Appendix E: Conducted Spurious Emission LTE Band 2 Test Graphs

Channel Bandwidth: 1.4 MHz

				Band	width:	1.4 Mł	Hz)_LC	CH_QF	PSK_1I	RB#0	
LXI F	(L	m Analyzer - Sw RF 50 G eq 79.500	kHz		SENSE	::PULSE	Avg Type Avg Hold:	LIGN AUTO	09:22:22 AM TRACE	Apr 11, 2017	Frequency
		Ref Offset 9. Ref 9.22 d	PN	10: Wide ↔ Sain:Low	Atten: 10) Run) dB	Avg Hold:		Vikr1 9.7	05 kHz	Auto Tune
-0.76											Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-30.8											Stop Freq 150.000 kHz
-40.8	1									-43.00 dbm	CF Step 14.100 kHz
-60.8	w your	mm	portwyshi	manna	u Murrya	manguly	hyp Mpw.Milli	WWWWWW	www.ww	umpun	Auto Man Freq Offset
-80.8											0 Hz
	rt 9.00 i es BW 1			#VBW	3.0 kHz*		ş		Stop 150 74.0 ms (1	001 pts)	
Agile	nt Spectru	m Analyzer - Sw	ept SA		Lorwer	- DI II CC ¹					
		eq 15.075	PI	NO: Fast 🔸	Trig: Free	Run	Avg Type Avg Hold:	LIGN AUTO RMS 9/100	09:22:32 AM TRACE TYPE	Apr 11, 2017 1 2 3 4 5 6 MWWWWW A A A A A A	Frequency
10 g	B/div	Ref Offset 9. Ref 9.22 d	22 dB	Sain:Low	#Atten: 16	dB			Mkr1 1	50 kHz 3 dBm	Auto Tune
+0.76											Center Freq 15.075000 MHz
-10.8		_									Start Freq 150.000 kHz
-30.8 -40.8										-33.00 dBm	Stop Freq 30.000000 MHz
-40.8	1										CF Step 2.985000 MHz Auto Man
-60.8											Freq Offset
-80.8	motor	พระวิสมุภพราโกร์จุการ์จา	แล้วร่างไทยงงางหรืองงางสร้า	an managements	nimetrophere	internation	hellerintule/yree	hat your the	www.	panifantanta	0 Hz
Sta #Re	rt 150 k es BW 1	Hz 0 KHz		#VBW	30 kHz*	I	5		Stop 30 68.3 ms (1		
Agile		m Analyzer - Sw	ept SA		SENCE	:pulse!		LIGNAUTO	09:22:35 AM	Apr 11, 2017	
	nter Fr	eq 13.015	PI IFC	iHz NO: Fast ↔ Sain:Low	Trig: Free #Atten: 40	Run) dB	Avg Type Avg Hold:	6/100	TRACE TYPE DET	123456 MWWWWWW AAAAAA	Frequency Auto Tune
10 g		Ref Offset 9. Ref 30.00	dBm						-32.43	0 dBm	Center Freq
10.0	,	>1									13.015000000 GHz Start Freq
0.00										-13.00 dBm	30.000000 MHz Stop Freq
-20.0										2	26.00000000 GHz
-30.0 -40.0				-	and the second	ware w	~~~~	mun	, norther	~~~~	2.597000000 GHz <u>Auto</u> Man
-50.0											Freq Offset 0 Hz
Sta	rt 30 M	Hz .0 MHz		#VBW	3.0 MHz			Sweep 6	Stop 26 4.93 ms (1	.00 GHz 001 pts)	
MSG								STATUS			
		(C	hannel	Band	width:	1.4 Mł	Hz)_LC	;h_qf	PSK_1	RB#3	

Agiler LXI R	nt Spect	rum A R	nalyzer - Swe F 50 ຊ.	pt SA		SENSI	E:PULSE		ALIGN AUTO	09:22:38 AI	4 Apr 11, 2017	_
			79.500 l of Offset 9.2	PN	10: Wide ↔ Sain:Low	Trig: Free #Atten: 10	⊧Run JdB	Avg Type Avg Hold:	: RMS 9/100	Mkr1 9.4	564 kHz	Frequency Auto Tune
10 di Log	B/div	Re	ef 9.22 dE	Sm						-59.1	25 dBm	Center Freq
-0.78												79.500 kHz
-10.8												Start Freq
-20.8												9.000 kHz
-30.8												Stop Freq 150.000 kHz
-40.8											-43.00 dBm	CF Step
-60.8	1						Ļ,					14.100 kHz <u>Auto</u> Man
-70.8	urs.h	hvym	wintwin	ukilV~~~~uhyh	un hanna	WWWW	WARAN	trandiquity	₩/vi\yrm	www.wh	ell-Mingherry	Freq Offset 0 Hz
-80.8												
#Re	t 9.00 s BW				#VBW	/ 3.0 kHz*				74.0 ms (0.00 kHz 1001 pts)	
MSG									STATUS	ι 🦺 DC Coι	pled	
Agiler (XI R Cer	ter F	rum A R Frea	nalyzer - Swe ⊱ 50 Ω4 15.0750	00 MHz			E:PULSE	Avg Type	ALIGN AUTO	09:22:43 AF	Apr 11, 2017 E 1 2 3 4 5 6	Frequency
				PI IFC	NO: Fast 🔸	#Atten: 10) Run) dB	Avg Hold:	9/100		123456 MWWWWWW 150 kHz	Auto Tune
10 d Log	B/div	Re	f Offset 9.2 of 9.22 dE	2 dB Sm	1		T	1		-58.8	98 dBm	
-0.78												Center Freq 15.075000 MHz
-10.8												Start Freq
-20.8												150.000 kHz
-30.8											-33.00 dBm	Stop Freq 30.000000 MHz
-40.8												
-50.8	1											CF Step 2.985000 MHz <u>Auto</u> Man
-60.8												Freq Offset
-80.8	<u>ا</u>											0 Hz
Sta	հատր nt 150			Nelphymenush	ป ะพบ _ไ ปที่งฤษาณ์ประ	yldore. physical	-ender-ofe-	anticetarity	pall providence		ትሉዚት ለከተለቀ 0.00 MHz	
#Re	s BW	10	kHz		#VBW	/ 30 kHz*				68.3 ms (1001 pts)	
Agile	nt Spect	rum A	nalyzer - Swe	pt SA								
IYI R	1	P	50 Ω 13.0150	AC 00000 G	iHz NO: Fast ↔ Sain:Low		e Run	Avg Type Avg Hold:	ALIGN AUTO : RMS 6/100	09:22:46 AF TRAC TVI	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 di Log	B/div	Re	of Offset 9.1 of 30.00 d		Gain:Low	#Atten: 40	3 dB				62 GHz 93 dBm	Auto Tune
20.0		. 1				<u> </u>	<u> </u>					Center Freq 13.015000000 GHz
10.0	⊢	^ 1					<u> </u>					Start Freq
0.00	<u> </u>	+										30.000000 MHz
-10.0		+				<u> </u>	<u> </u>				-13.00 dBm	Stop Freq
-20.0	<u> </u>	+										26.00000000 GHz
-30.0			-man	********			monte		~~~~^		mint	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.0	neren	A.L. Parts	- United and a second									Freq Offset
-60.0												0 Hz
	rt 30 I	MHZ								Stop 2	6.00 GHz	
#Re	s BW	1.0	MHz		#VBW	/ 3.0 MHz	*		Sweep 6	4.93 ms (1001 pts)	

Agile	nt S		Chani		andw	idth:	1.4 1	MHz) <u>-</u>	МСН	_QPS	K_1R	3#0
LXI R	۲L	er Freq	^F 50 Ω 4 79.500 I		IO: Wide 🔸 Sain:Low	Trig: Free #Atten: 10	BRUN BRUN D dB	Avg Type Avg Hold:	: RMS 9/100			Frequency Auto Tune
10 d Log		Re div Re	f Offset 9.2 of 9.22 dE	2 dB im						lkr1 10.2 -60.2	76 dBm	Center Freq 79.500 kHz
-10.8	-											Start Freq 9.000 kHz
-20.8	-											Stop Freq 150.000 kHz
-40.8		1									-43.00 dBm	CF Step 14.100 kHz
+60.8 -70.8	m	WYWW	Warnan	Wwwww	www.~whi	huvroyram	www.www.	alphana.	~~~ VYYYYYYYY	MANNA	www.	Auto Man Freq Offset 0 Hz
-80.8												
#Re мsg	s	9.00 kH; BW 1.0	kHz		#VBW	3.0 kHz*		1		Stop 15 74.0 ms (DC Cou		
LX/ R	۲L	R	nalyzer - Swe F 50 Ω₄ 15.0750		NO: Fast ↔ Sain:Low	SENSI Trig: Free #Atten: 16	Run 8 dB	Avg Type Avg Hold:	LIGN AUTO : RMS 9/100	TRAC TYF DE	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 d Log		div Re	f Offset 9.2 of 9.22 dE	2 dB Im						Mkr1 1 -57.80	150 kHz 30 dBm	Auto Tune Center Freq
-0.78												15.075000 MHz Start Freq
-20.8 -30.8											-337.00 dem	150.000 kHz Stop Freq
-40.8		1										30.000000 MHz CF Step 2.985000 MHz
+60.8 -70.8		_										Auto Man Freq Offset
-80.8				es-nepoletillype	andranda	aleelyddiaeneu	en lugarangert	ኯኯ ጜኯ ኯኯ፟፝ኯ	http://www.ww	landeligi an		0 Hz
#Re мsg	s	150 kHz BW 10 I	kHz		#VBW	30 kHz*		\$		Stop 3 68.3 ms (1 DC Cou		
LX/ R	۱L	R	nalyzer · Swe F 50 Ω 13.0150	AC 00000 G	Hz NO: Fast ↔ Sain:Low		Run dB	Avg Type Avg Hold:	: RMS 6/100			Frequency Auto Tune
10 d Log		div Re	f Offset 9.1 ef 30.00 d	dB Bm					MI	kr2 25.6 -32.11	62 GHz 32 dBm	Center Freq
20.0												13.015000000 GHz Start Freq
-10.00											-13.00 dBm	30.000000 MHz Stop Freq
-20.0 -30.0									-			26.00000000 GHz CF Step 2.597000000 GHz
-40.0	r	North Contraction	Longer and	مواجع المراجع المراجع المراجع المراجع		~~~~	and the second sec		lage with	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Auto Man Freq Offset 0 Hz
-60.0												UHZ
Sta #Re	rt : s	30 MHz BW 1.0	MHz		#VBW	3.0 MHz	•	•	Sweep 6	4.93 ms (6.00 GHz 1001 pts)	

	•		nel B	andu	ridth:	1.4	MHz) <u>.</u>	_НСН,	_QPSI	<_1R1	3#0
LXI F	nt Spectrum /	RF 50 Ω,	pt SA			E:PULSE		LIGN AUTO	09:25:30 AN	1 Apr 11, 2017	Frequency
	iter Free	73.500	PN	IO: Wide 🔸	#Atten: 10	∎Run DdB	Avg Type Avg Hold:			E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	
10 a	B/div R	ef Offset 9.2 ef 9.22 dE	2 dB 3m					I	Mkr1 9.2 -60.30	282 kHz 09 dBm	Auto Tune
Log											Center Freq
-0.76											79.500 kHz
-10.8	3										Start Freq
-20.8											9.000 kHz
-30.8											Stop Freq
-40.8										-43.00 dBm	150.000 kHz
-50.8	,										CF Step
-60.8	1										14.100 kHz <u>Auto</u> Man
-70.8		MANNA	MMMMM	Manutry	www.	marinen	where the second	WYYUN	hy way yo	hand was	Freq Offset
			• • •		.1				1 10	W.M	0 Hz
-80.8	, 										
Sta #Po	rt 9.00 kH s BW 1.0	z kHz	1	#\/R\^	3.0 kHz*			Sween 1	Stop 15 74.0 ms (0.00 kHz	
MSG					5.0 KHZ				DC Cou		
CXI F	nt Spectrum /	RE 50 Ω.	A DC		SENSE	E:PULSE		LIGNAUTO	09:25:39 AN	1 Apr 11, 2017	Fraguanay
Cer	nter Freq	15.0750	PI	NO: Fast	Trig: Free #Atten: 16	a Run 5 dB	Avg Type Avg Hold:	: RMS 9/100	TRAC TVF DE	E 1 2 3 4 5 6 E M WWWWWW T A A A A A A	Frequency
	<u>R</u> e	ef Offset 9.2	2 dB						Mkr1 1	150 kHz 31 dBm	Auto Tune
10 c Log	IB/div R	ef 9.22 dE	sm						-58.00		Center Freg
-0.78											15.075000 MHz
-10.8											Start Freq
-20.8											150.000 kHz
-30.8										-33.00 dem	Stop Freq
-40.8	,										30.000000 MHz
-50.8											CF Step
-60.8	2										2.985000 MHz <u>Auto</u> Man
											Freq Offset
-70.8	h.										0 Hz
-80.8	"Hanananah	maleneredente	deriged and the state of the st	and an an an an an an an	wiper males of the Party of the P	patter grillerigts	*****	alter and the states of the second second	monter	HANGertonan	
Sta	rt 150 kHa es BW 10	z							Stop 3	0.00 MHz	
#RC	S BW 10	KIIZ		#VBV	30 kHz*				68.3 ms (
LXI F	nt Spectrum /	RF 50 Ω	AC		SENSE	E:PULSE		ALIGN AUTO	09:25:42 AN	1 Apr 11, 2017	
Cei	nter Freq	13.0150	00000 G	Hz 10: Fast Sain:Low		Run	Avg Type Avg Hold:	RMS	TRAC TYP DE	E 1 2 3 4 5 6 E M WWWWWW T A A A A A A	Frequency
	R	ef Offset 9.1 ef 30.00 c						м	kr2 25.5 -32.54		Auto Tune
10 d	IB/div R	er 30.00 č	iem						-52.54		Center Freq
Log		1	1								13.01500000 GHz
20.0											
	1										
20.0											Start Freq 30.000000 MHz
20.0										-13 00 dBm	Start Freq 30.000000 MHz
20.0 10.0 -10.0										-13.00 dBm	Start Freq
20.0 10.0 -10.0 -20.0										-13.00 dBm	Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz
20.0 10.0 -10.0 -20.0 -30.0								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		-13.00 dBm	Start Freq 30.000000 MHz Stop Freq
20.0 10.0 -10.0 -20.0			energia de la consecta de la conse	an and a start and a start and a start	conception the second			mann	······	-13.00 dBm	Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz 2.5970000 GHz Auto Man
20.0 10.0 -10.0 -20.0 -30.0			ere tange	mon to m	concepting the second			~~~~~		-13.00 dBm	Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz CF Step 2.587000000 GHz
20.0 10.0 -10.0 -20.0 -30.0 -40.0			terrestanten a	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				مربعهم		-13.00 @Pm	Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz 2.597000000 GHz Auto Man Freq Offset
20.0 10.0 -10.0 -20.0 -30.0 -40.0 -60.0 -50.0			(1971) and have a	nego control Control				~~	5top 2:	6.00 GHz	Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz 2.597000000 GHz Auto Man Freq Offset

		l Bandwi	dth: 1.4	MHz)_LCł	1_16QAM_1R	LB#0	
Agilent Spectrum	RF 50 Ω 🕂 C	SA DC	SENSE:PULSE	ALIGN AU	TO 09:23:08 AM Apr 11, 2017	Frequency	
Center Fre	q 79.500 kH	Z PNO: Wide ++ IFGain:Low	Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg Hold: 9/100	TRACE 1 2 3 4 5 6 TVPE MWWWWWW DET A A A A A A	Trequency	
10 dB/div	Ref Offset 9.22 d Ref 9.22 dBm				Mkr1 9.423 kHz -58.560 dBm	Auto Tune	
-0.78						Center Freq 79.500 kHz	
-10.8						79.500 KH2	
-20.8						Start Freq 9.000 kHz	
-30.8							
-40.8					-457.00 clim	Stop Freq 150.000 kHz	
-50.8						CF Step 14.100 kHz	
-60.8 WMM	Mal Malura .	rolloha wandha	. Anton I M	to the Managers	Manapapan Maralan	<u>Auto</u> Man	
-70.8	and the state of the second states of the second st	עאיי איאיי ייעקעיי ייעיייייע	When we we have a strate of the second strate of th	Mar Mar Mar	with all a ball of the start of	Freq Offset 0 Hz	
-80.8							
Start 9.00 k	Hz				Stop 150.00 kHz		
#Res BW 1	0 kHz	#VBN	3.0 kHz*		p 174.0 ms (1001 pts)	L	
LX/ RL	RF 50 Ω ▲	C	SENSE:PULSE	ALIGN AU	TO 09:23:17 AM Apr 11, 2017		
Center Fre	q 15.075000	OMHz PNO: Fast ↔ IFGain:Low	1	Avg Type: RMS Avg Hold: 9/100	TRACE 1 2 3 4 5 6 TVPE MWWWWWW DET A A A A A A	Frequency	
10 dB/div	Ref Offset 9.22 of Ref 9.22 dBm	1B			Mkr1 150 kHz -59.271 dBm	Auto Tune	
-0.78						Center Freq 15.075000 MHz	
-10.8							
-20.8						Start Freq 150.000 kHz	
-30.8					-33.00 089		
-40.8					-33.00 dBm	Stop Freq 30.000000 MHz	
-50.8						CF Step	
-50.8						2.985000 MHz <u>Auto</u> Man	
-70.8						Freq Offset	
N N						0 Hz	
Arright		enterly destations	and many open and the	policies and an origination of the	พนทั่งสุขายของของไปประการสมสังร์ได้เป็นการสมสังร์ไหล		
Start 150 kl #Res BW 1	Hz D KHz	#VBN	30 kHz*	Swee	Stop 30.00 MHz p 368.3 ms (1001 pts)		
MSG	Analyzer - Swept	SA		ST	ratus 🔔 DC Coupled		
LX/ RL	RF 50 Ω q 13.015000	0000 GHz	SENSE:PULSE	Ava Type: RMS	TO 09:23:20 AM Apr 11, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
		PNO: Fast ↔ IFGain:Low	#Atten: 40 dB	Avg Hold: 6/100	Mkr2 25.740 GHz	Auto Tune	
10 dB/div	Ref Offset 9.1 di Ref 30.00 dB	m			-32.383 dBm		
20.0	1					Center Freq 13.015000000 GHz	
10.0	<u> </u>						
0.00	_					Start Freq 30.000000 MHz	
-10.0					-13.00 dBm	Stop Freq	
-20.0						26.000000000 GHz	
-30.0						CF Step 2.59700000 GHz	
-40.0 Auguran		man	and the second	hand	monorated	2.597000000 GHz <u>Auto</u> Man	
-50.0						Freq Offset	
-60.0						0 Hz	
Btart 20 FT					Ptop 06 00 C		
Start 30 MH #Res BW 1	0 MHz	#VBN	/ 3.0 MHz*		Stop 26.00 GHz p 64.93 ms (1001 pts)		
 MSG				81	TATUS		

		-		el Ba	ndwi	dth::	1.4 M	1Hz)_1	ЛСН_	16QA	M_1F	RB#O	
	LX/R		inalyzer - Swo າະ 50 ລ. 1 79.500	kHz			E:PULSE	Ava Type	RMS	09:24:39 AN	4 Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency	
				PI IFO	NO: Wide 🔸 Gain:Low	#Atten: 10	dB	Avg Hold:		lkr1 10.8	551 kHz	Auto Tune	
	10 d Log	B/div R	ef Offset 9.2 ef 9.22 de	3m						-57.74	41 dBm	Center Freq	
	-0.78											79.500 kHz	
	-10.8											Start Freq 9.000 kHz	
	-20.8												
	-40.8										-43.00 dBm	Stop Freq 150.000 kHz	
	-60.8	• 1										CF Step 14.100 kHz	
	+60.8	M.L.M.	markal h	14		LLA LA	An Ale					<u>Auto</u> Man	
	-70.8	a ntura l'Ar	h the workers	NMAN JAA	ՠՠՠՠՠ	NHUNNIKUM	hand a the	NM MM	hanyahan	harring	Waagoo Mada	Freq Offset 0 Hz	
	-80.8												
	Star #Re	L	z kHz	1	#VBW	/ 3.0 kHz*	1	1	Sweep 1	Stop 15 74.0 ms (0.00 kHz 1001 pts)		
	MSG	t Spectrum I	inalyzer - Swe	ant SA						DC Cou			
	LX/ R	L I	য⊧ 50 Ω 15.0750	00 MHz	NO: Fast 🔸	Trig: Free		Avg Type Avg Hold:	LIGN AUTO : RMS 9/100	09:24:48 AN TRAC TVF	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
		R	offset 9.2	IFI 2 dB	Gain:Low	#Atten: 16				Mkr1 ′	150 kHz 22 dBm	Auto Tune	
	10 di Log	B/div R	ef 9.22 dE	5m						-59.2	22 uBM	Center Freq	
	-0.78											15.075000 MHz	
	-10.8											Start Freq 150.000 kHz	
	-20.8										-33.00 dBm		
	-40.8										-55.05 0.011	Stop Freq 30.000000 MHz	
	-50.8	1										CF Step 2.985000 MHz	
	+60.8	<u> </u>										<u>Auto</u> Man	
	-70.8											Freq Offset 0 Hz	
	-80.8	Markey Back 1/1	aligned diamatical	when have a	tashikulan shereda	mplant market	alised when a	an when a week	reveniparte refere	where	here with the second		
	Star #Re	t 150 kH: sBW 10	z kHz		#VBW	/ 30 kHz*			Sweep 3	Stop 3 68.3 ms (0.00 MHz 1001 pts)		
	MSG Agiler	nt Spectrum J	nalyzer - Swe	ept SA						DC Cou			
	LXI R	L I	ε 50 Ω 13.0150	AC 00000 G	GHZ NO: Fast ↔ Gain:Low		BRUN	Avg Type Avg Hold:	RMS	09:24:51 AM TRAC TYF	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency	
	10	Rediv	ef Offset 9.1 ef 30.00 c		Gain:Low	#Atten: 40	, 40		м	kr2 25.6	88 GHz 98 dBm	Auto Tune	
		B/div R										Center Freq	
	20.0	\										13.015000000 GHz	
	0.00											Start Freq 30.000000 MHz	
	-10.0										-13.00 dBm	Stop Freq	
	-20.0											26.00000000 GHz	
	-30.0								n	the same profile	m	CF Step 2.59700000 GHz	
	-40.0	mennen	to the second				and the second second	have me the the				Auto Man	
	-50.0											Freq Offset 0 Hz	
	-60.0												
	#Re	t 30 MHz s BW 1.0	MHz		#VBW	3.0 MHz	*			4.93 ms (6.00 GHz 1001 pts)		
1	MSG								STATUS	3			

		ridth: 1.4 N	MHz)_HCH_	16QAM_1R	B#O
Agilent Spectrum Analyz X RL RF Center Freq 79	50 2 A DC 9.500 kHz PNO: Wide	SENSE:PULSE	ALIGN AUTO Avg Type: RMS Avg Hold: 9/100	09:26:19 AM Apr 11, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
Ref Off 10 dB/div Ref 9	IFGain:Low ffset 9.22 dB 9.22 dBm	#Atten: 10 dB	Γ	/kr1 12.243 kHz -60.397 dBm	Auto Tune
-0.78					Center Freq 79.500 kHz
-10.8					Start Freq
-20.8					9.000 kHz Stop Freq
-40.8				-43.00 abm	150.000 kHz
-50.8 •60.8					CF Step 14.100 kHz <u>Auto</u> Man
	My mar My My Marken	Mun war war	www.www.www.	man many range	Freq Offset 0 Hz
-80.8					
Start 9.00 kHz #Res BW 1.0 kHz	z #VE	3W 3.0 kHz*		Stop 150.00 kHz 174.0 ms (1001 pts) ^{IS} 1 DC Coupled	
Agilent Spectrum Analyz XM RL RF Center Freq 15	50 R ADC	SENSE:PULSE	ALIGN AUTO Avg Type: RMS Avg Hold: 9/100	09:26:28 AM Apr 11, 2017 TRACE 112 3 4 5 6 TYPE MWWWWWW DET A A A A A	Frequency
Ref Of	PNO: Fast IFGain:Low 0.22 dB	#Atten: 16 dB	Avginola: 9/100	Mkr1 150 kHz -58.625 dBm	Auto Tune
10 dB/div Ref 9	9.22 dBm				Center Freq 15.075000 MHz
-10.8					Start Freq
-20.8					150.000 kHz
-30.8				-333.00 dem	Stop Freq 30.000000 MHz
-50.8					CF Step 2.985000 MHz <u>Auto</u> Man
-70.8					Freq Offset 0 Hz
	w	when any any and a start of the second of th	ant many hole and hole and hole and		
Start 150 kHz #Res BW 10 kHz	z #VE	3W 30 kHz*		Stop 30.00 MHz 368.3 ms (1001 pts) ¹⁵ 1 DC Coupled	
Agilent Spectrum Analyz WRL RF Center Freq 13	50 Ω AC	SENSE:PULSE	ALIGN AUTO Avg Type: RMS Avg Hold: 6/100	09:26:31 AM Apr 11, 2017 TRACE 112 3 4 5 6 TYPE MWAWAAA DET A A A A A A	Frequency
Ref Of 10 dB/div Ref 3	PNO: Fast IFGain:Low ffset 9.1 dB 30.00 dBm	#Atten: 40 dB		lkr2 25.688 GHz -32.291 dBm	Auto Tune
20.0					Center Freq 13.015000000 GHz
10.0					Start Freq
-10.0					30.000000 MHz
-20.0				-13.00 dBm	Stop Freq 26.00000000 GHz
-30.0	www.	-	-	han the second s	CF Step 2.597000000 GHz Auto Man
	~~~				Freq Offset
-50.0					0 Hz

# Channel Bandwidth: 3 MHz

Cer	L	n Analyzer - Sv RF 50 9q 79.500	Ω 🕂 DC			E:PULSE	Avg Type Avg Hold:	ALIGN AUTO	09:27:09 AM TRAC	Apr 11, 2017	Frequency
			PI IF	NO: Wide 🔸 Gain:Low	#Atten: 10	e Run 0 dB	Avg Hold:		TYP DE Ikr1 10.1		
10 di Log	3/div	Ref Offset 9 Ref 9.22 c	.22 dB IBM						-58.34	42 dBm	
-0.78											Center Freq 79.500 kHz
-10.8											79.000 KH2
-10.8											Start Freq 9.000 kHz
-30.8											Stop Freq 150.000 kHz
-40.8										-43.00 dbm	CF Step
-60.8	<b>∳</b> ¹										14.100 kHz Auto Man
+60.8	VL WWW	monum	man	mmn	han	hammen	mon	my mor	made mit	many	Freq Offset
-70.8			and herd with a	¥	- r · · ····UqrW	1		1 Y .	- ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	I VY WI	0 Hz
-80.8											
	t9.00 k sBW/1		1	#\/B\M	   3.0 kHz*			Sween 4	Stop 15 74.0 ms (*	0.00 kHz	
#Re MSG	3 DVV 1			#VBW	5.0 KHZ"		•		74.0 ms ( DC Cou		
LXI R	L	n Analyzer - Sv RF 50	Ω 🕂 DC		SENS	E:PULSE	A	ALIGN AUTO	09:27:14 AM	Apr 11, 2017	Frequency
Cen	ter Fre	q 15.075	P	NO: Fast 🔸	Trig: Free #Atten: 10	e Run 0 dB	Avg Type Avg Hold:	9/100	TRAC TVF DE	E 1 2 3 4 5 6 E M WWWWW T A A A A A A	
10 ď	3/div	Ref Offset 9 Ref 9.22 c	.22 dB						Mkr1 1	150 kHz 97 dBm	Auto Tune
											Center Freq
-0.78											15.075000 MHz
-10.8								<u> </u>			Start Freq
-20.8						+	1	<u> </u>			150.000 kHz
-30.8						+	+	<u> </u>		-33.00 dbm	Stop Freq
-40.8		_				+					30.000000 MHz
-50.8	1		-			+	+				CF Step 2.985000 MHz
-60.8	Ľ					+					<u>Auto</u> Man
-70.8						+	+				Freq Offset 0 Hz
-80.8	\ <u>.</u>					<u> </u>	<u> </u>				
Star	՝՝՝եսկանտ t150 k	никиники Hz	.typelanerandereland	Mostral, united	halis-karvarikati	internetic and	416-14-14-1-1-	themberleven	Stop 3	ዛሎቀሳላሳነቅ 0.00 MHz	
	s BW 1			#VBW	30 kHz*				68.3 ms (	1001 pts)	
_	it Spectrur	n Analyzer - Sv	wept SA								
Cer	ter Fre	RF  50 9q 13.015		Hz		e Run	Avg Type Avg Hold:	ALIGN AUTO C RMS 6/100	09:27:17 AM TRAC TYP	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
		Ref Offset 9		NO: Fast ↔ Gain:Low	#Atten: 40	0 dB			kr2 25.5	84 GHz	Auto Tune
10 di Log	3/div	Ref 30.00	dBm	1		T	T		-32.7:	28 dBm	
20.0	-	1									Center Freq 13.015000000 GHz
	Ŷ	· ·						ļ			Otart 5
10.0							<u> </u>	ļ			Start Freq 30.000000 MHz
10.0								L		-13.00 dBm	Stop Freq
							1			-10.00 000	26.000000000 GHz
0.00							-				
0.00 -10.0										2	CF Step
0.00 -10.0 -20.0 -30.0			and the second second		Marken	- Jonesana Maria	mount		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		CF Step 2.597000000 GHz Auto Man
0.00 -10.0 -20.0 -30.0 -40.0	marketanak		portantine republic		and the second	. markar	manun	~~~~^	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~ <b>\$</b>	<u>Auto</u> Man
0.00 -10.0 -20.0 -30.0 -40.0 -50.0	markatanak		profession and a second second	المرور الم			man and a second			~~~ <b>*</b>	CF Step 2.597000000 GHz Auto Man Freq Offset 0 Hz
0.00 -10.0 -20.0 -30.0 -40.0	Jucy Marina			har han	and the second			~~~^^		<b>*</b>	Auto Man Freq Offset

	L F	nalyzer - Swe ≆ 50 Ω. 79.500	<u>∿</u> ⊳⊂ <hz< th=""><th></th><th>SENSE</th><th></th><th>Avg Type Avg Hold:</th><th>LIGN AUTO RMS</th><th>09:28:48 AN TRAC</th><th>Apr 11, 2017</th><th>Frequency</th></hz<>		SENSE		Avg Type Avg Hold:	LIGN AUTO RMS	09:28:48 AN TRAC	Apr 11, 2017	Frequency
	P	of Offset 9.2 ef 9.22 dE	PN	IO: Wide 🔸 Sain:Low	Atten: 10	Run dB	Avg Hold:		Mkr1 9.1	41 kHz	Auto Tune
10 d Log	B/div R	51 9.22 dE							55.6		Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-30.8											Stop Freq 150.000 kHz
-40.8										-43.00 dbm	CF Step
-60.8	1 My MMy	MAAA maa	u.m.cl.a.	www.www.www	w. Milery	na Will Ir Ma	haven Minnen	wh was	he is short	- M Na . A	14.100 kHz <u>Auto</u> Man Freq Offset
-70.8		i o in Mundrat	ant i h i h	<u>88</u> t	ւտի էլև	14.161	φτ <del>ρογ</del> ·	-10 h-1/- 1/-		w	0 Hz
Staı #Re	1 9.00 kH sBW 1.0	z kHz		#VBW	3.0 kHz*			weep 1	Stop 15 74.0 ms (	0.00 kHz 1001 pts)	
MSG	at Construm J	nalyzer - Swe	ot 54					STATUS	🔔 DC Cou	pled	
LXI R	L F	50 Ω. 15.0750	1.□⊂ 00 MHz		SENSE		Avg Type Avg Hold:	RMS	09:28:56 AM TRAC	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 d	B/div R	of Offset 9.2 of 9.22 dE	1F0 2 dB	NO: Fast ↔ Sain:Low	#Atten: 16	dB	Avginoid:	9/100	Mkr1 1	150 kHz 63 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											Start Freq 150.000 kHz
-30.8										-33.00 dem	Stop Freq 30.000000 MHz
-40.8											CF Step
+60.8	↓ 										2.985000 MHz <u>Auto</u> Man Freq Offset
-70.8	White white	he little	where the second	สปาห์การการเกาะ	Longer Destroyed	amiliaditation	and a state of the second	اهوراويرورديراب	Normalia	ulhalmalaa	0 Hz
	t 150 kHz s BW 10	Z			30 kHz*	. A. ANDER DEAL (1981)				0.00 MHz	
MSG Agiler	nt Spectrum A	nalyzer - Swe	pt SA					STATUS	🚹 DC Cou	pled	
LXI R	L F	^{ε 50 Ω} 13.0150		Hz 10: Fast ↔ Sain:Low	SENSE	Run	Avg Type Avg Hold:	RMS 5/100	09:28:59 AN TRAC TYF	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
			IFO	sain:Low	#Atten: 40	40		м		62 GHz	Auto Tune
10 di Log	B/div R	of Offset 9.1 ef 30.00 d	dB Bm						-32.2	36 dBm	
10 di 20.0	B/div R	off Offset 9.1 off 30.00 d	dB Bm						-32.2	36 dBm	Center Freq 13.015000000 GHz
		ef Offset 9.1 ef 30.00 d	dB Bm						-32.2	B6 dBm	
20.0 10.0 0.00 -10.0		of Offset 9.1	dB BM						-32.2	-13.00 dBm	13.015000000 GHz Start Freq
20.0 10.0 0.00		of Offset 9.1	dB Bm						-32.21	36 dBm	13.01500000 GHz Start Freq 30.00000 MHz Stop Freq 26.00000000 GHz CF Step 2.59700000 GHz
20.0 10.0 -10.0 -20.0 -30.0 -40.0		of Offset 9.1 off 30.00 d	dB Bm			J. Contraction of the second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-32.21	36 dBm	13.01500000 GHz Start Freq 30.00000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset
20.0 10.0 -10.0 -20.0 -30.0		ef 30.00 d			~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	يەرىيە مەرىپە مەرىپەر م		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-32.21	36 dBm	13.01500000 GHz Start Freq 30.00000 MHz 25.000000000 GHz 2.597000000 GHz Auto Man

Agiler	it Spe <u>ctrum</u>	Analyzer - Sw		el Bano	dwidth:	: 3 MH	z)_HC				
LXI R	L	RF 50 Ω q 79.500	<u>∧</u> ⊐⊂ kHz			E:PULSE	Avg Type Avg Hold:	RMS	09:30:28 AM TRACE	Apr 11, 2017 1 2 3 4 5 6 MWWWMMW T A A A A A A	Frequency
10 di Log		Ref Offset 9.3 Ref 9.22 di	PI	NO: Wide 🔸	#Atten: 10	) dB	Avg Hold:		kr1 10.9		Auto Tune
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-20.8											Stop Freq
-40.8										-43.00 dbm	150.000 kHz CF Step
-60.8	●1 0. sh t										14.100 kHz Auto Man
	·wulkay	in www.	Marthart	mywania	www.whim	William	WWW	"Warner freedow	May My WA	wayyma	Freq Offset 0 Hz
-80.8											
	t 9.00 kl s BW 1.			#VBW	/ 3.0 kHz*				Stop 15 74.0 ms (1 1 DC Cou		
LXI R	L	Analyzer - Sw RF 50 Ω	▲ DC		SENSE	E:PULSE	Aug. 75.0	LIGNAUTO	09:30:36 AM	Apr 11, 2017	Frequency
		q 15.0750	P	NO: Fast 🔸	#Atten: 16	Run 5 dB	Avg Type Avg Hold:	9/100	Mkr1 1	50 kHz	Auto Tune
10 di Log	B/div F	Ref Offset 9.2 Ref 9.22 di	3m						-58.58	39 dBm	Center Freq
-0.78											15.075000 MHz
-20.8											Start Freq 150.000 kHz
-30.8										-33.00 dem	Stop Freq 30.000000 MHz
-50.8	1										CF Step 2.985000 MHz <u>Auto</u> Man
·60.8 -70.8	-										Freq Offset
-80.8	WHATHAN	rtatraditionalista	and and held a left to a	www.wihaten.au	-constructions	LADIN MANDA	tort not a top to subs	_{าคาส} ุกรุง	t ward from the	hiltoriastriantificity	0 Hz
Star #Re	t 150 kH s BW 10	lz			30 kHz*	1		Sweep 3		).00 MHz 1001 pts)	
	it Spectrum	Analyzer - Sw	ept SA								
Cen	iter Fre	RF 50 Ω q 13.0150	AC 000000 G	Hz NO: Fast ++ Gain:Low		Run	Avg Type Avg Hold:	EIGN AUTO RMS 6/100	09:30:39 AM TRACE TYPE	Apr 11, 2017	Frequency
10 di Log	B/div F	Ref Offset 9. Ref 30.00	l dB	Gain:Low	#Atten: 40				kr2 25.6		Auto Tune
20.0	0	1									Center Freq 13.015000000 GHz
10.0											Start Freq 30.000000 MHz
-10.0										-13.00 dDm	Stop Freq
-20.0										2	26.00000000 GHz
-30.0	At a second second		- Marmanthan	-	en marine marine	and the second second	m	$\sim$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m	2.597000000 GHz <u>Auto</u> Man
-50.0											Freq Offset 0 Hz
a = 1		-	1	1							
-60.0 Star	t 30 MH s BW 1.1	z			3.0 MHz				Stop 26 4.93 ms (1	5.00 GHz	

(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0	
Applient Spectrum Analyzer - Swept SA         Align Autor 009:27:55 AM Apr 11, 2017           R L         RF         100 aboc         Frequency           Canter Ency 70 500 kHz         Avg Tube: RMS         TRACE 12 3 4 5 6         Frequency	
PND: Wilds	
Ref Offset 9.22 dB Mkr1 10.833 kHz Auto Tune	
10 dB/div Ref 9.22 dBm60.153 dBm60.150 dBm60.153 dBm60.150	
0.78 79.500 kHz	
10.8 Start Freq	
20.8 9,000 kHz	
30.8	
40.8 Stop Freq 150.000 kHz	
▲1. L L L L L L L L L L L L L L L L L L L	
⁶⁰⁰ Martin and A	
70.8 TO AND THE AND	
8.8	
Start 9.00 kHz Stop 150.00 kHz	
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)	
1950 STATUS 🚹 DC Coupled	
Ref Offset 9.22 dB Auto Tune og Set Offset 9.22 dB	
Center Freq	
0.78 15.075000 MHz	
10.8 Start Freq	
20.8 150,000 kHz	
30.8	
40.8 30.000000 MHz	
60.8 CF Step 2.986000 MHz	
2.985000 MHz Auto Man	
Eran Offrat	
0 Hz	
808 Julymerskaller en free the second of the	
Start 150 kHz Stop 30.00 MHz	
#Res BW 10 kHz         #VBW 30 kHz*         Sweep 368.3 ms (1001 pts)           Inso         STATUS (LOC Coupled	
Iglient Spectrum Analyzer - Swept SA	
R.C.         Iso 1         Submetries         ALL Strature         Distance 10 (submetries and submetries)         Distance 11 (submetries and submetries)         Distance 10 (submetries and submetries)         Frequency	
IFGain:Low #Atten: 40 dB Mkr2 25.636 GHz Auto Tune	
-00	
20.0	
0.00 Start Freq 30.00000 MHz	
10.0	
20.0	
30.0 CF Step 2.597000000 GHz	
40.0 mountain and a second a second a second a	
60.0 Freq Offset 0 Hz	
60.0 O HZ	
Start 30 MHz Stop 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)	
IBG STATUS	

		(C	hannel	Band	width:	3 MHz	:)_MCI	H_16C	AM_1	RB#0		
	LXI RL	um Analyzer - Swi RF 50 Ω	opt SA		SENS	E:PULSE	Aug Trees		09:29:37 AN	1 Apr 11, 2017	Frequency	
	Center F	req 79.500	KHZ PN IFC	IO: Wide 🔸	Trig: Free #Atten: 10	Brun D dB	Avg Type Avg Hold:			E 1 2 3 4 5 6 E M W W W W W W W W W W W W W W W W W W		
	10 dB/div	Ref Offset 9.2 Ref 9.22 di	22 dB					м	kr1 16.7	755 kHz 98 dBm	Auto Tune	
	10 dB/div	1 0.22 U									Center Freq	
	-0.78										79.500 kHz	
	-10.8										Start Freq	
	-20.8										9.000 kHz	
	-30.8										Stop Freq	
	-40.8									-43.00 dbm	150.000 kHz	
	-50.8									-43.00 dbm	CF Step	
		,1									14.100 kHz Auto Man	
	-60.8 WWW	VM Low n.M. Mah	Mar OM MAY		m. Marth	Amaran Mr.	LM Anth	A	A	0		
	-70.8	Truck of	in in the last	Adl. A MUM.	illa. Arada	C M Nut . N . I	M	. W.	pe front that the	m portal	Freq Offset 0 Hz	
	-80.8											
	Start 9.00	kHz	1						Stop 15	0.00 kHz		
	#Res BW	1.0 kHz		#VBW	3.0 kHz*		\$		74.0 ms (	1001 pts)		
	Agilent Spectr	um Analyzer - Sw	ept SA									
	LX/ RL	RF 50 Ω req 15.0750			SENSI	E:PULSE	Avg Type Avg Hold:	RMS	09:29:45 AN TRAC TVF DE	Apr 11, 2017	Frequency	
				NO: Fast ↔ Sain:Low	#Atten: 16	3 dB	Avaluate:				Auto Tune	
	10 dB/div	Ref Offset 9.2 Ref 9.22 d	22 dB Bm						-58.6	150 kHz 08 dBm		
	-0.78										Center Freq	
											15.075000 MHz	
	-10.8										Start Freq	
	-20.8										150.000 kHz	
	-30.8									-33.00 dBm	Stop Freq	
	-40.8										30.00000 MHz	
	-50.8										CF Step 2.985000 MHz	
	-60.8										<u>Auto</u> Man	
	-70.8										Freq Offset	
	I N										0 Hz	
	·••••	hinestration to	1	hatta halabarrari	allowallevel	ware water a state	hely protections	washawaan	hardweither	ĸ₽₫ _{₽₽} ₽₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩		
	Start 150 #Res BW	kHz 10 kHz		#\/B\//	30 kHz*			ween 3	Stop 3 68.3 ms (	0.00 MHz		
	MSG				50 ATT2				DC Cou			
	LX/ RL	um Analyzer - Sw RF 50 ຄ	AC		SENSI	E:PULSE		LIGNAUTO	09:29:48 AM	1 Apr 11, 2017	Fraguapay	
	Center F	req 13.0150	000000 G	Hz 10: Fast 🔸 Sain:Low	Trig: Free #Atten: 40	a Run D dB	Avg Type Avg Hold:	6/100	TRAC TYP DE	E 1 2 3 4 5 6 E M WWWWWW T A A A A A A	Frequency	
		Ref Offset 9.7 Ref 30.00 (						м	kr2 25.6 -31.9:	62 GHz	Auto Tune	
	10 dB/div	Ref 30.00 (	uem						-51.8		Center Freq	
	20.0										13.015000000 GHz	
	10.0										Start Freq	
	0.00										Start Freq 30.000000 MHz	
	-10.0											
	-20.0									-13.00 dBm	Stop Freq 26.00000000 GHz	
										2	CE Stop	
	-30.0						n n n n n n	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man	m	<b>CF Step</b> 2.597000000 GHz <u>Auto</u> Man	
	-40.0 margh-and	John Com		haven and the second	m	- we we we	- and -					
	-50.0										Freq Offset 0 Hz	
	-60.0											
	Start 30 M	/Hz							Ston 2	6.00 GHz		
	#Res BW	1.0 MHz		#VBW	3.0 MHz	*	1	Sweep 6	4.93 ms (	1001 pts)		
1	MSG							STATUS				

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0
nt Spectrum Analyzer - Swept SA
LL RF 30 2 ▲ DC SENSEF LS 28 ALSOLANTC 09:311.6AM Apr.1, 2017 Ter Freq 79.500 KHz PN0: Wide → Trig: Free Run Avg Type: RMS TRact 12:34:50 FRGain:Up # Attent: 10 dB Oct AAAAA
Ref Offset 9.22 dB         Mkr1 11.679 kHz         Fdd 7 dia           IB/div         Ref 9.22 dBm         -59.443 dBm
Center Freq
79.500 kHz
Start Freq
9.000 kHz
Stop Freq
150.000 kHz
Man the start and the start and the start and the start at the start a
·····································
rt 9.00 kHz Stop 150.00 kHz es BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)
 STATUS 🚹 DC Coupled
nt Spectrum Analyzer - Swept SA RL RF 50 0 00:31:25 AM Apr 11, 2017
tt requency ter Freq 15.075000 MHz Trig: Free Un Avg Type: RMS TRIG: 12.3.4.5.0 IFGoint.ov #Atten: 16 dB OrgHold: 9/100 OF TYPE Newwork
Defore the second secon
Ref Offset 9.22 dB         Mkr1 150 kHz         Fdd 7 dia           B/div         Ref 9.22 dBm         -58.184 dBm
Center Freq 15.075000 MHz
Start Freq
150.000 kHz
30.000000 MHz
CF Step 2.985000 MHz
Auto Man
Freq Offset
What we appear is a description of an interaction and a statement of a description and an extension of a statement of a statem
rt 150 kHz Stop 30.00 MHz es BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts)
 status 🔥 DC Coupled
 nt Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSER/ULSE ALIGNAUTO 09:31:28 AM Apr 11, 2017
ter Freq 13.015000000 GHz Frequency PRO: Fast →→ If Gain: User 3 d d b Frequency #Atter 3 d d b Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency
Ref Offset 9.1 dB Mkr2 25.688 GHz Auto Tune
Center Freq 13.01500000 GHz
Start Freq
, 30.00000 MHz
1300 dBm
26.00000000 GHz
CF Step
2.597000000 GHz Auto Man
Freq Offset 0 Hz
rt 30 MHz Stop 26.00 GHz es BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)
STATUS

# Channel Bandwidth: 5 MHz

Agiler LXI R		rum A	nalyzer - Swe				E:PULSE	/•	ALIGN AUTO	SK_1F	Apr 11, 2017	-
Cer	nter F		79.500	19	NO: Wide	7	e Run	Avg Type Avg Hold:	RMS	TRACI	123456 MMMMMM	Frequency
10 d	B/div	Re Re	f Offset 9.2 of 9.22 di		Gain:Low				м	lkr1 10.2		
-0.78												Center Freq 79.500 kHz
-10.8	<u> </u>											Start Freq
-20.8												9.000 kHz Stop Freq
-40.8											-43.00 dbm	150.000 kHz
-60.8	<b>●</b> ¹											CF Step 14.100 kHz <u>Auto</u> Man
-70.8	n yn	mila,	1 pp of mark	l _{nor} dykovydye	mmunit	n why hy	www.Www	n.Mponryl	^{wu} uwww.m	MAYMM	MANA	Freq Offset 0 Hz
-80.8											<i>.</i>	
#Re	t 9.00 s BW	0 kH / 1.0	z kHz		#VBW	3.0 kHz*				74.0 ms ('		
MSG Agile	nt Spect	rum A	nalyzer - Swe	ept SA						🔥 DC Cou		
LXI R	L	F	^{ε 50 Ω} 15.0750	A⊡⊂ DOO MHz	NO: Fast 🔸	Trig: Free	E:PULSE	Avg Type Avg Hold:	IIGN AUTO RMS 9/100	09:32:12 AM TRACI TYP	Apr 11, 2017 1 2 3 4 5 6 MWWWWWW A A A A A A	Frequency
10 d	B/div	Re	of Offset 9.2 of 9.22 di	IFO	Gain:Low	#Atten: 10	u dB			Mkr1 1	50 kHz 33 dBm	Auto Tune
-0.78												Center Freq 15.075000 MHz
-10.8	<u> </u>											Start Freq
-20.8											-33.00 dbm	150.000 kHz Stop Freq
-40.8												30.000000 MHz
-50.8	1											CF Step 2.985000 MHz <u>Auto</u> Man
-70.8												Freq Offset 0 Hz
-80.8		WAL WA	physer Miller	hoderlynnigdynododor	+interversion	Internet	at your they will be	ghaph da-p ^{an} addynada	unormotion	g. Natura Antini per Para	Apaportality	
Stai #Re	t 150 s BW	kH2	:			30 kHz*	•		Sweep 3	Stop 30 68.3 ms (*	0.00 MHz 1001 pts)	
Agile		rum A	nalyzer - Swe	ept SA						DC Cou		
Cer		req	13.0150 13.0150	AC 000000 G	SHZ NO: Fast 🔸	7	e Run 0 dB	Avg Type Avg Hold:	LIGN AUTO : RMS 6/100	09:32:15 AM TRACI TYP DE	Apr 11, 2017	Frequency
10 d	B/div	Re Re	of Offset 9.1	IdB	Gam:LOW	#CAUVIL 40			м	kr2 25.6		
20.0		\∂ ¹										Center Freq 13.015000000 GHz
10.0		Ŷ.										Start Freq 30.000000 MHz
-10.0											-13.00 dDm	Stop Freq
1												26.00000000 GHz
-20.0		+			han	~~~	m	mm	mm	m	~~~~	<b>CF Step</b> 2.597000000 GHz <u>Auto</u> Man
-30.0			ma .									
	flunger of the		annal margari									Freq Offset 0 Hz
-30.0 -40.0	purgement and		and many all the second se									Freq Offset 0 Hz

Frequency	Apr 11, 2017	09:33:40 AM		Avg Type	E:PULSE	SENS		L DC		. RI	XI RI
	E 1 2 3 4 5 6 E MWWWWW T A A A A A A		9/100	Avg Hold:	e Run 0 dB	#Atten: 1	O: Wide 🔸	PN	79.500 k	ter Freq	cen
Auto Tune	000 kHz 26 dBm	/lkr1 9.0 -59.52	Г					2 dB	f Offset 9.2: f 9.22 dB	Re Maiv Re	10 de Log i
Center Freq											_
79.500 kHz											-0.78
Start Freq											-10.8
9.000 kHz											-20.8
Stop Freq 150.000 kHz											-30.8
	-43.00 dgm										-40.8
CF Step 14.100 kHz <u>Auto</u> Man										1	-60.8
		wayon water	an in the	. M MM	a all wh	NA. 10.15 .	ind where	л. ».Ли ».	. Ma	WWW WWW	-60.8
Freq Offset 0 Hz	~n~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ᠳ᠁ᡁᢛ _ᢂ ᠬᡢᡙᢪ	* hirdry di	av Helet i	<u>ייץ ףארי</u>	Manna Ma	t, he court at the	alta . Mafa	AL LANDARIAN	10 Web	-70.8
											-80.8
	0.00 kHz	Stop 15		L					z	t 9.00 kHz	Star #D
L		74.0 ms (1 <u>1</u> DC Coup				/ 3.0 kHz*	#VBW		KHZ	s BW 1.0	#Re: MSG
Ereguine	Apr 11, 2017	09:33:49 AM	LIGNAUTO		E:PULSE	SENS		1 DC		. RI	X/RI
Frequency	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	TRACE TYPE DEI	RMS	Avg Type Avg Hold:	e Run 6 dB	Trig: Fre #Atten: 1	IO: Fast 🔸		15.0750	ter Freq	Cen
Auto Tune	150 kHz 91 dBm							2 dB	f Offset 9.22 of 9.22 dB	Re 3/div Re	10 de Log I
Center Freq 15.075000 MHz											-0.78
											-10.8
Start Freq 150.000 kHz											-20.8
Stop Freq	-33.00 dBm										-30.8
30.000000 MHz											-40.8
CF Step											-60.8
2.985000 MHz <u>Auto</u> Man										1	-60.8
Freq Offset											-70.8
0 Hz			_							he l	-80.8
		where	<del>አ</del> ግን የአዋም ምርቅ	un the filter	laging abstration and	un hopenterer	www.hpilu.t.a.	n <del>al haraba</del> rahin			
		38.3 ms (1		1		30 kHz*	#VBW		кНz	t 150 kHz s BW 10 k	#Re:
	pled	🚹 DC Cou	STATUS					pt SA	nalyzer - Swe	t Spectrum A	мsg Agilen
Frequency	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	09:33:52 AM TRACE TVPE	RMS 6/100	Avg Type Avg Hold:	e:PULSE	7	Hz	AC 00000 G	F 50 Ω 13.0150	P	Y RI
Auto Tune	14 GHz	(r2 25.7			0 dB	#Atten: 4	IO: Fast ↔ ain:Low		f Offset 9.1	Re	
	35 dBm	-31.93						Bm	f Offset 9.1 ef 30.00 d	3/div Re	10 de Log
Center Freq 13.015000000 GHz										. 1	20.0
Start Freq										^1	10.0
30.000000 MHz											0.00
Stop Freq	-13.00 dBm										-10.0
26.00000000 GHz											-20.0
CF Step 2.597000000 GHz											-30.0
<u>Auto</u> Man	white a contraction of	man	mann	man	hand	m	www.		we have	No. Parmana	-40.0
Freq Offset									÷4.	,	-50.0
0 Hz											-60.0
	6.00 GHz									t 30 MHz	

(Channel Bandwidth: 5 MHz)_H	ICH_QPSK_1RB#0
Agilent Spectrum Analyzer - Swept SA           XX         RL         RF         S0.0 ₫         SENSE:PULSE	ALIGNAUTO 09:35:14 AM Apr 11, 2017
Center Freq 79.500 kHz Avg T PNO: Wide →→ Trig: Free Run Avg He IFGain:Low #Atten: 10 dB	ALEXAUTO 09:35:14AM.Apr.13,2017 ype: RMS pe: RMS old: 9/100 TYTE(M.WWWWW per/A A A A A A
Ref Offset 9.22 dB	Mkr1 9.000 kHz Auto Tune -57.173 dBm
10 dB/div Ref 9.22 dBm	Center Freq
-0.78	79.500 kHz
-10.8	
-20.8	Start Freq 9.000 kHz
-30.8	
	Stop Freq 150,000 kHz
-40.8	-43.00 cem
-60.8 1	CF Step 14.100 kHz Auto Man
60.8	
1000 march all march and a war and a	MANAWIN WYN WYN Freq Offset
-80.8	
Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz*	Stop 150.00 kHz Sweep 174.0 ms (1001 pts)
мва	STATUS 🔥 DC Coupled
Agilent Spectrum Analyzer - Swept SA X RL RF 50 0 A DC SENSE:PULSE	ALIGNAUTO 09:35:23 AM Apr 11, 2017 VDE: RMS TRACE 12.2.4.5.6 Frequency
Center Freq 15.075000 MHz Avg T PNO: Fast Trig: Free Run Avg He IFGain:Low #Atten: 16 dB	old: 9/100
Ref Offset 9.22 dB	Mkr1 150 kHz Auto Tune -60.098 dBm
10 dB/div Ref 9.22 dBm	
-0.78	Center Freq 15.075000 MHz
-10.8	
-20.8	Start Freq 150.000 kHz
-30.8	
-40.8	
-50.8	CF Step 2.985000 MHz Auto Man
-60.8	Auto Man
-70.8	Freq Offset
-80.8	
-80.8 Human Haller was in the provided with the production of a discrimination of the state of t	
Start 150 kHz #Res BW 10 kHz #VBW 30 kHz*	Stop 30.00 MHz Sweep  368.3 ms (1001 pts)
 MSG	STATUS L DC Coupled
Agilent Spectrum Analyzer - Swept SA           Μ         RL         RF         50 Ω         AC         SENSE:PULSE	ALIGN AUTO 09:35:25 AM Apr 11, 2017
Center Freq 13.015000000 GHz Avg T PRO: Fast Trig: Free Run Avg He IF Gain:Low #Atten: 40 dB	ALIGNATIO (00:55:55 AM APT 11,2017) Vpc: RMS TRACE [12:34:5.6 old: 6/100 TVPE MWWWWWW DET A A A A A A
	Mkr2 25.636 GHz -32.256 dBm
Ref Offset 9.1 dB 10 dB/div Ref 30.00 dBm	
20.0	Center Freq 13.015000000 GHz
10.0	
0.00	30.00000 MHz
-10.0	-13.00 dBm Stop Freq 26.00000000 GHz
-20.0	
-30.0	2.59700000 GHz
40.0 monor and a superior and and a superior	Auto Man
-50.0	FreqOffset
	0 Hz
-60.0	
	Stop 26.00 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz*	Sweep 64.93 ms (1001 pts)

If Call.dow         Auto Tune         Auto Tune         Auto Tune           1000000000000000000000000000000000000	RL	RI	nalyzer - Swe F 50 Ω 2 79.500 ₽			SENSE		Avg Type: Avg Hold:	LIGN AUTO	09:32:52 AM	Apr 11, 2017	Frequency
Log Criter Freq 10 To Criter Fr		Re		PN IFC	10: Wide ↔ Sain:Low	#Atten: 10	dB	Avg Hold:		kr1 11.1	115 kHz	Auto Tune
200       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       300       3	-		. GILL UE									
30         30         30         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300												
100       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       000       0												Stop Freq
dots											-45.00 dbm	CF Step
400     Start 0.00 kHz     Stop 150.00 kHz       Btart 0.00 kHz     #VBW 3.0 kHz     Stop 150.00 kHz       Attern 1.00 kHz     #VBW 3.0 kHz     Stop 150.00 kHz       Attern 1.00 kHz     #VBW 3.0 kHz     Stop 150.00 kHz       Attern 1.00 kHz     #VBW 3.0 kHz     Stop 150.00 kHz       Attern 1.00 kHz     #VBW 3.0 kHz     Stop 150.00 kHz       Attern 1.00 kHz     Tree Free Run     Aug Tree Run       20 gBrain     Ref Orfant 9.22 dBm     Center Freq       0.00 kHz     Stop 150.00 kHz     Stop 150.00 kHz       10 gBrain     Ref Orfant 9.22 dBm     Center Freq       0.00 kHz     Stop 150.00 kHz     Stop 150.00 kHz       0.00 kHz     Stop 30.00 kHz     Stop 30.00 kHz       0.00 kHz     Stop 70.00 kHz     Stop 70.00 kHz       0.00 kHz     Stop 70	. <b> </b> ♥.'	n Martan	walk w. D		መንፖው አለለ።	- ሌ በ ላ ሶሳ		with the second	1 A	A 0.04	Λ	<u>Auto</u> Man
Start 2.00 kHz #Res BW 1.0 kHz #Res BW		<u>н </u>	. , -wirwy,	nwr VV	η «ψτημα»	~ (1# v W/V	MIN MU	יזיייין	ኯኯ፟፟፟ኯኯኯኯ	r M _A rwi WirW	hitan ang ang ang ang ang ang ang ang ang a	
Intel         Intel De Coupled           Adiana Spezificana da Spezifica al S	art 9.	.00 kHz	z kHz		#\/R\//	3.0 kH7*			ween 1	Stop 15	0.00 kHz	
Bit Int         Intel Test Production         Description         Average         Description         Prequency           Center Freq 15.075000 MHz         Trig Freq and         Average         Averag	1					5.0 AH2						1
Ber Offset 0.22 dB         Mkr1 150 kHz         Auto Tune           10 gB/div         Ref 07set 0.22 dB	RL	RI	F 50 Ω/					Avg Type:	LIGN AUTO RMS	09:33:01 AN TRAC	Apr 11, 2017 E 1 2 3 4 5 6	Frequency
Conter Freq         Center Freq           0.70         Center Freq           1.70         Freq Center           0.70         Center Freq <tr< td=""><td></td><td>Re</td><td></td><td>PI IFC</td><td>NO: Fast ↔ Sain:Low</td><td>Trig: Free #Atten: 16</td><td></td><td>Avg Hold:</td><td>8/100</td><td>Mkr1 1</td><td>150 kHz</td><td>Auto Tune</td></tr<>		Re		PI IFC	NO: Fast ↔ Sain:Low	Trig: Free #Atten: 16		Avg Hold:	8/100	Mkr1 1	150 kHz	Auto Tune
20.8	-		, oizz ue									
30.8												
40.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0											-33.00 dem	Stop Freq
1       2.985000 MHz         00.8       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	.8											30.000000 MHz
30.0     0.0 Hz       30.0     0.0 Hz       30.0     0.0 Hz       30.0     0.0 Hz       Start 150 kHz     stop 30.00 MHz       #Kei     Sweep 368.3 ms (1000 pts)       And     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Andreas Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep 368.3 ms (1000 pts)     maximum Andreas Sweep 368.3 ms (1000 pts)       Boold Sweet Must Sweep	1											2.985000 MHz
Start 150 kHz         Stop 30.00 MHz           Res BW 10 kHz         #VBW 30 kHz*         Sweep 368.3 ms (1001 pts)           Med         prave         DC Coupled           Aglent Suetron Analyzer, Sweep 15A         Allon Analyzer, Sweep 15A         Allon Analyzer, Sweep 15A           Med         Prave         DC Coupled           Aglent Suetron Analyzer, Sweep 15A         Allon Analyzer, Sweep 15A         Allon Analyzer, Sweep 15A           Med         Processor         Allon Analyzer, Sweep 15A         Allon Analyzer, Sweep 15A           Med         Ref Offset 9.1 dB         Serveral         Allon Analyzer, Sweep 15A           10 dB/div         Ref Offset 9.1 dB         Mkr2 25.662 GHz         Aluto Ture           10 dB/div         Ref 30.00 dBm         -32.185 dBm         Aluto Ture           20 d         -1         -1         -1         -1         -1           10 dB/div         Ref 30.00 dBm         -32.185 dBm         Start Freq         30.000000 MHz           20 d         -1         -1         -1         -1         -1         -1           10.0         -1         -1         -1         -1         -1         -1           20 d         -1         -1         -1         -1         -1 <td< td=""><td>.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	.8											
#Res EW 10 kHz     #VBW 30 kHz*     Sweep 368.3 ms (1001 pts)       wso     istrue is DC Coupled       Action Spectrum Analyzer, Sweep 36.     istrue is DC Coupled       int     int     istrue is DC Coupled       int     int     istrue is DC Coupled       int     istrue is DC Coupled     istrue is DC Coupled       int     istrue is DC Coupled     istrue is DC Coupled       int     istrue is DC Coupled     istrue is DC Coupled       int     istrue is DC Coupled     istrue is DC Coupled       int     istrue is DC Coupled     istrue is DC Coupled       int     istrue istrue is DC Coupled     istrue istr				¹ ป้าง ¹⁰ 8 ₈ 48504893856	gerberey ward in	rydwrllwyhraug	witter da, historically	<b>militaria</b> napanal	dertitrystaphylind			
Apploint Spectrum Analyzer, Swept 54         Spectrum Analyzer, Swept 54         Spectrum Analyzer, Swept 54         Frequency           Center Freq 13.015000000 GHz ECalinLow         Trig: Free Run #Atten: 40 dB         Avgitheis: 6/100         Trig: Free Run #Atten: 40 dB         Avgitheis: 6/100         Trig: Trig: Free Run #Atten: 40 dB         Frequency         Frequency           10 dB/div         Ref Offset 31 dB         Mkr2 256.662 GHz -32.185 dBm         Auto Tune           200         1         1         1         1         1           10.00         1         1         1         1         1         1           200         1         1         1         1         1         1         1           200         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td< td=""><td>tes B</td><td>SU KHZ</td><td>kHz</td><td></td><td>#VBW</td><td>30 kHz*</td><td></td><td>5</td><td></td><td>58.3 ms (</td><td>1001 pts)</td><td></td></td<>	tes B	SU KHZ	kHz		#VBW	30 kHz*		5		58.3 ms (	1001 pts)	
Center Freq 13.015000000 GHz Ploi Fat         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS AvgHeid: 6/100         Trig: Free Run Histori. 40 dB         Avg Type: RMS Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS         Trig: Free Run Histori. 40 dB         Avg Type: RMS         Avg Type: RMS <td>RL</td> <td>RI</td> <td>F 50 Ω</td> <td>AC</td> <td></td> <td>SENSE</td> <td>:PULSE</td> <td>4</td> <td></td> <td>09:33:04 AN</td> <td>1Apr 11, 2017</td> <td>- Free</td>	RL	RI	F 50 Ω	AC		SENSE	:PULSE	4		09:33:04 AN	1Apr 11, 2017	- Free
10 gBHeliv     Ref 30.00 dBm     -32.185 dBm       200     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       10.0     1     1       10.0     1     1       10.0     1     1       10.0     1     1       10.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1     1       20.0     1       2				PI IFC	iHz NO: Fast ↔ Sain:Low		Run	Avg Type: Avg Hold:	RMS 5/100	TRAC TYP DE (r2 25.6	62 GHz	
200       1       1       13.015000000 GHz         10.0       1       13.015000000 GHz       30.000000 GHz         20.0       1       13.015000000 GHz       13.015000000 GHz         30.0       1       13.015000000 GHz       13.015000000 GHz         30.0       1       1       13.015000000 GHz       13.015000000 GHz         30.0       1       1       13.015000000 GHz       13.015000000 GHz         30.00       1       1       13.015000000 GHz       13.015000000 GHz         30.00       1       1       13.015000000 GHz       13.015000000 GHz         30.00       1       1       1       13.01500000 GHz         30.00       1       1       1       1       14.0000000 GHz         40.0       1       1       1       1       1       1         60.0       1       1       1       1       1       1         60.0       1       1       1       1       1       1         60.0 </td <td>dB/di</td> <td>iv Re</td> <td>f 30.00 d</td> <td>Bm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-32.18</td> <td>85 dBm</td> <td>0</td>	dB/di	iv Re	f 30.00 d	Bm						-32.18	85 dBm	0
10.0	0.0	1										
20.0         30.0         30.0         26.00000000 GHz         26.000000000 GHz         26.000000000 GHz         26.000000000 GHz         26.00000000000000 GHz         26.000000000 GHz         26.00000000 GHz         26.0000000 GHz         26.00000000 GHz         26.0000000 GHz		Ť										
200	.0										-13.00 dBm	
40.0         25.57000000 GHz           40.0         Man           50.0         0           60.0         0											2	CF Step
-60.0			and a series	<b>6.8:*</b> ***********************************	war where	-	~~~~	www	$\sim$	, marine	www.	2.597000000 GHz <u>Auto</u> Man
	.0											

CON	L	F		1 DC		SENSE	E:PULSE	Avg Type		09:34:25 AM	Apr 11, 2017	Frequency
Cer	ter F	eq	79.500	PI	NO: Wide 🔸 Gain:Low	Trig: Free #Atten: 10		Avg Hold:	9/100		E 123456 E MWWWWW T A A A A A A	
10 d Log	3/div	Re Re	of Offset 9.2 of 9.22 dE	2 dB 3m					м	kr1 12.8 -59.29	307 kHz ∋0 dBm	Auto Tune
_												Center Freq
+0.78												79.500 kHz
-10.8												Start Freq
-20.8												9.000 kHz
-30.8												Stop Freq
-40.8											-43.00 dbm	150.000 kHz
-60.8	<b>A</b> 1											CF Step 14.100 kHz
+60.8	IN MAL	Ant a	الم م م ا		ň .	. 6 a (M)						<u>Auto</u> Man
-70.8	v	my	MAN AN A	Nerten In Mary	1 Margarethan	Winh	Mr Mr Mr	when the	han Man	approversion	and the property of the second	Freq Offset 0 Hz
-80.8												
										Stor 17	0.00	
#Re	t 9.00 s BW	кн 1.0	z kHz		#VBW	3.0 kHz*				74.0 ms (		
MSG	t Spectr	um A	nalyzer - Swe	unt SA					STATUS	🚹 DC Cou	pled	
LXI R	L	F	ະ ∣50 Ω. 15.0750				E:PULSE	Avg Type	RMS	09:34:33 AM TRAC	Apr 11, 2017	Frequency
				P	NO: Fast 🔸 Gain:Low	#Atten: 16		Avg Hold:	8/100			Auto Tune
10 d	3/div	Re	f Offset 9.2 of 9.22 dE	2 dB 3m						-59.37	150 kHz 71 dBm	
-0.78												Center Freq
												15.075000 MHz
-10.8												Start Freq
-20.8												150.000 kHz
-30.8											-33.00 dBm	Stop Freq
-40.8												30.000000 MHz
-60.8	1											CF Step 2.985000 MHz
+60.8	-											<u>Auto</u> Man
-70.8												Freq Offset 0 Hz
-80.8	hund	Nam		والمرود المادين		Walability - a Miler +	و بر بار والمور	history	nth ha too bi - 1	وراغا والمراجع	ي الم معاد	
84-				NIT THE OTHER DRIVE	ana Nilah, kalika jingka	. <b></b>	uran munition	udhe na Oleren (VI)	a water the second			
#Re	t 150 s BW	10	kHz		#VBW	30 kHz*		:		68.3 ms (		
MSG	t Spectr	um A	nalyzer - Swo	pt SA	_			_	STATUS	1 DC Cou	pled	
LX/ R	L	F	50 Ω 13.0150	AC 00000 G	Hz	7	E:PULSE	Avg Type Avg Hold:	LIGN AUTO	09:34:36 AM TRAC	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
				P IF	NO: Fast 🔸 Gain:Low	#Atten: 40	0 dB	Avg Hold:		kr2 25.6		Auto Tune
10 d Log	3/div	Re	of Offset 9.1 of 30.00 d	dB IBm				1	141	-32.0	58 dBm	
20.0												Center Freq 13.015000000 GHz
10.0		ി										
		[										Start Freq 30.000000 MHz
0.00												
-10.0		F									-13.00 dBm	Stop Freq 26.00000000 GHz
		1										
-20.0		+							A N	~ ~ ~	www	CF Step 2.597000000 GHz Auto Man
-20.0		Jun	when when	ond an India phone and a	- And a contraction	and a start of the second	and the second	man man	ا المعليمة الم			
	havene				1		1	1				Freq Offset
-30.0	hardenda											0 Hz
-30.0 -40.0	harman											
-30.0 -40.0 -50.0 -60.0	t 30 N	464								Stop 0	6.00 GHz	

Fraguerer	Mápr 11, 2017	AM_1	ALIGN AUTO		E:PULSE			DC	nalyzer - Swe F 50 ລູ	Spectrum A	Agilen M R
Frequency	ET A A A A A A	TRACE TYPE DE	8 RMS 9/100	Avg Type Avg Hold:	e Run 0 dB	Trig: Fre-	NO: Wide 🕶 Gain:Low	P	79.500	ter Freq	Cen
Auto Tune	679 kHz 44 dBm	kr1 11.6	м				Sumeon	2 dB	f Offset 9.2 of 9.22 dE	Re Maiv <b>R</b> e	10 dE Log
Center Freq 79.500 kHz											-0.78
											-10.8
Start Freq 9.000 kHz											-20.8
Stop Freq 150.000 kHz											-30.8
CF Step	-43.00 dt/m										-40.8
14.100 kHz Auto Man										∳ ¹	-60.8
Freq Offset	miliam	www.hug	mm	www.wh	howing	month	Mary	hyplation	4WMWAMM	MAN AN	-70.8
0 Hz	· // ·										-80.8
	50.00 kHz	Stop 15				<u> </u>			z	t 9.00 kH:	Star
		74.0 ms (1				/ 3.0 kHz*	#VBN		кНz	s BW 1.0	#Re: MSG
Frequency	M Apr 11, 2017	09:36:11 AM TRACE	RMS	Avg Type	E:PULSE			▲ DC	nalyzer - Swe F 50 Ω4 15.0750	. R	LXI RI
Auto Tune		Mkr1 1	8/100	Avg Hold:	∎Run 6 dB	#Atten: 1	NO:Fast ↔► Gain:Low	P IF			
Center Freq	99 dBm	-60.59				T		3m	f Offset 9.2 of 9.22 dE	3/div Re	10 de Log
15.075000 MHz											-0.78
Start Freq 150.000 kHz											-10.8
	-33.00 dem										-20.8
Stop Freq 30.000000 MHz	-33.00 000										-40.8
<b>CF Step</b> 2.985000 MHz										1	-60.8
Auto Man										2	-60.8
Freq Offset 0 Hz											-70.8
		anni-na-haimi	havy-backgerrane per	parantipoten/section	e university of the second s	evilyidet-edderegaget	folger and the state				-80.8
		Stop 30 68.3 ms (1 <u>1</u> DC Cou		8		/ 30 kHz*	#VBN		kHz	t 150 kHz s BW 10 l	Star #Re:
	M Apr 11, 2017	09:36:14 AM			E:PULSE	SENS		AC.	nalyzer - Swe F 50 ລ	P	Agilen
Frequency	ET A A A A A A	TRACE TYPE DEV	6/100	Avg Type Avg Hold:	e Run 0 dB	Trig: Fre #Atten: 4	Hz NO:Fast ↔ Gain:Low	100000 C	13.0150	ter Freq	Cen
Auto Tune	610 GHz 62 dBm							dB IBm	f Offset 9.1 ef 30.00 d	Re Bidiv Re	10 de Log
Center Freq 13.015000000 GHz						<u> </u>					20.0
Start Freq						<u> </u>				^1	10.0
30.000000 MHz											0.00
Stop Freq	-13.00 dBm					<u> </u>					-10.0
26.000000000 GHz											-20.0
26.00000000 GHz	2		i				1	1			
26.00000000 GHz		بمرسميمهم	mar	~~~~~	monor	man	www.	maria and	and the second	and and and	-40.0
26.00000000 GHz CF Step 2.597000000 GHz		mmm	haven		hon	-	www.	nahatha tanka	nor and a second	www.go.	-40.0 -50.0
26.00000000 GHz CF Step 2.597000000 GHz Auto Man		, h., n., n. h	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the second	and and a second	

### Channel Bandwidth: 10 MHz

Agile			Analyzer RE		SA		dwidth	E:PULSE	_	ALIGN AUTO	09:36:52 AF	1 Apr 11 2017	
Cer	nter		79.50		lz β	NO: Wide ← Gain:Low		e Run	Avg Type Avg Hold:	RMS	TRAC		Frequency
10 d	B/div	R R	ef Offse ef 9.22	t 9.22 2 dBn	dB	-Gain:Low	watten.			м	kr1 10.4	551 kHz 54 dBm	Auto Tune
-0.78													Center Freq 79.500 kHz
-10.8			-										Start Freq
-20.8													9.000 kHz
-40.8												-43.00 atom	Stop Freq 150.000 kHz
-60.8													CF Step 14.100 kHz Auto Man
-60.8	ŴV	hunna	MANAP	hall	AMM	wwwwww	nyntuur	Mr. W.	M WWW	Munici	Mussuper	wayner /	FreqOffset
-80.8	_		.,	•••								,	0 Hz
Sta #Re	rt 9.	00 kH W 1.0	iz kHz			#VB	N 3.0 KHz	*		Sween 1	Stop 15 74.0 ms (	0.00 kHz 1001 pts)	
MSG						#701	78 3.0 KH2				DC Cou		
IVI B	21		Analyzer RF 1	50 O A				SE:PULSE	Ava Type	ALIGN AUTO	09:36:57 AF	4 Apr 11, 2017 E 1 2 3 4 5 6	Frequency
		Р			ı,	PNO: Fast  ← -Gain:Low	#Atten: 1		Avg Hold:	9/100	Mkr1		Auto Tune
	B/div	/ R	ef Offse ef 9.22	2 dBn	n						-61.9	02 dBm	Center Freq
-0.78													15.075000 MHz
-20.8	-												Start Freq 150.000 kHz
-30.8												-33.00 dem	Stop Freq 30.000000 MHz
-40.8													CF Step
-60.8	1												2.985000 MHz <u>Auto</u> Man
-70.8	1												Freq Offset 0 Hz
-80.8	ኘሌ			MAN NO	trunktiv	homemotion	hereithere	here the states	hillow And all this property	umpersien			
#Re	rt 18 es Bi	50 KH W 10	z kHz			#VB	№ 30 kHz*		•		68.3 ms (	0.00 MHz 1001 pts)	
		etrum /	Analyzer	- Swept	SA						1 DC Cou		
rs⊃ Cer		Frec	13.0 ⁻	50 Ω 1500	AC 0000 (	GHz PNO: Fast ↔ Gain:Low		e Run	Avg Type Avg Hold:	ALIGN AUTO : RMS 6/100	09:37:00 AM TRAC TVI DI	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 d	B/div	R	ef Offse ef 30.0	t9.1 d 00 dB	в	Gam:LOW	#ACCENT: 4			м	kr2 25.6	36 GHz 65 dBm	Auto Tune
20.0													Center Freq 13.015000000 GHz
10.0	-	$\uparrow^1$		_									Start Freq
-10.0													30.000000 MHz
-20.0												-13.00 dBm	<b>Stop Freq</b> 26.00000000 GHz
-30.0		-								n	hann		CF Step 2.597000000 GHz Auto Man
-40.0	fin	معمل ومعرب	how	yaya aya ka sa			and the second		and the second	- Jane			Freq Offset
-60.0													0 Hz
-60.U						1	1	1	1				
Sta	rt 30	) MH2 W 1.0	2 MHz			#VB	N 3.0 MH:	 z*		Sween 6	Stop 2 4.93 ms /	6.00 GHz 1001 pts)	

Frequency	AM Apr 11, 2017 ACE 1 2 3 4 5 6 YPE MWWWWWW DET A A A A A A	09:38:25 AF	ALIGN AUTO : RMS 9/100	Avg Type Avg Hold:	Bun		0.144	<u>∧</u> pc kHz	nalyzer - Swe F 50 Ω₄ 79.500 I	. F	LXI RI
Auto Tune	.987 kHz 176 dBm	Mkr1 9.9			) dB	#Atten: 10	lO: Wide ↔ Sain:Low	IFC	of Offset 9.2 of 9.22 dE	Re 3/div Re	10 dE Log I
Center Freq 79.500 kHz											-0.78
Start Freq											-10.8
9.000 kHz Stop Freq											-20.8 -30.8
150.000 kHz	-43.00 dBm										-40.8
CF Step 14.100 kHz <u>Auto</u> Man										1	-50.8 -60.8
Freq Offset 0 Hz	Approxyph	Mayanara	w. www.www.	YHAYAYA	mmun	hon for the	alayyar ^a lay _a ra	wall parts	vwwww	WM WWW	-70.8
											-80.8
	150.00 kHz (1001 pts)	Stop 15				/ 3.0 kHz*	#VBW		z kHz	t 9.00 kH s BW 1.0	Star #Res
Fragilia	AM Apr 11, 2017	09:38:33 A			::PULSE	SENS		\Lambda DC	nalyzer - Swe F 50 ຊ.	. F	LXI RI
Frequency	ACE 123456 VPE MUMUUUU DET A A A A A A	TRAC TVI DI	: RMS 9/100	Avg Type Avg Hold:	Run		NO: Fast 🔸	PI	15.0750	ter Freq	Cen
Auto Tune	150 kHz 853 dBm							2 dB 3m	f Offset 9.2 of 9.22 dE	Re B/div <b>R</b> e	10 de Log
Center Freq 15.075000 MHz	+										-0.78
Start Freq 150.000 kHz											-10.8
Stop Freq 30.000000 MHz	-33.00 dbm										-30.8
CF Step											-40.8 -50.8
2.985000 MHz <u>Auto</u> Man										1	-60.8
Freq Offset 0 Hz										<b>k</b> .	-70.8
	lunhmunhilu 30.00 MHz		yth ywr offerydd y	<b>k</b> aran Kangdalak	hiper years	-wytrawwa	444-98-11-36-14 ¹ 48-14	ዾዸ፟ኯቔቔኯ፟፟፟ዸፚ ^ቒ ፼ኯ፼ዸጚ		¹⁰ ,0 ₀₀ , ₀₀ , ₀₀ , t 150 кHz	-80.8 Star
	(1001 pts)	368.3 ms ( 1 DC Cou		1		30 kHz*	#VBW			5 BW 10	
Frequency	AM Apr 11, 2017 ACE 1 2 3 4 5 6	09:38:36 AF	: RMS	Avg Type	::PULSE		Hz	AC 00000 G	nalyzer - Swe F 50 Ω 13.0150	. F	LXI RI
Auto Tune	662 GHz	kr2 25.6		Avg Hold:	dB	Trig: Free #Atten: 40	10: Fast ↔ Sain:Low	PI IFC dB	of Offset 9.1 of 30.00 d	Ba	
Center Freq 13.015000000 GHz									, 30.00 a	and Re	10 de Log
13.015000000 GHz Start Freq										$\uparrow^1$	10.0
Start Freq 30.000000 MHz	+										0.00
											-10.0
<b>Stop Freq</b> 26.000000000 GHz	-13.00 dBm										
26.00000000 GHz CF Step 2.597000000 GHz	-13.00 dBm										-30.0
26.00000000 GHz	-13.00 dBm	·	n - ward	h	~~~		ᢏᠣᢏᡗᠧᢩᡧ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	unu lunation	herene	-40.0
26.00000000 GHz <b>CF Step</b> 2.597000000 GHz <u>Auto</u> Man	-13.00 dBm		يەرىپىرىيەر <b>ب</b>		,~~,~~		×∽∽∽∕∽∾	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	non tracker	Annagent	

LXI R	L	Analyzer · Sw RF 50 ຊ ຊ 79.500	\Lambda DC		SENSE			LIGN AUTO	09:40:03 AM	Apr 11, 2017	Frequency
Cer		4 / 8.500	PI	NO: Wide 🔸 Gain:Low	#Atten: 10	Run ) dB	Avg Type Avg Hold:			E 1 2 3 4 5 6 E M 4 4 4 4 4 4	Auto Tune
10 di Log	B/div F	tef Offset 9.2 tef 9.22 di	2 dB 3m						Mkr1 9.3	282 kHz 48 dBm	Auto Tune
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-30.8											Stop Freq
-40.8										-43.00 dbm	150.000 kHz CF Step
-60.8	1 VMM.					Λĥ. M. A		<i>.</i>			14.100 kHz <u>Auto</u> Man
-70.8	' ''W	marchan	handred	Maryarara	WWW.M	MALAN	NY N	m y hal	Mr. yrww.my	WM WARAWA	Freq Offset 0 Hz
-80.8											
#Re	t9.00 kl sBW 1.0	lz ) kHz		#VBW	3.0 kHz*		5		74.0 ms (		
Agiler	it Spectrum	Analyzer - Sw	apt SA					STATUS	ΔDC Coι	pled	
LXI R	L	RF 50 ຄ ຊ 15.0750	<u>∧</u> □⊂ 000 MHz	NO: Fast 🔸	Trig: Free	::PULSE	Avg Type: Avg Hold:	LIGN AUTO RMS 8/100	09:40:12 AF TRAC TVI	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 di Log	F B/div F	ef Offset 9.2 lef 9.22 di	1F1 2 dB	Gain:Low	#Atten: 16	3 dB			Mkr1	150 kHz 74 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											Start Freq 150.000 kHz
-20.8										-33.00 dem	Stop Freq
-40.8											30.000000 MHz
-60.8 -60.8	1										CF Step 2.985000 MHz <u>Auto</u> Man
-70.8											Freq Offset 0 Hz
-80.8	¹ Ալ 150 kH	Wergerter Miller	h/aactygaytudiji	lawygryyddiaetwraet	unununu	ที่จึงเห็นขึ้นไปลูกเพื่อขึ้นก	/ชุญาตาชี _า เหล _{ือม} ู่หารู้ ไขร่านไ	driliperioristation		የጎትሎ-ሐዝራትሪክ 0.00 MHz	
	s BW 10			#VBW	30 kHz*		٤		68.3 ms (	1001 pts)	
	t Spectrum	Analyzer - Sw	apt SA		SENSE	- DI II GEI		LICH AUTO			
Cer	ter Fre	q 13.0150	00000 G	GHZ NO: Fast ↔ Gain:Low		Run	Avg Type Avg Hold:	RMS 6/100	TRAC	E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 d Log	B/div F	tef Offset 9.7 tef 30.00 d	dB					м	kr2 25.6		Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0											Start Freq
0.00											30.000000 MHz
-10.0										-13.00 dBm	<b>Stop Freq</b> 26.000000000 GHz
-30.0								A	~~~~	-	CF Step 2.597000000 GHz Auto Man
-40.0	nor and the		and the second section of the second section of the second s		and the second	and a start a start and	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Y ~~~~~~		Freq Offset
-60.0											0 Hz
		1	1	1							
Star #Pc	t 30 MH s BW 1.0	z MH~		#1/014	3.0 MHz			ween e	Stop 2	6.00 GHz 1001 pts)	

Frequency	AM Apr 11, 2017	09:37:36 A		Avg Type	E:PULSE	SENS		1 DC		- Ri	LXI RI
	ACE 123456	TY	8/100	Avg Hold:		Trig: Free #Atten: 10	IO: Wide 🔸	19	79.500 k	ter Freq	Cen
Auto Tune	.037 kHz 682 dBm		M					2 dB Sm	f Offset 9.2: f 9.22 dB	Re Maiv Re	10 de Log I
Center Free											
79.500 kH:											-0.78
Start Fred											-10.8
9.000 kH:											-20.8
Stop Free 150.000 kH;								l			-30.8
	-43.00 dbm										-40.8
CFStep 14.100 kH Auto Mar										<b>▲</b> 1	-60.8
	www.www	n		a. M. nand H	an strach	and we wat	A.A.M. M	n a hall was	he with he have have have	Mr. Mun	-60.8
Freq Offse 0 Hi	Alex ONAM	M. Inderty	cvrny444	nya wanyi yeway	WWW VI	u wyn Ygw y	MAAA Inc. 11	4 × · · v • ft ]	ny ny ny fi		-70.8
											-80.8
	150.00 kHz	Stop 1		1					z	t 9.00 kHz	Star
	(1001 pts) oupled	74.0 ms				3.0 kHz*	#VBW		кHz	5 BW 1.0	#Re: MSG
	AM Apr 11 2017	09:37:45 A	ALIGN AUTO		E:PULSE	SENS		1 DC	nalyzer - Swe F 50 Ω /	. RI	LXI RI
Frequency	ACE 1 2 3 4 5 6	TRA TY C	: RMS	Avg Type Avg Hold:	e Run		NO: Fast 🔸	Р	15.0750	ter Freq	Cen
Auto Tune	150 kHz 687 dBm	Mkr1							f Offset 9.2 f 9.22 dB	Re 3/div Re	10 de Log i
Center Fred 15.075000 MHz											-0.78
15.075000 MH											-10.8
Start Fred 150.000 kHz											
											-20.8
Stop Fred 30.000000 MH;	-33.00 dBm										-30.8
CF Step											-40.8
2.985000 MH: Auto Mar										1	-60.8
FreqOffse											-60.8
0 Hi											-70.8
	whether whether whe	Upalitan <b>ers</b> kilitan	Normaldwithin	n,ruhantradipar	-dry-additeday	ويغلو العادر المغلو	17kaproxistrady#flay17	nunderfinstretasjort	errefenteristeneren le	Norther Market	-80.8
	30.00 MHz (1001 pts)	Stop 3				30 kHz*		l		t 150 kHz s BW 10 k	Star #Ref
		DC Co				50 AFI2"	#V6W				#Re: MSG
Frequency	AM Apr 11, 2017	09:37:48 A		Aug Tre	E:PULSE	SENS		AC	nalyzer - Swe F 50 Ω	. Ri	LXI RI
	ACE 1 2 3 4 5 6 TYPE MWWWWWW DET A A A A A A			Avg Type Avg Hold:	e Run 0 dB	Trig: Free #Atten: 40	iHZ NO:Fast ↔ Gain:Low	00000 G P	13.0150	ter Freq	Cen
Auto Tune	.636 GHz 594 dBm	kr2 25.6 -32.5	м					dB	f Offset 9.1 •f 30.00 d	Re S/div Re	10 de Log i
Center Fred											
13.015000000 GH										<b>⊘</b> ¹	20.0
Start Fred											10.0
30.000000 MH:											0.00
Stop Free	-13.00 dBm										-10.0
26.00000000 GH											-20.0
CF Step 2.597000000 GH: Auto Mar	-	m. m. a. m	~ .								-30.0
		u waare		ware	e Marsara	and and a second	₩৵৻৵৸৻৻৾৾৻৻৵৸		and a start	Nut and a start of the start of	-40.0
Freq Offse 0 Hi											-50.0
	_										-60.0
	1										
	26.00 GHz (1001 pts)					3.0 MHz				t 30 MHz 5 BW 1.0	Star

LXI R	L	F	nalyzer Swe F 50 ຊ	A DC			:PULSE		LIGNAUTO	QAM_1	Apr 11 2017	-
Cer	nter F		79.500	19	NO: Wide 🔸 Gain:Low		Run	Avg Type Avg Hold:	RMS	TRACI TYP DE	123456 MWWWWWW TAAAAAA	Frequency
10 d	B/div	Re	of Offset 9.2 of 9.22 dE						r	Mkr1 9.8		Auto Tune
-0.78												Center Freq 79.500 kHz
-10.8												Start Freq 9.000 kHz
-20.8												Stop Freq
-40.8											-43.00 dBm	150.000 kHz CF Step
-60.8	1 Pada	A. 1.										14.100 kHz Auto Man
-70.8	1	ግግትላ	MANUTUANU	mr.m.	provense	hemery	Marchall	n.//www.a/wym	Many gapage	W way way	Yr Ywynyr y	Freq Offset 0 Hz
-80.8											,	
sta #Re	1 9.0 s BW	0 KH 4 1.0	z kHz		#VBW	3.0 kHz*		1		74.0 ms (7		
Agile	nt Spec	trum A	nalyzer - Swa	pt SA		L or						
LX/ R	L	F	15.0750	<u>▲ ¤⊂</u> 100 MHz P	NO: Fast 🔸			Avg Type Avg Hold:	EIGN AUTO RMS 9/100	09:39:22 AM TRACI TVP DE	Apr 11, 2017	Frequency
10 d Log	B/div	Re Re	ef Offset 9.2 ef 9.22 dE					1		Mkr1 1	50 kHz 30 dBm	Auto Tune
-0.78												Center Freq 15.075000 MHz
-10.8												Start Freq 150.000 kHz
-30.8											-33.00 dem	Stop Freq
-40.8	<u> </u>											30.000000 MHz
-50.8	1											CF Step 2.985000 MHz <u>Auto</u> Man
-70.8												Freq Offset 0 Hz
-80.8	ų, riela	a la falta da a la cala da a la c	unten (millional	unther the state of	her gran where the	an a	wether and the state	distanting of the second second	pophoge been also also	(jastel), ritradicai,	reationspecifies	
Star #Re	t 150 s BW	0 kHz / 10	z kHz		#VBW	30 kHz*				Stop 30 68.3 ms (* 1 DC Cou		
		trum A	nalyzer - Swa	AC		I costo	EPULSE			09:39:25 AM		
		Freq	13.0150	100000 G	SHZ NO: Fast ↔ Gain:Low		Run	Avg Type Avg Hold:	: RMS 6/100	TRACI TYP DE		Frequency
10 d Log	B/div	Re Re	ef Offset 9.1 ef 30.00 d	dB IBm	1			1	м	kr2 25.7 -32.31	14 GHz 15 dBm	Auto Tune
20.0	<u> </u>	1										Center Freq 13.015000000 GHz
10.0		Ť										Start Freq 30.000000 MHz
-10.0											-13.00 dBm	Stop Freq
-20.0											2	26.00000000 GHz
-30.0			and the second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m	and the second	m	min		mar	<b>CF Step</b> 2.597000000 GHz <u>Auto</u> Man
-40.0	Date: Add To	-	***									Freq Offset
	part an											0 Hz
-40.0	for product											

				Bandv	vidth: [·]	10 MH	lz_HCł	H_16C	AM_1	RB#0	
LX/ RI	L	Analyzer - Swe	1 DC		SENS	E:PULSE	August Toma	LIGN AUTO	09:40:52 AN	Apr 11, 2017	Frequency
Cen	ter Fred	79.500	KHZ PI	NO: Wide 🔸	#Atten: 10	e Run 0 dB	Avg Type Avg Hold:	9/100	TYP		
10 df	R Budiy R	ef Offset 9.2 ef 9.22 dE	2 dB						Mkr1 9.7 -59.8	705 kHz 98 dBm	Auto Tune
10 de Log											Center Freq
-0.78											79.500 kHz
-10.8											Start Freq
-20.8											9.000 kHz
-30.8											Stop Freq
-40.8										-43.00 dBm	150.000 kHz
-50.8										140.00 dom	CF Step
	1										14.100 kHz <u>Auto</u> Man
-60.6	MAN WAY	un man	Marilla	pm/Ndrunne	alo mar	. un M	mann	1.1. A	MAL . 0.04		Freq Offset
			1.1 . 1104	an An an Au		we y Y I	d M + d	Wyne D	a harter an h	www.rWhyth	0 Hz
-80.8											
Star	t 9.00 kH	lz							Stop 15	0.00 kHz	
#Re: MSG	s BW 1.0	ЭкНz		#VBW	/ 3.0 kHz*		1		74.0 ms (		
Agilen	t Spectrum	Analyzer - Swe	A DC		<b>GENIC</b>	FRIGE			09:41:00 AM	4 Apr 11, 2017	
Cen	ter Fred	a 15.0750	00 MHz	NO: Fast 🔸	Trig: Free #Atten: 10	e Run	Avg Type Avg Hold:	: RMS 9/100	TRAC	E 1 2 3 4 5 6 E M M M M M M	Frequency
	R	ef Offset 9.2		Sain:Low	#Atten: 10	6 dB				150 kHz 66 dBm	Auto Tune
10 de Log	B/div R	ef Offset 9.2 ef 9.22 dE	ŝm	T					-59.8	66 dBm	
-0.78											Center Freq 15.075000 MHz
-10.8											
-20.8											Start Freq 150.000 kHz
-30.8										-33.00 dBm	Stop Freq 30.000000 MHz
-40.8											
-50.8	1										CF Step 2.985000 MHz
-60.8	<u></u>										<u>Auto</u> Man
-70.8											Freq Offset 0 Hz
-80.8	L.		1414 101 do 10-1	di la consecut		de 1.a	Anna binthi ch		0		
	t 150 kH		esta de la contrata de la	gent are with a party	Libel Charles a striken	an di la bandanana a	United and a state of the state	urth. Manuta har a		0.00 MHz	
#Re	s BW 10	z kHz		#VBW	/ 30 kHz*		1		68.3 ms (	1001 pts)	
Agilen	d Spectrum	Analyzer - Swe	ot SA					STATUS	DC Cou	pled	
LX/ RI	L	RF 50 Ω		Hz		E:PULSE	Avg Type Avg Hold:	ALIGN AUTO	09:41:03 AN TRAC	4 Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
			P	NO: Fast ++- Gain:Low	#Atten: 40	0 dB	Avginold:				Auto Tune
10 de Log	B/div R	ef Offset 9.1 ef 30.00 d	dB IBm					191	kr2 25.6 -31.7	01 dBm	
20.0											Center Freq
	^ <b>1</b>										13.015000000 GHz
10.0	Í										Start Freq
0.00		1									30.000000 MHz
-10.0				<u> </u>						-13.00 dBm	Stop Freq
-20.0											26.00000000 GHz
-30.0										<u> </u>	CF Step 2.597000000 GHz
-40.0	and a start and a start	han	and the second second	mar	and the second second	m	man ~	a share a shar			<u>Auto</u> Man
-60.0											Freq Offset
-60.0											0 Hz
-60.0											
Star #Re	t 30 MHz s BW 1.0			#VB\/	/ 3.0 MHz	*		Sween 6	Stop 2 4.93 ms (	6.00 GHz 1001 pts)	
MSG								STATUS			L

## Channel Bandwidth: 15 MHz

Cente	R	nalyzer - Swo F 50 ຄ. 79.500	<u>∧</u> ⊳⊂ kHz			E:PULSE	Avg Type Avg Hold:	LIGN AUTO	09:41:42 AM TRACE	Apr 11, 2017	Frequency
	Re	of Offset 9.2	PN IFC	iO: Wide 🔸 Gain:Low	Atten: 10	Run dB	Avg Hold:		kr1 11.2	123456 A A A A A A 56 kHz	Auto Tune
10 dB/d	div Re	ef 9.22 dE	3m						-58.58	6 dBm	
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq
-20.8											9.000 kHz
-30.8											Stop Freq 150.000 kHz
-40.8										-43.00 dBm	CF Step
-60.8	▶ ¹ .										14.100 kHz Auto Man
-70.8	Mury	manage	alar yalariya	nongenturpen	manhhav	www.	and and and all the a	mpunn	Mr.M.	martin	Freq Offset
-80.8									1.0.1		0 Hz
Start (	9.00 kH								Stop 15	0.00 kHz	
	BW 1.0			#VBW	3.0 kHz*		1		74.0 ms (1		
Agilent S	Spectrum A	nalyzer - Swo	pt SA								
Cente	er Freq	15.0750	P	NO: Fast 🔸	Trig: Free #Atten: 10	Run 0 dB	Avg Type Avg Hold:	EIGN AUTO RMS 9/100	09:41:47 AM TRACE TVPI DE	Apr 11, 2017 1 2 3 4 5 6 MWWWWWW A A A A A A	Frequency
10 dB/d	Re div Re	of Offset 9.2 of 9.22 de	2 dB	Sam:Low	FACEN. IC				Mkr1 1	50 kHz 3 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											
-20.8											Start Freq 150.000 kHz
-30.8										-33.00 dbm	Stop Freq
-40.8											30.000000 MHz
-50.8											CF Step 2.985000 MHz
-60.8	•										<u>Auto</u> Man
-70.8											Freq Offset 0 Hz
-80.8	hangenheite a	والمتحاد المراجع	Rolad Roadharan .	Mahana an Isa - Is	nde blandelijke state so i na	والمرور والمراجل	- مرد المالا المرقعا بالعادية	Markinal Isaar	manlanational	handland a demoker.	
Start '	150 kHz BW 10 I		les states d'Ald		30 kHz*	line Alexandre a diffe			Stop 30 68.3 ms (1	.00 MHz	
MSG									1 DC Cou		
LXI RL	R	nalyzer - Swo ⊱ 50 Ω 13.0150	AC 00000 G	Hz		E:PULSE	Avg Type Avg Hold:	LIGN AUTO	09:41:50 AM	Apr 11, 2017	Frequency
		of Offset 9.1	PI IFC	NO: Fast 🔸	Trig: Free #Atten: 40	dB	Avginoid:		kr2 25.6	62 GHz	Auto Tune
10 dB/d	div Re	ef 30.00 c	IBm						-32.32	7 dBm	
20.0	. 1										Center Freq 13.015000000 GHz
10.0	^1										Start Freq
0.00											30.000000 MHz
-10.0										-13.00 dDm	Stop Freq
											26.00000000 GHz
-20.0						بمر مر بد		m	man	www.	CF Step 2.597000000 GHz <u>Auto</u> Man
-30.0			and the same of th	monton	man a from	~~~~~	-viranty -				
-30.0		wine haven									Eren Offert
-30.0	~~~	and the server									Freq Offset 0 Hz
-30.0	and and	harris Lagran									Freq Offset 0 Hz

Center Freq 79.000 MHz         Trigs Free Ring         Aug The Max Mode         Trigs Free Ring         Max The Max Mode         Trigs Free Ring         Auto Tun           000         Ref Ores 15.22 dB         States 100         Mikr 110, 128 Hzt         Auto Tun           000         Ref Ores 15.22 dB         States 100         Mikr 10, 128 Hzt         Auto Tun           000         Ref Ores 15.22 dB         States 100	LXI RL	F	Analyzer - Sw RF 50 Q	ept SA			E:PULSE		LIGN AUTO	D9:43:16 AM	Apr 11 2017	E a a a
Mikri 10, 128 Hrz 200 Glaw         Mikri 10, 128 Hrz 39, 725 dBm         Auto Turn 200 Glaw           476	Cente	er Freq	q 79.500	19	NO: Wide 🔸	Trig: Free	e Run	Avg Type Avg Hold:	RMS	TRACE TYPE DET	123456 MWWWWWW AAAAAA	Frequency
107     108     109     109     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100     100 <th>10 dB/</th> <td>Re div <b>R</b>e</td> <td>tef Offset 9.2 tef 9.22 di</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>м</td> <td>kr1 10.1</td> <td>28 kHz</td> <td>Auto Tune</td>	10 dB/	Re div <b>R</b> e	tef Offset 9.2 tef 9.22 di						м	kr1 10.1	28 kHz	Auto Tune
300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300         300 <th>_</th> <td></td> <td>Center Freq 79.500 kHz</td>	_											Center Freq 79.500 kHz
100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       1												Start Freq 9.000 kHz
about the second of the sec												Stop Freq
example       Auto       Mail         freq       Start Son KHz       #VEW 3.0 KHz*       Store 174.0 model       Store 1000 KHz         start Son KHz       #VEW 3.0 KHz*       Store 174.0 model       Store 1000 KHz       Freq Offsec         start Son KHz       #VEW 3.0 KHz*       Store 174.0 model       Store 1000 KHz       Freq Offsec         condextranslation       Store 174.0 model       Store 1000 KHz       Freq Offsec       Store 1000 KHz         condextranslation       Store 174.0 model       Store 1000 KHz       Store 1000 KHz       Freq Offsec         condextranslation       Store 174.0 model       Store 1000 KHz       Store 1000 KHz       Frequency         condextranslation       Store 174.0 model       Store 1000 KHz       Store 1000 KHz       Frequency         condextranslation       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz         condextranslation       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz         condextranslation       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz         condextranslation       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz       Store 1000 KHz         condextranslation       Store 1000 KHz       Stor											-43.00 dBm	CF Step
0.0	-60.8	▶¹ VWUMAA	under min			. Mda	ann		. M. ward	M. a.f.		<u>Auto</u> Man
PRes BW 1.0 kHz         #VBW 3.0 kHz*         Sweep 174.0 ms (1001 pts)           Image: State from Anderson State in the State in th			e kyv sy yyw	arde hind a red	Martus - ti Ati	hama Atha	mag no p	and but done.	w Vree	"Longly of the	₩₩₩₩	0 Hz
Instrum       Instrum       DC Coupled         All of a super series of a super s	Start #Roc	9.00 kH	Hz D KHz		#\/B\	30-1			Sween 4	Stop 15	0.00 kHz	
M. H.         Lister Lister Free         Lister List		300 1.0	V NTIZ		#VBW	3.0 KHZ*						
Center Freq 15.075000 MHz         Trig Free Run Broantow         Avg Type RMS         Mod Type RMS	LX/ RL	F	RF 50 Ω	A DC		SENSE	E:PULSE		ALIGNAUTO	09:43:24 AM	Apr 11, 2017	-
Ref Office: 9.22 dBm       Start Free         0.78	Cento			P	NO: Fast 🔸 Gain:Low	Trig: Free	e Run	Avg Type	RMS	TRACE TYPE DET	123456 MWWWWW AAAAAA	Frequency Auto Tune
10.73       15.075000 MH         10.8       15.075000 MH         20.8       15.075000 MH         30.8       1         40.8       1         40.8       1         40.8       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9       1         40.9		Re /div Re	tef Offset 9.2 tef 9.22 di	22 dB Bm						-58.69	6 dBm	Center Freq
208         308         150.000 kH           308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         308         3												15.075000 MHz
40.8       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	-20.8											Start Freq 150.000 kHz
² .985000 MH ² .985000 MH ^{60.8} ² .985000 MH ^{60.8} ^{60.9} ^{10.9}											-33.00 dbm	Stop Freq 30.000000 MHz
60.9       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8       -70.8		1										CF Step 2.985000 MHz <u>Auto</u> Man
-003												Freq Offset
#Res         BW 10 kHz         #VBW 30 kHz*         Sweep 368.3 ms (1001 pts)           Image: Spectrum Analyzer - Sweep 3A         Image: Spectrum Analyzer -	-80.8	W. P. pow turn	Maritzanyille	a.Maryothing	ret productions	berton, Altrophile	have had a start of the	hrponinklymantal	rshrootyndayaaa	millingeninus	Hubberganer	
Aglent         Spectrum         Analyzer         Swept SA         Issue Foldse         AllowAUTO         (90-93-27 AM April 2017)         Frequency           Center Freq 13.015000000 GHz         Trig: Free Run PRO: rank         Trig: Free Run Baten: 40 dB         Avg Type: RMS         Image Distance         Frequency           10 dB/div         Ref Offset 9.1 dB         Mkr 2.52.714 GHz         Auto Tuni           10 dB/div         Ref Offset 9.1 dB         Center Freq         30.00000 GHZ         Auto Tuni           20 div         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th>#Res</th> <td>150 kHz BW 10</td> <td>lz kHz</td> <td></td> <td>#VBW</td> <td>30 kHz*</td> <td></td> <td></td> <td></td> <td>68.3 ms (1</td> <td>001 pts)</td> <td></td>	#Res	150 kHz BW 10	lz kHz		#VBW	30 kHz*				68.3 ms (1	001 pts)	
Center Freq 13.01500000 GHz Productor         Trig: Free Run Braten: 40 dB         Avg Type: RMS Avg Type: RMS         Trid: I 23 4 5 6 Avg Type: RMS         Trid: I 23 4 5 6 Avg Type: RMS         Productor           Indefinition         Ref Offset 9.1 dB         Mkr2 25.714 GHz         Auto Tun           10 dB/div         Ref Offset 9.1 dB         -32.481 dBM         Auto Tun           20 0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Agilent 1	Spectrum A	Analyzer - Sw	ept SA		CENIC						
Ref 30.00 dBm         Center Free           200         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th></th> <td></td> <td></td> <td>P</td> <td>Hz NO: Fast ↔ Gain:Low</td> <td>7</td> <td>e Run</td> <td>Avg Type Avg Hold:</td> <td>6/100</td> <td>TYPE DE1</td> <td>123456 MWWWWW AAAAAA</td> <td></td>				P	Hz NO: Fast ↔ Gain:Low	7	e Run	Avg Type Avg Hold:	6/100	TYPE DE1	123456 MWWWWW AAAAAA	
200         13.01500000 GH           100         13.01500000 GH           000         13.01500000 GH           100         13.0150000 GH           100         10.0150000 GH           100         10.0150000 GH           100         10.0150000 GH           100         10.0150000 GH           100         10.015	10 dB/ Log	rdiv <b>R</b> e	tef Offset 9.7 tef 30.00 (	1 dB dBm						-32.48	1 dBm	1
0.00		_ ¹										13.015000000 GHz
200												Start Freq 30.000000 MHz
-30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -3											-13.00 dBm	<b>Stop Freq</b> 26.000000000 GHz
-40.0								العدر الم	A.LA	, marchar	min	CF Step 2.597000000 GHz Auto Man
он	-30.0 —		hours			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and a start of a	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	. Marchar 1			Freq Offset
-60.0	-40.0											
Start 30 MHz         Stop 26.00 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz*         Sweep 64.93 ms (1001 pts)	-40.0 <del>//</del>											0112

Agiler	nt Spec	trum A	(C nalyzer - Sw		l Band	width:	15 MH	lz)_HC	H_QF			
LX/ R	L	R	F 50 Ω 79.500	<u>∧</u> ⊡⊂ kHz	IO:Wide ++	Trig: Free		Avg Type Avg Hold:	RMS 9/100	09:44:53 AN TRAC TVF	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 d	B/div	Re Re	f Offset 9.2	IFO	io: wide Sain:Low	#Atten: 10				Mkr1 9.8		Auto Tune
-0.78												Center Freq 79.500 kHz
-10.8												Start Freq 9.000 kHz
-20.8 -30.8												Stop Freq
-40.8											-43.00 dbm	150.000 kHz CF Step
-60.8	1 Mart	h			.0.		A. 0	. n. b ba				14.100 kHz <u>Auto</u> Man
-70.8		и My	Mirwydy	MUNNINAL	hanyanya (190m	ntry way	her Intra Ma	www.yyh.re?	muyyiw	paper	MANA	Freq Offset 0 Hz
Star	t 9.0	0 KH:	z							Stop 15	0.00 kHz	
#Re	s BW	/ 1.0	kHz		#VBW	3.0 kHz*				74.0 ms (	1001 pts)	
LX/ R	L	R	nalyzer - Sw F 50 ຂ	A DC		SENSE	E:PULSE		LIGNAUTO	09:45:02 AN	1 Apr 11, 2017	
Cer	nter l				NO: Fast 🔸	Trig: Free #Atten: 16	Run	Avg Type Avg Hold:	BMS	TRAC TYF DE	E 1 2 3 4 5 6 E M WWWWWWW T A A A A A A A	Frequency Auto Tune
10 di Log	B/div	Re Re	f Offset 9.2 ef 9.22 di	22 dB 3m						-58.4	150 kHz 99 dBm	Center Freq
-0.78												15.075000 MHz
-20.8												Start Freq 150.000 kHz
-30.8											-33.00 dem	Stop Freq 30.000000 MHz
-50.8	1											CF Step 2.985000 MHz Auto Man
+60.8 -70.8	<u> </u>											Freq Offset
-80.8	L.	w.phulug	luli-enriceton	1.1844/1711/164.48.	and the second	Annamateria	eph. Marine Confi	<b>444</b> ,24 ¹⁴ 878,474,66	hybelin in polition	n in the second	mandum	0 Hz
Star #Re	t 150	0 kHz / 10 l	:			30 kHz*	1		Sweep 3		0.00 MHz 1001 pts)	
		trum A	nalyzer - Sw	ept SA	1	I CENT	E:PULSE			09:45:05 AN		
					iHz NO: Fast ↔ Sain:Low		Run	Avg Type Avg Hold:	6/100	TRAC TYF DE	E 1 2 3 4 5 6 E MWWWWWW T A A A A A A A	Frequency Auto Tune
10 d Log	B/div	Re Re	f Offset 9. ef 30.00 (	I dB JBM					M	kr2 25.6 -32.24	62 GHz 47 dBm	
20.0	<u> </u>	\1										Center Freq 13.015000000 GHz
10.0		ľ										Start Freq 30.000000 MHz
-10.0											-13.00 dBm	<b>Stop Freq</b> 26.00000000 GHz
-20.0												CF Step 2.597000000 GHz
-40.0	parature	mar land		and the second	man Ar	godegraaf de graaf de gebeer	مريعهم ويعامرون	wasen of the second	er en anderer (	1 Automation	water to be	Auto Man Freq Offset
-50.0 -60.0												0 Hz
Star #Re	1 30 s BW	MHz / 1.0	MHz		#VBW	3.0 MHz	•		Sweep 6	Stop 2 4.93 ms (	6.00 GHz 1001 pts)	
MSG									STATUS			

		Analyzer - Swe		Band			Z)_LCI				
Cen	ter Fre	RF 50 Ω <b>q 79.500</b>	ALC   kHz	NO:Wide	Trig: Free		Avg Type Avg Hold:	RMS	09:42:27 AM TRAC TYP	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 de Log	B/div F	tef Offset 9.2 tef 9.22 di	IFO	Gain:Low	#Atten: 10	) dB		м	kr1 10.8		Auto Tune
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-20.8 -30.8											Stop Freq
-40.8										-43.00 dBm	150.000 kHz CF Step
-60.8	↓1 AurtMan	Marrynam	nullast	M A A			4				14.100 kHz <u>Auto</u> Man
-70.8		· Murrayan 1	A-A-ALL ARA	m mon	Www.mpar ye	MWMMY 7	s mm	www.d/zAM	The property is	person	Freq Offset 0 Hz
-80.8 Star	t 9.00 kl	Hz							Stop 15	0.00 kHz	
#Re: MSG	s BW 1.	0 KHZ		#VBW	3.0 kHz*		1		74.0 ms ( 1 DC Cou	1001 pts)	
Agilen	it Spectrum	Analyzer - Swe	apt SA		SENSE	PULSE			09:42:36 AM	Apr 11, 2017	
Cen	ter Fre	q 15.0750	Р	NO: Fast 🔸		Run	Avg Type Avg Hold:	RMS	TRAC TYP DE	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 de Log	B/div F	tef Offset 9.2 tef 9.22 di	2 dB 3m						Mkr1 1 -60.29	150 kHz 90 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											Start Freq 150.000 kHz
-30.8										-33.00 dBm	Stop Freq 30.000000 MHz
-40.8	1										CF Step 2.985000 MHz
-60.8	1										Auto Man Freq Offset
-70.8	he was a star	/Tatway/out-1.06/	المرادية المطبوطين	le hadden ones a	malawall	halmethermation	the second s	Alexandra Marine	Hormoniliecturation	auranterio	0 Hz
Star #Re:	t 150 kH s BW 10	z	14		30 kHz*	and all elements in				0.00 MHz	
MSG	d Spectrum	Analyzer - Swe	ant SA					STATUS	1 DC Cou	pled	
LXI RI	L	RF 50 Ω q 13.0150	AC 00000 G	Hz NO: Fast ↔ Gain:Low	7	EPULSE	Avg Type Avg Hold:	LIGN AUTO : RMS 6/100	09:42:39 AM TRAC TVP DE	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 de Log	B/div F	tef Offset 9.1 tef 30.00 c	dB	Sam:LOW	and the second s			м	kr2 25.7		Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0	Ť										Start Freq 30.000000 MHz
-10.0										-13.00 dBm	Stop Freq
-20.0										2	26.00000000 GHz
-40.0	mentamenta	and the second		hand	and a faith and a second	and a start of the		mm	~~~~	~~~*	2.597000000 GHz <u>Auto</u> Man
-50.0											Freq Offset 0 Hz
00.0											
-60.0	t 30 MH									6.00 GHz	

			andwidth:	15 MH:	z)_MC	H_160	2AM_1	RB#0		
 LX/ RL	m Analyzer - Swer RF 50 ລ 💋	DC	SENS	E:PULSE		LIGNAUTO	09:44:04 AM	Apr 11, 2017	Frequency	
Center Fr	eq 79.500 k	Hz PNO: W IEGain:	/ide Trig: Fre Low #Atten: 1	e Run 0 dB	Avg Type Avg Hold:	8MS 9/100	TRAC TYP DE	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
	Ref Offset 9.22 Ref 9.22 dB					м	kr1 14.4	l99 kHz 13 dBm	Auto Tune	
10 dB/div Log	Ref 9.22 dB	m					-00.0			
-0.78									Center Freq 79.500 kHz	
-10.8										
-20.8									Start Freq 9.000 kHz	
-30.8										
									Stop Freq 150.000 kHz	
-40.8								-43.00 dbm		
-60.8									CF Step 14.100 kHz Auto Man	
-60.8	1. K. K.	A	of the stand of th							
-70.8	in the second second	www.	a vianyaan pan	hannan M	h man han	www.m////	WWWW	When me	Freq Offset 0 Hz	
-80.8						.14				
Start 9.00 #Res BW 1	KHZ .0 KHZ		#VBW 3.0 kHz'	•	5		74.0 ms (			
MSG	m Analysis Co					STATUS	🔔 DC Cou	pled		
LX/ RL	m Analyzer - Swer RF 50 Ω ⊿ eq 15.0750		SENS	E:PULSE	Avg Type	LIGN AUTO	09:44:12 AM TRAC	Apr 11, 2017	Frequency	
00.10171		PNO: F IFGain:	ast Trig: Fre Low #Atten: 1	e Run 6 dB	Avg Type Avg Hold:	9/100		E 123456 E MWWWWW T A A A A A A	Auto- 7.00	
10 dB/div	Ref Offset 9.22 Ref 9.22 dB	≥dB m					Mkr1 1 -60.02	150 kHz 21 dBm	Auto Tune	
Log									Center Freq	
-0.78									15.075000 MHz	
-10.8									Start Freq	
-20.8									150.000 kHz	
-30.8								-337.00 aem	Stop Freq	
-40.8									30.000000 MHz	
-50.8									CF Step 2.985000 MHz	
1									2.985000 MHz <u>Auto</u> Man	
-60.8									Erog Offert	
-70.8									Freq Offset 0 Hz	
-80.8	However	state and have added as a se	monoritoppersection	مريوريهاوري	natestation	nelunhanen		(Insul-Andres Aller		
Start 150 k	Hz	at an it is a first					Stop 30	0.00 MHz		
#Res BW 1	0 kHz	:	#VBW 30 kHz*		5		68.3 ms (	1001 pts)		
Agilent Spectru	m Analyzer - Swej	ot SA				atatus	- DC Cou	pieu		
CX/ RL	RF 50 Ω eq 13.0150			e Run	Avg Type Avg Hold:	LIGNAUTO RMS 6/100	09:44:15 AM TRAC	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency	
			ast +++ Trig: Fre Low #Atten: 4	0 dB	in strong:				Auto Tune	
10 dB/div	Ref Offset 9.1 Ref 30.00 d	dB Bm				141	kr2 25.6 -32.09	97 dBm		
20.0									Center Freq 13.015000000 GHz	
1	> ¹								13.01600000 GHz	
10.0									Start Freq	
0.00									30.000000 MHz	
-10.0								-13.00 dDm	Stop Freq	
-20.0									26.00000000 GHz	
-30.0									CF Step 2.59700000 GHz	
-40.0	warman margaria	and the second and the second second	m	mannor	~~~~~	much	man	~~~~	Auto Man	
-50.0	4.44								Freq Offset	
									0 Hz	
-60.0										
Start 30 M #Res BW 1	Hz 0 MHz		#VBW 3.0 MHz	**		ween f	Stop 20 4.93 ms (*	6.00 GHz		
MSG		•		-	-	SWEED 0		. 55 i pis)		

		hanne	Band	width:1	15 MH:	z)_HC	H_160	2AM_1	RB#0		
 IXI BL	rum Analyzer - S RF 50			SENS	E:PULSE		ALIGN AUTO	09:45:45 AN	1 Apr 11, 2017	Frequency	
Center F	req 79.500	) kHz	NO: Wide 🔸 Gain:Low	Trig: Free #Atten: 10	e Run 0 dB	Avg Type Avg Hold:	: RMS 9/100	TRAC TYP DE	E 1 2 3 4 5 6 E M WWWWWW T A A A A A A	Frequency	
	Ref Offset 9 Ref 9.22		Gam.cow				M	lkr1 11.1	115 kHz	Auto Tune	
10 dB/div	Ref 9.22	iBm			1			-60.1	10 dBm		
-0.78										Center Freq 79.500 kHz	
-10.8											
-20.8										Start Freq 9.000 kHz	
-30.8											
										Stop Freq 150.000 kHz	
-40.8									-43.00 dbm		
-50.8										CF Step 14.100 kHz <u>Auto</u> Man	
-60.8 MM	let Nation Adams	. A A A.		. î. A	الأسعير معاطا		N				
-70.8	wynryd pryshinra	N-MINV W	Yry " hanafar	WIMM	Warman	www.grahaay	WWWWWWW	Www.mar	MAMAR	Freq Offset 0 Hz	
-80.8											
Start 9.00								Stop 45	0.00 kHz		
Start 9.00 #Res BW	1.0 kHz		#VBW	3.0 kHz*				74.0 ms (	1001 pts)		
MSG	rum Analyzer - S	want SA					STATUS	DC Cou	pled		
LXI RL	RF 50			SENS	E:PULSE	Avg Type Avg Hold:	ALIGN AUTO	09:45:54 AN TRAC	Apr 11, 2017	Frequency	
		р IF	'NO: Fast 🔸 Gain:Low	#Atten: 10	e Run 5 dB	Avg Hold:	8/100		E 1 2 3 4 5 6 E M W W W W W W T A A A A A A A	Auto Tune	
10 dB/div	Ref Offset 9 Ref 9.22	.22 dB 1Bm						Mkr1 1 -58.91	150 kHz 35 dBm		
										Center Freq	
-0.78										15.075000 MHz	
-10.8										Start Freq	
-20.8										150.000 kHz	
-30.8									-337.00 dem	Stop Freq	
-40.8										30.000000 MHz	
-50.8										CF Step 2.985000 MHz	
-60.8										2.985000 MHz <u>Auto</u> Man	
										Freq Offset	
-70.8										0 Hz	
-80.8	man mondaria	with white the state of the sta	a meryetuwaanta taka ya	antholy all month	whenthe	ht-thereby-the-	and the states of the states o	hardwhayeersahid	mountanthe		
Start 150	kHz							Stop 3	0.00 MHz		
#Res BW	10 KHZ		#VBW	30 kHz*		:		68.3 ms (			
 Agilent Spect	rum Analyzer - S	wept SA		Lonve	E:PULSE		ALIGN AUTO		Apr 11, 2017		
Center F	Freq 13.01	000000 0	SHz NO: Fast 🕩 Gain:Low	-		Avg Type Avg Hold:	: RMS 6/100	TRAC	E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency	
	Ref Offset		Gain:Low	#Atten: 40	u dB			kr2 25.6 -32.2		Auto Tune	
10 dB/div	Ref Offset 9 Ref 30.00	dBm						-32.2	35 dBm		
20.0										Center Freq 13.015000000 GHz	
10.0	<b>∲</b> ¹		L								
0.00										Start Freq 30.000000 MHz	
-10.0			-						-13.00 dBm	Stop Freq 26.00000000 GHz	
-20.0											
-30.0						~	A	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~^	CF Step 2.597000000 GHz	
-40.0 Jayorna	- Inon		and the second second	~~~~	and a start a start a	work or war	" "here and	- the second s		<u>Auto</u> Man	
-50.0										Freq Offset 0 Hz	
-60.0		_								U HZ	
Start 30 I #Res BW	MHZ 1.0 MHZ		#VBW	3.0 MHz	*			4.93 ms (	6.00 GHz 1001 pts)		
MSG							STATUS	3			

### Channel Bandwidth: 20 MHz

Car	L	1	nalyzer - Sw RF 50 ۵ 179.500	2 \Lambda DC		SENSI	E:PULSE	Avg Type		09:46:35 AM	Apr 11, 2017	Frequency
Cer	ner	Fred	79.500	19	NO: Wide 🔸 Gain:Low	Trig: Free #Atten: 10	BRUN D dB	Avg Hold:	9/100		123456 MWWWWWW AAAAAA	
10 d Log	B/div	V R	ef Offset9. ef 9.22 d	22 dB Bm					м	13.7 1kr1 -59.88	94 kHz 3 dBm	Auto Tune
_												Center Freq
-0.78												79.500 kHz
-10.8												Start Freq
-20.8												9.000 kHz
-30.8	-											Stop Freq 150.000 kHz
-40.8	-										-43.00 dBm	
-60.8		1										CF Step 14.100 kHz Auto Man
-60.8		hm	10.0.01		A ALLAND	مىلىكە	hunter	a mala	ՌուՌիս		۸.	
-70.8	1	1.6.6.4	1 Vinner	thermaline	1) You Janahala	r yara wi	indexed the	W Way I'V'	an da ved	Maryan	MM M	Freq Offset 0 Hz
-80.8	-											
Sta	L t 9.	00 KH	Iz							Stop 15	0.00 kHz	
#Re	s Bi	W 1.0	kHz		#VBW	3.0 kHz*		1		74.0 ms (1	001 pts)	
Agile LXI R	nt Spe	ectrum /	Analyzer - Sw	vept SA			E:PULSE			09:46:40 AM		
Cer	ter	Freq	15.075	000 MHz	NO: Fast 🔸	Trig: Free	Run	Avg Type Avg Hold:	: RMS 9/100	TRACE TYPE	1 2 3 4 5 6 M	Frequency
		R	ef Offset 9. ef 9.22 d	IFO	Gain:Low	#Atten: 10	) dB			Mkr1 1	50 kHz	Auto Tune
10 d Log	B/div	v R	ef 9.22 d	Bm	1			1		-61.36	i4 dBm	
-0.78	_											Center Freq 15.075000 MHz
-10.8	_											Start Freq
-20.8	_											150.000 kHz
-30.8											-33.00 dbm	Stop Freq
-40.8												30.000000 MHz
-50.8												CF Step 2.985000 MHz
-60.8	1											Auto Man
-70.8												Freq Offset
-80.8	1											0 Hz
				water the providence of the	human	Manghamathamata	Mathematica		hennered out the	hun man	held the second for	
Sta #Re	t 15 s B	50 KH: W 10	z kHz		#VBW	30 kHz*		1		68.3 ms (1		
Agile	nt Sue	ectrum-f	Analyzer - Sw	vept SA					STATUS	DC Cou	oled	
LXI R	L	1	RF 50 \$		Hz	7	E:PULSE	Avg Type Avg Hold:	RMS	09:46:43 AM TRACE	Apr 11, 2017	Frequency
					NO: Fast 🔸 Gain:Low	Trig: Free #Atten: 40	dB	Avg Hold:		kr2 25.60		
10 d Log	B/div	v R	ef Offset 9. ef 30.00	1 dB dBm			1		141	-31.90	2 dBm	
20.0												Center Freq 13.015000000 GHz
10.0		$\Diamond^1$										
0.00												Start Freq 30.000000 MHz
0.00												
-10.0											-13.00 dBm	Stop Freq 26.00000000 GHz
-10.0											2	CF Step
-20.0			1		_	an su	manan	m	man	man	www.	2.597000000 GHz Auto Man
-20.0 -30.0					the same	-						
-20.0 -30.0 -40.0	~~~~		and and and and									Erea Offect
-20.0 -30.0 -40.0 -50.0	p~~~		~~~~									Freq Offset 0 Hz
-20.0 -30.0 -40.0	~~~											
-20.0 -30.0 -40.0 -50.0 -60.0	t 30	D MHz W 1.0			#//2	3.0 MHz				Stop 26 4.93 ms (1	5.00 GHz	0 Hz

LXI R	L	RF 50 Ω	A DC			E:PULSE			19:48:08 AM	4 Apr 11 2017	Frequency
Cer	nter Fre	q 79.500	PN	10: Wide 🔸 Sain:Low	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	: RMS 9/100	TRAC TYP DE	E 123456 E MWWWWW A A A A A A	
10 d	B/div	Ref Offset 9.2 Ref 9.22 d						м		410 kHz 25 dBm	Auto Tune
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq 9.000 kHz
-30.8		_									Stop Freq 150.000 kHz
-40.8										-43.00 db/m	CF Step 14.100 kHz
+60.8	A. WWW.r	marelan	. Mar autor	An with	.n	hunn Man	wann	ԱՌԱՌԱΜ			Auto Man Freq Offset
-70.8		- Al as to a Principal	alla worker J	γ - 4 - 41 - 17 Γ	ու քիալի էր	48 I V Y I	M.º	Mar and A.A.P.	mu vy v	WWWWWWWWWW	0 Hz
Stai #Re	rt9.00 k sBW 1.	Hz .0 kHz		#VBW	3.0 kHz*		<b>1</b>	Sweep 1	Stop 15 74.0 ms (	i0.00 kHz 1001 pts)	
MSG	nt Spector	Analyzer Co	A tree					STATUS	🔔 DC Cou	pled	
LXI R	L	n Analyzer - Sw RF 50 Ω eq 15.0750			1	E:PULSE	Avg Type Avg Hold:	LIGN AUTO	09:48:17 AM	M Apr 11, 2017 = 1 2 3 4 5 6 = MWWWWWW T A A A A A A	Frequency
		Ref Offset 9.2 Ref 9.22 di	PI	NO: Fast ⊶► Sain:Low	#Atten: 16		Avginold:	07100	Mkr1 ′	150 kHz 73 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											Start Freq 150.000 kHz
-30.8										-33.00 dem	Stop Freq 30.000000 MHz
-40.8		-									CF Step 2.985000 MHz
-60.8	-										Auto Man
-70.8	-	h/w ^h un/armhu-tiw	And all a second state	house for the second	wind reapply with the	en de la companya de	(unit) alter viewender	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-hudal-ananah		0 Hz
#Re	rt 150 kl s BW 10	Hz	[		30 kHz*			Sweep 3	Stop 3 68.3 ms (	0.00 MHz 1001 pts)	
MSG Agiler	nt Spectrum	n Analyzer - Sw	ept SA						🚹 DC Cou		
LXI R	L	RF 50 ລ ຊ 13.0150	AC 00000 G	iHz NO: Fast ↔ Gain:Low	7	E:PULSE BRun DdB	Avg Type Avg Hold:	LIGN AUTO RMS 6/100	09:48:19 AN TRAC TVF DE	Apr 11, 2017 # 1 2 3 4 5 6 # MWWWWW T A A A A A A	Frequency
10 di Log	B/div I	Ref Offset 9.7 Ref 30.00	1 dB					м	kr2 25.6 -32.0	36 GHz 58 dBm	Auto Tune
20.0	$\diamond$	1									Center Freq 13.015000000 GHz
10.0	<b>F</b>										Start Freq 30.000000 MHz
-10.0										-13.00 dBm	<b>Stop Freq</b> 26.00000000 GHz
-30.0	$\vdash$						and the second	min	~~~~	mint	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.0	revenue and		According to a construction of the constructio		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the second s					Freq Offset
-50.0											
-50.0 -60.0											UHZ

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0
Applent Spectrum Analyzer - Swept SA           200 R L         RF         50 Ω Δ         SENSE:PULSE         ALIGNAUTO         09:49:53 AM Apr 11, 2017
Center Freq 79,500 KHz Frequency Follow Wide + Fright Run AvgHold: 9/100 Tree
Auto Tupe
Ref Offset 9.22 dB Mikr1 9.705 kHz Add Talka 10 dB/div Ref 9.22 dBm -59.796 dBm
-0.78 Center Freq 79.500 kHz
-10.8 Start Freq
-20.8 9.000 KHz
-30.8 Stop Freq
-40.8
-50.8 CF Step
1 14.100 kHz
^{cos} W Manunahuy Mar Walan Manunahuy Manunah
80.8
Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)
Applent Spectrum Analyzer. Swept 5A 24 RL RF S0 07 ≜CC SERVE: ALICHAUTO 09:50:02 AM Apr11,2017 Center Freq 15.075000 MHz Avg Type: RMS TRACE [12.3.4.5.6]
PROFESSION AND A STATE THE FREE RUN AvgiHold: 9/100 TYPE NAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Ref Offset 9.22 dB         Mkr1 150 kHz         Auto Tune           10 dB/div         Ref 9.22 dB         -57.342 dBm
Center Freq
-0.78 16.076000 MHz
-20.0 StartFreq 150.000 kHz
-30.8
Stop Freq 30.00000 MHz
-40.8
-50.8 CF Step 2.98500 Hriz Auto Man
6.8
-70.8 FreqOffset
······································
Start 150 kHz Stop 30.00 MHz #Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts)
Mag gratue de Coupled
Applent Spectrum Analyzer - Swept SA         SENSE:PULSE         ALIGN AUTO         09:50:05 AM Apr 11, 2017
ØI         RL         IP         SS0 & AC         SSREERASE         ALISHAND (10)         SSREERASE         Frequency           Center Freq 13.015000000 GHz         Frain Free Run         Avg Type: RMS         Trace [12:9:4:5 G         Frequency           FR0:Fsst →         Frig: Free Run         Avg Type: RMS         Trace [12:9:4:5 G         Frequency           If GalinLow         #Item: 40 dB         OB         Trace [12:9:4:5 G         Avg Type: RMS
Bet Officet 0.1 dB Mkr2 25.662 GHz Auto Tune
10 dB/div Ref 30.00 dBm31.365 dBm
20.0 Center Freq 13.015000000 GHz
Start Freq
0.00 30.000000 MHz
-10.0
-20.0
-30.0 CF Step 2.597000000 GHz
Auto Man
-60.0
Start 30 MHz Stop 26.00 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)
MSG STATUS

Agiler	nt Spectrum	(C n Analyzer - Sw		Band	width:2	20 MH	z)_LCI				
LXI R	L	RF 50 G	kHz				Avg Type Avg Hold:	LIGNAUTO RMS	09:47:19 AN TRAC	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 di Log	B/div	Ref Offset 9. Ref 9.22 d	IF	NO: Wide 🔸	#Atten: 10	0 dB	Avg Hold:		kr1 13.7	794 kHz 49 dBm	Auto Tune
-0.78											Center Freq 79.500 kHz
-10.8											Start Freq
-20.8											9.000 kHz Stop Freq
-40.8										-43.00 dbm	150.000 kHz
-60.8											CF Step 14.100 kHz <u>Auto</u> Man
-70.8	a. M keer ⁿ y	MANJANJAN	hamman	norm	yn ywrh	www.w	Martin martin	WM MAN	Anywyhl	MANNAMANA	Freq Offset 0 Hz
-80.8											
	t9.00 k sBW 1			#VBW	/ 3.0 kHz*		•		Stop 15 74.0 ms ( 1 DC Cou	0.00 kHz 1001 pts)	
Agiler		n Analyzer - Sw	ept SA		Lonver			I IGN AUTO	0047-00 11	4 Apr 11 2012	
Cen	iter Fre	eq 15.075	P	NO: Fast 🔸		e Run 6 dB	Avg Type Avg Hold:	8/100			Frequency
10 di Log	B/div	Ref Offset 9. Ref 9.22 d	22 dB Bm	1		1			Mkr1 ⁻ -56.9	150 kHz 46 dBm	Auto Tune
-0.78											Center Freq 15.075000 MHz
-10.8											Start Freq 150.000 kHz
-30.8										-33.00 dem	Stop Freq 30.000000 MHz
-40.8	1										CF Step
-60.8	Ļ										2.985000 MHz <u>Auto</u> Man
-70.8	ų										Freq Offset 0 Hz
Star	t 150 k	k, Nhuuneuulu Hz	elenint-strainspace			land and the second			Stop 3	0.00 MHz	
MSG	s BW 1		ant SA	#VBW	30 kHz*				68.3 ms ( 1 DC Cou	1001 pts) Ipled	
LX/ R	L	RF 50 G		Hz NO: Fast ↔ Gain:Low		E:PULSE	Avg Type Avg Hold:	RMS	09:47:31 AN TRAC TYP	Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 di Log	B/div	Ref Offset 9. Ref 30.00	1 dB	Gain:Low	#Atten: 40			м	kr2 25.5	59 GHz 80 dBm	Auto Tune
20.0		1									Center Freq 13.015000000 GHz
10.0											Start Freq 30.000000 MHz
-10.0										-13.00 dBm	Stop Freq
-20.0										g.	26.00000000 GHz
-30.0	haphuman	and and a second	and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the second	Madager	man	~~~~^	mana	~~~×	2.597000000 GHz Auto Man
-50.0											Freq Offset 0 Hz
	1		1	-		1	1				
-60.0	t 30 MF									6.00 GHz	

Cer	L	Analyzer - Sw RF 50 Ω 2 <b>q 79.500</b>	▲ DC			E:PULSE	Avg Type Avg Hold:	LIGN AUTO	09:48:56 AN	Apr 11, 2017	Frequency
			P1 IF0	10: Wide 🔸 Sain:Low	, Trig: Free #Atten: 10	BRun DdB	Avg Hold:			74 kHz	Auto Tune
10 di Log	B/div	Ref Offset 9.2 Ref 9.22 d	22 dB Bm							10 dBm	
-0.78											Center Freq 79.500 kHz
-10.8		_									Start Freq
-20.8											9.000 kHz
-30.8											Stop Freq
-40.8										-43.00 dbm	150.000 kHz
-50.8	<b>●</b> ¹										CF Step 14.100 kHz <u>Auto</u> Man
+60.8	միներու	Nampapap		a ware	A. A. M.	Mark	5 m. 6 6.	ሌ.ለ			Freq Offset
-70.8		- <u> </u>	and the second second	1 19 V	a ha a sha h	A . L. MAR	<del>ነ ነነ። የ</del> ነትላብ	NV NI (UNIV)	n"When	nthatutation	0 Hz
-80.8											
Star #Re	t9.00 k sBW 1.	Hz .0 kHz		#VBW	3.0 kHz*		5		74.0 ms (	0.00 kHz 1001 pts)	
MSG Agiler	it Spectrum	n Analyzer - Sw	ept SA					STATUS	🦺 DC Cοι	pled	
LXI R	L	RF   50 Ω 9 <b>q 15.075</b> 0		NO: Fart +*	1	E:PULSE	Avg Type Avg Hold:	LIGNAUTO RMS 9/100	09:49:05 AN TRAC	1 Apr 11, 2017 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10	D/alla	Ref Offset 9.2 Ref 9.22 di		NO: Fast ↔ Sain:Low	#Atten: 16	3 dB				150 kHz 18 dBm	Auto Tune
10 d Log	Bidiv	Ref 9.22 a	sm						-00.1		Center Freq
-0.78											15.075000 MHz
-10.8											Start Freq 150.000 kHz
-20.8											
-40.8										-33.00 dBm	Stop Freq 30.000000 MHz
-60.8											CF Step 2.985000 MHz
+60.8	Ľ										Auto Man
-70.8											Freq Offset 0 Hz
-80.8	- Manhadra	nnitrytraintry	an a	h-m-under-under	MUL-MUNAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	งางการใจจากเห	-entry-minere	+- <b>\.~</b>	manterior	hand the states	
Star	t 150 ki	Hz							Stop 3	0.00 MHz	
#Re мsg	s BW 1	U KHZ		#VBW	30 kHz*				68.3 ms ( 1 DC Cou	1001 pts) pled	
LXI R	L	RF 50 Ω	AC		SENSE	E:PULSE	Ava Tur -		09:49:08 AN	1 Apr 11, 2017	Frequency
Cer	ner Fre	q 13.0150	P IF	iHZ NO: Fast ↔ Sain:Low	#Atten: 40	a Run 0 dB	Avg Type Avg Hold:				Auto Tune
10 d Log	B/div	Ref Offset 9. Ref 30.00	1 dB dBm					MI	(r2 25.7 -31.7	14 GHz 80 dBm	Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0	Ŷ	1									
0.00	$\vdash$										Start Freq 30.000000 MHz
-10.0										-13.00 dDm	Stop Freq
-20.0											26.00000000 GHz
-30.0										and a	CF Step 2.59700000 GHz
-40.0	mound	and many market	and a transforder of	-	and the second second	and the second second		winh	and the second s	~~~	<u>Auto</u> Man
-50.0											Freq Offset 0 Hz
			1	1		1					
-60.0											
-60.0 Star	t 30 MH s BW 1	1z .0 MHz		#VB\/	3.0 MHz		s	Sween 6	Stop 2 4.93 ms /	6.00 GHz 1001 pts)	

Agile	nt Spec	trum-A	(C	hannel	Band	width:2	20 MH	z)_HCI	H_160	QAM_^	1RB#0	
LXI R	i L	F	ة 50 ¢ 79.500				PULSE	Avg Type Avg Hold:	LIGN AUTO	09:50:41 A TRA	M Apr 11, 2017	Frequency
	B/div		of Offset 9. ef 9.22 d	P	NO: Wide ↔ Gain:Low	Atten: 10	)dB	Avg Hold:		kr1 13.	089 kHz 65 dBm	Auto Tune
-0.78												Center Freq 79.500 kHz
-10.8												Start Freq 9.000 kHz
-20.8												Stop Freq
-40.8											-43.00 dbm	150.000 kHz
-60.8	<b>♦</b> ¹	1 6/440.8				. 6. 6 4		h				14.100 kHz <u>Auto</u> Man
-70.8		A .A MA	aAn ()it-itra	n yn mae yn	h Mar Par Mr	VMY W	ni Vandary	(ny von ly w'''	www.warwyl	UM VIANDARY	maderahan Mutu	Freq Offset 0 Hz
Sta	rt 9.0	0 KH								Stop 1	50.00 kHz	
MSG		V 1.0			#VBW	3.0 kHz*				74.0 ms (	(1001 pts) upled	
LXI R	L.	F	nalyzer - Sv 8 50 0 15.075	vept SA 2 A DC 000 MHz		1	E:PULSE	Avg Type	LIGN AUTO	09:50:50 A	M Apr 11, 2017	Frequency
		B	of Offset 9	P IF	NO: Fast ↔► Gain:Low	#Atten: 16	Run 3 dB	Avg Type Avg Hold:	9/100	Mkr1	150 kHz 31 dBm	Auto Tune
10 d Log	B/div	R	er 9.22 d							-55.2		Center Freq 15.075000 MHz
-10.8												Start Freq
-20.8											-33.00 dBm	150.000 kHz Stop Freq
-40.8												30.000000 MHz
-60.8 -60.8	1											CF Step 2.985000 MHz <u>Auto</u> Man
-70.8	L.											Freq Offset 0 Hz
-80.8 Sta	rt 150	0 kHz	Z	httl/trainerra			erfrone-anto-phier			Stop 3	0.00 MHz	
MSG		V 10			#VBW	30 kHz*				68.3 ms	(1001 pts) upled	
LXI R	L.	F	nalyzer · Sv F 50 0 13.015		Hz	1	::PULSE	Avg Type Avg Hold:	LIGN AUTO	09:50:53 A TRA	M Apr 11, 2017 E 1 2 3 4 5 6	Frequency
		Re	of Offset 9.	1 dB	NO: Fast ↔ Gain:Low	Atten: 40	dB	Avg Hold:		kr2 25.6	888 GHz 36 dBm	Auto Tune
20.0	B/div											Center Freq 13.015000000 GHz
10.0												Start Freq 30.000000 MHz
-10.0		-									-13.00 dBm	Stop Freq
-20.0											2	26.00000000 GHz
-40.0			hum	aphrotes and the second se	$\sim\sim\sim\sim\sim$	and the second	an a		Augunt	بمرمد	m	2.597000000 GHz <u>Auto</u> Man
-60.0												Freq Offset 0 Hz
Sta #Re	nt 30 es BW	MHz V 1.0	MHz		#VBW	3.0 MHz			Sweep 6	Stop 2 4.93 ms (	6.00 GHz (1001 pts)	
MSG									STATUS			