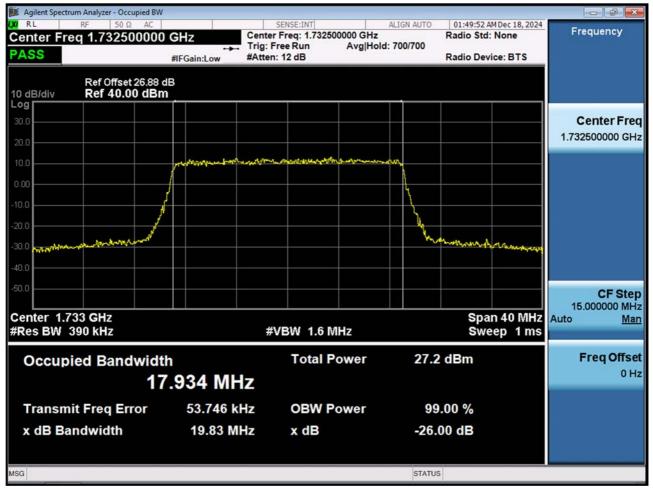


LTE B4_20 M_OBW_Mid_64QAM_FullRB





LTE B4_20 M_OBW_Mid_256QAM_FullRB



RL		50 Ω AC		SENSE:IN		ALIGN AUTO	01:08:10 AM Dec 18, 2024	Francisco
enter Fr	req 5.01	500000	0 GHz PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 12 dB	n	g Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P	
dB/div	Ref 2.0	0 dBm				Mkr	1 7.188 46 GHz -66.076 dBm	Auto Tur
		¥2						Center Fre 5.015000000 Gi
.0 .0 .0						1		Start Fre 30.000000 M
.0 .0 .0	sensingentitet	, Langenat	earth and and an and an and an a	er trigent og stelnen verskette	aadre wekaarreger	· officer of the state of the s	PEAK alionauthanathteanathara	Stop Fr 10.000000000 G
art 30 M es BW	1.0 MHz	×		W 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 15.000000 M Auto <u>M</u>
N 1			.188 46 GHz .714 93 GHz	-66.076 dBm -1.927 dBm			E	Freq Offs

LTE B4_1.4M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



RL RF	50 Ω AC		SENSE:INT	ALIGN AUTO	01:11:34 AM Dec 18, 2024	Fraguisment
enter Freq 5.01	5000000	PNO: Fast ↔ IFGain:Low	→ Trig: Free Run #Atten: 12 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 0 TYPE M WWWWWW DET P P P P P P	Frequency
dB/div Ref 2.0	00 dBm			Mkr	1 7.268 22 GHz -66.155 dBm	Auto Tur
99 .00 8.0	*2					Center Fre 5.015000000 GH
3.0 3.0 3.0				1		Start Fro 30.000000 Mi
8.0 8.0 8.0		hand an franker frank	a an	and an and a start a start a start a st	PEAN Anthra Aggington Jacon a Union agen	Stop Fro 10.000000000 GR
art 30 MHz Res BW 1.0 MHz	×	#VBW	/ 3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 15.000000 Mi Auto <u>M</u>
N 1 f 2 N 1 f	7.20	58 22 GHz 34 87 GHz	-66.155 dBm -1.026 dBm		E	Freq Offs 01

LTE B4_1.4M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB

-0 [m]



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Agilent Spectru	CONTRACTOR OF A DESCRIPTION OF A DESCRIP	and the second sec	r r					
enter Fre		50 Ω AC 5000000	PNO: Fast	Trig: Free Ru #Atten: 12 dE	#Avç	ALIGN AUTO g Type: RMS	01:13:53 AM Dec 18, 2024 TRACE 1 2 3 4 5 TYPE MWWWWW DET P P P P P P	Frequency
0 dB/div	Ref 2.00) dBm	IFGain:Low	#Atten: 12 de		Mkr	1 2.582 32 GHz -65.669 dBm	Auto Tur
og .00 8.0 8.0		[^] 2						Center Fre 5.015000000 Gi
3.0 3.0 3.0								Start Fr 30.000000 M
3.0 6 -07 4 -0 4 -1 3.0	un stand	hippandon	an and a star and a star and a star and a star a	gertelagangleigt fan ster gan ster fan ster	kiegerskelmenterskelderssenselsk	negolister for and have been been been been been been been be	PEAK	Stop Fr 10.00000000 G
art 30 MH les BW 1.	.0 MHz	×		W 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 15.000000 M Auto <u>M</u>
1 N 1 2 N 1 3		<u>2</u> . 1.	582 32 GHz 754 81 GHz	-65.669 dBm -0.173 dBm			E	Freq Offs 0
6 7 8 9 0								
3				m		STATUS		

LTE B4_1.4M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



- 6							ter - Swept S		nt Spectru	
Frequency	01:16:27 AM Dec 18, 2024 TRACE 1 2 3 4 5 6 TYPE M	ALIGN AUTO	#A	SENSE: Trig: Free Ru	Hz NO: Fast	AC 0000 GH		^{RF} eq 5.0	er Fre	RL ente
Auto Tur	3.698 96 GHz -65.205 dBm	Mkr	3	#Atten: 12 di	Gain:Low	IFO	.00 dBi	Ref 2	div	dB/
Center Fre 5.015000000 GF							¥2			g 00 - 3.0 - 3.0 -
Start Fro 30.000000 Mi					1					.0 - .0 - .0 -
Stop Fro 10.00000000 GR	PEAK Philippinian in provide states	n an	rfytelowenerserser	n na sa	and the second second	an a		annabett ^a r	hallelar	3.0 3.0 3.0
CF Ste 15.000000 Mi Auto <u>M</u>	Stop 10.000 GHz 67 ms (1001 pts)	Sweep 16	FUNCTION	3.0 MHz	#VBW 3	x	z	.0 MH	30 MH BW 1	les
Freq Offs 0 I				65.205 dBm -1.838 dBm	96 GHz 93 GHz	3.698 9 1.714 9		f	1	
	•	STATUS		m						

LTE B4_3 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



							er - Swept S	10000000000000000000000000000000000000	ent Spectru	
Frequency	11:19:27 AM Dec 18, 2024 TRACE 2 3 4 5 TYPE M WWWWWW DET P P P P P P	ALIGN AUTO	#Av	SENSE:I	NO: Fast			^{RF} eq 5.0	er Fre	RL ente
Auto Tur	.688 99 GHz -65.849 dBm	Mkr1		#Atten: 12 dB	Gain:Low		.00 dBi	Ref 2	/div	dB/
Center Fre 5.015000000 GH							<u>^2</u>			
Start Fro 30.000000 Mi					1_					0. .0 .0
Stop Fre 10.000000000 GF	PEAK	neggehet by sold neggely bergely y	und the second and a second	Liftyer ^y stadertettetterer	e Manner phone t	enterneterneter	and the most	+,lipi,	gotalline to a	1.0 10 1.0 1.0
CF Ste 15.000000 Mi Auto <u>M</u> i	top 10.000 GHz 7 ms (1001 pts)	Sweep 16.	FUNCTION	.0 MHz	#VBW :	x	z	.0 MH	BW 1	es
Freq Offs 0 F				5.849 dBm -0.104 dBm	9 GHz 7 GHz	3.688 99 1.734 87		f	N 1 N 1	
		STATUS		m.						

LTE B4_3 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



RL		50 Ω AC		SENS	EINT		ALIGN AUTO		4 Dec 18, 2024	Francisco
enter Fr	eq 5.01	500000	0 GHz PNO: Fast ↔ IFGain:Low	Trig: Free #Atten: 12	Run	#Avg Typ	e: RMS	TYP	E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency
dB/div	Ref 2.0	- Water and the second s					Mkr	1 2.542 -66.32	44 GHz 26 dBm	Auto Tun
29 .00 8.0 8.0		↑2 								Center Fre 5.015000000 GH
3.0 3.0 3.0			<u>1</u>							Start Fre 30.000000 Mi
8.0 8.0 8.0	المستام المحمد	al and the second second	whenever when whe	wheney and a	Narajata ayong ngangangan	ndree por the population of th	unter and a	progetine of the	PEAK and and and and and and and and and and	Stop Fre 10.000000000 GF
art 30 M Res BW	1.0 MHz	×		₩ 3.0 MHz	FUNCTI	1 (C. 1997)	Sweep 1	Stop 10. 6.67 ms (1	1001 pts)	CF Ste 15.000000 M Auto <u>M</u>
1 N 1		2	.542 44 GHz .754 81 GHz	-66.326 dBi -0.253 dBi	m					Freq Offs 01
7 B				11					-	
3						_	STATUS	Y	-	

LTE B4_3 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



RL RF	50 Ω AC		SENSE:INT	ALIGN AUTO	01:24:19 AM Dec 18, 2024	
enter Freq 5.0	015000000	GHz PNO: Fast ↔ IFGain:Low	 Trig: Free Run #Atten: 12 dB 	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P	Frequency
dB/div Ref 2	2.00 dBm			Mkr	1 5.304 13 GHz -65.870 dBm	Auto Tur
9 00 00 00 00	¥2					Center Fre 5.015000000 GH
0 0 0			_ 1-			Start Fro 30.000000 M
0 0 0	n fan al Harrin Walderson	Paroder a free and the start	- An an a start and a start and a start	and a second and a second and a second s	PEAK Warner Maainer Stader - Stader	Stop Fr 10.000000000 G
art 30 MHz es BW 1.0 MH	Hz	#VBW	/ 3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 15.000000 M Auto <u>M</u>
N 1 f N 1 f	5.3	04 13 GHz 14 93 GHz	-65.870 dBm -1.593 dBm		=	Freq Offs 0
			m	STATUS	•	

LTE B4_5 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



- 6		1			1	- T		zer - Swept SA	Service States and		Agile
Frequency	M Dec 18, 2024 CE 1 2 3 4 5 6 PE M WWWWW	TRAC	ALIGN AUTO	#Av	SENSE:I): Fast 🔸	000 GHz	50 Ω A 0150000	_R ⊧ eq 5.0	· · · · · · · · · · · · · · · · · · ·	
Auto Tur	05 GHz 70 dBm	1 3.669	Mkr		Atten: 12 dB	in:Low	IFGai	.00 dBm	Ref 2	3/div	dB/
Center Fre 5.015000000 GH								^2			9 .0 -
Start Fre 30.000000 MH						1					.0 - .0 - .0 -
Stop Fre 10.000000000 GF	PEAN prophylicitic	en the Astrophens	enighten anten bertragen	havhandvakistran	herton from the state	and the second	langung ^k ard panya dar d	and mart	proversion and the	whythe	1.0 1.0 1.0
CF Ste 15.000000 MH Auto <u>Ma</u>	.000 GHz 1001 pts)	6.67 ms (Sweep 1	FUNCTION	0 MHz	#VBW (X	z	1.0 MH	t 30 M S BW	les
Freq Offs 0 F	E				5.370 dBm 0.271 dBm	GHz - GHz	3.669 05 0 1.734 87 0			N 1 N 1	1 1 2 1 3 1 4 1 5 1
											6 7 8 9 0
	•	5	STATUS								

LTE B4_5 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



Agilent Sp

RL		OΩ AC		SENSE:		ALIGN AUTO	01:29:33 AM Dec 18, 20	
enter Fre	eq 5.015	5000000	GHz PNO: Fast ← IFGain:Low	Trig: Free Ru #Atten: 12 d	n	g Type: RMS	TRACE 1234 TYPE MWWWW DET PPPP	P P
dB/div	Ref 2.00	dBm				Mkr	1 3.728 87 GH -66.264 dBr	
9		↑2 						Center Fre 5.015000000 G
0 0				1				Start Fr 30.000000 M
.0 .0 .0	nalignaliterational	and	W Monoral Constant	, physical and a second s	e haad militan kaan kaan kaan kaan kaan kaan kaan k	A Construction of the cons	PE Internetic and the second s	Stop Fr 10.000000000 G
art 30 MH es BW 1	.0 MHz	x	#VB	W 3.0 MHz Y	FUNCTION	Sweep 1	Stop 10.000 GH 6.67 ms (1001 pt FUNCTION VALUE	CF Sto s) 15.000000 M Auto <u>M</u>
N 1 N 1		<u>3.7</u> 1.7	28 87 GHz 54 81 GHz	-66.264 dBm 0.534 dBm				Freq Offs
				ш.			•	-

LTE B4_5 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



RL		50 Ω AC		SENSE:IN		ALIGN AUTO	01:32:05 AM Dec 18, 2024	Fraguaneu
enter Fr	req 5.01	500000	00 GHz PNO: Fast ↔ IFGain:Low	→ Trig: Free Run #Atten: 12 dB		g Type: RMS	TRACE 1 2 3 4 5 TYPE M WWWWW DET P P P P P	
dB/div	Ref 2.0					Mkr	1 7.158 55 GHz -66.468 dBm	Auto Tur
9 00 3.0 3.0		2						Center Fre 5.015000000 GF
3.0 3.0 3.0						1		Start Fr 30.000000 M
3.0 Jawles 1 3.0	neter en antre table	matrian	all har and a provide the	an a	1994 1990 999 1994 1994 1994 1994 1994 1	nenamelaalingereedealing	PEAK Arwwatuwathagatatracia	Stop Fr 10.000000000 G
art 30 N les BW	1.0 MHz		#VBV	N 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 15.000000 M Auto <u>M</u>
N 1			7.158 55 GHz 1.714 93 GHz	-66.468 dBm -0.628 dBm				Freq Offs
				m				
1						STATUS	7	

LTE B4_10 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



	RF 50			SENSE		ALIGN AUTO	01:34:53 AM Dec 18, 2024	Fraguaneu
enter Freq	5.0150	00000	CHZ PNO: Fast ← IFGain:Low	Trig: Free R #Atten: 12 d	lun	g Type: RMS	TRACE 1 2 3 4 5 TYPE MWWWWW DET PPPPP	
dB/div R	ef 2.00	dBm				Mkr	1 6.231 34 GHz -65.492 dBm	
9 00 1.0 1.0		2						Center Fre 5.015000000 GH
0 .0 .0					1			Start Fre 30.000000 Mi
1.0 1.0 1.0	an a	watere	Magyan Anna Anna Anna Anna Anna Anna Anna A	and the second states and a se	good again the second and a second a	anger af manufation	PEAK	Stop Fro 10.000000000 Gl
art 30 MHz es BW 1.0	MHz	×	#VB	W 3.0 MHz Y	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 15.000000 MI Auto <u>M</u>
		6.23 1.73	31 34 GHz 24 90 GHz	-65.492 dBn 0.247 dBn	n 			Freq Offs 01

LTE B4_10 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



Agilent Sp

RL		50 Ω AC		SENSE		ALIGN AUTO	01:37:13 AM Dec 18, 2024	Frequency
enter Fr	eq 5.01	500000	00 GHz PNO: Fast ← IFGain:Low	Trig: Free R #Atten: 12 d	un	g Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P	
dB/div	Ref 2.0	0 dBm				Mkr	1 3.140 64 GHz -66.043 dBm	Auto Tur
		<u>↑</u> 2						Center Fr 5.015000000 G
1.0 1.0 1.0 1.0			1					Start Fr 30.000000 M
1.0 1.0 1.0	Innopolitie	une laster Monarter	revenuelonation	and	unter and a second	and an and a second	PEAK ماليمواريم الماليون من يعري ماليون المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع الم المراجع المراجع	Stop Fr 10.000000000 G
art 30 M les BW	1.0 MHz			N 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF St 15.000000 M Auto <u>M</u>
N 1		1	8.140 64 GHz 1.754 81 GHz	-66.043 dBm 0.159 dBm		FUNCTION WIDTH	FUNCTION VALUE	Freq Offs 0
							+	
						STATUS		

LTE B4_10 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



F	01:39:48 AM Dec 18, 2024	ALIGN AUTO	IT	SENSE:I		AC	50 Ω	RF	
Frequency	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P	g Type: RMS		Trig: Free Ru #Atten: 12 dB	HZ PNO: Fast ↔ Gain:Low		.01500	req 5	er Fr
Auto Tu	2.592 29 GHz -66.240 dBm	Mkr1					2.00 dB	Ref	/div
Center Fr							¥2		
5.015000000 G									
Start Fr									
30.000000 M						1			
Stop Fr	PEAK	14 Jan 14 Marshard - Jan marshala (1987)	upathanolatasata yo	اسببوها فيعطونهم والجميعا المراجيها	Antran Vine	aler and alertown	diament week	ndransist	alout the star
10.00000000 G									
CF St 15.000000 M	Stop 10.000 GHz 6.67 ms (1001 pts)	Sweep 16		3.0 MHz	#VBW		٩Hz		30 M BW 1
Auto <u>M</u>	FUNCTION VALUE	FUNCTION WIDTH	FUNCTION	Y -66.240 dBm	29 GHz	X 2 502			
Freq Offs				-2.807 dBm	93 GHz	1.714		f	N 1
0									
								\mp	
	,*							اکر ا	

LTE B4_15 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



RL	RF	50 Ω AC		SENSE:IN		ALIGN AUTO	01:42:35 AM Dec 18, 2024	Frequency
enter F	req 5.01	500000	0 GHz PNO: Fast ← IFGain:Low	Trig: Free Run #Atten: 12 dB		Type: RMS	TRACE 1 2 3 4 5 TYPE MWWWW DET P P P P P	
dB/div	Ref 2.0	0 dBm				Mkr	1 3.449 71 GHz -65.673 dBm	
99 00 3.0 3.0		↑2 						Center Fre 5.015000000 GH
2.0 2.0			1-					Start Fro 30.000000 Mi
3.0 3.0 3.0	nateral strang	an la start and	workner worked when	^{يامي} الى دىلى بىلى بىلى بىلىدۇرىيە ^{بىل} ىمىي	Lundhaman	gazðfræ _l ski særningind.	PEAk	Stop Fro 10.000000000 GF
art 30 M les BW	1.0 MHz	X		N 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 15.000000 MI Auto <u>M</u>
3 1 1 1 1 1 1 1 1 1 1	f f	<u>3</u> 1	449 71 GHz 724 90 GHz	-65.673 dBm 1.235 dBm				Freq Offs 01
				m				la l
1						STATUS		

LTE B4_15 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



Agilent Sp

RL		50 Ω AC		SENSE		ALIGN AUTO	01:44:55 AM Dec 18, 2024	Frequency
enter Fr	eq 5.01	500000	0 GHz PNO: Fast ↔ IFGain:Low	Trig: Free R #Atten: 12 c	lun	g Type: RMS	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET PPPPP	
dB/div	Ref 2.0	0 dBm				Mkr	1 3.679 02 GHz -66.370 dBm	Auto Tui
g 00		<u>^2</u>						Center Fr
.0								5.015000000 G
.0								Start Fr
.0			1					30.000000 M
	pripipines	to manufactor	and a full and the state of the	1 Margar Manada Maran	ant carto to a transmission	وإلجارها والماحية فيستبادك مسارعهم	PEAK	Stop Fr
.0								10.00000000 G
art 30 M	IHz 1.0 MHz		#VB	N 3.0 MHz		Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF St 15.000000 M
	C SCL	X		Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto <u>N</u>
	f	<u>3</u> . 1.	679 02 GHz 754 81 GHz	-66.370 dBn -0.544 dBn	n n			Freq Offs
								0
				III .			· · ·	
						STATUS		

LTE B4_15 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



Agilent Spec	RF	CONTRACTOR OF CONTRACTOR	AC		SENS	E:INT		ALIGN AUTO	01:47:27	M Dec 18, 2024	
enter Fi	req 5.0	15000	-	HZ PNO: Fast ↔ FGain:Low	Trig: Free #Atten: 12		#Avg Typ	e:RMS	TRAC TY D	CE 1 2 3 4 5 6 PE MWWWW ET P P P P P P	Frequency
dB/div	Ref 2.	.00 dB	m					Mkr	1 6.909 -65.3	30 GHz 10 dBm	Auto Tun
29 00 3.0		¥2									Center Fre 5.015000000 GH
3.0 3.0 3.0								1			Start Fro 30.000000 Mi
3.0 3.0	ana	ener lerveser	dyther Watting	ine workered and	an warden and	lavel normeth	ngoine anna an de	tout the set of the set	grobeliset reported	PEAN	Stop Fr 10.000000000 GI
art 30 M les BW	1.0 MH	z	X	#VBV	V 3.0 MHz Y	FUN		Sweep 1	6.67 ms (.000 GHz 1001 pts)	CF Ste 15.000000 M Auto <u>M</u>
N 1 2 N 1 3	f			30 GHz 93 GHz	-65.310 dB -1.498 dB	m m					Freq Offs 01
								STATU		•	

LTE B4_20 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



English and a second second	01:50:13 AM Dec 18, 2024	ALIGN AUTO		SENSE:			F 50 Ω	
Frequency	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P	g Type: RMS	un	Trig: Free Ru #Atten: 12 dl	CHZ PNO: Fast ↔ IFGain:Low	00000	5.01500	er Freq
Auto Tur	1 5.722 87 GHz -65.919 dBm	Mkr					ef 2.00 dl	/div R
Center Fre						2	^2	
5.015000000 GH								
Start Fre								
30.000000 MH	DE AL		1					
Stop Fr	PEAK	Marcon social also had a factor of the	and and a state of the state of	many and a second	- and the state of the second	www.cologydon	and and the	Wennerrypelaye
10.00000000 GF								
CF Ste 15.000000 MH Auto Ma	Stop 10.000 GHz 6.67 ms (1001 pts)	Sweep 16		3.0 MHz	#VBW			30 MHz BW 1.0
	FUNCTION VALUE	FUNCTION WIDTH	FUNCTIO	Y		х		ODE TRC SO
	PONCTION VALUE			-65.919 dBm	2 87 GHz			N 1 f
	PONCTION VALUE			-65.919 dBm 0.072 dBm	2 87 GHz 4 90 GHz			N 1 f N 1 f
	FUNCTION VALUE				2 87 GHz			N 1 f
	FORCHORVALUE				2 87 GHz 4 90 GHz			
Freq Offs	E				2 87 GHz 4 90 GHz			
Freq Offs 0 F	FONCTION VALUE				2 87 GHz			

LTE B4_20 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB

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Agilent Spectru	Second States and Second States	Swept SA 50 Ω AC	r - r	SENSE:	INT	ALIGN AUTO	01:52:32 AM Dec 18, 2024	
enter Fre			0 GHz PNO: Fast ↔ IFGain:Low		#Avg	g Type: RMS	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P	Frequency
) dB/div	Ref 2.00) dBm				Mkr	1 3.708 93 GHz -65.692 dBm	Auto Tur
		×2						Center Fro
i.0								5.015000000 G
.0								Start Fr 30.000000 M
3.0		-	Nonina and A		the standard and and	we want schooler as	PEAK	
.0	ring Blockmaker	- Harrison da	an alter county	and we consider a set of the set	an a	an and an		Stop Fr 10.00000000 G
art 30 MH	17						Stop 10.000 GHz	CF St
tes BW 1.	.0 MHz	-249		W 3.0 MHz			6.67 ms (1001 pts)	15.000000 M Auto <u>M</u>
N 1	f	× 3.	708 93 GHz 754 81 GHz	Y -65.692 dBm -1.149 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	
				-1.145 0011				Freq Offs
							EL.	
à						STATUS	1	

LTE B4_20 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



and the second sec	ctrum Analyzer - S	Contraction and the second second								- 6 🕺
RL		Ω AC		SENSE	INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
enter F	req 15.00	000000	PNO: Fast	Trig: Free R #Atten: 0 dE		#Avg typ	e. RMS	TYI		
0 dB/div	Ref -20.0	0 dBm						Mkr1 19 -73.9	.17 GHz 35 dBm	Auto Tune
30.0										Center Free 15.000000000 GH
40.0 50.0										Start Free 10.000000000 GH
60.0 70.0									1	Stop Free 20.000000000 GH
30.0 Murlun 30.0	handullihastuu fellivinen	n south the second	in the cargo of the offer	piphynykailynlynh	in hubblich	shojanshi	ithe free free free free free free free fr	AMURINA ANALANA	ing high party and h	CF Ste 15.000000 MH Auto <u>Ma</u>
100										Freq Offse 0 H
Start 10.0	000 GHz							Stop 20	.000 GHz	
	1.0 MHz		#VBW 3	B.0 MHz			Sweep	25.00 ms (1001 pts)	
SG							STAT	บร		

LTE B4_1.4M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



and the second sec	ctrum Analyzer - S	New York American Street and Street					- 6 - X
RL		Ω AC		SENSE:INT	ALIGN AUTO	01:11:46 AM Dec 18, 2024 TRACE 1 2 3 4 5	Frequency
enter F	req 15.00	000000	PNO: Fast	rig: Free Run Atten: 0 dB	#Avg Type: RMS		-
0 dB/div	Ref -20.0	0 dBm				Mkr1 19.43 GHz -73.917 dBm	Auto Tune
30.0							Center Free 15.000000000 GH
40.0 50.0							Start Free 10.000000000 GH
60.0 70.0						1	Stop Free 20.000000000 GH
0.0 10.0	ditanjederaateriteri	hardandel	heere approved with a shift the	personal second state of the second	ารเปล่าวอยายสมารรรมราวไปประกัญสารรรมราวไป	hall for the state of the state	CF Ste 15.000000 MH Auto <u>Ma</u>
100							Freq Offse 0 H
Start 10.0						Stop 20.000 GHz	
	1.0 MHz		#VBW 3.	0 MHz	Sweep	25.00 ms (1001 pts)	
SG					STAT	บร	

LTE B4_1.4M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



Contract of the second second second	ctrum Analyzer - S	wept SA								- 6 ×
RL Contor F	req 15.00			SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
	req 15.00	000000	PNO: Fast	Trig: Free #Atten: 0				TYP		
10 dB/div	Ref -20.0	0 dBm						Mkr1 19. -73.3	.21 GHz 53 dBm	Auto Tune
-30.0										Center Freq 15.000000000 GHz
-40.0										Start Freq 10.000000000 GHz
-60.0									1	Stop Freq 20.000000000 GHz
80.0 ******	hanhannahinapurt	partaneter	the later of the second second	Yaqqoraserned)	welger the second	alader der fals Merice	nwhyper	Hilly, which the state of the s	to the second second	CF Step 15.000000 MHz Auto <u>Man</u>
-100										Freq Offset 0 Hz
-110 Start 10.0	000 GHz							Stop 20	.000 GHz	
#Res BW			#VBW	3.0 MHz			Sweep	25.00 ms (1001 pts)	
ISG							STAT	US		

LTE B4_1.4M_Conducted Spurious(Above10 G)_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
Center Freq 15.00000000	0 GHz	SENSE:INT # ree Run	ALIGN AUTO	01:16:38 AM Dec 18, 2024 TRACE 1 2 3 4 5 TYPE MWWWWW	Frequency
10 dB/div Ref -20.00 dBm	IFGain:High #Atten:			Mkr1 18.85 GHz -73.757 dBm	Auto Tune
					Center Freq 15.000000000 GHz
50.0					Start Free 10.000000000 GHz
-60.0				1	Stop Freq 20.000000000 GHz
80.0 althout International Contraction of the Antipathout of the Antip	ntyeenegypthen _{at al} ge ⁿ hl ^{jie} enig with Longich geryd	ארייין איייאינייניייט איייטאייאיייט אייין אייין איייעריייטאייעריייטאיי	Notestation (good a constan	hi inthe later of the control of the	CF Step 15.000000 MH Auto <u>Mar</u>
-100					Freq Offse 0 H
Start 10.000 GHz				Stop 20.000 GHz	
#Res BW 1.0 MHz	#VBW 3.0 MH	Z	Sweep 2	25.00 ms (1001 pts s	

LTE B4_3 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



and the second sec	ctrum Analyzer - Swe	pt SA								- 6 ×
RL	RF 50 Ω req 15.0000		CH-	SEN	ISE:INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
Senter F	req 15.0000		PNO: Fast	Trig: Free #Atten: 0		m 19 1 19		TYF		
10 dB/div	Ref -20.00	dBm						Mkr1 16. -74.1	.54 GHz 06 dBm	Auto Tune
-30.0										Center Freq 15.000000000 GHz
40.0 50.0										Start Freq 10.000000000 GHz
-60.0						1-				Stop Freq 20.000000000 GHz
-80.0	inipielly, shaked while	y nave tendericka	interter to a for the start of	phaintentral	plahnopdan	aphabol and rimpul	ui.nndali	montappeda	PEAK William White	CF Step 15.000000 MHz Auto <u>Man</u>
-100										Freq Offset 0 Hz
-110 Start 10.0								Stop 20	.000 GHz	
	1.0 MHz		#VBW	3.0 MHz				25.00 ms (1001 pts)	
ISG							STAT	US		

LTE B4_3 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



and the second se	ctrum Analyzer - S	A COMPANY AND A COMPANY AND A COMPANY								- 6 🕺
RL		OΩ AC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
enter F	req 15.00	000000	PNO: Fast	Trig: Free		#C18 136	e. Rins	TY		
			IFGain:High	#Atten: 0 d	1B					Auto Tune
								Mkr1 18	.62 GHz	Auto Tune
I0 dB/div	Ref -20.0	00 dBm						-73.3	60 dBm	
.09										Center Free
30.0										15.00000000 GH
										15.00000000 GH
40.0										
										Start Free
50.0						4				10.00000000 GH
00.0										
60.0										
00.0										Stop Free
70.0								1		20.00000000 GH
/0.0									PEAK	
80.0		1 100 100		Same a cuttant	a lor white he	endlemonorthan	any way have	langer and readed in second	-calledra, lister	CF Step
up Augin	montheolyteledistri	and a start and the	mitting a guilton while and	and and						15.000000 MH
90.0										Auto <u>Mar</u>
50.0										
-100										Freq Offse
100										0 H
110										
-110										
start 10.0								Stop 20	.000 GHz	
Res BW	1.0 MHz		#VBW 3	3.0 MHz			Sweep	25.00 ms ((1001 pts)	
SG							STAT	บร		

LTE B4_3 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



	ctrum Analyzer - S									- 6 🕺
RL		Ω AC		SEN	SE:INT		ALIGN AUTO		MDec 18, 2024	Frequency
Center F	req 15.00	000000	PNO: Fast	Trig: Free #Atten: 0 d		#Avg Typ	e: RMS	TYI	1 2 3 4 5 6 PE M M M M M T P	
I0 dB/div	Ref -20.0	0 dBm						Mkr1 18 -73.9	.65 GHz 50 dBm	Auto Tune
30.0										Center Fred 15.000000000 GH
40.0 50.0										Start Free 10.000000000 GH
60.0 70.0								1.	DE AL	Stop Free 20.000000000 GH
30.0 Junyukh 30.0	phisestation for get	net give and the	winter, orgitant to main which	waahafahalia	Lorashi Asa	opullerhilderdend	Uq _h uestanijan	alen whey about	PEAK	CF Ste 15.000000 MH Auto <u>Ma</u>
100										Freq Offse 0 H
Start 10.0	000 GHz							Stop 20	.000 GHz	
	1.0 MHz		#VBW 3	.0 MHz			Sweep	25.00 ms (1001 pts)	
ISG							STAT	บร		

LTE B4_5 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



Agilent Spe	ctrum Analyzer - Swept SA							
Center F	RF 50 Ω AC req 15.00000000		SENSE:INT	#Avg Type:	IGN AUTO	TRAC	Dec 18, 2024	Frequency
10 dB/div	Ref -20.00 dBm		Free Run n: 0 dB			Mkr1 19.	45 GHz 88 dBm	Auto Tune
-30.0								Center Freq 15.00000000 GHz
-40.0								Start Freq 10.00000000 GHz
-60.0								Stop Freq 20.000000000 GHz
-80.0	hder under scherken bei der scherken bei bei der scherken bei	etereles _{tere} torieste de Maladoreneros	of a low and a second	NALWELLAND MALLON	without	nl _{ant} alysiqatik.affilia	weeningen	CF Step 15.000000 MHz Auto <u>Man</u>
-100								Freq Offset 0 Hz
-110 Start 10.0	000 GHz					Stop <u>20</u> .	000 GHz	
#Res BW		#VBW 3.0 N	IHz	\$		25.00 ms (1001 pts)	
MSG					STATU	s		

LTE B4_5 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



and the second sec	ctrum Analyzer - S	CONTRACTOR AND A REAL AND A								- 6 ×
RL		Ω AC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
Senter F	req 15.00	000000	PNO: Fast	Trig: Free #Atten: 0		#Avg Typ	e. RIVIS	TY		
10 dB/div	Ref -20.0	0 dBm						Mkr1 18 -73.8	.88 GHz 24 dBm	Auto Tune
30.0										Center Fred 15.000000000 GH;
40.0 50.0										Start Fred 10.000000000 GH
60.0 70.0									1	Stop Fred 20.000000000 GH:
80.0 <mark>with**wi</mark>	wilder te van de	interpretadored	instructure and the second	الإنهيليونيهي	ry na pantalogo do do	pounterralated and	Wattonawa	e-Alatenskibelineli	nerin Neringerahusik	CF Step 15.000000 MH: Auto <u>Mar</u>
•100										Freq Offse 0 H
Start 10.0								Stop 20	.000 GHz	
FRES BW	1.0 MHz		#VBW	3.0 MHz			Sweep	25.00 ms (1001 pts)	
50							STAIL	15		

LTE B4_5 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



XI RL	rum Analyzer - Swe RF 50 Ω	the second second second second	1	SENSE	INT		ALIGN AUTO	01:32:16 4	MDec 18, 2024	
enter Fr	eq 15.000	000000	PNO: Fast	Trig: Free R #Atten: 0 dl		#Avg Typ	e: RMS	TY	E 1 2 3 4 5 6 PE MWWWWW ET P P P P P P	Frequency
0 dB/div	Ref -20.00	dBm						Mkr1 18 -72.6	.61 GHz 07 dBm	Auto Tun
30.0										Center Fre 15.000000000 GH
10:0 50.0										Start Fre 10.000000000 GH
50.0 70.0								1		Stop Fre 20.000000000 G⊦
0.0 Waliowydw 0.0	nyy-separtation.	ntriscier	otom, and the state	e an fail of a fail of	pharliph of the	ndy-tiralantana	Uphykatt	ministeration	PEAN WWW WWWWWWW	CF Ste 15.000000 MH Auto <u>Ma</u>
100										Freq Offs 0 F
tart 10.00								Stop 20	.000 GHz	
Res BW 1	.u wifiz		#VBW 3	.0 WHZ			Sweep	25.00 ms	1001 pts)	

LTE B4_10 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



	ectrum Analyzer - S	Design and the second second second								- 6 ×
RL	RF 50 Freq 15.00	0 Ω AC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 18, 2024	Frequency
enterr	-Teq 15.00	000000	PNO: Fast	Trig: Free				TY		-
			IFGain:High	#Atten: 0	dB					Auto Tune
								Mkr1 19	.75 GHz	Autorune
0 dB/div	Ref -20.0	00 dBm						-73.9	13 dBm	
										Center Free
30.0										15.00000000 GH
										13.0000000 GH
40.0										
										Start Free
50.0										10.00000000 GH
60.0										
										Stop Free
70.0									1	20.00000000 GH
									A AK	
80.0		a control at the	annergeneer, tijdhav Miles	the readlests	ta Natural states	White the second of the second of the second se	and an an and a second second	WAR Calance and	A.A Ada Hist.	CF Step
Lindaria	Applied and Applied Applied	A-tilation west	And a second second							15.000000 MH Auto Ma
90.0										
-100										Freq Offse
										0 Н
110										
								0400	000 011	
	000 GHz / 1.0 MHz		#VBW 3				Sween	Stop 20 25.00 ms (.000 GHz	
	1.0 141112		WADAA (roo r pts)	
SG							STAT	US		

LTE B4_10 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



Agilent Spectrum Analyzer - Swept	SA				- 6 ×
x RL RF 50Ω Center Freq 15.00000		SENSE:INT	#Avg Type: RMS	01:37:24 AM Dec 18, 202 TRACE 1 2 3 4 5 TYPE M	Frequency
10 dB/div Ref -20.00 dl	PNO: Fast IFGain:High	#Atten: 0 dB		Mkr1 18.53 GHz -73.226 dBm	Auto Tune
-30.0					Center Freq 15.000000000 GHz
-40.0					Start Freq 10.000000000 GHz
-60.0				1	Stop Freq 20.000000000 GHz
80.0 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	terrerbettyttrapetropfyrdtetetta	Manghatikappa.htMatel	and an addition of the distant of the second state of the second s	ner alan han hironaran pea	CF Step 15.000000 MHz Auto <u>Mar</u>
-100					Freq Offset 0 Hz
Start 10.000 GHz				Stop 20.000 GHz	
#Res BW 1.0 MHz	#VBW :	5.U WIHZ	Sweep	25.00 ms (1001 pts	

LTE B4_10 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



Center Freq	ef -20.00 dBm	PNO: Fast +++ IFGain:High	SENSE:INT Trig: Free Run Atten: 0 dB	ALIGN AUTO #Avg Type: RMS	01:39:59 AMDec 18, 2024 TRACE 2 3 4 5 TYPE M DET P P P P P P Mkr1 18.97 GHz -73.151 dBm	Frequency Auto Tune
10 dB/div R (PNO: Fast +++ IFGain:High			TYPE MWWW DET PPPPPP Mkr1 18.97 GHz	
0 dB/div R	ef -20.00 dBm				Mkr1 18.97 GHz -73.151 dBm	Auto Tune
30.0						Center Free 15.000000000 GH
50.0						Start Fre 10.000000000 GH
60.0 70.0					1	Stop Fre 20.000000000 GH
30.0 Marthathai	ir izdan prachovanski sagi	hold of a state of the second s	aport and and a second day in the	ble lighter to de an generalistica p	and the and the second s	CF Ste 15.000000 MH Auto <u>Ma</u>
100						FreqOffse 0 ⊢
Start 10.000			0 MU-		Stop 20.000 GHz	
Res BW 1.0	WIEIZ	#VBW 3	UWHZ	Sweep	25.00 ms (1001 pts)	

LTE B4_15 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



and the second se	ctrum Analyzer - Swep	t SA								- 6 ×
RL Contor F	RF 50 Ω Freq 15.0000		47	SEN	ISE:INT	#Avg Typ	ALIGN AUTO e: RMS		M Dec 18, 2024	Frequency
center r	164 15.0000	PN	O: Fast +++ ain:High	Trig: Free #Atten: 0				TYI Di		
10 dB/div	Ref -20.00 (dBm						Mkr1 18 -73.5	.74 GHz 72 dBm	Auto Tune
-30.0										Center Freq 15.000000000 GHz
40.0 50.0										Start Freq 10.000000000 GHz
-60.0								1		Stop Freq 20.000000000 GHz
80.0	Vorablasikotyikai	protection and a	tologizzation of the Particle State	irmsgippilleride	MANNA	yntondu tirk podes	Tairinger Hole	White and a strong and	PEAK YukamupUnyuuunt	CF Step 15.000000 MHz Auto <u>Man</u>
-100										Freq Offset 0 Hz
-110 Start 10.0	000 GHz							Stop 20	.000 GHz	
	1.0 MHz		#VBW :	3.0 MHz				25.00 ms (1001 pts)	
ISG							STAT	US		

LTE B4_15 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



							and a second second second	rum Analyzer - Swe	THE R. LEWIS CO., LANSING, MICH.
Frequency	01:45:06 AM Dec 18, 2024 TRACE 1 2 3 4 5 6	ALIGN AUTO	#Avg Typ	ISE:INT	SEN			RF 50 Ω	RL
			#C18 13F		Trig: Free #Atten: 0	PNO: Fast	5	eq 15.000	enter F
Auto Tune	kr1 19.87 GHz -74.138 dBm	М				ir Gain. Ingir			
	-74.156 UBIII						dBm	Ref -20.00	dB/div
Center Free									
15.00000000 GH						_			0.0
									0.0
Start Free									
10.00000000 GH									0.0
Stop Fre									0.0
20.00000000 GH									
	PE								0.0
CF Ste	whentertrady mathematic	how an appropriate and a	motoryouthing	Jan Hey WHY	1.14.4	evertanten.c/apotal/Mah			a 24.
15.000000 MH					L'apple and a character	energy and a state of the state	of the state line	manus hawards	0.0
Auto <u>Ma</u>									
									0.0
Freq Offse									
0 H									
									10
	Stop 20.000 GHz				0.0.0411-				tart 10.0
	.00 ms (1001 pts)				3.0 MHz	#VBW		I.U IVIHZ	Res BW
		STATUS							G

LTE B4_15 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



	ctrum Analyzer - Sv	Contraction and the second second								
XI RL	RF 50			SEN	ISE:INT		ALIGN AUTO		MDec 18, 2024	Frequency
Center F	req 15.000	000000	O GHZ PNO: Fast ↔ IFGain:High	Trig: Free #Atten: 0		#Avg Typ	e: RMS	TYP	E 1 2 3 4 5 6 MWWWW T P P P P P P	
0 dB/div	Ref -20.0	0 dBm						Mkr1 19 -73.7	.24 GHz 75 dBm	Auto Tune
30.0										Center Fred 15.000000000 GH:
40.0 50.0										Start Free 10.000000000 GH
60.0 70.0									1	Stop Free 20.000000000 GH
30.0 	hvilyproperations	Hannatarph	nantoucapture	pante pourses	ad model alteria	whenther	Here and the second	ndloninterde	Wilywither	CF Stej 15.000000 MH Auto <u>Ma</u>
100										Freq Offse 0 H
-110 Start 10.0								Stop 20	.000 GHz	
Res BW	1.0 MHz		#VBW :	3.0 MHz				25.00 ms (1001 pts)	
ISG							STAT	US		

LTE B4_20 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



Agilent Spectrum An	second definition of the second second second					
RE RE Center Freq 1	50 Ω AC	0 GHz	SENSE:INT	#Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
		PNO: Fast	Trig: Free Run #Atten: 0 dB		DET PPPPP	
0 dB/div Ref	-20.00 dBm				Mkr1 18.95 GHz -73.361 dBm	Auto Tune
30.0						Center Free 15.000000000 GH
40.0						
50.0						Start Free 10.000000000 GH
0.0						Stop Fre
0.0			a de a	i na a anterna a construir a constru	PEAK	20.000000000 GH
	adapticanteritari	echden nime a constantiol for the	garan day and an all my series	hillow with more decision of a	All March 2011 Constraint and a	CF Stej 15.000000 MH Auto <u>Ma</u>
0.0						Freq Offse
100						он
110						
tart 10.000 GI Res BW 1.0 N		#VBW 3	.0 MHz	Sweep	Stop 20.000 GHz 25.00 ms (1001 pts)	
SG				STAT		

LTE B4_20 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



A CONTRACTOR OF A CONTRACTOR O	ctrum Analyzer -	Swept SA								- fi 🔀
RL		50 Ω AC		SEN	SE:INT		ALIGN AUTO		M Dec 18, 2024	Frequency
Senter F	req 15.00	0000000	PNO: Fast	Trig: Free	Run	#Avg Typ	e: RWS	TY		
			IFGain:High	#Atten: 0	dB					A
								Mkr1 18	.72 GHz	Auto Tune
10 dB/div	Ref -20.	00 dBm						-73.8	96 dBm	
- ^{og}										_
~~ ~										Center Freq
-30.0										15.00000000 GHz
Const.										
40.0										Start Freq
										10.000000000 GHz
-50.0										10.000000000000
-60.0										Stop Freq
										20.00000000 GHz
-70.0								→ ¹	DEAL	
					Linkst such	un all a state of the state of	a den stiller	andersonthing	herberty will show	CF Step
80.0 Hutr	Inner Meri walk	the contraction	ingtions of the state of the st	and the states	Walkers of Loss		W			15.000000 MHz
	and bi the first									Auto Man
90.0										
										Freq Offset
-100										0 Hz
										0 H2
-110										
Start 10.0 #Res BW			#)/B)M	3.0 MHz			Swoon	20 Stop 25.00 ms	.000 GHz	
			#VDVV	5.0 WIHZ					Too P pts)	
ISG							STATI	JS		

LTE B4_20 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				
M RL RF 50 Ω AC Center Freq 1.710000000	GHz PNO: Wide Trig: Free Ru	#Avg Type: RM		Frequency
Ref Offset 26.88 dB	IFGain:Low #Atten: 12 dE	3	lkr1 1.710 000 GHz -25.047 dBm	
- og 16.9		,~~,		Center Freq 1.710000000 GHz
3.12				Start Fred 1.708000000 GHz
23,1	} ↓ ↓		-13.00 dBm	Stop Freq 1.712000000 GHz
43.1	and a second	handbarra	print	CF Step 15.000000 MHz Auto <u>Man</u>
-53.1	- Carlos and Carl		RMS	Freq Offset 0 Hz
-63.1 Center 1.710000 GHz			Span 4.000 MHz	
#Res BW 15 kHz	#VBW 47 kHz		eep 2.000 s (1001 pts)	

LTE B4_1.4M_Band Edge_Low_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					- 6 ×
Center Freq 1.710000000	PNO: Wide	SENSE:INT	#Avg Type: RMS	01:07:21 AM Dec 18, 2024 TRACE 1 2 3 4 5 TYPE A WWWW DET A A A A A A	Frequency
Ref Offset 26.88 dB 0 dB/div Ref 26.88 dBm	IFGain:Low	#Atten: 12 dB	Mkr1	1.709 996 GHz -27.257 dBm	Auto Tune
16.9					Center Fred 1.710000000 GH:
3.12			and free and a stand of the sta	67	Start Free 1.708000000 GH
13.1		1		-13.00 dBr	Stop Free 1.712000000 GH
13.1	proventerent			RM	CF Ste 15.000000 MH Auto <u>Ma</u>
3.1 3.1 bowerships and a marked and the second					Freq Offse 0 H
63.1 Center 1.710000 GHz				Span 4.000 MHz	
Res BW 15 kHz	#VBW 4	7 kHz	#Sweep	2.000 s (1001 pts	

LTE B4_1.4M_Band Edge_Low_QPSK_FullRB





LTE B4_1.4M_Extended Band Edge_Low_QPSK_FullRB





Agilent Spectrum A	Characteristic and the second s						15-10-00 (March 10)		- 6 🕺
Center Freq	50 Ω AC 1.755000000	GHz PNO: Wide	Trig: Free		#Avg Typ	ALIGN AUTO	TRAC	M Dec 18, 2024 E 1 2 3 4 5 6 E A WWWWW T A A A A A A	Frequency
	f Offset 26.88 dB f 26.88 dBm	IFGain:Low	#Atten: 1	2 dB		Mkr1	1.755 0	00 GHz 59 dBm	Auto Tune
16.9			m						Center Free 1.755000000 GH
3.12									Start Fre 1.753000000 GH
23.1				1				-13.00 dBm	Stop Fre 1.757000000 GH
33.1	-10-10	America		and have					CF Ste 15.000000 MH Auto <u>Ma</u>
13.1 13.1 4410-1414-1414					havent	win manaun	mon	RMS	Freq Offse 0 H
53.1 Center 1.7550	000 GHz						Span 4	.000 MHz	
Res BW 15 k		#VBW	47 kHz				2.000 s (1001 pts)	
SG						STATUS	5		

LTE B4_1.4M_Band Edge_High_QPSK_1RB



	ectrum Analyzer - Swept SA			45				
Center F	RF 50 Ω AC Freq 1.755000000	GHz	NSE:INT	#Avg Typ	ALIGN AUTO	01:13:03 AM TRACE	123456	Frequency
0 dB/div	Ref Offset 26.88 dB Ref 26.88 dBm	IFGain:Low #Atten:			Mkr1	1.755 00	0 GHz 3 dBm	Auto Tune
16.9								Center Free 1.755000000 GH
5.88 3.12								Start Fre 1.753000000 GH
13.1			↓1				-13.00 dBm	Stop Fre 1.757000000 GH
13.1 <mark>aan</mark> w	en and a second		hamme	an and a state of the second	- margaret		RMS	CF Ste 15.000000 MH Auto <u>Ma</u>
53.1						nt hear for the reality	helder den de verdet en se	Freq Offse 0 H
	.755000 GHz					Span 4.0	000 MHz	
	/ 15 kHz	#VBW 47 kHz				2.000 s (1	001 pts)	
SG					STATU	s		

LTE B4_1.4M_Band Edge_High_QPSK_FullRB





LTE B4_1.4M_Extended Band Edge_High_QPSK_FullRB





🦉 Agilent Spectrum Analyzer - Sv					- 6 - X
Center Freq 1.7100		SENSE:INT	#Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 2	PNO: Wide IFGain:Low	Trig: Free Run #Atten: 12 dB	Mkr	1 1.710 000 GHz -19.540 dBm	
10 dB/div Ref 26.88					Center Freq 1.710000000 GHz
-3.12					Start Freq 1.708000000 GHz
-13.1		1		-13.00 dBm	Stop Freq 1.712000000 GHz
-33.1			her here here here	BMS	CF Step 15.000000 MHz Auto <u>Man</u>
-53.1 provingent and the state of the state				Juneary for annound	Freq Offset 0 Hz
-63.1 Center 1.710000 GH/ #Res BW 30 kHz		91 kHz	#\$\wool	Span 4.000 MHz 2.000 s (1001 pts)	
MSG	#0.000	9 F NH2	STAT		

LTE B4_3 M_Band Edge_Low_QPSK_1RB

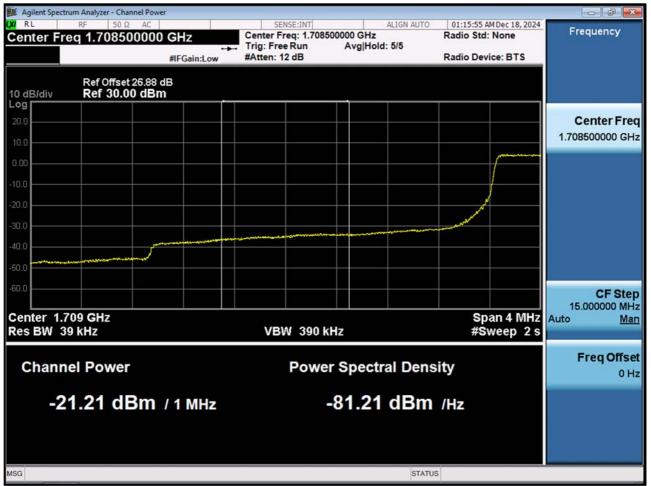




Agilent Spectrum Analyzer - Swept SA				- 6 🔀
X RL RF 50 Ω AC Center Freq 1.710000000	PNO: Wide - Irig: Free F	#Avg Type: RMS Run		Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #Atten: 12 d	17.	kr1 1.710 000 GHz -24.165 dBm	Auto Tune
16.9				Center Fred 1.710000000 GHz
3.12			RMS	Start Fred 1.708000000 GHz
23,1		1	-13.00 dBm	Stop Free 1.712000000 GH:
33.1 				CF Step 15.000000 MH Auto <u>Mar</u>
33.1				Freq Offse 0 H
63.1			Span 4.000 MHz	
#Res BW 30 kHz	#VBW 91 kHz		eep 2.000 s (1001 pts)	

LTE B4_3 M_Band Edge_Low_QPSK_FullRB





LTE B4_3 M_Extended Band Edge_Low_QPSK_FullRB





Agilent Spectrum Analyzer - Swept SA				- 6 ×
RL RF 50 Ω AC Center Freq 1.755000000	GHz	#Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 26.88 dB 0 dB/div Ref 26.88 dBm	PNO: Wide Trig: Free F IFGain:Low #Atten: 12	dB	r1 1.755 000 GHz -18.202 dBm	Auto Tune
				Center Fre 1.755000000 GH
3,12				Start Fre 1.753000000 GH
23.1		1	-13.00 dBm	Stop Fre 1.757000000 GH
13.1	Meret and a second	han har and ha		CF Ste 15.000000 MH Auto <u>Ma</u>
3.1 3.1		Nertowither	RMS	Freq Offse 0 ⊢
Eenter 1.755000 GHz Res BW 30 kHz	#VBW 91 kHz	#Swe	Span 4.000 MHz ep 2.000 s (1001 pts)	
SG			ATUS	

LTE B4_3 M_Band Edge_High_QPSK_1RB

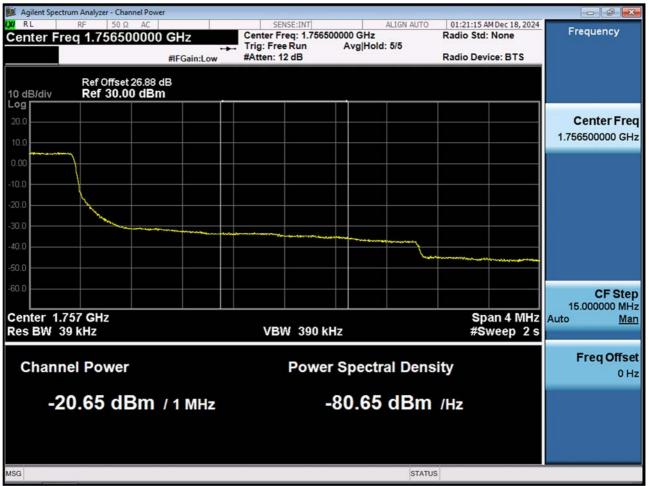




							rum Analyzer - Swept SA	
Frequency	1:56 AM Dec 18, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A		ALIGN AUTO	1	SEN	GHz PNO: Wide ↔	eq 1.755000000	Center F
Auto Tune	5 004 GHz 3.478 dBm	1.75	Mkr1		#Atten: 12	IFGain:Low	Ref Offset 26.88 dB Ref 26.88 dBm	0 dB/div
Center Fred 1.755000000 GH								16.9
Start Fre 1.753000000 GH						arden generation and a second and	negile per uniter (uniter finite a pur de la constant)	.12
Stop Fre 1.757000000 GH	-13.00 dBm							3.1 13.1
CF Ste 15.000000 MH Auto <u>Ma</u>	RMS		and the second	No and the second				3.1
Freq Offs 0 ⊦								3.1
	n 4.000 MHz s (1001 pts)	Spai	#Sween		1 kHz	#VBW 9	55000 GHz	enter 1. Res BW
	s (noor prs)		STATUS		1 1112	<i></i>	50 1112	SG

LTE B4_3 M_Band Edge_High_QPSK_FullRB





LTE B4_3 M_Extended Band Edge_High_QPSK_FullRB





Agilent Spectrum Analyzer - Swept SA					
RL RF 50 Ω AC Center Freq 1.710000000	GHz PNO: Wide ↔ Trig: Free	#Avg Typ Run	ALIGN AUTO	01:24:09 AM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #Atten: 12	2 dB	Mkr1	1.710 000 GHz -22.927 dBm	Auto Tune
16.9					Center Freq 1.710000000 GHz
3.12					Start Fred 1.708000000 GH:
23.1				-13.00 dBm	Stop Fred 1.712000000 GHz
43.1				RMS	CF Step 15.000000 MH: Auto <u>Mar</u>
53.1	w				Freq Offse 0 H
-63.1 Center 1.710000 GHz #Res BW 51 kHz	#VBW 160 kHz		#Sweep	Span 4.000 MHz 2.000 s (1001 pts)	
	#VBVV 100 KHZ		status	2.000 S (1001 pts)	

LTE B4_5 M_Band Edge_Low_QPSK_1RB





- 6 ×					ectrum Analyzer - Swept SA	and the second se
Frequency	01:23:31 AM Dec 18, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW	#Avg Type: RMS	SENSE:INT	GHz Tria: F	RF 50 Ω AC Freq 1.710000000	x _{RL} Center I
	.710 000 GHz -24.202 dBm	Mkr1	en: 12 dB		Ref Offset 26.88 dB Ref 26.88 dB m	10 dB/div
Center Free 1.710000000 GH						16.9
Start Fre 1.708000000 GH	RMS					6.88 3.12
Stop Fre 1.712000000 GH	-13.00 dBm		1 me			13.1 23.1 ——
CF Ste 15.000000 MH Auto <u>Ma</u>			Alex44		alfanya ay ana tana ana ana ana ana ana ana ana an	33.1 ******
Freq Offse 0 ⊢						53.1
	Span 4.000 MHz 2.000 s (1001 pts)	#Sween	kH7	#VBW 160 ki	.710000 GHz 51 kHz	
		STATUS	NH2			SG

LTE B4_5 M_Band Edge_Low_QPSK_FullRB





LTE B4_5 M_Extended Band Edge_Low_QPSK_FullRB





									rum Analyzer - Swe	
Frequency	222 AM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE A WWWW DET A A A A A A A	TR	ALIGN AUTO	#Avg Ty			Hz NO: Wide ↔	00000 G	eq 1.75500	enter Fr
Auto Tune	5 000 GHz 1.068 dBm	1.755	Mkr1			#Atten: 1	Gain:Low	1 .88 dB	Ref Offset 26 Ref 26.88 (dB/div
Center Fred 1.755000000 GH:										6.9
Start Free 1.753000000 GH										.88
Stop Fre 1.757000000 GH	-13.00 dBm				1					3.1
CF Step 15.000000 MH Auto <u>Ma</u>	RMS			-	hand					3.1
Freq Offse 0 H										3.1
	n 4.000 MHz) s (1001 pts)	Span	#Sween			160 kHz	#VBW		55000 GHz	enter 1.7 Res BW
			STATUS			TOO KITZ				G

LTE B4_5 M_Band Edge_High_QPSK_1RB





Agilent Spectrum Analyzer - Swept SA					- 6 🕺
RL RF 50 Ω AC Center Freq 1.755000000	GHz		#Avg Type: RMS	01:28:43 AM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE A MARAAAAA	Frequency
Ref Offset 26.88 dB 0 dB/div Ref 26.88 dBm	PNO: Wide Trig: Fre IFGain:Low #Atten: 1		Mkr	DET A A A A A A 1 1.755 000 GHz -23.509 dBm	Auto Tun
					Center Fre 1.755000000 GH
.12					Start Fre 1.753000000 G⊦
3.1		1		-13.00 dBm	Stop Fre 1.757000000 GF
3.1		and the second second	and the spectrum and the	RMS	CF Ste 15.000000 M⊦ Auto <u>Ma</u>
3.1					Freq Offs 0 H
enter 1.755000 GHz Res BW 51 kHz	#VBW 160 kHz		#Suuccer	Span 4.000 MHz 2.000 s (1001 pts)	
	WOW TOO KHZ		STATU		

LTE B4_5 M_Band Edge_High_QPSK_FullRB