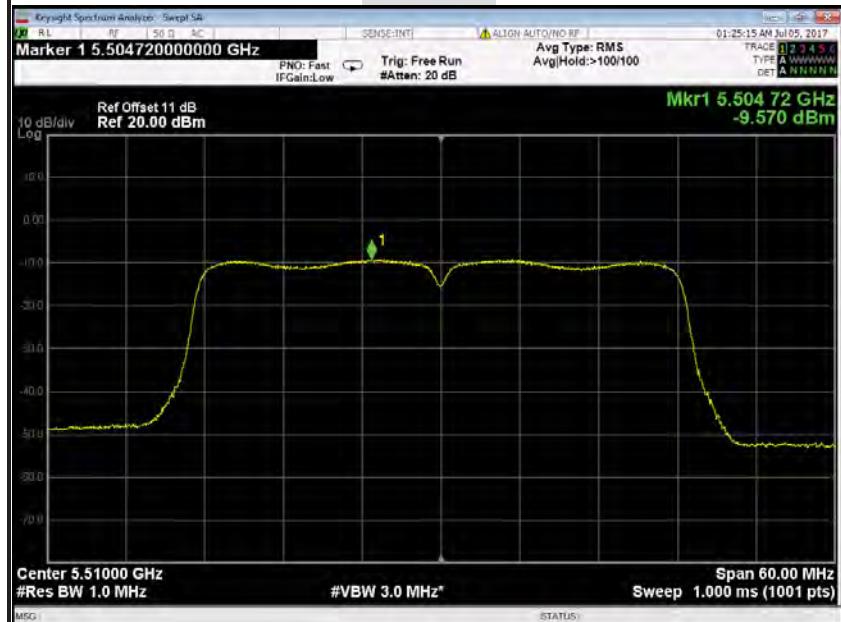


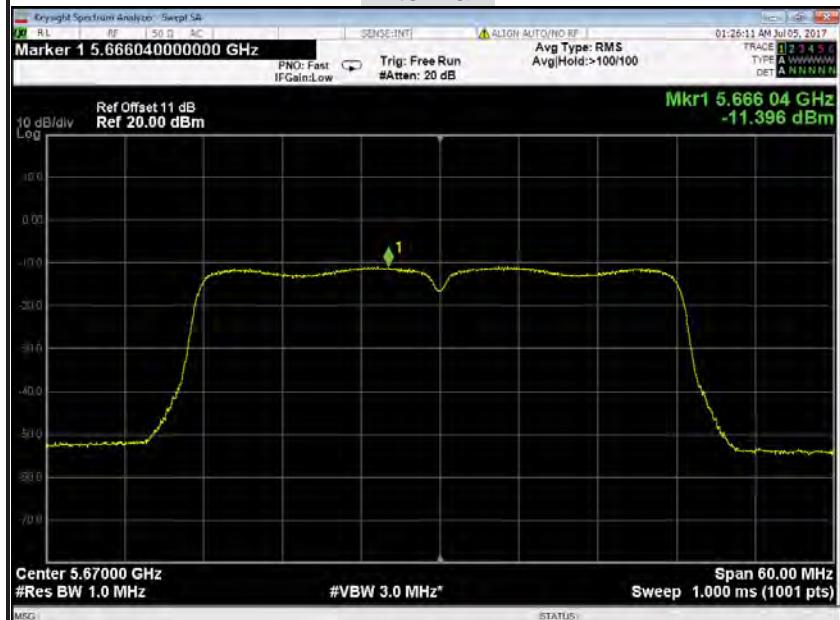
**IEEE 802.11ac 40 MHz mode / 5190 ~ 5230MHz****PPSD (CH Low)****Antenna 1****PPSD (CH High)****Antenna 1**

**IEEE 802.11ac 40 MHz mode / 5270 ~ 5310MHz****PPSD (CH Low)****Antenna 1****PPSD (CH High)****Antenna 1**

**IEEE 802.11ac 40 MHz mode / 5510~5670MHz****PPSD (CH Low)****Antenna 1****PPSD (CH Mid)****Antenna 1**

**PPSD (CH High)**

Antenna 1

**IEEE 802.11ac 40 MHz mode / 5755 ~ 5795MHz****PPSD (CH Low)**

Antenna 1





## PPSD (CH High)

Antenna 1

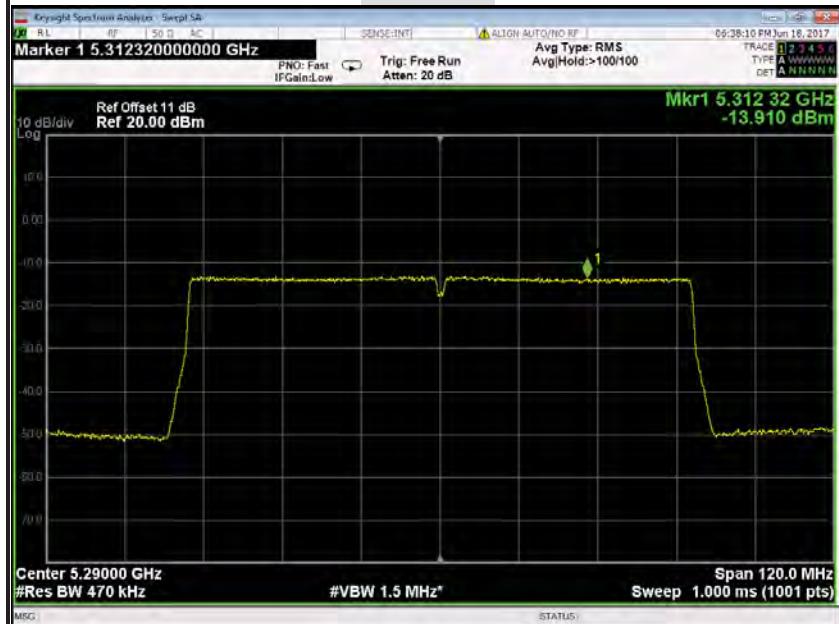


**IEEE 802.11ac 80 mode / 5210MHz****PPSD**

Antenna 0

**IEEE 802.11ac 80 mode / 5290MHz****PPSD**

Antenna 0



**IEEE 802.11ac 80 mode / 5530MHz****PPSD**

Antenna 0

**IEEE 802.11ac 80 mode / 5775MHz****PPSD**

Antenna 0



**IEEE 802.11ac 80 mode / 5210MHz****PPSD****Antenna 1****IEEE 802.11ac 80 mode / 5290MHz****PPSD****Antenna 1**

**IEEE 802.11ac 80 mode / 5530MHz****PPSD****Antenna 1****IEEE 802.11ac 80 mode / 5775MHz****PPSD****Antenna 1**



## 6.7 RADIATED UNDESIRABLE EMISSION

### 6.7.1 LIMIT

- 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 ( $\mu$ 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.

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

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

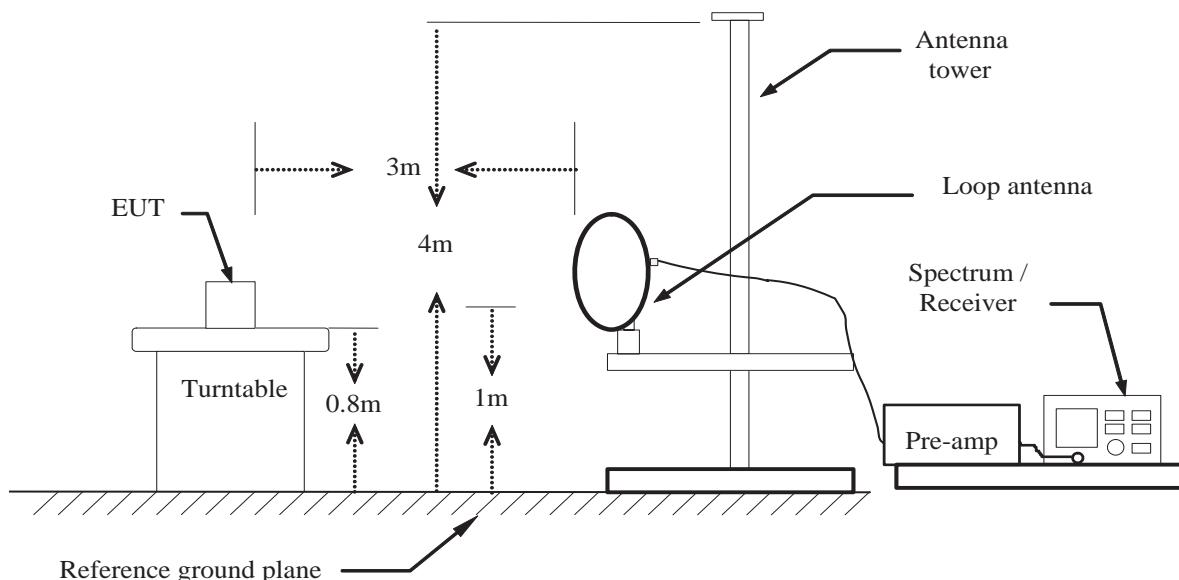


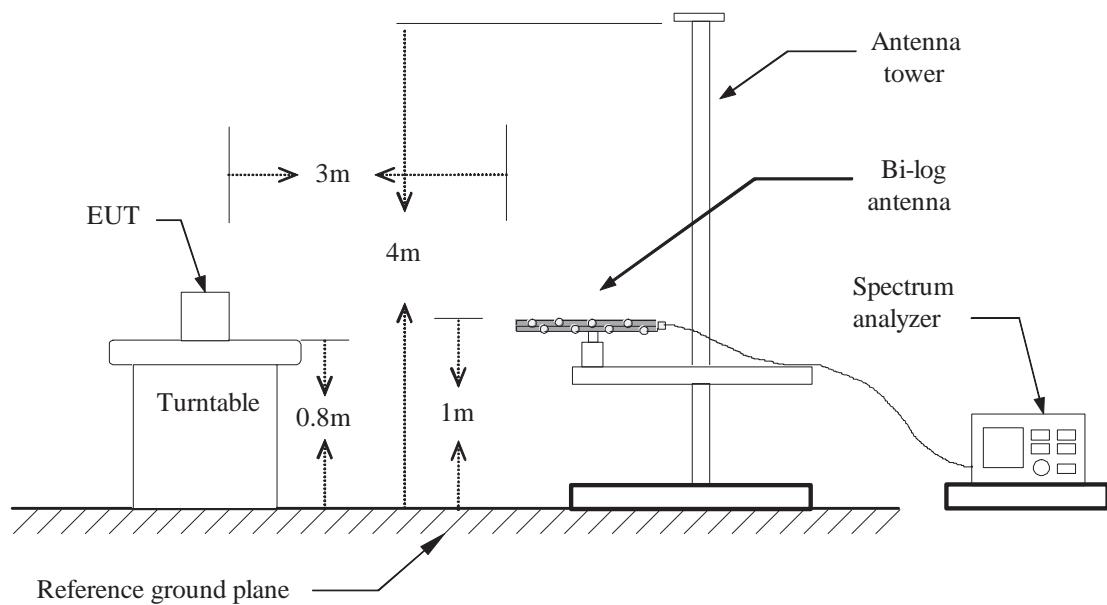
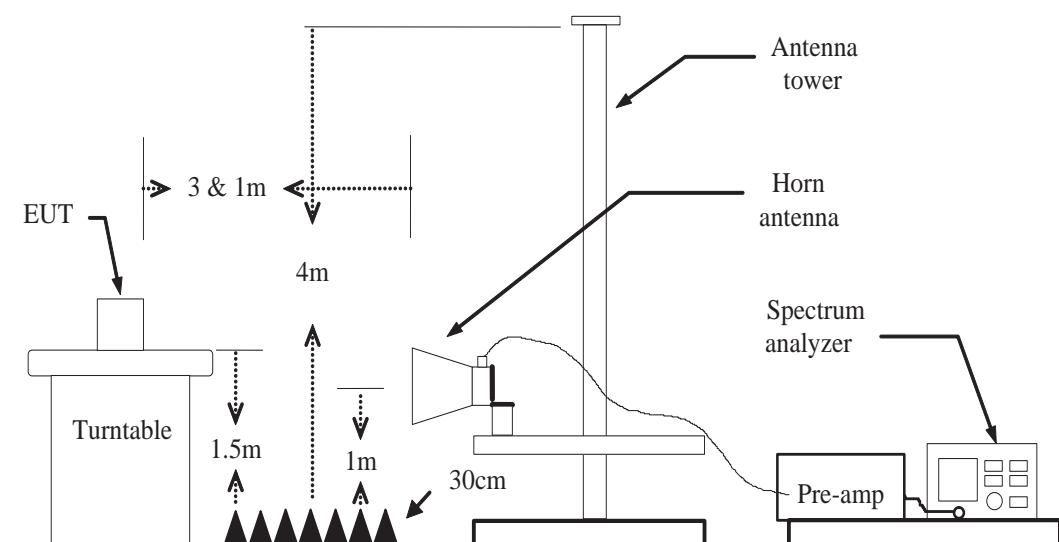
## 6.7.2 TEST INSTRUMENTS

Radiated Emission Test Site 966 (2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
PSA Series Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2017	02/20/2018
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2017	02/20/2018
Amplifier	EMEC	EM330	060661	03/18/2017	03/17/2018
High Noise Amplifier	Agilent	8449B	3008A01838	02/21/2017	02/20/2018
Loop Antenna	COM-POWER	AL-130	121044	09/25/2016	09/24/2017
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/21/2017	02/20/2018
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/27/2017	02/26/2018
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170-497	02/27/2017	02/26/2018
Turn Table	N/A	N/A	N/A	N.C.R	N.C.R
Antenna Tower	SUNOL	TLT2	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	02/21/2017	02/20/2018
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



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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  $0^\circ$  to  $315^\circ$  using  $45^\circ$  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

**Test Mode:** TX / IEEE 802.11a / 5180MHz /(CH Low)

**Tested by:** Darry Wu

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

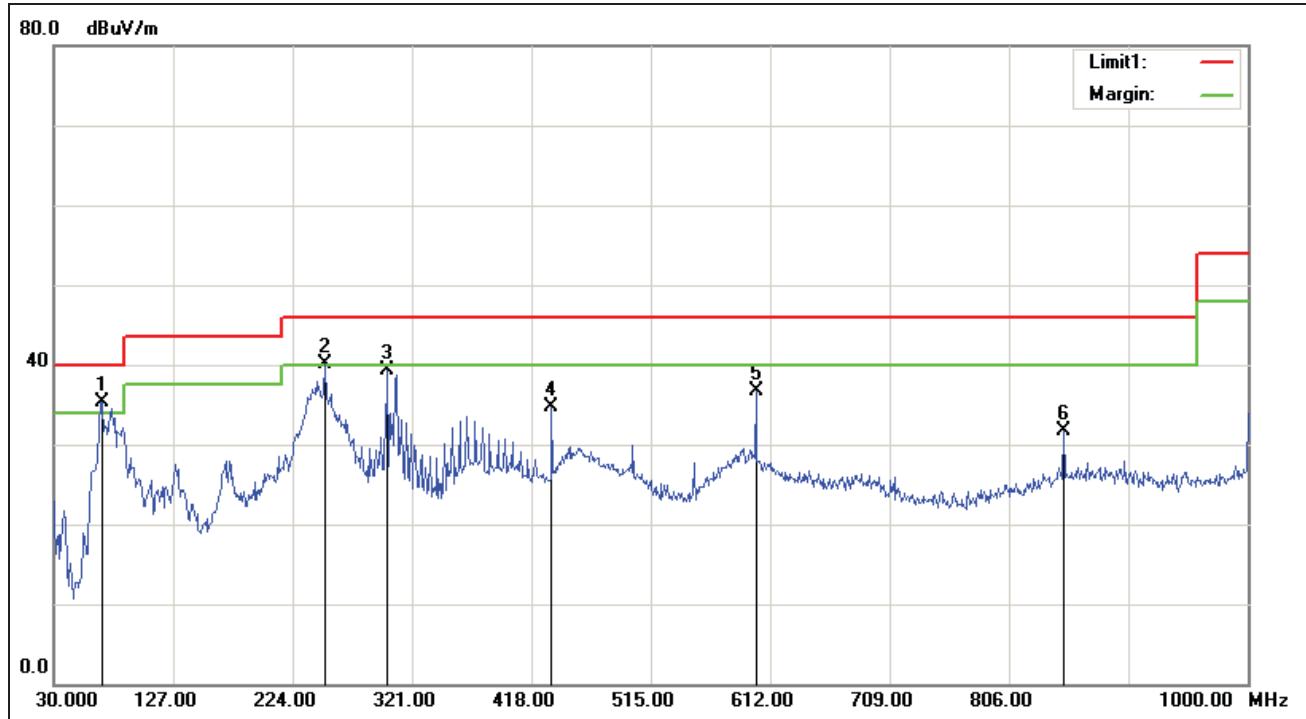
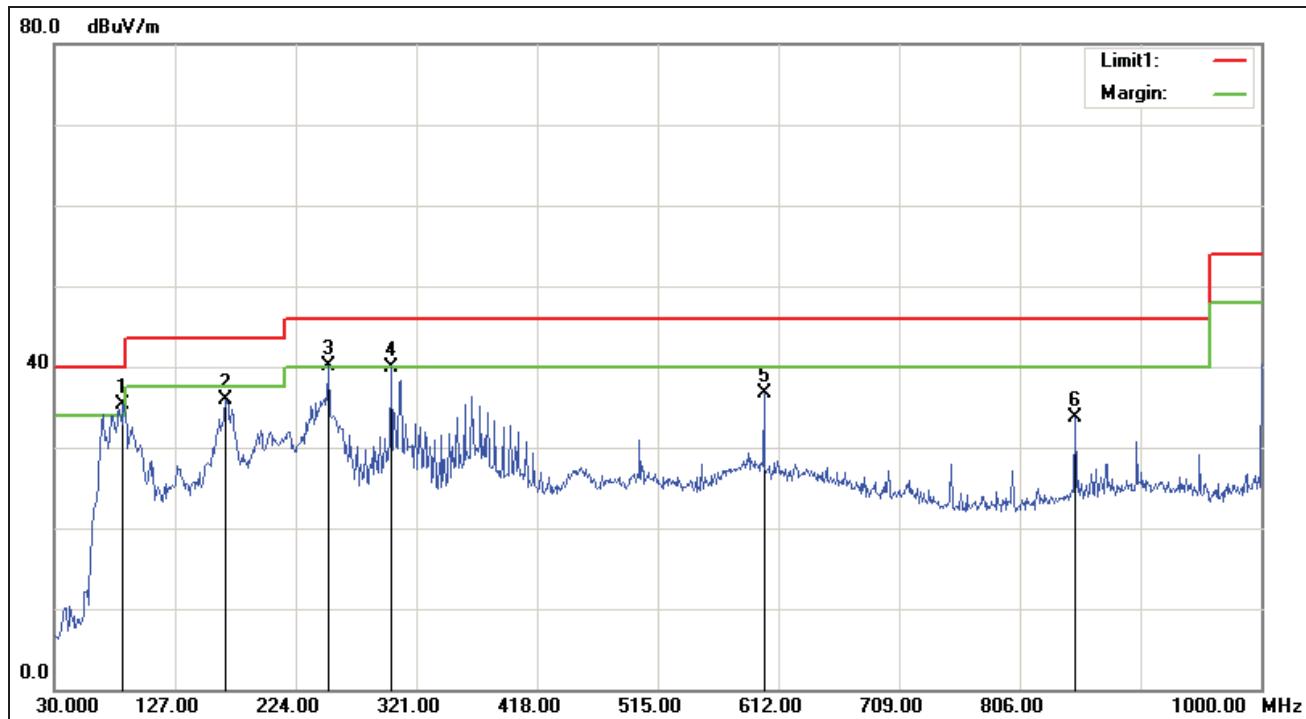
**Date:** June 21, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
68.8000	52.23	-16.99	35.24	40.00	-4.76	V	QP
250.1900	49.18	-9.09	40.09	46.00	-5.91	V	QP
300.6300	47.52	-8.20	39.32	46.00	-6.68	V	QP
434.4900	40.27	-5.55	34.72	46.00	-11.28	V	QP
600.3600	40.65	-4.01	36.64	46.00	-9.36	V	QP
850.6200	34.75	-2.96	31.79	46.00	-14.21	V	QP
85.2900	51.14	-15.74	35.40	40.00	-4.60	H	QP
167.7400	47.65	-11.72	35.93	43.50	-7.57	H	QP
250.1900	49.22	-9.09	40.13	46.00	-5.87	H	QP
300.6300	48.11	-8.20	39.91	46.00	-6.09	H	QP
600.3600	40.78	-4.01	36.77	46.00	-9.23	H	QP
850.6200	36.61	-2.96	33.65	46.00	-12.35	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****1GHz~6GHz****Test Mode:** TX / IEEE 802.11a / 5180MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1755.000	49.49	-6.37	43.12	68.23	-25.11	V	peak
2115.000	49.03	-4.37	44.66	68.23	-23.57	V	peak
2685.000	47.65	-1.93	45.72	68.23	-22.51	V	peak
3625.000	46.93	0.01	46.94	68.23	-21.29	V	peak
3890.000	45.82	1.13	46.95	68.23	-21.28	V	peak
5295.000	44.84	5.51	50.35	68.23	-17.88	V	peak
1320.000	50.07	-7.35	42.72	68.23	-25.51	H	Peak
1760.000	49.01	-6.36	42.65	68.23	-25.58	H	Peak
2510.000	47.59	-2.24	45.35	68.23	-22.88	H	Peak
3210.000	46.06	-1.01	45.05	68.23	-23.18	H	peak
4010.000	45.60	1.63	47.23	68.23	-21.00	H	peak
4605.000	46.04	3.69	49.73	68.23	-18.50	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).

**Above 6GHz****Antenna 0****Test Mode:** TX / IEEE 802.11a / 5180MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7416.000	30.21	8.51	38.72	68.23	-29.51	V	peak
8184.000	29.80	9.55	39.35	68.23	-28.88	V	peak
9864.000	29.31	11.59	40.90	68.23	-27.33	V	peak
10980.000	28.93	15.02	43.95	68.23	-24.28	V	peak
12240.000	28.70	15.43	44.13	68.23	-24.10	V	peak
13764.000	29.12	19.96	49.08	68.23	-19.15	V	peak
7056.000	30.01	7.81	37.82	68.23	-30.41	H	Peak
8148.000	30.46	9.57	40.03	68.23	-28.20	H	Peak
9480.000	30.10	10.48	40.58	68.23	-27.65	H	Peak
10872.000	28.79	14.68	43.47	68.23	-24.76	H	peak
11904.000	29.60	14.68	44.28	68.23	-23.95	H	peak
13692.000	29.71	19.77	49.48	68.23	-18.75	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7488.000	29.94	8.65	38.59	68.23	-29.64	V	peak
8196.000	30.20	9.54	39.74	68.23	-28.49	V	peak
9996.000	29.35	11.97	41.32	68.23	-26.91	V	peak
10536.000	29.31	13.64	42.95	68.23	-25.28	V	peak
12192.000	28.87	15.28	44.15	68.23	-24.08	V	peak
14304.000	29.82	20.76	50.58	68.23	-17.65	V	peak
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7488.000	30.57	8.65	39.22	68.23	-29.01	H	Peak
8196.000	30.13	9.54	39.67	68.23	-28.56	H	Peak
9744.000	29.82	11.24	41.06	68.23	-27.17	H	Peak
10356.000	29.41	13.08	42.49	68.23	-25.74	H	peak
11256.000	29.45	14.97	44.42	68.23	-23.81	H	peak
13716.000	29.58	19.83	49.41	68.23	-18.82	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7248.000	29.49	8.18	37.67	68.23	-30.56	V	peak
8160.000	30.19	9.56	39.75	68.23	-28.48	V	peak
9384.000	30.15	10.21	40.36	68.23	-27.87	V	peak
11844.000	29.21	14.71	43.92	68.23	-24.31	V	peak
13248.000	27.06	18.60	45.66	68.23	-22.57	V	peak
14700.000	29.74	20.99	50.73	68.23	-17.50	V	peak
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7452.000	29.98	8.58	38.56	68.23	-29.67	H	Peak
8232.000	29.93	9.52	39.45	68.23	-28.78	H	Peak
9324.000	30.30	10.03	40.33	68.23	-27.90	H	Peak
10344.000	29.10	13.05	42.15	68.23	-26.08	H	peak
12444.000	28.34	16.11	44.45	68.23	-23.78	H	peak
13644.000	29.65	19.64	49.29	68.23	-18.94	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7068.000	29.72	7.83	37.55	68.23	-30.68	V	peak
8148.000	29.46	9.57	39.03	68.23	-29.20	V	peak
9408.000	30.03	10.28	40.31	68.23	-27.92	V	peak
11028.000	28.63	15.07	43.70	68.23	-24.53	V	peak
12936.000	27.70	17.74	45.44	68.23	-22.79	V	peak
14172.000	29.06	20.68	49.74	68.23	-18.49	V	peak
<hr/>							
6984.000	30.13	7.67	37.80	68.23	-30.43	H	Peak
7716.000	30.06	9.10	39.16	68.23	-29.07	H	Peak
9588.000	29.49	10.79	40.28	68.23	-27.95	H	Peak
11136.000	28.79	15.02	43.81	68.23	-24.42	H	peak
12624.000	28.24	16.71	44.95	68.23	-23.28	H	peak
14088.000	29.32	20.63	49.95	68.23	-18.28	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7512.000	29.63	8.70	38.33	68.23	-29.90	V	peak
8364.000	29.81	9.45	39.26	68.23	-28.97	V	peak
10620.000	28.59	13.90	42.49	68.23	-25.74	V	peak
12456.000	28.63	16.15	44.78	68.23	-23.45	V	peak
13656.000	29.42	19.68	49.10	68.23	-19.13	V	peak
14976.000	30.12	21.15	51.27	68.23	-16.96	V	peak
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7428.000	29.36	8.53	37.89	68.23	-30.34	H	Peak
8964.000	30.02	9.12	39.14	68.23	-29.09	H	Peak
9396.000	30.23	10.24	40.47	68.23	-27.76	H	Peak
10920.000	29.00	14.83	43.83	68.23	-24.40	H	peak
11904.000	29.79	14.68	44.47	68.23	-23.76	H	peak
13644.000	29.28	19.64	48.92	68.23	-19.31	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7164.000	29.59	8.02	37.61	68.23	-30.62	V	peak
9072.000	29.69	9.31	39.00	68.23	-29.23	V	peak
10572.000	28.96	13.75	42.71	68.23	-25.52	V	peak
12552.000	28.26	16.47	44.73	68.23	-23.50	V	peak
13656.000	29.07	19.68	48.75	68.23	-19.48	V	peak
15060.000	30.46	20.89	51.35	68.23	-16.88	V	peak
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7536.000	29.74	8.75	38.49	68.23	-29.74	H	Peak
8808.000	30.20	9.21	39.41	68.23	-28.82	H	Peak
10344.000	29.18	13.05	42.23	68.23	-26.00	H	Peak
11988.000	29.48	14.65	44.13	68.23	-24.10	H	peak
12936.000	27.79	17.74	45.53	68.23	-22.70	H	peak
13800.000	28.86	20.05	48.91	68.23	-19.32	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7512.000	30.03	8.70	38.73	68.23	-29.50	V	peak
9744.000	29.92	11.24	41.16	68.23	-27.07	V	peak
11148.000	29.60	15.01	44.61	68.23	-23.62	V	peak
13020.000	27.80	18.00	45.80	68.23	-22.43	V	peak
14844.000	30.50	21.07	51.57	68.23	-16.66	V	peak
15396.000	31.42	19.36	50.78	68.23	-17.45	V	peak
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7044.000	29.57	7.79	37.36	68.23	-30.87	H	Peak
8100.000	29.77	9.60	39.37	68.23	-28.86	H	Peak
9768.000	29.55	11.31	40.86	68.23	-27.37	H	Peak
11256.000	28.98	14.97	43.95	68.23	-24.28	H	peak
13212.000	26.81	18.51	45.32	68.23	-22.91	H	peak
14400.000	29.49	20.81	50.30	68.23	-17.93	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 802.11a / 5580MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7524.000	29.88	8.72	38.60	68.23	-29.63	V	peak
8208.000	29.87	9.54	39.41	68.23	-28.82	V	peak
9984.000	29.15	11.93	41.08	68.23	-27.15	V	peak
11232.000	29.18	14.98	44.16	68.23	-24.07	V	peak
13632.000	28.96	19.61	48.57	68.23	-19.66	V	peak
14820.000	30.18	21.06	51.24	68.23	-16.99	V	peak
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7500.000	30.09	8.68	38.77	68.23	-29.46	H	Peak
8208.000	29.72	9.54	39.26	68.23	-28.97	H	Peak
10212.000	29.41	12.64	42.05	68.23	-26.18	H	peak
11016.000	28.81	15.07	43.88	68.23	-24.35	H	peak
12360.000	28.92	15.83	44.75	68.23	-23.48	H	peak
13704.000	29.51	19.80	49.31	68.23	-18.92	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7056.000	30.00	7.81	37.81	68.23	-30.42	V	peak
8088.000	29.79	9.60	39.39	68.23	-28.84	V	peak
9756.000	29.49	11.28	40.77	68.23	-27.46	V	peak
10968.000	28.38	14.98	43.36	68.23	-24.87	V	peak
12576.000	28.52	16.55	45.07	68.23	-23.16	V	peak
14820.000	30.07	21.06	51.13	68.23	-17.10	V	peak
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7416.000	30.00	8.51	38.51	68.23	-29.72	H	Peak
9420.000	29.78	10.31	40.09	68.23	-28.14	H	Peak
11208.000	28.70	14.99	43.69	68.23	-24.54	H	Peak
12564.000	28.40	16.51	44.91	68.23	-23.32	H	peak
14124.000	29.18	20.65	49.83	68.23	-18.40	H	peak
15000.000	30.25	21.16	51.41	68.23	-16.82	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7128.000	29.67	7.95	37.62	68.23	-30.61	V	peak
8484.000	29.94	9.38	39.32	68.23	-28.91	V	peak
9732.000	29.59	11.21	40.80	68.23	-27.43	V	peak
10980.000	28.78	15.02	43.80	68.23	-24.43	V	peak
13188.000	27.12	18.44	45.56	68.23	-22.67	V	peak
14808.000	29.97	21.05	51.02	68.23	-17.21	V	peak
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7656.000	30.61	8.98	39.59	68.23	-28.64	H	Peak
9096.000	29.96	9.38	39.34	68.23	-28.89	H	Peak
10644.000	28.57	13.98	42.55	68.23	-25.68	H	Peak
10956.000	28.77	14.94	43.71	68.23	-24.52	H	peak
12648.000	28.07	16.78	44.85	68.23	-23.38	H	peak
13680.000	29.31	19.74	49.05	68.23	-19.18	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	29.84	9.17	39.01	68.23	-29.22	V	peak
9324.000	29.51	10.03	39.54	68.23	-28.69	V	peak
11004.000	29.04	15.08	44.12	68.23	-24.11	V	peak
12396.000	28.26	15.95	44.21	68.23	-24.02	V	peak
13644.000	28.90	19.64	48.54	68.23	-19.69	V	peak
14796.000	30.11	21.04	51.15	68.23	-17.08	V	peak
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7044.000	29.74	7.79	37.53	68.23	-30.70	H	Peak
8196.000	30.25	9.54	39.79	68.23	-28.44	H	Peak
10212.000	29.50	12.64	42.14	68.23	-26.09	H	Peak
12264.000	28.80	15.51	44.31	68.23	-23.92	H	peak
14280.000	29.64	20.74	50.38	68.23	-17.85	H	peak
15300.000	31.15	19.80	50.95	68.23	-17.28	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7428.000	29.77	8.53	38.30	68.23	-29.93	V	peak
8196.000	29.64	9.54	39.18	68.23	-29.05	V	peak
9492.000	29.55	10.52	40.07	68.23	-28.16	V	peak
11136.000	28.84	15.02	43.86	68.23	-24.37	V	peak
13248.000	27.48	18.60	46.08	68.23	-22.15	V	peak
14784.000	30.30	21.03	51.33	68.23	-16.90	V	peak
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7164.000	29.76	8.02	37.78	68.23	-30.45	H	Peak
8232.000	29.83	9.52	39.35	68.23	-28.88	H	Peak
9648.000	29.30	10.97	40.27	68.23	-27.96	H	Peak
10644.000	29.29	13.98	43.27	68.23	-24.96	H	peak
11880.000	29.28	14.69	43.97	68.23	-24.26	H	peak
13668.000	29.18	19.71	48.89	68.23	-19.34	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).

**Antenna 1****Test Mode:** TX / IEEE 802.11a / 5180MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7464.000	30.02	8.60	38.62	68.23	-29.61	V	peak
8172.000	30.07	9.56	39.63	68.23	-28.60	V	peak
10152.000	29.20	12.45	41.65	68.23	-26.58	V	peak
11136.000	29.19	15.02	44.21	68.23	-24.02	V	peak
13356.000	27.28	18.89	46.17	68.23	-22.06	V	peak
14304.000	29.89	20.76	50.65	68.23	-17.58	V	peak
6864.000	29.55	7.48	37.03	68.23	-31.20	H	Peak
8400.000	29.76	9.43	39.19	68.23	-29.04	H	Peak
10128.000	29.53	12.38	41.91	68.23	-26.32	H	Peak
11136.000	29.71	15.02	44.73	68.23	-23.50	H	peak
13632.000	29.29	19.61	48.90	68.23	-19.33	H	peak
15000.000	30.17	21.16	51.33	68.23	-16.90	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6588.000	29.83	7.03	36.86	68.23	-31.37	V	peak
8184.000	30.15	9.55	39.70	68.23	-28.53	V	peak
9768.000	29.58	11.31	40.89	68.23	-27.34	V	peak
11136.000	29.29	15.02	44.31	68.23	-23.92	V	peak
12480.000	28.72	16.23	44.95	68.23	-23.28	V	peak
14400.000	29.68	20.81	50.49	68.23	-17.74	V	peak
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7056.000	29.60	7.81	37.41	68.23	-30.82	H	Peak
8160.000	29.74	9.56	39.30	68.23	-28.93	H	Peak
9972.000	29.18	11.90	41.08	68.23	-27.15	H	Peak
10992.000	28.90	15.06	43.96	68.23	-24.27	H	peak
11268.000	29.13	14.96	44.09	68.23	-24.14	H	peak
12672.000	28.59	16.86	45.45	68.23	-22.78	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 / 5240MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7524.000	29.42	8.72	38.14	68.23	-30.09	V	peak
8172.000	29.60	9.56	39.16	68.23	-29.07	V	peak
10596.000	28.76	13.83	42.59	68.23	-25.64	V	peak
11280.000	29.25	14.96	44.21	68.23	-24.02	V	peak
13992.000	29.25	20.56	49.81	68.23	-18.42	V	peak
15024.000	30.72	21.05	51.77	68.23	-16.46	V	peak
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6984.000	29.69	7.67	37.36	68.23	-30.87	H	Peak
7776.000	29.77	9.21	38.98	68.23	-29.25	H	Peak
9348.000	29.50	10.10	39.60	68.23	-28.63	H	Peak
11148.000	28.87	15.01	43.88	68.23	-24.35	H	peak
12264.000	28.79	15.51	44.30	68.23	-23.93	H	peak
13716.000	29.35	19.83	49.18	68.23	-19.05	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7116.000	29.59	7.93	37.52	68.23	-30.71	V	peak
8172.000	29.51	9.56	39.07	68.23	-29.16	V	peak
9504.000	30.14	10.55	40.69	68.23	-27.54	V	peak
10992.000	29.03	15.06	44.09	68.23	-24.14	V	peak
12372.000	28.66	15.87	44.53	68.23	-23.70	V	peak
13656.000	29.08	19.68	48.76	68.23	-19.47	V	peak
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7020.000	29.58	7.74	37.32	68.23	-30.91	H	Peak
8196.000	30.05	9.54	39.59	68.23	-28.64	H	Peak
9708.000	29.95	11.14	41.09	68.23	-27.14	H	Peak
11016.000	28.95	15.07	44.02	68.23	-24.21	H	peak
12372.000	29.26	15.87	45.13	68.23	-23.10	H	peak
13980.000	29.23	20.53	49.76	68.23	-18.47	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7056.000	29.98	7.81	37.79	68.23	-30.44	V	peak
7644.000	30.11	8.96	39.07	68.23	-29.16	V	peak
8436.000	30.18	9.41	39.59	68.23	-28.64	V	peak
10164.000	29.44	12.49	41.93	68.23	-26.30	V	peak
12288.000	28.61	15.59	44.20	68.23	-24.03	V	peak
14160.000	29.56	20.67	50.23	68.23	-18.00	V	peak
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6792.000	30.20	7.36	37.56	68.23	-30.67	H	Peak
7524.000	29.91	8.72	38.63	68.23	-29.60	H	Peak
9108.000	30.09	9.41	39.50	68.23	-28.73	H	Peak
10608.000	29.18	13.86	43.04	68.23	-25.19	H	peak
11904.000	29.73	14.68	44.41	68.23	-23.82	H	peak
13968.000	29.12	20.50	49.62	68.23	-18.61	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7620.000	29.85	8.91	38.76	68.23	-29.47	V	peak
8412.000	29.87	9.42	39.29	68.23	-28.94	V	peak
10248.000	28.82	12.75	41.57	68.23	-26.66	V	peak
10956.000	28.74	14.94	43.68	68.23	-24.55	V	peak
12588.000	28.60	16.59	45.19	68.23	-23.04	V	peak
13932.000	29.01	20.40	49.41	68.23	-18.82	V	peak
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7644.000	29.77	8.96	38.73	68.23	-29.50	H	Peak
9732.000	29.87	11.21	41.08	68.23	-27.15	H	Peak
11136.000	29.37	15.02	44.39	68.23	-23.84	H	Peak
12612.000	28.66	16.67	45.33	68.23	-22.90	H	peak
13944.000	28.74	20.43	49.17	68.23	-19.06	H	peak
14904.000	30.25	21.10	51.35	68.23	-16.88	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7428.000	29.56	8.53	38.09	68.23	-30.14	V	peak
8472.000	30.08	9.39	39.47	68.23	-28.76	V	peak
10044.000	28.90	12.12	41.02	68.23	-27.21	V	peak
11136.000	29.11	15.02	44.13	68.23	-24.10	V	peak
13032.000	27.52	18.03	45.55	68.23	-22.68	V	peak
14148.000	29.10	20.67	49.77	68.23	-18.46	V	peak
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7644.000	29.99	8.96	38.95	68.23	-29.28	H	Peak
8088.000	29.64	9.60	39.24	68.23	-28.99	H	Peak
9984.000	29.22	11.93	41.15	68.23	-27.08	H	Peak
11136.000	29.16	15.02	44.18	68.23	-24.05	H	peak
12636.000	28.23	16.75	44.98	68.23	-23.25	H	peak
14832.000	29.87	21.06	50.93	68.23	-17.30	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 / 5580MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7164.000	29.49	8.02	37.51	68.23	-30.72	V	peak
8160.000	29.99	9.56	39.55	68.23	-28.68	V	peak
10368.000	29.34	13.12	42.46	68.23	-25.77	V	peak
11136.000	29.04	15.02	44.06	68.23	-24.17	V	peak
12984.000	27.71	17.90	45.61	68.23	-22.62	V	peak
14784.000	30.77	21.03	51.80	68.23	-16.43	V	peak
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7644.000	30.85	8.96	39.81	68.23	-28.42	H	Peak
9444.000	29.90	10.38	40.28	68.23	-27.95	H	Peak
11136.000	28.97	15.02	43.99	68.23	-24.24	H	Peak
12180.000	28.88	15.24	44.12	68.23	-24.11	H	peak
14136.000	29.14	20.66	49.80	68.23	-18.43	H	peak
15036.000	30.53	21.00	51.53	68.23	-16.70	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7068.000	30.06	7.83	37.89	68.23	-30.34	V	peak
8172.000	30.15	9.56	39.71	68.23	-28.52	V	peak
9444.000	29.40	10.38	39.78	68.23	-28.45	V	peak
10992.000	28.82	15.06	43.88	68.23	-24.35	V	peak
12612.000	28.25	16.67	44.92	68.23	-23.31	V	peak
14016.000	29.12	20.59	49.71	68.23	-18.52	V	peak
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6120.000	30.04	6.27	36.31	68.23	-31.92	H	Peak
7680.000	29.62	9.03	38.65	68.23	-29.58	H	Peak
9708.000	29.62	11.14	40.76	68.23	-27.47	H	Peak
11184.000	28.66	15.00	43.66	68.23	-24.57	H	peak
12672.000	28.17	16.86	45.03	68.23	-23.20	H	peak
13776.000	29.20	19.99	49.19	68.23	-19.04	H	peak

**Remark:**

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in freq
3. uency above 1000MHz were made with an instrument using peak/average detector mode.
4. Average test would be performed if the peak result were greater than the average limit.
5. 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.
6. 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.
7. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

**Test Mode:** TX / IEEE 802.11a / 5745MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7128.000	29.96	7.95	37.91	68.23	-30.32	V	peak
8220.000	29.73	9.53	39.26	68.23	-28.97	V	peak
9756.000	30.23	11.28	41.51	68.23	-26.72	V	peak
11136.000	28.93	15.02	43.95	68.23	-24.28	V	peak
13296.000	27.22	18.73	45.95	68.23	-22.28	V	peak
14496.000	29.72	20.87	50.59	68.23	-17.64	V	peak
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6696.000	29.48	7.21	36.69	68.23	-31.54	H	Peak
7488.000	30.00	8.65	38.65	68.23	-29.58	H	Peak
8172.000	30.04	9.56	39.60	68.23	-28.63	H	Peak
9468.000	29.70	10.45	40.15	68.23	-28.08	H	peak
10956.000	29.46	14.94	44.40	68.23	-23.83	H	peak
13644.000	29.80	19.64	49.44	68.23	-18.79	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7032.000	29.48	7.76	37.24	68.23	-30.99	V	peak
8412.000	29.84	9.42	39.26	68.23	-28.97	V	peak
10356.000	29.11	13.08	42.19	68.23	-26.04	V	peak
12024.000	29.15	14.72	43.87	68.23	-24.36	V	peak
14148.000	28.96	20.67	49.63	68.23	-18.60	V	peak
15264.000	31.32	19.96	51.28	68.23	-16.95	V	peak
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7572.000	29.87	8.82	38.69	68.23	-29.54	H	Peak
8148.000	29.73	9.57	39.30	68.23	-28.93	H	Peak
9576.000	29.50	10.76	40.26	68.23	-27.97	H	Peak
10584.000	28.71	13.79	42.50	68.23	-25.73	H	peak
11820.000	29.41	14.72	44.13	68.23	-24.10	H	peak
13608.000	28.50	19.55	48.05	68.23	-20.18	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:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7020.000	29.28	7.74	37.02	68.23	-31.21	V	peak
8052.000	29.28	9.62	38.90	68.23	-29.33	V	peak
10044.000	29.51	12.12	41.63	68.23	-26.60	V	peak
11016.000	28.43	15.07	43.50	68.23	-24.73	V	peak
12924.000	27.49	17.70	45.19	68.23	-23.04	V	peak
14340.000	29.56	20.78	50.34	68.23	-17.89	V	peak
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7020.000	30.10	7.74	37.84	68.23	-30.39	H	Peak
8112.000	29.81	9.59	39.40	68.23	-28.83	H	Peak
10356.000	29.22	13.08	42.30	68.23	-25.93	H	Peak
11196.000	29.21	14.99	44.20	68.23	-24.03	H	peak
12828.000	28.01	17.38	45.39	68.23	-22.84	H	peak
14448.000	29.58	20.84	50.42	68.23	-17.81	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).

**Combine with Antenna 0 and Antenna 1 and Antenna 2****Test Mode:** TX / IEEE 802.11n HT 20 MHz / 5180MHz /(CH Low)   **Tested by:** Sam Zeng**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7644.000	30.06	8.96	39.02	68.23	-29.21	V	peak
8184.000	29.86	9.55	39.41	68.23	-28.82	V	peak
9948.000	29.54	11.83	41.37	68.23	-26.86	V	peak
11280.000	28.90	14.96	43.86	68.23	-24.37	V	peak
12900.000	28.22	17.62	45.84	68.23	-22.39	V	peak
14160.000	29.24	20.67	49.91	68.23	-18.32	V	peak
7020.000	29.62	7.74	37.36	68.23	-30.87	H	Peak
8484.000	29.78	9.38	39.16	68.23	-29.07	H	Peak
9768.000	30.46	11.31	41.77	68.23	-26.46	H	Peak
11136.000	28.69	15.02	43.71	68.23	-24.52	H	peak
12756.000	27.91	17.14	45.05	68.23	-23.18	H	peak
13992.000	28.89	20.56	49.45	68.23	-18.78	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 s
5. hown “ --- ” 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.
6. 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.
7. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



**Test Mode:** TX / IEEE 802.11n HT 20 MHz / 5200MHz /(CH Mid)    **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7308.000	29.32	8.30	37.62	68.23	-30.61	V	peak
8412.000	30.24	9.42	39.66	68.23	-28.57	V	peak
10392.000	29.10	13.20	42.30	68.23	-25.93	V	peak
11724.000	28.91	14.76	43.67	68.23	-24.56	V	peak
12888.000	27.47	17.58	45.05	68.23	-23.18	V	peak
14004.000	28.69	20.58	49.27	68.23	-18.96	V	peak
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7188.000	29.40	8.07	37.47	68.23	-30.76	H	Peak
8208.000	29.85	9.54	39.39	68.23	-28.84	H	Peak
10344.000	29.09	13.05	42.14	68.23	-26.09	H	Peak
11136.000	29.13	15.02	44.15	68.23	-24.08	H	peak
13632.000	28.86	19.61	48.47	68.23	-19.76	H	peak
14820.000	29.94	21.06	51.00	68.23	-17.23	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:** Ad Gan**Ambient temperature:** 24°C      **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7392.000	29.60	8.46	38.06	68.23	-30.17	V	peak
8400.000	29.60	9.43	39.03	68.23	-29.20	V	peak
9804.000	29.68	11.42	41.10	68.23	-27.13	V	peak
10908.000	28.10	14.79	42.89	68.23	-25.34	V	peak
13512.000	27.14	19.30	46.44	68.23	-21.79	V	peak
14760.000	30.23	21.02	51.25	68.23	-16.98	V	peak
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7656.000	30.20	8.98	39.18	68.23	-29.05	H	Peak
8160.000	30.15	9.56	39.71	68.23	-28.52	H	Peak
10344.000	29.10	13.05	42.15	68.23	-26.08	H	Peak
11868.000	29.35	14.70	44.05	68.23	-24.18	H	peak
13140.000	27.29	18.32	45.61	68.23	-22.62	H	peak
15012.000	30.79	21.11	51.90	68.23	-16.33	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:** Ad Gan**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6744.000	29.80	7.29	37.09	68.23	-31.14	V	peak
8424.000	29.85	9.42	39.27	68.23	-28.96	V	peak
10632.000	28.92	13.94	42.86	68.23	-25.37	V	peak
11256.000	29.04	14.97	44.01	68.23	-24.22	V	peak
13692.000	29.13	19.77	48.90	68.23	-19.33	V	peak
14892.000	29.96	21.10	51.06	68.23	-17.17	V	peak
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7080.000	29.54	7.86	37.40	68.23	-30.83	H	Peak
8196.000	29.74	9.54	39.28	68.23	-28.95	H	Peak
10332.000	29.18	13.01	42.19	68.23	-26.04	H	Peak
11916.000	29.27	14.68	43.95	68.23	-24.28	H	peak
14304.000	29.06	20.76	49.82	68.23	-18.41	H	peak
15036.000	30.34	21.00	51.34	68.23	-16.89	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:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6864.000	29.28	7.48	36.76	68.23	-31.47	V	peak
8160.000	29.64	9.56	39.20	68.23	-29.03	V	peak
9732.000	29.52	11.21	40.73	68.23	-27.50	V	peak
11136.000	29.19	15.02	44.21	68.23	-24.02	V	peak
12540.000	28.38	16.43	44.81	68.23	-23.42	V	peak
14256.000	29.60	20.73	50.33	68.23	-17.90	V	peak
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7488.000	29.91	8.65	38.56	68.23	-29.67	H	Peak
8196.000	29.85	9.54	39.39	68.23	-28.84	H	Peak
10368.000	29.11	13.12	42.23	68.23	-26.00	H	Peak
11136.000	28.82	15.02	43.84	68.23	-24.39	H	peak
13104.000	27.34	18.22	45.56	68.23	-22.67	H	peak
14748.000	30.82	21.01	51.83	68.23	-16.40	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 802.11n HT 20 MHz / 5320MHz /(CH High)   **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6684.000	29.38	7.19	36.57	68.23	-31.66	V	peak
7416.000	30.19	8.51	38.70	68.23	-29.53	V	peak
9456.000	29.59	10.41	40.00	68.23	-28.23	V	peak
11148.000	29.42	15.01	44.43	68.23	-23.80	V	peak
13236.000	27.49	18.57	46.06	68.23	-22.17	V	peak
14736.000	29.79	21.01	50.80	68.23	-17.43	V	peak
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7260.000	29.49	8.21	37.70	68.23	-30.53	H	Peak
8160.000	29.68	9.56	39.24	68.23	-28.99	H	Peak
9036.000	29.93	9.20	39.13	68.23	-29.10	H	Peak
10656.000	28.43	14.01	42.44	68.23	-25.79	H	peak
11556.000	28.80	14.84	43.64	68.23	-24.59	H	peak
14388.000	29.51	20.81	50.32	68.23	-17.91	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 20 MHz / 5500MHz /(CH Low)   **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7356.000	29.50	8.39	37.89	68.23	-30.34	V	peak
8076.000	30.00	9.61	39.61	68.23	-28.62	V	peak
9720.000	30.37	11.17	41.54	68.23	-26.69	V	peak
11136.000	28.83	15.02	43.85	68.23	-24.38	V	peak
12852.000	28.02	17.46	45.48	68.23	-22.75	V	peak
14184.000	29.26	20.69	49.95	68.23	-18.28	V	peak
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6144.000	30.75	6.31	37.06	68.23	-31.17	H	Peak
7704.000	30.18	9.07	39.25	68.23	-28.98	H	Peak
9036.000	30.19	9.20	39.39	68.23	-28.84	H	Peak
10632.000	29.15	13.94	43.09	68.23	-25.14	H	peak
11688.000	29.26	14.78	44.04	68.23	-24.19	H	peak
12672.000	28.44	16.86	45.30	68.23	-22.93	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 20 MHz / 5580MHz /(CH Mid)    **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7356.000	28.95	8.39	37.34	68.23	-30.89	V	peak
8820.000	30.22	9.20	39.42	68.23	-28.81	V	peak
10944.000	28.68	14.91	43.59	68.23	-24.64	V	peak
12540.000	28.50	16.43	44.93	68.23	-23.30	V	peak
13692.000	28.99	19.77	48.76	68.23	-19.47	V	peak
14832.000	30.18	21.06	51.24	68.23	-16.99	V	peak
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7068.000	29.53	7.83	37.36	68.23	-30.87	H	Peak
8184.000	29.88	9.55	39.43	68.23	-28.80	H	Peak
9756.000	30.46	11.28	41.74	68.23	-26.49	H	Peak
10308.000	28.95	12.93	41.88	68.23	-26.35	H	peak
11136.000	28.81	15.02	43.83	68.23	-24.40	H	peak
14088.000	28.83	20.63	49.46	68.23	-18.77	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 802.11n HT 20 MHz / 5700MHz /(CH High)   **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7692.000	30.31	9.05	39.36	68.23	-28.87	V	peak
8124.000	29.82	9.58	39.40	68.23	-28.83	V	peak
9072.000	29.98	9.31	39.29	68.23	-28.94	V	peak
11136.000	28.76	15.02	43.78	68.23	-24.45	V	peak
12576.000	28.58	16.55	45.13	68.23	-23.10	V	peak
14172.000	29.21	20.68	49.89	68.23	-18.34	V	peak
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7620.000	29.75	8.91	38.66	68.23	-29.57	H	Peak
8712.000	30.20	9.26	39.46	68.23	-28.77	H	Peak
9948.000	29.37	11.83	41.20	68.23	-27.03	H	Peak
11148.000	29.40	15.01	44.41	68.23	-23.82	H	peak
12924.000	28.22	17.70	45.92	68.23	-22.31	H	peak
14280.000	29.08	20.74	49.82	68.23	-18.41	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7476.000	29.73	8.63	38.36	68.23	-29.87	V	peak
9036.000	30.15	9.20	39.35	68.23	-28.88	V	peak
10620.000	28.93	13.90	42.83	68.23	-25.40	V	peak
12264.000	28.75	15.51	44.26	68.23	-23.97	V	peak
14376.000	29.48	20.80	50.28	68.23	-17.95	V	peak
15000.000	29.96	21.16	51.12	68.23	-17.11	V	peak
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6876.000	30.01	7.50	37.51	68.23	-30.72	H	Peak
8424.000	29.82	9.42	39.24	68.23	-28.99	H	Peak
9840.000	29.83	11.52	41.35	68.23	-26.88	H	Peak
10956.000	29.12	14.94	44.06	68.23	-24.17	H	peak
12552.000	28.55	16.47	45.02	68.23	-23.21	H	peak
14292.000	29.31	20.75	50.06	68.23	-18.17	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 / 5785MHz /(CH Mid)    **Tested by:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7512.000	29.60	8.70	38.30	68.23	-29.93	V	peak
8412.000	29.61	9.42	39.03	68.23	-29.20	V	peak
9612.000	29.93	10.86	40.79	68.23	-27.44	V	peak
11652.000	28.82	14.79	43.61	68.23	-24.62	V	peak
13272.000	27.74	18.67	46.41	68.23	-21.82	V	peak
14400.000	29.56	20.81	50.37	68.23	-17.86	V	peak
6852.000	29.64	7.46	37.10	68.23	-31.13	H	Peak
8484.000	29.70	9.38	39.08	68.23	-29.15	H	Peak
9744.000	29.97	11.24	41.21	68.23	-27.02	H	Peak
11136.000	28.69	15.02	43.71	68.23	-24.52	H	peak
12552.000	28.96	16.47	45.43	68.23	-22.80	H	peak
14136.000	29.46	20.66	50.12	68.23	-18.11	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	29.73	9.17	38.90	68.23	-29.33	V	peak
8160.000	29.83	9.56	39.39	68.23	-28.84	V	peak
9984.000	29.30	11.93	41.23	68.23	-27.00	V	peak
10980.000	28.36	15.02	43.38	68.23	-24.85	V	peak
11916.000	29.13	14.68	43.81	68.23	-24.42	V	peak
13704.000	29.26	19.80	49.06	68.23	-19.17	V	peak
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7044.000	29.88	7.79	37.67	68.23	-30.56	H	Peak
8136.000	29.84	9.58	39.42	68.23	-28.81	H	Peak
9780.000	29.90	11.35	41.25	68.23	-26.98	H	Peak
11868.000	29.55	14.70	44.25	68.23	-23.98	H	peak
13656.000	29.23	19.68	48.91	68.23	-19.32	H	peak
14340.000	29.64	20.78	50.42	68.23	-17.81	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).

**Combine with Antenna 0 and Antenna 1 and Antenna 2****Test Mode:** TX / IEEE 802.11n HT 40 MHz / 5190MHz /(CH Low)   **Tested by:** Sam Zeng**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7104.000	29.41	7.90	37.31	68.23	-30.92	V	peak
8988.000	29.92	9.11	39.03	68.23	-29.20	V	peak
10572.000	29.07	13.75	42.82	68.23	-25.41	V	peak
12228.000	28.96	15.39	44.35	68.23	-23.88	V	peak
13812.000	29.02	20.09	49.11	68.23	-19.12	V	peak
15036.000	30.29	21.00	51.29	68.23	-16.94	V	peak
7392.000	29.47	8.46	37.93	68.23	-30.30	H	Peak
8076.000	29.59	9.61	39.20	68.23	-29.03	H	Peak
9768.000	29.53	11.31	40.84	68.23	-27.39	H	Peak
11100.000	28.44	15.04	43.48	68.23	-24.75	H	peak
12564.000	28.44	16.51	44.95	68.23	-23.28	H	peak
14232.000	29.15	20.71	49.86	68.23	-18.37	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7188.000	29.67	8.07	37.74	68.23	-30.49	V	peak
8124.000	29.77	9.58	39.35	68.23	-28.88	V	peak
10152.000	29.21	12.45	41.66	68.23	-26.57	V	peak
11004.000	28.77	15.08	43.85	68.23	-24.38	V	peak
12552.000	28.28	16.47	44.75	68.23	-23.48	V	peak
14352.000	29.31	20.78	50.09	68.23	-18.14	V	peak
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7512.000	29.63	8.70	38.33	68.23	-29.90	H	Peak
8148.000	29.94	9.57	39.51	68.23	-28.72	H	Peak
10008.000	29.23	12.00	41.23	68.23	-27.00	H	Peak
11136.000	29.16	15.02	44.18	68.23	-24.05	H	peak
13404.000	27.17	19.01	46.18	68.23	-22.05	H	peak
14676.000	30.11	20.97	51.08	68.23	-17.15	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7020.000	29.91	7.74	37.65	68.23	-30.58	V	peak
8136.000	29.70	9.58	39.28	68.23	-28.95	V	peak
10008.000	29.31	12.00	41.31	68.23	-26.92	V	peak
11964.000	29.06	14.66	43.72	68.23	-24.51	V	peak
13404.000	27.54	19.01	46.55	68.23	-21.68	V	peak
14400.000	29.75	20.81	50.56	68.23	-17.67	V	peak
7404.000	29.65	8.49	38.14	68.23	-30.09	H	Peak
8424.000	30.29	9.42	39.71	68.23	-28.52	H	Peak
9768.000	29.90	11.31	41.21	68.23	-27.02	H	Peak
10968.000	28.84	14.98	43.82	68.23	-24.41	H	peak
12600.000	28.33	16.63	44.96	68.23	-23.27	H	peak
14340.000	29.52	20.78	50.30	68.23	-17.93	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6828.000	30.33	7.42	37.75	68.23	-30.48	V	peak
7656.000	30.56	8.98	39.54	68.23	-28.69	V	peak
9444.000	29.73	10.38	40.11	68.23	-28.12	V	peak
11136.000	29.14	15.02	44.16	68.23	-24.07	V	peak
12240.000	29.07	15.43	44.50	68.23	-23.73	V	peak
13032.000	27.39	18.03	45.42	68.23	-22.81	V	peak
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7260.000	29.39	8.21	37.60	68.23	-30.63	H	Peak
8460.000	29.86	9.40	39.26	68.23	-28.97	H	Peak
10176.000	29.21	12.53	41.74	68.23	-26.49	H	Peak
11964.000	29.23	14.66	43.89	68.23	-24.34	H	peak
12684.000	28.51	16.90	45.41	68.23	-22.82	H	peak
13692.000	29.86	19.77	49.63	68.23	-18.60	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6492.000	30.21	6.88	37.09	68.23	-31.14	V	peak
7596.000	29.89	8.86	38.75	68.23	-29.48	V	peak
9516.000	29.95	10.59	40.54	68.23	-27.69	V	peak
11004.000	28.62	15.08	43.70	68.23	-24.53	V	peak
12492.000	28.30	16.27	44.57	68.23	-23.66	V	peak
13620.000	29.57	19.58	49.15	68.23	-19.08	V	peak
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7500.000	30.04	8.68	38.72	68.23	-29.51	H	Peak
9468.000	29.98	10.45	40.43	68.23	-27.80	H	Peak
11040.000	28.56	15.06	43.62	68.23	-24.61	H	Peak
12696.000	28.19	16.94	45.13	68.23	-23.10	H	peak
13992.000	28.94	20.56	49.50	68.23	-18.73	H	peak
14868.000	30.36	21.08	51.44	68.23	-16.79	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:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7716.000	29.78	9.10	38.88	68.23	-29.35	V	peak
9084.000	30.00	9.34	39.34	68.23	-28.89	V	peak
10152.000	29.17	12.45	41.62	68.23	-26.61	V	peak
10980.000	28.64	15.02	43.66	68.23	-24.57	V	peak
12564.000	28.51	16.51	45.02	68.23	-23.21	V	peak
13956.000	28.62	20.46	49.08	68.23	-19.15	V	peak
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6528.000	30.08	6.94	37.02	68.23	-31.21	H	Peak
7836.000	30.42	9.33	39.75	68.23	-28.48	H	Peak
9660.000	30.13	11.00	41.13	68.23	-27.10	H	Peak
11244.000	29.24	14.97	44.21	68.23	-24.02	H	peak
13908.000	28.75	20.34	49.09	68.23	-19.14	H	peak
14892.000	30.46	21.10	51.56	68.23	-16.67	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6984.000	29.69	7.67	37.36	68.23	-30.87	V	peak
7620.000	29.84	8.91	38.75	68.23	-29.48	V	peak
8148.000	29.93	9.57	39.50	68.23	-28.73	V	peak
9480.000	29.95	10.48	40.43	68.23	-27.80	V	peak
10140.000	29.42	12.41	41.83	68.23	-26.40	V	peak
11136.000	28.87	15.02	43.89	68.23	-24.34	V	peak
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6864.000	29.23	7.48	36.71	68.23	-31.52	H	Peak
8064.000	29.44	9.61	39.05	68.23	-29.18	H	Peak
10356.000	29.15	13.08	42.23	68.23	-26.00	H	Peak
11148.000	28.98	15.01	43.99	68.23	-24.24	H	peak
13680.000	29.49	19.74	49.23	68.23	-19.00	H	peak
15000.000	29.92	21.16	51.08	68.23	-17.15	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:** Sam Zeng  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7404.000	29.69	8.49	38.18	68.23	-30.05	V	peak
8424.000	29.81	9.42	39.23	68.23	-29.00	V	peak
10380.000	29.39	13.16	42.55	68.23	-25.68	V	peak
11136.000	29.14	15.02	44.16	68.23	-24.07	V	peak
12540.000	28.97	16.43	45.40	68.23	-22.83	V	peak
13800.000	29.06	20.05	49.11	68.23	-19.12	V	peak
7296.000	29.34	8.28	37.62	68.23	-30.61	H	Peak
7836.000	30.42	9.33	39.75	68.23	-28.48	H	Peak
9996.000	29.26	11.97	41.23	68.23	-27.00	H	Peak
11256.000	29.19	14.97	44.16	68.23	-24.07	H	peak
14244.000	29.47	20.72	50.19	68.23	-18.04	H	peak
15360.000	31.12	19.52	50.64	68.23	-17.59	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:** Sam Zeng  
**Ambient temperature:** 24°C   **Relative humidity:** 52% RH   **Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7716.000	29.78	9.10	38.88	68.23	-29.35	V	peak
9084.000	30.00	9.34	39.34	68.23	-28.89	V	peak
10152.000	29.17	12.45	41.62	68.23	-26.61	V	peak
10980.000	28.64	15.02	43.66	68.23	-24.57	V	peak
12564.000	28.51	16.51	45.02	68.23	-23.21	V	peak
13956.000	28.62	20.46	49.08	68.23	-19.15	V	peak
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6528.000	30.08	6.94	37.02	68.23	-31.21	H	Peak
7836.000	30.42	9.33	39.75	68.23	-28.48	H	Peak
9660.000	30.13	11.00	41.13	68.23	-27.10	H	Peak
11244.000	29.24	14.97	44.21	68.23	-24.02	H	peak
13908.000	28.75	20.34	49.09	68.23	-19.14	H	peak
14892.000	30.46	21.10	51.56	68.23	-16.67	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).

**Combine with Antenna 0 and Antenna 1 and Antenna 2****Test Mode:** TX / IEEE 802.11ac MHz / 5180MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7512.000	29.79	8.70	38.49	68.23	-29.74	V	peak
8184.000	29.86	9.55	39.41	68.23	-28.82	V	peak
9948.000	29.54	11.83	41.37	68.23	-26.86	V	peak
10932.000	28.39	14.87	43.26	68.23	-24.97	V	peak
11652.000	29.12	14.79	43.91	68.23	-24.32	V	peak
13644.000	29.55	19.64	49.19	68.23	-19.04	V	peak
7800.000	30.35	9.26	39.61	68.23	-28.62	H	Peak
8484.000	30.28	9.38	39.66	68.23	-28.57	H	Peak
9768.000	30.96	11.31	42.27	68.23	-25.96	H	Peak
10992.000	29.03	15.06	44.09	68.23	-24.14	H	peak
11928.000	29.58	14.67	44.25	68.23	-23.98	H	peak
13716.000	29.11	19.83	48.94	68.23	-19.29	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 s
5. hown “ --- ” 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.
6. 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.
7. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

**Test Mode:** TX / IEEE 802.11ac 20 MHz / 5200MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7704.000	29.85	9.07	38.92	68.23	-29.31	V	peak
8412.000	30.24	9.42	39.66	68.23	-28.57	V	peak
10296.000	28.98	12.90	41.88	68.23	-26.35	V	peak
11724.000	28.91	14.76	43.67	68.23	-24.56	V	peak
12516.000	28.51	16.35	44.86	68.23	-23.37	V	peak
13608.000	28.90	19.55	48.45	68.23	-19.78	V	peak
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7476.000	30.80	8.63	39.43	68.23	-28.80	H	Peak
8208.000	30.85	9.54	40.39	68.23	-27.84	H	Peak
10344.000	29.59	13.05	42.64	68.23	-25.59	H	Peak
11136.000	29.63	15.02	44.65	68.23	-23.58	H	peak
12624.000	28.13	16.71	44.84	68.23	-23.39	H	peak
13632.000	28.86	19.61	48.47	68.23	-19.76	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 MHz / 5240MHz /(CH High)**Tested by:** Ad Gan**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7860.000	29.47	9.38	38.85	68.23	-29.38	V	peak
9336.000	29.08	10.07	39.15	68.23	-29.08	V	peak
10200.000	29.01	12.60	41.61	68.23	-26.62	V	peak
11016.000	29.04	15.07	44.11	68.23	-24.12	V	peak
12096.000	28.90	14.96	43.86	68.23	-24.37	V	peak
13656.000	29.00	19.68	48.68	68.23	-19.55	V	peak
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7656.000	30.70	8.98	39.68	68.23	-28.55	H	Peak
8160.000	30.65	9.56	40.21	68.23	-28.02	H	Peak
9936.000	29.07	11.80	40.87	68.23	-27.36	H	Peak
11160.000	28.97	15.01	43.98	68.23	-24.25	H	peak
11904.000	29.43	14.68	44.11	68.23	-24.12	H	peak
13692.000	29.05	19.77	48.82	68.23	-19.41	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 MHz / 5260MHz /(CH Low)**Tested by:** Ad Gan**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8196.000	30.20	9.54	39.74	68.23	-28.49	V	peak
9324.000	30.18	10.03	40.21	68.23	-28.02	V	peak
10572.000	29.41	13.75	43.16	68.23	-25.07	V	peak
11256.000	29.04	14.97	44.01	68.23	-24.22	V	peak
12516.000	28.48	16.35	44.83	68.23	-23.40	V	peak
13776.000	29.14	19.99	49.13	68.23	-19.10	V	peak
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7752.000	29.96	9.17	39.13	68.23	-29.10	H	Peak
9468.000	29.77	10.45	40.22	68.23	-28.01	H	Peak
10368.000	29.29	13.12	42.41	68.23	-25.82	H	Peak
11136.000	28.86	15.02	43.88	68.23	-24.35	H	peak
12552.000	28.42	16.47	44.89	68.23	-23.34	H	peak
13704.000	28.96	19.80	48.76	68.23	-19.47	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 MHz / 5300MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7668.000	30.30	9.00	39.30	68.23	-28.93	V	peak
8160.000	30.14	9.56	39.70	68.23	-28.53	V	peak
9996.000	28.83	11.97	40.80	68.23	-27.43	V	peak
11136.000	28.69	15.02	43.71	68.23	-24.52	V	peak
12540.000	28.38	16.43	44.81	68.23	-23.42	V	peak
13644.000	29.49	19.64	49.13	68.23	-19.10	V	peak
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7860.000	29.84	9.38	39.22	68.23	-29.01	H	Peak
8196.000	29.85	9.54	39.39	68.23	-28.84	H	Peak
10368.000	29.11	13.12	42.23	68.23	-26.00	H	Peak
11136.000	28.82	15.02	43.84	68.23	-24.39	H	peak
12492.000	28.10	16.27	44.37	68.23	-23.86	H	peak
13680.000	28.99	19.74	48.73	68.23	-19.50	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 802.11ac 20 MHz / 5320MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7416.000	30.69	8.51	39.20	68.23	-29.03	V	peak
8244.000	30.42	9.52	39.94	68.23	-28.29	V	peak
9780.000	30.06	11.35	41.41	68.23	-26.82	V	peak
11148.000	29.42	15.01	44.43	68.23	-23.80	V	peak
12240.000	28.73	15.43	44.16	68.23	-24.07	V	peak
13716.000	28.37	19.83	48.20	68.23	-20.03	V	peak
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7572.000	30.53	8.82	39.35	68.23	-28.88	H	Peak
8160.000	30.68	9.56	40.24	68.23	-27.99	H	Peak
10104.000	29.46	12.30	41.76	68.23	-26.47	H	Peak
11436.000	29.21	14.89	44.10	68.23	-24.13	H	peak
12240.000	28.44	15.43	43.87	68.23	-24.36	H	peak
13692.000	28.63	19.77	48.40	68.23	-19.83	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).

**Test Mode:** TX / IEEE 802.11ac 20 MHz / 5500MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7680.000	30.45	9.03	39.48	68.23	-28.75	V	peak
8076.000	30.50	9.61	40.11	68.23	-28.12	V	peak
9720.000	30.87	11.17	42.04	68.23	-26.19	V	peak
11136.000	28.83	15.02	43.85	68.23	-24.38	V	peak
12648.000	28.19	16.78	44.97	68.23	-23.26	V	peak
13668.000	28.66	19.71	48.37	68.23	-19.86	V	peak
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7704.000	30.68	9.07	39.75	68.23	-28.48	H	Peak
8136.000	30.48	9.58	40.06	68.23	-28.17	H	Peak
9528.000	30.61	10.62	41.23	68.23	-27.00	H	Peak
10980.000	29.27	15.02	44.29	68.23	-23.94	H	peak
12540.000	29.10	16.43	45.53	68.23	-22.70	H	peak
13740.000	29.69	19.90	49.59	68.23	-18.64	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 MHz / 5580MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	30.17	9.14	39.31	68.23	-28.92	V	peak
8424.000	30.36	9.42	39.78	68.23	-28.45	V	peak
9996.000	29.75	11.97	41.72	68.23	-26.51	V	peak
10944.000	28.68	14.91	43.59	68.23	-24.64	V	peak
13008.000	27.27	17.97	45.24	68.23	-22.99	V	peak
13944.000	28.31	20.43	48.74	68.23	-19.49	V	peak
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7668.000	30.46	9.00	39.46	68.23	-28.77	H	Peak
8184.000	30.38	9.55	39.93	68.23	-28.30	H	Peak
9756.000	30.96	11.28	42.24	68.23	-25.99	H	Peak
11136.000	28.81	15.02	43.83	68.23	-24.40	H	peak
12600.000	28.29	16.63	44.92	68.23	-23.31	H	peak
13716.000	28.67	19.83	48.50	68.23	-19.73	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 MHz / 5700MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7392.000	30.41	8.46	38.87	68.23	-29.36	V	peak
8124.000	30.32	9.58	39.90	68.23	-28.33	V	peak
10356.000	28.82	13.08	41.90	68.23	-26.33	V	peak
11292.000	28.52	14.95	43.47	68.23	-24.76	V	peak
12576.000	28.58	16.55	45.13	68.23	-23.10	V	peak
13752.000	28.81	19.93	48.74	68.23	-19.49	V	peak
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7716.000	30.37	9.10	39.47	68.23	-28.76	H	Peak
8712.000	30.70	9.26	39.96	68.23	-28.27	H	Peak
10356.000	30.04	13.08	43.12	68.23	-25.11	H	Peak
11148.000	29.90	15.01	44.91	68.23	-23.32	H	peak
12648.000	28.26	16.78	45.04	68.23	-23.19	H	peak
13740.000	29.44	19.90	49.34	68.23	-18.89	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 MHz / 5745MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7848.000	29.49	9.35	38.84	68.23	-29.39	V	peak
9036.000	30.15	9.20	39.35	68.23	-28.88	V	peak
10620.000	28.93	13.90	42.83	68.23	-25.40	V	peak
11028.000	28.58	15.07	43.65	68.23	-24.58	V	peak
13236.000	27.79	18.57	46.36	68.23	-21.87	V	peak
13668.000	29.24	19.71	48.95	68.23	-19.28	V	peak
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7728.000	30.45	9.12	39.57	68.23	-28.66	H	Peak
9840.000	30.33	11.52	41.85	68.23	-26.38	H	Peak
10632.000	29.13	13.94	43.07	68.23	-25.16	H	Peak
10956.000	29.12	14.94	44.06	68.23	-24.17	H	peak
12552.000	28.55	16.47	45.02	68.23	-23.21	H	peak
13644.000	29.31	19.64	48.95	68.23	-19.28	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 MHz / 5785MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7860.000	30.17	9.38	39.55	68.23	-28.68	V	peak
9612.000	30.43	10.86	41.29	68.23	-26.94	V	peak
10344.000	29.86	13.05	42.91	68.23	-25.32	V	peak
10968.000	28.52	14.98	43.50	68.23	-24.73	V	peak
12636.000	28.72	16.75	45.47	68.23	-22.76	V	peak
13824.000	28.21	20.12	48.33	68.23	-19.90	V	peak
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7620.000	30.41	8.91	39.32	68.23	-28.91	H	Peak
9108.000	30.81	9.41	40.22	68.23	-28.01	H	Peak
9744.000	30.47	11.24	41.71	68.23	-26.52	H	Peak
10620.000	29.18	13.90	43.08	68.23	-25.15	H	peak
12552.000	28.96	16.47	45.43	68.23	-22.80	H	peak
13644.000	29.51	19.64	49.15	68.23	-19.08	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 MHz / 5825MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	30.23	9.17	39.40	68.23	-28.83	V	peak
8160.000	30.33	9.56	39.89	68.23	-28.34	V	peak
10572.000	29.91	13.75	43.66	68.23	-24.57	V	peak
11136.000	29.04	15.02	44.06	68.23	-24.17	V	peak
12660.000	27.98	16.82	44.80	68.23	-23.43	V	peak
13704.000	28.76	19.80	48.56	68.23	-19.67	V	peak
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7668.000	30.75	9.00	39.75	68.23	-28.48	H	Peak
8136.000	30.34	9.58	39.92	68.23	-28.31	H	Peak
9780.000	30.40	11.35	41.75	68.23	-26.48	H	Peak
10944.000	29.59	14.91	44.50	68.23	-23.73	H	peak
12660.000	28.27	16.82	45.09	68.23	-23.14	H	peak
13704.000	28.67	19.80	48.47	68.23	-19.76	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).

**Combine with Antenna 0 and Antenna 1 and Antenna 2****Test Mode:** TX / IEEE 802.11ac 40 MHz / 5190MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8220.000	31.03	9.53	40.56	68.23	-27.67	V	peak
10044.000	29.58	12.12	41.70	68.23	-26.53	V	peak
10956.000	29.14	14.94	44.08	68.23	-24.15	V	peak
11880.000	29.58	14.69	44.27	68.23	-23.96	V	peak
12552.000	28.56	16.47	45.03	68.23	-23.20	V	peak
13668.000	28.78	19.71	48.49	68.23	-19.74	V	peak
8076.000	30.09	9.61	39.70	68.23	-28.53	H	Peak
9444.000	30.86	10.38	41.24	68.23	-26.99	H	Peak
10332.000	29.61	13.01	42.62	68.23	-25.61	H	Peak
11148.000	28.53	15.01	43.54	68.23	-24.69	H	peak
12564.000	28.44	16.51	44.95	68.23	-23.28	H	peak
13740.000	29.15	19.90	49.05	68.23	-19.18	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 40 MHz / 5230MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7788.000	30.24	9.24	39.48	68.23	-28.75	V	peak
9708.000	30.07	11.14	41.21	68.23	-27.02	V	peak
10440.000	29.65	13.34	42.99	68.23	-25.24	V	peak
11004.000	29.27	15.08	44.35	68.23	-23.88	V	peak
12576.000	29.02	16.55	45.57	68.23	-22.66	V	peak
13764.000	29.30	19.96	49.26	68.23	-18.97	V	peak
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7740.000	30.32	9.14	39.46	68.23	-28.77	H	Peak
8148.000	30.44	9.57	40.01	68.23	-28.22	H	Peak
10608.000	28.80	13.86	42.66	68.23	-25.57	H	Peak
11136.000	29.16	15.02	44.18	68.23	-24.05	H	peak
12552.000	28.51	16.47	44.98	68.23	-23.25	H	peak
13788.000	28.69	20.02	48.71	68.23	-19.52	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 40 MHz / 5270MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7488.000	30.65	8.65	39.30	68.23	-28.93	V	peak
8136.000	30.20	9.58	39.78	68.23	-28.45	V	peak
9708.000	30.58	11.14	41.72	68.23	-26.51	V	peak
10968.000	29.17	14.98	44.15	68.23	-24.08	V	peak
13080.000	27.17	18.16	45.33	68.23	-22.90	V	peak
13692.000	28.89	19.77	48.66	68.23	-19.57	V	peak
7764.000	30.57	9.19	39.76	68.23	-28.47	H	Peak
9768.000	29.90	11.31	41.21	68.23	-27.02	H	Peak
10368.000	29.44	13.12	42.56	68.23	-25.67	H	Peak
10968.000	28.84	14.98	43.82	68.23	-24.41	H	peak
11928.000	29.38	14.67	44.05	68.23	-24.18	H	peak
13632.000	29.13	19.61	48.74	68.23	-19.49	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 40 MHz / 5310MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7656.000	31.06	8.98	40.04	68.23	-28.19	V	peak
8184.000	30.28	9.55	39.83	68.23	-28.40	V	peak
10176.000	29.52	12.53	42.05	68.23	-26.18	V	peak
11136.000	29.14	15.02	44.16	68.23	-24.07	V	peak
12552.000	28.76	16.47	45.23	68.23	-23.00	V	peak
13716.000	29.48	19.83	49.31	68.23	-18.92	V	peak
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7800.000	30.45	9.26	39.71	68.23	-28.52	H	Peak
9732.000	29.90	11.21	41.11	68.23	-27.12	H	Peak
10572.000	28.86	13.75	42.61	68.23	-25.62	H	Peak
10932.000	28.95	14.87	43.82	68.23	-24.41	H	peak
12684.000	28.51	16.90	45.41	68.23	-22.82	H	peak
13692.000	29.86	19.77	49.63	68.23	-18.60	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 40 MHz / 5510MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7896.000	29.86	9.45	39.31	68.23	-28.92	V	peak
8412.000	30.89	9.42	40.31	68.23	-27.92	V	peak
10356.000	29.94	13.08	43.02	68.23	-25.21	V	peak
11004.000	28.62	15.08	43.70	68.23	-24.53	V	peak
12672.000	28.23	16.86	45.09	68.23	-23.14	V	peak
13620.000	29.57	19.58	49.15	68.23	-19.08	V	peak
<hr/>							
7716.000	30.32	9.10	39.42	68.23	-28.81	H	Peak
8436.000	30.45	9.41	39.86	68.23	-28.37	H	Peak
9720.000	30.67	11.17	41.84	68.23	-26.39	H	Peak
11136.000	28.92	15.02	43.94	68.23	-24.29	H	peak
12696.000	28.19	16.94	45.13	68.23	-23.10	H	peak
13608.000	29.07	19.55	48.62	68.23	-19.61	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 40 MHz / 5550MHz /(CH Mid)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7032.000	29.36	7.76	37.12	68.23	-31.11	V	peak
7716.000	29.78	9.10	38.88	68.23	-29.35	V	peak
9156.000	29.58	9.55	39.13	68.23	-29.10	V	peak
9984.000	28.75	11.93	40.68	68.23	-27.55	V	peak
10980.000	28.14	15.02	43.16	68.23	-25.07	V	peak
12504.000	27.67	16.31	43.98	68.23	-24.25	V	peak
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6528.000	29.58	6.94	36.52	68.23	-31.71	H	Peak
7656.000	29.34	8.98	38.32	68.23	-29.91	H	Peak
8136.000	29.29	9.58	38.87	68.23	-29.36	H	Peak
9660.000	29.63	11.00	40.63	68.23	-27.60	H	peak
10572.000	28.47	13.75	42.22	68.23	-26.01	H	peak
11244.000	28.24	14.97	43.21	68.23	-25.02	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 40 MHz / 5670MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7620.000	30.34	8.91	39.25	68.23	-28.98	V	peak
8148.000	30.43	9.57	40.00	68.23	-28.23	V	peak
9468.000	30.24	10.45	40.69	68.23	-27.54	V	peak
11136.000	28.87	15.02	43.89	68.23	-24.34	V	peak
12564.000	28.37	16.51	44.88	68.23	-23.35	V	peak
13680.000	29.37	19.74	49.11	68.23	-19.12	V	peak
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7800.000	30.23	9.26	39.49	68.23	-28.74	H	Peak
8208.000	30.03	9.54	39.57	68.23	-28.66	H	Peak
9768.000	30.42	11.31	41.73	68.23	-26.50	H	Peak
11148.000	29.48	15.01	44.49	68.23	-23.74	H	peak
12516.000	28.68	16.35	45.03	68.23	-23.20	H	peak
13680.000	29.49	19.74	49.23	68.23	-19.00	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 40 MHz / 5755MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	30.42	9.17	39.59	68.23	-28.64	V	peak
8148.000	30.10	9.57	39.67	68.23	-28.56	V	peak
10380.000	29.39	13.16	42.55	68.23	-25.68	V	peak
11136.000	29.14	15.02	44.16	68.23	-24.07	V	peak
12912.000	27.97	17.66	45.63	68.23	-22.60	V	peak
13728.000	28.96	19.86	48.82	68.23	-19.41	V	peak
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7836.000	30.92	9.33	40.25	68.23	-27.98	H	Peak
8760.000	30.92	9.23	40.15	68.23	-28.08	H	Peak
10140.000	30.16	12.41	42.57	68.23	-25.66	H	Peak
11244.000	29.74	14.97	44.71	68.23	-23.52	H	peak
12696.000	28.31	16.94	45.25	68.23	-22.98	H	peak
13800.000	28.84	20.05	48.89	68.23	-19.34	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 40 MHz / 5795MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7716.000	30.28	9.10	39.38	68.23	-28.85	V	peak
9156.000	30.08	9.55	39.63	68.23	-28.60	V	peak
9744.000	29.92	11.24	41.16	68.23	-27.07	V	peak
10980.000	28.64	15.02	43.66	68.23	-24.57	V	peak
12912.000	27.38	17.66	45.04	68.23	-23.19	V	peak
13632.000	28.71	19.61	48.32	68.23	-19.91	V	peak
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7008.000	29.54	7.72	37.26	68.23	-30.97	H	Peak
7836.000	30.42	9.33	39.75	68.23	-28.48	H	Peak
8760.000	30.42	9.23	39.65	68.23	-28.58	H	Peak
11244.000	29.24	14.97	44.21	68.23	-24.02	H	peak
12696.000	28.31	16.94	45.25	68.23	-22.98	H	peak
13908.000	28.75	20.34	49.09	68.23	-19.14	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).

**Combine with Antenna 0 and Antenna 1 and Antenna 2****Test Mode:** TX / IEEE 802.11ac 80 / 5210MHz /(CH Low)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7428.000	29.47	8.53	38.00	68.23	-30.23	V	peak
8400.000	29.84	9.43	39.27	68.23	-28.96	V	peak
10272.000	28.97	12.82	41.79	68.23	-26.44	V	peak
12552.000	28.30	16.47	44.77	68.23	-23.46	V	peak
14040.000	29.05	20.60	49.65	68.23	-18.58	V	peak
15264.000	31.50	19.96	51.46	68.23	-16.77	V	peak
7044.000	29.38	7.79	37.17	68.23	-31.06	H	Peak
7668.000	29.75	9.00	38.75	68.23	-29.48	H	Peak
9324.000	29.21	10.03	39.24	68.23	-28.99	H	Peak
11196.000	28.69	14.99	43.68	68.23	-24.55	H	peak
13704.000	28.17	19.80	47.97	68.23	-20.26	H	peak
14988.000	29.89	21.15	51.04	68.23	-17.19	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 80 / 5290MHz /(CH High)**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6684.000	30.11	7.19	37.30	68.23	-30.93	V	peak
8112.000	29.58	9.59	39.17	68.23	-29.06	V	peak
9372.000	29.63	10.17	39.80	68.23	-28.43	V	peak
10584.000	28.76	13.79	42.55	68.23	-25.68	V	peak
11676.000	29.42	14.78	44.20	68.23	-24.03	V	peak
13152.000	27.33	18.35	45.68	68.23	-22.55	V	peak
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7620.000	29.41	8.91	38.32	68.23	-29.91	H	Peak
8484.000	29.20	9.38	38.58	68.23	-29.65	H	Peak
9696.000	29.33	11.10	40.43	68.23	-27.80	H	Peak
11136.000	28.69	15.02	43.71	68.23	-24.52	H	peak
12552.000	28.46	16.47	44.93	68.23	-23.30	H	peak
13644.000	29.01	19.64	48.65	68.23	-19.58	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 802.11ac 80 / 5530MHz**Tested by:** Sam Zeng**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7236.000	29.51	8.16	37.67	68.23	-30.56	V	peak
8424.000	29.84	9.42	39.26	68.23	-28.97	V	peak
10656.000	29.12	14.01	43.13	68.23	-25.10	V	peak
12384.000	28.27	15.91	44.18	68.23	-24.05	V	peak
14028.000	29.24	20.60	49.84	68.23	-18.39	V	peak
15432.000	31.66	19.19	50.85	68.23	-17.38	V	peak
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7464.000	29.63	8.60	38.23	68.23	-30.00	H	Peak
8424.000	29.32	9.42	38.74	68.23	-29.49	H	Peak
10884.000	27.87	14.72	42.59	68.23	-25.64	H	Peak
11892.000	29.14	14.69	43.83	68.23	-24.40	H	peak
12552.000	28.05	16.47	44.52	68.23	-23.71	H	peak
15240.000	31.28	20.07	51.35	68.23	-16.88	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 80 / 5775MHz**Tested by:** Sam Zeng**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** June 3, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7488.000	30.09	8.65	38.74	68.23	-29.49	V	peak
8136.000	30.35	9.58	39.93	68.23	-28.30	V	peak
10344.000	29.35	13.05	42.40	68.23	-25.83	V	peak
11916.000	29.04	14.68	43.72	68.23	-24.51	V	peak
13296.000	27.34	18.73	46.07	68.23	-22.16	V	peak
14568.000	29.56	20.91	50.47	68.23	-17.76	V	peak
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6888.000	29.08	7.52	36.60	68.23	-31.63	H	Peak
8412.000	30.00	9.42	39.42	68.23	-28.81	H	Peak
10584.000	28.49	13.79	42.28	68.23	-25.95	H	Peak
11148.000	29.40	15.01	44.41	68.23	-23.82	H	peak
12924.000	27.72	17.70	45.42	68.23	-22.81	H	peak
14856.000	29.94	21.08	51.02	68.23	-17.21	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).



## 6.8 CONDUCTED UNDESIRABLE EMISSION

### 6.8.1 LIMIT

According to 15.407(b),

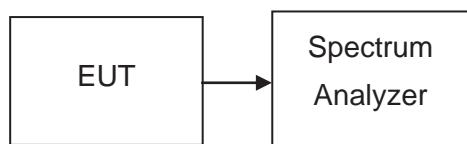
- (1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (2) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (3) The provisions of §15.205 apply to intentional radiators operating under this section.

### 6.8.2 MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2017	02/20/2018

*Remark:* Each piece of equipment is scheduled for calibration once a year.

### 6.8.3 TEST CONFIGURATION



### 6.8.4 TEST PROCEDURE

Conducted RF measurements of the transmitter output were made to confirm that the EUT antenna port conducted emissions meet the specified limit and to identify any spurious signals that require further investigation or measurements on the radiated emissions site.

The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to 1MHz. The video bandwidth is set to 3MHz. Peak detection measurements are compared to the average EIRP limit, adjusted for the maximum antenna gain. If necessary, additional average detection measurements are made.

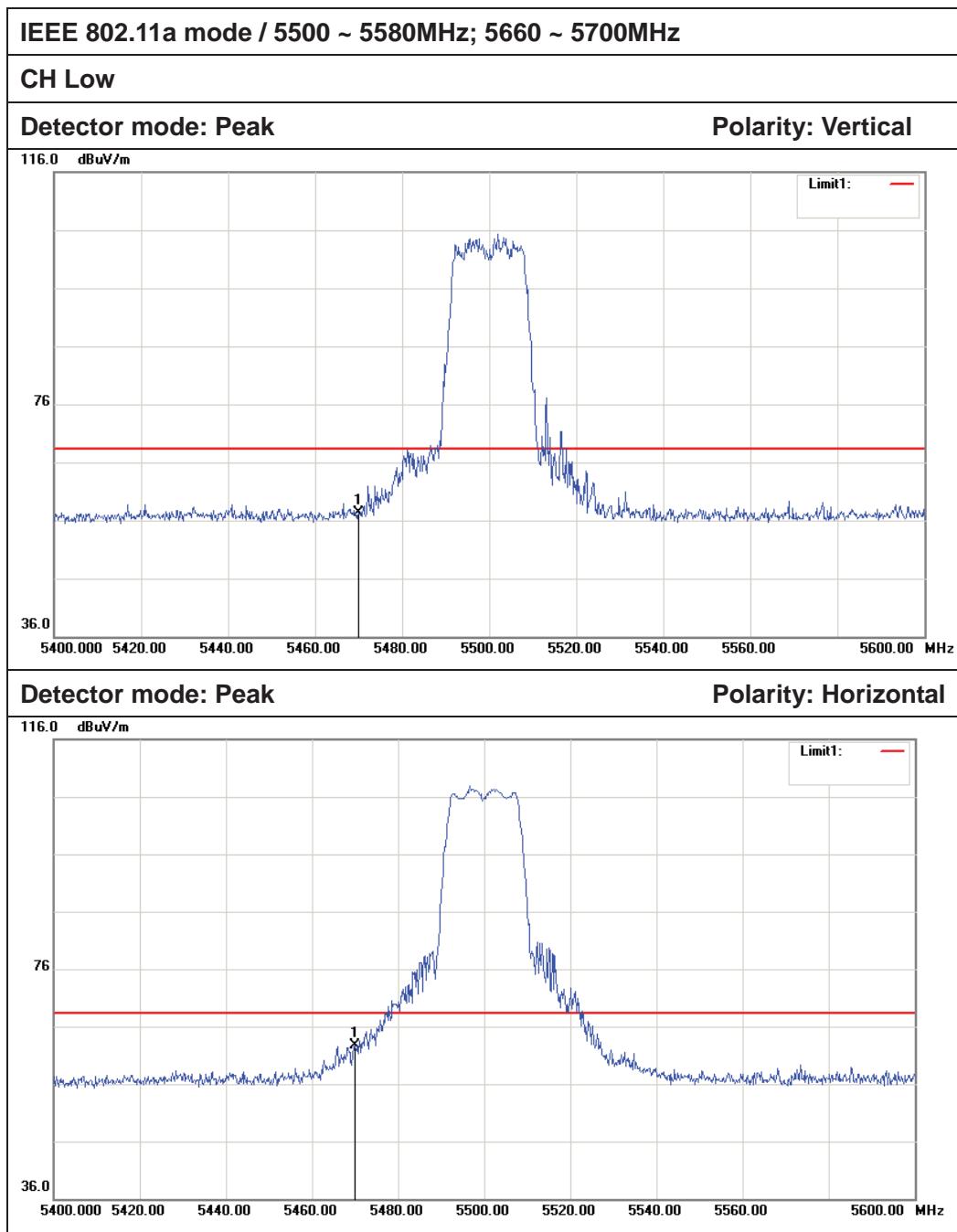
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels.



## 6.8.5 TEST RESULTS

No non-compliance noted

### Test Plot



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	51.44	5.82	57.26	68.20	-10.94	Peak	Vertical
2	5470.000	56.89	5.82	62.71	68.20	-5.49	Peak	Horizontal



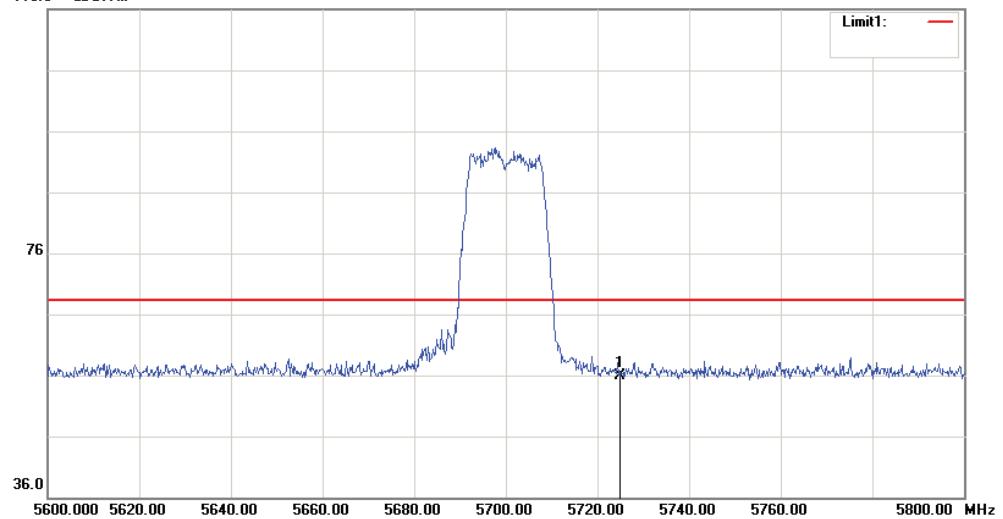
## IEEE 802.11a mode / 5500 ~ 5580MHz; 5660 ~ 5700MHz

CH High

Detector mode: Peak

Polarity: Vertical

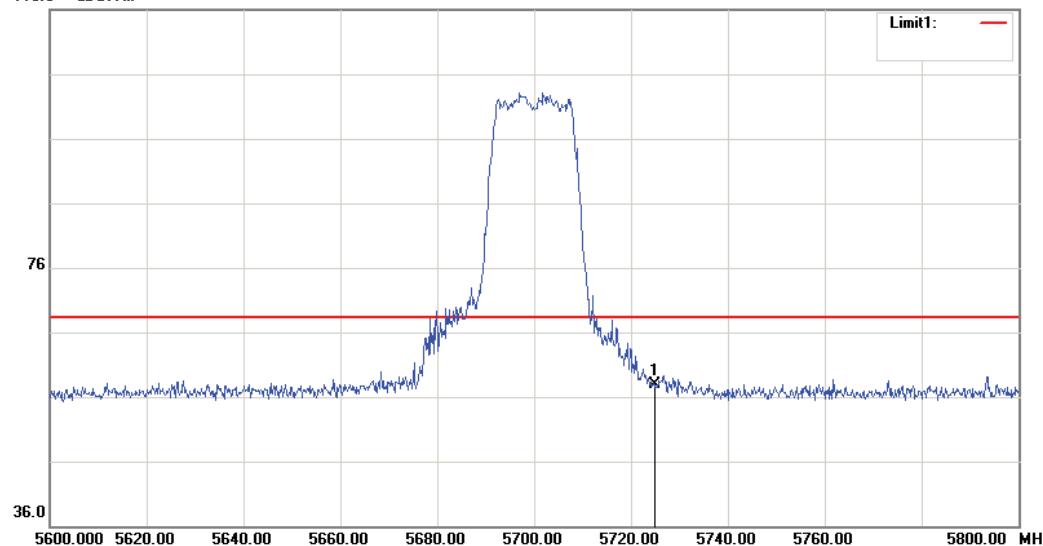
116.0 dBuV/m



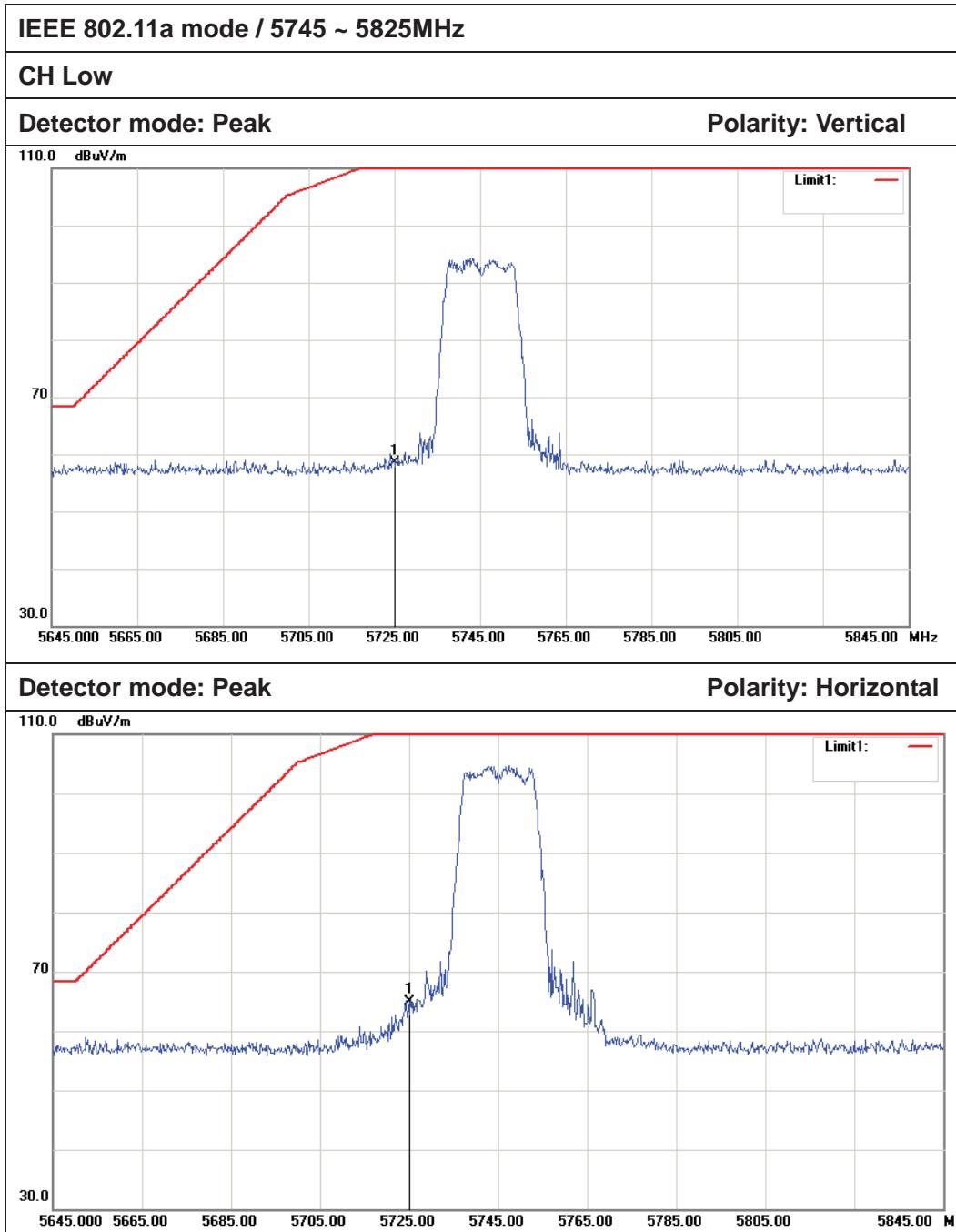
Detector mode: Peak

Polarity: Horizontal

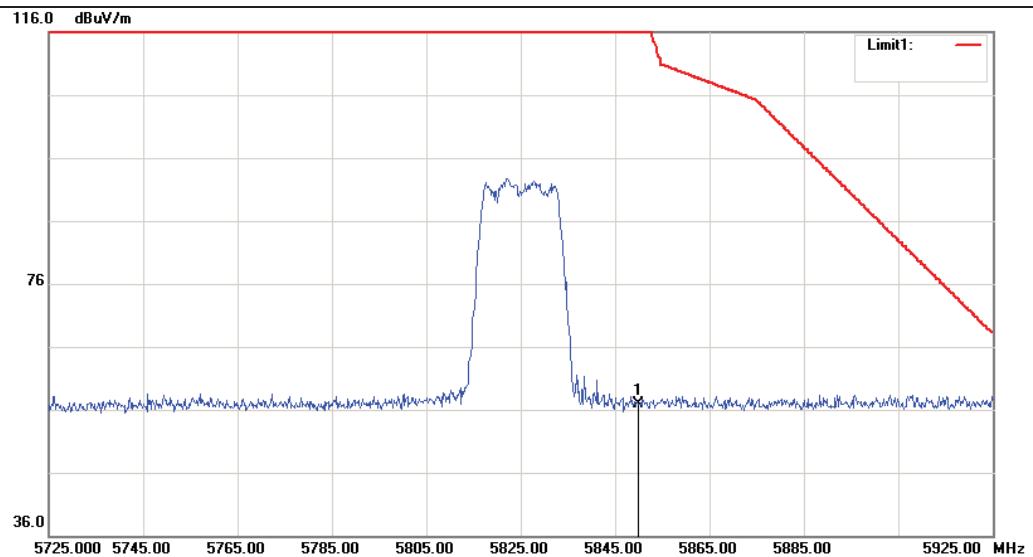
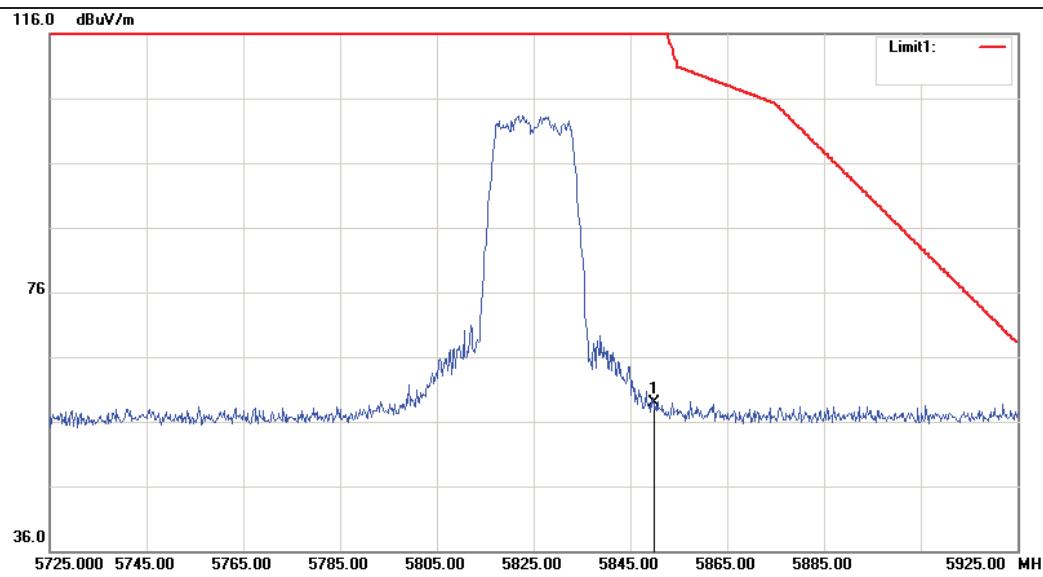
116.0 dBuV/m



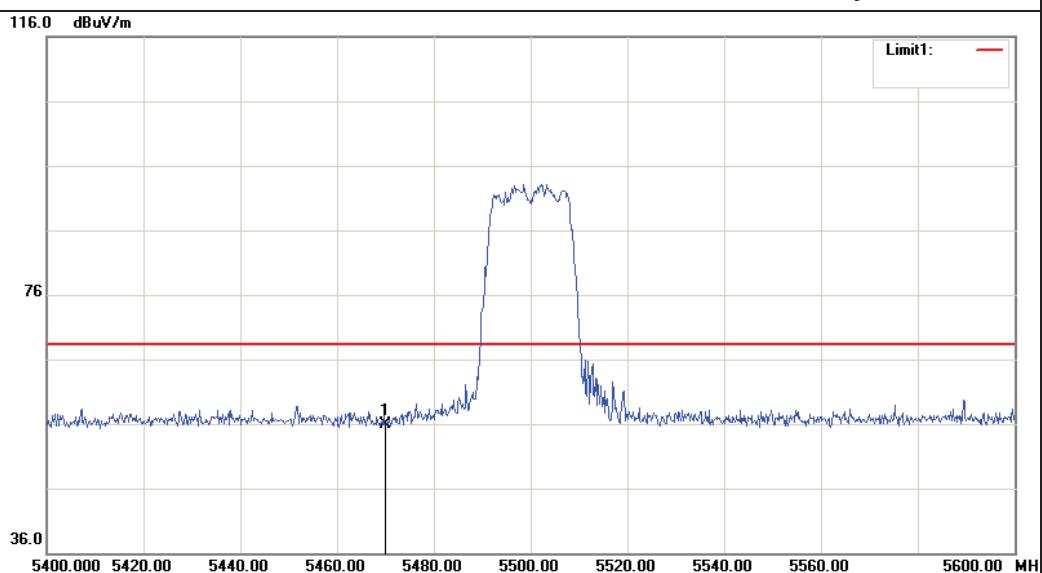
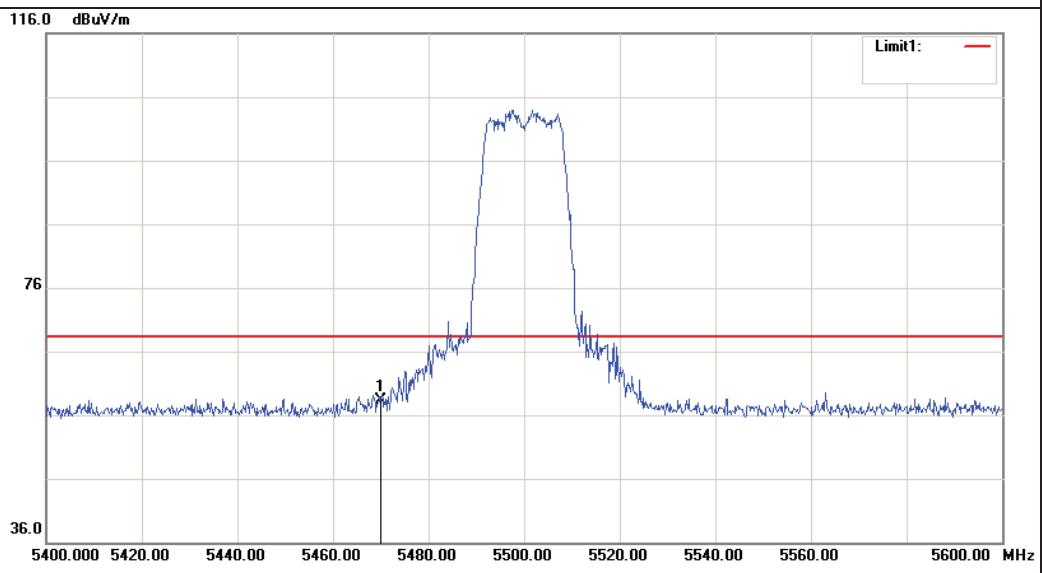
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.03	5.96	55.99	68.20	-12.21	Peak	Vertical
2	5725.000	51.97	5.96	57.93	68.20	-10.27	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	52.63	5.96	58.59	122.20	-63.61	Peak	Vertical
2	5725.000	58.95	5.96	64.91	122.20	-57.29	Peak	Horizontal

**IEEE 802.11a mode / 5745 ~ 5825MHz****CH High****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	50.97	6.02	56.99	122.20	-65.21	Peak	Vertical
2	5850.000	52.83	6.02	58.85	122.20	-63.35	Peak	Horizontal

**Antenna 1****IEEE 802.11a mode / 5500 ~ 5580MHz; 5660 ~ 5700MHz****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	50.15	5.82	55.97	68.20	-12.23	Peak	Vertical
2	5470.000	52.46	5.82	58.28	68.20	-9.92	Peak	Horizontal

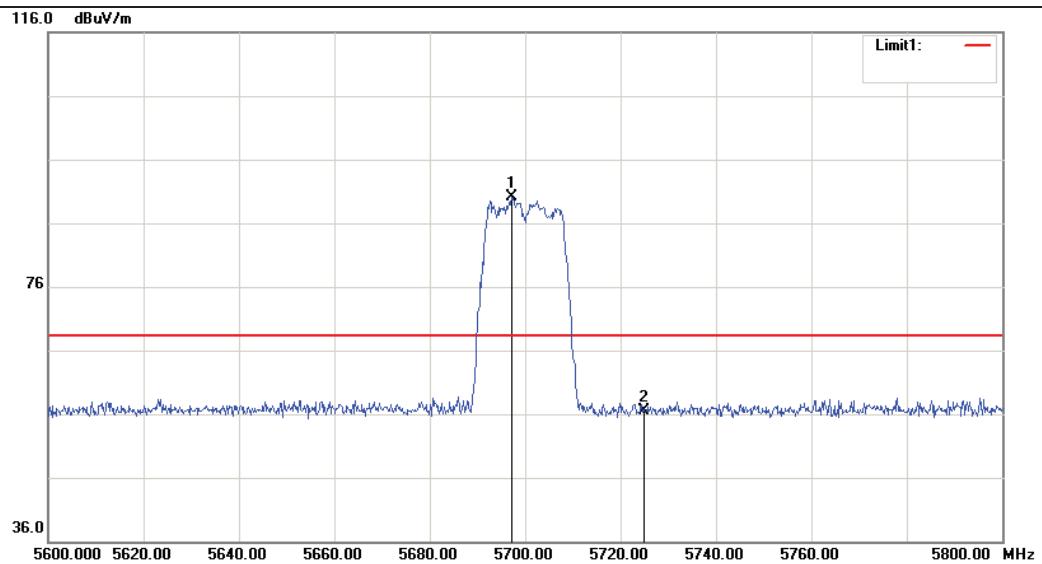


## IEEE 802.11a mode / 5500 ~ 5580MHz; 5660 ~ 5700MHz

CH High

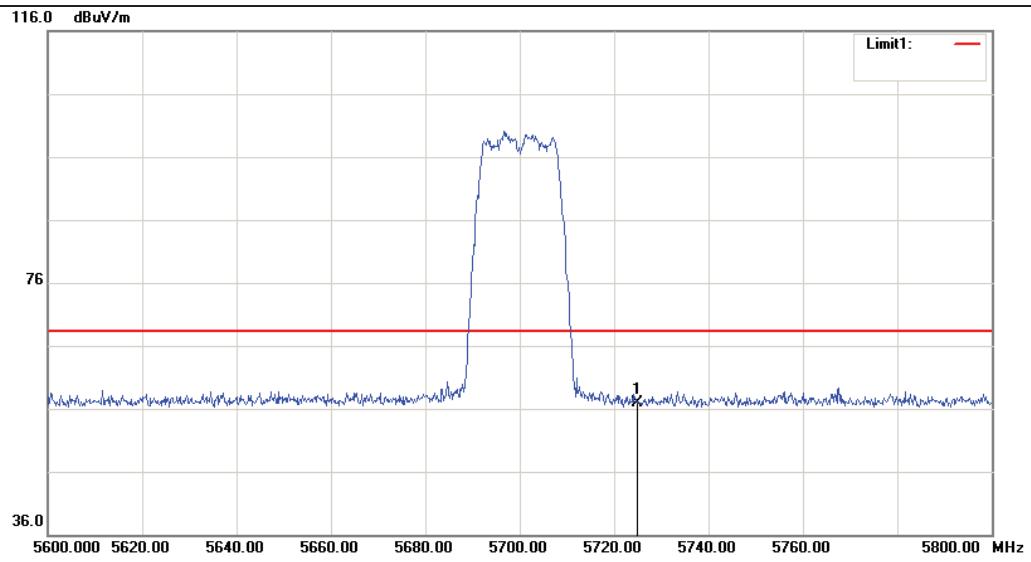
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5697.200	84.08	5.95	90.03	68.20	21.83	Peak	Vertical
2	5725.000	50.49	5.96	56.45	68.20	-11.75	Peak	Horizontal
3	5725.000	51.04	5.96	57.00	68.20	-11.20	Peak	Horizontal

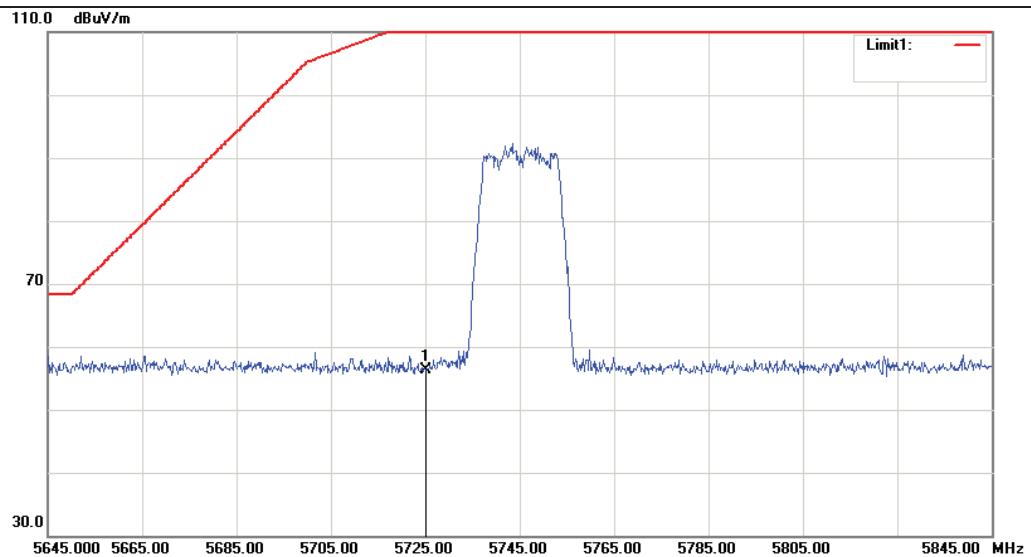


## IEEE 802.11a mode / 5745 ~ 5825MHz

CH Low

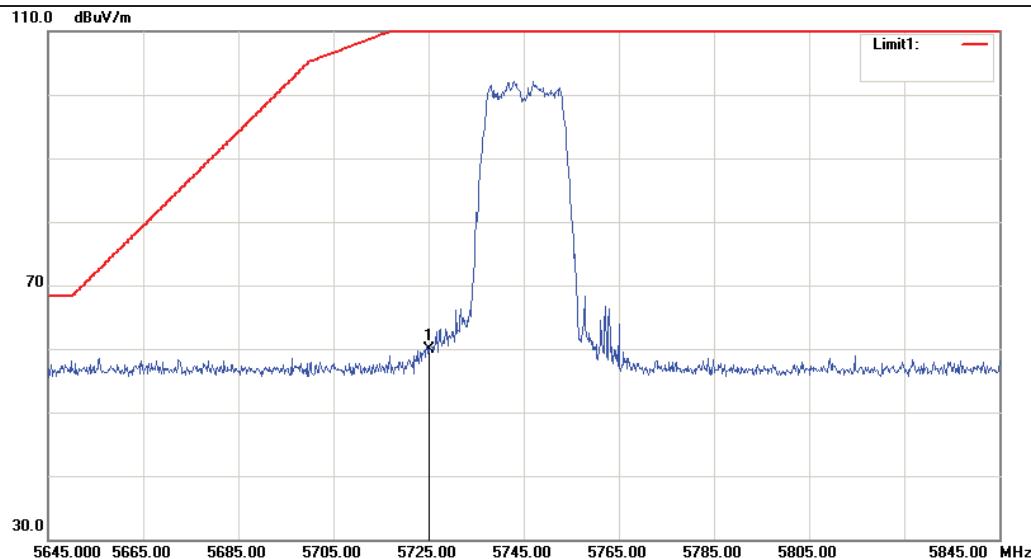
Detector mode: Peak

Polarity: Vertical

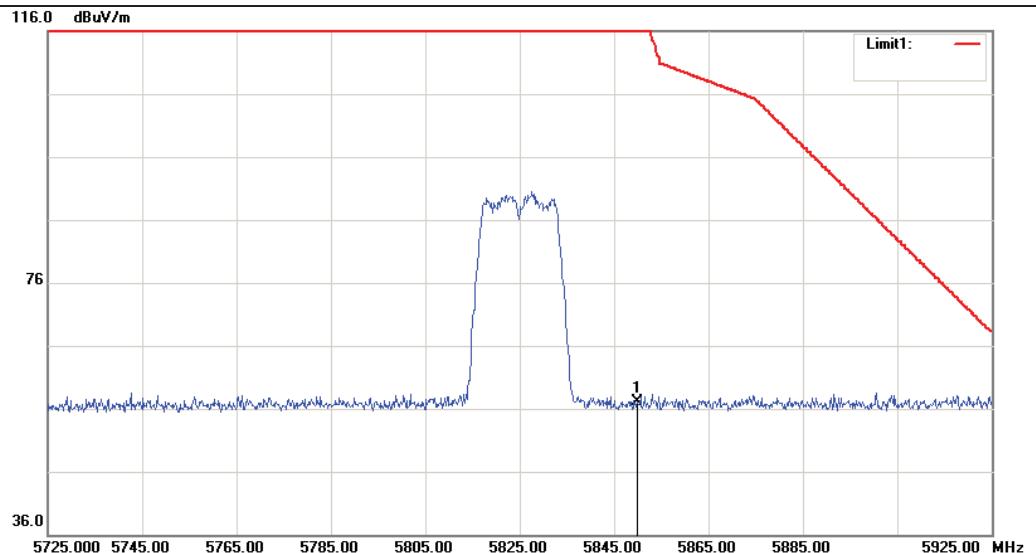
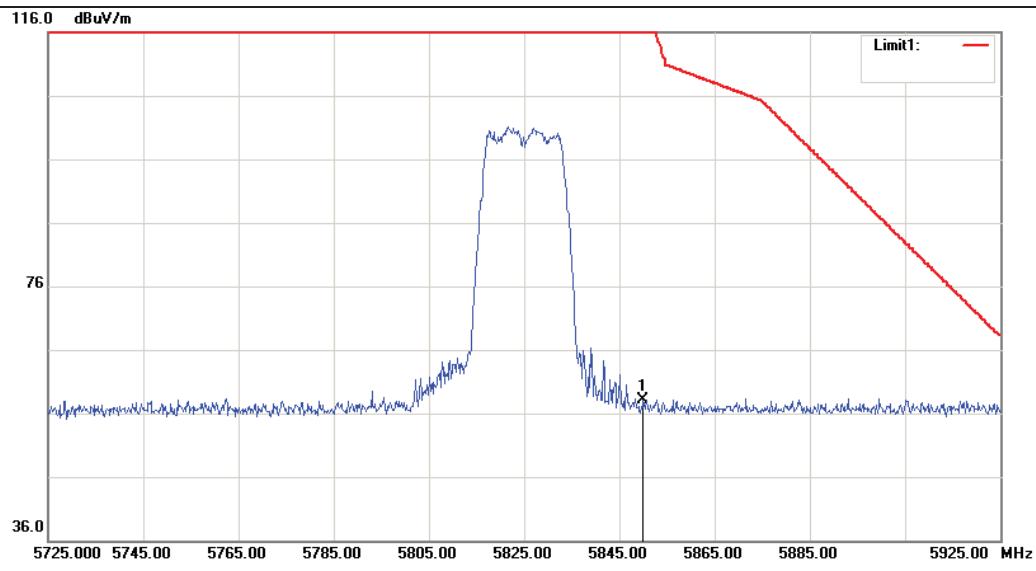


Detector mode: Peak

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.32	5.96	56.28	122.20	-65.92	Peak	Vertical
2	5725.000	53.94	5.96	59.90	122.20	-62.30	Peak	Horizontal

**IEEE 802.11a mode / 5745 ~ 5825MHz****CH High****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	51.06	6.02	57.08	122.20	-65.12	Peak	Vertical
2	5850.000	52.14	6.02	58.16	122.20	-64.04	Peak	Horizontal



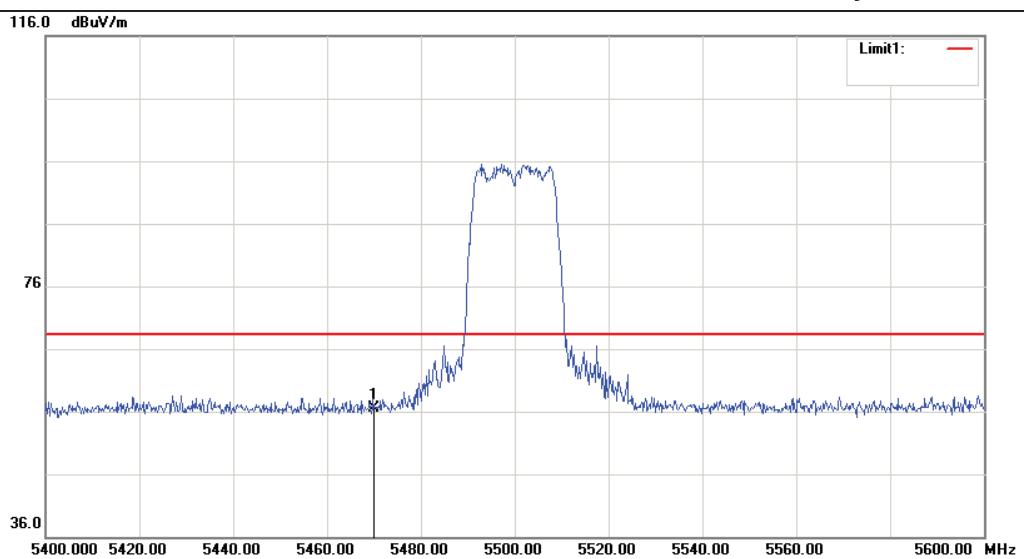
## Combine with Antenna 0 and Antenna 1

IEEE 802.11n HT 20 MHz mode / 5500 ~ 5580MHz; 5660 ~ 5700MHz

CH Low

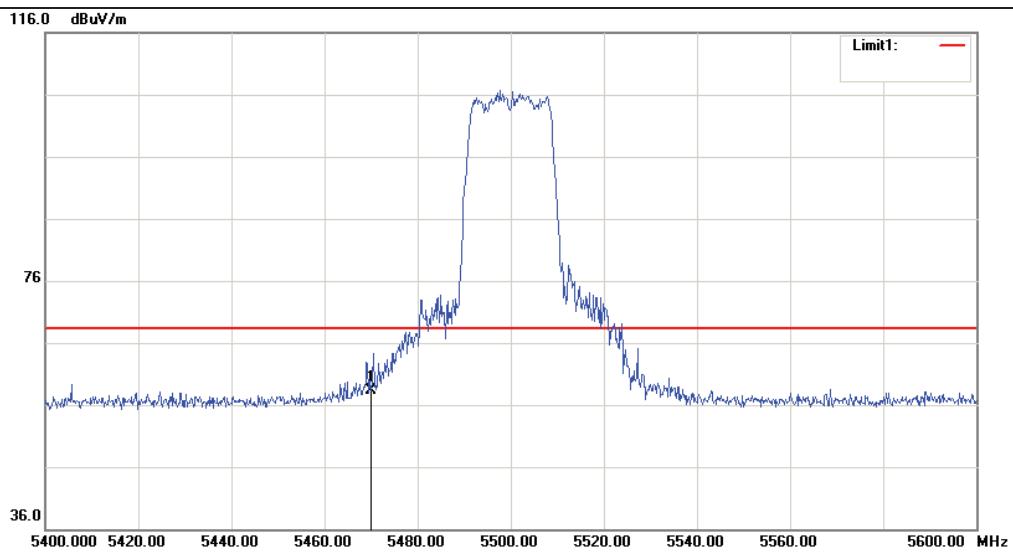
Detector mode: Peak

Polarity: Vertical

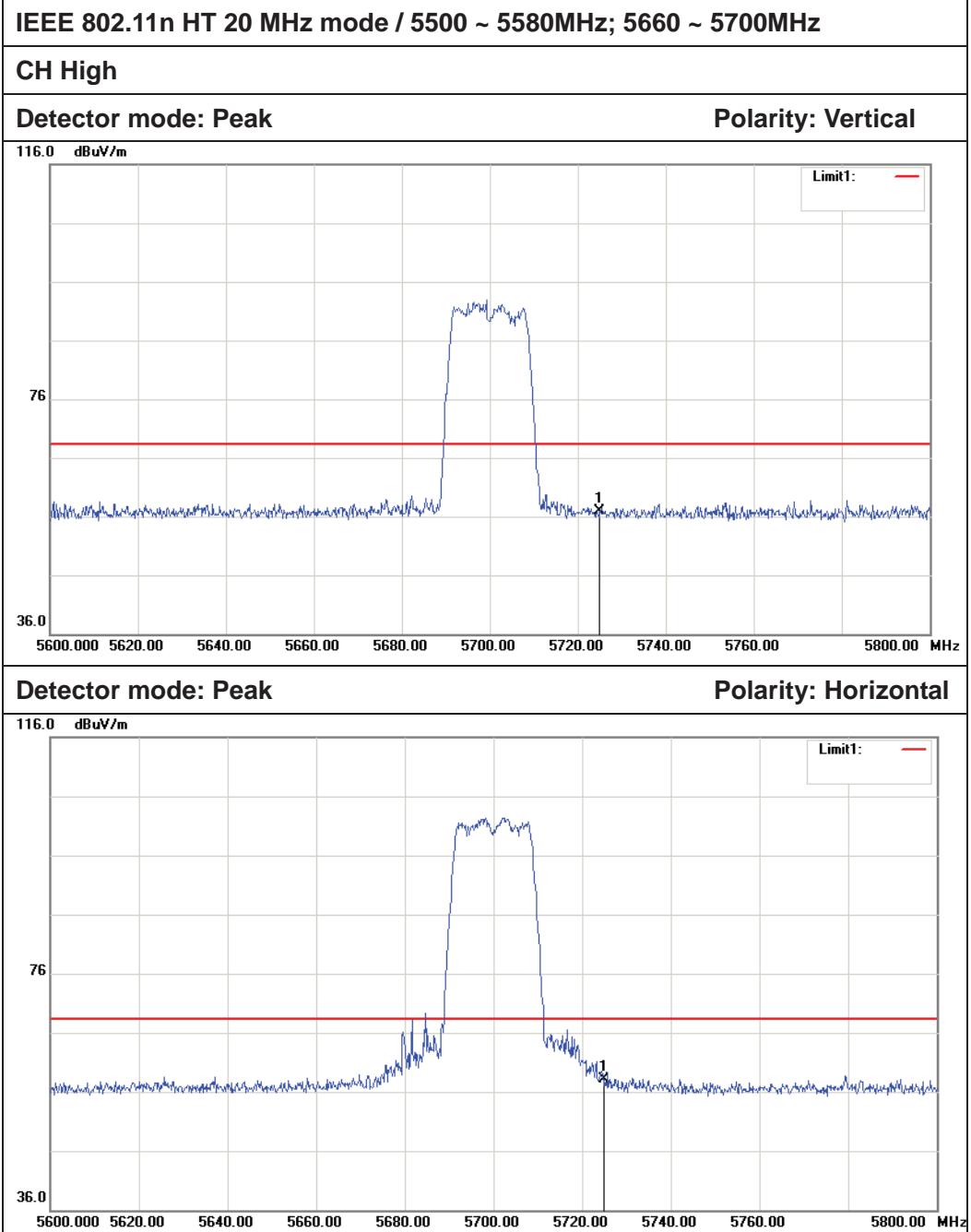


Detector mode: Peak

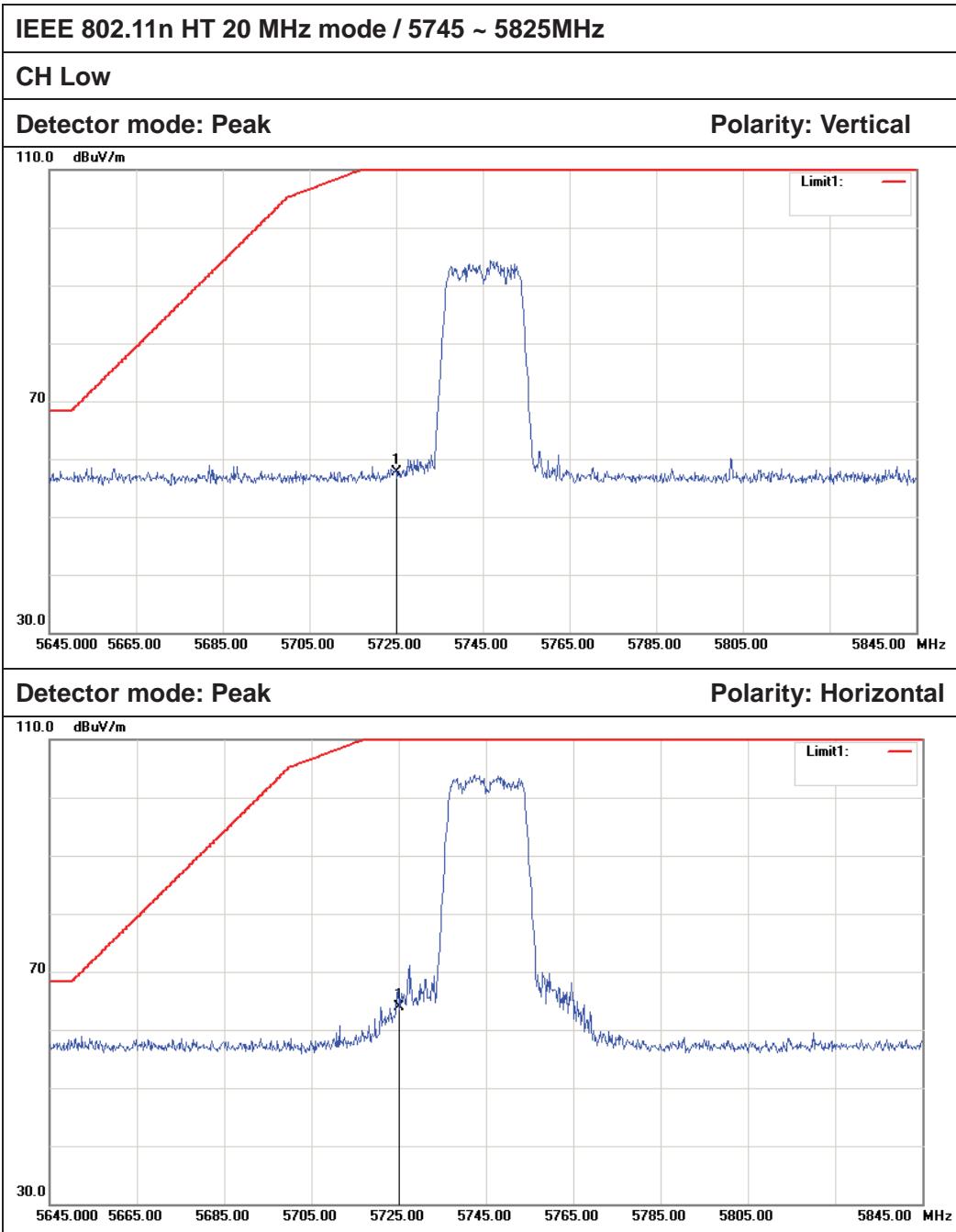
Polarity: Horizontal



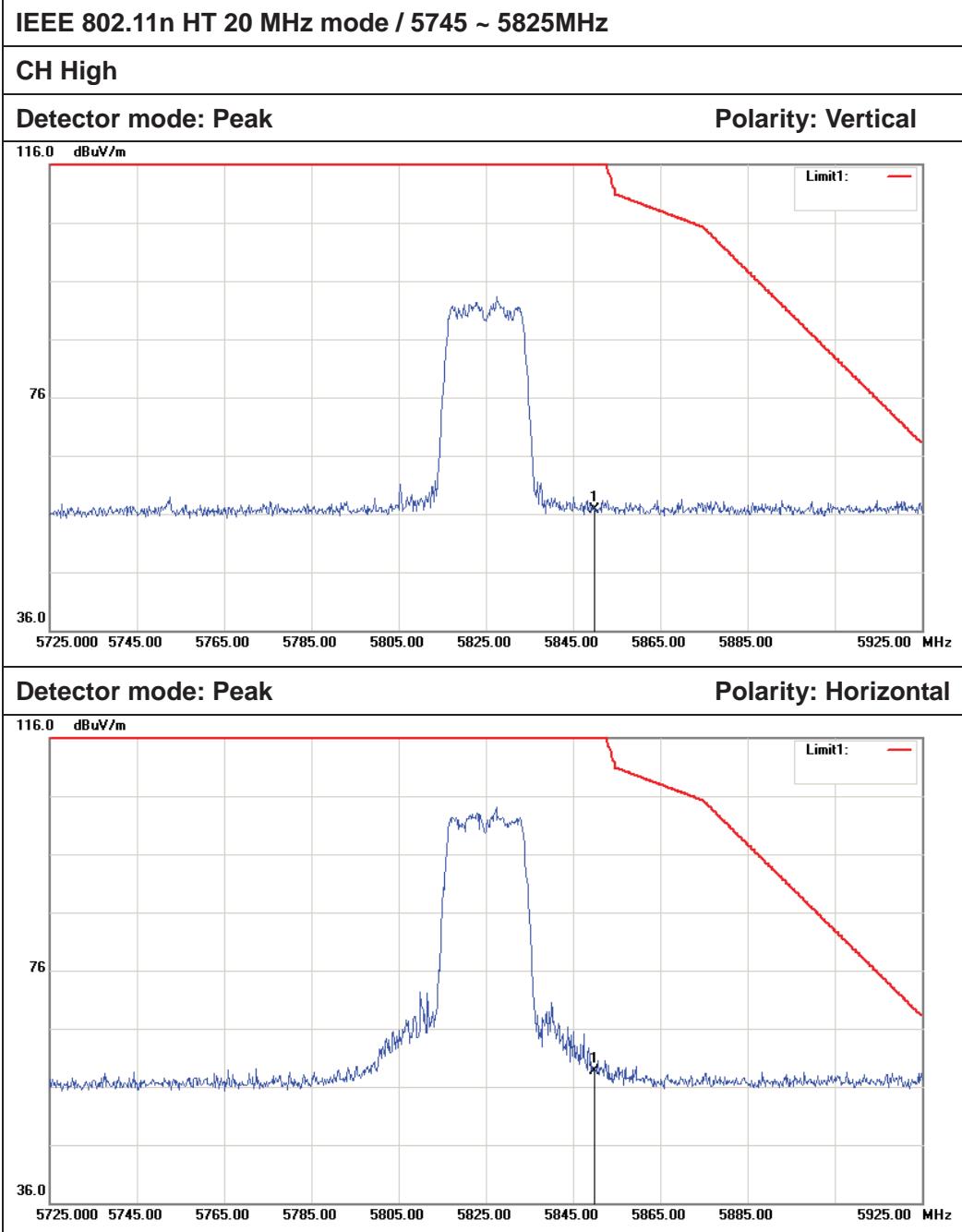
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	50.59	5.82	56.41	68.20	-11.79	Peak	Vertical
2	5470.000	52.50	5.82	58.32	68.20	-9.88	Peak	Horizontal



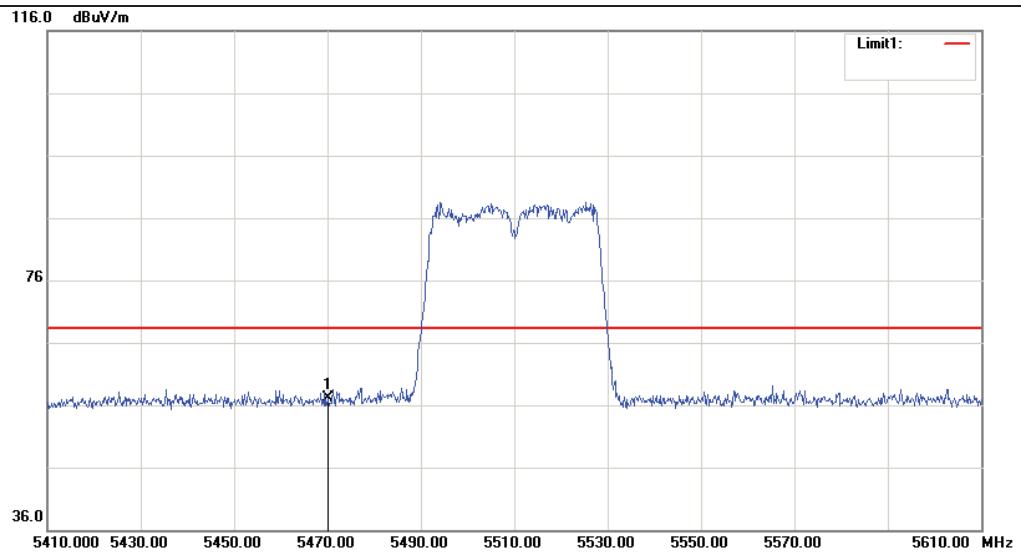
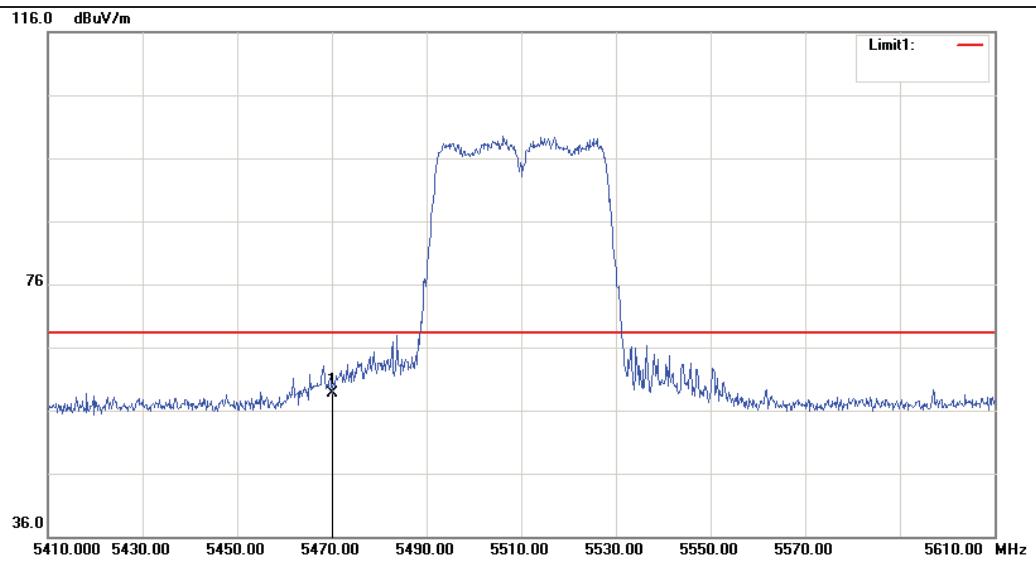
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.88	5.96	56.84	68.20	-11.36	Peak	Vertical
2	5725.000	52.22	5.96	58.18	68.20	-10.02	Peak	Horizontal



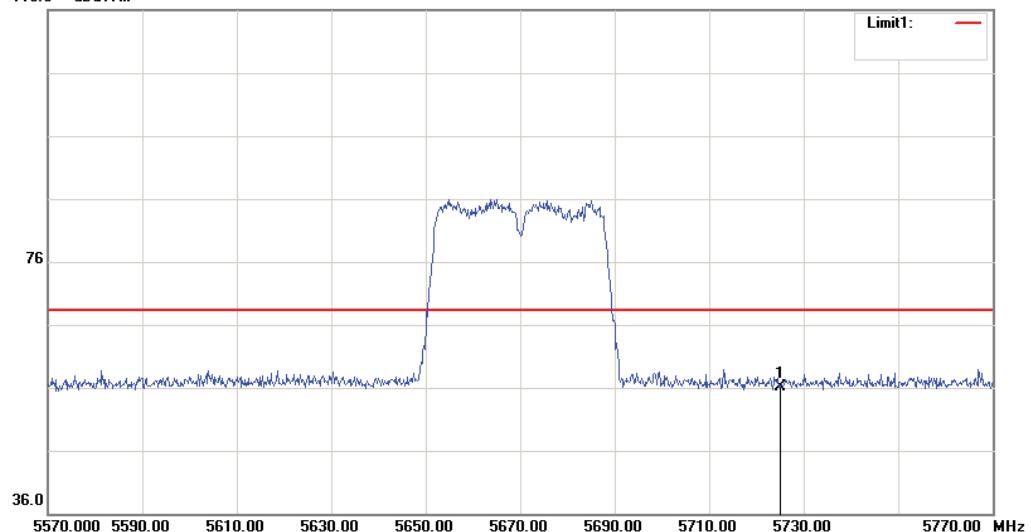
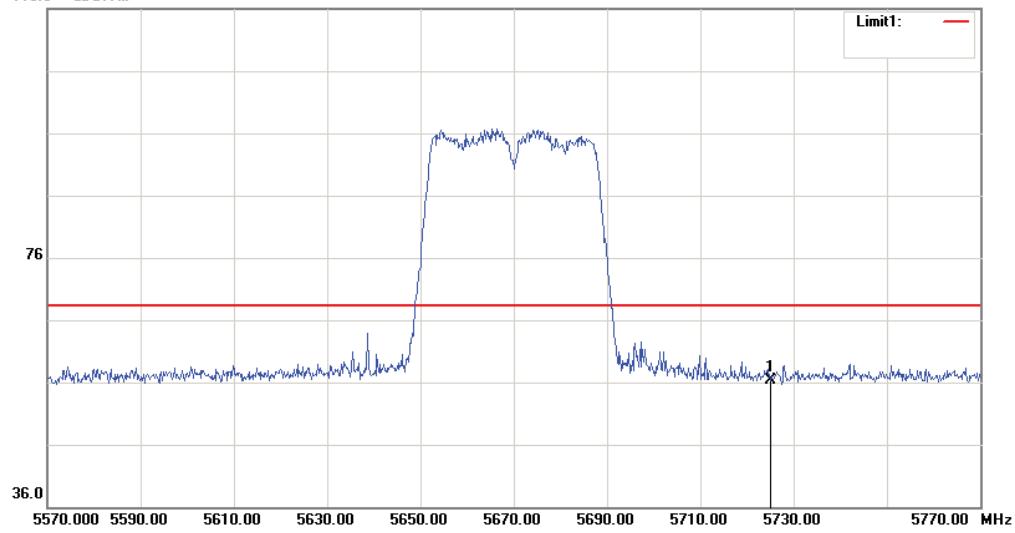
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	51.71	5.96	57.67	122.20	-64.53	Peak	Vertical
2	5725.000	57.94	5.96	63.90	122.20	-58.30	Peak	Horizontal



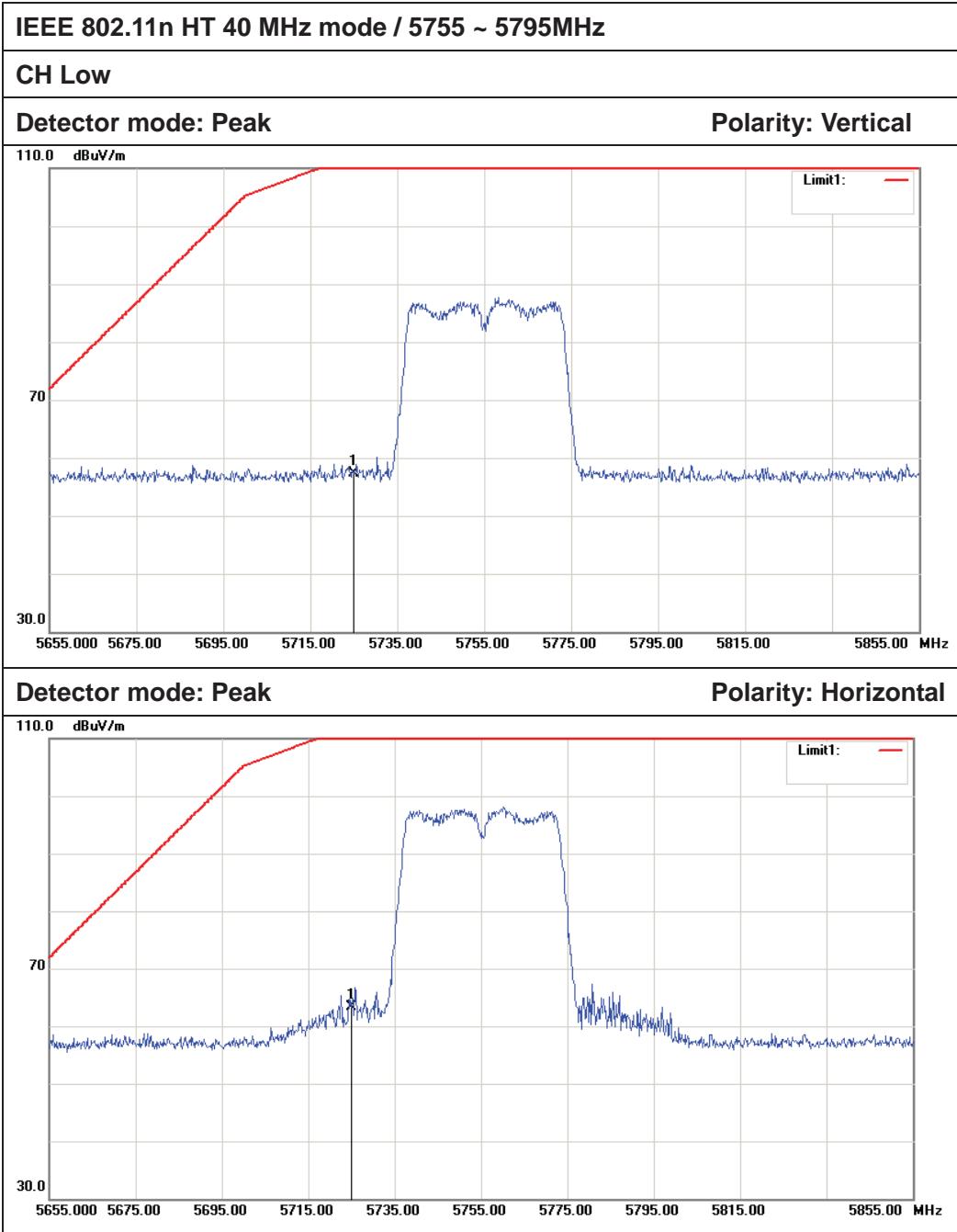
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	50.72	6.02	56.74	122.20	-65.46	Peak	Vertical
2	5850.000	52.78	6.02	58.80	122.20	-63.40	Peak	Horizontal

**IEEE 802.11n HT 40 MHz mode / 5510~5550MHz; 5670MHz****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	51.37	5.82	57.19	68.20	-11.01	Peak	Vertical
2	5470.000	52.89	5.82	58.71	68.20	-9.49	Peak	Horizontal

**IEEE 802.11n HT 40 MHz mode / 5510~5550MHz; 5670MHz****CH High****Detector mode: Peak****Polarity: Vertical**116.0 dB $\mu$ V/m**Detector mode: Peak****Polarity: Horizontal**116.0 dB $\mu$ V/m

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.21	5.96	56.17	68.20	-12.03	Peak	Vertical
2	5725.000	50.40	5.96	56.36	68.20	-11.84	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	51.37	5.96	57.33	122.20	-64.87	Peak	Vertical
2	5725.000	57.28	5.96	63.24	122.20	-58.96	Peak	Horizontal

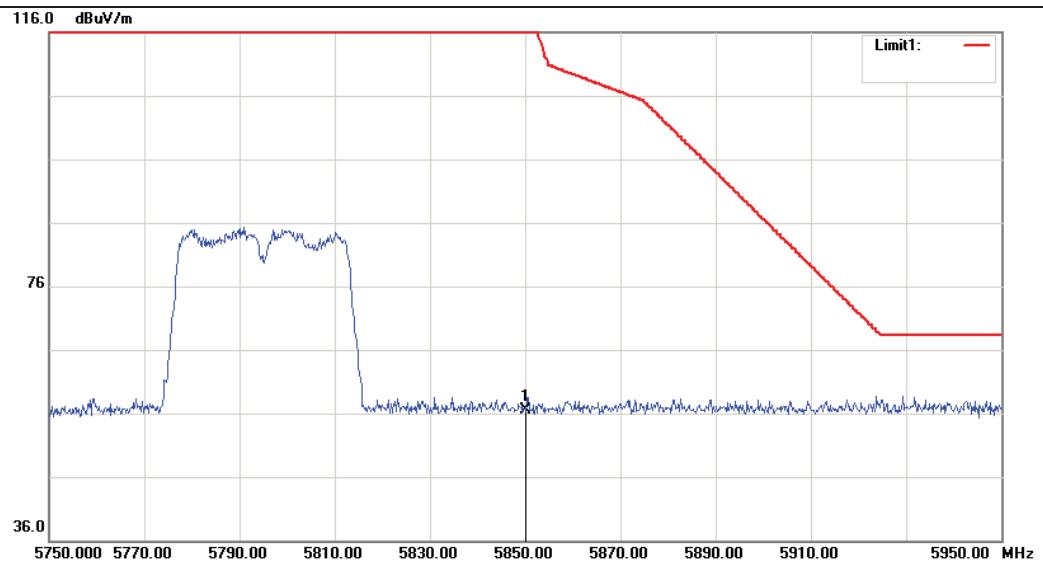


## IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz

CH High

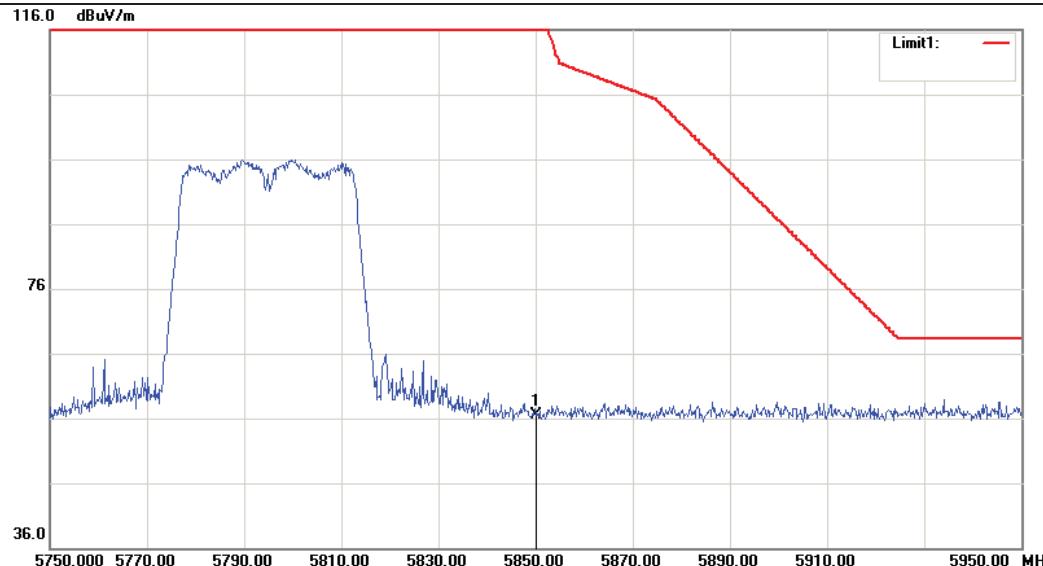
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

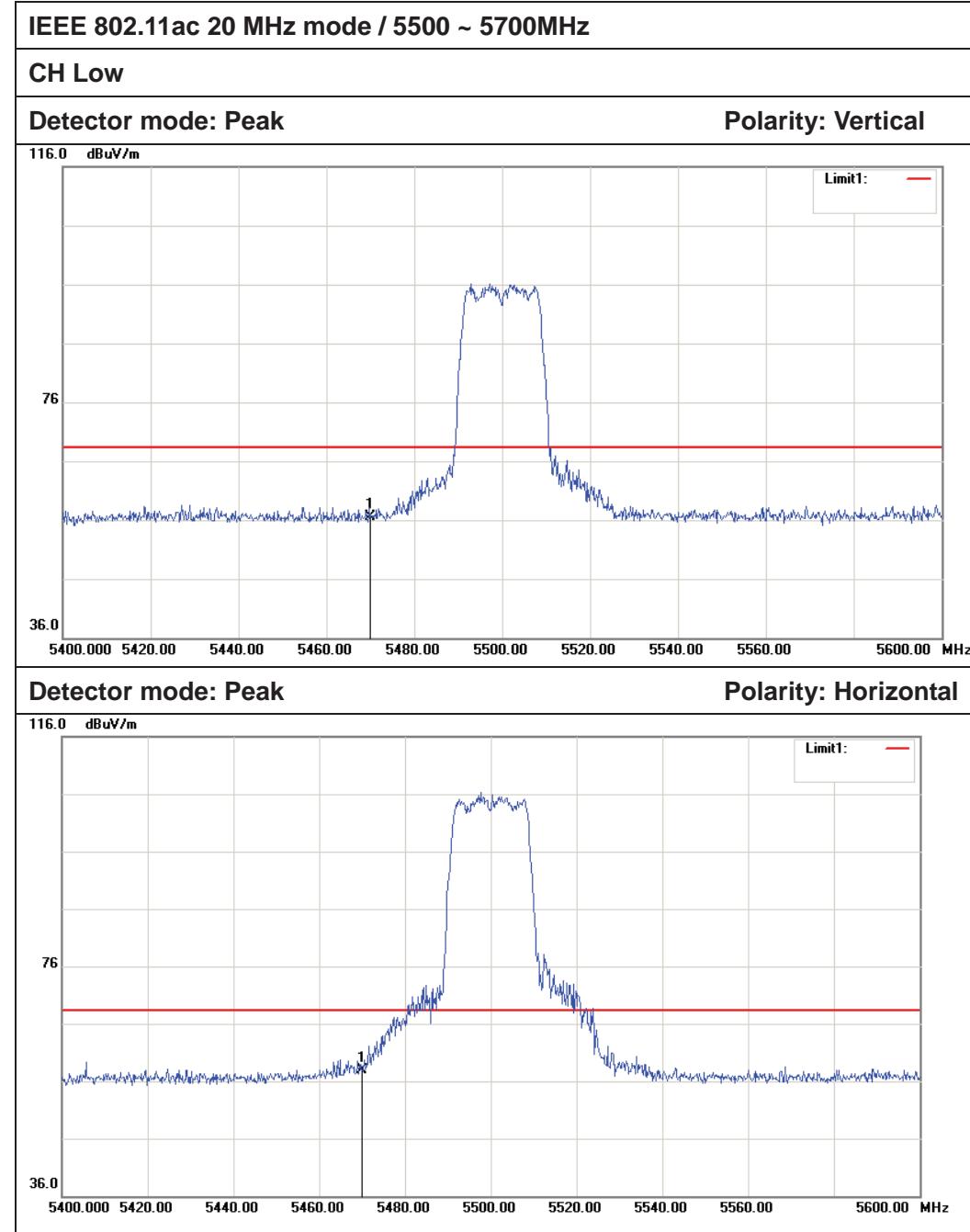
Polarity: Horizontal



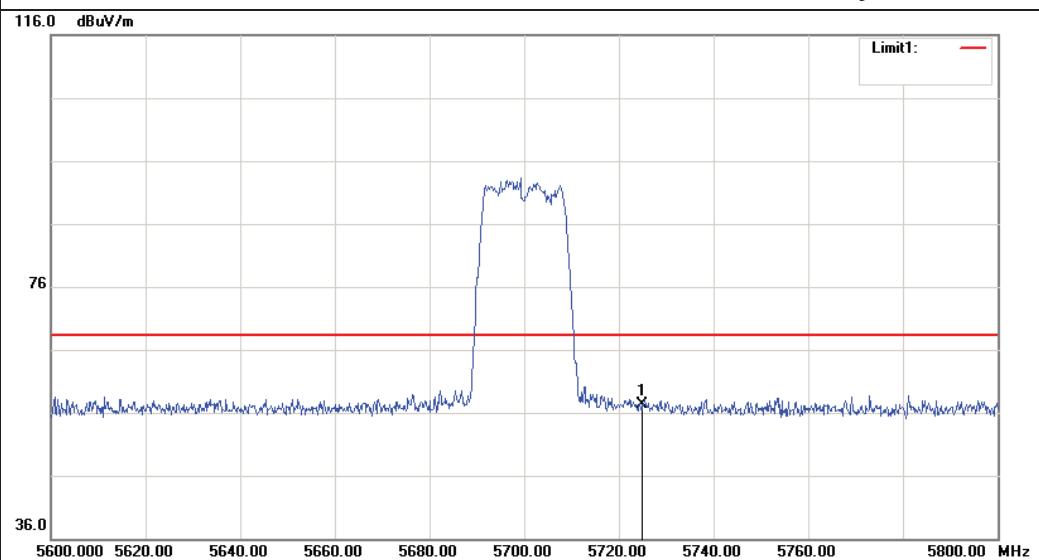
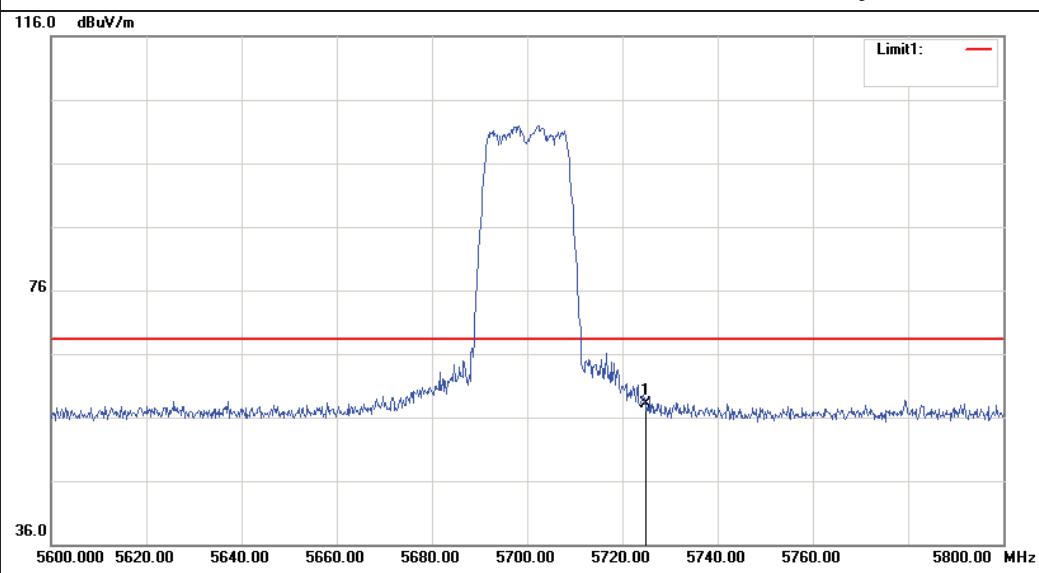
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	50.57	6.02	56.59	122.20	-65.61	Peak	Vertical
2	5850.000	50.39	6.02	56.41	122.20	-65.79	Peak	Horizontal



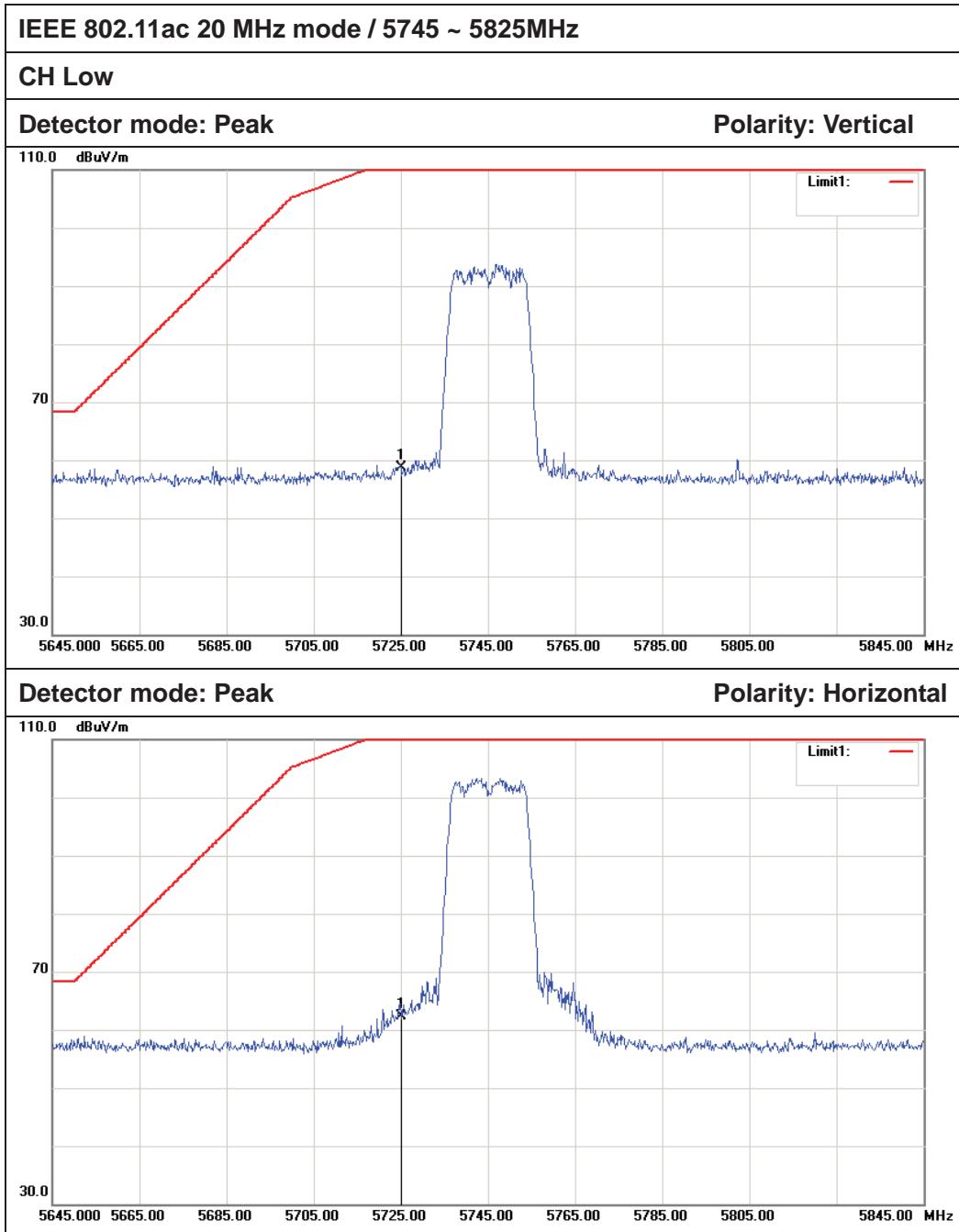
## Combine with Antenna 0 and Antenna 1



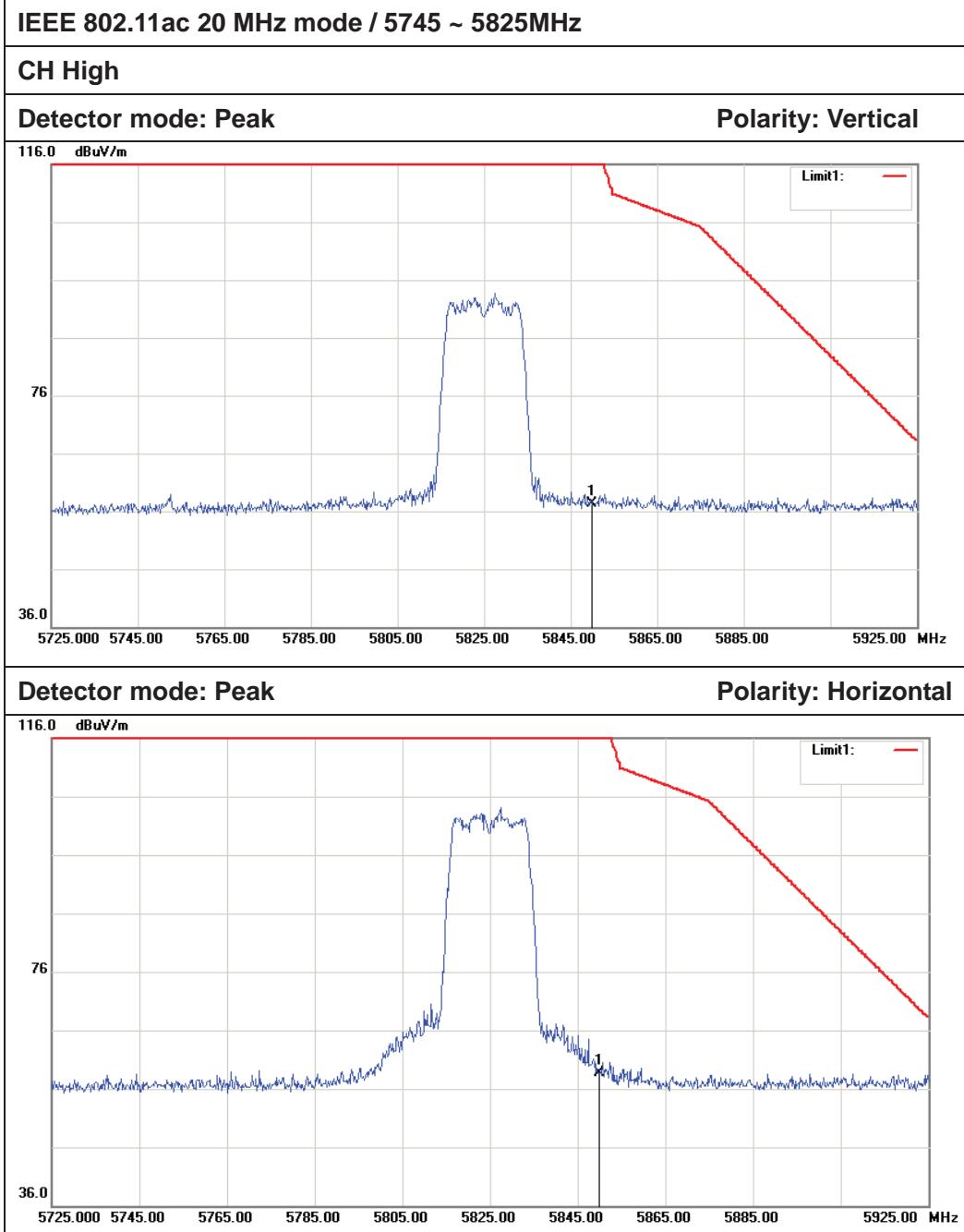
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	50.59	5.82	56.41	68.20	-11.79	Peak	Vertical
2	5470.000	52.00	5.82	57.82	68.20	-10.38	Peak	Horizontal

**IEEE 802.11ac 20 MHz mode / 5500 ~ 5700MHz****CH High****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

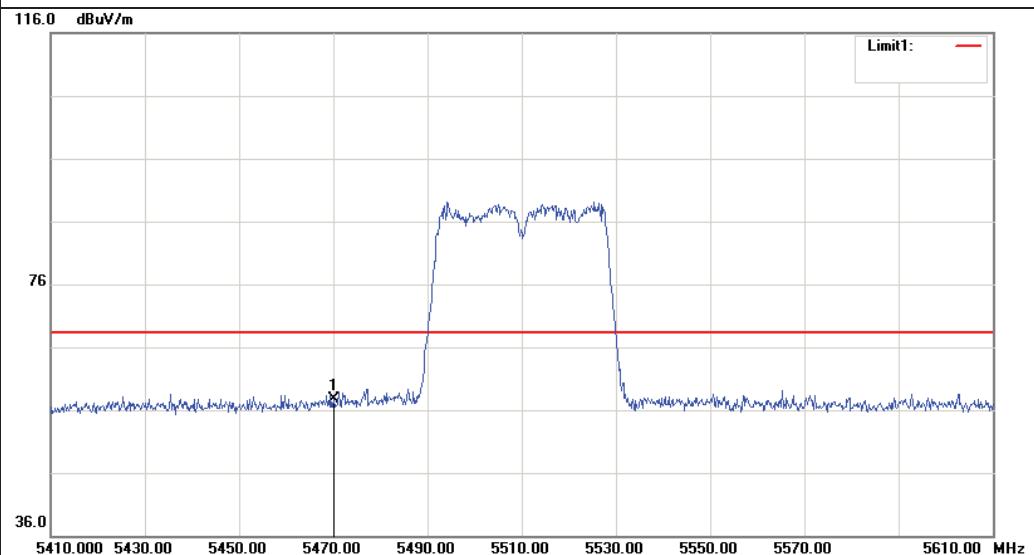
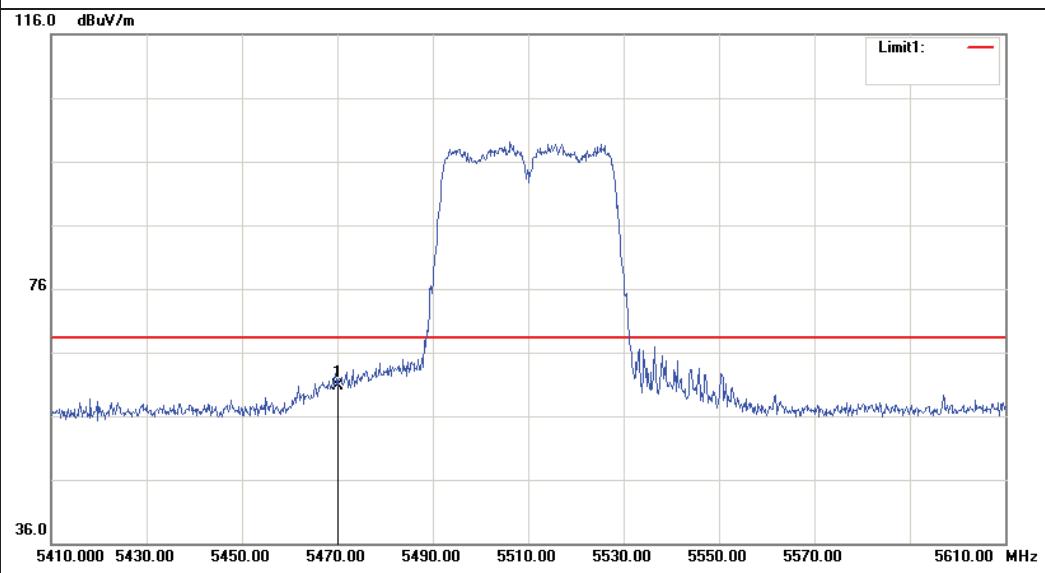
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	51.38	5.96	57.34	68.20	-10.86	Peak	Vertical
2	5725.000	52.22	5.96	58.18	68.20	-10.02	Peak	Horizontal



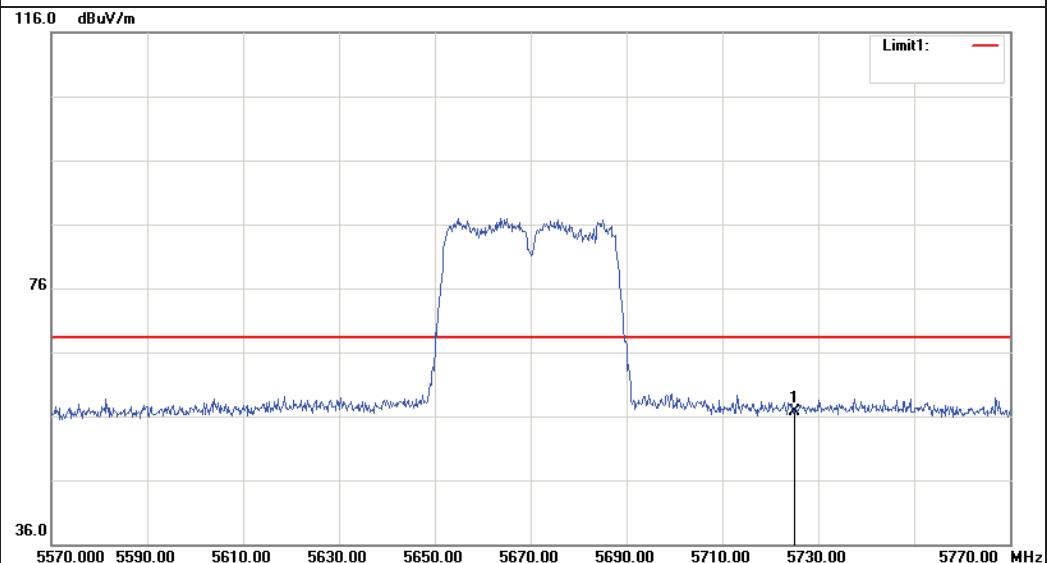
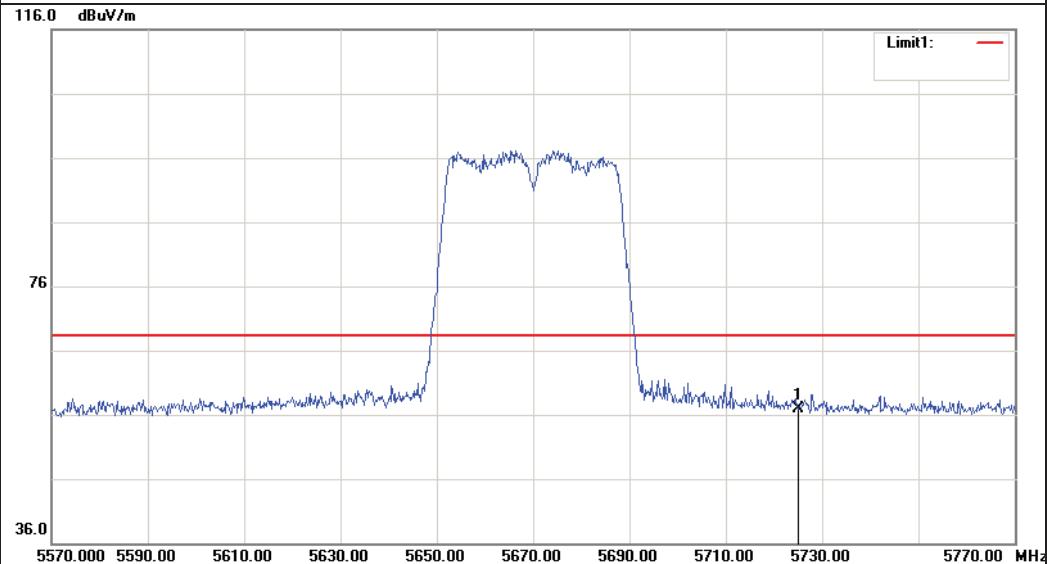
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	52.71	5.96	58.67	122.20	-63.53	Peak	Vertical
2	5725.000	56.44	5.96	62.40	122.20	-59.80	Peak	Horizontal



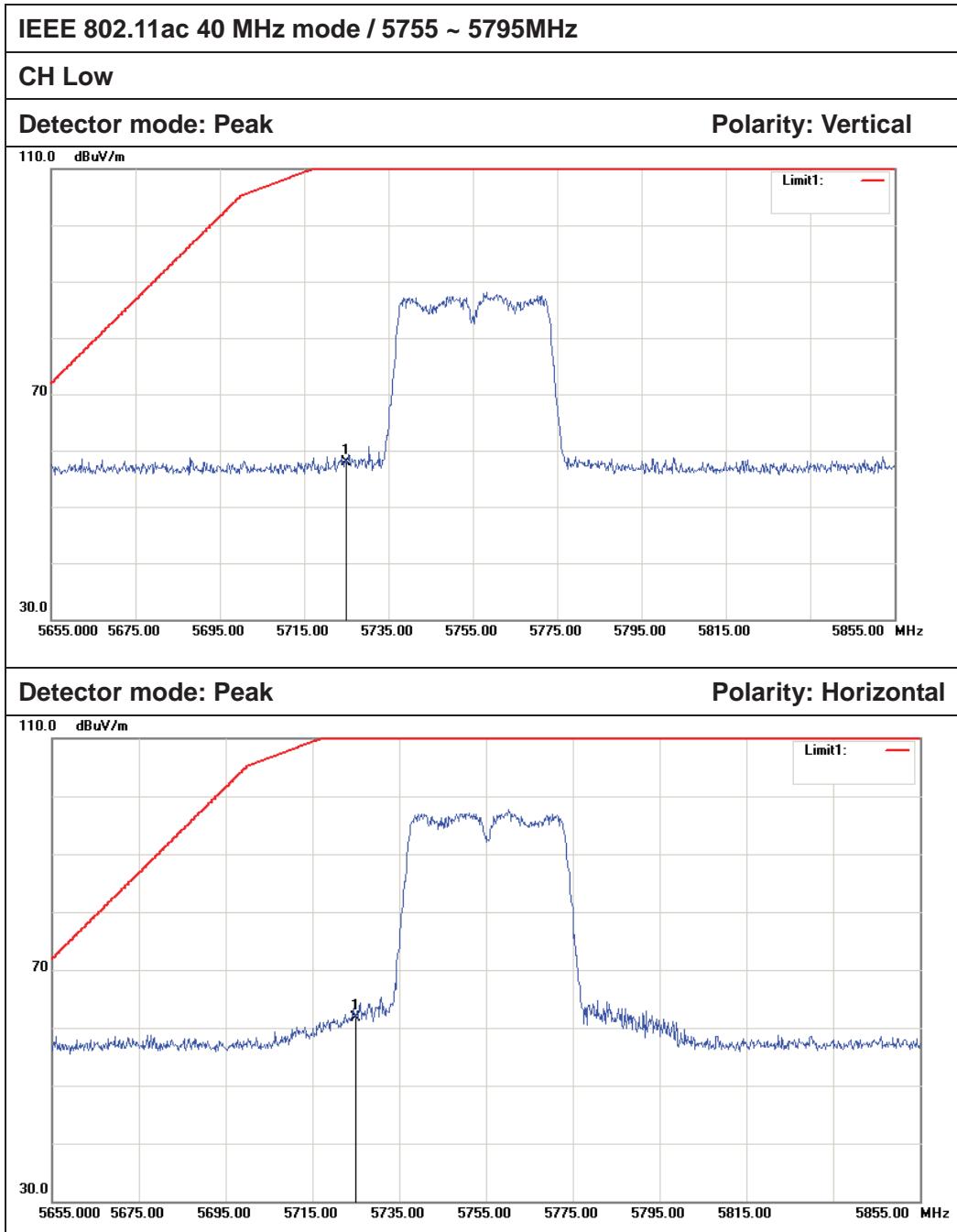
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	51.22	6.02	57.24	122.20	-64.96	Peak	Vertical
2	5850.000	52.78	6.02	58.80	122.20	-63.40	Peak	Horizontal

**IEEE 802.11ac 40 MHz mode / 5510~5670MHz****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

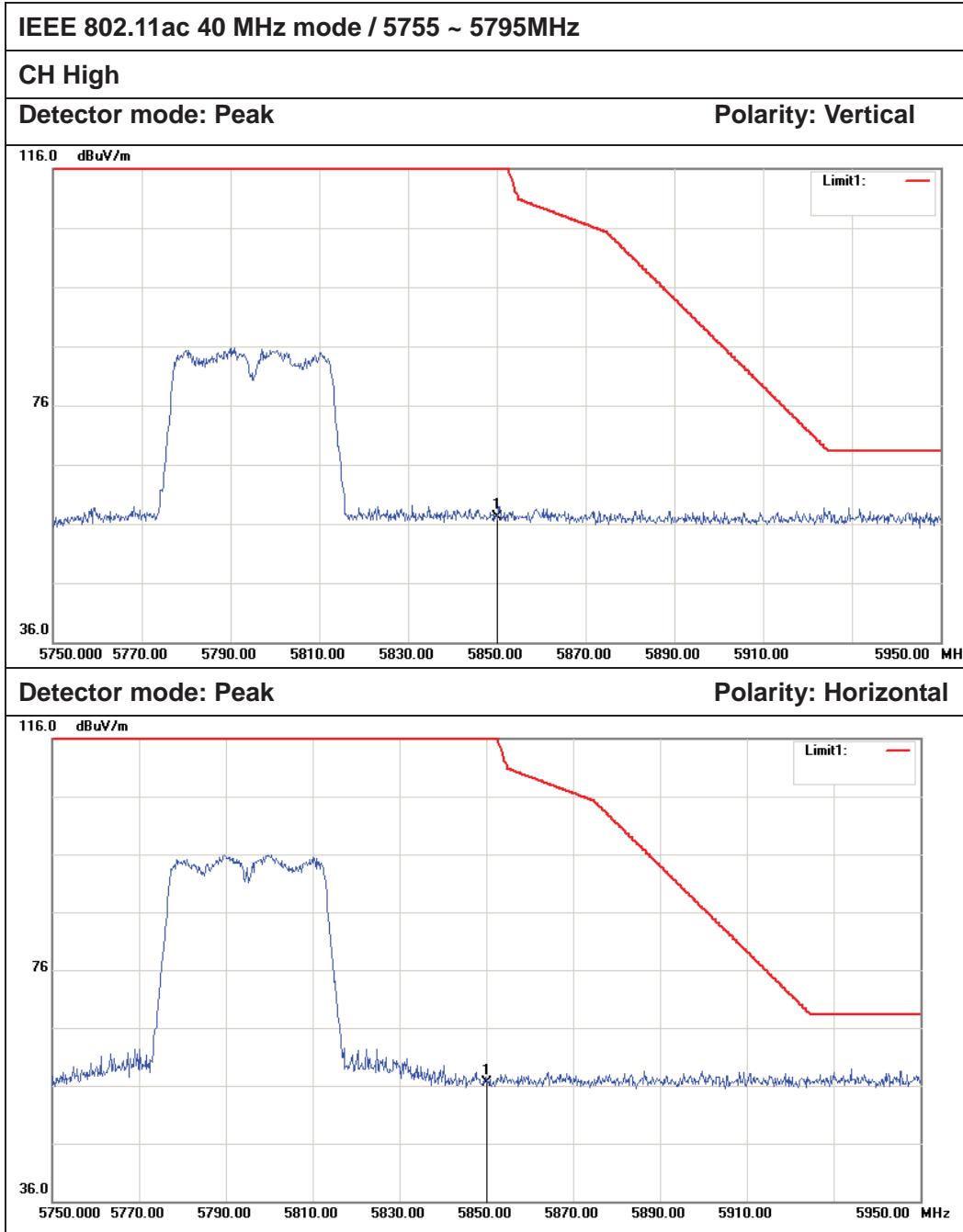
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	51.87	5.82	57.69	68.20	-10.51	Peak	Vertical
2	5470.000	54.89	5.82	60.71	68.20	-7.49	Peak	Horizontal

**IEEE 802.11ac 40 MHz mode / 5510~5670MHz****CH High****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.71	5.96	56.67	68.20	-11.53	Peak	Vertical
2	5725.000	50.90	5.96	56.86	68.20	-11.34	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	51.87	5.96	57.83	122.20	-64.37	Peak	Vertical
2	5725.000	55.78	5.96	61.74	122.20	-60.46	Peak	Horizontal



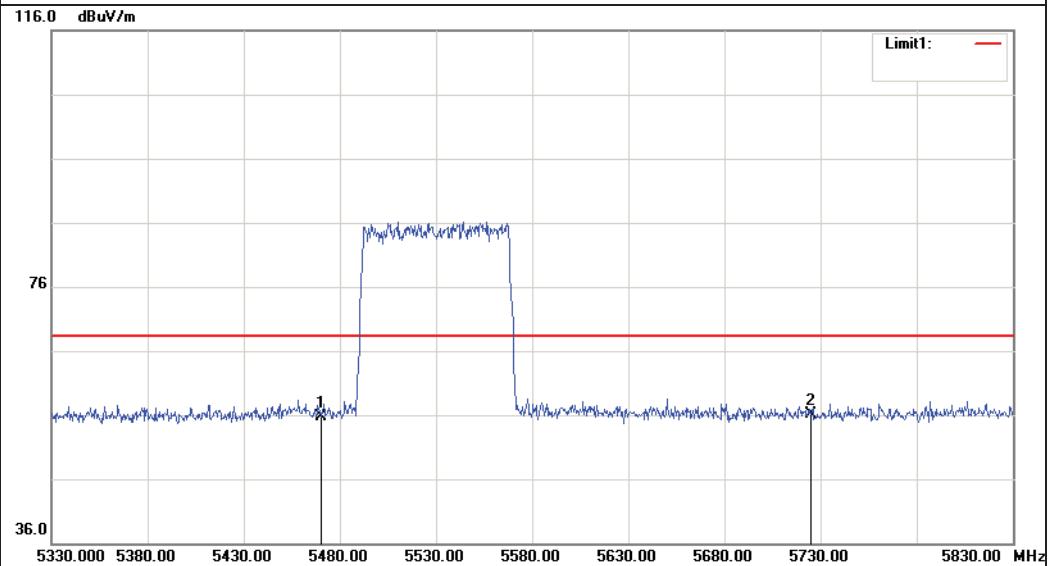
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	51.07	6.02	57.09	122.20	-65.11	Peak	Vertical
2	5850.000	50.39	6.02	56.41	122.20	-65.79	Peak	Horizontal



## IEEE 802.11ac 80 mode / 5530MHz

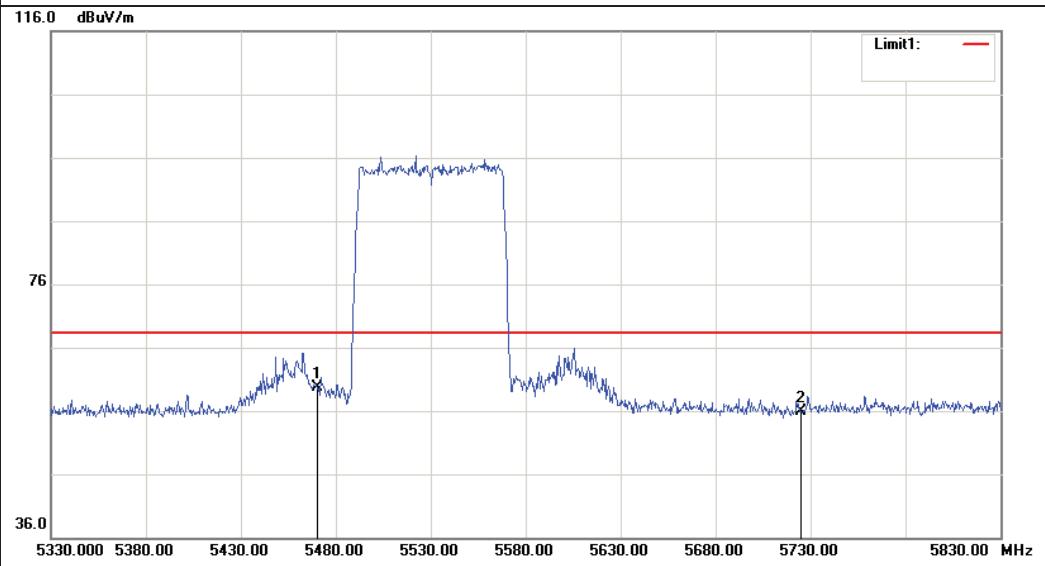
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

Polarity: Horizontal



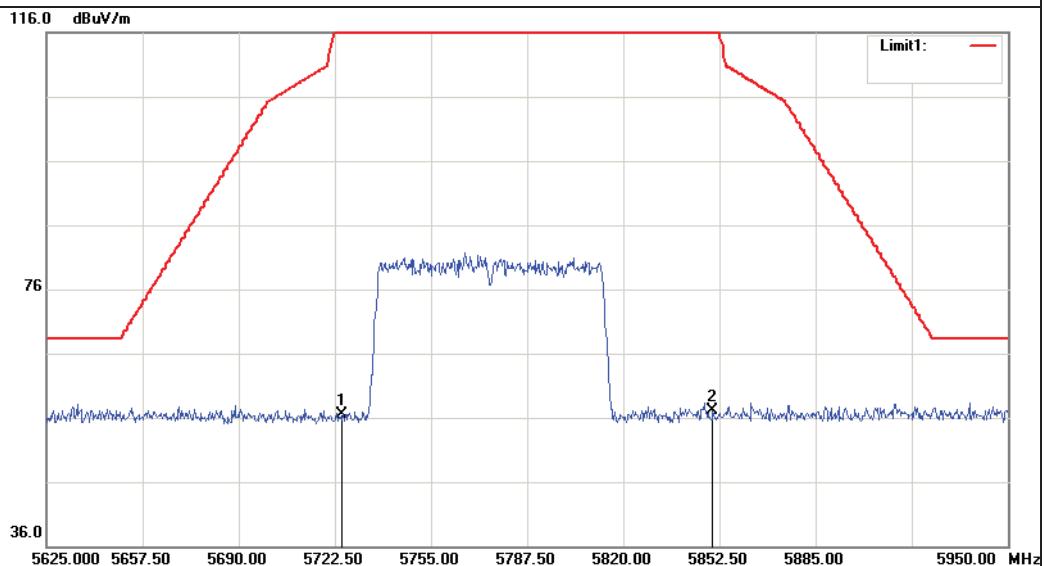
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	49.92	5.82	55.74	68.20	-12.46	Peak	Vertical
2	5725.000	50.13	5.96	56.09	68.20	-12.11	Peak	Vertical
1	5470.000	53.97	5.82	59.79	68.20	-8.41	Peak	Horizontal
2	5725.000	50.02	5.96	55.98	68.20	-12.22	Peak	Horizontal



## IEEE 802.11ac 80 mode / 5775MHz

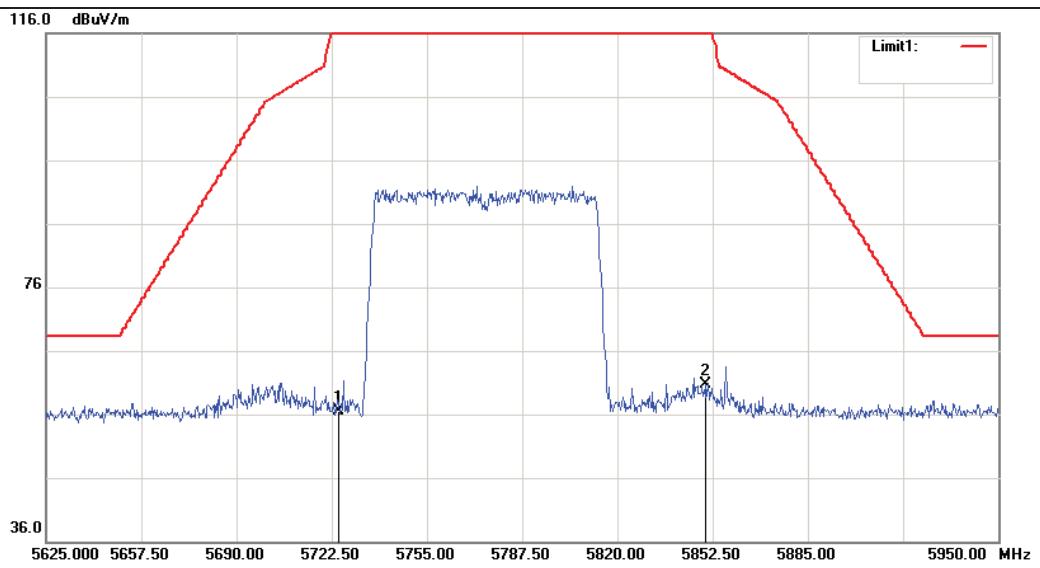
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	50.57	5.96	56.53	122.20	-65.67	Peak	Vertical
2	5850.000	51.09	6.02	57.11	122.20	-65.09	Peak	Vertical
1	5725.000	50.63	5.96	56.59	122.20	-65.61	Peak	Horizontal
2	5850.000	54.67	6.02	60.69	122.20	-61.51	Peak	Horizontal



## 6.9 POWERLINE CONDUCTED EMISSIONS

### 6.9.1 LIMIT

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

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

\* Decreases with the logarithm of the frequency.

### 6.9.2 TEST INSTRUMENTS

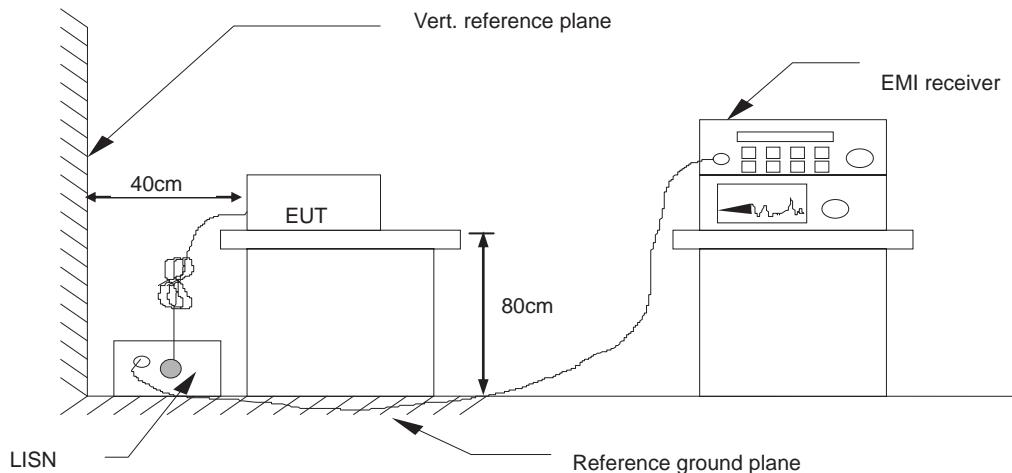
Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/11/2017	02/10/2018
LISN(EUT)	ROHDE&SCHWARZ	ENV216	101543-WX	02/11/2017	02/10/2018
LISN	EMCO	3825/2	8901-1459	02/12/2017	02/11/2018
Temp. / Humidity Meter	VICTOR	HTC-1	N/A	02/15/2017	02/14/2018
Test S/W	FARAD		EZ-EMC/ CCS-3A1-CE		

**NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. N.C.R = No Calibration Request.



### 6.9.3 TEST CONFIGURATION



### 6.9.4 TEST PROCEDURE

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

### 6.9.5 DATA SAMPLE

Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

Factor = Insertion loss of LISN + Cable Loss

Result = Quasi-peak Reading/ Average Reading + Factor

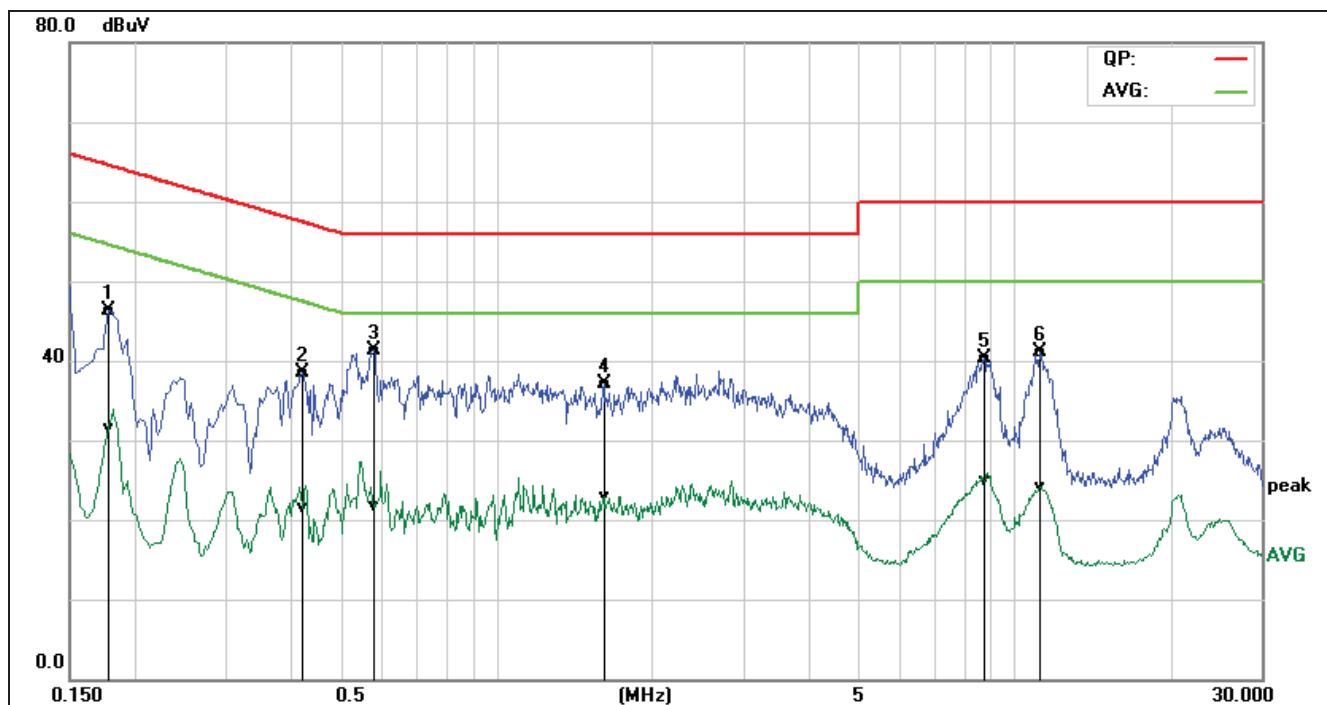
Limit = Limit stated in standard

Margin = Result (dBuV) – Limit (dBuV)



## 6.9.6 TEST RESULTS

Model No.	BeoSound Core	RBW,VBW	9 kHz
Environmental Conditions	26°C, 60% RH	Test Mode	Mode 1
Tested by	Sam Zeng	Line	L1
Test Date	June 26, 2017	Test Voltage	AC120V/60Hz

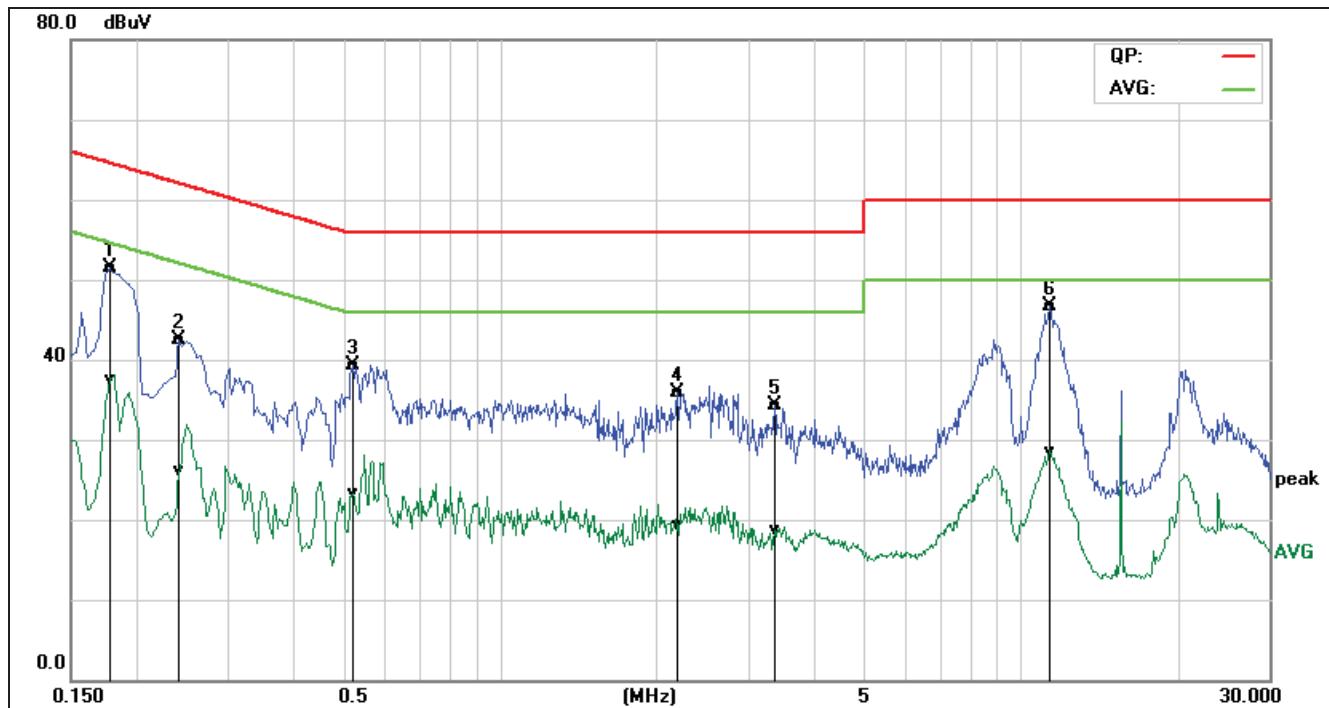


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1780	26.74	11.79	19.63	46.37	31.42	64.57	54.58	-18.20	-23.16	Pass	L1
0.4220	18.90	1.89	19.56	38.46	21.45	57.41	47.41	-18.95	-25.96	Pass	L1
0.5820	21.82	2.21	19.56	41.38	21.77	56.00	46.00	-14.62	-24.23	Pass	L1
1.6140	17.53	3.28	19.65	37.18	22.93	56.00	46.00	-18.82	-23.07	Pass	L1
8.7420	20.27	4.88	20.02	40.29	24.90	60.00	50.00	-19.71	-25.10	Pass	L1
11.2500	21.02	3.98	20.11	41.13	24.09	60.00	50.00	-18.87	-25.91	Pass	L1

REMARKS: L1 = Line One (Live Line)



Model No.	BeoSound Core	RBW,VBW	9 kHz
Environmental Conditions	26°C, 60% RH	Test Mode	Mode 1
Tested by	Sam Zeng	Line	L2
Test Date	June 26, 2017	Test Voltage	AC120V/60Hz

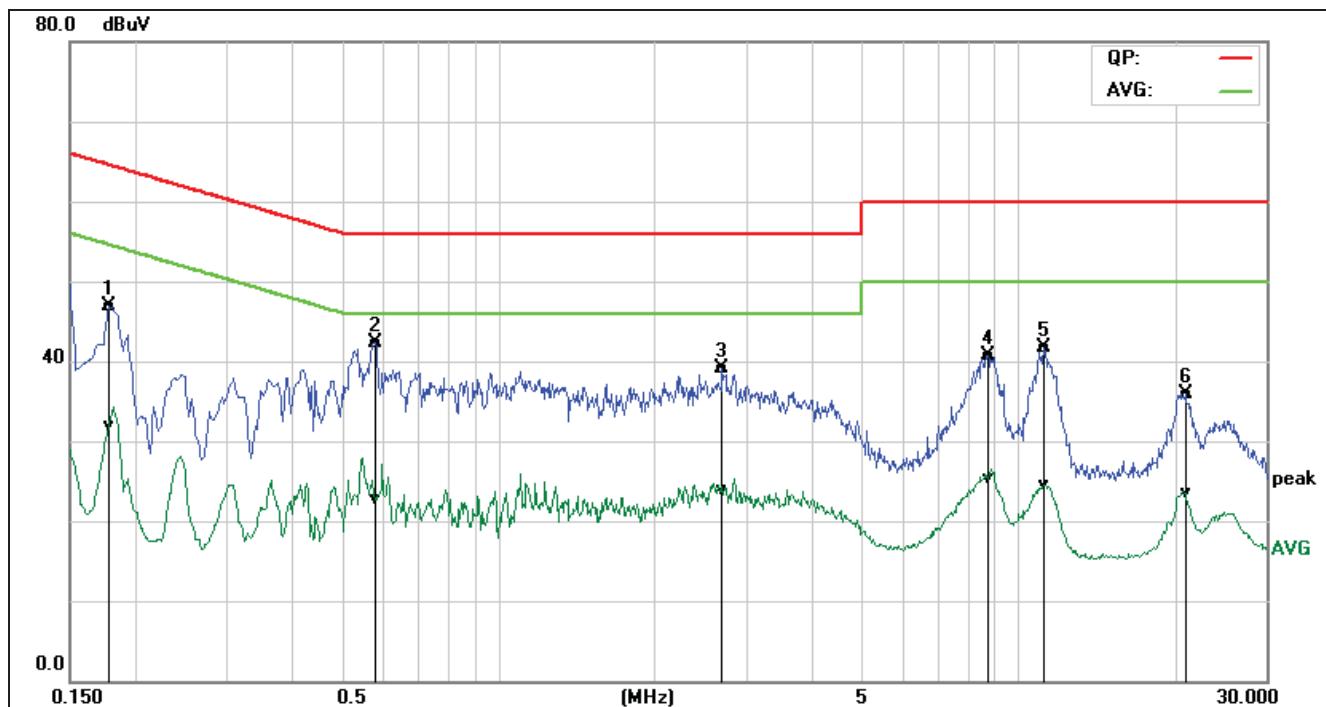


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1780	31.89	18.04	19.53	51.42	37.57	64.57	54.58	-13.15	-17.01	Pass	L2
0.2420	22.95	6.47	19.54	42.49	26.01	62.02	52.03	-19.53	-26.02	Pass	L2
0.5220	19.81	3.73	19.54	39.35	23.27	56.00	46.00	-16.65	-22.73	Pass	L2
2.1900	16.19	-0.41	19.73	35.92	19.32	56.00	46.00	-20.08	-26.68	Pass	L2
3.3740	14.58	-1.15	19.77	34.35	18.62	56.00	46.00	-21.65	-27.38	Pass	L2
11.3340	26.65	8.47	20.12	46.77	28.59	60.00	50.00	-13.23	-21.41	Pass	L2

**REMARKS:** L2 = Line Two (Neutral Line)



<b>Model No.</b>	BeoSound Core	<b>RBW,VBW</b>	9 kHz
<b>Environmental Conditions</b>	26°C, 60% RH	<b>Test Mode</b>	Mode 1
<b>Tested by</b>	Sam Zeng	<b>Line</b>	L1
<b>Test Date</b>	June 26, 2017	<b>Test Voltage</b>	AC240V/50Hz

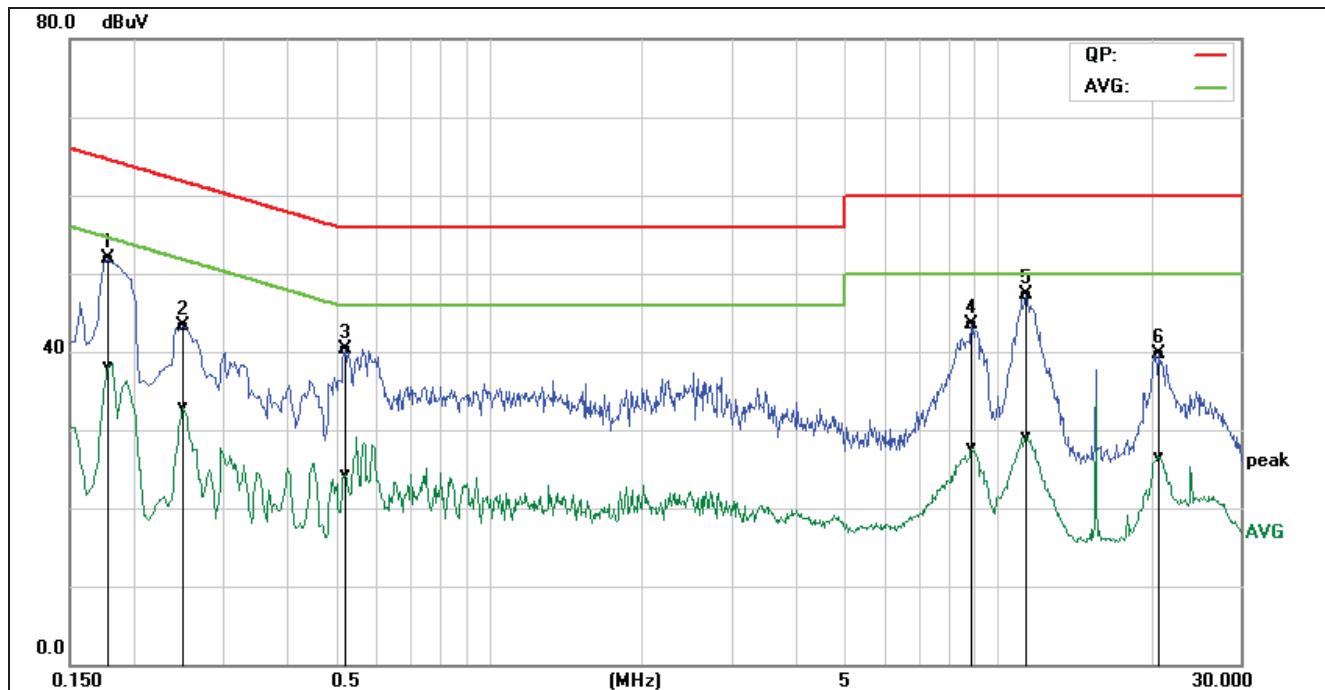


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1780	27.24	12.29	19.63	46.87	31.92	64.57	54.58	-17.70	-22.66	Pass	L1
0.5820	22.82	3.21	19.56	42.38	22.77	56.00	46.00	-13.62	-23.23	Pass	L1
2.6940	19.41	4.19	19.72	39.13	23.91	56.00	46.00	-16.87	-22.09	Pass	L1
8.7420	20.77	5.38	20.02	40.79	25.40	60.00	50.00	-19.21	-24.60	Pass	L1
11.2500	21.52	4.48	20.11	41.63	24.59	60.00	50.00	-18.37	-25.41	Pass	L1
21.0020	15.65	3.20	20.34	35.99	23.54	60.00	50.00	-24.01	-26.46	Pass	L1

**REMARKS:** L1 = Line One (Live Line)



Model No.	BeoSound Core	RBW,VBW	9 kHz
Environmental Conditions	26°C, 60% RH	Test Mode	Mode 1
Tested by	Sam Zeng	Line	L2
Test Date	June 26, 2017	Test Voltage	AC240V/50Hz



Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1780	32.39	18.54	19.53	51.92	38.07	64.57	54.58	-12.65	-16.51	Pass	L2
0.2500	23.81	13.32	19.54	43.35	32.86	61.75	51.76	-18.40	-18.90	Pass	L2
0.5220	20.81	4.73	19.54	40.35	24.27	56.00	46.00	-15.65	-21.73	Pass	L2
8.9020	23.57	7.74	20.03	43.60	27.77	60.00	50.00	-16.40	-22.23	Pass	L2
11.3340	27.15	8.97	20.12	47.27	29.09	60.00	50.00	-12.73	-20.91	Pass	L2
20.7979	19.39	6.30	20.28	39.67	26.58	60.00	50.00	-20.33	-23.42	Pass	L2

**REMARKS:** L2 = Line Two (Neutral Line)



## 6.10 FREQUENCY STABILITY

### 6.10.1 LIMIT

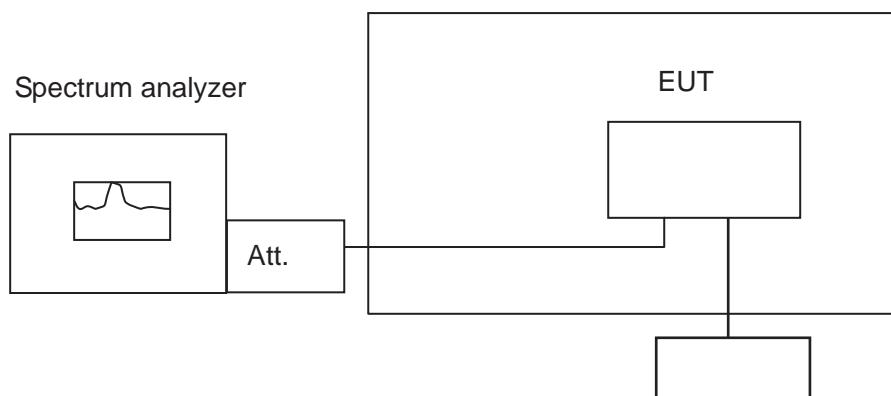
According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

### 6.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2017	02/20/2018
DC Power Supply	DAZHENG	PS-605D	20018978	N.C.R	N.C.R
AC POWER SOUCE	UMART	HPA1010	N/A	N.C.R	N.C.R
Power Meter	Anritsu	ML2495A	1204003	02/21/2017	02/20/2018
Power Sensor	Anritsu	MA2411B	1126150	02/21/2017	02/20/2018
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2016	11/17/2017
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/15/2017	02/14/2018

### 6.10.3 TEST CONFIGURATION

Temperature Chamber



Variable Power Supply

**Remark:** Measurement setup for testing on Antenna connector



#### 6.10.4 TEST PROCEDURE

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°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

#### 6.10.5 TEST RESULTS

*No non-compliance noted.*

**Test Data  
Antenna 0****IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.955243	5150-5250	PASS
40	120	5179.985973	5150-5250	PASS
30	120	5179.999322	5150-5250	PASS
20	120	5179.965720	5150-5250	PASS
10	120	5179.993397	5150-5250	PASS
0	120	5179.967549	5150-5250	PASS
-10	120	5179.965578	5150-5250	PASS
-20	120	5179.972809	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.968722	5150-5250	PASS
	120	5179.965720	5150-5250	PASS
	132	5179.949213	5150-5250	PASS

**IEEE 802.11a MHz mode / 5180 ~ 5240MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.985386	5150-5250	PASS
40	120	5239.985514	5150-5250	PASS
30	120	5239.995495	5150-5250	PASS
20	120	5239.965889	5150-5250	PASS
10	120	5239.963410	5150-5250	PASS
0	120	5239.990677	5150-5250	PASS
-10	120	5239.979226	5150-5250	PASS
-20	120	5239.951485	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.962019	5150-5250	PASS
	120	5239.965889	5150-5250	PASS
	132	5239.987770	5150-5250	PASS



## IEEE 802.11a mode / 5260 ~ 5320MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.977546	5250-5350	PASS
40	120	5259.984404	5250-5350	PASS
30	120	5259.978160	5250-5350	PASS
20	120	5259.965688	5250-5350	PASS
10	120	5259.987697	5250-5350	PASS
0	120	5259.949808	5250-5350	PASS
-10	120	5259.954496	5250-5350	PASS
-20	120	5259.954503	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.998028	5250-5350	PASS
	120	5259.965688	5250-5350	PASS
	132	5259.988356	5250-5350	PASS

## IEEE 802.11a mode / 5260 ~ 5320MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.981127	5250-5350	PASS
40	120	5319.987341	5250-5350	PASS
30	120	5319.975519	5250-5350	PASS
20	120	5319.965670	5250-5350	PASS
10	120	5319.986206	5250-5350	PASS
0	120	5319.986763	5250-5350	PASS
-10	120	5319.970096	5250-5350	PASS
-20	120	5319.989285	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.961268	5250-5350	PASS
	120	5319.965670	5250-5350	PASS
	132	5319.991821	5250-5350	PASS



## IEEE 802.11a mode / 5500 ~ 5700MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.995196	5475-5725	PASS
40	120	5499.949360	5475-5725	PASS
30	120	5499.953032	5475-5725	PASS
20	120	5499.965860	5475-5725	PASS
10	120	5499.993182	5475-5725	PASS
0	120	5499.950497	5475-5725	PASS
-10	120	5499.979606	5475-5725	PASS
-20	120	5499.954923	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.986625	5475-5725	PASS
	120	5499.965860	5475-5725	PASS
	132	5499.950880	5475-5725	PASS

## IEEE 802.11a mode / 5500 ~ 5700MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.983204	5475-5725	PASS
40	120	5699.982229	5475-5725	PASS
30	120	5699.994684	5475-5725	PASS
20	120	5699.968740	5475-5725	PASS
10	120	5699.975402	5475-5725	PASS
0	120	5699.986797	5475-5725	PASS
-10	120	5699.995229	5475-5725	PASS
-20	120	5699.961852	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.986893	5475-5725	PASS
	120	5699.968740	5475-5725	PASS
	132	5699.950947	5475-5725	PASS



## IEEE 802.11a mode / 5745 ~ 5825MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.951594	5725-5850	PASS
40	120	5744.988168	5725-5850	PASS
30	120	5744.988468	5725-5850	PASS
20	120	5744.965570	5725-5850	PASS
10	120	5744.974215	5725-5850	PASS
0	120	5744.983249	5725-5850	PASS
-10	120	5744.963057	5725-5850	PASS
-20	120	5744.999079	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.970854	5725-5850	PASS
	120	5744.965570	5725-5850	PASS
	132	5744.970962	5725-5850	PASS

## IEEE 802.11a mode / 5745 ~ 5825MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.949518	5725-5850	PASS
40	120	5824.995628	5725-5850	PASS
30	120	5824.954683	5725-5850	PASS
20	120	5824.965660	5725-5850	PASS
10	120	5824.978611	5725-5850	PASS
0	120	5824.952620	5725-5850	PASS
-10	120	5824.968511	5725-5850	PASS
-20	120	5824.974544	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.952130	5725-5850	PASS
	120	5824.965660	5725-5850	PASS
	132	5824.978176	5725-5850	PASS



## Antenna 1

## IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.955046	5150-5250	PASS
40	120	5179.993506	5150-5250	PASS
30	120	5179.962033	5150-5250	PASS
20	120	5179.965729	5150-5250	PASS
10	120	5179.972389	5150-5250	PASS
0	120	5179.952848	5150-5250	PASS
-10	120	5179.950211	5150-5250	PASS
-20	120	5179.999965	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.954880	5150-5250	PASS
	120	5179.965729	5150-5250	PASS
	132	5179.965671	5150-5250	PASS

## IEEE 802.11a MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.993512	5150-5250	PASS
40	120	5239.976710	5150-5250	PASS
30	120	5239.955462	5150-5250	PASS
20	120	5239.960859	5150-5250	PASS
10	120	5239.994817	5150-5250	PASS
0	120	5239.964313	5150-5250	PASS
-10	120	5239.956333	5150-5250	PASS
-20	120	5239.958358	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.997640	5150-5250	PASS
	120	5239.960859	5150-5250	PASS
	132	5239.999034	5150-5250	PASS



## IEEE 802.11a mode / 5260 ~ 5320MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.977200	5250-5350	PASS
40	120	5259.983687	5250-5350	PASS
30	120	5259.996774	5250-5350	PASS
20	120	5259.965685	5250-5350	PASS
10	120	5259.968707	5250-5350	PASS
0	120	5259.997441	5250-5350	PASS
-10	120	5259.992104	5250-5350	PASS
-20	120	5259.949977	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.983635	5250-5350	PASS
	120	5259.965685	5250-5350	PASS
	132	5259.957065	5250-5350	PASS

## IEEE 802.11a mode / 5260 ~ 5320MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.972359	5250-5350	PASS
40	120	5319.996399	5250-5350	PASS
30	120	5319.951520	5250-5350	PASS
20	120	5319.965679	5250-5350	PASS
10	120	5319.962866	5250-5350	PASS
0	120	5319.987685	5250-5350	PASS
-10	120	5319.967309	5250-5350	PASS
-20	120	5319.998903	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.957782	5250-5350	PASS
	120	5319.965679	5250-5350	PASS
	132	5319.972380	5250-5350	PASS



## IEEE 802.11a mode / 5500 ~ 5700MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.998216	5475-5725	PASS
40	120	5499.981785	5475-5725	PASS
30	120	5499.988783	5475-5725	PASS
20	120	5499.965866	5475-5725	PASS
10	120	5499.990029	5475-5725	PASS
0	120	5499.976553	5475-5725	PASS
-10	120	5499.992224	5475-5725	PASS
-20	120	5499.954794	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.981030	5475-5725	PASS
	120	5499.965866	5475-5725	PASS
	132	5499.974484	5475-5725	PASS

## IEEE 802.11a mode / 5500 ~ 5700MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.994074	5475-5725	PASS
40	120	5699.991978	5475-5725	PASS
30	120	5699.989054	5475-5725	PASS
20	120	5699.968744	5475-5725	PASS
10	120	5699.994288	5475-5725	PASS
0	120	5699.992735	5475-5725	PASS
-10	120	5699.968493	5475-5725	PASS
-20	120	5699.999391	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.957393	5475-5725	PASS
	120	5699.968744	5475-5725	PASS
	132	5699.956718	5475-5725	PASS



## IEEE 802.11a mode / 5745 ~ 5825MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.980993	5725-5850	PASS
40	120	5744.957374	5725-5850	PASS
30	120	5744.974478	5725-5850	PASS
20	120	5744.965579	5725-5850	PASS
10	120	5744.986384	5725-5850	PASS
0	120	5744.974318	5725-5850	PASS
-10	120	5744.997089	5725-5850	PASS
-20	120	5744.963772	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.963618	5725-5850	PASS
	120	5744.965579	5725-5850	PASS
	132	5744.993742	5725-5850	PASS

## IEEE 802.11a mode / 5745 ~ 5825MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.980040	5725-5850	PASS
40	120	5824.980709	5725-5850	PASS
30	120	5824.967165	5725-5850	PASS
20	120	5824.965666	5725-5850	PASS
10	120	5824.972647	5725-5850	PASS
0	120	5824.986010	5725-5850	PASS
-10	120	5824.950630	5725-5850	PASS
-20	120	5824.986487	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.986614	5725-5850	PASS
	120	5824.965666	5725-5850	PASS
	132	5824.986787	5725-5850	PASS

**Antenna 0****IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.988358	5150-5250	PASS
40	120	5179.959346	5150-5250	PASS
30	120	5179.964022	5150-5250	PASS
20	120	5179.965358	5150-5250	PASS
10	120	5179.954800	5150-5250	PASS
0	120	5179.986878	5150-5250	PASS
-10	120	5179.970056	5150-5250	PASS
-20	120	5179.978081	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.953611	5150-5250	PASS
	120	5179.965358	5150-5250	PASS
	132	5179.954302	5150-5250	PASS

**IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.989575	5150-5250	PASS
40	120	5239.960905	5150-5250	PASS
30	120	5239.974110	5150-5250	PASS
20	120	5239.965441	5150-5250	PASS
10	120	5239.976640	5150-5250	PASS
0	120	5239.971765	5150-5250	PASS
-10	120	5239.996360	5150-5250	PASS
-20	120	5239.963995	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.950979	5150-5250	PASS
	120	5239.965441	5150-5250	PASS
	132	5239.962236	5150-5250	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.995132	5250-5350	PASS
40	120	5259.994359	5250-5350	PASS
30	120	5259.993213	5250-5350	PASS
20	120	5259.965888	5250-5350	PASS
10	120	5259.999677	5250-5350	PASS
0	120	5259.950383	5250-5350	PASS
-10	120	5259.962421	5250-5350	PASS
-20	120	5259.987978	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.991584	5250-5350	PASS
	120	5259.965888	5250-5350	PASS
	132	5259.996449	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.974032	5250-5350	PASS
40	120	5319.984029	5250-5350	PASS
30	120	5319.980693	5250-5350	PASS
20	120	5319.965661	5250-5350	PASS
10	120	5319.955053	5250-5350	PASS
0	120	5319.979304	5250-5350	PASS
-10	120	5319.992674	5250-5350	PASS
-20	120	5319.973665	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.950692	5250-5350	PASS
	120	5319.965661	5250-5350	PASS
	132	5319.991921	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.994084	5475-5725	PASS
40	120	5499.973085	5475-5725	PASS
30	120	5499.958452	5475-5725	PASS
20	120	5499.968710	5475-5725	PASS
10	120	5499.951942	5475-5725	PASS
0	120	5499.997979	5475-5725	PASS
-10	120	5499.972978	5475-5725	PASS
-20	120	5499.974452	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.971067	5475-5725	PASS
	120	5499.968710	5475-5725	PASS
	132	5499.949353	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.956111	5475-5725	PASS
40	120	5699.986888	5475-5725	PASS
30	120	5699.990234	5475-5725	PASS
20	120	5699.965275	5475-5725	PASS
10	120	5699.976225	5475-5725	PASS
0	120	5699.977004	5475-5725	PASS
-10	120	5699.982803	5475-5725	PASS
-20	120	5699.999463	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.959823	5475-5725	PASS
	120	5699.965275	5475-5725	PASS
	132	5699.975988	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.982887	5725-5850	PASS
40	120	5744.963741	5725-5850	PASS
30	120	5744.983676	5725-5850	PASS
20	120	5744.965680	5725-5850	PASS
10	120	5744.970671	5725-5850	PASS
0	120	5744.977817	5725-5850	PASS
-10	120	5744.980852	5725-5850	PASS
-20	120	5744.970512	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.979741	5725-5850	PASS
	120	5744.965680	5725-5850	PASS
	132	5744.951104	5725-5850	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.977134	5725-5850	PASS
40	120	5824.995557	5725-5850	PASS
30	120	5824.953305	5725-5850	PASS
20	120	5824.965812	5725-5850	PASS
10	120	5824.984992	5725-5850	PASS
0	120	5824.972962	5725-5850	PASS
-10	120	5824.991824	5725-5850	PASS
-20	120	5824.985766	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.961584	5725-5850	PASS
	120	5824.965812	5725-5850	PASS
	132	5824.999509	5725-5850	PASS



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## IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.970549	5150-5250	PASS
40	120	5179.983097	5150-5250	PASS
30	120	5179.972681	5150-5250	PASS
20	120	5179.965340	5150-5250	PASS
10	120	5179.968436	5150-5250	PASS
0	120	5179.950769	5150-5250	PASS
-10	120	5179.982374	5150-5250	PASS
-20	120	5179.974981	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.960101	5150-5250	PASS
	120	5179.965340	5150-5250	PASS
	132	5179.954303	5150-5250	PASS

## IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.949430	5150-5250	PASS
40	120	5239.990328	5150-5250	PASS
30	120	5239.952804	5150-5250	PASS
20	120	5239.965444	5150-5250	PASS
10	120	5239.964570	5150-5250	PASS
0	120	5239.981515	5150-5250	PASS
-10	120	5239.958135	5150-5250	PASS
-20	120	5239.977168	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.967042	5150-5250	PASS
	120	5239.965444	5150-5250	PASS
	132	5239.964412	5150-5250	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.972717	5250-5350	PASS
40	120	5259.968558	5250-5350	PASS
30	120	5259.990937	5250-5350	PASS
20	120	5259.965888	5250-5350	PASS
10	120	5259.960972	5250-5350	PASS
0	120	5259.987784	5250-5350	PASS
-10	120	5259.977819	5250-5350	PASS
-20	120	5259.955397	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.974352	5250-5350	PASS
	120	5259.965888	5250-5350	PASS
	132	5259.958077	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.997931	5250-5350	PASS
40	120	5319.980448	5250-5350	PASS
30	120	5319.991225	5250-5350	PASS
20	120	5319.965650	5250-5350	PASS
10	120	5319.975474	5250-5350	PASS
0	120	5319.990081	5250-5350	PASS
-10	120	5319.997889	5250-5350	PASS
-20	120	5319.996349	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.955728	5250-5350	PASS
	120	5319.965650	5250-5350	PASS
	132	5319.980788	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.956766	5475-5725	PASS
40	120	5499.951218	5475-5725	PASS
30	120	5499.952689	5475-5725	PASS
20	120	5499.968718	5475-5725	PASS
10	120	5499.961334	5475-5725	PASS
0	120	5499.977902	5475-5725	PASS
-10	120	5499.970388	5475-5725	PASS
-20	120	5499.997857	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.970850	5475-5725	PASS
	120	5499.968718	5475-5725	PASS
	132	5499.953778	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.994840	5475-5725	PASS
40	120	5699.956116	5475-5725	PASS
30	120	5699.993847	5475-5725	PASS
20	120	5699.965269	5475-5725	PASS
10	120	5699.950152	5475-5725	PASS
0	120	5699.977338	5475-5725	PASS
-10	120	5699.970061	5475-5725	PASS
-20	120	5699.985559	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.970426	5475-5725	PASS
	120	5699.965269	5475-5725	PASS
	132	5699.970097	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.961091	5725-5850	PASS
40	120	5744.987976	5725-5850	PASS
30	120	5744.996618	5725-5850	PASS
20	120	5744.965689	5725-5850	PASS
10	120	5744.950835	5725-5850	PASS
0	120	5744.991130	5725-5850	PASS
-10	120	5744.980912	5725-5850	PASS
-20	120	5744.979998	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.968439	5725-5850	PASS
	120	5744.965689	5725-5850	PASS
	132	5744.949004	5725-5850	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.961474	5725-5850	PASS
40	120	5824.960295	5725-5850	PASS
30	120	5824.979490	5725-5850	PASS
20	120	5824.965839	5725-5850	PASS
10	120	5824.957403	5725-5850	PASS
0	120	5824.954308	5725-5850	PASS
-10	120	5824.995825	5725-5850	PASS
-20	120	5824.993209	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.951609	5725-5850	PASS
	120	5824.965839	5725-5850	PASS
	132	5824.988576	5725-5850	PASS



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## IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.983867	5150-5250	PASS
40	120	5189.954629	5150-5250	PASS
30	120	5189.996145	5150-5250	PASS
20	120	5189.965649	5150-5250	PASS
10	120	5189.984777	5150-5250	PASS
0	120	5189.975003	5150-5250	PASS
-10	120	5189.978645	5150-5250	PASS
-20	120	5189.985455	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.972352	5150-5250	PASS
	120	5189.965649	5150-5250	PASS
	132	5189.982414	5150-5250	PASS

## IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.974905	5150-5250	PASS
40	120	5229.999986	5150-5250	PASS
30	120	5229.968669	5150-5250	PASS
20	120	5229.965865	5150-5250	PASS
10	120	5229.972948	5150-5250	PASS
0	120	5229.983389	5150-5250	PASS
-10	120	5229.994631	5150-5250	PASS
-20	120	5229.952200	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.951975	5150-5250	PASS
	120	5229.965865	5150-5250	PASS
	132	5229.994220	5150-5250	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.984673	5250-5350	PASS
40	120	5269.960736	5250-5350	PASS
30	120	5269.949995	5250-5350	PASS
20	120	5269.965450	5250-5350	PASS
10	120	5269.988572	5250-5350	PASS
0	120	5269.953555	5250-5350	PASS
-10	120	5269.957582	5250-5350	PASS
-20	120	5269.970125	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.972723	5250-5350	PASS
	120	5269.965450	5250-5350	PASS
	132	5269.982539	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.983138	5250-5350	PASS
40	120	5309.967826	5250-5350	PASS
30	120	5309.952835	5250-5350	PASS
20	120	5309.964680	5250-5350	PASS
10	120	5309.985467	5250-5350	PASS
0	120	5309.973492	5250-5350	PASS
-10	120	5309.975442	5250-5350	PASS
-20	120	5309.961874	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.978186	5250-5350	PASS
	120	5309.964680	5250-5350	PASS
	132	5309.993183	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.955761	5475-5725	PASS
40	120	5509.968583	5475-5725	PASS
30	120	5509.957037	5475-5725	PASS
20	120	5509.965569	5475-5725	PASS
10	120	5509.974689	5475-5725	PASS
0	120	5509.991768	5475-5725	PASS
-10	120	5509.990284	5475-5725	PASS
-20	120	5509.954456	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.978258	5475-5725	PASS
	120	5509.965569	5475-5725	PASS
	132	5509.971247	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.996520	5475-5725	PASS
40	120	5669.974766	5475-5725	PASS
30	120	5669.999421	5475-5725	PASS
20	120	5669.966780	5475-5725	PASS
10	120	5669.951059	5475-5725	PASS
0	120	5669.968207	5475-5725	PASS
-10	120	5669.965308	5475-5725	PASS
-20	120	5669.959785	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.977758	5475-5725	PASS
	120	5669.966780	5475-5725	PASS
	132	5669.962175	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.964420	5725-5850	PASS
40	120	5754.990025	5725-5850	PASS
30	120	5754.965855	5725-5850	PASS
20	120	5754.965570	5725-5850	PASS
10	120	5754.981321	5725-5850	PASS
0	120	5754.950739	5725-5850	PASS
-10	120	5754.985728	5725-5850	PASS
-20	120	5754.976149	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.989024	5725-5850	PASS
	120	5754.965570	5725-5850	PASS
	132	5754.998019	5725-5850	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.959450	5725-5850	PASS
40	120	5794.954281	5725-5850	PASS
30	120	5794.995458	5725-5850	PASS
20	120	5794.965970	5725-5850	PASS
10	120	5794.975957	5725-5850	PASS
0	120	5794.994584	5725-5850	PASS
-10	120	5794.961046	5725-5850	PASS
-20	120	5794.960931	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.962816	5725-5850	PASS
	120	5794.965970	5725-5850	PASS
	132	5794.978954	5725-5850	PASS



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## IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.962864	5150-5250	PASS
40	120	5189.972347	5150-5250	PASS
30	120	5189.977006	5150-5250	PASS
20	120	5189.965630	5150-5250	PASS
10	120	5189.962188	5150-5250	PASS
0	120	5189.983266	5150-5250	PASS
-10	120	5189.979318	5150-5250	PASS
-20	120	5189.983841	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.985244	5150-5250	PASS
	120	5189.965630	5150-5250	PASS
	132	5189.958534	5150-5250	PASS

## IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.972456	5150-5250	PASS
40	120	5229.986674	5150-5250	PASS
30	120	5229.949642	5150-5250	PASS
20	120	5229.965860	5150-5250	PASS
10	120	5229.980985	5150-5250	PASS
0	120	5229.961498	5150-5250	PASS
-10	120	5229.991414	5150-5250	PASS
-20	120	5229.963524	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.987722	5150-5250	PASS
	120	5229.965860	5150-5250	PASS
	132	5229.995876	5150-5250	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.949107	5250-5350	PASS
40	120	5269.955993	5250-5350	PASS
30	120	5269.998523	5250-5350	PASS
20	120	5269.965455	5250-5350	PASS
10	120	5269.975783	5250-5350	PASS
0	120	5269.952827	5250-5350	PASS
-10	120	5269.969190	5250-5350	PASS
-20	120	5269.963439	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.985057	5250-5350	PASS
	120	5269.965455	5250-5350	PASS
	132	5269.969201	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.970702	5250-5350	PASS
40	120	5309.962280	5250-5350	PASS
30	120	5309.981074	5250-5350	PASS
20	120	5309.964685	5250-5350	PASS
10	120	5309.973400	5250-5350	PASS
0	120	5309.957034	5250-5350	PASS
-10	120	5309.979685	5250-5350	PASS
-20	120	5309.974613	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.968764	5250-5350	PASS
	120	5309.964685	5250-5350	PASS
	132	5309.973501	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.993198	5475-5725	PASS
40	120	5509.958263	5475-5725	PASS
30	120	5509.964490	5475-5725	PASS
20	120	5509.965567	5475-5725	PASS
10	120	5509.973914	5475-5725	PASS
0	120	5509.949340	5475-5725	PASS
-10	120	5509.967217	5475-5725	PASS
-20	120	5509.984998	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.954306	5475-5725	PASS
	120	5509.965567	5475-5725	PASS
	132	5509.975884	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.987425	5475-5725	PASS
40	120	5669.998086	5475-5725	PASS
30	120	5669.995370	5475-5725	PASS
20	120	5669.966770	5475-5725	PASS
10	120	5669.988399	5475-5725	PASS
0	120	5669.997275	5475-5725	PASS
-10	120	5669.973888	5475-5725	PASS
-20	120	5669.990367	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.995958	5475-5725	PASS
	120	5669.966770	5475-5725	PASS
	132	5669.962293	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.968068	5725-5850	PASS
40	120	5754.990658	5725-5850	PASS
30	120	5754.990704	5725-5850	PASS
20	120	5754.965560	5725-5850	PASS
10	120	5754.960580	5725-5850	PASS
0	120	5754.977424	5725-5850	PASS
-10	120	5754.988747	5725-5850	PASS
-20	120	5754.965846	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.960953	5725-5850	PASS
	120	5754.965560	5725-5850	PASS
	132	5754.965639	5725-5850	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.957368	5725-5850	PASS
40	120	5794.961043	5725-5850	PASS
30	120	5794.976028	5725-5850	PASS
20	120	5794.965960	5725-5850	PASS
10	120	5794.971371	5725-5850	PASS
0	120	5794.991545	5725-5850	PASS
-10	120	5794.981592	5725-5850	PASS
-20	120	5794.978994	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.999344	5725-5850	PASS
	120	5794.965960	5725-5850	PASS
	132	5794.971657	5725-5850	PASS

**Antenna 0****IEEE 802.11ac 20 MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.982808	5150-5250	PASS
40	120	5179.966845	5150-5250	PASS
30	120	5179.959964	5150-5250	PASS
20	120	5179.965340	5150-5250	PASS
10	120	5179.964668	5150-5250	PASS
0	120	5179.957169	5150-5250	PASS
-10	120	5179.990803	5150-5250	PASS
-20	120	5179.971604	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.998020	5150-5250	PASS
	120	5179.965340	5150-5250	PASS
	132	5179.956946	5150-5250	PASS

**IEEE 802.11ac 20 MHz mode / 5180 ~ 5240MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.996548	5150-5250	PASS
40	120	5239.994869	5150-5250	PASS
30	120	5239.958151	5150-5250	PASS
20	120	5239.965434	5150-5250	PASS
10	120	5239.984585	5150-5250	PASS
0	120	5239.997204	5150-5250	PASS
-10	120	5239.970915	5150-5250	PASS
-20	120	5239.961192	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.999388	5150-5250	PASS
	120	5239.965434	5150-5250	PASS
	132	5239.965361	5150-5250	PASS



## IEEE 802.11ac 20 MHz mode / 5260 ~ 5320MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.990587	5250-5350	PASS
40	120	5259.968712	5250-5350	PASS
30	120	5259.963686	5250-5350	PASS
20	120	5259.965889	5250-5350	PASS
10	120	5259.998596	5250-5350	PASS
0	120	5259.962401	5250-5350	PASS
-10	120	5259.959372	5250-5350	PASS
-20	120	5259.999218	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.987843	5250-5350	PASS
	120	5259.965889	5250-5350	PASS
	132	5259.983036	5250-5350	PASS

## IEEE 802.11ac 20 MHz mode / 5260 ~ 5320MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.994883	5250-5350	PASS
40	120	5319.963051	5250-5350	PASS
30	120	5319.967112	5250-5350	PASS
20	120	5319.965677	5250-5350	PASS
10	120	5319.967826	5250-5350	PASS
0	120	5319.973541	5250-5350	PASS
-10	120	5319.952521	5250-5350	PASS
-20	120	5319.983357	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.982167	5250-5350	PASS
	120	5319.965676	5250-5350	PASS
	132	5319.958043	5250-5350	PASS



## IEEE 802.11ac 20 MHz mode / 5500 ~ 5700MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.974061	5475-5725	PASS
40	120	5499.960469	5475-5725	PASS
30	120	5499.963756	5475-5725	PASS
20	120	5499.968701	5475-5725	PASS
10	120	5499.970018	5475-5725	PASS
0	120	5499.950599	5475-5725	PASS
-10	120	5499.971571	5475-5725	PASS
-20	120	5499.993488	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.993558	5475-5725	PASS
	120	5499.968701	5475-5725	PASS
	132	5499.968448	5475-5725	PASS

## IEEE 802.11ac 20 MHz mode / 5500 ~ 5700MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.998475	5475-5725	PASS
40	120	5699.977355	5475-5725	PASS
30	120	5699.961077	5475-5725	PASS
20	120	5699.965271	5475-5725	PASS
10	120	5699.975126	5475-5725	PASS
0	120	5699.994177	5475-5725	PASS
-10	120	5699.957990	5475-5725	PASS
-20	120	5699.957709	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.985474	5475-5725	PASS
	120	5699.965271	5475-5725	PASS
	132	5699.960186	5475-5725	PASS

**IEEE 802.11ac 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.988591	5725-5850	PASS
40	120	5744.952657	5725-5850	PASS
30	120	5744.989862	5725-5850	PASS
20	120	5744.965675	5725-5850	PASS
10	120	5744.952713	5725-5850	PASS
0	120	5744.955616	5725-5850	PASS
-10	120	5744.979601	5725-5850	PASS
-20	120	5744.992639	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.963279	5725-5850	PASS
	120	5744.965675	5725-5850	PASS
	132	5744.961862	5725-5850	PASS

**IEEE 802.11ac 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.987050	5725-5850	PASS
40	120	5824.989096	5725-5850	PASS
30	120	5824.982401	5725-5850	PASS
20	120	5824.965822	5725-5850	PASS
10	120	5824.976526	5725-5850	PASS
0	120	5824.972420	5725-5850	PASS
-10	120	5824.967392	5725-5850	PASS
-20	120	5824.972389	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.956484	5725-5850	PASS
	120	5824.965822	5725-5850	PASS
	132	5824.982272	5725-5850	PASS



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## IEEE 802.11ac 20 MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.966039	5150-5250	PASS
40	120	5179.949935	5150-5250	PASS
30	120	5179.964423	5150-5250	PASS
20	120	5179.965344	5150-5250	PASS
10	120	5179.960441	5150-5250	PASS
0	120	5179.987056	5150-5250	PASS
-10	120	5179.952900	5150-5250	PASS
-20	120	5179.999589	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.968571	5150-5250	PASS
	120	5179.965344	5150-5250	PASS
	132	5179.994883	5150-5250	PASS

## IEEE 802.11ac 20 MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.962217	5150-5250	PASS
40	120	5239.952524	5150-5250	PASS
30	120	5239.980234	5150-5250	PASS
20	120	5239.965448	5150-5250	PASS
10	120	5239.993262	5150-5250	PASS
0	120	5239.972457	5150-5250	PASS
-10	120	5239.990243	5150-5250	PASS
-20	120	5239.951143	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.979752	5150-5250	PASS
	120	5239.965448	5150-5250	PASS
	132	5239.977754	5150-5250	PASS



## IEEE 802.11ac 20 MHz mode / 5260 ~ 5320MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.985022	5250-5350	PASS
40	120	5259.980804	5250-5350	PASS
30	120	5259.973380	5250-5350	PASS
20	120	5259.965880	5250-5350	PASS
10	120	5259.985690	5250-5350	PASS
0	120	5259.962161	5250-5350	PASS
-10	120	5259.965235	5250-5350	PASS
-20	120	5259.957725	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.984416	5250-5350	PASS
	120	5259.965880	5250-5350	PASS
	132	5259.997593	5250-5350	PASS

## IEEE 802.11ac 20 MHz mode / 5260 ~ 5320MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.973563	5250-5350	PASS
40	120	5319.957101	5250-5350	PASS
30	120	5319.964941	5250-5350	PASS
20	120	5319.965645	5250-5350	PASS
10	120	5319.959660	5250-5350	PASS
0	120	5319.997456	5250-5350	PASS
-10	120	5319.953542	5250-5350	PASS
-20	120	5319.969091	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.998200	5250-5350	PASS
	120	5319.965645	5250-5350	PASS
	132	5319.962727	5250-5350	PASS

**IEEE 802.11ac 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.973617	5475-5725	PASS
40	120	5499.993174	5475-5725	PASS
30	120	5499.952795	5475-5725	PASS
20	120	5499.968729	5475-5725	PASS
10	120	5499.956442	5475-5725	PASS
0	120	5499.978948	5475-5725	PASS
-10	120	5499.972405	5475-5725	PASS
-20	120	5499.976629	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.980944	5475-5725	PASS
	120	5499.968729	5475-5725	PASS
	132	5499.994266	5475-5725	PASS

**IEEE 802.11ac 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.961884	5475-5725	PASS
40	120	5699.953909	5475-5725	PASS
30	120	5699.951737	5475-5725	PASS
20	120	5699.965255	5475-5725	PASS
10	120	5699.988993	5475-5725	PASS
0	120	5699.964225	5475-5725	PASS
-10	120	5699.976702	5475-5725	PASS
-20	120	5699.979753	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.973834	5475-5725	PASS
	120	5699.965255	5475-5725	PASS
	132	5699.984473	5475-5725	PASS

**IEEE 802.11ac 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.996807	5725-5850	PASS
40	120	5744.962127	5725-5850	PASS
30	120	5744.986117	5725-5850	PASS
20	120	5744.965680	5725-5850	PASS
10	120	5744.993397	5725-5850	PASS
0	120	5744.964820	5725-5850	PASS
-10	120	5744.986622	5725-5850	PASS
-20	120	5744.980691	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.994060	5725-5850	PASS
	120	5744.965680	5725-5850	PASS
	132	5744.990391	5725-5850	PASS

**IEEE 802.11ac 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.966976	5725-5850	PASS
40	120	5824.970627	5725-5850	PASS
30	120	5824.951066	5725-5850	PASS
20	120	5824.965830	5725-5850	PASS
10	120	5824.977683	5725-5850	PASS
0	120	5824.953596	5725-5850	PASS
-10	120	5824.956597	5725-5850	PASS
-20	120	5824.991564	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.996905	5725-5850	PASS
	120	5824.965830	5725-5850	PASS
	132	5824.974352	5725-5850	PASS



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## IEEE 802.11ac 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.953164	5150-5250	PASS
40	120	5189.982152	5150-5250	PASS
30	120	5189.949319	5150-5250	PASS
20	120	5189.965633	5150-5250	PASS
10	120	5189.997129	5150-5250	PASS
0	120	5189.961822	5150-5250	PASS
-10	120	5189.968885	5150-5250	PASS
-20	120	5189.994851	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.972614	5150-5250	PASS
	120	5189.965633	5150-5250	PASS
	132	5189.968771	5150-5250	PASS

## IEEE 802.11ac 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.961760	5150-5250	PASS
40	120	5229.992879	5150-5250	PASS
30	120	5229.950326	5150-5250	PASS
20	120	5229.965869	5150-5250	PASS
10	120	5229.989101	5150-5250	PASS
0	120	5229.991158	5150-5250	PASS
-10	120	5229.955348	5150-5250	PASS
-20	120	5229.990863	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.975581	5150-5250	PASS
	120	5229.965869	5150-5250	PASS
	132	5229.977831	5150-5250	PASS

**IEEE 802.11ac 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.958483	5250-5350	PASS
40	120	5269.994321	5250-5350	PASS
30	120	5269.999192	5250-5350	PASS
20	120	5269.965459	5250-5350	PASS
10	120	5269.998231	5250-5350	PASS
0	120	5269.993303	5250-5350	PASS
-10	120	5269.954892	5250-5350	PASS
-20	120	5269.991872	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.981192	5250-5350	PASS
	120	5269.965459	5250-5350	PASS
	132	5269.955233	5250-5350	PASS

**IEEE 802.11ac 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.980185	5250-5350	PASS
40	120	5309.971049	5250-5350	PASS
30	120	5309.963929	5250-5350	PASS
20	120	5309.964688	5250-5350	PASS
10	120	5309.968181	5250-5350	PASS
0	120	5309.961251	5250-5350	PASS
-10	120	5309.965997	5250-5350	PASS
-20	120	5309.999685	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.979349	5250-5350	PASS
	120	5309.964688	5250-5350	PASS
	132	5309.982904	5250-5350	PASS

**IEEE 802.11ac 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.970512	5475-5725	PASS
40	120	5509.964958	5475-5725	PASS
30	120	5509.964658	5475-5725	PASS
20	120	5509.965566	5475-5725	PASS
10	120	5509.978537	5475-5725	PASS
0	120	5509.984046	5475-5725	PASS
-10	120	5509.981744	5475-5725	PASS
-20	120	5509.957986	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.953406	5475-5725	PASS
	120	5509.965566	5475-5725	PASS
	132	5509.950747	5475-5725	PASS

**IEEE 802.11ac 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.954377	5475-5725	PASS
40	120	5669.952569	5475-5725	PASS
30	120	5669.997541	5475-5725	PASS
20	120	5669.966780	5475-5725	PASS
10	120	5669.962437	5475-5725	PASS
0	120	5669.984098	5475-5725	PASS
-10	120	5669.956323	5475-5725	PASS
-20	120	5669.993708	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.999888	5475-5725	PASS
	120	5669.966780	5475-5725	PASS
	132	5669.951847	5475-5725	PASS

**IEEE 802.11ac 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.970989	5725-5850	PASS
40	120	5754.985706	5725-5850	PASS
30	120	5754.967188	5725-5850	PASS
20	120	5754.965570	5725-5850	PASS
10	120	5754.991451	5725-5850	PASS
0	120	5754.973580	5725-5850	PASS
-10	120	5754.969740	5725-5850	PASS
-20	120	5754.980021	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.961458	5725-5850	PASS
	120	5754.965570	5725-5850	PASS
	132	5754.950299	5725-5850	PASS

**IEEE 802.11ac 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.996471	5725-5850	PASS
40	120	5794.965223	5725-5850	PASS
30	120	5794.996944	5725-5850	PASS
20	120	5794.965970	5725-5850	PASS
10	120	5794.961866	5725-5850	PASS
0	120	5794.966213	5725-5850	PASS
-10	120	5794.962986	5725-5850	PASS
-20	120	5794.995664	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.961386	5725-5850	PASS
	120	5794.965970	5725-5850	PASS
	132	5794.951545	5725-5850	PASS



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## IEEE 802.11ac 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.959620	5150-5250	PASS
40	120	5189.982092	5150-5250	PASS
30	120	5189.978525	5150-5250	PASS
20	120	5189.965638	5150-5250	PASS
10	120	5189.969326	5150-5250	PASS
0	120	5189.958862	5150-5250	PASS
-10	120	5189.989818	5150-5250	PASS
-20	120	5189.964257	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.973003	5150-5250	PASS
	120	5189.965638	5150-5250	PASS
	132	5189.962084	5150-5250	PASS

## IEEE 802.11ac 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.994719	5150-5250	PASS
40	120	5229.979444	5150-5250	PASS
30	120	5229.999777	5150-5250	PASS
20	120	5229.965867	5150-5250	PASS
10	120	5229.955349	5150-5250	PASS
0	120	5229.973958	5150-5250	PASS
-10	120	5229.968882	5150-5250	PASS
-20	120	5229.963767	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.957504	5150-5250	PASS
	120	5229.965867	5150-5250	PASS
	132	5229.977207	5150-5250	PASS

**IEEE 802.11ac 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.984624	5250-5350	PASS
40	120	5269.953116	5250-5350	PASS
30	120	5269.955399	5250-5350	PASS
20	120	5269.965459	5250-5350	PASS
10	120	5269.992709	5250-5350	PASS
0	120	5269.981364	5250-5350	PASS
-10	120	5269.961084	5250-5350	PASS
-20	120	5269.965351	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.978996	5250-5350	PASS
	120	5269.965459	5250-5350	PASS
	132	5269.953085	5250-5350	PASS

**IEEE 802.11ac 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.980137	5250-5350	PASS
40	120	5309.987010	5250-5350	PASS
30	120	5309.989078	5250-5350	PASS
20	120	5309.964689	5250-5350	PASS
10	120	5309.988954	5250-5350	PASS
0	120	5309.954150	5250-5350	PASS
-10	120	5309.957341	5250-5350	PASS
-20	120	5309.958571	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.954547	5250-5350	PASS
	120	5309.964689	5250-5350	PASS
	132	5309.989991	5250-5350	PASS

**IEEE 802.11ac 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.977726	5475-5725	PASS
40	120	5509.979180	5475-5725	PASS
30	120	5509.990157	5475-5725	PASS
20	120	5509.965568	5475-5725	PASS
10	120	5509.995742	5475-5725	PASS
0	120	5509.965156	5475-5725	PASS
-10	120	5509.977090	5475-5725	PASS
-20	120	5509.958577	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.966675	5475-5725	PASS
	120	5509.965568	5475-5725	PASS
	132	5509.972519	5475-5725	PASS

**IEEE 802.11ac 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.979590	5475-5725	PASS
40	120	5669.960136	5475-5725	PASS
30	120	5669.968769	5475-5725	PASS
20	120	5669.966779	5475-5725	PASS
10	120	5669.954924	5475-5725	PASS
0	120	5669.978050	5475-5725	PASS
-10	120	5669.974176	5475-5725	PASS
-20	120	5669.955114	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.950270	5475-5725	PASS
	120	5669.966779	5475-5725	PASS
	132	5669.993336	5475-5725	PASS

**IEEE 802.11ac 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.982526	5725-5850	PASS
40	120	5754.960142	5725-5850	PASS
30	120	5754.971886	5725-5850	PASS
20	120	5754.965568	5725-5850	PASS
10	120	5754.954744	5725-5850	PASS
0	120	5754.951912	5725-5850	PASS
-10	120	5754.996743	5725-5850	PASS
-20	120	5754.974275	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.990285	5725-5850	PASS
	120	5754.965578	5725-5850	PASS
	132	5754.987606	5725-5850	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.976748	5725-5850	PASS
40	120	5794.990601	5725-5850	PASS
30	120	5794.964502	5725-5850	PASS
20	120	5794.965975	5725-5850	PASS
10	120	5794.955349	5725-5850	PASS
0	120	5794.976171	5725-5850	PASS
-10	120	5794.974277	5725-5850	PASS
-20	120	5794.976572	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.963878	5725-5850	PASS
	120	5794.965975	5725-5850	PASS
	132	5794.991580	5725-5850	PASS

**Antenna 0****IEEE 802.11ac 80 mode / 5210MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.988909	5150-5250	PASS
40	120	5209.985524	5150-5250	PASS
30	120	5209.991315	5150-5250	PASS
20	120	5209.965630	5150-5250	PASS
10	120	5209.997122	5150-5250	PASS
0	120	5209.959126	5150-5250	PASS
-10	120	5209.981335	5150-5250	PASS
-20	120	5209.974991	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.987858	5150-5250	PASS
	120	5209.965630	5150-5250	PASS
	132	5209.955653	5150-5250	PASS

**IEEE 802.11ac 80 mode / 5290MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.965874	5250-5350	PASS
40	120	5289.988235	5250-5350	PASS
30	120	5289.971798	5250-5350	PASS
20	120	5289.665445	5250-5350	PASS
10	120	5289.951595	5250-5350	PASS
0	120	5289.955164	5250-5350	PASS
-10	120	5289.985217	5250-5350	PASS
-20	120	5289.952876	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.994752	5250-5350	PASS
	120	5289.665445	5250-5350	PASS
	132	5289.978359	5250-5350	PASS



## IEEE 802.11ac 80 mode / 5530MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.973187	5475-5725	PASS
40	120	5529.994828	5475-5725	PASS
30	120	5529.976036	5475-5725	PASS
20	120	5529.986580	5475-5725	PASS
10	120	5529.976896	5475-5725	PASS
0	120	5529.975310	5475-5725	PASS
-10	120	5529.952244	5475-5725	PASS
-20	120	5529.964342	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.961171	5475-5725	PASS
	120	5529.986580	5475-5725	PASS
	132	5529.960919	5475-5725	PASS

## IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.997002	5725-5850	PASS
40	120	5774.952439	5725-5850	PASS
30	120	5774.966088	5725-5850	PASS
20	120	5774.966585	5725-5850	PASS
10	120	5774.998488	5725-5850	PASS
0	120	5774.959001	5725-5850	PASS
-10	120	5774.995032	5725-5850	PASS
-20	120	5774.991296	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.996439	5725-5850	PASS
	120	5774.966585	5725-5850	PASS
	132	5774.954394	5725-5850	PASS

**Antenna 1****IEEE 802.11ac 80 mode / 5210MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.972375	5150-5250	PASS
40	120	5209.973016	5150-5250	PASS
30	120	5209.977745	5150-5250	PASS
20	120	5209.965633	5150-5250	PASS
10	120	5209.962861	5150-5250	PASS
0	120	5209.985958	5150-5250	PASS
-10	120	5209.962743	5150-5250	PASS
-20	120	5209.988563	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.999339	5150-5250	PASS
	120	5209.965633	5150-5250	PASS
	132	5209.999488	5150-5250	PASS

**IEEE 802.11ac 80 mode / 5290MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.960426	5250-5350	PASS
40	120	5289.996954	5250-5350	PASS
30	120	5289.983999	5250-5350	PASS
20	120	5289.665430	5250-5350	PASS
10	120	5289.951723	5250-5350	PASS
0	120	5289.949288	5250-5350	PASS
-10	120	5289.988012	5250-5350	PASS
-20	120	5289.951122	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.987011	5250-5350	PASS
	120	5289.665430	5250-5350	PASS
	132	5289.977622	5250-5350	PASS



## IEEE 802.11ac 80 mode / 5530MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.961612	5475-5725	PASS
40	120	5529.965572	5475-5725	PASS
30	120	5529.951015	5475-5725	PASS
20	120	5529.986588	5475-5725	PASS
10	120	5529.953371	5475-5725	PASS
0	120	5529.949418	5475-5725	PASS
-10	120	5529.981018	5475-5725	PASS
-20	120	5529.971274	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.962338	5475-5725	PASS
	120	5529.986588	5475-5725	PASS
	132	5529.982975	5475-5725	PASS

## IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.973149	5725-5850	PASS
40	120	5774.955024	5725-5850	PASS
30	120	5774.968437	5725-5850	PASS
20	120	5774.966579	5725-5850	PASS
10	120	5774.961299	5725-5850	PASS
0	120	5774.962001	5725-5850	PASS
-10	120	5774.986546	5725-5850	PASS
-20	120	5774.979486	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.986982	5725-5850	PASS
	120	5774.966579	5725-5850	PASS
	132	5774.985896	5725-5850	PASS