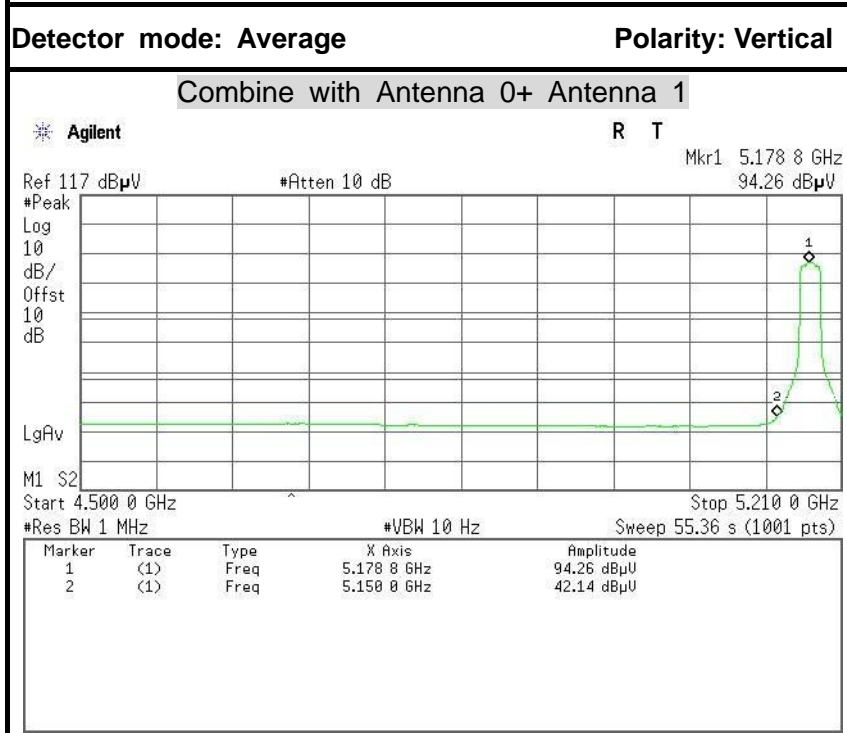
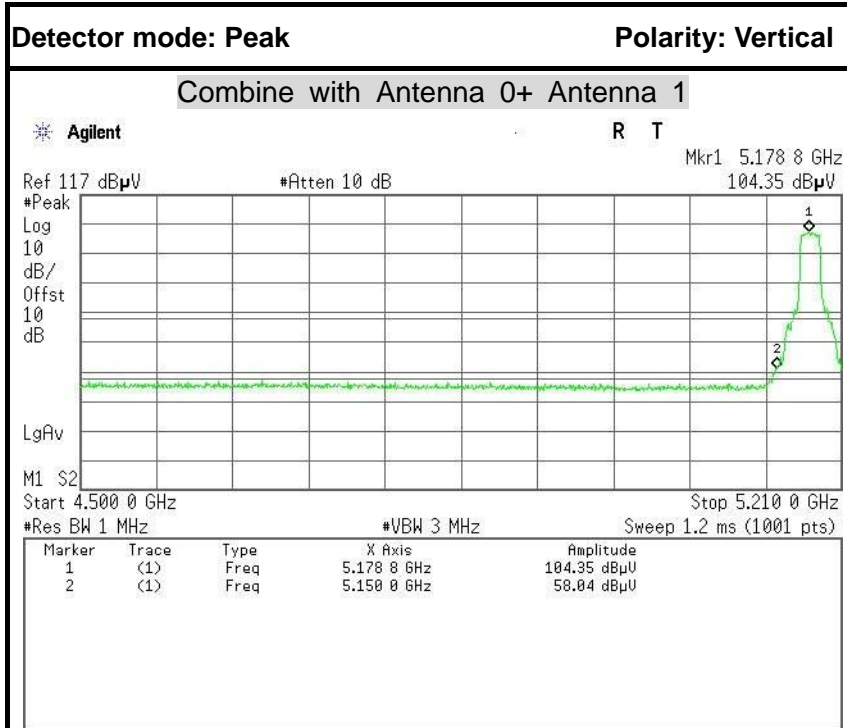


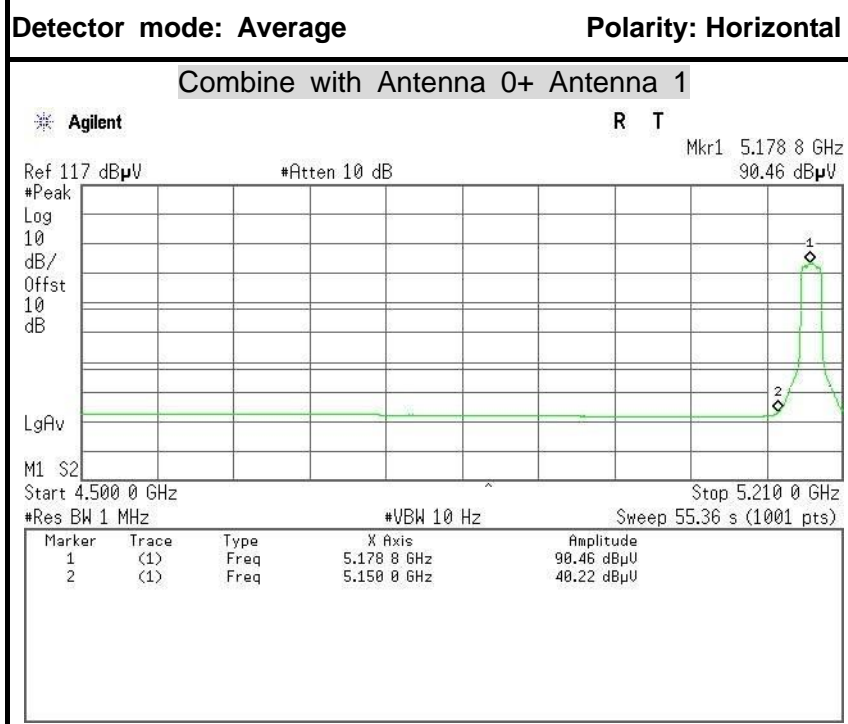
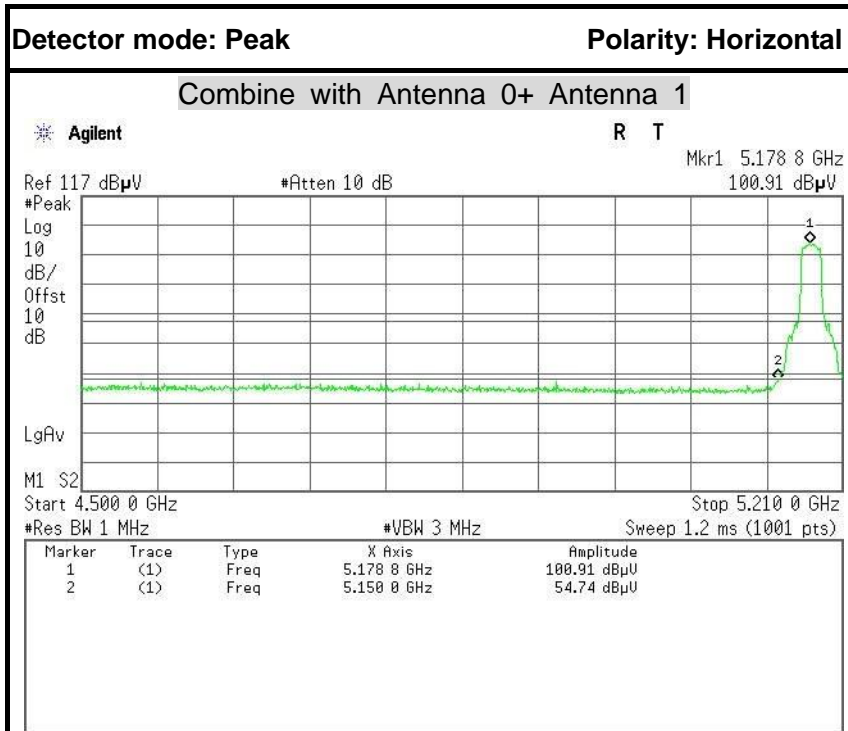
No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	64.30	5.60	58.70	74.00	-15.30	Peak	Horizontal
2	5150.0000	51.39	5.60	45.79	54.00	-8.21	Average	Horizontal



IEEE 802.11n HT 20 MHz mode / 5180 MHz



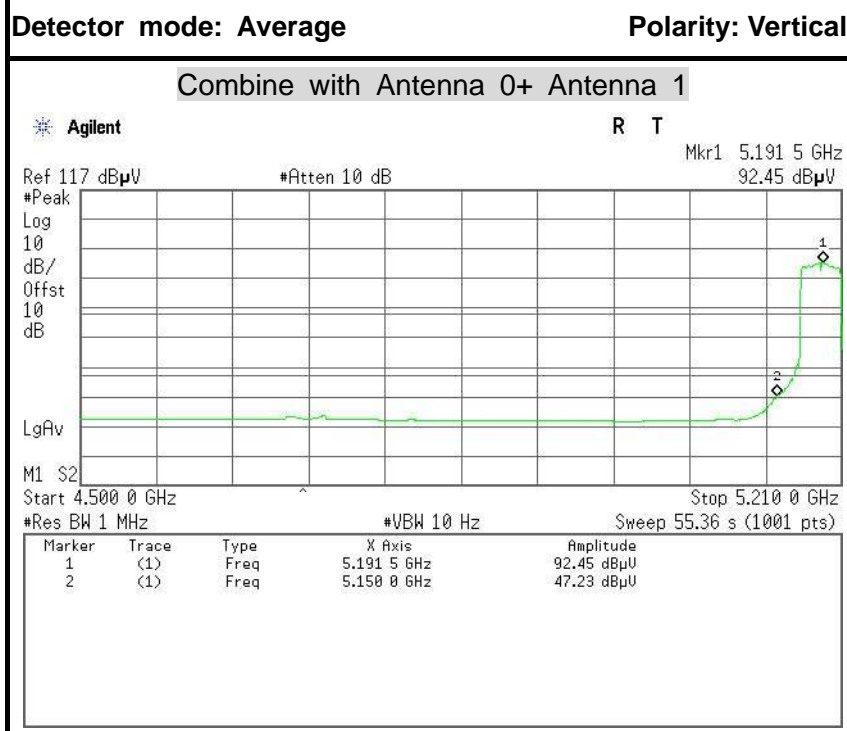
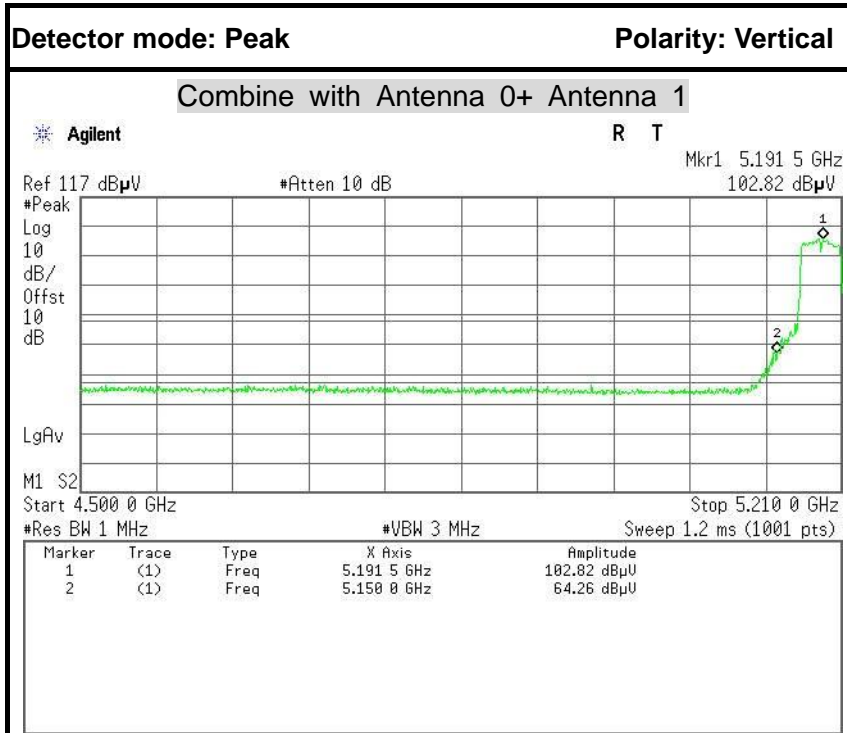
No.	Frequency (MHz)	Reading (dBµV)	Corrected (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	63.64	5.60	58.04	74.00	-15.96	Peak	Vertical
2	5150.0000	47.74	5.60	42.14	54.00	-11.86	Average	Vertical



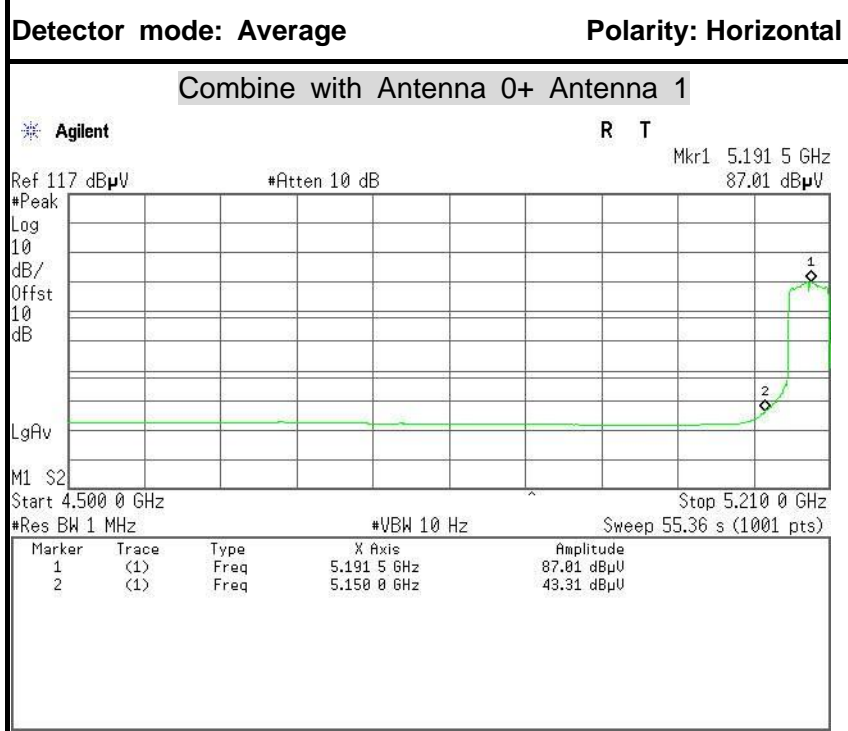
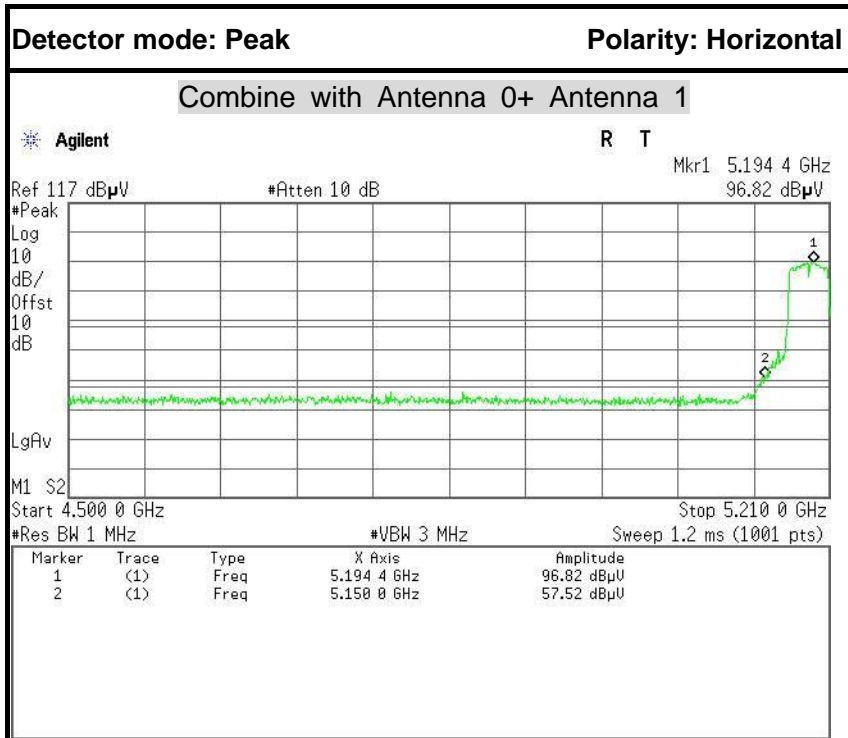
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	60.34	5.60	54.74	74.00	-19.26	Peak	Horizontal
2	5150.0000	45.82	5.60	40.22	54.00	-13.78	Average	Horizontal



IEEE 802.11n HT 40 MHz mode / 5190 MHz



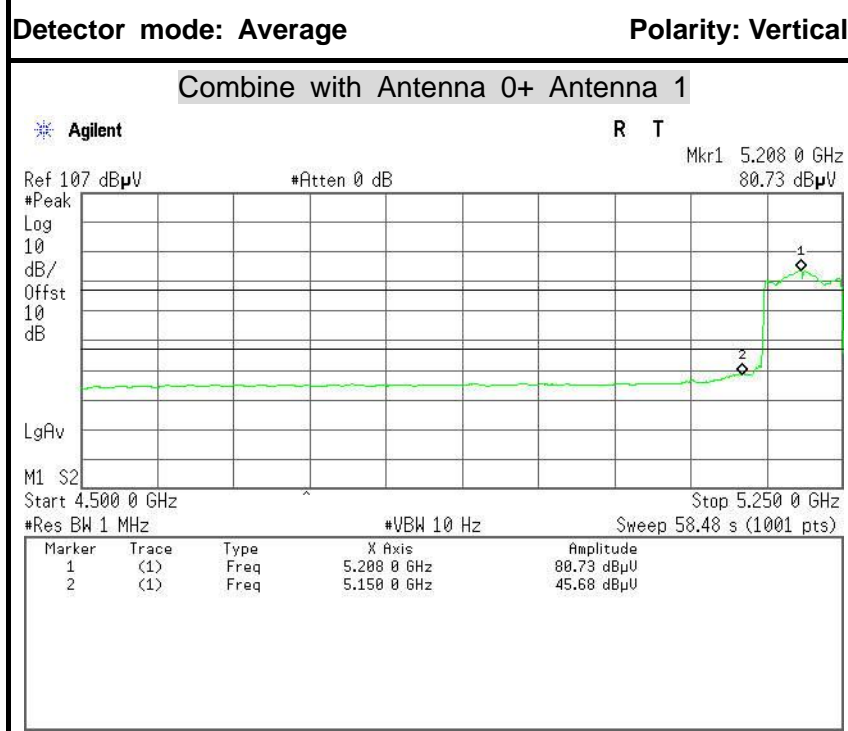
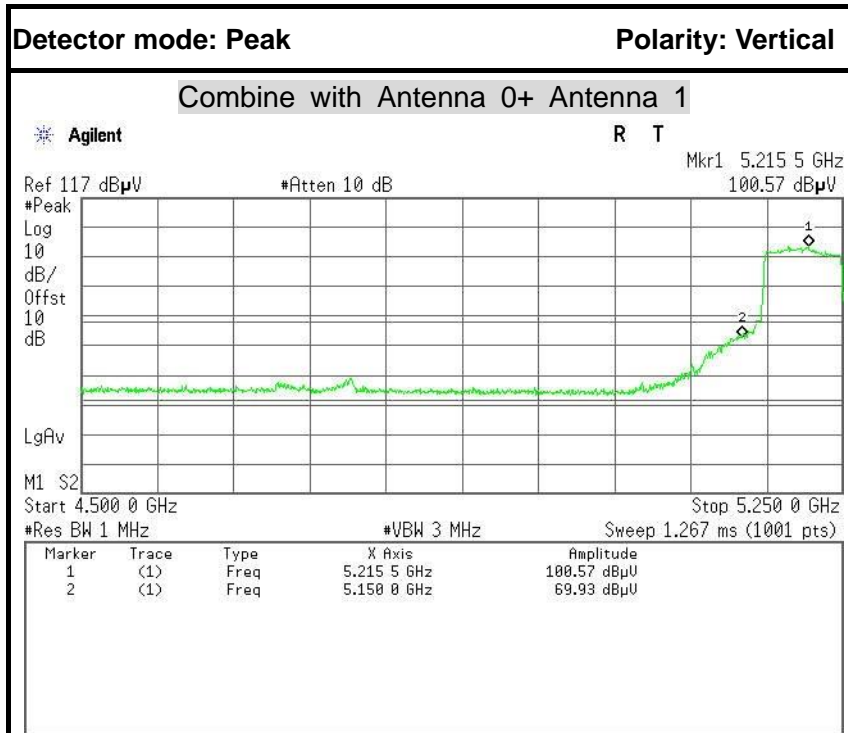
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	69.86	5.60	64.26	74.00	-9.74	Peak	Vertical
2	5150.0000	52.83	5.60	47.23	54.00	-6.77	Average	Vertical



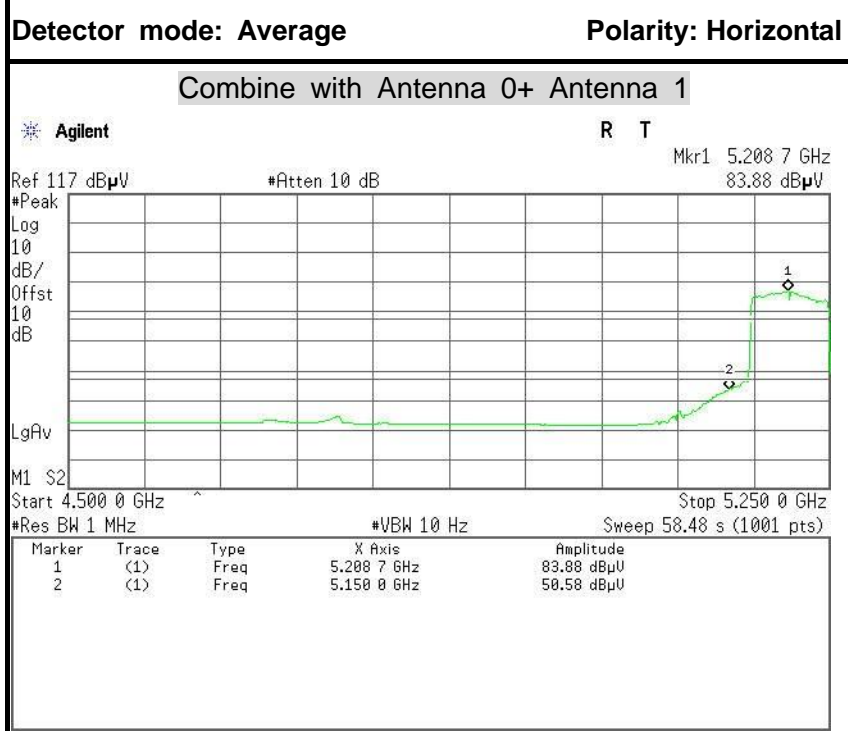
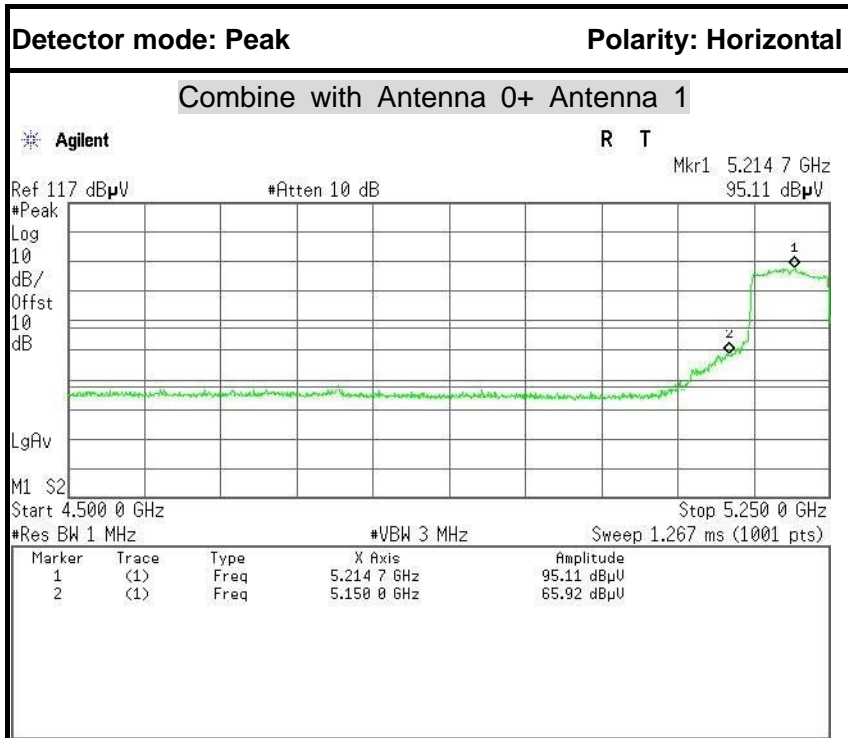
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	63.12	5.60	57.52	74.00	-16.48	Peak	Horizontal
2	5150.0000	48.91	5.60	43.31	54.00	-10.69	Average	Horizontal



IEEE 802.11ac 80 mode / 5210 MHz



No.	Frequency (MHz)	Reading (dBµV)	Corrected (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	75.53	5.60	69.93	74.00	-4.07	Peak	Vertical
2	5150.0000	51.28	5.60	45.68	54.00	-8.32	Average	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	71.52	5.60	65.92	74.00	-8.08	Peak	Horizontal
2	5150.0000	56.18	5.60	50.58	54.00	-3.42	Average	Horizontal



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 $11 \text{ dBm} + 10 \log B$, 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.

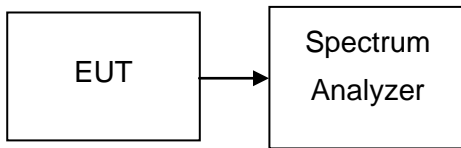
6.6.2 MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	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=1ms
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=1ms
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

Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz

Channel	Frequency (MHz)	PPSD (dBm)		Limit (dBm)	Margin		Result
		Antenna 0	Antenna 1		Antenna 0	Antenna 1	
Low	5180	5.816	5.961	17	-11.184	-11.039	PASS
Mid	5200	5.643	5.856		-11.357	-11.144	PASS
High	5240	5.445	5.746		-11.555	-11.254	PASS

Test mode: IEEE 802.11a mode / 5745 ~ 5825MHz

Channel	Frequency (MHz)	PPSD (dBm)		factor	Limit (dBm)	Margin		Result
		Antenna 0	Antenna 1			Antenna 0	Antenna 1	
Low	5745	7.341	6.896	-3.01	17	-12.669	-13.114	PASS
Mid	5785	7.016	6.064	-3.01		-12.994	-13.946	PASS
High	5825	6.587	4.974	-3.01		-13.423	-15.036	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)	Margin	Result
		Antenna 0	Antenna 1				
Low	5180	3.313	3.705	6.524	17.00	-10.476	PASS
Mid	5200	3.539	3.253	6.409		-10.591	PASS
High	5240	2.959	3.890	6.460		-10.540	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margin	Result
		Antenna 0	Antenna 1					
Low	5745	7.850	6.508	-3.01	7.231	17.00	-9.769	PASS
Mid	5785	9.325	5.649	-3.01	7.865		-9.135	PASS
High	5825	9.772	5.781	-3.01	8.220		-8.780	PASS

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



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

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margin	Result
		Antenna 0	Antenna 1				
Low	5190	4.440	2.501	6.588	17.00	-10.412	PASS
High	5230	3.546	1.972	5.840		-11.160	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margin	Result
		Antenna 0	Antenna 1					
Low	5755	2.417	3.312	-3.01	2.888	17.00	-14.112	PASS
High	5795	5.146	2.665	-3.01	4.081		-12.919	PASS

Remark: factor = $10 \cdot \log_{10}(500/RBW)$

Test mode: IEEE 802.11ac 80 mode / 5210MHz

Channel	Frequency (MHz)	PPSD (dBm)		Total (dBm)	Limit (dBm)	Margin	Result
		Antenna 0	Antenna 1				
	5210	-0.465	-0.279	2.639	17.00	-14.361	PASS

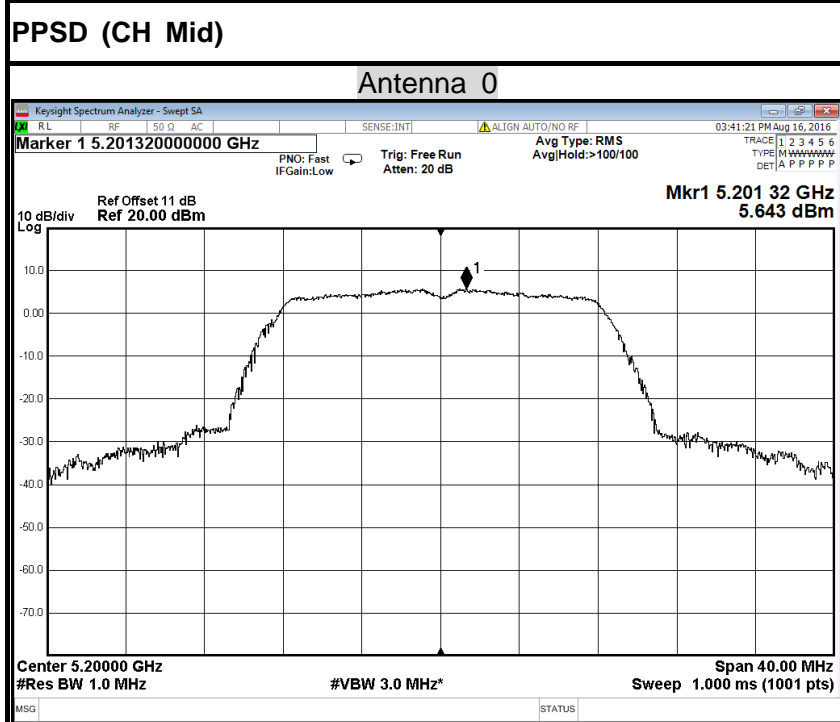
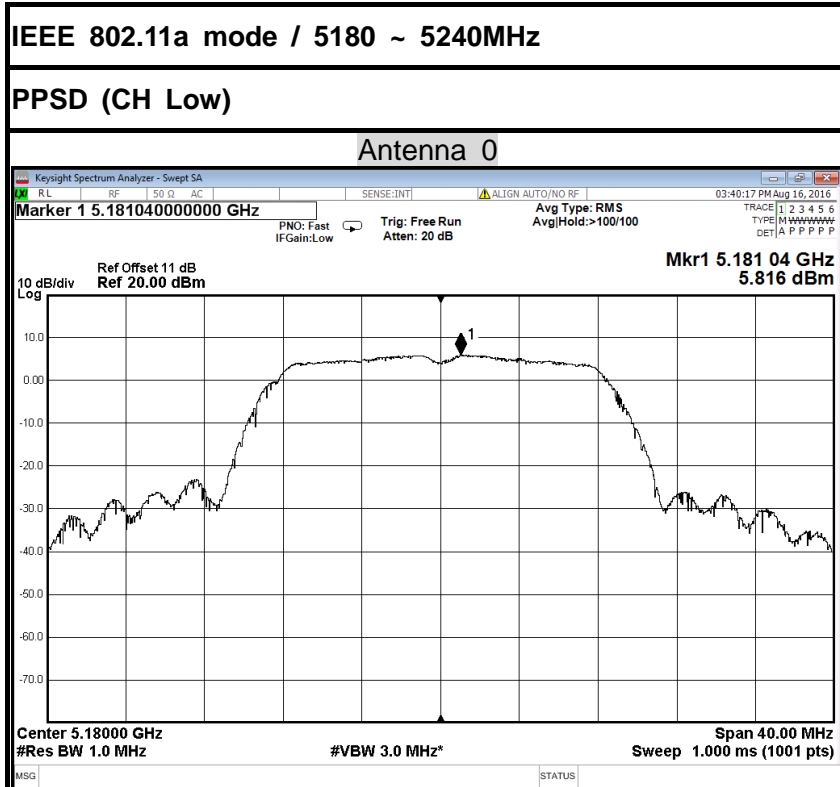
Test mode: IEEE 802.11ac 80 mode / 5775MHz

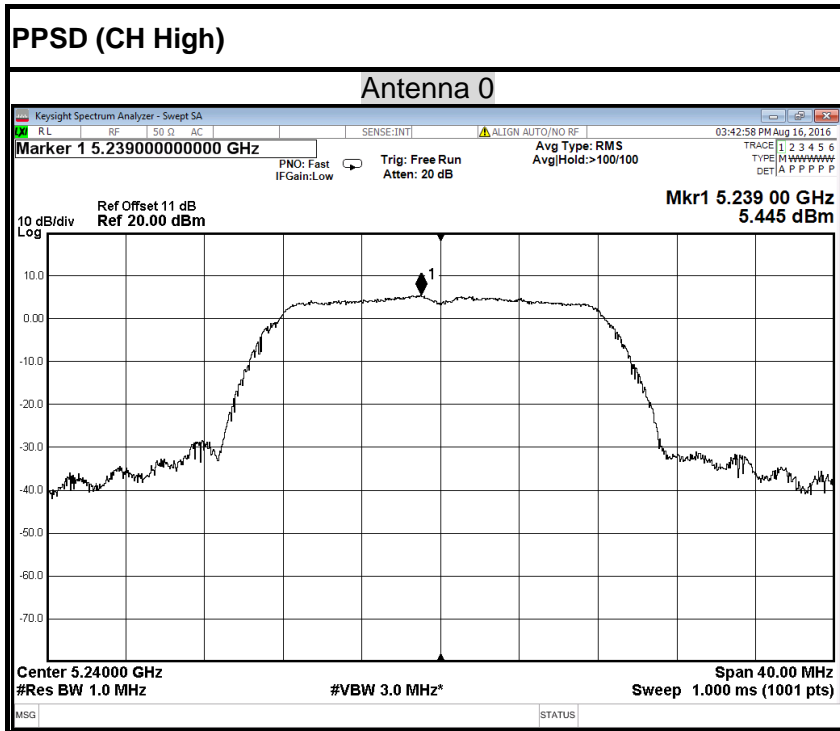
Channel	Frequency (MHz)	PPSD (dBm)		factor	Total (dBm)	Limit (dBm)	Margin	Result
		Antenna 0	Antenna 1					
	5775	1.206	-1.411	-3.01	0.092	17.00	-16.908	PASS

Remark: factor = $10 \cdot \log_{10}(500/RBW)$

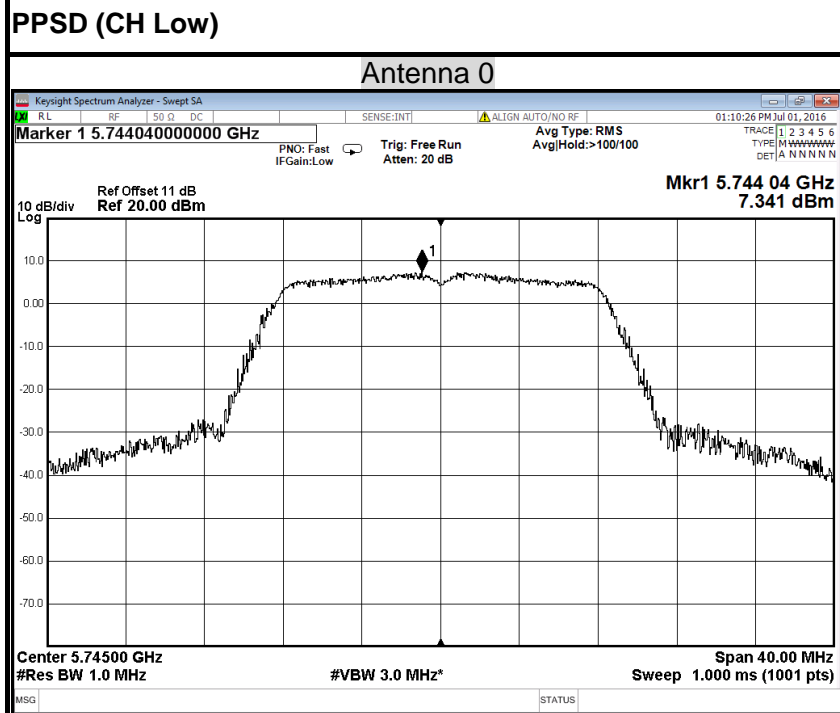


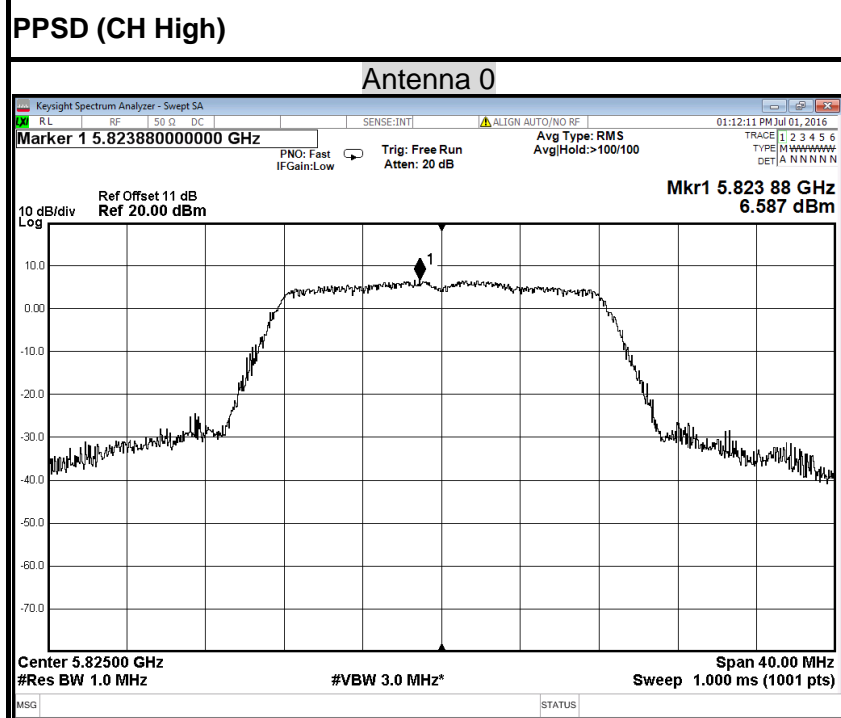
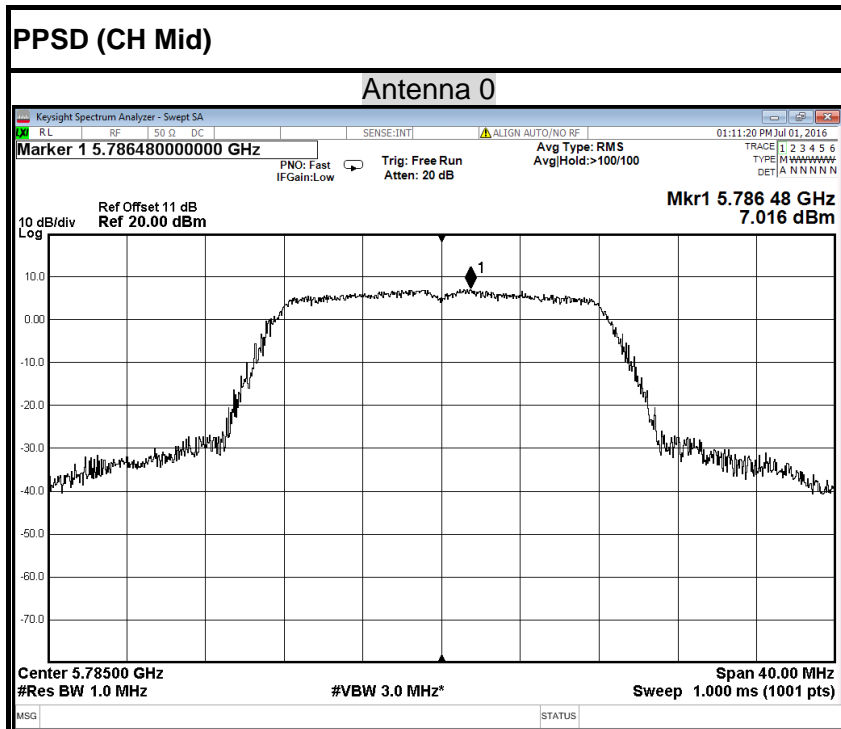
Test Plot

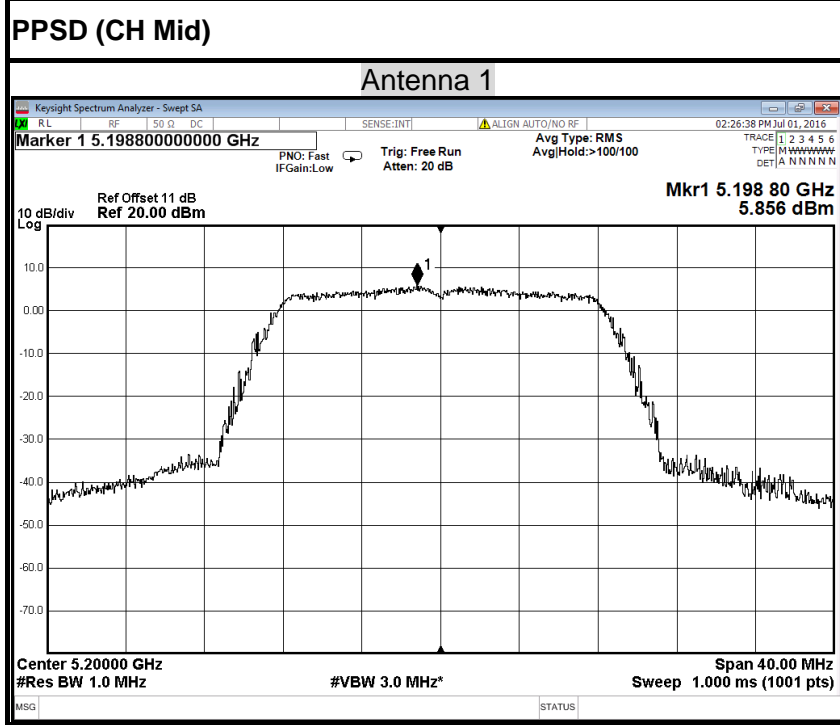
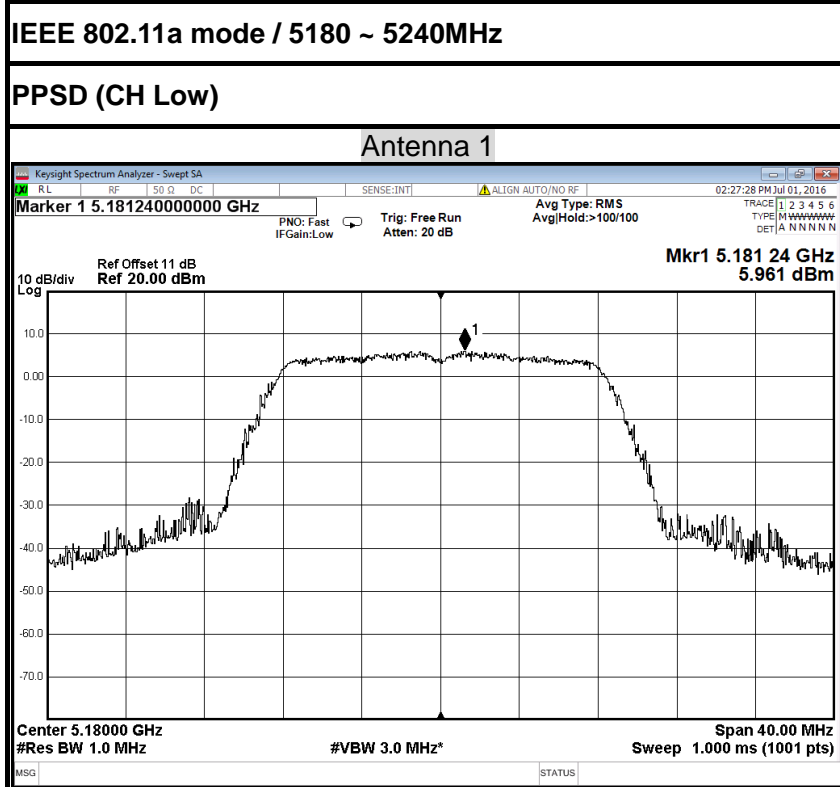


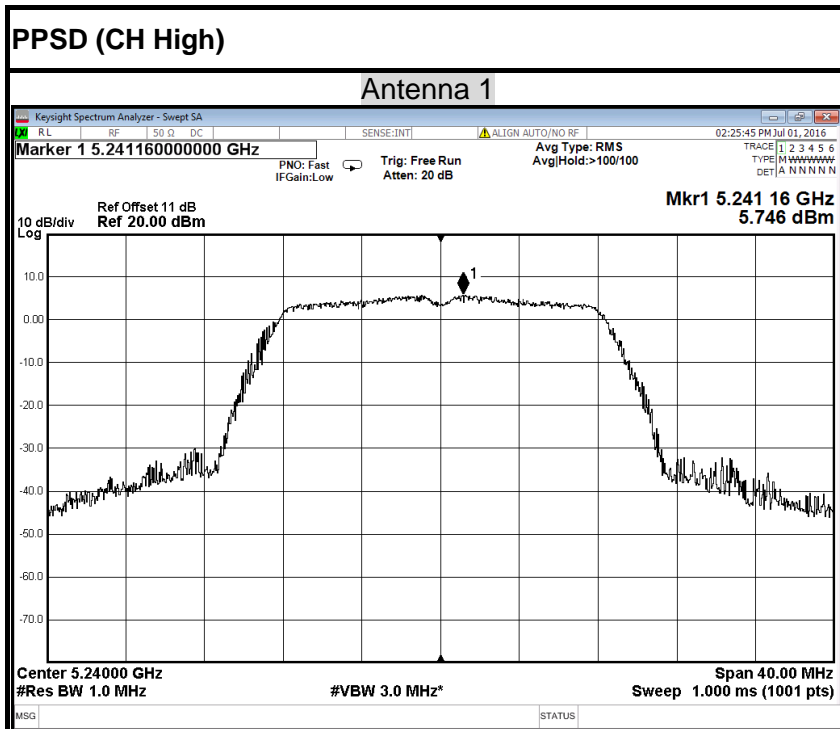


IEEE 802.11a mode / 5745 ~ 5825MHz

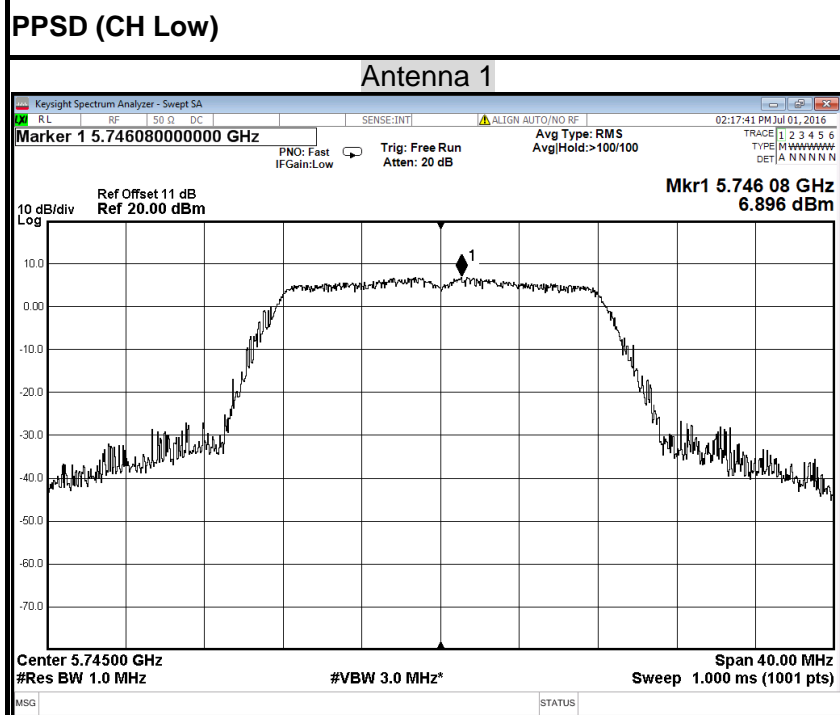


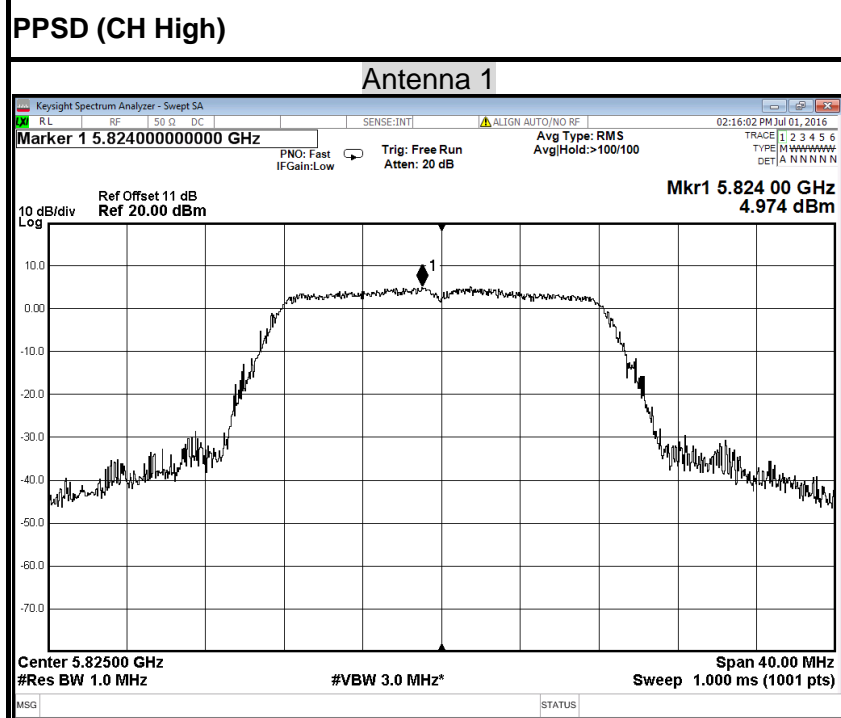
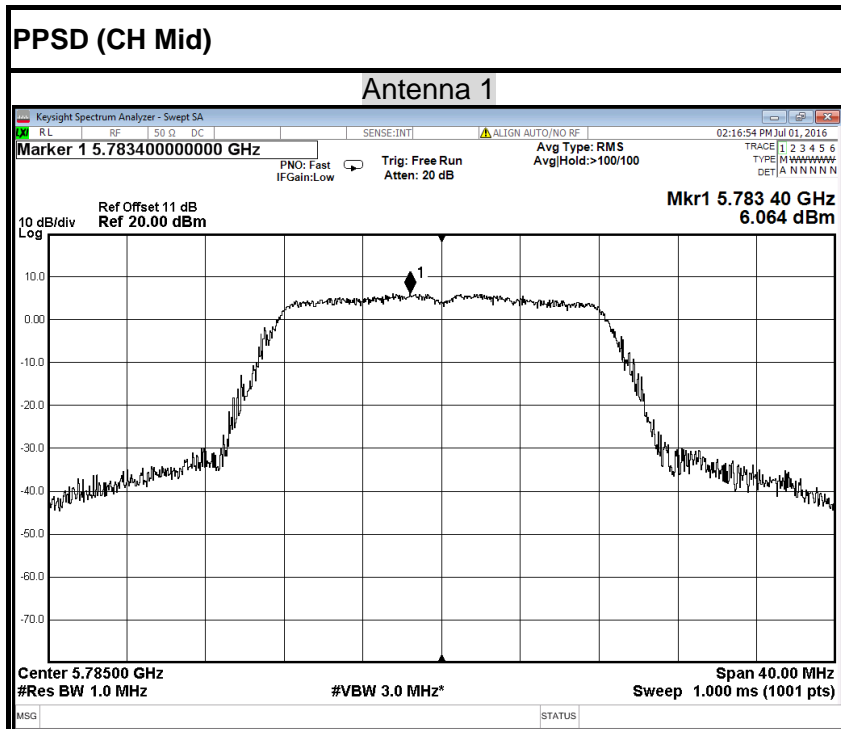






IEEE 802.11a mode / 5745 ~ 5825MHz



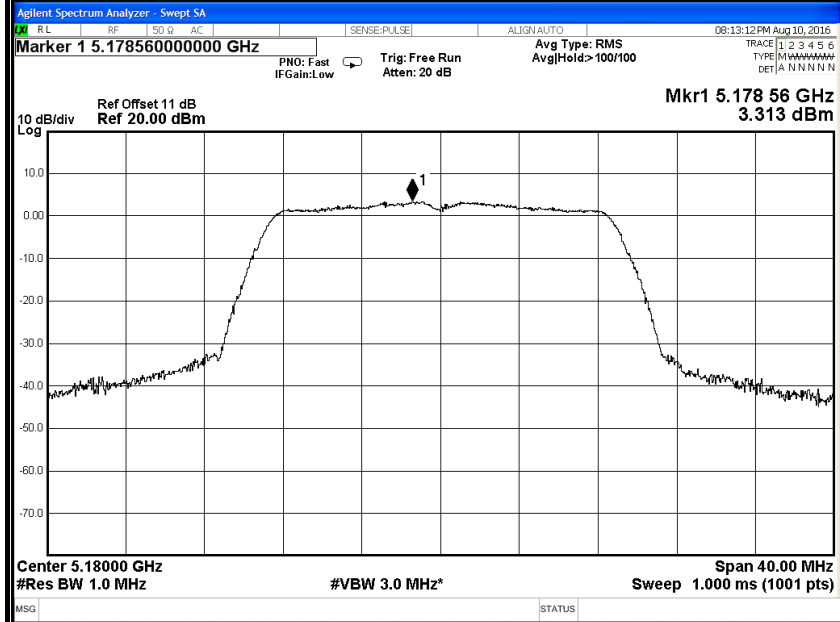




IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz

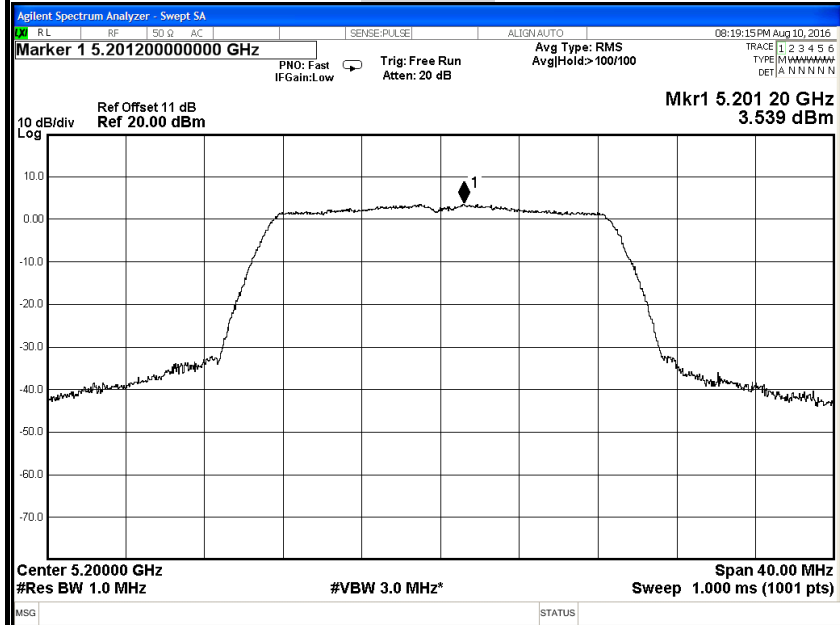
PPSD (CH Low)

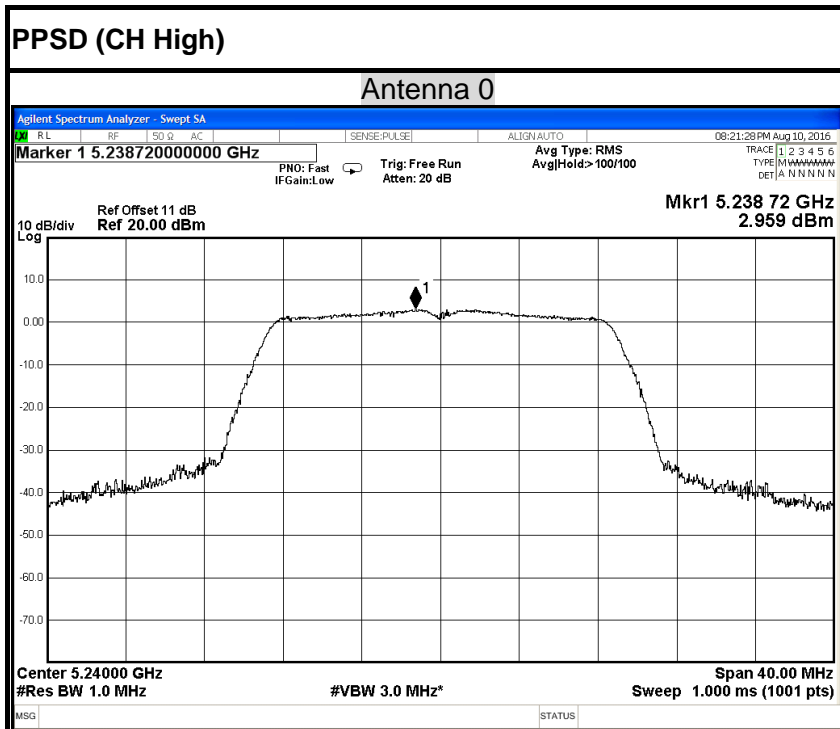
Antenna 0



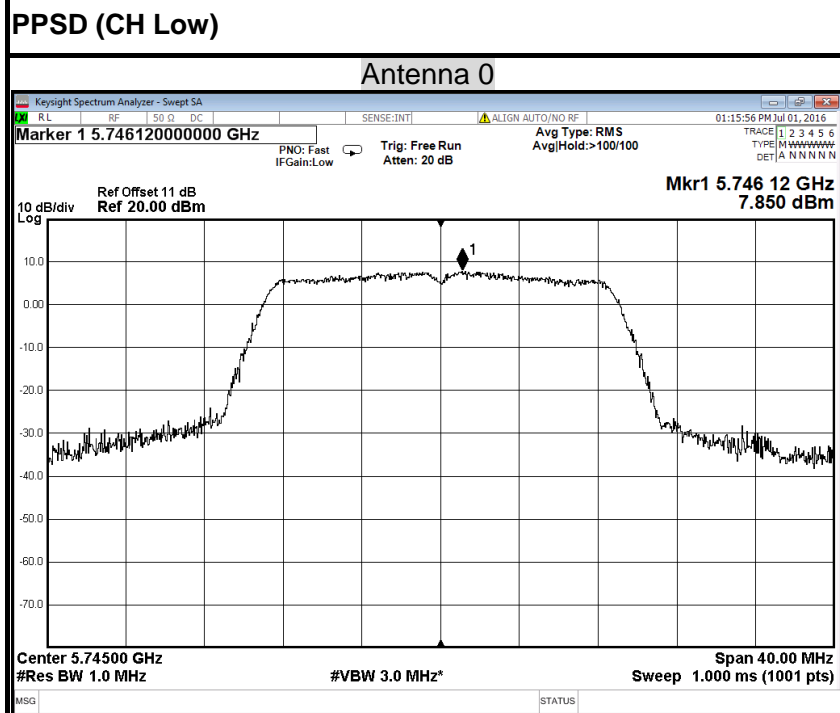
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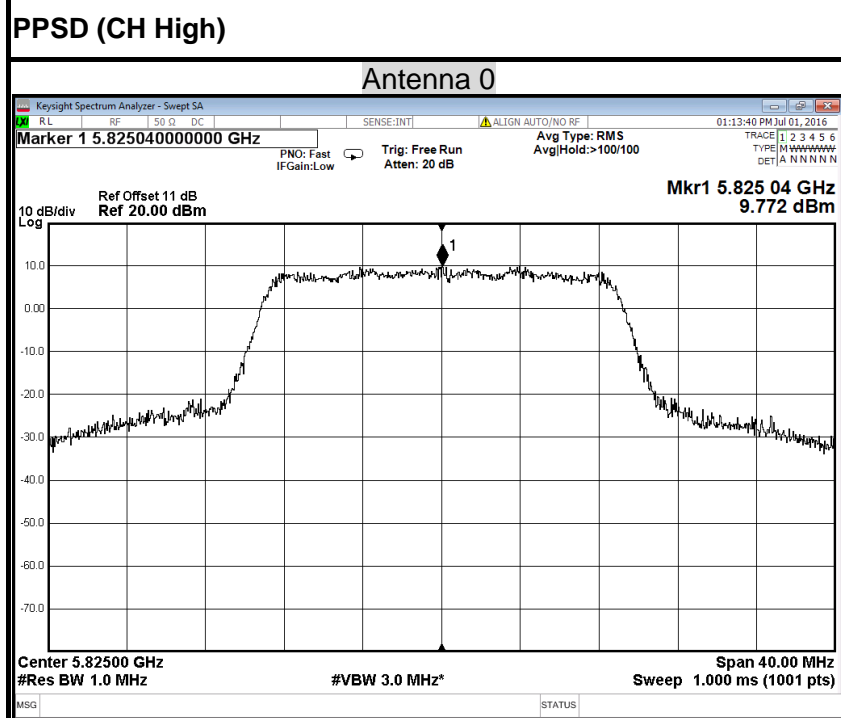
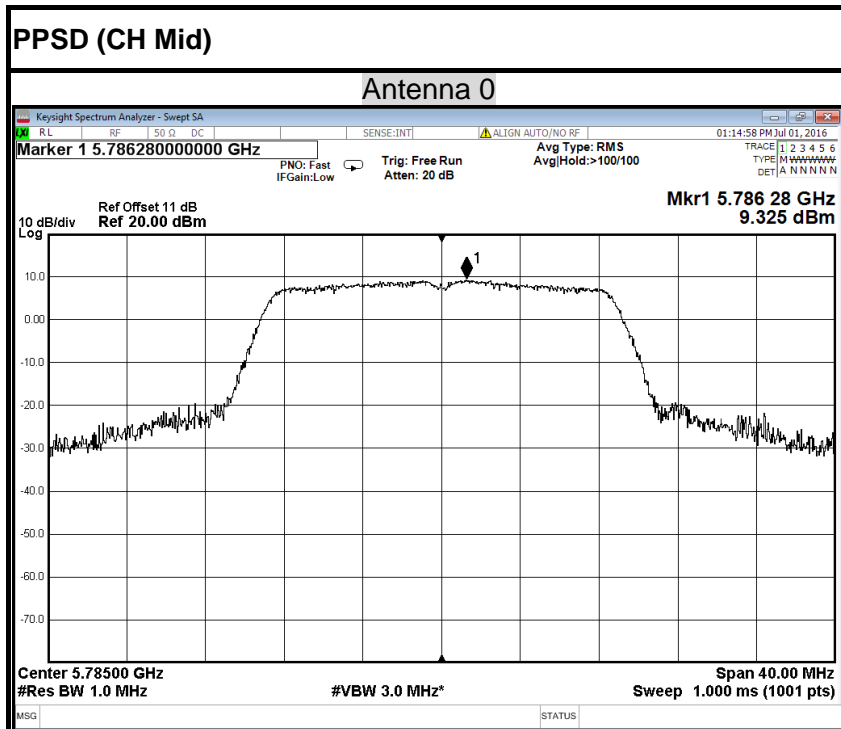
Antenna 0

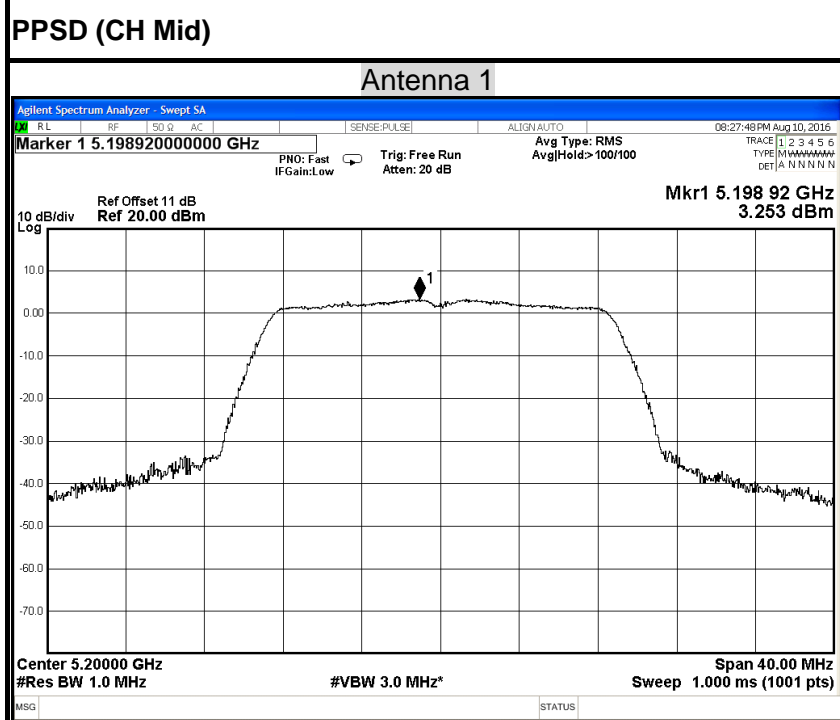
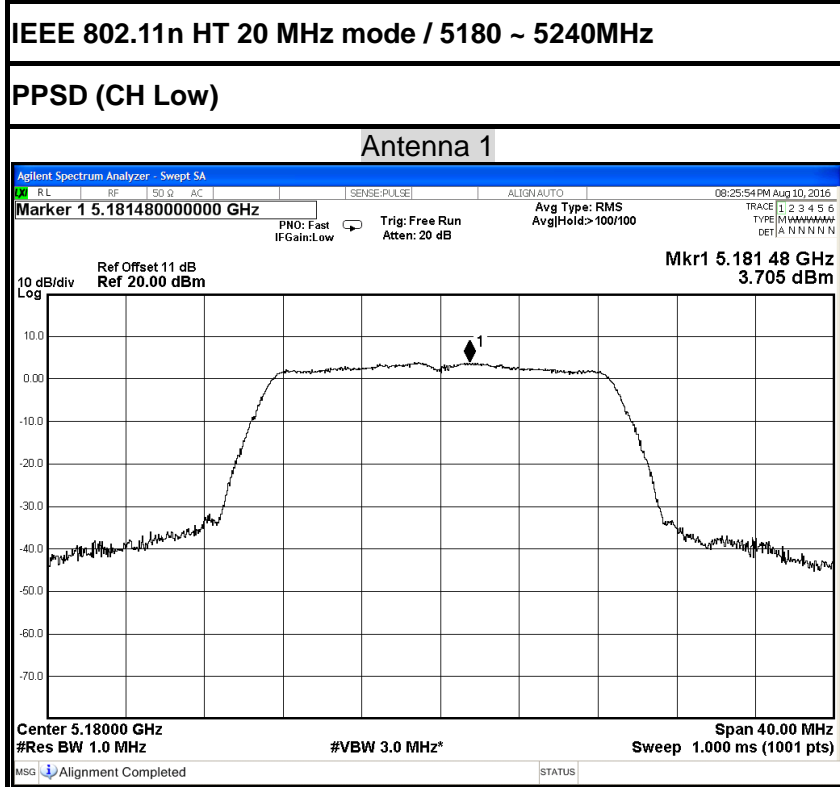


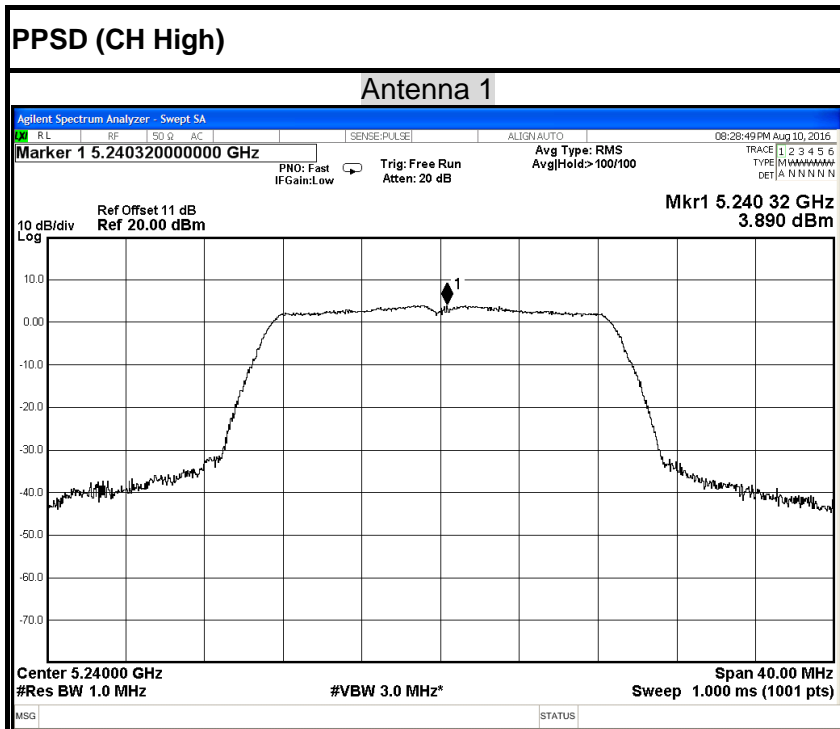


IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz

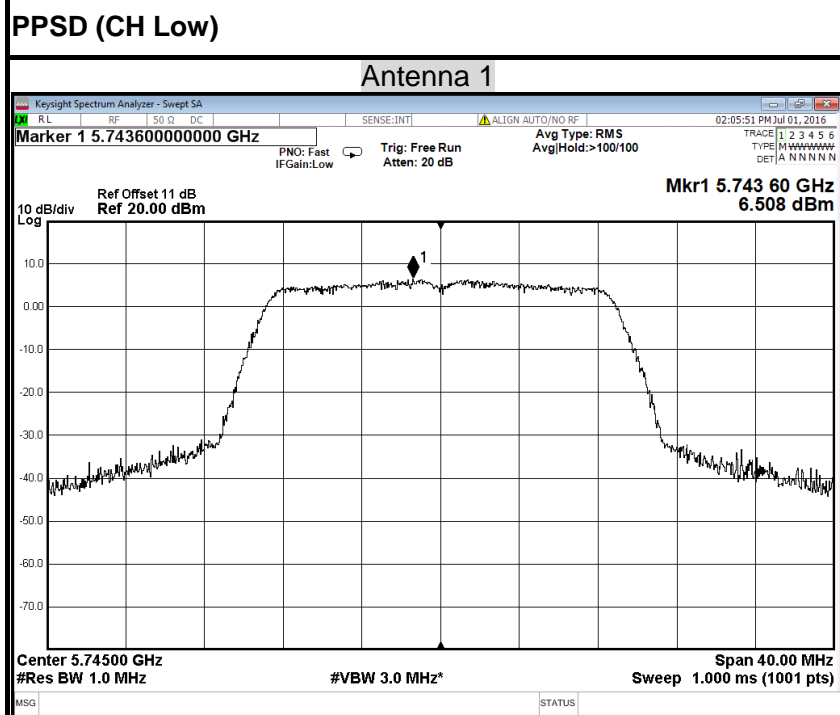


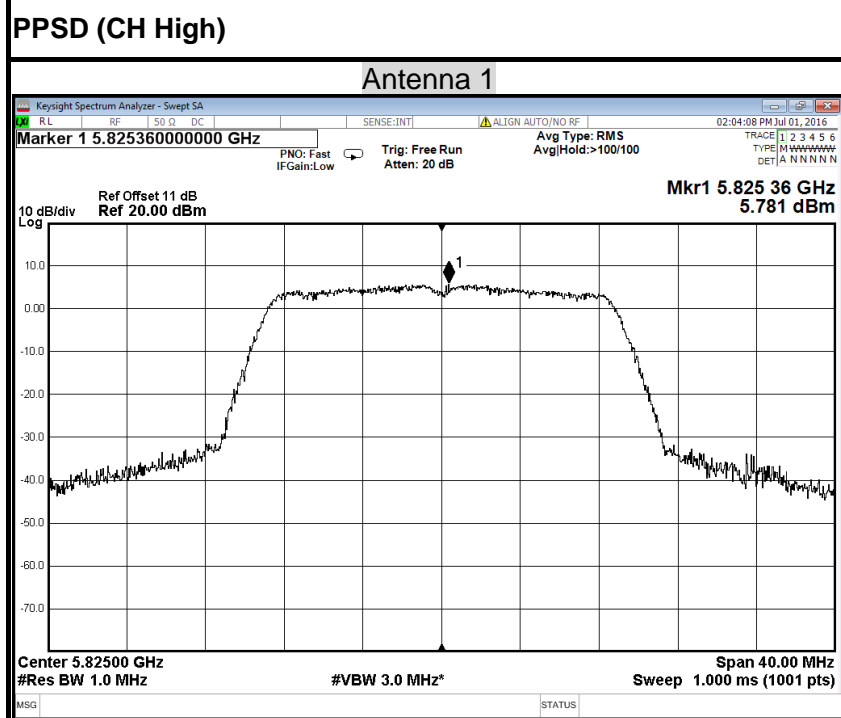
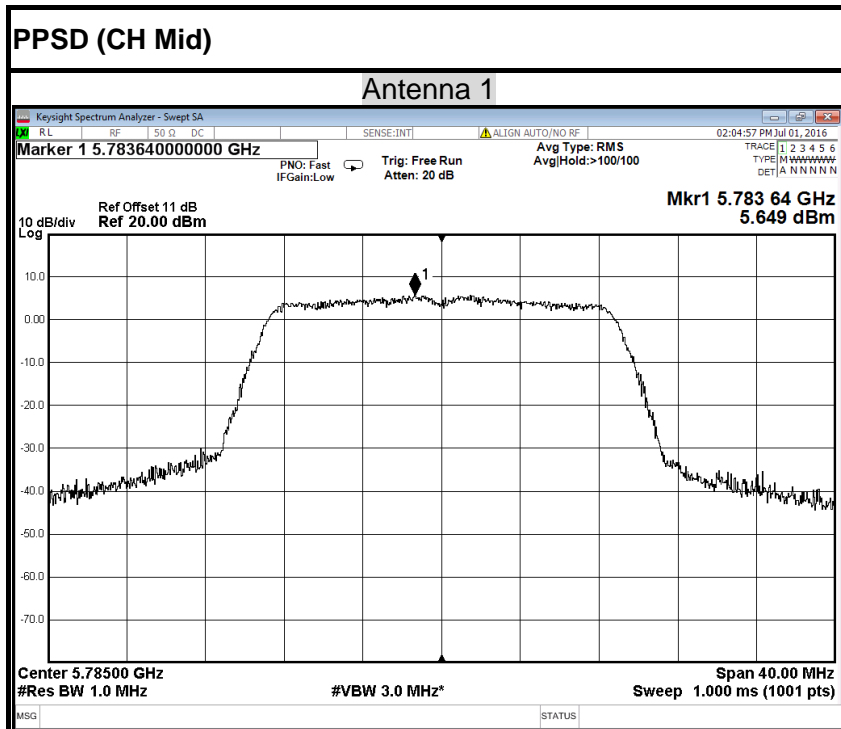






IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz



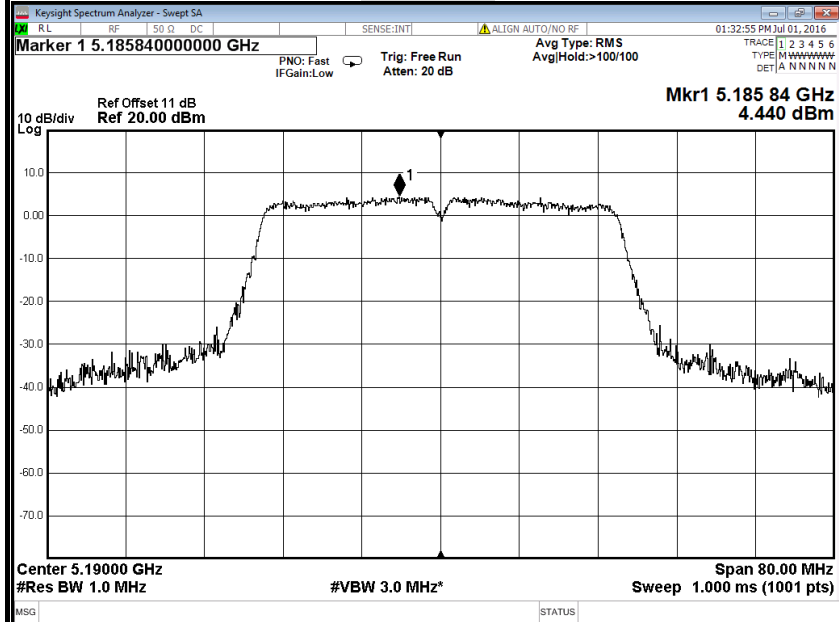




IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz

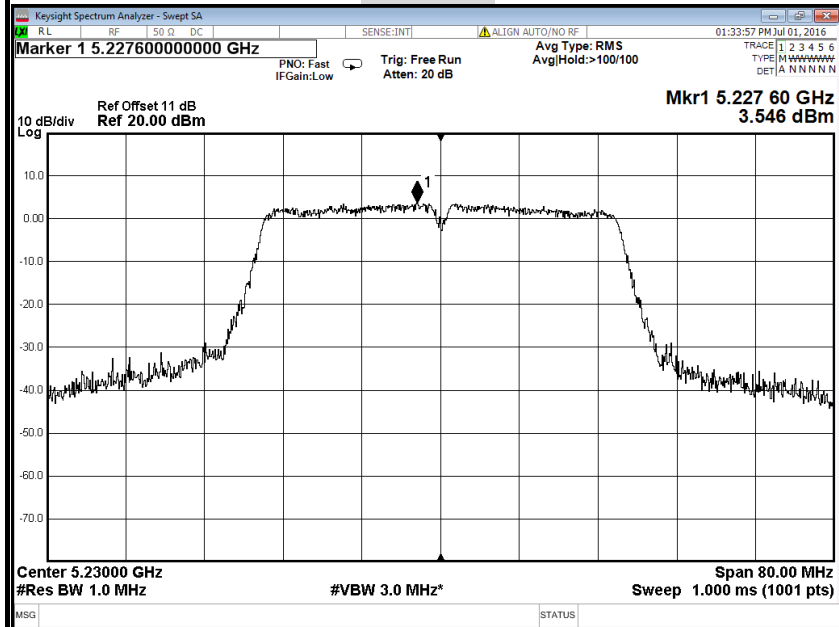
PPSD (CH Low)

Antenna 0



PPSD (CH High)

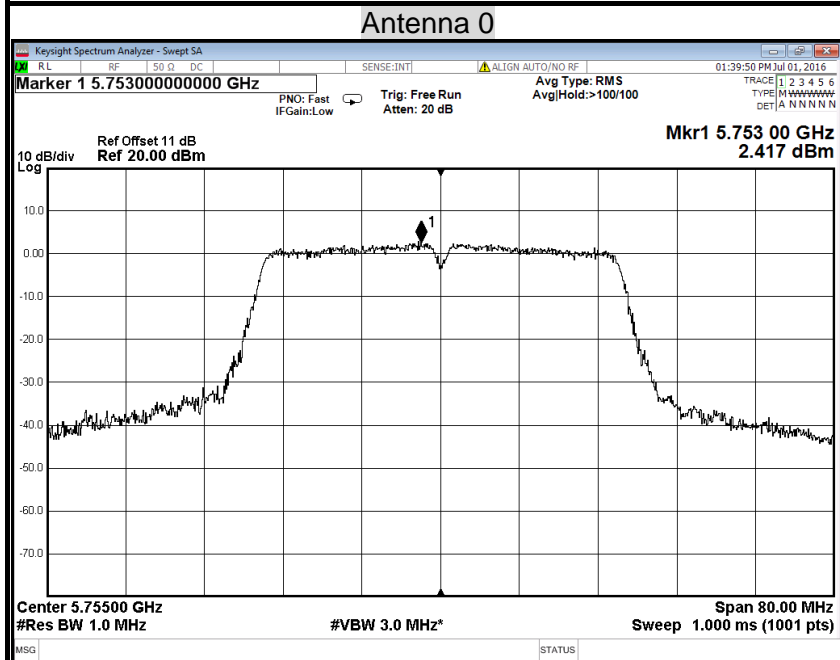
Antenna 0



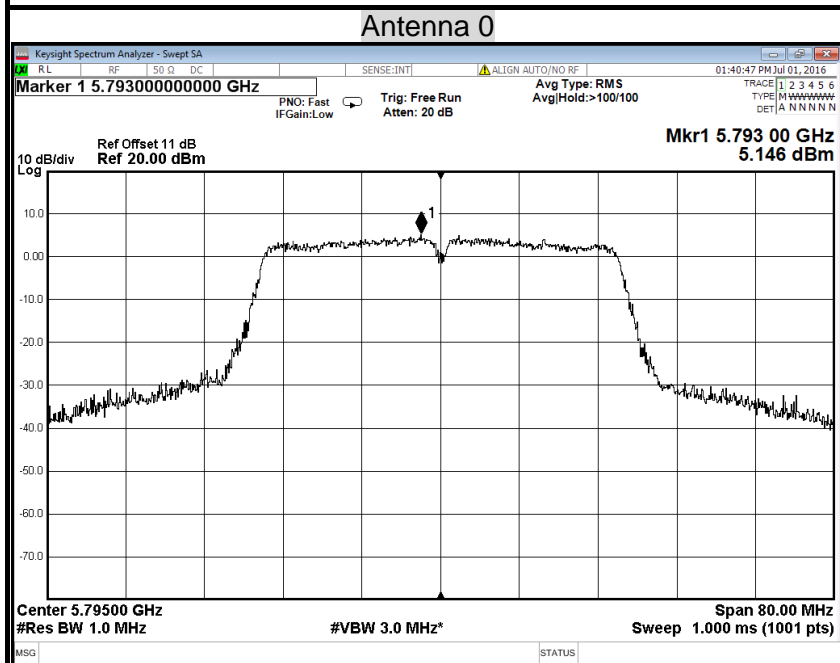


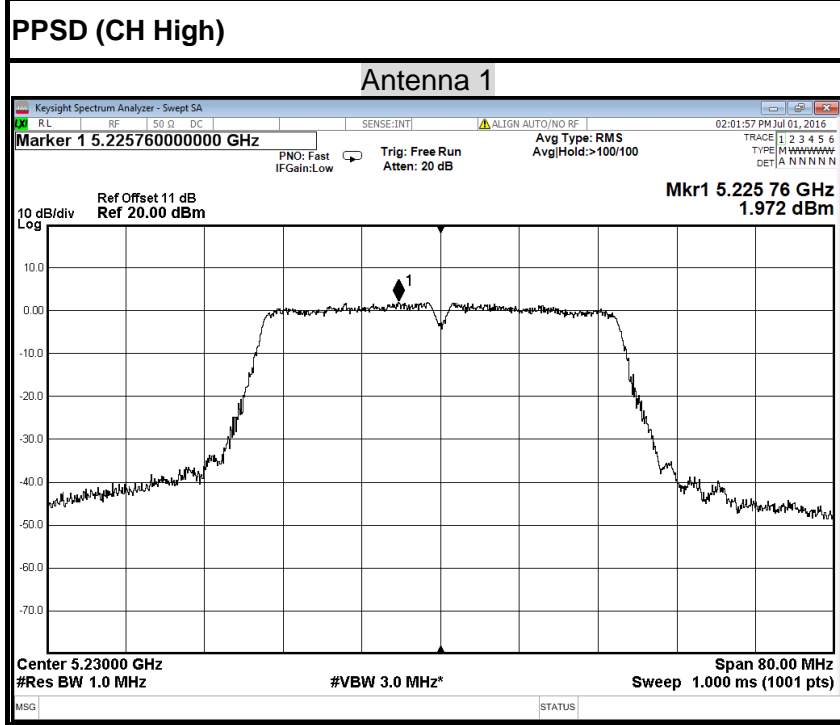
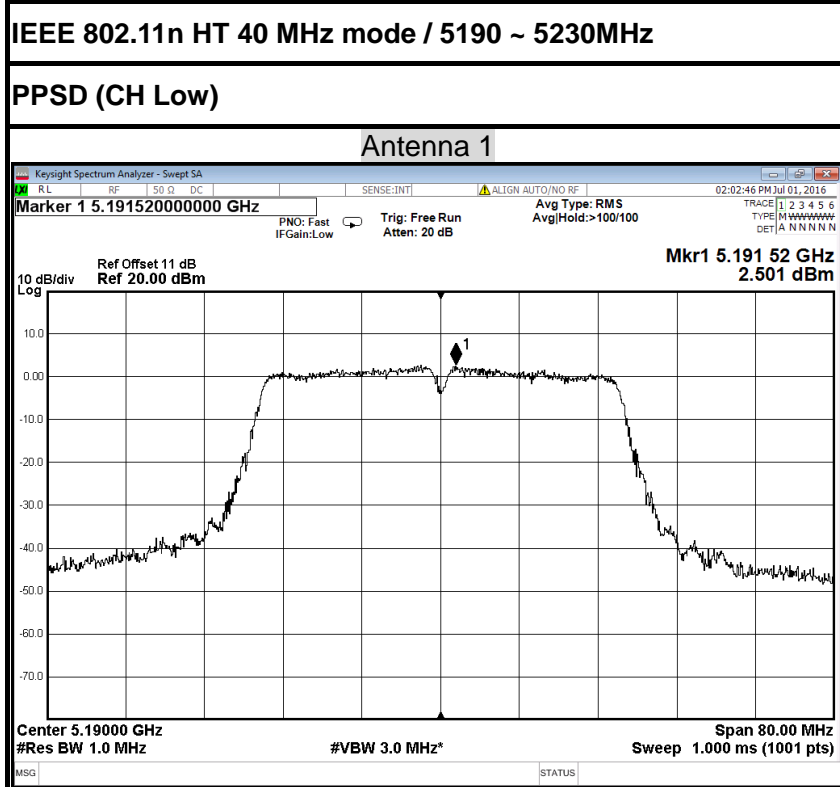
IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz

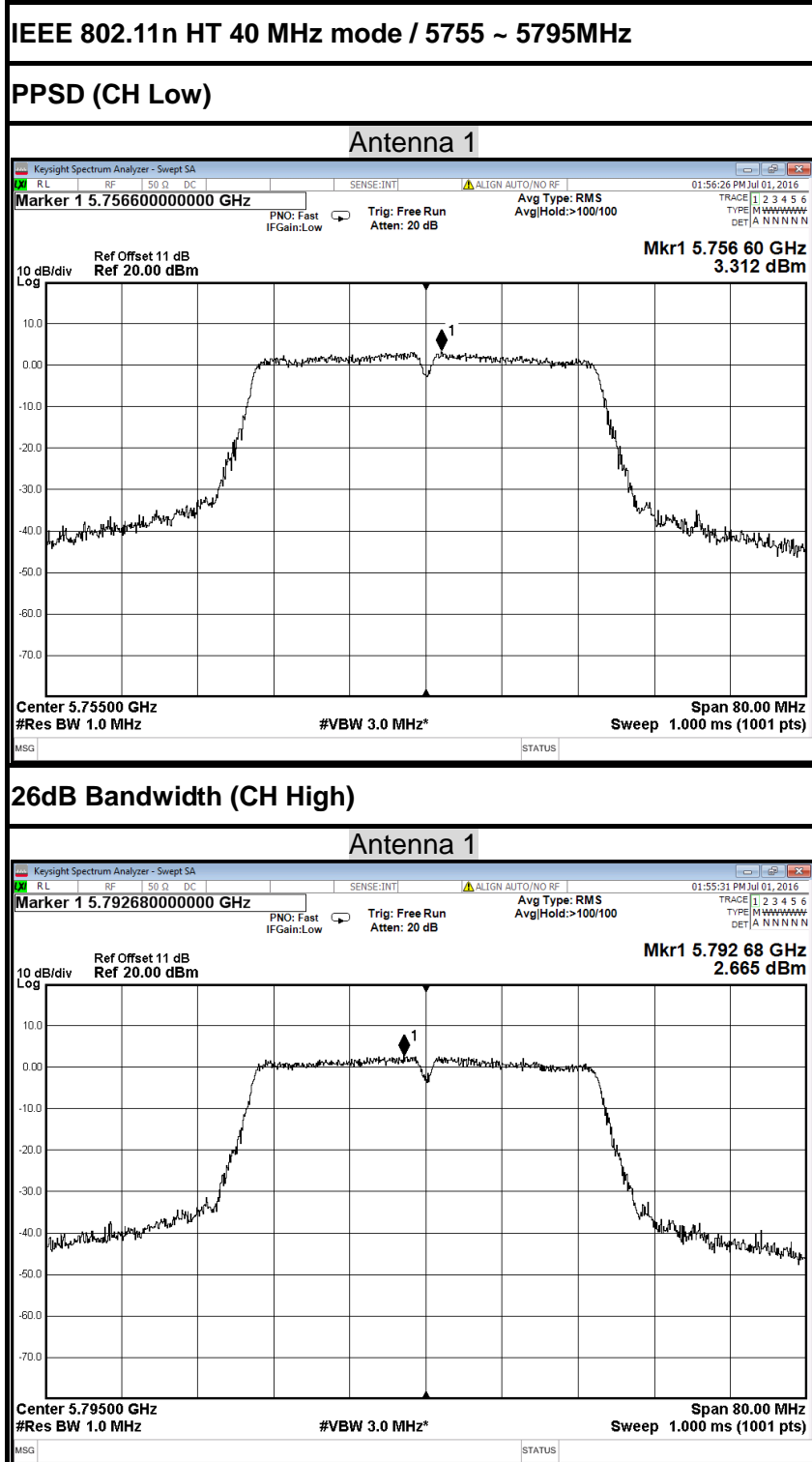
PPSD (CH Low)



PPSD (CH High)





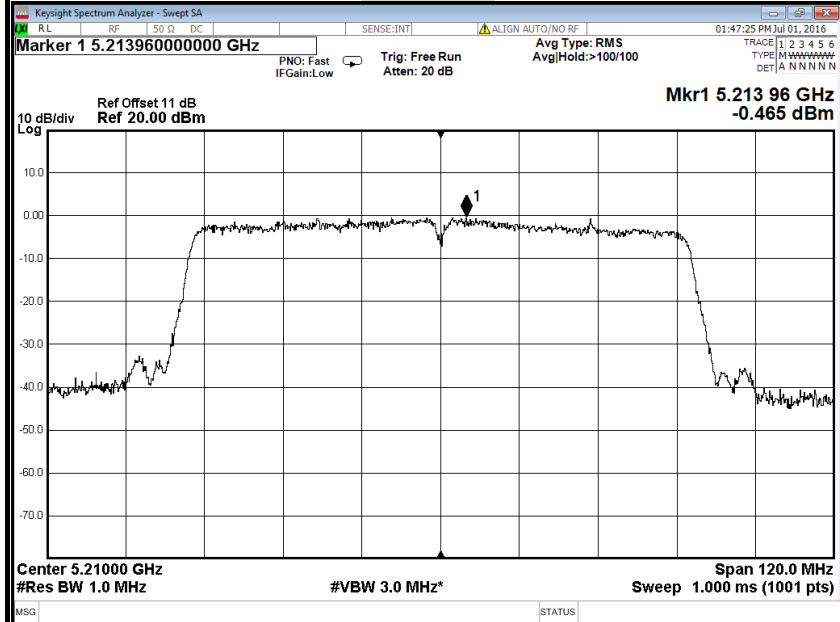




IEEE 802.11ac 80 mode / 5210MHz

PPSD

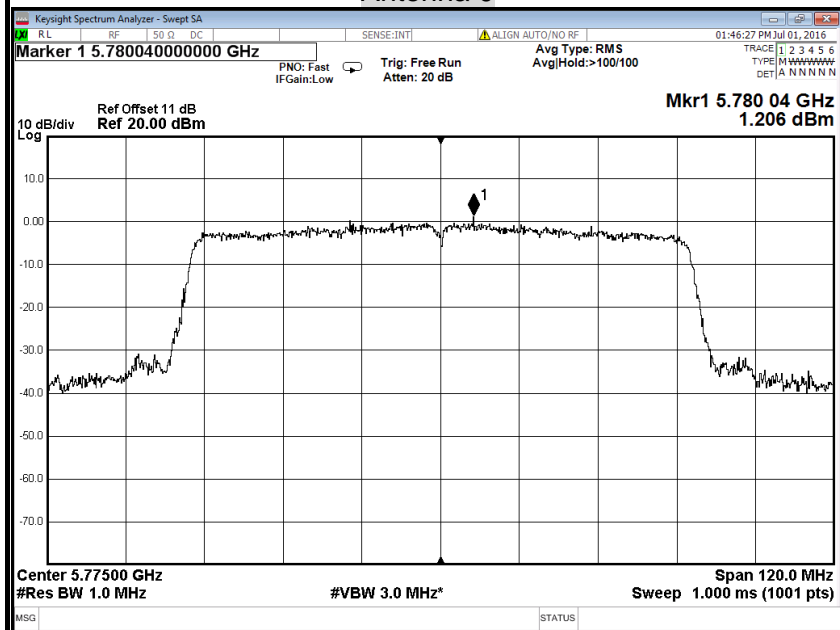
Antenna 0

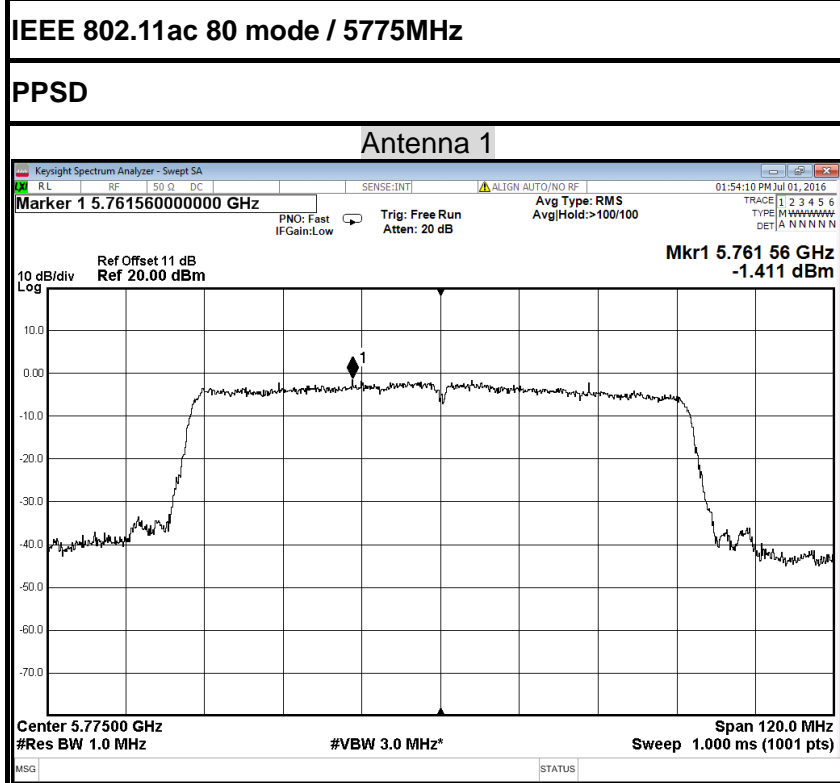
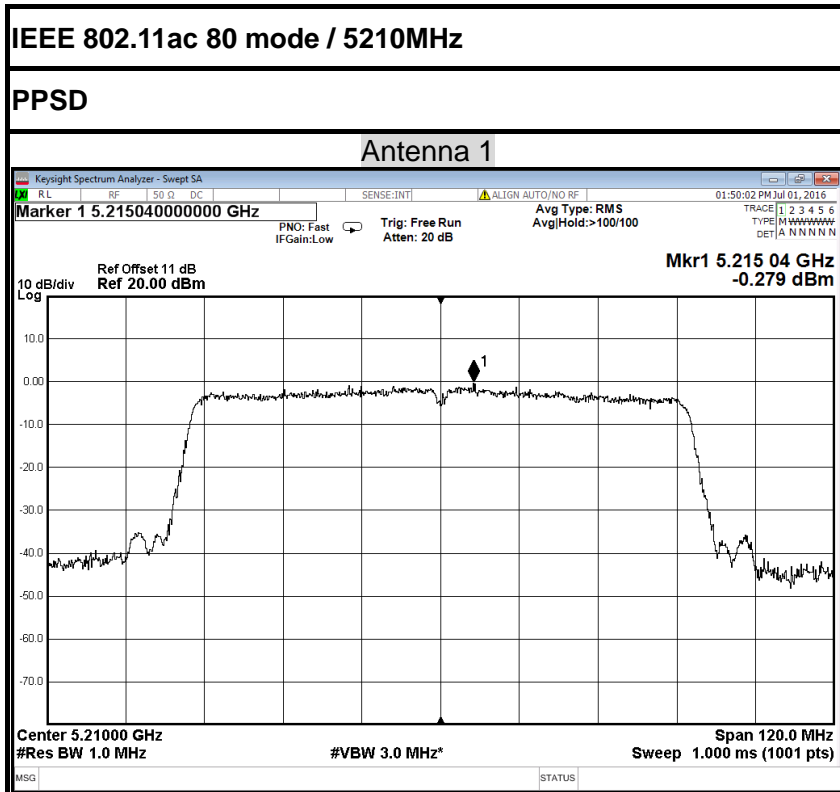


IEEE 802.11ac 80 mode / 5775MHz

PPSD

Antenna 0







6.7 RADIATED UNDESIRABLE EMISSION

6.7.1 LIMIT

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

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

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

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

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

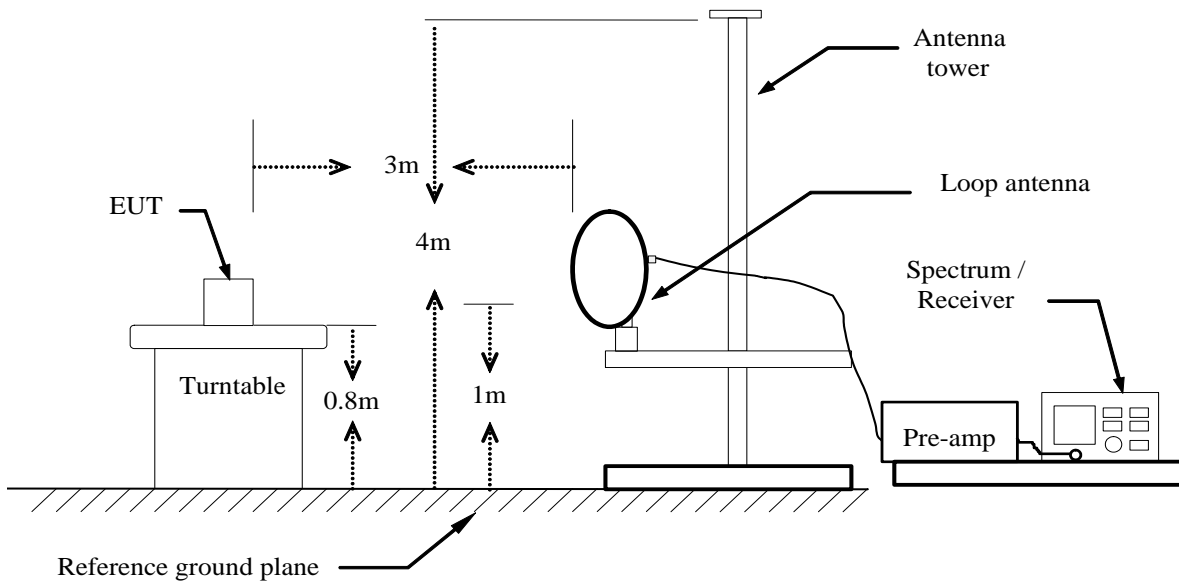


6.7.2 TEST INSTRUMENTS

Radiated Emission Test Site 966(2)						
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration	
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017	
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2016	02/20/2017	
Amplifier	EMEC	EM330	060661	03/18/2016	03/17/2017	
High Noise Amplifier	Agilent	8449B	3008A01838	02/21/2016	02/20/2017	
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170-497	02/28/2016	02/27/2017	
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/21/2016	02/20/2017	
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/28/2016	02/27/2017	
Loop Antenna	COM-POWER	AL-130	121044	09/25/2015	09/24/2016	
Turn Table	N/A	N/A	N/A	N.C.R	N.C.R	
Controller	Sunol Sciences	SC104V	022310-1	N.C.R	N.C.R	
Controller	CT	N/A	N/A	N.C.R	N.C.R	
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2016	02/20/2017	
Antenna Tower	SUNOL	TLT2	N/A	N.C.R	N.C.R	
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2				

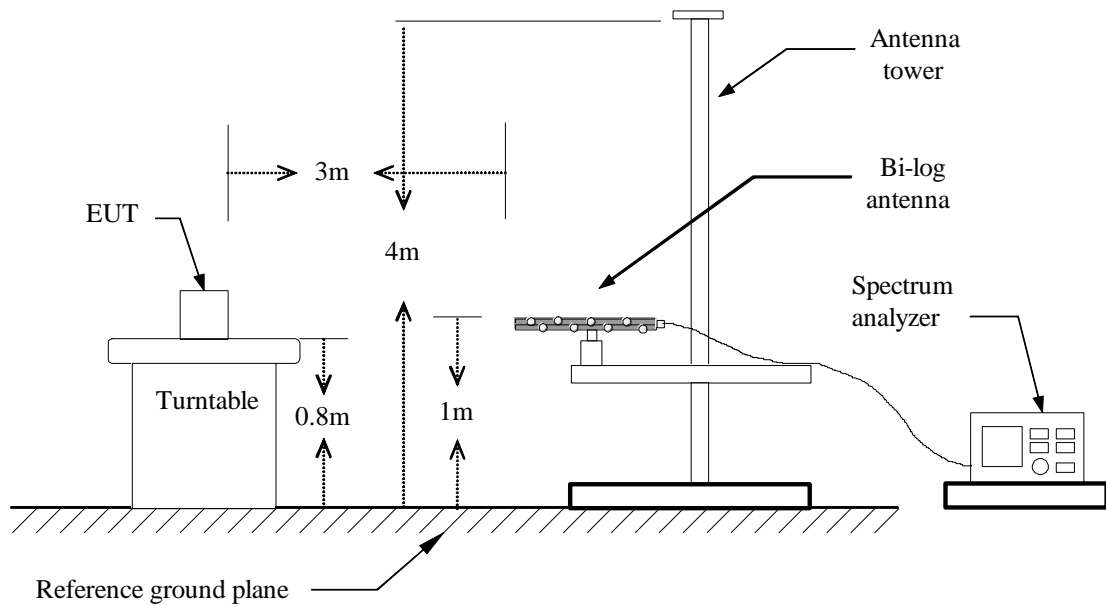
6.7.3 TEST CONFIGURATION

Below 30MHz

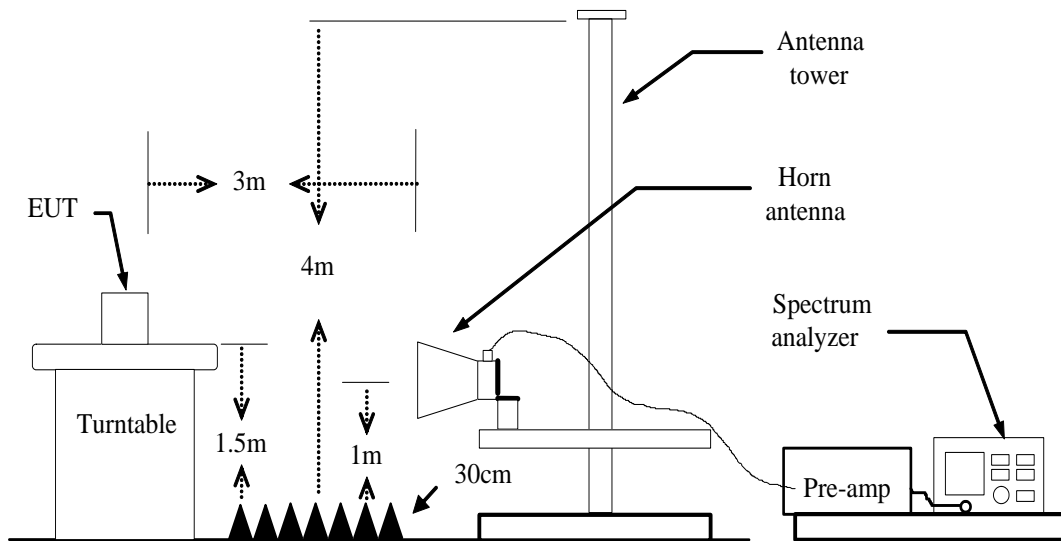




Below 1 GHz



Above 1 GHz



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



6.7.4 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: TXTested by: Darry WuAmbient temperature: 24°C Relative humidity: 52% RHDate: June 29, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
39.7000	47.12	-16.11	31.01	40.00	-8.99	V	QP
61.0400	60.88	-24.15	36.73	40.00	-3.27	V	QP
123.1200	48.90	-21.02	27.88	43.50	-15.62	V	QP
375.3200	45.35	-16.82	28.53	46.00	-17.47	V	QP
500.4500	42.94	-14.35	28.59	46.00	-17.41	V	QP
1000.0000	39.54	-9.36	30.18	54.00	-23.82	V	QP
39.7000	47.12	-16.11	31.01	40.00	-8.99	H	QP
61.0400	60.88	-24.15	36.73	40.00	-3.27	H	QP
123.1200	48.90	-21.02	27.88	43.50	-15.62	H	QP
375.3200	45.35	-16.82	28.53	46.00	-17.47	H	QP
500.4500	42.94	-14.35	28.59	46.00	-17.41	H	QP
1000.0000	39.54	-9.36	30.18	54.00	-23.82	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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1440.000	44.88	-6.99	37.89	74.00	-36.11	V	peak
2400.000	43.34	-2.81	40.53	74.00	-33.47	V	peak
2900.000	43.04	-1.54	41.50	74.00	-32.50	V	peak
3475.000	42.28	-0.56	41.72	74.00	-32.28	V	peak
4470.000	40.90	3.24	44.14	74.00	-29.86	V	peak
4995.000	40.28	4.96	45.24	74.00	-28.76	V	peak
1140.000	44.99	-8.02	36.97	74.00	-37.03	H	Peak
1445.000	44.04	-6.98	37.06	74.00	-36.94	H	Peak
2565.000	43.83	-2.14	41.69	74.00	-32.31	H	Peak
3725.000	43.29	0.43	43.72	74.00	-30.28	H	peak
4395.000	41.53	2.98	44.51	74.00	-29.49	H	peak
4850.000	40.28	4.49	44.77	74.00	-29.23	H	peak

Remark:

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



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 27, 2016

Frequency (MHz)	Reading (dBUV)	Correction Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6888.000	31.66	7.52	39.18	74.00	-34.82	V	peak
7764.000	31.42	9.19	40.61	74.00	-33.39	V	peak
8364.000	31.31	9.45	40.76	74.00	-33.24	V	peak
10356.000	33.33	13.08	46.41	74.00	-27.59	V	peak
11316.000	30.09	14.94	45.03	74.00	-28.97	V	peak
14304.000	28.19	20.76	48.95	74.00	-25.05	V	peak
7656.000	31.16	8.98	40.14	74.00	-33.86	H	Peak
8352.000	31.10	9.46	40.56	74.00	-33.44	H	Peak
10500.000	30.02	13.53	43.55	74.00	-30.45	H	Peak
11832.000	30.12	14.71	44.83	74.00	-29.17	H	peak
12936.000	28.91	17.74	46.65	74.00	-27.35	H	peak
14268.000	28.03	20.74	48.77	74.00	-25.23	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	31.42	9.14	40.56	74.00	-33.44	V	peak
8364.000	31.21	9.45	40.66	74.00	-33.34	V	peak
10404.000	35.40	13.23	48.63	74.00	-25.37	V	peak
11040.000	29.78	15.06	44.84	74.00	-29.16	V	peak
13008.000	28.63	17.97	46.60	74.00	-27.40	V	peak
14244.000	28.21	20.72	48.93	74.00	-25.07	V	peak
7740.000	31.33	9.14	40.47	74.00	-33.53	H	Peak
8340.000	31.31	9.46	40.77	74.00	-33.23	H	Peak
10404.000	31.02	13.23	44.25	74.00	-29.75	H	Peak
12492.000	29.41	16.27	45.68	74.00	-28.32	H	peak
14244.000	28.20	20.72	48.92	74.00	-25.08	H	peak
15072.000	28.79	20.83	49.62	74.00	-24.38	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6888.000	32.16	7.52	39.68	74.00	-34.32	V	peak
7764.000	30.92	9.19	40.11	74.00	-33.89	V	peak
8364.000	30.81	9.45	40.26	74.00	-33.74	V	peak
10356.000	33.33	13.08	46.41	74.00	-27.59	V	peak
11856.000	29.99	14.70	44.69	74.00	-29.31	V	peak
12780.000	29.48	17.22	46.70	74.00	-27.30	V	peak
6948.000	31.89	7.62	39.51	74.00	-34.49	H	Peak
7764.000	31.40	9.19	40.59	74.00	-33.41	H	Peak
10476.000	30.63	13.46	44.09	74.00	-29.91	H	Peak
10944.000	29.55	14.91	44.46	74.00	-29.54	H	peak
14460.000	28.35	20.85	49.20	74.00	-24.80	H	peak
14844.000	28.41	21.07	49.48	74.00	-24.52	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11a / 5745MHz / (CH Low)

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.68	7.62	39.30	74.00	-34.70	V	peak
7752.000	31.14	9.17	40.31	74.00	-33.69	V	peak
11484.000	31.02	14.87	45.89	74.00	-28.11	V	peak
13008.000	28.77	17.97	46.74	74.00	-27.26	V	peak
14808.000	28.21	21.05	49.26	74.00	-24.74	V	peak
17244.000	28.92	23.34	52.26	74.00	-21.74	V	peak
7764.000	31.10	9.19	40.29	74.00	-33.71	H	Peak
8364.000	31.62	9.45	41.07	74.00	-32.93	H	Peak
11484.000	29.81	14.87	44.68	74.00	-29.32	H	Peak
13596.000	27.73	19.52	47.25	74.00	-26.75	H	peak
14088.000	28.04	20.63	48.67	74.00	-25.33	H	peak
14988.000	28.63	21.15	49.78	74.00	-24.22	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 802.11a / 5785MHz /(CH Mid)

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.66	7.62	39.28	74.00	-34.72	V	peak
8364.000	31.34	9.45	40.79	74.00	-33.21	V	peak
10056.000	30.58	12.15	42.73	74.00	-31.27	V	peak
11568.000	32.59	14.83	47.42	74.00	-26.58	V	peak
14304.000	28.29	20.76	49.05	74.00	-24.95	V	peak
15036.000	28.53	21.00	49.53	74.00	-24.47	V	peak
6948.000	31.79	7.62	39.41	74.00	-34.59	H	Peak
7764.000	31.84	9.19	41.03	74.00	-32.97	H	Peak
10524.000	30.14	13.60	43.74	74.00	-30.26	H	Peak
11040.000	29.78	15.06	44.84	74.00	-29.16	H	peak
13776.000	27.96	19.99	47.95	74.00	-26.05	H	peak
15108.000	28.93	20.67	49.60	74.00	-24.40	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.67	9.17	40.84	74.00	-33.16	V	peak
11040.000	29.37	15.06	44.43	74.00	-29.57	V	peak
11652.000	34.07	14.79	48.86	74.00	-25.14	V	peak
13512.000	27.57	19.30	46.87	74.00	-27.13	V	peak
14736.000	28.54	21.01	49.55	74.00	-24.45	V	peak
17472.000	29.21	23.30	52.51	74.00	-21.49	V	peak
8364.000	31.65	9.45	41.10	74.00	-32.90	H	Peak
11652.000	30.31	14.79	45.10	74.00	-28.90	H	Peak
12792.000	29.31	17.26	46.57	74.00	-27.43	H	Peak
13008.000	28.66	17.97	46.63	74.00	-27.37	H	peak
14316.000	28.36	20.76	49.12	74.00	-24.88	H	peak
15000.000	28.46	21.16	49.62	74.00	-24.38	H	peak

Remark:

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



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 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6744.000	31.19	7.29	38.48	74.00	-35.52	V	peak
10356.000	33.52	13.08	46.60	74.00	-27.40	V	peak
11052.000	29.55	15.06	44.61	74.00	-29.39	V	peak
12792.000	29.41	17.26	46.67	74.00	-27.33	V	peak
14160.000	28.03	20.67	48.70	74.00	-25.30	V	peak
14916.000	28.17	21.11	49.28	74.00	-24.72	V	peak
8448.000	31.15	9.40	40.55	74.00	-33.45	H	Peak
10524.000	32.01	13.60	45.61	74.00	-28.39	H	Peak
11328.000	29.73	14.94	44.67	74.00	-29.33	H	Peak
12888.000	28.49	17.58	46.07	74.00	-27.93	H	peak
13632.000	27.93	19.61	47.54	74.00	-26.46	H	peak
14436.000	27.89	20.83	48.72	74.00	-25.28	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7572.000	31.42	8.82	40.24	74.00	-33.76	V	peak
10404.000	33.63	13.23	46.86	74.00	-27.14	V	peak
11040.000	29.82	15.06	44.88	74.00	-29.12	V	peak
12960.000	29.06	17.82	46.88	74.00	-27.12	V	peak
14460.000	28.01	20.85	48.86	74.00	-25.14	V	peak
15024.000	28.65	21.05	49.70	74.00	-24.30	V	peak
8364.000	31.78	9.45	41.23	74.00	-32.77	H	Peak
10404.000	32.94	13.23	46.17	74.00	-27.83	H	Peak
11844.000	30.30	14.71	45.01	74.00	-28.99	H	Peak
14244.000	28.43	20.72	49.15	74.00	-24.85	H	peak
14736.000	28.66	21.01	49.67	74.00	-24.33	H	peak
17100.000	28.27	23.37	51.64	74.00	-22.36	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.92	7.62	39.54	74.00	-34.46	V	peak
8352.000	31.56	9.46	41.02	74.00	-32.98	V	peak
9840.000	31.15	11.52	42.67	74.00	-31.33	V	peak
10476.000	33.57	13.46	47.03	74.00	-26.97	V	peak
12936.000	29.10	17.74	46.84	74.00	-27.16	V	peak
14244.000	28.42	20.72	49.14	74.00	-24.86	V	peak
6948.000	31.88	7.62	39.50	74.00	-34.50	H	Peak
7752.000	31.65	9.17	40.82	74.00	-33.18	H	Peak
10476.000	32.04	13.46	45.50	74.00	-28.50	H	Peak
11844.000	30.44	14.71	45.15	74.00	-28.85	H	peak
14460.000	28.37	20.85	49.22	74.00	-24.78	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 802.11a / 5745MHz /(CH Low)

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.70	9.17	40.87	74.00	-33.13	V	peak
10500.000	30.21	13.53	43.74	74.00	-30.26	V	peak
11484.000	30.94	14.87	45.81	74.00	-28.19	V	peak
12912.000	29.37	17.66	47.03	74.00	-26.97	V	peak
14316.000	28.16	20.76	48.92	74.00	-25.08	V	peak
14904.000	28.78	21.10	49.88	74.00	-24.12	V	peak
7752.000	31.48	9.17	40.65	74.00	-33.35	H	Peak
8376.000	31.76	9.44	41.20	74.00	-32.80	H	Peak
10872.000	29.66	14.68	44.34	74.00	-29.66	H	Peak
11316.000	29.89	14.94	44.83	74.00	-29.17	H	peak
11820.000	30.21	14.72	44.93	74.00	-29.07	H	peak
14244.000	28.34	20.72	49.06	74.00	-24.94	H	peak

Remark:

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



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

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	31.67	9.14	40.81	74.00	-33.19	V	peak
8352.000	31.79	9.46	41.25	74.00	-32.75	V	peak
10512.000	30.50	13.57	44.07	74.00	-29.93	V	peak
10908.000	29.56	14.79	44.35	74.00	-29.65	V	peak
11568.000	32.30	14.83	47.13	74.00	-26.87	V	peak
14880.000	28.53	21.09	49.62	74.00	-24.38	V	peak
7752.000	31.38	9.17	40.55	74.00	-33.45	H	Peak
10500.000	29.98	13.53	43.51	74.00	-30.49	H	Peak
11568.000	30.44	14.83	45.27	74.00	-28.73	H	Peak
11856.000	30.42	14.70	45.12	74.00	-28.88	H	peak
12984.000	28.66	17.90	46.56	74.00	-27.44	H	peak
14988.000	28.40	21.15	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 802.11a / 5825MHz / (CH High)

Tested by: Darry Wu

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

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.000	31.24	9.14	40.38	74.00	-33.62	V	peak
8352.000	31.33	9.46	40.79	74.00	-33.21	V	peak
10500.000	30.42	13.53	43.95	74.00	-30.05	V	peak
11652.000	33.79	14.79	48.58	74.00	-25.42	V	peak
11844.000	31.00	14.71	45.71	74.00	-28.29	V	peak
14268.000	28.17	20.74	48.91	74.00	-25.09	V	peak
8424.000	31.56	9.42	40.98	74.00	-33.02	H	Peak
10500.000	30.34	13.53	43.87	74.00	-30.13	H	Peak
11064.000	29.66	15.05	44.71	74.00	-29.29	H	Peak
11652.000	31.06	14.79	45.85	74.00	-28.15	H	peak
14244.000	28.56	20.72	49.28	74.00	-24.72	H	peak
17244.000	28.40	23.34	51.74	74.00	-22.26	H	peak

Remark:

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



Combine with Antenna 0 and Antenna 1 and Antenna 2

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 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.25	9.19	40.44	74.00	-33.56	V	peak
10356.000	36.73	13.08	49.81	74.00	-24.19	V	peak
11052.000	29.57	15.06	44.63	74.00	-29.37	V	peak
11844.000	30.31	14.71	45.02	74.00	-28.98	V	peak
12840.000	29.50	17.42	46.92	74.00	-27.08	V	peak
14280.000	28.42	20.74	49.16	74.00	-24.84	V	peak
7752.000	31.32	9.17	40.49	74.00	-33.51	H	Peak
10356.000	33.87	13.08	46.95	74.00	-27.05	H	Peak
11016.000	29.87	15.07	44.94	74.00	-29.06	H	Peak
12936.000	29.03	17.74	46.77	74.00	-27.23	H	peak
14352.000	28.46	20.78	49.24	74.00	-24.76	H	peak
15108.000	28.86	20.67	49.53	74.00	-24.47	H	peak

Remark:

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



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

Tested by: Darry Wu

Ambient temperature: 24°C

Relative humidity: 52% RH

Date: June 27, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.23	9.17	40.40	74.00	-33.60	V	peak
8364.000	31.42	9.45	40.87	74.00	-33.13	V	peak
10404.000	35.92	13.23	49.15	74.00	-24.85	V	peak
12936.000	29.09	17.74	46.83	74.00	-27.17	V	peak
13980.000	27.85	20.53	48.38	74.00	-25.62	V	peak
15012.000	28.74	21.11	49.85	74.00	-24.15	V	peak
6924.000	31.48	7.58	39.06	74.00	-34.94	H	Peak
8304.000	31.02	9.48	40.50	74.00	-33.50	H	Peak
10404.000	34.43	13.23	47.66	74.00	-26.34	H	Peak
11304.000	30.01	14.95	44.96	74.00	-29.04	H	peak
12912.000	29.33	17.66	46.99	74.00	-27.01	H	peak
14244.000	28.47	20.72	49.19	74.00	-24.81	H	peak

Remark:

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