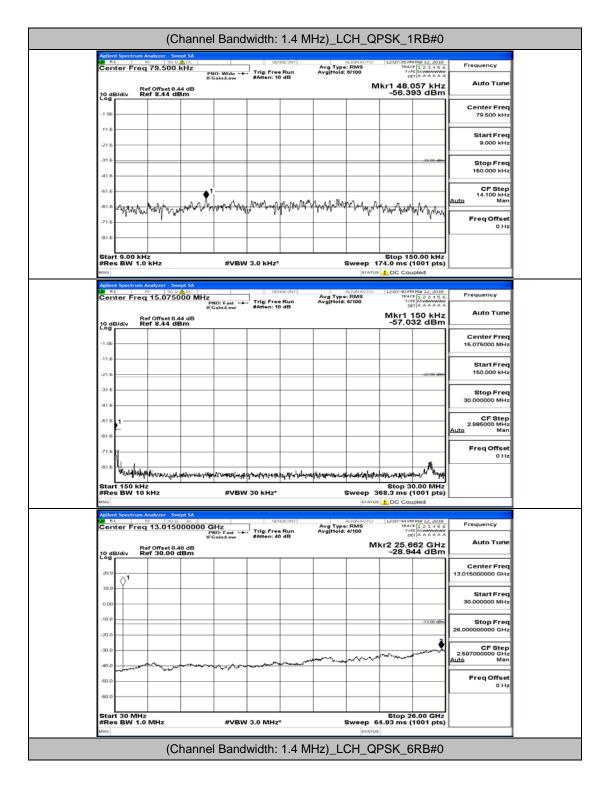
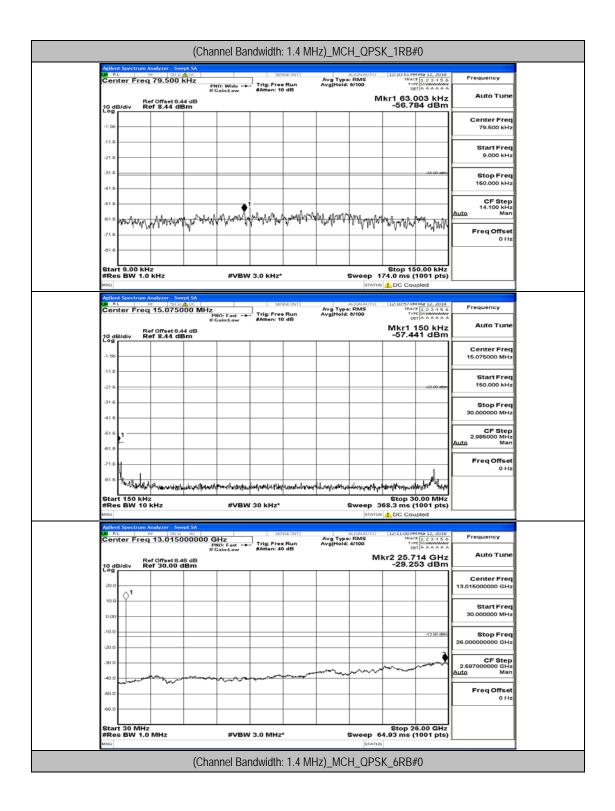
D.5: Conducted Spurious Emission

Test Graphs

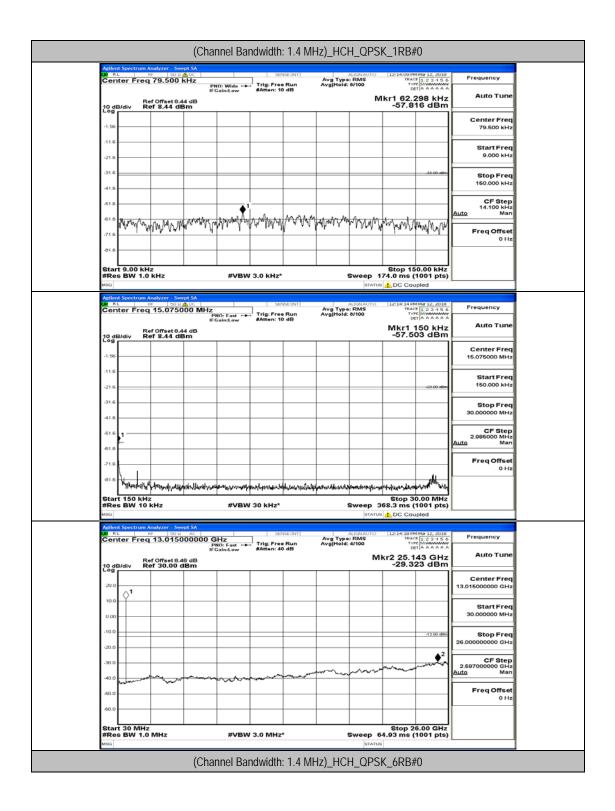
Channel Bandwidth: 1.4 MHz



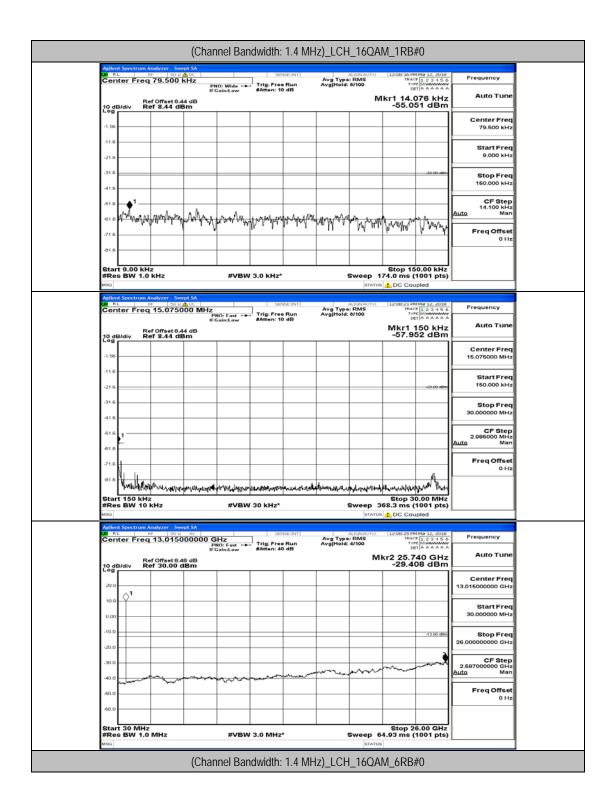
Agilent Spectrum Analyzer - 1	Summet SA							
Center Freq 79.50			ENSEINT	Ava Type		12:10:19 PN	Mar 12, 2018	Frequency
Center Freq 79.50	PNO: W	Aide Trig: Fre	ee Run 10 dB	Avg Type Avg Hold	8/100	12:10:19 PM TRAC TYP DE		
10 dB/div Ref 8.44						Mkr1 9.9	987 kHz 08 dBm	Auto Tune
10 dB/div Ref 8.44								Contra From
-1.56								Center Freq 79.500 kHz
-11.6								
-21.6								Start Freq 9.000 kHz
-31.6			-				-33.00 48m	Stop Freq 150.000 kHz
-41.6								160.000 kH2
-51.6								CF Step 14.100 kHz
-61.6								<u>Auto</u> Man
-71.6 MMM AM	1							Freq Offset
ALL ALL AND	in the formation	Maria hay be me	n www.	y w www	March-And	ANN MINYAW	WY W WAY	0 Hz
-81.6								
Start 9.00 kHz						Stop 15	0.00 kHz	
#Res BW 1.0 kHz	1	#VBW 3.0 kHz	*			174.0 ms (DC Cou		
Agilent Spectrum Analyzer - 1	Swoot SA					-		
Center Freq 15.07		9	ENSE:INT	Avg Type Avg Hold	RMS	12:10:25 PM TRAC TVF DE	1Mar 12, 2018 F 1 2 3 4 5 6	Frequency
	PNO: F IFGain:I	ast Trig: Fre Low #Atten:	ee Run 10 dB	Avg Hold	8/100			
10 dB/div Ref 8.44	8.44 dB dBm					Mkr1 56.44	538 kHz 46 dBm	Auto Tune
Log								Center Freq
-1.56			-					15.075000 MHz
-11.6								
-21.6							-23.00 dBm	Start Freq 150.000 kHz
-31.6								
								Stop Freq 30.000000 MHz
-41.6								
-51.6					<u> </u>			CF Step 2.985000 MHz
-61.6								<u>Auto</u> Man
-71.6								Freq Offset
-81.6							M.	0 Hz
-ST.O Whythere and	of the offer of the state of th	enderse privile and have	-	and the second	B-Roy-hy		- offer a line for	
Start 150 kHz #Res BW 10 kHz		#VBW 30 kHz				Stop 3 368.3 ms (0.00 MHz	
MSG		FARM 20 KHZ				s 1 DC Cou		
Agilent Spectrum Analyzer - 1	Swept SA							
Center Freq 13.01	5000000 GHz		ensesint	Avg Type Avg Hold	RMS	12:10:20 PM TRAC TVP DE	Mar 12, 2018 f 1 2 3 4 5 6 c Mutana	Frequency
		ast Trig: Fre Low #Atten:	40 dB			™ kr2 25.7		
10 dB/div Ref 30.00	8.48 dB 0 dBm				141	-29.0	14 GH2 80 dBm	
								Center Freq
20.0								13.015000000 GHz
10.0			+					Start Freq
0.00								30.000000 MHz
-10.0							-13.00 dBm	Stop From
-20.0							113.00 004	Stop Freq 26.00000000 GHz
							3	05.0100
-30.0		_			ann	mun	- And the second	CF Step 2.697000000 GHz Auto Man
-40.0 manana and the man		And and and a second	- Andrew Contraction					
-60.0								Freq Offset 0 Hz
-60.0								
						Stop 2	6.00 GHz	
Start 30 MHz #Res BW 1.0 MHz		#VBW 3.0 MH	z*		Sweep 6	64.93 ms (1001 pts)	



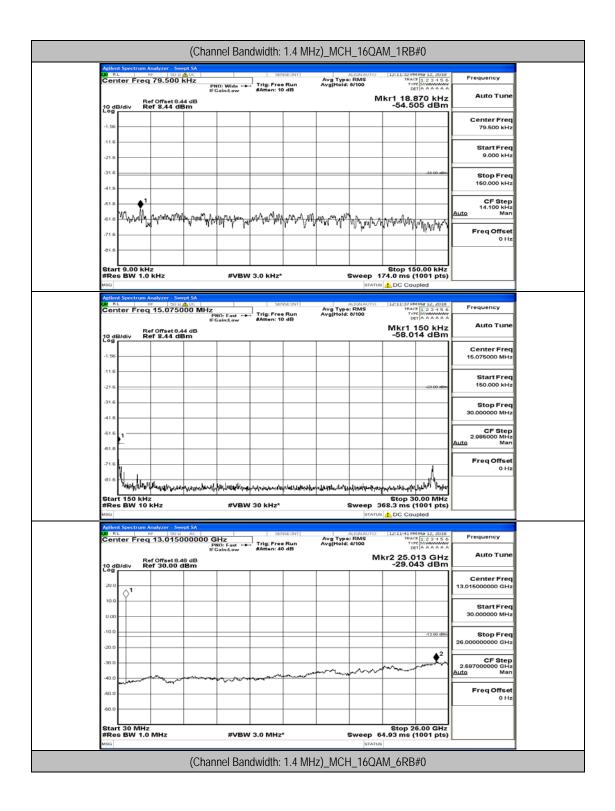
Adilant Spactrum Analyzar - Swapt	5A				
Agilent Spectrum Analyzer - Swept	DC	SUNSUINT	ALIGNAUTO	12:13:35 PM Mar 12, 2010 TRACE 1 2.2.4.5.6	Frequency
Center Freq 79.500 kr	PNO: Wide	Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg Hold: 8/100	12:13:35 PM M& 12, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	<u> </u>
Ref Offset 8.44 10 dB/div Ref 8.44 dBn				Mkr1 10.410 kHz	
10 dB/div Ref 8.44 dBn	<u>n</u>			-64.561 dBm	
1.00					Center Freq
-1.50					79.500 kHz
-11.6					Start Freq
-21.6					9.000 kHz
-31.6					
-31.6				.93.00 dbm	Stop Freq 150.000 kHz
-41.6					100.000 kHz
-51.6					CF Step 14.100 kHz
-61.6					Auto Man
					Freq Offset
-71.6	Many Mary Mary	Monderwood	Mar Marine Contraction	appender Maria	0 Hz
-81.6	· · · ·	11.1 10.001	. A division	find adv.	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW	3.0 kHz*	Sweep	Stop 150.00 kHz 174.0 ms (1001 pts)	
MSG				us LDC Coupled	· · · · ·
Agilent Spectrum Analyzer - Swept	SA				
Center Freq 15.07500	0 MHz	SUNSUINT	Avg Type: RMS Avg[Hold: 8/100	12:13:40 PM MB 12, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	Frequency
	PNO: Fast	#Atten: 10 dB	Avgineia: enio		
10 dB/div Ref 0ffset 8.44 Ref 8.44 dBn	dB			Mkr1 538 kHz -53.471 dBm	
10 dB/div Ref 8.44 dBn					Center Freq
-1.56					15.075000 MHz
.11.6					
					Start Freq
-21.6				-23.00 dBm	150.000 kHz
-31.6					Stop Freq
-41.6					30.000000 MHz
A1.0					
-51.6					CF Step 2.985000 MHz
-61.6					<u>Auto</u> Man
-71.6					Freq Offset
					0 Hz
-81.6	and the local shared discounds	Anna Latela constal dense latera sur	bornets werden interface	applanter maleurinessing the series	
Start 150 kHz				Stop 30.00 MHz	
#Res BW 10 kHz	#VBW	30 kHz*		368.3 ms (1001 pts)	
			3141	DC Coupled	
Agilent Spectrum Analyzer - Swept	AC	SUNSUINT	ALIGNAUTO	12:13:44 PM Mar 12, 2018	Frequency
Center Freq 13.01500	PNO: Fast	Trig: Free Run #Atten: 40 dB	Avg Type: RMS Avg Hold: 4/100	12:13:44 PM M& 12, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	
10 dB/div Ref 30.00 dB				/kr2 25.662 GHz -29.297 dBm	
10 dB/div Ref 30.00 dB	m			-29.297 dBm	
20.0					Center Freq 13.015000000 GHz
1					13.015000000 GHz
10.0			+ + +		Start Freq
0.00					30.000000 MHz
-10.0					
				-13.00 dBm	Stop Freq 26.00000000 GHz
-20.0			+	2	
-30.0					CF Step 2.697000000 GHz
-40.0		man	-	- manual and a second	Auto Man
when we					En a Official
-50.0					Freq Offset 0 Hz
-60.0					
Start 30 MHz				Stop 26.00 GHz	
#Res BW 1.0 MHz	#VRW	3.0 MHz*	Sween	64.93 ms (1001 pts)	



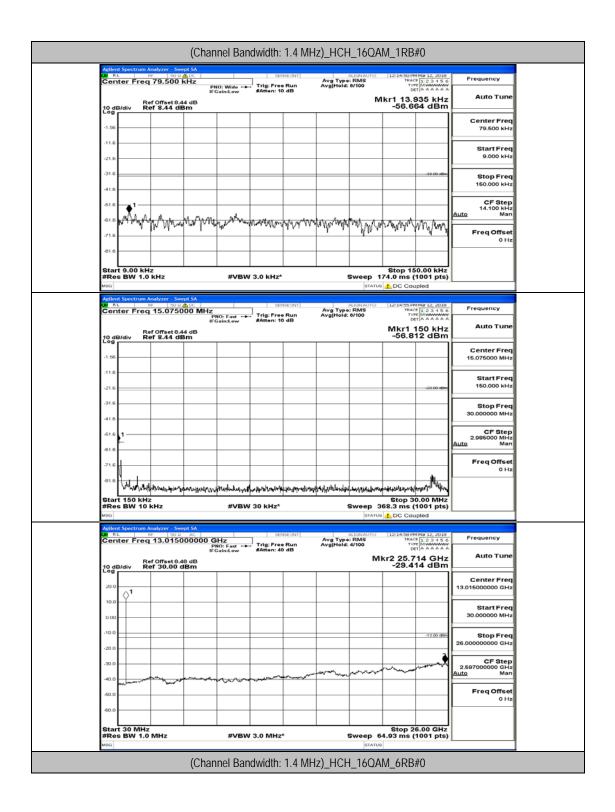
Alled Section Analyzer, Sweet SA Control Freq 15,07000 MHz Start 150 HHz Ref Offret 0,44 dB Center Freq 10 10 10 10 10 10 10 10 10 10
Ref of mail 5.44 dB Mkr1 10, 128 kHz 1.6 -1.898 dBm 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.6 -1.9 1.7 -1.9 1.8 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9 1.9 -1.9
Log
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d1.0 Auto Man 71.6 Man Freq Offset 01.0 Man Man Start 9.00 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts) Man Man Man Center Freq 15.075000 MHz Man Auto Tune 10 dB/dlv Ref Offset 0.44 dB Man Auto Tune 11.0 Man Man Start Freq Auto Tune 11.0 Man Man Start Freq Auto Tune 11.0 Man Man Man Man Auto Tune 11.0 Man Man Man Man Auto Tune 11.0 Man Man Man Man Auto Tune 10 dB/dlv Ref Offset 0.44 dB Man Man Auto Tune 11.0 Man
71.8 MMM M M M M M M M M M M M M M M M M M
110
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts) uso status DC Coupled center Freq 15.075000 MHz status Autonov Lizibour HMM 12, 2018 Center Freq 15.075000 MHz status Autonov Lizibour HMM 12, 2018 10 dB/div Ref Offset 0.44 dB Mkr1 180 kHz Autonov Lizibour HMM 12, 2018 10 dB/div Ref Offset 0.44 dB Mkr1 180 kHz Center Freq 15.075000 MHz Status Status Status Autonov Lizibour HMM 12, 2018 Frequency 10 dB/div Ref Offset 0.44 dB Mkr1 180 kHz Autonov Lizibour HMz Lizibour HMz Autonov 11.6
Agtent Souctrum Analyzer Swept SA Sector Souctrum Analyzer Swept SA Sector Souctrum Analyzer Swept SA PL PP Souctrum Analyzer Swept SA Augustation Lizibility (Lizibility
Ref Offset 6.44 dB "-59.445 dBm 100 Ref 8.44 dBm -59.445 dBm 110
Ref Offset 6.44 dB "-59.445 dBm 100 Ref 8.44 dBm -59.445 dBm 110
1.56 Center Freq 15.075000 MHz 31.6 Start Freq 15.07500 MHz 31.6 Start Start Freq 15.07500 MHz 31.6 Start Start Freq 15.07500 MHz 31.6 Start Start Freq 15.07500
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31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 <td< td=""></td<>
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Start 150 kHz Stop 30.00 MHz #Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts)
MSG STATUS A DC Coupled
Agtient Spectrum Analyzer - Swept SA At the Book Agtient Spectrum Analyzer - Swept SA Center Freq 13.015500000 GHz Trig: Free Run Avg Tradic 4/100 Tert Area Ra A
Center Freq 13.015000000 GHz PIO: Fast +
Log Center Freq
13.01500000 GH2
0.00 30.000000 MHz
0.00
0.00 30.000000 MHz .100 .1300 at .200 .1300 at .300 .1300 at .100
0.00 30.000000 MHz .100 .1300 dB .200 .1300 dB .300 .1300 dB .400 .1300 dB
0.00 30.000000 MHz 100 30.000000 MHz 200 30.000000 GHz 30.0 30.000000 GHz 40.0 30.00000 GHz 40.0 50.000000 GHz 40.0 50.000000 GHz 40.0 50.000000 GHz 40.0 50.000000 GHz 50.0 50.000000 GHz

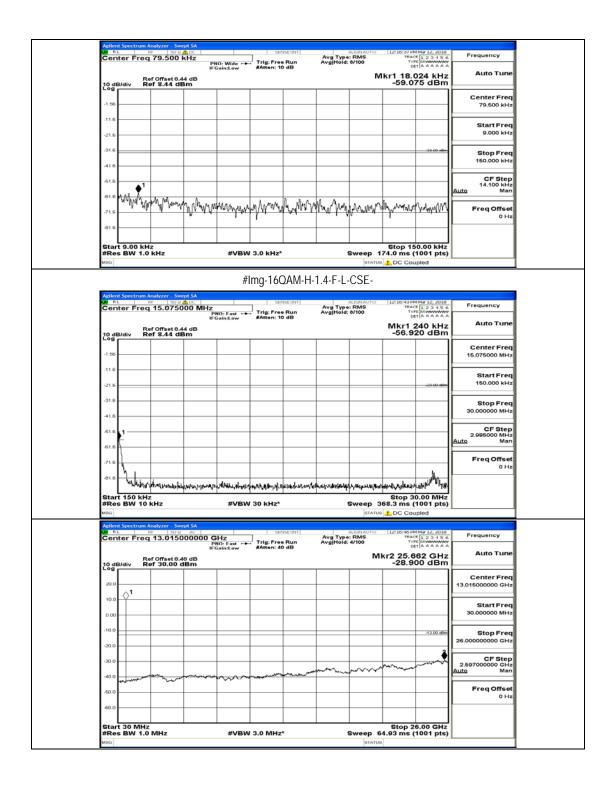


Adilant Spectrum And	aberor - Sumo	4 CA								
Agilent Spectrum Ana	50 9 🗥	DC		SU	NREINT]		ALIGNAUTO	12:10:35 Pt	4 Mar 12, 2018	Frequency
Center Freq 7	79.500 kl	Hz Pi	iO: Wide 🔸 Sain:Low	Trig: Fre	e Run	Avg Type Avg[Hold:	8/100	12:10:35 PM TRAC TVI D	* 123456 * MWWWWW	- Trequency
			iain:Low	#Atten: 1	0 dB			Mkr1 9.4		
10 dB/div Ref	Offset 8.44	dB m						-60.7	91 dBm	
Log										
-1.56										Center Freq 79,500 kHz
-11.6										Start Freq
-21.6										9.000 kHz
-31.6									-33.00 484	Stop Freq
-41.6										150.000 kHz
-51.6										CF Step 14.100 kHz
-61.6										<u>Auto</u> Man
V- HAMMAN	Arring	A 16 10 De		1.04				A	A.1	Eron Official
-71.6	sherther the	ተለትፋሎጋ	r faller stea	W W V	WALINA	howthew	We had the	ᢔᡗ᠈ᡧᠵ᠈ᠰ	n ^M h _{un} nt	Freq Offset 0 Hz
-81.6			'		Ϋ́Υ	11 · · ·			'	
01.0										
Start 9.00 kHz								Stop 15	0.00 kHz	
#Res BW 1.0 k	κHz		#VBW	3.0 kHz*	1			74.0 ms (1001 pts)	
MSG							STATUS	DC Cou	pled	
Agilent Spectrum Ana	alyzer - Swep	t SA								
Center Freq 1	15.07500	0 MHz		50	NEREINT	Avg Type	RMS	12:10:41 PM TRAC TVI D	* 1 2 3 4 5 6	Frequency
		PI	io: Fast	#Atten: 1	0 dB	Avginoid:	8/100			
Ref	Offset 8.44 f 8.44 dBr	dB						Mkr1	538 kHz	Auto Tune
10 dB/div Ref	/ 8.44 dBr	m						-57.3	53 dBm	
										Center Freq
-1.56										15.075000 MHz
-11.6										
										Start Freq
-21.6									-23.00 dBm	150.000 kHz
-31.6										
-31.0										Stop Freq 30.000000 MHz
-41.6										30.00000 MH2
-51.6 - 1										CF Step
-s1.° ∳1										CF Step 2.986000 MHz Auto Man
-61.6										
-71.6										Freq Offset
-71.0									1	0 Hz
-81.6										
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Start 150 kHz #Res BW 10 kH				30 kHz*				Stop 3 68.3 ms (0.00 WHZ	
MSG	H 2		#780	30 KH2"				DC Cou		
								T	pied	
Agilent Spectrum Ana				SU	NELINT		ALIGNAUTO	12:10:44 Pf	4 Mar 12, 2018	Frequency
Center Freq 1	13.01500	00000 G	Hz	Trig: Fre	e Run	Avg Type Avg Hold:	: RMS 4/100	12:10:44 PM TRAC TVI D	* 1 2 3 4 5 6 C MWWWW	Frequency
			ain:Low	#Atten: 4	0 dB					
10 dB/div Ref	Offset 8.48 7 30.00 dE	dB					IVI	kr2 25.0 -28.8	74 dBm	
Log	30.00 QL							1		
20.0										Center Freq 13.015000000 GHz
										13,01500000 GH2
10.0										Start Freq
0.00										30.000000 MHz
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-10.0									-13.00 dBm	Stop Freq
										26.00000000 GHz
-20.0									∮ ² .	
										CF Step 2.697000000 GHz
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		Warner Mar	som.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man					
-30.0	the work									
-40.0	the water		-							Freq Offset
	- And									Freq Offset 0 Hz
-40.0										Freq Offset 0 Hz
-40.0										Freq Offset 0 Hz
-40.0	ант		#VB14	3.0 MH-	*		Sween 6	Stop 2	6.00 GHz	Freq Offset 0 Hz
-40.0	лHz		#VBW	3.0 MHz	*		Sweep 6	4.93 ms (6.00 GHz 1001 pts)	Freq Offset 0 Hz

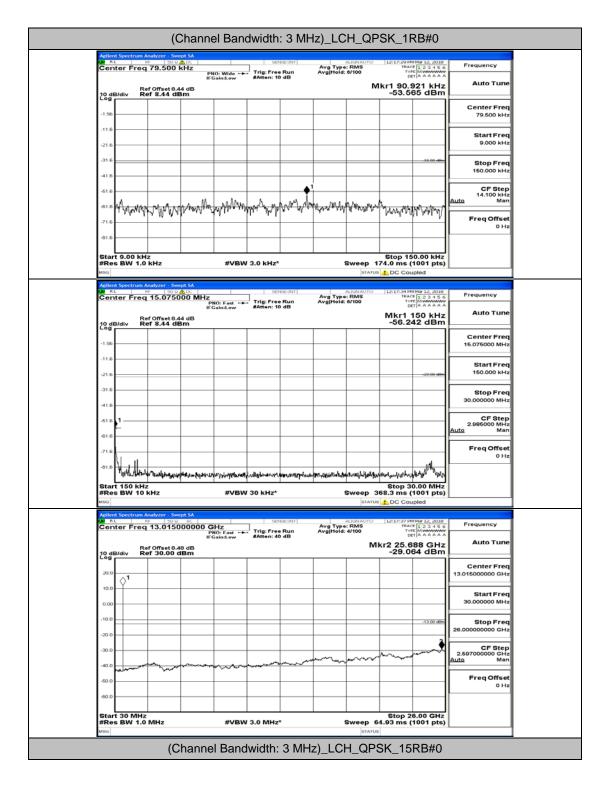


Agilent Spectrum Analyzer - S OR R.L RF 50									
Contox Eres 70 E0			1	VSEINT	Ava Type		12:13:51 PN	Mar 12, 2018	Frequency
Center Freq 79.500	J KHZ	0: Wide -+	Trig: Free	Run	Avg Type Avg[Hold:	8/100	TYP	Mar 12, 2018 1 2 3 4 5 6 MMMMMM A A A A A A	
Deforment		sin:Low	BAtten: 10	, db			Mkr1 9.0		Auto Tune
10 dB/div Ref 8.44	dBm						-61.2	53 dBm	
									Center Freq
-1.56	+								79.500 kHz
-11.6								——————————————————————————————————————	
									Start Freq 9,000 kHz
-21.6									
-31.6	+							-22 00 -89-6	Stop Freq
-41.6									150.000 kHz
									CE Stor
-51.6	+ +								CF Step 14.100 kHz Auto Man
61.6	+ +							——————————————————————————————————————	Auto Man
716 My Walky Martin	- Marting	her mar	1 Auns	mr.mar	arm	mr. and	Marriet	den ho	Freq Offset
		48	Alla 6 1	1	1.1.1	Just Marth.	V-1- 14	ALL DE	0 Hz
-81.6	+ +								
Start 9.00 kHz							2 120 44	0.00 kHz	
#Res BW 1.0 kHz		#VBW	3.0 kHz*		\$		74.0 ms (1001 pts)	
MSG						STATUS	DC Cou	pled	
Agilent Spectrum Analyzer - S	wept SA								
Center Freq 15.07	5000 MHz		Tric Fred	Run	Avg Type Avg[Hold:	: RMS	12:13:50 PM TRAC	Mar 12, 2018 1 2 3 4 5 6 MMMMMM A A A A A A	Frequency
	IFG	O: Fast 🔸	#Atten: 10	dB	Avginola.	07100			Auto Tune
10 dB/div Ref 8.44	3.44 dB						Mkr1 5	538 kHz 37 dBm	Auto Tune
10 dB/div Ref 8.44									
-1.56									Center Freq 15.075000 MHz
-11.6	+ +								Start Freq
-21.6	++							-23.00 dBm	150.000 kHz
-31.6									L
-31.0									Stop Freq 30.000000 MHz
-41.6	+ +							<u> </u>	30.000000 mm.2
-51.6									CF Step 2.985000 MHz
									2.985000 MHz Auto Man
-61.6	+ +								
-71.6	++							<u> </u>	Freq Offset 0 Hz
-81.6									· · · · ·
"Hully workstand	Willow water	utohan mary	المرالي المرد المردوس	and the second	and a states	Halon Albert	a neith the	all has	
					A when we do that the	Charles the other	Stream and the Art		
Start 150 kHz				and the state of the state			Stop 3	0.00 MHz	
Start 150 kHz #Res BW 10 kHz		#VBW	30 kHz*			Sweep 3	Stop 3 68.3 ms (0.00 MHz 1001 pts)	
Start 150 kHz #Res BW 10 kHz		#VBW				Sweep 3	Stop 3	0.00 MHz 1001 pts)	
Start 150 kHz #Res BW 10 kHz Msg Agilent Spectrum Analyzer - S	R AC		30 kHz*	NREE INT]		Sweep 3	Stop 3 68.3 ms (DC Cou	0.00 MHz 1001 pts) ipled	Frequency
Start 150 kHz #Res BW 10 kHz MSG Aglient Spectrum Analyzer - S	R AC		30 kHz*	NREE INT]		Sweep 3	Stop 3 68.3 ms (DC Cou	0.00 MHz 1001 pts) Ipled	Frequency
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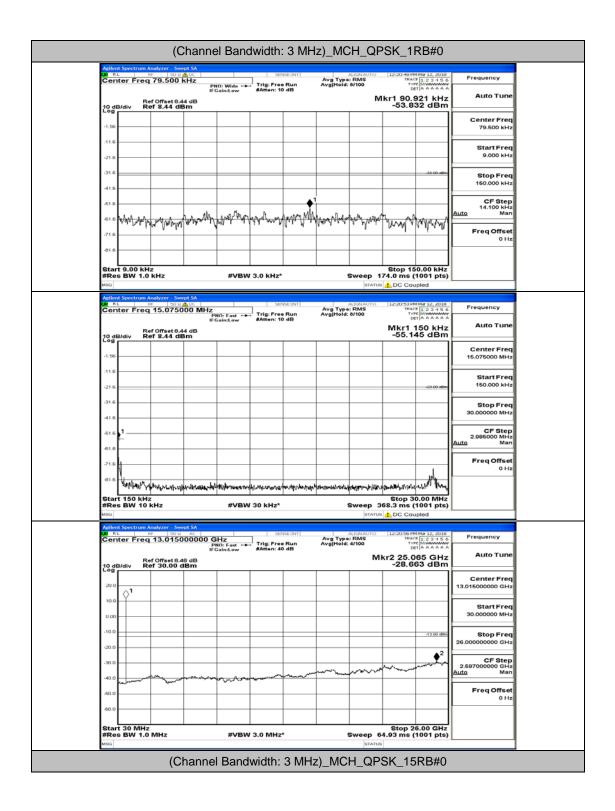




Channel Bandwidth: 3 MHz



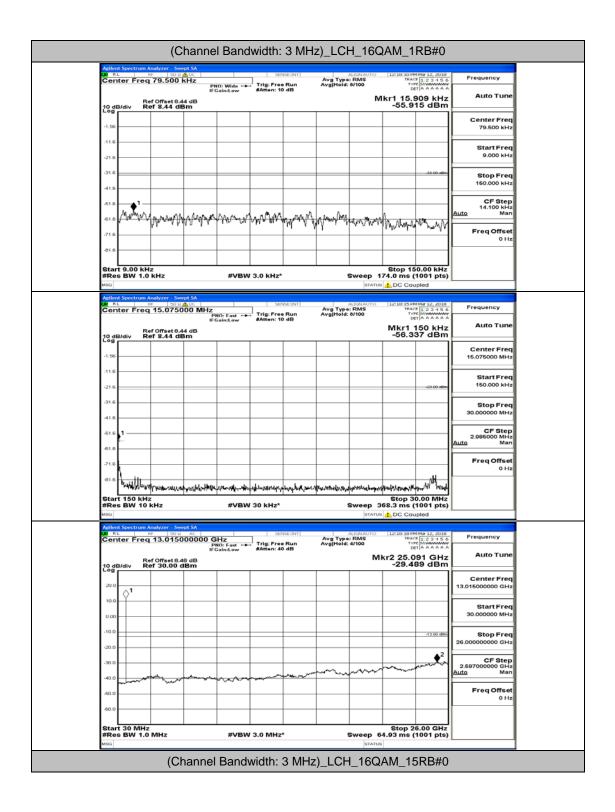
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Start 6.00 H/2 #Res BU 10 KHz #VEW 3.0 KHz* Stop 15.00 CHz Prequency Mile Image: Control for the stop of th	Auto Mi
Start 6.00 KHz #VEW 3.0 KHz Sweep 176.00 KHz Prequency Mile Interview Interview Interview Prequency Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview Interview	····
Addition Spectrum Analyzer Sweet SA Spectrum And Spectrum And Spectrum Spectrum And Spectrum Spectrum And Spectrum Spectrum Prequency	Start 9.00 kHz Stop 150.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)
10 BB/dV Ref Offset 644 dB Immediate 52.380 dBm Center Freq 115 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116 116	
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1.56 Center Freq Center Freq Start Freq 3.56 Center Freq Start Freq Start Freq 3.56 Center Freq Start Freq Start Freq 3.56 Center Freq Center Freq Center Freq 3.56 Center Freq Center Freq Center Freq 3.000000 GHz Micro File Micro File Center Freq 3.015000000 GHz Micro File Micro File	
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31.8 0 Hz 31.8 Stort 150 HHz Stort 150 HHz #VBW 30 kHz* Bit or 150 HHz #VBW 30 kHz* Stort 150 HHz #VBW 30 kHz* Bit or 150 Hz #VBW 30 kHz*	oli o di alla datta M oli o di alla datta M Freq Offs
Start 150 HHz #VEW 30 kHz* Sweep 368.3 ms (100 HHz) Image: Start 150 HHz #VEW 30 kHz* Sweep 368.3 ms (100 HHz) Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 150 Hz Image: Start 1	
Action Spectrum Analyzer - Swept SA Action Spectrum Analyzer - Swept SA Account of the spectrum Analyzer - Swept SA Frequency Frequency Frequency Action of the spectrum Analyzer - Swept SA Account of the spectrum Analyzer - Swept SA Account of the spectrum Analyzer - Swept SA Frequency Account of the spectrum Analyzer - Swept SA Account of the spectrum Analyzer - Swept SA Frequency Account of the spectrum Analyzer - Swept SA Account of the	Start 150 kHz Stop 30.00 MHz #Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts)
M Image: Source of the source of	
Ref offset 0.40 dB Mkr2 25.714 GHz Auto Tune 10 dBl/div Ref 30.00 dBm -28.710 dBm -28.710 dBm 200	
Legg Center Freq 200 1 13.01500000 GHz 10.0 1 13.01500000 GHz 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 10.0 1 1 1 10.0 1 1 1 1 10.0 1 1 1 1 1 10.0 1 1 1 1 1 1 10.0 1 1 1 1 1 1 2	Center Freq 13.015000000 GHz Avg Type: RMS TRACE 12.3.15.6 Prequency
10.0 C Start Freq 0.00	Center Freq 13.015000000 GHZ To Trig. Free Run Avg Type: Rute PROF. Trig. Free Run Avg Type: Rute If CainLow #Atten: 40 dB Mkr2 25.714 GHZ Auto Tur
10.0	Center Freq 13.015000000 GHz Trig Free Run Avg 199 ratio A
300 300 GF Step 300 300 GF Step 40.0 GF Step Step 60.0 GF Step Step Start 30 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)	Center Freq 13.015000000 GHz Trig Free Run Avg 192 Hold Moto Micro Hold As a free Run Avg 192 Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold As a free Run Avg Hold Argo Micro Hold Argo Micro Hold As a free Run Avg Hold Argo Micro H
40.0 Auto Man 60.0	Center Freq 13.015000000 GHz Trig: Free Run If CainLew Avg Typ: Roto Avg Typ: Roto Roto Roto Roto Roto Roto Roto Roto
40.0 0 Hz 0 Hz 40.0 0 Hz 0 Hz Start 30 MHz \$top 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* \$weep 64.93 ms (1001 pts)	Center Freq 13.01500000 GHz Trig: Free Run Broandew Avg 192 ratio Avg 192 ratio Provide ratio Provide ratio 10 dB/div Ref Offset 8.48 dB Mkr2 25.714 GHz Auto Tut 200
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)	Center Freq 13.01500000 GHz mit Trig: Free Run IPGaintew Trig: Free Run Avgilted: 4100 Multi 192 Has a Avgilted: 4100 Control 122 Has a Avgilted: 4100 Control 122 Has a Avgilted: 4100 0 dB/div Ref Offset 8.46 dB Mkr2 25.714 GHz -28.710 dBm Auto Tur Center Frei 13.01500000 Git Auto Tur Center Frei 13.01500000 Git Auto Tur Center Frei 13.01500000 Git 0 dB/div Ref 30.00 dBm
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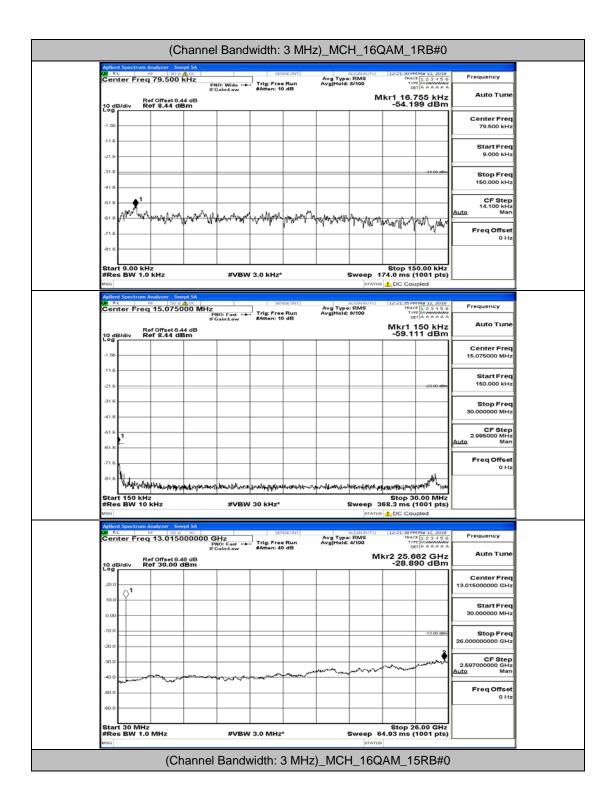
		Analyzer - Swi 19 50 9 q 79.500	ept SA		-	NERLINT	Avg Type	RMS	12:23:32 PN TRAC	4 Mar 12, 2018 # 1 2 3 4 5 6 M WWWWWW	Frequency
		975.500	Ph	10: Wide -+ Sain:Low	#Atten: 10	e Run 0 dB	Avg Hold:	8/100	DE		
10 de	R B/div R	tef Offset 8.4 tef 8.44 di	14 dB 3m					1	Mkr1 9.0 -63.8	000 kHz 26 dBm	Auto Tune
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	t 9.00 kł								Stop 15	0.00 kHz	
#Re	8 BW 1.0			#VBW	/ 3.0 kHz*	r			174.0 ms (1001 pts)	
MSG	Spectrum	Analyzer - Sw	ent SA					STATUS	s 🦺 DC Cou	pied	
CO RI		iei iso œ q 15.0750	000 MHz		SEA	NREINT	Ауд Туре	RMS	12:23:37 PM TRAC TVP DE	4Mar 12, 2018 * 1 2 3 4 5 6	Frequency
			PI	NO: Fast 🔸 Gain:Low	#Atten: 10	e Run 0 dB	Avg Hold:				
10 de Log	B/div R	tef Offset 8.4 Ref 8.44 di	14 dB Bm					N	4kr1 2.2 -60.9	40 MHz 05 dBm	
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-11.6											Start Freq
-21.6		-	-		-	<u> </u>				-23.00 dBm	150.000 kHz
-31.6		+					+				Stop Freq
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-51.6			<u> </u>								CF Step 2.985000 MHz
-61.6	¢¹ Juphihali (<u>Auto</u> Man
-71.6	hee nader) Are nader)				ļ	<u> </u>		ļ			Freq Offset
-81.6		teast				L			<u> </u>	الألون ا	0 Hz
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#Re:	t 150 kH BW 10	kHz		#VBW	/ 30 kHz*				368.3 ms (
MSG					_			STATUS	s 🚹 DC Cou	pled	
QU RI		Analyzer - Swi 19 50 9 q 13.0150	AC	Hz	SEP	VREINT]	Ave Ture	ALIGNAUTO	12:23:41 PN TRAC	4M# 12, 2018	Frequency
en	ter Free	g 13.015(NO: Fast	Trig: Free #Atten: 40	e Run 0 dB	Avg Type Avg[Hold:			* 123456 M	
10 de	R Maiv R	tef Offset 8.4 tef 30.00 d						M	kr2 25.7 -28.7	40 GHz 01 dBm	Auto Tune
											Center Freq
20.0	1	1			<u> </u>	1	1				13.015000000 GHz
10.0	Ŷ	+	+				+		1		Start Freq
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Agilent Spectr	um Analyzer - Sv							12-24-04 08	MR 12 2018	
	eq 79.500	PNC): Wide -+-	1		Avg Type Avg[Hold:	RMS	TRAC		Frequency
10 dB/div	Ref Offset 8. Ref 8.44 d	IFG:	ain:Low	#Atten: 1	0 dB		м	kr1 90.3		Auto Tune
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-71.6	Mr. B. I	μ						1. 11.	·14- 0- 1	Freq Offset 0 Hz
-01.0										
Start 9.00 #Res BW	kHz 1.0 kHz		#VBW	3.0 kHz*			Sweep 1	Stop 15 74.0 ms (*	0.00 kHz 1001 pts)	
MSG							STATUS	DC Cou	pled	
LOG RL	um Analyzer - Sv 101 50 s req 15.075	2 🔥 DC		587	NREINT		RMS	12:24:11 PM	Mar 12, 2018	Frequency
Center II	64 15.075	PNI IFG	0: Fast ain:Low	#Atten: 1	e Run 0 dB	Avg Type Avg[Hold:	8/100			Auto Tune
10 dB/div	Ref Offset 8. Ref 8.44 d	44 dB Bm						Mkr1 1 -58.24	150 kHz 14 dBm	Auto Tune
-1.56										Center Freq
-11.6										15.075000 MHz
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-21.6									-23 00 800	
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Start 150 #Res BW	kHz			30 kHz*					0.00 MHz	
MSG							STATUS	DC Cou	pled	
CO RL	IRF 50 s	2 AC		Ser	NSEINT		LIGNAUTO	12:24:14 PM TRAC TVP DE	Mar 12, 2018	Frequency
Center Fr	req 13.015	PNI IFG	HZ 0: Fast ↔ ain:Low	Trig: Free #Atten: 4	e Run 0 dB	Avg Hold:				
10 dB/div	Ref Offset 8. Ref 30.00	48 dB					м	kr2 25.6 -29.38	88 GHz 31 dBm	Auto Tune
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	IHz 1.0 MHz		#VBW	3.0 MHz	*		Sweep 6	Stop 20 4.93 ms (*	6.00 GHz 1001 pts)	

	t Spectrum	RF 50 S	ept SA		1 587	TREBUN	Avg Type		12:20:49 PM	1Mar 12, 2018	Frequency
Cen	ter Free	q 79.500	Ph	iO: Wide -+ Sain:Low	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	8/100	TYP	1 2 3 4 5 6 E M 4 A A A A A	
10 de Log	B/div R	tef Offset 8.4 tef 8.44 di	44 dB					M	1kr1 10.1		Auto Tune
											Center Freq
-1.56		1	1		<u> </u>						79.500 kHz
-11.6		-			-	<u> </u>					Start Freq
-21.6		+	+			<u> </u>	+				9.000 kHz
-31.6		+	+				+			-33.00 48m	Stop Freq
-41.6		1									160.000 kHz
-51.6											CF Step 14.100 kHz
-61.6	1										14.100 kHz Auto Man
	MARIN	h m A									FreqOffset
-71.6	- UI	www.ww	MW WWW	Whand	hole me	Inter 1	here			Am	0 Hz
-81.6		1	1	V- • V-V	the section of the se	rad and	AN ANA	Wel walley	panyana	A Alpha	
Star	t 9.00 kł	Hz								0.00 kHz	
#Re: MSG	8 BW 1.0	0 kHz		#VBW	/ 3.0 kHz*				74.0 ms (
Agilen	t Spectrum	Analyzer - Sw	ept SA					_			
COU RI		q 15.0750		10. Fact and		e Run	Avg Type Avg Hold:	RMS	12:20:54 PM TRAC TYP	Mar 12, 2018 # 1 2 3 4 5 6 C MWWWWWW	Frequency
			IFC	NO: Fast 🔸 Sain:Low	#Atten: 10	dB	Cralinela.		DI	896 kHz	Auto Tune
10 de Log	R B/div R	tef Offset 8.4 tef 8.44 di	44 dB Bm						-63.5	57 dBm	
-1.55											Center Freq
											15.075000 MHz
-11.6			1				1				Start Freq
-21.6					-	<u> </u>				-23-00 dBm	160.000 kHz
-31.6											Stop Freq
-41.6											30.000000 MHz
-51.6		1									CF Step 2.985000 MHz
-61.6	● ¹										2.986000 MHz Auto Man
	J.t.r.y										Freq Offset
-71.6	1									Ŀ.	0 Hz
-81.6		and the state	والهدية والعراقة	المراجع والمحالية	unustansk	alabaraha	here get and an	and a sub-	مورد العرامي	ANALY MULL	
Star	150 kH	z	Pre de de			F			Stop 3	0.00 MHz	
#Re: MSG	8W 10	KHZ		#VBN	/ 30 kHz*		(68.3 ms (L
		Analyzer - Sw	ept SA								
Cen	ter Free	g 13.0150	000000 G	Hz	Trig: Free	e Run	Avg Type Avg Hold:	RMS	12:20:58 PM TRAC TVF	4 Mar 12, 2018 4 1 2 3 4 5 6 5 M 4 A A A A A 1 A A A A A A	Frequency
				Sain:Low	#Atten: 40	dB	aprora				Auto Tune
10 di Log	B/div R	tef Offset 8.4 tef 30.00 c	48 dB dBm						kr2 25.6 -28.7	39 dBm	
20.0											Center Freq
	0 ¹										13.015000000 GHz
10.0	Ť										Start Freq
0.00		+	+		<u> </u>	<u> </u>	+				30.000000 MHz
-10.0		+			<u> </u>					-13.00 dBm	Stop Freq
											26.00000000 GHz
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						mum	m	m	man		2.597000000 GHz Auto Man
-30.0		ha									
-30.0 -40.0		man		~~~~~			1		1		Eren Offert
-30.0	warne	- man		*~~~~							Freq Offset 0 Hz
-30.0 -40.0	w.										
-30.0 -40.0 -50.0 -60.0 Star	30 MH: BW 1.0	z			/ 3.0 MHz				Stop 2 64.93 ms (6.00 GHz	



Agilent Spectrum Analyzer - Swept S	SA		
Center Freq 79.500 kH	C SENSE:INT	ALIONAUTO 12:20:32 PT Avg Type: RMS TRAA Avg[Hold: 8/100 TV]	Mar 12, 2018 F 1 2 3 4 5 6 Frequency
Ref Offset 8.44 d 10 dB/div Ref 8.44 dBm Log	Z Trig: Free Run IFGain:Low #Atten: 10 dB	Mkr1 16.0	
-1.56			Center Freq 79.500 kHz
-11.6			Start Freq 9.000 kHz
-31.6			
-51.6			CF Step 14.100 kHz
-61.6 1 -71.6 MM MM MAN Dun Under AM			Auto Man
-81.6	MAN MANA MANA	wand and and any appendic the second and a second	₩₩₩₩ ₩ • Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*	Sweep 174.0 ms (
Adlent Spectrum Applyzer - Sweet S	SA .	STATUS 🔔 DC COL	
G RL № 50 2 AD Center Freq 15.075000	DMHz PNO: Fast IFGain:Low #Atten: 10 dB	ALIONAUTO 12:20:37 PT Avg Type: RMS TRAA Avg[Hold: 8/100 TV	Mar 12, 2018 # 1 2 3 4 5 6 Frequency
Ref Offset 9.44 d 10 dB/div Ref 8.44 dBm	PNO: Fast #Atten: 10 dB		B96 kHz Auto Tune
-1.56			Center Freq 15.075000 MHz
-11.6			Start Freq 150.000 kHz
-31.6			Stop Freq 30.000000 MHz
-41.6			CF Step 2.985000 MHz
-61.6			Auto Man Freq Offset
-71.6			0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep 368.3 ms (0.00 MHz 1001 pts)
MSG Agilent Spectrum Analyzer - Swept S		STATUS 🔥 DC COU	pled
Center Freq 13.015000	C SEMBERINT	Avg Type: RMS TRAC Avg[Hold: 4/100 TVI D	
10 dB/div Ref Offset 8.48 d Ref 30.00 dBr		Mkr2 25.1 -29.2	
20.0 10.0 1			Center Freq 13.015000000 GHz
0.00			Start Freq 30.000000 MHz
-10.0			-13.00 dlim Stop Freq 26.000000000 GHz
-30.0		and and the second states and the second sta	2.597000000 GHz Auto Man
-40.0 million and the market and the			Freq Offset
-60.0			0 Hz
Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop 2 Sweep 64.93 ms (6.00 GHz 1001 pts)
MSG		STATUS	

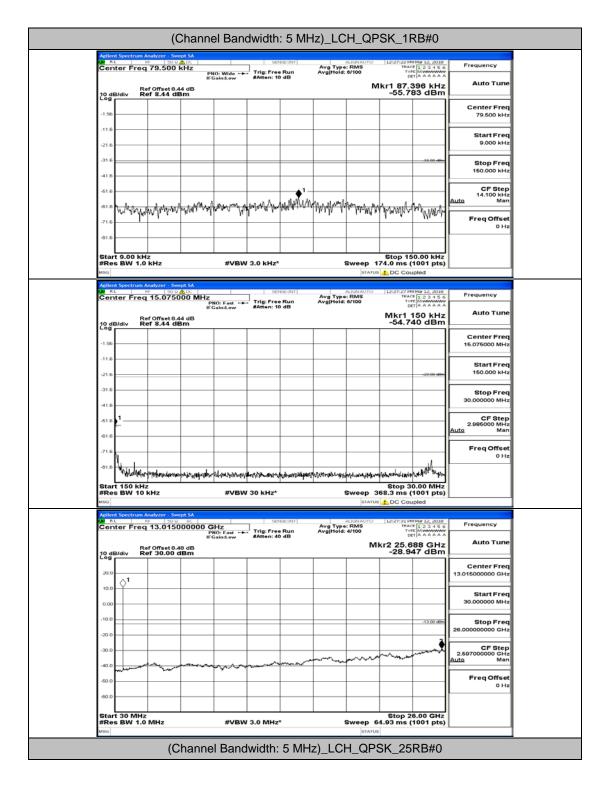


Agilent Spectrum / Grant RL Center Fred		of SA								
	RF 50 Q				NSEINT	Ava Type		12:23:40 PM	Mar 12, 2018	Frequency
Center Fred	79.500	PN	10: Wide	#Atten: 1	e Run 0 dB	Avg Type Avg Hold:	8/100	12:23:48 PM TRAC TVP DE		<u> </u>
	-f Offeret 8 4		, and the own					lkr1 10.5	551 kHz	Auto Tune
10 dB/div R	ef Offset 8.4 ef 8.44 dB	m						-64.12	23 dBm	
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-41.6										150.000 kHz
-41.6										
-51.6	──┤									CF Step 14.100 kHz
-61.6										<u>Auto</u> Man
mount	4 4	b 1								Freq Offset
-71.6 · · · · · · · · · · · · · · · · · · ·	ulture Ma	in ⁿ adh W	When the stand	Normthy	the Marth	mal the the	mather	window	Muchan	0 Hz
-81.6		- N -	4.11		Y	י יעדיה	10.444	14.14	. Ale 10 - 24	<u> </u>
Start 9.00 kH	İz							Stop 15	0.00 kHz	
#Res BW 1.0	kHz		#VBW	3.0 kHz*		1		74.0 ms (
mois							ainita	1 DC C00	pied	
Agilent Spectrum	RF 50 Q	1 DC		587	NREINT		ALIGN AUTO	12:23:53 PM	Mar 12, 2018	Frequency
Center Fred	15.0750	00 MHz	NO: Fast	#Atten: 1	e Run	Avg Type Avg Hold:	: RMS 8/100	12:23:53 PM TRAC TVP DE	123456 EM	Frequency
_			jain:Low	#Atten: 1	0 dB				896 kHz	Auto Tune
10 dB/div R	ef Offset 8.44 ef 8.44 dB	4 dB Sm						-61.58	88 dBm	
Log										Center Freq
-1.56										15.075000 MHz
.11.6										
										Start Freq
-21.6									-23.00 dBm	150.000 kHz
-31.6		i!								
-31.6										Stop Freq
-41.6										30.000000 MHz
-51.6		i!								CF Step
-51.6										CF Step 2.986000 MHz Auto Man
										Auto
-61.6		()	'			i I				Freq Offset
TO WAR										
-/1.6	$\left - \right $									0 Hz
-71.6 -81.6	to Joseffer and a local sector								JAN	0 Hz
-81.6	t.leaderships	wether), for an a for a set	User and Street	ydraentyret	b halipenaagaaga	altyrite production	whetherwalk	millitain	0 Hz
-/1.6	z	water the		Mulijalidyaali 1 30 kHz*	gulan gent genet			ակիլատանի Stop 30 68.3 ms (1	0.00 WHZ	0 Hz
-71.6 -81.6 Start 150 kH	z				enter for the state		Sweep 3	Stop 3	1001 pts)	0 Hz
Aglient Spectrum	z kHz			30 kHz*			Sweep 3	569.3 ms (D.00 MH2 1001 pts) Ipled	
Adjient Spectrum	z kHz Analyzer - Swe	pt SA	#VBW	30 kHz*	NHEINT		Sweep 3	569.3 ms (D.00 MH2 1001 pts) Ipled	
Aglient Spectrum	z kHz Analyzer - Swe	pt SA	#VBW	30 kHz*	NHEINT		Sweep 3	68.3 ms (D.00 MH2 1001 pts) Ipled	Frequency
Start 150 kH #Res BW 10 MsG Aellent Spectrum Center Free	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2: RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	
Start 150 kH #Res BW 10 MsG Aellent Spectrum Center Free	z kHz Analyzer - Swe	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2: RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency
Allent Spectrum Adlent Spectrum Center Frec 10 dB/div R	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2: RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune Center Freq
Asilent Spectrum v Res BW 10 MSG Asilent Spectrum v Center Free	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune
Allen Spectrum Adlent Spectrum Center Frec 10 dB/div R	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune Center Freq 13.015000000 GHz
Allent Spectrum	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq
Addent Spectrum	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune Center Freq 13.015000000 GHz
Allent Spectrum	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	1001 pts) pled	Frequency Auto Tune 13.01500000 GHz Start Freq 30.000000 MHz
Allent Spectrum MSG Adlent Spectrum RL Conter Frec 20.0 10.0 -10.0	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	0.00 MHz 1001 pts) pled 1123456 1123456 88 GHz 78 dBm	Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq
Allent Spectrum Misci Adlent Spectrum RL Center Frec 0 dB/div R 20.0	z kHz Malyzer Swe 13.0150	pt SA 000000 G IF C	#VBW	30 kHz*	NHEINT		Sweep 30 STATUS ALIGNAUTO 2 RMS 4/100	12:23:57 PM 12:23:57 PM TRAC TW TRAC TW TRAC TW TRAC TW TRAC	0.00 MH2 1001 pts) pled	Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz
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01.6 01.6 01.6 Start 150 kH #Res BW 10 Mso Adlent Spectrum, Center Frec 10 dB/div R 20.0 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1	KHZ	pt SA 000000 G IF C	#VBW	30 kHz*	Nacioni e Run o de	Avg Type Avg Hold:	Sweep 3/ status aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad aroad	Lezais/ Hereine Control (1997)		Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.0000000 GHz 25.00000000 GHz 2.507000000 GHz 2.507000000 GHz Auto Man

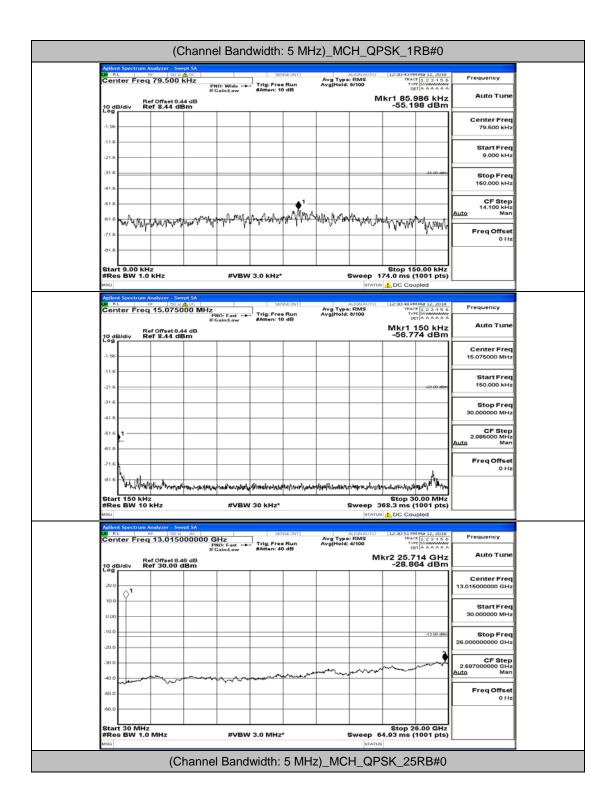
Agilent Spectrum Analyzer - Sv No RL RP 50 s	2 🗛 DC	SENSEINT	ALIGNAUTO	12:24:46 PM Mar 12, 2018	Frequenci
Center Freq 79.500	KHZ PNO: Wide	Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg[Hold: 8/100	TYPE MWWWWWW DET A A A A A A	Frequency
Ref Offset 8. 10 dB/div Ref 8.44 d			N	/kr1 18.447 kHz -56.026 dBm	Auto Tune
-1.56					Center Freq 79.500 kHz
-11.6					
-21.6					Start Freq 9.000 kHz
-31.6				-22.00 4894	Stop Freq
-41.6					150.000 kHz
-51.6 1 -51.6 M. M. M. W		1. th A walk of	in a da		CF Step 14.100 kHz Auto Man
-71.6	ut we share not a south	YR AN A A A B R A A A A A A A A A A A A A A A	An WAR A MANARY	Wallow Maria Maria	FreqOffset
-81.6					0 Hz
				Stop 150 00 kt	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW	3.0 kHz*		Stop 150.00 kHz 174.0 ms (1001 pts)	
Agilent Spectrum Analyzer - Sv	wept SA				
Center Freq 15.075		SENSE:INT	Avg Type: RMS Avg[Hold: 8/100	12:24:52 PM Mar 12, 2018 TRACE 12 2 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
Ref Offset 8, 10 dB/div Ref 8,44 d	IFGain:Low	#Atten: 10 dB		Mkr1 150 kHz -58.003 dBm	Auto Tune
Log					Center Freq
-1.56					15.075000 MHz
-11.6					Start Freq 160.000 kHz
-31.6				100 M (100 M	
-41.6					Stop Freq 30.000000 MHz
-51.6					CF Step
-61.6					2.985000 MHz Auto Man
-71.6					Freq Offset
-81.6				J. J.	0 Hz
Start 150 kHz	uteristic operation of the second states of the second states of the second states of the second states of the	NATION AND A CONTRACT OF A SAME	-สุรัสร์รุณะเหมืองสร้างใสรสารระจุสิวอง	top 30.00 MHz	
#Res BW 10 kHz	#VBW	30 kHz*		368.3 ms (1001 pts)	
Agilent Spectrum Analyzer - Sv	wept SA				
Center Freq 13.015	000000 GHz PN0: Fast	Trig: Free Run #Atten: 40 dB	Avg Type: RMS Avg Hold: 4/100	12:24:55 PM Mar 12, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	Frequency
Ref Offset 8. 10 dB/div Ref 30.00	.48 dB		M	lkr2 25.740 GHz -28.831 dBm	Auto Tune
20.0					Center Freq 13.015000000 GHz
10.0 1					
0.00					Start Freq 30.000000 MHz
-10.0				-13.00 dBm	Stop Freq
-20.0					26.00000000 GHz
-30.0					CF Step 2.597000000 GHz
-40.0			mon		Auto Man
-50.0					Freq Offset 0 Hz
-60.0					
Start 30 MHz #Res BW 1.0 MHz		3.0 MHz*		Stop 26.00 GHz 64.93 ms (1001 pts)	

Agilent Spectrum Analyzer - Swept S	٨			
Center Freq 79.500 kH	Z PNO: Wide IFGain:Low #Atten: 10	Avg Type: RMS Run Avg Hold: 8/100	12:27:05 PM Mar 12, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
Ref Offset 8.44 d 10 dB/div Ref 8.44 dBm Log			/kr1 11.115 kHz -64.787 dBm	Auto Tune
-1.56				Center Freq 79.500 kHz
-11.6				Start Freq 9.000 kHz
-21.6			-92.00 offer	Stop Freq
-41.6				150.000 kHz
-51.6				CF Step 14.100 kHz Auto Man
-71.6 WWWWWWWWWW	mon www.	www.www.walana	Mannam	Freq Offset 0 Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*		Stop 150.00 kHz 174.0 ms (1001 pts) s 1 DC Coupled	
Agilent Spectrum Analyzer - Swept S Rt 100 200 200 Center Freq 15.075000	A SENS	ALIONAUTO Avg Type: RMS	12:27:10 PM Mar 12, 2018 TRACE 11 2 3 4 5 6 TVPE MMMMMM DET A A A A A A	Frequency
	B MHz PNO: Fast Trig: Free I IFGain:Low #Atten: 10	dB	Mkr1 896 kHz -63.115 dBm	Auto Tune
10 dB/div Ref 8.44 dBm Log				Center Freq 15.075000 MHz
-11.6				Start Freq
-21.6			-23.00 dBm	150.000 kHz
-41.6				Stop Freq 30.000000 MHz
-51.6 -61.6				CF Step 2.986000 MHz Auto Man
-71.6				Freq Offset 0 Hz
-01.6 50 1.6	n northolman trastricible and a solit meridial	างสาราริทุณฑาษศาสตรรรษมิษุสิทริตรรรษศาสตร	WV. ANTONIA SAMANA	
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep 3	Stop 30.00 MHz 368.3 ms (1001 pts) s 1 DC Coupled	
Agilent Spectrum Analyzer - Swept S	C SENS	REINT ALIONAUTO		Fromiency
Center Freq 13.015000	PNO: Fast	Avg Type: RMS Run Avg Hold: 4/100 dB	12:27:14 PM Mar 12, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	Frequency
10 dB/div Ref Offset 8.48 d Ref 30.00 dBr			kr2 25.065 GHz -29.071 dBm	Auto Tune
20.0				Center Freq 13.015000000 GHz
10.0				Start Freq 30.000000 MHz
-10.0			-13.00 dBm	Stop Freq
-20.0				26.00000000 GHz
-30.0			a source and a source of the s	CF Step 2.697000000 GHz Auto Man
-50.0				Freq Offset 0 Hz
-60.0 Start 30 MHz			Stop 26.00 GHz	
#Res BW 1.0 MHz	#VBW 3.0 MHz*		54.93 ms (1001 pts)	
M 243		STATU	8	

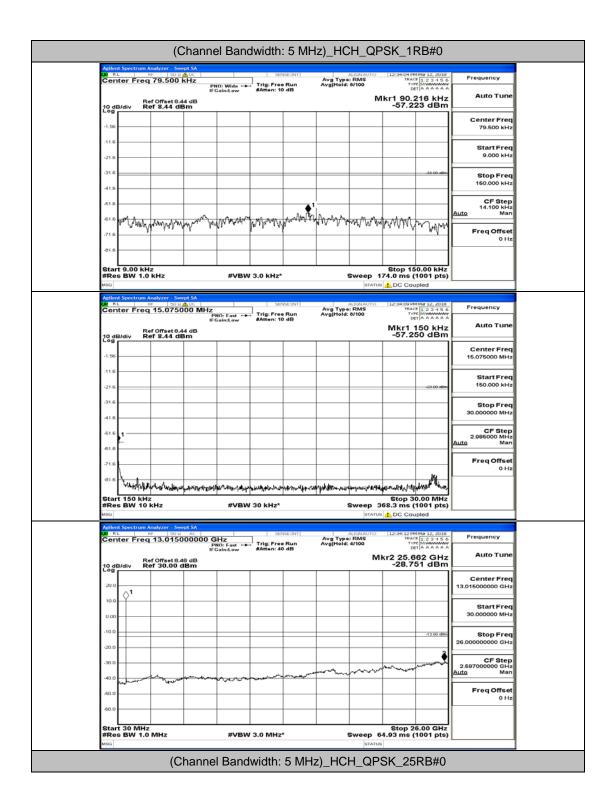
Channel Bandwidth: 5 MHz



CO RI		Analyzer - Sw PP 50 G q 79.500			-	VSE:INT	Avg Type	RMS	12:30:11 PN TRAC TVP	M# 12, 2018	Frequency
Cen	COLLEC	979.500	PI	10: Wide -+ Gain:Low	#Atten: 10	e Run 0 dB	Avg Hold:	8/100	DE		
10 de	B/div F	Ref Offset 8. Ref 8.44 d	44 dB						Mkr1 9.9 -61.2	987 kHz 92 dBm	Auto Tune
-1.56											Center Freq 79,500 kHz
-11.6			ļ								
-21.6											Start Freq 9.000 kHz
-31.6										-33.00 4844	Stop Freq
-41.6											160.000 kHz
-51.6	1										CF Step 14.100 kHz Auto Man
-61.6	man	Mr									Freq Offset
-81.6	- Im	. wellight	mmula	white	N/m ppMp	4 Mary	Mar	w how	4-14Mparto	1A M	0 Hz
Star	t 9.00 kl	Hz							Stop 15	0.00 kHz	
#Res	BW 1.	0 kHz		#VBW	3.0 kHz*		1		174.0 ms (1001 pts)	
Agilen	t Spectrum	Analyzer - Sw	ept SA		1	ARCHARD THE PARTY		_			
Cen		q 15.075	P	NO: Fast 🔸	Trig: Free #Atten: 10	e Run	Avg Type Avg Hold:	: RMS 8/100	12:30:16 PN TRAC TVF DE	F 1 2 3 4 5 6 C MWWWWW T A A A A A A	Frequency
10 -	F	tef Offset 8. Zef 8.44 d		Sain:Low	satten: 10	- dB			Mkr1 3.4		Auto Tune
10 de Log		cer 8.44 d							01.00		Center Freq
-1.56											15.075000 MHz
-11.6											Start Freq 150.000 kHz
-21.6										-23.00 dBm	
-31.6											Stop Freq 30.000000 MHz
-51.6		41									CF Step 2.986000 MHz
-61.6	هيديا ر	•									<u>Auto</u> Man
	y for starting										Freq Offset 0 Hz
-81.6		have	h-wateralist	ani ilai si ini ang	n-on-Africant	alit-dission-calita	▶ ┭ ╾┱┺┟╼┰┼⋧┙ ╞ ┿┼╴	****	in analytic program	entrue Millionne	
Star #Re:	t 150 kH BW 10	Iz			30 kHz*				Stop 3 368.3 ms (0.00 MHz 1001 pts)	
MSG									S 🚹 DC Cou		
CO RE		Analyzer - Sw PP 50 G q 13.015	AC	Hz	SEA	VSE:INT	Avg Type Avg[Hold:	RMS	12:30:19 PN TRAC	Mar 12, 2018 F 1 2 3 4 5 6	Frequency
			P IF	Hz NO: Fast ↔ Sain:Low	" Trig: Free #Atten: 40	e Run 0 dB	Avg Hold:			120156 AAAAAA	
10 de Log	F B/div F	tef Offset 8. tef 30.00	dBm						lkr2 25.7 -29.1	96 dBm	
20.0											Center Freq 13.015000000 GHz
10.0	∂ ¹										Start Freq
0.00		-									30.000000 MHz
-10.0										-13.00 dBm	Stop Freq
-20.0	_									2	26.00000000 GHz
-30.0							home	m	h	and the second	CF Step 2.597000000 GHz Auto Man
-40.0	www.	-		~~~~	mark	and the second second	-				Freq Offset
-50.0											0 Hz
#Re:	30 MH BW 1.	z 0 MHz		#VBW	3.0 MHz	*			64.93 ms (6.00 GHz 1001 pts)	
MSG								STATU	s		



	Agilent Spectrum A	nalyzer - Swep	ot SA									
	Center Freq	F 50 Q /	DC			VSE:INT	Avg Type Avg Hold:	RMS	12:30:32 PM TRACE TVPR DET	Mar 12, 2018	Frequency	
	sontai rieq	. 0.000 N	PN	O: Wide	#Atten: 10	Run dB	Avg Hold:	8/100	DET	A A A A A A		
	Re	f Offset 8.44						M	kr1 11.8	20 kHz	Auto Tune	
	10 dB/div Re	ef 8.44 dB	m						-64.49	2 dBm		
											Center Freq	
	-1.56										79.500 kHz	
	-11.6											
	21.6										Start Freq 9.000 kHz	
	-21.6											
	-31.6									-93.00 48-0	Stop Freq	
	-41.6										150.000 kHz	
	-51.6										CF Step 14.100 kHz	
	-61.6 1										<u>Auto</u> Man	
	-61.6 WWW.	rinvianann									Freq Offset	
	-71.6	nvann	NM LIN N								0 Hz	
	-81.6		ר עוידן יי	M M M M	MANY HAVE	MANAN	MAMAN	at Mr. Mars	himmon	w white		
						, n	1.1.1	ang 117 mg.	a have			
	Start 9.00 kH #Res BW 1.0				3.0 kHz*					0.00 kHz		
	#Res BW 1.0	KH2		#VBW	3.0 KH2*				74.0 ms (1			
	And and from the second	nalyzer - Swee			_	_	_					
	Agilent Spectrum A	1 50.0	NOC.		SRP	VRUNT	Aug Torra	LIGNAUTO	12:33:37 PM	Mar 12, 2018	Frequency	
	Center Freq	15.0750	DU MHZ	IO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Hold:	8/100	12:33:37 PM TRACE TVPR DET	M		
		Offenter		amitow	Sector: 1				1kr1 3.40	04 MHz		
I	10 dB/div Re	f Offset 8.44 of 8.44 dB	m						-59.94	1 dBm		
	209										Center Freq	
	-1.56										15.075000 MHz	
	-11.6											
											Start Freq	
	-21.6									-23.00 dBm	150.000 kHz	
	-31.6										Stop Freq	
											30.000000 MHz	
	-41.6											
	-51.6	. 1									CF Step 2.985000 MHz	
	-61.6	• '									<u>Auto</u> Man	
	1. Vale Walt										Eren Official	
	-71.6	ML 1									Freq Offset 0 Hz	
	-81.6											
		in the second	the second second	Martena and a second	P ople:Nation	البلج المحجودية	and a state of the second	nooflogial features	nanawitha	Mall Mark		
	Start 150 kHz #Res BW 10				30 kHz*				Stop 30	.00 MHz		
	#Res BW 10	KHZ		#VBW	30 KHZ*		,		68.3 ms (1			
	Autorat Construction						_	0.1100	-00 000	,u		
	Agilent Spectrum A	F 50 Ω	AC.		SUP	VSECINT		LIGNAUTO	12:33:41 PM	Mar 12, 2018	Frequency	
	Center Freq	13.0150	00000 G	Hz IO: Fast	Trig: Free #Atten: 40	Run	Avg Type Avg[Hold:	4/100	12:33:41 PM TRACE TVPR DET	123456	Frequency	
			IFG	ain:Low	#Atten: 40	, dB			kr2 25.6			
	10 dB/div Re	f Offset 8.46 f 30.00 di	Bm						-28.88	5 dBm		
	Log										Center Freq	
	20.0										13.015000000 GHz	
	10.0 01											
											Start Freq	
	0.00										30.000000 MHz	
	-10.0									-13.00 dBm	Biton Factor	
										-13.00 dBn	Stop Freq 26.00000000 GHz	
	-20.0									2		
	-30.0										CF Step 2.697000000 GHz	
		.				and the second	mu	m	mand		2.697000000 GHz Auto Man	
	-40.0 manana	and the second		sourch the	- and the second	- www.						
	-50.0										Freq Offset	
											0 Hz	
	-60.0											
	Start 30 MHz								Stop 26	.00 GHz		
	#Res BW 1.0	MHz		#VBW	3.0 MHz	*		Sweep 6	4.93 ms (1	001 pts)		
1	MSG							STATUS				



Agilent Spectrum A	Analyzer - Swee	e SA								
Center Freq	RF 50 9 🥂	DC		SUP	NSE:INT	Avg Type Avg Hold;	RMS	12:30:56 PM TRAC	1 Mar 12, 2018 1 2 3 4 5 6 C M	Frequency
		PN	i0: Wide 🔸 Sain:Low	#Atten: 10	e Run 0 dB	Avg[Hold:		lkr1 14.0	076 kHz	
10 dB/div R	ef Offset 8.44 ef 8.44 dBi	m						-63.1	35 dBm	
-1.56										Center Freq 79.500 kHz
-11.6										
-21.6										Start Freq 9.000 kHz
-31.6	++								-22.00 dBm	Stop Freq 150.000 kHz
-41.6										
-51.6										CF Step 14.100 kHz
-61.6										<u>Auto</u> Man
-71.6 WWWW	1 Marson									Freq Offset 0 Hz
-81.6	A A A A A A A A A A A A A A A A A A A	Mary	Nammyral Are	Mayery	hamme	Mar And	1 miles	he shed he lit	री की उठनी ठेर	
					۱ <u>۲ ۱</u> ۲	իր օստ	h.b.e.t	WWWW		
Start 9.00 kH #Res BW 1.0	12			/ 3.0 kHz*				74.0 ms (0.00 kHz 1001 pts)	
MSG							STATUS	DC Cou	pled	
Agilent Spectrum A	inalyzer - Swep ទោ ទាំំំំ ១០ ឆ្ល	t SA		587	VSE:INT	Aug Turne		12:37:01 PM	1Mar 12, 2018	Frequency
Center Freq	15.07500	DU MHZ PN IFG	10: Fast ++ Gain:Low	#Atten: 1	e Run 0 dB	Avg Type Avg Hold:			4 Mar 12, 2018 # 1 2 3 4 5 6 E M	
10 dB/div R	ef Offset 8.44 ef 8.44 dBi	dB					N	1kr1 3.4 -62.4	04 MHz 26 dBm	Auto Tune
Log										Center Freq
-1.56	++									15.075000 MHz
-11.6										Start Freq
-21.6									-23-00 dBm	160.000 kHz
-31.6										Stop Freq
-41.6										30.000000 MHz
-51.6										CF Step
	1									CF Step 2.986000 MHz Auto Man
-61.6	Ĭ.									Freq Offset
-71.6	the state of the s									0 Hz
-81.6	- Levela	as the Links		a burg ton				a harris a statut	male Mary	
Start 150 kH	z	*******			a sever vehices	ledoph for the 1		Stop 3	0.00 MHz	
#Res BW 10	kHz		#VBW	/ 30 kHz*		1		68.3 ms (
Agilent Spectrum A	Analyzer - Swep	t SA								
Center Freq	13.01500	AC 00000 G	Hz	Tria: Free	Bun	Avg Type Avg[Hold:	RMS	12:37:04 PM TRAC	4 Mar 12, 2018 4 1 2 3 4 5 6 5 M	Frequency
		IFC	ain:Low	#Atten: 40	0 dB				62 GHz	
10 dB/div R	ef Offset 8.48 ef 30.00 de	dB Bm						-28.7	B1 dBm	
20.0										Center Freq 13.015000000 GHz
10.0 1										13.01500000 GH2
										Start Freq 30.000000 MHz
0.00										30.000000 MH2
-10.0									-13.00 dBm	Stop Freq
-20.0									2	26.00000000 GHz
-30.0								~~~.		CF Step 2.697000000 GHz
-40.0		-	\sim		manon	m	*****			<u>Auto</u> Man
-50.0	~~~		•							Freq Offset
-60.0										0 Hz
-00.0										
Start 30 MHz #Res BW 1.0	MHz		#VBW	/ 3.0 MHz	*		Sweep 6	Stop 2 4.93 ms (6.00 GHz 1001 pts)	
MSG							STATUS			