FCC PART 15.407

TEST REPORT

For

INGENICO

9 Avenue de la Gare-Rolvatain TGV, BP 25156, Valence Cedex 9, France

FCC ID: XKB-L2500CLWIBT

Report Type:	Product Name:
Original Report	Link/2500

Test Engineer:	*Kevin Hu*
Report Number:	RXM170217051D
Report Date:	2017-03-12
Reviewed By:	Henry Ding EMC Leader
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Chengdu) No.5040, Huilongwan Plaza, No.1, Shawan Road, Jinniu District, Chengdu, Sichuan, China Tel: 028-65523123, Fax: 028-65525125 www.baclcorp.com

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The ***INGENICO***'s product, model number: ***Link/2500 CL/WiFi/BT (FCC ID: XKB-L2500CLWIBT)*** (the "EUT") in this report was a ***Link/2500,*** which was measured approximately: 129 mm (L) x 70 mm (W) x 17 mm (H), rated input voltage: DC 3.7V from rechargeable Li-ion battery or DC 5V from adapter.

Adapter information:
MODEL: PSAI05R-050QL6
INPUT: 100-240V ~ 0.3A 50-60Hz 11-15VA
OUTPUT: DC 5V, 1.0A MAX.

**All measurement and test data in this report was gathered from final production sample, serial number: 170217051 (assigned by the BACL, Chengdu). It may have deviation from any other sample. The EUT supplied by the applicant was received on 2017-02-17, and EUT conformed to test requirement.*

Objective

This type approval report is prepared on behalf of ***INGENICO*** in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communications Commission's rules.

The tests were performed in order to determine compliance with FCC Rules Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Related Submittal(s)/Grant(s)

FCC Part 15C DTS submissions with FCC ID: XKB-L2500CLWIBT.
FCC Part 15C DSS submissions with FCC ID: XKB-L2500CLWIBT.
FCC Part 15C DXX submissions with FCC ID: XKB-L2500CLWIBT.

Test Methodology

All measurements detailed in this Test Report were performed in accordance with ANSI C63.10-2013 “American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices”.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Chengdu). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

The Bay Area Compliance Laboratories Corp. Chengdu’s measurement Uncertainties (calculated for a k=2 Coverage Factor corresponding to approximately 95% Coverage) were as follows:

-For all of the AC Line Conducted Emissions Tests reported herein: ±3.17 dB.
-For of all of the Direct Antenna Conducted Emissions Tests reported herein: ±0.56 dB.

-For of all of the direct Radiated Emissions Tests reported herein are:
30 MHz to 200 MHz: ±4.7 dB;
200 MHz to 1 GHz: ±6.0 dB;
1 GHz to 6 GHz: ±5.13dB; and,
6 GHz to 40 GHz: ±5.47dB.

And the uncertainty will not be taken into consideration for all test data recorded in the report.

Test Facility

The test site used by BACL to collect test data is located in the No.5040, Huilongwan Plaza, No.1, Shawan Road, Jinniu District, Chengdu, Sichuan, China.

Test site at BACL has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on April 24, 2015. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 560332. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §15.407 (f) & §1.1310 & §2.1093	RF Exposure	Compliance
§15.203	Antenna Requirement	Compliance
§15.407(b)(6)& §15.207(a)	Conducted Emissions	Compliance
§15.205& §15.209 &§15.407(b) (1),(6),(7)	Undesirable Emission& Restricted Bands	Compliance
&§15.407(b) (1),(6),(7)	Spurious Emission Antenna Ports	Compliance*
§15.407(a) (1) & §15.407(e)	26 dB Bandwidth & 6 dB Bandwidth	Compliance*
§15.407(a)(1),	Conducted Transmitter Output Power	Compliance*
§15.407 (a)(1),(5)	Power Spectral Density	Compliance*
§15.407(H)	Dynamic Frequency Selection	Compliance**

Note:
Compliance*: the device is same PCB Layout with Model: LINK/2500 CL/3G/WiFi/BT, FCC ID: XKB-L2500CL3GWIBT, the differences between the original devices is depressing WWAN (2G/3G) function and replacing SIM to SAM function. The test items for 5150-5250MHz and 5725-5850MHz bands, please refer to the Model:LINK/2500 CL/3G/WiFi/BT`s report: RXM160823052-00F, issued on 2016-09-27, test items for 5250-5350MHz and 5470-5725MHz bands, please refer to the Model:LINK/2500 CL/3G/WiFi/BT`s report: RXM161124051-A1, issued on 2017-02-15.
Compliance**: please refer to the DFS test report: RXM170217051-00.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode, which is provided by manufacture.

The system support 802.11a/n ht20/n ht40.

For 5150~5250 MHz band, 6 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240

For 802.11a, 802.11n ht20, Channel 36, 40 and 48 was tested, for 802.11n ht40, Channel 38, 46 were tested.

For 5250~5350 MHz band, 7 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320

For 802.11a, 802.11n ht20, Channel 52, 56 and 64 were tested, for 802.11n ht40, Channel 54, 62 were tested.

For 5470~5725 MHz band, 18 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	120	5600
102	5510	124	5620
104	5520	126	5630
108	5540	128	5640
110	5550	132	5660
112	5560	134	5670
116	5580	136	5680
118	5590	140	5700

For 802.11a, 802.11n ht20, Channel 100, 120 and 140 were tested, for 802.11n ht40, Channel 102, 118 and 134 were tested.

For 5725~5850MHz band, 8 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	159	5795
151	5755	161	5805
153	5765	165	5825
157	5785	/	/

For 802.11a, 802.11n ht20, Channel 149, 157 and 165 was tested, for 802.11n ht40, Channel 151, 159 was tested.

The worst-case data rates are determined to be as follows for each mode based upon investigations by measuring the average power and PSD across all data rates bandwidths, and modulations.

EUT Exercise Software

The “start 8782.bat” was used for testing, and the commands were provided by manufacturer. The worst condition (maximum power with 100% dutycycle) was setting by the software, please refer to the report: RXM160823052-00F, RXM161124051-A1 for the detail information of power setting and duty cycle.

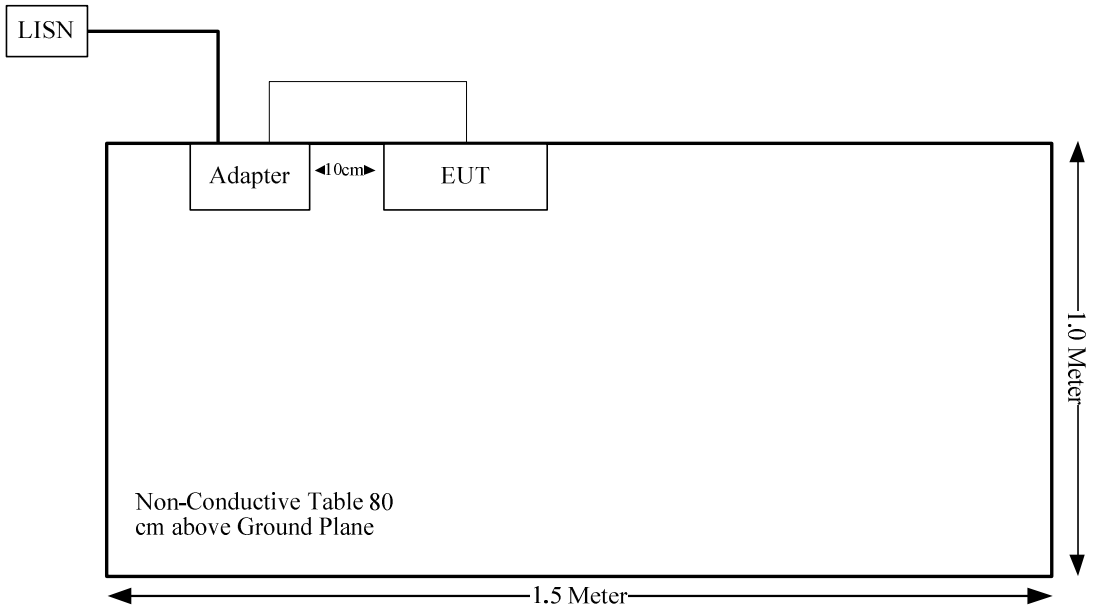
Equipment Modifications

No modification was made to the EUT.

Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	no	no	1.1	Adapter	EUT

Block Diagram of Test Setup



FCC §15.407 (f) & §1.1310 & §2.1093- RF EXPOSURE

Applicable Standard

According to subpart 15.407(f), §1.1310 and §2.1093.

Test Result

Compliant, please refer to the SAR report: RXM170217051-20A.

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
And according to FCC 47 CFR section 15.407 (a)(1),if transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has one internal antenna arrangement for WLAN, and the max antenna gain is 1dBi, fulfill the requirement of this section, please refer to the EUT photos.

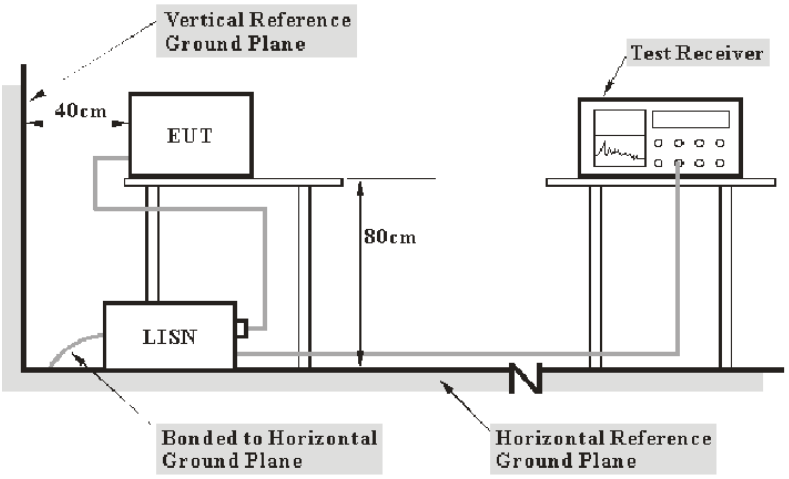
Result: Compliance.

FCC §15.407 (b) (6) §15.207 (a) – CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a), §15.407(b) (6)

EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter was connected to the Main LISN with AC 120V/60 Hz power source.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$V_C = V_R + A_C + VDF$
$C_f = A_C + VDF$

Herein,
V_C (cord. Reading): corrected voltage amplitude
V_R: reading voltage amplitude
A_c: attenuation caused by cable loss
VDF: voltage division factor of AMN
C_f: Correction Factor

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum limit. The equation for margin calculation is as follows:

Margin = Limit – Corrected Amplitude

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Rohde & Schwarz	EMI Test Receiver	ESCS 30	836858/0016	2016-12-02	2017-12-01
Rohde & Schwarz	L.I.S.N.	ENV216	100018	2016-12-02	2017-12-01
Rohde & Schwarz	PULSE LIMITER	ESH3Z2	DE14781	2016-10-31	2017-10-30
Unknown	Conducted Cable	Unknown	NO.5	2016-11-10	2017-11-09
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A

*** Statement of Traceability:** BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Procedure

During the conducted emission test, the adapter was connected to the first LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15.207.

Test Data

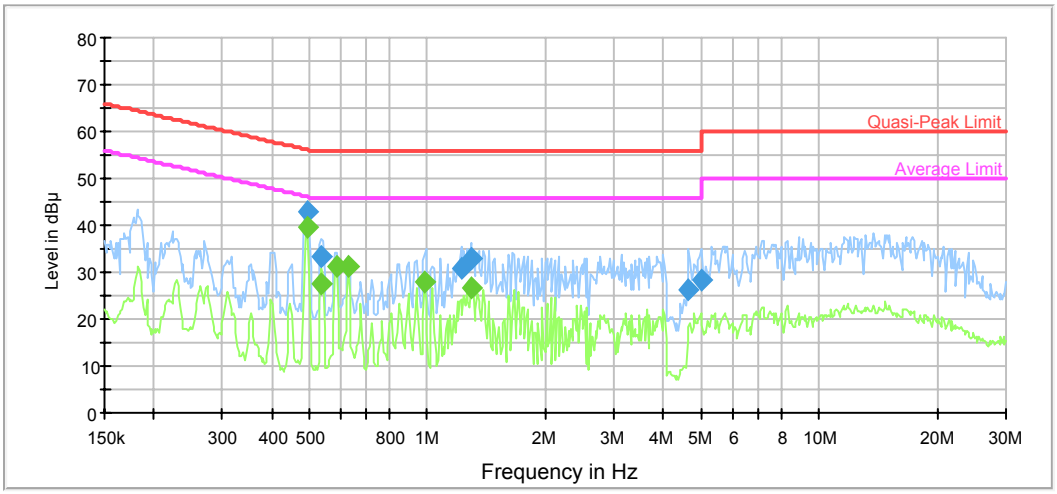
Environmental Conditions

Temperature:	25.4 °C
Relative Humidity:	50 %
ATM Pressure:	95.9 kPa

The testing was performed by Kevin Hu on 2017-03-06.

Test Mode: Transmitting

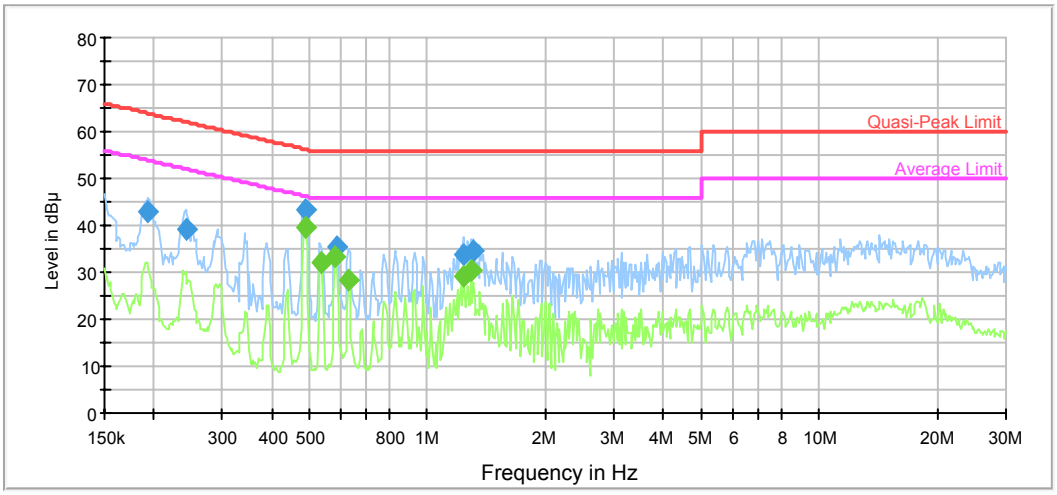
Line:



Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.491712	42.8	9.000	L1	19.7	13.3	56.1	Compliance
0.536756	33.3	9.000	L1	19.7	22.7	56.0	Compliance
1.219583	31.0	9.000	L1	19.7	25.0	56.0	Compliance
1.289541	32.8	9.000	L1	19.7	23.2	56.0	Compliance
4.651370	26.5	9.000	L1	19.7	29.5	56.0	Compliance
4.997188	28.5	9.000	L1	19.7	27.5	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.491712	39.7	9.000	L1	19.7	6.4	46.1	Compliance
0.536756	27.4	9.000	L1	19.7	18.6	46.0	Compliance
0.585926	31.4	9.000	L1	19.8	14.6	46.0	Compliance
0.629488	31.1	9.000	L1	19.7	14.9	46.0	Compliance
0.983506	27.9	9.000	L1	19.7	18.1	46.0	Compliance
1.289541	26.6	9.000	L1	19.7	19.4	46.0	Compliance

Neutral:



Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.193566	42.9	9.000	N	19.6	21.0	63.9	Compliance
0.241949	39.3	9.000	N	19.6	22.7	62.0	Compliance
0.487810	43.3	9.000	N	19.6	12.9	56.2	Compliance
0.585926	35.6	9.000	N	19.6	20.4	56.0	Compliance
1.239175	33.9	9.000	N	19.6	22.1	56.0	Compliance
1.310256	34.6	9.000	N	19.6	21.4	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.487810	39.8	9.000	N	19.6	6.4	46.2	Compliance
0.536756	32.0	9.000	N	19.6	14.0	46.0	Compliance
0.581275	33.3	9.000	N	19.6	12.7	46.0	Compliance
0.629488	28.3	9.000	N	19.6	17.7	46.0	Compliance
1.239175	29.4	9.000	N	19.6	16.6	46.0	Compliance
1.289541	30.3	9.000	N	19.6	15.7	46.0	Compliance

FCC §15.209, §15.205 & §15.407(b) (1) (6) (7) –UNWANTED EMISSION

Applicable Standard

FCC §15.407; §15.209; §15.205;

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(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 e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

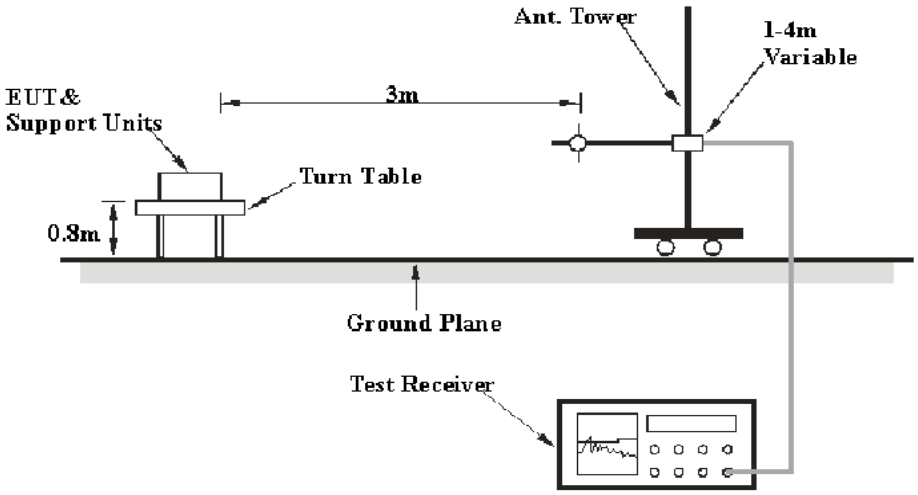
(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

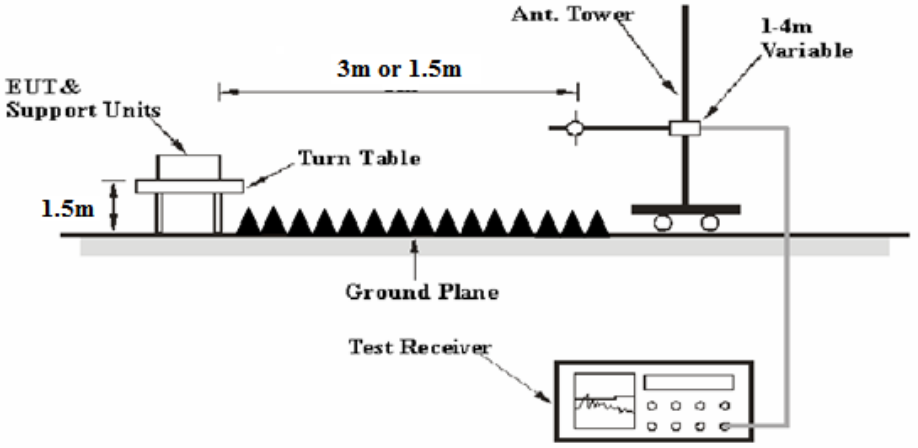
(7) The provisions of §15.205 apply to intentional radiators operating under this section.

EUT Setup

Below 1 GHz:



Above 1 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

30MHz-1000MHz:

Detector	RBW	Video B/W	IF B/W
QP	120 kHz	300 kHz	120kHz

1GHz- 40GHz:

Detector	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
Ave.	>98%	1MHz	10 Hz
	<98%	1MHz	1/T

Note: T is minimum transmission duration

Test Procedure

During the radiated emission test, the adapter was connected to the first AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1GHz, peak and Average detection modes for frequencies above 1GHz.

According to KDB 789033 D02 General UNII Test Procedures New Rules v01r03, emission shall be computed as: E [dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters.

According to C63.10-2013, the above 1G test result shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade from 3m to 1.5m
Distance extrapolation factor =20 log (specific distance [3m]/test distance [1.5m]) dB
Extrapolation result = Corrected Amplitude (dBμV/m) - distance extrapolation factor (6dB)

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Loss and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude = Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit –Extrapolation result

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Amplifier	8447D	2944A10442	2016-12-02	2017-12-01
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Sunol Sciences	Broadband Antenna	JB3	A121808	2016-04-10	2019-04-09
Rohde & Schwarz	Spectrum Analyzer	FSEM30	100018	2016-12-02	2017-12-01
ETS	Horn Antenna	3115	003-6076	2016-12-02	2017-12-01
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-0113024	2014-06-16	2017-06-15
Mini-circuits	Amplifier	ZVA-183-S+	771001215	2016-05-20	2017-05-19
HP	Amplifier	8449B	3008A00277	2016-12-02	2017-12-01
EMCT	Semi-Anechoic Chamber	966	966-1	2015-04-24	2018-04-23
Unknown	RF Cable (below 1GHz)	Unknown	NO.1	2016-11-10	2017-11-09
Unknown	RF Cable (below 1GHz)	Unknown	NO.4	2016-11-10	2017-11-09
Unknown	RF Cable (above 1GHz)	Unknown	NO.2	2016-11-10	2017-11-09
Ducommun Technolagies	Horn Antenna	ARH-2823-02	1007726-01 1312	2016-08-18	2017-08-18
Quinstar	Amplifier	QLW-18405536-JO	15964001032	2016-08-18	2017-08-18
Agilent	Spectrum Analyzer	8564E	5943A01752	2016-08-18	2017-08-18

*** Statement of Traceability:** BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B “Implementation of traceability policy in accredited laboratories”.

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Title 47, Part 15, Subpart C, Section 15.205, 15.209 and Subpart E, section 15.407.

Test Data

Environmental Conditions

Temperature:	21.3 °C
Relative Humidity:	35 %
ATM Pressure:	96.5 kPa

The testing was performed by Kevin Hu on 2017-03-03.

Result: Compliance.

Note 1: For above 1GHz, the test distance is 1.5m.
Note 2: the emission compliance 15.209 general requirements,or compliance the outside band emission limits in the un-restricted bands.

Please refer to the following tables

30MHz-40GHz:

5150-5250MHz Band:
802.11a Mode

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5180 MHz										
5180	68.99	PK	H	31.72	5.21	0.00	105.92	99.92	N/A	N/A
5180	60.57	AV	H	31.72	5.21	0.00	97.50	91.50	N/A	N/A
5180	62.91	PK	V	31.72	5.21	0.00	99.84	93.84	N/A	N/A
5180	53.66	AV	V	31.72	5.21	0.00	90.59	84.59	N/A	N/A
5150	25.98	PK	H	31.67	5.18	0.00	62.83	56.83	74.00	17.17
5150	14.79	AV	H	31.67	5.18	0.00	51.64	45.64	54.00	8.36
10360	36.33	PK	H	37.37	7.76	26.37	55.09	49.09	74.00	24.91
10360	27.58	AV	H	37.37	7.76	26.37	46.34	40.34	54.00	13.66
15540	37.17	PK	H	39.41	10.22	25.32	61.48	55.48	74.00	18.52
15540	28.54	AV	H	39.41	10.22	25.32	52.85	46.85	54.00	7.15
2103	36.24	PK	H	24.55	3.04	26.83	37.00	31.00	74.00	43.00
2103	25.6	AV	H	24.55	3.04	26.83	26.36	20.36	54.00	33.64
4537	33.88	PK	H	29.92	5.25	26.85	42.20	36.20	74.00	37.80
4537	22.39	AV	H	29.92	5.25	26.85	30.71	24.71	54.00	29.29
95.96	55.99	QP	H	9.59	0.53	28.33	37.78	37.78	43.50	5.72
146.4	42.73	QP	H	12.89	0.73	28.09	28.26	28.26	43.50	15.24
Middle Channel:5200 MHz										
5200	69.43	PK	H	31.76	5.23	0.00	106.42	100.42	N/A	N/A
5200	60.91	AV	H	31.76	5.23	0.00	97.90	91.90	N/A	N/A
5200	63.25	PK	V	31.76	5.23	0.00	100.24	94.24	N/A	N/A
5200	53.59	AV	V	31.76	5.23	0.00	90.58	84.58	N/A	N/A
10400	36.73	PK	H	37.38	7.79	26.36	55.54	49.54	74.00	24.46
10400	27.34	AV	H	37.38	7.79	26.36	46.15	40.15	54.00	13.85
15600	36.67	PK	H	39.42	10.22	25.31	61.00	55.00	74.00	19.00
15600	28.96	AV	H	39.42	10.22	25.31	53.29	47.29	54.00	6.71
2157	36.61	PK	H	24.37	3.03	26.84	37.17	31.17	74.00	42.83
2157	25.02	AV	H	24.37	3.03	26.84	25.58	19.58	54.00	34.42
4582	34.03	PK	H	30.06	5.23	26.85	42.47	36.47	74.00	37.53
4582	22.85	AV	H	30.06	5.23	26.85	31.29	25.29	54.00	28.71
95.96	55.87	QP	H	9.59	0.53	28.33	37.66	37.66	43.50	5.84
146.4	42.68	QP	H	12.89	0.73	28.09	28.21	28.21	43.50	15.29
High Channel:5240 MHz										
5240	68.63	PK	H	31.83	5.27	0.00	105.73	99.73	N/A	N/A
5240	60.4	AV	H	31.83	5.27	0.00	97.50	91.50	N/A	N/A
5240	62.35	PK	V	31.83	5.27	0.00	99.45	93.45	N/A	N/A
5240	53.49	AV	V	31.83	5.27	0.00	90.59	84.59	N/A	N/A
5350	25.64	PK	H	32.03	5.37	0.00	63.04	57.04	74.00	16.96
5350	13.9	AV	H	32.03	5.37	0.00	51.30	45.30	54.00	8.70
10480	35.77	PK	H	37.40	7.84	26.35	54.66	48.66	74.00	25.34
10480	26.86	AV	H	37.40	7.84	26.35	45.75	39.75	54.00	14.25
15720	36.09	PK	H	39.44	10.24	25.30	60.47	54.47	74.00	19.53
15720	27.37	AV	H	39.44	10.24	25.30	51.75	45.75	54.00	8.25
2206	36.75	PK	H	24.20	3.03	26.85	37.13	31.13	74.00	42.87
2206	25.38	AV	H	24.20	3.03	26.85	25.76	19.76	54.00	34.24
4629	33.67	PK	H	30.21	5.21	26.86	42.23	36.23	74.00	37.77
4629	22.83	AV	H	30.21	5.21	26.86	31.39	25.39	54.00	28.61
95.96	56.01	QP	H	9.59	0.53	28.33	37.80	37.80	43.50	5.70
146.4	42.91	QP	H	12.89	0.73	28.09	28.44	28.44	43.50	15.06

802.11n ht20 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5180 MHz										
5180	68.07	PK	H	31.72	5.21	0.00	105.00	99.00	N/A	N/A
5180	59.14	AV	H	31.72	5.21	0.00	96.07	90.07	N/A	N/A
5180	62.31	PK	V	31.72	5.21	0.00	99.24	93.24	N/A	N/A
5180	53.58	AV	V	31.72	5.21	0.00	90.51	84.51	N/A	N/A
5150	26.83	PK	H	31.67	5.18	0.00	63.68	57.68	74.00	16.32
5150	15.07	AV	H	31.67	5.18	0.00	51.92	45.92	54.00	8.08
10360	35.86	PK	H	37.37	7.76	26.37	54.62	48.62	74.00	25.38
10360	27.11	AV	H	37.37	7.76	26.37	45.87	39.87	54.00	14.13
15540	36.8	PK	H	39.41	10.22	25.32	61.11	55.11	74.00	18.89
15540	28.2	AV	H	39.41	10.22	25.32	52.51	46.51	54.00	7.49
2103	36.5	PK	H	24.55	3.04	26.83	37.26	31.26	74.00	42.74
2103	25.53	AV	H	24.55	3.04	26.83	26.29	20.29	54.00	33.71
4537	33.66	PK	H	29.92	5.25	26.85	41.98	35.98	74.00	38.02
4537	22.48	AV	H	29.92	5.25	26.85	30.80	24.80	54.00	29.20
95.96	56.4	QP	H	9.59	0.53	28.33	38.19	38.19	43.50	5.31
146.4	42.99	QP	H	12.89	0.73	28.09	28.52	28.52	43.50	14.98
Middle Channel:5200 MHz										
5200	68.89	PK	H	31.76	5.23	0.00	105.88	99.88	N/A	N/A
5200	59.77	AV	H	31.76	5.23	0.00	96.76	90.76	N/A	N/A
5200	62.62	PK	V	31.76	5.23	0.00	99.61	93.61	N/A	N/A
5200	54.18	AV	V	31.76	5.23	0.00	91.17	85.17	N/A	N/A
10400	36.31	PK	H	37.38	7.79	26.36	55.12	49.12	74.00	24.88
10400	26.88	AV	H	37.38	7.79	26.36	45.69	39.69	54.00	14.31
15600	36.35	PK	H	39.42	10.22	25.31	60.68	54.68	74.00	19.32
15600	28.62	AV	H	39.42	10.22	25.31	52.95	46.95	54.00	7.05
2157	36.89	PK	H	24.37	3.03	26.84	37.45	31.45	74.00	42.55
2157	24.83	AV	H	24.37	3.03	26.84	25.39	19.39	54.00	34.61
4582	34.23	PK	H	30.06	5.23	26.85	42.67	36.67	74.00	37.33
4582	22.73	AV	H	30.06	5.23	26.85	31.17	25.17	54.00	28.83
95.96	56.24	QP	H	9.59	0.53	28.33	38.03	38.03	43.50	5.47
146.4	42.79	QP	H	12.89	0.73	28.09	28.32	28.32	43.50	15.18
High Channel:5240 MHz										
5240	67.86	PK	H	31.83	5.27	0.00	104.96	98.96	N/A	N/A
5240	58.89	AV	H	31.83	5.27	0.00	95.99	89.99	N/A	N/A
5240	62.4	PK	V	31.83	5.27	0.00	99.50	93.50	N/A	N/A
5240	53.33	AV	V	31.83	5.27	0.00	90.43	84.43	N/A	N/A
5350	26.52	PK	H	32.03	5.37	0.00	63.92	57.92	74.00	16.08
5350	14.49	AV	H	32.03	5.37	0.00	51.89	45.89	54.00	8.11
10480	35.36	PK	H	37.40	7.84	26.35	54.25	48.25	74.00	25.75
10480	26.44	AV	H	37.40	7.84	26.35	45.33	39.33	54.00	14.67
15720	35.72	PK	H	39.44	10.24	25.30	60.10	54.10	74.00	19.90
15720	26.99	AV	H	39.44	10.24	25.30	51.37	45.37	54.00	8.63
2206	36.9	PK	H	24.20	3.03	26.85	37.28	31.28	74.00	42.72
2206	25.38	AV	H	24.20	3.03	26.85	25.76	19.76	54.00	34.24
4629	33.52	PK	H	30.21	5.21	26.86	42.08	36.08	74.00	37.92
4629	22.76	AV	H	30.21	5.21	26.86	31.32	25.32	54.00	28.68
95.96	56.35	QP	H	9.59	0.53	28.33	38.14	38.14	43.50	5.36
146.4	42.71	QP	H	12.89	0.73	28.09	28.24	28.24	43.50	15.26

802.11n ht40 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5190 MHz										
5190	66.31	PK	H	31.74	5.22	0.00	103.27	97.27	N/A	N/A
5190	57.43	AV	H	31.74	5.22	0.00	94.39	88.39	N/A	N/A
5190	61.57	PK	V	31.74	5.22	0.00	98.53	92.53	N/A	N/A
5190	52.72	AV	V	31.74	5.22	0.00	89.68	83.68	N/A	N/A
5150	25.93	PK	H	31.67	5.18	0.00	62.78	56.78	74.00	17.22
5150	14.19	AV	H	31.67	5.18	0.00	51.04	45.04	54.00	8.96
10380	34.42	PK	H	37.38	7.78	26.37	53.21	47.21	74.00	26.79
10380	24.64	AV	H	37.38	7.78	26.37	43.43	37.43	54.00	16.57
15570	35.49	PK	H	39.41	10.22	25.31	59.81	53.81	74.00	20.19
15570	25.84	AV	H	39.41	10.22	25.31	50.16	44.16	54.00	9.84
2103	36.44	PK	H	24.55	3.04	26.83	37.20	31.20	74.00	42.80
2103	25.3	AV	H	24.55	3.04	26.83	26.06	20.06	54.00	33.94
4537	33.69	PK	H	29.92	5.25	26.85	42.01	36.01	74.00	37.99
4537	22.4	AV	H	29.92	5.25	26.85	30.72	24.72	54.00	29.28
95.96	56.06	QP	H	9.59	0.53	28.33	37.85	37.85	43.50	5.65
146.4	42.88	QP	H	12.89	0.73	28.09	28.41	28.41	43.50	15.09
High Channel:5230 MHz										
5230	65.99	PK	H	31.81	5.26	0.00	103.06	97.06	N/A	N/A
5230	57.08	AV	H	31.81	5.26	0.00	94.15	88.15	N/A	N/A
5230	60.9	PK	V	31.81	5.26	0.00	97.97	91.97	N/A	N/A
5230	52.24	AV	V	31.81	5.26	0.00	89.31	83.31	N/A	N/A
5350	26.26	PK	H	32.03	5.37	0.00	63.66	57.66	74.00	16.34
5350	14.44	AV	H	32.03	5.37	0.00	51.84	45.84	54.00	8.16
10460	33.93	PK	H	37.39	7.83	26.36	52.79	46.79	74.00	27.21
10460	24.03	AV	H	37.39	7.83	26.36	42.89	36.89	54.00	17.11
15690	34.38	PK	H	39.44	10.24	25.30	58.76	52.76	74.00	21.24
15690	24.67	AV	H	39.44	10.24	25.30	49.05	43.05	54.00	10.95
2206	36.9	PK	H	24.20	3.03	26.85	37.28	31.28	74.00	42.72
2206	25.68	AV	H	24.20	3.03	26.85	26.06	20.06	54.00	33.94
4629	33.52	PK	H	30.21	5.21	26.86	42.08	36.08	74.00	37.92
4629	22.71	AV	H	30.21	5.21	26.86	31.27	25.27	54.00	28.73
95.96	56.22	QP	H	9.59	0.53	28.33	38.01	38.01	43.50	5.49
146.4	42.9	QP	H	12.89	0.73	28.09	28.43	28.43	43.50	15.07

5250-5350MHz Band:
802.11a Mode

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5260 MHz										
5260	72.47	PK	H	31.87	5.28	0.00	109.62	103.62	N/A	N/A
5260	52.6	AV	H	31.87	5.28	0.00	89.75	83.75	N/A	N/A
5260	66.35	PK	V	31.87	5.28	0.00	103.50	97.50	N/A	N/A
5260	58.24	AV	V	31.87	5.28	0.00	95.39	89.39	N/A	N/A
5150	26.09	PK	H	31.67	5.18	0.00	62.94	56.94	74.00	17.06
5150	13.43	AV	H	31.67	5.18	0.00	50.28	44.28	54.00	9.72
10520	35.15	PK	H	37.41	7.86	26.34	54.08	48.08	74.00	25.92
10520	25.96	AV	H	37.41	7.86	26.34	44.89	38.89	54.00	15.11
15780	34.5	PK	H	39.46	10.25	25.30	58.91	52.91	74.00	21.09
15780	27.12	AV	H	39.46	10.25	25.30	51.53	45.53	54.00	8.47
1546	34.71	PK	H	24.17	2.70	26.38	35.20	29.20	74.00	44.80
1546	23.13	AV	H	24.17	2.70	26.38	23.62	17.62	54.00	36.38
4118	34.32	PK	H	29.19	5.00	26.62	41.89	35.89	74.00	38.11
4118	22.84	AV	H	29.19	5.00	26.62	30.41	24.41	54.00	29.59
95.96	55.91	QP	H	9.59	0.53	28.33	37.70	37.70	43.50	5.80
146.4	42.78	QP	H	12.89	0.73	28.09	28.31	28.31	43.50	15.19
Middle Channel:5280 MHz										
5280	67.27	PK	H	31.90	5.30	0.00	104.47	98.47	N/A	N/A
5280	58.9	AV	H	31.90	5.30	0.00	96.10	90.10	N/A	N/A
5280	61.46	PK	V	31.90	5.30	0.00	98.66	92.66	N/A	N/A
5280	52.24	AV	V	31.90	5.30	0.00	89.44	83.44	N/A	N/A
10560	34.65	PK	H	37.42	7.89	26.32	53.64	47.64	74.00	26.36
10560	25.65	AV	H	37.42	7.89	26.32	44.64	38.64	54.00	15.36
15840	34.24	PK	H	39.47	10.26	25.29	58.68	52.68	74.00	21.32
15840	26.76	AV	H	39.47	10.26	25.29	51.20	45.20	54.00	8.80
1589	34.8	PK	H	24.24	2.74	26.42	35.36	29.36	74.00	44.64
1589	23.17	AV	H	24.24	2.74	26.42	23.73	17.73	54.00	36.27
4165	34.23	PK	H	29.26	5.04	26.65	41.88	35.88	74.00	38.12
4165	22.5	AV	H	29.26	5.04	26.65	30.15	24.15	54.00	29.85
95.96	56.27	QP	H	9.59	0.53	28.33	38.06	38.06	43.50	5.44
146.4	42.85	QP	H	12.89	0.73	28.09	28.38	28.38	43.50	15.12
High Channel:5320 MHz										
5320	64.98	PK	H	31.98	5.34	0.00	102.30	96.30	N/A	N/A
5320	56.39	AV	H	31.98	5.34	0.00	93.71	87.71	N/A	N/A
5320	58.72	PK	V	31.98	5.34	0.00	96.04	90.04	N/A	N/A
5320	50.38	AV	V	31.98	5.34	0.00	87.70	81.70	N/A	N/A
5350	28.14	PK	H	32.03	5.37	0.00	65.54	59.54	74.00	14.46
5350	15.11	AV	H	32.03	5.37	0.00	52.51	46.51	54.00	7.49
10640	34.25	PK	H	37.46	7.95	26.27	53.39	47.39	74.00	26.61
10640	25.69	AV	H	37.46	7.95	26.27	44.83	38.83	54.00	15.17
15960	34.62	PK	H	39.49	10.27	25.28	59.10	53.10	74.00	20.90
15960	26.26	AV	H	39.49	10.27	25.28	50.74	44.74	54.00	9.26
1637	34.67	PK	H	24.32	2.77	26.46	35.30	29.30	74.00	44.70
1637	22.81	AV	H	24.32	2.77	26.46	23.44	17.44	54.00	36.56
4213	34.24	PK	H	29.34	5.07	26.68	41.97	35.97	74.00	38.03
4213	22.92	AV	H	29.34	5.07	26.68	30.65	24.65	54.00	29.35
95.96	56.11	QP	H	9.59	0.53	28.33	37.90	37.90	43.50	5.60
146.4	42.55	QP	H	12.89	0.73	28.09	28.08	28.08	43.50	15.42

802.11n ht20 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5260 MHz										
5260	72.36	PK	H	31.87	5.28	0.00	109.51	103.51	N/A	N/A
5260	52.98	AV	H	31.87	5.28	0.00	90.13	84.13	N/A	N/A
5260	66.52	PK	V	31.87	5.28	0.00	103.67	97.67	N/A	N/A
5260	57.84	AV	V	31.87	5.28	0.00	94.99	88.99	N/A	N/A
5150	26.48	PK	H	31.67	5.18	0.00	63.33	57.33	74.00	16.67
5150	13.66	AV	H	31.67	5.18	0.00	50.51	44.51	54.00	9.49
10520	34.77	PK	H	37.41	7.86	26.34	53.70	47.70	74.00	26.30
10520	25.61	AV	H	37.41	7.86	26.34	44.54	38.54	54.00	15.46
15780	34.27	PK	H	39.46	10.25	25.30	58.68	52.68	74.00	21.32
15780	26.91	AV	H	39.46	10.25	25.30	51.32	45.32	54.00	8.68
1546	34.62	PK	H	24.17	2.70	26.38	35.11	29.11	74.00	44.89
1546	22.94	AV	H	24.17	2.70	26.38	23.43	17.43	54.00	36.57
4118	34.47	PK	H	29.19	5.00	26.62	42.04	36.04	74.00	37.96
4118	22.92	AV	H	29.19	5.00	26.62	30.49	24.49	54.00	29.51
95.96	56.37	QP	H	9.59	0.53	28.33	38.16	38.16	43.50	5.34
146.4	43.08	QP	H	12.89	0.73	28.09	28.61	28.61	43.50	14.89
Middle Channel:5280 MHz										
5280	67.58	PK	H	31.90	5.30	0.00	104.78	98.78	N/A	N/A
5280	58.8	AV	H	31.90	5.30	0.00	96.00	90.00	N/A	N/A
5280	61.38	PK	V	31.90	5.30	0.00	98.58	92.58	N/A	N/A
5280	53.06	AV	V	31.90	5.30	0.00	90.26	84.26	N/A	N/A
10560	34.31	PK	H	37.42	7.89	26.32	53.30	47.30	74.00	26.70
10560	25.3	AV	H	37.42	7.89	26.32	44.29	38.29	54.00	15.71
15840	34.03	PK	H	39.47	10.26	25.29	58.47	52.47	74.00	21.53
15840	26.52	AV	H	39.47	10.26	25.29	50.96	44.96	54.00	9.04
1589	34.91	PK	H	24.24	2.74	26.42	35.47	29.47	74.00	44.53
1589	23.3	AV	H	24.24	2.74	26.42	23.86	17.86	54.00	36.14
4165	34.43	PK	H	29.26	5.04	26.65	42.08	36.08	74.00	37.92
4165	22.57	AV	H	29.26	5.04	26.65	30.22	24.22	54.00	29.78
95.96	56.24	QP	H	9.59	0.53	28.33	38.03	38.03	43.50	5.47
146.4	42.94	QP	H	12.89	0.73	28.09	28.47	28.47	43.50	15.03
High Channel:5320 MHz										
5320	64.41	PK	H	31.98	5.34	0.00	101.73	95.73	N/A	N/A
5320	55.98	AV	H	31.98	5.34	0.00	93.30	87.30	N/A	N/A
5320	58.55	PK	V	31.98	5.34	0.00	95.87	89.87	N/A	N/A
5320	50.03	AV	V	31.98	5.34	0.00	87.35	81.35	N/A	N/A
5350	27.8	PK	H	32.03	5.37	0.00	65.20	59.20	74.00	14.80
5350	14.99	AV	H	32.03	5.37	0.00	52.39	46.39	54.00	7.61
10640	33.88	PK	H	37.46	7.95	26.27	53.02	47.02	74.00	26.98
10640	25.38	AV	H	37.46	7.95	26.27	44.52	38.52	54.00	15.48
15960	34.35	PK	H	39.49	10.27	25.28	58.83	52.83	74.00	21.17
15960	26.02	AV	H	39.49	10.27	25.28	50.50	44.50	54.00	9.50
1637	34.7	PK	H	24.32	2.77	26.46	35.33	29.33	74.00	44.67
1637	22.88	AV	H	24.32	2.77	26.46	23.51	17.51	54.00	36.49
4213	34.33	PK	H	29.34	5.07	26.68	42.06	36.06	74.00	37.94
4213	23	AV	H	29.34	5.07	26.68	30.73	24.73	54.00	29.27
95.96	56.27	QP	H	9.59	0.53	28.33	38.06	38.06	43.50	5.44
146.4	42.77	QP	H	12.89	0.73	28.09	28.30	28.30	43.50	15.20

802.11n ht40 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5270 MHz										
5270	67.06	PK	H	31.89	5.29	0.00	104.24	98.24	N/A	N/A
5270	58.2	AV	H	31.89	5.29	0.00	95.38	89.38	N/A	N/A
5270	60.73	PK	V	31.89	5.29	0.00	97.91	91.91	N/A	N/A
5270	52.45	AV	V	31.89	5.29	0.00	89.63	83.63	N/A	N/A
5150	25.88	PK	H	31.67	5.18	0.00	62.73	56.73	74.00	17.27
5150	13.65	AV	H	31.67	5.18	0.00	50.50	44.50	54.00	9.50
10540	34.42	PK	H	37.42	7.88	26.33	53.39	47.39	74.00	26.61
10540	25.25	AV	H	37.42	7.88	26.33	44.22	38.22	54.00	15.78
15810	34	PK	H	39.46	10.25	25.30	58.41	52.41	74.00	21.59
15810	26.69	AV	H	39.46	10.25	25.30	51.10	45.10	54.00	8.90
1546	34.64	PK	H	24.17	2.70	26.38	35.13	29.13	74.00	44.87
1546	23.27	AV	H	24.17	2.70	26.38	23.76	17.76	54.00	36.24
4118	34.13	PK	H	29.19	5.00	26.62	41.70	35.70	74.00	38.30
4118	22.78	AV	H	29.19	5.00	26.62	30.35	24.35	54.00	29.65
95.96	56.46	QP	H	9.59	0.53	28.33	38.25	38.25	43.50	5.25
146.4	42.75	QP	H	12.89	0.73	28.09	28.28	28.28	43.50	15.22
High Channel:5310 MHz										
5310	64.26	PK	H	31.96	5.33	0.00	101.55	95.55	N/A	N/A
5310	55.52	AV	H	31.96	5.33	0.00	92.81	86.81	N/A	N/A
5310	58.13	PK	V	31.96	5.33	0.00	95.42	89.42	N/A	N/A
5310	49.6	AV	V	31.96	5.33	0.00	86.89	80.89	N/A	N/A
5350	31.99	PK	H	32.03	5.37	0.00	69.39	63.39	74.00	10.61
5350	18.51	AV	H	32.03	5.37	0.00	55.91	49.91	54.00	4.09
10620	33.54	PK	H	37.45	7.93	26.28	52.64	46.64	74.00	27.36
10620	25.01	AV	H	37.45	7.93	26.28	44.11	38.11	54.00	15.89
15930	34.14	PK	H	39.49	10.27	25.29	58.61	52.61	74.00	21.39
15930	25.76	AV	H	39.49	10.27	25.29	50.23	44.23	54.00	9.77
1637	34.69	PK	H	24.32	2.77	26.46	35.32	29.32	74.00	44.68
1637	22.84	AV	H	24.32	2.77	26.46	23.47	17.47	54.00	36.53
4213	34.3	PK	H	29.34	5.07	26.68	42.03	36.03	74.00	37.97
4213	23	AV	H	29.34	5.07	26.68	30.73	24.73	54.00	29.27
95.96	56.52	QP	H	9.59	0.53	28.33	38.31	38.31	43.50	5.19
146.4	42.78	QP	H	12.89	0.73	28.09	28.31	28.31	43.50	15.19

5470-5725MHz Band:
802.11a Mode

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5500 MHz										
5500	68.36	PK	H	32.30	5.52	0.00	106.18	100.18	N/A	N/A
5500	59.99	AV	H	32.30	5.52	0.00	97.81	91.81	N/A	N/A
5500	64.61	PK	V	32.30	5.52	0.00	102.43	96.43	N/A	N/A
5500	55.93	AV	V	32.30	5.52	0.00	93.75	87.75	N/A	N/A
5470	26.33	PK	H	32.25	5.49	0.00	64.07	58.07	74.00	15.93
5470	14.28	AV	H	32.25	5.49	0.00	52.02	46.02	54.00	7.98
11000	34.34	PK	H	37.60	8.20	26.06	54.08	48.08	74.00	25.92
11000	25.63	AV	H	37.60	8.20	26.06	45.37	39.37	54.00	14.63
16500	35.09	PK	H	40.30	10.44	25.48	60.35	54.35	74.00	19.65
16500	26.21	AV	H	40.30	10.44	25.48	51.47	45.47	54.00	8.53
1434	35.72	PK	H	23.93	2.58	26.39	35.84	29.84	74.00	44.16
1434	25.31	AV	H	23.93	2.58	26.39	25.43	19.43	54.00	34.57
3276	38.64	PK	H	25.75	3.84	26.51	41.72	35.72	74.00	38.28
3276	27.97	AV	H	25.75	3.84	26.51	31.05	25.05	54.00	28.95
95.96	56.12	QP	H	9.59	0.53	28.33	37.91	37.91	40.00	2.09
146.4	43.19	QP	H	12.89	0.73	28.09	28.72	28.72	46.00	17.28
Middle Channel:5600 MHz										
5600	68.29	PK	H	32.42	5.61	0.00	106.32	100.32	N/A	N/A
5600	60.07	AV	H	32.42	5.61	0.00	98.1	92.1	N/A	N/A
5600	64.91	PK	V	32.42	5.61	0.00	102.94	96.94	N/A	N/A
5600	56.44	AV	V	32.42	5.61	0.00	94.47	88.47	N/A	N/A
11200	34.99	PK	H	37.76	8.21	26.04	54.92	48.92	74	25.08
11200	25.54	AV	H	37.76	8.21	26.04	45.47	39.47	54	14.53
16800	36.86	PK	H	41.26	10.43	25.59	62.96	56.96	74	17.04
16800	27.28	AV	H	41.26	10.43	25.59	53.38	47.38	54	6.62
1487	35.31	PK	H	24.07	2.65	26.34	35.69	29.69	74	44.31
1487	25.22	AV	H	24.07	2.65	26.34	25.6	19.6	54	34.4
3305	38.17	PK	H	25.91	3.89	26.52	41.45	35.45	74	38.55
3305	27.83	AV	H	25.91	3.89	26.52	31.11	25.11	54	28.89
95.96	56.09	QP	H	9.59	0.53	28.33	37.88	37.88	40	2.12
146.4	42.92	QP	H	12.89	0.73	28.09	28.45	28.45	46	17.55
High Channel:5700 MHz										
5700	68.48	PK	H	32.54	5.70	0.00	106.72	100.72	N/A	N/A
5700	59.67	AV	H	32.54	5.70	0.00	97.91	91.91	N/A	N/A
5700	64.72	PK	V	32.54	5.70	0.00	102.96	96.96	N/A	N/A
5700	55.75	AV	V	32.54	5.70	0.00	93.99	87.99	N/A	N/A
5725	27.31	PK	H	32.57	5.72	0.00	65.60	59.60	74.00	14.4
5725	14.49	AV	H	32.57	5.72	0.00	52.78	46.78	54.00	7.22
11400	35.23	PK	H	37.92	8.22	26.03	55.34	49.34	74.00	24.66
11400	26.32	AV	H	37.92	8.22	26.03	46.43	40.43	54.00	13.57
17100	35.56	PK	H	42.36	10.60	25.80	62.72	56.72	74.00	17.28
17100	26.64	AV	H	42.36	10.60	25.80	53.80	47.80	54.00	6.20
1510	35.12	PK	H	24.12	2.68	26.34	35.58	29.58	74.00	44.42
1510	24.55	AV	H	24.12	2.68	26.34	25.01	19.01	54.00	34.99
3342	37.55	PK	H	26.12	3.94	26.53	41.08	35.08	74.00	38.92
3342	26.79	AV	H	26.12	3.94	26.53	30.32	24.32	54.00	29.68
95.96	56.18	QP	H	9.59	0.53	28.33	37.97	37.97	40.00	2.03
146.4	43.03	QP	H	12.89	0.73	28.09	28.56	28.56	46.00	17.44

802.11n ht20 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5500 MHz										
5500	67.78	PK	H	32.30	5.52	0.00	105.60	99.60	N/A	N/A
5500	59.54	AV	H	32.30	5.52	0.00	97.36	91.36	N/A	N/A
5500	64.49	PK	V	32.30	5.52	0.00	102.31	96.31	N/A	N/A
5500	56.21	AV	V	32.30	5.52	0.00	94.03	88.03	N/A	N/A
5470	25.64	PK	H	32.25	5.49	0.00	63.38	57.38	74.00	16.62
5470	14.06	AV	H	32.25	5.49	0.00	51.80	45.8	54.00	8.20
11000	33.96	PK	H	37.60	8.20	26.06	53.70	47.70	74.00	26.30
11000	25.32	AV	H	37.60	8.20	26.06	45.06	39.06	54.00	14.94
16500	34.84	PK	H	40.30	10.44	25.48	60.10	54.10	74.00	19.90
16500	26	AV	H	40.30	10.44	25.48	51.26	45.26	54.00	8.74
1434	35.73	PK	H	23.93	2.58	26.39	35.85	29.85	74.00	44.15
1434	25.41	AV	H	23.93	2.58	26.39	25.53	19.53	54.00	34.47
3276	38.42	PK	H	25.75	3.84	26.51	41.50	35.50	74.00	38.50
3276	27.81	AV	H	25.75	3.84	26.51	30.89	24.89	54.00	29.11
95.96	56.51	QP	H	9.59	0.53	28.33	38.30	38.30	40.00	1.70
146.4	43.17	QP	H	12.89	0.73	28.09	28.70	28.70	46.00	17.30
Middle Channel:5600 MHz										
5600	67.59	PK	H	32.42	5.61	0.00	105.62	99.62	N/A	N/A
5600	60.24	AV	H	32.42	5.61	0.00	98.27	92.27	N/A	N/A
5600	64.13	PK	V	32.42	5.61	0.00	102.16	96.16	N/A	N/A
5600	56.27	AV	V	32.42	5.61	0.00	94.3	88.30	N/A	N/A
11200	34.67	PK	H	37.76	8.21	26.04	54.6	48.60	74.00	25.40
11200	25.19	AV	H	37.76	8.21	26.04	45.12	39.12	54.00	14.88
16800	36.63	PK	H	41.26	10.43	25.59	62.73	56.73	74.00	17.27
16800	27.05	AV	H	41.26	10.43	25.59	53.15	47.15	54.00	6.85
1487	35.45	PK	H	24.07	2.65	26.34	35.83	29.83	74.00	44.17
1487	25.16	AV	H	24.07	2.65	26.34	25.54	19.54	54.00	34.46
3305	37.88	PK	H	25.91	3.89	26.52	41.16	35.16	74.00	38.84
3305	28.04	AV	H	25.91	3.89	26.52	31.32	25.32	54.00	28.68
95.96	56.03	QP	H	9.59	0.53	28.33	37.82	37.82	40.00	2.18
146.4	42.73	QP	H	12.89	0.73	28.09	28.26	28.26	46.00	17.74
High Channel:5700 MHz										
5700	66.99	PK	H	32.54	5.70	0.00	105.23	99.23	N/A	N/A
5700	58.86	AV	H	32.54	5.70	0.00	97.10	91.10	N/A	N/A
5700	63.95	PK	V	32.54	5.70	0.00	102.19	96.19	N/A	N/A
5700	55.23	AV	V	32.54	5.70	0.00	93.47	87.47	N/A	N/A
5725	26.58	PK	H	32.57	5.72	0.00	64.87	58.87	74.00	15.13
5725	15.07	AV	H	32.57	5.72	0.00	53.36	47.36	54.00	6.64
11400	34.87	PK	H	37.92	8.22	26.03	54.98	48.98	74.00	25.02
11400	25.94	AV	H	37.92	8.22	26.03	46.05	40.05	54.00	13.95
17100	35.32	PK	H	42.36	10.60	25.80	62.48	56.48	74.00	17.52
17100	26.42	AV	H	42.36	10.60	25.80	53.58	47.58	54.00	6.42
1510	34.86	PK	H	24.12	2.68	26.34	35.32	29.32	74.00	44.68
1510	24.47	AV	H	24.12	2.68	26.34	24.93	18.93	54.00	35.07
3342	37.65	PK	H	26.12	3.94	26.53	41.18	35.18	74.00	38.82
3342	26.54	AV	H	26.12	3.94	26.53	30.07	24.07	54.00	29.93
95.96	56.08	QP	H	9.59	0.53	28.33	37.87	37.87	40.00	2.13
146.4	42.47	QP	H	12.89	0.73	28.09	28.00	28.00	46.00	18.00

802.11n ht40 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5510 MHz										
5510	66.1	PK	H	32.31	5.53	0.00	103.94	97.94	N/A	N/A
5510	57.31	AV	H	32.31	5.53	0.00	95.15	89.15	N/A	N/A
5510	63.18	PK	V	32.31	5.53	0.00	101.02	95.02	N/A	N/A
5510	54.29	AV	V	32.31	5.53	0.00	92.13	86.13	N/A	N/A
5470	26.28	PK	H	32.25	5.49	0.00	64.02	58.02	74.00	15.98
5470	15.12	AV	H	32.25	5.49	0.00	52.86	46.86	54.00	7.14
11020	33.63	PK	H	37.62	8.20	26.06	53.39	47.39	74.00	26.61
11020	24.94	AV	H	37.62	8.20	26.06	44.70	38.70	54.00	15.30
16530	34.6	PK	H	40.40	10.44	25.49	59.95	53.95	74.00	20.05
16530	25.79	AV	H	40.40	10.44	25.49	51.14	45.14	54.00	8.86
1434	36.01	PK	H	23.93	2.58	26.39	36.13	30.13	74.00	43.87
1434	25.54	AV	H	23.93	2.58	26.39	25.66	19.66	54.00	34.34
3276	38.64	PK	H	25.75	3.84	26.51	41.72	35.72	74.00	38.28
3276	27.72	AV	H	25.75	3.84	26.51	30.80	24.80	54.00	29.20
95.96	56.26	QP	H	9.59	0.53	28.33	38.05	38.05	40.00	1.95
146.4	43.02	QP	H	12.89	0.73	28.09	28.55	28.55	46.00	17.45
Middle Channel:5590 MHz										
5590	66.37	PK	H	32.41	5.60	0.00	104.38	98.38	N/A	N/A
5590	57.15	AV	H	32.41	5.60	0.00	95.16	89.16	N/A	N/A
5590	63.20	PK	V	32.41	5.60	0.00	101.21	95.21	N/A	N/A
5590	54.23	AV	V	32.41	5.60	0.00	92.24	86.24	N/A	N/A
11180	34.22	PK	H	37.74	8.21	26.05	54.12	48.12	74.00	25.88
11180	24.74	AV	H	37.74	8.21	26.05	44.64	38.64	54.00	15.36
16770	35.78	PK	H	41.16	10.43	25.58	61.79	55.79	74.00	18.21
16770	26.21	AV	H	41.16	10.43	25.58	52.22	46.22	54.00	7.78
1487	35.45	PK	H	24.07	2.65	26.34	35.83	29.83	74.00	44.17
1487	24.94	AV	H	24.07	2.65	26.34	25.32	19.32	54.00	34.68
3305	37.89	PK	H	25.91	3.89	26.52	41.17	35.17	74.00	38.83
3305	27.98	AV	H	25.91	3.89	26.52	31.26	25.26	54.00	28.74
95.96	55.98	QP	H	9.59	0.53	28.33	37.77	37.77	40.00	2.23
146.4	42.9	QP	H	12.89	0.73	28.09	28.43	28.43	46.00	17.57

High Channel:5670 MHz										
5670	65.73	PK	H	32.50	5.67	0.00	103.90	97.90	N/A	N/A
5670	57.19	AV	H	32.50	5.67	0.00	95.36	89.36	N/A	N/A
5670	62.64	PK	V	32.50	5.67	0.00	100.81	94.81	N/A	N/A
5670	54.25	AV	V	32.50	5.67	0.00	92.42	86.42	N/A	N/A
5725	26.61	PK	H	32.57	5.72	0.00	64.90	58.9	74.00	15.10
5725	15.36	AV	H	32.57	5.72	0.00	53.65	47.65	54.00	6.35
11340	34.51	PK	H	37.87	8.21	26.03	54.56	48.56	74.00	25.44
11340	25.59	AV	H	37.87	8.21	26.03	45.64	39.64	54.00	14.36
17010	35.08	PK	H	41.95	10.45	25.67	61.81	55.81	74.00	18.19
17010	26.15	AV	H	41.95	10.45	25.67	52.88	46.88	54.00	7.12
1510	35.34	PK	H	24.12	2.68	26.34	35.80	29.80	74.00	44.20
1510	24.79	AV	H	24.12	2.68	26.34	25.25	19.25	54.00	34.75
3342	37.27	PK	H	26.12	3.94	26.53	40.80	34.80	74.00	39.20
3342	27.04	AV	H	26.12	3.94	26.53	30.57	24.57	54.00	29.43
95.96	55.98	QP	H	9.59	0.53	28.33	37.77	37.77	40.00	2.23
146.4	42.6	QP	H	12.89	0.73	28.09	28.13	28.13	46.00	17.87

5725-5850MHz Band:
802.11a Mode

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5745 MHz										
5745	67.36	PK	H	32.59	5.74	0.00	105.69	99.69	N/A	N/A
5745	58.81	AV	H	32.59	5.74	0.00	97.14	91.14	N/A	N/A
5745	64.69	PK	V	32.59	5.74	0.00	103.02	97.02	N/A	N/A
5745	56.22	AV	V	32.59	5.74	0.00	94.55	88.55	N/A	N/A
5725	31.09	PK	H	32.57	5.72	0.00	69.38	63.38	122.20	58.82
5720	27.3	PK	H	32.56	5.71	0.00	65.57	59.57	110.80	51.23
5700	27.17	PK	H	32.54	5.70	0.00	65.41	59.41	105.20	45.79
5650	26.31	PK	H	32.48	5.65	0.00	64.44	58.44	68.20	9.76
11490	35.17	PK	H	37.99	8.22	26.02	55.36	49.36	74.00	24.64
11490	26.82	AV	H	37.99	8.22	26.02	47.01	41.01	54.00	12.99
17235	34.42	PK	H	42.98	10.82	25.99	62.23	56.23	74.00	17.77
17235	26.65	AV	H	42.98	10.82	25.99	54.46	48.46	54.00	5.54
2020	35.89	PK	H	24.83	3.05	26.82	36.95	30.95	74.00	43.05
2020	24.64	AV	H	24.83	3.05	26.82	25.70	19.70	54.00	34.30
7205	34.94	PK	H	34.71	6.16	26.35	49.46	43.46	74.00	30.54
7205	23.58	AV	H	34.71	6.16	26.35	38.10	32.10	54.00	21.90
95.96	56.29	QP	H	9.59	0.53	28.33	38.08	38.08	43.50	5.42
146.4	42.95	QP	H	12.89	0.73	28.09	28.48	28.48	43.50	15.02
Middle Channel:5785 MHz										
5785	67.05	PK	H	32.64	5.77	0.00	105.46	99.46	N/A	N/A
5785	58.63	AV	H	32.64	5.77	0.00	97.04	91.04	N/A	N/A
5785	64.2	PK	V	32.64	5.77	0.00	102.61	96.61	N/A	N/A
5785	55.72	AV	V	32.64	5.77	0.00	94.13	88.13	N/A	N/A
11570	35.21	PK	H	38.03	8.21	26.00	55.45	49.45	74.00	24.55
11570	26.93	AV	H	38.03	8.21	26.00	47.17	41.17	54.00	12.83
17355	33.52	PK	H	43.53	11.03	26.16	61.92	55.92	74.00	18.08
17355	26.21	AV	H	43.53	11.03	26.16	54.61	48.61	54.00	5.39
2069	36.1	PK	H	24.67	3.04	26.83	36.98	30.98	74.00	43.02
2069	24.51	AV	H	24.67	3.04	26.83	25.39	19.39	54.00	34.61
7248	35.55	PK	H	34.80	6.18	26.37	50.16	44.16	74.00	29.84
7248	23.63	AV	H	34.80	6.18	26.37	38.24	32.24	54.00	21.76
95.96	56.31	QP	H	9.59	0.53	28.33	38.10	38.10	43.50	5.40
146.4	42.82	QP	H	12.89	0.73	28.09	28.35	28.35	43.50	15.15

High Channel:5825 MHz										
5825	67.16	PK	H	32.69	5.81	0.00	105.66	99.66	N/A	N/A
5825	58.49	AV	H	32.69	5.81	0.00	96.99	90.99	N/A	N/A
5825	64.23	PK	V	32.69	5.81	0.00	102.73	96.73	N/A	N/A
5825	55.96	AV	V	32.69	5.81	0.00	94.46	88.46	N/A	N/A
5850	28.1	PK	H	32.72	5.83	0.00	66.65	60.65	122.20	61.55
5855	27.16	PK	H	32.73	5.83	0.00	65.72	59.72	110.80	51.08
5875	25.83	PK	H	32.75	5.85	0.00	64.43	58.43	105.20	46.77
5925	26.09	PK	H	32.81	5.89	0.00	64.79	58.79	68.20	9.41
11650	35.78	PK	H	38.06	8.20	25.98	56.06	50.06	74.00	23.94
11650	27.39	AV	H	38.06	8.20	25.98	47.67	41.67	54.00	12.33
17475	33.85	PK	H	44.09	11.23	26.33	62.84	56.84	74.00	17.16
17475	26.27	AV	H	44.09	11.23	26.33	55.26	49.26	54.00	4.74
2116	36.65	PK	H	24.51	3.04	26.84	37.36	31.36	74.00	42.64
2116	24.98	AV	H	24.51	3.04	26.84	25.69	19.69	54.00	34.31
7286	34.99	PK	H	34.87	6.20	26.39	49.67	43.67	74.00	30.33
7286	23.74	AV	H	34.87	6.20	26.39	38.42	32.42	54.00	21.58
95.96	56.45	QP	H	9.59	0.53	28.33	38.24	38.24	43.50	5.26
146.4	42.85	QP	H	12.89	0.73	28.09	28.38	28.38	43.50	15.12

802.11n ht20 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5745 MHz										
5745	67.24	PK	H	32.59	5.74	0.00	105.57	99.57	N/A	N/A
5745	58.57	AV	H	32.59	5.74	0.00	96.90	90.90	N/A	N/A
5745	64.71	PK	V	32.59	5.74	0.00	103.04	97.04	N/A	N/A
5745	55.83	AV	V	32.59	5.74	0.00	94.16	88.16	N/A	N/A
5725	31.61	PK	H	32.57	5.72	0.00	69.90	63.90	122.20	58.30
5720	27.1	PK	H	32.56	5.71	0.00	65.37	59.37	110.80	51.43
5700	26.82	PK	H	32.54	5.70	0.00	65.06	59.06	105.20	46.14
5650	26.19	PK	H	32.48	5.65	0.00	64.32	58.32	68.20	9.88
11490	35.16	PK	H	37.99	8.22	26.02	55.35	49.35	74.00	24.65
11490	27.25	AV	H	37.99	8.22	26.02	47.44	41.44	54.00	12.56
17235	34.83	PK	H	42.98	10.82	25.99	62.64	56.64	74.00	17.36
17235	26.5	AV	H	42.98	10.82	25.99	54.31	48.31	54.00	5.69
2020	35.77	PK	H	24.83	3.05	26.82	36.83	30.83	74.00	43.17
2020	24.43	AV	H	24.83	3.05	26.82	25.49	19.49	54.00	34.51
7205	35.51	PK	H	34.71	6.16	26.35	50.03	44.03	74.00	29.97
7205	23.95	AV	H	34.71	6.16	26.35	38.47	32.47	54.00	21.53
95.96	56.05	QP	H	9.59	0.53	28.33	37.84	37.84	43.50	5.66
146.4	42.8	QP	H	12.89	0.73	28.09	28.33	28.33	43.50	15.17
Middle Channel:5785 MHz										
5785	67.55	PK	H	32.64	5.77	0.00	105.96	99.96	N/A	N/A
5785	58.86	AV	H	32.64	5.77	0.00	97.27	91.27	N/A	N/A
5785	64.34	PK	V	32.64	5.77	0.00	102.75	96.75	N/A	N/A
5785	55.99	AV	V	32.64	5.77	0.00	94.40	88.40	N/A	N/A
11570	35.64	PK	H	38.03	8.21	26.00	55.88	49.88	74.00	24.12
11570	27.7	AV	H	38.03	8.21	26.00	47.94	41.94	54.00	12.06
17355	35.1	PK	H	43.53	11.03	26.16	63.50	57.50	74.00	16.50
17355	26.73	AV	H	43.53	11.03	26.16	55.13	49.13	54.00	4.87
2069	35.8	PK	H	24.67	3.04	26.83	36.68	30.68	74.00	43.32
2069	24.29	AV	H	24.67	3.04	26.83	25.17	19.17	54.00	34.83
7248	35.54	PK	H	34.80	6.18	26.37	50.15	44.15	74.00	29.85
7248	23.58	AV	H	34.80	6.18	26.37	38.19	32.19	54.00	21.81
95.96	56.17	QP	H	9.59	0.53	28.33	37.96	37.96	43.50	5.54
146.4	42.63	QP	H	12.89	0.73	28.09	28.16	28.16	43.50	15.34

High Channel:5825 MHz										
5825	66.63	PK	H	32.69	5.81	0.00	105.13	99.13	N/A	N/A
5825	58.18	AV	H	32.69	5.81	0.00	96.68	90.68	N/A	N/A
5825	64.1	PK	V	32.69	5.81	0.00	102.60	96.60	N/A	N/A
5825	55.55	AV	V	32.69	5.81	0.00	94.05	88.05	N/A	N/A
5850	28.18	PK	H	32.72	5.83	0.00	66.73	60.73	122.20	61.47
5855	27.31	PK	H	32.73	5.83	0.00	65.87	59.87	110.80	50.93
5875	26.16	PK	H	32.75	5.85	0.00	64.76	58.76	105.20	46.44
5925	25.9	PK	H	32.81	5.89	0.00	64.60	58.60	68.20	9.60
11650	36.04	PK	H	38.06	8.20	25.98	56.32	50.32	74.00	23.68
11650	28.19	AV	H	38.06	8.20	25.98	48.47	42.47	54.00	11.53
17475	35.35	PK	H	44.09	11.23	26.33	64.34	58.34	74.00	15.66
17475	27.05	AV	H	44.09	11.23	26.33	56.04	50.04	54.00	3.96
2116	36.91	PK	H	24.51	3.04	26.84	37.62	31.62	74.00	42.38
2116	24.81	AV	H	24.51	3.04	26.84	25.52	19.52	54.00	34.48
7286	34.72	PK	H	34.87	6.20	26.39	49.40	43.40	74.00	30.60
7286	24	AV	H	34.87	6.20	26.39	38.68	32.68	54.00	21.32
95.96	56.25	QP	H	9.59	0.53	28.33	38.04	38.04	43.50	5.46
146.4	42.74	QP	H	12.89	0.73	28.09	28.27	28.27	43.50	15.23

802.11n ht40 Mode:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Extrapolation result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)						
Low Channel:5755 MHz										
5755	64.66	PK	H	32.61	5.74	0.00	103.01	97.01	N/A	N/A
5755	56.88	AV	H	32.61	5.74	0.00	95.23	89.23	N/A	N/A
5755	62.26	PK	V	32.61	5.74	0.00	100.61	94.61	N/A	N/A
5755	53.94	AV	V	32.61	5.74	0.00	92.29	86.29	N/A	N/A
5725	31.00	PK	H	32.57	5.72	0.00	69.29	63.29	122.2	58.91
5720	29.15	PK	H	32.56	5.71	0.00	67.42	61.42	110.8	49.38
5700	27.03	PK	H	32.54	5.70	0.00	65.27	59.27	105.2	45.93
5650	25.62	PK	H	32.48	5.65	0.00	63.75	57.75	68.2	10.45
11510	35.65	PK	H	38.00	8.22	26.02	55.85	49.85	74	24.15
11510	27.32	AV	H	38.00	8.22	26.02	47.52	41.52	54	12.48
17265	33.97	PK	H	43.12	10.88	26.04	61.93	55.93	74	18.07
17265	26.07	AV	H	43.12	10.88	26.04	54.03	48.03	54	5.97
2020	36.24	PK	H	24.83	3.05	26.82	37.3	31.3	74	42.7
2020	24.87	AV	H	24.83	3.05	26.82	25.93	19.93	54	34.07
7205	35.03	PK	H	34.71	6.16	26.35	49.55	43.55	74	30.45
7205	23.50	AV	H	34.71	6.16	26.35	38.02	32.02	54	21.98
95.96	56.32	QP	H	9.59	0.53	28.33	38.11	38.11	43.5	5.39
146.4	42.84	QP	H	12.89	0.73	28.09	28.37	28.37	43.5	15.13
High Channel:5795 MHz										
5795	64.07	PK	H	32.65	5.78	0.00	102.5	96.5	N/A	N/A
5795	56.03	AV	H	32.65	5.78	0.00	94.46	88.46	N/A	N/A
5795	62.18	PK	V	32.65	5.78	0.00	100.61	94.61	N/A	N/A
5795	53.35	AV	V	32.65	5.78	0.00	91.78	85.78	N/A	N/A
5850	31.47	PK	H	32.72	5.83	0.00	70.02	64.02	122.2	58.18
5855	29.39	PK	H	32.73	5.83	0.00	67.95	61.95	110.8	48.85
5875	27.22	PK	H	32.75	5.85	0.00	65.82	59.82	105.2	45.38
5925	26.16	PK	H	32.81	5.89	0.00	64.86	58.86	68.2	9.34
11590	36.13	PK	H	38.04	8.21	25.99	56.39	50.39	74	23.61
11590	27.83	AV	H	38.04	8.21	25.99	48.09	42.09	54	11.91
17385	34.83	PK	H	43.67	11.08	26.21	63.37	57.37	74	16.63
17385	26.94	AV	H	43.67	11.08	26.21	55.48	49.48	54	4.52
2116	36.88	PK	H	24.51	3.04	26.84	37.59	31.59	74	42.41
2116	24.77	AV	H	24.51	3.04	26.84	25.48	19.48	54	34.52
7286	34.82	PK	H	34.87	6.20	26.39	49.50	43.50	74	30.50
7286	24.04	AV	H	34.87	6.20	26.39	38.72	32.72	54	21.28
95.96	56.32	QP	H	9.59	0.53	28.33	38.11	38.11	43.5	5.39
146.4	42.5	QP	H	12.89	0.73	28.09	28.03	28.03	43.5	15.47

***** *END OF REPORT* *****