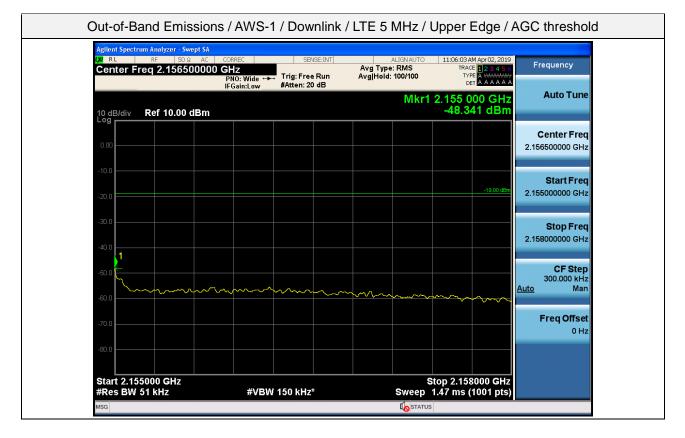


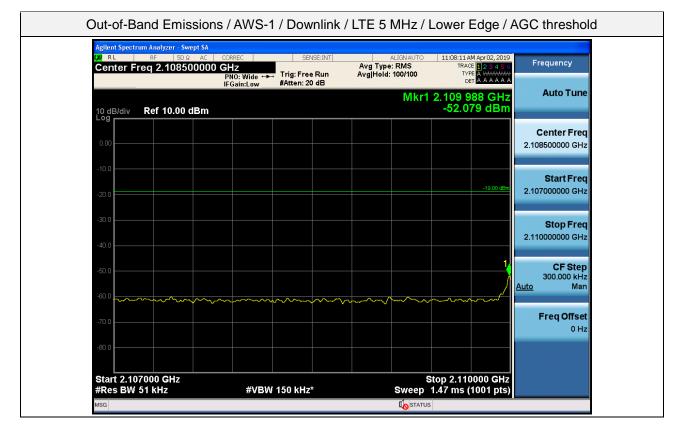
Agilent Spectrum Analyzer - Swept SA (M RL RF 50 Ω AC Center Freq 2.10850000	CORREC SENSE:INT	ALIGNAUTO 1 AVG Type: RMS	1:04:43 AM Apr 02, 2019 TRACE 1 2 3 4 5 6	Frequency
	PNO: Wide +++ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	
10 dB/div Ref 0.00 dBm			109 979 GHz -55.275 dBm	Auto Tune
-10.0				Center Freq 2.108500000 GHz
-20.0			-19.00 dBm	
-30.0				Start Freq 2.107000000 GHz
-40.0				Stop Freq 2.110000000 GHz
-60.0				CF Step 300.000 kHz uto Man
-70.0				Freq Offset
-90.0				0112





Agilent Spectrum Analyzer - Swept SA	CORREC SENSE:INT	ALIGN AUTO 11:06:25 AM	(m) 02 2010
Center Freq 2.15650000		Avg Type: RMS TRACE	Apr 02, 2019 1 2 3 4 5 6 A WWWWW A A A A A A
10 dB/div Ref 10.00 dBm	I GAILEON	Mkr1 2.155 00 -53.35	00 GHz Auto Tune 3 dBm
0.00			Center Freq 2.156500000 GHz
-10.0			-19.00 dBm 2.155000000 GHz
-30.0			Stop Freq 2.15800000 GHz
-40.0			CF Step 300.000 kHz
-60.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Auto Man Freq Offset
-80.0			0 Hz
Start 2.155000 GHz #Res BW 51 kHz	#VBW 150 kHz*	Stop 2.158 Sweep 1.47 ms (1	000 GHz 001 pts)

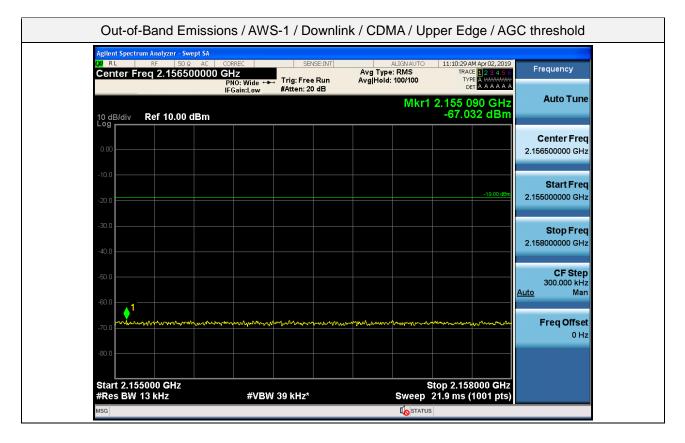




-80.0				
-70.0				Freq Offset 0 Hz
-50.0				300.000 kHz <u>Auto</u> Man
-40.0				CF Step
-30.0				Stop Freq 2.110000000 GHz
-20.0			-19.00 dBm	2.107000000 GHz
-10.0				Start Freq
0.00				Center Freq 2.108500000 GHz
10 dB/div Ref 10.00 dE	3m	Mkr	1 2.110 000 GHz -54.709 dBm	Auto Tune
M RL RF 50 Ω Center Freq 2.108500			11:08:33 AM Apr 02, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency

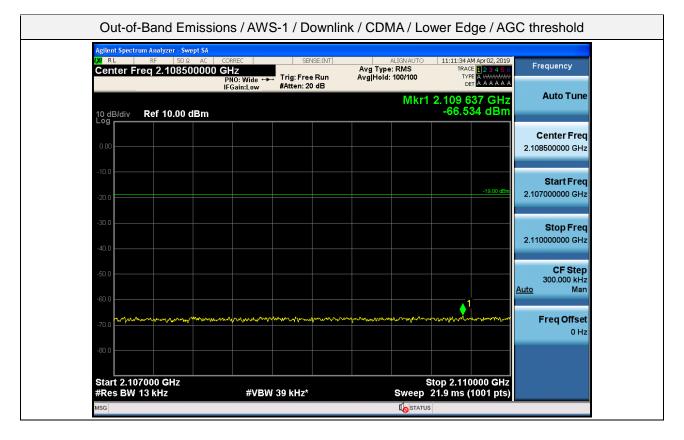






Agilent Spectrum Analyzer - Swept SA (X) RL RF 50 Ω AC	CORREC SENSE:INT	ALIGNAUTO 11	:10:55 AM Apr 02, 2019	
Center Freq 2.15650000		Avg Type: RMS Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 10.00 dBm		Mkr1 2.1	55 309 GHz 67.402 dBm	Auto Tune
				Center Freq 2.156500000 GHz
-10.0			-19.00 dBm	Start Freq 2.155000000 GHz
-30.0				Stop Freq 2.158000000 GHz
-50.0				CF Step 300.000 kHz <u>uto</u> Man
-60.0	Martin martine and	ala and an and an an	monghamenage	Freq Offset
-80.0				UTIZ
Start 2.155000 GHz #Res BW 13 kHz	#VBW 39 kHz*		2.158000 GHz ms (1001 pts)	

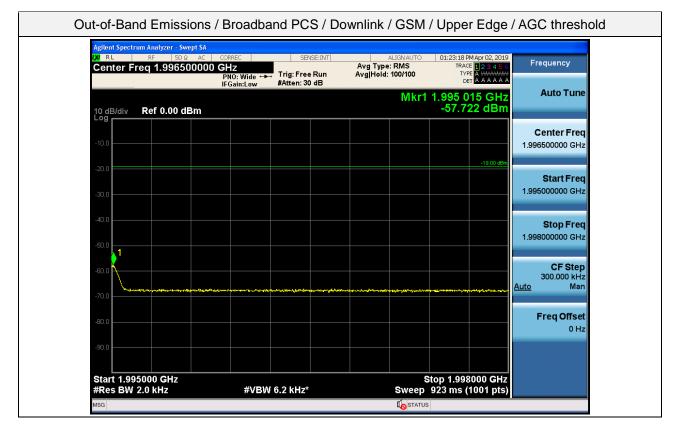




Agilent Spectrum Analyzer - Swept	AC CORREC SENSE:INT		11:11:59 AM Apr 02, 2019	Frequency
Center Freq 2.108500	OUU CHZ PNO: Wide ↔ Trig: Free Run IFGain:Low #Atten: 20 dB	Avg Type: RMS Avg Hold: 100/100	TRACE 123456 TYPE A WWWWW DET A A A A A A	
			109 988 GHz -67.411 dBm	Auto Tune
10 dB/div Ref 10.00 dB	m		-07.411 UBIII	
0.00				Center Freq
0.00				2.108500000 GHz
-10.0				Start Freq
-20.0			-19.00 dBm	2.107000000 GHz
-30.0				Stop Freq
-40.0				2.110000000 GHz
				CF Step
-50.0				300.000 kHz
-60.0			1	idito Marr
-70 0 man water water water	Mr. and Marine and Marine Marine Marine	mmun	monorman	Freq Offset
				0 Hz
-80.0				
Start 2.107000 GHz #Res BW 13 kHz	#VBW 39 kHz*	Stop Swoon 24	o 2.110000 GHz 9 ms (1001 pts)	



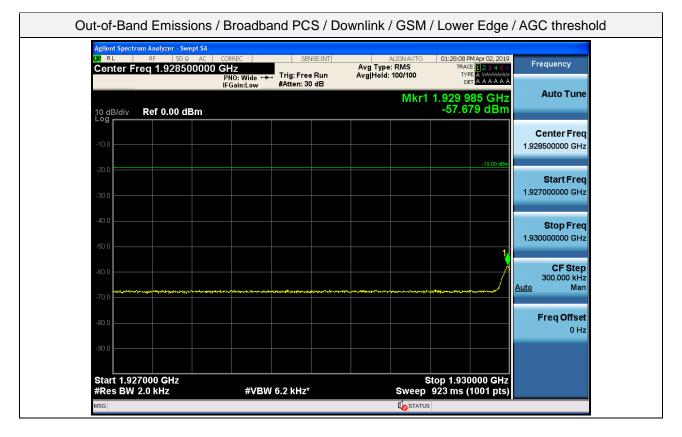




Agilent Spectrum Analyzer - Swept SA	CORREC SENSE:INT	ALIGNAUTO	01:25:16 PM Apr 02, 2019	
Center Freq 1.996500000		Avg Type: RMS Avg[Hold: 100/100	TRACE 123456	Frequency
	IFGain:Low #Atten: 30 dB	Mkr1 1	DET A A A A A A A	Auto Tune
10 dB/div Ref 0.00 dBm			-57.564 dBm	
				Center Freq
-10.0				1.996500000 GHz
-20.0			-19.00 dBm	
-30.0				Start Freq 1.995000000 GHz
-40.0				Stop Freq
-50.0				1.998000000 GHz
-60.0				CF Step
TO A MANAGEMENT AND A MANAGEMENT	ารระที่สาวรูสสารที่รูสสารประเทศการการการการการการที่รูสารระบบระสงการ	ม ^พ ระจะ(พิโ.ศ	geran Miner as a gin alan a sina ana ang	300.000 kHz <u>Auto</u> Man
-70.0				
-80.0				Freq Offset 0 Hz
-90.0				
Start 1.995000 GHz #Res BW 2.0 kHz	#VBW 6.2 kHz*		op 1.998000 GHz 23 ms (1001 pts)	



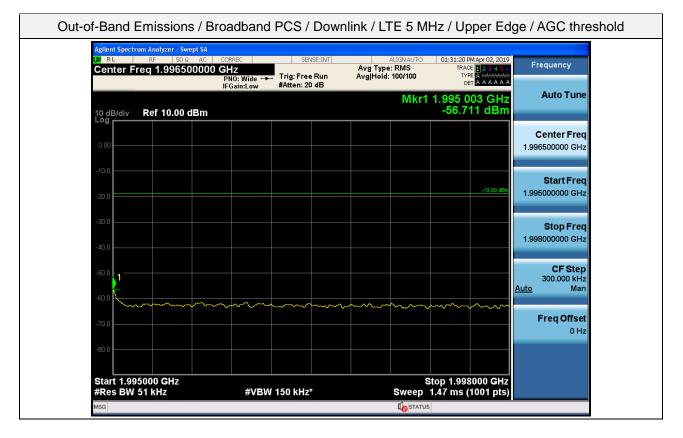




Agilent Spectrum Analyzer - Swept SA LXI RF 50 Ω AC	CORREC SENSE:INT	ALIGN AUTO 01	:30:05 PM Apr 02, 2019	
Center Freq 1.92850000		Avg Type: RMS Avg Hold: 100/100	TRACE 123456 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 0.00 dBm			29 985 GHz 57.387 dBm	Auto Tune
-10.0				Center Freq 1.928500000 GHz
-20.0			-19.00 dBm	
-20.0				Start Freq
-30.0				1.927000000 GHz
-40.0				Stop Freq
				1.93000000 GHz
-50.0			1	
-60.0				CF Step 300.000 kHz
-70.0	๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	¹ 6 ¹ 11 ¹ 2 ¹ 11 ¹ 11 ¹ 11 ¹ 11 ¹ 11 ¹	upresses and	<u>Auto</u> Man
				Freq Offset
-80.0				0 Hz
-90.0				
Start 1.927000 GHz #Res BW 2.0 kHz	#VBW 6.2 kHz*		1.930000 GHz ms (1001 pts)	



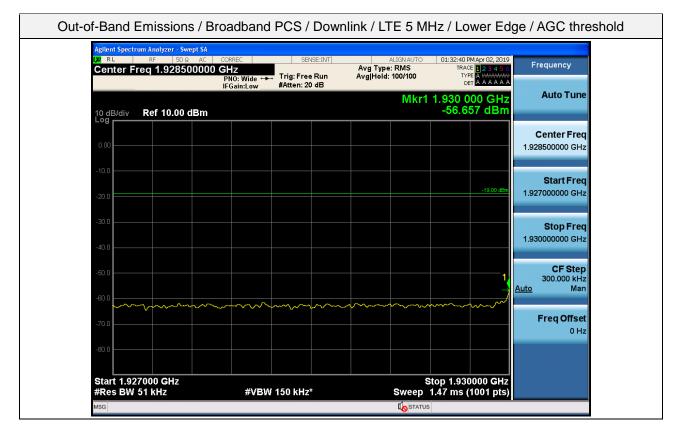




Agilent Spectrum Analyzer - Swept SA LXI RL RF 50 Ω AC	CORREC SENSE:INT	ALIGNAUTO	01:31:44 PM Apr 02, 2019	
Center Freq 1.99650000	0 GHz PNO: Wide +++ Trig: Free Run	Avg Type: RMS Avg Hold: 100/100	TRACE 123456 TYPE A WWWWW DET A A A A A A	Frequency
	IFGain:Low #Atten: 20 dB	Mkrt	1.995 000 GHz	Auto Tune
10 dB/div Ref 10.00 dBm			-55.746 dBm	
				Center Freq
0.00				1.996500000 GHz
-10.0				
			-19.00 dBm	Start Freq 1.995000000 GHz
-20.0				1.55666666666666
-30.0				Stop Freq
-40.0				1.998000000 GHz
				CF Step
-50.0 1				300.000 kHz
-60.0				<u>Auto</u> Man
-70.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Freq Offset
				0 Hz
-80.0				
Start 1.995000 GHz #Res BW 51 kHz	#VBW 150 kHz*		top 1.998000 GHz I.47 ms (1001 pts)	

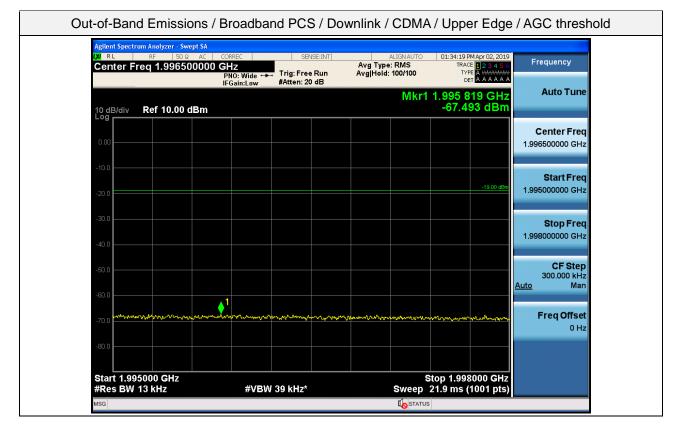






Agilent Spectrum Analyzer - Swept SA	CORREC SENS	E:INT ALIGN AUTO	01:33:03 PM Apr 02, 2019	
Center Freq 1.92850000		Avg Type: RMS	TRACE 1 2 3 4 5 6	
	IFGain:Low #Atten: 20			Auto Tune
10 dB/div Ref 10.00 dBm		IVINI	1.929 982 GHz -58.453 dBm	
				Center Freq
0.00				1.928500000 GHz
-10.0				
-20.0			-19.00 dBm	Start Freq 1.927000000 GHz
-20.0				
-30.0				Stop Freq
-40.0				1.930000000 GHz
-50.0				CF Step
-56.0			1	300.000 kHz <u>Auto</u> Man
-60.0			·	
-70.0				Freq Offset 0 Hz
-80.0				0 H2
Start 1.927000 GHz			Stop 1.930000 GHz 1.47 ms (1001 pts)	

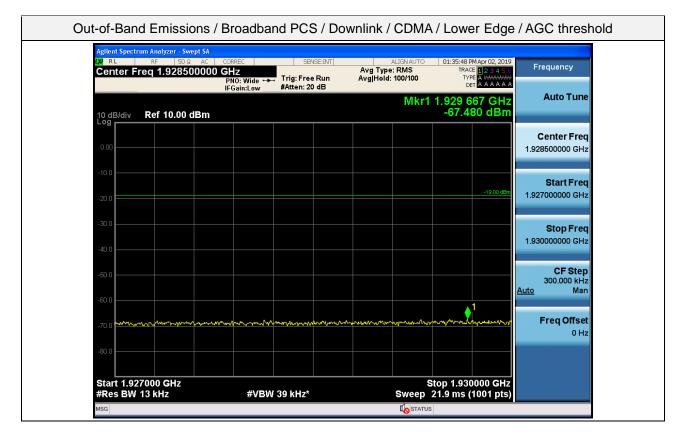




Agilent Spectrum Analyzer - Swep LXV RL RF 50 Ω	AC CORREC	SEN	SE:INT	ALIGN AUT		PM Apr 02, 2019	Frequency
Center Freq 1.996500	1000 GHz PNO: Wide ↔ IFGain:Low	Trig: Free #Atten: 20		Avg Type: RMS Avg Hold: 100/100	TRA T	CE 123456 /PE A WWWWWW DET A A A A A A A	Trequency
	IFGain:Low	PAttern. 20		Mk	r1 1.997	952 GHz	Auto Tune
10 dB/div Ref 10.00 dE	Bm				-68.2	203 dBm	
							Center Freq
0.00							1.996500000 GHz
-10.0							Start Freq
-20.0						-19.00 dBm	1.995000000 GHz
-30.0							
-30.0							Stop Freq 1.998000000 GHz
-40.0							
-50.0							CF Step 300.000 kHz
-60.0							<u>Auto</u> Man
-00.0						4	Ener Offert
-70.0 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>~~~~~~~~~</u>	har	∼₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	and and the second s	~Are Marketon and a	munt	Freq Offset 0 Hz
-80.0							
Start 1.995000 GHz #Res BW 13 kHz	,	N 39 kHz*			Stop 1.99 p 21.9 ms	8000 GHz	







Agilent Spectrum Analyzer - Swept SA				
M RL RF 50Ω AC Center Freq 1.92850000		Avg Type: RMS Run Avg Hold: 100/100	01:36:14 PM Apr 02, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 10.00 dBm		Mkr	1 1.929 904 GHz -68.203 dBm	Auto Tune
0.00				Center Freq 1.928500000 GHz
-10.0			-19.00 dBm	Start Freq 1.927000000 GHz
-30.0				Stop Freq 1.930000000 GHz
-50.0				CF Step 300.000 kHz Auto Man
-60.0	un minder and a start and a	where the former of the market of the second	Sourcean margine grantes	Freq Offset
-80.0				0 Hz
Start 1.927000 GHz #Res BW 13 kHz	#VBW 39 kHz*	Sweep	Stop 1.930000 GHz 21.9 ms (1001 pts)	



5.6. CONDUCTED SPURIOUS EMISSIONS

Test Requirements:

§2.1051 Measurements required: Spurious emissions at antenna terminals.

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

§22.917 Emission limitations for cellular equipment.

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service. (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz.

§24.238 Emission limitations for Broadband PCS equipment.

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as



specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

§27.53 Emission limits.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.
 (3) Measurement procedure.



(i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.

(iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

Test Procedures:

Measurements were in accordance with the test methods section 7.6 of KDB 935210 D03 v04r03.

a) Begin with the uplink output (donor) port connected to the spectrum analyzer.

b) Configure the signal generator for AWGN with a 99% OBW of 4.1 MHz, with a center frequency corresponding to the center of the CMRS band under test.

c) Set the signal generator amplitude to the level determined in the power measurement procedure in maximum power measurement test.

d) Turn on the signal generator RF output and measure the spurious emission power levels with an appropriate measuring instrument as follows.

1) Set RBW = measurement bandwidth specified in the applicable rule section for the operational frequency band under consideration. Note that many of the individual rule sections permit the use of a narrower RBW [typically \geq 1% of the emission bandwidth (EBW)] to enhance measurement accuracy, but the result must then be integrated over the specified measurement bandwidth.

2) Set VBW = $3 \times RBW$.

3) Select the power averaging (rms) detector.

4) Sweep time = auto-couple.

5) Set the analyzer start frequency to the lowest radio frequency signal generated in the equipment, without going below 9 kHz, and the stop frequency to the lower band/block edge frequency minus 100 kHz or 1 MHz, as specified in the applicable rule part. Note that the number of measurement points in each sweep must be \geq (2 x span/RBW), which may require that the measurement range defined by the preceding start and stop frequencies be subdivided, depending on the available number of measurement points of the spectrum analyzer. Trace average at least 10 traces in power averaging (i.e., rms) mode.

6) Use the peak marker function to identify the highest amplitude level over each measured frequency range. Record the frequency and amplitude and capture a plot for inclusion in the test report.

7) Reset the analyzer start frequency to the upper band/block edge frequency plus 100 kHz or 1 MHz, as specified in the applicable rule part, and the analyzer stop frequency to 10 times the highest frequency of



the fundamental emission. Note that the number of measurement points in each sweep must be \geq (2 x span/RBW) which may require that the measurement range defined by the start and stop frequencies above be subdivided, depending on the available number of measurement points provided by the spectrum analyzer.

8) Use the peak marker function to identify the highest amplitude level over each of the measured frequency ranges. Record the frequency and amplitude and capture a plot for inclusion in the test report.

e) Repeat b) through d) for each supported frequency band of operation.

Note1. Except band of upper 700 MHz, '43 + 10 Log (Power) = -13 dBm' limit is applied for all spurious test. For upper 700 MHz band, in 763-775 MHz and 793-805 MHz '65 + 10 log (Power) = -35 dBm (6.25 kHz RBW)' limit is applied. Additionally in 1559-1610 MHz shall be limited to -70 dBW/MHz (-40 dBm, 1 MHz RBW) and -80 dBW (-50 dBm, 700 Hz RBW) EIRP.

Note2. Coupling In 9 kHz-150 kHz and 150 kHz-30 MHz bands, RBW was reduced to 1 kHz and 10 kHz and correction factor was applied according to section 5.7.2 of ANSI C63.26-2015.

Band	9 ~ 150 kHz Correction	150 kHz ~ 30 MHz Correction
Below 1 GHz (Ref.RBW: 100 kHz)	20 dB	10 dB
Above 1 GHz (Ref.RBW: 1 MHz)	30 dB	20 dB

Note3. RBW and Band Separation is according to note 1 of out-of-band emissions test in this report



Test Results:

Tabulated Result of Uplink Conducted Spurious Emissions

Band	Range (MHz)	Frequency (MHz)	Limit (dBm)	Spurious Emission (dBm)
	0.009 ~ 0.15	0.009 423		-38.063
	0.15 ~ 30	0.150		-48.216
	30 ~ 703.9	702.72		-53.358
Lower 700 MHz	716.1 ~ 2 000	782.01		-54.254
4 6 0	2 000 ~ 4 000	2 667.95		-63.388
	4 000 ~ 6 000	5 046.55		-61.302
	6 000 ~ 8 000	7 403.20	-13	-61.743
	0.009 ~ 0.15	0.009 000	-13	-37.665
	0.15 ~ 30	0.150		-48.957
	30 ~ 775.9	775.49		-45.026
	787.1 ~ 2 000	787.22		-40.480
	2 000 ~ 4 000	2 681.00		-63.111
	4 000 ~ 6 000	5 612.70		-61.143
Upper	6 000 ~ 8 000	7 419.70		-61.349
700 MHz	737 ~ 775	774.99	-46	-57.630
	793 ~ 805	793.64	-40	-68.096
	1 559 ~ 1 610 (1 MHz)	1 563.13	-40	-54.945
	1 559 ~ 1 610 (700 Hz)-1	1 563.75		-85.582
	1 559 ~ 1 610 (700 Hz)-2	1 579.37	50	-88.322
	1 559 ~ 1 610 (700 Hz)-3	1 597.76	-50	-88.741
	1 559 ~ 1 610 (700 Hz)-4	1 606.13		-88.687



Band	Range (MHz)	Frequency (MHz)	Limit (dBm)	Spurious Emission (dBm)
	0.009 ~ 0.15	0.010 410		-39.105
	0.15 ~ 30	0.160		-49.829
Cellular	30 ~ 823	822.21		-55.594
	850 ~ 1 000	904.55		-56.813
	1 000 ~ 10 000	9 454.15		-39.986
	0.009 ~ 0.15	0.011 397		-29.879
	0.15 ~ 30	0.150		-39.690
AWS-1	30 ~ 1 709	709.58	-13	-43.847
	1 756 ~ 10 000	9 504.54		-40.403
	10 000 ~ 26 500	26 298.70		-37.019
	0.009 ~ 0.15	0.009 282		-30.136
	0.15 ~ 30	0.150		-41.453
Broadband PCS	30 ~ 1 849	1 719.85		-43.474
	1 916 ~ 10 000	9 543.25		-40.013
	10 000 ~ 26 500	26 489.69		-36.935



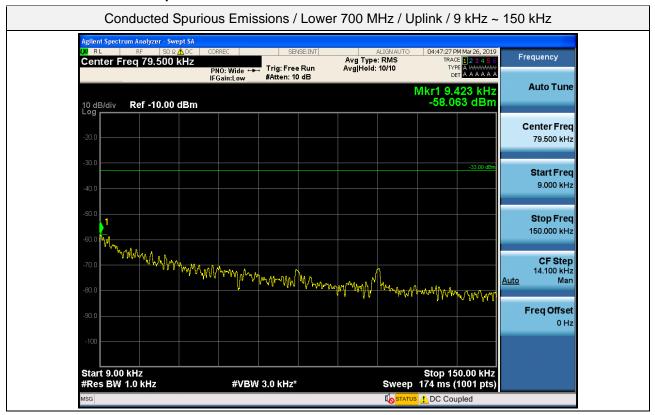
Band	Range (MHz)	Frequency (MHz)	Limit (dBm)	Spurious Emission (dBm)
	0.009 ~ 0.15	0.009 846		-38.866
	0.15 ~ 30	0.155		-49.897
	30 ~ 733.9	732.25		-54.720
Lower 700 MHz	746.1 ~ 2 000	884.70		-38.508
	2 000 ~ 4 000	2 163.40		-29.740
	4 000 ~ 6 000	5 690.45		-61.192
	6 000 ~ 8 000	6 132.90	10	-61.061
	0.009 ~ 0.15	0.009 423	-13	-38.543
	0.15 ~ 30	0.150		-47.999
	30 ~ 745.9	736.09		-53.252
	757.1 ~ 2 000	891.29		-39.170
	2 000 ~ 4 000	2 162.80		-23.247
	4 000 ~ 6 000	5 618.10		-60.902
Upper	6 000 ~ 8 000	6 719.30		-61.816
700 MHz	737 ~ 775	772.45	46	-79.655
	793 ~ 805	794.66	-46	-79.551
	1 559 ~ 1 610 (1 MHz)	1 604.24	-40	-58.696
	1 559 ~ 1 610 (700 Hz)-1	1 561.06		-89.132
	1 559 ~ 1 610 (700 Hz)-2	1 586.29	50	-89.236
	1 559 ~ 1 610 (700 Hz)-3	1 588.37	-50	-89.226
	1 559 ~ 1 610 (700 Hz)-4	1 606.15		-88.833

Tabulated Result of Downlink Conducted Spurious Emissions



Band	Range (MHz)	Frequency (MHz)	Limit (dBm)	Spurious Emission (dBm)
	0.009 ~ 0.15	0.010 269		-39.324
	0.15 ~ 30	0.155		-50.790
Cellular	30 ~ 868	836.32		-56.261
	895 ~ 1 000	995.68		-56.393
	1 000 ~ 10 000	9 515.80		-40.210
	0.009 ~ 0.15	0.013 089		-28.375
	0.15 ~ 30	0.160		-40.310
AWS-1	30 ~ 2 109	892.37	-13	-37.751
	2 156 ~ 10 000	9 503.87		-39.444
	10 000 ~ 26 500	26 342.43		-36.958
	0.009 ~ 0.15	0.011 538		-29.654
	0.15 ~ 30	0.150		-40.182
Broadband PCS	30 ~ 1 929	892.62		-40.184
	1 996 ~ 10 000	9 486.94		-39.508
	10 000 ~ 26 500	26 476.49		-37.434

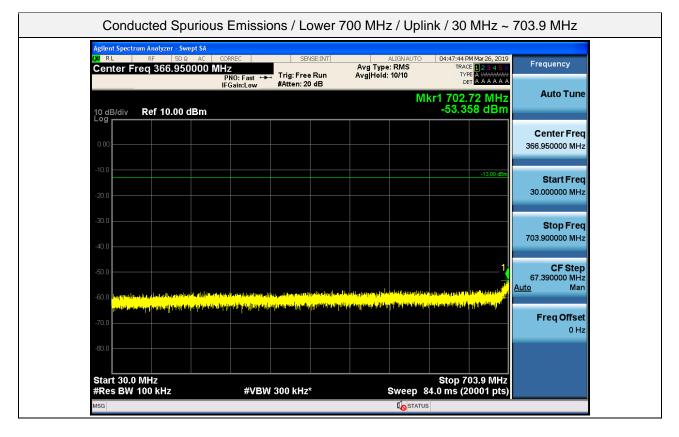




Plot data of Conducted Spurious Emissions

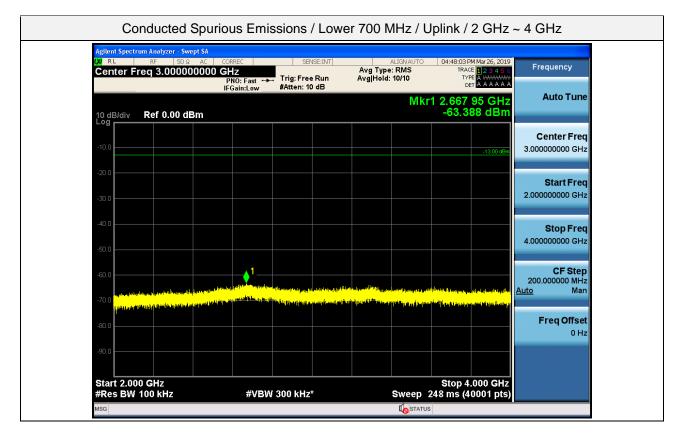
Agilent Spectrum Analyzer - Swept S				
🕅 RL RF 50 Ω ⚠ੈ D Center Freq 15.075000	MHz	SE:INT ALIGN AUTO Avg Type: RMS Run Avg Hold: 10/10	04:47:37 PM Mar 26, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW	Frequency
	PNO: Fast 🗭 Trig: Free IFGain:Low #Atten: 10		DET A A A A A A	Auto Tune
10 dB/div Ref -10.00 dB	m		Mkr1 150 kHz -58.216 dBm	Autorune
Log				Center Freq
-20.0			-23.00 dBm	15.075000 MHz
-30.0				
49.0				Start Freq 150.000 kHz
-40.0				
-50.0				Stop Freq
-60.0				30.000000 MHz
70.0				CF Step
-70.0				2.985000 MHz Auto Man
-80.0		edela, grana se national de la popular da manager (a defensa) in Magnetica de la comuna de la posta da tamén de la comuna de	ya wa ƙasar Ing batalika a sayata ina biyo anti bata yika. Manazarti ya shawaya ka da ya da ya ƙasar Ing Kasar	
-90.0				Freq Offset
100				0 Hz
-100				
Start 150 kHz			Stop 30.00 MHz	





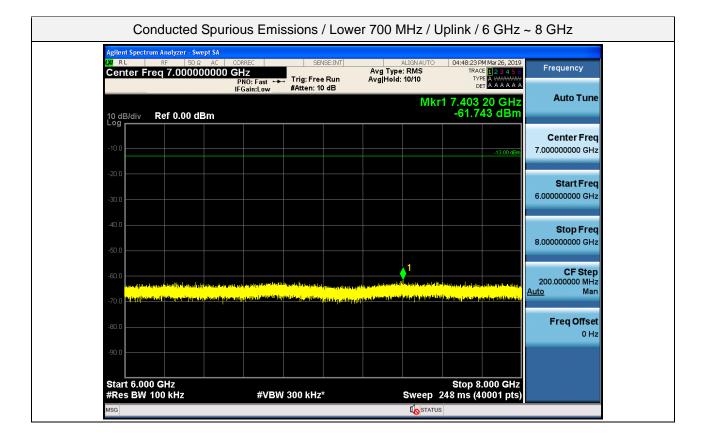
Agilent Spectrum Analyzer - Swept		SEN	SE:INT	AL TI	IGN AUTO	04:47:53 P	M Mar 26, 2019	
Center Freq 1.358050		Trig: Free	Run	Avg Type: R Avg Hold: 10	RMS	TRAC		Frequency
	IFGain:Low	#Atten: 20	dB		M	™ kr1 782.	паааааа 01 MHz	Auto Tune
10 dB/div Ref 10.00 dE	βm						54 dBm	
209								Center Freq
0.00								1.358050000 GHz
-10.0							-13.00 dBm	Start Erog
-20.0								Start Freq 716.100000 MHz
-30.0								Stop Freq 2.000000000 GHz
-40.0								2.00000000 GH2
-50.0 1								CF Step 128.390000 MHz
	a faith an	ور المطلق بلغ منه الغريب م	والمعاقلة أجال وحقاقه	. It. after a district store with	allas allas and		duranatahan si	<u>Auto</u> Man
	Networks by department	a dalari bulana	anheren en here	to san to a part of the last	lanan perintahan	<mark>hadan barar</mark>	<mark>in all an </mark>	Ener Offerst
-70.0								Freq Offset 0 Hz
-80.0								
Start 716.1 MHz #Res BW 100 kHz		/ 300 kHz*				Stop 2.0	000 GHz	



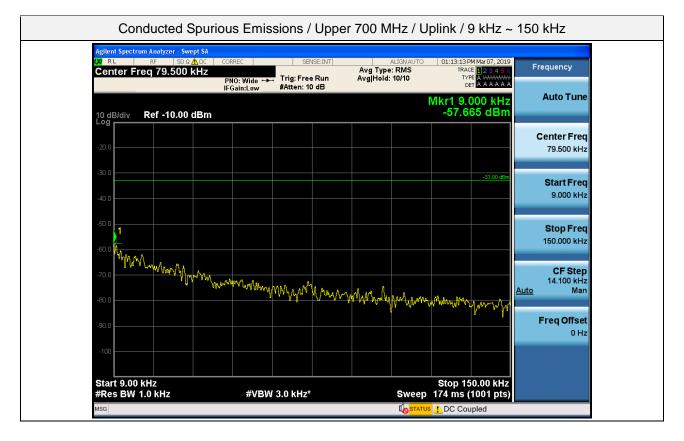


Agilent Spectrum Analyzer - Swept SA		E:INT ALIGN AUTO	04:48:14 PM Mar 26, 2019	
Center Freq 5.0000000	0 GHz	Avg Type: RMS	TRACE 123456 TYPE A MARAMAN	Frequency
	PNO: Fast +++ Trig: Free IFGain:Low #Atten: 10 (dB	DET A A A A A A	Auto Tune
10 dB/div Ref 0.00 dBm		IMIK	r1 5.046 55 GHz -61.302 dBm	Auto Func
Log				Center Freq
-10.0			-13.00 dBm	5.00000000 GHz
-20.0				
				Start Freq 4.00000000 GHz
-30.0				4.00000000000
-40.0				Stop Freq
-50.0				6.000000000 GHz
		<u>1</u>		CF Step
-60.0	alte here a ben a black and a standard a data a standard a black a black a black a black a black a black a blac	and the second stand standing the second		200.000000 MHz <u>Auto</u> Man
-70.0 Comparison of the second state of the se	and the state of a second state of the second state of the second state of the second state of the second state	<mark>i na minina la publica da publica presenta da presenta da Patricia.</mark>		
-80.0				Freq Offset
				0 Hz
-90.0				
Start 4.000 GHz			Stop 6.000 GHz	



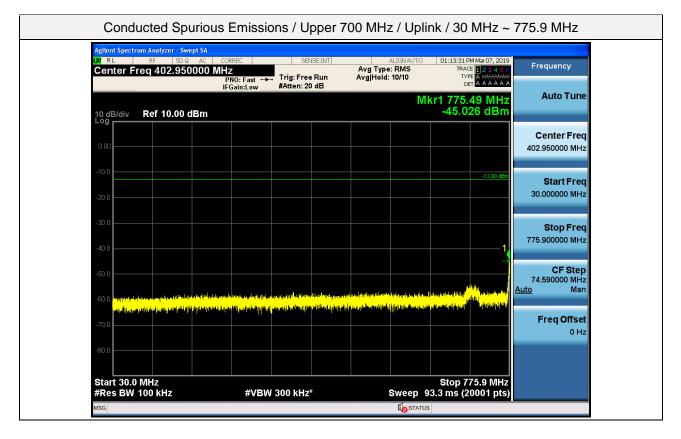






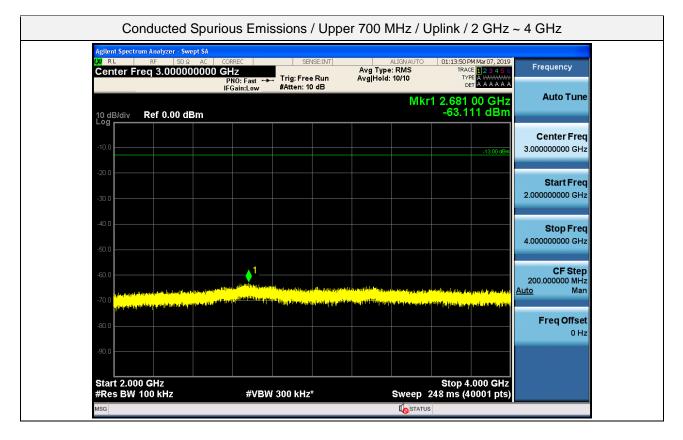
Agilent Spectrum Analyzer - Swept Si		SENSE:INT	ALIGN AUTO	01:13:23 PM Mar 07, 2019	E
Center Freq 15.075000	PNO: Fast +++ Tr	ig: Free Run	Avg Type: RMS Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
	IFGain:Low #A	Atten: 10 dB		Mkr1 150 kHz	Auto Tune
10 dB/div Ref -10.00 dBr	n			-58.957 dBm	
					Center Freq
-20.0				-23.00 dBm	15.075000 MHz
-30.0					Oto of F
-40.0					Start Freq 150.000 kHz
40.0					
-50.0					Stop Freq
-60.0					30.000000 MHz
-70.0					CF Step
					2.985000 MHz <u>Auto</u> Man
-80.0 - Helling and a straight black of the second straight and the second straight and second straight an	ana da kan baha bara ang biya ang biya. Pang bara ang bara kan baha ang bara ang baha baha baha baha baha baha baha bah	in di dan di dan da dan di di dan Manangan (Manangan) ang di dan	a dia tanan ini tahuk bira baadahar Aha Marana aya ya ya ya ya ya ya ya	<mark>de la constante de la constante Al management de la constante d</mark>	
-90.0					Freq Offset 0 Hz
100					0 Hz
-100					
Start 150 kHz				Stop 30.00 MHz	





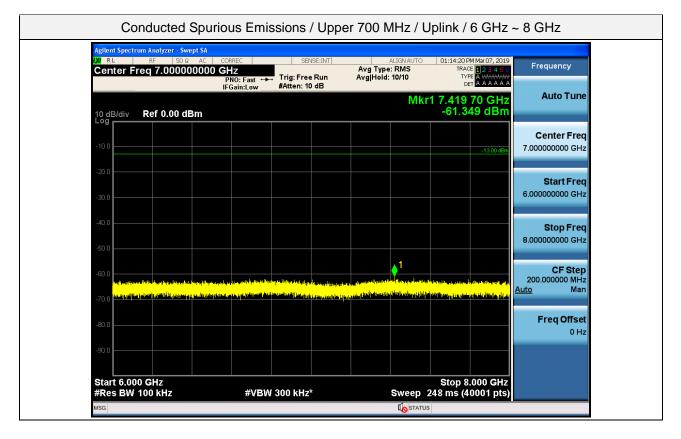
Agilent Spectrum Analy		RREC	SE	NSE:INT		ALIGN AUTO	01:13:39	PM Mar 07, 2019	
Center Freq 1.	393550000 GH				Avg Type Avg Hold:	: RMS	TRAC		Frequency
		Gain:Low	#Atten: 2	0 dB		M	⊳ kr1 787.		Auto Tune
10 dB/div Ref 1	10.00 dBm							80 dBm	
Log									Center Freq
0.00									1.393550000 GHz
-10.0								-13.00 dBm	
-20.0									Start Freq 787.100000 MHz
-20.0									
-30.0									Stop Freq
-40.0									2.000000000 GHz
-50.0									CF Step
the second second	t almha						an an a dhata	فالعادية المرباد والأر	121.290000 MHz <u>Auto</u> Man
-60.0		i han telen fern den A <mark>ngesten fi</mark> nnen bei	<mark>angilippuratipu</mark> Angilippuratipu	n <mark>ari mpari tang ma</mark>	ten die bestehen die bestehen. Die die bestehen die	<mark>in ser an se</mark>		(attractions (attraction	
-70.0									Freq Offset 0 Hz
-80.0									0112
Start 787.1 MHz			/ 300 kHz					0000 GHz 0001 pts)	





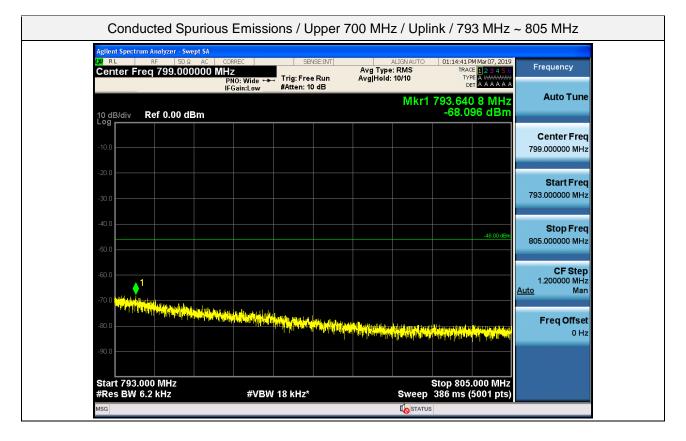
Agilent Spectrum Analyzer - Swept SA LXI RL RF 50 Ω AC		ISE:INT ALIGN AUTO	01:14:11 PM Mar 07, 2019	
Center Freq 5.0000000		Avg Type: RMS	TRACE 123456	Frequency
	IFGain:Low #Atten: 10		DET A A A A A A	Auto Tune
10 dB/div Ref 0.00 dBm		WIR	-61.143 dBm	
				Center Freq
-10.0			-13.00 dBm	5.00000000 GHz
-20.0				
-30.0				Start Freq 4.00000000 GHz
-30.0				
-40.0				Stop Freq
-50.0				6.000000000 GHz
-60.0			<mark>↓</mark> 1	CF Step
				200.000000 MHz <u>Auto</u> Man
-70.0 <mark>values de la print serve de binder de la composition de la </mark>	na fudina na kata na ka	<mark>na i shi kulo dhe shi da manaka na kuna tika ta sa shi shi aka maka dh</mark> a	and an all the second se	
-80.0				Freq Offset
-90.0				0 Hz
-50.0				
Start 4.000 GHz			Stop 6.000 GHz	





-90.0								
-80.0 <mark>1919 - Herstern</mark>								Freq Offset 0 Hz
-60.0					الداميرين			CF Step 1.200000 MHz <u>Auto</u> Man
-50.0							1	775.000000 MHz
-40.0							-46.00 dBm	Stop Freq
-20.0								Start Freq 763.000000 MHz
-10.0								Center Freq 769.000000 MHz
10 dB/div	Ref 0.00 dE	3m			Mkr1		8 0 MHz 30 dBm	Auto Tune
Center Fre		PN		Avg Type Avg Hold:		TRAC	PM Mar 07, 2019 CE 123456 PE A WWWWW ET A A A A A A A	Frequency

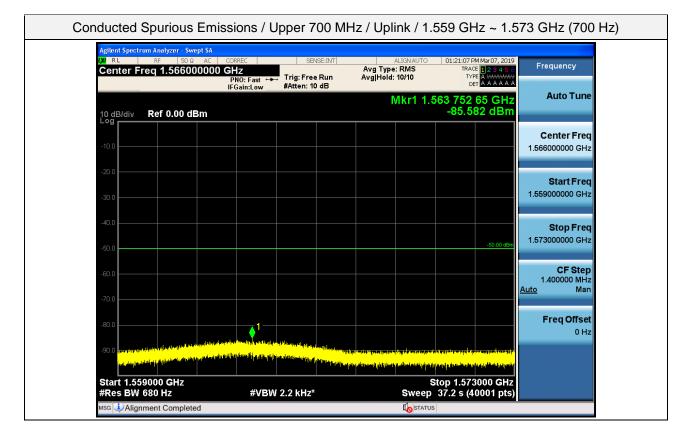




Agilent Spectrum Analyzer - Swept SA				
txa RL RF 50 Ω AC Center Freq 1.584500000		Avg Type: RMS un Avg Hold: 10/10	01:14:47 PM Mar 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	
10 dB/div Ref 0.00 dBm		Mkr	1.563 131 GHz -54.945 dBm	Auto Tune
-10.0				Center Freq 1.584500000 GHz
-20.0				Start Freq 1.559000000 GHz
-40.0			-40.00 dBm	Stop Freq 1.610000000 GHz
-50.0 1 -60.0 walka 4 / 10-0 walka / 10-0	Happalaphanaharanaharanaharanahara	wintellationarconartenter functionarten	² พังษัสการสตุขณะครั้งสุขาญปล่างส่า	CF Step 5.100000 MHz
-70.0				<u>Auto</u> Man Freq Offset
-80.0				0 Hz
Start 1.55900 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz*		Stop 1.61000 GHz 1.00 ms (1001 pts)	



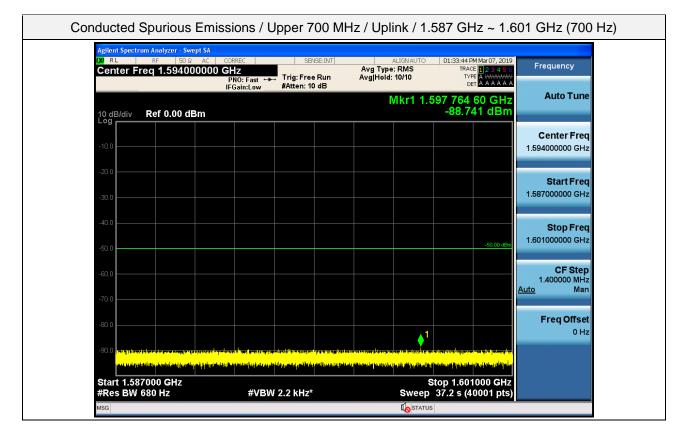




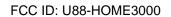
100 RL RF 50Ω AC Center Freq 1.58000000	DO GHz PNO: Fast Trig:		ALIGN AUTO 3 Type: RMS Hold: 10/10	01:27:25 PM Mar 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 0.00 dBm	" Gameon		Mkr1 1.57	9 365 80 GHz -88.322 dBm	Auto Tune
-10.0					Center Freq 1.58000000 GHz
-20.0					Start Freq 1.573000000 GHz
-40.0					Stop Freq
-60.0				-50.00 dBm	1.587000000 GHz
-70.0					1.400000 MHz <u>Auto</u> Man
-80.0		,1		4	Freq Offset 0 Hz
	en in de service de la la magnetica de la construction de la construction de la construction de la construction La construction de la construction d			ali beren della produce della del Antica la produce della del	



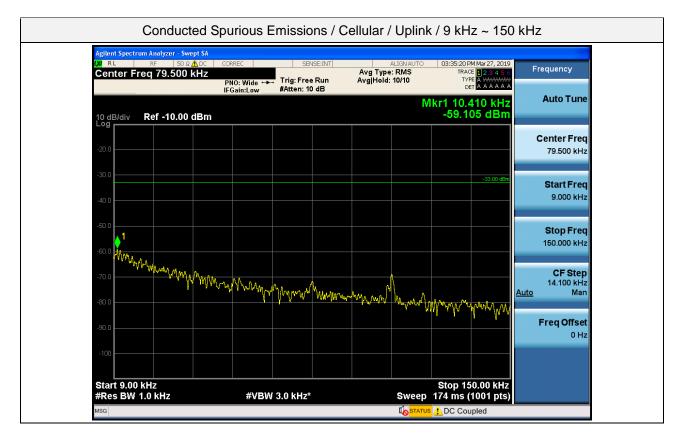




Center Freq 1.6055		SENSE:INT	Avg Typ	e: RMS	01:37:49 PM Mar 07, 2019 TRACE 123456	Frequency
	PNO: Wid IFGain:Lo		Avg Hold	d: 10/10		
10 dB/div Ref 0.00 d	dBm)6 127 9 GHz -88.687 dBm	Auto Tune
-10.0						Center Freq 1.605500000 GHz
-20.0						Start Freq
-30.0						1.601000000 GHz
-40.0					-50.00 dBm	Stop Freq 1.610000000 GHz
-60.0						CF Step 900.000 kHz
-70.0						<u>Auto</u> Man
-80.0			↓ ¹			Freq Offset 0 Hz
-90.0 And the spectrum of the second stress of the		n bland storen um sterne brend bied de "Anne des pella est production, pilon (or b				

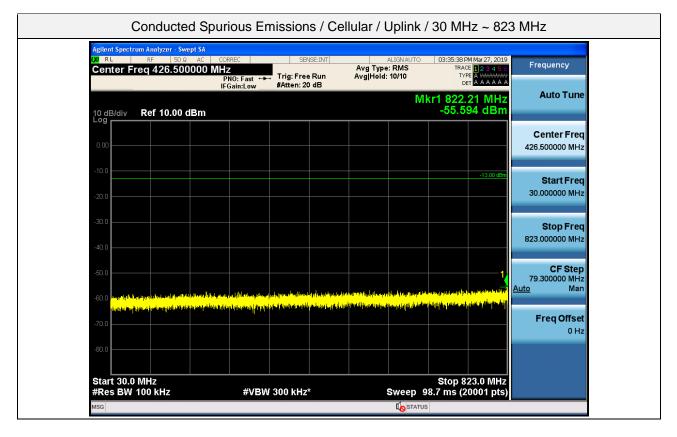






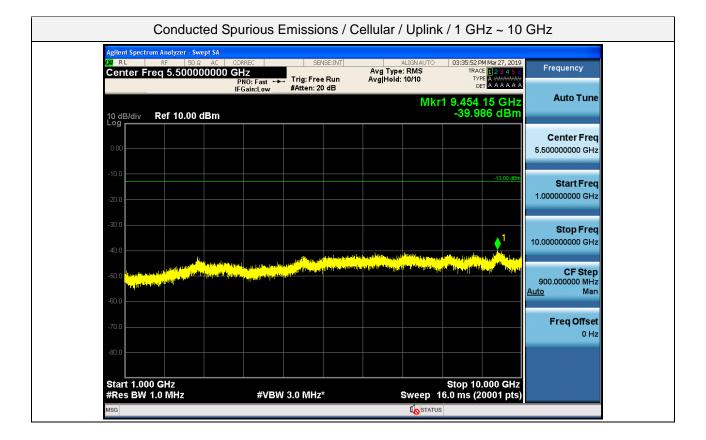
Agilent Spectrum Analyze		RREC	SEI	NSE:INT		ALIGN AUTO	03:35:30 P	M Mar 27, 2019	
Center Freq 15.	075000 MHz	NO: Fast ++	Trig: Free	e Run	Avg Type Avg Hold:	RMS	TRAC		Frequency
		Gain:Low	#Atten: 10	0 dB				160 kHz	Auto Tune
10 dB/div Ref -1	0.00 dBm							29 dBm	
209									Center Freq
-20.0								-23.00 dBm	15.075000 MHz
-30.0									Start From
-40.0									Start Freq 150.000 kHz
-50.0									Stop Freq 30.000000 MHz
-60.0 🗧									30.00000 MH2
-70.0									CF Step 2.985000 MHz
-80.0	1			الم المالية المالية				م این ا	Auto Man
	d para printra kantati juti Ng upper kana period								Freq Offset
-90.0									0 Hz
-100									
Start 150 kHz #Res BW 10 kHz		#\/R\A	/ 30 kHz*			Sween	Stop 3 368 ms (0.00 MHz	



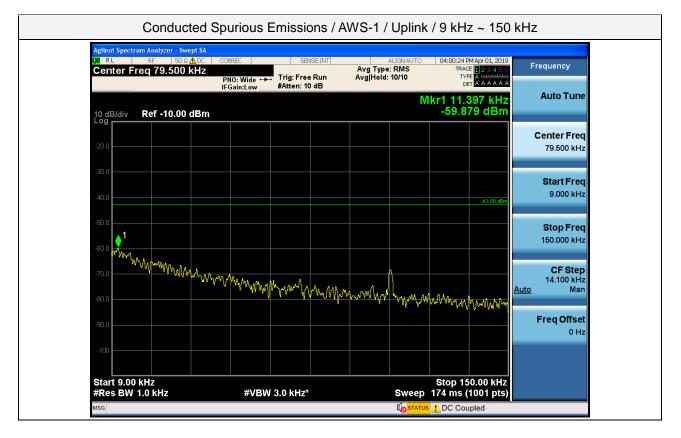


Agilent Spectrum Analyzer - Swept SA		
Center Freq 925.000000 MHz PNO: East Trig: Free Run	ALIGNAUTO 03:35:44 PM Mar 27, 2019 Avg Type: RMS TRACE 1,2,3,4,5,6 Avg Hold: 10/10 TYPE	Frequency
IFGain:Low #Atten: 20 dB	Mkr1 904.550 MHz	Auto Tune
10 dB/div Ref 10.00 dBm	-56.813 dBm	
0.00		Center Freq 925.000000 MHz
		925.000000 MH2
-10.0	-13.00 dBm	Start Freq
-20.0		850.000000 MHz
-30.0		Stop Freq
-40.0		1.000000000 GHz
-50.0		CF Step 15.000000 MHz
	inde Andreistike for Bern Latis Little som en selvet indedelser, sticklike	Auto Man
	a na	Freq Offset
-70.0		0 Hz
-80.0		
Start 850.00 MHz	Stop 1.00000 GHz	
Start 850.00 MHz #Res BW 100 kHz #VBW 300 kHz*	Stop 1.00000 GHz Sweep 18.8 ms (6001 pts)	



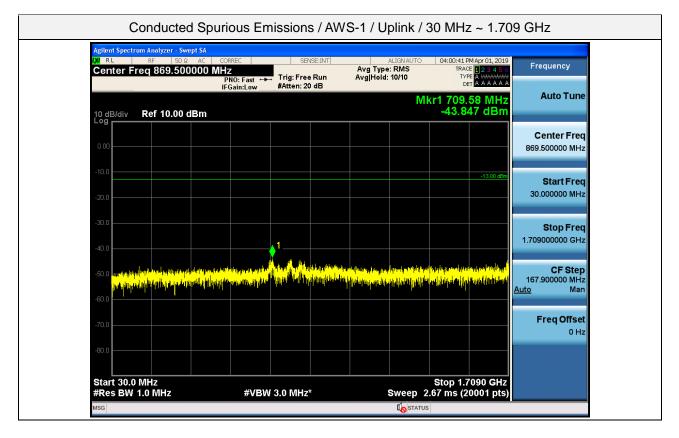


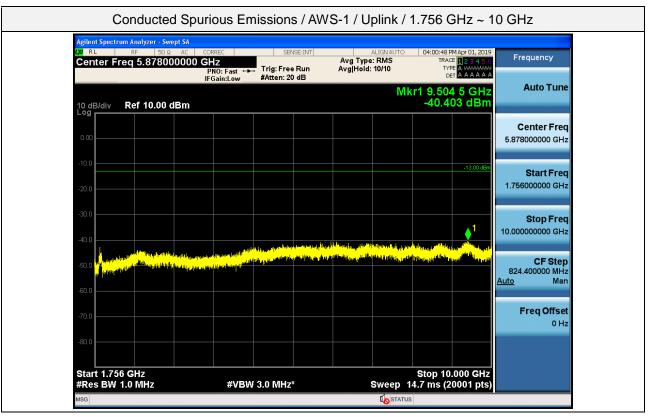




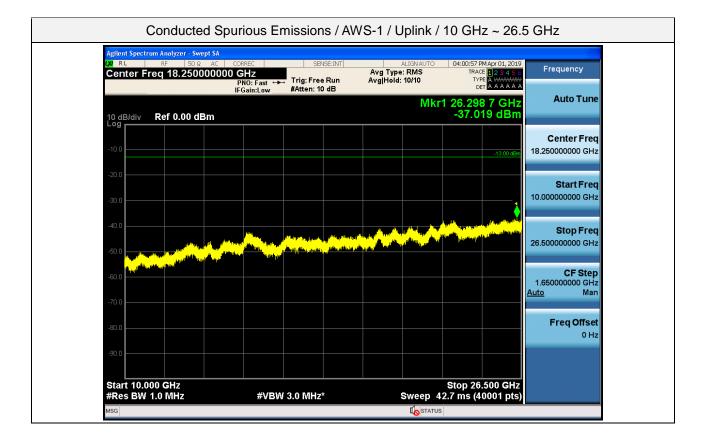
Agilent Spectrum Analyzer - Swi IXI RL RF 50 Ω	ept SA ▲DC CORREC	SE	NSE:INT		ALIGN AUTO		4 Apr 01, 2019	Francisco
Center Freq 15.0750	DOO MHz PNO: Fast IFGain:Low	→→ Trig: Fre #Atten: 1		Avg Type Avg Hold:		TRACE TYPE DE	123456 A 44444 A A A A A A	Frequency
10 dB/div Ref -10.00		FACEN. 1	0.00				50 kHz 90 dBm	Auto Tune
								Center Freq
-20.0								15.075000 MHz
-30.0							-33.00 dBm	
-40.0								Start Freq 150.000 kHz
-50.0								Stop Freq 30.000000 MHz
-60.0								
-70.0								CF Step 2.985000 MHz
		telepter of the literal distances	() papers relation	de l'hierig eg ditte	tender ingester uter	al di si su ningi a tritt	ر مارد (بر عمار و زانه با بارد. ا	<u>Auto</u> Man
-90.0	n in an de la d La decimienta de la decimient	han an a		ing and a state of the state of	in fan de seis faite	and a second	electrol (partit)	Freq Offset
								0 Hz
-100								
Start 150 kHz		3W 30 kHz*				Stop 30 368 ms (6	0.00 MHz	



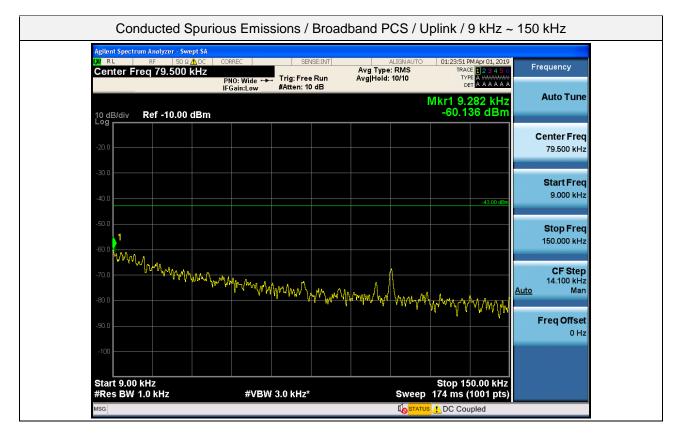






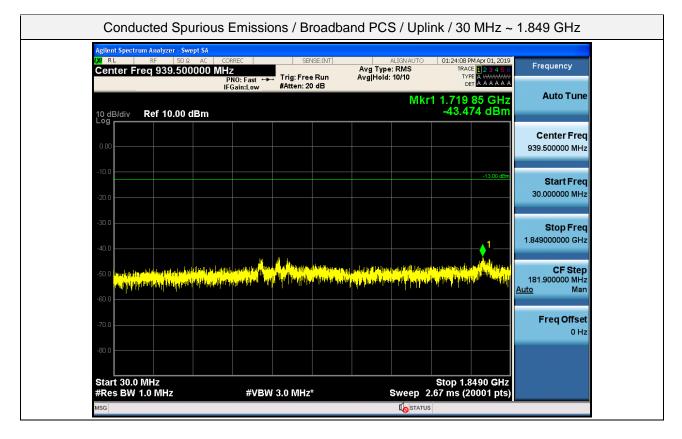






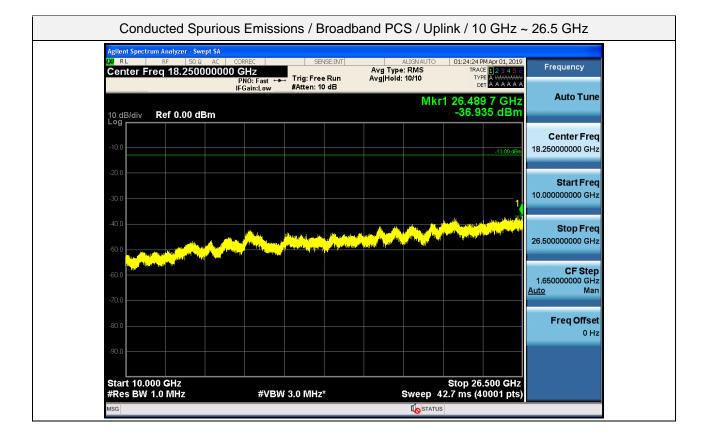
Agilent Spectrum Analyzer - Sw LM RF 50 Ω Center Freq 15.0750	▲ DC CORREC	SENSE:IN	T Avg Typ	ALIGN AUTO	01:24:02 PM Apr 01, 20: TRACE 1 2 3 4 5	
Center Freq 15.075	PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB	n Avg Hold		TRACE 12345 TYPE A WWWW DET A A A A A	A
10 dB/div Ref -10.00	dBm				Mkr1 150 kH -61.453 dBr	
Log						Center Freq
-20.0						15.075000 MHz
-30.0					-33.00 dE	Start Freq
-40.0						150.000 kHz
-50.0						Stop Freq
-60.0						30.000000 MHz
-70.0						CF Step 2.985000 MHz
-80.0			naisember berbert de anstitur	The star of the start start start	nika wina ang kana ang kanang kan	<u>Auto</u> Man
-90.0	hi daga palan bulan ki da kana partiki palara Partiki pana taka da kana pana pana kana pana	landar an diant fa dia ang ang ang ang ang ang ang ang ang an	and the state of the state of the state	A Span A part	and for any or provide the second	Freq Offset
						0 Hz
-100						
Start 150 kHz #Res BW 10 kHz		V 30 kHz*			Stop 30.00 MH 368 ms (6001 pts	



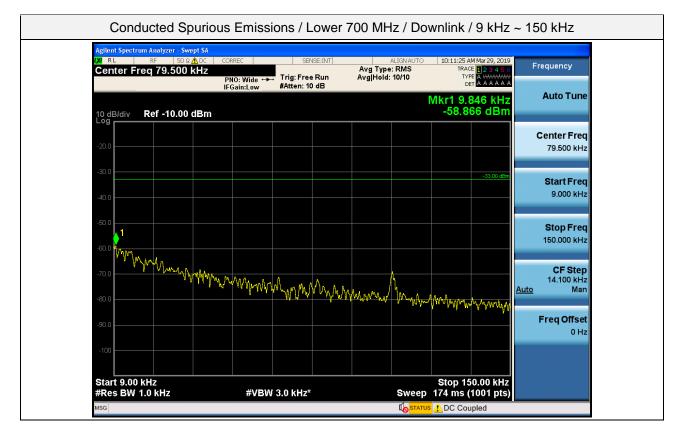


XM RL RF 50 Center Freq 5.9580	IQ AC CORREC		SENSE:INT	ALIGN AU Avg Type: RMS		PM Apr 01, 2019 CE <mark>1 2 3 4 5 6</mark> PE A WWWWW	Frequency
	PNO: IFGair		Free Run en: 20 dB	Avg Hold: 10/10	D		Auto Tune
10 dB/div Ref 10.00) dBm				Mkr1 9.54 -40.0	3 3 GHz 13 dBm	Autorune
Log							Center Freq
0.00							5.958000000 GHz
-10.0							
						-13.00 dBm	Start Freq 1.916000000 GHz
-20.0							1.91000000 GH2
-30.0							Stop Freq
-40.0						• 1	10.000000000 GHz
no o new Avelen di Mana a Main	n dia mangang dan kana dia sa kana di	an all a statistical a sur dall Reserve a sur a su	n ta di selata di la subati di subati di subati di selata di selata di selata di selata di selata di selata di Nationali di selata di	de la la casa de la dela de secueixa en la casa de la casa en la casa de la casa d	a an	and a state of the second s	CF Step
ملغ <u>کار میں میں میں اور اور اور اور میں میں میں میں میں میں میں میں میں میں</u>	a da na sa	h di					808.400000 MHz Auto Man
-60.0							
-70.0							Freq Offset 0 Hz
-80.0							0 Hz
Start 1.916 GHz					Stop 10	.000 GHz	



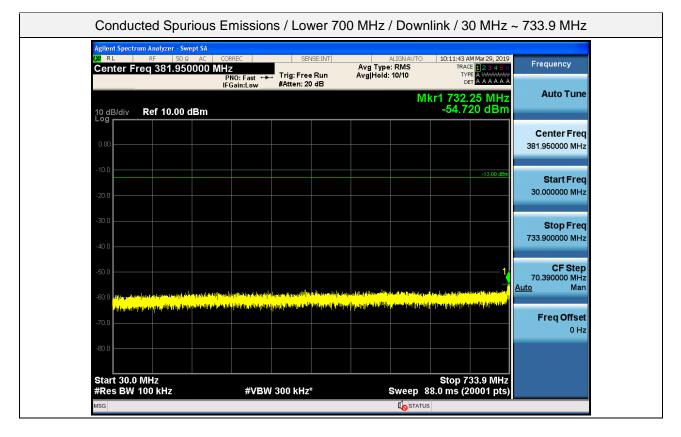






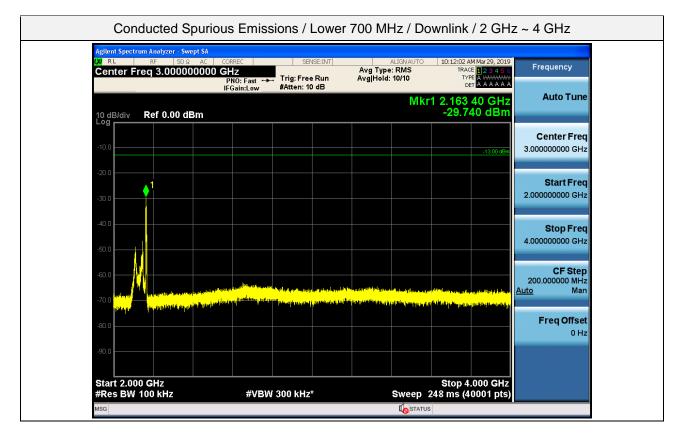
Agilent Spectrum Analyzer - Swept SA IXI RL RF 50 Ω ▲ DC		NSE:INT ALIGN AUT		Frequency
Center Freq 15.075000	MHZ PNO: Fast ↔→→ Trig: Free IFGain:Low #Atten: 10		TRACE 123456 TYPE A WAWAAA DET A A A A A A	Frequency
	IFGain:Low Potter. In		Mkr1 155 kHz	Auto Tune
10 dB/div Ref -10.00 dBm	I		-59.897 dBm	
-20.0				Center Freq
-20.0			-23.00 dBm	15.075000 MHz
-30.0				Start Freq
-40.0				150.000 kHz
-50.0				
1				Stop Freq 30.000000 MHz
-60.0 🗧				
-70.0				CF Step 2.985000 MHz
-80.0	un bandar bandan timu terrete barar seran an bada a	ina, auto Meridan Dar mitter Jaam Print Tohmak	ta saadadi bilingi koor it ya ku fine ya bili yaa ku ku	<u>Auto</u> Man
	and taking a pater many of take being par	da pos postas deservados da procesti da pelo posta de serva da presa da posta Anadoga la nalmene estas negas procedas y posta por la deserva da posta da posta da posta da posta da posta da Anadoga la nalmene estas negas procedas y posta posta posta da posta da posta da posta da posta da posta da pos	We want the first of the Appendix start from the later	Freq Offset
-90.0				0 Hz
-100				
			Stop 30.00 MHz	





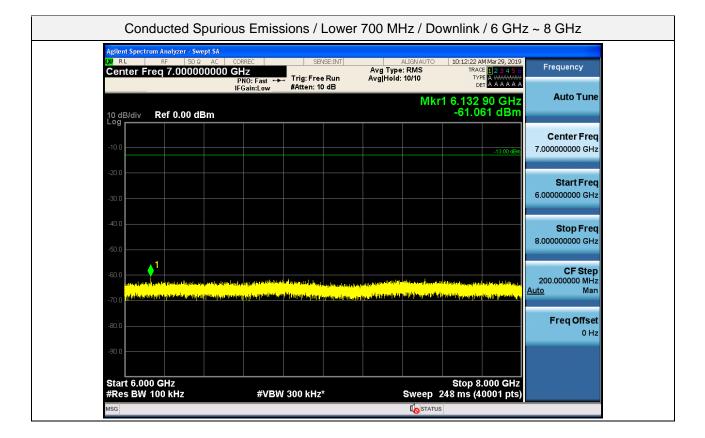
10 dB/div Ref 10.00 dBm -38.508 dBm Cente	
IC dB/div Ref 10.00 dBm Center 20 dB Center	Tune
10 dB/div Ref 10.00 dBm -38.508 dBm Cente	
Cente	
	r Frea
0.00	
-10.0	
Star	t Freq
	0 111 12
-30.0	Freq
-40.0	0 GHz
	Step
-50.0	
	Wall
	Offset
	0 Hz
-80.0	
Start 746.1 MHz Stop 2.0000 GHz	



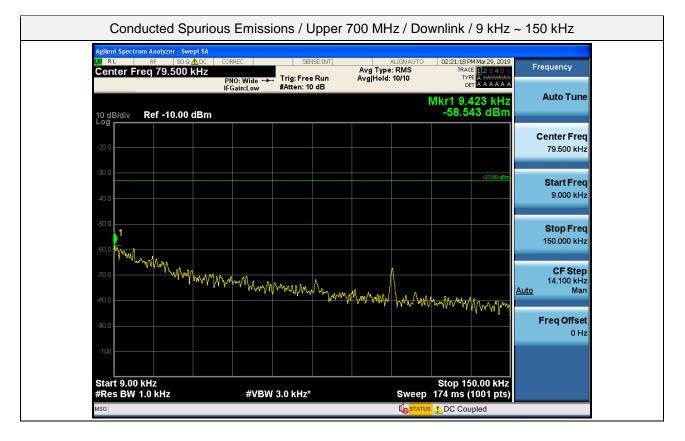


-20.0
Star
40.0
40.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
-30.0
40.0
40.0 5top 6.0000000
Image: star Star 100
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0 Star 0 5 0 5 0 5
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10
o dB/div Ref 0.00 dBm -61.192 dBm



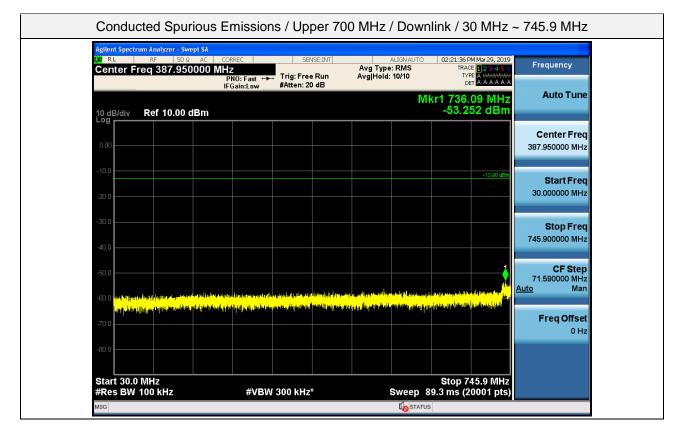




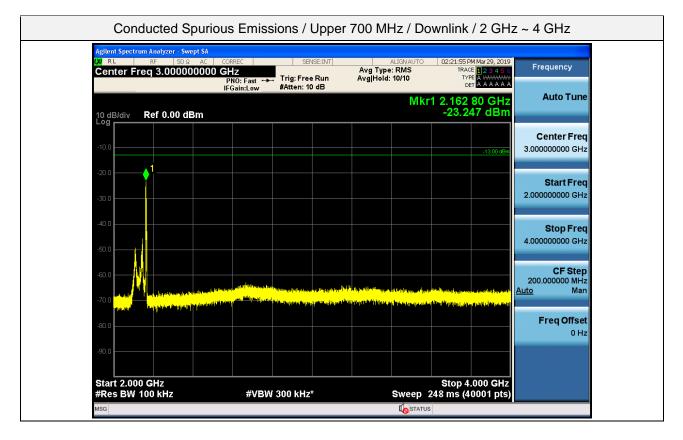


	SE:INT ALIGN A		Frequency
	Run Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE A WWWMM DET A A A A A A	Frequency
IFGain:Low #Atten: 10	40	Mkr1 150 kHz	Auto Tune
1		-57.999 dBm	
			Center Freq
		-23.00 dBm	15.075000 MHz
			Start Freq
			150.000 kHz
			Stop Freq 30.000000 MHz
			CF Step 2.985000 MHz
	to broching, being bing and a literation	n blev og stelester i stere af uter og en brigter	<u>Auto</u> Man
and the state of the second		a statis of state, for all post if a part of the state of the state.	Freq Offset
			0 Hz
	MHz PN0: Fast	MHz Avg Type: RMS PN0: Fast +++ Trig: Free Run #Atten: 10 dB Avg Hold: 10/10	MHz PN0: Fast + IFGain:Low Trig: Free Run Avg Hold: 10/10 TYPE AVAILABLE TYPE AVAILABLE Avg Hold: 10/10 TYPE AVAILABLE TYPE AV



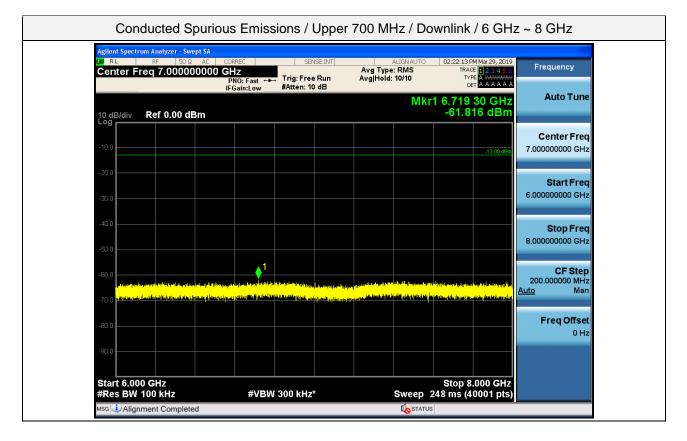






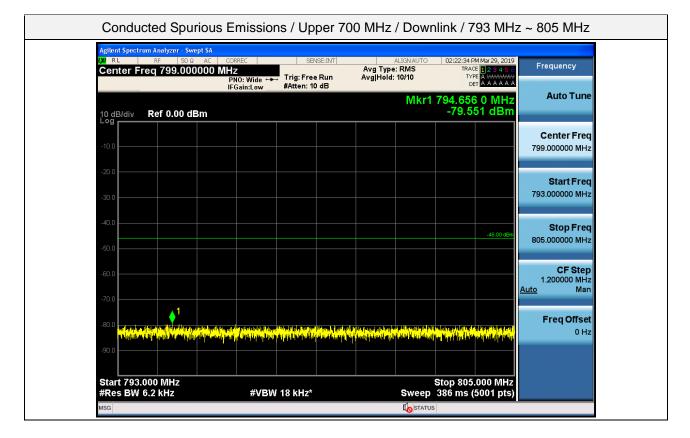
Agilent Spectrum Analyzer - Swept μ RF 50 Ω Center Freq 5.000000 50 Ω 1	AC CORREC	SEN	SE:INT	ALIGN AUTO		M Mar 29, 2019	Frequency
Center Freq 5.000000	PNO: Fast ← IFGain:Low	Trig: Free #Atten: 10	Run Avş	Hold: 10/10	TYP DE	E 1 2 3 4 5 6 E A WWWWW T A A A A A A	
10 dB/div Ref 0.00 dBn	า			Mk	r1 5.618 -60.90	10 GHz 02 dBm	Auto Tune
Log							Center Freq
-10.0						-13.00 dBm	5.000000000 GHz
-20.0							Start Freq
-30.0							4.000000000 GHz
-40.0							Oton From
-50.0							Stop Freq 6.000000000 GHz
-90.0					1		CF Step
-60.0	الم	in the second state of the second states of the second states of the second states of the second states of the	abdeed being and	aan gerada oo ahada dada dada dada dada dada da			200.000000 MHz Auto Man
-70.0 Use provide the description of the second sec	unitation processions	<mark>الاستغار المتراجمين الري</mark> دي	alifi dali nilifi dali kulon da atalah	ىلار يەلەر يەلەرلىيە بەر بارىخەر سى	n an the mail of the second	antinelitienterin.	<u>rtato</u> man
-80.0							Freq Offset 0 Hz
-90.0							0 H2
Start 4.000 GHz #Res BW 100 kHz	41/D	W 300 kHz*		Cuusan	Stop 6. 248 ms (4	.000 GHz	





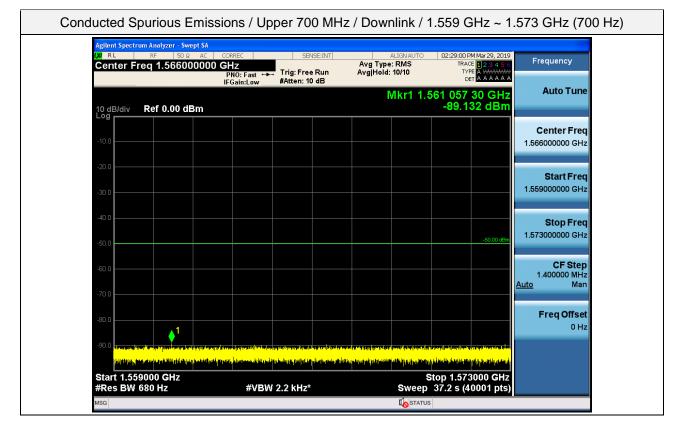
Agilent Spectrum Analyzer - Swept (χ) RL RF 50 Ω 4	AC CORREC	SENSE:INT	ALIGN AUTO	02:22:24 PM Mar 29, 2019	Frequency
Center Freq 769.0000	DO MHZ PNO: Wide ↔→ IFGain:Low	Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg Hold: 10/10	TRACE 123456 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 0.00 dBm			Mkr1	772.446 4 MHz -79.655 dBm	Auto Tune
Log					Center Freq
-10.0					769.000000 MHz
-20.0					
-30.0					Start Freq 763.000000 MHz
-30.0					
-40.0				-46.00 dBm	Stop Freq
-50.0					775.000000 MHz
-60.0					CF Step
					1.200000 MHz <u>Auto</u> Man
-70.0				1	
-80.0	da ar da a da baran da baran da baran da	a sin a line sin a din a sin a	dini, dan pangka kata pinak bandan ang bana Manang Pangka ng banda mangka pangka ng bang mang		Freq Offset 0 Hz
-90.0		and built and and and	and the letter design of a limit of a	all and the second s	
Start 763.000 MHz #Res BW 6.2 kHz	#VBW [/]	10 1/11=*	0	Stop 775.000 MHz 386 ms (5001 pts)	





Agilent Spectrum Analyzer - Swept SA				
Center Freq 1.58450000		Avg Type: RMS n Avg Hold: 10/10	02:22:41 PM Mar 29, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 0.00 dBm		Mkr	1 1.604 237 GHz -58.696 dBm	Auto Tune
-10.0				Center Freq 1.584500000 GHz
-20.0				Start Freq 1.559000000 GHz
-40.0			-40.00 dBm	Stop Freq
-50.0	rahuurnahurnhaaduurnhyrhenayudaayu	LALos A Locat Administration and set of the set of the	1	CF Step 5.100000 MHz
-70.0	and a second	d. 4. on a 1998 A. 1.0 L. con 1. Ma Bale .	- Mar office of a second s	<u>Auto</u> Man
-80.0				Freq Offset 0 Hz
-90.0			Stop 1 61000 CH-	
Start 1.55900 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	0	Stop 1.61000 GHz 1.00 ms (1001 pts)	

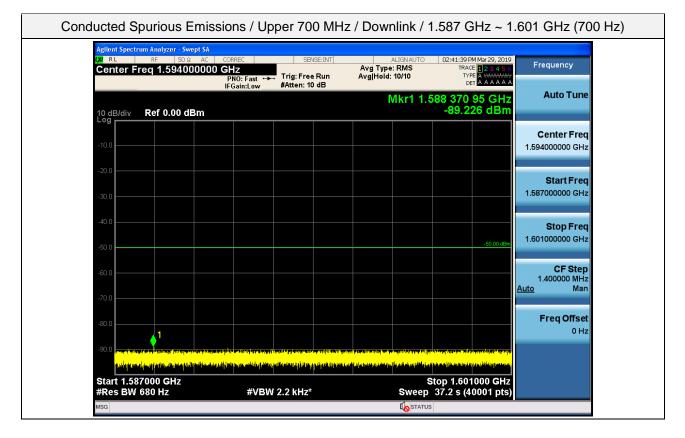




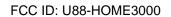
Agilent Spectrum Analyzer - Swept S V/ RL RF 50 Ω A Center Freq 1.5800000	AC CORREC SENSE:INT	ALIGN AUTO 02: Avg Type: RMS	35:21 PM Mar 29, 2019 TRACE 12 3 4 5 6 Free	luency
	PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 10 dB	Avg Hold: 10/10	TYPE A WWWWW DET A A A A A A	
10 dB/div Ref 0.00 dBm	1	Mkr1 1.586 -{	291 95 GHz ^A 9.236 dBm	uto Tune
			Ce	nter Freq
-10.0			1.5800	00000 GHz
-20.0				Start Freq
-30.0				00000 GHz
-40.0				Stop Freq
-50.0				00000 GHz
				CF Step
-60.0			1.4 Auto	00000 MHz Man
-70.0				
-80.0			Fr	eq Offset 0 Hz
-90.0 and the second of the second state of th	a lag filman Alba ang na kan kan Jawa (alba kan panas Bartana Bartana Bartana ang si ka manasing panangan.	later of a state of the solution of the soluti	17 38 17 1 111 17 17 17 17 17 17 17 17 17 17	
Start 1.573000 GHz	and and a second provide the second secon		1.587000 GHz	



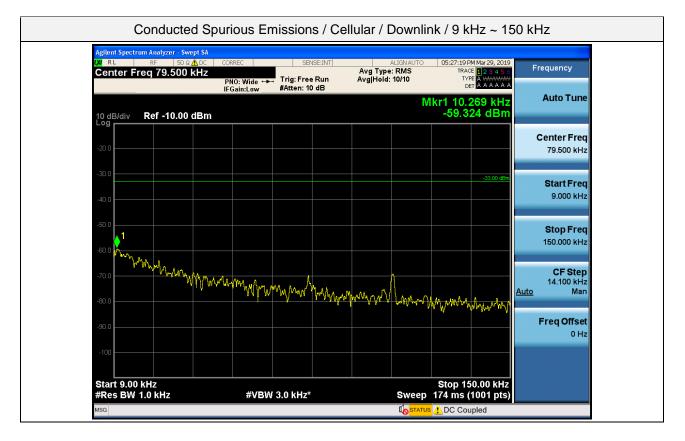




Center Freq 1.605500000 (CORREC SENSE:INT GHZ PNO: Wide ↔→ Trig: Free Run #Atten: 10 dB	ALIGNAUTO Avg Type: RMS Avg Hold: 10/10	02:45:45 PM Mar 29, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
10 dB/div Ref 0.00 dBm	IFGain:LUW Hotel, IO VE	Mkr1 1.	606 147 1 GHz -88.833 dBm	Auto Tune
-10.0				Center Freq 1.605500000 GHz
-20.0				Start Freq 1.601000000 GHz
-40.0				Stop Freq
-60.0			-50.00 dBm	1.610000000 GHz CF Step
-70.0				900.000 kHz <u>Auto</u> Man
-80.0		1		Freq Offset 0 Hz
-90.0 Results for a lighter state of the state for the state of the st	agen frederingen an er an gebreiten an er an Er er er an er a	ella, Adella Adeleitistella da Attacesta da in		







Agilent Spectrum An	F 50Ω/	🚹 DC 🔋 COF	REC	SE	NSE:INT		ALIGN AUTO	05:27:30 F	M Mar 29, 2019	Frequency
Center Freq	15.0750	P	NO: Fast ↔ Gain:Low	Trig: Fre #Atten: 1		Avg Type Avg Hold:		TRAC TYI DI	E 1 2 3 4 5 6 E A WWWWW A A A A A A A	requercy
10 dB/div Re	ef -10.00 c		5011.20#						155 kHz 90 dBm	Auto Tune
Log -20.0										Center Freq
-30.0									-23.00 dBm	15.075000 MHz
-40.0										Start Freq 150.000 kHz
-50.0										Oton From
-60.0										Stop Freq 30.000000 MHz
-70.0										CF Step 2.985000 MHz
-80.0 - <mark>Ny 1</mark>					a tajingin jaga malay is	i da ali trataren tu			्रास्त्रेत्तं कृत्रं ज्ञान्त्रां कर्णन्तः सार्वे स्वर्णन्त्रान्त्री स्वर्णन्त	<u>Auto</u> Man
-90.0	الم الم الم الم الم الم الم	Linding	and a solution of the last of	la attenza (Mlocato	a de la construction de la construcción de la construcción de la construcción de la construcción de la constru La construcción de la construcción d	a dan su ser (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	titus a saturation	Freq Offset 0 Hz
-100										
Start 150 kHz #Res BW 10 l				/ 30 kHz*					0.00 MHz 6001 pts)	