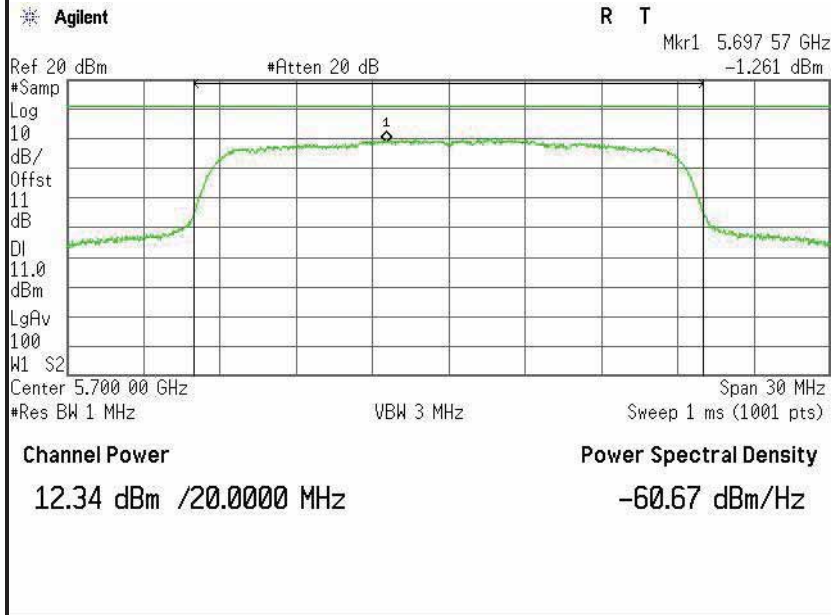


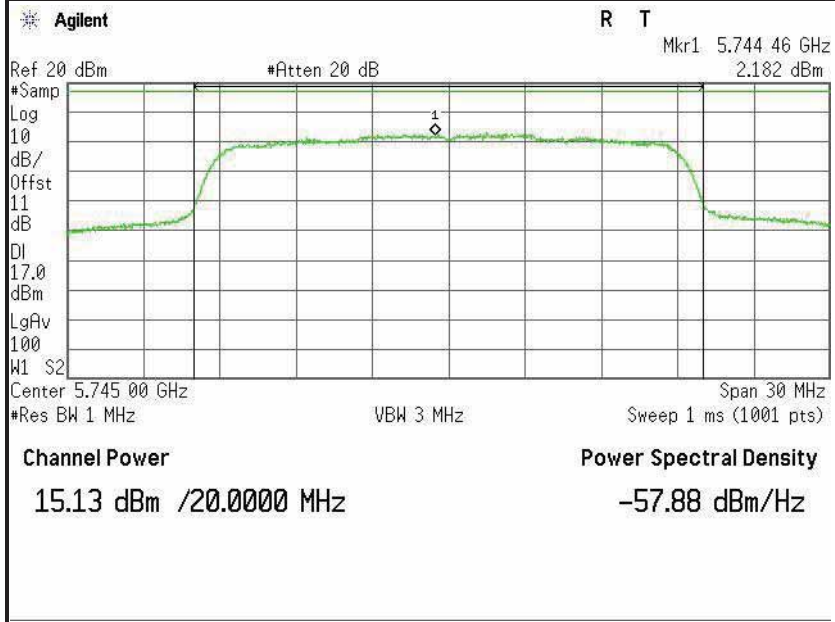


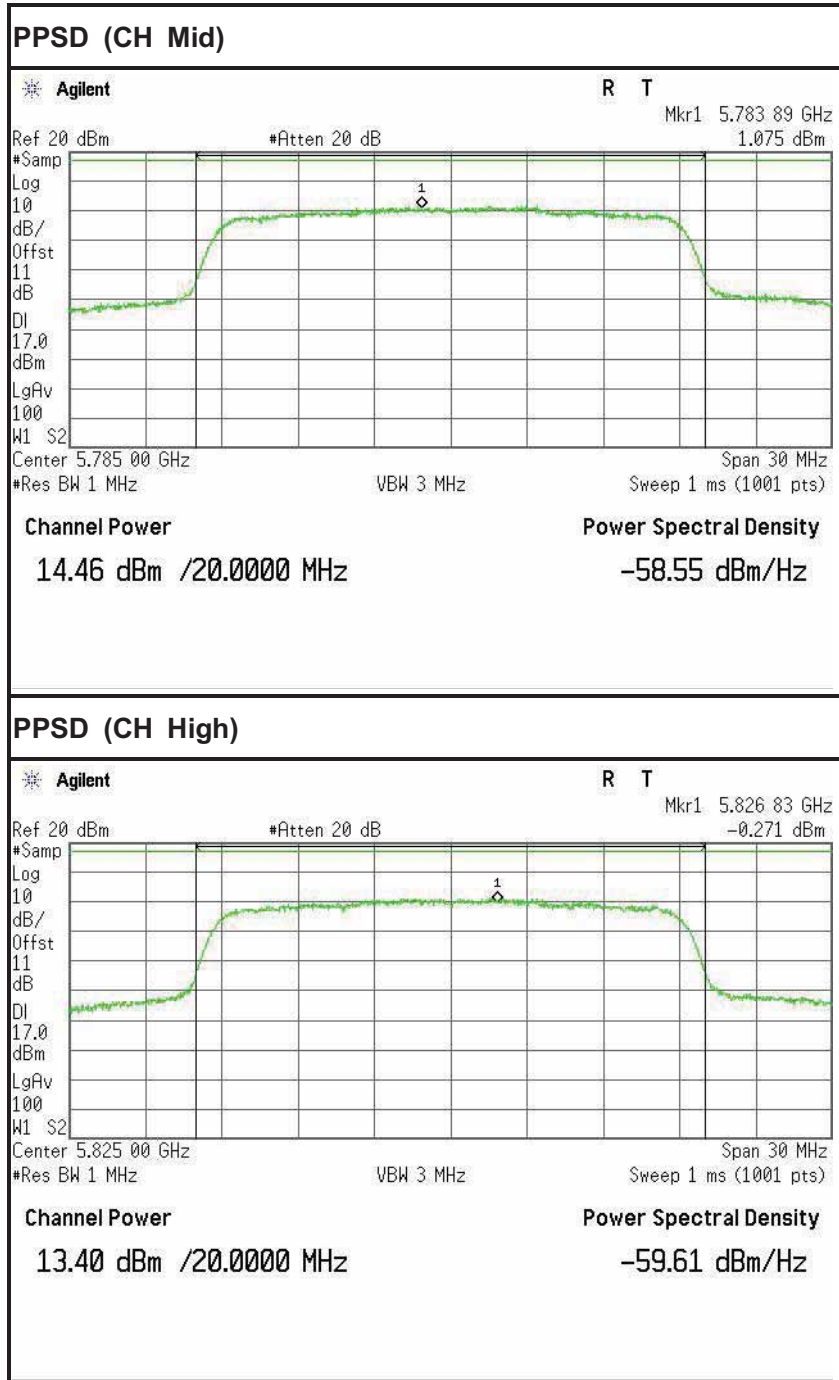
PPSD (CH High)



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

PPSD (CH Low)

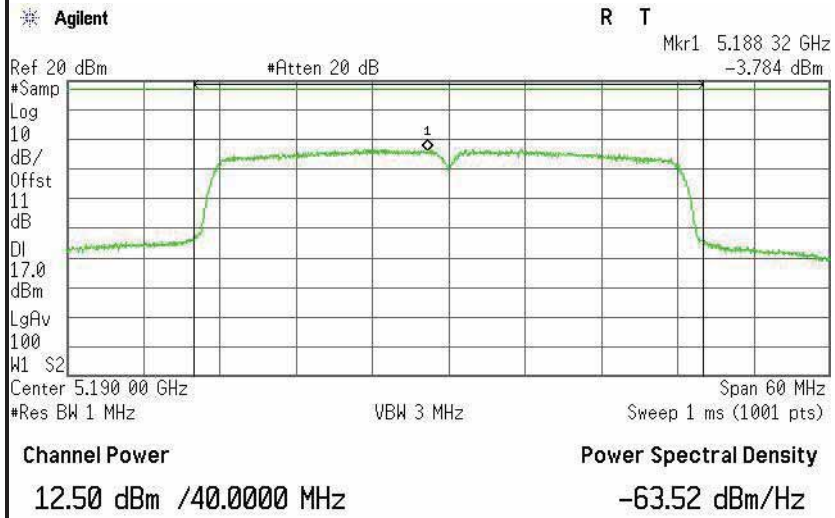




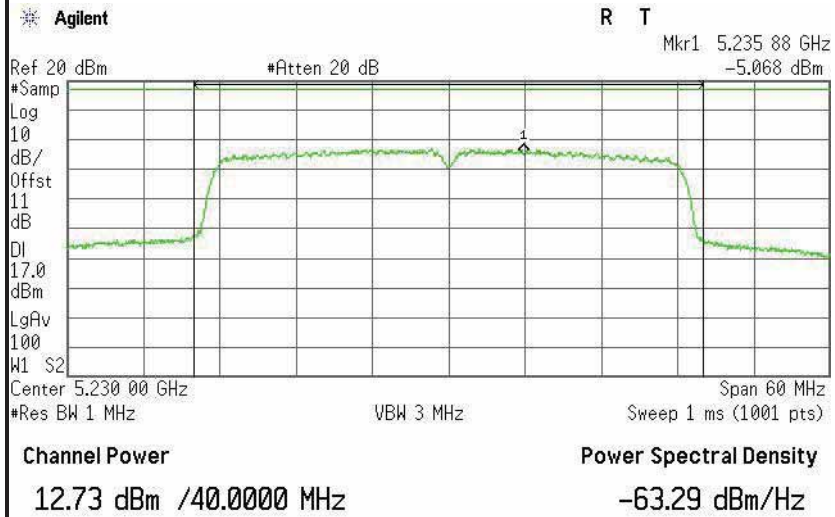


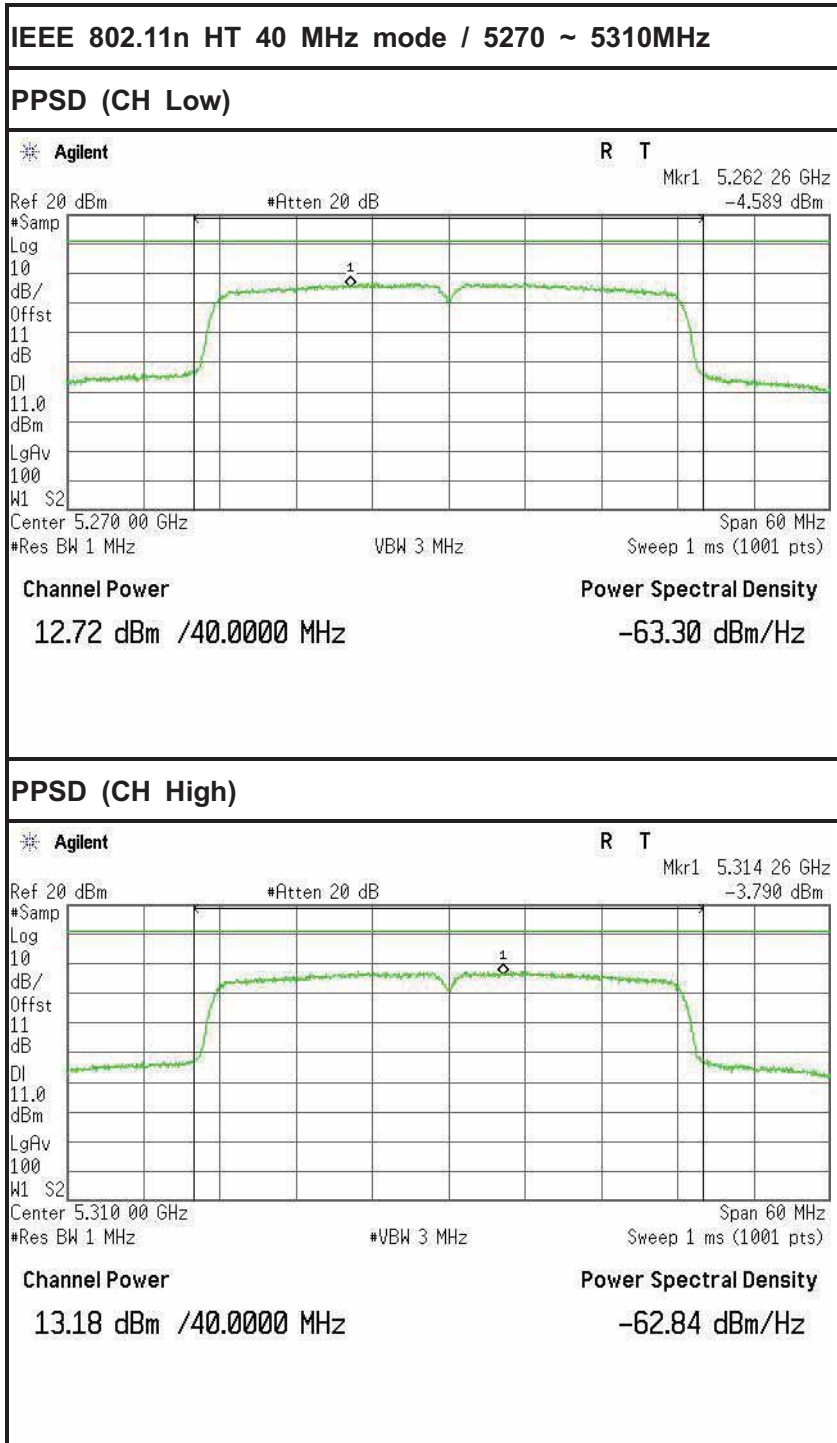
IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz

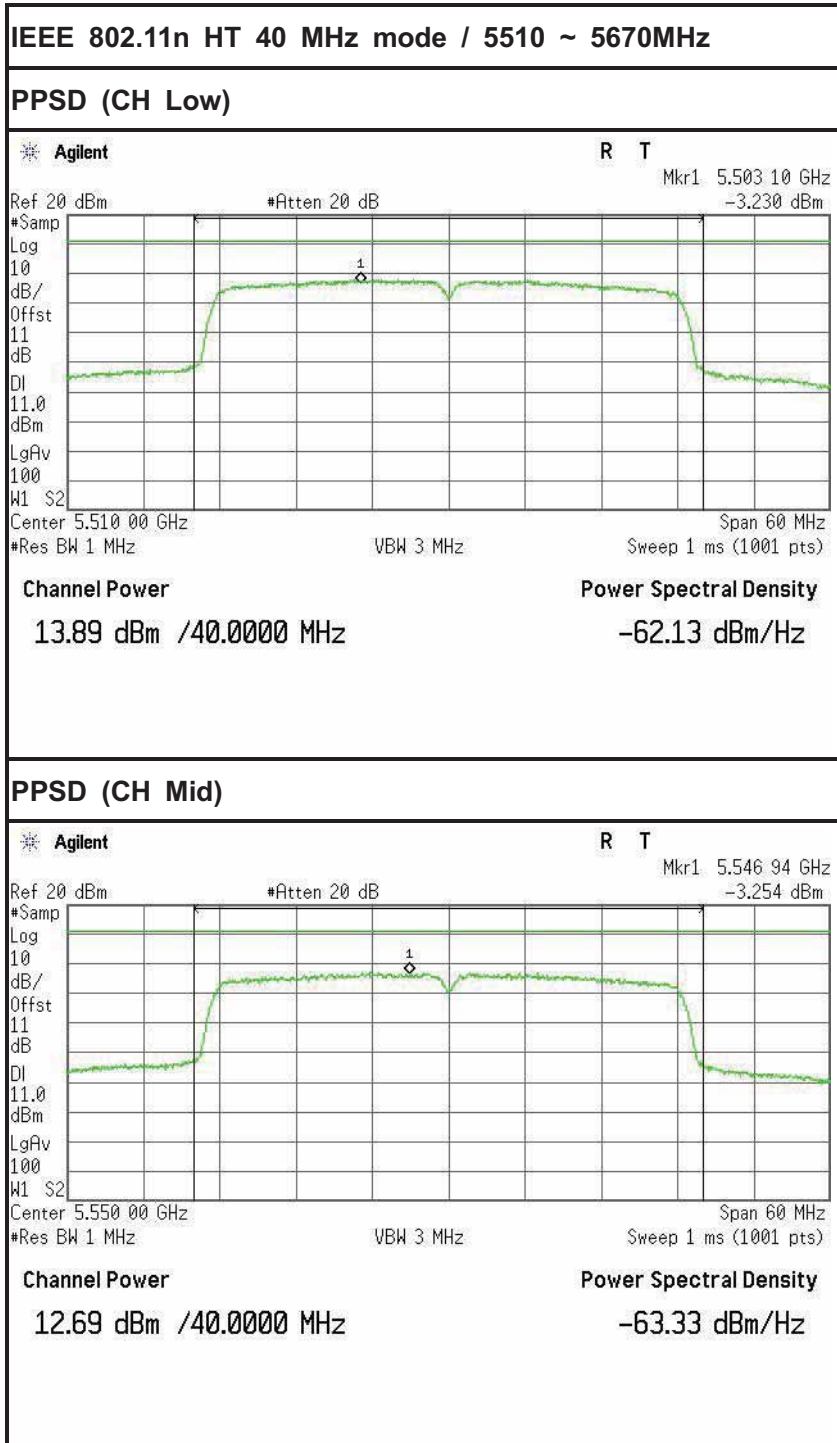
PPSD (CH Low)

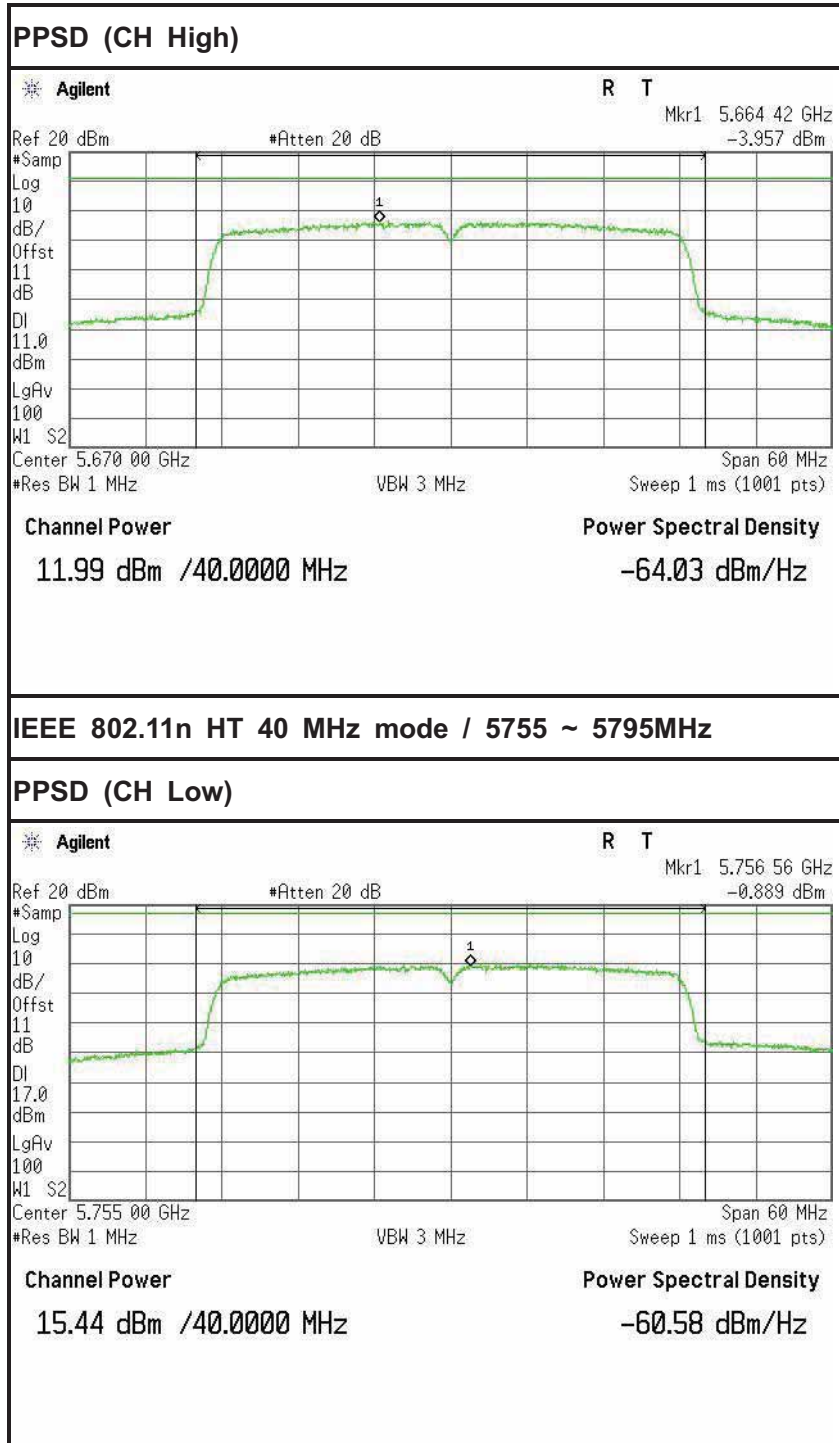


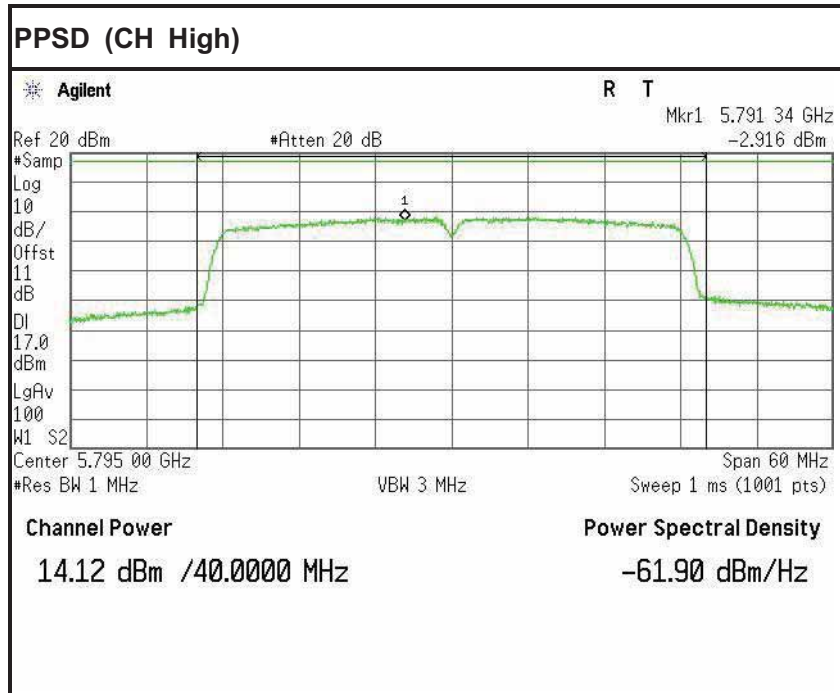
PPSD (CH High)













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 (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

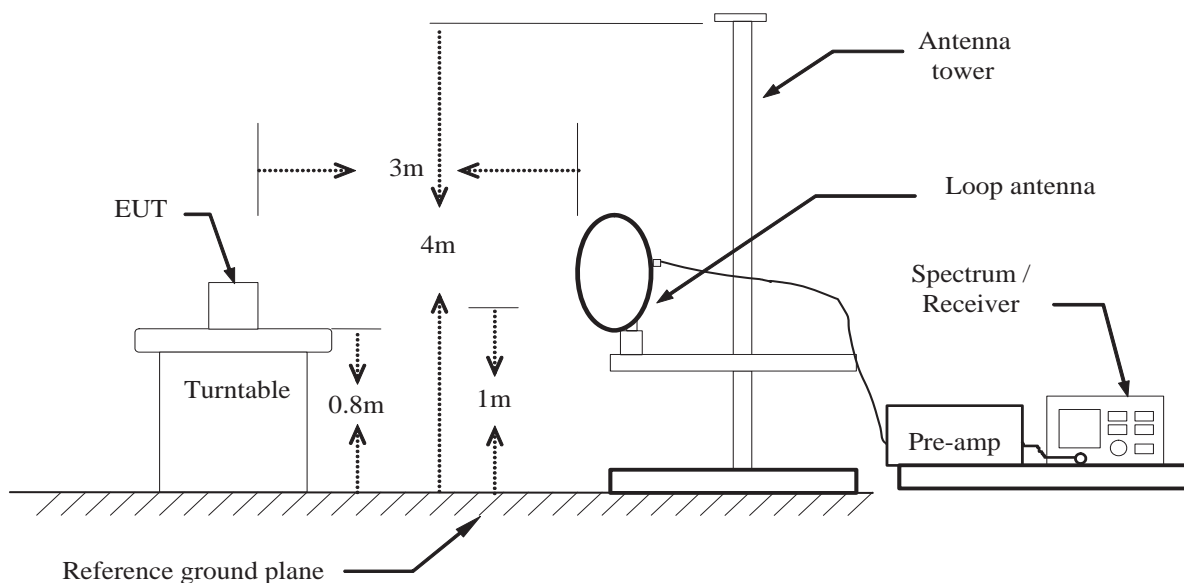


6.7.2 TEST INSTRUMENTS

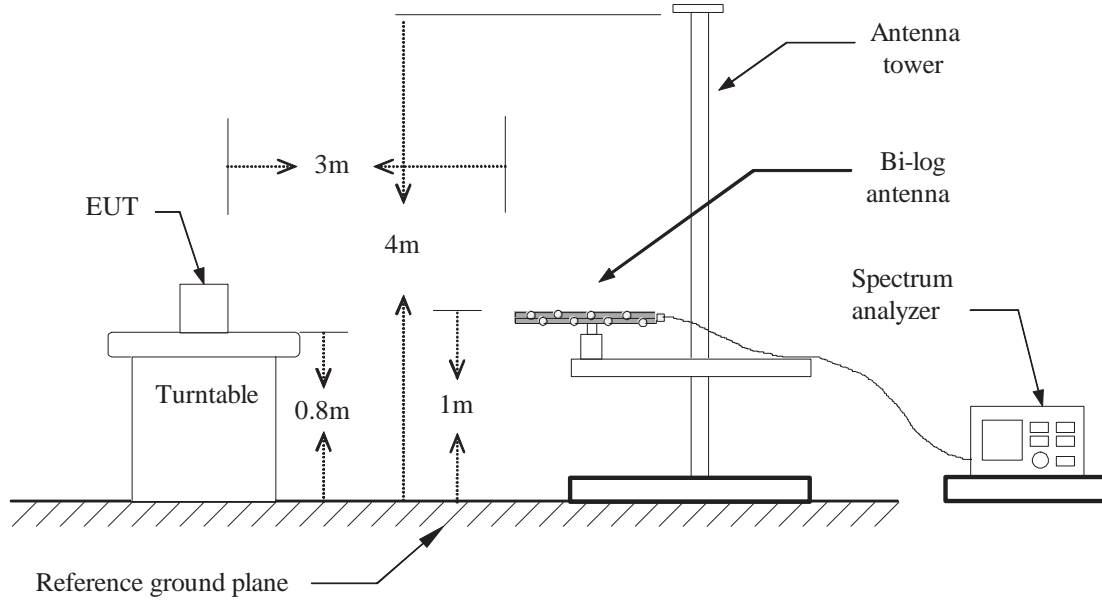
Radiated Emission Test Site 966(2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2016	02/20/2017
Amplifier	MITEQ	AM-1604-3000	1123808	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	02/21/2016	02/20/2017
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/21/2016	02/20/2017
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/21/2016	02/20/2017
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

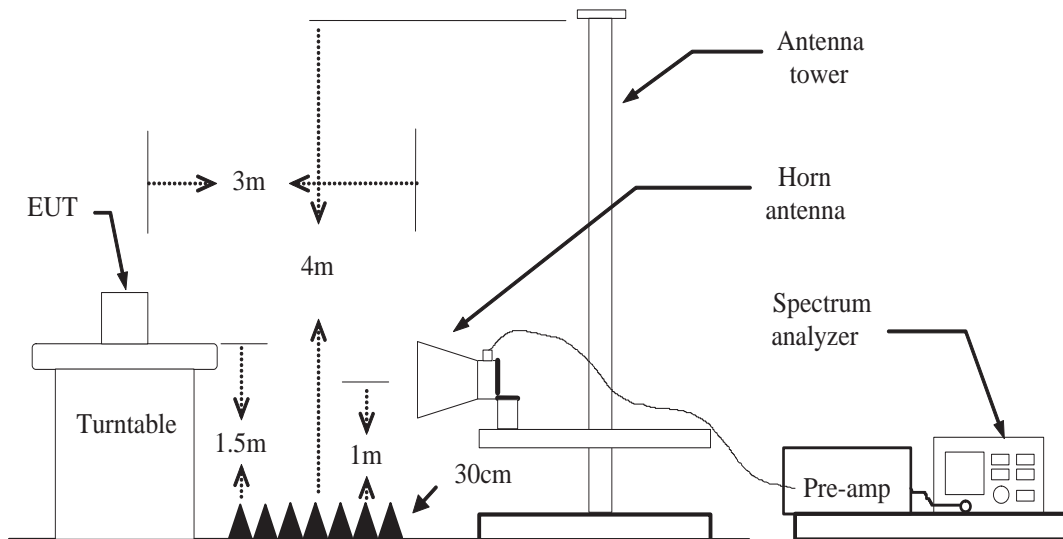
Below 30MHz



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=1MHz / VBW=3MHz / 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: Ad GanAmbient temperature: 24°C Relative humidity: 52% RHDate: May 10, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
47.4600	54.17	-19.99	34.18	40.00	-5.82	V	QP
71.7100	61.03	-25.87	35.16	40.00	-4.84	V	QP
106.6300	54.38	-22.45	31.93	43.50	-11.57	V	QP
250.1900	46.12	-21.06	25.06	46.00	-20.94	V	QP
446.1300	41.45	-15.55	25.90	46.00	-20.10	V	QP
475.2300	39.87	-14.53	25.34	46.00	-20.66	V	QP
35.8200	48.64	-14.91	33.73	40.00	-6.27	H	QP
47.4600	53.41	-19.99	33.42	40.00	-6.58	H	QP
106.6300	54.55	-22.45	32.10	43.50	-11.40	H	QP
250.1900	48.49	-21.06	27.43	46.00	-18.57	H	QP
475.2300	43.74	-14.53	29.21	46.00	-16.79	H	QP
961.2000	38.73	-8.71	30.02	54.00	-23.98	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1390.000	50.98	-7.10	43.88	74.00	-30.12	V	peak
1595.000	50.94	-6.71	44.23	74.00	-29.77	V	peak
1780.000	49.77	-6.31	43.46	74.00	-30.54	V	peak
2000.000	49.01	-5.00	44.01	74.00	-29.99	V	peak
2655.000	45.90	-1.98	43.92	74.00	-30.08	V	peak
3195.000	44.68	-1.03	43.65	74.00	-30.35	V	peak
1595.000	48.12	-6.71	41.41	74.00	-32.59	H	Peak
1765.000	47.29	-6.35	40.94	74.00	-33.06	H	Peak
2505.000	43.76	-2.25	41.51	74.00	-32.49	H	Peak
2665.000	45.12	-1.96	43.16	74.00	-30.84	H	peak
3255.000	44.05	-0.93	43.12	74.00	-30.88	H	peak
4625.000	41.70	3.76	45.46	74.00	-28.54	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 / 5180MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8292.000	34.10	9.49	43.59	74.00	-30.41	V	peak
10356.000	32.51	13.08	45.59	74.00	-28.41	V	peak
11844.000	30.96	14.71	45.67	74.00	-28.33	V	peak
12360.000	30.07	15.83	45.90	74.00	-28.10	V	peak
14976.000	29.63	21.15	50.78	74.00	-23.22	V	peak
15540.000	34.07	18.70	52.77	74.00	-21.23	V	peak
15540.000	33.42	18.70	52.12	54.00	-1.88	V	AVG
7752.000	31.61	9.17	40.78	74.00	-33.22	H	Peak
8292.000	34.82	9.49	44.31	74.00	-29.69	H	Peak
10524.000	31.09	13.60	44.69	74.00	-29.31	H	Peak
11220.000	30.50	14.98	45.48	74.00	-28.52	H	peak
12972.000	29.73	17.86	47.59	74.00	-26.41	H	peak
15540.000	32.62	18.70	51.32	74.00	-22.68	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8316.000	33.71	9.48	43.19	74.00	-30.81	V	peak
10404.000	32.20	13.23	45.43	74.00	-28.57	V	peak
11832.000	31.50	14.71	46.21	74.00	-27.79	V	peak
12948.000	29.71	17.78	47.49	74.00	-26.51	V	peak
15000.000	29.53	21.16	50.69	74.00	-23.31	V	peak
15600.000	34.43	18.43	52.86	74.00	-21.14	V	peak
15600.000	33.80	18.43	52.23	54.00	-1.77	V	AVG
7776.000	31.73	9.21	40.94	74.00	-33.06	H	Peak
8316.000	34.38	9.48	43.86	74.00	-30.14	H	Peak
11040.000	30.56	15.06	45.62	74.00	-28.38	H	Peak
11844.000	31.21	14.71	45.92	74.00	-28.08	H	peak
12912.000	30.16	17.66	47.82	74.00	-26.18	H	peak
15600.000	32.84	18.43	51.27	74.00	-22.73	H	peak

Remark:

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



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

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8388.000	34.11	9.44	43.55	74.00	-30.45	V	peak
10476.000	31.25	13.46	44.71	74.00	-29.29	V	peak
11844.000	31.10	14.71	45.81	74.00	-28.19	V	peak
12984.000	29.34	17.90	47.24	74.00	-26.76	V	peak
14916.000	29.87	21.11	50.98	74.00	-23.02	V	peak
15720.000	34.96	17.88	52.84	74.00	-21.16	V	peak
15720.000	34.64	17.88	52.52	54.00	-1.48	V	AVG
7740.000	32.13	9.14	41.27	74.00	-32.73	H	Peak
8388.000	34.18	9.44	43.62	74.00	-30.38	H	Peak
10980.000	30.14	15.02	45.16	74.00	-28.84	H	Peak
11844.000	31.13	14.71	45.84	74.00	-28.16	H	peak
12984.000	29.26	17.90	47.16	74.00	-26.84	H	peak
15120.000	30.24	20.61	50.85	74.00	-23.15	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 / 5260MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8412.000	33.63	9.42	43.05	74.00	-30.95	V	peak
10524.000	32.01	13.60	45.61	74.00	-28.39	V	peak
11832.000	30.89	14.71	45.60	74.00	-28.40	V	peak
12948.000	29.94	17.78	47.72	74.00	-26.28	V	peak
15000.000	29.76	21.16	50.92	74.00	-23.08	V	peak
15780.000	35.67	17.61	53.28	74.00	-20.72	V	peak
15780.000	34.92	17.61	52.53	54.00	-1.47	V	AVG
8412.000	33.88	9.42	43.30	74.00	-30.70	H	Peak
10512.000	30.98	13.57	44.55	74.00	-29.45	H	Peak
11304.000	30.74	14.95	45.69	74.00	-28.31	H	Peak
13008.000	29.61	17.97	47.58	74.00	-26.42	H	peak
14940.000	29.85	21.13	50.98	74.00	-23.02	H	peak
15780.000	32.96	17.61	50.57	74.00	-23.43	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 / 5300MHz /(CH Mid)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7692.000	31.55	9.05	40.60	74.00	-33.40	V	peak
8484.000	32.35	9.38	41.73	74.00	-32.27	V	peak
11304.000	30.96	14.95	45.91	74.00	-28.09	V	peak
11844.000	31.29	14.71	46.00	74.00	-28.00	V	peak
14916.000	29.48	21.11	50.59	74.00	-23.41	V	peak
15900.000	36.81	17.06	53.87	74.00	-20.13	V	peak
15900.000	35.96	17.06	53.02	54.00	-0.98	V	AVG
8484.000	33.12	9.38	42.50	74.00	-31.50	H	Peak
9600.000	31.21	10.83	42.04	74.00	-31.96	H	Peak
11184.000	30.24	15.00	45.24	74.00	-28.76	H	Peak
12888.000	29.65	17.58	47.23	74.00	-26.77	H	peak
15096.000	30.13	20.72	50.85	74.00	-23.15	H	peak
15900.000	32.79	17.06	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 / 5320MHz / (CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8508.000	32.54	9.37	41.91	74.00	-32.09	V	peak
10644.000	31.23	13.98	45.21	74.00	-28.79	V	peak
11844.000	31.13	14.71	45.84	74.00	-28.16	V	peak
14244.000	29.40	20.72	50.12	74.00	-23.88	V	peak
14832.000	29.31	21.06	50.37	74.00	-23.63	V	peak
15960.000	36.22	16.79	53.01	74.00	-20.99	V	peak
15960.000	35.97	16.79	52.76	54.00	-1.24	V	AVG
8508.000	32.73	9.37	42.10	74.00	-31.90	H	Peak
11112.000	30.41	15.03	45.44	74.00	-28.56	H	Peak
11856.000	30.93	14.70	45.63	74.00	-28.37	H	Peak
12204.000	30.33	15.32	45.65	74.00	-28.35	H	peak
15000.000	29.68	21.16	50.84	74.00	-23.16	H	peak
15960.000	35.17	16.79	51.96	74.00	-22.04	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.84	9.17	41.01	74.00	-32.99	V	peak
8352.000	31.75	9.46	41.21	74.00	-32.79	V	peak
10656.000	30.19	14.01	44.20	74.00	-29.80	V	peak
11844.000	30.95	14.71	45.66	74.00	-28.34	V	peak
14952.000	29.50	21.13	50.63	74.00	-23.37	V	peak
16500.000	33.60	20.00	53.60	74.00	-20.40	V	peak
16500.000	33.34	20.00	53.34	54.00	-0.66	V	AVG
7752.000	32.10	9.17	41.27	74.00	-32.73	H	Peak
10512.000	30.89	13.57	44.46	74.00	-29.54	H	Peak
11304.000	30.86	14.95	45.81	74.00	-28.19	H	Peak
12996.000	29.70	17.94	47.64	74.00	-26.36	H	peak
14964.000	29.77	21.14	50.91	74.00	-23.09	H	peak
16500.000	31.40	20.00	51.40	74.00	-22.60	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11a / 5580MHz / (CH Mid)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.000	31.53	9.45	40.98	74.00	-33.02	V	peak
10620.000	30.80	13.90	44.70	74.00	-29.30	V	peak
11856.000	30.71	14.70	45.41	74.00	-28.59	V	peak
12972.000	29.95	17.86	47.81	74.00	-26.19	V	peak
14232.000	29.25	20.71	49.96	74.00	-24.04	V	peak
16740.000	31.11	21.63	52.74	74.00	-21.26	V	peak
16740.000	30.73	21.63	52.36	54.00	-1.64	V	AVG
8424.000	31.85	9.42	41.27	74.00	-32.73	H	Peak
10656.000	30.39	14.01	44.40	74.00	-29.60	H	Peak
11220.000	30.69	14.98	45.67	74.00	-28.33	H	Peak
11844.000	30.96	14.71	45.67	74.00	-28.33	H	peak
12888.000	29.71	17.58	47.29	74.00	-26.71	H	peak
14988.000	30.32	21.15	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 802.11a / 5700MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.000	31.68	9.45	41.13	74.00	-32.87	V	peak
10092.000	31.09	12.27	43.36	74.00	-30.64	V	peak
11304.000	31.31	14.95	46.26	74.00	-27.74	V	peak
13008.000	29.73	17.97	47.70	74.00	-26.30	V	peak
13572.000	28.36	19.45	47.81	74.00	-26.19	V	peak
14916.000	29.53	21.11	50.64	74.00	-23.36	V	peak
7740.000	31.67	9.14	40.81	74.00	-33.19	H	Peak
8340.000	31.80	9.46	41.26	74.00	-32.74	H	Peak
10512.000	31.07	13.57	44.64	74.00	-29.36	H	Peak
11304.000	30.71	14.95	45.66	74.00	-28.34	H	peak
12948.000	29.70	17.78	47.48	74.00	-26.52	H	peak
14988.000	29.56	21.15	50.71	74.00	-23.29	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range 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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8352.000	32.15	9.46	41.61	74.00	-32.39	V	peak
10500.000	31.48	13.53	45.01	74.00	-28.99	V	peak
11040.000	30.51	15.06	45.57	74.00	-28.43	V	peak
12972.000	29.72	17.86	47.58	74.00	-26.42	V	peak
15012.000	29.91	21.11	51.02	74.00	-22.98	V	peak
17244.000	30.66	23.34	54.00	74.00	-20.00	V	peak
17244.000	29.78	23.34	53.12	54.00	-0.88	V	AVG
7740.000	31.63	9.14	40.77	74.00	-33.23	H	Peak
8568.000	31.80	9.34	41.14	74.00	-32.86	H	Peak
9192.000	32.18	9.65	41.83	74.00	-32.17	H	Peak
11028.000	30.18	15.07	45.25	74.00	-28.75	H	peak
13152.000	29.68	18.35	48.03	74.00	-25.97	H	peak
14964.000	30.23	21.14	51.37	74.00	-22.63	H	peak

Remark:

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



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

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	31.98	9.12	41.10	74.00	-32.90	V	peak
8328.000	31.95	9.47	41.42	74.00	-32.58	V	peak
10512.000	31.19	13.57	44.76	74.00	-29.24	V	peak
10860.000	30.44	14.65	45.09	74.00	-28.91	V	peak
11844.000	31.21	14.71	45.92	74.00	-28.08	V	peak
12984.000	29.91	17.90	47.81	74.00	-26.19	V	peak
6960.000	32.01	7.64	39.65	74.00	-34.35	H	Peak
7764.000	31.47	9.19	40.66	74.00	-33.34	H	Peak
8388.000	31.67	9.44	41.11	74.00	-32.89	H	Peak
10296.000	31.04	12.90	43.94	74.00	-30.06	H	peak
11304.000	30.67	14.95	45.62	74.00	-28.38	H	peak
13560.000	28.45	19.42	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).



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

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6984.000	31.78	7.67	39.45	74.00	-34.55	V	peak
7728.000	31.47	9.12	40.59	74.00	-33.41	V	peak
8376.000	31.63	9.44	41.07	74.00	-32.93	V	peak
10284.000	31.44	12.86	44.30	74.00	-29.70	V	peak
11856.000	31.31	14.70	46.01	74.00	-27.99	V	peak
12936.000	29.70	17.74	47.44	74.00	-26.56	V	peak
7728.000	31.88	9.12	41.00	74.00	-33.00	H	Peak
8340.000	32.05	9.46	41.51	74.00	-32.49	H	Peak
10500.000	30.88	13.53	44.41	74.00	-29.59	H	Peak
11052.000	30.15	15.06	45.21	74.00	-28.79	H	peak
12984.000	29.61	17.90	47.51	74.00	-26.49	H	peak
13476.000	28.50	19.20	47.70	74.00	-26.30	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 / 5180MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8292.000	33.78	9.49	43.27	74.00	-30.73	V	peak
10512.000	31.20	13.57	44.77	74.00	-29.23	V	peak
11316.000	30.70	14.94	45.64	74.00	-28.36	V	peak
11844.000	30.93	14.71	45.64	74.00	-28.36	V	peak
15540.000	34.10	18.70	52.80	74.00	-21.20	V	peak
15540.000	33.98	18.70	52.68	54.00	-1.32	V	peak
8292.000	34.96	9.49	44.45	74.00	-29.55	H	Peak
10284.000	31.05	12.86	43.91	74.00	-30.09	H	Peak
11028.000	30.30	15.07	45.37	74.00	-28.63	H	Peak
11592.000	30.08	14.82	44.90	74.00	-29.10	H	peak
12960.000	29.73	17.82	47.55	74.00	-26.45	H	peak
14880.000	29.60	21.09	50.69	74.00	-23.31	H	peak

Remark:

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



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

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8316.000	33.58	9.48	43.06	74.00	-30.94	V	peak
9612.000	30.98	10.86	41.84	74.00	-32.16	V	peak
10404.000	31.43	13.23	44.66	74.00	-29.34	V	peak
11844.000	30.79	14.71	45.50	74.00	-28.50	V	peak
12960.000	29.61	17.82	47.43	74.00	-26.57	V	peak
15612.000	34.38	18.38	52.76	74.00	-21.24	V	peak
15612.000	34.23	18.38	52.61	54.00	-1.39	V	AVG
7788.000	31.69	9.24	40.93	74.00	-33.07	H	Peak
8316.000	34.73	9.48	44.21	74.00	-29.79	H	Peak
10296.000	30.93	12.90	43.83	74.00	-30.17	H	Peak
10956.000	30.39	14.94	45.33	74.00	-28.67	H	peak
11844.000	30.91	14.71	45.62	74.00	-28.38	H	peak
15600.000	31.35	18.43	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 802.11n HT 20 MHz / 5240MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8388.000	33.49	9.44	42.93	74.00	-31.07	V	peak
9612.000	31.60	10.86	42.46	74.00	-31.54	V	peak
10476.000	30.50	13.46	43.96	74.00	-30.04	V	peak
11844.000	30.79	14.71	45.50	74.00	-28.50	V	peak
13152.000	29.12	18.35	47.47	74.00	-26.53	V	peak
15720.000	34.97	17.88	52.85	74.00	-21.15	V	peak
15720.000	34.26	17.88	52.14	54.00	-1.86	V	AVG
8388.000	34.74	9.44	44.18	74.00	-29.82	H	Peak
11856.000	30.70	14.70	45.40	74.00	-28.60	H	Peak
12816.000	29.84	17.34	47.18	74.00	-26.82	H	Peak
12996.000	29.54	17.94	47.48	74.00	-26.52	H	peak
13752.000	28.41	19.93	48.34	74.00	-25.66	H	peak
14880.000	29.74	21.09	50.83	74.00	-23.17	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5260MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8412.000	33.45	9.42	42.87	74.00	-31.13	V	peak
10524.000	31.35	13.60	44.95	74.00	-29.05	V	peak
10956.000	30.26	14.94	45.20	74.00	-28.80	V	peak
12876.000	30.02	17.54	47.56	74.00	-26.44	V	peak
15780.000	34.67	17.61	52.28	74.00	-21.72	V	peak
15780.000	34.42	17.61	52.03	54.00	-1.97	V	peak
8412.000	33.63	9.42	43.05	74.00	-30.95	H	Peak
11112.000	30.60	15.03	45.63	74.00	-28.37	H	Peak
11844.000	30.88	14.71	45.59	74.00	-28.41	H	Peak
12960.000	29.79	17.82	47.61	74.00	-26.39	H	peak
15012.000	29.26	21.11	50.37	74.00	-23.63	H	peak
15780.000	32.19	17.61	49.80	74.00	-24.20	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	30.75	9.19	39.94	74.00	-34.06	V	peak
10272.000	30.23	12.82	43.05	74.00	-30.95	V	peak
11352.000	29.71	14.93	44.64	74.00	-29.36	V	peak
12900.000	29.03	17.62	46.65	74.00	-27.35	V	peak
14316.000	28.04	20.76	48.80	74.00	-25.20	V	peak
14988.000	28.76	21.15	49.91	74.00	-24.09	V	peak
7776.000	31.72	9.21	40.93	74.00	-33.07	H	Peak
8484.000	32.73	9.38	42.11	74.00	-31.89	H	Peak
11028.000	29.93	15.07	45.00	74.00	-29.00	H	Peak
12972.000	29.89	17.86	47.75	74.00	-26.25	H	peak
15000.000	29.75	21.16	50.91	74.00	-23.09	H	peak
15900.000	33.14	17.06	50.20	74.00	-23.80	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).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5320MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8508.000	32.26	9.37	41.63	74.00	-32.37	V	peak
11184.000	30.23	15.00	45.23	74.00	-28.77	V	peak
12972.000	30.02	17.86	47.88	74.00	-26.12	V	peak
13524.000	28.91	19.33	48.24	74.00	-25.76	V	peak
14892.000	29.56	21.10	50.66	74.00	-23.34	V	peak
15960.000	36.39	16.79	53.18	74.00	-20.82	V	peak
15960.000	35.67	16.79	52.46	54.00	-1.54	V	AVG
8508.000	32.08	9.37	41.45	74.00	-32.55	H	Peak
11448.000	30.85	14.88	45.73	74.00	-28.27	H	Peak
13464.000	28.58	19.17	47.75	74.00	-26.25	H	Peak
14256.000	29.10	20.73	49.83	74.00	-24.17	H	peak
14748.000	29.47	21.01	50.48	74.00	-23.52	H	peak
15960.000	32.54	16.79	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 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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.000	32.00	9.12	41.12	74.00	-32.88	V	peak
8352.000	31.44	9.46	40.90	74.00	-33.10	V	peak
11592.000	30.41	14.82	45.23	74.00	-28.77	V	peak
12240.000	30.51	15.43	45.94	74.00	-28.06	V	peak
15108.000	29.90	20.67	50.57	74.00	-23.43	V	peak
16500.000	32.73	20.00	52.73	74.00	-21.27	V	peak
16500.000	32.46	20.00	52.46	54.00	-1.54	V	AVG
6936.000	32.42	7.60	40.02	74.00	-33.98	H	Peak
7764.000	31.95	9.19	41.14	74.00	-32.86	H	Peak
11040.000	30.28	15.06	45.34	74.00	-28.66	H	Peak
14064.000	29.10	20.62	49.72	74.00	-24.28	H	peak
14892.000	29.66	21.10	50.76	74.00	-23.24	H	peak
16500.000	31.14	20.00	51.14	74.00	-22.86	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.50	9.19	40.69	74.00	-33.31	V	peak
8436.000	31.84	9.41	41.25	74.00	-32.75	V	peak
11304.000	30.59	14.95	45.54	74.00	-28.46	V	peak
11844.000	31.21	14.71	45.92	74.00	-28.08	V	peak
15000.000	29.82	21.16	50.98	74.00	-23.02	V	peak
16740.000	30.79	21.63	52.42	74.00	-21.58	V	peak
16740.000	30.04	21.63	51.67	54.00	-2.33	V	AVG
11052.000	30.36	15.06	45.42	74.00	-28.58	H	Peak
12240.000	30.64	15.43	46.07	74.00	-27.93	H	Peak
12972.000	29.58	17.86	47.44	74.00	-26.56	H	Peak
13500.000	28.52	19.27	47.79	74.00	-26.21	H	peak
14496.000	29.23	20.87	50.10	74.00	-23.90	H	peak
16740.000	30.62	21.63	52.25	74.00	-21.75	H	peak
16740.000	30.40	21.63	52.03	54.00	-1.97	H	AVG

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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.37	9.17	40.54	74.00	-33.46	V	peak
8340.000	31.61	9.46	41.07	74.00	-32.93	V	peak
10920.000	30.08	14.83	44.91	74.00	-29.09	V	peak
11328.000	30.47	14.94	45.41	74.00	-28.59	V	peak
13464.000	28.34	19.17	47.51	74.00	-26.49	V	peak
14892.000	29.35	21.10	50.45	74.00	-23.55	V	peak
6960.000	31.81	7.64	39.45	74.00	-34.55	H	Peak
7740.000	31.56	9.14	40.70	74.00	-33.30	H	Peak
8340.000	31.69	9.46	41.15	74.00	-32.85	H	Peak
11700.000	30.32	14.77	45.09	74.00	-28.91	H	peak
12900.000	29.88	17.62	47.50	74.00	-26.50	H	peak
15000.000	29.96	21.16	51.12	74.00	-22.88	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5745MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8484.000	31.79	9.38	41.17	74.00	-32.83	V	peak
9192.000	32.58	9.65	42.23	74.00	-31.77	V	peak
11304.000	30.47	14.95	45.42	74.00	-28.58	V	peak
11856.000	31.19	14.70	45.89	74.00	-28.11	V	peak
12984.000	29.70	17.90	47.60	74.00	-26.40	V	peak
15024.000	29.67	21.05	50.72	74.00	-23.28	V	peak
7752.000	31.98	9.17	41.15	74.00	-32.85	H	Peak
8340.000	31.45	9.46	40.91	74.00	-33.09	H	Peak
10608.000	30.95	13.86	44.81	74.00	-29.19	H	Peak
11316.000	30.94	14.94	45.88	74.00	-28.12	H	peak
12984.000	29.66	17.90	47.56	74.00	-26.44	H	peak
14904.000	29.83	21.10	50.93	74.00	-23.07	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6924.000	32.24	7.58	39.82	74.00	-34.18	V	peak
7716.000	31.72	9.10	40.82	74.00	-33.18	V	peak
8340.000	31.62	9.46	41.08	74.00	-32.92	V	peak
10284.000	31.19	12.86	44.05	74.00	-29.95	V	peak
11352.000	30.98	14.93	45.91	74.00	-28.09	V	peak
14988.000	29.75	21.15	50.90	74.00	-23.10	V	peak
7740.000	31.82	9.14	40.96	74.00	-33.04	H	Peak
8364.000	32.02	9.45	41.47	74.00	-32.53	H	Peak
10884.000	30.18	14.72	44.90	74.00	-29.10	H	Peak
11208.000	30.77	14.99	45.76	74.00	-28.24	H	peak
12972.000	29.61	17.86	47.47	74.00	-26.53	H	peak
14952.000	29.66	21.13	50.79	74.00	-23.21	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).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5825MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8352.000	31.63	9.46	41.09	74.00	-32.91	V	peak
9252.000	32.19	9.83	42.02	74.00	-31.98	V	peak
10488.000	30.90	13.49	44.39	74.00	-29.61	V	peak
11208.000	30.45	14.99	45.44	74.00	-28.56	V	peak
12996.000	29.50	17.94	47.44	74.00	-26.56	V	peak
13848.000	28.18	20.18	48.36	74.00	-25.64	V	peak
7764.000	32.03	9.19	41.22	74.00	-32.78	H	Peak
8340.000	31.97	9.46	41.43	74.00	-32.57	H	Peak
11304.000	30.85	14.95	45.80	74.00	-28.20	H	Peak
13008.000	29.69	17.97	47.66	74.00	-26.34	H	peak
13584.000	28.85	19.49	48.34	74.00	-25.66	H	peak
14976.000	29.60	21.15	50.75	74.00	-23.25	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5190MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8304.000	33.68	9.48	43.16	74.00	-30.84	V	peak
9456.000	31.75	10.41	42.16	74.00	-31.84	V	peak
10872.000	30.41	14.68	45.09	74.00	-28.91	V	peak
12240.000	30.31	15.43	45.74	74.00	-28.26	V	peak
13008.000	29.98	17.97	47.95	74.00	-26.05	V	peak
15564.000	33.38	18.59	51.97	74.00	-22.03	V	peak
7728.000	32.15	9.12	41.27	74.00	-32.73	H	Peak
8304.000	34.22	9.48	43.70	74.00	-30.30	H	Peak
10956.000	30.04	14.94	44.98	74.00	-29.02	H	Peak
11844.000	31.46	14.71	46.17	74.00	-27.83	H	peak
12936.000	29.20	17.74	46.94	74.00	-27.06	H	peak
15576.000	32.26	18.54	50.80	74.00	-23.20	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: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.000	33.89	9.45	43.34	74.00	-30.66	V	peak
10056.000	31.26	12.15	43.41	74.00	-30.59	V	peak
10956.000	30.40	14.94	45.34	74.00	-28.66	V	peak
11832.000	30.74	14.71	45.45	74.00	-28.55	V	peak
12780.000	29.57	17.22	46.79	74.00	-27.21	V	peak
15696.000	32.94	17.99	50.93	74.00	-23.07	V	peak
7728.000	31.73	9.12	40.85	74.00	-33.15	H	Peak
8364.000	34.91	9.45	44.36	74.00	-29.64	H	Peak
10512.000	30.46	13.57	44.03	74.00	-29.97	H	Peak
10944.000	30.25	14.91	45.16	74.00	-28.84	H	peak
11856.000	30.82	14.70	45.52	74.00	-28.48	H	peak
14988.000	29.40	21.15	50.55	74.00	-23.45	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 / 5270MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8436.000	33.83	9.41	43.24	74.00	-30.76	V	peak
10512.000	30.95	13.57	44.52	74.00	-29.48	V	peak
10956.000	30.08	14.94	45.02	74.00	-28.98	V	peak
11832.000	31.57	14.71	46.28	74.00	-27.72	V	peak
14964.000	29.87	21.14	51.01	74.00	-22.99	V	peak
15804.000	33.10	17.50	50.60	74.00	-23.40	V	peak
8436.000	34.23	9.41	43.64	74.00	-30.36	H	Peak
10308.000	30.90	12.93	43.83	74.00	-30.17	H	Peak
10908.000	29.97	14.79	44.76	74.00	-29.24	H	Peak
11832.000	30.97	14.71	45.68	74.00	-28.32	H	peak
12948.000	29.75	17.78	47.53	74.00	-26.47	H	peak
14928.000	29.38	21.12	50.50	74.00	-23.50	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5310MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8496.000	32.83	9.38	42.21	74.00	-31.79	V	peak
10440.000	30.52	13.34	43.86	74.00	-30.14	V	peak
11844.000	30.84	14.71	45.55	74.00	-28.45	V	peak
12996.000	29.50	17.94	47.44	74.00	-26.56	V	peak
14760.000	29.89	21.02	50.91	74.00	-23.09	V	peak
15924.000	33.16	16.96	50.12	74.00	-23.88	V	peak
7740.000	32.17	9.14	41.31	74.00	-32.69	H	Peak
8496.000	32.36	9.38	41.74	74.00	-32.26	H	Peak
10944.000	29.95	14.91	44.86	74.00	-29.14	H	Peak
11844.000	30.98	14.71	45.69	74.00	-28.31	H	peak
12444.000	30.30	16.11	46.41	74.00	-27.59	H	peak
13188.000	28.96	18.44	47.40	74.00	-26.60	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5510MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.000	31.70	9.45	41.15	74.00	-32.85	V	peak
10284.000	31.35	12.86	44.21	74.00	-29.79	V	peak
11028.000	30.28	15.07	45.35	74.00	-28.65	V	peak
12600.000	29.39	16.63	46.02	74.00	-27.98	V	peak
14856.000	29.52	21.08	50.60	74.00	-23.40	V	peak
16512.000	31.05	20.08	51.13	74.00	-22.87	V	peak
7752.000	31.51	9.17	40.68	74.00	-33.32	H	Peak
8352.000	31.70	9.46	41.16	74.00	-32.84	H	Peak
10536.000	30.55	13.64	44.19	74.00	-29.81	H	Peak
11196.000	30.41	14.99	45.40	74.00	-28.60	H	peak
12684.000	29.12	16.90	46.02	74.00	-27.98	H	peak
14796.000	29.59	21.04	50.63	74.00	-23.37	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5550MHz /(CH Mid)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.58	9.19	40.77	74.00	-33.23	V	peak
10512.000	31.13	13.57	44.70	74.00	-29.30	V	peak
11316.000	30.91	14.94	45.85	74.00	-28.15	V	peak
13008.000	30.16	17.97	48.13	74.00	-25.87	V	peak
15012.000	29.88	21.11	50.99	74.00	-23.01	V	peak
16632.000	30.69	20.89	51.58	74.00	-22.42	V	peak
7752.000	31.47	9.17	40.64	74.00	-33.36	H	Peak
8424.000	31.47	9.42	40.89	74.00	-33.11	H	Peak
10512.000	31.10	13.57	44.67	74.00	-29.33	H	Peak
11064.000	30.51	15.05	45.56	74.00	-28.44	H	peak
13008.000	29.67	17.97	47.64	74.00	-26.36	H	peak
14952.000	29.72	21.13	50.85	74.00	-23.15	H	peak

Remark:

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



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5670MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7212.000	31.05	8.11	39.16	74.00	-34.84	V	peak
7752.000	31.10	9.17	40.27	74.00	-33.73	V	peak
8460.000	31.72	9.40	41.12	74.00	-32.88	V	peak
10632.000	31.09	13.94	45.03	74.00	-28.97	V	peak
11292.000	30.60	14.95	45.55	74.00	-28.45	V	peak
15036.000	30.08	21.00	51.08	74.00	-22.92	V	peak
7776.000	31.42	9.21	40.63	74.00	-33.37	H	Peak
8460.000	31.43	9.40	40.83	74.00	-33.17	H	Peak
11844.000	30.90	14.71	45.61	74.00	-28.39	H	Peak
12456.000	30.07	16.15	46.22	74.00	-27.78	H	peak
13572.000	28.23	19.45	47.68	74.00	-26.32	H	peak
15132.000	30.05	20.56	50.61	74.00	-23.39	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 / 5755MHz /(CH Low)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.000	31.50	9.19	40.69	74.00	-33.31	V	peak
8436.000	31.64	9.41	41.05	74.00	-32.95	V	peak
10512.000	30.90	13.57	44.47	74.00	-29.53	V	peak
11208.000	30.40	14.99	45.39	74.00	-28.61	V	peak
12924.000	29.88	17.70	47.58	74.00	-26.42	V	peak
15024.000	29.71	21.05	50.76	74.00	-23.24	V	peak
7752.000	31.45	9.17	40.62	74.00	-33.38	H	Peak
8304.000	31.38	9.48	40.86	74.00	-33.14	H	Peak
10512.000	30.92	13.57	44.49	74.00	-29.51	H	Peak
11208.000	30.25	14.99	45.24	74.00	-28.76	H	peak
11844.000	30.94	14.71	45.65	74.00	-28.35	H	peak
12972.000	29.86	17.86	47.72	74.00	-26.28	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 802.11n HT 40 MHz / 5795MHz /(CH High)

Tested by: Ad Gan

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

Date: May 6, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.000	31.46	9.17	40.63	74.00	-33.37	V	peak
8448.000	31.41	9.40	40.81	74.00	-33.19	V	peak
9600.000	31.56	10.83	42.39	74.00	-31.61	V	peak
10512.000	30.96	13.57	44.53	74.00	-29.47	V	peak
11316.000	30.47	14.94	45.41	74.00	-28.59	V	peak
14976.000	29.95	21.15	51.10	74.00	-22.90	V	peak
6936.000	31.47	7.60	39.07	74.00	-34.93	H	Peak
7764.000	31.31	9.19	40.50	74.00	-33.50	H	Peak
8316.000	31.30	9.48	40.78	74.00	-33.22	H	Peak
10512.000	30.79	13.57	44.36	74.00	-29.64	H	peak
11328.000	30.53	14.94	45.47	74.00	-28.53	H	peak
12912.000	29.57	17.66	47.23	74.00	-26.77	H	peak

Remark:

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



6.8 CONDUCTED UNDESIRABLE EMISSION

6.8.1 LIMIT

According to 15.407(b) ,

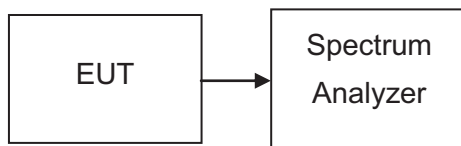
- (1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (2) For transmitters operating in the 5.725–5.850 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of –17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of –27 dBm/MHz.
- (3) The provisions of §15.205 apply to intentional radiators operating under this section.

6.8.2 MEASUREMENT EQUIPMENT USED

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

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

6.8.3 TEST CONFIGURATION



6.8.4 TEST PROCEDURE

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

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

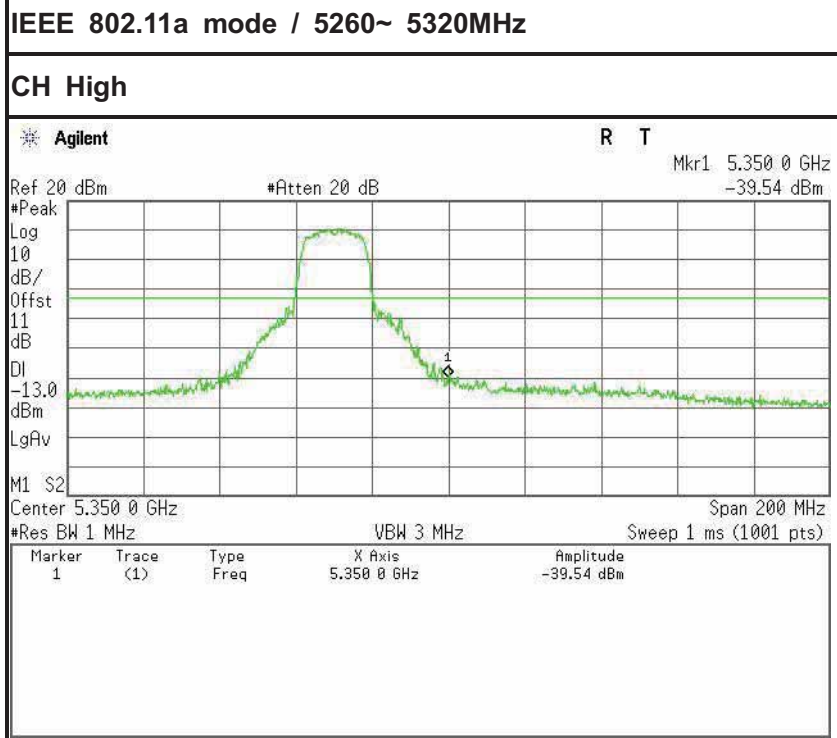
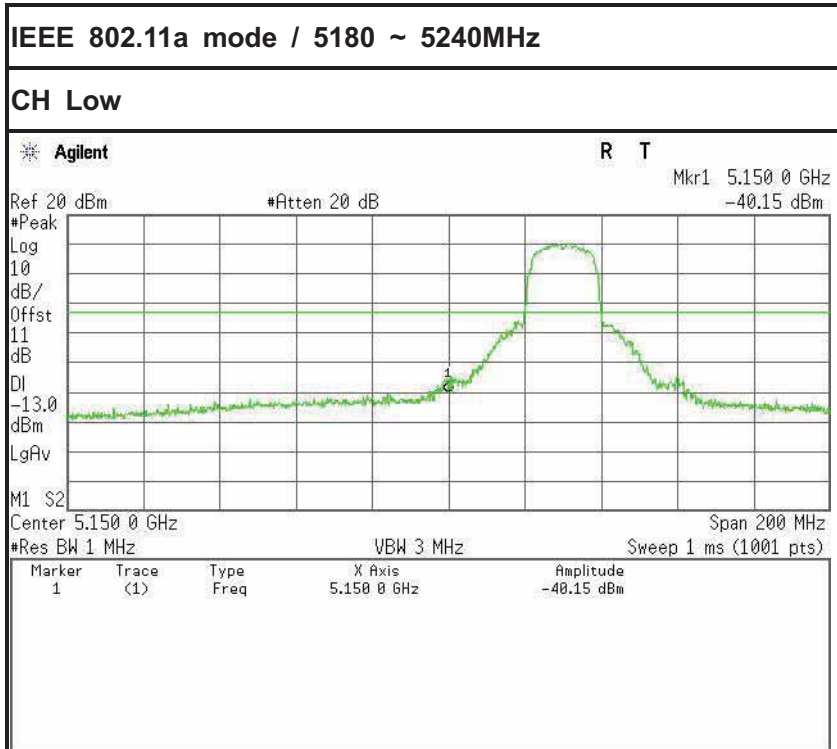
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels.

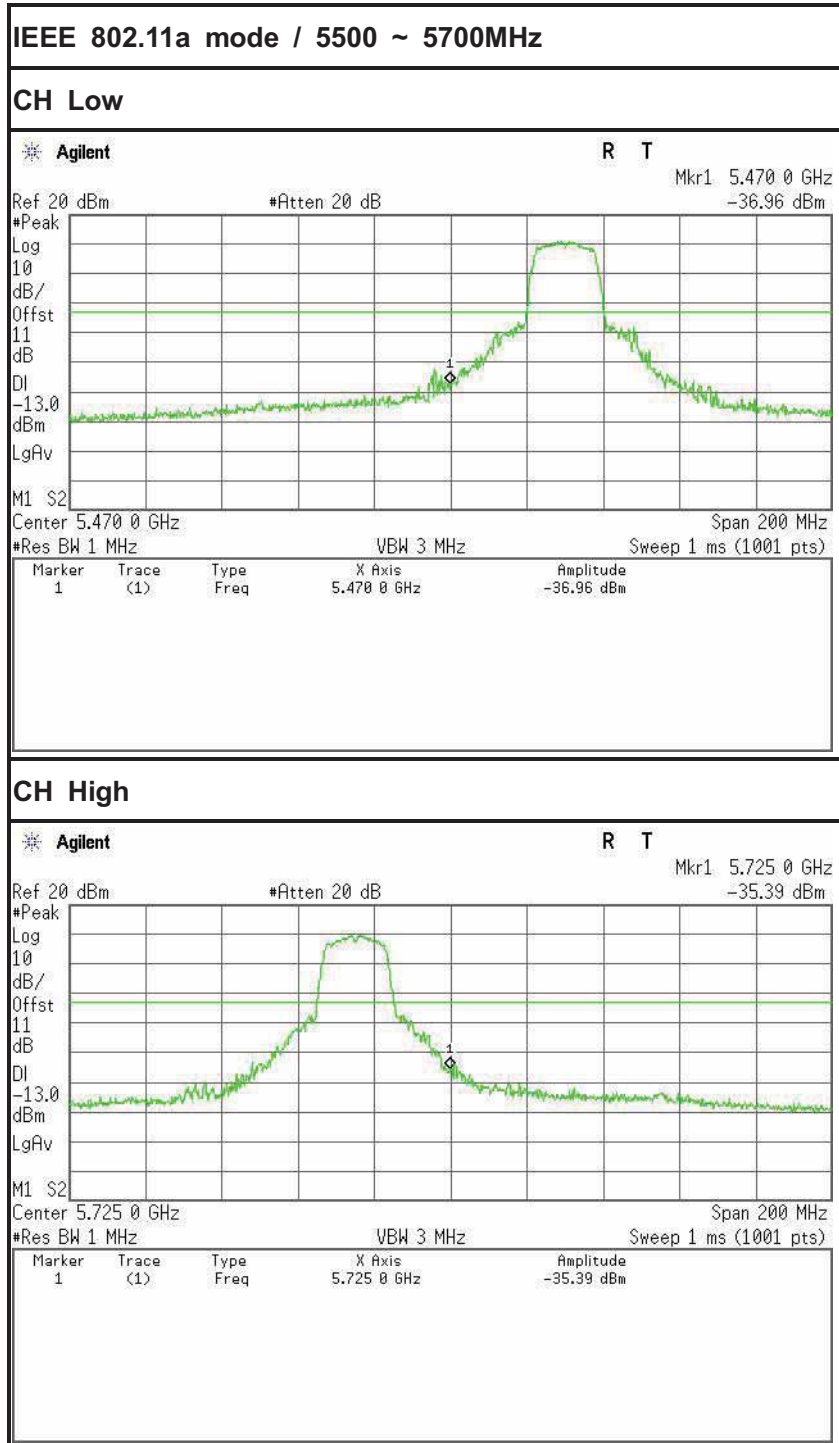
6.8.5 TEST RESULTS

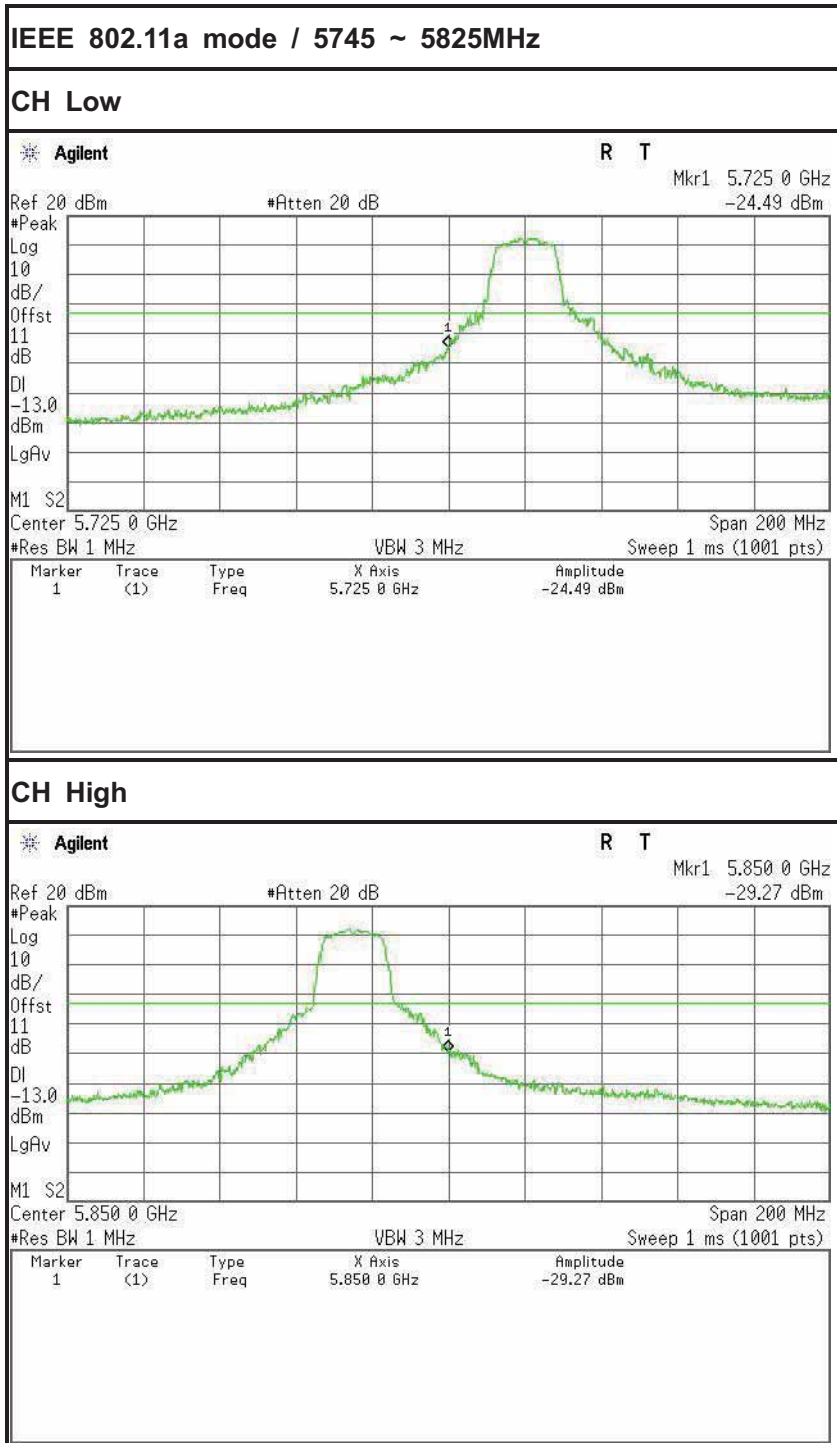
No non-compliance noted

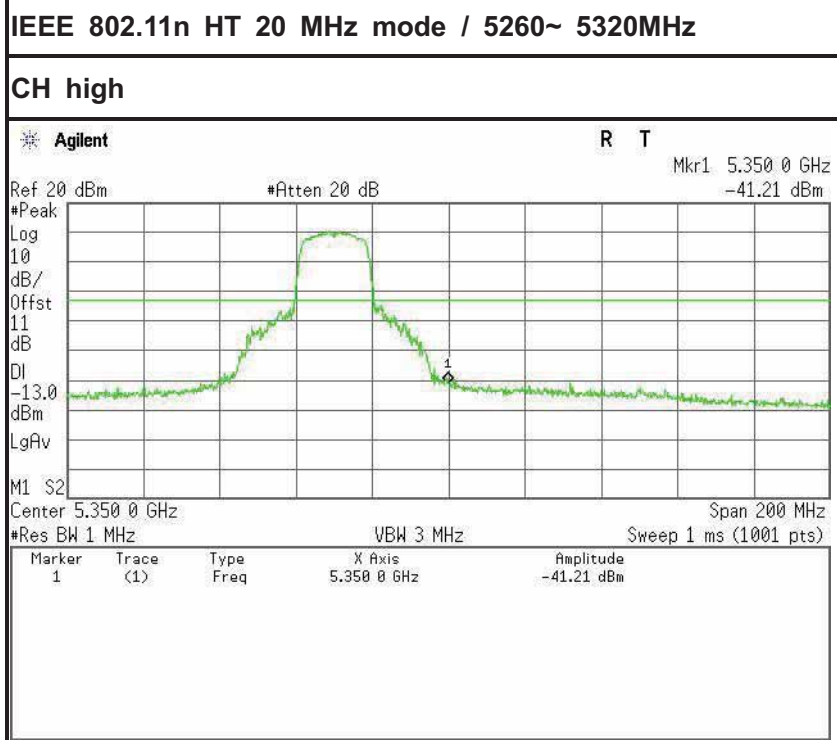
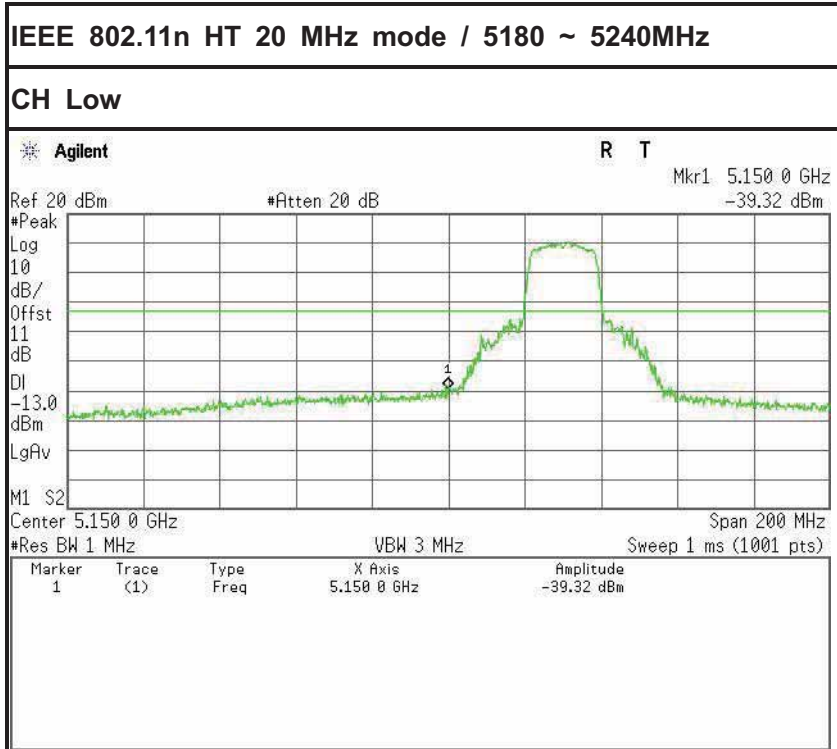


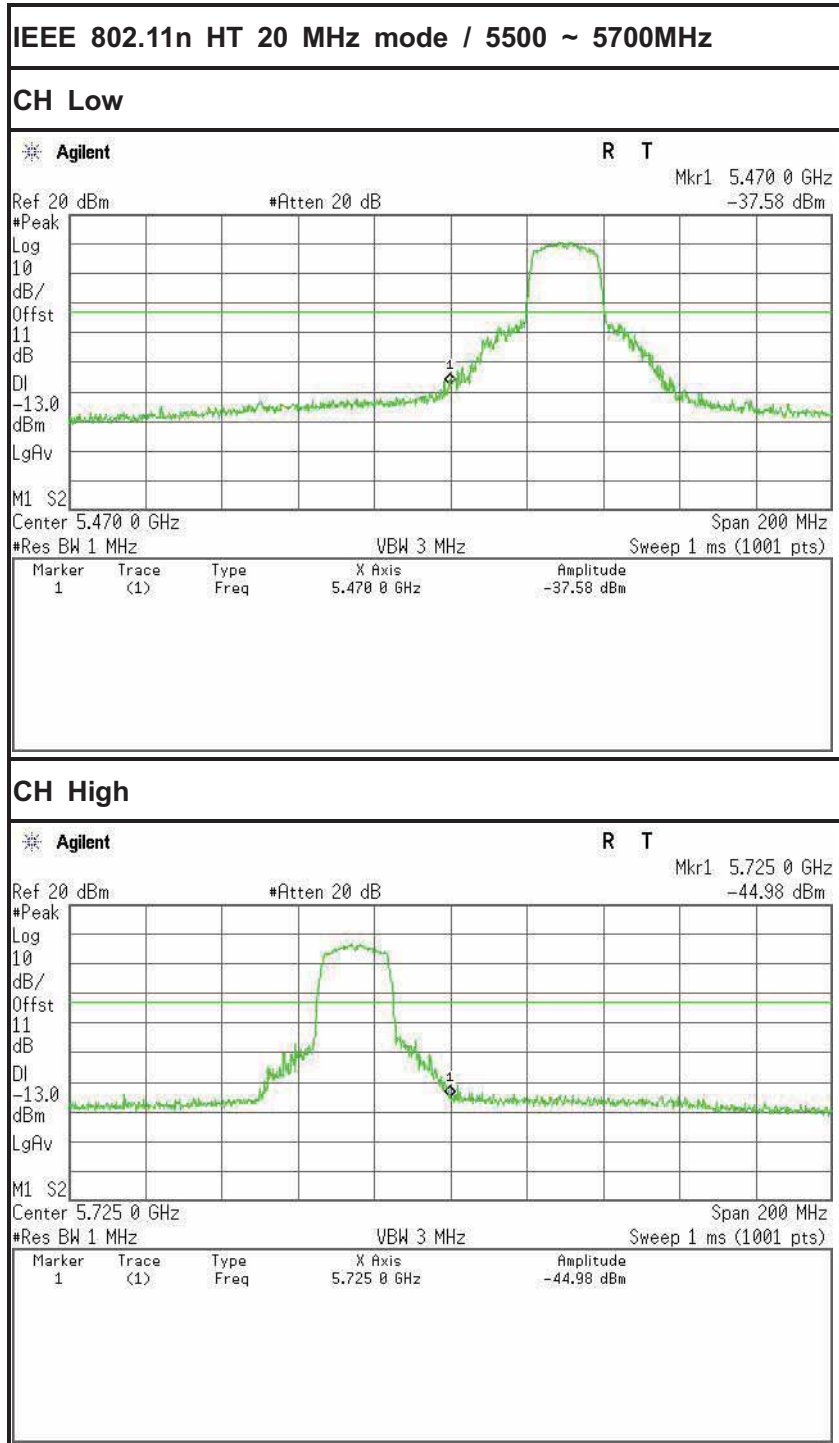
Test Plot

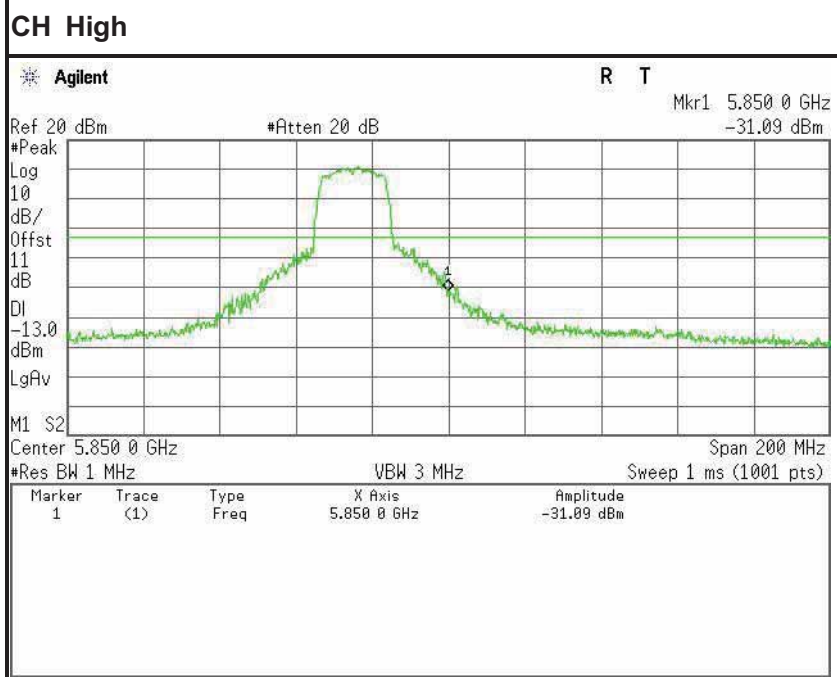
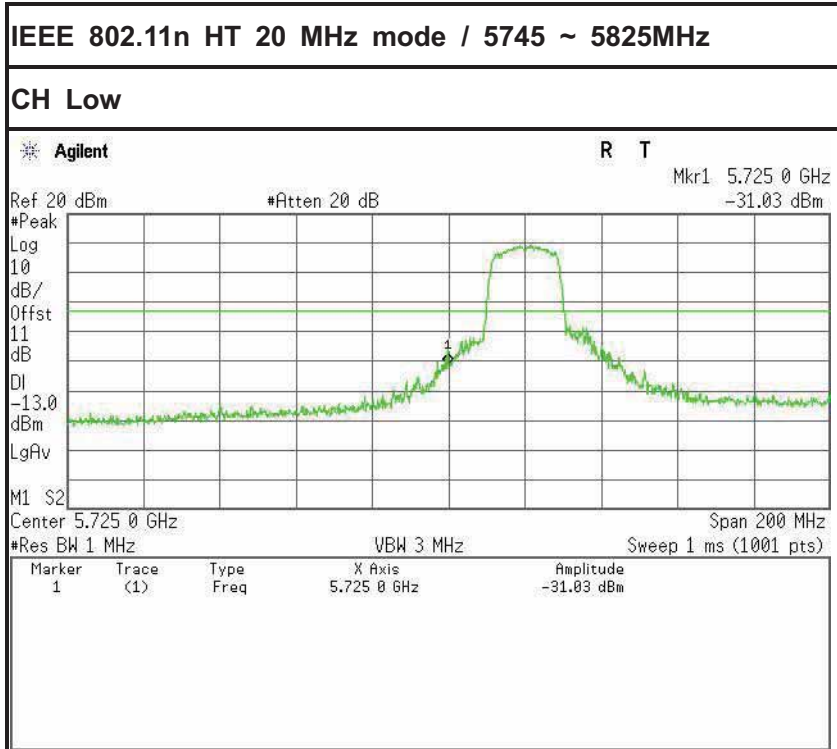


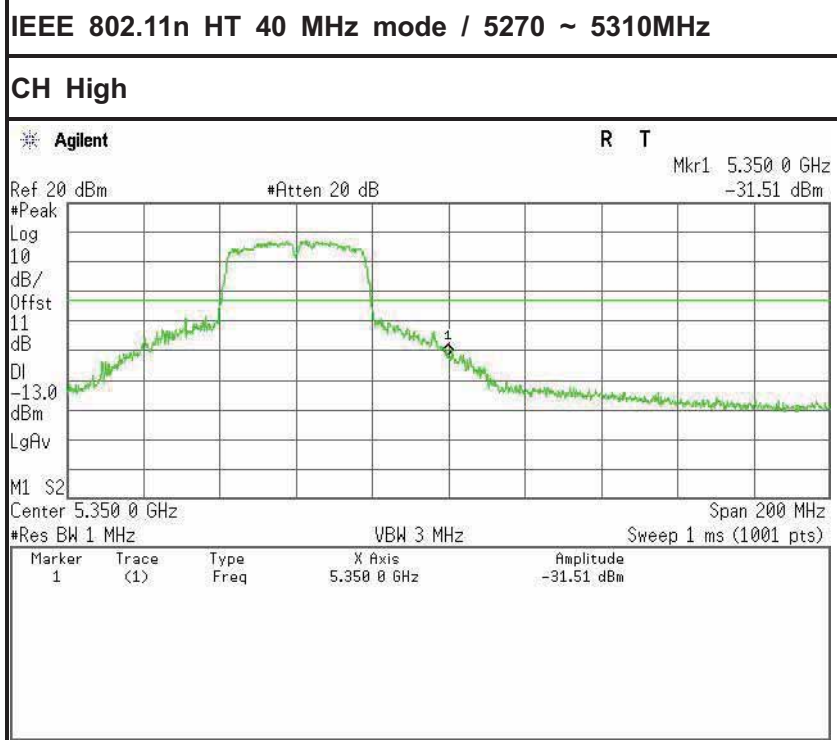
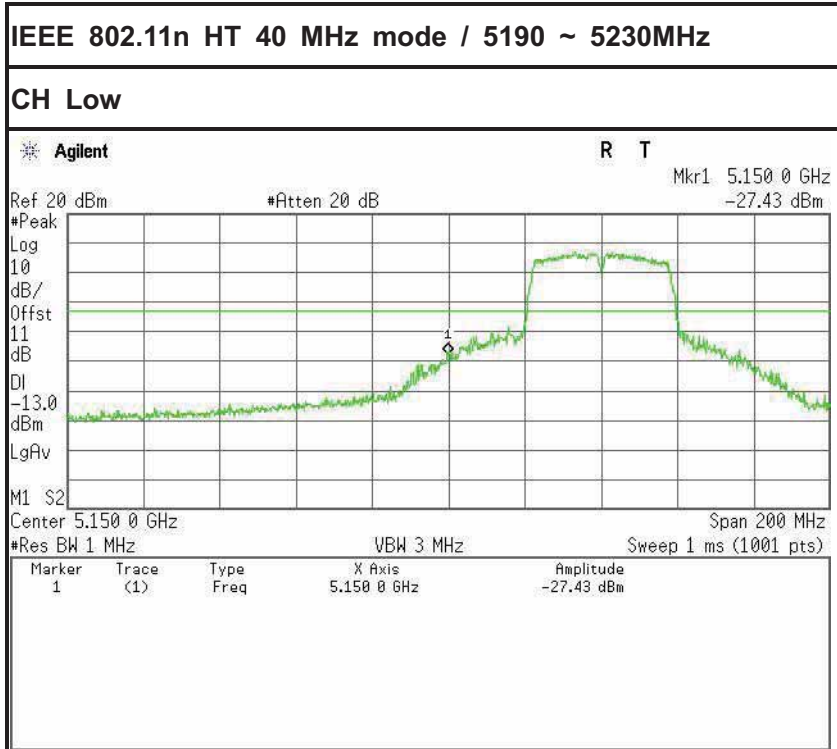


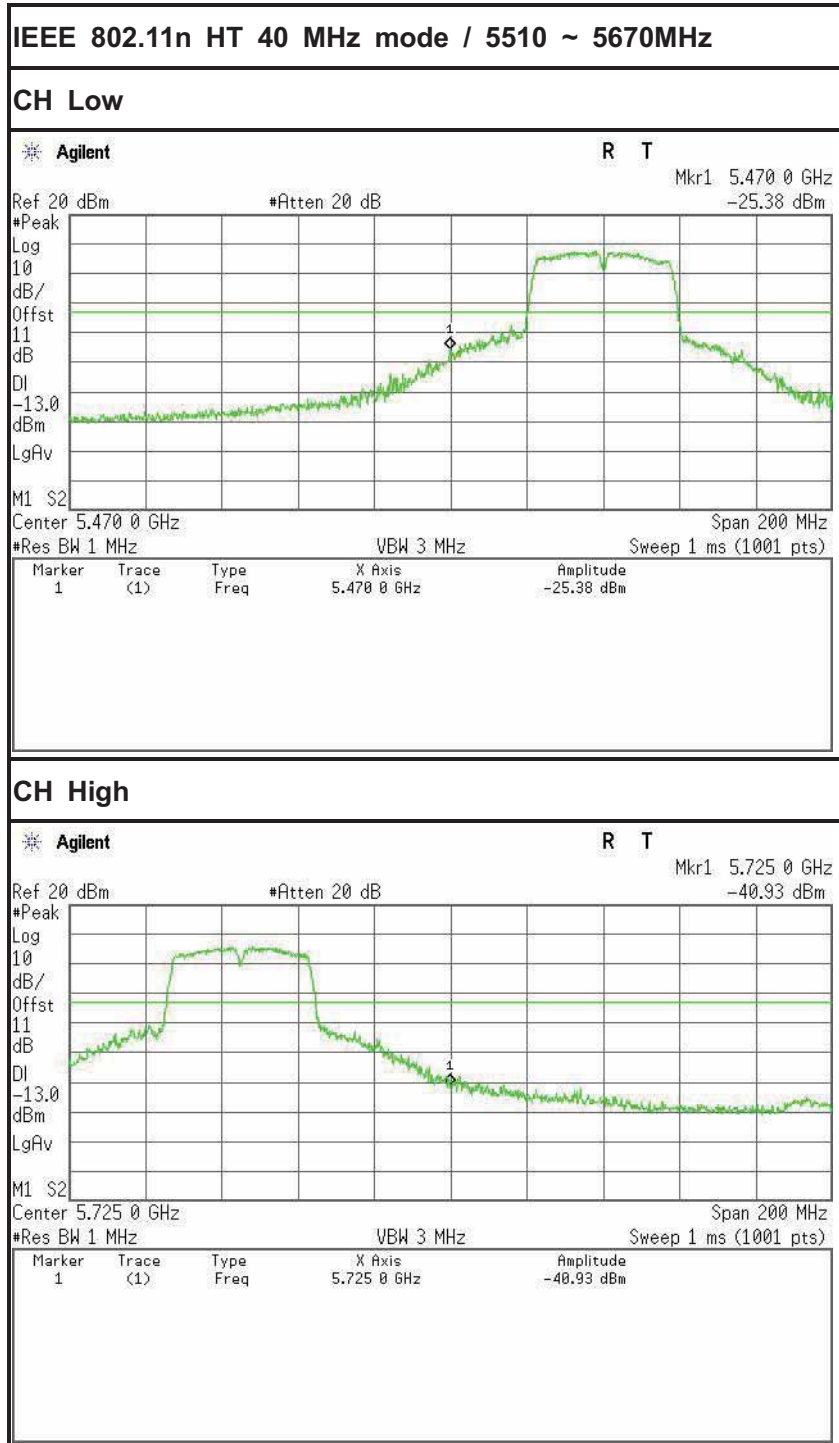


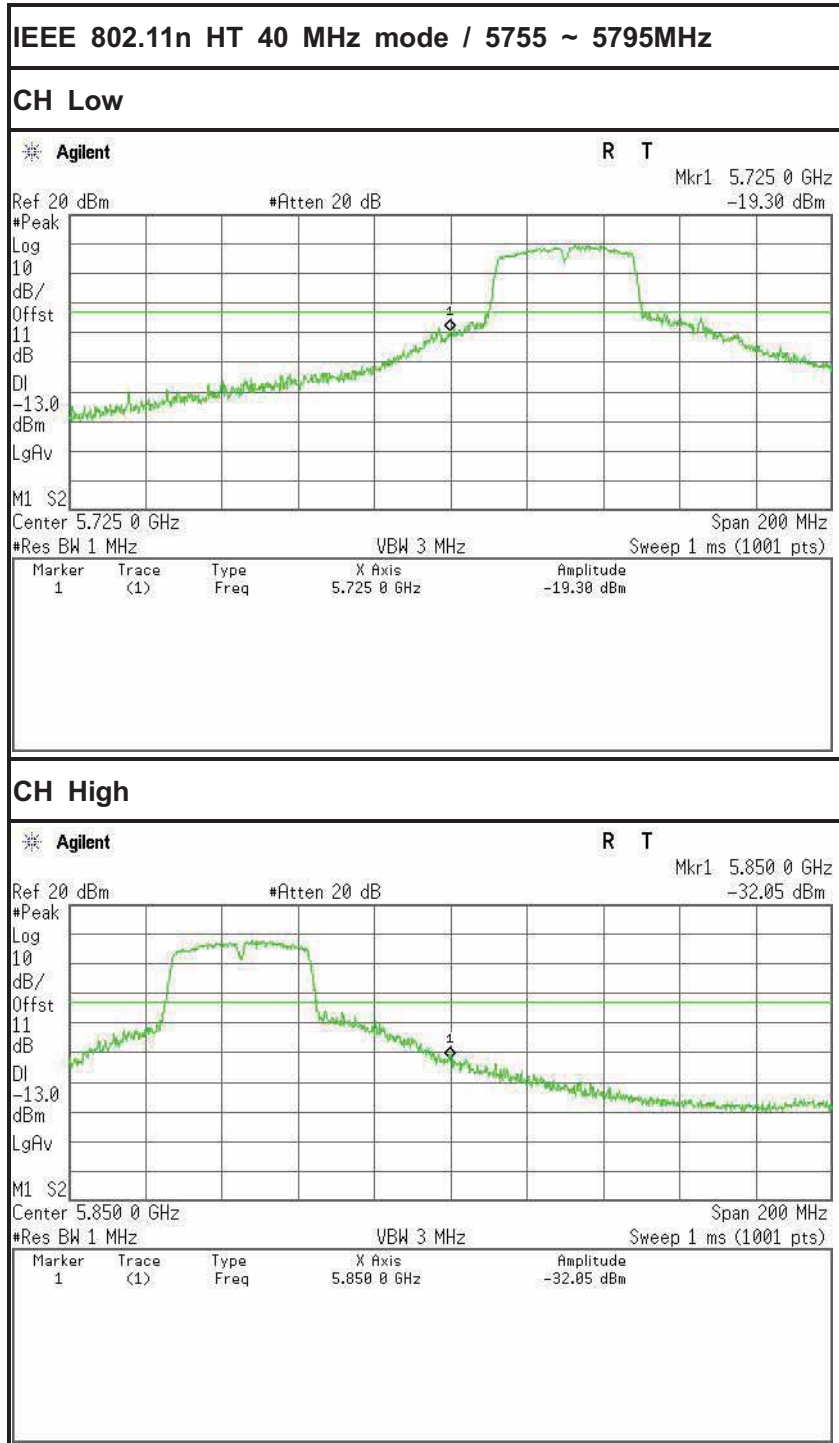














6.9 POWERLINE CONDUCTED EMISSIONS

6.9.1 LIMIT

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

Frequency Range (MHz)	Limits (dB μ V)	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5	56	46
5 to 30	60	50

* Decreases with the logarithm of the frequency.

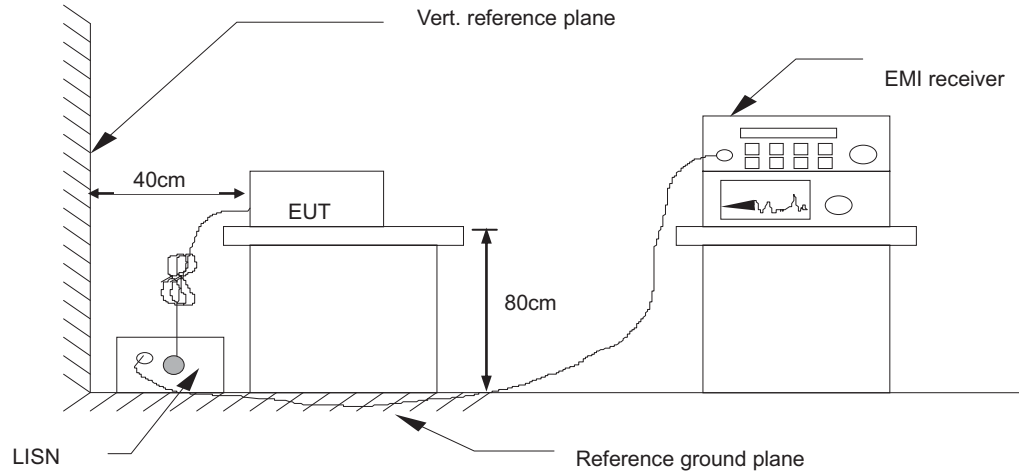
6.9.2 TEST INSTRUMENTS

Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI Test Receiver	Rohde & Schwarz	ESHS30	832354	06/28/2015	06/27/2016
Artificial Mains Networ	Rohde & Schwarz	ENV216	101260	06/28/2015	06/27/2016
Pulse Limiter	Rohde & Schwarz	ESTFD-36-CA-Z2	101100	06/28/2015	06/27/2016

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

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

6.9.3 TEST CONFIGURATION



6.9.4 TEST PROCEDURE

The EUT was placed on a non-metallic table, 80 cm above the ground plane. The EUT was charged from PC's USB port which connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#).. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS30) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked.

6.9.5 DATA SAMPLE

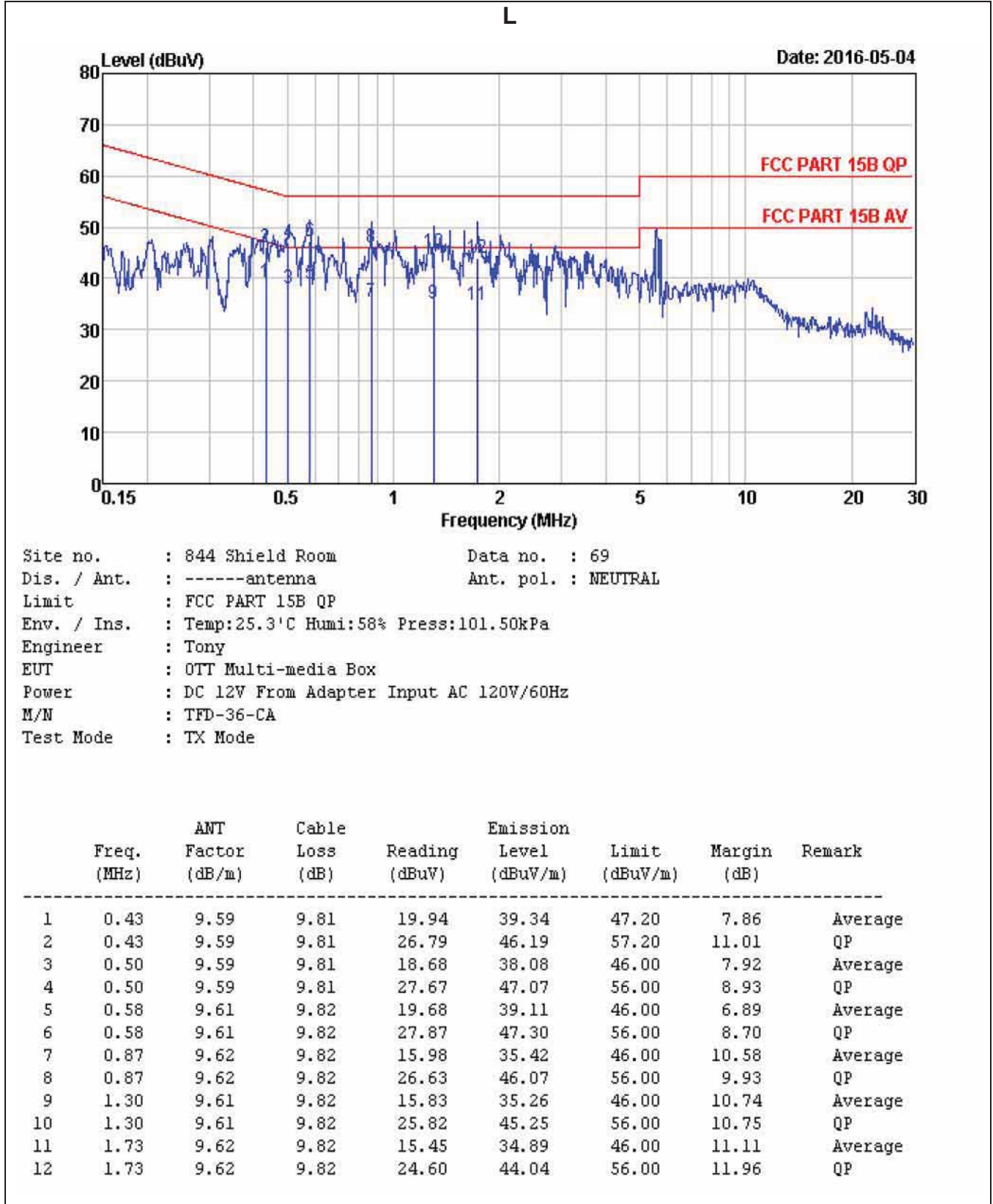
Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62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

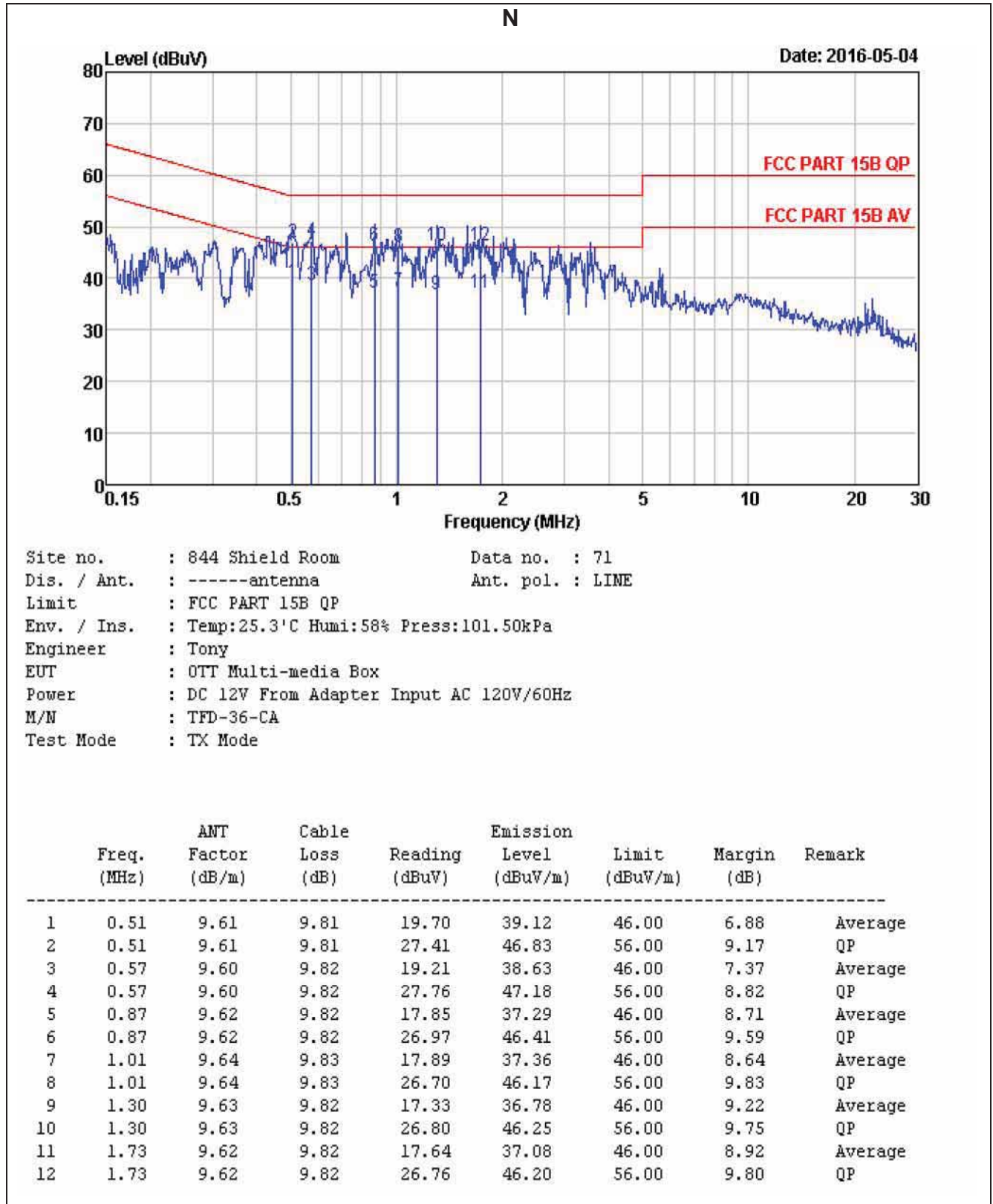
Factor = Insertion loss of LISN + Cable Loss
 Result = Quasi-peak Reading/ Average Reading + Factor
 Limit = Limit stated in standard
 Margin = Result (dBuV) – Limit (dBuV)



6.9.6 TEST RESULTS

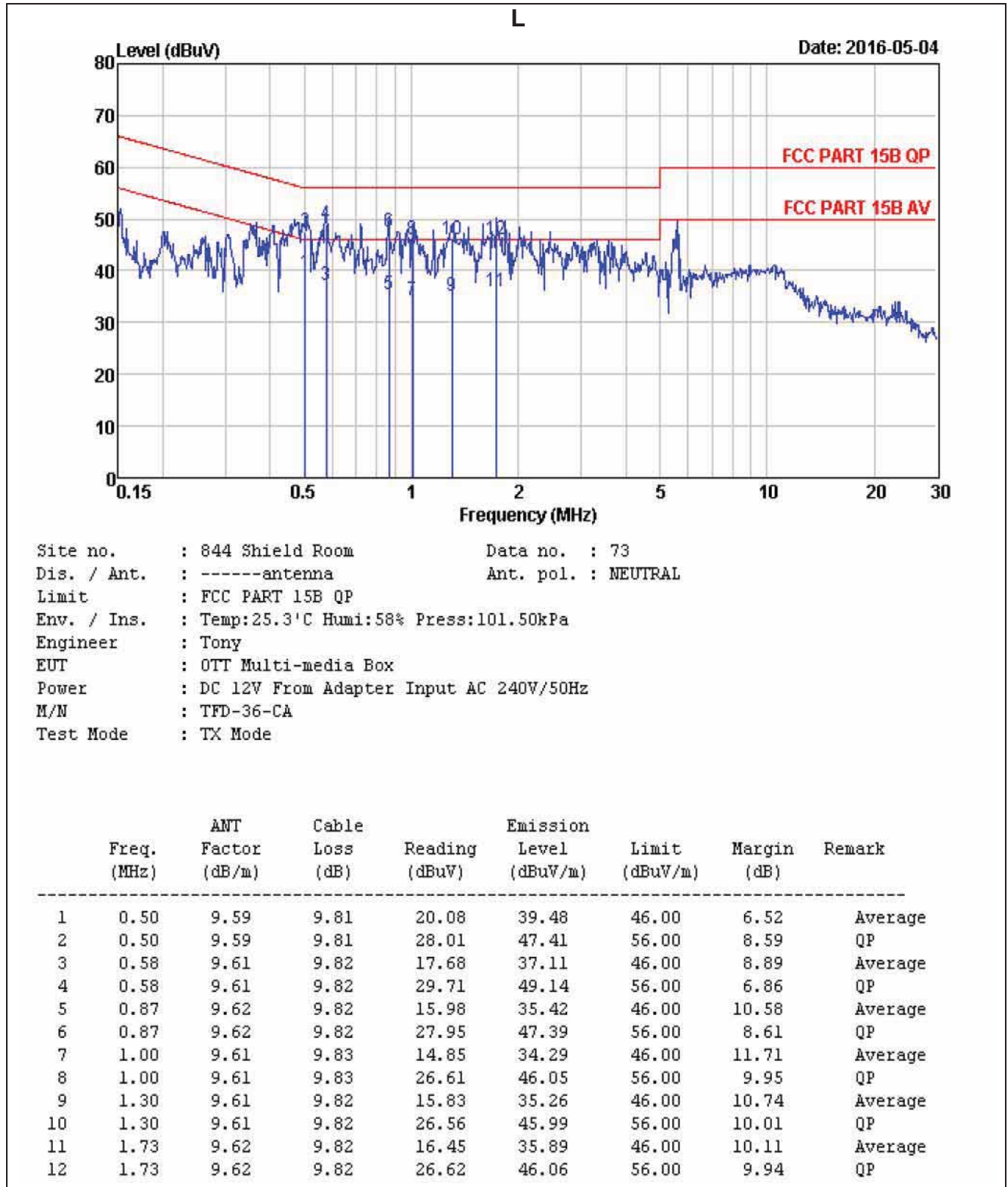
Mode 1



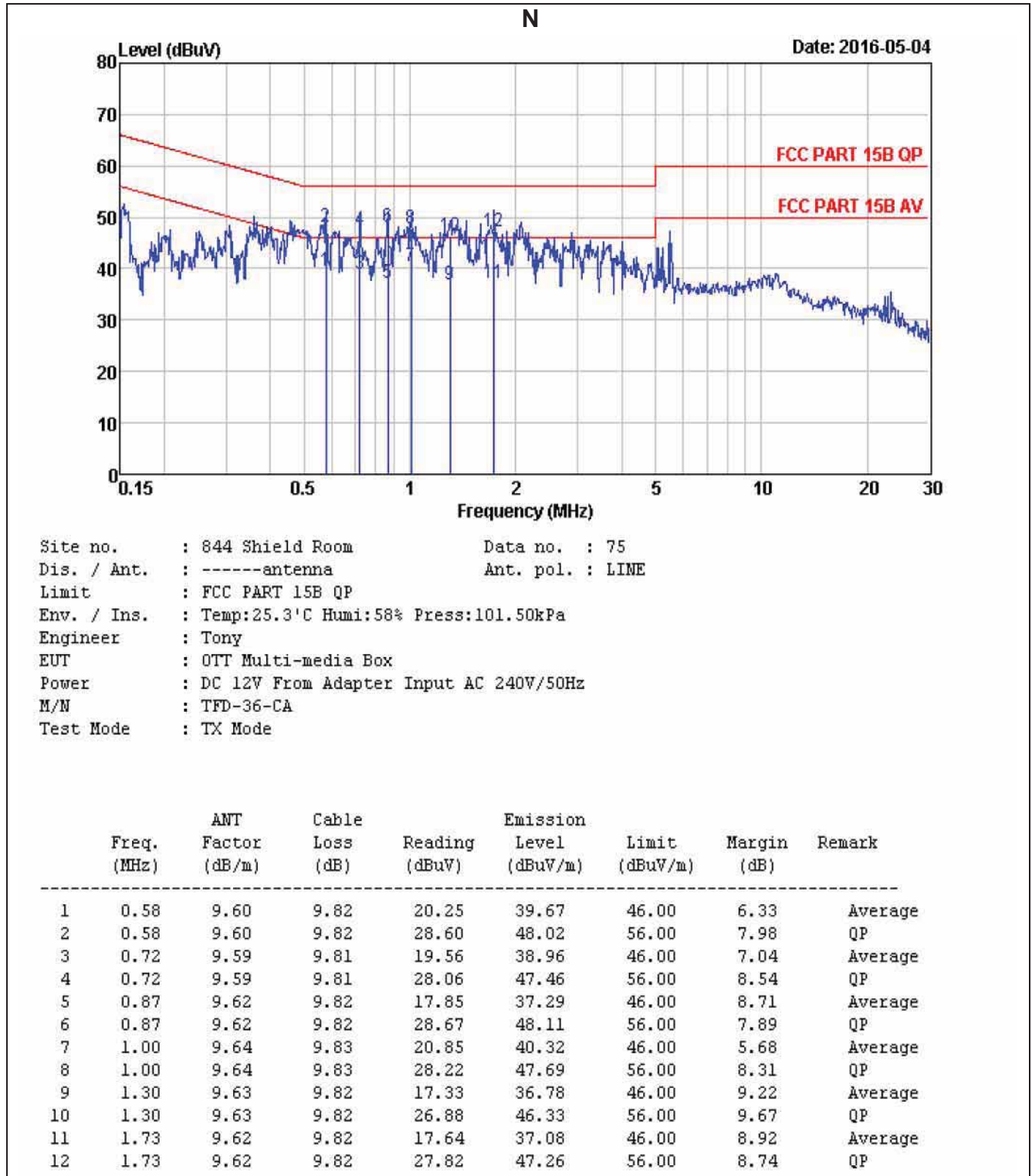




Mode 2



Site no. : 844 Shield Room Data no. : 73
 Dis. / Ant. : -----antenna Ant. pol. : NEUTRAL
 Limit : FCC PART 15B QP
 Env. / Ins. : Temp:25.3'C Humi:58% Press:101.50kPa
 Engineer : Tony
 EUT : OTT Multi-media Box
 Power : DC 12V From Adapter Input AC 240V/50Hz
 M/N : TFD-36-CA
 Test Mode : TX Mode





6.10 FREQUENCY STABILITY

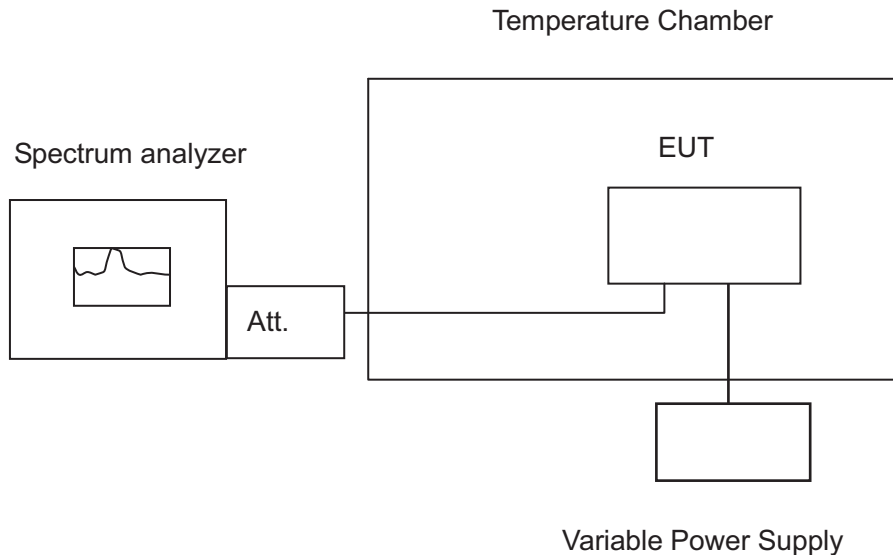
6.10.1 LIMIT

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

6.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017
DC Power Supply	DAZHENG	PS-605D	20018978	N.C.R	N.C.R
AC POWER SOUCE	UMART	HPA1010	N/A	N.C.R	N.C.R
Power Meter	Anritsu	ML2495A	1204003	02/21/2016	02/20/2017
Power Sensor	Anritsu	MA2411B	1126150	02/21/2016	02/20/2017
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2015	11/17/2016
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2016	02/20/2017

6.10.3 TEST CONFIGURATION



Remark: Measurement setup for testing on Antenna connector



6.10.4 TEST PROCEDURE

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

6.10.5 TEST RESULTS

No non-compliance noted.



Test Data

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.954363	5150-5250	PASS
40	120	5179.962479	5150-5250	PASS
30	120	5179.966611	5150-5250	PASS
20	120	5180.000000	5150-5250	PASS
10	120	5179.955844	5150-5250	PASS
0	120	5179.980756	5150-5250	PASS
-10	120	5179.987586	5150-5250	PASS
-20	120	5179.957239	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.990080	5150-5250	PASS
	120	5180.000000	5150-5250	PASS
	132	5179.997790	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.995698	5150-5250	PASS
40	120	5239.990569	5150-5250	PASS
30	120	5239.992166	5150-5250	PASS
20	120	5240.000000	5150-5250	PASS
10	120	5239.979984	5150-5250	PASS
0	120	5239.977902	5150-5250	PASS
-10	120	5239.997311	5150-5250	PASS
-20	120	5239.959547	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.958730	5150-5250	PASS
	120	5240.000000	5150-5250	PASS
	132	5239.980368	5150-5250	PASS



IEEE 802.11a mode / 5260 ~ 5320MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.979023	5250-5350	PASS
40	120	5259.968576	5250-5350	PASS
30	120	5259.990482	5250-5350	PASS
20	120	5260.000000	5250-5350	PASS
10	120	5259.968347	5250-5350	PASS
0	120	5259.969947	5250-5350	PASS
-10	120	5259.989800	5250-5350	PASS
-20	120	5259.982133	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.968903	5250-5350	PASS
	120	5260.000000	5250-5350	PASS
	132	5259.990767	5250-5350	PASS

IEEE 802.11a mode / 5260 ~ 5320MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.954598	5250-5350	PASS
40	120	5319.979792	5250-5350	PASS
30	120	5319.978204	5250-5350	PASS
20	120	5320.000000	5250-5350	PASS
10	120	5319.992338	5250-5350	PASS
0	120	5319.952951	5250-5350	PASS
-10	120	5319.974338	5250-5350	PASS
-20	120	5319.997255	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.996066	5250-5350	PASS
	120	5320.000000	5250-5350	PASS
	132	5319.970922	5250-5350	PASS



IEEE 802.11a mode / 5500 ~ 5700MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.983053	5475-5725	PASS
40	120	5499.951243	5475-5725	PASS
30	120	5499.995962	5475-5725	PASS
20	120	5500.000000	5475-5725	PASS
10	120	5499.952649	5475-5725	PASS
0	120	5499.974885	5475-5725	PASS
-10	120	5499.986319	5475-5725	PASS
-20	120	5499.984984	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.953033	5475-5725	PASS
	120	5500.000000	5475-5725	PASS
	132	5499.960127	5475-5725	PASS

IEEE 802.11a mode / 5500 ~ 5700MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.953388	5475-5725	PASS
40	120	5699.970295	5475-5725	PASS
30	120	5699.978153	5475-5725	PASS
20	120	5700.000000	5475-5725	PASS
10	120	5699.981820	5475-5725	PASS
0	120	5699.959604	5475-5725	PASS
-10	120	5699.986434	5475-5725	PASS
-20	120	5699.960709	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.991641	5475-5725	PASS
	120	5700.000000	5475-5725	PASS
	132	5699.991584	5475-5725	PASS



IEEE 802.11a mode / 5745 ~ 5825MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.974547	5725-5850	PASS
40	120	5744.956630	5725-5850	PASS
30	120	5744.956272	5725-5850	PASS
20	120	5745.000000	5725-5850	PASS
10	120	5744.978498	5725-5850	PASS
0	120	5744.990778	5725-5850	PASS
-10	120	5744.956294	5725-5850	PASS
-20	120	5744.950521	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.969960	5725-5850	PASS
	120	5745.000000	5725-5850	PASS
	132	5744.956179	5725-5850	PASS

IEEE 802.11a mode / 5745 ~ 5825MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.968860	5725-5850	PASS
40	120	5824.970168	5725-5850	PASS
30	120	5824.978966	5725-5850	PASS
20	120	5825.000000	5725-5850	PASS
10	120	5824.967484	5725-5850	PASS
0	120	5824.986755	5725-5850	PASS
-10	120	5824.973614	5725-5850	PASS
-20	120	5824.989711	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.950413	5725-5850	PASS
	120	5825.000000	5725-5850	PASS
	132	5824.956038	5725-5850	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.975311	5150-5250	PASS
40	120	5179.961004	5150-5250	PASS
30	120	5179.951588	5150-5250	PASS
20	120	5180.000000	5150-5250	PASS
10	120	5179.990967	5150-5250	PASS
0	120	5179.952081	5150-5250	PASS
-10	120	5179.975151	5150-5250	PASS
-20	120	5179.972782	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.997446	5150-5250	PASS
	120	5180.000000	5150-5250	PASS
	132	5179.964399	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.973117	5150-5250	PASS
40	120	5239.976751	5150-5250	PASS
30	120	5239.956280	5150-5250	PASS
20	120	5240.000000	5150-5250	PASS
10	120	5239.977355	5150-5250	PASS
0	120	5239.996055	5150-5250	PASS
-10	120	5239.985246	5150-5250	PASS
-20	120	5239.979174	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.966618	5150-5250	PASS
	120	5240.000000	5150-5250	PASS
	132	5239.982653	5150-5250	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.959148	5250-5350	PASS
40	120	5259.986562	5250-5350	PASS
30	120	5259.949983	5250-5350	PASS
20	120	5260.000000	5250-5350	PASS
10	120	5259.987758	5250-5350	PASS
0	120	5259.973222	5250-5350	PASS
-10	120	5259.973881	5250-5350	PASS
-20	120	5259.991473	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.964151	5250-5350	PASS
	120	5260.000000	5250-5350	PASS
	132	5259.991907	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.956740	5250-5350	PASS
40	120	5319.961015	5250-5350	PASS
30	120	5319.968275	5250-5350	PASS
20	120	5320.000000	5250-5350	PASS
10	120	5319.976074	5250-5350	PASS
0	120	5319.949975	5250-5350	PASS
-10	120	5319.950461	5250-5350	PASS
-20	120	5319.966007	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.967475	5250-5350	PASS
	120	5320.000000	5250-5350	PASS
	132	5319.957246	5250-5350	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.972638	5475-5725	PASS
40	120	5499.966117	5475-5725	PASS
30	120	5499.954463	5475-5725	PASS
20	120	5500.000000	5475-5725	PASS
10	120	5499.950409	5475-5725	PASS
0	120	5499.982355	5475-5725	PASS
-10	120	5499.985623	5475-5725	PASS
-20	120	5499.982295	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.975501	5475-5725	PASS
	120	5500.000000	5475-5725	PASS
	132	5499.954413	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.972115	5475-5725	PASS
40	120	5699.978331	5475-5725	PASS
30	120	5699.974935	5475-5725	PASS
20	120	5700.000000	5475-5725	PASS
10	120	5699.979346	5475-5725	PASS
0	120	5699.988503	5475-5725	PASS
-10	120	5699.993474	5475-5725	PASS
-20	120	5699.968793	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.974903	5475-5725	PASS
	120	5700.000000	5475-5725	PASS
	132	5699.992923	5475-5725	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.992146	5725-5850	PASS
40	120	5744.960203	5725-5850	PASS
30	120	5744.982619	5725-5850	PASS
20	120	5745.000000	5725-5850	PASS
10	120	5744.991691	5725-5850	PASS
0	120	5744.980259	5725-5850	PASS
-10	120	5744.956406	5725-5850	PASS
-20	120	5744.988521	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.956451	5725-5850	PASS
	120	5745.000000	5725-5850	PASS
	132	5744.993743	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.967414	5725-5850	PASS
40	120	5824.957838	5725-5850	PASS
30	120	5824.970902	5725-5850	PASS
20	120	5825.000000	5725-5850	PASS
10	120	5824.997393	5725-5850	PASS
0	120	5824.951039	5725-5850	PASS
-10	120	5824.960125	5725-5850	PASS
-20	120	5824.999584	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.979289	5725-5850	PASS
	120	5825.000000	5725-5850	PASS
	132	5824.957425	5725-5850	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.976649	5150-5250	PASS
40	120	5189.997430	5150-5250	PASS
30	120	5189.958848	5150-5250	PASS
20	120	5190.000000	5150-5250	PASS
10	120	5189.971800	5150-5250	PASS
0	120	5189.973979	5150-5250	PASS
-10	120	5189.979854	5150-5250	PASS
-20	120	5189.973824	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.967835	5150-5250	PASS
	120	5190.000000	5150-5250	PASS
	132	5189.981253	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.981185	5150-5250	PASS
40	120	5229.957601	5150-5250	PASS
30	120	5229.989913	5150-5250	PASS
20	120	5230.000000	5150-5250	PASS
10	120	5229.980331	5150-5250	PASS
0	120	5229.950478	5150-5250	PASS
-10	120	5229.986814	5150-5250	PASS
-20	120	5229.985073	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.964402	5150-5250	PASS
	120	5230.000000	5150-5250	PASS
	132	5229.984730	5150-5250	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.972903	5250-5350	PASS
40	120	5269.954403	5250-5350	PASS
30	120	5269.990670	5250-5350	PASS
20	120	5270.000000	5250-5350	PASS
10	120	5269.965951	5250-5350	PASS
0	120	5269.959947	5250-5350	PASS
-10	120	5269.970167	5250-5350	PASS
-20	120	5269.964330	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.956726	5250-5350	PASS
	120	5270.000000	5250-5350	PASS
	132	5269.951985	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.952253	5250-5350	PASS
40	120	5309.961071	5250-5350	PASS
30	120	5309.996477	5250-5350	PASS
20	120	5310.000000	5250-5350	PASS
10	120	5309.975301	5250-5350	PASS
0	120	5309.960936	5250-5350	PASS
-10	120	5309.949878	5250-5350	PASS
-20	120	5309.981788	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.980213	5250-5350	PASS
	120	5310.000000	5250-5350	PASS
	132	5309.949486	5250-5350	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.955564	5475-5725	PASS
40	120	5509.961591	5475-5725	PASS
30	120	5509.953539	5475-5725	PASS
20	120	5510.000000	5475-5725	PASS
10	120	5509.950056	5475-5725	PASS
0	120	5509.953589	5475-5725	PASS
-10	120	5509.999170	5475-5725	PASS
-20	120	5509.994907	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.977083	5475-5725	PASS
	120	5510.000000	5475-5725	PASS
	132	5509.967149	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.975830	5475-5725	PASS
40	120	5669.979018	5475-5725	PASS
30	120	5669.977340	5475-5725	PASS
20	120	5670.000000	5475-5725	PASS
10	120	5669.987539	5475-5725	PASS
0	120	5669.964922	5475-5725	PASS
-10	120	5669.992336	5475-5725	PASS
-20	120	5669.989239	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.954953	5475-5725	PASS
	120	5670.000000	5475-5725	PASS
	132	5669.951575	5475-5725	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.998307	5725-5850	PASS
40	120	5754.961914	5725-5850	PASS
30	120	5754.961716	5725-5850	PASS
20	120	5755.000000	5725-5850	PASS
10	120	5754.984234	5725-5850	PASS
0	120	5754.968920	5725-5850	PASS
-10	120	5754.973942	5725-5850	PASS
-20	120	5754.956706	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.956544	5725-5850	PASS
	120	5755.000000	5725-5850	PASS
	132	5754.950235	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.974403	5725-5850	PASS
40	120	5794.988331	5725-5850	PASS
30	120	5794.962026	5725-5850	PASS
20	120	5795.000000	5725-5850	PASS
10	120	5794.978735	5725-5850	PASS
0	120	5794.994398	5725-5850	PASS
-10	120	5794.997438	5725-5850	PASS
-20	120	5794.970852	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.993396	5725-5850	PASS
	120	5795.000000	5725-5850	PASS
	132	5794.985744	5725-5850	PASS