

Agilent Spectrum Analyzer - Swept SA			Summer Provention	- 6 ×
RL RF 50Ω A Center Freq 15.000000	PNO: Fast Trig: Free Run	#Avg Type: RMS	03:57:39 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dB	IFGain:High #Atten: 0 dB	Mkr1	18.906 47 GHz -82.799 dBm	Auto Tune
30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0				Stop Freq 20.000000000 GHz
80.0			1 RMS	CF Step 1.000000000 GH; <u>Auto</u> Mar
-100				Freq Offset 0 Ha
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ASG	#* B** 5.0 WITZ	STATUS		

LTE B2_3 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			Second Second Second	- ē 🔀
RL RF 50Ω A Center Freq 15.000000	PNO: Fast Trig: Free Run	#Avg Type: RMS	04:00:10 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dB	n sammign	Mkr1	18.917 72 GHz -82.735 dBm	Auto Tune
-og 30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0 70,0				Stop Freq 20.000000000 GHz
80.0			1 RMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
-110 Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sween 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ANGS DWY THO WITHZ		STATUS		

LTE B2_3 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			Surgers Prove	- 6 ×
M RL RF 50Ω A Center Freq 15.000000	000 GHz PNO: Fast +++ Trig: Free Run	#Avg Type: RMS	04:02:14 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dB	i summin	Mkr1	18.814 72 GHz -82.925 dBm	Auto Tune
-og -30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0 70.0				Stop Freq 20.000000000 GHz
90.0			A TRIMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sween 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ASG		STATUS		

LTE B2_3 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			the same street	- ē 🔀
M RL RF 50Ω AC Center Freq 15.00000000		#Avg Type: RMS	04:04:21 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW	Frequency
	PNO: Fast Trig: Free Run IFGain:High #Atten: 0 dB		DET A A A A A A	Auto Tune
10 dB/div Ref -20.00 dBm		WIKE	18.945 97 GHz -82.676 dBm	
-30,0				Center Freq 15.000000000 GHz
-40.0				Start Freq 10.000000000 GHz
-60.0				Stop Freq 20.000000000 GHz
-80.0			1 BMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
-110			Stop 20.000 GHz	
#Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 20	5.67 ms (40000 pts)	

LTE B2_5 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			Sector Sector	- 6 🔀
RL RF 50 Ω AC Center Freq 15.0000000	PNO: Fast Trig: Free Run	ALIGN AUTO #Avg Type: RMS	04:06:49 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dBr	n ounangn	Mkr1	18.961 72 GHz -82.935 dBm	Auto Tune
-og -30.0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0				Stop Freq 20.000000000 GHz
-80.0 			1 Finds	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
	#VDVV 5.0 WI12	Sweep 20		

LTE B2_5 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			States and the states	- 6 🔀
RL RF 50Ω A Center Freq 15.000000	000 GHz PNO: Fast Trig: Free Run	#Avg Type: RMS	04:08:57 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WANNAMM DET A A A A A A	Frequency
10 dB/div Ref -20.00 dB	IFGain:High #Atten: 0 dB	Mkr1	18.817 72 GHz -83.044 dBm	Auto Tune
30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Fred 10.000000000 GHz
60,0 70.0				Stop Freq 20.000000000 GHz
80.0			1 RMS	CF Step 1.000000000 GHz <u>Auto</u> Mar
-100				Freq Offset 0 Ha
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ANGS BYY TRO MITZ		STATUS		

LTE B2_5 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			and the second second	- d ×
Center Freq 15.0000000	00 GHz PNO: Fast Trig: Free Run	#Avg Type: RMS	04:11:06 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW	Frequency
10 dB/div Ref -20.00 dBm	IFGain:High #Atten: 0 dB	Mkr1	18.926 97 GHz -82.767 dBm	Auto Tune
-30.0				Center Freq 15.000000000 GHz
-40.0				Start Freq 10.000000000 GHz
-60,0				Stop Freq 20.000000000 GHz
-80.0			1 FMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
MSG		Sweep 20		

LTE B2_10 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			and the second second	- 6 ×
₩ RL RF 50Ω A/ Center Freq 15.000000		#Avg Type: RMS	04:13:37 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
10 dB/div Ref -20.00 dB	n oumanyn	Mkr	1 18.927 72 GHz -82.593 dBm	Auto Tune
- og 30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0 70,0				Stop Freq 20.000000000 GHz
80 0 90 0			1 Forms	CF Step 1.000000000 GHz <u>Auto</u> Man
100				Freq Offset 0 Hz
-110 Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Swoon 2	Stop 20.000 GHz 6.67 ms (40000 pts)	
		Sweep 2		

LTE B2_10 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			A COLORADO	- 5
RL RF 50Ω AC Center Freq 15.000000	000 GHz PNO: Fast Trig: Free Run	ALIGN AUTO #Avg Type: RMS	04:15:48 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
10 dB/div Ref -20.00 dBr	ii Gumanyn	Mkr	18.945 22 GHz -82.580 dBm	Auto Tune
-og 30.0				Center Freq 15.000000000 GHz
40.0				Start Fred 10.000000000 GHz
60.0				Stop Free 20.000000000 GH;
80.0 90.0			1 FMS	CF Step 1.000000000 GH2 <u>Auto</u> Mar
100				Freq Offse 0 H:
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sween 2	Stop 20.000 GHz 6.67 ms (40000 pts)	
ISG		STATU		

LTE B2_10 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			and the second second	- 0 ×
RL RF 50 Ω AC Center Freq 15.0000000	00 GHz PNO: Fast Trig: Free Run	#Avg Type: RMS	04:18:02 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW	Frequency
10 dB/div Ref -20.00 dBm	IFGain:High #Atten: 0 dB	Mkr1	18.948 22 GHz -82.711 dBm	Auto Tune
-30.0				Center Freq 15.000000000 GHz
-40.0				Start Freq 10.000000000 GHz
60,0 70,0				Stop Freq 20.000000000 GHz
80.0 90.0			1 FMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
	-# V DVV 5.0 WITZ	Sweep 20		

LTE B2_15 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			and the second	- 6 🔀
RL RF 50Ω AC Center Freq 15.000000	000 GHz PNO: Fast Trig: Free Run	#Avg Type: RMS	04:20:37 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref -20.00 dB	n ounangn	Mkr1	18.917 47 GHz -82.813 dBm	Auto Tune
-og 30.0				Center Freq 15.000000000 GHz
40.0 50.0				Start Fred 10.000000000 GHz
60,0 70.0				Stop Fred 20.000000000 GHz
80.0 90.0			1 Finis	CF Step 1.000000000 GHz <u>Auto</u> Mar
-100				Freq Offset 0 Ha
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ASG		STATUS		

LTE B2_15 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			States and states	- d ×
M RL RF 50 Ω AC Center Freq 15.0000000	000 GHz	#Avg Type: RMS	04:22:54 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW	Frequency
10 dB/div Ref -20.00 dBr	IFGain:High #Atten: 0 dB	Mkr1	18.937 97 GHz -82.608 dBm	Auto Tune
				Center Freq 15.000000000 GHz
40.0				Start Freq 10.000000000 GHz
80.0				Stop Freq 20.000000000 GHz
80.0			1 RMS	CF Step 1.000000000 GHz <u>Auto</u> Man
-100				Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
	#VDVV 3.0 WHZ	Sweep 20		

LTE B2_15 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				States of the states	- 6 ×
M RL RF 50 Ω AC Center Freq 15.0000000		#Avg T Run	ALIGN AUTO	04:25:13 PM May 08, 2024 TRACE 2 3 4 5 6 TYPE A WWWW	Frequency
10 dB/div Ref -20.00 dBr	IFGain:High #Atten: 0	dB	Mkr1	18.916 22 GHz -82.972 dBm	Auto Tune
30,0					Center Freq 15.000000000 GHz
40.0 50.0					Start Freq 10.000000000 GHz
60.0 70.0					Stop Freq 20.000000000 GHz
80.0 90.0				A RMS	CF Step 1.000000000 GHz Auto Mar
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz		Sween 26	Stop 20.000 GHz 67 ms (40000 pts)	
ANGS DW TO WITZ	# VEVV 5.0 WITZ		STATUS	er ins (violo pts)	

LTE B2_20 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA			and the second	- 0 ×
RL RF 50Ω A Center Freq 15.000000	000 GHz PNO: Fast Trig: Free Run	#Avg Type: RMS	04:27:54 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WANNY DET A A A A A A	Frequency
10 dB/div Ref -20.00 dB	IFGain:High #Atten: 0 dB	Mkr1	18.865 72 GHz -82.886 dBm	Auto Tune
30,0				Center Freq 15.000000000 GHz
40.0 50.0				Start Freq 10.000000000 GHz
60,0 70.0				Stop Freq 20.000000000 GHz
90 û			A BMS	CF Step 1.000000000 GH; <u>Auto</u> Mar
-100				Freq Offset 0 Ha
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sween 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ASG		STATUS		

LTE B2_20 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA		-	and the second	- d ×
Center Freq 15.0000000	PNO: Fast Irig: Free Run	#Avg Type: RMS	04:30:16 PM May 08, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dBm	IFGain:High #Atten: 0 dB	Mkr1	18.921 97 GHz -82.904 dBm	Auto Tune
30,0				Center Freq 15.000000000 GHz
50.0				Start Fred 10.000000000 GHz
60,0 70,0				Stop Fred 20.000000000 GH2
80.0			1 FMS	CF Step 1.000000000 GH; <u>Auto</u> Mar
-100				Freq Offse 0 H:
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 26	Stop 20.000 GHz 5.67 ms (40000 pts)	
ISG		Sweep 20		

LTE B2_20 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



Report No. HCT-RF-2405-FC033-R1

11. TEST PLOTS(Sub 5 Ant)

F-TP22-03 (Rev. 06)



						trum Analyzer - Swept SA	
Frequency	01:11:59 PM May 09, 2024 TRACE 2 3 4 5 6 TYPE A WAAAAA DET A A A A A A	ALIGN AUTO		140.000	GHz PNO: Wide	req 1.850000000	enter F
Auto Tun	1.850 000 GHz -20.947 dBm	Mkr1				Ref Offset 26.7 dB Ref 26.70 dBm	0 dB/div
Center Fre 1,85000000 GH			m				16.7
Start Fre 1.848000000 GH							3.30
Stop Fre 1.852000000 GH	-13.00 dBm		/ 1				23.3
CF Ste 400.000 kH Auto Ma	\	Manufacture mon		-			33.3 43.3
Freq Offse 0 H	and the for a second			and the second s	v dr. Britskingt, fingereiter	want the two along the second	53.3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep		47 kHz	#VBW	350000 GHz	63,3
		STATUS					SG

LTE B2_1.4 M_BandEdge_Low_QPSK_1RB



								a stand on the second second	trum Analyzer - S	
Frequency	May 09, 2024	01:11:23 P TRAC TYF DE	ALIGN AUTO	#		Trig: Free #Atten: 2	PNO: Wide		RF 50	enter
Auto Tun	00 GHz 95 dBm	1.850 0 -24.8	Mkr1				Guineon	26.7 dB	Ref Offset2 Ref 26.70	0 dB/div
Center Free 1,850000000 GH										16.7
Start Fre 1.848000000 GH			64.20L944944494449999449	abaar ma	- Contraction of the second se					6.70 3.30
Stop Fre 1.852000000 GH	-13.00 tBm				1					13.3
CF Ste 400.000 kH Auto Ma		1								33.3 43.3
Freq Offse 0 H								mannent	many angle with	53.3
	.000 MHz 1001 pts)	Span 4	#Sween			47 kHz	#VBW	z	850000 GH	Center 1 Res BV
	ree proj	1.000 5 (STATUS			ALL	# U BIN			ISG

LTE B2_1.4 M_BandEdge_Low_QPSK_FullRB



	rum Analyzer - Channe		1			
Center Fr	eq 1.848500		SENSE:INT Center Freq: 1.848500 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 0000 GHz Avg Hold: 300/300	01:11:33 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 26 Ref 30.00					
Log 20.0 10.0						Center Freq 1.848500000 GHz
-10.0						
30.0 40.0 50.0						
Center 1.8 Res BW 3			VBW 390 kH	z	Span 4 MHz Sweep 3.2 ms	CF Step 400.000 kH Auto Mar
	el Power 5 48 dB	m / 1 MHz		Spectral Dens 95.48 dBm		Freq Offse 0 H:
	0.40 ab			STATU		





	SENSE:INT Trig: Free Run #Atten: 20 dB	ALION AUTO #Avg Type: RMS	01:16:49 PMMay 09, 202 TRACE 1 2 3 4 5 TYPE A DET AAAAA 1 1.910 000 GH; -19.914 dBn	A Auto Tune
IFGain:Low 4	#Atten: 20 dB	Mkr	1 1.910 000 GH	Auto Tune
ſ	many.			Center Fre 1.910000000 GH
				Start Fre 1.908000000 GH
	1		-13.00 69	Stop Fre 1,912000000 GH
road				CF Stej 400.000 kH <u>Auto</u> Ma
	<u> </u>	hud new decision records	Mondana Parting	Freq Offse 0 H
#VBW 4	7 kHz	#Sweep	Span 4.000 MH 0 1.000 s (1001 pts	Z 3)
	#VBW 4	#VBW 47 kHz	#VBW 47 kHz #Sweep	Span 4.000 MH

LTE B2_1.4 M_BandEdge_High_QPSK_1RB



6	1 PM May 09, 2024	Distant and	ALIGN AUTO		ENSE:INT		-	m Analyzer - Swept SA RF 50 Ω AC	Agilent Spec
Frequency	ACE 1 2 3 4 5 6 TYPE A WARAAAA	TRA	Type: RMS	#Avg T	ee Run	1.000	GHz PNO: Wide ↔	q 1.910000000	
Auto Tun	000 GHz 028 dBm	1.910 -25.0	Mkr1					Ref Offset 26.7 dB Ref 26.70 dBm	dB/div
Center Fre 1.910000000 GH									6.7
Start Fre 1.908000000 GH							ىرىيەتىرىيەت ئەتھەيلەر يېرىكى مەلىيەت بەرىيەت ئەتھەيلەر يەتىرىيەت ئەتھەيلەر يەتەرىيەت ئەتھەيلەر يەتەرىيەت ئەتھە	- Prips-matrix	.70
Stop Fre 1.912000000 GH	-13 QD 6Bm				1				3.3
CF Stej 400.000 kH Auto Ma				and the second second	S. Showned				3.3 3.3
Freq Offse 0 H	RMS		and a server						3.3
	4.000 MHz 5 (1001 pts)	Span - 1.000 s	#Sweep			47 kHz	#VBW	0000 GHz 5 KHz	enter 1.9
			STATUS						G

LTE B2_1.4 M_BandEdge_High_QPSK_FullRB



RL	rum Analyzer - Chann RF 50 Ω eq 1.911500	AC	SENSE:INT Center Freq: 1.911500 → Trig: Free Run #Atten: 20 dB	ALIGN AUTO 0000 GHz Avg Hold: 300/300	01:16:20 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 2 Ref 30.00					
.og 20.0 10.0	7					Center Fred 1.911500000 GH
0.00 0.0 0.0						
0.0 0.0 0.0	- Maria					
enter 1.9					Span 4 MHz	CF Stej 400.000 kH <u>Auto</u> Ma
es BW 3	9 KHZ el Power		VBW 390 kH Power	z Spectral Dens	Sweep 3.2 ms	Freq Offse
-3	4.57 dB	m / 1 MHz	-	94.57 dBm	/Hz	
ŝĠ				STAT	IS	

LTE B2_1.4 M_Extended Band Edge _High_QPSK_FullRB



								um Analyzer - Swe		
Frequency	01:18:54 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WARKEN DET A A A A A A A	e: RMS	#Avg Typ		Trig: Fre	PNO: Wide	00000 G	RF 50 g		Cen
Auto Tune	1.850 000 GHz -21.223 dBm	Mkr1		: 20 dB	#Atten: 2	IFGain:Low	6.7 dB	Ref Offset 26 Ref 26.70	3/div	0 dE
Center Fred 1.850000000 GH				\cap						16.7
Start Free 1.848000000 GH										6.70 3.30
Stop Free 1.852000000 GH	-\13.00 dBm		1	1						13.3 23.3
CF Step 400.000 kH Auto Mar	any Marcal Alexandra BUS	Marcharderon	3 Arthon	/	1					33.3 43.3
Freq Offse 0 H	And Marker Ma				AND CONTRACT		arrand the second second	www.martalleo.com	and the second	43.3 53.3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween		,	91 kHz	#VBW		50000 GHz	ter 1.85 BW 3	
_		STATUS				<i>"</i>				ISG

LTE B2_3 M_BandEdge_Low_QPSK_1RB



							m Analyzer - Swept SA	
Frequency	01:18:20 PM May 09, 2024 TRACE 1 2 3 4 5 0 TYPE A 4 A A A A A DET A A A A A A A	ALIGN AUTO e: RMS	#Avg Ty		Trig: Free #Atten: 2	CHZ PNO: Wide	q 1.850000000	Center F
Auto Tune	1.849 996 GHz -24.050 dBm	Mkr1				Troam.Low	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fred 1.850000000 GH:								16.7
Start Free 1.848000000 GH	RINS	- 	er yr yr yn der of te b					6.70 3.30
Stop Free 1.852000000 GH	-13 00 08m			1				13.3
CF Step 400.000 kH Auto Mar					would	- A CONTRACTOR OF CONTRACTOR	and an an and and an	-33.3
Freq Offse 0 H								53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween			91 kHz	#VBW	0000 GHz	Center 1.3
	1001 113)	STATUS						ISG

LTE B2_3 M_BandEdge_Low_QPSK_FullRB



	rum Analyzer - Chan		4				1		0	a ×
Center Fr	eq 1.84850		Center Trig: F			ALIGN AUTO	Radio Std: Radio Devi		Freque	ncy
10 dB/div Log	Ref Offset Ref 30.00		,							
20.0									Cente 1.8485000	er Fred
0.00										
20.0										
40.0 50.0										
Center 1.8 Res BW 3			V	BW 390 kHz				an 4 MHz o 3.2 ms	400.0	F Stej 000 kH Ma
Chann	el Power		Power S	Spectra	al Dens	sity		Freq O	Offse 0 H	
-2	4.83 dE	3m / 1 MHz		-8	4.83	dBm	/Hz			
ISG						STATU	s			

LTE B2_3 M_Extended Band Edge_Low_QPSK_FullRB



					trum Analyzer - Swept SA	
Frequency	01:24:12 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WARKEN DET A A A A A A A	ALIGN AUTO #Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	GHZ PNO: Wide	RF 50 Ω AC req 1.910000000	Center Fr
Auto Tune	1.910 000 GHz -20.581 dBm	Mkr1	Writen 20 ab	IFGall:LOW	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fred 1.910000000 GH			\cap			16.7
Start Fre 1,908000000 GH						6.70 3.30
Stop Fre 1.912000000 GH	-13.00 dBm		1			13.3
CF Stej 400.000 kH Auto Ma				methoda	mont por a deal of a start and a start	33.3
Freq Offse 0 H	RMS	mappelaport-particular and a second	Here,			53.3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	01 kHz	#VBW 9	910000 GHz 30 kHz	Center 1.9 #Res BW
		STATUS				ISG

LTE B2_3 M_BandEdge_High_QPSK_1RB



0.0	01:23:33 PM May 09, 2024	ALIGN AUTO		NSE:INT	SE	- 1	ctrum Analyzer - Swept SA RF 50 Ω AC	Agilent Spe
Frequency	TRACE 1 2 3 4 5 0 TYPE A WATCHING DET A A A A A A		#Avg Ty	e Run	1.0.0	CHZ PNO: Wide	req 1.91000000	
Auto Tur	.910 000 GHz -24.345 dBm	Mkr1					Ref Offset 26.7 dB Ref 26.70 dBm	0 dB/div
Center Fre 1.91000000 GF								16.7
Start Fre					-			:30
Stop Fre 1.912000000 GF	≥13,00 dBm			1				3.3
CF Ste 400.000 kł Auto Ma	RMS		and have been and and and and and and and and and an	- and -				3.3
Freq Offs 0 I								3,3
	Span 4.000 MHz I.000 s (1001 pts)	#Sween			91 kHz	#\/B)A(910000 GHz	enter 1. Res BW
-	1000 5 (1001 5/5)	STATUS			6-1 III 12	<i>"</i> • D • •	00 MIL	SG

LTE B2_3 M_BandEdge_High_QPSK_FullRB



Center Fre	RF 50 ຄ ອຊ 1.911500		Low	SENSE:INT Center Freq: 1.9 Trig: Free Run #Atten: 20 dB		ALIGN AUTO Hz Hold: 300/300	01:23:43 F Radio Std Radio Dev		Frequency
0 dB/dív	Ref Offset 2 Ref 30.00				,				
20.0 10.0									Center Fred 1.911500000 GH:
0.0									
0.0 0.0 0.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~						
0.0									CF Step
enter 1.9 es BW 39				VBW 39	0 kHz		Sp Swee	an 4 MHz p 3.2 ms	400.000 kH Auto Ma
Chann	el Power			Pov	Power Spectral Density				
-20	6.52 dB	m / 1 MI	Ηz		-86.	52 dBm	/Hz		
iG						STATUS	5		

LTE B2_3 M_Extended Band Edge_High_QPSK_FullRB



- 6 ×									ctrum Analy		
Frequency	M May 09, 2024	01:26:18 PI TRAC TYP DE	RMS	#Avg Type	SENSE:INT	1.1.1	CHZ PNO: Wide	50 Ω AC	req 1.8		R Cen
Auto Tune	00 GHz 37 dBm	1.850 0 -21.1	Mkr1				IT GUILLOW	et 26.7 dB 70 dBm		B/div	l0 dE
Center Free 1.850000000 GH					ſ						16.7
Start Fre 1.848000000 GH											6.70 3.30
Stop Fre 1.852000000 GH	-13.00 dBm				1						13.3 23.3
CF Ste 400.000 kH <u>Auto</u> Ma	RMS	all open to add the open	Law Anna Walnut	À	/	/					33.3 43.3
Freq Offse 0 H	and the second second								الأحميري <mark>ي</mark> والم	سيعم	53,3
	.000 MHz 1001 pts)	Span 4 1.000 s (#Sweep		Hz	160 kHz	#VBW	Hz	850000 51 kHz	nter 1.	
			STATUS								ISG

LTE B2_5 M_BandEdge_Low_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
RL RF 50 Ω AC Center Freq 1.85000000	0 GHz PNO: Wide	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:25:43 PM May 09, 2024 TRACE 2 3 4 5 0 TYPE A WAYANA DET A A A A A A	Frequency
Ref Offset 26.7 dB 10 dB/div Ref 26.70 dBm	IFGail:Low	WAILEN, 20 0D	Mkr1	1.850 000 GHz -25.042 dBm	
16.7					Center Fre 1,850000000 GH
3.30		ſ	an a	Rins	Start Fre 1.848000000 GH
13.3		1		-413.00 dBm	Stop Fre 1.852000000 GH
33.3 43.3	anna glada an ga an da an an an glada an a				CF Ste 400.000 kH Auto Ma
53.3					Freq Offs 0 H
63.3 Center 1.850000 GHz #Res BW 51 kHz	#VBW	160 kHz	#Sweep	Span 4.000 MHz 1.000 s (1001 pts)	
ISG			STATU		-

LTE B2_5 M_BandEdge_Low_QPSK_FullRB





Agilent Spectr	rum Analyzer - Chann					- 5 ×			
	RF 50 Ω eq 1.848500	AC 0000 GHz #IFGain:Low	SENSE:INT Center Freq: 1.848500000 GHz Trig: Free Run Avg Hol #Atten: 20 dB	ALIGN AUTO	01:25:53 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency			
10 dB/div									
20.0						Center Freq 1.848500000 GHz			
-10.0					\square				
-20.0		and the second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
-50.0						CF Step			
Center 1.8 Res BW 3			VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	400.000 kHz <u>Auto</u> Man			
	el Power		Power Spect			Freq Offset 0 Hz			
-2	4.94 GB	M / 1 MHz	-84.54	aBm	/Hz				
MSG				STATU	JS				

LTE B2_5 M_BandEdge_Low_QPSK_FullRB



					trum Analyzer - Swept SA	
Frequency	01:30:55 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WARNAW DET A A A A A A A	#Avg Type: RMS	SENSE:INT	PNO: Wide +++	RF 50 Ω AC req 1.910000000	Center F
Auto Tune	1.910 000 GHz -20.931 dBm	Mkr1	#Atten: 20 dB	IFGain:Low	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Free 1.910000000 GH			7			16.7
Start Fre 1.908000000 GH						6.70 3.30
Stop Fre 1.912000000 GH	-13.00 dBm		1			13.3
CF Ste 400.000 kH Auto Ma				and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	33.3 43.3
Freq Offse 0 H	BMS BMS	htteren and an an and an				53.3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween	160 kHz	#VBW	910000 GHz 51 kHz	Center 1. #Res BW
-	-	STATUS				ISG

LTE B2_5 M_BandEdge_High_QPSK_1RB



							ctrum Analyzer - Swept SA	
Frequency	M May 09, 2024 2E 1 2 3 4 5 6 PE A 4 A A A A A ET A A A A A A A	01:30:17 F TRA TY D	ALIGN AUTO		Trig: Fre	PNO: Wide	RF 50 1 AC req 1.910000000	Center F
Auto Tune	008 GHz 94 dBm	1.910 (-25.7	Mkr1			I Gameon	Ref Offset 26.7 dB Ref 26.70 dBm	0 dB/div
Center Fred 1.910000000 GH								16.7
Start Free 1.908000000 GH					7	an a		6.70 3.30
Stop Free 1.912000000 GH	-13.00 dBm			1	- Love			13.3
CF Ster 400.000 kH Auto Mar	RMS		nertingen and and and and and and and and and an					33.3
Freq Offse 0 H								53.3
	.000 MHz (1001 pts)	Span 4	#Sweep	2	160 kHz	#VBW 1	910000 GHz 51 kHz	Center 1.
			STATUS					ISG

LTE B2_5 M_BandEdge_High_QPSK_FullRB



Agilent Spectrum Analyz RL RF	50 Q AC	1	SENSE:INT	0000 GHz	ALIGN AUTO	01:30:26 P	MMay 09, 2024	Frequency		
enter Fred 1.9	11500000 GHz #IFGain	-+-	Trig: Free Run Avg Hold: 300/3 #Atten: 20 dB			Radio Devi				
0 dB/div Ref	Offset 26.7 dB 30.00 dBm									
og 20.0								Center Fre 1.911500000 GH		
0.00										
0.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
D.0 D.0								CF Ste		
enter 1.912 GH es BW 39 kHz	Iz		VBW 390 kHz				an 4 MHz p 3.2 ms	400.000 kH		
Channel Po	wer		Power	Power Spectral Density						
-25.61	dBm /1M	Hz	-	85.61	dBm	/Hz				
G					STATU	5		<u>.</u>		

LTE B2_5 M_Extended Band Edge_High_QPSK_FullRB



- 5 ×								um Analyzer - Swept SA	
Frequency	May 09, 2024	01:33:03 PI TRAC TYP	RMS	#Avg Typ		Trig: Free	SHZ PNO: Wide	RF 50 Ω AC eq 1.850000000	Center F
Auto Tune	00 GHz 12 dBm	1.850 0	Mkr1		20 dB	#Atten: 20	IFGain:Low	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fred 1.850000000 GH:				$ \wedge $					16.7
Start Free 1.848000000 GH									6.70 3.30
Stop Fred 1.852000000 GH:	-13.00 dBm		1						-13.3
CF Step 400.000 kH Auto Mar	RMS	hermon			^ '	- All			-33.3
Freq Offse 0 H									53.3
	000 MHz 1001 pts)	Span 4.	#Sweep			300 kHz	#VBW	50000 GHz 00 KHz	Center 1.3
_			STATUS						ISG

LTE B2_10 M_BandEdge_Low_QPSK_1RB



								trum Analyzer - S			
Frequency	01:32:29 PM May 09, 2024 TRACE 1 2 3 4 5 1 TYPE A WARNEY DET A A A A A A A	RMS	#Avg Typ		Trig: Free #Atten: 20	PNO: Wide	50 Ω AC		enter F		
Auto Tune	Ref Offset 26.7 dB Ref 26.70 dBm 29										
Center Free 1.850000000 GH									6.7		
Start Free 1.848000000 GH	FMS		\int						.70		
Stop Fre 1.852000000 GH	-13.QD dBm			1					3.3		
CF Stej 400.000 kH Auto Ma							aladariga matalang Pangan bili sang	and the second secon	3.3		
Freq Offse 0 H									3,3		
	Span 4.000 MHz 000 s (1001 pts)	#Swoop			300 kHz	#\//B\M	iHz	350000 GH 100 kHz			
	000 s (1001 pts)	STATUS			500 KHZ	#VDVV		100 KH2	G		

LTE B2_10 M_BandEdge_Low_QPSK_FullRB



Center Fr	eq 1.848500		SENSE:INT Center Freq: 1.848500 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 0000 GHz Avg Hold: 300/300	01:32:38 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/dív	Ref Offset 26 Ref 30.00			_		
20.0						Center Fred 1.848500000 GHz
10.0 20.0 30.0						
40.0 50.0 60.0						CF Step
Center 1.3 Res BW 3			VBW 390 kH	z	Span 4 MHz Sweep 3.2 ms	400.000 kH Auto Mar
Chann	el Power		Power	Spectral Dens	sity	Freq Offset 0 Hz
-2	3.45 dBi	m / 1 MHz	-	33.45 dBm	/Hz	
ISG				STATU	S	

LTE B2_10 M_Extended Band Edge_Low_QPSK_FullRB



							trum Analyzer - Swep	
Frequency	01:37:46 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	ALIGN AUTO Avg Type: RMS		1.0.00	IO: Wide 🔸	00000 GH	eq 1.91000	Center F
Auto Tun	.910 000 GHz -28.874 dBm	Mkr1	0 dB	#Atten: 2	Sain:Low	.7 dB	Ref Offset 26. Ref 26.70 d	0 dB/div
Center Fre 1.910000000 GH					\bigwedge			16.7
Start Fre 1.908000000 GH				<u></u>				5.70 1.30
Stop Fre 1.912000000 GH	413 00 dBm		1	1		/		3.3
CF Ste 400.000 kH Auto Ma			hann			/	manum	3.3
Freq Offso 0 F	FBMS							3.3
	Span 4.000 MHz .000 s (1001 pts)	#Sweep		300 kHz	#\/B\A		10000 GHz	Senter 1.9
-	inter s (neer pis)	STATUS		000 M12	WVDVV			SG

LTE B2_10 M_BandEdge_High_QPSK_1RB



- 5 -		117511 1175	COMPANY AND		Agilent Spec
Frequency	01:37:09 PM May 09, 2024 TRACE 1 2 3 4 5 0 TYPE A WARANA DET A A A A A A	ALIGN AUTO #Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	50 Ω AC 910000000 GHz PNO: Wide ↔ IFGain:Low	Center Fi
Auto Tun	1.910 000 GHz -28.162 dBm	Mkr1		offset 26.7 dB 26.70 dBm	l0 dB/div
Center Fre 1.910000000 GH					16.7
Start Fre 1.908000000 GH					5.70 3.30
Stop Fre 1.912000000 GF	-13.00 dBm		Sur_ 1		13.3
CF Ste 400.000 kH Auto Ma	RMS		and		43.3
Freq Offs 0 F					53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween	300 kHz		Center 1.9
		STATUS			ISG

LTE B2_10 M_BandEdge_High_QPSK_FullRB



Agilent Spectrum Analyzer - Channel Power				
Center Freq 1.911500000 GHz	SENSE:INT Center Freq: 1.911500000 GH Trig: Free Run Avg H in:Low #Atten: 20 dB	align Auto z old: 300/300	01:37:18 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.7 dB 0 dB/div Ref 30.00 dBm				
0.0				Center Free 1.911500000 GH
00				
10 mm				
0.0 00				
enter 1.912 GHz es BW 39 kHz	VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	CF Ste 400.000 kH Auto Ma
Channel Power	Power Spec	tral Dens		Freq Offset 0 Hz
-23.83 dBm / 11	инz -83.8	3 dBm	/Hz	
G		STATU	0	

LTE B2_10 M_Extended Band Edge_High_QPSK_FullRB



	01:40:00 PM May 09, 2024	ALIGN AUTO	SENSE:INT	rtrum Analyzer - Swept SA RF 50 Ω AC	Agilent Spect
Frequency	TRACE 1 2 3 4 5 6 TYPE A WAXWAND DET A A A A A A A	#Avg Type: RMS	a de la com	req 1.850000000 GHz PNO: Wide ↔ IFGain:Low	
Auto Tun	1.850 000 GHz -25.544 dBm	Mkr1		Ref Offset 26.7 dB Ref 26.70 dBm	0 dB/div
Center Fre 1,85000000 GH					16.7
Start Fre 1.848000000 GH					6.70 3.30
Stop Fre 1.852000000 GH	-13,00 dBm		1/		13.3
CF Ste 400.000 kH Auto Ma					43.3
Freq Offs 0 H					53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	470 kHz	850000 GHz 150 kHz #VBM	Center 1.8
		STATUS			SG

LTE B2_15 M_BandEdge_Low__QPSK_1RB



- 6 ×						trum Analyzer - Swept SA	
Frequency	01:39:26 PM May 09, 2024 TRACE 2 3 4 5 0 TYPE A WARANA DET A A A A A A	ALIGN AUTO	#Avg Ty	SENSE:INT Trig: Free Run #Atten: 20 dB	GHz PNO: Wide	RF 50 Ω AC req 1.850000000	Center F
Auto Tun	1.849 996 GHz -28.556 dBm	Mkr1			IF Gam. LOW	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fre 1.850000000 GH							16.7
Start Fre 1.848000000 GH	RMS						6.70 3.30
Stop Fre 1.852000000 GH	-13.00 oBm			1-			13.3
CF Ste 400.000 kH Auto Ma						nin marina kan gala kanangkarangkar kan	33.3
Freq Offs 0 H							53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Owner		170 kHz	#1/01	350000 GHz	Center 1.3
	-	#Sweep		NO KHZ	#VDVV	150 KH2	ISG

LTE B2_15 M_BandEdge_Low_QPSK_FullRB



Center Fr	RF 50 Ω eq 1.848500		SENSE:INT Center Freq: 1.848500 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 0000 GHz Avg Hold: 300/300	01:39:35 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 2 Ref 30.00					
-og 20.0 10.0						Center Free 1.848500000 GH
0.00 10.0 20.0						
30.0 40.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
enter 1.8					Span 4 MHz	CF Step 400.000 kHz Auto Man
Chann	iel Power		VBW 390 kH Power	Spectral Dens	Sweep 3.2 ms sity	Freq Offsel 0 Hz
-2	3.98 dB	m / 1 MHz	-1	83.98 dBm	/Hz	
SG				STATU	IS	<u></u>

LTE B2_15 M_Extended Band Edge_Low_QPSK_FullRB



	1				Agilent Spectrum Analyzer - Sw RL RF 50
Frequency	01:44:52 PM May 09, 2024 TRACE 2 3 4 5 0 TYPE A WAYNAWY DET A A A A A A	ALIGN AUTO #Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB		Center Freq 1.9100
Auto Tun	1.910 000 GHz -25.770 dBm	Mkr1		ffset 26.7 dB 26.70 dBm	
Center Fre 1.910000000 GF					16.7
Start Fre 1.908000000 GH					3.30
Stop Fre 1.912000000 GF	-13.00 dBm		1		13.3
CF Ste 400.000 kH Auto Ma					13.3
Freq Offso 0 H	FMS				53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	470 kHz		⁶³³ Center 1.910000 GH Res BW 150 kHz
	-	STATUS			ISG

LTE B2_15 M_BandEdge_High_QPSK_1RB



					trum Analyzer - Swept SA	
Frequency	01:44:15 PM May 09, 2024 TRACE 1 2 3 4 5 0 TYPE A WARANA DET A A A A A A A	#Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	GHz PNO: Wide	RF 50 Ω AC req 1.910000000	Center F
Auto Tune	1.910 008 GHz -29.183 dBm	Mkr1		I COMLEGW	Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fre 1.91000000 GH						16.7
Start Fre 1.908000000 GH						6.70 3.30
Stop Fre 1.912000000 GH	-13.00 dBm		1			13.3
CF Ste 400.000 kH Auto Ma	RMS					i3.3 43.3
Freq Offso 0 H						53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	470 kHz	#VBW	910000 GHz 150 kHz	Center 1.
		STATUS				ISG

LTE B2_15 M_BandEdge_High_QPSK_FullRB



	rum Analyzer - Channe				-				{	-
Center Fro	eq 1.911500		Center Trig: F	SENSE:INT Freq: 1.91150 Free Run : 20 dB	0000 GHz Avg Hole	align Auto	Radio Std: Radio Devic		Fre	quency
10 dB/div	Ref Offset 2 Ref 30.00									
20.0 10.0									Center Freq 1.911500000 GHz	
-10.0										
30.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								
40,0 50.0 60.0										
Center 1.9 Res BW 3			v	BW 390 kH	lz			an 4 MHz 3.2 ms	Auto	CF Step 400.000 kHz Mar
Chann	el Power			Power	Spect	ral Dens	sity		F	Freq Offset 0 Hz
-2	5.10 dB	M / 1 MHz		-	85.10	dBm	/Hz			
ISG						STATU	s			_

LTE B2_15 M_Extended Band Edge _High_QPSK_FullRB



Agilent Spectrum Analyzer - Swept SA				- 5 ×
RL RF 50 12 AC Center Freq 1.85000000	DO GHZ PNO: Wide →→ IFGain:Low #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:47:12 PM May 09, 2024 TRACE 1 2 3 4 5 0 TYPE A 444 A A A A	Frequency
Ref Offset 26.7 dB		Mkr1	1.850 000 GHz -25.937 dBm	Auto Tune
16.7				Center Fred 1.850000000 GH
3.30			RMS	Start Fred 1.848000000 GH:
13.3			13.00 dBn	Stop Free 1.852000000 GH
33.3				CF Stej 400.000 kH Auto Mai
53.3				Freq Offse 0 H
633 Center 1.850000 GHz #Res BW 200 kHz	#VBW 620 kHz	#Sweep	Span 4.000 MHz 1.000 s (1001 pts)	
ISG		STATUS		-

LTE B2_20 M_BandEdge_Low_QPSK_1RB



				trum Analyzer - Swept SA	
Frequency	01:46:38 PM May 09, 2024 TRACE 2 3 4 5 6 TYPE A 404 A A A A DET A A A A A A A	ALIGN AUTO #Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	RF 50 Ω AC req 1.850000000 GHz PNO: Wide ↔ IFGain:Low	Center Fr
Auto Tune	1.849 980 GHz -28.896 dBm	Mkr1		Ref Offset 26.7 dB Ref 26.70 dBm	10 dB/div
Center Fred 1.850000000 GH					16.7
Start Free 1.848000000 GH:	RMS	\square			6.70 3.30
Stop Free 1.852000000 GH	-13.00 dBm		1		13.3
CF Stej 400.000 kH Auto Ma					33.3
Freq Offse 0 H					53.3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween	620 kHz	350000 GHz 200 kHz #VBW	Center 1.8
	Line of the line o	STATUS			ISG

LTE B2_20 M_BandEdge_Low_QPSK_FullRB



RL	rum Analyzer - Chann RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	01:46:47 PM May 09, 2024	Frequency
Center Fr	Center Freq 1.848500000 GHz #IFGain:Low		Center Freq: 1.848500000 GHz Trig: Free Run Avg Hold: 300/300 #Atten: 20 dB		Radio Std: None Radio Device: BTS	
Ref Offset 26.7 dB 10 dB/div Ref 30.00 dBm						
- og 20.0						Center Fred 1.848500000 GH:
0.00						
20.0 30.0 40.0						
50.0 60.0						CF Step
Center 1.849 GHz Res BW 39 kHz Channel Power			VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	400.000 kH Auto Ma
			Power	Freq Offse 0 H		
-2	4.42 dB	m / 1 MHz	-{	34.42 dBm	/Hz	
SG STATUS						-

LTE B2_20 M_Extended Band Edge_Low_QPSK_FullRB



					trum Analyzer - Swept SA	
Frequency	01:52:17 PM May 09, 2024 TRACE 2 3 4 5 6 TYPE A WAYNER DET A A A A A A	#Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	GHz PNO: Wide	RF 50 Ω AC req 1.910000000	Center F
Auto Tune	1.910 000 GHz -26.064 dBm	Mkr1	WAITER, 20 0D	IFGain:Low	Ref Offset 26.7 dB Ref 26.70 dBm	0 dB/div
Center Free 1.910000000 GH						16.7
Start Fre 1.908000000 GH						6.70 3.30
Stop Fre 1.912000000 GH	∹13.00 dBm		1			13.3
CF Ste 400.000 kH Auto Ma						43.3
Freq Offso 0 H	RMS					53,3
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	620 kHz	#VBW	910000 GHz 200 kHz	Center 1.9
		STATUS				SG

LTE B2_20 M_BandEdge_High_QPSK_1RB



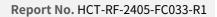
Agilent Spectrum Analyzer - Swept SA		SENSE:INT	ALIGN AUTO	01:51:38 PM May 09, 2024	
enter Freq 1.9100000	PNO: Wide	La concerción	#Avg Type: RMS	TRACE 1 2 3 4 5 0 TYPE A WARKAN	
Ref Offset 26.7 dB 0 dB/div Ref 26.70 dBm			Mkr1	1.910 000 GHz -29.991 dBm	Auto Tur
16.7					Center Fre 1.91000000 GF
.30					Start Fre 1.908000000 GH
3.3		1		-13 00 dBm	Stop Fre 1.912000000 GF
33				RMS	CF Ste 400.000 kl Auto Ma
3,3					Freq Offs 01
enter 1.910000 GHz Res BW 200 kHz	#VBW	620 kHz	#Sweep	Span 4.000 MHz 1.000 s (1001 pts)	
iG			STATUS		

LTE B2_20 M_BandEdge_High_QPSK_FullRB



Agilent Spectrum Analyzer - Channel Power RL RF 50 R AC Center Freq 1.911500000 GHz #IFGain:Low			SENSE:INT ALIGN AUTO Center Freq: 1.911500000 GHz Trig: Free Run Avg Hold: 300/300 #Atten: 20 dB		01:51:48 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.7 dB 10 dB/div Ref 30.00 dBm						
20.0 10.0						Center Freq 1.911500000 GHz
10.00						
30.0						
50.0 60.0						CF Step 400.000 kH
Center 1.912 GHz Res BW 39 kHz Channel Power			VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	Auto Ma
			Power Spectral Density			Freq Offs 0 H
-2	5.98 dB	m / 1 MHz	-	85.98 dBm	/Hz	
SG STATUS						

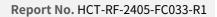
LTE B2_20 M_Extended Band Edge_High_QPSK_FullRB







LTE B2_1.4 M_OBW_Middle Channel_QPSK_FullRB







LTE B2_1.4 M_OBW_Middle Channel_16QAM_FullRB

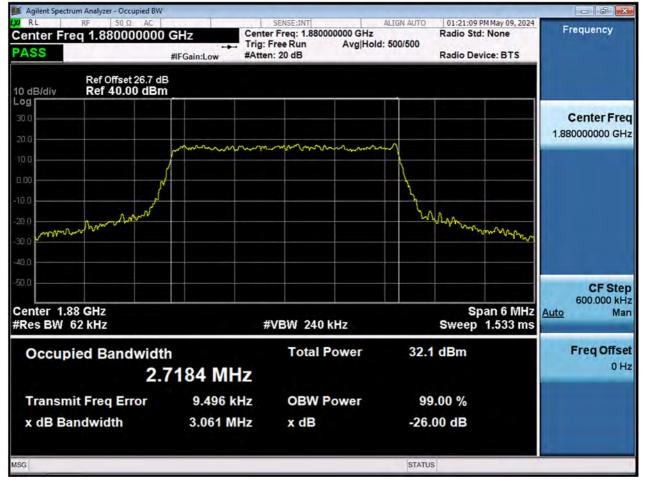


Agilent Spectrum Analyzer - Occupied BW	B8				
Center Freq 1.880000000 PASS		SENSE:INT Center Freq: 1.880000000 C Trig: Free Run Avg #Atten: 20 dB	ALIGN AUTO Hz Hold: 500/500	01:13:46 PM May 09, 2024 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.7 d 0 dB/div Ref 40.00 dBr					
20.0					Center Fred 1.880000000 GH:
10.0	promo	where have a second	m		
0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		My		
20.0 30.0 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				What have been a	
20.0 Center 1.88 GHz				Span 2.8 MHz	CF Step 280.000 kH Auto Mar
tes BW 27 kHz		#VBW 110 kHz		Sweep 3.667 ms	Auto Mar
Occupied Bandwidth Total Power 30.1 dBm 1.0994 MHz					Freq Offsel 0 Hz
Transmit Freq Error	2.775 kH	Hz OBW Power		9.00 %	
x dB Bandwidth	1.370 MH	z x dB	-26.	00 dB	
SG			STATU	s	

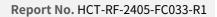
LTE B2_1.4 M_OBW_Middle Channel_64QAM_FullRB



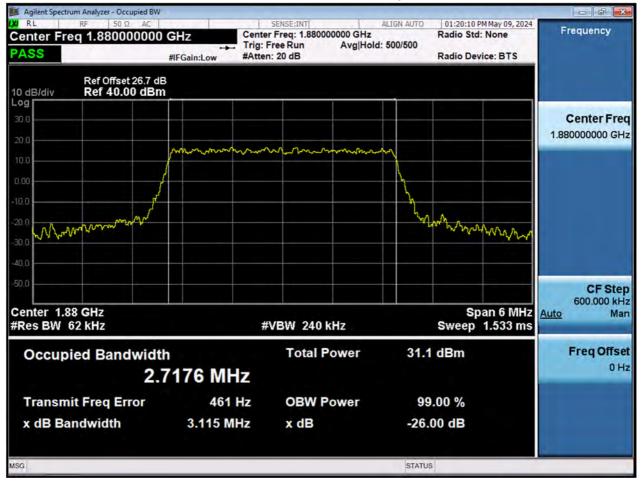




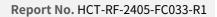
LTE B2_3 M_OBW_Middle Channel_QPSK_FullRB



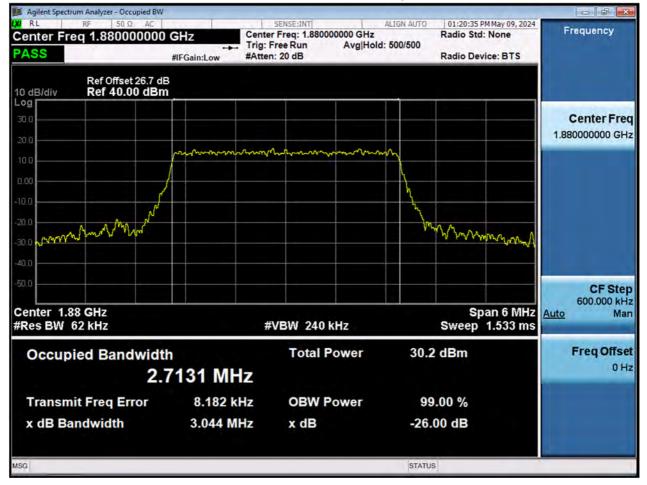




LTE B2_3 M_OBW_Middle Channel_16QAM_FullRB



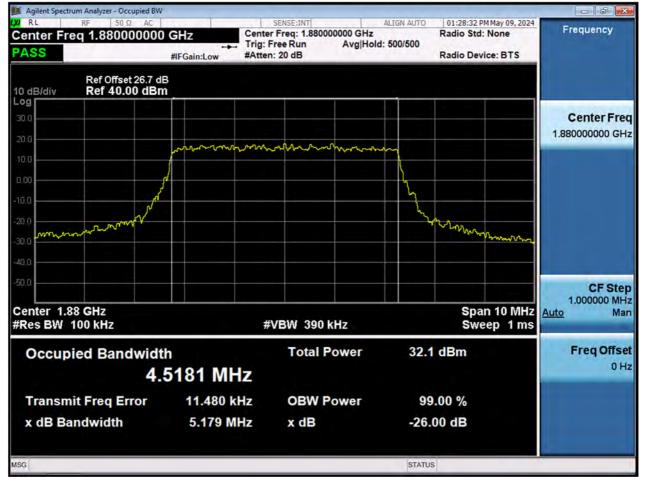




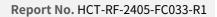
LTE B2_3 M_OBW_Middle Channel_64QAM_FullRB







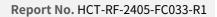
LTE B2_5 M_OBW_Middle Channel_QPSK_FullRB



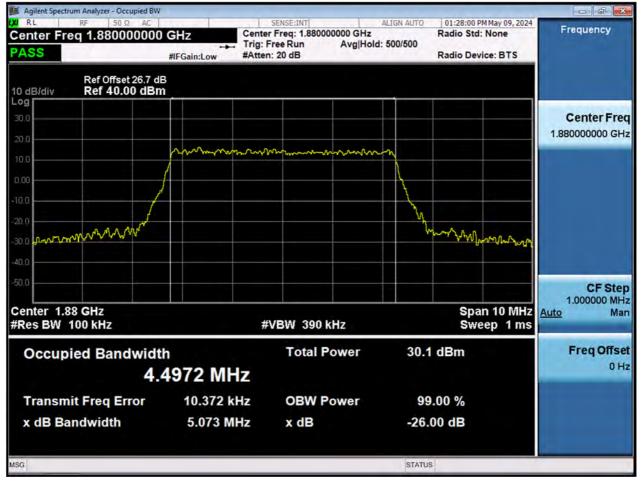




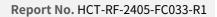
LTE B2_5 M_OBW_Middle Channel_16QAM_FullRB







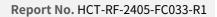
LTE B2_5 M_OBW_Middle Channel_64QAM_FullRB



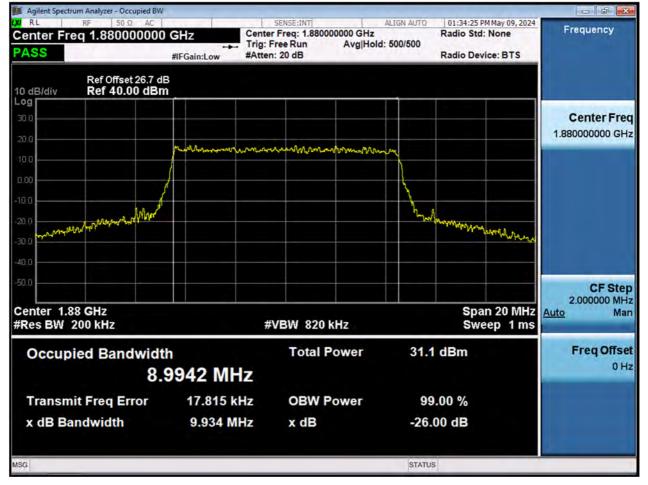




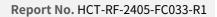
LTE B2_10 M_OBW_Middle Channel_QPSK_FullRB







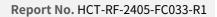
LTE B2_10 M_OBW_Middle Channel_16QAM_FullRB







LTE B2_10 M_OBW_Middle Channel_64QAM_FullRB







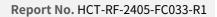
LTE B2_15 M_OBW_Middle Channel_QPSK_FullRB







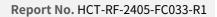
LTE B2_15 M_OBW_Middle Channel_16QAM_FullRB







LTE B2_15 M_OBW_Middle Channel_64QAM_FullRB







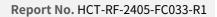
LTE B2_20 M_OBW_Middle Channel_QPSK_FullRB







LTE B2_20 M_OBW_Middle Channel_16QAM_FullRB

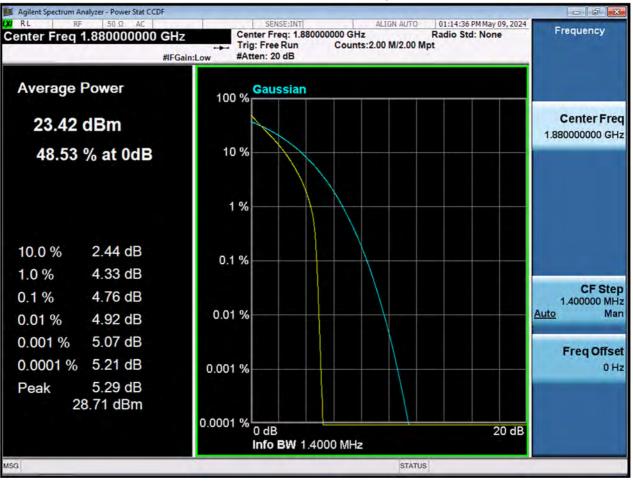






LTE B2_20 M_OBW_Middle Channel_64QAM_FullRB





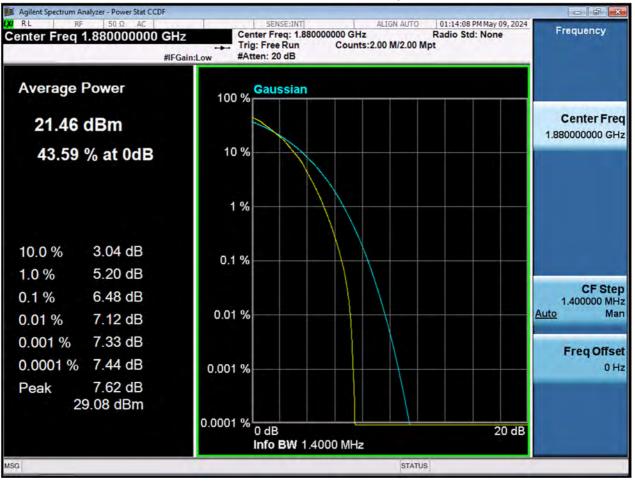
LTE B2_1.4 M_PAR_Middle Channel_QPSK_FullRB





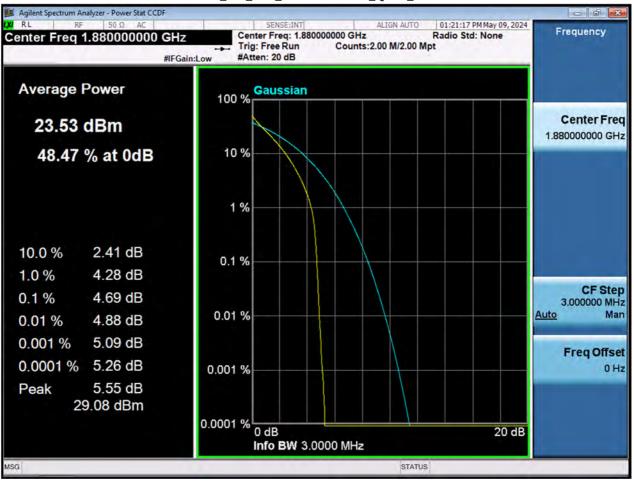
LTE B2_1.4 M_PAR _Middle Channel_16QAM_FullRB





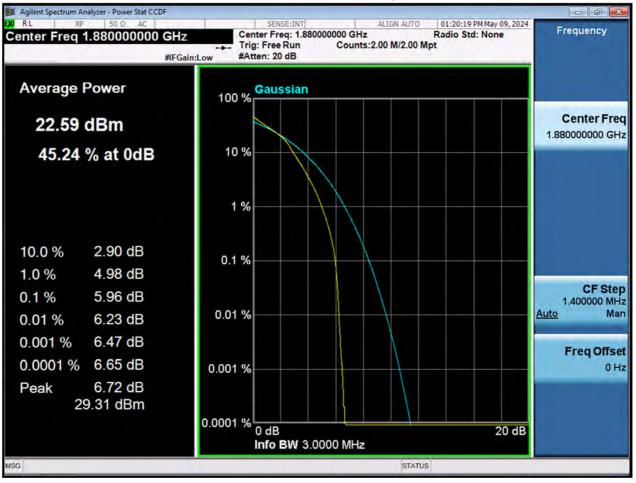
LTE B2_1.4 M_PAR _Middle Channel_64QAM_FullRB





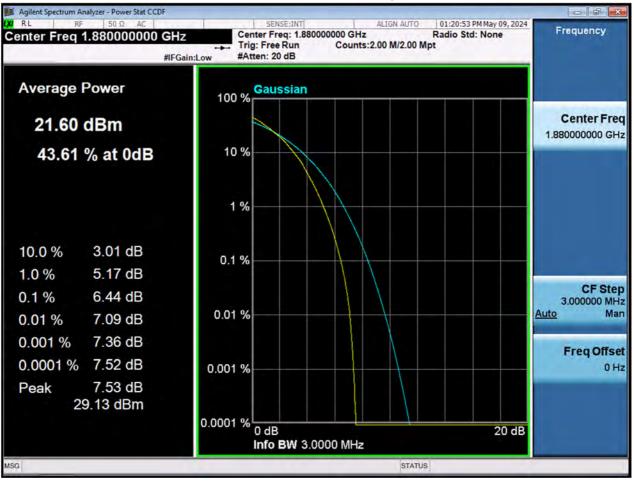
LTE B2_3 M_PAR_Middle Channel_QPSK_FullRB





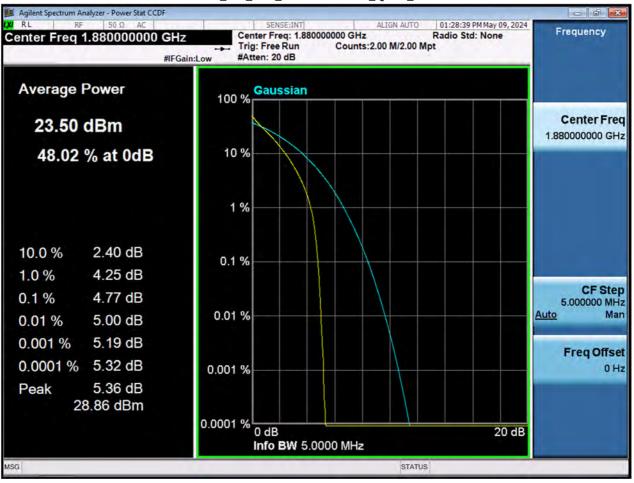
LTE B2_3 M_PAR_Middle Channel_16QAM_FullRB





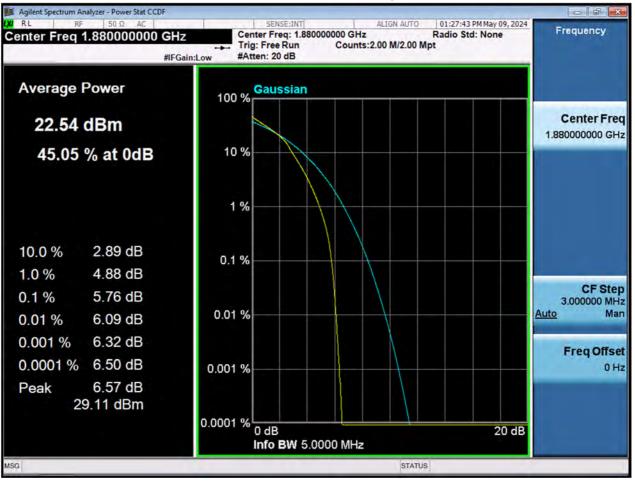
LTE B2_3 M_PAR_Middle Channel_64QAM_FullRB





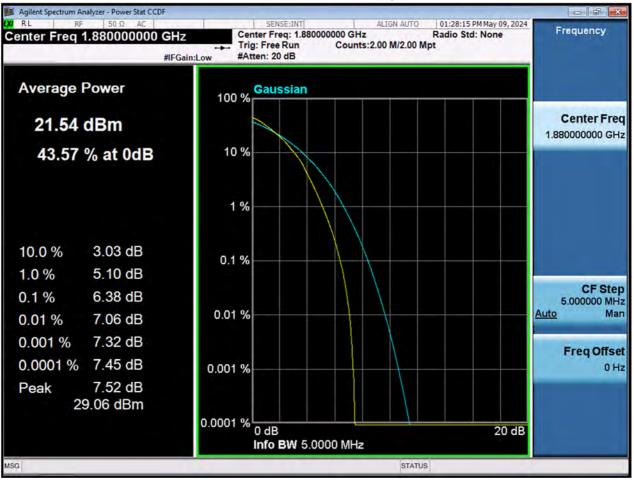
LTE B2_5 M_PAR_Middle Channel_QPSK_FullRB





LTE B2_5 M_PAR_Middle Channel_16QAM_FullRB





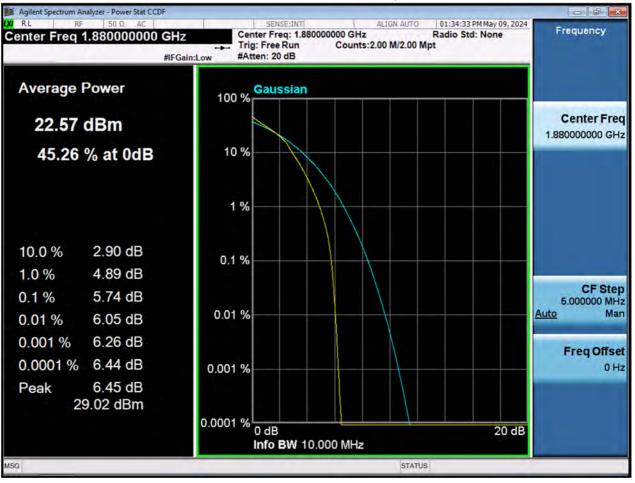
LTE B2_5 M_PAR_Middle Channel_64QAM_FullRB





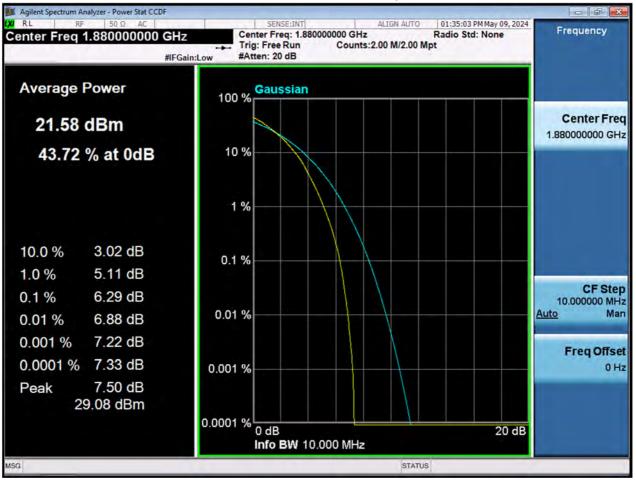
LTE B2_10 M_PAR_Middle Channelz_QPSK_FullRB





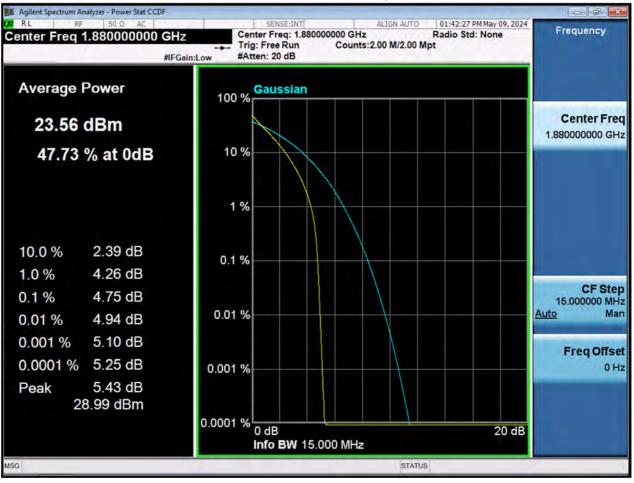
LTE B2_10 M_PAR_Middle Channel_16QAM_FullRB





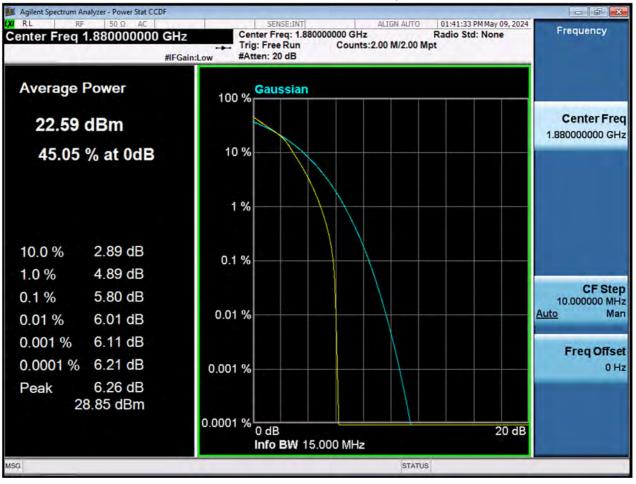
LTE B2_10 M_PAR_Middle Channel_64QAM_FullRB





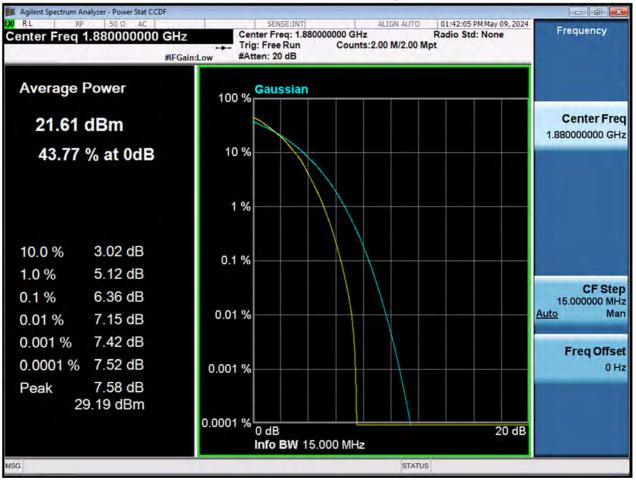
LTE B2_15 M_PAR_Middle Channel_QPSK_FullRB





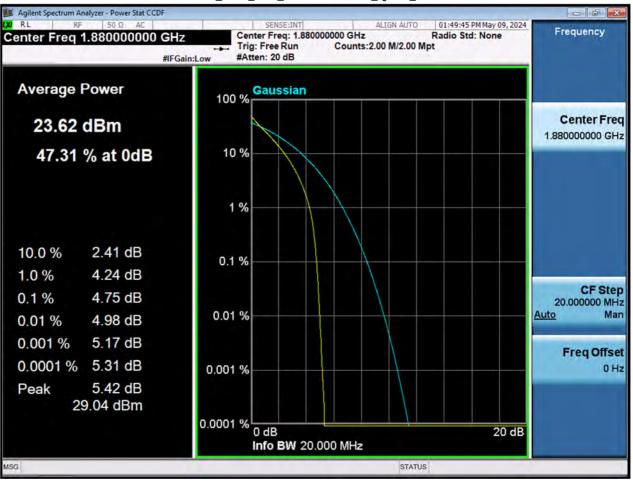
LTE B2_15 M_PAR_Middle Channel_16QAM_FullRB





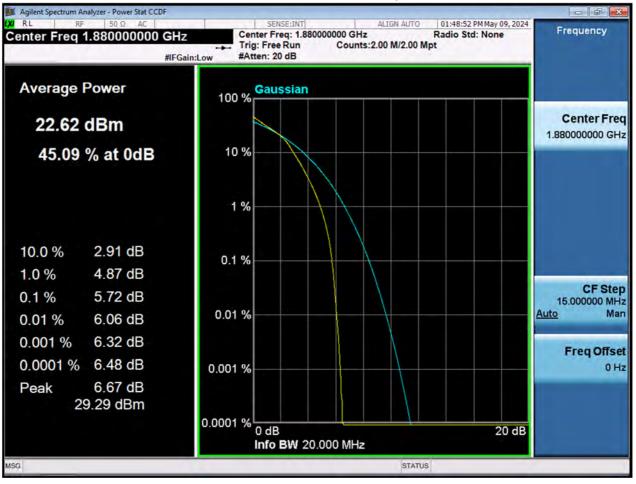
LTE B2_15 M_PAR_Middle Channel_64QAM_FullRB





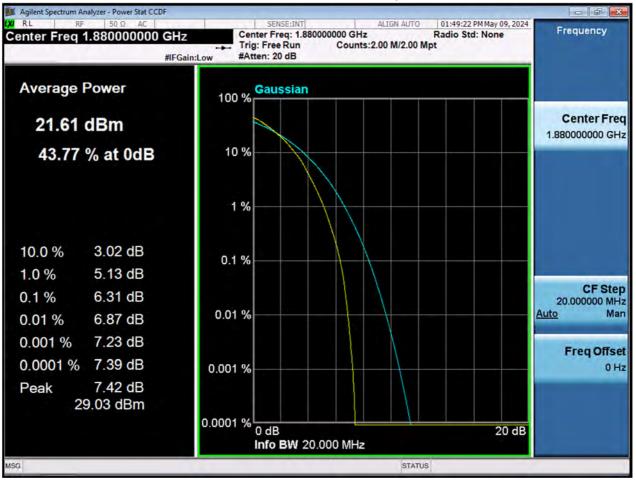
LTE B2_20 M_PAR_Middle Channel_QPSK_FullRB





LTE B2_20 M_PAR_Middle Channel_16QAM_FullRB





LTE B2_20 M_PAR_Middle Channel_64QAM_FullRB



Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC		SENSE:INT	ALIGN AUTO	01:12:13 PM May 09, 2024	
enter Freq 5.015000000	CHZ PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm			Mk	r1 3.705 4 GHz -67.017 dBm	Auto Tun
					Center Fre 5.015000000 GH
30.0 40 0 50.0					Start Fre 30.000000 MH
50.0 70.0 30.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.7	705 4 GHz 351 0 GHz	-67.017 dBm -2.882 dBm			Freq Offse 0 H
sg		m	STATUS		

LTE B2_1.4 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				and a set of the set o	- d ×
enter Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:14:57 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	I Gall.LOW		Mk	r1 3.714 9 GHz -67.472 dBm	Auto Tune
					Center Fre 5.015000000 GH
					Start Fre 30.000000 MH
58.0 70.0 38.0				RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.7	/14 9 GHz 180 4 GHz	-67.472 dBm -3.834 dBm			Freq Offse 0 H
G		m	STATUS		

LTE B2_1.4 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				and the second second	
Center Freq 5.015000000	OGHZ PNO: Fast ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:17:02 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A A	Frequency
10 dB/div Ref 10.00 dBm	i dam.cow		Mk	r1 3.706 9 GHz -67.153 dBm	Auto Tune
-og 0 00 02 10.0 20.0					Center Fred 5.015000000 GH:
40 0					Start Free 30.000000 MH:
50.0 70.0 \$0.0				RMS	Stop Fred 10.000000000 GH;
Start 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Stej 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3	.706 9 GHz .910 3 GHz	-67.153 dBm -3.089 dBm			Freq Offse 0 H
SG		m	STATUS		

LTE B2_1.4 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



							um Analyzer - Sv	
Frequency	01:19:08 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	ALIGN AUTO	lun	Trig: Free # #Atten: 20	Z NO: Fast	000000 GH	RF 50 cq 5.0150	ter Fre
Auto Tune	r1 3.686 0 GHz -66.971 dBm	Mk			Jani.Low		Ref 10.00	3/div
Center Free 5.015000000 GH:						\$ ²		
Start Free 30.000000 MH:								
Stop Free 10.000000000 GH:	RMS		*****		¹ .	Jumperson	ili sila (territori), milita	
	Stop 10.000 GHz 33 ms (20001 pts)		FUNC	3.0 MHz	#VBW	×	.0 MHz	t 30 MI s BW 1 Mode TRC
Freq Offse 0 H			n	-66.971 dBı -2.936 dBı		3.686 1.851		N 1 N 1
	1.1	lantaria		m				
		STATUS						

LTE B2_3 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				Sector Contents	- ē ×
RL RF 50 Ω AC Center Freq 5.015000000	PNO: Fast	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:22:19 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	Poam.Low		Mk	r1 3.689 0 GHz -67.320 dBm	Auto Tune
					Center Free 5.015000000 GH
40 0					Start Free 30.000000 MH
60.0 70.0 80.0				RMS	Stop Free 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz		Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
2 N 1 f 1 3 4 5 6 7 8	.689 0 GHz .879 4 GHz	Y FU -67.320 dBm -2.914 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H
9 10 11 11 15 16 16 17 17 17 17 17 17 17 17		m	STATUS	•	

LTE B2_3 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				Second and second	- 6 ×
RL RF 50Ω AC Center Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:24:25 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IP Gall.LOW		Mk	r1 3.713 9 GHz -67.359 dBm	Auto Tune
• og 0 00 10.0 20.0					Center Fred 5.015000000 GH:
40 0 50.0					Start Free 30.000000 MH
50.0 70.0 80.0				RMS	Stop Free 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Stej 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.	713 9 GHz 910 3 GHz	-67.359 dBm -2.482 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H
		m	STATUS		

LTE B2_3 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				And the second second	- 6 -
RL RF 50 Ω AC enter Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:26:32 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 dB	Mk	r1 3.694 0 GHz -67.174 dBm	Auto Tun
og 100 0.0 00					Center Fre 5.015000000 GH
000					Start Fre 30.000000 M⊦
50.0 70.0 30.0				FMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3.	694 0 GHz 851 0 GHz	-67.174 dBm -2.647 dBm			Freq Offse 0 H
G		m	STATUS	3	

LTE B2_5 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
RL RF 50Ω AC enter Freq 5.015000000	GHz PNO: Fast ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:29:01 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 dB	Mk	r1 3.705 4 GHz -67.300 dBm	Auto Tun
og 100 00 00					Center Fre 5.015000000 GH
0,0 0,0 0,0					Start Fre 30.000000 MH
0.0				RMS	Stop Fre 10.000000000 GF
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3.	705 4 GHz 878 4 GHz	-67.300 dBm -2.593 dBm			Freq Offse 0 H
		m	STATUS		

LTE B2_5 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				A CONTRACTOR OF THE OWNER	
RL RF 50 Ω AC enter Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:31:09 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGam:Low	HAILEN. 20 GD	Mk	r1 3.690 5 GHz -67.174 dBm	Auto Tun
					Center Fre 5.015000000 GH
10 0					Start Fre 30.000000 M⊦
50.0 70.0 50.0				RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.	690 5 GHz 910 3 GHz	-67.174 dBm -3.120 dBm			Freq Offse 0 H
sg		m	STATUS	3	

LTE B2_5 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
RL RF 50Ω AC enter Freq 5.015000000	PNO: Fast +	SENSE:INT	#Avg Type: RMS	01:33:18 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 dB	Mk	r1 3.708 9 GHz -66.899 dBm	Auto Tun
					Center Fre 5.015000000 GH
0.0 0 0 0.0					Start Fre 30.000000 MH
	1			RMS	Stop Fre 10.000000000 GH
Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3.	708 9 GHz 851 5 GHz	-66.899 dBm -2.903 dBm	Porential ment	E	Freq Offs 0 F
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		m	STATUS	*	

LTE B2_10 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				Subserve and all states	- ē ×
RL RF 50Ω AC Center Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:35:48 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	I Gameow		Mk	r1 3.685 0 GHz -67.036 dBm	Auto Tune
					Center Fred 5.015000000 GH:
40 0 50.0					Start Free 30.000000 MH
50.0 70.0 90.0				RMS	Stop Free 10.000000000 GH:
Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Stej 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.	685 0 GHz 876 4 GHz	-67.036 dBm -3.594 dBm		FORCHORVALDE	Freq Offse 0 H
sg		m	STATUS		<u>.</u>

LTE B2_10 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					- 6 ×
RL RF 50Ω AC Center Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:38:01 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	Indanii.Luw		Mk	r1 3.708 4 GHz -67.192 dBm	Auto Tun
					Center Fre 5.015000000 GH
0.0					Start Fre 30.000000 M⊦
80.0 70.0 80.0				F/MS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.	708 4 GHz 909 8 GHz	-67.192 dBm -3.294 dBm	Tone for the first	E	Freq Offse 0 H
		m		*	
SG			STATUS		

LTE B2_10 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					- d ×
RL RF 50Ω AC Center Freq 5.015000000	GHz PNO: Fast ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:40:14 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 db	Mk	r1 3.692 0 GHz -67.395 dBm	Auto Tune
og 0 00 10 0 20 0					Center Free 5.015000000 GH
30,0 40 0 50,0					Start Free 30.000000 MH
50.0 70.0 90.0				RMS	Stop Free 10.000000000 GH
Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 1 f 3. 2 N 1 f 1. 3 - - - - 4 - - - - - 5 -	692 0 GHz 851 5 GHz	-67.395 dBm -2.523 dBm			Freq Offse 0 H
10 11 sg		m	STATUS	*	

LTE B2_15 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				A CONTRACTOR OF THE OWNER	- 6 *
RL RF 50 Ω AC enter Freq 5.015000000	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:42:49 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	WAtten: 20 db	Mk	r1 3.709 9 GHz -66.603 dBm	Auto Tune
					Center Free 5.015000000 GH
40 0					Start Free 30.000000 MH
50.0 70.0 80.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			RMS	Stop Free 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3.	709 9 GHz 874 0 GHz	-66,603 dBm -2.902 dBm			Freq Offse 0 H
SG		m	STATUS	5	

LTE B2_15 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
RL RF 50Ω AC enter Freq 5.015000000	PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:45:07 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGalli,LOW	#Atten IV GD	Mk	r1 3.710 9 GHz -67.266 dBm	Auto Tuno
					Center Fre 5.015000000 GH
80.0					Start Fre 30.000000 MH
50.0 70.0 50.0				RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz		Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
N 1 f 3 2 N 1 f 1 3 4 5 5 6 6 6 6 7 7	.710 9 GHz .909 8 GHz	Y FU -67.266 dBm -2.350 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H
8 10 10 10 10 9 10 10 10 10 11 10 10 10 10		m			
SG			STATUS		

LTE B2_15 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				the second second	
RL RF 50Ω AC Senter Freq 5.015000000	PNO: Fast	SENSE:INT Trig: Free Run #Atten: 20 dB	ALIGN AUTO #Avg Type: RMS	01:47:26 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	II Gameow		Mk	r1 3.722 4 GHz -67.290 dBm	Auto Tun
					Center Fre 5.015000000 GH
000					Start Fre 30.000000 M⊦
80.0 70.0 80.0				RMS	Stop Fre
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3	.722 4 GHz .851 5 GHz	-67.290 dBm -3.307 dBm	PORCION WIDTH		Freq Offso 0 H
		m	STATUS	4	

LTE B2_20 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					- 6 - ×
RL RF 50 Ω AC enter Freq 5.015000000	GHz PNO: Fast ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:50:07 PM May 09, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 db	Mk	r1 3.707 9 GHz -67.326 dBm	Auto Tun
og 100 000 200					Center Fre 5.015000000 GH
10 0					Start Fre 30.000000 M⊦
50.0 70.0 30.0	, ¹			F/MS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3. 2 N 1 f 1.1 3 - - - 1.1 4 - - - - 5 - - - - 6 - - - - 7 - - - - 9 - - - - 10 - - - -	707 9 GHz 872 0 GHz	-67.326 dBm -3.300 dBm			Freq Offse 0 H
11		m	STATUS	*	18

LTE B2_20 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				Section in the section of	- 6 ×
RL RF 50Ω AC enter Freq 5.015000000	PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS	01:52:30 PM May 09, 2024 TRACE 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm			Mk	r1 3.706 9 GHz -67.049 dBm	Auto Tune
					Center Fre 5.015000000 GH
10 0 10 0 50 0					Start Fre 30.000000 MH
80.0 70.0 80.0				RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 1 f 3	706 9 GHz 909 3 GHz	-67.049 dBm -3.119 dBm			Freq Offse 0 H
		m	STATUS		

LTE B2_20 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA	1 1 1	TAIOT, TAIT!		01-12-20 04 04-00 2024	
Center Freq 15.0000000	000 GHz	ree Run	ALIGN AUTO #Avg Type: RMS	01:12:29 PM May 09, 2024 TRACE 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
10 dB/div Ref -20.00 dBn	i sumnyn		Mkr	1 18.923 47 GHz -82.711 dBm	Auto Tune
- og -30,0					Center Freq 15.000000000 GHz
40.0 50.0					Start Freq 10.000000000 GHz
60.0 70.0					Stop Freq 20.000000000 GHz
80.0					CF Step 1.000000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
-110 Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MH	17	Sweep 2	Stop 20.000 GHz 6.67 ms (40000 pts)	
ANG MAR THO MITZ	# UDV 5.0 WI		STAT		

LTE B2_1.4 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB