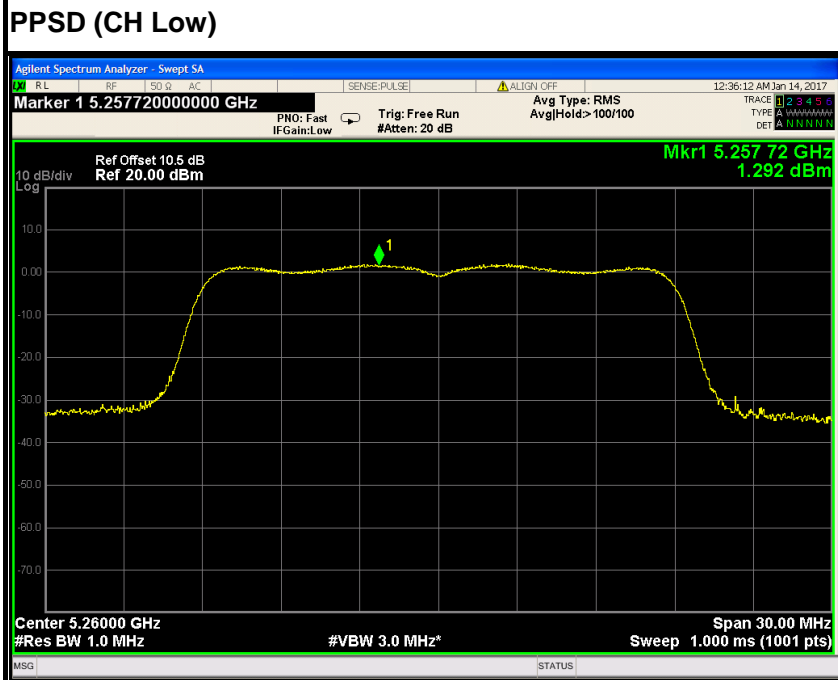
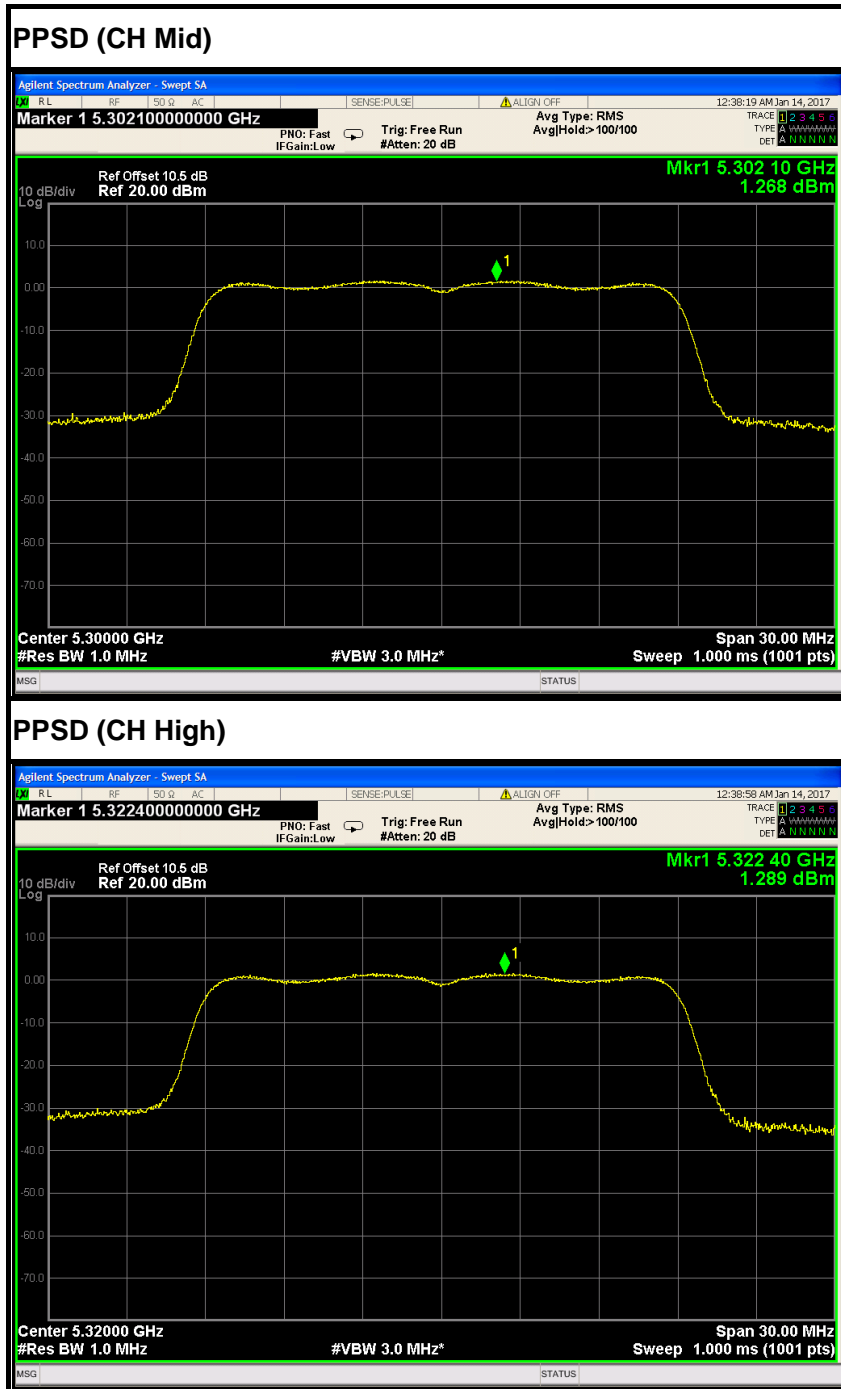
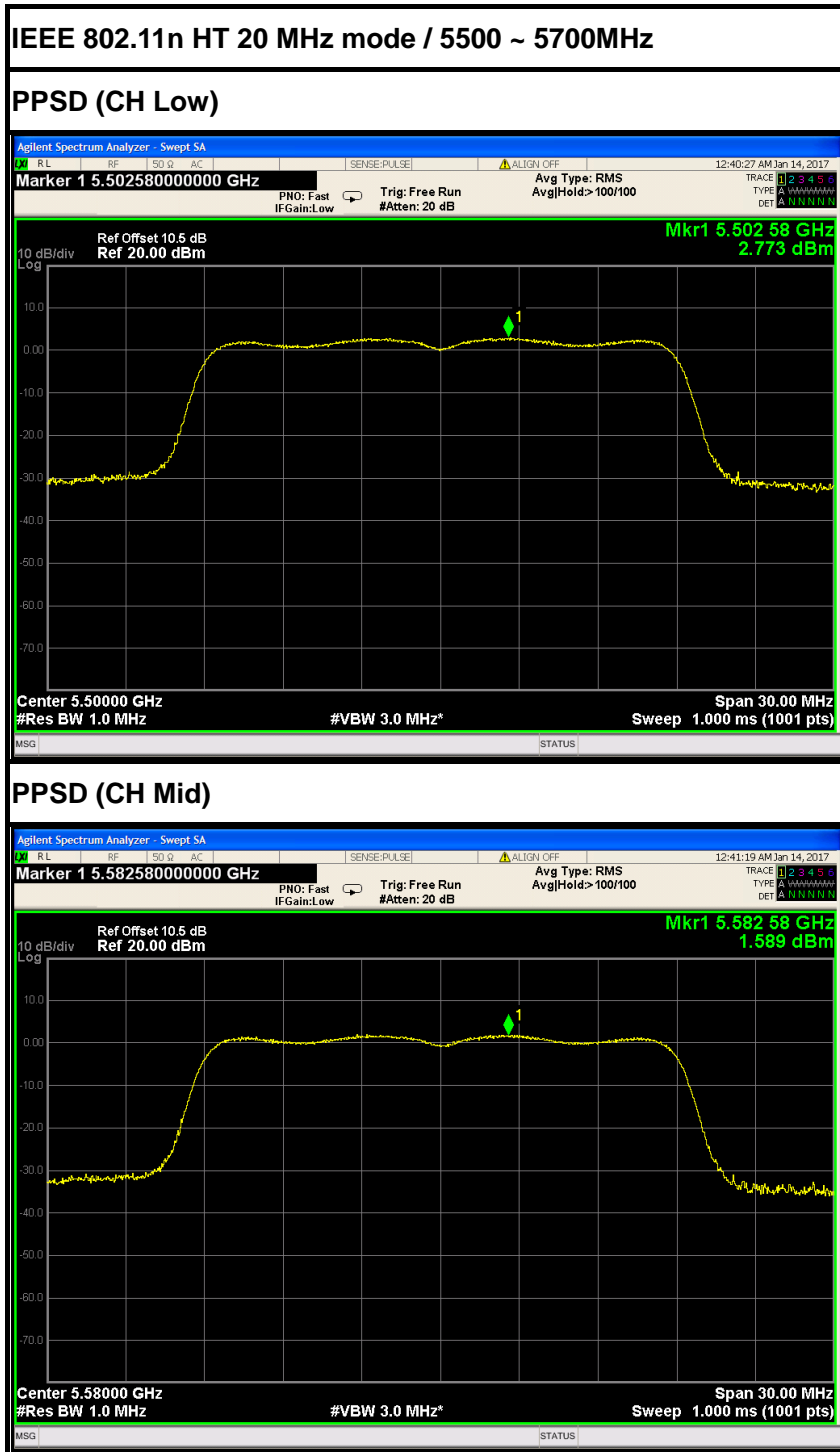
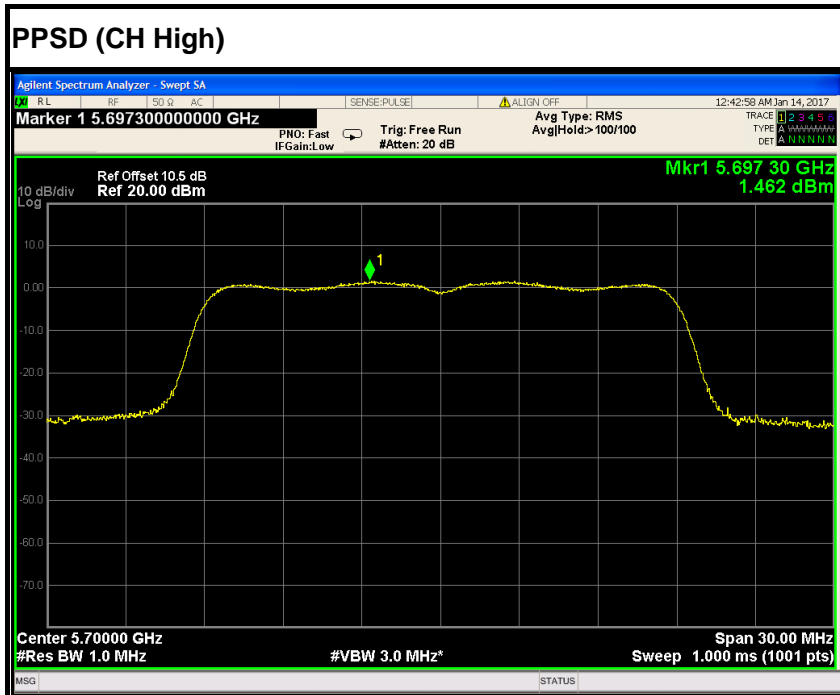


IEEE 802.11n HT 20 MHz mode / 5260~ 5320MHz

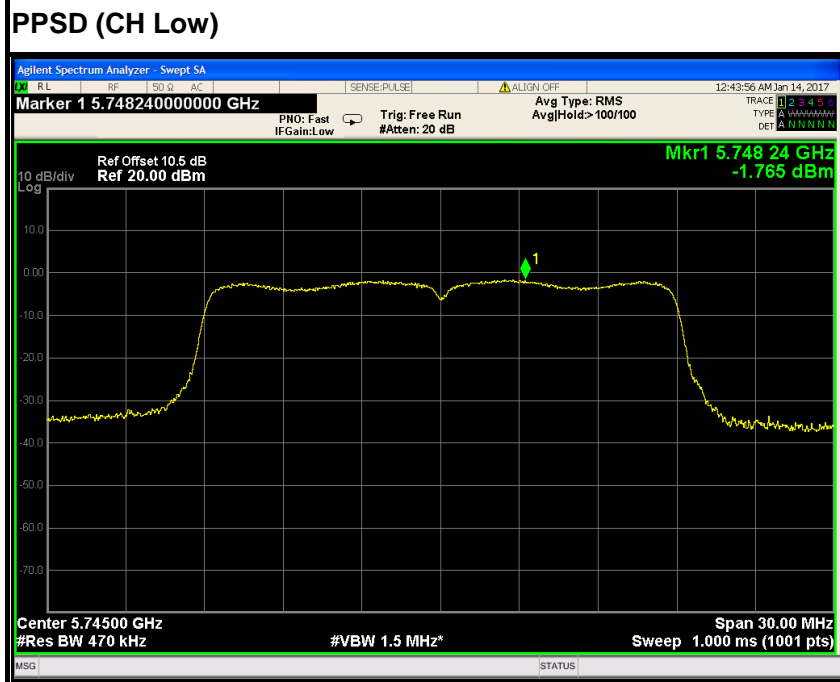


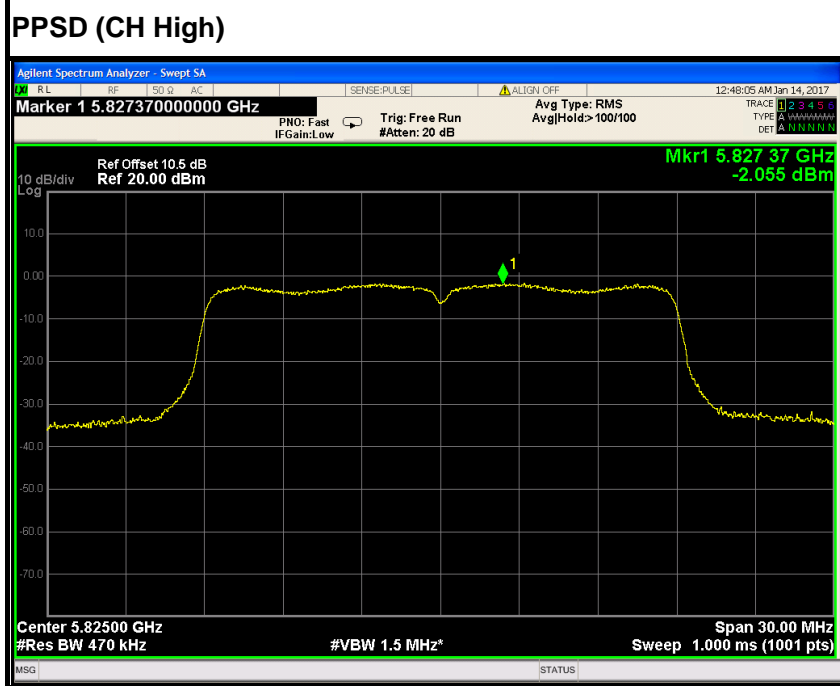
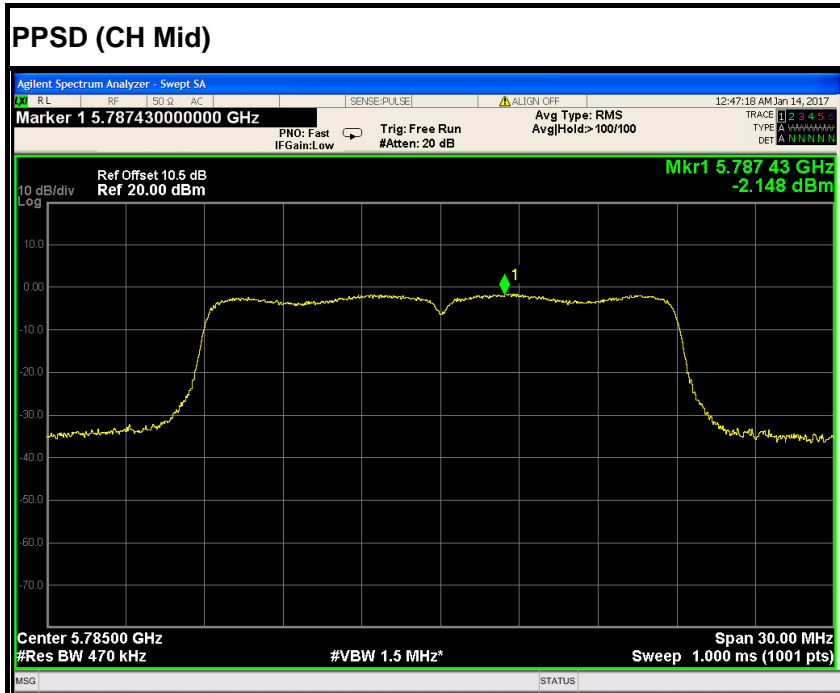


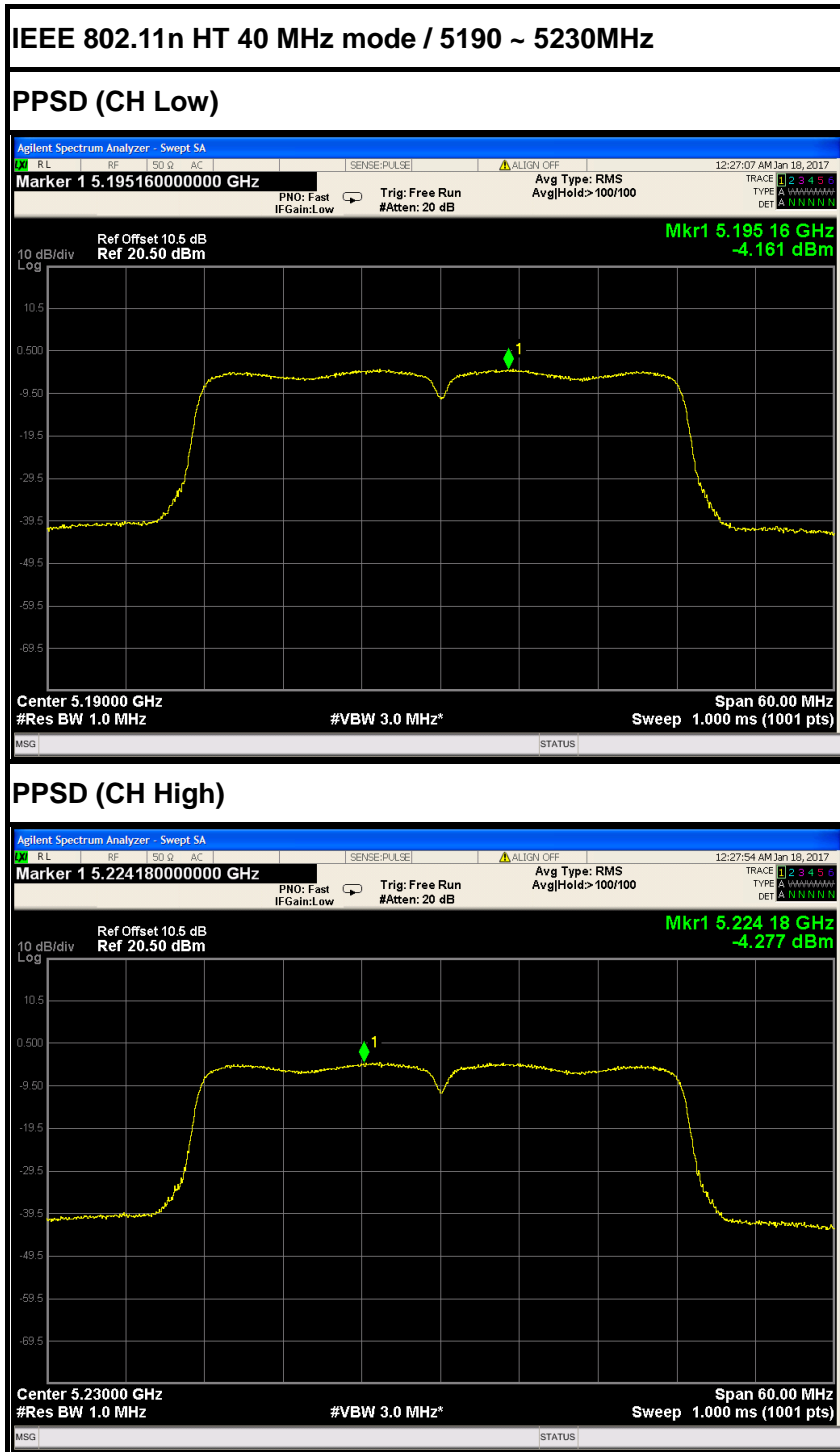


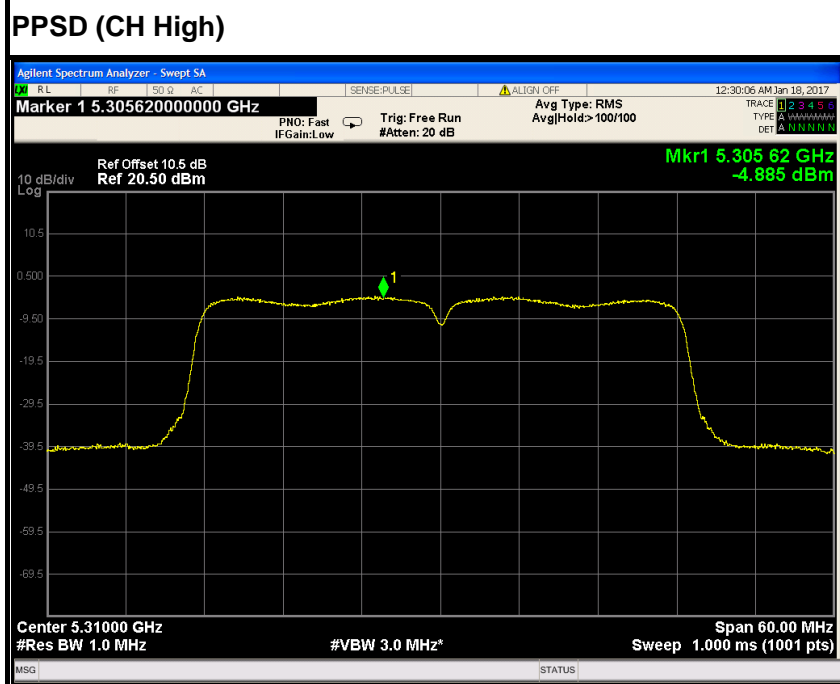
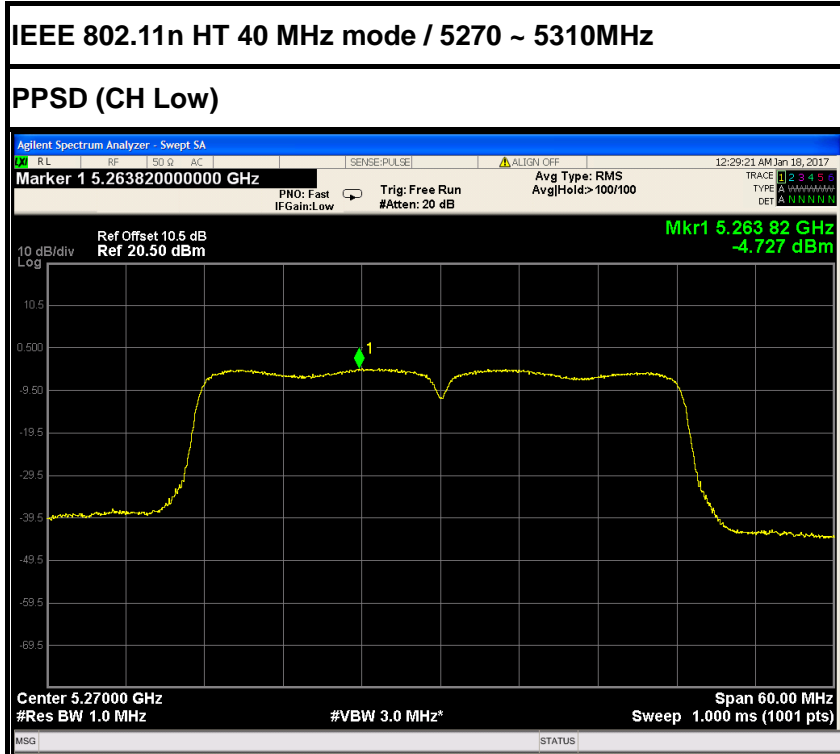


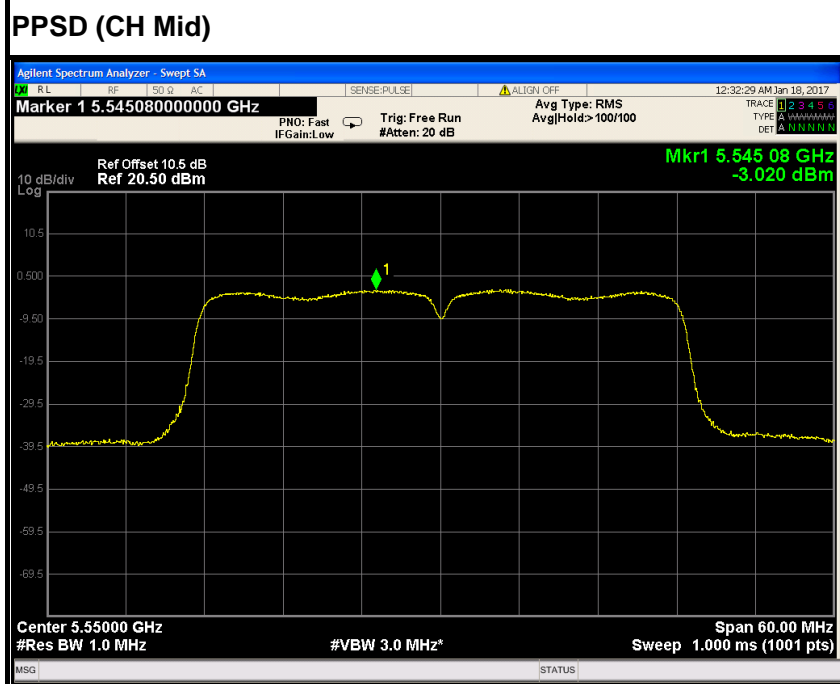
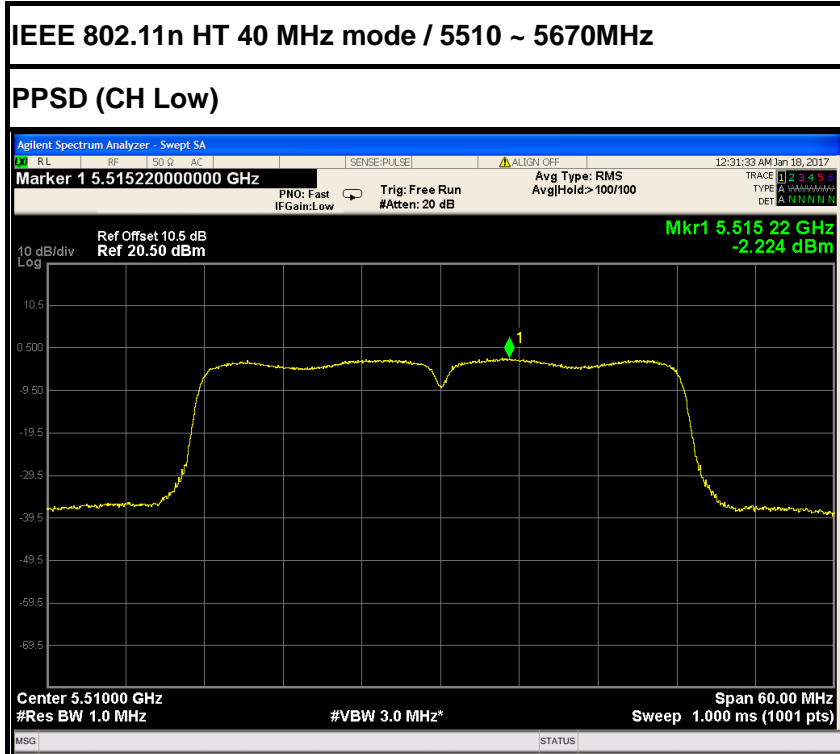
IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz

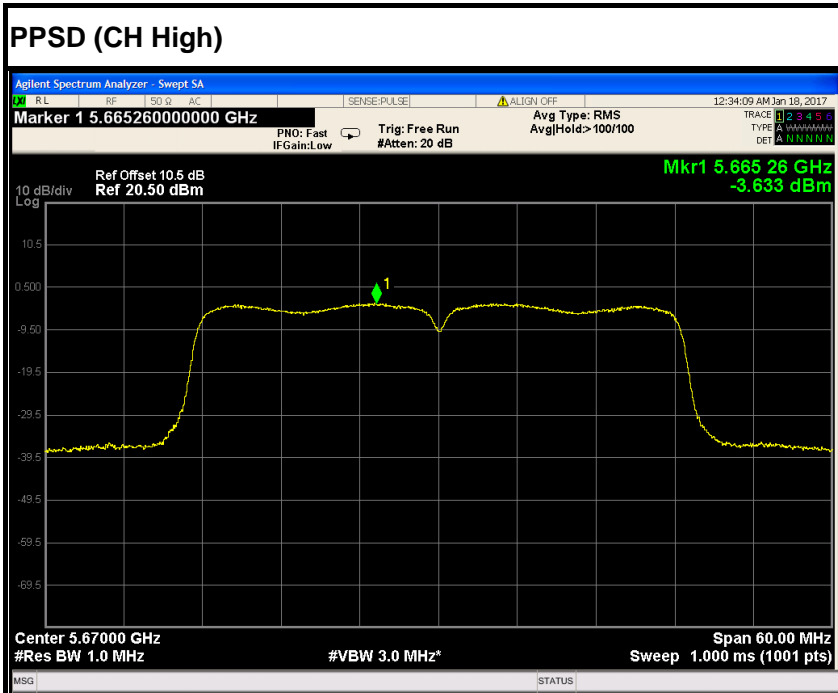




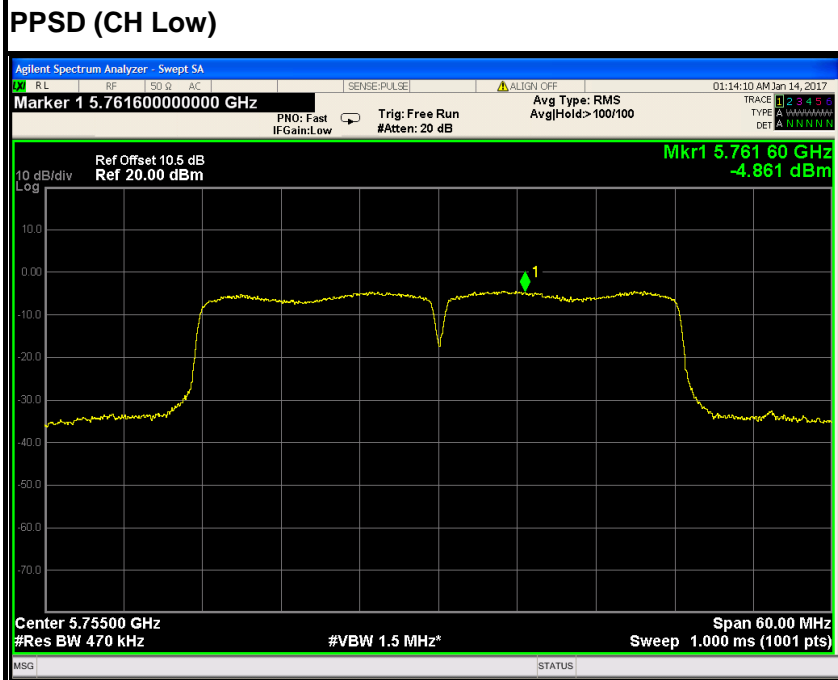


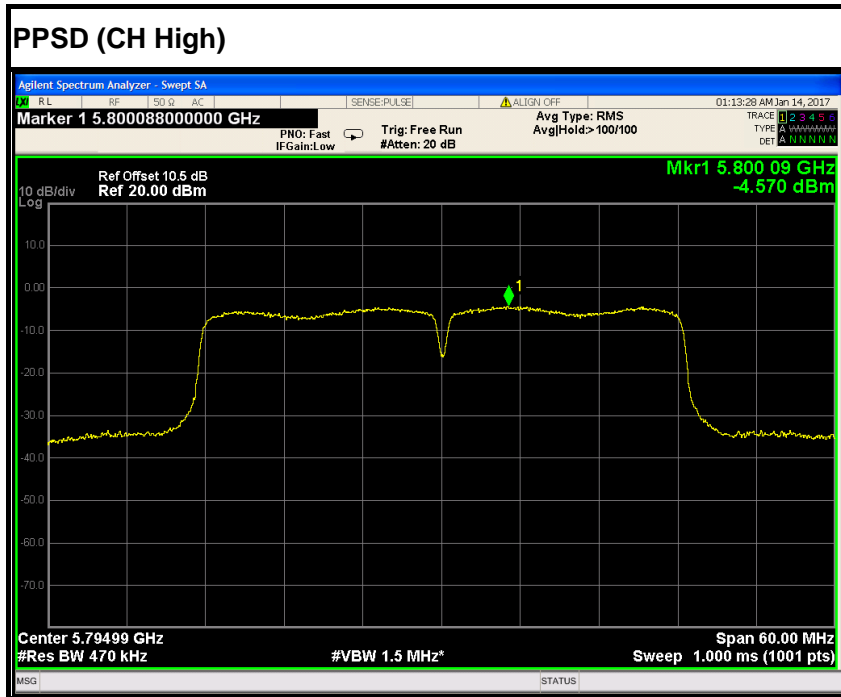


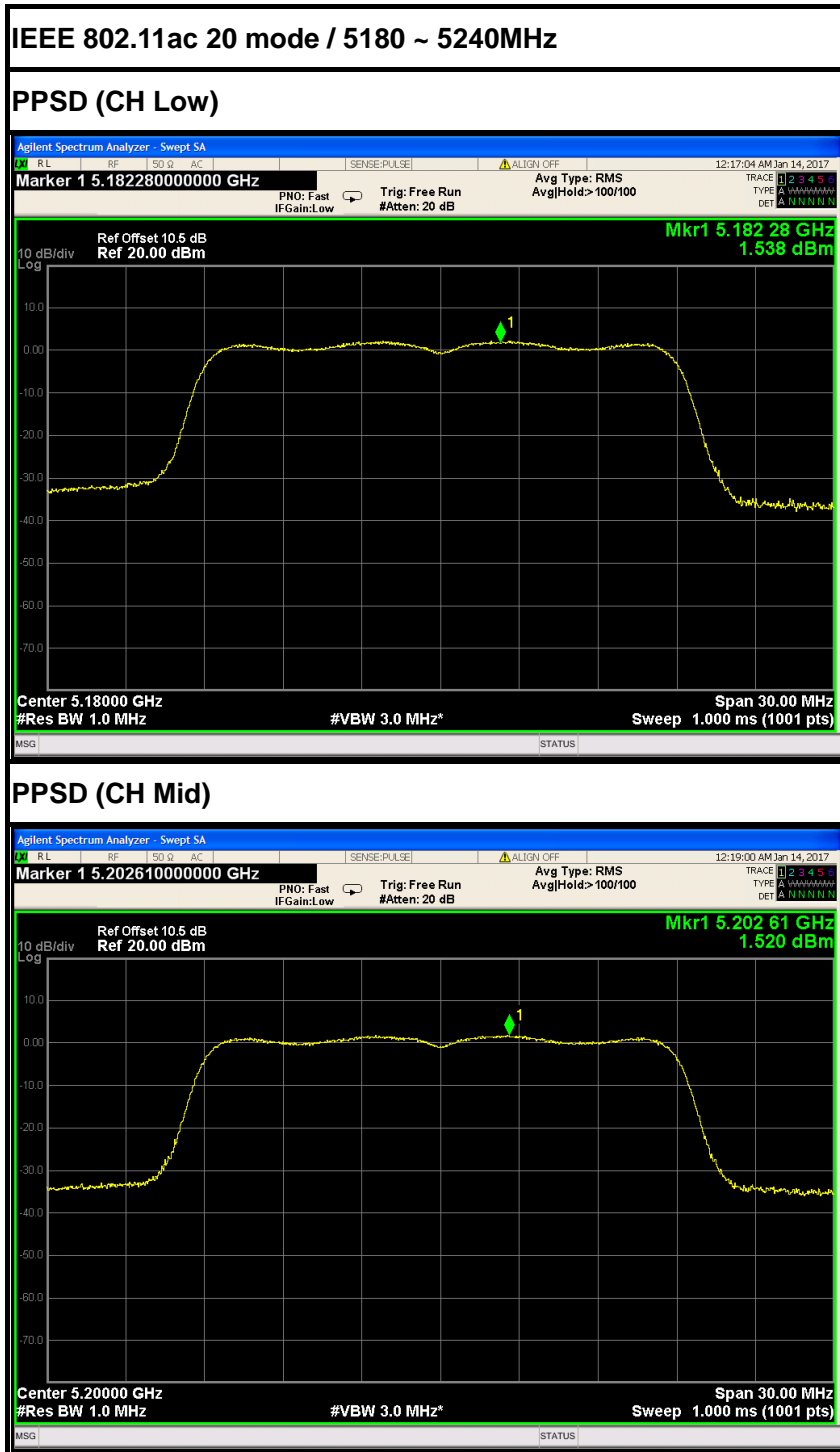


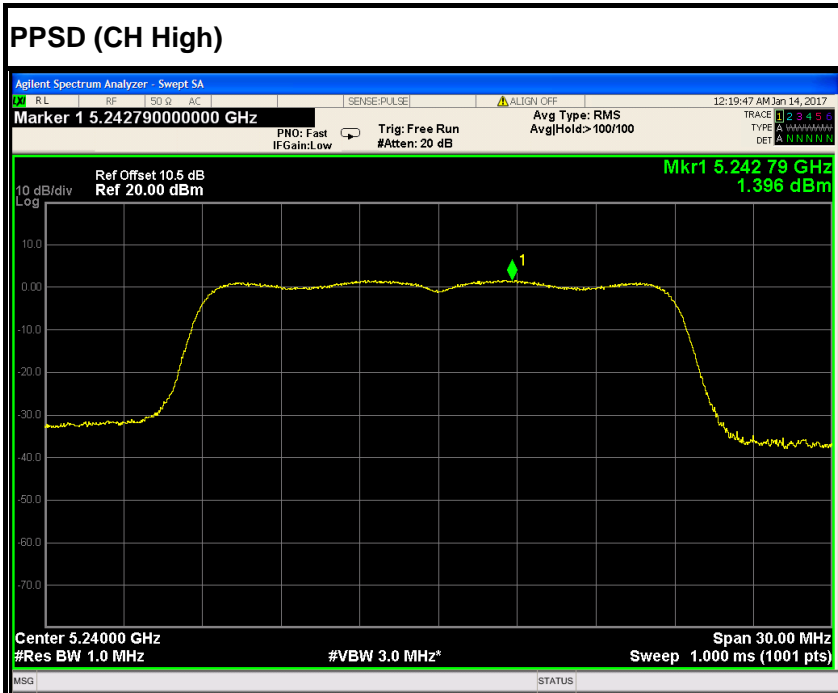


IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz

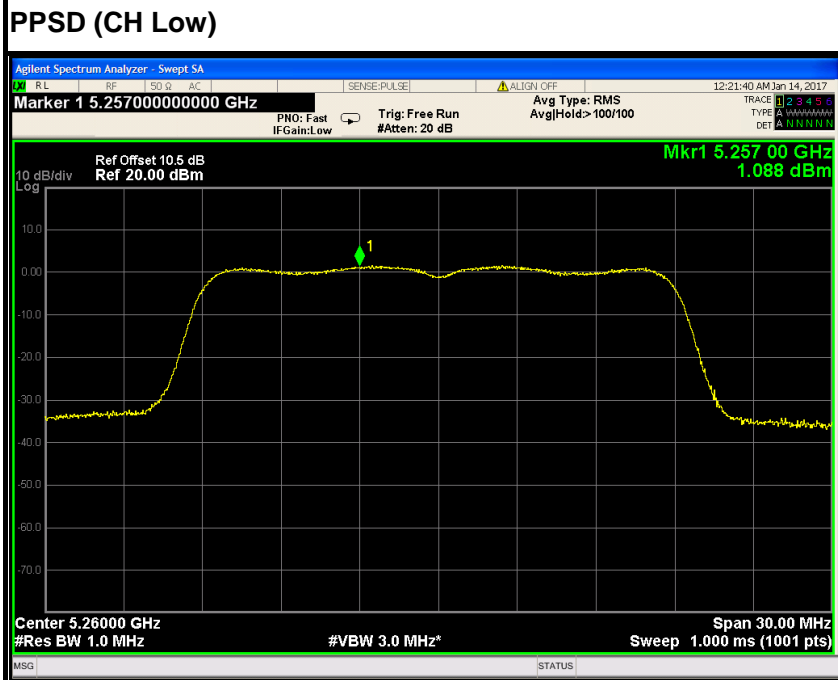


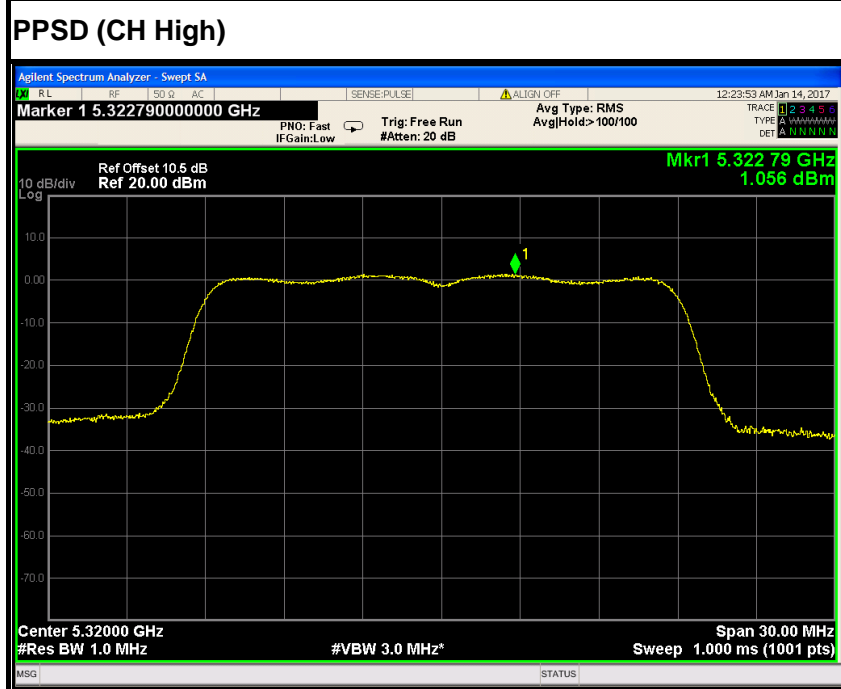
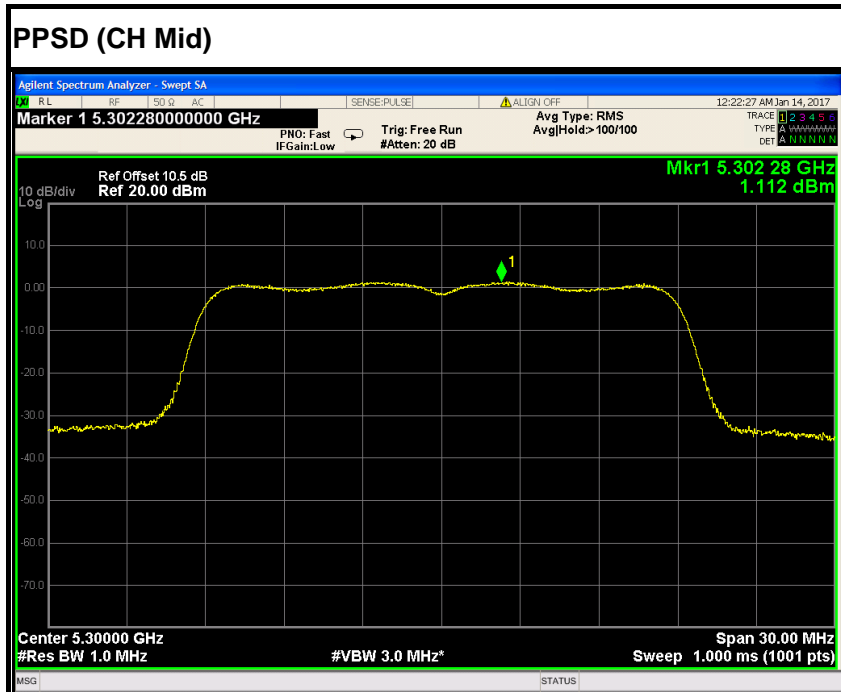


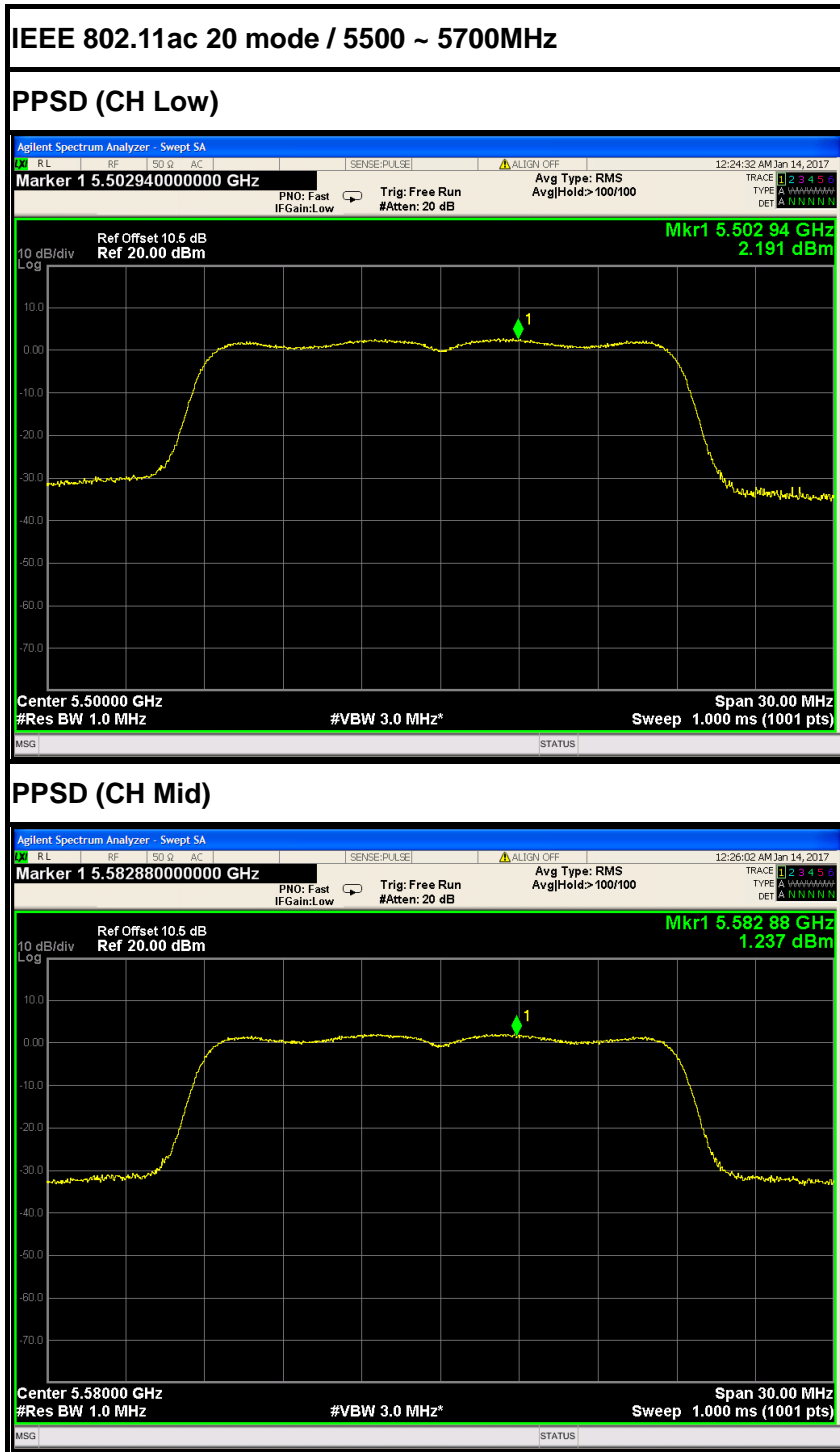


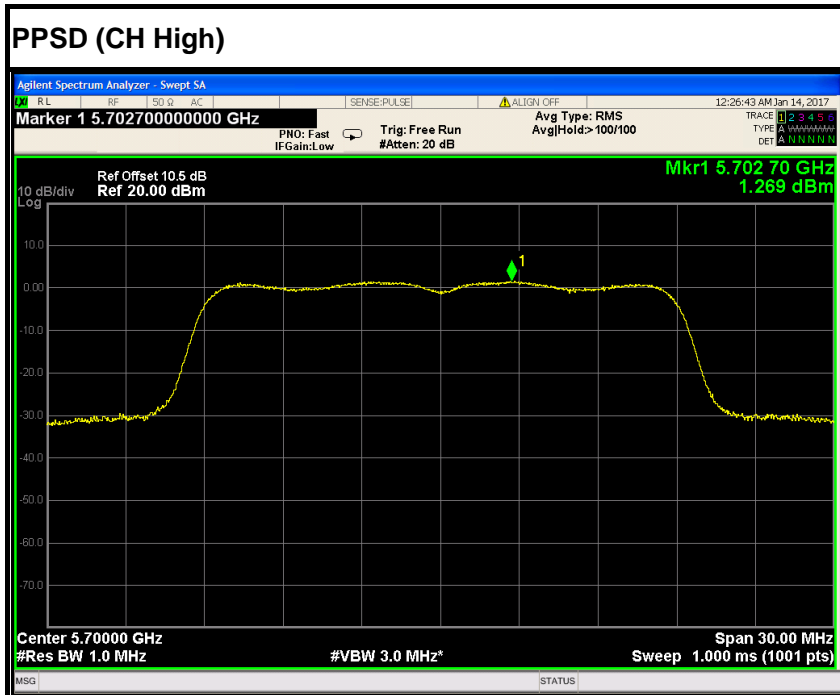


IEEE 802.11ac 20 mode / 5260~ 5320MHz

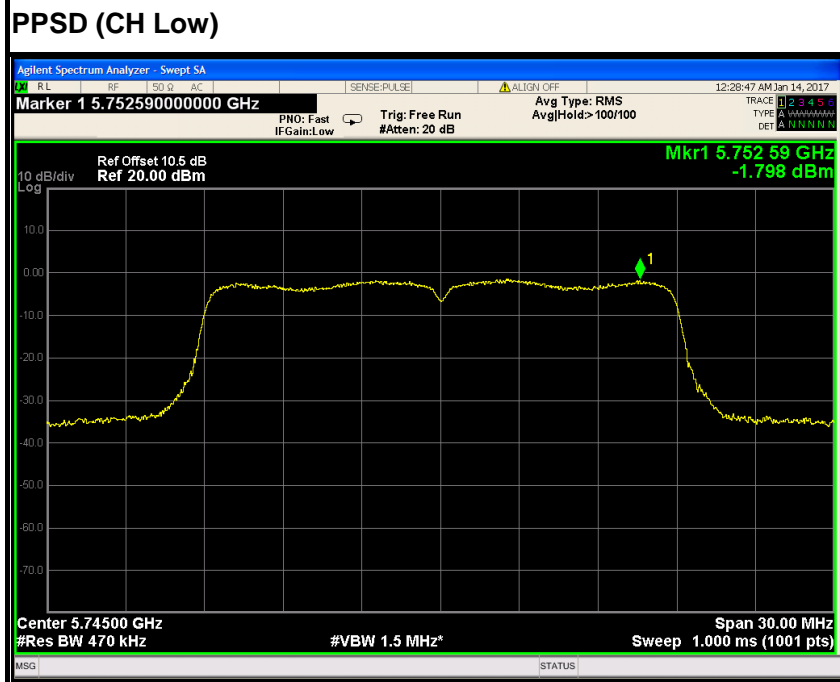


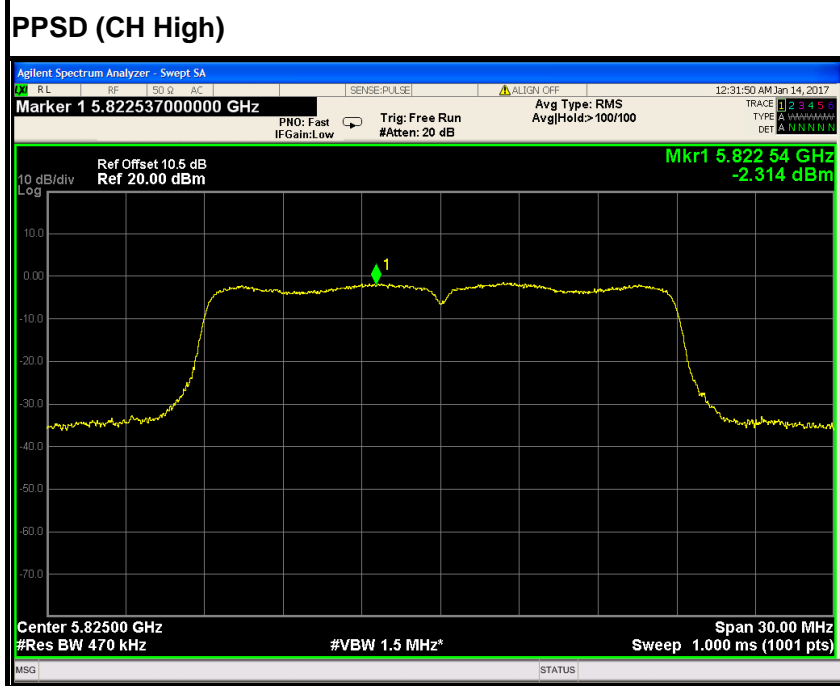
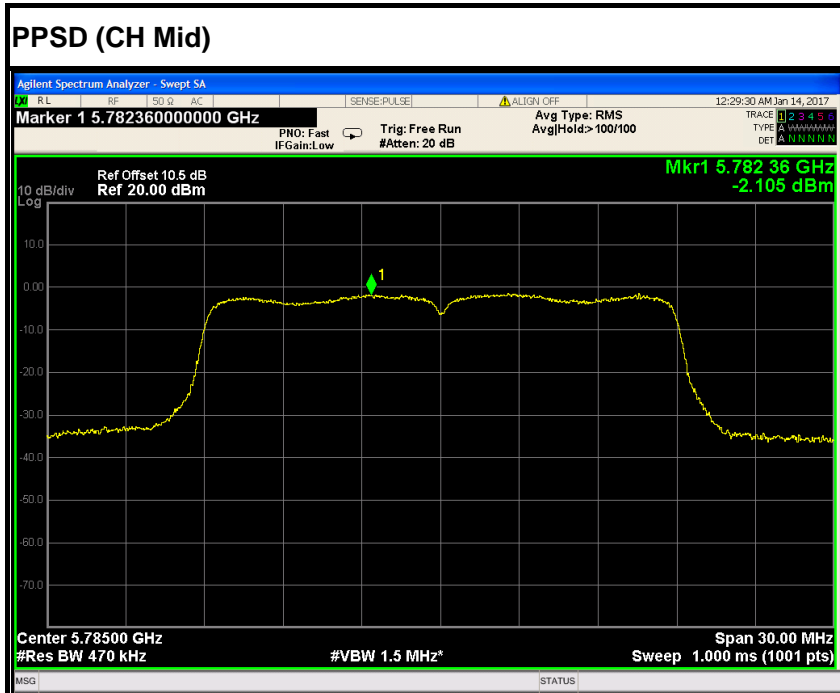


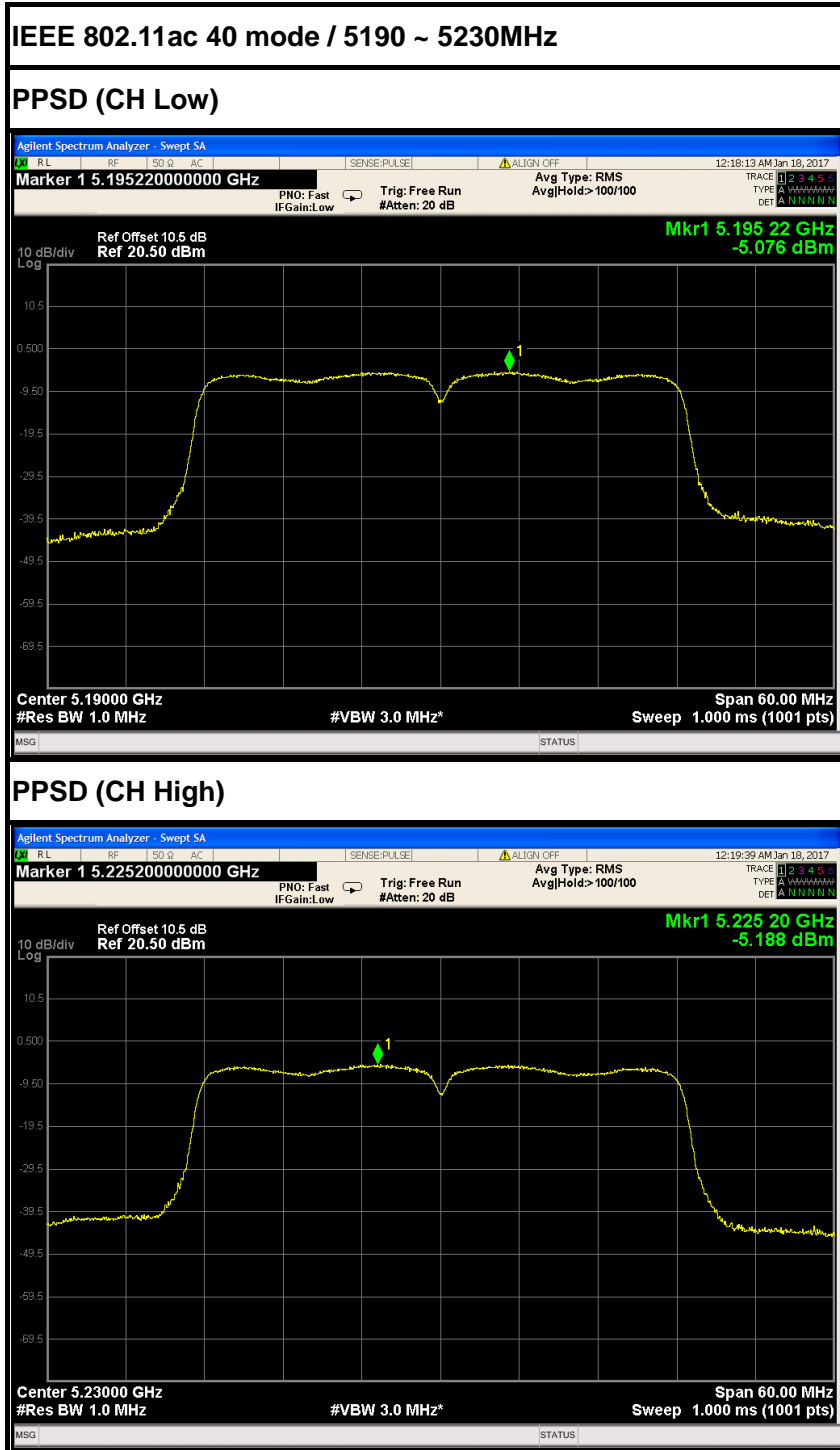




IEEE 802.11ac 20 mode / 5745 ~ 5825MHz



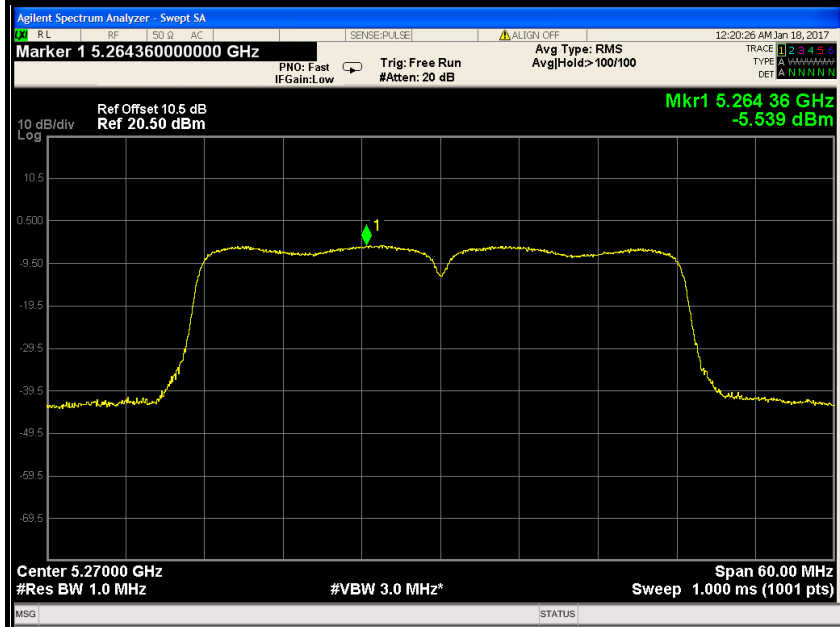




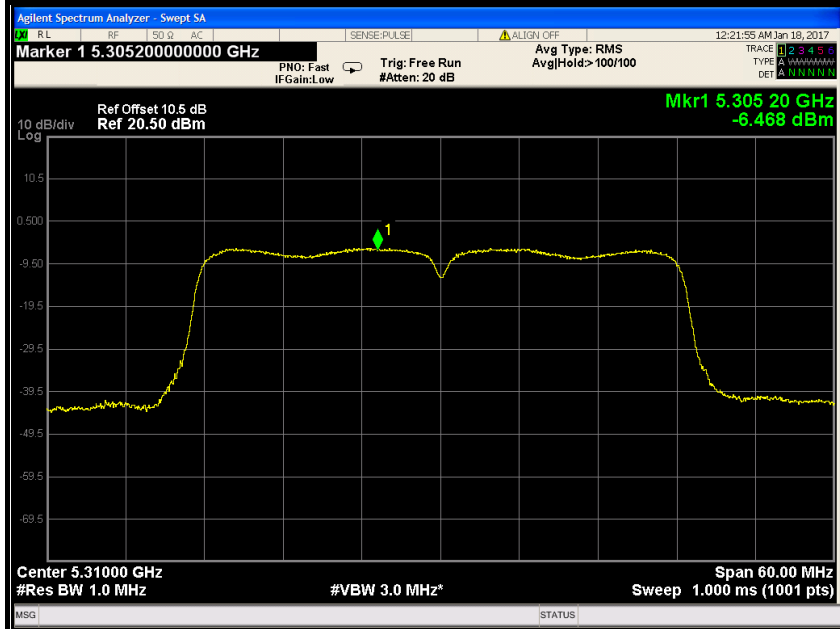


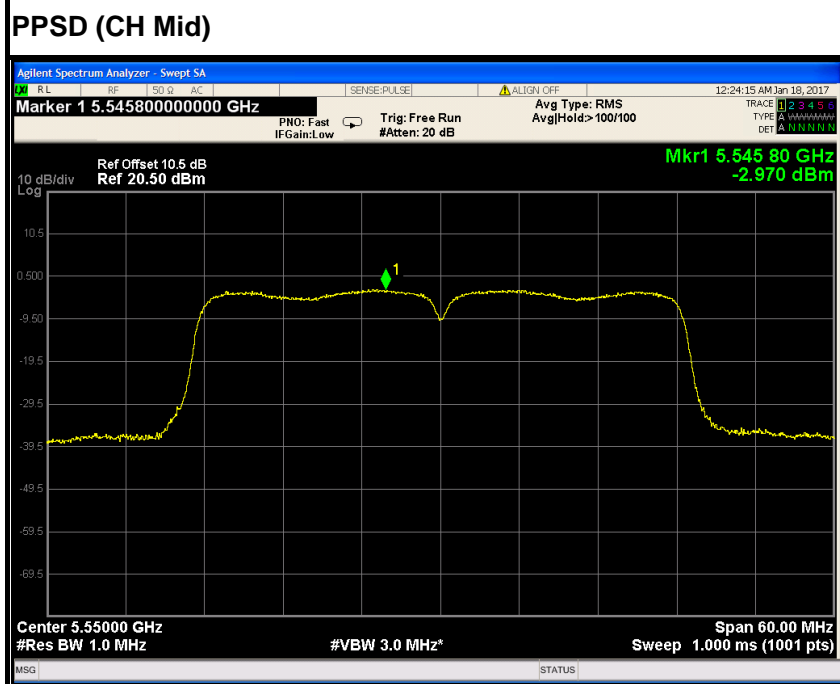
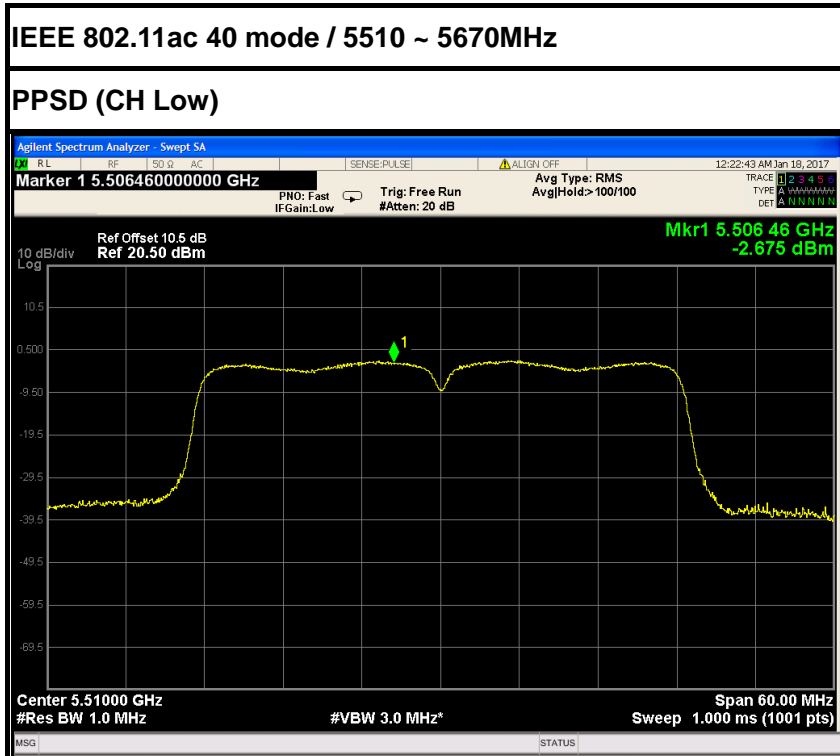
IEEE 802.11ac 40 mode / 5270 ~ 5310MHz

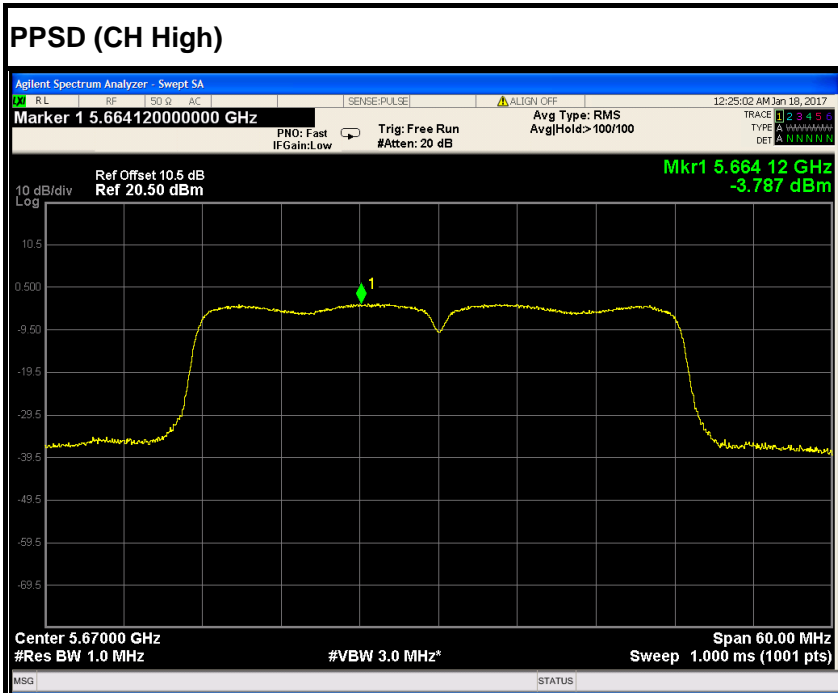
PPSD (CH Low)



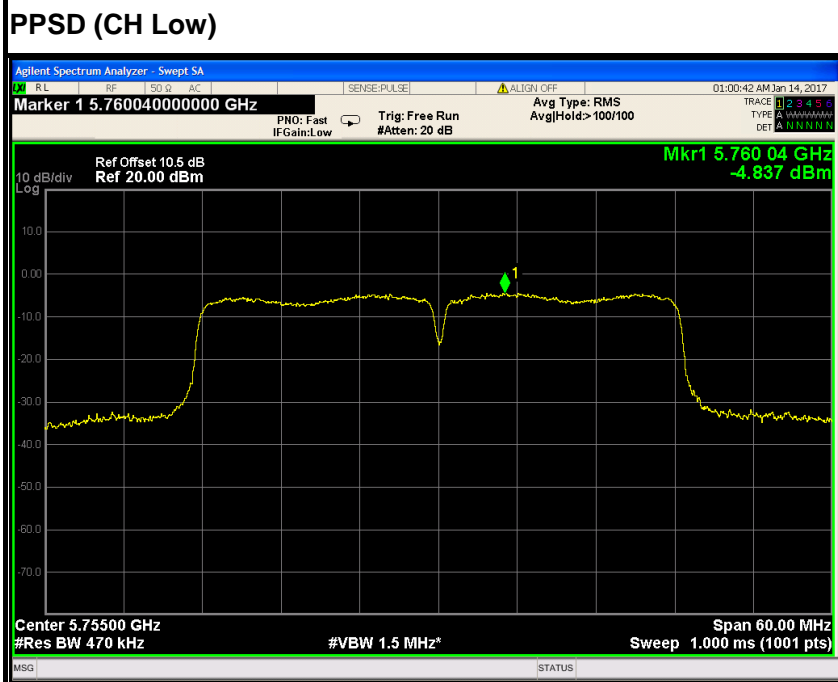
PPSD (CH High)

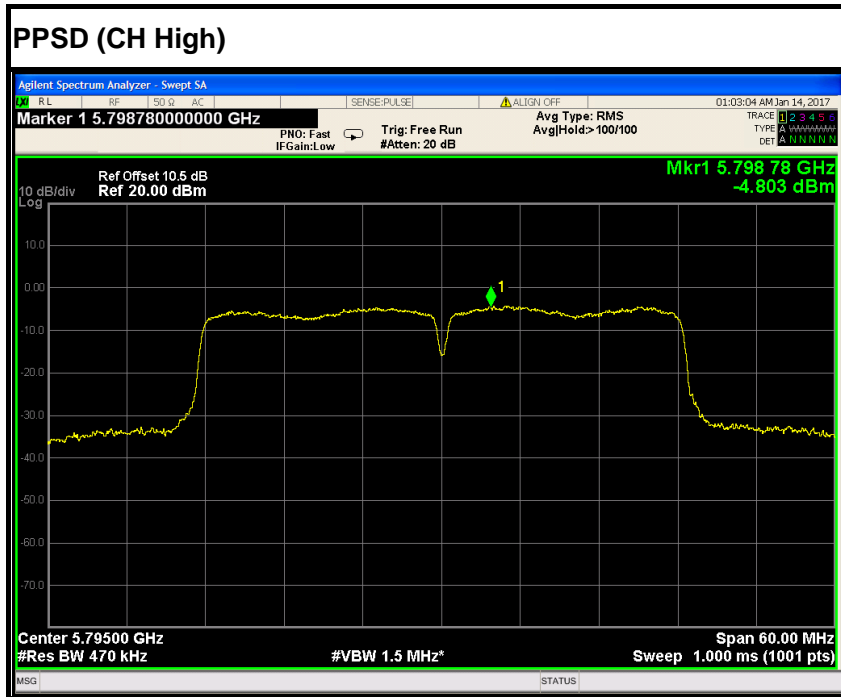


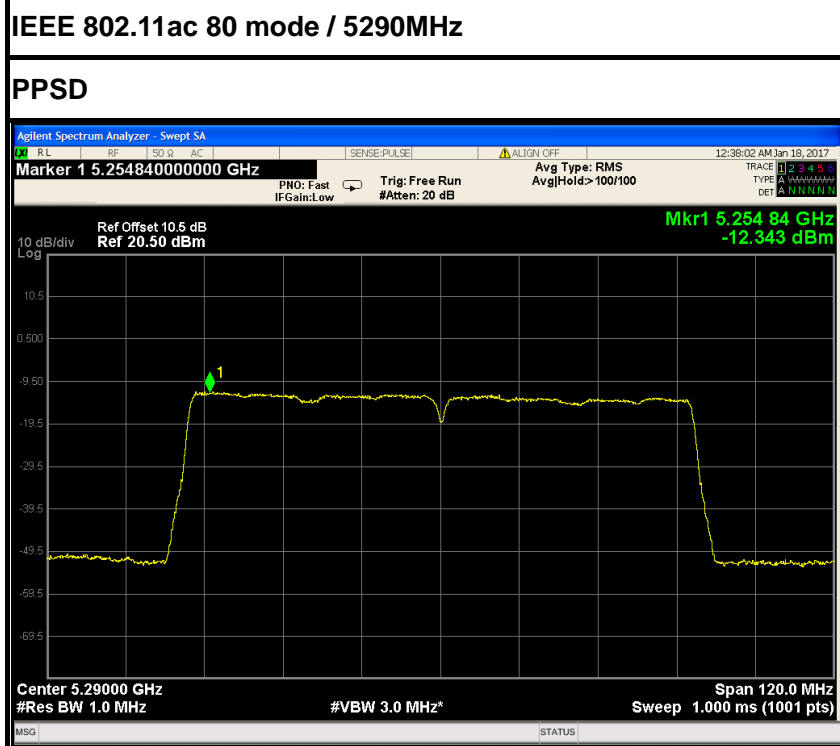
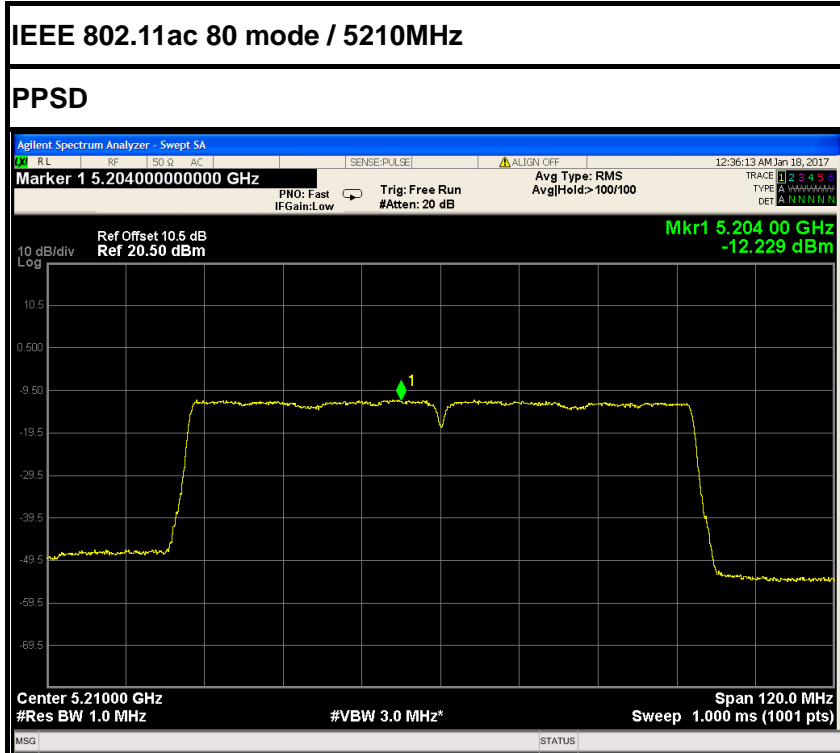


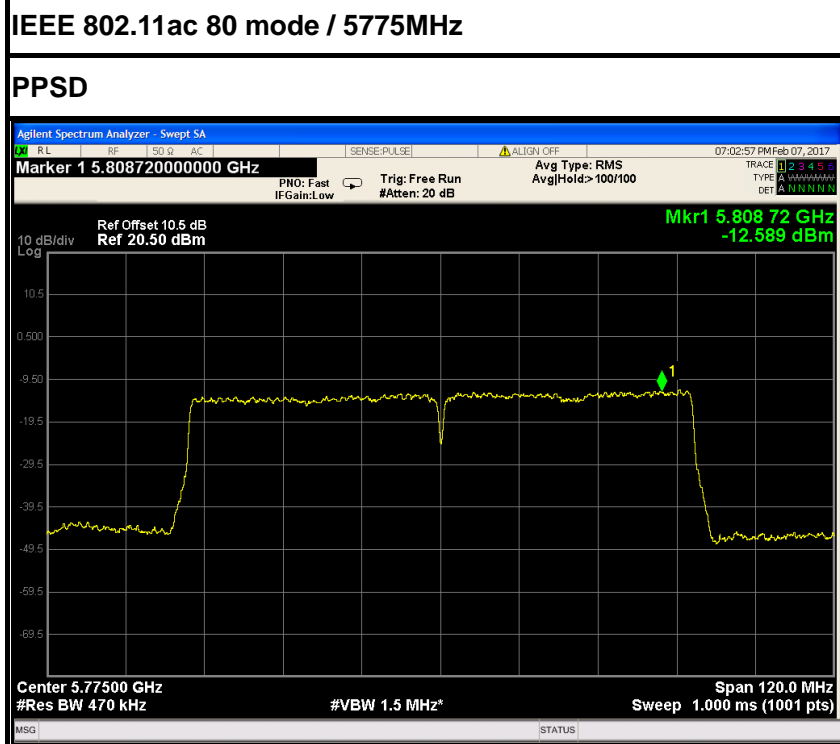
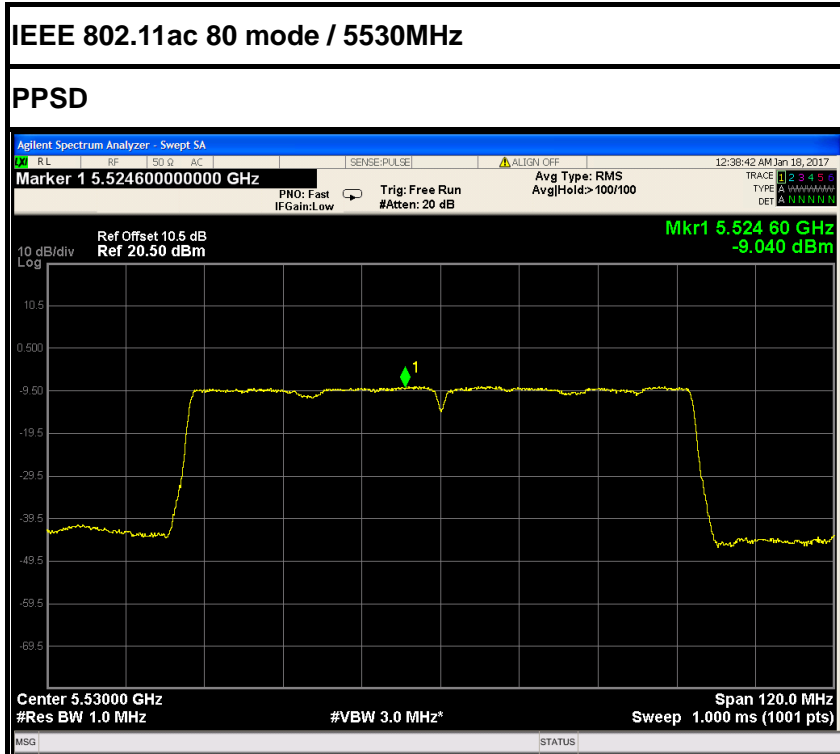


IEEE 802.11ac 40 mode / 5755 ~ 5795MHz











6.7 RADIATED UNDESIRABLE EMISSION

6.7.1 LIMIT

1. According to §15.209(a), except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500	3

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

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

Frequency (MHz)	Field Strength ($\mu\text{V/m}$ at 3-meter)	Field Strength (dB $\mu\text{V/m}$ at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

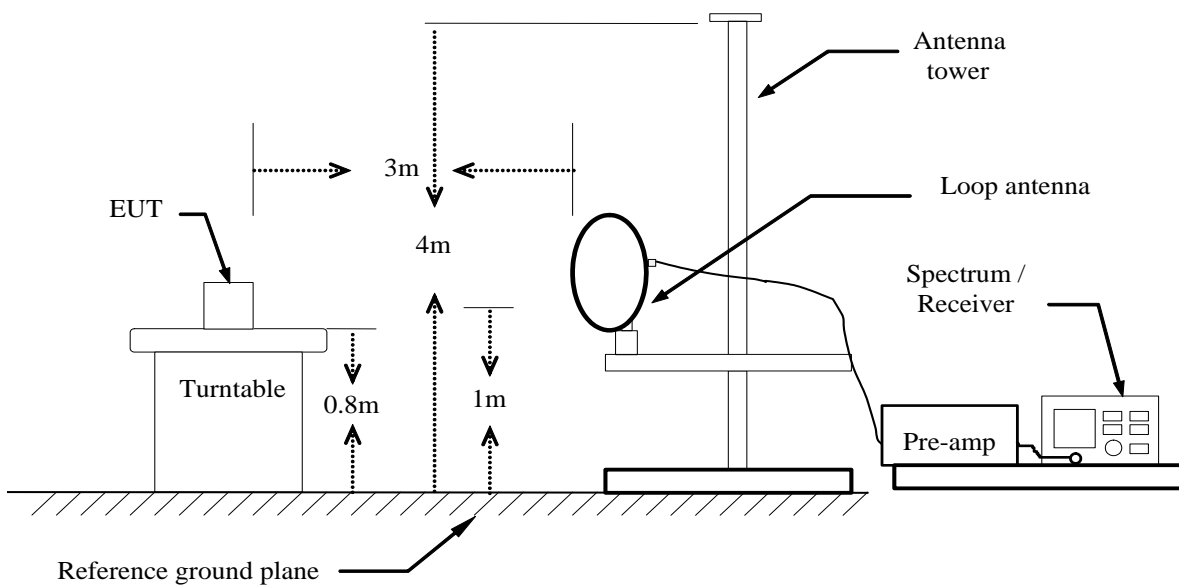


6.7.2 TEST INSTRUMENTS

Radiated Emission Test Site 966(2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2016	02/20/2017
Amplifier	EMEC	EM330	060661	03/18/2016	03/17/2017
High Noise Amplifier	Agilent	8449B	3008A01838	02/21/2016	02/20/2017
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170-497	02/28/2016	02/27/2017
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/21/2016	02/20/2017
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/28/2016	02/27/2017
Loop Antenna	COM-POWER	AL-130	121044	09/25/2016	09/24/2017
Turn Table	N/A	N/A	N/A	N.C.R	N.C.R
Controller	Sunol Sciences	SC104V	022310-1	N.C.R	N.C.R
Controller	CT	N/A	N/A	N.C.R	N.C.R
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2016	02/20/2017
Antenna Tower	SUNOL	TLT2	N/A	N.C.R	N.C.R
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2			

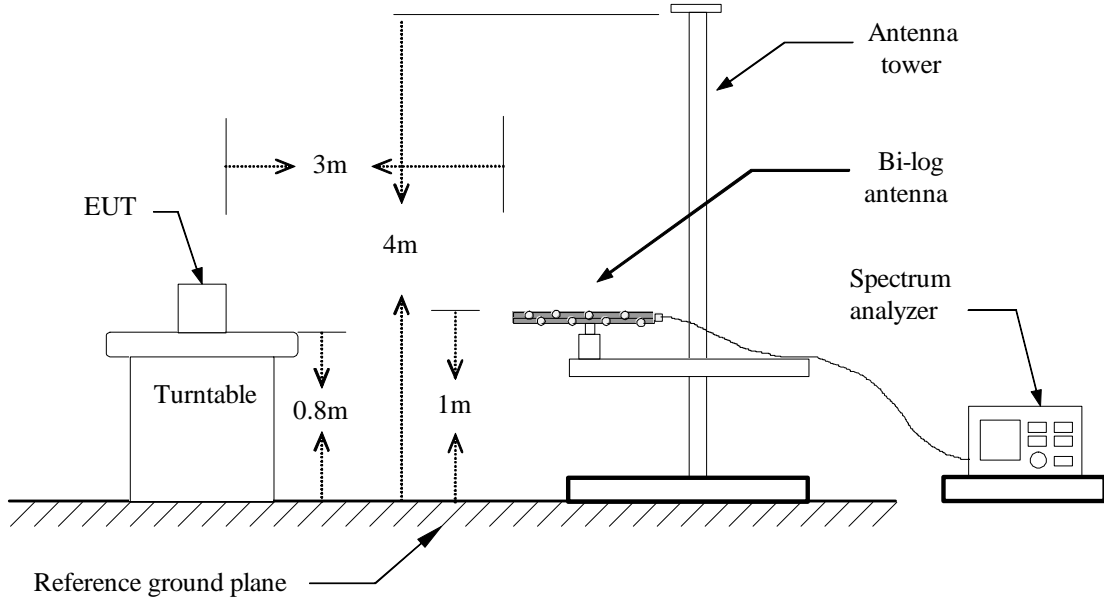
6.7.3 TEST CONFIGURATION

Below 30MHz

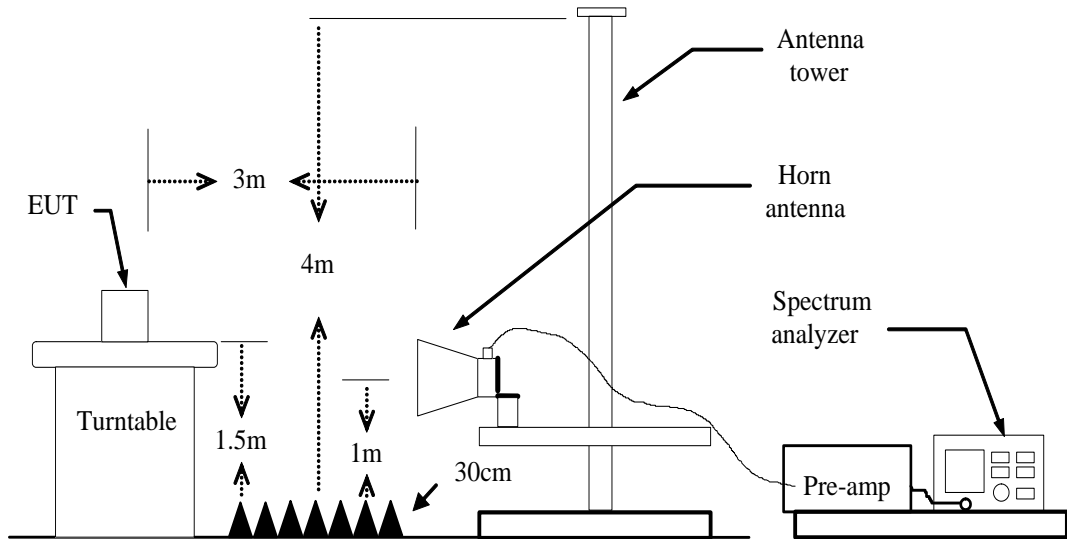




Below 1 GHz



Above 1 GHz



For the actual test configuration, please refer to the related item – Photographs of the TEST CONFIGURATION.



6.7.4 MEASURING SETTING

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP/AVG
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP/AVG
Start ~ Stop Frequency	30MHz~1000MHz / RB 100kHz for QP

6.7.5 TEST PROCEDURE

1) Sequence of testing 9 kHz to 30 MHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Pre measurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna height is 0.8 meter.
- At each turntable position the analyzer sweeps with peak detection to find the



maximum of all emissions

Final measurement:

--- Identified emissions during the pre measurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).

--- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.

--- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement and the limit will be stored.

2) Sequence of testing 30 MHz to 1 GHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Auxiliary equipment and cables were positioned to simulate normal operation conditions

--- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

--- The turntable rotates from 0° to 315° using 45° steps.

--- The antenna is polarized vertical and horizontal.

--- The antenna height changes from 1 to 3 meter.

--- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.



Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

3) Sequence of testing 1 GHz to 18 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Pre measurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height scan range is 1 meter to 2.5 meter.
- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.



Final measurement:

--- The final measurement will be performed with minimum the six highest peaks.

--- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter. This procedure is repeated for both antenna polarizations.

--- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.

--- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement with marked maximum final measurements and the limit will be stored.

4) Sequence of testing above 18 GHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Auxiliary equipment and cables were positioned to simulate normal operation conditions

--- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.

--- The measurement distance is 1 meter.

--- The EUT was set into operation.

Pre measurement:

--- The antenna is moved spherical over the EUT in different polarisations of the antenna.

Final measurement:

--- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the premeasurements with Peak and Average detector.

--- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.



6.7.6 DATA SAMPLE

Below 1GHz

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
XXX.XXXX	36.37	-12.20	24.17	40.00	-15.83	V	QP

Frequency (MHz) = Emission frequency in MHz
 Reading (dBuV) = Uncorrected Analyzer / Receiver reading
 Correct Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
 Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
 Limit (dBuV/m) = Limit stated in standard
 Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)
 Q.P. = Quasi-peak Reading

Above 1GHz

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
XXXX.XXXX	62.09	-11.42	50.67	74.00	-23.33	V	Peak
XXXX.XXXX	49.78	-11.42	38.36	54.00	-15.64	V	AVG

Frequency (MHz) = Emission frequency in MHz
 Reading (dBuV) = Uncorrected Analyzer / Receiver reading
 Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
 Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
 Limit (dBuV/m) = Limit stated in standard
 Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)
 Peak = Peak Reading
 AVG = Average Reading

Calculation Formula

Margin (dB) = Result (dBuV/m) – Limits (dBuV/m)
 Result (dBuV/m) = Reading (dBuV) + Correction Factor

**6.7.7 TEST RESULTS****Below 1 GHz****Antenna 1****Test Mode:** TX**Tested by:** Jackson Luo**Ambient temperature:** 24°C **Relative humidity:** 52% RH**Date:** January 14, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
108.5700	39.77	-22.09	17.68	43.50	-25.82	V	QP
282.2000	46.66	-20.41	26.25	46.00	-19.75	V	QP
418.0000	48.77	-15.46	33.31	46.00	-12.69	V	QP
600.3600	40.77	-12.86	27.91	46.00	-18.09	V	QP
860.3200	35.47	-10.62	24.85	46.00	-21.15	V	QP
960.2300	42.29	-8.69	33.60	54.00	-20.40	V	QP
99.8400	47.33	-23.70	23.63	43.50	-19.87	H	QP
125.0600	46.90	-20.94	25.96	43.50	-17.54	H	QP
212.3600	49.08	-21.24	27.84	43.50	-15.66	H	QP
282.2000	49.06	-20.41	28.65	46.00	-17.35	H	QP
430.6100	48.50	-15.60	32.90	46.00	-13.10	H	QP
491.7200	43.00	-14.36	28.64	46.00	-17.36	H	QP

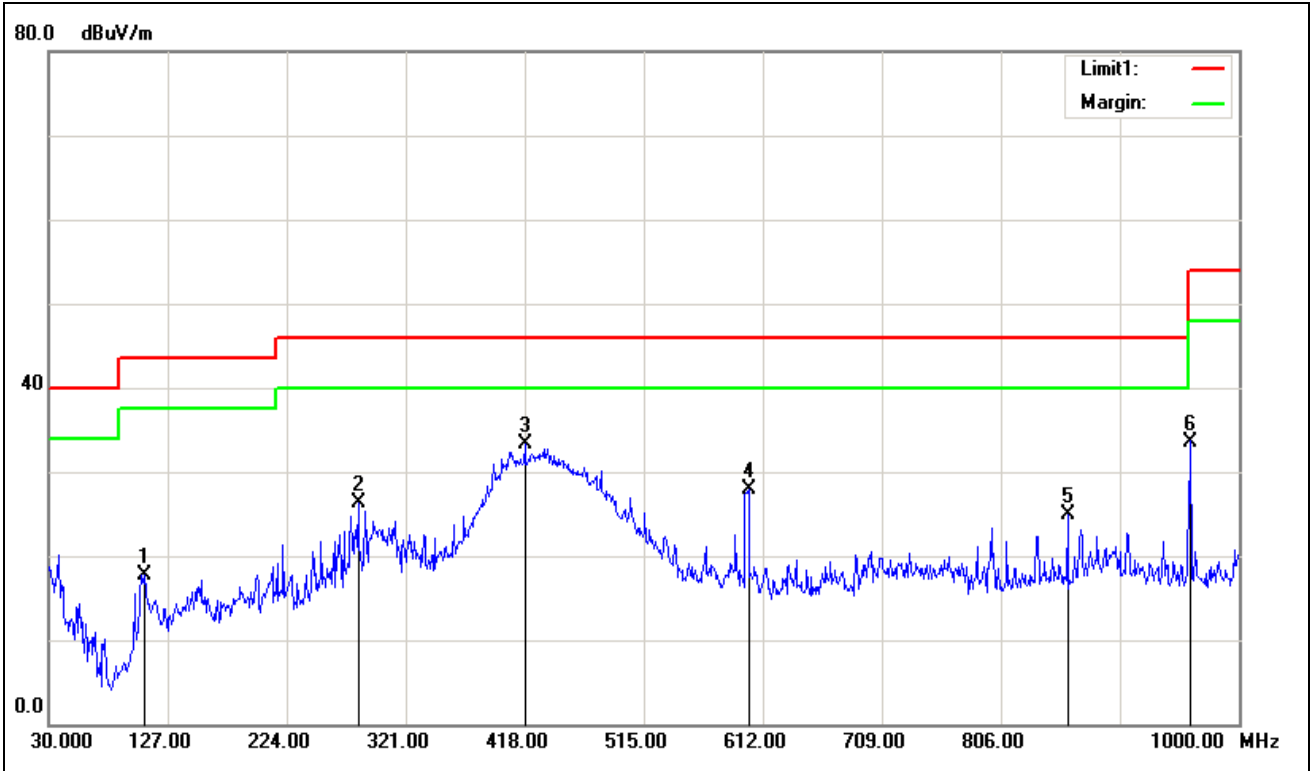
Pre-scan all mode and recorded the worst case results in this report (802.11a (Low Mid)).

Remark:

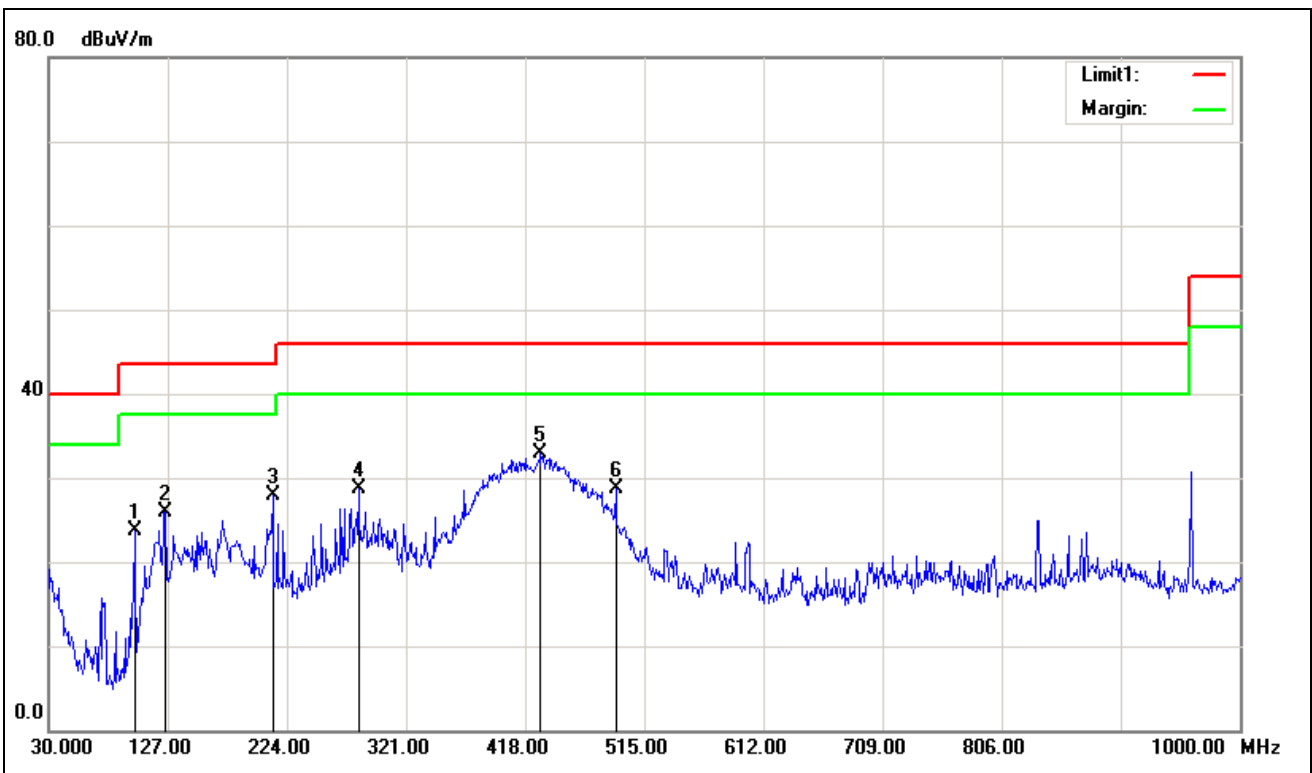
- 1. No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz)*
- 2. Radiated emissions measured in frequency range from 30 MHz to 1000MHz were made with an instrument using peak/quasi-peak detector mode.*
- 3. Quasi-peak test would be performed if the peak result were greater than the quasi-peak limit.*
- 4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.*
- 5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
- 6. Margin (dB) = Remark result (dBuV/m) – Quasi-peak limit (dBuV/m).*



Vertical



Horizontal





Antenna 2

Test Mode: TX

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 14, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
37.7600	38.17	-15.48	22.69	40.00	-17.31	V	QP
282.2000	48.16	-20.41	27.75	46.00	-18.25	V	QP
418.0000	50.27	-15.46	34.81	46.00	-11.19	V	QP
600.3600	42.27	-12.86	29.41	46.00	-16.59	V	QP
860.3200	35.47	-10.62	24.85	46.00	-21.15	V	QP
960.2300	40.79	-8.69	32.10	54.00	-21.90	V	QP
99.8400	49.33	-23.70	25.63	43.50	-17.87	H	QP
212.3600	50.08	-21.24	28.84	43.50	-14.66	H	QP
282.2000	50.56	-20.41	30.15	46.00	-15.85	H	QP
430.6100	48.50	-15.60	32.90	46.00	-13.10	H	QP
836.0700	37.66	-10.68	26.98	46.00	-19.02	H	QP
960.2300	38.36	-8.69	29.67	54.00	-24.33	H	QP

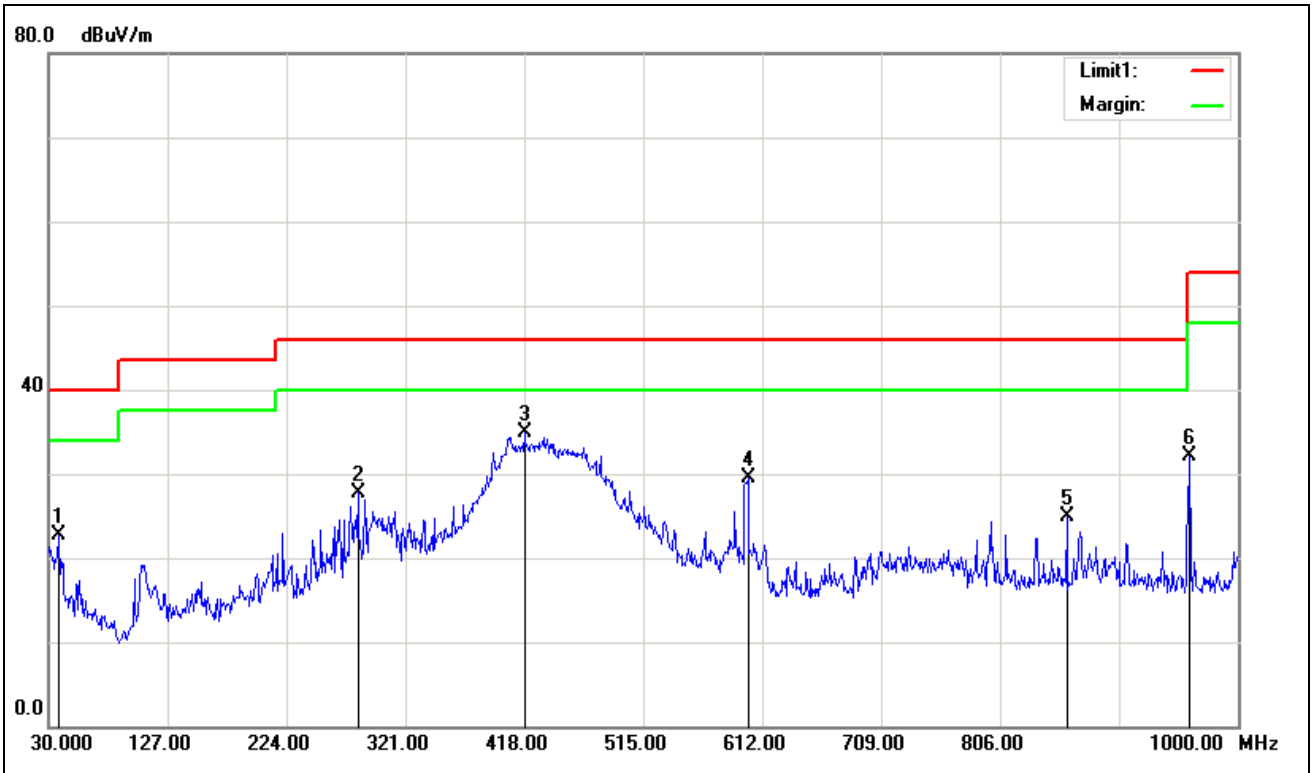
Pre-scan all mode and recorded the worst case results in this report (802.11a (Low Mid)).

Remark:

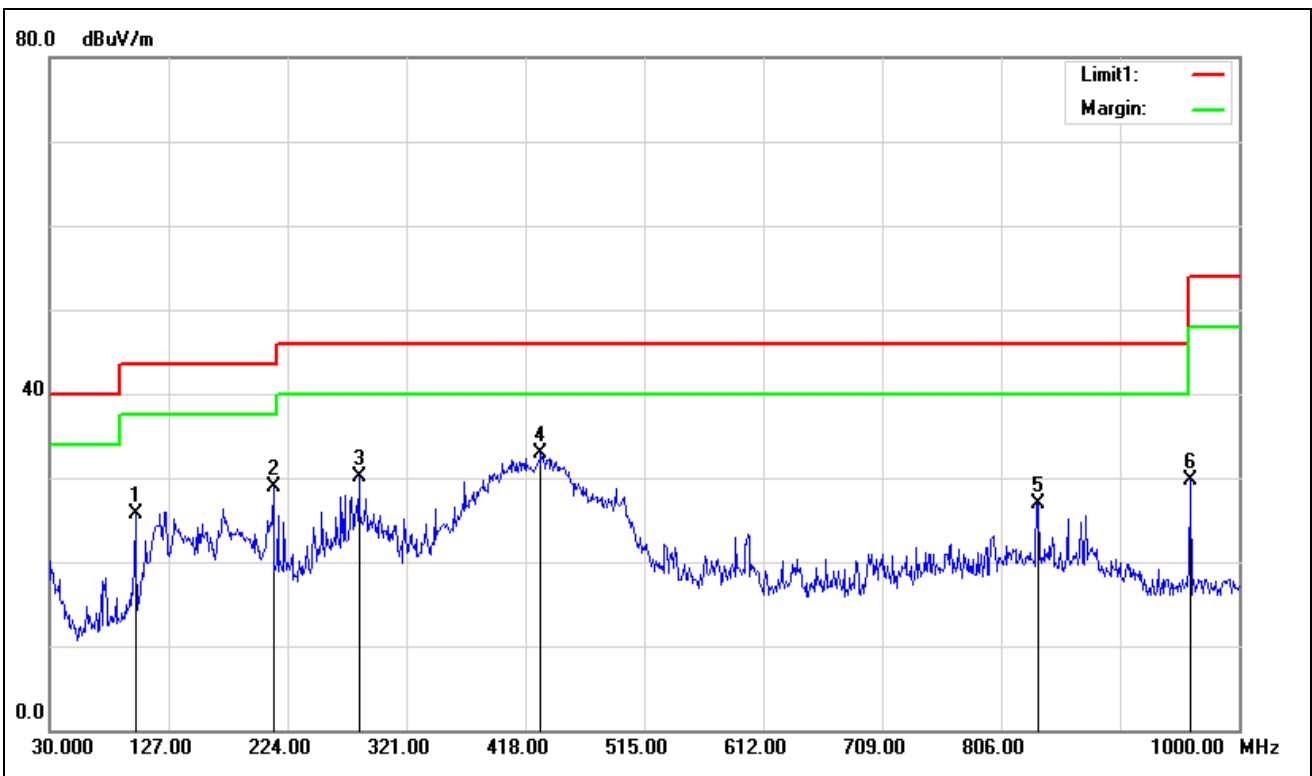
1. No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz)
2. Radiated emissions measured in frequency range from 30 MHz to 1000MHz were made with an instrument using peak/quasi-peak detector mode.
3. Quasi-peak test would be performed if the peak result were greater than the quasi-peak limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Quasi-peak limit (dBuV/m).



Vertical



Horizontal



**Above 1 GHz****Antenna 1****1GHz~6GHz**

Test Mode: TX

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.000	47.68	-7.81	39.87	74.00	-34.13	V	peak
1600.000	50.53	-6.70	43.83	74.00	-30.17	V	peak
2095.000	45.46	-4.48	40.98	74.00	-33.02	V	peak
2660.000	46.69	-1.97	44.72	74.00	-29.28	V	peak
2905.000	43.49	-1.53	41.96	74.00	-32.04	V	peak
3365.000	43.40	-0.75	42.65	74.00	-31.35	V	peak
1140.000	47.90	-8.02	39.88	74.00	-34.12	H	Peak
1600.000	47.23	-6.70	40.53	74.00	-33.47	H	Peak
1865.000	46.65	-5.86	40.79	74.00	-33.21	H	Peak
2240.000	45.38	-3.68	41.70	74.00	-32.30	H	peak
2525.000	44.37	-2.21	42.16	74.00	-31.84	H	peak
3050.000	43.45	-1.28	42.17	74.00	-31.83	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

**6GHz~18GHz**Test Mode: TX / IEEE 802.11a / 5180MHz / (CH Low)Tested by: Jackson LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6804.000	32.16	7.38	39.54	74.00	-34.46	V	peak
7884.000	31.70	9.42	41.12	74.00	-32.88	V	peak
8376.000	32.33	9.44	41.77	74.00	-32.23	V	peak
9900.000	31.47	11.69	43.16	74.00	-30.84	V	peak
11160.000	31.67	15.01	46.68	74.00	-27.32	V	peak
12300.000	30.72	15.63	46.35	74.00	-27.65	V	peak
7500.000	31.58	8.68	40.26	74.00	-33.74	H	Peak
8364.000	32.01	9.45	41.46	74.00	-32.54	H	Peak
9348.000	31.91	10.10	42.01	74.00	-31.99	H	Peak
10620.000	31.04	13.90	44.94	74.00	-29.06	H	peak
11820.000	31.44	14.72	46.16	74.00	-27.84	H	peak
12696.000	30.28	16.94	47.22	74.00	-26.78	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11a / 5200MHz / (CH Mid)Tested by: Jackson LuoAmbient temperature: 24°CRelative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6804.000	32.29	7.38	39.67	74.00	-34.33	V	peak
7956.000	32.36	9.56	41.92	74.00	-32.08	V	peak
8976.000	32.00	9.11	41.11	74.00	-32.89	V	peak
10260.000	30.66	12.79	43.45	74.00	-30.55	V	peak
11172.000	31.51	15.00	46.51	74.00	-27.49	V	peak
12372.000	30.22	15.87	46.09	74.00	-27.91	V	peak
6804.000	31.99	7.38	39.37	74.00	-34.63	H	Peak
7920.000	32.09	9.49	41.58	74.00	-32.42	H	Peak
8988.000	31.60	9.11	40.71	74.00	-33.29	H	Peak
10596.000	31.96	13.83	45.79	74.00	-28.21	H	peak
11160.000	31.45	15.01	46.46	74.00	-27.54	H	peak
12516.000	30.55	16.35	46.90	74.00	-27.10	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11a / 5240MHz / (CH High)Tested by: Jackson LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6816.000	31.98	7.40	39.38	74.00	-34.62	V	peak
7104.000	32.50	7.90	40.40	74.00	-33.60	V	peak
7980.000	32.12	9.61	41.73	74.00	-32.27	V	peak
9000.000	32.04	9.10	41.14	74.00	-32.86	V	peak
9900.000	30.89	11.69	42.58	74.00	-31.42	V	peak
10812.000	30.67	14.50	45.17	74.00	-28.83	V	peak
6852.000	32.05	7.46	39.51	74.00	-34.49	H	Peak
7980.000	32.29	9.61	41.90	74.00	-32.10	H	Peak
8472.000	31.48	9.39	40.87	74.00	-33.13	H	Peak
9396.000	31.56	10.24	41.80	74.00	-32.20	H	peak
10476.000	30.47	13.46	43.93	74.00	-30.07	H	peak
11268.000	31.47	14.96	46.43	74.00	-27.57	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11a / 5260MHz / (CH Low)Tested by: Jackson LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6888.000	31.75	7.52	39.27	74.00	-34.73	V	peak
8052.000	32.08	9.62	41.70	74.00	-32.30	V	peak
9360.000	31.40	10.14	41.54	74.00	-32.46	V	peak
10728.000	30.75	14.24	44.99	74.00	-29.01	V	peak
11148.000	31.29	15.01	46.30	74.00	-27.70	V	peak
12552.000	30.20	16.47	46.67	74.00	-27.33	V	peak
6816.000	32.71	7.40	40.11	74.00	-33.89	H	Peak
8148.000	32.12	9.57	41.69	74.00	-32.31	H	Peak
9336.000	31.00	10.07	41.07	74.00	-32.93	H	Peak
10260.000	30.54	12.79	43.33	74.00	-30.67	H	peak
11196.000	31.71	14.99	46.70	74.00	-27.30	H	peak
12564.000	30.35	16.51	46.86	74.00	-27.14	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5300MHz /(CH Mid)

Tested by: Jacksan Luo

Ambient temperature: 24°C

Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6840.000	31.90	7.44	39.34	74.00	-34.66	V	peak
8160.000	32.37	9.56	41.93	74.00	-32.07	V	peak
9348.000	31.15	10.10	41.25	74.00	-32.75	V	peak
9960.000	31.41	11.86	43.27	74.00	-30.73	V	peak
11304.000	31.55	14.95	46.50	74.00	-27.50	V	peak
12564.000	30.40	16.51	46.91	74.00	-27.09	V	peak
7020.000	32.38	7.74	40.12	74.00	-33.88	H	Peak
7920.000	32.27	9.49	41.76	74.00	-32.24	H	Peak
9012.000	32.53	9.13	41.66	74.00	-32.34	H	Peak
9912.000	31.79	11.73	43.52	74.00	-30.48	H	peak
10632.000	31.00	13.94	44.94	74.00	-29.06	H	peak
11148.000	31.85	15.01	46.86	74.00	-27.14	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5320MHz /(CH High)

Tested by: Jackson LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6792.000	32.24	7.36	39.60	74.00	-34.40	V	peak
8004.000	31.92	9.65	41.57	74.00	-32.43	V	peak
8424.000	32.51	9.42	41.93	74.00	-32.07	V	peak
9432.000	31.25	10.34	41.59	74.00	-32.41	V	peak
10608.000	30.56	13.86	44.42	74.00	-29.58	V	peak
11316.000	31.55	14.94	46.49	74.00	-27.51	V	peak
6924.000	32.01	7.58	39.59	74.00	-34.41	H	Peak
7980.000	32.10	9.61	41.71	74.00	-32.29	H	Peak
8328.000	31.89	9.47	41.36	74.00	-32.64	H	Peak
9336.000	31.15	10.07	41.22	74.00	-32.78	H	peak
10260.000	30.15	12.79	42.94	74.00	-31.06	H	peak
11172.000	31.50	15.00	46.50	74.00	-27.50	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5500MHz /(CH Low)

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6504.000	32.79	6.90	39.69	74.00	-34.31	V	peak
7728.000	32.32	9.12	41.44	74.00	-32.56	V	peak
8424.000	32.33	9.42	41.75	74.00	-32.25	V	peak
9372.000	31.42	10.17	41.59	74.00	-32.41	V	peak
10560.000	30.92	13.72	44.64	74.00	-29.36	V	peak
11268.000	31.61	14.96	46.57	74.00	-27.43	V	peak
6804.000	31.81	7.38	39.19	74.00	-34.81	H	Peak
8016.000	31.79	9.64	41.43	74.00	-32.57	H	Peak
9012.000	31.51	9.13	40.64	74.00	-33.36	H	Peak
9948.000	30.86	11.83	42.69	74.00	-31.31	H	peak
11076.000	30.07	15.05	45.12	74.00	-28.88	H	peak
11508.000	31.10	14.86	45.96	74.00	-28.04	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5580MHz /(CH Mid)

Tested by: Jacksan LuoAmbient temperature: 24°CRelative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7128.000	31.06	7.95	39.01	74.00	-34.99	V	peak
8088.000	30.54	9.60	40.14	74.00	-33.86	V	peak
9264.000	29.56	9.86	39.42	74.00	-34.58	V	peak
10224.000	29.01	12.67	41.68	74.00	-32.32	V	peak
11196.000	29.82	14.99	44.81	74.00	-29.19	V	peak
12456.000	29.04	16.15	45.19	74.00	-28.81	V	peak
7068.000	32.22	7.83	40.05	74.00	-33.95	H	Peak
8052.000	31.87	9.62	41.49	74.00	-32.51	H	Peak
8976.000	32.04	9.11	41.15	74.00	-32.85	H	peak
9936.000	30.86	11.80	42.66	74.00	-31.34	H	peak
11184.000	31.39	15.00	46.39	74.00	-27.61	H	peak
12420.000	30.67	16.03	46.70	74.00	-27.30	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5700MHz /(CH High)

Tested by: Jacksan Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7080.000	31.96	7.86	39.82	74.00	-34.18	V	peak
8148.000	32.11	9.57	41.68	74.00	-32.32	V	peak
9564.000	30.54	10.72	41.26	74.00	-32.74	V	peak
11136.000	31.21	15.02	46.23	74.00	-27.77	V	peak
12840.000	29.63	17.42	47.05	74.00	-26.95	V	peak
14076.000	30.45	20.62	51.07	74.00	-22.93	V	peak
7020.000	32.25	7.74	39.99	74.00	-34.01	H	Peak
8136.000	32.77	9.58	42.35	74.00	-31.65	H	Peak
9384.000	31.52	10.21	41.73	74.00	-32.27	H	Peak
10620.000	30.88	13.90	44.78	74.00	-29.22	H	peak
11304.000	31.17	14.95	46.12	74.00	-27.88	H	peak
12588.000	30.20	16.59	46.79	74.00	-27.21	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11a / 5745MHz / (CH Low)Tested by: Jackson LuoAmbient temperature: 24°CRelative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6840.000	32.23	7.44	39.67	74.00	-34.33	V	peak
7680.000	32.07	9.03	41.10	74.00	-32.90	V	peak
8136.000	32.26	9.58	41.84	74.00	-32.16	V	peak
9792.000	30.54	11.38	41.92	74.00	-32.08	V	peak
10800.000	30.48	14.46	44.94	74.00	-29.06	V	peak
11496.000	31.61	14.86	46.47	74.00	-27.53	V	peak
6804.000	32.01	7.38	39.39	74.00	-34.61	H	Peak
8088.000	32.31	9.60	41.91	74.00	-32.09	H	Peak
9012.000	31.78	9.13	40.91	74.00	-33.09	H	Peak
9816.000	30.41	11.45	41.86	74.00	-32.14	H	peak
10944.000	30.05	14.91	44.96	74.00	-29.04	H	peak
11424.000	31.63	14.89	46.52	74.00	-27.48	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid)

Tested by: Jacksan Luo

Ambient temperature: 24°C

Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6504.000	32.42	6.90	39.32	74.00	-34.68	V	peak
8088.000	31.70	9.60	41.30	74.00	-32.70	V	peak
9324.000	31.08	10.03	41.11	74.00	-32.89	V	peak
10032.000	30.79	12.08	42.87	74.00	-31.13	V	peak
10716.000	30.43	14.20	44.63	74.00	-29.37	V	peak
11532.000	30.75	14.85	45.60	74.00	-28.40	V	peak
6744.000	32.37	7.29	39.66	74.00	-34.34	H	Peak
8112.000	32.05	9.59	41.64	74.00	-32.36	H	Peak
9324.000	32.07	10.03	42.10	74.00	-31.90	H	Peak
10140.000	30.87	12.41	43.28	74.00	-30.72	H	peak
11076.000	30.23	15.05	45.28	74.00	-28.72	H	peak
11472.000	31.73	14.87	46.60	74.00	-27.40	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High)

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7248.000	31.87	8.18	40.05	74.00	-33.95	V	peak
8064.000	31.56	9.61	41.17	74.00	-32.83	V	peak
9912.000	30.73	11.73	42.46	74.00	-31.54	V	peak
11268.000	31.13	14.96	46.09	74.00	-27.91	V	peak
12516.000	30.38	16.35	46.73	74.00	-27.27	V	peak
13152.000	29.68	18.35	48.03	74.00	-25.97	V	peak
6828.000	31.69	7.42	39.11	74.00	-34.89	H	Peak
7632.000	31.84	8.93	40.77	74.00	-33.23	H	Peak
9084.000	31.31	9.34	40.65	74.00	-33.35	H	Peak
10788.000	30.40	14.42	44.82	74.00	-29.18	H	peak
11376.000	31.40	14.91	46.31	74.00	-27.69	H	peak
13080.000	29.62	18.16	47.78	74.00	-26.22	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5180MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6444.000	32.25	6.80	39.05	74.00	-34.95	V	peak
7644.000	31.28	8.96	40.24	74.00	-33.76	V	peak
8292.000	31.86	9.49	41.35	74.00	-32.65	V	peak
9360.000	31.18	10.14	41.32	74.00	-32.68	V	peak
9948.000	30.79	11.83	42.62	74.00	-31.38	V	peak
11160.000	31.70	15.01	46.71	74.00	-27.29	V	peak
6924.000	31.77	7.58	39.35	74.00	-34.65	H	Peak
8136.000	31.88	9.58	41.46	74.00	-32.54	H	Peak
8964.000	31.65	9.12	40.77	74.00	-33.23	H	Peak
9984.000	30.78	11.93	42.71	74.00	-31.29	H	peak
10956.000	30.27	14.94	45.21	74.00	-28.79	H	peak
12456.000	30.13	16.15	46.28	74.00	-27.72	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5200MHz /(CH Mid) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6828.000	32.05	7.42	39.47	74.00	-34.53	V	peak
7956.000	31.87	9.56	41.43	74.00	-32.57	V	peak
9336.000	31.16	10.07	41.23	74.00	-32.77	V	peak
10704.000	30.28	14.16	44.44	74.00	-29.56	V	peak
11508.000	31.11	14.86	45.97	74.00	-28.03	V	peak
12600.000	30.20	16.63	46.83	74.00	-27.17	V	peak
6816.000	31.95	7.40	39.35	74.00	-34.65	H	Peak
7968.000	31.70	9.59	41.29	74.00	-32.71	H	Peak
9012.000	31.79	9.13	40.92	74.00	-33.08	H	Peak
10152.000	30.53	12.45	42.98	74.00	-31.02	H	peak
11136.000	31.77	15.02	46.79	74.00	-27.21	H	peak
12516.000	30.02	16.35	46.37	74.00	-27.63	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5240MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	32.41	7.34	39.75	74.00	-34.25	V	peak
7872.000	31.52	9.40	40.92	74.00	-33.08	V	peak
8172.000	32.06	9.56	41.62	74.00	-32.38	V	peak
9396.000	31.20	10.24	41.44	74.00	-32.56	V	peak
10380.000	30.15	13.16	43.31	74.00	-30.69	V	peak
11316.000	32.33	14.94	47.27	74.00	-26.73	V	peak
6888.000	31.83	7.52	39.35	74.00	-34.65	H	Peak
7680.000	31.75	9.03	40.78	74.00	-33.22	H	Peak
8388.000	31.96	9.44	41.40	74.00	-32.60	H	Peak
9036.000	31.63	9.20	40.83	74.00	-33.17	H	peak
10128.000	30.88	12.38	43.26	74.00	-30.74	H	peak
11136.000	30.94	15.02	45.96	74.00	-28.04	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5260MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6768.000	31.88	7.32	39.20	74.00	-34.80	V	peak
8100.000	31.71	9.60	41.31	74.00	-32.69	V	peak
9324.000	31.16	10.03	41.19	74.00	-32.81	V	peak
10044.000	31.16	12.12	43.28	74.00	-30.72	V	peak
11292.000	31.23	14.95	46.18	74.00	-27.82	V	peak
13080.000	30.11	18.16	48.27	74.00	-25.73	V	peak
6948.000	31.92	7.62	39.54	74.00	-34.46	H	Peak
8184.000	32.42	9.55	41.97	74.00	-32.03	H	Peak
9000.000	32.02	9.10	41.12	74.00	-32.88	H	Peak
10080.000	31.27	12.23	43.50	74.00	-30.50	H	peak
11136.000	32.32	15.02	47.34	74.00	-26.66	H	peak
12384.000	30.52	15.91	46.43	74.00	-27.57	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5300MHz /(CH Mid) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6996.000	31.89	7.69	39.58	74.00	-34.42	V	peak
8100.000	32.23	9.60	41.83	74.00	-32.17	V	peak
9012.000	31.55	9.13	40.68	74.00	-33.32	V	peak
9876.000	30.69	11.62	42.31	74.00	-31.69	V	peak
10476.000	30.25	13.46	43.71	74.00	-30.29	V	peak
11328.000	31.59	14.94	46.53	74.00	-27.47	V	peak
7020.000	31.72	7.74	39.46	74.00	-34.54	H	Peak
7824.000	31.51	9.31	40.82	74.00	-33.18	H	Peak
8364.000	31.96	9.45	41.41	74.00	-32.59	H	Peak
9444.000	30.75	10.38	41.13	74.00	-32.87	H	peak
10668.000	30.74	14.05	44.79	74.00	-29.21	H	peak
11196.000	32.00	14.99	46.99	74.00	-27.01	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5320MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6756.000	32.53	7.30	39.83	74.00	-34.17	V	peak
7884.000	32.13	9.42	41.55	74.00	-32.45	V	peak
9012.000	31.75	9.13	40.88	74.00	-33.12	V	peak
10044.000	30.72	12.12	42.84	74.00	-31.16	V	peak
11160.000	31.23	15.01	46.24	74.00	-27.76	V	peak
12048.000	30.95	14.80	45.75	74.00	-28.25	V	peak
6948.000	32.32	7.62	39.94	74.00	-34.06	H	Peak
7968.000	32.52	9.59	42.11	74.00	-31.89	H	Peak
9108.000	32.15	9.41	41.56	74.00	-32.44	H	Peak
10032.000	31.70	12.08	43.78	74.00	-30.22	H	peak
11136.000	32.15	15.02	47.17	74.00	-26.83	H	peak
12996.000	30.48	17.94	48.42	74.00	-25.58	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5500MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6840.000	32.25	7.44	39.69	74.00	-34.31	V	peak
7968.000	32.10	9.59	41.69	74.00	-32.31	V	peak
8988.000	32.38	9.11	41.49	74.00	-32.51	V	peak
10044.000	31.35	12.12	43.47	74.00	-30.53	V	peak
11292.000	32.04	14.95	46.99	74.00	-27.01	V	peak
12588.000	30.43	16.59	47.02	74.00	-26.98	V	peak
6816.000	32.27	7.40	39.67	74.00	-34.33	H	Peak
7884.000	32.22	9.42	41.64	74.00	-32.36	H	Peak
8460.000	32.15	9.40	41.55	74.00	-32.45	H	Peak
9660.000	31.16	11.00	42.16	74.00	-31.84	H	peak
10716.000	32.37	14.20	46.57	74.00	-27.43	H	peak
11160.000	31.79	15.01	46.80	74.00	-27.20	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5580MHz /(CH Mid) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6840.000	32.53	7.44	39.97	74.00	-34.03	V	peak
7908.000	32.14	9.47	41.61	74.00	-32.39	V	peak
8364.000	32.76	9.45	42.21	74.00	-31.79	V	peak
9048.000	32.20	9.24	41.44	74.00	-32.56	V	peak
10116.000	30.61	12.34	42.95	74.00	-31.05	V	peak
11136.000	31.36	15.02	46.38	74.00	-27.62	V	peak
6828.000	32.05	7.42	39.47	74.00	-34.53	H	Peak
7980.000	32.06	9.61	41.67	74.00	-32.33	H	Peak
9012.000	32.16	9.13	41.29	74.00	-32.71	H	Peak
10032.000	31.41	12.08	43.49	74.00	-30.51	H	peak
11280.000	31.56	14.96	46.52	74.00	-27.48	H	peak
12780.000	29.81	17.22	47.03	74.00	-26.97	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5700MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7068.000	31.71	7.83	39.54	74.00	-34.46	V	peak
8004.000	31.88	9.65	41.53	74.00	-32.47	V	peak
8976.000	31.61	9.11	40.72	74.00	-33.28	V	peak
9924.000	30.76	11.76	42.52	74.00	-31.48	V	peak
11136.000	31.21	15.02	46.23	74.00	-27.77	V	peak
11484.000	30.98	14.87	45.85	74.00	-28.15	V	peak
6396.000	32.33	6.72	39.05	74.00	-34.95	H	Peak
7932.000	31.88	9.52	41.40	74.00	-32.60	H	Peak
9060.000	31.31	9.27	40.58	74.00	-33.42	H	Peak
10056.000	31.08	12.15	43.23	74.00	-30.77	H	peak
11148.000	31.46	15.01	46.47	74.00	-27.53	H	peak
12156.000	30.67	15.16	45.83	74.00	-28.17	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5745MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6876.000	31.65	7.50	39.15	74.00	-34.85	V	peak
7680.000	31.98	9.03	41.01	74.00	-32.99	V	peak
8328.000	31.98	9.47	41.45	74.00	-32.55	V	peak
9288.000	30.85	9.93	40.78	74.00	-33.22	V	peak
10128.000	30.62	12.38	43.00	74.00	-31.00	V	peak
11148.000	31.18	15.01	46.19	74.00	-27.81	V	peak
6768.000	31.88	7.32	39.20	74.00	-34.80	H	Peak
7524.000	31.15	8.72	39.87	74.00	-34.13	H	Peak
8076.000	32.05	9.61	41.66	74.00	-32.34	H	Peak
8436.000	31.72	9.41	41.13	74.00	-32.87	H	peak
9348.000	31.55	10.10	41.65	74.00	-32.35	H	peak
10044.000	31.08	12.12	43.20	74.00	-30.80	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5785MHz /(CH Mid) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7092.000	31.62	7.88	39.50	74.00	-34.50	V	peak
8112.000	31.83	9.59	41.42	74.00	-32.58	V	peak
9336.000	30.65	10.07	40.72	74.00	-33.28	V	peak
10236.000	30.44	12.71	43.15	74.00	-30.85	V	peak
11256.000	31.66	14.97	46.63	74.00	-27.37	V	peak
12720.000	29.87	17.02	46.89	74.00	-27.11	V	peak
6780.000	31.86	7.34	39.20	74.00	-34.80	H	Peak
7824.000	32.00	9.31	41.31	74.00	-32.69	H	Peak
8388.000	32.19	9.44	41.63	74.00	-32.37	H	Peak
9396.000	31.75	10.24	41.99	74.00	-32.01	H	peak
10032.000	31.11	12.08	43.19	74.00	-30.81	H	peak
11160.000	31.33	15.01	46.34	74.00	-27.66	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5825MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6720.000	32.25	7.25	39.50	74.00	-34.50	V	peak
8172.000	32.22	9.56	41.78	74.00	-32.22	V	peak
9984.000	30.34	11.93	42.27	74.00	-31.73	V	peak
10464.000	29.86	13.42	43.28	74.00	-30.72	V	peak
11508.000	31.20	14.86	46.06	74.00	-27.94	V	peak
13092.000	29.66	18.19	47.85	74.00	-26.15	V	peak
7212.000	31.76	8.11	39.87	74.00	-34.13	H	Peak
8004.000	31.60	9.65	41.25	74.00	-32.75	H	Peak
9372.000	31.09	10.17	41.26	74.00	-32.74	H	Peak
10968.000	29.87	14.98	44.85	74.00	-29.15	H	peak
11376.000	31.33	14.91	46.24	74.00	-27.76	H	peak
13020.000	29.80	18.00	47.80	74.00	-26.20	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5190MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6384.000	32.47	6.70	39.17	74.00	-34.83	V	peak
7452.000	31.73	8.58	40.31	74.00	-33.69	V	peak
7896.000	32.31	9.45	41.76	74.00	-32.24	V	peak
8436.000	31.53	9.41	40.94	74.00	-33.06	V	peak
9336.000	31.28	10.07	41.35	74.00	-32.65	V	peak
10572.000	30.71	13.75	44.46	74.00	-29.54	V	peak
6852.000	32.20	7.46	39.66	74.00	-34.34	H	Peak
7968.000	31.76	9.59	41.35	74.00	-32.65	H	Peak
8928.000	31.45	9.14	40.59	74.00	-33.41	H	Peak
10032.000	30.91	12.08	42.99	74.00	-31.01	H	peak
11148.000	30.89	15.01	45.90	74.00	-28.10	H	peak
12300.000	30.30	15.63	45.93	74.00	-28.07	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5230MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6804.000	31.91	7.38	39.29	74.00	-34.71	V	peak
8112.000	32.29	9.59	41.88	74.00	-32.12	V	peak
9444.000	31.27	10.38	41.65	74.00	-32.35	V	peak
9924.000	31.56	11.76	43.32	74.00	-30.68	V	peak
11268.000	31.27	14.96	46.23	74.00	-27.77	V	peak
11748.000	30.98	14.75	45.73	74.00	-28.27	V	peak
6768.000	31.75	7.32	39.07	74.00	-34.93	H	Peak
7932.000	31.86	9.52	41.38	74.00	-32.62	H	Peak
9444.000	31.23	10.38	41.61	74.00	-32.39	H	Peak
10044.000	31.23	12.12	43.35	74.00	-30.65	H	peak
11160.000	31.32	15.01	46.33	74.00	-27.67	H	peak
12264.000	30.33	15.51	45.84	74.00	-28.16	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5270MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6744.000	32.05	7.29	39.34	74.00	-34.66	V	peak
7884.000	31.93	9.42	41.35	74.00	-32.65	V	peak
8436.000	31.80	9.41	41.21	74.00	-32.79	V	peak
9408.000	31.33	10.28	41.61	74.00	-32.39	V	peak
10572.000	30.41	13.75	44.16	74.00	-29.84	V	peak
11136.000	31.78	15.02	46.80	74.00	-27.20	V	peak
6972.000	31.69	7.65	39.34	74.00	-34.66	H	Peak
8412.000	32.27	9.42	41.69	74.00	-32.31	H	Peak
9324.000	31.19	10.03	41.22	74.00	-32.78	H	Peak
9996.000	31.85	11.97	43.82	74.00	-30.18	H	peak
11292.000	31.24	14.95	46.19	74.00	-27.81	H	peak
12312.000	30.40	15.67	46.07	74.00	-27.93	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5310MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6768.000	32.30	7.32	39.62	74.00	-34.38	V	peak
8076.000	31.56	9.61	41.17	74.00	-32.83	V	peak
9432.000	30.95	10.34	41.29	74.00	-32.71	V	peak
10572.000	30.14	13.75	43.89	74.00	-30.11	V	peak
11280.000	31.35	14.96	46.31	74.00	-27.69	V	peak
12624.000	30.10	16.71	46.81	74.00	-27.19	V	peak
6876.000	31.76	7.50	39.26	74.00	-34.74	H	Peak
8040.000	31.96	9.63	41.59	74.00	-32.41	H	Peak
9372.000	31.44	10.17	41.61	74.00	-32.39	H	Peak
10260.000	30.67	12.79	43.46	74.00	-30.54	H	peak
11136.000	31.70	15.02	46.72	74.00	-27.28	H	peak
12396.000	30.25	15.95	46.20	74.00	-27.80	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5510MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7104.000	31.65	7.90	39.55	74.00	-34.45	V	peak
7968.000	32.03	9.59	41.62	74.00	-32.38	V	peak
8400.000	32.40	9.43	41.83	74.00	-32.17	V	peak
9648.000	30.80	10.97	41.77	74.00	-32.23	V	peak
10656.000	31.11	14.01	45.12	74.00	-28.88	V	peak
11244.000	31.56	14.97	46.53	74.00	-27.47	V	peak
6840.000	31.97	7.44	39.41	74.00	-34.59	H	Peak
8076.000	32.07	9.61	41.68	74.00	-32.32	H	Peak
9336.000	31.83	10.07	41.90	74.00	-32.10	H	Peak
10392.000	30.47	13.20	43.67	74.00	-30.33	H	peak
11148.000	31.79	15.01	46.80	74.00	-27.20	H	peak
12096.000	31.08	14.96	46.04	74.00	-27.96	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5550MHz /(CH Mid) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	32.11	7.62	39.73	74.00	-34.27	V	peak
8004.000	31.96	9.65	41.61	74.00	-32.39	V	peak
9348.000	30.92	10.10	41.02	74.00	-32.98	V	peak
10452.000	30.36	13.38	43.74	74.00	-30.26	V	peak
11052.000	30.13	15.06	45.19	74.00	-28.81	V	peak
11448.000	31.90	14.88	46.78	74.00	-27.22	V	peak
7224.000	32.47	8.14	40.61	74.00	-33.39	H	Peak
8100.000	32.12	9.60	41.72	74.00	-32.28	H	Peak
9036.000	32.30	9.20	41.50	74.00	-32.50	H	Peak
9984.000	31.27	11.93	43.20	74.00	-30.80	H	peak
11172.000	31.48	15.00	46.48	74.00	-27.52	H	peak
12528.000	30.13	16.39	46.52	74.00	-27.48	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5670MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6732.000	32.09	7.27	39.36	74.00	-34.64	V	peak
7860.000	31.58	9.38	40.96	74.00	-33.04	V	peak
8388.000	31.79	9.44	41.23	74.00	-32.77	V	peak
9444.000	31.28	10.38	41.66	74.00	-32.34	V	peak
10716.000	30.74	14.20	44.94	74.00	-29.06	V	peak
11256.000	31.38	14.97	46.35	74.00	-27.65	V	peak
6300.000	32.37	6.57	38.94	74.00	-35.06	H	Peak
7764.000	31.91	9.19	41.10	74.00	-32.90	H	Peak
9348.000	31.27	10.10	41.37	74.00	-32.63	H	Peak
10548.000	30.91	13.68	44.59	74.00	-29.41	H	peak
11280.000	31.77	14.96	46.73	74.00	-27.27	H	peak
12180.000	30.52	15.24	45.76	74.00	-28.24	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5755MHz / (CH Low) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6768.000	32.45	7.32	39.77	74.00	-34.23	V	peak
7944.000	32.26	9.54	41.80	74.00	-32.20	V	peak
9084.000	31.57	9.34	40.91	74.00	-33.09	V	peak
10500.000	30.42	13.53	43.95	74.00	-30.05	V	peak
11256.000	31.63	14.97	46.60	74.00	-27.40	V	peak
12384.000	30.96	15.91	46.87	74.00	-27.13	V	peak
6552.000	32.21	6.97	39.18	74.00	-34.82	H	Peak
8028.000	32.22	9.63	41.85	74.00	-32.15	H	Peak
8928.000	31.92	9.14	41.06	74.00	-32.94	H	Peak
10044.000	30.81	12.12	42.93	74.00	-31.07	H	peak
11232.000	31.06	14.98	46.04	74.00	-27.96	H	peak
12528.000	30.70	16.39	47.09	74.00	-26.91	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5795MHz /(CH High) **Tested by:** Jacksan Luo

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	31.95	7.34	39.29	74.00	-34.71	V	peak
7668.000	32.31	9.00	41.31	74.00	-32.69	V	peak
8364.000	32.07	9.45	41.52	74.00	-32.48	V	peak
9432.000	31.11	10.34	41.45	74.00	-32.55	V	peak
10620.000	30.44	13.90	44.34	74.00	-29.66	V	peak
11340.000	31.82	14.93	46.75	74.00	-27.25	V	peak
6336.000	33.32	6.62	39.94	74.00	-34.06	H	Peak
7668.000	32.44	9.00	41.44	74.00	-32.56	H	Peak
9432.000	31.77	10.34	42.11	74.00	-31.89	H	Peak
10488.000	30.36	13.49	43.85	74.00	-30.15	H	peak
11256.000	31.92	14.97	46.89	74.00	-27.11	H	peak
12564.000	30.14	16.51	46.65	74.00	-27.35	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11ac 20 / 5180MHz / (CH Low)

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7068.000	31.75	7.83	39.58	74.00	-34.42	V	peak
7752.000	31.15	9.17	40.32	74.00	-33.68	V	peak
8208.000	31.60	9.54	41.14	74.00	-32.86	V	peak
9864.000	30.88	11.59	42.47	74.00	-31.53	V	peak
11136.000	31.32	15.02	46.34	74.00	-27.66	V	peak
12672.000	30.31	16.86	47.17	74.00	-26.83	V	peak
6768.000	31.74	7.32	39.06	74.00	-34.94	H	Peak
8100.000	32.13	9.60	41.73	74.00	-32.27	H	Peak
9012.000	31.22	9.13	40.35	74.00	-33.65	H	Peak
10572.000	31.00	13.75	44.75	74.00	-29.25	H	peak
11472.000	31.56	14.87	46.43	74.00	-27.57	H	peak
13020.000	29.64	18.00	47.64	74.00	-26.36	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11ac 20 / 5200MHz /(CH Mid)

Tested by: Jackson Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6300.000	31.97	6.57	38.54	74.00	-35.46	V	peak
7908.000	31.14	9.47	40.61	74.00	-33.39	V	peak
9024.000	31.36	9.17	40.53	74.00	-33.47	V	peak
11064.000	29.88	15.05	44.93	74.00	-29.07	V	peak
11988.000	31.00	14.65	45.65	74.00	-28.35	V	peak
13056.000	29.77	18.10	47.87	74.00	-26.13	V	peak
7320.000	31.47	8.32	39.79	74.00	-34.21	H	Peak
8364.000	31.84	9.45	41.29	74.00	-32.71	H	Peak
9756.000	29.87	11.28	41.15	74.00	-32.85	H	Peak
11160.000	31.17	15.01	46.18	74.00	-27.82	H	peak
11952.000	30.83	14.66	45.49	74.00	-28.51	H	peak
13080.000	29.60	18.16	47.76	74.00	-26.24	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11ac 20 / 5240MHz /(CH High)

Tested by: Jacksan Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6996.000	31.77	7.69	39.46	74.00	-34.54	V	peak
8112.000	31.45	9.59	41.04	74.00	-32.96	V	peak
9996.000	30.38	11.97	42.35	74.00	-31.65	V	peak
11304.000	31.60	14.95	46.55	74.00	-27.45	V	peak
12420.000	30.73	16.03	46.76	74.00	-27.24	V	peak
13128.000	29.61	18.29	47.90	74.00	-26.10	V	peak
6516.000	32.37	6.92	39.29	74.00	-34.71	H	Peak
8328.000	31.56	9.47	41.03	74.00	-32.97	H	Peak
9900.000	30.48	11.69	42.17	74.00	-31.83	H	Peak
10596.000	30.88	13.83	44.71	74.00	-29.29	H	peak
11220.000	31.64	14.98	46.62	74.00	-27.38	H	peak
13128.000	29.26	18.29	47.55	74.00	-26.45	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11ac 20 / 5260MHz /(CH Low)

Tested by: Jacksan Luo

Ambient temperature: 24°C Relative humidity: 52% RH

Date: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6864.000	31.50	7.48	38.98	74.00	-35.02	V	peak
7992.000	31.87	9.63	41.50	74.00	-32.50	V	peak
10056.000	30.17	12.15	42.32	74.00	-31.68	V	peak
11220.000	31.04	14.98	46.02	74.00	-27.98	V	peak
11784.000	31.42	14.74	46.16	74.00	-27.84	V	peak
13020.000	29.66	18.00	47.66	74.00	-26.34	V	peak
6528.000	32.71	6.94	39.65	74.00	-34.35	H	Peak
8052.000	31.66	9.62	41.28	74.00	-32.72	H	Peak
9564.000	30.29	10.72	41.01	74.00	-32.99	H	Peak
10332.000	29.91	13.01	42.92	74.00	-31.08	H	peak
11280.000	31.24	14.96	46.20	74.00	-27.80	H	peak
12684.000	30.33	16.90	47.23	74.00	-26.77	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11ac 20 / 5300MHz /(CH Mid)Tested by: Jacksan LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6972.000	31.67	7.65	39.32	74.00	-34.68	V	peak
7920.000	32.34	9.49	41.83	74.00	-32.17	V	peak
9456.000	30.71	10.41	41.12	74.00	-32.88	V	peak
10608.000	30.11	13.86	43.97	74.00	-30.03	V	peak
11460.000	31.62	14.88	46.50	74.00	-27.50	V	peak
12936.000	29.07	17.74	46.81	74.00	-27.19	V	peak
6816.000	31.72	7.40	39.12	74.00	-34.88	H	Peak
7992.000	31.68	9.63	41.31	74.00	-32.69	H	Peak
9048.000	31.57	9.24	40.81	74.00	-33.19	H	Peak
10860.000	30.12	14.65	44.77	74.00	-29.23	H	peak
11364.000	31.32	14.92	46.24	74.00	-27.76	H	peak
12540.000	30.92	16.43	47.35	74.00	-26.65	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

Test Mode: TX / IEEE 802.11ac 20 / 5320MHz /(CH High)Tested by: Jackson LuoAmbient temperature: 24°C Relative humidity: 52% RHDate: January 12, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6576.000	32.50	7.01	39.51	74.00	-34.49	V	peak
7728.000	31.48	9.12	40.60	74.00	-33.40	V	peak
9576.000	30.05	10.76	40.81	74.00	-33.19	V	peak
10488.000	30.67	13.49	44.16	74.00	-29.84	V	peak
11496.000	31.43	14.86	46.29	74.00	-27.71	V	peak
12684.000	30.02	16.90	46.92	74.00	-27.08	V	peak
6396.000	31.99	6.72	38.71	74.00	-35.29	H	Peak
7524.000	30.94	8.72	39.66	74.00	-34.34	H	Peak
9000.000	31.50	9.10	40.60	74.00	-33.40	H	Peak
10584.000	30.96	13.79	44.75	74.00	-29.25	H	peak
11292.000	32.29	14.95	47.24	74.00	-26.76	H	peak
12624.000	30.32	16.71	47.03	74.00	-26.97	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).