6.6 PEAK POWER SPECTAL DENSITY

6.6.1 LIMIT

According to §15.407(a) & FCC R&O FCC 14-30

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall

not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

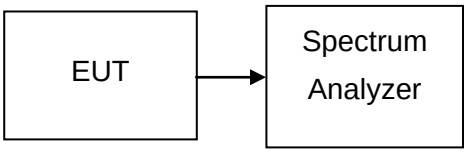
Note to paragraph (a)(3): The Commission strongly recommends that parties employing U-NII devices to provide critical communications services should determine if there are any nearby Government radar systems that could affect their operation.

6.6.2 MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017

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

6.6.3 TEST CONFIGURATION



6.6.4 TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
   Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. For devices operating in the bands 5.15-5.25 GHz,Set the spectrum analyzer as RBW = 1MHz, VBW = 3MHz, Span = 30MHz, Sweep=1.2ms
3. For devices operating in the bands 5.725-5.85 GHz,Set the spectrum analyzer as RBW = 500kHz, VBW = 1.5MHz, Span = 30MHz, Sweep=1.2ms
4. Record the max. reading.
5. Repeat the above procedure until the measurements for all frequencies are completed

6.6.5 TEST RESULTS

Test Data

IEEE 802.11a mode / 5180 ~ 5240MHz

Channel	Frequency (MHz)	PPSD (dBm)		Limit (dBm)	Margain		Result
		Antenna 0	Antenna 1		Antenna 0	Antenna 1	
Low	5180	5.889	4.916	11	-5.111	-6.084	PASS
Mid	5200	5.203	5.536		-5.797	-5.464	PASS
High	5240	4.192	4.971		-6.808	-6.029	PASS

IEEE 802.11a mode / 5260~ 5320MHz

Channel	Frequency (MHz)	PPSD (dBm)		Limit (dBm)	Margain		Result
		Antenna 0	Antenna 1		Antenna 0	Antenna 1	
Low	5260	4.484	6.185	11	-6.516	-4.815	PASS
Mid	5300	1.227	4.677		-9.773	-6.323	PASS
High	5320	1.689	3.755		-9.311	-7.245	PASS

IEEE 802.11a mode / 5500 ~ 5700MHz

Channel	Frequency (MHz)	PPSD (dBm)		Limit (dBm)	Margain		Result
		Antenna 0	Antenna 1		Antenna 0	Antenna 1	
Low	5500	3.883	5.062	11	-7.117	-5.938	PASS
Mid	5580	2.423	3.749		-8.577	-7.251	PASS
High	5700	1.396	2.042		-9.604	-8.958	PASS

IEEE 802.11a mode / 5745 ~ 5825MHz

Channel	Frequency (MHz)	PPSD (dBm)		factor	Limit (dBm)	Margain		Result
		Antenna 0	Antenna 1			Antenna 0	Antenna 1	
Low	5745	3.377	3.976	-3.01	17	-16.633	-16.034	PASS
Mid	5785	4.215	5.909	-3.01		-15.795	-14.101	PASS
High	5825	2.652	2.483	-3.01		-17.358	-14.517	PASS

Remark: factor =10*log10(500/RBW)

Test mode: IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5180	4.297	4.518	7.419	11	-3.581	PASS
Mid	5200	2.962	4.661	6.904		-4.096	PASS
High	5240	2.549	4.662	6.743		-4.257	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5260	3.442	6.143	8.009	11	-2.991	PASS
Mid	5300	1.697	2.518	5.137		-5.863	PASS
High	5320	2.311	5.773	7.389		-3.611	PASS

EEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5500	1.740	3.328	5.616	11	-5.384	PASS
Mid	5580	1.432	3.327	5.492		-5.508	PASS
High	5700	1.886	2.128	5.019		-5.981	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1					
Low	5745	2.563	2.383	-3.01	2.474	17	-14.526	PASS
Mid	5785	3.862	4.303	-3.01	4.088		-12.912	PASS
High	5825	2.064	1.349	-3.01	1.721		-15.279	PASS

Remark: factor =10*log10(500/RBW)

IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5190	-0.518	0.693	3.140	11	-7.860	PASS
High	5230	1.072	2.239	4.705		-6.295	PASS

EEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5270	0.332	1.734	4.100	11	-6.900	PASS
High	5310	-0.210	0.298	3.062		-7.938	PASS

EEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
Low	5510	-0.516	-1.695	1.945	11	-9.055	PASS
Mid	5550	3.159	3.251	6.216		-4.784	PASS
High	5670	0.568	-0.182	3.219		-7.781	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1					
Low	5755	1.489	1.027	-3.01	1.264	17	-15.736	PASS
High	5795	-1.405	-0.994	-3.01	-1.194		-18.194	PASS

Remark: factor =10*log10(500/RBW)

IEEE 802.11ac 80 mode / 5210MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
	5210	-4.580	-3.089	-0.761	11	-11.761	PASS

EEE 802.11ac 80 mode / 5290MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
	5290	-3.801	-1.262	0.662	11	-10.338	PASS

EE 802.11ac 80 mode / 5530MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1				
	5530	-4.011	-2.936	-0.430	11	-11.430	PASS

EEE 802.11ac 80 mode / 5775MHz

Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margain	Result
		Antenna 0	Antenna 1					
	5775	-4.246	-3.297	-3.01	-3.745	17	-20.745	PASS

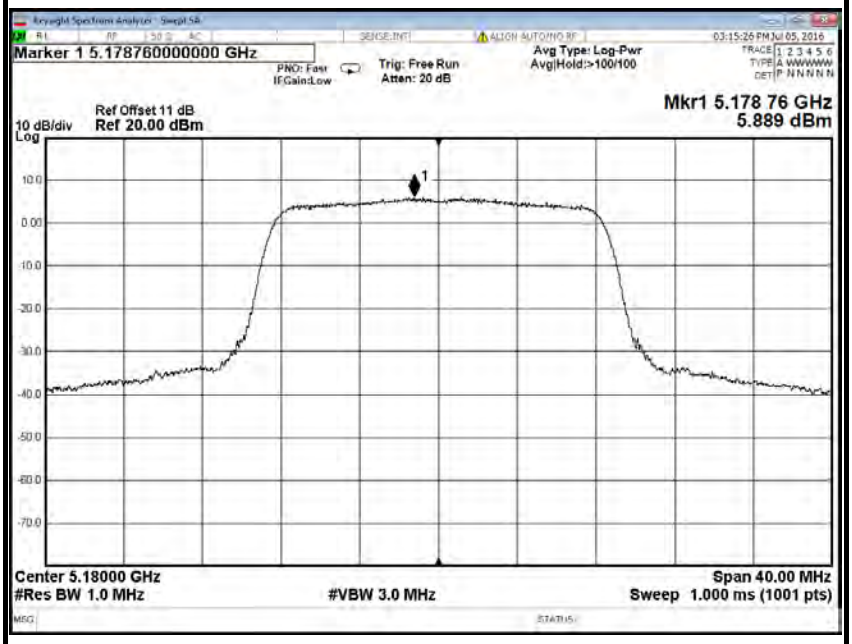
Remark: factor =10*log10(500/RBW)

Test Plot

IEEE 802.11a mode / 5180 ~ 5240MHz

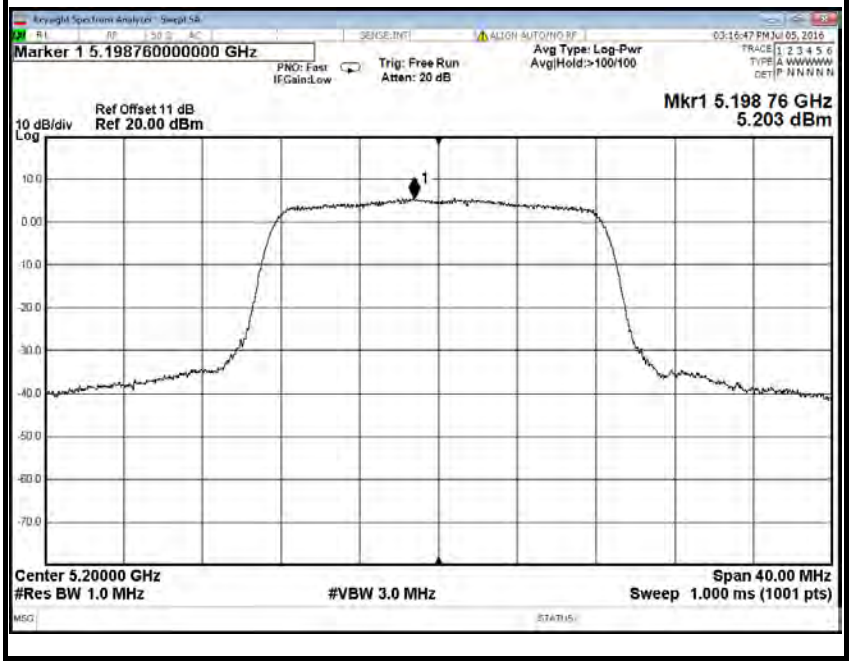
PPSD (CH Low)

Antenna 0



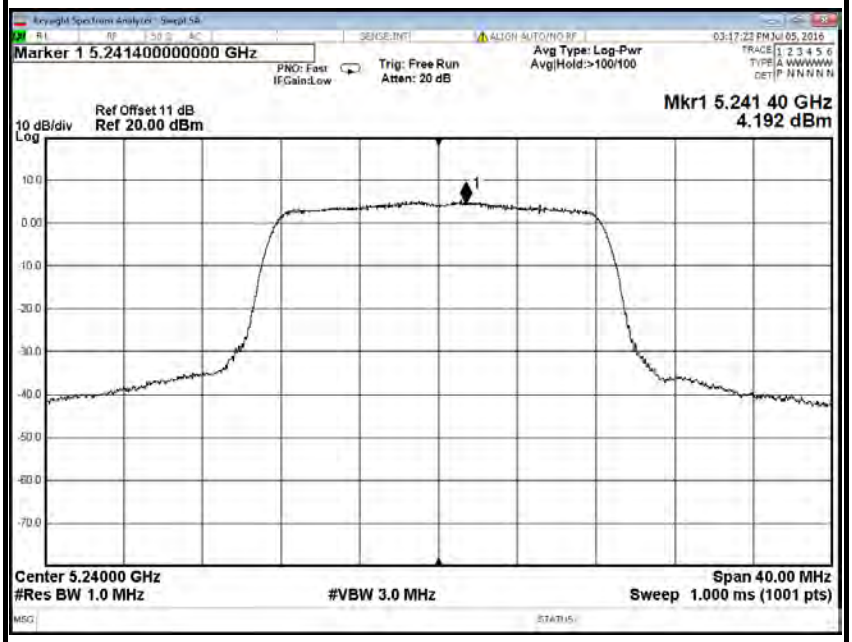
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

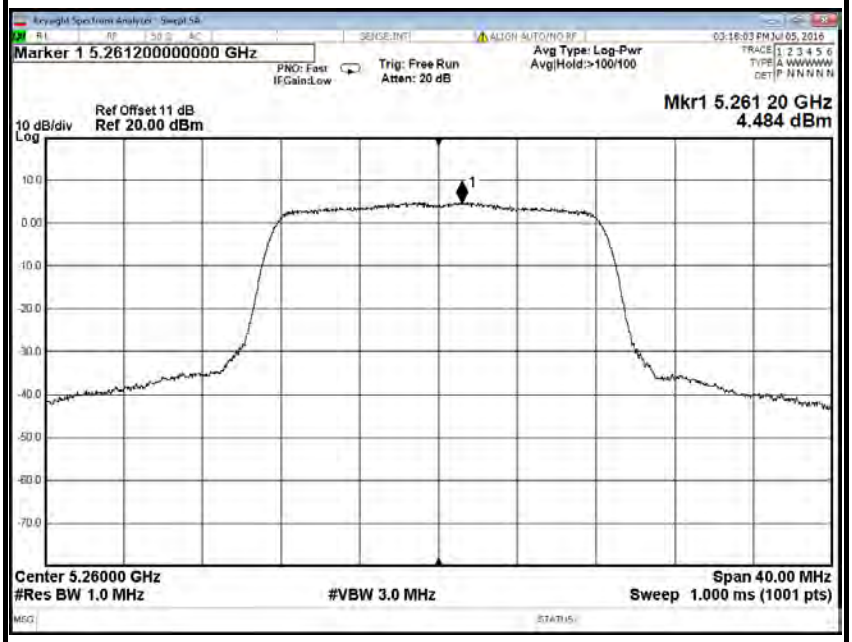
Antenna 0



IEEE 802.11a mode / 5260~ 5320MHz

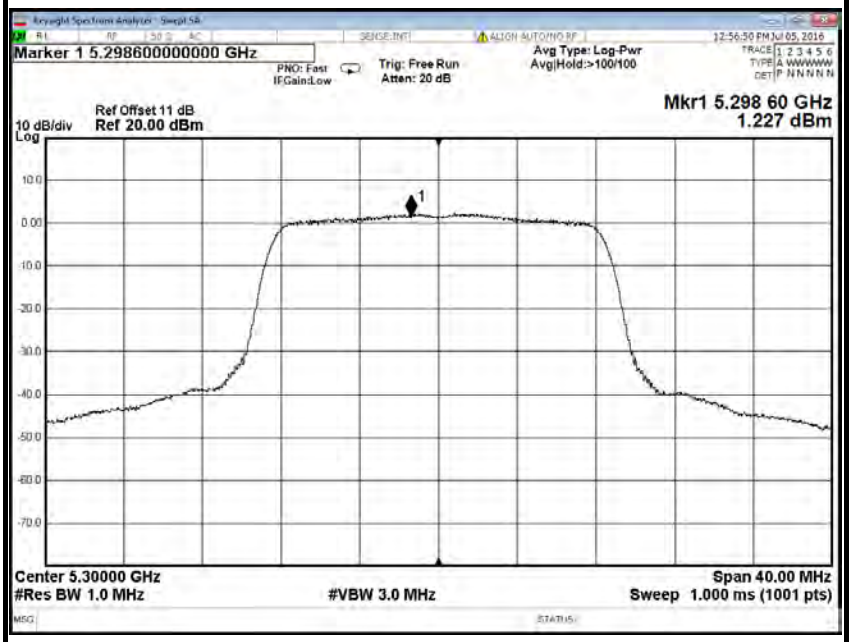
PPSD (CH Low)

Antenna 0



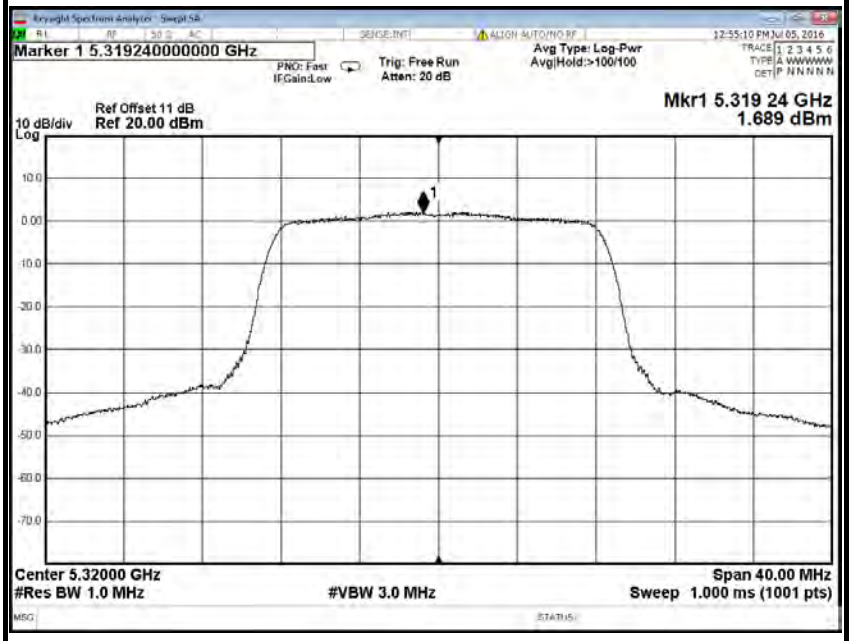
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

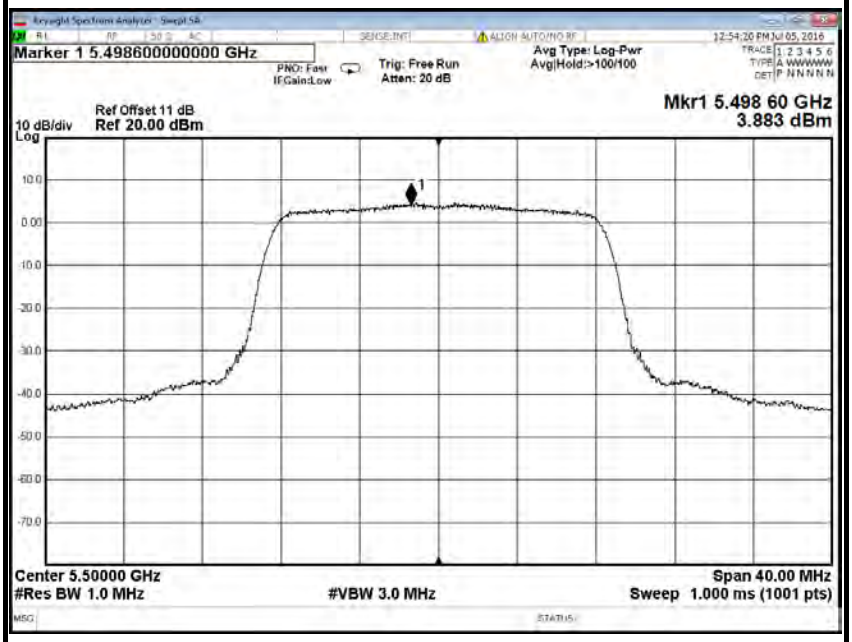
Antenna 0



IEEE 802.11a mode / 5500 ~ 5700MHz

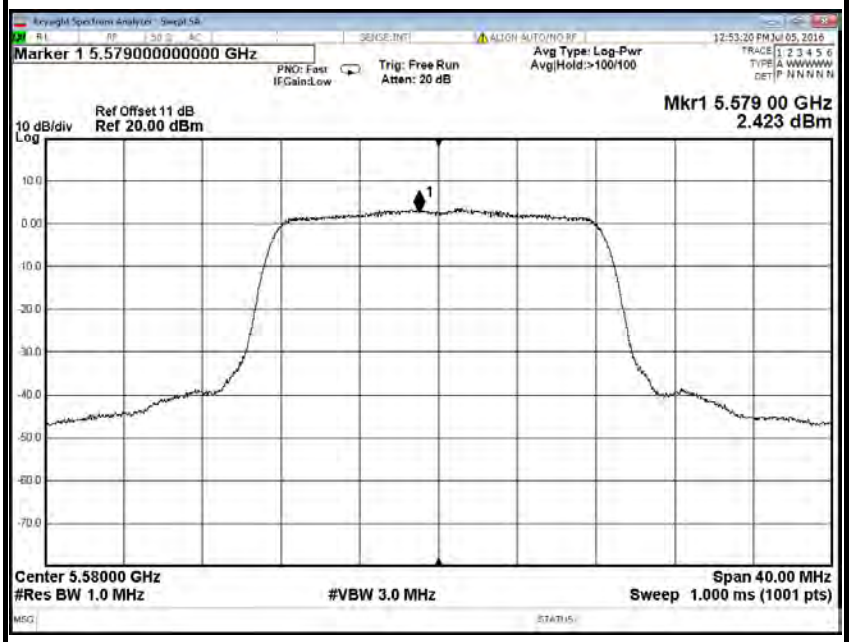
PPSD (CH Low)

Antenna 0



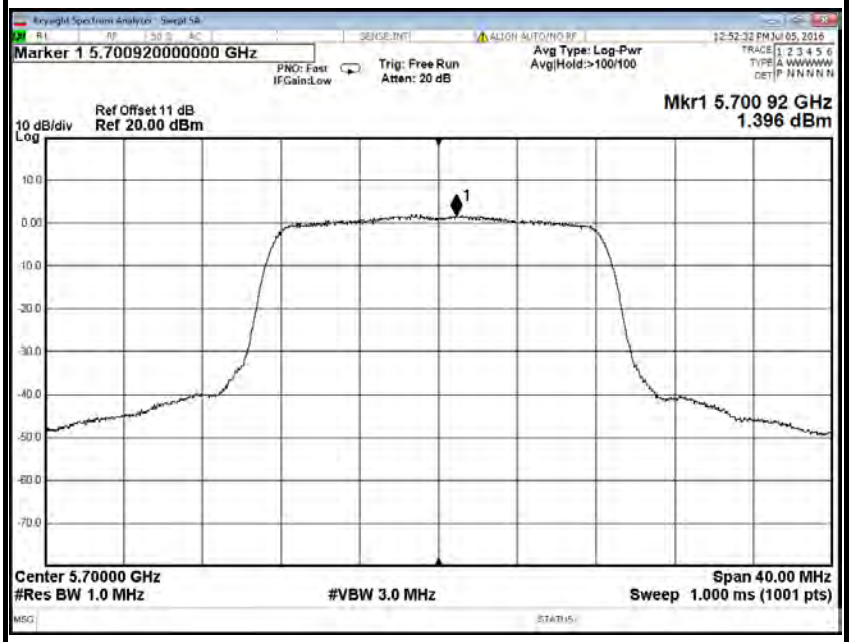
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

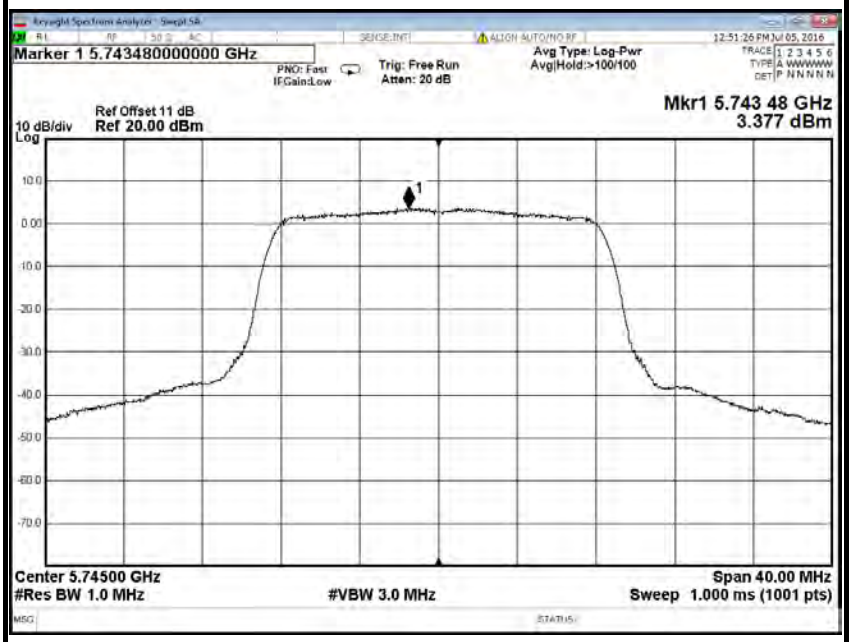
Antenna 0



IEEE 802.11a mode / 5745 ~ 5825MHz

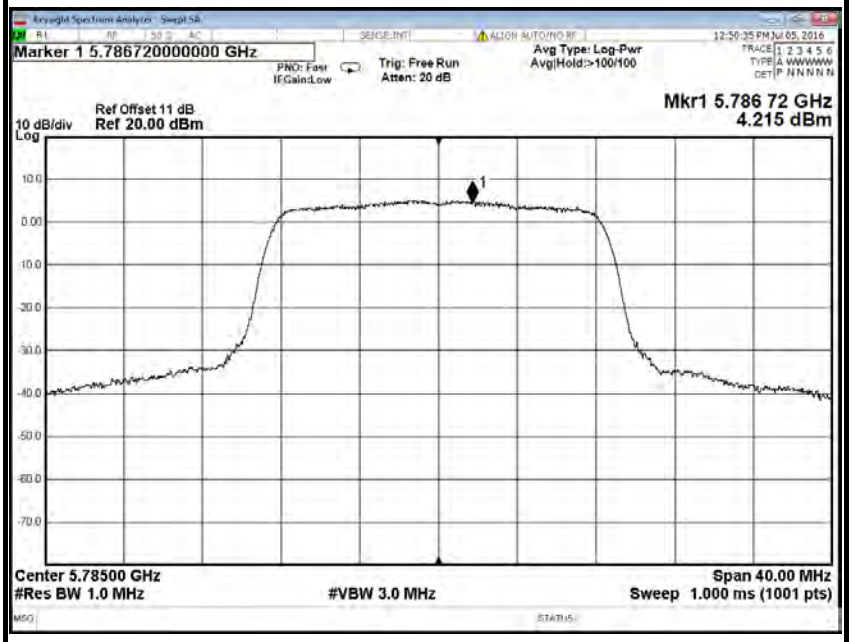
PPSD (CH Low)

Antenna 0



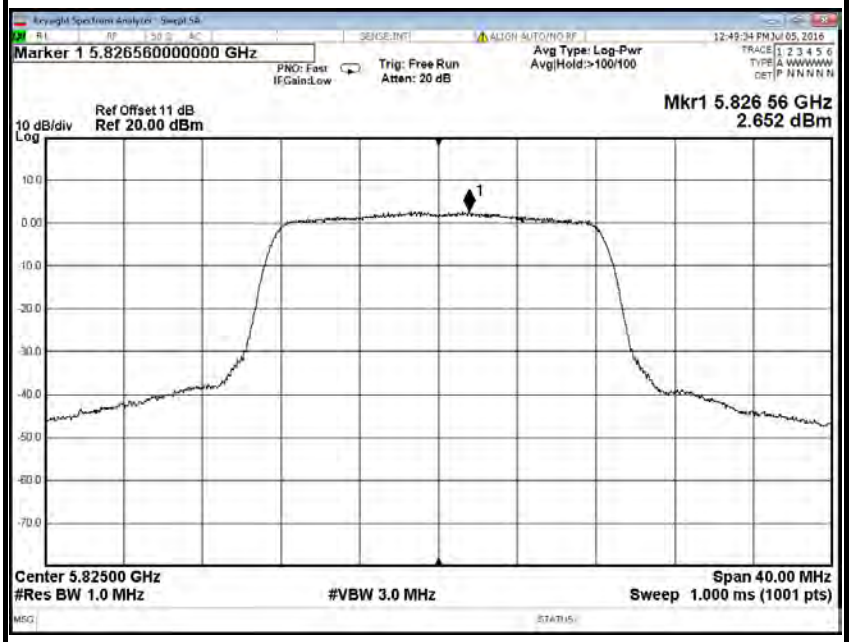
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

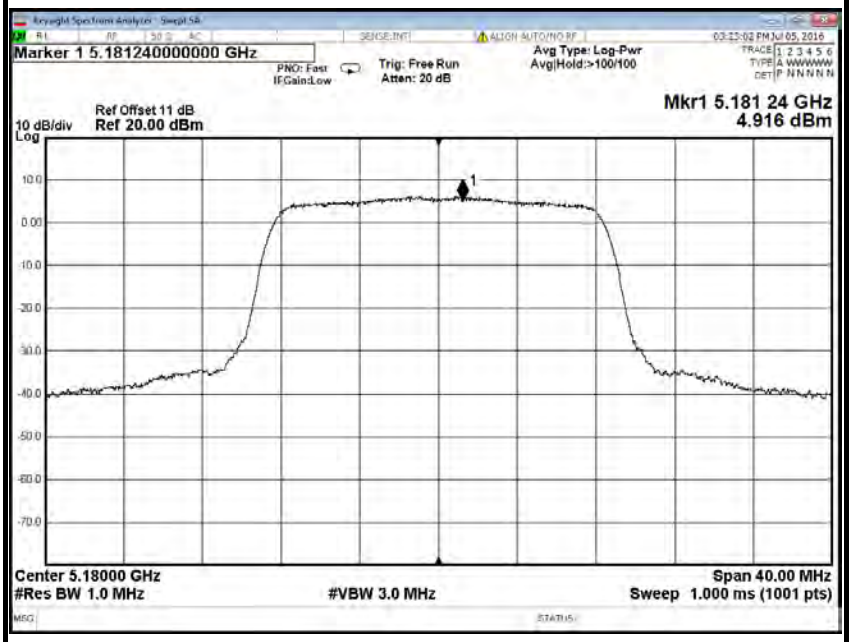
Antenna 0



IEEE 802.11a mode / 5180 ~ 5240MHz

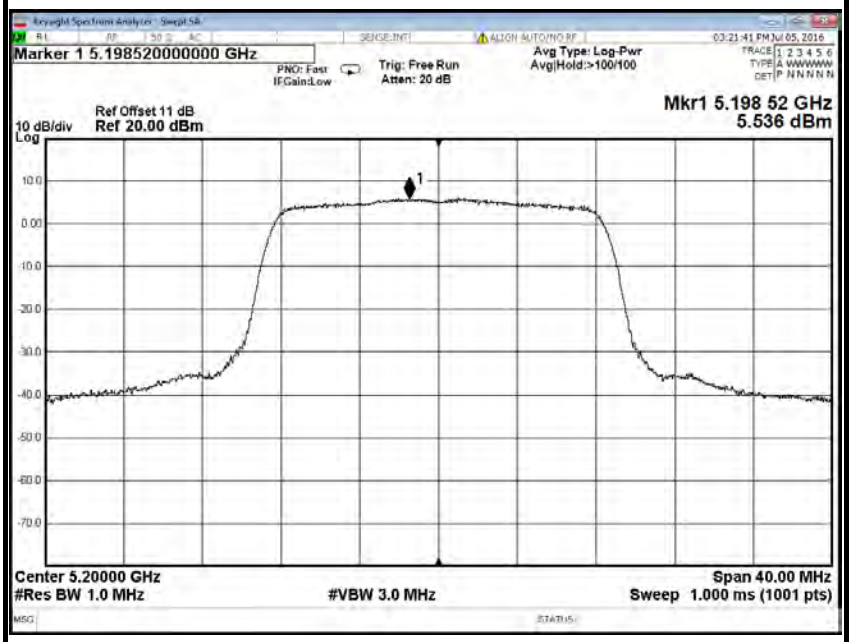
PPSD (CH Low)

Antenna 1



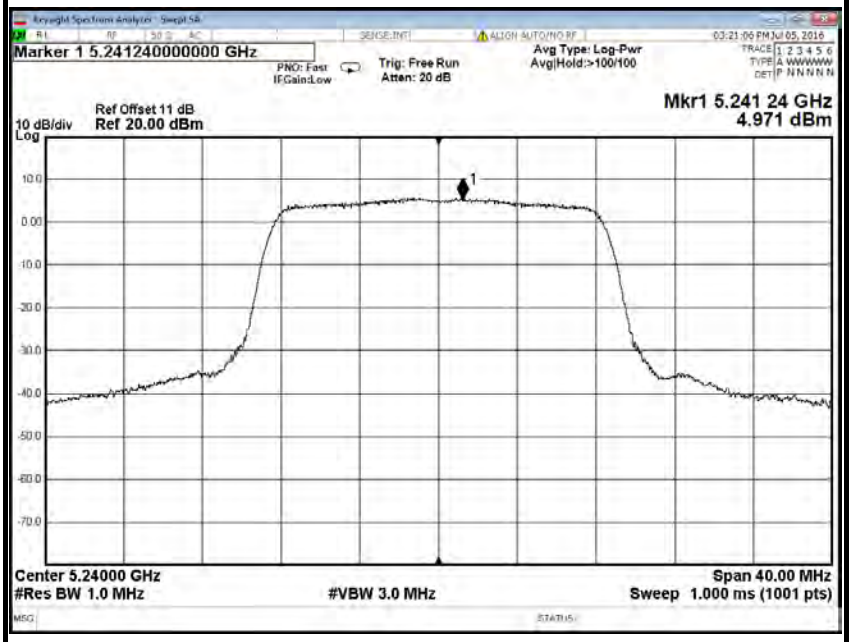
PPSD (CH Mid)

Antenna 1



PPSD (CH High)

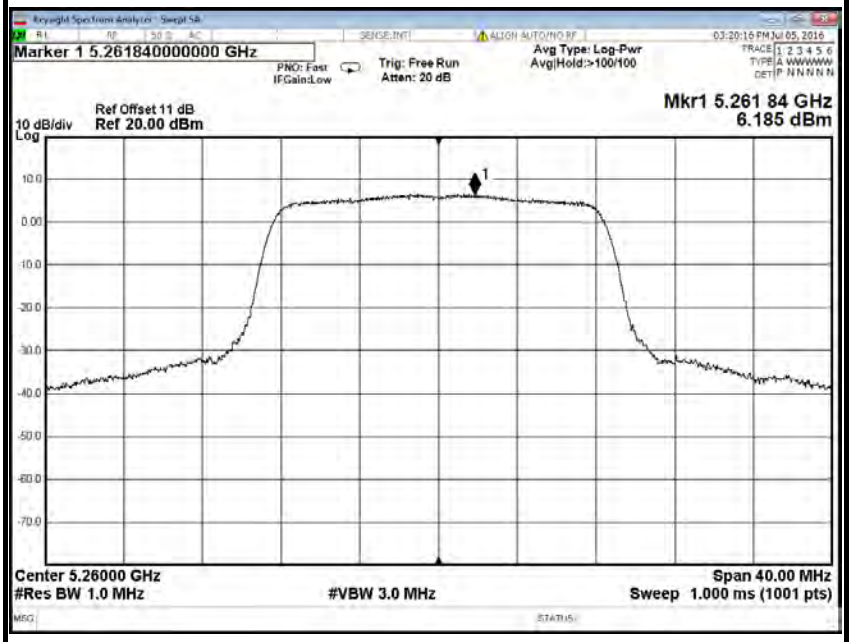
Antenna 1



IEEE 802.11a mode / 5260~ 5320MHz

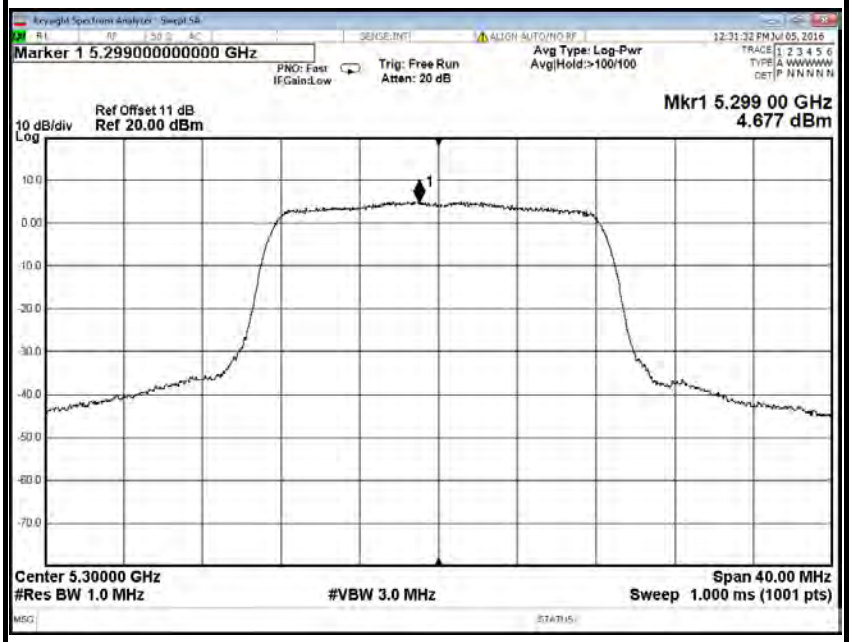
PPSD (CH Low)

Antenna 1



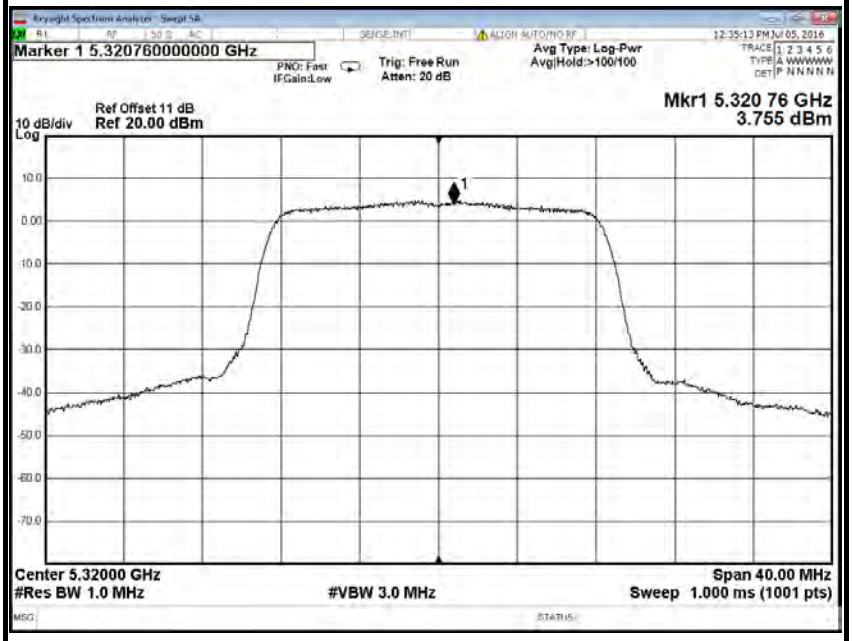
PPSD (CH Mid)

Antenna 1

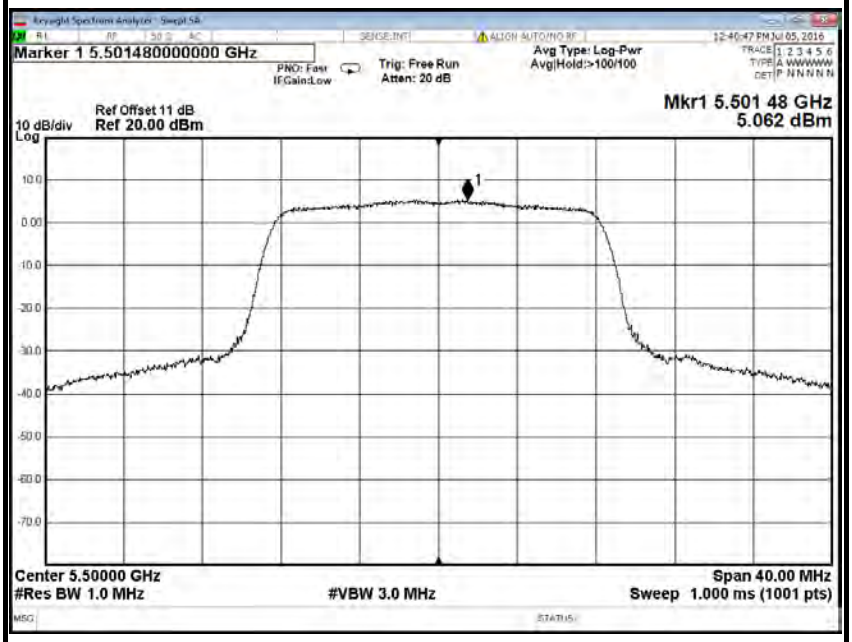


PPSD (CH High)

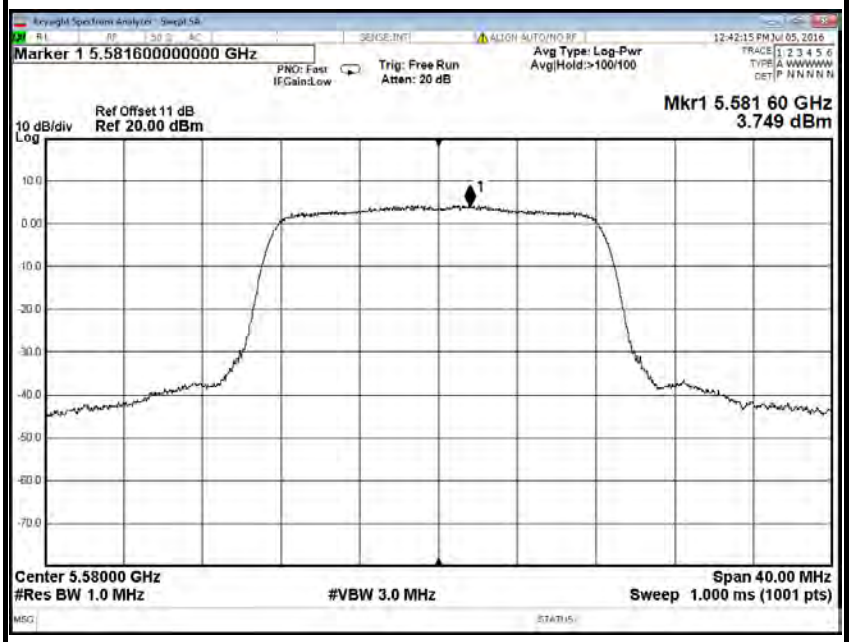
Antenna 1



IEEE 802.11a mode / 5500 ~ 5700MHz
PPSD (CH Low)
Antenna 1

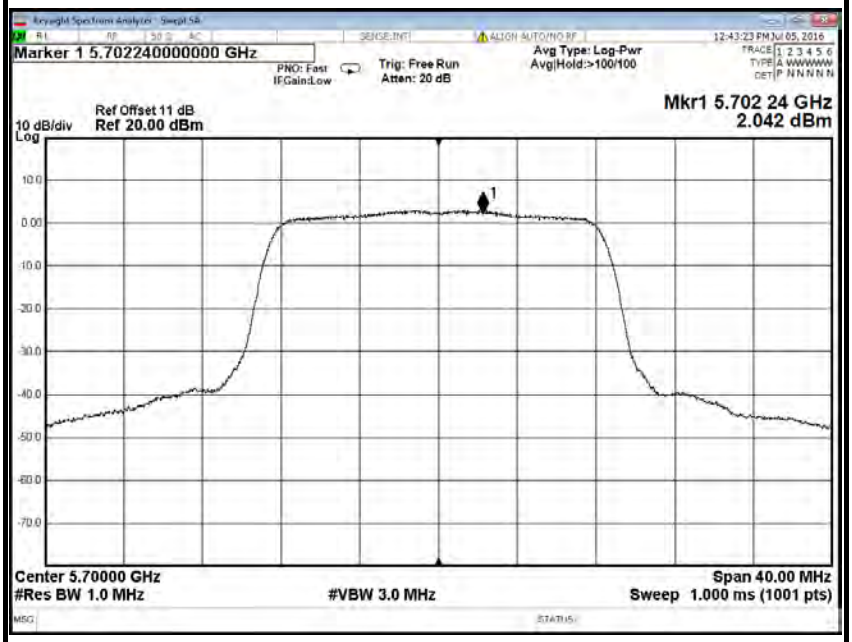


PPSD (CH Mid)
Antenna 1



PPSD (CH High)

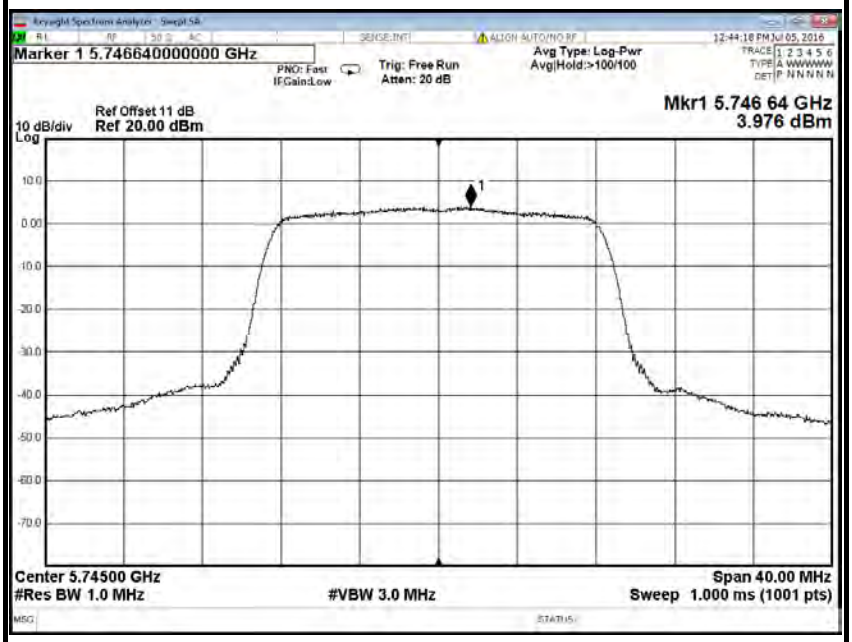
Antenna 1



IEEE 802.11a mode / 5745 ~ 5825MHz

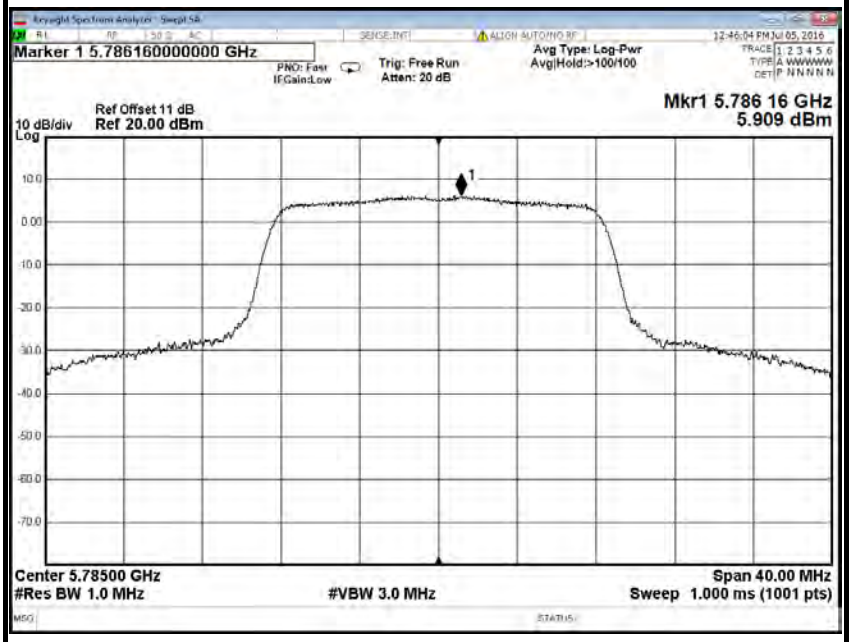
PPSD (CH Low)

Antenna 1



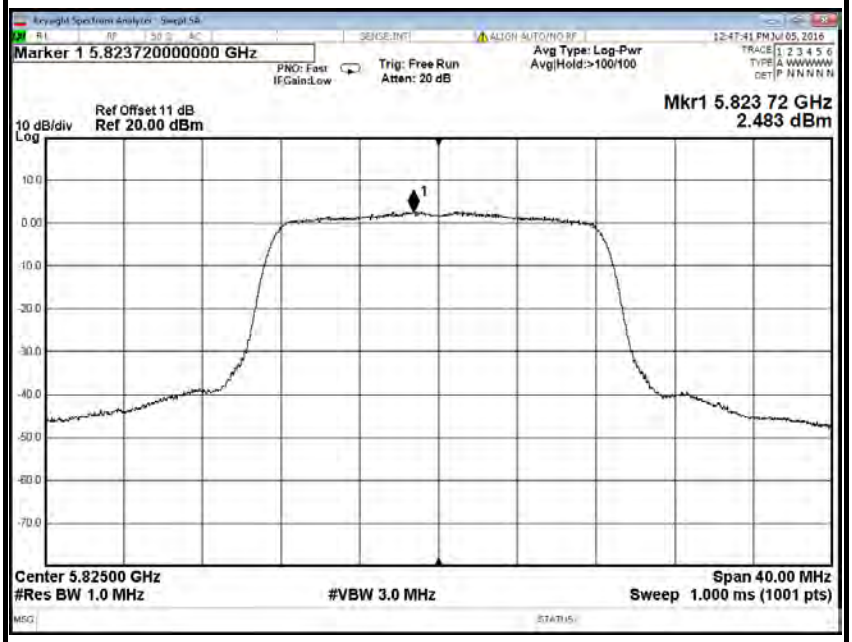
PPSD (CH Mid)

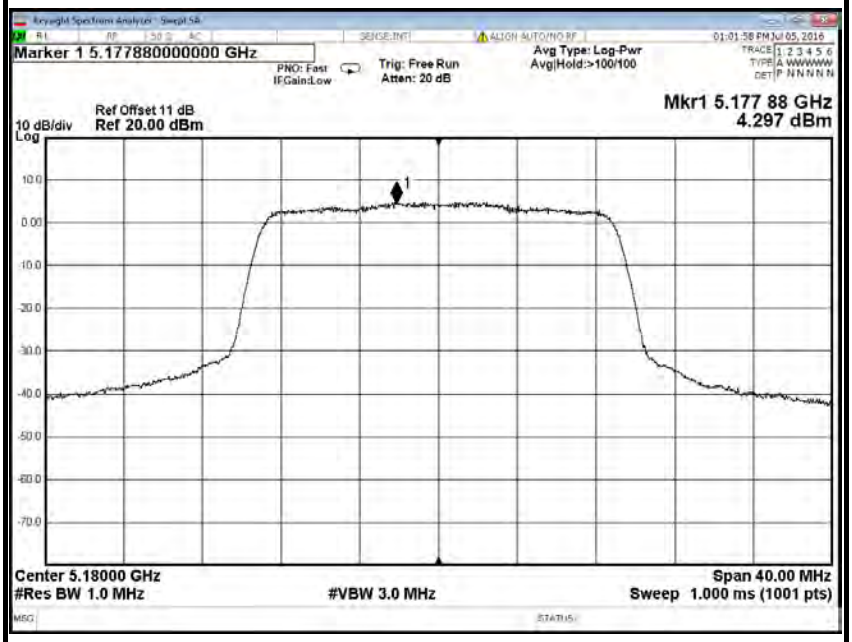
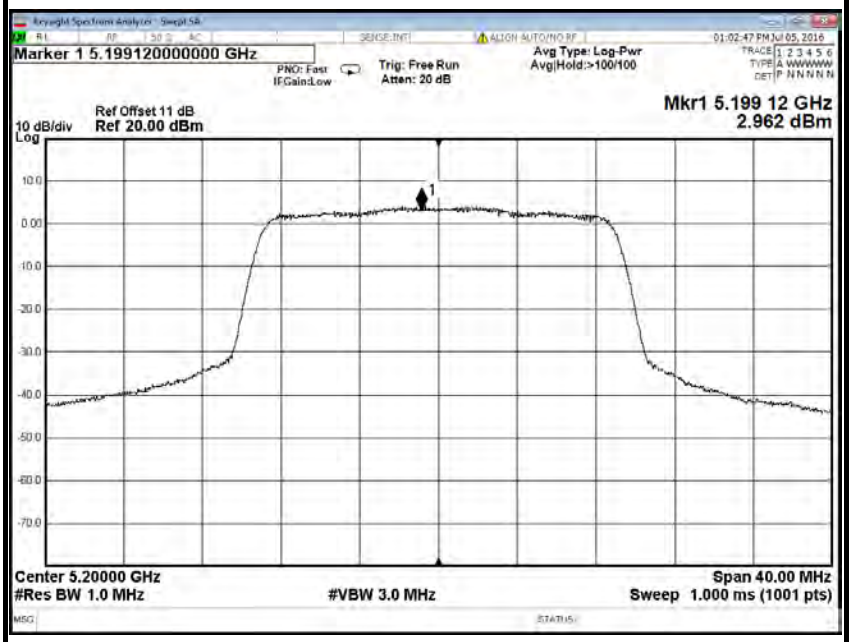
Antenna 1



PPSD (CH High)

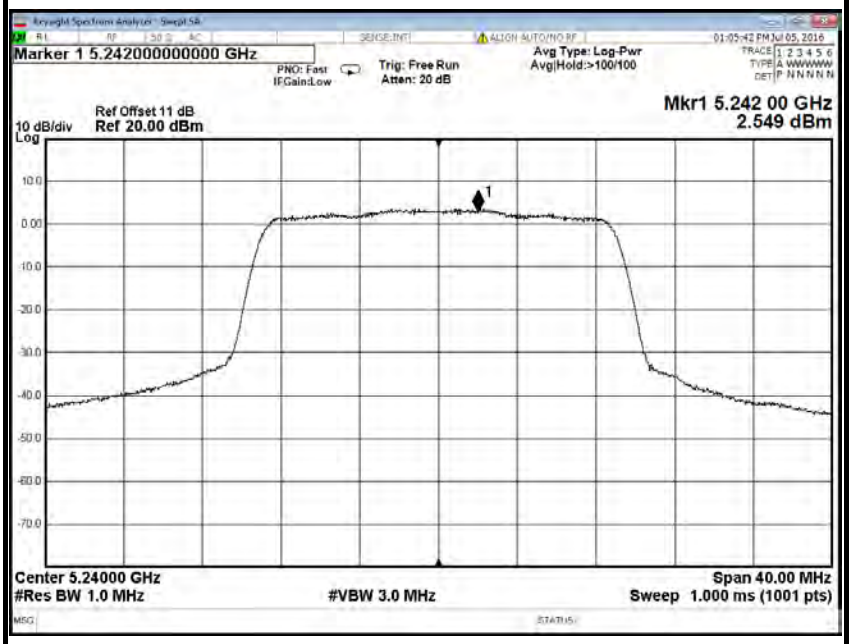
Antenna 1



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

PPSD (CH Mid)
Antenna 0


PPSD (CH High)

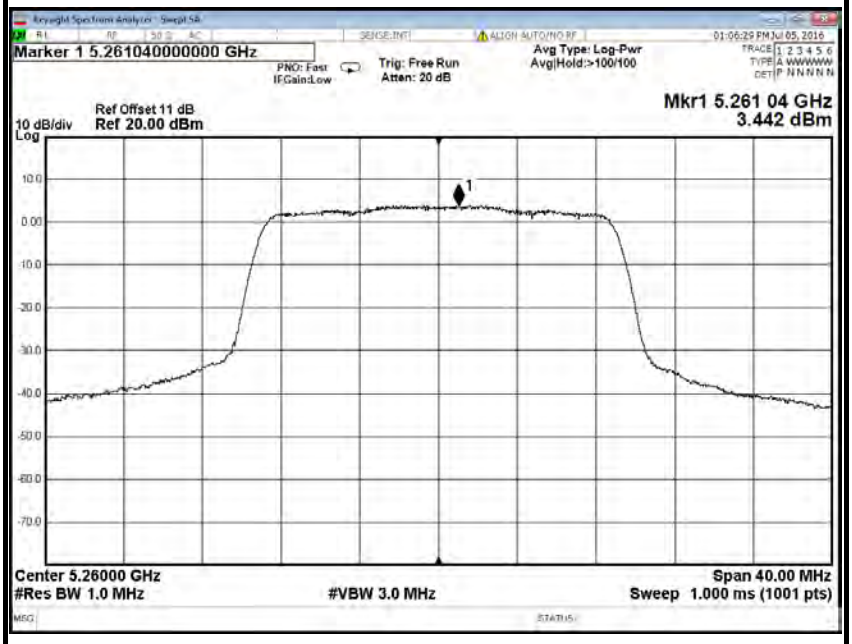
Antenna 0



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

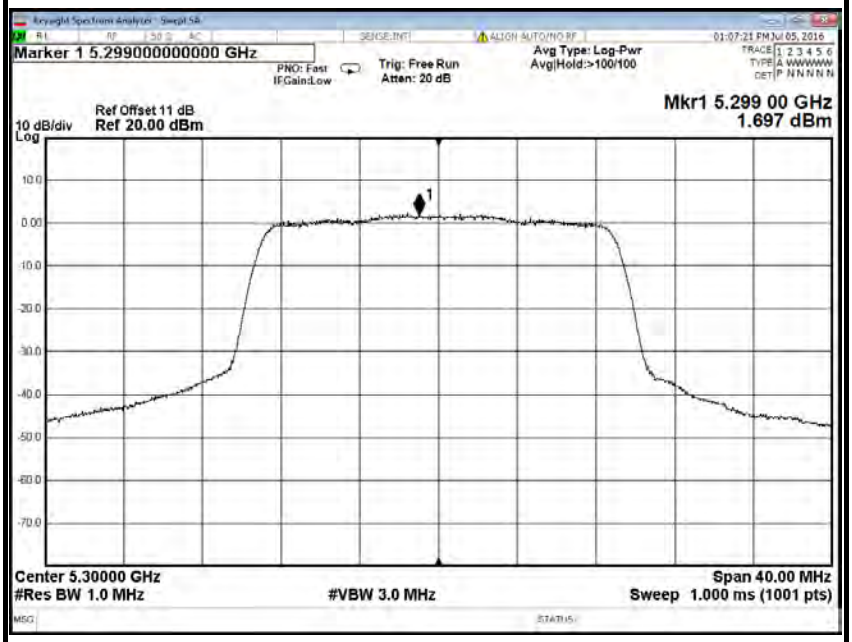
PPSD (CH Low)

Antenna 0



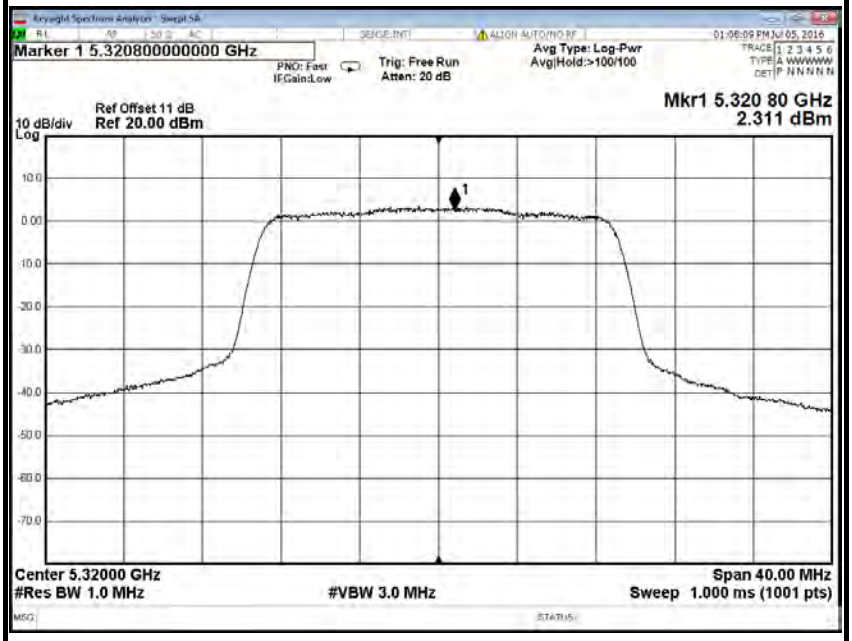
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

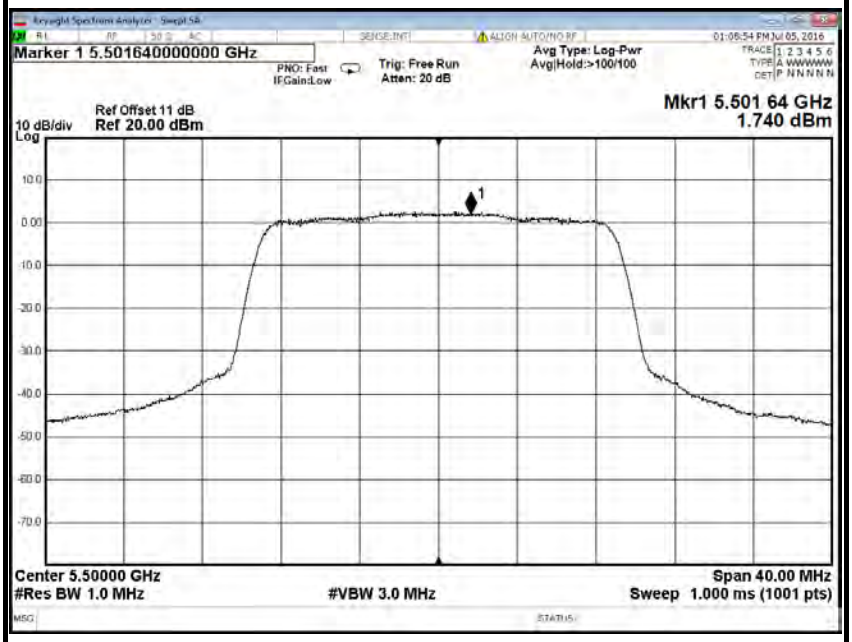
Antenna 0



IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz

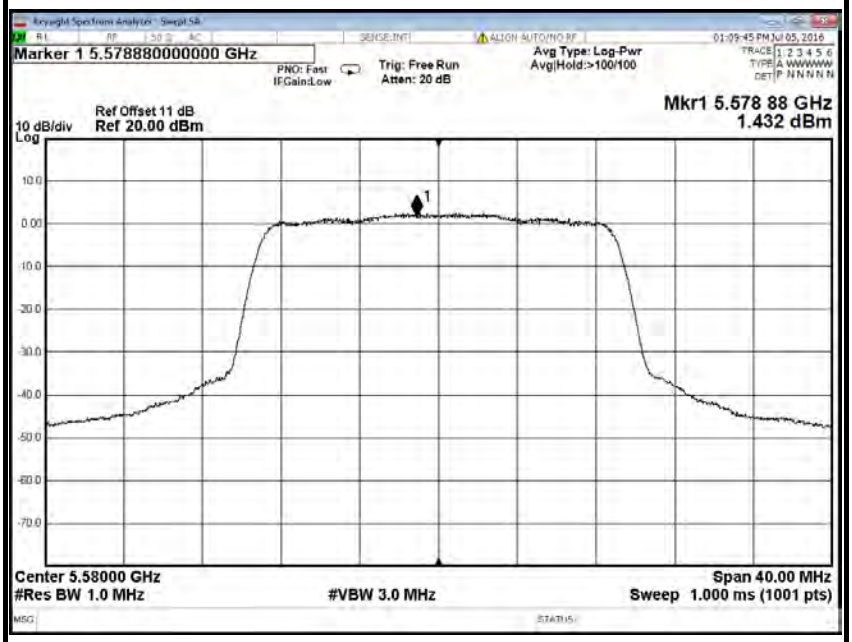
PPSD (CH Low)

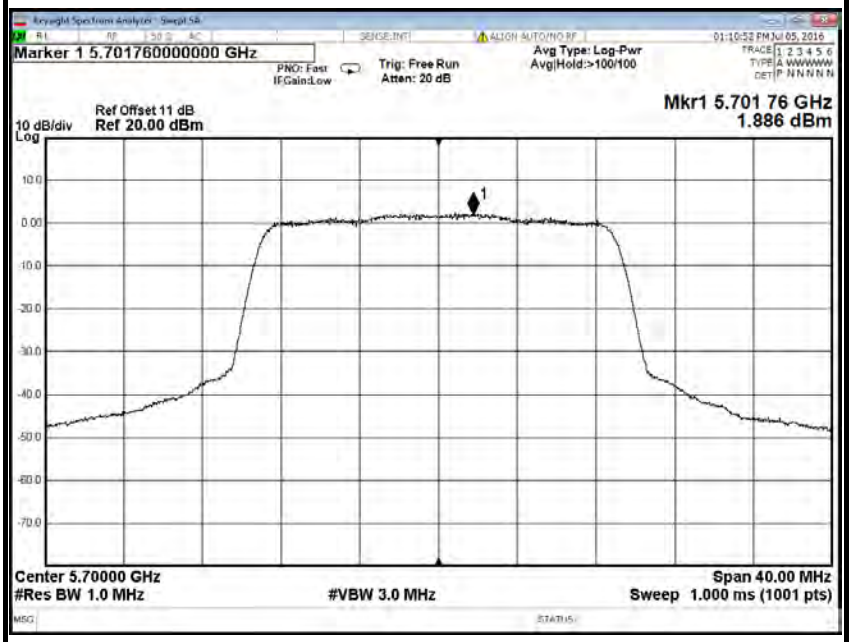
Antenna 0



PPSD (CH Mid)

Antenna 0



PPSD (CH High)
Antenna 0


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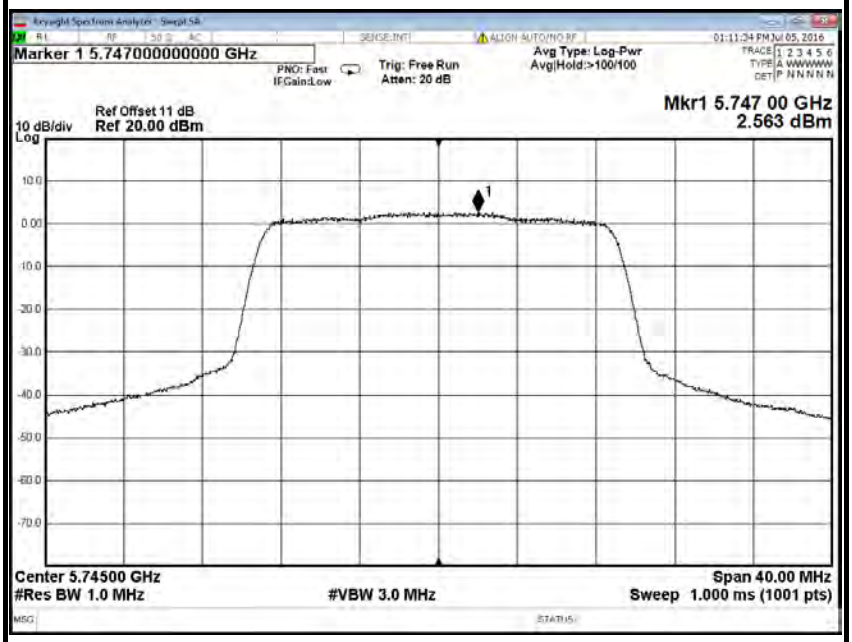
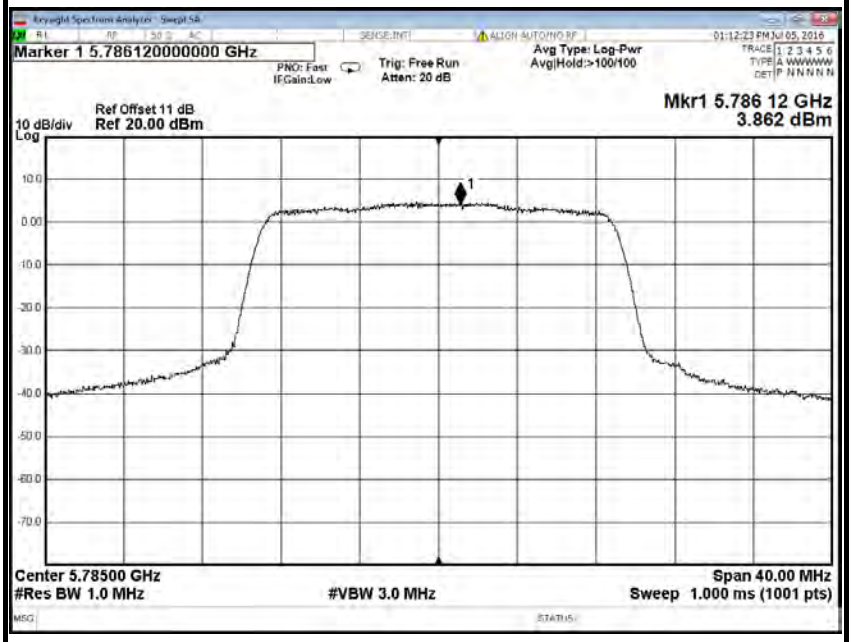


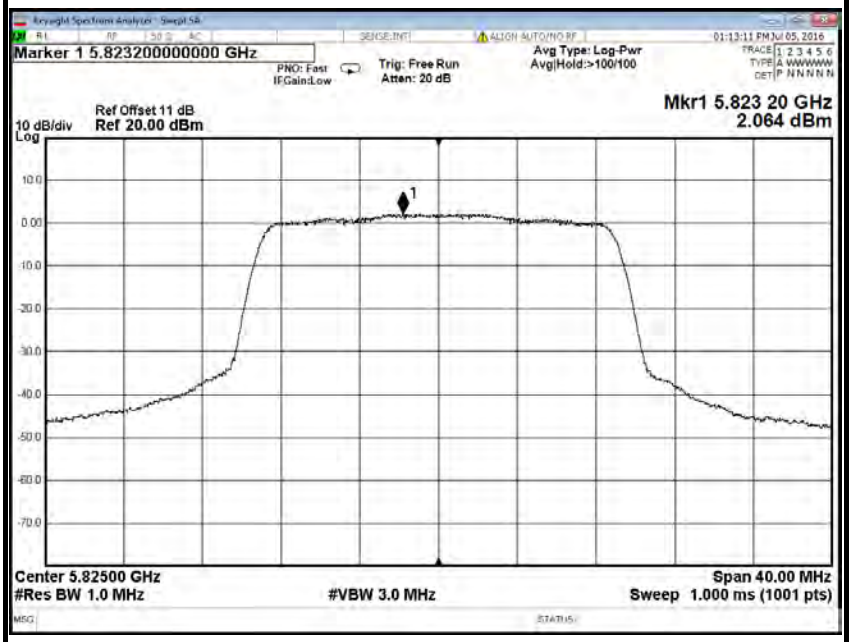
PPSD (CH Mid)

Antenna 0



PPSD (CH High)

Antenna 0



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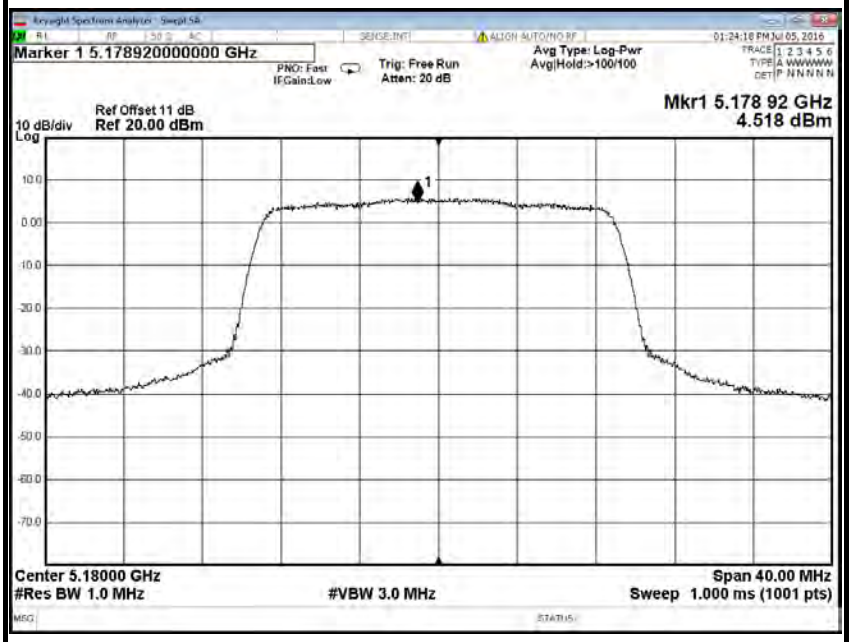
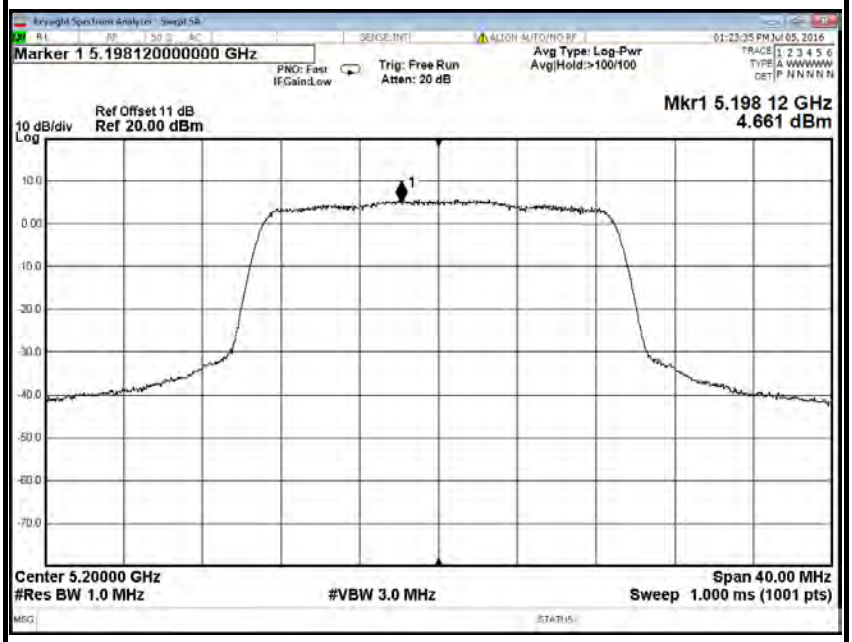
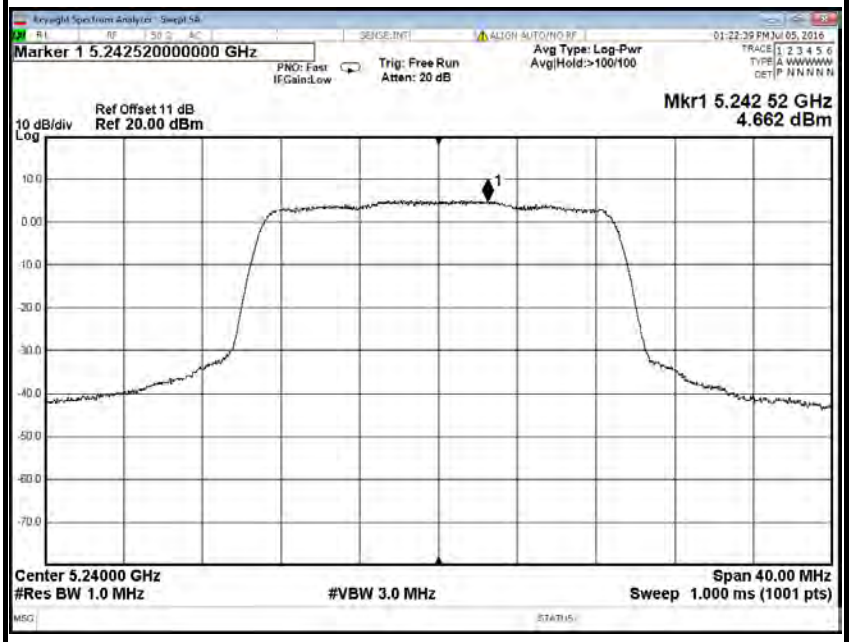

PPSD (CH Mid)
Antenna 1


PPSD (CH High)

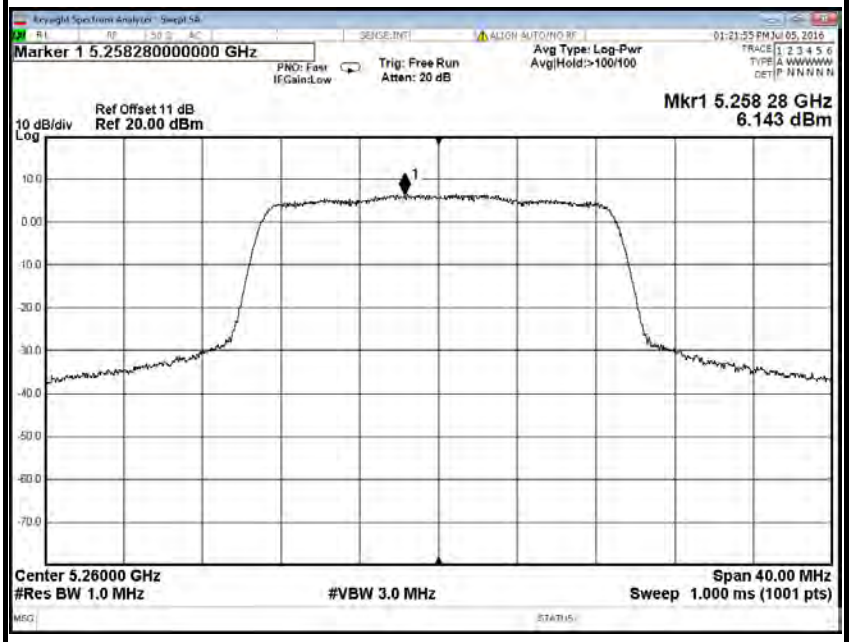
Antenna 1



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

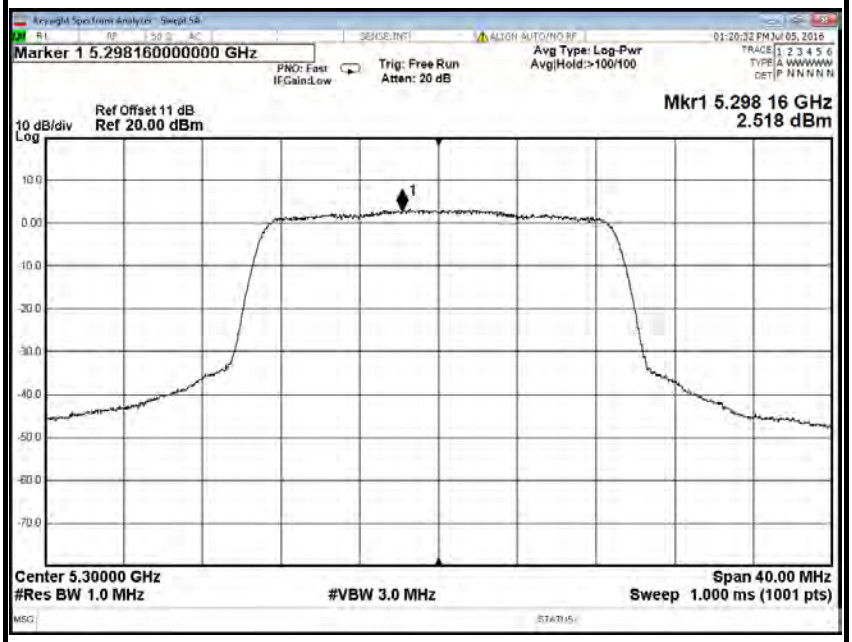
PPSD (CH Low)

Antenna 1



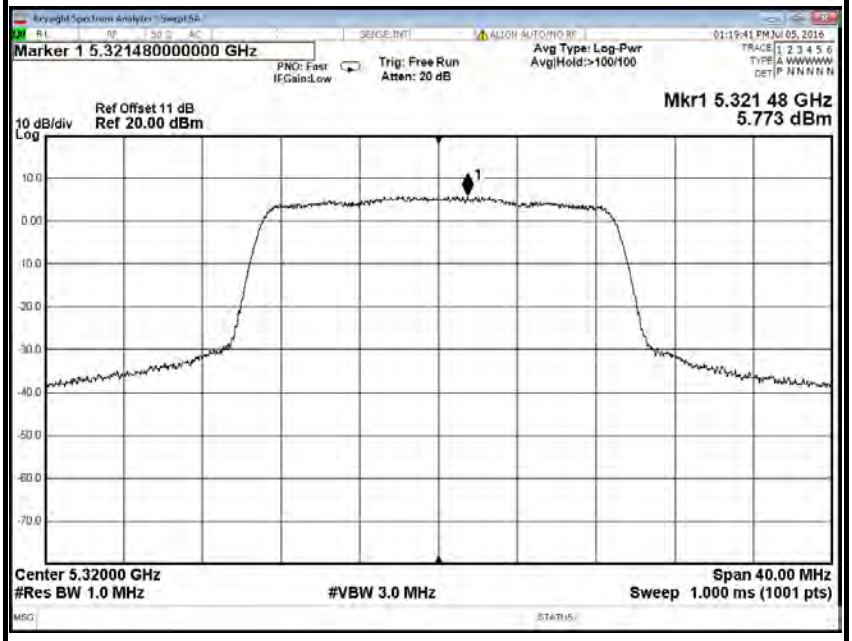
PPSD (CH Mid)

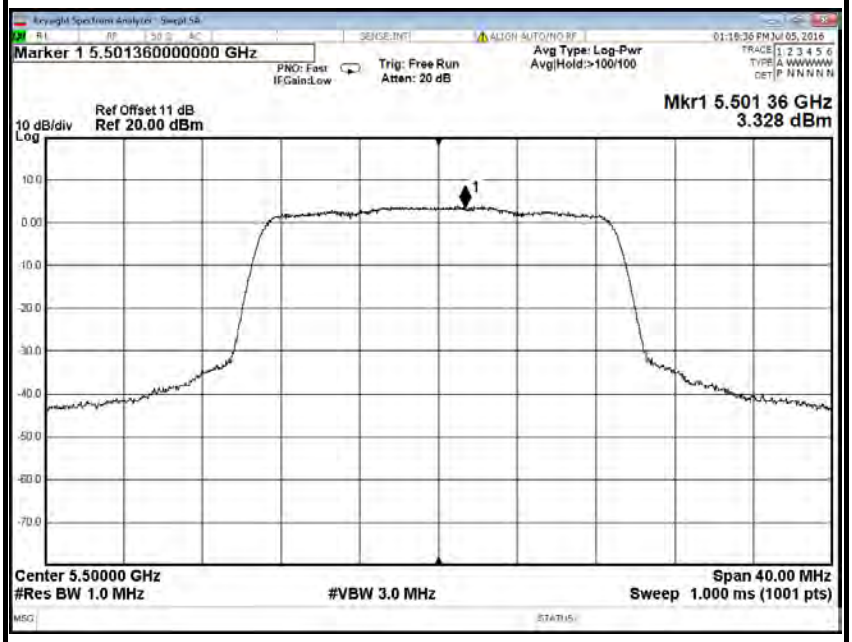
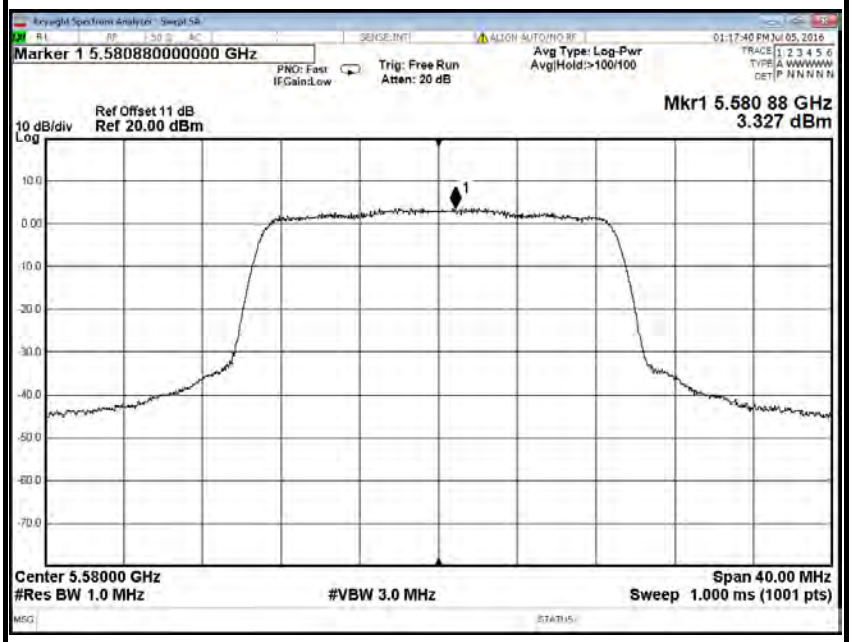
Antenna 1



PPSD (CH High)

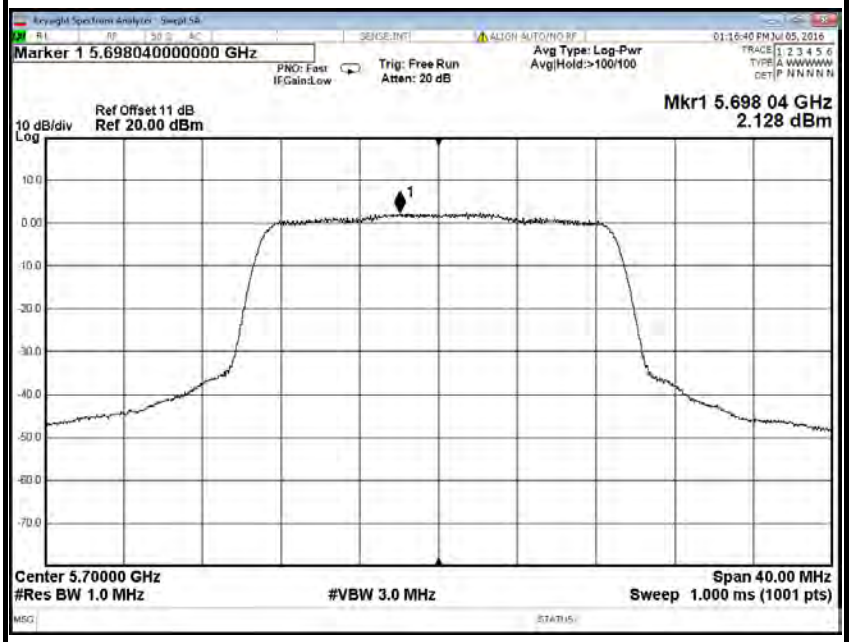
Antenna 1



IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz
PPSD (CH Low)
Antenna 1

PPSD (CH Mid)
Antenna 1


PPSD (CH High)

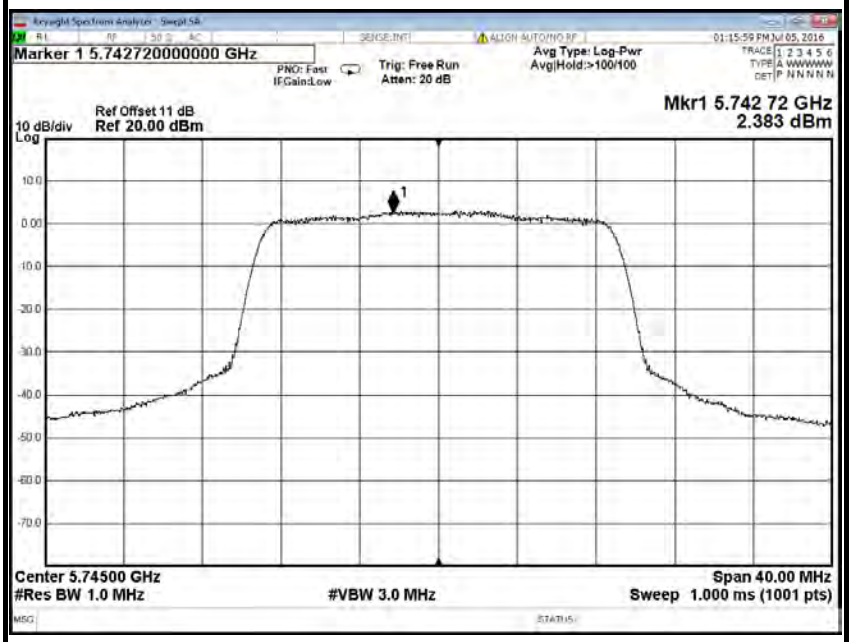
Antenna 1



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

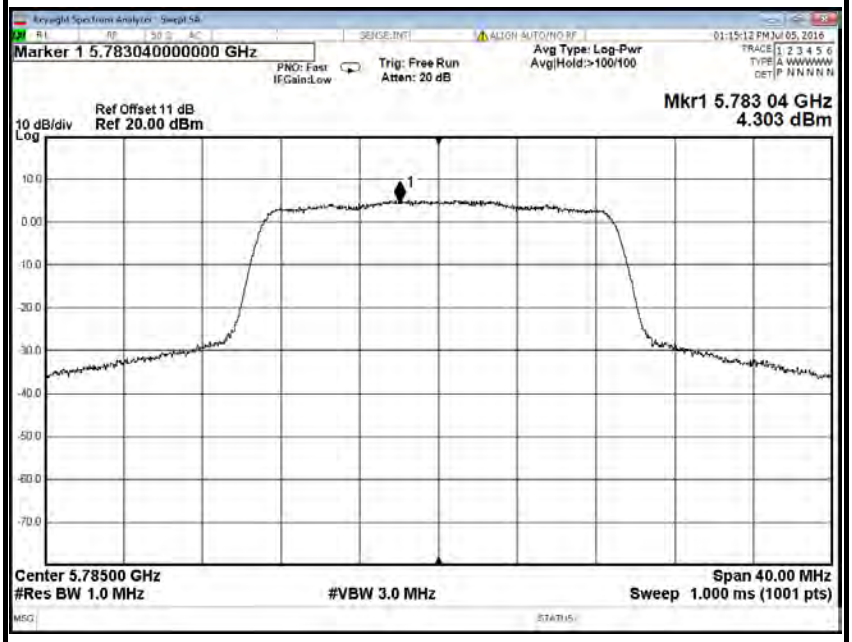
PPSD (CH Low)

Antenna 1



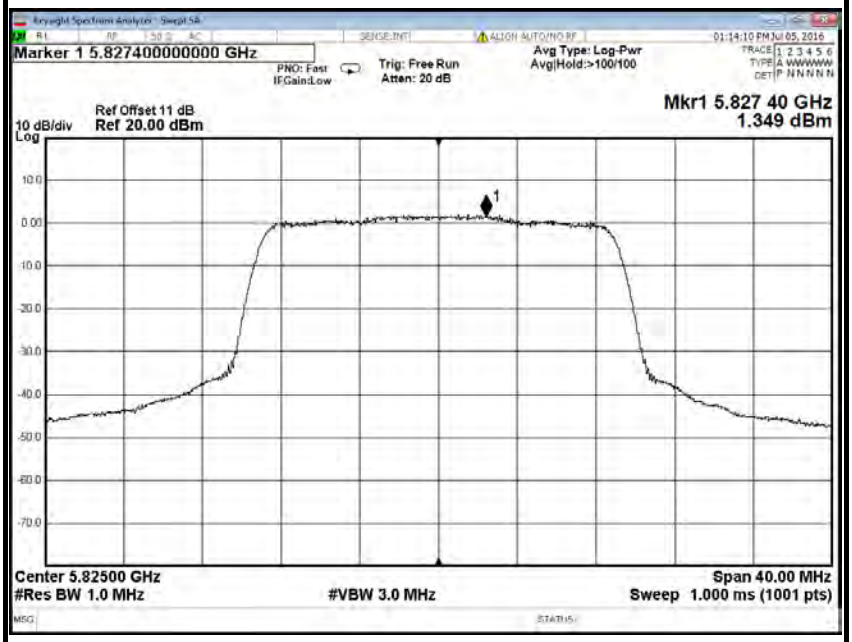
PPSD (CH Mid)

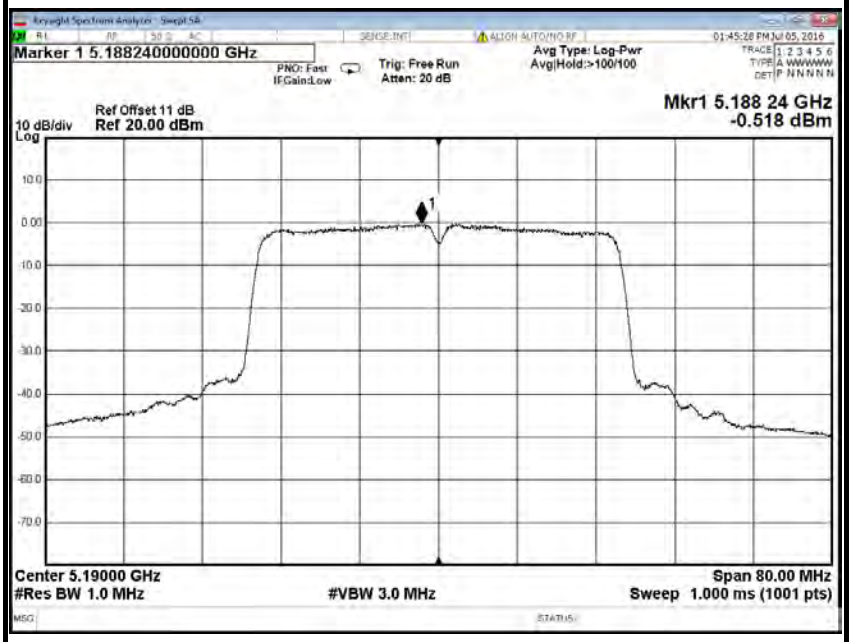
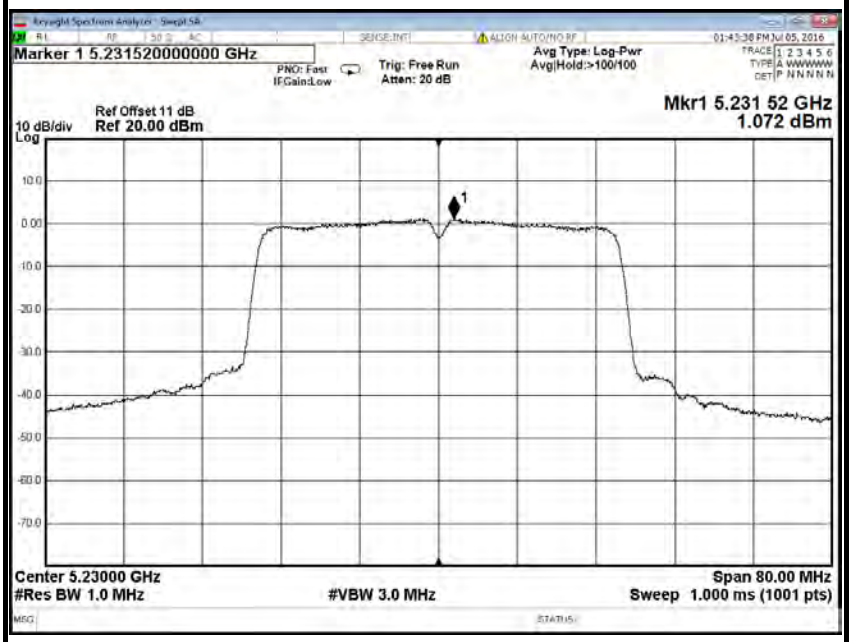
Antenna 1



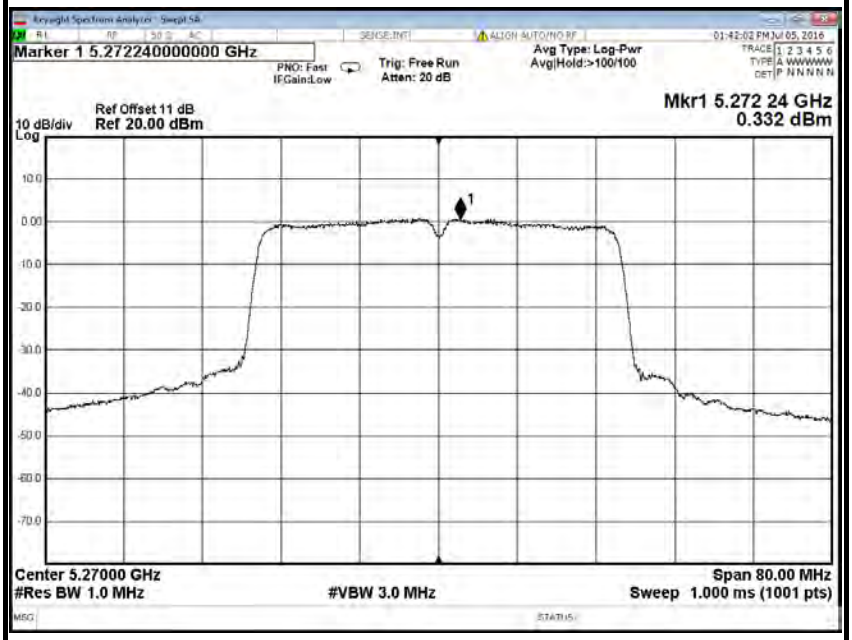
PPSD (CH High)

Antenna 1

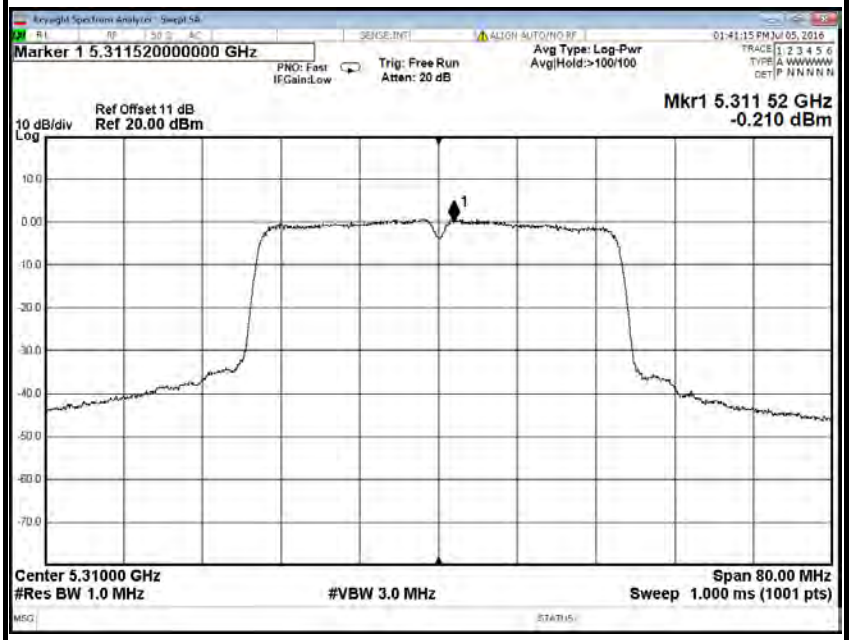


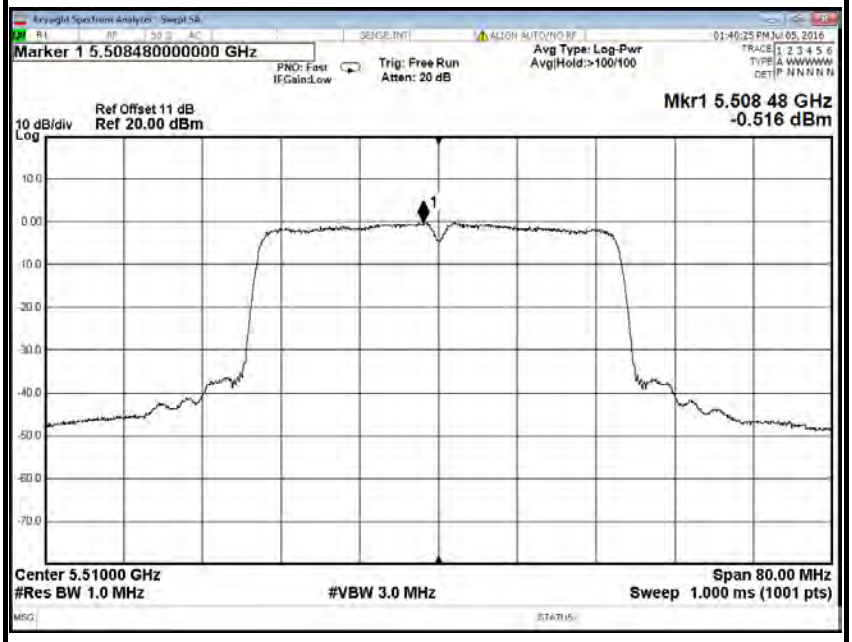
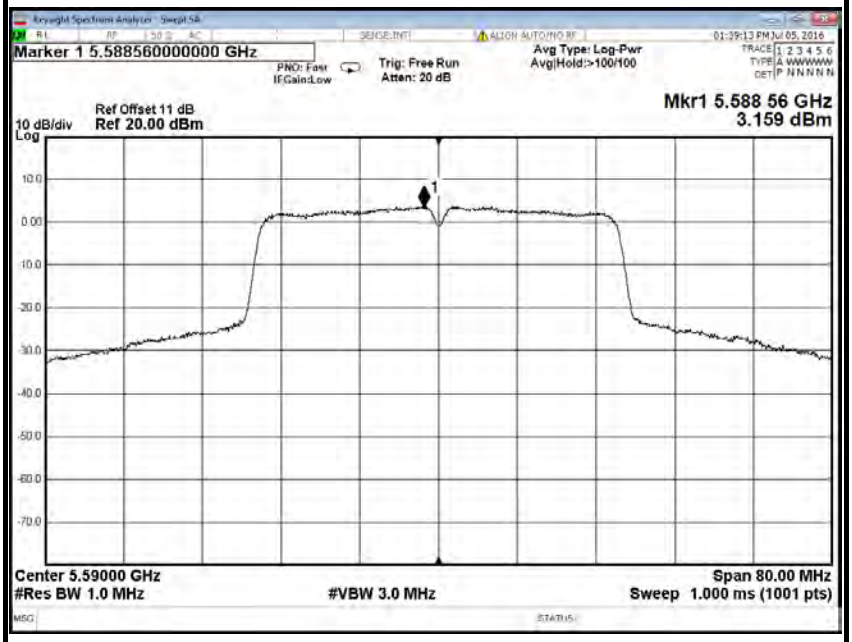
IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz
PPSD (CH Low)
Antenna 0

PPSD (CH High)
Antenna 0


IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz
PPSD (CH Low)
Antenna 0



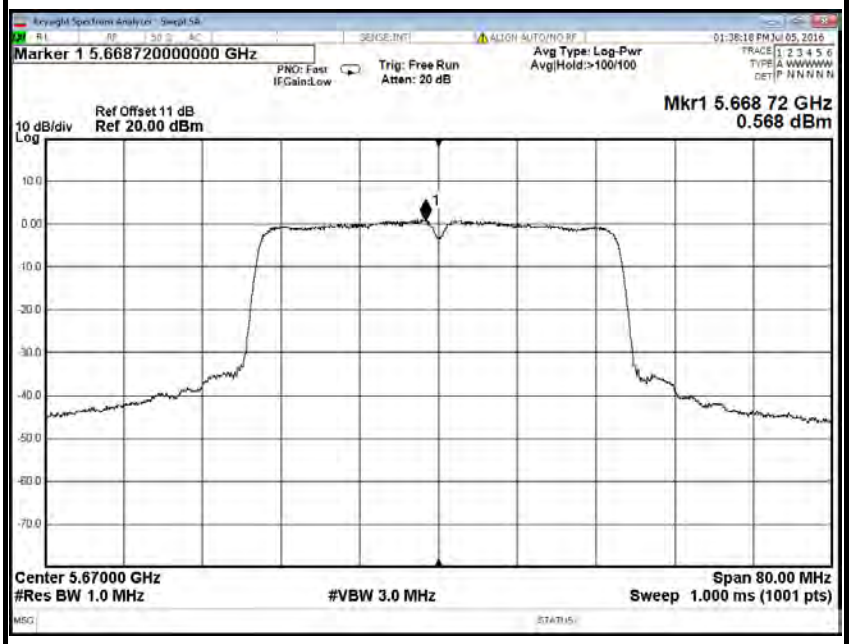
PPSD (CH High)
Antenna 0



IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz
PPSD (CH Low)
Antenna 0

PPSD (CH Mid)
Antenna 0


PPSD (CH High)

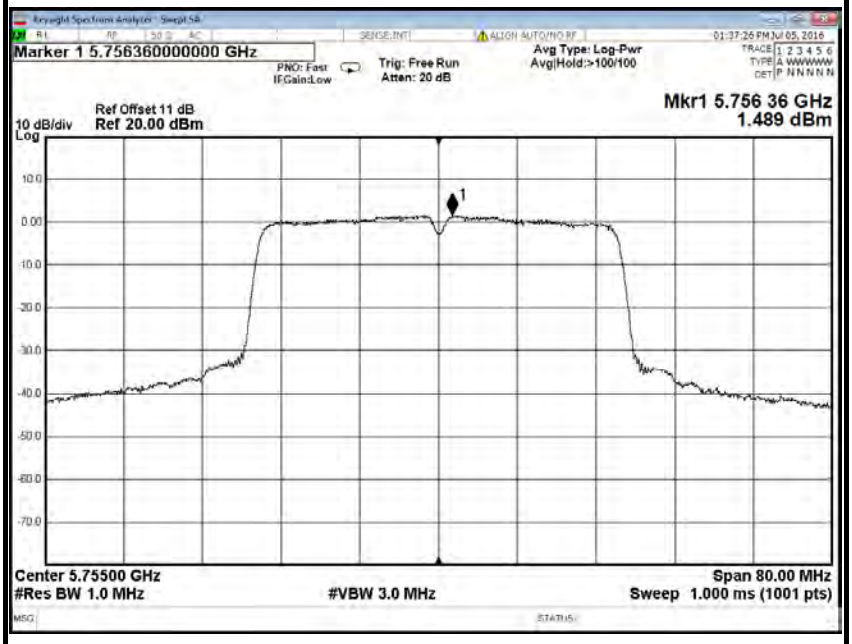
Antenna 0



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

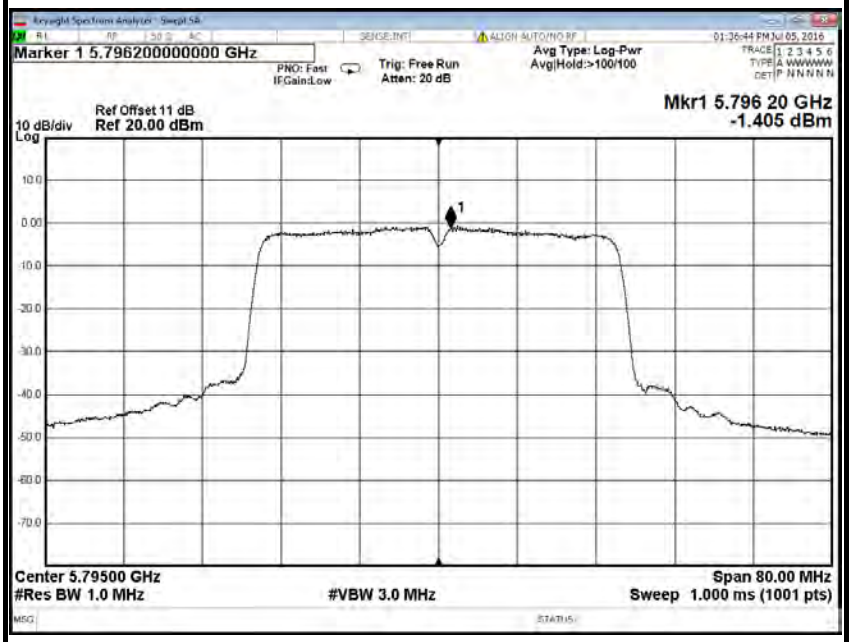
PPSD (CH Low)

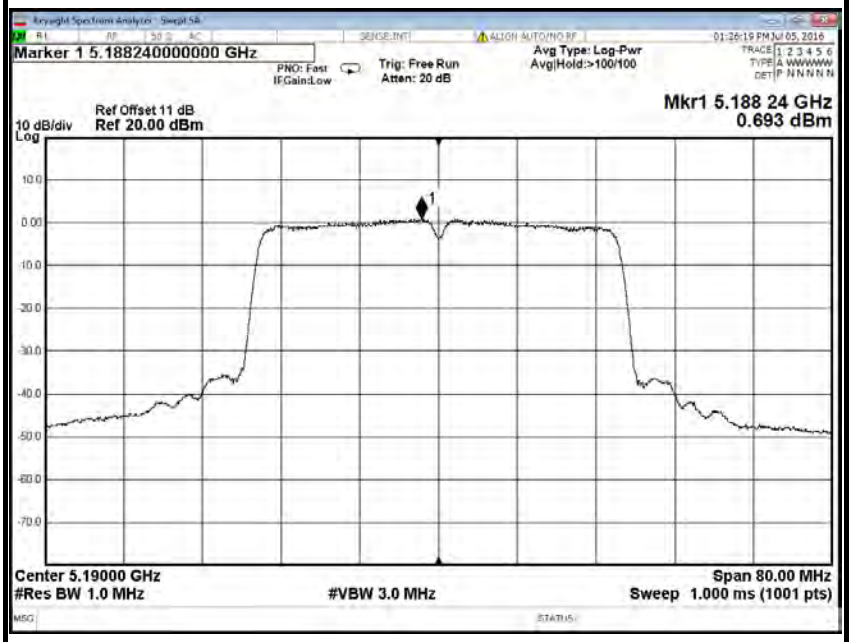
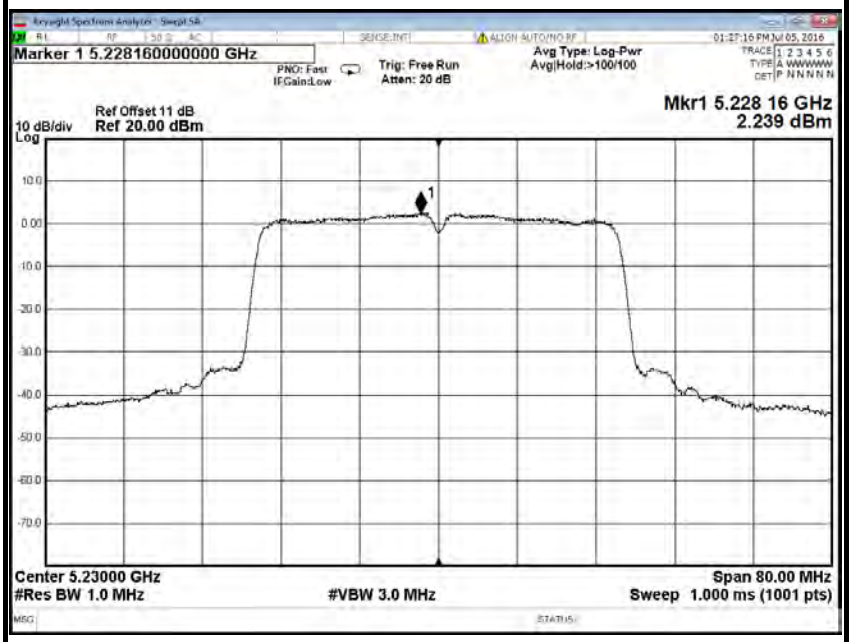
Antenna 0



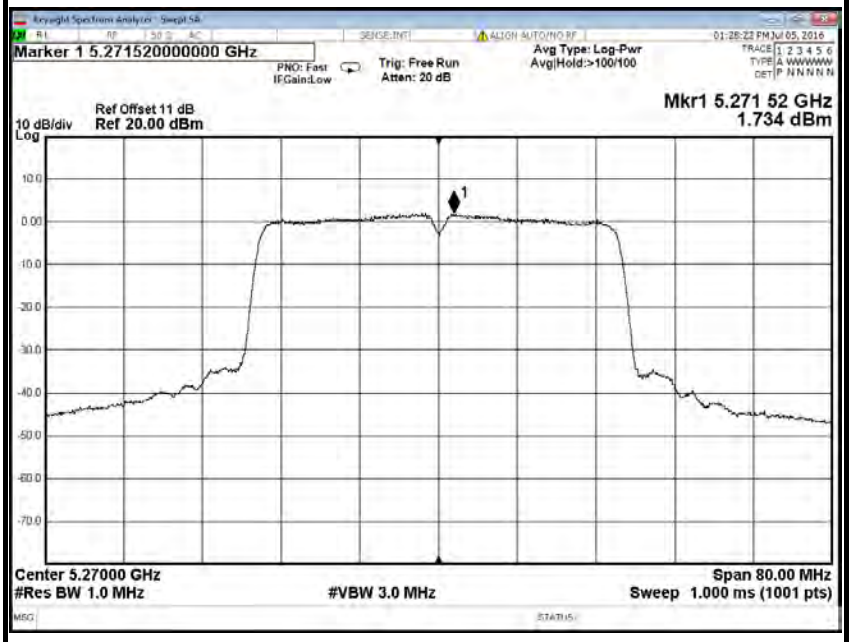
PPSD (CH High)

Antenna 0

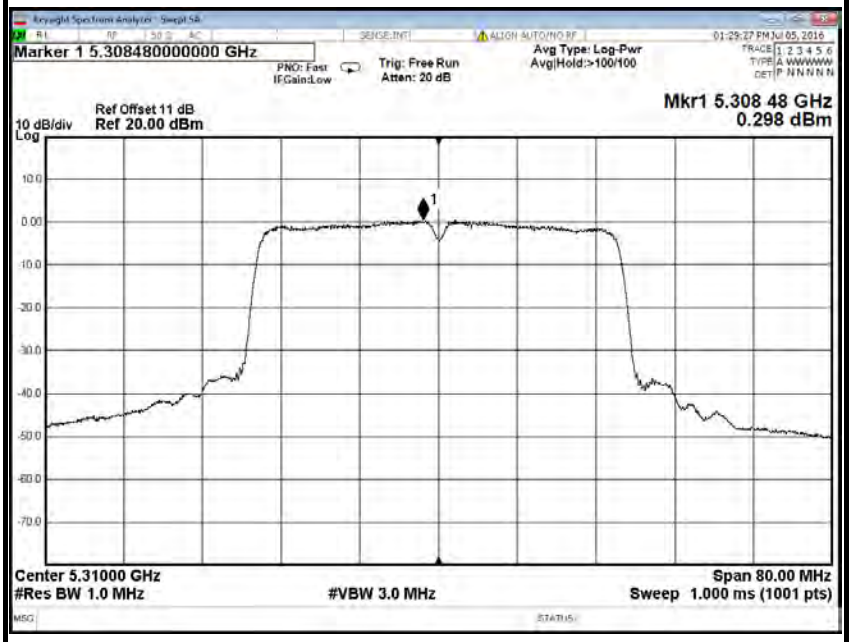


IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz
PPSD (CH Low)
Antenna 1

PPSD (CH High)
Antenna 1


IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz
PPSD (CH Low)
Antenna 1



PPSD (CH High)
Antenna 1



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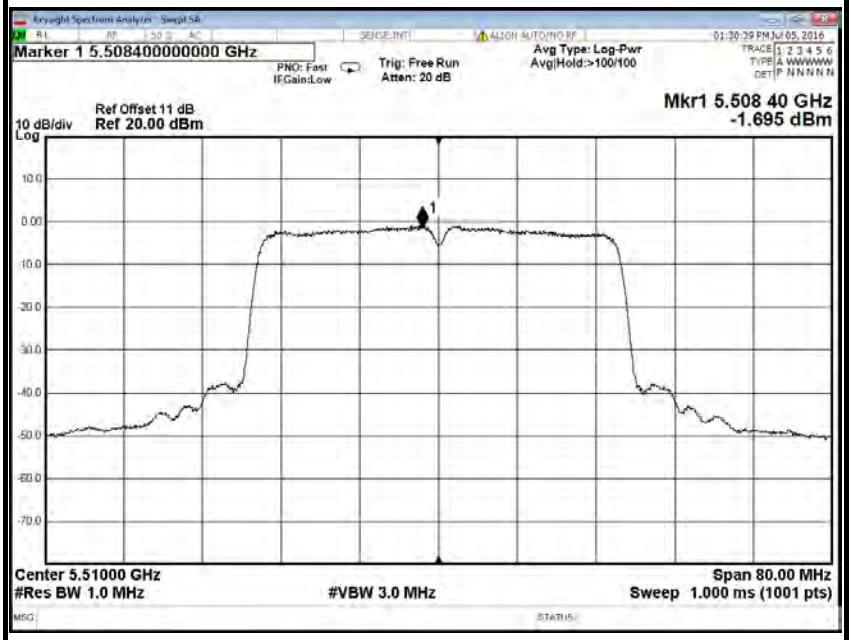
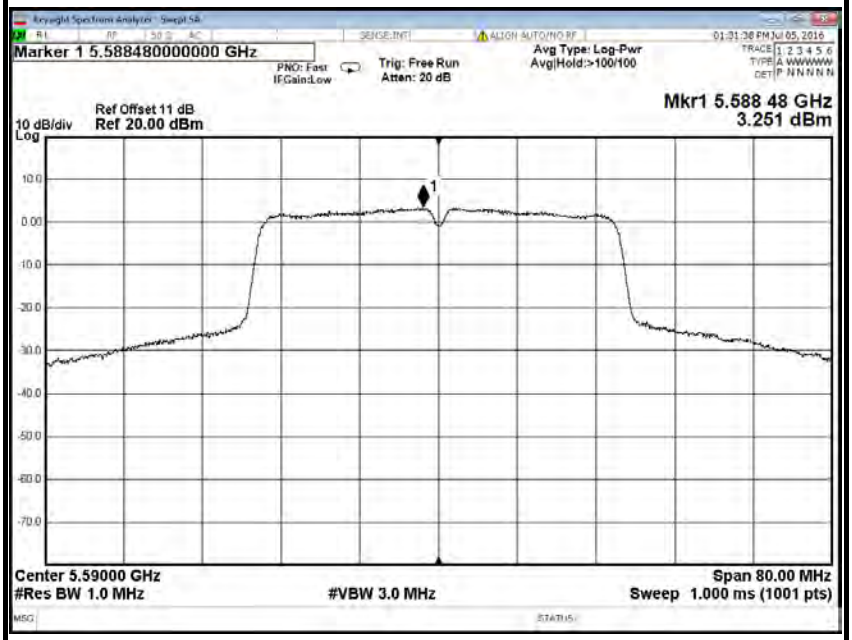
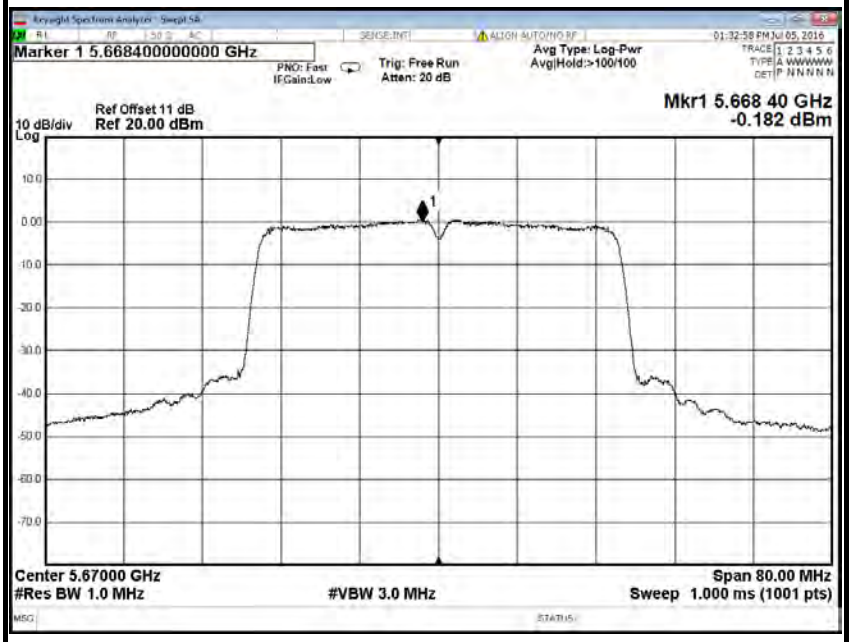

PPSD (CH Mid)
Antenna 1


PPSD (CH High)

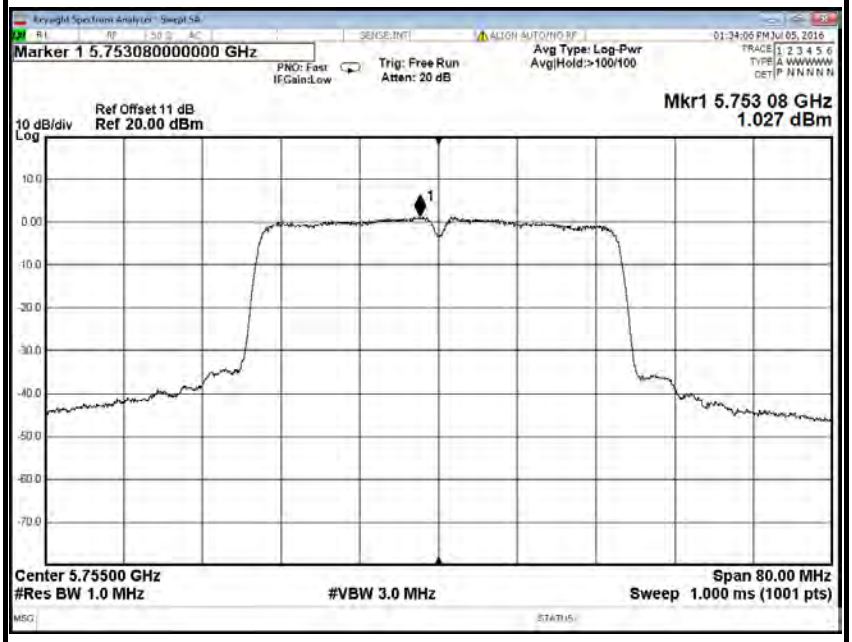
Antenna 1



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

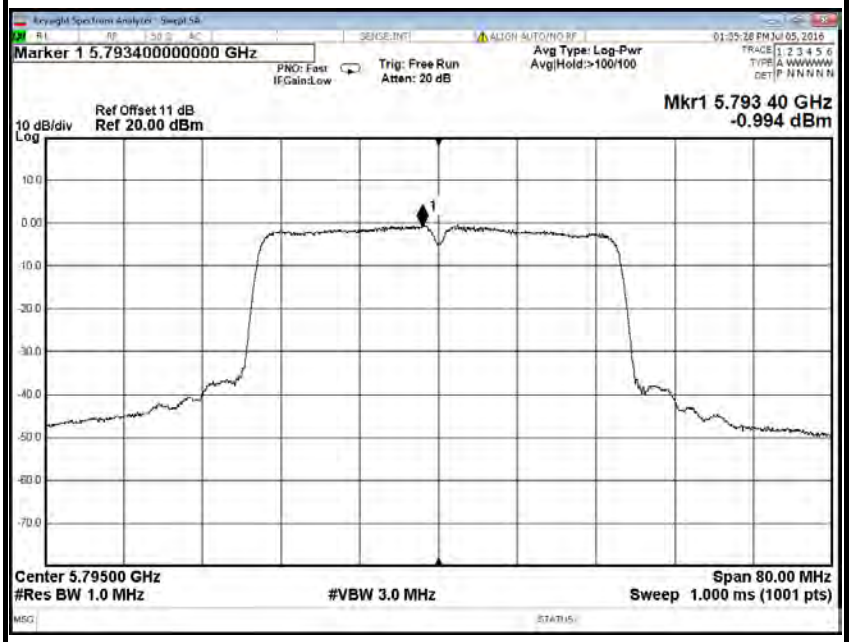
PPSD (CH Low)

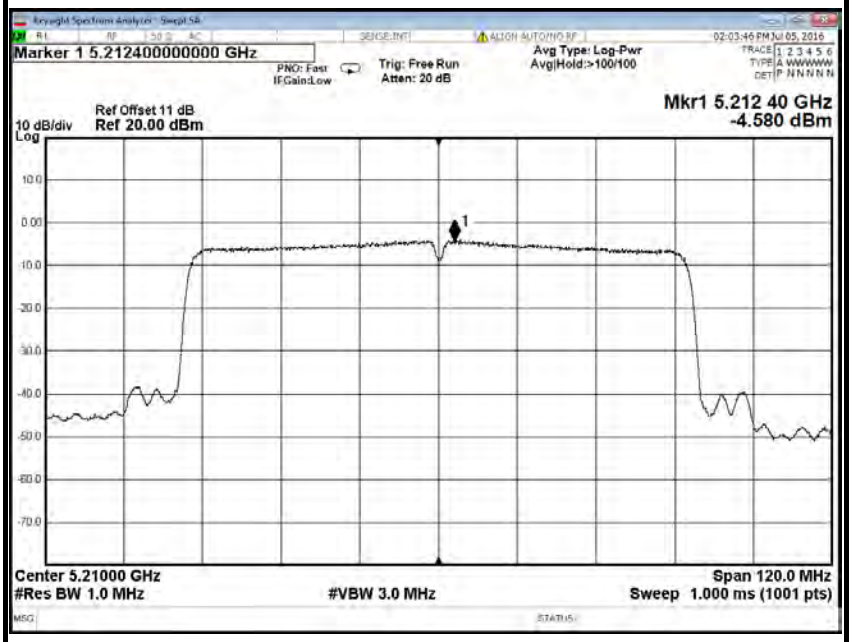
Antenna 1

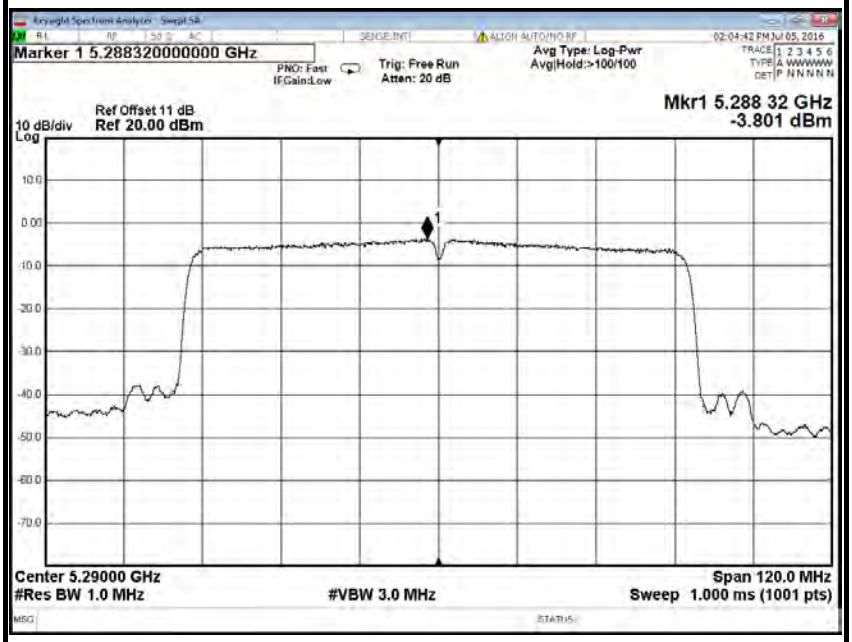


26dB Bandwidth (CH High)

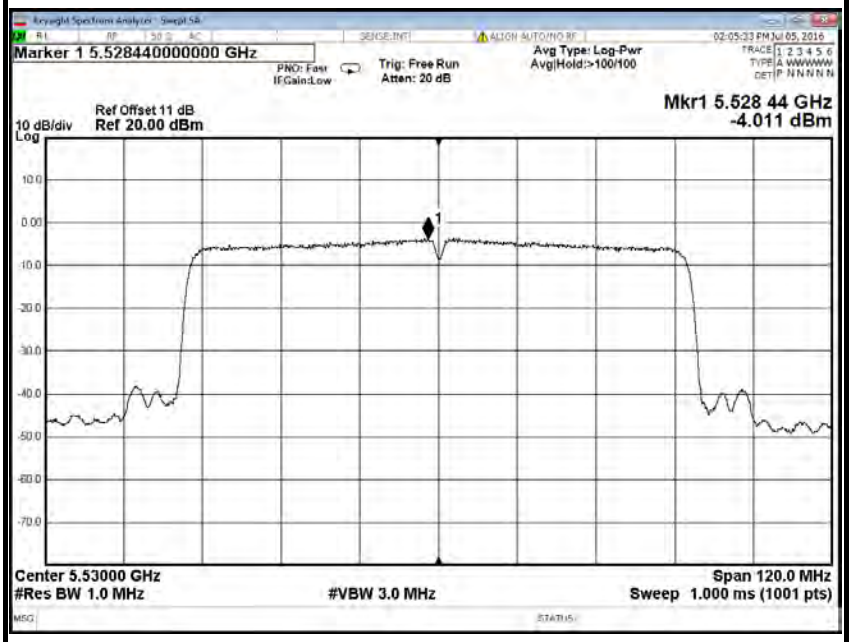
Antenna 1



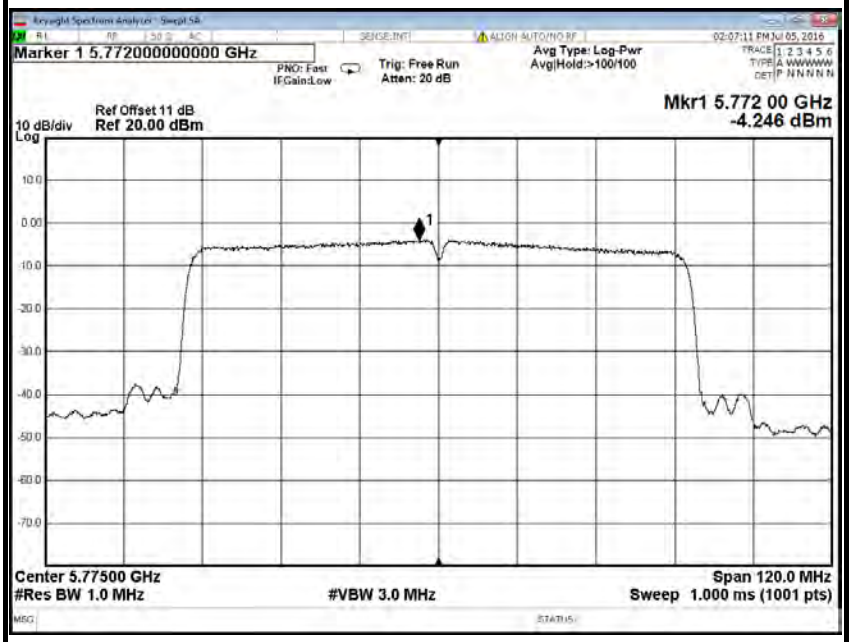
IEEE 802.11ac 80 mode / 5210MHz
PPSD
Antenna 0


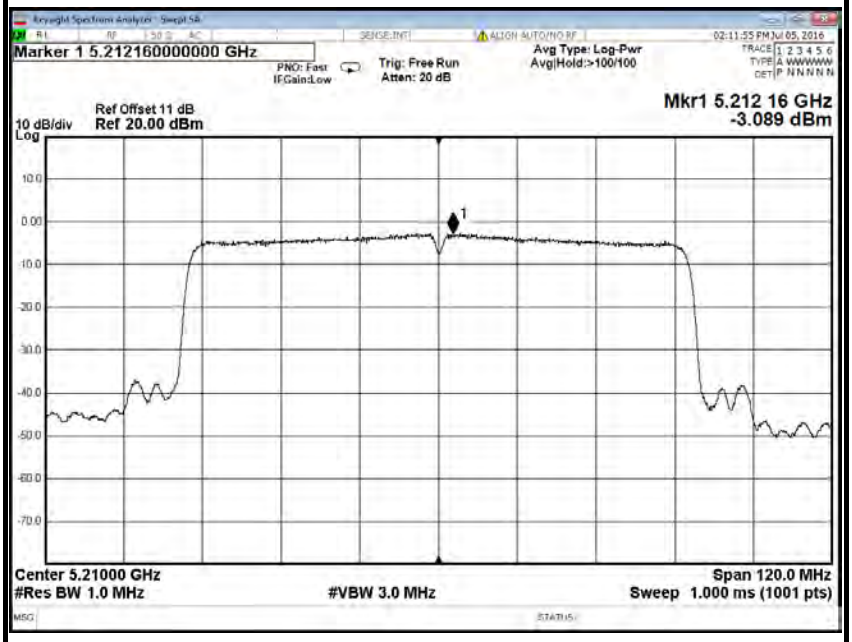
IEEE 802.11ac 80 mode / 5290MHz
PPSD
Antenna 0


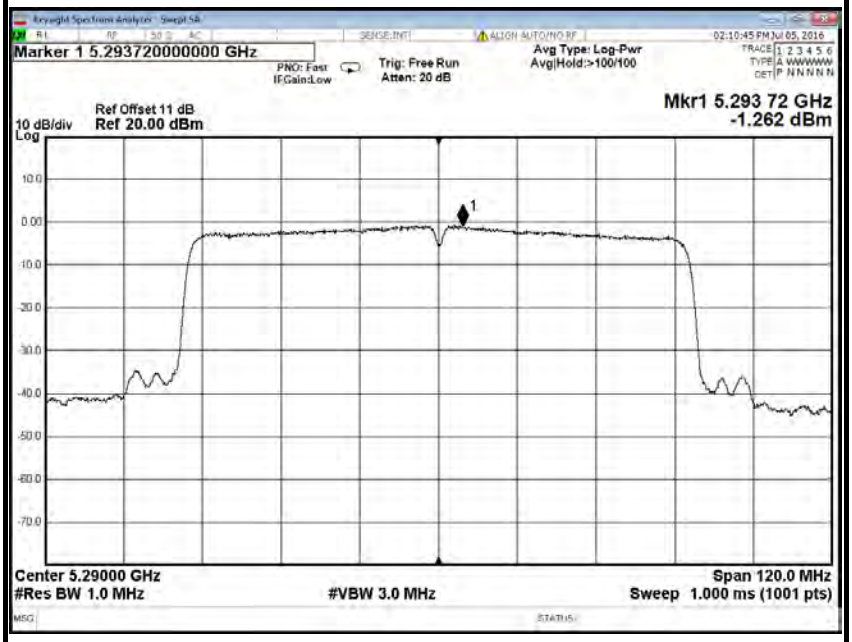
IEEE 802.11ac 80 mode / 5530MHz
PPSD
Antenna 0

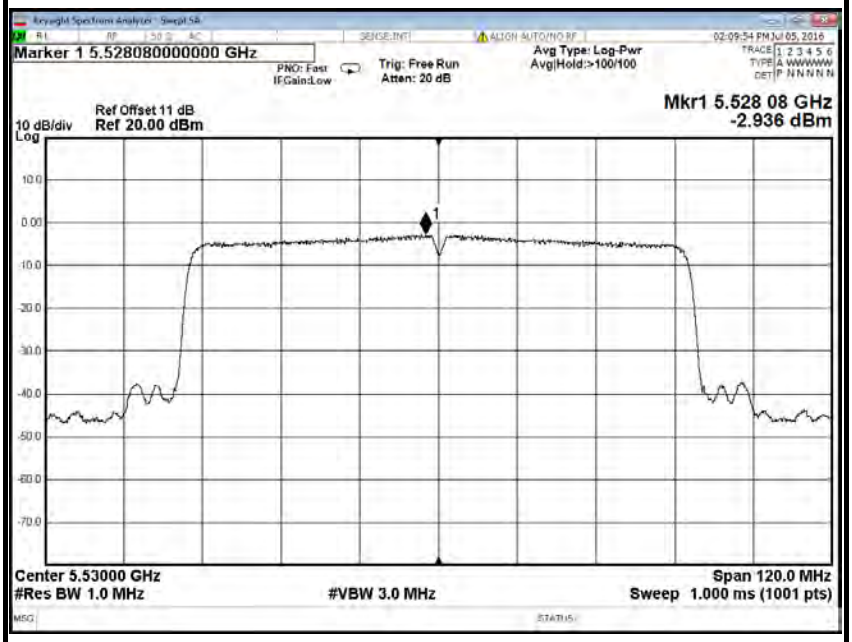
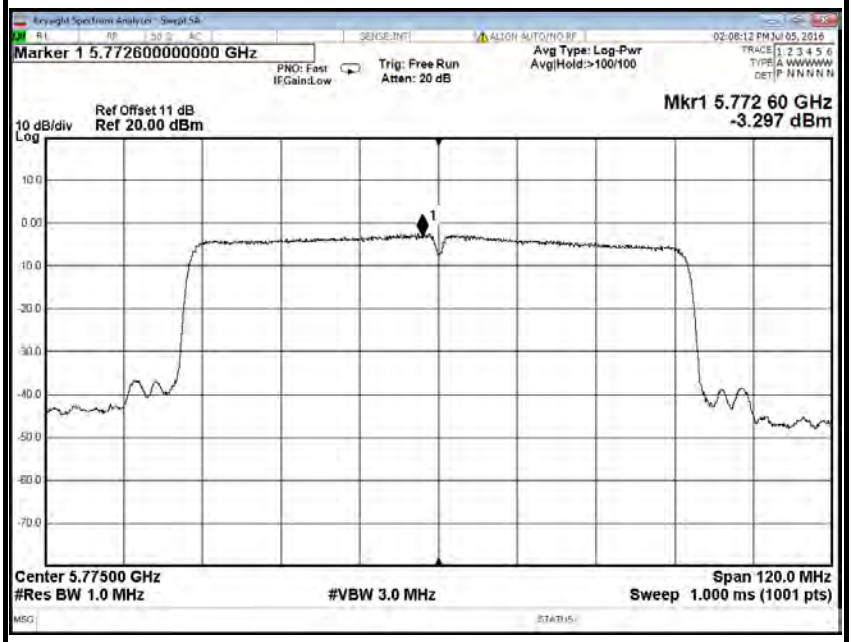


IEEE 802.11ac 80 mode / 5775MHz
PPSD
Antenna 0



IEEE 802.11ac 80 mode / 5210MHz
PPSD
Antenna 1


IEEE 802.11ac 80 mode / 5290MHz
PPSD
Antenna 1


IEEE 802.11ac 80 mode / 5530MHz
PPSD
Antenna 1

sIEEE 802.11ac 80 mode / 5775MHz
PPSD
Antenna 1


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.

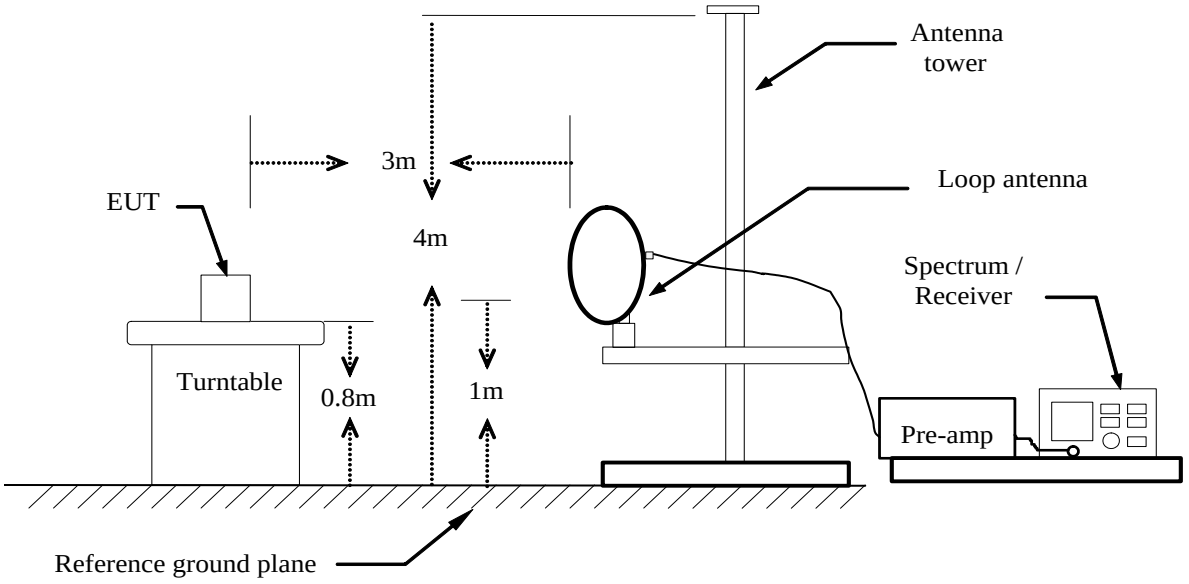
Frequency (MHz)	Field Strength (μV/m at 3-meter)	Field Strength (dBμV/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

6.7.2 TEST INSTRUMENTS

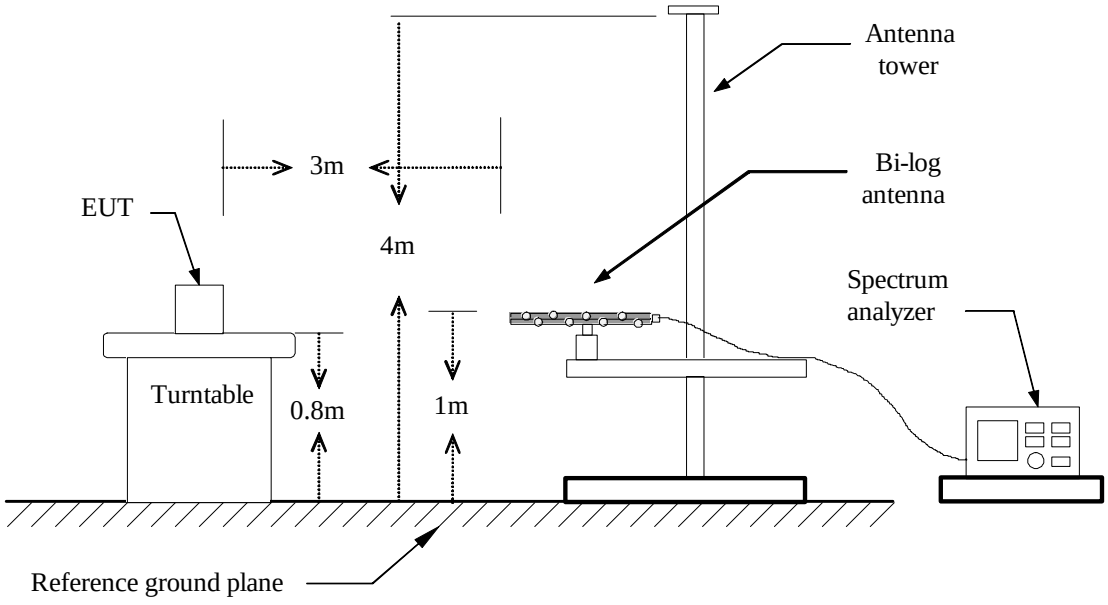
Radiated Emission Test Site 966（2）					
Name of Equipment	**Manufacturer**	**Model Number**	**Serial Number**	**Last Calibration**	**Due Calibration**
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2016	02/20/2017
Amplifier	EMEC	EM330	060661	03/18/2016	03/17/2017
High Noise Amplifier	Agilent	8449B	3008A01838	02/21/2016	02/20/2017
Loop Antenna	COM-POWER	AL-130	121044	09/25/2015	09/24/2016
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/21/2016	02/20/2017
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/28/2016	02/27/2017
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170-497	02/28/2016	02/27/2017
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	02/21/2016	02/20/2017
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2			

6.7.3 TEST CONFIGURATION

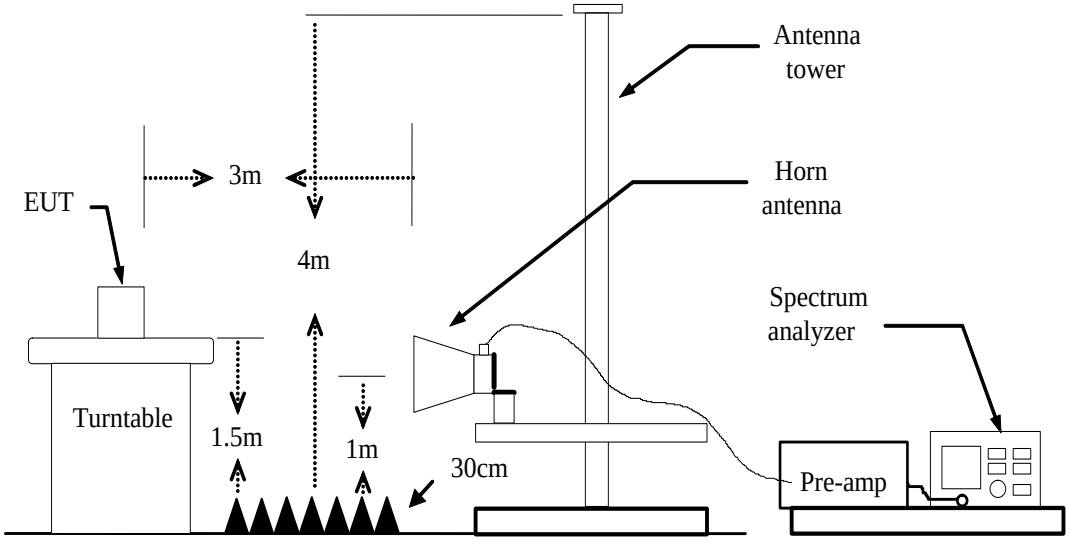
Below 30MHz



Below 1 GHz



Above 1 GHz



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

6.7.4 TEST PROCEDURE

1. The EUT is placed on a turntable, which is 0.8m or 1.5m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Set the spectrum analyzer in the following setting as:

   Below 1GHz:

   RBW=100kHz / VBW=300kHz / Sweep=AUTO

   Above 1GHz:

   (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO

   (b) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO / Detector=Peak
7. Repeat above procedures until the measurements for all frequencies are complete.

6.7.5 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

6.7.6 TEST RESULTS

Below 1 GHz

Test Mode: TX **Tested by:** Darry Wu

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
36.7900	53.21	-15.21	38.00	40.00	-2.00	V	QP
54.2500	50.08	-22.47	27.61	40.00	-12.39	V	QP
105.6600	44.08	-22.63	21.45	43.50	-22.05	V	QP
184.2300	43.37	-22.91	20.46	43.50	-23.04	V	QP
258.9200	45.42	-20.04	25.38	46.00	-20.62	V	QP
433.5200	42.57	-15.62	26.95	46.00	-19.05	V	QP
121.1800	49.70	-21.09	28.61	43.50	-14.89	H	QP
185.2000	55.92	-22.90	33.02	43.50	-10.48	H	QP
259.8900	53.38	-19.92	33.46	46.00	-12.54	H	QP
309.3600	49.02	-19.20	29.82	46.00	-16.18	H	QP
433.5200	43.32	-15.62	27.70	46.00	-18.30	H	QP
600.3600	44.98	-12.86	32.12	46.00	-13.88	H	QP

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).*

Above 1 GHz

1GHz~6GHz

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1105.000	45.95	-8.15	37.80	74.00	-36.20	V	peak
1440.000	45.88	-6.99	38.89	74.00	-35.11	V	peak
2400.000	44.34	-2.81	41.53	74.00	-32.47	V	peak
2900.000	43.04	-1.54	41.50	74.00	-32.50	V	peak
3475.000	43.28	-0.56	42.72	74.00	-31.28	V	peak
4995.000	41.27	4.96	46.23	74.00	-27.77	V	peak
1140.000	44.99	-8.02	36.97	74.00	-37.03	H	Peak
1630.000	44.15	-6.64	37.51	74.00	-36.49	H	Peak
3475.000	43.02	-0.56	42.46	74.00	-31.54	H	Peak
3725.000	42.79	0.43	43.22	74.00	-30.78	H	peak
4195.000	41.94	2.28	44.22	74.00	-29.78	H	peak
4395.000	42.03	2.98	45.01	74.00	-28.99	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).*

6GHz~18GHz

Antenna 0

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7224.000	31.20	8.14	39.34	74.00	-34.66	V	peak
7740.000	31.60	9.14	40.74	74.00	-33.26	V	peak
8376.000	31.32	9.44	40.76	74.00	-33.24	V	peak
10356.000	31.39	13.08	44.47	74.00	-29.53	V	peak
11028.000	29.88	15.07	44.95	74.00	-29.05	V	peak
12984.000	29.38	17.90	47.28	74.00	-26.72	V	peak
6948.000	31.69	7.62	39.31	74.00	-34.69	H	Peak
7752.000	31.21	9.17	40.38	74.00	-33.62	H	Peak
10176.000	30.54	12.53	43.07	74.00	-30.93	H	Peak
10500.000	30.97	13.53	44.50	74.00	-29.50	H	peak
11316.000	29.84	14.94	44.78	74.00	-29.22	H	peak
12996.000	29.27	17.94	47.21	74.00	-26.79	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6900.000	31.68	7.54	39.22	74.00	-34.78	V	peak
7764.000	31.50	9.19	40.69	74.00	-33.31	V	peak
8376.000	31.09	9.44	40.53	74.00	-33.47	V	peak
10932.000	29.67	14.87	44.54	74.00	-29.46	V	peak
12864.000	29.37	17.50	46.87	74.00	-27.13	V	peak
14244.000	28.37	20.72	49.09	74.00	-24.91	V	peak
6948.000	31.76	7.62	39.38	74.00	-34.62	H	Peak
7776.000	31.30	9.21	40.51	74.00	-33.49	H	Peak
8448.000	31.60	9.40	41.00	74.00	-33.00	H	Peak
10668.000	29.70	14.05	43.75	74.00	-30.25	H	peak
11844.000	30.62	14.71	45.33	74.00	-28.67	H	peak
14124.000	28.21	20.65	48.86	74.00	-25.14	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.19	9.19	40.38	74.00	-33.62	V	peak
8520.000	31.45	9.36	40.81	74.00	-33.19	V	peak
10476.000	33.89	13.46	47.35	74.00	-26.65	V	peak
11016.000	29.86	15.07	44.93	74.00	-29.07	V	peak
11844.000	30.24	14.71	44.95	74.00	-29.05	V	peak
14268.000	28.49	20.74	49.23	74.00	-24.77	V	peak
6600.000	32.95	7.05	40.00	74.00	-34.00	H	Peak
7836.000	32.68	9.33	42.01	74.00	-31.99	H	Peak
10476.000	31.94	13.46	45.40	74.00	-28.60	H	Peak
10872.000	33.44	14.68	48.12	74.00	-25.88	H	peak
11208.000	30.32	14.99	45.31	74.00	-28.69	H	peak
13548.000	28.18	19.39	47.57	74.00	-26.43	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6924.000	31.56	7.58	39.14	74.00	-34.86	V	peak
7752.000	31.52	9.17	40.69	74.00	-33.31	V	peak
10524.000	33.20	13.60	46.80	74.00	-27.20	V	peak
11052.000	29.96	15.06	45.02	74.00	-28.98	V	peak
12192.000	29.92	15.28	45.20	74.00	-28.80	V	peak
14268.000	28.85	20.74	49.59	74.00	-24.41	V	peak
6972.000	31.61	7.65	39.26	74.00	-34.74	H	Peak
7212.000	31.30	8.11	39.41	74.00	-34.59	H	Peak
8364.000	31.95	9.45	41.40	74.00	-32.60	H	Peak
10056.000	31.19	12.15	43.34	74.00	-30.66	H	peak
10524.000	31.70	13.60	45.30	74.00	-28.70	H	peak
11580.000	30.08	14.82	44.90	74.00	-29.10	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	31.50	9.14	40.64	74.00	-33.36	V	peak
10596.000	31.47	13.83	45.30	74.00	-28.70	V	peak
10944.000	30.06	14.91	44.97	74.00	-29.03	V	peak
12792.000	30.05	17.26	47.31	74.00	-26.69	V	peak
14220.000	28.74	20.71	49.45	74.00	-24.55	V	peak
14880.000	29.18	21.09	50.27	74.00	-23.73	V	peak
7764.000	31.71	9.19	40.90	74.00	-33.10	H	Peak
10596.000	30.45	13.83	44.28	74.00	-29.72	H	Peak
10860.000	29.87	14.65	44.52	74.00	-29.48	H	Peak
11208.000	30.20	14.99	45.19	74.00	-28.81	H	peak
13008.000	29.13	17.97	47.10	74.00	-26.90	H	peak
14232.000	28.33	20.71	49.04	74.00	-24.96	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7776.000	31.13	9.21	40.34	74.00	-33.66	V	peak
9156.000	31.45	9.55	41.00	74.00	-33.00	V	peak
10644.000	31.48	13.98	45.46	74.00	-28.54	V	peak
11436.000	29.92	14.89	44.81	74.00	-29.19	V	peak
12984.000	28.97	17.90	46.87	74.00	-27.13	V	peak
14208.000	28.31	20.70	49.01	74.00	-24.99	V	peak
6972.000	31.94	7.65	39.59	74.00	-34.41	H	Peak
7752.000	31.73	9.17	40.90	74.00	-33.10	H	Peak
10644.000	30.84	13.98	44.82	74.00	-29.18	H	Peak
11844.000	30.31	14.71	45.02	74.00	-28.98	H	peak
12984.000	29.13	17.90	47.03	74.00	-26.97	H	peak
14772.000	28.40	21.03	49.43	74.00	-24.57	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.44	7.62	39.06	74.00	-34.94	V	peak
8376.000	31.45	9.44	40.89	74.00	-33.11	V	peak
10020.000	30.89	12.04	42.93	74.00	-31.07	V	peak
10524.000	30.42	13.60	44.02	74.00	-29.98	V	peak
10992.000	30.28	15.06	45.34	74.00	-28.66	V	peak
14316.000	28.71	20.76	49.47	74.00	-24.53	V	peak
6948.000	31.90	7.62	39.52	74.00	-34.48	H	Peak
7752.000	31.65	9.17	40.82	74.00	-33.18	H	Peak
8328.000	31.69	9.47	41.16	74.00	-32.84	H	Peak
10296.000	30.81	12.90	43.71	74.00	-30.29	H	peak
12912.000	29.55	17.66	47.21	74.00	-26.79	H	peak
14736.000	28.84	21.01	49.85	74.00	-24.15	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6048.000	32.57	6.16	38.73	74.00	-35.27	V	peak
7740.000	31.39	9.14	40.53	74.00	-33.47	V	peak
10272.000	30.60	12.82	43.42	74.00	-30.58	V	peak
11160.000	34.24	15.01	49.25	74.00	-24.75	V	peak
11844.000	30.37	14.71	45.08	74.00	-28.92	V	peak
15120.000	29.03	20.61	49.64	74.00	-24.36	V	peak
7752.000	31.29	9.17	40.46	74.00	-33.54	H	Peak
10524.000	30.24	13.60	43.84	74.00	-30.16	H	Peak
11160.000	35.21	15.01	50.22	74.00	-23.78	H	Peak
11856.000	30.57	14.70	45.27	74.00	-28.73	H	peak
12240.000	29.88	15.43	45.31	74.00	-28.69	H	peak
14316.000	28.53	20.76	49.29	74.00	-24.71	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6960.000	31.78	7.64	39.42	74.00	-34.58	V	peak
8364.000	31.41	9.45	40.86	74.00	-33.14	V	peak
10248.000	30.71	12.75	43.46	74.00	-30.54	V	peak
10512.000	30.30	13.57	43.87	74.00	-30.13	V	peak
11400.000	36.11	14.90	51.01	74.00	-22.99	V	peak
12912.000	29.41	17.66	47.07	74.00	-26.93	V	peak
7716.000	31.31	9.10	40.41	74.00	-33.59	H	Peak
10032.000	30.90	12.08	42.98	74.00	-31.02	H	Peak
11196.000	29.91	14.99	44.90	74.00	-29.10	H	Peak
11400.000	35.08	14.90	49.98	74.00	-24.02	H	peak
13116.000	28.63	18.26	46.89	74.00	-27.11	H	peak
14124.000	28.03	20.65	48.68	74.00	-25.32	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7248.000	30.92	8.18	39.10	74.00	-34.90	V	peak
7764.000	31.31	9.19	40.50	74.00	-33.50	V	peak
10524.000	30.67	13.60	44.27	74.00	-29.73	V	peak
10860.000	29.63	14.65	44.28	74.00	-29.72	V	peak
11484.000	35.30	14.87	50.17	74.00	-23.83	V	peak
13548.000	28.10	19.39	47.49	74.00	-26.51	V	peak
6948.000	31.93	7.62	39.55	74.00	-34.45	H	Peak
7752.000	31.35	9.17	40.52	74.00	-33.48	H	Peak
10044.000	30.78	12.12	42.90	74.00	-31.10	H	Peak
10932.000	29.91	14.87	44.78	74.00	-29.22	H	peak
11484.000	33.25	14.87	48.12	74.00	-25.88	H	peak
14124.000	27.98	20.65	48.63	74.00	-25.37	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6924.000	32.16	7.58	39.74	74.00	-34.26	V	peak
7752.000	31.25	9.17	40.42	74.00	-33.58	V	peak
10272.000	30.80	12.82	43.62	74.00	-30.38	V	peak
10524.000	30.13	13.60	43.73	74.00	-30.27	V	peak
11568.000	37.43	14.83	52.26	74.00	-21.74	V	peak
13008.000	29.13	17.97	47.10	74.00	-26.90	V	peak
6972.000	31.73	7.65	39.38	74.00	-34.62	H	Peak
7788.000	31.37	9.24	40.61	74.00	-33.39	H	Peak
10056.000	31.12	12.15	43.27	74.00	-30.73	H	Peak
10944.000	29.70	14.91	44.61	74.00	-29.39	H	peak
11568.000	35.84	14.83	50.67	74.00	-23.33	H	peak
14928.000	28.58	21.12	49.70	74.00	-24.30	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6972.000	31.71	7.65	39.36	74.00	-34.64	V	peak
7788.000	31.21	9.24	40.45	74.00	-33.55	V	peak
8364.000	31.37	9.45	40.82	74.00	-33.18	V	peak
10524.000	30.47	13.60	44.07	74.00	-29.93	V	peak
11652.000	37.57	14.79	52.36	74.00	-21.64	V	peak
15000.000	28.85	21.16	50.01	74.00	-23.99	V	peak
7728.000	31.24	9.12	40.36	74.00	-33.64	H	Peak
8352.000	31.24	9.46	40.70	74.00	-33.30	H	Peak
10500.000	30.63	13.53	44.16	74.00	-29.84	H	Peak
11316.000	30.10	14.94	45.04	74.00	-28.96	H	peak
11652.000	35.18	14.79	49.97	74.00	-24.03	H	peak
13008.000	29.06	17.97	47.03	74.00	-26.97	H	peak

Remark:

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

Antenna 1

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6972.000	31.62	7.65	39.27	74.00	-34.73	V	peak
7776.000	31.34	9.21	40.55	74.00	-33.45	V	peak
10512.000	30.06	13.57	43.63	74.00	-30.37	V	peak
11040.000	30.03	15.06	45.09	74.00	-28.91	V	peak
11844.000	30.75	14.71	45.46	74.00	-28.54	V	peak
13908.000	28.35	20.34	48.69	74.00	-25.31	V	peak
6960.000	31.42	7.64	39.06	74.00	-34.94	H	Peak
7752.000	31.14	9.17	40.31	74.00	-33.69	H	Peak
8508.000	31.38	9.37	40.75	74.00	-33.25	H	Peak
11208.000	30.13	14.99	45.12	74.00	-28.88	H	peak
11844.000	30.94	14.71	45.65	74.00	-28.35	H	peak
12420.000	29.87	16.03	45.90	74.00	-28.10	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.72	7.62	39.34	74.00	-34.66	V	peak
7752.000	31.70	9.17	40.87	74.00	-33.13	V	peak
10296.000	30.21	12.90	43.11	74.00	-30.89	V	peak
10860.000	29.88	14.65	44.53	74.00	-29.47	V	peak
12660.000	29.19	16.82	46.01	74.00	-27.99	V	peak
14712.000	28.59	20.99	49.58	74.00	-24.42	V	peak
6948.000	31.80	7.62	39.42	74.00	-34.58	H	Peak
7752.000	31.43	9.17	40.60	74.00	-33.40	H	Peak
8352.000	31.33	9.46	40.79	74.00	-33.21	H	Peak
11052.000	29.57	15.06	44.63	74.00	-29.37	H	peak
12960.000	29.22	17.82	47.04	74.00	-26.96	H	peak
15000.000	28.60	21.16	49.76	74.00	-24.24	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.28	9.17	40.45	74.00	-33.55	V	peak
8352.000	31.36	9.46	40.82	74.00	-33.18	V	peak
9612.000	30.81	10.86	41.67	74.00	-32.33	V	peak
10476.000	34.14	13.46	47.60	74.00	-26.40	V	peak
13008.000	29.10	17.97	47.07	74.00	-26.93	V	peak
14244.000	28.37	20.72	49.09	74.00	-24.91	V	peak
6948.000	31.22	7.62	38.84	74.00	-35.16	H	Peak
7752.000	31.06	9.17	40.23	74.00	-33.77	H	Peak
8364.000	31.27	9.45	40.72	74.00	-33.28	H	Peak
10476.000	32.16	13.46	45.62	74.00	-28.38	H	peak
11856.000	30.42	14.70	45.12	74.00	-28.88	H	peak
14280.000	28.28	20.74	49.02	74.00	-24.98	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.78	9.17	40.95	74.00	-33.05	V	peak
8376.000	31.68	9.44	41.12	74.00	-32.88	V	peak
10056.000	30.91	12.15	43.06	74.00	-30.94	V	peak
10524.000	34.58	13.60	48.18	74.00	-25.82	V	peak
10944.000	29.94	14.91	44.85	74.00	-29.15	V	peak
14256.000	28.32	20.73	49.05	74.00	-24.95	V	peak
6948.000	31.83	7.62	39.45	74.00	-34.55	H	Peak
7764.000	31.51	9.19	40.70	74.00	-33.30	H	Peak
8364.000	31.47	9.45	40.92	74.00	-33.08	H	Peak
10524.000	32.03	13.60	45.63	74.00	-28.37	H	peak
11844.000	31.00	14.71	45.71	74.00	-28.29	H	peak
12960.000	30.02	17.82	47.84	74.00	-26.16	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.76	7.62	39.38	74.00	-34.62	V	peak
7776.000	31.30	9.21	40.51	74.00	-33.49	V	peak
8448.000	31.60	9.40	41.00	74.00	-33.00	V	peak
10668.000	29.70	14.05	43.75	74.00	-30.25	V	peak
11844.000	30.62	14.71	45.33	74.00	-28.67	V	peak
14124.000	28.21	20.65	48.86	74.00	-25.14	V	peak
7752.000	31.26	9.17	40.43	74.00	-33.57	H	Peak
9612.000	31.17	10.86	42.03	74.00	-31.97	H	Peak
9948.000	30.77	11.83	42.60	74.00	-31.40	H	Peak
10596.000	30.47	13.83	44.30	74.00	-29.70	H	peak
12996.000	29.26	17.94	47.20	74.00	-26.80	H	peak
13944.000	28.06	20.43	48.49	74.00	-25.51	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	31.49	9.12	40.61	74.00	-33.39	V	peak
9612.000	31.04	10.86	41.90	74.00	-32.10	V	peak
10500.000	30.48	13.53	44.01	74.00	-29.99	V	peak
10644.000	32.62	13.98	46.60	74.00	-27.40	V	peak
11316.000	30.51	14.94	45.45	74.00	-28.55	V	peak
14304.000	28.52	20.76	49.28	74.00	-24.72	V	peak
6972.000	31.61	7.65	39.26	74.00	-34.74	H	Peak
7788.000	31.38	9.24	40.62	74.00	-33.38	H	Peak
10644.000	30.73	13.98	44.71	74.00	-29.29	H	Peak
11064.000	29.67	15.05	44.72	74.00	-29.28	H	peak
11352.000	30.25	14.93	45.18	74.00	-28.82	H	peak
12960.000	29.57	17.82	47.39	74.00	-26.61	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6924.000	31.60	7.58	39.18	74.00	-34.82	V	peak
7728.000	31.30	9.12	40.42	74.00	-33.58	V	peak
8352.000	31.57	9.46	41.03	74.00	-32.97	V	peak
11004.000	32.07	15.08	47.15	74.00	-26.85	V	peak
12348.000	29.95	15.79	45.74	74.00	-28.26	V	peak
14760.000	28.69	21.02	49.71	74.00	-24.29	V	peak
7764.000	31.21	9.19	40.40	74.00	-33.60	H	Peak
10512.000	30.62	13.57	44.19	74.00	-29.81	H	Peak
11004.000	29.98	15.08	45.06	74.00	-28.94	H	Peak
11340.000	30.04	14.93	44.97	74.00	-29.03	H	peak
14088.000	28.30	20.63	48.93	74.00	-25.07	H	peak
14784.000	28.92	21.03	49.95	74.00	-24.05	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7212.000	31.14	8.11	39.25	74.00	-34.75	V	peak
8364.000	31.44	9.45	40.89	74.00	-33.11	V	peak
11160.000	33.99	15.01	49.00	74.00	-25.00	V	peak
11844.000	30.41	14.71	45.12	74.00	-28.88	V	peak
14244.000	28.21	20.72	48.93	74.00	-25.07	V	peak
14916.000	28.50	21.11	49.61	74.00	-24.39	V	peak
7740.000	31.53	9.14	40.67	74.00	-33.33	H	Peak
10284.000	30.19	12.86	43.05	74.00	-30.95	H	Peak
11160.000	31.86	15.01	46.87	74.00	-27.13	H	Peak
12792.000	29.10	17.26	46.36	74.00	-27.64	H	peak
14052.000	28.39	20.61	49.00	74.00	-25.00	H	peak
14544.000	28.17	20.90	49.07	74.00	-24.93	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.29	9.17	40.46	74.00	-33.54	V	peak
8376.000	31.62	9.44	41.06	74.00	-32.94	V	peak
10500.000	30.58	13.53	44.11	74.00	-29.89	V	peak
11400.000	37.01	14.90	51.91	74.00	-22.09	V	peak
11844.000	30.52	14.71	45.23	74.00	-28.77	V	peak
14052.000	28.43	20.61	49.04	74.00	-24.96	V	peak
7680.000	31.48	9.03	40.51	74.00	-33.49	H	Peak
10620.000	30.16	13.90	44.06	74.00	-29.94	H	Peak
11400.000	34.15	14.90	49.05	74.00	-24.95	H	Peak
13008.000	29.24	17.97	47.21	74.00	-26.79	H	peak
13752.000	27.49	19.93	47.42	74.00	-26.58	H	peak
14352.000	28.55	20.78	49.33	74.00	-24.67	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7776.000	31.17	9.21	40.38	74.00	-33.62	V	peak
8364.000	31.77	9.45	41.22	74.00	-32.78	V	peak
10296.000	30.51	12.90	43.41	74.00	-30.59	V	peak
11484.000	35.29	14.87	50.16	74.00	-23.84	V	peak
12492.000	29.44	16.27	45.71	74.00	-28.29	V	peak
14016.000	28.04	20.59	48.63	74.00	-25.37	V	peak
6948.000	32.14	7.62	39.76	74.00	-34.24	H	Peak
7740.000	31.86	9.14	41.00	74.00	-33.00	H	Peak
8004.000	31.05	9.65	40.70	74.00	-33.30	H	Peak
10500.000	30.78	13.53	44.31	74.00	-29.69	H	peak
11484.000	33.47	14.87	48.34	74.00	-25.66	H	peak
14244.000	28.80	20.72	49.52	74.00	-24.48	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	31.21	9.12	40.33	74.00	-33.67	V	peak
8328.000	31.54	9.47	41.01	74.00	-32.99	V	peak
10944.000	29.74	14.91	44.65	74.00	-29.35	V	peak
11568.000	36.07	14.83	50.90	74.00	-23.10	V	peak
12888.000	29.49	17.58	47.07	74.00	-26.93	V	peak
14100.000	28.08	20.64	48.72	74.00	-25.28	V	peak
7788.000	31.36	9.24	40.60	74.00	-33.40	H	Peak
8412.000	31.59	9.42	41.01	74.00	-32.99	H	Peak
9960.000	31.28	11.86	43.14	74.00	-30.86	H	Peak
10944.000	29.92	14.91	44.83	74.00	-29.17	H	peak
11568.000	30.42	14.83	45.25	74.00	-28.75	H	peak
11856.000	30.21	14.70	44.91	74.00	-29.09	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).*

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.65	7.62	39.27	74.00	-34.73	V	peak
7740.000	31.33	9.14	40.47	74.00	-33.53	V	peak
10620.000	30.24	13.90	44.14	74.00	-29.86	V	peak
11088.000	29.97	15.04	45.01	74.00	-28.99	V	peak
11652.000	35.48	14.79	50.27	74.00	-23.73	V	peak
14352.000	28.54	20.78	49.32	74.00	-24.68	V	peak
7776.000	31.40	9.21	40.61	74.00	-33.39	H	Peak
10056.000	30.75	12.15	42.90	74.00	-31.10	H	Peak
11076.000	29.77	15.05	44.82	74.00	-29.18	H	Peak
11652.000	31.89	14.79	46.68	74.00	-27.32	H	peak
13548.000	27.90	19.39	47.29	74.00	-26.71	H	peak
14952.000	28.66	21.13	49.79	74.00	-24.21	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).*

Combine with Antenna 0 and Antenna 1

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	30.74	9.17	39.91	74.00	-34.09	V	peak
10356.000	33.01	13.08	46.09	74.00	-27.91	V	peak
11316.000	29.45	14.94	44.39	74.00	-29.61	V	peak
11844.000	30.10	14.71	44.81	74.00	-29.19	V	peak
12492.000	29.55	16.27	45.82	74.00	-28.18	V	peak
14232.000	28.02	20.71	48.73	74.00	-25.27	V	peak
8328.000	30.93	9.47	40.40	74.00	-33.60	H	Peak
10356.000	30.37	13.08	43.45	74.00	-30.55	H	Peak
11316.000	29.54	14.94	44.48	74.00	-29.52	H	Peak
13008.000	28.70	17.97	46.67	74.00	-27.33	H	peak
14352.000	28.20	20.78	48.98	74.00	-25.02	H	peak
15072.000	28.87	20.83	49.70	74.00	-24.30	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	31.24	9.12	40.36	74.00	-33.64	V	peak
8364.000	31.24	9.45	40.69	74.00	-33.31	V	peak
10392.000	35.21	13.20	48.41	74.00	-25.59	V	peak
11844.000	30.32	14.71	45.03	74.00	-28.97	V	peak
12984.000	29.27	17.90	47.17	74.00	-26.83	V	peak
14928.000	28.50	21.12	49.62	74.00	-24.38	V	peak
7752.000	30.98	9.17	40.15	74.00	-33.85	H	Peak
9612.000	30.15	10.86	41.01	74.00	-32.99	H	Peak
10404.000	32.30	13.23	45.53	74.00	-28.47	H	Peak
11844.000	29.94	14.71	44.65	74.00	-29.35	H	peak
13104.000	28.24	18.22	46.46	74.00	-27.54	H	peak
14736.000	28.04	21.01	49.05	74.00	-24.95	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	30.59	9.19	39.78	74.00	-34.22	V	peak
8328.000	30.83	9.47	40.30	74.00	-33.70	V	peak
10476.000	35.76	13.46	49.22	74.00	-24.78	V	peak
12144.000	29.52	15.12	44.64	74.00	-29.36	V	peak
12936.000	29.15	17.74	46.89	74.00	-27.11	V	peak
14544.000	27.99	20.90	48.89	74.00	-25.11	V	peak
6948.000	31.23	7.62	38.85	74.00	-35.15	H	Peak
7788.000	30.59	9.24	39.83	74.00	-34.17	H	Peak
8412.000	31.45	9.42	40.87	74.00	-33.13	H	Peak
10476.000	33.01	13.46	46.47	74.00	-27.53	H	peak
12804.000	29.12	17.30	46.42	74.00	-27.58	H	peak
14232.000	27.81	20.71	48.52	74.00	-25.48	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.000	30.76	9.45	40.21	74.00	-33.79	V	peak
10284.000	30.29	12.86	43.15	74.00	-30.85	V	peak
10524.000	34.92	13.60	48.52	74.00	-25.48	V	peak
10992.000	29.36	15.06	44.42	74.00	-29.58	V	peak
12756.000	28.66	17.14	45.80	74.00	-28.20	V	peak
14316.000	28.13	20.76	48.89	74.00	-25.11	V	peak
7764.000	30.61	9.19	39.80	74.00	-34.20	H	Peak
10524.000	30.66	13.60	44.26	74.00	-29.74	H	Peak
11856.000	30.02	14.70	44.72	74.00	-29.28	H	Peak
12912.000	28.77	17.66	46.43	74.00	-27.57	H	peak
14280.000	28.10	20.74	48.84	74.00	-25.16	H	peak
17244.000	28.69	23.34	52.03	74.00	-21.97	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8328.000	30.95	9.47	40.42	74.00	-33.58	V	peak
10596.000	35.14	13.83	48.97	74.00	-25.03	V	peak
11184.000	29.52	15.00	44.52	74.00	-29.48	V	peak
12924.000	28.99	17.70	46.69	74.00	-27.31	V	peak
14064.000	28.15	20.62	48.77	74.00	-25.23	V	peak
15900.000	31.07	17.06	48.13	74.00	-25.87	V	peak
7752.000	31.26	9.17	40.43	74.00	-33.57	H	Peak
10248.000	29.83	12.75	42.58	74.00	-31.42	H	Peak
10596.000	34.80	13.83	48.63	74.00	-25.37	H	Peak
12960.000	28.80	17.82	46.62	74.00	-27.38	H	peak
14280.000	28.13	20.74	48.87	74.00	-25.13	H	peak
15000.000	28.26	21.16	49.42	74.00	-24.58	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	30.79	9.17	39.96	74.00	-34.04	V	peak
8448.000	30.92	9.40	40.32	74.00	-33.68	V	peak
10644.000	34.94	13.98	48.92	74.00	-25.08	V	peak
14280.000	28.36	20.74	49.10	74.00	-24.90	V	peak
14988.000	28.27	21.15	49.42	74.00	-24.58	V	peak
15960.000	31.56	16.79	48.35	74.00	-25.65	V	peak
7764.000	31.11	9.19	40.30	74.00	-33.70	H	Peak
8340.000	30.87	9.46	40.33	74.00	-33.67	H	Peak
9960.000	30.60	11.86	42.46	74.00	-31.54	H	Peak
10644.000	34.59	13.98	48.57	74.00	-25.43	H	peak
12984.000	28.50	17.90	46.40	74.00	-27.60	H	peak
14880.000	28.30	21.09	49.39	74.00	-24.61	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7716.000	31.17	9.10	40.27	74.00	-33.73	V	peak
8352.000	31.35	9.46	40.81	74.00	-33.19	V	peak
10512.000	30.12	13.57	43.69	74.00	-30.31	V	peak
10992.000	34.83	15.06	49.89	74.00	-24.11	V	peak
12960.000	29.32	17.82	47.14	74.00	-26.86	V	peak
15120.000	29.11	20.61	49.72	74.00	-24.28	V	peak
7764.000	31.53	9.19	40.72	74.00	-33.28	H	Peak
8448.000	31.59	9.40	40.99	74.00	-33.01	H	Peak
10500.000	30.32	13.53	43.85	74.00	-30.15	H	Peak
11004.000	30.65	15.08	45.73	74.00	-28.27	H	peak
12936.000	29.18	17.74	46.92	74.00	-27.08	H	peak
14268.000	28.33	20.74	49.07	74.00	-24.93	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.34	9.19	40.53	74.00	-33.47	V	peak
8460.000	31.57	9.40	40.97	74.00	-33.03	V	peak
10512.000	30.08	13.57	43.65	74.00	-30.35	V	peak
11160.000	35.49	15.01	50.50	74.00	-23.50	V	peak
14316.000	28.36	20.76	49.12	74.00	-24.88	V	peak
15108.000	28.89	20.67	49.56	74.00	-24.44	V	peak
7728.000	31.28	9.12	40.40	74.00	-33.60	H	Peak
10032.000	31.00	12.08	43.08	74.00	-30.92	H	Peak
10500.000	30.20	13.53	43.73	74.00	-30.27	H	Peak
11160.000	33.58	15.01	48.59	74.00	-25.41	H	peak
13476.000	28.14	19.20	47.34	74.00	-26.66	H	peak
14244.000	28.37	20.72	49.09	74.00	-24.91	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6168.000	33.93	6.35	40.28	74.00	-33.72	V	peak
8364.000	31.27	9.45	40.72	74.00	-33.28	V	peak
10512.000	30.44	13.57	44.01	74.00	-29.99	V	peak
11400.000	36.80	14.90	51.70	74.00	-22.30	V	peak
14052.000	28.07	20.61	48.68	74.00	-25.32	V	peak
17100.000	28.93	23.37	52.30	74.00	-21.70	V	peak
8328.000	31.10	9.47	40.57	74.00	-33.43	H	Peak
10524.000	30.34	13.60	43.94	74.00	-30.06	H	Peak
11400.000	33.93	14.90	48.83	74.00	-25.17	H	Peak
12348.000	29.94	15.79	45.73	74.00	-28.27	H	peak
12984.000	29.16	17.90	47.06	74.00	-26.94	H	peak
14988.000	28.51	21.15	49.66	74.00	-24.34	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6216.000	33.47	6.43	39.90	74.00	-34.10	V	peak
7728.000	31.65	9.12	40.77	74.00	-33.23	V	peak
10524.000	30.41	13.60	44.01	74.00	-29.99	V	peak
11316.000	30.34	14.94	45.28	74.00	-28.72	V	peak
11484.000	42.32	14.87	57.19	74.00	-16.81	V	peak
11484.000	38.10	14.87	52.97	54.00	-1.03	V	AVG
14016.000	28.11	20.59	48.70	74.00	-25.30	V	peak
6924.000	31.74	7.58	39.32	74.00	-34.68	H	Peak
7788.000	31.41	9.24	40.65	74.00	-33.35	H	Peak
8376.000	31.48	9.44	40.92	74.00	-33.08	H	Peak
11064.000	29.81	15.05	44.86	74.00	-29.14	H	peak
11484.000	40.13	14.87	55.00	74.00	-19.00	H	peak
11484.000	37.30	14.87	52.17	54.00	-1.83	H	AVG
12960.000	29.33	17.82	47.15	74.00	-26.85	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).*

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	31.43	9.14	40.57	74.00	-33.43	V	peak
10284.000	30.85	12.86	43.71	74.00	-30.29	V	peak
11052.000	29.75	15.06	44.81	74.00	-29.19	V	peak
11568.000	43.38	14.83	58.21	74.00	-15.79	V	peak
11568.000	38.26	14.83	53.09	54.00	-0.91	V	AVG
12960.000	29.01	17.82	46.83	74.00	-27.17	V	peak
14844.000	28.83	21.07	49.90	74.00	-24.10	V	peak
7752.000	31.25	9.17	40.42	74.00	-33.58	H	Peak
8364.000	31.22	9.45	40.67	74.00	-33.33	H	Peak
10272.000	30.60	12.82	43.42	74.00	-30.58	H	Peak
10524.000	30.34	13.60	43.94	74.00	-30.06	H	peak
11052.000	29.58	15.06	44.64	74.00	-29.36	H	peak
11568.000	36.64	14.83	51.47	74.00	-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).*

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6312.000	32.92	6.59	39.51	74.00	-34.49	V	peak
10056.000	30.87	12.15	43.02	74.00	-30.98	V	peak
10500.000	30.32	13.53	43.85	74.00	-30.15	V	peak
11328.000	29.88	14.94	44.82	74.00	-29.18	V	peak
11652.000	37.29	14.79	52.08	74.00	-21.92	V	peak
12960.000	29.14	17.82	46.96	74.00	-27.04	V	peak
6960.000	32.20	7.64	39.84	74.00	-34.16	H	Peak
7764.000	31.65	9.19	40.84	74.00	-33.16	H	Peak
8352.000	31.83	9.46	41.29	74.00	-32.71	H	Peak
10500.000	30.89	13.53	44.42	74.00	-29.58	H	peak
11652.000	34.49	14.79	49.28	74.00	-24.72	H	peak
13548.000	28.48	19.39	47.87	74.00	-26.13	H	peak

Remark:

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

Combine with Antenna 0 and Antenna 1

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	30.70	9.19	39.89	74.00	-34.11	V	peak
8352.000	30.82	9.46	40.28	74.00	-33.72	V	peak
10368.000	32.62	13.12	45.74	74.00	-28.26	V	peak
11316.000	29.52	14.94	44.46	74.00	-29.54	V	peak
11856.000	29.96	14.70	44.66	74.00	-29.34	V	peak
14700.000	28.46	20.99	49.45	74.00	-24.55	V	peak
6948.000	31.07	7.62	38.69	74.00	-35.31	H	Peak
8376.000	30.81	9.44	40.25	74.00	-33.75	H	Peak
10500.000	29.87	13.53	43.40	74.00	-30.60	H	Peak
11088.000	29.46	15.04	44.50	74.00	-29.50	H	peak
13008.000	28.64	17.97	46.61	74.00	-27.39	H	peak
14352.000	28.00	20.78	48.78	74.00	-25.22	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.18	9.17	40.35	74.00	-33.65	V	peak
8448.000	31.23	9.40	40.63	74.00	-33.37	V	peak
10440.000	32.88	13.34	46.22	74.00	-27.78	V	peak
11844.000	29.86	14.71	44.57	74.00	-29.43	V	peak
12912.000	29.28	17.66	46.94	74.00	-27.06	V	peak
14424.000	28.14	20.83	48.97	74.00	-25.03	V	peak
7680.000	30.81	9.03	39.84	74.00	-34.16	H	Peak
10440.000	30.32	13.34	43.66	74.00	-30.34	H	Peak
11040.000	29.68	15.06	44.74	74.00	-29.26	H	Peak
11580.000	30.07	14.82	44.89	74.00	-29.11	H	peak
12492.000	29.19	16.27	45.46	74.00	-28.54	H	peak
15108.000	29.21	20.67	49.88	74.00	-24.12	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	30.99	9.12	40.11	74.00	-33.89	V	peak
10512.000	33.07	13.57	46.64	74.00	-27.36	V	peak
11844.000	30.11	14.71	44.82	74.00	-29.18	V	peak
12228.000	29.60	15.39	44.99	74.00	-29.01	V	peak
14280.000	28.33	20.74	49.07	74.00	-24.93	V	peak
15072.000	28.81	20.83	49.64	74.00	-24.36	V	peak
6924.000	31.21	7.58	38.79	74.00	-35.21	H	Peak
7740.000	31.00	9.14	40.14	74.00	-33.86	H	Peak
10524.000	31.57	13.60	45.17	74.00	-28.83	H	Peak
11088.000	29.37	15.04	44.41	74.00	-29.59	H	peak
12960.000	28.95	17.82	46.77	74.00	-27.23	H	peak
14316.000	28.13	20.76	48.89	74.00	-25.11	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.52	7.62	39.14	74.00	-34.86	V	peak
7740.000	30.88	9.14	40.02	74.00	-33.98	V	peak
10272.000	30.42	12.82	43.24	74.00	-30.76	V	peak
10608.000	33.49	13.86	47.35	74.00	-26.65	V	peak
12960.000	29.03	17.82	46.85	74.00	-27.15	V	peak
14784.000	28.19	21.03	49.22	74.00	-24.78	V	peak
6924.000	31.08	7.58	38.66	74.00	-35.34	H	Peak
8412.000	31.00	9.42	40.42	74.00	-33.58	H	Peak
10596.000	30.98	13.83	44.81	74.00	-29.19	H	Peak
12984.000	28.41	17.90	46.31	74.00	-27.69	H	peak
14052.000	27.68	20.61	48.29	74.00	-25.71	H	peak
15000.000	28.45	21.16	49.61	74.00	-24.39	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	30.80	9.12	39.92	74.00	-34.08	V	peak
8376.000	30.97	9.44	40.41	74.00	-33.59	V	peak
10296.000	30.03	12.90	42.93	74.00	-31.07	V	peak
11016.000	33.44	15.07	48.51	74.00	-25.49	V	peak
11316.000	29.98	14.94	44.92	74.00	-29.08	V	peak
12912.000	29.11	17.66	46.77	74.00	-27.23	V	peak
6948.000	31.62	7.62	39.24	74.00	-34.76	H	Peak
7752.000	31.05	9.17	40.22	74.00	-33.78	H	Peak
10512.000	29.88	13.57	43.45	74.00	-30.55	H	Peak
11040.000	29.94	15.06	45.00	74.00	-29.00	H	peak
13008.000	28.68	17.97	46.65	74.00	-27.35	H	peak
14964.000	28.28	21.14	49.42	74.00	-24.58	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7776.000	30.80	9.21	40.01	74.00	-33.99	V	peak
8364.000	31.23	9.45	40.68	74.00	-33.32	V	peak
10776.000	29.75	14.39	44.14	74.00	-29.86	V	peak
11184.000	34.17	15.00	49.17	74.00	-24.83	V	peak
14244.000	28.10	20.72	48.82	74.00	-25.18	V	peak
15132.000	28.87	20.56	49.43	74.00	-24.57	V	peak
7764.000	31.06	9.19	40.25	74.00	-33.75	H	Peak
8364.000	31.56	9.45	41.01	74.00	-32.99	H	Peak
11184.000	31.66	15.00	46.66	74.00	-27.34	H	Peak
12924.000	29.11	17.70	46.81	74.00	-27.19	H	peak
14268.000	28.39	20.74	49.13	74.00	-24.87	H	peak
15108.000	28.88	20.67	49.55	74.00	-24.45	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6132.000	41.09	6.29	47.38	74.00	-26.62	V	peak
7752.000	31.16	9.17	40.33	74.00	-33.67	V	peak
10524.000	30.75	13.60	44.35	74.00	-29.65	V	peak
11340.000	40.13	14.93	55.06	74.00	-18.94	V	peak
11340.000	38.23	14.93	53.16	54.00	-0.84	V	AVG
13140.000	29.27	18.32	47.59	74.00	-26.41	V	peak
17004.000	28.30	23.39	51.69	74.00	-22.31	V	peak
6132.000	34.08	6.29	40.37	74.00	-33.63	H	Peak
10500.000	31.72	13.53	45.25	74.00	-28.75	H	Peak
11340.000	39.38	14.93	54.31	74.00	-19.69	H	Peak
11340.000	38.15	14.93	53.08	54.00	-0.92	H	AVG
13140.000	29.60	18.32	47.92	74.00	-26.08	H	peak
14088.000	28.97	20.63	49.60	74.00	-24.40	H	peak
15108.000	29.57	20.67	50.24	74.00	-23.76	H	Peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6240.000	37.07	6.47	43.54	74.00	-30.46	V	peak
7752.000	31.63	9.17	40.80	74.00	-33.20	V	peak
11484.000	36.73	14.87	51.60	74.00	-22.40	V	peak
13044.000	28.76	18.07	46.83	74.00	-27.17	V	peak
14388.000	28.56	20.81	49.37	74.00	-24.63	V	peak
15000.000	28.86	21.16	50.02	74.00	-23.98	V	peak
6240.000	35.82	6.47	42.29	74.00	-31.71	H	Peak
7680.000	35.30	9.03	44.33	74.00	-29.67	H	Peak
8196.000	32.24	9.54	41.78	74.00	-32.22	H	Peak
10644.000	30.70	13.98	44.68	74.00	-29.32	H	peak
11484.000	31.61	14.87	46.48	74.00	-27.52	H	peak
13128.000	28.70	18.29	46.99	74.00	-27.01	H	peak

Remark:

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

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

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6252.000	40.95	6.49	47.44	74.00	-26.56	V	peak
10524.000	30.43	13.60	44.03	74.00	-29.97	V	peak
10884.000	29.43	14.72	44.15	74.00	-29.85	V	peak
11568.000	40.50	14.83	55.33	74.00	-18.67	V	peak
11568.000	38.41	14.83	53.24	54.00	-0.76	V	AVG
12348.000	29.90	15.79	45.69	74.00	-28.31	V	peak
14904.000	28.48	21.10	49.58	74.00	-24.42	V	peak
6252.000	32.42	6.49	38.91	74.00	-35.09	H	Peak
6924.000	31.64	7.58	39.22	74.00	-34.78	H	Peak
7740.000	31.35	9.14	40.49	74.00	-33.51	H	Peak
10296.000	30.48	12.90	43.38	74.00	-30.62	H	peak
11580.000	34.89	14.82	49.71	74.00	-24.29	H	peak
14244.000	28.12	20.72	48.84	74.00	-25.16	H	peak

Remark:

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

Combine with Antenna 0 and Antenna 1

Test Mode: TX / IEEE 802.11ac 80 / 5210MHz **Tested by:** Darry Wu

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.62	7.62	39.24	74.00	-34.76	V	peak
7740.000	31.22	9.14	40.36	74.00	-33.64	V	peak
10356.000	35.15	13.08	48.23	74.00	-25.77	V	peak
12960.000	28.82	17.82	46.64	74.00	-27.36	V	peak
14052.000	27.96	20.61	48.57	74.00	-25.43	V	peak
15000.000	28.76	21.16	49.92	74.00	-24.08	V	peak
7680.000	31.38	9.03	40.41	74.00	-33.59	H	Peak
8412.000	31.21	9.42	40.63	74.00	-33.37	H	Peak
10272.000	30.38	12.82	43.20	74.00	-30.80	H	Peak
10968.000	29.46	14.98	44.44	74.00	-29.56	H	peak
12912.000	29.11	17.66	46.77	74.00	-27.23	H	peak
15000.000	28.65	21.16	49.81	74.00	-24.19	H	peak

Remark:

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

Test Mode: TX / IEEE 802.11ac 80 / 5290MHz **Tested by:** Darry Wu

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.68	9.19	40.87	74.00	-33.13	V	peak
8364.000	31.43	9.45	40.88	74.00	-33.12	V	peak
9360.000	30.64	10.14	40.78	74.00	-33.22	V	peak
10524.000	34.13	13.60	47.73	74.00	-26.27	V	peak
14232.000	28.01	20.71	48.72	74.00	-25.28	V	peak
15000.000	28.46	21.16	49.62	74.00	-24.38	V	peak
6972.000	31.34	7.65	38.99	74.00	-35.01	H	Peak
7788.000	31.00	9.24	40.24	74.00	-33.76	H	Peak
8352.000	31.21	9.46	40.67	74.00	-33.33	H	Peak
10524.000	31.22	13.60	44.82	74.00	-29.18	H	peak
12912.000	29.05	17.66	46.71	74.00	-27.29	H	peak
15000.000	28.43	21.16	49.59	74.00	-24.41	H	peak

Remark:

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

Test Mode: TX / IEEE 802.11ac 80 / 5530MHz **Tested by:** Darry Wu

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	31.37	9.12	40.49	74.00	-33.51	V	peak
8328.000	31.14	9.47	40.61	74.00	-33.39	V	peak
10068.000	30.90	12.19	43.09	74.00	-30.91	V	peak
11004.000	31.65	15.08	46.73	74.00	-27.27	V	peak
12960.000	29.21	17.82	47.03	74.00	-26.97	V	peak
15108.000	29.23	20.67	49.90	74.00	-24.10	V	peak
6948.000	31.50	7.62	39.12	74.00	-34.88	H	Peak
10272.000	30.46	12.82	43.28	74.00	-30.72	H	Peak
10500.000	30.08	13.53	43.61	74.00	-30.39	H	Peak
10980.000	29.98	15.02	45.00	74.00	-29.00	H	peak
13548.000	27.56	19.39	46.95	74.00	-27.05	H	peak
14832.000	27.97	21.06	49.03	74.00	-24.97	H	peak

Remark:

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

Test Mode: TX / IEEE 802.11ac 80 / 5775MHz **Tested by:** Darry Wu

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** June 14, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6192.000	37.50	6.39	43.89	74.00	-30.11	V	peak
7740.000	31.28	9.14	40.42	74.00	-33.58	V	peak
10524.000	30.23	13.60	43.83	74.00	-30.17	V	peak
11484.000	34.69	14.87	49.56	74.00	-24.44	V	peak
12984.000	29.11	17.90	47.01	74.00	-26.99	V	peak
14916.000	28.73	21.11	49.84	74.00	-24.16	V	peak
6252.000	36.62	6.49	43.11	74.00	-30.89	H	Peak
8352.000	31.64	9.46	41.10	74.00	-32.90	H	Peak
10296.000	30.36	12.90	43.26	74.00	-30.74	H	Peak
11496.000	33.46	14.86	48.32	74.00	-25.68	H	peak
14016.000	28.09	20.59	48.68	74.00	-25.32	H	peak
14988.000	28.58	21.15	49.73	74.00	-24.27	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).*