

Org restrict Unit Org </th <th>RL Center Fred ASS</th> <th>RF 50 Ω A q 2.5060000</th> <th></th> <th> Tr</th> <th>sense:INT enter Freq: 2. ig: Free Run atten: 20 dB</th> <th>506000000 GH</th> <th>ALIGN A 100.00% of</th> <th>Radio 20</th> <th>6:21 PM Mar 15, 2024 Std: None Device: BTS</th> <th colspan="2">Frequency</th>	RL Center Fred ASS	RF 50 Ω A q 2.5060000		Tr	sense:INT enter Freq: 2. ig: Free Run atten: 20 dB	506000000 GH	ALIGN A 100.00% of	Radio 20	6:21 PM Mar 15, 2024 Std: None Device: BTS	Frequency	
Center Fri Contained	0 dB/div										
CF St Specture Specture CF St Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) Max Mark Freq (Hz) 10.00 MHz 11.00 MHz 30.00 KHz	09 20,0 10,0			1						Center Fre 2.506000000 GH	
CF St Spectur	20,0								Absolute Lime		
CF st Span 80 MHz Container CF st Stenter 2.506 GHz Span 80 MHz Cotainer CF st Span 80 MHz CF st Start Freq Start Freq Integrating BW MBM ALim(dB) Freq (Hz) MBM ALim(dB) Freq (Hz) Freq (Hz) 10.00 MHz 11.00 MHz 30.00 kHz -54.31 (-44.31) 10.87 M O 11.00 MHz 15.00 MHz 1.000 MHz -39.22 (-29.22) 11.00 M I 15.00 MHz 30.00 MHz 1.000 MHz	10.0 10.0			/ W	Winner	******					
Cotal Power Ref 23.29 dBm / 20 MHz Lower <-Peak -> Upper Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) 0 10.00 MHz 11.00 MHz 30.00 kHz () -54.31 (-44.31) 10.87 M 0 15.00 MHz 15.00 MHz 1.000 MHz () -39.22 (-29.22) 11.00 M 1 15.00 MHz 30.00 MHz 1.000 MHz () -39.14 (-26.14) 16.58 M 30.00 MHz 40.00 MHz 1.000 MHz () -39.03 (-14.03) 39.70 M	50.0					Ų				CF Ste	
Lower <-Peak -> Upper Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) 0 10.00 MHz 11.00 MHz 30.00 kHz () -54.31 (-44.31) 10.87 M 0 11.00 MHz 15.00 MHz 1.000 MHz () -39.22 (-29.22) 11.00 M 11.00 M 15.00 MHz 30.00 MHz 1.000 MHz () -39.14 (-26.14) 16.58 M 30.00 MHz 40.00 MHz 1.000 MHz () -39.03 (-14.03) 39.70 M									Span 80 MHz		
10.00 MHz 11.00 MHz 30.00 kHz () -54.31 (-44.31) 10.87 M 10.87 M 11.00 MHz 15.00 MHz 1.000 MHz () -39.22 (-29.22) 11.00 M 15.00 MHz 30.00 MHz 1.000 MHz () -39.14 (-26.14) 16.58 M 30.00 MHz 40.00 MHz 1.000 MHz () -39.03 (-14.03) 39.70 M									Freq (Hz)	Freq Offs 0 H	
11.00 MHz 15.00 MHz 1.000 MHz () -39.22 (-29.22) 11.00 M 11.00 M 15.00 MHz 30.00 MHz 1.000 MHz () -39.14 (-26.14) 16.58 M 30.00 MHz 40.00 MHz 1.000 MHz () -39.03 (-14.03) 39.70 M											
15.00 MHz 30.00 MHz 1.000 MHz () -39.14 (-26.14) 16.58 M 30.00 MHz 40.00 MHz 1.000 MHz () -39.03 (-14.03) 39.70 M											
30.00 MHz 40.00 MHz 1.000 MHz ()39.03 (-14.03) 39.70 M											
	10.00 MHz	40.00 MHz	270.0 kHz	-26.42	(-76.42)	-10.00 M					

LTE41_20 M_BandEdge_Upper_Low_2506 MHz_QPSK_1RB



	RF 50 Ω A 2.5930000		Tr	sense:Int enter Freq: 2. ig: Free Run atten: 20 dB	593000000 GH	ALIGN A 2 00.00% of	Radio 20	9:43 PM Mar 15, 2024 Std: None Device: BTS	Frequency
10 dB/div	Ref Offset 30.7 Ref 30.0 dB								
-0g 20.0 10.0								Heletiye Unit	Center Free 2.593000000 GH
0.00			privit	MMMMAAA		_	_		
10.0									
30.0			4		1	-	www.	Absolute Limit	
40,0				_			- and the second	Spectrum	
50,0									
60.0 Center 2.59	3 GHz						ę	Span 80 MHz	CF Step 8.000000 MH Auto Mar
Total Power	Ref 23.05	5 dBm / 20 l	MHz						Auto Mar Freq Offse
Start Freq	Stop Freq	Integ BW	dBm	Lower <u> <u> </u> </u>	Freq (Hz)	Peak -> dBm	Upper ∆Lim(dB)	Freq (Hz)	0 H
10.00 MHz	11.00 MHz	430.0 kHz	-25.28	(-15.28)	-10.01 M	-25.42	(-15.42)	10.00 M	
11.00 MHz	15.00 MHz	1.000 MHz	-22.73	(-12.73)	-11.06 M	-22.65	(-12.65)	11.18 M =	
15.00 MHz	30.00 MHz	1.000 MHz	-27.23	(-14.23)	-15.30 M	-27.26	(-14.26)	15.15 M	
30.00 MHz 8.000 MHz	40.00 MHz 12.50 MHz	1.000 MHz 1.000 MHz	-38.02	(-13.02) ()	-30.05 M	-38.64	(-13.64)	30.25 M	

LTE41_20 M_BandEdge_Mid_2593 MHz_QPSK_FullRB



	RF 50 Q A		Tr	sense:INT enter Freq: 2. ig: Free Run atten: 20 dB	680000000 GH	ALIGN A 2 00.00% of	Radio 20	1:59 PM Mar 15, 2024 Std: None Device: BTS	Frequency
10 dB/div	Ref Offset 30.7 Ref 30.0 dB		_						
20.0 10.0			الماليلام	ะเราการการการการการการการการการการการการกา	lelivionete.				Center Free 2.680000000 GH:
0 00				งาาาาาา					
-20,0					5			Absolute Limit	
-30.0						- AND		Spectrum	
-50.0									
Center 2.68	GHz							Span 80 MHz	CF Step 8.000000 MH <u>Auto</u> Ma
Total Power			MHz	Lower		^o eak ->	Upper	5	Freq Offse 0 H
Start Freq 10.00 MHz	Stop Freq 11.00 MHz	Integ BW 430.0 kHz	dBm -24.60	ΔLim(dB)	Freq (Hz)	dBm -24.73	$\Delta \text{Lim}(\text{dB})$	Freq (Hz)	
10.00 MHz	11.00 MHz 15.00 MHz	430.0 KHZ 1.000 MHz	-24.60	(-14.60) (-12.55)	-10.04 M -11.02 M	-24.13	(-14.73) (-12.56)	10.01 M 🕋 11.00 M 🗐	
15.00 MHz	30.00 MHz	1.000 MHz	-26.47	(-13.47)	-15.08 M	-27.01	(-14.01)	15.08 M	
30.00 MHz 8.000 MHz	40.00 MHz 12.50 MHz	1.000 MHz 1.000 MHz	-37.80	(-12.80) ()	-30.25 M	-38.46	(-13.46) ()	30.05 M	
ISG						0	TATUS		

LTE41_20 M_BandEdge_High_2680 MHz_QPSK_FullRB



RL Center Fred ASS	RF 50 Ω A 2.6800000		Center Freq: 2.680000000 GHz Trig: Free Run Avg: 100.00% of 20				Radio 20	2:51 PM Mar 15, 2024 Std: None Device: BTS	Frequency	
0 dB/div	Ref Offset 30.7 Ref 30.0 dB									
. og 20.0 10.0									Center Free 2.680000000 GH	
10.0						-				
80,0					WAN N			Absolute Limit		
40,0 50,0]^m	manantitel	MPI V					
enter 2.68	GHz							Span 80 MHz	CF Ste 8.000000 M⊦ Auto Ma	
Start Freq	Ref 22.97 Stop Freq	7 dBm / 20 M	dBm	Lower ∆Lim(dB)	Freq (Hz)	Peak -> dBm	Upper ∆Lim(dB)	Freq (Hz)	Freq Offso 0 F	
10.00 MHz	11.00 MHz	30.00 kHz	-53.55	(-43.55)	-10.18 M	-33,16	(-23.16)	10.02 M		
11.00 MHz	15.00 MHz	1.000 MHz	-38.55	(-28.55)	-11.44 M	-28.86	(-18.86)	11.04 M =		
15.00 MHz	30.00 MHz	1.000 MHz	-38.58	(-25.58)	-16.88 M	-36.68	(-23.68)	15.00 M		
30.00 MHz 8.000 MHz	40.00 MHz 12.50 MHz	1.000 MHz 1.000 MHz	-38.87	(-13.87)	-30.75 M	-38.74	(-13.74) ()	30.20 M		
G							TATUS	-		

LTE41_20 M_BandEdge_High_2680 MHz_QPSK_1RB



RL RF 50 Ω A0 Center Freq 2.5930000 PASS		SENSE:INT Center Freq: 2.59300 Trig: Free Run #Atten: 20 dB		Radio Sto 00/500	PM Mar 18, 2024 I: None vice: BTS	Frequency
Ref Offset 26.8 10 dB/div Ref 40.00 d	3 dB	Writen. 29 up			Not. BTO	
-og 30.0 20.0						Center Free 2.593000000 GH
10.0	more	mann	m contraction	^		
10.0 20.0 20.0	×			manna	hr. A B	
30.0 600 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					ግዮ በሌላያል አብ ላ	
50.0 Center 2.593 GHz				Sn	an 10 MHz	CF Step 1.000000 MH
Res BW 100 kHz		#VBW 3901	kHz		eep 1 ms	<u>Auto</u> Mar
Occupied Bandwi	dth 4.5050 MI	Total P	ower	31.0 dBm		Freq Offset 0 Hz
Transmit Freq Error	13.324		ower	99.00 %		
x dB Bandwidth	5.019 N	IHz x dB		-26.00 dB		
ISG				STATUS		

LTE41_5 M_OBW_Mid Channel_QPSK_FullRB



Agilent Spectrum Analyzer - Occupied BV RL RF 50 Ω AC Center Freq 2.59300000	0 GHz	Center	SENSE:INT	0000 GHz	ALIGN AUTO	02:11:46 Radio Sto	PM Mar 18, 2024 d: None	Frequency
PASS	₩FGain:Low	Trig: Free Run Avg Hold: 500/500 #Atten: 20 dB Radio Device					vice: BTS	
Ref Offset 26.8 c								
- og 30.0 20.0								Center Fre 2.593000000 GH
10.0	mour	mm	mann	man	m			
10.0	/				ha			
20.0 Londer A. Markeller					.Aľ	Anto	And	
40,0								
50.0								CF Ster 1.000000 MH
Center 2.593 GHz Res BW 100 kHz		#\	VBW 390 ki	Hz			an 10 MHz reep 1 ms	<u>Auto</u> Ma
Occupied Bandwid			Total Po	ower	29.9	dBm		Freq Offse
4	5218 M	ΗZ						U
Transmit Freq Error	17.489	kHz	OBW Po	ower	99	0.00 %		
x dB Bandwidth	5.347 N	MHz	x dB		-26.	00 dB		
SG					STATU	s		

LTE41_5 M_OBW_Mid Channel_16QAM_FullRB



RL RF 50 Ω AC Center Freq 2.59300000 PASS	0 GHz #IFGain:Low		593000000 GHz	ALIGN AUTO	02:12:30 PM Radio Std: I Radio Devic		Frequency
Ref Offset 26.8 (10 dB/div Ref 40.00 dB							
30.0 20.0							Center Free 2.593000000 GH
10.0	mmmm	mann	mm	m			
0.00 10.0 20.0 30.0	<u>م</u>			- hore	MANA	Am	
40.0 50.0 Center 2.593 GHz #Res BW 100 kHz		#VBW 3	390 kH7			10 MHz p 1 ms	CF Step 1.000000 MH <u>Auto</u> Mai
Occupied Bandwid	th .5060 MI	Tot	al Power	28.	9 dBm	-μ i iiis	Freq Offse 0 H
Transmit Freq Error x dB Bandwidth	21.620 I 5.065 N	KHZ OB	W Power B		9.00 % .00 dB		
ISG				STATU	IS		

LTE41_5 M_OBW_Mid Channel_64QAM_FullRB



Center Freq 2.59300000 PASS	0 GHz #IFGain:Low	Tales Free De	2.593000000 GHz n Avg Hold	ALIGN AUTO	07:38:18 PM Radio Std: M Radio Devic	lone	Frequency
Ref Offset 26.8 of 10 dB/div Ref 40.00 dB							
20 0							Center Fred 2.593000000 GHa
0.00	frommen	Mun wind	maphinanter	ha			
-10.0 -20.0 -30.0				- Marth	Mam	Murt	
50.0 Center 2.593 GHz #Res BW 100 kHz		#VBW	390 kHz			10 MHz p 1 ms	CF Step 1.000000 MH <u>Auto</u> Mar
Occupied Bandwid 4	th .5037 MI		otal Power	27.1	l dBm		Freq Offse 0 H:
Transmit Freq Error x dB Bandwidth	7.738 5.131 M		3W Power 1B		9.00 % 00 dB		
MSG				STATU	S		

LTE41_5 M_OBW_Mid Channel_256QAM_FullRB



Agilent Spectrum Analyzer - Occupied BW		SENSE:INT		ALIGN AUTO	02:14:50	MMar 18, 2024	- 6 -
Center Freq 2.59300000 PASS) GHz #IFGain:Low	Center Freq: 2.5930 Trig: Free Run #Atten: 20 dB	00000 GHz Avg Hold	: 500/500	Radio Std Radio Dev		Frequency
Ref Offset 26.8 d 10 dB/div Ref 40.00 dBr							
20.0							Center Free 2.593000000 GH
10.0	father marine	anonemana	no prollinger	nry l			
10.0	/						
20.0 20.0 Whathaltantaltanthaltanthat				Mw	Mundanna	Walt	
40.0							
50.0							CF Ster 2.000000 MH
Center 2.593 GHz #Res BW 200 kHz		#VBW 820	kHz			n 20 MHz ep 1 ms	<u>Auto</u> Ma
Occupied Bandwidt	th 9758 MI	Total F	Power	30.7	dBm		Freq Offse 0 H
O. Transmit Freq Error	18.529		ower	90	0.00 %		
x dB Bandwidth	10.04 N				00 dB		
ISG				STATU	s		

LTE41_10 M_OBW_Mid Channel_QPSK_FullRB



RL RF 50 Q AC Center Freq 2.59300000 PASS	0 GHz #IFGain:Low		q: 2.593000000 GHz Run Avg Hc	ALIGN AUTO	02:13:52 Pl Radio Std: Radio Devi		Frequency
Ref Offset 26.8 o 10 dB/div Ref 40.00 dB							
20.0							Center Free 2.593000000 GH
10.0	moundan	nunner	hander and the	maria			
10.0	N						
20.0 Million Jan Jurrin Andrea Marila				KILVI	helpertury	Whenkahl	
40.0							
50.0							CF Ste 2.000000 MH
enter 2.593 GHz Res BW 200 kHz		#VBV	V 820 kHz		Spar Swe	n 20 MHz ep 1 ms	<u>Auto</u> Ma
Occupied Bandwid			otal Power	29.9) dBm		Freq Offse
9	.0044 MI	ΗZ					
Transmit Freq Error	25.159	(Hz (DBW Power	99	.00 %		
x dB Bandwidth	10.63 N	Hz >	dB	-26.	00 dB		
SG				STATU	s		

LTE41_10 M_OBW_Mid Channel_16QAM_FullRB



Agilent Spectrum Analyzer - Occupied BW RL RF 50 Q AC Center Freq 2.593000000 PASS		Center Trig: F	SENSE:INT Freq: 2.5930 ree Run : 20 dB		ALIGN AUTO	Radio Sto	PM Mar 18, 2024 d: None vice: BTS	Frequency
Ref Offset 26.8 d 10 dB/div Ref 40.00 dBr								
30.0 20.0								Center Free 2.593000000 GH
10.0	mont	g-many Mary M	www.www	Monoral	m			
0.00	A .							
20.0 Mandred Ma Mandred Mandred					h,h	Manah	Whather	
40.0								
0.0								CF Ste 2.000000 MH
Center 2.593 GHz Res BW 200 kHz		#\	VBW 820	kHz			an 20 MHz eep 1 ms	<u>Auto</u> Ma
Occupied Bandwidt	th 0183 Mi	1 -7	Total F	ower	28.9	dBm		Freq Offse 0 H
J. Transmit Freq Error	31.865		OBW F	ower	99	.00 %		
x dB Bandwidth	9.901 N		x dB			00 dB		
SG					STATUS	10		

LTE41_10 M_OBW_Mid Channel_64QAM_FullRB



Agilent Spectrum Analyzer - Occupied B	W				
RL RF 50 Ω AC Center Freq 2.59300000 AC AC	Irig:	SENSE:INT er Freq: 2.593000000 GHz Free Run Avg Hold n: 20 dB	Radio Std:		Frequency
Ref Offset 26.8 Ref 40.00 dB					
• 0 g 30.0 20.0					Center Fre 2.593000000 GH
10.0	nonthermonthermonito	benerPhysilly-bareed-participarce.htt			
10.0 20.0 30.0			Will where a	Alahalla	
enter 2.593 GHz				n 20 MHz 4	CF Ste 2.000000 MH Auto Ma
Res BW 200 kHz		VBW 820 kHz		ep 1ms	
Occupied Bandwid	.0083 MHz	Total Power	27.0 dBm		Freq Offse 0 H
Transmit Freq Error	29.514 kHz	OBW Power	99.00 %		
x dB Bandwidth	10.79 MHz	x dB	-26.00 dB		
SG			STATUS		

LTE41_10 M_OBW_Mid Channel_256QAM_FullRB



Agilent Spectrum Analyzer - Occupied BV	464	SENSE:INT		ALIGN AUTO	02:15:52	PM Mar 18, 2024	
Center Freq 2.59300000	0 GHz #IFGain:Low	Center Freq: 2.5		ALIGN A010	Radio Sto		Frequency
Ref Offset 26.8 d 10 dB/div Ref 40.00 dB					_		
30.0 20.0							Center Free 2.593000000 GH
10.0	polinhloniush	person and a second	mannend	lon			
10.0	/				b .		
20.0 mileselanteral Although M					Mannah	Maple	
40.0							
Center 2.593 GHz					0		CF Step 3.000000 MH
Res BW 300 kHz		#VBW 1.	2 MHz			an 30 MHz veep 1 ms	<u>Auto</u> Mar
Occupied Bandwid		Total Power		8 dBm		Freq Offset 0 Ha	
Transmit Freq Error	3.478 MI 39.586 I		/ Power	9	9.00 %		
x dB Bandwidth	15.31 N				.00 dB		
SG				STATL	JS		

LTE41_15 M_OBW_Mid Channel_QPSK_FullRB



Agilent Spectrum Analyzer - Occupied BW		SENSE:	NT	ALIGN AUTO	02:15:56 PM Mar 18, 202	
Center Freq 2.593000000 PASS) GHz #IFGain:Low	Center Freq:	2.593000000 GHz n Avg Hol	d: 500/500	Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.8 d 10 dB/div Ref 40.00 dBr						
20.0						Center Fre 2.593000000 GH
10.0	monouloomo	vor den verde hander om	Notestan and the second	www		
0.00 10.0	/					
20.0 milion to mark Milling milion				Hyben	when when more thank	
40.0						
Center 2.593 GHz #Res BW 300 kHz		#\/B\M	1.2 MHz		Span 30 MHz	CF Stej 3.000000 MH <u>Auto</u> Ma
					Sweep 1 ms	
Occupied Bandwidt	th 3.472 MI		otal Power	29.9	dBm	Freq Offse 0 H
Transmit Freq Error	46.676	Hz O	BW Power	99.0	00 %	
x dB Bandwidth	14.77 N	IHz x	dB	-26.0	0 dB	
				STATUS		

LTE41_15 M_OBW_Mid Channel_16QAM_FullRB



Agilent Spectrum Analyzer - Occupied BV KI RL RF 50 Q AC	/		SENSE:INT		ALIGN AUTO	02:16:38	PM Mar 18, 2024	
Center Freq 2.59300000 PASS	D GHz #IFGain:Low	. Trig: F	r Freq: 2.59300 Free Run 1: 20 dB	00000 GHz Avg Hold	: 500/500	Radio Std		Frequency
Ref Offset 26.8 d 10 dB/div Ref 40.00 dB								
30.0 20.0								Center Free 2.593000000 GH
10.0	permanen	nenemore	no for the second second	Row Alandon	em l			
20.0					No.			
20.0 30.0 how he was a faith of the faith of					1044	harronymun	when so all when the	
50.0								CF Stej 3.000000 MH
Center 2.593 GHz #Res BW 300 kHz		#	VBW 1.2 N	/IHz			an 30 MHz eep 1 ms	<u>Auto</u> Ma
Occupied Bandwidth 13.468 MHz			Total Power		28.9 dBm			Freq Offset 0 Hz
Transmit Freq Error	25.469	kHz	OBW P	ower	99	.00 %		
x dB Bandwidth	15.56 N	AHz	x dB		-26.	00 dB		_
ISG					STATUS	5		

LTE41_15 M_OBW_Mid Channel_64QAM_FullRB



Agilent Spectrum Analyzer - Occupied							
Center Freq 2.5930000 PASS		SENSE:INT Center Freq: 2.59 Trig: Free Run #Atten: 20 dB		ALIGN AUTO	Radio Std		Frequency
Ref Offset 26.0 10 dB/div Ref 40.00 d				_			
20.0							Center Free 2.593000000 GH
10.0	mandan	hartogethille an way	werk-whenhennen	en.			
10.0							
20.0 30.0 <mark>milledania (hp/h.l.1).//h</mark> .				- The	Moralph	Mannah	
50.0							CF Stej 3.000000 MH
enter 2.593 GHz Res BW 300 kHz		#VBW 1.2	MHz			ep 1 ms	<u>Auto</u> Ma
Occupied Bandwidth 13.473 MH		Total Power		27.1	l dBm		Freq Offse 0 H
Transmit Freq Error			Power	99	9.00 %		
x dB Bandwidth	14.71 M	NHz x dB		-26.	00 dB		
ISG				STATU	s		

LTE41_15 M_OBW_Mid Channel_256QAM_FullRB



Agilent Spectrum Analyzer - Occup RL RF 50 Ω		SENSE:INT	ALIGN AUTO 0	2:18:58 PM Mar 18, 2024	
Center Freq 2.593000 PASS	0000 GHz #IFGain:Low	Center Freq: 2.593000000 GHz Trig: Free Run Avg Ho #Atten: 20 dB	ld: 500/500	lio Std: None lio Device: BTS	Frequency
Ref Offset 2 10 dB/div Ref 40.00					
30.0 20.0					Center Free 2.593000000 GH
10.0	protonotinung	newsulfanteringeneristic	Min		
10.0					
20.0 30.0 m. M. Mendlenster				white the the	
40.0					
50.0					CF Stej 4.000000 MH
Center 2.593 GHz #Res BW 390 kHz		#VBW 1.6 MHz		Span 40 MHz Sweep 1 ms	<u>Auto</u> Mar
Occupied Bandy	vidth 17.942 MI	Total Power	31.0 dB	m	Freq Offse 0 Hi
Transmit Freq Erro			99.00	%	
x dB Bandwidth	20.37 N		-26.00 0		
ISG			STATUS		

LTE41_20 M_OBW_Mid Channel_QPSK_FullRB



Agilent Spectri	um Analyzer - Occupied B	N	l anuar torf					
	RF 50 Ω AC eq 2.59300000	0 GHz #IFGain:Low	SENSE:INT Center Freq: 2.59 Trig: Free Run #Atten: 20 dB	3000000 GHz Avg Hold	ALIGN AUTO	Radio Sto	PM Mar 18, 2024 d: None vice: BTS	Frequency
10 dB/div Log	Ref Offset 26.8 Ref 40.00 dB							
30.0 20.0								Center Free 2.593000000 GH
10.0		Monoralia	and a second and the second	We wanter	wing l			
10.00		8			L.			
20.0 30.0	handhadhadhalahua	n			Mayntay	and produced	rebelanoslas	
40.0								
50.0 Center 2.5	602 OU-					0		CF Ster 4.000000 MH
Res BW			#VBW 1.0	6 MHz			an 40 MHz eep 1 ms	<u>Auto</u> Mai
Occup	ied Bandwid 1	th 7.904 MI		Power	30.1	l dBm		Freq Offse 0 Hz
Transm	it Freq Error	51.564		Power	99	9.00 %		
	ndwidth	20.24 N			-26.	00 dB		
ASG					STATU	s		

LTE41_20 M_OBW_Mid Channel_16QAM_FullRB



Agilent Spectro	rum Analyzer - Occupied BW RF 50 Q AC	1.0	1.0	SENSE:INT		ALIGN AUTO	02:19:41	PM Mar 18, 2024	
	eq 2.593000000) GHz #IFGain:Low	Center	Freq: 2.5930 ree Run		. Jack and	Radio Sto	i: None	Frequency
I0 dB/div	Ref Offset 26.8 d Ref 40.00 dBr					_			
30.0 20.0									Center Fre 2.593000000 GH
10.0		mon Marga Daso	the Ampleine	Anton Mary	manushara	My			
10.00						4			
20.0 30.0 April	www.hanowny.com					- MA	villan Mahan	mharddala	
40.0 50.0									CF Ste 4.000000 MH
Center 2.5 Res BW			#\	/BW 1.6 N	ЛНz			an 40 MHz eep 1 ms	<u>Auto</u> Ma
Occupied Bandwidth 17.970 MHz		Hz	Total Power		29.0 dBm			Freq Offse 0 H	
Transm	it Freq Error	79.530	kHz	OBW P	ower	99	9.00 %		
x dB Ba	ndwidth	19.82 N	IHz	x dB		-26.	00 dB		
SG						STATU	s		

LTE41_20 M_OBW_Mid Channel_64QAM_FullRB



Agilent Spectrum Analyzer - Occupied BW	960						
RL RF 50 Ω AC Center Freq 2.593000000 2ASS 2ASSS 2ASSS 2ASS <th>) GHz #IFGain:Low</th> <th>SENSE:INT Center Freq: 2.5930 Trig: Free Run #Atten: 20 dB</th> <th></th> <th>500/500</th> <th>Radio Std</th> <th></th> <th>Frequency</th>) GHz #IFGain:Low	SENSE:INT Center Freq: 2.5930 Trig: Free Run #Atten: 20 dB		500/500	Radio Std		Frequency
Ref Offset 26.8 d							
20.0							Center Free 2.593000000 GH
10.0	manuna	performant and a strand and a	almona and we	n			
10.0				h			
20.0 30.0				hun	Unwillion	Amatalian	
50.0							CF Step 4.000000 MH
Center 2.593 GHz Res BW 390 kHz		#VBW 1.61	VIHz			eep 1 ms	<u>Auto</u> Mar
Occupied Bandwidt	th 7.986 MI	Total F	Power	27.2	2 dBm		Freq Offse 0 H
Transmit Freq Error	76.069		Power	99	9.00 %		
x dB Bandwidth	19.53 N				00 dB		
SG				STATU	s		

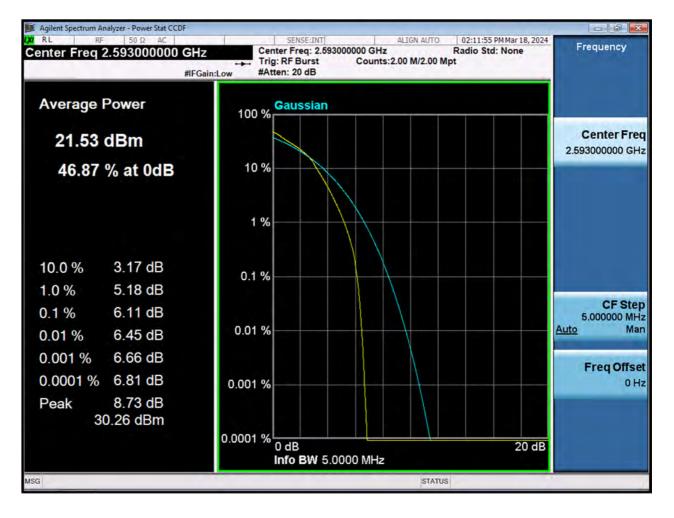
LTE41_20 M_OBW_Mid Channel_256QAM_FullRB





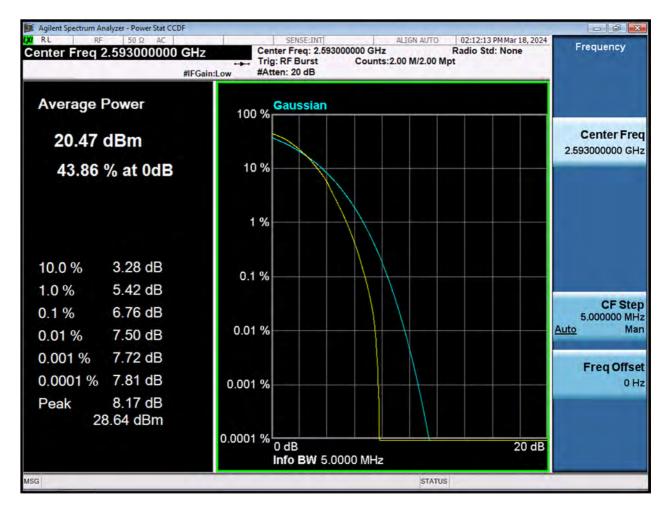
LTE41_5 M_PAR_Mid Channel_QPSK_FullRB





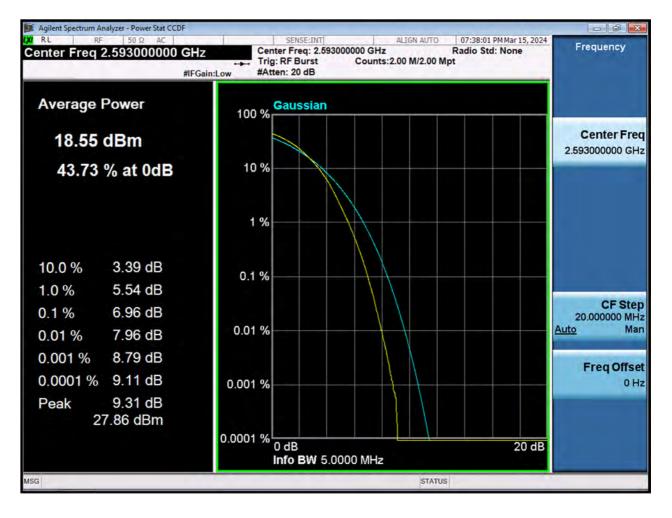
LTE41_5 M_PAR_Mid Channel_16QAM_FullRB





LTE41_5 M_PAR_Mid Channel_64QAM_FullRB





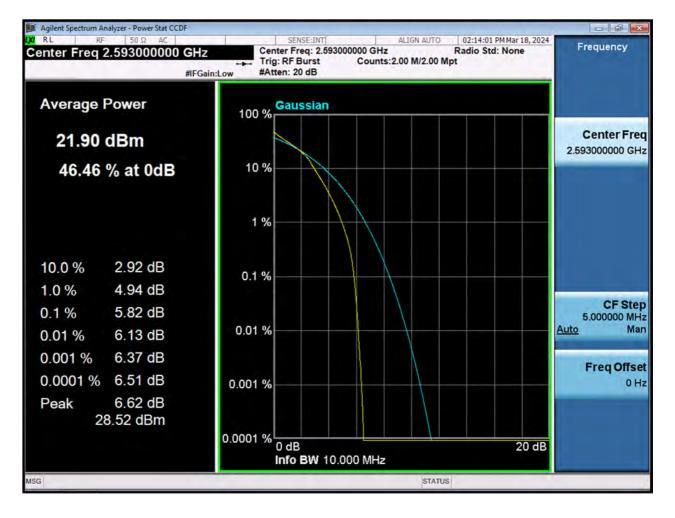
LTE41_5 M_PAR_Mid Channel_256QAM_FullRB



enter Freq 2	50 Ω AC 2.593000000 GH #FC	Z SENSE:INT ALIGN AUTO 02:14:58 PMM Center Freq: 2.593000000 GHz Radio Std: No Trig: RF Burst Counts:2.00 M/2.00 Mpt #Atten: 20 dB	
Average I	ower	100 % Gaussian	
22.93		10 %	Center Free 2.593000000 GH
49.05	% at 0dB	1 %	
10.0 % 1.0 %	2.36 dB 4.27 dB	0.1 %	
0.1 % 0.01 %	4.80 dB 5.03 dB	0.01 %	CF Ste 10.000000 MH <u>Auto</u> Ma
0.001 % 0.0001 %	5.22 dB 5.40 dB	0.001 %	Freq Offse
Peak 28	5.47 dB 3.40 dBm		
		0.0001 % 0 dB Info BW 10.000 MHz	20 dB
G		STATUS	

LTE41_10 M_PAR_Mid Channel_QPSK_FullRB





LTE41_10 M_PAR_Mid Channel_16QAM_FullRB





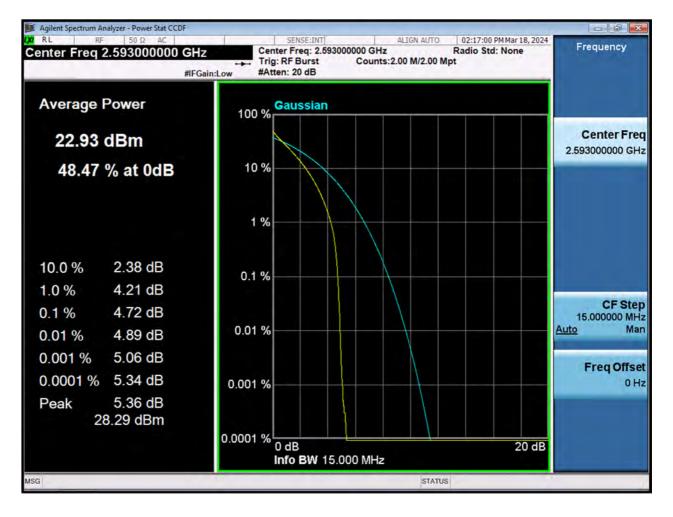
LTE41_10 M_PAR_Mid Channel_64QAM_FullRB





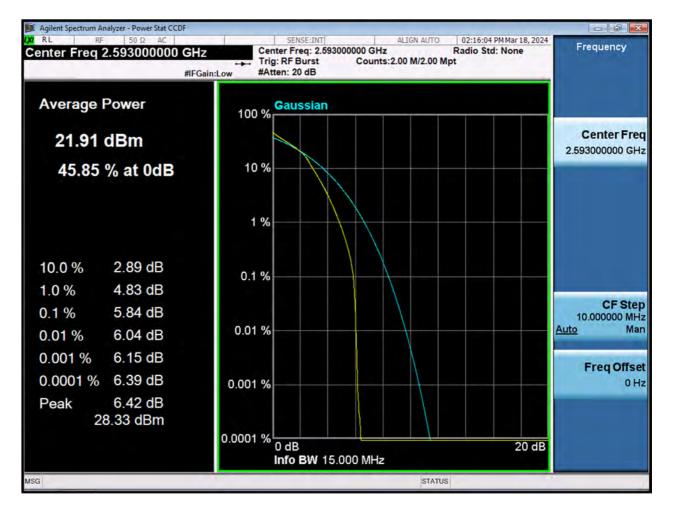
LTE41_10 M_PAR_Mid Channel_256QAM_FullRB





LTE41_15 M_PAR_Mid Channel_QPSK_FullRB





LTE41_15 M_PAR_Mid Channel_16QAM_FullRB





LTE41_15 M_PAR_Mid Channel_64QAM_FullRB





LTE41_15 M_PAR_Mid Channel_256QAM_FullRB





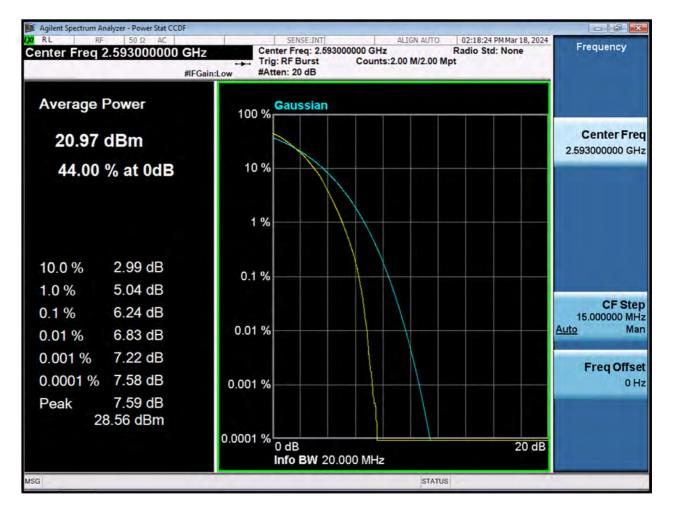
LTE41_20 M_PAR_Mid Channel_QPSK_FullRB





LTE41_20 M_PAR_Mid Channel_16QAM_FullRB





LTE41_20 M_PAR_Mid Channel_64QAM_FullRB





LTE41_20 M_PAR_Mid Channel_256QAM_FullRB



	Ω AC	SENSE:IN		ALIGN AUTO	07:36:14 PM Ma	ar 15, 2024	E de contrata de
enter Freq 5.0150	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 20 dB		Type: RMS	TRACE 1 TYPE A DET A	23450 AAAAA	Frequency
dB/div Ref 10.00	Auto Tune						
0.0 0.0	²						Center Fre 5.015000000 GH
00							Start Fre 30.000000 MH
00		1				RMS	Stop Fre 10.00000000 GF
tart 30 MHz	#\/	BW 3.0 MHz		Sweep 17	Stop 10.00 .33 ms (2000	0 GHz 01 pts)	CF Ste
Res BW 1.0 MHz	x	Y	FUNCTION	FUNCTION WIDTH	FUNCTION V	ALUE ·	
KR MODE TRC SCL 1 N 1 f 2 N 1 f 3 4 5		¥ -66.943 dBm -8.086 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION V	ALUE	Auto Ma Freq Offse
KR MODE TRC SCL 1 N 1 f 2 N 1 f 3 4 4 4	X 3.685 0 GHz	-66.943 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION V	ALUE E	

LTE41_5 M_CSE(30 M-10 G)_Lowest Channel



		-Tennet		_				um Analyzer - Sw	Spectru	
Frequency	PM Mar 15, 2024 CE 1 2 3 4 5 0 PE A 4 4 4 A A A A A	TRAC	ALIGN AUTO		SENSE:IN	NO: Fast 🔸			Fre	enter
Auto Tune	Mkr1 3.696 5 GHz dB/div Ref 10.00 dBm -67.099 dBm									
Center Free 5.015000000 GH										
Start Free 30.000000 MH										
Stop Fre 10.000000000 GH	RMS			,		, 			mant	0.0 0.0
CF Ste 997.000000 MH <u>Auto</u> Ma	0.000 GHz 0001 pts)	.33 ms (2	Sweep 17	FUNCTION	3.0 MHz	#VBW	X	.0 MHz	W 1	art 3 Res B
Freq Offse 0 H					-67.099 dBm -8.434 dBm	5 GHz 8 GHz			1	
	- •		STATUS		m					3

LTE41_5 M_CSE(30 M-10 G)_Mid Channel



							rum Analyzer - Swep	
Frequency	2:47 PM Mar 15, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	ALIGN AUTO	#Avg	rig: Free Run		0000 GHz PNO: Fast	RF 50 Ω eq 5.01500	nter Fr
Auto Tune	703 9 GHz 7.198 dBm	Mkr		Atten: 20 dB	Low	IFGain:Lov	Ref 10.00 (dB/div
Center Free 5.015000000 GH						2		
Start Fre 30.000000 MH								0 0
Stop Fre 10.000000000 GH	RMS							0 0 0
CF Ste 997.000000 M⊢ <u>Auto</u> Ma	o 10.000 GHz s (20001 pts)	Sweep 17.3	FUNCTION	0 MHz	#VBW	#V	1.0 MHz	art 30 M es BW
Freq Offse 0 H	E		,	7.198 dBm 7.292 dBm		3.703 9 GHz 2.690 5 GHz		N 1 N 1
				m				
		STATUS			_			-

LTE41_5 M_CSE(30 M-10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA					
RL RF 50 Ω AC enter Freq 5.01500000	O GHz PNO: Fast Trig: F	ree Run	g Type: RMS	07:46:22 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low #Atten	: 20 dB	Mk	1 3.705 4 GHz -67.120 dBm	Auto Tun
	λ ²				Center Fre 5.015000000 GH
					Start Fre 30.000000 MH
00				FMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW 3.0 MH	1z FUNCTION	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 -67.120 2.497 1 GHz -10.704	dBm	PONCHON WIDTH	FORCHONVALUE	Freq Offs 0 F
6 7 8 9 10 11					
G	m		STATUS		

LTE41_10 M_CSE(30 M-10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swept SA		transfer that the second			
RL RF 50 Q AC Center Freq 5.015000000	PNO: Fast + Irig:	Free Run	ALIGN AUTO	07:49:55 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
OdB/div Ref 10.00 dBm	IFGain:Low #Atte	en: 20 dB	Mki	r1 3.689 5 GHz -67.191 dBm	Auto Tune
-og 0.00 10.0 20.0	2				Center Fre 5.015000000 GH
30 0 40 0 50 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 N	AHZ FUNCTION	Sweep 17.	Stop 10.000 GHz 33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 3.	689 5 GHz -67.19	1 dBm 1 dBm		E	Freq Offso 0 ⊦
8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	III		STATUS		

LTE41_10 M_CSE(30 M-10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept SA					
RL RF 50Ω A Center Freq 5.0150000		Trig: Free Run	#Avg Type: RMS	07:52:54 PM Mar 15, 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 dB	IFGain:Low	#Atten: 20 dB	Mk	r1 3.698 0 GHz -67.072 dBm	Auto Tune
.00 0.00 10.0 20.0	2				Center Fre 5.015000000 GH
10.0 10.0 50.0					Start Fre 30.000000 MH
00				RMS	Stop Fre 10.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB\	V 3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 2 N 1 f 3 4 5 6	3.698 0 GHz 2.690 0 GHz	-67.072 dBm -7.988 dBm		E	Freq Offse 0 H
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
G		m	STATUS	,	

LTE41_10 M_CSE(30 M-10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA					1	
enter Freq 5.01500000	PNO: Fast +	Trig: Free Run		ALIGN AUTO	07:56:28 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 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 3.709 4 GHz -66.989 dBm	Acres Trees
	¢ ²					Center Fre 5.015000000 GH
						Start Fre 30.000000 MH
0.0			~~~	**************************************	RMS	Stop Fre 10.00000000 GH
tart 30 MHz Res BW 1.0 MHz		V 3.0 MHz	FUNCTION	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 Mi Auto Ma
1 N 1 f	3.709 4 GHz 2.497 6 GHz	-66.989 dBm -10.162 dBm			=	Freq Offs 0 F
6 7 8 9 9 0 0 1						
G		m		STATUS	•	

LTE41_15 M_CSE(30 M-10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swep						
RL RF 50 Ω enter Freq 5.01500	PNO: Fast +	Trig: Free Run #Atten: 20 dB		ALIGN AUTO	08:00:00 PM Mar 15, 2024 TRACE 1 2 3 4 5 TYPE A WWWW DET A A A A A	Frequency
0 dB/div Ref 10.00 d	IFGain:Low	#Atten: 20 dB		Mk	r1 3.715 4 GHz -67.109 dBm	Auto Tun
	\diamond^2					Center Fre 5.015000000 G⊦
00 00 00						Start Fre 30.000000 MH
00		1			RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 3.0 MHz	FUNCTION	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 Mi Auto Ma
1 N 1 f 2 N 1 f 3 4 5 6	3.715 4 GHz 2.586 8 GHz	-67.109 dBm -6.496 dBm	FORCHON	PONCTION (ID) H	FONCTION VALUE	Freq Offs 0 F
		m				
G				STATUS	,	

LTE41_15 M_CSE(30 M-10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept					
Center Freq 5.015000		SENSE:INT	#Avg Type: RMS	08:03:00 PM Mar 15, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	Frequency
IO dB/div Ref 10.00 dl	IFGain:Low	#Atten: 20 dB	Mk	r1 3.680 0 GHz -66.926 dBm	Auto Tun
					Center Fre 5.015000000 GH
40 0 40 0 50 0					Start Fre 30.000000 MH
50 0 70 0 50 0				RMS	Stop Fre 10.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	N 3.0 MHz	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 2 N 1 f 3 4 5 6	3.680 0 GHz 2.690 0 GHz	-66.926 dBm -8.321 dBm		E	Freq Offso 0 ⊦
7 8 9 10 11		m			
SG			STATUS	*	

LTE41_15 M_CSE(30 M-10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA		1			
RL RF 50 Ω AC center Freq 5.01500000	0 GHz PNO: Fast	SENSE:INT	#Avg Type: RMS	08:06:35 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dBm	IFGain:Low	#Atten: 20 dB	M	(r1 3.661 6 GHz -67.084 dBm	Auto Tun
	¢ ²				Center Fre 5.015000000 GH
100					Start Fre 30.000000 MH
00				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 Mi Auto Mi
		Y FU 67.084 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
	2.497 6 GHz	10.781 dBm			Freq Offs 0 F
6 7 8 9 9 0 1					
G		m	STATU	s	

LTE41_20 M_CSE(30 M-10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swept S					1	×
RL RF 50 Q Center Freq 5.015000	000 GHz PNO: Fast -	SENSE:INT		ALIGN AUTO	08:10:06 PM Mar 15, 2024 TRACE 1 2 3 4 5 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 dB	IFGain:Low	#Atten: 20 dB		Mk	r1 3.705 4 GHz -66.980 dBm	Auto Trees
						Center Fre 5.015000000 GH
io o						Start Fre 30.000000 MH
00					RMS	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz		W 3.0 MHz	FUNCTION	Sweep 17	Stop 10.000 GHz .33 ms (20001 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 f 2 N 1 f 3 4 5 6 6 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 7 8 7 7 7 7 7 7 7 7 8 7	X 3.705 4 GHz 2.584 8 GHz	-66.980 dBm -7.089 dBm	PONCTION		FUNCTION VALUE	Freq Offse 0 H
9 		m		STATUS		

LTE41_20 M_CSE(30 M-10 G)_Mid Channel



Agilent Spectrum Analyzer - Swep					
RL RF 50Ω Center Freq 5.01500	0000 GHz PNO: Fast +>	Trig: Free Run	#Avg Type: RMS	08:13:04 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
0 dB/div Ref 10.00 d	IFGain:Low	#Atten: 20 dB	Mk	r1 3.705 4 GHz -66.727 dBm	Auto Tun
og 0.00 10.0	²				Center Fre 5.015000000 GH
40.0 50 0					Start Fre 30.000000 MH
20 0 70 0 10 0				FMS	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 2 N 1 F 3 - - - 4 - - - 5 - - - 6 - - - -	3.705 4 GHz 2.689 5 GHz	-66.727 dBm -6.886 dBm		E	Freq Offso 0 ⊦
7 8 9 10 11 11		m			
SG			STATUS		

LTE41_20 M_CSE(30 M-10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA				1	- # ×
Center Freq 18.500000		SENSE:INT	#Avg Type: RMS	07:36:30 PM Mar 15, 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	IFGain:High	#Atten: 0 dB	Mkr	1 26.125 3 GHz -76.448 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0				RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#\/B\M	3.0 MHz	Sweep 42	Stop 27.000 GHz 2.67 ms (40000 pts)	
MSG	# * D *	0.0 141112	STATUS		

LTE41_5 M_CSE(Above10 G)_Lowest Channel



					Agilent Spectrum Analyzer - Swept SA
Frequency	07:40:06 PM Mar 15, 2024 TRACE 1 2 3 4 5 0	#Avg Type: RMS	SENSE:INT	RF 50 Q AC eq 18.500000000 GHz	
			Trig: Free Run #Atten: 0 dB	PNO: Fast ++ IFGain:High	
Auto Tune	1 26.144 9 GHz -76.131 dBm	Mkr		Ref -20.00 dBm	10 dB/div Ref -20.00 dB
Center Freq 18.500000000 GHz					-30.0
Start Freq 10.000000000 GHz					-40.0
Stop Freq 27.000000000 GHz					-60.0
CF Step 1.700000000 GHz <u>Auto</u> Man	RMS				-80.0
Freq Offset 0 Hz				<u>المعا</u> التك فتش م	-100
					-110
	Stop 27.000 GHz .67 ms (40000 pts)	Sweep 42	3.0 MHz		Start 10.000 GHz #Res BW 1.0 MHz
		STATUS			MSG

LTE41_5 M_CSE(Above10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept SA					- ē ×
M RL RF 50 Ω Center Freq 18.500000		SENSE:INT	#Avg Type: RMS	07:43:04 PM Mar 15, 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	IFGain:High	#Atten: 0 dB	Mkr	1 26.106 2 GHz -76.357 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0			, mun	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3	3.0 MHz	Sweep 42	Stop 27.000 GHz .67 ms (40000 pts)	
MSG			STATUS		

LTE41_5 M_CSE(Above10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA	_			100.5.0.00.00	- é ×
RL RF 50 Q AC enter Freq 18.500000000	PNO: Fast	SENSE:INT	#Avg Type: RMS	07:46:38 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
dB/div Ref -20.00 dBm	IFGain:High	#Atten: 0 dB	Mki	1 26.170 0 GHz -76.196 dBm	Auto Tune
DD					Center Freq 18.500000000 GHz
0.0					Start Freq 10.000000000 GHz
00					Stop Freq 27.000000000 GHz
				RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
					Freq Offset 0 Hz
tart 10.000 GHz Res BW 1.0 MHz	#VBW 3		Swaan 4	Stop 27.000 GHz	
	#VBW	0.0 WIN2	Sweep 4	2.67 ms (40000 pts)	

LTE41_10 M_CSE(Above10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.500000	PNO: Fast Tr	ig: Free Run	ALIGN AUTO #Avg Type: RMS	07:50:11 PM Mar 15, 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 dBn	n ounsingn	tten: 0 dB	Mkr	1 26.107 5 GHz -76.346 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
80.0		****	m	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0	MHz	Sweep 42	Stop 27.000 GHz 2.67 ms (40000 pts)	
	#4844 5.0	191112	Sweep 42		

LTE41_10 M_CSE(Above10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.50000000	0 GHz	SENSE:INT	ALIGN AUTO #Avg Type: RMS	07:53:11 PM Mar 15, 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 dBm	IFGain:High	#Atten: 0 dB	M	r1 26.184 4 GHz -76.496 dBm	
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0				Pine Pine	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
-110 Start 10.000 GHz				Stop 27.000 GHz	
#Res BW 1.0 MHz	#VBW 3	3.0 MHz	Sweep 4	2.67 ms (40000 pts)	

LTE41_10 M_CSE(Above10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.5000000	00 GHz PNO: Fast	SENSE:INT	#Avg Type: RMS	07:56:46 PM Mar 15, 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 dBm	IFGain:High	#Atten: 0 dB	Mkr	1 26.180 6 GHz -76.097 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0					CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3	0.0443	6.0000 d	Stop 27.000 GHz	
	#VIDW 3	.0 191112	Sweep 42	2.67 ms (40000 pts)	

LTE41_15 M_CSE(Above10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.50000000	PNO: Fast TI	rig: Free Run Atten: 0 dB	#Avg Type: RMS	08:00:18 PM Mar 15, 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 dBm	IFGain:High ##	Atten: 0 dB	Mkr	1 26.155 9 GHz -76.254 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
90.0			, mun	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
-110 Start 10.000 GHz				Stop 27.000 GHz	
#Res BW 1.0 MHz	#VBW 3.0) MHz	Sweep 42	.67 ms (40000 pts)	

LTE41_15 M_CSE(Above10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept S					- ē ×
RL RF 50 Q Center Freq 18.50000	0000 GHz	SENSE:INT	#Avg Type: RMS	08:03:16 PM Mar 15, 2024 TRACE 1 2 3 4 5 0	Frequency
	PNO: Fast +++ IFGain:High	#Atten: 0 dB			
10 dB/div Ref -20.00 dl	Bm		Mkr	1 25.823 6 GHz -76.491 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0			-	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
-110					
Start 10.000 GHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 42	Stop 27.000 GHz .67 ms (40000 pts)	
MSG			STATUS		

LTE41_15 M_CSE(Above10 G)_Highest Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.500000		SENSE:INT	#Avg Type: RMS	08:06:51 PM Mar 15, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A A	Frequency
10 dB/div Ref -20.00 dB	IFGain:High	#Atten: 0 dB	Mkr	1 26.167 4 GHz -76.419 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0			-	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#\/B\M	3.0 MHz	Sweep 42	Stop 27.000 GHz 2.67 ms (40000 pts)	
MSG	# 4 D 4 4		Sweep 42		

LTE41_20 M_CSE(Above10 G)_Lowest Channel



Agilent Spectrum Analyzer - Swept S					
M RL RF 50 Ω Center Freq 18.500000		SENSE:INT	#Avg Type: RMS	08:10:22 PM Mar 15, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW	Frequency
	IFGain:High	#Atten: 0 dB	Mkr		Auto Tune
10 dB/div Ref -20.00 dE	3m			1 26.154 2 GHz -76.277 dBm	
-30.0					Center Freq 18.50000000 GHz
					18.50000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq
-70.0				1 RMS	27.00000000 GHz
-80.0			m		1.700000000 GHz Auto Man
-100					Freq Offset 0 Hz
-110					
Start 10.000 GHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 42	Stop 27.000 GHz .67 ms (40000 pts)	
MSG			STATUS		

LTE41_20 M_CSE(Above10 G)_Mid Channel



Agilent Spectrum Analyzer - Swept SA					
Center Freq 18.5000000	00 GHz PNO: Fast	SENSE:INT	#Avg Type: RMS	08:13:21 PM Mar 15, 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 dBm	IFGain:High	#Atten: 0 dB	Mkr	1 26.151 3 GHz -76.317 dBm	Auto Tune
-30.0					Center Freq 18.500000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0					Stop Freq 27.000000000 GHz
-80.0		*****	mun	RMS	CF Step 1.700000000 GHz <u>Auto</u> Man
-100					Freq Offset 0 Hz
Start 10.000 GHz #Res BW 1.0 MHz	#\/D\M	3.0 MHz	Swoop 42	Stop 27.000 GHz 2.67 ms (40000 pts)	
MSG	# V D VV	5.0 WIL12	Sweep 42		

LTE41_20 M_CSE(Above10 G)_Highest Channel



12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2404-FC020-P