Report No.: LCS181219033AEG

		С	SE Te	est Gr	aph(s)	Chanr	nel Bar	ndwidt	h: 3 M	Hz)_M	CH_Q	PSK
U U	RL	ectrum A R	RF 50 s			SEM	ISE:INT	4	ALIGN OFF	06:11:01 PM	1Dec 25, 2018	English
Ce	nter	Freq	79.500	kHz	PNO: Wide 🕶	Trig: Free	Run	Avg Type Avg Hold:	: RMS 10/100	TRACI TYP DE	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 s	dB/div	v Re	of Offset 1 of 10.58		IFGain:Low	#Atten: 22	. ab		м	kr1 14.3		Auto Tune
0.58												Center Freq 79.500 kHz
-9.4												79.500 KHZ
-19,-												Start Freq 9.000 kHz
-29.	4											Stop Freq 150.000 kHz
-39.	-										-43.00 dBm	CF Step
-69		∮ ¹										14.100 kHz <u>Auto</u> Man
-69.	4	Law M	hunny my v	ዀ	MANNA							Freq Offset 0 Hz
-79.4	4			1.1.1.1.	* 41 6- 7-84	Ka Manunanan Ka Manunanan	lland have the	MANAN	WHANYAY	Munananan	mondfluerth	
Sta #Ro	urt9. esB	.00 kH W 1.0	z kHz		#VBV	3.0 kHz*			Sweep 1	Stop 15 74.0 ms (DC Cou		
Agilo	ent Spo	ectrum A	nalyzer - Sv	vept SA								
Cei		· Freq	15.075	2 <u>A</u> ⊳⊂ 000 MH:	PNO: Fast	SEN	Run	Avg Type Avg Hold:	ALIGN OFF : RMS 9/100	06:11:07 PM TRACI TYP	1Dec 25, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 5	dB/div	v Re	offset 1 offset 10.58		IFGain:Low	#Atten: 10	a B			Mkr1 4	149 kHz 37 dBm	Auto Tune
0.68												Center Freq 15.075000 MHz
-9.4	2											Start Freq
-19.	4											150.000 kHz
-29.											-33.00 dBm	Stop Freq 30.000000 MHz
-39.												CF Step
-69.												2.985000 MHz <u>Auto</u> Man
-69.		david.										Freq Offset 0 Hz
-79.	4	- 1	halesa fingeral	hannan	municum	han den maan de la de	manandindi	mundrationary	hinterstations	heamstrank	enter onto performante	
#R	urt 10 es B	50 kHz W 10 I	z kHz		#VBV	/ 30 kHz*				68.3 ms (*		
MSG Apile	ent Spe	ectrum A	nalyzer - Sv	vept SA					STATUS	1 DC Cou	pled	
LXI I	RL	R	RF 50 9	2 AC	GHz		Bun	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	05:11:11 PM TRACI TYP	1Dec 25, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
		Re	off offset 9 off 30.00		PNO: Fast	#Atten: 40	dB			kr2 25.6		Auto Tune
		v Re	a 30.00									Center Freq
20.		_1										13.015000000 GHz
10.		Ť										Start Freq 30.000000 MHz
-10.0	o										-13.00 dDm	Stop Freq
-20.0	0										2	26.00000000 GHz
-30.0			mu			and the second second		and the second second	- And - mark	and and a second	Ma North	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.0	·~~·	and a feat	~~~									Freq Offset
-60.1												0 Hz
Sta	urt 30	0 MHz W 1.0	MIL-			3.0 MHz			BWOCT C	Stop 20 4.93 ms (*	6.00 GHz	

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Report No.: LCS181219033AEG

		С	SE Te	est Gra	ph(s) (Chanr	nel Bar	ndwidtl	h: 3 M	Hz)_H	CH_Q	PSK	
LXI	RL	RF	nalyzer - Sw 50 Ω	A DC		SEN	ISE:INT	A	ALIGN OFF	06:11:45 PM	1Dec 25, 2018	Frequency	
Ce	nter	Freq	79.500	KHZ PI IF	NO: Wide 🔸 Gain:Low	Trig: Free #Atten: 22	Run dB	Avg Type Avg Hold:			E 123456 E MWWWWWW T A A A A A A		
10 0	dB/div	Rei Re	f Offset 10 f 10.58 (.58 dB 1BM					r	Mkr1 9.0 -62.30	000 kHz 08 dBm	Auto Tune	
0.58												Center Freq 79.500 kHz	
-9.4	2												
-19.	4											Start Freq 9.000 kHz	
-29.	4											Stop Freq	
-39.	4										-43.00 dBm	150.000 kHz	
-49.	4											CF Step 14.100 kHz Auto Man	
-69.													
-69.	4 190 14	WHAN WY	hylunwa	hhm	hAuton			. h				Freq Offset 0 Hz	
-79.	4				huruhan	byrtfry ^{lle} rwyddyd	w www.	wp ^{ersy} nilywywy	when when when when when when when when	when	walam		
Sta #R	urt 9.0 es BV	00 kHz N 1.0	z kHz		#VBW	3.0 kHz*		5	weep 1	Stop 15 74.0 ms (0.00 kHz 1001 pts)		
MSG			- large for						STATUS	🔥 DC Cou	pled		
LXI	RL	RF	14lyzer - Sw 50 Ω 15.0750	ADC	NO: E	SEN	Bun	Avg Type: Avg Hold:	ALIGN OFF RMS 9/100	06:11:51 PM TRAC TVP	1Dec 25, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
		Rei	f Offset 10		NO: Fast 🔸	#Atten: 10	dB			Mkr1 4	49 kHz	Auto Tune	
10 c	dB/div	Re	f Offset 10 f 10.58 (Bm						-67.1	58 dBm		
0.68	0											Center Freq 15.075000 MHz	
-9.4	2											Start Freq	
-19.	4											150.000 kHz	
-29.		_									-33.00 dĐm	Stop Freq 30.000000 MHz	
-39.												CF Step	
-49.												2.985000 MHz Auto Man	
-69.	▲ 1											Freq Offset	
-79.		rohany										0 Hz	
Sta	L 15	0 KHZ		Harristonia	harry live in the second	her an	uninipary	rannininialita	Aller and the state of the second		₩.₩µ~₩₩₩~ D.00 MHz		
#Re MSG	es BV	V 10 k	Hz		#VBW	30 kHz*		٤		68.3 ms (1001 pts)		
	ent Spec	ctrum Ar	nalyzer - Sw = 50 Ω	ept SA		1	RE-INIT				Dec 25, 2018		
Ce	nter	Freq	13.015	00000 G	Hz NO: Fast 🔸 Gain:Low	Trig: Free #Atten: 40	Run	Avg Type Avg Hold:	6/100	TRAC	E 1 2 3 4 5 6 MWWWWW T A A A A A A	Frequency	
10.4	dB/div	Rei	f Offset 9.9	98 dB	Som.LOW				м	kr2 25.6		Auto Tune	
	dB/div											Center Freq	
20.		1										13.015000000 GHz	
10.		Ť										Start Freq 30.000000 MHz	
-10.0	~ 0												
-20.											-13.00 dDm	Stop Freq 26.00000000 GHz	
-30.												CF Step	
-40.		لمسلسم	Serling and a series of the	- manana	man	a na sha an	and the second second		and former		- vmut	2.597000000 GHz <u>Auto</u> Man	
-50.	0											Freq Offset 0 Hz	
-60.	o —	_										2010	
Sta	urt 30	MHz								Stop 2	6.00 GHz		
#R	es BV	V 1.0	MHz		#VBW	3.0 MHz'	v	5	Sweep 6	4.93 ms (1001 pts)		

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) ((Chann	el Bar	ndwidth	n: 3 M⊦	Hz)_LC	CH_16	QAM
LXI	RL	RI	nalyzer - Swe F 50 ♀ 79.500 F	1 DC	IO: Wide 🔸		Run	Avg Type Avg Hold:	ALIGN OFF RMS 10/100	05:10:40 PM TRACE TVP	Dec 25, 2018 1 2 3 4 5 6 MMMMMM T A A A A A A	Frequency
10	dB	Re /div Re	f Offset 10. ef 10.58 d		Sain:Low	#Atten: 22	dB			kr1 17.0		Auto Tune
0.68												Center Freq 79.500 kHz
.9.												Start Freq 9.000 kHz
-29												Stop Freq 150.000 kHz
-39											-43.00 dBm	CF Step
-69	9.4 N	hAnall I										14.100 kHz Auto Man
-69	9.4 - 9.4 -	1 Y . W . W	wel-werker	Mahlumu	many	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Allahy	Myrthothing	Autor Aberlion	ήγυμ/₩/₩ Stop 15	<i>ს</i> ი გ. (ხო. დ. 116	Freq Offset 0 Hz
Sti #R	art tes	9.00 kHz BW 1.0	z kHz		#VBW	3.0 kHz*	.1	r '" •	Sweep 1	Stop 15 74.0 ms (1	0.00 kHz 1001 pts)	
MSG Agi	а	Spectrum Ar	nalyzer - Swe	pt SA					STATUS	🔔 DC Cou	pled	
			15.0750	PI	NO: Fast ++- Sain:Low	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	80100 9/100	TRACE TYPE DE	Dec 25, 2018	Frequency Auto Tune
18	ЗВ	/div Re	f Offset 10. ef 10.58 d	58 dB Bm						-70.80	240 kHz 00 dBm	Center Freq
0.6												15.075000 MHz
-19	9.4											Start Freq 150.000 kHz
-29											-33.00 dBm	Stop Freq 30.000000 MHz
-49												CF Step 2.985000 MHz <u>Auto</u> Man
-59		,1 Նելու է										Freq Offset 0 Hz
-79	9.4			hloradout	www.	y here walking w	nvo a rchungen	ntrip+nausda	physion Upterol	habanangana		
Sta #R	art tes	150 kHz BW 10 H	kHz		#VBW	30 kHz*				Stop 30 68.3 ms (1 1 DC Cou		
1 11	R L	R	nalyzer - Swe F 50 Ω 13.0150	AC 00000 G	Hz	SEN	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	06:10:49 PM TRACE TYPE DE	Dec 25, 2018	Frequency
	dBi ⁹ F	Re	f Offset 9.9 af 30.00 d	PI IFC 8 dB	NO: Fast 🔸	#Atten: 40	dB	Avalueia:		kr2 26.0		Auto Tune
20												Center Freq 13.015000000 GHz
10		^1										Start Freq 30.000000 MHz
-10											-13.00 dDm	Stop Freq
-20											2	26.00000000 GHz
-40		- and a second	halle provide	petronal and the second	Mange And Josepher	Natural Contraction of the International Contractional Contract	-States and a state of the stat	and the second	an the second second	and the state of the	Ar transfer	2.597000000 GHz <u>Auto</u> Man
-50												Freq Offset 0 Hz
St: #R	art ≀es	30 MHz BW 1.0	MHz		#VBW	3.0 MHz*		<u> </u>	Sweep 64	Stop 26 4.93 ms (1	5.00 GHz 1001 pts)	
MSG									STATUS			

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Report No.: LCS181219033AEG

	CS	SE Tes	t Grap	oh(s) (0	Channe	el Ban	dwidth	: 3 MF	Hz)_MC	CH_16	QAM
Agilen	It Spectrum A	nalyzer - Swe F 50 ຊຸ	pt SA		SEN	ISE:INT		ALIGN OFF	06:11:23 PM	Dec 25, 2018	_
Cen	ter Freq	79.500	PN	O: Wide	Trig: Free #Atten: 22	Run	Avg Type Avg Hold:	: RMS 10/100	TRACE TVPI DE	123456 MWWWW TAAAAAA	Frequency
10 de Log j	Re B/div R e	f Offset 10. of 10.58 d	58 dB	Sain:Low	WALLEN. 22			r	Vikr1 9.2		Auto Tune
0.680											Center Freq 79.500 kHz
-9.42											Start Freq
-19.4											9.000 kHz
-29.4											Stop Freq 150.000 kHz
-39.4										-43.00 dBm	CF Step 14.100 kHz
-69.4	1										Auto Man
-69.4	Man Aralina	WHILL MU	mannal		. N. 11 I						Freq Offset 0 Hz
-79.4				Marta Provi	ent water	MMMM	phylynd fry	where where	۲ Stop 15	WVVIUM	
Star #Res	t 9.00 kH s BW 1.0	z kHz		#VBW	3.0 kHz*		5	Sweep 1	74.0 ms (1	1001 pts)	
 X RI		nalyzer - Swe	N DC	J	GFM	SE:INT!		AL ION OFF	DC Cou	Dec 26, 2010	
Cen	ter Freq	15.0750		NO: Fast Sain:Low	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	8MS 9/100	TRACE	Dec 25, 2018	Frequency
10 de Log I	B/div Re	f Offset 10. ef 10.58 d	58 dB Bm						Mkr1 4	49 kHz 77 dBm	Auto Tune
0.580											Center Freq 15.075000 MHz
-9.42											Start Freq
-19.4											150.000 kHz
-29.4										-33.00 dBm	Stop Freq 30.000000 MHz
-49.4											CF Step 2.985000 MHz
-59.4	. 1										<u>Auto</u> Man
-69.4	Muraylyny										Freq Offset 0 Hz
-7.5.4	W		depensional dependent	m.t. wij ike sil fangeliked	upa in appinsing any	uterus des partes des des des des des des des des des d	าาสมปลุ่มหูปหูปหู	Numberstyperson	helenskahlunnska		
Star #Res	t 150 kHz s BW 10	kHz		#VBW	30 kHz*		ę		Stop 30 68.3 ms (1 <u>1</u> DC Cou		
 Y RI		nalyzer - Swe F 50 Ω	AC		SEN	ISE:INT	Δ	ALIGN OFF	06:11:32 PM	Dec 25, 2018	Frequency
Cen	ter Freq	13.0150	00000 G PI IFC	HZ NO: Fast Sain:Low	Trig: Free #Atten: 40	Run dB	Avg Type Avg Hold:		TRACE TYPE DE		Frequency
10 de Log	Re B/div R e	f Offset 9.9 ef 30.00 d	B dB Bm	· · · · ·				м	kr2 25.6 -28.74	36 GHz 17 dBm	Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0	\rightarrow ¹										Start Freq
0.00											30.000000 MHz
-10.0										-13.00 dBm	Stop Freq 26.00000000 GHz
-30.0								-	uer-monenter	- men 2	CF Step 2.597000000 GHz
-40.0	- mar and	hanna ann	∽₩~ [₩] ≈∽~≈ _₩ ₩₩₩₩₩₩	-	Sand and a start of the start o	and a second	····~				<u>Auto</u> Man
-50.0											Freq Offset 0 Hz
	1 30 MH-								Stop 24	3 00 CH-	
Star #Re:	t 30 MHz s BW 1.0	MHz		#VBW	3.0 MHz*	v	1	Sweep 6	4.93 ms (1	5.00 GHz 1001 pts)	

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) ((Chann	el Ban	dwidth	: 3 MF	lz)_HC	CH_16	QAM
LXI	RL	R	nalyzer - Swe F 50 ຊຸ	1 DC		SEN	SE:INT		ALIGN OFF	06:12:02 PM	Dec 25, 2018	Frequency
Ce	ent	er Freq	79.500	PI	IO: Wide 🔸	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	RMS 10/100	TRACE TYPE DE	123456 MWWWWW TAAAAAA	
10	dB/	Re div R e	f Offset 10. ef 10.58 d	58 dB					м	kr1 10.9		Auto Tune
												Center Freq
0.68												79.500 kHz
-9.4												Start Freq
-19												9.000 kHz
-29	9.4 -											Stop Freq 150.000 kHz
-39	9.4										-43.00 dBm	
-49												CF Step 14.100 kHz <u>Auto</u> Man
-69	9.4	1										
-69	- L	WAA N. R	Mlo									Freq Offset 0 Hz
-79	9.4 F	1 mArried	h he he he he	what what we	Munuth	twin why the way	presenting the start of	www.	Ann	MMV YMM	un hun hand	
Sta #	Lart	9.00 kH BW 1.0	z	l		3.0 kHz*					0.00 kHz	
#R MSG		500 1.0	N112		#0800	3.0 KHZ"				LDC Cou		
LXI	RL	R	nalyzer - Swe F 50 ຊຸ	L DC		SEN	SE:INT		ALIGN OFF	06:12:08 PM	Dec 25, 2018	Frequency
Ce	ent	er Freq	15.0750	P	NO: Fast 🔶	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	8MS 9/100	TRACE TYPE DE	123456 MWWWWW TAAAAAA	
10	de	Re div P e	f Offset 10. of 10.58 d	58 dB						Mkr1 4	49 kHz 28 dBm	Auto Tune
Ĺŏ	ЗВ		1 10100 0									Center Freq
0.68	80 -											15.075000 MHz
-9.4	42 -											Start Freq
-19	9.4											150.000 kHz
-29	9.4										-33.00 dBm	Stop Freq 30.000000 MHz
-39	9.4 -											
-49	э.4											CF Step 2.985000 MHz
-69	9.4	1										<u>Auto</u> Man
-69	9.4	ulandulahi.										Freq Offset 0 Hz
-79		<u> </u>	waster de Au	يد اور مرور در	والمراور والمراور	، القاليما،	tistan silik at	L. B. a lattille and a share	e	ha a baan dhadd	. الحالجات	
St	lart	150 kHz		h liter a la companya da com			de a altra de Arres	habenhanilasaa walay		Stop 30	0.00 MHz	
#R 		BW 10 I	KHZ		#VBW	30 kHz*				58.3 ms (1		
Agi	ilent RL	Spectrum A	nalyzer - Swe	pt SA		2014	SE:INT	*		06:12:11 PM		
Ce	ent	er Freq	13.0150	00000 G	iHz NO: Fast ↔ Sain:Low	1	Run	Avg Type Avg Hold:	RMS 6/100	TRACE	1 2 3 4 5 6 MWWWWW T A A A A A A	Frequency
		Re	f Offset 9.9 of 30.00 d		sain:Low	#Atten: 40	40		М	(r2 25.6		Auto Tune
18	β	div Re	ef 30.00 d	Bm						-20.30		Center Freq
20	0.0											13.015000000 GHz
10	0.0	$-^{1}$										Start Freq
0.1	.00											30.000000 MHz
-10	0.0										-13.00 dBm	Stop Freq
-20	o.o										2	26.00000000 GHz
-30	o.o								den anna		and the second	CF Step 2.59700000 GHz
-40	 ~	a manual and	ware and	y		- Joseph Stand	فعلم منهيلا وسنعتمان	- "John				<u>Auto</u> Man
-50	o.o											Freq Offset 0 Hz
-60	0.0											
St	L	30 MHz								Stop 26	6.00 GHz	
#R	Res	BW 1.0	MHz		#VBW	3.0 MHz'		8	Sweep 64	4.93 ms (1	1001 pts)	
Mou	~								514108			

CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK
Agilant Spectrum Analyzer - Swept SA 10 8.1 60 50 0 Ab CC SERVENT ALION COFF 05:12:25 (MORe 25, 2018) Constar Except 27 500 LHz Ava Tune: BMS 10:451 (2.2.3.4.5.5) Frequency
PRO: Wild Trig: Free Run Ávigi Hóla: 9/100 trrei húwiúw IFGaint 22 dB cert A A A A
Ref Offset 10.58 dB Mkr1 10.551 kHz Auto Tune 10 dB/div Ref 10.58 dBm -60.364 dBm
0.680 Center Freq 79.500 kHz
19.42 Start Freq
-19.4 9.000 kHz
-29.4 Stop Freq
-39.4 150.000 kHz
-49.4 -1
50.4 Freq Offset
-69.4 1 WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW
all a she way a fire way a fire way a she
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)
Aglient Spectrum Analyzer - Swept SA
Ø RL FF 50 0 αb C SERVEDINT Ability CF Doi:231FMDec29,2019 Frequency Center Freq 15.075000 MHz Trig: Free Nun Avg Type: RMS Trig: Tree Nun Frequency Frequency F6dint.0v #Atom crime Avg Hold: 9/100 Tref Num. Avg Frequency
IFGainLow #Atten: 10 dB Elipanaaa
Log Center Freq
0.680 15.075000 MHz
9.42 Start Freq 19.4 150.000 kHz
-234
-49.4 CF Step 2.985000 MHz
-69.4
-69.4
.79 4 La Min Mary 4 1 habre aprece non-in-in-for a la contra france de la contra participa de la contra de la
Start 150 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts)
MSG STATUS ADD Coupled
Agliant Spertrum Analyzer - Swept SA Swept SA Set Medicity T An Lion Core 06:12:34 FM Dec: 29, 2018 Frequency B R. R. R. R. Set So 0 Act So 0 Frequency Center Freq 13.015000000 GHz Avg Type: RMS Trace 1: 2: 34 5 0 Frequency PN0: East Trig: Free Run Avg Type: RMS Trig: Work over 1: 2: 34 5 0
IFGain:Low #Atten: 40 dB
Ref Offset 9.99 dB Nikr2 29, 636 Characteristic 10 dB/div Ref 30.00 dBm -28, 659 dBm -28, 659 dBm
20.0 Center Freq 13.015000000 GHz
100 100 Start Freq
-10.0
-30.0 CF Step 2.597000000 GHz Auto Man
-50.0 Filed Other
60.0 Start 30 MHz Stop 26.00 GHz

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Report No.: LCS181219033AEG

		C	SE Te	st Gra	oh(s) (Chanr	nel Bar	ndwidtl	n: 5 MI	Hz)_M	CH_Q	PSK
LX(RL	RF	alyzer - Swe 50 Ω ∕ 79.500 k	DC		SEN	SE:INT		ALIGN OFF	06:13:07 PM	Dec 25, 2018	Frequency
		Ref	79.500 F Offset 10.4	PN	O: Wide 🔸	Trig: Free #Atten: 22	Run dB	Avg Type Avg Hold:		kr1 12.3	84 kHz 32 dBm	Auto Tune
0.58			r 10.58 a	BM						-02.00		Center Freq 79.500 kHz
-9.4	2											Start Freq
-19. -29.												9.000 kHz Stop Freq
-39.	_										-43.00 dBm	150.000 kHz
-49.	4	• ¹										14.100 kHz Auto Man
-69.	4	WWAR	WWWYWW	MMMmp.	r Mantun	. Mrs. Male		A.M 01 /		MMM		Freq Offset 0 Hz
-79. Sta	art 9	9.00 kHz				0.04 ⁻¹ 0	للاصفال اب	h . with h	ייזעיעויאאיז	Stop 15	мүүчүм 0.00 кнz	
MSG		3W 1.0 I	kHz alyzer - Swe	at SA	#VBW	3.0 kHz*				74.0 ms (1		
LX/	RL	RE	50 Q / 15.0750		IO:Fast		Run	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	06:13:13 PM TRACE	Dec 25, 2018 1 2 3 4 5 6 MMMMMM T A A A A A A	Frequency
19,3	dB/di	Ref liv Rei	Offset 10. f 10.58 d		IO: Fast ↔ ain:Low	#Atten: 10	dB			kr1 3.40		Auto Tune
0.58												Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-29.											-33.00 dBm	Stop Freq 30.000000 MHz
-39.												CF Step 2.985000 MHz
-59.			1									Electrony Street
-69.	4	NIV-HALLAN	Way		1	المراجعة الم	1. 11 . 1. 1. 1. 1.			1.1.1.14b - 14		0 Hz
		150 kHz 3W 10 k		est allowing the second se		30 kHz*	non-automa.		weep 3	58.3 ms (1	0.00 MHz 1001 pts)	
MSG		pectrum An	alyzer - Swe	pt SA					STATUS	🚹 DC Cou	pled	
(,)(/	RL	RF	: 50 Ω	AC 00000 G	IO: Fast 🗝	SEN	Run	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	06:13:17 PM TRACE TYPE	Dec 25, 2018 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10.0	dB/di	Ref liv Ref	′Offset9.94 f30.00 d	IFG BidB	iain:Low	#Atten: 40	dB			(r2 25.8		Auto Tune
20.												Center Freq 13.015000000 GHz
10.		^1										Start Freq 30.000000 MHz
-10.											-13.00 dBm	Stop Freq 26.00000000 GHz
-20. -30.										werken and	2 And the second	25.59700000 GHz
-40.			~~~~	~~*******************	5	tay a carles that the	water a grage whether	and a second second	- Marian Maria			E.597000000 GH2 Auto Man Freq Offset
-50.												0 Hz
Sta #R	art 3 es B	30 MHz 3W 1.0 I	MHz		#VBW	3.0 MHz*			Sweep 64	Stop 26 1.93 ms (1	5.00 GHz 1001 pts)	
MSG									STATUS			

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Report No.: LCS181219033AEG

	C	SE Te	st Gra	ph(s) (Chanr	nel Bar	ndwidt	h: 5 Ml	Hz)_H	CH_QI	PSK
LXI	ent Spectrum / R L	RF 50 Ω /	L DC		SEN	SE:INT		ALIGN OFF	06:13:52 PM	Dec 25, 2018	_
Ce	nter Freq	79.500		O:Wide	Trig: Free	Run	Avg Type Avg Hold:	: RMS 10/100	TRACE	123456 MWWWWW TAAAAAA	Frequency
19	dB/div R	ef Offset 10. ef 10.58 d	IFG	ain:Low	#Atten: 22	dB		м	kr1 10.4		Auto Tune
0.66	' <u> </u>					-					Center Freq 79.500 kHz
-9.4	2										Start Freq
-19.											9.000 kHz
-29.										12.00 48-	Stop Freq 150.000 kHz
-49	4									-43.00 dBm	CF Step 14.100 kHz
-69.	4 My Marine										Auto Man Freq Offset
-69.	4 W	handr/www.	MMM	wywyywany w	adju na	w. When the start	unta a. t	. A to be all			0 Hz
Sta	art 9.00 kH	z				• Lisan, wh	htti i utwint	M M M M M M M	Stop 15	₩₩₩₩₩ 0.00 kHz	
#R MSG	es BW 1.0	kHz		#VBW	3.0 kHz*			sweep 1	74.0 ms (1	1001 pts)	
LXI	nt Spectrum / RL nter Freq	RF 50 Ω /	N∞ 00 MHz		1	SE:INT	Avg Type Avg Hold:	ALIGN OFF	06:13:57 PM TRACE TVP	Dec 25, 2018	Frequency
10	R	of Offset 10.	IFG 58 dB	IO: Fast 🔸	Atten: 10	dB	Avg Hold:		₀∈ 1kr1 3.40		Auto Tune
0.66	° [ef 10.58 d	BM						-00.30		Center Freq
-9.4											15.075000 MHz
-19	4										Start Freq 150.000 kHz
-29.										-33.00 dBm	Stop Freq 30.000000 MHz
-39.											CF Step 2.985000 MHz
-69	4	▲ 1									<u>Auto</u> Man
-69.	1 warm	M.									Freq Offset 0 Hz
-79.	4	- Miller	_{ท้} นาเนิดสำนัง _{กา} รไทยแ	๛๛ _๛ ๚๚๛๛๚๚๚	gladyst franklandeler og	n ff han var han	elertre-treferingin	dines and a second	an ann an		
Sta #R	urt 150 kH: es BW 10	kHz		#VBW	30 kHz*				Stop 30 68.3 ms (1 1 DC Cou		
Agil	ent Spectrum /	nalyzer - Swe	pt SA								
LXI	nter Freq	RF 50 Ω	AC	Hz		SE:INT	Avg Type	ALIGN OFF	06:14:01 PM TRACE TVP	Dec 25, 2018 1 2 3 4 5 6 MMMMMM T A A A A A A	Frequency
	R	offset 9.9	Ph IFG B dB	HZ IO: Fast 🔸 ain:Low	#Atten: 40	dB	Avg Hold:		(r2 25.6		Auto Tune
18,	° [ef 30.00 d	BM						-20.72		Center Freq
20	. 1										13.015000000 GHz
0.0	0										Start Freq 30.000000 MHz
-10.										-13.00 dBm	Stop Freq 26.00000000 GHz
-20.									aud the Plan in	A La	CF Step 2.597000000 GHz
-40.	a manager and	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	الأميرية الألكي والمحاصر المحاص	- angle and a star and a	and the state of t		فالموسود والمعاسلين	- · · · · · · · · · · · · · · · · · · ·	, 11-54F	<u>Auto</u> Man
-50.											Freq Offset 0 Hz
-60.	art 30 MHz								Stop 24	5.00 GHz	
Sta #R	es BW 1.0	MHz		#VBW	3.0 MHz*		5	Sweep 64	Stop 26 4.93 ms (1	1001 pts)	

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		CS	SE Te	st Grap	oh(s) ((Chann	el Ban	dwidth	n: 5 Mł	Hz)_LC	CH_16	QAM
Agil	lent S RL	pectrum Ar	nalyzer - Swe	pt SA		CEN	SE-INT	A	ALIGN CEE	06:12:46 24	1Dec 25, 2018	
Ce	ente	er Freq	79.500	PN	IO: Wide 🔸	Trig: Free	Run	Avg Type: Avg Hold:	RMS 10/100	TRACI		Frequency
10 0	dB/c	Rei div R e	f Offset 10 f 10.58 c	IFC	Sain:Low	#Atten: 22	dB		м	kr1 11.3		Auto Tune
0.68												Center Freq 79.500 kHz
-9.4	42											
-19.	.4											Start Freq 9.000 kHz
-29.	.4 —											Stop Freq 150.000 kHz
-39.											-43.00 dBm	CF Step
-49.		1										14.100 kHz Auto Man
-69.	.4 M	My way	Aller Mark	J								Freq Offset 0 Hz
-79.	.4		ANG THE	MWNYWW	WMAI/Y	valanna	M w.N halfa	www.www.	allaura	www	ሲሎሌሎላኒሌላላ	0 H2
Sta #P		9.00 kHz BW 1.0				3.0 kHz*				Stop 15 74.0 ms (*	0.00 kHz	
MSG		BW 1.01	KIIZ		#0800	3.0 KH2				DC Cou		
LX/	RL	Rf	nalyzer - Swe F 50 Ω 15.0750	A DC			ISE:INT	Avg Type	RMS	06:12:52 PM	1Dec 25, 2018 E 1 2 3 4 5 6	Frequency
	dB/c	Rei	f Offset 10 f 10.58 c	PI IFC	NO: Fast 🔸	#Atten: 10	dB	Avg Hold:		1kr1 3.4	04 MHz 73 dBm	Auto Tune
Lõg 0.68												Center Freq 15.075000 MHz
-9.4												Start Freq
-19.	.4											Start Freq 150.000 kHz
-29.	.4										-33.00 dBm	Stop Freq 30.000000 MHz
-39.												CF Step
-49.												2.985000 MHz Auto Man
-69.	.4		♦ ¹									Freq Offset 0 Hz
-79.	.4 M	helawhater		and states and and	المراخية بالمراجع	أندر لمنازب فوطاري	hallowall.	الملارد ومدوان والموالي	al and the second second	(how have a state of the	hallowayana	
Sta #R	∟ art ′ tes I	150 kHz BW 10 k		a and a second		30 kHz*	al de la angle de la designa des				0.00 MHz	
MSG	1									L DC Cou		
LXI	RL	RF			Hz	1	Bun	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	TRACI	Dec 25, 2018 E 1 2 3 4 5 6 E MWWWWW	Frequency
10.4	dB/r	Ret	f Offset 9.9	8 dB	NO: Fast ↔ Sain:Low	#Atten: 40	dB	gji refu		⊷ kr2 25.6		Auto Tune
		arv rce	. 30.00 0									Center Freq
20.		1										13.015000000 GHz
0.0												Start Freq 30.000000 MHz
-10.											-13.00 dDm	Stop Freq
-20.											2	26.00000000 GHz
-30.			·	- and a polyness		and the second		and the second	- استوروني محسور	and a start and a start	, mer Usen Jack	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.		and an and a second second	Mr. and									Freq Offset
-60.												0 Hz
Sta	art :	30 MHz BW 1.0			#\/B\\	3.0 MHz*			Swoon e	Stop 20 4.93 ms (*	6.00 GHz	
		-VV 1.01	11112		#VDVV	S.O WINZ'		2	weep 0	-т.өр ше ('	roor prs)	

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) (0	Chann	el Ban	dwidth	: 5 MH	lz)_MC	CH_16	QAM
LXI	RL	R	nalyzer - Swo F 50 Q	A DC		SEN	ISE:INT	Â	ALIGN OFF	06:13:29 PM	Dec 25, 2018	_
Ce	nte	er Freq	79.500	19	IO: Wide 🔸	Trig: Free #Atten: 22	Run	Avg Type Avg Hold:	RMS 10/100	TRACE TYPE DE	123456 MMMMM TAAAAAA	Frequency
183	dB/d	Re liv Re	f Offset 10 of 10.58 c		sain:Low	B /11011.22			м	kr1 12.5 -62.71		Auto Tune
0.68												Center Freq 79.500 kHz
-9.4	2											Start Freq
-19,-												9.000 kHz
-29.											-43.00 dBm	Stop Freq 150.000 kHz
-49,-	4											CF Step 14.100 kHz
-69.	4	1										Auto Man Freq Offset
-69	4	. A. MA	wary with	MM MM	WANG WANG	หานกกุณ	hurta data.	horry Allymp			A	0 Hz
		9.00 kH	7		1			MA. MAR MUN	W. YARANG MAN	WWWWWW	MMM MMM	
Sta #Re MSG	es l	BW 1.0	kHz		#VBW	3.0 kHz*		5	Sweep 17	510p 15 74.0 ms (1 1 DC Cou	1001 pts)	
LX/	RL	R	nalyzer - Swe F 50 ຊ	▲ DC		SEN	ISE:INT	A	ALIGN OFF	06:13:34 PM	Dec 25, 2018	Frequency
Ce	nte	er Freq	15.0750	P	NO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Type: Avg Hold:				Auto Tune
10 0	dB/d	Re div Re	f Offset 10 of 10.58 c	.68 dB 18m						kr1 3.40 -70.62	21 dBm	
0.68	- 0											Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-19												
-39.											-33.00 dBm	Stop Freq 30.000000 MHz
-49	4											CF Step 2.985000 MHz Auto Man
-59.			▲ 1									Auto Man Freq Offset
-69. -79.	4 4	humper	Ч.									0 Hz
Sta		150 kHz	We have a	meliphanten	hadudmaadda	*** *********************************	phanky/hareso	manuna	ŗ,k.lyddin¶yyrlyN	Stop 30	~yndallaihuu 0.00 MHz	
	es l	BW 10 I			#VBW	30 kHz*		5		58.3 ms (1	1001 pts)	
LX/	RL	R	nalyzer - Swe F 50 g	AC		SEN	ISE:INT	Â	ALIGN OFF	06:13:38 PM	Dec 25. 2018	
		er Freq	13.0150	00000 G	HZ NO: Fast 🔸 Sain:Low		Run	Avg Type Avg Hold:	RMS 6/100	06:13:38 PM TRACE TVP DE		Frequency
19.5	dB/d	Re div R e	f Offset 9.9 ef 30.00 d	8 dB	sain:Low	#Atten: 40				(r2 25.6		Auto Tune
20.												Center Freq 13.015000000 GHz
10.	.0	^1										Start Freq
0.0												30.000000 MHz
-10.0											-13.00 dBm	Stop Freq 26.00000000 GHz
-20.											- man	CF Step 2.597000000 GHz
-40.0	•	name and	hood he again the			and a second start	eneld and a regard of the	and the second sec	and the second sec			<u>Auto</u> Man
-50.0												Freq Offset 0 Hz
-60.0												
Sta #Ro MBG	es E	30 MHz BW 1.0	MHz		#VBW	3.0 MHz	•	5	Sweep 64	4.93 ms (1	5.00 GHz 1001 pts)	
Mod									-14108			

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Report No.: LCS181219033AEG

		CS	SE Tes	t Grap	oh(s) (0	Chann	el Ban	dwidth	: 5 MH	Hz)_HC	CH_16	QAM
()()	RL	RF		L DC		SEN	ISE:INT		ALIGN OFF	06:14:13 PM	Dec 25, 2018	
Ce	ente	er Freq	79.500 k	PN	IO: Wide 🔸	Trig: Free #Atten: 22	Run	Avg Type: Avg Hold:	RMS 10/100	TRACE		Frequency
10	dB/	Rei Idiv Re	Offset 10. f 10.58 d	58 dB	Sain:Low	#Atten: 22	a B		м	kr1 12.2		Auto Tune
0.58	_											Center Freq 79.500 kHz
-9.4	42 —											Start Freq
-19												9.000 kHz
-39											-43.00 dBm	Stop Freq 150.000 kHz
-49		•1										CF Step 14.100 kHz <u>Auto</u> Man
-59	9.4 9.4	WWWhath	Jul and a									
-79	9.4 —		NUM WOLA	upmpleau	muumuup	andyAuthy	www.www.h	evylopet. _{เค} าใน	MARSHAR	WUM NAUAR	where the stand	0 Hz
Sta #R	tart Res	9.00 kHz BW 1.0	: kHz		#VBW	3.0 kHz*		<u>ا</u> د	weep 17	₩' Stop 15 74.0 ms (1	0.00 kHz 1001 pts)	
MSG	a _									L DC Cou		
1 × 1	R L	RE	alyzer - Swe 50 Ω ∕ 15.0750	NDC		SEN	ISE:INT	Avg Type: Avg Hold:	ALIGN OFF	D6:14:18 PM TRACE TVP DE	Dec 25, 2018	Frequency
		Ba		PT IFG	NO: Fast 🔸	Trig: Free #Atten: 10	Run I dB	Avg Hold:		™ ™ 1kr1 3.40 -68.74		Auto Tune
	^{dB/}	/div Re	f 10.58 d	Bm						-68.74	13 dBm	Center Freq
0.66												15.075000 MHz
-19												Start Freq 150.000 kHz
-29											-33.00 dBm	Stop Freq 30.000000 MHz
-39												CF Step
-69	9.4 —		▲ 1									2.985000 MHz <u>Auto</u> Man
-69	+	relations	ui.									Freq Offset 0 Hz
-79		150 kHz	WARNA	ะก่ะว _{ันสุรั} หน _{ังส} ะเพ	www.www.alunada	nfaphaatheren ()	withurst	monulapaira	an the second		እ.00 MHz	
STR #R MSG	₹es	BW 10 k	Hz		#VBW	30 kHz*		5		68.3 ms (1	1001 pts)	
		Spectrum Ar	alyzer - Swe	pt SA			10.00 At 100				0	
Ce	ente	er Freq	13.0150	00000 G	Hz		Run	Avg Type: Avg Hold:	RMS 5/100	06:14:22 PM TRACE TYPE	Dec 25, 2018	Frequency
	de,	Rei	/ Offset 9.94 f 30.00 d		HZ NO: Fast ↔ Sain:Low	#Atten: 40	dB			r2 25.74		Auto Tune
20		Ke	, 50.00 d	5.0								Center Freq 13.015000000 GHz
10		^ 1										Start Freq
0.0												30.000000 MHz
-10											-13.00 dDm	Stop Freq 26.000000000 GHz
-30								month and		and the state of the	Anna &	CF Step 2.597000000 GHz Auto Man
-40	~	and marked	Merry and and	******	and the second	et an	nengel Bigersteller	tager out				Auto Man Freq Offset
-60												0 Hz
St	L	30 MHz								Stop 26	5.00 GHz	
#R MSG	Res	BW 1.0	MHz		#VBW	3.0 MHz*	•	5	Sweep 64	4.93 ms (1	1001 pts)	

Report No.: LCS181219033AEG

		C	SE Te	st Gra	oh(s) (Chann	el Bar	dwidth	n: 10 M	ИHz)_L	.CH_Q	PSK
1 11	RL	B	nalyzer - Swo F 50 Q 79.500	A DC		SEN	ISE:INT		ALIGN OFF	06:14:36 PM	Dec 25, 2018	Frequency
	dB/div	Re	f Offset 10.	PI IFI	IO: Wide ↔ Sain:Low	Trig: Free #Atten: 22	Run dB	Avg Type: Avg Hold:		۳۷۶ Mkr1 9.4 -61.82	123456 AAAAAA 23 kHz 22 dBm	Auto Tune
0.58												Center Freq 79.500 kHz
-9.4												Start Freq 9.000 kHz
-29.												Stop Freq 150.000 kHz
-49.											-43.00 dBm	CF Step 14.100 kHz Auto Man
-69.	4	w ^w w	My Marine	0. 9. M 1								Freq Offset 0 Hz
-79.	4			אראיזיזעריי	Mr.	MyMym	nymydd ywydd	honMannon	normative the	₩ ^M / ^{M#} WM Stop 15	har yprydyn	
Sta #R MSG	urt 9.0 es BV	00 KH: N 1.0	z kHz		#VBW	3.0 kHz*		ŝ	weep 1	Stop 15 74.0 ms (7 DC Cou	1001 pts)	
LX(RL	R	nalyzer - Swe F 50 Ω. 15.0750	≜∞ 00 MHz		SEN	ISE:INT	Avg Type Avg Hold:	ALIGN OFF	06:14:41 PM	Dec 25, 2018	Frequency
	dB/div	Re	f Offset 10.	P IFI 58 dB	NO: Fast ↔► Sain:Low	Atten: 10	dB	Avg Hold:		/kr1 1.8	B1 MHz 71 dBm	Auto Tune
0.68	·											Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-29.											-33.00 dBm	Stop Freq 30.000000 MHz
-39.												CF Step 2.985000 MHz Auto Man
-69.		♦ ¹										Auto Man Freq Offset 0 Hz
-79.	4 Hule	el war	aktalitere	hand all all all all all all all all all al	water	hersterne lindere for	Aller and the second	NHAMAN	MUNICHT	allow-do-www.he	euniumutinge	0 Hz
Sta #R	urt 15 es BV	0 kHz N 10 I	kHz			30 kHz*			weep 3	Stop 30 68.3 ms (* 1 DC Cou	0.00 MHz 1001 pts)	
LX/	RL	R	nalyzer - Swo F 50 Q	AC		SEN	ISE:INT		ALIGN OFF	06:14:45 PM	Dec 25, 2018	Frequency
Ce	nter	Freq	13.0150	00000 G	iHz NO: Fast ↔ Sain:Low	Trig: Free #Atten: 40	Run I dB	Avg Type: Avg Hold:		05:14:45 PM TRACI TYP DE		Auto Tune
18,	dB/div	Re Re	f Offset 9.9 ef 30.00 c	8 dB IBM					M	kr2 25.7 -28.94	14 GHz 13 dBm	
20.		1										Center Freq 13.015000000 GHz
0.0		Ť										Start Freq 30.000000 MHz
-10.											-13.00 dBm	Stop Freq 26.00000000 GHz
-30.		Jul	mun	narticadora y rankity	and and the second second	-	hadaallaa ah a	restanting to a	مسببه	minan	we have	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.												Freq Offset 0 Hz
-60. Sta		MHz								Stop 2	3 00 CH-	
Sta #R	art 30 es BV	MHz N 1.0	MHz		#VBW	3.0 MHz	v	5	Sweep 6	Stop 20 4.93 ms (*	5.00 GHz 1001 pts)	

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) (0	Chann	el Ban	dwidth	: 10 N	1Hz)_N	ICH_C	PSK
LX/	RL	RF	nalyzer - Swe = 50 Ω ∦	A DC		SEN	SE:INT	A	ALIGN OFF	06:15:21 PM	Dec 25, 2018	Frequency
	dB/div	Ret	79.500 i f Offset 10. f 10.58 d	PN	IO: Wide 🔸	Trig: Free #Atten: 22	Run dB	Avg Type: Avg Hold:		Vikr1 9.7	05 kHz	Auto Tune
0.68												Center Freq 79.500 kHz
-9.4												Start Freq 9.000 kHz
-29.												Stop Freq 150.000 kHz
-49.											-43.00 dBm	CF Step 14.100 kHz Auto Man
-69.		Marin	Aman	Marih. 1.								Freq Offset 0 Hz
-79.	4		v ry v	" "PW Wyff	Yumaabrinh)	"White Marker	handanalan	nt Altry March	^ቀ ለቀፍ/ቀላም ነ	مرور AM	mulphinter	
Sta #Ru MSG	art 9. es Bi	00 kHz W 1.0	z kHz		#VBW	3.0 kHz*		s	Sweep 1	Stop 15 74.0 ms (1 1 DC Cou	1001 pts)	
13(1	RL	RF	nalyzer - Swe = 50 ຊ 2			SEN	SE:INT		ALIGN OFF	06:15:27 PM	Dec 25, 2018	Frequency
			15.0750 f Offset 10. f 10.58 d	PI	NO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Type: Avg Hold:	9/100	Mkr1 4	78 kHz 0 dBm	Auto Tune
0.68		v Re	10.58 0									Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-19.											-33.00 dBm	Stop Freq 30.000000 MHz
-39.												CF Step 2.985000 MHz
-69.	1.1											Auto Man Freq Offset
-79.	4 Pm/r	hulpung	dates and the la	Matherital	wijnerjetheidige/vele		างเป็นสายราชีวิธีเราสะบุษ	iythiga.nin milijiling	Mahari Mahari	/\/wh/w////////// Stop 30	mprovided by which	0 Hz
		50 kHz W 10 k				30 kHz*			Sweep 3	Stop 30 68.3 ms (1	1001 pts)	
Agil	ent Spe	ectrum Ar	nalyzer - Swe	pt SA	,	e	err.a.er ¹					
	nter	Freq	13.0150	00000 G	Hz NO: Fast Sain:Low	1	Run	Avg Type: Avg Hold:	RMS 6/100	06:15:30 PM TRACE TYPE DE1	1 2 3 4 5 6 M	Frequency
10 2	dB/div	Ret v Re	f Offset 9.9 f 30.00 d		Sain:Low	#Atten: 40	dB			kr2 25.6		Auto Tune
20.		. 1										Center Freq 13.015000000 GHz
10.												Start Freq 30.000000 MHz
-10.											-13.00 dBm	Stop Freq 26.00000000 GHz
-30.	-		way				and the state of the	run alexan	and an and	ر مرک ^{ور} ورز مرکور م	, mart your and	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.	~	and a strength			**************************************							Freq Offset 0 Hz
-60./) MHz								Stop 24	5.00 GHz	
Sta #Ro MSG	es Bl	W 1.0	MHz		#VBW	3.0 MHz*		S	Sweep 6	4.93 ms (1	1001 pts)	

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) ((Chann	el Ban	dwidth	: 10 N	IHz)_⊦	ICH_C	PSK
Agile	lent 1		nalyzer - Swe									
LXI F	RL	R	F 50 Q /	<u>NDC</u>		SEN	ISE:INT	Avg Type: Avg Hold:	ALIGN OFF	06:16:05 PM TRACE	Dec 25, 2018	Frequency
				PN	IO: Wide 🔸	Trig: Free #Atten: 22	Run dB	Avg Hold:			123456 MWWWWW TAAAAAA	
		Re	f Offset 10. f 10.58 d	58 dB					м	kr1 10.4 -59.59	10 kHz	Auto Tune
10 c Log	gB/	div Re	ef 10.58 d	Bm						-59.58		
0.680	30 -											Center Freq 79.500 kHz
-9.42	42 -											Start Freq
-19.4	.4 -											9.000 kHz
-29.4	.4											Stop Freq
-39,4												150.000 kHz
											-43.00 dBm	
-49.4	.4	1										CF Step 14.100 kHz
-69.4	4)										<u>Auto</u> Man
-69.4	4	WWW	AL 1									Freq Offset
			"I"nwifywih	month	MAMIN	han ala.	Man	Awartha				0 Hz
-79.4	.4			1	1	. Indian de la segundad	በ "የዮቅሲለት ን	Manyalland	VMV/M	$w_{y}r_{y}w_{y}r_{y}h$	ኯለጥፍታላለባ	
Sta	L art	9.00 kHz	z							Stop 15	0.00 kHz	
#Re	les	BW 1.0	kHz		#VBW	3.0 kHz*		5	Sweep 17	74.0 ms (1	1001 pts)	
MSG									STATUS	1 DC Cou	pied	
IXI F	R L	R	nalyzer - Swe	L DC			SE:INT		ALIGN OFF	06:16:11 PM	Dec 25, 2018	Frequency
Cei	rite	erreq	15.0750		NO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	8/100	TYP	123456 MMMMM TAAAAAA	
		Re	f Offset 10. f 10.58 d						M	lkr1 1.8		Auto Tune
10 g	dB/	div Re	f 10.58 d	Bm						-68.57	77 dBm	
0.680	-											Center Freq
0.000	~Γ											15.075000 MHz
-9.42	42 -											Start Freq
-19.4	.4 -											150.000 kHz
-29,4	4											
											-33.00 dBm	Stop Freq 30.000000 MHz
-39,4	.4 —											
-49,4	.4 -											CF Step 2.985000 MHz
-69,4	.4											<u>Auto</u> Man
		1										Freq Offset
-69.4	4	1 .		. 1 .								0 Hz
-79.4	.4 A	- happer a why still	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1 million the second		وي المراجعة المراجع		granderstation		a.a.h.h. 10.4.1	مار ام د م ال	
	L	160 111-		14	LAL - MALMAN - MARK	anter har en de sen de sen Sen de sen de	inade office lands, the second	(lealing an	-andreader and a second se	of the second	Southes And	
sta #Re	art les	150 kHz BW 10 k				30 kHz*			Sweep 3	68.3 ms (1	1001 pts)	
MSG	4								STATUS	1 DC Cou	pled	
LXV F	RL	RI	nalyzer - Swe F 50 ຊ	AC		SEN	SE:INT	4	ALIGN OFF	06:16:15 PM	Dec 25, 2018	Fraguera
Cer	ente	er Freq	13.0150	00000 G	NO:Fast 🗝	Trig: Free	Run	Avg Type: Avg Hold:	6/100	TRACE	123456 MWWWW TAAAAAA	Frequency
			f Offset 9.9		Sain:Low	#Atten: 40	dB		M	(r2 25.6		Auto Tune
10 d Log	dB/	div Re	f 30.00 d	Bm						-28.69	99 dBm	
												Center Freq
20.0	0.0											13.015000000 GHz
10.0	.0											Start Freq
0.00	-00											30.000000 MHz
-10.0	- 0										-13.00 dBm	Stop Freq 26.00000000 GHz
-20.0	.0										2	23.00000000 GHz
-30.0	.0										att March	CF Step
		June	hanne	and the second s		- and the state of the	ماليان المراجع ا	man and	manne	and the second second	an alamata	2.597000000 GHz <u>Auto</u> Man
-40.0	7	weeks and	a and									
-60.0	.0 -											Freq Offset 0 Hz
-60.0												
Sta #Pr	art	30 MHz BW 1.0	MHZ		#VR)44	3.0 MHz			ween 6	Stop 26 4.93 ms (1	6.00 GHz	
MSG		200 1.0				2.0 .0012			STATUS		praj	
	-											

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Report No.: LCS181219033AEG

		CS	SE Tes	t Grap	h(s) (C	hanne	el Ban	dwidth	: 10 M	Hz)_L(CH_16	QAM
(*	RL	. F	nalyzer Swe	L DC		SEN	SE:INT	A	ALIGN OFF	06:14:59 PM	Dec 25, 2018	_
C	ent	ter Freq	79.500	PN	O: Wide	Trig: Free #Atten: 28	Run	Avg Type Avg Hold:	RMS 10/100	TRACE TYPE DEI	123456 MMMMM A A A A A A	Frequency
1	0 dB	Re Vdiv R e	ef Offset 10. ef 10.58 d		sain:Low	Pricen. 20			P	/lkr1 9.2		Auto Tune
	.680											Center Freq
	9.42											79.500 kHz
	19.4											Start Freq 9.000 kHz
4	29.4											Stop Freq
-	39.4										-43.00 dBm	150.000 kHz
	49.4	1										CF Step 14.100 kHz Auto Man
	69.4	$\overline{\Gamma}_{\mu}\gamma^{\mu}\gamma_{\mu}\gamma_{\mu}$	www.n.w.w	0	m/WMn/n							
	69.4		- VV-Y	h dhuhhandh dh	mArth	www.	white white white	nmulun	march	MMM	MAAAA	Freq Offset 0 Hz
-1	79.4						-					
#	Res	9.00 kH BW 1.0	z kHz		#VBW	3.0 kHz*		ε		74.0 ms (1		
	sg gilent	Spectrum A	inalyzer - Swe	pt SA					STATUS	<u>4</u> DC Cou	pled	
LX.	RL	. F	∛F 50 Ω . 15.0750	L DC	IO: Fast ↔ Gain:Low		Run	Avg Type: Avg Hold:	ALIGN OFF RMS 9/100	06:15:05 PM TRACE TYPE	Dec 25, 2018 1 2 3 4 5 6 MMMMMM A A A A A A	Frequency
1	0 48	Re Vdiv R e	ef Offset 10. ef 10.58 d		iain:Low	#Atten: 10	dB			lkr1 1.88		Auto Tune
			10.50 0									Center Freq
	.580 9.42											15.075000 MHz
	9.42 -											Start Freq 150.000 kHz
	29.4										-33.00 dBm	Stop Freq
	39.4										-33.00 dBm	30.000000 MHz
	49.4											CF Step 2.985000 MHz
	69.4											<u>Auto</u> Man
.6	69.4	•1-										Freq Offset 0 Hz
-1	79.4	hair an	an a	multiplant	haannakkalaanta	under the second	however the second	venitional	physicility	LARAMANNING	where where	
s #	L Start Res	150 kHz BW 10	z kHz			30 kHz*					0.00 MHz	
м	SG									1 DC Cou		
LX .	RL	. F	nalyzer - Swe ≆ 50 Ω 13.0150	AC 00000 G	Hz IQ: Fast ↔►→	SEN	Bun	Avg Type: Avg Hold:	ALIGN OFF RMS 5/100	06:15:08 PM TRACE	123456	Frequency
		Re	off Set 9.9	iFĞ 8 dB	iO: Fast Gain:Low	#Atten: 40	dB			oei (r2 26.0)	00 GHz	Auto Tune
ť	o de C	Vdiv Re	ef 30.00 d	Bm						-28.98	31 dBm	Center Freq
:	20.0											13.015000000 GHz
	10.0	^1										Start Freq 30.000000 MHz
	0.00											
	10.0 20.0										-13.00 dDm	Stop Freq 26.00000000 GHz
	30.0										2	CF Step
	40.0		man	Nor ^{den} andra Nationa		and a start of the	and the state of the	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and a stranger	~~***********	r	2.597000000 GHz <u>Auto</u> Man
	50.0											Freq Offset 0 Hz
-6	60.0											
S	tart Boo	30 MHz 8 BW 1.0	MILIZ		#\/B\4	3.0 MHz*			woon	Stop 26	5.00 GHz	
	Res	5 BW 1.0	WHZ		#VBW	3.0 MHZ		٤	Sweep 64	1.93 ms (1	ioun pts)	

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Report No.: LCS181219033AEG

		CS	E Test	Grap	h(s) (C	hanne	el Bano	dwidth:	10 MI	Hz)_M	CH_16	6QAM	
1)(1	RL	RI	nalyzer - Swe F 50 Q 4 79.500 k	<u>⊾⊳⊂</u> (Hz		SEN	SE:INT	Avg Type Avg Hold:	ALIGN OFF	06:15:42 PM TRAC	Dec 25, 2018	Frequency	
	dB/d	Ba	f Offset 10. f 10.58 d	Ph	iO: Wide 🔸	Atten: 22		Avg Hold:		/lkr1 9.7	05 kHz 33 dBm	Auto Tune	
0.68												Center Freq 79.500 kHz	
-9.4	12											Start Freq	
-19.	.4											9.000 kHz	
-29.												Stop Freq 150.000 kHz	
-49.	-										-43.00 dBm	CF Step 14.100 kHz	
-69.												<u>Auto</u> Man	
-69.	.4 Y	TW/Mr.	ngtalla	Mannanya	mm	WWY14_A	and a strally a	he her shares	m hadan hada	m #	a ha	Freq Offset 0 Hz	
	art 9	9.00 kHz	z			. [. DA 1A	ich A. a we	n.n.ld M.D.	יייץ' איזעי Stop 15	^и м _и и и 0.00 кнz		
#R MBG	es E	BW 1.0	KHZ		#VBW	3.0 kHz*			Sweep 1	74.0 ms (' 1 DC Cou	1001 pts)		
L X /	RL	RI	nalyzer - Swe F 50 Ω 4 15.0750				SE:INT	Avg Type Avg Hold:	ALIGN OFF	05:15:48 PM TRAC	Dec 25, 2018	Frequency	
00				P IF	NO: Fast 🔸	#Atten: 10	Run dB	Avg Hold:		lkr1 1.8		Auto Tune	
10 Log		liv Re	f Offset 10. f 10.58 d	Bm						-72.90	08 dBm	Center Freq	
0.68												15.075000 MHz	
-9.4												Start Freq 150.000 kHz	
-29.	.4										-33.00 dBm	Stop Freq	
-39.	.4											30.000000 MHz	
-49.												CF Step 2.985000 MHz <u>Auto</u> Man	
-69.		∳ 1										Freq Offset 0 Hz	
-79.	.4 d u	harder	www.althorne	matterial	Nerritan Write	والمعادرة والمعادية	un and the	MINUM	energy	nauturation	ahuhuanhaha		
		150 kHz BW 10 F				30 kHz*	ы. та айыла <i>н</i> ү			Stop 30 68.3 ms (*			
MSG				nt SA						1 DC Cou			
LX/	RL	RI	nalyzer - Swe F 50 Ω 13.0150	AC 00000 G	NO: Fast 🗝	Trig: Free	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	D6:15:51 PM TRACI TYP DE	Dec 25, 2018	Frequency	
10	dera	Re'	f Offset 9.9 f 30.00 d	IF0 8 dB	Sain:Low	#Atten: 40) dB			(r2 26.0		Auto Tune	
20.		anv ree	. 50.00 a							_0.00		Center Freq	
20.												13.015000000 GHz	
0.0	-0	-										Start Freq 30.000000 MHz	
-10.	_										-13.00 dBm	Stop Freq 26.00000000 GHz	
-20.											2,		
-30.		-	- May	and the starting		and a sufficient stands to and	entry the provide and	an and a second	and the second	and the second	June June	CF Step 2.597000000 GHz <u>Auto</u> Man	
-50.	ſ	-										Freq Offset 0 Hz	
-60.	.0												
Sta #R	art 3 tes E	30 MHz BW 1.0	MHz		#VBW	3.0 MHz	•	s			5.00 GHz 1001 pts)		
MSG									STATUS				

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Report No.: LCS181219033AEG

		CS	E Tes	t Grap	h(s) (C	Channe	el Bano	dwidth	: 10 M	Hz)_H	CH_16	6QAM	
LX/	RL	RI	nalyzer - Swa F 50 Ω / 79.500	L DC			ISE:INT		ALIGN OFF	06:16:27 PM	1Dec 25, 2018	Frequency	
	mer			PI	10: Wide 🔸 Gain:Low	#Atten: 22	Run dB	Avg Type Avg Hold:			E 123456 E MWWWWW T A A A A A A	Auto Tune	
18	dB/di	v Re	f Offset 10. f 10.58 d	58 dB Bm					r	4 vikr1 9.7 -61.6	705 kHz 32 dBm		
0.68												Center Freq 79.500 kHz	
-9.4													
-19												Start Freq 9.000 kHz	
-29													
-39												Stop Freq 150.000 kHz	
-49											-43.00 dBm	CF Step 14.100 kHz	
-69	. 1											14.100 kHz <u>Auto</u> Man	
-69	.4 W	When	AA A									Freq Offset	
-79	.4	4. 1	u ma MAAnd	WWWWW	www.	nalingiting	n MARIAN	aponton				0 Hz	
	L					н ў.	and to d	aha sa hisiasang a	rixed way la fil	አግሥንሳ <u>ዋ</u> ዋን	YNN YWN		
#R	es B	.00 kHz W 1.0	z kHz		#VBW	3.0 kHz*		5	sweep 1	74.0 ms (1001 pts)		
MSC		ectrum Ar	nalyzer - Swe	pt SA					STATUS	1 DC Cou	pled		
LX1	RL	RI	50 Q 15.0750		NO: East	SEN Trig: Free	Bun	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	06:16:32 PM TRAC	IDec 25, 2018 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency	
		_		IÈ	NO: Fast 🔸	#Atten: 10	dB	Avginora.] 1kr1 1.8		Auto Tune	
10 10	dB/di	v Re	f Offset 10. f 10.58 d	58 dB Bm						-71.14	47 dBm		
0.68												Center Freq 15.075000 MHz	
-9.4	12												
-19	.4											Start Freq 150.000 kHz	
-29	.4										22.00 JB-	Stop Freq	
-39	.4										-33.00 dBm	30.000000 MHz	
-49	.4											CF Step 2.985000 MHz	
-69	.4											Auto Man	
-69	.4	● ¹										Freq Offset	
-79		arthe basiness	and the second	hand								0 Hz	
Et.		50 kHz		. L. autoritation	hohadaaa	ernallyallanea	terminition	handerstations	www.	Marking Marking Reference State Stat	ለመራቀ ^ለ ሳትትዋ 0.00 MHz		
		W 10 F				30 kHz*			Sweep 3	68.3 ms (1001 pts)		
Agi	lent Sp	ectrum Ar	nalyzer - Swe	pt SA									
1 8/	R L	R	⁻ 50 Ω 13.0150	AC 00000 G	NO: Fast 🗝	Trig: Free	Run	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	D5:16:36 PM TRAC TYP DE	Dec 25, 2018 E 1 2 3 4 5 6 E MWWWWW	Frequency	
		Pa	f Offset 9.9	IF	Gain:Low	#Atten: 40	dB			kr2 25.6	10 GHz	Auto Tune	
18	aB/di	v Re	f 30.00 d	Bm						-28.60	01 dBm		
20	.0											Center Freq 13.015000000 GHz	
10	.0	^ 1										Start Freg	
0.0												30.000000 MHz	
-10	.0										-13.00 dDm	Stop Freq	
-20	.0											26.00000000 GHz	
-30	.0									provident .	- the star	CF Step 2.59700000 GHz	
-40		- Jow	and and a second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	hanne	and a second and a second s		and the second	al all and a second second			Auto Man	
-50	.0											Freq Offset	
-60												0 Hz	
	L	0.041-								Bton O	6.00.01		
#R	es B	0 MHz W 1.0	MHz		#VBW	3.0 MHz	v	5		4.93 ms (6.00 GHz 1001 pts)		
MSG									STATUS				

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Report No.: LCS181219033AEG

CSE Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK	ζ.
Applicant Spectrum Analyzer Swept SA 00 RL RF 50.0 AbC SENSE:INT Abalian OFF 06:16:50 PMDec 25, 2018	
Center Freq 73.500 KH2 PN0. Mide the Trig: Free Bun AvgiHold: 10/100 Type: Mwwwww	requency
	Auto Tune
	Center Freq 79.500 kHz
-9.42	Start Freq 9.000 kHz
-19.4	Stop Freq
-39.4	150.000 kHz
-49.4 Auto	CF Step 14.100 kHz Man
109.4 Michary Michael Internet	Freq Offset 0 Hz
-69 A -79 A Start 9.00 KHz Start 9.00 KHz	
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)	
MSG STATUS A DC Coupled	
■ PE 50.0 ♠ DC SENSE-INT ▲ ALIGN CEE 06:16:55 DM Dec 25:2019	requency
IFGain:Low #Atten: 10 dB	Auto Tune
	Center Freq 5.075000 MHz
-9.42	Start Freq
	150.000 kHz
-29.4	Stop Freq 0.000000 MHz
-49.4	CF Step 2.985000 MHz Man
-59.4	Freq Offset
-79 4 How was have been been and a set of the set of th	0 Hz
Start 150 kHz Stop 30.00 MHz	
#Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts) MSG STATUS DC Coupled	
Agitan Spectrum Analyzer - Swept SA Jg/ R L	
Center Freq 13.015000000 GHz Avg Type: RMS TRACE 12.3.4.5.6 Fr	requency
iFGaint.tow #Atten: 40 dB DEFIA AAAAAA Ref Offact 9.99 dB	Auto Tune
	Center Freq 5000000 GHz
	Start Freq
	0.000000 MHz
	Stop Freq 0000000 GHz
	CF Step 7000000 GHz Man
	Freq Offset
60.0	0 Hz
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)	
MBG STATUS	

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Report No.: LCS181219033AEG

		C	SE Tes	st Gra	oh(s) (0	Chann	el Bar	ndwidth	n:15 M	Hz)_M	ICH_Q	PSK
134	RL		F 50 Ω	pt SA		SEN	SE:INT		ALIGN OFF	06:17:34 PM	Dec 25, 2018	_
Ce	ente	er Freq	79.500	19	IO: Wide 🔸	Trig: Free #Atten: 22	Run	Avg Type Avg Hold:	RMS 10/100	TRACE TVPI DE		Frequency
18,	dB/	Re div R e	of Offset 10. of 10.58 d		Sain:Low	#Atten: 22	2 00		r	Vlkr1 9.1		Auto Tune
0.68												Center Freq 79.500 kHz
-9.4	12											Start Freq
-19.												9.000 kHz
-29.												Stop Freq 150.000 kHz
-49.	.4										-43.00 dBm	CF Step 14.100 kHz
-69.	.4	- A.M.										<u>Auto</u> Man
-69.	.₄ µî	~ matrix day fil	When when	ywww.	nguthywydy yng	An Ione Ar	LLLES IDALS.	s America				Freq Offset 0 Hz
-79.	4				ot u i di de	and above	aladelluda	KAY "YMpray	harayetingod	YAAMAMA	· · · ·	
Sta #R		9.00 kH BW 1.0				3.0 kHz*			Sweep 1	Stop 15 74.0 ms (1 <u>1</u> DC Cou		
LXI	RL	R	nalyzer - Swe F 50 Q	A DC	1	SEN	SE:INT		ALIGN CEE	06:17:20 PM	Dec 25, 2019	Frequency
Ce	ent		15.0750	P	NO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:				Auto Tune
10 Log	ав/ ^g Г	div Re	f Offset 10. ef 10.58 d	58 dB IBm					IV		93 MHZ 27 dBm	
0.68	×0 –											Center Freq 15.075000 MHz
-9.4												Start Freq
-19.												150.000 kHz
-29.	Ŀ										-33.00 dBm	Stop Freq 30.000000 MHz
-49.	.4											CF Step 2.985000 MHz Auto Man
-69.			♦ ¹	·								Auto Man Freq Offset
-69.	- h		-	ord to be whet		L L						0 Hz
Sta	art	150 kHz		ւ գեր գերեր	nomite pales and		njelwanarmanin.			Stop 30	0.00 MHz	
#R MSG	es	BW 101	kHz		#VBW	30 kHz*				68.3 ms (1	1001 pts)	
1,20	RL	R	nalyzer - Swe F 50 Ω	AC		SEN	SE:INT	4	ALIGN OFF	06:17:43 PM	Dec 25, 2018	Fraguapay
Ce	ente	er Freq	13.0150	00000 G	Hz NO: Fast +++ Sain:Low		Run	Avg Type Avg Hold:	RMS 6/100	06:17:43 PM TRACE TYPE DE	123456 MWWWW TAAAAAA	Frequency
19,	dB/	Re div R e	f Offset 9.9 ef 30.00 d						м	kr2 25.6		Auto Tune
20.												Center Freq 13.015000000 GHz
10.	.0											Start Freq
0.0												30.000000 MHz
-10.											-13.00 dDm	Stop Freq 26.00000000 GHz
-30.										eret and a second	- Man A	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.	.0 7		men and		معرمين معم		adaraha hasan ada	and the second				
-50.												Freq Offset 0 Hz
-60. Ste		30 MHz								Stop 2	3 00 CH-	
Sta #R	es	30 MHZ BW 1.0	MHz		#VBW	3.0 MHz	•		Sweep 6	4.93 ms (1	5.00 GHz 1001 pts)	

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Report No.: LCS181219033AEG

		CS	SE Te	st Gra	ph(s) (Chanr	iel Bar	ndwidtł	n:15 M	Hz)_H	CH_Q	PSK	
	RL	RF	nalyzer - Swo F 50 Q 79.500	A DC		SEM	ISE:INT	Avg Type Avg Hold:	ALIGN OFF	05:18:18 PM	Dec 25, 2018	Frequency	
Ce	nter	Freq	79.500	KHZ Př IFC	10: Wide 🔸 Gain:Low	#Atten: 22	Run dB	Avg Hold:			123456 MWWWWWW TAAAAAA		
10.0	dB/div	v Rei	f Offset 10. f 10.58 c	58 dB IBM					М	kr1 11.6 -62.92	879 kHz 23 dBm	Auto Tune	
0.68												Center Freq	
												79.500 kHz	
-9.4												Start Freq 9.000 kHz	
-19													
-29.												Stop Freq 150.000 kHz	
-49.											-43.00 dBm	CF Step 14.100 kHz	
-49.		1										14.100 kHz Auto Man	
-69.		um.	a									Freq Offset	
-79.	4	· ' ' ' ' '	and the second	MANIAWA	handre	Margaret	Adams	anow a	A 10. A	A. 1	1 1 1 1	0 Hz	
						יע ייין וי	• ግርካ 1994 ዓ	hornann	ፙレ ^ኯ የናጭእሳ	n nunvanna	WWWW		
#R	es Bl	00 kHz W 1.0				3.0 kHz*			Sweep 1	74.0 ms (*	1001 pts)		
MSG	-	etrum t	nalyzas e-	ant SA				_	STATUS	1 DC Cou	pled		
LXI I	RL	RF	nalyzer - Swe F 50 Ω 15.0750	<u>≜</u> ∞ 00 MHz		SEM	ISE:INT	Avg Type Avg Hold:	ALIGN OFF	06:18:24 PM TRACI	Dec 25, 2018	Frequency	
				P) IF(NO: Fast 🔸	#Atten: 10	dB	Avginold:		تنبي 1kr1 5.4	93 MHz	Auto Tune	
10 c	dB/div	v Ret	f Offset 10. f 10.58 c	68 dB IBM						-64.1	I4 dBm		
0.68												Center Freq 15.075000 MHz	
-9.4	2											·	
-19.	4											Start Freq 150.000 kHz	
-29.	4										-33.00 dBm	Stop Freq	
-39.	4											30.000000 MHz	
-49.	4											CF Step 2.985000 MHz	
-69.	4		• 1									Auto Man	
-69.	4											Freq Offset 0 Hz	
-79.	4 http	dalahah	W. H. M. W. H. H.	and the second	white when the	through a second	م است.	herforly-herbert	No. Longer	h			
Sta	art 15	50 kHz					**********	hereford for a state of the second	y inder dissorting the second	Stop 30	ምሳሳም አምንአም 0.00 MHz		
#R(es Bl	W 10 K	(Hz		#VBW	30 kHz*		5	Sweep 3		1001 pts)		
Agit	ent Spe	ectrum Ar	nalyzer - Swe	pt SA			1045 B 105						
Ce	nter	Freq	13.0150	AC 000000 G	NO: Fast 🗝	. Trig: Free	Run	Avg Type Avg Hold:	: RMS 6/100	06:18:27 PM TRACI TVP DE	Dec 25, 2018 1 2 3 4 5 6 MMMMMM T A A A A A A	Frequency	
		Ret	f Offset 9.9	8 dB	Gain:Low	#Atten: 40				(r2 25.7		Auto Tune	
	dB/div	v Re	f 30.00 c	IBM						-20.40		Center Freq	
20.	.0	_										13.015000000 GHz	
10.	.0	\rightarrow										Start Freq	
0.0	0											30.000000 MHz	
-10.0	•										-13.00 dBm	Stop Freq 26.000000000 GHz	
-20.0	•										2	1	
-30.0	0							more and	manner	~~ a ^{ltra} l ^{tra} ltra _t _ora	and mouth	CF Step 2.597000000 GHz <u>Auto</u> Man	
-40.0	•~~	and here	and the second	an are with the second		Class and a strange of the	and the second						
-50.0	0											Freq Offset 0 Hz	
-60.0	0												
Sta #P	art 30	0 MHz W 1.0	MHZ	1	#\/B\A	3.0 MHz	v		Sweep 64	Stop 20	5.00 GHz		
#RC MSG		1.0			#VDW	5.0 WHZ			Sweep 6		.sorpts)		

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Report No.: LCS181219033AEG

		CS	SE Tes	t Grap	oh(s) (0	Channe	el Ban	dwidth	:15 Mł	Hz)_LC	CH_16	QAM
Agite	ent S RL	Spectrum Ar	alyzer - Swe	pt SA		CPA	SE-INT		ALIGN CEE	06:17:19 544	Dec 25, 2010	
Cei	nte	er Freq	79.500	P	10: Wide	Trig: Free	Run	Avg Type: Avg Hold:	RMS 10/100	TRACE TYPE	Dec 25, 2018 1 2 3 4 5 6 MMMMMM A A A A A A	Frequency
10 5	dB/d	Rei div Re	f Offset 10. f 10.58 d	1F 58 dB	Gain:Low	#Atten: 28	dB			1kr1 9.2		Auto Tune
												Center Freq
0.680												79.500 kHz
-9.42												Start Freq 9.000 kHz
-29.4	4											Stop Freq
-39,4												150.000 kHz
-49.4											-43.00 dBm	CF Step
-59.4	° • •	.										14.100 kHz Auto Man
	Ĩ	www	marchan	1 data at ha								Freq Offset
-69.4	4		ារបណ្ដ	Andar Aber Per by	when when	$\omega \phi^{\dagger} m^{\dagger} \psi^{\dagger} W$	$\lambda_{\mu} \gamma_{\mu} \gamma_{\lambda} \gamma_{\mu} \gamma_{\mu$	without	Wmparlan	Anna mar	Mryn_w	0 Hz
-79.4	4								1 . Bla 4.	v r v v v	- have to	
Sta #B	arts	9.00 kHz BW 1.0	2			3.0 kHz*			Sweep 17	Stop 15	0.00 kHz	
#RG MSG		500 1.01	N/12		#VBW	3.0 KHZ*				4.0 ms (1		
LXI F	RL	RE	nalyzer - Swe = 50 ຊຸ	NDC		SEN	ISE:INT	A	ALIGN OFF	06:17:18 PM	Dec 25, 2018	
Ce	nte	er Freq	15.0750		NO: Fast 🔸	1	Run	Avg Type: Avg Hold:	RMS 9/100	06:17:18 PM TRACE TYPE DEI	123456 MWWWWW AAAAAA	Frequency
10 c	dB/c	Rei div R e	f Offset 10. f 10.58 d	58 dB	sain:Low	Pricen. 10				kr1 5.49		Auto Tune
												Center Freq
0.580												15.075000 MHz
-9.40												Start Freq
-19,4	4											150.000 kHz
-29.4	4										-33.00 dDm	Stop Freq
-39,4	4											30.000000 MHz
-49,4	4											CF Step 2.985000 MHz
-69.4	4		<u></u> 1									<u>Auto</u> Man
-69.4	4			- 1								Freq Offset 0 Hz
-79.4	.4 H.	www.	apportage what	Milliam mode	n Josten - L. J	ı.						
	L	160		-Annalist Inclusio	normalination	holyenite	nertensionerstration	ntholowerthat	ومهموهيروه ليعيروه	winnin daylight	h).duranya	
#Re	esi	150 kHz BW 10 k				30 kHz*			Sweep 36	8.3 ms (1	1001 pts)	
MSG								_	STATUS	L DC Cou	pled	
LXI F	RL	RF	າalyzer - Swe = 50 ຊ 13.0150		Hz	SEN	ISE:INT	Avg Type: Avg Hold:	ALIGN OFF	06:17:22 PM TRACE	Dec 25, 2018	Frequency
				P	NO: Fast ++- Gain:Low	^J Trig: Free #Atten: 40	Run dB	Avg Hold:			123456 MWWWWW AAAAAA	Auto Tune
10 c	dB/d	Ret div Re	f Offset 9.9 f 30.00 d	B dB Bm					Mk	r2 25.60 -28.33	88 GHz 31 dBm	
20.0	.0											Center Freq 13.015000000 GHz
10.0												
0.0		\ 										Start Freq 30.000000 MHz
-10.0												
											-13.00 dDm	Stop Freq 26.00000000 GHz
-20.0											. ≩	CF Step
-30.0			Lastan.	n Manta-			and the second	m	mann	and a second	and the for the	2.597000000 GHz Auto Man
-40.0	r	and and and	and the second s		an your man	the address of the other states of the						
-50.0	0											Freq Offset 0 Hz
-60.0	0											
Sta	art :	30 MHz					<u> </u>			Stop 26	5.00 GHz	
#Re MSG	esl	BW 1.0	MHz		#VBW	3.0 MHz*	v	S	Sweep 64	.93 ms (1	1001 pts)	

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Report No.: LCS181219033AEG

		CS	E Test	Grap	h(s) (C	Channe	el Ban	dwidth	:15 Mł	Hz)_M	CH_16	QAM	
LX/ P	RL	RE	alyzer - Swej 50 Ω ⊿	VDC			ISE:INT		ALIGN OFF	06:17:55 PM	1Dec 25, 2018	Frequency	
		Ref	0ffset 10.6	PN IFC	IO: Wide ↔ Sain:Low	Trig: Free #Atten: 22	Run dB	Avg Type Avg Hold:		Vikr1 9.8	46 kHz	Auto Tune	
10 g 0.580	B/div	Ret	' 10.58 d	вm						-00.40		Center Freq 79.500 kHz	
-9.42	2											Start Freq 9.000 kHz	
-19.4	1											Stop Freq	
-39.4											-43.00 dBm	150.000 kHz CF Step 14.100 kHz	
-59.4	1 Mina											<u>Auto</u> Man	
-69,4 -79,4		lin an air an	httphyda	Whonwhyl	My My My My My	www.why	on the white	LondArw	when Anthe	//////////////////////////////////////	Manahai	Freq Offset 0 Hz	
Sta #Re	rt 9.00 es BW					3.0 kHz*				Stop 15 74.0 ms (1			
MSG	nt Spect		alyzer - Swej	ot SA		CP4	SE-INT!		STATUS	🔔 DC Cou			
			15.0750	PI	NO: Fast 🔸 Sain:Low	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold:	9/100		E 1 2 3 4 5 6 E MWWWW T A A A A A A	Frequency Auto Tune	
	B/div	Ref Ref	Offset 10.6 * 10.58 d	8 dB Bm						-67.81	18 dBm	Center Freq	
0.680	2											15.075000 MHz Start Freg	
-19.4 -29.4												150.000 kHz	
-29.4 -39.4	1										-33.00 dBm	Stop Freq 30.000000 MHz	
-49.4	1											CF Step 2.985000 MHz <u>Auto</u> Man	
-69.4		 		¹								Freq Offset 0 Hz	
-79.4 Sta	rt 150	KHZ		www.white			handar falldaran				0.00 MHZ		
#Re 	es BW	10 k			#VBW	30 kHz*		•		68.3 ms (1	1001 pts)		
LXI P	RL .	RE	13.0150	AC 00000 G	Hz NO: Fast ↔ Sain:Low	SEN Trig: Free #Atten: 40	Run dB	Avg Type Avg Hold:		D6:18:04 PM TRACE TYPE DE		Frequency	
10 g	IB/div	Ref Ref	Offset 9.98 30.00 d	dB						kr2 25.9 -28.58		Auto Tune	
20.0		1										Center Freq 13.015000000 GHz	
0.00		\square										Start Freq 30.000000 MHz	
-10.0)										-13.00 dDm	Stop Freq 26.00000000 GHz	
-30.0				1			- frankan han franker ward	~~~~	-And and a start of the	er and a second	2. mathing and	CF Step 2.597000000 GHz <u>Auto</u> Man	
-40.0					1949,	hilling and the second second						Freq Offset 0 Hz	
-60.0													
Sta #Re MBG	rt 30 l es BW	MHZ 1.0 N	ИНz		#VBW	3.0 MHz'	N	8	Sweep 6	Stop 26 4.93 ms (1	6.00 GHz 1001 pts)		

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Report No.: LCS181219033AEG

	CS	SE Test	Graph	n(s) (C	hanne	el Ban	dwidth	:15 Mł	Hz)_H	CH_16	QAM	
LXI R	L RI	nalyzer - Swep F 50 Ω ▲ 79.500 k			SEN	SE:INT	Avg Type Avg[Hold:	ALIGN OFF	05:18:39 PM TRAC	Dec 25, 2018	Frequency	
	Re	f Offset 10.5	PNO IFGa 3 dB	:Wide iin:Low	Trig: Free #Atten: 22	Run 2 dB	Avg Hold:		kr1 10.6	92 kHz	Auto Tune	
0.680	B/div Re										Center Freq 79.500 kHz	
-9.42											Start Freq 9.000 kHz	
-19.4											Stop Freq	
-39.4										-43.00 dBm	150.000 kHz CF Step	
-69.4	1										14.100 kHz <u>Auto</u> Man	
-69.4 -79.4	W/Loruhym	Muturhy	will when	mmu	handhara	MANN	MARA	nn. AnnA A	ant. A.A	h plan a h h h h	Freq Offset 0 Hz	
Sta	1 9.00 kHz s BW 1.0			#VRW	3.0 kHz*	YUT YU		₩₩₩₩ \$weep 1:				
MSG Agile	nt Spectrum Ar	nalyzer - Swep	SA		-10 ATE			STATUS	🚹 DC Cou	pled		
L XI R	L RI	50 ♀ <u>4</u> 15.07500		D: Fast 🔸		BRUN BRUN BRUN	Avg Type Avg Hold:	9/100	TRACI TYP DE	Dec 25, 2018 1 2 3 4 5 6 MMMMMM T A A A A A A	Frequency	
10 d Log	B/div Re	f Offset 10.5 of 10.58 dE	3 dB Sm					N	kr1 5.4 -65.70	93 MHz 07 dBm	Auto Tune Center Freq	
0.680											Center Freq 15.075000 MHz	
-19.4											Start Freq 150.000 kHz	
-29.4 -39.4										-33.00 dBm	Stop Freq 30.000000 MHz	
-49.4											CF Step 2.986000 MHz Auto Man	
-69.4											Freq Offset 0 Hz	
-79.4	oherwertethefyd	helfonicardeneligideraciya	mathylinoverlap	herror frank	hunnangen	(Munhainmenalalah	ซูน์ _เ ราสถางการถูก	netwanter of the party	nglfithperson(v/savind)	water		
Star #Re MSG	1 150 kHz sBW 10 k				30 kHz*			Sweep 3		1001 pts)		
IXI B	L RI	nalyzer - Swep F 50 Ω 13.01500		lz D:Fast ↔→	SEN	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	05:18:49 PM TRACI TYP DE	Dec 25, 2018	Frequency	
10,4	Re B/div Re	f Offset 9.98 f 30.00 dE		D: Fast ↔ in:Low	#Atten: 40) dB				00 GHz 50 dBm	Auto Tune	
20.0											Center Freq 13.015000000 GHz	
10.0											Start Freq 30.000000 MHz	
-10.0										-13.00 dBm	Stop Freq 26.000000000 GHz	
-20.0								الدين باسع	and and a contraction	2 	CF Step 2.597000000 GHz	
-40.0	· ····	hanna an	Further and the	*****	ويعقون والمحمود مرير والمقا	ware and and	n ve				Freq Offset	
-50.0											0 Hz	
	1 30 MHz sBW 1.0	MHz		#VBW	3.0 MHz*	•	<u>ا</u>	Sweep 64		5.00 GHz 1001 pts)		
MSG								STATUS				

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Report No.: LCS181219033AEG

		C	SE Te	st Gra	ph(s) (Chanr	nel Bar	ndwidtl	h:20 N	1Hz)_L	CH_Q	PSK
(X)	RL	RF	1alyzer - Swe 50 Ω 79.500	kHz	I	SEN	ISE:INT	Avg Type Avg Hold:	ALIGN OFF	06:19:02 PM TRAC	Dec 25, 2018	Frequency
	dB/	Re	f Offset 10. f 10.58 c	PN IFC 58 dB	iO: Wide ↔ Sain:Low	Trig: Free #Atten: 22	Run dB	Avg Hold:		Vikr1 9.2	282 kHz 0 dBm	Auto Tune
0.58												Center Freq 79.500 kHz
-9.4												Start Freq 9.000 kHz
-29	.4 -											Stop Freq 150.000 kHz
-39 -49	Ŀ										-43.00 dBm	CF Step 14.100 kHz
-69	.4	1 Maria										Auto Man Freq Offset
-69 -79	.4 -	լեւե.լ	^{Yh} WyγhWyγh	MULMANN	hullennarra	MMYARA	MAN MAN	n Avitan	hy Annana M	unununu	malanda	0 Hz
#R	les	9.00 kHz BW 1.0	2			3.0 kHz*			Sweep 1	Stop 15 74.0 ms (*	0.00 kHz 1001 pts)	
MSG	i lent i	Spectrum Ar	alyzer - Swe	ept SA					STATUS	1 DC Cou	pled	
<mark>ж</mark> Се	ent	er Freq	15.0750	<u>A</u> ⊠ 00 MHz PI	NO:Fast 🔸		Run	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	06:19:08 PM TRACI TYP	Dec 25, 2018 1 2 3 4 5 6 MWWWWWW T A A A A A A	Frequency
19.	dB/	Rei div Re	f Offset 10. f 10.58 c	1F0 .58 dB	Sain:Low	#Atten: 10	dB			1kr1 4.7		Auto Tune
0.68												Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-29											-33.00 dBm	Stop Freq 30.000000 MHz
-39												CF Step
-69												2.985000 MHz <u>Auto</u> Man
-69	· · ·		•1				1					Freq Offset 0 Hz
		150 kHz	varwahitikatilisis	ladia di persona di pers	ትµካት«ሐካ።ዙኆ _ግ ዱላ	nalthaullygea	W. Wardshill	h fratinations	Annal-Apparte	wy,dwydyw Stop 30	on-Halenhalan D.00 MHz	
#R MSG	les	BW 10 k	Hz		#VBW	30 kHz*				68.3 ms (1001 pts)	
Agi	lent I	Spectrum Ar	nalyzer - Swo	pt SA		CT.	Notes and the		IL ICIL OFF	06-10-12 04	Dec 25, 2010	
Ce	ent	er Freq	13.0150	00000 G	iHz NO: Fast ↔ Sain:Low	Trig: Free	Run	Avg Type Avg Hold:	: RMS 6/100	06:19:12 PM TRACI TVP DE	1 2 3 4 5 6 MMMMMM	Frequency
19	dB/ ^g Г	Rei div Re	f Offset 9.9 f 30.00 c		Sain:Low	#Atten: 40	dB			kr2 25.7 -28.33		Auto Tune
20												Center Freq 13.015000000 GHz
10		^1										Start Freq 30.000000 MHz
-10											-13.00 dDm	Stop Freq
-20											ð	26.00000000 GHz
-30		and and a second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	e	-		and a supervised	and the second	and the second		word way a freed	2.597000000 GHz Auto Man
-60												Freq Offset 0 Hz
-60 Stt		30 MHz								Stop 2	5.00 GHz	
Sta #R	les	30 MHZ BW 1.0	MHz		#VBW	3.0 MHz	v	5	Sweep 6	Stop 20 4.93 ms (*	1001 pts)	
Mod									311100			

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Report No.: LCS181219033AEG

		CS	SE Tes	st Gra	oh(s) (Chann	el Bar	dwidth	n:20 N	IHz)_M	ICH_Q	PSK
LXI	RL	RF	alyzer - Swe 50 ຊຸ	L DC		SEN	SE:INT	A	ALIGN OFF	06:19:45 PM	Dec 25, 2018	Frequency
		Ref	79.500 i Offset 10. f 10.58 d	Ph	IO: Wide ↔ Sain:Low	Trig: Free #Atten: 22	Run dB	Avg Type: Avg Hold:		Mkr1 9.0	000 kHz	Auto Tune
L O , 0.56			. 10.00 0									Center Freq 79.500 kHz
-9.4												Start Freq 9.000 kHz
-29.												Stop Freq 150.000 kHz
-49.	.4										-43.00 dBm	CF Step 14.100 kHz <u>Auto</u> Man
-69.		Mungang	Antonio	n han h	a where t	A. A.B						Freq Offset 0 Hz
-79. Str	.4).00 kHz			n Au Ar	/\n _m /4/hump	~hydp*taff	www.	Ur war w	MM Month	MMvv/Mp./v 0.00 кнz	
#R MSG	les E	3W 1.0 I	KHZ			3.0 kHz*		8	Sweep 1	74.0 ms (1	1001 pts)	
LXI	RL	RF	15.0750		NO: Fast 🔸	SEN	SE:INT	Avg Type: Avg Hold:	ALIGN OFF RMS 9/100	06:19:51 PM TRACE TYP	Dec 25, 2018 1 2 3 4 5 6 M M A A A A A	Frequency
10	dB/d	Ref liv R ef	'Offset 10. f 10.58 d	160	NO: Fast ↔ Sain:Low	#Atten: 10	dB	an almond: 1		/kr1 2.3		Auto Tune
0.66												Center Freq 15.075000 MHz
-9.4												Start Freq 150.000 kHz
-29.											-33.00 dBm	Stop Freq 30.000000 MHz
-49	.4											CF Step 2.985000 MHz <u>Auto</u> Man
-69.	.4	•1				1						Freq Offset 0 Hz
.79. Sta	.4 k	и 150 кнz	North Alternation	n hadddoladd	www.hit.hi	Manyford Mindel	www.hiley.on	^{୲୶} Ϩ୶ [ୗ] ୶ୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠୠ	litertracking to a state of the	Auduluuhahali Stop 30	udialharradupti D.00 MHz	
#R MSG	es E	3W 10 k	Hz		#VBW	30 kHz*		s		68.3 ms (1	1001 pts)	
LXI	RL	RF	alyzer - Swe 50 Ω 13.0150		Hz		SE:INT	Avg Type: Avg Hold:	ALIGN OFF	D6:19:54 PM TRACE TYPE DE	Dec 25, 2018	Frequency
		Ref	Offset 9.9	Pi IFC 8 dB	NO: Fast ↔ Sain:Low	Atten: 40	Run dB	Avg Hold:		kr2 25.6		Auto Tune
20												Center Freq 13.015000000 GHz
10												Start Freq 30.000000 MHz
-10.											-13.00 dDm	Stop Freq 26.00000000 GHz
-30.	.0						and a second	ward and	محمدين	water	and a start	CF Step 2.597000000 GHz <u>Auto</u> Man
-40. -50.	Ĩ	man last	" Land	an and the second s	33 36	to a fair of the second se						Freq Offset 0 Hz
-60.	.0											
#R	es E	80 MHz 3W 1.0 I	MHz		#VBW	3.0 MHz	,	s		4.93 ms (1	5.00 GHz 1001 pts)	
MSG	1								STATUS	5		

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Report No.: LCS181219033AEG

		CS	SE Tes	st Grap	oh(s) (Chann	iel Bar	ndwidth	n:20 M	Hz)_H	CH_Q	PSK
			alyzer - Swe									
Cei	nte	er Freq	79.500	Hz PN	O:Wide	Trig: Free	Run	Avg Type: Avg Hold:	RMS 10/100	D5:20:37 PM TRACE	Dec 25, 2018	Frequency
10 0	dB/c	Rei div R e	/ Offset 10. f 10.58 d	IFO	ain:Low	#Atten: 28	dB			⊳≞ 4r1 10.4 -57.15		Auto Tune
0.680												Center Freq 79.500 kHz
-9.42	2											Start Freq
-19,4	4 —											9.000 kHz
-29.4 -39.4												Stop Freq 150.000 kHz
-49.4	4	1									-43.00 dBm	CF Step 14.100 kHz
-69.4	4 Å	MANNA	n									<u>Auto</u> Man
-69, -79,	4		. Л. Ллылд	ትጭሥህ ንብንቃ	manthal	wwww	Mydydynyw	$\psi \gamma \psi \gamma \gamma$	WWWW	www.	hupphan	Freq Offset 0 Hz
		9.00 kHz								Stop 15	0.00 kHz	
#Re MBG	esl	BW 1.0	kHz		#VBW	3.0 kHz*		5		74.0 ms (1	001 pts)	
LXI F	RL	RF	alyzer - Swe :	LDC			ISE:INT	Avg Type: Avg Hold:	ALIGN OFF	05:20:42 PM TRACE	Dec 25, 2018	Frequency
		Ret	f 10.58 d	PI	IO: Fast ↔ Gain:Low	f Trig: Free #Atten: 10	Run I dB	Avg Hold:		lkr1 2 3	59 MHz 3 dBm	Auto Tune
10g 0.680		arv Ke	10.58 C	511						. 0.07		Center Freq 15.075000 MHz
-9.42												Start Freq
-19,4												150.000 kHz
-29.4											-33.00 dBm	Stop Freq 30.000000 MHz
-49,4												CF Step 2.985000 MHz
-69.4		▲1										<u>Auto</u> Man
-69. -79.	- lu		antick have	Wahlatan	u na atta		.1					Freq Offset 0 Hz
Sta	art '	150 kHz		· · · · · · · · · · · · · · · · · · ·			<mark>ት⁷ቅንማምት-ዲያኒት</mark> ቆይቂ	and the state of the second	Up/Naphewyre.in.a	հայություն Stop 30	/ዛት .00 MHz	
#Re MSG	esl	BW 10 k	Hz		#VBW	30 kHz*		s		68.3 ms (1	001 pts)	
LXI F	RL	RF	alyzer - Swe : 50 ລ 13,0150	pt SA AC 00000 G	Hz	SEN	ISE:INT		ALIGN OFF	06:20:46 PM	Dec 25, 2018	Frequency
Ce	ante			PI	HZ 10: Fast ++- Sain:Low	Trig: Free #Atten: 40	Run dB	Avg Type: Avg Hold:		type oei (r2 25.60	123456 A A A A A A	Auto Tune
10 c Log		div Re	f 30.00 d	Bm						-28.80	6 dBm	Center Freq
20.0		1										13.015000000 GHz
0.0		- Ŷ.										Start Freq 30.000000 MHz
-10.0	.0										-13.00 dBm	Stop Freq
-20.0											ê	26.00000000 GHz
-30.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	the the management of the			anget adapted	······	m	*****	munt	2.597000000 GHz Auto Man
-60.0	Ľ											Freq Offset 0 Hz
-60.0	.0											
Sta #Re	es I	30 MHz BW 1.0	MHz		#VBW	3.0 MHz*	v	5	Sweep 64	4.93 ms (1	6.00 GHz 001 pts)	
MSG									STATUS			

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Report No.: LCS181219033AEG

		CS	SE Tes	t Grap	h(s) (0	Channe	el Ban	dwidth	:20 M	Hz)_LC	CH_16	QAM
LXI F	RL	RF	alyzer - Swe : 50 Ω ∠ 79.500 k			SEN	SE:INT	Avg Type	ALIGN OFF	06:19:24 PM TRACE	Dec 25, 2018 1 2 3 4 5 6 MWWWWW A A A A A A	Frequency
-	dB/d	Ref	79.500 P Offset 10.0 f 10.58 d	PN IFG 58 dB	O: Wide 🔸	Trig: Free #Atten: 22	Run dB	Avg Type Avg Hold:		kr1 11.5		Auto Tune
0.580												Center Freq 79.500 kHz
-9.42												Start Freq 9.000 kHz
-29.4												Stop Freq 150.000 kHz
-39.4											-43.00 dBm	CF Step 14.100 kHz Auto Man
-69.4		MMMU.	tollow it at	4								Auto Man Freq Offset 0 Hz
-79.4	.4 —	- 1	իսիստերձ	www.youh	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	WANDAA	harport	the work with	Arlewaker	My/My/My	MMVMMM	0 Hz
Sta #Re	es E	9.00 kHz 3W 1.0 I	kHz		#VBW	3.0 kHz*		:	Sweep 1	Stop 15 74.0 ms (1 1 DC Cou	1001 pts)	
LXI F	ent Sp RL ente	RF		N¤ 00 MHz	IO: Fast ↔►	1	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	06:19:30 PM TRACE TYPE	Dec 25, 2018	Frequency
10.8	dB/d	Ref liv Re	f 0ffset 10. f 10.58 d	IFG	iain:Low	Trig: Free #Atten: 10	dB			lkr1 4.7 [.]		Auto Tune
0.680												Center Freq 15.075000 MHz
-9.42												Start Freq 150.000 kHz
-29.4											-33.00 dBm	Stop Freq 30.000000 MHz
-49,4												CF Step 2.985000 MHz Auto Man
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-79.4	4	hhertilling	rnhadurraha	.celagoullato.framag	1. Maria	medinentia	Mariana	เ ติสุกัญป ะสะสุบาร์	nt have been and the	ernikleterprosike	shyhyhyhyyvystit	
Sta #Re M8G	art 1 .es E	150 kHz 3W 10 k				30 kHz*			Sweep 3	Stop 30 68.3 ms (1 1 DC Cou	0.00 MHz 1001 pts)	
LXI F	RL	RF	alyzer - Swe : 50 ຂ 13.0150		Hz IO: Fast ↔ ain:Low	SEN	SE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 6/100	D5:19:33 PM TRACE TYPE DE1	Dec 25, 2018	Frequency
10 g	dB/d	Ref liv Re	/ Offset 9.9 f 30.00 d		ain:Low	#Atten: 40	dB			r2 25.7 -28.85		Auto Tune
20.0	.0]	Center Freq 13.015000000 GHz
10.0												Start Freq 30.000000 MHz
-10.0											-13.00 dDm	Stop Freq 26.000000000 GHz
-30.0								~~~.~~	معامدہ م		- Man A	CF Step 2.597000000 GHz Auto Man
-40.0	~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and a second	**************************************	and and a second se		-0-				Freq Offset
-60.0												
Sta #Re		30 MHz 3W 1.0	MHz		#VBW	3.0 MHz*		;	Sweep 6	Stop 26 4.93 ms (1	5.00 GHz 1001 pts)	

Report No.: LCS181219033AEG

Auto Turn Auto Turn Auto Turn 1000000000000000000000000000000000000			CS	E Tes	t Grap	h(s) (C	Channe	el Ban	dwidth	:20 MI	Hz)_M	CH_16	QAM
In Control of Balance 30 and the stand of the stand o		RL	RE	= 50 Q	N DC		SEN	SE:INT	Aug T	ALIGN OFF	06:20:10 PM	Dec 25, 2018	Frequency
Image: Second			Re		PN	O: Wide 🔸 iain:Low	Trig: Free #Atten: 28	Run dB	Avg Type Avg Hold:		Mkr1 9.0	00 kHz	
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and and <td></td>													
do 4 1 0.0000 0.0000 do 4 0.0000 0.0000 0.0000 0.0000 do 4 0.0000 0.0000 0.0000 0.0000 0.0000 do 4 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 do 5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 do 5 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.00000000 0.00000000 0.000000000 0.00000000 0													
02 04 <td< td=""><td></td><td>9.4</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>14.100 kHz</td></td<>		9.4	1										14.100 kHz
Bian's doo Hitz #VEW 3.0 KH2 Steep 174.0 ms (100 pts) Marker 10.0 KHz #VEW 3.0 KH2 Weep 174.0 ms (100 pts) Marker 10.0 KHz #VEW 3.0 KH2 Marker 10 (100 KH2 Center Freq 10.5 Solution Marker 10 (100 KH2 Marker 10 (100 KH2 Ref Office 10.5 Solution Marker 10 (100 KH2 Marker 10 (100 KH2 0 add add add add add add add add add ad		9.4 d	hondymy	Malanya	whyershape	www.	. two to al	1 45 5					Freq Offset
Rece DW 1.0 kHz #VBW 3.0 kHz Sweep 174.0 ms dot Coupled Main Summarian Autors Sweep 174.0 ms dot Coupled Main Summarian Autors Sweep 174.0 ms dot Coupled Main Summarian Autors Sweep 174.0 ms dot Coupled Ref Office 10.08 dB Micr 12.859 MHz Ref 10.58 dB Micr 12.859 MHz Ref 10.58 dB Micr 12.859 MHz Start Freq 1.0 ms dot Micr 12.859 MHz Start T50 MHz 8400 Micr 12.8500 MHz Start T50 MHz 8400 Micr 12.8500 MHz Micr 12.850 Micr 12.8000 MHz 1.0 ms dot Micr 12.8500 MHz Start T50 MHz 8400 Micr 12.8500 MHz Micr 12.8000 MHz 1.0 ms dot Micr 12.8000 MHz Start T50 MHz 8400 Micr 12.8000 MHz Start T50 MHz 1.0 ms dot Micr 12.8000 MHz Micr 12.8000 MHz 1.0 ms dot Micr 12.8000 MHz </td <td>-75</td> <td>9.4 -</td> <td></td> <td></td> <td></td> <td>ւմ ահա</td> <td>w. nw.h.</td> <td>which</td> <td>www.ph</td> <td>WANNIN</td> <td>MARAN</td> <td>Manghalin</td> <td>0 Hz</td>	-75	9.4 -				ւմ ահա	w. nw.h.	which	www.ph	WANNIN	MARAN	Manghalin	0 Hz
Market registion 1000 registion August registion Market registion Frequency August registion Ref Offset 10.68 dBm Trig Free Run Mikri 2.359 MHz August registion Commer Freq 10.09 dBm Ref 10.38 dBm Center Freq 16.09 dBm Mikri 2.359 MHz August registion Commer Freq 10.09 dBm Ref 10.38 dBm Center Freq 16.09 dBm Center Freq 16.075000 MHz Estart Freq 16.075000 MHz Commer Freq 10.09 dBm Ref 10.38 dBm Ref 10.48 dBm Stop Freq 30.000 MHz Stop Freq 30.0000 MHz Commer Freq 10.09 dBm Ref 10.48 dBm Ref 10.48 dBm Stop Freq 30.0000 MHz Stop Freq 30.0000 MHz Start 150 KHz RVBW 30 MHz RVBW 30 MHz Stop Freq 30.0000 MHz Frequency Mark Ref 01.300000 OHz Ref 01.000 MHz Ref 01.000 MHz Ref 01.000 MHz Start 150 KHz RVBW 30 MHz Ref 01.000 MHz Ref 01.000 MHz Ref 01.000 MHz Center Freq 13.015000000 OHz Ref 01.000 MHz Ref 01.000 MHz Ref 01.000 MHz Ref 01.000 MHz Start 150 KHz Ref 01.000 MHz	#F	Res	9.00 kHz BW 1.0	z kHz		#VBW	3.0 kHz*				74.0 ms (1	1001 pts)	
If Gas Low Auto Ture 10 g Budit Ref 10.58 (Bm) 10 g Budit Ref 10.50 (Bm) 10 g Budit	LX/	RL	RF	= 50 Ω /	N⊠ 00 MHz P	IQ: Fast ↔	SEN	BE:INT	Avg Type Avg Hold:	ALIGN OFF RMS 9/100	05:20:17 PM TRACE TYP	Dec 25, 2018	Frequency
0.00 0.00	19	dB	Rei /div Re	f Offset 10. f 10.58 d	⊪∈ 58 dB	iain:Low	#Atten: 10	dB			/kr1 2.3	59 MHz	Auto Tune
194 1		-											
49.4 49.4												-33.00 dBm	Stop Freq 30.000000 MHz
68 4													2.985000 MHz
Stop 30.00 MHz Provide Coupled			• ¹										Freq Offset
Stop 30.00 MHz Mage Stop 30.00 MHz Stop 30.00 MHz Frequency Added to the stop of t		9.4 h	www.	when the second	#fyha4M#ffth#	unnuliyolyyllyn	whitherpologyme	4 monthship	herkheisenskiperen	lo-olliseration	اراغهارماريانهوم وعمر	turi,tant	
Ret Bit Bit <td>#F</td> <td>tart Res</td> <td>150 kHz</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sweep 3</td> <td>Stop 30 68.3 ms (1</td> <td>0.00 MHz 1001 pts)</td> <td></td>	#F	tart Res	150 kHz							Sweep 3	Stop 30 68.3 ms (1	0.00 MHz 1001 pts)	
Ref Offset 9 96 dB Mkr2 25.740 GHz -28.299 dBm Auto Tune 00	LX/	RL	RF	= 50 Ω	AC	Hz			Avg Type	ALIGN OFF	06:20:21 PM	Dec 25, 2018	Frequency
Commentation Commentation Commentation Commentation 200 100 100 100 100 100 100 100 100 100 100 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100 100 200 100 100 100			Re	f Offset 9.9	Pr IFC B dB	IO: Fast	Trig: Free #Atten: 40	Run dB	Avg Hold:		kr2 25.74	40 GHz	Auto Tune
0.000 Image: constraint of the second se													
300 300 <td></td> <td></td> <td>\uparrow¹</td> <td></td>			\uparrow ¹										
300 CF Step 400												-13.00 dBm	
400 400 400 400 400 400 400 400 400 Freq Offset 0 Hz 600 0 Hz 600 <									norman -			- how a	CF Step 2.597000000 GHz
-60.0		ľ	and the second second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	استعوید, منطقته و ا	and the second	and a second					Freq Offset
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)													0 Hz
	#F	Res	30 MHz BW 1.0	MHz		#VBW	3.0 MHz*				4.93 ms (1	5.00 GHz 1001 pts)	

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CSE Test Graph(s) (Channel Bandwidt	n:20 MHz)_HCH_16QAM
Agilent Spectrum Analyzer - Swept SA	● ALICALOE 06:00:50 PMDer 25: 2019.
Center Freq 79.500 kHz PR0: Wide +++ Trig: Free Run Avg Hei IFGaint.ow #Atten: 22 dB	UEI IO O O O O O
Ref Offset 10.58 dB	-59.899 dBm
0.680	Center Freq 79.500 kHz
-9.42	Start Freq
-19.4	9.000 kHz
-23.4	Stop Freq 150.000 kHz
-49.4	
-59.4 M	<u>Auto</u> Man
-69.4 1 WWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	Freq Offset 0 Hz
. 69 4 WWWWW mpany multice of a non-the solar and the sola	An mar water from the second of the second o
#Res BW 1.0 kHz #VBW 3.0 kHz*	Stop 150.00 kHz Sweep 174.0 ms (1001 pts) stratus & DC Coupled
MBG Aglient Spectrum Analyzer - Swept SA	
Center Freq 15.075000 MHz Setsetsint Avg Typ PNO:Fast → Trig:FreeRun FGainLow #Atten: 10 dB	▲ LLGN CFF 00:21:04 PM Dec 25, 2018 • RMS • RMS • TriAct 12:3:4:5 • Frequency • Oct 1:3:4:5 • Oct 1:3:4:5
Ref Offset 10.58 dB 10 dB/div Ref 10.58 dBm	Mkr1 478 kHz Auto Tune -72.948 dBm
0.580	Center Freq 15.075000 MHz
-9.42	Start Freq
-19.4	150.000 kHz
-29.4	
-39.4	CF Step
-69.4	2.985000 MHz <u>Auto</u> Man
-69.4 •1	Freq Offset
79 4 Repart Hereter of a formation and and and and and a for a formation of the second and the s	
Start 150 kHz #Res BW 10 kHz #VBW 30 kHz*	Stop 30.00 MHz Sweep 368.3 ms (1001 pts)
 MBG Agilent Spectrum Analyzer - Swept SA	STATUS L DC Coupled
Center Freq 13.01500000 GHz PN0: Fast →→ Trig: Free Run Avg Hol	ALIGN OFF 06:21:07 PMDec 25, 2018 e: RMS TRACE 12 2 3 4 5 6 is 6/100 TYPE NAWAWAY
IFGain:Low #Atten: 40 dB	Mkr2 26.000 GHz -28.585 dBm
Log	Center Freq
10.0	13.015000000 GHz
	Start Freq 30.00000 MHz
-10.0	-13.00 dBm Stop Freq
-20.0	26.00000000 GHz
-30.0	2.59700000 GHz Auto Man
-40.0	Freq Offset
-60.0	0 Hz
Start 30 MHz	Stop 26.00 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz*	Sweep 64.93 ms (1001 pts)