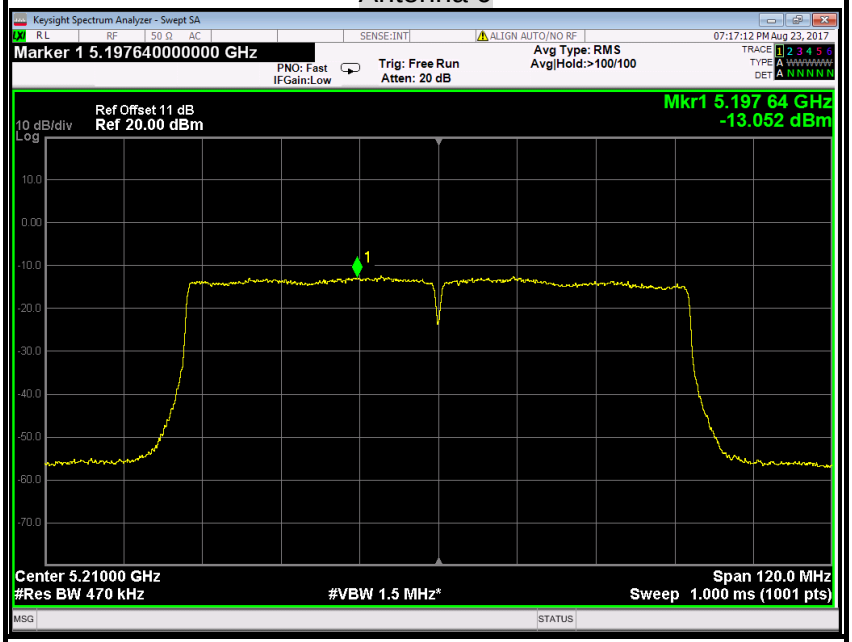
IEEE 802.11ac 80 mode / 5210MHz

PPSD

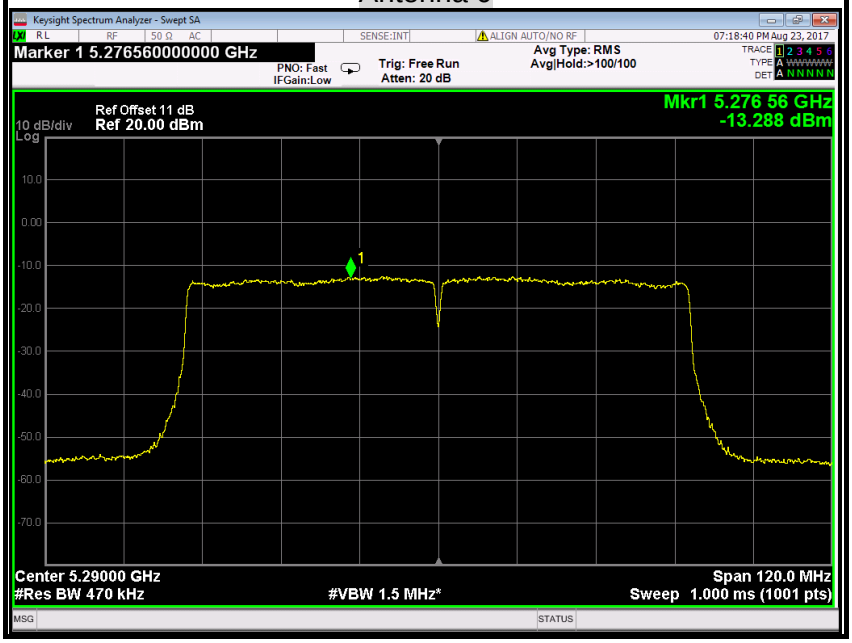
Antenna 0



IEEE 802.11ac 80 mode / 5290MHz

PPSD

Antenna 0



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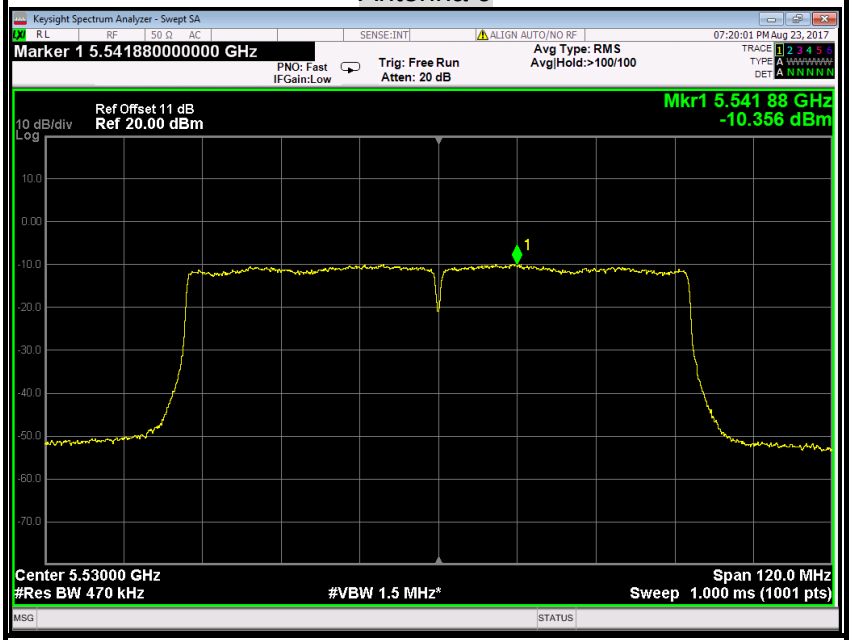
IEEE 802.11ac 80 mode / 5530MHz

PPSD

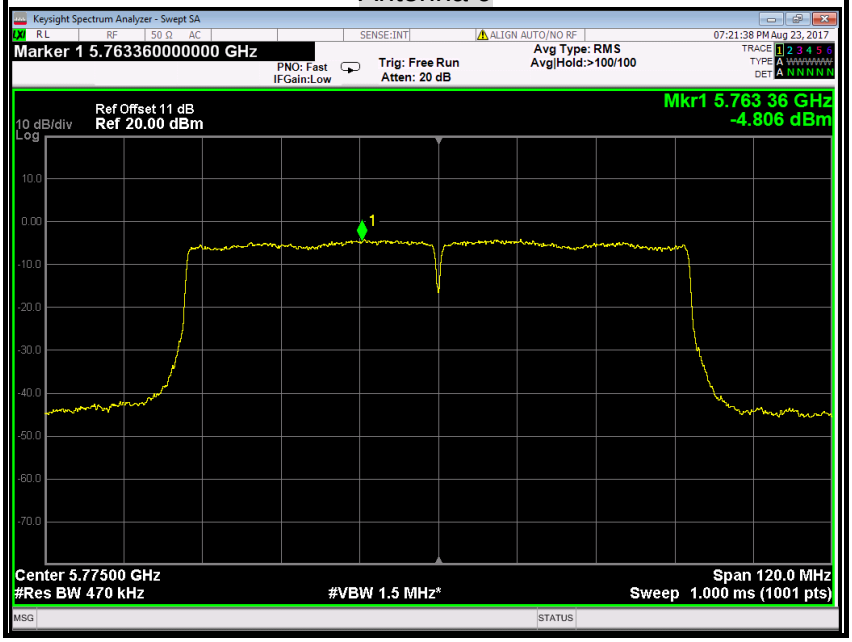
Antenna 0



IEEE 802.11ac 80 mode / 5775MHz

PPSD

Antenna 0



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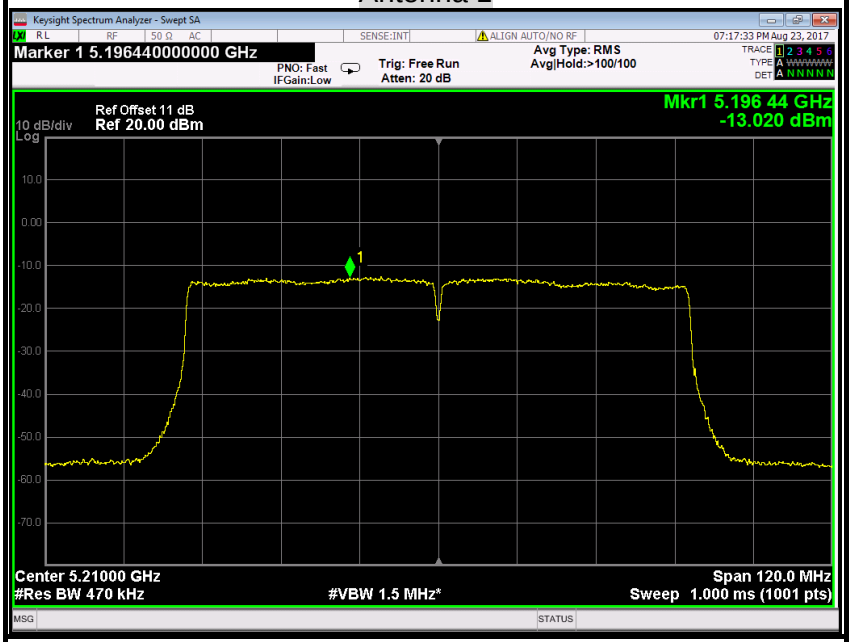
IEEE 802.11ac 80 mode / 5210MHz

PPSD

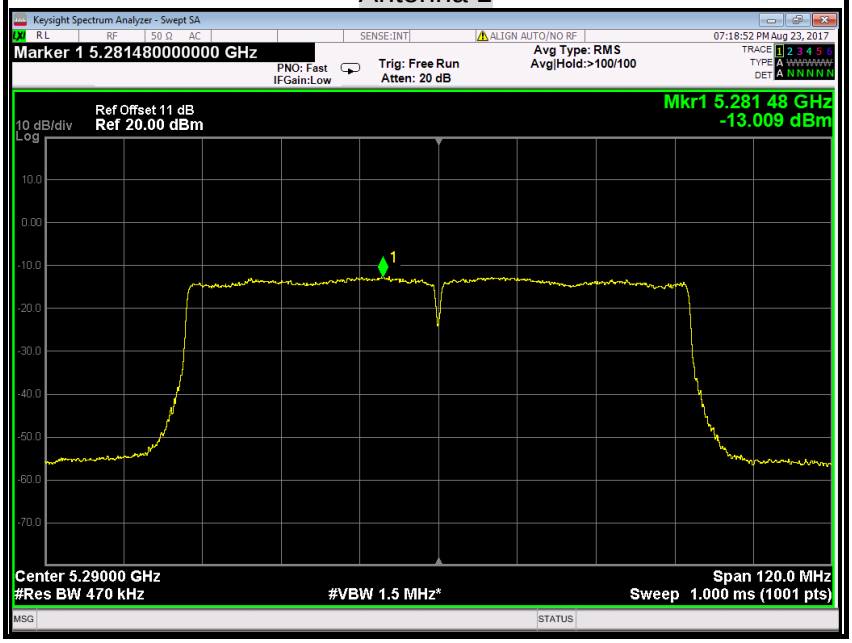
Antenna 1



IEEE 802.11ac 80 mode / 5290MHz

PPSD

Antenna 1



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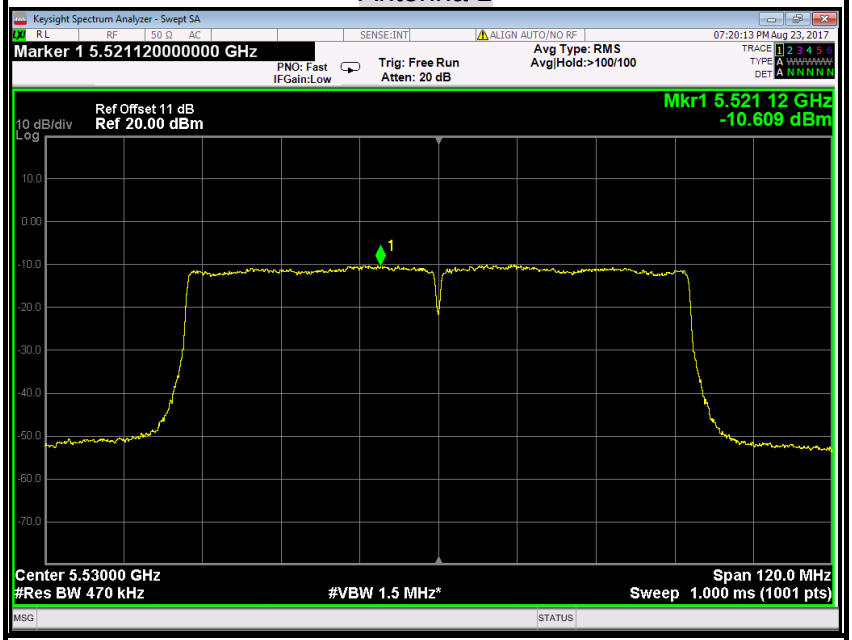
IEEE 802.11ac 80 mode / 5530MHz

PPSD

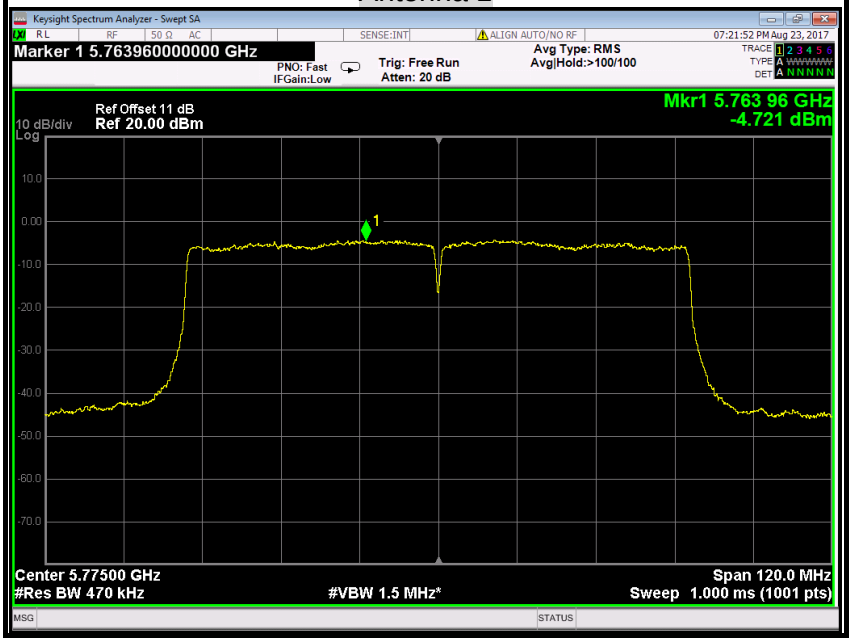
Antenna 1



IEEE 802.11ac 80 mode / 5775MHz

PPSD

Antenna 1



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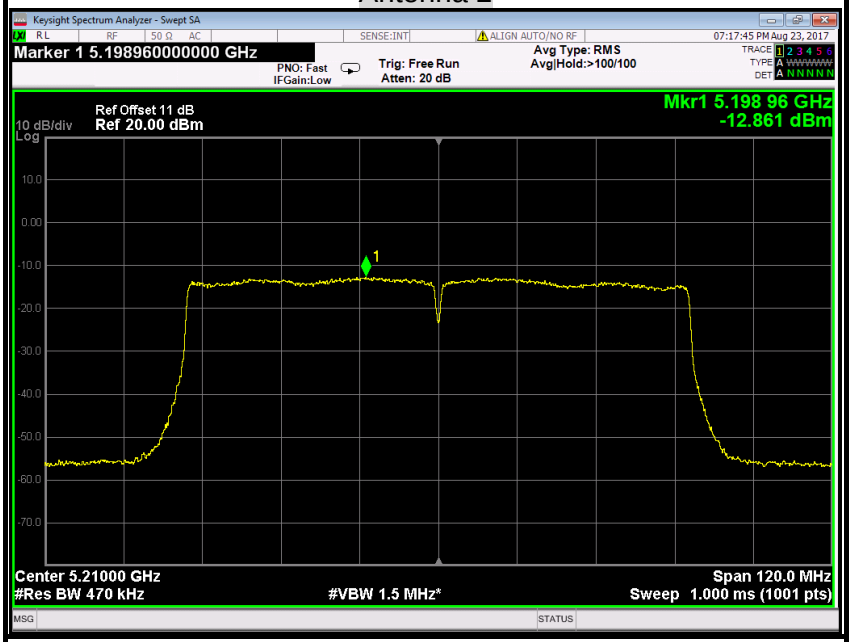
IEEE 802.11ac 80 mode / 5210MHz

PPSD

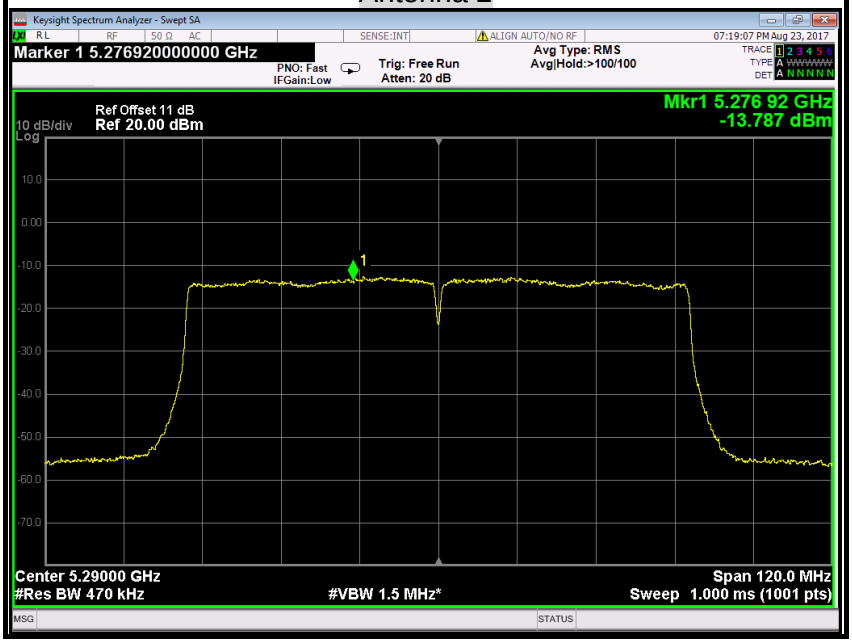
Antenna 2



IEEE 802.11ac 80 mode / 5290MHz

PPSD

Antenna 2



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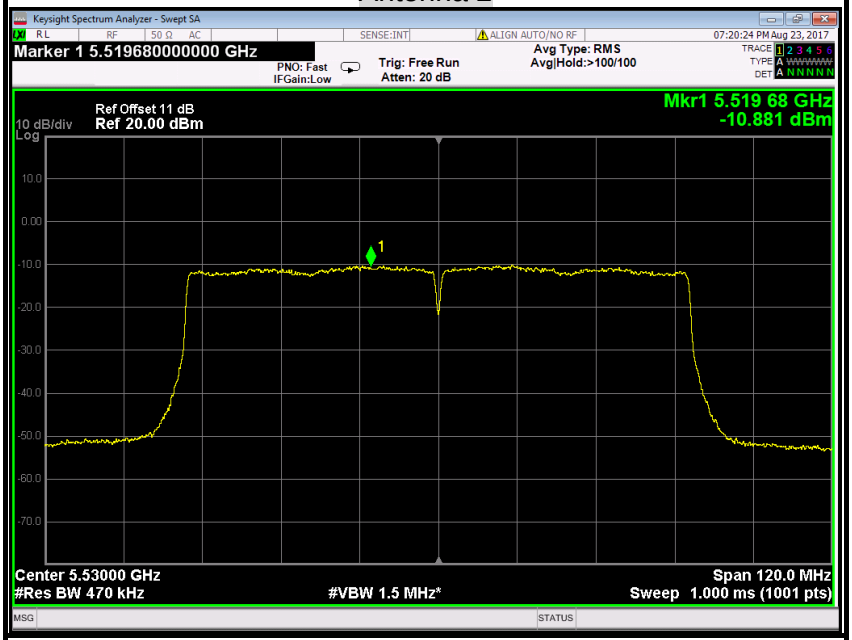
IEEE 802.11ac 80 mode / 5530MHz

PPSD

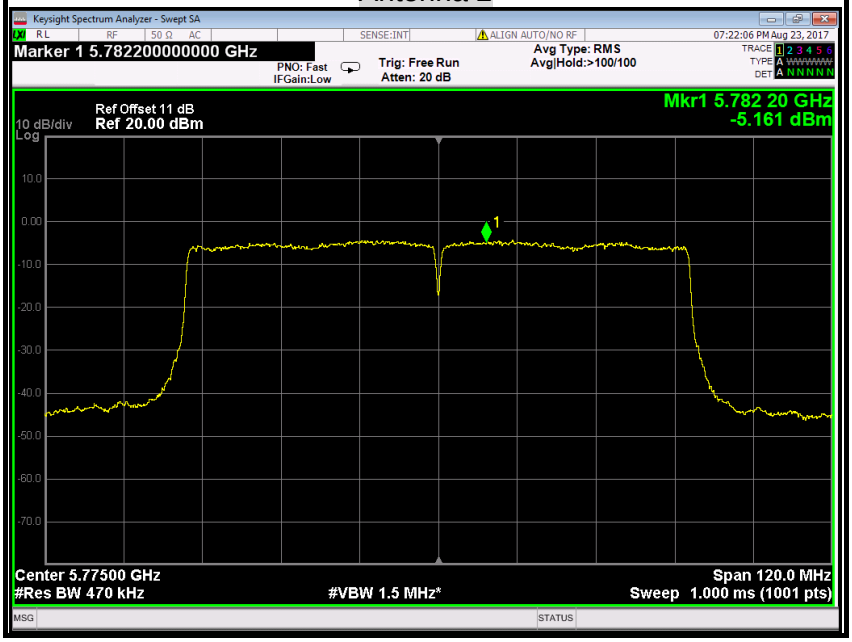
Antenna 2



IEEE 802.11ac 80 mode / 5775MHz

PPSD

Antenna 2



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6.7 RADIATED UNDESIABLE EMISSION

6.7.1 LIMIT

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

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500	3

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

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

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

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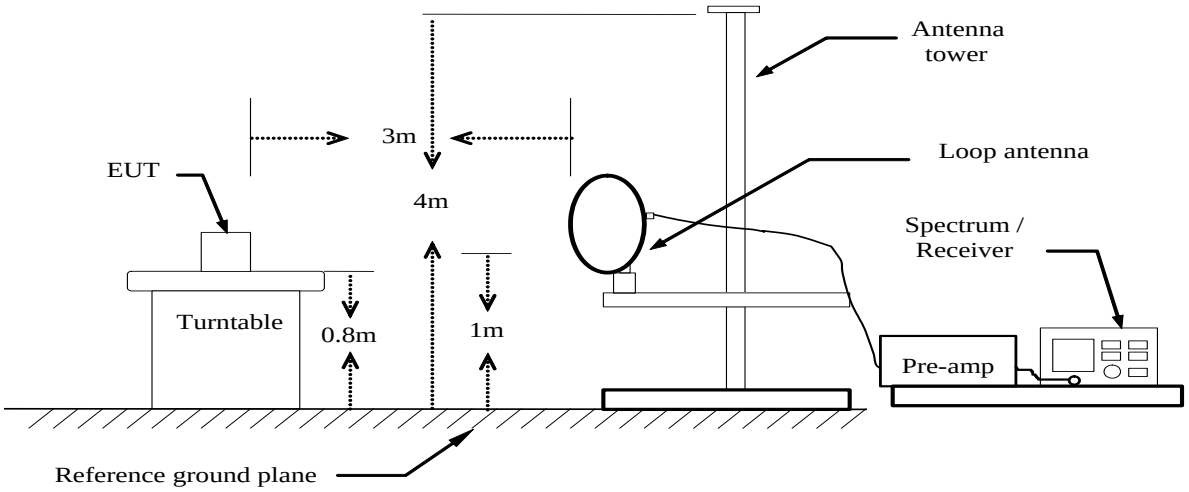
6.7.2 TEST INSTRUMENTS

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	02/27/2018
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170-497	02/27/2017	02/27/2018
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



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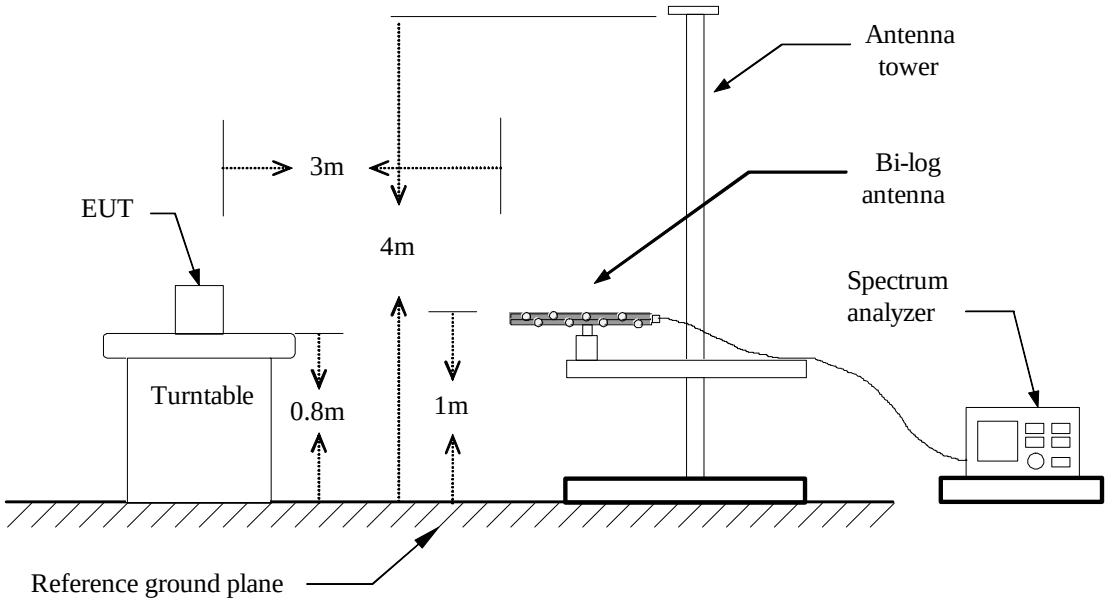
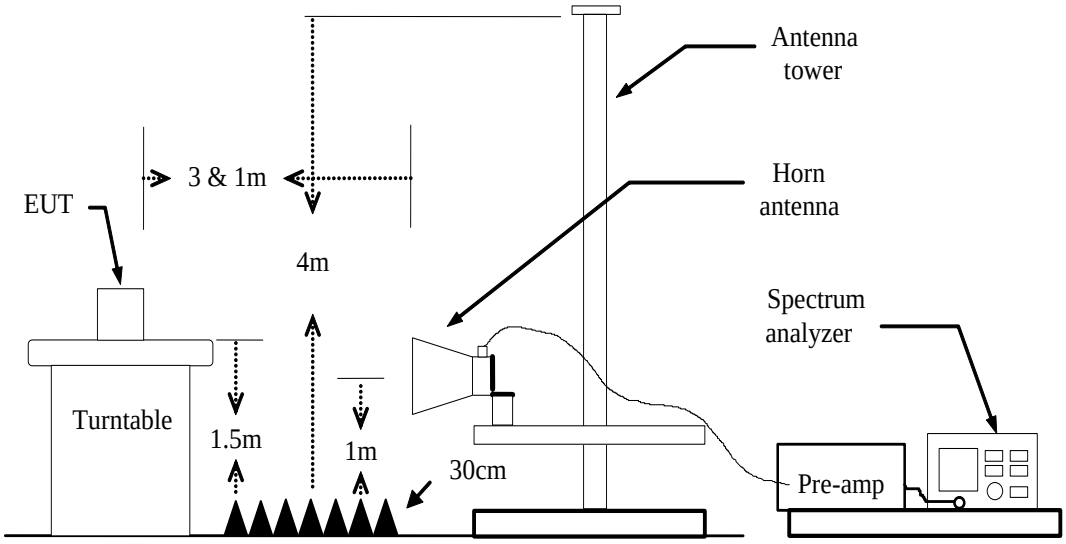
Below 1 GHz



Above 1 GHz



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

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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 / 1/T for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/T 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

6.7.5TEST 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.

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--- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

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

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

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

2) Sequence of testing 30 MHz to 1 GHz

Setup:

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

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

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

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

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

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

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

--- The antenna is polarized vertical and horizontal.

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

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

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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 (± 45°) and antenna movement between 1 and 4 meter.

--- The final measurement will be done with QP detector with an EMI receiver.

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

3) Sequence of testing 1 GHz to 18 GHz

Setup:

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

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

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

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

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

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

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

--- The antenna is polarized vertical and horizontal.

--- The antenna height scan range is 1 meter to 2.5 meter.

--- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

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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 (± 45°) 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.

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6.7.6 DATA SAPLE

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

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6.7.7 TEST RESULTS

Below 1 GHz

Test Mode: TX / IEEE 802.11a / 5180MHz /(CH Low) **Tested by:** Sam Zeng

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
37.7600	50.50	-15.48	35.02	40.00	-4.98	V	QP
93.0500	55.31	-24.42	30.89	43.50	-12.61	V	QP
210.4200	43.38	-21.46	21.92	43.50	-21.58	V	QP
375.3200	41.81	-16.82	24.99	46.00	-21.01	V	QP
540.2200	39.60	-13.28	26.32	46.00	-19.68	V	QP
624.6100	39.18	-12.73	26.45	46.00	-19.55	V	QP
56.1900	46.52	-23.02	23.50	40.00	-16.50	H	QP
113.4200	46.69	-21.59	25.10	43.50	-18.40	H	QP
250.1900	46.75	-21.06	25.69	46.00	-20.31	H	QP
375.3200	43.80	-16.82	26.98	46.00	-19.02	H	QP
500.4500	39.08	-14.35	24.73	46.00	-21.27	H	QP
624.6100	42.31	-12.73	29.58	46.00	-16.42	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).

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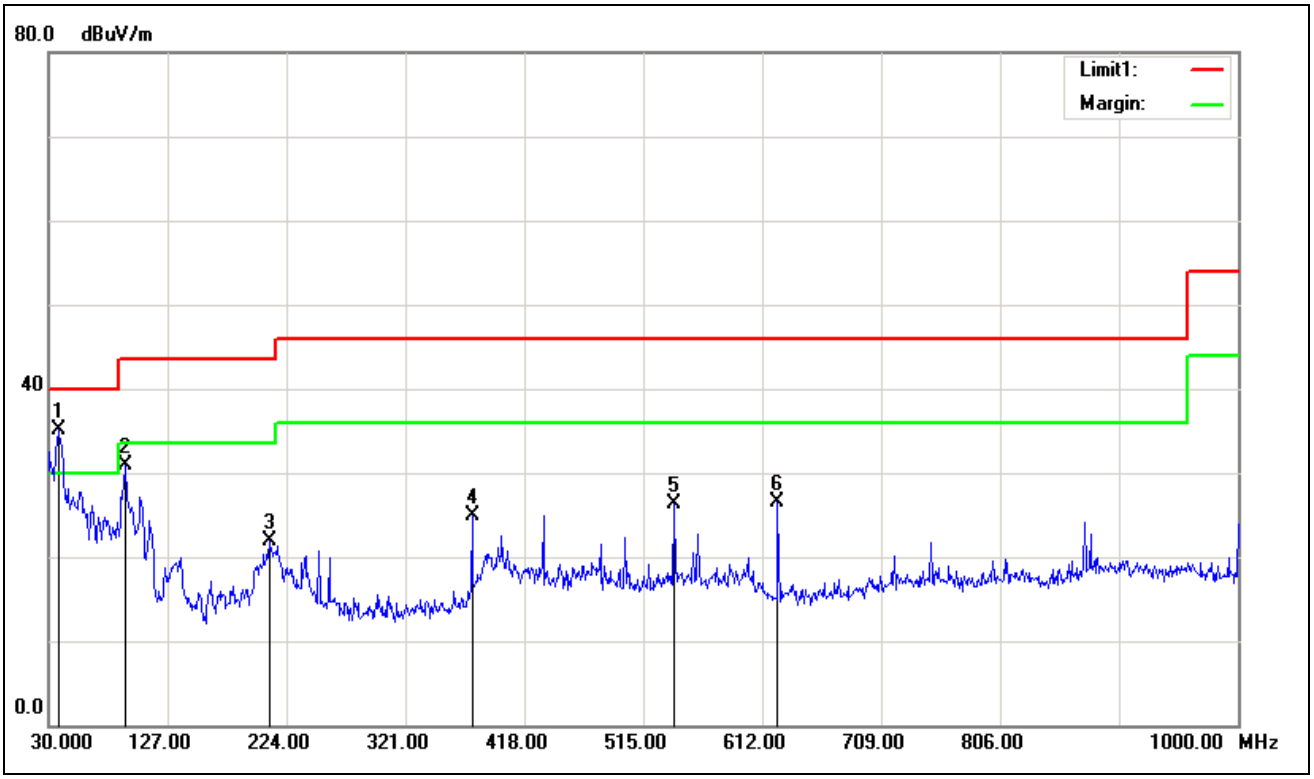
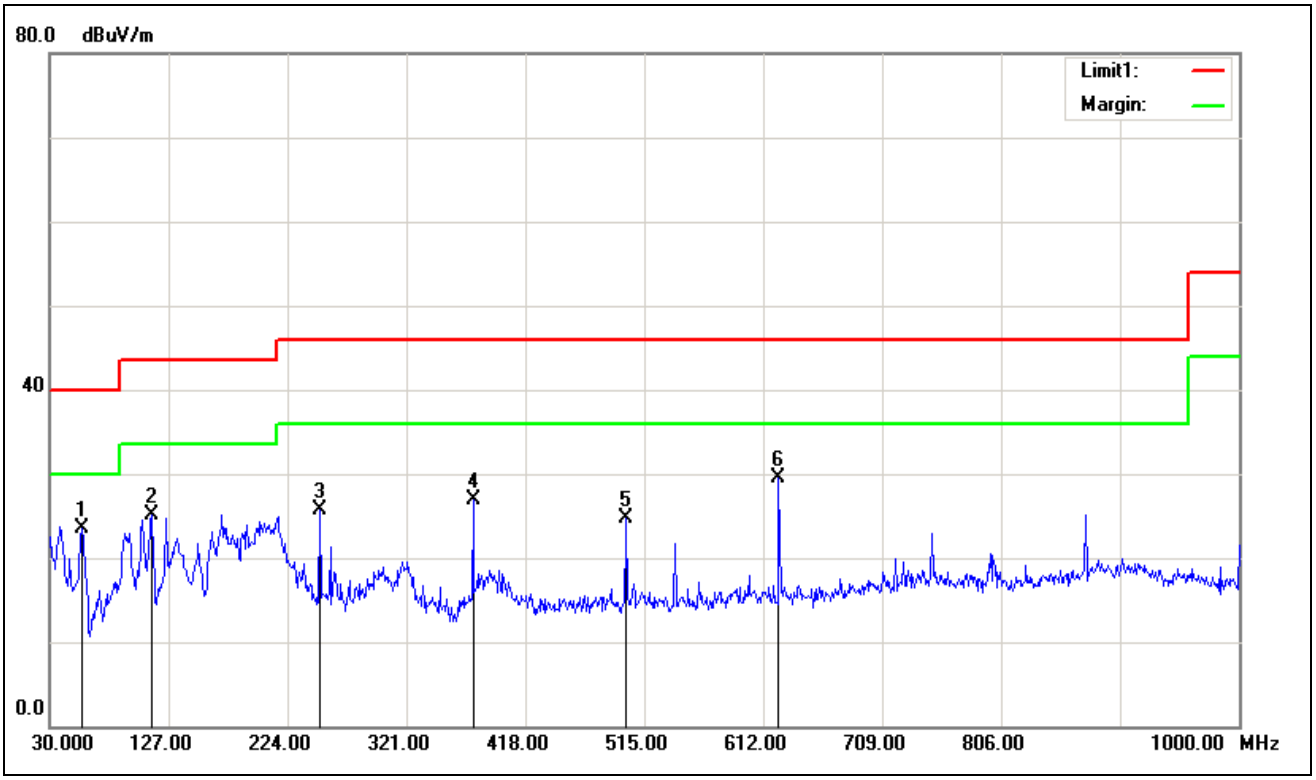
Vertical



Horizontal



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Above 1~6GHz

Test Mode: TX / IEEE 802.11a / 5180MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1350.000	48.36	-7.24	41.12	68.23	-27.11	V	peak
1760.000	47.49	-6.36	41.13	68.23	-27.10	V	peak
2250.000	44.49	-3.63	40.86	68.23	-27.37	V	peak
3075.000	43.29	-1.23	42.06	68.23	-26.17	V	peak
4135.000	42.47	2.07	44.54	68.23	-23.69	V	peak
4960.000	47.76	4.85	52.61	68.23	-15.62	V	peak
4960.000	36.81	4.85	41.66	54.00	-12.34	V	AVG
1500.000	49.37	-6.88	42.49	68.23	-25.74	H	Peak
1760.000	47.92	-6.36	41.56	68.23	-26.67	H	Peak
2385.000	45.79	-2.89	42.90	68.23	-25.33	H	Peak
3080.000	42.63	-1.23	41.40	68.23	-26.83	H	peak
3620.000	44.69	-0.01	44.68	68.23	-23.55	H	peak
4960.000	46.03	4.85	50.88	68.23	-17.35	H	peak

Remark:

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

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6828.000	31.93	7.42	39.35	68.23	-28.88	V	peak
7272.000	31.96	8.23	40.19	68.23	-28.04	V	peak
7968.000	31.97	9.59	41.56	68.23	-26.67	V	peak
8664.000	31.19	9.28	40.47	68.23	-27.76	V	peak
9816.000	30.43	11.45	41.88	68.23	-26.35	V	peak
10704.000	30.46	14.16	44.62	68.23	-23.61	V	peak
6864.000	31.80	7.48	39.28	68.23	-28.95	H	Peak
7656.000	31.88	8.98	40.86	68.23	-27.37	H	Peak
8964.000	31.39	9.12	40.51	68.23	-27.72	H	Peak
9972.000	30.89	11.90	42.79	68.23	-25.44	H	peak
11460.000	30.96	14.88	45.84	68.23	-22.39	H	peak
13008.000	29.03	17.97	47.00	68.23	-21.23	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).

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Test Mode: TX / IEEE 802.11a / 5200MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6876.000	31.88	7.50	39.38	68.23	-28.85	V	peak
8052.000	32.08	9.62	41.70	68.23	-26.53	V	peak
9348.000	30.95	10.10	41.05	68.23	-27.18	V	peak
10968.000	29.84	14.98	44.82	68.23	-23.41	V	peak
11832.000	30.58	14.71	45.29	68.23	-22.94	V	peak
14028.000	31.29	20.60	51.89	68.23	-16.34	V	peak
6372.000	32.34	6.68	39.02	68.23	-29.21	H	Peak
7092.000	31.55	7.88	39.43	68.23	-28.80	H	Peak
8052.000	32.05	9.62	41.67	68.23	-26.56	H	Peak
9816.000	30.37	11.45	41.82	68.23	-26.41	H	peak
11244.000	31.12	14.97	46.09	68.23	-22.14	H	peak
12720.000	29.27	17.02	46.29	68.23	-21.94	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).

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Test Mode: TX / IEEE 802.11a / 5240MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	32.38	7.34	39.72	68.23	-28.51	V	peak
7704.000	31.81	9.07	40.88	68.23	-27.35	V	peak
8196.000	32.26	9.54	41.80	68.23	-26.43	V	peak
9408.000	31.18	10.28	41.46	68.23	-26.77	V	peak
10248.000	30.92	12.75	43.67	68.23	-24.56	V	peak
11136.000	32.01	15.02	47.03	68.23	-21.20	V	peak
7392.000	31.37	8.46	39.83	68.23	-28.40	H	Peak
8364.000	32.45	9.45	41.90	68.23	-26.33	H	Peak
9408.000	30.93	10.28	41.21	68.23	-27.02	H	Peak
11160.000	31.64	15.01	46.65	68.23	-21.58	H	peak
12420.000	30.05	16.03	46.08	68.23	-22.15	H	peak
13452.000	28.46	19.14	47.60	68.23	-20.63	H	peak

Remark:

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

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Test Mode: TX / IEEE 802.11a / 5260MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7500.000	31.37	8.68	40.05	68.23	-28.18	V	peak
8172.000	31.71	9.56	41.27	68.23	-26.96	V	peak
9696.000	30.87	11.10	41.97	68.23	-26.26	V	peak
10956.000	30.05	14.94	44.99	68.23	-23.24	V	peak
11412.000	31.44	14.90	46.34	68.23	-21.89	V	peak
12672.000	29.59	16.86	46.45	68.23	-21.78	V	peak
6840.000	32.40	7.44	39.84	68.23	-28.39	H	Peak
8436.000	32.30	9.41	41.71	68.23	-26.52	H	Peak
9672.000	30.82	11.04	41.86	68.23	-26.37	H	Peak
11244.000	31.06	14.97	46.03	68.23	-22.20	H	peak
12492.000	29.81	16.27	46.08	68.23	-22.15	H	peak
13764.000	30.67	19.96	50.63	68.23	-17.60	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).

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Test Mode: TX / IEEE 802.11a / 5300MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6708.000	31.97	7.23	39.20	68.23	-29.03	V	peak
8184.000	31.89	9.55	41.44	68.23	-26.79	V	peak
9060.000	31.32	9.27	40.59	68.23	-27.64	V	peak
10800.000	30.25	14.46	44.71	68.23	-23.52	V	peak
11136.000	31.50	15.02	46.52	68.23	-21.71	V	peak
12612.000	29.75	16.67	46.42	68.23	-21.81	V	peak
6468.000	32.42	6.84	39.26	68.23	-28.97	H	Peak
7536.000	31.70	8.75	40.45	68.23	-27.78	H	Peak
8304.000	31.97	9.48	41.45	68.23	-26.78	H	Peak
10224.000	30.20	12.67	42.87	68.23	-25.36	H	peak
11136.000	31.51	15.02	46.53	68.23	-21.70	H	peak
13440.000	29.07	19.11	48.18	68.23	-20.05	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).

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Test Mode: TX / IEEE 802.11a / 5320MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7044.000	31.55	7.79	39.34	68.23	-28.89	V	peak
8124.000	31.66	9.58	41.24	68.23	-26.99	V	peak
9228.000	30.97	9.76	40.73	68.23	-27.50	V	peak
11292.000	31.71	14.95	46.66	68.23	-21.57	V	peak
12444.000	29.69	16.11	45.80	68.23	-22.43	V	peak
13788.000	30.55	20.02	50.57	68.23	-17.66	V	peak
6792.000	32.00	7.36	39.36	68.23	-28.87	H	Peak
7632.000	31.74	8.93	40.67	68.23	-27.56	H	Peak
8412.000	31.91	9.42	41.33	68.23	-26.90	H	Peak
9780.000	30.06	11.35	41.41	68.23	-26.82	H	peak
11148.000	31.22	15.01	46.23	68.23	-22.00	H	peak
12096.000	30.17	14.96	45.13	68.23	-23.10	H	peak

Remark:

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

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Test Mode: TX / IEEE 802.11a / 5500MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7008.000	31.87	7.72	39.59	68.23	-28.64	V	peak
8052.000	31.65	9.62	41.27	68.23	-26.96	V	peak
8928.000	31.81	9.14	40.95	68.23	-27.28	V	peak
10692.000	30.42	14.13	44.55	68.23	-23.68	V	peak
11544.000	30.83	14.84	45.67	68.23	-22.56	V	peak
13140.000	29.08	18.32	47.40	68.23	-20.83	V	peak
6852.000	31.58	7.46	39.04	68.23	-29.19	H	Peak
8040.000	31.74	9.63	41.37	68.23	-26.86	H	Peak
9000.000	31.46	9.10	40.56	68.23	-27.67	H	Peak
10032.000	30.88	12.08	42.96	68.23	-25.27	H	peak
11004.000	31.78	15.08	46.86	68.23	-21.37	H	peak
13968.000	30.48	20.50	50.98	68.23	-17.25	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).

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Test Mode: TX / IEEE 802.11a / 5580MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6912.000	31.77	7.56	39.33	68.23	-28.90	V	peak
8424.000	31.63	9.42	41.05	68.23	-27.18	V	peak
9576.000	30.59	10.76	41.35	68.23	-26.88	V	peak
11136.000	31.37	15.02	46.39	68.23	-21.84	V	peak
12072.000	30.47	14.88	45.35	68.23	-22.88	V	peak
13260.000	29.13	18.63	47.76	68.23	-20.47	V	peak
6744.000	31.60	7.29	38.89	68.23	-29.34	H	Peak
8100.000	31.92	9.60	41.52	68.23	-26.71	H	Peak
9372.000	30.86	10.17	41.03	68.23	-27.20	H	peak
10248.000	30.34	12.75	43.09	68.23	-25.14	H	peak
11160.000	33.87	15.01	48.88	68.23	-19.35	H	peak
12120.000	30.77	15.04	45.81	68.23	-22.42	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).

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Test Mode: TX / IEEE 802.11a / 5700MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6696.000	32.50	7.21	39.71	68.23	-28.52	V	peak
8076.000	32.06	9.61	41.67	68.23	-26.56	V	peak
9072.000	31.77	9.31	41.08	68.23	-27.15	V	peak
10140.000	30.49	12.41	42.90	68.23	-25.33	V	peak
11172.000	31.43	15.00	46.43	68.23	-21.80	V	peak
12156.000	30.06	15.16	45.22	68.23	-23.01	V	peak
7908.000	31.41	9.47	40.88	68.23	-27.35	H	Peak
9048.000	31.68	9.24	40.92	68.23	-27.31	H	Peak
10332.000	30.50	13.01	43.51	68.23	-24.72	H	Peak
11400.000	33.88	14.90	48.78	68.23	-19.45	H	peak
12396.000	29.54	15.95	45.49	68.23	-22.74	H	peak
14364.000	31.00	20.79	51.79	68.23	-16.44	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).

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Test Mode: TX / IEEE 802.11a / 5745MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7116.000	31.72	7.93	39.65	68.23	-28.58	V	peak
8112.000	31.89	9.59	41.48	68.23	-26.75	V	peak
9336.000	31.41	10.07	41.48	68.23	-26.75	V	peak
10728.000	30.46	14.24	44.70	68.23	-23.53	V	peak
12564.000	29.86	16.51	46.37	68.23	-21.86	V	peak
13980.000	30.33	20.53	50.86	68.23	-17.37	V	peak
6864.000	32.04	7.48	39.52	68.23	-28.71	H	Peak
8040.000	31.74	9.63	41.37	68.23	-26.86	H	Peak
9828.000	30.80	11.48	42.28	68.23	-25.95	H	Peak
10776.000	30.63	14.39	45.02	68.23	-23.21	H	peak
11484.000	32.45	14.87	47.32	68.23	-20.91	H	peak
12984.000	29.15	17.90	47.05	68.23	-21.18	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).

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Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6792.000	31.80	7.36	39.16	68.23	-29.07	V	peak
8184.000	32.02	9.55	41.57	68.23	-26.66	V	peak
9348.000	31.31	10.10	41.41	68.23	-26.82	V	peak
10488.000	30.06	13.49	43.55	68.23	-24.68	V	peak
11184.000	31.28	15.00	46.28	68.23	-21.95	V	peak
12648.000	29.68	16.78	46.46	68.23	-21.77	V	peak
6948.000	31.87	7.62	39.49	68.23	-28.74	H	Peak
7728.000	31.58	9.12	40.70	68.23	-27.53	H	Peak
8940.000	31.51	9.13	40.64	68.23	-27.59	H	Peak
10584.000	30.27	13.79	44.06	68.23	-24.17	H	peak
11508.000	31.03	14.86	45.89	68.23	-22.34	H	peak
12648.000	29.68	16.78	46.46	68.23	-21.77	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).

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Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6312.000	32.57	6.59	39.16	68.23	-29.07	V	peak
7656.000	31.73	8.98	40.71	68.23	-27.52	V	peak
8364.000	32.18	9.45	41.63	68.23	-26.60	V	peak
9780.000	30.14	11.35	41.49	68.23	-26.74	V	peak
10788.000	30.59	14.42	45.01	68.23	-23.22	V	peak
11964.000	31.06	14.66	45.72	68.23	-22.51	V	peak
6840.000	32.16	7.44	39.60	68.23	-28.63	H	Peak
8112.000	31.86	9.59	41.45	68.23	-26.78	H	Peak
9036.000	31.45	9.20	40.65	68.23	-27.58	H	Peak
10152.000	31.09	12.45	43.54	68.23	-24.69	H	peak
11244.000	32.06	14.97	47.03	68.23	-21.20	H	peak
12024.000	30.98	14.72	45.70	68.23	-22.53	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).

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Antenna 1

Test Mode: TX / IEEE 802.11a / 5180MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7032.000	32.11	7.76	39.87	68.23	-28.36	V	peak
8016.000	31.68	9.64	41.32	68.23	-26.91	V	peak
9336.000	31.20	10.07	41.27	68.23	-26.96	V	peak
10008.000	30.86	12.00	42.86	68.23	-25.37	V	peak
11004.000	30.05	15.08	45.13	68.23	-23.10	V	peak
12060.000	30.42	14.84	45.26	68.23	-22.97	V	peak
6600.000	32.40	7.05	39.45	68.23	-28.78	H	Peak
7884.000	31.39	9.42	40.81	68.23	-27.42	H	Peak
9120.000	31.12	9.45	40.57	68.23	-27.66	H	Peak
10104.000	30.74	12.30	43.04	68.23	-25.19	H	peak
10992.000	30.05	15.06	45.11	68.23	-23.12	H	peak
12024.000	30.55	14.72	45.27	68.23	-22.96	H	peak

Remark:

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

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Test Mode: TX / IEEE 802.11a / 5200MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6756.000	32.11	7.30	39.41	68.23	-28.82	V	peak
7980.000	32.06	9.61	41.67	68.23	-26.56	V	peak
9048.000	31.27	9.24	40.51	68.23	-27.72	V	peak
9852.000	30.79	11.55	42.34	68.23	-25.89	V	peak
11160.000	31.58	15.01	46.59	68.23	-21.64	V	peak
11868.000	30.58	14.70	45.28	68.23	-22.95	V	peak
7068.000	31.79	7.83	39.62	68.23	-28.61	H	Peak
7908.000	31.87	9.47	41.34	68.23	-26.89	H	Peak
9024.000	31.68	9.17	40.85	68.23	-27.38	H	Peak
10260.000	30.16	12.79	42.95	68.23	-25.28	H	peak
11160.000	31.25	15.01	46.26	68.23	-21.97	H	peak
12420.000	30.06	16.03	46.09	68.23	-22.14	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).

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Test Mode: TX / IEEE 802.11a / 5240MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	32.24	7.34	39.58	68.23	-28.65	V	peak
8388.000	31.83	9.44	41.27	68.23	-26.96	V	peak
9372.000	31.27	10.17	41.44	68.23	-26.79	V	peak
10680.000	30.72	14.09	44.81	68.23	-23.42	V	peak
11388.000	31.13	14.91	46.04	68.23	-22.19	V	peak
13104.000	29.13	18.22	47.35	68.23	-20.88	V	peak
6852.000	32.23	7.46	39.69	68.23	-28.54	H	Peak
8364.000	31.95	9.45	41.40	68.23	-26.83	H	Peak
10116.000	30.43	12.34	42.77	68.23	-25.46	H	Peak
11316.000	31.37	14.94	46.31	68.23	-21.92	H	peak
12612.000	29.87	16.67	46.54	68.23	-21.69	H	peak
13788.000	31.00	20.02	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).

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Test Mode: TX / IEEE 802.11a / 5260MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6816.000	31.81	7.40	39.21	68.23	-29.02	V	peak
7368.000	32.21	8.42	40.63	68.23	-27.60	V	peak
8580.000	30.87	9.33	40.20	68.23	-28.03	V	peak
9924.000	30.75	11.76	42.51	68.23	-25.72	V	peak
11136.000	31.02	15.02	46.04	68.23	-22.19	V	peak
11508.000	30.87	14.86	45.73	68.23	-22.50	V	peak
6792.000	32.08	7.36	39.44	68.23	-28.79	H	Peak
8028.000	31.55	9.63	41.18	68.23	-27.05	H	Peak
9348.000	30.70	10.10	40.80	68.23	-27.43	H	Peak
10512.000	31.25	13.57	44.82	68.23	-23.41	H	peak
11556.000	30.82	14.84	45.66	68.23	-22.57	H	peak
12984.000	29.07	17.90	46.97	68.23	-21.26	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).

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Test Mode: TX / IEEE 802.11a / 5300MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7596.000	31.85	8.86	40.71	68.23	-27.52	V	peak
8352.000	32.05	9.46	41.51	68.23	-26.72	V	peak
9372.000	32.27	10.17	42.44	68.23	-25.79	V	peak
10692.000	31.04	14.13	45.17	68.23	-23.06	V	peak
11436.000	31.13	14.89	46.02	68.23	-22.21	V	peak
13320.000	28.84	18.79	47.63	68.23	-20.60	V	peak
7068.000	31.67	7.83	39.50	68.23	-28.73	H	Peak
8760.000	31.14	9.23	40.37	68.23	-27.86	H	Peak
10152.000	30.46	12.45	42.91	68.23	-25.32	H	Peak
11016.000	30.30	15.07	45.37	68.23	-22.86	H	peak
12108.000	30.65	15.00	45.65	68.23	-22.58	H	peak
13284.000	29.15	18.70	47.85	68.23	-20.38	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).

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Test Mode: TX / IEEE 802.11a / 5320MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6480.000	32.74	6.86	39.60	68.23	-28.63	V	peak
7380.000	31.84	8.44	40.28	68.23	-27.95	V	peak
8568.000	31.27	9.34	40.61	68.23	-27.62	V	peak
9912.000	30.97	11.73	42.70	68.23	-25.53	V	peak
10920.000	29.74	14.83	44.57	68.23	-23.66	V	peak
11508.000	30.88	14.86	45.74	68.23	-22.49	V	peak
7032.000	31.82	7.76	39.58	68.23	-28.65	H	Peak
7980.000	31.48	9.61	41.09	68.23	-27.14	H	Peak
9348.000	30.90	10.10	41.00	68.23	-27.23	H	Peak
10644.000	32.37	13.98	46.35	68.23	-21.88	H	peak
11184.000	31.58	15.00	46.58	68.23	-21.65	H	peak
12576.000	29.84	16.55	46.39	68.23	-21.84	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).

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Test Mode: TX / IEEE 802.11a / 5500MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6660.000	31.86	7.15	39.01	68.23	-29.22	V	peak
7644.000	31.44	8.96	40.40	68.23	-27.83	V	peak
8928.000	31.40	9.14	40.54	68.23	-27.69	V	peak
10668.000	30.59	14.05	44.64	68.23	-23.59	V	peak
11148.000	31.80	15.01	46.81	68.23	-21.42	V	peak
12072.000	30.93	14.88	45.81	68.23	-22.42	V	peak
6948.000	31.90	7.62	39.52	68.23	-28.71	H	Peak
8388.000	31.80	9.44	41.24	68.23	-26.99	H	Peak
9360.000	31.46	10.14	41.60	68.23	-26.63	H	Peak
10356.000	30.35	13.08	43.43	68.23	-24.80	H	peak
11148.000	31.23	15.01	46.24	68.23	-21.99	H	peak
12816.000	28.95	17.34	46.29	68.23	-21.94	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).

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Test Mode: TX / IEEE 802.11a / 5580MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	31.76	7.34	39.10	68.23	-29.13	V	peak
8100.000	31.56	9.60	41.16	68.23	-27.07	V	peak
8940.000	31.54	9.13	40.67	68.23	-27.56	V	peak
10668.000	30.48	14.05	44.53	68.23	-23.70	V	peak
11832.000	30.31	14.71	45.02	68.23	-23.21	V	peak
13680.000	30.60	19.74	50.34	68.23	-17.89	V	peak
6732.000	31.88	7.27	39.15	68.23	-29.08	H	Peak
8364.000	31.65	9.45	41.10	68.23	-27.13	H	Peak
9108.000	31.58	9.41	40.99	68.23	-27.24	H	Peak
10140.000	30.81	12.41	43.22	68.23	-25.01	H	peak
11160.000	34.01	15.01	49.02	68.23	-19.21	H	peak
12456.000	29.64	16.15	45.79	68.23	-22.44	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).

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Test Mode: TX / IEEE 802.11a / 5700MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6816.000	32.17	7.40	39.57	68.23	-28.66	V	peak
8076.000	31.85	9.61	41.46	68.23	-26.77	V	peak
9096.000	31.18	9.38	40.56	68.23	-27.67	V	peak
10260.000	30.29	12.79	43.08	68.23	-25.15	V	peak
11304.000	31.07	14.95	46.02	68.23	-22.21	V	peak
12576.000	30.11	16.55	46.66	68.23	-21.57	V	peak
7692.000	31.59	9.05	40.64	68.23	-27.59	H	Peak
9024.000	31.72	9.17	40.89	68.23	-27.34	H	Peak
10284.000	30.27	12.86	43.13	68.23	-25.10	H	Peak
11400.000	33.45	14.90	48.35	68.23	-19.88	H	peak
12936.000	28.78	17.74	46.52	68.23	-21.71	H	peak
14076.000	30.52	20.62	51.14	68.23	-17.09	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).

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Test Mode: TX / IEEE 802.11a / 5745MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6828.000	32.14	7.42	39.56	68.23	-28.67	V	peak
8100.000	32.37	9.60	41.97	68.23	-26.26	V	peak
9660.000	30.54	11.00	41.54	68.23	-26.69	V	peak
11016.000	30.19	15.07	45.26	68.23	-22.97	V	peak
12384.000	30.33	15.91	46.24	68.23	-21.99	V	peak
13980.000	30.42	20.53	50.95	68.23	-17.28	V	peak
6264.000	32.27	6.51	38.78	68.23	-29.45	H	Peak
7200.000	31.33	8.09	39.42	68.23	-28.81	H	Peak
8424.000	31.44	9.42	40.86	68.23	-27.37	H	Peak
9648.000	30.50	10.97	41.47	68.23	-26.76	H	peak
10512.000	30.01	13.57	43.58	68.23	-24.65	H	peak
11496.000	33.03	14.86	47.89	68.23	-20.34	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).

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Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6936.000	31.98	7.60	39.58	68.23	-28.65	V	peak
8112.000	31.72	9.59	41.31	68.23	-26.92	V	peak
8544.000	31.34	9.35	40.69	68.23	-27.54	V	peak
9960.000	30.91	11.86	42.77	68.23	-25.46	V	peak
11160.000	31.27	15.01	46.28	68.23	-21.95	V	peak
11940.000	30.73	14.67	45.40	68.23	-22.83	V	peak
6456.000	32.02	6.82	38.84	68.23	-29.39	H	Peak
8016.000	31.77	9.64	41.41	68.23	-26.82	H	Peak
9468.000	31.03	10.45	41.48	68.23	-26.75	H	Peak
10620.000	30.37	13.90	44.27	68.23	-23.96	H	peak
11568.000	33.02	14.83	47.85	68.23	-20.38	H	peak
12528.000	30.20	16.39	46.59	68.23	-21.64	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).

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Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6708.000	32.11	7.23	39.34	68.23	-28.89	V	peak
8148.000	32.20	9.57	41.77	68.23	-26.46	V	peak
8988.000	31.53	9.11	40.64	68.23	-27.59	V	peak
9900.000	31.16	11.69	42.85	68.23	-25.38	V	peak
10956.000	29.95	14.94	44.89	68.23	-23.34	V	peak
11460.000	31.45	14.88	46.33	68.23	-21.90	V	peak
6708.000	31.99	7.23	39.22	68.23	-29.01	H	Peak
7752.000	32.35	9.17	41.52	68.23	-26.71	H	Peak
9252.000	30.82	9.83	40.65	68.23	-27.58	H	Peak
10716.000	30.23	14.20	44.43	68.23	-23.80	H	peak
11652.000	32.84	14.79	47.63	68.23	-20.60	H	peak
13008.000	29.21	17.97	47.18	68.23	-21.05	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).

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Antenna 2

Test Mode: TX / IEEE 802.11a / 5180MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6768.000	31.88	7.32	39.20	68.23	-29.03	V	peak
7944.000	31.49	9.54	41.03	68.23	-27.20	V	peak
9432.000	31.02	10.34	41.36	68.23	-26.87	V	peak
10380.000	30.31	13.16	43.47	68.23	-24.76	V	peak
11484.000	31.92	14.87	46.79	68.23	-21.44	V	peak
12588.000	29.63	16.59	46.22	68.23	-22.01	V	peak
6408.000	32.33	6.74	39.07	68.23	-29.16	H	Peak
8196.000	32.01	9.54	41.55	68.23	-26.68	H	Peak
9432.000	31.46	10.34	41.80	68.23	-26.43	H	Peak
10692.000	30.97	14.13	45.10	68.23	-23.13	H	peak
12084.000	30.58	14.92	45.50	68.23	-22.73	H	peak
13140.000	29.58	18.32	47.90	68.23	-20.33	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).

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Test Mode: TX / IEEE 802.11a / 5200MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6684.000	32.12	7.19	39.31	68.23	-28.92	V	peak
7920.000	31.78	9.49	41.27	68.23	-26.96	V	peak
8976.000	31.62	9.11	40.73	68.23	-27.50	V	peak
10632.000	30.41	13.94	44.35	68.23	-23.88	V	peak
11388.000	30.98	14.91	45.89	68.23	-22.34	V	peak
12624.000	30.38	16.71	47.09	68.23	-21.14	V	peak
6360.000	31.95	6.66	38.61	68.23	-29.62	H	Peak
7404.000	31.68	8.49	40.17	68.23	-28.06	H	Peak
8028.000	31.97	9.63	41.60	68.23	-26.63	H	Peak
9444.000	31.25	10.38	41.63	68.23	-26.60	H	peak
10920.000	30.24	14.83	45.07	68.23	-23.16	H	peak
11520.000	31.11	14.85	45.96	68.23	-22.27	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).

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Test Mode: TX / IEEE 802.11a / 5240MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6792.000	31.75	7.36	39.11	68.23	-29.12	V	peak
7704.000	31.79	9.07	40.86	68.23	-27.37	V	peak
8556.000	31.44	9.34	40.78	68.23	-27.45	V	peak
10008.000	31.69	12.00	43.69	68.23	-24.54	V	peak
11244.000	31.22	14.97	46.19	68.23	-22.04	V	peak
12516.000	29.56	16.35	45.91	68.23	-22.32	V	peak
7068.000	32.05	7.83	39.88	68.23	-28.35	H	Peak
7620.000	32.76	8.91	41.67	68.23	-26.56	H	Peak
8400.000	31.91	9.43	41.34	68.23	-26.89	H	Peak
10272.000	30.92	12.82	43.74	68.23	-24.49	H	peak
11352.000	31.52	14.93	46.45	68.23	-21.78	H	peak
12600.000	30.35	16.63	46.98	68.23	-21.25	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).

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Test Mode: TX / IEEE 802.11a / 5260MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7152.000	31.88	8.00	39.88	68.23	-28.35	V	peak
8076.000	31.88	9.61	41.49	68.23	-26.74	V	peak
9444.000	30.86	10.38	41.24	68.23	-26.99	V	peak
10692.000	30.64	14.13	44.77	68.23	-23.46	V	peak
11160.000	31.40	15.01	46.41	68.23	-21.82	V	peak
12468.000	29.77	16.19	45.96	68.23	-22.27	V	peak
6384.000	31.82	6.70	38.52	68.23	-29.71	H	Peak
7092.000	31.36	7.88	39.24	68.23	-28.99	H	Peak
8628.000	31.41	9.30	40.71	68.23	-27.52	H	Peak
10524.000	30.50	13.60	44.10	68.23	-24.13	H	peak
11928.000	31.34	14.67	46.01	68.23	-22.22	H	peak
13200.000	29.23	18.48	47.71	68.23	-20.52	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).

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Test Mode: TX / IEEE 802.11a / 5300MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7032.000	31.49	7.76	39.25	68.23	-28.98	V	peak
7932.000	31.92	9.52	41.44	68.23	-26.79	V	peak
9012.000	32.49	9.13	41.62	68.23	-26.61	V	peak
10248.000	30.80	12.75	43.55	68.23	-24.68	V	peak
11148.000	31.18	15.01	46.19	68.23	-22.04	V	peak
12552.000	30.12	16.47	46.59	68.23	-21.64	V	peak
6828.000	31.52	7.42	38.94	68.23	-29.29	H	Peak
8088.000	31.84	9.60	41.44	68.23	-26.79	H	Peak
9348.000	31.52	10.10	41.62	68.23	-26.61	H	Peak
10596.000	31.95	13.83	45.78	68.23	-22.45	H	peak
11520.000	31.58	14.85	46.43	68.23	-21.80	H	peak
13164.000	29.28	18.38	47.66	68.23	-20.57	H	peak

Remark:

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

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Test Mode: TX / IEEE 802.11a / 5320MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6492.000	31.99	6.88	38.87	68.23	-29.36	V	peak
7668.000	31.99	9.00	40.99	68.23	-27.24	V	peak
8436.000	31.77	9.41	41.18	68.23	-27.05	V	peak
9444.000	30.95	10.38	41.33	68.23	-26.90	V	peak
11148.000	31.89	15.01	46.90	68.23	-21.33	V	peak
12696.000	29.66	16.94	46.60	68.23	-21.63	V	peak
6504.000	31.93	6.90	38.83	68.23	-29.40	H	Peak
7212.000	31.93	8.11	40.04	68.23	-28.19	H	Peak
8184.000	31.68	9.55	41.23	68.23	-27.00	H	Peak
9780.000	30.80	11.35	42.15	68.23	-26.08	H	peak
10632.000	31.88	13.94	45.82	68.23	-22.41	H	peak
11256.000	31.08	14.97	46.05	68.23	-22.18	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).

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Test Mode: TX / IEEE 802.11a / 5500MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6936.000	31.85	7.60	39.45	68.23	-28.78	V	peak
8004.000	32.00	9.65	41.65	68.23	-26.58	V	peak
9444.000	31.24	10.38	41.62	68.23	-26.61	V	peak
10800.000	30.61	14.46	45.07	68.23	-23.16	V	peak
11256.000	31.10	14.97	46.07	68.23	-22.16	V	peak
13128.000	29.07	18.29	47.36	68.23	-20.87	V	peak
7056.000	32.15	7.81	39.96	68.23	-28.27	H	Peak
8088.000	31.90	9.60	41.50	68.23	-26.73	H	Peak
9312.000	30.81	10.00	40.81	68.23	-27.42	H	Peak
11004.000	32.83	15.08	47.91	68.23	-20.32	H	peak
11616.000	30.84	14.81	45.65	68.23	-22.58	H	peak
12696.000	29.80	16.94	46.74	68.23	-21.49	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).

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Test Mode: TX / IEEE 802.11a / 5580MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	31.70	7.34	39.04	68.23	-29.19	V	peak
7380.000	31.62	8.44	40.06	68.23	-28.17	V	peak
8052.000	31.87	9.62	41.49	68.23	-26.74	V	peak
9696.000	30.76	11.10	41.86	68.23	-26.37	V	peak
11160.000	31.50	15.01	46.51	68.23	-21.72	V	peak
12408.000	30.78	15.99	46.77	68.23	-21.46	V	peak
6084.000	33.15	6.22	39.37	68.23	-28.86	H	Peak
7272.000	32.39	8.23	40.62	68.23	-27.61	H	Peak
8604.000	31.54	9.32	40.86	68.23	-27.37	H	Peak
9396.000	31.58	10.24	41.82	68.23	-26.41	H	peak
10500.000	30.51	13.53	44.04	68.23	-24.19	H	peak
11160.000	34.37	15.01	49.38	68.23	-18.85	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).

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Test Mode: TX / IEEE 802.11a / 5700MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7164.000	31.98	8.02	40.00	68.23	-28.23	V	peak
8424.000	31.61	9.42	41.03	68.23	-27.20	V	peak
9804.000	30.51	11.42	41.93	68.23	-26.30	V	peak
11172.000	31.43	15.00	46.43	68.23	-21.80	V	peak
12588.000	29.89	16.59	46.48	68.23	-21.75	V	peak
13992.000	30.89	20.56	51.45	68.23	-16.78	V	peak
7272.000	31.91	8.23	40.14	68.23	-28.09	H	Peak
8064.000	32.01	9.61	41.62	68.23	-26.61	H	Peak
9636.000	30.75	10.93	41.68	68.23	-26.55	H	Peak
10728.000	30.53	14.24	44.77	68.23	-23.46	H	peak
11400.000	34.13	14.90	49.03	68.23	-19.20	H	peak
12576.000	29.69	16.55	46.24	68.23	-21.99	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).

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Test Mode: TX / IEEE 802.11a / 5745MHz /(CH Low) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6840.000	31.82	7.44	39.26	68.23	-28.97	V	peak
8148.000	31.78	9.57	41.35	68.23	-26.88	V	peak
9432.000	31.14	10.34	41.48	68.23	-26.75	V	peak
11136.000	31.66	15.02	46.68	68.23	-21.55	V	peak
12336.000	30.53	15.75	46.28	68.23	-21.95	V	peak
13320.000	29.42	18.79	48.21	68.23	-20.02	V	peak
7272.000	31.62	8.23	39.85	68.23	-28.38	H	Peak
8088.000	31.70	9.60	41.30	68.23	-26.93	H	Peak
10140.000	30.66	12.41	43.07	68.23	-25.16	H	Peak
11496.000	33.34	14.86	48.20	68.23	-20.03	H	peak
12432.000	30.16	16.07	46.23	68.23	-22.00	H	peak
13104.000	28.91	18.22	47.13	68.23	-21.10	H	peak

Remark:

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

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Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6264.000	33.25	6.51	39.76	68.23	-28.47	V	peak
7716.000	31.72	9.10	40.82	68.23	-27.41	V	peak
8160.000	31.73	9.56	41.29	68.23	-26.94	V	peak
10020.000	30.76	12.04	42.80	68.23	-25.43	V	peak
11328.000	31.23	14.94	46.17	68.23	-22.06	V	peak
12588.000	29.70	16.59	46.29	68.23	-21.94	V	peak
7464.000	31.79	8.60	40.39	68.23	-27.84	H	Peak
8400.000	31.69	9.43	41.12	68.23	-27.11	H	Peak
10128.000	31.31	12.38	43.69	68.23	-24.54	H	Peak
11568.000	33.00	14.83	47.83	68.23	-20.40	H	peak
13164.000	28.99	18.38	47.37	68.23	-20.86	H	peak
14340.000	31.19	20.78	51.97	68.23	-16.26	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).

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Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High) **Tested by:** Sam Zeng

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6696.000	32.20	7.21	39.41	68.23	-28.82	V	peak
7896.000	31.58	9.45	41.03	68.23	-27.20	V	peak
9048.000	31.38	9.24	40.62	68.23	-27.61	V	peak
10368.000	30.55	13.12	43.67	68.23	-24.56	V	peak
11160.000	31.49	15.01	46.50	68.23	-21.73	V	peak
12576.000	29.86	16.55	46.41	68.23	-21.82	V	peak
7728.000	31.88	9.12	41.00	68.23	-27.23	H	Peak
9036.000	31.62	9.20	40.82	68.23	-27.41	H	Peak
10728.000	30.70	14.24	44.94	68.23	-23.29	H	Peak
11652.000	32.87	14.79	47.66	68.23	-20.57	H	peak
12552.000	29.52	16.47	45.99	68.23	-22.24	H	peak
13200.000	28.87	18.48	47.35	68.23	-20.88	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7176.000	32.04	8.04	40.08	68.23	-28.15	V	peak
8400.000	31.72	9.43	41.15	68.23	-27.08	V	peak
9756.000	30.52	11.28	41.80	68.23	-26.43	V	peak
10716.000	30.84	14.20	45.04	68.23	-23.19	V	peak
11496.000	31.12	14.86	45.98	68.23	-22.25	V	peak
12516.000	30.24	16.35	46.59	68.23	-21.64	V	peak
6852.000	31.57	7.46	39.03	68.23	-29.20	H	Peak
7788.000	31.79	9.24	41.03	68.23	-27.20	H	Peak
9204.000	31.36	9.69	41.05	68.23	-27.18	H	Peak
10716.000	30.59	14.20	44.79	68.23	-23.44	H	peak
12408.000	29.76	15.99	45.75	68.23	-22.48	H	peak
13632.000	30.71	19.61	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6816.000	31.74	7.40	39.14	68.23	-29.09	V	peak
8424.000	31.83	9.42	41.25	68.23	-26.98	V	peak
9588.000	30.98	10.79	41.77	68.23	-26.46	V	peak
10800.000	30.31	14.46	44.77	68.23	-23.46	V	peak
12156.000	30.92	15.16	46.08	68.23	-22.15	V	peak
13176.000	28.95	18.41	47.36	68.23	-20.87	V	peak
6696.000	31.79	7.21	39.00	68.23	-29.23	H	Peak
7740.000	31.65	9.14	40.79	68.23	-27.44	H	Peak
8304.000	31.40	9.48	40.88	68.23	-27.35	H	Peak
9696.000	30.34	11.10	41.44	68.23	-26.79	H	peak
10620.000	30.98	13.90	44.88	68.23	-23.35	H	peak
11172.000	31.34	15.00	46.34	68.23	-21.89	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6456.000	31.92	6.82	38.74	68.23	-29.49	V	peak
7980.000	32.00	9.61	41.61	68.23	-26.62	V	peak
9024.000	31.43	9.17	40.60	68.23	-27.63	V	peak
10116.000	30.76	12.34	43.10	68.23	-25.13	V	peak
11400.000	31.58	14.90	46.48	68.23	-21.75	V	peak
12636.000	29.68	16.75	46.43	68.23	-21.80	V	peak
6696.000	31.55	7.21	38.76	68.23	-29.47	H	Peak
7644.000	31.94	8.96	40.90	68.23	-27.33	H	Peak
8652.000	31.43	9.29	40.72	68.23	-27.51	H	Peak
10476.000	33.06	13.46	46.52	68.23	-21.71	H	peak
11160.000	31.47	15.01	46.48	68.23	-21.75	H	peak
12144.000	30.65	15.12	45.77	68.23	-22.46	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7020.000	31.44	7.74	39.18	68.23	-29.05	V	peak
7620.000	31.63	8.91	40.54	68.23	-27.69	V	peak
9420.000	31.66	10.31	41.97	68.23	-26.26	V	peak
11100.000	30.67	15.04	45.71	68.23	-22.52	V	peak
11844.000	30.66	14.71	45.37	68.23	-22.86	V	peak
13260.000	29.11	18.63	47.74	68.23	-20.49	V	peak
6840.000	31.70	7.44	39.14	68.23	-29.09	H	Peak
8304.000	31.84	9.48	41.32	68.23	-26.91	H	Peak
9660.000	30.50	11.00	41.50	68.23	-26.73	H	Peak
10524.000	32.85	13.60	46.45	68.23	-21.78	H	peak
11184.000	31.06	15.00	46.06	68.23	-22.17	H	peak
12780.000	29.34	17.22	46.56	68.23	-21.67	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6648.000	31.73	7.13	38.86	68.23	-29.37	V	peak
7308.000	31.84	8.30	40.14	68.23	-28.09	V	peak
8016.000	31.56	9.64	41.20	68.23	-27.03	V	peak
9432.000	31.23	10.34	41.57	68.23	-26.66	V	peak
11064.000	30.34	15.05	45.39	68.23	-22.84	V	peak
12300.000	30.22	15.63	45.85	68.23	-22.38	V	peak
7308.000	31.50	8.30	39.80	68.23	-28.43	H	Peak
8064.000	31.88	9.61	41.49	68.23	-26.74	H	Peak
9612.000	30.48	10.86	41.34	68.23	-26.89	H	Peak
10596.000	34.47	13.83	48.30	68.23	-19.93	H	peak
11484.000	31.07	14.87	45.94	68.23	-22.29	H	peak
12432.000	29.90	16.07	45.97	68.23	-22.26	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6504.000	31.83	6.90	38.73	68.23	-29.50	V	peak
7836.000	31.81	9.33	41.14	68.23	-27.09	V	peak
9024.000	31.50	9.17	40.67	68.23	-27.56	V	peak
10512.000	30.31	13.57	43.88	68.23	-24.35	V	peak
11136.000	31.59	15.02	46.61	68.23	-21.62	V	peak
12408.000	29.77	15.99	45.76	68.23	-22.47	V	peak
6696.000	31.92	7.21	39.13	68.23	-29.10	H	Peak
7740.000	31.42	9.14	40.56	68.23	-27.67	H	Peak
8592.000	32.01	9.32	41.33	68.23	-26.90	H	Peak
9816.000	31.39	11.45	42.84	68.23	-25.39	H	peak
10644.000	33.40	13.98	47.38	68.23	-20.85	H	peak
12264.000	29.99	15.51	45.50	68.23	-22.73	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).

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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:** August 10, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6780.000	32.25	7.34	39.59	68.23	-28.64	V	peak
7644.000	31.48	8.96	40.44	68.23	-27.79	V	peak
8484.000	32.10	9.38	41.48	68.23	-26.75	V	peak
10008.000	31.31	12.00	43.31	68.23	-24.92	V	peak
11160.000	31.74	15.01	46.75	68.23	-21.48	V	peak
12516.000	29.89	16.35	46.24	68.23	-21.99	V	peak
7260.000	31.48	8.21	39.69	68.23	-28.54	H	Peak
8388.000	31.62	9.44	41.06	68.23	-27.17	H	Peak
9564.000	31.07	10.72	41.79	68.23	-26.44	H	Peak
10452.000	30.27	13.38	43.65	68.23	-24.58	H	peak
11004.000	33.91	15.08	48.99	68.23	-19.24	H	peak
12300.000	30.14	15.63	45.77	68.23	-22.46	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).

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