802.11g					CH11				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
2483.50	24.55	27.26	6.83	0.00	58.64	74.00	-15.36	Vertical	Peak
2500.00	24.22	27.20	6.84	0.00	58.26	74.00	-15.74	Vertical	Peak
2483.50	24.75	27.26	6.83	0.00	58.84	74.00	-15.16	Horizontal	Peak
2500.00	25.60	27.20	6.84	0.00	59.64	74.00	-14.36	Horizontal	Peak
2483.50	14.58	27.26	6.83	0.00	48.67	54.00	-5.33	Vertical	Average
2500.00	12.99	27.20	6.84	0.00	47.03	54.00	-6.97	Vertical	Average
2483.50	13.88	27.26	6.83	0.00	47.97	54.00	-6.03	Horizontal	Average
2500.00	13.00	27.20	6.84	0.00	47.04	54.00	-6.96	Horizontal	Average

802.11n(HT20)					CH01				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
2310.00	26.21	28.05	6.62	0.00	60.88	74.00	-13.12	Vertical	Peak
2390.00	26.37	27.65	6.75	0.00	60.77	74.00	-13.23	Vertical	Peak
2310.00	26.37	28.05	6.62	0.00	61.04	74.00	-12.96	Horizontal	Peak
2390.00	26.78	27.65	6.75	0.00	61.18	74.00	-12.82	Horizontal	Peak
2310.00	13.38	28.05	6.62	0.00	48.05	54.00	-5.95	Vertical	Average
2390.00	13.18	27.65	6.75	0.00	47.58	54.00	-6.42	Vertical	Average
2310.00	13.38	28.05	6.62	0.00	48.05	54.00	-5.95	Horizontal	Average
2390.00	13.43	27.65	6.75	0.00	47.83	54.00	-6.17	Horizontal	Average

802.11n(HT20)					CH11				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
2483.50	24.55	27.26	6.83	0.00	58.64	74.00	-15.36	Vertical	Peak
2500.00	24.22	27.20	6.84	0.00	58.26	74.00	-15.74	Vertical	Peak
2483.50	24.75	27.26	6.83	0.00	58.84	74.00	-15.16	Horizontal	Peak
2500.00	25.60	27.20	6.84	0.00	59.64	74.00	-14.36	Horizontal	Peak
2483.50	14.58	27.26	6.83	0.00	48.67	54.00	-5.33	Vertical	Average
2500.00	12.99	27.20	6.84	0.00	47.03	54.00	-6.97	Vertical	Average
2483.50	13.88	27.26	6.83	0.00	47.97	54.00	-6.03	Horizontal	Average
2500.00	13.00	27.20	6.84	0.00	47.04	54.00	-6.96	Horizontal	Average

802.11n(HT40)					CH03				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
2310.00	25.80	28.05	6.62	0.00	60.47	74.00	-13.53	Vertical	Peak
2389.99	24.99	27.65	6.75	0.00	59.39	74.00	-14.61	Vertical	Peak
2310.00	26.32	28.05	6.62	0.00	60.99	74.00	-13.01	Horizontal	Peak
2389.99	26.60	27.65	6.75	0.00	61.00	74.00	-13.00	Horizontal	Peak
2310.00	13.37	28.05	6.62	0.00	48.04	54.00	-5.96	Vertical	Average
2389.99	14.28	27.65	6.75	0.00	48.68	54.00	-5.32	Vertical	Average
2310.00	13.38	28.05	6.62	0.00	48.05	54.00	-5.95	Horizontal	Average
2389.99	13.43	27.65	6.75	0.00	47.83	54.00	-6.17	Horizontal	Average

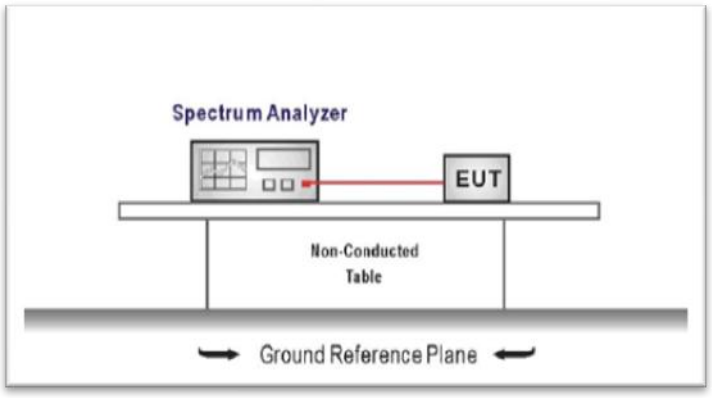
802.11n(HT40)					CH09				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
2483.50	25.72	27.26	6.83	0.00	59.81	74.00	-14.19	Vertical	Peak
2500.00	26.31	27.20	6.84	0.00	60.35	74.00	-13.65	Vertical	Peak
2483.50	27.99	27.26	6.83	0.00	62.08	74.00	-11.92	Horizontal	Peak
2500.00	27.80	27.20	6.84	0.00	61.84	74.00	-12.16	Horizontal	Peak
2483.50	15.61	27.26	6.83	0.00	49.70	54.00	-4.30	Vertical	Average
2500.00	13.11	27.20	6.84	0.00	47.15	54.00	-6.85	Vertical	Average
2483.50	17.20	27.26	6.83	0.00	51.29	54.00	-2.71	Horizontal	Average
2500.00	13.14	27.20	6.84	0.00	47.18	54.00	-6.82	Horizontal	Average

5.7. Band edge and Spurious Emissions (conducted)

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

TEST CONFIGURATION



TEST PROCEDURE

1. Connect the antenna port(s) to the spectrum analyzer input.
2. Establish a reference level by using the following procedure
   Center frequency=DTS channel center frequency
   The span = 1.5 times the DTS bandwidth.
   RBW = 100 kHz, VBW ≥ 3 x RBW
   Detector = peak, Sweep time = auto couple, Trace mode = max hold
   Allow trace to fully stabilize
   Use the peak marker function to determine the maximum PSD level

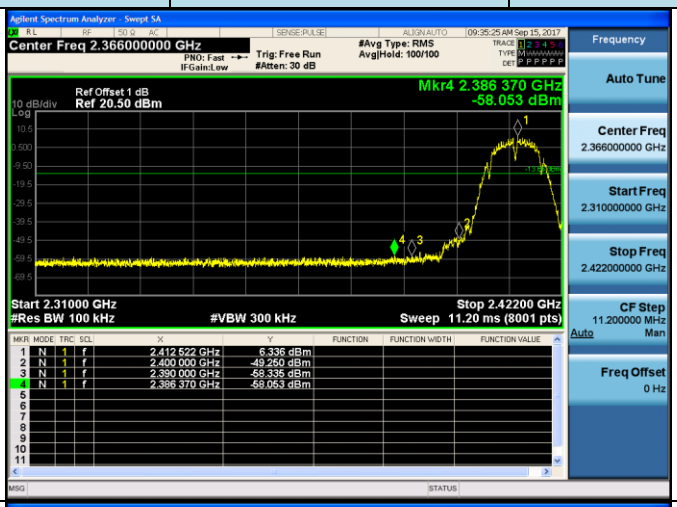
   Note: the channel found to contain the maximum PSD level can be used to establish the reference level.
3. Emission level measurement
   Set the center frequency and span to encompass frequency range to be measured
   RBW = 100 kHz, VBW ≥ 3 x RBW
   Detector = peak, Sweep time = auto couple, Trace mode = max hold
   Allow trace to fully stabilize
   Use the peak marker function to determine the maximum amplitude level.
4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
5. Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

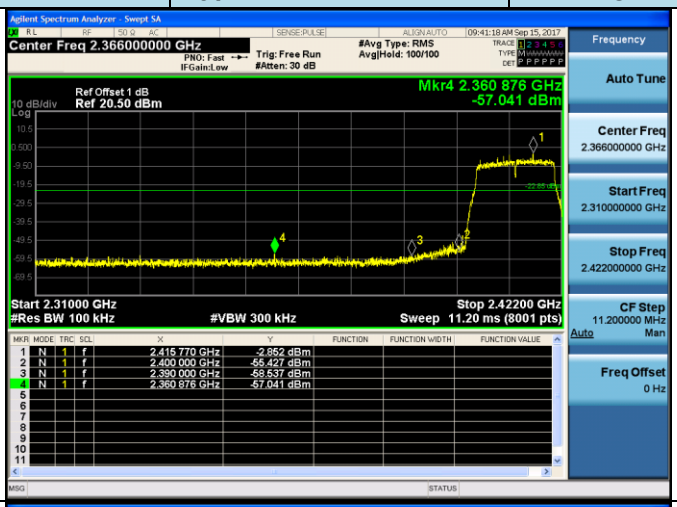
TEST MODE:

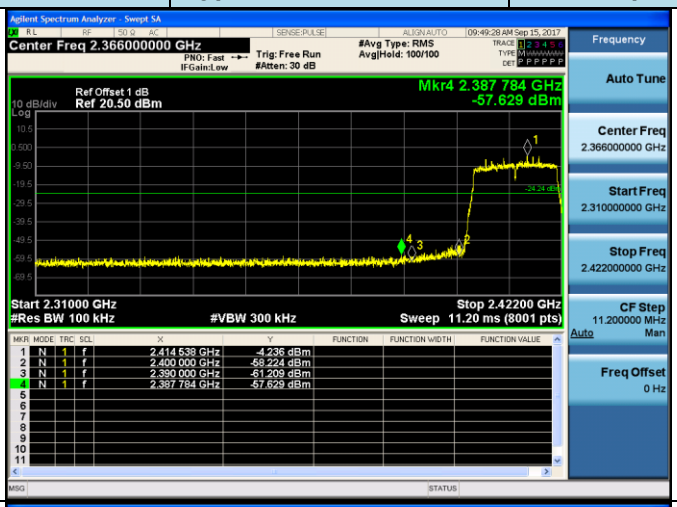
Please refer to the clause 3.3

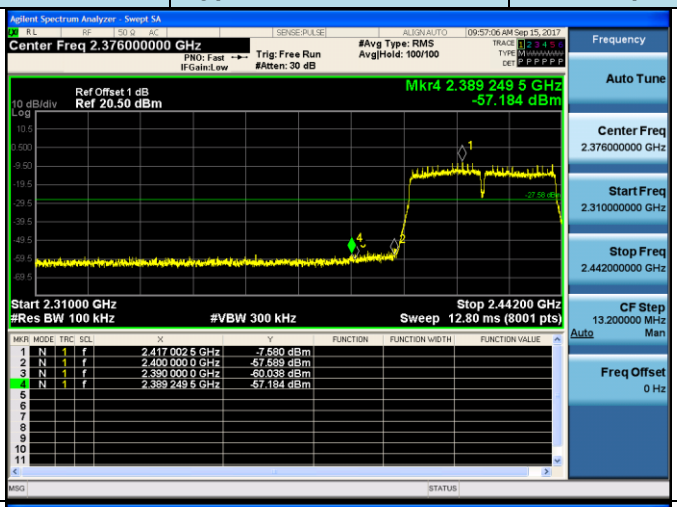
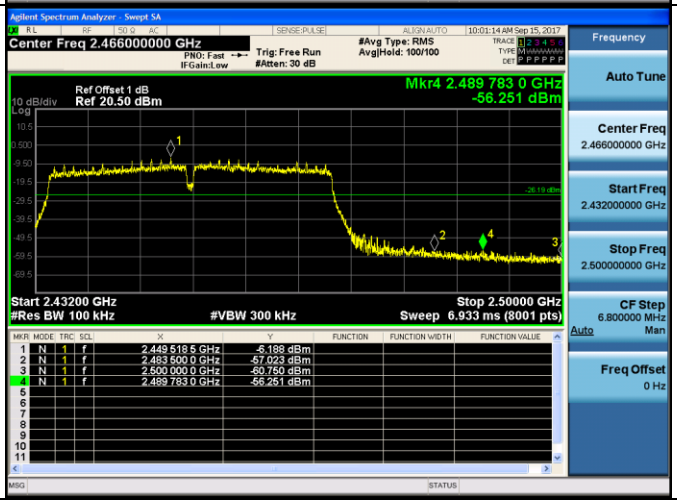
TEST RESULTS

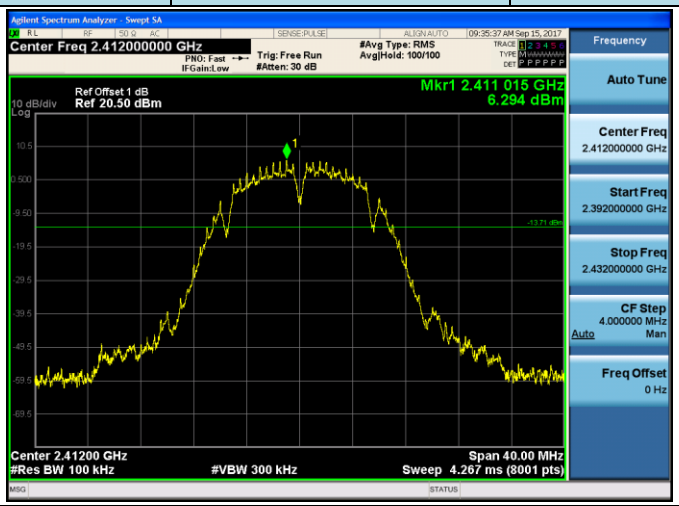
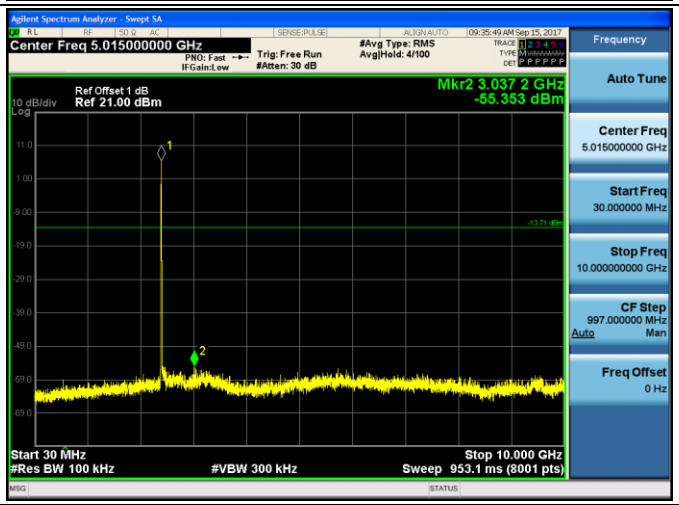
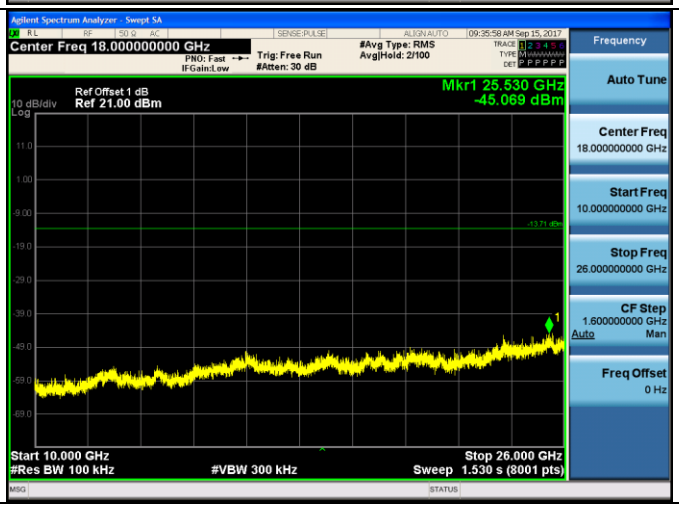
☒ **Passed** ☐ **Not Applicable**

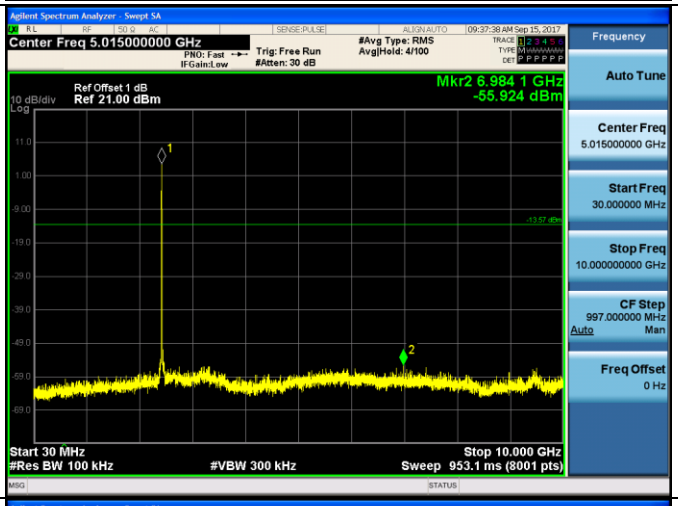
Test Item:	Bandedge	Type:	802.11 b
CH01			
CH11			

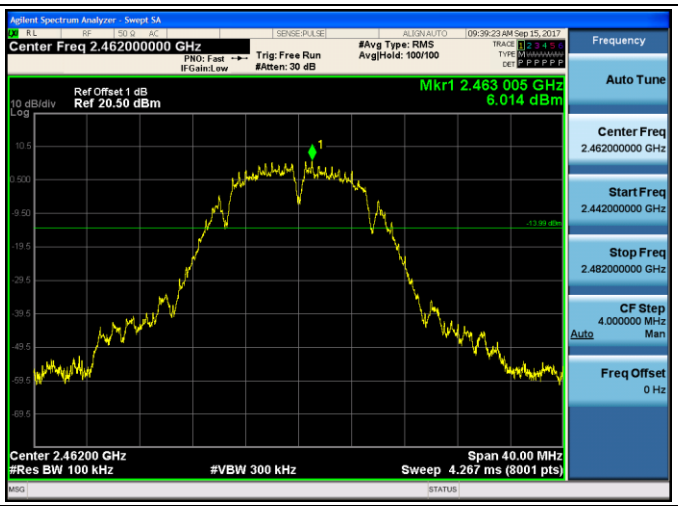
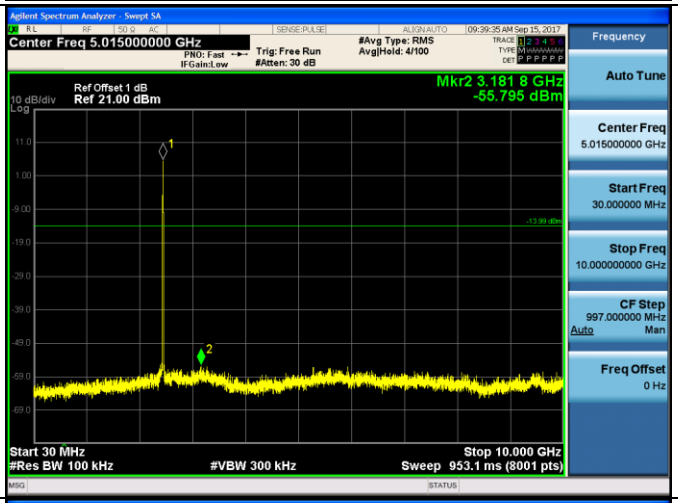
Test Item:	Bandedge	Type:	802.11 g
CH01			
CH11			

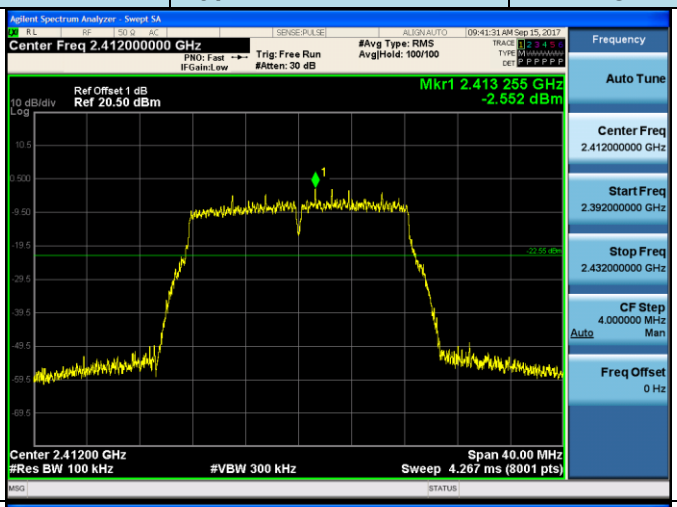
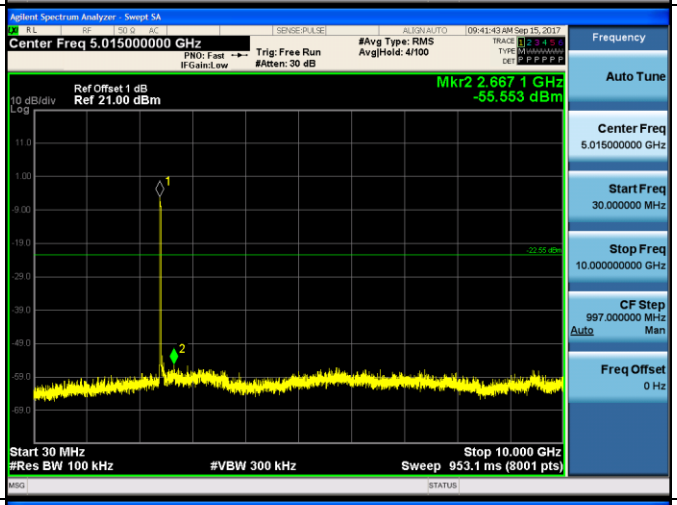
Test Item:	Bandedge	Type:	802.11 n(HT20)
CH01			
CH11			

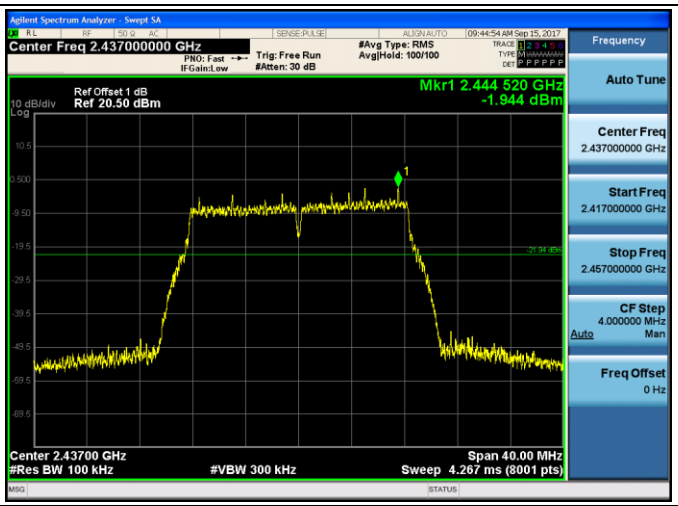
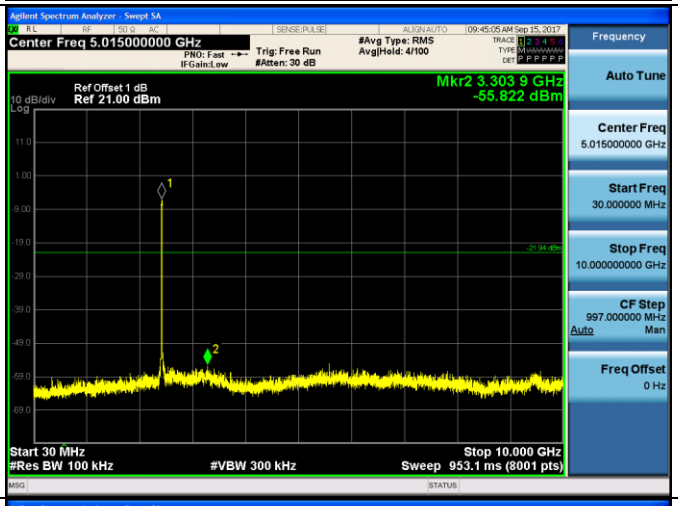
Test Item:	Bandedge	Type:	802.11 n(HT40)
CH03			
CH09			

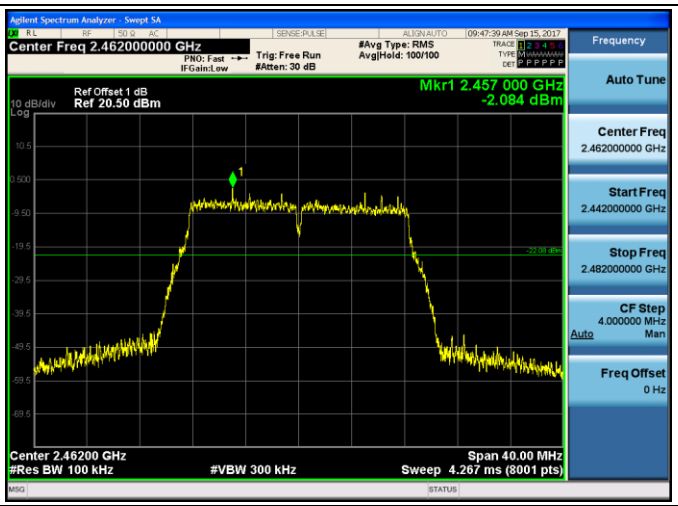
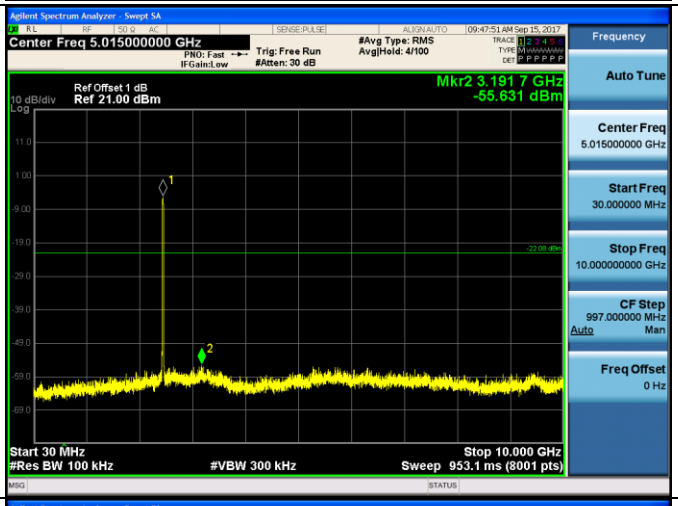
Test Item:	SE	Type:	802.11 b
CH01 Reference Level	
CH01 30MHz~10GHz	
CH01 10GHz~26GHz	

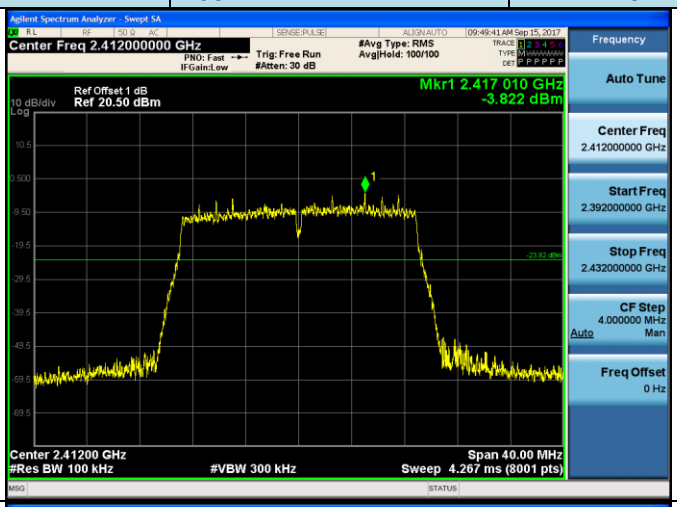
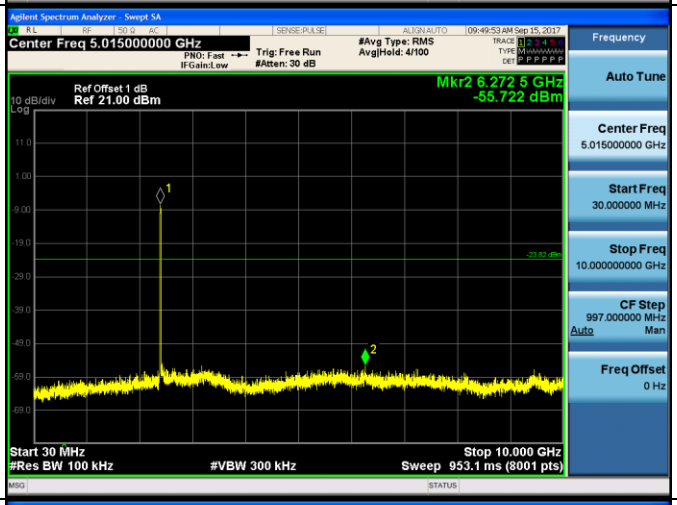
CH06 Reference Level		
CH06 30MHz~10GHz		
CH06 10GHz~26GHz		

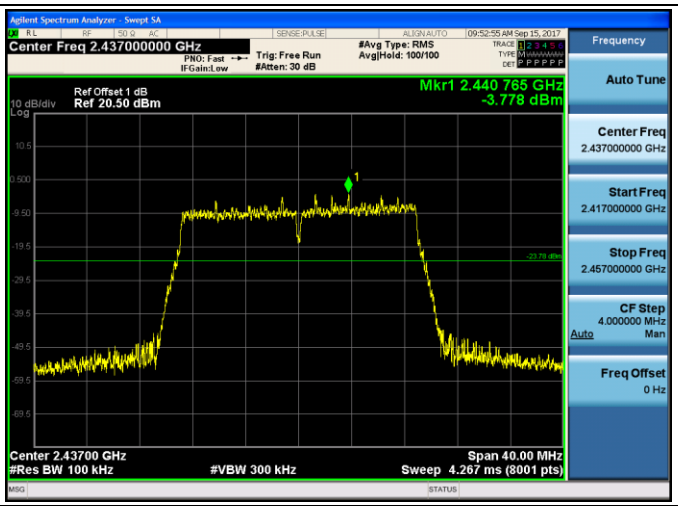
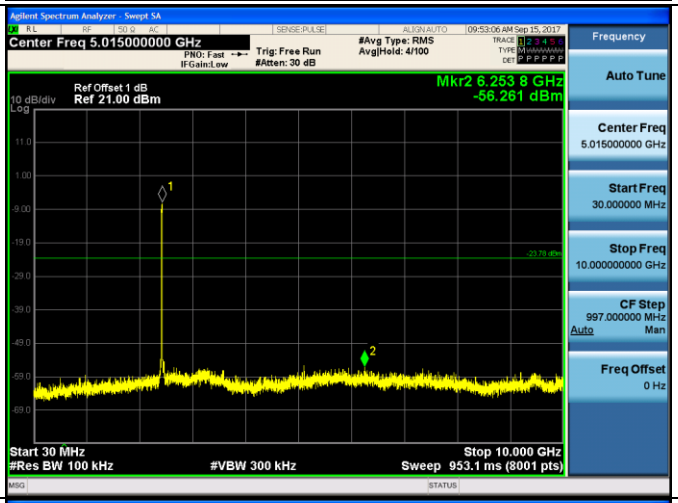
CH11 Reference Level		
CH11 30MHz~10GHz		
CH11 10GHz~26GHz		

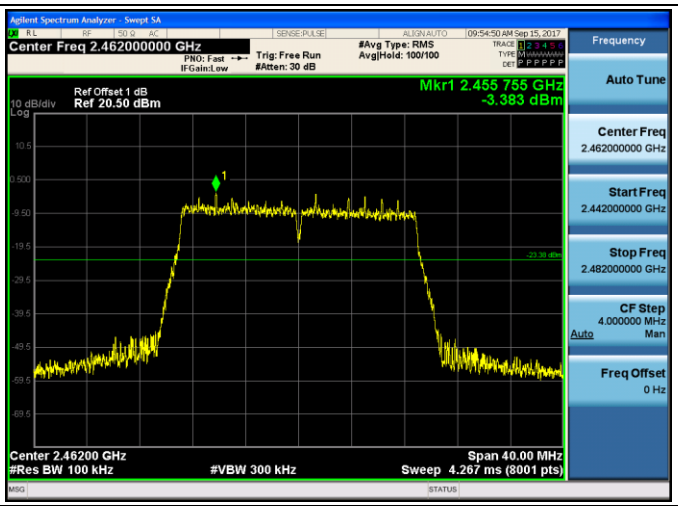
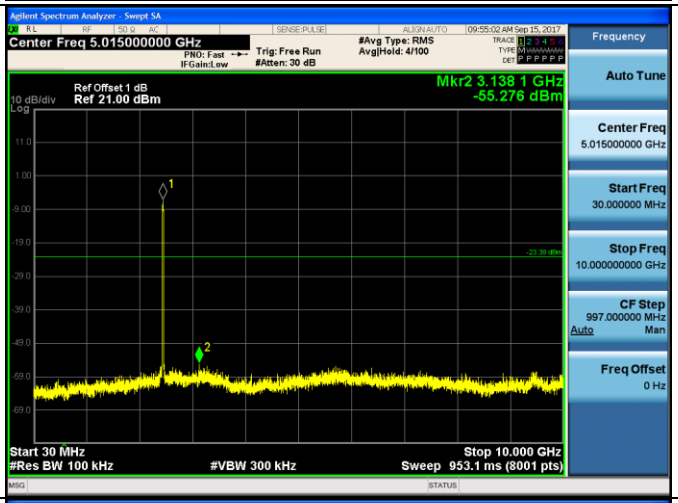
Test Item:	SE	Type:	802.11 g
CH01 Reference Level			
CH01 30MHz~10GHz			
CH01 10GHz~26GHz			

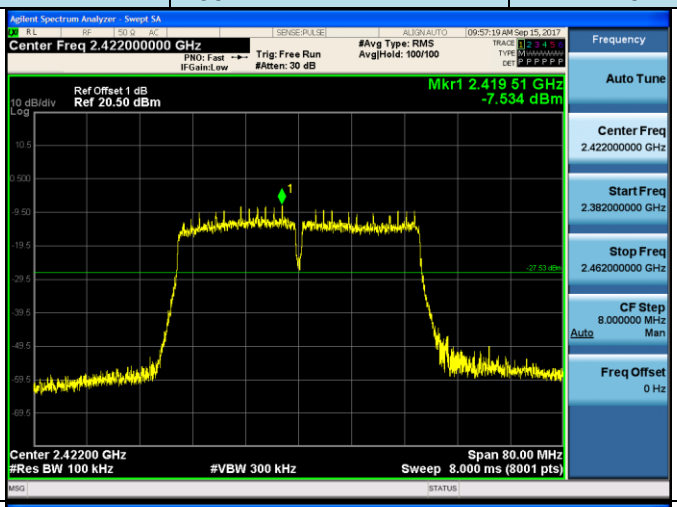
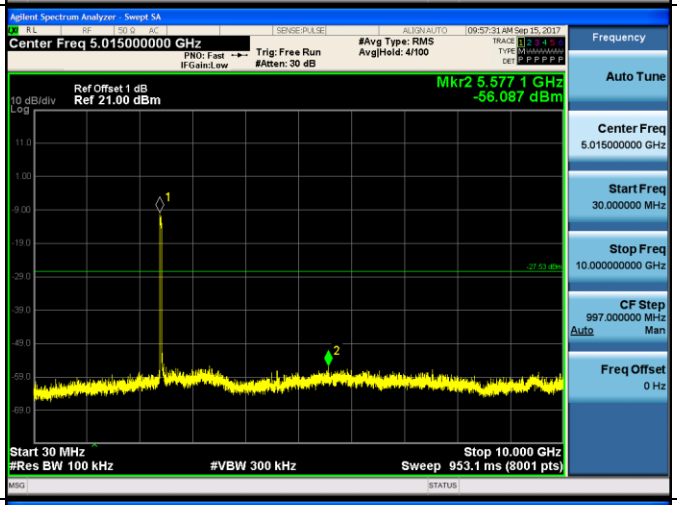
CH06 Reference Level		
CH06 30MHz~10GHz		
CH06 10GHz~26GHz		

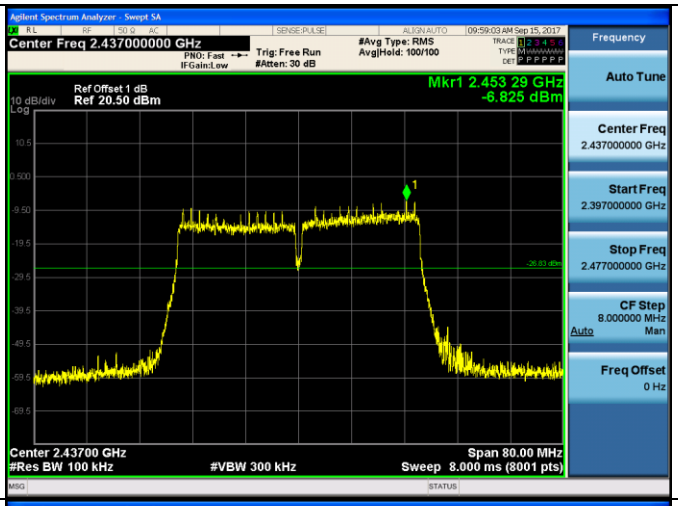
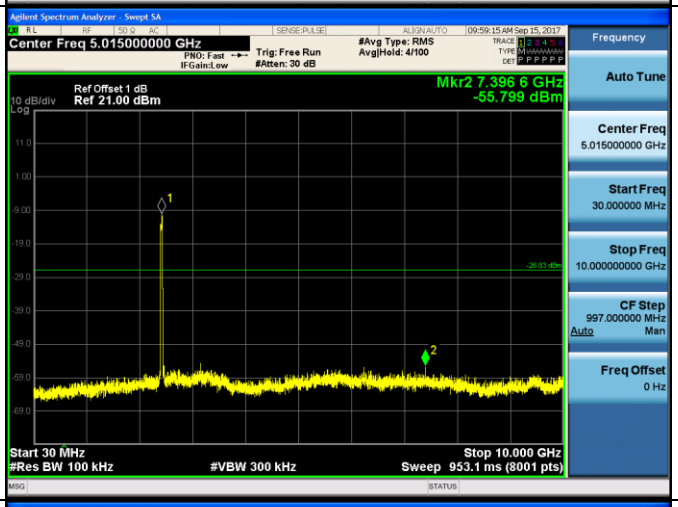
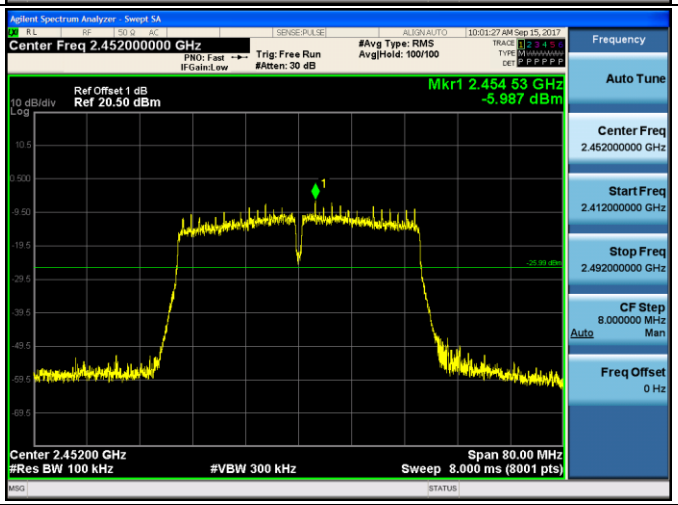
CH11 Reference Level		
CH11 30MHz~10GHz		
CH11 10GHz~26GHz		

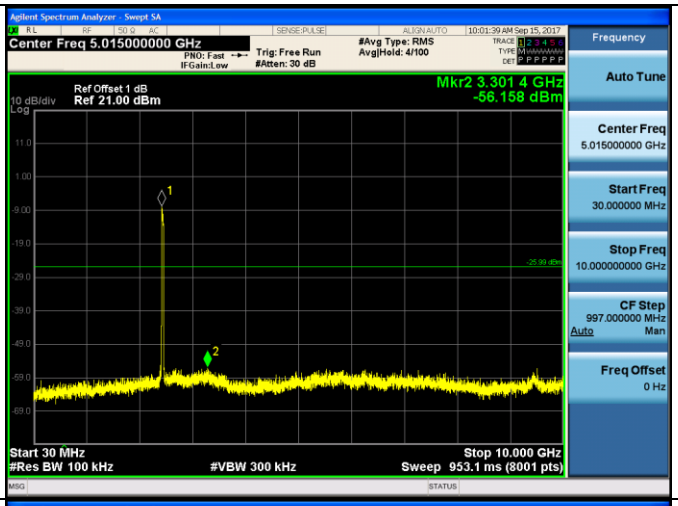
Test Item:	SE	Type:	802.11 n(HT20)
CH01 Reference Level		
CH01 30MHz~10GHz		
CH01 10GHz~26GHz		

CH06 Reference Level		
CH06 30MHz~10GHz		
CH06 10GHz~26GHz		

CH11 Reference Level		
CH11 30MHz~10GHz		
CH11 10GHz~26GHz		

Test Item:	SE	Type:	802.11 n(HT40)
CH03 Reference Level			
CH03 30MHz~10GHz			
CH01 10GHz~26GHz			

CH06 Reference Level		
CH06 30MHz~10GHz		
CH06 10GHz~26GHz		
CH09 Reference Level		

CH09 30MHz~10GHz		
CH09 10GHz~26GHz		

5.8. Spurious Emissions (radiated)

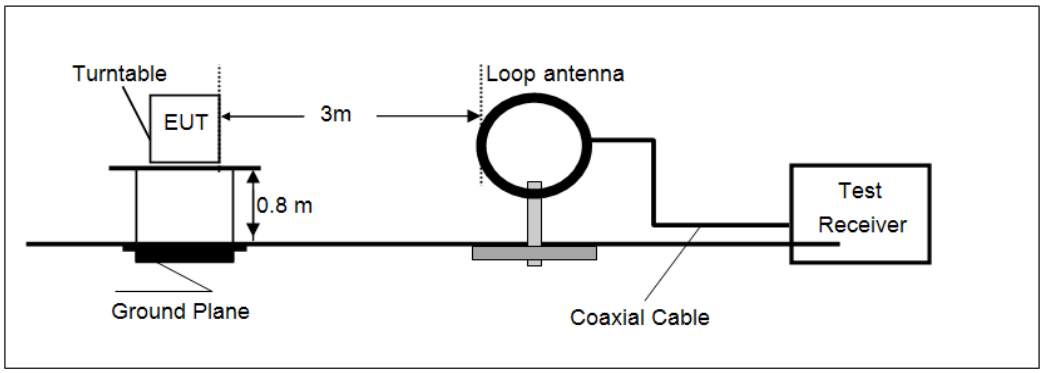
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

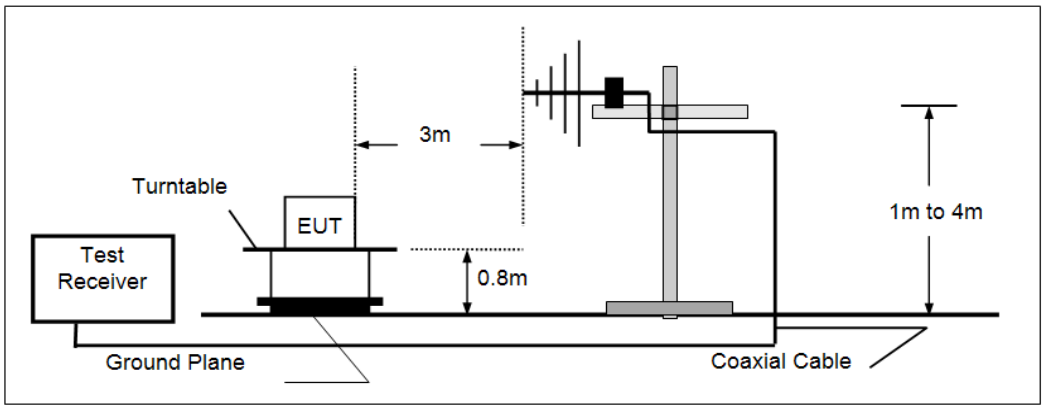
Frequency	Limit (dBuV/m @3m)	Value
30MHz-88MHz	40.00	Quasi-peak
88MHz-216MHz	43.50	Quasi-peak
216MHz-960MHz	46.00	Quasi-peak
960MHz-1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
	74.00	Peak

TEST CONFIGURATION

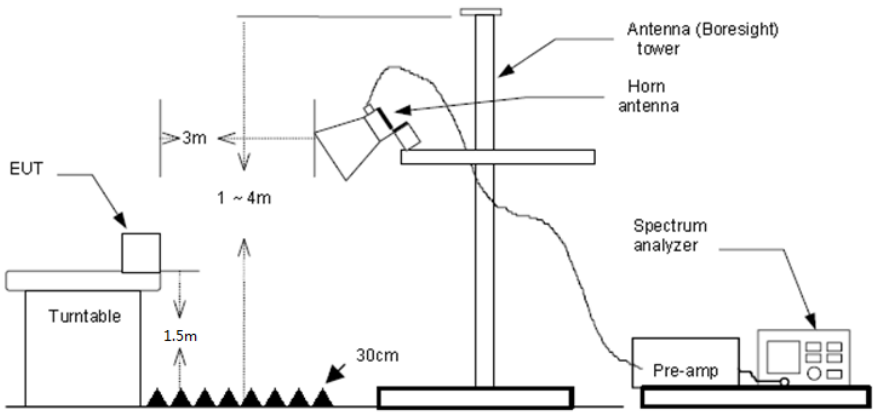
➢ 9kHz ~30MHz



➢ 30MHz ~ 1GHz



➢ Above 1GHz



TEST PROCEDURE

1. The EUT was tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
2. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna.
5. Use the following spectrum analyzer settings
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Below 1GHz, RBW=120kHz, VBW=300kHz, Sweep=auto, Detector function=peak, Trace=max hold;
   If the emission level of the EUT measured by the peak detectoris 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
   (3) Above 1GHz, RBW=1MHz, VBW=3MHz PEAK detector for Peak value.
   RBW=1MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

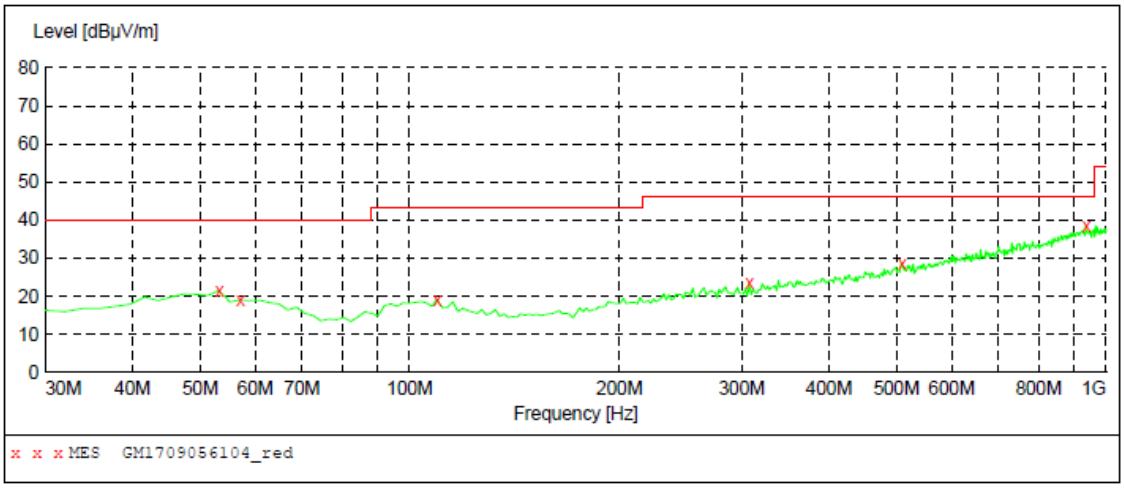
Note:
1) Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2) The emission levels of other frequencies are very lower than the limit and not show in test report.

- **9kHz ~ 30MHz**
  The EUT was pre-scanned the frequency band (9kHz~30MHz), found the radiated level lower than the limit, so don't show on the report.

- **30MHz ~1000MHz**
  Have pre-scan all modulation mode, found the 802.11b mode CH01 which it was worst case, so only the worst case's data on the test report.

➢ **30MHz ~ 1GHz**

Polarization:	Vertical

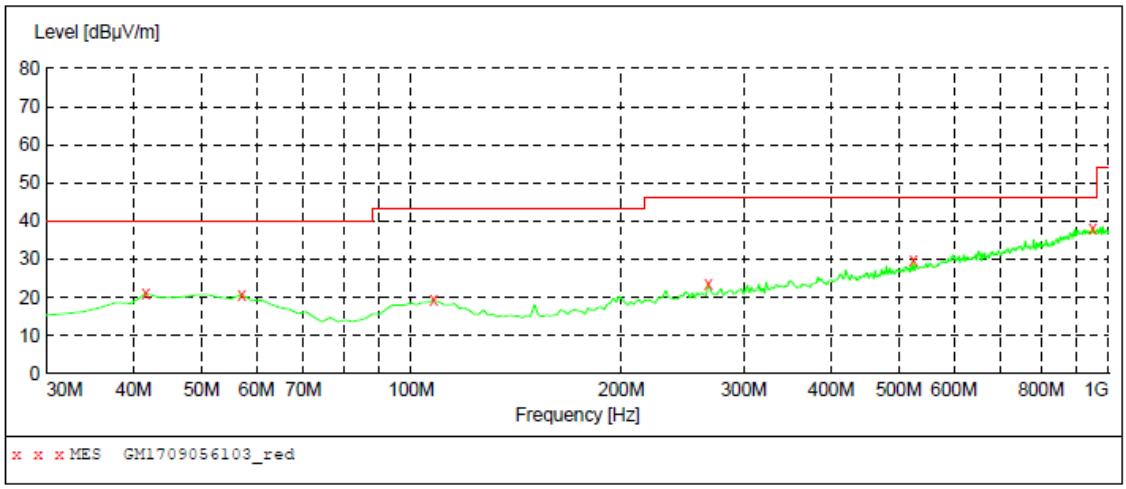


MEASUREMENT RESULT: "GM1709056104_red"

9/5/2017 9:20PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.280000	21.50	-9.0	40.0	18.5	QP	100.0	82.00	VERTICAL
57.160000	19.10	-9.4	40.0	20.9	QP	100.0	252.00	VERTICAL
109.540000	19.20	-10.8	43.5	24.3	QP	100.0	0.00	VERTICAL
307.420000	23.40	-7.1	46.0	22.6	QP	100.0	200.00	VERTICAL
509.180000	28.70	-1.5	46.0	17.3	QP	100.0	289.00	VERTICAL
935.980000	38.50	7.1	46.0	7.5	QP	100.0	53.00	VERTICAL

Polarization:	Horizontal



MEASUREMENT RESULT: "GM1709056103_red"

9/5/2017 9:18PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
41.640000	21.10	-9.5	40.0	18.9	QP	100.0	173.00	HORIZONTAL
57.160000	20.80	-9.4	40.0	19.2	QP	300.0	207.00	HORIZONTAL
107.600000	19.30	-10.6	43.5	24.2	QP	100.0	72.00	HORIZONTAL
266.680000	23.40	-8.0	46.0	22.6	QP	300.0	235.00	HORIZONTAL
524.700000	29.80	-1.2	46.0	16.2	QP	100.0	360.00	HORIZONTAL
947.620000	38.00	7.2	46.0	8.0	QP	100.0	124.00	HORIZONTAL

➢ **Above 1 GHz**

802.11b					CH01				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1257.47	36.54	26.24	4.76	36.54	31.00	74.00	-43.00	Vertical	Peak
3893.52	36.97	29.69	8.63	38.17	37.12	74.00	-36.88	Vertical	Peak
6094.14	31.99	32.50	10.83	35.37	39.95	74.00	-34.05	Vertical	Peak
8882.35	31.77	37.78	13.19	34.33	48.41	74.00	-25.59	Vertical	Peak
1672.30	36.01	25.12	5.71	36.87	29.97	74.00	-44.03	Horizontal	Peak
3080.60	34.70	28.76	7.58	38.22	32.82	74.00	-41.18	Horizontal	Peak
3963.52	35.80	29.70	8.73	38.13	36.10	74.00	-37.90	Horizontal	Peak
6544.35	32.71	34.09	11.26	35.35	42.71	74.00	-31.29	Horizontal	Peak

802.11b					CH06				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1728.56	36.39	25.26	5.82	36.99	30.48	74.00	-43.52	Vertical	Peak
3225.04	34.87	28.65	7.75	38.24	33.03	74.00	-40.97	Vertical	Peak
4343.90	34.25	30.33	9.08	37.59	36.07	74.00	-37.93	Vertical	Peak
7045.74	32.57	35.44	11.85	34.86	45.00	74.00	-29.00	Vertical	Peak
1737.38	36.00	25.28	5.84	37.01	30.11	74.00	-43.89	Horizontal	Peak
4245.51	35.14	30.09	8.98	37.63	36.58	74.00	-37.42	Horizontal	Peak
6851.19	32.55	34.36	11.66	34.94	43.63	74.00	-30.37	Horizontal	Peak
8792.37	32.62	37.72	13.09	34.29	49.14	74.00	-24.86	Horizontal	Peak

802.11b					CH11				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1668.04	35.84	25.11	5.70	36.86	29.79	74.00	-44.21	Vertical	Peak
3367.66	35.45	28.20	7.92	38.49	33.08	74.00	-40.92	Vertical	Peak
3993.90	35.39	29.70	8.77	38.11	35.75	74.00	-38.25	Vertical	Peak
6594.52	32.83	34.19	11.35	35.36	43.01	74.00	-30.99	Vertical	Peak
1711.05	37.37	25.22	5.79	36.95	31.43	74.00	-42.57	Horizontal	Peak
3844.28	35.64	29.64	8.56	38.20	35.64	74.00	-38.36	Horizontal	Peak
5112.49	34.37	31.85	9.76	36.29	39.69	74.00	-34.31	Horizontal	Peak
7470.56	32.86	36.16	12.30	34.88	46.44	74.00	-27.56	Horizontal	Peak

Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

802.11g					CH01				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1715.41	36.09	25.23	5.80	36.96	30.16	74.00	-43.84	Vertical	Peak
3579.82	36.08	29.24	8.24	38.30	35.26	74.00	-38.74	Vertical	Peak
4748.67	34.33	31.40	9.52	37.03	38.22	74.00	-35.78	Vertical	Peak
6816.39	32.43	34.12	11.62	34.97	43.20	74.00	-30.80	Vertical	Peak
1371.15	34.88	25.98	4.95	36.48	29.33	74.00	-44.67	Horizontal	Peak
3080.60	34.70	28.76	7.58	38.22	32.82	74.00	-41.18	Horizontal	Peak
3719.15	35.45	29.36	8.41	38.25	34.97	74.00	-39.03	Horizontal	Peak
5151.68	33.28	31.69	9.79	36.25	38.51	74.00	-35.49	Horizontal	Peak

802.11g					CH06				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1728.56	36.39	25.26	5.82	36.99	30.48	74.00	-43.52	Vertical	Peak
3225.04	34.87	28.65	7.75	38.24	33.03	74.00	-40.97	Vertical	Peak
4034.78	35.43	29.77	8.81	38.03	35.98	74.00	-38.02	Vertical	Peak
5099.49	34.60	31.90	9.75	36.30	39.95	74.00	-34.05	Vertical	Peak
1333.28	36.75	26.10	4.89	36.50	31.24	74.00	-42.76	Horizontal	Peak
3192.37	35.71	28.80	7.71	38.20	34.02	74.00	-39.98	Horizontal	Peak
4605.81	33.75	30.92	9.46	37.22	36.91	74.00	-37.09	Horizontal	Peak
6713.08	32.23	34.17	11.50	35.15	42.75	74.00	-31.25	Horizontal	Peak

802.11g					CH11				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1319.78	35.96	26.14	4.86	36.50	30.46	74.00	-43.54	Vertical	Peak
3325.07	34.68	28.20	7.87	38.42	32.33	74.00	-41.67	Vertical	Peak
4512.97	34.45	30.73	9.32	37.37	37.13	74.00	-36.87	Vertical	Peak
6594.52	32.83	34.19	11.35	35.36	43.01	74.00	-30.99	Vertical	Peak
1711.05	37.37	25.22	5.79	36.95	31.43	74.00	-42.57	Horizontal	Peak
3489.84	35.61	28.92	8.10	38.42	34.21	74.00	-39.79	Horizontal	Peak
5022.19	33.83	31.59	9.69	36.38	38.73	74.00	-35.27	Horizontal	Peak
6713.08	34.22	34.17	11.50	35.15	44.74	74.00	-29.26	Horizontal	Peak

Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

802.11n(HT20)					CH01				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1842.14	-70.68	25.36	6.03	37.17	-76.46	-32.99	-43.47	Vertical	Peak
3579.82	-70.91	29.24	8.24	38.30	-71.73	-32.99	-38.74	Vertical	Peak
5490.18	-73.70	31.86	10.19	36.38	-68.03	-32.99	-35.04	Vertical	Peak
6868.65	-74.30	34.48	11.69	34.92	-63.05	-32.99	-30.06	Vertical	Peak
1371.15	34.88	25.98	4.95	36.48	29.33	74.00	-44.67	Horizontal	Peak
3080.60	34.70	28.76	7.58	38.22	32.82	74.00	-41.18	Horizontal	Peak
3719.15	35.45	29.36	8.41	38.25	34.97	74.00	-39.03	Horizontal	Peak
5151.68	33.28	31.69	9.79	36.25	38.51	74.00	-35.49	Horizontal	Peak

802.11n(HT20)					CH06				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1728.56	36.39	25.26	5.82	36.99	30.48	74.00	-43.52	Vertical	Peak
3225.04	34.87	28.65	7.75	38.24	33.03	74.00	-40.97	Vertical	Peak
4724.56	33.91	31.30	9.51	37.06	37.66	74.00	-36.34	Vertical	Peak
6886.15	32.48	34.60	11.71	34.90	43.89	74.00	-30.11	Vertical	Peak
1333.28	36.75	26.10	4.89	36.50	31.24	74.00	-42.76	Horizontal	Peak
3192.37	35.71	28.80	7.71	38.20	34.02	74.00	-39.98	Horizontal	Peak
3973.62	35.67	29.70	8.74	38.13	35.98	74.00	-38.02	Horizontal	Peak
5138.58	33.80	31.74	9.78	36.26	39.06	74.00	-34.94	Horizontal	Peak

802.11n(HT20)					CH11				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1759.64	36.99	25.32	5.88	37.06	31.13	74.00	-42.87	Vertical	Peak
3480.97	35.68	28.85	8.09	38.44	34.18	74.00	-39.82	Vertical	Peak
4846.37	33.23	31.51	9.57	36.83	37.48	74.00	-36.52	Vertical	Peak
6428.77	32.29	33.50	11.04	35.32	41.51	74.00	-32.49	Vertical	Peak
1711.05	37.37	25.22	5.79	36.95	31.43	74.00	-42.57	Horizontal	Peak
3489.84	35.61	28.92	8.10	38.42	34.21	74.00	-39.79	Horizontal	Peak
4354.97	35.64	30.37	9.09	37.58	37.52	74.00	-36.48	Horizontal	Peak
5806.41	32.77	32.11	10.59	35.32	40.15	74.00	-33.85	Horizontal	Peak

Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

802.11n(HT40)					CH03				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1521.98	35.48	25.60	5.35	36.62	29.81	74.00	-44.19	Vertical	Peak
3135.99	35.47	28.80	7.64	38.21	33.70	74.00	-40.30	Vertical	Peak
4034.78	36.50	29.77	8.81	38.03	37.05	74.00	-36.95	Vertical	Peak
6251.26	33.23	33.00	11.00	35.30	41.93	74.00	-32.07	Vertical	Peak
1809.61	36.84	25.39	5.97	37.15	31.05	74.00	-42.95	Horizontal	Peak
3208.66	34.35	28.75	7.73	38.22	32.61	74.00	-41.39	Horizontal	Peak
5073.59	33.32	31.80	9.73	36.33	38.52	74.00	-35.48	Horizontal	Peak
6283.16	32.21	33.07	11.00	35.30	40.98	74.00	-33.02	Horizontal	Peak

802.11n(HT40)					CH06				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1904.12	38.50	25.34	6.12	37.22	32.74	74.00	-41.26	Vertical	Peak
3579.82	36.38	29.24	8.24	38.30	35.56	74.00	-38.44	Vertical	Peak
5646.08	33.40	31.71	10.34	35.74	39.71	74.00	-34.29	Vertical	Peak
7099.75	33.14	35.60	11.85	34.93	45.66	74.00	-28.34	Vertical	Peak
1953.21	43.70	25.84	6.20	37.26	38.48	74.00	-35.52	Horizontal	Peak
3672.11	35.39	29.30	8.35	38.26	34.78	74.00	-39.22	Horizontal	Peak
5703.86	33.12	31.62	10.44	35.58	39.60	74.00	-34.40	Horizontal	Peak
6886.15	32.01	34.60	11.71	34.90	43.42	74.00	-30.58	Horizontal	Peak

802.11n(HT40)					CH09				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1680.83	36.89	25.14	5.73	36.89	30.87	74.00	-43.13	Vertical	Peak
4202.50	35.78	30.01	8.94	37.65	37.08	74.00	-36.92	Vertical	Peak
5125.52	34.78	31.80	9.77	36.27	40.08	74.00	-33.92	Vertical	Peak
7489.60	33.47	36.12	12.36	34.89	47.06	74.00	-26.94	Vertical	Peak
1715.41	37.01	25.23	5.80	36.96	31.08	74.00	-42.92	Horizontal	Peak
3834.51	34.89	29.63	8.55	38.21	34.86	74.00	-39.14	Horizontal	Peak
4971.32	34.09	31.47	9.65	36.48	38.73	74.00	-35.27	Horizontal	Peak
6662.01	33.83	34.20	11.43	35.25	44.21	74.00	-29.79	Horizontal	Peak

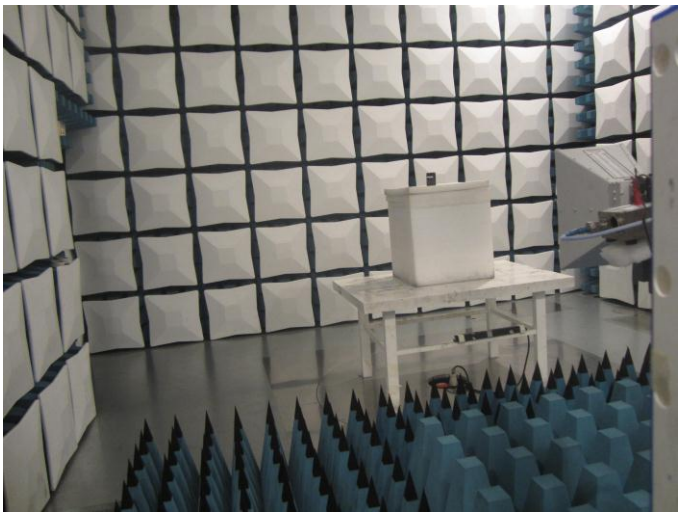
Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

6. TEST SETUP PHOTOS

Conducted Emissions

Radiated Emissions



7. EXTERANAL AND INTERNAL PHOTOS

Reference to the test report No.: TRE1708019401.

.....End of Report.....