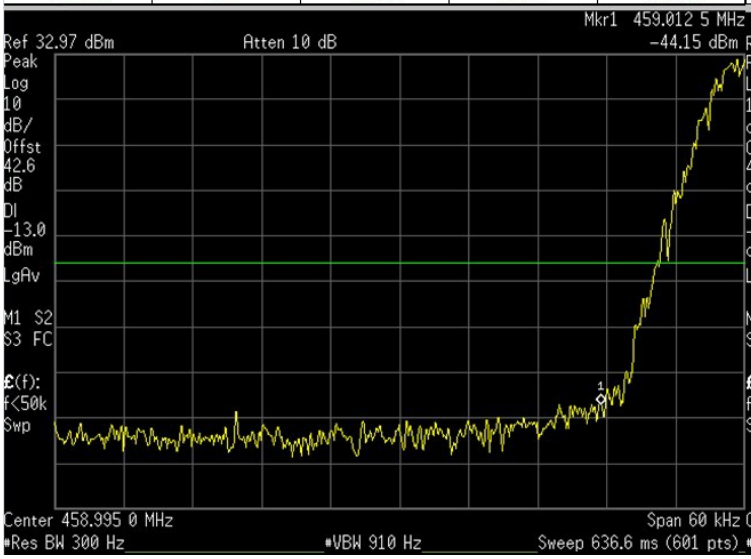
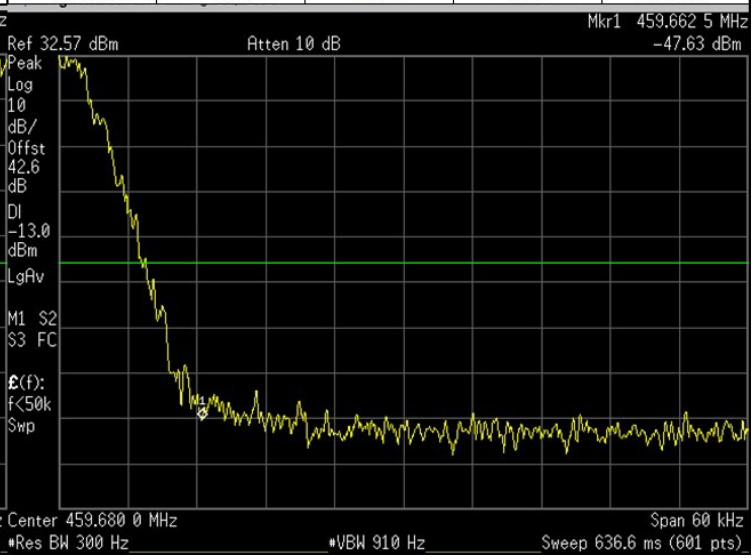
6.7.4. Test Result (Digital)

MAX POWER

Modulation	Rules Part			
4FSK Data	FCC Part 22.359(b)			
Channel Frequency	**Channel Spacing**	**-26 dB Point (kHz)**	**99% OCB**	**Emission Designator**
459.0250	12.5	10.0073	7.5239	7K60F1D

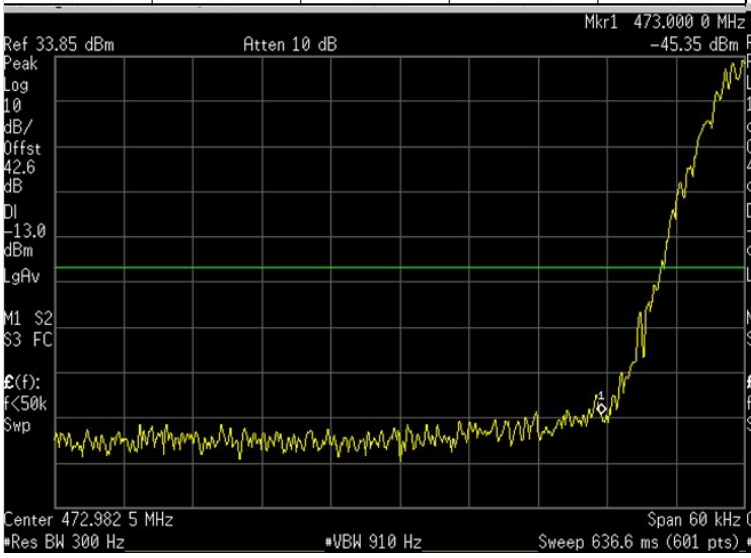


Modulation	Rules Part			
4FSK Data	FCC Part 22.359(b)			
Channel Frequency	**Channel Spacing**	**-26 dB Point (kHz)**	**99% OCB**	**Emission Designator**
459.6500	12.5	8.7002	7.5074	7K60F1D

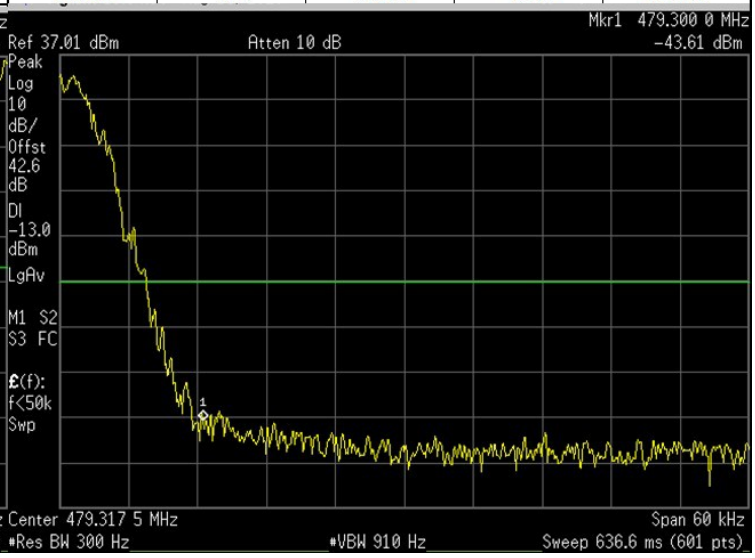


MAX POWER

Modulation	Rules Part			
4FSK Data	FCC Part 22.359(b)			
Channel Frequency	**Channel Spacing**	**-26 dB Point (kHz)**	**99% OCB**	**Emission Designator**
473.0125	12.5	9.2254	7.1766	7K60F1D



Modulation	Rules Part			
4FSK Data	FCC Part 22.359(b)			
Channel Frequency	**Channel Spacing**	**-26 dB Point (kHz)**	**99% OCB**	**Emission Designator**
479.2875	12.5	10.2817	7.2130	7K60F1D

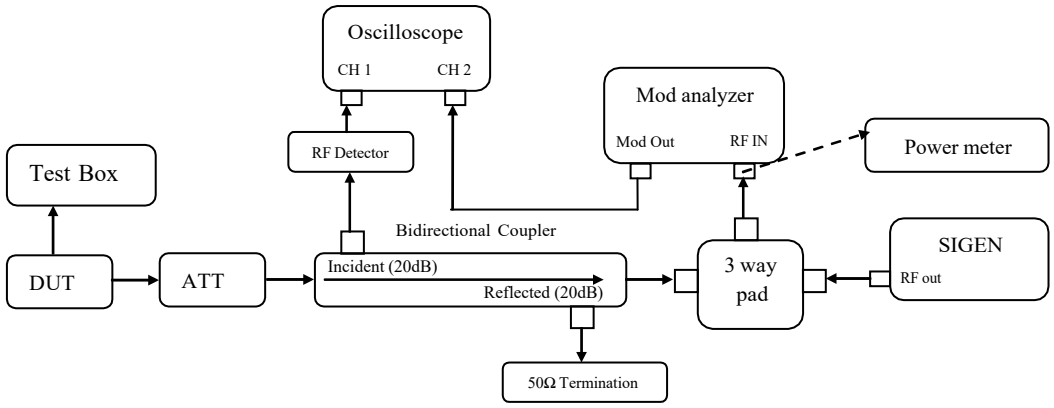


6.7.5. Test Limit

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

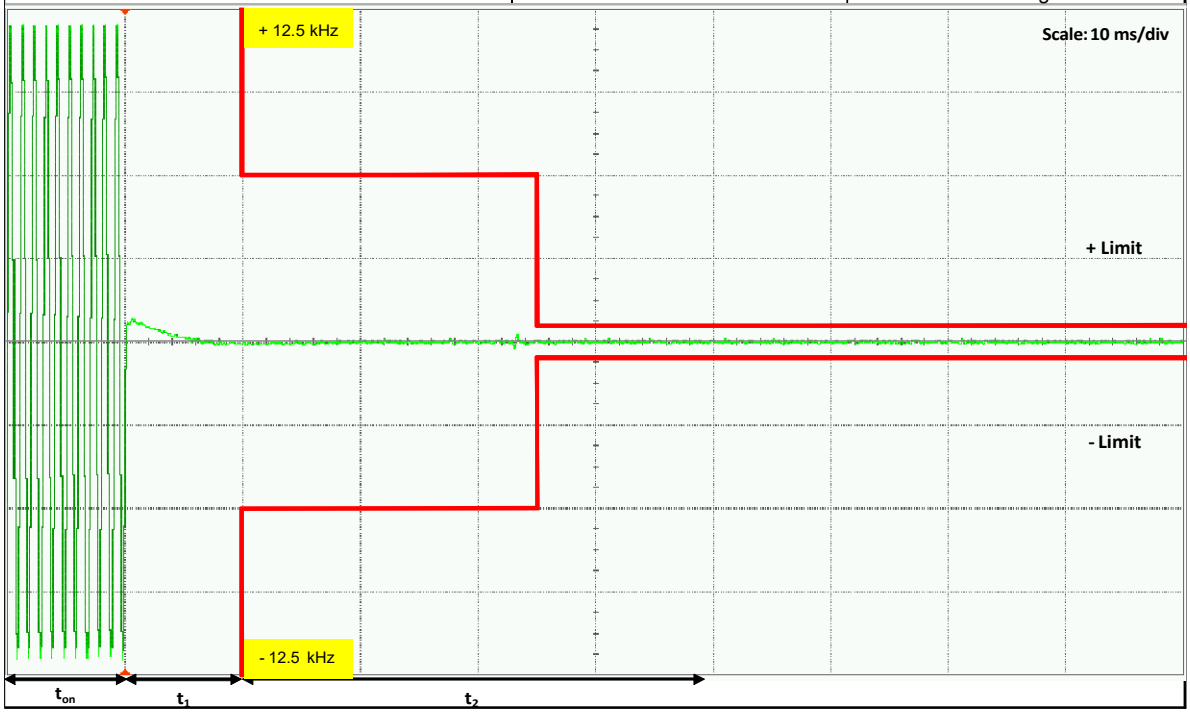
6.8.1. Test Setup



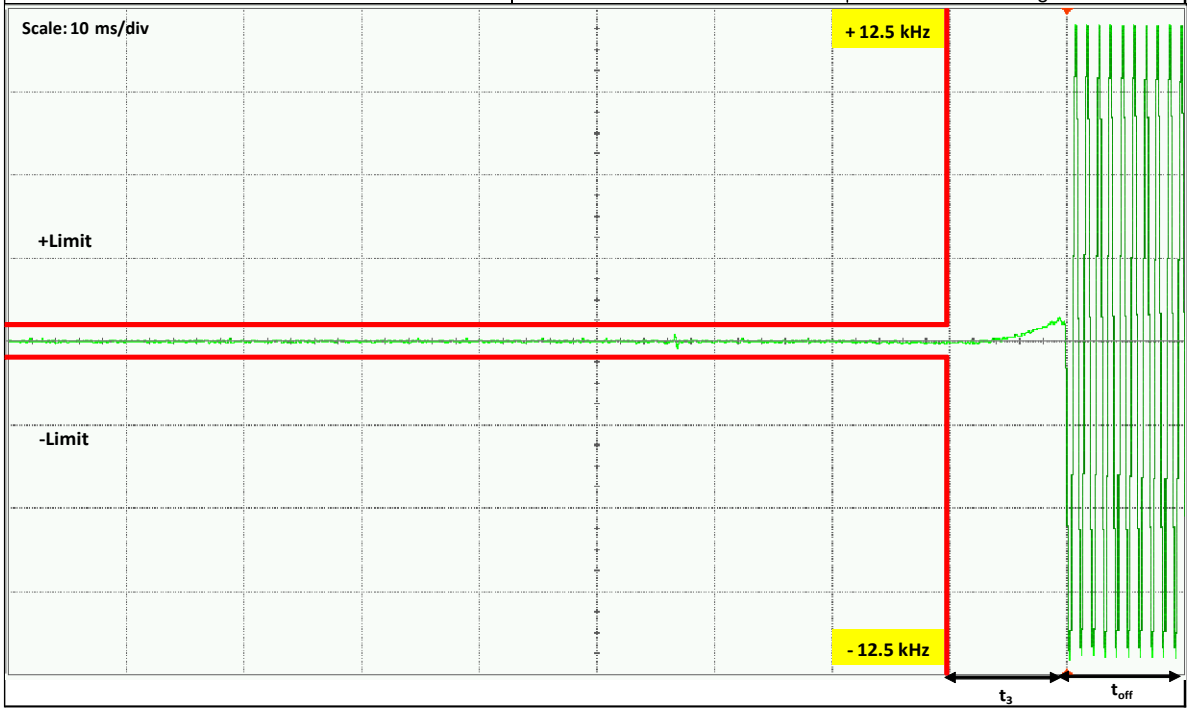
1) Connect the setup as figure above.
2) Path loss for the measurement included.
3) Set on Sigen with the assigned center frequency, internal 1 kHz FM tone.
   FM Deviation: Analog 25kHz Channel Spacing = 25 kHz
   Analog 12.5 kHz Channel Spacing = 12.5 kHz
   C4FM = 12.5 kHz
4) Turn on 50 kHz high pass filter and 15 kHz low pass filter on modulation analyzer.
5) Supply sufficient attenuation ATT to provide the output power of ≤ -11dBm 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

Switch On Condition t_{on}, t_1 and t_2		
Channel Frequency (MHz)	**Channel Spacing (kHz)**	**Mode**
467.7750	12.5	Analog

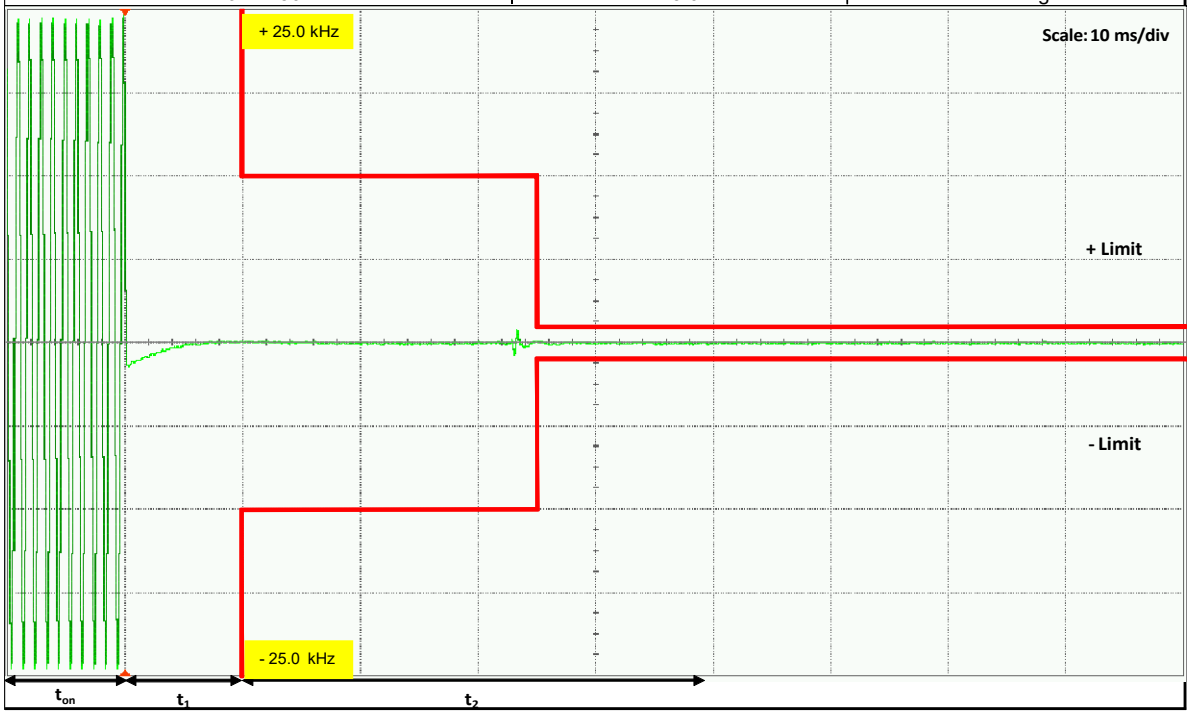


Switch Off Condition t_3 t_{off}		
Channel Frequency (MHz)	**Channel Spacing (kHz)**	**Mode**
467.7750	12.5	Analog

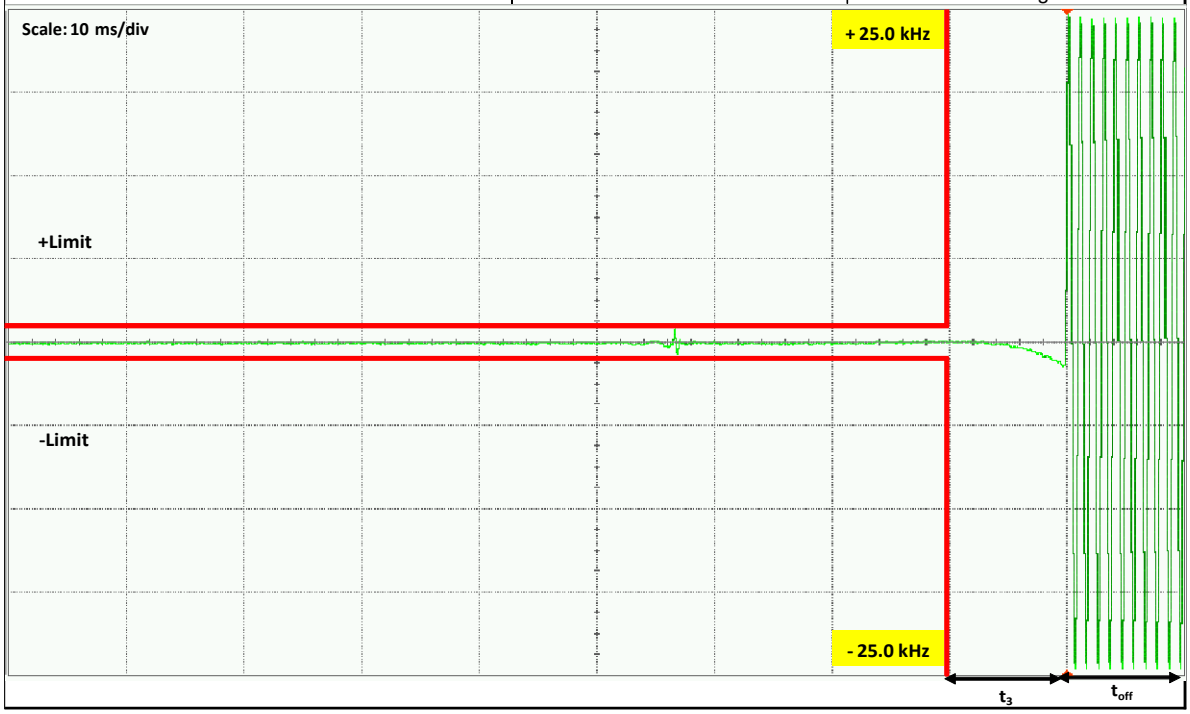


Not for FCC review

Switch On Condition t_{on}, t_1 and t_2		
Channel Frequency (MHz)	**Channel Spacing (kHz)**	**Mode**
467.7750	25.0	Analog



Switch Off Condition t_3 t_{off}		
Channel Frequency (MHz)	**Channel Spacing (kHz)**	**Mode**
467.7750	25.0	Analog



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] t_{on} is the instant when a 1 kHz test signal is completely suppressed, including any capture time due to phasing.
t_1 is the time period immediately following t_{on}.
t_2 is the time period immediately following t_1.
t_3 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.

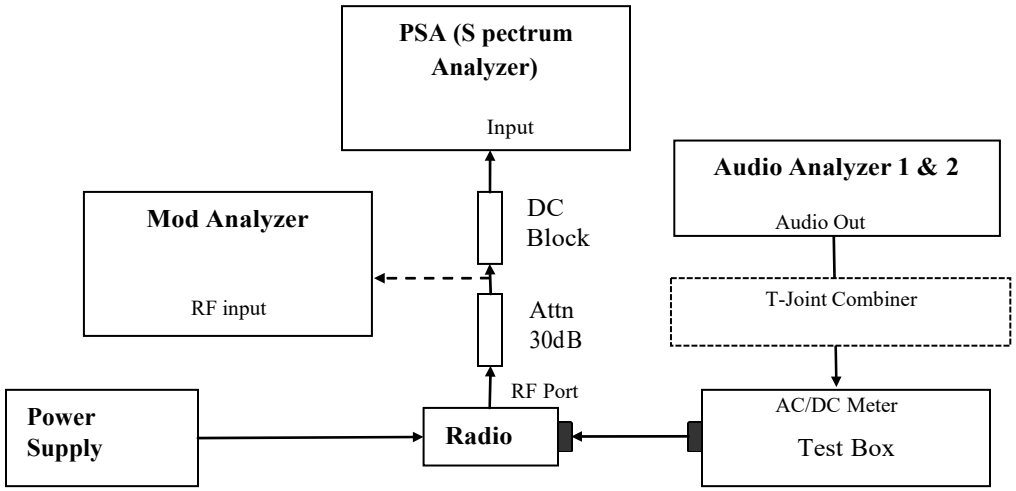
[2] During the time from the end of t_2 to the beginning of t_3, the frequency difference must not exceed the limits specified in §90.213.

[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)

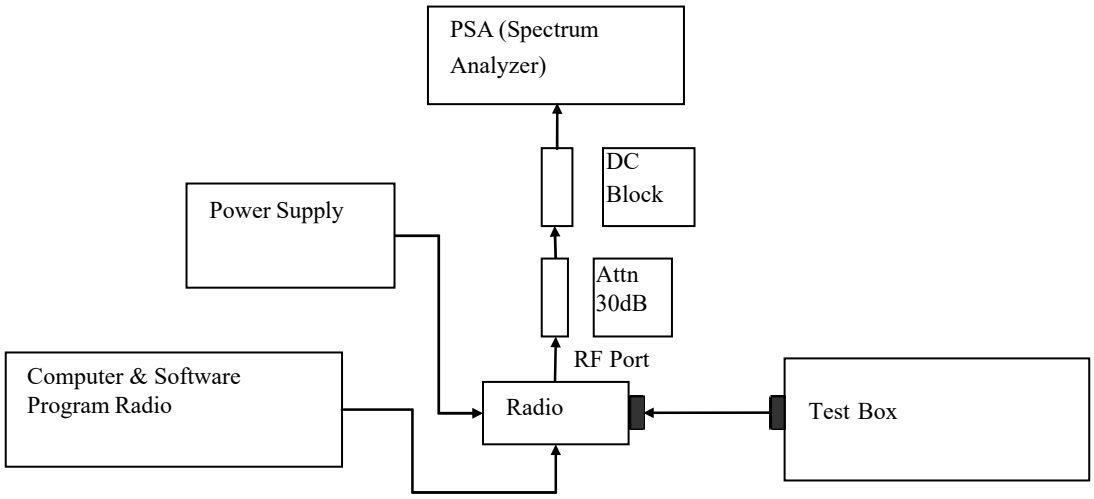


1) The DUT transmitter output port was connected to modulation analyzer.
2) Transmit the radio and turn on 1st audio analyzer with audio frequency 650Hz, 50% rated deviation, and record the amplitude value as AmpT1.
3) Turn off Audio analyzer 1 and turn on audio analyzer 2, set the audio frequency to 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

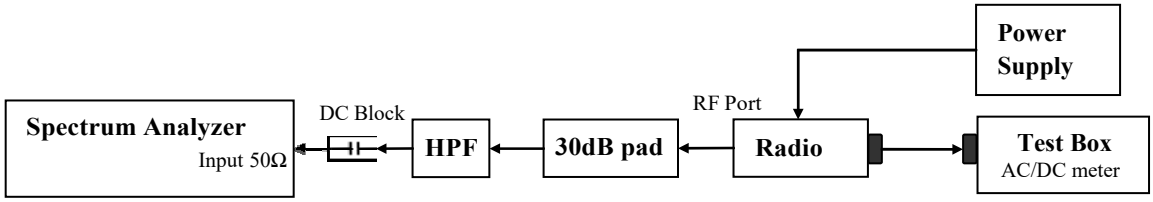
Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP (dBc)
9.375	6.25	−40
15.625	6.25	−60
21.875	6.25	−60
37.5	25	−60
62.5	25	−65
87.5	25	−65
150	100	−65
250	100	−65
350.00	100	−65
>400 kHz to 12 MHz	30 (s)	−80
12 MHz to paired receive band	30 (s)	−80
In the paired receive band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

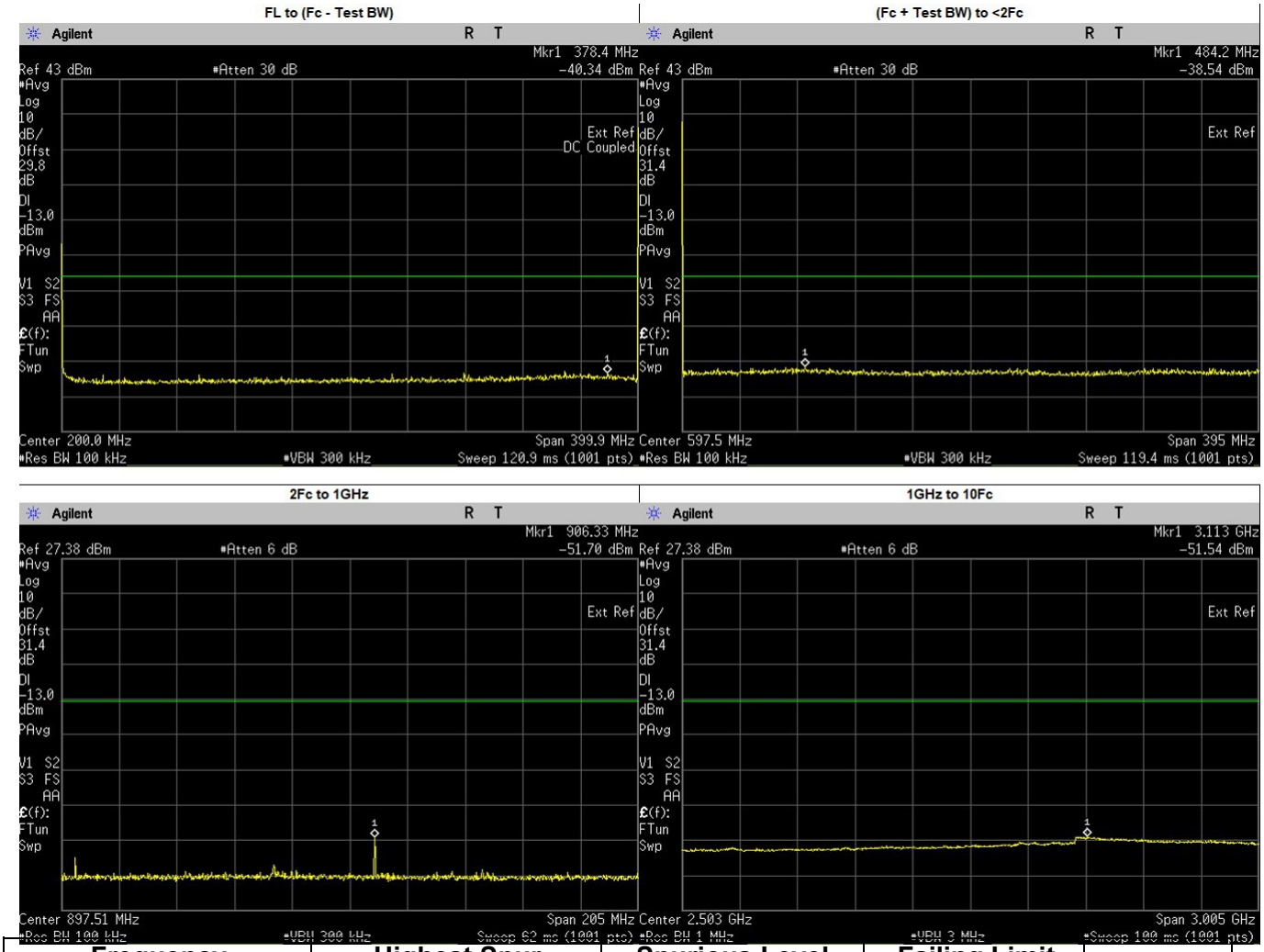


1) The DUT transmitter output port was connected to Spectrum Analyzer with above setup.
2) Program and set radio to operate in desire test frequency and mode. (Analog / digital modulation form).
3) Path loss for the measurement included.
4) Set the PSA Resolution Bandwidth as per rules part.
5) Set the 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 Fc – Test Bandwidth
    b. Fc + Test Bandwidth to 2Fc – 5MHz.
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 2Fc to 10Fc
11) Key up the DUT and record the highest spur levels of spurious emissions.

6.10.2. Test Result (Analog)

Analog: 400.0125. MHz, 25.kHz Channel Spacing, Max. Power

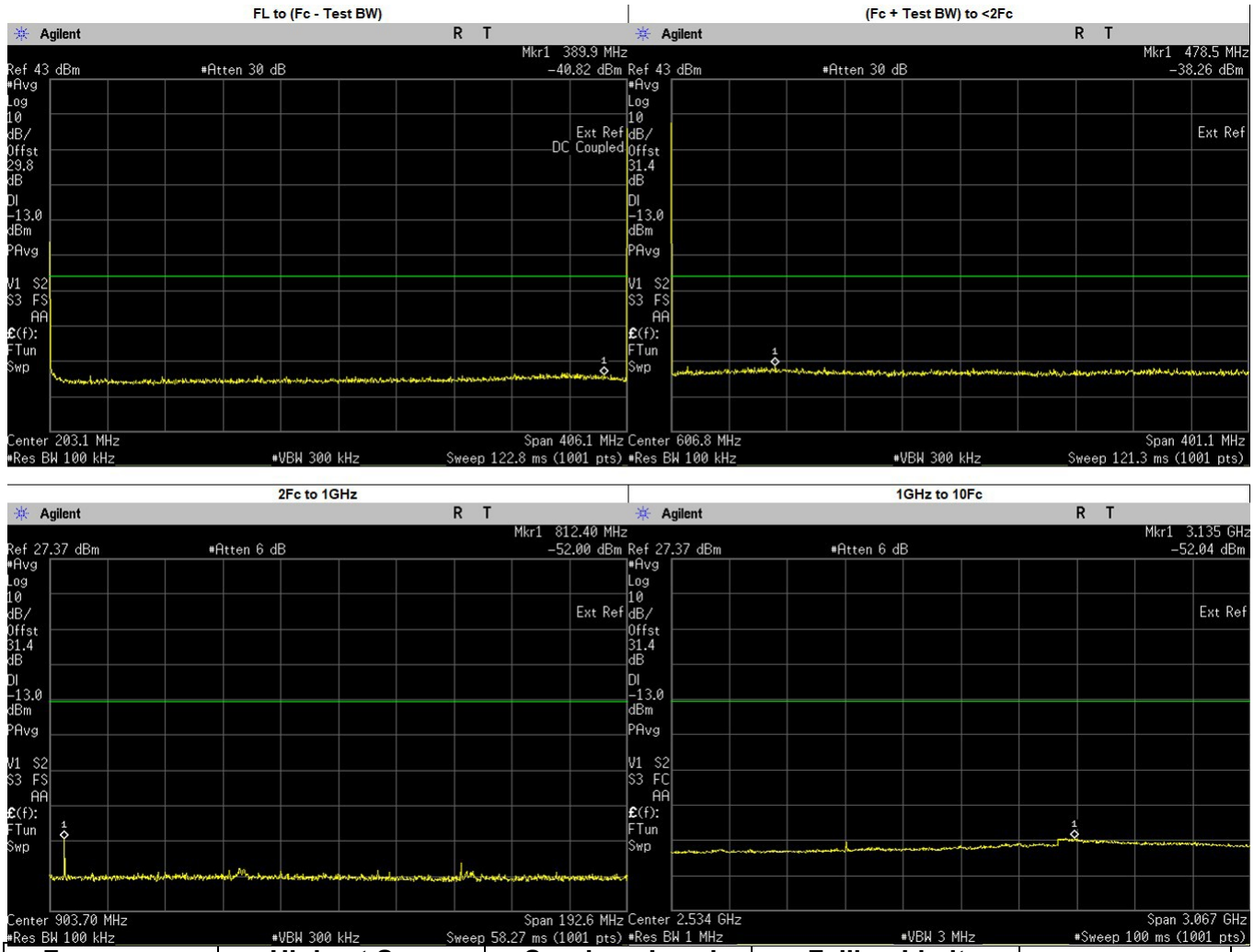
Not for FCC review



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	378.4000	-40.3370	-13.00	PASS
(Fc + Test BW) to <2Fc	484.1939	-38.5400	-13.00	PASS
2Fc to 1GHz	906.3264	-51.7000	-13.00	PASS
	800.0250	-59.1609	-13.00	PASS
1GHz to 10Fc	3112.6030	-51.5400	-13.00	PASS
	1200.0370	-55.2722	-13.00	PASS
	1600.0500	-55.3741	-13.00	PASS
	2000.0620	-54.8058	-13.00	PASS
	2400.0750	-54.6946	-13.00	PASS
	2800.0880	-53.6761	-13.00	PASS
	3200.1000	-52.2955	-13.00	PASS
	3600.1130	-53.1205	-13.00	PASS
	4000.1250	-53.7630	-13.00	PASS

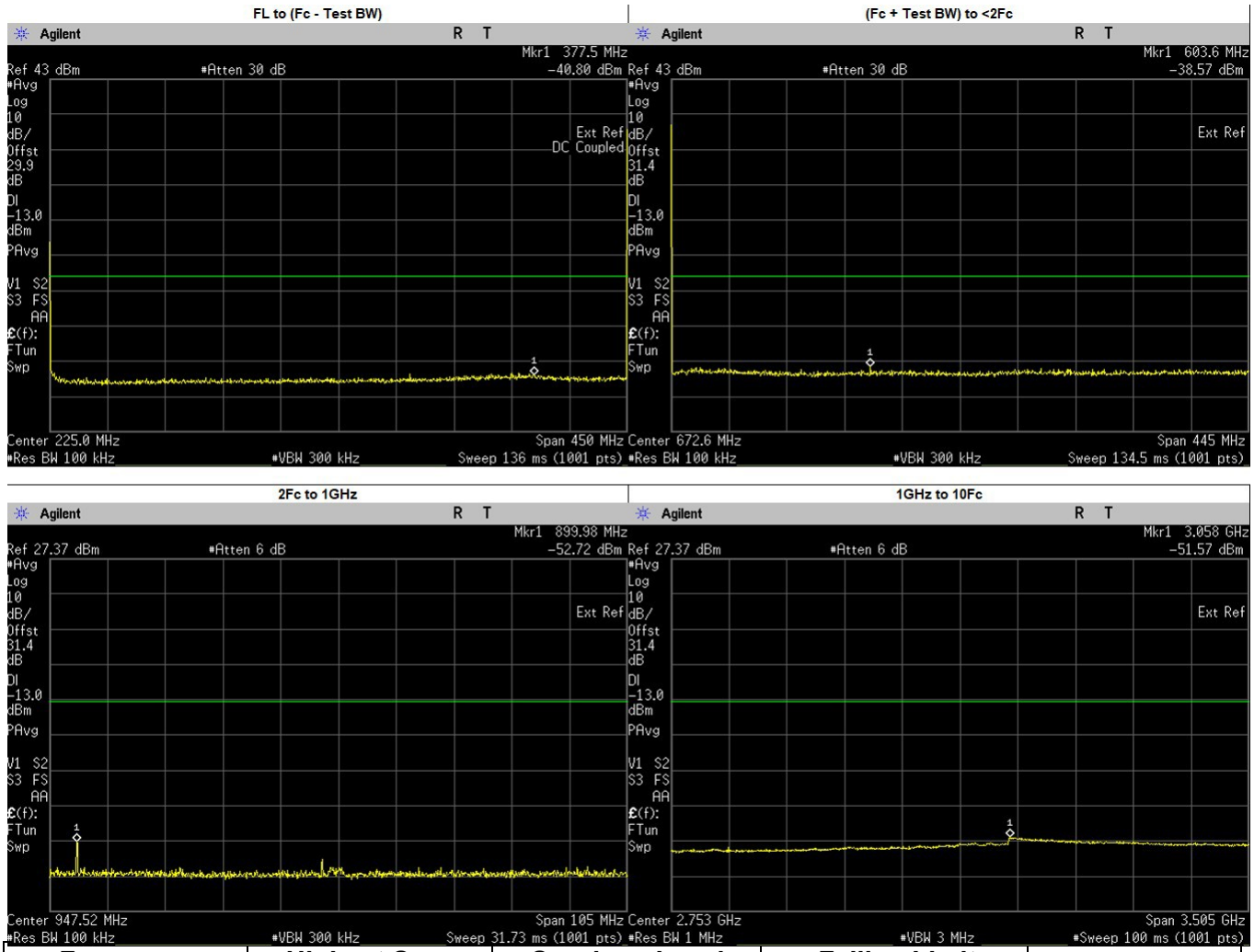
Analog: 406.2. MHz, 25.kHz Channel Spacing, Max. Power

Not for FCC review



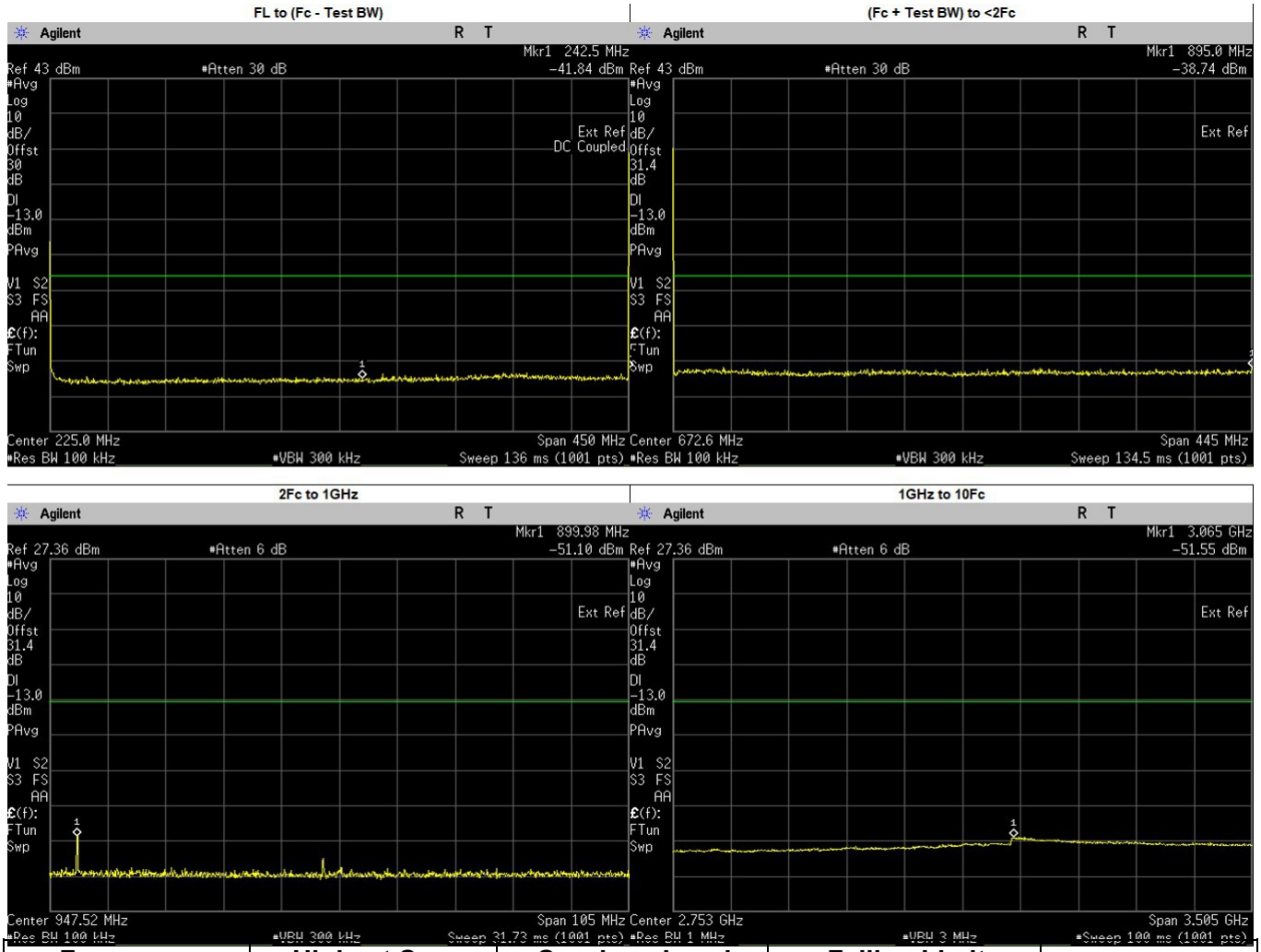
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	389.9000	-40.8210	-13.00	PASS
(Fc + Test BW) to <2Fc	478.4616	-38.2600	-13.00	PASS
2Fc to 1GHz	812.4000	-52.0000	-13.00	PASS
1GHz to 10Fc	3135.0000	-52.0400	-13.00	PASS
	1218.6000	-54.9158	-13.00	PASS
	1624.8000	-55.4362	-13.00	PASS
	2031.0000	-54.8945	-13.00	PASS
	2843.4000	-53.4820	-13.00	PASS
	3249.6000	-52.5685	-13.00	PASS
	3655.8000	-53.0281	-13.00	PASS
	4062.0000	-53.6146	-13.00	PASS

Analog: 450.025. MHz, 25.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)	377.5000	-40.8000	-13.00	PASS
(Fc + Test BW) to <2Fc	603.5958	-38.5700	-13.00	PASS
2Fc to 1GHz	899.9827	-52.7200	-13.00	PASS
	900.0500	-52.9266	-13.00	PASS
1GHz to 10Fc	3057.5820	-51.5700	-13.00	PASS
	1350.0750	-54.5913	-13.00	PASS
	1800.1000	-55.1866	-13.00	PASS
	2250.1250	-54.6945	-13.00	PASS
	2700.1500	-54.1631	-13.00	PASS
	3150.1750	-52.0861	-13.00	PASS
	3600.2000	-53.0488	-13.00	PASS
	4050.2250	-53.7760	-13.00	PASS
	4500.2500	-53.6009	-13.00	PASS

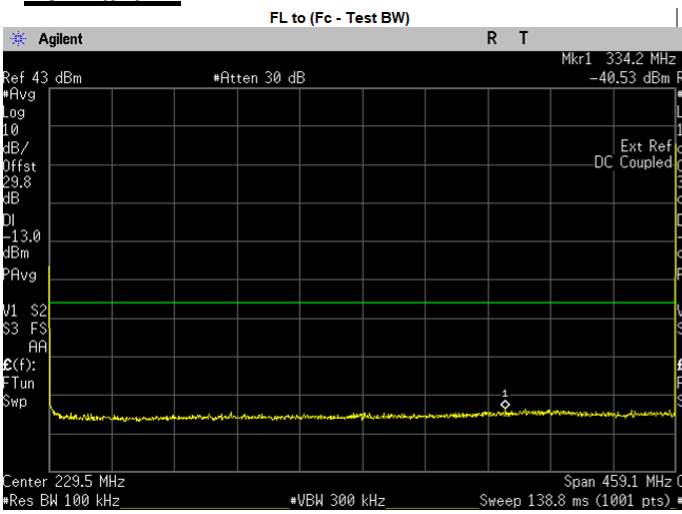
Analog: 450.025. MHz, 25.kHz Channel Spacing, Low. Power For Part 74



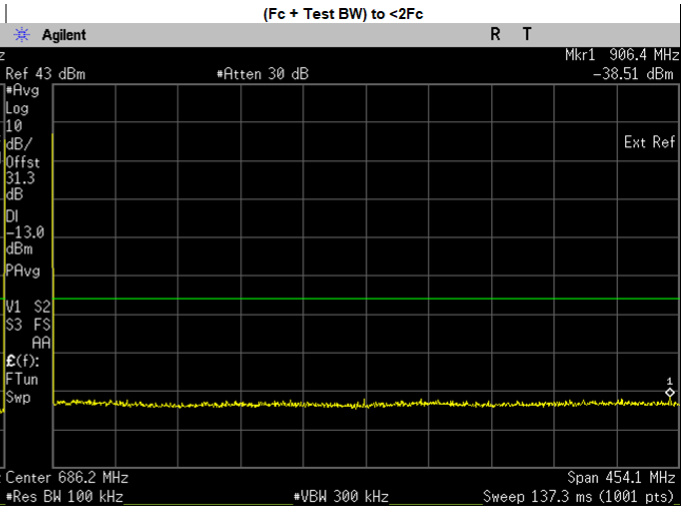
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	242.5000	-41.8390	-13.00	PASS
(Fc + Test BW) to <2Fc	895.0500	-38.7400	-13.00	PASS
2Fc to 1GHz	899.9827	-51.1000	-13.00	PASS
	900.0500	-51.1303	-13.00	PASS
1GHz to 10Fc	3064.5920	-51.5500	-13.00	PASS
	1350.0750	-55.5155	-13.00	PASS
	1800.1000	-55.0846	-13.00	PASS
	2250.1250	-54.6630	-13.00	PASS
	2700.1500	-53.8856	-13.00	PASS
	3150.1750	-52.0293	-13.00	PASS
	3600.2000	-53.2493	-13.00	PASS
	4050.2250	-53.6439	-13.00	PASS
	4500.2500	-53.8352	-13.00	PASS

Analog: 459.125. MHz, 25.kHz Channel Spacing, Max. Power For Part 22

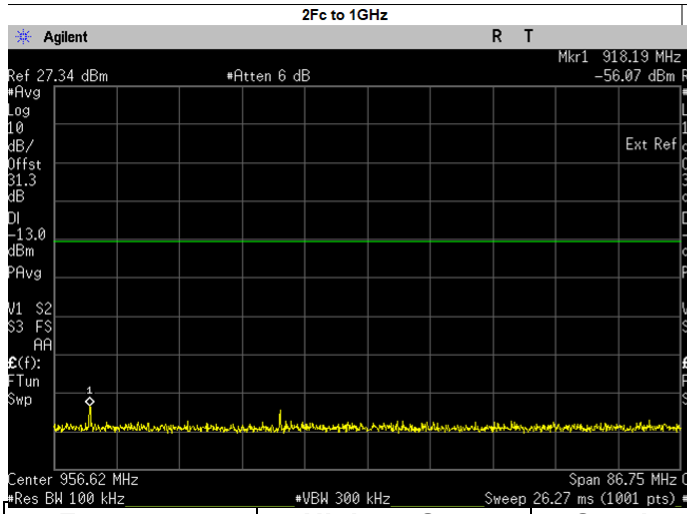
FL to (Fc - Test BW)



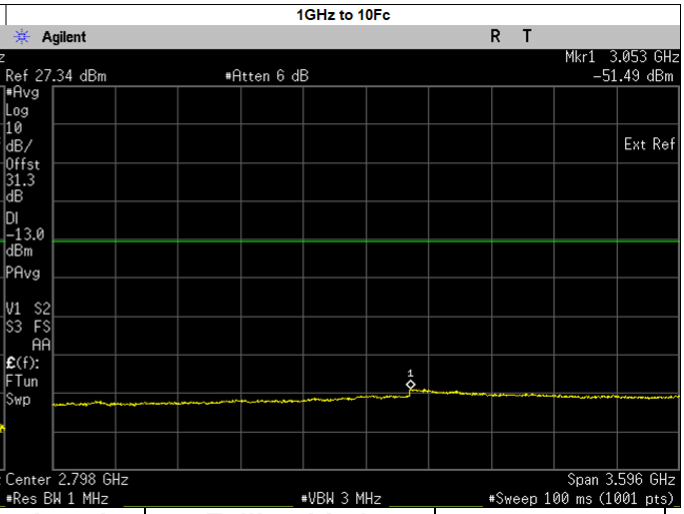
(Fc + Test BW) to <2Fc



2Fc to 1GHz

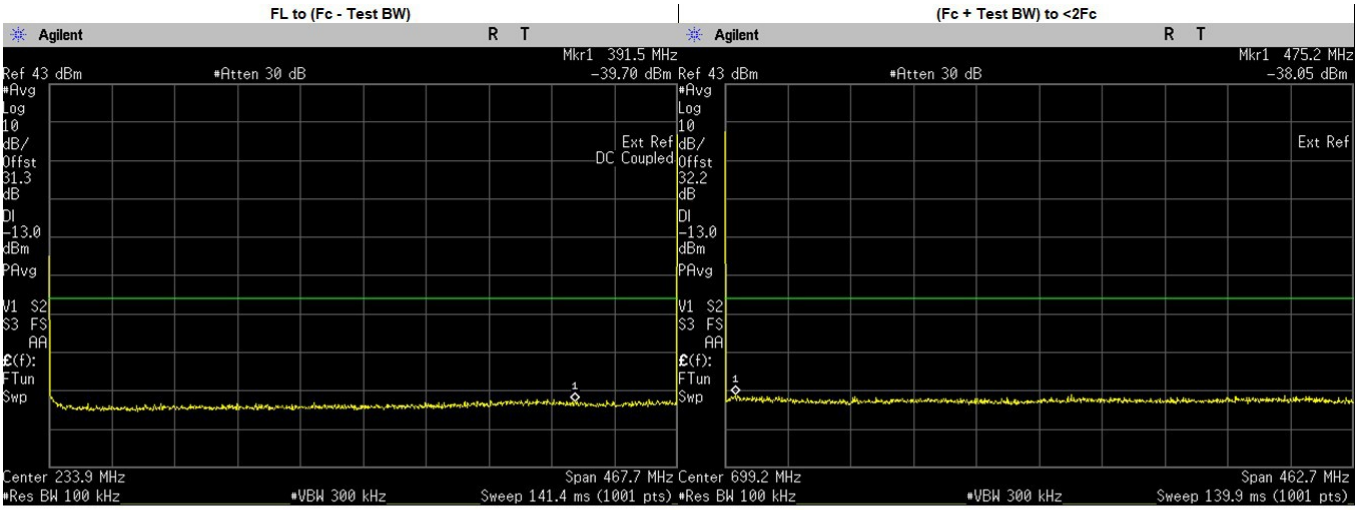


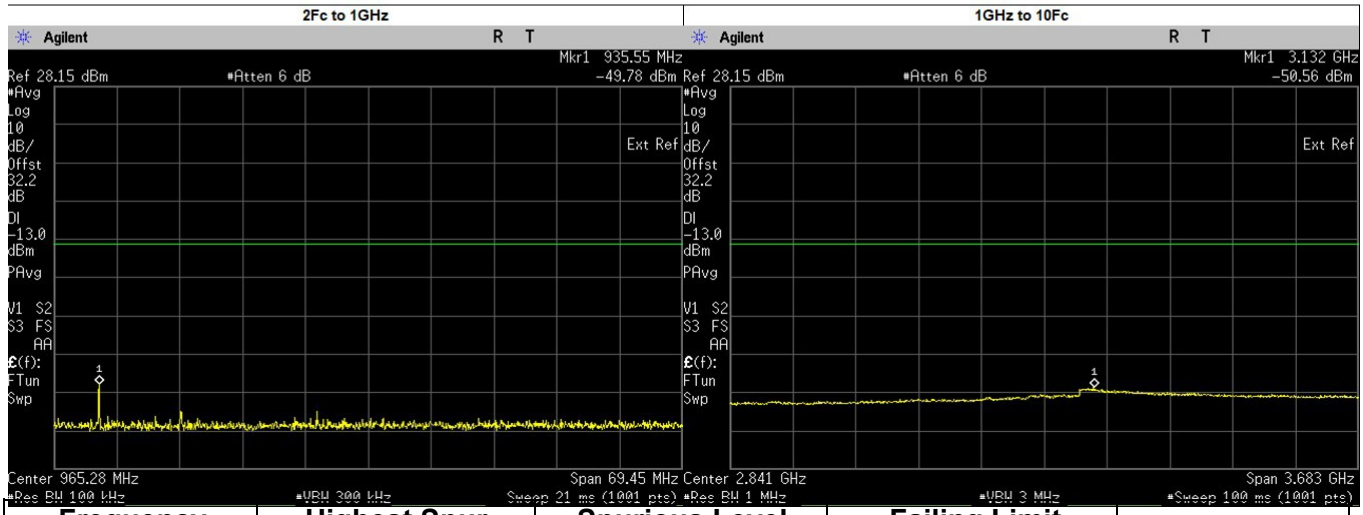
1GHz to 10Fc



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	334.2000	-40.5310	-13.00	PASS
(Fc + Test BW) to <2Fc	906.4390	-38.5200	-13.00	PASS
2Fc to 1GHz	918.1947	-56.0700	-13.00	PASS
	918.2500	-56.3054	-13.00	PASS
1GHz to 10Fc	3053.4590	-51.4900	-13.00	PASS
	1377.3750	-55.2838	-13.00	PASS
	1836.5000	-55.2729	-13.00	PASS
	2295.6250	-54.9080	-13.00	PASS
	2754.7500	-53.5050	-13.00	PASS
	3213.8750	-52.4526	-13.00	PASS
	3673.0000	-53.1571	-13.00	PASS
	4132.1250	-53.4593	-13.00	PASS
	4591.2500	-53.5366	-13.00	PASS

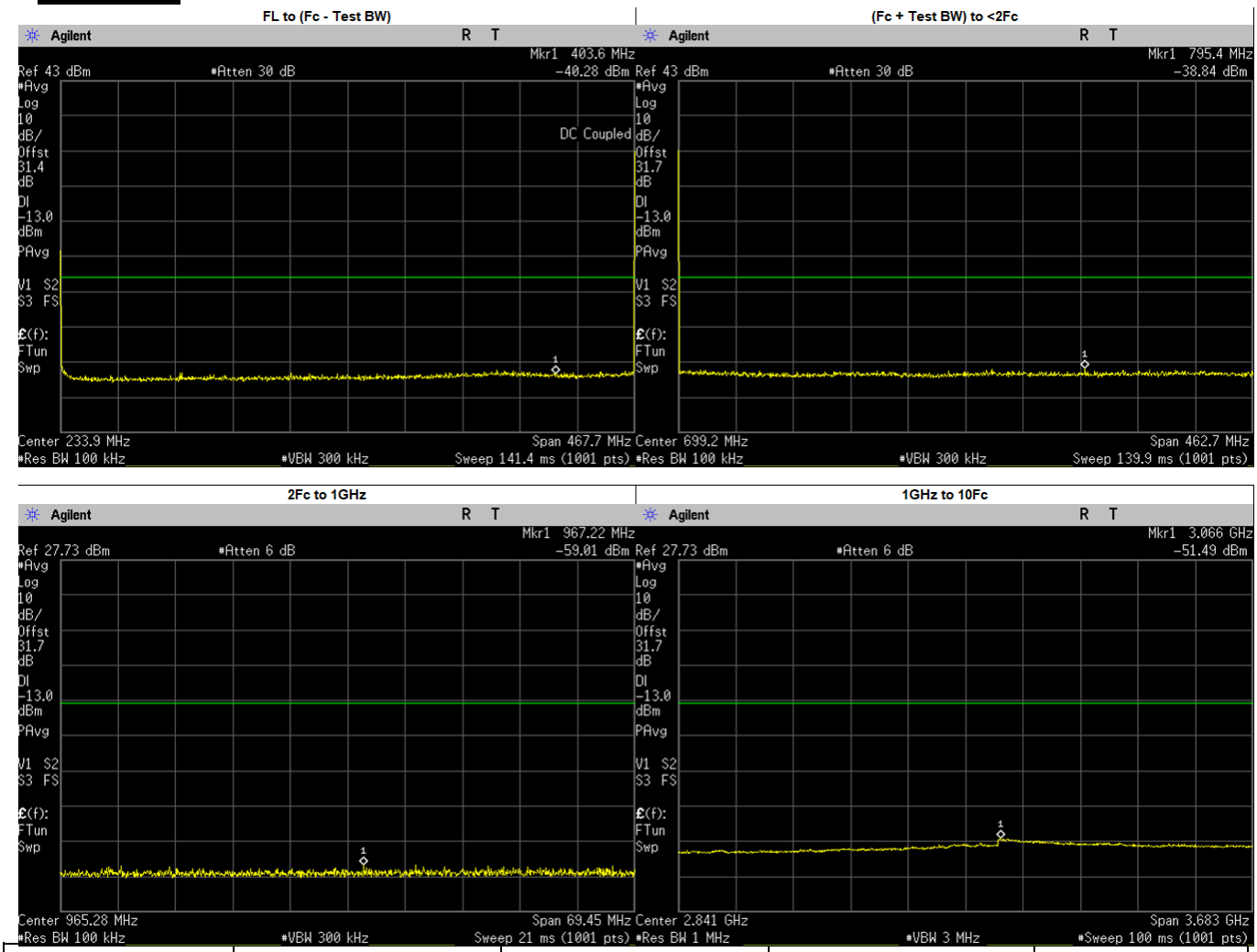
Analog: 467.775. MHz, 25.kHz Channel Spacing, Max. Power For Part 80





Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	391.5000	-39.6960	-13.00	PASS
(Fc + Test BW) to <2Fc	475.2353	-38.0500	-13.00	PASS
2Fc to 1GHz	935.5500	-49.7942	-13.00	PASS
1GHz to 10Fc	3132.3120	-50.5500	-13.00	PASS
	1403.3250	-54.6127	-13.00	PASS
	1871.1000	-54.2724	-13.00	PASS
	2338.8750	-53.9490	-13.00	PASS
	2806.6500	-52.8901	-13.00	PASS
	3274.4250	-51.7057	-13.00	PASS
	3742.2000	-52.2357	-13.00	PASS
	4209.9750	-52.6551	-13.00	PASS
	4677.7500	-53.1308	-13.00	PASS

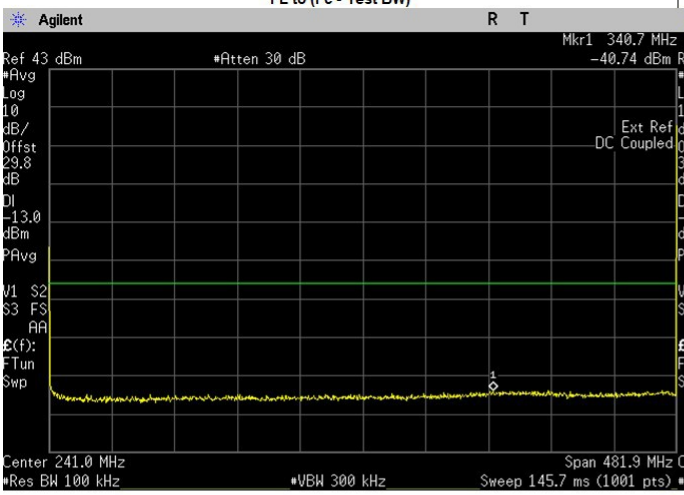
Analog: 467.775. MHz, 25.kHz Channel Spacing, Low. Power For Part 80



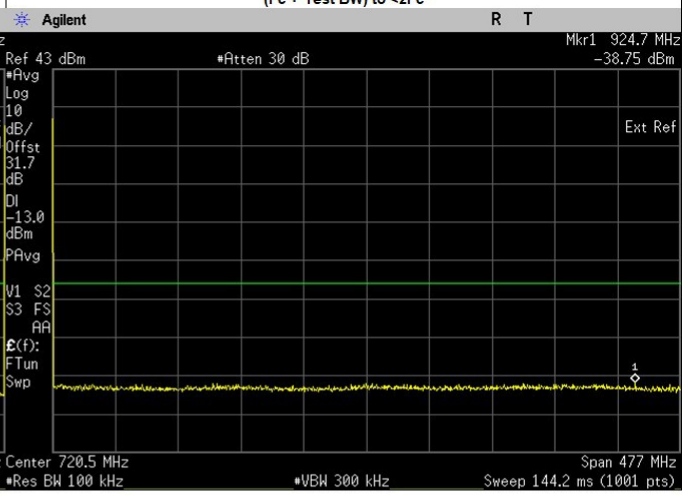
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	403.6000	-40.2800	-13.00	PASS
(Fc + Test BW) to <2Fc	795.4363	-38.8400	-13.00	PASS
2Fc to 1GHz	967.2196	-59.0100	-13.00	PASS
	935.5500	-60.1006	-13.00	PASS
1GHz to 10Fc	3066.0230	-51.4900	-13.00	PASS
	1403.3250	-55.2329	-13.00	PASS
	1871.1000	-55.0738	-13.00	PASS
	2338.8750	-54.4022	-13.00	PASS
	2806.6500	-53.5202	-13.00	PASS
	3274.4250	-52.5504	-13.00	PASS
	3742.2000	-53.0536	-13.00	PASS
	4209.9750	-53.3886	-13.00	PASS
	4677.7500	-53.6598	-13.00	PASS

Analog: 482.0125. MHz, 25.kHz Channel Spacing, Max. Power

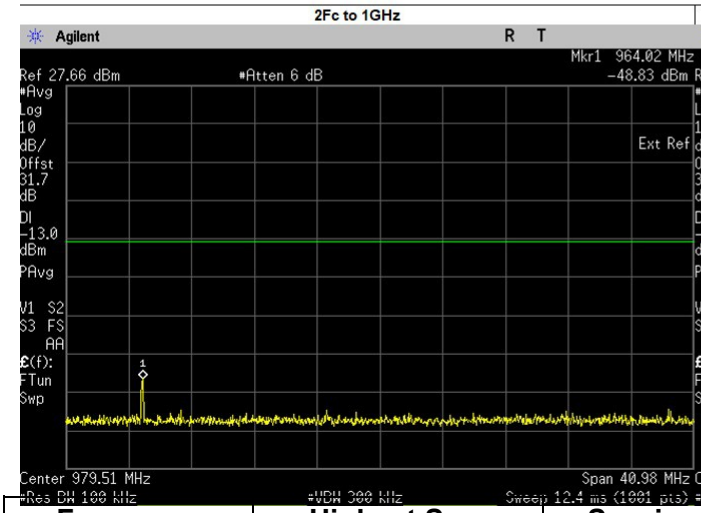
FL to (Fc - Test BW)



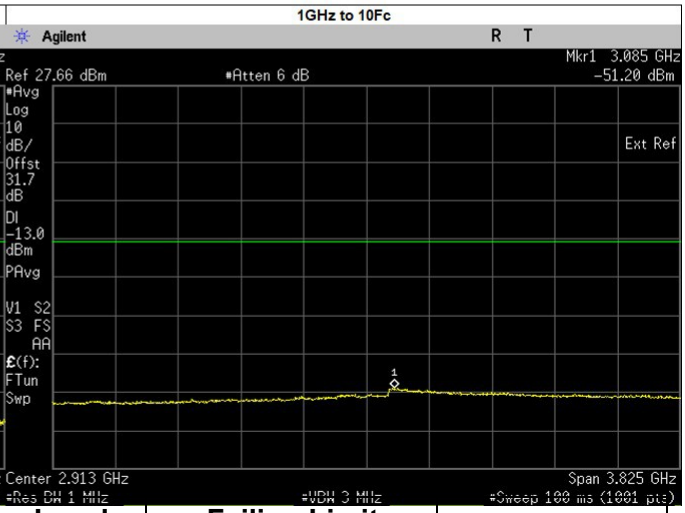
(Fc + Test BW) to <2Fc



2Fc to 1GHz



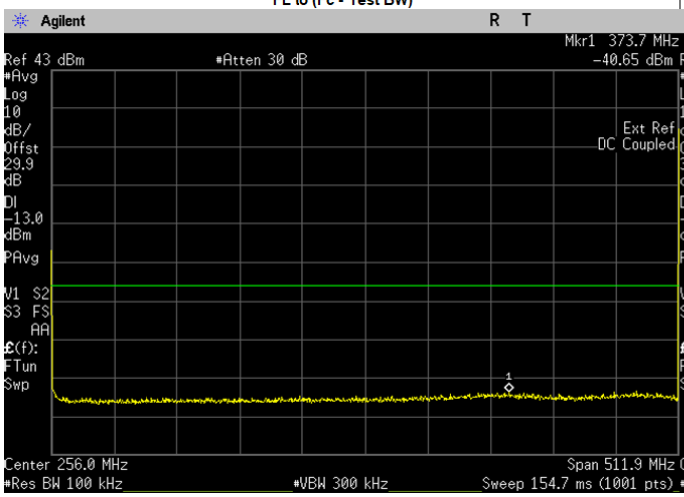
1GHz to 10Fc



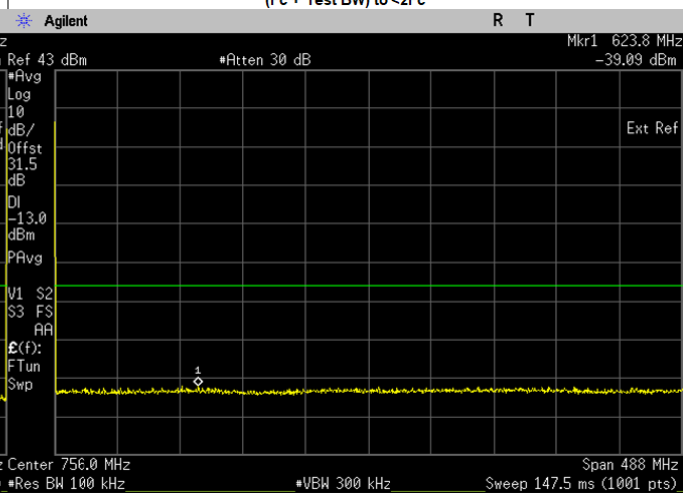
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	340.7000	-40.7390	-13.00	PASS
(Fc + Test BW) to <2Fc	924.6842	-38.7500	-13.00	PASS
2Fc to 1GHz	964.0200	-48.8300	-13.00	PASS
1GHz to 10Fc	3084.6930	-51.2000	-13.00	PASS
	1446.0370	-54.8878	-13.00	PASS
	1928.0500	-54.8852	-13.00	PASS
	2410.0620	-54.4120	-13.00	PASS
	2892.0750	-53.5813	-13.00	PASS
	3374.0880	-52.2591	-13.00	PASS
	3856.1000	-53.0675	-13.00	PASS
	4338.1130	-53.2652	-13.00	PASS
	4820.1250	-53.8102	-13.00	PASS

Analog: 511.9875. MHz, 25.kHz Channel Spacing, Max. Power

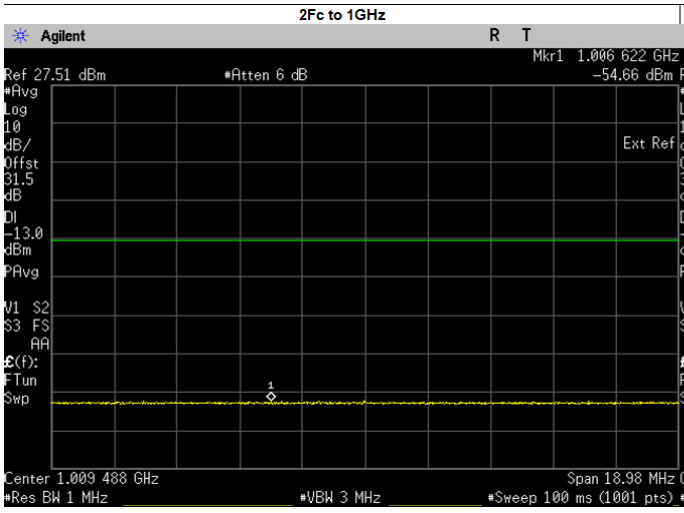
FL to (Fc - Test BW)



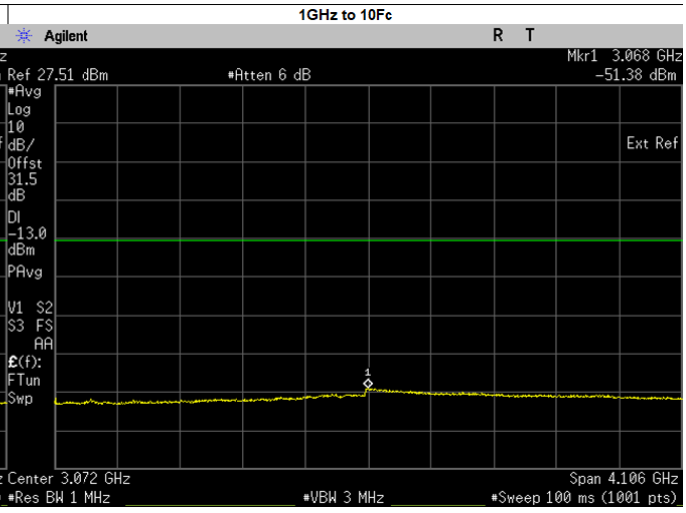
(Fc + Test BW) to <2Fc



2Fc to 1GHz



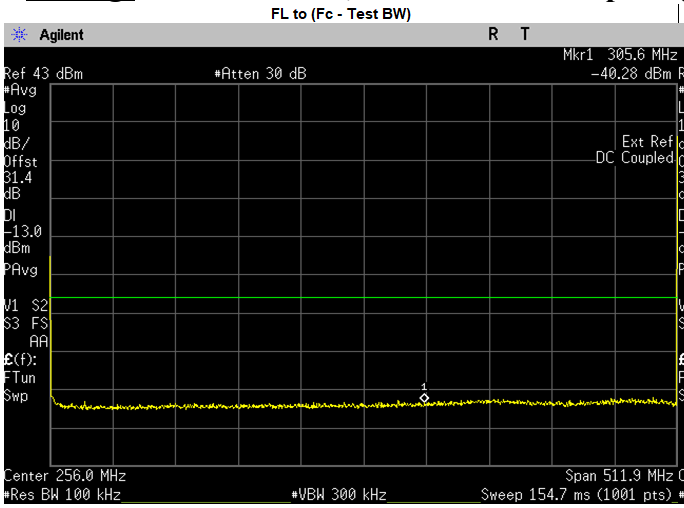
1GHz to 10Fc



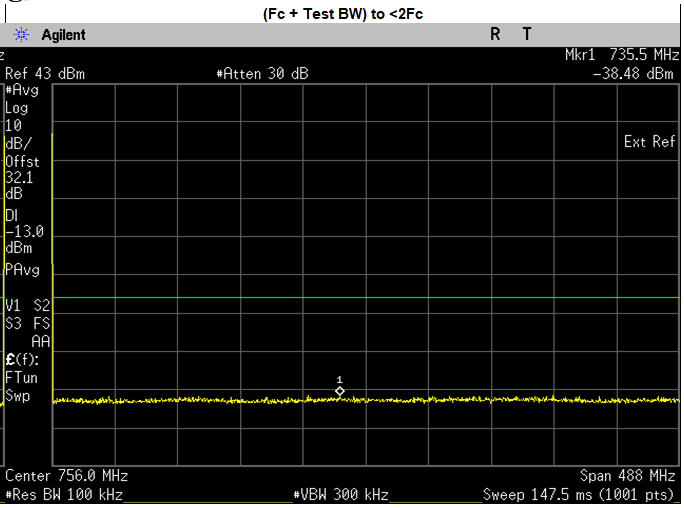
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	373.7000	-40.6540	-13.00	PASS
(Fc + Test BW) to <2Fc	623.7862	-39.0900	-13.00	PASS
2Fc to 1GHz	1006.6220	-54.6600	-13.00	PASS
1GHz to 10Fc	3067.8190	-51.3800	-13.00	PASS
	1023.9750	-54.2173	-13.00	PASS
	1535.9630	-54.5722	-13.00	PASS
	2047.9500	-54.6323	-13.00	PASS
	2559.9370	-54.0081	-13.00	PASS
	3071.9250	-51.6440	-13.00	PASS
	3583.9120	-52.6809	-13.00	PASS
	4095.9000	-53.2391	-13.00	PASS
	4607.8870	-53.1892	-13.00	PASS
	5119.8750	-54.2355	-13.00	PASS

Analog: 511.9875. MHz, 25.kHz Channel Spacing, Low. Power

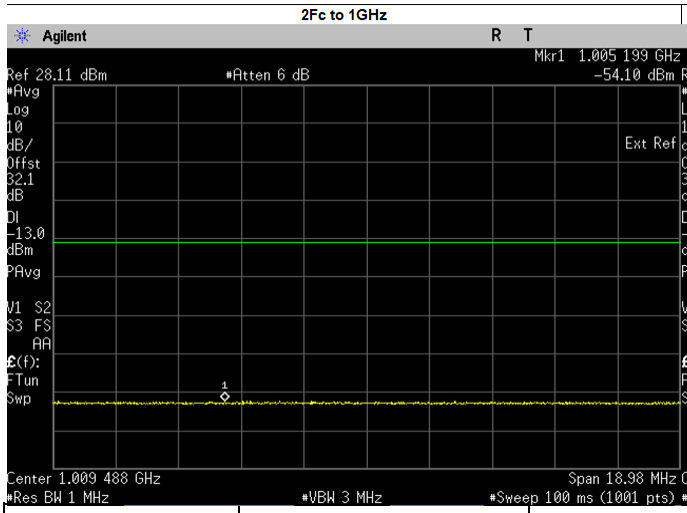
FL to (Fc - Test BW)



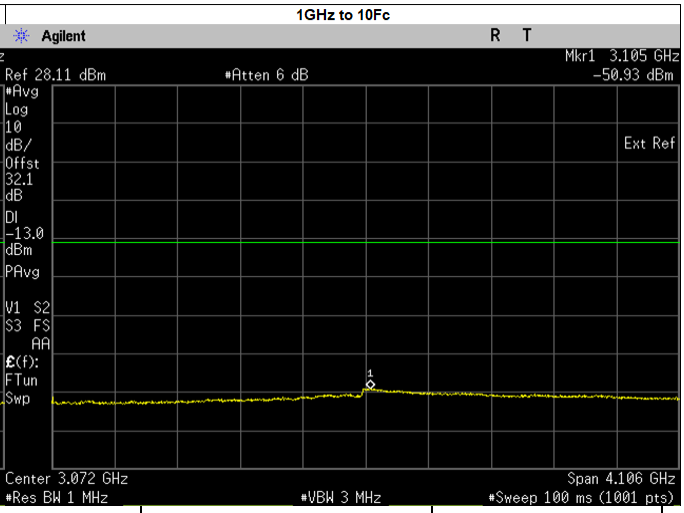
(Fc + Test BW) to <2Fc



2Fc to 1GHz



1GHz to 10Fc

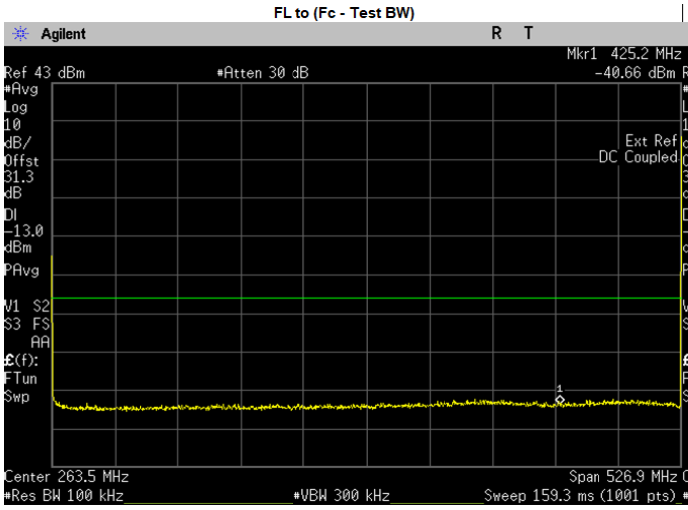


Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	305.6000	-40.2770	-13.00	PASS
(Fc + Test BW) to <2Fc	735.5280	-38.4800	-13.00	PASS
2Fc to 1GHz	1005.1990	-54.1000	-13.00	PASS
1GHz to 10Fc	3104.7720	-50.9300	-13.00	PASS
	1023.9750	-53.5270	-13.00	PASS
	1535.9630	-54.1117	-13.00	PASS
	2047.9500	-54.0308	-13.00	PASS
	2559.9370	-53.5928	-13.00	PASS
	3071.9250	-51.2520	-13.00	PASS
	3583.9120	-52.2480	-13.00	PASS
	4095.9000	-52.8399	-13.00	PASS
	4607.8870	-52.9278	-13.00	PASS
	5119.8750	-53.5593	-13.00	PASS

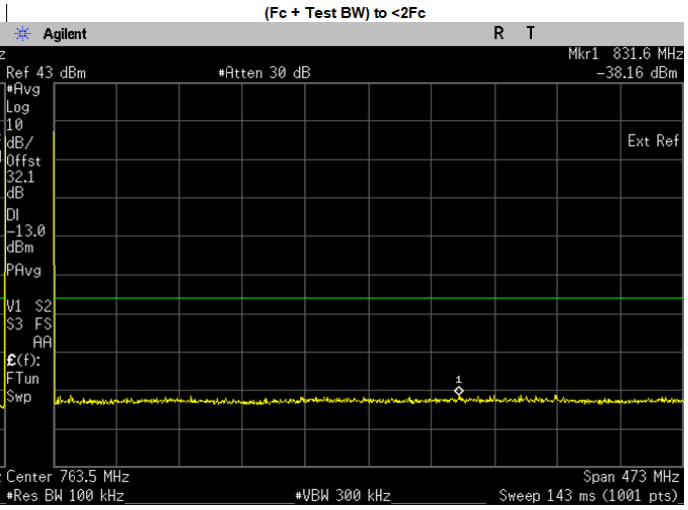
Analog: 526.9875. MHz, 25.kHz Channel Spacing, Max. Power

Not for FCC review

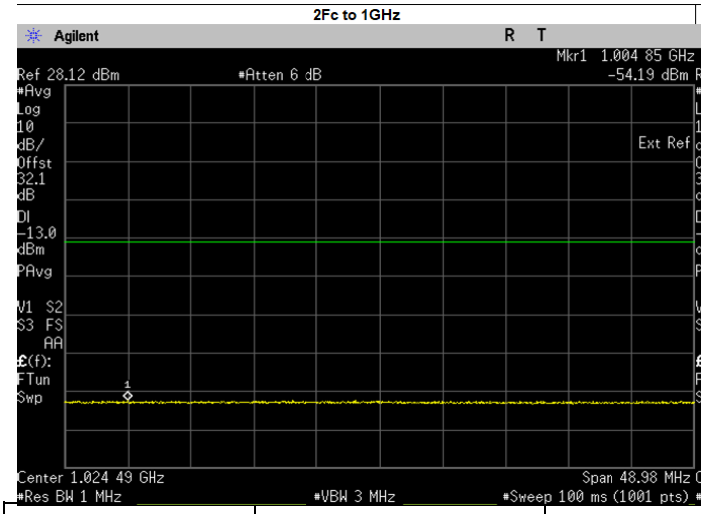
FL to (Fc - Test BW)



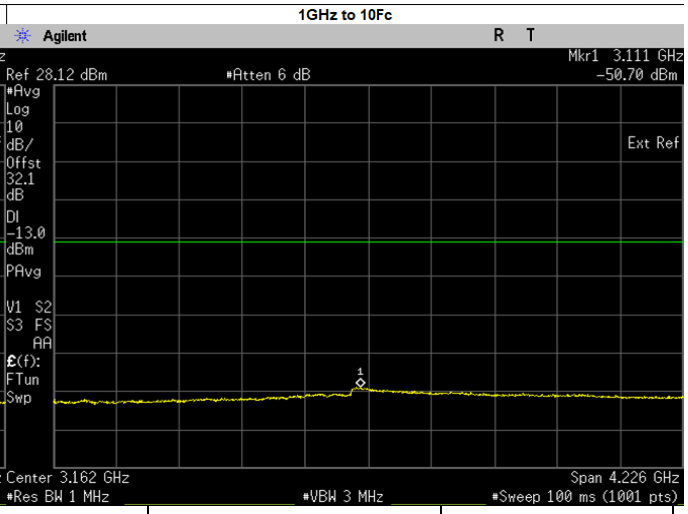
(Fc + Test BW) to <2Fc



2Fc to 1GHz



1GHz to 10Fc

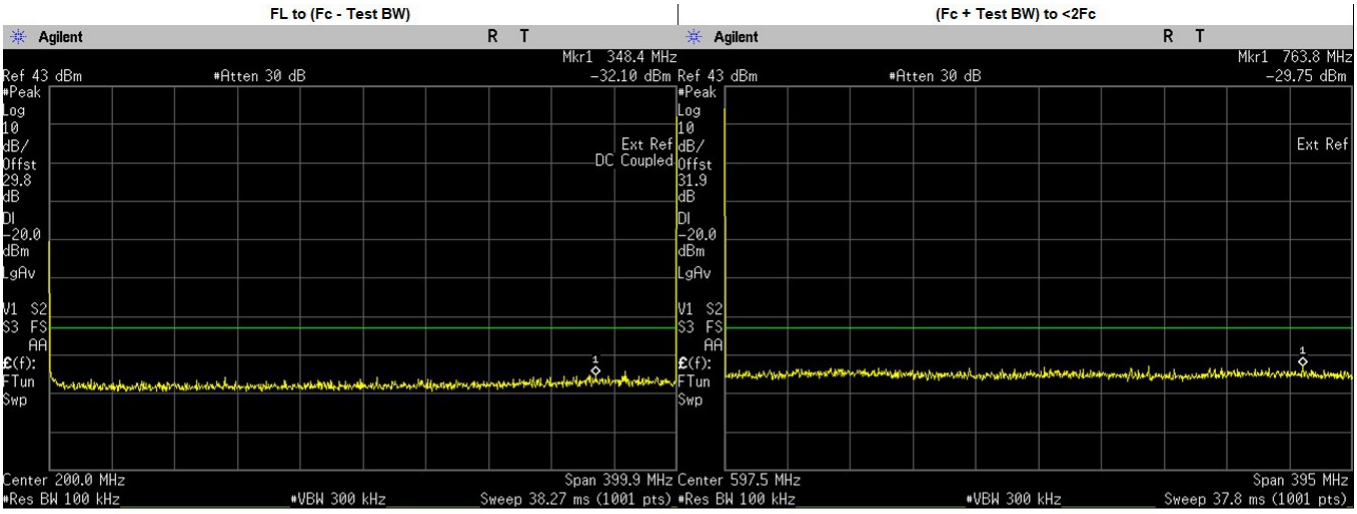


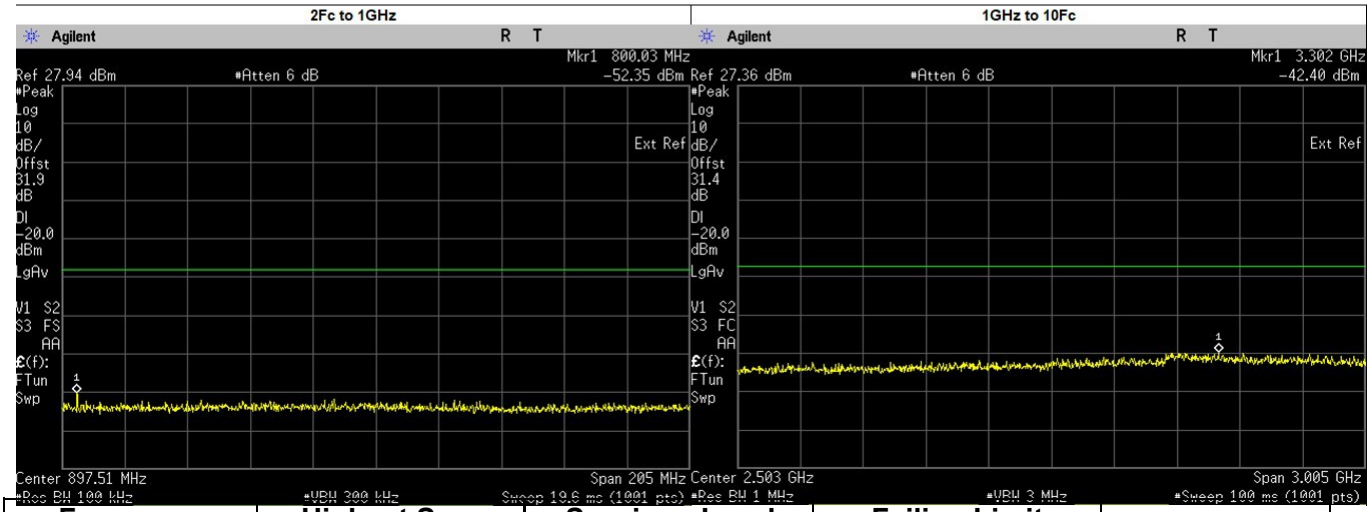
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	425.2000	-40.6590	-13.00	PASS
(Fc + Test BW) to <2Fc	831.6278	-38.1600	-13.00	PASS
2Fc to 1GHz	1004.8480	-54.2000	-13.00	PASS
1GHz to 10Fc	3111.2140	-50.7000	-13.00	PASS
	1053.9750	-53.9644	-13.00	PASS
	1580.9630	-54.2449	-13.00	PASS
	2107.9500	-53.9252	-13.00	PASS
	2634.9370	-53.4089	-13.00	PASS
	3161.9250	-51.1280	-13.00	PASS
	3688.9120	-52.2375	-13.00	PASS
	4215.9000	-52.5927	-13.00	PASS
	4742.8870	-53.1653	-13.00	PASS
	5269.8750	-53.1734	-13.00	PASS

6.10.3. Test Result (Digital)

Digital.; 400.0125. MHz, 12.5 kHz Channel Spacing, Max Power

Not for FCC review

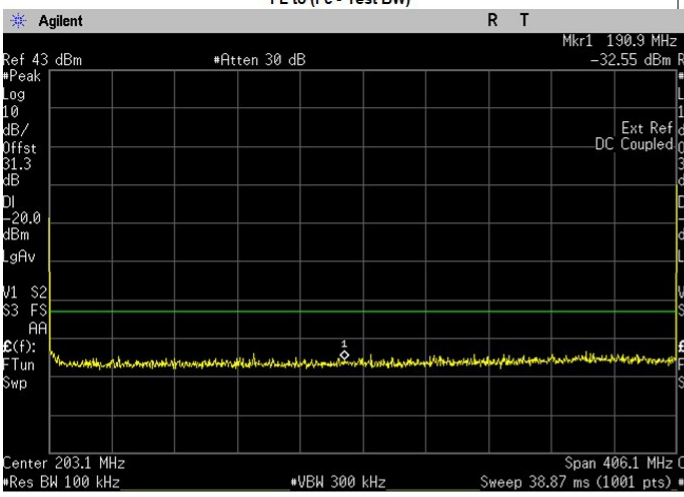




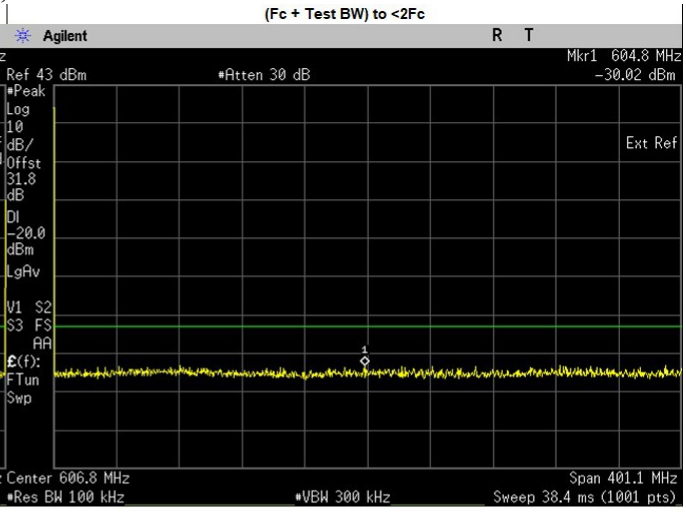
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	348.4000	-32.1030	-20.00	PASS
(Fc + Test BW) to <2Fc	763.8234	-29.7500	-20.00	PASS
2Fc to 1GHz	800.0250	-52.3500	-20.00	PASS
1GHz to 10Fc	3302.0000	-42.4000	-20.00	PASS
	1200.0370	-45.4157	-20.00	PASS
	1600.0500	-45.5692	-20.00	PASS
	2000.0620	-45.2411	-20.00	PASS
	2400.0750	-44.7627	-20.00	PASS
	2800.0880	-42.5862	-20.00	PASS
	3200.1000	-42.6276	-20.00	PASS
	3600.1130	-43.1182	-20.00	PASS
	4000.1250	-44.0626	-20.00	PASS

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

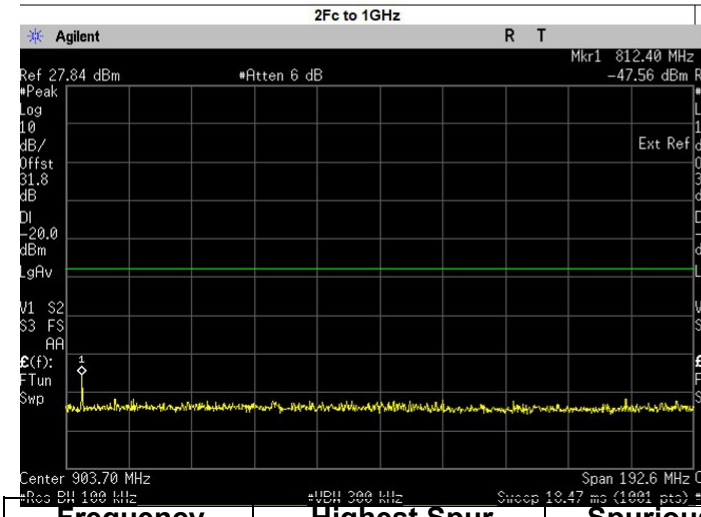
FL to (Fc - Test BW)



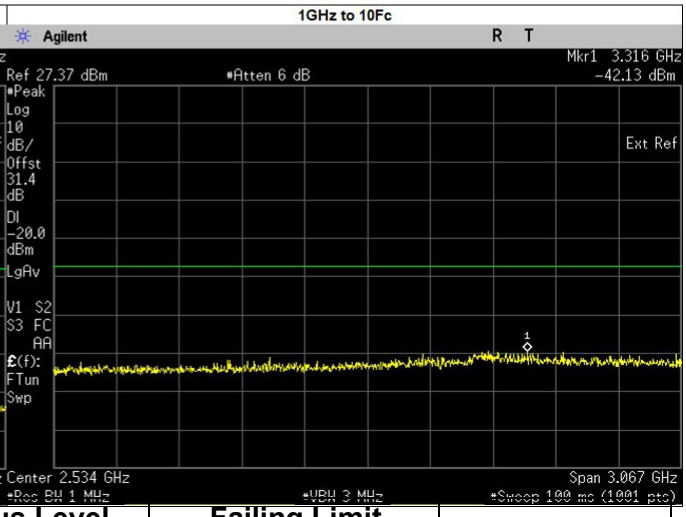
(Fc + Test BW) to <2Fc



2Fc to 1GHz



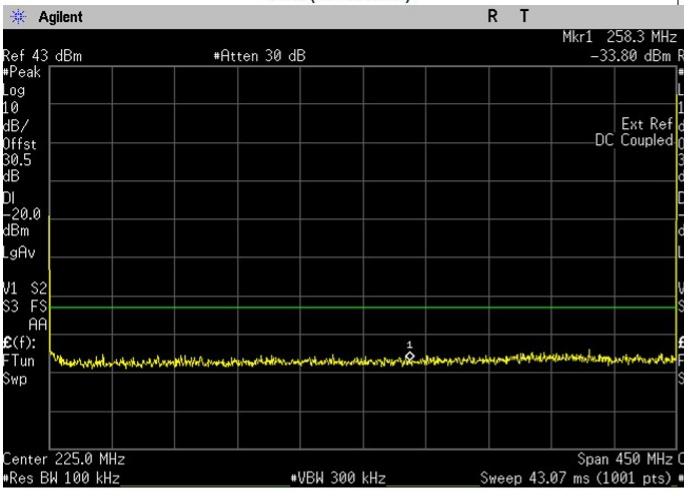
1GHz to 10Fc



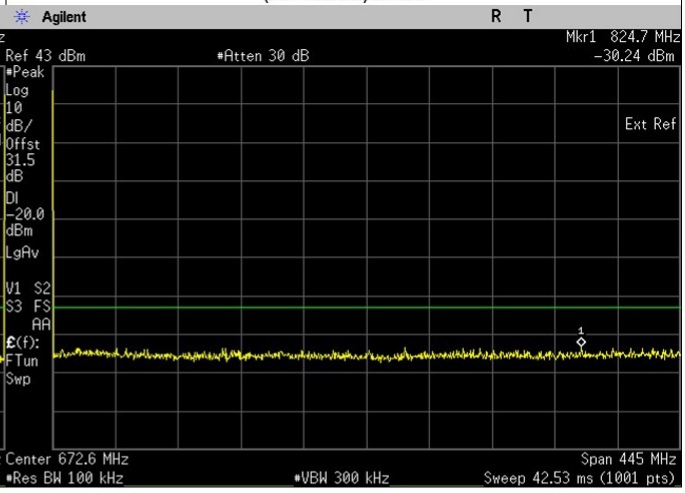
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	190.9000	-32.5530	-20.00	PASS
(Fc + Test BW) to <2Fc	604.8221	-30.0200	-20.00	PASS
2Fc to 1GHz	812.4000	-47.5600	-20.00	PASS
1GHz to 10Fc	3316.0000	-42.1300	-20.00	PASS
	1218.6000	-44.9027	-20.00	PASS
	1624.8000	-45.1725	-20.00	PASS
	2031.0000	-45.0327	-20.00	PASS
	2843.4000	-42.7553	-20.00	PASS
	3249.6000	-42.8210	-20.00	PASS
	3655.8000	-43.4859	-20.00	PASS
	4062.0000	-42.6754	-20.00	PASS
	2437.2000	-42.1027	-20.00	PASS

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

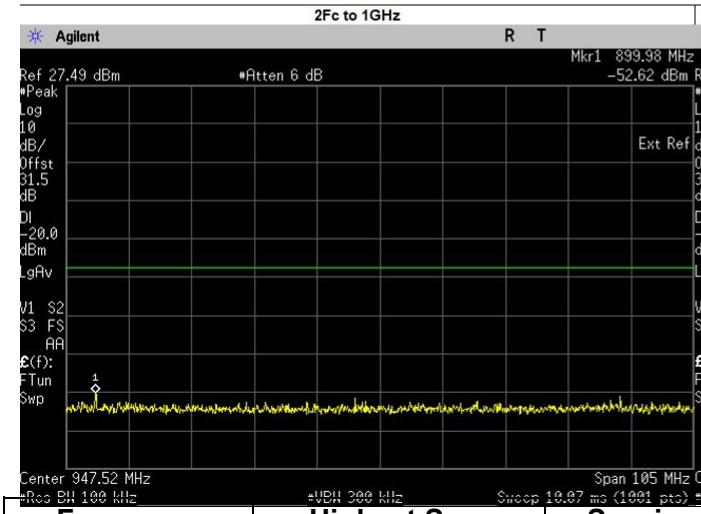
FL to (Fc - Test BW)



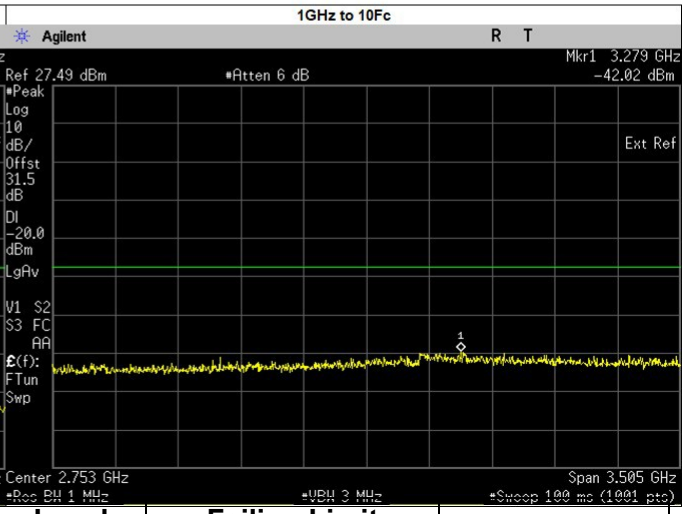
(Fc + Test BW) to <2Fc



2Fc to 1GHz



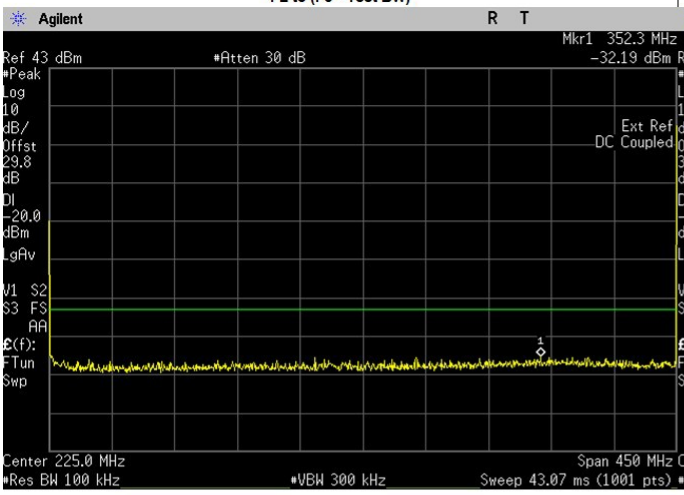
1GHz to 10Fc



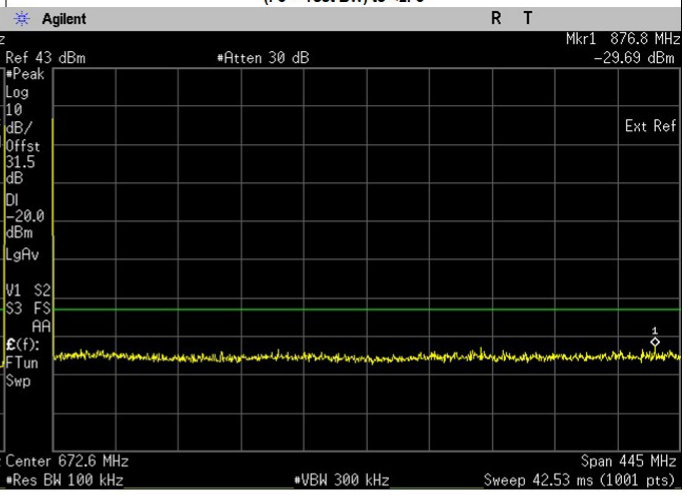
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	258.3000	-33.8000	-20.00	PASS
(Fc + Test BW) to <2Fc	824.7450	-30.2300	-20.00	PASS
2Fc to 1GHz	899.9827	-52.6200	-20.00	PASS
	900.0500	-52.7814	-20.00	PASS
1GHz to 10Fc	3279.0000	-42.0200	-20.00	PASS
	1350.0750	-45.7534	-20.00	PASS
	1800.1000	-46.1602	-20.00	PASS
	2250.1250	-45.1647	-20.00	PASS
	2700.1500	-42.7616	-20.00	PASS
	3150.1750	-42.3898	-20.00	PASS
	3600.2000	-43.9048	-20.00	PASS
	4050.2250	-44.1905	-20.00	PASS
	4500.2500	-44.3399	-20.00	PASS

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

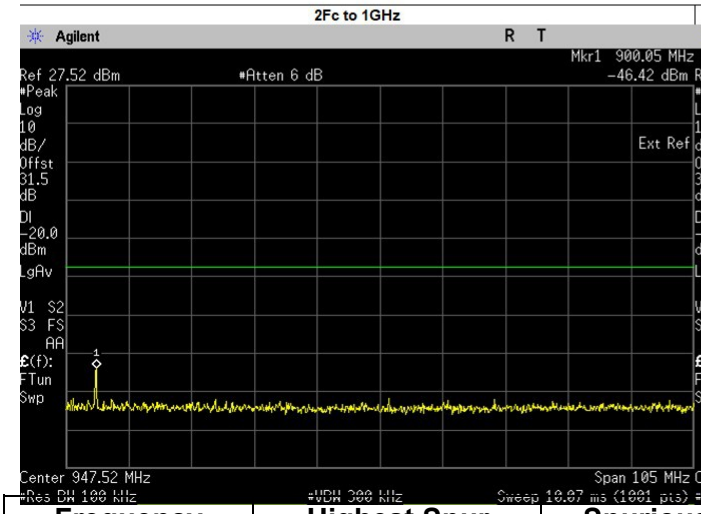
FL to (Fc - Test BW)



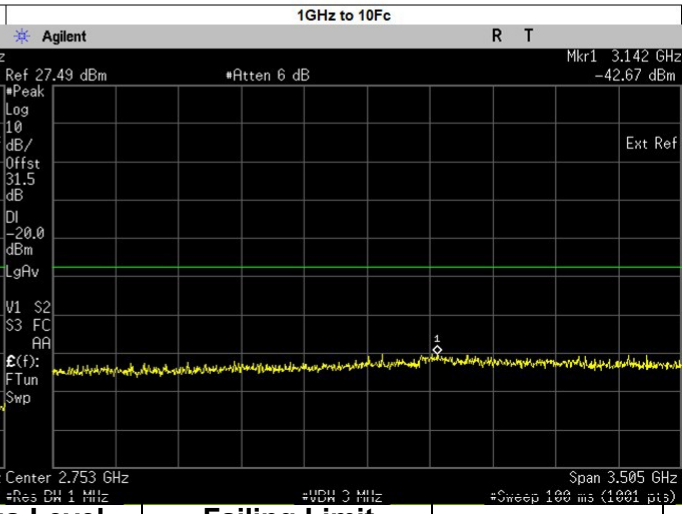
(Fc + Test BW) to <2Fc



2Fc to 1GHz

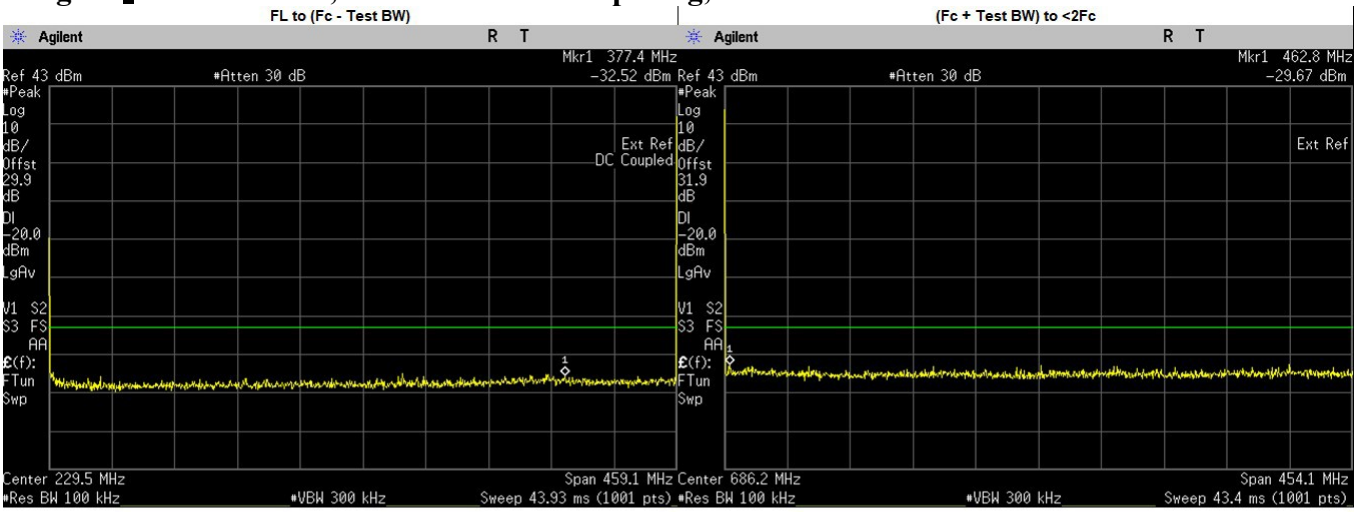


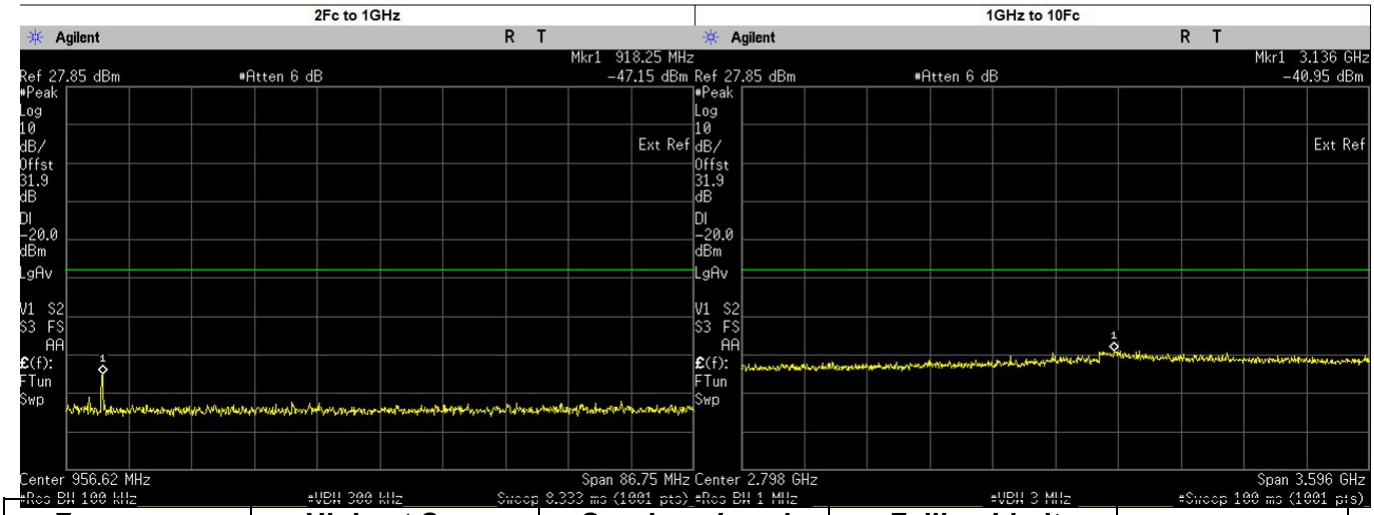
1GHz to 10Fc



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	352.3000	-32.1900	-20.00	PASS
(Fc + Test BW) to <2Fc	876.8063	-29.6900	-20.00	PASS
2Fc to 1GHz	900.0500	-46.4200	-20.00	PASS
1GHz to 10Fc	3142.0000	-42.6700	-20.00	PASS
	1350.0750	-45.9152	-20.00	PASS
	1800.1000	-45.5177	-20.00	PASS
	2250.1250	-44.8854	-20.00	PASS
	2700.1500	-45.0764	-20.00	PASS
	3150.1750	-42.1927	-20.00	PASS
	3600.2000	-42.9622	-20.00	PASS
	4050.2250	-43.8208	-20.00	PASS
	4500.2500	-44.4129	-20.00	PASS

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

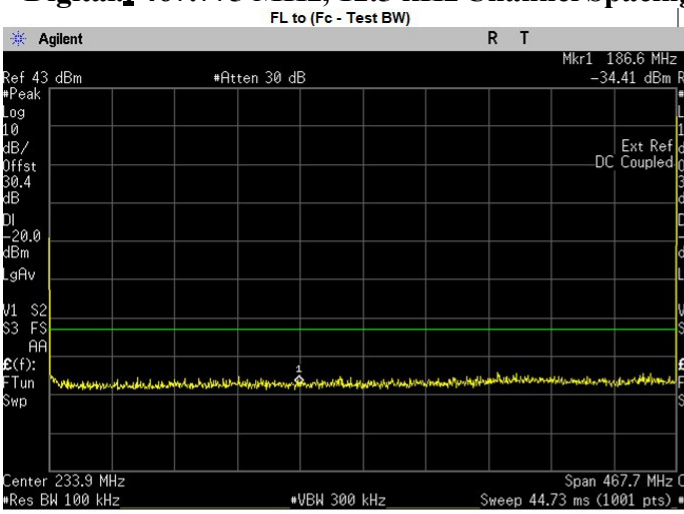




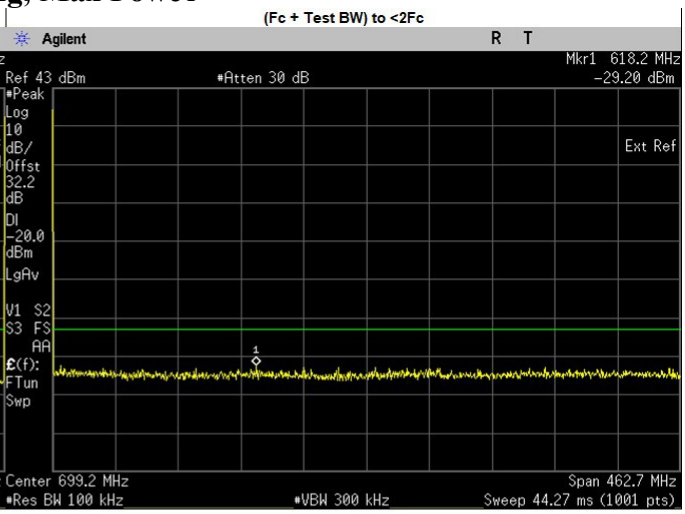
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	377.4000	-32.5230	-20.00	PASS
(Fc + Test BW) to <2Fc	462.8143	-29.6700	-20.00	PASS
2Fc to 1GHz	918.2500	-47.1500	-20.00	PASS
1GHz to 10Fc	3136.1730	-40.9500	-20.00	PASS
	1377.3750	-44.5986	-20.00	PASS
	1836.5000	-44.9015	-20.00	PASS
	2295.6250	-44.9313	-20.00	PASS
	2754.7500	-43.7470	-20.00	PASS
	3213.8750	-41.9967	-20.00	PASS
	3673.0000	-43.6321	-20.00	PASS
	4132.1250	-42.9407	-20.00	PASS
	4591.2500	-43.6414	-20.00	PASS

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

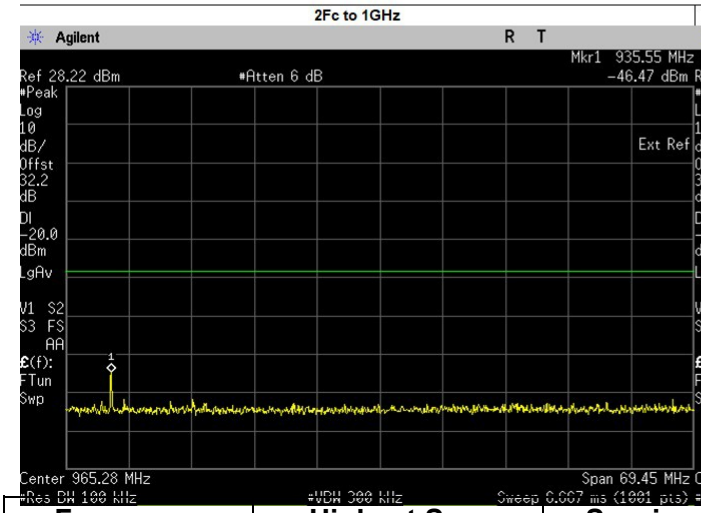
FL to (Fc - Test BW)



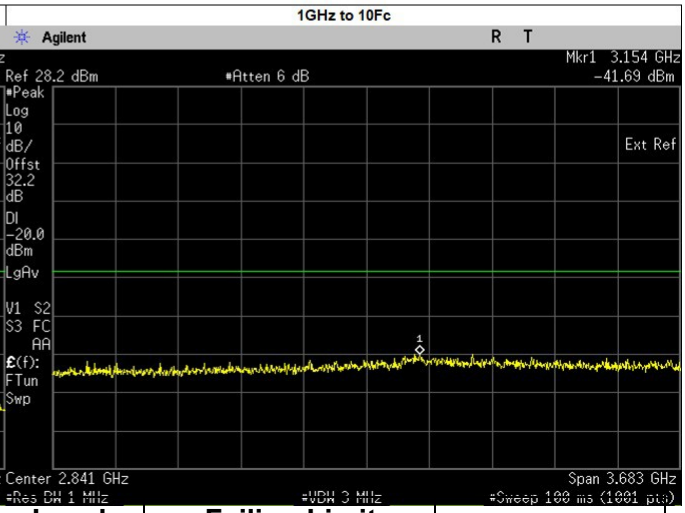
(Fc + Test BW) to <2Fc



2Fc to 1GHz

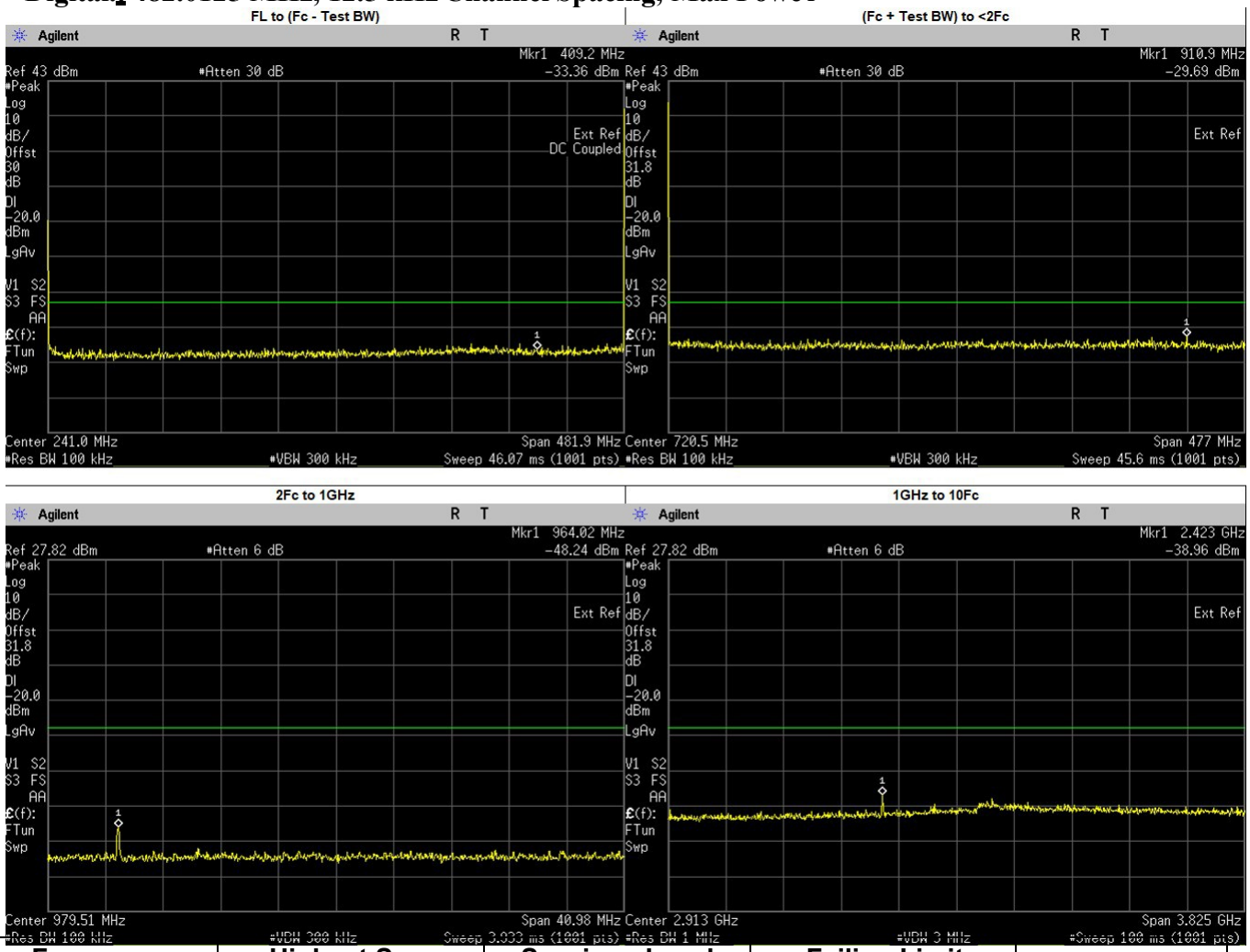


1GHz to 10Fc



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	186.6000	-34.4090	-20.00	PASS
(Fc + Test BW) to <2Fc	618.2152	-29.2000	-20.00	PASS
2Fc to 1GHz	935.5500	-46.4795	-20.00	PASS
1GHz to 10Fc	3154.0000	-41.6900	-20.00	PASS
	1403.3250	-44.5604	-20.00	PASS
	1871.1000	-45.1940	-20.00	PASS
	2338.8750	-44.2700	-20.00	PASS
	2806.6500	-42.7743	-20.00	PASS
	3274.4250	-42.2818	-20.00	PASS
	3742.2000	-42.0293	-20.00	PASS
	4209.9750	-42.9804	-20.00	PASS
	4677.7500	-43.5459	-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)	409.2000	-33.3600	-20.00	PASS
(Fc + Test BW) to <2Fc	910.8525	-29.6900	-20.00	PASS
2Fc to 1GHz	964.0250	-48.2458	-20.00	PASS
1GHz to 10Fc	2423.0000	-38.9600	-20.00	PASS
	1446.0370	-45.4219	-20.00	PASS
	1928.0500	-45.0759	-20.00	PASS
	2410.0620	-44.7993	-20.00	PASS
	2892.0750	-43.5416	-20.00	PASS
	3374.0880	-42.3917	-20.00	PASS
	3856.1000	-42.7337	-20.00	PASS
	4338.1130	-43.7464	-20.00	PASS
	4820.1250	-44.4161	-20.00	PASS