

6.3 MAXIMUM CONDUCTED OUTPUT POWER

LIMIT

According to §15.407(a),

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

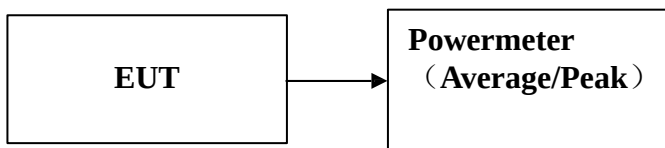
For the 5.25-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W

The peak power shall not exceed the limit as follow:

Test Configuration



The EUT was connected to a spectrum analyzer through a 50Ω RF cable.

TESTPROCEDURE

The testing follows Method PM of FCC KDB789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF peak power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.

TESTRESULTS

No non-compliance noted

TESTRESULTS

No non-compliance noted

Test Data**Antenna 1****Testmode:IEEE802.11amode5150~5250MHz**

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5180	19.62	19.62	/	24.00
Mid	5220	19.65	19.70	/	24.00
High	5240	19.83	19.86	/	24.00

5250~5350MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5260	19.48	19.04	/	24.00
Mid	5280	19.55	19.14	/	24.00
High	5320	19.82	19.49	/	24.00

5470~5725MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5500	19.67	19.34	/	24.00
Mid	5580	19.05	19.79	/	24.00
High	5700	19.85	19.47	/	24.00

Testmode:IEEE802.11nHT20MHzmode5150~5250MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5180	15.38	15.66	18.53	24.00
Mid	5220	15.44	15.73	18.60	24.00
High	5240	15.08	15.81	18.47	24.00

5250~5350MHz

Channel	Frequency(MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5260	15.45	15.99	18.74	24.00
Mid	5280	15.65	16.08	18.88	24.00
High	5320	15.95	15.51	18.75	24.00

5470~5725MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5500	15.78	15.53	18.67	24.00
Mid	5580	15.32	15.75	18.55	24.00
High	5700	15.80	15.52	18.67	24.00

Testmode:IEEE802.11nHT40MHzmode5150~5250MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5190	15.44	15.39	18.43	24.00
Mid	5230	15.95	15.94	18.96	24.00

5250~5350MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5270	15.93	15.84	18.90	24.00
Mid	5310	15.71	15.62	18.68	24.00

5470~5725MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5510	15.69	15.49	18.60	24.00
Mid	5550	15.07	15.91	18.52	24.00
High	5670	15.91	15.88	18.91	24.00

Testmode:IEEE802.11acHT20MHzmode5150~5250MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
Low	5180	15.62	15.89	18.77	24.00
Mid	5220	15.65	15.94	18.81	24.00
High	5240	15.83	15.19	18.53	24.00

5250~5350MHz

Channel	Frequency (MHz)	Peak Output Power (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
Low	5260	16.00	15.44	18.74	24.00
Mid	5280	15.17	15.57	18.38	24.00
High	5320	15.49	15.88	18.70	24.00

5470~5725MHz

Channel	Frequency (MHz)	Peak Output Power (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
Low	5500	15.39	15.76	18.59	24.00
Mid	5580	15.74	15.10	18.44	24.00
High	5700	15.59	15.83	18.72	24.00

Testmode: IEEE802.11ac HT40MHz mode 5150~5250MHz

Channel	Frequency (MHz)	Peak Output Power (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
Low	5190	15.59	15.45	18.53	24.00
Mid	5230	15.02	15.84	18.46	24.00

5250~5350MHz

Channel	Frequency (MHz)	Peak Output Power (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
Low	5270	15.93	15.92	18.94	24.00
Mid	5310	15.74	15.81	18.79	24.00

5470~5725MHz

Channel	Frequency (MHz)	Peak Output Power (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
Low	5510	15.74	15.69	18.73	24.00
Mid	5550	15.03	15.97	18.54	24.00
High	5670	15.84	15.88	18.87	24.00

Testmode:IEEE802.11acHT80MHzmode5150~5250MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit (dBm)
		Ant1	Ant2		
	5210	14.13	14.91	17.55	24.00

5250~5350MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
	5290	14.62	14.65	17.65	24.00

5470~5725MHz

Channel	Frequency (MHz)	PeakOutputPower (dBm)		Mimo	Limit(dBm)
		Ant1	Ant2		
	5530	14.06	14.73	17.42	24.00

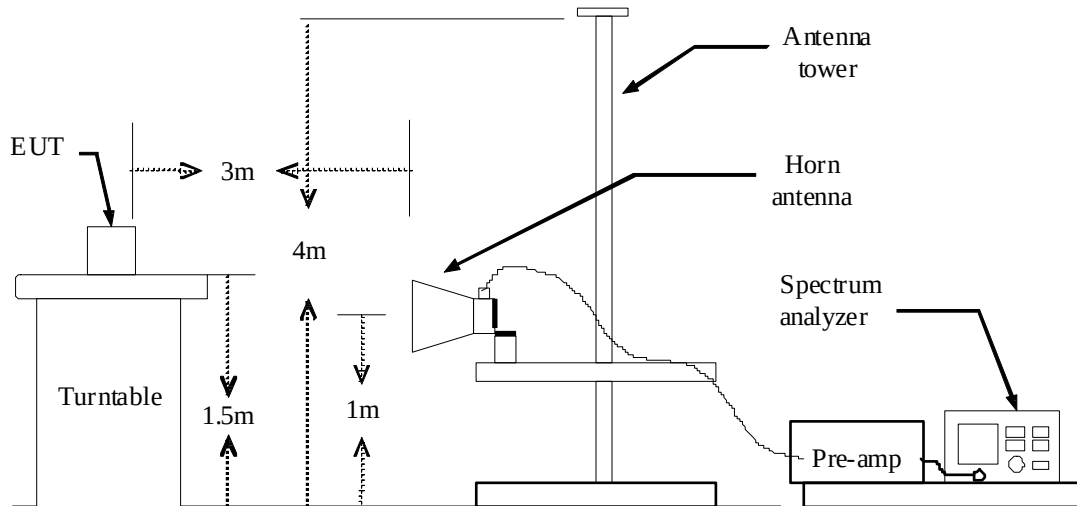
6.4 BAND EDGES MEASUREMENT

LIMIT

According to §15.407(b),

- (1) The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.
- (2) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency block edges as the design of the equipment permits.

Test Configuration



TEST PROCEDURE

1. The EUT is placed on a turntable, which is 1.5m above the ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz / Sweep=AUTO

VBW=10Hz, when duty cycle is no less than 98 percent.

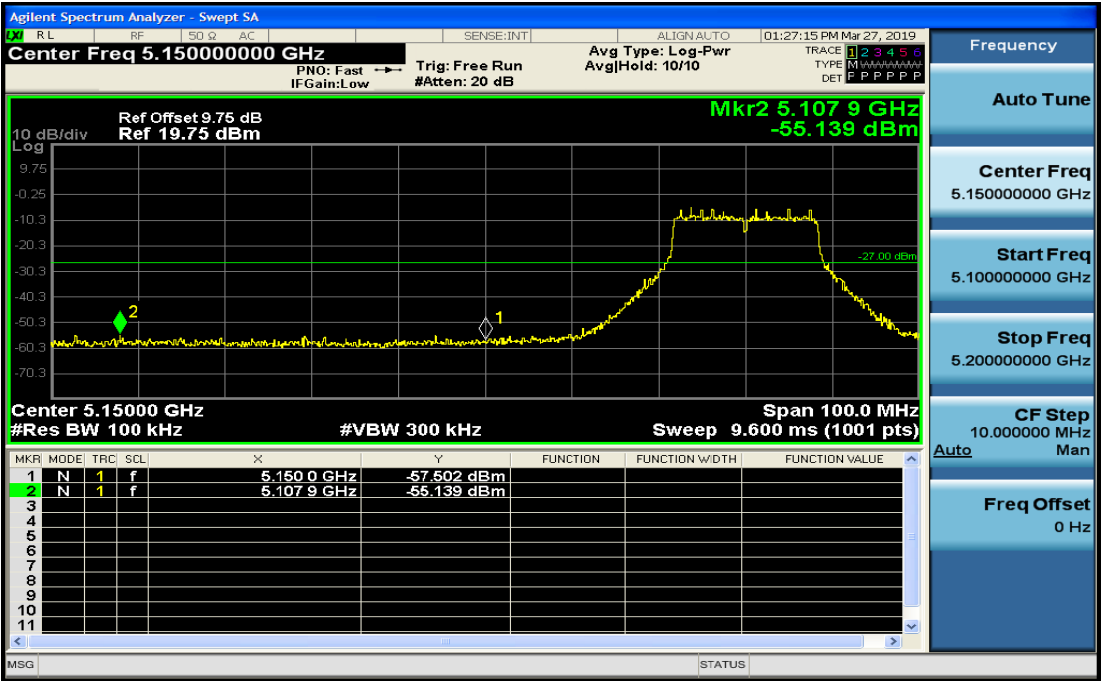
VBW $\geq 1/T$, when duty cycle is less than 98 percent, where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
IEEE 802.11 a	100	-	-	10Hz
IEEE 802.11n HT20	100	-	-	10Hz
IEEE 802.11n HT20	100	-	-	10Hz

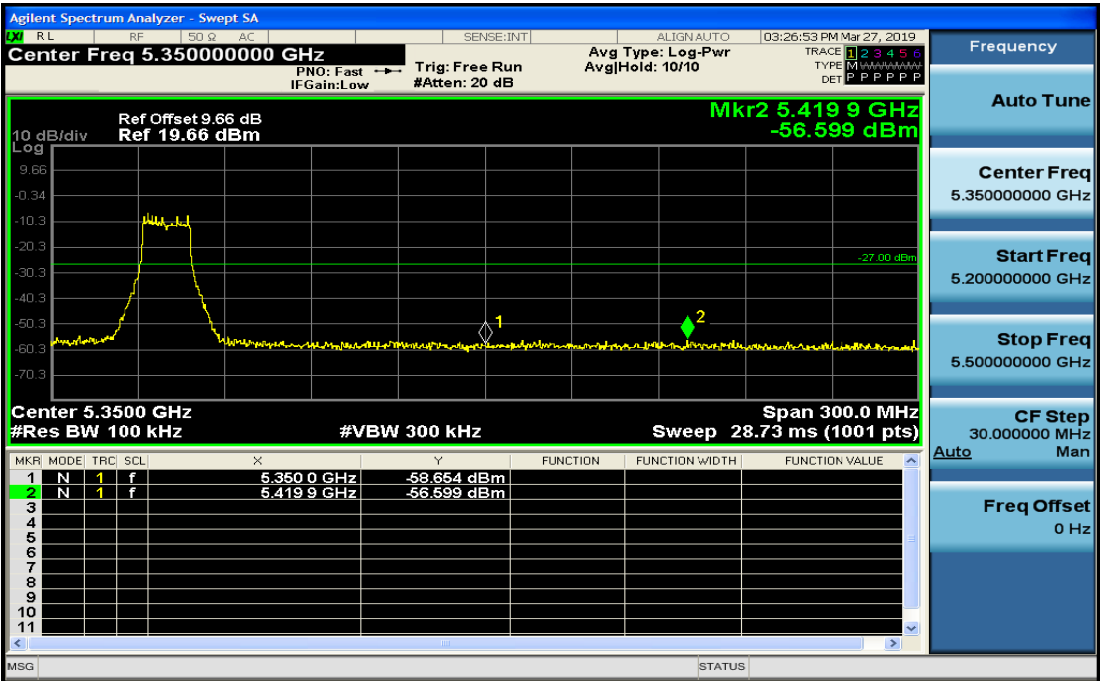
TEST RESULTS

Refer to attach spectrum analyzer data chart.

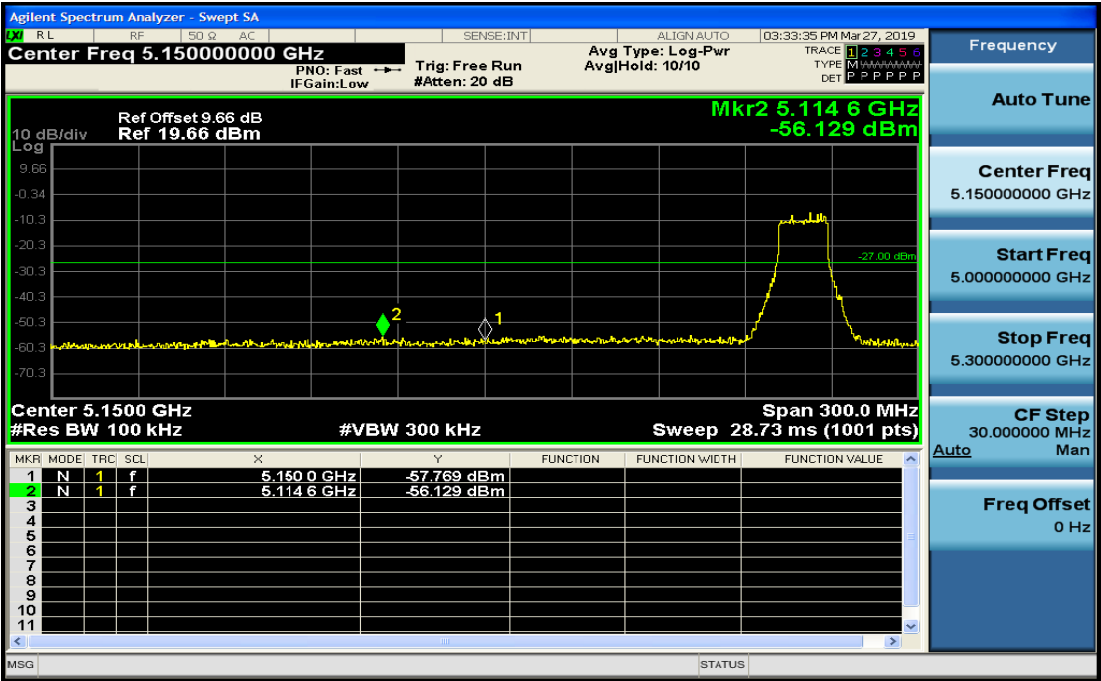
Antenna1
Band Edges(IEEE802.11amode)
5180MHz



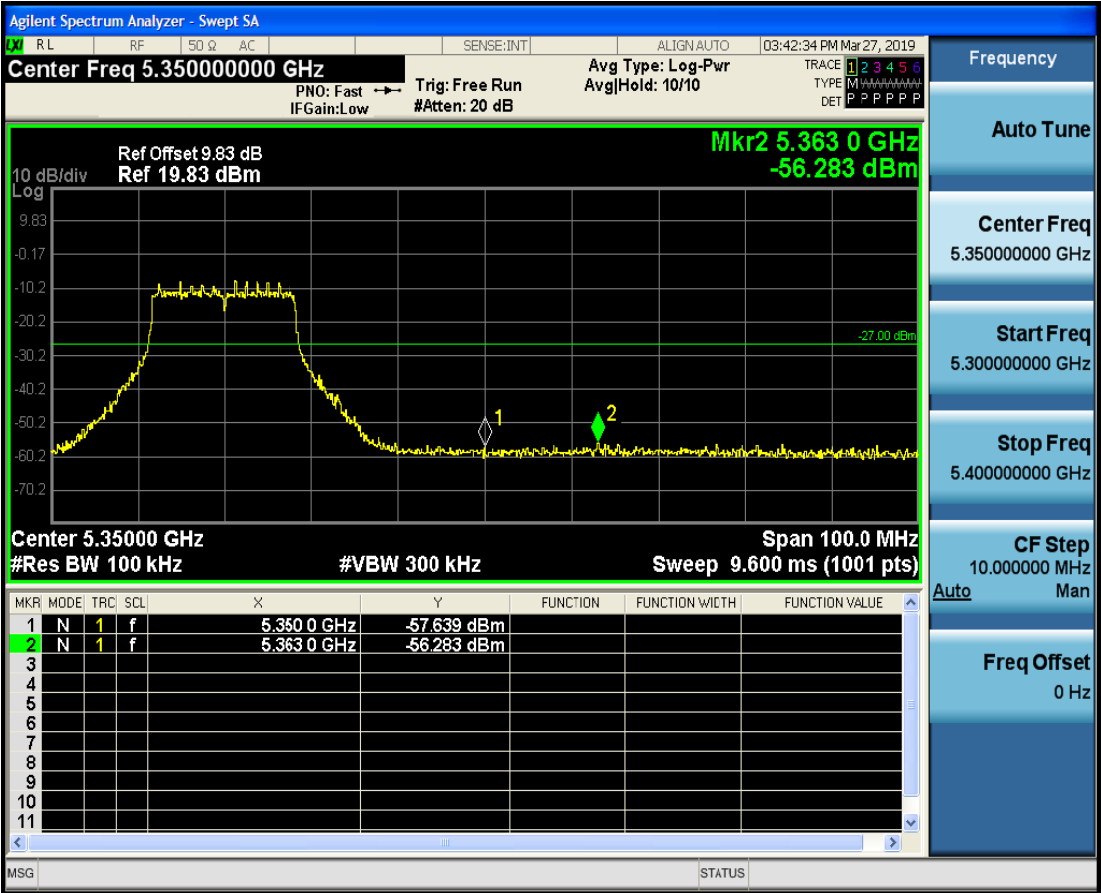
5240MHz



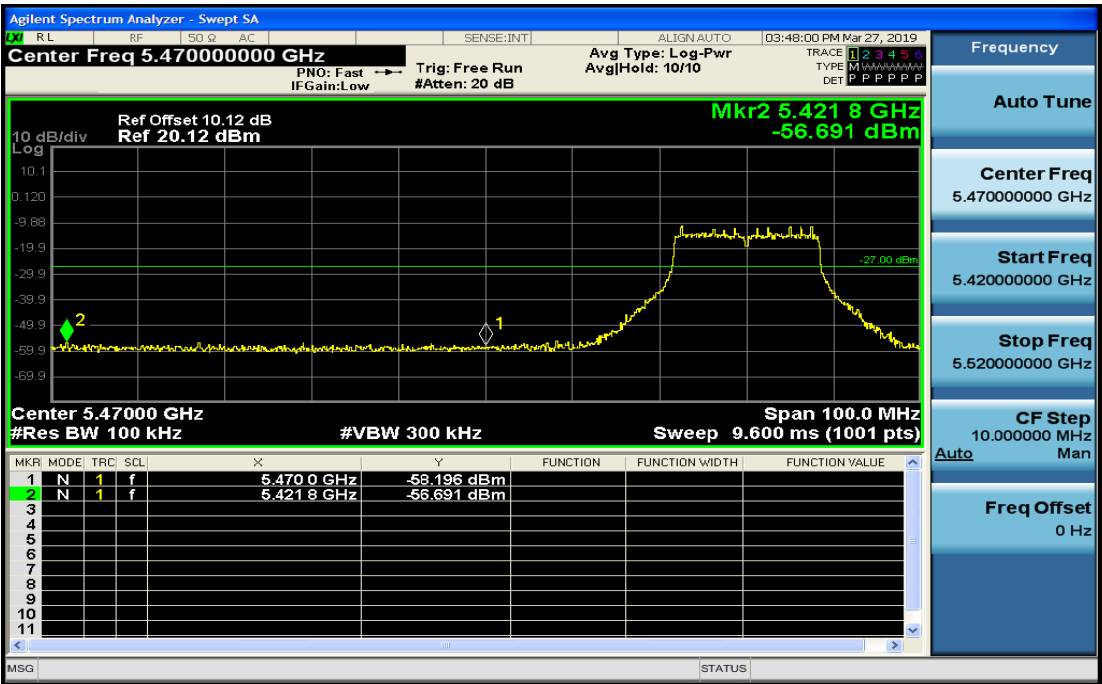
5260MHz



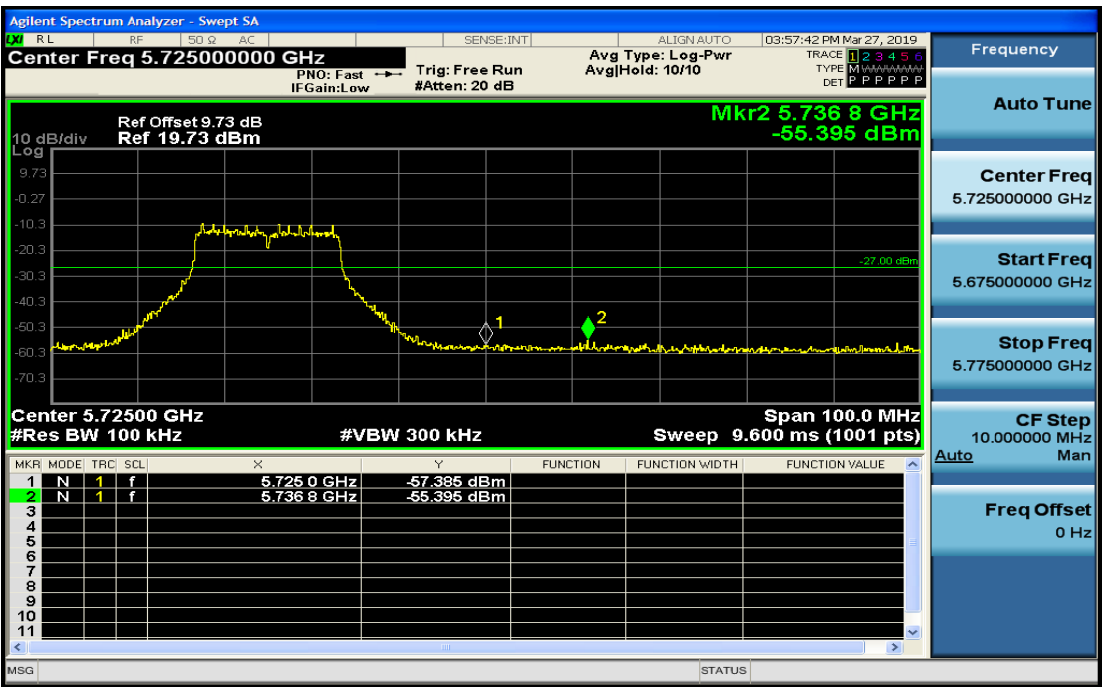
5320MHz



5500MHz

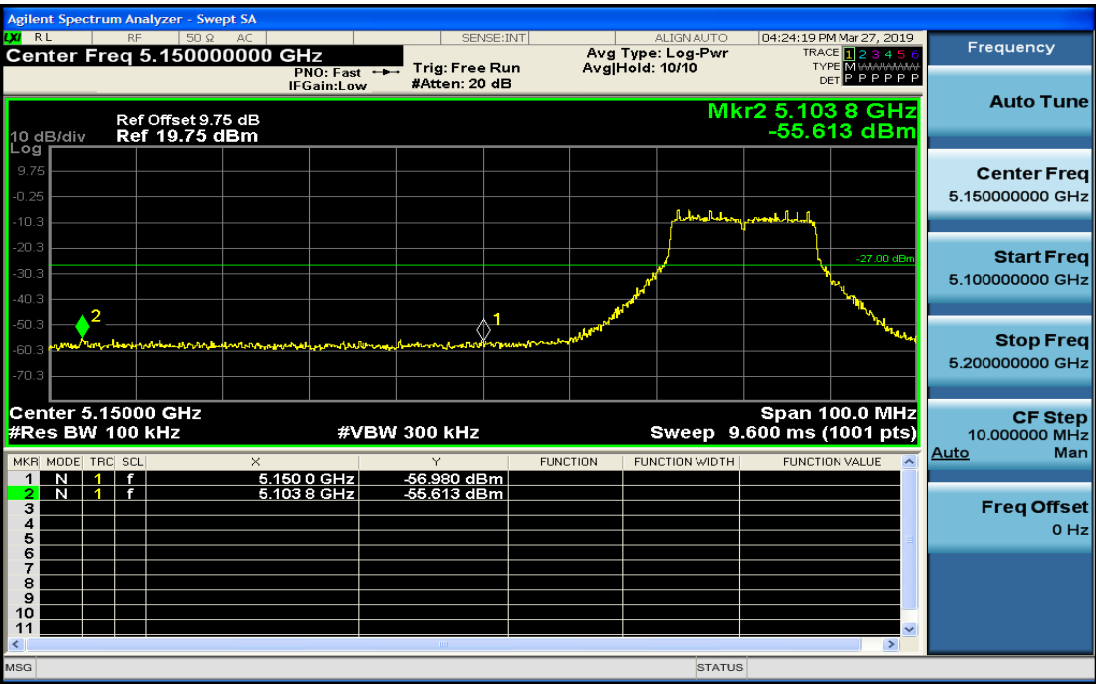


5700MHz

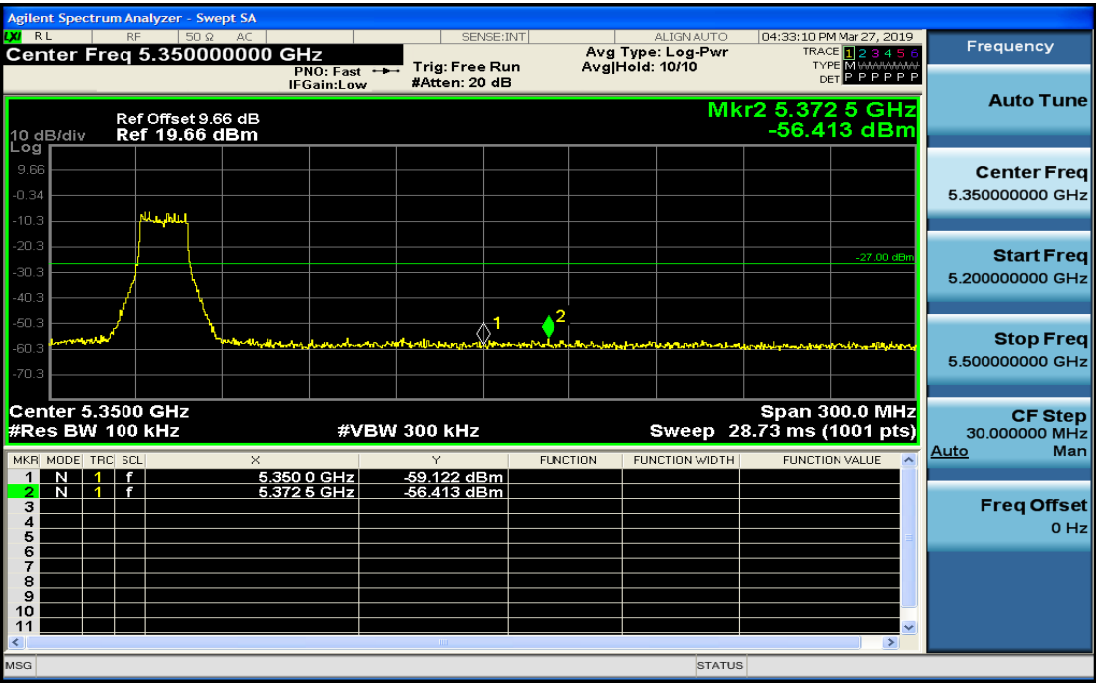


BandEdges(IEEE802.11nHT20mode)

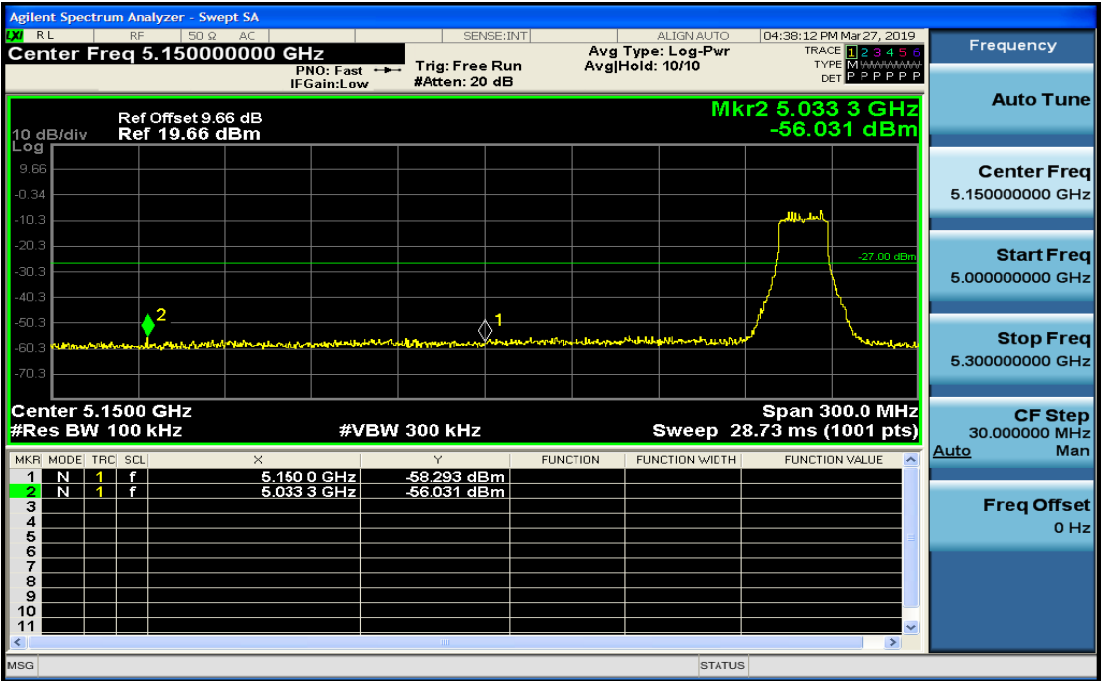
5180MHz



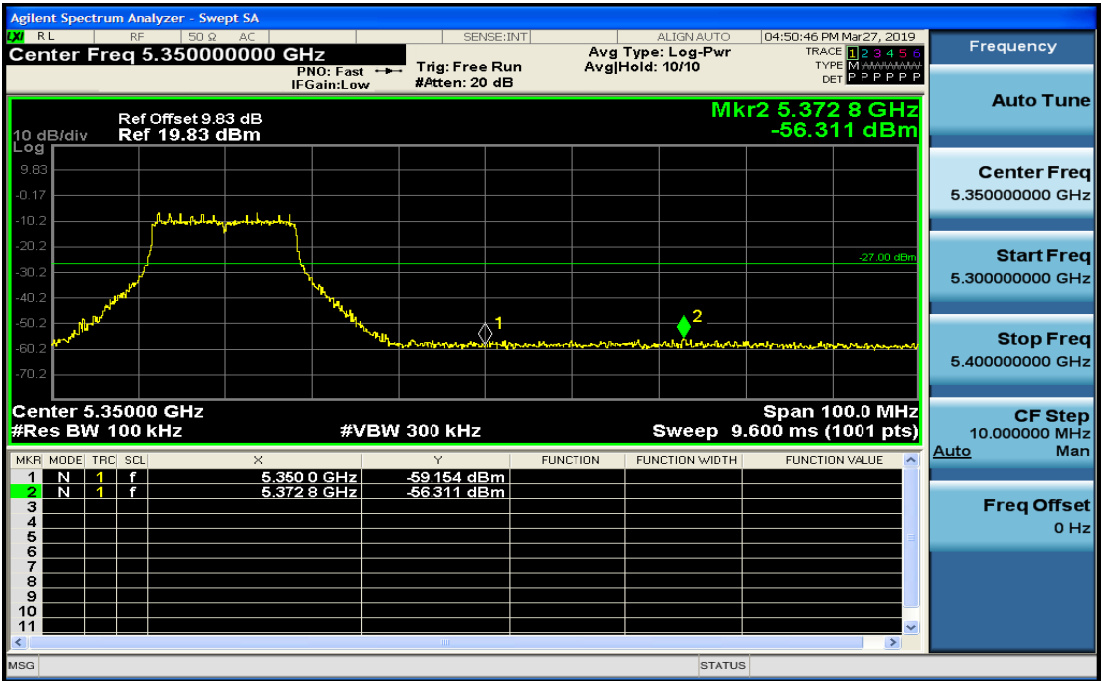
5240MHz



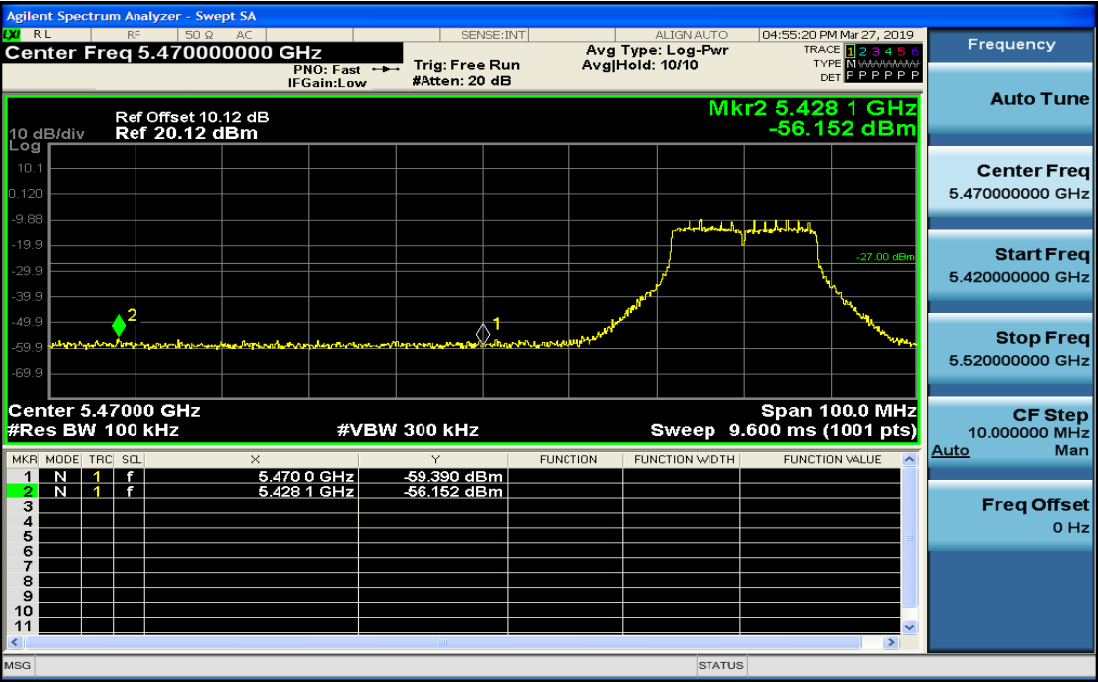
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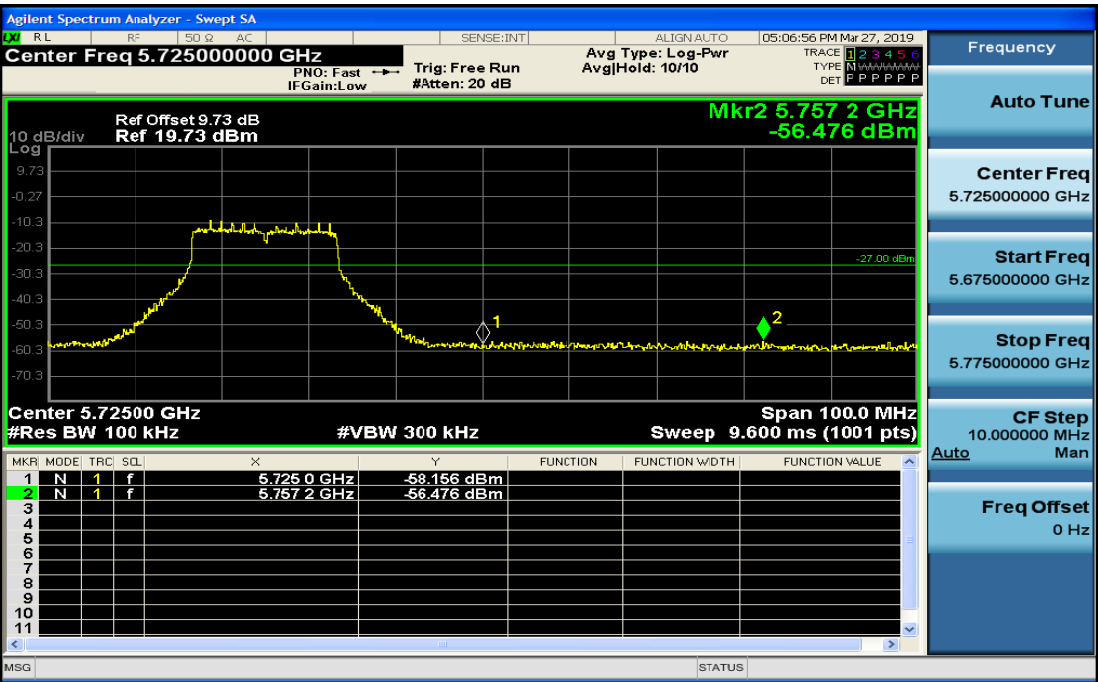
5320MHz



5500MHz

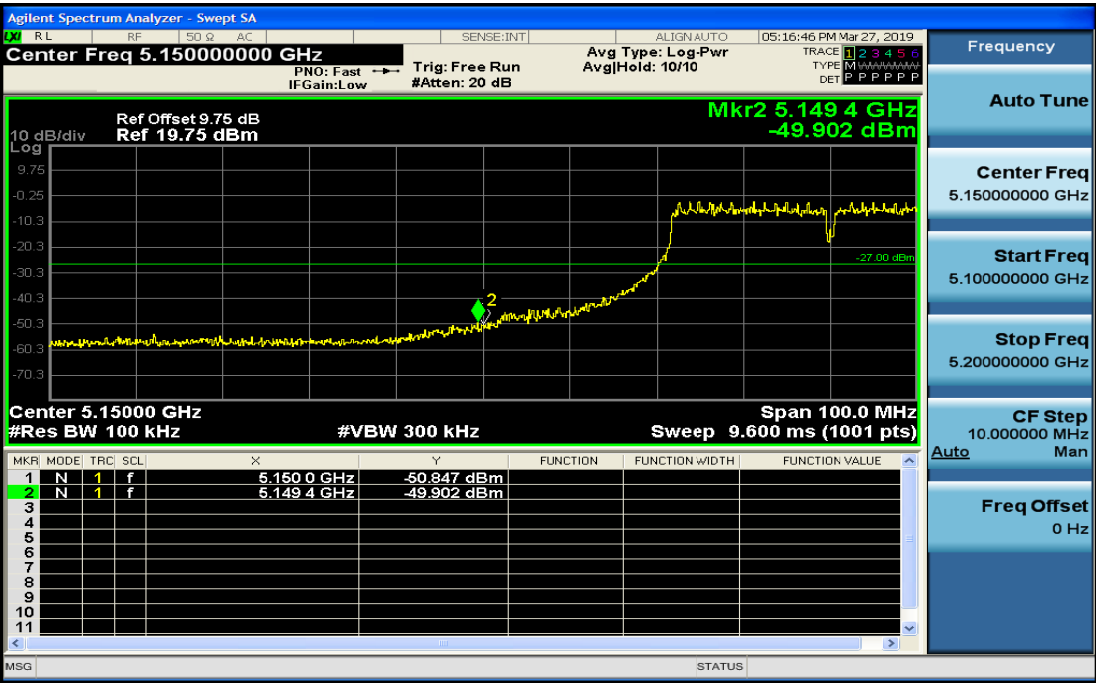


5700MHz

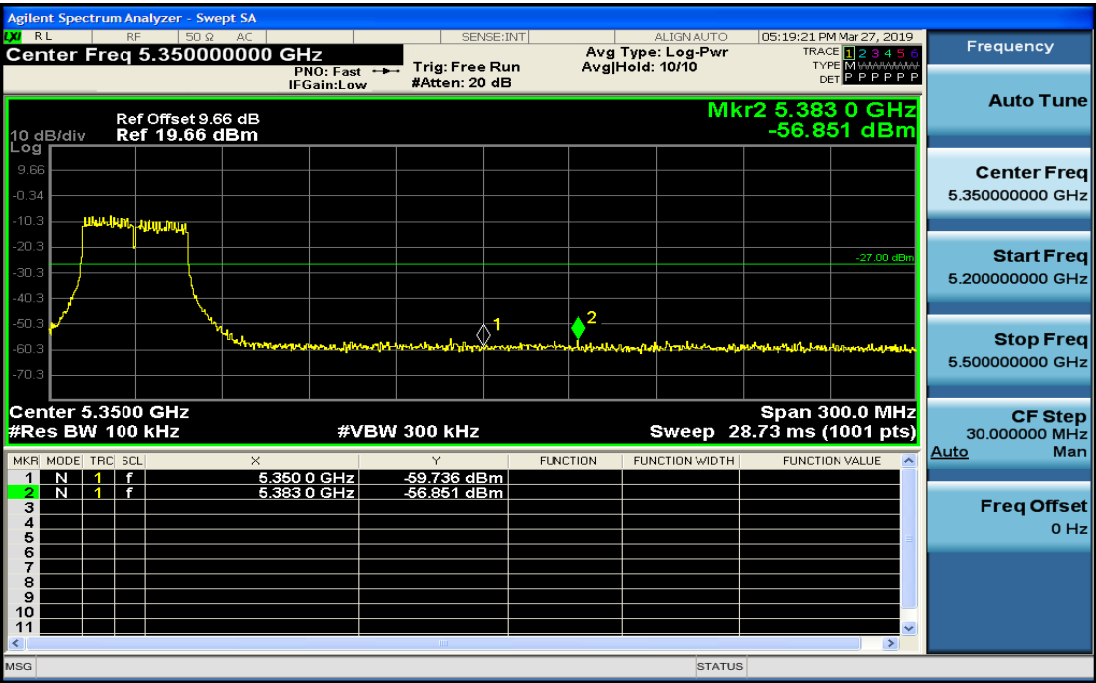


BandEdges(IEEE802.11nHT40mode)

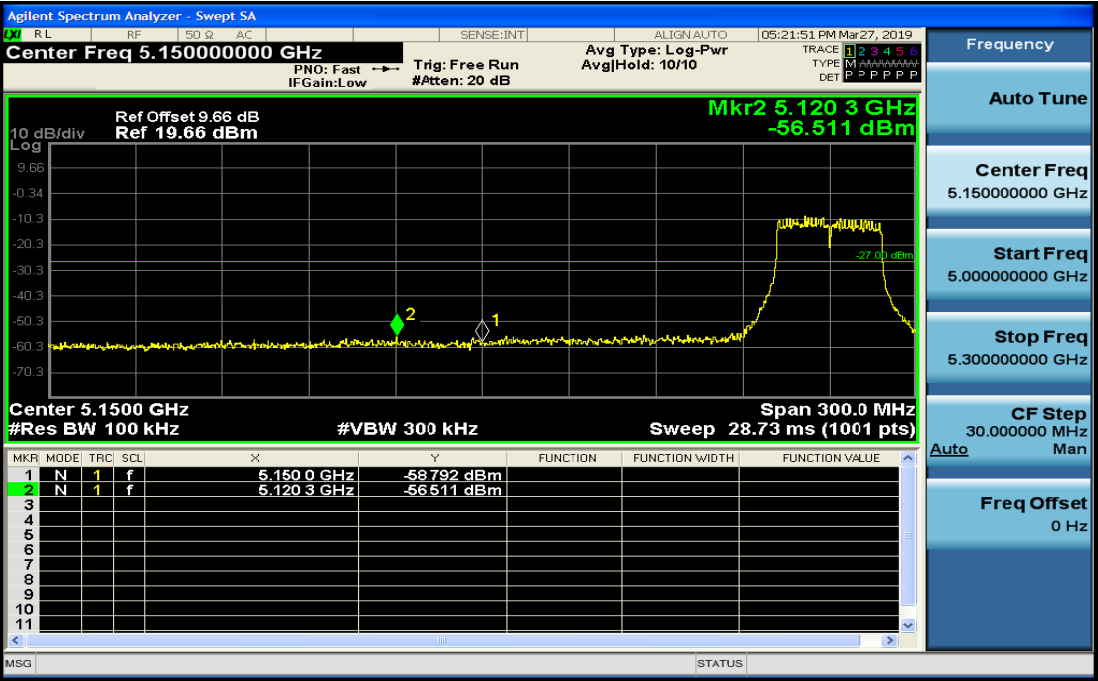
5190MHz



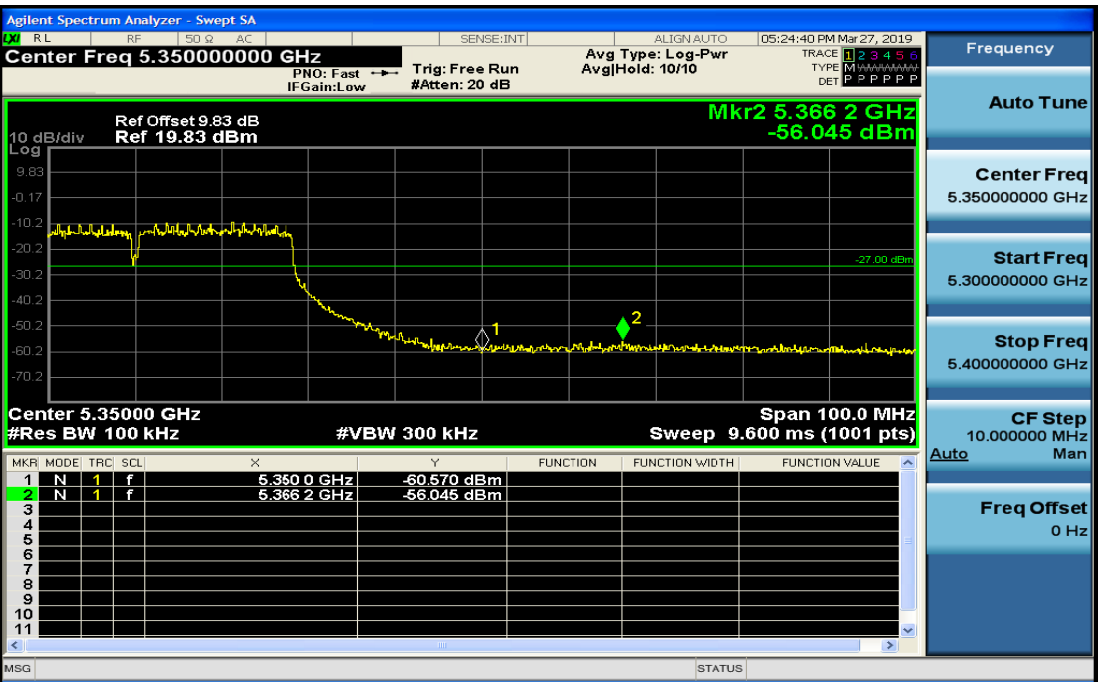
5230MHz



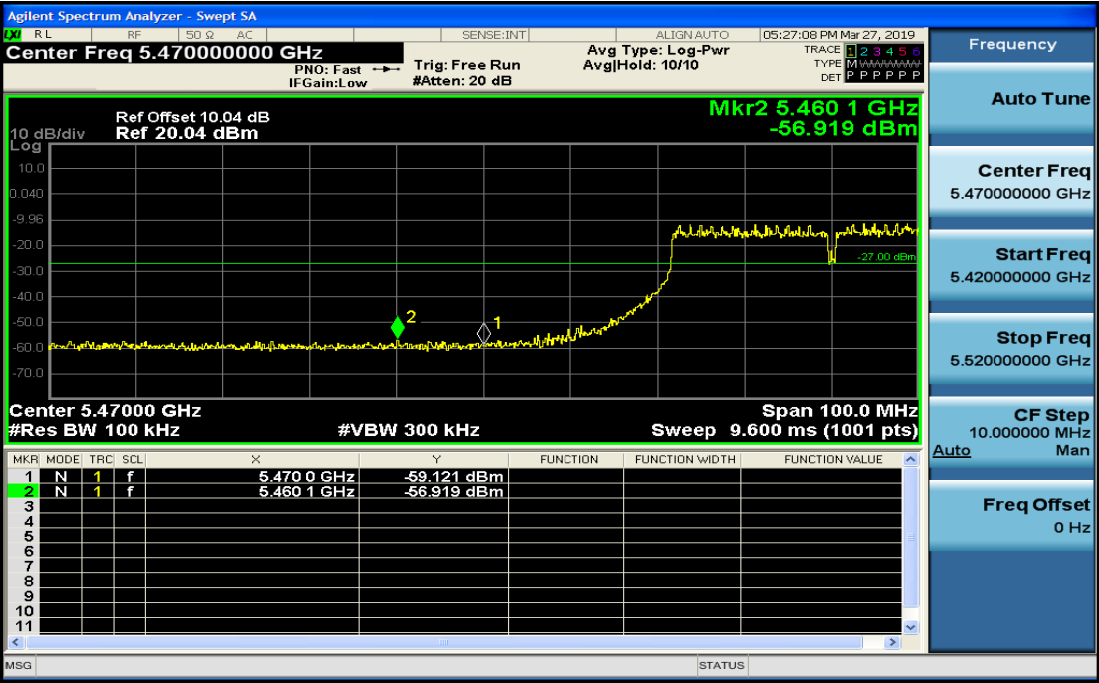
5270MHz



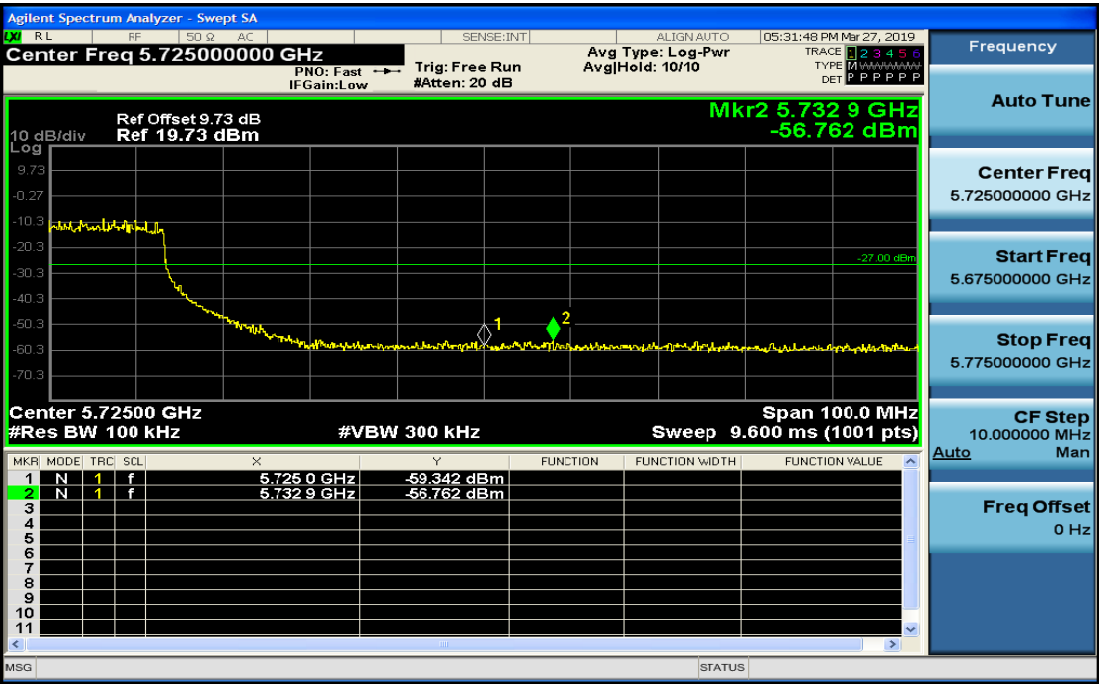
5310MHz



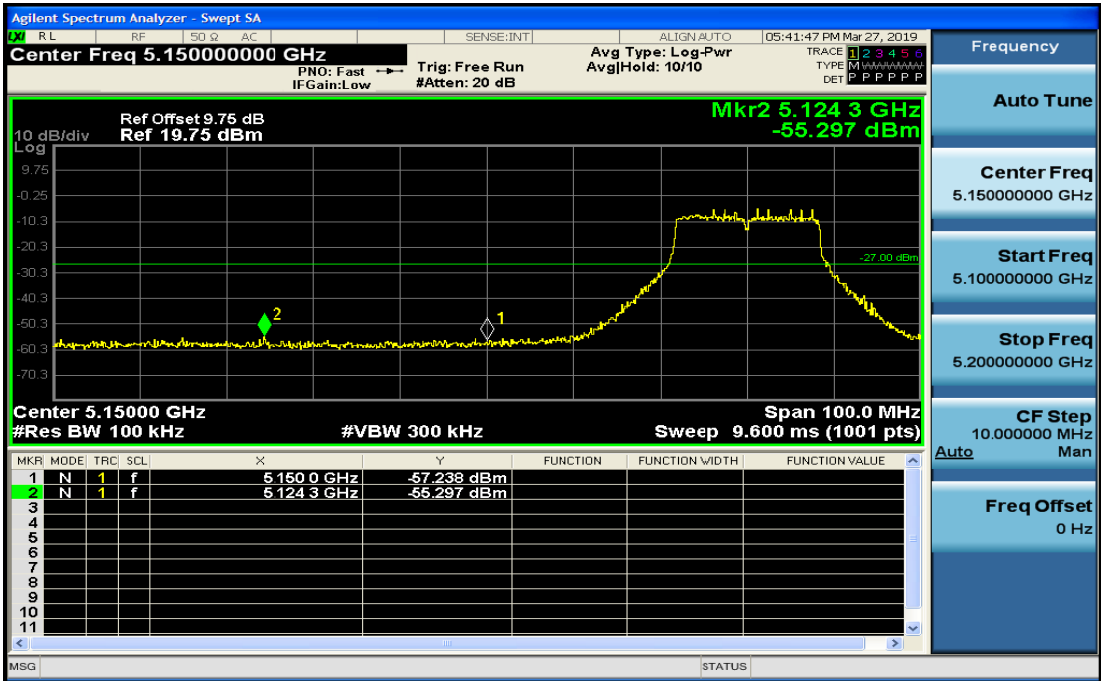
5510MHz



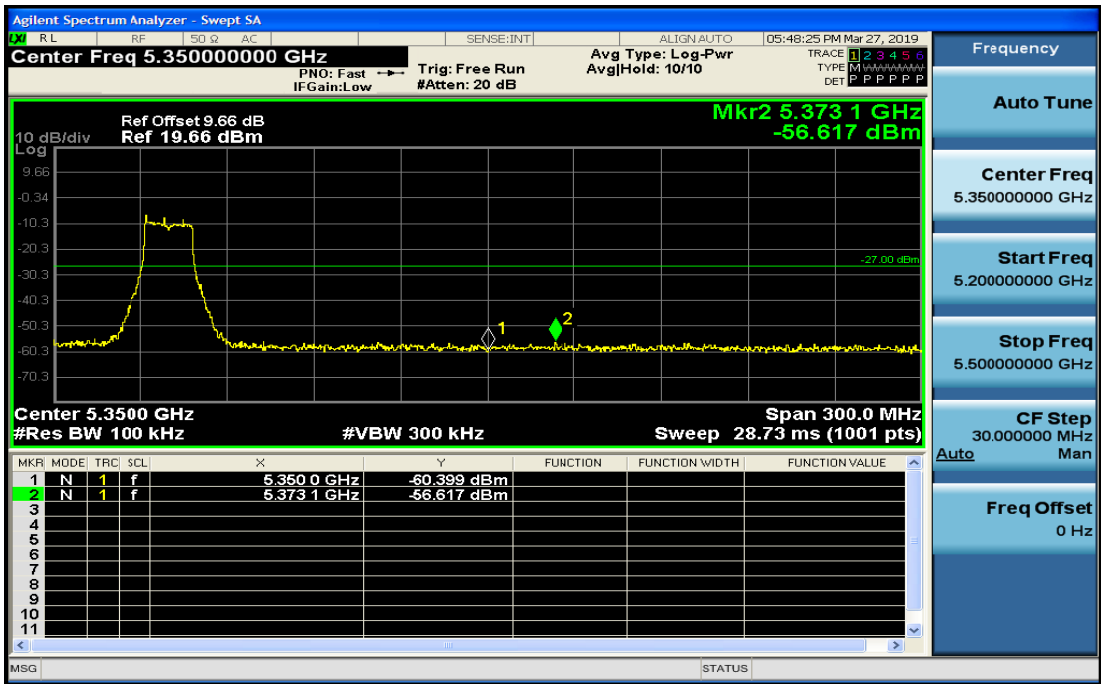
5670MHz



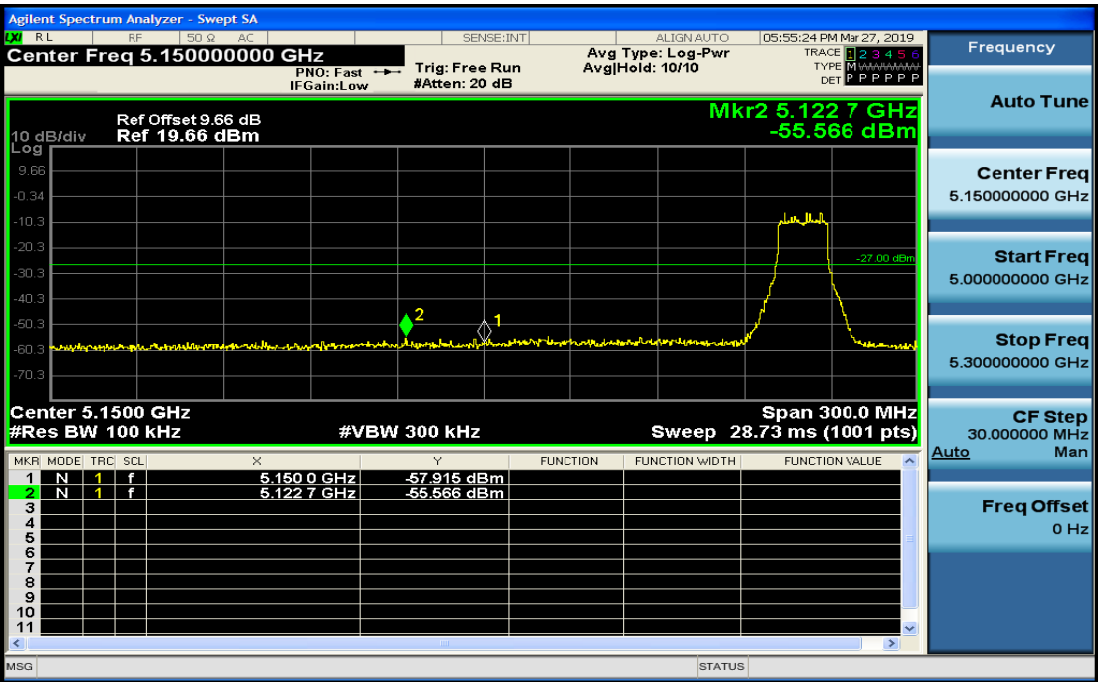
BandEdges(IEEE802.11acHT20mode)
5180MHz



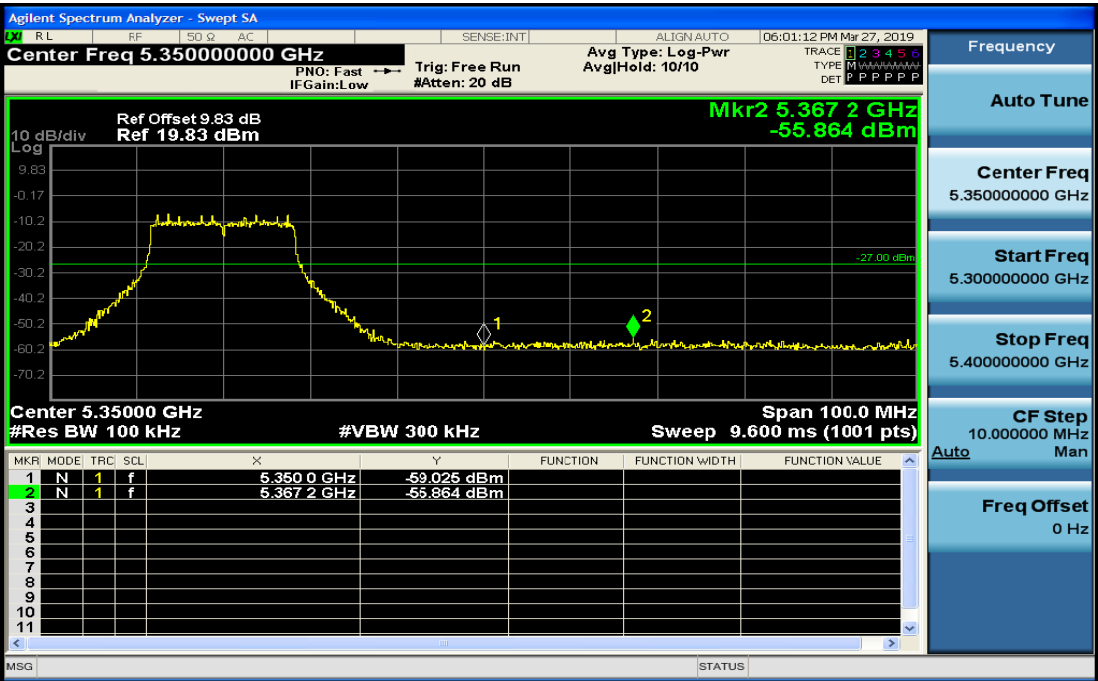
5240MHz



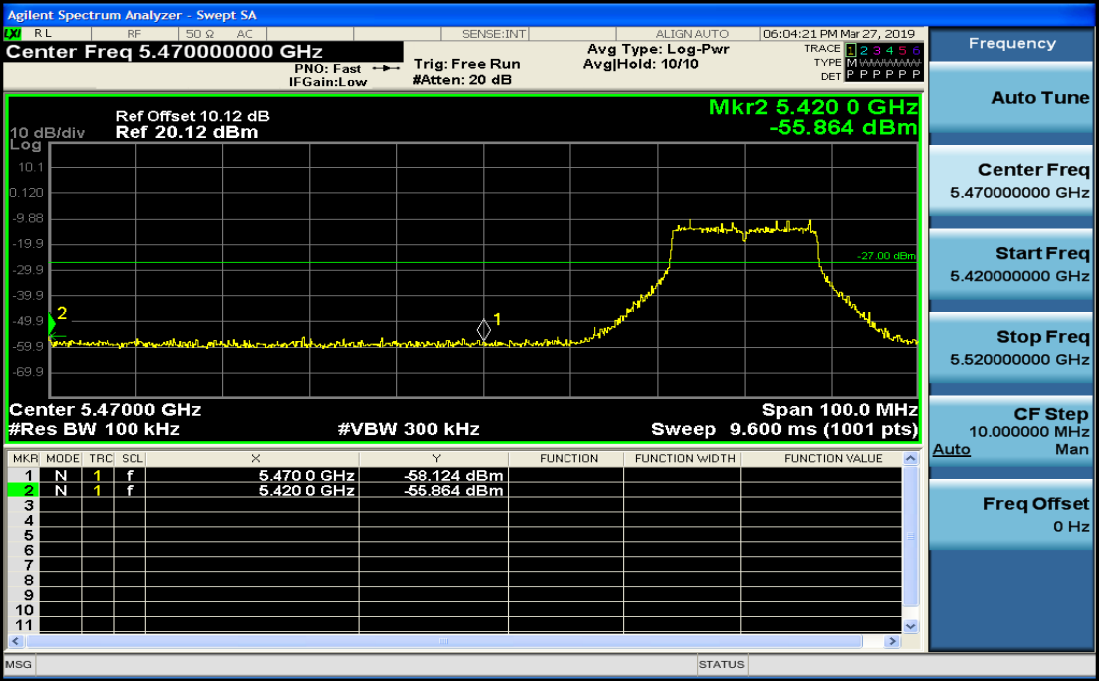
5260MHz



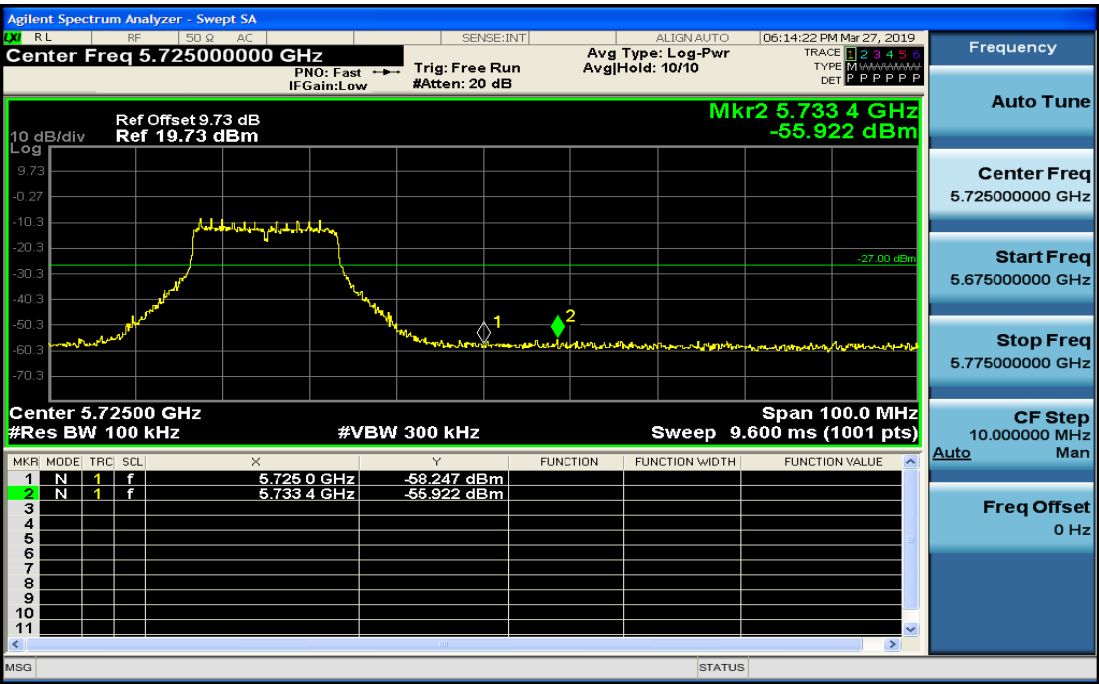
5320MHz



5500MHz

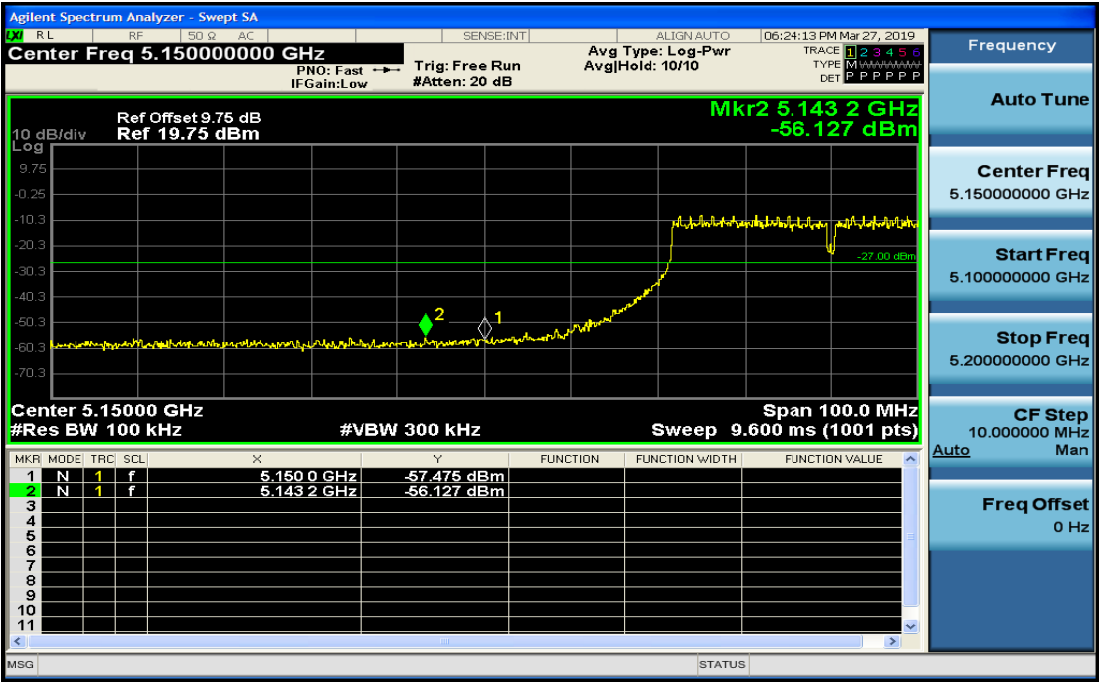


5700MHz

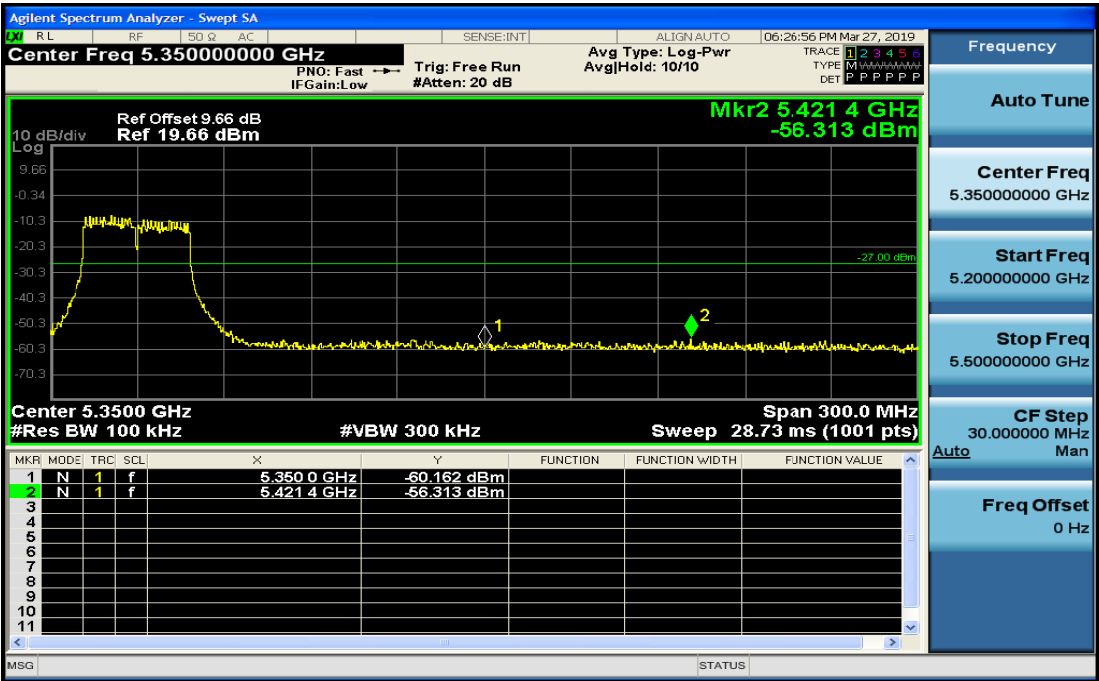


BandEdges(IEEE802.11acHT40mode)

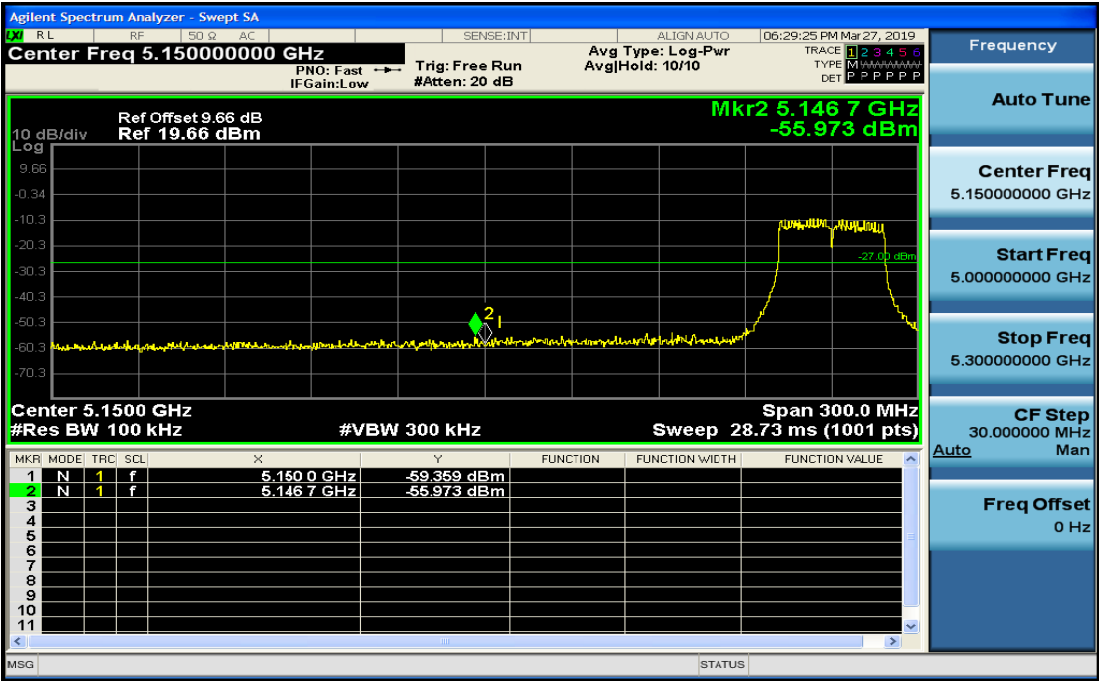
5190MHz



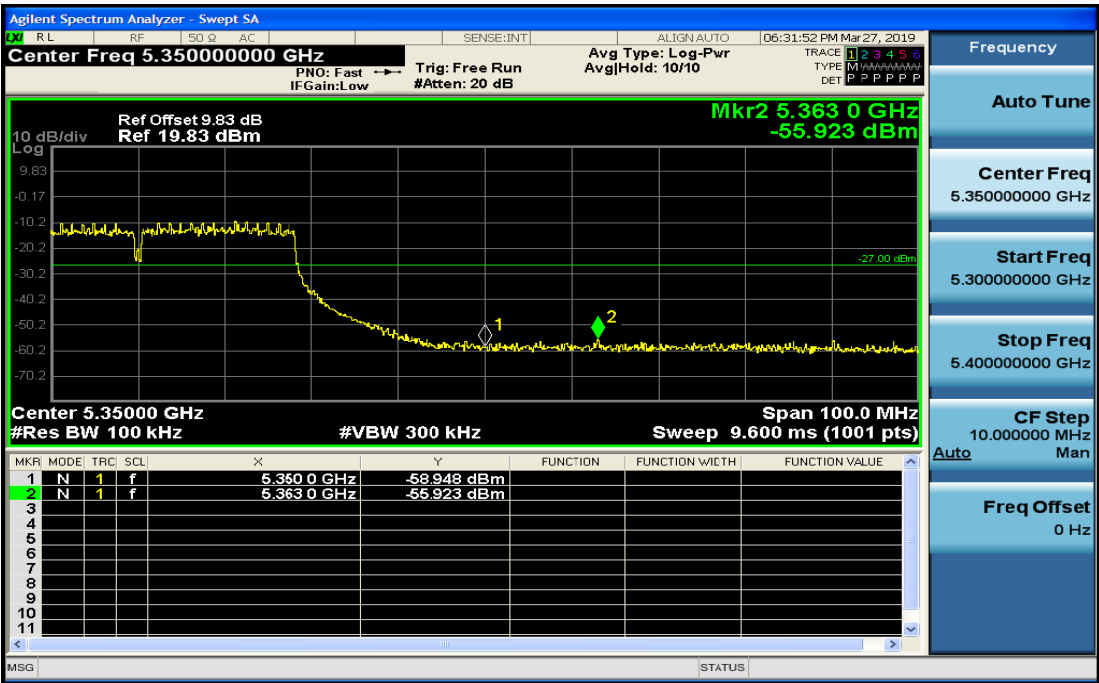
5230MHz



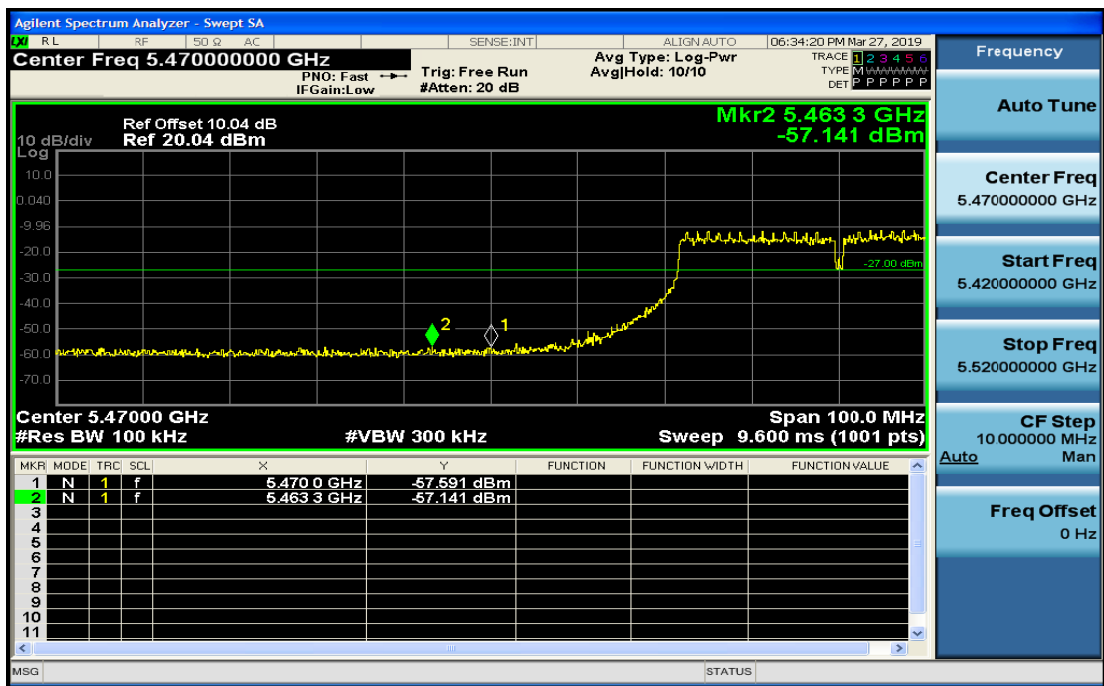
5270MHz



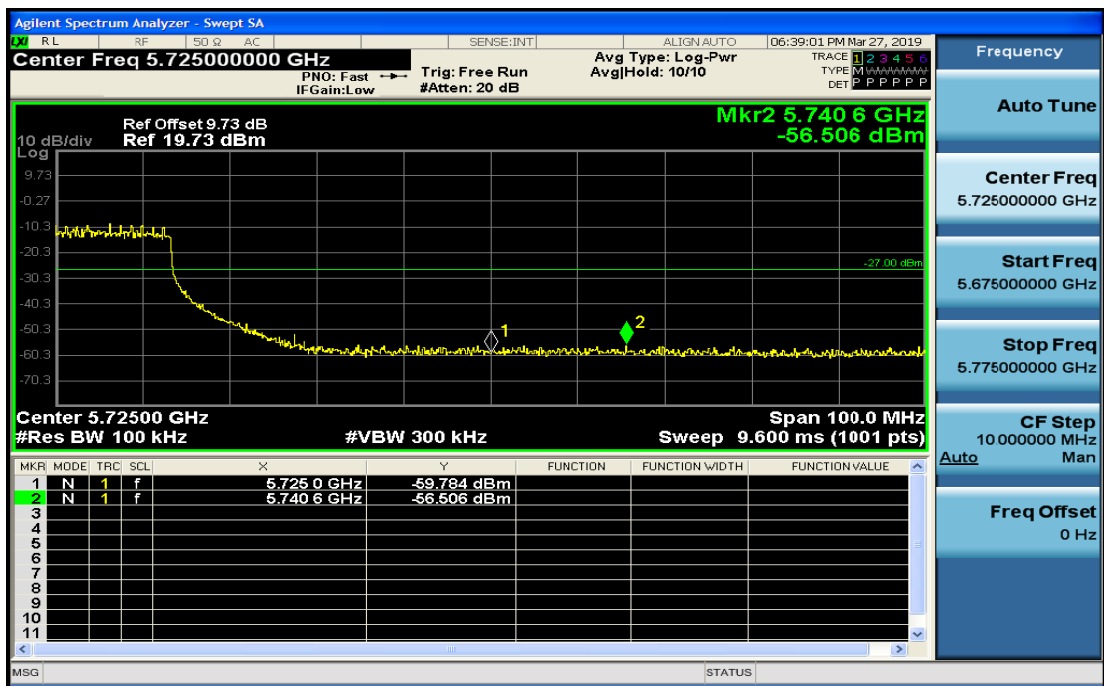
5310MHz



5510MHz

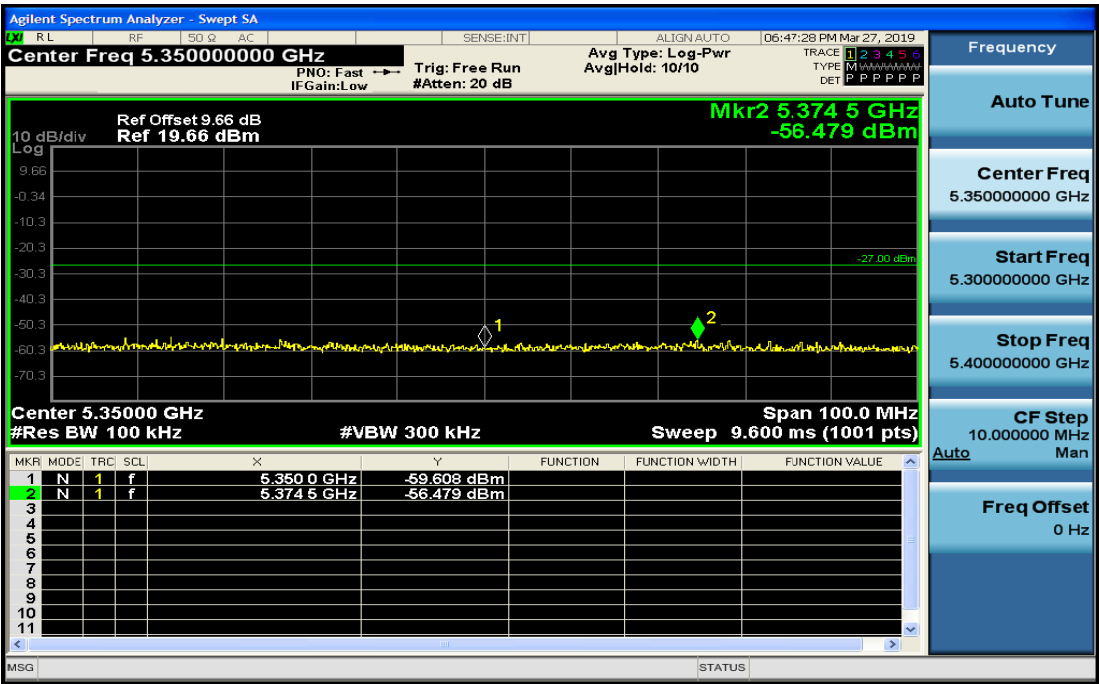


5670MHz

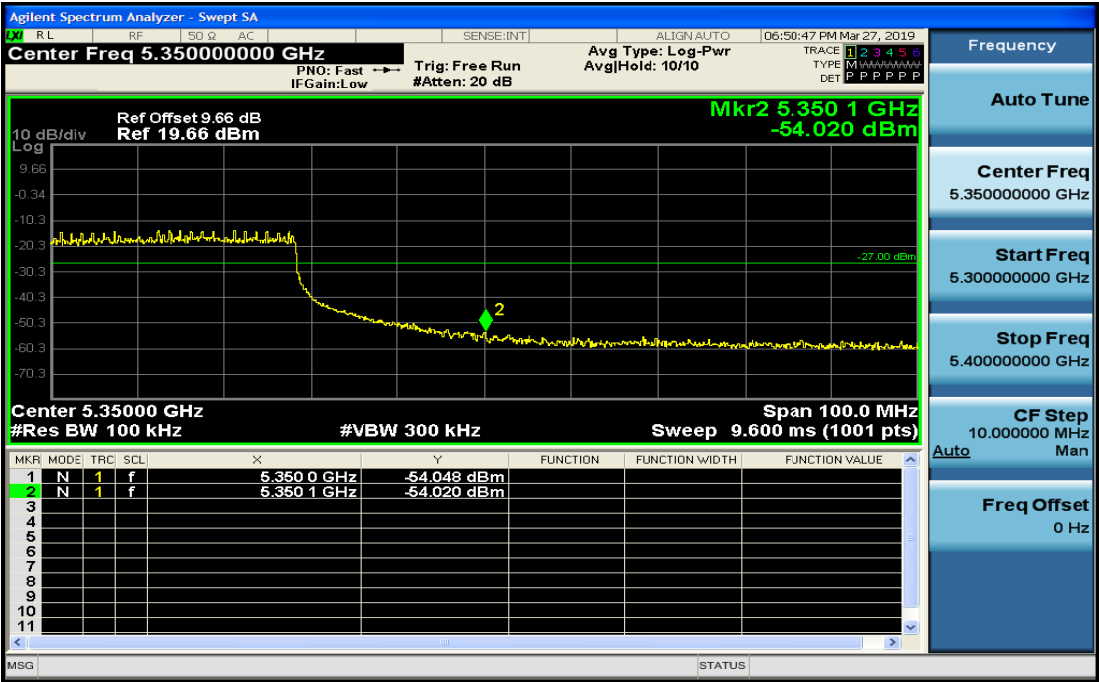


BandEdges(IEEE802.11acHT80mode)

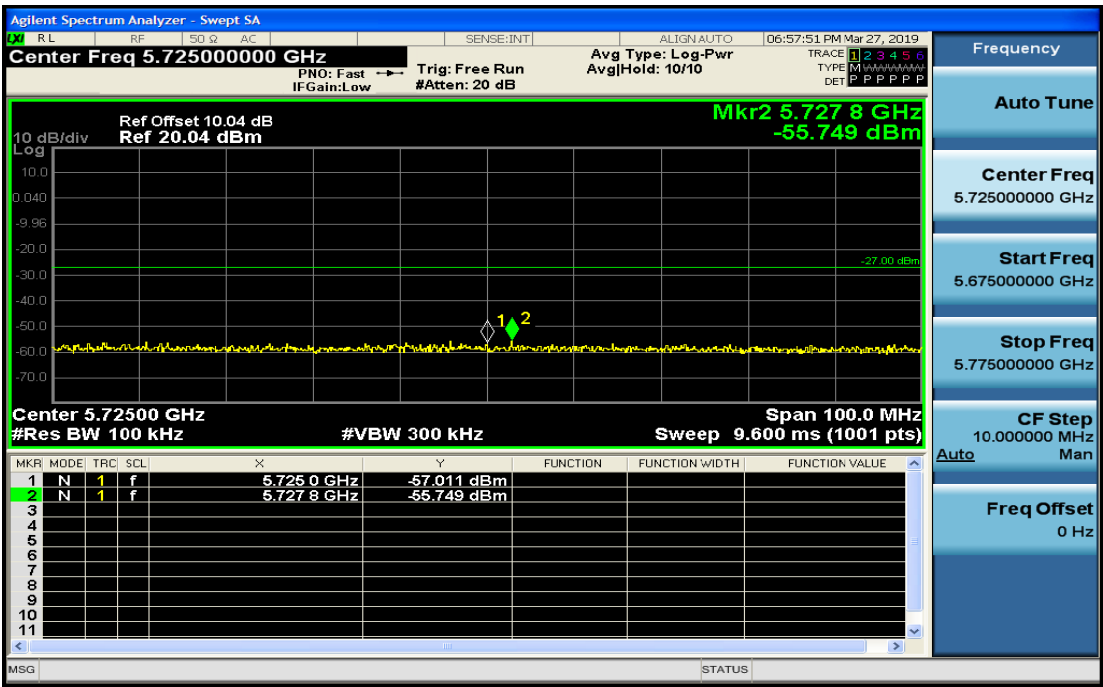
5210MHz



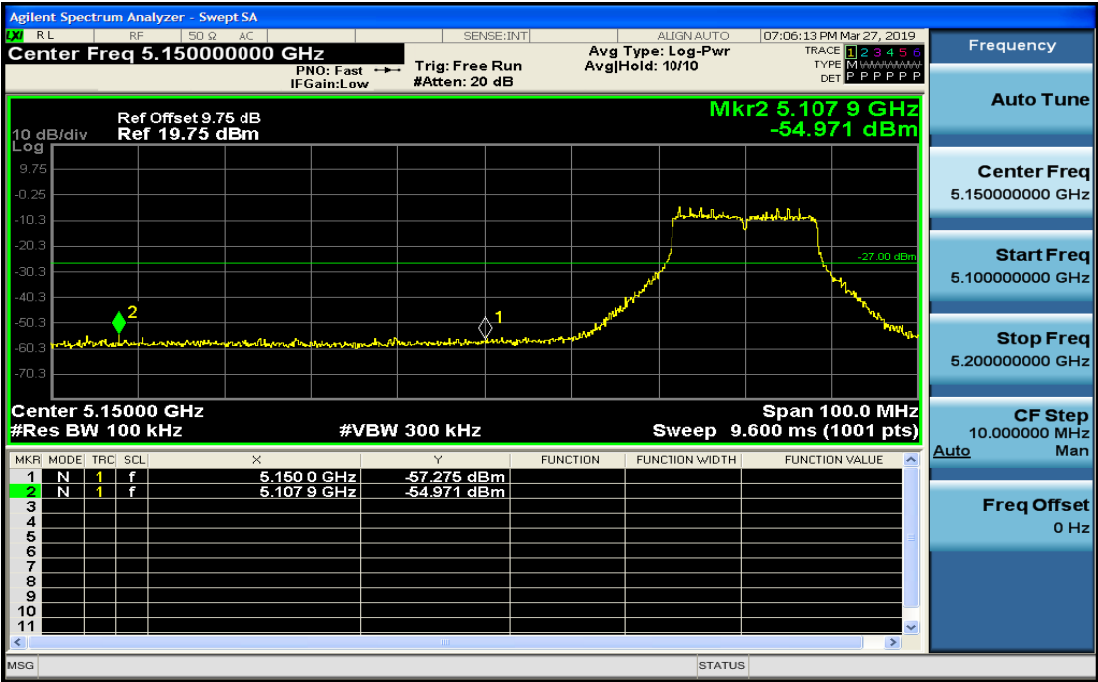
5290MHz



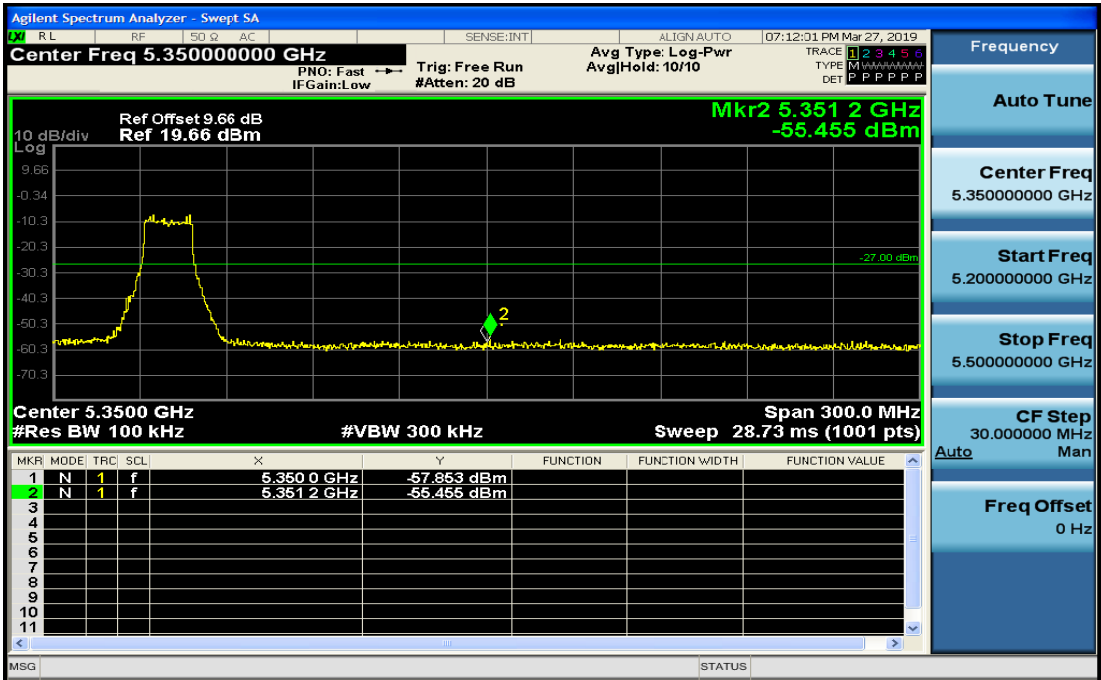
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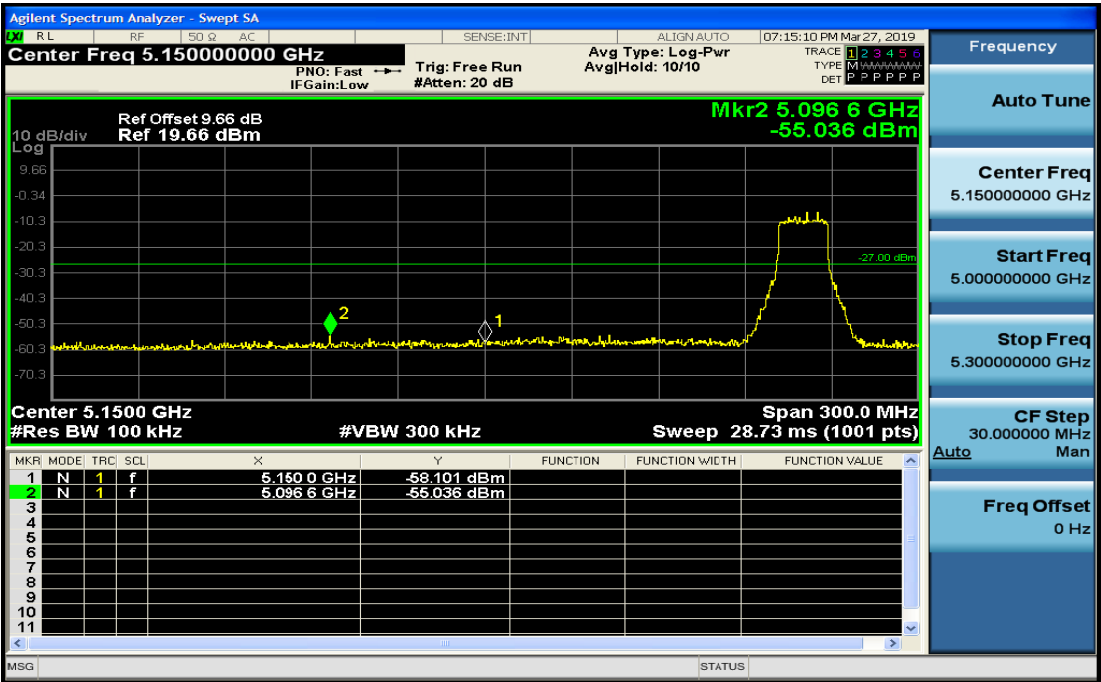
Antenna2
BandEdges(IEEE802.11amode)
5180MHz



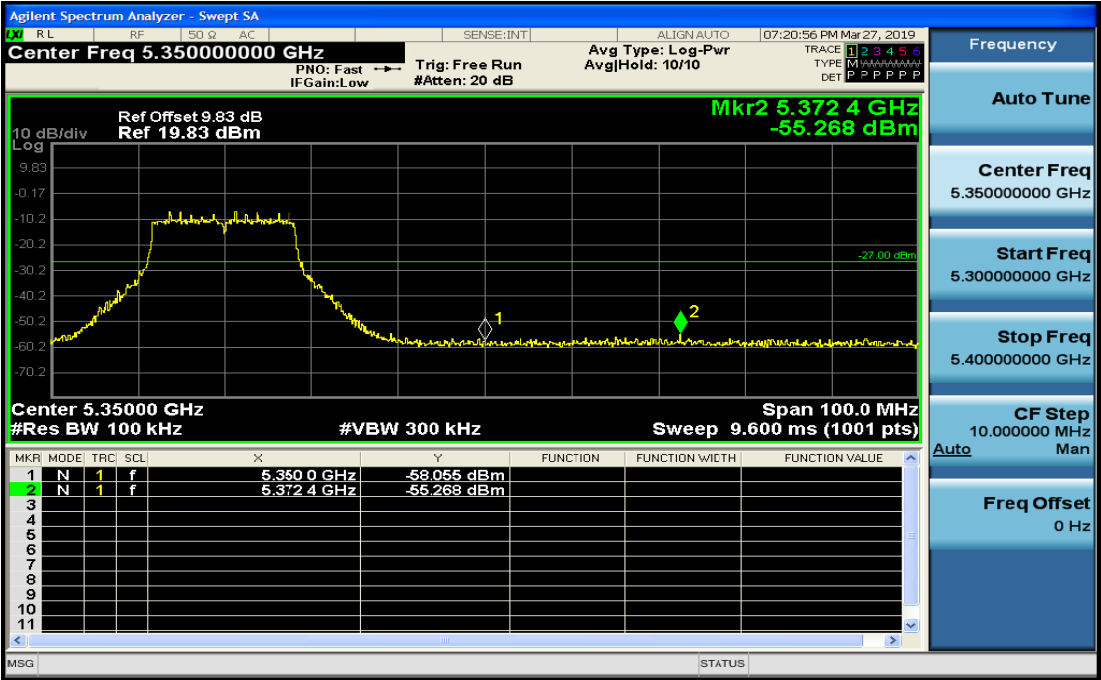
5240MHz



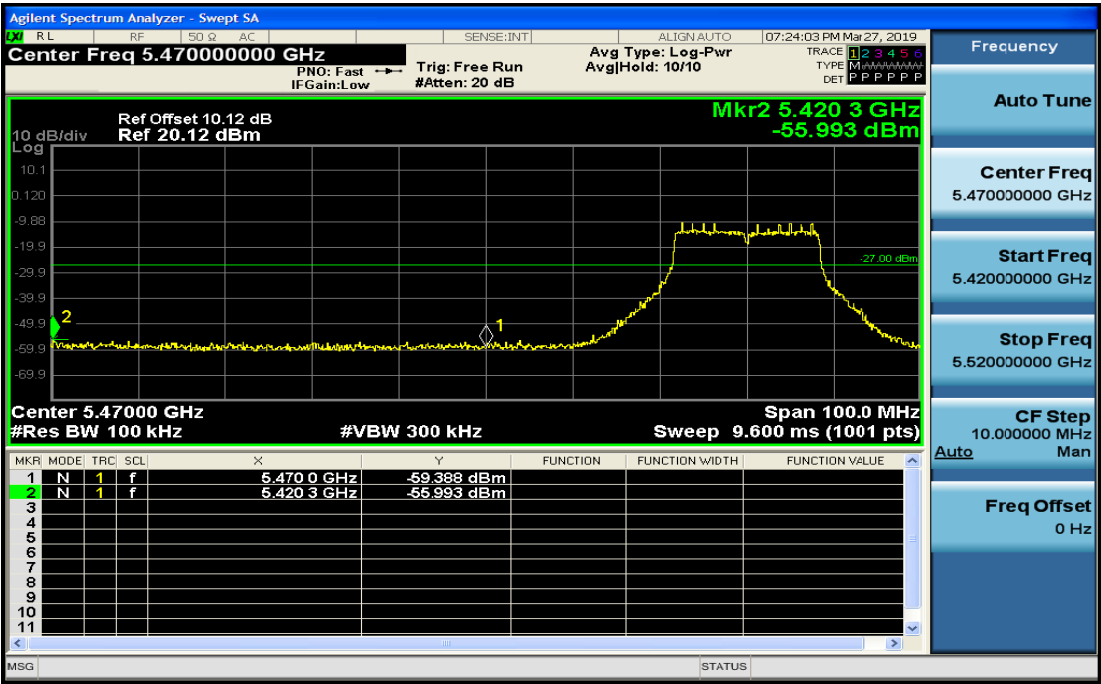
5260MHz



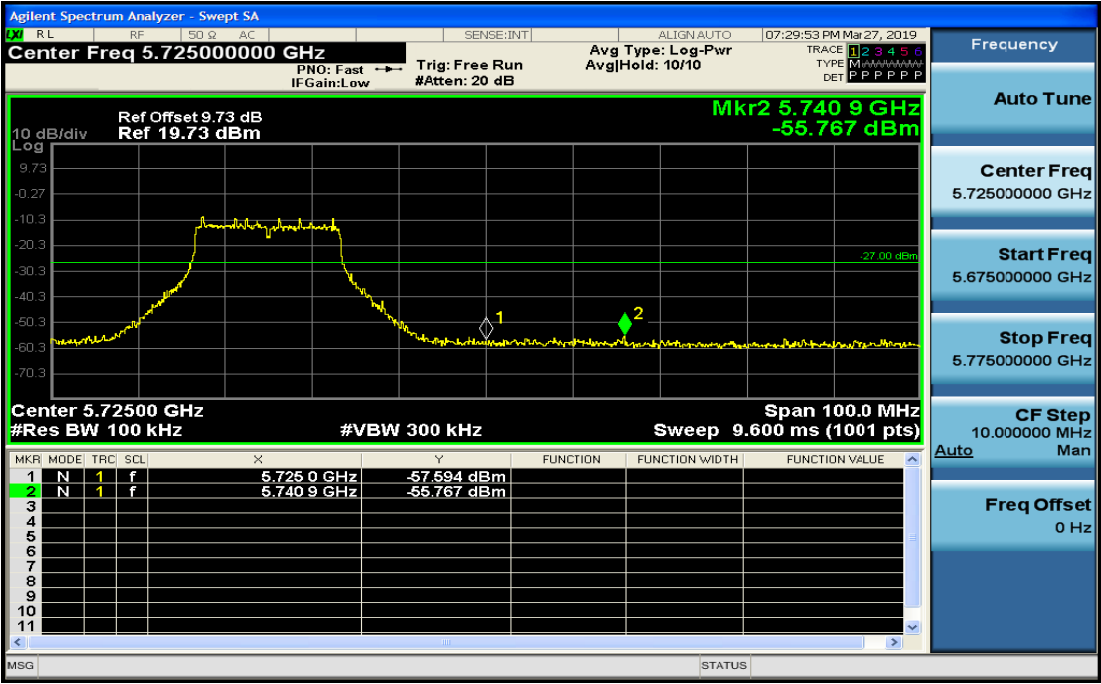
5320MHz



5500MHz

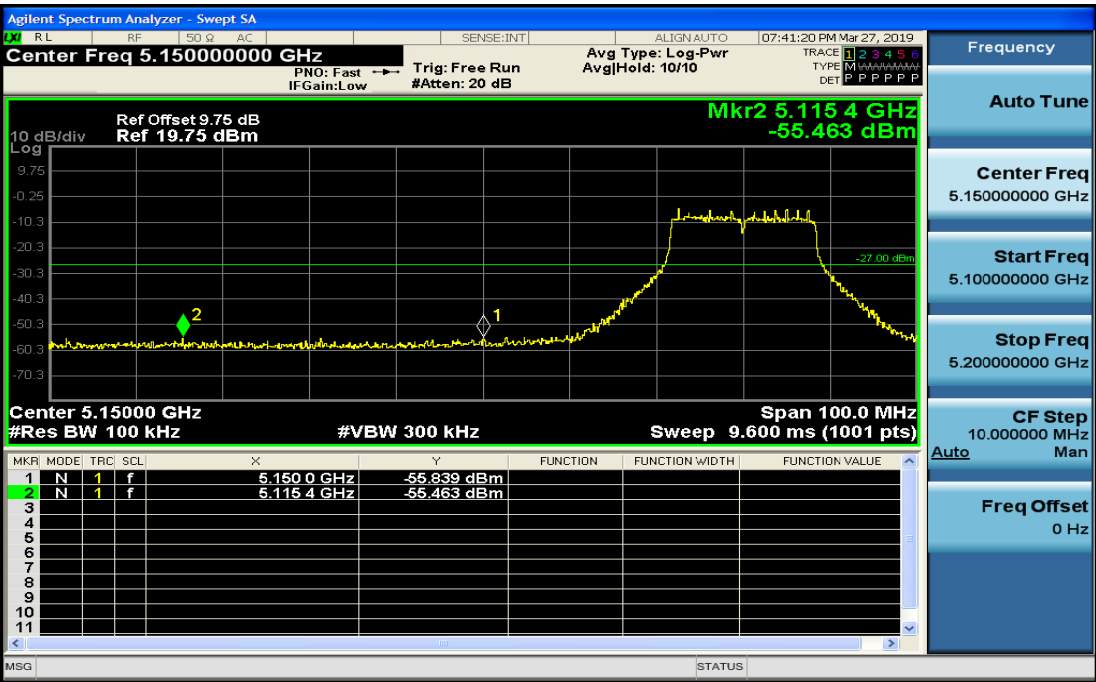


5700MHz

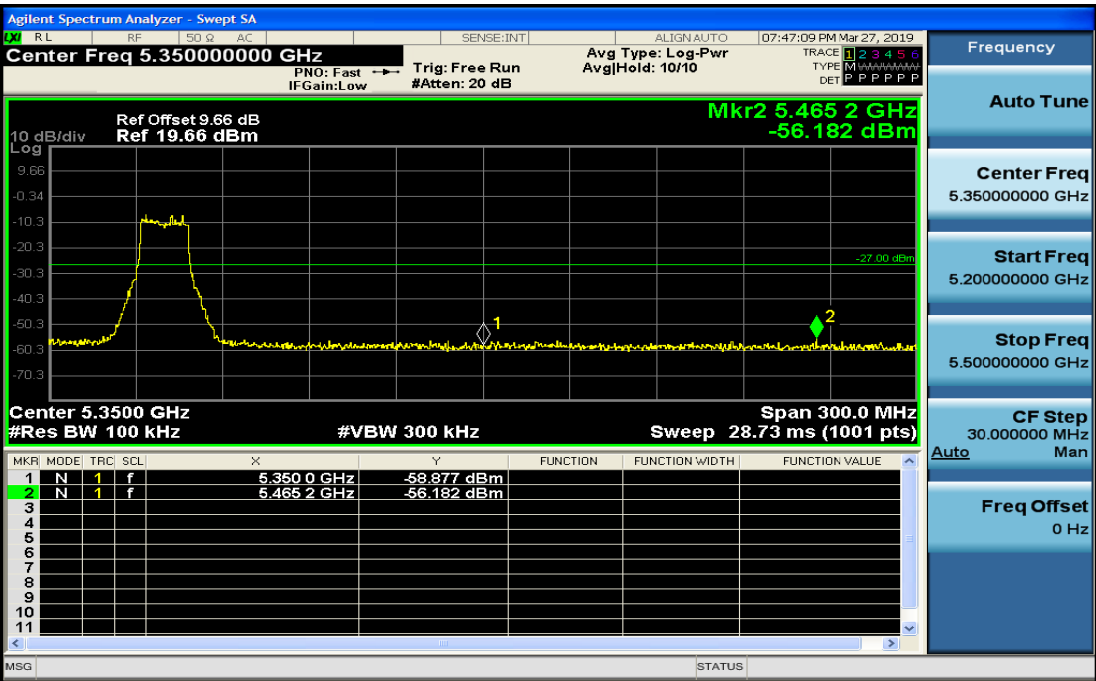


BandEdges(IEEE802.11nHT20mode)

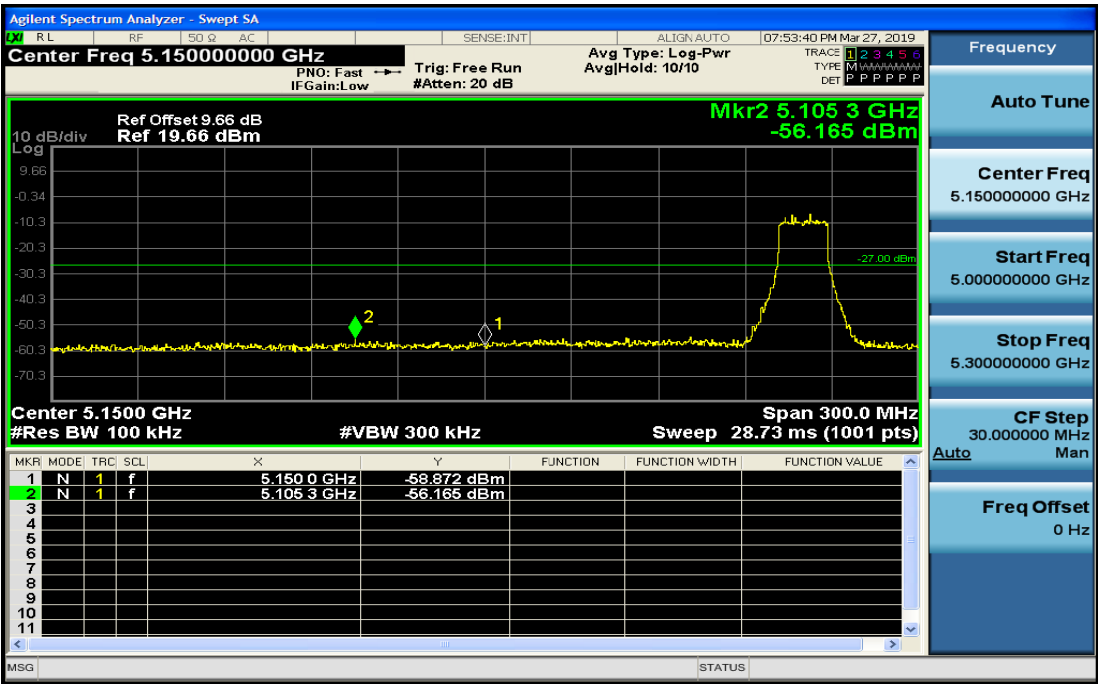
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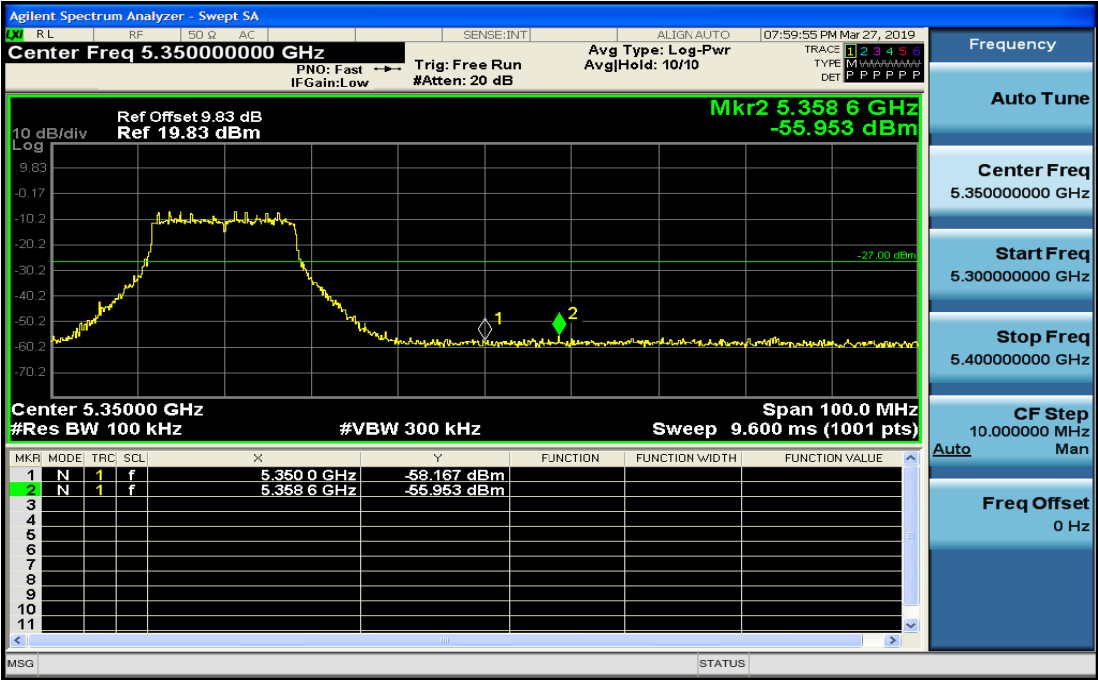
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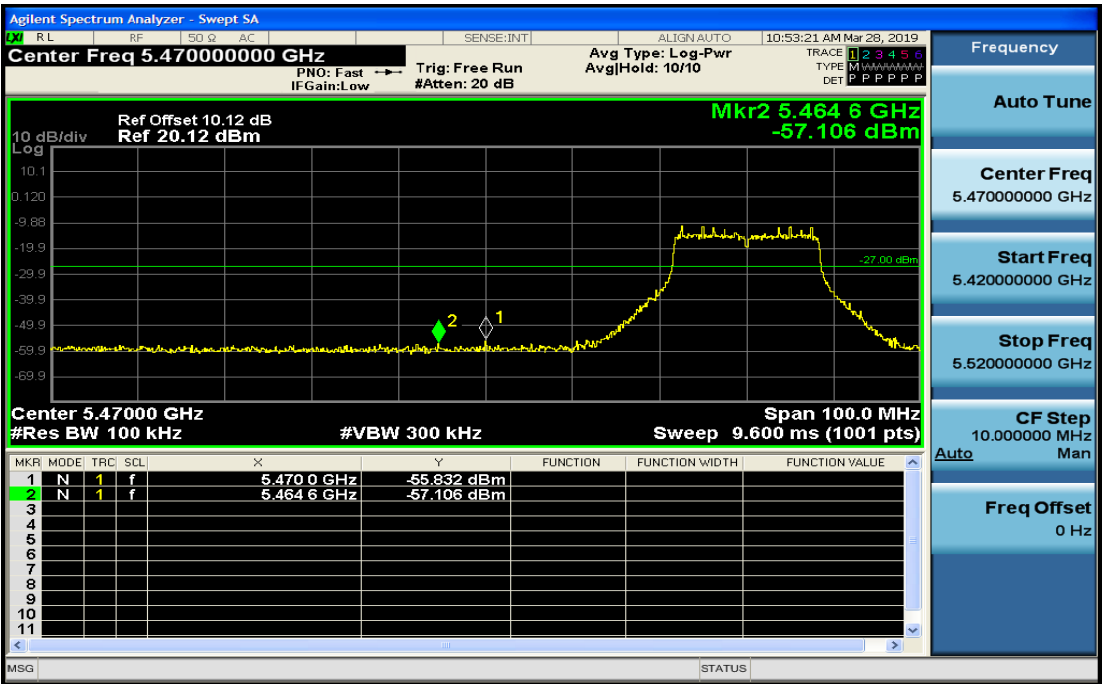
5260MHz



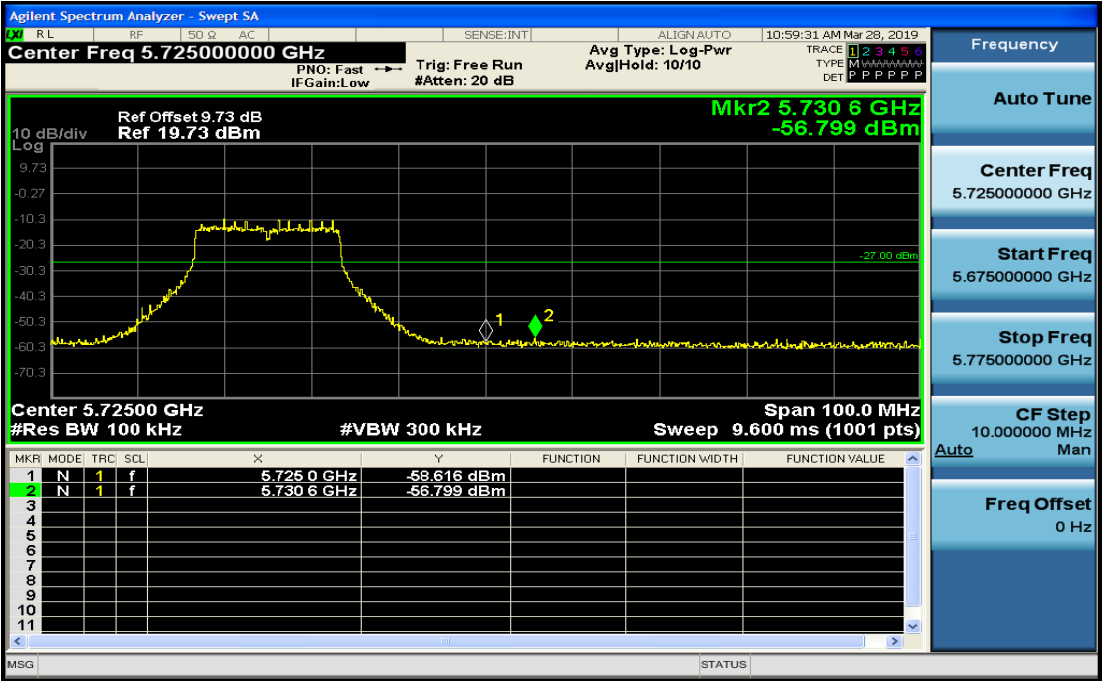
5320MHz



5500MHz

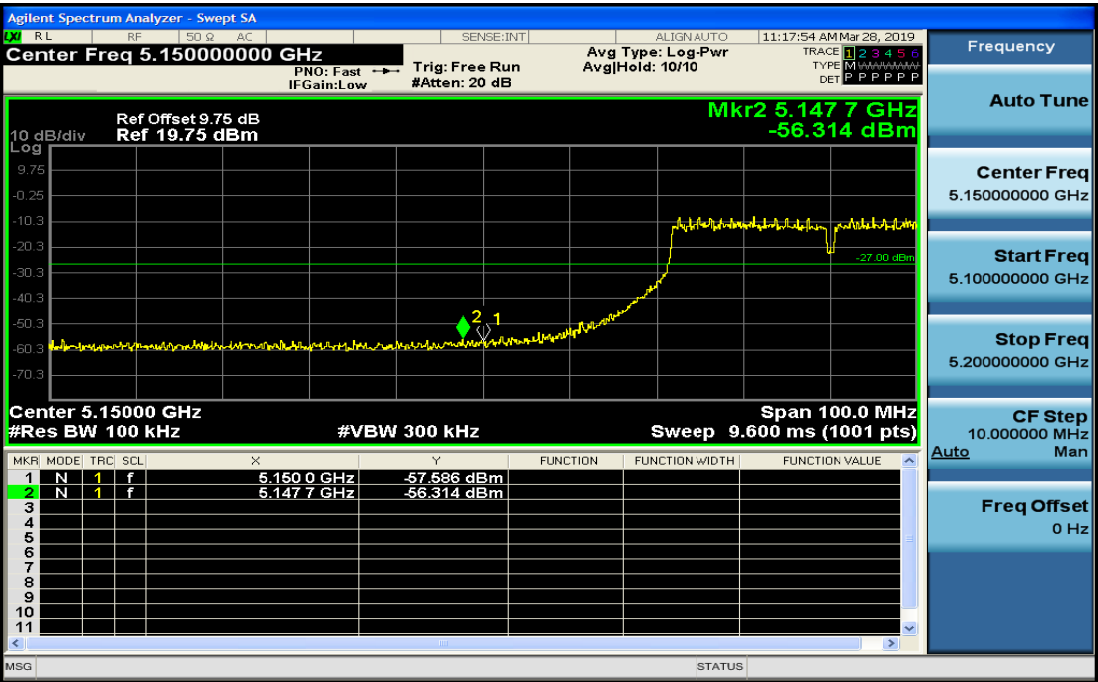


5700MHz

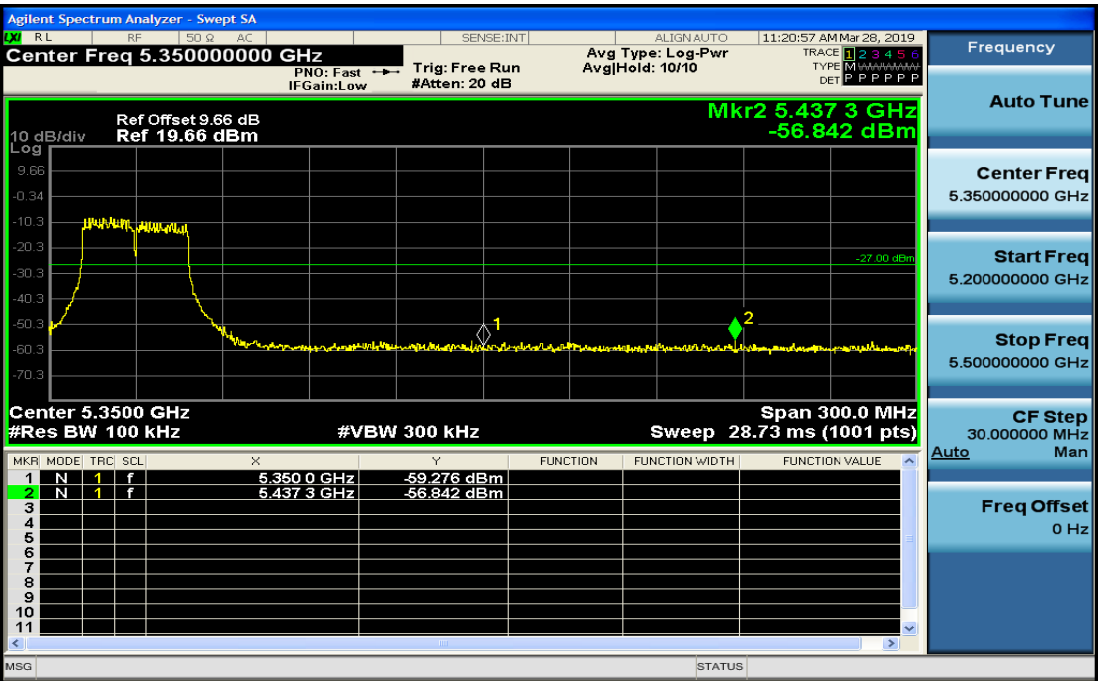


BandEdges(IEEE802.11nHT40mode)

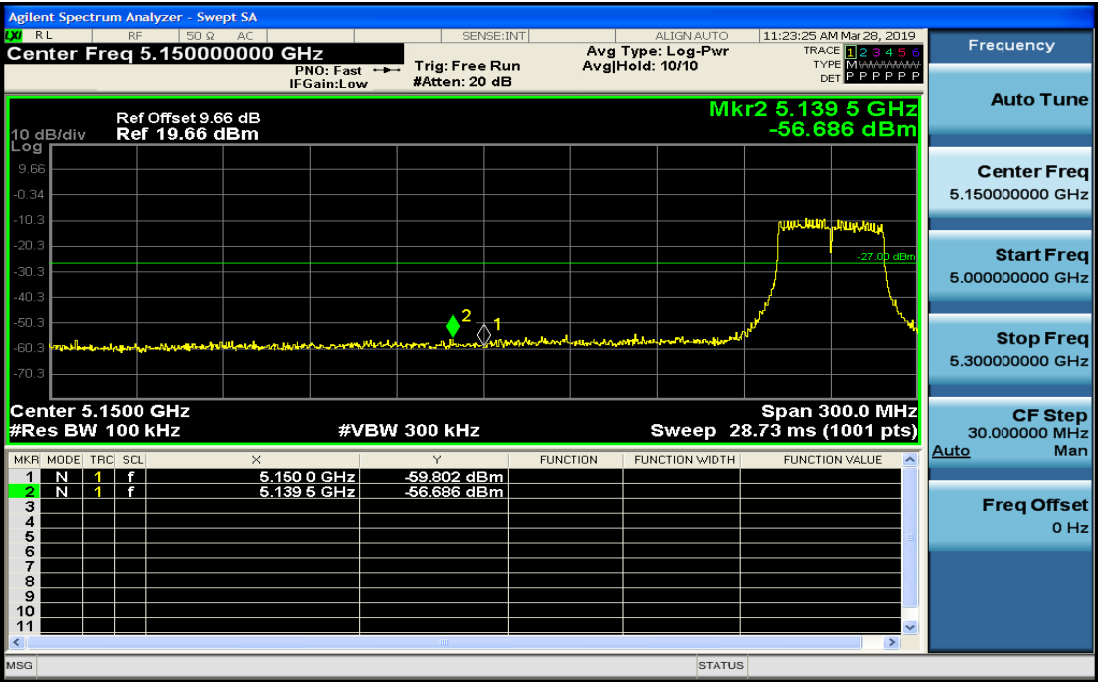
5190MHz



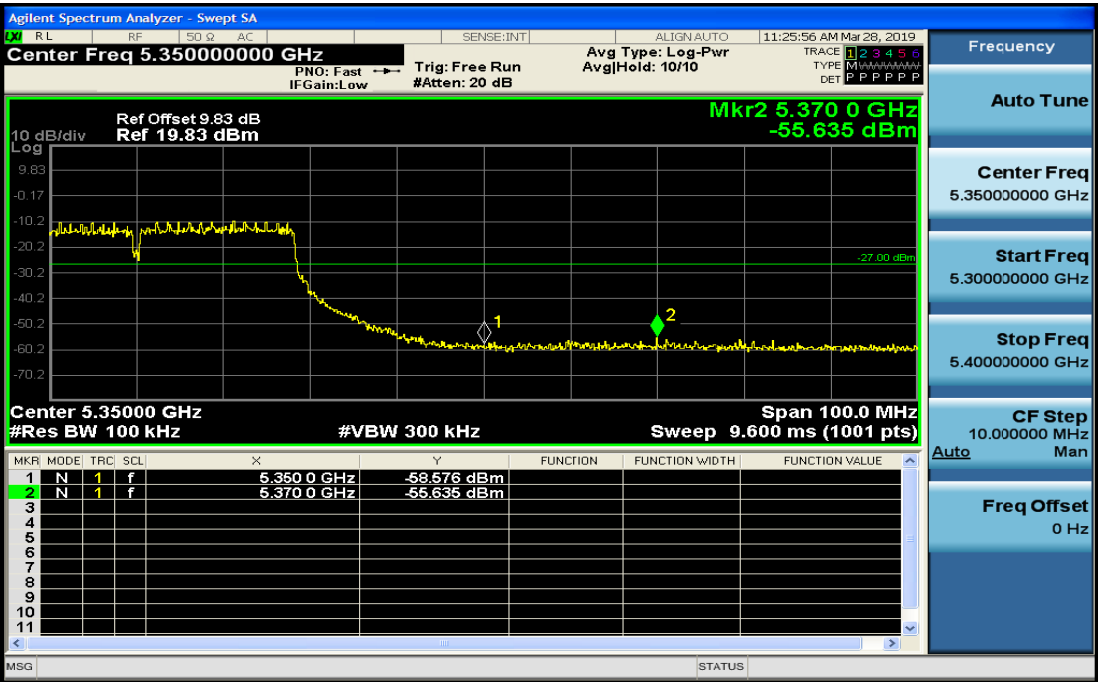
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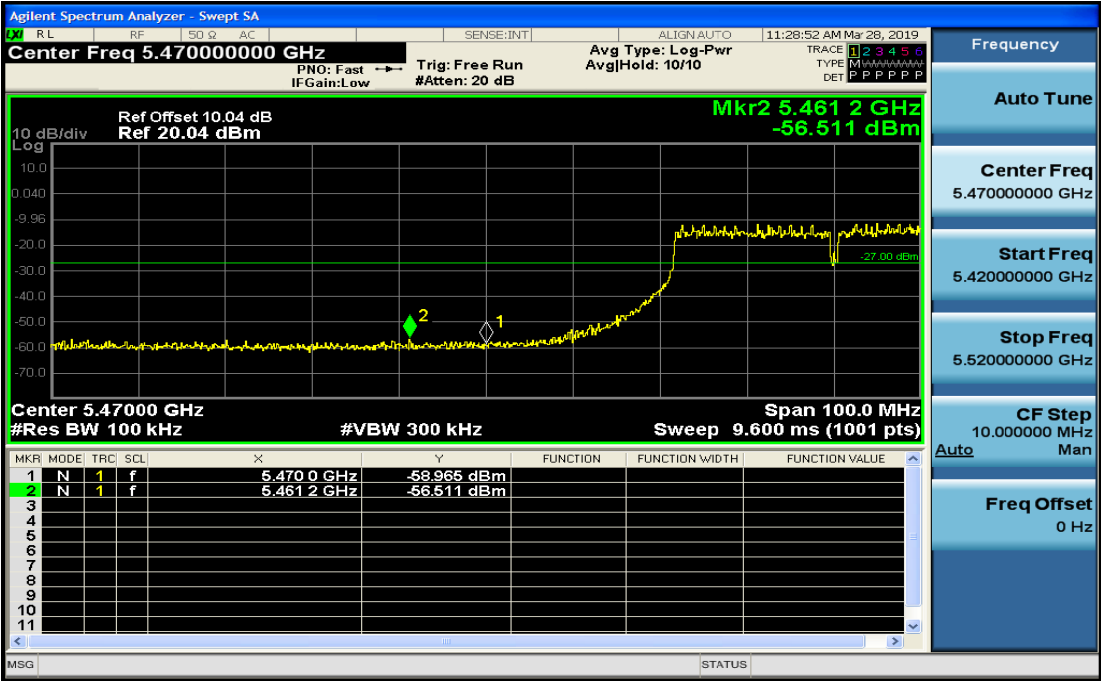
5270MHz



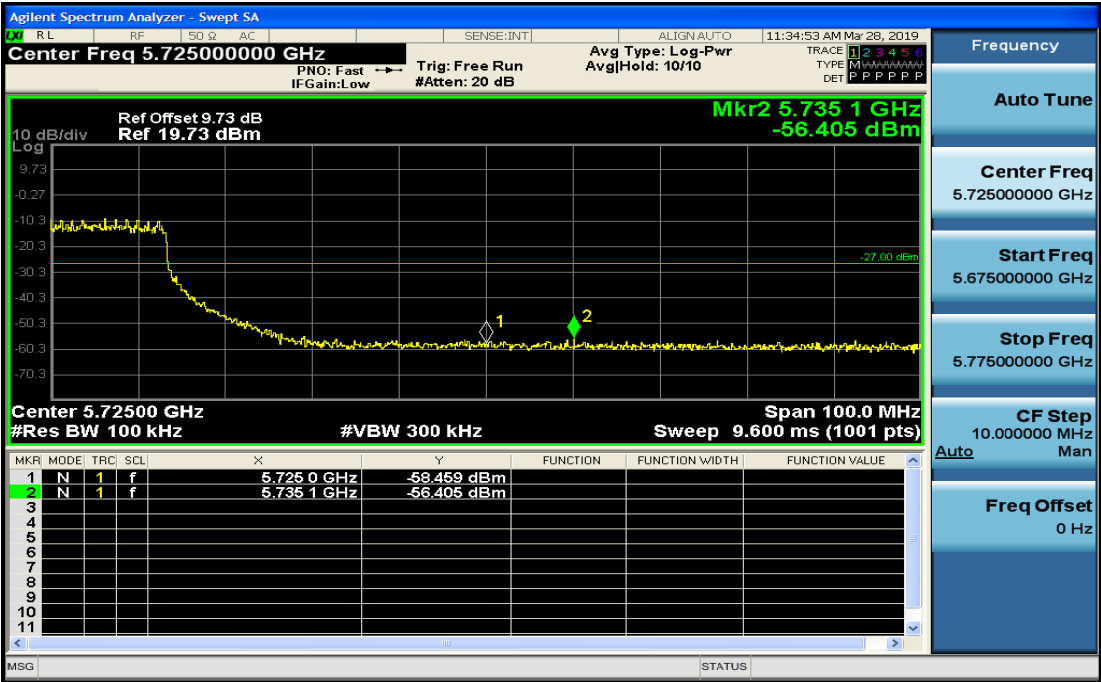
5310MHz



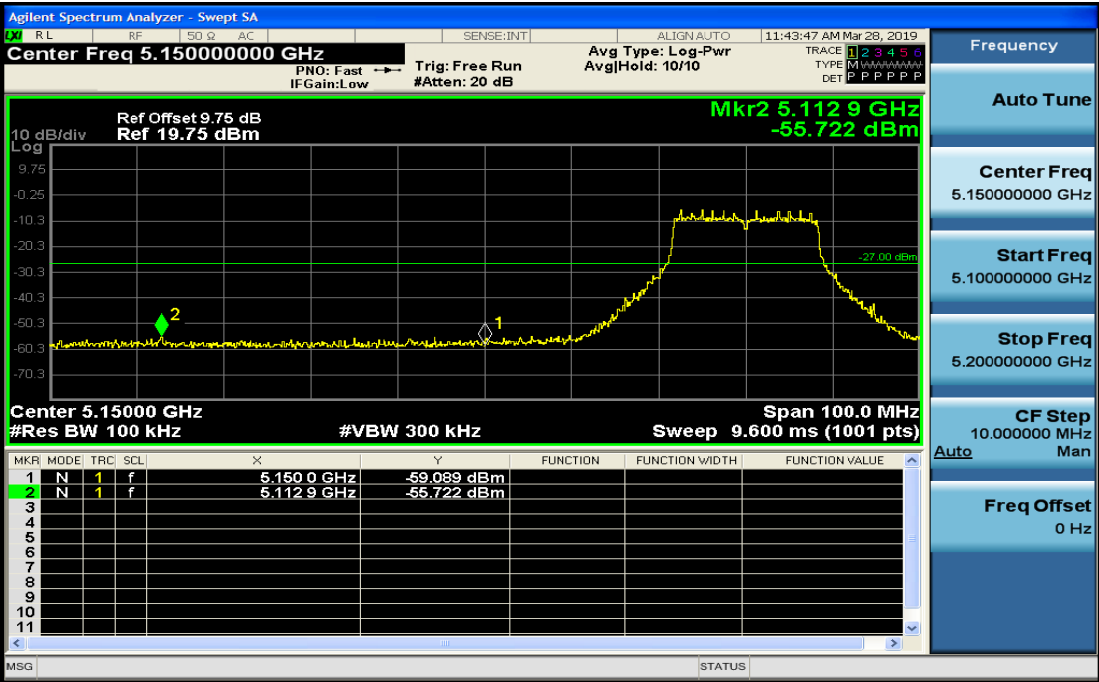
5510MHz



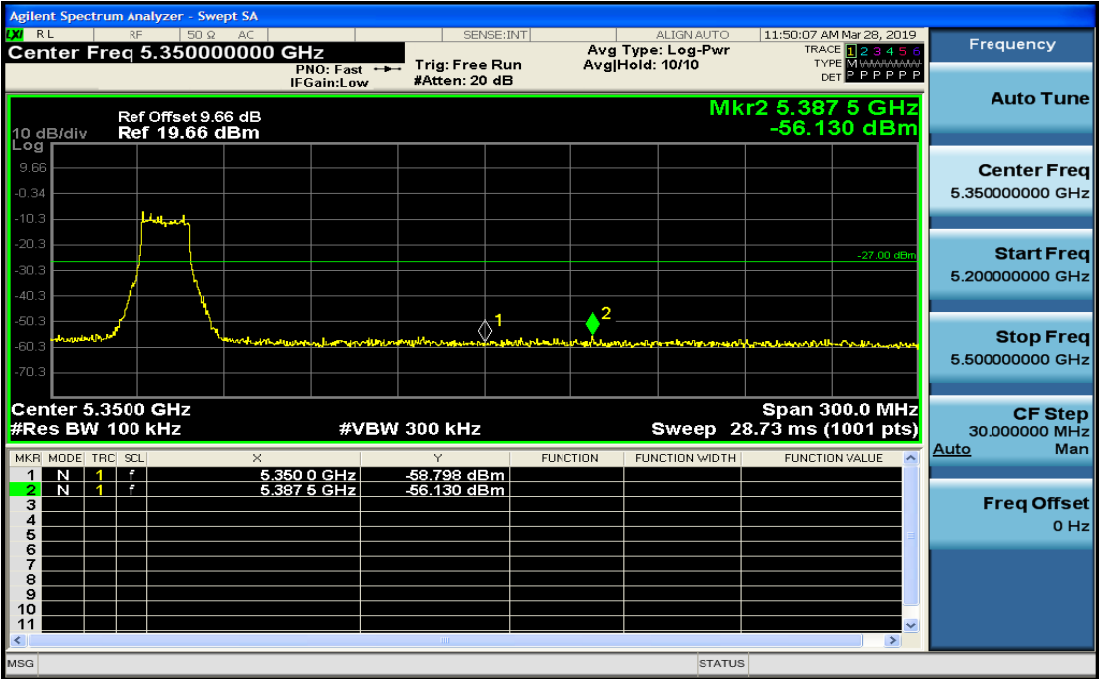
5670MHz



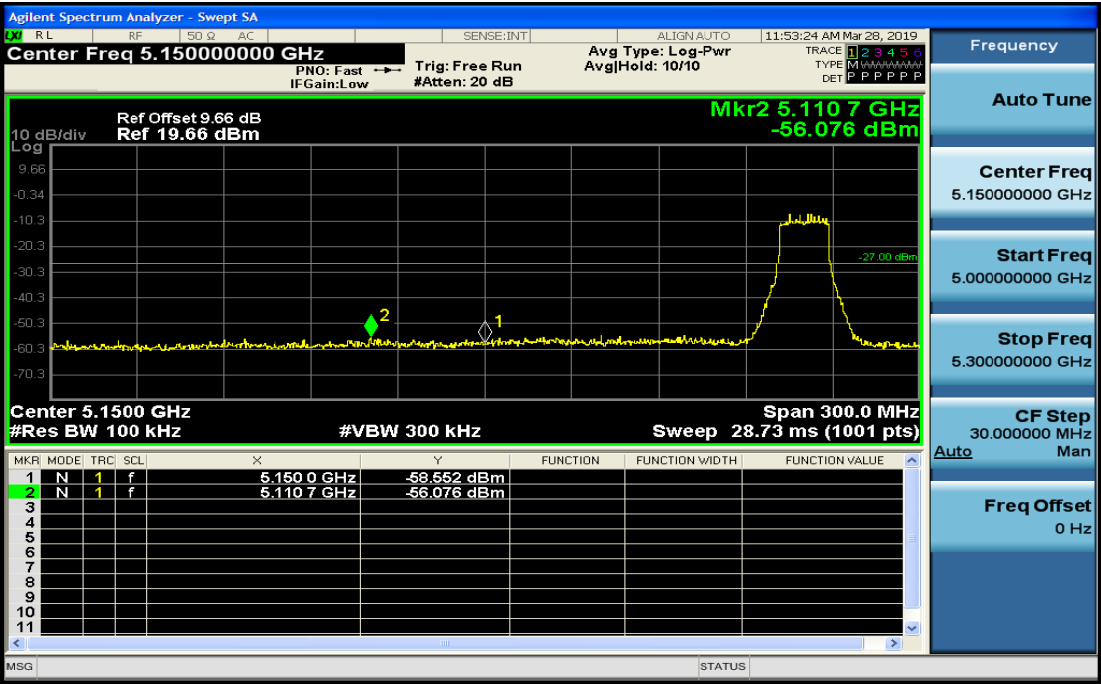
BandEdges(IEEE802.11acHT20mode)
5180MHz



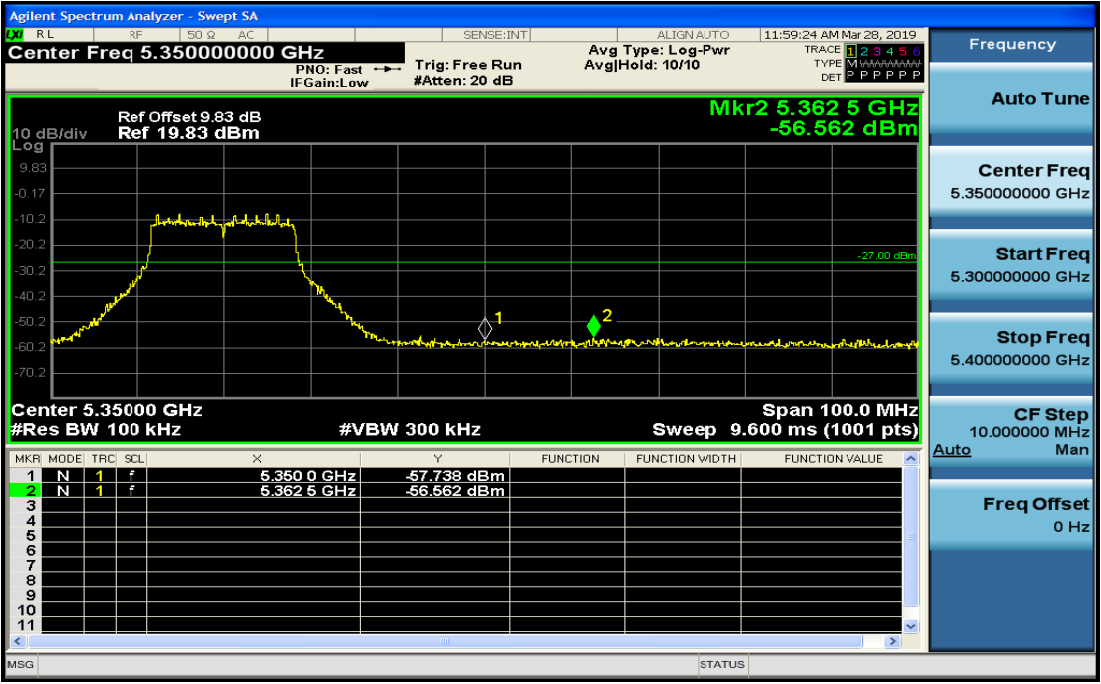
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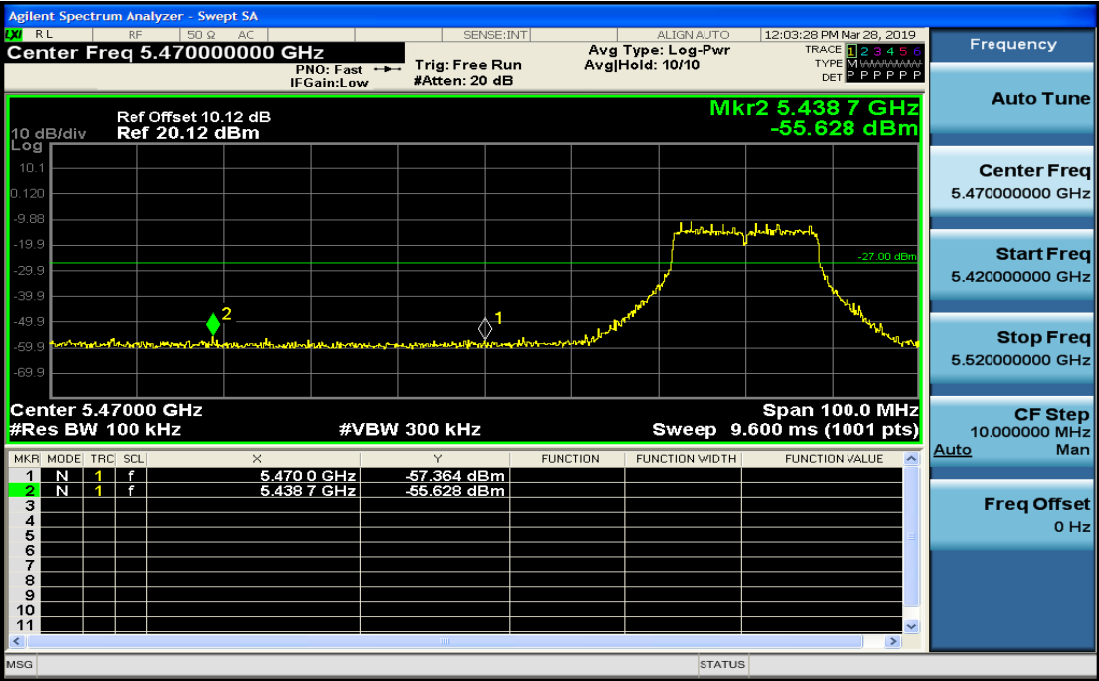
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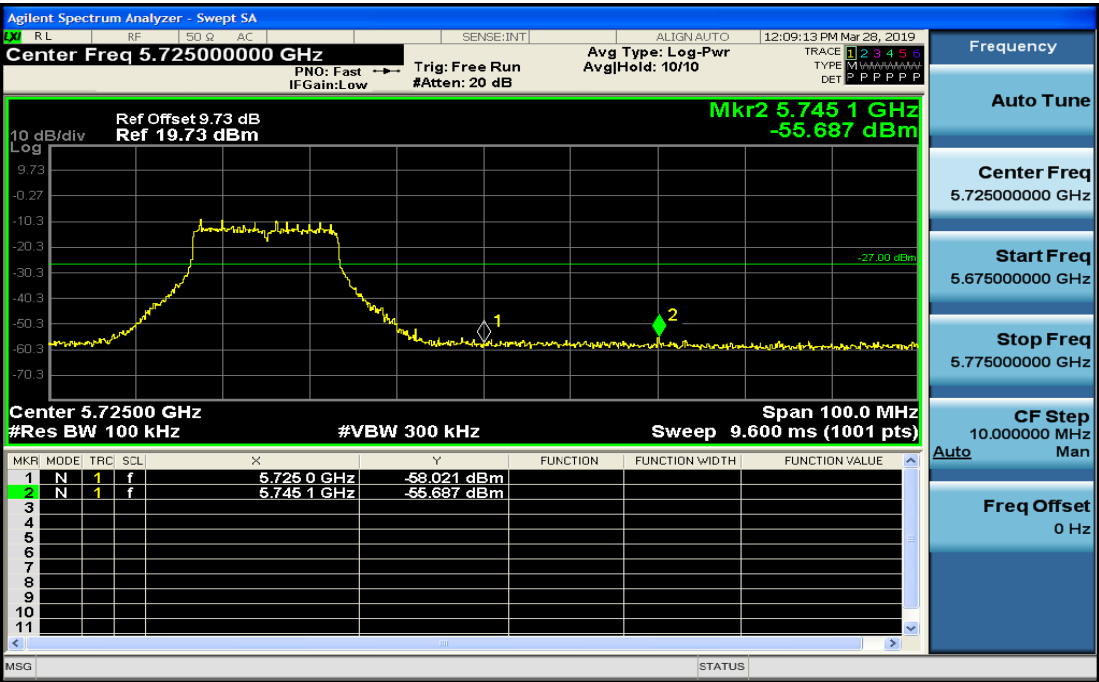
5320MHz



5500MHz

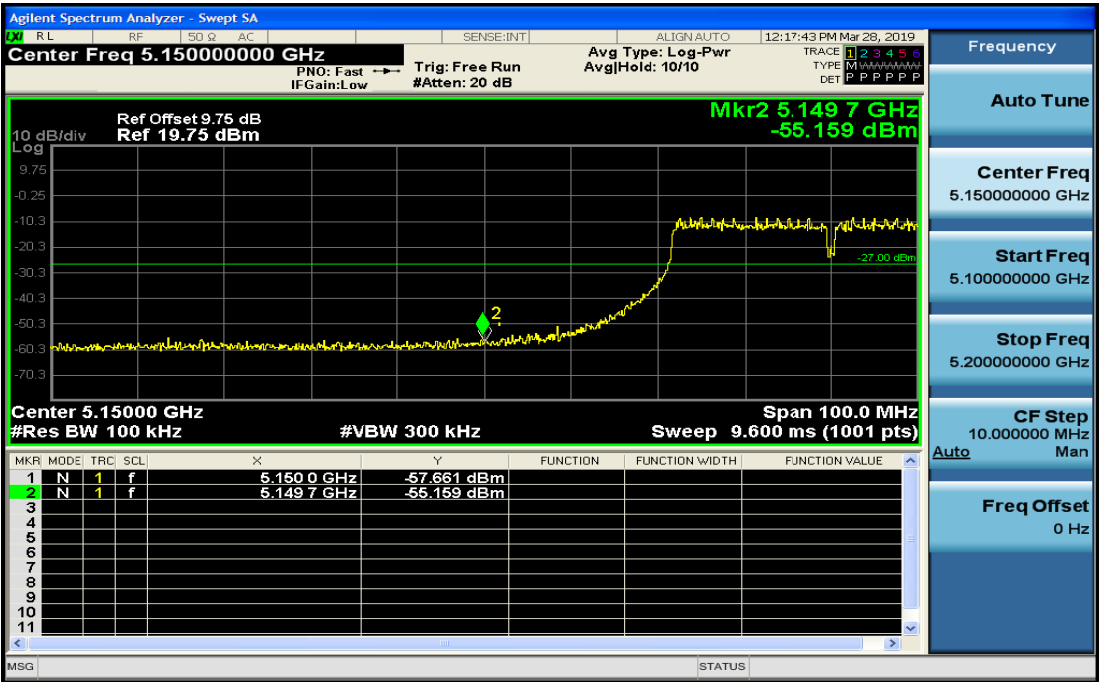


5700MHz

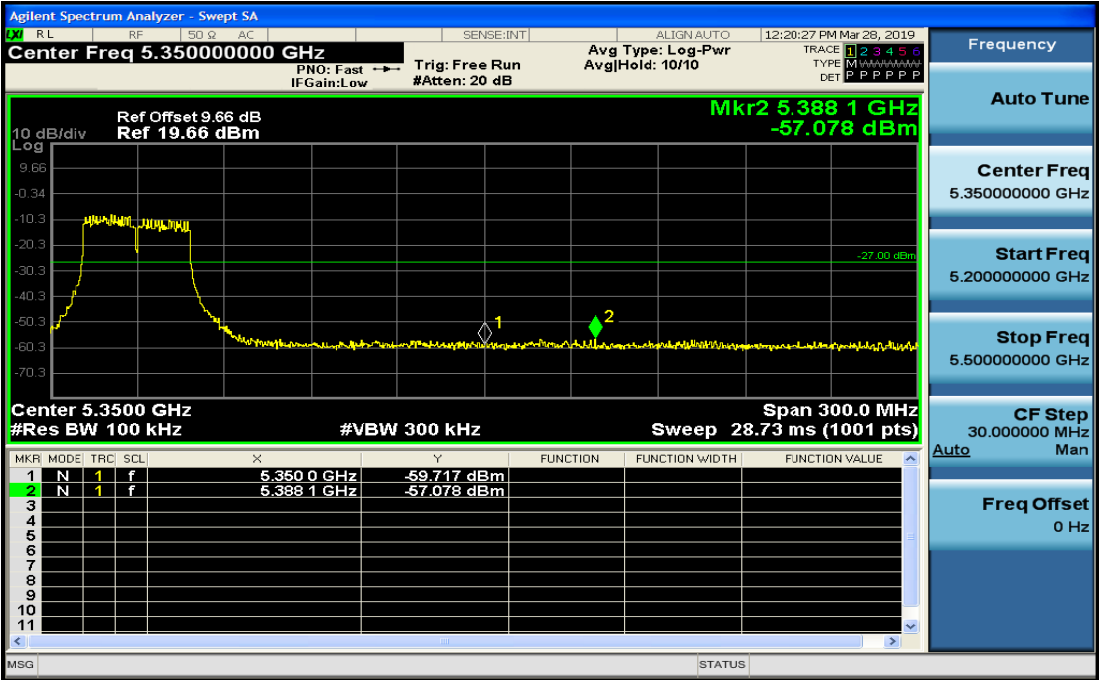


BandEdges(IEEE802.11acHT40mode)

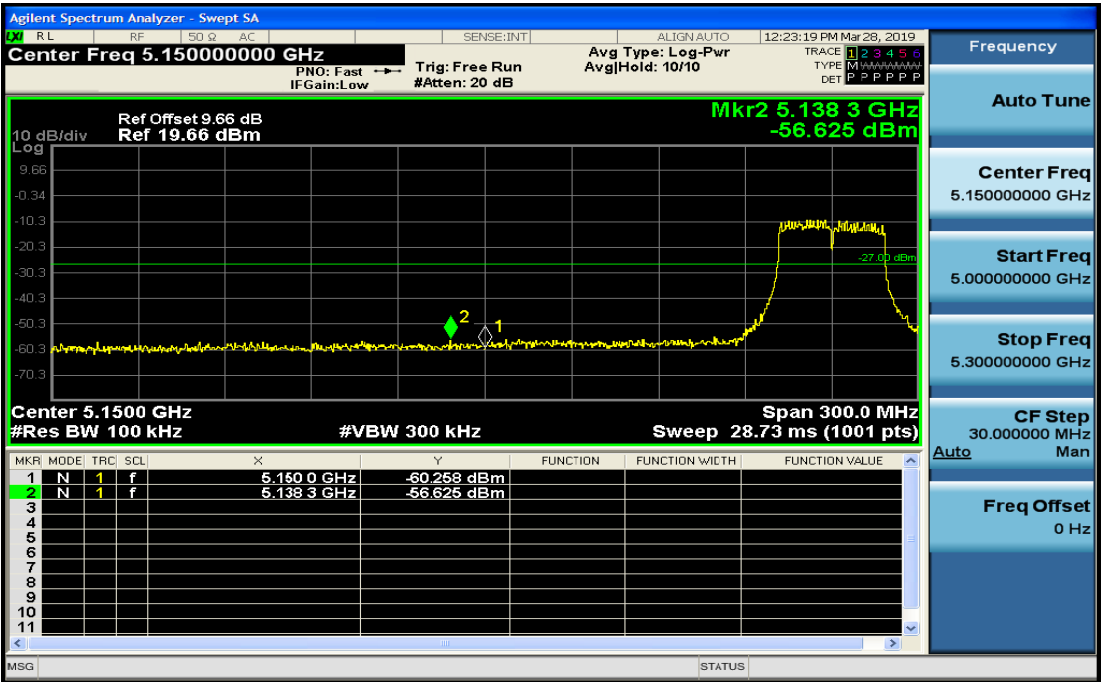
5190MHz



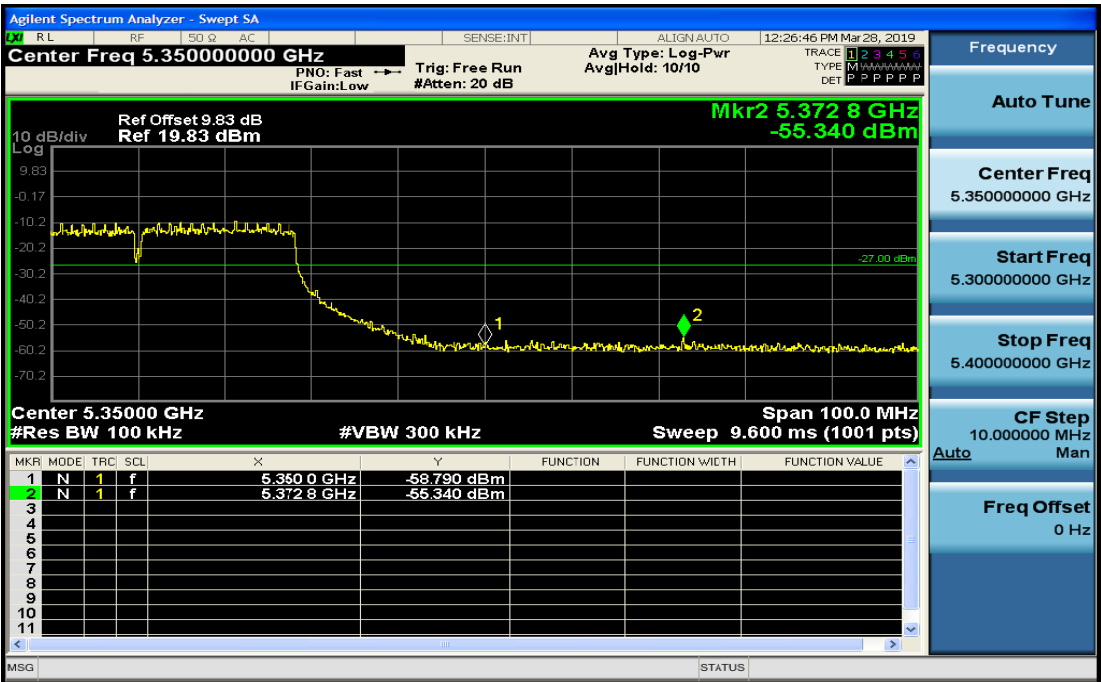
5230MHz



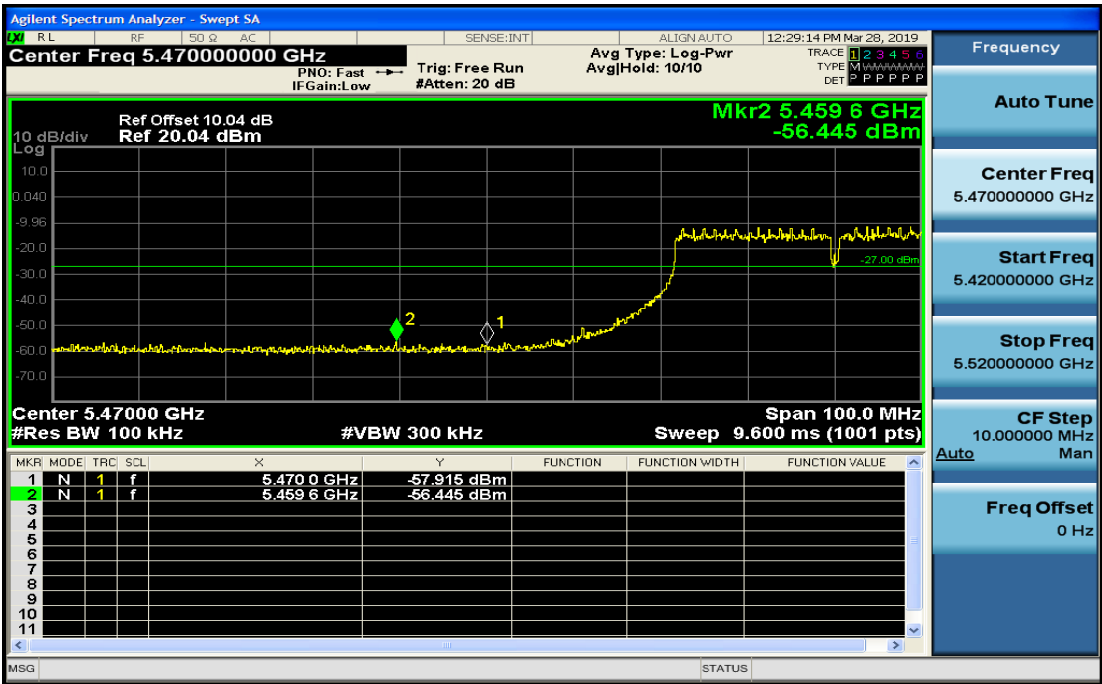
5270MHz



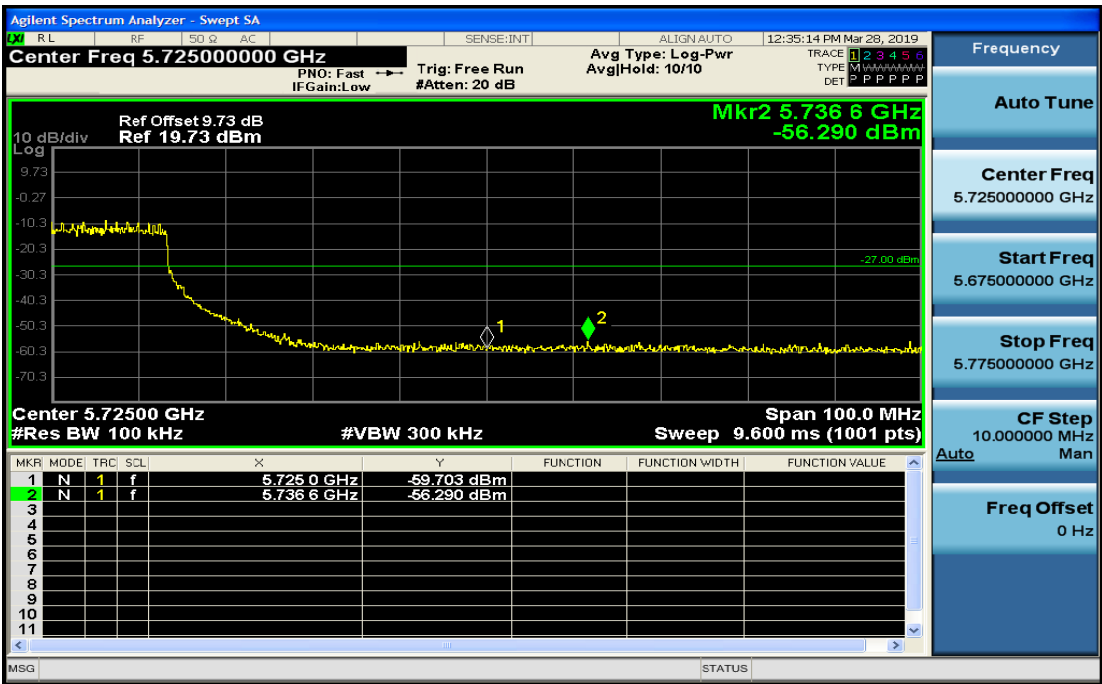
5310MHz



5510MHz

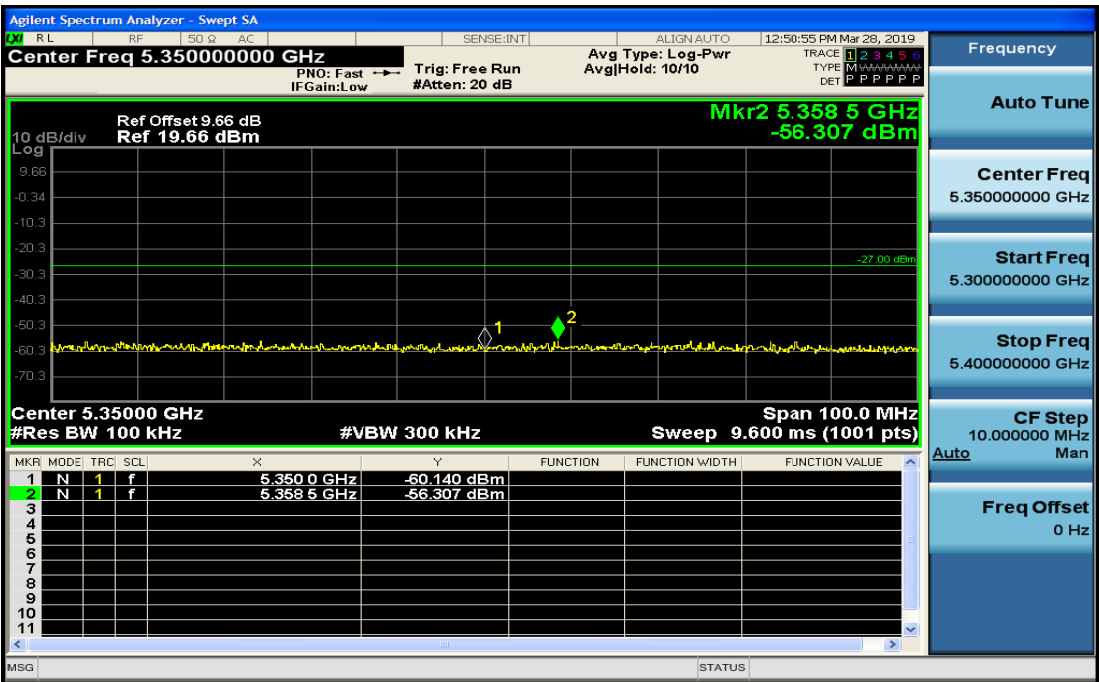


5670MHz

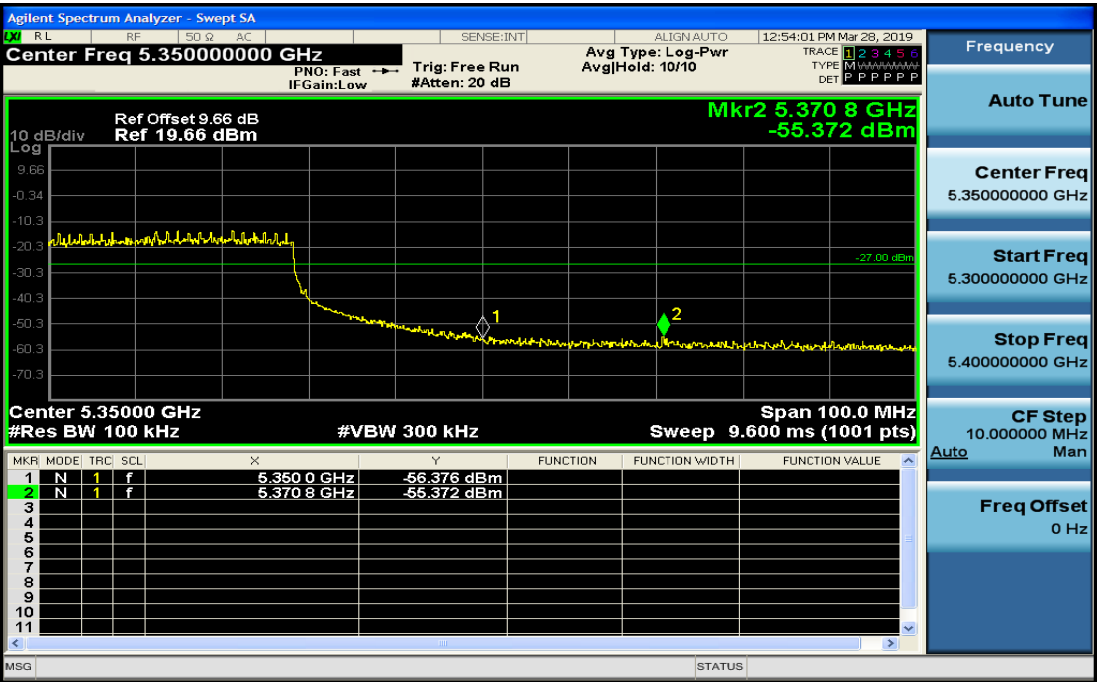


BandEdges(IEEE802.11acHT80mode)

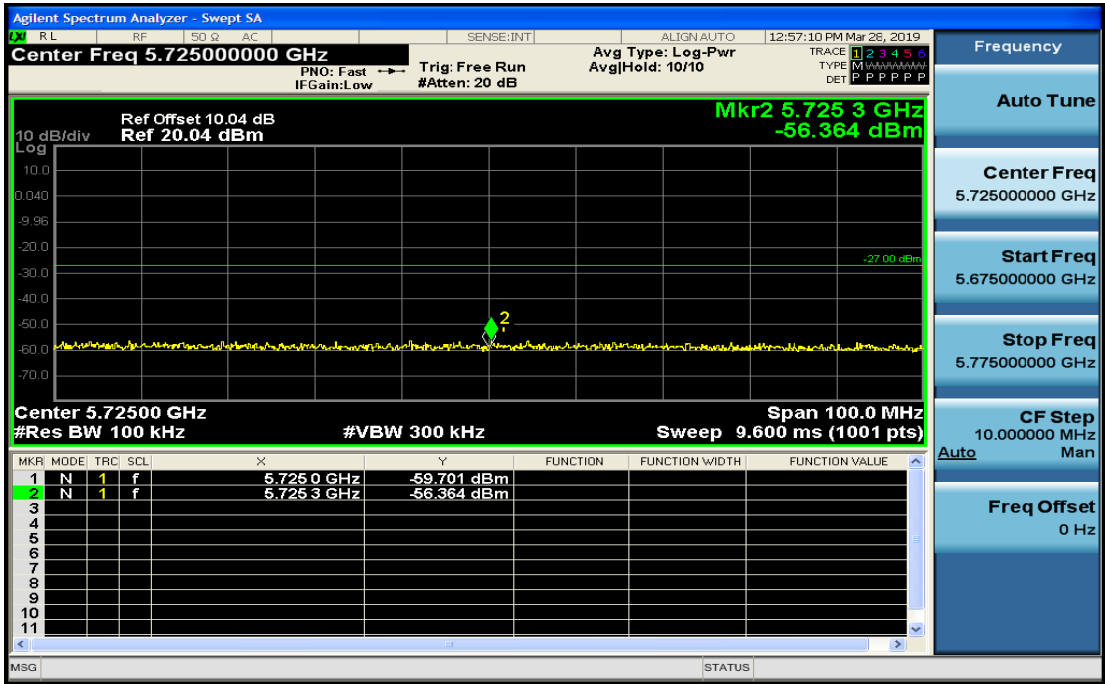
5210MHz



5290MHz



5530MHz



6.5 MAXIMUM POWER SPECTRAL DENSITY

LIMIT

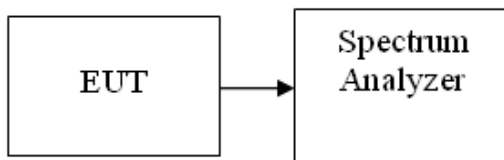
According to §15.407(a),

For mobile and portable client devices in the 5.5-5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band

If transmitting antennas of directional gain greater than 6dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Test Configuration



TEST PROCEDURE

8. Place the EUT on the table and set it in transmitting mode.
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
9. Set the spectrum analyzer as RBW = 1MHz, VBW = 3MHz, Span must be greater than 26dB bandwidth, adjust as necessary, Sweep= auto, Detector RMS
10. Record the max. reading.

TEST RESULTS

No non-compliance noted

Test Data

Testmode:IEEE802.11amode5150~5250MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5180	1.02	0.43	/	11.00	PASS
Mid	5220	0.36	0.82	/	11.00	PASS
High	5240	-0.82	-0.99	/	11.00	PASS

5250~5350MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5260	-1.28	-0.93	/	11.00	PASS
Mid	5280	-1.95	-1.79	/	11.00	PASS
High	5320	-2.38	-1.11	/	11.00	PASS

5470~5725MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5500	-5.17	-4.63	/	11.00	PASS
Mid	5580	-3.57	-2.75	/	11.00	PASS
High	5700	-4.12	-3.56	/	11.00	PASS

Testmode:IEEE802.11nHT20MHzmode**5150~5250MHz**

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5180	0.39	1.07	3.754	11.00	PASS
Mid	5220	0.38	1.23	3.836	11.00	PASS
High	5240	-0.67	-0.96	2.198	11.00	PASS

5250~5350MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5260	0.04	-0.26	2.903	11.00	PASS
Mid	5280	-0.98	-1.03	2.005	11.00	PASS
High	5320	-0.76	-0.97	2.147	11.00	PASS

5470~5725MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5500	-3.69	-5.13	-1.340	11.00	PASS
Mid	5580	-2.93	-3.85	-0.355	11.00	PASS
High	5700	-4.01	-4.29	-1.137	11.00	PASS

Testmode:IEEE802.11nHT40MHzmode5150~5250MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5190	6.22	-0.29	7.096	11.00	PASS
High	5230	0.72	0.05	3.408	11.00	PASS

5250~5350MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5270	-1.68	-1.56	1.391	11.00	PASS
High	5310	-0.45	-1.44	2.093	11.00	PASS

5470~5725MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5510	-2.17	-2.70	0.583	11.00	PASS
Mid	5550	-2.25	-2.93	0.434	11.00	PASS
High	5670	-1.57	-1.38	1.536	11.00	PASS

Testmode:IEEE802.11acHT20MHzmode**5150~5250MHz**

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5180	0.67	-0.03	3.344	11.00	PASS
Mid	5220	1.13	0.38	3.781	11.00	PASS
High	5240	-0.81	-1.53	1.855	11.00	PASS

5250~5350MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5260	-0.92	-1.04	2.031	11.00	PASS
Mid	5280	-1.42	-2.26	1.191	11.00	PASS
High	5320	-1.07	-1.84	1.572	11.00	PASS

5470~5725MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5500	-4.65	-5.25	-1.929	11.00	PASS
Mid	5580	-2.81	-3.77	-0.253	11.00	PASS
High	5700	-2.79	-3.39	-0.069	11.00	PASS

Testmode:IEEE802.11acHT40MHzmode5150~5250MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5190	0.05	0.27	7.096	11.00	PASS
High	5230	-0.27	-0.28	3.408	11.00	PASS

5250~5350MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5270	-0.88	-1.69	1.744	11.00	PASS
High	5310	-1.61	-1.59	1.410	11.00	PASS

5470~5725MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
Low	5510	-2.34	-1.48	1.122	11.00	PASS
Mid	5550	-2.13	-2.72	0.595	11.00	PASS
High	5670	-1.55	-0.86	1.819	11.00	PASS

Testmode:IEEE802.11acHT80MHzmode5150~5250MHz

Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
	5210	-2.37	-3.87	-0.045	11.00	PASS

5250~5350MHz

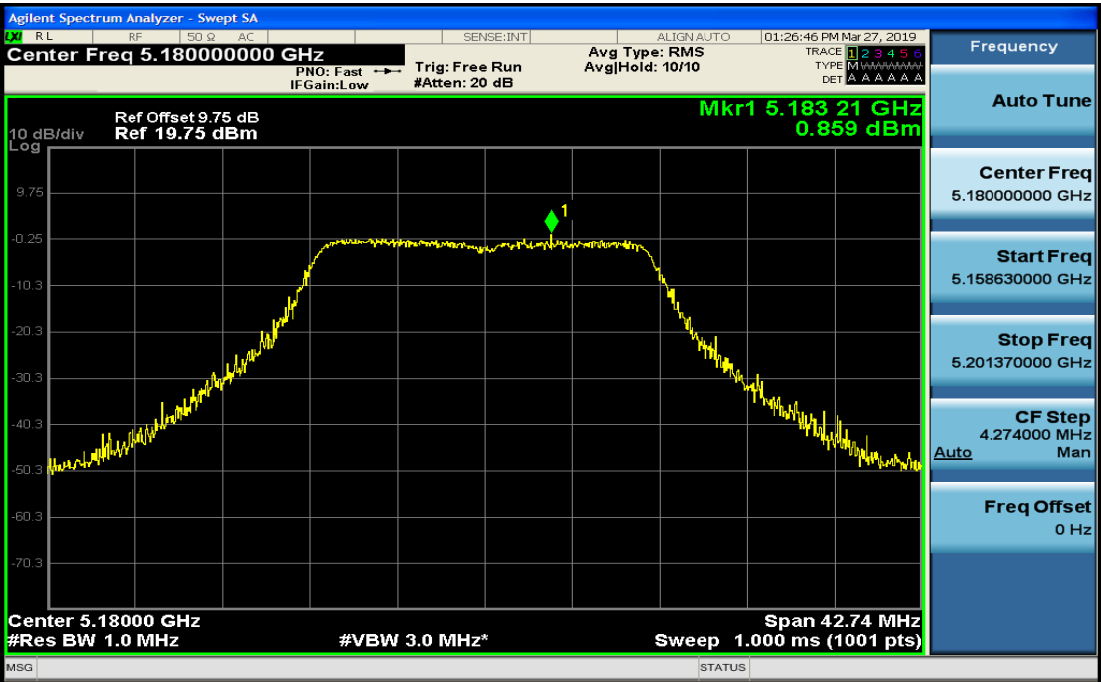
Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
	5290	-4.11	-4.51	-1.295	11.00	PASS

5470~5725MHz

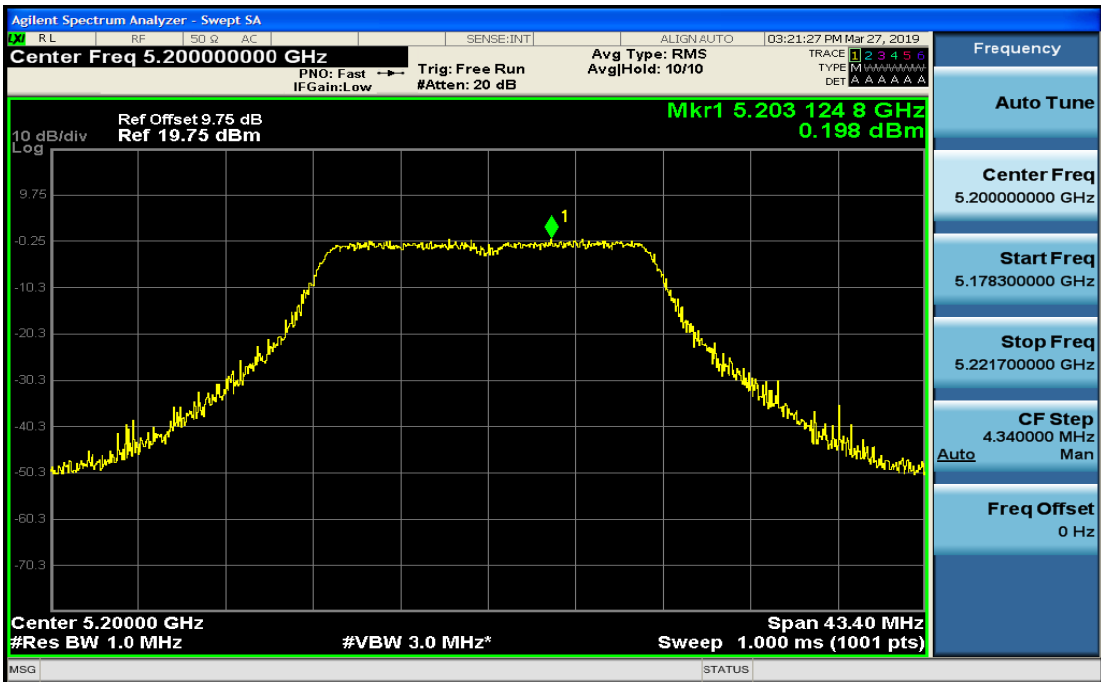
Channel	Frequency (MHz)	PPSD(dBm)		Mimo	Limit(dBm)	Result
		Ant1	Ant2			
	5530	-5.51	-6.05	-2.761	11.00	PASS

Note:Dutyfactor hasbeenoffsetedwithcableloss

TestPlot
Antenna 1
IEEE802.11a mode:
5150~5250MHz
CHLow



CHMid

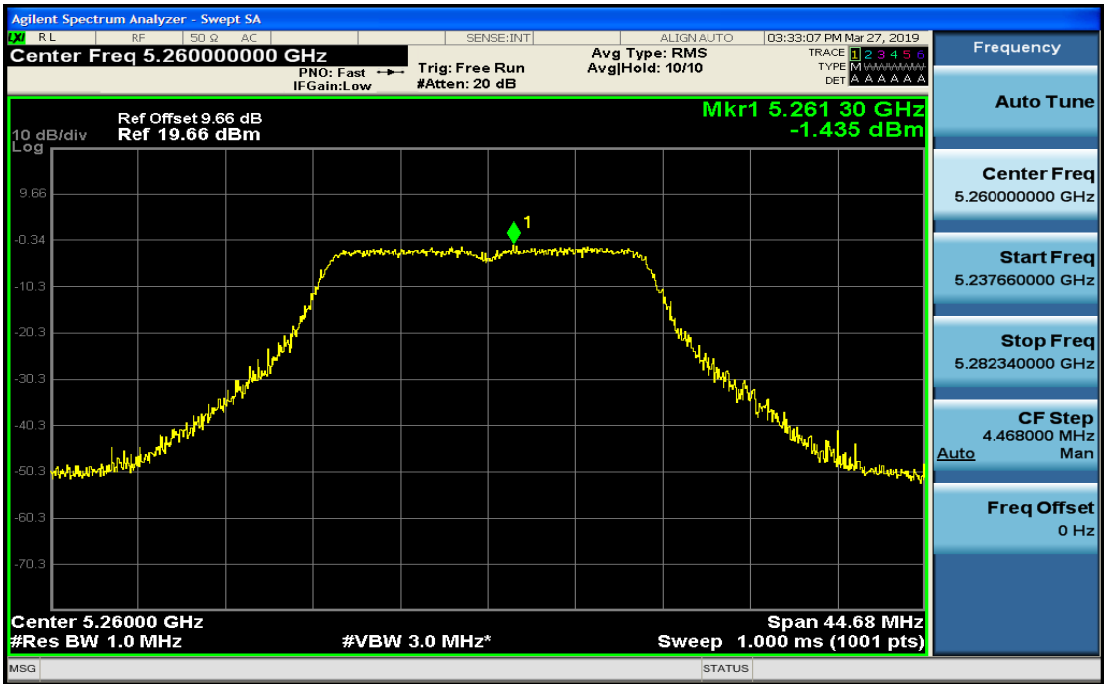


CHHigh

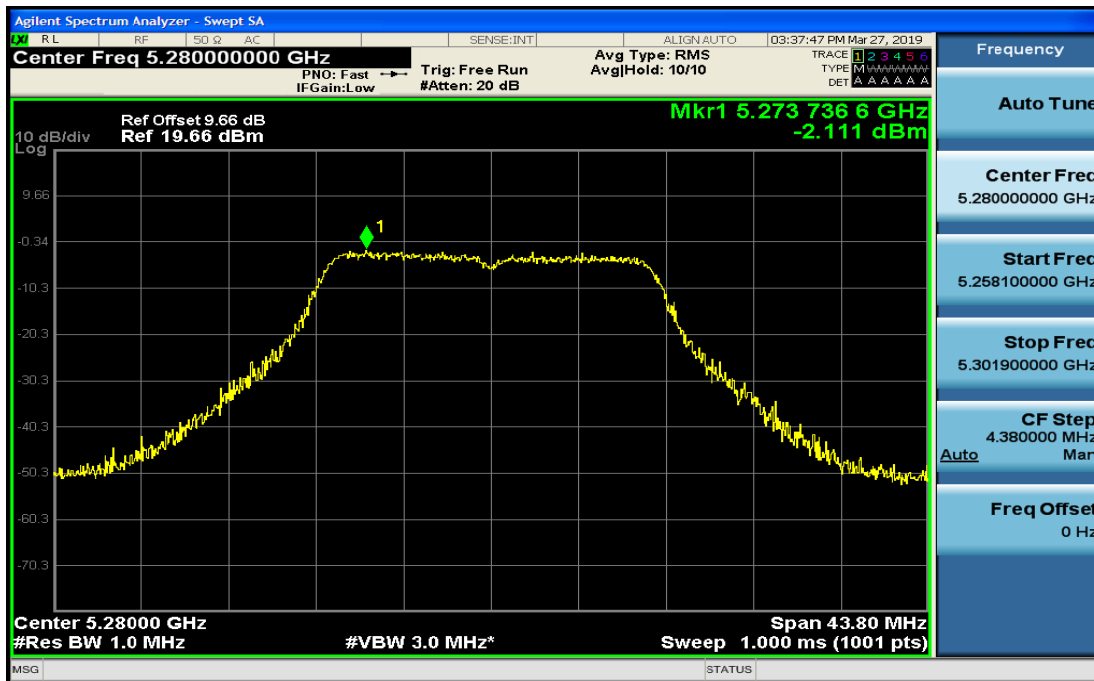


5250~5350MHz

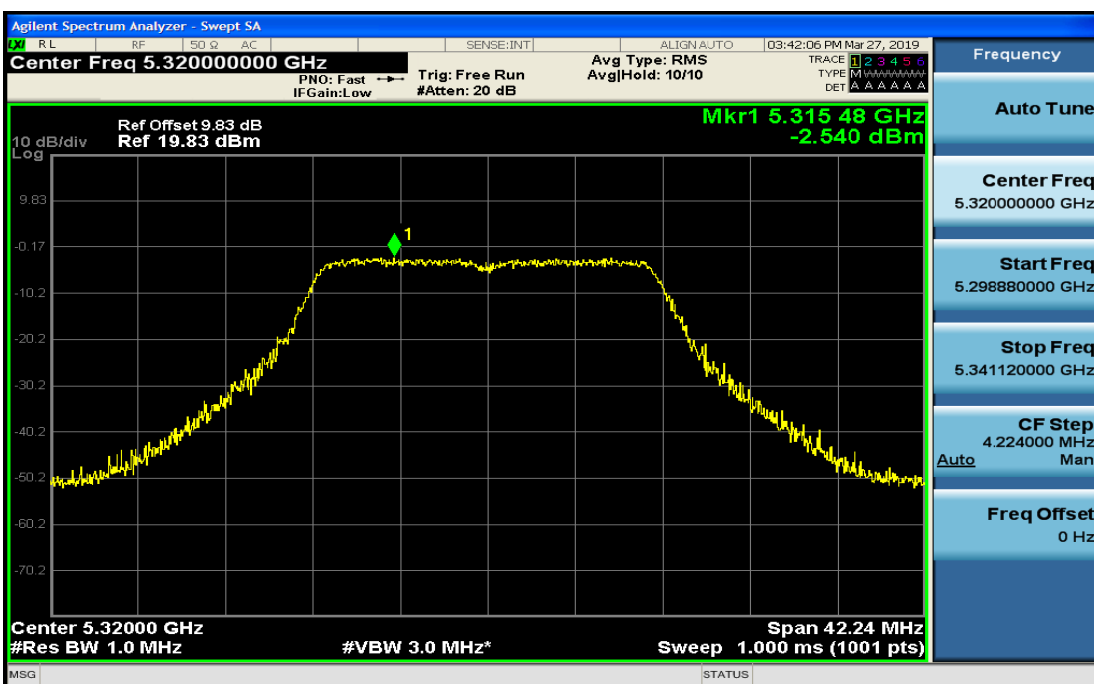
CHLow



CHMid

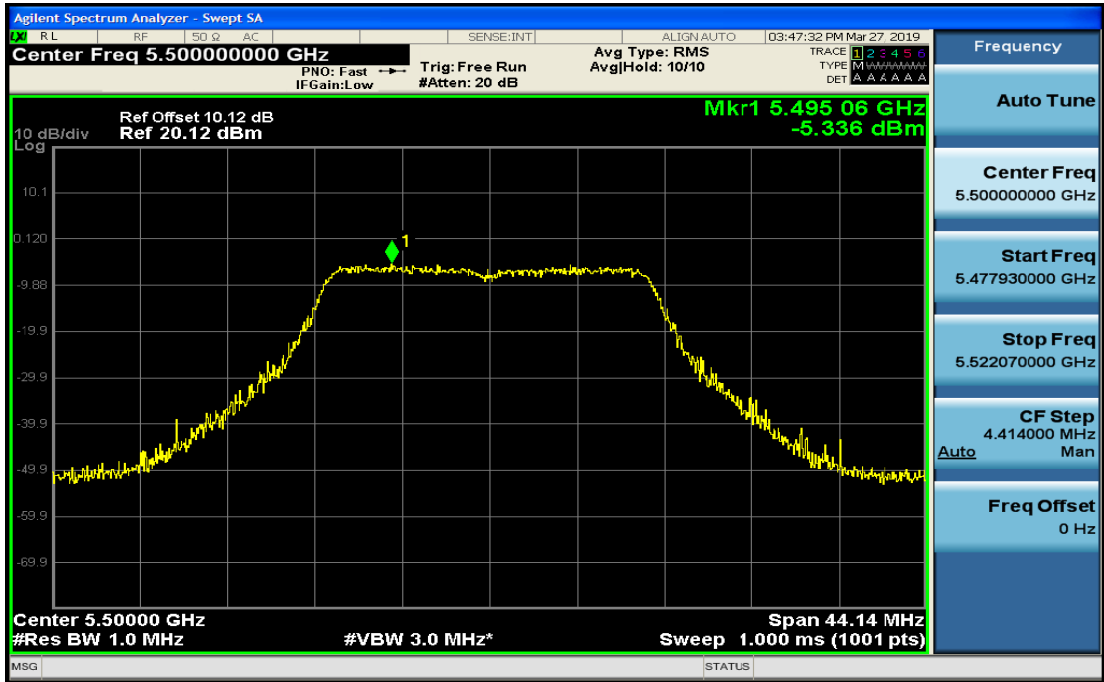


CHHigh

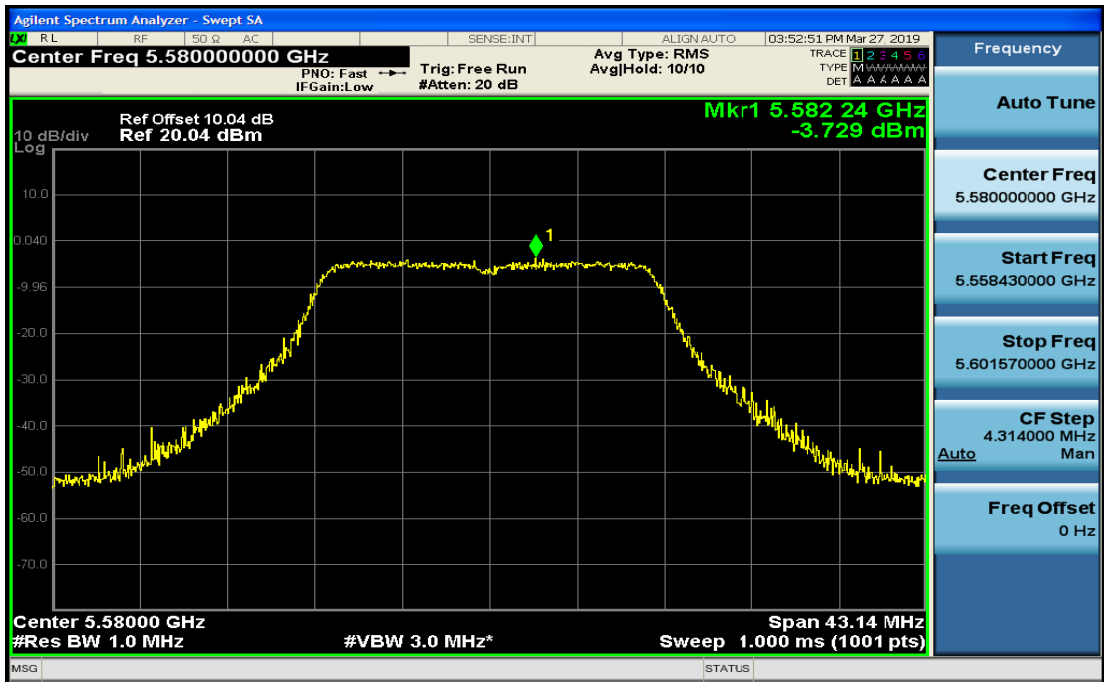


5470~5725MHz

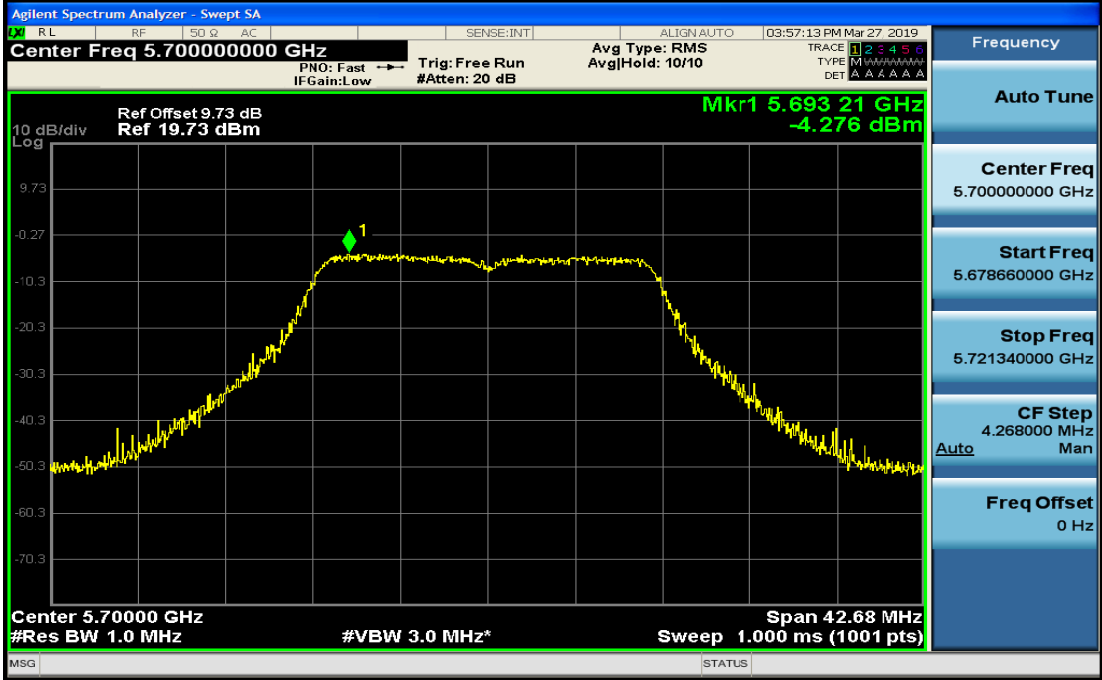
CHLow



CHMid

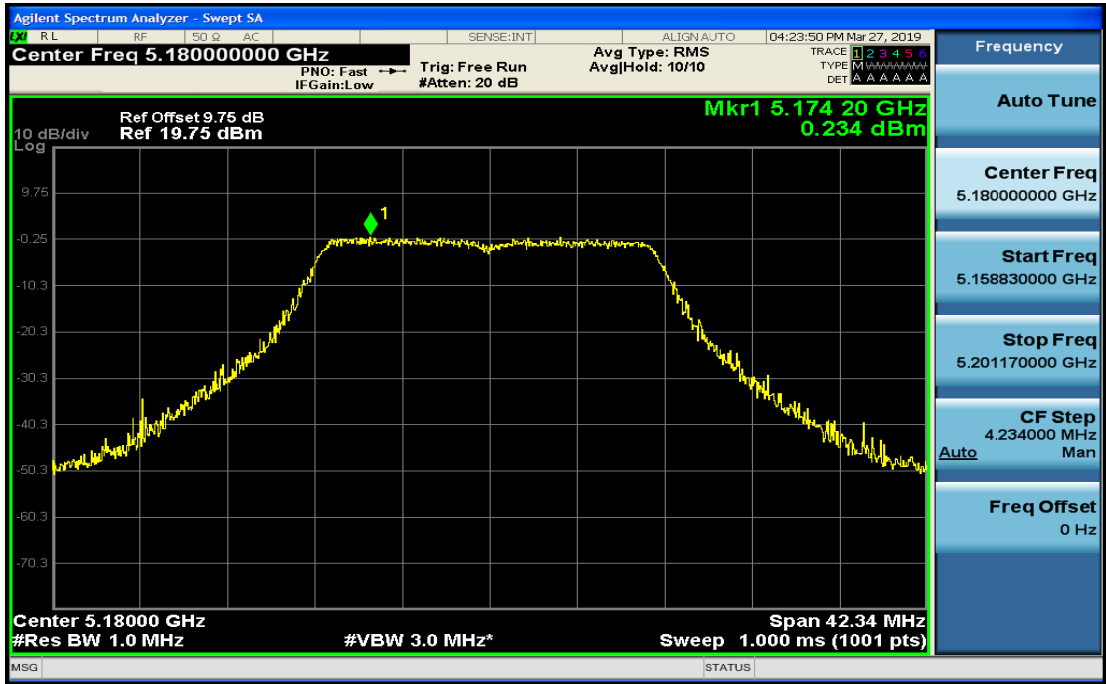


CHHigh

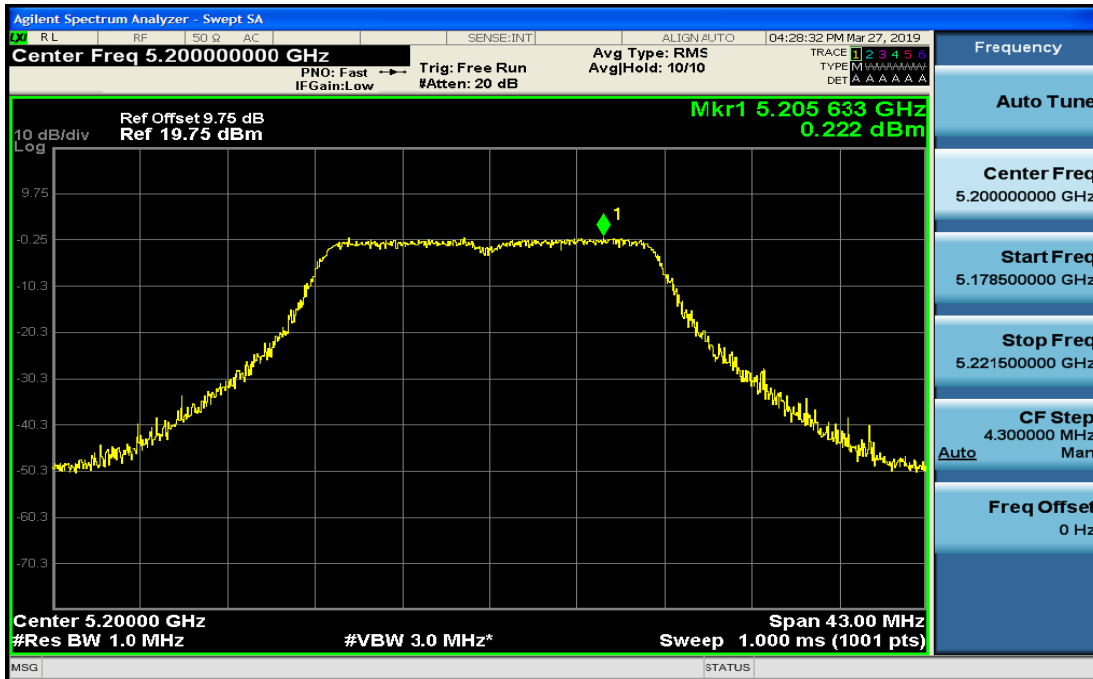


IEEE802.11nHT20mode
5150~5250MHz

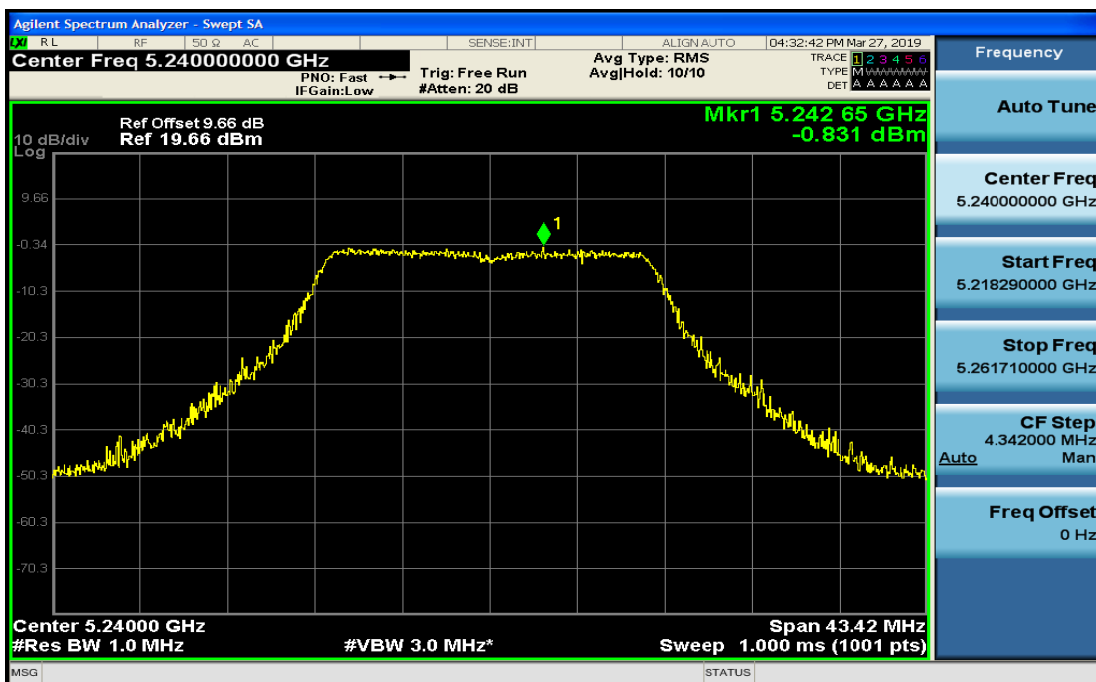
CHLow



CHMid

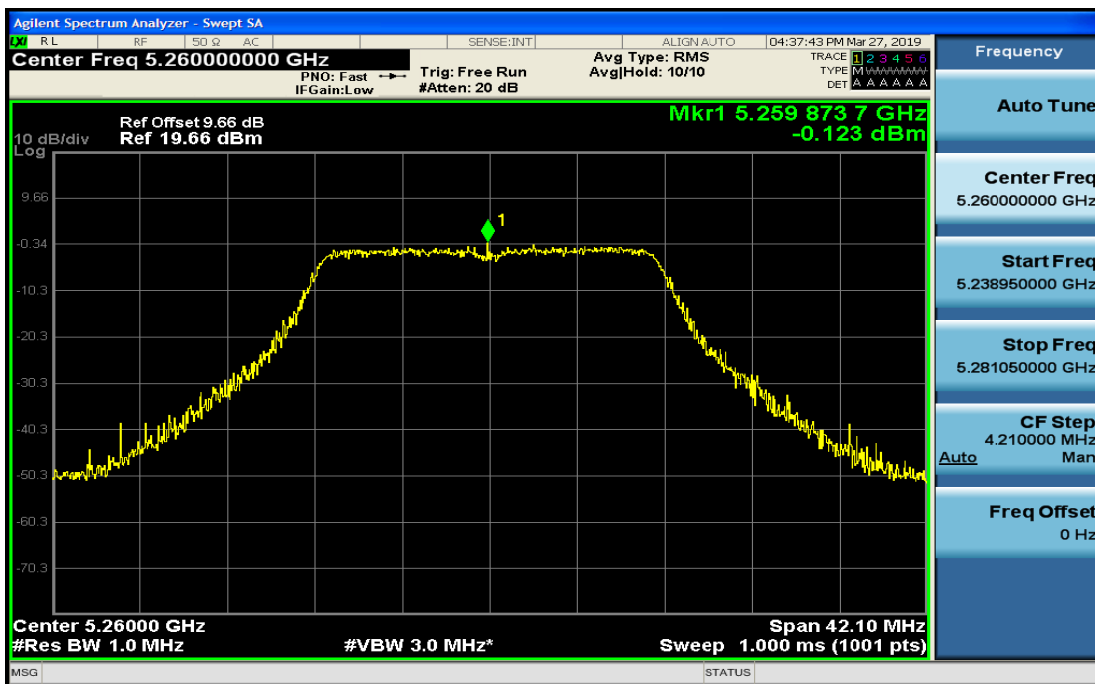


CHHigh

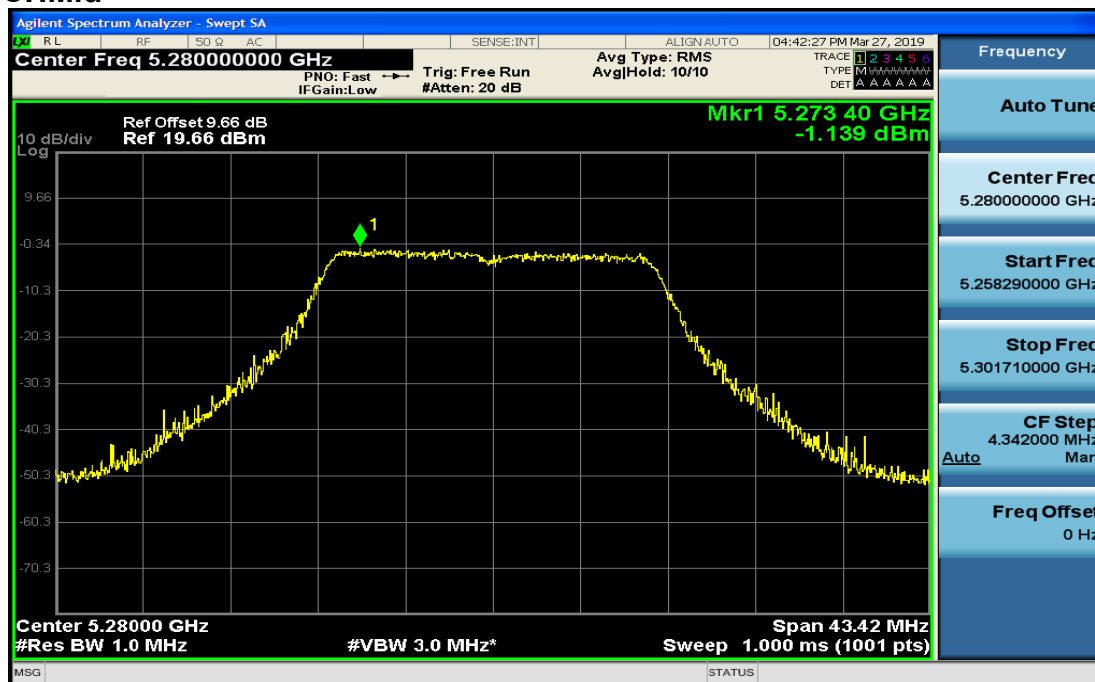


5250~5350MHz

CHLow



CHMid

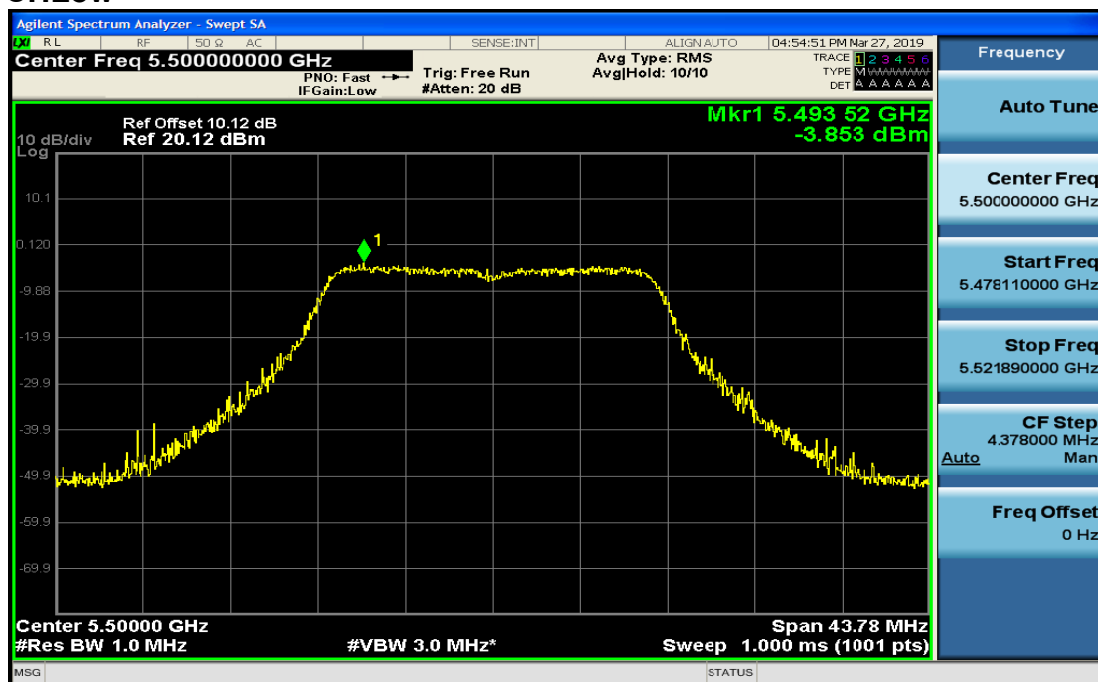


CHHigh



5470~5725MHz

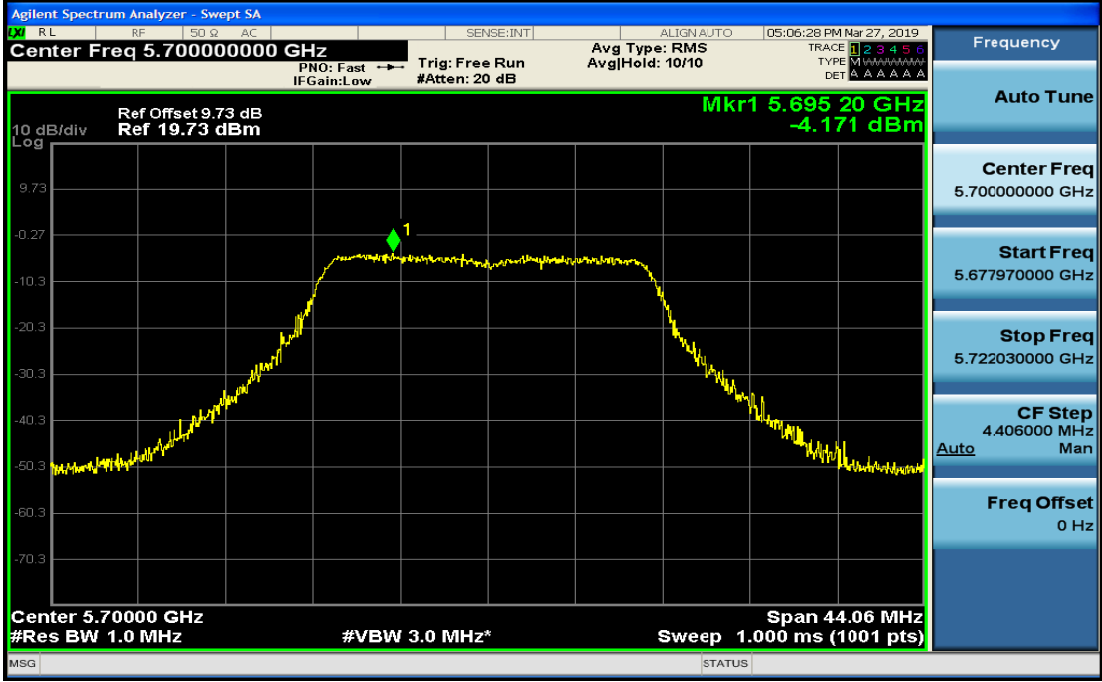
CHLow



CHMid



CHHigh



IEEE802.11nHT40mode
5150~5250MHz

CHLow



CHHigh



5250~5350MHz

CHLow



CHHigh



5470~5725MHz

CHLow



CHMid

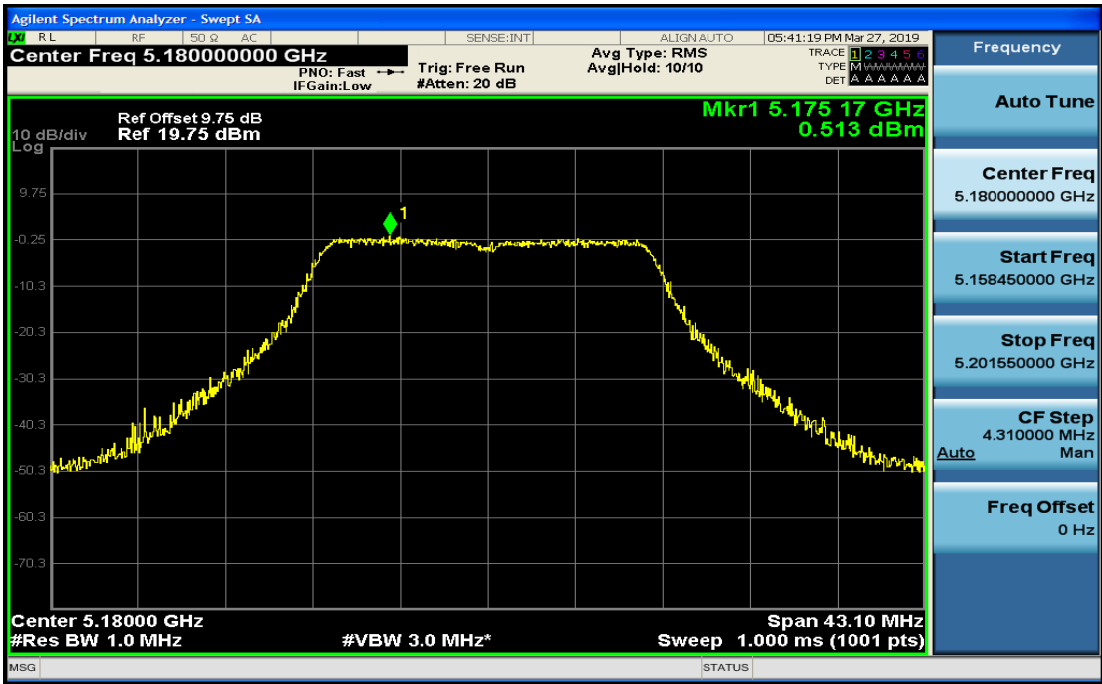


CH High

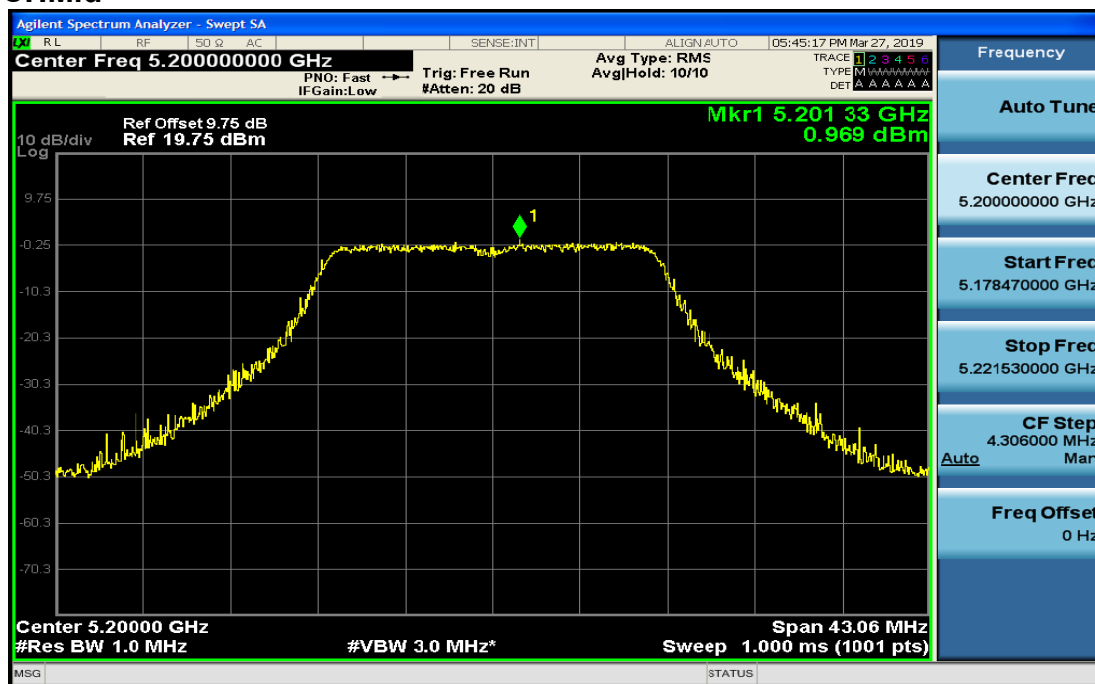


IEEE802.11ac HT20mode
5150~5250MHz

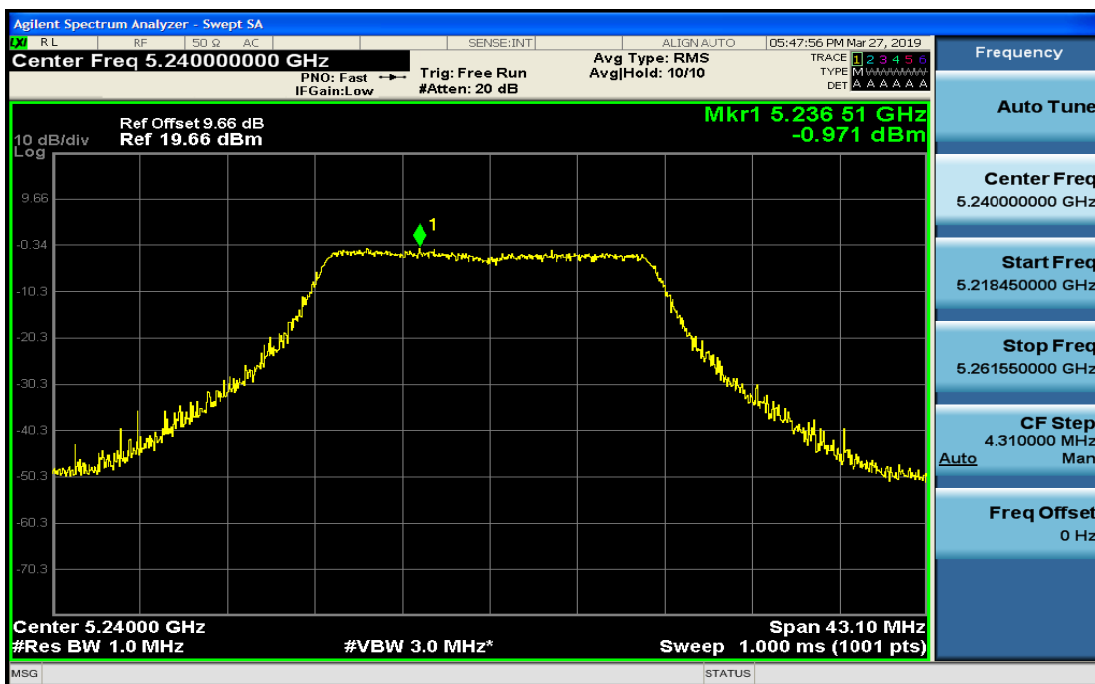
CHLow



CHMid

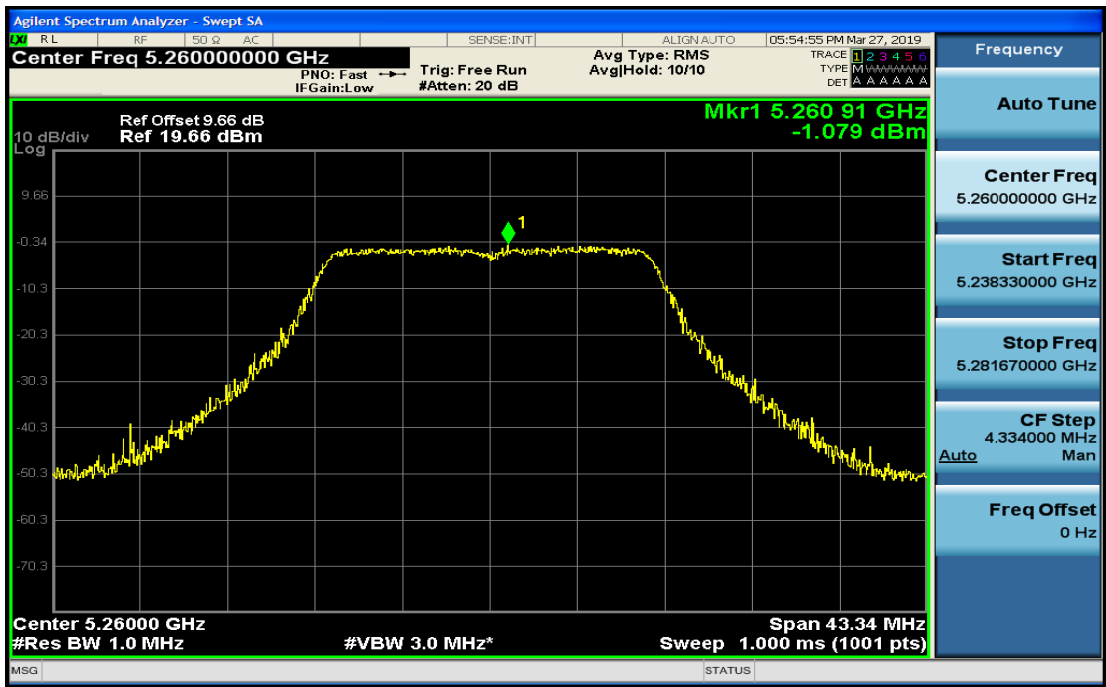


CHHigh

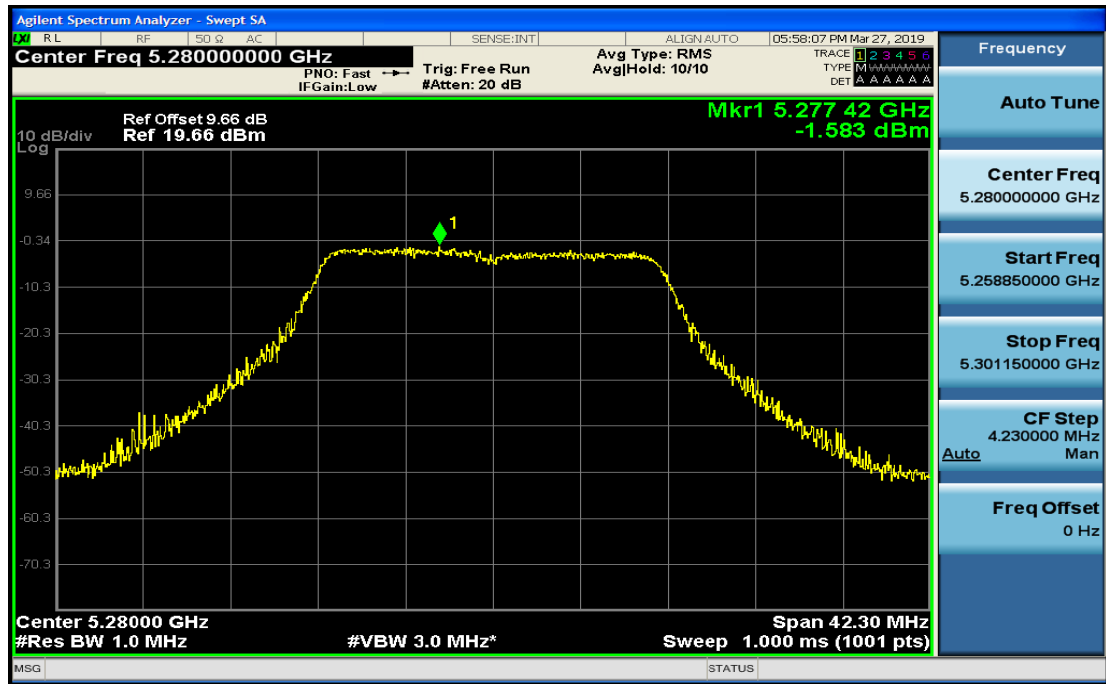


5250~5350MHz

CHLow



CHMid

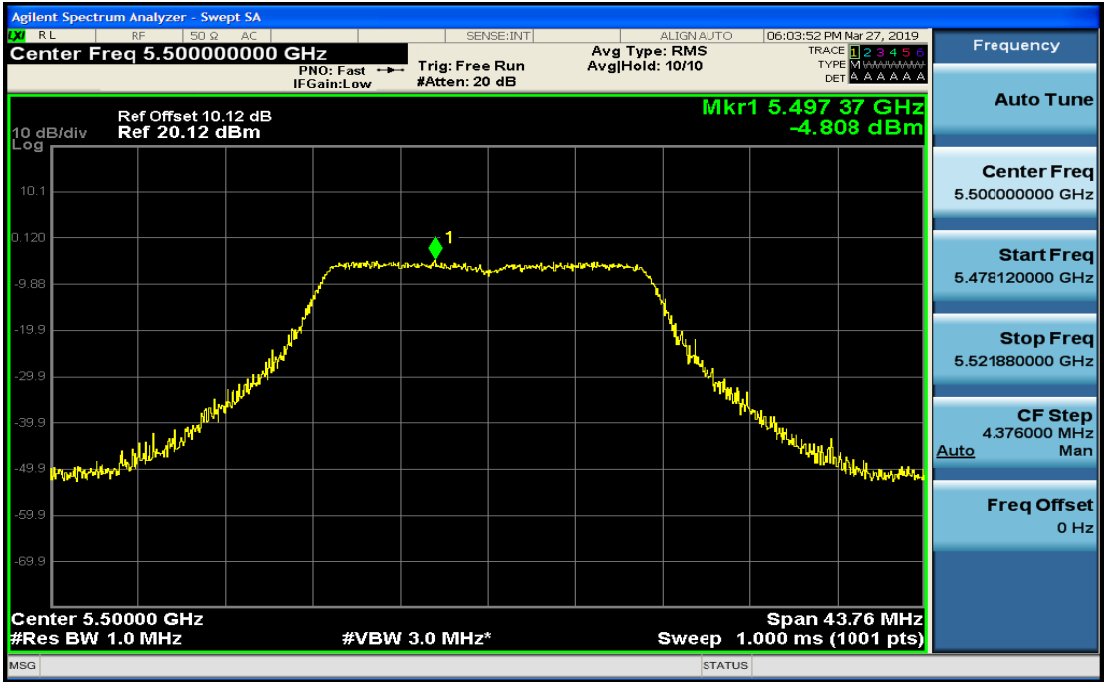


CHHigh

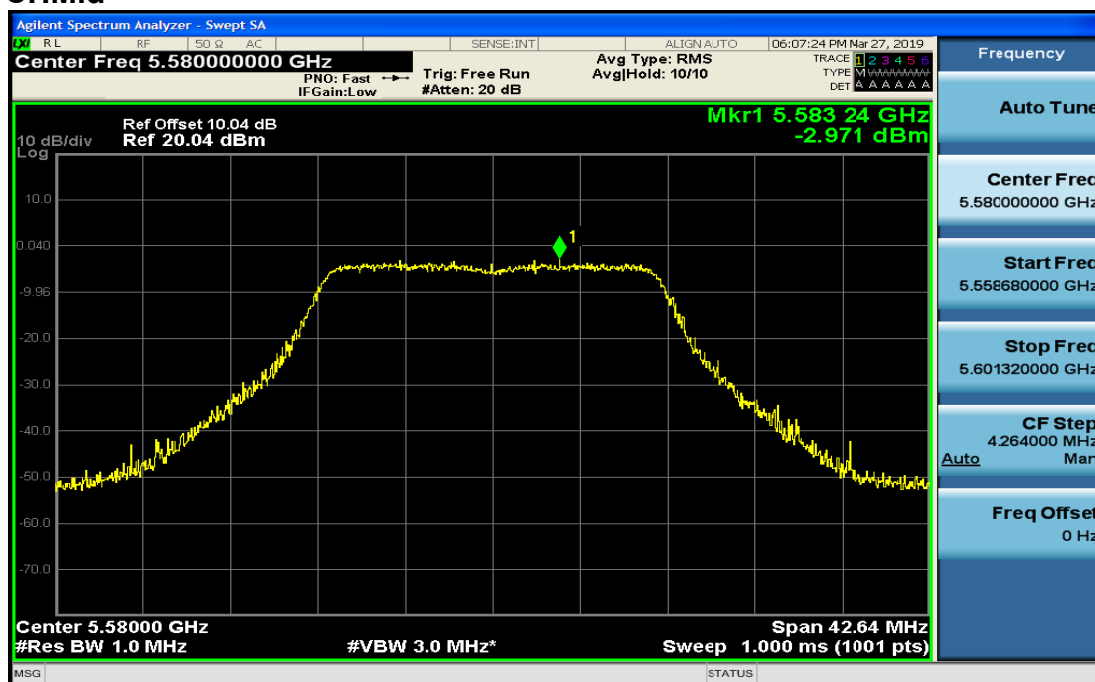


5470~5725MHz

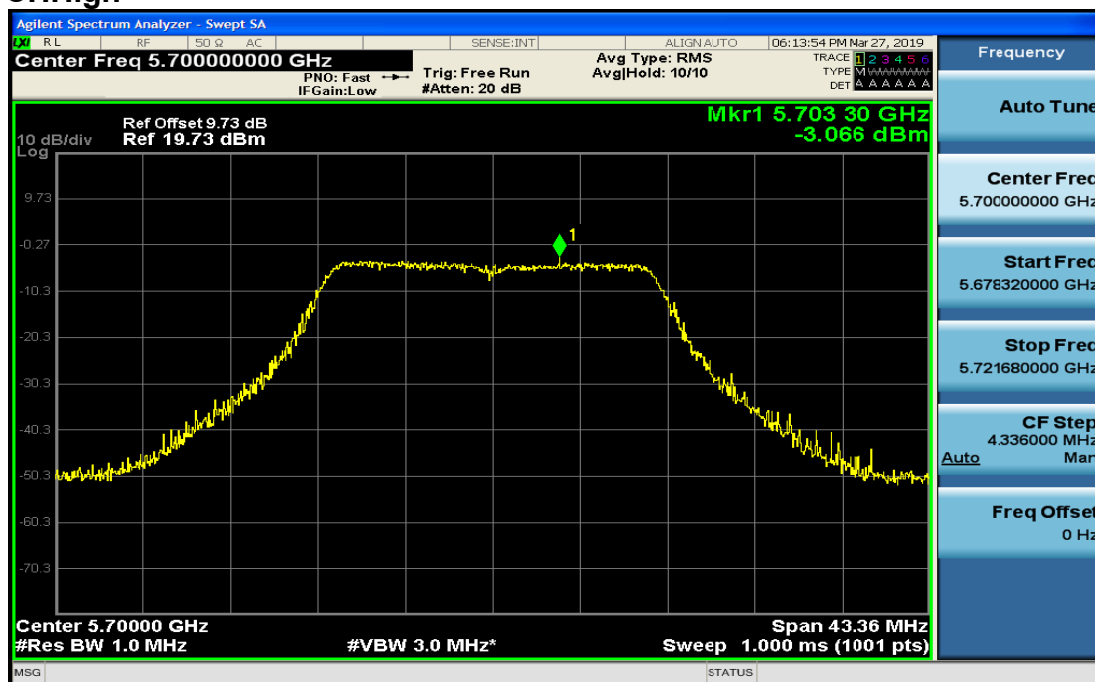
CHLow



CHMid



CHHigh



IEEE802.11nHT40mode
5150~5250MHz

CHLow

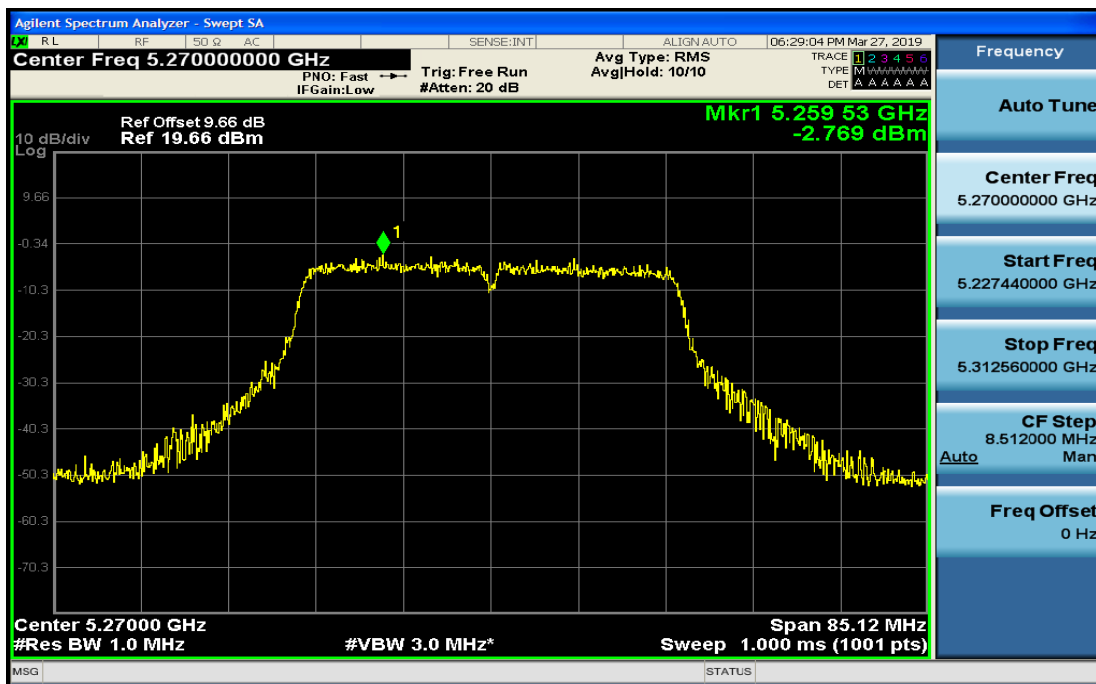


CHHigh

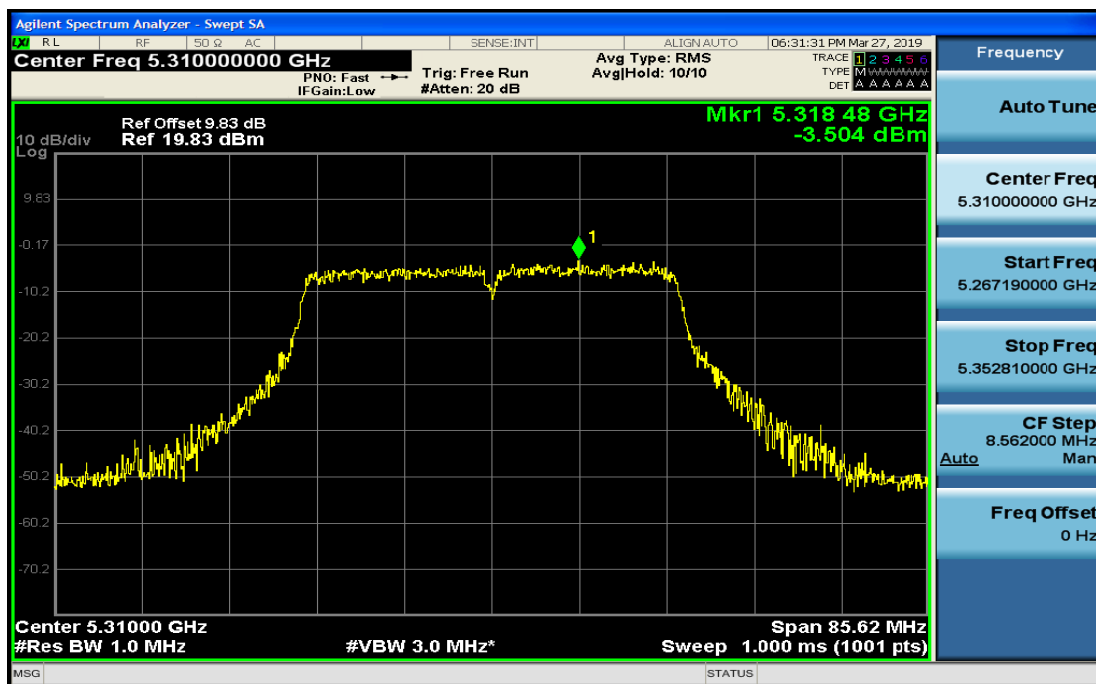


5250~5350MHz

CHLow

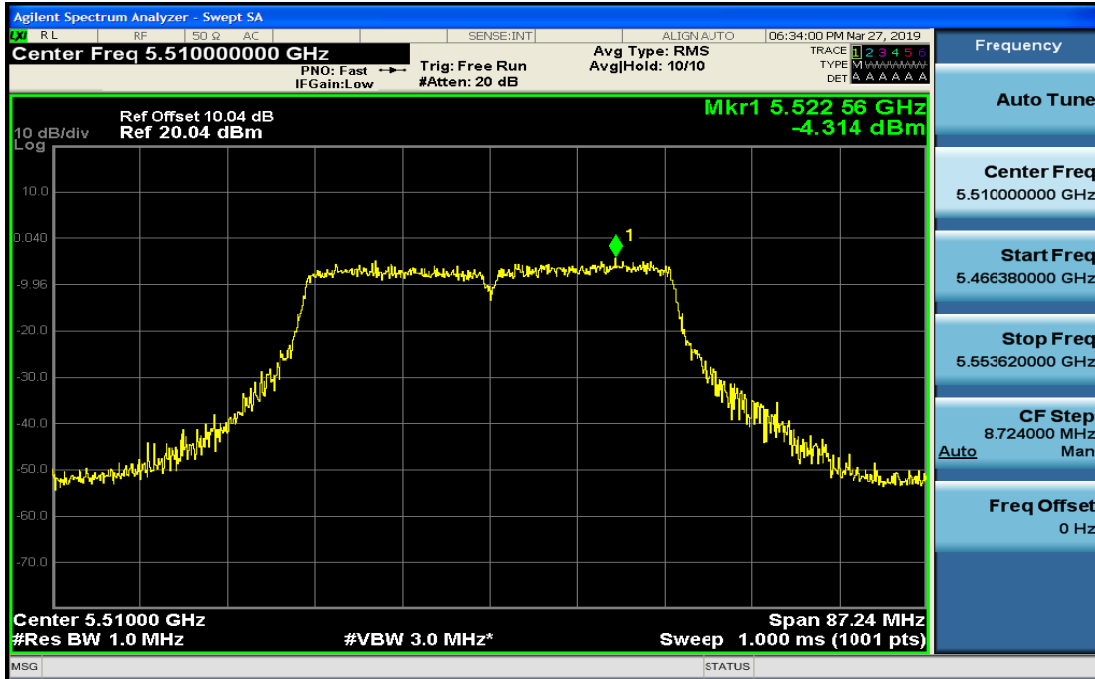


CHHigh

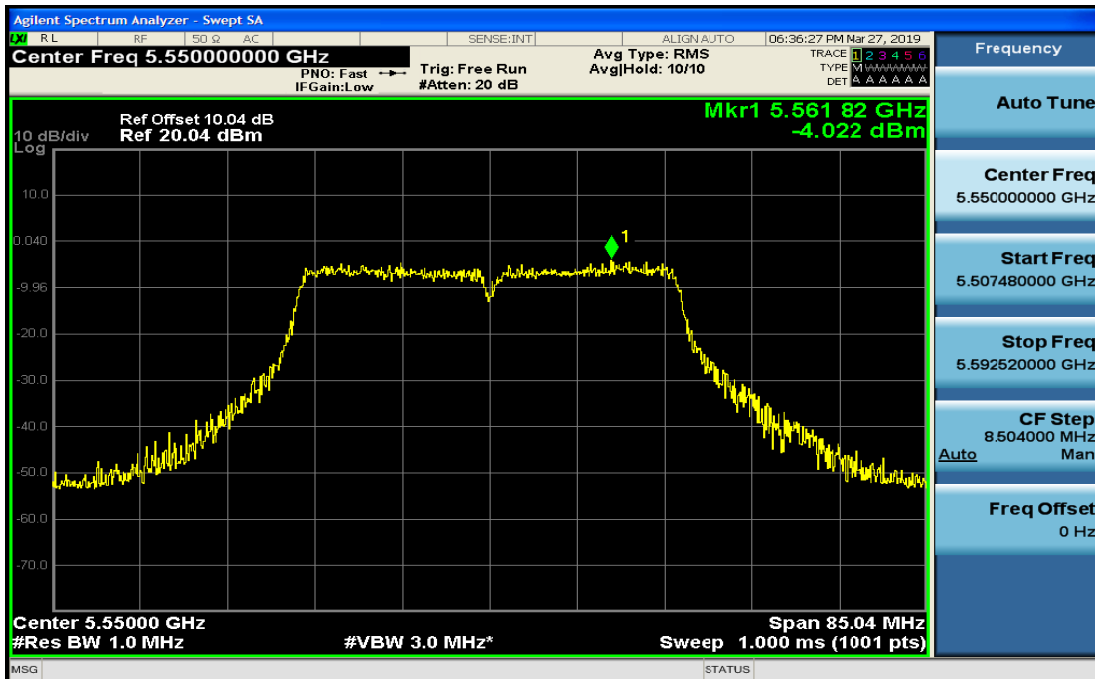


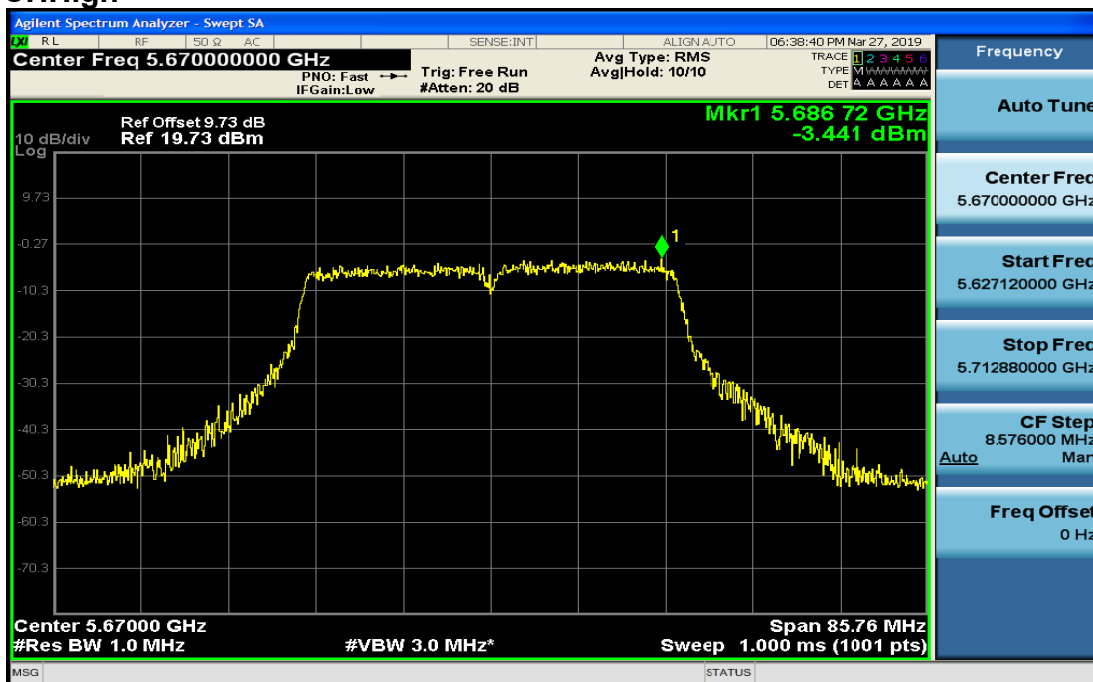
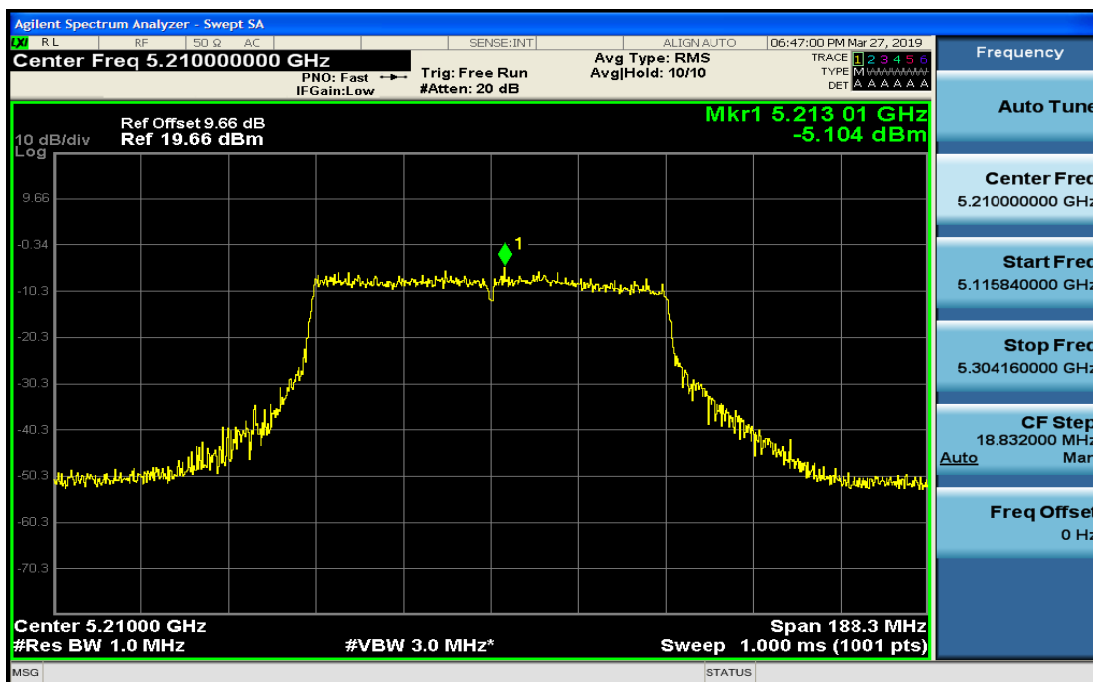
5470~5725MHz

CHLow



CHMid

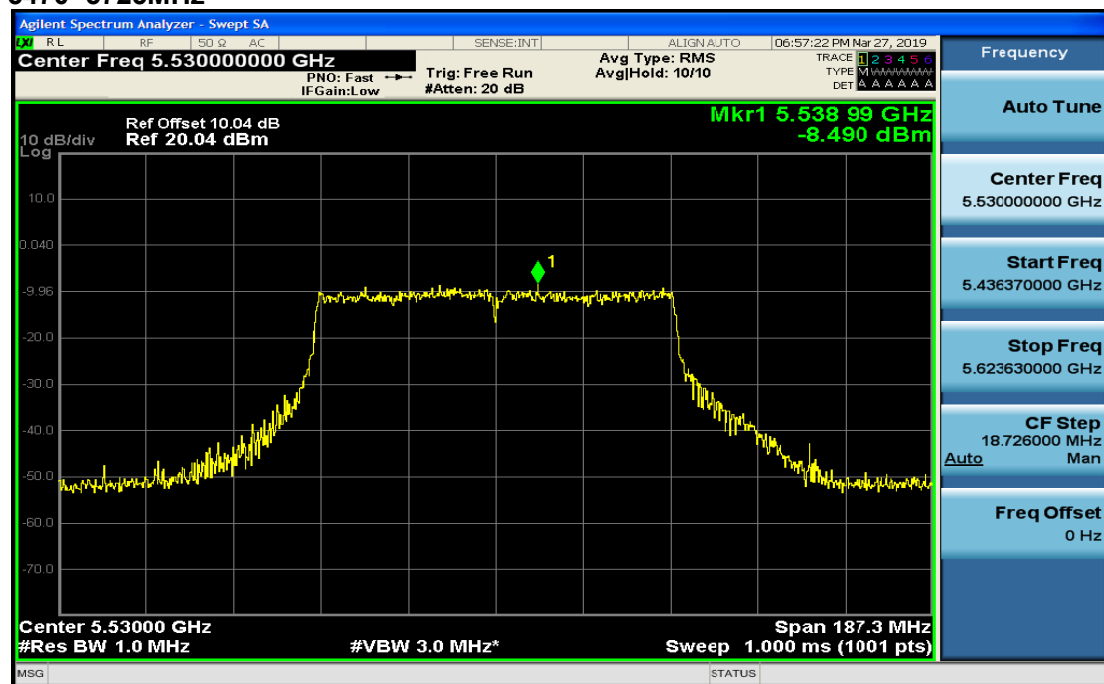


CHHigh**IEEE802.11nHT80mode
5150~5250MHz**

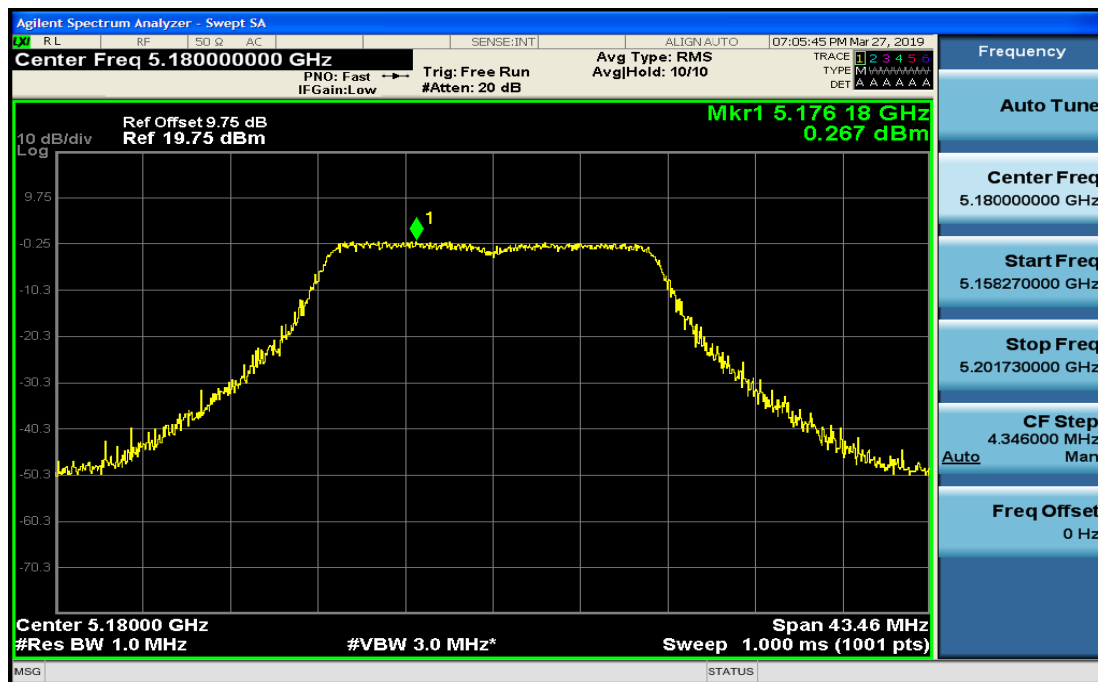
5250~5350MHz



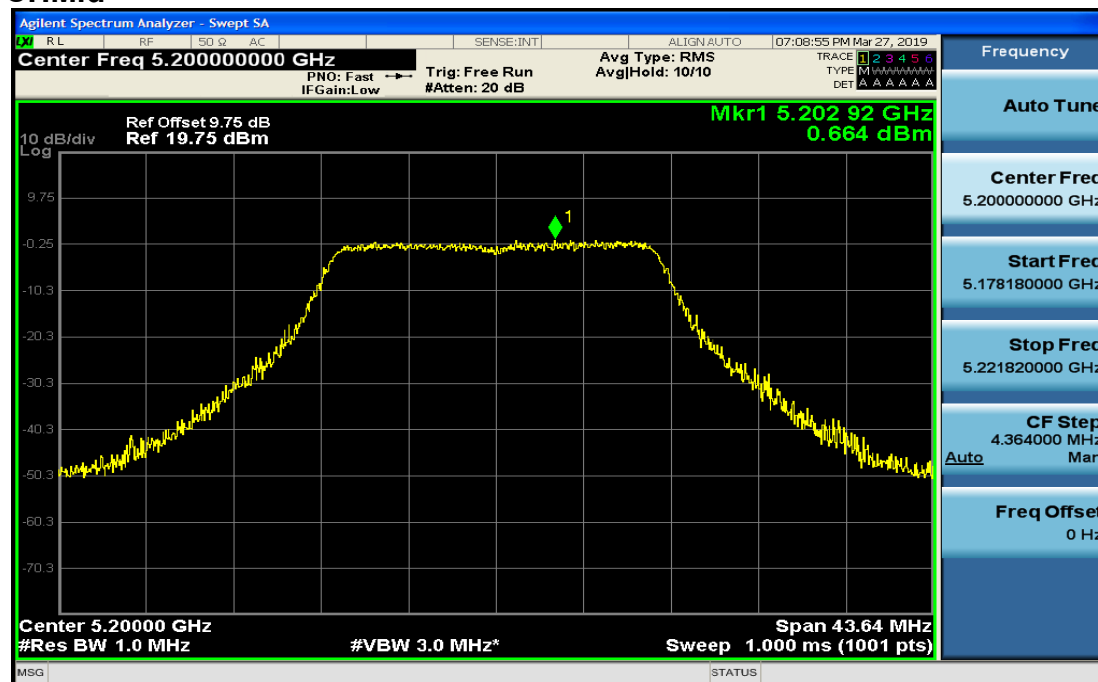
5470~5725MHz



Antenna 2
IEEE802.11amode:
5150~5250MHz
CHLow



CHMid



CHHigh



5250~5350MHz

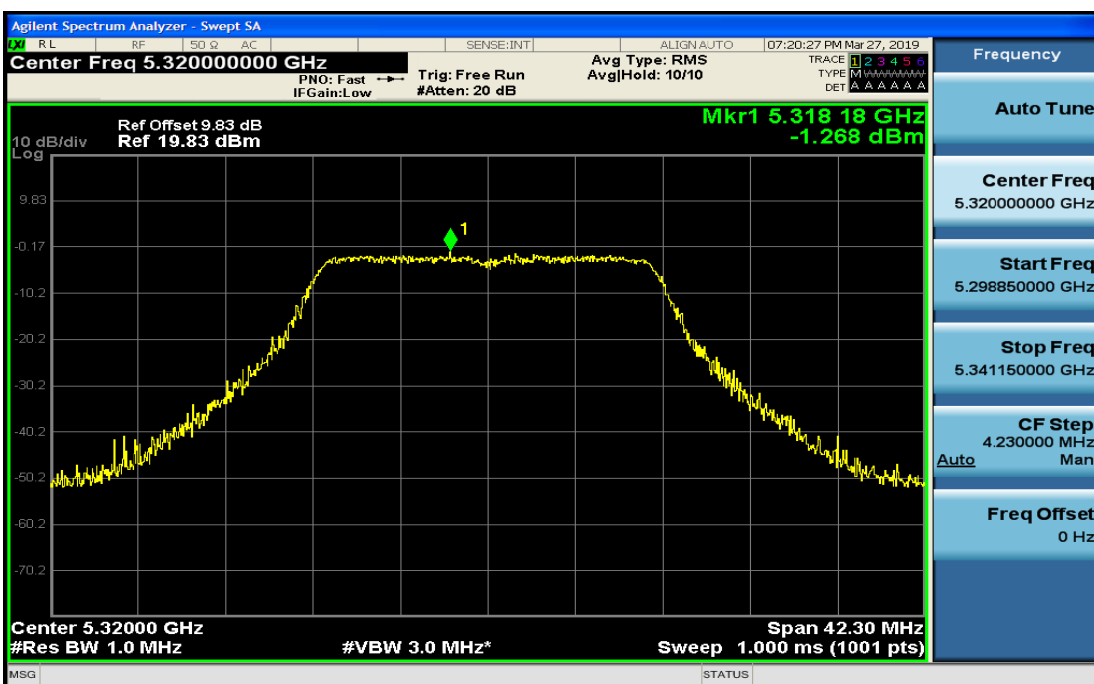
CHLow



CHMid



CHHigh

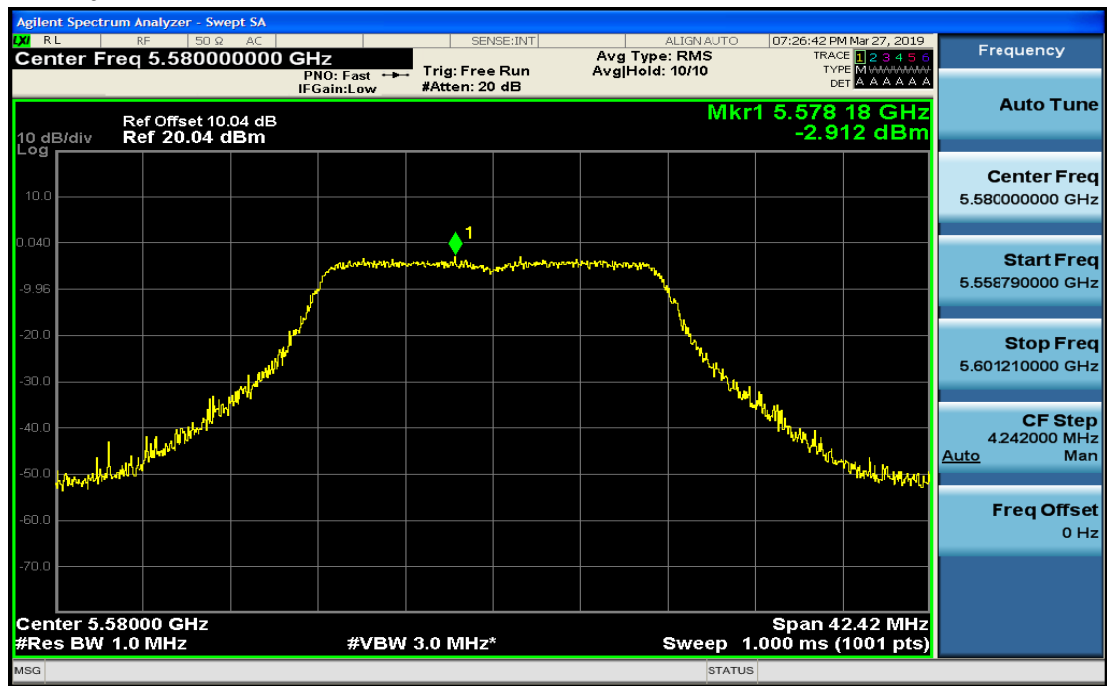


5470~5725MHz

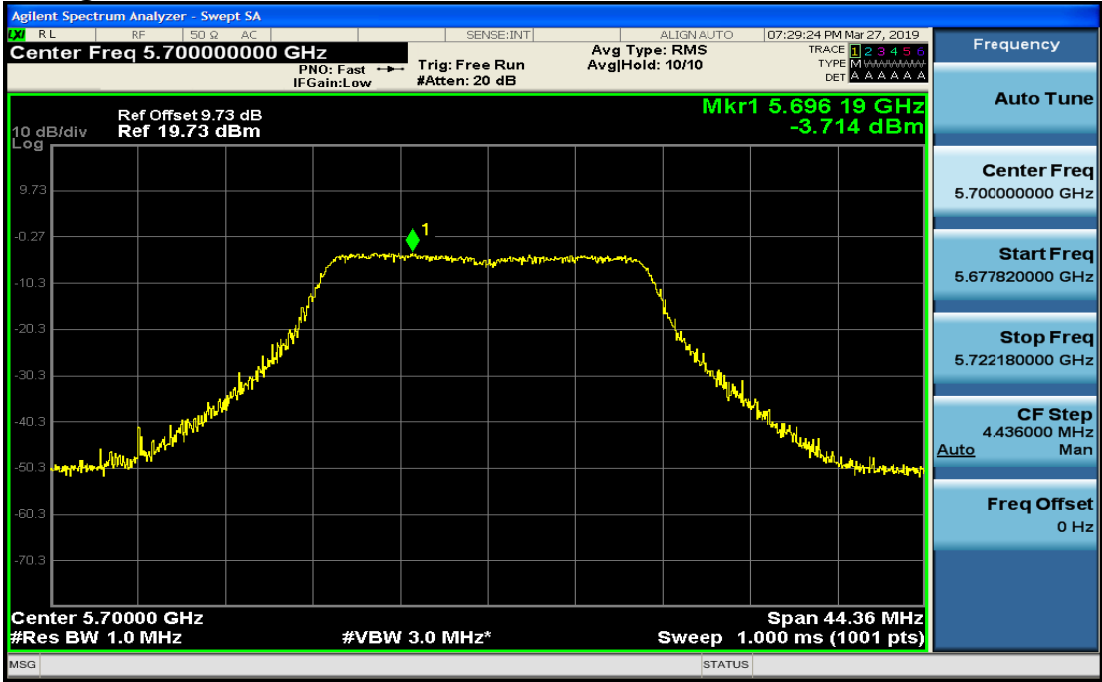
CHLow



CHMid



CHHigh



IEEE802.11nHT20mode
5150~5250MHz

CHLow



CHMid

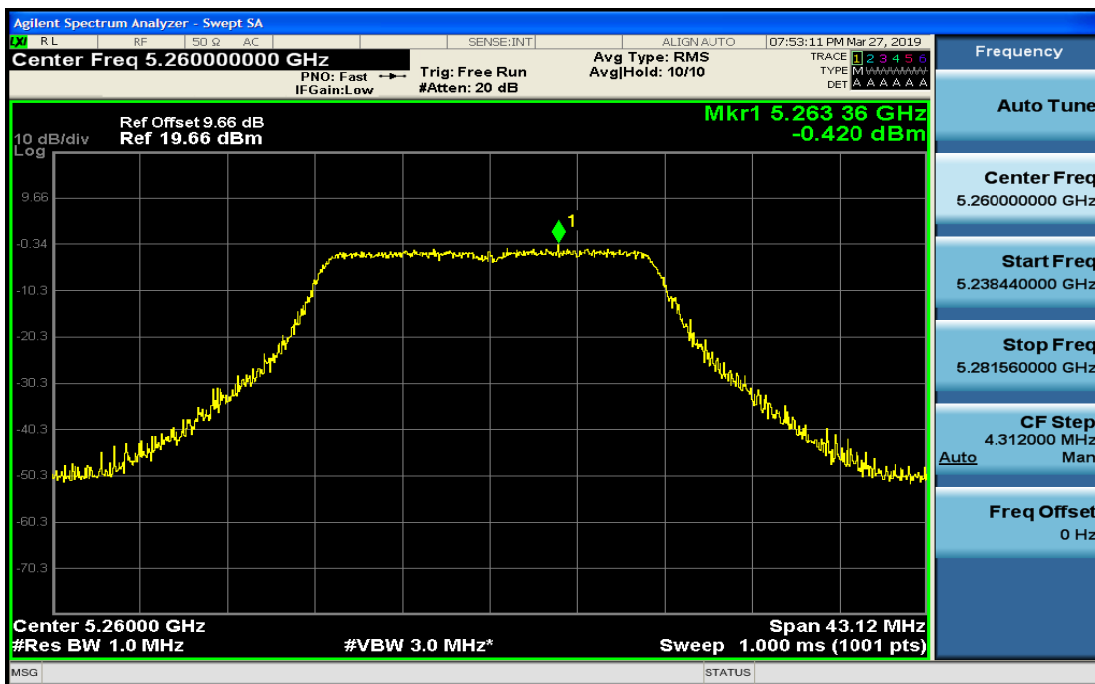


CHHigh



5250~5350MHz

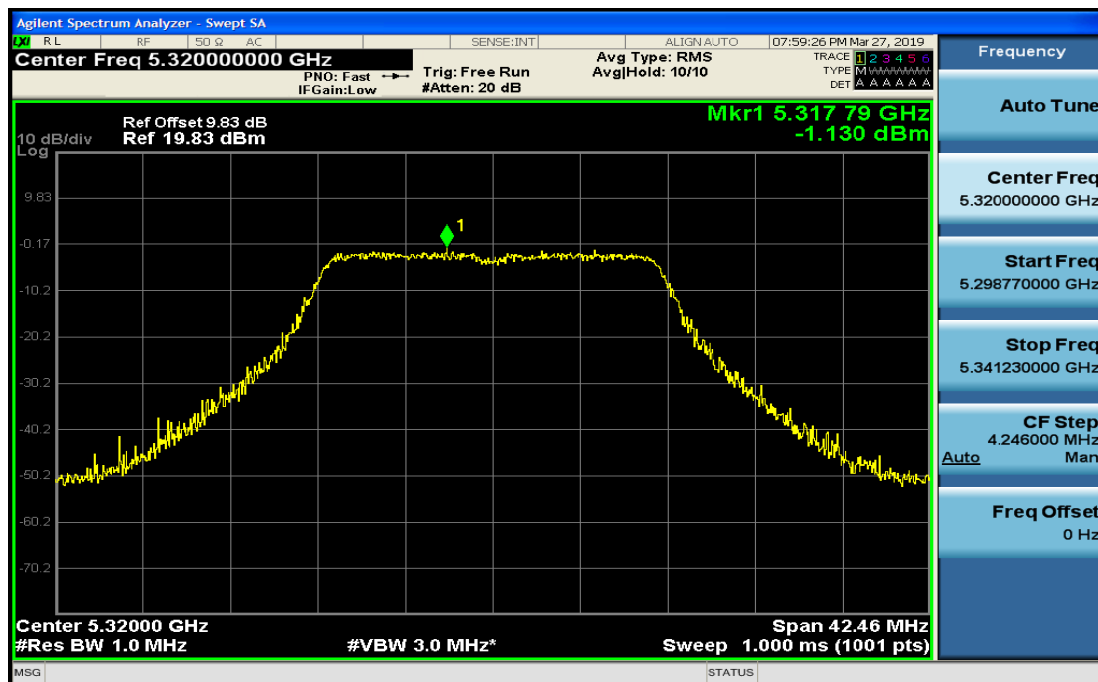
CHLow



CHMid

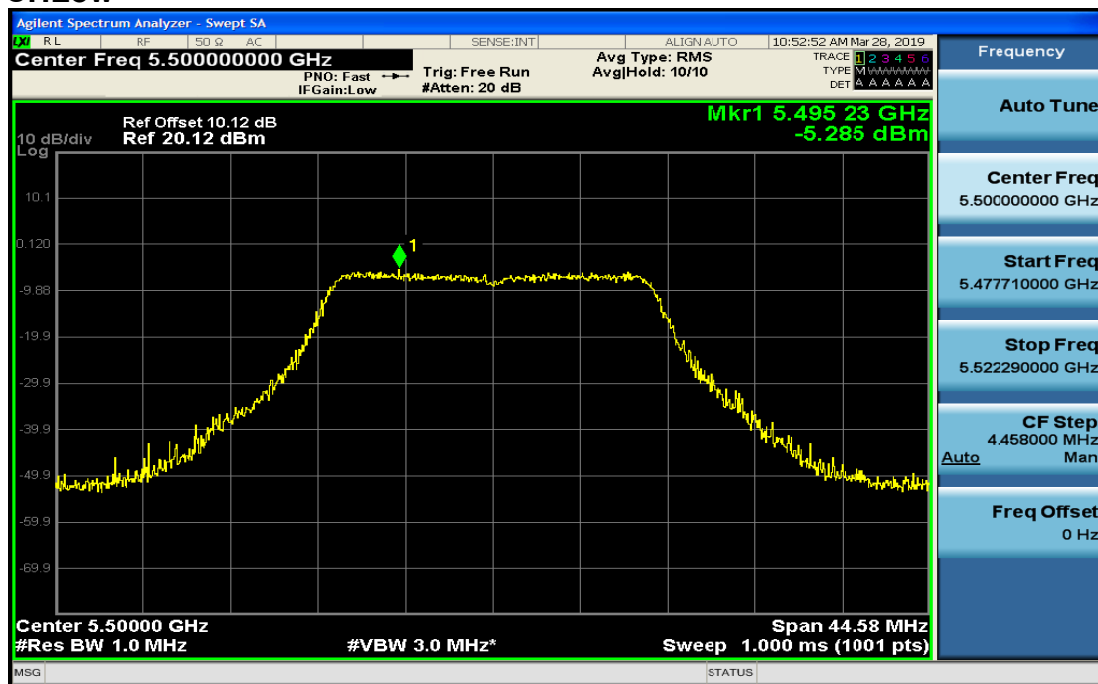


CHHigh

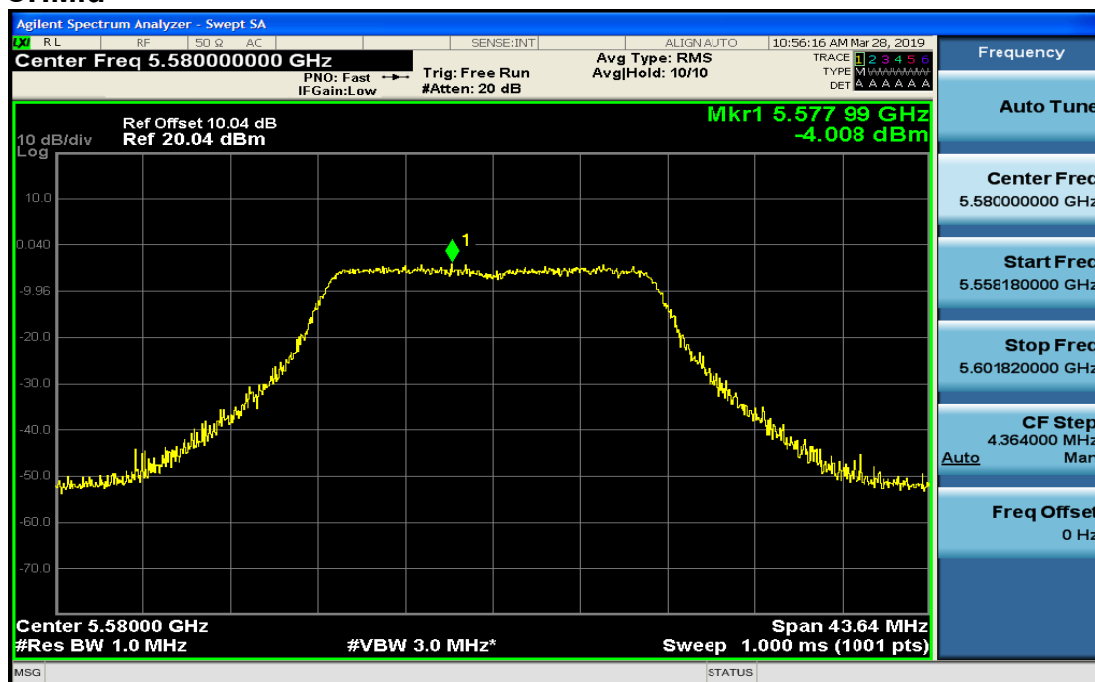


5470~5725MHz

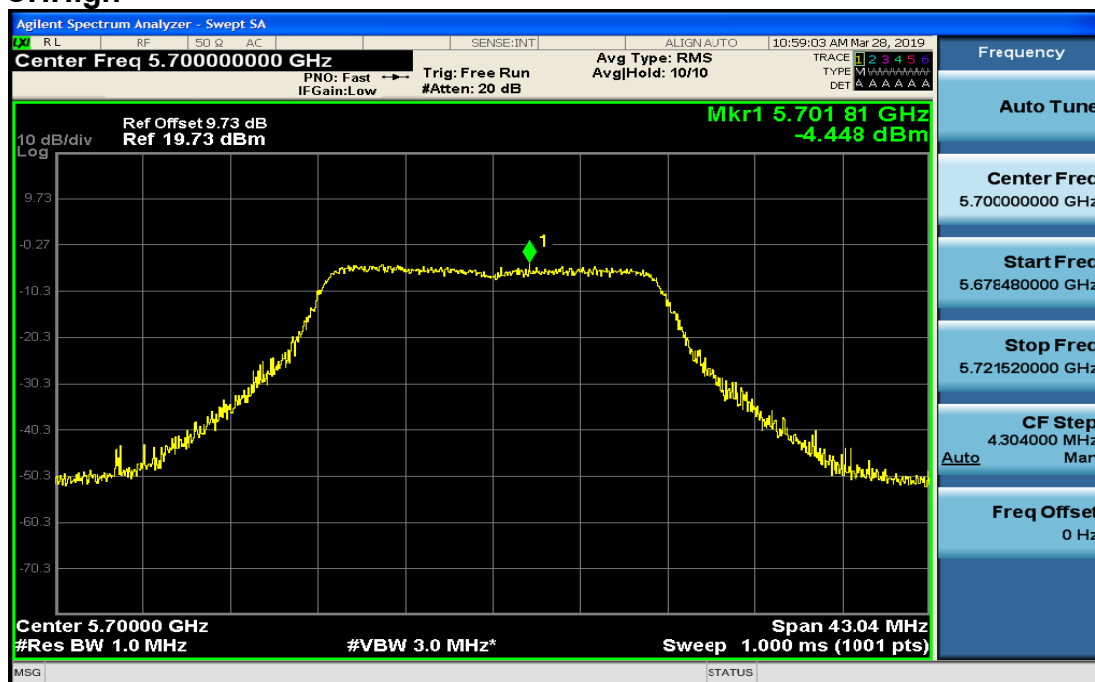
CHLow



CHMid



CHHigh

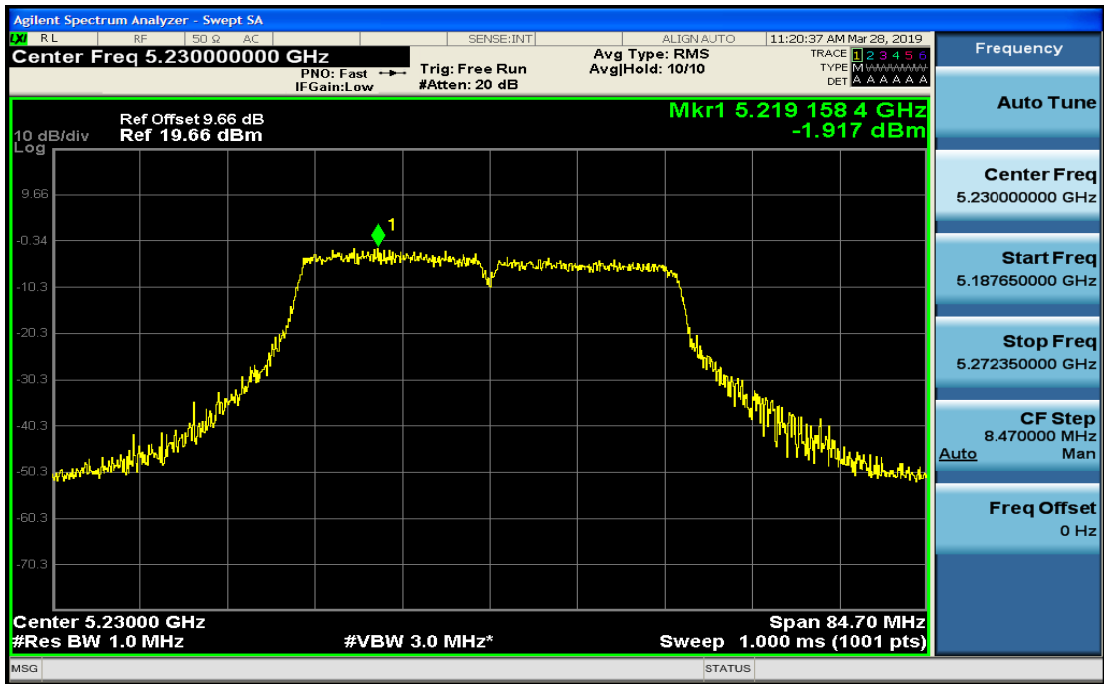


IEEE802.11nHT40mode
5150~5250MHz

CHLow

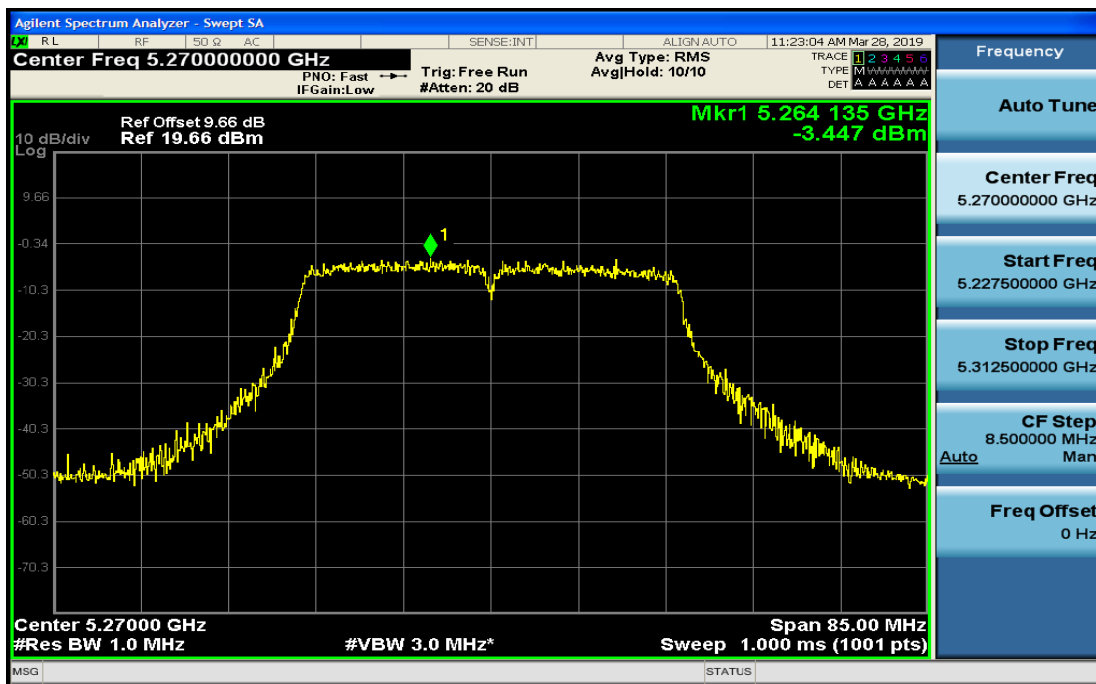


CHHigh

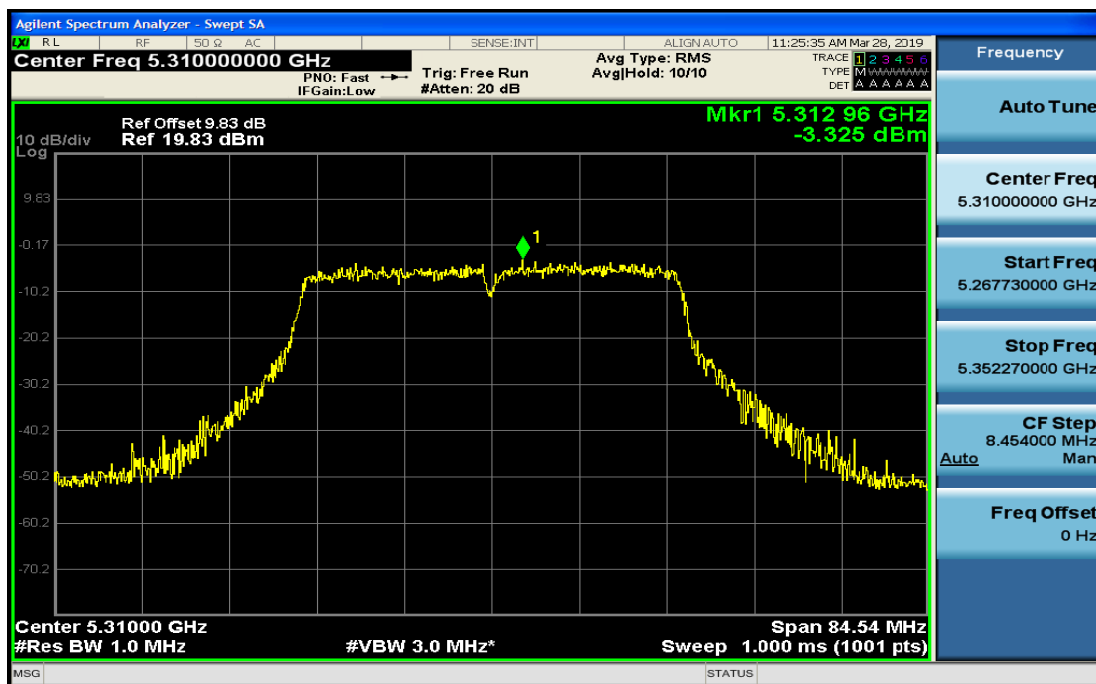


5250~5350MHz

CHLow



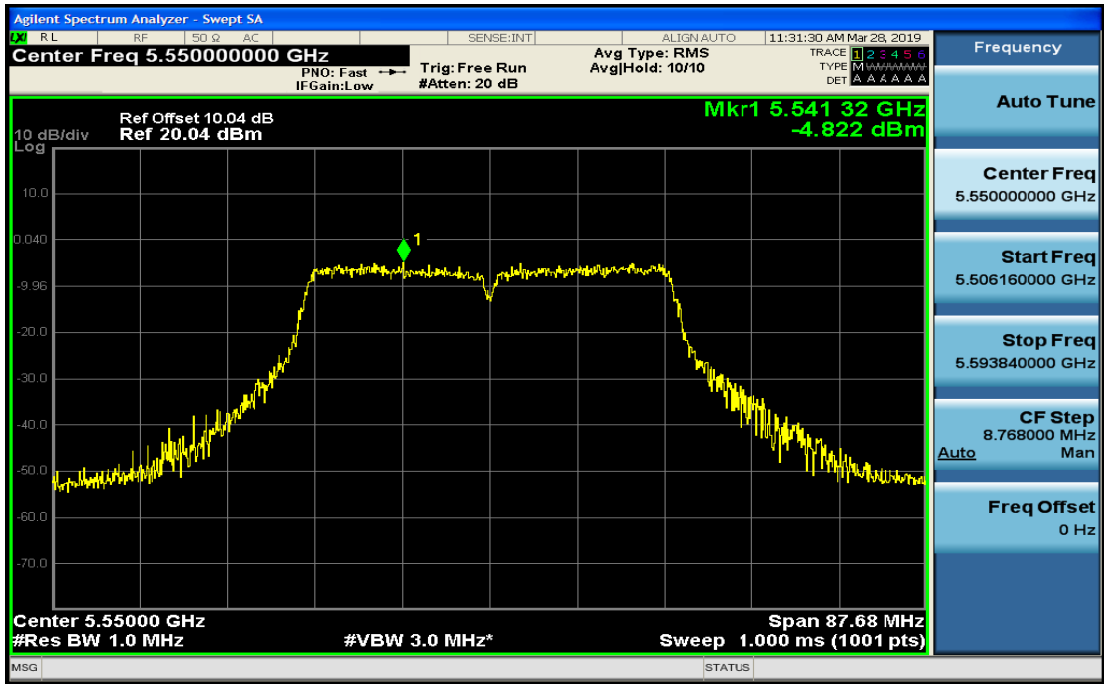
CHHigh

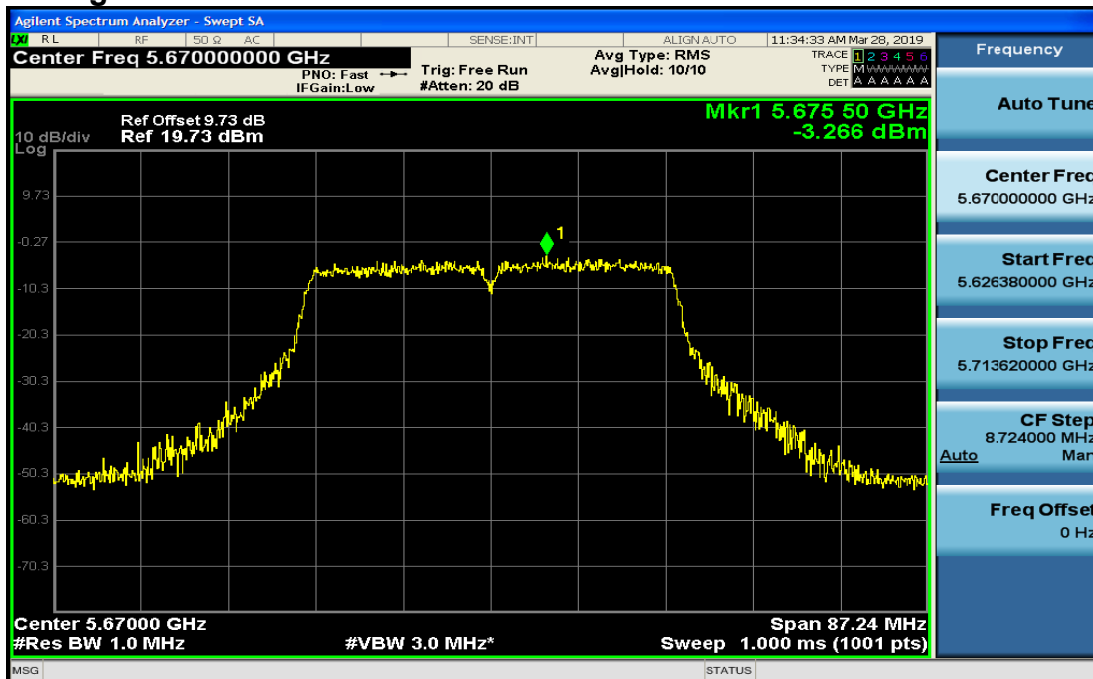


CHLow

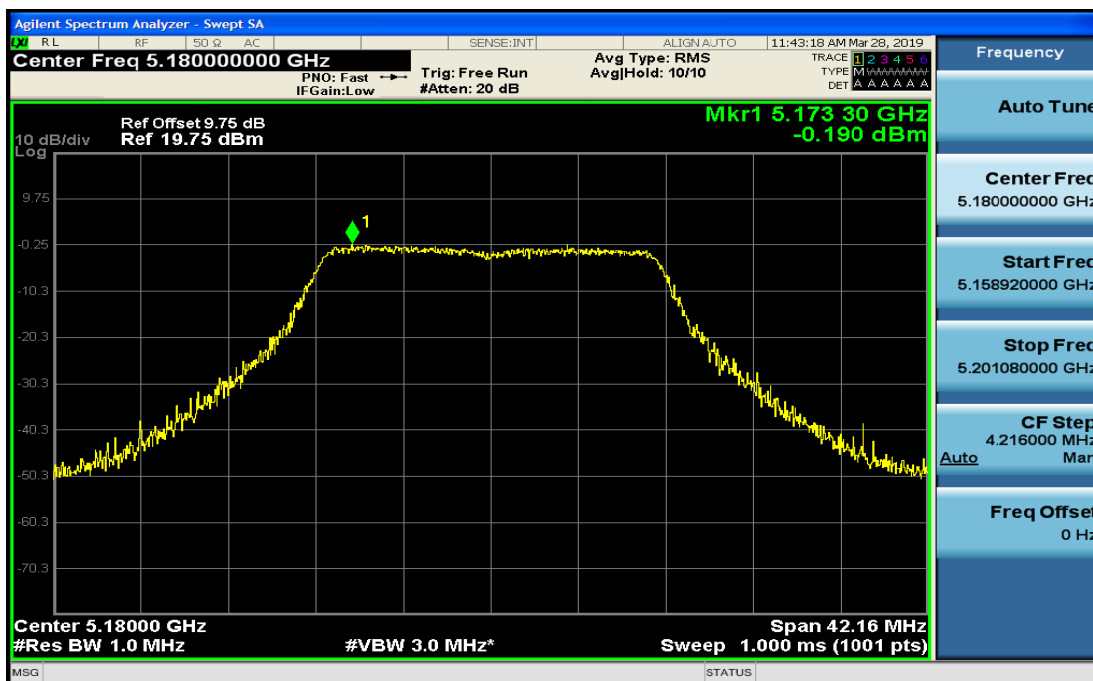


CH Mid

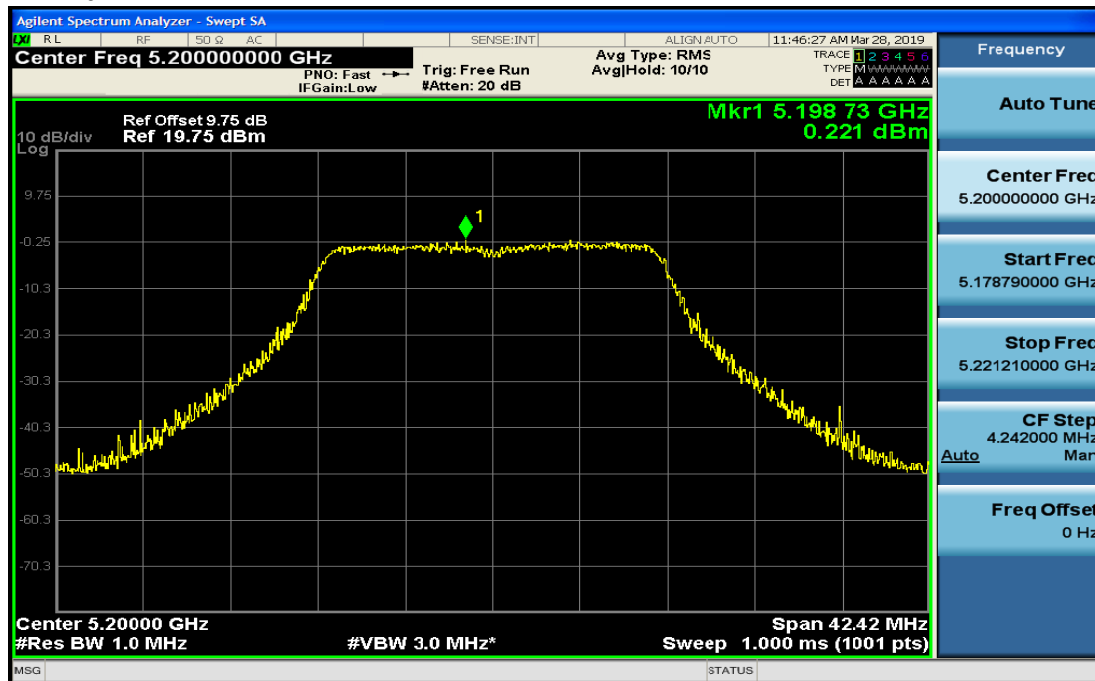


CH High**IEEE802.11ac HT20mode**

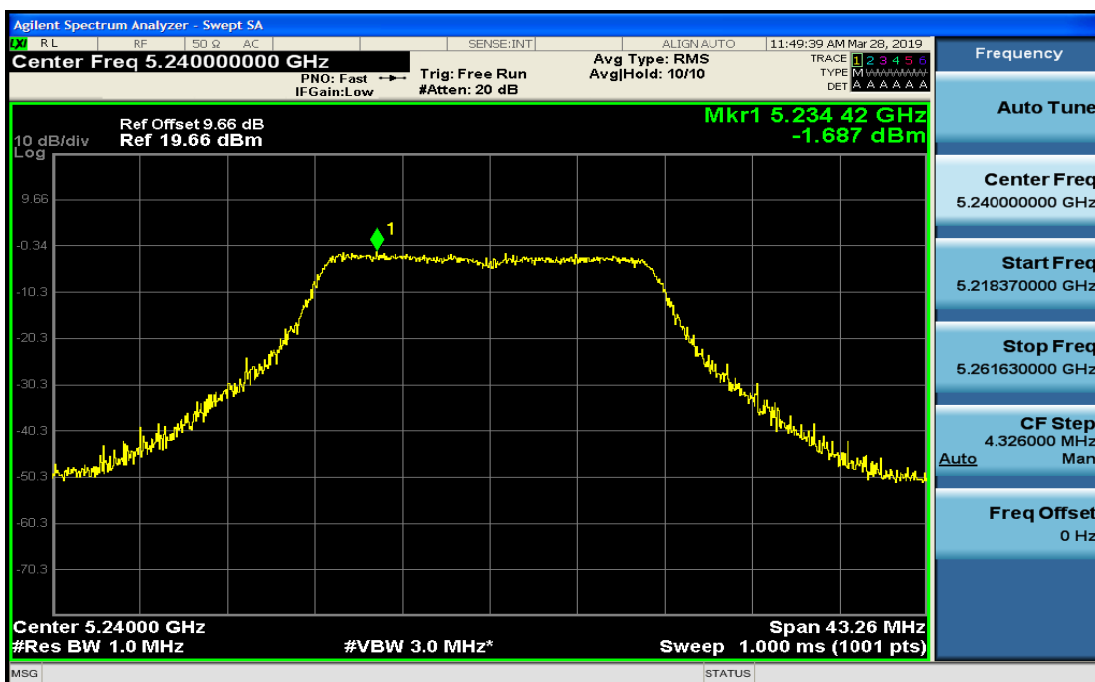
5150~5250MHz

CHLow

CHMid



CHHigh

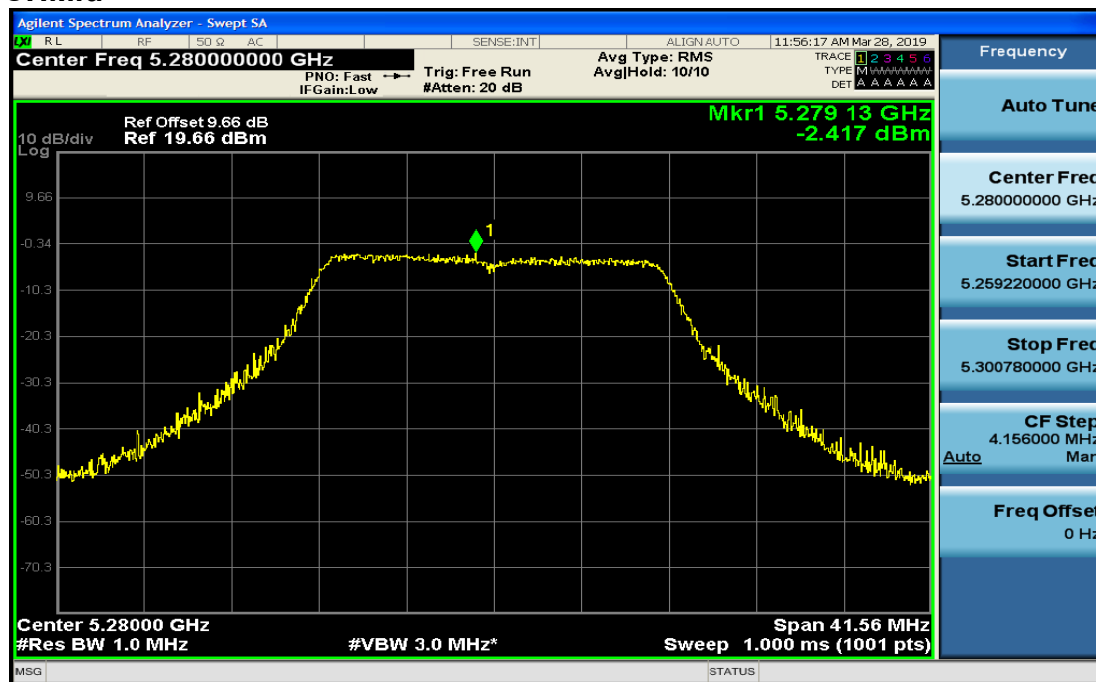


5250~5350MHz

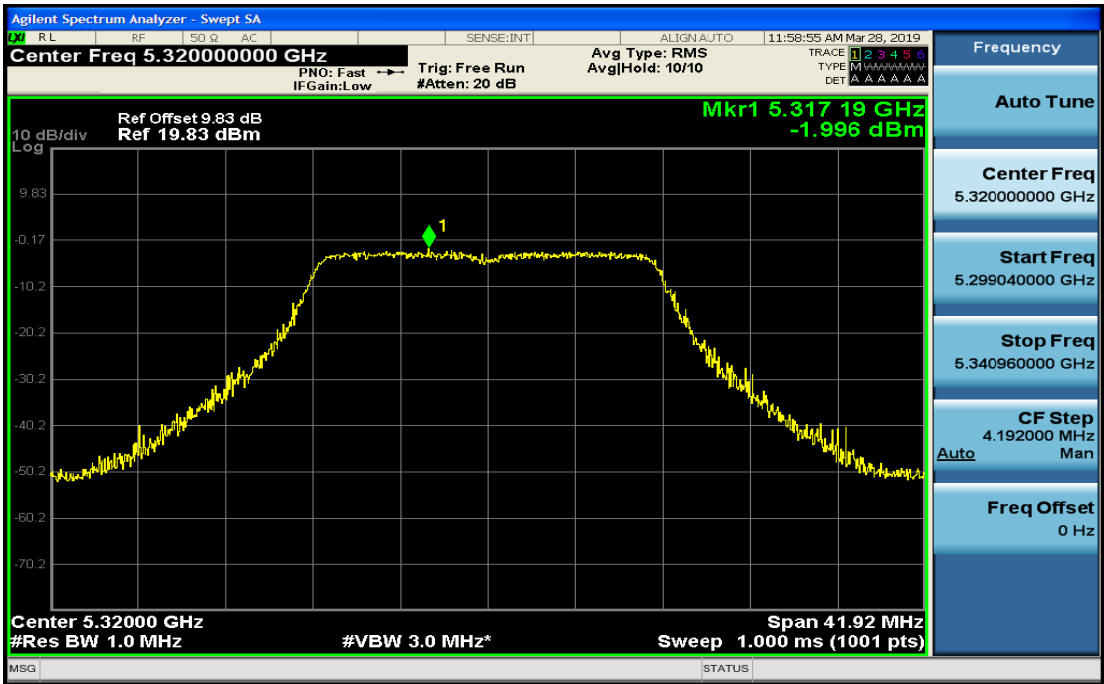
CHLow



CHMid

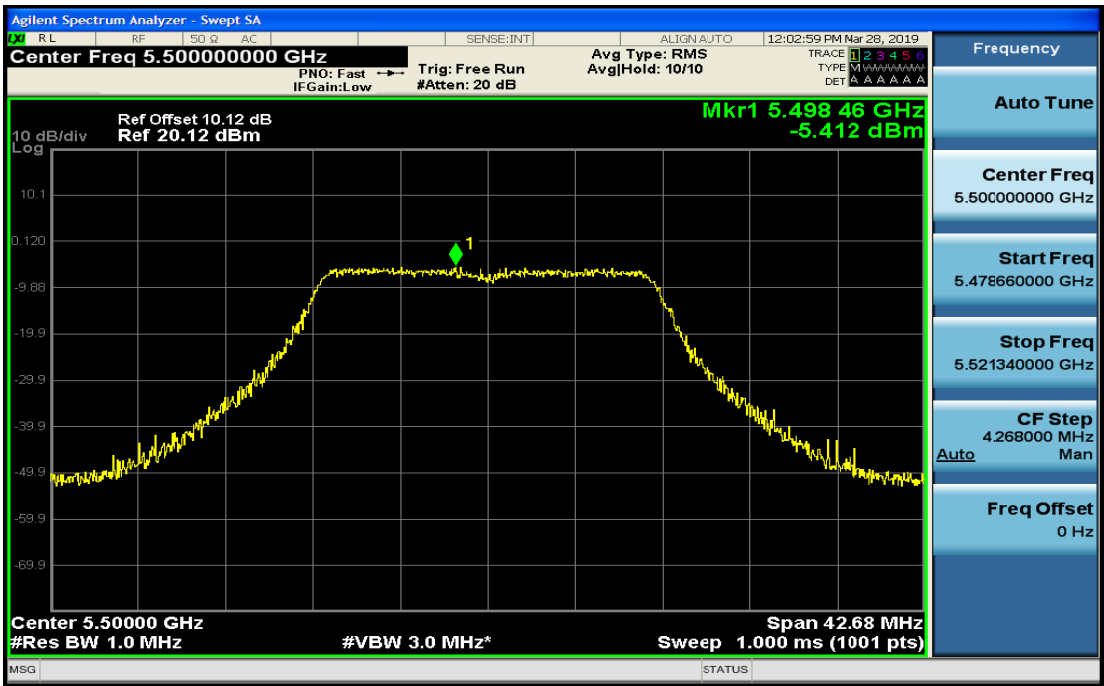


CHHigh

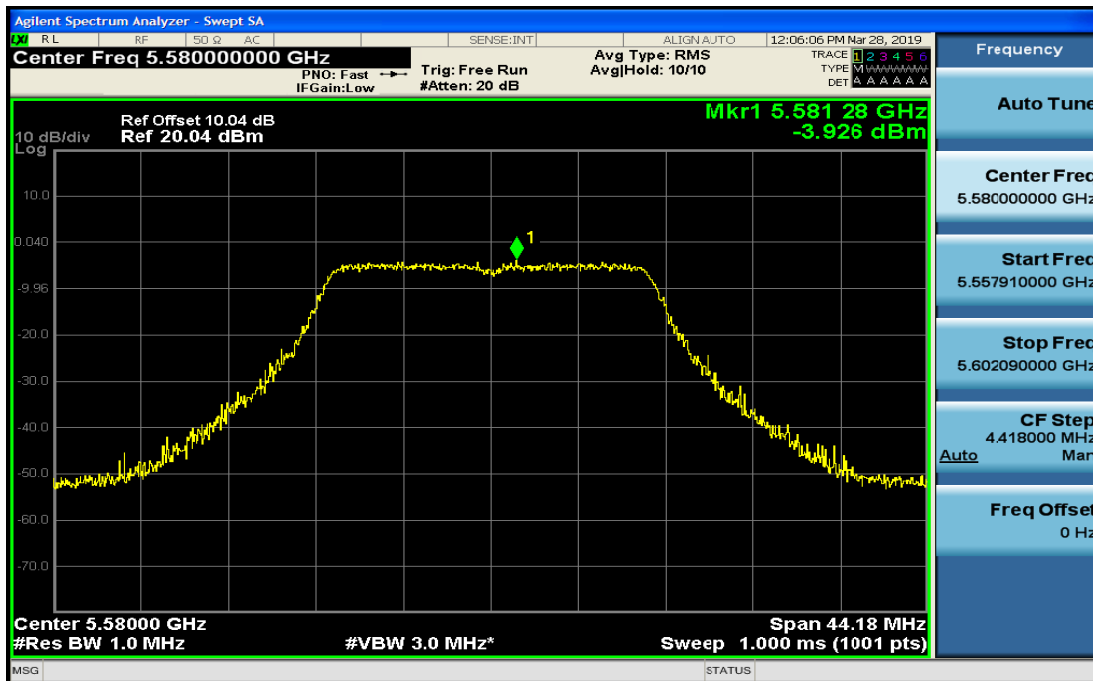


5470~5725MHz

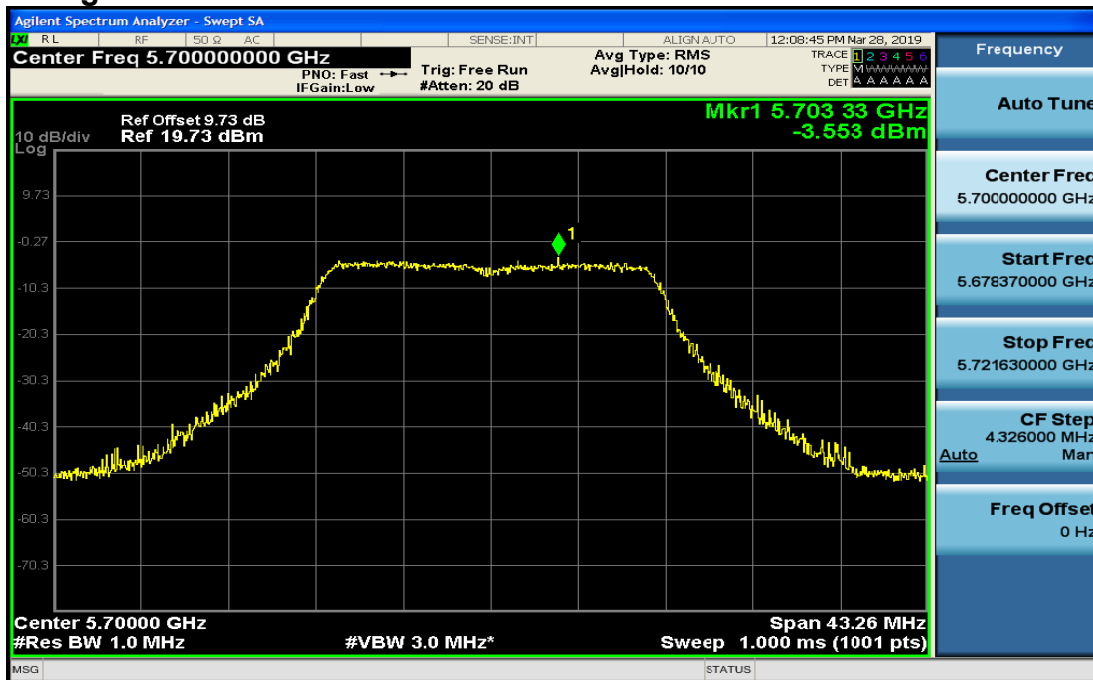
CHLow



CHMid



CHHigh



IEEE802.11nHT40mode
5150~5250MHz

CHLow

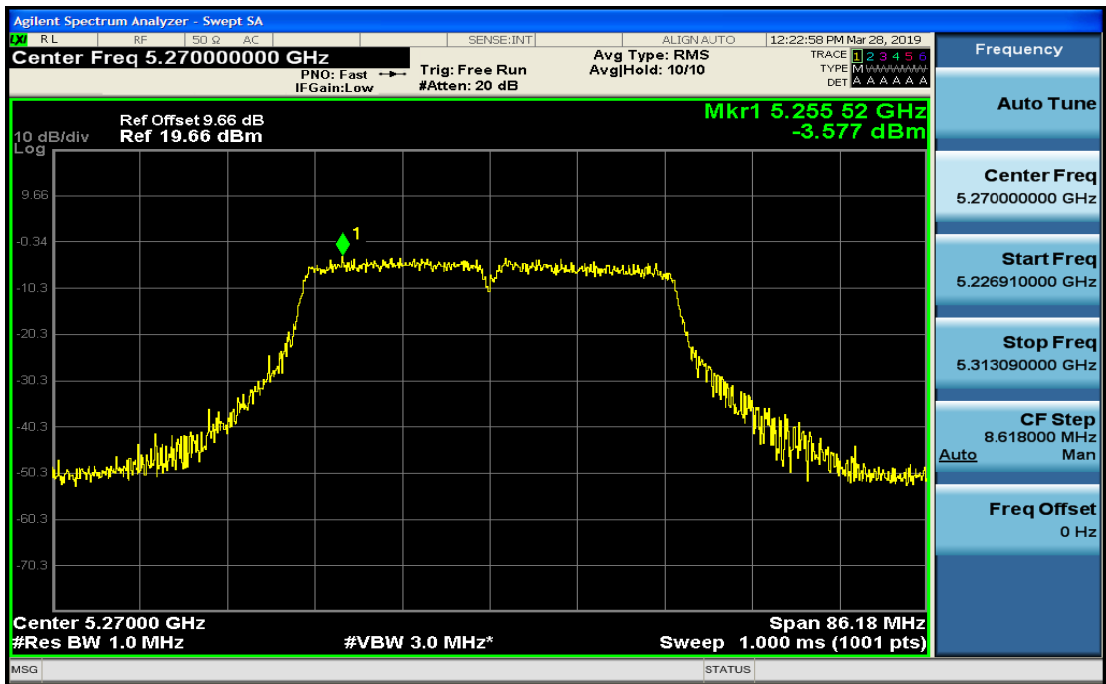


CHHigh

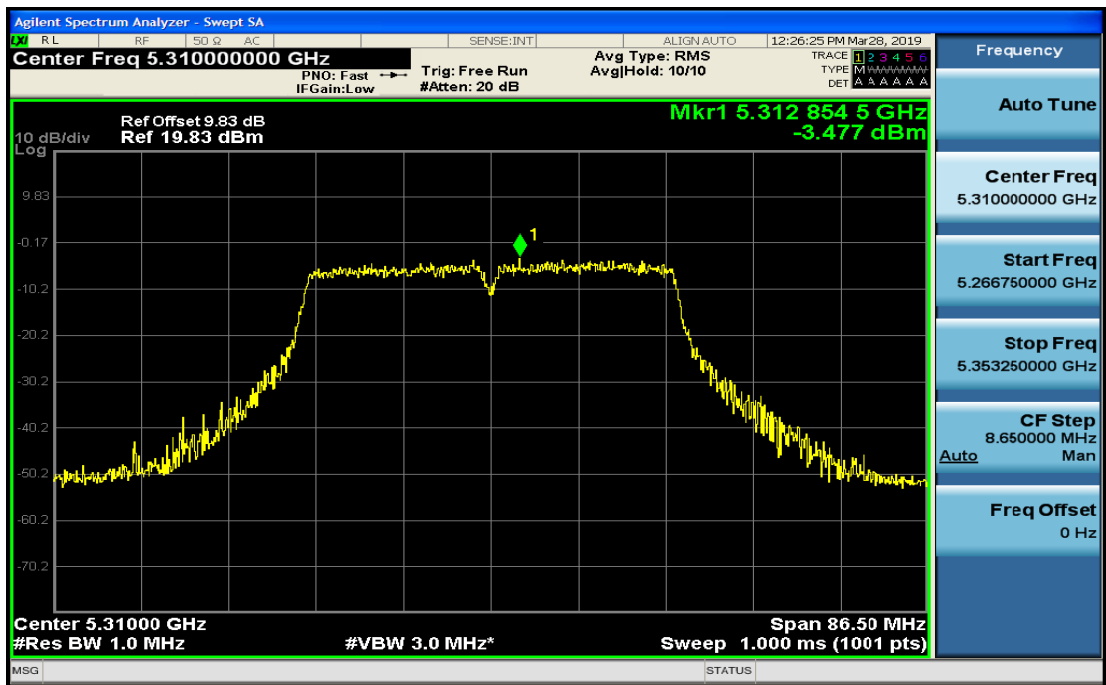


5250~5350MHz

CHLow

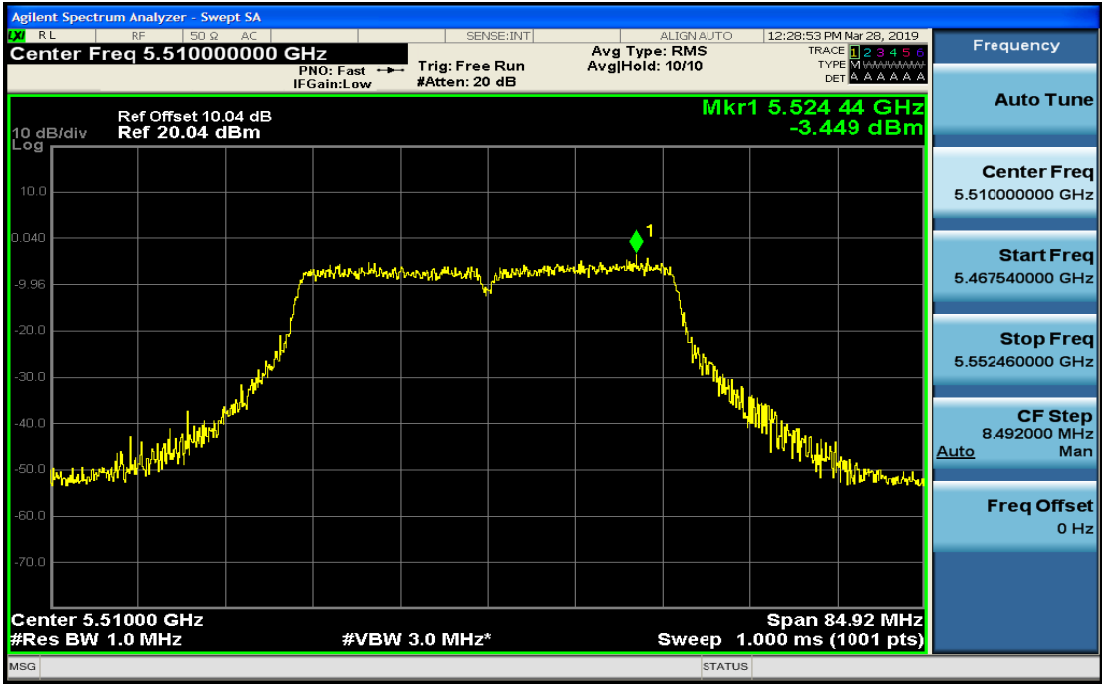


CHHigh

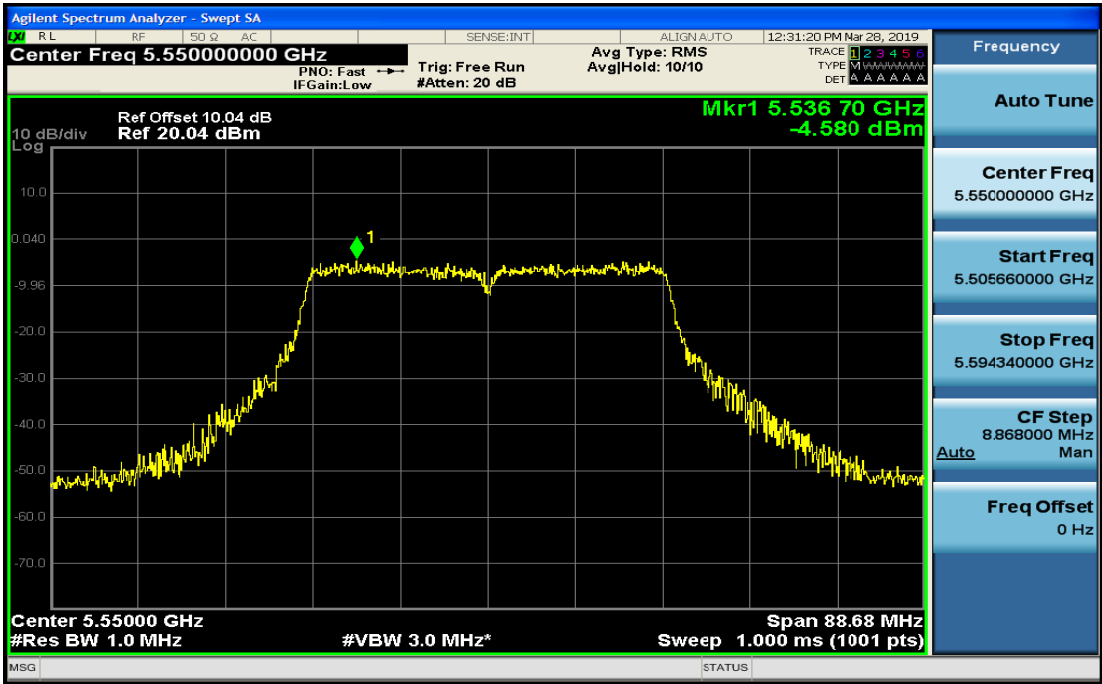


5470~5725MHz

CHLow



CHMid



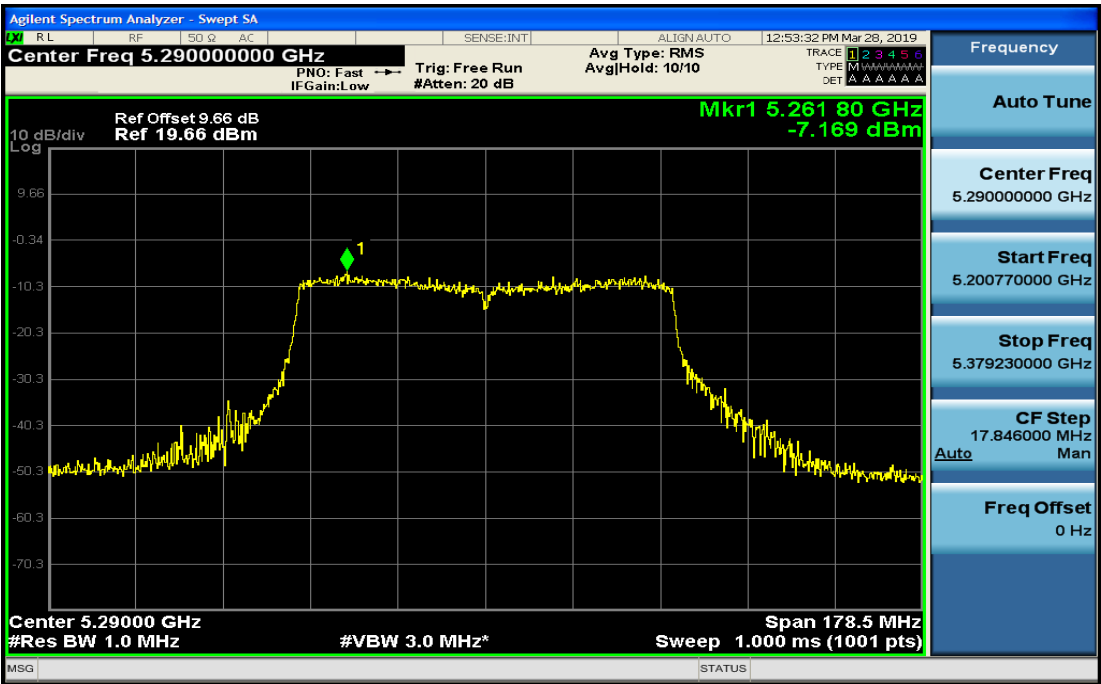
CHHigh



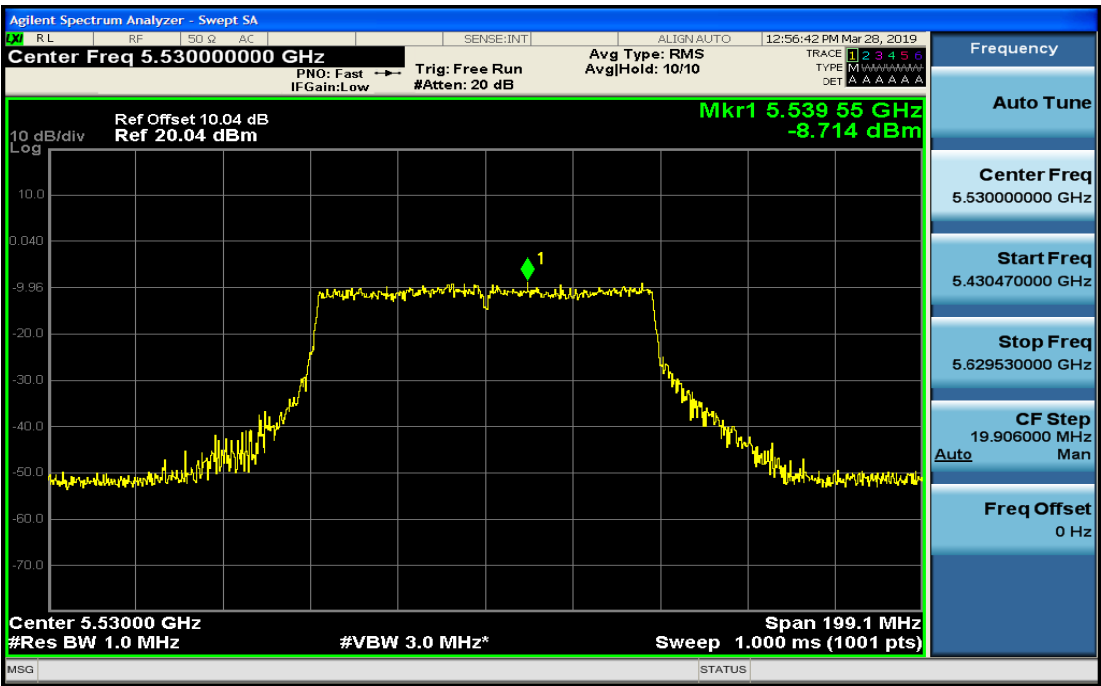
IEEE802.11nHT80mode
5150~5250MHz



5250~5350MHz



5470~5725MHz

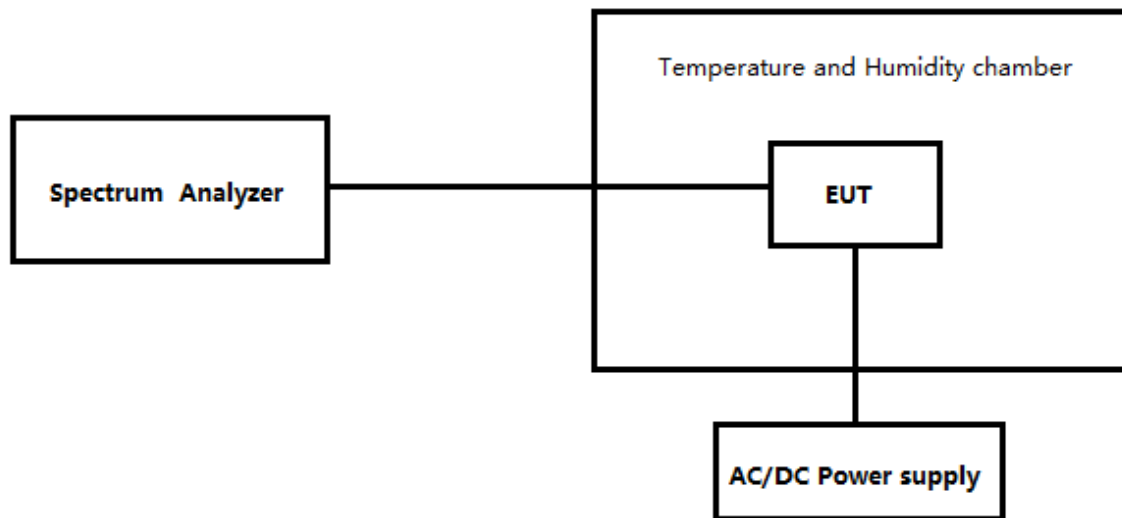


6.6 FREQUENCY STABILITY MEASUREMENT

LIMIT

According to §15.407(g), Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

TEST CONFIGURATION



TEST PROCEDURE

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

TESTRESULTS**Antenna 1**

U-NII-1-(5150MHz-5250MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5180	5179.991	-0.009	-1.737	25	V _{min}
5180	5180.008	0.008	1.544	25	V _{max}
5180	5179.994	-0.006	-1.158	25	V _{nor}
5180	5179.992	-0.008	-1.544	-10	V _{nor}
5180	5180.005	0.005	0.965	40	V _{nor}

U-NII-1-(5250MHz-5350MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5260	5259.983	-0.017	-3.231	25	V _{min}
5260	5260.019	0.019	3.612	25	V _{max}
5260	5259.981	-0.019	-3.612	25	V _{nor}
5260	5260.986	-0.014	-2.661	-10	V _{nor}
5260	5260.010	0.010	1.901	40	V _{nor}

U-NII-1-(5470MHz-5725MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5500	5499.986	-0.014	-2.545	25	V _{min}
5500	5500.015	0.015	2.727	25	V _{max}
5500	5499.993	-0.007	-1.273	25	V _{nor}
5500	5499.984	-0.016	-2.909	-10	V _{nor}
5500	5500.012	0.012	2.182	40	V _{nor}

Antenna 2

U-NII-1-(5150MHz-5250MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5180	5179.995	-0.005	-0.965	25	V _{min}
5180	5180.012	0.012	2.316	25	V _{max}
5180	5179.993	-0.007	-1.351	25	V _{nor}
5180	5179.994	-0.006	-1.158	-10	V _{nor}
5180	5179.995	-0.005	-0.965	40	V _{nor}

U-NII-1-(5250MHz-5350MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5260	5260.016	0.016	-3.042	25	V _{min}
5260	5260.014	0.014	2.662	25	V _{max}
5260	5259.992	-0.008	-1.521	25	V _{nor}
5260	5260.989	-0.011	-2.901	-10	V _{nor}
5260	5260.015	0.015	2.852	40	V _{nor}

U-NII-1-(5470MHz-5725MHz)					
Freq.(MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)
5500	5500.013	0.013	2.364	25	V _{min}
5500	5500.016	0.016	2.909	25	V _{max}
5500	5499.992	-0.008	-1.455	25	V _{nor}
5500	5499.987	-0.013	-2.364	-10	V _{nor}
5500	5500.009	0.009	1.636	40	V _{nor}

6.7 RADIATED UNDESIRABLE EMISSION

LIMIT

Radiated emissions from 9 kHz to 25 GHz were measured according to the methods defined in ANSI C63.10-2013. The EUT was placed above the ground plane, 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

1. For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725 MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725 MHz band shall not exceed an EIRP of -27 dBm/MHz.

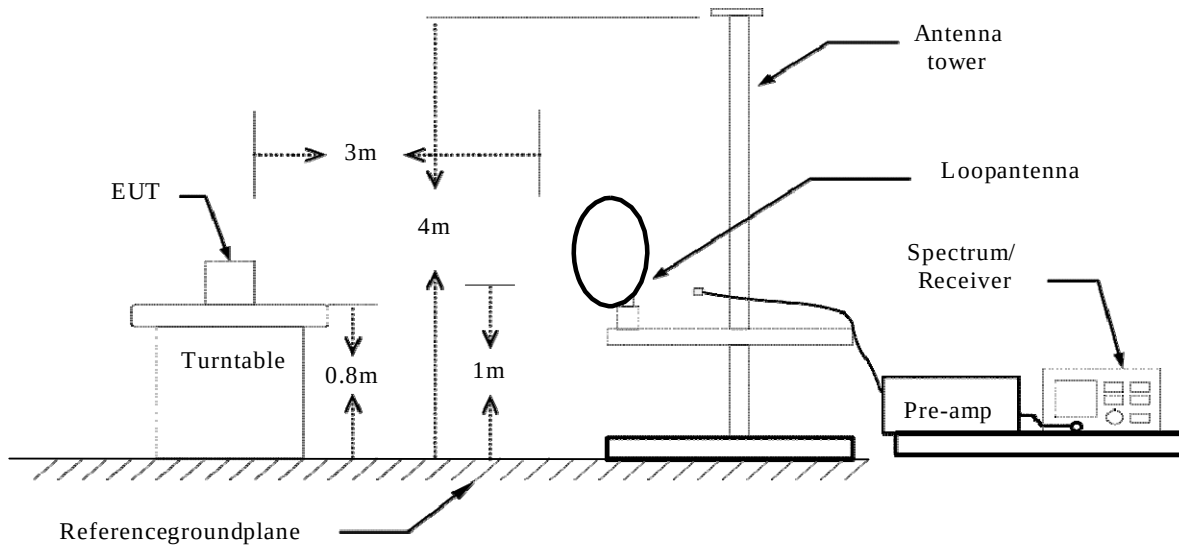
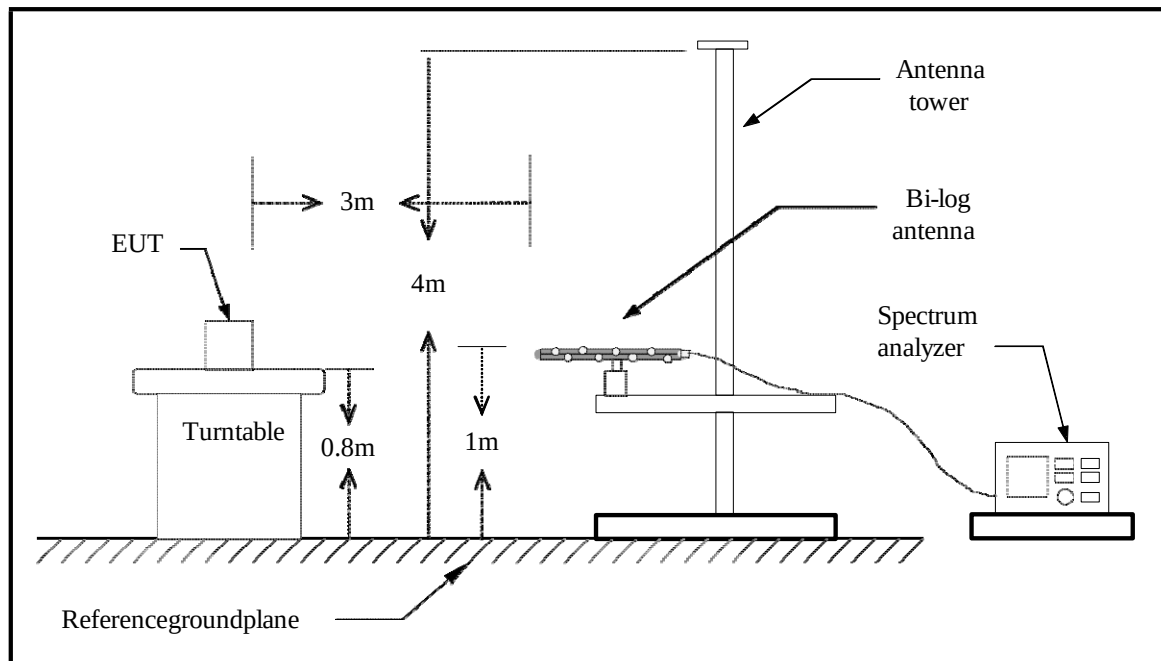
2. KDB789033v02r01G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.
3. According to §15.209(a), except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

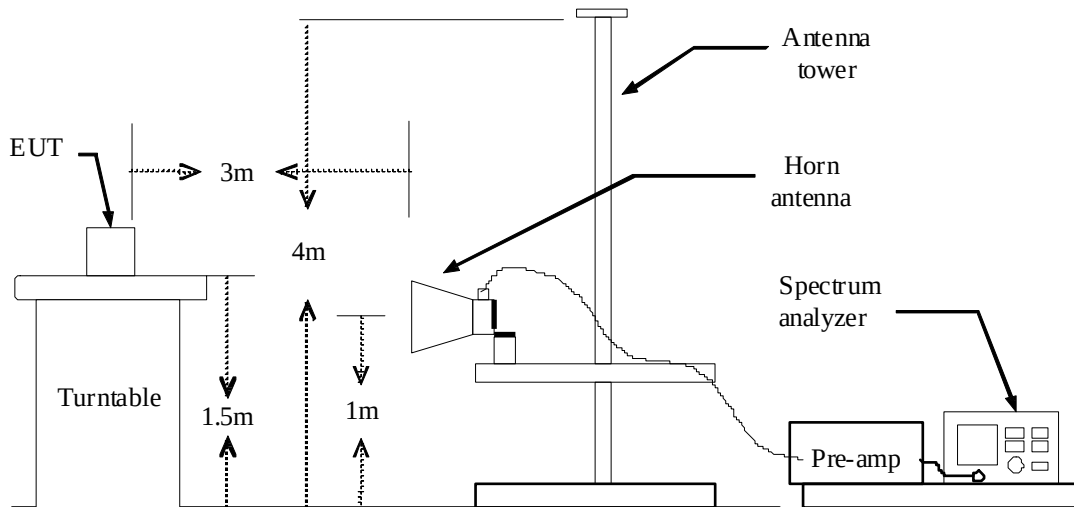
FREQUENCIES(MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE(meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Remark: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

4. In the emission table above, the tighter limit applies at the band edges.

Frequency (MHz)	Field Strength(μ V/m at 3-meter)	Field Strength(d B μ V/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Test Configuration**Below 30MHz****Below 1GHz**

Above 1 GHz**TESTPROCEDURE**

1. The EUT is placed on a turntable above ground plane, which is 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz.
2. The turntable shall be rotated for 360degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Set the spectrum analyzer in the following setting as:

Below 1GHz:

RBW=100kHz/ VBW=300kHz / Sweep=AUTO

Above 1GHz:

(a) PEAK: RBW=VBW=1MHz / Sweep=AUTO

(b) AVERAGE: RBW=1MHz / Sweep=AUTO

VBW=10Hz, when duty cycle is no less than 98 percent.

VBW $\geq 1/T$, when duty cycle is less than 98 percent, where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
IEEE 802.11 a	100	--	--	10Hz
IEEE 802.11n HT20	100	--	--	10Hz
IEEE 802.11n HT40	100			10Hz

7. Repeat above procedures until the measurements for all frequencies are complete.

TESTRESULTS**TestResultofRadiatedEmission30****MHz-1GHz**

Frequency (MHz)	Ant. Pol.(H/V)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit(dBuV/m)	Margin (dB)	Remark
43.91	V	15.58	14.48	30.06	40.00	-9.94	peak
349.55	V	11.63	18.50	30.13	46.00	-15.87	peak
426.63	V	10.58	20.94	31.52	46.00	-14.48	peak
567.35	V	9.87	22.66	32.53	46.00	-13.47	peak
708.36	V	8.33	25.39	33.72	46.00	-12.28	peak
851.82	V	9.22	25.93	35.15	46.00	-10.85	peak
216.61	H	14.19	16.40	30.59	46.00	-9.41	peak
249.37	H	16.87	16.44	33.31	46.00	-12.69	peak
340.73	H	19.14	18.15	37.29	46.00	-8.71	peak
344.96	H	19.02	18.30	37.32	46.00	-8.68	peak
350.52	H	19.67	18.50	38.17	46.00	-7.83	peak
375.54	H	15.22	19.51	34.73	46.00	-11.27	peak

Remark:

Measuring frequencies from 30 MHz to the 1GHz.(no emission found from the lowest internal used/generated frequency to 30MHz)

Radiated emissions measured were madewith an instrument using peak/quasi-peak detector mode.

Quasi-peak test would be performed if the peak result were greater than the quasi-peak limit or as required by the applicant.

Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Margin (dB)= Remark result (dBuV/m) – Quasi-peak limit (dBuV/m).

Note: Below 30MHz and above 18GHz. The measured value have enough margin over 20dB than the limit, therefore they are not reported.

Above 1**GHz5150~5250MHz**

OperationMode:	Tx / IEEE 802.11a modeCH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10563.07	39.61	11.21	50.82	74.00	-23.18	100	133	peak
2	15343.51	37.13	12.25	49.38	74.00	-24.62	100	128	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10358.52	42.64	10.19	52.83	74.00	-21.17	100	215	peak
2	14403.37	36.78	16.06	52.84	74.00	-21.16	100	274	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10440.84	41.15	10.64	51.79	74.00	-	100	117	peak
2	16692.42	35.62	17.24	52.86	74.00	-	100	159	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10439.99	42.38	10.64	53.02	74.00	-20.98	100	217	peak
2	14690.67	36.64	16.51	53.15	74.00	-20.85	100	334	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH High
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Horizontal

No	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	10480.55	40.21	10.86	51.07	74.00	-22.93	100	172	peak
2	14649.98	35.16	16.53	51.69	74.00	-22.31	100	207	peak
N/A									

Vertical

No	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	10480.35	42.74	10.86	53.60	74.00	-20.40	100	142	peak
2	16732.64	35.85	17.33	53.18	74.00	-20.82	100	320	peak
N/A									

5250~5350MHz

OperationMode:	Tx / IEEE 802.11a modeCH Low
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Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	10522.06	40.55	11.05	51.60	74.00	-22.40	100	125	peak
2	14649.01	35.85	16.53	52.38	74.00	-21.62	100	41	peak
N/A									

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	10644.75	39.68	11.53	51.21	74.00	-22.79	100	315	peak
2	15221.01	32.58	13.73	46.31	74.00	-27.69	100	258	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10563.26	42.38	11.21	53.59	74.00	-20.41	100	114	peak
2	14240.81	35.14	15.17	50.31	74.00	-23.69	100	127	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11011.47	38.46	12.89	51.82	74.00	51.35	100	214	peak
2	13258.76	38.87	14.10	52.12	74.00	52.97	100	282	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11012.01	37.27	12.89	50.16	74.00	-23.84	100	214	peak
2	16161.36	35.82	13.49	49.31	74.00	-24.69	100	210	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12402.43	38.77	12.00	50.77	74.00	-23.23	100	152	peak
2	15466.33	35.31	10.77	46.08	74.00	-27.92	100	302	peak
N/A									

5470~5725MHz

OperationMode:	Tx / IEEE 802.11a modeCH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10522.11	40.97	11.05	52.02	74.00	-21.98	100	118	peak
2	14649.62	36.25	16.53	52.78	74.00	-21.22	100	53	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10644.19	39.22	11.53	50.75	74.00	-23.25	100	304	peak
2	15220.84	32.21	13.73	45.94	74.00	-28.06	100	271	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.27	42.43	11.21	53.64	74.00	-20.36	100	105	peak
2	14240.86	34.17	15.17	49.34	74.00	-24.66	100	149	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11014.55	38.35	12.89	51.24	74.00	-22.76	100	152	peak
2	13259.18	39.18	14.10	53.28	74.00	-20.72	100	205	peak
N/A									

OperationMode:	Tx / IEEE 802.11a modeCH High
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Horizontal

No .	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	11022.69	37.84	12.89	50.73	74.00	-23.27	100	214	peak
2	16161.33	35.62	13.49	49.11	74.00	-24.89	100	210	peak
N/A									

Vertical

No .	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	12402.45	38.34	12.00	50.34	74.00	-23.66	100	142	peak
2	15465.92	34.84	10.77	45.61	74.00	-28.39	100	239	peak
N/A									

5150~5250MHz

OperationMode:	TX / IEEE 802.11n HT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10358.23	38.51	10.19	48.70	74.00	-25.30	100	22	peak
2	16448.04	35.43	16.30	51.73	74.00	-22.27	100	272	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10358.01	40.13	10.19	50.32	74.00	-23.68	100	157	peak
2	15875.47	33.35	11.52	44.87	74.00	-29.13	100	71	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9541.105	39.43	7.64	47.07	74.00	-26.93	100	215	peak
2	13831.77	37.69	14.07	51.76	74.00	-22.24	100	128	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10807.33	39.78	12.17	51.95	74.00	-22.05	100	253	peak
2	12402.09	38.54	12.00	50.54	74.00	-23.46	100	181	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10603.93	39.58	11.37	50.95	74.00	-23.05	100	215	peak
2	14362.52	35.58	15.83	51.41	74.00	-22.59	100	238	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10726.27	38.47	11.85	50.32	74.00	-23.68	100	100	peak
2	13994.48	37.44	13.87	51.31	74.00	-22.69	100	35	peak
N/A									

5250~5350MHz

OperationMode:	TX / IEEE 802.11n HT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.72	40.53	12.54	53.07	74.00	-20.93	100	10	peak
2	13872.46	37.02	14.02	51.04	74.00	-22.96	100	183	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10971.33	38.42	12.81	51.23	74.00	-22.77	100	63	peak
2	13423.79	36.92	14.36	51.28	74.00	-22.72	100	112	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10563.35	41.79	11.21	53.00	74.00	-21.00	100	126	peak
2	16569.87	33.99	16.97	50.96	74.00	-23.04	100	339	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.78	39.12	12.31	51.43	74.00	-22.57	100	327	peak
2	13299.61	36.39	14.16	50.55	74.00	-23.45	100	82	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10480.67	40.36	10.86	51.22	74.00	-22.78	100	305	peak
2	14689.83	33.48	16.51	49.99	74.00	-24.01	100	25	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10848.02	38.56	12.33	50.89	74.00	-23.11	100	215	peak
2	16938.12	32.94	17.77	50.71	74.00	-23.29	100	328	peak
N/A									

5470~5725MHz

OperationMode:	TX / IEEE 802.11n HT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.66	40.47	12.54	53.01	74.00	-20.99	100	26	peak
2	13871.63	37.29	14.02	51.31	74.00	-22.69	100	128	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10970.66	38.68	12.81	51.49	74.00	-22.51	100	71	peak
2	13424.38	36.29	14.36	50.65	74.00	-23.35	100	149	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.45	40.93	11.21	52.14	74.00	-21.86	100	148	peak
2	16570.34	33.46	16.97	50.43	74.00	-23.57	100	315	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11217.47	40.07	12.31	52.38	74.00	-21.62	100	352	peak
2	13300.22	37.18	14.16	51.34	74.00	-22.66	100	94	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10480.03	40.34	10.86	51.20	74.00	-22.80	100	152	peak
2	14689.61	33.99	16.51	50.50	74.00	-23.50	100	74	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10848.11	38.48	12.33	50.81	74.00	-23.19	100	215	peak
2	16938.48	32.75	17.77	50.52	74.00	-23.48	100	301	peak
N/A									

5150~5250MHz

OperationMode:	TX / IEEE 802.11n HT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10479.95	42.31	10.86	53.17	74.00	-20.83	100	125	peak
2	15343.71	38.75	12.25	51.00	74.00	-23.00	100	17	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.28	41.89	11.21	53.10	74.00	-20.90	100	242	peak
2	15342.85	36.85	12.25	49.10	74.00	-24.90	100	83	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9214.152	42.89	7.23	50.12	74.00	-	100	205	peak
2	14649.89	36.98	16.53	53.51	74.00	-	100	82	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9009.025	42.94	6.97	49.91	74.00	-24.09	100	160	peak
2	14689.03	36.47	16.51	52.98	74.00	-21.02	100	43	peak
N/A									

5250~5350MHz

OperationMode:	TX / IEEE 802.11n HT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11256.39	38.42	12.19	50.61	74.00	-23.39	100	295	peak
2	14649.96	33.83	16.53	50.36	74.00	-23.64	100	217	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11133.97	40.22	12.54	52.76	74.00	-21.24	100	77	peak
2	13872.66	37.03	14.02	51.05	74.00	-22.95	100	282	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.53	40.02	12.31	52.33	74.00	-21.67	100	309	peak
2	17142.68	32.75	18.68	51.43	74.00	-22.57	100	175	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11093.19	38.67	12.66	50.98	74.00	-23.02	100	175	peak
2	13300.83	37.86	14.16	56.54	74.00	-17.46	100	205	peak
N/A									

5470~5725MHz

OperationMode:	TX / IEEE 802.11n HT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11257.12	39.13	12.19	51.32	74.00	-22.68	100	241	peak
2	14650.75	34.24	16.53	50.77	74.00	-23.23	100	269	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.34	40.19	12.54	52.73	74.00	-21.27	100	75	peak
2	13872.82	37.32	14.02	51.34	74.00	-22.66	100	241	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT40mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11255.77	37.74	12.19	49.93	74.00	-24.07	100	282	peak
2	14650.67	34.09	16.53	50.62	74.00	-23.38	100	243	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.89	40.62	12.54	53.16	74.00	-20.84	100	77	peak
2	13873.55	36.69	14.02	50.71	74.00	-23.29	100	282	peak
N/A									

OperationMode:	TX / IEEE 802.11n HT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11215.61	40.36	12.31	52.67	74.00	-21.33	100	318	peak
2	17142.57	31.76	18.68	50.44	74.00	-23.56	100	194	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11092.48	38.65	12.66	51.31	74.00	-22.69	100	175	peak
2	13300.28	38.68	14.16	52.84	74.00	-21.16	100	205	peak
N/A									

5150~5250MHz

OperationMode:	TX / IEEE 802.11acHT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10358.93	38.04	10.08	48.12	74.00	-25.88	100	24	peak
2	16447.34	35.06	16.59	51.65	74.00	-22.35	100	228	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10357.46	40.88	10.19	51.07	74.00	-22.93	100	183	peak
2	15876.01	32.68	11.52	44.20	74.00	-29.80	100	94	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9541.365	39.66	7.64	47.30	74.00	-26.70	100	183	peak
2	13831.09	37.17	14.07	51.24	74.00	-22.76	100	142	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10807.92	38.93	12.17	51.10	74.00	-22.90	100	24	peak
2	12402.41	39.09	12.00	51.09	74.00	-22.91	100	141	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10604.13	40.34	11.37	51.71	74.00	-22.29	100	215	peak
2	14362.06	36.49	15.83	52.32	74.00	-21.68	100	238	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10726.76	37.69	11.85	49.54	74.00	-24.46	100	82	peak
2	13993.86	37.33	13.87	51.20	74.00	-22.80	100	147	peak
N/A									

5250~5350MHz

OperationMode:	TX / IEEE 802.11acHT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11133.86	40.57	12.54	53.11	74.00	-20.89	100	25	peak
2	13872.28	37.61	14.02	51.63	74.00	-22.37	100	127	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10971.55	39.08	12.81	51.89	74.00	-22.11	100	54	peak
2	13424.63	36.85	14.36	51.21	74.00	-22.79	100	125	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.58	41.51	11.21	52.72	74.00	-21.28	100	105	peak
2	16570.85	34.01	16.97	50.98	74.00	-23.02	100	325	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.48	38.88	12.31	51.19	74.00	-22.81	100	301	peak
2	13299.08	35.91	14.16	50.07	74.00	-23.93	100	141	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10481.17	40.37	10.86	51.23	74.00	-22.77	100	319	peak
2	14688.97	34.02	16.51	50.53	74.00	-23.47	100	174	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10848.69	38.86	12.33	51.19	74.00	-22.81	100	205	peak
2	16937.58	33.34	17.77	51.11	74.00	-22.89	100	337	peak
N/A									

5470~5725MHz

OperationMode:	TX / IEEE 802.11acHT20mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.44	40.21	12.54	52.75	74.00	-21.25	100	24	peak
2	13872.75	38.58	14.02	52.60	74.00	-21.40	100	174	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10971.89	39.73	12.81	52.54	74.00	-21.46	100	71	peak
2	13424.85	37.24	14.36	51.60	74.00	-22.40	100	12	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.52	42.05	11.21	53.26	74.00	-20.74	100	108	peak
2	16570.57	33.47	16.97	50.44	74.00	-23.56	100	314	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.79	38.16	12.31	50.47	74.00	-23.53	100	105	peak
2	13298.34	35.25	14.16	49.41	74.00	-24.59	100	172	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT20mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10480.25	40.54	10.86	51.40	74.00	-22.60	100	175	peak
2	14688.69	33.19	16.51	49.70	74.00	-24.30	100	104	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10849.62	38.64	12.33	50.97	74.00	-23.03	100	175	peak
2	16938.47	34.32	17.77	52.09	74.00	-21.91	100	329	peak
N/A									

5150~5250MHz

OperationMode:	TX / IEEE 802.11acHT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10480.55	42.62	10.86	53.48	74.00	-20.52	100	110	peak
2	15342.92	38.17	12.25	50.42	74.00	-23.58	100	121	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	10562.85	42.89	11.21	54.10	74.00	-19.90	100	271	peak
2	15343.61	36.93	12.25	49.18	74.00	-24.82	100	28	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9213.372	42.69	7.23	49.92	74.00	-24.08	100	217	peak
2	14649.31	37.19	16.53	53.72	74.00	-20.28	100	15	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	9008.065	43.24	6.97	50.21	74.00	-23.79	100	179	peak
2	14689.66	36.18	16.51	52.69	74.00	-21.31	100	42	peak
N/A									

5250~5350MHz

OperationMode:	TX / IEEE 802.11acHT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11257.31	37.73	12.19	49.92	74.00	-24.08	100	202	peak
2	14650.96	33.98	16.53	50.51	74.00	-23.49	100	241	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.13	40.42	12.54	52.96	74.00	-21.04	100	59	peak
2	13872.25	36.28	14.02	50.30	74.00	-23.70	100	217	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.96	40.07	12.31	52.38	74.00	-21.62	100	305	peak
2	17143.45	32.87	18.68	51.55	74.00	-22.45	100	184	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11092.86	37.89	12.66	50.55	74.00	-23.45	100	158	peak
2	13300.28	38.57	14.16	52.73	74.00	-21.27	100	170	peak
N/A									

5470~5725MHz

OperationMode:	TX / IEEE 802.11acHT40mode /CH Low
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11257.27	37.13	12.19	49.32	74.00	-24.68	100	202	peak
2	14651.73	34.23	16.53	50.76	74.00	-23.24	100	241	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11134.84	39.98	12.54	52.52	74.00	-21.48	100	75	peak
2	13872.22	36.99	14.02	51.01	74.00	-22.99	100	305	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT40mode /CH Mid
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.42	40.57	12.31	52.88	74.00	-21.12	100	261	peak
2	17144.16	33.82	18.68	52.50	74.00	-21.50	100	179	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11093.68	38.72	12.66	51.38	74.00	-22.62	100	172	peak
2	13300.87	39.32	14.16	53.48	74.00	-20.52	100	136	peak
N/A									

OperationMode:	TX / IEEE 802.11acHT40mode /CH High
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.89	39.98	12.31	52.29	74.00	-21.71	100	142	peak
2	17142.87	32.29	18.68	50.97	74.00	-23.03	100	195	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11093.05	38.46	12.66	51.12	74.00	-22.88	100	142	peak
2	13300.72	38.35	14.16	52.51	74.00	-21.49	100	193	peak
N/A									

5150~5250MHz

OperationMode:	TX / IEEE 802.11acHT80mode /CH
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11256.52	37.72	12.19	49.91	74.00	-24.09	100	257	peak
2	14650.17	33.05	16.53	49.58	74.00	-24.42	100	243	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11133.97	40.22	12.54	52.76	74.00	-21.24	100	77	peak
2	13872.66	37.03	14.02	51.05	74.00	-22.95	100	282	peak
N/A									

5250~5350MHz

OperationMode:	TX / IEEE 802.11acHT80mode /CH
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.53	40.02	12.31	52.33	74.00	-21.67	100	309	peak
2	17142.68	32.75	18.68	51.43	74.00	-22.57	100	175	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11093.19	38.67	12.66	50.98	74.00	-23.02	100	175	peak
2	13300.83	37.86	14.16	56.54	74.00	-17.46	100	205	peak
N/A									

5470~5725MHz

OperationMode:	TX / IEEE 802.11acHT80mode /CH
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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11216.75	40.66	12.31	52.97	74.00	-21.03	100	241	peak
2	17141.98	32.77	18.68	51.45	74.00	-22.55	100	183	peak
N/A									

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11093.47	38.74	12.66	51.40	74.00	-22.60	100	124	peak
2	13299.85	37.63	14.16	51.79	74.00	-22.21	100	283	peak
N/A									

6.8 POWERLINE CONDUCTED EMISSIONS

LIMIT

According to §15.207(a), except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5	56	46
5 to 30	60	50

* Decreases with the logarithm of the frequency.

TEST CONFIGURATION

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

TEST PROCEDURE

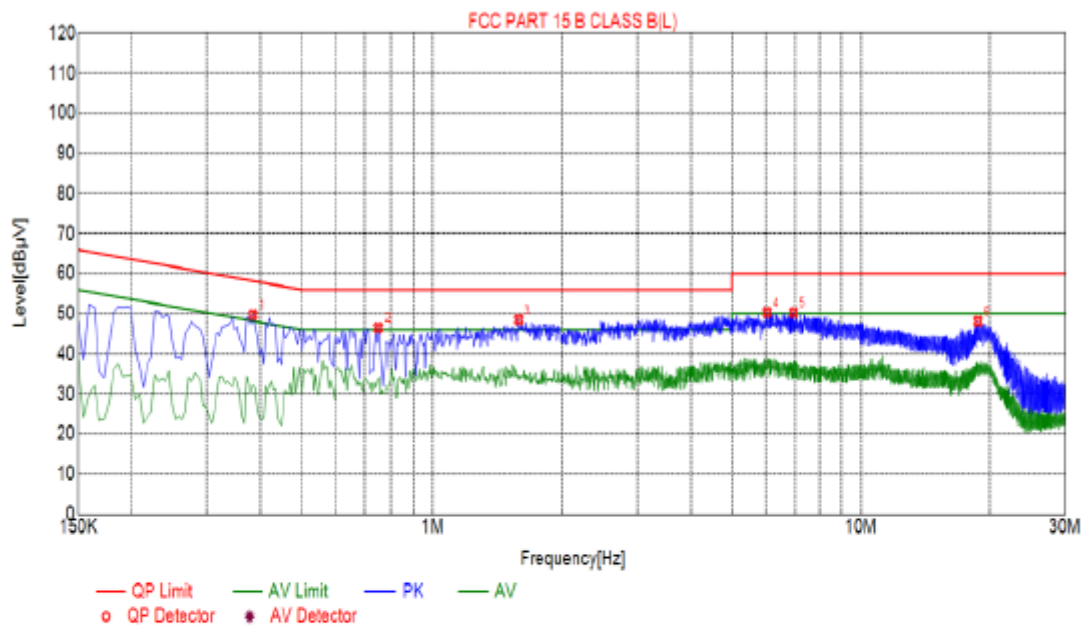
11. The EUT was placed on a table, which is 0.8m above ground plane.
12. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
13. Repeat above procedures until all frequency measured were complete.

TEST RESULTS

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

TestData

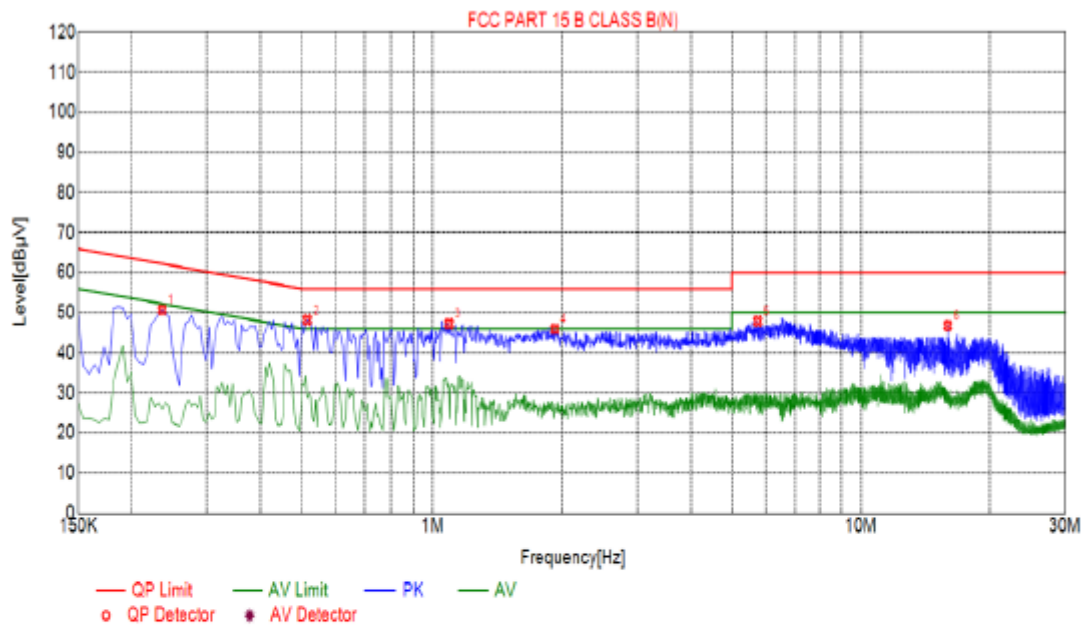
L



Suspected List						
NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Detector
1	0.3840	49.73	10.04	58.19	8.46	PK
2	0.7530	46.50	10.06	56.00	9.50	PK
3	1.5855	48.53	10.11	56.00	7.47	PK
4	6.0360	50.33	10.23	60.00	9.67	PK
5	6.9630	50.26	10.20	60.00	9.74	PK
6	18.7620	48.14	10.06	60.00	11.86	PK

Note: 1. L1 = Line One (Live Line) / L2 = LineTwo (Neutral Line).

N



Suspected List						
NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Detector
1	0.2355	50.72	10.03	62.25	11.53	PK
2	0.5145	48.20	10.04	56.00	7.80	PK
3	1.0905	47.25	10.07	56.00	8.75	PK
4	1.9275	45.94	10.14	56.00	10.06	PK
5	5.7345	47.89	10.24	60.00	12.11	PK
6	15.9585	46.78	9.98	60.00	13.22	PK

Note: 1. L1 = Line One (Live Line) / L2 = LineTwo (Neutral Line)

Remark:

1. The measuring frequencies range between 0.15 MHz and 30 MHz.
2. The emissions measured in the frequency range between 0.15 MHz and 30 MHz were made with an instrument using Quasi-peak detector and Averaged detector.
3. "----" denotes the emission level was or more than 2 dB below the Average limit, and no re-check was made.
4. The IF bandwidth of SPA between 0.15 MHz and 30 MHz was 10 KHz. The IF bandwidth of Test Receiver between 0.15 MHz and 30 MHz was 9 kHz.

END OF REPORT