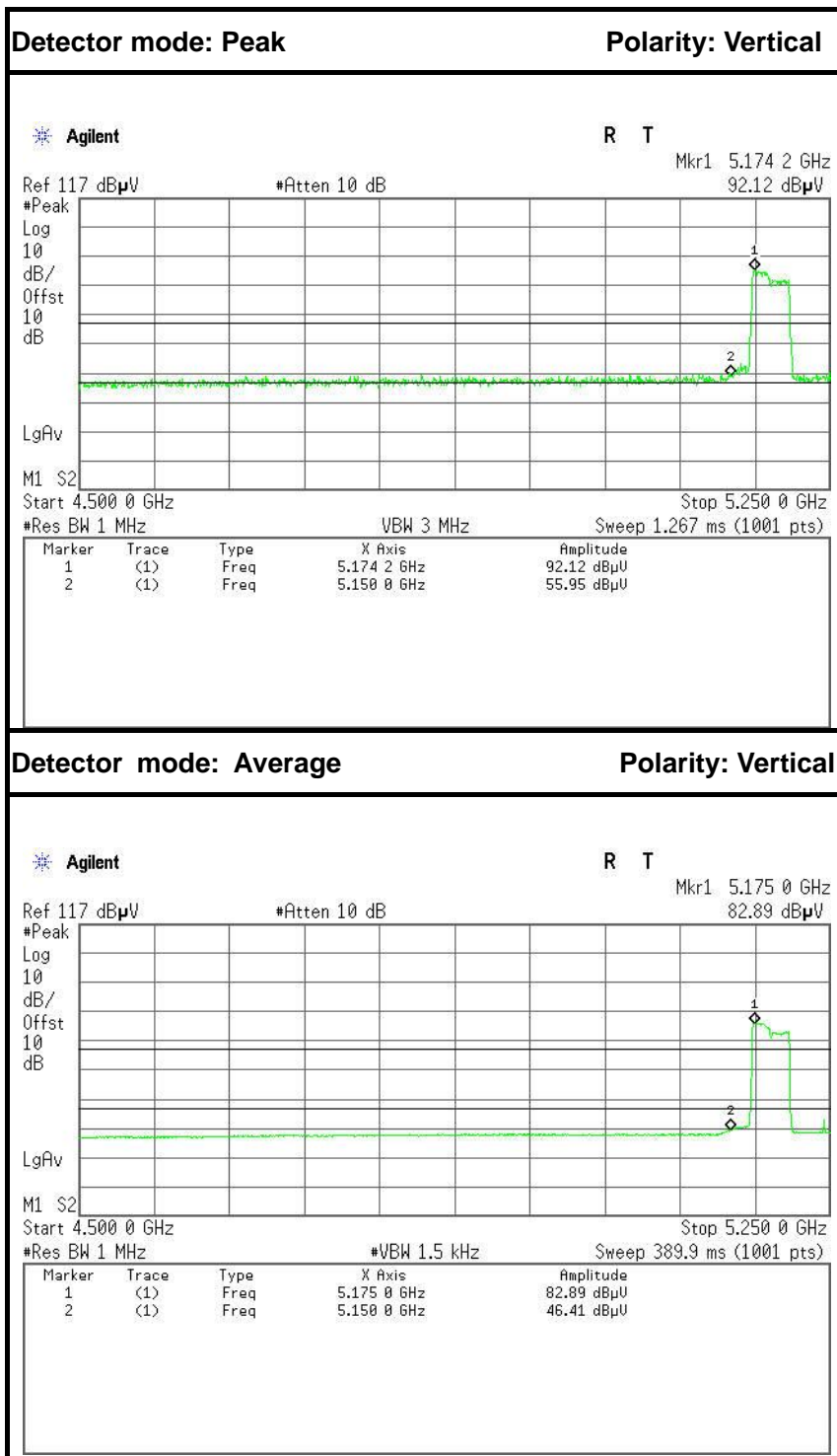


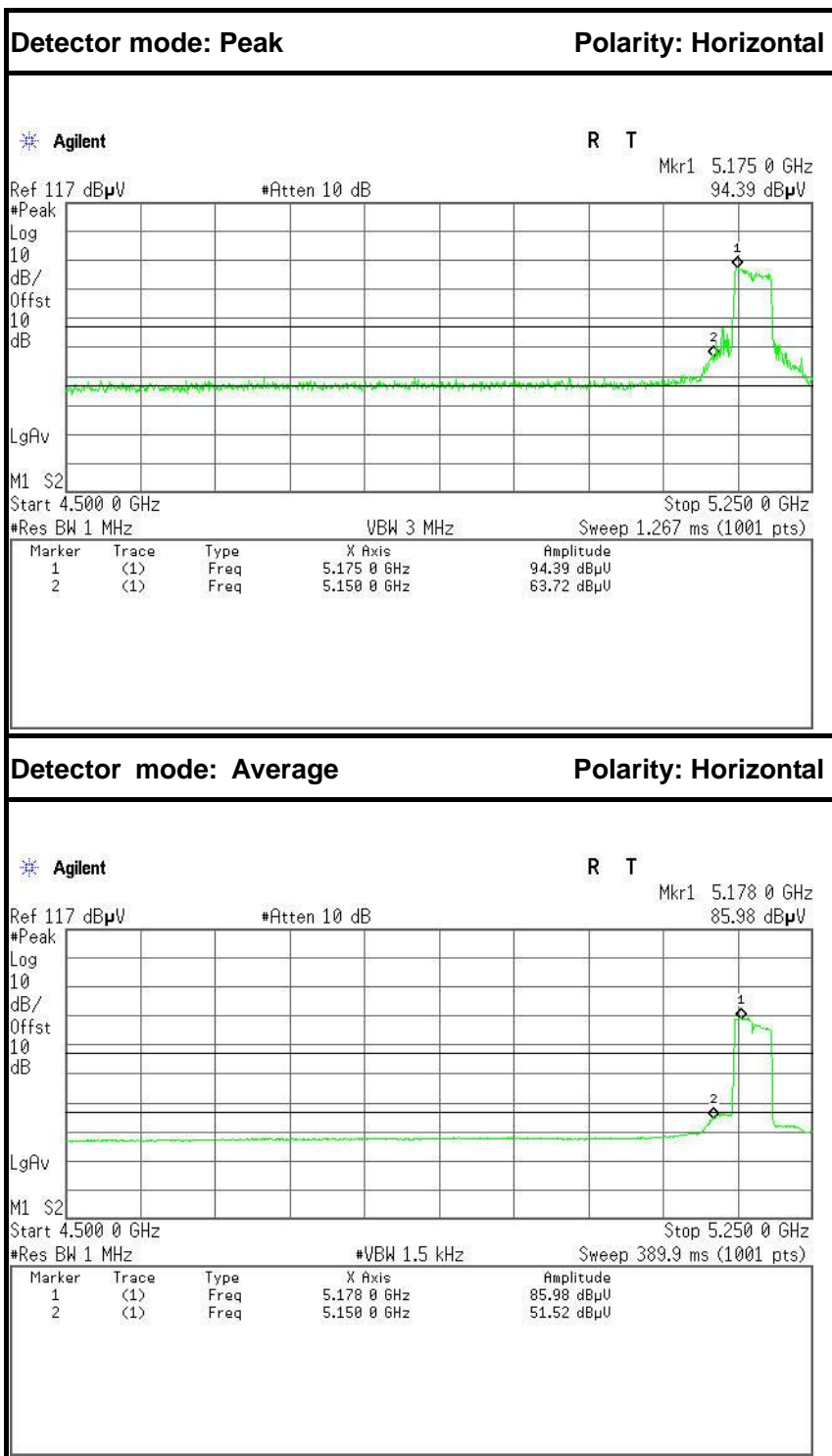
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	48.72	-6.60	55.32	74.00	-18.68	Peak	Horizontal
2	5350.0000	38.98	-6.60	45.58	54.00	-8.42	Average	Horizontal



IEEE 802.11n HT 40 MHz mode / 5190 MHz



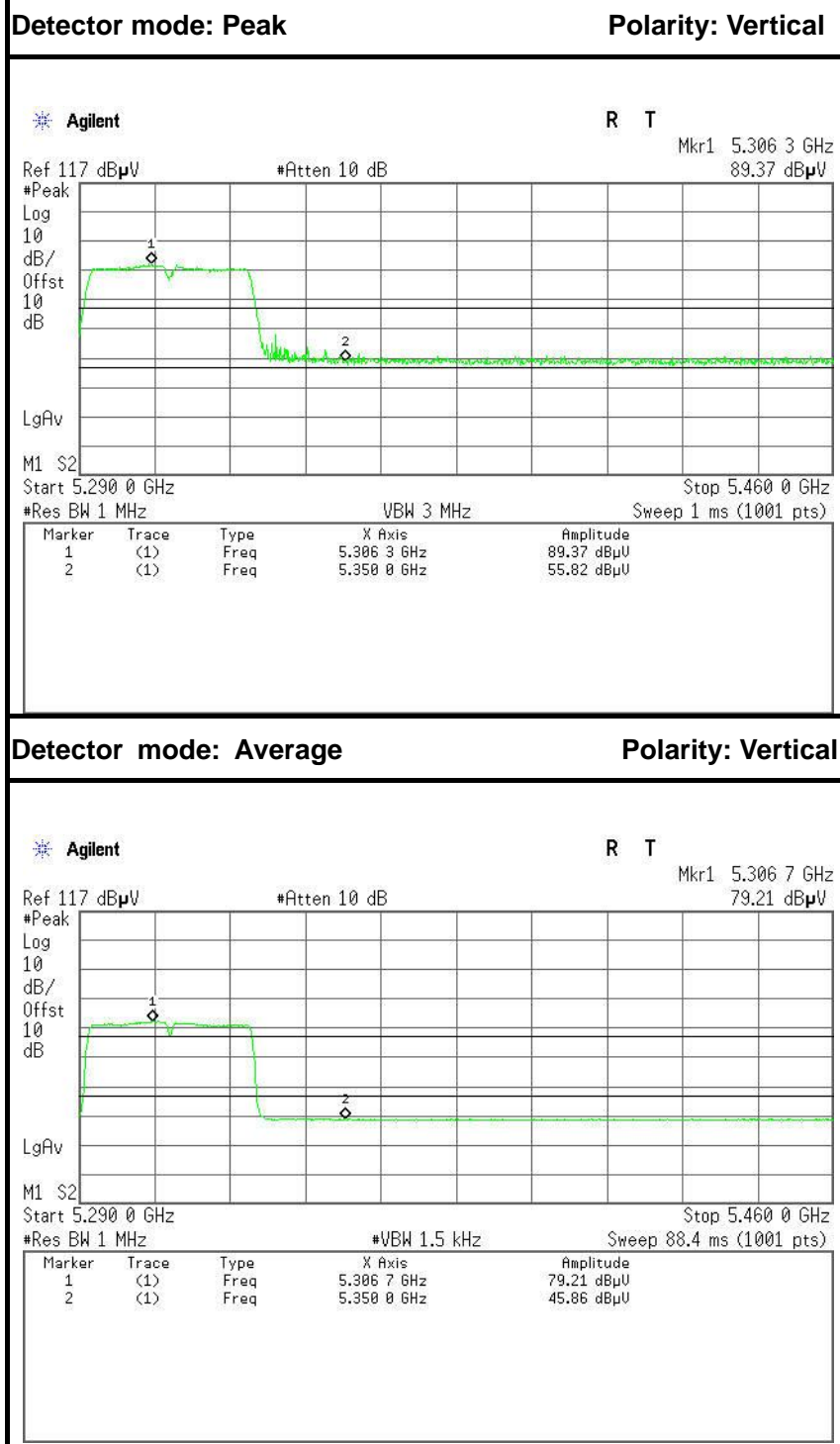
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	49.35	-6.60	55.95	74.00	-18.05	Peak	Vertical
2	5150.0000	39.81	-6.60	46.41	54.00	-7.59	Average	Vertical



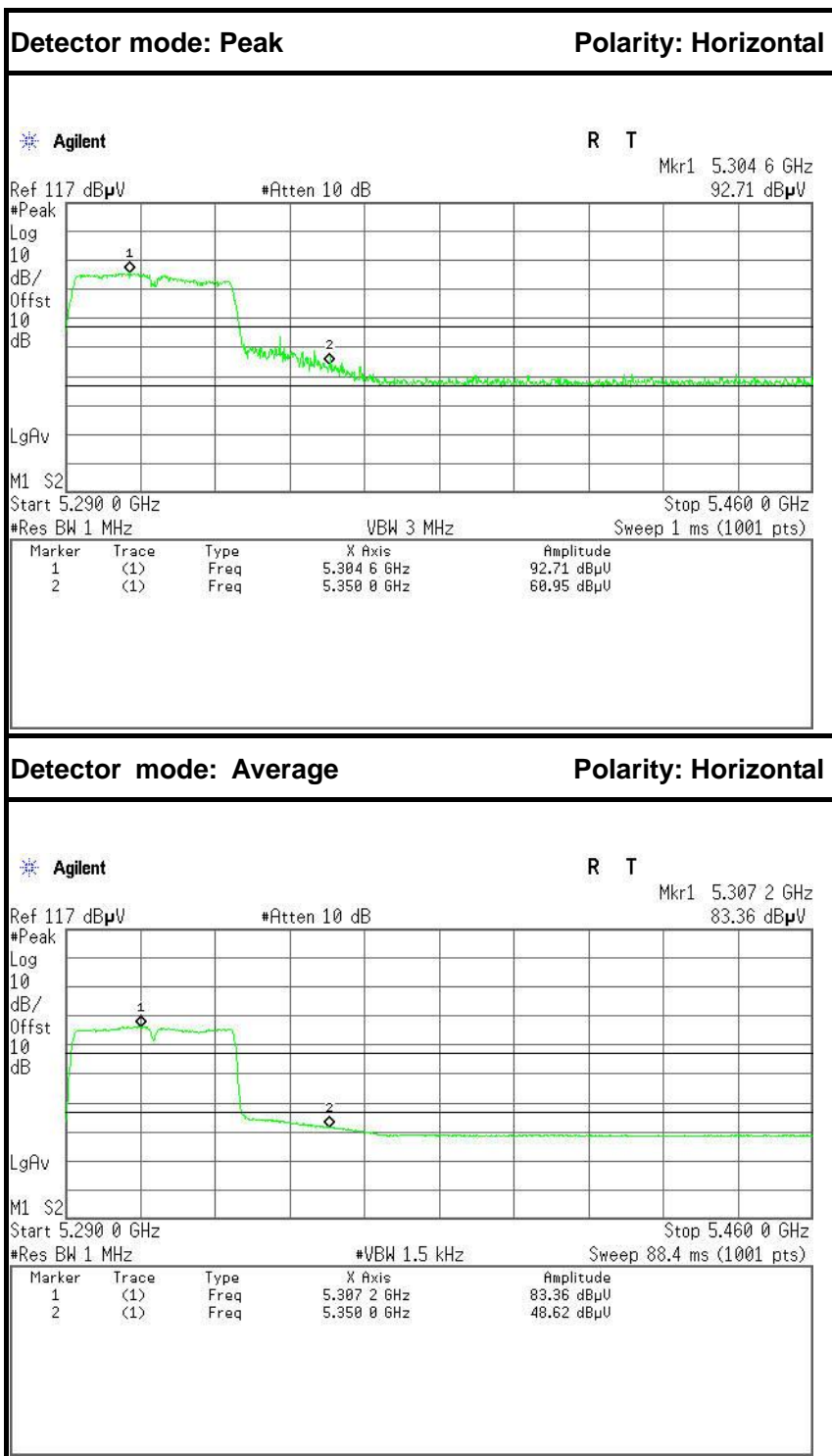
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	57.12	-6.60	63.72	74.00	-10.28	Peak	Horizontal
2	5150.0000	44.92	-6.60	51.52	54.00	-2.48	Average	Horizontal



IEEE 802.11n HT 40 MHz mode / 5310 MHz



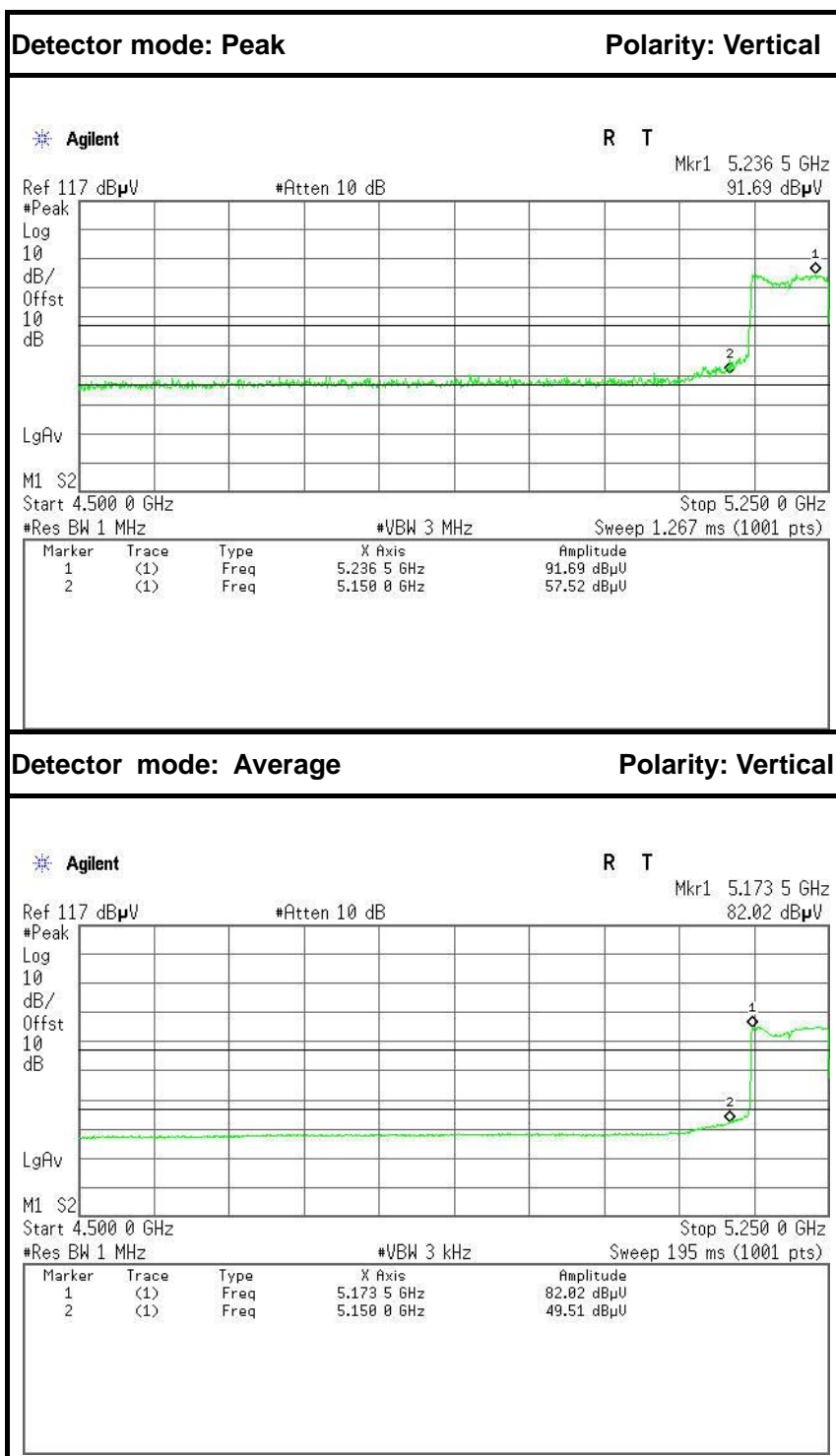
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	49.22	-6.60	55.82	74.00	-18.18	Peak	Vertical
2	5350.0000	39.26	-6.60	45.86	54.00	-8.14	Average	Vertical



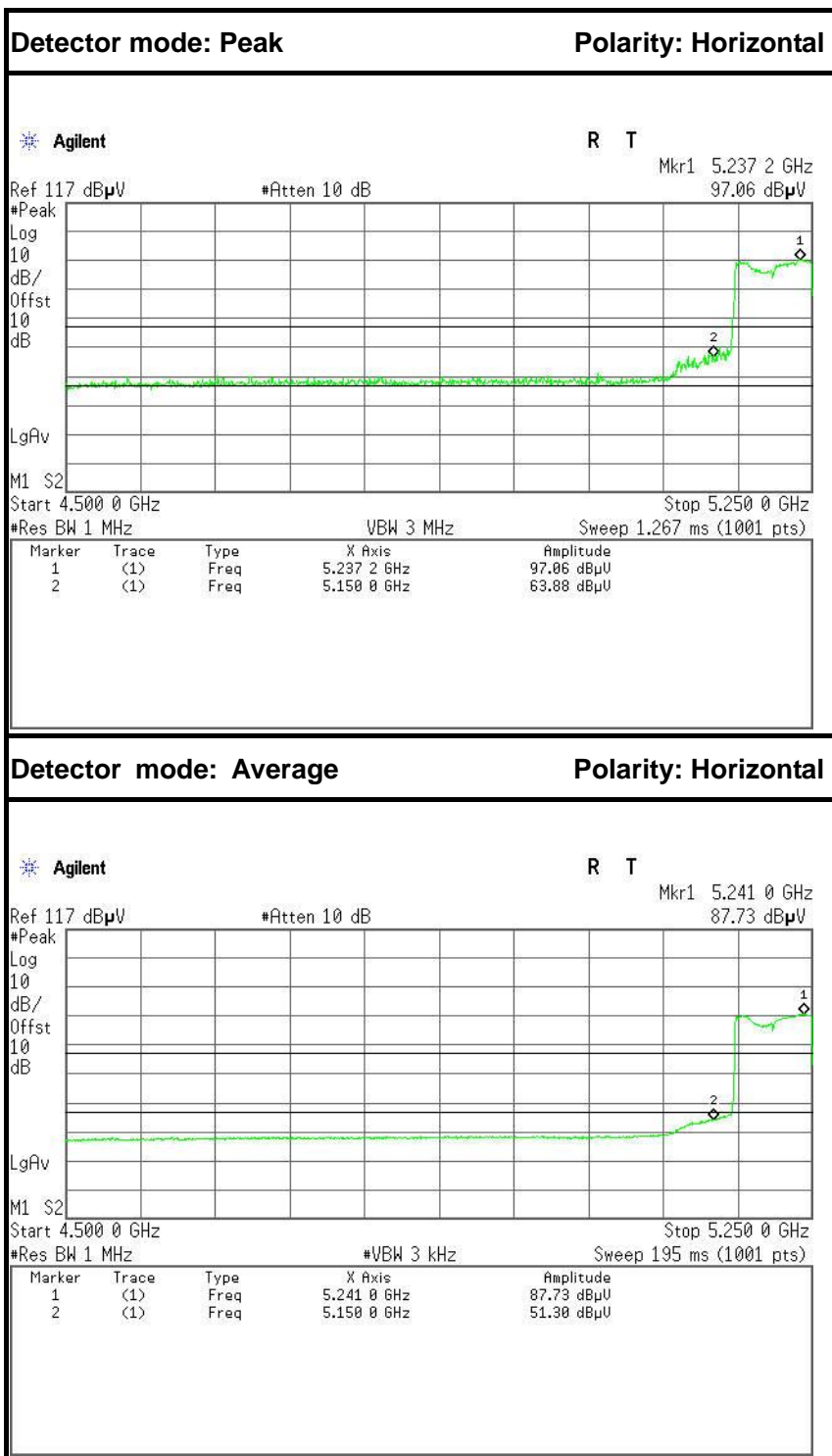
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	54.35	-6.60	60.95	74.00	-13.05	Peak	Horizontal
2	5350.0000	42.02	-6.60	48.62	54.00	-5.38	Average	Horizontal



IEEE 802.11ac 80 mode / 5210 MHz



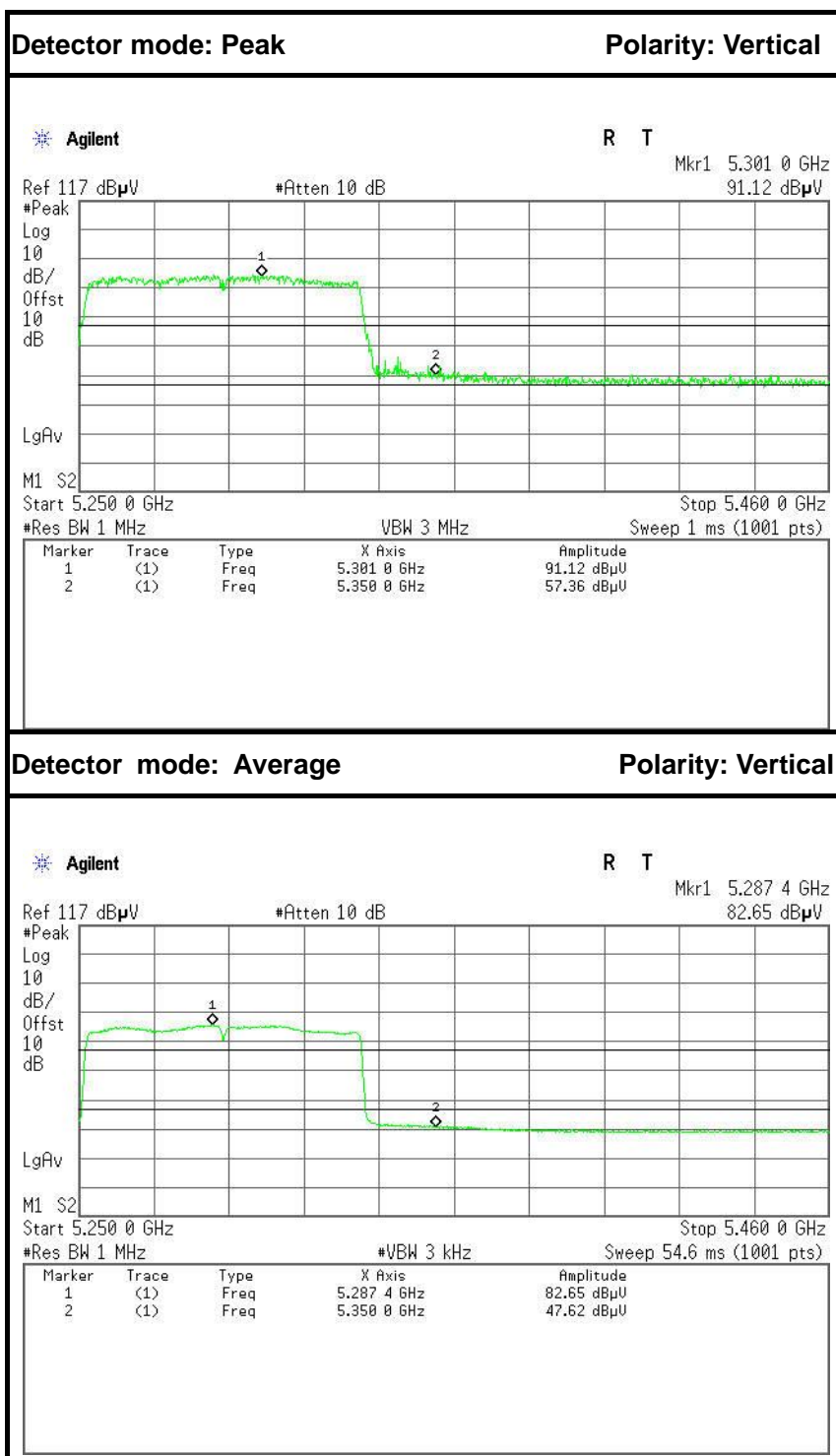
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	50.92	-6.60	57.52	74.00	-16.48	Peak	Vertical
2	5150.0000	42.91	-6.60	49.51	54.00	-4.49	Average	Vertical



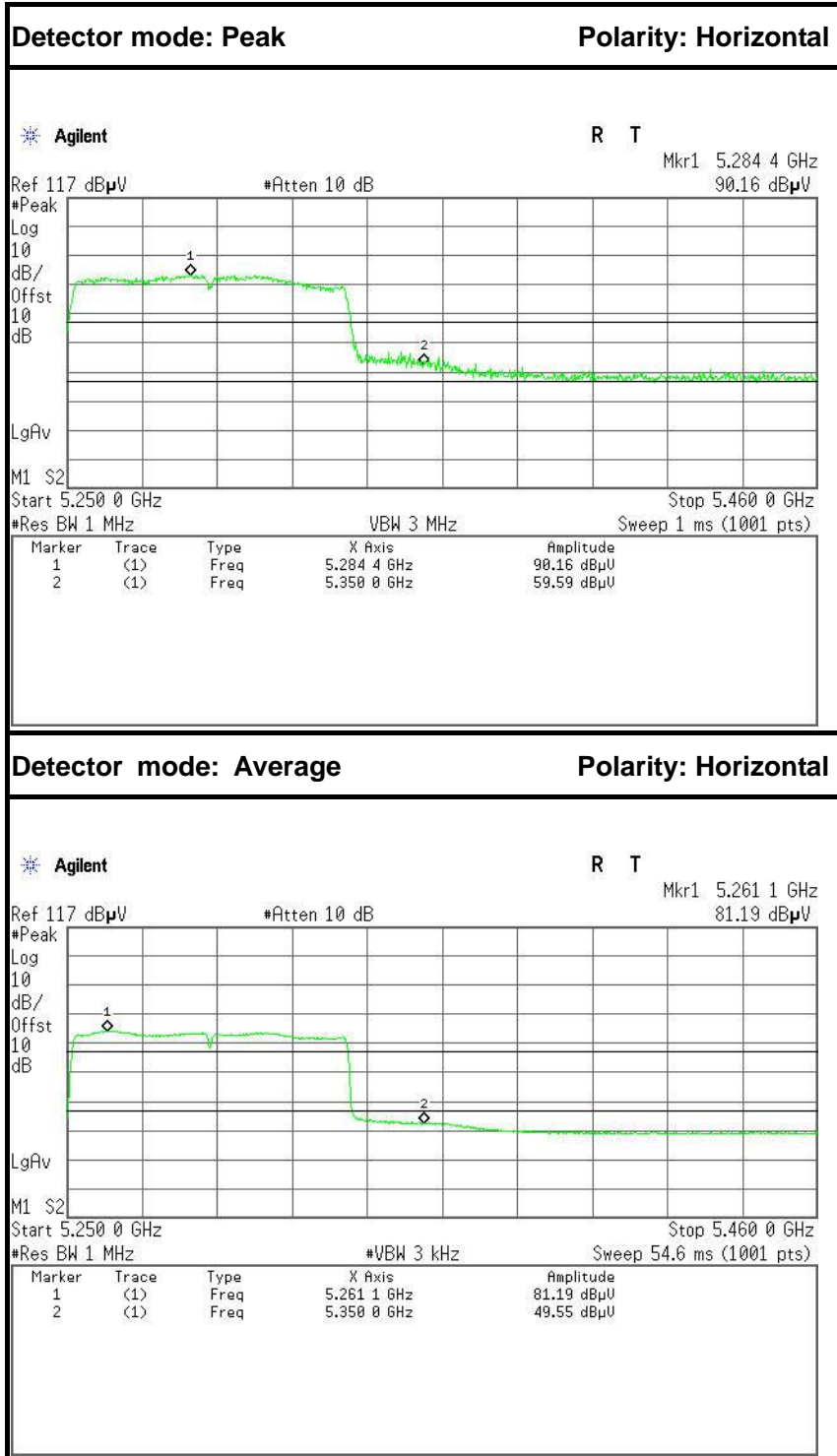
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	5150.0000	57.28	-6.60	63.88	74.00	-10.12	Peak	Horizontal
2	5150.0000	44.70	-6.60	51.30	54.00	-2.70	Average	Horizontal



IEEE 802.11ac 80 mode / 5290 MHz



No.	Frequency (MHz)	Reading (dBμV)	Corrected (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	50.76	-6.60	57.36	74.00	-16.64	Peak	Vertical
2	5350.0000	41.02	-6.60	47.62	54.00	-6.38	Average	Vertical



No.	Frequency (MHz)	Reading (dBμV)	Corrected (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Antenna Pole
1	5350.0000	52.99	-6.60	59.59	74.00	-14.41	Peak	Horizontal
2	5350.0000	42.95	-6.60	49.55	54.00	-4.45	Average	Horizontal

SS



6.6 PEAK POWER SPECTRAL DENSITY

6.6.1 LIMIT

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

- (1) (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).
- (2) (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.
- (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 30dBm 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.

If transmitting antennas of directional gain greater than 6dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

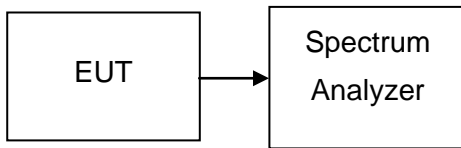
6.6.2 MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	02/28/2015	02/27/2016

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
Low	5180	-2.016	17	-19.016	PASS
Mid	5200	1.648		-15.352	PASS
High	5240	1.016		-15.984	PASS

IEEE 802.11a mode / 5260~ 5320MHz

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
Low	5260	-0.114	11	-11.114	PASS
Mid	5300	-0.553		-11.553	PASS
High	5320	0.360		-10.640	PASS

IEEE 802.11a mode / 5745 ~ 5825MHz

Channel	Frequency (MHz)	PPSD (dBm)	factor	Limit (dBm)	Margain	Result
Low	5745	1.517	-3.01	17	-18.493	PASS
Mid	5785	0.902	-3.01		-19.108	PASS
High	5825	2.134	-3.01		-17.876	PASS

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

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

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
Low	5180	-0.389	17	-17.389	PASS
Mid	5200	0.809		-16.191	PASS
High	5240	-0.150		-17.150	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
Low	5260	-0.683	11	-11.683	PASS
Mid	5300	-0.388		-11.388	PASS
High	5320	-0.503		-11.503	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)	factor	Limit (dBm)	Margain	Result
Low	5745	0.908	-3.01	17	-19.102	PASS
Mid	5785	0.769	-3.01		-19.241	PASS
High	5825	1.481	-3.01		-18.529	PASS

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

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

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
Low	5190	-3.643	17	-20.643	PASS
High	5230	-4.048		-21.048	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
Low	5270	-4.348	11	-15.348	PASS
High	5310	-5.049		-16.049	PASS

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

Channel	Frequency (MHz)	PPSD (dBm)	factor	Limit (dBm)	Margain	Result
Low	5755	-2.251	-3.01	17	-22.261	PASS
High	5795	-3.119	-3.01		-23.129	PASS

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

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

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
	5210	-8.100	17	-25.100	PASS

IEEE 802.11ac 80 mode / 5290MHz

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margain	Result
	5290	-9.780	11	-20.780	PASS

IEEE 802.11ac 80 mode / 5775MHz

Channel	Frequency (MHz)	PPSD (dBm)	factor	Limit (dBm)	Margain	Result
	5775	-7.523	-3.01	17	-27.533	PASS

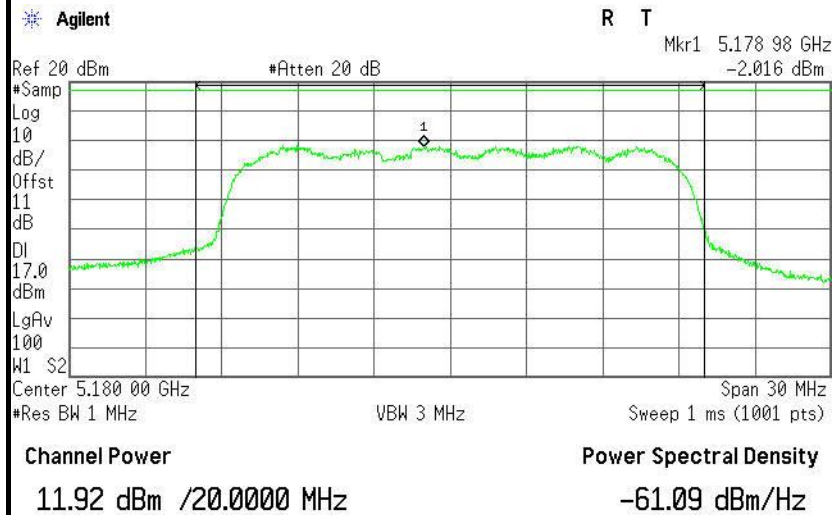
Remark: factor = $10 \cdot \log_{10}(500/\text{RBW})$



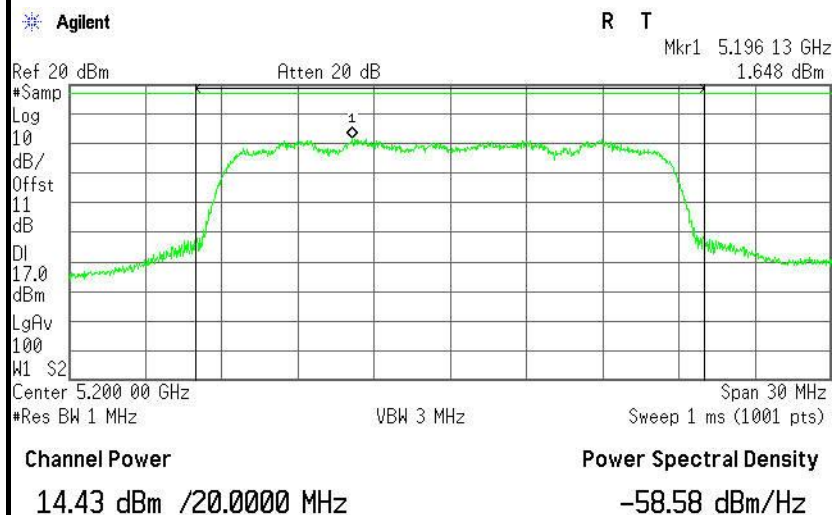
Test Plot

IEEE 802.11a mode / 5180 ~ 5240MHz

PPSD (CH Low)

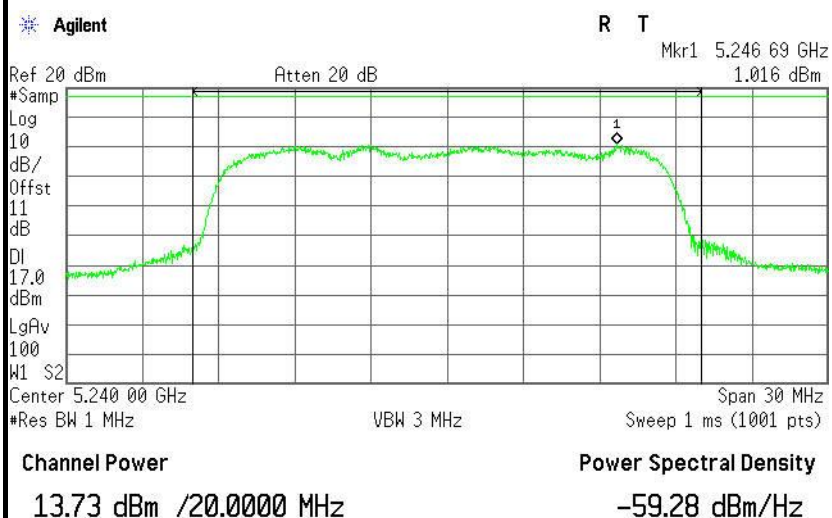


PPSD (CH Mid)



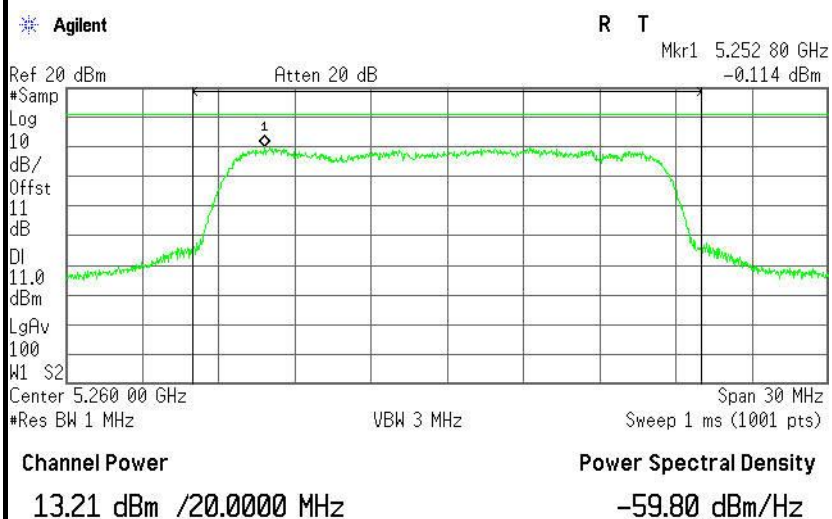


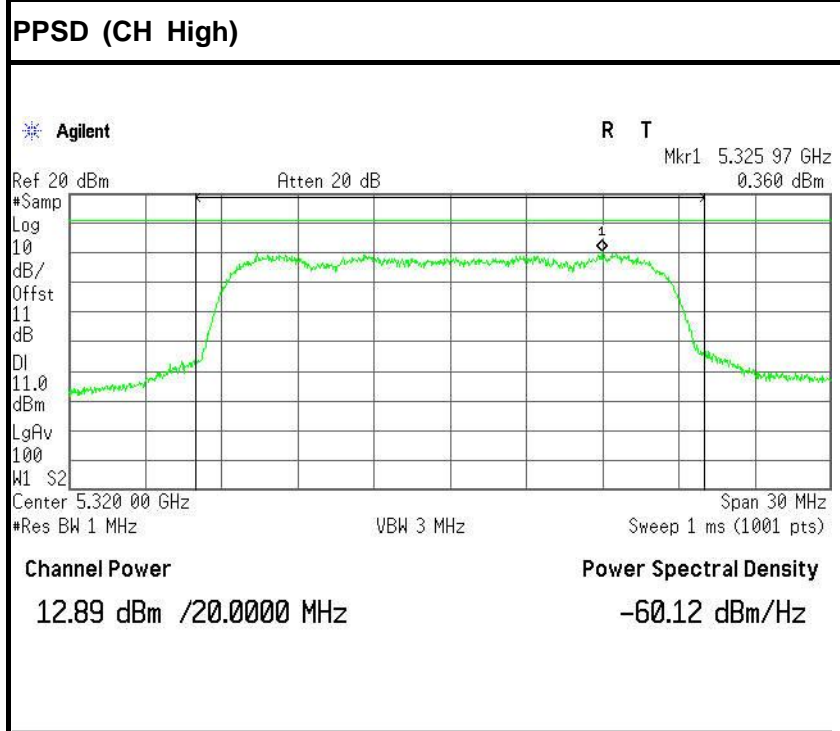
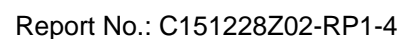
PPSD (CH High)



IEEE 802.11a mode / 5260~ 5320MHz

PPSD (CH Low)

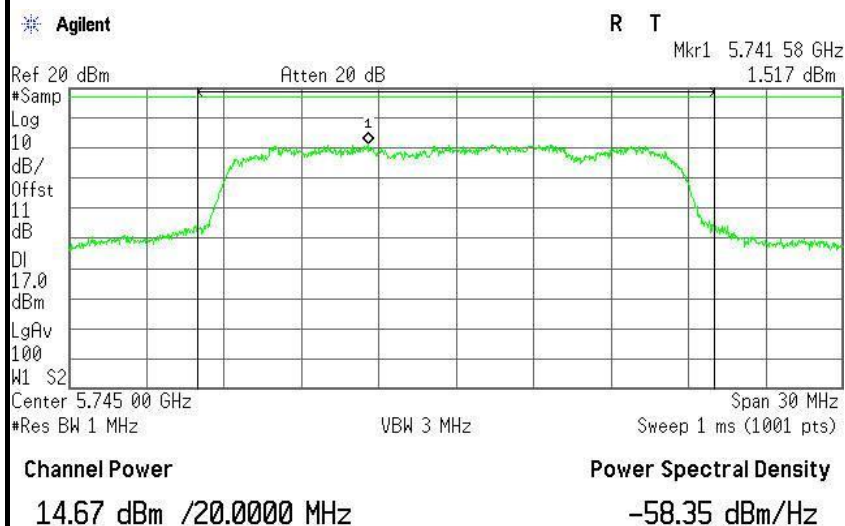




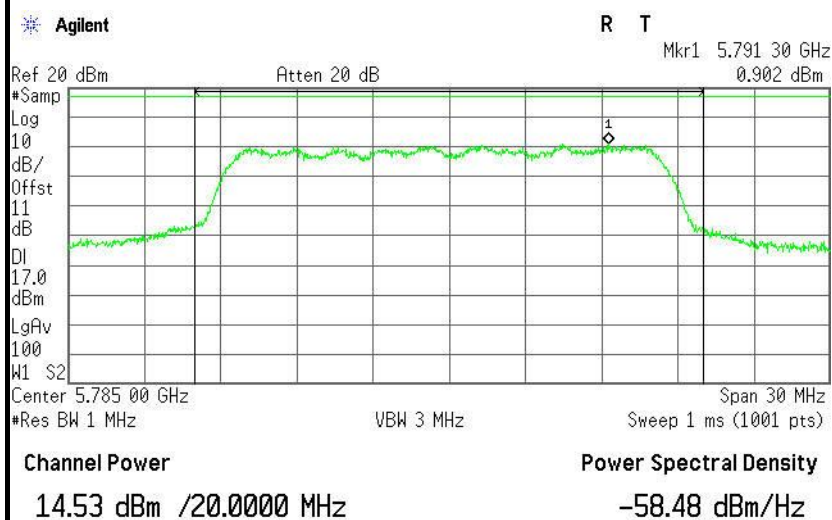


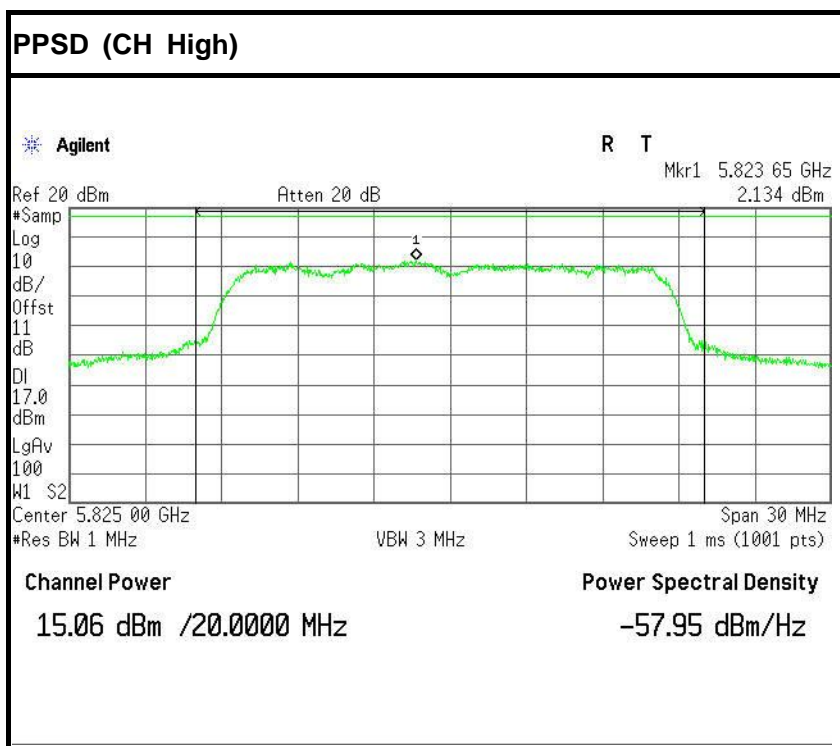
IEEE 802.11a mode / 5745 ~ 5825MHz

PPSD (CH Low)



PPSD (CH Mid)

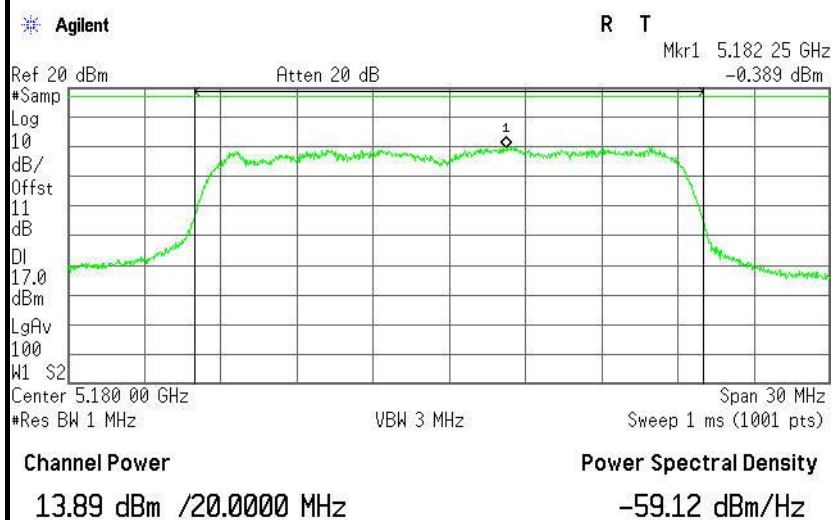




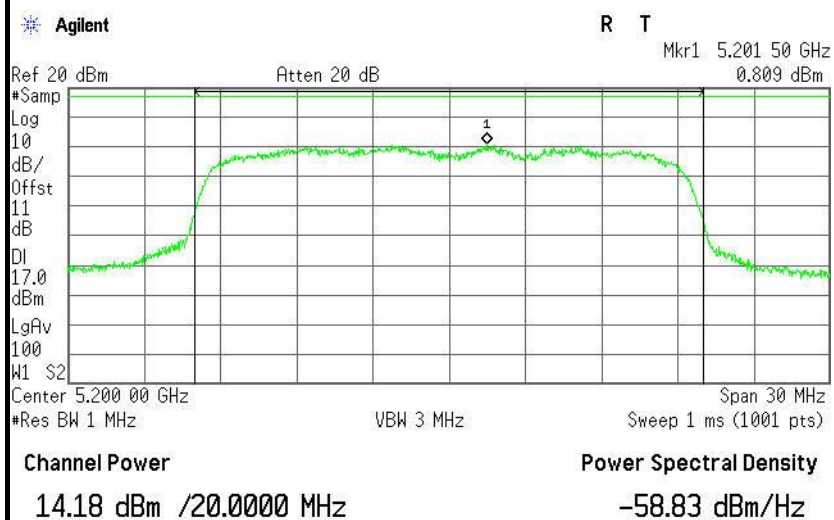


IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz

PPSD (CH Low)

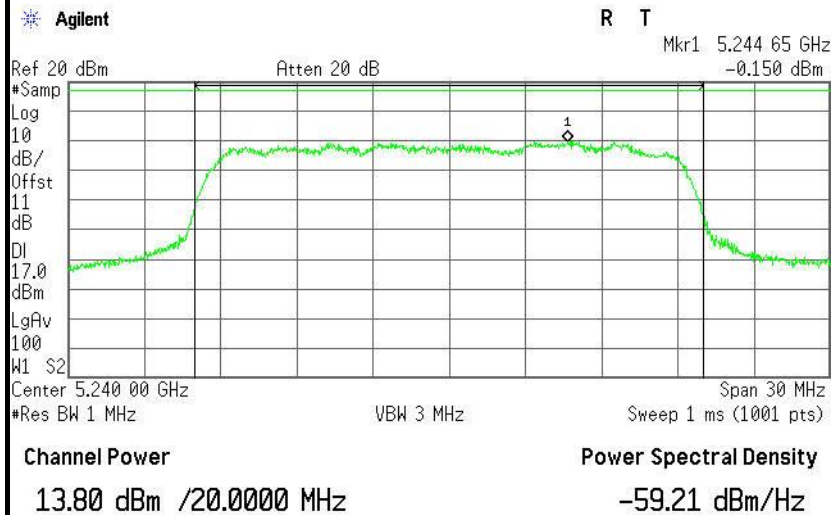


PPSD (CH Mid)



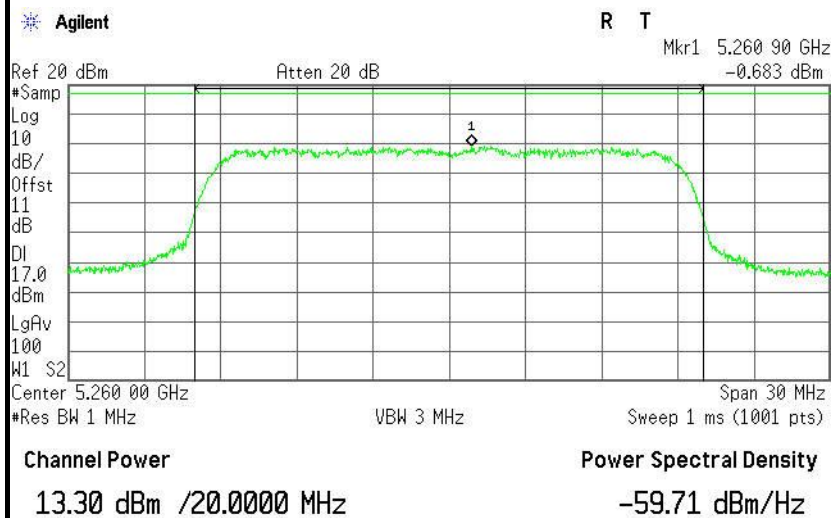


PPSD (CH High)



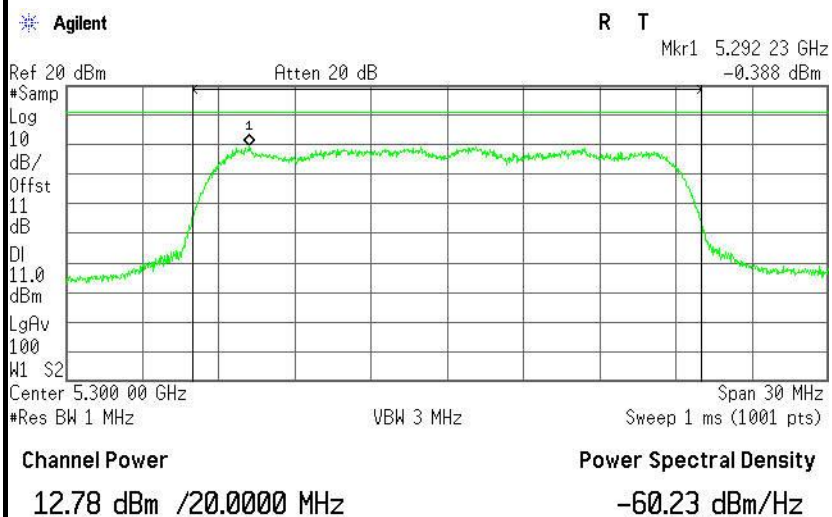
IEEE 802.11n HT 20 MHz mode / 5260~ 5320MHz

PPSD (CH Low)

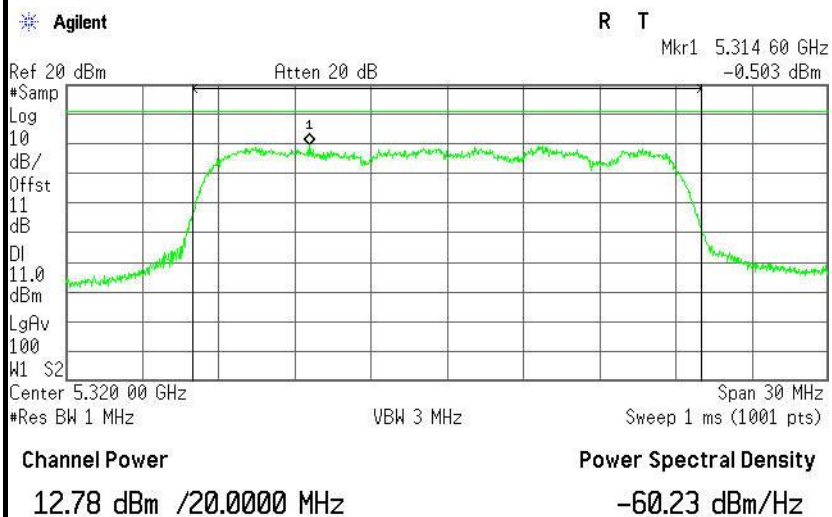




PPSD (CH Mid)



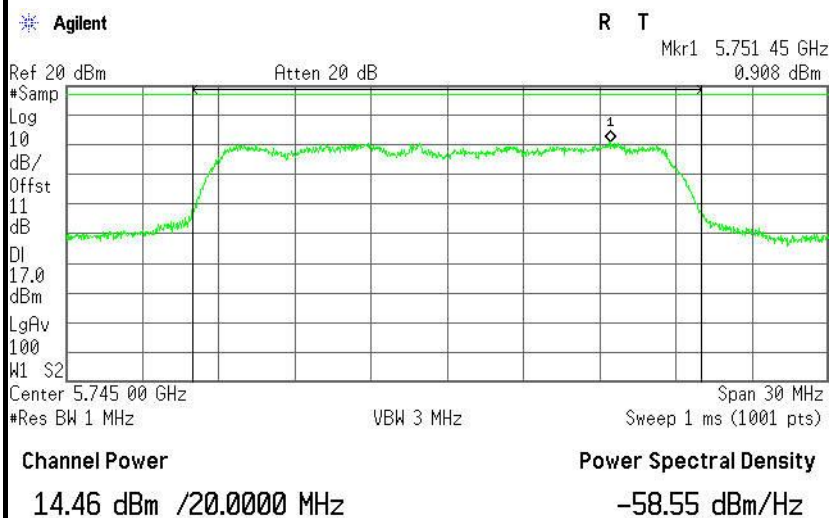
PPSD (CH High)



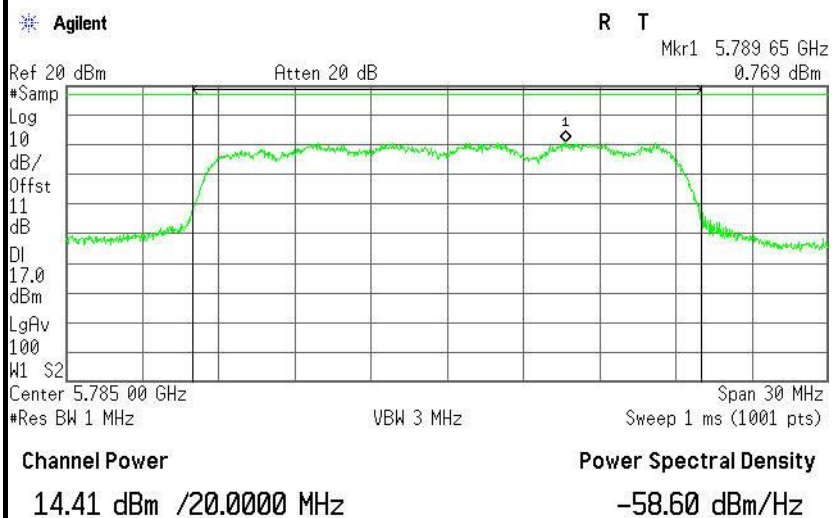


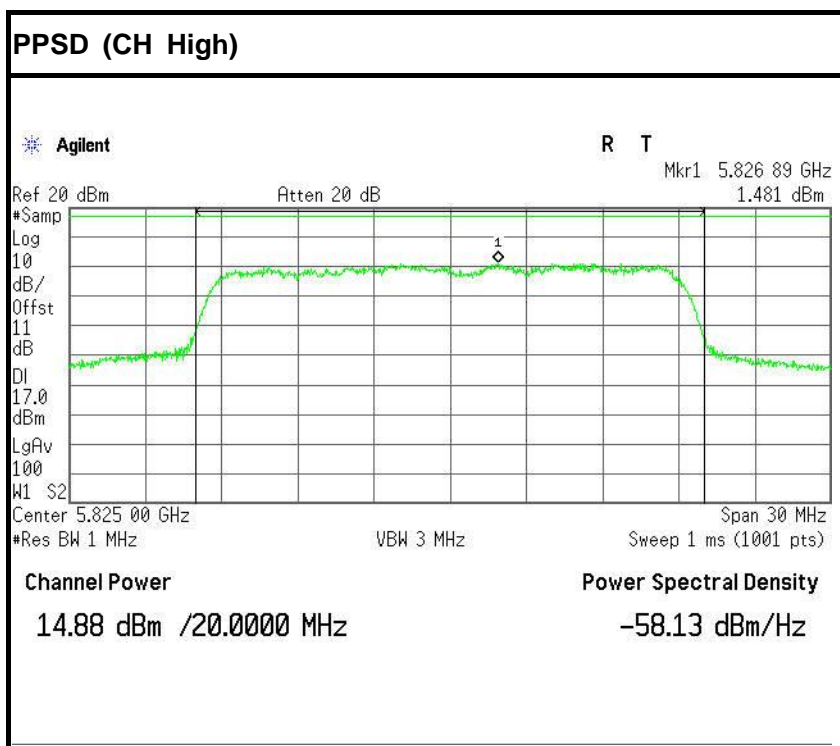
IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz

PPSD (CH Low)



PPSD (CH Mid)

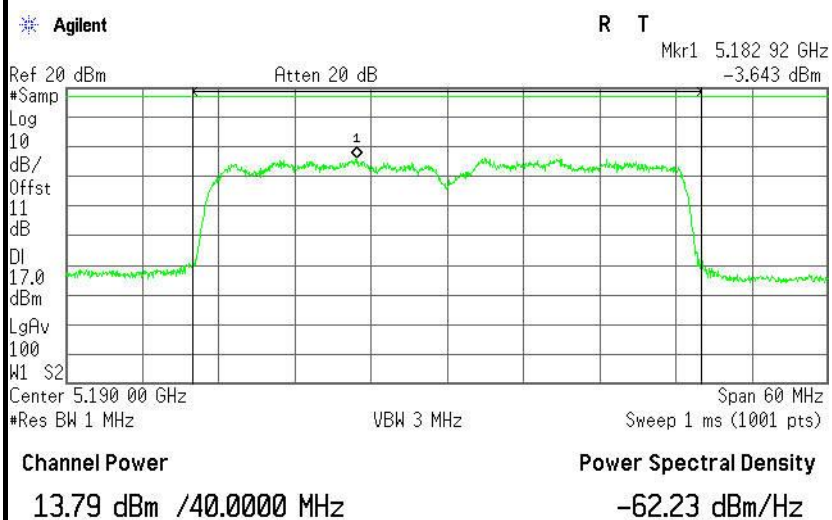




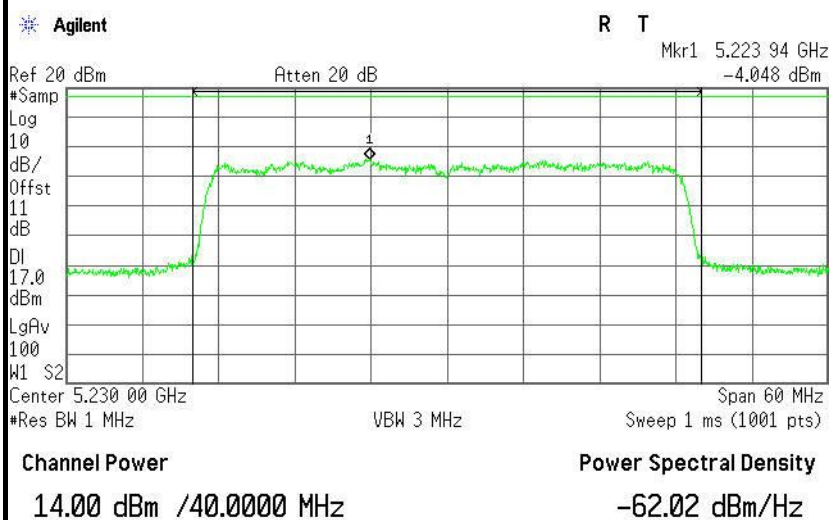


IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz

PPSD (CH Low)



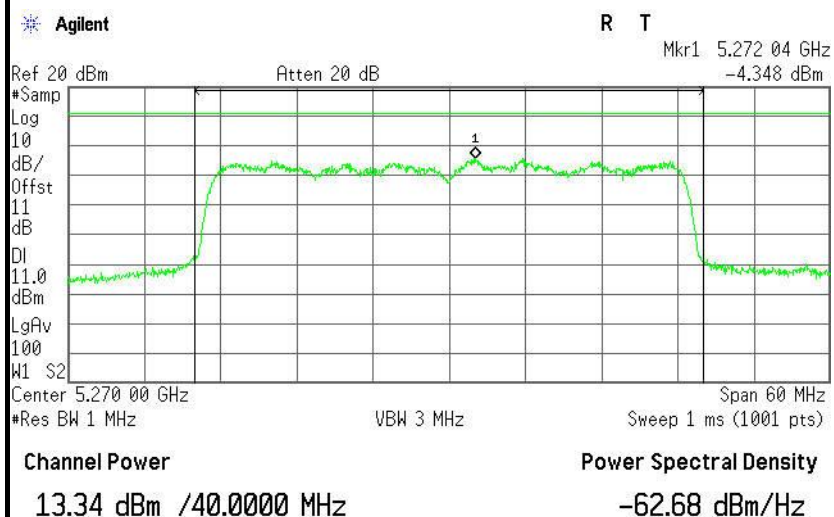
PPSD (CH High)



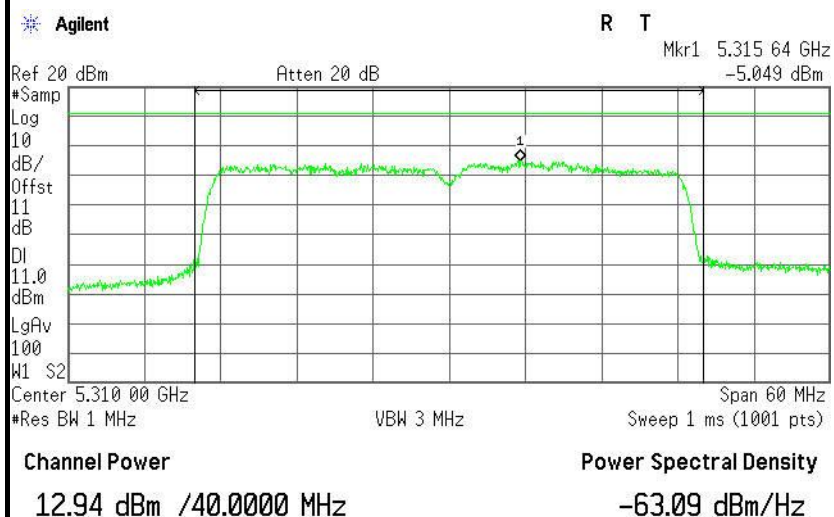


IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz

PPSD (CH Low)



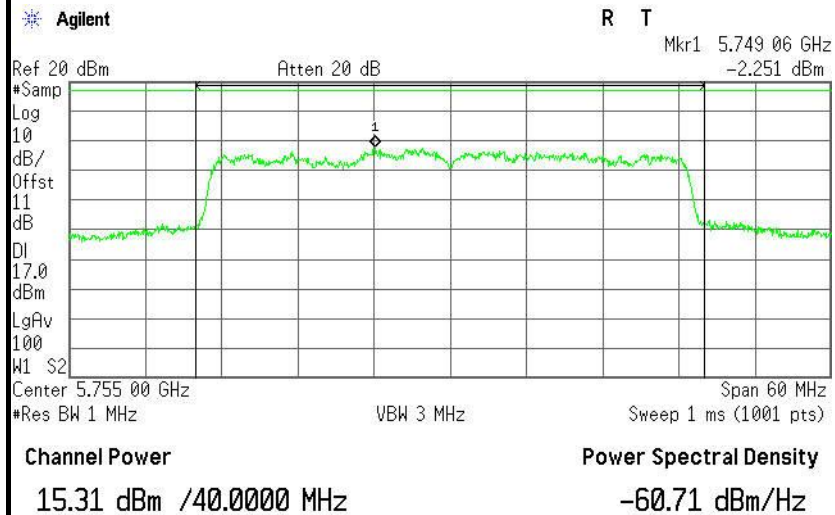
PPSD (CH High)



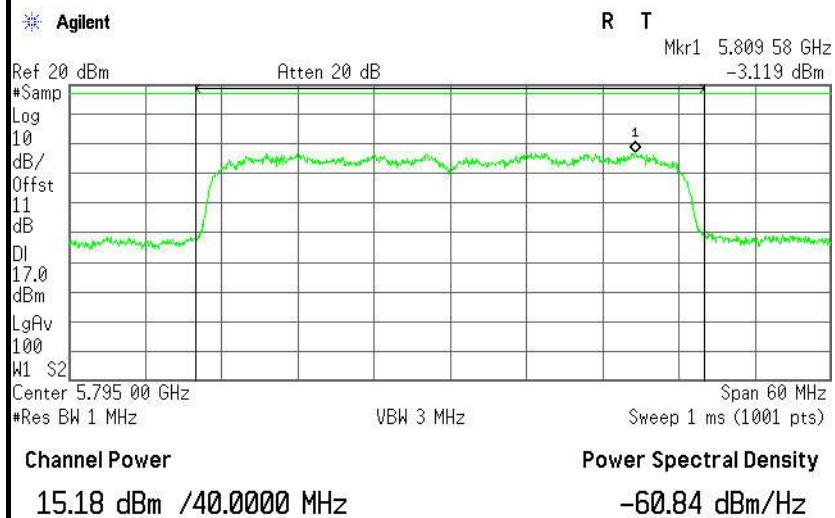


IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz

PPSD (CH Low)



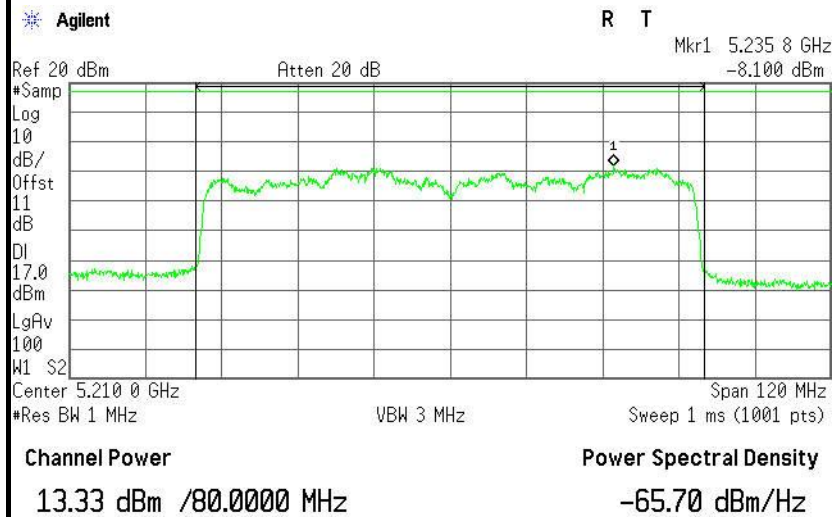
PPSD (CH High)





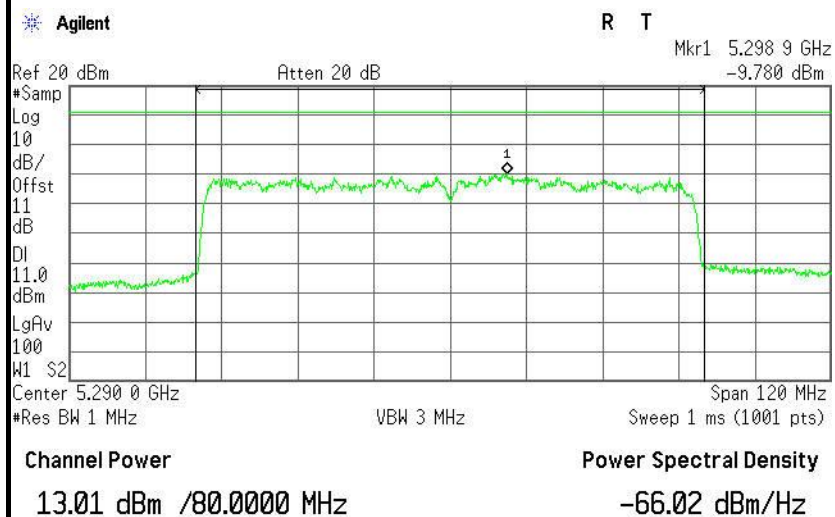
IEEE 802.11ac 80 mode / 5210MHz

PPSD



IEEE 802.11ac 80 mode / 5290MHz

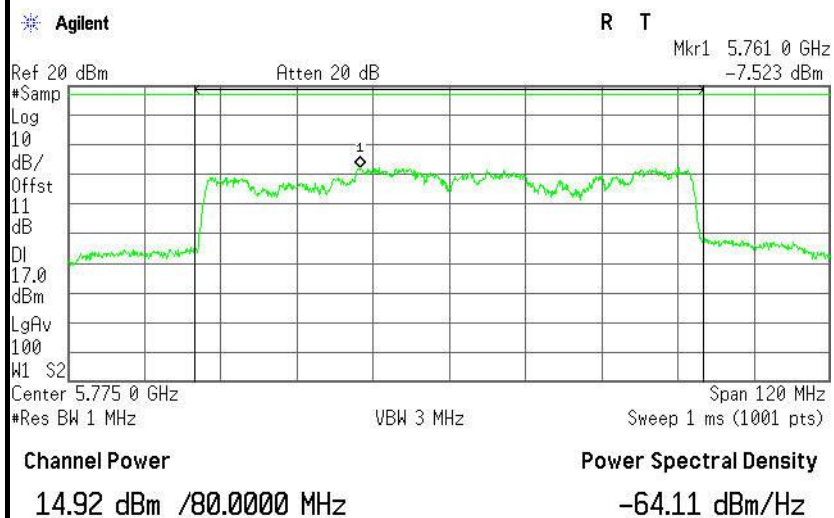
PPSD





IEEE 802.11ac 80 mode / 5775MHz

PPSD





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 (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

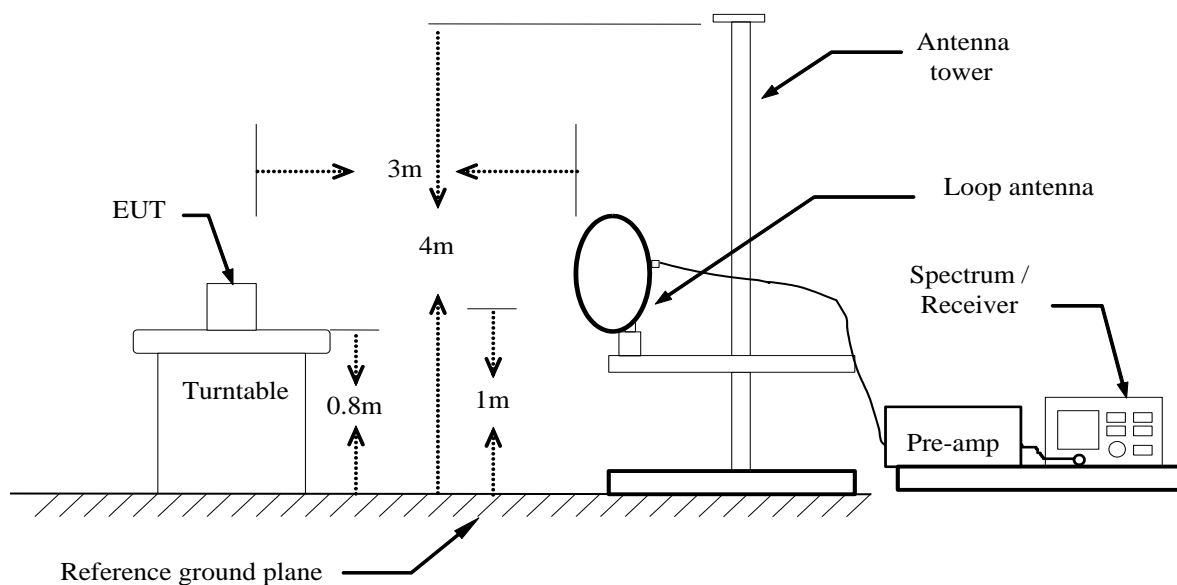


6.7.2 TEST INSTRUMENTS

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	02/28/2015	02/27/2016
EMI TEST RECEIVER		ROHDE&SCHWARZ	ESCI	100783	02/28/2015	02/27/2016
Amplifier		MITEQ	AM-1604-3000	1123808	03/18/2015	03/18/2016
High Noise Amplifier		Agilent	8449B	3008A01838	02/28/2015	02/27/2016
Board-Band Horn Antenna		Schwarzbeck	BBHA 9170	9170-497	02/28/2015	02/27/2016
Bilog Antenna		SCHAFFNER	CBL6143	5082	02/28/2015	02/27/2016
Horn Antenna		SCHWARZBECK	BBHA9120	D286	02/28/2015	02/27/2016
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	02/28/2015	02/27/2016
Antenna Tower		SUNOL	TLT2	N/A	N.C.R	N.C.R
Test S/W		FARAD	LZ-RF / CCS-SZ-3A2			

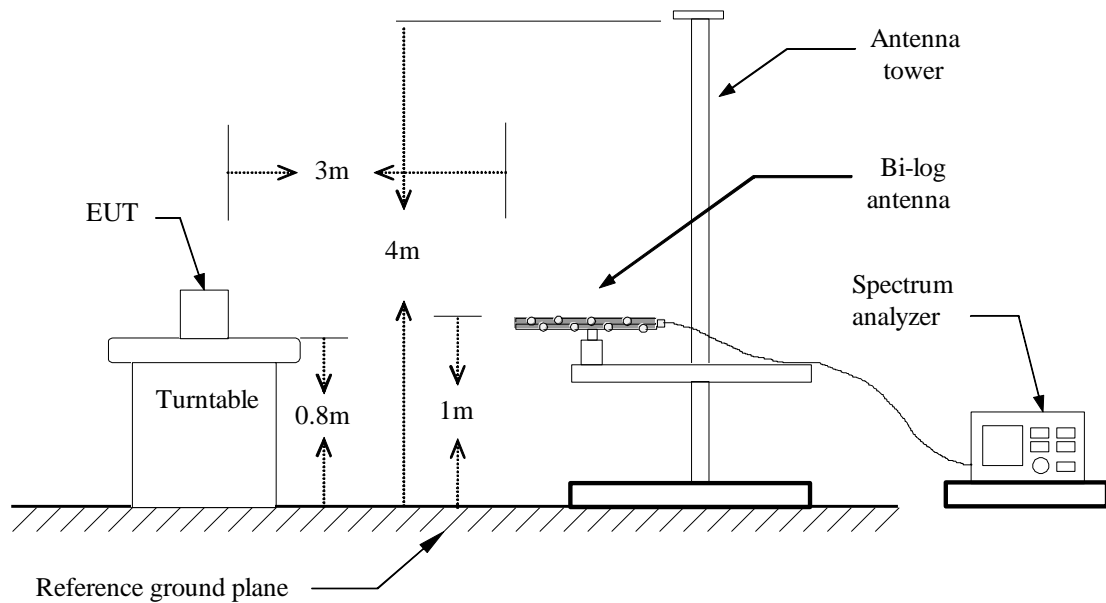
6.7.3 TEST CONFIGURATION

Below 30MHz

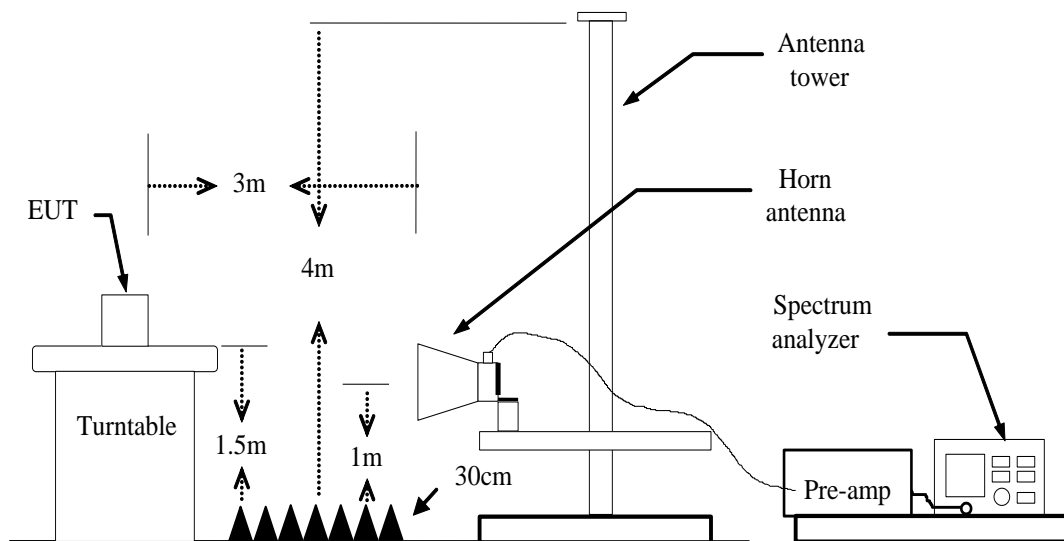




Below 1 GHz



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=1 / VBW=3MHz / Sweep=AUTO

(b) AVERAGE: RBW=1MHz / VBW=750Hz / 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:** AD Gan**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** January 5, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
151.2500	56.72	-21.86	34.86	43.50	-8.64	V	QP
250.1900	44.61	-21.06	23.55	46.00	-22.45	V	QP
398.6000	48.96	-16.14	32.82	46.00	-13.18	V	QP
424.7900	44.81	-15.50	29.31	46.00	-16.69	V	QP
566.4100	42.44	-13.11	29.33	46.00	-16.67	V	QP
792.4200	43.44	-11.16	32.28	46.00	-13.72	V	QP
137.6700	59.65	-21.13	38.52	43.50	-4.98	H	QP
150.2800	58.37	-21.78	36.59	43.50	-6.91	H	QP
392.7800	53.48	-16.34	37.14	46.00	-8.86	H	QP
566.4100	42.52	-13.11	29.41	46.00	-16.59	H	QP
792.4200	47.11	-11.16	35.95	46.00	-10.05	H	QP
960.2300	43.25	-8.69	34.56	54.00	-19.44	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****Test Mode:** TX / IEEE 802.11a / 5180MHz /(CH Low)**Tested by:** AD Gan**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** January 5, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.51	9.17	40.68	74.00	-33.32	V	peak
8532.000	31.55	9.36	40.91	74.00	-33.09	V	peak
9360.000	31.07	10.14	41.21	74.00	-32.79	V	peak
10272.000	31.08	12.82	43.90	74.00	-30.10	V	peak
10740.000	30.58	14.27	44.85	74.00	-29.15	V	peak
11856.000	31.14	14.70	45.84	74.00	-28.16	V	peak
6972.000	31.79	7.65	39.44	74.00	-34.56	H	Peak
7752.000	31.43	9.17	40.60	74.00	-33.40	H	Peak
8340.000	31.43	9.46	40.89	74.00	-33.11	H	Peak
9708.000	30.81	11.14	41.95	74.00	-32.05	H	peak
10524.000	30.94	13.60	44.54	74.00	-29.46	H	peak
10992.000	30.25	15.06	45.31	74.00	-28.69	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. $\text{Margin (dB)} = \text{Remark result (dBuV/m)} - \text{Average limit (dBuV/m)}$.

**Test Mode:** TX / IEEE 802.11a / 5200MHz /(CH Mid)**Tested by:** AD Gan**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** January 5, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7200.000	31.31	8.09	39.40	74.00	-34.60	V	peak
7752.000	31.38	9.17	40.55	74.00	-33.45	V	peak
8412.000	31.84	9.42	41.26	74.00	-32.74	V	peak
9612.000	31.31	10.86	42.17	74.00	-31.83	V	peak
10080.000	31.58	12.23	43.81	74.00	-30.19	V	peak
11304.000	30.64	14.95	45.59	74.00	-28.41	V	peak
6948.000	31.68	7.62	39.30	74.00	-34.70	H	Peak
7752.000	31.51	9.17	40.68	74.00	-33.32	H	Peak
8364.000	31.49	9.45	40.94	74.00	-33.06	H	Peak
9264.000	31.27	9.86	41.13	74.00	-32.87	H	peak
10032.000	31.68	12.08	43.76	74.00	-30.24	H	peak
11316.000	30.48	14.94	45.42	74.00	-28.58	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. $\text{Margin (dB)} = \text{Remark result (dBuV/m)} - \text{Average limit (dBuV/m)}$.



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

Tested by: AD Gan

Ambient temperature: 24°C

Relative humidity: 52% RH

Date: January 5, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	31.80	7.62	39.42	74.00	-34.58	V	peak
7740.000	31.56	9.14	40.70	74.00	-33.30	V	peak
8352.000	31.58	9.46	41.04	74.00	-32.96	V	peak
9492.000	30.66	10.52	41.18	74.00	-32.82	V	peak
10044.000	31.54	12.12	43.66	74.00	-30.34	V	peak
10500.000	30.47	13.53	44.00	74.00	-30.00	V	peak
6972.000	31.53	7.65	39.18	74.00	-34.82	H	Peak
7740.000	31.24	9.14	40.38	74.00	-33.62	H	Peak
8352.000	31.60	9.46	41.06	74.00	-32.94	H	Peak
9384.000	31.09	10.21	41.30	74.00	-32.70	H	peak
10296.000	31.25	12.90	44.15	74.00	-29.85	H	peak
10500.000	30.77	13.53	44.30	74.00	-29.70	H	peak

Remark:

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

**Test Mode:** TX / IEEE 802.11a / 5260MHz /(CH Low)**Tested by:** AD Gan**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** January 5, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6960.000	31.55	7.64	39.19	74.00	-34.81	V	peak
7752.000	31.40	9.17	40.57	74.00	-33.43	V	peak
8376.000	31.44	9.44	40.88	74.00	-33.12	V	peak
9192.000	31.47	9.65	41.12	74.00	-32.88	V	peak
10164.000	31.16	12.49	43.65	74.00	-30.35	V	peak
11040.000	30.18	15.06	45.24	74.00	-28.76	V	peak
6972.000	31.39	7.65	39.04	74.00	-34.96	H	Peak
7728.000	31.82	9.12	40.94	74.00	-33.06	H	Peak
8352.000	31.62	9.46	41.08	74.00	-32.92	H	Peak
9312.000	31.27	10.00	41.27	74.00	-32.73	H	peak
9612.000	30.97	10.86	41.83	74.00	-32.17	H	peak
11220.000	30.22	14.98	45.20	74.00	-28.80	H	peak

Remark:

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