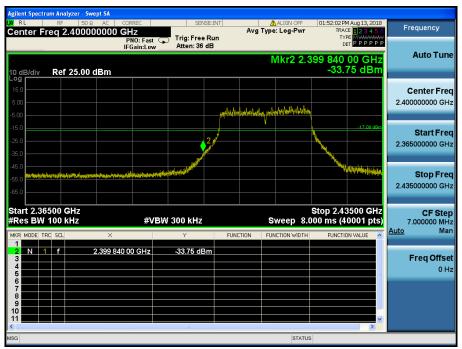
TM 6 & ANT 1 & 2412

Reference



Low Band-edge



Center Freq 15.004500 MHz Avg Type: Log-Pwr Trace D 28434 Frequency Mkr2 288.7 kHz Trace D 28434 Mkr2 288.7 kHz Auto Tune 10 dB/div Ref 25.00 dBm 44.77 dBm Center Freq D 28434 D 284344 D 28434 D 284344	Agilent Spectr										
Center Pred 13.004300 MPZ Trig: Free Run Atter: 36 dB Auto Tune 0 dB/div Ref 25.00 dBm 44.77 dBm 44.77 dBm Auto Tune 10 dB/div Ref 25.00 dBm 44.77 dBm 44.77 dBm Center Freq 500 10 dB/div	(XI RL				SEN	SE:INT					Frequency
WKR2 288.7 KHz 44.77 dBm Center Freq 15.0045/00 KHz 5.00 6.00 7 8 9 10 11 10 11	Center Fr	eq 15.u	045001	PNO: Fast C			Avgilyp	e. Log-r wi	TYP	EMWAWAAAA	
10 10 <td< td=""><td>10 dB/div</td><td>Ref 25</td><td>.00 dBm</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>Auto Tune</td></td<>	10 dB/div	Ref 25	.00 dBm					1			Auto Tune
ASS A	15.0 5.00										
550 500 5	-25.0 -35.0 2 —									-17.08 dBm	
XHR MODE TRC: SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Man 1 N 1 f 288.7 kHz -44.77 dBm FUNCTION FUNCTION VALUE Auto Man 2 N 1 f 288.7 kHz -44.77 dBm FUNCTION FUNCTION VALUE FUNCTION VAL	-55.0	harmidestationarial	yaya tabidi wakata	Mitthe Martin Annual Martin	hyddianwraelwydd belyd yn hwegife	a da anticipada a constante pode a constant	the all the states	nasionalismin	leyet genetry og gan ten døk for	ind the Black to an a state of the	
MRR MODE THE SEL X Y Y FUNCTION WIDTH FUNCTION VALUE 2 N 1 f 288.7 kHz 44.77 dBm 3 1 f 288.7 kHz 44.77 dBm 4 4 6 6 6 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7				#VB	W 300 kHz		s	weep 5.3	Stop 3 33 ms (4	0.00 MHz 0001 pts)	2.999100 MHz
3 Freq Offset 4	1 N 1	f	×	288.7 kHz	-44.77 dB	m	CTION FU	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
	3 4 5			288.7 kHz	-44.// dB	-m				=	
	7 8 9										
					TH .						
ISG STATUS DC Coupled	MSG	_						STATUS	DC Cou		

Agilent Spectrum Analyzer - Swe					
RL RF 50 Ω Center Freq 5.01500		SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	01:52:18 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast G IFGain:Low	Trig: Free Run Atten: 36 dB			
10 dB/div Ref 25.00	dBm		Mkr	5 3.240 09 GHz -36.30 dBm	Auto Tune
Log 15.0 5.00					Center Freq 5.015000000 GHz
-15.0 -25.0 -35.0			control of the contro		Start Freq 30.000000 MHz
-46.0 -55.0 -65.0			e schildel i ne skiele ge zonie zme i hen konste oue d'hen i 	-achelett _{e e c} ante entre a se interférie a se se se Internet e constante a se	Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	× 2.416 82 GHz	⊻ 9.34 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	2.389 90 GHz 2.831 82 GHz 6.663 04 GHz 3.240 09 GHz	-34.67 dBm -35.71 dBm -36.19 dBm -36.30 dBm			Freq Offset 0 Hz
6 7 8 9 10					
11 <				>	
MSG			STATUS		

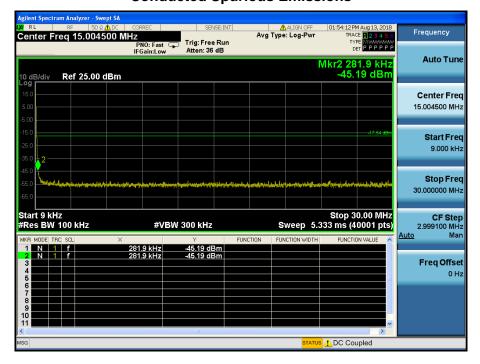




TM 6 & ANT 1 & 2437

Reference





RL RE 5	Swept SA DΩ AC CORREC	SENSE:INT	ALIGN OFF	01:54:21 PM Aug 13, 2018	
enter Freq 5.015	000000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr		Frequency
	IFGain:Low	Atten: 36 dB			Auto Tom
0 dB/div Ref 25.0	0 dBm		Mkr	5 7.169 52 GHz -36.10 dBm	Auto Tune
- og 15.0 5.00	¹				Center Fre 5.015000000 GH
5.00				-17.54 dBm	Start Fre
25.0		and the second sec			30.000000 MH
45.0 55.0				n an aitean a' an an an an an an an Aird a tha aite aitean aite	Stop Fre
65.0					10.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Ste 997.000000 MH
IKR MODE TRC SCL	×	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 f	2.441 49 GHz 9.403 79 GHz	9.19 dBm -34.98 dBm			
3 N 1 f	3.165 32 GHz 9.336 25 GHz	-35.56 dBm -35.89 dBm			Freq Offs
5 N 1 f	7.169 52 GHz	-36.10 dBm		=	0 F
6					
8					
9					
				~	
				>	

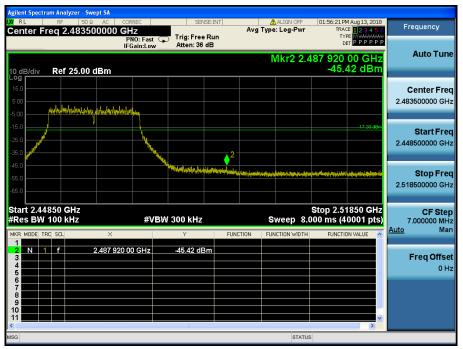
Agilent Spectru		lyzer - Sw	ept SA											
<mark>,XI</mark>	RF	50 Ω	AC	CORREC		SENS	E:INT	Âva	ALIO Type: L			M Aug 13, 201		Frequency
				PNO: F IFGain:	ast 🖵 Low	Trig: Free Atten: 30		nig	Type. L	og-i wi	TY		6#	
10 dB/div	Ref	20.00	dBm						Γ	Mkr4 1	6.471 7 -36.	′50 GH: 17 dBn		Auto Tune
Log 10.0 0.00													17	Center Freq 7.500000000 GHz
-20.0 -30.0 -40.0						4	Jacob Decement of the	3		\\$ ²		-17.54 dBr	1(Start Freq 0.000000000 GHz
-50.0 -60.0 -70.0													25	Stop Freq 5.000000000 GHz
Start 10.0 #Res BW					#VBW	3.0 MHz			Swe	eep 40	Stop 25 .00 ms (4	.000 GHz 0001 pts) .	CF Step I.50000000 GHz
MKR MODE TR	C SCL		×	52 000 GH		∨ -31.55 dBı		INCTION	FUNCTION	ON WIDTH	FUNCTIO	IN VALUE	Au	<u>to</u> Man
2 N 1 3 N 1 4 N 1 5	f		21.3 18.9	52 000 GF 55 125 GF 39 500 GF 71 750 GF	iz iz	-34.55 dBi -34.55 dBi -35.27 dBi -36.17 dBi	n n							Freq Offset 0 Hz
6 7 8 9														
11						110								
MSG										STATUS				

Pages: 167 / 306

TM 6 & ANT 1 & 2462

Reference





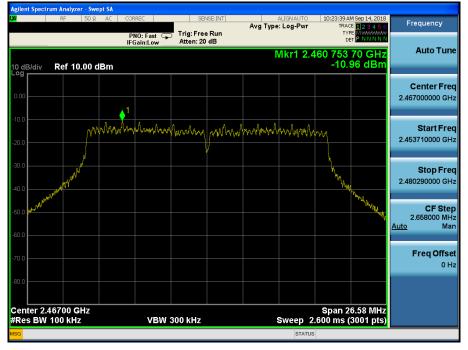
Agilent Spectrum Analyzer									
		ORREC	SENS	EINT		ALIGN OFF		Aug 13, 2018 E 1 2 3 4 5 6	Frequency
Center Freq 15.0		PNO: Fast 🕞 FGain:Low	Trig: Free F Atten: 36 d		018 I M	5. 20g4 wi	TYP		
10 dB/div Ref 25.	00 dBm						Vikr2 29 -46.(7.7 kHz 01 dBm	Auto Tune
15.0 5.00									Center Freq 15.004500 MHz
-15.0 -25.0 -35.0								47.30 dBm	Start Freq 9.000 kHz
-45.0 -55.0 -65.0	Nikila Latangapat Anang	iju _e vuli metodonde	Hazer algeback the second particular	bystead turged	fanna Meriania	an <u>tern</u> arian de la seconda de l	haaraa taa ahada ahaaya	san terna terna sech	Stop Freq 30.000000 MHz
Start 9 kHz #Res BW 100 kHz		#VBV	V 300 kHz		s	weep 5.3	Stop 3 33 ms (4	0.00 MHz 0001 pts)	CF Step 2.999100 MHz
MKR MODE TRC SCL	× 29	7.7 kHz	۲ -46.01 dBr	n	CTION FUI	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
2 N 1 f 3 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	29	7.7 kHz	-46.01 dBr	n					Freq Offset 0 Hz
6 7 8 9 10									
								~	
MSG						OT A THE	DC Cou	and and	

Agilent Spectrum Analyzer - Sw						
Center Freq 5.0150		SENSE:INT		ALIGN OFF	01:56:37 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	PNO: Fast C IFGain:Low	Trig: Free Run Atten: 36 dB			DET PPPPP	
10 dB/div Ref 25.00	dBm			Mkr	5 3.436 75 GHz -36.20 dBm	Auto Tune
15.0 5.00 -5.00						Center Frec 5.015000000 GHz
-15.0			3			Start Free 30.000000 MH:
-45.0			en antikini te esti antinania ana inter			Stop Fred 10.000000000 GH:
Start 30 MHz #Res BW 1.0 MHz	#VBI	W 3.0 MHz	ę	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Stej 997.000000 MH
MKR MODE TRC SCL	× 2.458 19 GHz	Y 10.76 dBm	FUNCTION FL	JNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	3.145 38 GHz 6.279 94 GHz 7.741 80 GHz 3.436 75 GHz	-35.85 dBm -36.08 dBm -36.17 dBm -36.20 dBm				Freq Offse 0 H:
6 7 8 9 10						
11 					×	
ISG				STATUS		



TM 6 & ANT 1 & 2467

Reference





Agilent Spectrum Analyzer - Swe					
ιXI RF 50 Ω	🛕 DC 🕴 CORREC 📗	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	10:25:25 AM Sep 14, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ⊂ IFGain:Low	Trig: Free Run Atten: 20 dB		TYPE MWWWWWW DET P N N N N N	
				Mkr1 284.2 kHz	Auto Tune
10 dB/div Ref 10.00 d	dBm			-64.55 dBm	
Log 0.00					Center Freq
-10.0					15.004500 MHz
-20.0					
-30.0				-30.96 dBm	Stort From
-40.0					Start Freq 9.000 kHz
-50.0					
-60.0					
-70.0		والمرافقة والأراد والمراجع والمراجع والأراد والمراجع	en andres Balleton de senten de Lander a Laborateira esta	and a theory and a links are a state from the diversion of the	Stop Freq 30.000000 MHz
-80.0					30.000000 WH12
Start 9 kHz				Stop 30.00 MHz	CF Step
#Res BW 100 kHz	VBW	300 kHz	Sweep 5.3	333 ms (40001 pts)	2.999100 MHz
MKR MODE TRC SCL	×		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f	284.2 kHz	-64.55 dBm			
3					Freq Offset
5					0 Hz
7					
9					
10				~	
<				>	
MSG			STATUS	DC Coupled	

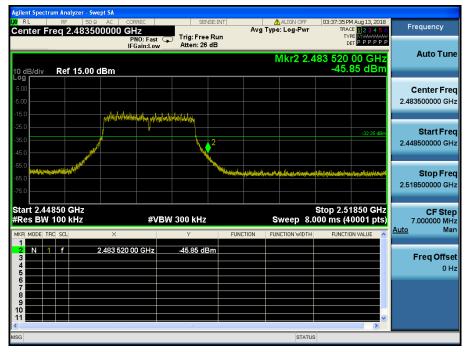
Agilent Spectrum Analyzer - Swe					
ιχί RF 50 Ω	AC CORREC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	10:26:17 AM Sep 14, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast	Trig: Free Run Atten: 20 dB		TYPE MMAAAAAAAA DET P N N N N N	
	IFGain:Low	Atten: 20 dB			Auto Tune
	-ID		IVIKT	5 6.992 30 GHz -55.57 dBm	
10 dB/div Ref 10.00 d	dBm			-33.37 (1511)	
0.00	 - ◊' - 				Center Freq
-10.0					5.015000000 GHz
-20.0					
-30.0				-30.96 dBm	
-40.0					Start Freq
-50.0			☆ ⁴ → ⁵ → ³		30.000000 MHz
	Barres and the set of the set of the	And the second se			
-50.0		التكليب والتعديد والراد			Stop Freq
-70.0					10.00000000 GHz
-00.0					
Start 30 MHz				Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	VBV	/ 3.0 MHz	Sweep 18	.67 ms (40001 pts)	997.000000 MHz
MKR MODE TRC SCL	×		FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f	2.459 94 GHz 3.165 57 GHz	-4.38 dBm -54.82 dBm			
3 N 1 f	7.544 89 GHz	-55.31 dBm			Freq Offset
4 N 1 f 5 N 1 f	5.784 43 GHz 6.992 30 GHz	-55.31 dBm -55.57 dBm			0 Hz
6 7					
8					
9					
11				~	
MSG			STATUS		



TM 6 & ANT 1 & 2472

Reference





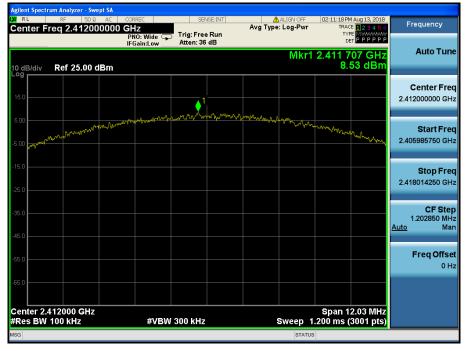
KIRL RF 5	0 Ω 🛕 DC 🛛 CORREC 📄	SENSE:INT	ALIGN OFF	03:37:42 PM Aug 13, 2018	_
Center Freq 15.00	4500 MHz PNO: Fast IFGain:Low	Trig: Free Run Atten: 26 dB	Avg Type: Log-Pwi	TRACE 123456 TYPE MWWWWWW DET PPPPP	Frequency
10 dB/div Ref 15.0		Atten: 20 dB		Mkr2 281.9 kHz -55.07 dBm	Auto Tune
- 09 5.00 - 5.00					Center Free 15.004500 MH
-25.0 -35.0 -45.0 +2				-32.35 dBm	Start Free 9.000 kH
65.0 65.0 75.0	arinetieninustrumertyseletus (Notice Mirriste	utertutytereneteringischeren	14 yelewa fan fan ingledwar de gen fan ingleder oante	and a state of the	Stop Free 30.000000 MH
Start 9 kHz #Res BW 100 kHz	#VE	3W 300 kHz	Sweep 5	Stop 30.00 MHz 5.333 ms (40001 pts)	CF Ste 2.999100 MH Auto Ma
MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 4 4 5	× 281.9 kHz 281.9 kHz	-55.07 dBm -55.07 dBm	FUNCTION FUNCTION WIDT	H FUNCTION VALUE	Freq Offse
6 7 8 9 10					
				>	
G			STAT	us 🚺 DC Coupled	

Agilent Spectrum Analyzer - Swe [X] RL RF 50 Ω Center Freq 5.01500	AC CORREC	SENSE:INT		ALIGN OFF	03:37:51 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 15.00 d	PNO: Fast G IFGain:Low	Trig: Free Run Atten: 26 dB		Mkr	түре Милини Det Р Р Р Р Р Р Р 5 6.350 48 GHz -46.39 dBm	Auto Tune
5.00 -5.00						Center Freq 5.015000000 GHz
-25.0	$2^2 \sqrt{3}$		5	↓	-32.35 dBm	Start Freq 30.000000 MHz
-55.0 						Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz		V 3.0 MHz			Stop 10.000 GHz 67 ms (40001 pts)	CF Step 997.000000 MHz Auto Man
MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 6 7 7 7	× 2.467 67 GHz 3.125 44 GHz 3.537 45 GHz 7.096 99 GHz 6.350 48 GHz	-6.03 dBm -45.78 dBm -46.36 dBm -46.38 dBm -46.39 dBm	FUNCTION FU	INCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz
8 9 10 11 ×		ш		STATUS	~	

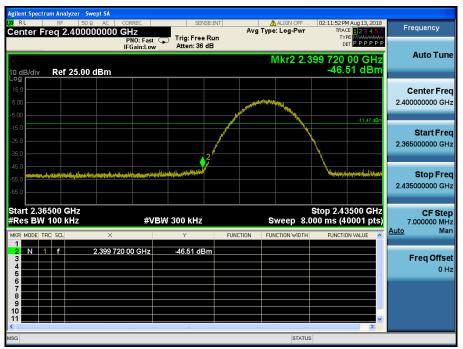


TM 1 & ANT 2 & 2412

Reference



Low Band-edge



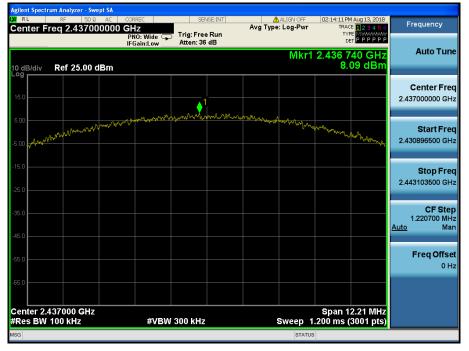
gilent Spectrum Analyzer - Swi RL RF 50 Ω	▲ DC CORREC	SENS		ALIGN OFF		Aug 13, 2018	
Center Freq 15.0045	500 MHz PNO: Fas	Trig: Free F	Avg Run	Type: Log-Pwr	TRAC	E 1 2 3 4 5 6 E MWWWWWW T P P P P P P	Frequency
10 dB/div Ref 25.00 d	IFGain:Lo	w Atten: 36 d	8	1	Mkr2 28		Auto Tune
-og 15.0 5.00							Center Fre 15.004500 MH
15.0 25.0 35.0						-11.47 dBm	Start Fre 9.000 kH
45.0	A Antonistican productive	haasahdhaasahdaayaan dhidhaaya kaya kaya kaya kaya kaya kaya kaya	orf.Jarristaliki,pini,pipinine	ann far den freskreisen beseizter och	aftere instantion for	arfeliken med ke	Stop Fre 30.000000 MH
start 9 kHz Res BW 100 kHz	#\	/BW 300 kHz		Sweep 5.3	Stop 30 333 ms (40		CF Ste 2.999100 M⊦
IKR MODE TRC SCL	× 281.9 kHz			FUNCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Ma
3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	281.9 kHz	-44.39 dBn					Freq Offse 0 ⊢
6 7 8 9							
10 11		ш				→	
SG				STATUS	DC Cou	nled	

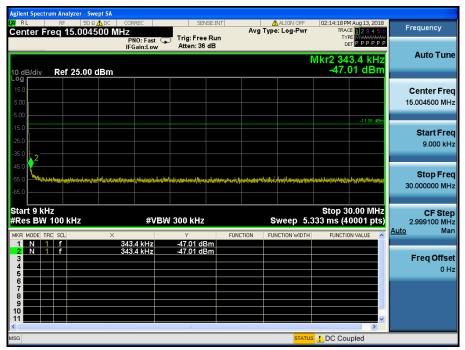
Agilent Spectrum Analyzer - Swe	ept SA				
	AC CORREC	SENSE:INT	ALIGN OFF	02:12:08 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.01500	PNO: Fast 🔾	⊃ Trig: Free Run Atten: 36 dB	Avg Type: Log-Pwr		
	IFGain:Low	Atten: 36 dB	Mice		Auto Tune
10 dB/div Ref 25.00 d	dBm		IVIKI	5 3.006 05 GHz -35.98 dBm	
Log 15.0	1				Center Freq
5.00					5.015000000 GHz
-5.00					0.0100000000112
-15.0				-11.47 dBm	
-25.0					Start Freq
-35.0	$\diamond^2 \diamond^5$		(∕∕⁴³		30.000000 MHz
-45.0	Streets will be the second streets		ومير الجاري ورويا المرأسي والمرور لورام والمراس المراسية والمراسية. ويستما عن مراسية المراسية والمحاول والمحافظة من من المراسية والمراسية المراسية والمراسية المراسية والمراسية الم		
-55.0					Stop Freq
-65.0					10.00000000 GHz
-65.0					
Start 30 MHz				Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 18	.67 ms (40001 pts)	997.000000 MHz
MKR MODE TRC SCL	×		FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f	2.411 58 GHz 2.646 13 GHz	14.76 dBm -35.86 dBm			
3 N 1 f	7.145 09 GHz 7.026 95 GHz	-35.94 dBm -35.95 dBm			Freq Offset
5 N 1 f	3.006 05 GHz	-35.98 dBm			0 Hz
6					
8					
10					
11				~	
MSG			STATUS		
				1	



TM 1 & ANT 2 & 2437

Reference





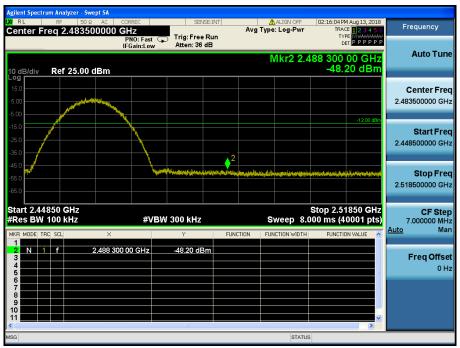
Agilent Spectrum Analyzer - !	Swept SA				
)Ω AC CORREC	SENSE:INT	🛕 ALIGN OFF	02:14:26 PM Aug 13, 2018	Frequency
Center Freq 5.015	000000 GHz PNO: Fast IFGain:Low	➡ Trig: Free Run Atten: 36 dB	Avg Type: Log-Pwr	TRACE 23456 TYPE MMMMMM DET PPPPP	
10 dB/div Ref 25.0	0 dBm		Mkr	5 6.385 13 GHz -36.54 dBm	Auto Tune
15.0 5.00 -5.00	1 				Center Frec 5.015000000 GHz
-15.0			2 4 5	-11.91 dBm	Start Free 30.000000 MHz
-45.0 -55.0 -65.0			deliki ana ing Nadalah dan kara kara kara na dalam aya dalam ya dalam ya dalam ya dalam ya dalam ya dalam ya d		Stop Fred 10.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Stej 997.000000 MH
MKR MODE TRC SCL	×		UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	2.437 51 GHz 5.585 03 GHz 9.428 47 GHz 5.931 49 GHz 6.385 13 GHz	14.30 dBm -35.69 dBm -36.19 dBm -36.42 dBm -36.54 dBm			Freq Offse 0 H
6 7 8 9 10					
11 11				×	
sg			STATUS		

Agilent Spectrum Analyzer - Swept SA					
LXI RF 50Ω AC	CORREC	SENSE:INT	ALIGNAUTO	02:13:48 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
		/ Free Run n: 30 dB	wg Type: Log-Pwr		
10 dB/div Ref 20.00 dBm			Mkr4 1	15.612 625 GHz -35.76 dBm	Auto Tune
10.0 0.00 -10.0					Center Freq 17.50000000 GHz
-20.0 -30.0 -40.0					Start Freq 10.000000000 GHz
-50.0					Stop Freq 25.00000000 GHz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 N	1Hz	Sweep 40	Stop 25.000 GHz .00 ms (40001 pts)	CF Step 1.50000000 GHz
MKR MODE TRC SCL X	71 875 GHz -31.6	FUNCTIO	N FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 21.38 3 N 1 f 19.04 4 N 1 f 15.67 5	38 000 GHz -34.4 44 250 GHz -35.1	6 dBm 8 dBm 6 dBm			Freq Offset 0 Hz
6 7 8 9 10					
11 (~	
MSG			I STATUS	3	

TM 1 & ANT 2 & 2462

Reference





RL RF	7 zer - Swept SA 50 ହ <u>ଲ</u> DC ସେ	ORREC	SENSE	INT:		ALIGN OFF		Aug 13, 2018	F
enter Freq 15		Z PNO:Fast ⊂ IFGain:Low	Trig: Free R Atten: 36 dt		Avg Type	≌: Log-Pwr	TRAC TYF DE	E 123456 E M WWWWW T P P P P P P	Frequency
10 dB/div Ref 2	25.00 dBm	Guineow					Mkr2 28 -43.0	7.9 kHz 05 dBm	Auto Tune
5.00									Center Fre 15.004500 MH
25.0 2								-12.00 dBm	Start Fre 9.000 k⊦
45.0 55.0	in a second s	ahteren saliture	natolia i hejereta marty da	r _{aler} iienijl _{ast} eli	ndfestnetoft des	Ann Ani Intan	ananikan a	- anthone theode	Stop Fre 30.000000 M⊦
tart 9 kHz Res BW 100 kl	Hz	#VB	W 300 kHz		s	weep 5.3			CF Ste 2.999100 MI
KK MODE TRC SCL 1 N 1 f 2 N 1 f 3 - - - 4 - - - 5 - - -		87.9 kHz 87.9 kHz	-43.05 dBm -43.05 dBm		ON FUN	NCTION WIDTH	FUNCTIO	IN VALUE	A <u>uto</u> Ma Freq Offso 0 H
6 7 8 9									
10								~	
			iiii					>	

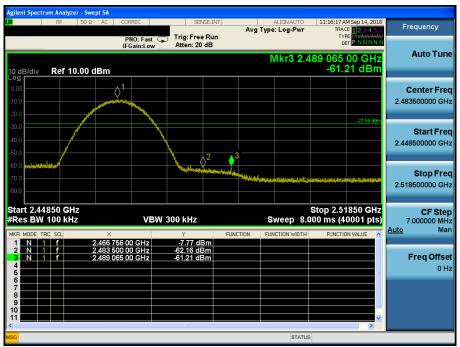
Agilent Spectrum Analyzer - Swej					
RL RF 50 Ω Center Freg 5.01500	AC CORREC 0000 GH7	SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	02:16:19 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast IFGain:Low	Trig: Free Run Atten: 36 dB			
			Mkr	5 5.422 03 GHz -36.16 dBm	Auto Tune
10 dB/div Ref 25.00 d	Bm A1			-30. TO UBIII	
15.0	Y'				Center Freq
-5.00					5.015000000 GHz
-15.0				-12.00 dBm	
-25.0	A2 A3	5		1	Start Freq 30.000000 MHz
-35.0	Q [*] Q [*]			A second state of the second st	
-45.0 alter the bit of the second second		A CONTRACTOR OF	ntalalitelite og annandet som det en stat gange och gifte blir og som andre blir.	n (). anna,	Stop Freq
-55.0					10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 18	Stop 10.000 GHz 8.67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	Х	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f	2.462 43 GHz 2.492 09 GHz	14.36 dBm -36.01 dBm			
3 N 1 f	3.237 60 GHz 7.796 13 GHz	-36.06 dBm -36.13 dBm			Freq Offset
5 N 1 f	5.422 03 GHz	-36.16 dBm		=	0 Hz
6					
8					
10					
<				>	
MSG			STATU	S	



TM 1 & ANT 2 & 2467

Reference





Agilent Spectrum Analyzer - Swept S					
LX/ RF 50 Ω 🧥 D	CORREC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	11:16:59 AM Sep 14, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🕞 IFGain:Low	Trig: Free Run Atten: 20 dB		TYPE MWWWWWW DET P N N N N N	
10 dB/div Ref 10.00 dBr	n			Mkr1 281.9 kHz -65.35 dBm	Auto Tune
-10.0					Center Frec 15.004500 MHz
-20.0				-27.59 dBm	
-40.0					Start Freq
-50.0					9.000 kHz
-60.0					Stop Free
-80.0	aryalanan Norsena, nadalang	lad history also white respectively done that of	stry of faith and the set of the	leeneyesethispoordrinaspirspoordrithispoorsiprinatel	30.000000 MH;
Start 9 kHz #Res BW 100 kHz	VBW	300 kHz	Sweep 5.3	Stop 30.00 MHz 333 ms (40001 pts)	CF Step 2.999100 MH
MKR MODE TRC SCL	× 281.9 kHz	Y F -65.35 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar
	201.3 KHZ	-00.00 40111			Freq Offset
5 6					
8					
10					
11 <				~	
WSG				DC Coupled	

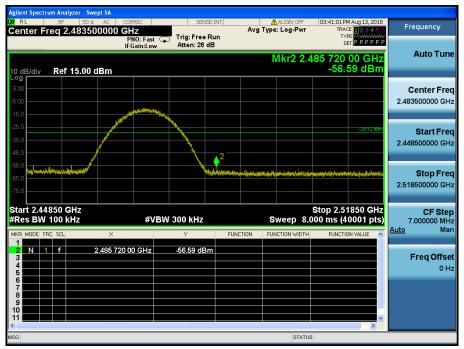
Avg Type: Log-Pwr Trace 2 2 3 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Agilent Spectrum Analyzer - Swe	pt SA				
PR0: Fast Tig: Free Run Atten: 20 dB MKr5 9.622 88 GHz O dB/div Ref 10.00 dBm O dB/div Ref 10.00 dBm O dB/div Ref 10.00 dBm O dB/div Ref 10.00 dBm Center Freq O dB O dB O dB O dB <th< td=""><td>LXI RF 50 Ω</td><td>AC CORREC</td><td>SENSE:INT</td><td></td><td></td><td>Frequency</td></th<>	LXI RF 50 Ω	AC CORREC	SENSE:INT			Frequency
MKR'S 9.622 88 GHz MKR'S 9.622 88 GHz Center Freq Center Freq Center Freq Center Freq Start Freq Start Freq Stop 10.000 GHz		PNO: Fast ⊂ IFGain:Low			TYPE MIMAAAAAAAA	
000 01 <t< td=""><td>10 dB/div Ref 10.00 d</td><td>IBm</td><td></td><td>Mkr</td><td></td><td>Auto Tune</td></t<>	10 dB/div Ref 10.00 d	IBm		Mkr		Auto Tune
30.0 40.0	-10.0					•
700 Stop Freq 800 Start 30 MHz Start 30 MHz VBW 3.0 MHz Start 30 MHz Stop 10.000 GHz Start 30 MHz VBW 3.0 MHz Sweep 18.67 ms (40001 pts) MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH 1 1 1 1 1 1	-40.0	3	 			
#Res BW 1.0 MHz VBW 3.0 MHz Sweep 18.67 ms (40001 pts) Page 200000 MHz MKR MODE TCC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Man 1 N 1 f 2.467 67 GHz -1.37 dBm Auto Man 1 N 1 f 2.467 67 GHz -5.57 dBm Auto Man 3 N 1 f 3.163 57 GHz -55.60 dBm Auto Hz 0 <	-70.0					
MRR MODE THE SEL X Y Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 N 1 f 2.457.67.GHz -1.37.dBm - <td< td=""><td>Start 30 MHz #Res BW 1.0 MHz</td><td>VBW</td><td>3.0 MHz</td><td>Sweep 18</td><td>Stop 10.000 GHz .67 ms (40001 pts)</td><td>997.000000 MHz</td></td<>	Start 30 MHz #Res BW 1.0 MHz	VBW	3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	997.000000 MHz
2 N 1 f 5.636 13 GHz -55.07 dBm 3 N 1 f 3.183 57 GHz -55.27 dBm -55.81 dBm - 4 N 1 f 7.452 91 GHz -55.80 dBm - 0 Hz 0 Hz <td< td=""><td></td><td></td><td></td><td>TUNCTION FUNCTION WIDTH</td><td>FUNCTION VALUE</td><td><u>Auto</u> Man</td></td<>				TUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
	2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	5.636 13 GHz 3.163 57 GHz 7.452 91 GHz	-55.07 dBm -55.28 dBm -55.60 dBm			•
	7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10					
ASG STATUS	MSG		00	STATUS		



TM 1 & ANT 2 & 2472

Reference





Center Freq 15.004500 MHz Trig: Free Run Atten: 26 dB Avg Type: Log-Pwr Trig: Breade Big 28 de State Sta	Agilent Spectr										
Center Pred 13.004500 Min2 Trig: Free Run Atten: 26 dB Trig: Free Run Atten: 26 dB Trig: Free Run Atten: 26 dB Auto Tune 10 dB/div Ref 15.00 dBm -54.73 dBm -54.73 dBm -54.73 dBm Center Freq 15.004500 MHz 500	LXI RL	RF	50 Ω <u>Å</u> DC	CORREC	SEN	SE:INT					Frequency
In dg/div Ref 15.00 dBm -54.73 dBm 500 -54.73 dBm 500 -54.73 dBm 500 -56.73 dBm 500 -56.73 dBm 500 -56.73 dBm 500 -57.73 dBm 500 -57.73 dBm 510 -57.73 dBm 520 -57.73 dBm	Center Fi	req 15.0	J04500 N	PNO: Fast			Avgiyp	e: Log-Pwr	TY	E M WAANAAAAAA	
500 5	10 dB/div	Ref 15	.00 dBm					[Auto Tune
360 2 300 3000000000000000000000000000000000000	5.00 -5.00										
650 Max and any with the structure of the str	-35.0 -45.0 2 —									-29.12 dBm	
#Res BW 100 kHz #VBW 300 kHz Sweep 5.333 ms (40001 pts) 2.999100 MHz MKR MODE TRC SCL X Y FUNCTION FUNCTION VIDTH	-65.0	anthapportantia	identellitesterie	يوني الأوريدية فالمعاور مع المعادية ا	าสูงใหม่รู้สำเหล่างกันเกราร์รูปหนึ่ง	utition and a second		Neisenetrissenskinds	lan hadden taast	adeenpeting attentioner	
MRR MODE THE SC. X Y FUNCTION WIDTH FUNCTION VALUE 2 N 1 f 2296.9 kHz 54.73 dBm 3 A 2 296.9 kHz 54.73 dBm 4 A 2 54.73 dBm 5 A 7 a 4 5 5 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				#VE	3W 300 kHz		s	weep 5.3	Stop 3 333 ms (4	0.00 MHz 0001 pts)	2.999100 MHz
3	1 N 1	f	×	296.9 kHz	-54.73 dB	m	CTION FU	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 4 5	f		296.9 kHz	-54.73 dB	.m				=	
	7 8 9										
	11										
	MSG		_			_		STATUS	DC Cou		

Agilent Spectrum Analyzer Switch X RL RF 50 Ω Center Freq 5.01500 50.01500 50.01500	AC CORREC	Trig: Free Run Atten: 26 dB	ALIGN OFF Avg Type: Log-Pwr	03:41:17PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P	Frequency
10 dB/div Ref 15.00			Mkr	5 6.932 98 GHz -46.24 dBm	Auto Tune
5.00 -5.00 -15.0	1				Center Freq 5.015000000 GHz
-25.0 -35.0 -45.0	() I CARLES IN A STATE OF THE			-29.7.2. dBm	Start Freq 30.000000 MHz
-55.0 (Hind New York and All All All All All All All All All Al			diskundikanska stanska stanska stanska katerova na matika Internet i se stanska s Internet i se stanska s		Stop Freq 10.00000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBV	/ 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz <u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 7	2.470 91 GHz 5.237 83 GHz 5.768 73 GHz 6.866 93 GHz 6.932 98 GHz	-3.07 dBm -45.84 dBm -45.92 dBm -46.17 dBm -46.24 dBm			Freq Offset 0 Hz
8 9 10 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1			STATUS	> <u></u>	



TM 2 & ANT 2 & 2412

Reference

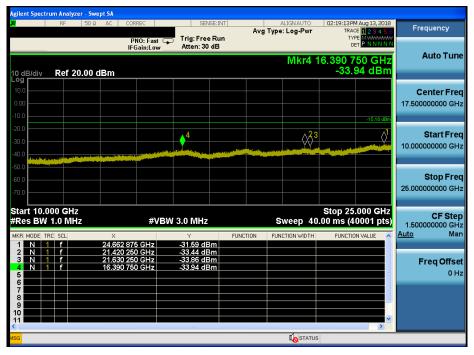


Low Band-edge



RL RF	r - Swept SA 50 Ω 🔥 DC	CORREC	SENS	INT	/	ALIGN OFF	02:19:04 PN	Aug 13, 2018	-
enter Freq 15.0	004500 MH	PNO: Fast C	Trig: Free F		Avg Type	: Log-Pwr	TRAC TYP	E 123456 E MWWWWW T P P P P P P	Frequency
0 dB/div Ref 25	.00 dBm	IFGain:Low	Atten: 36 d	В			Mkr2 28		Auto Tun
¢g 15.0									Center Fre 15.004500 MH
5.0 5.0 5.0 25.0								-15.18 dBm	Start Fre 9.000 k⊦
15.0	skafter ^{fil} den <mark>frem deserbielter</mark>	nynakaortantakana ana	haidheineoireadhaidheileanagadha	ana kapinta	holangingan magale	adaraat oo faad ahaa dha	erin antiko karingal	uminite teachtra	Stop Fre 30.000000 M⊦
tart 9 kHz Res BW 100 kHz	2	#VBI	W 300 kHz		s	weep 5.3			CF Ste 2.999100 MI
KR MODE TRC SCL	× 2	87.2 kHz 87.2 kHz	Y -45.96 dBn -45.96 dBn	n	TION FUN	ICTION WIDTH	FUNCTIO	IN VALUE	Auto Ma
3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		87.2 KHZ	-45.96 dBn						Freq Offs 0 F
6 7 8 9 0									
								~	
			111					>	

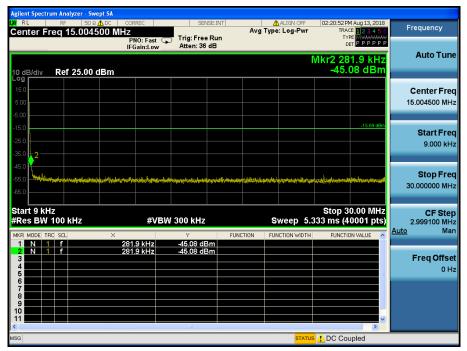
Agilent Spectrum Analyzer - Swe					
LXI RF 50 Ω	AC CORREC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	04:41:14 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🖵 IFGain:Low	Trig: Free Run Atten: 36 dB		TYPE MWWWWWWW DET PNNNNN	
10 dB/div Ref 25.00 c	dBm		Mkr	5 7.205 91 GHz -39.50 dBm	Auto Tune
Log 15.0 -5.00					Center Freq 5.015000000 GHz
-15.0 -25.0 -35.0	3	\$ ⁴ _\$ ²		-15.18 dBm	Start Freq 30.000000 MHz
-45.0			and denote the part of the later to and denote the part of the later to a set of the lat		Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	× 2.418 06 GHz	Y FUNC 12.62 dBm	TION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	5.788 42 GHz 3.193 23 GHz 5.302 39 GHz 7.205 91 GHz	-38.67 dBm -39.26 dBm -39.27 dBm -39.50 dBm		=	Freq Offset 0 Hz
6 7 8 9 10					
11				×	
MSG			to status		



TM 2 & ANT 2 & 2437

Reference





RL RF 50:	Ω AC CORREC	SENSE:INT	ALIGN OFF	02:21:01 PM Aug 13, 2018	
Center Freq 5.0150	000000 GHz PNO: Fast		Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWWW DET P P P P P P	Frequency
10 dB/div Ref 25.00	IFGain:Low	Atten: 36 dB	Mkr	5 9.235 05 GHz -36.42 dBm	Auto Tuno
-0g 15.0 5.00 5.00	¹				Center Free 5.015000000 GH:
15.0 25.0 35.0	al barrent and a state of the s			-15.69 dBm	Start Free 30.000000 MH:
45.0			handhald i an suidheachan an Alla ann an Aileanna an Aileanna Ann an Aileanna		Stop Fre 10.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBI	W 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Ste 997.000000 MH
MKR MODE TRC SCL	× 2.443 49 GHz	12.19 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	7.084 77 GHz 2.954 95 GHz 3.040 94 GHz 9.235 05 GHz	-35.09 dBm -35.97 dBm -36.29 dBm -36.42 dBm		=	Freq Offse 0 H
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
				×	
SG			STATUS		

RF SD 2 AC CORREC SENSE:INT ALISMAUTO D2:2002PM Aug 13, 2088 Frequency PNO: Fast	Agilent Spectr															
PNO: Fast IFGain:Low Trig: Free Run Atten: 30 dB Mkr4 16.549 750 GHz -35.96 dBm Auto Tune 10 dB/div Ref 20.00 dBm	<mark>,X</mark>	RF	50 Ω	AC	CORREC		SEN	ISE:INT		Avg			TRACE	12345	6	Frequency
Mkr4 16.549 750 GHz -35.96 dBm Auto Tune 10 dB/div Ref 20.00 dBm -35.96 dBm										-			TYPE DET	PNNN	J N	
10 gB/div Ref 20.00 dBm -35.96 dBm 10 gB/div Ref 20.00 dBm -35.96 dBm 10 gB/div Image: Start Start Freq 17.5000000 GHz 20 gB/div Image: Start Start Freq 10.0000000 GHz 20 gB/div Image: Start Start Start Start Freq 10.0000000 GHz 20 gB/div Image: Start					IFGain	LUW	Atten: 00	40			Mked	16.5				Auto Tune
100 1	10 dB/div	Ref	20.00 c	IBm												
000 1	_															Center Freg
200 -150000 300 -150000 300 -150000 400 -150000 400 -150000 500 -150000 500 -150000 500 -150000 500 -150000 500 -150000 600 -150000 700 -1500000 600 -1500000 700 -160000 700 -160000 700 -160000 700 -160000 700 -16000000000 700 -16000000000000000000000000000000000000	0.00															•
Start Start <th< td=""><td>-10.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-15.69 dB</td><td>Эm</td><td></td></th<>	-10.0													-15.69 dB	Эm	
Stor CF Stop Stop CF Stop Stop<							. 1			3		۸2		1		Start Freq
200 2										situation -	l	Ŷ.	and the second	Y		10.00000000 GHz
600	and particular free		Second and a second													
700																Stop Freq
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 40.00 ms (40001 pts) CF Step 1.50000000 GHz MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Man 1 N 1 f 24.998 625 GHz -30.83 dBm Auto Auto Man 2 N 1 f 21.920 500 GHz -34.30 dBm Freq Offset O Hz -34.30 dBm Auto Auto Auto Man Auto Auto <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>25.00000000 GHz</td></td<>																25.00000000 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 40.00 ms (40001 pts) CF Step 1.50000000 GHz MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Man 1 N 1 f 24.998 625 GHz -30.83 dBm Auto Auto Man 2 N 1 f 21.920 500 GHz -34.30 dBm Freq Offset O Hz -34.30 dBm Auto Auto Auto Man Auto Auto <td< td=""><td></td><td></td><td>1-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>04-</td><td>- 25 0</td><td></td><td></td><td></td></td<>			1-									04-	- 25 0			
I N I f 24.198<625 GHz 30.83 dBm 100ch01 victor						#VBW	3.0 MHz				Sweep 4	510 10.00 n	p 25.u ns (40	00 GH 001 pt	z s)	
2 N 1 f 21220 500 GHz 34.30 dBm 3 N 1 f 18971 125 GHz 34.84 dBm Freq Offset 4 N 1 f 18971 125 GHz -34.84 dBm OHz 5 - - - - OHz 6 - - - - 0Hz 9 - - - - - 0Hz		IC SCL							FUNCT	ION	FUNCTION WIDT	H F	UNCTION	VALUE	^	
4 N 1 f 16.549 750 GHz .35.96 dBm 0 0 0 Hz Hz Hz		f														
5 0 0 0 Hz 6 0 0 0 0 0 0 0 0 Hz 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Hz 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		f														•
															=	0 Hz
	7															
	9															
							111								•	
MSG STATUS	MSG		_								I o STAT	US				

TM 2 & ANT 2 & 2462

Reference





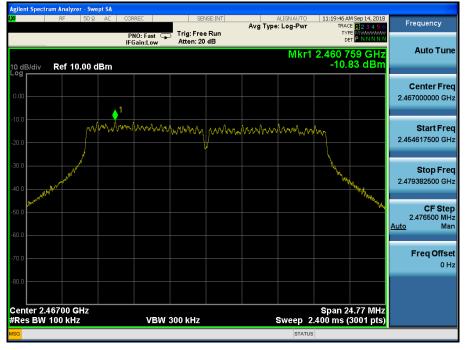
Agilent Spectr											
Center Fr	RF reg 15.	50 Ω <u>/</u>		DRREC		NSE:INT		ALIGN OFF	TRAC	4 Aug 13, 2018 E 1 2 3 4 5 6	Frequency
				PNO: Fast FGain:Low	Trig: Fre Atten: 36				TYI DI	E MWWWWWW P P P P P P	
				Gamee					Vlkr2 28		Auto Tune
10 dB/div Log	Ref 2	5.00 d	Bm					_	-45.	64 dBm	
15.0											Center Freq
5.00											15.004500 MHz
-5.00											
-15.0										-15.18 dBm	Start Freq
-25.0											9.000 kHz
-35.0											0.000 1.12
-45.0											
-55.0	hine and the states	المواليها ويداهيه	and the second second		and the second second	and the second		and the state of the	Augura ang alagad	and the second second	Stop Freq 30.000000 MHz
-65.0											30.000000 WHZ
Start 9 kH	7								Stop 3	0.00 MHz	05.04.0
#Res BW		z		#VB	W 300 kHz		:	Sweep 5.3	333 ms (4	0001 pts)	CF Step 2.999100 MHz
MKR MODE TH	RC SCL		×		Y	FUN	CTION F	UNCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
1 N 1 2 N 1	f			8.7 kHz 8.7 kHz	-45.64 dl -45.64 dl	3m					
3			20	0.7 KHZ	40.04 0	5111					Freq Offset
4 5										=	0 Hz
6											
8											
10											
11 <					111					>	
MSG								STATUS	DC Cou	upled	

Agilent Spectrum Analyzer - Swep	t SA AC CORREC	SENSE: INT		ALIGN OFF	02:23:02 PM Aug 13, 2018	
Center Freq 5.015000				Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency
10 dB/div Ref 25.00 dl				Mkr	5 3.216 41 GHz -36.43 dBm	Auto Tune
15.0 5.00	1					Center Freq 5.015000000 GHz
-15.0 -25.0 -35.0	×3,5			a chard at 3 and 10 Med in our of Approxim		Start Freq 30.000000 MHz
-45.0 -55.0 -65.0						Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBV	/ 3.0 MHz	FUNCTION	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz <u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 6	2.459 94 GHz 5.793 91 GHz 2.980 87 GHz 3.117 46 GHz 3.216 41 GHz	11.38 dBm -35.89 dBm -36.21 dBm -36.32 dBm -36.43 dBm				Freq Offset 0 Hz
7 8 9 10 11 ×		ill				
MSG				STATUS		



TM 2 & ANT 2 & 2467

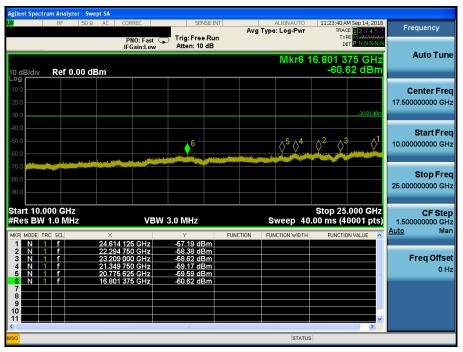
Reference





RF	50 Ω 🧥 DC	CORREC	SENS	E:INT	ALIGNAUTO	11:21:19 AM Sep 14	4 2018	_
Tu	50 a 24 DC	PNO: Fast		Av	g Type: Log-Pwr	TRACE 123 TYPE MWM DET P N	Frequen	су
dB/div Ref 10	0.00 dBm					Mkr1 282.7 I -65.32 d		Tun
0 g 1.00 0.0 0.0							Cente 15.00450	
0.0						-301	S3 dBm Star 9.00	tFre 00 k⊦
	hardest filmer of the hard of the film	Madan Angel	klaser, typ president friender	alerter and all the state of the	กระจะประชาติกระประกัน		Stop 30.00000	
0.0							30.0000	
tart 9 kHz	z	VBV	V 300 kHz			Stop 30.00 333 ms (40001	MHz CF pts) 2.99910	Ste
0.0 tart 9 kHz Res BW 100 kH R MODE TRC SCL 1 N 1 f	X	VBV 282.7 kHz	V 300 kHz Y -65.32 dBr	FUNCTION		Stop 30.00 I	MHz CF pts) 2.99910	Ste
0.0 Image: Constraint of the sector of the sec	X		Y	FUNCTION	Sweep 5.	Stop 30.00 l 333 ms (40001	MHz CF pts) 2.99910	F Ste DO MI Ma
tart 9 KHz Res BW 100 KH KR MODE TRC SCL 1 N 1 F 3 4 5 5 6 6 7 7 7 7 7 7	X		Y	FUNCTION	Sweep 5.	Stop 30.00 l 333 ms (40001	MHz pts) Auto	F Ste DO MH Ma
ant 9 KHz Res BW 100 KH KR MODEL TRC SCL 1 N 1 F 3 3 4 5 5 5 6 6 7 8 8 6 7	X		Y	FUNCTION	Sweep 5.	Stop 30.00 l 333 ms (40001	MHz pts) Auto	F Ste DO MH Ma

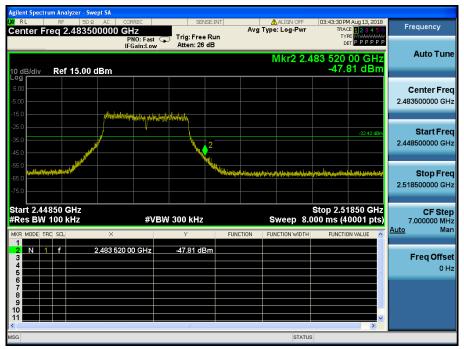
Agilent Spectrum Analyzer - Swe	pt SA				
LXI RF 50 Ω	AC CORREC	SENSE:INT	ALIGNAUTO	11:22:47 AM Sep 14, 2018	Frequency
	PNO: Fast 🔾	Trig: Free Run	Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWWW	rioquonoy
	IFGain:Low	Atten: 20 dB		DET PNNNN	
			Mkr	7 4.885 64 GHz	Auto Tune
10 dB/div Ref 10.00 d	IBm			-55.67 dBm	
	0 1				Contor From
	Y				Center Freq
-10.0					5.015000000 GHz
-20.0					
-30.0				-30.83 dBm	Start Freq
-40.0					30.000000 MHz
-50.0	546	7	2		30.000000 WHZ
-60.0				والمسطقان والمتعقل والسروية والطلا	
And a statistic statistic second statistics					Stop Freq
-70.0					10.00000000 GHz
-80.0					
Start 30 MHz				Stop 10.000 GHz	
#Res BW 1.0 MHz	VBW :	3.0 MHz	Sweep 18	.67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	×		ICTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f	2.462 68 GHz	-2.92 dBm			
2 N 1 f 3 N 1 f	5.862 20 GHz 7.523 70 GHz	-54.35 dBm -55.12 dBm			Freq Offset
4 N 1 f	3.186 50 GHz	-55.37 dBm			0 Hz
5 N 1 f 6 N 1 f	2.842 29 GHz 3.729 62 GHz	-55.41 dBm -55.57 dBm		=======================================	
7 N 1 f	4.885 64 GHz	-55.67 dBm			
8					
10					
11				~	
MSG			STATUS	,	
mod			STATUS		



TM 2 & ANT 2 & 2472

Reference





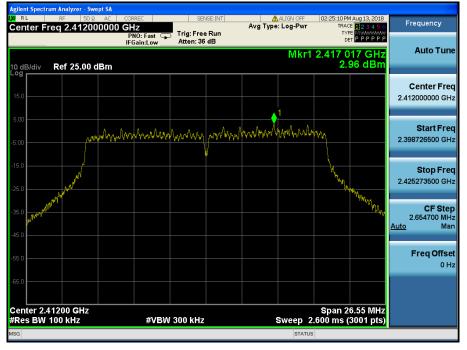
gilent Spectrum Analyzer - Sw							
rter Freq 15.004		SENSE:IA	Avg	ALIGN OFF Type: Log-Pwr	03:43:37 PM TRACE	Aug 13, 2018	Frequency
	PNO: Fast IFGain:Low	Trig: Free Run Atten: 26 dB	1		DE	PPPPP	
10 dB/div Ref 15.00	dBm				Vikr2 280 -53.4	6.4 kHz 4 dBm	Auto Tune
-5.00							Center Fre 15.004500 MH
25.0 35.0 45.0 2						-32.42 dBm	Start Free 9.000 kH
65.0 65.0 75.0	en festerstellet i for _{in pros} ett _{er} stelste sopratie)	ana pana na	193 y danisi ki sesaan adari waadi.	delinited from the second state	data an	R taliya san nalanin	Stop Fre 30.000000 MH
start 9 kHz Res BW 100 kHz	#VI	3W 300 kHz		Sweep 5.3	Stop 30 33 ms (40		CF Ste 2.999100 M⊦
IKR MODE TRC SCL	× 286.4 kHz	۲ -53.44 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	N VALUE	<u>Auto</u> Ma
2 N 1 f 3 4 5	286.4 kHz	-53.44 dBm					Freq Offse 0 H
6 7 8 9							
10 11						~	
C						>	

Agilent Spectrum Analyzer - Swept					
LXIRL RF 50Ω		SENSE:INT	ALIGN OFF	03:43:46 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.015000	PNO: Fast IFGain:Low	Trig: Free Run Atten: 26 dB	Avg Type. Log-rwi	TYPE MWWWWW DET PPPPP	
10 dB/div Ref 15.00 dB	Sm		Mkr	5 5.283 69 GHz -46.08 dBm	Auto Tune
5.00 -5.00 -15.0	↓1				Center Freq 5.015000000 GHz
-25.0 -35.0 -45.0	× ²		An a la theorem is an a star of the star	-32.42 dBm	Start Freq 30.000000 MHz
-55.0		and the second secon	n fa tha ann an an an an an an ann an ann an an	الله الم المحمد (المحمد (ر ب المحمد)) من المحمد (المحمد)) من المحمد (المحمد)) من المحمد (المحمد) من المحم المحمد (المحمد (الم	Stop Freq 10.00000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	× 2.468 16 GHz	Y FUNC	TION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 6	3.280 97 GHz 3.118 46 GHz 5.798 14 GHz 5.283 69 GHz	-45.90 dBm -45.93 dBm -46.04 dBm -46.08 dBm			Freq Offset 0 Hz
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
11				>	
MSG			STATUS		



TM 3 & ANT 2 & 2412

Reference



Low Band-edge

