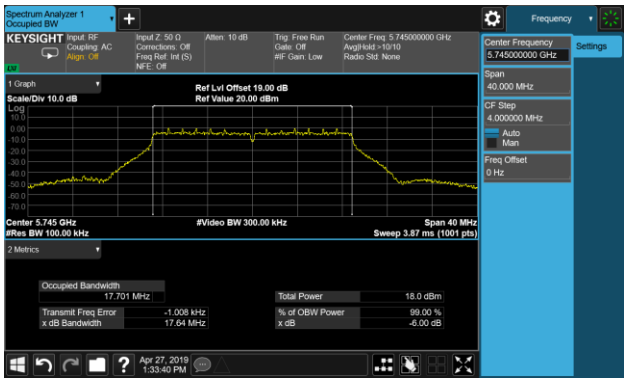
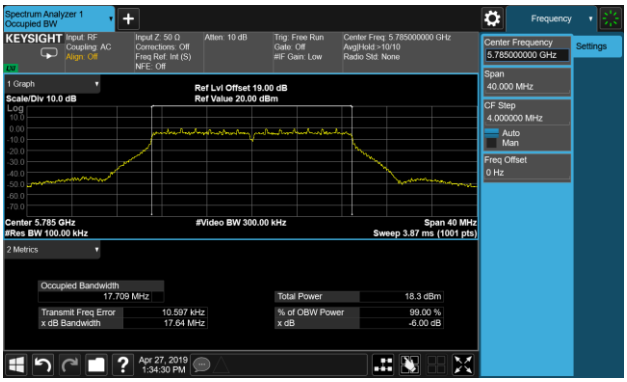
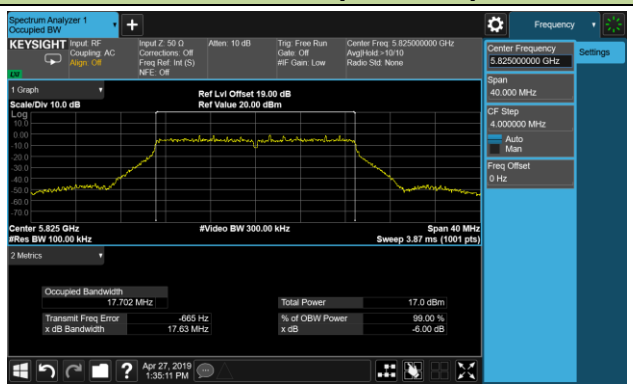
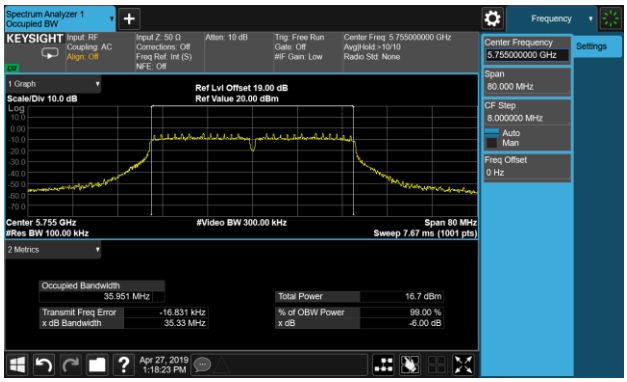
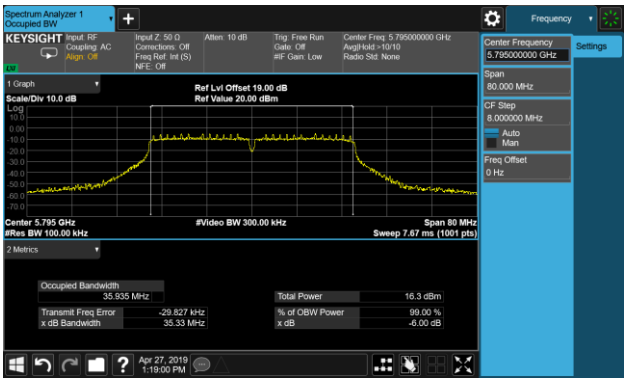
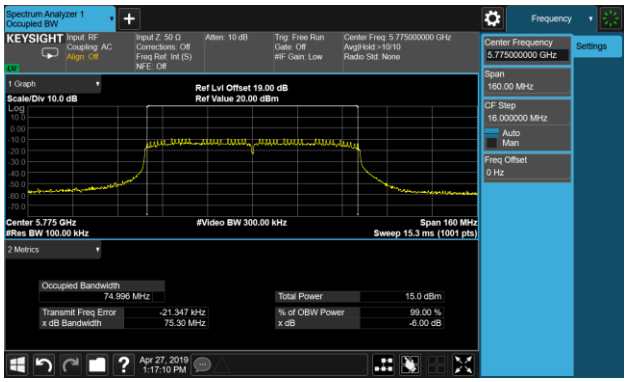
802.11ac-VHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ac-VHT80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

7.4. Output Power Measurement

7.4.1.TestLimit

For FCC

For 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 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm).

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Additional Requirement for IC

For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW (23.01dBm) or 10 + 10 $\log_{10}$ B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power shall not exceed 250 mW (23.98dBm) or 11 + 10 $\log_{10}$ B, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W (30dBm) or 17 + 10 $\log_{10}$ B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

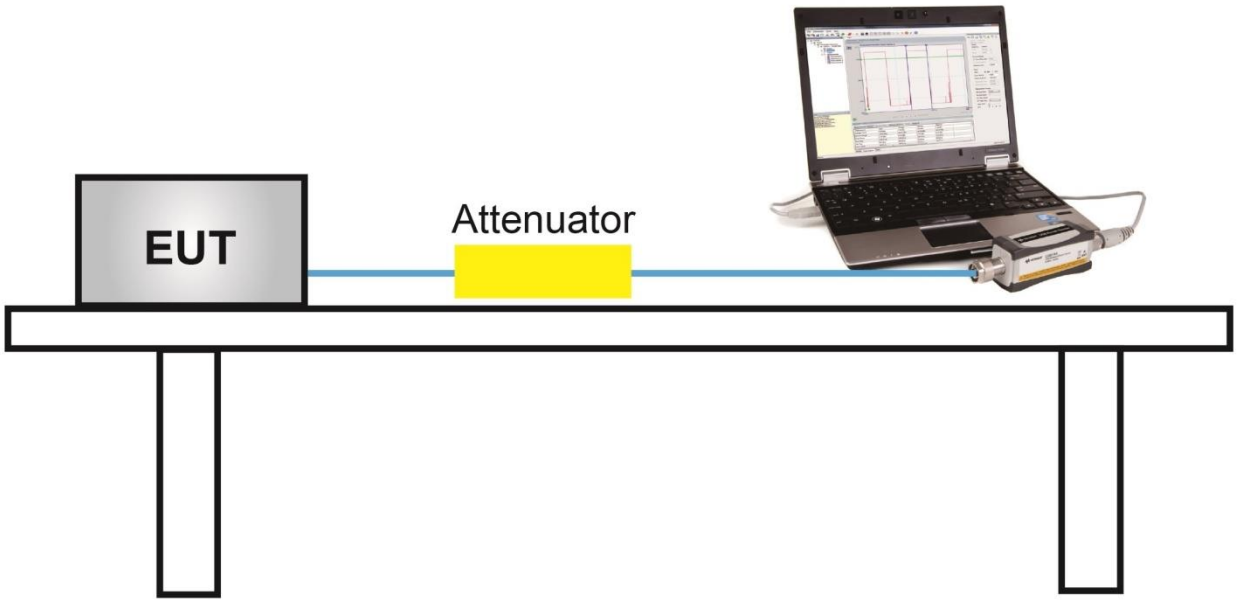
7.4.2.Test Procedure Used

ANSI C63.10-2013- Section 12.3.3.2 Method PM-G

7.4.3.Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

7.4.4.Test Setup



7.4.5.TestResult

Output power test was verified over all data rates of each mode shown as below table,and then choose the maximum outputpower (gray marker) for final test of each channel.

Test Mode	Bandwidth	Channel No.	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11a	20	36	5180	6Mbps	13.86
				24Mbps	13.65
				54Mbps	13.43
802.11n	20	36	5180	MCS0	11.93
				MCS4	11.84
				MCS7	11.67
802.11n	40	38	5190	MCS0	10.19
				MCS4	10.09
				MCS7	9.95
802.11ac	20	36	5180	MCS0	12.12
				MCS4	12.03
				MCS8	11.89
802.11ac	40	38	5190	MCS0	10.20
				MCS4	10.04
				MCS9	9.87
802.11ac	80	42	5210	MCS0	8.13
				MCS4	8.01
				MCS9	7.88

Product	Tablet	Temperature	22℃
Test Engineer	Flag Yang	Relative Humidity	52%
Test Site	TR3	Test Date	2019/04/21

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)	Max. EIRP (dBm)	EIRP Limit (dBm)	Result
11a	6Mbps	36	5180	13.86	≤ 23.98	18.45	≤ 22.24	Pass
11a	6Mbps	44	5220	14.22	≤ 23.98	18.81	≤ 22.24	Pass
11a	6Mbps	48	5240	14.20	≤ 23.98	18.79	≤ 22.24	Pass
11a	6Mbps	52	5260	14.19	≤ 23.24	18.78	≤ 29.24	Pass
11a	6Mbps	60	5300	14.06	≤ 23.24	18.65	≤ 29.24	Pass
11a	6Mbps	64	5320	13.92	≤ 23.24	18.51	≤ 29.24	Pass
11a	6Mbps	100	5500	13.96	≤ 23.24	18.55	≤ 29.24	Pass
11a	6Mbps	116	5580	13.85	≤ 23.24	18.44	≤ 29.24	Pass
11a	6Mbps	120	5600	14.04	≤ 23.24	18.63	≤ 29.24	Pass
11a	6Mbps	140	5700	13.95	≤ 23.24	18.54	≤ 29.24	Pass
11a	6Mbps	149	5745	14.06	≤ 30.00	--	--	Pass
11a	6Mbps	157	5785	14.18	≤ 30.00	--	--	Pass
11a	6Mbps	165	5825	14.15	≤ 30.00	--	--	Pass
11n-HT20	MCS0	36	5180	11.93	≤ 23.98	16.52	≤ 22.51	Pass
11n-HT20	MCS0	44	5220	12.10	≤ 23.98	16.69	≤ 22.51	Pass
11n-HT20	MCS0	48	5240	12.07	≤ 23.98	16.66	≤ 22.51	Pass
11n-HT20	MCS0	52	5260	12.03	≤ 23.51	16.62	≤29.51	Pass
11n-HT20	MCS0	60	5300	11.83	≤ 23.51	16.42	≤29.51	Pass
11n-HT20	MCS0	64	5320	11.88	≤ 23.51	16.47	≤29.51	Pass
11n-HT20	MCS0	100	5500	11.94	≤ 23.51	16.53	≤29.51	Pass
11n-HT20	MCS0	116	5580	12.03	≤ 23.51	16.62	≤29.51	Pass
11n-HT20	MCS0	120	5600	12.01	≤ 23.51	16.60	≤29.51	Pass
11n-HT20	MCS0	140	5700	11.95	≤ 23.51	16.54	≤29.51	Pass
11n-HT20	MCS0	149	5745	11.97	≤ 30.00	--	--	Pass
11n-HT20	MCS0	157	5785	11.96	≤ 30.00	--	--	Pass
11n-HT20	MCS0	165	5825	12.09	≤ 30.00	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)	Max. EIRP (dBm)	EIRP Limit (dBm)	Result
11n-HT40	MCS0	38	5190	10.19	≤ 23.98	14.78	≤ 23.01	Pass
11n-HT40	MCS0	46	5230	10.21	≤ 23.98	14.80	≤ 23.01	Pass
11n-HT40	MCS0	54	5270	9.95	≤ 23.98	14.54	≤ 30.00	Pass
11n-HT40	MCS0	62	5310	10.15	≤ 23.98	14.74	≤ 30.00	Pass
11n-HT40	MCS0	102	5510	10.12	≤ 23.98	14.71	≤ 30.00	Pass
11n-HT40	MCS0	110	5550	9.97	≤ 23.98	14.56	≤ 30.00	Pass
11n-HT40	MCS0	118	5590	9.99	≤ 23.98	14.58	≤ 30.00	Pass
11n-HT40	MCS0	134	5670	10.23	≤ 23.98	14.82	≤ 30.00	Pass
11n-HT40	MCS0	151	5755	10.08	≤ 30.00	--	--	Pass
11n-HT40	MCS0	159	5795	9.95	≤ 30.00	--	--	Pass
11ac-VHT20	MCS0	36	5180	12.12	≤ 23.98	16.71	≤ 22.51	Pass
11ac-VHT20	MCS0	44	5220	12.11	≤ 23.98	16.70	≤ 22.51	Pass
11ac-VHT20	MCS0	48	5240	12.01	≤ 23.98	16.60	≤ 22.51	Pass
11ac-VHT20	MCS0	52	5260	11.92	≤ 23.51	16.51	≤29.51	Pass
11ac-VHT20	MCS0	60	5300	11.83	≤ 23.51	16.42	≤29.51	Pass
11ac-VHT20	MCS0	64	5320	11.85	≤ 23.51	16.44	≤29.51	Pass
11ac-VHT20	MCS0	100	5500	11.92	≤ 23.51	16.51	≤29.51	Pass
11ac-VHT20	MCS0	116	5580	12.03	≤ 23.51	16.62	≤29.51	Pass
11ac-VHT20	MCS0	120	5600	11.97	≤ 23.51	16.56	≤29.51	Pass
11ac-VHT20	MCS0	140	5700	11.95	≤ 23.51	16.54	≤29.51	Pass
11ac-VHT20	MCS0	149	5745	12.18	≤ 30.00	--	--	Pass
11ac-VHT20	MCS0	157	5785	12.22	≤ 30.00	--	--	Pass
11ac-VHT20	MCS0	165	5825	11.88	≤ 30.00	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power Limit (dBm)	Max. EIRP (dBm)	EIRP Limit (dBm)	Result
11ac-VHT40	MCS0	38	5190	10.20	≤ 23.98	14.79	≤ 23.01	Pass
11ac-VHT40	MCS0	46	5230	10.14	≤ 23.98	14.73	≤ 23.01	Pass
11ac-VHT40	MCS0	54	5270	10.05	≤ 23.98	14.64	≤ 30.00	Pass
11ac-VHT40	MCS0	62	5310	9.98	≤ 23.98	14.57	≤ 30.00	Pass
11ac-VHT40	MCS0	102	5510	10.14	≤ 23.98	14.73	≤ 30.00	Pass
11ac-VHT40	MCS0	110	5550	10.05	≤ 23.98	14.64	≤ 30.00	Pass
11ac-VHT40	MCS0	118	5590	9.96	≤ 23.98	14.55	≤ 30.00	Pass
11ac-VHT40	MCS0	134	5670	10.23	≤ 23.98	14.82	≤ 30.00	Pass
11ac-VHT40	MCS0	151	5755	10.05	≤ 30.00	--	--	Pass
11ac-VHT40	MCS0	159	5795	10.11	≤ 30.00	--	--	Pass
11ac-VHT80	MCS0	42	5210	8.13	≤ 23.98	12.72	≤ 23.01	Pass
11ac-VHT80	MCS0	58	5290	8.17	≤ 23.98	12.76	≤ 30.00	Pass
11ac-VHT80	MCS0	106	5530	8.52	≤ 23.98	13.11	≤ 30.00	Pass
11ac-VHT80	MCS0	122	5610	8.13	≤ 23.98	12.72	≤ 30.00	Pass
11ac-VHT80	MCS0	155	5775	8.34	≤ 30.00	--	--	Pass

Note 1: Max EIRP (dBm) = Average Power (dBm) + Antenna Gain (dBi), Antenna Gain = 4.59dBi.

Note 2: EIRP Limit Calculation as below:

For 5150-5250MHz:

802.11a: 10 + 10 $\log_{10}$(16.76MHz) = 22.24dBm< 23.01dBm;

802.11n-HT20: 10 + 10 log10 (17.83MHz) = 22.51dBm< 23.01dBm;

802.11ac-VHT20: 10 + 10 log10 (17.84MHz) = 22.51dBm< 23.01dBm;

802.11n-HT40/ac-VHT40/ac-VHT80: 10 + 10 log10 (99% BW)>23.01dBm;

For 5250-5350MHz, 5470-5725MHz:

802.11a: 17 + 10 log10 (16.76MHz) = 29.24dBm< 30dBm;

802.11n-HT20: 17 + 10 log10 (17.83MHz) = 29.51dBm< 30dBm;

802.11ac-VHT20: 17 + 10 log10 (17.84MHz) = 29.51dBm< 30dBm;

802.11n-HT40/ac-VHT40/ac-VHT80: 17 + 10 log10 (99% BW)>30dBm;

Note 3: Max Conducted Output Power Limit Calculation as below:

For 5250-5350MHz, 5470-5725MHz:

802.11a: 11 + 10 log10 (16.76MHz) = 23.24dBm< 30dBm;

802.11n-HT20: 11 + 10 log10 (17.83MHz) = 23.51dBm< 30dBm;

802.11ac-VHT20: 11 + 10 log10 (17.84MHz) = 23.51dBm< 30dBm;

802.11n-HT40/ac-VHT40/ac-VHT80: 11 + 10 log10 (99% BW)>23.98dBm;

7.5. Transmit Power Control

7.5.1.Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

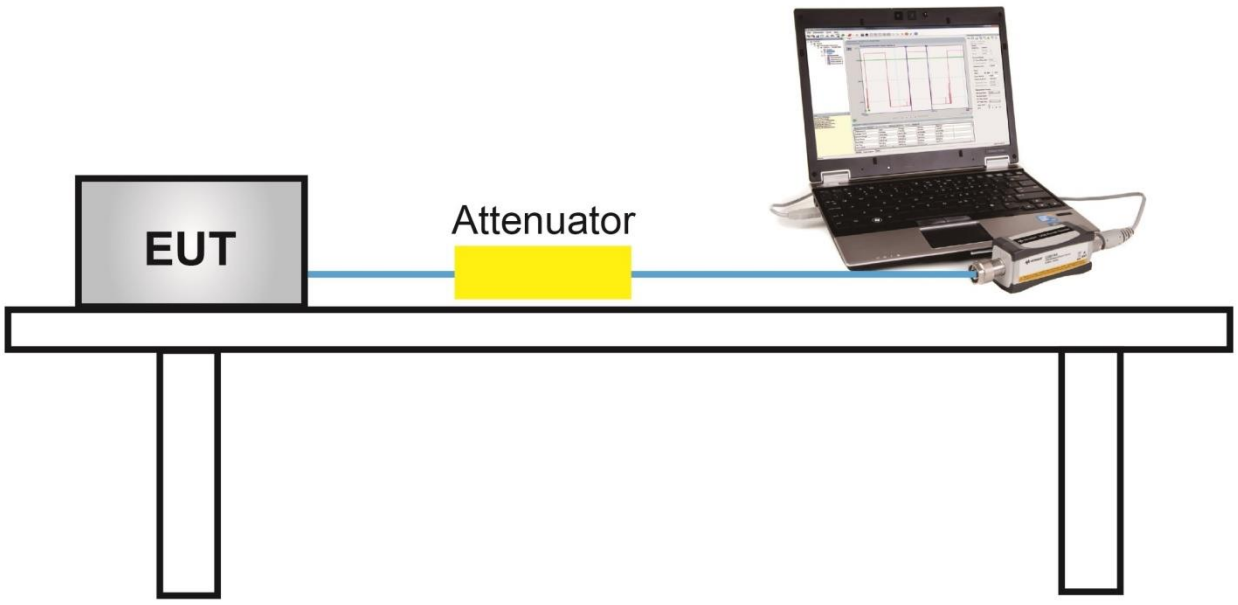
7.5.2.Test Procedure Used

ANSI C63.10-2013- Section 12.3.3.2 Method PM-G

7.5.3.Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

7.5.4.Test Setup



7.5.5.TestResult

A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

7.6. Power Spectral Density Measurement

7.6.1.TestLimit

For FCC

For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

Additional Requirement for IC

For the band 5.15-5.25 GHz, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

7.6.2.Test Procedure Used

ANSI C63.10- Section 12.5

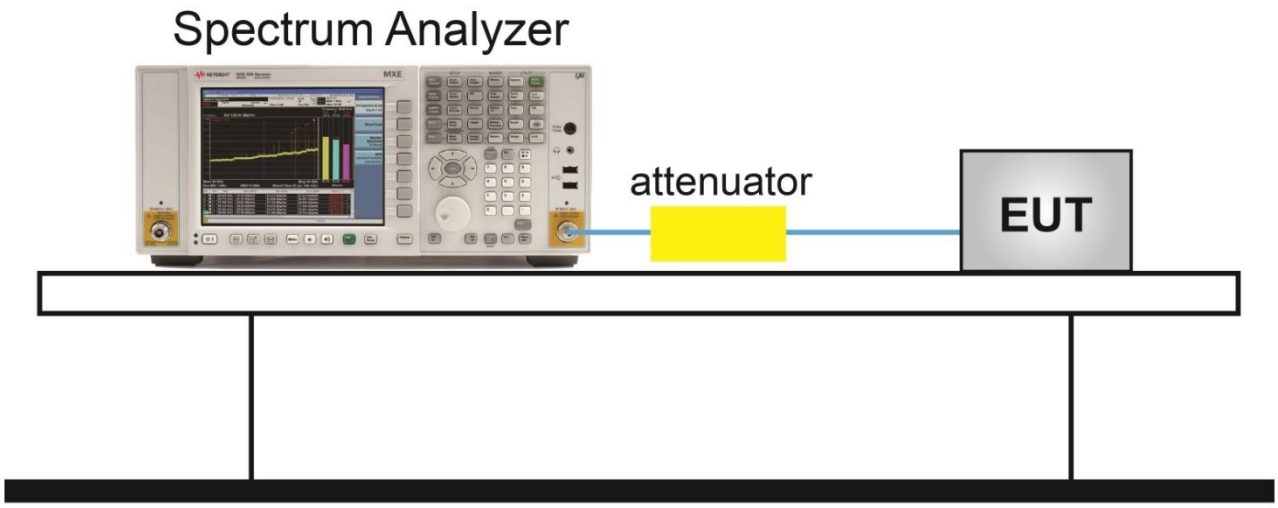
7.6.3.Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz, RBW = 100kHz
4. VBW = 3MHz
5. Number of sweep points ≥ 2 × (span / RBW)
6. Detector = Power averaging (Average)
7. Sweep time = Auto
8. Trigger = Free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add 10*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an

average over both the on and off times of the transmission). For example, add 10*log(1/0.25) = 6 dB if the duty cycle is 25 percent.

11. When the measurement bandwidth of Maximum PSD is specified in 500 kHz, add a constant factor 10*log(500kHz/100kHz) = 6.99 dB to the measured result.

7.6.4.Test Setup



7.6.5.Test Result

Product	Tablet	Temperature	25℃
Test Engineer	Flag Yang	Relative Humidity	52%
Test Site	TR3	Test Date	2019/04/27
Test Item	Power Spectral Density (UNII-Band 1 &UNII-2A & UNII-2C)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)	Duty Cycle (%)	Final PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	EIRP PSD (dBm /MHz)	EIRP PSD Limit(dBm /MHz)	Result
11a	6Mbps	36	5180	1.23	83.02	2.03	≤ 11.00	6.62	≤ 10.00	Pass
11a	6Mbps	44	5220	1.89	83.02	2.70	≤ 11.00	7.29	≤ 10.00	Pass
11a	6Mbps	48	5240	1.97	83.02	2.78	≤ 11.00	7.37	≤ 10.00	Pass
11a	6Mbps	52	5260	2.21	83.02	3.02	≤ 11.00	--	--	Pass
11a	6Mbps	60	5300	2.14	83.02	2.95	≤ 11.00	--	--	Pass
11a	6Mbps	64	5320	2.57	83.02	3.37	≤ 11.00	--	--	Pass
11a	6Mbps	100	5500	1.47	83.02	2.28	≤ 11.00	--	--	Pass
11a	6Mbps	116	5580	1.22	83.02	2.03	≤ 11.00	--	--	Pass
11a	6Mbps	120	5600	1.92	83.02	2.73	≤ 11.00	--	--	Pass
11a	6Mbps	140	5700	2.41	83.02	3.22	≤ 11.00	--	--	Pass
11n-HT20	MCS0	36	5180	-0.52	82.56	0.31	≤ 11.00	4.90	≤ 10.00	Pass
11n-HT20	MCS0	44	5220	-0.81	82.56	0.02	≤ 11.00	4.61	≤ 10.00	Pass
11n-HT20	MCS0	48	5240	-0.60	82.56	0.23	≤ 11.00	4.82	≤ 10.00	Pass
11n-HT20	MCS0	52	5260	-0.41	82.56	0.42	≤ 11.00	--	--	Pass
11n-HT20	MCS0	60	5300	-0.29	82.56	0.54	≤ 11.00	--	--	Pass
11n-HT20	MCS0	64	5320	-0.16	82.56	0.68	≤ 11.00	--	--	Pass
11n-HT20	MCS0	100	5500	-1.10	82.56	-0.27	≤ 11.00	--	--	Pass
11n-HT20	MCS0	116	5580	-0.70	82.56	0.13	≤ 11.00	--	--	Pass
11n-HT20	MCS0	120	5600	-0.63	82.56	0.20	≤ 11.00	--	--	Pass
11n-HT20	MCS0	140	5700	-0.82	82.56	0.01	≤ 11.00	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)	Duty Cycle (%)	Final PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	EIRP PSD (dBm /MHz)	EIRP PSD Limit(dBm /MHz)	Result
11n-HT40	MCS0	38	5190	-6.12	70.74	-4.62	≤ 11.00	-0.03	≤ 10.00	Pass
11n-HT40	MCS0	46	5230	-6.19	70.74	-4.69	≤ 11.00	-0.10	≤ 10.00	Pass
11n-HT40	MCS0	54	5270	-6.04	70.74	-4.53	≤ 11.00	--	--	Pass
11n-HT40	MCS0	62	5310	-5.41	70.74	-3.91	≤ 11.00	--	--	Pass
11n-HT40	MCS0	102	5510	-6.41	70.74	-4.90	≤ 11.00	--	--	Pass
11n-HT40	MCS0	110	5550	-6.48	70.74	-4.97	≤ 11.00	--	--	Pass
11n-HT40	MCS0	118	5590	-6.08	70.74	-4.58	≤ 11.00	--	--	Pass
11n-HT40	MCS0	134	5670	-5.36	70.74	-3.86	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	36	5180	-0.09	82.91	0.73	≤ 11.00	5.32	≤ 10.00	Pass
11ac-VHT20	MCS0	44	5220	-0.31	82.91	0.50	≤ 11.00	5.09	≤ 10.00	Pass
11ac-VHT20	MCS0	48	5240	-0.16	82.91	0.65	≤ 11.00	5.24	≤ 10.00	Pass
11ac-VHT20	MCS0	52	5260	0.02	82.91	0.83	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	60	5300	0.39	82.91	1.20	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	64	5320	0.19	82.91	1.00	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	100	5500	0.21	82.91	1.02	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	116	5580	-0.43	82.91	0.39	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	120	5600	-0.11	82.91	0.70	≤ 11.00	--	--	Pass
11ac-VHT20	MCS0	140	5700	0.26	82.91	1.07	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	38	5190	-5.60	71.00	-4.12	≤ 11.00	0.47	≤ 10.00	Pass
11ac-VHT40	MCS0	46	5230	-5.71	71.00	-4.22	≤ 11.00	0.37	≤ 10.00	Pass
11ac-VHT40	MCS0	54	5270	-5.24	71.00	-3.75	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	62	5310	-5.00	71.00	-3.51	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	102	5510	-5.33	71.00	-3.84	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	110	5550	-5.66	71.00	-4.17	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	118	5590	-5.46	71.00	-3.97	≤ 11.00	--	--	Pass
11ac-VHT40	MCS0	134	5670	-5.24	71.00	-3.76	≤ 11.00	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)	Duty Cycle (%)	Final PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	EIRP PSD (dBm /MHz)	EIRP PSD Limit(dBm /MHz)	Result
11ac-VHT80	MCS0	42	5210	-11.43	55.36	-8.86	≤ 11.00	-4.27	≤ 10.00	Pass
11ac-VHT80	MCS0	58	5290	-10.80	55.36	-8.23	≤ 11.00	--	--	Pass
11ac-VHT80	MCS0	106	5530	-11.18	55.36	-8.61	≤ 11.00	--	--	Pass
11ac-VHT80	MCS0	122	5610	-11.39	55.36	-8.82	≤ 11.00	--	--	Pass

Note 1: When EUT duty cycle ≥ 98%, Final PSD (dBm/MHz) = PSD (dBm/MHz).

Note 2: When EUT duty cycle < 98%, Final PSD (dBm/MHz) = PSD (dBm/MHz) + 10*log (1/Duty Cycle).

Note 3: EIRP PSD (dBm/MHz) = Final PSD (dBm/MHz) + Antenna Gain (dBi), Antenna Gain =4.59dBi.

Product	Tablet	Temperature	25℃
Test Engineer	Flag Yang	Relative Humidity	52%
Test Site	TR3	Test Date	2019/04/27
Test Item	Power Spectral Density (UNII-Band 3)		

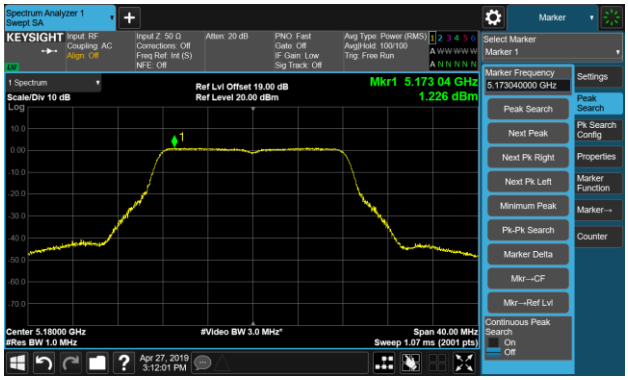
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ 100kHz)	Duty Cycle (%)	ConstantFactor (dB)	Final PSD(dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11a	6Mbps	149	5745	-7.34	83.02	6.99	0.46	≤ 30.00	Pass
11a	6Mbps	157	5785	-6.92	83.02	6.99	0.88	≤ 30.00	Pass
11a	6Mbps	165	5825	-7.71	83.02	6.99	0.09	≤ 30.00	Pass
11n-HT20	MCS0	149	5745	-9.64	82.56	6.99	-1.81	≤ 30.00	Pass
11n-HT20	MCS0	157	5785	-9.82	82.56	6.99	-1.99	≤ 30.00	Pass
11n-HT20	MCS0	165	5825	-10.12	82.56	6.99	-2.29	≤ 30.00	Pass
11n-HT40	MCS0	151	5755	-14.86	70.74	6.99	-6.36	≤ 30.00	Pass
11n-HT40	MCS0	159	5795	-15.31	70.74	6.99	-6.82	≤ 30.00	Pass
11ac-VHT20	MCS0	149	5745	-7.56	82.91	6.99	0.24	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	-8.48	82.91	6.99	-0.67	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	-8.92	82.91	6.99	-1.11	≤ 30.00	Pass
11ac-VHT40	MCS0	151	5755	-13.89	71.00	6.99	-5.41	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	-14.38	71.00	6.99	-5.90	≤ 30.00	Pass
11ac-VHT80	MCS0	155	5775	-20.24	55.36	6.99	-10.68	≤ 30.00	Pass

Note 1: When EUT duty cycle ≥ 98%, Final PSD (dBm/500kHz) = PSD (dBm/100kHz)+ Constant Factor (dB).

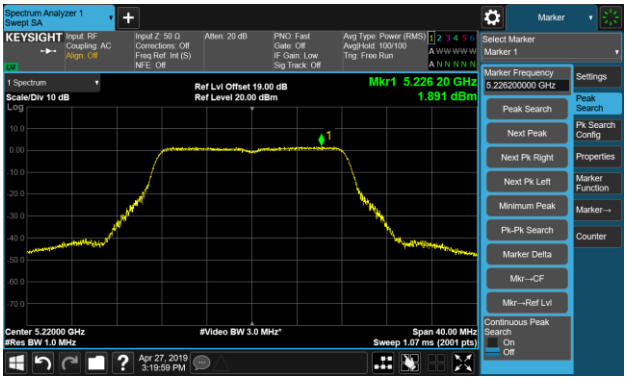
Note 2: When EUT duty cycle < 98%, Final PSD (dBm/500kHz) = PSD (dBm/100kHz)+ Constant Factor (dB) + 10*log (1/Duty Cycle).

802.11aPower Spectral Density

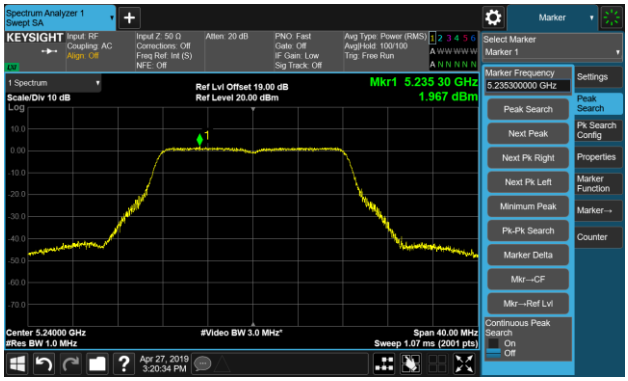
Channel 36 (5180MHz)



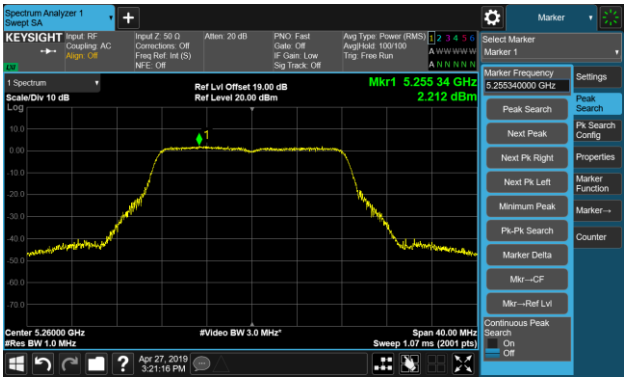
Channel 44 (5220MHz)



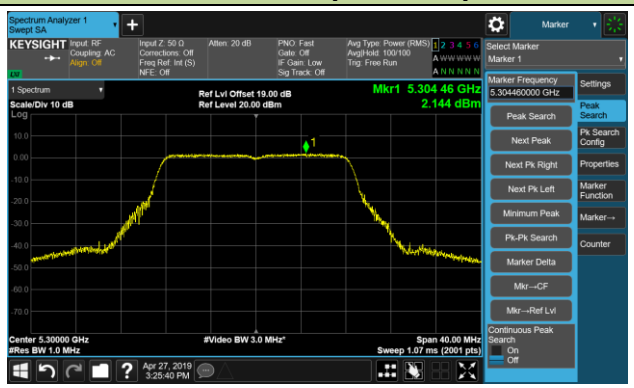
Channel 48 (5240MHz)



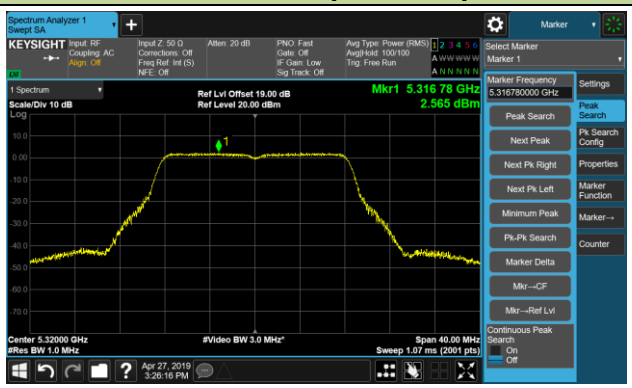
Channel 52 (5260MHz)

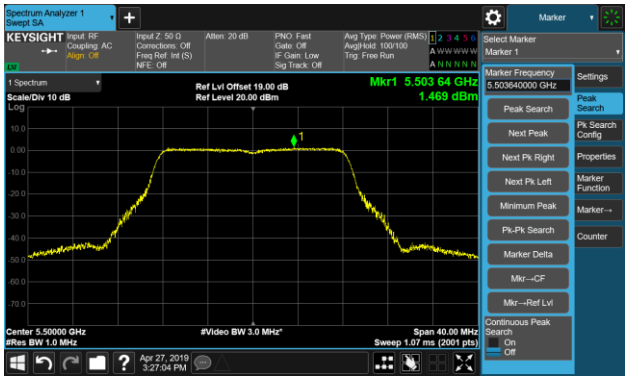
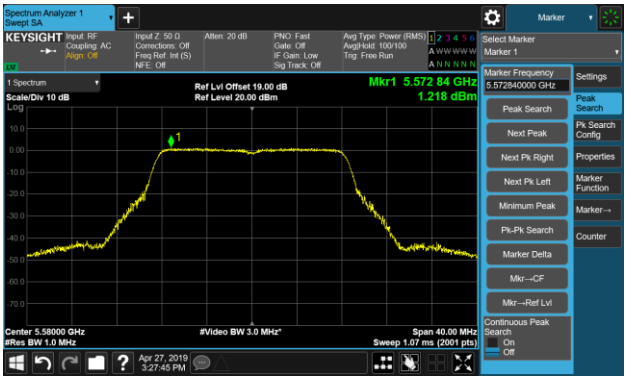
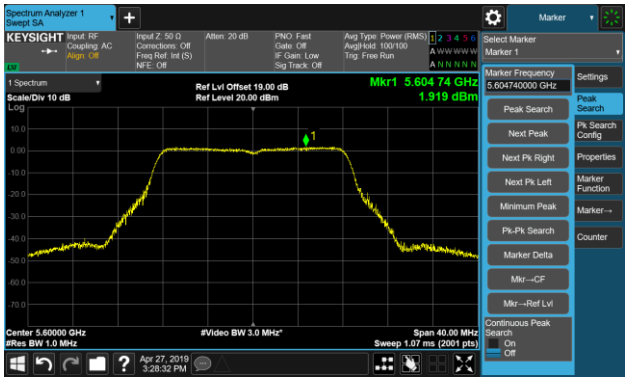
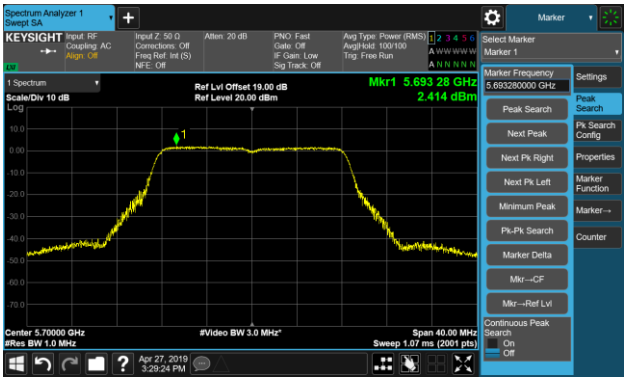
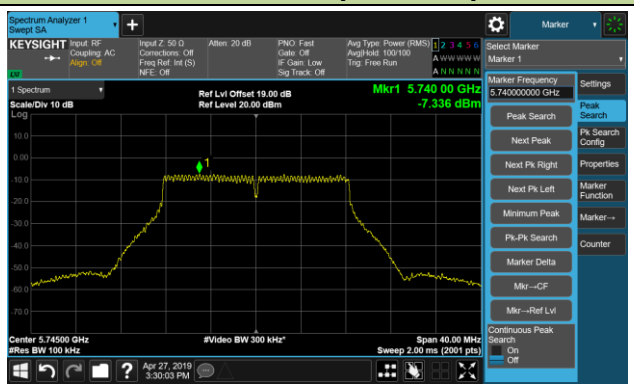
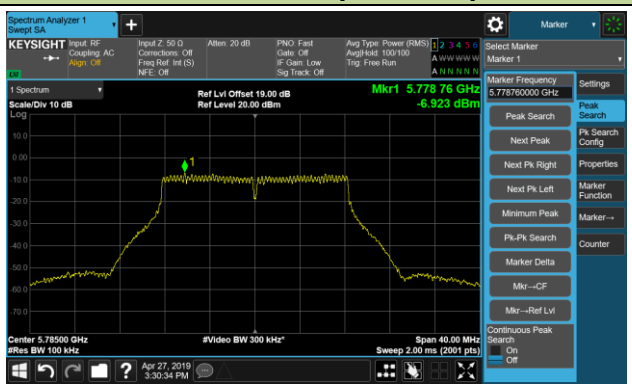


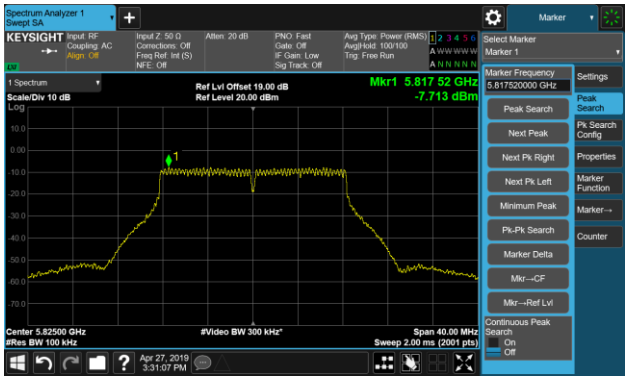
Channel 60 (5300MHz)

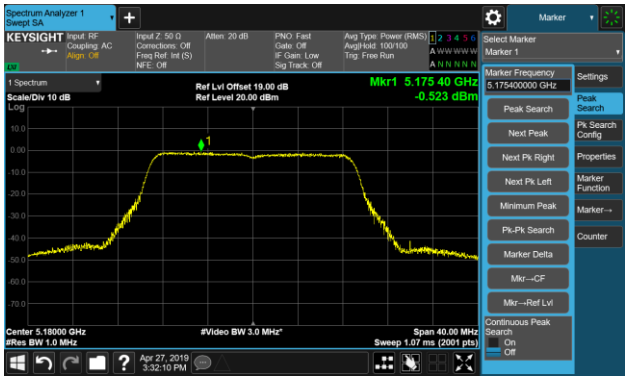
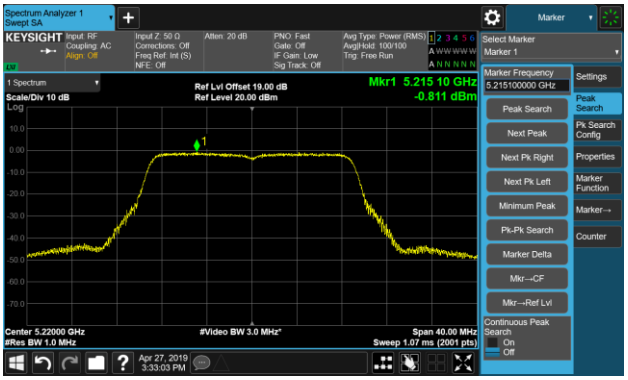
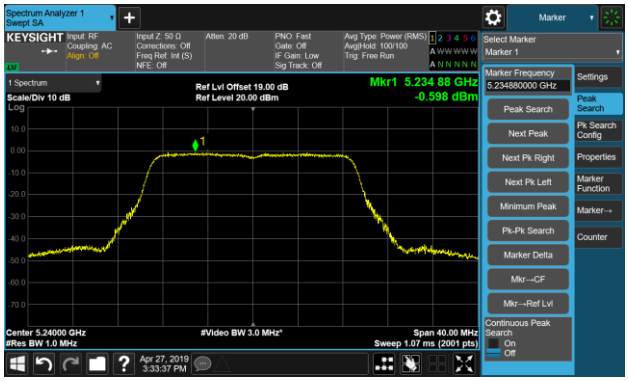
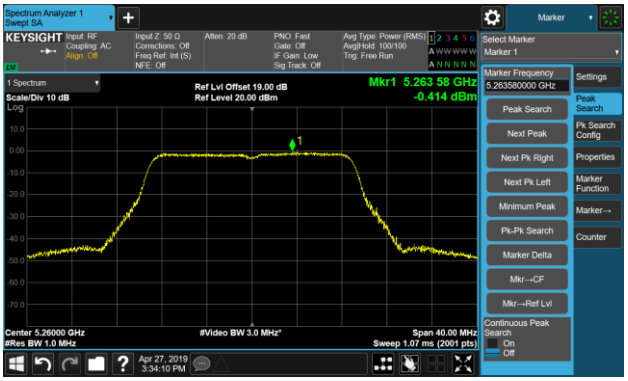
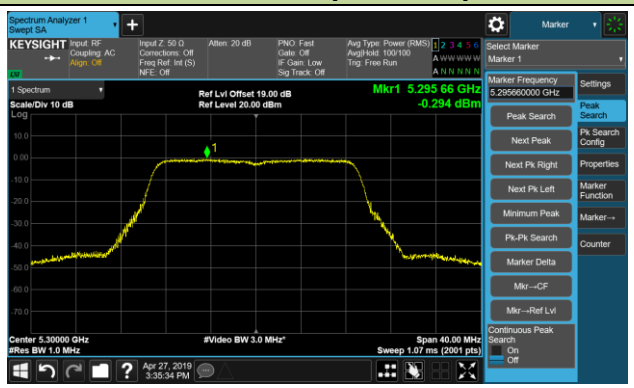
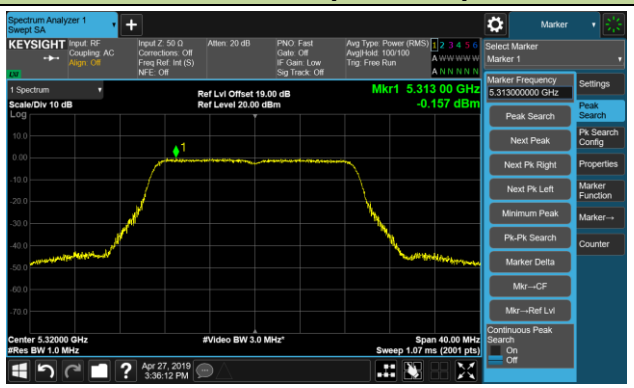


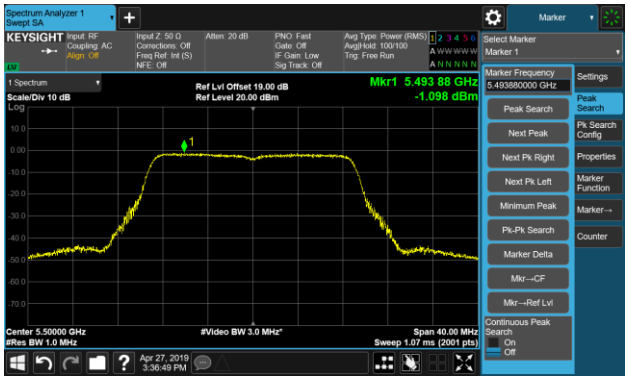
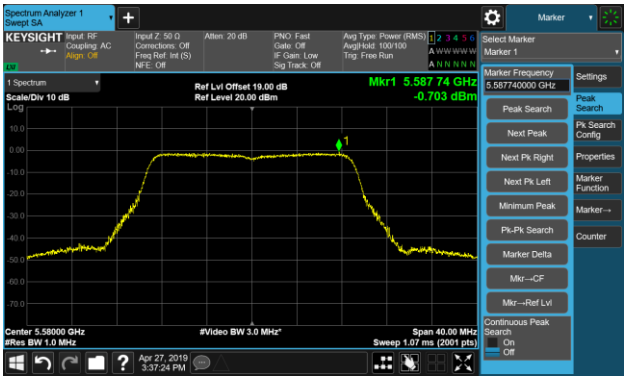
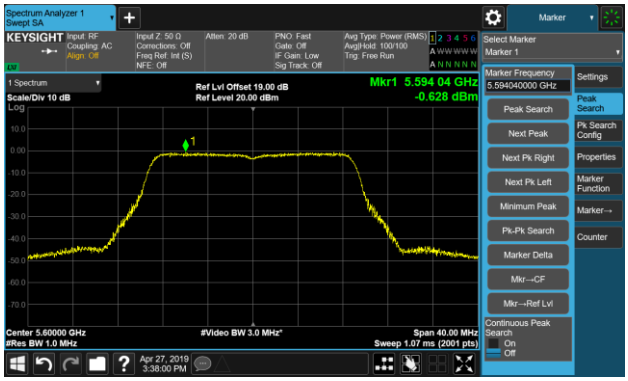
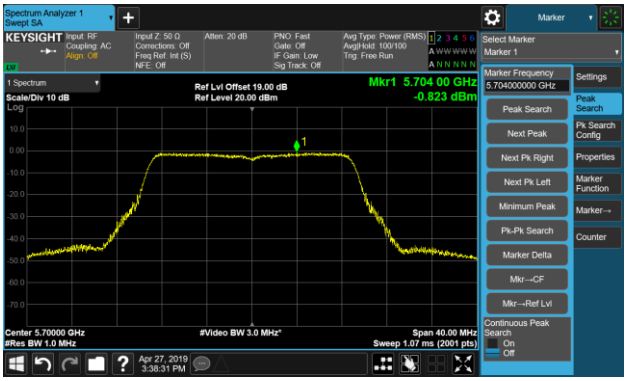
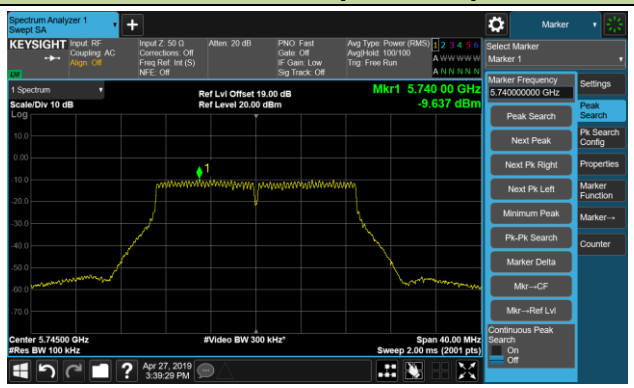
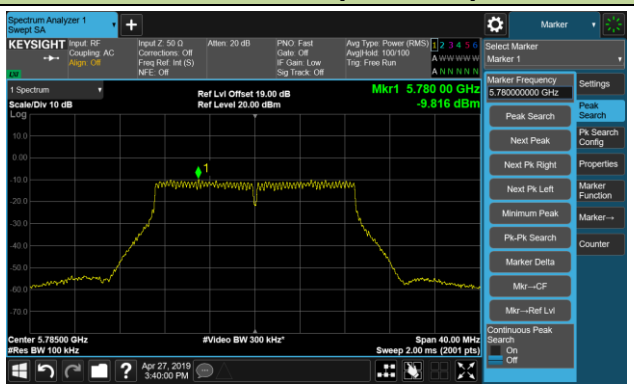
Channel 64 (5320MHz)

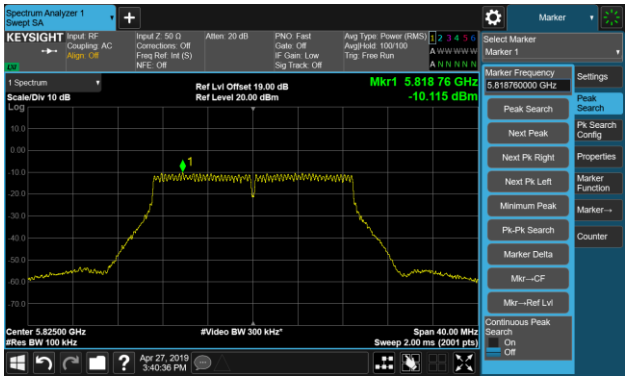


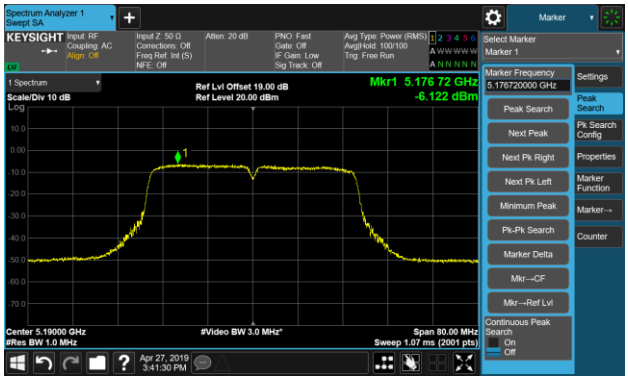
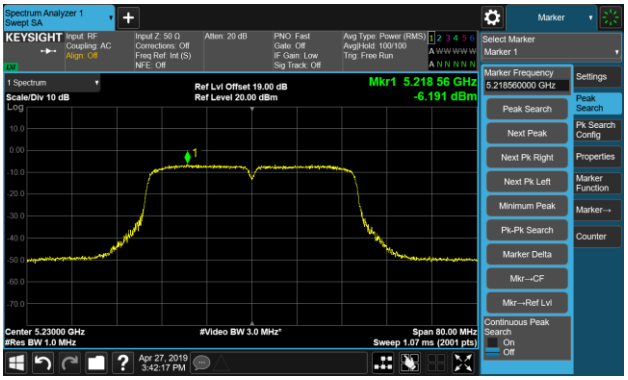
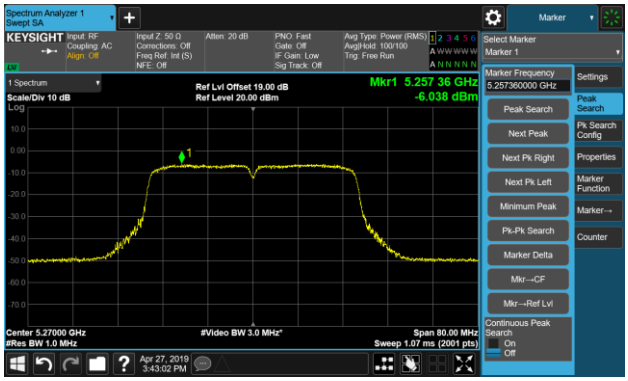
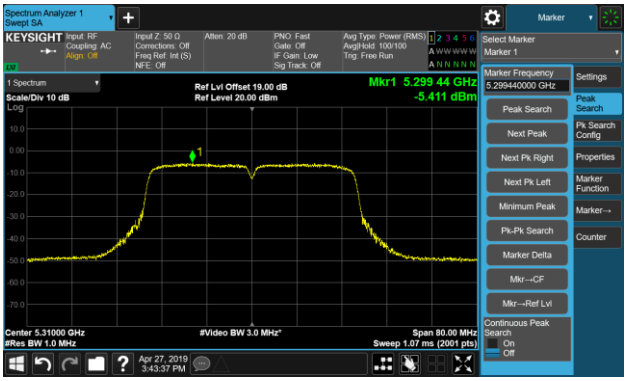
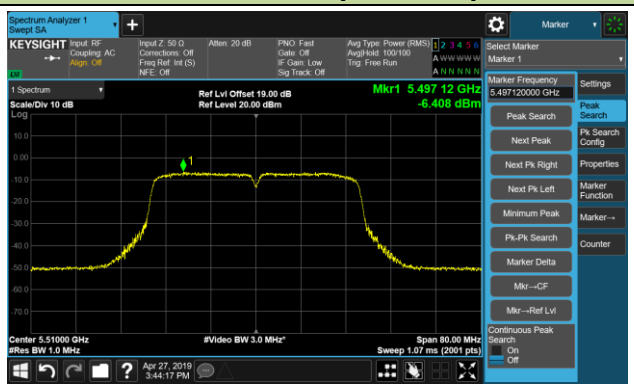
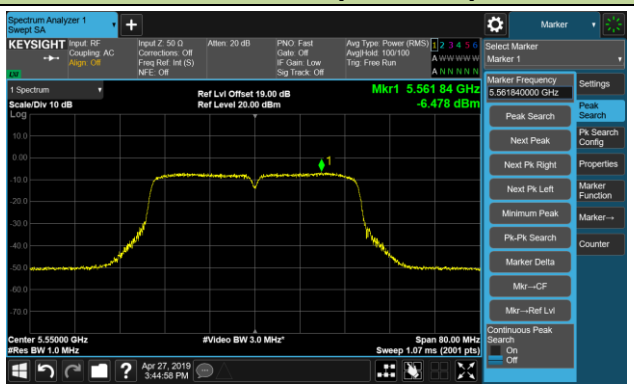
802.11aPower Spectral Density	
Channel 100 (5500MHz)	**Channel 116 (5580MHz)**
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

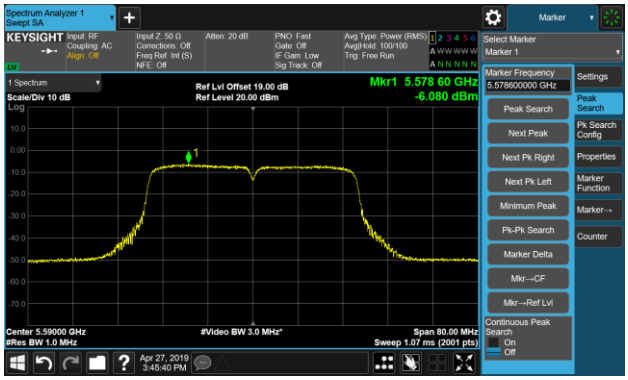
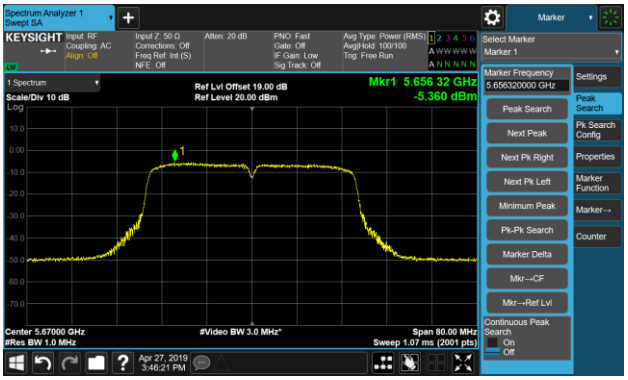
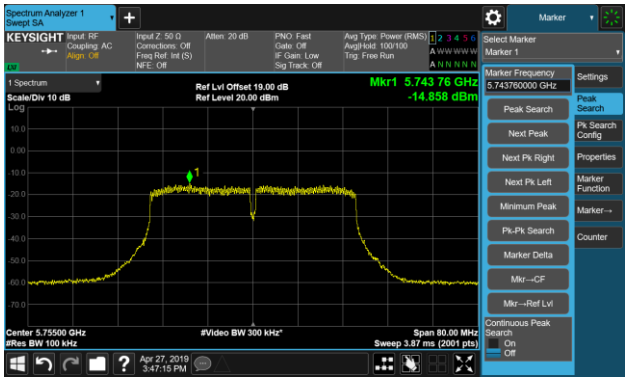
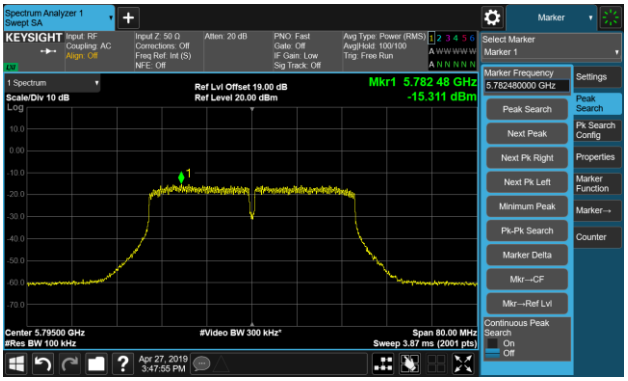
802.11aPower Spectral Density	
Channel 165 (5825MHz)	
	

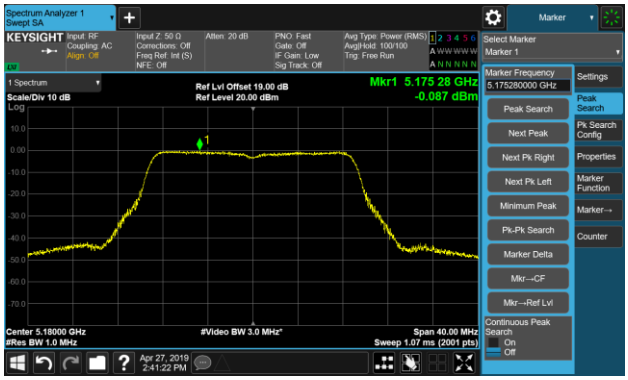
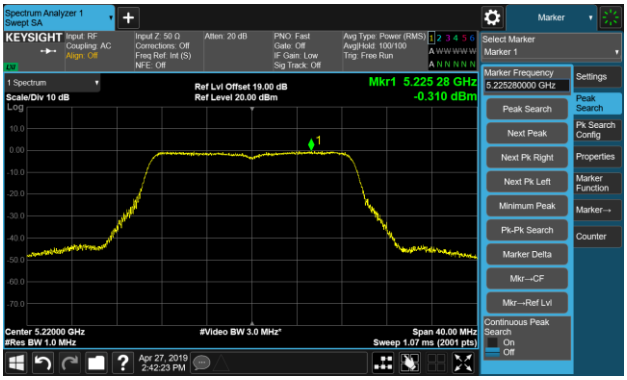
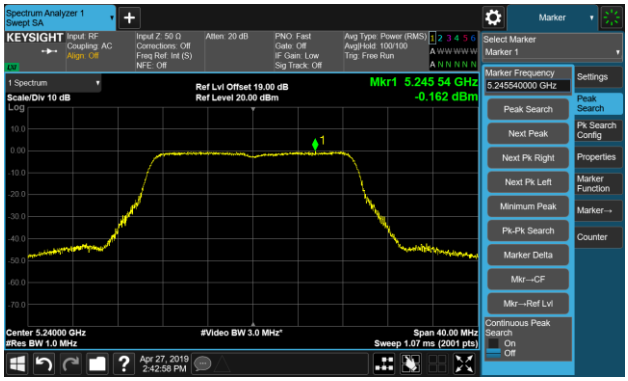
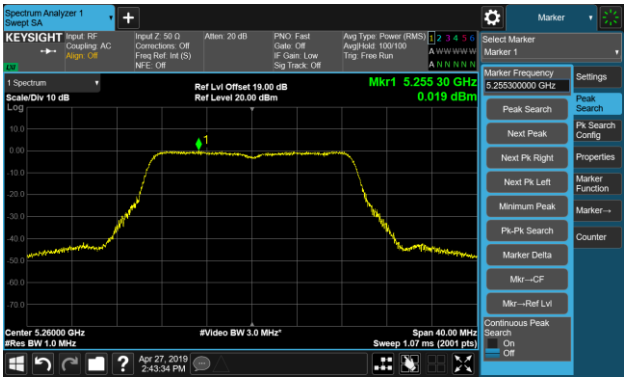
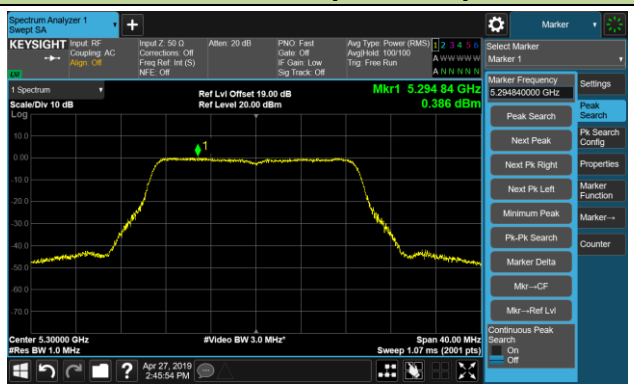
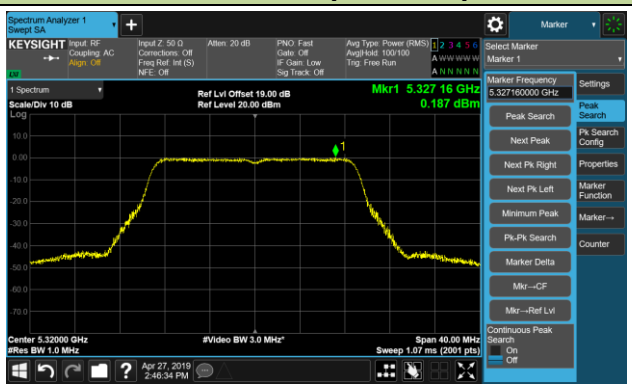
802.11n-HT20Power Spectral Density	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
	
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**
	

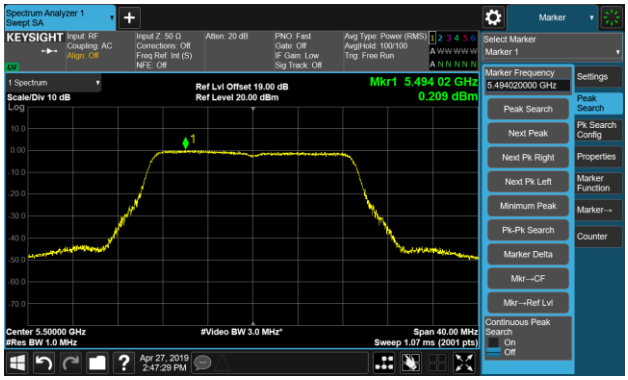
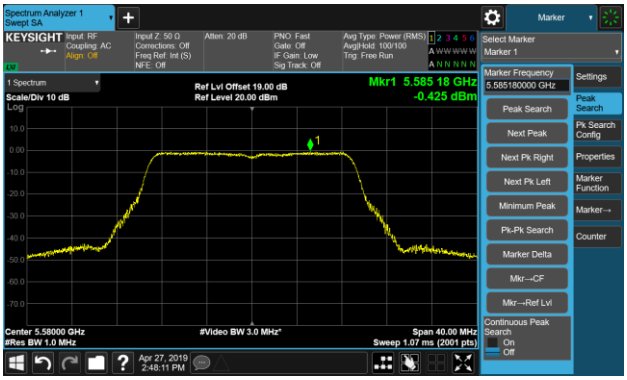
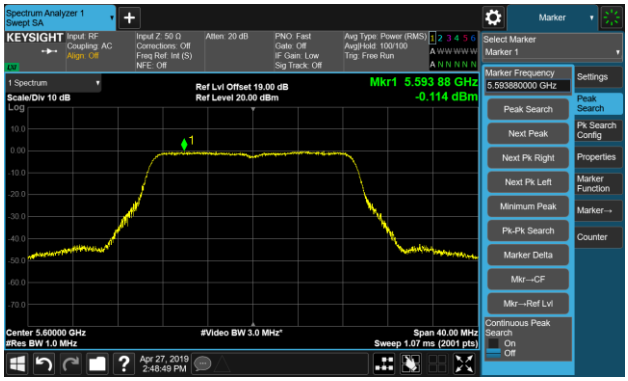
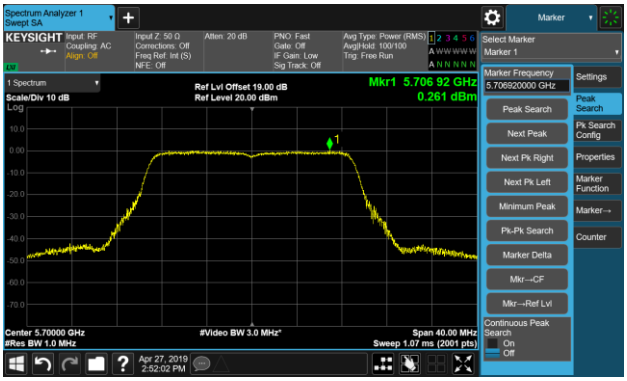
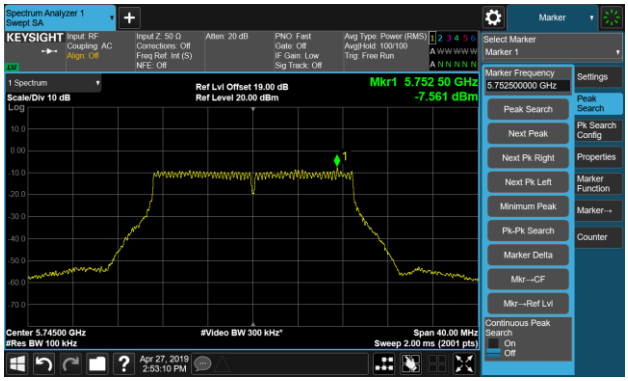
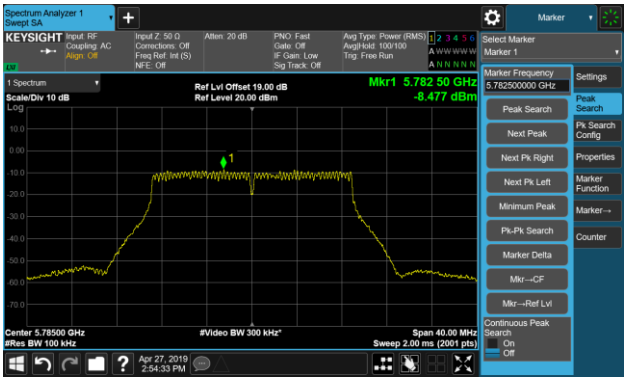
802.11n-HT20Power Spectral Density	
Channel 100 (5500MHz)	**Channel 116 (5580MHz)**
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

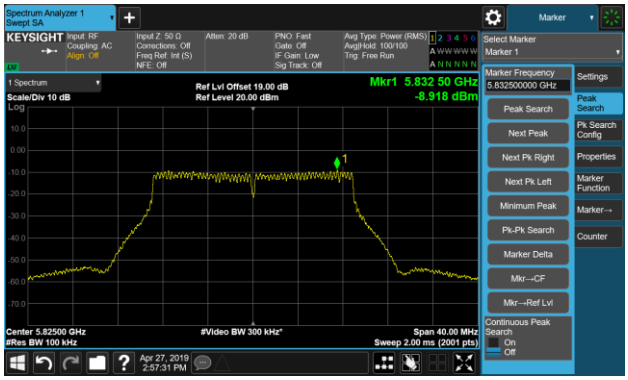
802.11n-HT20Power Spectral Density	
Channel 165 (5825MHz)	
	

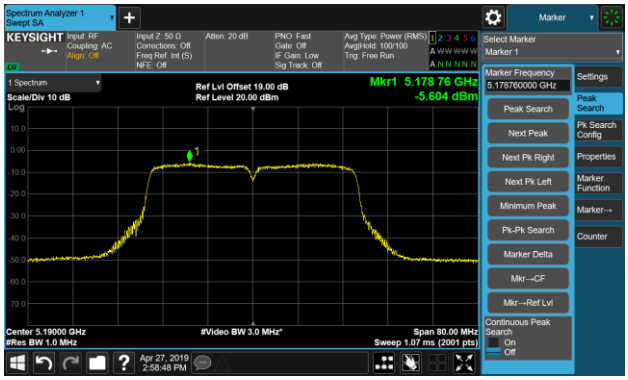
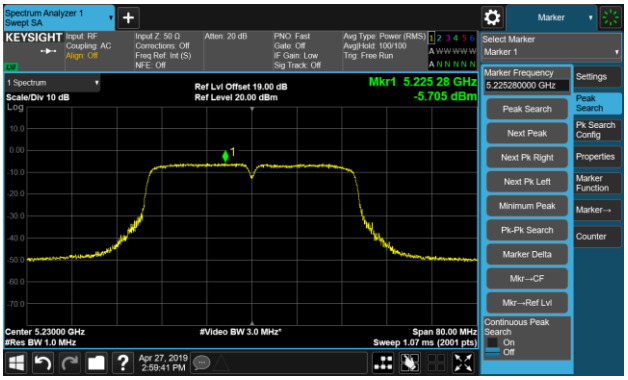
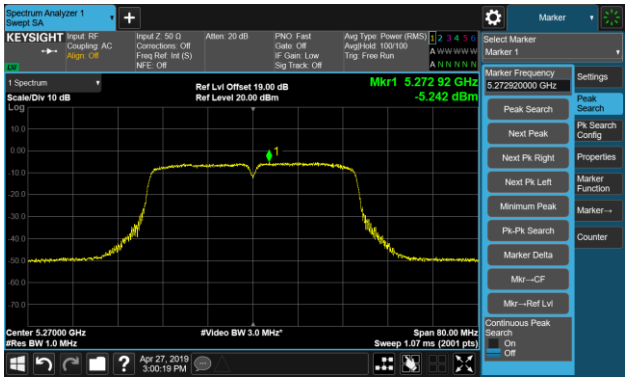
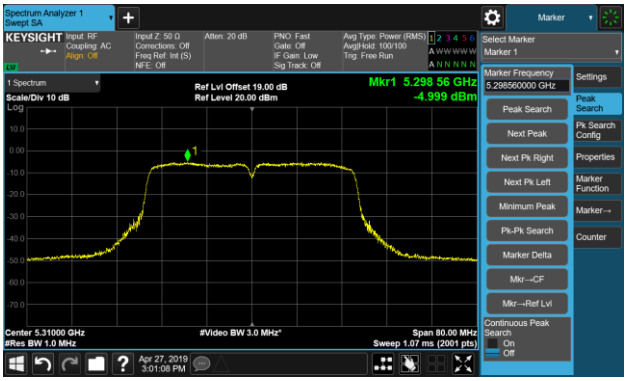
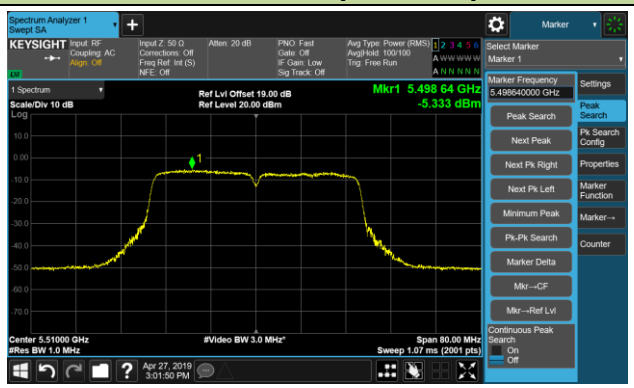
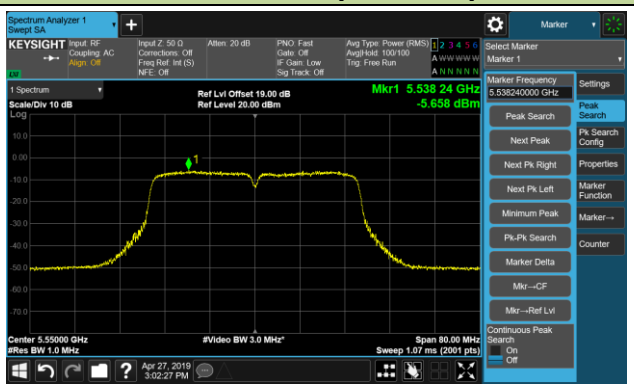
802.11n-HT40Power Spectral Density	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 54 (5270MHz)	**Channel 62 (5310MHz)**
	
Channel 102 (5510MHz)	**Channel 110 (5550MHz)**
	

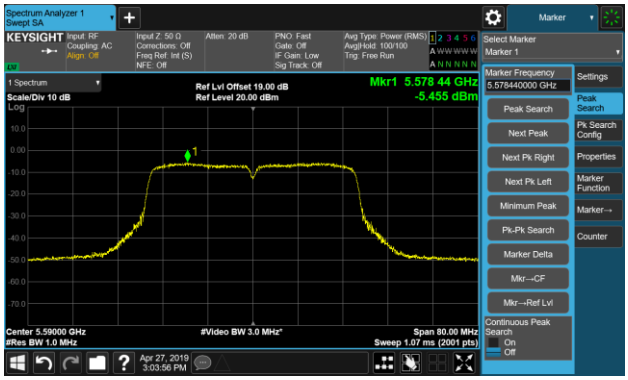
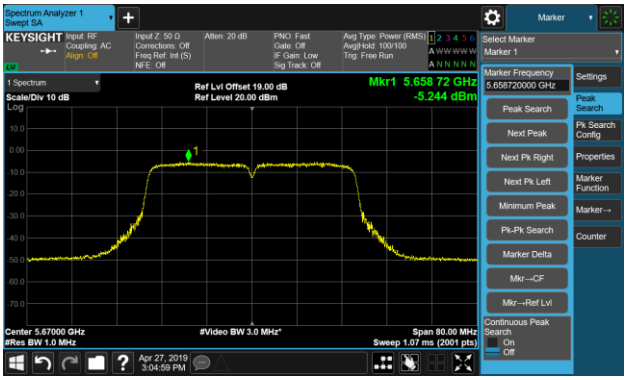
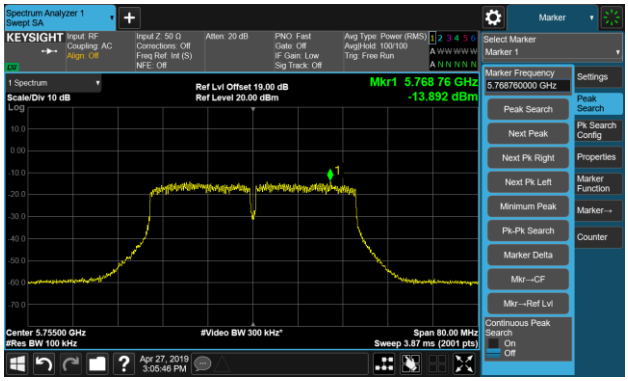
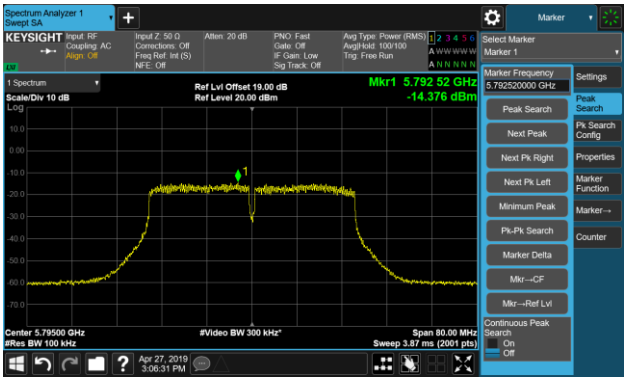
802.11n-HT40Power Spectral Density	
Channel 118 (5590MHz)	**Channel 134 (5670MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

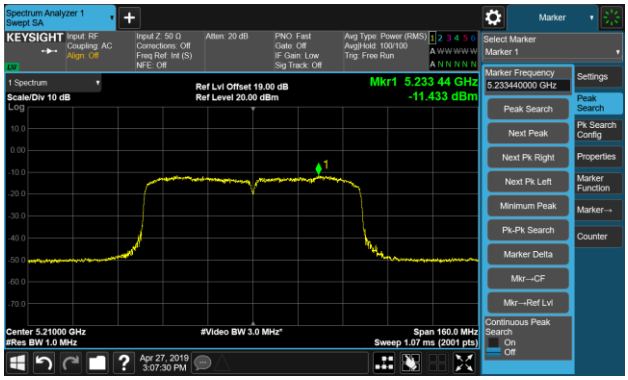
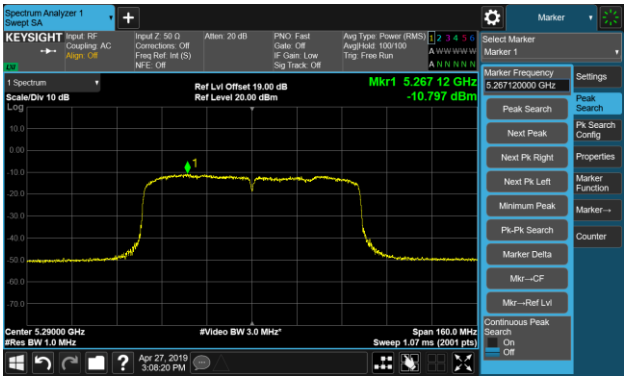
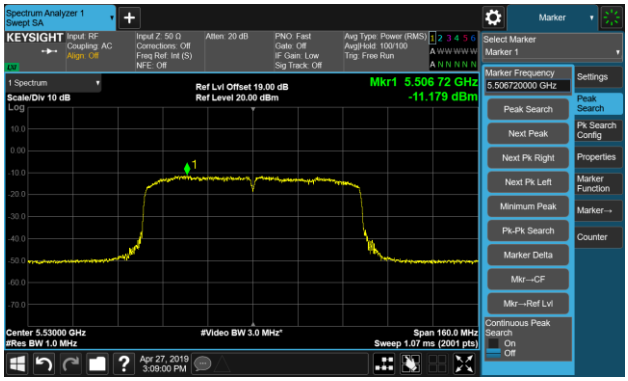
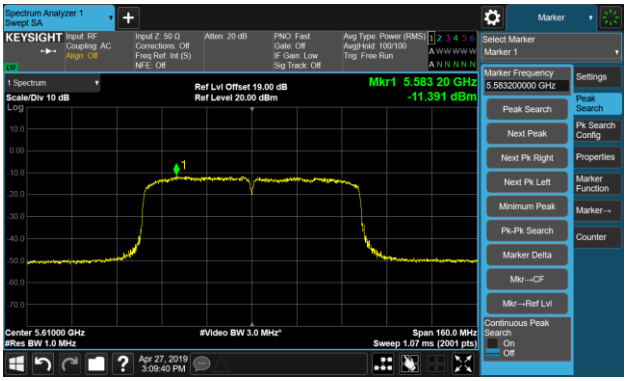
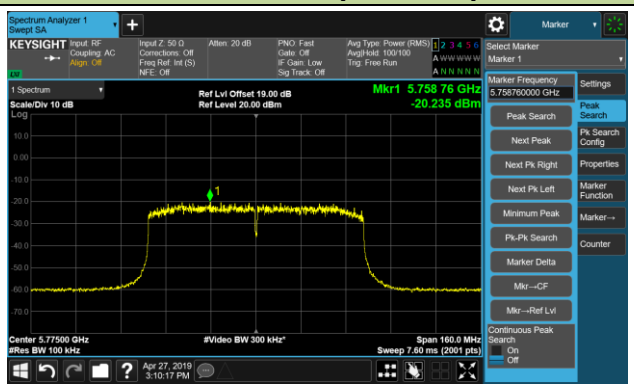
802.11ac-VHT20Power Spectral Density	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
	
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**
	

802.11ac-VHT20Power Spectral Density	
Channel 100 (5500MHz)	**Channel 116 (5580MHz)**
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

802.11ac-VHT20Power Spectral Density	
Channel 165 (5825MHz)	
	

802.11ac-VHT40Power Spectral Density	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 54 (5270MHz)	**Channel 62 (5310MHz)**
	
Channel 102 (5510MHz)	**Channel 110 (5550MHz)**
	

802.11ac-VHT40Power Spectral Density	
Channel 118 (5590MHz)	**Channel 134 (5670MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80Power Spectral Density	
Channel 42 (5210MHz)	**Channel 58 (5290MHz)**
	
Channel 106 (5530MHz)	**Channel 122 (5610MHz)**
	
Channel 155 (5775MHz)	
	

7.7. Frequency Stability Measurement

7.7.1.TestLimit

Manufactures 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.

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

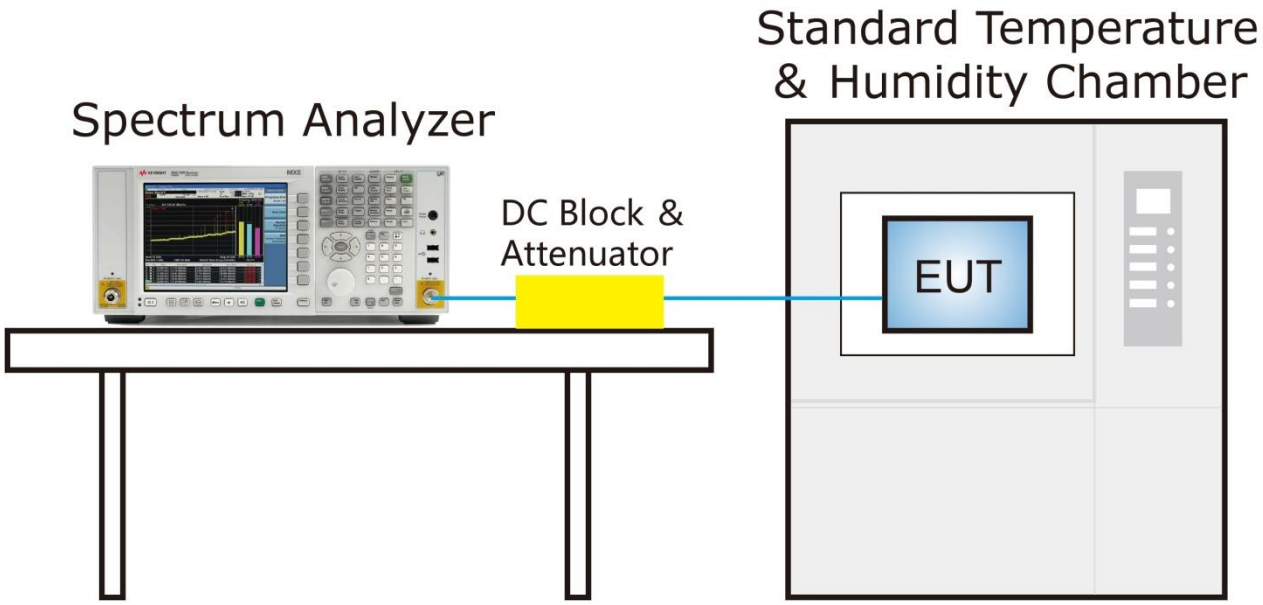
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20℃ operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10℃ decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20℃. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, recordthe maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Product	Tablet	Temperature	-30 ~ 50℃
Test Engineer	Flag Yang	Relative Humidity	46 ~ 58%RH
Test Site	TR3	Test Time	2019/04/27
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (V_{DC})	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	3.80	- 30	-1.23	-1.63	-1.68	-1.73
		- 20	-1.23	-1.60	-1.67	-1.71
		- 10	-1.18	-1.59	-1.64	-1.68
		0	-1.18	-1.58	-1.64	-1.65
		+ 10	-1.15	-1.57	-1.62	-1.64
		+ 20 (Ref)	-1.14	-1.57	-1.58	-1.63
		+ 30	-1.16	-1.63	-1.65	-1.67
		+ 40	-1.18	-1.67	-1.68	-1.72
		+ 50	-1.22	-1.78	-1.78	-1.79
115%	4.37	+ 20	-1.25	-1.69	-1.84	-1.83
85%	3.23	+ 20	-1.43	-1.44	-1.90	-1.92

Note: Frequency Tolerance (ppm) = {[Measured Frequency (MHz) - Declared Frequency (MHz)] / Declared Frequency (MHz)} *10^6.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2.Test Procedure Used

ANSI C63.10 - Section 6.3 (General Requirements)

ANSI C63.10 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - Section 6.6 (Standard test method above 1GHz)

7.8.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz

> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

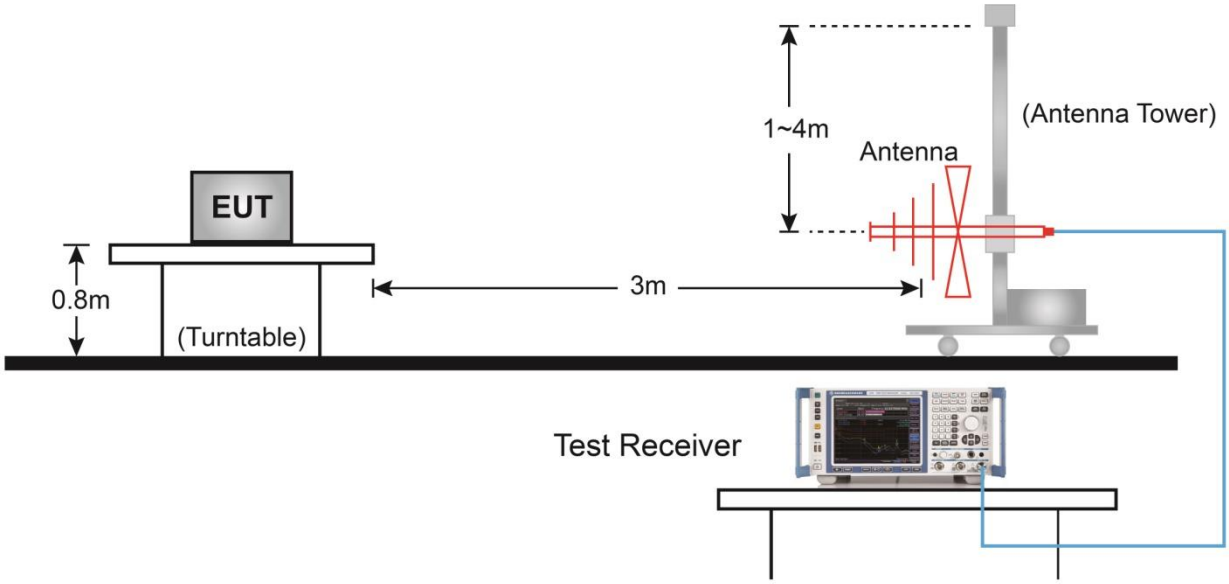
Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW;If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

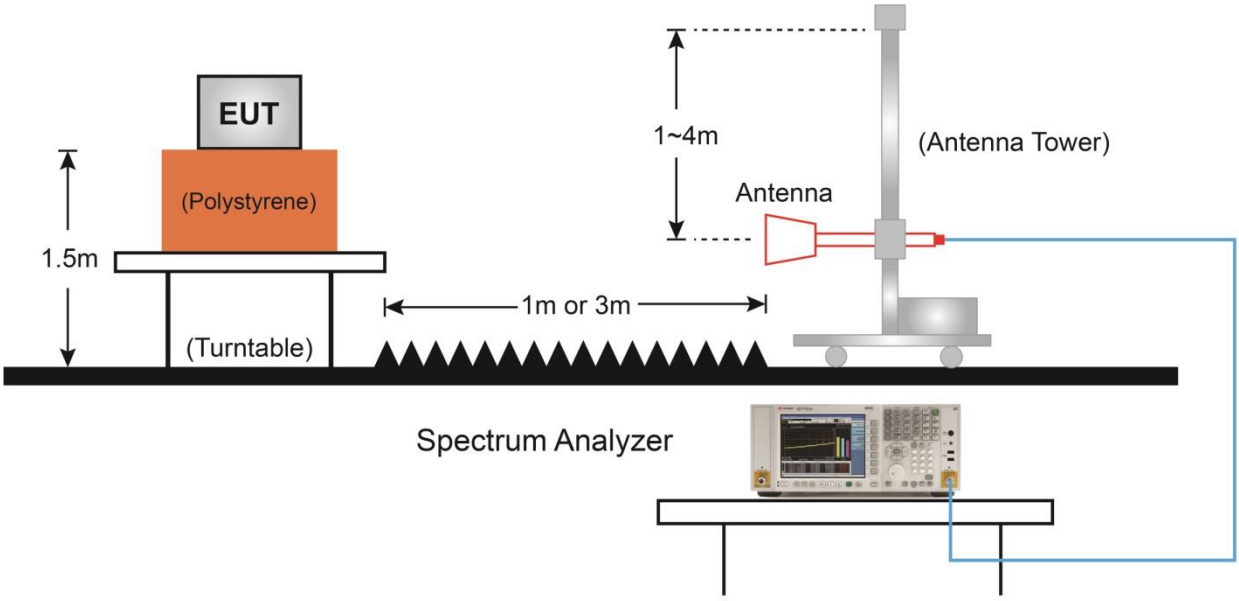
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:



Above1GHz Test Setup:



7.8.5.Test Result

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC1	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	36.8	11.8	48.6	74.0	-25.4	Peak	Horizontal
	8165.5	36.7	12.4	49.1	74.0	-24.9	Peak	Horizontal
*	9865.5	35.3	16.1	51.4	68.2	-16.8	Peak	Horizontal
*	13112.5	35.4	18.1	53.5	68.2	-14.7	Peak	Horizontal
	7426.0	36.3	11.9	48.2	74.0	-25.8	Peak	Vertical
	8140.0	35.9	12.5	48.4	74.0	-25.6	Peak	Vertical
*	10180.0	35.7	16.3	52.0	68.2	-16.2	Peak	Vertical
*	13070.0	32.7	17.9	50.6	68.2	-17.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.5	37.2	11.7	48.9	74.0	-25.1	Peak	Horizontal
	8233.5	36.5	12.3	48.8	74.0	-25.2	Peak	Horizontal
*	10180.0	35.7	16.3	52.0	68.2	-16.2	Peak	Horizontal
*	12840.5	34.7	17.4	52.1	68.2	-16.1	Peak	Horizontal
	7672.5	36.1	11.7	47.8	74.0	-26.2	Peak	Vertical
	8199.5	36.5	12.4	48.9	74.0	-25.1	Peak	Vertical
*	10248.0	35.3	16.5	51.8	68.2	-16.4	Peak	Vertical
*	12976.5	34.5	17.8	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
	8259.0	36.4	12.2	48.6	74.0	-25.4	Peak	Horizontal
*	10205.5	35.4	16.3	51.7	68.2	-16.5	Peak	Horizontal
*	13104.0	34.6	18.1	52.7	68.2	-15.5	Peak	Horizontal
	7528.0	36.3	11.8	48.1	74.0	-25.9	Peak	Vertical
	8157.0	36.6	12.4	49.0	74.0	-25.0	Peak	Vertical
*	10409.5	35.0	16.8	51.8	68.2	-16.4	Peak	Vertical
*	13061.5	34.2	17.9	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.8	11.8	47.6	74.0	-26.4	Peak	Horizontal
	8395.0	36.1	12.2	48.3	74.0	-25.7	Peak	Horizontal
*	9950.5	35.0	16.1	51.1	68.2	-17.1	Peak	Horizontal
*	12789.5	34.5	17.4	51.9	68.2	-16.3	Peak	Horizontal
	7451.5	36.1	11.9	48.0	74.0	-26.0	Peak	Vertical
	8242.0	34.7	12.3	47.0	74.0	-27.0	Peak	Vertical
*	10282.0	34.6	16.7	51.3	68.2	-16.9	Peak	Vertical
*	12849.0	34.1	17.4	51.5	68.2	-16.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.9	11.8	47.7	74.0	-26.3	Peak	Horizontal
	8191.0	36.5	12.5	49.0	74.0	-25.0	Peak	Horizontal
*	10290.5	35.1	16.6	51.7	68.2	-16.5	Peak	Horizontal
*	12891.5	34.4	17.6	52.0	68.2	-16.2	Peak	Horizontal
	7417.5	36.0	11.8	47.8	74.0	-26.2	Peak	Vertical
	8488.5	36.0	12.5	48.5	74.0	-25.5	Peak	Vertical
*	10256.5	35.2	16.5	51.7	68.2	-16.5	Peak	Vertical
*	13146.5	34.0	18.1	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	35.5	11.7	47.2	74.0	-26.8	Peak	Horizontal
	8267.5	36.9	12.1	49.0	74.0	-25.0	Peak	Horizontal
*	9891.0	34.8	16.2	51.0	68.2	-17.2	Peak	Horizontal
*	13036.0	34.9	18.0	52.9	68.2	-15.3	Peak	Horizontal
	7434.5	36.3	11.9	48.2	74.0	-25.8	Peak	Vertical
	8208.0	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	10460.5	35.1	16.7	51.8	68.2	-16.4	Peak	Vertical
*	13002.0	34.0	17.8	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	35.4	11.9	47.3	74.0	-26.7	Peak	Horizontal
	8165.5	36.2	12.4	48.6	74.0	-25.4	Peak	Horizontal
*	10137.5	34.2	16.2	50.4	68.2	-17.8	Peak	Horizontal
*	12874.5	33.8	17.7	51.5	68.2	-16.7	Peak	Horizontal
	7681.0	36.2	11.8	48.0	74.0	-26.0	Peak	Vertical
	8242.0	36.7	12.3	49.0	74.0	-25.0	Peak	Vertical
*	9925.0	34.9	16.0	50.9	68.2	-17.3	Peak	Vertical
*	12934.0	33.8	17.7	51.5	68.2	-16.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
	8216.5	36.8	12.3	49.1	74.0	-24.9	Peak	Horizontal
*	9942.0	34.3	16.1	50.4	68.2	-17.8	Peak	Horizontal
*	12908.5	33.1	17.7	50.8	68.2	-17.4	Peak	Horizontal
	7587.5	35.0	11.8	46.8	74.0	-27.2	Peak	Vertical
	8386.5	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
*	10375.5	34.8	16.9	51.7	68.2	-16.5	Peak	Vertical
*	13189.0	33.8	18.2	52.0	68.2	-16.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	120
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	36.1	11.8	47.9	74.0	-26.1	Peak	Horizontal
	8174.0	35.7	12.4	48.1	74.0	-25.9	Peak	Horizontal
*	9959.0	34.9	16.0	50.9	68.2	-17.3	Peak	Horizontal
*	13087.0	33.5	18.1	51.6	68.2	-16.6	Peak	Horizontal
	7655.5	35.8	11.6	47.4	74.0	-26.6	Peak	Vertical
	8182.5	35.8	12.4	48.2	74.0	-25.8	Peak	Vertical
*	9704.0	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical
*	13070.0	33.5	17.9	51.4	68.2	-16.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	35.8	11.6	47.4	74.0	-26.6	Peak	Horizontal
	8208.0	36.3	12.3	48.6	74.0	-25.4	Peak	Horizontal
*	10435.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
*	12891.5	33.4	17.6	51.0	68.2	-17.2	Peak	Horizontal
	7485.5	35.5	11.9	47.4	74.0	-26.6	Peak	Vertical
	8208.0	36.3	12.3	48.6	74.0	-25.4	Peak	Vertical
*	9619.0	34.6	15.6	50.2	68.2	-18.0	Peak	Vertical
*	13019.0	34.1	18.0	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	36.0	11.8	47.8	74.0	-26.2	Peak	Horizontal
	8301.5	36.7	12.2	48.9	74.0	-25.1	Peak	Horizontal
*	9806.0	33.8	15.9	49.7	68.2	-18.5	Peak	Horizontal
*	12891.5	32.3	17.6	49.9	68.2	-18.3	Peak	Horizontal
	7409.0	36.2	11.7	47.9	74.0	-26.1	Peak	Vertical
	8471.5	35.3	12.4	47.7	74.0	-26.3	Peak	Vertical
*	10384.0	33.9	16.9	50.8	68.2	-17.4	Peak	Vertical
*	12815.0	34.1	17.6	51.7	68.2	-16.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	35.9	11.9	47.8	74.0	-26.2	Peak	Horizontal
	8174.0	36.0	12.4	48.4	74.0	-25.6	Peak	Horizontal
*	9738.0	34.2	15.7	49.9	68.2	-18.3	Peak	Horizontal
*	12866.0	33.5	17.7	51.2	68.2	-17.0	Peak	Horizontal
	7409.0	36.7	11.7	48.4	74.0	-25.6	Peak	Vertical
	8174.0	36.0	12.4	48.4	74.0	-25.6	Peak	Vertical
*	10018.5	34.4	16.1	50.5	68.2	-17.7	Peak	Vertical
*	13095.5	34.0	18.1	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11a	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
	8242.0	35.4	12.3	47.7	74.0	-26.3	Peak	Horizontal
*	9976.0	34.7	15.9	50.6	68.2	-17.6	Peak	Horizontal
*	12934.0	34.0	17.7	51.7	68.2	-16.5	Peak	Horizontal
	7672.5	36.3	11.7	48.0	74.0	-26.0	Peak	Vertical
	8497.0	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical
*	10426.5	34.3	16.8	51.1	68.2	-17.1	Peak	Vertical
*	12908.5	34.1	17.7	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.9	11.9	46.8	74.0	-27.2	Peak	Horizontal
	8148.5	36.1	12.4	48.5	74.0	-25.5	Peak	Horizontal
*	9729.5	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	13019.0	34.2	18.0	52.2	68.2	-16.0	Peak	Horizontal
	7434.5	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical
	8174.0	35.8	12.4	48.2	74.0	-25.8	Peak	Vertical
*	10367.0	34.5	16.9	51.4	68.2	-16.8	Peak	Vertical
*	12891.5	33.3	17.6	50.9	68.2	-17.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.7	11.8	47.5	74.0	-26.5	Peak	Horizontal
	8174.0	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
*	10367.0	34.5	16.9	51.4	68.2	-16.8	Peak	Horizontal
*	12806.5	34.0	17.6	51.6	68.2	-16.6	Peak	Horizontal
	7400.5	35.9	11.7	47.6	74.0	-26.4	Peak	Vertical
	8131.5	36.2	12.6	48.8	74.0	-25.2	Peak	Vertical
*	10426.5	34.7	16.8	51.5	68.2	-16.7	Peak	Vertical
*	12934.0	35.2	17.7	52.9	68.2	-15.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	35.8	11.9	47.7	74.0	-26.3	Peak	Horizontal
	8199.5	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
*	9823.0	34.2	16.0	50.2	68.2	-18.0	Peak	Horizontal
*	13061.5	33.9	17.9	51.8	68.2	-16.4	Peak	Horizontal
	7723.5	35.4	11.8	47.2	74.0	-26.8	Peak	Vertical
	8369.5	35.3	12.3	47.6	74.0	-26.4	Peak	Vertical
*	10392.5	35.0	16.9	51.9	68.2	-16.3	Peak	Vertical
*	13019.0	33.5	18.0	51.5	68.2	-16.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	35.8	11.9	47.7	74.0	-26.3	Peak	Horizontal
	8471.5	36.1	12.4	48.5	74.0	-25.5	Peak	Horizontal
*	10197.0	34.6	16.2	50.8	68.2	-17.4	Peak	Horizontal
*	12840.5	33.8	17.4	51.2	68.2	-17.0	Peak	Horizontal
	7681.0	35.7	11.8	47.5	74.0	-26.5	Peak	Vertical
	8344.0	35.8	12.0	47.8	74.0	-26.2	Peak	Vertical
*	10401.0	35.0	16.8	51.8	68.2	-16.4	Peak	Vertical
*	13027.5	32.8	18.0	50.8	68.2	-17.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	35.4	11.7	47.1	74.0	-26.9	Peak	Horizontal
	8157.0	36.0	12.4	48.4	74.0	-25.6	Peak	Horizontal
*	9967.5	34.4	16.0	50.4	68.2	-17.8	Peak	Horizontal
*	13053.0	34.4	17.9	52.3	68.2	-15.9	Peak	Horizontal
	7485.5	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical
	8106.0	35.7	12.6	48.3	74.0	-25.7	Peak	Vertical
*	10528.5	34.4	17.2	51.6	68.2	-16.6	Peak	Vertical
*	13087.0	34.7	18.1	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	36.0	11.7	47.7	74.0	-26.3	Peak	Horizontal
	8157.0	36.3	12.4	48.7	74.0	-25.3	Peak	Horizontal
*	10129.0	34.0	16.2	50.2	68.2	-18.0	Peak	Horizontal
*	12934.0	32.6	17.7	50.3	68.2	-17.9	Peak	Horizontal
	7426.0	35.2	11.9	47.1	74.0	-26.9	Peak	Vertical
	8148.5	35.0	12.4	47.4	74.0	-26.6	Peak	Vertical
*	9908.0	34.1	16.0	50.1	68.2	-18.1	Peak	Vertical
*	12815.0	33.4	17.6	51.0	68.2	-17.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	36.1	11.8	47.9	74.0	-26.1	Peak	Horizontal
	8131.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	9899.5	33.9	16.1	50.0	68.2	-18.2	Peak	Horizontal
*	13180.5	33.8	18.2	52.0	68.2	-16.2	Peak	Horizontal
	7485.5	34.7	11.9	46.6	74.0	-27.4	Peak	Vertical
	8463.0	35.3	12.3	47.6	74.0	-26.4	Peak	Vertical
*	10350.0	32.8	16.8	49.6	68.2	-18.6	Peak	Vertical
*	12815.0	32.9	17.6	50.5	68.2	-17.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	34.9	11.7	46.6	74.0	-27.4	Peak	Horizontal
	8182.5	35.2	12.4	47.6	74.0	-26.4	Peak	Horizontal
*	10316.0	34.2	16.6	50.8	68.2	-17.4	Peak	Horizontal
*	13019.0	33.6	18.0	51.6	68.2	-16.6	Peak	Horizontal
	7468.5	34.6	11.8	46.4	74.0	-27.6	Peak	Vertical
	8250.5	35.1	12.3	47.4	74.0	-26.6	Peak	Vertical
*	10358.5	34.3	16.8	51.1	68.2	-17.1	Peak	Vertical
*	13240.0	33.4	18.2	51.6	68.2	-16.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	120
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.9	11.8	47.7	74.0	-26.3	Peak	Horizontal
	8497.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	9874.0	35.0	16.1	51.1	68.2	-17.1	Peak	Horizontal
*	12951.0	33.2	17.7	50.9	68.2	-17.3	Peak	Horizontal
	7392.0	35.1	11.7	46.8	74.0	-27.2	Peak	Vertical
	8437.5	35.0	12.4	47.4	74.0	-26.6	Peak	Vertical
*	10273.5	34.0	16.7	50.7	68.2	-17.5	Peak	Vertical
*	12866.0	33.6	17.7	51.3	68.2	-16.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	35.7	11.9	47.6	74.0	-26.4	Peak	Horizontal
	8242.0	35.2	12.3	47.5	74.0	-26.5	Peak	Horizontal
*	9755.0	34.1	15.9	50.0	68.2	-18.2	Peak	Horizontal
*	13053.0	34.2	17.9	52.1	68.2	-16.1	Peak	Horizontal
	7536.5	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical
	8310.0	35.7	12.4	48.1	74.0	-25.9	Peak	Vertical
*	10044.0	35.1	16.1	51.2	68.2	-17.0	Peak	Vertical
*	13027.5	32.7	18.0	50.7	68.2	-17.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.3	11.8	47.1	74.0	-26.9	Peak	Horizontal
	8318.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
*	10367.0	35.0	16.9	51.9	68.2	-16.3	Peak	Horizontal
*	13138.0	33.1	18.1	51.2	68.2	-17.0	Peak	Horizontal
	7672.5	35.4	11.7	47.1	74.0	-26.9	Peak	Vertical
	8148.5	35.5	12.4	47.9	74.0	-26.1	Peak	Vertical
*	10154.5	33.5	16.4	49.9	68.2	-18.3	Peak	Vertical
*	12840.5	33.7	17.4	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	36.0	11.7	47.7	74.0	-26.3	Peak	Horizontal
	8140.0	36.0	12.5	48.5	74.0	-25.5	Peak	Horizontal
*	10163.0	34.9	16.5	51.4	68.2	-16.8	Peak	Horizontal
*	13112.5	34.5	18.1	52.6	68.2	-15.6	Peak	Horizontal
	7647.0	34.3	11.6	45.9	74.0	-28.1	Peak	Vertical
	8148.5	35.5	12.4	47.9	74.0	-26.1	Peak	Vertical
*	9950.5	34.0	16.1	50.1	68.2	-18.1	Peak	Vertical
*	12908.5	33.4	17.7	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT20	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
	8216.5	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	9814.5	33.6	16.0	49.6	68.2	-18.6	Peak	Horizontal
*	13087.0	32.4	18.1	50.5	68.2	-17.7	Peak	Horizontal
	7519.5	35.4	11.9	47.3	74.0	-26.7	Peak	Vertical
	8242.0	35.8	12.3	48.1	74.0	-25.9	Peak	Vertical
*	10477.5	34.8	16.9	51.7	68.2	-16.5	Peak	Vertical
*	13044.5	34.2	18.0	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT40	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.7	11.8	47.5	74.0	-26.5	Peak	Horizontal
	8174.0	35.6	12.4	48.0	74.0	-26.0	Peak	Horizontal
*	9950.5	34.5	16.1	50.6	68.2	-17.6	Peak	Horizontal
*	13087.0	33.1	18.1	51.2	68.2	-17.0	Peak	Horizontal
	7392.0	35.4	11.7	47.1	74.0	-26.9	Peak	Vertical
	8131.5	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
*	10086.5	34.1	16.1	50.2	68.2	-18.0	Peak	Vertical
*	12942.5	34.0	17.7	51.7	68.2	-16.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT40	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.7	11.8	47.5	74.0	-26.5	Peak	Horizontal
	8497.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
*	9950.5	34.5	16.1	50.6	68.2	-17.6	Peak	Horizontal
*	12806.5	33.8	17.6	51.4	68.2	-16.8	Peak	Horizontal
	7562.0	35.4	11.9	47.3	74.0	-26.7	Peak	Vertical
	8225.0	35.5	12.2	47.7	74.0	-26.3	Peak	Vertical
*	10486.0	35.2	17.1	52.3	68.2	-15.9	Peak	Vertical
*	12874.5	34.6	17.7	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT40	Test Channel	54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.3	11.8	47.1	74.0	-26.9	Peak	Horizontal
	8225.0	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
*	9984.5	35.1	16.0	51.1	68.2	-17.1	Peak	Horizontal
*	12951.0	32.9	17.7	50.6	68.2	-17.6	Peak	Horizontal
	7324.0	37.1	11.7	48.8	74.0	-25.2	Peak	Vertical
	8403.5	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical
*	10443.5	33.4	16.8	50.2	68.2	-18.0	Peak	Vertical
*	12857.5	32.6	17.5	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Tablet	Temperature	25℃
Test Engineer	Cloud Guo	Relative Humidity	56%
Test Site	AC2	Test Date	2019/04/23
Test Mode	802.11n-HT40	Test Channel	62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	35.9	11.9	47.8	74.0	-26.2	Peak	Horizontal
	8225.0	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
*	9984.5	35.1	16.0	51.1	68.2	-17.1	Peak	Horizontal
*	12823.5	34.4	17.5	51.9	68.2	-16.3	Peak	Horizontal
	7477.0	35.9	11.9	47.8	74.0	-26.2	Peak	Vertical
	8225.0	36.5	12.2	48.7	74.0	-25.3	Peak	Vertical
*	10469.0	35.6	16.7	52.3	68.2	-15.9	Peak	Vertical
*	12823.5	34.4	17.5	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)