## CMW500 手动测试

## ——EGPRS 信令操作篇

1. 复位 CMW500;按键 "SIGNAL GEN",选择 GSM Signaling1,同时被显示在 底下的任务栏.

Press 'Meas	Reset 🛛 KS	
Hi	You are about to perform reset. Select one action or cancel! Option scope • Global (all Applications) • Coment Application int: Preset restores manual mode best settings	
	Preset Cancel	
ROHDE&SCHWAR	z	
😻 Generator Signaling Controller		Gen Ctrl
♦ Generator Signaling Controller ♦ General Purpose RF	Taskbar entry State	Gen Ctrl
<ul> <li>Generator Signaling Controller</li> <li>General Purpose RF</li> <li>Generator 1</li> <li>Generator 2</li> </ul>	Taskbar entry State	Gen Ctrl
Generator Signaling Controller     General Purpose RF     Generator 1     Generator 2     GSM	Taskbar entry State	Gen Ctrl
Generator Signaling Controller     Generat Purpose RF     Generator 1     Generator 2     GSM     Generator 1     Generator 2	Taskbar entry State	Gen Ctrl
Generator Signaling Controller     General Purpose RF     Generator 1     Generator 2     GSM     Generator 1     Generator 2     Signaling     LTE	Taskbar entry State	Gen Ctrl
Generator Signaling Controller     General Purpose RF     Generator 1     Generator 2     GSM     Generator 2     Signaling     LTE     Signaling 1     Signaling 2	Taskbar entry State	Gen Ctrl
Cenerator Signaling Controller  Cenerator 1  Generator 2  Cenerator 1  Generator 2  Signaling  Tt  Signaling 1  Signaling 2  WCDMA FDD UE  Signaling	Taskbar entry State	Gen Ctrl
Generator Signaling Controller     General Purpose RF     Generator 1     Generator 2     GSM     Generator 2     Signaling     ETE     Signaling 1     Signaling 2     WCDMA FDD UE     Signaling	Taskbar entry       State         Off       Off         Off       Off	Gen Ctrl
Generator Signaling Controller     Generator 1     Generator 2     GSM     Generator 2     Signaling     LTL     Signaling 2     WCDMA FDD UE     Signaling	Taskbar entry       State         OFF       OFF	Gen Ctrl
Cenerator Signaling Controller  Cenerator 1 Cenerator 2 Cenerator 2 Cenerator 2 Signaling Crit Signaling 1 Signaling 2 WCDMA FDD UE Signaling	Taskbar entry State   State Off   Off Off   Off Off   Off Off   Off Off   Off Off	Gen Ctrl
Generator Signaling Controller     Generator 1     Generator 2     GSM     Generator 2     Signaling     LTE     Signaling 2     WCDMA FDD UE     Signaling	Taskbar entry State   Off Off   Off Off   Off Off   Off Off	Gen Ctrl
Cenerator Signaling Controller  Cenerator 1 Cenerator 2 Constraints Cenerator 2 Constraints Constrain	Taskbar entry State   State Off   Off Off   Off Off   Off Off	Gen Ctrl

## 2. 按键:任务栏 GSM Signaling 下方对应的按键;用 On/Off 按键打开小区。手机上电,注册。

🚯 GSM Signaling								GSM
Connection Status			Cell Setup					CSM 1
Cell			Channel / Band	2	GSM9	00	¥	Multi Eval.
Circuit Switched	On		Level			-80.00	dBm	}
Packet Switched	On		PMax (PCL)	i - 3	5	33.00	dBm	GSM 1 BLER
RX Power			PS Domain					
		-	TCH/PDCH Carrier 1	RDCH	Carrier	2		Coto
MS Into			Channel / Band	6	2 GSM9	00		00.0.1
IMSI			12	Downlin	\$	Uplink	9300	
Dialed No			Frequency	947.	4 MHz:	902:4	MHZ	
			DL Reference Level	-80.0	0 dBm			<u> </u>
		_	Slot Configuration					
Show MS Capab	ilities		<ul> <li>Circuit Switched Slot</li> <li>Packet Switched Slot</li> </ul>	DL 🛛	• 🔶 • •	e		
Measurement Report			Circuit   Packet Sw.Slot	UL	0.010	00000	-	
				0.1.40	Edi	0	-	
			Circuit Switched	Packet S	witched			<u> </u>
			Service	BLER			2	
			DE Duar Camer					
								GSM
								Signaling
les.		r —	Jas	Υ	,	(	- i	
Connect			Connect	Send S	MS			Config
		100		and the second se		24 million (1997)	10	*
GSM Signaling	· · · · · ·	•				N		GSM
GSM Signaling Connection Status		N	Cell Setup			×		GSM
GSM Signaling Connection Status Cell		•	Cell Setup BCCH	2	GSM	00		GSM GSM 1 Multi Eval.
GSM Signaling Connection Status Cell Circuit Switched	Synciu ontz	red	Cell Setup BCCH Channel / Band	2	GSM9	00	dBm	GSM GSM 1 Multi Eval.
GSM Signaling Connection Status Cell Circuit Switched	Synchroniz öttached	red	Cell Setup BCCH Channel / Band Level PMax (PCL)	2	GSM9	00 -80.00 33.00	dBm dBm	GSM 1 Multi Eval.
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power	Synchroniz Attached	red	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain	2	) GSM9	00 -80.00 33.00	dBm dBm	GSM 1 Multi Eval. GSM 1 BLER
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power	Synchroniz Attached	red	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1	2 F PDCH	) GSM9 5 Carrier	00 80.00 33.00 Z	dBm dBm	GSM 1 Multi Eval. GSM 1 BLER
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info	Syriclu oniz Attached	zed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band	2 	) GSM9 5 Carrier 2 GSM9	00 80.00 33.00 2	dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012	Syncirontz Attached 3456789	red	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band	2 PDCH 6 Downlin	) GSM9 6 Contier 2 GSM9	00 80.00 33.00 2 2 00 Uplink	dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signating Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI Dialed No.	Synchroniz Attached 3456789	ret	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency	2) PDCH 6. Downlin 947.	) GSM9 5 Carrier 2 GSM9 4 MHz	00 -80.00 33.00 2 2 00 Uplink 902:4	dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No.	Syncle ontz Attached 3456789	reid	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level	2 PDCH 6 Dewnlin 947. -80.0	) GSM9 5 Carrier 2 GSM90 4 MHz 0 dBm	00 -80.00 33.00 2: 00 Uplink 902:4	dBm dBm MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No.	Synchrontz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration	21 PDCH 6. Downlin 947. -80.0	) GSM9 5 Corrier 2 GSM9 4 MHz 0 dBm	00 80.00 33.00 2 2 90 Uplink 902:4	dBm dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signating Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capabi	Synchroniz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot	2/ P.DCH 6. Dewnlin 947. -80.0	) GSM9 5 Carrier 2 GSM90 4 MHz 0 dBm	00 -80.00 33.00 2 Uplink 902:4	dBm dBm MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capabi Measurement Report	Syncie ontz Attached 3456789 Hitties	red	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Packet Switched Slot • Circuit Packet Swi Solt	2 2 2 2 2 2 2 2 2 2 2 2 2 2	) GSM9 5 Carrier 2 GSM90 4 MHz 0 dBm	00 -80.00 33.00 22 90 Uplink 902:4	dBm dBm MHfz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched RX Power MS Info IMEI IMSI Dialed No. Show MS Capabi Measurement Report	Synchroniz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Packet Switched Slot • Circuit Packet Switched Slot	2 PDCH 6. Downlin 947. −80.0 DL UL UL	) GSM9 5 Conrier 2 GSM9 4 MHz 0 dBm 6 Edi	00 -80.00 33.00 22 Uplink 902:4	dBm dBm MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capab Measurement Report	Syriclir oniz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Orcuit Switched Slot OL Measurement Slot OL Measurement Slot	2 PDCH 6 Downlin 947. –80.0 DL UL UL UL	) GSM9 5 2 GSM9 4 MHz 0 dBm Edi witched	00 -80.00 33.00 2 90 Uplink 902:4	dBm dBm MHfz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capabi Measurement Report	Synchrontz Attached 3456789	reid	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Creat Switched Slot • Packet Switched Slot • Creat Packet Switched COL Measurement Slot Cliccuit Switched	2 PDCH 6: Downlin 947: -80.0 DL UL UL L Packet Sv Test Mo	) GSM9 5 Contien 2 GSM9 4 MHz 0 dBm Edi witched ode A	00 -80.00 33.00 2 00 Uplink 902:4	dBm dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched RX Power MS Info IMEI IMSI Dialed No. Show MS Capab Measurement Report	Synchroniz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration •Circuit Switched Slot •Circuit Packet Swi Stot OUL Measurement Slot Clincuit Switched Service DL Dual Carrier	2 PDCH 6. Downlin 947. -80.0 DL UL UL E E E St M	) GSM9 5 Corrier 2 GSM9 4 MHz 0 dBm Edi witched ode A	00 -80.00 33.00 2 2 00 Uplink 902:4	dBm dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signating Connection Status Cell Circuit Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capab Measurement Report	Syriclir onlz Attached	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Oricuit Switched Slot OL Measurement Slot Circuit Packet Swi Slot OUL Measurement Slot Circuit Switched Service DL Dual Carrier	2 PDGH 6 Downlin 947. -80.0 DL UL UL Packet Sv Test M	) GSM9 5 (Corrier 2 GSM90 4 MHz 0 dBm Edi witched ode A	00 -80.00 33.00 2 Uplink 902:4	dBm dBm MHfz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capabi Measurement Report	Synchrontz Attached 3456789	reil	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Creat Switched Slot • Packet Switched Slot • Creat Packet Switched OUL Measurement Slot Cliccuit Switched Service DL Dual Carrier	2 PDCH 6. Downlin 947. −80.0 DL UL L Packet Sr Test M.	) GSM9 5 Contien 2 GSM9 4 MHz 0 dBm Edi witched ode A	00 80.00 33.00 2 00 Uplink 902:4	dBm dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to Go to
GSM Signaling Connection Status Cell Circuit Switched RX Power MS Info IMEI IMSI 00101012 Dialed No. Show MS Capab: Measurement Report	Synchroniz Attached 3456789	red	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Circuit Switched Slot • Circuit Switched Service DL Dual Carrier	2 PDCH 6 Downlin 947. -80.0 DL UL UL Facket St Test M	) GSM9 5 Carrier 2 GSM9 4 MHz 0 dBm • • • • Edi witched ode A	00 -80.00 33.00 2 Uplink 902:4	dBm dBm dBm	GSM 1 Multi Eval. GSM 1 BLER Go to Go to

Service Selection	Multislot class	Main Timeslot	Active Slots Downlink (MS RX)	Active Slots Uplink (MS TX)
Test Mode A	1	3	3	3
Reduced Sig. Mode A	2	3	3	3
	3	3	3	3&4
	4	3	3	3
	5	3	3	3&4
	6	3	3	3&4
	7	3	3	2&3&4
	8	3	3	3
	9	3	3	3&4
	10	3	3	3&4
	11	3	3	2&3&4
	12	3	3	2&3&4&5
Test Mode B	1	3	3	3
Reduced Sig. Mode B	2	3	3 & 4	3
-	3	3	3	3&4
	4	3	2&3&4	3
	5	3	3&4	3&4
	6	3	3 & 4	3&4
	7	3	3&4	3&4
	8	4	2&3&4&5	4
	9	3	2&3&4	3&4
	10	3	2&3&4	3&4
	11	3	3&4	3&4&5
	12	3	3 & 4	3&4&5
BLER	1	4	4	4
Downlink only	2	4	4&5	4
	3	4	4&5	4
	4	4	3&4&5	4
	5	4	4 & 5	4
	6	4	3&4&5	4
	7	4	3 & 4 & 5	4
	8	4	2&3&4&5	4
	9	4	3 & 4 & 5	4
	10	4	2&3&4&5	4
	11	4	2&3&4&5	4
	12	4	2&3&4&5	4

3. 选择测试模式: BLER/Test Mode A/Test Mode B; 如下图配置; Mode A 用于 测试 TX, BLER 用于 RX 测试, Mode B 用于 T/RX 测试。

说明:请参照上下行时隙,按照测试要求,配置上下行时序。

4. 选择测试模式 A, 进行 TX 测试。按键 "PS Connect"。连接后, 显示"TBF Established";

🚯 GSM Signaling						GSM
Connection Status			Cell Setup			
Cell			BCCH	No. 100000		GSM 1 Multi Eval.
			Channel / Dand	20 GSMS	00	
Circuit switched	Syncau oritzi	en.	Level		-80.00 dBm	GSM 1
Packet Switched 🗾 🖄	Attached		PMax (PCL)	5	33.00 dBm	BLER
RX Power	-		PS Domain			<u>}</u>
MS Info			TCH/PDCH Carrier 1	RDOH Carrier	2	Go to
IMEI			Channel / Band	62 GSM9	00	
(MS) 0010	10123456789		2	Downlink	Uplink	
Dialed No			Frequency	947.4 MHz	902:4 MHz	
			DL Reference Level	-80.00 dBm		
			Slot Configuration			
Show MS C	apabilities		Circuit Switched Slot	DL DOC DOC		
Measurement Report			Circuit   Packet Sw Slot	UL: 0.000	00000	├
			OUL Measurement Slot	Edi	t	
		2	Circuit Switched	Packet Switched		
			Service	Test Mode A	,	
			DL Dual Carrier	1		
						<u> </u>
						GSM
				7		Signaling ON
Ics	Υ Y	6	ns	1		-
Connect			Connect	Send SMS		Config
		1 M M		and the second sec	2	
GSM Signaling			3	<u> </u>		GSM
GSM Signaling Connection Status			Cell Setup			GSM
GSM Signaling Connection Status		NT.	Cell Setup BCCH			GSM GSM 1 Multi Eval
GSM Signaling Connection Status Cell			Cell Setup BCCH Channel / Band	20 GSM9	00	GSM GSM 1 Multi Eval.
GSM Signaling Connection Status Cell Circuit Switched	Synchroniz-	ed	Cell Setup BCCH Channel / Band Level	20 GSM9	000 -80.00 dBm	GSM 1 Multi Eval.
GSM Signaling Connection Status Cell Circuit Switched Packet Switched	Syticiii ontz TBF Establii	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL)	20 GSM9 5	00 - -80.00 dBm 33.00 dBm	GSM 1 Multi Eval. GSM 1 BLER
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power	Synchroniz- TBF Estäblis	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain	20 GSM9 5	00 -80.00 dBm 33.00 dBm	GSM 1 Multi Eval. GSM 1 BLER
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Lofe	Syncia oniza TBF Establi TANY	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1	20 GSM9 5 ₩ PDCH Carrier	00	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEL	Syficid ontz TBF Establi FANYS	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band	20 GSM9 5 P.DCH Carrier 62 GSM9	00	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010	Synchroniza TBF Establis FANJOR 10123456789	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band	20 GSM9 5 F PDCH Carrier 62 GSM9 Downlink	-80.00 dBm 33.00 dBm 2 90 Uplink	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMEI IMSI 0010 Dialed No.	Synchroniz- TBF Estäbli Min- 10123456789	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency	20 GSM9 5 IV PDCH Carrier 62 GSM90 Downlink 947.4 MHz	-80.00 dBm 33.00 dBm 2 Uplink 902.4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMEI IMSI Dialed No.	Syncia ontra TBF Establis 5.4495 10123456789	ed ihed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level	20 GSM9 5 IV PDGH Carrier 62 GSM9 Downlink 947.4 MHz −80.00 dBm	00	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No.	Synchi ontz TBF Establis 1.409	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration	20 GSM9 5 F PDGH Carrier 62 GSM9 Downlink 947.4 MHz -80.00 dBm	00 - -80.00 dBm 33.00 dBm 2 00 Uplink 902.4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI Dialed No. Show MS Ca	Synchronize TBF Estable 10123456789 apabilities	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Officuit Switched Slot	20 GSM9 5 ▼ PDGH Carrier. 62 GSM0 Downlink 947.4 MHz -80.00 dBm	2 902:4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No. Show MS Co	Synchroniz- TBF Establi Mar: 10123456789 apabilities	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Circuit Switched Slot Packet Switched Slot	20 GSM9 5 IV PDCH Corrier 62 GSM90 Downlink 947.4 MHz -80.00 dBm DL UL	2 00 000 000 000 000 000 000 000 000 00	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No. Charter Show MS Ca	Synchrontz TBF Establi FA475 10123456789 apabilities	ed ihed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Circuit Switched Slot Octrout Switched Slot Circuit I Packet Swi Stat OL Measurement Slot	20 GSM9 5 IV PDGH Carrier 62 GSM9 Downlink 947.4 MHz -80.00 dBm DL UL Edi	00 00 -80.00 dBm 33.00 dBm 33.00 dBm 2 00 Uplink 902.4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI Dialed No. Show MS Ca Measurement Report C value Measurement Report C value Measurement Report C value Measurement Report C value	Syncle onk TBF Establis 10 123456789 apabilities	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Circuit ] Packet Sw Slot OUL Measurement Slot	20 GSM9 5 F PDCH Carrier 62 GSM9 Downlink 947.4 MHz -80.00 dBm DL UL UL Edi Packet Switched	00	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No. Show MS Ca Measurement Report C value GMSK GBSK GBSK	Synchronize TBF Estable Tot23456789 apabilities	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Officuit Switched Slot OUL Measurement Slot Circuit J Packet Sw Slot OUL Measurement Slot	20 GSM9 5 ▼ PDGH Carrier 62 GSM9 Dewnlink 947.4 MHz -80.00 dBm DL UL Edi Packet Switched Test Mode A	000 -80.00 dBm 33.00 dBm 2 90 Uplink 902:4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI Dialed No. Show MS CC Measurement Report C value GMSK -GPSK -BPSK	Synchroniza TBF Estable MV2 10123456789 apabilities BEP CV BEP	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Circuit Switched Slot OUL Measurement Slot Circuit Switched Slot OUL Measurement Slot	20 GSM9 5 IV P.DCH Corrier 62 GSM90 Downlink 947.4 MHz -80.00 dBm DL UL Edi Packet Switched Test Mode A	<ul> <li>000</li> <li>-80.00 dBm</li> <li>33.00 dBm</li> <li>2</li> <li>2</li> <li>00</li> <li>Uplink</li> <li>902.4 MHz</li> <li>1</li> </ul>	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No.  Show MS Ca Measurement Report C value GMSK GMEASURE GMSK GBPSK GMEASURE GMEASU	Synchrontz TBF Establi FAW75 10123456789 apabilities • BEP CV BEP	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Circuit Switched Slot Circuit J Packet Swi Stat OUL Measurement Slot Circuit Switched Stat Service DL Dual Carrier	20 GSM9 5 PDCH Carrier 62 GSM9 Downlink 947.4 MH2 -80.00 dBm DL UL Edi Packet Switched Test Mode A	00 0 -80.00 dBm 33.00 dBm 33.00 dBm 2 00 Uplink 902.4 MHz	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI Dialed No. Show MS Ca Measurement Report C value GMSK BPSK	Syncle ontra TBF Estable 10123456789 apabilities	ed shet	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Circuit J Packet Sw Slot OUL Measurement Slot Circuit Switched Stot Circuit Switched Slot Circuit Switched	20 GSM9 5 FDGH Carrier 62 GSM9 Downlink 947.4 MHz -80.00 dBm DL UL UL Edi Packet Switched Test Mode A	<ul> <li>00</li> <li>-80.00 dBm</li> <li>33.00 dBm</li> <li>2</li> <li>00</li> <li>Uplink</li> <li>902:4 MHz</li> <li>00</li> </ul>	GSM 1 Multi Eval. GSM 1 BLER Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No. Show MS Ca Measurement Report C value GMSK BPSK	Synchroniza TBF Estable Fakor 10 123456789 apabilities • BEP CV. BEP	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration Officuit Switched Slot OUL Measurement Slot Circuit J Packet Sw Slot OUL Measurement Slot Circuit Switched	20 GSM9 5 ▼ PDGH Carrier 62 GSM0 Dewnlink 947.4 MHz -80.00 dBm DL UL Edi Packet Switched Test Mode A	<ul> <li>000</li> <li>-80.00 dBm</li> <li>33.00 dBm</li> <li>33.00 dBm</li> <li>2</li> <li>90</li> <li>Uplink</li> <li>902:4 MHz</li> <li>902:4 MHz</li> </ul>	GSM 1 Multi Eval. GSM 1 BLER Go to Go to Go to Go to
GSM Signaling Connection Status Cell Circuit Switched Packet Switched RX Power MS Info IMEI IMSI 0010 Dialed No. Show MS C Measurement Report C value GMSK -gPSk -	Synchronitz TBF Establi MWE 10123456789 apabilities I BEP CV BEP	ed shed	Cell Setup BCCH Channel / Band Level PMax (PCL) PS Domain TCH/PDCH Carrier 1 Channel / Band Frequency DL Reference Level Connection Setup Slot Configuration • Circuit Switched Slot • Packet Switched Slot OUL Measurement Slot Circuit Switched I Service DL Dual Carrier	20 GSM9 5 PDCH Corrier 62 GSM90 Downlink 947.4 MHz -80.00 dBm DL UL Edi Packet Switched Test Mode A	<ul> <li>000</li> <li>-80.00 dBm</li> <li>33.00 dBm</li> <li>33.00 dBm</li> <li>2</li> <li>00</li> <li>Uplink</li> <li>902.4 MHz</li> <li>1</li> </ul>	GSM 1 Multi Eval. GSM 1 BLER Go to Go to

5. 选择"GSM1 Multi eval",进入测试界面。如图:



6. 按键 "On/Off" 打开测试,测试 TX Power 等项目,针对每个项目,展开图示。如图为:单时隙的上行测试。

🚯 GSM TX Measurement 1 - Multi Evaluation		GSM
Band/Ch. 6SM900 / 62 Freq. 902.40000 MHz Ref. Level: 20.	00 dBm Meas Slots (0	Multi
Power vs. Time	Spectrum Modulation Frequency	Evaluation
48 -50 -400 -300 -200 -100 0 100 200 300 400 500 600 700	-60 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5	RF Settings
Error Vector Magnitude	Spectrum Modulation Time	ſ
<b>x</b>	dB	Trigger
20 40 80 80 100 120 140	9ym- -20 0 20 40 60 80 100 120 140 160	
Magnitude Error ANALANA	Spectrum Switching Frequency	Ļ
0 20 40 80 80 100 120 140	0 dBm -50	Display
Phase Error Phase Error	Spectrum Switching Time	
0	0 -50 -400 -200 0 200 400 800	
TX Measurement Current;		CSM 1
Burst Power 9.28 dBm EVM RMS 2.81 % PhError	RMS 1.59 * Freq. Error 2.39 Hz	Signaling
Repetition Stop Condition Statistic Count Slots	Assign Views	Config

🧄 GSN	1 Signaling									GSM
Con	nection Status			Cell Se	etup					0014.1
Cell	(m)			Channa	L/Band		. GSIN	900		Multi Eval.
Circu	it Switched	sv	ticiii onized	Loval	IN EARLY	-	o <u>Geann</u>	200	40	<u> </u>
5007F		77	e rassing to the	DMay (	PCIA		5	-80.00	dBm	GSM 1
Раск	et Switched	11	r established	PS Don	nain		9	001001	uom:	BLER
RAP	ower and the second	<u>.</u>		TCH/P	DCH Carrier 1	RDCH	Carrier	2		
MS	Info			Channe	/ Band	6	2 00140	00	1	Go to
IMEI	001010123	156789		5100000		Downlin	k posno	Uplink		<u> </u>
Diale	d No	ASILING.		Frequer	юу	947.	4 MHz	902:4 1	MHz	
CONTRACTORS IN CONTRACTORS				DL Refe	rence Level	-80.0	0 dBm			
				Conne	ction Setup					<u>}</u>
7	Show MS Canabili	ities		Circuit S	onfiguration Switched Slot	ni N	-			
Mea	surement Report		:	Packet:     Circuit	Switched Slot Packet Sw. Slot	UL	0.000	00000		<u> </u>
C val	ue —			OUL Mea	surement Slot		Ed	it		
	Mean BEP		CV BEP	Circuit	Switched	Packet S	witched	8		
-0	MSK			Service	):	Test M	ode A		5	
10	i un			DL Dua	Carner	1CI				
										<u> </u>
										GSM
										ON
	ΥΎ		Y	γ	PS	γ		Wandow	ior.	Confin
L					Disconnect					comig
Acres	and the second se									
4	Clot Configuration						_	1		GSM
Cor	Slot Configuration	_				_	_	×		GSM GSM 1
Cor Cell	Slot Configuration Carrier 1 Carrier 2				<i>行</i> 护	· _P	]	×		GSM GSM 1 Multi Eval.
Cor Cell Circi	Slot Configuration Carrier 1 Carrier 2 CS Timeslot TDE Local	3	ne	Ŀ	行编码方	式		X		GSM 1 Multi Eval.
Cor Cell Circi Paci	Stot Configuration Carrier 2	3 EGPI	RS	上; 一	行编码方	式	]	X	Bm Bm	GSM 1 Multi Eval.
Cor Cell Circi Paci RXF	Slot Configuration Carrier 1 Carrier 2 CS Timeslot TBF Level UL Coding Scheme Carrier Schings	3 EGPI MCS	RS	Ŀ	行编码方	·式		× 1	Bm Bm	GSM 1 Multi Eval. GSM 1 BLER
Con Cell Circi Paci RX F	Slot Configuration     Carrier 1     Carrier 2	3 EGPI MCS TCH	RS -1 Channel: 62	L. Du	行编码方 L Ref. Level: vollink	·式 -80.00	] dBm		Bm Bm	GSM 1 Multi Eval. GSM 1 BLER
Cor Cell Circi Pack RX F MS	Slot Configuration Carrier 1 Carrier 2 CS Timeslot TBF Level UL Coding Scheme Carrier Settings Slot Config	3 EGPI MCS TCH 0 Uplin	RS -1 Channel: 62 k	Dov	行编码方 L Ref. Level: vnlink , Level	式 80.00	dBm ing		Bm Bm	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Pack RX F MS IMEI IMSI	Slot Configuration Carrier 1 Carrier 2 CS Timeslot - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma	Di Dov	行编码方 L Ref. Level: vnlink d Level On   Offset	式 80.00	dBm ng eme	×	Bm Bm	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali	Slot Configuration Carrier 1 Carrier 2 CS Timeslot TBF Level UL Coding Scheme Carrier Settings Slot Config	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0	Di Dov dBm	行编码方 L Ref. Level: vnlink d Level d On   Offset	式 80.00 Codi cB MC3	dBm ng sme 5.1		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali	Slot Configuration Carrier 1 Carrier 2 CS Timeslot CBF Level UL Coding Scheme Carrier Settings Slot Config Slot Config Slot Config Slot 0 Slot 0 Slot 1	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0	Di Dov Use dBm m dBm r	行编码方 L Ref. Level: vnlink d Level d On   Offset 頁 0.00	式 80.00 d Codi Schi dB MC dB MC	dBm ing eme S.4		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Pack RX F MS IMEI IMSI Diali	Slot Configuration Carrier 1 Carrier 2 CS Timeslot TBF Level UL Coding Scheme Carrier Settings Slot Config  Slot Config  Slot 0 Slot 1 Slot 2	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0	Dov Dov Use dBm [T dBm [T dBm [T	行编码方 L Ref. Level: vnlink d Level 面 0.00 □ 0.00 □ 0.00	-80.00 -80.00 Codi Schu dB MC dB MC dB MC	dBm ing eme 5.1 • 5.1 •		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 (CS)	3 EGPI MCS TCH Uplin Used	RS -1 → Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 10 23.0	Dov Dov Use dBm m dBm 17 dBm 17 dBm 17	行编码方 L Ref. Level: vnlink d Level d On   Offset 同 0.00 □ 0.00 □ 0.00	一80.00 Codi Codi Codi Schi dB MC dB MC dB MC	dBm ng eme 5.4 5.1		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMSI Diali	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 (CS) - Slot 3	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 10 23.0 13 13.0	Dov Dov dBm II dBm II dBm II dBm II dBm II	行编码方 L Ref. Level: vnlink d Level d On   Offset 面 0.00 □ 0.00 □ 0.00 □ 0.00	一80.00 一80.00 日 日 日 日 日 田 田 田 田 田 田 田 田 田 田 田 田 田 田	dBm ing eme 5-1 • 5-1 • 5-1 •		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Diali	Slot Configuration Carrier 1 Gurfler 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 - Slot 3 - Slot 4	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13 13,0 13 13 13,0 13 13 13 13 13 13 13 13 13 13	Dov Dov Use dBm [] dBm [] dBm [] dBm [] dBm [] dBm []	行编码方 L Ref. Level: vnlink d Level 面 0.00 □ 0.00 □ 0.00 ☑ 0.00 ☑ 0.00	-80.00 -80.00 dB MC dB MC dB MC dB MC dB MC	dBm ing eme 5.1 • 5.1 • 5.1 • 5.1 •		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Mei C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 (CS) - Slot 4 - Slot 5	3 EGPI MCS TCH Uplin Used Used F PCL: F F	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov dBm II dBm II dBm II dBm II dBm II dBm II dBm II	行编码方 L Ref. Level: vnlink d Level 面 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00	-80.00 Codi Scha dB MC: dB MC: dB MC: dB MC: dB MC: dB MC: dB MC:	dBm ang eme 5.1 • 5.1 • 5.1 • 5.1 •		Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Me: C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 - Slot 3 - Slot 4 - Slot 5 - Slot 6	3 EGPI MCS TCH Uplin Used Used F PCL: F PCL:	RS Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov dBm II dBm II dBm II dBm II dBm II dBm II dBm II dBm II dBm II	行编码方 L Ref. Level: vnlink d Level d On   Offset 面 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00		dBm ame 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •		Bm Bm Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Pack RX F MS IMSI Diali Mei C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 - Slot 3 - Slot 3 - Slot 4 - Slot 5 - Slot 7	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov Use dBm I dBm I dBm I dBm I dBm I dBm I dBm I dBm I dBm I dBm I f	行编码方 L Ref. Level: vnlink d Level	-80.00 -80.00 dB MC dB MC dB MC dB MC dB MC dB MC dB MC dB MC dB MC	dBm ing ime 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •		Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Mei C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 (CS) - Slot 3 - Slot 4 - Slot 5 - Slot 6 - Slot 7	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov dBm II dBm II dBm II dBm II dBm II dBm II dBm II dBm II dBm II dBm II	行编码方 L Ref. Level: vnlink d Level 可 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00	-80.00 Codi Scha dB MC: dB MC: dB MC: dB MC: dB MC: dB MC: dB MC: dB MC: dB MC:	dBm ng eme 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •		Hz	GSM 1 Multi Eval. GSM 1 BLER Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Me: C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 - Slot 3 - Slot 4 - Slot 5 - Slot 6 - Slot 7	3 EGPI MCS TCH Uplin Used Used F PCL: F F	RS Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov Use dBm I dBm I	行编码方 L Ref. Level: vnlink d Level d On   Offset 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00		dBm ame 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •	ancel	Hz	GSM 1 Multi Eval. GSM 1 BLER Go to Go to
Cor Cell Circi Pack RXF MSI IMSI Diali Me: C va	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 - Slot 3 - Slot 4 - Slot 5 - Slot 6 - Slot 7	3 EGPI MCS TCH Uplin Used V PCL: V PCL:	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov Use dBm II dBm II	行编码方 L Ref. Level: vnlink d Level d On   Offset		dBm ing eme 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •	Cancel	Hz	GSM 1 Multi Eval. GSM 1 BLER Go to Go to
Cor Cell Circi Paci RX F MS IMEI IMSI Diali Diali	Slot Configuration Carrier 1 Carrier 2 - CS Timeslot - TBF Level - UL Coding Scheme - Carrier Settings - Slot Config - Slot 0 - Slot 1 - Slot 2 - Slot 3 (CS) - Slot 3 - Slot 4 - Slot 5 - Slot 6 - Slot 7	3 EGPI MCS TCH Uplin Used	RS -1 Channel: 62 k Gamma 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0 13 13.0	Dov Dov Use dBm II dBm II	行编码方 L Ref. Level: vnlink d Level d On   Offset 同 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00 □ 0.00	-80,00 Codi Scha dB MC dB MC dB MC dB MC dB MC dB MC dB MC dB MC dB MC	dBm ng eme 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 • 5.1 •	ancel	Hz Fr	GSM GSM 1 Multi Eval. GSM 1 BLER Go to Go to Go to Go to Go to Config

7. 按键"GSM1 Signaling"回到信令界面,选择"Edit"配置多个时隙;

Gamma: 对应的功率等级值; 配置相应的时隙后,请选择"Apply"以完成配置。选择"GSM1 Multi eval", 进入测试界面。如图:

🔉 GSM TX Measurement 1 - Multi Evaluation	<b>h</b> //	GSM
and/Ch. GSM900 / 62 Freq. 902.4 Power vs. Time	DOOD MHZ Ref Level 20.00 dBm Meas S Control Spectrum Meas	iots (************************************
-50 -50 -400 -380 -200 -100 0 100 280		1.0 -0.5 0.0 0.5 1.0 1.5 RF Settings
Error Vector Magnitude	Spectrum M	dulation Time
•		Trigger
20 40 80 80	100 120 140 -20. 0 2	Sym
Magnitude Error	REFERENCE Spectrum Sv	vitching Frequency
0 	Sym 50 dBm -50	Display
Phase Error 💵	IIIII IIIIII Spectrum Sv	vitching Time
0 20 40 80 80 100 120	Sym 140 Q 0 dBm -50 -400 -2	200 400 500
TX Measurement Current;		IIIIIII
Burst Power 9.81 dBm EVM RM	1S 3.14 % PhError RMS 1.80	* Freq. Error -22.05 Hz Signalin
Repetition Stop Condition Count	tic Measurement Slots	Assign Views Config

读取功率、相位误差等测试结果;

8. BLER 模式:测试下行吞吐量;按键"GSM1 Signaling"回到信令界面,断开 PS 连接,选择"BLER"模式后, "PS Connect"重新建立连接,如图;

🚯 GSM Signaling			GSM
Connection Status Cell	Cell Setup BCCH Channel / Band	20 GSM900 -	GSM 1 Multi Eval.
Circuit Switched Synchronized Packet Switched TBF Established RX Power	Level PMax (PCL) PS Domain	-80.00 dBm 5 33.00 dBm	GSM 1 BLER
MS Info IMEI IMSI 001010123456789 Dialed No	TCH/PDCH Carrier 1 Channel / Band Frequency	PDCH Carrier 2 62 GSM990 Downlink Uplink 947.4 MHz 902:4 MHz	Go to
Show MS Capabilities Measurement Report C value 30 (-81 to -80 dBm) Mean BEP CV BEP	Connection Setup Slot Configuration Circuit Switched Slot Packet Switched Slot Circuit Packet Switched OUL Measurement Slot Circuit Switched	DL	
GMSK 31 (< -3.6) 7 (0.00 to 0.25) BPSK	Service DL Dual Carrier	BLER .	GSM Signaling ON
	PS Disconnect	Handover	Config

9. 选择"Edit", 配置相应的时隙和编码方式, 如图; 选择 "GSM1 BLER", 进入测试界面。

1 GSR	15imalio	19.	1							_	640		GSM
Cor	Slot (	Configurat	ion			_	_	_		_	×		0914.1
Cell	Carrie	स1 ⊑ ज	rrier 2										GSM 1 Multi Eval.
Circi	-05	Timesio	τ	3	1251							Bro	
Pack	-18	F Level		EGPRS								Bm	GSM 1
RXE	UL	Coding	Scheme	MCS-1 T	1.00			ā	00.00 JD				DEEK
L MANT	- Ca	arrier Sett	ungs	TCH Chan	iel:62	DLI	Ref. L	evel: -	-80.00 dBi	n			
MS	EF SIG	or comig		Uplink		Down	iink Loui	ol	Coding				Go to
IMEI IMSI				Used Gam	ma	Used	On	Offset	Schem	ə.	_		
Diali		Slot 0		E 13	13.0 dBm		直	0.00 d	B MCS.1	1		Hz	
		Slot 1		□ 13	13.0 dBm	V	N	0.00 d	B MCS-1				
		Slot 2		L 13	13.0 dBm	R	1	0.00 d	B MCS-1	•			
7		Slot 3 (0	S)	PCL: 10	23.0 dBm			0.00 d	в				
Me		Slot 3		🔽 13	13.0 dBm	R	1	0.00 d	B MCS-1	•			
in the second se		Slot 4		L 13	13.0 dBm	V	N.	0.00 d	B MCS-1				
		Slot 5		E 13	13.0 dBm		Γ.	0.00 d	B MCS-1				_
		Slot 6		□ 13	13.0 dBm		1	0.00 d	B MCS-1	I.		-	
		-Slot 7		L 13	13.0 dBm	Ē		0.00 d	B MCS-1			100	
						-							<u></u>
						pply	U	ndo	Ok	Car	ıcel		GSM
-									Cew.	10.530			Signaling ON
r -	_	Yes	Ϋ́		Y	Yne		Y	а 	Ϋ́	_	0	
		Conne	ct			Co	nnec	rt 🛛	Send SMS				Config
dis 1511	North Control of Contr	1000										Contraction of the local division of the loc	0511
GSN	t Signalin	IG BLER										- 🛛	<b>O</b> SMI
GSN GSN	t Signalin	IG BLER	BLER	RLC	Data rate	Cell	Setup						BIED
Carri	er 1	IG BLER	BLER [%]	RLC Data Blocks	Data rate [kBit/s]	Cell S BCC	Setup H	) land	ė	l cen	1900		BLER
Carri	er 1 lot0/Off	lig BLER	BLER [%]	RLC Data Blocks	Data rate [kBit/s]  8.74	Cell BCC Chanr	Setup H nel / B	) Jand	2	g gsm	1900		
Carri S S	er 1 lot0/Off lot1@-80 lot2@-80	Ig BLER DdBm DdBm	BLER [%] 0.00 0.00	RLC Data Blocks  331 332	Data rate [kBit/s]  8.74 8.77	Cell S BCC Chanr Level	Setup H nel / B	) Jand	2	) GSM	1900 -80.00	dBm	BLER RUN
Carri S S S	er 1 lot0/Off lot1@-80 lot2@-80 lot3@-80	og BLER DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00	RLC Data Blocks  331 332 333	Data rate [kBit/s] 	Cell S BCC Chanr Level PMax	Setup H nel / B (PCL	) Jand .)	2	) GSM	1900 -80.00 33:00	dBm dBm	BLER RUN
Carri S S S S	er 1 lotD/Off lot1@-80 lot2@-80 lot3@-80 lot4@-80	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks  331 332 333 332	Data rate [kBit/s] 	Cell S BCC Chanr Level PMax	Setup H nel / B (PCL	) Band .)	2	) GSM	1900 -80.00 33.00	dBm dBm	BLER RUN
Carri -S -S -S -S -S -S -S -S	er 1 lot0/Off lot1@-80 lot2@-80 lot3@-80 lot3@-80 lot5/Off	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks  331 332 333 332 	Data rate [kBit/s] 8.74 8.77 8.80 8.77 	Cell 1 BCC Chanr Level PMax TCH	Setup H nel / B (PCL /PDCI	) Jand .) H Carriel	1	g GSM	1900 -80.00 33.00	dBm dBm	BLER RUN
Carri - S - S - S - S - S - S - S - S - S - S	er 1 lotD/Off lot1@-80 lot2@-80 lot3@-80 lot3@-80 lot5/Off lot5/Off lot5/Off	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks  331 332 333 332  	Data rate [kBit/s]  8.74 8.77 8.80 8.77 	Cell 1 BCC Chanr Level PMax TCH.	Setup H nel / B (PCL /PDCH nel / B	) Jand .) H Carrier Jand	2 1 6	0 GSM	1900 -80.00 33.00	dBm dBm	BLER RUN
Carri S S S S S S S S S 	er 1 lotD/Off lot1@-8C lot2@-8C lot3@-8C lot5/Off lot6/Off lot6/Off all	DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00   0.00	RLC Data Blocks  331 332 333 332   1328	Data rate [kBit/s] 	Cell : BCC Chanr Level PMax TCH. Chanr	Setup H (PCL /PDCH nel / B	) ) ) H Carrien land	2 r 1 Downlin	0 GSM 5 2 GSM	1900 -80.00 33.00 900 Uplink	dBm dBm	BLER
Carri S S S S S S S S S 	er 1 lotD/Off lot1@-8C lot2@-8C lot3@-8C lot5/Off lot5/Off lot5/Off lot7/Off all Term Th	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00   0.00	RLC Data Blocks 331 332 333 332   1328	Data rate [kBit/s] 8.74 8.77 8.80 8.77 	Cell 3 BCC Chanr Level PMax TCH. Chanr Frequ	Setup H (PCL /PDCH hel / B ency	) Jand .) H Carrier Jand	r 1 6 Downlin 947	0 GSM 5 2 GSM 8 4 MHz	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	
Carri S S S S S S S S S 	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot3@-80 lot3@-80 lot3@-80 lot5/Off lot6/Off all Term Thi All	DdBm DdBm DdBm DdBm DdBm 3	BLER [%] 	RLC Data Blocks  331 332 333 332   1328 s Per Slot	Data rate [kBit/s] 	Cell 1 BCC Chanr Level PMax TCH Chanr Frequ DL Ré	Setup H (PCL /PDCH nel / B ency iferenc	) 3and .) H Carrier Jand ce Level	2 1 0 0 0 0 0 0 0 0 0 0 0	) GSM 5 2 GSM 4 MHz 0 dBm	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	BLER RUN
Carri S S S S S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot3@-80 lot5/Off lot5/Off lot5/Off lot7/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm roughput 3	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell 1 BCC Chanr Level PMax TCH. Chanr Frequ DL.Re	Setup H (PCL /PDCH nel / B ency sference	) ) H Carrier Jand ce Level	2 F 1 Downlin 947. –80.0	0 GSM 5 2 GSM 8 4 MHz 0 dBm	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	BLER RUN
Carri -S -S -S -S -S -S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot5/Off lot5/Off lot7/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.07 kBit	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell : BCC Chanr Level PMax TCH. Chanr Frequ DL Re Com	Setup H nel / B (PCL /PDCI / B ency éference confi	) ) H Carrier land ce Level n Setup	2 r 1 6 Downlin 947, -80.0	9 GSM 5 2 GSM 4 MHz 9 dBm	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	BLER
Carri S S S S S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot6/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm roughput <b>3</b>	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.07 kBit	RLC Data Blocks 331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 8.74 8.77 8.80 8.77  35.07 8.77 kBit/s	Cell : BCC Chanr Level PMax TCH. Chanr Frequ DL Re DL Re Slot • Circu	Setup H nel / B (PCL PDCI nel / B ency sferency Confi t Swite	) ) H Carrier land ce Level n Setup iguration shed Slot	2 1 6 Downlin 947, -80.0	0 GSM 5 2 GSM 4 MHz 0 dBm	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	BLER RUN
Carri S S S S S Over Long- Qver	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot6/Off lot7/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm roughput 3	BLER [%]  0.00 0.00 0.00 0.00  0.00	RLC Data Blocks 331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 8.74 8.77 8.80 8.77  35.07 8.77 kBit/s	Cell : BCC Chann Level PMax TCH. Chann Frequ DL.Re DL.Re Stot • Circu • Packet • Circu	Setup H (PCL) (PCL) PDCI nel / B ency sferency sferency sferency confi t Switc H Pack	) H Carrier Iand ce Level iguration shed Stat ched Stat	2 1 6 0 0 947 -80.0 1 0 1 0 1 0	0 GSM 5 2 GSM 4 MHz 0 dBm	1900 -80.00 33.00 Uplink 902.4	dBm dBm	Display
Carri S S S S S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot5/Off lot5/Off lot7/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00 0.00	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell 1 BCC Chanr Level PMax TCH Chanr Frequ DL Re DL Re Slot •Creu OUL M	Setup H (PCL (PCL) (PDCI nel / B ency eferency eferency eferency eferency eferency eferency eferency eferency eferency eferency eferency	) H Carrier land ce Level iguration shed Slot ket Sw. Slot ment Slot	2 1 6 Downlin 947. -80.0 1 DL	9 GSM 5 2 GSM 4 MHZ 0 dBm 9 C	1900 -80.00 33.00 Uplink 902.4	dBm dBm	Display
Carri -S -S -S -S -S -S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot5/Off lot5/Off all Term Thi	DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00  0.00	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell : BCC Chanr Level PMax TCH. Chanr Frequ DL Re DL Re Cont Slot OL M Servic	Setup H (PCL (PCL PDCI el / B ency ency eferency eferency sferency t Switc t Switc Switc t Switc Switc t Switc	) Band ) H Carrier land ce Level iguration shed Slot ched Slot ched Slot slot S	2 1 6 Downlin 947. -80.0	9 GSM 5 2 GSM 4 MHz 9 dBm Edit	1900 -80.00 33.00 Uplink 902.4	dBm dBm MHz	Display
Carri S S S S Over Cong- Cover	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot6/Off all Term Thi	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00	RLC Data Blocks 331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell : BCC Chann Level PMax TCH Chann Frequ DL Re DL Re Conn Slot •Circu •Packe •Circu OUL Me Servic DL Dc	Setup H el / B (PCL el / B ency eferenc eferenc setsivit t Switc t Switc t Switc t Pack easurei	) Band -) H Carrier land ce Level iguration -hed Stot ched Stot ket Swy Stot ment Stot	2 1 6 Downlin 947. -80.0 DL	0 GSM 5 2 GSM 8 4 MHz 0 dBm Edit	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm	Display
Carri S S S S Over Long- Qver	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot6/Off lot7/Off all Term Thi All	DdBm DdBm DdBm DdBm DdBm <b>roughput</b> <b>3</b>	BLER [%]  0.00 0.00 0.00  0.00	RLC Data Blocks 331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 8.74 8.77 8.80 8.77  35.07 8.77 kBit/s	Cell : BCC Chann Level PMax TCH. Chann Frequ DL.Re DL.Re OL.Re OL.Re OL.M Servic DL.M	Setup H (PCL (PCL PDCI ency eferency eferency eferency eferency eferency essure assure is is is	) Band H Carrier Iand Ce Level In Setup iguration Stat Stat Stat ment Slot ment Slot	2 1 6 0 947. -80.0 947. -80.0 947. -80.0	) GSM 5 2 GSM 4 MHZ 0 dBm Edit	900 -80.00 33.00 Uplink 902.4	dBm dBm	Display
Carri -S -S -S -S -S -S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot3@-80 lot5/Off lot5/Off lot5/Off all Term Thi All	DdBm DdBm DdBm DdBm DdBm	BLER [%] 0.00 0.00 0.00 0.00  0.00	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBit/s] 	Cell 1 BCC Chanr Level PMax TCH Chanr Frequ DL Re OL Re OL Re OL M Servic DL Du	Setup H (PCL (PCL rel / B ency iferency	) Band ) H Carrier land ce Level n Setup shed Slot ched Slot shed Slot ment Slot	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 GSM 5 2 GSM 4 MHz 0 dBm Edit	1900 -80.00 33.00 Uplink 902.4	dBm dBm MHz	Display GSM 1
Carri S S S S Over Long- Over	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot5/Off all Teim Thi	DdBm DdBm DdBm DdBm DdBm <b>roughput</b> <b>3</b>	BLER [%] 0.00 0.00 0.00 0.00 0.00 5.07 kBit	RLC Data Blocks  331 332 333 332  1328 s Per Slot	Data rate [kBir/s] 3.74 3.80 3.77  35.07 8.77 kBit/s	Cell : BCC Chanr Level PMax TCH Chanr Frequ DL Re Conn Slot •Circu OUL Me Servic DL Du	Setup H (PCL (PCL (PDCI rel / B ency ency eferenc confi t Switc t Pack easures is easures is al Ca	) Band ) H Carrier land ce Level iguration ched Stot ched Stot ched Stot wet Sw. Stot ment Stot	2 1 6 Downlin 947, -80.0	0 GSM 5 2 GSM 8 4 MHz 0 dBm Edit	1900 -80.00 33.00 900 Uplink 902.4	dBm dBm MHz	Display GSM 1 Signaling
Carri S S S S Over Long- Qver	er 1 lotD/Off lot1@-80 lot2@-80 lot2@-80 lot5/Off lot6/Off lot6/Off lot7/Off all Term Thi All	DdBm DdBm DdBm DdBm DdBm 3	BLER [%]  0.00 0.00 0.00  0.00	RLC Data Blocks	Data rate [kBit/s] 8.74 8.77 8.80 8.77 35.07 8.77 kBit/s	Cell : BCC Chann Level PMax TCH. Chann Frequ DL Re OL Re OL Re OL Re OL Mi Servic DL Du	Setup H (PCL (PCL PDCI eel / B ency eferenc eferenc confi t Switc t Switc t Switc t Switc t Switc t Switc t Sature t Pack t Pack	) H Carrier Iand Ce Level In Setup iguration Stot Stot ment Slot ment Slot	2 1 6 0 947. 	) GSM 2 GSM 4 MHZ 0 dBm Edit	900 -80.00 33.00 Uplink 902.4	≠ dBm dBm	Display GSM 1 Signaling

读取 Throughput。

10. 选择"Edit",配置相应的时隙和编码方式,如图;选择"GSM1 BLER",进入测试界面。MCS-9对应最高速率时的编码,下行为4个时隙。

🚯 GSM Sign:	ating BLER											GSM
Carrier 1	🥸 Slot Confi	guration										BLER
Slot0/	Carrier 1	Sarrier	2									OFF
-Slot16	-CS Tin	reslot	3									
-Slot2@		vel	EGPI	RS								
-Slot3@	UL Coo	ling Sche	me MCS	1 🔻								
Slot5/	Carrier	Settings	тсн (	Channel: 62		DL I	Ref. Le	evel: -	-80.00 d	Bm		ſ
-Slot6/	B-Slot Co	onfig	Uplin	k .		Down	link		1.55 - 55			
Slot7/	-		Used	Gamma		Used	Level	l Offsat	Cod	ing eme		<u>}</u>
Over all	Slo	10		13 13.0	dBm	Π.	<b>—</b>	0.00	dB MC	5.9		
Long-Term	Slo	11		13 13.0	dBm	17	122	0.00	dB MC	S.9 +		
Over 440	SI.			12 12.0	dBm	E C	172	0.00	dB MC	ca -		
		12 1051	PCL	10 13.0	dBm	11050	100. 100. 0	0.00	dB	3-3 -		
	Sto	13		13 13.0	dBm	<b>U</b>	17. U	0.00	dB MC	59 -		<u>}</u>
	510	+ 4	-	42 420	dBm	125	122	0.00	dB MC	c a -		Display
	310		19	15 12.0	ubin 10-	1 <b>4</b>	200	0.00		5-9 • C 0		Dispidy
	510	15		13 13.0	map	5000 1.449	AUG	0.00	ab MC	5.9 -		
	-Slo	t6		<b>13</b> 13.0	dßm		Π	0.00	dB MC	S-9 +		
	Slo	t7		13 13.0	dBm	1		0.00	dB MC	S-9 ▼		ļ
					- P				ē	- 50		GSM 1
					. 4	Apply	Un	ido	Ok		Cancel	Signaling
<u> </u>	Ŷ	Ŷ	RLC Data	Ŷ	-	ŕ		Υ		Υ		
		E	alock Count									Config
1												
🚯 GSM Sign:	aling BLER											GSM
GSM Sign:	aling BLER	BLER	RLC	Data rate	ç	ell Setuj	p					GSM BI ER
GSM Sign:	aling BLER	BLER [%]	RLC Data Blocks	Data rate [kBit/s]	G	ell Setuj ICCH	) Band		20	COM	IN 100	GSM BLER BLIN
Carrier 1	aling BLER	BLER [%]	RLC Data Blocks  500	Data rate [kBit/s]	C B Cł	ell Setuj ICCH hannel / E	) Band		20	GSM9	00	GSM BLER RUN
Carrier 1 Carrier 1 Slot0/0 Slot1@ Slot2@	aling BLER off -80dBm -80dBm	BLER [%]  0.00 0.00	RLC Data Blocks  500 500	Data rate [kBit/s] 58.92 58.91	Ci B Ci Le	ell Setuj CCH nannel / E vel	) Band		20	GSM:	000 ·	GSM BLER RUN
Carrier 1 Carrier 1 -Slot0/0 -Slot1@ -Slot2@ -Slot3@	nling BLER Hff -80dBm -80dBm -80dBm	BLER [%] 	RLC Data Blocks  500 500 500	Data rate [kBit/s] 58.92 58.91 58.91	G B Ct Le PN	ell Setuj ICCH Jannel / E Vel Max (PCL	o Band )	}	20	GSM9	000 • 80.00 dBm 33.00 dBm	GSM BLER RUN
Carrier 1 Carrier 1 -Slot0/O -Slot1@ -Slot2@ -Slot3@ -Slot4@	Hing BLER -80dBm -80dBm -80dBm -80dBm -80dBm	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks  500 500 500 500	Data rate [kBits] 58.92 58.91 58.91 58.91 58.91	G B Cł Le	ell Setuj CCH nannel / E wel Max (PCL	) Band -)	1	20 5	GSM:	00 - 80.00 dBm 33.00 dBm	GSM BLER RUN
Carrier 1 SlotD/O Slot2@ Slot3@ Slot4@ Slot4@ Slot5/O	aling BLER 9ff -80dBm -80dBm -80dBm -80dBm -80dBm -80dBm	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks 500 500 500 500	Data rate [kBit/s] 58.92 58.91 58.91 58.91 58.91	Ci B Ci Le Pi	ell Setuj ICCH Iannel / E Vel Max (PCL CH/PDC	9 Band -) H Carr	ier 1	20 5	GSM9	000 - 80.00 dBm 33.00 dBm	GSM BLER RUN
Carrier 1 SlotD/O Slot1@ Slot2@ Slot3@ Slot4@ Slot5/O Slot6/O Slot6/O	Ming BLER Mif -80dBm -80dBm -80dBm -80dBm Mif Mif	BLER [%] 0.00 0.00 0.00 0.00	RLC Data Blocks 500 500 500 500	Data rate [kBit/s] 58.92 58.91 58.91 58.91	Ci Di Le Ph T	ell Setup CCH nannel / E vel Max (PCL CH/PDC CH/PDC	9 Band ) H Carr Band	ier 1	20 5 62	GSMS 	00 - 80.00 dBm 33.00 dBm	GSM BLER RUN
Carrier 1 SlotD/O Slot1@ Slot2@ Slot2@ Slot2@ Slot4@ Slot6/O Slot6/O Slot6/O Slot6/O Slot6/O	11110 BLER 14 -80dBm -80dBm -80dBm -80dBm -80dBm 14 ff	BLER [%] 0.00 0.00 0.00 0.00 0.00  0.00	RLC Data Blocks 500 500 500 500  2000	Data rate [kBit/s] 58.92 58.91 58.91 58.91 58.91 235.60	G B Cł Le Pî T Ch	ell Setuj CCH nannel / E vel Max (PCL CH/PDC nannel / E	9 3and .) H Carr 3and	ier 1	20 5 62 Iownlink	GSMS 	000 - 80.00 dBm 33.00 dBm Uplink	GSM BLER RUN
Carrier 1 Slot0/0 Slot2@ Slot2@ Slot3@ Slot4@ Slot5/0 Slot6/0 Slot6/0 Over all	aling BLER BUDDEN -80dBm -80dB	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00	RLC Data Blocks 500 500 500 500 500 2000	Data rate [kBit/s] 58.92 58.91 58.91 58.91 58.91 235.66	C B C P P T C h	ell Setup ICCH vel Max (PCL CH/PDC nannel / E equency	9 3and -) H Carr 3and	ier 1	20 5 62 Iownlink 947.4	GSM9 GSM9 MHz	00 v 80.00 dBm 33.00 dBm 33.00 dBm Uplink 902.4 MHz	GSM BLER RUN
Carrier 1 Slot0/O Slot1@ Slot2@ Slot2@ Slot4@ Slot6/O Slot6/O Slot6/O Slot6/O Over all Long-Term Over All	hiling BLER biff -80dBm -80dBm -80dBm -80dBm Hiff Hiff Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500  2000 s Per Slot	Data rate [kBit/s] 58.92 58.91 58.91 58.91 28.91 235.66 58.91 kBit/s	G B Cł Le Př Ch	ell Setup icCH vel Max (PCL CH/PDC iannel / E equency . Referen	9 3and .) H Carr 3and ce Leve	ier 1 D	20 5 62 rewnlink 947.4 -80.00	GSM9 GSM9 MHz dBm	000 - 80.00 dBm 33.00 dBm 00 Uplink 902.4 MHz	GSM BLER. RUN
Carrier 1 SlotD/O Slot1@ Slot2@ Slot3@ Slot4@ Slot5/O Slot5/O Slot7/O Over all Long-Term Over All	Ming BLER Miff -80dBm -80dBm -80dBm -80dBm Miff Miff Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBit/s] 58.92 58.91 58.91 235.66 58.91 kBit/s	C B Cf Le PN T Ch Fn DL	ell Setup ICCH Inannel / E Vel Max (PCL CH/PDC Inannel / E equency . Referen	) 3and .) H Carr 3and ce Leve	ier 1 D	20 5 62 Iownlink 947.4 -80.00	GSMS GSM9 MHz dBm	000 • 80,00 dBm 33:00 dBm 33:00 dBm 900.4 MHz	GSM BLER RUN
Carrier 1 Carrier 1 SlotD/O Slot1@ Slot2@ Slot2@ Slot4@ Slot5/O Slot5/O Over all Long-Term Over All	hing BLER Hif -80dBm -80dBm -80dBm Hif Hif Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks  500 500 500 500  2000 s Per Slot	Data rate [kBit/s] 58.92 58.91 58.91 235.60 58.91 kBit/s	Cr B Cr Le Ph Cr Cr D	ell Setup iCCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen	P Band .) H Carr Band ce Leve on Setu	ier 1 D el	20 5 62 Iownlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 v 80.00 dBm 33.00 dBm 33.00 dBm 900.4 MHz	GSM BLER RUN
Carrier 1 Slot0/O Slot2@ Slot2@ Slot2@ Slot3@ Slot5/O Slot6/O Slot7/O Over all Long-Term Over All	aling BLER Mif -80dBm -80dBm -80dBm -80dBm Mif Mif Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00  0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBit/s] 58.92 58.91 58.91 235.66	Cr B Cr Le Ph T Cr Cr DL Cr S S Cr	ell Setup iCCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen onnectio lot Conf ircut Swit	) -) H Carr Jand ce Leve on Sett igurati	ier 1 D ei ion at r	20 5 62 cownlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 v 80.00 dBm 33.00 dBm 902.4 MHz	GSM BLER RUN
Carrier 1 Slot0/O Slot1@ Slot2@ Slot3@ Slot4@ Slot6/O Slot6/O Slot6/O Over all Long-Term Over All	aling BLER Miff -80dBm -80dBm -80dBm -80dBm Miff Miff Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00  0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBit/s] 58.92 58.91 58.91 58.91 235.66	Ci B Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci	ell Setup iCCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen itot Conf ircuit Switt acket Switt ircuit Switt	and -) H Carr Jand ce Leve in Sett igurati ched Slo kohed Slo kohed Slo kohed Slo	ier 1 D el ion st I ot I stat I	20 5 62 rownlink 947.4 80.00	GSM9 GSM9 MHz dBm	00 - 80.00 dBm 33.00 dBm 00 Uplink 902.4 MHz	GSM BLER RUN Display
Carrier 1 SlotD/O Slot1@ Slot2@ Slot3@ Slot4@ Slot6/O Slot6/O Slot6/O Slot6/O Slot7/O Over all Long-Term Over All	hing BLER Hiff -80dBm -80dBm -80dBm Hiff Hiff Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBirs] 58.92 58.91 58.91 235.60 58.91 kBit/s	Cr B Cr Le Ph T Cr Cr Dl Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr	ell Setup cCCH nannel / E wel Max (PCL CH/PDC annel / E equency . Referen onnectic ilot Conf ircut Switt acket Switt ircut   Pac	P Band -) H Carr Band ce Leve in Setu Tigurati Ched Slo Ched Slo Ched Slo Ched Slo Sched Slo Sched Slo Start Slo Ret Slo	ier 1 D ion ot Slot ( Slot ( iot	20 5 62 Iewnlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 - 80.00 dBm 33.00 dBm Uplink 902.4 MHz	GSM BLER RUN Display
Garrier 1 Slot0/O Slot1@ Slot2@ Slot3@ Slot4@ Slot5/O Slot6/O Slot7/O Over all Long-Term Over All	hing BLER Hif -80dBm -80dBm -80dBm Hif Hif Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks  500 500 500  2000 s Per Slot	Data rate [kBit/s] 58.92 58.91 58.91 235.66 58.91 kBit/s	Ci B Cr Le P Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr	ell Setup iCCH hannel / E vel Max (PCL annel / E equency . Referen incut Switt acket Switt incut Pac incut Pac	P Band J H Carr Band Ce Leve Ched Sid Cohed Sid Cohed Sid Cohed Sid Cohed Sid Cohed Sid Cohed Sid Cohed Sid	ier 1 D el stor stor stor t t t	20 5 62 Iownlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 v 80.00 dBm 33.00 dBm 33.00 dBm 902.4 MHz 902.4 MHz	GSM BLER RUN Disptay
Carrier 1 SlotD/O Slot1@ Slot2@ Slot2@ Slot2@ Slot6/O Slot7@ Slot7	aling BLER off -80dBm -80dBm -80dBm off off off Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBit/s] 58.92 58.91 58.91 235.60 58.91 kBit/s	Ci B Cr Le Ph Ch Fr DL Ci S C S C C S C C S C C S C C S C C C C	ell Setup CCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen lot Conf incut Switt acket Switt incut Pac L Measure ervice . Dual Ca	P Band -) H Carr Band cee Leve in Sett igurati ched Sic ket Siv S siment Sic arrier	ier 1 D ion st I Slot I fi fi	20 5 62 wwnlink 947.4 -80.00	GSM9 GSM9 MHz dBm Edit	00 v 80.00 dBm 33.00 dBm 902.4 MHz	GSM BLER RUN Display
Carrier 1 Slot0/O Slot1@ Slot2@ Slot3@ Slot4@ Slot5/O Slot6/O Slot7/O Over all Long-Term Over All	aling BLER off -80dBm -80dBm -80dBm -80dBm off off Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00  0.00	RLC Data Blocks 500 500 500 500 2000 2000	Data rate [kBit/s] 58.92 58.91 58.91 58.91 235.66	C C C C C C C C C C C C C C C C C C C	ell Setup iCCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen incut / Pe incut / Pe incut / Switt incut / Pe incut / Switt acket Switt incut / Pe incut	P Band -) H Carr Band ce Leve igurati ched Slo cohed Slo ket Swo ket Swo ket Swo ket Swo ket Swo ket Swo	ier 1 D ion at ot I Stat ion I I I	20 5 62 wwnlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 - 80.00 dBm 33.00 dBm 00 Uplink 902.4 MHz	GSM BLER RUN Display
Carrier 1 SlotD/O Slot1@ Slot2@ Slot3@ Slot4@ Slot6/O Slot7/O Over all Long-Term Over All	aling BLER off -80dBm -80dBm -80dBm off off Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 2000 2000	Data rate [kBirs] 58.92 58.91 58.91 235.60 58.91 kBit/s	Cr Cr Le Ph T Cr Cr DL Cr Cr Cr DL Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr	ell Setup cCCH hannel / E vel Max (PCL CH/PDC annel / E equency . Referen onnectio lot Conf ircut Switt acket Switt ircut   Pac L Measure envice	P Band -) H Carr Jand ce Leve in Setu Tigurati Ched Slo Ched Slo Ched Slo Ket Sw S ment Slo ment Slo	ier 1 D ion t Slot L I	20 5 62 fewnlink 947.4 -80.00 DL • • • UL E SLER	GSM9 GSM9 MHz dBm	00	GSM 1
Carrier 1 SlotD/O Slot1@ Slot2@ Slot3@ Slot4@ Slot5/O Slot5/O Over all Long-Term Over All	aling BLER off -80dBm -80dBm -80dBm off off off Throughput: 23	BLER [%] 0.00 0.00 0.00 0.00 0.00 0.00 5.66 kBit/s	RLC Data Blocks  500 500 500  2000 s Per Slot	Data rate [kBit/s] 58.92 58.91 58.91 235.66	Ci B Ci Le Pi Ci Ci S Ci Ou Se Ou Se DL	ell Setup CCH hannel / E vel Max (PCL CH/PDC annel / E equency . Referen itor Conf ircuit Switt acket	P Band -) H Carr Band cee Leve in Sett Tigurati ched Sic ket Sw S sment Sic	ier 1 p ion at I Slot I i i i	20 5 62 wwnlink 947.4 -80.00	GSM9 GSM94 MHz dBm	00 0 80,00 dBm 33,00 dBm 33,00 dBm 902,4 MHz 902,4 MHz	GSM BLER RUN Display GSM 1 Signaling
Carrier 1 Slot0/O Slot1@ Slot2@ Slot4@ Slot4@ Slot6/O Slot6/O Slot6/O Slot6/O Over all Long-Term Over All	aling BLER off -80dBm -80dBm -80dBm -80dBm off -80dBm off -80dBm -80	BLER [%] 0.00 0.00 0.00 0.00  0.00 5.66 kBit/s	RLC Data Blocks 500 500 500 2000 2000 sPer Slot	Data rate [kBit/s] 58.92 58.91 58.91 235.60 58.91 kBit/s	C B C C C C C C C C C C C C C C C C C C	ell Setup iCCH hannel / E vel Max (PCL CH/PDC hannel / E equency . Referen incut Pac incut Pac incut Pac incut Pac arvice . Dual Ca	and -) H Carr Jand ce Leve igurati ched Slo cohed Slo cohed Slo soment Slo arrier	ier 1 D ion at I Stat [ iot ] iot ] iot ]	20 5 62 wwnlink 947.4 -80.00	GSM9 GSM9 MHz dBm	00 - 80.00 dBm 33.00 dBm 00 Uplink 902.4 MHz	GSM BLER RUN Display GSM 1 Signaling Coofin

读取 Throughput。