

RL RF			SENSE:INT	ALIGN AUTO	02:45:14 PM Dec 17, 2024	Farmers
enter Freq	5.015000000	PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 5 TYPE M DET P P P P P P	Frequency
dB/div Re	f 0.00 dBm			Mkr	1 3.160 58 GHz -66.970 dBm	Auto Tur
g 1.0 1.0	<u></u>					Center Fre 5.015000000 GR
1.0 1.0 1.0 1.0		1				Start Fr 30.000000 M
1.0 1.0 1.0	ang	wymerteller ar an	an a	ad managed and have the second	PEAK S ^a nnen, regyn werd yn befrydd f beblydd	Stop Fre 10.000000000 GI
art 30 MHz es BW 1.0		#VBV	V 3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 997.000000 M <u>Auto</u> M
N 1 f N 1 f	3.1	160 58 GHz 714 93 GHz	-66.970 dBm 1.425 dBm	POINT POINT NUMBER		Freq Offs
					*	

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



Agilent Spectrum Analyzer - Swept SA					- 6 -
RL RF 50 Ω AC enter Freq 5.01500000	00 GHz	SENSE:INT	#Avg Type: RMS	02:48:18 PM Dec 17, 2024 TRACE 1 2 3 4 5 6 TYPE M	Frequency
) dB/div Ref 0.00 dBm		#Atten: 10 dB	Mkr	оет РРРРРР 1 3.459 68 GHz -67.131 dBm	Auto Tun
					Center Fre 5.015000000 GH
	1				Start Fre 30.000000 M⊦
0.0 	an mart at a far a fa	المرد مايندي (المعنور ، المعنور ، أو تعرير مايند المرد مايندي (المعنور ، المعنور) (المعنور ، الم	internet and a second	PEAN New Joseph Langer Standy and Standy	Stop Fre 10.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW 3	.0 MHz		Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 997.000000 Mi Auto Ma
1 N 1 f 3 2 N 1 f 7 3 - - - - 4 - - - - 5 - - - - 6 - - - - 7 - - - - 8 - - - - 9 - - - -	3.459 68 GHz -	67.131 dBm -0.187 dBm		E	Freq Offs 0 F
0 1 G		m	STATUS		

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



Agilent Sp

	50 Ω AC		SENSE:		ALIGN AUTO	02:50:38 PM Dec 17, 2024	Frequency
enter Freq 5.01	5000000	GHz PNO: Fast ↔ IFGain:Low	Trig: Free Ru #Atten: 10 dB	in	g Type: RMS	TRACE 2 3 4 5 6 TYPE MWWWW DET P P P P P P	
dB/div Ref 0.00),dBm				Mkr	1 3.698 96 GHz -67.541 dBm	Auto Tur
99	↑2 						Center Fr 5.015000000 G
1.0 1.0 1.0		1					Start Fr 30.000000 M
0.0 yhyphisikeityksillariensii 0.0	, Looke as a metal and	week manual the	r W _{han} mhagathaya Nabiyati	parties and of the state of the	handellen ventronnagten	PEAK Alayofanlishwalar	Stop Fr 10.000000000 G
art 30 MHz tes BW 1.0 MHz	×	#VBV	V 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 997.000000 M <u>Auto</u> M
N 1 f 2 N 1 f 3	3.69 1.75	8 96 GHz 4 81 GHz	-67.541 dBm 1.303 dBm				Freq Offs 0
			m		STATUS	· · · · ·	

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



Agilent Sp

RL	RF	50 Ω AC		SENSE:I		ALIGN AUTO	02:53:30 PM Dec 17, 2024	Frequency
enter Fr	eq 5.01	500000	0 GHz PNO: Fast ↔ IFGain:Low	Trig: Free Ru #Atten: 10 dB	n	g Type: RMS	TRACE 2 3 4 5 6 TYPE MWWWW DET P P P P P P	
dB/div	Ref 0.0	0 dBm				Mkr	1 3.419 80 GHz -66.718 dBm	Auto Tur
).0		2						Center Fre
).0).0								5.015000000 G
.0								Start Fr
.0								30.000000 M
.0 1.0000000000000000000000000000000000	enstrianstalters	to an and the second	marchine	19 M. S. Sand Stranger Stranger	and a state of the second second	and the stand of the second of	PEAN เหารณ์เกาะและสำนุณหลายกับหลา	Stop Fr
.0								10.000000000 G
art 30 M es BW	IHz 1.0 MHz		#VB	№ 3.0 MHz		Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF St 997.000000 M
		×	.419 80 GHz	Y -66.718 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> M
N 1	f	1	.714 93 GHz	0.353 dBm				Freq Offs
							E	0
				ш.				
1						STATUS		

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



	OΩ AC		SENS		ALIGN AUTO	02:56:25 PM Dec 17, 2024	Frequency
enter Freq 5.015	F	NO: Fast ↔ Gain:Low	Trig: Free F #Atten: 10	Run	/g Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P	
dB/div Ref 0.00	dBm				Mkr	1 3.459 68 GHz -64.024 dBm	Auto Tur
0.0 0.0 0.0	<u>^</u> 2						Center Fre 5.015000000 GH
D.0 D.0 D.0		1					Start Fre 30.000000 Mi
0.0 ///////////////////////	have a series of the series of	un versioner and	Niroduly-Sugaha	an a	x844,x344qcdater,x3aarperger,	PEAK Andrewski - Harson - South	Stop Fro 10.000000000 GI
art 30 MHz Res BW 1.0 MHz	x	#VBW	/ 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Ste 997.000000 Mi <u>Auto</u> M
1 N 1 f 2 N 1 f 3	3.459 (1.734 (58 GHz 37 GHz	-64.024 dBr 1.733 dBr	n n		E	Freq Offs 01
6 7 8 9 9 0 1							
3			m		STATUS	•	

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



RL RF	50 Ω AC		SENSE:INT		02:58:44 PM Dec 17, 2024	English
enter Freq 5.0	015000000	GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P	Frequency
dB/div Ref 0	0.00 _, dBm			Mk	r1 3.509 53 GHz -64.176 dBm	Auto Tur
.0 .0 .0	↑2 					Center Fre 5.015000000 GH
o o o		1				Start Fro 30.000000 M
.0 0.0 .0	angent West States and a states	montandif	eren yezhou diriveren eren eren eren eren eren eren eren	pentrentannopenna atholopenna agus	PEAK bythather yn finitef af her an f	Stop Fr 10.000000000 G
art 30 MHz es BW 1.0 MH	Hz ×	#VBV	V 3.0 MHz	Sweep	Stop 10.000 GHz 16.67 ms (1001 pts)	CF Sto 997.000000 M <u>Auto</u> M
N 1 f N 1 f	3.5	09 53 GHz 54 81 GHz	-64.176 dBm 1.867 dBm		E	Freq Offs 0
			m	STATU		

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



	F 50 Ω AC		SENSE:INT	ALIGN AUTO	03:01:37 PM Dec 17, 2024	Frequency
enter Freq	5.015000000	CHZ PNO: Fast ↔ IFGain:Low	. Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 0 TYPE M DET P P P P P P	
dB/div Re	f 0.00 dBm			Mkr	1 3.419 80 GHz -66.943 dBm	Auto Tur
	<u>2</u>					Center Fre 5.015000000 GH
0.0 0.0 0.0		1			РЕАК	Start Fre 30.000000 Mi
0.0 .0 0.0	and a second and a s	drewborn of the second s	hand and a series and a series of the series	nalinetiin marintilaan askaan aska		Stop Fre 10.000000000 G
					Stop 10.000 GHz	CF Ste
Res BW 1.0	L X			Sweep 1	6.67 ms (1001 pts)	997.000000 M
tart 30 MHz Res BW 1.0 I R MODE TRC SCL 1 N 1 f 2 N 1 f 3 4 5 6	L X 3.4	#VBW 19 80 GHz 14 93 GHz	247.44 C 1 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2		6.67 ms (1001 pts)	997.000000 Mi <u>Auto</u> M Freq Offs
Res BW 1.0 R MODE TRC SCL N 1 f N 1 f	L X 3.4	19 80 GHz	Y FU -66.943 dBm		6.67 ms (1001 pts)	997.000000 M

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



RL RF	50 Ω AC		SENSE:INT	ALIGN AUTO	03:04:27 PM Dec 17, 2024	Francisco
enter Freq 5.0	015000000	CHZ PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE MWWWW DET PPPPP	Frequency
dB/div Ref (0.00 dBm			Mk	r1 3.459 68 GHz -66.943 dBm	Auto Tun
0.0 0.0 0.0	<u>^2</u>					Center Fre 5.015000000 GF
0.0		1				Start Fre 30.000000 MH
0.0 0.0 0.0	all and a second se	hatopathyter of the second	9 ************************************	⁴ สรายาชาวิทรีได้รู้รู้ได้มา _{หรือส} ราย _{เป็} กระก _{ับส} ารไฟไม _้ สราย 	PEAK Versionen nituetatio	Stop Fro 10.000000000 GI
art 30 MHz Res BW 1.0 MH	Hz	#VBV	V 3.0 MHz		Stop 10.000 GHz 16.67 ms (1001 pts)	CF Ste 997.000000 Mi <u>Auto</u> M
N 1 f 2 N 1 f 3	<u>3.4</u> 1.7	59 68 GHz 24 90 GHz	-66.943 dBm 1.432 dBm		E	Freq Offs 01
7 8 9 0 1						
			m			

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

2 0



Anilent Spectru

Agilent Spectr R L	Construction of the second second second	50 Ω AC	1	SENSE	INT:	ALIGN AUTO	03:06:47 PM Dec 17, 2	
enter Fre	eq 5.01	500000	O GHz PNO: Fast ↔ IFGain:Low	→ Trig: Free R #Atten: 10 d	un	g Type: RMS	TRACE 1 2 3 4 TYPE M WWW DET P P P P	P P
) dB/div	Ref 0.0	0,dBm				Mkr	1 3.509 53 GH -65.823 dB	
og 0.0 0.0		<u>2</u>						Center Fre 5.015000000 GH
0.0 0.0 0.0			1					Start Fre 30.000000 Mi
).0).0	ann bhlann	ulluo ana	mortune and the state of the st	the representation	สุราชุญรัตส์ แรมสาของ Problem (1995)	a mandalan kangan salah	PE Markonianiaryanianianiani Markonianiaryaniani	Stop Fro 10.000000000 Gi
art 30 M Res BW 1	1.0 MHz	X	#VBV	V 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 GH 6.67 ms (1001 pt	Iz CF Ste s) 997.000000 M <u>Auto</u> M
1 N 1 2 N 1 3 4	f	3.	509 53 GHz 754 81 GHz	<u>-65.823 dBm</u> 1.779 dBm		PONCTION WIDTH	FUNCTION VALUE	Freq Offs
1				ш			· · · · · · · · · · · · · · · · · · ·	•
3						STATUS	7	

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



	:41 PM Dec 17, 2024		ALIGN AUTO	NT	SENSE:1	1	AC	50 Ω	RF		RL
Frequency	TYPE MWWWW DET PPPPP	Т	g Type: RMS	n	Trig: Free Ru #Atten: 10 dE	CHZ PNO: Fast ↔ IFGain:Low		.01500	eq 5	er Fr	ente
Auto Tur	19 80 GHz .783 dBm	kr1 3.41 -64.	Mk				3m	0.00 dE	Ref	//div	dB/
Center Fre								2			9 0.0
0.010000000											.0
Start Fr 30.000000 M						<u>1</u>					.0
Stop Fr 10.000000000 G	PEAK ManatangkroyAnd-panging	مورو می اور المورو می الم	ahayahayyimgatimoga	ligen and and a second s	and product from	prover land of the state of the	upqmar Au	معهد إسار مريد	part the sec	gener offered	.0 - .0 - .0 -
CF Sto 997.000000 M Auto M	10.000 GHz is (1001 pts)	16.67 m	Sweep		3.0 MHz	#VBW 3		Hz	1.0 M	30 M 8 BW	es
Freq Offs	NCTION VALUE	TH FUN	FUNCTION WIDTH	FUNCTION	Y 64.783 dBm 0.253 dBm	9 80 GHz - 4 93 GHz	× 3.419 1.714		f	N 1 N 1	
0	E								Ħ		
			STATL							_	-

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



Agilent Spe

	50 Ω AC		SENSE:		ALIGN AUTO	03:15:29 PM Dec 1	
enter Freq 5.01	F	NO: Fast ↔ Gain:Low	Trig: Free Ru #Atten: 10 dl	un	g Type: RMS	TRACE 1 2 TYPE MW DET P P	PPPP
dB/div Ref 0.0	0 dBm				Mkr	1 2.372 95 -68.024 c	
g .0 .0	↑2 						Center Fr 5.015000000 G
0 0 0	1						Start Fr 30.000000 M
0 0 0	el Course de la commensa de la comme La commensa de la comm	abbraniasturgersala	Party and a second s	etranskondor totsky metrogety	and an and a second	a letter and a second second	Stop Fr 10.000000000 G
art 30 MHz es BW 1.0 MHz	X	#VBV	V 3.0 MHz	FUNCTION	Sweep 1	Stop 10.000 6.67 ms (1001	pts) 997.000000 M Auto N
N 1 f N 1 f	2.372	95 GHz 90 GHz	-68.024 dBm 1.075 dBm				Freq Offs
			ш				,

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



The second s	ctrum Analyzer - Sw	The second s								
RL		Ω AC	CH-	SEN	SE:INT	#Avg Typ	ALIGN AUTO		MDec 17, 2024	Frequency
enter F	req 5.0150	00000	PNO: Fast + IFGain:Low	Trig: Free #Atten: 10				TY D		
) dB/div	Ref 0.00 (dBm					Mkr	1 3.509 -65.5	53 GHz 30 dBm	Auto Tu
og 🔽		2								
0.0										Center Fr
0.0										5.015000000 G
0.0								2		
0.0										Start Fr
0.0		_	-			2				30.000000 M
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0.0	non-nerrorante	UR ANNA AND AND AND AND AND AND AND AND AN	white a marger the	an when and	where we have been	and a strange	anoranother for	from white	PEAK	Oton Fr
0.0										Stop Fr 10.000000000 G
).0		_								10.00000000 G
art 30 I	MHZ 1.0 MHZ		#\/P	W 3.0 MHz			Sweep 1	Stop 10	.000 GHz	CF St 997.000000 M
			#VD		11.11 AU / 10.20	1000 V 00000000000000000000000000000000				Auto N
R MODE T		× 3.50	9 53 GHz	-65.530 dB		TION FU	NCTION WIDTH	FUNCTI	ON VALUE	
2 N	f	1.75	4 81 GHz	-0.461 dB						Freq Offs
4										0
5									E	
7										
9										
0										
				m					•	
3							STATUS			

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



RL RF	50 Ω AC		SENSE:INT	ALIGN AUTO	03:41:08 PM Dec 17, 2024	Fraguanau
nter Freq 5	5.015000000	PNO: Fast ++ IFGain:Low	Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 0 TYPE M ***********************************	Frequency
dB/div Ref	f 0.00 dBm			Mkr	1 3.419 80 GHz -67.185 dBm	Auto Tur
9 .0 .0	↑2					Center Fre 5.015000000 GI
0		1				Start Fr 30.000000 M
0 0 0	and margin offered	Alactor and the state of the st	an a	and the second	PEAU haldonyalonyyalonyalonyalonyalonyalonyalonya	Stop Fr 10.00000000 G
art 30 MHz es BW 1.0 M		#VBW	3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 997.000000 M <u>Auto</u> M
N 1 f N 1 f	3.4	19 80 GHz 14 93 GHz	-67.185 dBm 0.961 dBm		E	Freq Offs 01
			m		,	

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



Agilent Spectrum A	A REAL PROPERTY AND A REAL		SENSE:INT	ALIGN AUTO	03:43:56 PM Dec 17, 2024	
enter Freq	5.01500000	0 GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE MWWW DET P P P P P P	Frequency
) dB/div R e	ef 0.00 dBm			Mkr	1 1.685 02 GHz -65.492 dBm	Auto Tur
9.0 0.0 0.0	↑2 					Center Fre 5.015000000 GF
1.0 1.0 1.0						Start Fro 30.000000 Mi
1.0 .0 .0	within within the	erren an	hallathan an that the first frankriker	higheliterity and a series and a series of the series of t	PEAK M ¹ Agolhados Andre - gold Hold Hold Hold Hold Hold Hold Hold H	Stop Fr 10.000000000 Gi
art 30 MHz es BW 1.0	MHz	#VBW	3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF Sto 997.000000 M <u>Auto</u> M
N 1 f N 1 f	1.	685 02 GHz 724 90 GHz	-65.492 dBm -0.455 dBm		E	Freq Offs 0
				STATUS	7	

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

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Milent Seaster

Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω A		SENSE:INT	ALIGN AUTO	03:46:15 PM Dec 17, 2024	
enter Freq 5.0150000			#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P	Frequency
dB/div Ref 0.00 dBm			Mkr	1 3.509 53 GHz -64.473 dBm	Auto Tur
2 0.0 0.0					Center Fre 5.015000000 GH
0.0 0.0 0.0	∳ ¹				Start Fr 30.000000 M
0.0 	and the second	hand and a selection of the	and in a straty the standard and a surgery	PEAK vinten,subspectroppetronentten.giv	Stop Fr 10.000000000 G
art 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 1	Stop 10.000 GHz 6.67 ms (1001 pts)	CF St 997.000000 M <u>Auto</u> M
1 N 1 f 2 N 1 f 3 4 5	3.509 53 GHz 1.754 81 GHz	-64.473 dBm 0.748 dBm			Freq Offs 0
6 7 8 9 9 0 1					
3		ш	STATUS	•	

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



A REAL PROPERTY AND A REAL	ctrum Analyzer - S	A CONTRACTOR OF							
RL		Ω AC		SENSE:INT		ALIGN AUTO		MDec 17, 2024	Frequency
enter F	req 15.00	000000	PNO: Fast	Trig: Free Run #Atten: 0 dB	#Avg Iy	pe: RWS	TYP		
0 dB/div	Ref -20.0	0 dBm	n sammign				Mkr1 19. -73.3	30 GHz 05 dBm	Auto Tune
og									Center Free 15.000000000 GH
10.0 50.0									Start Fre 10.000000000 GH
70.0								1	Stop Fre 20.000000000 GH
0.0 Nmmh/	where the second of the	elvs frankulver	hindhoch _{hi} diamaddh	mahanatanak ma ^{bu}	pollogilphalistar	hylensert-spake-hyl	erindrandrahan	north Antennis	CF Ste 1.000000000 GH <u>Auto</u> Ma
100									Freq Offso 0 H
Start 10.0							Stop 20	.000 GHz	
Res BW	1.0 MHz		#VBW 3	.0 MHz		Sweep	25.00 ms (1001 pts)	h
SG						STAT	บร		

LTE B4_1.4M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



A CONTRACTOR OF A CONTRACTOR O	ctrum Analyzer - S	A CONTRACTOR OF								- 6 🕺
RL		Ω AC		SENSE:I	NT	#Avg Type	LIGN AUTO		M Dec 17, 2024	Frequency
enter F	req 15.00	0000000	PNO: Fast	Trig: Free Ru #Atten: 0 dB	n	#Avg Type	RWI5	TYP		
I0 dB/div	Ref -20.0	0 dBm						Mkr1 18. -73.0	.88 GHz 52 dBm	Auto Tune
30.0										Center Fred 15.000000000 GH:
40.0 50.0										Start Fred 10.000000000 GH
60.0 70.0									1 PEAK	Stop Free 20.000000000 GH
80.0 1,144 4	hookalaing kukitan	water	qifradistasian dalar	lepennei Austrichen	Auruhapuh	hhad-th ^a thadi	Ywenyddine	ard agreen so that all	wound	CF Stej 1.000000000 GH <u>Auto</u> Ma
100										Freq Offse 0 H
Start 10.0								Stop 20	.000 GHz	
	1.0 MHz		#VBW :	3.0 MHz				25.00 ms (1001 pts)	<u> </u>
SG							STAT	US		

LTE B4_1.4M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



and the second se	ctrum Analyzer -	Swept SA								- 6 ×
RL		50 Ω AC		SEN	ISE:INT	#Avg Typ	ALIGN AUTO		M Dec 17, 2024	Frequency
Center F	req 15.00	000000	PNO: Fast	Trig: Free		#Avg iyp	e. KWS	TYP		
			IFGain:High	#Atten: 0	dB					Auto Tune
								Mkr1 19.	20 GHz	Autorune
10 dB/div Log	Ref -20.	00 dBm						-74.1	02 dBm	
										Center Freq
30.0										15.00000000 GHz
40.0										-
										Start Freq
50.0										10.00000000 GHz
-60.0						1				Stop Freq
										20.00000000 GHz
-70.0			_			· · · · · · · · · · · · · · · · · · ·			1-01-0EAM	
					the store is	un marshala	MI sama	the match matches	manunhande	CF Step
80.0	www.abarres.Horse	worthowhere	unappreciational matches	R winghour shares	AMMA WALL WH		of the second second			1.000000000 GHz
										Auto Man
90.0						2				
										Freq Offset
-100										0 Hz
110										
-110										
Start 10.0								Stop 20	.000 GHz	
#Res BW	1.0 MHz		#VBW	3.0 MHz			Sweep	25.00 ms (1001 pts)	h
ISG							STAT	US		

LTE B4_1.4M_Conducted Spurious(Above10 G)_High_QPSK_1RB



and the second sec	ectrum Analyzer - S	Swept SA								- 6 ×
RL		OΩ AC		SEN	ISE:INT		ALIGN AUTO		MDec 17, 2024	Frequency
Center F	req 15.00	000000	PNO: Fast	Trig: Free	Run	#Avg Typ	e: KIVIS	TYP	E 1 2 3 4 5 6 E M WWWWW T P P P P P P	
			IFGain:High	#Atten: 0	dB			DE	PPPPP	
								Mkr1 19.	.61 GHz	Auto Tune
10 dB/div	Ref -20.0	00 dBm						-73.3	76 dBm	
- ^{og}										
										Center Freq
-30.0										15.00000000 GHz
-40.0									-	
										Start Freq
-50.0										10.00000000 GHz
-60.0										Stop Freq
										20.00000000 GHz
70.0								_		20.00000000 GH2
						and the second build			PEAK	
-80.0		ak and all	seemantrapetering	a data landar Mart	poppheld may	And the state of t	an natural sub-	AND AN AN AN	Iban International	CF Step
and the second	Northern and a state of the second seco	histophy dense.	an a dorped soften							1.00000000 GHz Auto Man
-90.0										Auto Man
-100										Freq Offset
100										0 Hz
110										
-110.										
Start 10.0	000 GHz							Stop 20	.000 GHz	
	1.0 MHz		#VBW	3.0 MHz			Sweep	25.00 ms (1001 pts)	
ISG							STAT			

LTE B4_3 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA					
Center Freq 15.00000000	0 GHz	ee Run	#Avg Type: RMS	TRACE	3456 Frequency
10 dB/div Ref -20.00 dBm	PNO: Fast Trig: F IFGain:High #Atten:			Mkr1 18.73 -73.522	GHz 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 Multrahlrethetternadstadstads	41930091444070lationadauaname	ushkary/skiputepre	hopotestatikossin _e eraikitek	ntralloldial Serboaction	CF Step 1.00000000 GHz Auto Mar
-100					Freq Offset 0 Hz
Start 10.000 GHz				Stop 20.000	GHz
#Res BW 1.0 MHz	#VBW 3.0 MH	z	Sweep	25.00 ms (100	

LTE B4_3 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



A CONTRACTOR OF A CONTRACTOR O	ctrum Analyzer - Sv	We are the second second second								- 6 ×
RL	RF 50			SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 17, 2024	Frequency
enter F	req 15.000	000000	PNO: Fast	Trig: Free #Atten: 0		19 I JP		TY		
			IFGain:High	#Atten: 0	aв					Auto Tune
		92 - A <u>1921</u> (Mkr1 18	.58 GHZ 45 dBm	ratoran
l0 dB/div	Ref -20.0	0 dBm			-			-74.1	45 GBM	
										Center Free
30.0										15.00000000 GH
										10.00000000000
40.0										
										Start Free
50.0										10.00000000 GH
60.0			_							Stop Free
										20.000000000 GH
70.0			_					1-		20.00000000000
						Man Alvina	La da	polouvelle hundre	PEAK	
80.0	en and the second second	And the street	NEW CONTRACTOR AND A MARKEN	Alloward	A. C. A. C.	Wand of a 13 and	MAL MAL 2	A BUNG THE REAL PROPERTY OF		CF Step 1.00000000 GH
A HILL AND	Post Marked and Areas									Auto Ma
90.0										
										Freq Offse
-100									-	0 H
										UT UT
-110										
Start 10.0								Stop 20	.000 GHz	
	1.0 MHz		#VBW :	3.0 MHz			Sweep	25.00 ms	1001 pts)	
ISG							STAT			
							1 551010			

LTE B4_3 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



and the second se	ctrum Analyzer - Swept S	A				- 6 ×
X RL Center F	RF 50 Ω req 15.00000	AC 0000 GHz	SENSE:INT	#Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
		PNO: Fast	Trig: Free Run #Atten: 0 dB		DET PPPPP	Auto Tune
10 dB/div Log	Ref -20.00 df	Зm			Mkr1 16.71 GHz -73.448 dBm	
-30.0						Center Freq 15.00000000 GHz
-40.0						Start Freq 10.000000000 GHz
-60.0				1		Stop Freq 20.000000000 GHz
-80.0 milliolar	windower and the production of the second	uptioned as the properties of	verannanatar onlyndd pars	songen and entertained and grandership	PEAK มังไข่มายของเกิดเหติยะหญ่งมากกูม	CF Step 1.000000000 GHz <u>Auto</u> Man
-100						Freq Offset 0 Hz
-110						
Start 10.0 #Res BW	000 GHz 1.0 MHz	#VBW	3.0 MHz	Sweep	Stop 20.000 GHz 25.00 ms (1001 pts)	
MSG				STA	TUS	

LTE B4_5 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



and the second sec	ctrum Analyzer - Swept	SA				
	RF 50 Ω req 15.00000		SENSE:INT	#Avg Type: RMS	02:56:36 PM Dec 17, 2024 TRACE 1 2 3 4 5 6	Frequency
Seriler P	Teq 15.00000	PNO: Fast ++ IFGain:High	Trig: Free Run #Atten: 0 dB	mita ijperitino	TYPE M WWWWW DET P P P P P P	
10 dB/div	Ref -20.00 d	Bm		N	lkr1 18.60 GHz -73.135 dBm	Auto Tune
-30.0						Center Freq 15.000000000 GHz
40.0 50.0						Start Freq 10.000000000 GHz
60.0 70.0					1	Stop Freq 20.000000000 GHz
-80.0 Juhunu	nalliunnanad Nadan	ropping way the second	an the stand of the second of the	สุดประช ^{ุม} ร่งไฟสาราร่า _ย งในอาการไม่สา	n an the second and a stranger	CF Step 1.000000000 GHz <u>Auto</u> Man
-100						Freq Offset 0 Hz
Start 10.0					Stop 20.000 GHz	
#Res BW	1.0 MHz	#VBW	3.0 MHz	Sweep 2	5.00 ms (1001 pts)	
				514105		

LTE B4_5 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



	ctrum Analyzer - Sv	Contraction and the second second second								
XI RL	RF 50			SENSE	:INT		ALIGN AUTO		MDec 17, 2024	Frequency
Center F	req 15.000	00000	PNO: Fast	Trig: Free R #Atten: 0 dB		#Avg Typ	e: RMS	TYP	E 1 2 3 4 5 6 E M WWWW T P P P P P P	
10 dB/div	Ref -20.0	0 dBm						Mkr1 19. -73.4	80 GHz 51 dBm	Auto Tune
30.0										Center Fred 15.000000000 GH:
40.0 50.0										Start Fred 10.000000000 GH2
60.0 70.0										Stop Free 20.000000000 GH:
80.0 144444	hypertransfer	Amerika	nterest the start and a sta	montan Jawan	ydrielnieun	nformætiller blev	الأرادين المراجع	hukylamesin ware	bliv ^{sc} estni Hullery	CF Stej 1.000000000 GH <u>Auto</u> Ma
100										Freq Offse 0 H
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_5 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



A REAL PROPERTY AND A REAL	ctrum Analyzer - S	NY 1997 A REPORT OF A								- 6 ×
RL		Ω AC		SENSE	INT		ALIGN AUTO		MDec 17, 2024	Frequency
Center F	req 15.00	000000	PNO: Fast	Trig: Free R #Atten: 0 dE		#Avg Typ	e: RIVIS	TYP	E 1 2 3 4 5 6 E M WWWW T P P P P P P	
0 dB/div	Ref -20.0	0 dBm						Mkr1 19. -73.0	85 GHz 80 dBm	Auto Tune
30.0										Center Free 15.000000000 GH
40.0										Start Fre 10.000000000 GH
60.0 70.0									PE	Stop Free 20.000000000 GH
30.0 W41 444	mannapahliline	wheephtheaded	montheroperations	nistrantally	handening	بالاستناساني والمالية	YNNAAM	or ophilited the state	handelingelei folgen	CF Ste 1.000000000 GH <u>Auto</u> Ma
100										Freq Offse 0 H
-110 Start 10.0								Stop 20	.000 GHz	
Res BW	1.0 MHz		#VBW 3	.0 MHz			Sweep	25.00 ms (1001 pts)	Ja
SG							STAT	US		

LTE B4_10 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



and the second se	ectrum Analyzer - Swept S	SA				- f ×
RL	RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	03:04:38 PM Dec 17, 2024	Frequency
Center F	req 15.00000	PNO: Fast +++ IFGain:High	Trig: Free Run #Atten: 0 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P	
10 dB/div	Ref -20.00 d	Bm			Mkr1 19.24 GHz -73.867 dBm	Auto Tune
-09						Center Freq 15.000000000 GHz
40.0 50.0						Start Fred 10.000000000 GHz
-60.0					1	Stop Freq 20.000000000 GHz
80.0 N/M/M/	derlanderedskardedaltsk	manganation of the particulation	ykethorps, control felowingdio	angghanillingangaaras	PEAK MANANANANANANANANANANANANANANANANANANAN	CF Step 1.00000000 GHz <u>Auto</u> Mar
-100						Freq Offsel 0 Hz
-110 Start 10.0	000 GH7				Stop 20.000 GHz	
	1.0 MHz	#VBW	3.0 MHz	Sweep 2	25.00 ms (1001 pts)	
ISG				STATU	S	

LTE B4_10 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



- 6 - ×							and a second second second	um Analyzer - Swe	and the second se
Frequency	03:06:58 PM Dec 17, 2024 TRACE 1 2 3 4 5 6	LIGN AUTO	#Avg Typ	ISE:INT	SEN	CH7	1.10	RF 50 Ω	RL
	DET P P P P P P				Trig: Free #Atten: 0	PNO: Fast		q 15.0000	
Auto Tun	kr1 16.66 GHz	M		45	Written. o	roam.nign			
	-74.036 dBm						dBm	Ref -20.00	dB/div
Center Free									
15.00000000 GH									.0
Start Fre									.0
10.00000000 GH									.0
Stop Fre			-						.0
20.00000000 GH			(Sector)						
	PEAK		• • • •						.0
CF Ste	PEAK Mtophythelinkupinupinupinubuhli	walnus burn	ashippoint. The second	propositelyter	un malle light	al in and a shire	und i Jahn		0
1.00000000 GH Auto Ma						he do . Mind .	diditi - socialita - 1	history and the second and the	why
									.0
Freq Offse									_
0 н									0
									o
	Stop 20.000 GHz							0 GHz	art 10.0
	.00 ms (1001 pts)	weep 25			3.0 MHz	#VBW 3			es BW
		STATUS							

LTE B4_10 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



A REAL PROPERTY AND A REAL	ctrum Analyzer - S	New York American Street and Street						- 6 ×
Center F	req 15.00) GHz	SENSE:INT	#Avg Type: RN		2:52 PM Dec 17, 2024 TRACE 1 2 3 4 5 6	Frequency
		000000	PNO: Fast	Trig: Free Run #Atten: 0 dB			DET P P P P P	
0 dB/div	Ref -20.0	0 dBm				Mkr1 -7	19.60 GHz 2.490 dBm	Auto Tune
og								Center Free 15.000000000 GH
40.0								Start Free 10.000000000 GH
70.0							1 PEAK	Stop Fre 20.000000000 GH
0.0 1444.1	\$1~\$4.041~14.0849/\$44	the state of the state of the	www.www.attable.charlas	wingeleand the serviced	ereldeseten Notesteren over	nshaabhaan you	N-det Hollowight David on the second	CF Ste 1.000000000 GH <u>Auto</u> Ma
100								Freq Offso 0 H
Start 10.0	000 GHz					Sto	p 20.000 GHz	
	1.0 MHz		#VBW 3	.0 MHz	Swe	ep 25.00	ms (1001 pts)	
SG						STATUS		

LTE B4_15 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



Og Center Fred 000 Start Fred 000 Stop Fred 000 Stop Fred 000 Fred 1000 Fred 1000 Fred 1000 Fred 101 Fred 102 Fred 103 Fred 104 Fred 105 Fred 106 Fred <		ectrum Analyzer - Sw	A second second second second								- 6 ×
Price					SENS	SE:INT					Frequency
IPGale:High #Atten: 0 dB Mkr1 18.80 GHz -73.907 dBm Auto Tune 00	Center F	req 15.000	00000	PNO: Fast			#Avg Typ	e: KMS	TYP	E M WWWW	
Ode Center Freq 000					#Atten: 0 c	IB			DE	PPPPP	
0.0 Bidity Ref -20.00 dBm -73.907 dBm 0.0 Bidity Ref -20.00 dBm Center Freq 0.0 Bidity Start Freq 15.00000000 GHz 0.0 Bidity Start Freq 10.0000000 GHz 0.0 Bidity Start Freq 10.00000000 GHz 0.0 Bidity Stop Freq 20.00000000 GHz 1.0 Bidity Stop Freq 1.00000000 GHz 1.0 Bidity Stop 20.000 GHz Freq Offset 0 Hz WEW 3.0 MHz Stop 20.000 GHz 0 Hz Stop 20.000 GHz Stop 20.000 GHz 0 Hz WEW 3.0 MHz Stop 20.000 GHz									Mkr1 18.	80 GHz	Auto Tune
Og Center Fred 000 Start Fred 000 Stop Fred 000 Stop Fred 000 Fred Offset 000 Fred Offset 000 Stop Z0.000 GHz 100 Kes BW 1.0 MHz	10 dB/div	Ref -20.00) dBm						-73.9	07 dBm	
15.00000000 GHz tart 10.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Stop 25.00 ms (1001 pts)	-og			- i	î			1			-
0.0 Start Free 1.0 Start Free 0 H 1.0 Start Free <td></td> <td>Center Free</td>											Center Free
Image: Start Free Start Free Image: Start Free Image: Start Free	-30.0										15.00000000 GH
Image: Start Free Start Free Image: Start Free Image: Start Free											
10.0 10.00000000 GHz 10.0 10.00000000 GHz 10.0 10.00000000 GHz 10.0 10.00000000 GHz 10.0 10.00000000 GHz 10.0 10.00000000 GHz 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	40.0										-
000 0											Start Free
Stop Free 20.00000000 GH2 Tart 10.000 GH2 Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)	-50.0		_								10.00000000 GH
Image: Stop Pred 20.00000000 GHz Image: Stop Pred 20.000 GHz I											
100 1	c0 0										
CF Step 1.000000000 GHz tart 10.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)	-00,0										
0.0 Implementation of the state of th											20.00000000 GH:
1.000000000 GHz Auto Mar 100 100 100 100 100 100 100 100 100 10	70.0									PEAK	
1.000000000 GHz Auto Mar 100 100 100 100 100 100 100 100 100 10						with	aburyhannithia	Hurth book	Helewanspirkuster	eliment to perce	CE Ster
Auto Mar Auto Mar Auto Mar Freq Offse 0 H 100 100 100 100 100 100 100 10	80.0 kulth	mon re the forth	HIMMANN	instruction and instruction	and the second second						1.000000000 GH
100 Freq Offse 110 Image: Constraint of the second											Auto Mar
110 110 110 110 110 110 110 110	90.0		_					-			
110 110 110 110 110 110 110 110											Eren Offen
110 110 110 110 tart 10.000 GHz Stop 20.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)	-100		_								
tart 10.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)											U H:
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)	-110										
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)											
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)											
									Stop 20	.000 GHz	
G STATUS	Res BW	1.0 MHz		#VBW 3	.0 MHz			Sweep	25.00 ms (1001 pts)	
	ISG							STAT	บร		

LTE B4_15 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



and the second se	ctrum Analyzer - 1	Swept SA								- f ×
RL		Ω AC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 17, 2024	Frequency
Center F	req 15.00	000000	PNO: Fast	Trig: Free #Atten: 0		#Avg iyp	e. RMS	TYP		
10 dB/div	Ref -20.0	00 dBm						Mkr1 19. -73.4	.23 GHz 28 dBm	Auto Tune
										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 w/////	handfanadadma	uturalimatik	nidupadilantilid atomi	wheelessinget	jupperioden lighter der	obruulevee	phonetal	truppedestables	nan thannanan da	CF Step 1.000000000 GHz <u>Auto</u> Mar
-100										Freq Offset 0 Hz
-110 Start 10.0	000 GHz							Stop 20	.000 GHz	
	1.0 MHz		#VBW	3.0 MHz			Sweep	25.00 ms (1001 pts)	h
ISG							STAT	US		

LTE B4_15 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



Agilent Sp

	ctrum Analyzer - S	And the second second second						
RL		Ω AC		SENSE:INT	#Avg Type: RM	AUTO	03:41:20 PM Dec 17	
enter F	req 15.00	000000	PNO: Fast	rig: Free Run Atten: 0 dB	#Avg Type: Ki	VI 5	TRACE 1 2 3 TYPE MWW DET P P P	P P P
0 dB/div	Ref -20.0	00 dBm				M	kr1 19.25 G -73.065 d	
30.0 								Center Fre 15.000000000 GH
0.0								Start Fre 10.000000000 GH
70.0							_ 1.	Stop Fre 20.000000000 GH
0.0 1	Madiremarkanter	whereineither	wetterlinning av inderse under	holyddydd yna caeddolla	reformerender ferster bester	nporteettige	under der sterne son der sterne son der sterne son der	CF Ste 1.00000000 GH Auto Ma
100								Freq Offs 0 H
tart 10.0	000 GHz						Stop 20.000 (GHZ
	1.0 MHz		#VBW 3.	0 MHz	Swe	eep 25	.00 ms (1001	pts)
SG						STATUS		

LTE B4_20 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



	ectrum Analyzer - S	2007 March American								- 6 - ×
RL		Ω AC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Dec 17, 2024	Frequency
enter F	req 15.00	000000	PNO: Fast -	Trig: Free		WOAR IND	e. Kins	TY		
			IFGain:High	#Atten: 0	B					Auto Tune
								Mkr1 19	.38 GHz	Auto Tuli
0 dB/div	Ref -20.0	00 dBm						-73.0	13 dBm	
. s										Center Fre
30.0										15.00000000 GH
										15.00000000 GH
40.0										
40.0										Start Fre
50.0						-				10.00000000 GH
60.0										
50,0										Stop Fre
70.0									<u>1</u>	20.00000000 GH
.0.0						1000			PEAK	
30.0		but in		J. A. Marcadares	hopedstreem	www.hiltitume	adding to and the form	and the second second second	The second free here and	CF Ste
appeldent	manneihurdym	rt-statiliterine	antriantriallistic	and a shift of a						1.00000000 GH
90.0										<u>Auto</u> Ma
.0.0										
100										Freq Offse
.100										0 H
110										
110										
	000 GHz							Stop 20	.000 GHz	
Res BW	1.0 MHz		#VBW :	3.0 MHz			Sweep	25.00 ms	(1001 pts)	J.
SG							STAT	US		

LTE B4_20 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



and the second sec	ctrum Analyzer - S	A CONTRACTOR OF								- 6 🕺
RL		Ω AC		SEN	ISE:INT	#Avg Typ	ALIGN AUTO		M Dec 17, 2024	Frequency
enter F	req 15.00	000000	PNO: Fast	Trig: Free #Atten: 0		#Avg Typ	e. RWS	TY		
I0 dB/div	Ref -20.0	0 dBm						Mkr1 18 -73.6	.87 GHz 02 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 Free 20.000000000 GH:
30.0 1-11-11/14	wyddyhawterdd	/nunaphtobatha	ndittance of the standard	aldyndipailail	allel many of the match	lenny-ethinethinet	nalulhadaranala	madlanarman	PEAK MANYALAMA AN	CF Ste 1.000000000 GH <u>Auto</u> Ma
100										Freq Offse 0 H
Start 10.0								Stop 20	.000 GHz	
	1.0 MHz		#VBW	3.0 MHz				25.00 ms	(1001 pts)	
SG							STAT	US		

LTE B4_20 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA				
RL RF 50 Ω AC Center Freq 1.710000000	GHz PNO: Wide Trig: Free Ru	#Avg Type: RMS		Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #Atten: 10 dl	72	kr1 1.710 000 GHz -23.034 dBm	Auto Tune
- og 16.9		m		Center Freq 1.710000000 GHz
3,12				Start Fred 1.708000000 GHz
23.1	1		-13.00 dBm	Stop Fred 1.712000000 GHz
43.1		here	Marth RMS	CF Step 400.000 kH: <u>Auto</u> Mar
13.1	we want wat a set of the set of t		and marging and see	Freq Offse 0 H
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

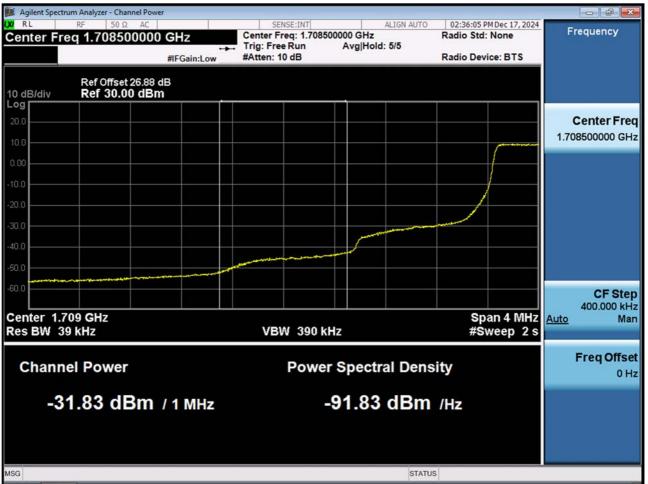
F-TP22-03 (Rev. 06)



Agilent Spectrum Analyzer - Swept SA					- 6 .
RL RF 50 Ω AC Center Freq 1.710000000	GHz PNO: Wide Trig: Fr		#Avg Type: RMS	02:35:48 PM Dec 17, 2024 TRACE 1 2 3 4 5 5 TYPE A WWWWW DET A A A A A A	Frequency
Ref Offset 26.88 dB 0 dB/div Ref 26.88 dBm	IFGain:Low #Atten:	10 dB	Mkr	1 1.710 000 GHz -26.567 dBm	Auto Tune
16.9					Center Fred 1.710000000 GH
3.12			ny magana ang manang mang mang mang mang m		Start Free 1.708000000 GH:
23.1		1		-13.00 dBm	Stop Free 1.712000000 GH
13.1	multion manual of	<i>,</i>		RMS	CF Step 400.000 kH <u>Auto</u> Ma
is.1					Freq Offse 0 H
63.1 Center 1.710000 GHz #Res BW 15 kHz	#VBW 47 kHz		#Suuccor	Span 4.000 MHz 2.000 s (1001 pts)	
sg	#0 D00 47 KH2		#SWEE		

LTE B4_1.4M_Band Edge_Low_QPSK_FullRB





LTE B4_1.4M_Extended Band Edge_Low_QPSK_FullRB





	ctrum Analyzer - Swept SA					
Center F	RF 50 Ω AC req 1.755000000	GHz PNO: Wide Trig: Fre		#Avg Type: RMS	02:42:13 PM Dec 17, 2024 TRACE 1 2 3 4 5 6 TYPE A 4 4 A A A A	Frequency
10 dB/div	Ref Offset 26.88 dB Ref 26.88 dBm	IFGain:Low #Atten: 1	0 dB	Mkr	1 1.755 000 GHz -22.469 dBm	
16.9						Center Fred 1.755000000 GH;
6.88 3.12						Start Free 1.753000000 GH
23.1			1		-13.00 dBm	Stop Free 1.757000000 GH:
33.1	- Inna	M	-			CF Step 400.000 kH: <u>Auto</u> Mar
m	new against have			the second s	RMS	Freq Offse 0 H:
	755000 GHz				Span 4.000 MHz	
#Res BW	15 kHz	#VBW 47 kHz		#Sweep	2.000 s (1001 pts)	
				SIAIC		

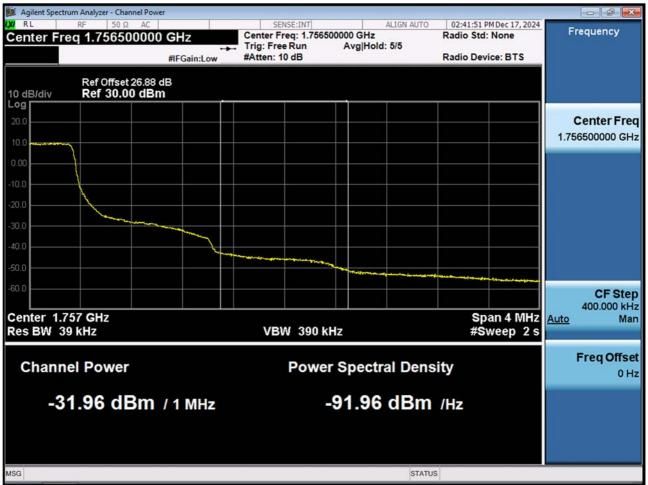
LTE B4_1.4M_Band Edge_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept	COVER THE REAL PROPERTY OF THE				- 6 ×
Center Freq 1.75500	0000 GHz		vg Type: RMS	02:41:34 PM Dec 17, 2024	Frequency
Ref Offset 26.8 0 dB/div Ref 26.88 dl	IFGain:Low #Atten:		Mkr1	1.755 004 GHz -25.366 dBm	Auto Tune
og 16.9					Center Fre 1.755000000 GH
3.12	รมสุกรีรับ (หนุมคระสาชสายๆ) การให้สุดครูการแห่งการเกรรีย์ สรยม 				Start Fre 1.753000000 GH
23.1		1		-13.00 dBm	Stop Fre 1.757000000 GH
13.1 13.1		Marine Mari	And Marine		CF Ste 400.000 kH <u>Auto</u> Ma
53.1			and a second	RMS	Freq Offse 0 H
63.1 Center 1.755000 GHz				Span 4.000 MHz	
Res BW 15 kHz	#VBW 47 kHz		#Sweep	2.000 s (1001 pts)	

LTE B4_1.4M_Band Edge_High_QPSK_FullRB





LTE B4_1.4M_Extended Band Edge_High_QPSK_FullRB





Agilent Spectrum Analyzer - Swept SA				
RL RF 50 Ω AC Center Freq 1.710000000	PNO: Wide - Trig: Free Ru	#Avg Type: RMS	02:45:04 PM Dec 17, 2024 TRACE 1 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: 10 dE		1.709 996 GHz -18.312 dBm	Auto Tune
16.9				Center Freq 1.710000000 GHz
3.12				Start Fred 1.708000000 GHz
-13.1	1-		-13.00 dBm	Stop Fred 1.712000000 GHz
33.1		Low way and the second	RMS	CF Step 400.000 kH Auto Mar
43.1			a series and a series of the s	Freq Offse 0 H
-63.1 Center 1.710000 GHz			Span 4.000 MHz	
#Res BW 30 kHz	#VBW 91 kHz	#Sweep	2.000 s (1001 pts)	

LTE B4_3 M_Band Edge_Low_QPSK_1RB

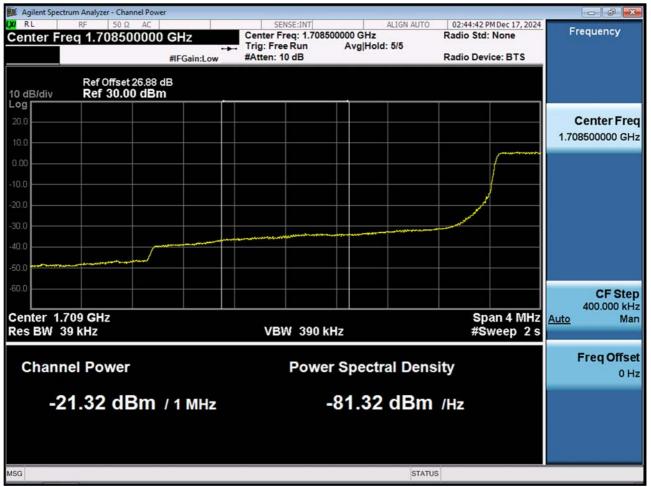




Agilent Spectrum Analyzer - Swept SA					- 6 ×
Center Freq 1.710000000	PNO: Wide	SENSE:INT	ALIGN A #Avg Type: RMS		Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low	#Atten: 10 dB	Μ	kr1 1.710 000 GHz -23.420 dBm	Auto Tune
16.9					Center Fred 1.710000000 GHz
3.12				RMS	Start Fred 1.708000000 GHz
23,1		1		-13.00 dBm	Stop Free 1.712000000 GH:
13.1 	and all a second se				CF Stej 400.000 kH <u>Auto</u> Ma
33.1					Freq Offse 0 H
63.1 Center 1.710000 GHz #Res BW 30 kHz	#VBW 9	4 647		Span 4.000 MHz eep 2.000 s (1001 pts)	
	#VBW 9				

LTE B4_3 M_Band Edge_Low_QPSK_FullRB





LTE B4_3 M_Extended Band Edge_Low_QPSK_FullRB





- 6 🔀					A STATE OF COMPANY AND A STATE OF COMPANY	trum Analyzer - Swej	
Frequency	02:50:28 PM Dec 17, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A	g Type: RMS	e Run	de ↔ Trig: Fre	00000 GHz	req 1.75500	Center F
Auto Tune	1.755 000 GHz -17.647 dBm	Mkr1			IFGain: 6.88 dB	Ref Offset 26 Ref 26.88 c	10 dB/div
Center Fred 1.755000000 GHz							16.9
Start Fred 1.753000000 GH;							6.88 3.12
Stop Fred 1.757000000 GH2	-13.00 dBm		1				-13.1
CF Step 400.000 kH Auto Mar			June of the second	~~~	and a start	A	33.1
Freq Offse 0 H	RMS						53.1
	Span 4.000 MHz 2.000 s (1001 pts)	#Sween		VBW 91 kHz		755000 GHz 30 kHz	Center 1.
		STATUS					ISG

LTE B4_3 M_Band Edge_High_QPSK_1RB

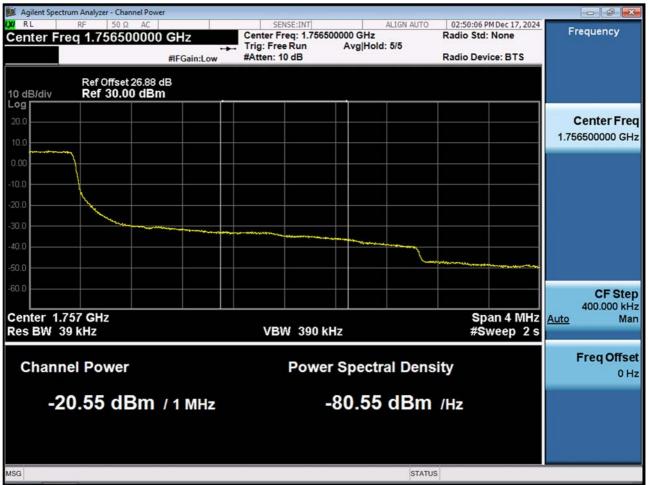




- 6 -				trum Analyzer - Swept SA	
Frequency	02:49:49 PM Dec 17, 2024 TRACE 1 2 3 4 5 6	#Avg Type: RMS	SENSE:INT	RF 50 Ω AC req 1.755000000 GHz	Center F
Auto Tum	DET A A A A A A		Trig: Free Run #Atten: 10 dB	PNO: Wide +++ IFGain:Low	
Auto Tun	1.755 000 GHz -22.496 dBm	Mkr1		Ref Offset 26.88 dB Ref 26.88 dBm	0 dB/div
Center Fre					
1.755000000 GH					6.9
Start Fre				**************************************	.88
1.753000000 GH					.12
Stop Fre	-13.00 dBm		1		3.1
1.757000000 GH					3,1
CF Ste 400.000 kH	RMS	an philling any second of the state and the second of the second s			3.1
<u>Auto</u> Ma	and the second s				3.1
Freq Offs					3.1
01					3.1
	Span 4.000 MHz 2.000 s (1001 pts)	#Sweep	91 kHz	755000 GHz 30 kHz #VBW	enter 1.7 Res BW
		STATUS			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			100			- 6 - X
Center Freq 1.710000000	PNO: Wide	g: Free Run	#Avg Type: RM	S TRAC	M Dec 17, 2024 E 1 2 3 4 5 6 PE A WWWWWW T A A A A A A	Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #At	tten: 10 dB	N	lkr1 1.710 0		Auto Tune
16.9		$-\int$				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	\sim		however		RMS	CF Step 400.000 kHz <u>Auto</u> Man
63.1					and should be a should be	Freq Offset 0 Hz
-63.1 Center 1.710000 GHz				Span 4	.000 MHz	
#Res BW 51 kHz	#VBW 160	KHZ		reep 2.000 s (1001 pts)	

LTE B4_5 M_Band Edge_Low_QPSK_1RB

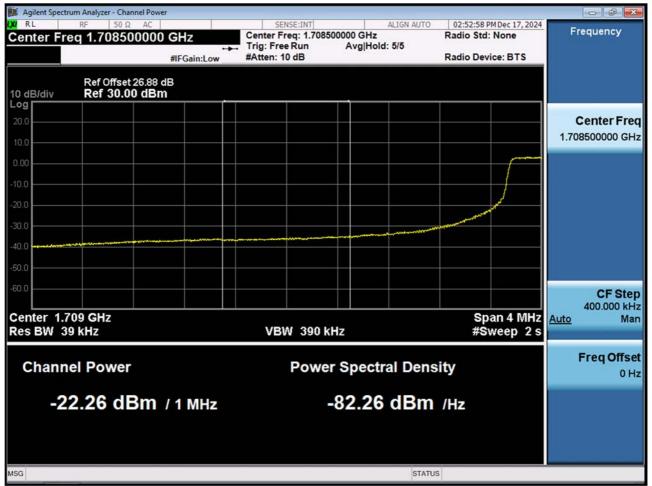




Agilent Spectrum Analyzer - Swept SA				
Center Freq 1.710000000	GHz PNO: Wide Trig: Free Run	#Avg Type: RMS	02:52:41 PM Dec 17, 2024 TRACE 1 2 3 4 5 0 TYPE A WWWW DET A A A A A A A	Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #Atten: 10 dB	Mkr1	1.710 000 GHz -23.809 dBm	Auto Tune
16.9				Center Freq 1.710000000 GHz
3.12			RMS	Start Fred 1.708000000 GHz
-13.1			-13.00 dBm	Stop Freq 1.712000000 GHz
43.1				CF Step 400.000 kHz Auto Mar
53.1				Freq Offset 0 Hz
-63.1 Center 1.710000 GHz #Res BW 51 kHz	#VBW 160 kHz	#Sween	Span 4.000 MHz 2.000 s (1001 pts)	
INGS DW STRIZ		STATUS		

LTE B4_5 M_Band Edge_Low_QPSK_FullRB





LTE B4_5 M_Extended Band Edge_Low_QPSK_FullRB





- 6 - 8				100				The second s	trum Analyzer - Sw	
Frequency	PM Dec 17, 2024 CE 1 2 3 4 5 6 PE A 4 4 4 4 4	TRAC	ALIGN AUTO	#Avg Ty			Hz PNO: Wide	00000 G	req 1.7550	enter F
Auto Tune	000 GHz 81 dBm	1.755 0	Mkr1			#Atten: 1	FGain:Low	6.88 dB	Ref Offset 2 Ref 26.88	0 dB/div
Center Fred 1.755000000 GHz										16.9
Start Fred 1.753000000 GH;										3.12
Stop Fred 1.757000000 GH:	-13.00 dBm				1					23.1
CF Step 400.000 kH <u>Auto</u> Mar	RMS			-	June					43.1
Freq Offse 0 H	/	and a second								53.1
	I.000 MHz (1001 pts)	Span 4	#\$waap			160 kHz	#\/B\M	2	755000 GHz	enter 1.7
	(100 Ppts)		#Sweep			TOO KHZ	#VBVV		JTKHZ	SG

LTE B4_5 M_Band Edge_High_QPSK_1RB

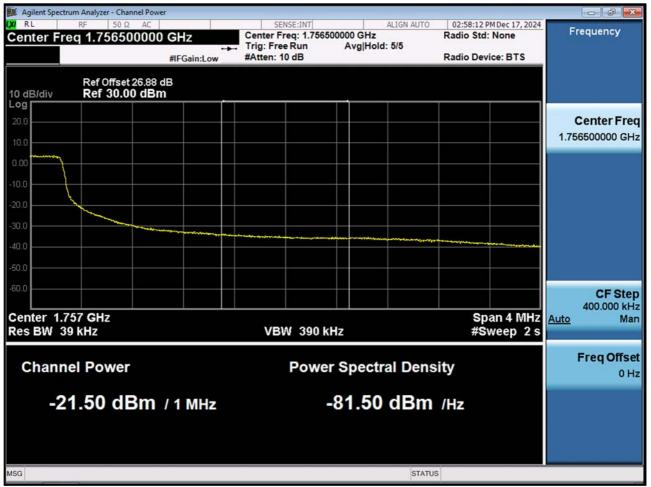




Agilent Spectrum Analyzer - Swept SA			
RL RF 50 Ω AC Center Freq 1.755000000	GHZ PNO: Wide	ALIGN AUTO 02:57:55 PM Dec 1 #Avg Type: RMS TRACE	Frequency
Ref Offset 26.88 dB 0 dB/div Ref 26.88 dBm	PNO: Wide Trig: Free Run IFGain:Low #Atten: 10 dB	Mkr1 1.755 004 (-23.227 c	GHZ Auto Tune
16.9			Center Fre 1.755000000 GH
.12			Start Fre 1.753000000 GH
3.1			1.00 dBm Stop Fre 1.757000000 GH
3.1			EME 400.000 kH Auto Ma
3.1			Freq Offs 0 H
enter 1.755000 GHz		Span 4.000	MHz
Res BW 51 kHz	#VBW 160 kHz	#Sweep 2.000 s (1001	ptsj

LTE B4_5 M_Band Edge_High_QPSK_FullRB





LTE B4_5 M_Extended Band Edge_High_QPSK_FullRB



Agilent Spectrum Analyzer - Swept SA				
RL RF 50 Ω AC Center Freq 1.710000000	PNO: Wide Trig: Free Run	#Avg Type: RMS	03:01:26 PM Dec 17, 2024 TRACE 2 3 4 5 0 TYPE A WWWW DET A A A A A A	Frequency
Ref Offset 26.88 dB 10 dB/div Ref 26.88 dBm	IFGain:Low #Atten: 10 dB	Mkr	1.709 996 GHz -29.437 dBm	Auto Tune
16.9				Center Freq 1.710000000 GHz
3.12				Start Freq 1.708000000 GHz
-13.1			-13.00 dBm	Stop Freq 1.712000000 GHz
43.1		· · · · · · · · · · · · · · · · · · ·	EMS	CF Step 400.000 kHz <u>Auto</u> Man
53.1				Freq Offset 0 Hz
-63.1 Center 1.710000 GHz #Res BW 100 kHz	#VBW 300 kHz	#Sween	Span 4.000 MHz 2.000 s (1001 pts)	
ISG		STATU		

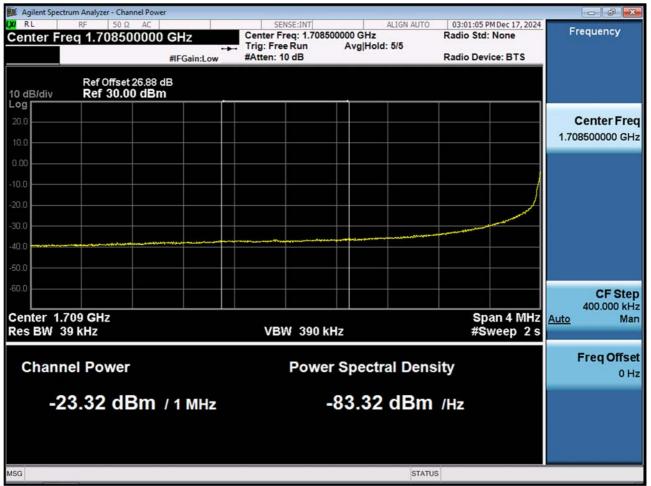
LTE B4_10 M_Band Edge_Low_QPSK_1RB



enter Freq 1.71000000 GHz PNO: Wide ++ Ifg: FreeRun #Atten: 10 dB		ctrum Analyzer - Swept SA					
Ref Offset 26.88 dBm Mkr1 1.709 996 GHz -27.023 dBm Auto Tune 69 -27.023 dBm -27.023 dBm 1.71000000 GHz 100 -27.023 dBm -27.023 dBm 1.71000000 GHz 101 -27.023 dBm -27.023 dBm 1.71000000 GHz 102 -27.023 dBm -27.023 dBm 1.71000000 GHz 103 -27.023 dBm -27.023 dBm 1.71000000 GHz 112 -27.023 dBm -27.023 dBm 1.71000000 GHz 112 -27.023 dBm -27.023 dBm 1.71000000 GHz 112 -27.023 dBm -27.023 dBm 1.7100000 GHz 112 -27.023 dBm -27.023 dBm -27.023 dBm 112 -27.023 dBm -27.023 dBm -27.023 dBm<	Center F		GHz	#Avg Ty		TRACE 1 2 3 4 5 6	Frequency
69 69 69 69 69 69 69 60 60 60 60 60 60 60 60 60 60	10 dB/div	Ref Offset 26.88 dB Ref 26.88 dBm			Mkr1	1.709 996 GHz	Auto Tune
Start Free Start Free Start Free 1.70800000 GH2 Tripped and a start free 1.70800000 GH2 Tripped a start free 1.7080000 GH2 Tripped a start free 1.708000 GH2 Tripped a start free 1.7080000 GH2 Tripped a start free 1.7080000 GH2 Tripped a start free 1.7080000 GH2 Tripped a start free 1.70000 GH2 Tripped a start fre	16.9						Center Fred 1.710000000 GHz
Stop Fred Stop Fred Stop Fred 1.71200000 GH; CF Step 400.000 kH; Auto Mar Fred Offse 0 H; Res BW 100 kHz #VBW 300 kHz #VBW 300 kHz #VBW 300 kHz #VBW 300 kHz #Sweep 2.000 s (1001 pts)	6.88 3.12					RMS	Start Fred 1.708000000 GHz
3.1 400.000 kHz 3.1 400.000 kHz 3.1 1 3.1 1 3.1 1 3.1 1 3.1 1 3.1 1 3.1 1 3.1 1 3.1 1 1	13.1 23.1			1		-13.00 dBm	Stop Fred 1.712000000 GH2
3.1 Freq Offse 3.1 Freq Offse 0 H H <tr< td=""><td>33.1</td><td>SS and an experiment</td><td></td><td></td><td></td><td></td><td>400.000 kH</td></tr<>	33.1	SS and an experiment					400.000 kH
enter 1.710000 GHz Span 4.000 MHz Res BW 100 kHz #VBW 300 kHz #Sweep 2.000 s (1001 pts)	53.1						
						Span 4.000 MHz	
	Res BW	100 kHz	#VBW 300 kHz				

LTE B4_10 M_Band Edge_Low_QPSK_FullRB





LTE B4_10 M_Extended Band Edge_Low_QPSK_FullRB





Agilent Spectrum Analyzer - Swept SA				
RL RF 50 Ω AC enter Freq 1.755000000	PNO: Wide + Irig: Free Rur	#Avg Type: RMS	03:06:37 PM Dec 17, 2024 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A A	Frequency
Ref Offset 26.88 dB dB/div Ref 26.88 dBm	IFGain:Low #Atten: 10 dB	Mkr1	1.755 000 GHz -28.060 dBm	Auto Tun
6.9				Center Fre 1.755000000 GH
12				Start Fre 1.753000000 G⊦
3.1			-13.00 dBm	Stop Fre 1.757000000 G⊦
3.1				CF Ste 400.000 kH <u>Auto</u> Ma
3.1		- Thuếng dayan ở đau, sự	RMS	Freq Offso 0 ⊦
enter 1.755000 GHz			Span 4.000 MHz	
Res BW 100 kHz	#VBW 300 kHz	#Sweep	2.000 s (1001 pts)	

LTE B4_10 M_Band Edge_High_QPSK_1RB



Agilent Spectrum Analyzer -	PARTICIPATION						
RL RF 5 Senter Freq 1.755	0 Ω AC 0000000 GHz			#Avg Type: R		13:05:56 PM Dec 17, 202 TRACE 1 2 3 4 5	Frequency
Ref Offset 0 dB/div Ref 26.8	IFGain:				Mkr1 1.	755 008 GHz -25.406 dBm	Auto Tune
og 16.9							Center Freq 1.755000000 GHz
3.12							Start Free 1.753000000 GHz
13.1		Nonuclease and	1			-13.00 dBr	Stop Freq 1.757000000 GHz
13.1			Marine Marine State		**************************************	RM	CF Step 400.000 kHz <u>Auto</u> Man
53.1							Freq Offset 0 Hz
enter 1.755000 Gł					5	Span 4.000 MHz	
Res BW 100 kHz	;	¥VBW 300 kHz		#5	STATUS	000 s (1001 pts	

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