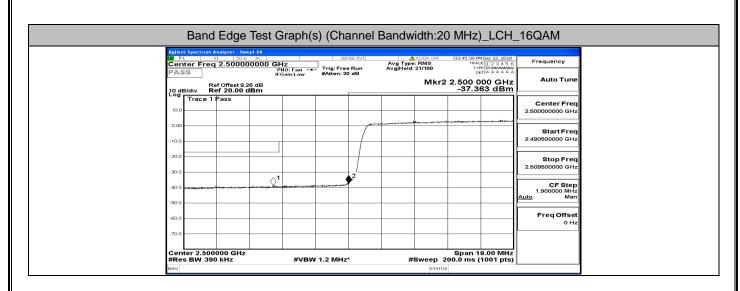


Band Edge	Test Graph(s) (Channe	Bandwidth:20 N	/Hz)_HCH	_QPSK
Agilent Spectrum Analyzer - Swept X RL RF 50 Ω Center Freq 2.570000 PASS	AC SENSE:INT 000 GHz PN0: Fast +++ Trig: Free Run	ALIGN OFF 03: Avg Type: RMS Avg Hold: 21/100	45:49 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency
10 dB/div Ref 20.00 dE	dB	Mkr2 2.	570 00 GHz 38.019 dBm	Auto Tune
10.0 Trace 1 Pass				Center Freq 2.570000000 GHz
0.00 -10.0				Start Freq 2.551470000 GHz
-20.0				Stop Freq
-30.0	2	1		2.588530000 GHz
-40.0		and the second with the second and and		3.706000 MHz <u>Auto</u> Man
-60.0				Freq Offset 0 Hz
-70.0 Center 2.57000 GHz			oan 37.06 MHz	
#Res BW 390 kHz	#VBW 1.2 MHz*	#Sweep 200.0		

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	I	Band	Edge	Test (Graph(s	s) (Ch	annel	Bandwi	dth:20	MHz)	_HCH_	_16QAM
20 C (P/	RL ento ASS	er Freg	nalyzer - Sw F 50 ⊆ 2.5700 ef Offset 8. ef 20.00	AC 00000 G 1 94 dB	iHz PNO: Fast ↔ FGain:Low		e Run 30 dB	Avg Type: Avg Hold:		2 2.570	00 GHz 33 dBm	A A
	• 9	Trace 1										Center Freq 2.570000000 GHz
	0.00											Start Freq 2.551490000 GHz
	0.0 -											Stop Freq 2.588510000 GHz
	0.0						2		1	Mary and and a start		CF Step 3.702000 MHz <u>Auto</u> Man
-60	0.0 -										and the second second	Freq Offset 0 Hz
-70	L	er 2.570	00 GHz							Span 37	7.02 MHz	
	Res	BW 39			#VBN	1.2 MH:	<u>z*</u>	#5	Sweep 2	00.0 ms (1		

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E.5 Conducted Spurious Emission

eenadeded ept				st Gra		Chan	nel Ba	andwidt	h: 5 M	Hz) L	сн о	PSK
Agi	lent	Spectrum Ar				Jonan				·		
L)XI	RL	er Freq	F 50 Ω,	ADC	IO: Wide 🕶 Sain:Low	Trig: Free	Run	Avg Type Avg Hold:	ALIGN OFF : RMS 9/100	03:46:23 PM TRAC TVP	Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
19	dB	Ret /div Re	f Offset 8.5 f 8.58 dE		Sain:Low	#Atten: 2:	2 dB			Mkr1 9.0		Auto Tune
-1.												Center Freq 79.500 kHz
-11												Start Freq 9.000 kHz
-31												Stop Freq
-41												150.000 kHz CF Step 14.100 kHz
-61		1 14.									-55.00 dBm	<u>Auto</u> Man
-71	1.4 1.4	" "mynlwyfy,	4. Andrew	ahannallathan/4	Whiteware		Nun vin	Mapphant	to at the start of the	Munt.	An A	Freq Offset 0 Hz
St	art	9.00 kHz	z			2011	w vy.r	hhilu - M. Iord	nymwyny y	Stop 15	0.00 KHZ	
MSC	а	BW 1.0			#VBW	3.0 kHz*				74.0 ms (DC Cou		
(<u>X</u>)	RL	Spectrum Ar RF er Freq	F 50 Ω,		NO:Fast ↔	SER	NSE:INT	Avg Type Avg Hold:	ALIGN OFF : RMS 9/100	D3:46:28 PM TRAC TVP	Dec 22, 2018 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
10	dB	Ref /div Re	f Offset 8.5 f 8.58 dE	a dB	ain:Low	#Atten: 10	0 dB			1kr1 3.4		Auto Tune
Lo -1.												Center Freq 15.075000 MHz
-11 -21												Start Freq 150.000 kHz
-31												Stop Freq 30.000000 MHz
-51											-45.00 dBm	CF Step 2.985000 MHz Auto Man
-61	.4 -		♦ ¹									Freq Offset 0 Hz
-81	.4	_{pa} ndut hum	Window Winner	and the second second	Network	bitran	4.	uuluumennedu s	kallat Maghin	grigedwar-partely	معل <i>مي</i> ين ورطون	
St #R	art tes	150 kHz BW 10 k	KHZ		#VBW	30 kHz*		5		Stop 30 68.3 ms (
LX/	RL	Spectrum Ar	F 50 Q	AC		SEI	NSE:INT	A				Frequency
Ce	ent			IFO	Hz NO: Fast ↔ Gain:Low	Trig: Free #Atten: 40		Avg Type Avg Hold:		03:46:32 PM TRAC TYP DE		Auto Tune
18	dB.	Ref /div Re	f Offset 7.9 f 30.00 c	8 dB IBM					M	kr2 25.9 -31.00	74 GHz 58 dBm	
20	0.0											Center Freq 13.015000000 GHz
10	0.0 - 00 -		,1									Start Freq 30.000000 MHz
-10												Stop Freq 26.000000000 GHz
-20	-										-25.00 dBm	CF Step
-40		a	Leven Lynn aller	datha gran			and the state of the		and an and the second second	and and a second	יייייא _{אייי} אייייע	2.597000000 GHz <u>Auto</u> Man
-50												Freq Offset 0 Hz
		30 MH-								Stop 2	5 00 GH-	
51 #R		30 MHz BW 1.0	MHz		#VBW	3.0 MHz	*	1	Sweep 6	Stop 2 4.93 ms (1001 pts)	

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	CSE Tes	t Graph(s) (Ch	annel Bar	ndwidth: 5 M	Hz)_MCH_Q	PSK	
LX/ RL	nt Spectrum Analyzer - Swep	DC	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 10/100	03:47:07 PM Dec 22, 2018 TRACE [1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
10 de	Ref Offset 8.58 B/div Ref 4.58 dBi	IFGain:Low #A	tten: 18 dB		Mkr1 9.282 kHz -68.752 dBm	Auto Tune	
-6.42						Center Freq 79.500 kHz	
-15.4 -25.4						Start Freq 9.000 kHz	
-35.4						Stop Freq 150.000 kHz	
-45.4					-55.00 dBm	CF Step 14.100 kHz	
-65.4 -75.4	1 May Market market and the					Auto Man Freq Offset	
-85,4		way way way and a strateging	raper produced of the sector	Jup man and marked	Contraction of the Maria	0 Hz	
	t 9.00 kHz s BW 1.0 kHz	#VBW 3.0		Sweep 1	Stop 150.00 kHz 74.0 ms (1001 pts)		
LXI RL	nt Spectrum Analyzer - Swep ∟ RF 50 c	o MHz	SENSE:INT	Avg Type: RMS	03:47:12 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE M M M M M M M M M M M M M M M M M M M	Frequency	
10 gg	Ref Offset 8.58 B/div Ref 8.58 dBI	IFGain:Low #A	tten: 10 dB		/kr1 2.448 MHz -72.045 dBm	Auto Tune	
-1.42						Center Freq 15.075000 MHz	
-11.4 -21.4						Start Freq 150.000 kHz	
-31.4 -41.4						Stop Freq 30.000000 MHz	
-61.4					-45.00 dBm	CF Step 2.985000 MHz <u>Auto</u> Man	
-61.4 -71.4	1					Freq Offset	
		riversurful of our galance harrowing mal are	nduballaria	www.www.www.			
#Res MSG	t 150 kHz s BW 10 kHz	#VBW 30	kHz*		Stop 30.00 MHz 68.3 ms (1001 pts) 1 DC Coupled		
LXI RL	nt Spectrum Analyzer - Swep L RF 50 Ω Iter Freq 13.01500		SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 5/100	03:47:16 PMDec 22, 2018 TRACE [1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
10 de Lo ge	Ref Offset 7.98 B/div Ref 30.00 dE	dB		M	kr2 25.662 GHz -31.018 dBm	Auto Tune	
20.0						Center Freq 13.015000000 GHz	
0.00 -						Start Freq 30.000000 MHz	
-10.0 -20.0					-25.00 dBm	Stop Freq 26.00000000 GHz	
-30.0 -40.0		Man manager and the second		and the second second		CF Step 2.597000000 GHz <u>Auto</u> Man	
-50.0						Freq Offset 0 Hz	
-60.0 Start	t 30 MHz				Stop 26.00 GHz 4.93 ms (1001 pts)		
#Res MBG	s BW 1.0 MHz	#VBW 3.0	MHz*	Sweep 6			

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(CSE Test Graph(s)	(Channel Ba	ndwidth: 5 M	Hz)_HCH_QI	PSK	
Agilent Spectrum	Analyzer - Swept SA RF 50 0 A DC 1 79.500 kHz	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 9/100	103:46:44 PMDer: 22:2018	Frequency	
F	PNO: Wide - IFGain:Low ef Offset 8.58 dB ef 8.58 dBm	Trig: Free Run #Atten: 22 dB		TRACE 123456 TYPE MWWWW DET A A A A A A VIkr1 9.282 kHz -65.361 dBm	Auto Tune	
10 dB/div F					Center Freq 79.500 kHz	
-11.4					Start Freq	
-21.4					9.000 kHz Stop Freq	
-41.4					CF Step	
-61.4 1				-55.00 dBm	14.100 kHz Auto Man	
-71.4	Martin Manuna Martin Martin Iz	Warman Marina	Alter Augure the state of the self	Maria dala al maria da da da d	Freq Offset 0 Hz	
Start 9.00 kl #Res BW 1.0		W 3.0 kHz*	Sweep 1	ייזיגרייזיאין אוגעיזעאין איזיאין Stop 150.00 kHz 74.0 ms (1001 pts)		
MBG Agilent Spectrum 128 RL	Analyzer - Swept SA			1 DC Coupled		
Center Free	15.075000 MHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 10 dB		03:47:53 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency Auto Tune	
	ef Offset 8.58 dB ef 8.58 dBm			1kr1 5.583 MHz -62.651 dBm	Center Freq	
-1.42					15.075000 MHz	
-21,4					Start Freq 150.000 kHz	
-31.4				-45.00 dBm	Stop Freq 30.000000 MHz	
-61.4	▲1				CF Step 2.985000 MHz <u>Auto</u> Man	
-71.4	poloristic to any way				Freq Offset 0 Hz	
-81.4 II ()))(4 ≠ M) Start 150 kH		hermonic	and with a restricted and the second	stop 30.00 MHz		
#Res BW 10	kHz #VB	W 30 kHz*		68.3 ms (1001 pts)		
LX/ RL	Analyzer - Swept SA RF 50 Ω AC 1 13.015000000 GHz PN0: Fast ~	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 5/100	03:47:56 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
10 dB/div F	IFGain:Low ef Offset 7.98 dB ef 30.00 dBm	#Atten: 40 dB		kr2 25.662 GHz -30.319 dBm	Auto Tune	
20.0					Center Freq 13.015000000 GHz	
0.00	1				Start Freq 30.000000 MHz	
-10.0					Stop Freq 26.000000000 GHz	
-30.0				-25.00 c - 2	CF Step 2.59700000 GHz <u>Auto</u> Man	
-40.0	Alle Concertainte Commences	and a second a second a second a second a second a second a			Freq Offset 0 Hz	
-60.0						
Start 30 MH #Res BW 1.0	MHz #VB	W 3.0 MHz*	Sweep 6	Stop 26.00 GHz 4.93 ms (1001 pts)		

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CES Test Graph(s) (Channel Bandwidt: 5 MHz) LCH 160AM		CS	SE Test (Graph(s) (Channe	el Ban	dwidth	n: 5 Mł	Hz) LC	CH 160	DAM	
Center Free, 2000 MA The Sol Book MA T	Agle	nt Spectrum An			o ricariti							
Ales Turn Her 18, 222, 247 Her 19, 202, 247 Her 19, 247 H	Ce	nter Freq	79.500 kHz	PNO: Wide	Trig: Free	Run	Avg Type Avg Hold:	: RMS 9/100	U3:46:44 PM TRACI TYP		Frequency	
	10 4	Ref B/div Ref	Offset 8.58 dB f 8.58 dBm		#Atten: 22	ab			/lkr1 9.2	282 kHz	Auto Tune	
Image: State of the state												
Image: State Stat											Start Freq 9.000 kHz	
Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Image: Sector Price Im		1									Stop Freq 150.000 kHz	
Image: Section of the section of th		1								-55.00 dBm	14.100 kHz	
Bits bits BVBW 3.0 htr Bvverp 1.00 http Image: Discrete field in the discrete fie		1										
Bet 100 HV (1 APP) HILE BY (1			Werry	www.mwm.mw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	riddan	Alenthymytel	whiten	WAL-MURAN	uu እንስለት እ		
Providence for and the stand of the stan		rt 9.00 kHz]		Sweep 1	Stop 15 74.0 ms (*	0.00 kHz 1001 pts)		
Prequency Protect Freq 15.0 75000 MHz Protect Freq 15.0 7500 MHz Protect Freq 15.0 750 MHz Protect Fr	MBG							STATUS	🚹 DC Cou	pled		
Nert 478 kHz Auto Ture 10 gBb/r 70.847 dBm Center Freq 11 g 1 1 1 1 12 g 1 1 1 1 1 13 g 1 <t< td=""><td>LXI F</td><td>RL RF</td><td>50 Q 🔥 DC</td><td>MHz PN0: East ↔</td><td>SENS</td><td>BE:INT</td><td>Avg Type Avg Hold:</td><td>ALIGN OFF RMS 9/100</td><td>03:46:49 PM TRACI TVP</td><td>Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWWW</td><td>Frequency</td><td></td></t<>	LXI F	RL RF	50 Q 🔥 DC	MHz PN0: East ↔	SENS	BE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	03:46:49 PM TRACI TVP	Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWWW	Frequency	
1.1 1	10 s	B/div Ref	′ Offset 8.58 dB f 8.58 dBm	IFGain:Low	#Atten: 10	dB			Mkr1 4	178 kHz	Auto Tune	
Start 100 MHz Ref Offer 7 98 dB Ref Offer 7 98 dB Ref Offer 7 98 dB Start 100 MHz Ref Offer 7 98 dB Start 20 MHz Ref Offer 20 MHz Start 20 M												
and		1										
11 11 1 1 2385000 MHz 11 1 1 1 1 1 11 1 1 1 1 1 1 11 1 1 1 1 1 1 1 11 1<		1										
a a		1								-45.00 dBm	CF Step	
0 - H 0 - H <t< td=""><td></td><td>a ●¹</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u>Auto</u> Man</td><td></td></t<>		a ● ¹									<u>Auto</u> Man	
Start 100 kHz #VBW 30 kHz* Stop 30.00 MHz Wie Internet Sector Analyzes DC Coupled Alleint Spectrum Analyzes Sweep 388.3 ms (100 pts) Frequency Center Freq 13.015000000 GHz Contact PH (100 pts) Frequency Ref Offset 7.99 dB Micro Hz Auto Tune 10 gBrdiv Ref 30.00 dBm -31.002 dBm Center Freq 10 gBrdiv Ref 30.00 dBm -31.002 dBm Stop 766 GHz 30 d		Mellow Man	here and a second second									
Adjust Spectral Analyzer Sweet SA Ref 30.00 GHz arr Well SA Center Freq 13.01500000 GHz arr Mills Free Run Micanitow Ref 30.00 dBm Center Freq 10 dBd/w Ref 30.00 dBm Center Freq 10 dB/w Ref 30.00 dBm Center Freq 10 dB/w Start Freq 250700000 GHz 25000000 dHz 25000000 dHz 2500000 dHz 250000 dHz 2500000 dHz 25000 dHz 2500000 dHz 2500000 dHz 25000	Sta #Re	rt 150 kHz s BW 10 k				wheelyn haa			Stop 30	0.00 MHz		
Image: Non-State Image: Non-State <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
Centres Frig: Free Run In GainsLow Avglielies 6/100 Tree Run Run Avglielies 6/100 Auto Tune 0 Before 7.38 dB Ref 30.00 dBm Mkr2 25.766 GHz -31.002 dBm Auto Tune 0 Before 7.38 dB Ref 30.00 dBm Center Freq 13.015000000 GHz Center Freq 30.00000 MHz 0 Image: Center Freq 13.015000000 GHz Start Freq 20.000000 GHz Start Freq 20.000000 GHz 1 Image: Center Freq 13.015000000 GHz Start Freq 20.000000 GHz Start Freq 20.000000 GHz 1 Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz Start Freq 2.59700000 GHz 1 Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz 1 Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz 1 Image: Center Freq 13.01500000 GHz Image: Center Freq 13.01500000 GHz Image: Center Freq 13.01500000 GHz 1 Image: Center Freq 13.01500000 GHz Image: Center Freq 13.015000000 GHz Image: Center Freq 13.015000000 GHz 1 Image: Center Freq 13.01500000 GHz Image: Center Freq 13.015000000 GHz Image: Center Freq 13.01500000 GHz 1 Image: Center Freq 13.015000000 GHz <		RL RE	50 Q AC		SENS	SE:INT	Aug 7	ALIGN OFF	03:46:53 PM	1Dec 22, 2018	Frequency	
10 dB/dlv Ref 30.00 dBm -31.002 dBm 20	Ce			PNO: Fast ↔ IFGain:Low	Trig: Free #Atten: 40	Run dB	Avg lype Avg Hold:	5/100				
200 30.015000000 GHz 100 13.015000000 GHz 100 13.0150000000 GHz 100 13.015000000 GHz 100 13.0150000000 GHz 100 13.0150000000 GHz 100 13.0150000000 GHz 100 13.0150000000 GHz 100 13.01500000000 GHz <td>10 g</td> <td>B/div Ref</td> <td>offset 7.98 dB f 30.00 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-31.00</td> <td>02 dBm</td> <td>Center Freg</td> <td></td>	10 g	B/div Ref	offset 7.98 dB f 30.00 dBm						-31.00	02 dBm	Center Freg	
0.00 Start Freq 30.00000 MHz 100 Start Freq 30.00000 GHz 100 Start Freq 30.00000 GHz 200 Start Freq 2.5070000 GHz 300 Start Freq 2.5070000 GHz 300 Start Freq 3.000000 GHz 300 Start Freq 3.000000 GHz 300 Start So MHz Start 30 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)			1									
-200 -200	0.0											
30.0		1 1									Stop Freq 26.00000000 GHz	
.000 .000	-30.0)					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	an and a start and a start and	water of the second	-25.00 diam	2.597000000 GHz	
BOD Start 30 MHz #VBW 3.0 MHz* Stop 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)		mound	and a second	and a second and a s		an ^{an} seattai ^{(Nerta}					Freq Offset	
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)	-60.0										0112	
	Sta #Re	rt 30 MHz es BW 1.0 F	MHz	#VBW	/ 3.0 MHz*			Sweep 6	4.93 ms (*	6.00 GHz 1001 pts)		

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CSE Test Gra	nh(s) (Channel Bar	ndwidth: 5 MHz)_MCH_16	ΟΑΜ	
Agilent Spectrum Analyzer - Swept SA		ALIGN OFF 103:47:25 PM Dec 22:2018		
Center Freq 79.500 kHz	PNO: Wide Trig: Free Run FGain:Low #Atten: 6 dB	Avg Type: RMS Avg Hold: 10/100 Det A A A A A	Frequency	
Ref Offset 8.58 dB 10 dB/div Ref 4.58 dBm		Mkr1 19.293 kHz -78.814 dBm	Auto Tune	
-6.42			Center Freq 79.500 kHz	
-15.4			Start Freq 9.000 kHz	
-36.4			Stop Freq 150.000 kHz	
-45.4		-55.00 dBm	CF Step	
-65.4			14.100 kHz <u>Auto</u> Man	
-75.4 -85.4	A MANA A A A A A A A A A A A A A A A A A		Freq Offset 0 Hz	
Start 9.00 kHz	, w .	Mu prost alway on many property and my		
#Res BW 1.0 kHz	#VBW 3.0 kHz*	Sweep 174.0 ms (1001 pts)		
Agilent Spectrum Analyzer - Swept SA Ø RL RF 50 9 ▲ DC Center Freq 15.075000 MHz	PNO: East ++++ Irig: Free Run	ALIGN OFF 03:47:34 PMDec 22, 2018 Avg Type: RMS TRACE [1 2 3 4 5 6 Avg[Hold: 9/100 TVPE [MWMWMJ	Frequency	
Ref Offset 8.58 dB 10 dB/div Ref 8.58 dBm Log	FGain:Low #Atten: 16 dB	_{Det} A A A A A Mkr1 2.448 MHz -72.398 dBm	Auto Tune	
-1.42			Center Freq 15.075000 MHz	
-11.4			Start Freq 150.000 kHz	
-21.4			Stop Freq	
-41.4		-45.00 dBm	30.000000 MHz	
-61.4			СF Step 2.985000 MHz <u>Аuto</u> Man	
-71.4			Freq Offset 0 Hz	
	ารสารารบารบารระบบสารารประสารารประสารารประสารารประสารารประสารารประสารารประสารารประสารารประสารารประสารารประสารารป	alway and a second a		
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Stop 30.00 MHz Sweep 368.3 ms (1001 pts) status 🔥 DC Coupled		
 Agilent Spectrum Analyzer - Swept SA (24) RL RF 50 Ω ΑC Center Freq 13.015000000 (GHZ	ALIGN OFF 03:47:38 PMDec 22, 2018 Avg Type: RMS TRACE [123456 Avg[Hoid: 6/100 TVPE[Mission40004	Frequency	
Ref Offset 7.98 dB	FGain:Low #Atten: 40 dB	Mkr2 25.636 GHz	Auto Tune	
10 dB/div Ref 30.00 dBm		-30.807 dBm	Center Freq 13.015000000 GHz	
10.0			Start Freq	
0.00			30.000000 MHz	
-20.0		-25 00 (50)	Stop Freq 26.000000000 GHz	
-30.0		- man man man mark	CF Step 2.597000000 GHz <u>Auto</u> Man	
-50.0	and a second		Freq Offset 0 Hz	
-60.0				
Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop 26.00 GHz Sweep 64.93 ms (1001 pts)		

	CSE Te	st Graph(s) (C	Channel Bar	ndwidth: 5 Mł	Hz) HCH 16(DAM	
Agiler	nt Spectrum Analyzer - Sw						
<mark>vi</mark> r Cer	ter Freq 79.500	ADC KHZ PNO: Wide ↔ IFGain:Low	Trig: Free Run	Avg Type: RMS Avg Hold: 9/100	03:46:44 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
10.41	Ref Offset 8.1 B/div Ref 8.58 d		#Atten: 22 dB	I	Mkr1 9.282 kHz -65.361 dBm	Auto Tune	
-1.42						Center Freq 79.500 kHz	
-11.4 -21.4						Start Freq 9.000 kHz	
-31.4						Stop Freq 150.000 kHz	
-41.4 -51.4						CF Step	
-61.4	1					14.100 kHz <u>Auto</u> Man	
-71.4 -81.4	"" War you have a for the for	m/mww.m.m.m.m.m.m.	WAN Alm Marken	Alert and the set	Na	Freq Offset 0 Hz	
Star	t 9.00 kHz s BW 1.0 kHz		3.0 kHz*		۲4.0 ms (1001 pts)		
#Re MSG	5 BW 1.0 KHZ	#0800	v.v RH2		DC Coupled		
LXI R	nt Spectrum Analyzer - Sw L RF 50 Q nter Freq 15.0750	A DC	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 9/100	03:48:09 PM Dec 22, 2018 TRACE [1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
10 di	Ref Offset 8. B/div Ref 8.58 d	IFGain:Low	#Atten: 10 dB		/kr1 6.239 MHz -61.236 dBm	Auto Tune	
-1.42						Center Freq 15.075000 MHz	
-11.4						Start Freq 150,000 kHz	
-21.4 -31.4						Stop Freq	
-41.4 -51.4					-45.00 dBm	30.000000 MHz	
-61.4		●1 Minishyh.				2.985000 MHz <u>Auto</u> Man	
-71.4	What all wall					Freq Offset 0 Hz	
	10,549	howen the operation of the second seco	and you have a second	an angle for a state of the sta			
Star #Re MSG	t 150 kHz s BW 10 kHz	#VBW	30 kHz*		Stop 30.00 MHz 68.3 ms (1001 pts)		
DU R	nt Spectrum Analyzer - Sw L RF 150 ແ Inter Freq 13.0151		SENSE:INT	ALIGN OFF	03:48:13 PMDec 22, 2018	Frequency	
	Ref Offset 7.	PNO: Fast +++ IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Hold: 6/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A Kr2 25.714 GHz	Auto Tune	
10 dl	B/div Ref 30.00	3Bm			-30.412 dBm	Center Freq 13.015000000 GHz	
10.0	1					Start Freq	
0.00						30.000000 MHz	
-20.0					-25.00 ď j	Stop Freq 26.00000000 GHz	
-30.0		- multi-	to a water and a more and a water		and man and the second	CF Step 2.597000000 GHz <u>Auto</u> Man	
-50.0	manager the second					Freq Offset 0 Hz	
-60.0					Stop 26.00 GHz		
Star #Re MSG	t 30 MHz s BW 1.0 MHz	#VBW	3.0 MHz*	Sweep 6	4.93 ms (1001 pts)		

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C	SE Test Graph(s)) (Channel Ba	Indwidth: 10 M	/Hz)_LCH_Q	PSK	
Agilent Spectrum	Analyzer - Swept SA					
Center Fred	RF 50 Ω ▲ DC 79.500 kHz PN0: Wide	SENSE:INT	Aug Type: RMS Avg Hold: 9/100	03:48:27 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
10 dB/div R	PNO: Wide IFGain:Low ef Offset 8.58 dB ef 8.58 dBm	#Atten: 22 dB		kr1 12.666 kHz -62.717 dBm	Auto Tune	
-1.42					Center Freq 79.500 kHz	
-11.4					Start Freq 9.000 kHz	
-31.4					Stop Freq	
-41.4					150.000 kHz	
-51.4 -61.4					14.100 kHz <u>Auto</u> Man	
-71.4 WWW Vyby	and the second and the second and the second s	And Al as also at the as			Freq Offset 0 Hz	
-81.4 Start 9.00 kH		- A. A. S. C. M.	MY IN MARINAL HAL	Stop 150.00 KHz		
#Res BW 1.0		BW 3.0 kHz*	Sweep 1	74.0 ms (1001 pts)		
LX/ RL	Analyzer - Swept SA RF 50 Ω Δ DC 1 15.075000 MHz PNO: Fast	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 9/100	03:48:32 PM Dec 22, 2018 TRACE [1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	_
10 dB/div B	PNO: Fast IFGain:Low ef Offset 8.58 dB ef 8.58 dBm	#Atten: 10 dB	The Bir county of 1999	Mkr1 478 kHz -72.459 dBm	Auto Tune	
10 dB/div R -1.42					Center Freq 15.075000 MHz	
-11.4					Start Freq	
-21.4					150.000 kHz	
-41.4				-45.00 dBm	Stop Freq 30.000000 MHz	
-51.4					CF Step 2.985000 MHz <u>Auto</u> Man	
-71.4					Freq Offset 0 Hz	
	and the contract of the second s	างการเข้าสารสารสารและ	มากระคาสู่ประสุริกษาสู่สารเสียง	whiteward		
Start 150 kH #Res BW 10	z kHz #VI	BW 30 kHz*	Sweep 3	Stop 30.00 MHz 68.3 ms (1001 pts) DC Coupled		
(X/RL	Analyzer - Swept SA RF 50 Ω AC	SENSE:INT	ALIGN OFF	03:48:36 PMDec 22, 2018		
Center Fred	13.015000000 GHz PNO: Fast IFGain:Low		Aug Type: RMS Avg Hold: 5/100	TRACE 1 2 3 4 5 6 TYPE MUMANAN DET A A A A A A	Frequency	
10 dB/div R	ef Offset 7.98 dB ef 30.00 dBm		MI	kr2 25.688 GHz -30.664 dBm	Auto Tune	
20.0					Center Freq 13.015000000 GHz	
10.0	1				Start Freq 30.000000 MHz	
-10.0					Stop Freq 26.00000000 GHz	
-20.0				-25.00 e	25.000000000 GHz CF Step 2.597000000 GHz	
-40.0 providence	Alast and a state of the state	ar man and a second second second		warden warden werden	<u>Auto</u> Man	
-60.0					Freq Offset 0 Hz	
Start 30 MHz #Res BW 1.0	MHz #M	BW 3.0 MHz*	Sweer 6	Stop 26.00 GHz 4.93 ms (1001 pts)		
MSG	#VI	57, 5.0 MINZ"	Sweep 6			

CSE Test Gra	ph(s) (Channel Bai	ndwidth: 10 MHz)	MCH QPSK	
Agilent Spectrum Analyzer - Swept SA	SENSE:INT	AUGN OFF 03:49:0	18 PM Dec 22, 2018	1
Ref Offset 8.58 dB	PNO: Wide 🛶 Trig: Free Run FGain:Low #Atten: 22 dB	Mkr1 1	RACE 123456 Frequency TYPE Det/AAAAAA Auto Tune 0c1/AAAAAA Auto Tune .525 dBm	
10 dB/div Ref 8.58 dBm -1.42			Center Freq 79.500 kHz	
-11.4			Start Freq 9.000 kHz	
-21.4			Stop Freq	
-41.4				
-61.4 - 1				
-71.4 -81.4	and and the second and the second	when the second	W MWWW	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*	Stop Sweep 174.0 m	150.00 kHz s (1001 pts)	
 Agilent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN OFF 03:49:3	3 PMDec 22, 2018	
Ref Offset 8.58 dB	PNO: Fast +++ Trig: Free Run FGain:Low #Atten: 10 dB	Mkr	1 478 kHz Auto Tune	
10 dB/div Ref 8.58 dBm -1.42		-12	.851 dBm Center Freq 15.075000 MHz	
-11.4			Start Freq 150.000 kHz	
-21.4			Stop Freq	
-41.4			-45 00 dBm -45 00 dBm CF Step 2.985000 MHz	
-61.4 -71.4 1			Auto Man Freq Offset	
	างในปีของข้องารเหตุลายารณะเหตุลายางการเกิดเป	urtertainetheographics	OHz Carbhanlishiwan	
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Stop Sweep 368.3 m	s (1001 pts)	
 Agine Sectrum Analyzer - Swept SA X RL RF SO Ω AC Center Freq 13.015000000	GHz PN0: Fast +++ Trig: Free Run	ALIGN OFF 03:49:3 Avg Type: RMS Avg Hold: 6/100	TPMDec 22, 2018 Frequency IRACE 1 2 3 4 5 6 TYPE TWATE DET/A A A A A	
Ref Offset 7.98 dB 10 dB/div Ref 30.00 dBm	FGain:Low #Atten: 40 dB	Mkr2 25	5.714 GHz Auto Tune	
20.0			Center Freq 13.015000000 GHz	
0.00			Start Freq 30.000000 MHz	
-10.0			Stop Freq 26.00000000 GHz	
-30.0		menning and menning and a second	-25.00 cm CF Step 2.597000000 GHz Auto Man	
-40.0	and her we have a set of the second set of the s	H./***	Freq Offset	
-60.0				
Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop Sweep 64.93 m	s (1001 pts)	

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	CSE Test Gr	aph(s) (Channel Ba	ndwidth: 10 M	IHz) HCH Q	PSK	
Agilent Spe	ctrum Analyzer - Swept SA					
LX/ RL	RF 50 Ω Δ DC	SENSE:INT	Aug Type: RMS Avg Hold: 10/100	03:49:47 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
10 10 10	Ref Offset 8.58 dB Ref 8.58 dBm	PNO: Wide Trig: Free Run IFGain:Low #Atten: 10 dB		kr1 93.600 kHz -69.446 dBm	Auto Tune	
10 dB/div	Kei 8.58 üBili				Center Freq	
-1.42					79.500 kHz	
-11.4					Otart From	
-21.4					Start Freq 9.000 kHz	
-31.4						
					Stop Freq 150.000 kHz	
-41.4						
-61.4				-55.00 dBm	CF Step 14.100 kHz Auto Man	
-61.4			▲ 1		<u>Auto</u> Man	
-71.4	ano non an all the s. a on the sign Ha	man for a contraction of the con		เหลาะเมื่อสาก เมนะ	Freq Offset 0 Hz	
-81.4	anasikada ili darkhi ta dit k d d	h h.n. w.n	the encoller of the former of the first	M. A.O H. H. C. Dava . Mar		
Start 9.0 #Res Bi	00 kHz N 1.0 kHz	#VBW 3.0 kHz*	Sweep 17	Stop 150.00 kHz 74.0 ms (1001 pts)		
MSG			STATUS	L DC Coupled		
LXI RL	ctrum Analyzer - Swept SA RF 50 ହ 🛕 DC	SENSE:INT	ALIGN OFF	03:49:53 PM Dec 22, 2018	Francisco	
Center	Freq 15.075000 MH	PNO: East +++ Irig: Free Run	Avg Type: RMS Avg Hold: 9/100	03:49:53 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
	Ref Offset 8.58 dB Ref 8.58 dBm	IFGain:Low #Atten: 10 dB		kr1 4.001 MHz	Auto Tune	
10 dB/div	Ref 8.58 dBm			-62.453 dBm		
-1.42					Center Freq 15.075000 MHz	
-11.4						
					Start Freq 150.000 kHz	
-21.4						
-31.4					Stop Freq	
-41.4				-45.00 dBm	30.000000 MHz	
-61.4					CF Step 2.985000 MHz	
-61.4	↓1				Auto Man	
-71.4	presenting and the second strategy and	เป็นสาวการการการการการการการการการการการการการก	ارديانه رواياس فاردورياني واراد ورواياس الم	Marthank Marthan	Freq Offset	
-81.4					0 Hz	
-01.4						
Start 15 #Res Bi	0 kHz N 10 kHz	#VBW 30 kHz*	Sween 3f	Stop 30.00 MHz 38.3 ms (1001 pts)		
MSG		#1011 00 RHz		DC Coupled		
Agilent Spe	ctrum Analyzer - Swept SA	and and a set		00.40.64 04.0		
	Freq 13.01500000	GHz PNO: Fast +++ Trig: Free Run	Aug Type: RMS Avg Hold: 6/100	03:49:56 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
	Ref Offset 7.98 dB	IFGain:Low #Atten: 40 dB		(r2 25.688 GHz	Auto Tune	
10 dB/div Log	Ref 30.00 dBm			-30.821 dBm		
20.0					Center Freq 13.015000000 GHz	
					13.9 1000000 GHz	
10.0	01				Start Freq	
0.00					30.000000 MHz	
-10.0					Stop Freq	
-20.0					26.00000000 GHz	
-30.0				-25.00 dBm	CF Step 2.59700000 GHz	
		سى بى		warman our blow with	2.597000000 GHz <u>Auto</u> Man	
-40.0	and the second state of the second	the second and a			Erog Offect	
-50.0					Freq Offset 0 Hz	
-60.0						
Start 30	MHz			Stop 26.00 GHz		
#Res B	W 1.0 MHz	#VBW 3.0 MHz*		1.93 ms (1001 pts)		
MSG			STATUS			

	CSE Test	Graph(s) (Ch	annel Bar	dwidth: 10 M	(Hz) LCH 16	QAM	
Agiler	nt Spectrum Analyzer - Swep		Jan Bar				
Cer	nter Freq 79.500 k	Hz PNO: Wide T	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 10/100	03:48:47 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
10 di	Ref Offset 8.58 B/div Ref 8.58 dB	IFGain:Low #/	Atten: 22 dB		Mkr1 9.141 kHz -61.686 dBm	Auto Tune	
-1.42						Center Freq 79.500 kHz	
-11.4						Start Freq 9.000 kHz	
-31.4						Stop Freq 150.000 kHz	
-41.4 -51.4						CF Step	
-61.4	1 Mo.				-55.00 dBm	14.100 kHz Auto Man	
-71.4 -81.4	· marallalar Maran and	Mrangenal physical physical	1 AMW MARIA M	Mr. When the want	At an at the block of the	Freq Offset 0 Hz	
Star	rt 9.00 kHz s BW 1.0 kHz	#VBW 3.0			۳۵۲۳۳۵۵۳۳۵۵۲۳۵ Stop 150.00 kHz 174.0 ms (1001 pts)		
MSG					DC Coupled		
IN B	nt Spectrum Analyzer - Swep :L RF 50 & <u>A</u> hter Freq 15.07500		SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 9/100	03:48:53 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency	
10 <u>a</u> l	Ref Offset 8.58 B/div Ref 8.58 dB	IFGain:Low #/	Atten: 10 dB		Mkr1 2.448 MHz -72.520 dBm	Auto Tune	
-1.42						Center Freq 15.075000 MHz	
-11.4 -21.4						Start Freq 150.000 kHz	
-31.4						Stop Freq 30.000000 MHz	
-41.4					-45.00 dBm	CF Step	
-61.4						2.985000 MHz Auto Man	
-71.4 -81.4	adden Mary brownidow we					Freq Offset 0 Hz	
	rt 150 kHz	har light of the man and the second stand	himmer with the hours of the	an manager and the second	Warman Mary Indentifiant		
star #Re Msg	es BW 10 kHz	#VBW 30	kHz*	Sweep	368.3 ms (1001 pts)		
LXI R	nt Spectrum Analyzer - Swep ເໄ RF 50 ລ hter Freq 13.01500		SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 5/100	03:48:56 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE M MMMMM DET A A A A A	Frequency	
10 di	Ref Offset 7.98 B/div Ref 30.00 di	IFGain:Low #/	Atten: 40 dB		_{Der} ۸ ۸ ۸ ۸ ۸ Ikr2 25.662 GHz -31.006 dBm	Auto Tune	
20.0						Center Freq 13.015000000 GHz	
10.0						Start Freq 30.000000 MHz	
-10.0						Stop Freq 26.00000000 GHz	
-20.0 -30.0					-25.00 dBm	CF Step	
-40.0		When any a second reaction of the second	معمامه عولاالهم بالمعاجم فليعلمونهم	and the second s	man man and the wat	2.597000000 GHz Auto Man	
-50.0 -60.0						Freq Offset 0 Hz	
Star #Re	rt 30 MHz es BW 1.0 MHz	#VBW 3.0) MHz*	Sweed	Stop 26.00 GHz 64.93 ms (1001 pts)		
MSG				STATU			

CSE Test Graph(s) (Channel Band	dwidth: 10 MHz) MCH 160	QAM	
Agilent Spectrum Analyzer - Swept SA	SENSE:INT		49:29 PMDer 22, 2018	Frequency	_
Center Freq 79.500 kHz PNO: Wi IFGain:L Ref Offset 8.58 dB 10 dB/div Ref 8.58 dBm	de -+- Trig: Free Run ow #Atten: 22 dB	Avg Type: RMS Avg Held: 9/100 Mkr1	12.243 kHz	Auto Tune	
10 dB/div Ref 8.58 dBm -1.42			65.261 dBm	Center Freq 79.500 kHz	
-11.4				StartFreq 9.000 kHz	
-21.4				Stop Freq	
-41.4			-55.00 dBm	150.000 kHz	
-61.4				14.100 kHz Man Freq Offset	
-71.4 Mr. M. W.	Mum allender who	mon the hand MAN	MA MANA	0 Hz	
Start 9.00 kHz #Res BW 1.0 kHz #	¢VBW 3.0 kHz*	St Sweep 174.0	op 150.00 kHz ms (1001 pts)		
MSG Agilent Spectrum Analyzer - Swept SA ØXIRL RF S0 Q2D C	SENSE:INT		49:34 PMDec 22, 2018	Frequency	
IFGain:L	ust ⊶⊶ Trig: Free Run ow #Atten: 10 dB	Avg Type: RMS Avg Hold: 9/100	TYPE MWWWWW DET A A A A A A Kr1 478 kHz	Auto Tune	
10 dB/div Ref 8.58 dB 10 dL dB/div Ref 8.58 dB m		-	71.684 dBm	Center Freq 15.075000 MHz	
-11.4				Start Freq 150.000 kHz	
-21.4				Stop Freq	
-41.4			-45.00 dBm	30,000000 MHz CF Step 2.985000 MHz	
-61.4				Freq Offset	
-81.4 Hulth Augustan War War	ala Mariada dina serenda ana serenda ana	n an de alles denne der der alle de la set des dels	and the first states of the	0 Hz	
Start 150 kHz #Res BW 10 kHz #	¢vBW 30 kHz*	status <u>1</u> Sweep 368.3 Status <u>1</u>	i ms (1001 pts)		
 Aglient Spectrum Analyzer - Swept SA M RL RF 50 Ω AC Center Freg 13.015000000 GHz	SENSE:INT		49:38 PMDec 22, 2018	Frequency	
PNO: Fa FGain:L 10 dB/div Ref 30.00 dBm Log	ust Trig: Free Run ow #Atten: 40 dB	Mkr2	25.636 GHz 30.824 dBm	Auto Tune	
20.0				Center Freq 13.015000000 GHz	
10.0 0.00				Start Freq 30.000000 MHz	
-10.0				Stop Freq 26.000000000 GHz	
-20.0			-25.00 cm	CF Step 2.597000000 GHz uuto Man	
-40.0				Freq Offset 0 Hz	
-60.0					
Start 30 MHz #Res BW 1.0 MHz #	∜BW 3.0 MHz*	Sweep 64.93 Status	top 26.00 GHz ms (1001 pts)		

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		CSE Tes	st Gran	h(s) ((Channe	el Ban	dwidth:	10 M	Hz) H	CH 16	SQAM
LXI	RL	trum Analyzer - Sw RF 50 G	rept SA	(5) (0	SET			ALIGN OFF	03:50:04 PM	1Der 22, 2018	
C	enter l	Freq 79.500	P	NO: Wide 🕶 Gain:Low	Trig: Free #Atten: 10	e Run 0 dB	Avg Type: Avg Hold:		TRAC TVP DE	E 1 2 3 4 5 6 E M M M M M M M M M M M M M M M M M M M	Frequency
18	dB/div	Ref Offset 8. Ref 8.58 d	58 dB Bm		1	1		м	kr1 20.8 -69.24	344 kHz 41 dBm	Auto Tune
-1.											Center Freq 79.500 kHz
-11	.4										Start Freq
-21	.4										9.000 kHz
-31											Stop Freq 150.000 kHz
-41											CF Step
-61										-55.00 dBm	14.100 kHz <u>Auto</u> Man
-71	.4 hong/		Ara Marah		MANNA	MAN AN	monthor	When the second	MANNA	WAT ALL MAN	Freq Offset 0 Hz
-81		- CENTRY AND AND A	- *V - **W	1.01.2.010	Jer Maria A	Υ.Υ.ΠW."	MI MA	רקוי דייעייו	i i ang a		
St #F	art 9.0 tes BM	0 kHz 1.0 kHz		#VBW	/ 3.0 kHz*		ـــــــــــــــــــــــــــــــــــــ	Sweep 17	Stop 15 74.0 ms (0.00 kHz 1001 pts)	
мас	a								DC Cou		
1 21	RL	Freg 15.075	<u>≜</u> ⊳⊂			NSE:INT	Avg Type: Avg Hold:	ALIGN OFF	03:50:09 PM TRAC	1Dec 22, 2018 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
		Ref Offset 8		NO: Fast 🔸 Gain:Low	#Atten: 10	0 dB	AAAluoid:		lkr1 3 2	25 MHz	Auto Tune
18	dB/div	Ref Offset 8. Ref 8.58 d	Bm						-61.14	40 dBm	Center Freq
-1.	42										15.075000 MHz
-11											Start Freq 150.000 kHz
-21											
-41										-45.00 dBm	Stop Freq 30.000000 MHz
-61	.4									145.00 0.01	CF Step 2.985000 MHz
-61	.4 North	مرابعاليم المعالية مريدية	Welchle . ma								<u>Auto</u> Man
-71	.4	neinelligineriterraniae	,	w/**/~***/******	har Marthan Mar	an shirt and a shirt and a	and the market	_በ ግዛአሳት _በ ብት _ን ብ	halhd handa	vyhyvillen vulgalle	Freq Offset 0 Hz
-81	.4										
#F		0 kHz V 10 kHz		#VBW	/ 30 kHz*		ε		68.3 ms (0.00 MHz 1001 pts)	
	lent Spec	trum Analyzer - Sw	rept SA						<u>1</u> DC Cou	*	
()()	RL	RF 50 G Freq 13.015		NO East -	Trig: Free #Atten: 40	Run	Avg Type: Avg Hold:	ALIGN OFF RMS 5/100	03:50:12 PM TRAC TYP	IDec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10	dB/div	Ref Offset 7. Ref 30.00	98 dB	Gain:Low	#Atten: 40	- an			(r2 25.7	40 GHz 66 dBm	Auto Tune
	dB/div	Kei 30.00									Center Freq
20											13.015000000 GHz
0.		¢1									Start Freq 30.000000 MHz
-10	0.0										Stop Freq
-20	0.0									-25.00 (26.00000000 GHz
-30							are a	معمديم	and a construction	and the state	CF Step 2.597000000 GHz Auto Man
-40	and the second	and the second	and the state of the	and a start of the	and the second second	an an a share an	·				Freq Offset
-50											0 Hz
		Dati-							01		
St #F		MHZ V 1.0 MHZ		#VBW	/ 3.0 MHz	*	٤	Sweep 64		6.00 GHz 1001 pts)	
111.04									1		

CSE Test G	raph(s) (Channel B	andwidth:15 MHz	LCH QPSK		
Agilent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN OFF	1:28 PMDec 22, 2018		
Center Freq 79.500 kHz	PNO: Wide Trig: Free Run IFGain:Low #Atten: 28 dB	Avg Type: RMS Avg Hold: 10/100	TRACE 1 2 3 4 5 6	Auto Tune	
10 dB/div Ref 8.58 dB Log		Mkr1 -5	10.974 kHz 6.605 dBm		
-1.42			c	Center Freq 79.500 kHz	
-11.4				Start Freq	
-21.4				9.000 kHz	
-31.4				Stop Freq 150.000 kHz	
-51.4			-55.00 dBm	CF Step 14.100 kHz	
-61.4 My mar throng with the second	want of manager of the second		Auto	Man Freq Offset	
-71.4	too and a share and a share with a share	many how way the	MMW Mr. Mr.	0 Hz	
Start 9.00 kHz			p 150.00 kHz		
#Res BW 1.0 kHz	#VBW 3.0 kHz*	Sweep 174.0	ns (1001 pts)		
Agilent Spectrum Analyzer - Swept SA W RL RF S0 9 ▲ DC Center Freq 15.075000 Mł	SENSE:INT	ALIGN OFF 03:50 Avg Type: RMS Avg Hold: 9/100	1:34 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE M WWWWWW	equency	
	PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 10 dB		DETAAAAAA	Auto Tune	
10 dB/div Ref 0ffset 8.58 dB Log		-6	9.813 dBm		
-1.42			15	Center Freq .075000 MHz	
-11.4				Start Freq 150.000 kHz	
-31.4				Stop Freq	
-41.4			-45.00 dBm	.000000 MHz	
-61.4			Auto 2	CF Step .985000 MHz Man	
-71.4 h			F	Freq Offset 0 Hz	
-81.4 Wall from hugo of some and the manual	How the water out and the and the second of		hither and a starting of		
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep 368.3	D 30.00 MHZ		
 MSG Agilent Spectrum Analyzer - Swept SA		STATUS 🔔 DC			
Center Freq 13.01500000	PNO: East +++ Irig: Free Run	▲ ALIGN OFF 03:50 Avg Type: RMS Avg Hold: 5/100	1:37 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	equency	
Ref Offset 7.98 dB 10 dB/div Ref 30.00 dBm	IFGain:Low #Atten: 40 dB	Mkr2 2 -3	25.688 GHz 0.566 dBm	Auto Tune	
10 dB/div Ref 30.00 dBm				Center Freq 5000000 GHz	
10.0				Start Freq	
0.00			30	0.000000 MHz	
-10.0			26.000	Stop Freq 0000000 GHz	
-20.0			-25.00 0	CF Step	
-40.0	man and a second and	man man man	Auto	7000000 GHz Man	
-50.0			'	Freq Offset 0 Hz	
-60.0					
Start 30 MHz		St	op 26.00 GHz ns (1001 pts)		

CSE Test Graph(s) (Cha	nnel Bandwidth:15 MHz)_MCH_C	PSK
Aglent Spectrum Analyzer,-Swept SA A RL 85 S0 α Δ DC Center Freq 79.500 kHz	SENSE-INT ALIGN OF 03-51-10 PM Dec 22, 2018	
PNO: Wide → Ing F IFGain:Low #Atter Ref Offset 8,58 dB	Avg Type: RMS TYPE (23.3.4.5 ree Run Avg Hold: 10/100 TYPE (13.3.4.5.7 :22 dB Mkr1 9.000 kHz -62.704 dBm	Auto Tune
10 dB/div Ref 8.58 dBm		Center Freq 79.500 kHz
-11.4		Start Freq
-21.4		9.000 kHz Stop Freq
-41.4		150.000 kHz
-61.4 -61.4	-55.00 dBm	CF Step 14.100 kHz <u>Auto</u> Man
-71.4 MARAMANANA MANANANA	unahumun antiter and an antiter and a second a	Freq Offset 0 Hz
-81.4	and and the second s	
#Res BW 1.0 kHz #VBW 3.0 kH	Iz* Sweep 174.0 ms (1001 pts) STATUS A DC Coupled	
Aglent Spectrum Analyzer, Swept SA Ø RL RF S0 a b C Center Freq 15.075000 MHz PN0: Fast →→ Trig: 1 IFGain:Low #Atter	SENSE:INT ALIGN OFF 03:51:15 FMDec 22, 2018 Avg Type: RMS TRACE [1 2 3 4 5 6 ree Run Avg[Hold: 9/100 TYPE [MWWWWW 10 dB OET A A A A A	Frequency
10 dB/div Ref 8.58 dB 10 dB/div Ref 8.58 dBm	Mkr1 5.493 MHz -69.845 dBm	
-1.42		Center Freq 15.075000 MHz
-11.4		Start Freq 150.000 kHz
-31.4		Stop Freq 30.000000 MHz
-61.4		CF Step 2.985000 MHz <u>Auto</u> Man
-61.4		Freq Offset
-81.4 WMM		
Start 150 kHz #Res BW 10 kHz #VBW 30 kH	Stop 30.00 MHz	
 Agilent Spectrum Analyzer - Swept SA OW RL RF Solg AC Center Freq 13.015000000 GHz	SENSE:INT db allow OFF 03:51:19 PMDec 22,2018 Avg Type: RMS TRACE [] 2.3.4.5 f F ree Run Avg[Hold: 5/100 TVPE NWWWW 60 dB DET [A & A & A & A	Frequency
PNO: Fast Trig: IFGain:Low #Atter 10 dB/div Ref 30.00 dBm	ree Run AvgiHóid:5/100 ™™ElÄvävävävä :40 dB Mkr2 25.688 GHz -30.505 dBm	Auto Tune
20.0		Center Freq 13.015000000 GHz
10.0		Start Freq 30.000000 MHz
-10.0		Stop Freq 26.00000000 GHz
-20.0	-25.00 e ^r	26.00000000 GHz
-40.0	and the second s	Auto Man Freq Offset
-60.0		0 Hz
Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 M	Stop 26.00 GHz Hz* Sweep 64.93 ms (1001 pts)	
MSG	STATUS	

	CSE Test Gr	aph(s) (Channel B	andwidth:15 M	Hz) HCH Q	PSK	
LX/ RL	rum Analyzer - Swept SA RF 50 Q A DC	SENSE-INT		03:51:49 PM Der 22, 2018		
Center F	req 79.500 kHz	PNO: Wide Trig: Free Run IFGain:Low #Atten: 10 dB	Avg Type: RMS Avg Hold: 10/100	TYPE MUMUUMU DET A A A A A A	Frequency	
10 dB/div	Ref Offset 8.58 dB Ref 8.58 dBm		м	kr1 72.309 kHz -65.232 dBm	Auto Tune	
-1.42					Center Freq 79.500 kHz	
-11.4					Start Freq	
-21.4					9.000 kHz	
-31,4					Stop Freq 150.000 kHz	
-61.4				-55.00 dBm	CF Step 14.100 kHz	
-61.4		↑ 1			<u>Auto</u> Man	
-71.4 M.M.	ad the second of the second second	many ward ward ward	WWWWWWWWWWWWW	weiner and the stand of the second standing o	Freq Offset 0 Hz	
Start 9.00 #Res BW	1.0 kHz	#VBW 3.0 kHz*		Stop 150.00 kHz 74.0 ms (1001 pts)		
MSG Agilent Spect	rum Analyzer - Swept SA			LC Coupled		
IXI RL	req 15.075000 MH:		Aution OFF Avg Type: RMS Avg Hold: 9/100	03:51:55 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET A A A A A A	Frequency	
10 dB/div	Ref Offset 8.58 dB Ref 8.58 dBm	FGain:Low #Atten: 10 dB		Mkr1 837 kHz -62.427 dBm	Auto Tune	
-1.42					Center Freq	
-1.42					15.075000 MHz	
-21.4					Start Freq 150.000 kHz	
-31.4					Stop Freq	
-41.4				-45.00 dBm	30.000000 MHz	
-51.4					CF Step 2.985000 MHz	
-61.4	Paper and the second states and the second s	- และสาวเหลี่กำรุนสีรีการส่งกำระที่สารแปรกำระบัสถารูปสรารุนสสาร			<u>Auto</u> Man	
		and all an a shall a rate drain all and a shall	and a start of the second s	TTB	Freq Offset 0 Hz	
-81.4						
Start 150 #Res BW	kHz 10 kHz	#VBW 30 kHz*		Stop 30.00 MHz 68.3 ms (1001 pts)		
MSG	rum Analyzar - Sugar SA		STATUS	L DC Coupled		
LX/ RL	rum Analyzer - Swept SA RF 50 Ω AC req 13.015000000	GHz PN0: Fast +++ Trig: Free Run	Avg Type: RMS Avg Hold: 5/100	03:51:58 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency	
	Ref Offset 7.98 dB	PNO: Fast Thg: Free Run IFGain:Low #Atten: 40 dB		r2 26.000 GHz	Auto Tune	
10 dB/div Log	Ref 30.00 dBm			-30.655 dBm	Contor Fron	
20.0					Center Freq 13.015000000 GHz	
10.0	¢1				Start Freq	
0.00					30.00000 MHz	
-10.0					Stop Freq 26.00000000 GHz	
-20.0				-25.00 ď^ 2	CF Step 2.59700000 GHz	
-30.0	we when a second	and an and a second and a second	man have man	many and the way	2.597000000 GHz <u>Auto</u> Man	
-50.0	*** **********************************		_		Freq Offset 0 Hz	
-60.0						
Start 30 P	ИНZ	#VBW 3.0 MHz*		Stop 26.00 GHz 4.93 ms (1001 pts)		
#Res BW						

	CSF Test G	araph(s) (Channel Ba	ndwidth:15 MHz	ICH 160AM	Λ	
Ag	ilent Spectrum Analyzer - Swept SA			10.40 PM Pm 22, 2210		
C	enter Freq 79.500 kHz	PNO: Wide Trig: Free Run IFGain:Low #Atten: 22 dB	Avg Type: RMS Avg Hold: 9/100	TRACE 1 2 3 4 5 6 Fre	equency	
15	dB/div Ref 0ffset 8.58 dB		Mkr1 -6	10.551 kHz 51.351 dBm	Auto Tune	
-1	.42			c	Center Freq 79.500 kHz	
4	1.4				Start Freq 9.000 kHz	
	11.4				Stop Freq	
	1.4				150.000 kHz CF Step	
-6	1.4			-55.00 dBm	14.100 kHz Man	
-7	1.4 WWWWWWWWWWWWWWWWWWWWWWWWWWW	mm mulader bough when			Freq Offset 0 Hz	
-8	tart 9.00 kHz	mar an C	White Marth Martin and Marth and Mar	1 1 1 1		
ST #F	Res BW 1.0 kHz	#VBW 3.0 kHz*	Steep 174.0 Sweep 174.0			
	ilent Spectrum Analyzer - Swept SA RL RF 50 Ω ▲ DC enter Freq 15.075000 M		ALIGN OFF 03: Avg Type: RMS Avg Hold: 9/100	0:54 PMDec 22, 2018 TRACE 1 2 3 4 5 6	equency	
	Ref Offset 8.58 dB	PNO: Fast Trig: Free Run IFGain:Low #Atten: 10 dB	Mkr1		Auto Tune	
	dB/div Ref 8.58 dBm				Center Freq	
	1.4				.075000 MHz Start Freg	
-2					150.000 kHz	
-3					Stop Freq .000000 MHz	
-6					CF Step .985000 MHz Man	
-6		♦ ¹		F	Freq Offset 0 Hz	
-8	1.4 Harrington Augurer marter and	and an instantion with a property of	ยาสู่ปล/พระเพลงเกาะใจอง/การได้	warmer when we ware with		
S1 ##	Res BW 10 kHz	#VBW 30 kHz*	Status 1 D	ms (1001 pts)		
Ag	jilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC	SENSE:INT				
	enter Freq 13.0150000	PNO: Fast +++ IFGain:Low #Atten: 40 dB				
15	O dB/div Ref Offset 7.98 dB		Mkr2 -:	30.807 dBm	Auto Tune	
	0.0			C 13.015	Senter Freq 5000000 GHz	
	0.0				Start Freq .000000 MHz	
- 17	0.0			26.000	Stop Freq D000000 GHz	
	0.0			-25.00 dBm	CF Step	
	0.0 personal and the second second	manter and	and and the second and the second second	Auto	7000000 GHz Man	
	0.0				Freq Offset 0 Hz	
s	tart 30 MHz		Si Sweep 64.93	op 26.00 GHz		
	Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 64.93	ms (1001 pts)		

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	CSF	Test Gra	aph(s) (C	Channel	Bandwidth	:15 MF	lz) MC	H 16	QAM	
Agil	ant Spectrum Analy									
<mark>ии</mark> Се	nter Freq 79	0.500 kHz	PNO: Wide ++	SENSE:II	Avg Typ n Avg Hold	ALIGN OFF : RMS : 9/100	03:51:31 PMDe TRACE 1 TYPE N	22,2018 2 3 4 5 6 4 4 4 4 4 4	Frequency	
19.	RefO B/div RefS	ffset 8.58 dB 3.58 dBm	IFGain:Low	#Atten: 22 dB			kr1 12.66 -64.488	6 kHz	Auto Tune	
-1.4									Center Freq 79.500 kHz	
-11.									Start Freq 9.000 kHz	
-31.									Stop Freq 150.000 kHz	
-61.								-55.00 dBm	CF Step 14.100 kHz Auto Man	
-61. -71.									Freq Offset	
-81.	4	WWWWWWWW	Morningh	ham when	of the state of th	Norwhy	www.	w.Mw.M	0 Hz	
	urt 9.00 kHz es BW 1.0 kH			3.0 kHz*		Sweep 17	Stop 150. 4.0 ms (10	001 pts)		
	nt Spectrum Analy RL RF nter Freq 15	50 Q 🔥 DC	z	SENSE:II	Avg Typ n Avg Hold		03:51:36 PM De TRACE 1 TYPE N		Frequency	
	Ref 0	ffset 8.58 dB 3.58 dBm	PNO: Fast IFGain:Low	Trig: Free Ru #Atten: 10 dB	n Avg Hold		кг1 7.792 -70.471	2 MHz	Auto Tune	
10; -1.4		s.ət dBm					-/0.4/1		Center Freq 15.075000 MHz	
-11.									Start Freq 150.000 kHz	
-31.			_						Stop Freq 30.000000 MHz	
-41. -61.	4							-45.00 dBm	CF Step 2.985000 MHz Auto Man	
-61. -71.		•	1						Freq Offset 0 Hz	
-81.	4 Januard and manage	porter and the second of the second sec	Mananapanya	Muchanipapin	ญาส์มีกันไหน่งกันใจจานี้เป็นกัน หรือกัน	guardilum	444\$64\$\$2154 ^{\$} +44=49474	an-to-an-ana		
Sta #R	urt 150 kHz es BW 10 kHz			30 kHz*		Sweep 36	Stop 30.0 8.3 ms (10 1 DC Couple	01 pts)		
(X)	nt Spectrum Analy RL RF nter Freq 13	50 Q AC	GHz	SENSE:II	Avg Typ	ALIGN OFF : RMS : 6/100	03:51:40 PMDe TRACE 1 TYPE N	ac 22,2018 ↓ 2 3 4 5 6	Frequency	
10	B/div Ref C	ffset 7.98 dB 30.00 dBm	PNO: Fast	#Atten: 40 dB	Avgidoid		r2 25.66: -30.710	2 GHz	Auto Tune	
20.									Center Freq 13.01500000 GHz	
10.	1								Start Freq 30.000000 MHz	
-10.									Stop Freq 26.00000000 GHz	
-20.							שינ איז	-25.00	CF Step 2.59700000 GHz	
-40. -50.		- town or a way way	and the second sec	when and the strength of the	Same and a second second second	a porta a constant			Auto Man Freq Offset	
-60.									0 Hz	
Sta #R	urt 30 MHz es BW 1.0 MI		#VBW	3.0 MHz*		Sweep 64	Stop 26.0 .93 ms (10	00 GHz 001 pts)		

	C	SE Tes	t Gran	h(s) ((hann	el Ban	dwidth	·15 MF	47) H(CH 16	ΩΔΜ	
Agitos	nt Spectrum	Analyzer - Swe		11(3) (C								
		q 79.500	P1	IO: Wide 🔸	Trig: Free #Atten: 10	Run	Avg Type: Avg Hold:	RMS 10/100	TRACE TYPE DE	Dec 22, 2018	Frequency	
10 d Log	B/div I	Ref Offset 8.6 Ref 8.58 di		Sam.Low				м	kr1 13.2	230 kHz 19 dBm	Auto Tune	
-1.42											Center Freq 79.500 kHz	
-11.4 -21.4											Start Freq 9.000 kHz	
-31.4 -41.4											Stop Freq 150.000 kHz	
-61.4										-55.00 dBm	CF Step 14.100 kHz Auto Man	
-71.4	nt the state	www.	hur what	Murralia	መርጉራት	hMMP HMA	phillipsopriary.	MAY WAY WW	WWW	(Juntonary	Freq Offset 0 Hz	
-81.4 Stai	t 9.00 k	Hz							Stop 15	0.00 kHz		
MSG	s BW 1.			#VBW	3.0 kHz*			Sweep 17	7 4.0 ms (1 <u>1</u> DC Cou			
LX/ R	L	Analyzer - Swe RF 50 Ω q 15.0750	<u>∧</u>	NO: East at	1	Bun	Avg Type: Avg Hold:	ALIGN OFF RMS 9/100	03:52:11 PM TRACE TYP	Dec 22, 2018 1 2 3 4 5 6 MWWWWW T A A A A A A	Frequency	
10,4	B/div I	Ref Offset 8.5 Ref 8.58 dB		NO:Fast ↔► Sain:Low	#Atten: 10				Mkr1 9	926 kHz 01 dBm	Auto Tune	
-1.42											Center Freq 15.075000 MHz	
-11.4 -21.4											Start Freq 150.000 kHz	
-31.4										-45.00 dBm	Stop Freq 30.000000 MHz	
-61,4	● ¹										CF Step 2.985000 MHz <u>Auto</u> Man	
-71.4	างสุโจแหล่งหงุ	ura down holds who	to land a second	e-provincer-epri	แม่งาวแห่งจะมหาหม	หายี่เวลาไปได้หมู่ม	ኯኯጚኯኯኯ	ร,พระพุญเทียม เม	~ሒኮተሌ።ተ¶. ሓ ዋኪ	พระมูมศณะ	Freq Offset 0 Hz	
-81.4 Sta	t 150 kł	łz							Stop 30	0.00 MHz		
#Re ^{MSG}	s BW 10) kHz		#VBW	30 kHz*			Sweep 3	68.3 ms (1	1001 pts)		
LXI R	L	Analyzer - Swo RF 50 ฉ q 13.0150		Hz	SEN	SE:INT	Avg Type: Avg Hold:	ALIGN OFF	03:52:15 PM	Dec 22,2018	Frequency	
		Ref Offset 7.9 Ref 30.00 c	P) IFC	NO: Fast ↔ Sain:Low	Trig: Free #Atten: 40	dB	Avalueig:		r2 25 6	62 GHz 0 dBm	Auto Tune	
20.0											Center Freq 13.015000000 GHz	
10.0		↓ ¹									Start Freq 30.000000 MHz	
-10.0											Stop Freq 26.000000000 GHz	
-30.0		ham	n-math		م ^ر ور م		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		*****	-25.00 dBm	CF Step 2.597000000 GHz <u>Auto</u> Man	
-40.0 -50.0	al and a second	- Wanter Constant		are the second sec	**************************************						Freq Offset 0 Hz	
-60.0 Sta	t 30 MH	z							Stop 26	5.00 GHz		
#Re MSG	t 30 MH s BW 1.	0 MHz		#VBW	3.0 MHz'	v		Sweep 64	1.93 ms (1	5.00 GHz 1001 pts)		

	CSE Test Graph(s	s) (Channel Ban	dwidth:20 M	Hz) LCH OF	PSK	
Agilent Spe 130 RL	ctrum Analyzer - Swept SA	SENSE-INT	ALIGN OFF	03:52:28 PMDec 22, 2018		
	Freq 79.500 kHz PNO: Wide IFGain:Low	Trig: Free Run #Atten: 22 dB	Avg Type: RMS Avg Hold: 9/100	12 3 4 5 6 TYPE MWAWWW DET A A A A A A	Frequency	
10 dB/div	D-COM LO CO - ID		N	/kr1 9.000 kHz -60.424 dBm	Auto Tune	
-1.42					Center Freq 79.500 kHz	
-11.4					Start Freq 9.000 kHz	
-31.4					Stop Freq 150.000 kHz	
-61.4				-55.00 dBm	CF Step 14.100 kHz	
-61.4	Ann An				Auto Man Freq Offset	
-71.4	where we	www.www.www.	HAR-WURNNEWAL/M	wwwwwwwww	0 Hz	
Start 9.0	UU KHZ	′BW 3.0 kHz*	Sweep 17	74.0 ms (1001 pts)		
MSG Anilent Spe	ctrum Analyzar, Sweet SA		STATUS	L Coupled		
DU BL	Ctrum Analyzer - Swept SA	SENSE:INT	ALIGN OFF Avg Type: RMS Avg Hold: 9/100	03:52:34 PM Dec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency	
10 dB(div	PNO: Fast IFGain:Low Ref Offset 8.58 dB Ref 8.58 dBm	Atten: 10 dB	Avginald: 9/100	Mkr1 478 kHz -71.780 dBm	Auto Tune	
10gB/div -1.42					Center Freq 15.075000 MHz	
-11.4					Start Freq	
-21.4					150.000 kHz Stop Freg	
-41.4				-45.00 dBm	30.000000 MHz	
-51.4					CF Step 2.985000 MHz Auto Man	
-71.4	A 1				Freq Offset 0 Hz	
-81.4 Hita	N. Talyophantanessi watar	are the direction with the appropriate the provided by	the wind the film of the state of the	more the strenge water the steel		
	0 kHz	'BW 30 kHz*	Sweep 36	Stop 30.00 MHz 38.3 ms (1001 pts)		
MSG Agilent Spe	ctrum Analyzer - Swept SA			LC Coupled		
LXI RL	RF 50 Ω AC	SENSE:INT	Avg Type: RMS Avg Hold: 5/100	03:52:37 PMDec 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency	
<u> 10 gB/div</u>	PNO: Fast IFGain:Low Ref Offset 7.98 dB Ref 30.00 dBm	#Atten: 40 dB		r2 25.766 GHz -30.828 dBm	Auto Tune	
20.0					Center Freq 13.015000000 GHz	
10.0	1				Start Freq 30.000000 MHz	
-10.0					Stop Freq	
-20.0				-25.00 d ^{Ean}	26.00000000 GHz	
-30.0 -40.0	- and the second and	mater and		man and the state	2.597000000 GHz <u>Auto</u> Man	
-50.0					Freq Offset 0 Hz	
-60.0	MHz			Stop 26.00 GHz		
Start 30 #Res BV	WHZ W 1.0 MHz #V	BW 3.0 MHz*	Sweep 64	1.93 ms (1001 pts)		

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	CSE Tes	st Graph(s) (Channe	el Ban	dwidth	:20 M	Hz) M	O HOI	PSK	
Agilent 5	Spectrum Analyzer - Swe									
Cente	er Freq 79.500 k	PNO: Wide ++	Trig: Free F	Run	Avg Type: Avg Hold:	RMS 10/100	03:53:12 PM TRACE	Dec 22, 2018 1 2 3 4 5 6 MMMMMMM T A A A A A A	Frequency	
10 dB/. Log —	Ref Offset 8.5 div Ref 8.58 dB	IFGain:Low B dB Sm	#Atten: 28	dB		м	kr1 11.2		Auto Tune	
-1.42									Center Freq 79.500 kHz	
-11.4									Start Freq 9.000 kHz	
-31.4 —									Stop Freq 150.000 kHz	
-41.4 -51.4	1							-55.00 dBm	CF Step 14.100 kHz	
-61.4 📈 -71.4	Jan mar way may	My www.							Auto Man Freq Offset	
-81.4		hu hitara Au	WYW May portably	v wanga wanga	hun hu	Muymin	my my pr	hyther the W	0 Hz	
	9.00 kHz BW 1.0 kHz	#VBV	/ 3.0 kHz*		5		Stop 15 74.0 ms (1			
LXI RL	Spectrum Analyzer - Swe	NDC	SENS	E:INT	A		02-52-10 DM	Dec 22 2019		
Cente	er Freq 15.0750	OO MHz PNO: Fast ↔ IFGain:Low	Trig: Free F #Atten: 10	Run	Avg Type Avg Hold:	RMS 9/100	TRACE TYPE DE		Frequency	
10 dB/ Log —	Ref Offset 8.5 div Ref 8.58 dB					N	lkr1 2.4		Auto Tune	
-1.42									Center Freq 15.075000 MHz	
-11.4									Start Freq 150.000 kHz	
-31.4									Stop Freq 30.000000 MHz	
-41.4								-45.00 dBm	CF Step 2.985000 MHz Auto Man	
-61.4 -71.4	● ¹								FreqOffset	
-81.4	stuttle and wind	เห็นไข้หว่าสำรังจะสำกักการทำใจการป	algertragenerica		the survey of the	(Mali-antronomic		whenter	0 Hz	
Start #Res	150 kHz BW 10 kHz		/ 30 kHz*			weep 3	Stop 30 68.3 ms (1	0.00 MHz 1001 pts)		
MSG Acilent 5	Spectrum Analyzer - Swe	ot SA				STATUS	<u>4</u> DC Cou	pled		
(X/ RL	RF 50 Ω er Freq 13.0150		SENS	E:INT	Avg Type: Avg Hold:	ALIGN OFF RMS	03:53:21 PM	Dec 22, 2018 1 2 3 4 5 6 MWWWWWW T A A A A A A	Frequency	
	Ref Offset 7.9	PNO: Fast 🕶 IFGain:Low	#Atten: 40	dB	oväluoid:		r2 25.6 -30.78		Auto Tune	
10 gB/ 20.0									Center Freq 13.015000000 GHz	
10.0	1								Start Freq	
0.00									30.000000 MHz	
-20.0								-25.00 dBm	Stop Freq 26.000000000 GHz	
-30.0 -40.0		methoda	-	and a second second	and the second	ور و و و و و و و و و و و و و و و و و و	and the second se	- mark	CF Step 2.597000000 GHz <u>Auto</u> Man	
س -50.0 –	April Maker								Freq Offset 0 Hz	
-60.0	30 MHz						Stop 2	5.00 GHz		
Start #Res MSG	BW 1.0 MHz	#VBV	/ 3.0 MHz*		٤	weep 64	4.93 ms (1	1001 pts)		

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	CSE T	est Gra	ph(s) (Chanr	nel Bar	ndwidtl	า:20 M	IHz) H	ICH Q	PSK	
Agilent Spec	ctrum Analyzer - 1										
	Freq 79.50	xAcc D kHz P	NO: Wide 🕶 Gain:Low	Trig: Free	e Run	Avg Type Avg Hold:	ALIGN OFF : RMS 9/100	D3:53:50 PM TRAC TYP	E 1 2 3 4 5 6 E MMMMM T A A A A A A	Frequency	
10 dB/div	Ref Offset		Gain:Low	#Atten: 10	0 dB		r	Vikr1 9.2	282 kHz 27 dBm	Auto Tune	
-1.42										Center Freq 79.500 kHz	
-11.4										Start Freq 9.000 kHz	
-21.4										Stop Freq	
-41.4										150.000 kHz	
-61.4									-55.00 dBm	CF Step 14.100 kHz Auto Man	
-71.4	want of the	ለኩሌሥሌሌሎ	M.M.M.M.	Munuman	www.ww	why from a with	hmilaun	M-hp-hp-mak	Marin with	Freq Offset 0 Hz	
-81.4						•••					
	00 kHz N 1.0 kHz		#VBW	V 3.0 kHz*		:		74.0 ms (0.00 kHz 1001 pts)		
 MSG							STATUS	🔥 DC Cou	pled		
DX RL	RF 50 Freq 15.07	<u>∝∆</u> ∞ 5000 MHz	PNO: East ++	SE	NSE:INT	Avg Type Avg Hold:	ALIGN OFF	03:53:56 PM TRAC	1Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
	Ref Offset	1F 3.58 dB	PNO: Fast ↔ Gain:Low	#Atten: 10	0 dB	A Bluera:		Mkr1 8	896 kHz 67 dBm	Auto Tune	
10 dB/div Log	Ref 8.58	dBm						-04.30		Cepter Erco	
-1.42										Center Freq 15.075000 MHz	
-11.4										Start Freq 150.000 kHz	
-31.4										Stop Freq	
-41.4									-45.00 dBm	30.000000 MHz	
-51.4 -61.4 6 1	I									CF Step 2.985000 MHz <u>Auto</u> Man	
	120htHailynnadonnaigen	hairthafferfatheredarth	1	nghilikadalina di Panglin	hall and the state of the state	terine soletaritera	per-frampetine.bib	haller wert tage haaft	en letter fritter beter	Freq Offset 0 Hz	
-81.4											
	0 kHz N 10 kHz		#VBW	V 30 kHz*		:		68.3 ms (0.00 MHz 1001 pts)		
 MSG	ctrum Analyse	awant SA		_		_	STATUS	1 DC Cou	pled		
LXI RL	Freq 13.01		GHz			Avg Type Avg Hold:	ALIGN OFF	03:53:59 PM TRAC	1Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
10 28/21	Ref Offset Ref 30.00	7.98 dB	NO: Fast ↔ Gain:Low	#Atten: 40	0 dB	A Bluera:		kr2 25.6	62 GHz 76 dBm	Auto Tune	
10 dB/div 20.0	Ref 30.00							50.01		Center Freq	
10.0	. 1									13.015000000 GHz	
0.00										Start Freq 30.000000 MHz	
-10.0										Stop Freq 26.00000000 GHz	
-20.0									-25.00 cm-	CF Step 2.597000000 GHz	
-40.0 meter	And the second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	مهمور المستريف ا	and the survey of the		La mara na hanna		and you the	<u>Auto</u> Man	
-50.0										Freq Offset 0 Hz	
-60.0 Start 30	MHZ							Stop 2	6.00 GHz		

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			t Cron	h(a) ((honn	ol Pop	dwidth			1		
Apt		CSE Tes		m(s) (0	Jhanne	er Ban	awiath	.20 1/1	12)_L(
	RL	RF 50 Ω req 79.500	A⊡⊂ kHz PN	IO: Wide 🚥	SEN	Run	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	03:52:49 PM TRACE TYPE	E 1 2 3 4 5 6 MWWWWW T A A A A A A	Frequency	
18	dB/div	Ref Offset 8.5 Ref 8.58 de	IFG	Sain:Low	#Atten: 22	dB		м	kr1 10.2	269 kHz 44 dBm	Auto Tune	
-1.4											Center Freq 79.500 kHz	
-11 -21											Start Freq 9.000 kHz	
-31											Stop Freq 150.000 kHz	
-61	. 1									-55.00 dBm	CF Step 14.100 kHz Auto Man	
-71	.₄ ^M YvVµ	Man Mulan Maryan	Ymrwrwrwr	MANHAN	hand Ann a						Freq Offset 0 Hz	
-81 St						11/14/Work				0.00 kHz		
мва		1.0 kHz		#VBW	3.0 kHz*			Sweep 17	7 4.0 ms (1			
00	RL	um Analyzer - Swo RF 50 ຊ req 15.0750		NO: Fast	1	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	03:52:54 PM TRACE TYPE	Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
12	dB/div	Ref Offset 8.5 Ref 8.58 di		NO: Fast 🔸	#Atten: 10	dB			Mkr1 4	78 kHz 10 dBm	Auto Tune	
-1,	12										Center Freq 15.075000 MHz	
-11 -21											Start Freq 150.000 kHz	
-31										-45.00 dBm	Stop Freq 30.000000 MHz	
-61											CF Step 2.985000 MHz <u>Auto</u> Man	
-71	И.,										Freq Offset 0 Hz	
-81 St	art 150	kHz	har-lak-ranktaller			Winsthalliansa			Stop 30	0.00 MHz		
#В	es BW	10 kHz		#VBW	30 kHz*			Sweep 36 STATUS	38.3 ms (1	1001 pts)		
LXI	RL	um Analyzer - Swo RF 50 ລ req 13.0150		Hz	SEN	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS	03:52:58 PM TRACE	1Dec 22, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
10	dB/div 9	Ref Offset 7.9 Ref 30.00 c		NO: Fast 🔸	#Atten: 40	dB	-vygrioid:		r2 25.6	88 GHz 21 dBm	Auto Tune	
20											Center Freq 13.015000000 GHz	
10		1									Start Freq 30.000000 MHz	
-10											Stop Freq 26.00000000 GHz	
-30		- Marie	n			chester and and a second	and the second second		Jage Ladon and Ladon and	-25.00 em	CF Step 2.597000000 GHz <u>Auto</u> Man	
-50	.0	And the second			-president -						Freq Offset 0 Hz	
-60 St		ЛНZ							Stop 26	6.00 GHz		
#R		/Hz 1.0 MHz		#VBW	3.0 MHz*		5	Sweep 64	l.93 ms (1	1001 pts)		

	С	SE Tes	t Grap	h(s) ((Channe	el Ban	dwidth	:20 MI	Hz) M(CH 16	MAQ	
Aglic	nt Spectrum	Analyzer - Swe		(0) (0								
Cei		q 79.500 k	ND⊂ KHZ PN	O:Wide ↔►	SEN	Run	Avg Type Avg Hold:	ALIGN OFF : RMS 9/100	03:53:33 PM TRACE TYPE	Dec 22, 2018	Frequency	
10 0	B/div F	Ref Offset 8.5 Ref 8.58 dE		O: Wide 🔸	#Atten: 22	dB			Vikr1 9.0		Auto Tune	
-1.42											Center Freq 79.500 kHz	
-11.4											Start Freq 9.000 kHz	
-21.4											Stop Freq	
-41.											150.000 kHz	
-61.4 -61.4	1									-55.00 dBm	14.100 kHz Auto Man	
-71.4	Withurin	MANNA ANA	h	Annum.	anten A.L.	ha alt ut		. t. No.			Freq Offset 0 Hz	
-81.4 Sta	rt 9.00 k	Hz		neriy	i ∝at ∬AA ¥bAh	vy w.	aya Junyay	p.May My Ul	₩₩₩₩ Stop 15	ММ/М/ 0.00 кнz		
	s BW 1.			#VBW	3.0 kHz*				74.0 ms (1	1001 pts)		
LXI F	L	Analyzer - Swe RF 50 Ω 4 q 15.0750	Nc 00 MHz	IO: Fast ↔	SEN	Bun	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	03:53:38 PM TRACE TYPE DET	Dec 22, 2018	Frequency	
10 4	B/div F	Ref Offset 8.5 Ref 8.58 dE	IFG	lO: Fast ↔ ain:Low	#Atten: 10	dB			Mkr1 4	78 kHz 6 dBm	Auto Tune	
Lõĝ -1.42											Center Freq 15.075000 MHz	
-11.4											Start Freq	
-21											Stop Freq	
-41.4										-45.00 dBm	30.000000 MHz	
-61.4 -61.4											CF Step 2.985000 MHz <u>Auto</u> Man	
-71.4	l A.M					1					Freq Offset 0 Hz	
-81.4	150 KH	ไขให้สารหมู่ในชมุโปรง ปาร	hankhari haliyy	unantrahatanta	Nthermonth	why. how	ernanteretereteret	history and	HANNYA MANNYA	11144444		
STA #Re MSG	s BW 10				30 kHz*			Sweep 3	68.3 ms (1	1001 pts)		
LXI F	L	Analyzer - Swe RF 50 Ω q 13.0150	AC 00000 G	Hz		ISE:INT	Avg Type	ALIGN OFF	03:53:42 PM TRACE	Dec 22, 2018	Frequency	
	F	Ref Offset 7.9	PN IFG 8 dB	0: Fast ++ ain:Low	Trig: Free #Atten: 40	Run I dB	Avg Hold:	6/100	kr2 25.6 ⁻	10 GHz	Auto Tune	
10g 20.0	B/div F	Ref 30.00 d	вm						-30.90		Center Freq 13.015000000 GHz	
10.0		1									Start Freq	
0.0		Ĭ									30.000000 MHz	
-20.0										-25.00 dBm	26.00000000 GHz	
-30.0				يتحقي وروي والمحاد		معرفهما والمعادية	m	and and all all and a second for	and the second sec	m hand a	CF Step 2.597000000 GHz <u>Auto</u> Man	
-50.0	Harrison and the second of the										Freq Offset 0 Hz	
-60.0 Sta	rt 30 MH	2							Stop 26	5.00 GHz		
STA #Re MSG	s BW 1.	0 MHz		#VBW	3.0 MHz*	×		Sweep 6	4.93 ms (1	1001 pts)		

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	CSF T	est Graph(s) (Channel	Bandwidth		Iz) HCI	- 16	QAM	
Agilo	nt Spectrum Analyzer -			Banawiati	1.20 1011				
Cer	nter Freq 79.50	PNO: WI	de Trig: Free R	Avg Type un Avg Hold:	9/100	D3:54:07 PMDe TRACE 1 TYPE M DET A	22,2018 23456 44444	Frequency	
10 d	Ref Offset B/div Ref 8.58	IFGain:L 8.58 dB dBm	#Atten: 10 dl	B	м	kr1 28.88 -68.089	1 kHz	Auto Tune	
-1.42								Center Freq 79.500 kHz	
-11.4 -21.4								Start Freq 9.000 kHz	
-31.4								Stop Freq 150.000 kHz	
-41.4 -51.4							-55.00 dBm	CF Step 14.100 kHz	
-61.4	♦ ¹		44					Auto Man Freq Offset	
-71.4 -81.4	Journ Way May	and realized	WAR WAR WAR	www.www.	hhrwlyhhr	willingenter	hvrn	0 Hz	
Sta #Re	rt 9.00 kHz is BW 1.0 kHz	#	VBW 3.0 kHz*			Stop 150.0 4.0 ms (10	01 pts)		
MSG	nt Spectrum Analysis	Sweet SA			STATUS	L DC Couple	d		
IXI B	nt Spectrum Analyzer - L RF 5 nter Freq 15.07	^{⊙ Ω} ▲ ▷⊂ 5000 MHz	SENSE:	Avg Type	ALIGN OFF	03:54:12 PMDe TRACE 1	22,2018	Frequency	
	Ref Offset B/div Ref 8.58	PNO: Fa IFGain:L	st Trig: Free Ri bw #Atten: 10 df	un Avg Hold: B	9/100	Mkr1 95 -62.663	23456 AAAAA 6 kHz dBm	Auto Tune	
-1.42								Center Freq 15.075000 MHz	
-11.4 -21.4								Start Freq 150.000 kHz	
-31.4								Stop Freq 30.000000 MHz	
-41.4							-45.00 dBm	CF Step 2.985000 MHz	
-61.4	And the second s		M. M. M. Male al Marshillow and M.	. AN LAN MALAIA ATLA	N.A.A. LALINI.	la a hearlean ba		Auto Man Freq Offset	
-71.4				1. 11.1 14.1 14.1 14.1 14.1.1.	art trasporter		a under eta	0 Hz	
#Re	rt 150 kHz is BW 10 kHz	#	VBW 30 kHz*			Stop 30.0 8.3 ms (10	01 pts)		
MSG	nt Spectrum Analysis	Sweet SA			STATUS	L DC Couple	d		
(,X/ P	nt Spectrum Analyzer - L RF 5 nter Freq 13.01	5000000 GHz	SENSE:	INT Avg Type un Avg Hold:	ALIGN OFF	03:54:15 PMDe TRACE 1	22,2018	Frequency	
	Ref Offset B/div Ref 30.0	PNO: Fa IFGain:L 7.98 dB	st Trig: Free Ri #Atten: 40 df	un Avg Hold: B		r2 25.818 -30.870	GHz dBm	Auto Tune	
20.0								Center Freq 13.015000000 GHz	
10.0	1							Start Freq 30.000000 MHz	
-10.0								Stop Freq 26.00000000 GHz	
-20.0							-25.00 dBm	26.00000000 GHz CF Step 2.59700000 GHz	
-40.0	and the second s	la de la contraction	and a second second second	marrow and a second second	maran	and a second	way t	Auto Man Freq Offset	
-60.0								0 Hz	
Sta #Re	rt 30 MHz Is BW 1.0 MHz	#	VBW 3.0 MHz*		Sweep 64	Stop 26.0 .93 ms (10	0 GHz 01 pts)		
MSG					STATUS				