

FCC 47 CFR PART15 SUBPART E

Test Report

For

Prepared by

Product Name: 4G Smartphone

Brand Name: Mobewire, Altice

Model No.: MobiWire Huritt, Altice S61

Series Model: N/A

FCC ID: QPN-S61

Test Report Number:

C180816R01-RPW1

Issued for

Mobiwire SAS

79 avenue Francois Arago, 92000 NANTERRE France

Issued by

Compliance Certification Services Inc.

Kun shan Laboratory

No.10 Weiye Rd., Innovation park, Eco&Tec,
Development Zone, Kunshan City, Jiangsu, China

TEL: 86-512-57355888

FAX: 86-512-57370818



TESTING CERT #2541.01

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Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	August 22, 2018	C180816R01 -RPW1	ALL	N/A
01	September 17, 2018	C180816R01 -RPW1	P5	Add the information of EUT antenna.

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1 TEST RESULT CERTIFICATION

Product Name:	4G Smartphone
Trade Name:	Mobiwire, Altice
Model Name.:	MobiWire Huritt, Altice S61
Series Model:	N/A
Applicant Discrepancy:	Initial
Device Category:	Portable unit
Date of Test:	August 17, 2018~August 22, 2018
Applicant:	Mobiwire SAS 79 avenue Francois Arago, 92000 NANTERRE France
Manufacturer:	Mobiwire SAS 79 avenue Francois Arago, 92000 NANTERRE France
Application Type:	Certification

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 15 Subpart E	No non-compliance noted

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 15.207, 15.209, 15.407 and KDB 789033.

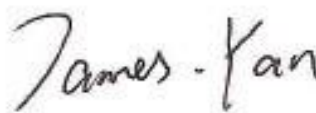
The test results of this report relate only to the tested sample EUT identified in this report.

Approved by:



Jeff.Fang
RF Manager
Compliance Certification Service Inc.

Tested by:



James.Yan
Test Engineer
Compliance Certification Service Inc.

2 EUT DESCRIPTION

Product Name:	4G Smartphone
Brand Name:	Mobiwire, Altice
Model Name:	MobiWire Huritt, Altice S61
Series Model:	N/A
Model Discrepancy:	N/A
Power Adapter Power Rating :	Adapter Brand Name: MobiWire Model : A88-502000 Output: 5.0V — 2000mA Input: 100-240V~ 50-60Hz 0.35A
Frequency Range :	IEEE802.11a mode :5150MHz~5350MHz;5470MHz-5725MHz;5725MHz-5850MHz IEEE802.11n HT20 mode: 5150MHz~5350MHz;5470MHz-5725MHz;5725MHz-5850MHz IEEE802.11n HT40 mode: 5150MHz~5350MHz;5470MHz-5725MHz;5725MHz-5850MHz
Modulation Technique:	IEEE 802.11a: OFDM IEEE 802.11n HT20 MHz Mode: OFDM IEEE 802.11n HT40 MHz Mode: OFDM
Antenna Type:	PIFA antenna
Antenna Specification:	5G wifi : 1dBi

Remark:

1. The sample selected for test was engineering sample that approximated to production product and was provided by manufacturer.
2. This submittal(s) (test report) is intended for **FCC ID: QPN-S61** filing to comply with FCC Part 15, Subpart E Rules.

3 TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10 2013 and FCC CFR 47 15.207, 15.209, 15.407 and KDB 789033.

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed for RF field strength measurement to meet the Commissions requirement, and is operated in a manner intended to generate the maximum emission in a continuous normal application.

3.2 EUT EXERCISE

The EUT is operated in the engineering mode to fix the Tx frequency for the purposes of measurement.

According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

3.3 GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2 of ANSI C63.10 2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

Under 1GHz

The EUT is placed on a turn table, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 6.4 & 6.5 of ANSI C63.10:2013.

Above 1GHz

The EUT is placed on a turn table, which is 1.5 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 6.6 of ANSI C63.10:2013.

3.4 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

1. Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	13.36 - 13.41	322.0 - 335.4	3600 - 4400
0.495 - 0.505 ⁽¹⁾	16.42 - 16.423	399.9 - 410	4.50 - 5.15
2.1735 - 2.1905	16.69475 - 16.69525	608 - 614	5.35 - 5.46
4.125 - 4.128	16.80425 - 16.80475	960.0 - 1240	7.25 - 7.75
4.17725 - 4.17775	25.50 - 25.67	1300 - 1427	8.025 - 8.500
4.20725 - 4.20775	37.50 - 38.25	1435.0 - 1626.5	9.0 - 9.2
6.215 - 6.218	73.00 - 74.60	1645.5 - 1646.5	9.3 - 9.5
6.26775 - 6.26825	74.80 - 75.20	1660 - 1710	10.6 - 12.7
6.31175 - 6.31225	108.00 - 121.94	1718.8 - 1722.2	13.25 - 13.4
8.291 - 8.294	123 - 138	2200 - 2300	14.47 - 14.5
8.362 - 8.366	149.90 - 150.05	2310 - 2390	15.35 - 16.2
8.37625 - 8.38675	156.52475 - 156.52525	2483.5 - 2500.0	17.7 - 21.4
8.41425 - 8.41475	156.70 - 156.90	2655 - 2900	22.01 - 23.12
12.29 - 12.293	162.0125 - 167.1700	3260 - 3267	23.6 - 24.0
12.51975 - 12.52025	167.72 - 173.20	3332 - 3339	31.2 - 31.8
12.57675 - 12.57725	240 - 285	3345.8 - 3358.0	36.43 - 36.5 ⁽²⁾

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

2. Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

3.5 DESCRIPTION OF TEST MODES

The EUT transmitting and receiving with one antenna working at a/an mode, so 1x1 configuration was used for all testing in this report.

Software used to control the EUT for staying in continuous transmitting mode was programmed.

After verification, all tests were carried out with the worst case test modes as shown below except radiated spurious emission below 1GHz, which worst case was in normal link mode only.

IEEE 802.11a mode:

Channel Low, Channel Mid and Channel High with 6Mbps data rate were chosen for full testing.

IEEE 802.11n HT20 MHz Channel mode:

Channel Low, Channel Mid and Channel High with MCS0 data rate were chosen for full testing.

IEEE 802.11n HT40 MHz Channel mode:

Channel Low and Channel High with MCS0 data rate were chosen for full testing.

3.6 POWER SETTING

U-NII-1

Mode	Channel	Setting
IEEE802.11a mode	5180	17
	5200	17
	5240	17
IEEE 802.11n HT20 mode	5180	17
	5200	17
	5240	17
IEEE 802.11n HT40 mode	5190	17
	5230	17

U-NII-2A

Mode	Channel	Setting
IEEE802.11a mode	5260	17
	5300	17
	5320	17
IEEE 802.11n HT20 mode	5260	17
	5300	17
	5320	17
IEEE 802.11n HT40 mode	5270	17
	5310	16

U-NII-2C

Mode	Channel	Setting
IEEE802.11a mode	5500	17
	5600	17
	5700	17
IEEE 802.11n HT20 mode	5500	17
	5600	17
	5700	17
IEEE 802.11n HT40 mode	5510	17
	5590	17
	5670	17

U-NII-3

Mode	Channel	Setting
IEEE802.11a mode	5745	17
	5785	17
	5825	17
IEEE 802.11n HT20 mode	5745	17
	5785	17
	5825	17
IEEE 802.11n HT40 mode	5755	17
	5795	17

4 INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

4.1 MEASUREMENT EQUIPMENT USED

977 Chamber					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Data	Calibration Due
Spectrum Analyzer	Agilent	E4446A	MY44020154	2017-9-4	2018-9-3
Spectrum Analyzer	RS	FSU26	200789	2018-7-13	2019-7-12
EMI Test Receiver	R&S	ESCI	101378	2017-12-26	2018-12-25
Amplifier	COM-POWER	PAM-840A	461332	2017-11-29	2018-11-28
Amplifier	MITEQ	JS41-00101800-32-10P	1675713	2018-7-13	2019-7-12
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9170	9170-515	2018-2-27	2019-2-26
Bilog Antenna	Teseq	CBL 6112D	36996	2018-7-7	2019-7-6
Loop Antenna	COM-POWER	AL-130R	10160008	2018-5-8	2019-5-7
Horn-antenna	SCHWARZBECK	9120D	D:266	2018-2-26	2019-2-25
Horn-antenna	SCHWARZBECK	9120D	D:267	2017-11-5	2018-11-4
Turn Table	CT	CT123	4165	N.C.R	N.C.R
Antenna Tower	CT	CTERG23	3256	N.C.R	N.C.R
Controller	CT	CT100	95637	N.C.R	N.C.R
Cable	REBES MICROWAVE	Cable-93	N/A	2017-10-29	2018-10-28
Cable	REBES MICROWAVE	Cable-94	N/A	2017-10-29	2018-10-28
Cable	REBES MICROWAVE	Cable-95	N/A	2017-10-29	2018-10-28
Cable	N/A	Cable-03	N/A	2018-4-24	2019-4-23
Cable	N/A	Cable-04	N/A	2018-4-24	2019-4-23
Filter 5150MHz-5350MHz	N/A	N/A	N/A	2018-4-24	2019-4-23
Filter 5470MHz-5725MHz	N/A	N/A	N/A	2018-4-24	2019-4-23
Filter 5725MHz-5850MHz	N/A	N/A	N/A	2018-4-24	2019-4-23
Test Software			EZ-EMC		

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

4.2 MEASUREMENT UNCERTAINTY

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR 100 028-1 [2] and shall correspond to an expansion factor (coverage factor) $k = 1,96$ or $k = 2$ (which provide confidence levels of respectively 95 % and 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Table 6 is based on such expansion factors.

Table 6: Maximum measurement uncertainty

Parameter	Uncertainty
RF output power, conducted	$\pm 1.129\text{dB}$
Unwanted Emissions, conducted	$\pm 2.406\text{dB}$
RF Power density, conducted	$\pm 2.379\text{dB}$
Conducted emissions	$\pm 2.582\text{dB}$
All emissions, radiated (Below 1GHz)	$\pm 4.725\text{dB}$
All emissions, radiated (Above 1GHz)	$\pm 4.818\text{dB}$
Temperature	$\pm 0.3\text{dB}$
Supply voltages	$\pm 0.2\%$

5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

☒ No.10Weiye Rd., Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

The sites are constructed in conformance with the requirements of ANSI C63.10:2013 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with preselectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3 TABLE OF ACCREDITATIONS AND LISTINGS

FCC –Designation Number: CN1172.

Compliance Certification Services Inc. Kun shan Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files and the Designation Number: CN1172.

5.4 TABLE OF ACCREDITATIONS AND LISTINGS

Country	Agency	Scope of Accreditation	Logo
USA	A2LA	47 CFR FCC, Part 15, Subpart B (using ANSI 63.4 :2009 and ANSI C63.4:2014); ICES-003; 47 CFR FCC, Part 18 (using MP-5:1986); ICES-001; VCCI - V3; VCCI-CISPR-32 (up to 6GHz); VCCI 32-1; CNS 13438 (up to 6GHz); CNS 13439; CNS 13803; CISPR 11; EN 55011; CISPR 13; EN 55013; CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; EN 55032; AS/NZS CISPR 32; EN 55014-1 (excluding clicks); CISPR 14-1 (excluding clicks); EN 55015; CISPR 15; IEC 61000-3-2; EN 61000-3-2; AS/NZS 61000.3.2 IEC 61000-3-3; EN 61000-3-3; AS/NZS 61000.3.3 IEC 61000-4-2; EN 61000-4-2; AS/NZS 61000.4.2 IEC 61000-4-3; EN 61000-4-3; AS/NZS 61000.4.3 IEC 61000-4-4; EN 61000-4-4; AS/NZS 61000.4.4 IEC 61000-4-5; EN 61000-4-5; AS/NZS 61000.4.5 IEC 61000-4-6; EN 61000-4-6; AS/NZS 61000.4.6 IEC 61000-4-8; EN 61000-4-8; AS/NZS 61000.4.8 IEC 61000-4-11; EN 61000-4-11; AS/NZS 61000.4.11 EN 61000-6-1; EN 61000-6-2; EN 61000-6-3 (excluding discontinuous interference); EN 61000-6-4; IEC 61000-6-1; IEC 61000-6-2; IEC 61000-6-3 (excluding discontinuous interference); IEC 61000-6-4; AS/NZS 61000.6.1; AS/NZS 61000.6.2; AS/NZS 61000.6.3 (excluding discontinuous interference); AS/NZS 61000.6.4; EN 55024; CISPR 24; AS/NZS CISPR 24; EN 61547; IEC 61547; EN 60601-1-2; IEC 60601-1-2; EN 50130-4; EN 55014-2; CISPR 14-2; EN 62040-2; IEC 62040-2; EN 61204-3; IEC 61204-3; EN 50121-1; EN 50121-3-2; EN 50121-4; EN 50121-5; EN 50155 (clauses 5.4 and 5.5); EN 61326-1; IEC 61326-1; EN 50083-2; EN 300 386; EN 301 489-1 (excluding Section 9.6); EN 301 489-3; EN 301 489-7; EN 301 489-17; EN 301 489-19; EN 301 489-24; EN 301 489-25; EN 301 489-34 FCC Part 15, Subparts 15C, 15E (KDB 905462 D03 (v01r02)) (using ANSI C63.4:2009, ANSI C63.4:2014 and ANSI C63.10:2013) FCC Parts 22E, 24E (using ANSI/TIA-603-D) RSS-132; RSS-133; RSS-210; RSS-247 (excluding DFS testing) EN 300 220-1; EN 300 220-2; EN 300 328; EN 300 330-1; EN 300 330-2; EN 300 440-1; EN 300 440-2; EN 301 893 (excluding DFS testing); EN 301 511 (clauses 4.2.12 to 4.2.19, and 5.2.12 to 5.2.19); EN 301 908-1 (clauses 4.2.2, 4.2.3, 5.3.1, and 5.3.2);	 ACCREDITED TESTING CERT #2541.01

		EN 301 908-2 (clauses 4.2.4, 4.2.10, 5.3.3, and 5.3.9) AS/NZS 4268 IEEE Std 1528:2013; EN 50360; EN 50566; EN 62479; EN 50383; EN 50385; EN 62311; IEC 62209-1; EN 62209-1; IEC 62209-2; EN 62209-2; CNS 14958-1; CNS 14959; RSS-102; ACMA Radio Communications (Electromagnetic Radiation – Human Exposure) Standard 2014	
USA	FCC	3/10 meter Sites to perform FCC Part 15/18 measurements	 CN1172
Japan	VCCI	3/10 meter Sites and conducted test sites to perform radiated/conducted measurements	VCCI R-1600 C-1707 G-216

6 SETUP OF EQUIPMENT UNDER TEST

6.1 SUPPORT EQUIPMENT

No.	Equipment	Model No.	Serial No.
1	N/A	N/A	N/A

Remark:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

7 FCC PART 15 REQUIREMENTS

7.1 RADIATED BAND EDGES AND SPURIOUS EMISSIONS

LIMIT

Radiated emissions from 9 kHz to 40 GHz were measured according to the methods defines in ANSI C63.10-2013. The EUT was placed above the ground plane, 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

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:

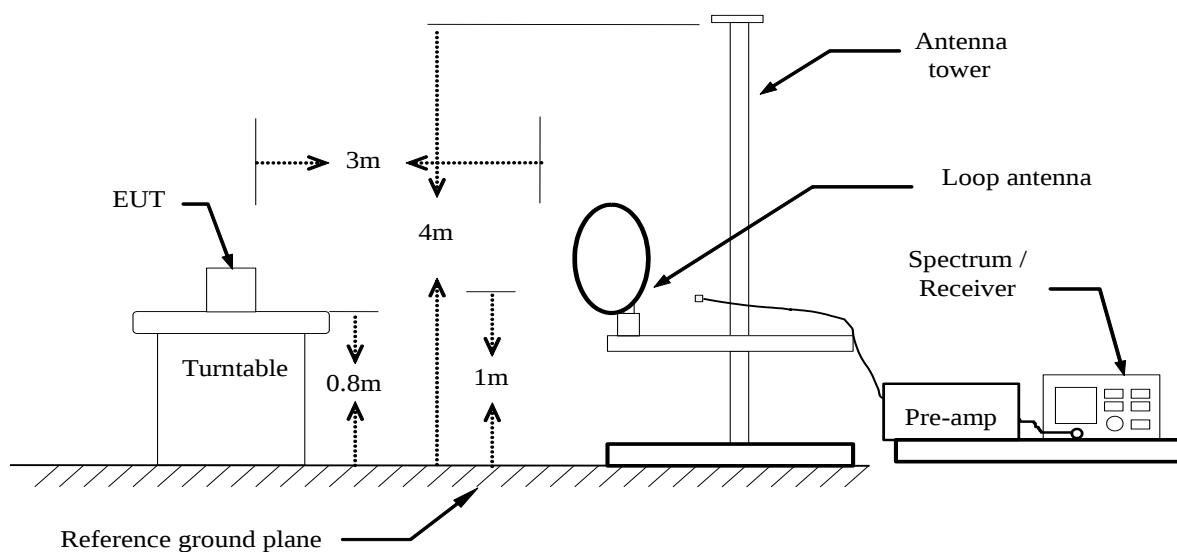
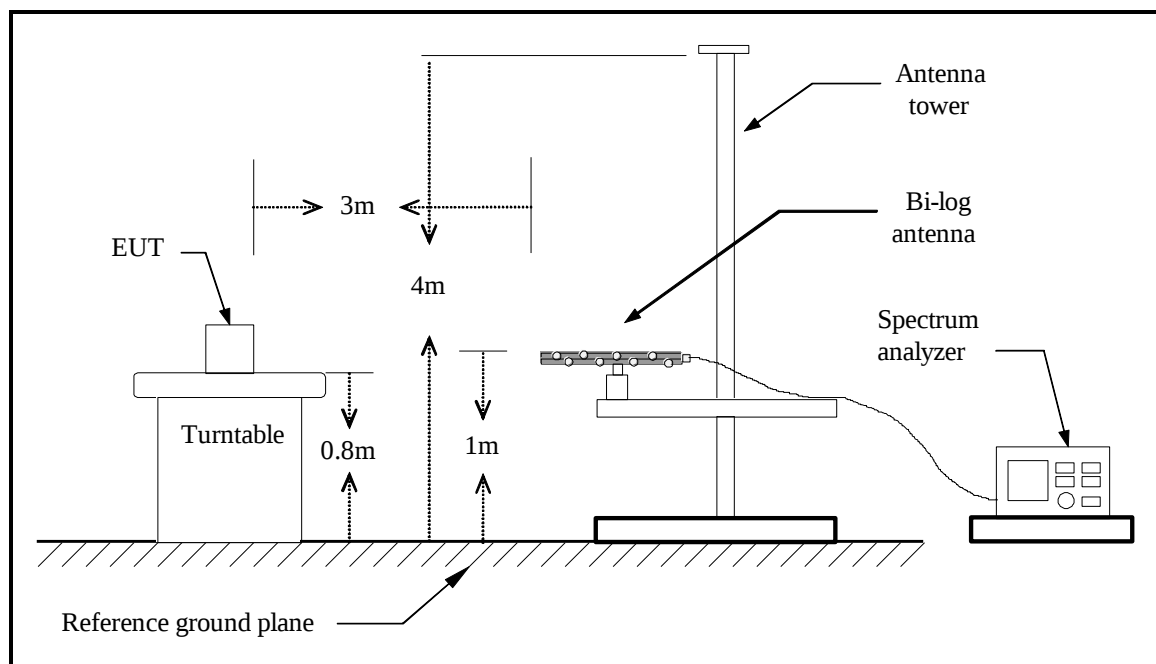
FREQUENCIES(MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE(meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

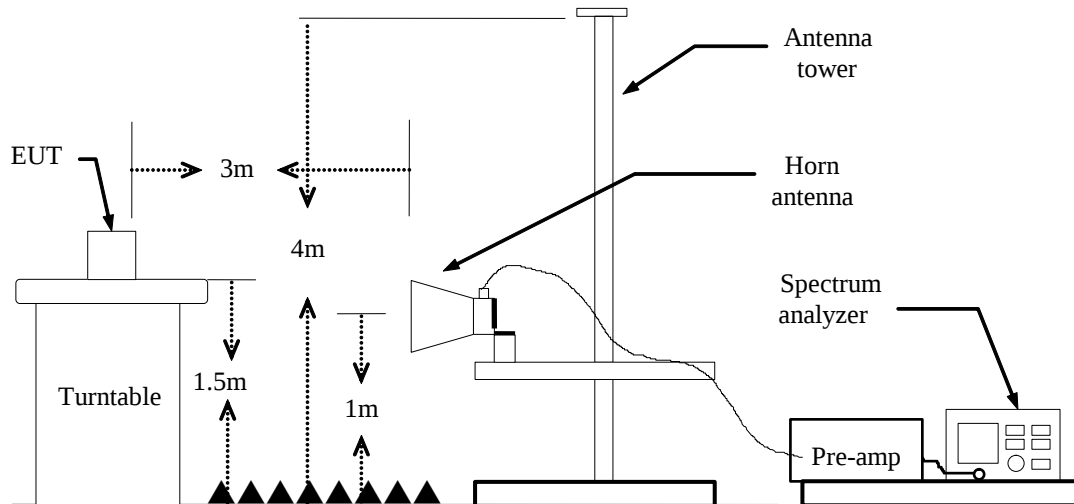
Remark: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of 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 (μ V/m at 3-meter)	Field Strength (dB μ V/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Test Configuration

Below 30MHz**Below 1 GHz**

Above 1 GHz**TEST PROCEDURE**

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

Below 1GHz:

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

Above 1GHz:

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

AVERAGE: RBW=1MHz / Sweep=AUTO

VBW=10Hz, when duty cycle is no less than 98 percent.

VBW $\geq 1/T$, when duty cycle is less than 98 percent, where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

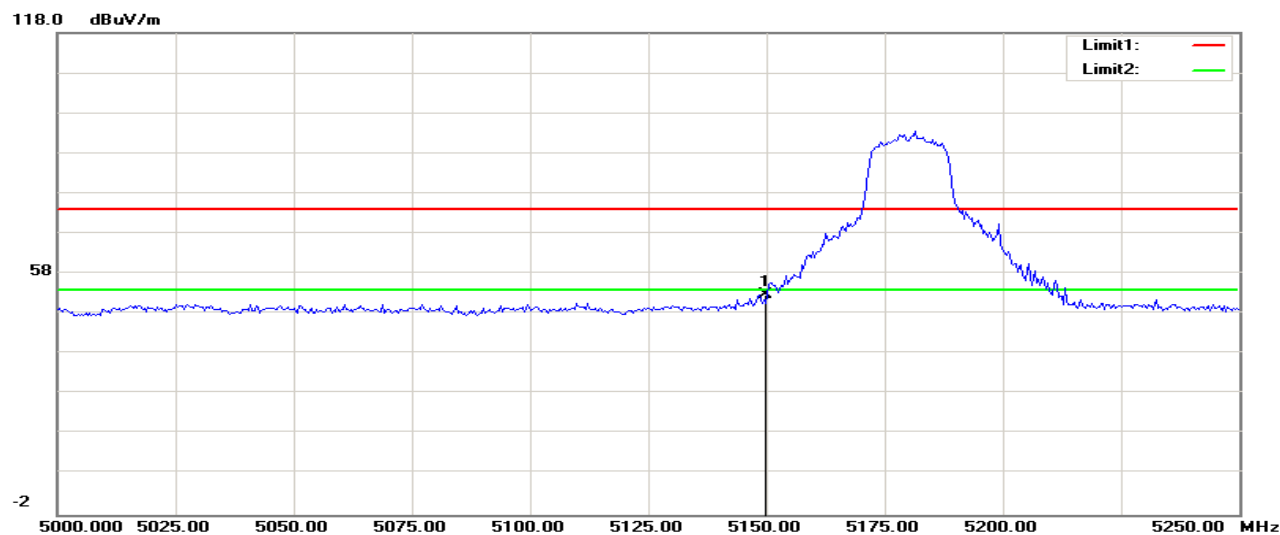
7. Repeat above procedures until the measurements for all frequencies are complete.

TEST RESULTS

Band Edges (IEEE 802.11a mode)

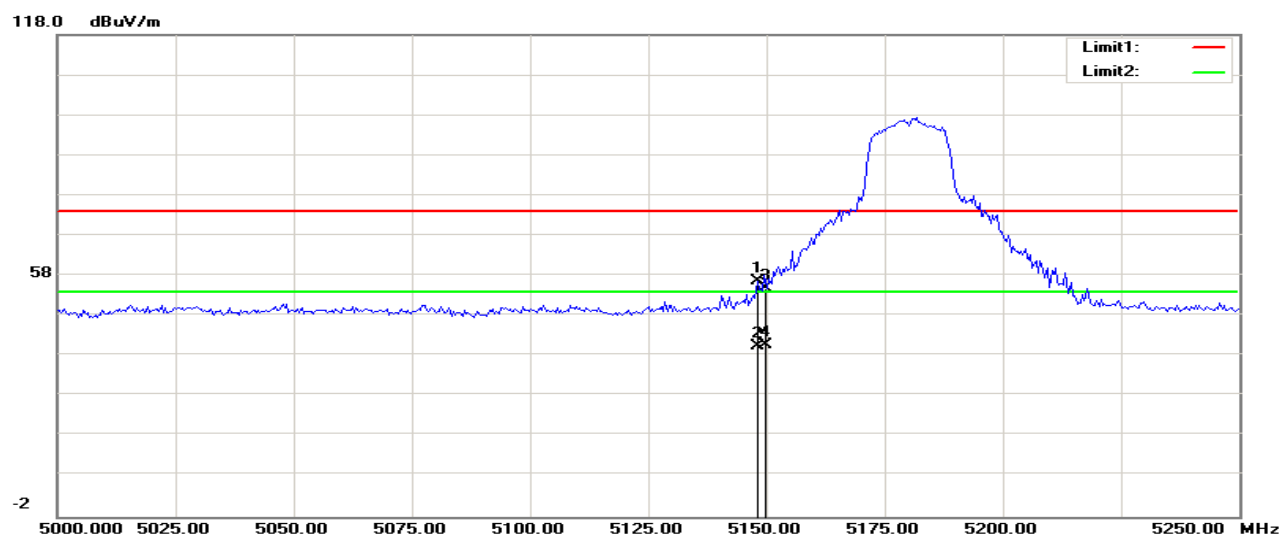
5180MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5150.000	51.96	0.76	52.72	74.00	-21.28	200	318	peak

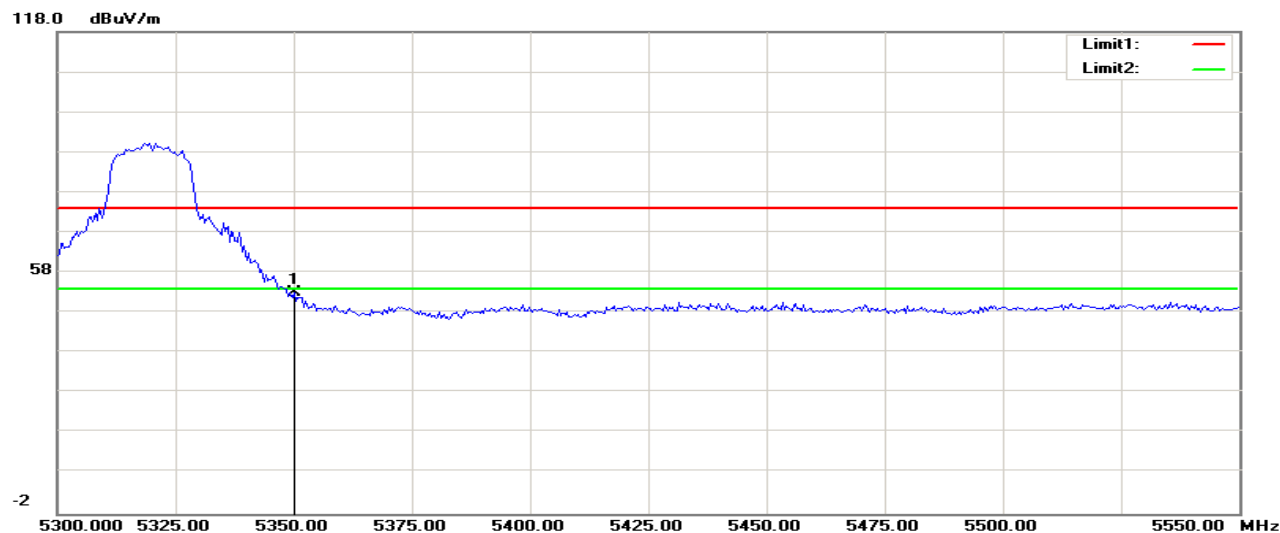
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5148.237	55.76	0.76	56.52	74.00	-17.48	100	49	peak
2	5148.237	39.66	0.76	40.42	54.00	-13.58	100	38	AVG
3	5150.000	54.20	0.76	54.96	74.00	-19.04	200	72	peak
4	5150.000	40.08	0.76	40.84	54.00	-13.16	100	80	AVG

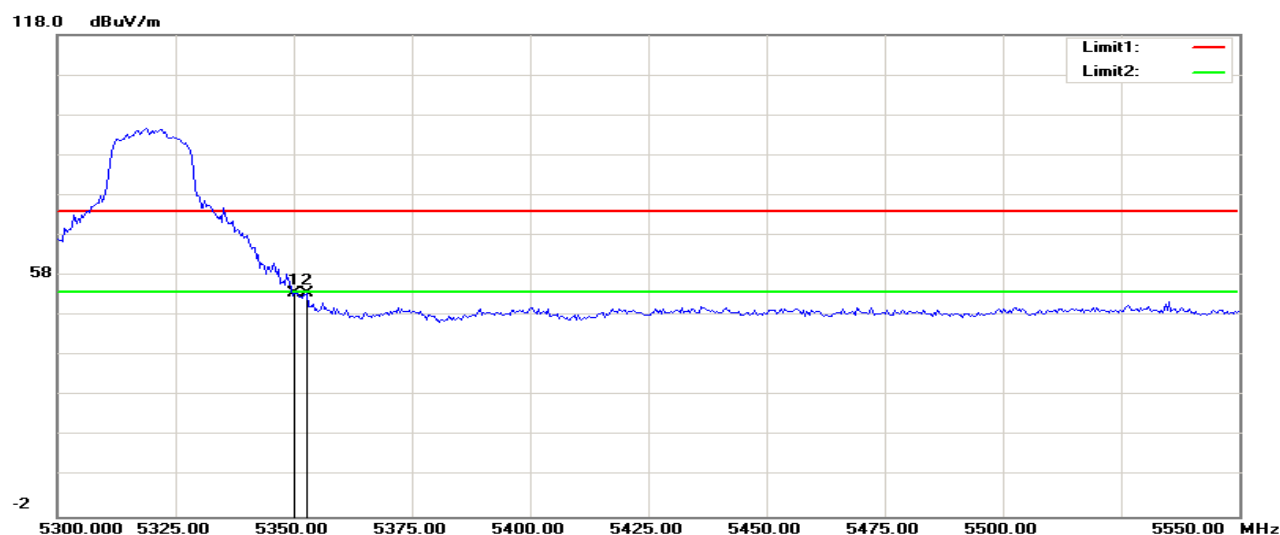
5320MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	52.27	0.84	53.11	74.00	-20.89	200	154	peak

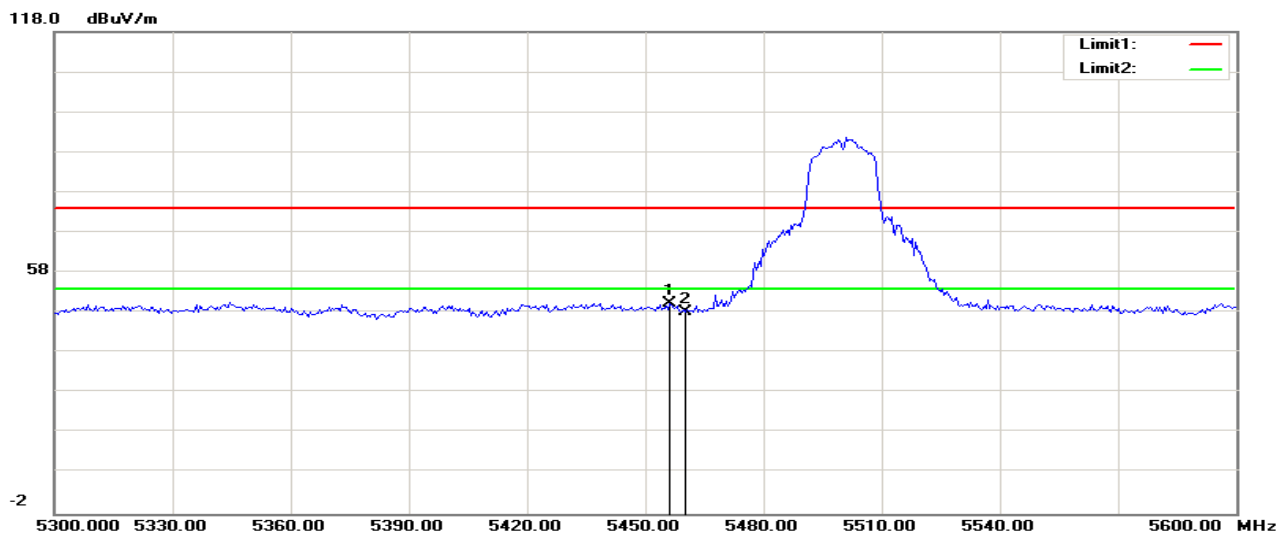
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	52.89	0.84	53.73	74.00	-20.27	200	202	peak
2	5352.885	52.93	0.85	53.78	74.00	-20.22	100	0	peak

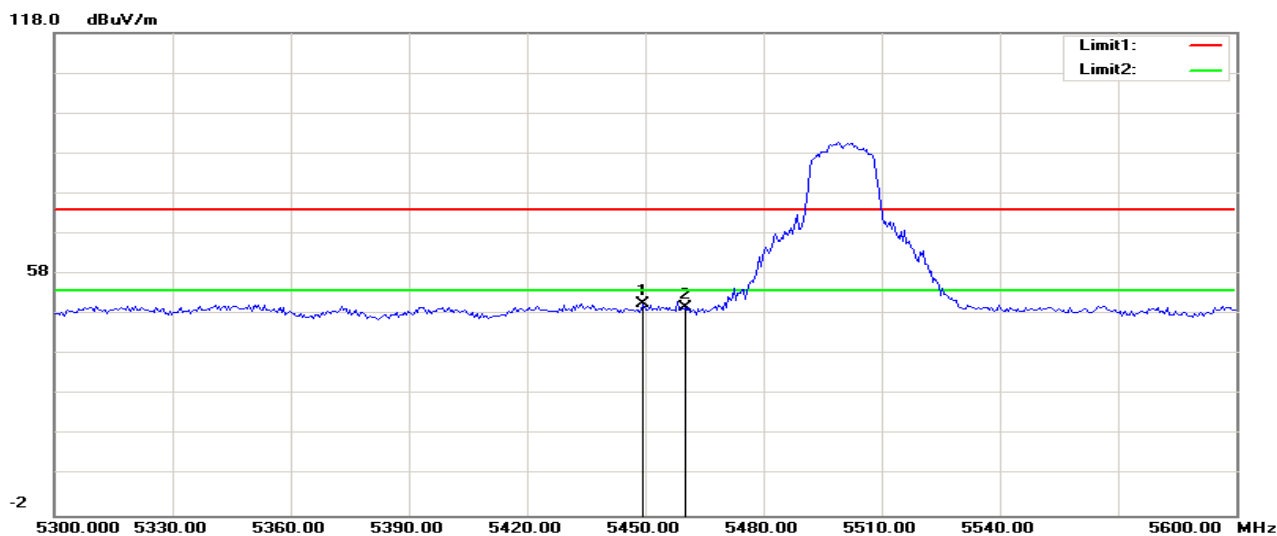
5500MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5456.250	49.60	0.89	50.49	74.00	-23.51	200	331	peak
2	5460.000	47.51	0.89	48.40	74.00	-25.60	200	215	peak

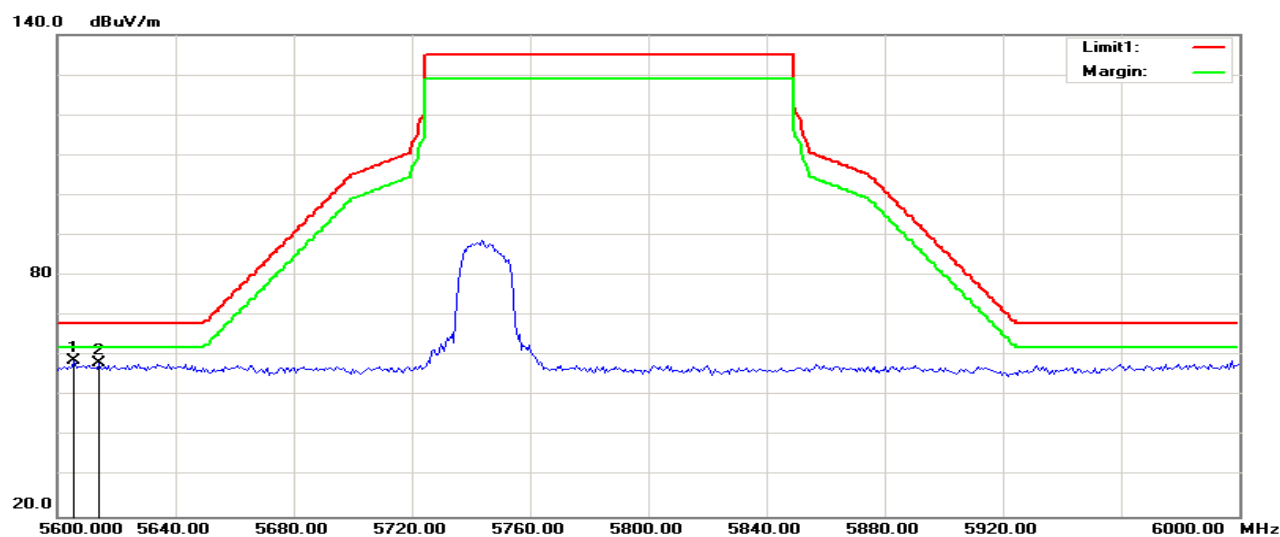
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5449.519	49.82	0.89	50.71	74.00	-23.29	100	0	peak
2	5460.000	48.85	0.89	49.74	74.00	-24.26	100	270	peak

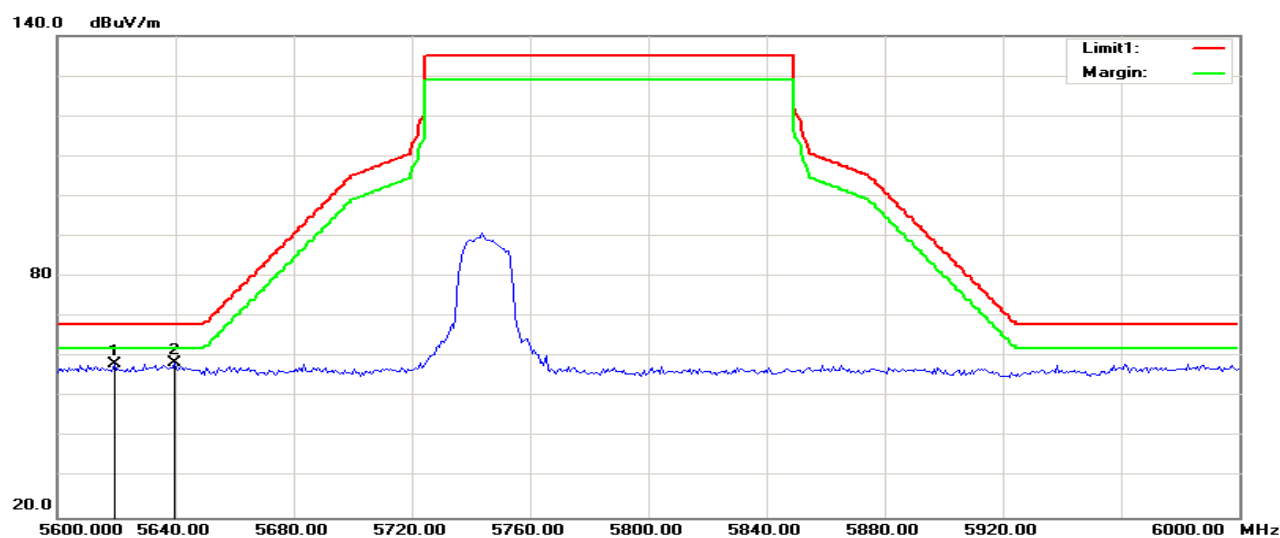
5745MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5605.769	57.62	1.08	58.70	68.20	-9.50	300	4	peak
2	5614.103	57.19	1.09	58.28	68.20	-9.92	200	360	peak

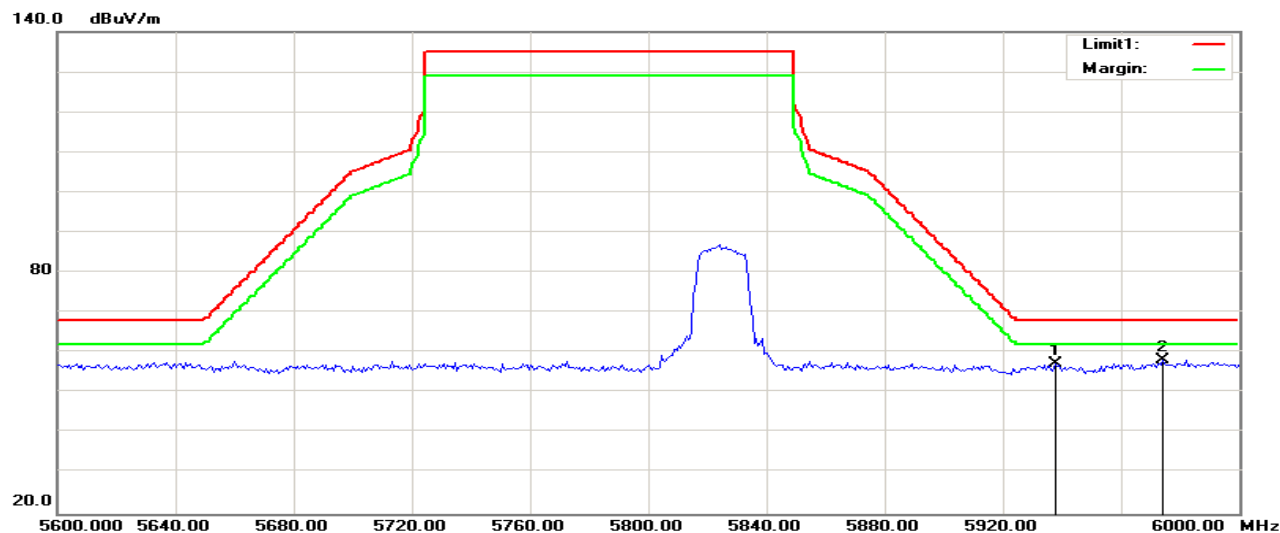
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5619.231	57.27	1.10	58.37	68.20	-9.83	300	0	peak
2	5639.744	57.45	1.13	58.58	68.20	-9.62	200	241	peak

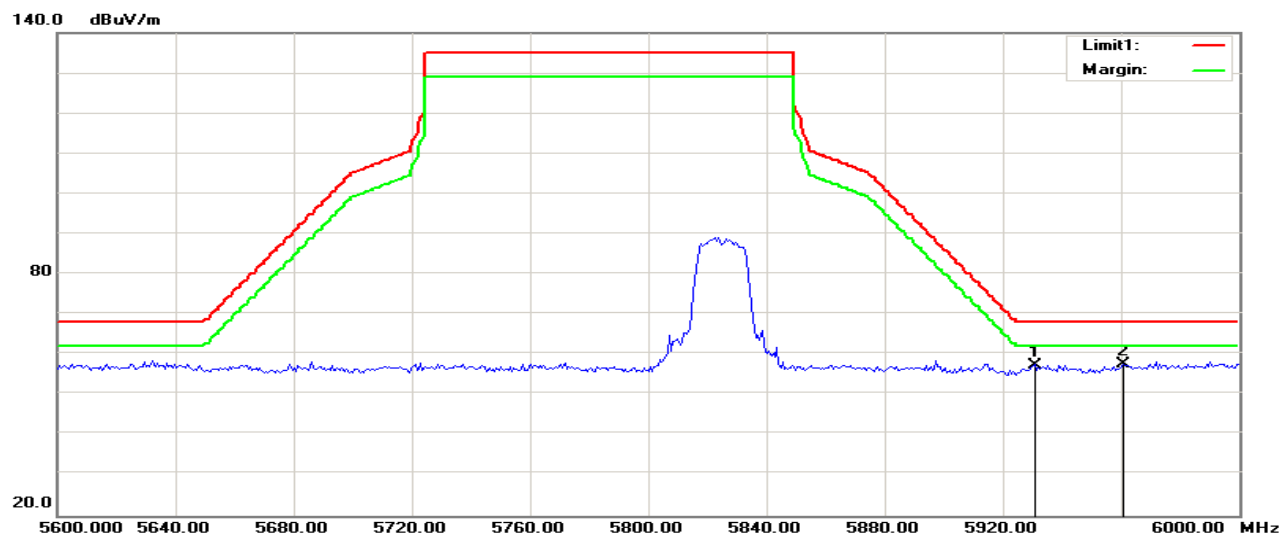
5825MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5937.820	55.81	1.60	57.41	68.20	-10.79	100	360	peak
2	5974.359	56.54	1.66	58.20	68.20	-10.00	200	324	peak

Polarity: Horizontal

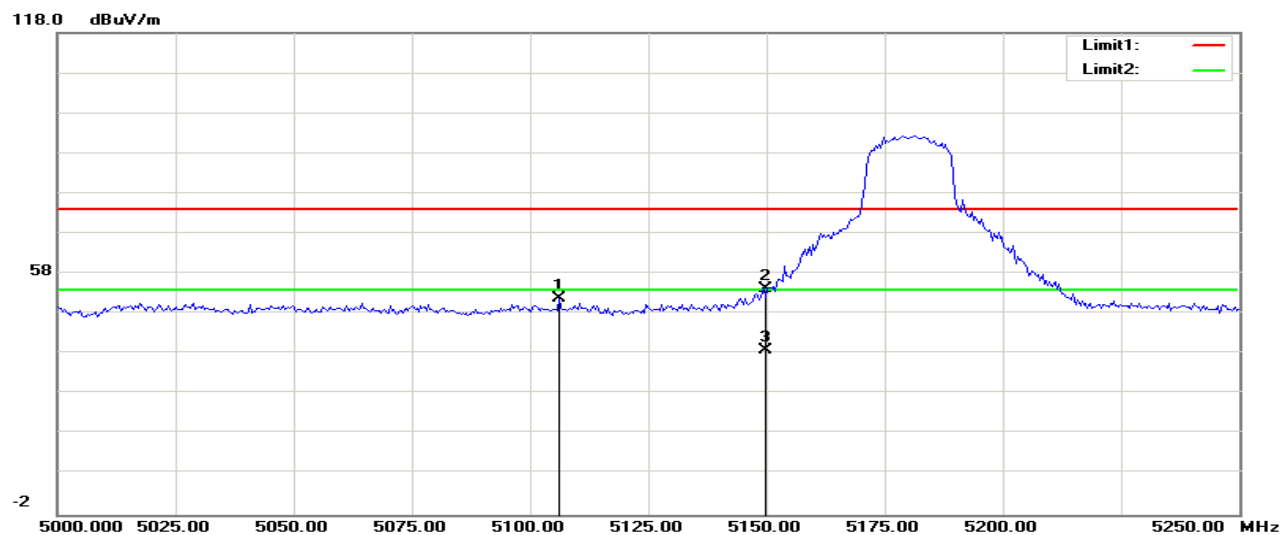


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5930.769	55.91	1.59	57.50	68.20	-10.70	400	70	peak
2	5960.897	55.99	1.64	57.63	68.20	-10.57	300	360	peak

Band Edges (IEEE 802.11n HT20 mode)

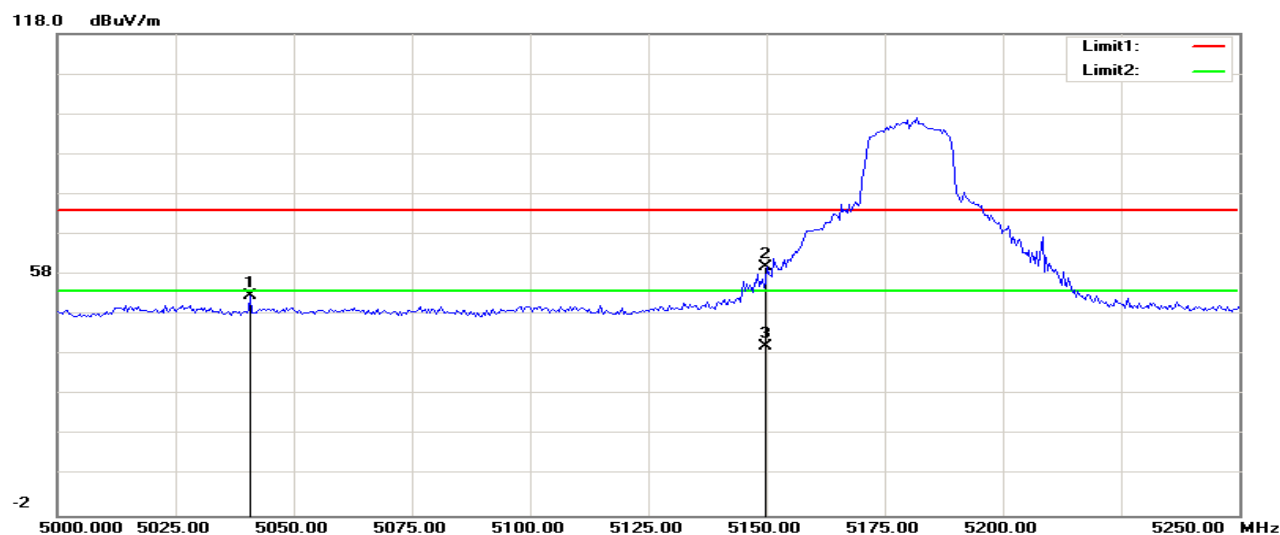
5180MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5106.170	51.06	0.74	51.80	74.00	-22.20	200	360	peak
2	5150.000	53.60	0.76	54.36	74.00	-19.64	200	129	peak
3	5150.000	38.11	0.76	38.87	54.00	-15.13	100	135	AVG

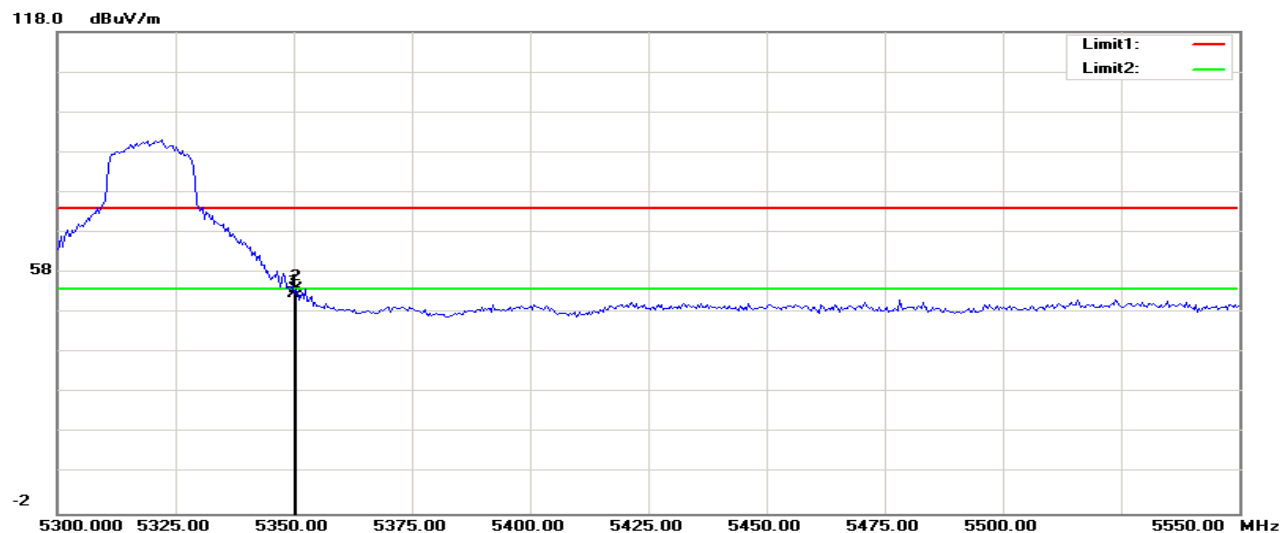
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5040.865	52.11	0.71	52.82	74.00	-21.18	100	360	peak
2	5150.000	59.06	0.76	59.82	74.00	-14.18	100	231	peak
3	5150.000	39.53	0.76	40.29	54.00	-13.71	100	360	AVG

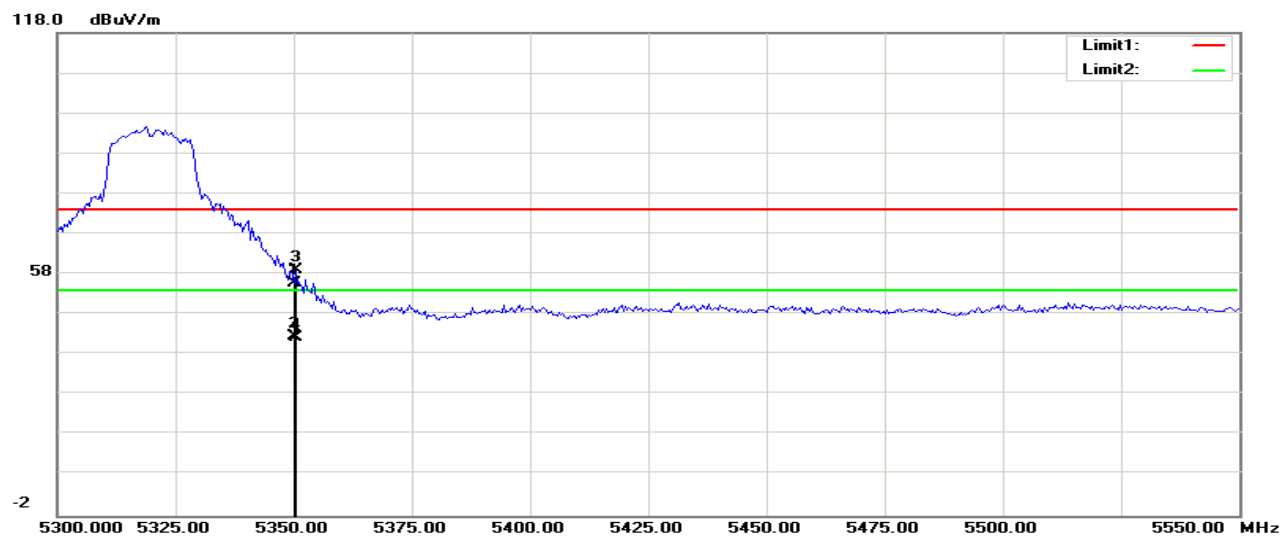
5320MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	51.84	0.84	52.68	74.00	-21.32	200	171	peak
2	5350.481	53.04	0.84	53.88	74.00	-20.12	100	83	peak

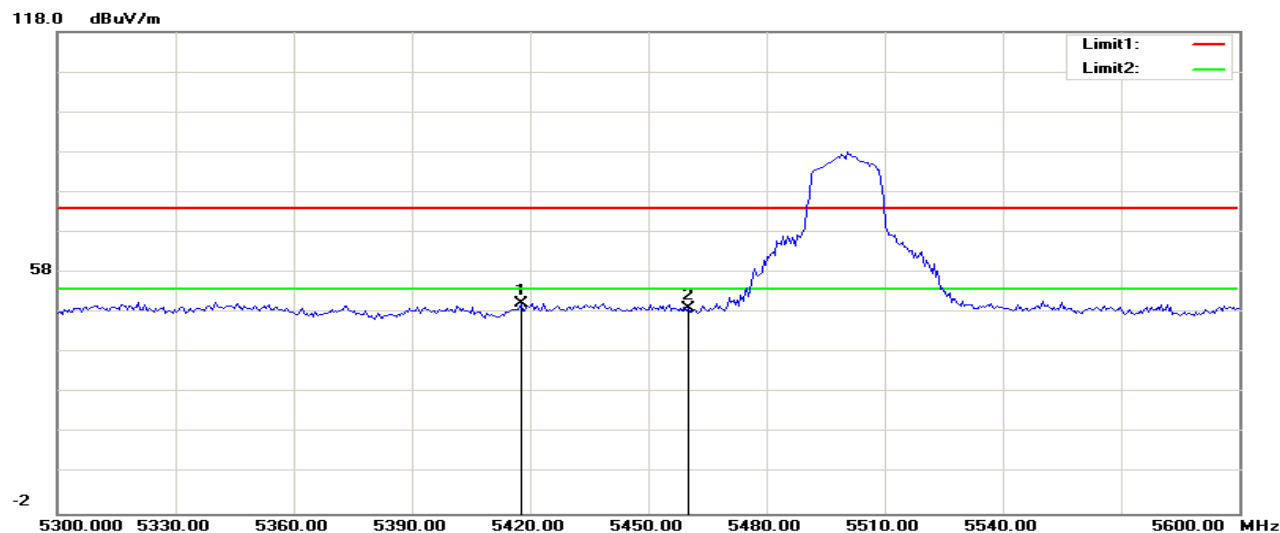
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	55.03	0.84	55.87	74.00	-18.13	100	57	peak
2	5350.000	41.63	0.84	42.47	54.00	-11.53	100	57	AVG
3	5350.481	58.10	0.84	58.94	74.00	-15.06	100	42	peak
4	5350.481	41.38	0.84	42.22	54.00	-11.78	100	53	AVG

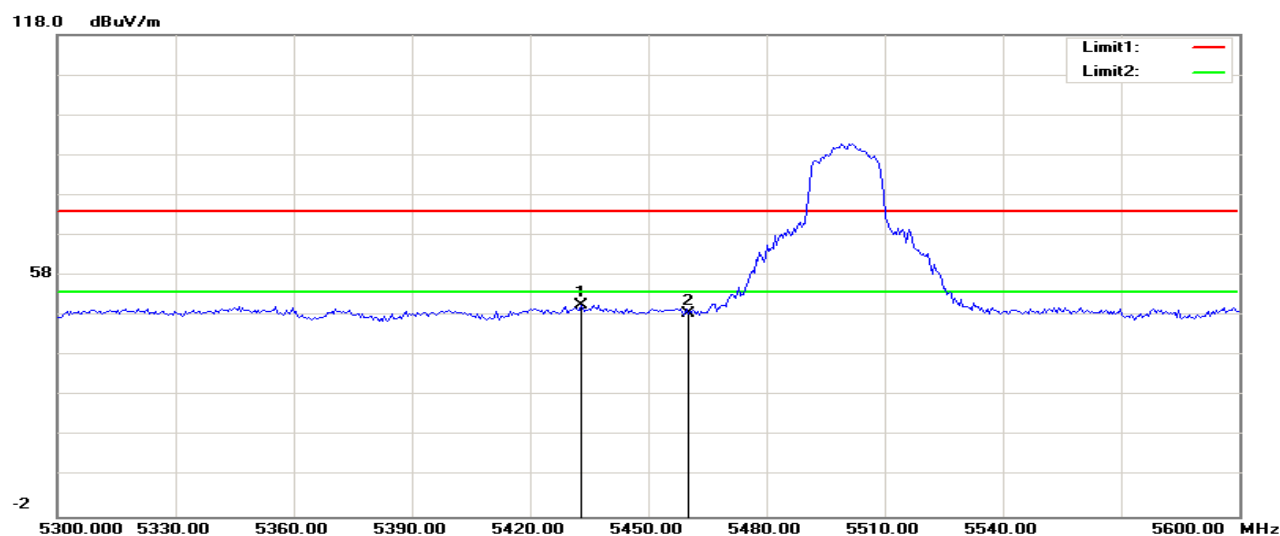
5500MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5417.788	49.52	0.87	50.39	74.00	-23.61	100	0	peak
2	5460.000	48.18	0.89	49.07	74.00	-24.93	100	335	peak

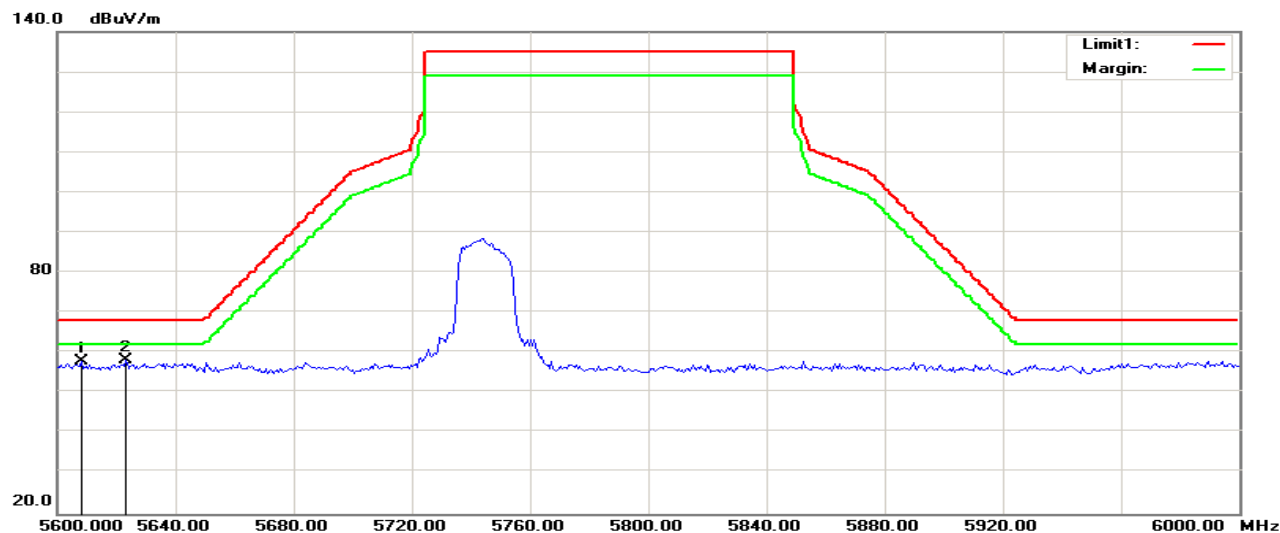
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5433.173	49.81	0.88	50.69	74.00	-23.31	100	0	peak
2	5460.000	47.76	0.89	48.65	74.00	-25.35	100	278	peak

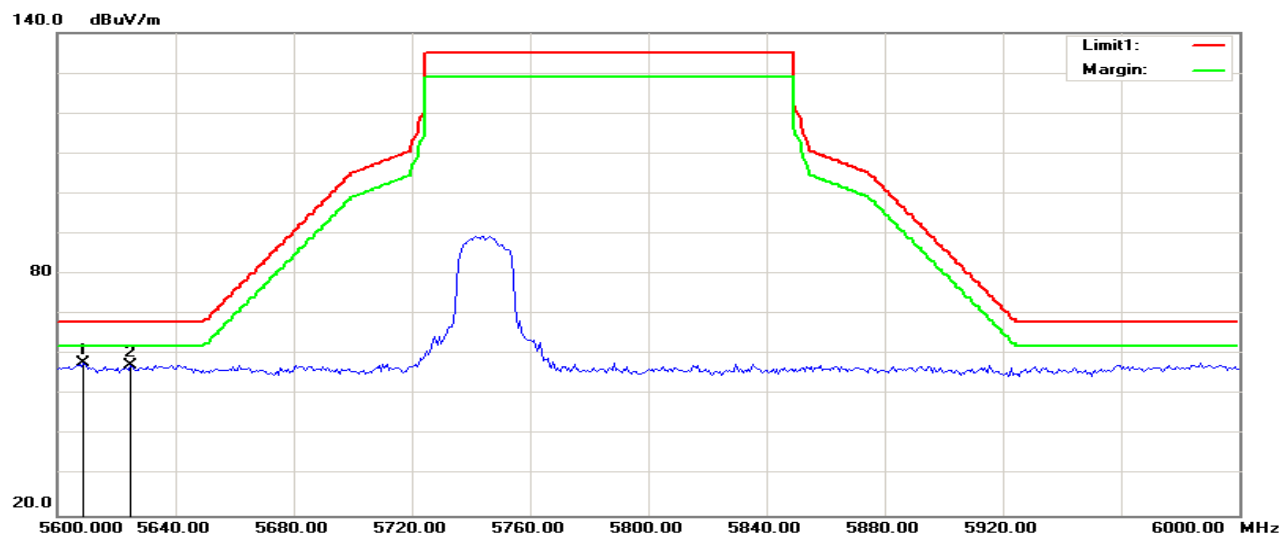
5745MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5608.333	56.92	1.08	58.00	68.20	-10.20	200	360	peak
2	5623.077	57.06	1.10	58.16	68.20	-10.04	200	280	peak

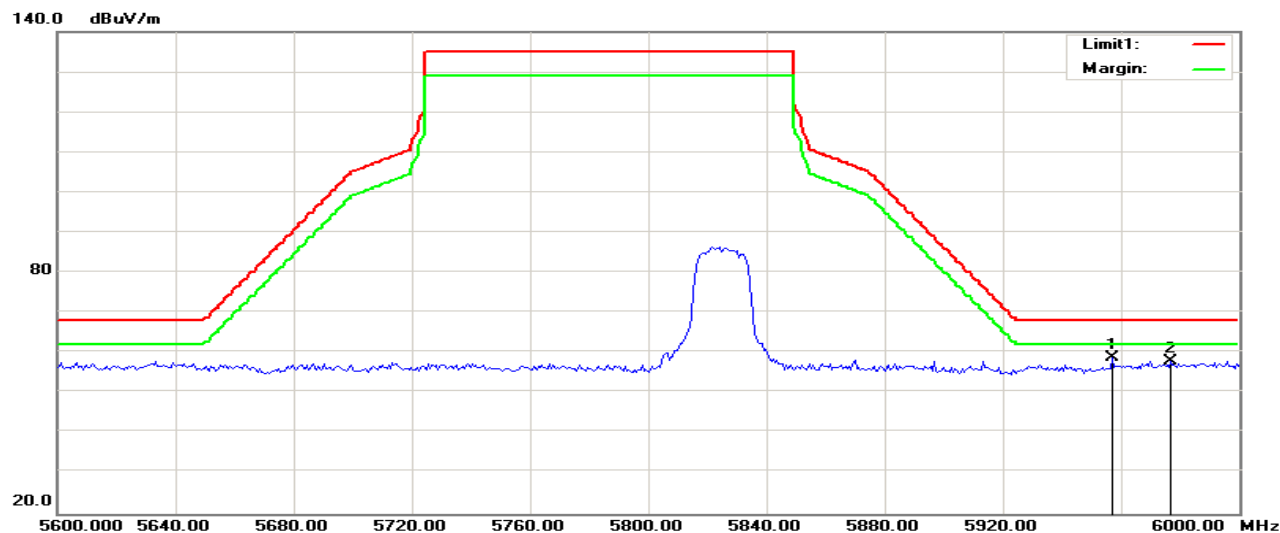
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5608.974	56.83	1.08	57.91	68.20	-10.29	100	61	peak
2	5625.000	56.31	1.11	57.42	68.20	-10.78	100	105	peak

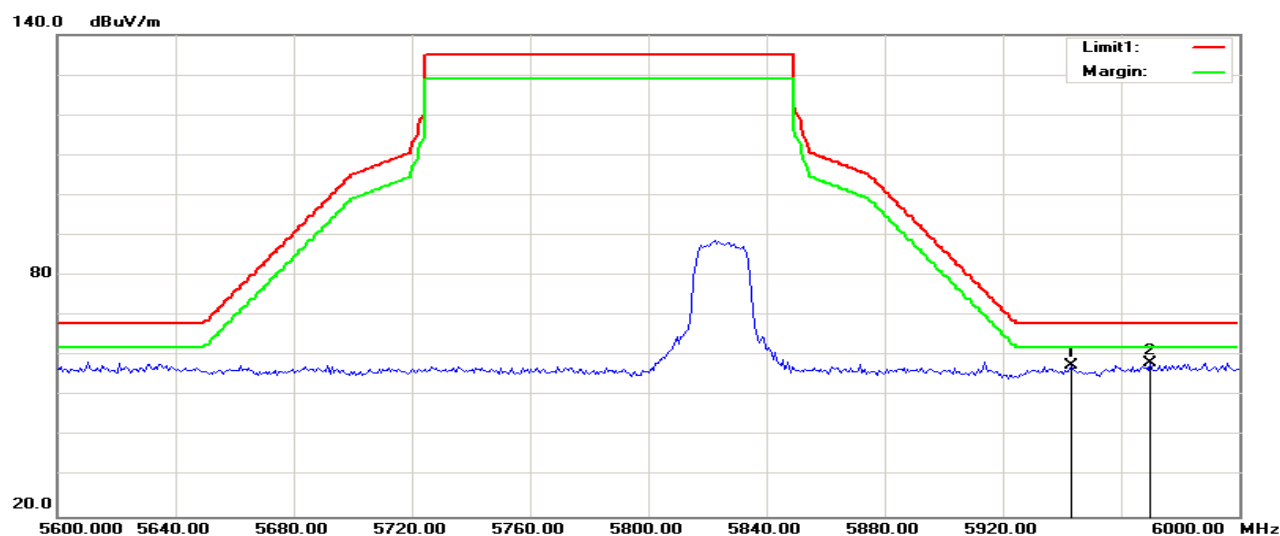
5825MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5957.051	57.33	1.63	58.96	68.20	-9.24	200	326	peak
2	5976.923	56.19	1.66	57.85	68.20	-10.35	100	128	peak

Polarity: Horizontal

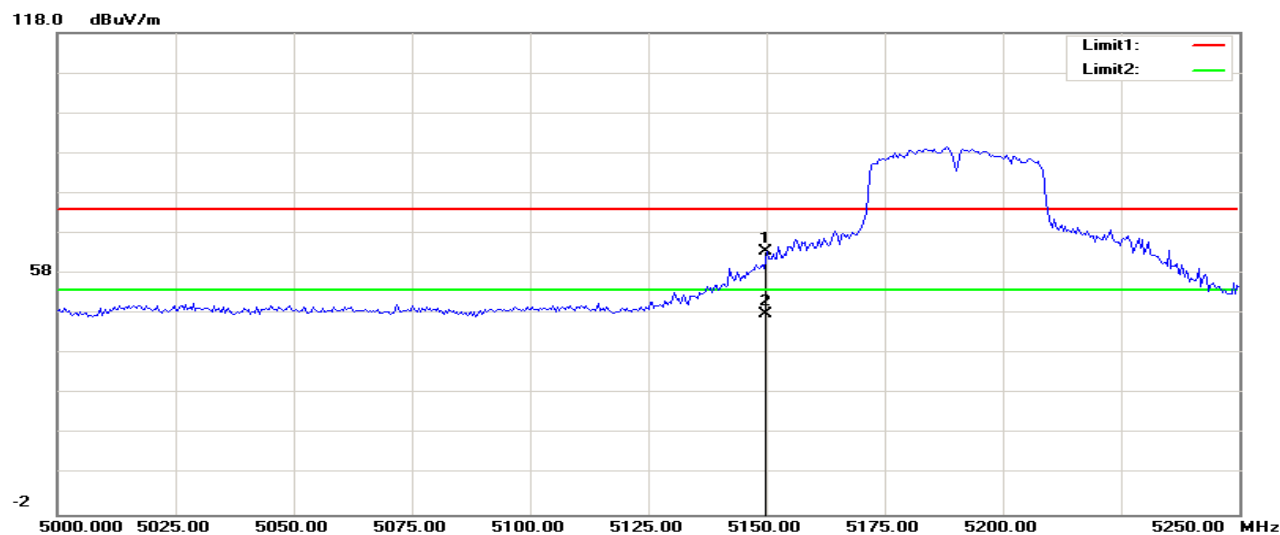


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5942.949	56.10	1.61	57.71	68.20	-10.49	200	331	peak
2	5969.872	56.60	1.65	58.25	68.20	-9.95	200	360	peak

Band Edges (IEEE 802.11n HT40 mode)

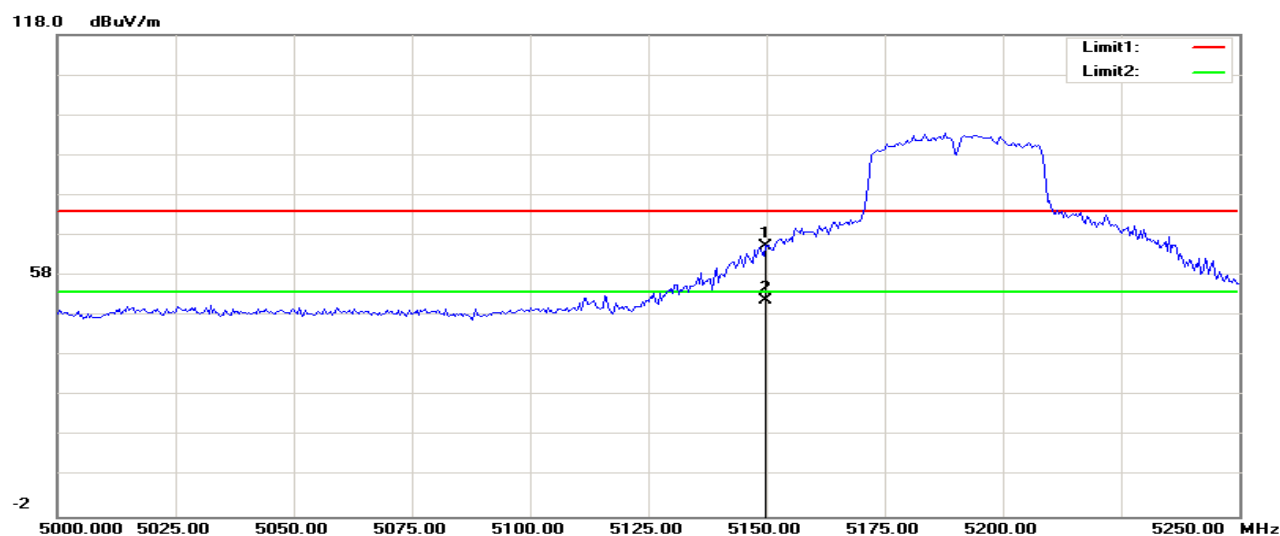
5190MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5150.000	62.69	0.76	63.45	74.00	-10.55	200	272	peak
2	5150.000	47.18	0.76	47.94	54.00	-6.06	100	255	AVG

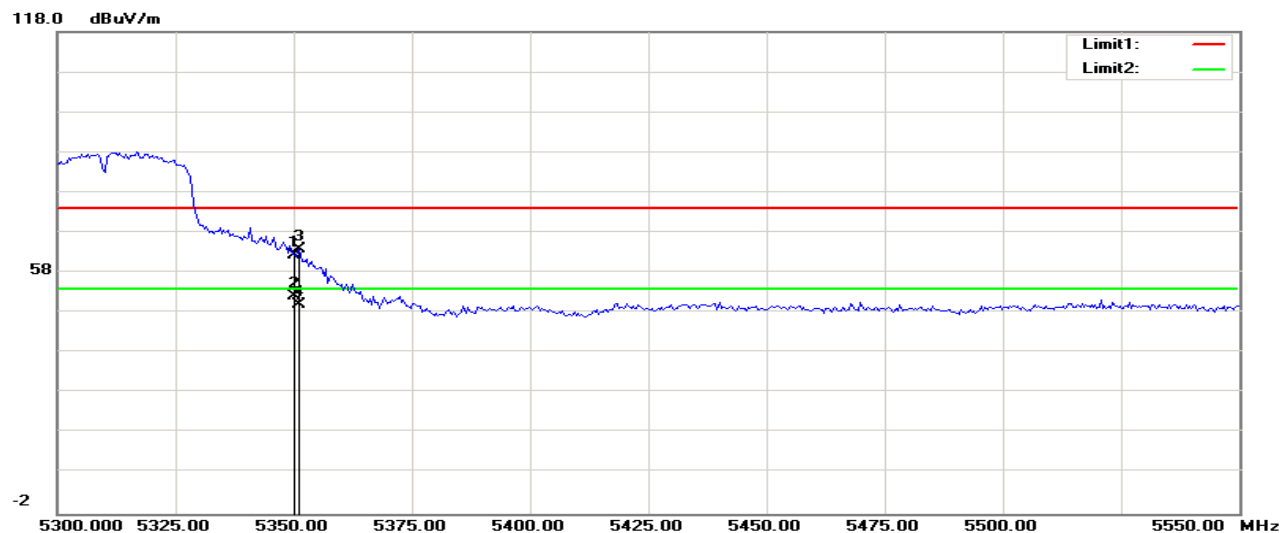
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5150.000	64.52	0.76	65.28	74.00	-8.72	200	55	peak
2	5150.000	50.96	0.76	51.72	54.00	-2.28	100	52	AVG

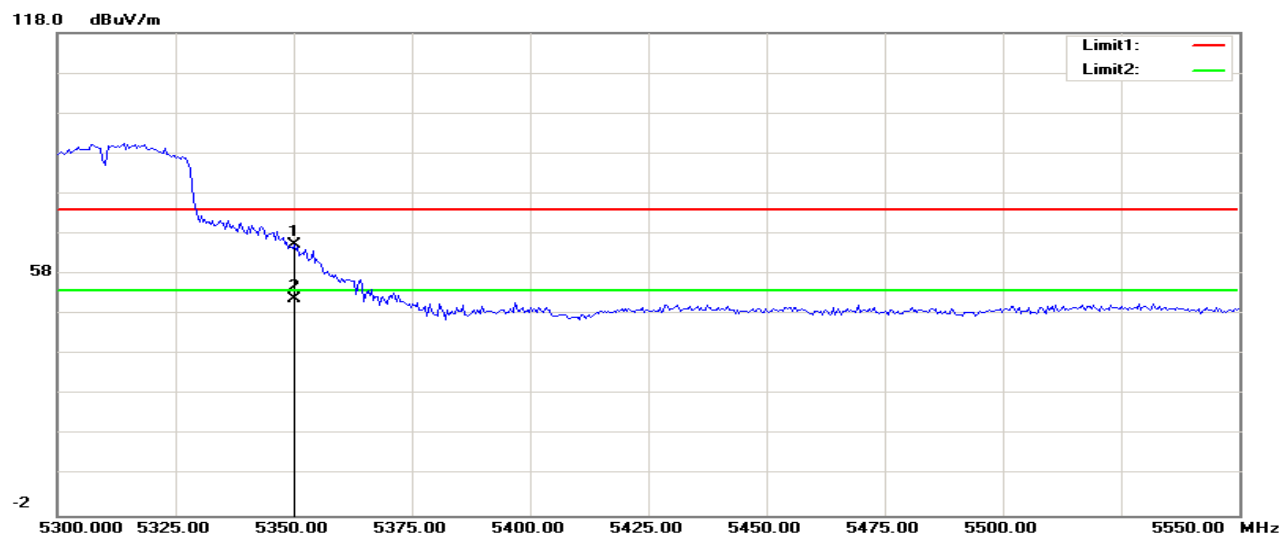
5310MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	61.52	0.84	62.36	74.00	-11.64	200	194	peak
2	5350.000	51.18	0.84	52.02	54.00	-1.98	100	257	AVG
3	5351.282	63.14	0.84	63.98	74.00	-10.02	200	190	peak
4	5351.282	49.18	0.84	50.02	54.00	-3.98	100	255	AVG

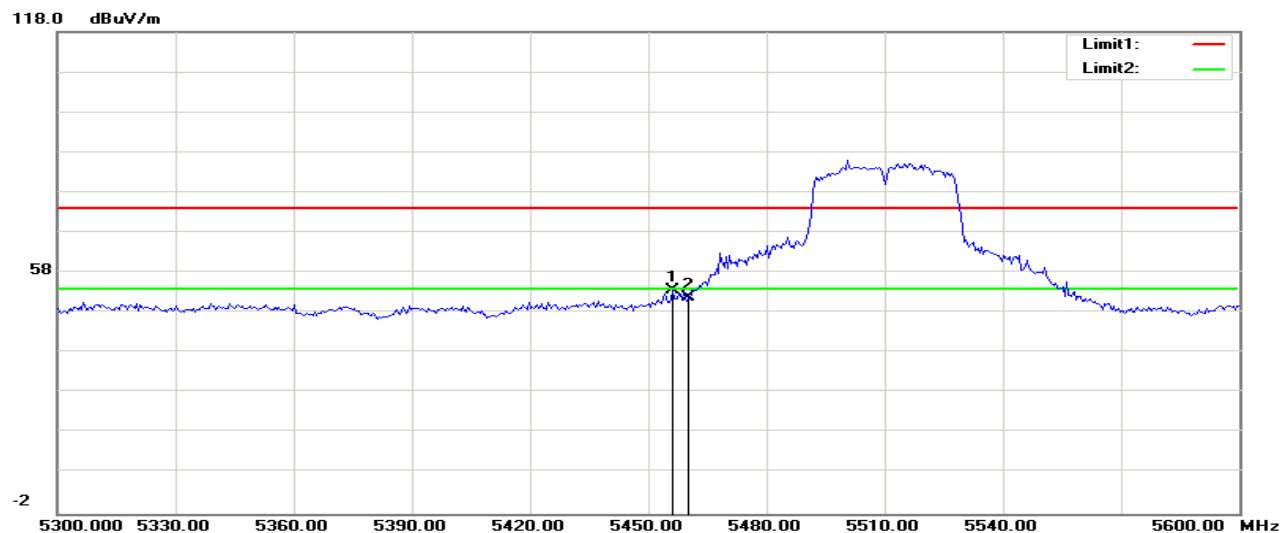
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5350.000	64.60	0.84	65.44	74.00	-8.56	200	54	peak
2	5350.000	50.86	0.84	51.70	54.00	-2.30	100	55	AVG

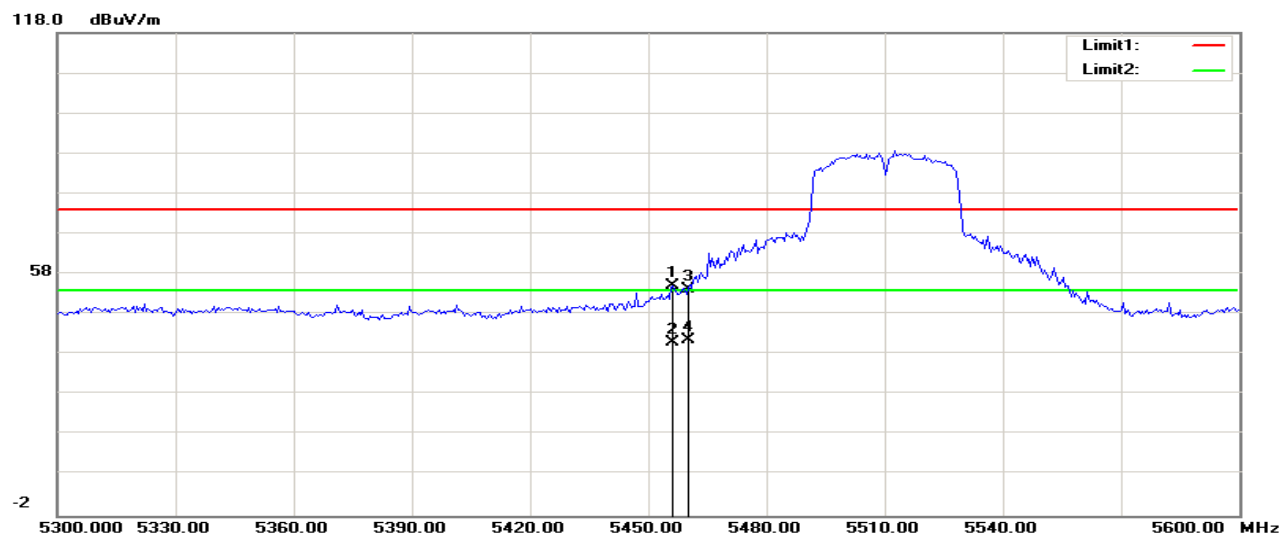
5510MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5456.250	52.84	0.89	53.73	74.00	-20.27	100	263	peak
2	5460.000	50.86	0.89	51.75	74.00	-22.25	200	261	peak

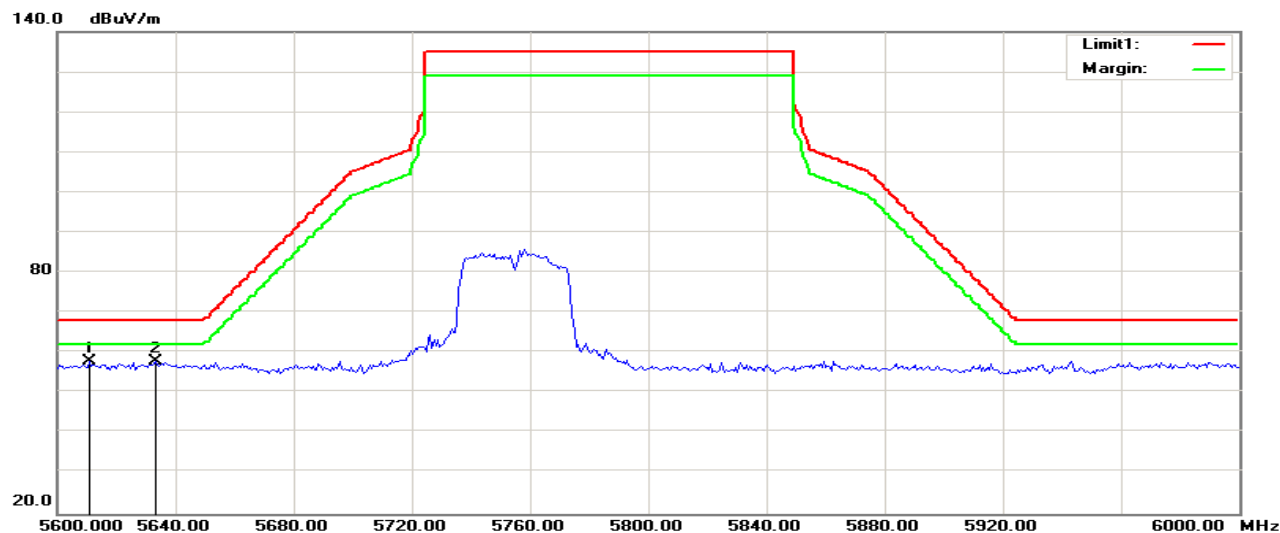
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5456.250	54.14	0.89	55.03	74.00	-18.97	100	49	peak
2	5456.250	40.16	0.89	41.05	54.00	-12.95	100	75	AVG
3	5460.000	53.45	0.89	54.34	74.00	-19.66	100	54	peak
4	5460.000	40.75	0.89	41.64	54.00	-12.36	100	100	AVG

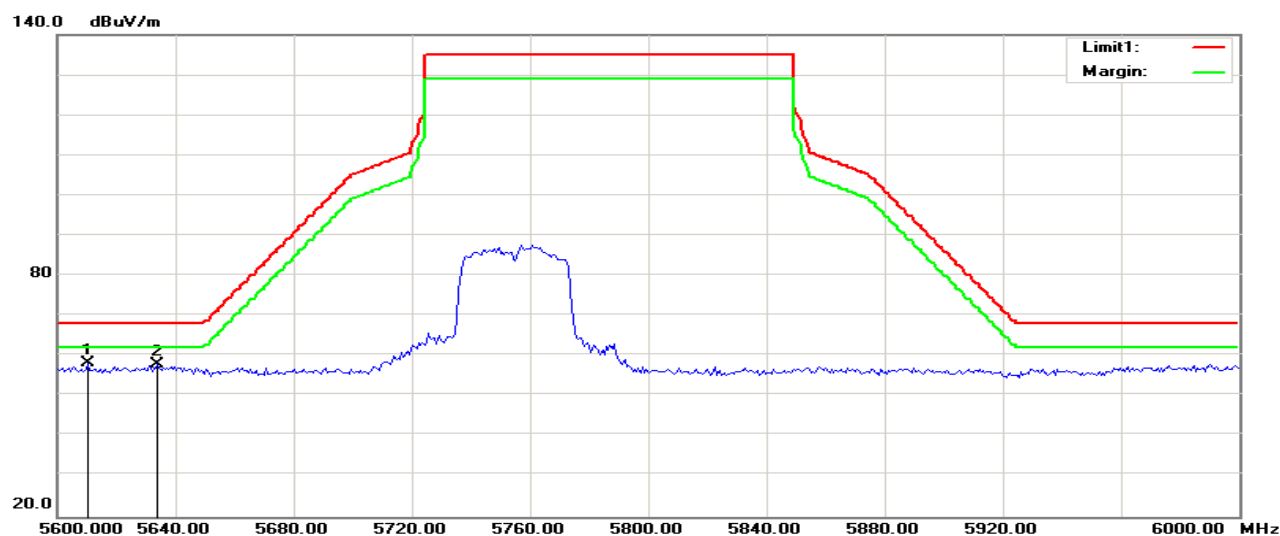
5755MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5610.897	56.87	1.09	57.96	68.20	-10.24	200	118	peak
2	5633.333	56.86	1.12	57.98	68.20	-10.22	100	360	peak

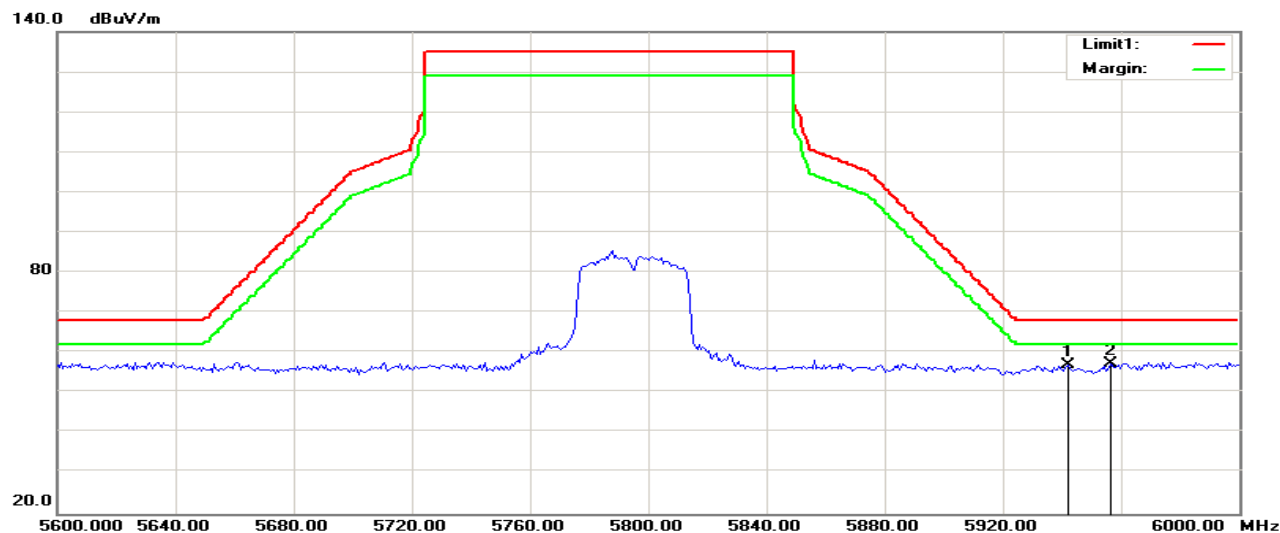
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5610.256	57.24	1.08	58.32	68.20	-9.88	100	254	peak
2	5633.974	56.75	1.12	57.87	68.20	-10.33	200	62	peak

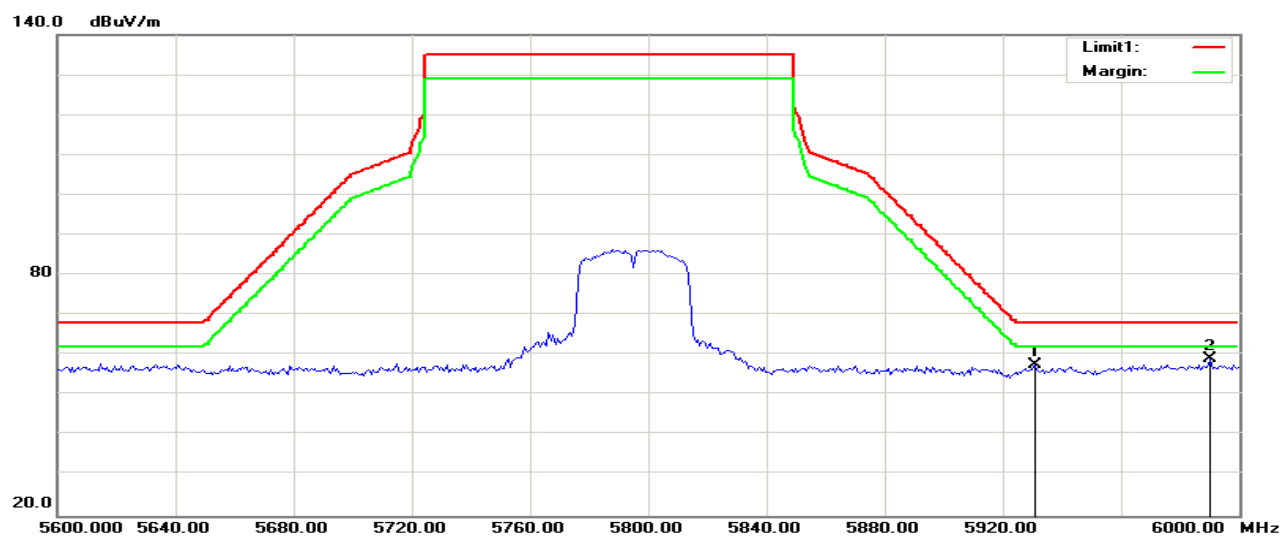
5795MHz

Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5942.308	55.46	1.61	57.07	68.20	-11.13	100	2	peak
2	5956.410	55.70	1.63	57.33	68.20	-10.87	100	4	peak

Polarity: Horizontal



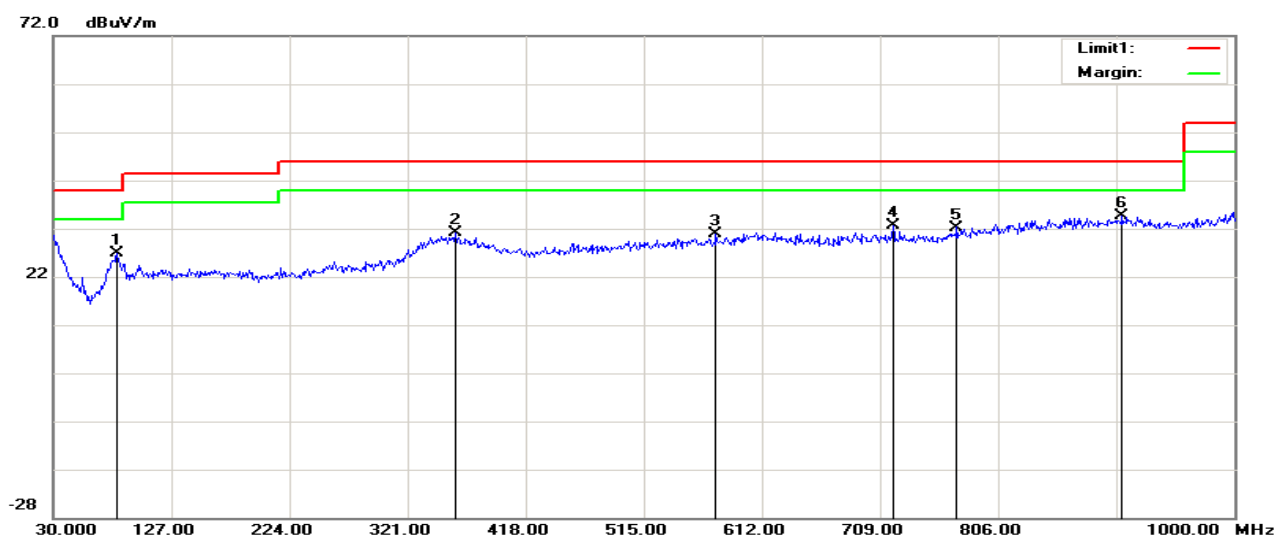
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	5930.769	56.04	1.59	57.63	68.20	-10.57	200	213	peak
2	5990.385	57.45	1.68	59.13	68.20	-9.07	200	137	peak

TEST RESULTS

Below 30MHz and above 18GHz. The measured value have enough margin over 20dB than the limit, therefore they are not reported.

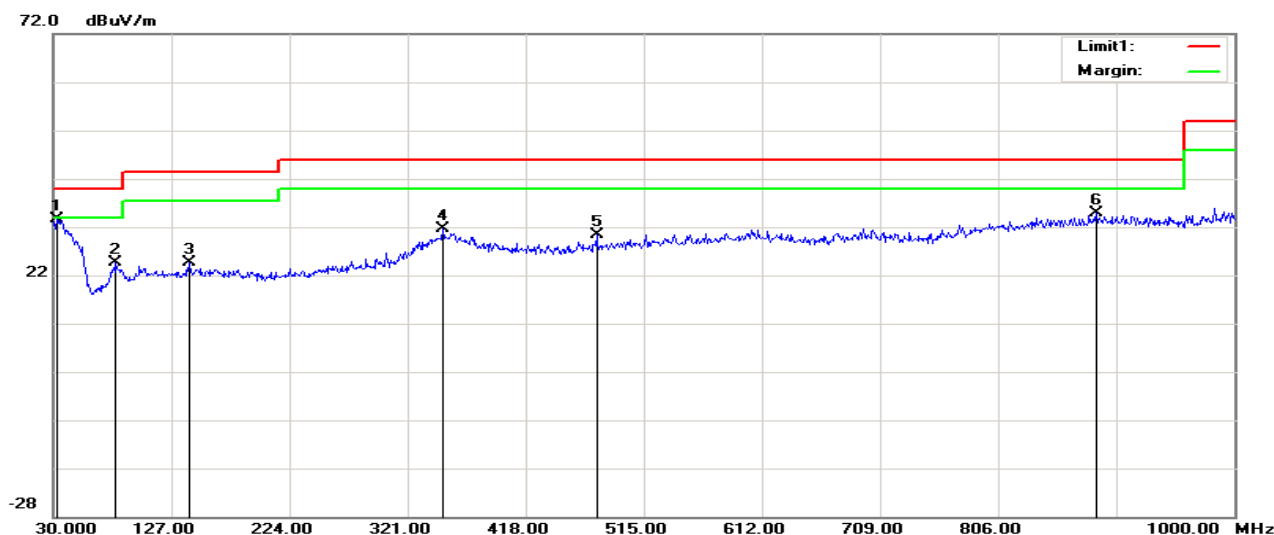
30MHz-1GHz

Operation Mode:	Normal Link	Test Date:	2018-8-22
Temperature:	27°C	Tested by:	Lily.Wang
Humidity:	52% RH	Polarity:	Hor.



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	82.3800	11.72	15.17	26.89	40.00	-13.11	200	23	peak
2	360.7700	5.42	25.79	31.21	46.00	-14.79	100	244	peak
3	574.1700	5.38	25.58	30.96	46.00	-15.04	200	0	peak
4	719.6700	6.92	25.63	32.55	46.00	-13.45	200	135	peak
5	772.0500	5.91	26.34	32.25	46.00	-13.75	100	360	peak
6	907.8500	5.64	28.92	34.56	46.00	-11.44	100	153	peak

Operation Mode:	Normal Link	Test Date:	2018-8-22
Temperature:	27°C	Tested by:	Lily.Wang
Humidity:	52% RH	Polarity:	Ver.



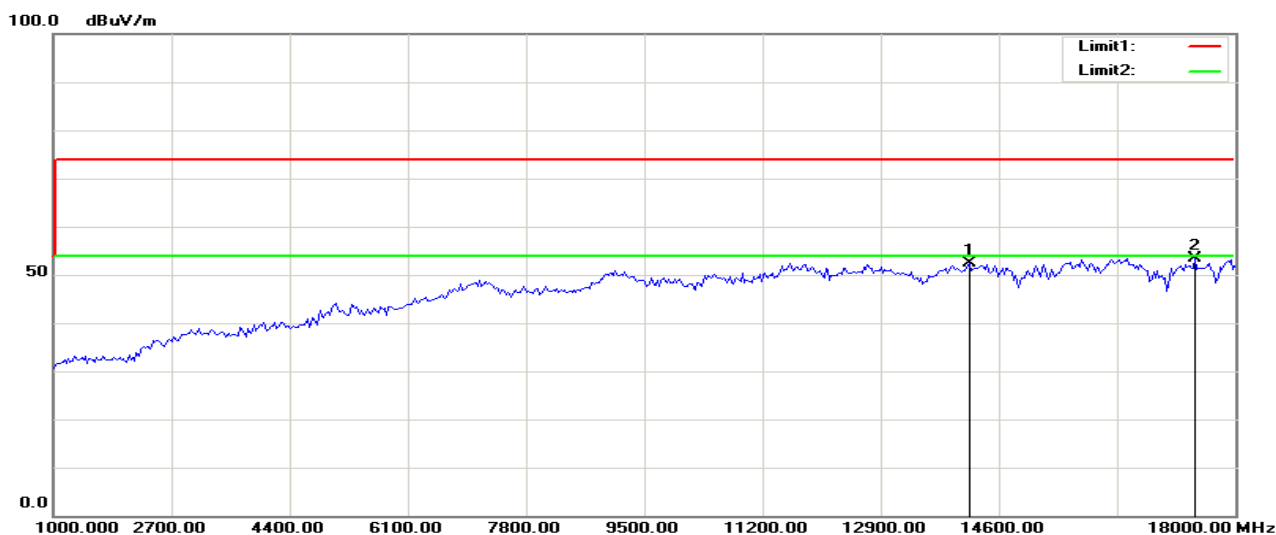
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	32.9100	9.84	23.75	33.59	40.00	-6.41	200	121	peak
2	81.4100	9.56	15.07	24.63	40.00	-15.37	200	0	peak
3	141.5500	6.67	17.86	24.53	43.50	-18.97	200	236	peak
4	350.1000	5.33	26.30	31.63	46.00	-14.37	100	305	peak
5	476.2000	6.42	24.03	30.45	46.00	-15.55	300	91	peak
6	886.5100	6.04	28.84	34.88	46.00	-11.12	300	93	peak

Remark:

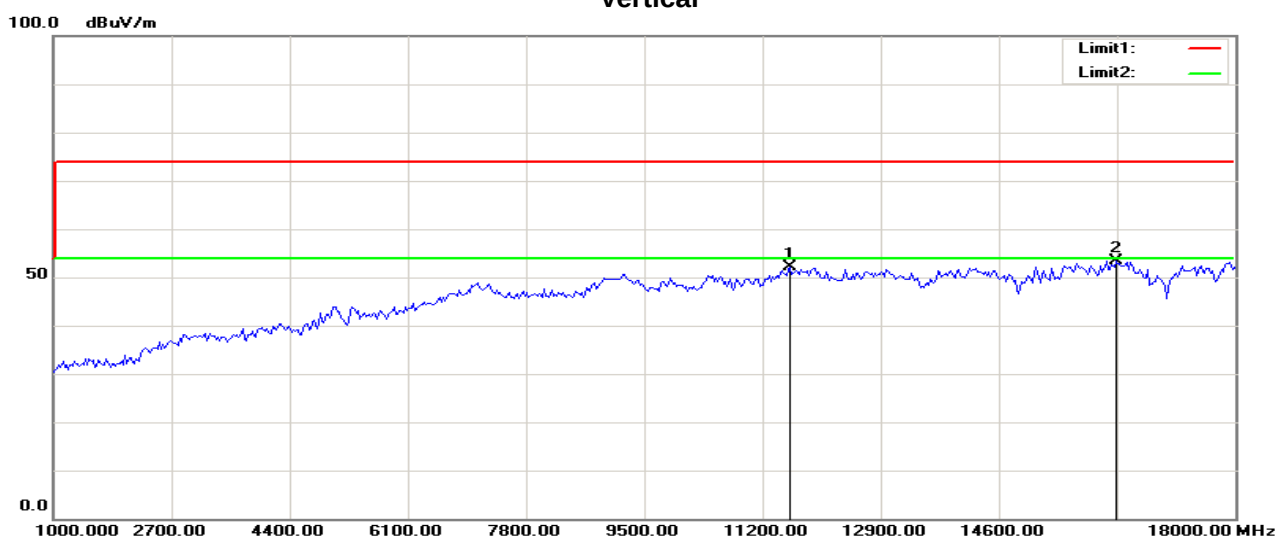
1. Measuring frequencies from 30 MHz to the 1GHz.(no emission found from the lowest internal used/generated frequency to 30MHz)
2. Radiated emissions measured were made with an instrument using peak/quasi-peak detector mode.
3. Quasi-peak test would be performed if the peak result were greater than the quasi-peak limit or as required by the applicant.
4. 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.
5. Margin (dB) = Remark result (dBuV/m) – Quasi-peak limit (dBuV/m).

Above 1 GHz**Band I:5150MHz~5250MHz**

Operation Mode:	Tx / IEEE 802.11a mode/CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal

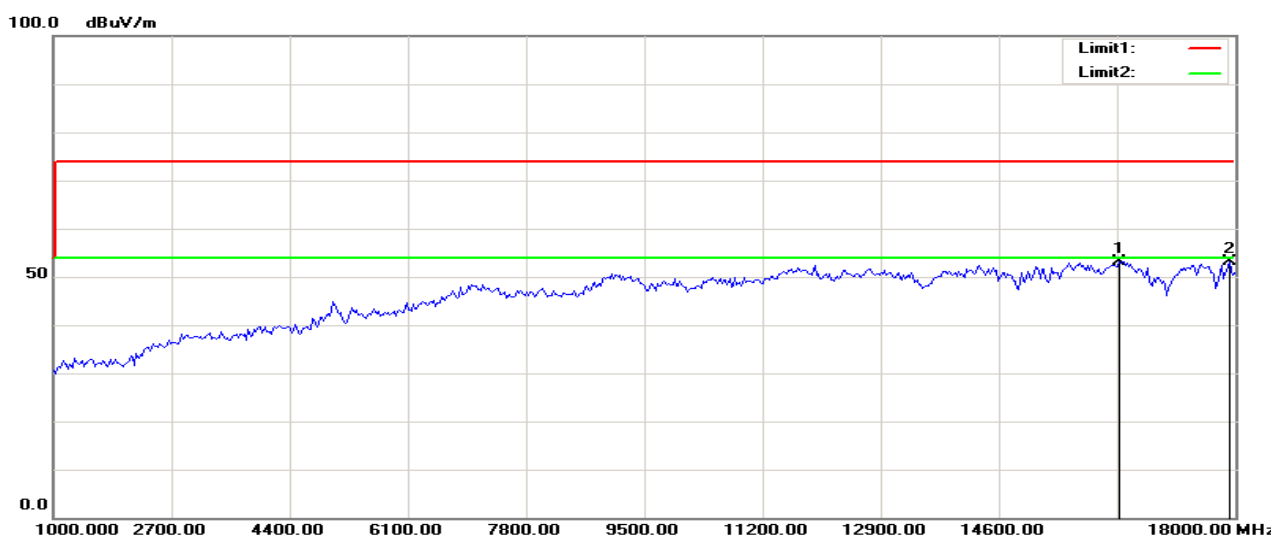
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14185.897	39.31	13.13	52.44	74.00	-21.56	200	91	peak
2	17427.885	36.04	17.32	53.36	74.00	-20.64	200	108	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11597.756	40.72	11.46	52.18	74.00	-21.82	100	335	peak
2	16283.654	39.02	14.40	53.42	74.00	-20.58	100	140	peak

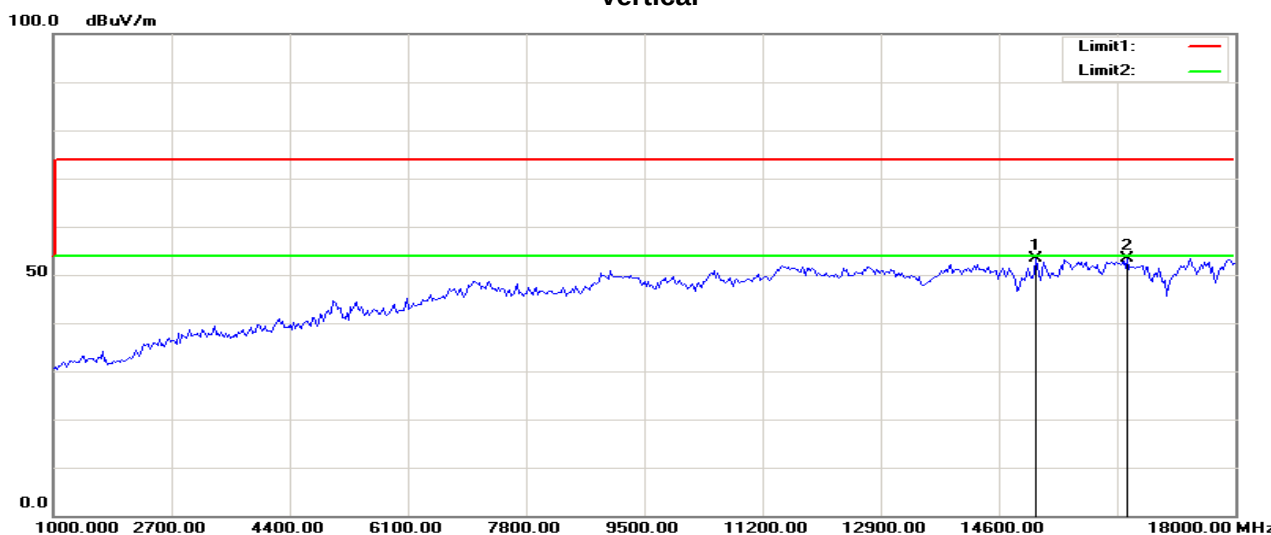
Operation Mode:	Tx / IEEE 802.11a mode/CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16338.141	38.68	14.41	53.09	74.00	-20.91	200	108	peak
2	17918.269	35.16	18.04	53.20	74.00	-20.80	100	360	peak

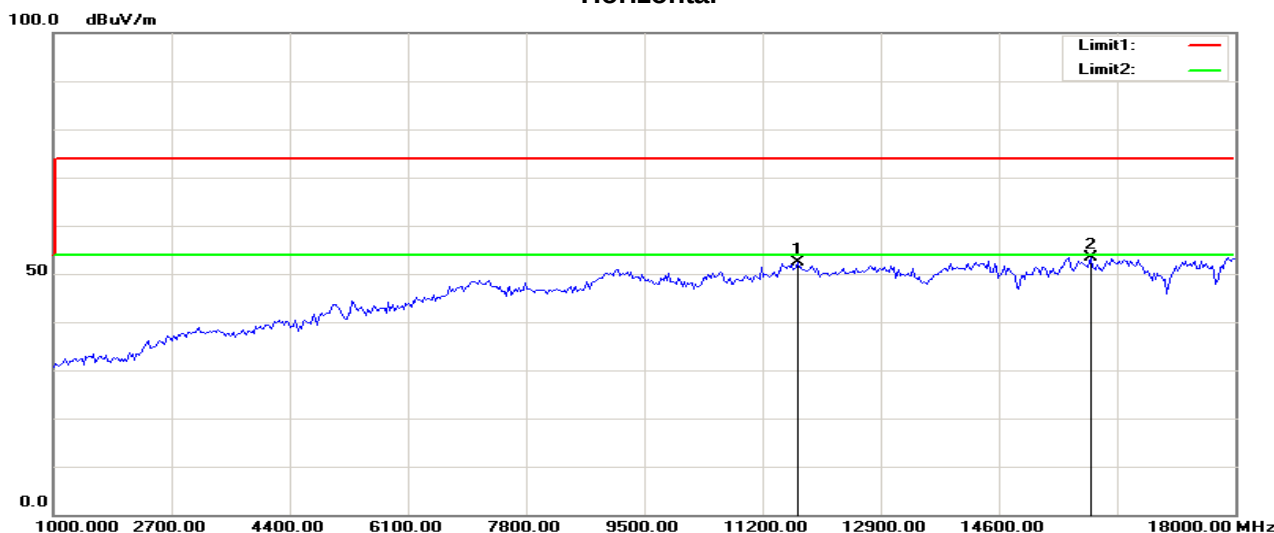
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15139.423	39.65	13.62	53.27	74.00	-20.73	100	269	peak
2	16447.115	38.97	14.45	53.42	74.00	-20.58	200	314	peak

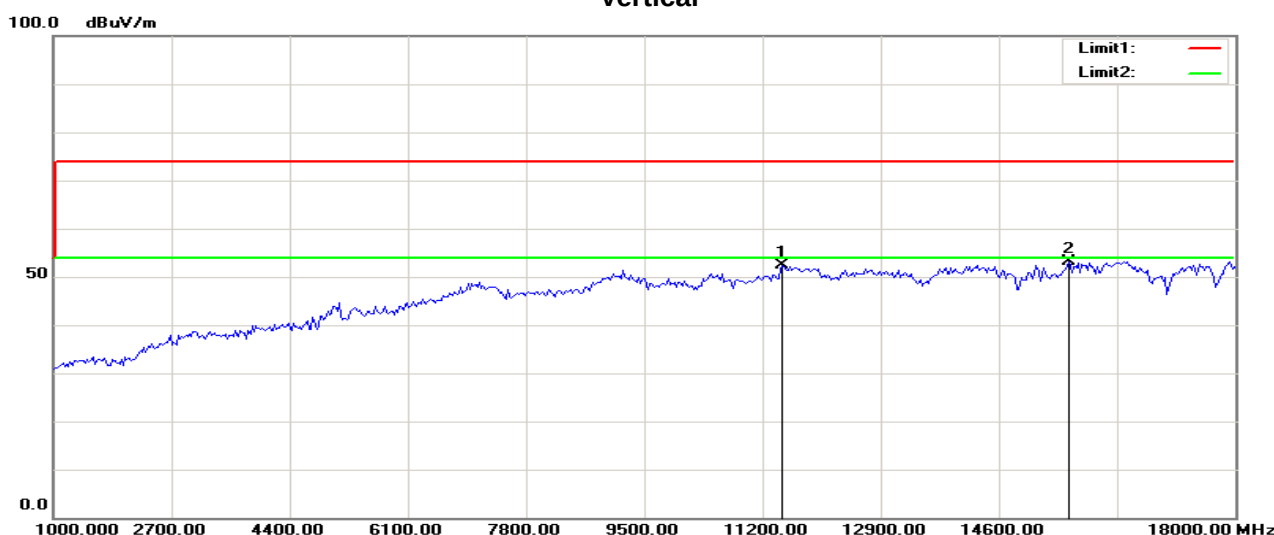
Operation Mode:	Tx / IEEE 802.11a mode/CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.77	11.64	52.41	74.00	-21.59	200	251	peak
2	15929.487	39.23	14.22	53.45	74.00	-20.55	200	158	peak

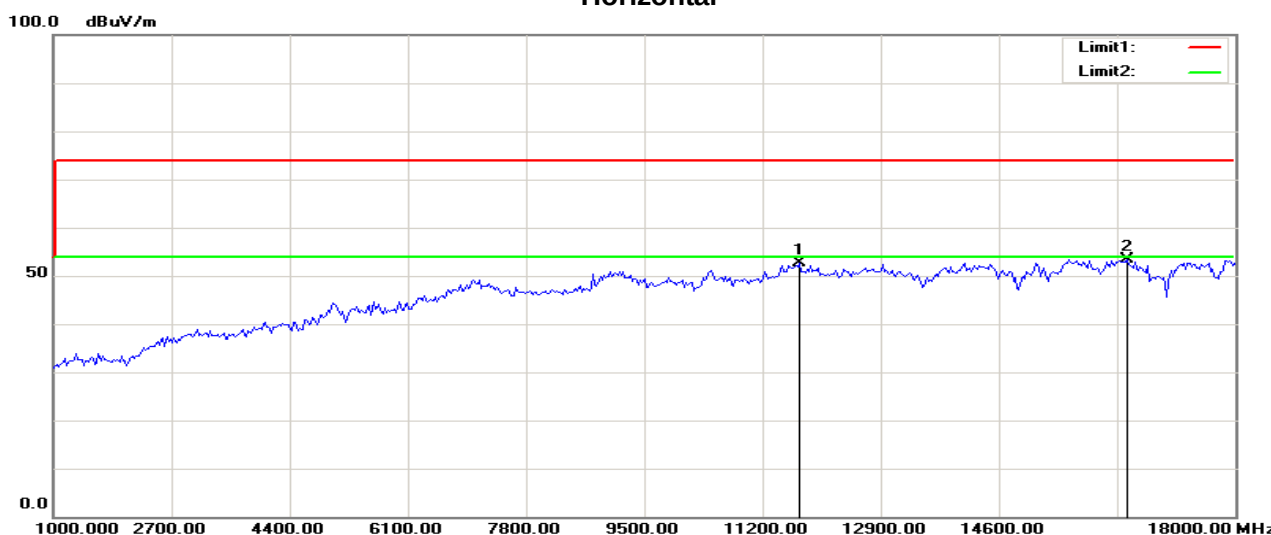
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11488.782	41.15	11.26	52.41	74.00	-21.59	200	45	peak
2	15602.564	39.22	13.87	53.09	74.00	-20.91	200	32	peak

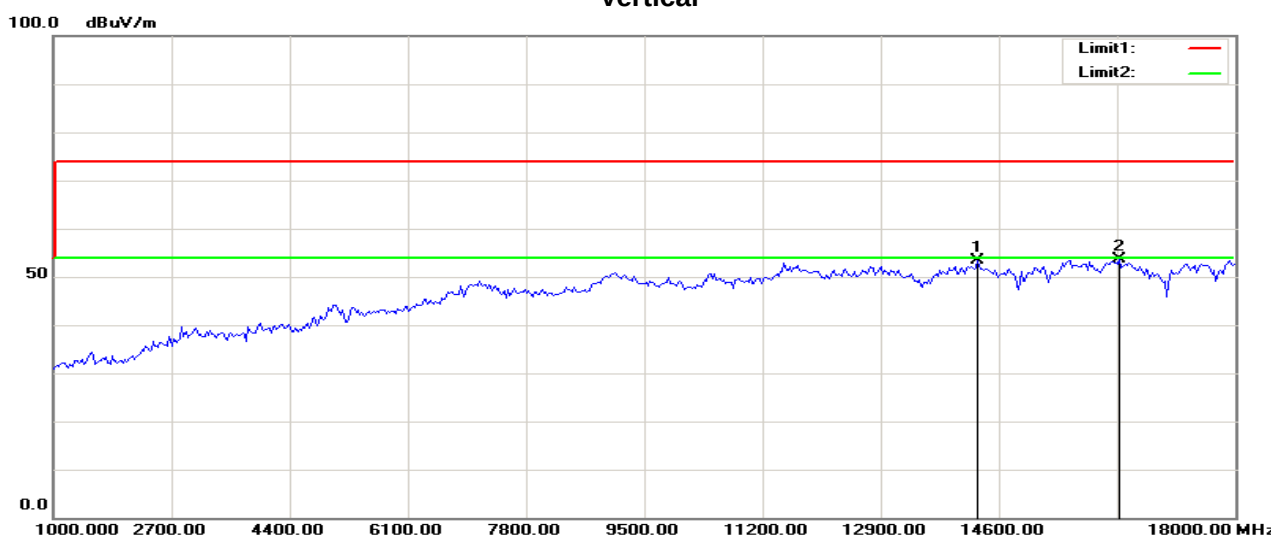
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11733.974	40.86	11.69	52.55	74.00	-21.45	300	0	peak
2	16447.115	38.99	14.45	53.44	74.00	-20.56	200	93	peak

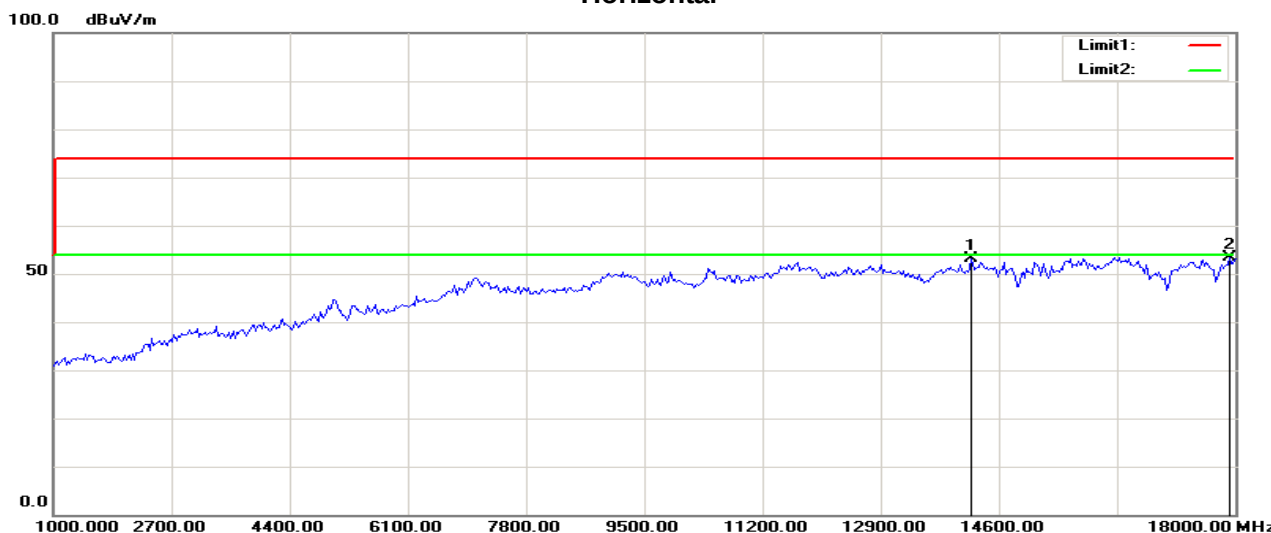
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14294.872	40.27	13.09	53.36	74.00	-20.64	200	21	peak
2	16338.141	39.16	14.41	53.57	74.00	-20.43	200	0	peak

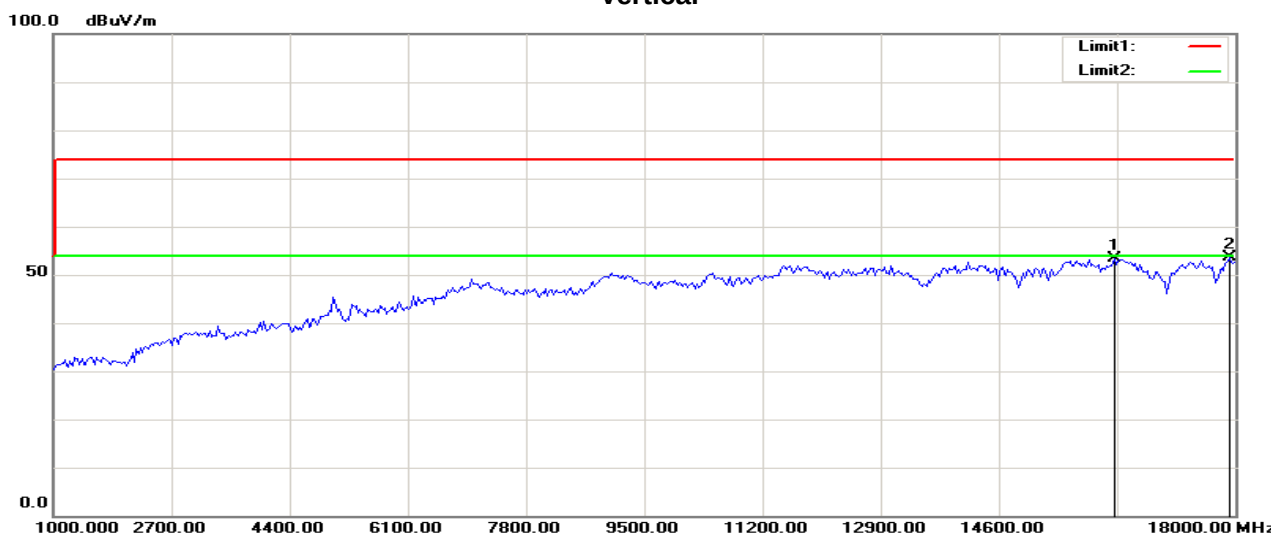
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14213.141	39.93	13.12	53.05	74.00	-20.95	200	335	peak
2	17918.269	35.45	18.04	53.49	74.00	-20.51	100	61	peak

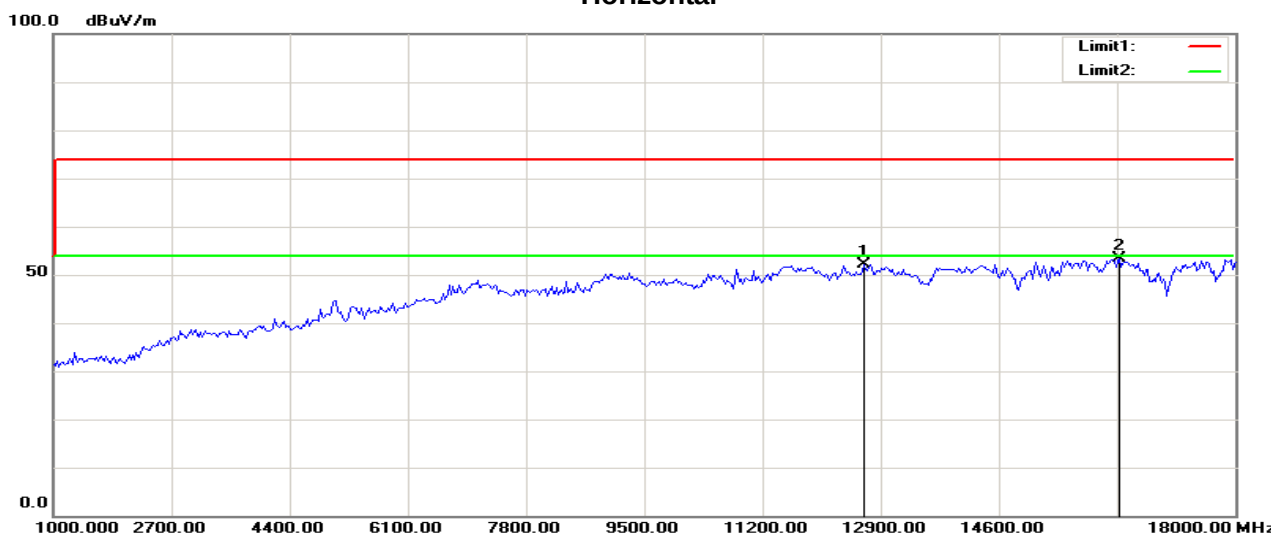
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16256.410	39.09	14.39	53.48	74.00	-20.52	200	348	peak
2	17918.269	35.49	18.04	53.53	74.00	-20.47	100	170	peak

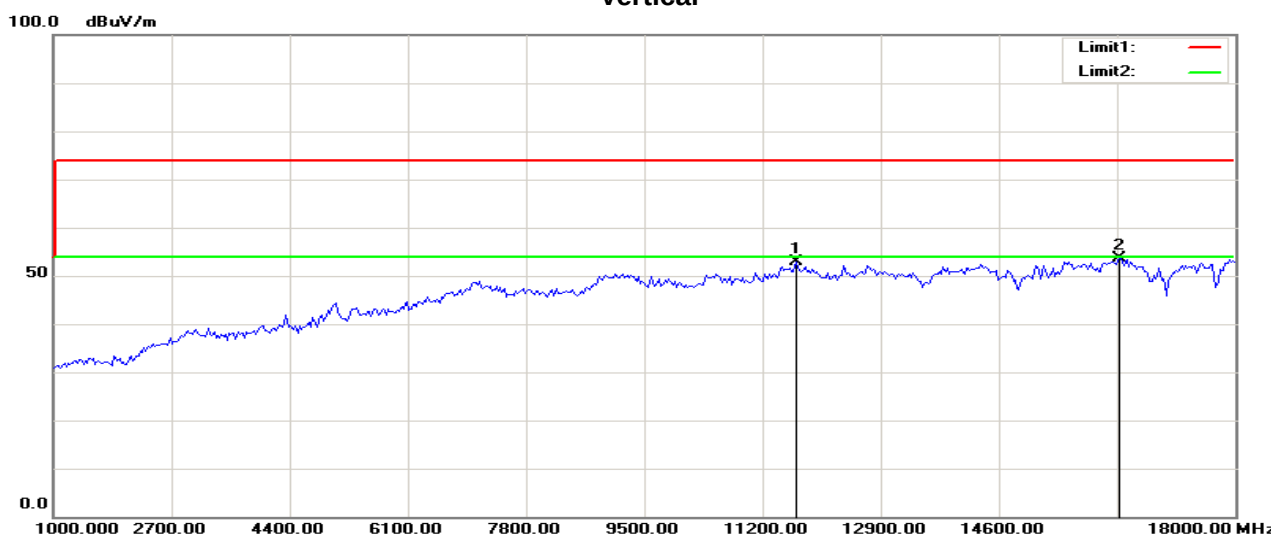
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12660.256	40.20	12.03	52.23	74.00	-21.77	200	83	peak
2	16338.141	38.86	14.41	53.27	74.00	-20.73	100	184	peak

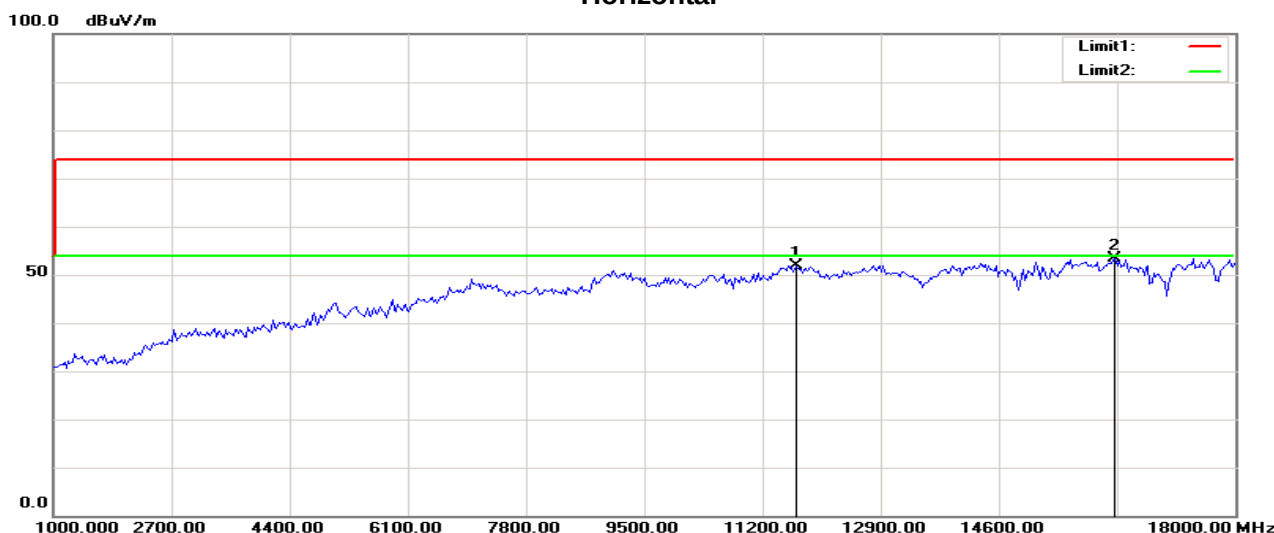
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	41.29	11.60	52.89	74.00	-21.11	200	16	peak
2	16338.141	39.25	14.41	53.66	74.00	-20.34	200	49	peak

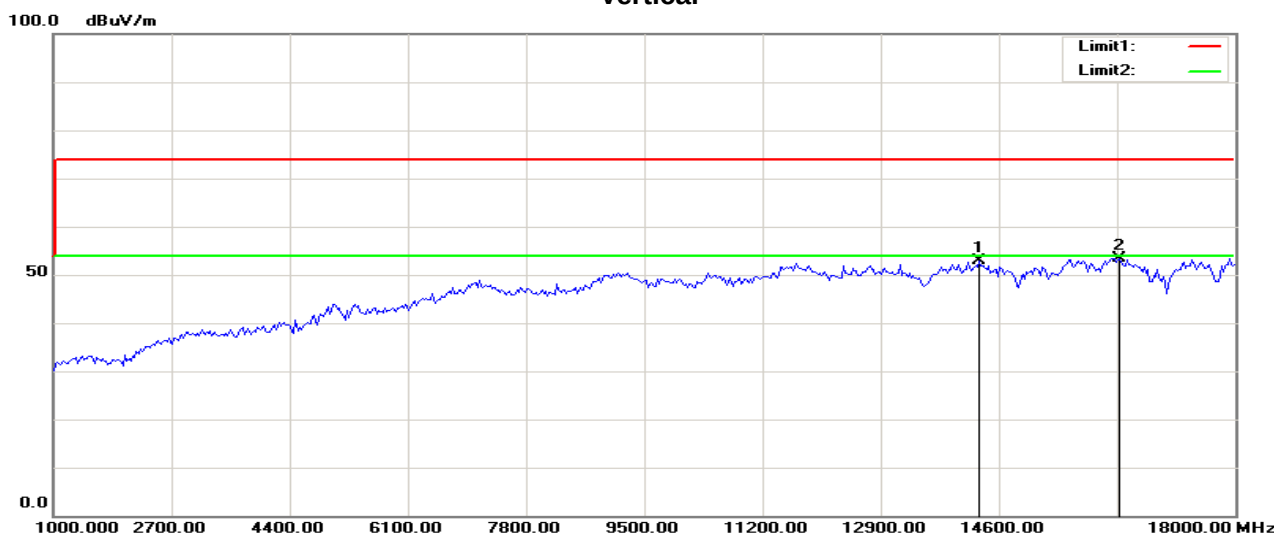
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	40.33	11.60	51.93	74.00	-22.07	200	2	peak
2	16256.410	39.09	14.39	53.48	74.00	-20.52	100	360	peak

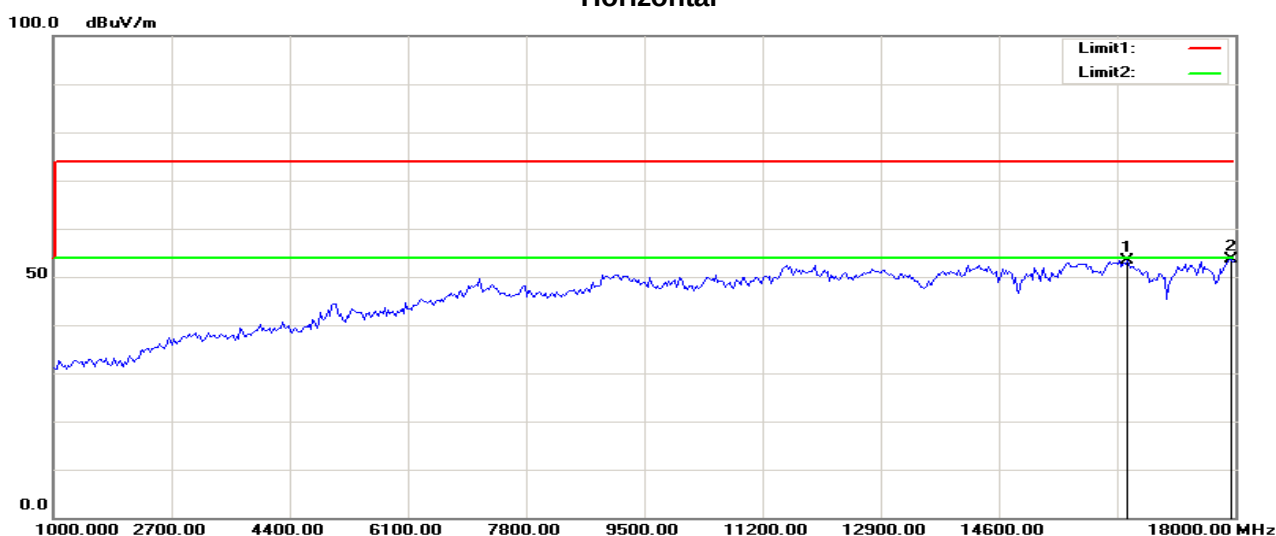
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14322.115	39.74	13.08	52.82	74.00	-21.18	200	139	peak
2	16338.141	39.02	14.41	53.43	74.00	-20.57	200	360	peak

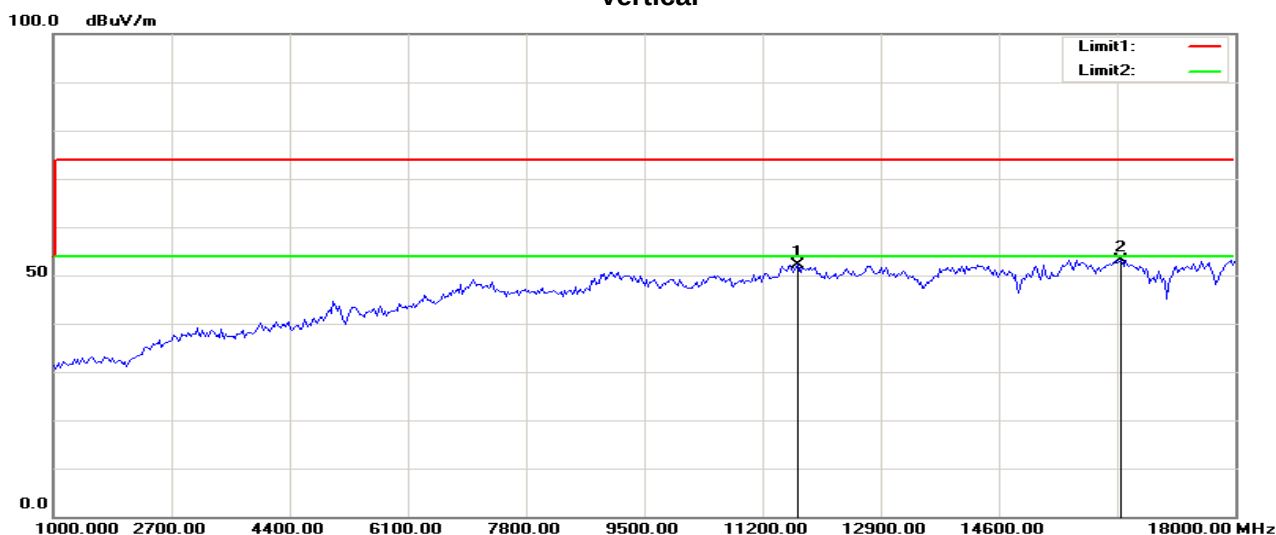
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16447.115	38.95	14.45	53.40	74.00	-20.60	200	0	peak
2	17945.513	35.47	18.07	53.54	74.00	-20.46	200	44	peak

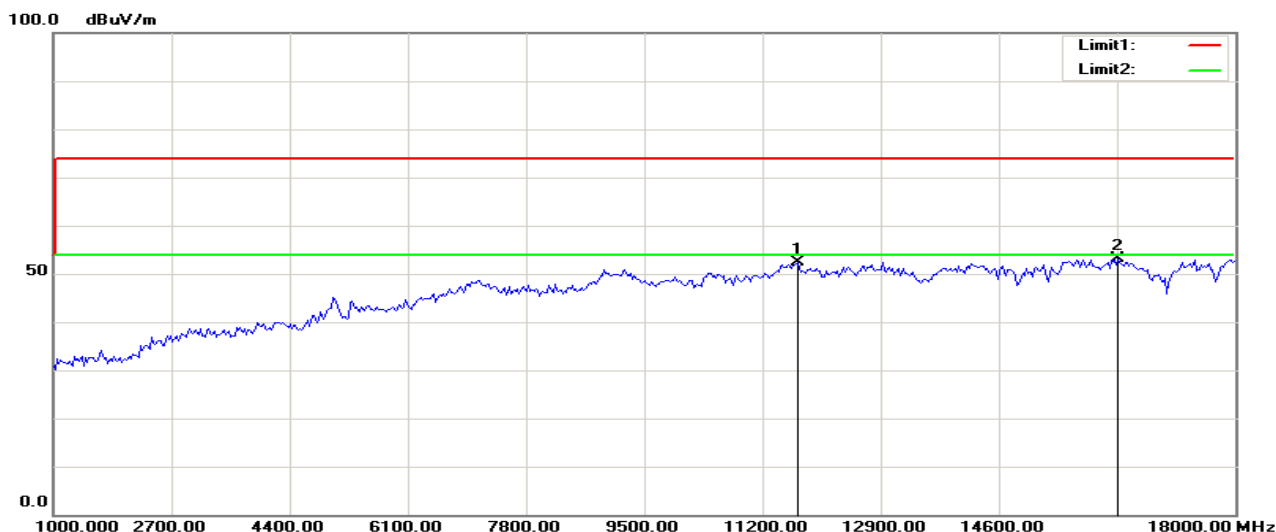
Vertical



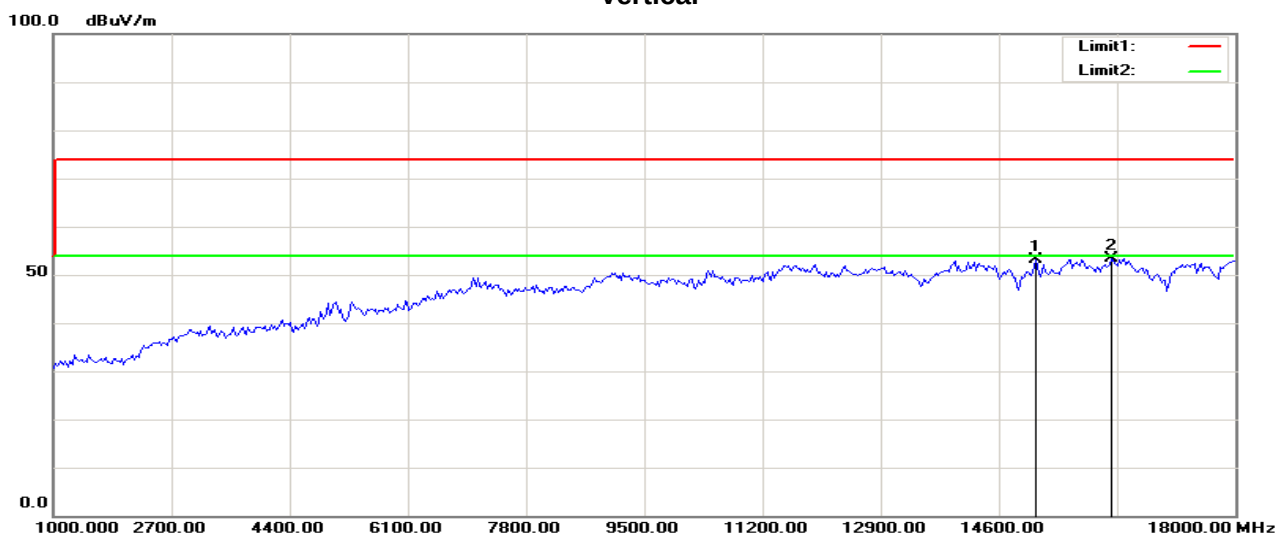
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.61	11.64	52.25	74.00	-21.75	100	360	peak
2	16365.385	38.78	14.42	53.20	74.00	-20.80	200	211	peak

Band II:5250MHz~5350MHz

Operation Mode:	Tx / IEEE 802.11a mode/CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal

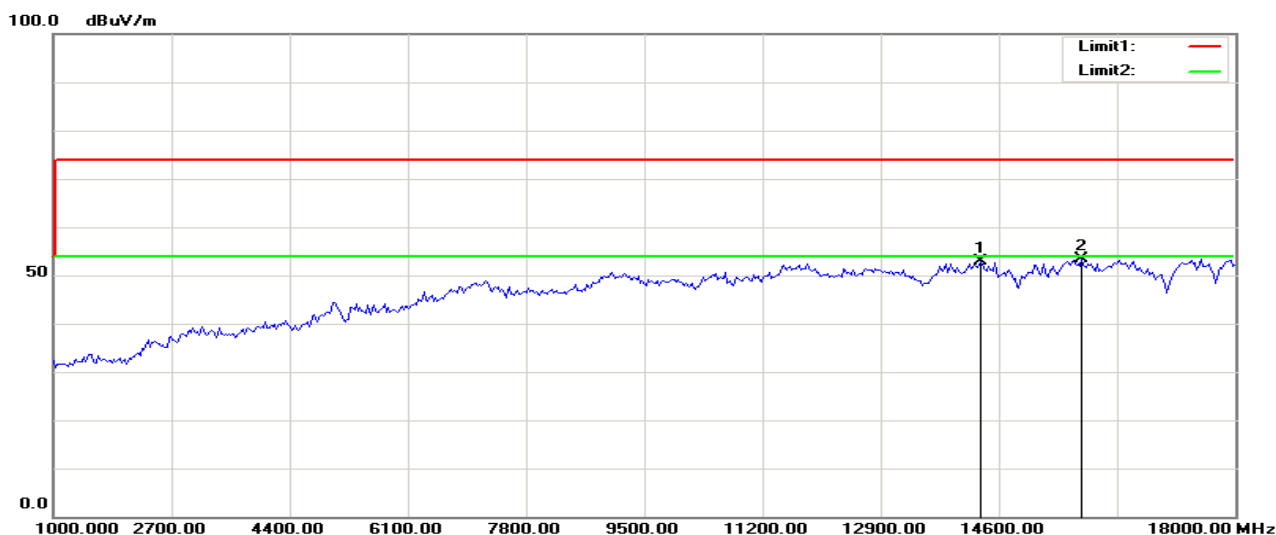
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.69	11.64	52.33	74.00	-21.67	100	360	peak
2	16310.897	38.65	14.41	53.06	74.00	-20.94	200	360	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15139.423	39.39	13.62	53.01	74.00	-20.99	100	10	peak
2	16229.167	39.00	14.38	53.38	74.00	-20.62	200	158	peak

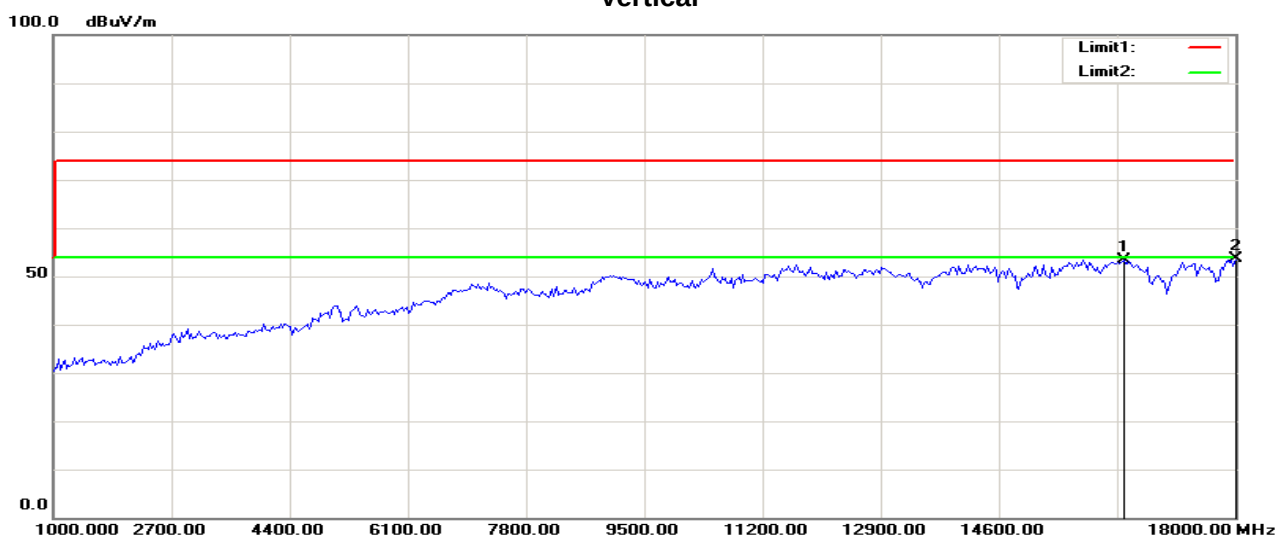
Operation Mode:	Tx / IEEE 802.11a mode/CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14349.359	39.87	13.07	52.94	74.00	-21.06	200	49	peak
2	15793.269	39.38	14.08	53.46	74.00	-20.54	100	5	peak

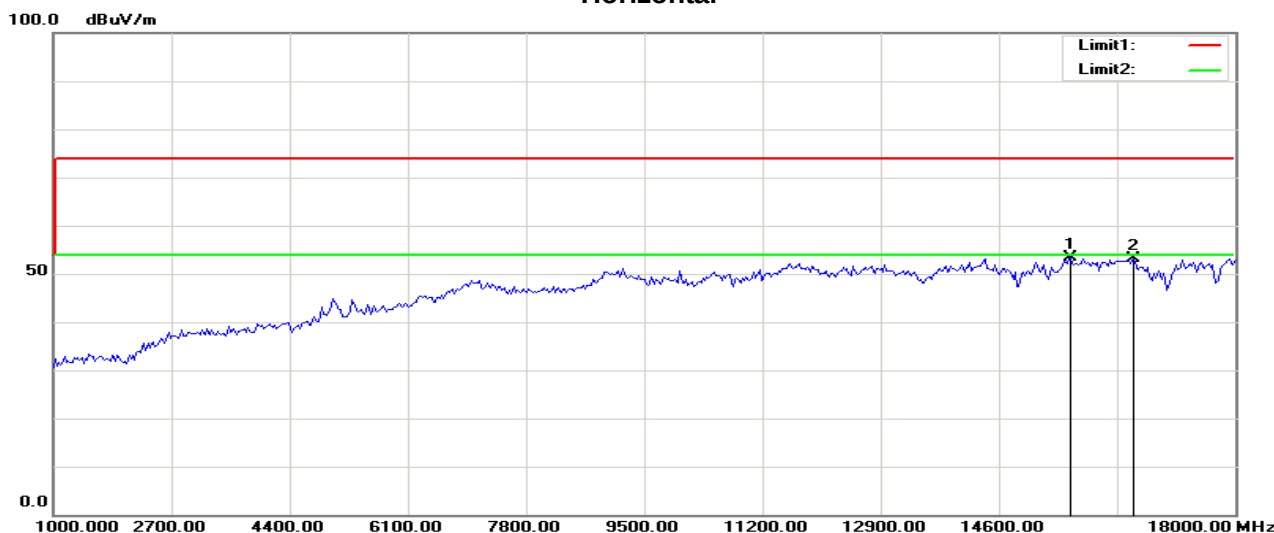
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16392.628	39.06	14.43	53.49	74.00	-20.51	100	97	peak
2	18000.000	35.55	18.13	53.68	74.00	-20.32	200	0	peak

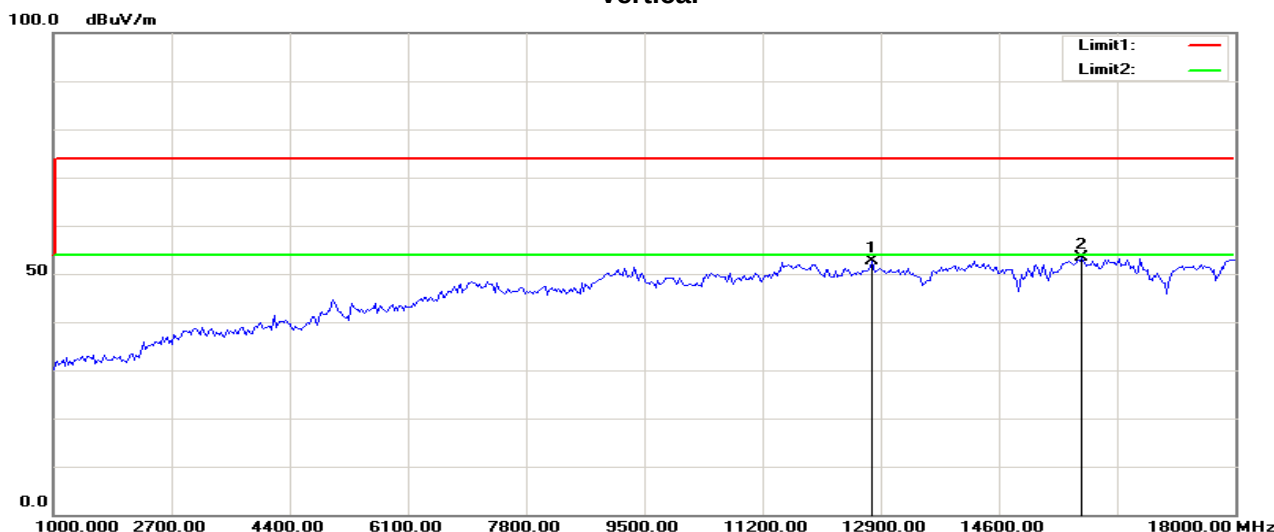
Operation Mode:	Tx / IEEE 802.11a mode/CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15629.808	39.54	13.90	53.44	74.00	-20.56	200	0	peak
2	16528.846	38.61	14.54	53.15	74.00	-20.85	100	154	peak

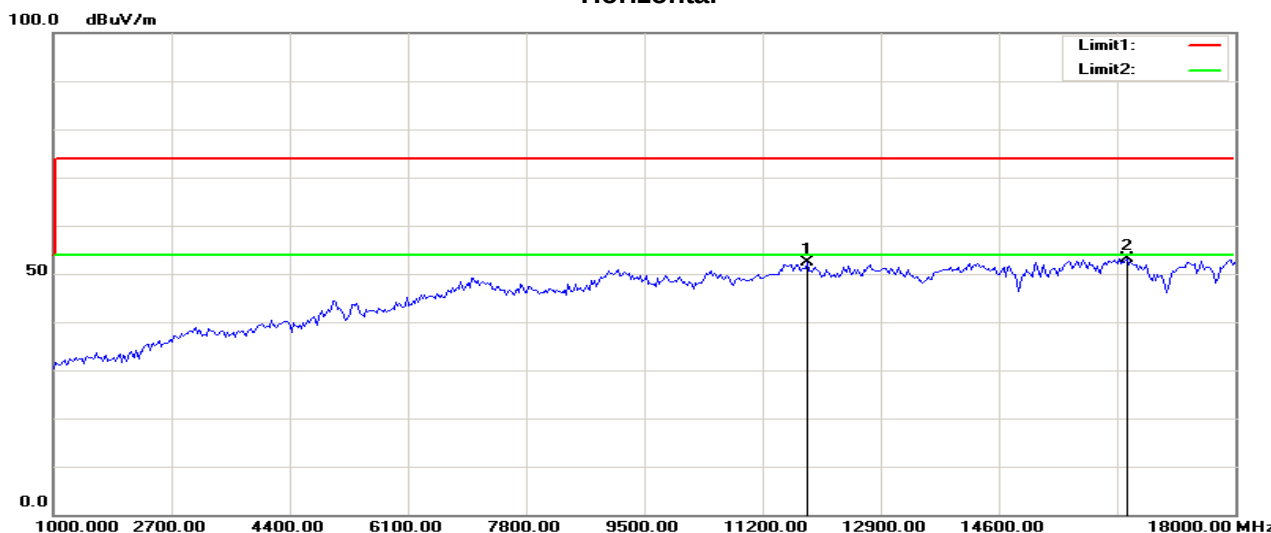
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12769.231	40.34	12.19	52.53	74.00	-21.47	100	360	peak
2	15793.269	39.19	14.08	53.27	74.00	-20.73	100	360	peak

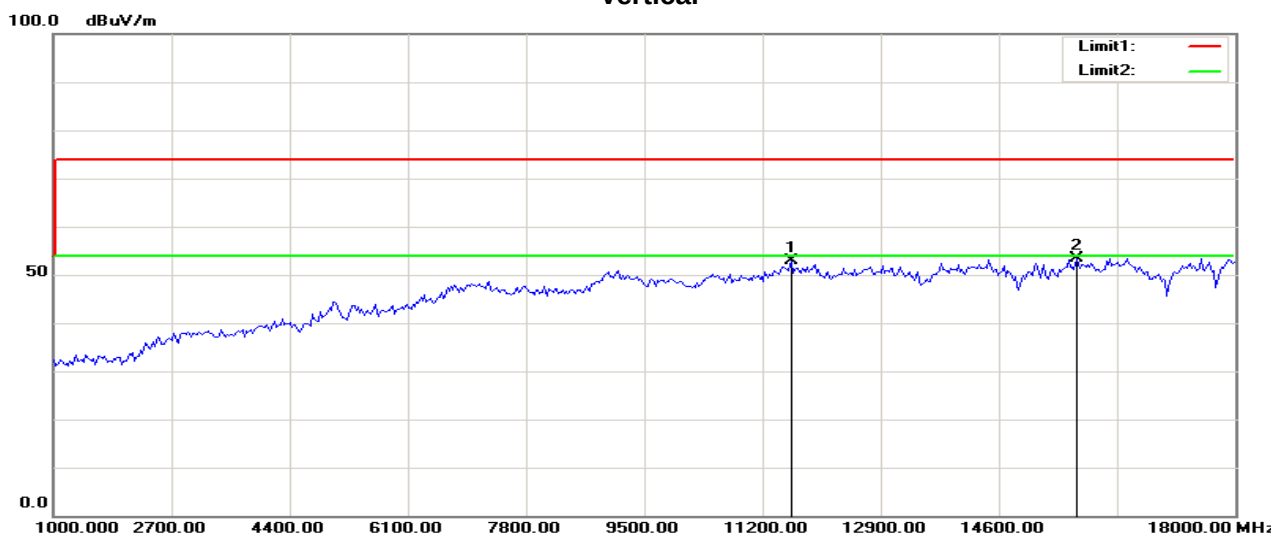
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11842.949	40.52	11.87	52.39	74.00	-21.61	100	360	peak
2	16447.115	38.69	14.45	53.14	74.00	-20.86	200	360	peak

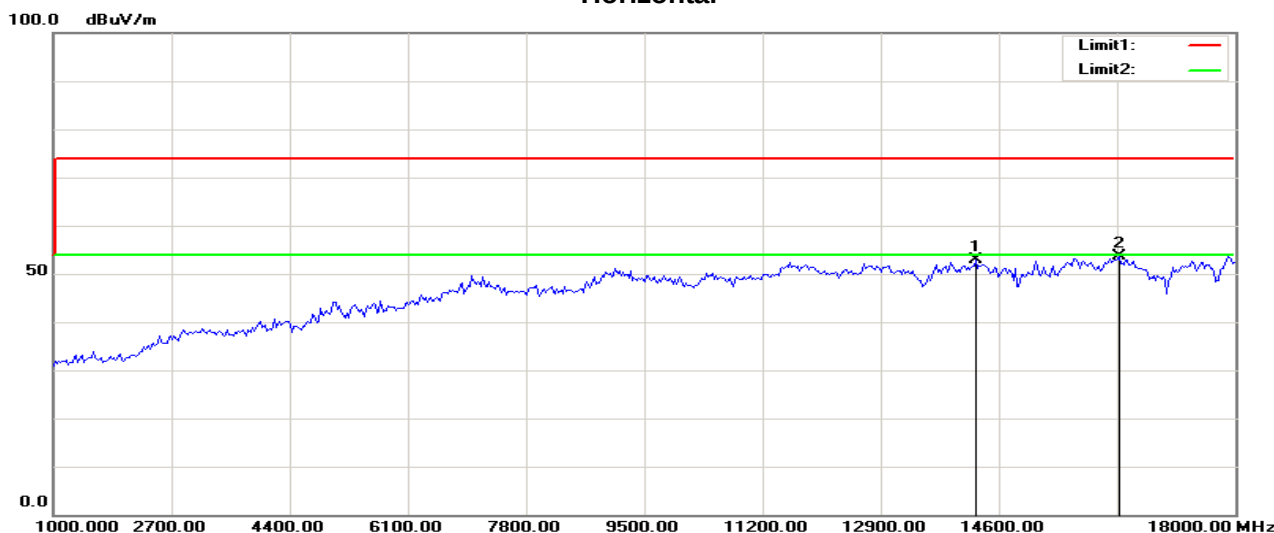
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11625.000	41.26	11.50	52.76	74.00	-21.24	100	273	peak
2	15711.539	39.41	13.99	53.40	74.00	-20.60	100	222	peak

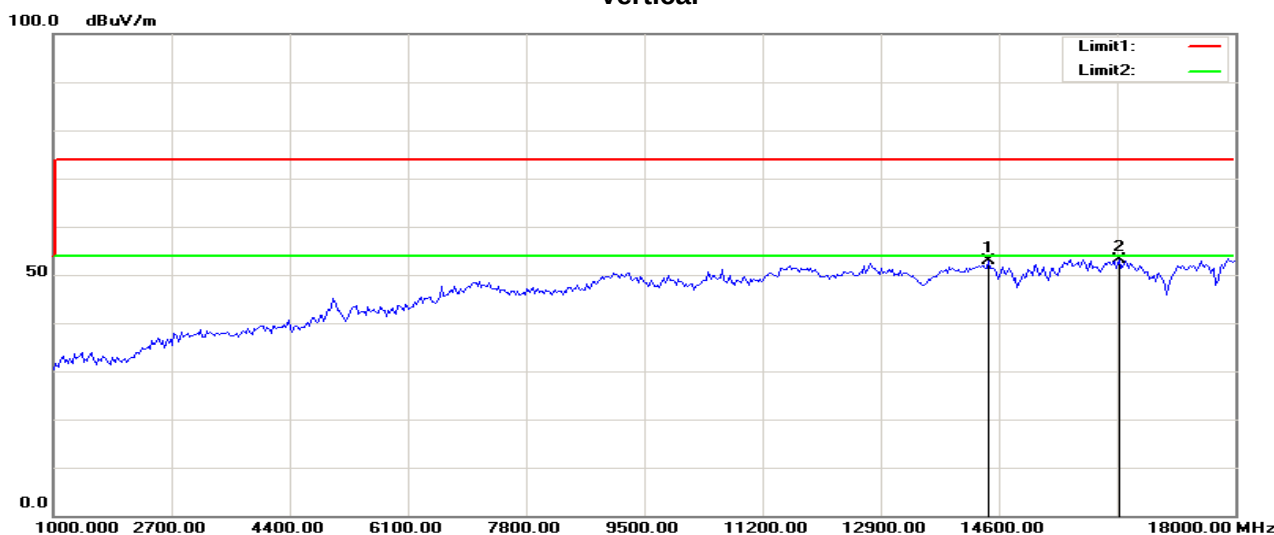
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14267.628	39.77	13.10	52.87	74.00	-21.13	100	360	peak
2	16338.141	39.30	14.41	53.71	74.00	-20.29	200	360	peak

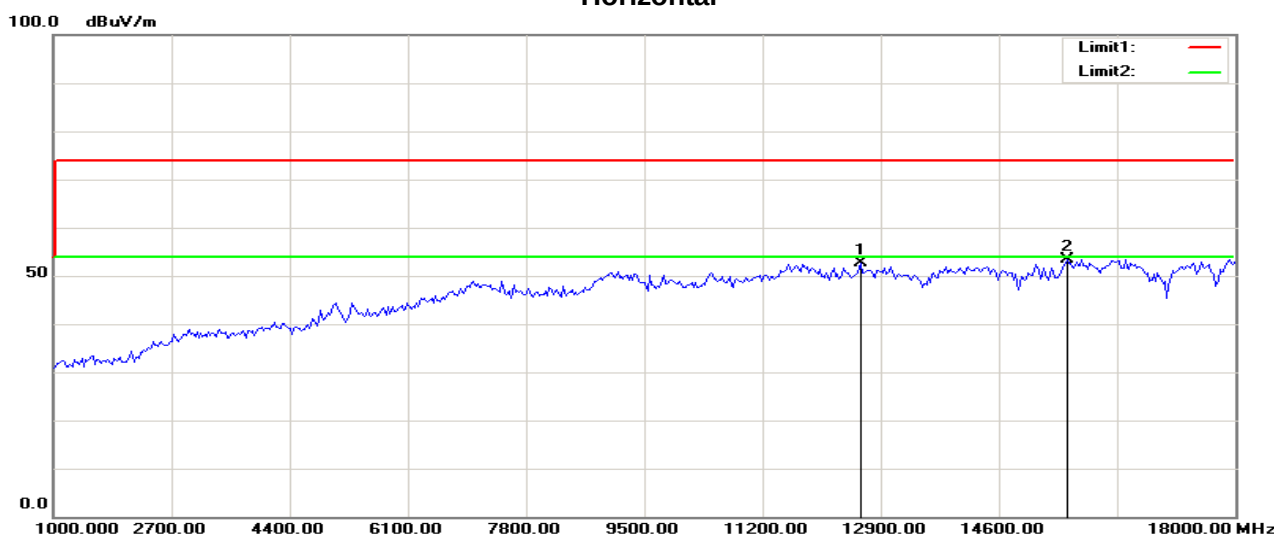
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14458.333	39.85	13.03	52.88	74.00	-21.12	200	360	peak
2	16338.141	38.81	14.41	53.22	74.00	-20.78	100	271	peak

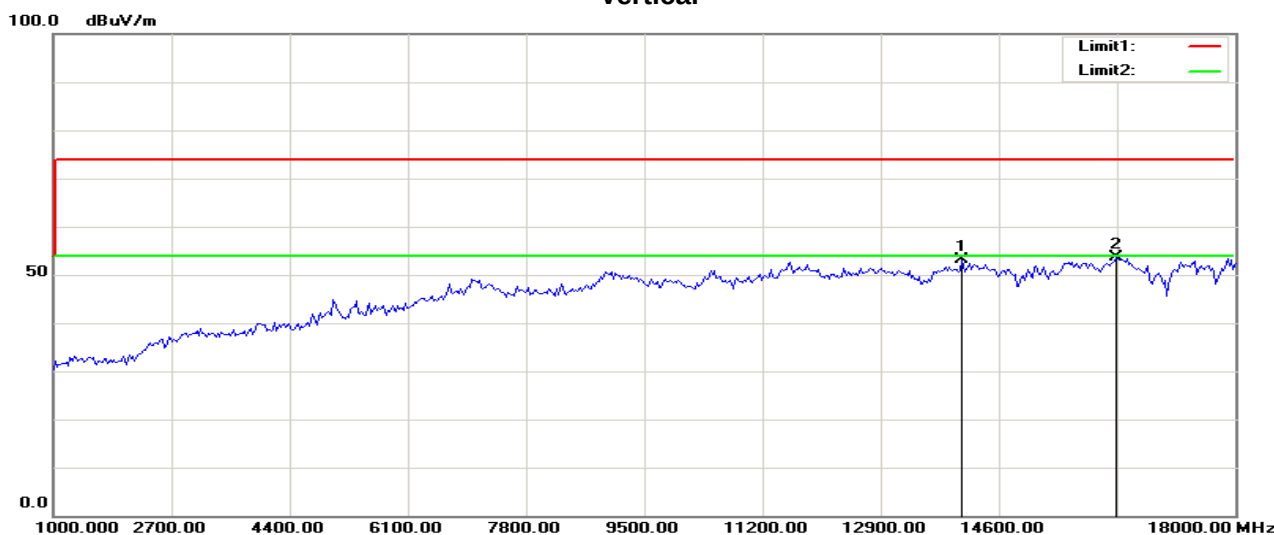
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12605.769	40.60	11.95	52.55	74.00	-21.45	200	0	peak
2	15575.320	39.60	13.84	53.44	74.00	-20.56	100	284	peak

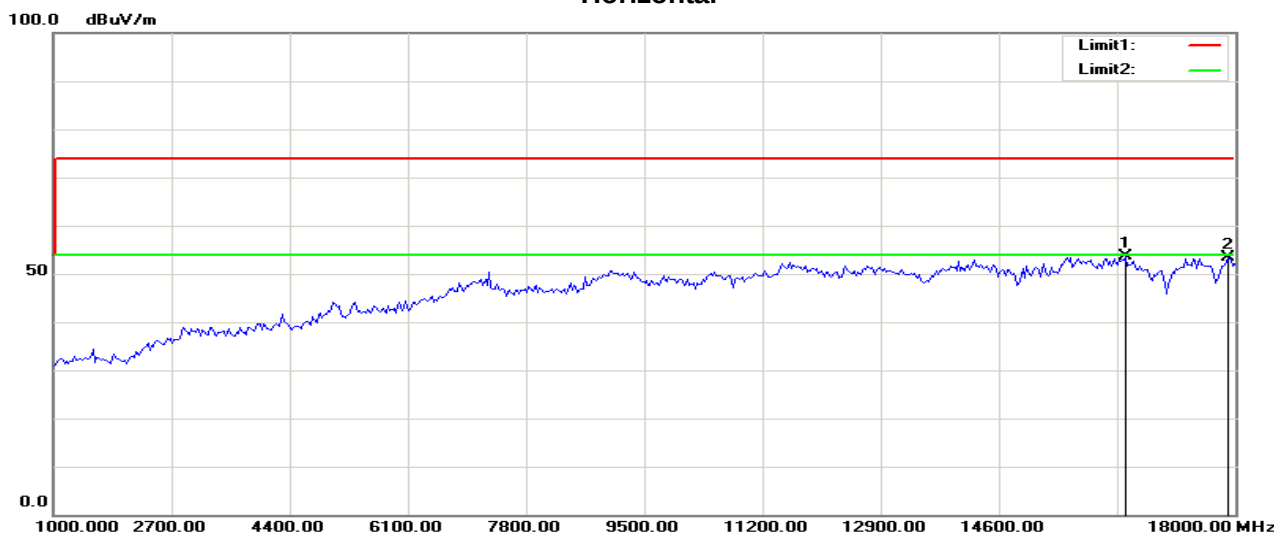
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14076.923	40.07	13.16	53.23	74.00	-20.77	200	360	peak
2	16283.654	39.19	14.40	53.59	74.00	-20.41	100	360	peak

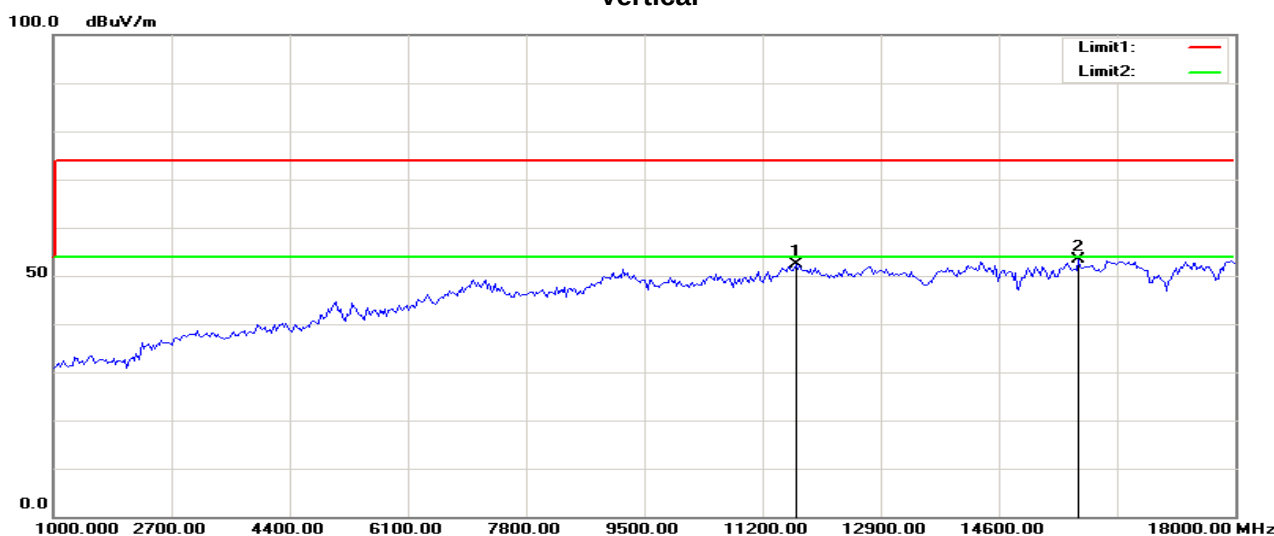
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16419.872	39.19	14.44	53.63	74.00	-20.37	200	150	peak
2	17891.026	35.43	18.02	53.45	74.00	-20.55	200	360	peak

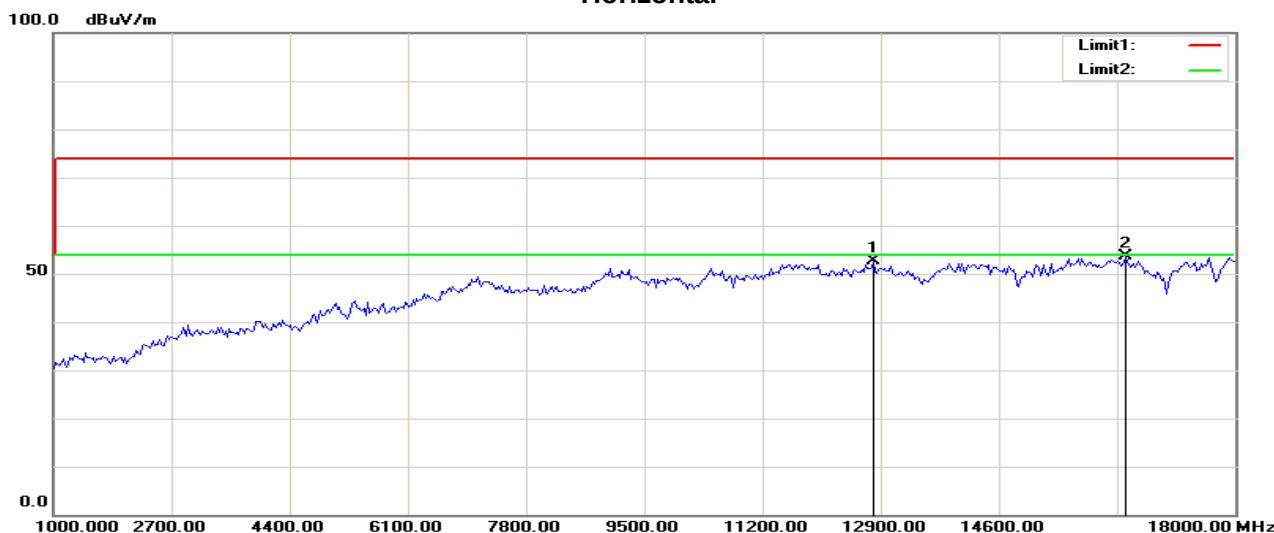
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	40.81	11.60	52.41	74.00	-21.59	200	122	peak
2	15738.782	39.45	14.02	53.47	74.00	-20.53	200	260	peak

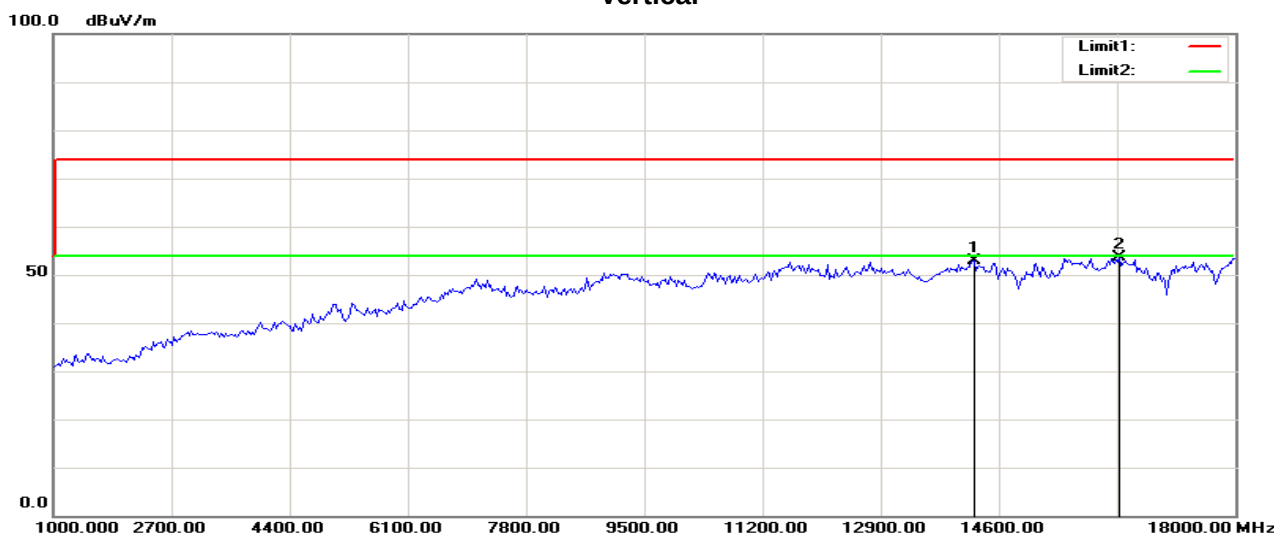
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12796.474	40.30	12.23	52.53	74.00	-21.47	100	216	peak
2	16419.872	39.22	14.44	53.66	74.00	-20.34	200	360	peak

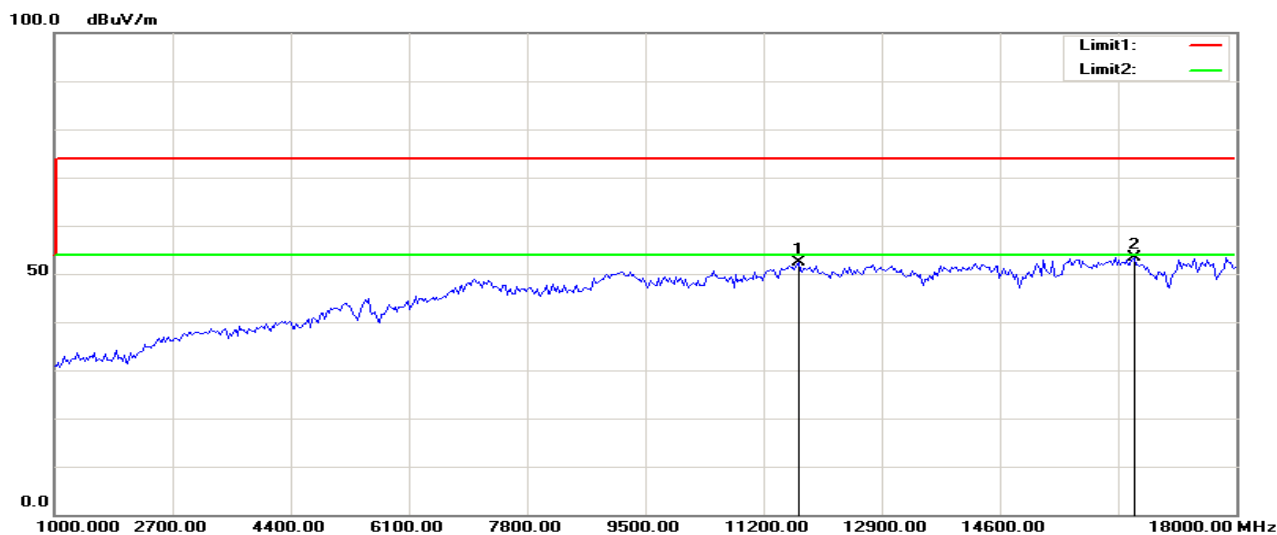
Vertical



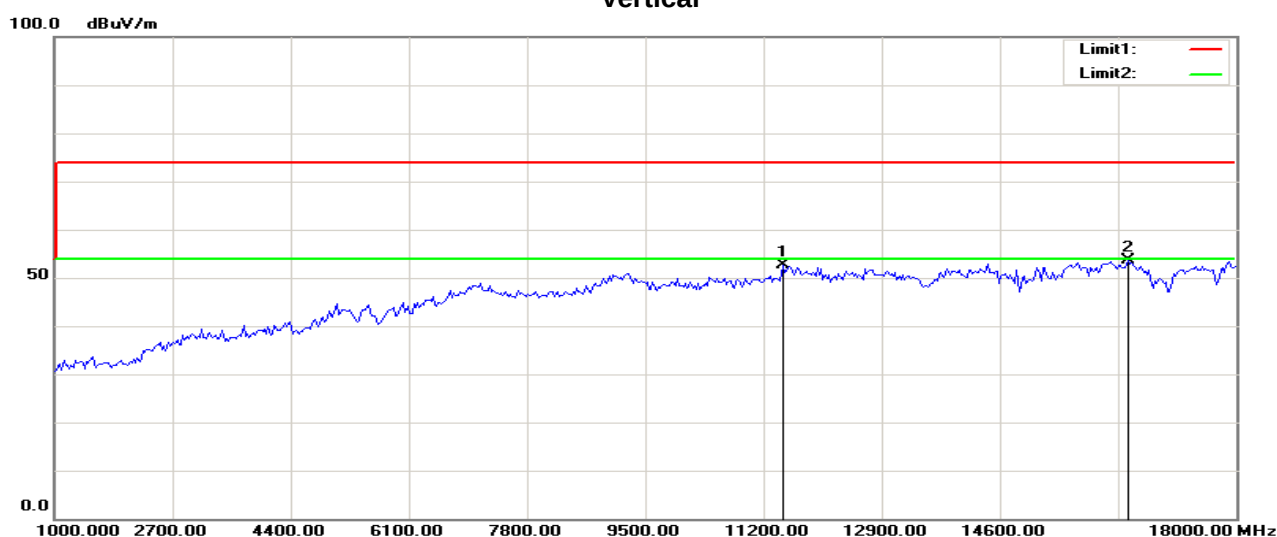
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14240.385	39.68	13.11	52.79	74.00	-21.21	200	225	peak
2	16338.141	39.15	14.41	53.56	74.00	-20.44	200	181	peak

Band III:5470MHz~5725MHz

Operation Mode:	Tx / IEEE 802.11a mode/CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal

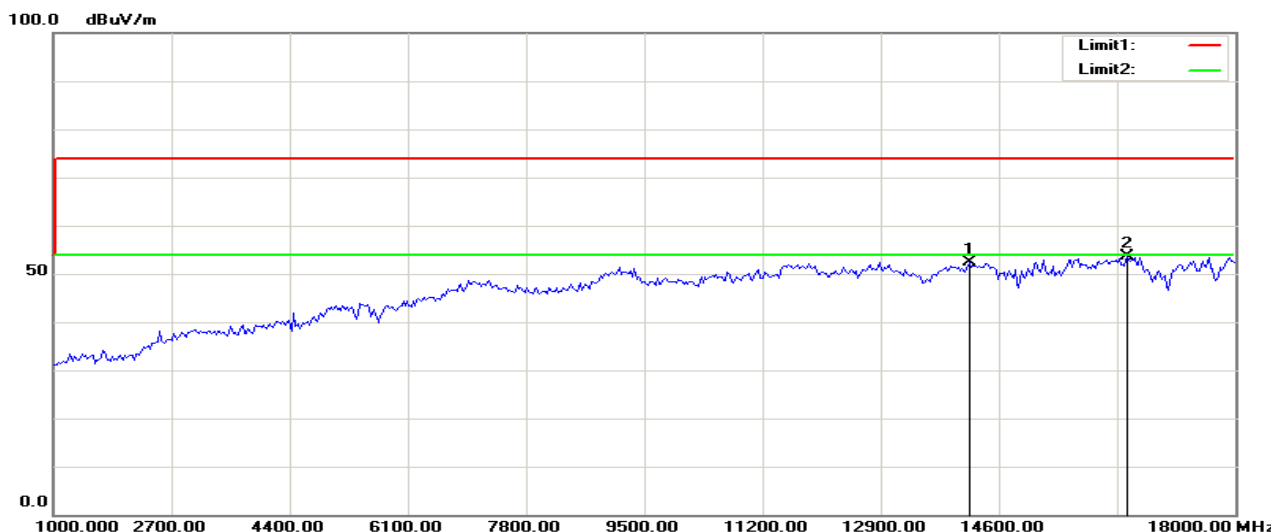
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.74	11.64	52.38	74.00	-21.62	200	152	peak
2	16528.846	38.90	14.54	53.44	74.00	-20.56	200	204	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11488.782	41.30	11.26	52.56	74.00	-21.44	100	360	peak
2	16447.115	39.26	14.45	53.71	74.00	-20.29	200	0	peak

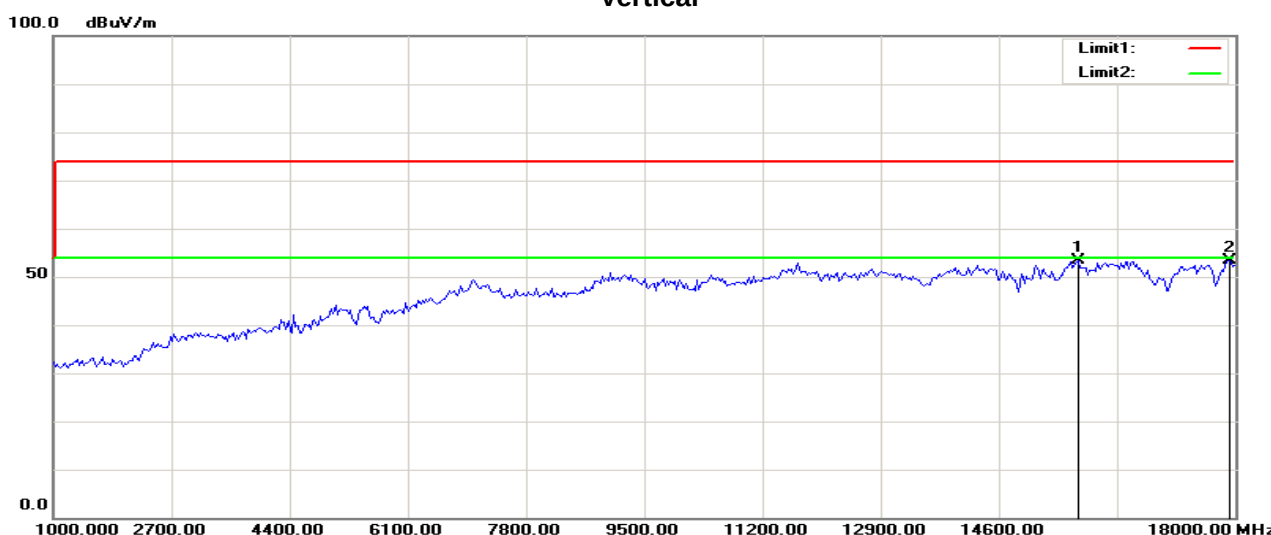
Operation Mode:	Tx / IEEE 802.11a mode/CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14185.897	39.35	13.13	52.48	74.00	-21.52	200	341	peak
2	16447.115	39.11	14.45	53.56	74.00	-20.44	300	29	peak

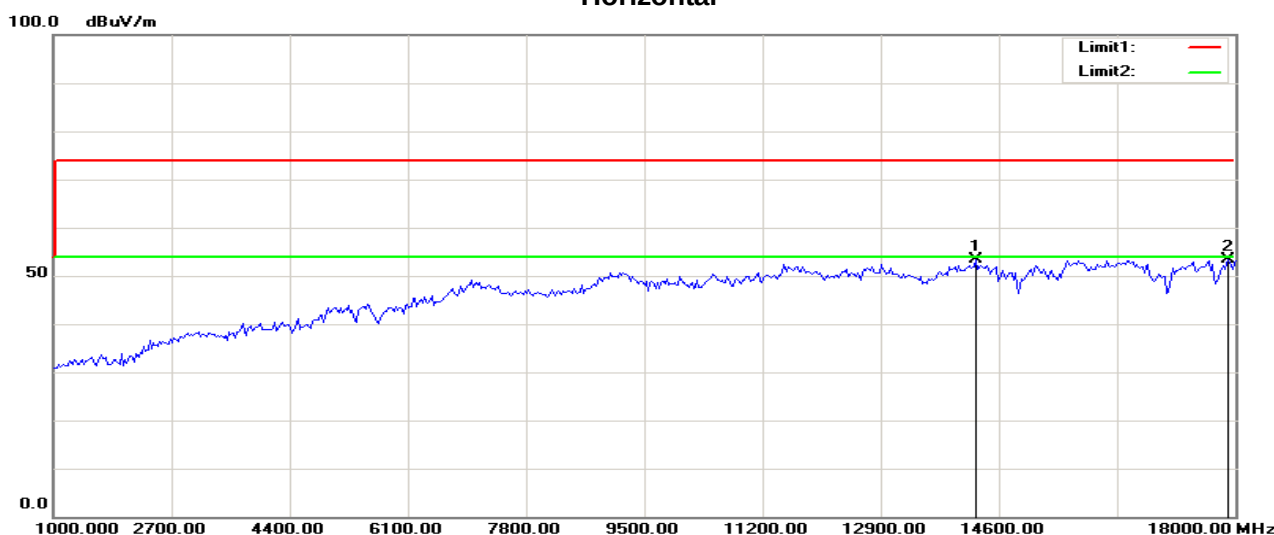
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15738.782	39.25	14.02	53.27	74.00	-20.73	100	132	peak
2	17918.269	35.34	18.04	53.38	74.00	-20.62	100	46	peak

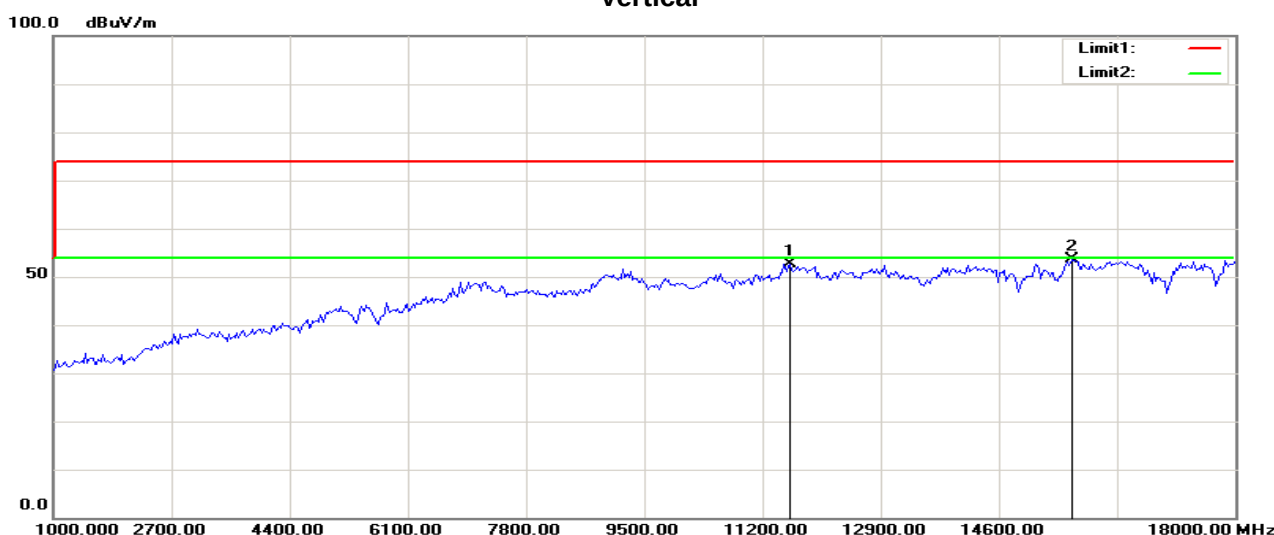
Operation Mode:	Tx / IEEE 802.11a mode/CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14267.628	40.16	13.10	53.26	74.00	-20.74	200	209	peak
2	17891.026	35.39	18.02	53.41	74.00	-20.59	100	243	peak

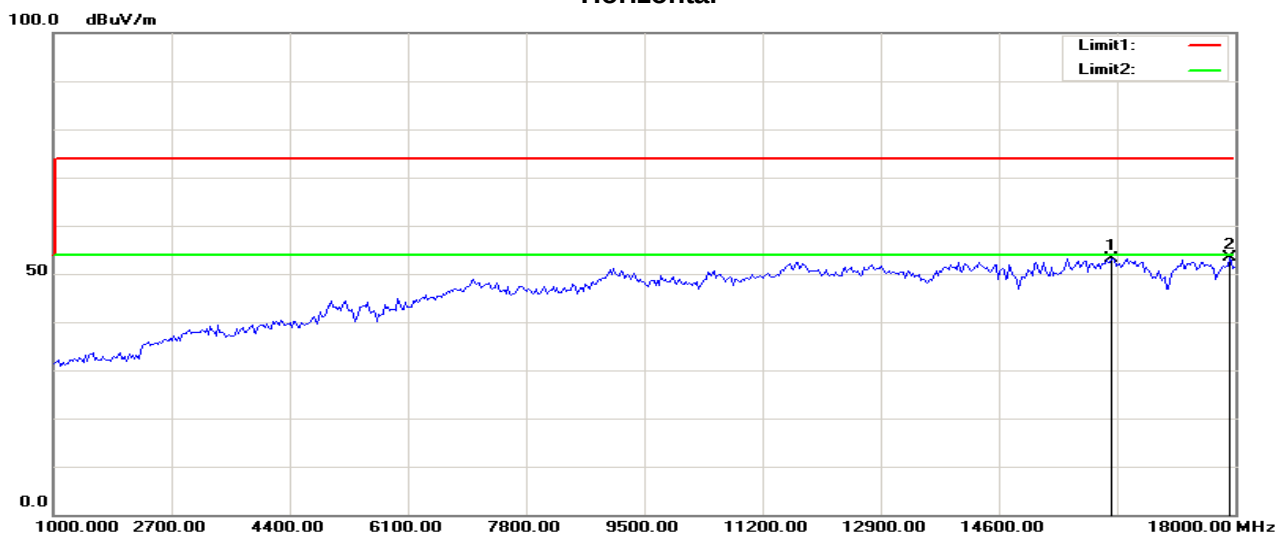
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11597.756	41.10	11.46	52.56	74.00	-21.44	100	216	peak
2	15657.051	39.76	13.93	53.69	74.00	-20.31	200	0	peak

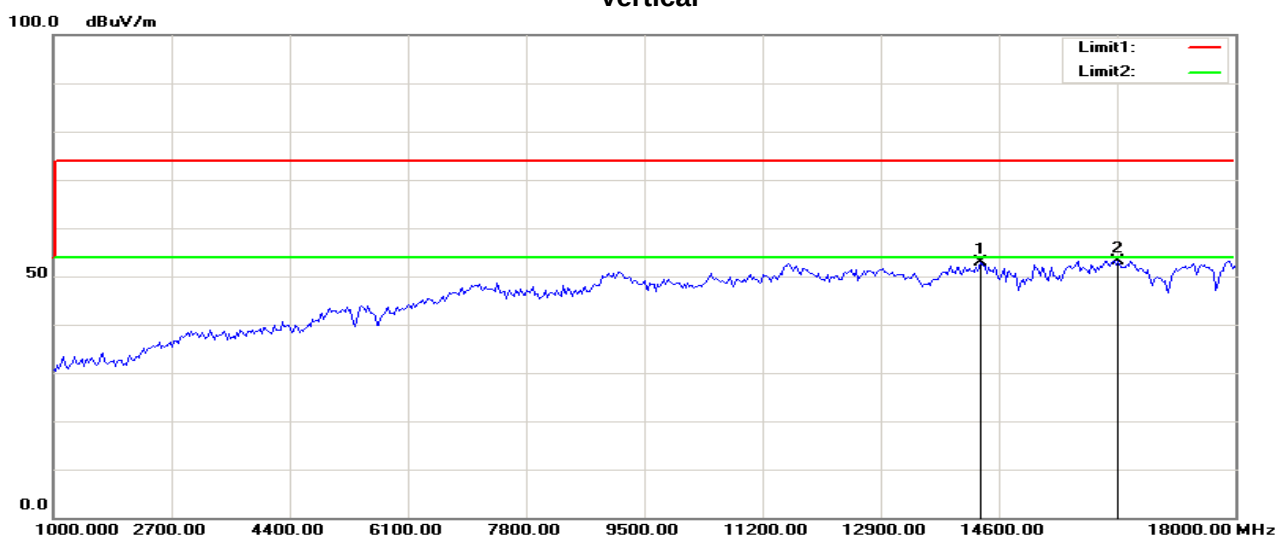
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16229.167	38.73	14.38	53.11	74.00	-20.89	100	307	peak
2	17918.269	35.45	18.04	53.49	74.00	-20.51	100	156	peak

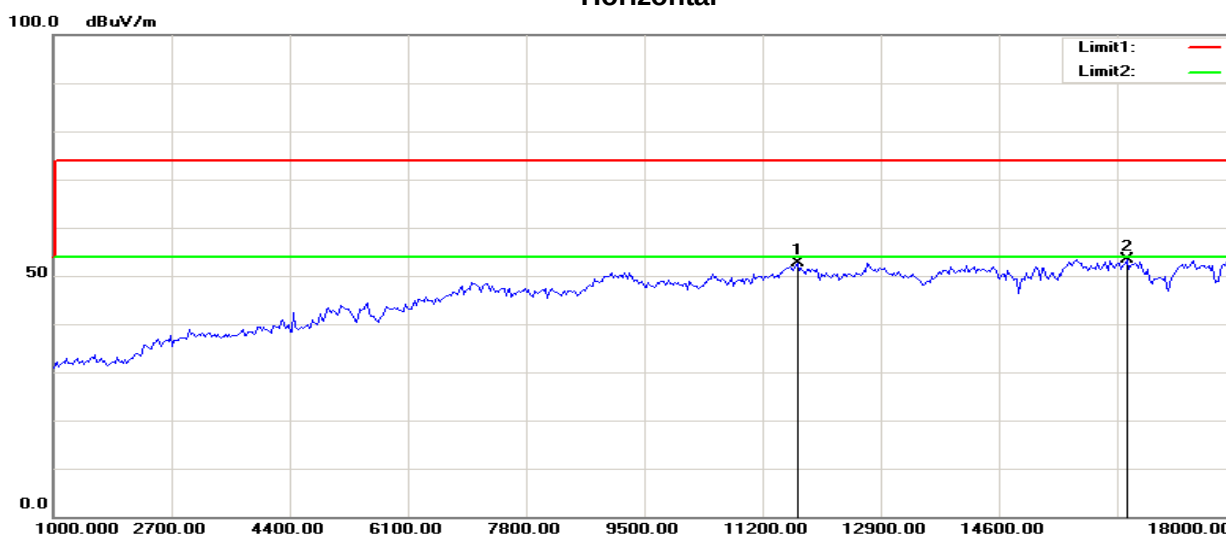
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14349.359	39.85	13.07	52.92	74.00	-21.08	200	3	peak
2	16310.897	38.83	14.41	53.24	74.00	-20.76	100	0	peak

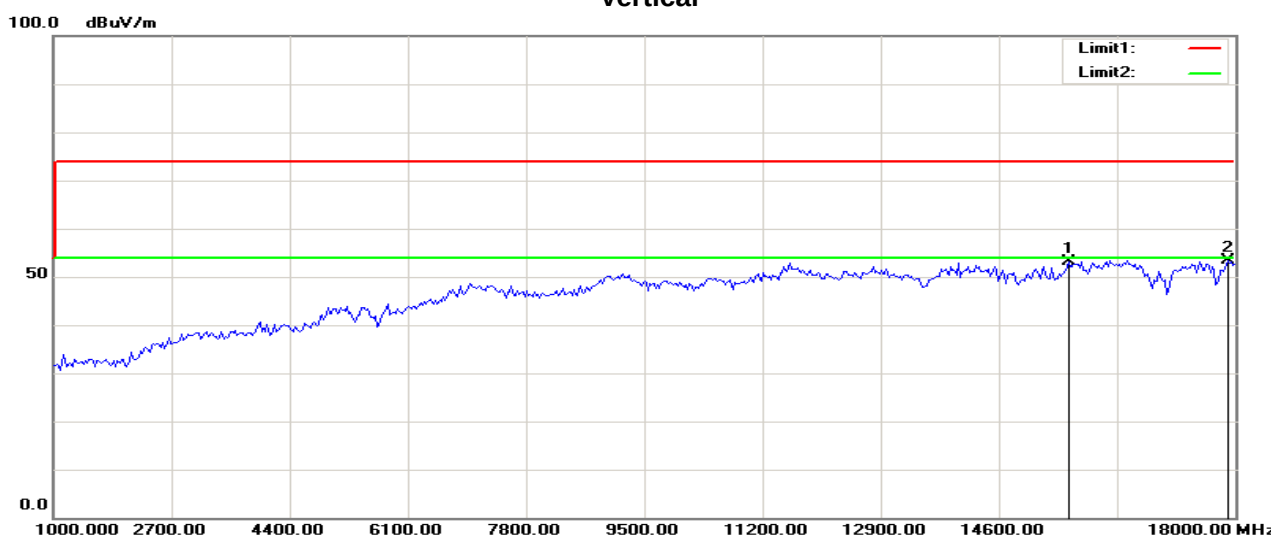
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.99	11.64	52.63	74.00	-21.37	200	360	peak
2	16447.115	38.99	14.45	53.44	74.00	-20.56	200	219	peak

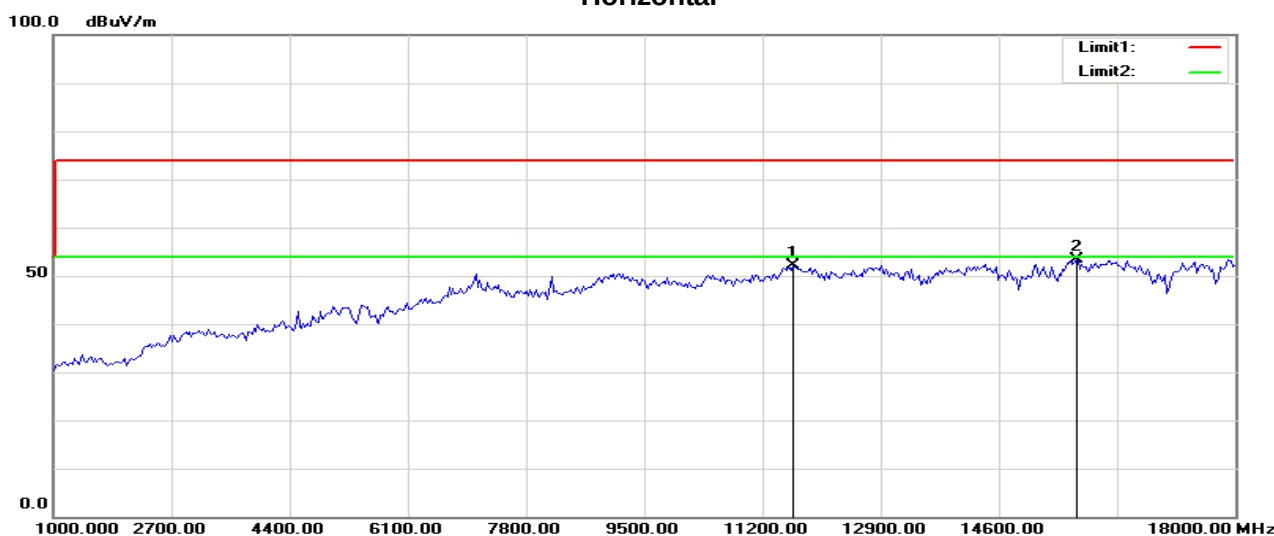
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15602.564	39.34	13.87	53.21	74.00	-20.79	200	251	peak
2	17891.026	35.36	18.02	53.38	74.00	-20.62	200	171	peak

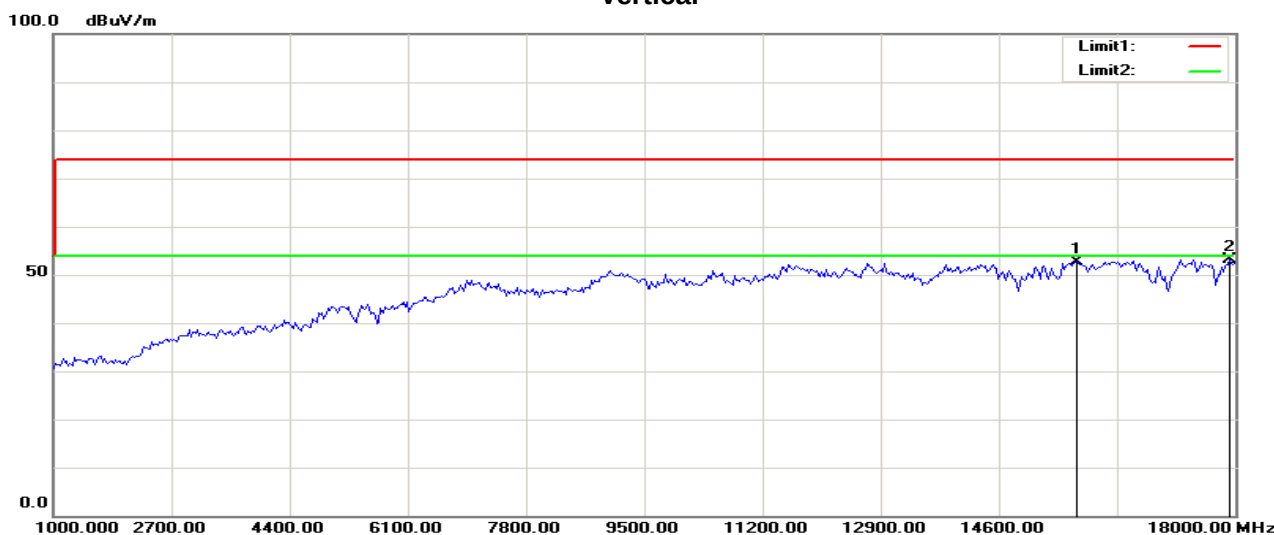
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11652.244	40.54	11.55	52.09	74.00	-21.91	200	0	peak
2	15711.539	39.49	13.99	53.48	74.00	-20.52	100	0	peak

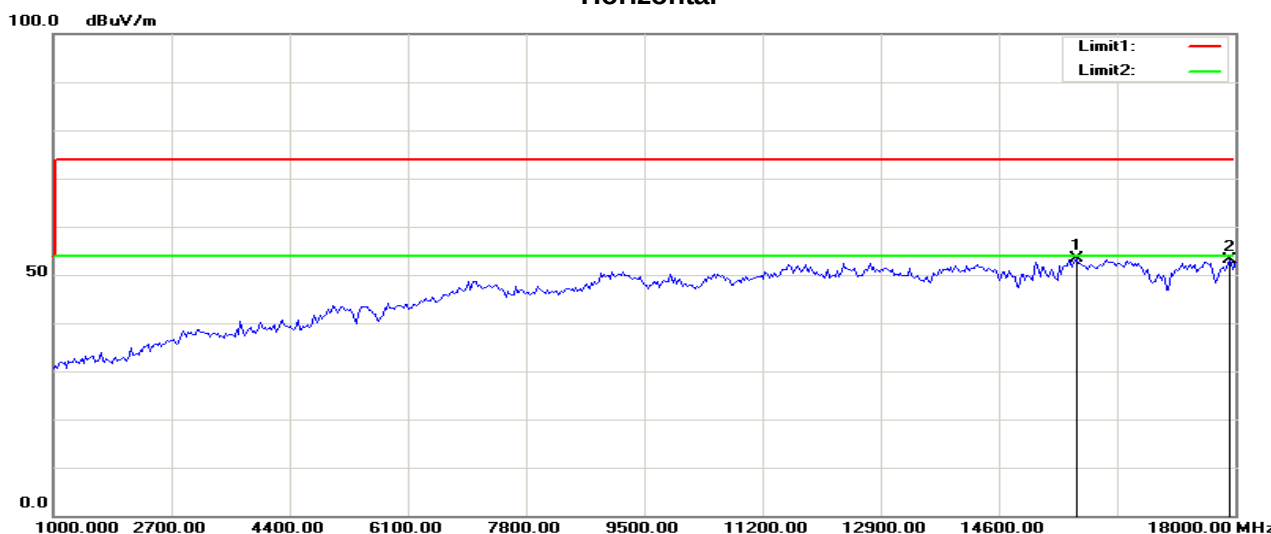
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15711.539	38.71	13.99	52.70	74.00	-21.30	100	0	peak
2	17918.269	35.21	18.04	53.25	74.00	-20.75	200	0	peak

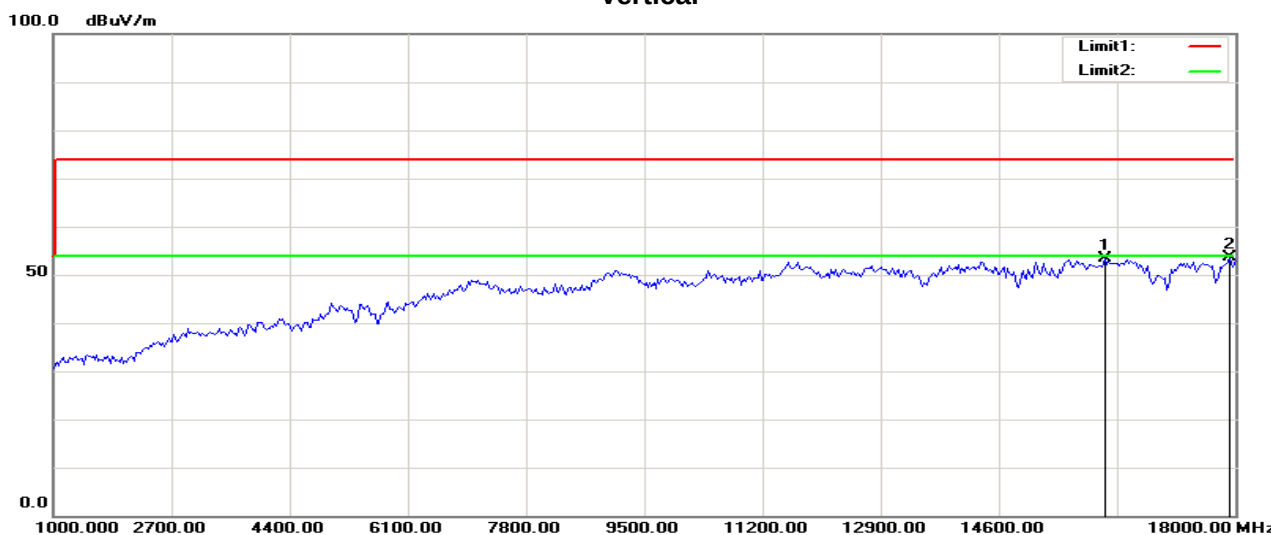
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15711.539	39.48	13.99	53.47	74.00	-20.53	100	34	peak
2	17918.269	35.14	18.04	53.18	74.00	-20.82	100	180	peak

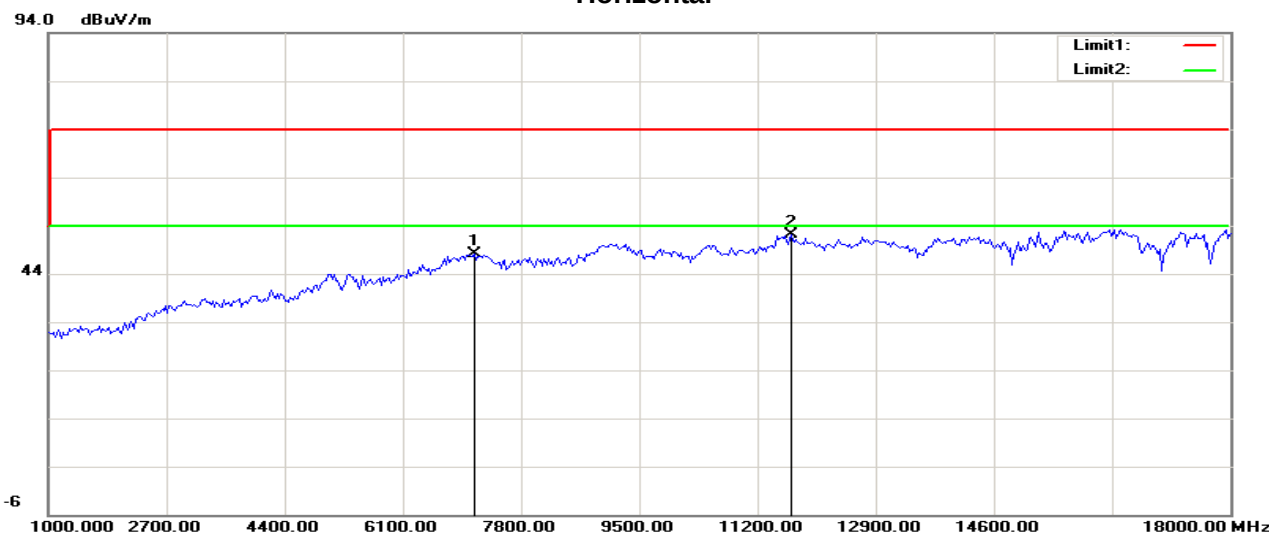
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	16120.192	38.93	14.34	53.27	74.00	-20.73	200	21	peak
2	17918.269	35.66	18.04	53.70	74.00	-20.30	100	54	peak

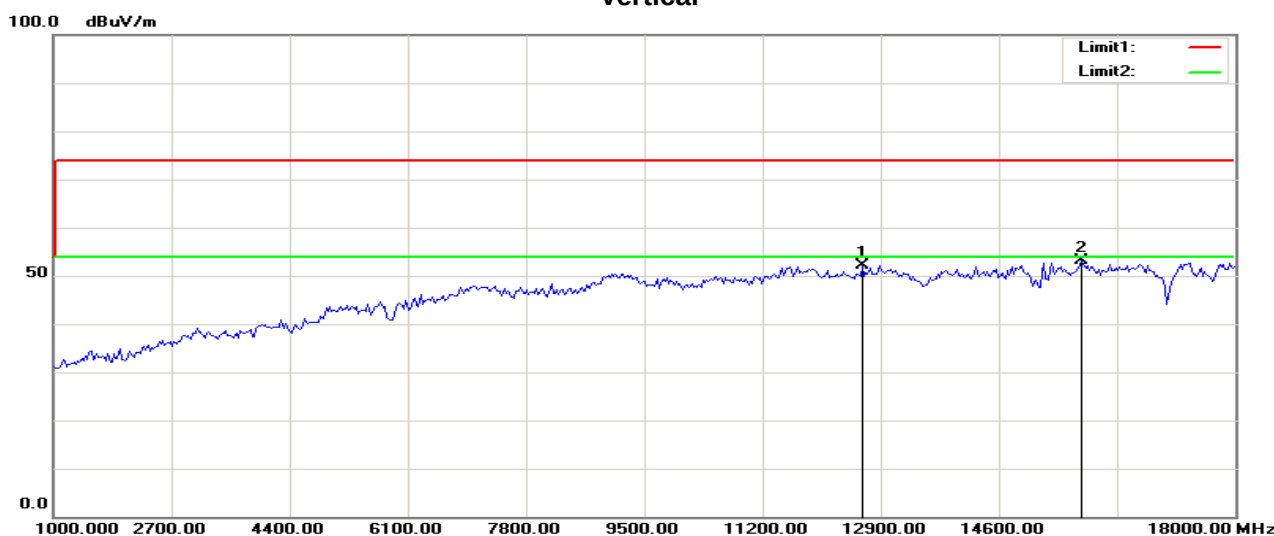
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	7129.808	41.43	6.67	48.10	74.00	-25.90	100	299	peak
2	11679.487	40.64	11.60	52.24	74.00	-21.76	200	108	peak

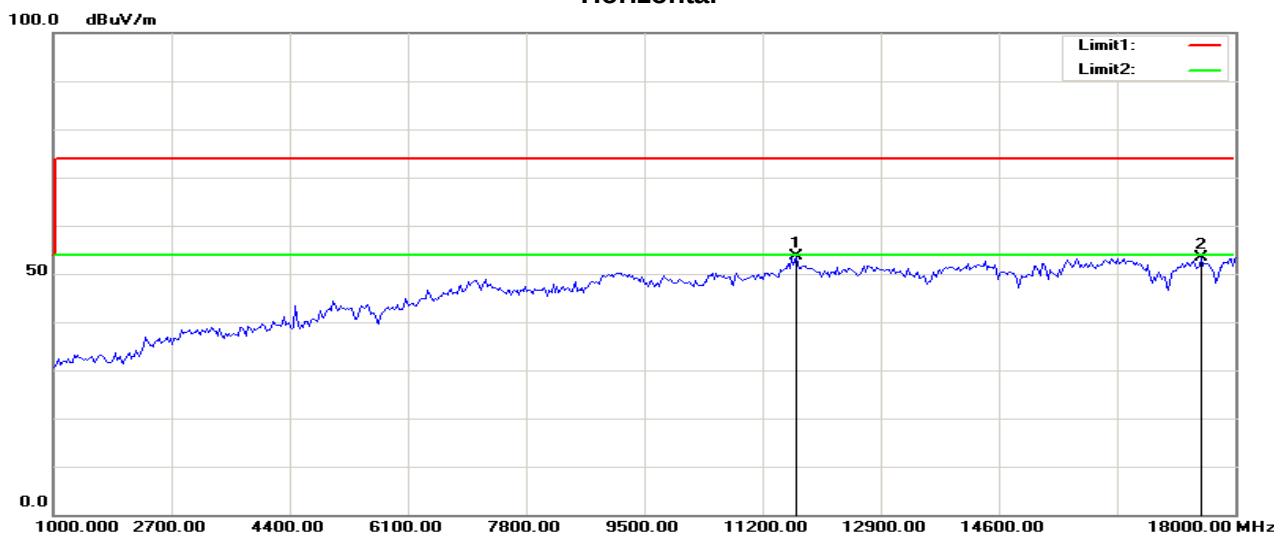
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12633.013	40.19	11.99	52.18	74.00	-21.82	100	112	peak
2	15793.269	39.08	14.08	53.16	74.00	-20.84	100	214	peak

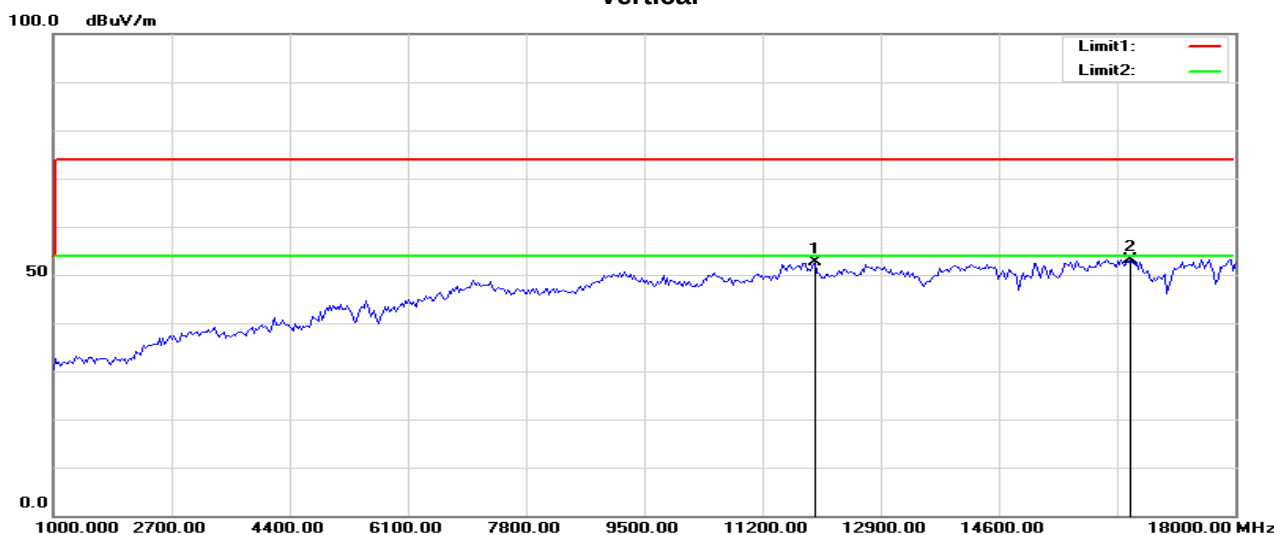
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	42.03	11.60	53.63	74.00	-20.37	200	0	peak
2	17509.615	35.88	17.62	53.50	74.00	-20.50	200	327	peak

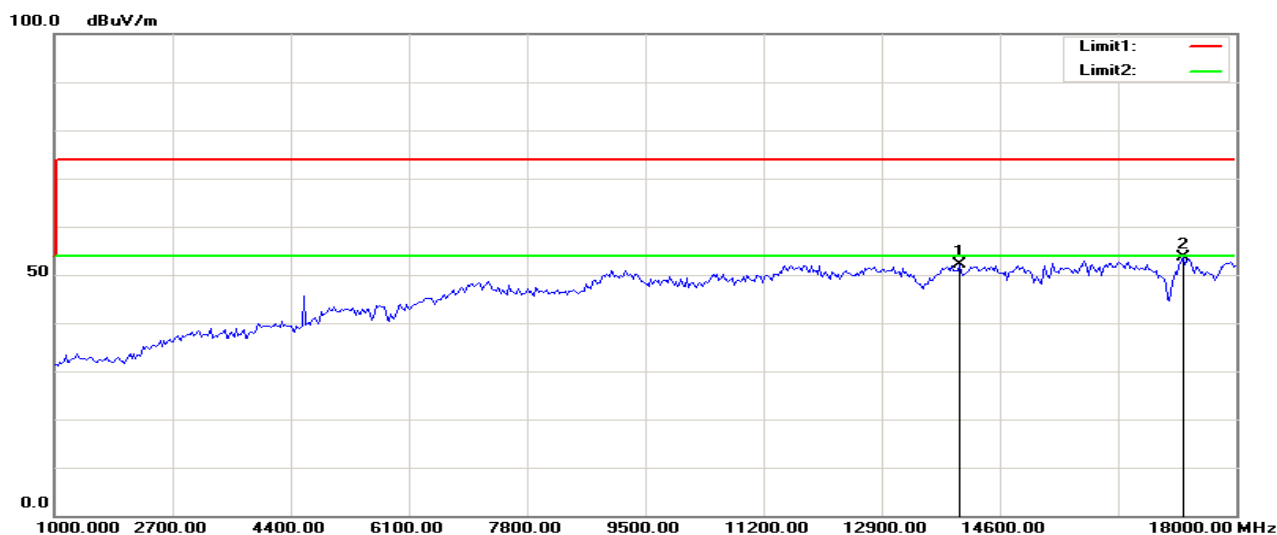
Vertical



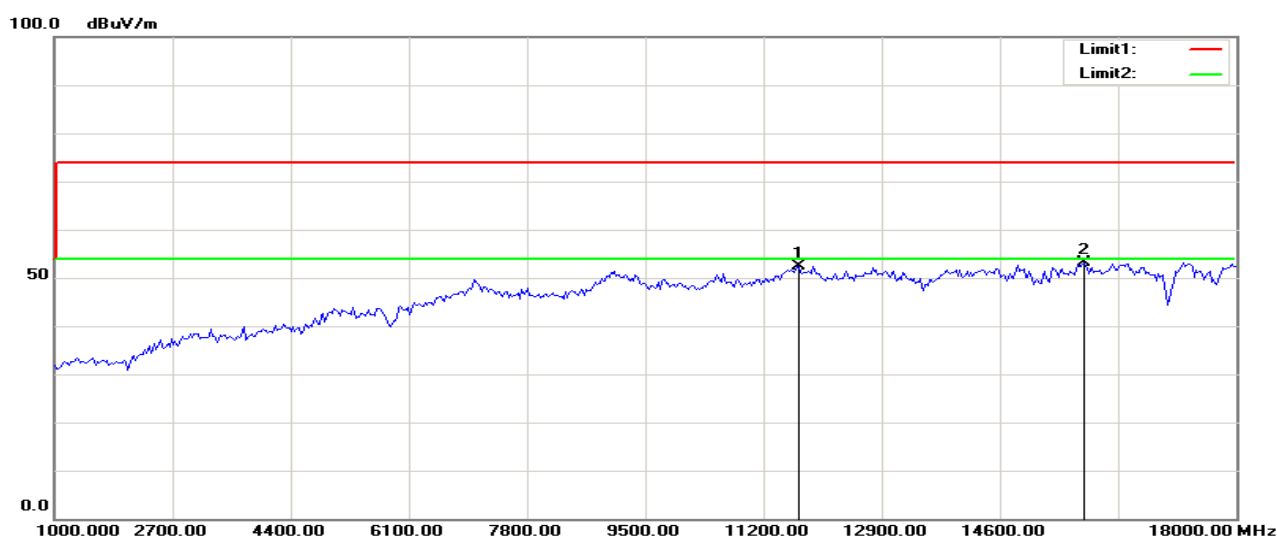
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11951.923	40.53	12.06	52.59	74.00	-21.41	300	68	peak
2	16501.603	38.77	14.47	53.24	74.00	-20.76	100	360	peak

Band IV:5725MHz~5850MHz

Operation Mode:	Tx / IEEE 802.11a mode/CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

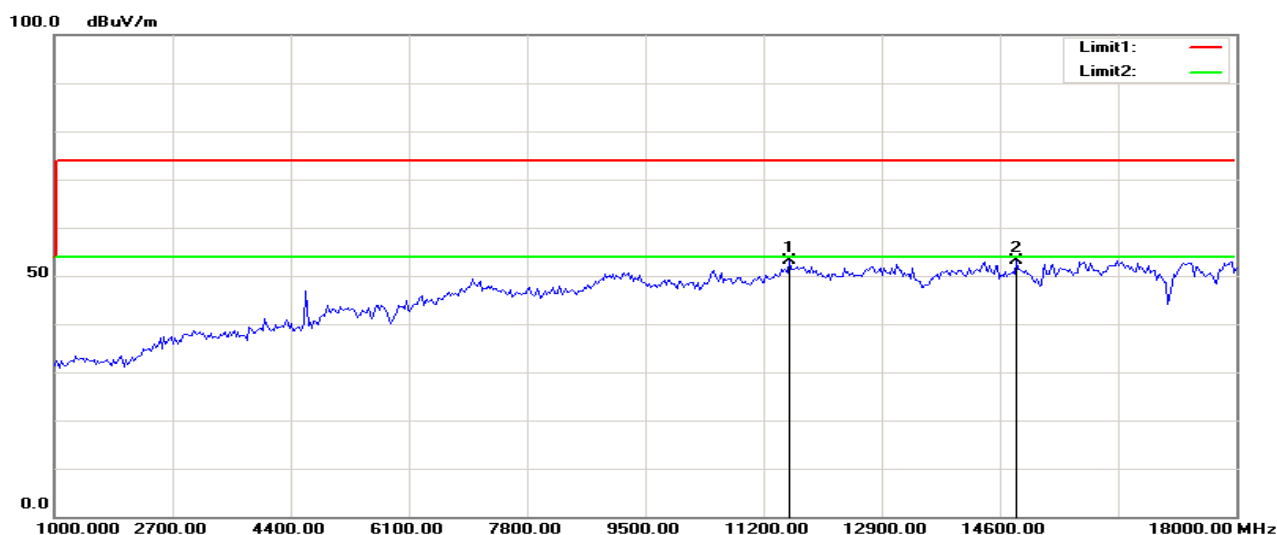
Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14022.436	38.87	13.18	52.05	74.00	-21.95	200	133	peak
2	17237.179	36.96	16.56	53.52	74.00	-20.48	200	26	peak

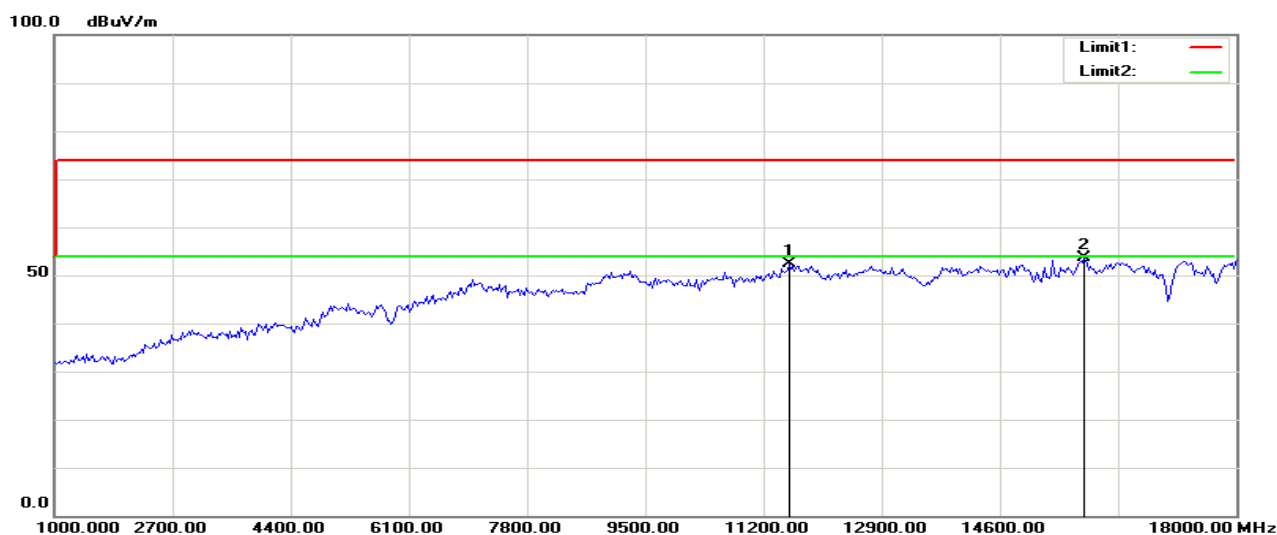
Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11706.731	40.73	11.64	52.37	74.00	-21.63	100	297	peak
2	15820.513	39.04	14.11	53.15	74.00	-20.85	100	360	peak

Operation Mode:	Tx / IEEE 802.11a mode/CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal

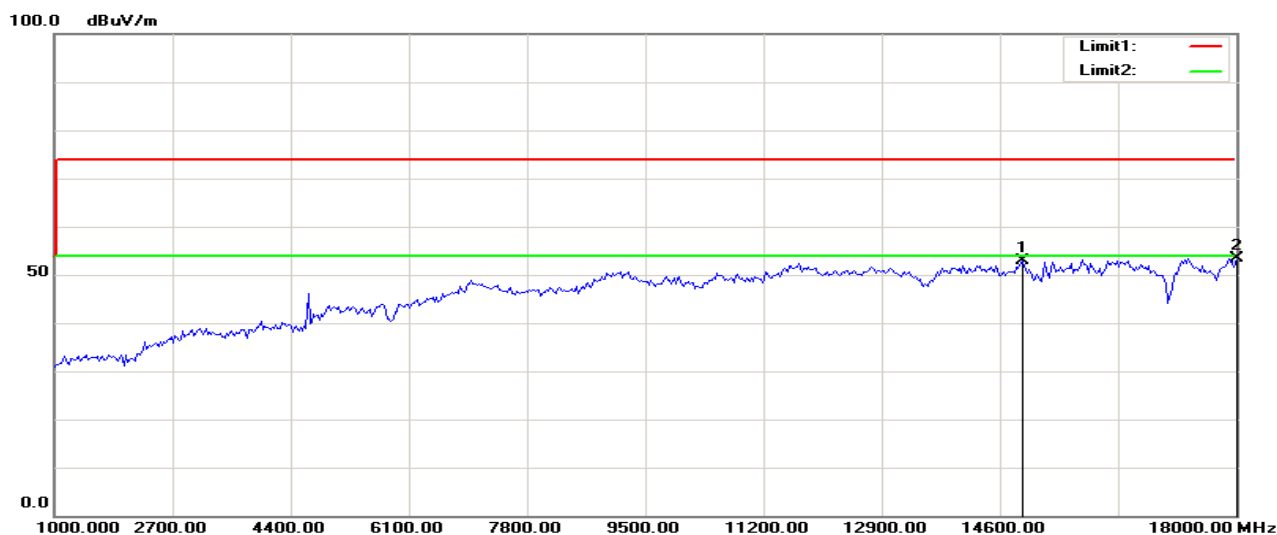
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11570.513	41.75	11.41	53.16	74.00	-20.84	200	310	peak
2	14839.744	39.79	13.39	53.18	74.00	-20.82	100	184	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11570.513	40.87	11.41	52.28	74.00	-21.72	100	346	peak
2	15820.513	39.50	14.11	53.61	74.00	-20.39	100	298	peak

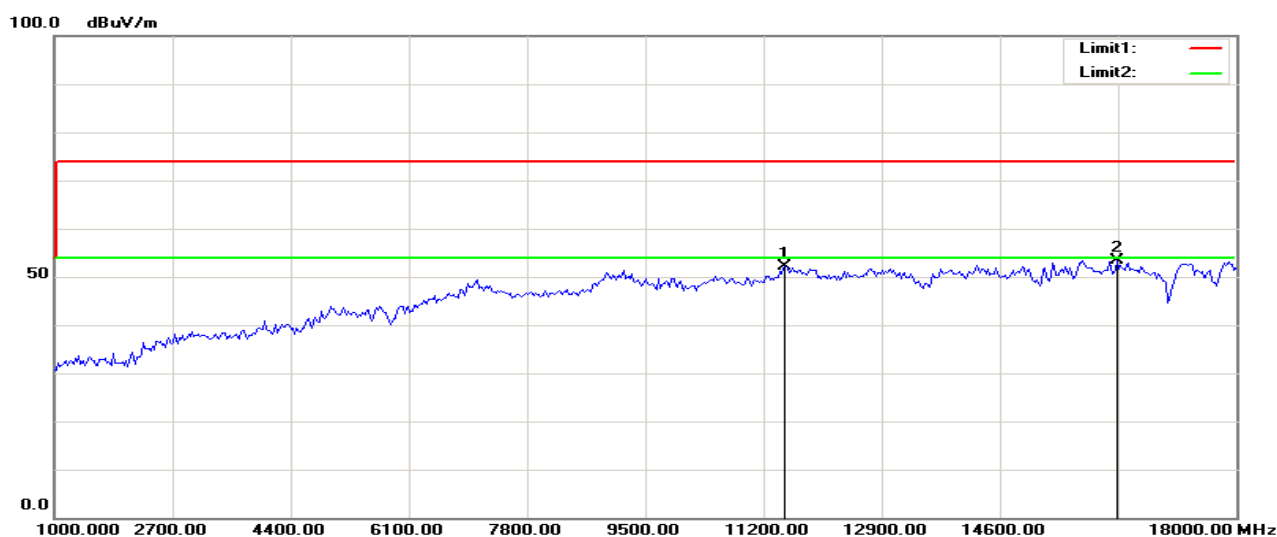
Operation Mode:	Tx / IEEE 802.11a mode/CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



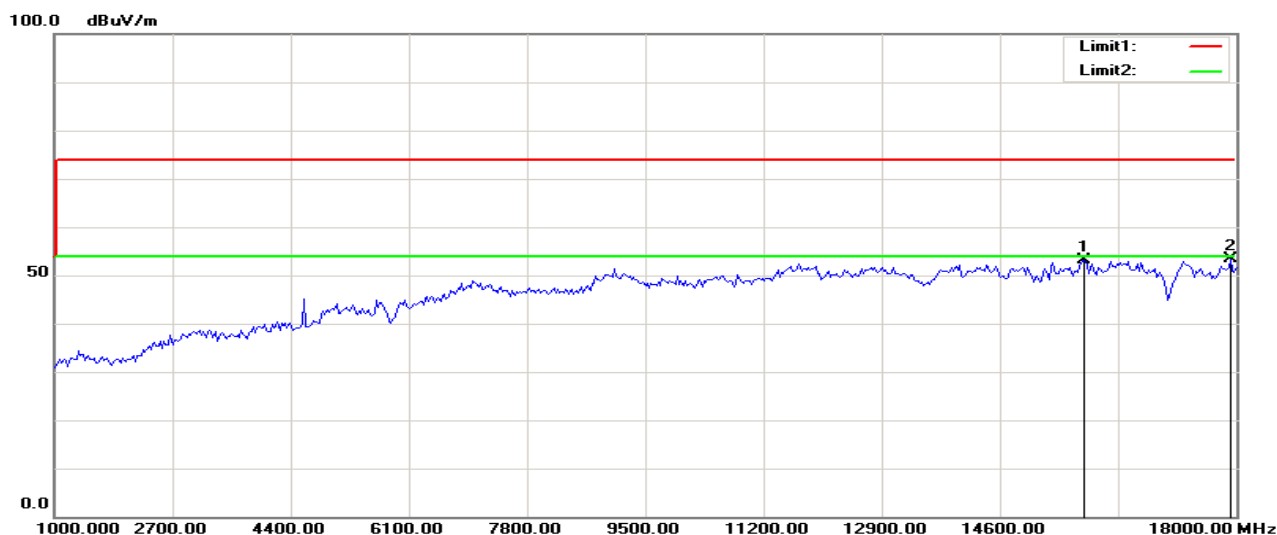
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	14921.474	39.47	13.48	52.95	74.00	-21.05	200	360	peak
2	18000.000	35.26	18.13	53.39	74.00	-20.61	200	0	peak

Vertical

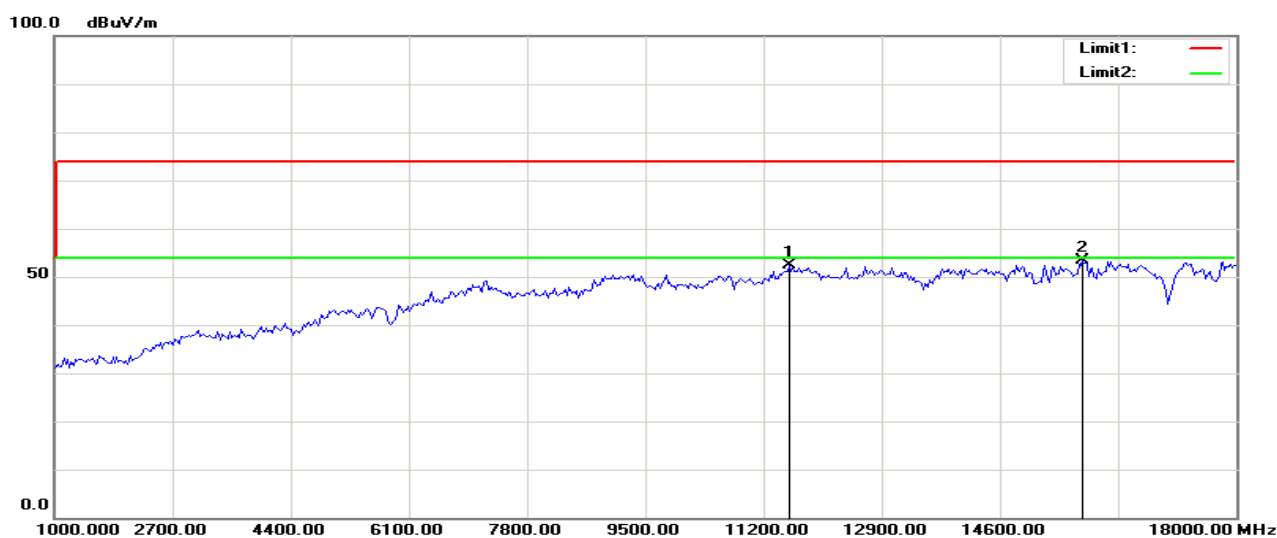


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11516.026	40.71	11.32	52.03	74.00	-21.97	200	0	peak
2	16283.654	39.06	14.40	53.46	74.00	-20.54	200	360	peak

Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal

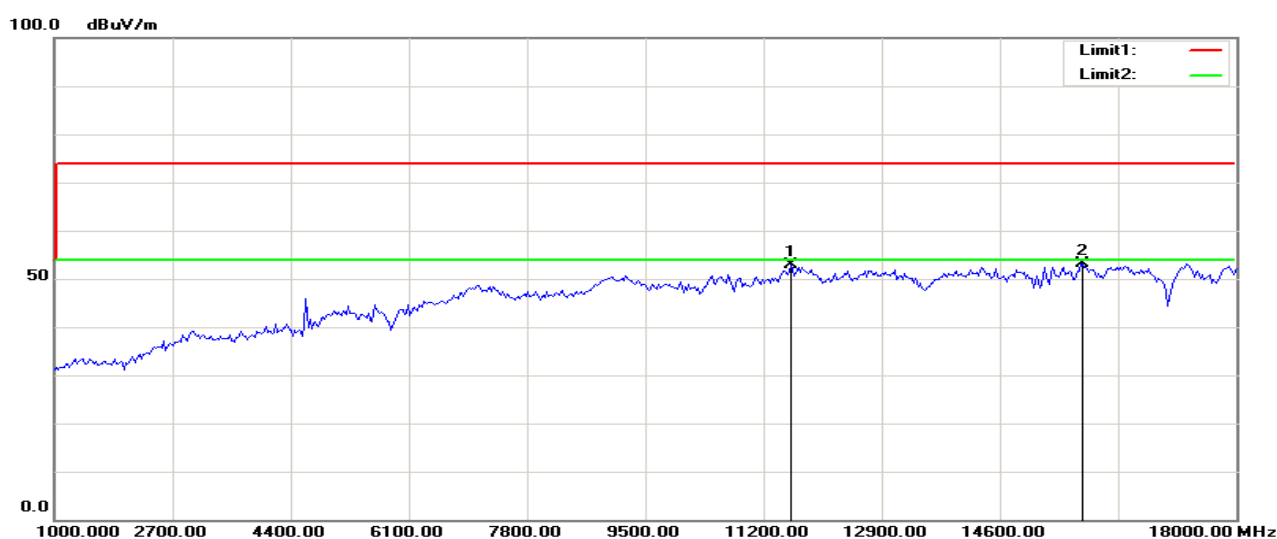
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15820.513	39.11	14.11	53.22	74.00	-20.78	200	51	peak
2	17918.269	35.28	18.04	53.32	74.00	-20.68	200	106	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11570.513	40.90	11.41	52.31	74.00	-21.69	200	0	peak
2	15793.269	39.40	14.08	53.48	74.00	-20.52	200	84	peak

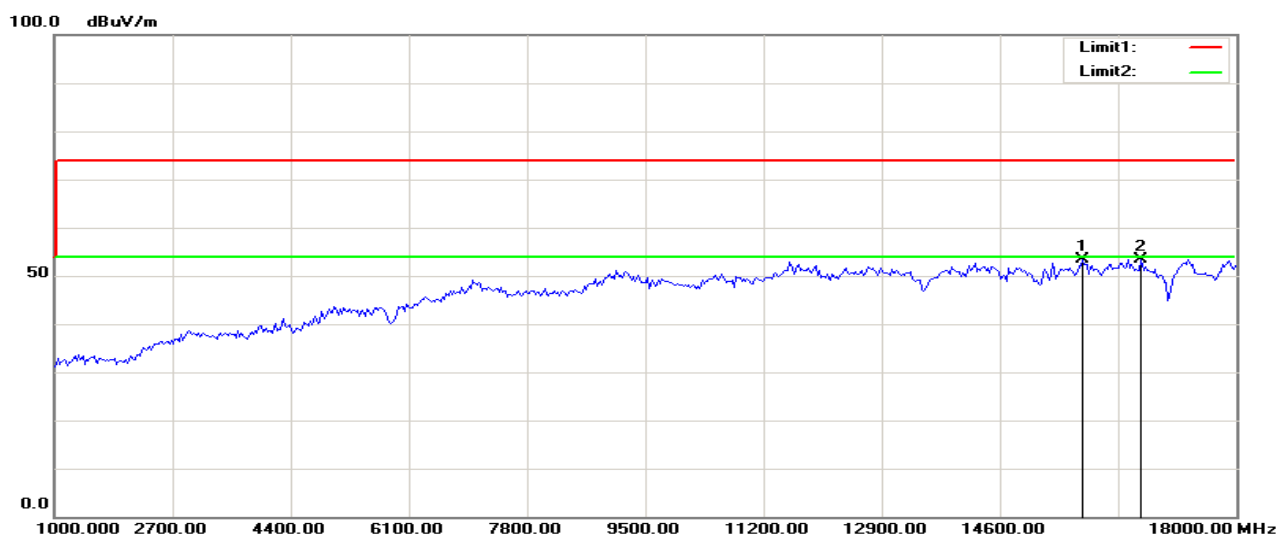
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH Mid	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11597.756	41.46	11.46	52.92	74.00	-21.08	200	0	peak
2	15793.269	39.13	14.08	53.21	74.00	-20.79	200	168	peak

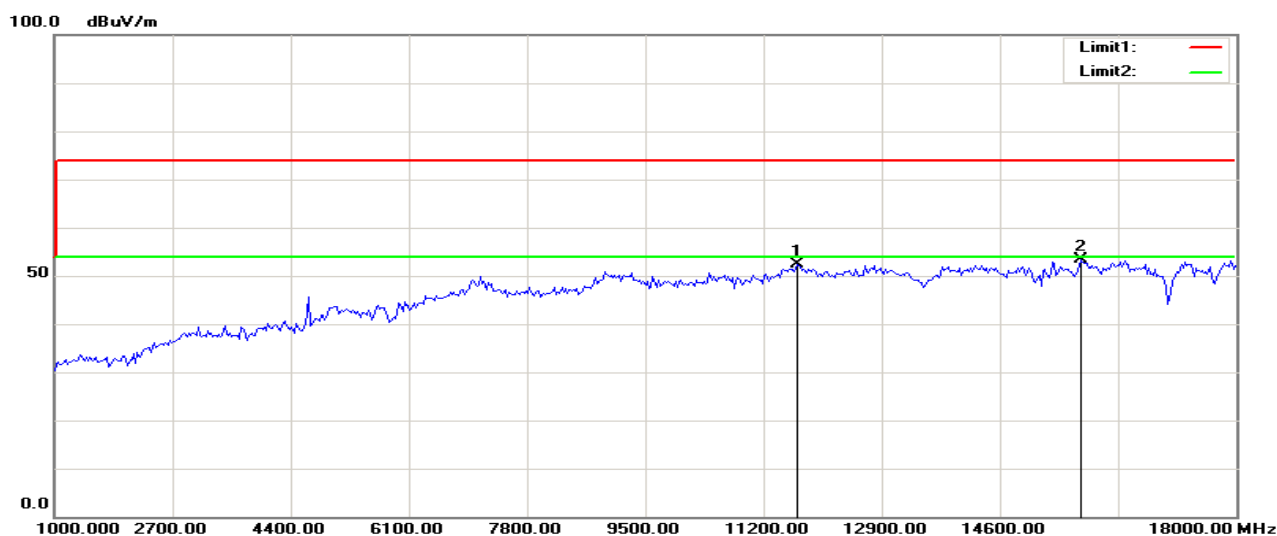
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15793.269	39.40	14.08	53.48	74.00	-20.52	200	0	peak
2	16637.821	38.69	14.79	53.48	74.00	-20.52	100	28	peak

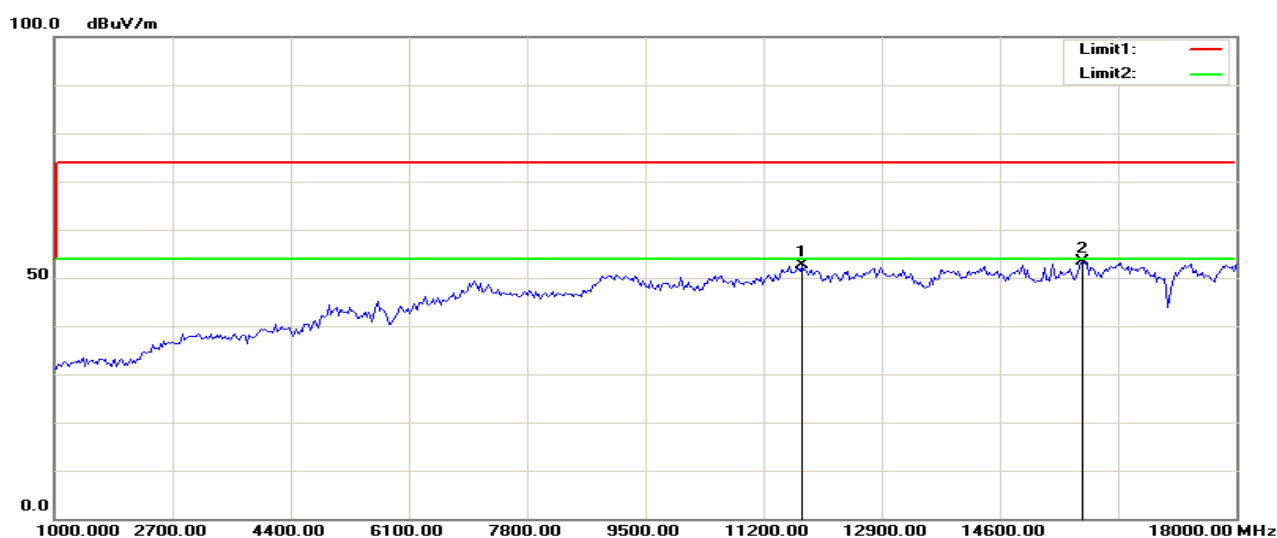
Operation Mode:	TX / IEEE 802.11n HT 20 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	40.89	11.60	52.49	74.00	-21.51	100	3	peak
2	15766.026	39.36	14.05	53.41	74.00	-20.59	200	193	peak

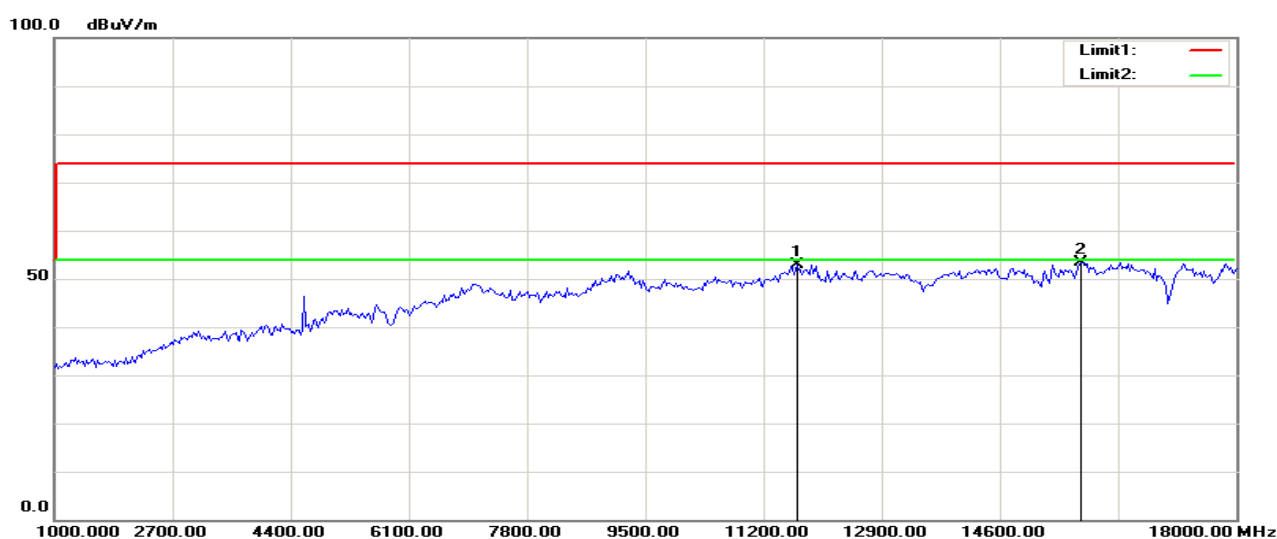
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11761.218	40.79	11.73	52.52	74.00	-21.48	200	3	peak
2	15793.269	39.36	14.08	53.44	74.00	-20.56	200	72	peak

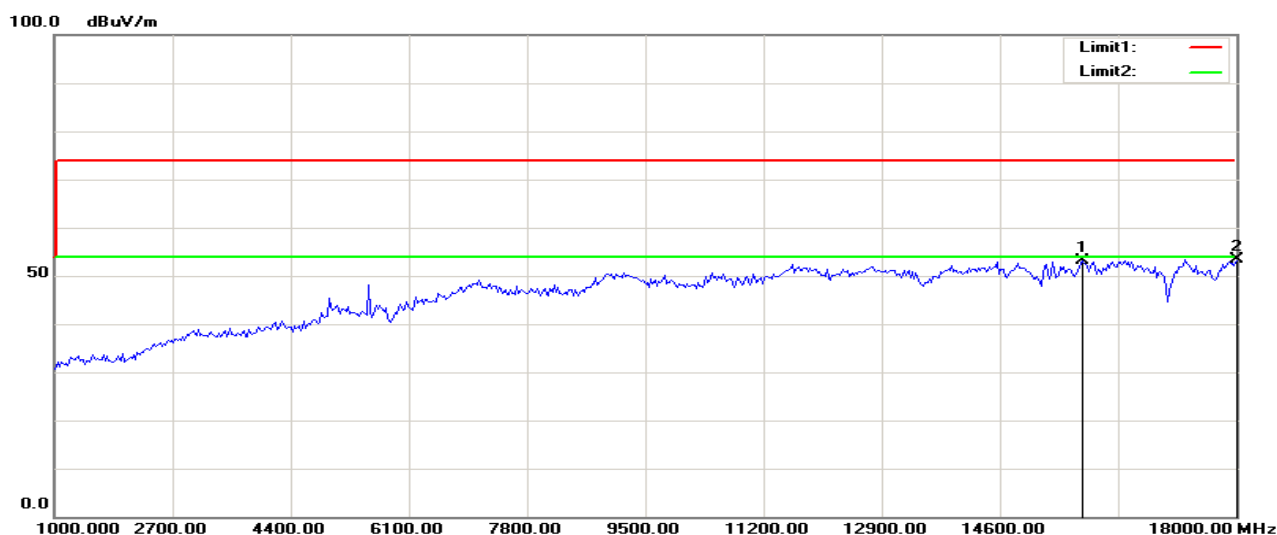
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH Low	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	11679.487	41.37	11.60	52.97	74.00	-21.03	200	146	peak
2	15766.026	39.36	14.05	53.41	74.00	-20.59	100	3	peak

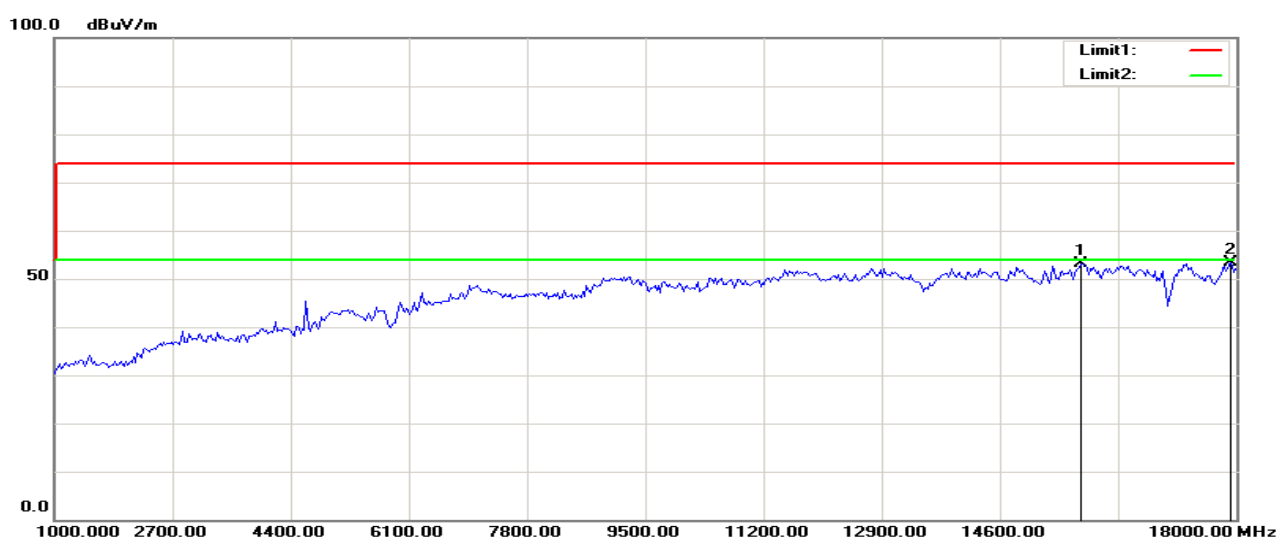
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15793.269	39.04	14.08	53.12	74.00	-20.88	100	39	peak
2	18000.000	35.30	18.13	53.43	74.00	-20.57	200	360	peak

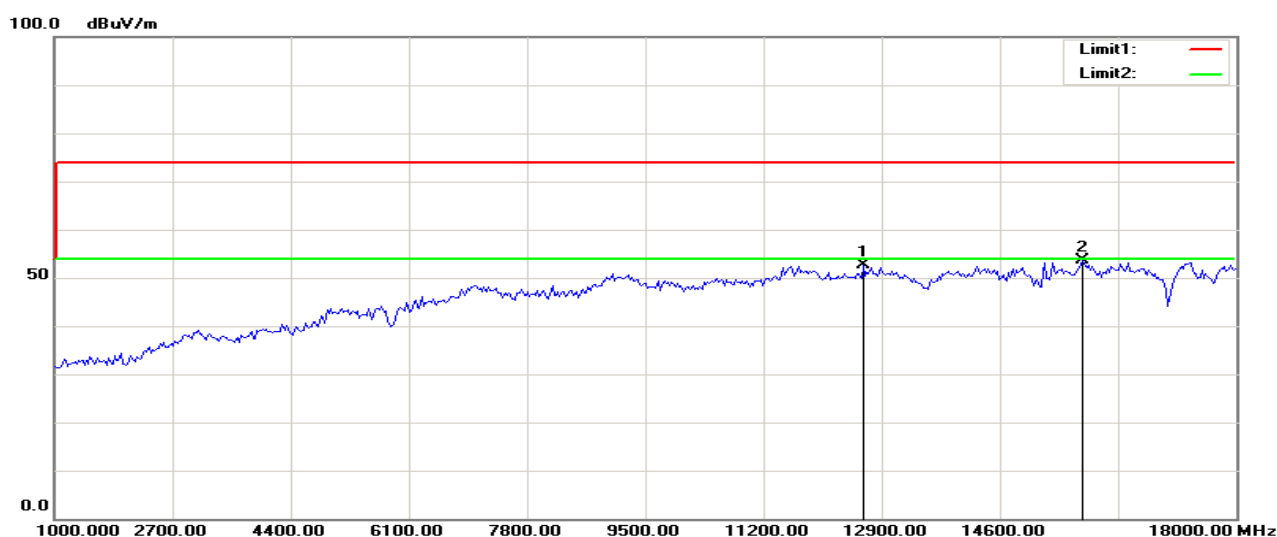
Operation Mode:	TX / IEEE 802.11n HT 40 MHz mode /CH High	Test Date:	2018-8-19
Temperature:	27°C	Tested by:	James.Yan
Humidity:	52% RH	Polarity:	Ver. / Hor.

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	15766.026	39.11	14.05	53.16	74.00	-20.84	100	209	peak
2	17918.269	35.23	18.04	53.27	74.00	-20.73	100	211	peak

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	12633.013	40.69	11.99	52.68	74.00	-21.32	200	307	peak
2	15793.269	39.58	14.08	53.66	74.00	-20.34	200	71	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 3 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).*

END OF REPORT