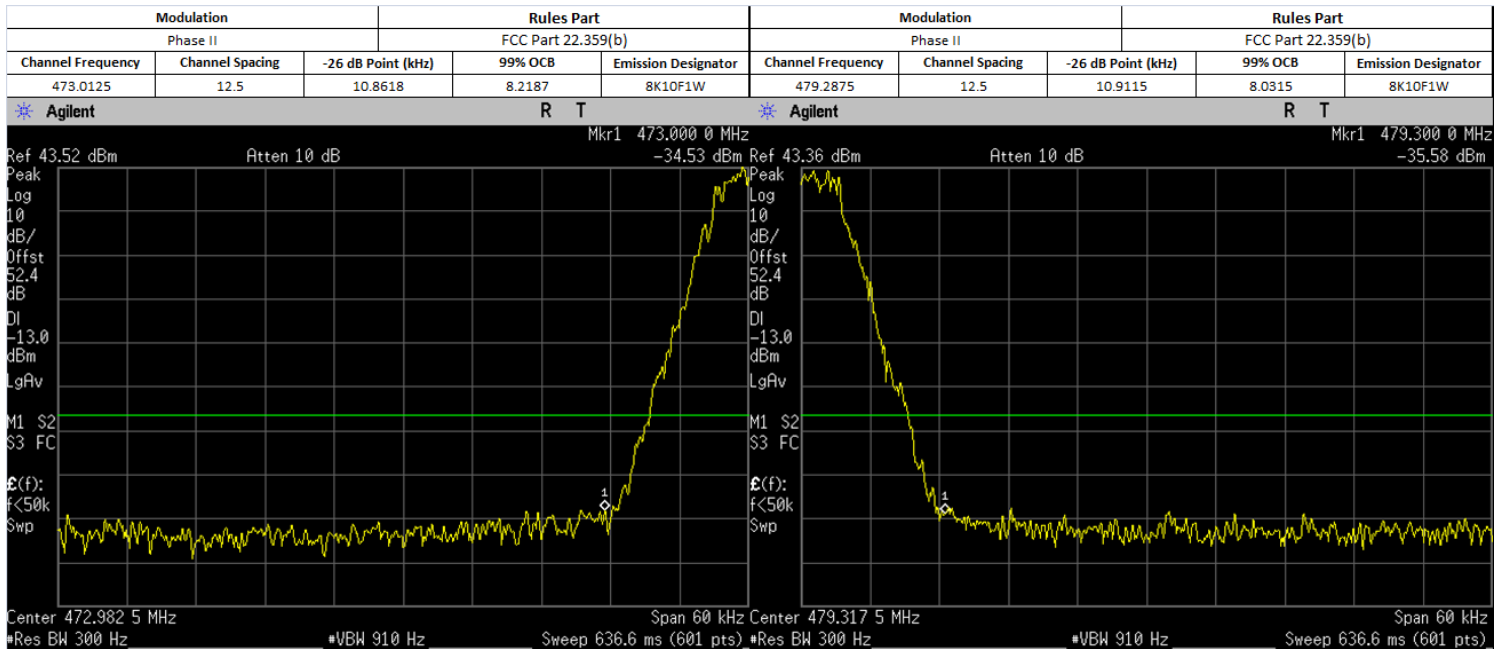
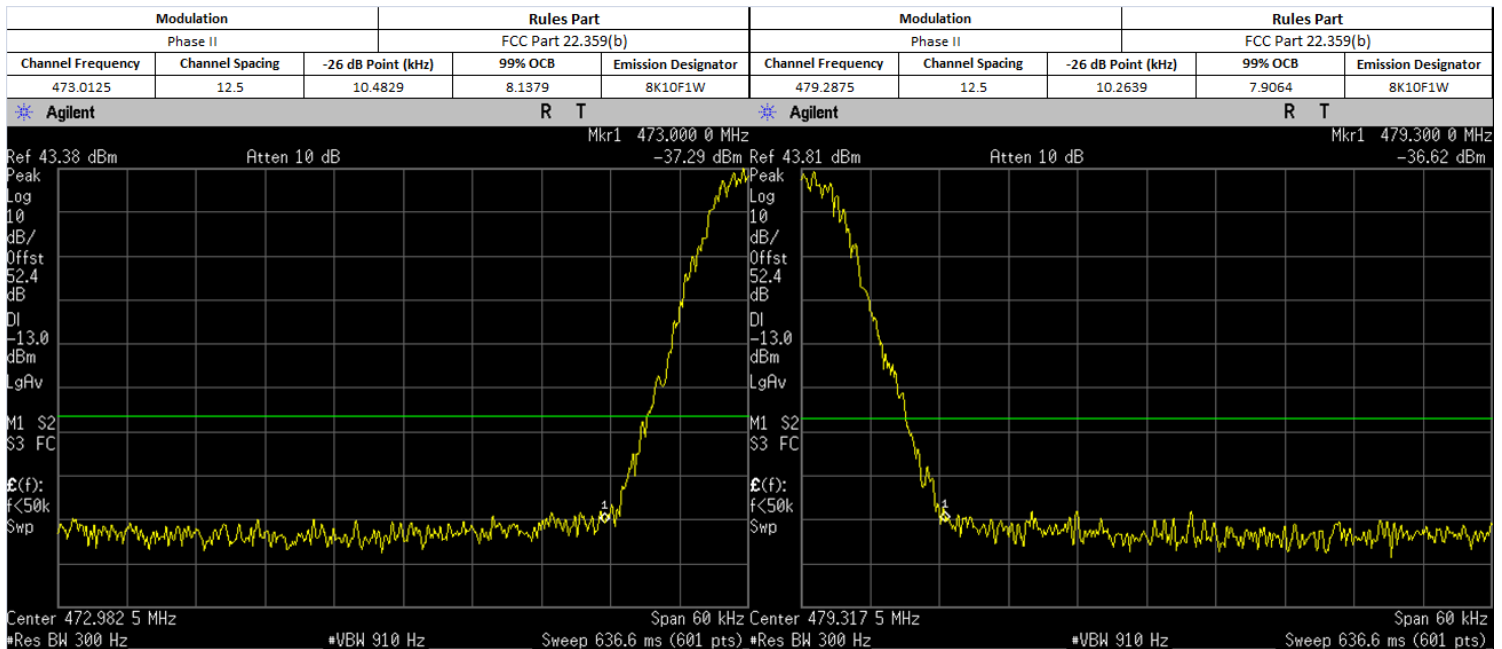


MAX POWER



LOW POWER

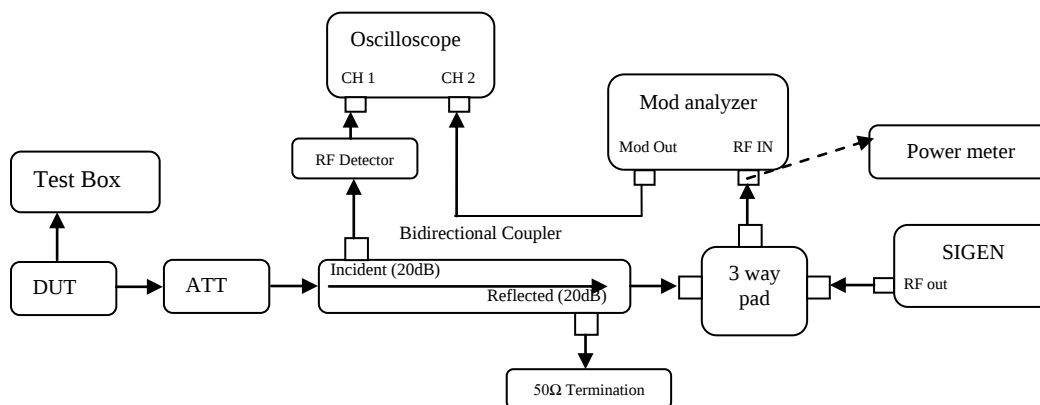


6.7.5. Test Limit

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.

6.8. Transient Frequency Behavior

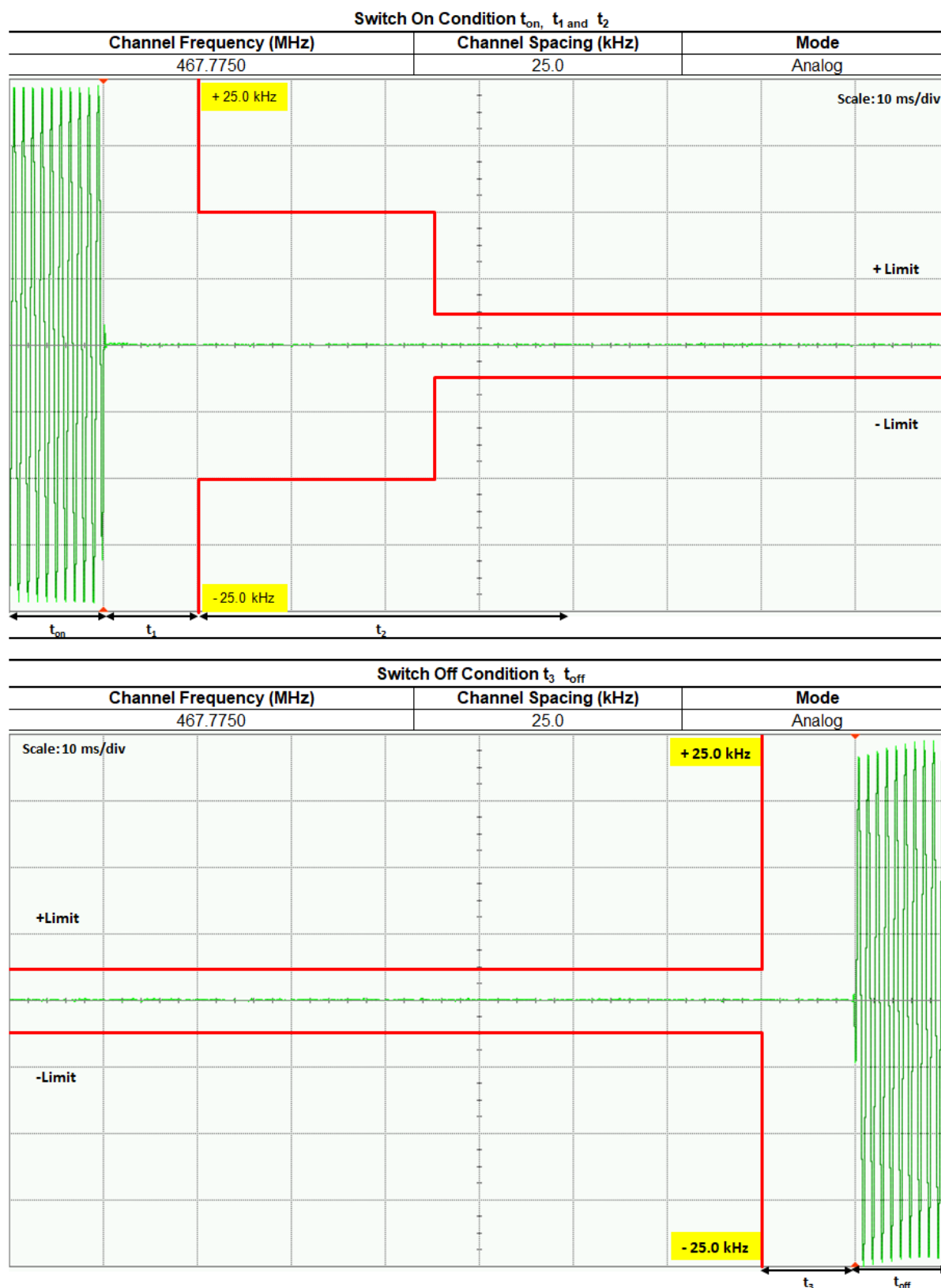
6.8.1. Test Setup

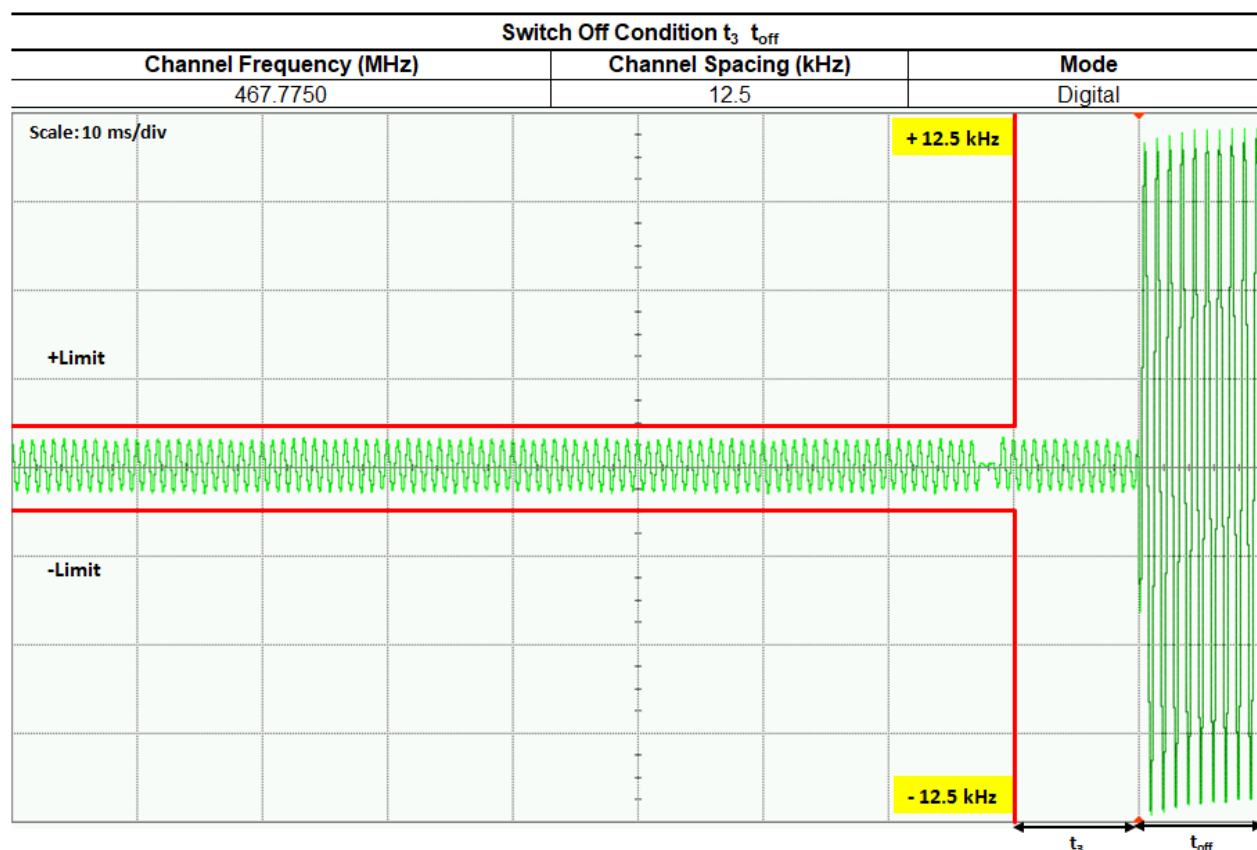
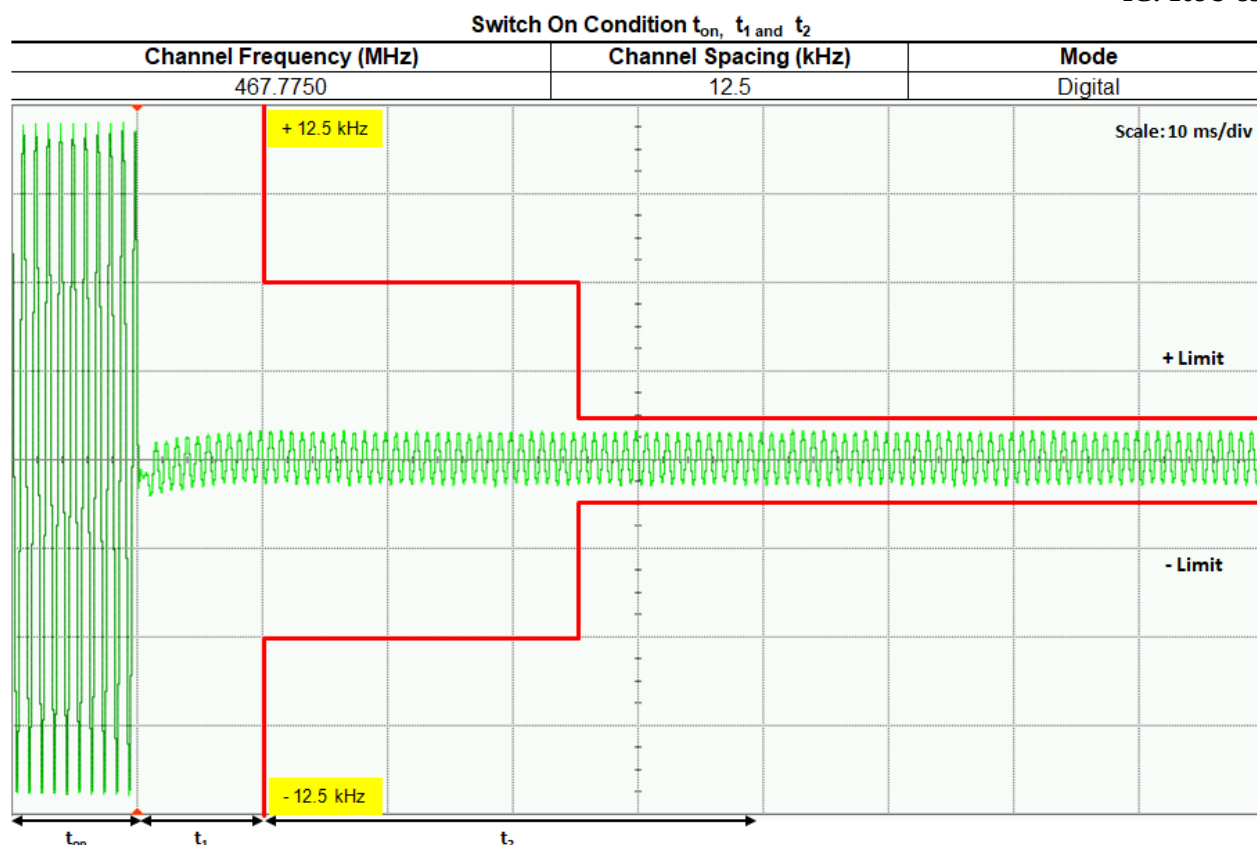


- 1) Connect the setup as figure above.
- 2) Path loss for the measurement included.
- 3) Set on Siggen with the assigned center frequency, internal 1 kHz FM tone.
FM Deviation: Analog 25kHz Channel Spacing = 25 kHz
Analog 12.5 kHz Channel Spacing = 12.5 kHz
C4FM = 12.5 kHz
- 4) Turn on 50 kHz high pass filter and 15 kHz low pass filter on modulation analyzer.
- 5) Supply sufficient attenuation ATT to provide the output power of $\leq -11\text{dBm}$ into power meter when DUT is keying up.
- 6) Note the power level on power meter and dekey the DUT.
- 7) Adjust the amplitude of the signal generator to the level power meter, maintained the amplitude throughout the rest of the measurement.
- 8) Connect the output to modulation analyzer.
- 9) Reduce 30dB attenuation and transmit the radio to get the trigger line.
- 10) Capture the screen shot for key-up (rising edge) and de-key (falling edge) mode.

6.8.2. Test Result

Not for FCC review





6.8.3. Test Limit

Transmitters designed to operate in the 150-174 MHz and 421-512 MHz frequency bands must maintain transient frequencies within the maximum frequency difference limits during the time intervals indicated:

Time intervals ^{1 2}	Maximum frequency difference ³	All equipment	
		150 to 174 MHz	421 to 512 MHz
Transient Frequency Behavior for Equipment Designed to Operate on 25 kHz Channels			
t ₁ ⁴	±25.0 kHz	5.0 ms	10.0 ms
t ₂	±12.5 kHz	20.0 ms	25.0 ms
t ₃ ⁴	±25.0 kHz	5.0 ms	10.0 ms
Transient Frequency Behavior for Equipment Designed to Operate on 12.5 kHz Channels			
t ₁ ⁴	±12.5 kHz	5.0 ms	10.0 ms
t ₂	±6.25 kHz	20.0 ms	25.0 ms
t ₃ ⁴	±12.5 kHz	5.0 ms	10.0 ms
Transient Frequency Behavior for Equipment Designed to Operate on 6.25 kHz Channels			
t ₁ ⁴	±6.25 kHz	5.0 ms	10.0 ms
t ₂	±3.125 kHz	20.0 ms	25.0 ms
t ₃ ⁴	±6.25 kHz	5.0 ms	10.0 ms

¹_{on} is the instant when a 1 kHz test signal is completely suppressed, including any capture time due to phasing.

t₁ is the time period immediately following t_{on}.

t₂ is the time period immediately following t₁.

t₃ is the time period from the instant when the transmitter is turned off until t_{off}.

t_{off} is the instant when the 1 kHz test signal starts to rise.

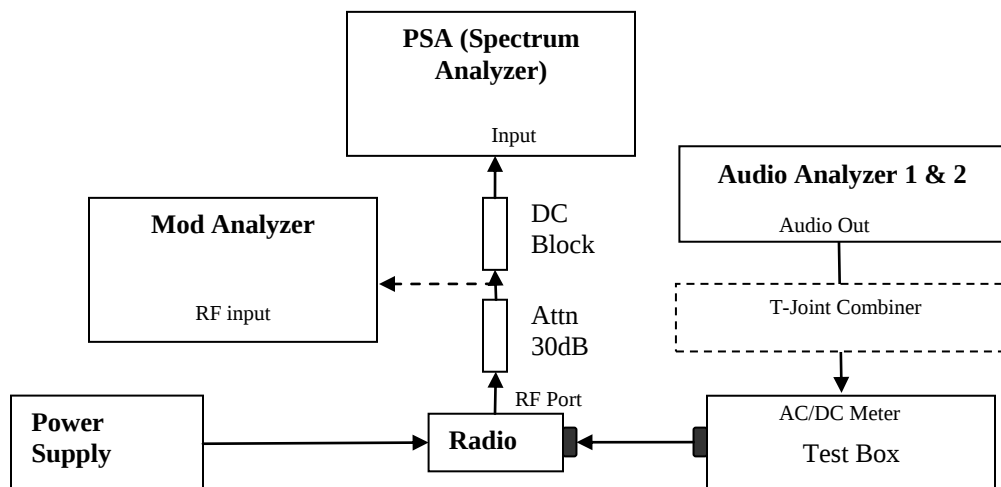
² During the time from the end of t₂ to the beginning of t₃, the frequency difference must not exceed the limits specified in §90.213.

³ Difference between the actual transmitter frequency and the assigned transmitter frequency.

⁴ If the transmitter carrier output power rating is 6 watts or less, the frequency difference during this time period may exceed the maximum frequency difference for this time period.

6.9. Adjacent Channel Power

6.9.1. Test Setup (Analog)

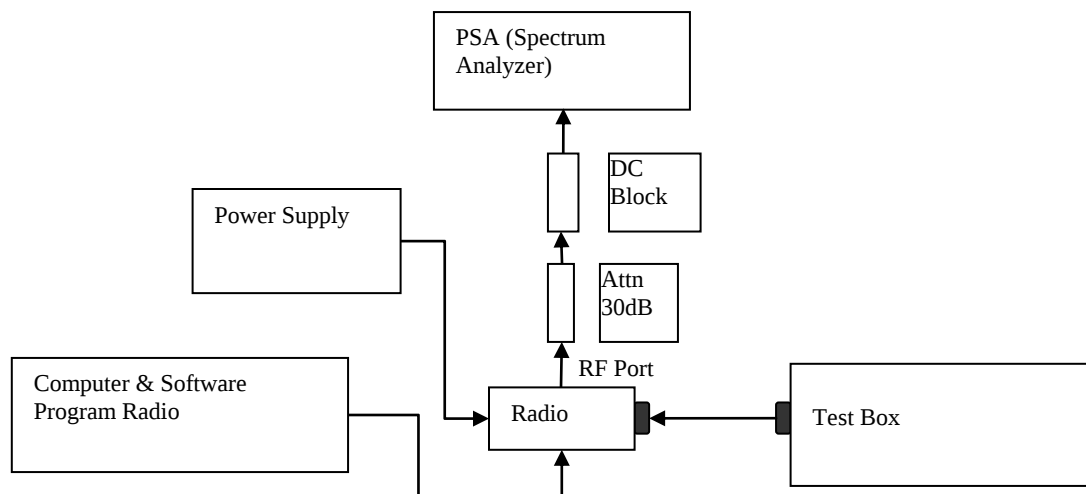


- 1) The DUT transmitter output port was connected to modulation analyzer.
- 2) Transmit the radio and turn on 1st audio analyzer with audio frequency 650Hz, 50% rated deviation, and record the amplitude value as AmpT1.
- 3) Turn off Audio analyzer 1 and turn on audio analyzer 2, set the audio frequency to 2.2 kHz and 50% deviation. Record the amplitude as AmpT2.
- 4) Turn both audio analyzers ON and up 10dB amplitude level.
- 5) Connect the output to PSA and set to assigned center frequency.
- 6) Set Span, Resolution Bandwidth and Video Bandwidth per rules part.
- 7) Transmit the radio and record the Adjacent Channel Power value in dBc.

6.9.2. Test Result

Not Applicable

6.9.3. Test Setup (Digital)



- 1) Program and set radio to operate in desire test frequency and digital mode with modulation. (4FSK, C4FM or other digital modulation form).
- 2) Prepare setup as per picture.
- 3) Turn on the ACP Measurement – Press Measure, ACP.
- 4) Set Span, Resolution Bandwidth and Video Bandwidth as per rules part.
- 5) Transmit the radio and record the Adjacent Channel Power value in dBc.

6.9.4. Test Result

Not Applicable

6.9.5. Test Limit

12.5 kHz MOBILE TRANSMITTER ACP REQUIREMENTS

Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP relative (dBc)
9.375	6.25	-40
15.625	6.25	-60
21.875	6.25	-60
37.50	25.00	-60
62.50	25.00	-65
87.50	25.00	-65
150.00	100	-65
250.00	100	-65
350.00	100	-65
>400 to 12 MHz	30 (s)	-75
12 MHz to paired receive band	30 (s)	-75
In the paired receive band	30 (s)	-100

25 kHz MOBILE TRANSMITTER ACP REQUIREMENTS

Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP relative (dBc)
15.625	6.25	-40
21.875	6.25	-60
37.50	25	-60
62.50	25	-65
87.50	25	-65
150.00	100	-65
250.00	100	-65
350.00	100	-65
>400 kHz to 12 MHz	30 (s)	-75
12 MHz to paired receive band	30 (s)	-75
In the paired receive band	30 (s)	-100

12.5 kHz BASE TRANSMITTER ACP REQUIREMENTS

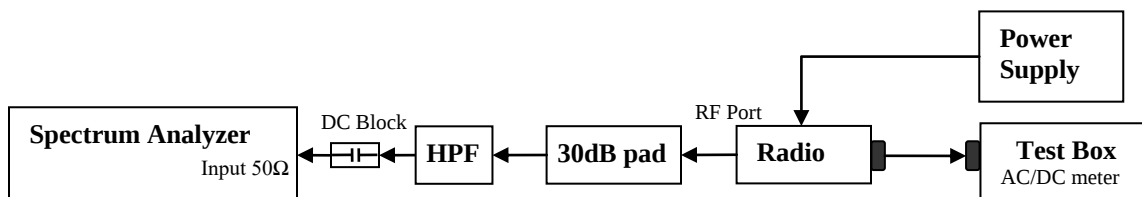
Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP (dBc)
9.375	6.25	-40
15.625	6.25	-60
21.875	6.25	-60
37.5	25	-60
62.5	25	-65
87.5	25	-65
150	100	-65
250	100	-65
350.00	100	-65
>400 kHz to 12 MHz	30 (s)	-80
12 MHz to paired receive band	30 (s)	-80
In the paired receive band	30 (s)	¹ -85

25 kHz BASE TRANSMITTER ACP REQUIREMENTS

Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP (dBc)
15.625	6.25	-40
21.875	6.25	-60
37.5	25	-60
62.5	25	-65
87.5	25	-65
150	100	-65
250	100	-65
350	100.00	-65
>400 kHz to 12 MHz	30 (s)	-80
12 MHz to paired receive band	30 (s)	-80
In the paired receive band	30 (s)	¹ -85

6.10. Conducted Spurious Emission

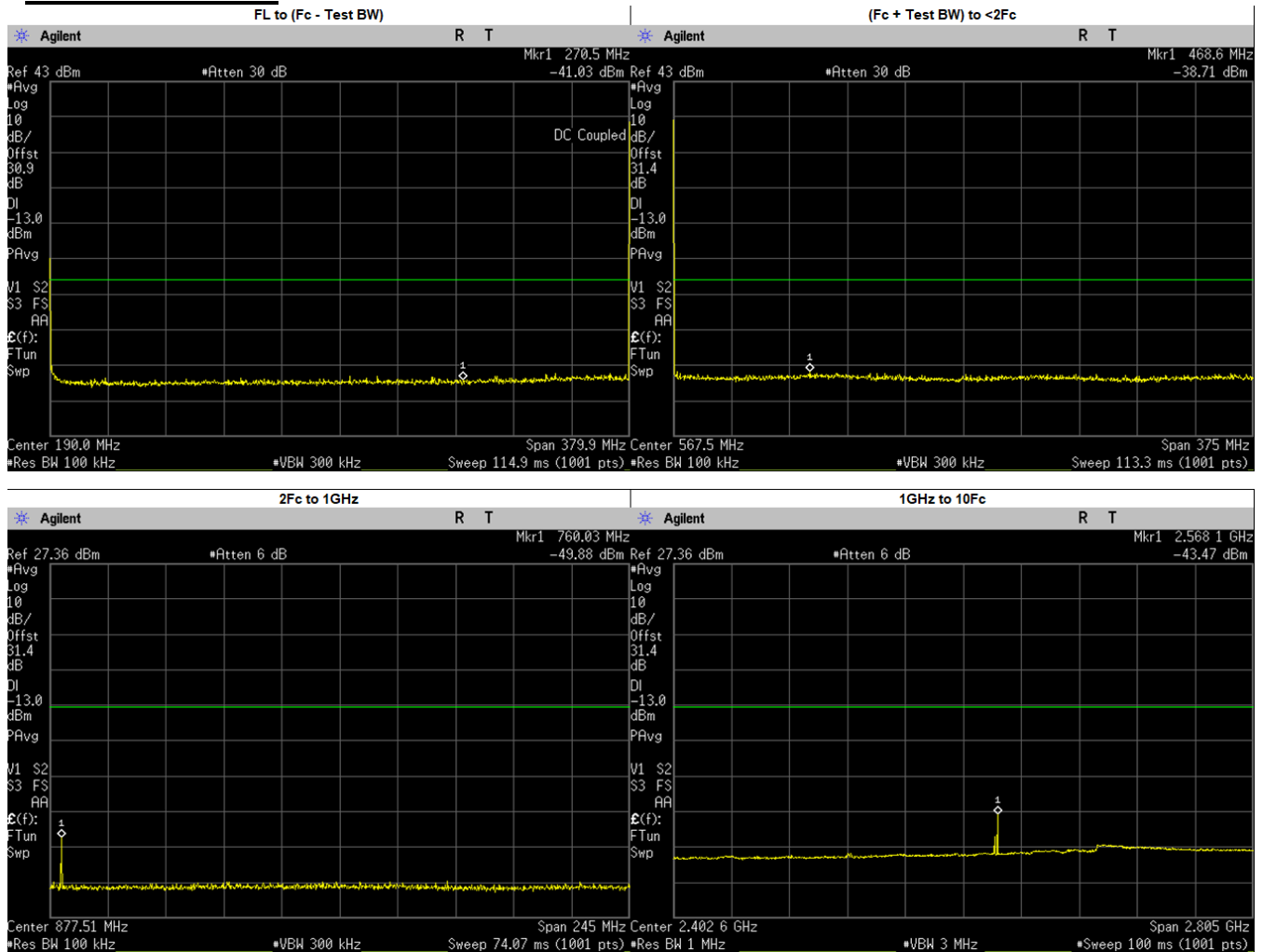
6.10.1. Test Setup



- 1) The DUT transmitter output port was connected to Spectrum Analyzer with above setup.
- 2) Program and set radio to operate in desire test frequency and mode. (Analog / digital modulation form).
- 3) Path loss for the measurement included.
- 4) Set the PSA Resolution Bandwidth as per rules part.
- 5) Set the Ref offset from the pathloss offset calibration file.
- 6) Adjust the center frequency of the spectrum analyzer for incremental coverage of the range from:
 - a. 9 KHz to $F_c - \text{Test Bandwidth}$
 - b. $F_c + \text{Test Bandwidth}$ to $2F_c - 5\text{MHz}$.
- 7) Key up the DUT, Peak Search the highest Spur and record the levels of spurious emissions
- 8) Dekey the DUT.
- 9) Turn On High Pass Filter path and Key up the DUT.
- 10) Adjust the PSA Freq for incremental coverage of range from $2F_c$ to $10F_c$
- 11) Key up the DUT and record the highest spur levels of spurious emissions.

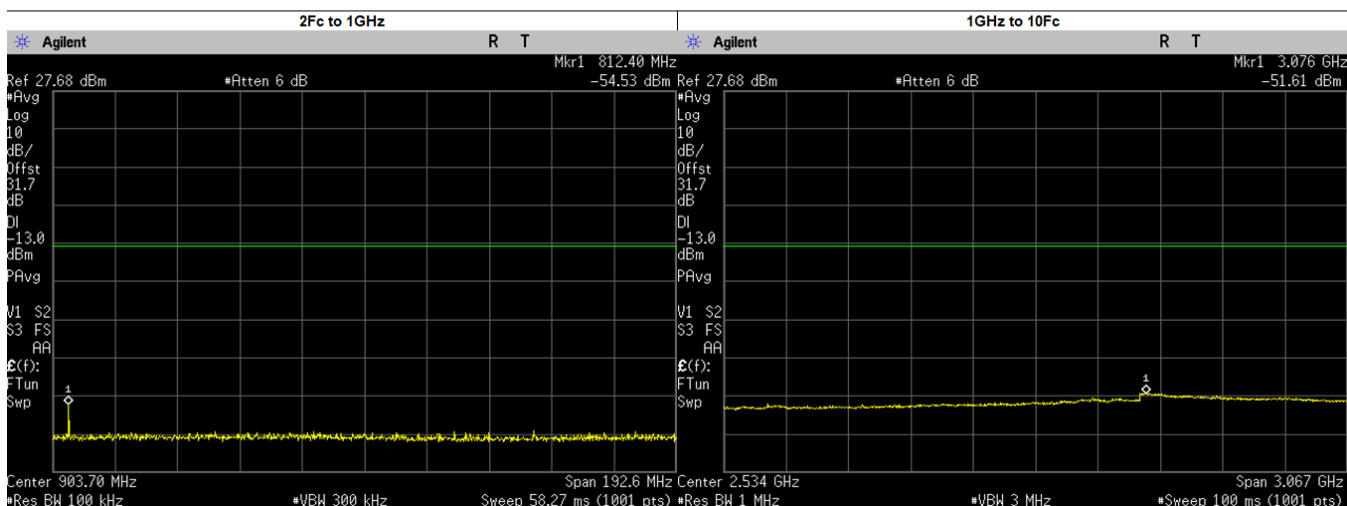
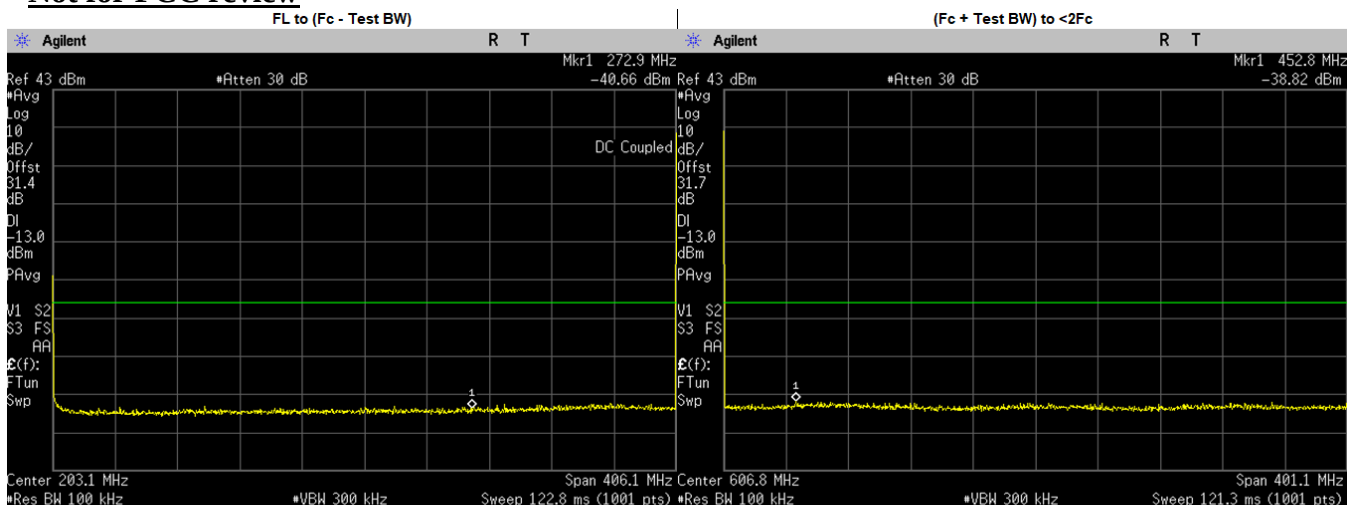
6.10.2. Test Result (Analog)

Analog: 380.0125. MHz, 25.0 kHz Channel Spacing, Max Power
Not for FCC review



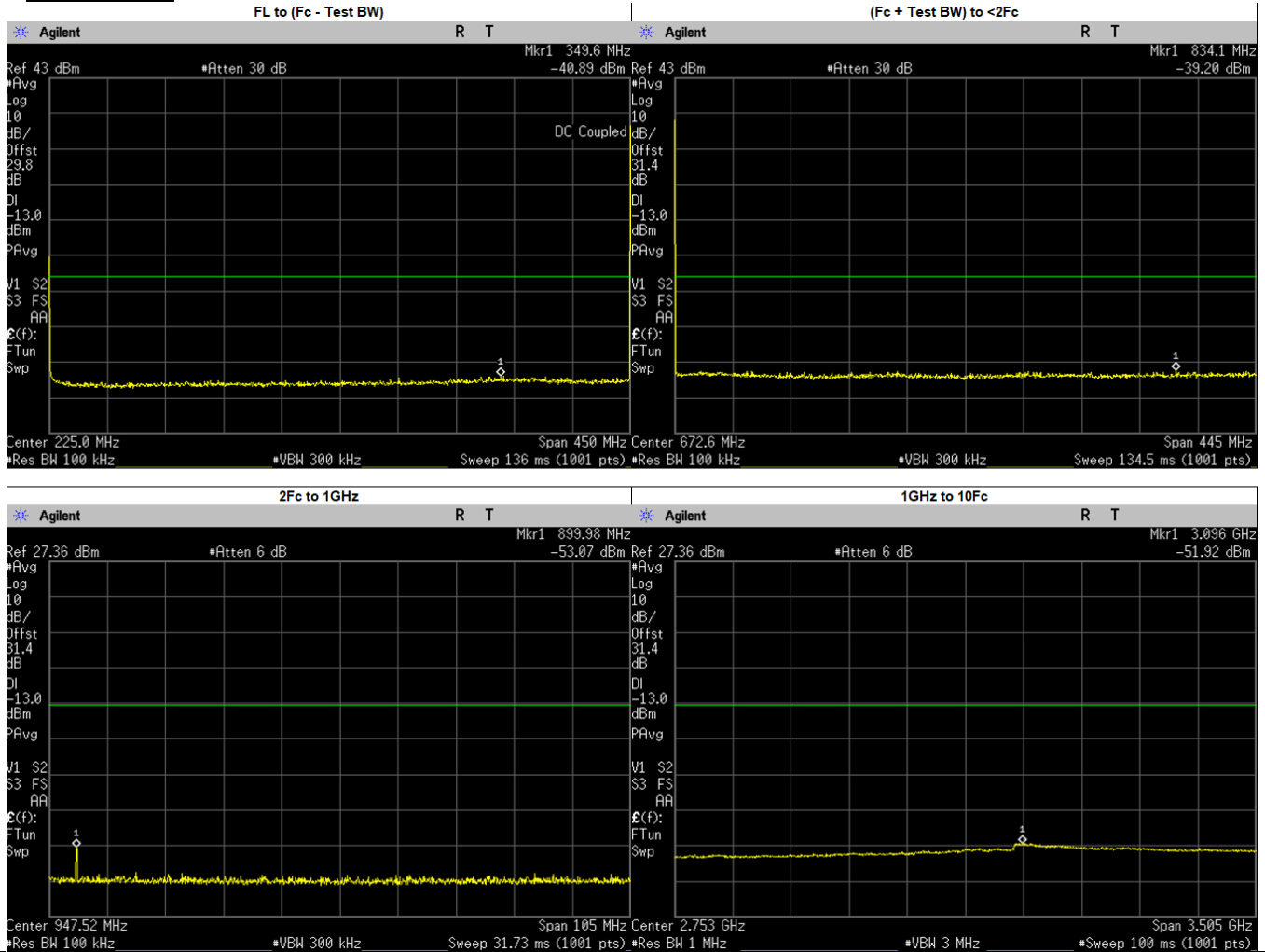
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	270.5000	-41.0340	-13.00	PASS
(Fc + Test BW) to <2Fc	468.5579	-38.7100	-13.00	PASS
2Fc to 1GHz	760.0300	-49.8800	-13.00	PASS
	760.0250	-52.2365	-13.00	PASS
1GHz to 10Fc	2568.0650	-43.4700	-13.00	PASS
	1140.0370	-55.6161	-13.00	PASS
	1520.0500	-55.5696	-13.00	PASS
	1900.0620	-55.5666	-13.00	PASS
	2280.0750	-55.1458	-13.00	PASS
	2660.0880	-54.2928	-13.00	PASS
	3040.1000	-53.5549	-13.00	PASS
	3420.1130	-53.1382	-13.00	PASS
	3800.1250	-53.6087	-13.00	PASS

Analog: 406.2. MHz, 25.0 kHz Channel Spacing, Max Power
Not for FCC review



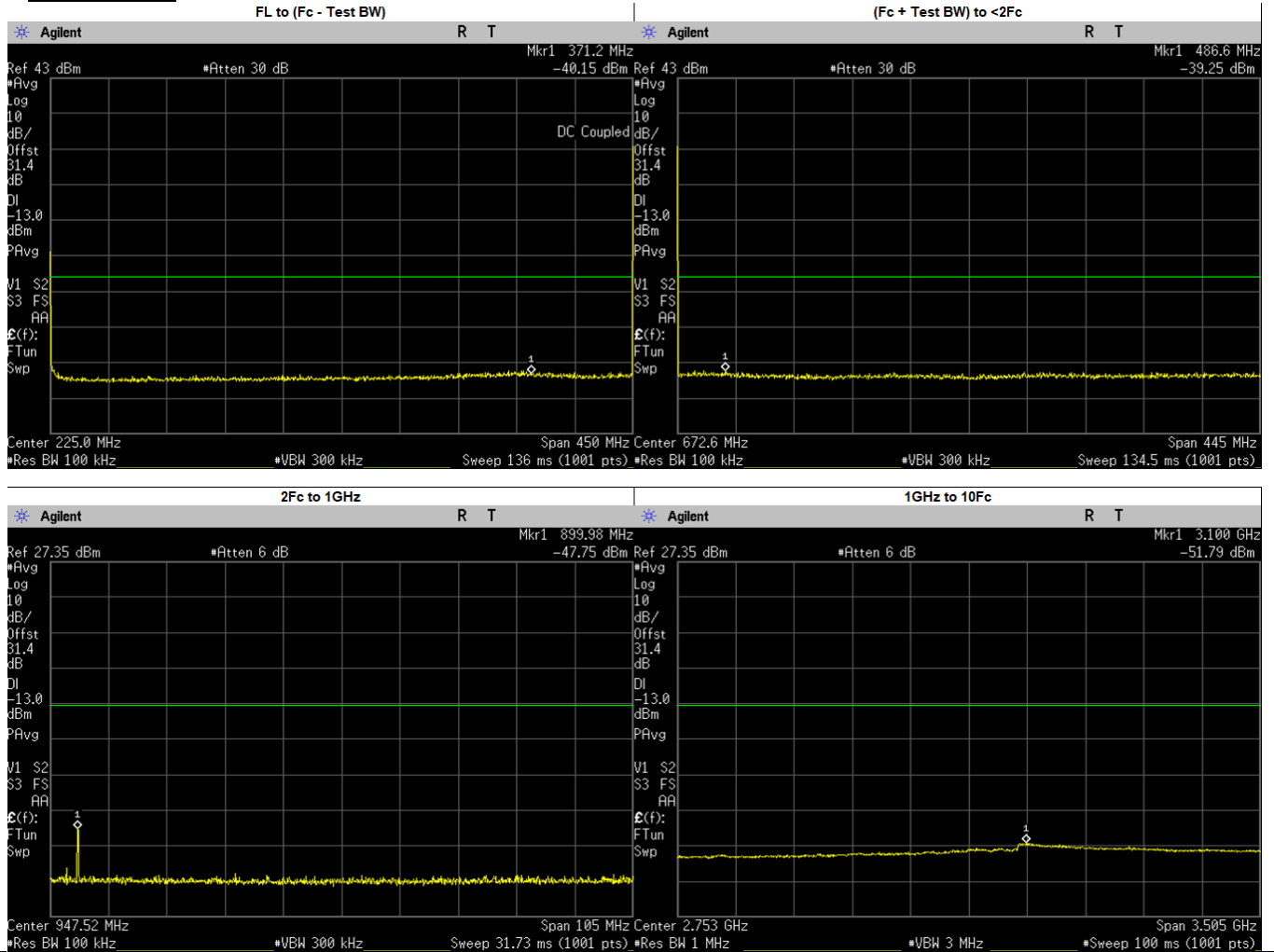
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	272.9000	-40.6610	-13.00	PASS
(Fc + Test BW) to <2Fc	452.7884	-38.8200	-13.00	PASS
2Fc to 1GHz	812.4000	-54.5300	-13.00	PASS
1GHz to 10Fc	3076.3590	-51.6100	-13.00	PASS
	1218.6000	-54.5020	-13.00	PASS
	1624.8000	-55.2937	-13.00	PASS
	2031.0000	-54.6988	-13.00	PASS
	2437.2000	-54.3851	-13.00	PASS
	2843.4000	-53.3269	-13.00	PASS
	3249.6000	-52.6465	-13.00	PASS
	3655.8000	-53.1298	-13.00	PASS
	4062.0000	-53.6873	-13.00	PASS

**Analog: 450.025. MHz, 25.0 kHz Channel Spacing, Max.Power
For Part 74**



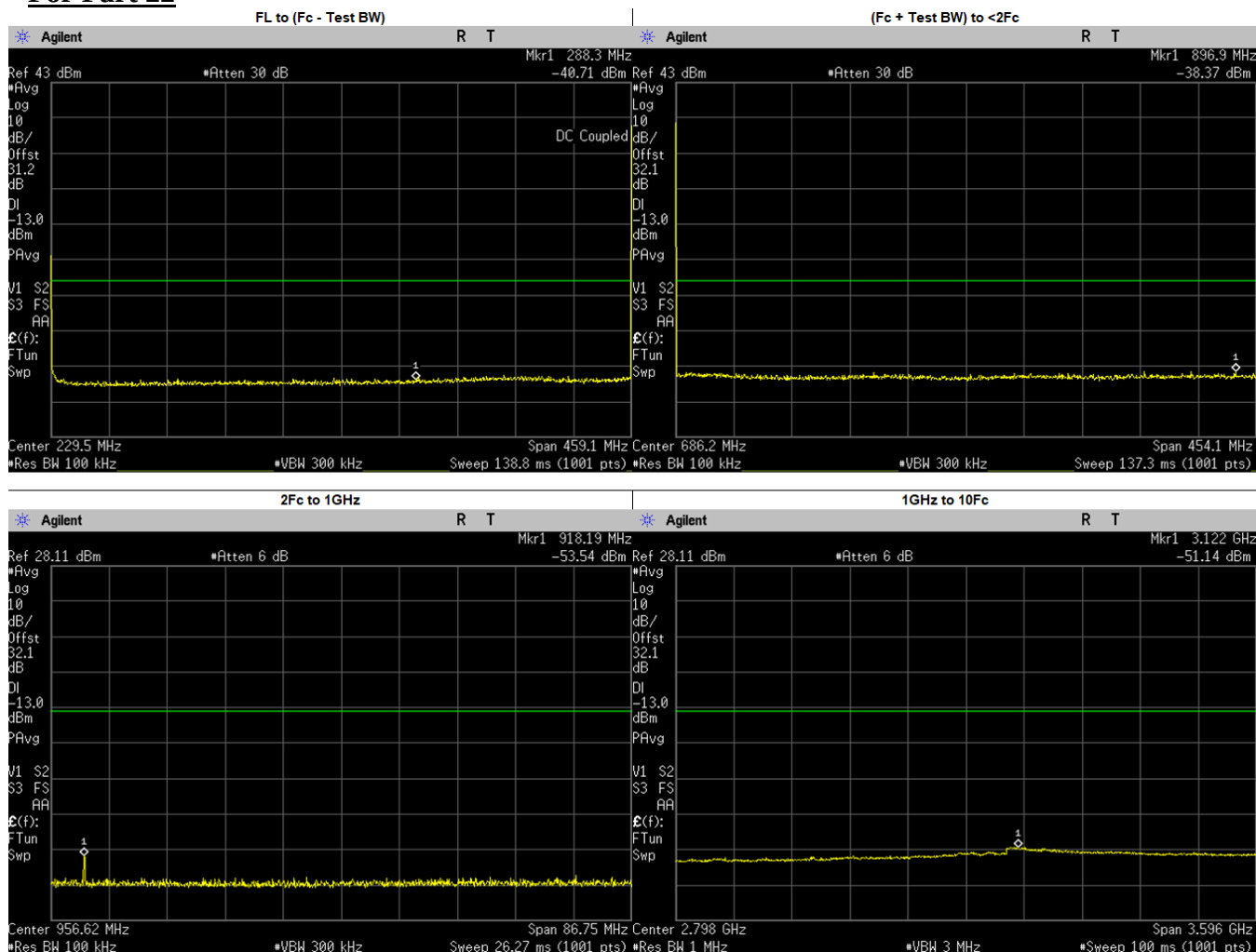
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	349.6000	-40.8870	-13.00	PASS
(Fc + Test BW) to <2Fc	834.0894	-39.2000	-13.00	PASS
2Fc to 1GHz	899.9827	-53.0700	-13.00	PASS
	900.0500	-53.2236	-13.00	PASS
1GHz to 10Fc	3096.0000	-51.9200	-13.00	PASS
	1350.0750	-55.7898	-13.00	PASS
	1800.1000	-55.5814	-13.00	PASS
	2250.1250	-55.1405	-13.00	PASS
	2700.1500	-54.1381	-13.00	PASS
	3150.1750	-52.1608	-13.00	PASS
	3600.2000	-53.2211	-13.00	PASS
	4050.2250	-53.8951	-13.00	PASS
	4500.2500	-54.0440	-13.00	PASS

**Analog: 450.025. MHz, 25.0 kHz Channel Spacing, Low Power
For Part 74**



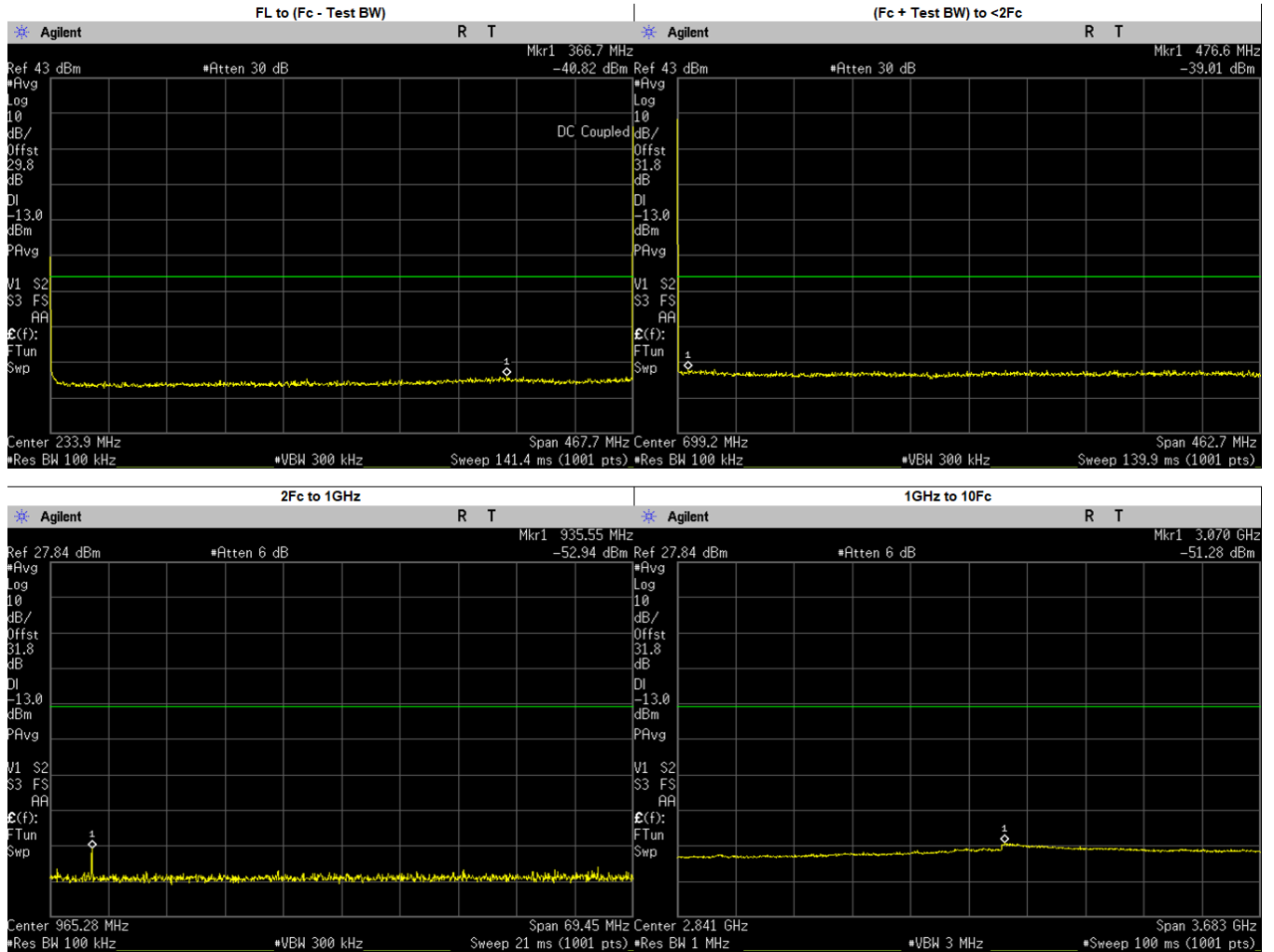
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	371.2000	-40.1540	-13.00	PASS
(Fc + Test BW) to <2Fc	486.5692	-39.2500	-13.00	PASS
2Fc to 1GHz	899.9827	-47.7500	-13.00	PASS
	900.0500	-48.0101	-13.00	PASS
1GHz to 10Fc	3099.6450	-51.7900	-13.00	PASS
	1350.0750	-55.6868	-13.00	PASS
	1800.1000	-55.3158	-13.00	PASS
	2250.1250	-55.0450	-13.00	PASS
	2700.1500	-54.4531	-13.00	PASS
	3150.1750	-52.4696	-13.00	PASS
	3600.2000	-53.5518	-13.00	PASS
	4050.2250	-53.8417	-13.00	PASS
	4500.2500	-54.0797	-13.00	PASS

**Analog: 459.125. MHz, 25.0 kHz Channel Spacing, Max.Power
For Part 22**



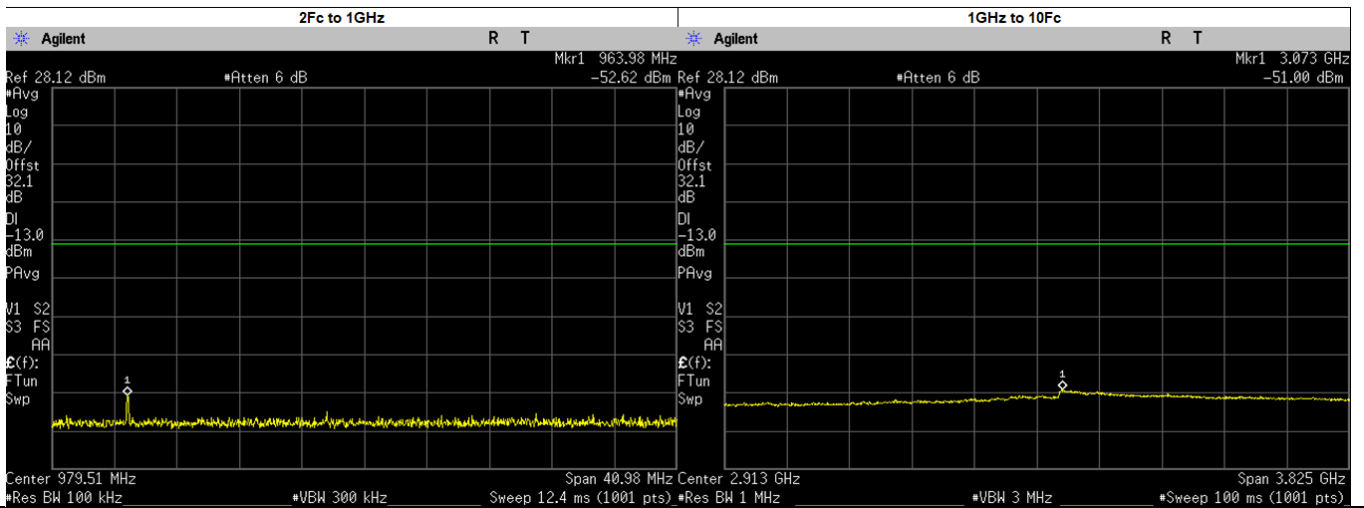
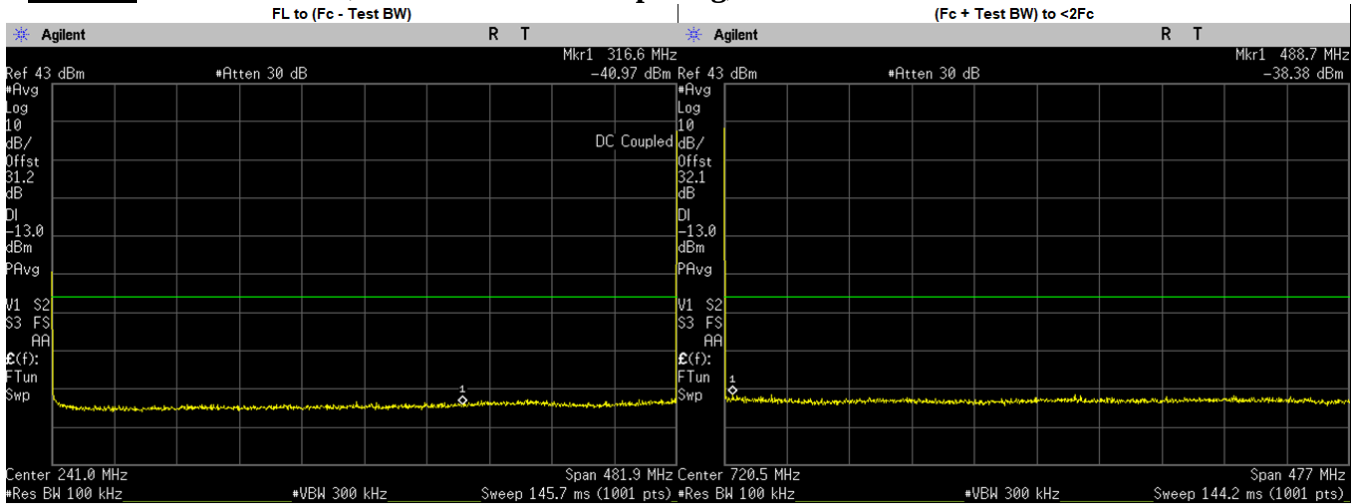
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	288.3000	-40.7110	-13.00	PASS
(Fc + Test BW) to <2Fc	896.9035	-38.3700	-13.00	PASS
2Fc to 1GHz	918.1947	-53.5400	-13.00	PASS
	918.2500	-53.8135	-13.00	PASS
1GHz to 10Fc	3121.7870	-51.1400	-13.00	PASS
	1377.3750	-54.6052	-13.00	PASS
	1836.5000	-54.4849	-13.00	PASS
	2295.6250	-54.2866	-13.00	PASS
	2754.7500	-52.9244	-13.00	PASS
	3213.8750	-51.9469	-13.00	PASS
	3673.0000	-52.6169	-13.00	PASS
	4132.1250	-52.9524	-13.00	PASS
	4591.2500	-53.2081	-13.00	PASS

**Analog: 467.775. MHz, 25.0 kHz Channel Spacing, Max Power
For Part 80**



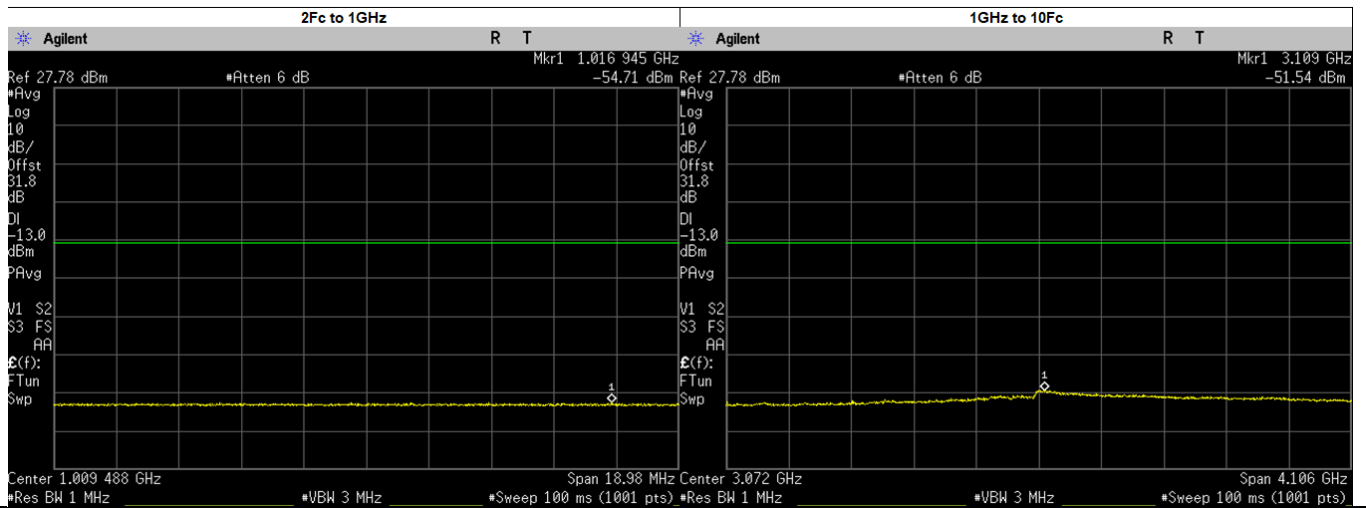
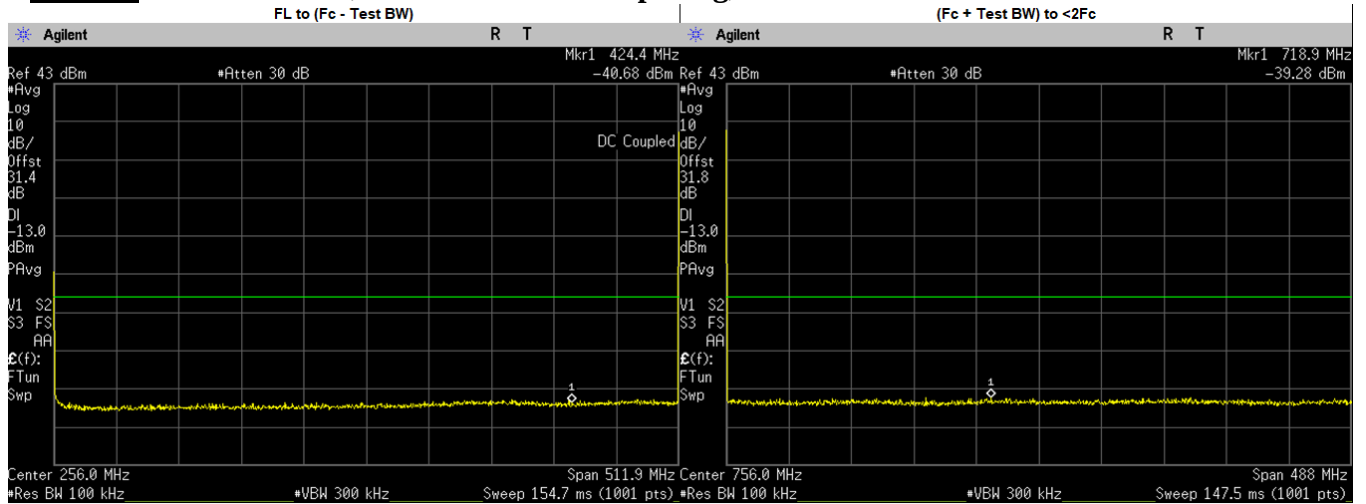
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	366.7000	-40.8200	-13.00	PASS
(Fc + Test BW) to <2Fc	476.6234	-39.0100	-13.00	PASS
2Fc to 1GHz	935.5500	-52.9400	-13.00	PASS
1GHz to 10Fc	3070.0000	-51.2800	-13.00	PASS
	1403.3250	-55.0556	-13.00	PASS
	1871.1000	-55.0529	-13.00	PASS
	2338.8750	-54.4371	-13.00	PASS
	2806.6500	-53.3629	-13.00	PASS
	3274.4250	-52.2689	-13.00	PASS
	3742.2000	-52.9205	-13.00	PASS
	4209.9750	-53.3554	-13.00	PASS
	4677.7500	-53.6475	-13.00	PASS

Analog: 482.0125. MHz, 25.0 kHz Channel Spacing, Max Power



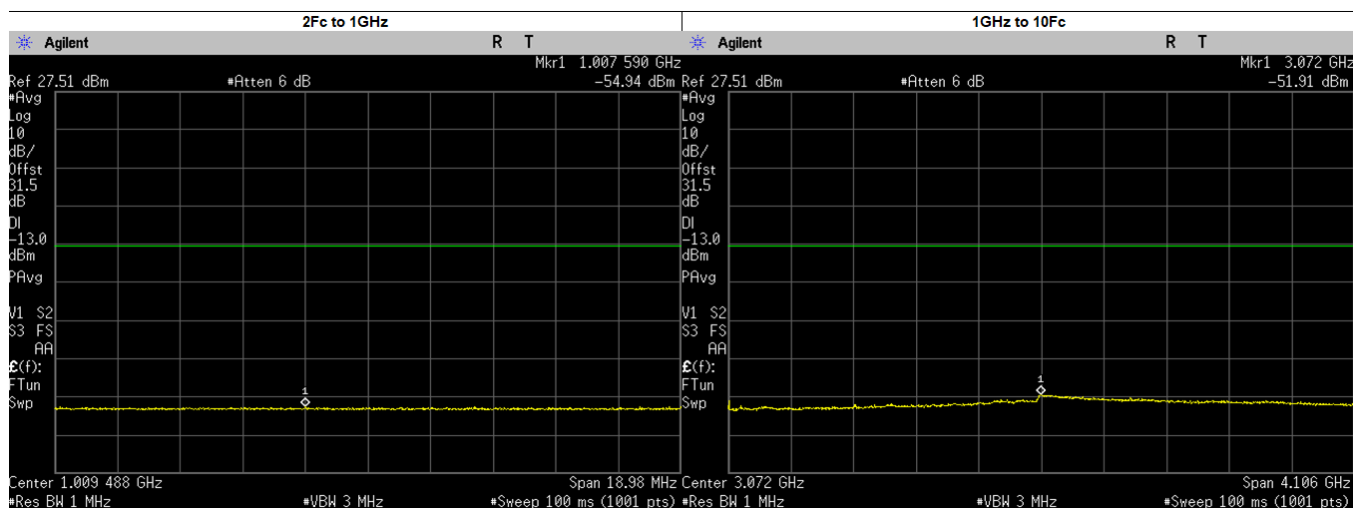
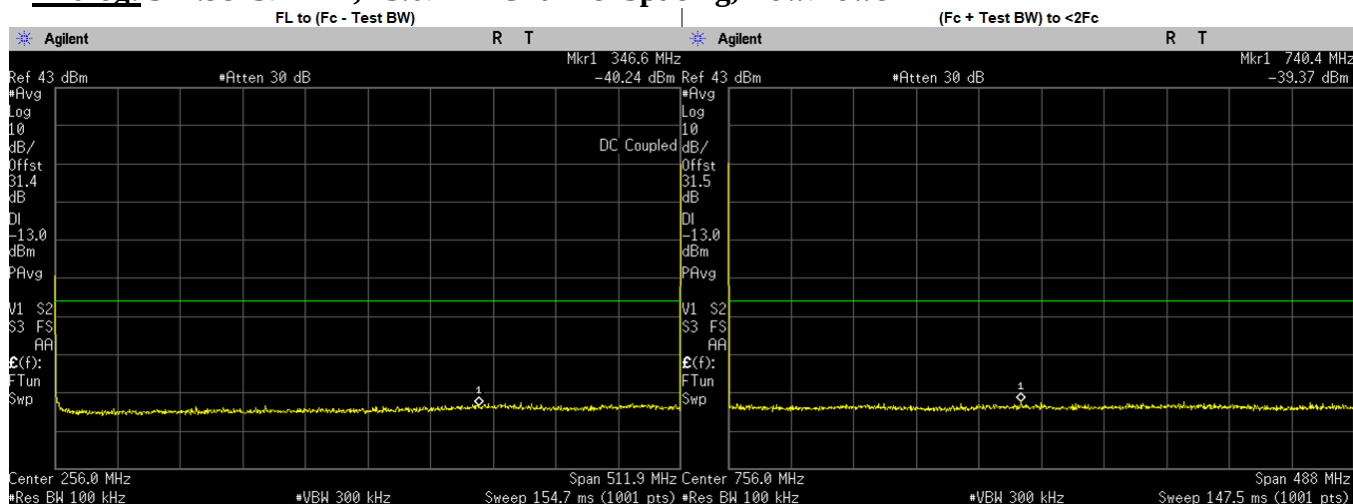
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	316.6000	-40.9690	-13.00	PASS
(Fc + Test BW) to <2Fc	488.7467	-38.3800	-13.00	PASS
2Fc to 1GHz	963.9830	-52.6200	-13.00	PASS
	964.0250	-52.9974	-13.00	PASS
1GHz to 10Fc	3073.2180	-51.0000	-13.00	PASS
	1446.0370	-54.8607	-13.00	PASS
	1928.0500	-54.6984	-13.00	PASS
	2410.0620	-54.0375	-13.00	PASS
	2892.0750	-53.3011	-13.00	PASS
	3374.0880	-52.2634	-13.00	PASS
	3856.1000	-52.7483	-13.00	PASS
	4338.1130	-53.2474	-13.00	PASS
	4820.1250	-53.5252	-13.00	PASS

Analog: 511.9875. MHz, 25.0 kHz Channel Spacing, Max Power



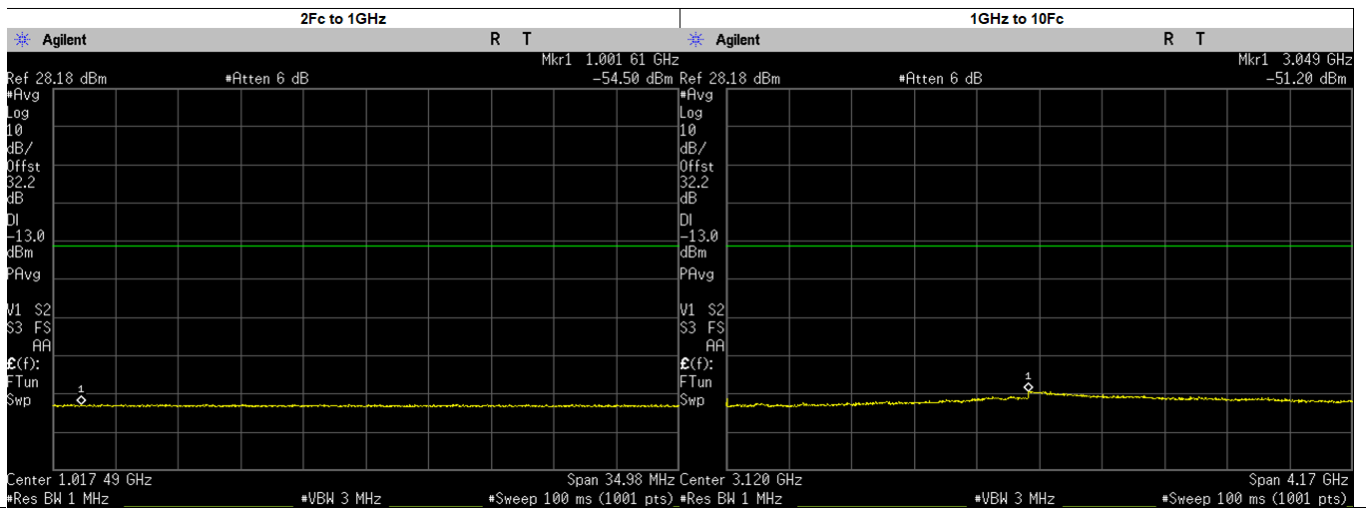
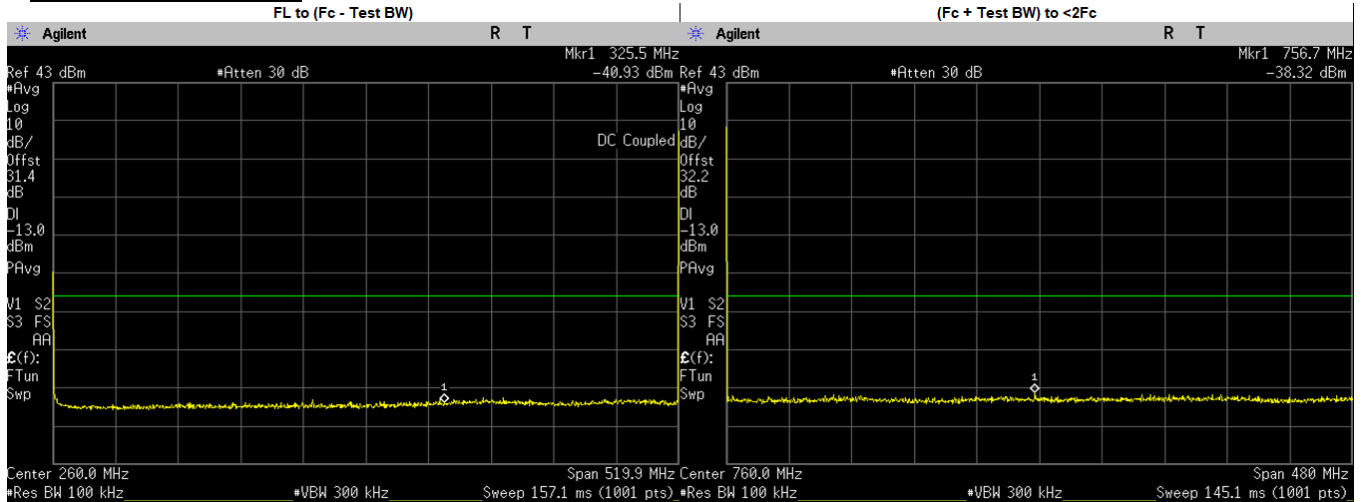
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	424.4000	-40.6800	-13.00	PASS
(Fc + Test BW) to <2Fc	718.9375	-39.2800	-13.00	PASS
2Fc to 1GHz	1016.9450	-54.7100	-13.00	PASS
1GHz to 10Fc	3108.8780	-51.5400	-13.00	PASS
	1023.9750	-54.6639	-13.00	PASS
	1535.9630	-54.7823	-13.00	PASS
	2047.9500	-54.6896	-13.00	PASS
	2559.9370	-54.0985	-13.00	PASS
	3071.9250	-51.6210	-13.00	PASS
	3583.9120	-52.9067	-13.00	PASS
	4095.9000	-53.6557	-13.00	PASS
	4607.8870	-53.4663	-13.00	PASS
	5119.8750	-54.3265	-13.00	PASS

Analog: 511.9875. MHz, 25.0 kHz Channel Spacing, Low Power



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	346.6000	-40.2450	-13.00	PASS
(Fc + Test BW) to <2Fc	740.4076	-39.3700	-13.00	PASS
2Fc to 1GHz	1007.5900	-54.9400	-13.00	PASS
1GHz to 10Fc	3072.0000	-51.9100	-13.00	PASS
	1023.9750	-53.9992	-13.00	PASS
	1535.9630	-55.1667	-13.00	PASS
	2047.9500	-55.0308	-13.00	PASS
	2559.9370	-54.5233	-13.00	PASS
	3071.9250	-51.9110	-13.00	PASS
	3583.9120	-53.2885	-13.00	PASS
	4095.9000	-53.6164	-13.00	PASS
	4607.8870	-53.8244	-13.00	PASS
	5119.8750	-54.6377	-13.00	PASS

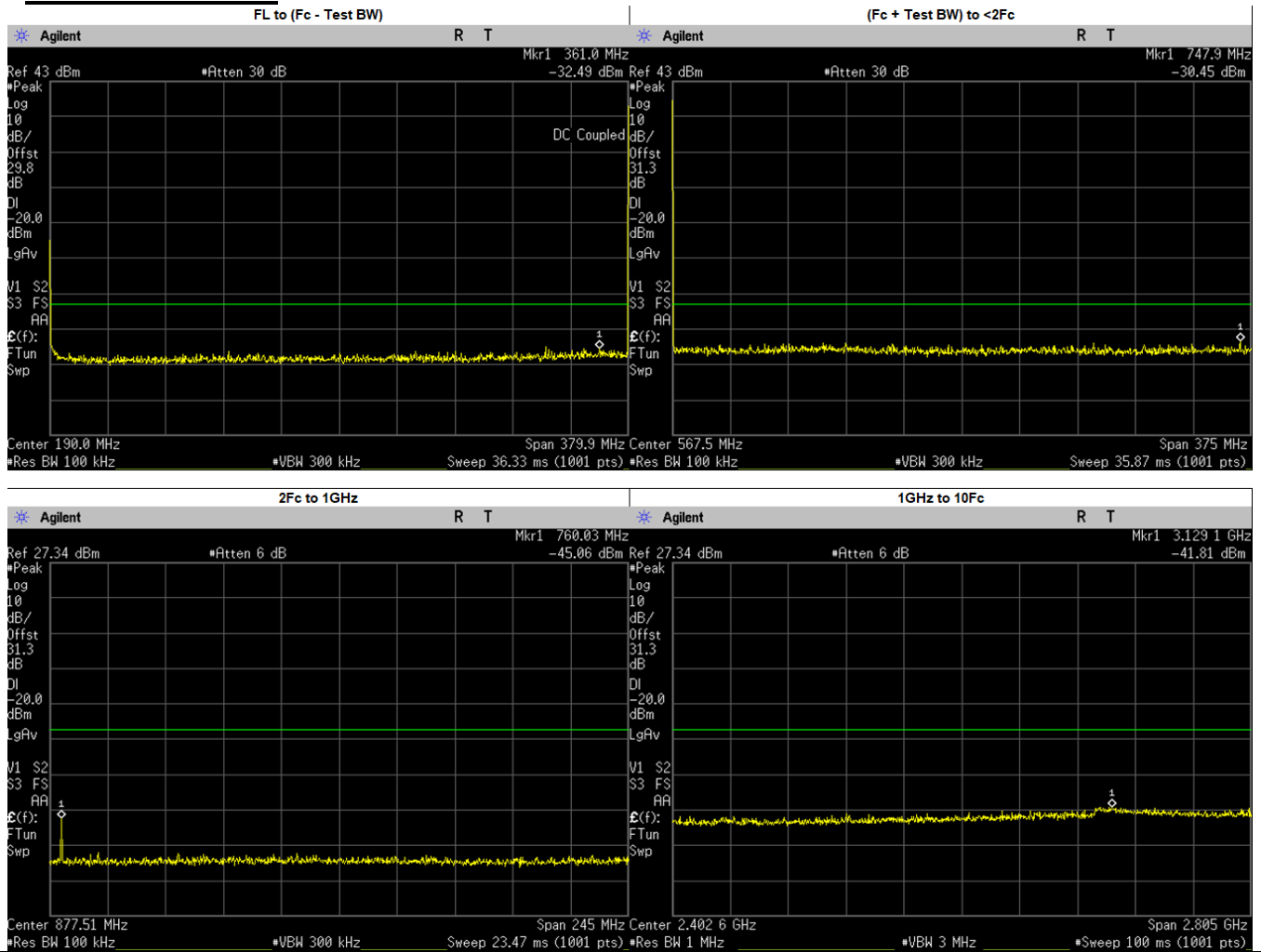
Analog: 519.9875. MHz, 25.0 kHz Channel Spacing, Max Power
Not for FCC review



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	325.5000	-40.9340	-13.00	PASS
(Fc + Test BW) to <2Fc	756.6625	-38.3200	-13.00	PASS
2Fc to 1GHz	1001.6090	-54.5000	-13.00	PASS
1GHz to 10Fc	3049.0370	-51.2000	-13.00	PASS
	1039.9750	-53.4273	-13.00	PASS
	1559.9630	-54.5459	-13.00	PASS
	2079.9500	-54.1672	-13.00	PASS
	2599.9370	-53.8651	-13.00	PASS
	3119.9250	-51.5370	-13.00	PASS
	3639.9120	-52.6628	-13.00	PASS
	4159.9000	-53.0789	-13.00	PASS
	4679.8870	-53.1268	-13.00	PASS
	5199.8750	-53.6961	-13.00	PASS

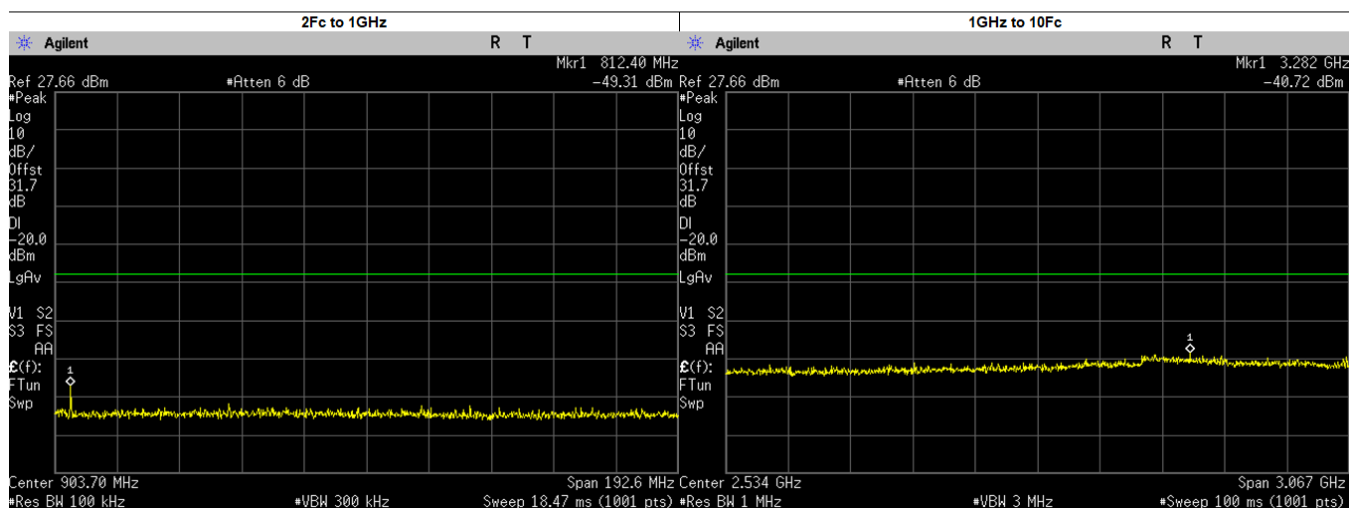
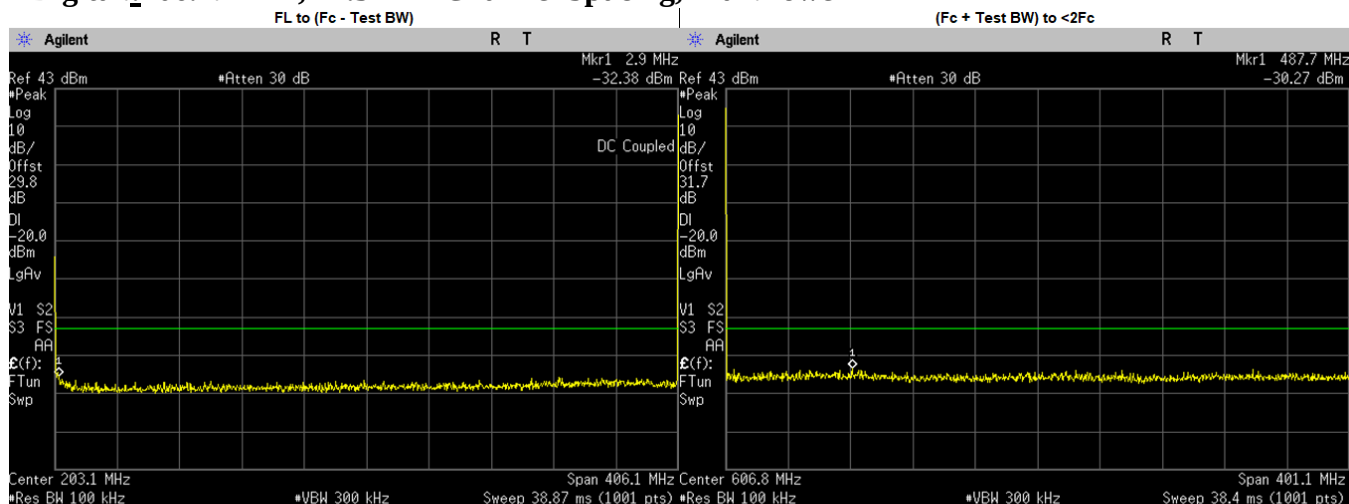
6.10.3. Test Result (Digital)

Digital ; 380.0125. MHz, 12.5 kHz Channel Spacing, Max.Power
Not for FCC review



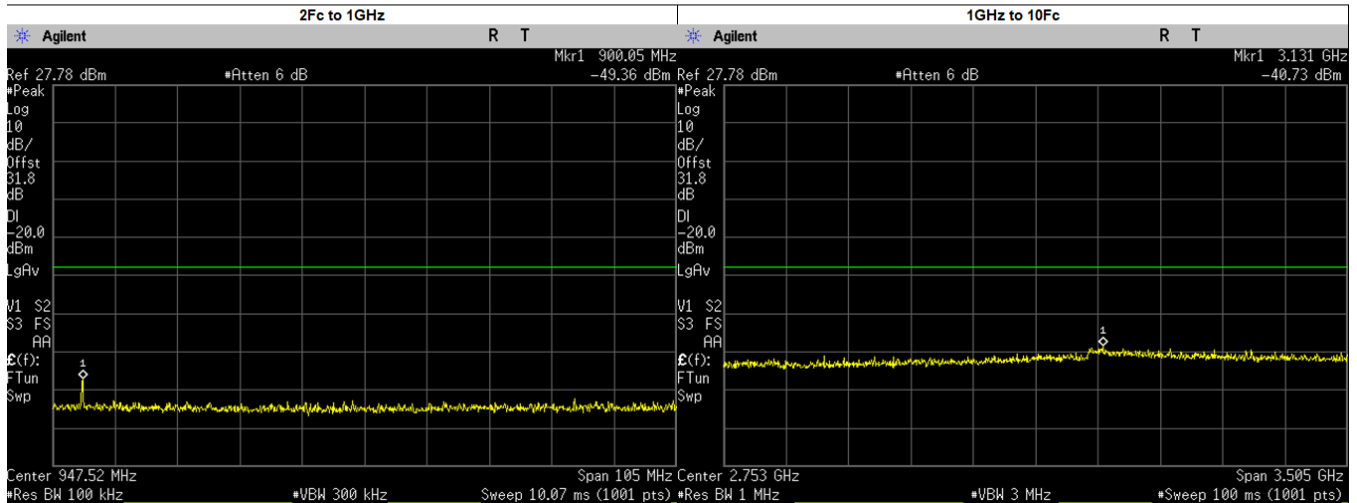
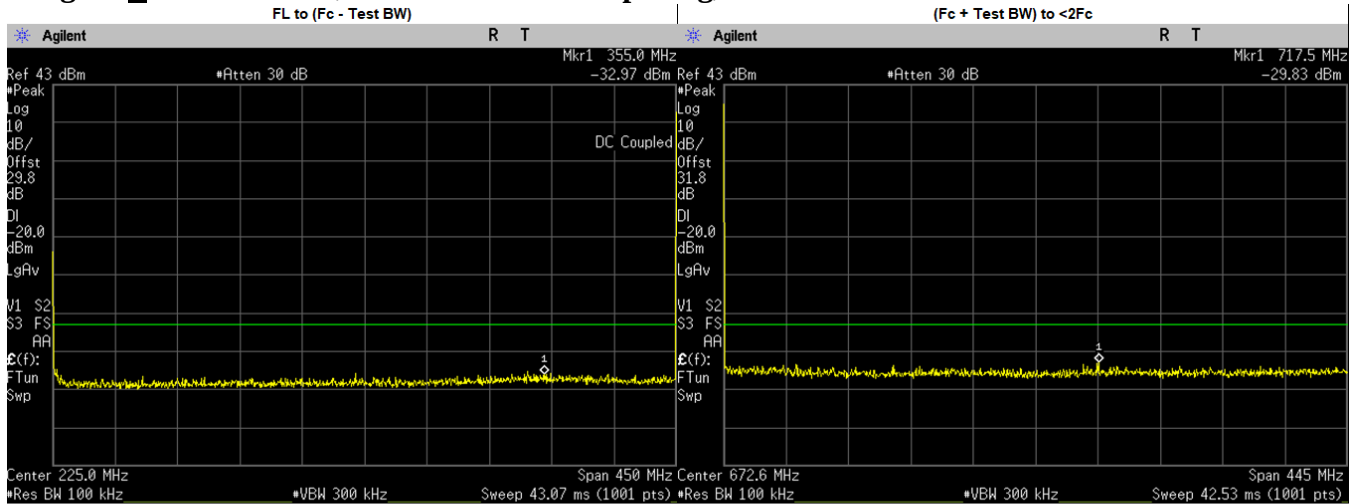
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	361.0000	-32.4930	-20.00	PASS
(Fc + Test BW) to <2Fc	747.9008	-30.4500	-20.00	PASS
2Fc to 1GHz	760.0300	-45.0600	-20.00	PASS
1GHz to 10Fc	3129.0900	-41.8100	-20.00	PASS
	1140.0370	-45.6179	-20.00	PASS
	1520.0500	-46.3239	-20.00	PASS
	1900.0620	-46.0465	-20.00	PASS
	2280.0750	-45.2080	-20.00	PASS
	2660.0880	-44.4312	-20.00	PASS
	3040.1000	-44.1881	-20.00	PASS
	3420.1130	-43.4397	-20.00	PASS
	3800.1250	-43.9576	-20.00	PASS

Digital, 406.2 MHz, 12.5 kHz Channel Spacing, Max Power



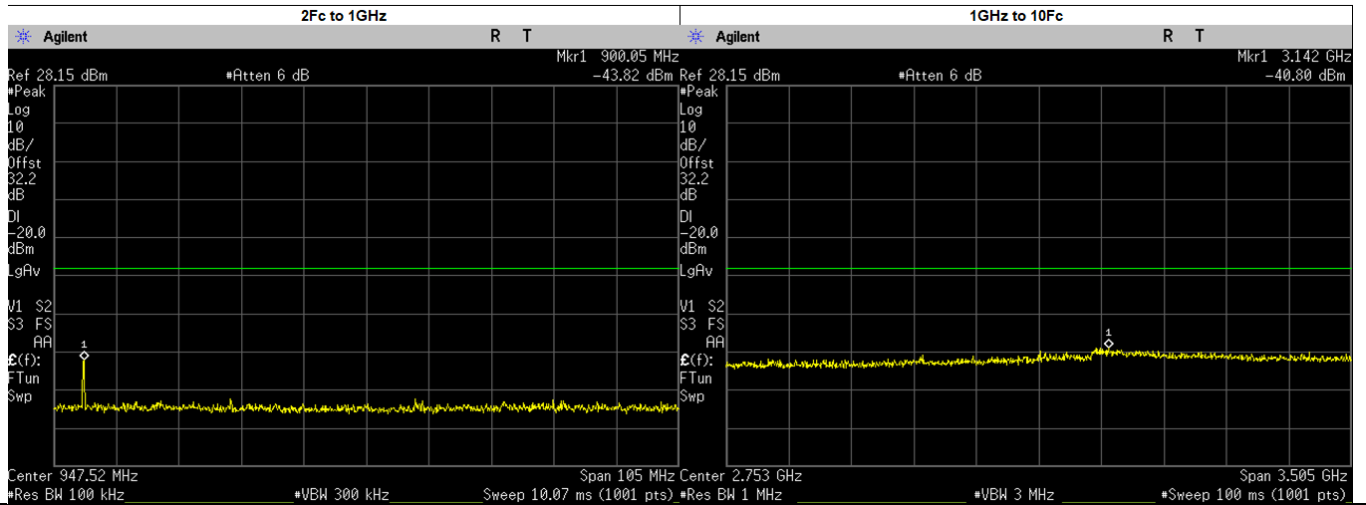
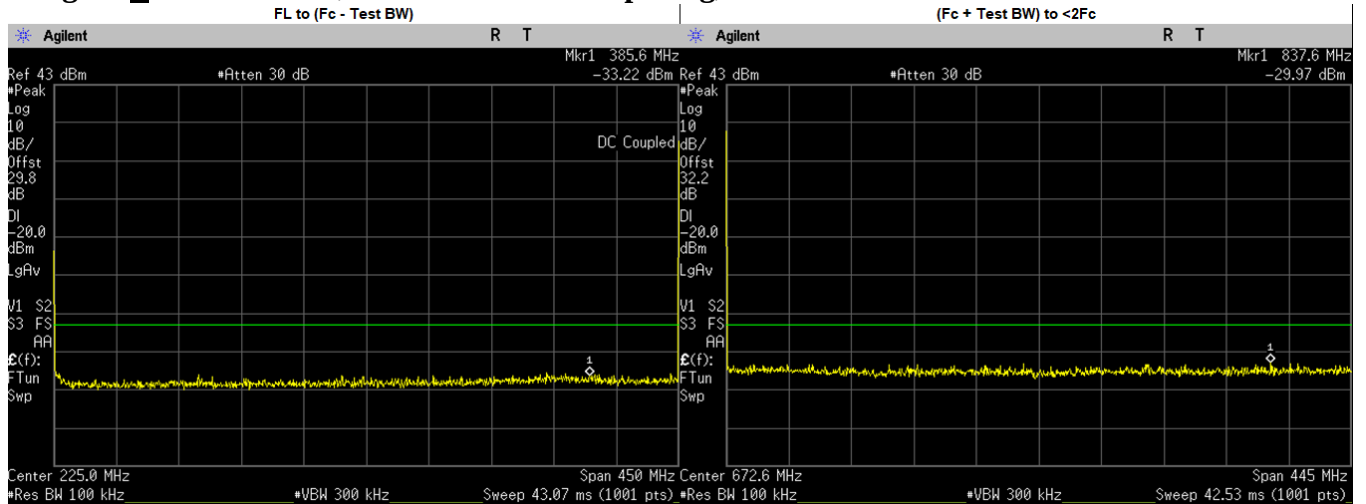
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	2.9000	-32.3770	-20.00	PASS
(Fc + Test BW) to <2Fc	487.6879	-30.2700	-20.00	PASS
2Fc to 1GHz	812.4000	-49.3100	-20.00	PASS
1GHz to 10Fc	3281.8480	-40.7200	-20.00	PASS
	1218.6000	-44.2493	-20.00	PASS
	1624.8000	-45.2452	-20.00	PASS
	2031.0000	-45.0308	-20.00	PASS
	2437.2000	-44.8827	-20.00	PASS
	2843.4000	-43.5528	-20.00	PASS
	3249.6000	-42.6974	-20.00	PASS
	3655.8000	-43.7581	-20.00	PASS
	4062.0000	-44.3902	-20.00	PASS

Digital, 450.025. MHz, 12.5 kHz Channel Spacing, Max Power



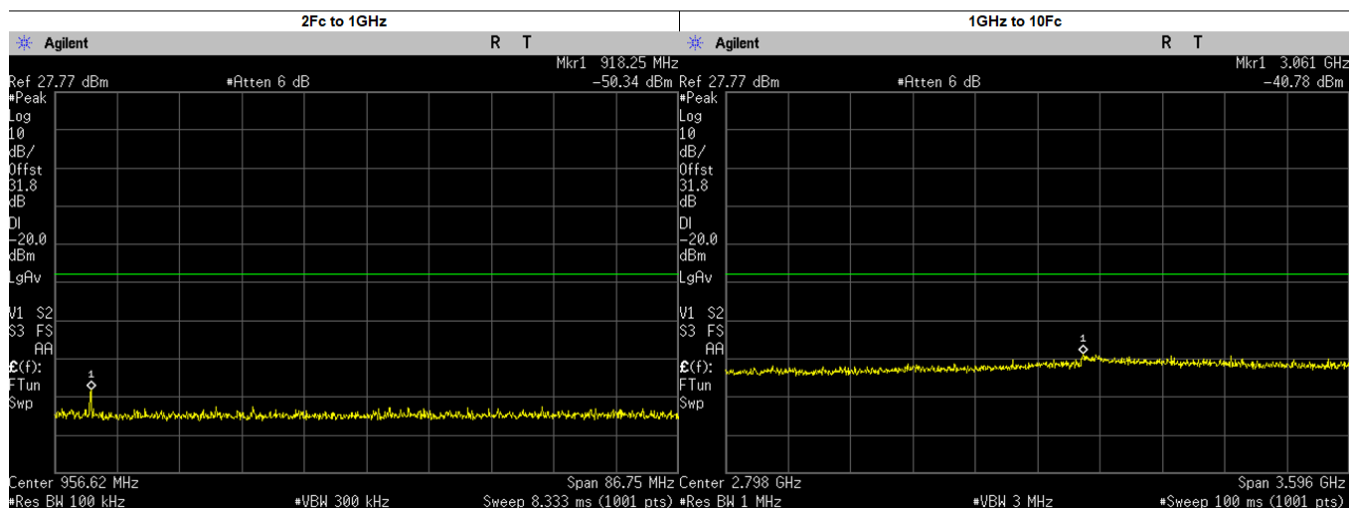
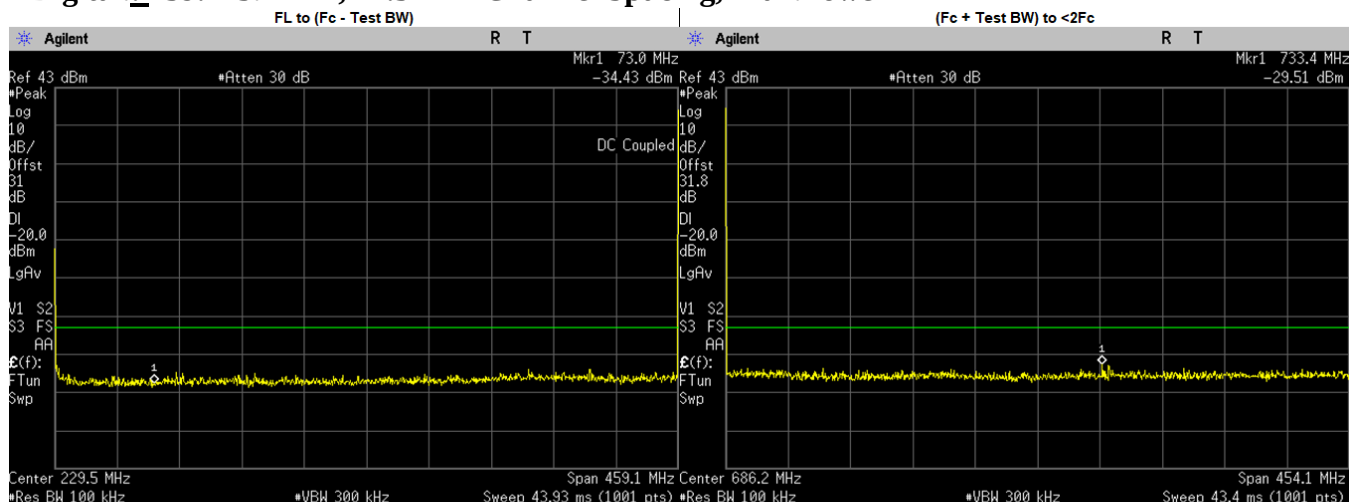
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	355.0000	-32.9680	-20.00	PASS
(Fc + Test BW) to <2Fc	717.5077	-29.8300	-20.00	PASS
2Fc to 1GHz	900.0500	-49.3600	-20.00	PASS
1GHz to 10Fc	3131.1920	-40.7300	-20.00	PASS
	1350.0750	-44.7999	-20.00	PASS
	1800.1000	-45.6684	-20.00	PASS
	2250.1250	-44.8219	-20.00	PASS
	2700.1500	-44.6631	-20.00	PASS
	3150.1750	-41.9662	-20.00	PASS
	3600.2000	-42.8482	-20.00	PASS
	4050.2250	-43.8518	-20.00	PASS
	4500.2500	-44.2171	-20.00	PASS

Digital, 450.025. MHz, 12.5 kHz Channel Spacing, Low Power



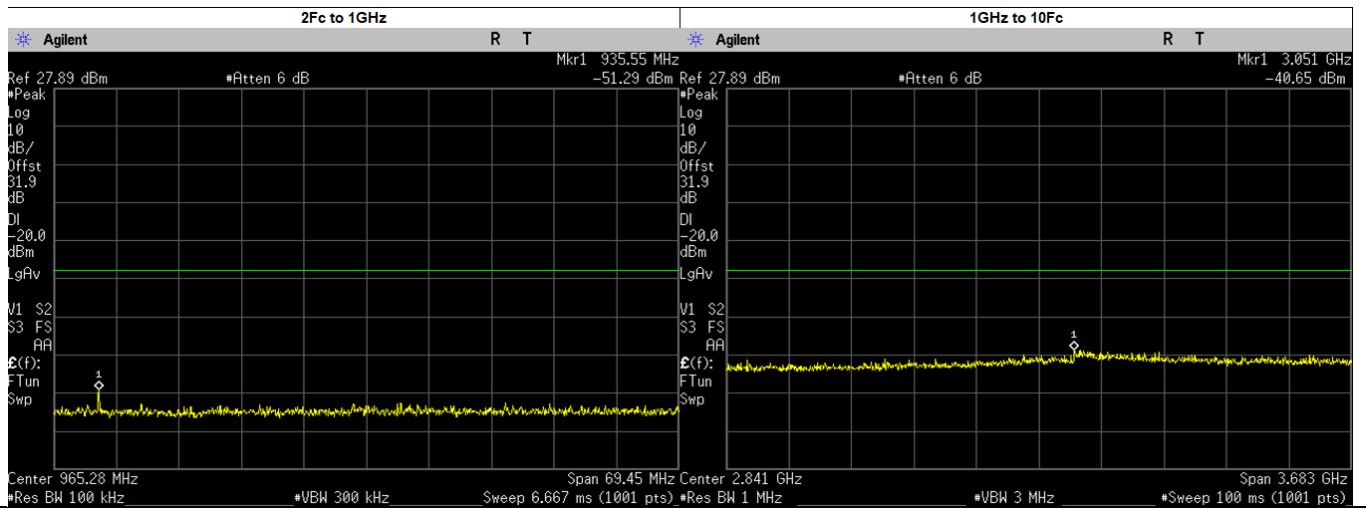
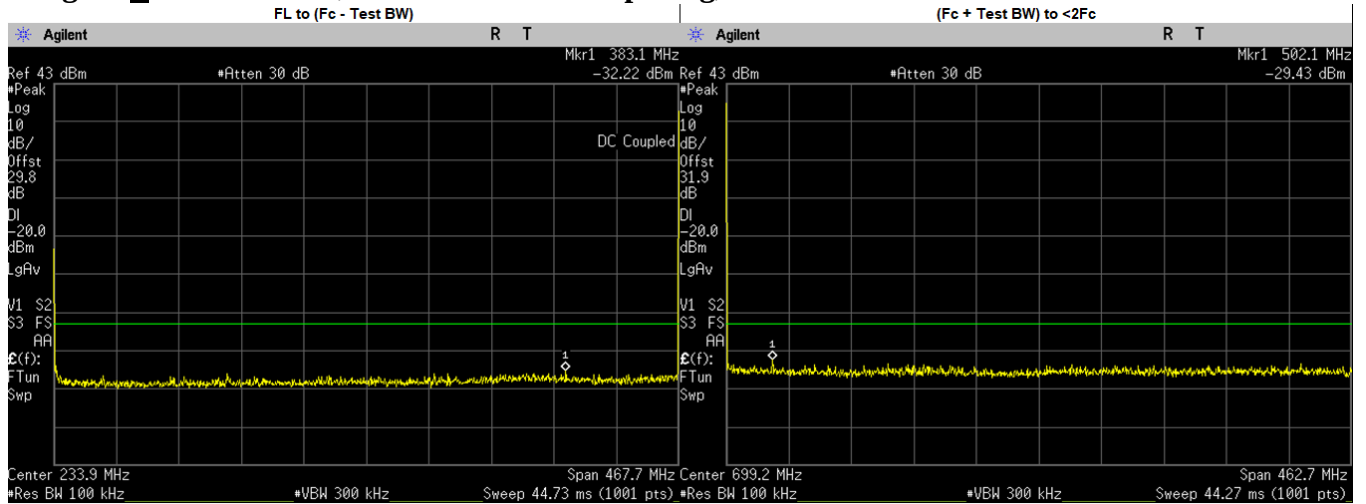
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	385.6000	-33.2150	-20.00	PASS
(Fc + Test BW) to <2Fc	837.6491	-29.9700	-20.00	PASS
2Fc to 1GHz	900.0500	-43.8200	-20.00	PASS
	900.0500	-43.9184	-20.00	PASS
1GHz to 10Fc	3141.7080	-40.8000	-20.00	PASS
	1350.0750	-45.0587	-20.00	PASS
	1800.1000	-45.2130	-20.00	PASS
	2250.1250	-44.3238	-20.00	PASS
	2700.1500	-43.7707	-20.00	PASS
	3150.1750	-41.9940	-20.00	PASS
	3600.2000	-42.9634	-20.00	PASS
	4050.2250	-43.4030	-20.00	PASS
	4500.2500	-43.7833	-20.00	PASS

Digital, 459.125. MHz, 12.5 kHz Channel Spacing, Max.Power



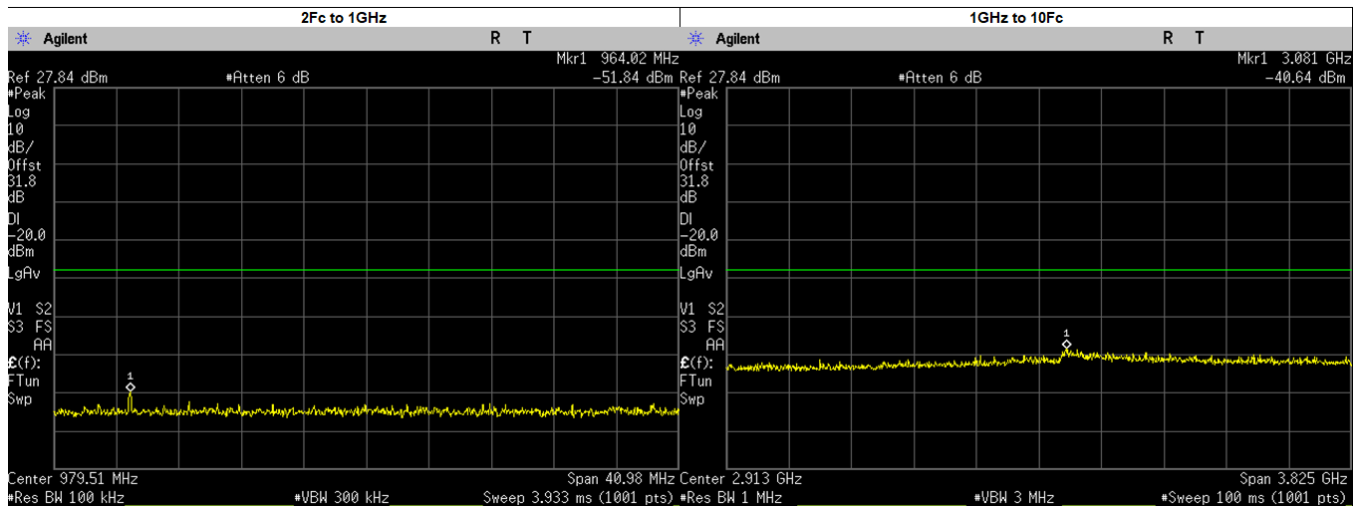
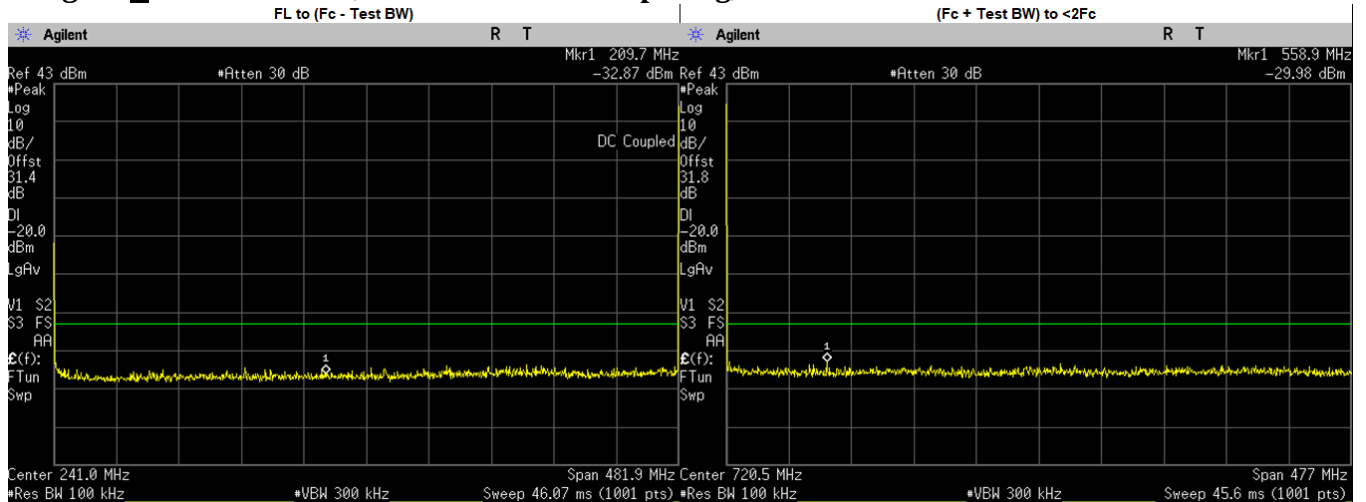
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	73.0000	-34.4270	-20.00	PASS
(Fc + Test BW) to <2Fc	733.4390	-29.5100	-20.00	PASS
2Fc to 1GHz	918.2500	-50.3400	-20.00	PASS
1GHz to 10Fc	3060.6510	-40.7800	-20.00	PASS
	1377.3750	-45.1953	-20.00	PASS
	1836.5000	-45.9336	-20.00	PASS
	2295.6250	-45.0186	-20.00	PASS
	2754.7500	-43.7120	-20.00	PASS
	3213.8750	-43.0167	-20.00	PASS
	3673.0000	-43.9440	-20.00	PASS
	4132.1250	-43.4942	-20.00	PASS
	4591.2500	-43.6507	-20.00	PASS

Digital: 467.775. MHz, 12.5 kHz Channel Spacing, Max.Power



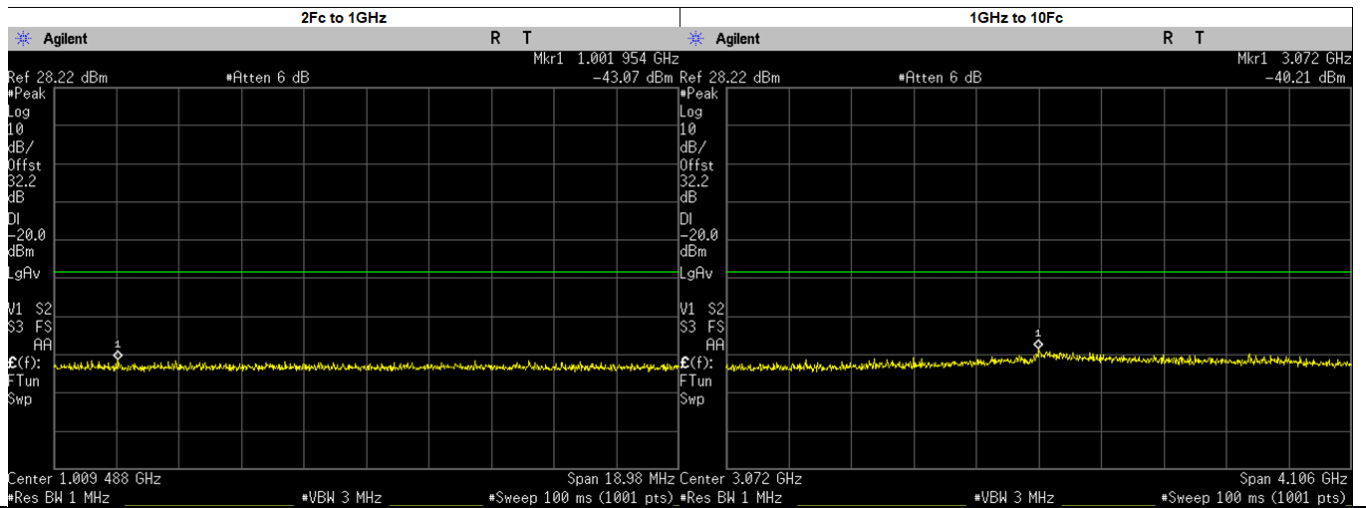
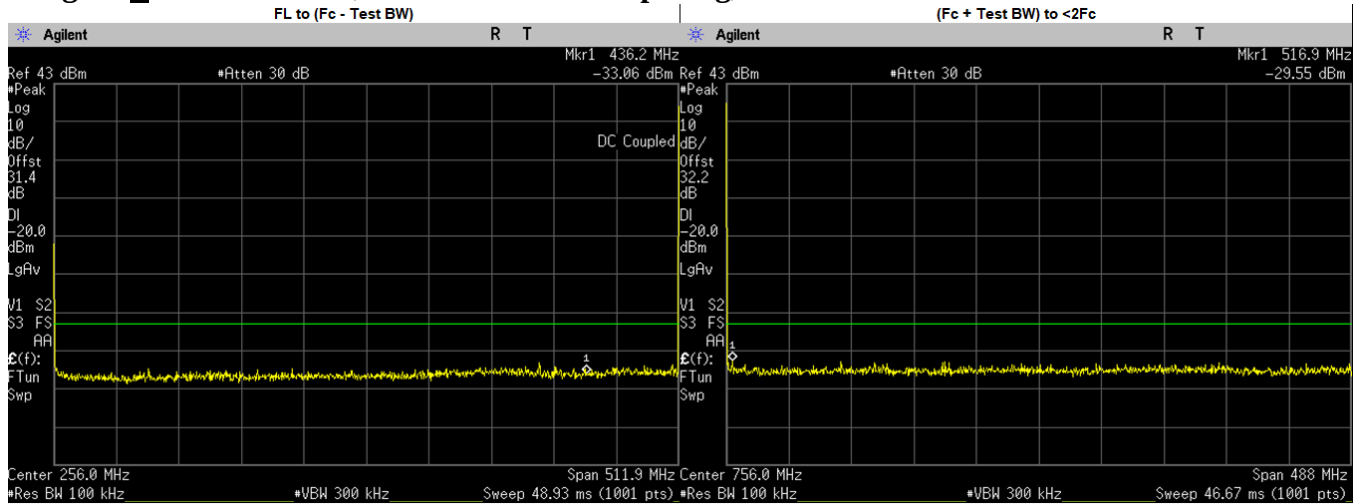
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	383.1000	-32.2230	-20.00	PASS
(Fc + Test BW) to <2Fc	502.0729	-29.4300	-20.00	PASS
2Fc to 1GHz	935.5500	-51.2946	-20.00	PASS
1GHz to 10Fc	3051.2920	-40.6500	-20.00	PASS
	1403.3250	-45.7475	-20.00	PASS
	1871.1000	-45.6578	-20.00	PASS
	2338.8750	-44.5400	-20.00	PASS
	2806.6500	-43.7772	-20.00	PASS
	3274.4250	-42.3880	-20.00	PASS
	3742.2000	-42.5058	-20.00	PASS
	4209.9750	-43.4945	-20.00	PASS
	4677.7500	-43.6903	-20.00	PASS

Digital : 482.0125. MHz, 12.5 kHz Channel Spacing, Max.Power



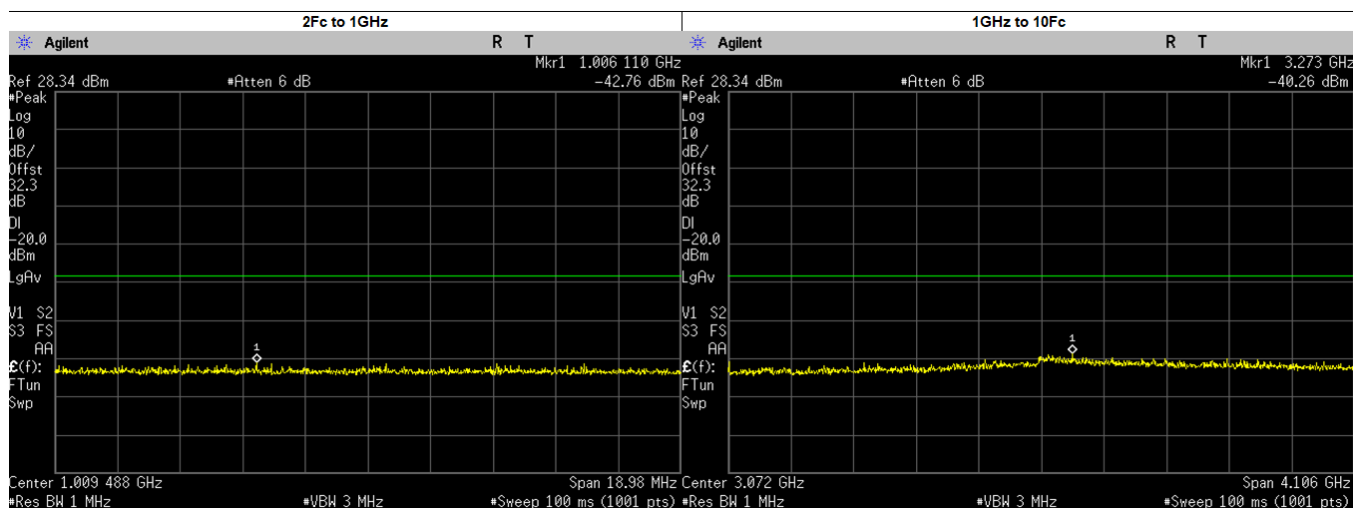
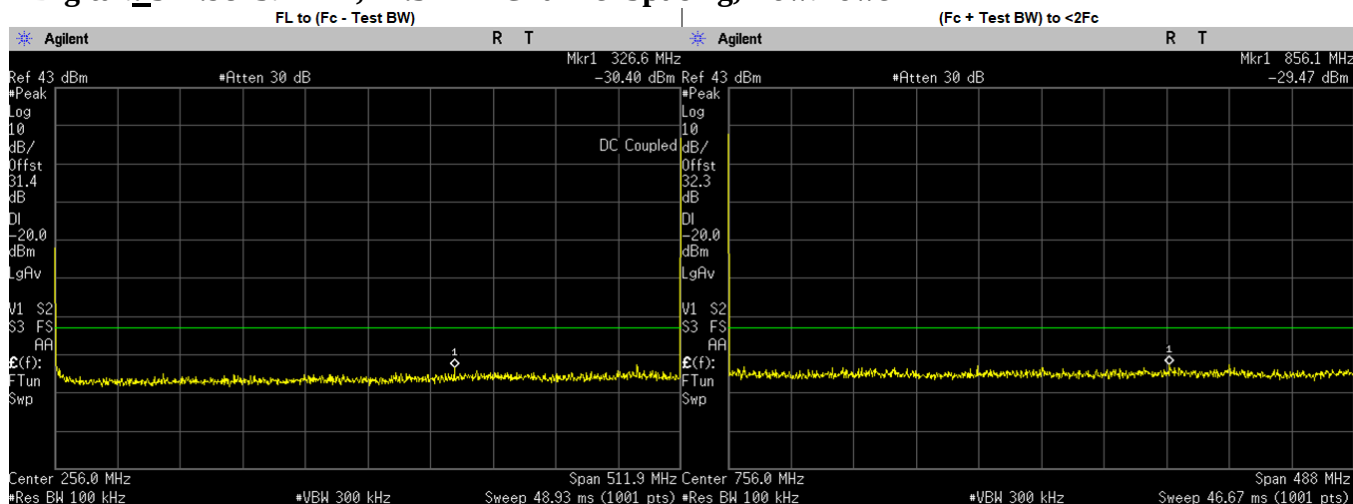
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	209.7000	-32.8660	-20.00	PASS
(Fc + Test BW) to <2Fc	558.8592	-29.9800	-20.00	PASS
2Fc to 1GHz	964.0250	-51.8444	-20.00	PASS
1GHz to 10Fc	3080.8680	-40.6400	-20.00	PASS
	1446.0370	-45.3299	-20.00	PASS
	1928.0500	-45.3024	-20.00	PASS
	2410.0620	-44.8277	-20.00	PASS
	2892.0750	-43.3137	-20.00	PASS
	3374.0880	-42.5346	-20.00	PASS
	3856.1000	-43.8222	-20.00	PASS
	4338.1130	-43.0110	-20.00	PASS
	4820.1250	-44.6070	-20.00	PASS

Digital : 511.9875. MHz, 12.5 kHz Channel Spacing, Max.Power



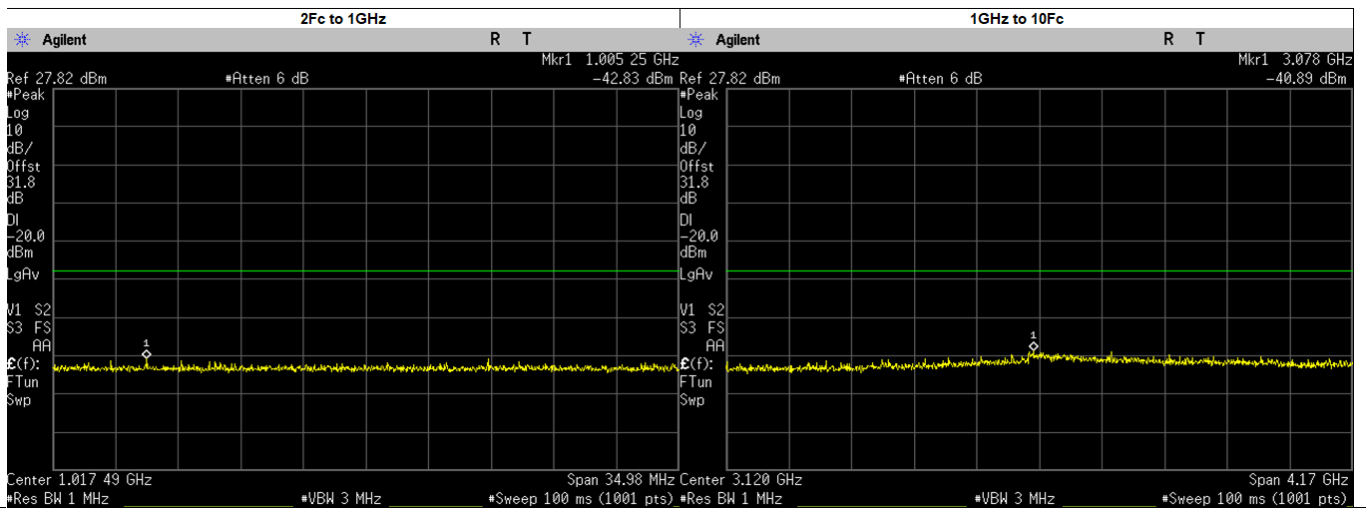
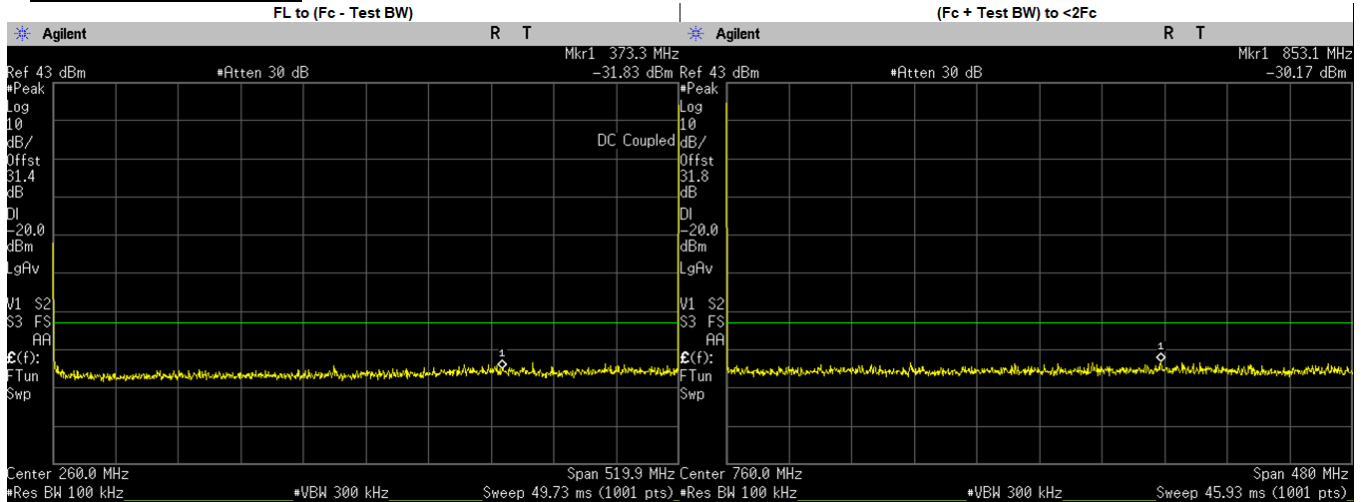
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	436.2000	-33.0640	-20.00	PASS
(Fc + Test BW) to <2Fc	516.9239	-29.5500	-20.00	PASS
2Fc to 1GHz	1001.9540	-43.0700	-20.00	PASS
1GHz to 10Fc	3072.0000	-40.2100	-20.00	PASS
	1023.9750	-44.4687	-20.00	PASS
	1535.9630	-44.0553	-20.00	PASS
	2047.9500	-44.9199	-20.00	PASS
	2559.9370	-44.1137	-20.00	PASS
	3071.9250	-40.2090	-20.00	PASS
	3583.9120	-42.9262	-20.00	PASS
	4095.9000	-42.6969	-20.00	PASS
	4607.8870	-43.1461	-20.00	PASS
	5119.8750	-44.2584	-20.00	PASS

Digital, 511.9875. MHz, 12.5 kHz Channel Spacing, Low Power



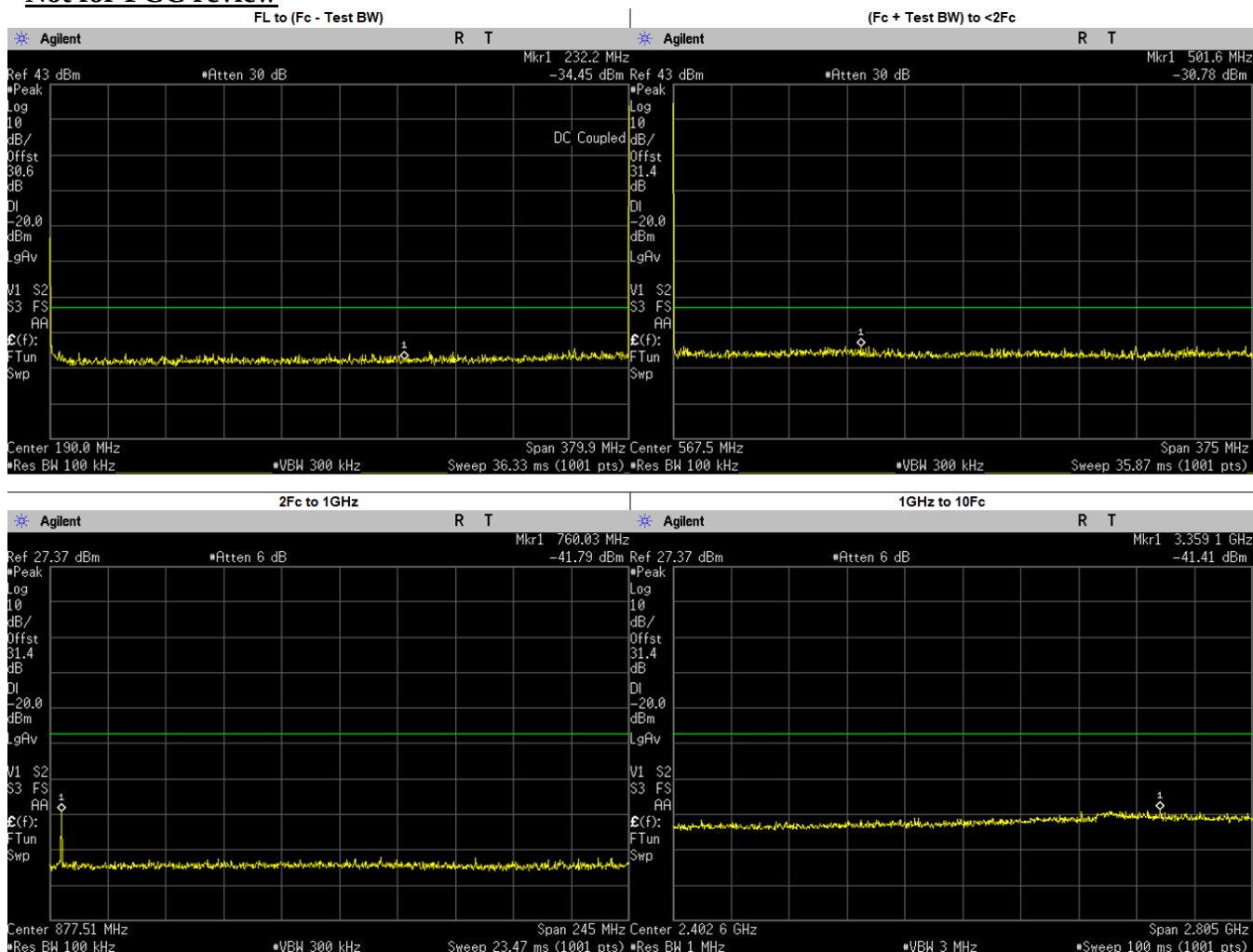
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	326.6000	-30.3950	-20.00	PASS
(Fc + Test BW) to <2Fc	856.0531	-29.4700	-20.00	PASS
2Fc to 1GHz	1006.1100	-42.7600	-20.00	PASS
1GHz to 10Fc	3273.0000	-40.2600	-20.00	PASS
	1023.9750	-43.0069	-20.00	PASS
	1535.9630	-45.4339	-20.00	PASS
	2047.9500	-44.4214	-20.00	PASS
	2559.9370	-44.2189	-20.00	PASS
	3071.9250	-41.7860	-20.00	PASS
	3583.9120	-42.6947	-20.00	PASS
	4095.9000	-43.7590	-20.00	PASS
	4607.8870	-43.4790	-20.00	PASS
	5119.8750	-43.8453	-20.00	PASS

Digital : 519.9875. MHz, 12.5 kHz Channel Spacing, Max.Power
Not for FCC review



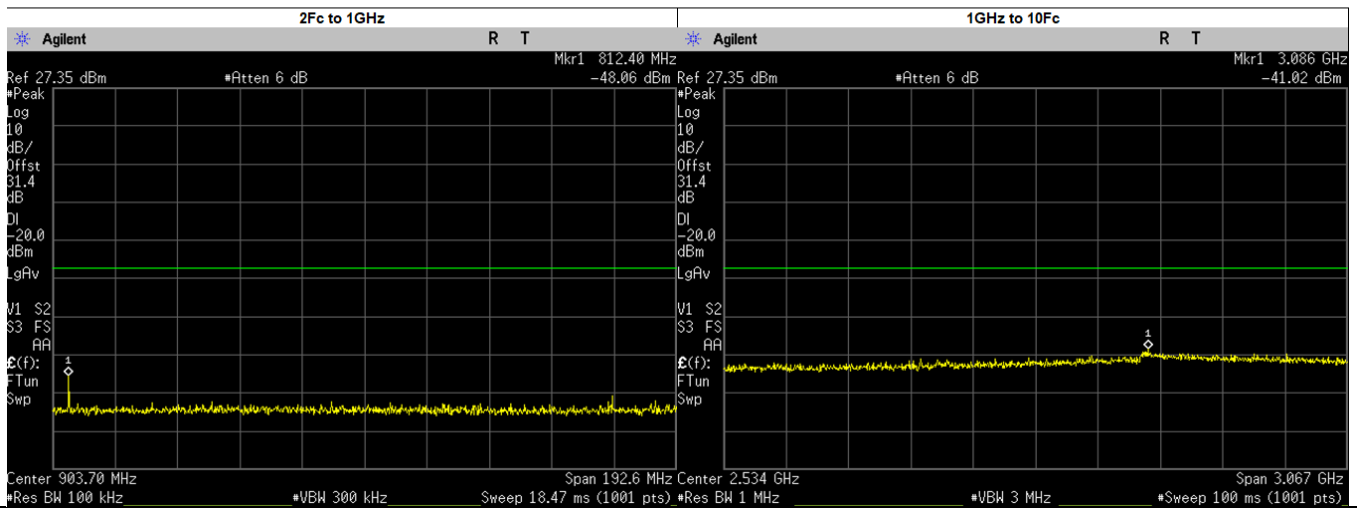
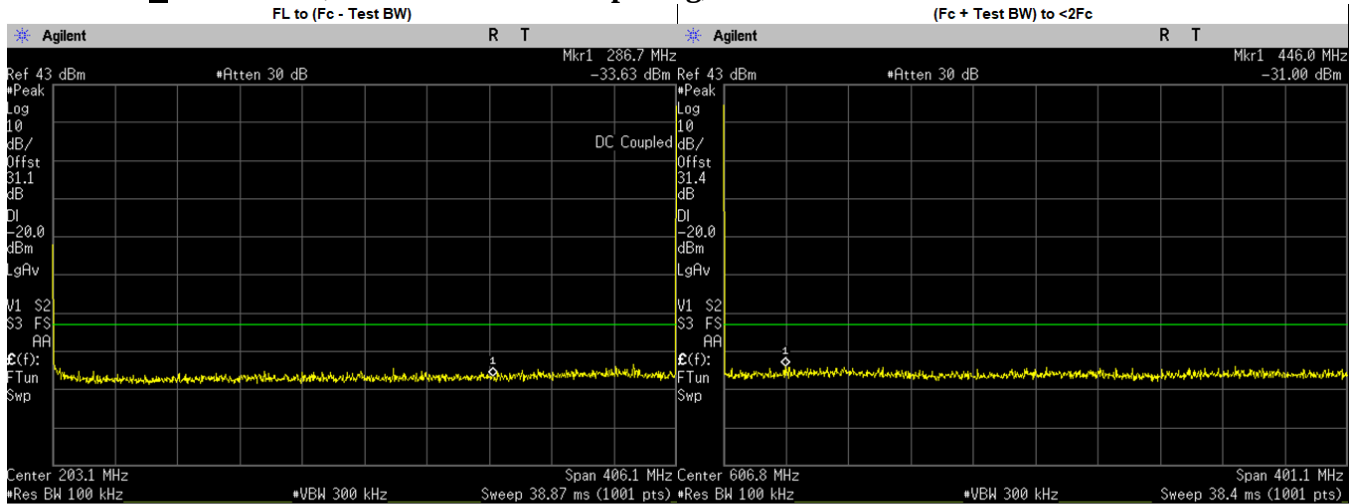
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	373.3000	-31.8310	-20.00	PASS
(Fc + Test BW) to <2Fc	853.1336	-30.1700	-20.00	PASS
2Fc to 1GHz	1005.2460	-42.8300	-20.00	PASS
1GHz to 10Fc	3078.2260	-40.8900	-20.00	PASS
	1039.9750	-44.1509	-20.00	PASS
	1559.9630	-45.1823	-20.00	PASS
	2079.9500	-44.4043	-20.00	PASS
	2599.9370	-44.7333	-20.00	PASS
	3119.9250	-41.9200	-20.00	PASS
	3639.9120	-43.8482	-20.00	PASS
	4159.9000	-43.5617	-20.00	PASS
	4679.8870	-44.2653	-20.00	PASS
	5199.8750	-44.6208	-20.00	PASS

Phase II : 380.0125. MHz, 12.5 kHz Channel Spacing, Max.Power
Not for FCC review



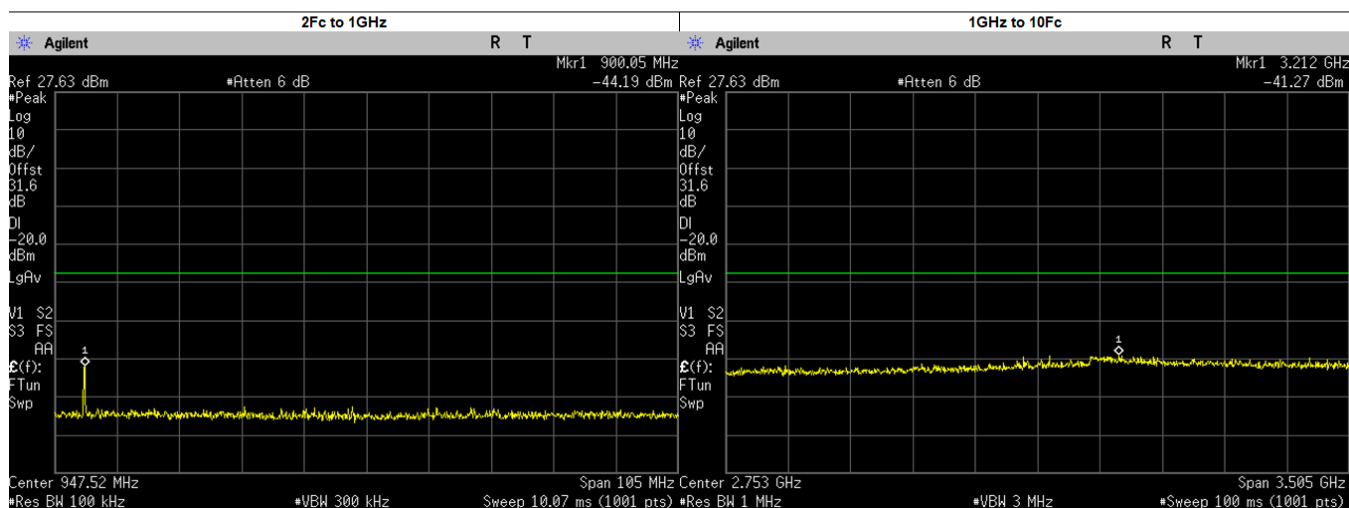
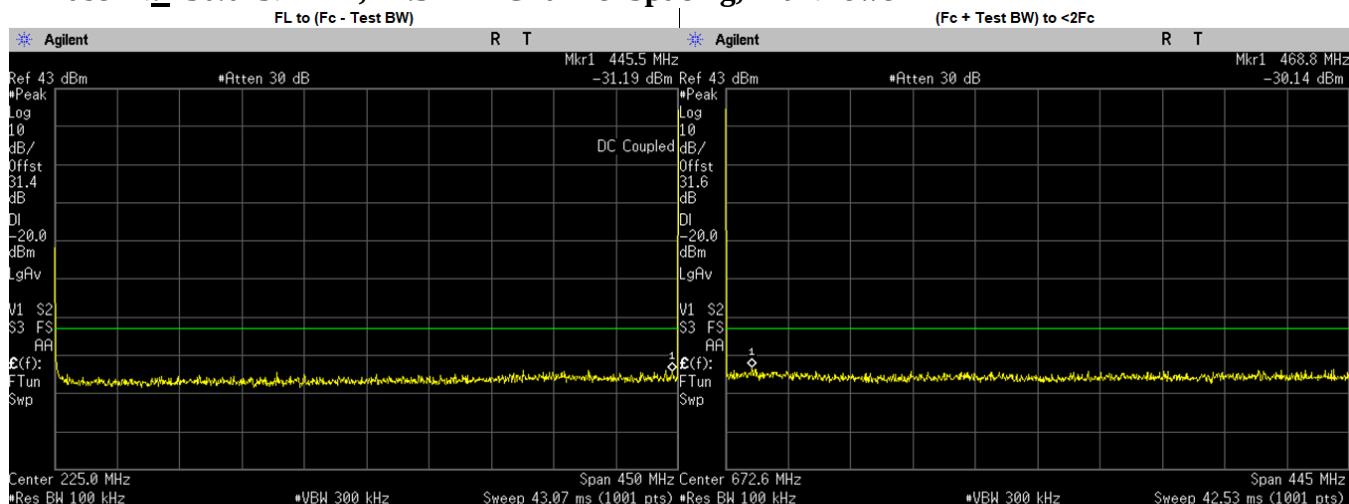
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	232.2000	-34.4530	-20.00	PASS
(Fc + Test BW) to <2Fc	501.5542	-30.7800	-20.00	PASS
2Fc to 1GHz	760.0300	-41.7900	-20.00	PASS
1GHz to 10Fc	3359.1100	-41.4100	-20.00	PASS
	1140.0370	-45.5991	-20.00	PASS
	1520.0500	-45.5953	-20.00	PASS
	1900.0620	-46.2783	-20.00	PASS
	2280.0750	-45.6634	-20.00	PASS
	2660.0880	-44.2252	-20.00	PASS
	3040.1000	-43.5016	-20.00	PASS
	3420.1130	-43.6474	-20.00	PASS
	3800.1250	-44.1901	-20.00	PASS

Phase II.: 406.2. MHz, 12.5 kHz Channel Spacing, Max.Power



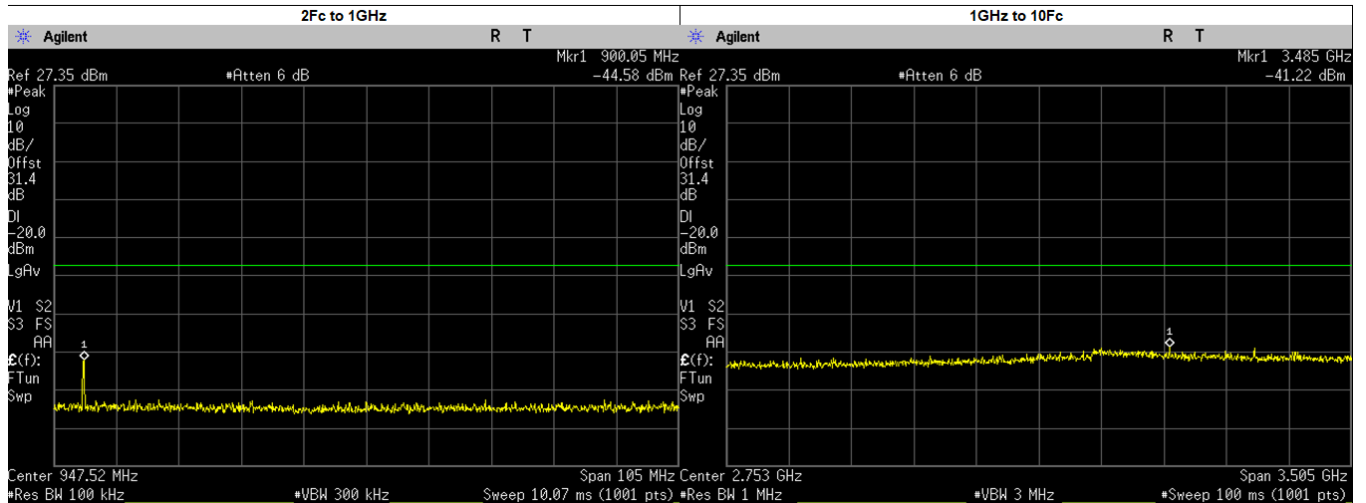
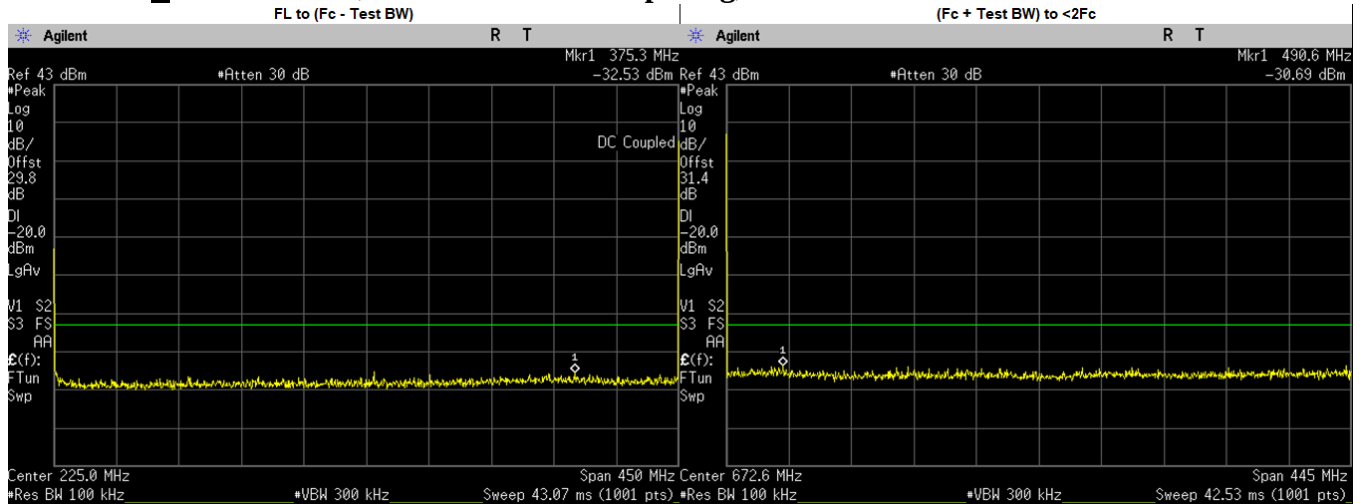
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	286.7000	-33.6280	-20.00	PASS
(Fc + Test BW) to <2Fc	445.9689	-31.0000	-20.00	PASS
2Fc to 1GHz	812.4000	-48.0600	-20.00	PASS
1GHz to 10Fc	3085.5600	-41.0200	-20.00	PASS
	1218.6000	-45.5398	-20.00	PASS
	1624.8000	-46.3135	-20.00	PASS
	2031.0000	-45.4976	-20.00	PASS
	2437.2000	-45.5491	-20.00	PASS
	2843.4000	-44.5557	-20.00	PASS
	3249.6000	-43.1630	-20.00	PASS
	3655.8000	-44.0352	-20.00	PASS
	4062.0000	-44.7127	-20.00	PASS

Phase II.: 450.025. MHz, 12.5 kHz Channel Spacing, Max.Power



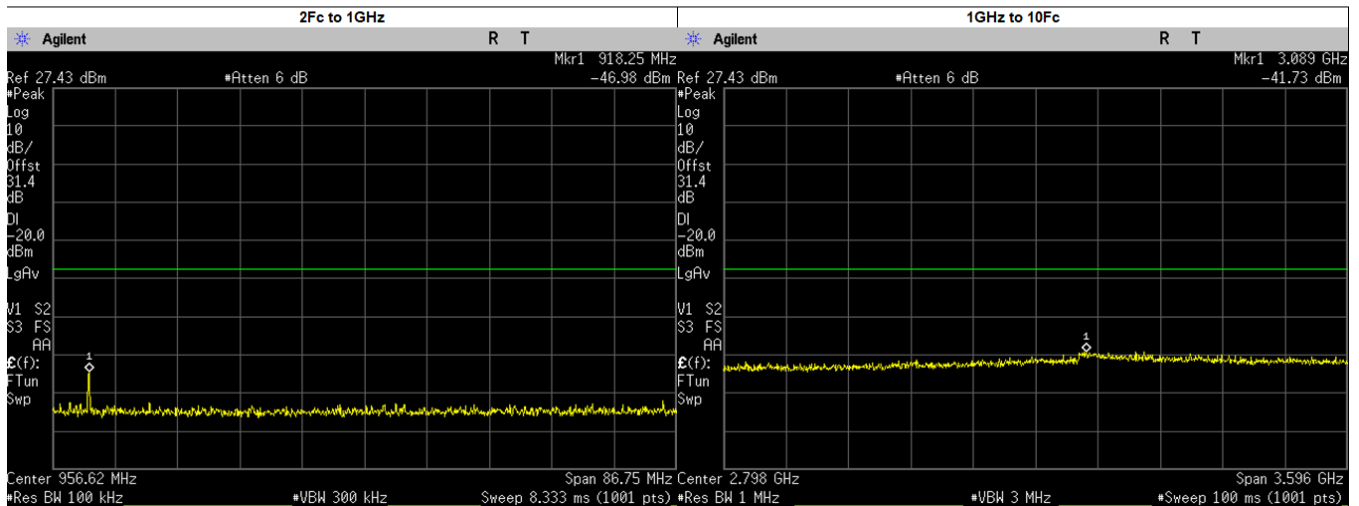
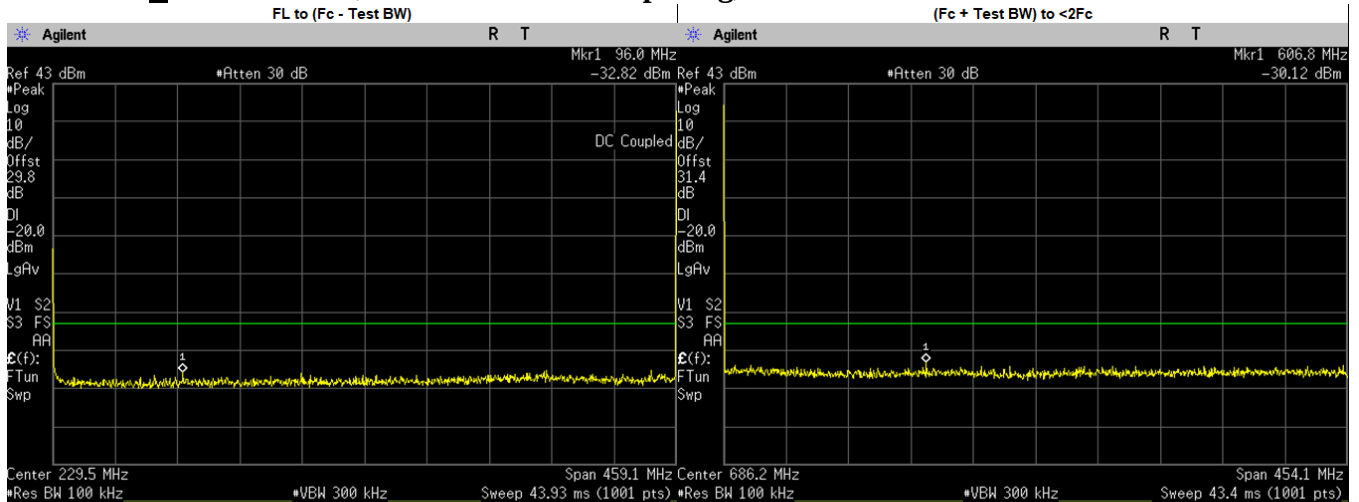
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	445.5000	-31.1940	-20.00	PASS
(Fc + Test BW) to <2Fc	468.7705	-30.1400	-20.00	PASS
2Fc to 1GHz	900.0500	-44.1900	-20.00	PASS
1GHz to 10Fc	3211.8130	-41.2700	-20.00	PASS
	1350.0750	-45.7074	-20.00	PASS
	1800.1000	-45.5824	-20.00	PASS
	2250.1250	-44.8804	-20.00	PASS
	2700.1500	-44.0156	-20.00	PASS
	3150.1750	-42.2898	-20.00	PASS
	3600.2000	-43.8947	-20.00	PASS
	4050.2250	-44.0964	-20.00	PASS
	4500.2500	-44.3978	-20.00	PASS

Phase II.: 450.025 MHz, 12.5 kHz Channel Spacing, Low Power



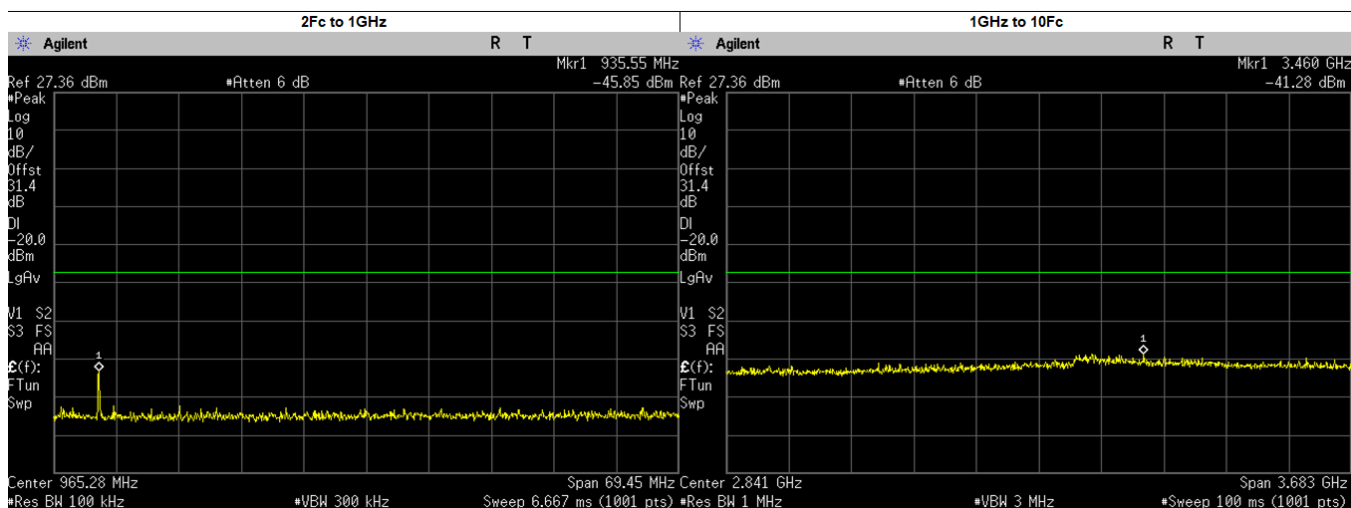
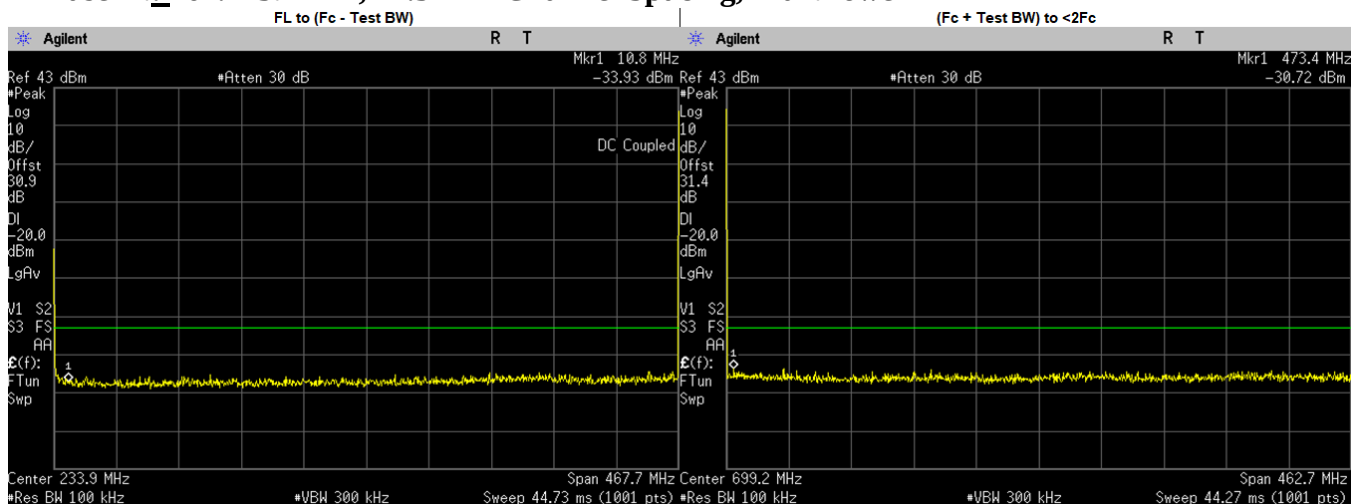
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	375.3000	-32.5320	-20.00	PASS
(Fc + Test BW) to <2Fc	490.5739	-30.6900	-20.00	PASS
2Fc to 1GHz	900.0500	-44.5800	-20.00	PASS
1GHz to 10Fc	3485.2220	-41.2200	-20.00	PASS
	1350.0750	-46.0966	-20.00	PASS
	1800.1000	-45.6339	-20.00	PASS
	2250.1250	-44.8796	-20.00	PASS
	2700.1500	-44.7384	-20.00	PASS
	3150.1750	-42.4134	-20.00	PASS
	3600.2000	-44.2761	-20.00	PASS
	4050.2250	-44.3173	-20.00	PASS
	4500.2500	-44.0811	-20.00	PASS

Phase II.: 459.125. MHz, 12.5 kHz Channel Spacing, Max.Power



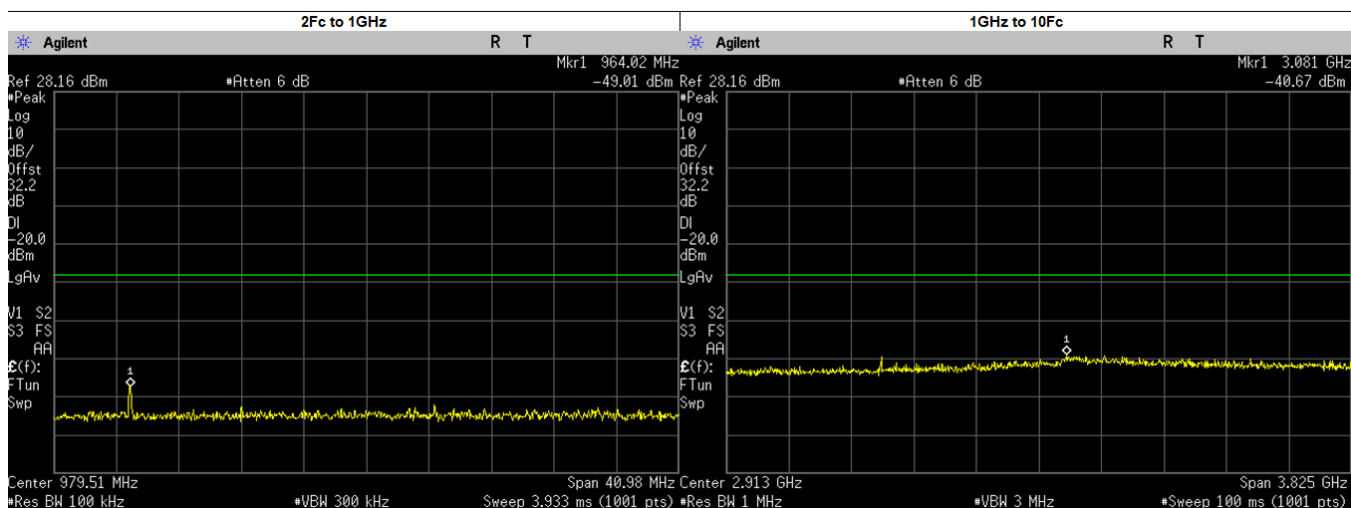
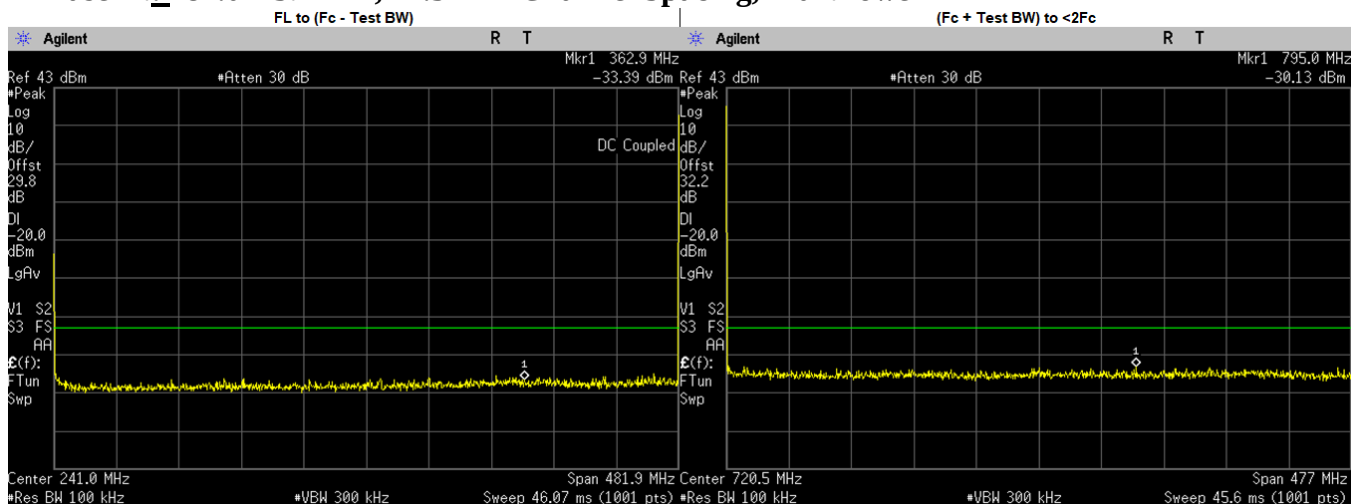
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	96.0000	-32.8210	-20.00	PASS
(Fc + Test BW) to <2Fc	606.7540	-30.1200	-20.00	PASS
2Fc to 1GHz	918.2500	-46.9800	-20.00	PASS
1GHz to 10Fc	3089.4210	-41.7300	-20.00	PASS
	1377.3750	-45.9678	-20.00	PASS
	1836.5000	-46.0879	-20.00	PASS
	2295.6250	-45.3587	-20.00	PASS
	2754.7500	-44.5392	-20.00	PASS
	3213.8750	-43.1062	-20.00	PASS
	3673.0000	-44.2326	-20.00	PASS
	4132.1250	-44.3631	-20.00	PASS
	4591.2500	-44.2293	-20.00	PASS

Phase II.: 467.775 MHz, 12.5 kHz Channel Spacing, Max. Power



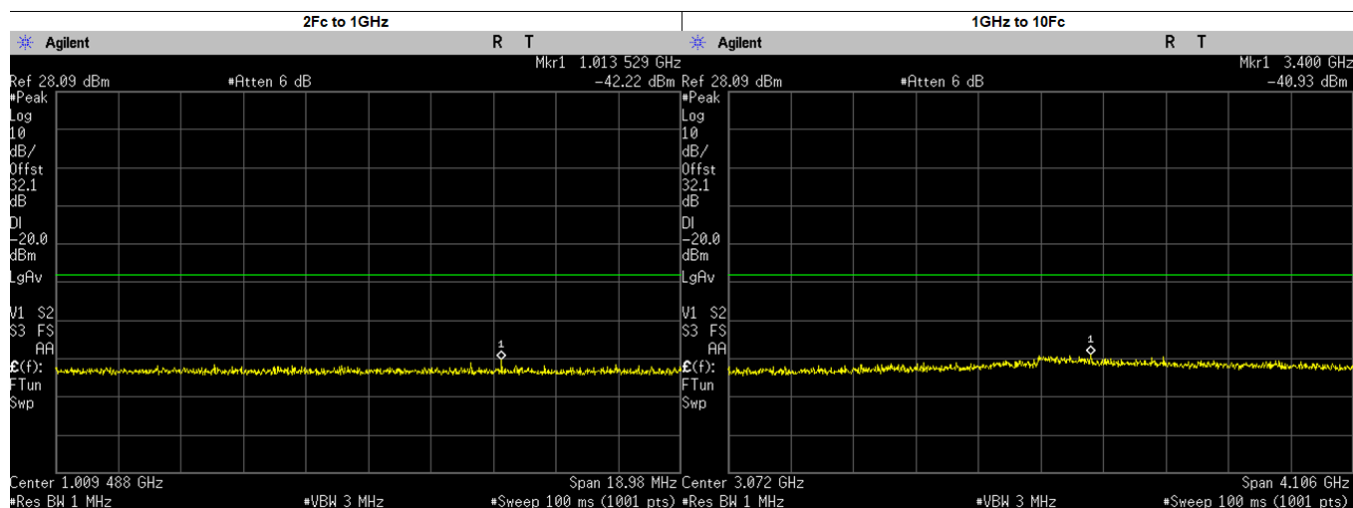
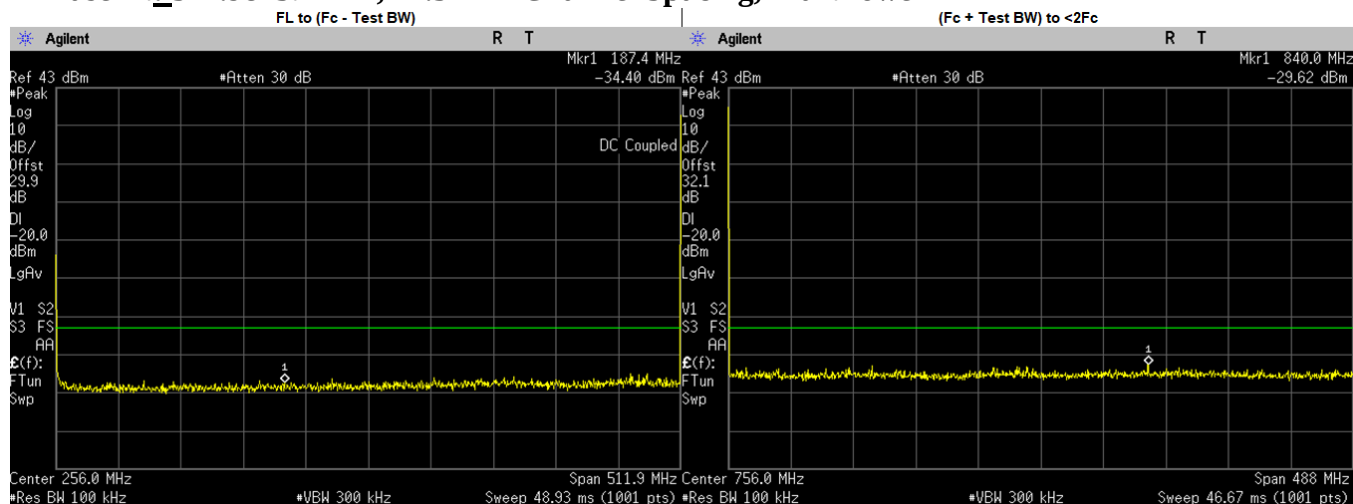
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	10.8000	-33.9330	-20.00	PASS
(Fc + Test BW) to <2Fc	473.3844	-30.7400	-20.00	PASS
2Fc to 1GHz	935.5500	-45.8540	-20.00	PASS
1GHz to 10Fc	3460.0770	-41.2800	-20.00	PASS
	1403.3250	-45.7499	-20.00	PASS
	1871.1000	-45.6053	-20.00	PASS
	2338.8750	-45.5408	-20.00	PASS
	2806.6500	-44.3985	-20.00	PASS
	3274.4250	-43.5623	-20.00	PASS
	3742.2000	-43.5471	-20.00	PASS
	4209.9750	-44.3803	-20.00	PASS
	4677.7500	-44.0842	-20.00	PASS

Phase II: 482.0125 MHz, 12.5 kHz Channel Spacing, Max Power



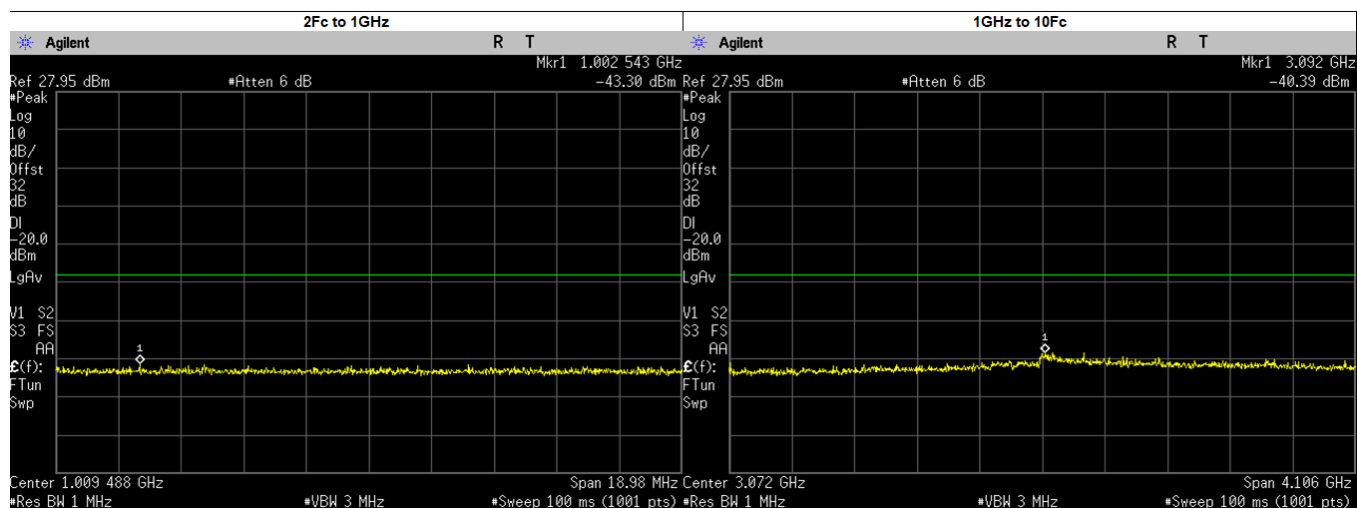
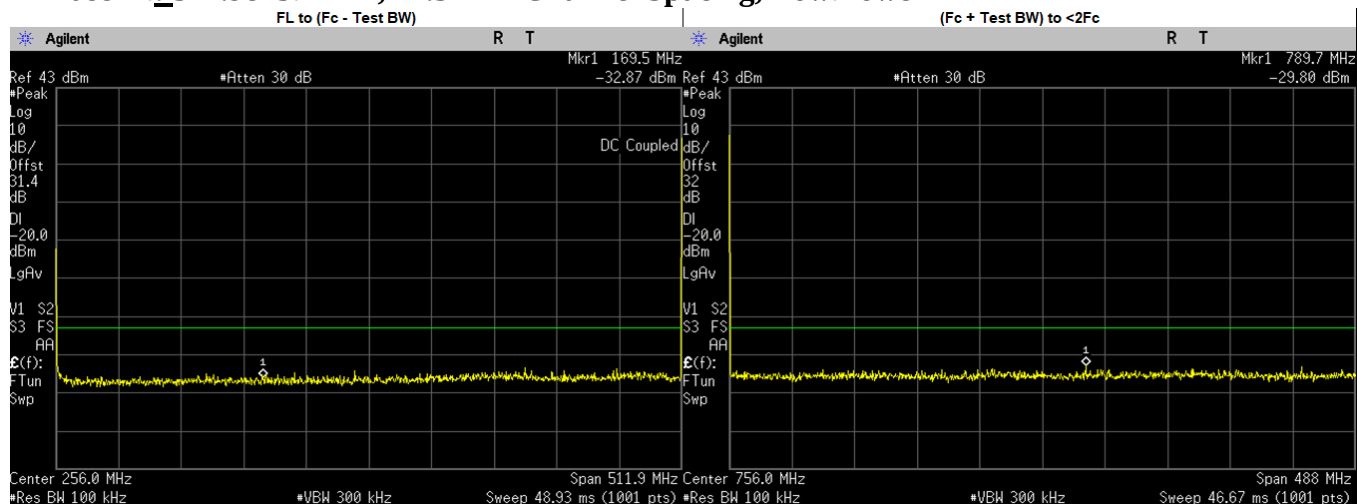
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	362.9000	-33.3880	-20.00	PASS
(Fc + Test BW) to <2Fc	794.9522	-30.1300	-20.00	PASS
2Fc to 1GHz	964.0200	-49.0100	-20.00	PASS
	964.0250	-49.0235	-20.00	PASS
1GHz to 10Fc	3080.8680	-40.6700	-20.00	PASS
	1446.0370	-44.7317	-20.00	PASS
	1928.0500	-45.6175	-20.00	PASS
	2410.0620	-44.8609	-20.00	PASS
	2892.0750	-43.2875	-20.00	PASS
	3374.0880	-42.7381	-20.00	PASS
	3856.1000	-43.0037	-20.00	PASS
	4338.1130	-43.3872	-20.00	PASS
	4820.1250	-43.0229	-20.00	PASS

Phase II.: 511.9875. MHz, 12.5 kHz Channel Spacing, Max. Power



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	187.4000	-34.4020	-20.00	PASS
(Fc + Test BW) to <2Fc	839.9505	-29.6200	-20.00	PASS
2Fc to 1GHz	1013.5290	-42.2200	-20.00	PASS
1GHz to 10Fc	3400.3970	-40.9300	-20.00	PASS
	1023.9750	-44.5211	-20.00	PASS
	1535.9630	-44.7959	-20.00	PASS
	2047.9500	-44.8184	-20.00	PASS
	2559.9370	-44.2010	-20.00	PASS
	3071.9250	-41.6170	-20.00	PASS
	3583.9120	-43.3732	-20.00	PASS
	4095.9000	-43.9051	-20.00	PASS
	4607.8870	-43.3841	-20.00	PASS
	5119.8750	-43.9169	-20.00	PASS

Phase II: 511.9875 MHz, 12.5 kHz Channel Spacing, Low Power



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	169.5000	-32.8700	-20.00	PASS
(Fc + Test BW) to <2Fc	789.6911	-29.8000	-20.00	PASS
2Fc to 1GHz	1002.5430	-43.3000	-20.00	PASS
1GHz to 10Fc	3092.4540	-40.3900	-20.00	PASS
	1023.9750	-43.6824	-20.00	PASS
	1535.9630	-44.8265	-20.00	PASS
	2047.9500	-45.0030	-20.00	PASS
	2559.9370	-44.2069	-20.00	PASS
	3071.9250	-41.4020	-20.00	PASS
	3583.9120	-42.6035	-20.00	PASS
	4095.9000	-43.8324	-20.00	PASS
	4607.8870	-44.0837	-20.00	PASS
	5119.8750	-44.3895	-20.00	PASS