



Partial FCC RF Test Report

APPLICANT : Huawei Technologies Co., Ltd.
EQUIPMENT : Smart Phone
BRAND NAME : HUAWEI
MODEL NAME : SNE-LX3
FCC ID : QISSNE-LX3
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

This is a partial report. The product testing was completed on Sep. 06, 2018. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.



Approved by: Eric Shih / Manager

Sporton International (Shenzhen) Inc.

**1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan Shenzhen City
Guangdong Province 518055 China**



TABLE OF CONTENTS

REVISION HISTORY.....	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer.....	5
1.3 Product Feature of Equipment Under Test.....	5
1.4 Product Specification of Equipment Under Test.....	6
1.5 Modification of EUT	6
1.6 Testing Location	6
1.7 Applicable Standards.....	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Carrier Frequency and Channel	8
2.2 Test Mode.....	10
2.3 Connection Diagram of Test System.....	12
2.4 EUT Operation Test Setup	12
3 TEST RESULT	13
3.1 Unwanted Emissions Measurement.....	13
3.2 Automatically Discontinue Transmission	20
3.3 Antenna Requirements.....	21
4 LIST OF MEASURING EQUIPMENT	22
5 UNCERTAINTY OF EVALUATION	23
APPENDIX A. RADIATED SPURIOUS EMISSION	
APPENDIX B. RADIATED SPURIOUS EMISSION PLOTS	
APPENDIX C. DUTY CYCLE PLOTS	
APPENDIX D. SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR881631	Rev. 01	Initial issue of report	Sep. 07, 2018
FR881631	Rev. 02	Remove the Straddle Channel 138/142/144	Sep. 13, 2018



SUMMARY OF TEST RESULT

Report Section	Partial FCC Rule	Description	Limit	Result	Remark
3.1	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 6.03 dB at 5350.32 MHz
3.2	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.3	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-



1 General Description

1.1 Applicant

Huawei Technologies Co., Ltd.

Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.2 Manufacturer

Huawei Technologies Co., Ltd.

Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	HUAWEI
Model Name	SNE-LX3
FCC ID	QISSNE-LX3
EUT supports Radios application	WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80
IMEI Code	Radiation: 869823030011949/869823030013895
HW Version	HL2SNEL21M
SW Version	SNE-LX3 8.2.0.118M(C900)
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz 5745 MHz ~ 5825 MHz
Antenna Type / Gain	<5180 MHz ~ 5240 MHz> IFA Antenna with gain -1.3 dBi <5260 MHz ~ 5320 MHz> IFA Antenna with gain -1.3 dBi <5500 MHz ~ 5700 MHz > IFA Antenna with gain -1.3 dBi <5745 MHz ~ 5825 MHz > IFA Antenna with gain -1.3 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International (Shenzhen) Inc. is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600156-0) and the FCC designation No are CN5019.

Test Site	Sporton International (Shenzhen) Inc.	
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan District Shenzhen City Guangdong Province 518055 China TEL: +86-755-3320-2398	
Test Site No.	Sporton Site No.	FCC Test Firm Registration No.
	03CH01-SZ	577730



1.7 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated:, radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155 [#]	5775	165	5825



Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80.

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11a	6 Mbps
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	118
H	High	46	62	134

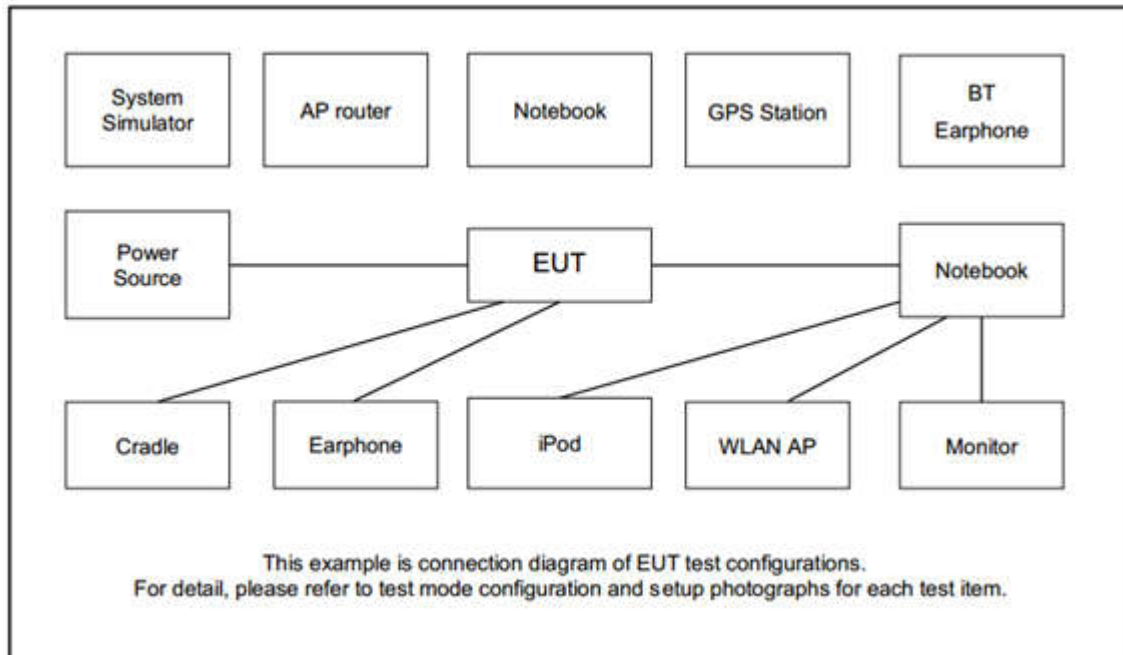
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-



Ch. #		Band IV : 5725-5850 MHz		
		802.11a	802.11n HT20	802.11n HT40
L	Low	149	149	151
M	Middle	157	157	-
H	High	165	165	159

Ch. #		Band IV : 5725-5850 MHz		
		802.11ac VHT20	802.11ac VHT40	802.11ac VHT80
L	Low	149	151	-
M	Middle	157	-	155
H	High	165	159	-

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit/receive.

3 Test Result

3.1 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part 15.205.

3.1.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) For transmitters operating in the 5.725-5.85 GHz band:
- 15.407(b)(4)(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.

(3) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

Frequency (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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.2

Note: The following formula is used to convert the EIRP to field strength.

$$EIRP = E_{Meas} + 20\log(d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

(4) KDB789033 D02 v02r01 G)2)c)

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.³
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.⁴

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.1.2 Measuring Instruments

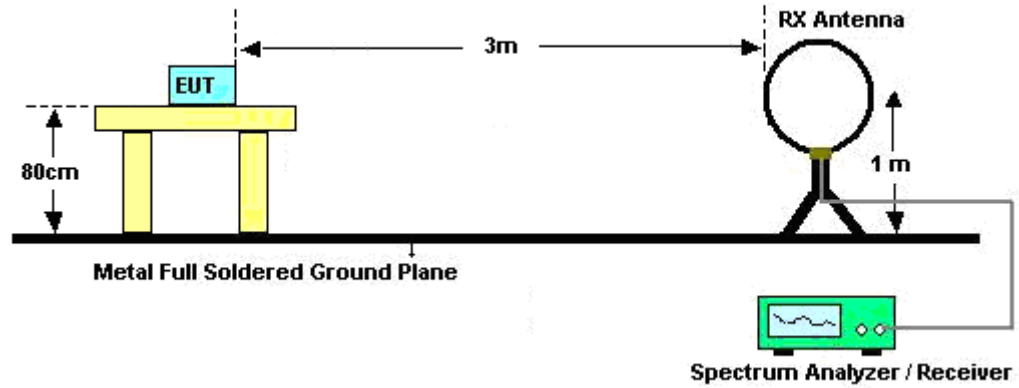
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

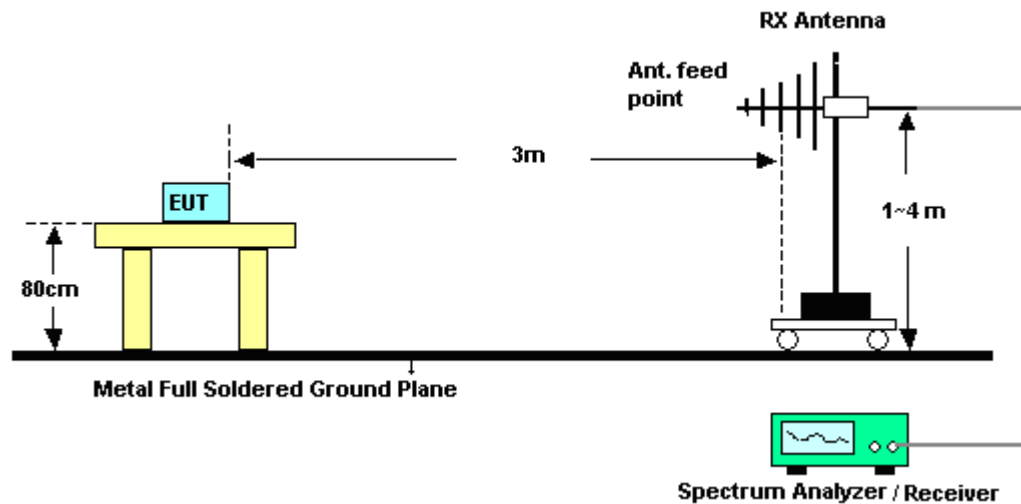
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, 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.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.1.4 Test Setup

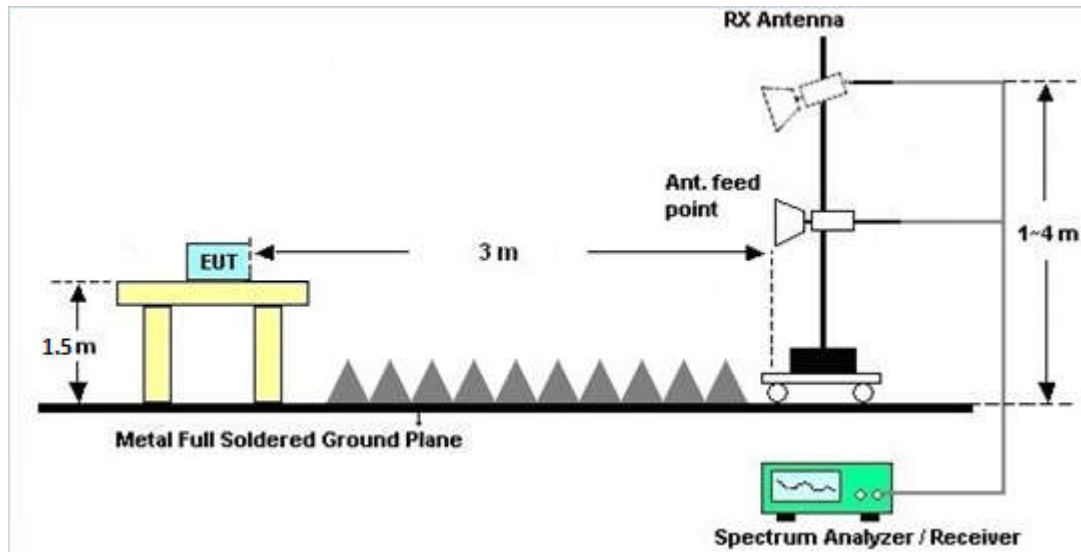
For radiated emissions below 30MHz



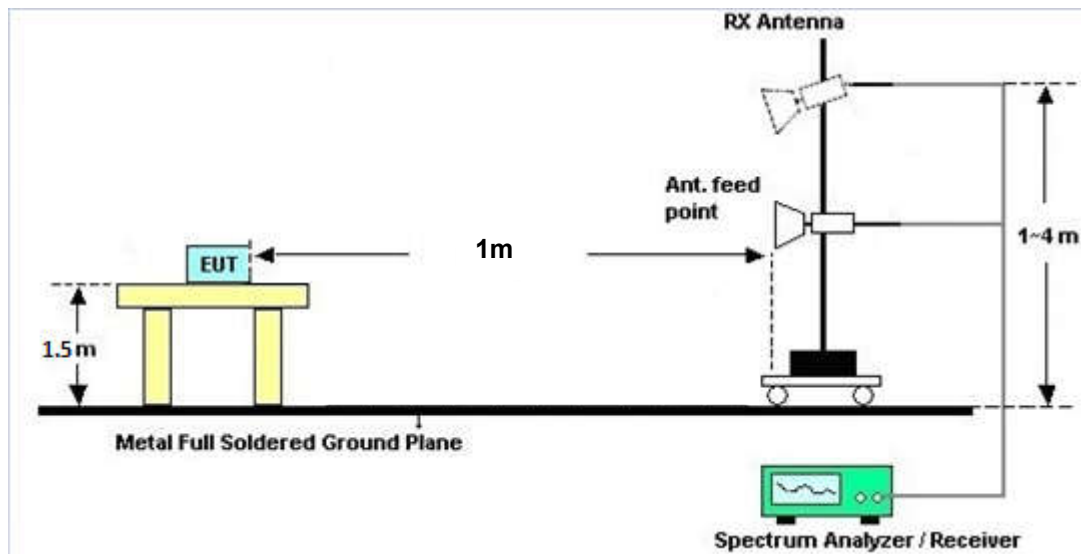
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz to 18GHz



For radiated emissions above 18GHz to 40GHz





3.1.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line, the worst case was reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A.

3.1.7 Duty Cycle

Please refer to Appendix C.

3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

The 18GHz~40GHz were pre-scan and found the worst case for final test , the final result was lower than 20dB limit line that does not show report.

Please refer to Appendix A.



3.2 Automatically Discontinue Transmission

3.2.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



3.3 Antenna Requirements

3.3.1 Standard Applicable

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

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 19, 2018	Aug. 22, 2018~ Sep. 06, 2018	Apr. 18, 2019	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	May 14, 2018	Aug. 22, 2018~ Sep. 06, 2018	May 13, 2019	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Apr. 19, 2018	Aug. 22, 2018~ Sep. 06, 2018	Apr. 18, 2019	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	119436	1GHz~18GHz	Jul. 28, 2018	Aug. 22, 2018~ Sep. 06, 2018	Jul. 27, 2019	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz-40GHz	Mar. 30, 2018	Aug. 22, 2018~ Sep. 06, 2018	Mar. 29, 2019	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 19, 2018	Aug. 22, 2018~ Sep. 06, 2018	Apr. 18, 2019	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1707137	1GHz~18GHz	Oct. 19, 2017	Aug. 22, 2018~ Sep. 06, 2018	Oct. 18, 2018	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270104	0.5GHz~26.5GHz	Oct. 19, 2017	Aug. 22, 2018~ Sep. 06, 2018	Oct. 18, 2018	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 30, 2018	Aug. 22, 2018~ Sep. 06, 2018	Jul. 30, 2019	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Aug. 22, 2018~ Sep. 06, 2018	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Aug. 22, 2018~ Sep. 06, 2018	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required



5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8dB
--	-------

Uncertainty of Radiated Emission Measurement (1GHz ~ 18GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
--	-------

Uncertainty of Radiated Emission Measurement (18GHz ~ 40GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3dB
--	-------



Appendix A. Radiated Spurious Emission

Test Engineer :	Xiaoshi Tan	Temperature :	24~25°C
		Relative Humidity :	48~49%



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.4	-18.6	74	43.26	33.87	11.37	33.1	145	304	P	H
		5149.5	47.15	-6.85	54	35.01	33.87	11.37	33.1	145	304	A	H
	*	5180	104.24	-	-	91.95	33.92	11.47	33.1	145	304	P	H
	*	5180	96.94	-	-	84.65	33.92	11.47	33.1	145	304	A	H
		5040.56	52.71	-21.29	74	40.91	33.74	11.16	33.1	394	173	P	V
		5149.76	45.14	-8.86	54	33	33.87	11.37	33.1	394	173	A	V
	*	5180	101.92	-	-	89.63	33.92	11.47	33.1	394	173	P	V
	*	5180	93.74	-	-	81.45	33.92	11.47	33.1	394	173	A	V
802.11a CH 44 5220MHz		5117.78	53.78	-20.22	74	41.68	33.83	11.37	33.1	138	303	P	H
		5070.2	44.39	-9.61	54	32.57	33.76	11.16	33.1	138	303	A	H
	*	5220	103.86	-	-	91.42	33.96	11.58	33.1	138	303	P	H
	*	5220	96.65	-	-	84.21	33.96	11.58	33.1	138	303	A	H
		5450.4	53.14	-20.86	74	40.14	34.26	11.84	33.1	138	303	P	H
		5439.84	44.21	-9.79	54	31.23	34.24	11.84	33.1	138	303	A	H
		5147.42	53.39	-20.61	74	41.25	33.87	11.37	33.1	387	176	P	V
		5021.84	44.04	-9.96	54	32.37	33.72	11.05	33.1	387	176	A	V
	*	5220	101.05	-	-	88.61	33.96	11.58	33.1	387	176	P	V
	*	5220	93.35	-	-	80.91	33.96	11.58	33.1	387	176	A	V
		5442.72	52.7	-21.3	74	39.72	34.24	11.84	33.1	387	176	P	V
		5456.64	43.88	-10.12	54	30.88	34.26	11.84	33.1	387	176	A	V



802.11a CH 48 5240MHz		5067.34	53.12	-20.88	74	41.3	33.76	11.16	33.1	139	304	P	H
		5090.74	44.4	-9.6	54	32.43	33.81	11.26	33.1	139	304	A	H
	*	5240	103.36	-	-	90.86	33.98	11.62	33.1	139	304	P	H
	*	5240	97.19	-	-	84.69	33.98	11.62	33.1	139	304	A	H
		5440.32	52.97	-21.03	74	39.99	34.24	11.84	33.1	139	304	P	H
		5067.34	53.12	-20.88	74	41.3	33.76	11.16	33.1	139	304	A	H
		5049.4	52.61	-21.39	74	40.81	33.74	11.16	33.1	400	171	P	V
		5025.22	44	-10	54	32.33	33.72	11.05	33.1	400	171	A	V
	*	5240	99.65	-	-	87.15	33.98	11.62	33.1	400	171	P	V
	*	5240	93.03	-	-	80.53	33.98	11.62	33.1	400	171	A	V
		5436	52.2	-21.8	74	39.22	34.24	11.84	33.1	400	171	P	V
		5457.6	43.84	-10.16	54	30.84	34.26	11.84	33.1	400	171	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.2	-24.8	74	53.42	37.02	14.61	55.85	152	260	P	H
		10360	40.89	-13.11	54	45.11	37.02	14.61	55.85	152	260	A	H
		15540	48.14	-25.86	74	47.75	40.78	16.34	56.73	189	238	P	H
		15540	40.52	-13.48	54	40.13	40.78	16.34	56.73	189	238	A	H
		10360	49.38	-24.62	74	53.6	37.02	14.61	55.85	152	260	P	V
		10360	41.13	-12.87	54	45.35	37.02	14.61	55.85	152	260	A	V
		15540	49.12	-24.88	74	48.73	40.78	16.34	56.73	189	238	P	V
		15540	40.37	-13.63	54	39.98	40.78	16.34	56.73	189	238	A	V
802.11a CH 44 5220MHz		10440	50.14	-23.86	74	54.33	37.06	14.63	55.88	150	230	P	H
		10440	41.79	-12.21	54	45.98	37.06	14.63	55.88	150	230	A	H
		15660	48.34	-25.66	74	47.33	41.07	16.43	56.49	148	0	P	H
		15660	40.56	-13.44	54	39.55	41.07	16.43	56.49	148	0	A	H
		10440	49.84	-24.16	74	54.03	37.06	14.63	55.88	150	230	P	V
		10440	41.94	-12.06	54	46.13	37.06	14.63	55.88	150	230	A	V
		15660	48.49	-25.51	74	47.48	41.07	16.43	56.49	160	225	P	V
		15660	40.48	-13.52	54	39.47	41.07	16.43	56.49	160	225	A	V
802.11a CH 48 5240MHz		10480	50.83	-23.17	74	55	37.09	14.64	55.9	150	289	P	H
		10480	42.62	-11.38	54	46.79	37.09	14.64	55.9	150	289	A	H
		15720	48	-26	74	46.66	41.24	16.45	56.35	149	0	P	H
		15720	41.11	-12.89	54	39.77	41.24	16.45	56.35	149	0	A	H
		10480	51.15	-22.85	74	55.32	37.09	14.64	55.9	150	289	P	V
		10480	42.81	-11.19	54	46.98	37.09	14.64	55.9	150	289	A	V
		15720	48.68	-25.32	74	47.34	41.24	16.45	56.35	150	291	P	V
		15720	41.21	-12.79	54	39.87	41.24	16.45	56.35	150	291	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		5150	53.32	-20.68	74	41.18	33.87	11.37	33.1	144	304	P	H
		5149.24	45.21	-8.79	54	33.07	33.87	11.37	33.1	144	304	A	H
	*	5180	102.97	-	-	90.68	33.92	11.47	33.1	144	304	P	H
	*	5180	95.25	-	-	82.96	33.92	11.47	33.1	144	304	A	H
		5119.08	53.44	-20.56	74	41.34	33.83	11.37	33.1	356	251	P	V
		5150	44.63	-9.37	54	32.49	33.87	11.37	33.1	356	251	A	V
	*	5180	99.94	-	-	87.65	33.92	11.47	33.1	356	251	P	V
	*	5180	92.41	-	-	80.12	33.92	11.47	33.1	356	251	A	V
802.11ac VHT20 CH 44 5220MHz		5040.04	52.73	-21.27	74	40.93	33.74	11.16	33.1	117	302	P	H
		5027.04	43.71	-10.29	54	32.04	33.72	11.05	33.1	117	302	A	H
	*	5220	103.08	-	-	90.64	33.96	11.58	33.1	117	302	P	H
	*	5220	95.1	-	-	82.66	33.96	11.58	33.1	117	302	A	H
		5440.8	53.55	-20.45	74	40.57	34.24	11.84	33.1	117	302	P	H
		5440.08	43.55	-10.45	54	30.57	34.24	11.84	33.1	117	302	A	H
		5132.86	53.65	-20.35	74	41.53	33.85	11.37	33.1	352	262	P	V
		5067.86	43.65	-10.35	54	31.83	33.76	11.16	33.1	352	262	A	V
	*	5220	100.34	-	-	87.9	33.96	11.58	33.1	352	262	P	V
	*	5220	92.58	-	-	80.14	33.96	11.58	33.1	352	262	A	V
		5422.08	52.75	-21.25	74	39.85	34.22	11.78	33.1	352	262	P	V
		5440.08	43.88	-10.12	54	30.9	34.24	11.84	33.1	352	262	A	V



802.11ac VHT20 CH 48 5240MHz		5115.18	53.21	-20.79	74	41.11	33.83	11.37	33.1	103	303	P	H
		5043.94	43.68	-10.32	54	31.88	33.74	11.16	33.1	103	303	A	H
	*	5240	102.58	-	-	90.08	33.98	11.62	33.1	103	303	P	H
	*	5240	94.7	-	-	82.2	33.98	11.62	33.1	103	303	A	H
		5395.44	52.55	-21.45	74	39.67	34.2	11.78	33.1	103	303	P	H
		5439.84	43.54	-10.46	54	30.56	34.24	11.84	33.1	103	303	A	H
		5092.56	53.06	-20.94	74	41.09	33.81	11.26	33.1	322	264	P	V
		5024.18	43.55	-10.45	54	31.88	33.72	11.05	33.1	322	264	A	V
	*	5240	99.67	-	-	87.17	33.98	11.62	33.1	322	264	P	V
	*	5240	92.94	-	-	80.44	33.98	11.62	33.1	322	264	A	V
		5440.8	53.34	-20.66	74	40.36	34.24	11.84	33.1	322	264	P	V
		5439.84	43.99	-10.01	54	31.01	34.24	11.84	33.1	322	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		10360	50.66	-23.34	74	54.88	37.02	14.61	55.85	152	260	P	H
		10360	41.21	-12.79	54	45.43	37.02	14.61	55.85	152	260	A	H
		15540	48.94	-25.06	74	48.55	40.78	16.34	56.73	189	238	P	H
		15540	41.71	-12.29	54	41.32	40.78	16.34	56.73	189	238	A	H
		10360	49.04	-24.96	74	53.26	37.02	14.61	55.85	152	260	P	V
		10360	40.38	-13.62	54	44.6	37.02	14.61	55.85	152	260	A	V
		15540	48.41	-25.59	74	48.02	40.78	16.34	56.73	189	238	P	V
		15540	41.66	-12.34	54	41.27	40.78	16.34	56.73	189	238	A	V
802.11ac VHT20 CH 44 5220MHz		10440	50.03	-23.97	74	54.22	37.06	14.63	55.88	150	230	P	H
		10440	41.13	-12.87	54	45.32	37.06	14.63	55.88	150	230	A	H
		15660	48.05	-25.95	74	47.04	41.07	16.43	56.49	160	225	P	H
		15660	40.89	-13.11	54	39.88	41.07	16.43	56.49	160	225	A	H
		10440	49.81	-24.19	74	54	37.06	14.63	55.88	150	230	P	V
		10440	41.98	-12.02	54	46.17	37.06	14.63	55.88	150	230	A	V
		15660	48.97	-25.03	74	47.96	41.07	16.43	56.49	160	225	P	V
		15660	40.15	-13.85	54	39.14	41.07	16.43	56.49	160	225	A	V
802.11ac VHT20 CH 48 5240MHz		10480	50.52	-23.48	74	54.69	37.09	14.64	55.9	150	289	P	H
		10480	40.51	-13.49	54	44.68	37.09	14.64	55.9	150	289	A	H
		15720	48.02	-25.98	74	46.68	41.24	16.45	56.35	150	291	P	H
		15720	40.23	-13.77	54	38.89	41.24	16.45	56.35	150	291	A	H
		10480	50.28	-23.72	74	54.45	37.09	14.64	55.9	150	289	P	V
		10480	41.5	-12.5	54	45.67	37.09	14.64	55.9	150	289	A	V
		15720	48.6	-25.4	74	47.26	41.24	16.45	56.35	150	291	P	V
		15720	40.35	-13.65	54	39.01	41.24	16.45	56.35	150	291	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5148.2	55.41	-18.59	74	43.27	33.87	11.37	33.1	100	297	P	H
		5149.76	45.67	-8.33	54	33.53	33.87	11.37	33.1	100	297	A	H
	*	5190	96.69	-	-	84.4	33.92	11.47	33.1	100	297	P	H
	*	5190	90.18	-	-	77.89	33.92	11.47	33.1	100	297	A	H
		5424.16	51.22	-22.78	74	38.32	34.22	11.78	33.1	100	297	P	H
		5428.08	41.58	-12.42	54	28.62	34.22	11.84	33.1	100	297	A	H
		5146.12	53.46	-20.54	74	41.32	33.87	11.37	33.1	338	257	P	V
		5150	43.92	-10.08	54	31.78	33.87	11.37	33.1	338	257	A	V
	*	5190	93.24	-	-	80.95	33.92	11.47	33.1	338	257	P	V
	*	5190	87.3	-	-	75.01	33.92	11.47	33.1	338	257	A	V
		5451.88	50.16	-23.84	74	37.16	34.26	11.84	33.1	338	257	P	V
		5439.84	41.88	-12.12	54	28.9	34.24	11.84	33.1	338	257	A	V
802.11ac VHT40 CH 46 5230MHz		5148.72	51.12	-22.88	74	38.98	33.87	11.37	33.1	132	304	P	H
		5120.12	42.38	-11.62	54	30.28	33.83	11.37	33.1	132	304	A	H
	*	5230	98.03	-	-	85.57	33.98	11.58	33.1	132	304	P	H
	*	5230	91.11	-	-	78.65	33.98	11.58	33.1	132	304	A	H
		5434.08	51.2	-22.8	74	38.22	34.24	11.84	33.1	132	304	P	H
		5376	41.76	-12.24	54	28.97	34.15	11.74	33.1	132	304	A	H
		5067.08	49.84	-24.16	74	38.02	33.76	11.16	33.1	347	271	P	V
		5119.86	41.24	-12.76	54	29.14	33.83	11.37	33.1	347	271	A	V
	*	5230	94.13	-	-	81.67	33.98	11.58	33.1	347	271	P	V
	*	5230	87.77	-	-	75.31	33.98	11.58	33.1	347	271	A	V
		5424.72	50.8	-23.2	74	37.9	34.22	11.78	33.1	347	271	P	V
		5380.56	41.83	-12.17	54	29.01	34.18	11.74	33.1	347	271	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		10380	49.4	-24.6	74	53.61	37.03	14.62	55.86	138	295	P	H
		10380	40.58	-13.42	54	44.79	37.03	14.62	55.86	138	295	A	H
		15570	50.55	-23.45	74	49.97	40.87	16.37	56.66	155	281	P	H
		15570	42.11	-11.89	54	41.53	40.87	16.37	56.66	155	281	A	H
		10380	49.68	-24.32	74	53.89	37.03	14.62	55.86	126	188	P	V
		10380	40.66	-13.34	54	44.87	37.03	14.62	55.86	126	188	A	V
		15570	53.2	-20.8	74	52.62	40.87	16.37	56.66	172	284	P	V
		15570	44.45	-9.55	54	43.87	40.87	16.37	56.66	172	284	A	V
802.11ac VHT40 CH 46 5230MHz		10460	48.97	-25.03	74	53.14	37.07	14.64	55.88	230	186	P	H
		10460	40.69	-13.31	54	44.86	37.07	14.64	55.88	230	186	A	H
		15690	51.51	-22.49	74	50.32	41.16	16.45	56.42	150	225	P	H
		15690	42.75	-11.25	54	41.56	41.16	16.45	56.42	150	225	A	H
		10460	49.14	-24.86	74	53.32	37.07	14.63	55.88	189	270	P	V
		10460	40.52	-13.48	54	44.69	37.07	14.64	55.88	189	270	A	V
		15690	52.45	-21.55	74	51.26	41.16	16.45	56.42	126	245	P	V
		15690	43.82	-10.18	54	42.63	41.16	16.45	56.42	126	245	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5143.26	54.73	-19.27	74	42.59	33.87	11.37	33.1	125	293	P	H
		5149.5	45.33	-8.67	54	33.19	33.87	11.37	33.1	125	293	A	H
	*	5210	94.39	-	-	81.95	33.96	11.58	33.1	125	293	P	H
	*	5210	86.6	-	-	74.16	33.96	11.58	33.1	125	293	A	H
		5422.32	49.9	-24.1	74	37	34.22	11.78	33.1	125	293	P	H
		5457.36	41.77	-12.23	54	28.77	34.26	11.84	33.1	125	293	A	H
		5066.82	51.84	-22.16	74	40.02	33.76	11.16	33.1	397	194	P	V
		5150	43.34	-10.66	54	31.2	33.87	11.37	33.1	397	194	A	V
	*	5210	91.89	-	-	79.45	33.96	11.58	33.1	397	194	P	V
	*	5210	83.72	-	-	71.28	33.96	11.58	33.1	397	194	A	V
		5400.96	50.21	-23.79	74	37.33	34.2	11.78	33.1	397	194	P	V
		5454	41.64	-12.36	54	28.64	34.26	11.84	33.1	397	194	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	49.93	-24.07	74	54.12	37.05	14.63	55.87	150	230	P	H
		10420	42.12	-11.88	54	46.31	37.05	14.63	55.87	150	230	A	H
		15630	52.59	-21.41	74	51.68	41.03	16.4	56.52	160	225	P	H
		15630	44.06	-9.94	54	43.15	41.03	16.4	56.52	160	225	A	H
		10420	50.01	-23.99	74	54.2	37.05	14.63	55.87	150	230	P	V
		10420	42.35	-11.65	54	46.54	37.05	14.63	55.87	150	230	A	V
		15630	53.25	-20.75	74	52.34	41.03	16.4	56.52	160	225	P	V
		15630	45.49	-8.51	54	44.58	41.03	16.4	56.52	160	225	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5067.08	53.8	-20.2	74	41.98	33.76	11.16	33.1	137	303	P	H
		5069.68	44.43	-9.57	54	32.61	33.76	11.16	33.1	137	303	A	H
	*	5260	103.94	-	-	91.4	34.02	11.62	33.1	137	303	P	H
	*	5260	96.7	-	-	84.16	34.02	11.62	33.1	137	303	A	H
		5419.68	52.82	-21.18	74	39.92	34.22	11.78	33.1	137	303	P	H
		5455.2	44.09	-9.91	54	31.09	34.26	11.84	33.1	137	303	A	H
		5125.84	53.26	-20.74	74	41.14	33.85	11.37	33.1	400	175	P	V
		5134.68	43.95	-10.05	54	31.83	33.85	11.37	33.1	400	175	A	V
	*	5260	101.03	-	-	88.49	34.02	11.62	33.1	400	175	P	V
	*	5260	93.5	-	-	80.96	34.02	11.62	33.1	400	175	A	V
		5379.84	52.03	-21.97	74	39.21	34.18	11.74	33.1	400	175	P	V
		5456.64	43.88	-10.12	54	30.88	34.26	11.84	33.1	400	175	A	V
802.11a CH 60 5300MHz		5084.35	53.16	-20.84	74	41.21	33.79	11.26	33.1	136	302	P	H
		5135.45	44.49	-9.51	54	32.37	33.85	11.37	33.1	136	302	A	H
	*	5300	103.37	-	-	90.74	34.07	11.66	33.1	136	302	P	H
	*	5300	96.27	-	-	83.64	34.07	11.66	33.1	136	302	A	H
		5459.52	53.32	-20.68	74	40.32	34.26	11.84	33.1	136	302	P	H
		5456.16	44.3	-9.7	54	31.3	34.26	11.84	33.1	136	302	A	H
		5108.85	52.48	-21.52	74	40.49	33.83	11.26	33.1	396	174	P	V
		5026.25	44.06	-9.94	54	32.39	33.72	11.05	33.1	396	174	A	V
	*	5300	100.96	-	-	88.33	34.07	11.66	33.1	396	174	P	V
	*	5300	93.55	-	-	80.92	34.07	11.66	33.1	396	174	A	V
		5441.76	52.89	-21.11	74	39.91	34.24	11.84	33.1	396	174	P	V
		5457.36	44.08	-9.92	54	31.08	34.26	11.84	33.1	396	174	A	V



802.11a CH 64 5320MHz	*	5320	103.04	-	-	92.29	32.15	11.7	33.1	100	301	P	H
	*	5320	95.87	-	-	85.12	32.15	11.7	33.1	100	301	A	H
		5439.68	51.36	-22.64	74	40.37	32.25	11.84	33.1	100	301	P	H
		5350.56	42.95	-11.05	54	32.13	32.18	11.74	33.1	100	301	A	H
	*	5320	100.78	-	-	90.03	32.15	11.7	33.1	333	259	P	V
	*	5320	93.54	-	-	82.79	32.15	11.7	33.1	333	259	A	V
		5439.36	50.95	-23.05	74	39.96	32.25	11.84	33.1	333	259	P	V
		5439.52	42.53	-11.47	54	31.54	32.25	11.84	33.1	333	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	49.55	-24.45	74	53.7	37.11	14.65	55.91	150	220	P	H
		10520	40.95	-13.05	54	45.1	37.11	14.65	55.91	150	220	A	H
		15780	52.59	-21.41	74	50.97	41.36	16.51	56.25	159	345	P	H
		15780	43.8	-10.2	54	42.18	41.36	16.51	56.25	159	345	A	H
		10520	49.43	-24.57	74	53.58	37.11	14.65	55.91	150	220	P	V
		10520	40.72	-13.28	54	44.87	37.11	14.65	55.91	150	220	A	V
		15780	54.01	-19.99	74	52.39	41.36	16.51	56.25	159	345	P	V
		15780	46.17	-7.83	54	44.55	41.36	16.51	56.25	159	345	A	V
802.11a CH 60 5300MHz		10600	49.81	-24.19	74	53.92	37.16	14.67	55.94	185	215	P	H
		10600	41.16	-12.84	54	45.27	37.16	14.67	55.94	185	215	A	H
		15900	53.61	-20.39	74	51.38	41.65	16.59	56.01	196	190	P	H
		15900	45.39	-8.61	54	43.16	41.65	16.59	56.01	196	190	A	H
		10600	49.43	-24.57	74	53.54	37.16	14.67	55.94	185	215	P	V
		10600	41.08	-12.92	54	45.19	37.16	14.67	55.94	185	215	A	V
		15900	53.67	-20.33	74	51.44	41.65	16.59	56.01	196	190	P	V
		15900	45.51	-8.49	54	43.28	41.65	16.59	56.01	196	190	A	V
802.11a CH 64 5320MHz		10640	49.94	-24.06	74	54.04	37.18	14.68	55.96	152	135	P	H
		10640	41.23	-12.77	54	45.33	37.18	14.68	55.96	152	135	A	H
		15960	53.88	-20.12	74	51.29	41.82	16.64	55.87	173	245	P	H
		15960	45.28	-8.72	54	42.69	41.82	16.64	55.87	173	245	A	H
		10640	49.68	-24.32	74	53.78	37.18	14.68	55.96	152	135	P	V
		10640	41.69	-12.31	54	45.79	37.18	14.68	55.96	152	135	A	V
		15960	53.86	-20.14	74	51.27	41.82	16.64	55.87	173	245	P	V
		15960	45.51	-8.49	54	42.92	41.82	16.64	55.87	173	245	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5012.48	52.85	-21.15	74	41.2	33.7	11.05	33.1	136	304	P	H
		5088.66	43.54	-10.46	54	31.57	33.81	11.26	33.1	136	304	A	H
	*	5260	102.61	-	-	90.07	34.02	11.62	33.1	136	304	P	H
	*	5260	94.91	-	-	82.37	34.02	11.62	33.1	136	304	A	H
		5405.04	52.19	-21.81	74	39.31	34.2	11.78	33.1	136	304	P	H
		5440.08	43.48	-10.52	54	30.5	34.24	11.84	33.1	136	304	A	H
		5147.68	53.66	-20.34	74	41.52	33.87	11.37	33.1	323	263	P	V
		5069.42	43.55	-10.45	54	31.73	33.76	11.16	33.1	323	263	A	V
	*	5260	100.97	-	-	88.43	34.02	11.62	33.1	323	263	P	V
	*	5260	93.33	-	-	80.79	34.02	11.62	33.1	323	263	A	V
		5420.88	53.07	-20.93	74	40.17	34.22	11.78	33.1	323	263	P	V
		5439.84	44.07	-9.93	54	31.09	34.24	11.84	33.1	323	263	A	V
802.11ac VHT20 CH 60 5300MHz		5010.85	52.88	-21.12	74	41.23	33.7	11.05	33.1	119	304	P	H
		5120.05	43.72	-10.28	54	31.62	33.83	11.37	33.1	119	304	A	H
	*	5300	102.41	-	-	89.78	34.07	11.66	33.1	119	304	P	H
	*	5300	95.12	-	-	82.49	34.07	11.66	33.1	119	304	A	H
		5440.8	52.54	-21.46	74	39.56	34.24	11.84	33.1	119	304	P	H
		5439.84	43.53	-10.47	54	30.55	34.24	11.84	33.1	119	304	A	H
		5006.65	53.56	-20.44	74	41.91	33.7	11.05	33.1	300	266	P	V
		5045.85	43.44	-10.56	54	31.64	33.74	11.16	33.1	300	266	A	V
	*	5300	100.92	-	-	88.29	34.07	11.66	33.1	300	266	P	V
	*	5300	93.57	-	-	80.94	34.07	11.66	33.1	300	266	A	V
		5452.08	52.9	-21.1	74	39.9	34.26	11.84	33.1	300	266	P	V
		5440.08	43.96	-10.04	54	30.98	34.24	11.84	33.1	300	266	A	V



802.11ac VHT20 CH 64 5320MHz	*	5320	102.14	-	-	89.45	34.09	11.7	33.1	132	304	P	H
	*	5320	94.66	-	-	81.97	34.09	11.7	33.1	132	304	A	H
		5450.72	53.27	-20.73	74	40.27	34.26	11.84	33.1	132	304	P	H
		5350.08	43.55	-10.45	54	30.78	34.13	11.74	33.1	132	304	A	H
	*	5320	100.76	-	-	88.07	34.09	11.7	33.1	300	262	P	V
	*	5320	94.18	-	-	81.49	34.09	11.7	33.1	300	262	A	V
		5360.48	53.48	-20.52	74	40.71	34.13	11.74	33.1	300	262	P	V
		5350.08	44.12	-9.88	54	31.35	34.13	11.74	33.1	300	262	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		10520	50.11	-23.89	74	54.26	37.11	14.65	55.91	150	220	P	H
		10520	42.13	-11.87	54	46.28	37.11	14.65	55.91	150	220	A	H
		15780	48.1	-25.9	74	46.48	41.36	16.51	56.25	159	345	P	H
		15780	40.74	-13.26	54	39.12	41.36	16.51	56.25	159	345	A	H
		10520	50.72	-23.28	74	54.87	37.11	14.65	55.91	150	220	P	V
		10520	41.05	-12.95	54	45.2	37.11	14.65	55.91	150	220	A	V
		15780	48.05	-25.95	74	46.43	41.36	16.51	56.25	149	0	P	V
		15780	41.16	-12.84	54	39.54	41.36	16.51	56.25	149	0	A	V
802.11ac VHT20 CH 60 5300MHz		10600	50.54	-23.46	74	54.65	37.16	14.67	55.94	185	215	P	H
		10600	42.67	-11.33	54	46.78	37.16	14.67	55.94	185	215	A	H
		15900	48.59	-25.41	74	46.36	41.65	16.59	56.01	148	0	P	H
		15900	42.33	-11.67	54	40.1	41.65	16.59	56.01	148	0	A	H
		10600	50.31	-23.69	74	54.42	37.16	14.67	55.94	185	215	P	V
		10600	41.76	-12.24	54	45.87	37.16	14.67	55.94	185	215	A	V
		15900	48.8	-25.2	74	46.57	41.65	16.59	56.01	149	0	P	V
		15900	41.97	-12.03	54	39.74	41.65	16.59	56.01	149	0	A	V
802.11ac VHT20 CH 64 5320MHz		10640	50.67	-23.33	74	54.77	37.18	14.68	55.96	152	135	P	H
		10640	41.39	-12.61	54	45.49	37.18	14.68	55.96	152	135	A	H
		15960	48.38	-25.62	74	45.79	41.82	16.64	55.87	149	0	P	H
		15960	42.2	-11.8	54	39.61	41.82	16.64	55.87	149	0	A	H
		10640	49.89	-24.11	74	53.99	37.18	14.68	55.96	152	135	P	V
		10640	41.77	-12.23	54	45.87	37.18	14.68	55.96	152	135	A	V
		15960	48.44	-25.56	74	45.85	41.82	16.64	55.87	149	0	P	V
		15960	42.38	-11.62	54	39.79	41.82	16.64	55.87	149	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		5059.8	50.6	-23.4	74	38.78	33.76	11.16	33.1	104	300	P	H
		5119.86	41.82	-12.18	54	29.72	33.83	11.37	33.1	104	300	A	H
	*	5270	95.98	-	-	83.44	34.02	11.62	33.1	104	300	P	H
	*	5270	89.92	-	-	77.38	34.02	11.62	33.1	104	300	A	H
		5425.44	50.75	-23.25	74	37.85	34.22	11.78	33.1	104	300	P	H
		5371.44	41.55	-12.45	54	28.76	34.15	11.74	33.1	104	300	A	H
		5035.36	50.14	-23.86	74	38.47	33.72	11.05	33.1	361	273	P	V
		5146.12	41.26	-12.74	54	29.12	33.87	11.37	33.1	361	273	A	V
	*	5270	93.69	-	-	81.15	34.02	11.62	33.1	361	273	P	V
	*	5270	88.16	-	-	75.62	34.02	11.62	33.1	361	273	A	V
		5375.76	50.96	-23.04	74	38.17	34.15	11.74	33.1	361	273	P	V
		5418.96	41.78	-12.22	54	28.88	34.22	11.78	33.1	361	273	A	V
802.11ac VHT40 CH 62 5310MHz		5145.6	50.97	-23.03	74	38.83	33.87	11.37	33.1	141	310	P	H
		5120.05	42.41	-11.59	54	30.31	33.83	11.37	33.1	141	310	A	H
	*	5310	98.16	-	-	85.47	34.09	11.7	33.1	141	310	P	H
	*	5310	90.65	-	-	77.96	34.09	11.7	33.1	141	310	A	H
		5351.04	53.89	-20.11	74	41.12	34.13	11.74	33.1	141	310	P	H
		5350.08	45.74	-8.26	54	32.97	34.13	11.74	33.1	141	310	A	H
		5063.35	49.57	-24.43	74	37.75	33.76	11.16	33.1	355	269	P	V
		5149.8	41.3	-12.7	54	29.16	33.87	11.37	33.1	355	269	A	V
	*	5310	95.52	-	-	82.83	34.09	11.7	33.1	355	269	P	V
	*	5310	89.2	-	-	76.51	34.09	11.7	33.1	355	269	A	V
		5350.56	55.69	-18.31	74	42.92	34.13	11.74	33.1	355	269	P	V
		5350.08	45.24	-8.76	54	32.47	34.13	11.74	33.1	355	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		10540	50.1	-23.9	74	54.24	37.12	14.66	55.92	145	276	P	H
		10540	41.5	-12.5	54	45.64	37.12	14.66	55.92	145	276	A	H
		15810	52.48	-21.52	74	50.69	41.44	16.53	56.18	173	286	P	H
		15810	43.33	-10.67	54	41.54	41.44	16.53	56.18	173	286	A	H
		10540	49.12	-24.88	74	53.26	37.12	14.66	55.92	160	253	P	V
		10540	40.45	-33.55	74	44.59	37.12	14.66	55.92	160	253	P	V
		15810	53.7	-20.3	74	51.91	41.44	16.53	56.18	168	345	P	V
		15810	44.69	-9.31	54	42.9	41.44	16.53	56.18	168	345	A	V
802.11ac VHT40 CH 62 5310MHz		10620	49.18	-24.82	74	53.28	37.17	14.68	55.95	140	296	P	H
		10620	39.79	-14.21	54	43.89	37.17	14.68	55.95	140	296	A	H
		15930	53.74	-20.26	74	51.33	41.73	16.62	55.94	125	236	P	H
		15930	45.19	-8.81	54	42.78	41.73	16.62	55.94	125	236	A	H
		10620	50.2	-23.8	74	54.3	37.17	14.68	55.95	159	268	P	V
		10620	41.46	-12.54	54	45.56	37.17	14.68	55.95	159	268	A	V
		15930	53.83	-20.17	74	51.42	41.73	16.62	55.94	156	263	P	V
		15930	44.98	-9.02	54	42.57	41.73	16.62	55.94	156	263	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5143.52	51.06	-22.94	74	38.92	33.87	11.37	33.1	167	305	P	H
		5146.12	42.51	-11.49	54	30.37	33.87	11.37	33.1	167	305	A	H
	*	5290	95.31	-	-	82.7	34.05	11.66	33.1	167	305	P	H
	*	5290	87.76	-	-	75.15	34.05	11.66	33.1	167	305	A	H
		5353.2	57.15	-16.85	74	44.38	34.13	11.74	33.1	167	305	P	H
		5350.32	47.97	-6.03	54	35.2	34.13	11.74	33.1	167	305	A	H
		5125.32	50.83	-23.17	74	38.71	33.85	11.37	33.1	313	269	P	V
		5148.98	41.63	-12.37	54	29.49	33.87	11.37	33.1	313	269	A	V
	*	5290	92.57	-	-	79.96	34.05	11.66	33.1	313	269	P	V
	*	5290	86.12	-	-	73.51	34.05	11.66	33.1	313	269	A	V
		5364.24	58.39	-15.61	74	45.6	34.15	11.74	33.1	313	269	P	V
		5350.08	47.77	-6.23	54	35	34.13	11.74	33.1	313	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	49.02	-24.98	74	53.14	37.15	14.67	55.94	150	220	P	H
		10580	41.07	-12.93	54	45.19	37.15	14.67	55.94	150	220	A	H
		15870	53.31	-20.69	74	51.18	41.61	16.56	56.04	168	345	P	H
		15870	45.29	-8.71	54	43.16	41.61	16.56	56.04	168	345	A	H
		10580	49.37	-24.63	74	53.49	37.15	14.67	55.94	150	220	P	V
		10580	41.24	-12.76	54	45.36	37.15	14.67	55.94	150	220	A	V
		15870	53.95	-20.05	74	51.82	41.61	16.56	56.04	168	345	P	V
		15870	45.25	-8.75	54	43.12	41.61	16.56	56.04	168	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5463.92	53.25	-20.75	74	40.23	34.28	11.84	33.1	148	307	P	H
		5469.2	44.01	-9.99	54	30.93	34.28	11.9	33.1	148	307	A	H
	*	5500	102.89	-	-	89.76	34.33	11.9	33.1	148	307	P	H
	*	5500	95.55	-	-	82.42	34.33	11.9	33.1	148	307	A	H
		5468.56	51.18	-22.82	74	38.1	34.28	11.9	33.1	142	173	P	V
		5468.56	41.77	-12.23	54	28.69	34.28	11.9	33.1	142	173	A	V
	*	5500	96.41	-	-	83.28	34.33	11.9	33.1	142	173	P	V
	*	5500	89.18	-	-	76.05	34.33	11.9	33.1	142	173	A	V
802.11a CH 116 5580MHz		5355.28	51.25	-22.75	74	38.48	34.13	11.74	33.1	120	306	P	H
		5440	42.8	-11.2	54	29.82	34.24	11.84	33.1	120	306	A	H
	*	5580	102.47	-	-	89.13	34.41	12.03	33.1	120	306	P	H
	*	5580	95.2	-	-	81.86	34.41	12.03	33.1	120	306	A	H
		5747.99	52.25	-21.75	74	38.25	34.45	12.65	33.1	120	306	P	H
		5729.41	43.31	-10.69	54	29.44	34.46	12.51	33.1	120	306	A	H
		5385.76	51.31	-22.69	74	38.49	34.18	11.74	33.1	315	259	P	V
		5440	42	-12	54	29.02	34.24	11.84	33.1	315	259	A	V
	*	5580	100.53	-	-	87.19	34.41	12.03	33.1	315	259	P	V
	*	5580	93.7	-	-	80.36	34.41	12.03	33.1	315	259	A	V
		5763.74	51.55	-22.45	74	37.55	34.45	12.65	33.1	315	259	P	V
		5731.61	42.54	-11.46	54	28.67	34.46	12.51	33.1	315	259	A	V



802.11a CH 140 5700MHz	*	5700	102.37	-	-	88.48	34.48	12.51	33.1	124	304	P	H
	*	5700	95.9	-	-	82.01	34.48	12.51	33.1	124	304	A	H
		5726.36	54.03	-19.97	74	40.16	34.46	12.51	33.1	124	304	P	H
		5725.8	44.74	-9.26	54	30.87	34.46	12.51	33.1	124	304	A	H
	*	5700	100.3	-	-	86.41	34.48	12.51	33.1	315	259	P	V
	*	5700	93.99	-	-	80.1	34.48	12.51	33.1	315	259	A	V
		5726.12	53.34	-20.66	74	39.47	34.46	12.51	33.1	315	259	P	V
		5726.36	44.85	-9.15	54	30.98	34.46	12.51	33.1	315	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.06	-24.94	74	53	37.4	14.76	56.1	163	230	P	H
		11000	40.83	-13.17	54	44.77	37.4	14.76	56.1	163	230	A	H
		16500	54.01	-19.99	74	49.59	43.27	17.2	56.05	178	296	P	H
		16500	46.01	-7.99	54	41.59	43.27	17.2	56.05	178	296	A	H
		11000	49.18	-24.82	74	53.12	37.4	14.76	56.1	163	230	P	V
		11000	40.82	-13.18	54	44.76	37.4	14.76	56.1	163	230	A	V
		16500	53.92	-20.08	74	49.5	43.27	17.2	56.05	178	296	P	V
		16500	46.31	-7.69	54	41.89	43.27	17.2	56.05	178	296	A	V
802.11a CH 116 5580MHz		11160	50.46	-23.54	74	54	37.5	14.81	55.85	170	200	P	H
		11160	42.34	-11.66	54	45.88	37.5	14.81	55.85	170	200	A	H
		16740	53.51	-20.49	74	48.26	43.91	17.51	56.17	156	350	P	H
		16740	46.13	-7.87	54	40.88	43.91	17.51	56.17	156	350	A	H
		11160	50.4	-23.6	74	53.94	37.5	14.81	55.85	170	200	P	V
		11160	42.69	-11.31	54	46.23	37.5	14.81	55.85	170	200	A	V
		16740	54.57	-19.43	74	49.32	43.91	17.51	56.17	156	350	P	V
		16740	46.46	-7.54	54	41.21	43.91	17.51	56.17	156	350	A	V
802.11a CH 140 5700MHz		11400	50.6	-23.4	74	53.59	37.64	14.86	55.49	157	285	P	H
		11400	41.9	-12.1	54	44.89	37.64	14.86	55.49	157	285	A	H
		17100	55.06	-18.94	74	49.24	44.29	17.91	56.38	149	0	P	H
		17100	47.49	-6.51	54	41.67	44.29	17.91	56.38	149	0	A	H
		11400	50.71	-23.29	74	53.7	37.64	14.86	55.49	157	285	P	V
		11400	41.8	-12.2	54	44.79	37.64	14.86	55.49	157	285	A	V
		17100	55.33	-18.67	74	49.51	44.29	17.91	56.38	149	0	P	V
		17100	47.75	-6.25	54	41.93	44.29	17.91	56.38	149	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5371.12	51.09	-22.91	74	38.3	34.15	11.74	33.1	173	305	P	H
		5470	41.86	-12.14	54	28.78	34.28	11.9	33.1	173	305	A	H
	*	5500	100.74	-	-	87.61	34.33	11.9	33.1	173	305	P	H
	*	5500	93.49	-	-	80.36	34.33	11.9	33.1	173	305	A	H
		5462	51.83	-22.17	74	38.83	34.26	11.84	33.1	315	259	P	V
		5470	42.68	-11.32	54	29.6	34.28	11.9	33.1	315	259	A	V
	*	5500	98.72	-	-	85.59	34.33	11.9	33.1	315	259	P	V
	*	5500	92.66	-	-	79.53	34.33	11.9	33.1	315	259	A	V
802.11ac VHT20 CH 116 5580MHz		5401.84	51.68	-22.32	74	38.8	34.2	11.78	33.1	120	305	P	H
		5440	41.82	-12.18	54	28.84	34.24	11.84	33.1	120	305	A	H
	*	5580	100.73	-	-	87.39	34.41	12.03	33.1	120	305	P	H
	*	5580	93.51	-	-	80.17	34.41	12.03	33.1	120	305	A	H
		5739.17	52.29	-21.71	74	38.29	34.45	12.65	33.1	120	305	P	H
		5726.25	42.38	-11.62	54	28.51	34.46	12.51	33.1	120	305	A	H
		5406.4	50.69	-23.31	74	37.81	34.2	11.78	33.1	321	256	P	V
		5440	41.82	-12.18	54	28.84	34.24	11.84	33.1	321	256	A	V
	*	5580	99.14	-	-	85.8	34.41	12.03	33.1	321	256	P	V
	*	5580	92.66	-	-	79.32	34.41	12.03	33.1	321	256	A	V
		5754.60	51.85	-22.15	74	37.85	34.45	12.65	33.1	321	256	P	V
		5734.44	42.41	-11.59	54	28.54	34.46	12.51	33.1	321	256	A	V



802.11ac VHT20 CH 140 5700MHz	*	5700	100.64	-	-	86.75	34.48	12.51	33.1	148	303	P	H
	*	5700	94.1	-	-	80.21	34.48	12.51	33.1	148	303	A	H
		5727.24	53.08	-20.92	74	39.21	34.46	12.51	33.1	148	303	P	H
		5725	43.85	-10.15	54	29.98	34.46	12.51	33.1	148	303	A	H
	*	5700	97.79	-	-	83.9	34.48	12.51	33.1	310	261	P	V
	*	5700	91.78	-	-	77.89	34.48	12.51	33.1	310	261	A	V
		5753.4	53.4	-20.6	74	39.4	34.45	12.65	33.1	310	261	P	V
		5725	43.65	-10.35	54	29.78	34.46	12.51	33.1	310	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		11000	49.44	-24.56	74	53.38	37.4	14.76	56.1	145	218	P	H
		11000	40.33	-13.67	54	44.27	37.4	14.76	56.1	145	218	A	H
		16500	55.79	-18.21	74	51.37	43.27	17.2	56.05	165	268	P	H
		16500	45.9	-8.1	54	41.48	43.27	17.2	56.05	165	268	A	H
		11000	50.1	-23.9	74	54.04	37.4	14.76	56.1	163	230	P	V
		11000	41.29	-12.71	54	45.23	37.4	14.76	56.1	163	230	A	V
		16500	55.02	-18.98	74	50.6	43.27	17.2	56.05	178	296	P	V
		16500	45.44	-8.56	54	41.02	43.27	17.2	56.05	178	296	A	V
802.11ac VHT20 CH 116 5580MHz		11160	49.29	-24.71	74	52.83	37.5	14.81	55.85	108	230	P	H
		11160	40.15	-13.85	54	43.69	37.5	14.81	55.85	108	230	A	H
		16740	54.88	-19.12	74	49.63	43.91	17.51	56.17	253	327	P	H
		16740	46.11	-7.89	54	40.86	43.91	17.51	56.17	253	327	A	H
		11160	50.36	-23.64	74	53.9	37.5	14.81	55.85	170	224	P	V
		11160	40.91	-13.09	54	44.45	37.5	14.81	55.85	170	224	A	V
		16740	55.37	-18.63	74	50.12	43.91	17.51	56.17	156	325	P	V
		16740	45.96	-8.04	54	40.71	43.91	17.51	56.17	156	325	A	V
802.11ac VHT20 CH 140 5700MHz		11400	50.98	-23.02	74	53.97	37.64	14.86	55.49	157	285	P	H
		11400	41.87	-12.13	54	44.86	37.64	14.86	55.49	157	285	A	H
		17100	54.91	-19.09	74	49.09	44.29	17.91	56.38	165	246	P	H
		17100	45.98	-8.02	54	40.16	44.29	17.91	56.38	165	246	A	H
		11400	50.01	-23.99	74	53	37.64	14.86	55.49	168	256	P	V
		11400	40.88	-13.12	54	43.87	37.64	14.86	55.49	168	256	A	V
		17100	55.22	-18.78	74	49.4	44.29	17.91	56.38	145	280	P	V
		17100	46.54	-7.46	54	40.72	44.29	17.91	56.38	145	280	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		5467.36	52.68	-21.32	74	39.6	34.28	11.9	33.1	142	308	P	H
		5469.76	44.04	-9.96	54	30.96	34.28	11.9	33.1	142	308	A	H
	*	5510	95.19	-	-	81.99	34.33	11.97	33.1	142	308	P	H
	*	5510	88.44	-	-	75.24	34.33	11.97	33.1	142	308	A	H
		5754.92	51.72	-22.28	74	37.72	34.45	12.65	33.1	142	308	P	H
		5730.35	42.93	-11.07	54	29.06	34.46	12.51	33.1	142	308	A	H
		5469.52	52.85	-21.15	74	39.77	34.28	11.9	33.1	351	265	P	V
		5469.76	44.31	-9.69	54	31.23	34.28	11.9	33.1	351	265	A	V
	*	5510	96.29	-	-	83.09	34.33	11.97	33.1	351	265	P	V
	*	5510	89.34	-	-	76.14	34.33	11.97	33.1	351	265	A	V
		5760.27	51.59	-22.41	74	37.59	34.45	12.65	33.1	351	265	P	V
		5760.90	42.8	-11.2	54	28.8	34.45	12.65	33.1	351	265	A	V
802.11ac VHT40 CH 110 5550MHz		5422	51.19	-22.81	74	38.29	34.22	11.78	33.1	134	309	P	H
		5440	42.25	-11.75	54	29.27	34.24	11.84	33.1	134	309	A	H
	*	5550	94.98	-	-	81.66	34.39	12.03	33.1	134	309	P	H
	*	5550	88.3	-	-	74.98	34.39	12.03	33.1	134	309	A	H
		5762.48	51.23	-22.77	74	37.23	34.45	12.65	33.1	134	309	P	H
		5742.63	42.84	-11.16	54	28.84	34.45	12.65	33.1	134	309	A	H
		5447.2	50.31	-23.69	74	37.31	34.26	11.84	33.1	329	263	P	V
		5439.76	42.51	-11.49	54	29.53	34.24	11.84	33.1	329	263	A	V
	*	5550	96.41	-	-	83.09	34.39	12.03	33.1	329	263	P	V
	*	5550	89.28	-	-	75.96	34.39	12.03	33.1	329	263	A	V
		5759.33	52.08	-21.92	74	38.08	34.45	12.65	33.1	329	263	P	V
		5736.96	42.85	-11.15	54	28.99	34.45	12.51	33.1	329	263	A	V



802.11ac VHT40 CH 134 5670MHz		5424.2	50.56	-23.44	74	37.66	34.22	11.78	33.1	153	305	P	H
		5439.6	42.09	-11.91	54	29.11	34.24	11.84	33.1	153	305	A	H
	*	5670	96.47	-	-	82.72	34.48	12.37	33.1	153	305	P	H
	*	5670	89.19	-	-	75.44	34.48	12.37	33.1	153	305	A	H
		5729.82	51.93	-22.07	74	38.06	34.46	12.51	33.1	153	305	P	H
		5756.6	43.39	-10.61	54	29.39	34.45	12.65	33.1	153	305	A	H
		5355.95	50.64	-23.36	74	37.87	34.13	11.74	33.1	314	260	P	V
		5439.95	42.28	-11.72	54	29.3	34.24	11.84	33.1	314	260	A	V
	*	5670	95.83	-	-	82.08	34.48	12.37	33.1	314	260	P	V
	*	5670	88.69	-	-	74.94	34.48	12.37	33.1	314	260	A	V
		5727.9	52.25	-21.75	74	38.38	34.46	12.51	33.1	314	260	P	V
		5730.525	43.29	-10.71	54	29.42	34.46	12.51	33.1	314	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		11020	48.52	-25.48	74	52.41	37.41	14.77	56.07	148	230	P	H
		11020	39.35	-14.65	54	43.24	37.41	14.77	56.07	148	230	A	H
		16530	55.76	-18.24	74	51.22	43.36	17.25	56.07	138	245	P	H
		16530	46.29	-7.71	54	41.75	43.36	17.25	56.07	138	245	A	H
		11020	49.75	-24.25	74	53.64	37.41	14.77	56.07	173	248	P	V
		11020	40.66	-13.34	54	44.55	37.41	14.77	56.07	173	248	A	V
		16530	55.4	-18.6	74	50.86	43.36	17.25	56.07	160	175	P	V
		16530	45.59	-8.41	54	41.05	43.36	17.25	56.07	160	175	A	V
802.11ac VHT40 CH 110 5550MHz		11100	49.86	-24.14	74	53.56	37.46	14.79	55.95	150	145	P	H
		11100	41.05	-12.95	54	44.75	37.46	14.79	55.95	150	145	A	H
		16650	54.36	-19.64	74	49.43	43.68	17.38	56.13	180	236	P	H
		16650	45.71	-8.29	54	40.78	43.68	17.38	56.13	180	236	A	H
		11100	49.45	-24.55	74	53.15	37.46	14.79	55.95	173	220	P	V
		11100	40.33	-13.67	54	44.03	37.46	14.79	55.95	173	220	A	V
		16650	55.31	-18.69	74	50.38	43.68	17.38	56.13	148	225	P	V
		16650	45.15	-8.85	54	40.22	43.68	17.38	56.13	148	225	A	V
802.11ac VHT40 CH 134 5670MHz		11340	50.82	-23.18	74	53.97	37.6	14.84	55.59	162	263	P	H
		11340	41.39	-12.61	54	44.54	37.6	14.84	55.59	162	253	A	H
		17010	54.73	-19.27	74	48.67	44.55	17.82	56.31	175	256	P	H
		17010	47.11	-6.89	54	41.05	44.55	17.82	56.31	175	256	A	H
		11340	50.58	-23.42	74	53.73	37.6	14.84	55.59	162	268	P	V
		11340	41.54	-12.46	54	44.69	37.6	14.84	55.59	162	268	A	V
		17010	55.08	-18.92	74	49.02	44.55	17.82	56.31	183	156	P	V
		17010	46.59	-7.41	54	40.53	44.55	17.82	56.31	183	156	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5470	54.55	-19.45	74	41.47	34.28	11.9	33.1	117	306	P	H
		5470	46.2	-7.8	54	33.12	34.28	11.9	33.1	117	306	A	H
	*	5530	93.27	-	-	80.05	34.35	11.97	33.1	117	306	P	H
	*	5530	85.43	-	-	72.21	34.35	11.97	33.1	117	306	A	H
		5737.59	51.38	-22.62	74	37.52	34.45	12.51	33.1	117	306	P	H
		5731.92	42.76	-11.24	54	28.89	34.46	12.51	33.1	117	306	A	H
		5462.56	55.13	-18.87	74	42.11	34.28	11.84	33.1	366	260	P	V
		5469.52	45.99	-8.01	54	32.91	34.28	11.9	33.1	366	260	A	V
	*	5530	94.06	-	-	80.84	34.35	11.97	33.1	366	260	P	V
	*	5530	85.84	-	-	72.62	34.35	11.97	33.1	366	260	A	V
		5749.25	52.67	-21.33	74	38.67	34.45	12.65	33.1	366	260	P	V
		5736.02	42.86	-11.14	54	29	34.45	12.51	33.1	366	260	A	V
802.11ac VHT80 CH 122 5610MHz		5441.2	51.79	-22.21	74	38.81	34.24	11.84	33.1	144	303	P	H
		5469.52	42.4	-11.6	54	29.32	34.28	11.9	33.1	144	303	A	H
	*	5610	92.95	-	-	79.5	34.46	12.09	33.1	144	303	P	H
	*	5610	85.89	-	-	72.44	34.46	12.09	33.1	144	303	A	H
		5735.25	52.09	-21.91	74	38.23	34.45	12.51	33.1	144	303	P	H
		5737.175	43.37	-10.63	54	29.51	34.45	12.51	33.1	144	303	A	H
		5380.72	52.08	-21.92	74	39.26	34.18	11.74	33.1	321	258	P	V
		5440	42.95	-11.05	54	29.97	34.24	11.84	33.1	321	258	A	V
	*	5610	95.57	-	-	82.12	34.46	12.09	33.1	321	258	P	V
	*	5610	87.57	-	-	74.12	34.46	12.09	33.1	321	258	A	V
		5745.22	54.29	-19.71	74	40.29	34.45	12.65	33.1	321	258	P	V
		5735.42	43.59	-10.41	54	29.73	34.45	12.51	33.1	321	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	48.37	-25.63	74	52.15	37.44	14.78	56	150	200	P	H
		11060	40.93	-13.07	54	44.71	37.44	14.78	56	150	200	A	H
		16590	52.99	-21.01	74	48.26	43.5	17.33	56.1	180	350	P	H
		16590	46.18	-7.82	54	41.45	43.5	17.33	56.1	180	350	A	H
		11060	48.08	-25.92	74	51.86	37.44	14.78	56	150	200	P	V
		11060	40.96	-13.04	54	44.74	37.44	14.78	56	150	200	A	V
		16590	53.24	-20.76	74	48.51	43.5	17.33	56.1	180	350	P	V
		16590	46.05	-7.95	54	41.32	43.5	17.33	56.1	180	350	A	V
802.11ac VHT80 CH 122 5610MHz		11220	49.22	-24.78	74	52.64	37.53	14.82	55.77	200	360	P	H
		11220	40.3	-13.7	54	43.72	37.53	14.82	55.77	200	360	A	H
		16830	53.66	-20.34	74	48.14	44.14	17.6	56.22	200	360	P	H
		16830	46.7	-7.3	54	41.18	44.14	17.6	56.22	200	360	A	H
		11220	50.4	-23.6	74	53.82	37.53	14.82	55.77	200	360	P	V
		11220	41.4	-12.6	54	44.82	37.53	14.82	55.77	200	360	A	V
		16830	54.96	-19.04	74	49.44	44.14	17.6	56.22	200	360	P	V
		16830	46.91	-7.09	54	41.39	44.14	17.6	56.22	200	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5632.4	52.41	-15.79	68.2	38.8	34.48	12.23	33.1	133	308	P	H
		5679.8	52.99	-37.3	90.29	39.24	34.48	12.37	33.1	133	308	P	H
		5717.8	52.17	-58.01	110.18	38.3	34.46	12.51	33.1	133	308	P	H
		5725	54.78	-67.42	122.2	40.91	34.46	12.51	33.1	133	308	P	H
	*	5745	101.78	-	-	87.78	34.45	12.65	33.1	133	308	P	H
	*	5745	95.32	-	-	81.32	34.45	12.65	33.1	133	308	A	H
		5609.4	52	-16.2	68.2	38.55	34.46	12.09	33.1	314	262	P	V
		5654.2	52.16	-19.16	71.32	38.54	34.49	12.23	33.1	314	262	P	V
		5712.6	52.7	-56.03	108.73	38.82	34.47	12.51	33.1	314	262	P	V
		5724.8	55.51	-66.23	121.74	41.64	34.46	12.51	33.1	314	262	P	V
	*	5745	102.24	-	-	88.24	34.45	12.65	33.1	314	262	P	V
	*	5745	95.56	-	-	81.56	34.45	12.65	33.1	314	262	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 157 5785MHz		5644.4	52.08	-16.12	68.2	38.45	34.5	12.23	33.1	131	306	P	H
		5697.6	52.15	-51.28	103.43	38.4	34.48	12.37	33.1	131	306	P	H
		5718.6	52.19	-58.22	110.41	38.32	34.46	12.51	33.1	131	306	P	H
		5724.2	50.82	-69.56	120.38	36.95	34.46	12.51	33.1	131	306	P	H
	*	5785	101.59	-	-	87.46	34.44	12.79	33.1	131	306	P	H
	*	5785	94.97	-	-	80.84	34.44	12.79	33.1	131	306	A	H
		5850	50.63	-71.57	122.2	36.44	34.41	12.88	33.1	131	306	P	H
		5871	51.47	-54.85	106.32	37.19	34.41	12.97	33.1	131	306	P	H
		5906.4	51.69	-30.24	81.93	37.3	34.44	13.05	33.1	131	306	P	H
		5928.2	51.64	-16.56	68.2	37.24	34.45	13.05	33.1	131	306	P	H
		5612.8	52.06	-16.14	68.2	38.61	34.46	12.09	33.1	314	262	P	V
		5654.8	51.85	-19.92	71.77	38.23	34.49	12.23	33.1	314	262	P	V
		5703	52.01	-54.03	106.04	38.13	34.47	12.51	33.1	314	262	P	V
		5722.2	50.89	-64.93	115.82	37.02	34.46	12.51	33.1	314	262	P	V
	*	5785	101.94	-	-	87.81	34.44	12.79	33.1	314	262	P	V
	*	5785	95.48	-	-	81.35	34.44	12.79	33.1	314	262	A	V
		5854.2	50.98	-61.64	112.62	36.8	34.4	12.88	33.1	314	262	P	V
		5862.8	51.86	-56.75	108.61	37.59	34.4	12.97	33.1	314	262	P	V
		5907.4	52.34	-28.85	81.19	37.95	34.44	13.05	33.1	314	262	P	V
		5939.2	52.47	-15.73	68.2	37.97	34.46	13.14	33.1	314	262	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 165 5825MHz	*	5825	101.11	-	-	86.91	34.42	12.88	33.1	131	305	P	H
	*	5825	94.65	-	-	80.45	34.42	12.88	33.1	131	305	A	H
		5850	53.14	-69.06	122.2	38.95	34.41	12.88	33.1	131	305	P	H
		5857.8	52.85	-57.16	110.01	38.58	34.4	12.97	33.1	131	305	P	H
		5900.6	52.19	-34.03	86.22	37.82	34.42	13.05	33.1	131	305	P	H
		5927.6	51.6	-16.6	68.2	37.2	34.45	13.05	33.1	131	305	P	H
	*	5825	101.58	-	-	87.38	34.42	12.88	33.1	312	264	P	V
	*	5825	95.51	-	-	81.31	34.42	12.88	33.1	312	264	A	V
		5853	53.17	-62.19	115.36	38.98	34.41	12.88	33.1	312	264	P	V
		5856.2	52.13	-58.33	110.46	37.86	34.4	12.97	33.1	312	264	P	V
		5903.6	51.74	-32.26	84	37.37	34.42	13.05	33.1	312	264	P	V
		5946.6	51.52	-16.68	68.2	37.02	34.46	13.14	33.1	312	264	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 149 5745MHz		11490	52.15	-21.85	74	54.94	37.69	14.88	55.36	160	360	P	H
		11490	43.58	-10.42	54	46.37	37.69	14.88	55.36	160	360	A	H
		17235	57.84	-10.36	68.2	52.4	43.89	18.04	56.49	170	360	P	H
		11490	53.82	-20.18	74	56.61	37.69	14.88	55.36	160	360	P	V
		11490	44.77	-9.23	54	47.56	37.69	14.88	55.36	160	360	A	V
		17235	58.28	-9.92	68.2	52.84	43.89	18.04	56.49	170	360	P	V
802.11a CH 157 5785MHz		11570	52.69	-21.31	74	55.22	37.81	14.9	55.24	175	198	P	H
		11570	43.98	-10.02	54	46.51	37.81	14.9	55.24	175	198	A	H
		17355	58.15	-10.05	68.2	53.02	43.53	18.18	56.58	189	185	P	H
		11570	52.14	-21.86	74	54.67	37.81	14.9	55.24	175	198	P	V
		11570	44.06	-9.94	54	46.59	37.81	14.9	55.24	175	198	A	V
		17355	57.85	-10.35	68.2	52.72	43.53	18.18	56.58	189	185	P	V
802.11a CH 165 5825MHz		11650	52.24	-21.76	74	54.53	37.92	14.92	55.13	156	347	P	H
		11650	44.57	-9.43	54	46.86	37.92	14.92	55.13	156	347	A	H
		17475	57.18	-11.02	68.2	52.37	43.18	18.31	56.68	150	360	P	H
		11650	52.46	-21.54	74	54.75	37.92	14.92	55.13	156	347	P	V
		11650	44.5	-9.5	54	46.79	37.92	14.92	55.13	156	347	A	V
		17475	57.7	-10.5	68.2	52.89	43.18	18.31	56.68	150	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 149 5745MHz		5616.4	51.43	-16.77	68.2	37.96	34.48	12.09	33.1	131	305	P	H
		5696.4	52.39	-50.16	102.55	38.64	34.48	12.37	33.1	131	305	P	H
		5720	51.79	-59.01	110.8	37.92	34.46	12.51	33.1	131	305	P	H
		5724.4	55.09	-65.74	120.83	41.22	34.46	12.51	33.1	131	305	P	H
	*	5745	100.14	-	-	86.14	34.45	12.65	33.1	131	305	P	H
	*	5745	93.1	-	-	79.1	34.45	12.65	33.1	131	305	A	H
		5641	51.55	-16.65	68.2	37.92	34.5	12.23	33.1	318	263	P	V
		5697.6	51.6	-51.83	103.43	37.85	34.48	12.37	33.1	318	263	P	V
		5709.2	52.81	-54.97	107.78	38.93	34.47	12.51	33.1	318	263	P	V
		5724	54.95	-64.97	119.92	41.08	34.46	12.51	33.1	318	263	P	V
	*	5745	100.47	-	-	86.47	34.45	12.65	33.1	318	263	P	V
	*	5745	93.77	-	-	79.77	34.45	12.65	33.1	318	263	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 157 5785MHz		5647.4	52.12	-16.08	68.2	38.49	34.5	12.23	33.1	131	307	P	H
		5693.4	52.13	-48.2	100.33	38.38	34.48	12.37	33.1	131	307	P	H
		5705.2	52.18	-54.48	106.66	38.3	34.47	12.51	33.1	131	307	P	H
		5723.6	52.07	-66.94	119.01	38.2	34.46	12.51	33.1	131	307	P	H
	*	5785	100.76			86.63	34.44	12.79	33.1	131	307	P	H
	*	5785	93.46			79.33	34.44	12.79	33.1	131	307	A	H
		5855	52.2	-58.6	110.8	38.02	34.4	12.88	33.1	131	307	P	H
		5855	52.2	-58.6	110.8	38.02	34.4	12.88	33.1	131	307	P	H
		5913.4	52.78	-23.98	76.76	38.39	34.44	13.05	33.1	131	307	P	H
		5939.2	51.59	-16.61	68.2	37.09	34.46	13.14	33.1	131	307	P	H
		5642.8	52.03	-16.17	68.2	38.4	34.5	12.23	33.1	322	263	P	V
		5697.6	52.98	-50.45	103.43	39.23	34.48	12.37	33.1	322	263	P	V
		5710	51.87	-56.13	108	37.99	34.47	12.51	33.1	322	263	P	V
		5724.8	51.97	-69.77	121.74	38.1	34.46	12.51	33.1	322	263	P	V
	*	5785	100.68			86.55	34.44	12.79	33.1	322	263	P	V
	*	5785	93.67			79.54	34.44	12.79	33.1	322	263	A	V
		5855	50.61	-60.19	110.8	36.43	34.4	12.88	33.1	322	263	P	V
		5873.6	52.19	-53.4	105.59	37.91	34.41	12.97	33.1	322	263	P	V
		5914.6	52.76	-23.11	75.87	38.37	34.44	13.05	33.1	322	263	P	V
		5947.4	52.39	-15.81	68.2	37.89	34.46	13.14	33.1	322	263	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 165 5825MHz	*	5825	100.26	-	-	86.06	34.42	12.88	33.1	133	306	P	H
	*	5825	93.17	-	-	78.97	34.42	12.88	33.1	133	306	A	H
		5850	53.19	-69.01	122.2	39	34.41	12.88	33.1	133	306	P	H
		5855.6	52.64	-57.99	110.63	38.37	34.4	12.97	33.1	133	306	P	H
		5880.8	52.46	-48.43	100.89	38.18	34.41	12.97	33.1	133	306	P	H
		5928.6	52.77	-15.43	68.2	38.37	34.45	13.05	33.1	133	306	P	H
	*	5825	100.88	-	-	86.68	34.42	12.88	33.1	322	263	P	V
	*	5825	93.79	-	-	79.59	34.42	12.88	33.1	322	263	A	V
		5850.4	52.93	-68.36	121.29	38.74	34.41	12.88	33.1	322	263	P	V
		5858.2	52.39	-57.51	109.9	38.12	34.4	12.97	33.1	322	263	P	V
		5877.2	52.86	-50.71	103.57	38.58	34.41	12.97	33.1	322	263	P	V
		5941.8	51.93	-16.27	68.2	37.43	34.46	13.14	33.1	322	263	P	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



Band 4 5725~5850MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 149 5745MHz		11490	52.12	-21.88	74	54.91	37.69	14.88	55.36	160	360	P	H
		11490	43.22	-10.78	54	46.01	37.69	14.88	55.36	160	360	A	H
		17232	56.6	-11.6	68.2	51.16	43.89	18.04	56.49	148	360	P	H
		11490	52.07	-21.93	74	54.86	37.69	14.88	55.36	160	360	P	V
		11490	43.44	-10.56	54	46.23	37.69	14.88	55.36	160	360	A	V
		17232	56.7	-11.5	68.2	51.26	43.89	18.04	56.49	249	147	P	V
802.11ac VHT20 CH 157 5785MHz		11570	52.14	-21.86	74	54.67	37.81	14.9	55.24	175	198	P	H
		11570	43.86	-10.14	54	46.39	37.81	14.9	55.24	175	198	A	H
		17355	57.92	-10.28	68.2	52.79	43.53	18.18	56.58	189	185	P	H
		11570	52.15	-21.85	74	54.68	37.81	14.9	55.24	175	198	P	V
		11570	43.94	-10.06	54	46.47	37.81	14.9	55.24	175	198	A	V
		17355	57.54	-10.66	68.2	52.41	43.53	18.18	56.58	189	185	P	V
802.11ac VHT20 CH 165 5825MHz		11650	52.72	-21.28	74	55.01	37.92	14.92	55.13	156	347	P	H
		11650	43.84	-10.16	54	46.13	37.92	14.92	55.13	156	347	A	H
		17475	56.95	-11.25	68.2	52.14	43.18	18.31	56.68	150	360	P	H
		11650	53.22	-20.78	74	55.51	37.92	14.92	55.13	156	347	P	V
		11650	44.17	-9.83	54	46.46	37.92	14.92	55.13	156	347	A	V
		17475	57.89	-10.31	68.2	53.08	43.18	18.31	56.68	150	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 151 5755MHz		5604	51.6	-16.6	68.2	38.15	34.46	12.09	33.1	136	308	P	H
		5671.8	52.07	-32.3	84.37	38.32	34.48	12.37	33.1	136	308	P	H
		5717.6	53.39	-56.74	110.13	39.52	34.46	12.51	33.1	136	308	P	H
		5724	55.39	-64.53	119.92	41.52	34.46	12.51	33.1	136	308	P	H
	*	5755	97.48	-	-	83.48	34.45	12.65	33.1	136	308	P	H
	*	5755	89.64	-	-	75.64	34.45	12.65	33.1	136	308	A	H
		5854.4	50.7	-61.47	112.17	36.52	34.4	12.88	33.1	136	308	P	H
		5866	53.5	-54.22	107.72	39.23	34.4	12.97	33.1	136	308	P	H
		5905.2	52.29	-30.52	82.81	37.9	34.44	13.05	33.1	136	308	P	H
		5947.8	52.19	-16.01	68.2	37.69	34.46	13.14	33.1	136	308	P	H
		5612	51.86	-16.34	68.2	38.41	34.46	12.09	33.1	318	264	P	V
		5677.2	52.14	-36.23	88.37	38.39	34.48	12.37	33.1	318	264	P	V
		5719.6	53.58	-57.11	110.69	39.71	34.46	12.51	33.1	318	264	P	V
		5722.2	54.87	-60.95	115.82	41	34.46	12.51	33.1	318	264	P	V
	*	5755	98.06	-	-	84.06	34.45	12.65	33.1	318	264	P	V
	*	5755	90.12	-	-	76.12	34.45	12.65	33.1	318	264	A	V
		5851.2	51.63	-67.83	119.46	37.44	34.41	12.88	33.1	318	264	P	V
		5867	51.24	-56.2	107.44	36.97	34.4	12.97	33.1	318	264	P	V
		5909.6	52.4	-27.16	79.56	38.01	34.44	13.05	33.1	318	264	P	V
		5948.4	52.62	-15.58	68.2	38.12	34.46	13.14	33.1	318	264	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 159 5795MHz		5609.8	51.46	-16.74	68.2	38.01	34.46	12.09	33.1	128	305	P	H
		5682.6	51.66	-40.7	92.36	37.91	34.48	12.37	33.1	128	305	P	H
		5709.2	51.45	-56.33	107.78	37.57	34.47	12.51	33.1	128	305	P	H
		5721	51.08	-62	113.08	37.21	34.46	12.51	33.1	128	305	P	H
	*	5795	97.05	-	-	82.93	34.43	12.79	33.1	128	305	P	H
	*	5795	89.1	-	-	74.98	34.43	12.79	33.1	128	305	A	H
		5851.8	51.45	-66.65	118.1	37.26	34.41	12.88	33.1	128	305	P	H
		5868	51.55	-55.61	107.16	37.28	34.4	12.97	33.1	128	305	P	H
		5906.8	52.15	-29.48	81.63	37.76	34.44	13.05	33.1	128	305	P	H
		5949.4	53.54	-14.66	68.2	39.04	34.46	13.14	33.1	128	305	P	H
		5644.6	52.42	-15.78	68.2	38.79	34.5	12.23	33.1	301	263	P	V
		5690.8	51.39	-47.03	98.42	37.64	34.48	12.37	33.1	301	263	P	V
		5704	51.38	-54.94	106.32	37.5	34.47	12.51	33.1	301	263	P	V
		5720	50.37	-60.43	110.8	36.5	34.46	12.51	33.1	301	263	P	V
	*	5795	97.86	-	-	83.74	34.43	12.79	33.1	301	263	P	V
	*	5795	90.01	-	-	75.89	34.43	12.79	33.1	301	263	A	V
		5851.4	51.4	-67.61	119.01	37.21	34.41	12.88	33.1	301	263	P	V
		5860	51.63	-57.77	109.4	37.36	34.4	12.97	33.1	301	263	P	V
		5918	52.08	-21.28	73.36	37.69	34.44	13.05	33.1	301	263	P	V
		5947.8	52.22	-15.98	68.2	37.72	34.46	13.14	33.1	301	263	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 151 5755MHz		11510	52.56	-21.44	74	55.32	37.7	14.88	55.34	160	360	P	H
		11510	44.11	-9.89	54	46.87	37.7	14.88	55.34	160	360	A	H
		17265	57.33	-10.87	68.2	51.97	43.79	18.09	56.52	170	360	P	H
		11510	52.74	-21.26	74	55.5	37.7	14.88	55.34	160	360	P	V
		11510	43.59	-10.41	54	46.35	37.7	14.88	55.34	160	360	A	V
		17265	57.83	-10.37	68.2	52.47	43.79	18.09	56.52	170	360	P	V
802.11ac VHT40 CH 159 5795MHz		11590	52.17	-21.83	74	54.63	37.84	14.91	55.21	170	300	P	H
		11590	43.51	-10.49	54	45.97	37.84	14.91	55.21	170	300	A	H
		17385	56.24	-11.96	68.2	51.2	43.43	18.22	56.61	150	200	P	H
		11590	52.16	-21.84	74	54.62	37.84	14.91	55.21	170	300	P	V
		11590	43.67	-10.33	54	46.13	37.84	14.91	55.21	170	300	A	V
		17385	55.76	-12.44	68.2	50.72	43.43	18.22	56.61	150	200	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 155 5775MHz		5610.4	51.59	-16.61	68.2	38.14	34.46	12.09	33.1	129	307	P	H
		5695.8	53.44	-48.66	102.1	39.69	34.48	12.37	33.1	129	307	P	H
		5720	54.61	-56.19	110.8	40.74	34.46	12.51	33.1	129	307	P	H
		5720.8	56.04	-56.58	112.62	42.17	34.46	12.51	33.1	129	307	P	H
	*	5775	94.15	-	-	80.16	34.44	12.65	33.1	129	307	P	H
	*	5775	86.11	-	-	72.12	34.44	12.65	33.1	129	307	A	H
		5852.4	51.86	-64.87	116.73	37.67	34.41	12.88	33.1	129	307	P	H
		5861.4	51.93	-57.08	109.01	37.66	34.4	12.97	33.1	129	307	P	H
		5907	52.32	-29.16	81.48	37.93	34.44	13.05	33.1	129	307	P	H
		5944.6	52.58	-15.62	68.2	38.08	34.46	13.14	33.1	129	307	P	H
		5648	52.69	-15.51	68.2	39.06	34.5	12.23	33.1	314	265	P	V
		5695.6	53.06	-48.9	101.96	39.31	34.48	12.37	33.1	314	265	P	V
		5700.2	53.7	-51.56	105.26	39.81	34.48	12.51	33.1	314	265	P	V
		5720.8	55.27	-57.35	112.62	41.4	34.46	12.51	33.1	314	265	P	V
	*	5775	94.72	-	-	80.73	34.44	12.65	33.1	314	265	P	V
	*	5775	86.64	-	-	72.65	34.44	12.65	33.1	314	265	A	V
		5850	53.02	-69.18	122.2	38.83	34.41	12.88	33.1	314	265	P	V
		5860	52.23	-57.17	109.4	37.96	34.4	12.97	33.1	314	265	P	V
		5895.4	53.52	-36.55	90.07	39.15	34.42	13.05	33.1	314	265	P	V
		5949	52.91	-15.29	68.2	38.41	34.46	13.14	33.1	314	265	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 155 5775MHz		11550	52.28	-21.72	74	54.86	37.78	14.9	55.26	160	360	P	H
		11550	43.86	-10.14	54	46.44	37.78	14.9	55.26	160	360	A	H
		17325	57.43	-10.77	68.2	52.18	43.63	18.18	56.56	170	360	P	H
		11550	52.31	-21.69	74	54.89	37.78	14.9	55.26	160	360	P	V
		11550	43.96	-10.04	54	46.54	37.78	14.9	55.26	160	360	A	V
		17328	56.17	-12.03	68.2	50.92	43.63	18.18	56.56	249	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission 30MHz~1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.1 11ac VHT80 CH 58 LF		30	23.64	-16.36	40	30.71	24.3	0.23	31.6			P	H
		162.89	24.68	-18.82	43.5	38.74	15.89	1.39	31.34			P	H
		191.02	25.56	-17.94	43.5	39.82	15.42	1.56	31.24			P	H
		311.3	28.23	-17.77	46	37.76	19.49	2.08	31.1			P	H
		581.93	28.9	-17.1	46	32.67	24.48	2.95	31.2			P	H
		911.73	31.21	-14.79	46	31.89	26.77	3.85	31.3	130	244	P	H
		30	26.81	-13.19	40	33.88	24.3	0.23	31.6	100	210	P	V
		55.22	24.71	-15.29	40	42.71	13.1	0.5	31.6			P	V
		162.89	21.11	-22.39	43.5	35.17	15.89	1.39	31.34			P	V
		266.68	22.15	-23.85	46	31.64	19.63	1.92	31.04			P	V
		610.06	29.65	-16.35	46	33.07	24.74	3.04	31.2			P	V
		937.92	31.35	-14.65	46	31.81	26.93	3.91	31.3			P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission 9KHz~30MHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(P/A)	(H/V)
802.1 11ac VHT80 CH 58 LF		0.009	50.94	-77.58	128.52	29.89	21	0.05	Average	H
		0.06243	39.14	-72.56	111.7	18.58	20.5	0.06	Average	H
		0.09561	35.3	-72.69	107.99	14.53	20.7	0.07	QP	H
		0.12879	37.31	-68.1	105.41	16.63	20.6	0.08	Average	H
		0.1944	48.88	-52.95	101.83	28.46	20.31	0.11	Average	H
		2.306	37.38	-32.62	70	16.66	20.53	0.19	QP	H
		12.968	35.46	-34.54	70	15.51	19.51	0.44	QP	H
		19.033	35.01	-34.99	70	14.99	19.5	0.52	QP	H
		27.355	35.08	-34.92	70	14.99	19.46	0.63	QP	H
		50.07	-78.3	128.37	29.02	21	0.05	50.07	Average	V
		40.11	-70.68	110.79	19.55	20.5	0.06	40.11	Average	V
		35.53	-72.13	107.66	14.76	20.7	0.07	35.53	QP	V
		35.82	-69.6	105.42	15.14	20.6	0.08	35.82	Average	V
		46.88	-54.87	101.75	26.46	20.31	0.11	46.88	Average	V
		36.87	-33.13	70	16.21	20.37	0.29	36.87	QP	V
		36.11	-33.89	70	15.44	20.26	0.41	36.11	QP	V
		34.95	-35.05	70	15.15	19.25	0.55	34.95	QP	V
		36.38	-33.62	70	16.14	19.57	0.67	36.38	QP	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.									



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



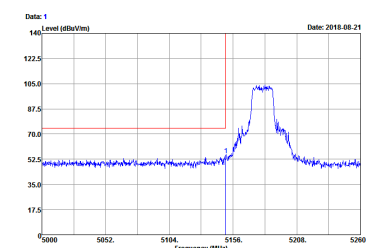
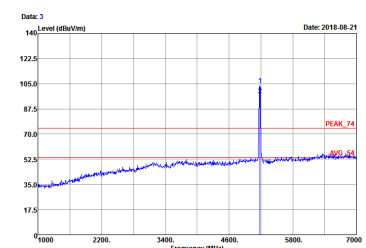
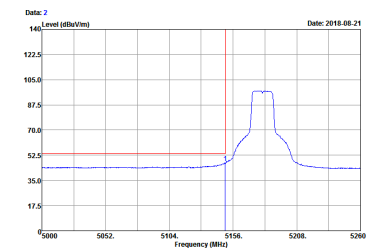
Appendix B. Radiated Spurious Emission

Note symbol

-L	Low channel location
-R	High channel location



Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 83CH81-52 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL R8011000.0000Hz VSW:3000.0000Hz Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14 	Site : 83CH81-52 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL R8011000.0000Hz VSW:3000.0000Hz Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14 
Avg.	Site : 83CH81-52 Condition : AVG_85 3m HF_ANT(3117)_119436 HORIZONTAL R8011000.0000Hz VSW:1.0000Hz Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14 	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	Vertical Date: 4 Level (dBuV/m) Date: 2018-08-21 Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : GH Power setting 14	Fundamental Date: 6 Level (dBuV/m) Date: 2018-08-21 Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : GH Power setting 14
Avg.	Vertical Date: 5 Level (dBuV/m) Date: 2018-08-21 Site : 83CH01-S2 Condition : AVG_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : GH Power setting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.000KHz VBW:3000.000KHz Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Date: 3 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.000KHz VBW:3000.000KHz Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : AVG_85_54 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Left blank

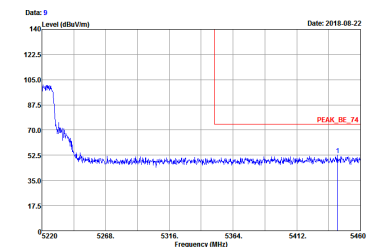
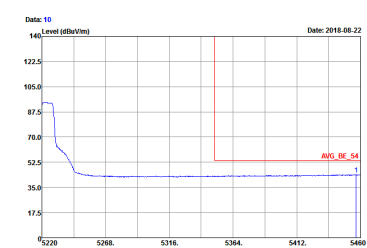


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5220 5268 5316 5364 5412 5460 Level (dBuV/m) Frequency (MHz) PEAK_RE_74 Site : #3CH01-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BNA:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 2 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank
Avg.	Date: 5 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5220 5268 5316 5364 5412 5460 Level (dBuV/m) Frequency (MHz) AVG_RE_54 Site : #3CH01-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BNA:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 2 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Peak Site : #3C801-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Site : #3C801-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14
Avg.	Avg. Site : #3C801-S2 Condition : AVG_85_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 2 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : #3C081-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 2 IMEI : 869823030011943/869823030013895 Plane : X with Accessory : GR Power setting 14	Left blank
Avg.	 Site : #3C081-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 2 IMEI : 869823030011943/869823030013895 Plane : X with Accessory : GR Power setting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU:3000.0000Hz Mode : #183138 Plane : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Date: 3 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU:3000.0000Hz Mode : #183138 Plane : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : AVG_85_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU:1.0000Hz Mode : #183138 Plane : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Left blank

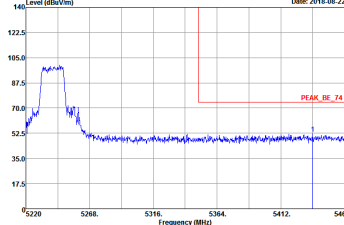
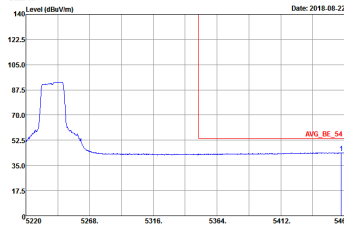


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 3 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank
Avg.	Date: 5 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 3 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank



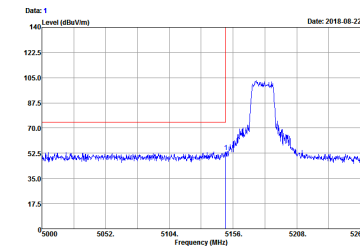
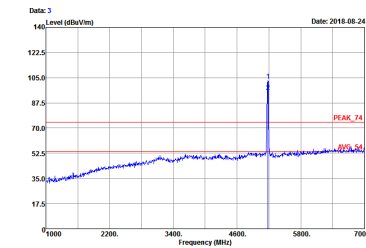
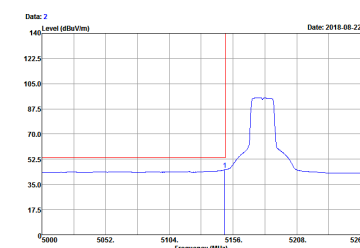
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Peak Site : 83CH01-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Site : 83CH01-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14
Avg.	Avg. Site : 83CH01-SZ Condition : AVG_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 3 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Left blank



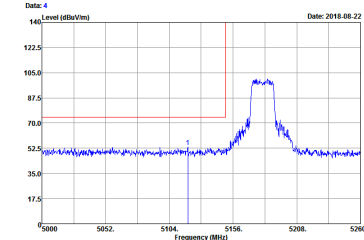
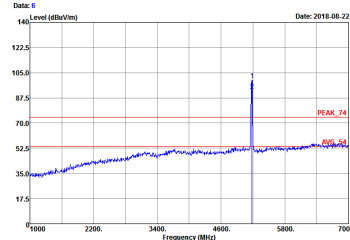
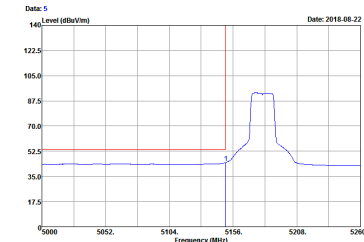
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 140 Level (dBuV/m) Date: 2018-08-22  Site : 80CH01-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Rbw:1000.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 3 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank
Avg.	Date: 10 140 Level (dBuV/m) Date: 2018-08-22  Site : 80CH01-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Rbw:1000.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 3 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183130 Mode : Mode 18 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase@ Power setting 13	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183130 Mode : Mode 18 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase@ Power setting 13
Avg.	 Site : 83CH01-S2 Condition : AVG_84 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183130 Mode : Mode 18 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	Peak  Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 10 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 10 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13
Avg.	Avg.  Site : 83CH01-S2 Condition : AVG_85_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 10 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Horizontal Date: 1 Level (dBuV/m) Frequency (MHz) Site : 83CM1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.000KHz VBW:3000.000KHz Project : #183138 Mode : Mode 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13	Fundamental Date: 3 Level (dBuV/m) Frequency (MHz) Site : 83CM1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.000KHz VBW:3000.000KHz Project : #183138 Mode : Mode 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13
Avg.	Avg. Date: 2 Level (dBuV/m) Frequency (MHz) Site : 83CM1-SZ Condition : AVG_85_54 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.000KHz VBW:0.0180KHz Project : #183138 Mode : Mode 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13	Left blank

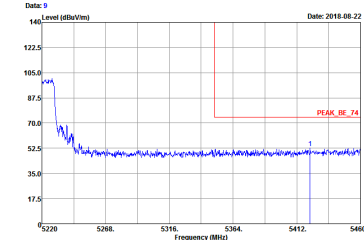
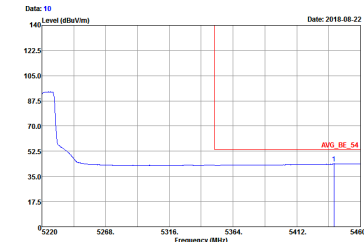


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Date: 2018-08-22 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 11 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 13	Left blank
Avg.	Date: 5 Date: 2018-08-22 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:0.0100Hz Project : #183138 Mode : Mode 11 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Peak Site : #3C801-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000 W Project : #183138 Mode : 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13	Site : #3C801-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000 W Project : #183138 Mode : 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13
Avg.	Avg. Site : #3C801-S2 Condition : AVG_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000 W Project : #183138 Mode : 11 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	Date: 9  Date: 2018-08-22 Site Condition : #3C081-S2 : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL : BW:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 11 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : Pcsac@ Power setting 13	Left blank
Avg.	Date: 10  Date: 2018-08-22 Site Condition : #3C081-S2 : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL : BW:1800.0000Hz VBW:0.0180Hz Project : #183138 Mode : Mode 11 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : Pcsac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Site : #3CMB1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU1800-0000Hz_VDU-3000-0000Hz #183138 Mode : 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 13	Date: 3 Level (dBuV/m) Site : #3CMB1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU1800-0000Hz_VDU-3000-0000Hz #183138 Mode : 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 13
Avg.	Date: 2 Level (dBuV/m) Site : #3CMB1-SZ Condition : AVG_85_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU1800-0000Hz_VDU-3000-0000Hz #183138 Mode : 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 13	Left blank

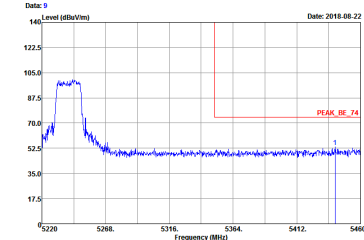
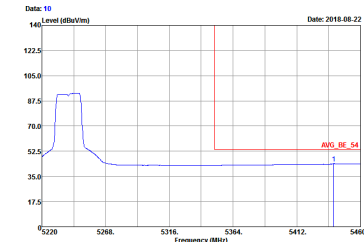


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Date: 2018-08-22 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 13	Left blank
Avg.	Date: 5 Date: 2018-08-22 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:0.0100Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Peak Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13
Avg.	Avg. Site : 83CH01-S2 Condition : AVG_85_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 802.11ac VHT20 CH48 5240MHz VERTICAL Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory Power setting : 13	Left blank
Avg.	 Site : 802.11ac VHT20 CH48 5240MHz VERTICAL Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory Power setting : 13	Left blank



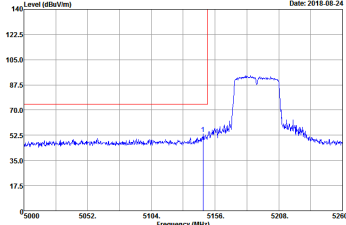
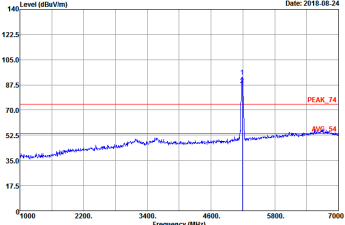
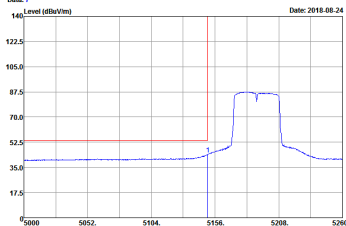
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 19 IMEI : 869823030011949/869823030011895 Plane : X with Accessory Polarization Power setting 12	Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 19 IMEI : 869823030011949/869823030011895 Plane : X with Accessory Polarization Power setting 12
Avg.	Site : 83CH01-S2 Condition : AVG_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 19 IMEI : 869823030011949/869823030011895 Plane : X with Accessory Polarization Power setting 12	Left blank

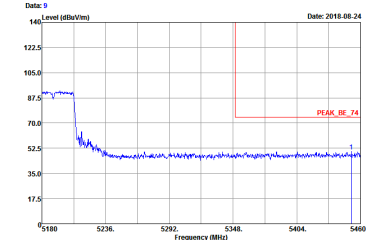
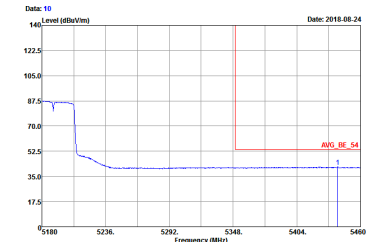


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 12	Left blank
Avg.	Date: 5 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 12	Left blank

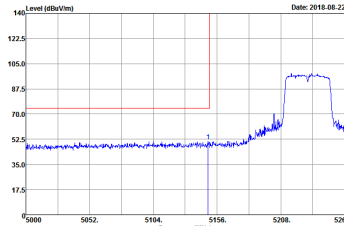
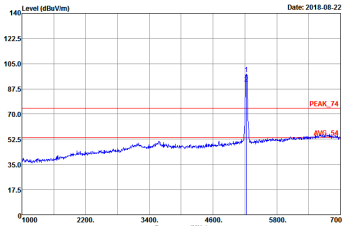
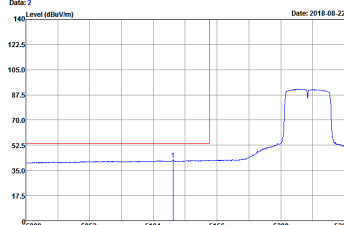


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Rbw:1000.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Rbw:1000.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 83CH01-S2 Condition : AVG_24 3m HF_ANT(3117)_119436 VERTICAL Rbw:1000.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 12 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : BSC081-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 12	Left blank
Avg.	 Site : BSC081-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : 12 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC:ac@ Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m)  Frequency (MHz) Site : #3CMB1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800-0000Hz VDU13000-0000Hz #183138 Mode : 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 12	Date: 3 Level (dBuV/m)  Frequency (MHz) Site : #3CMB1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800-0000Hz VDU13000-0000Hz #183138 Mode : 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 12
Avg.	Date: 2 Level (dBuV/m)  Frequency (MHz) Site : #3CMB1-S2 Condition : AVG_85 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800-0000Hz VDU13000-0000Hz #183138 Mode : 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Polar : Pcsac@ Power setting 12	Left blank

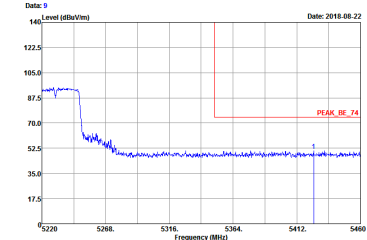
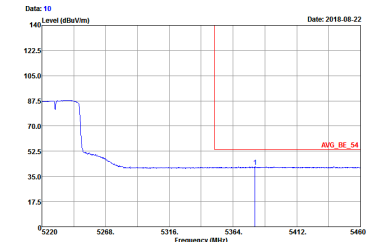


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 140 Level (dBuV/m) Date: 2018-08-22 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 12	Left blank
Avg.	Date: 5 140 Level (dBuV/m) Date: 2018-08-22 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Bdu:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 12	Left blank



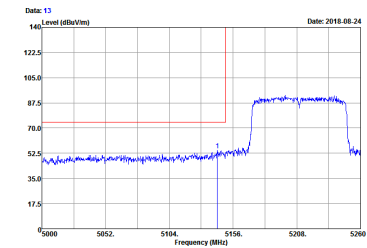
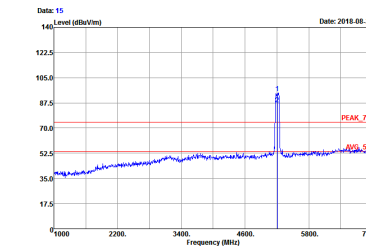
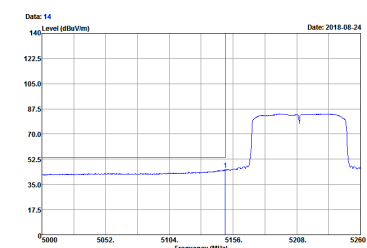
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	Peak Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : 88011000.0000Hz VSW:3000.0000Hz Mode : #183138 Plane : Mode 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 12	Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : 88011000.0000Hz VSW:3000.0000Hz Mode : #183138 Plane : Mode 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 12
Avg.	Avg. Site : 83CH01-S2 Condition : AVG_74 3m HF_ANT(3117)_119436 VERTICAL Project : 88011000.0000Hz VSW:1.0000Hz Mode : #183138 Plane : Mode 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : #3C081-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000 W Project : #183138 Mode : 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory Power setting : 12	Left blank
Avg.	 Site Condition : #3C081-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000 W Project : #183138 Mode : 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory Power setting : 12	Left blank



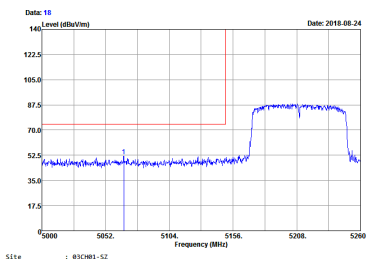
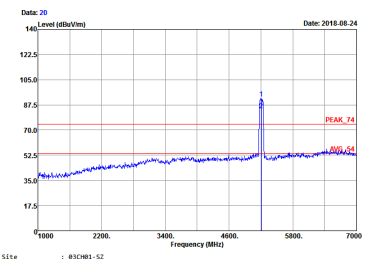
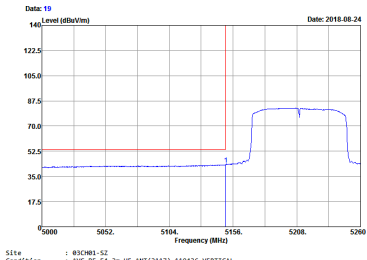
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(1117)_119436 HORIZONTAL Project : #183136 Mode : Mode 26 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase Power setting 12	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(1117)_119436 HORIZONTAL Project : #183136 Mode : Mode 26 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase Power setting 12
Avg.	 Site : 83CH01-S2 Condition : AVG_84 3m HF_ANT(1117)_119436 HORIZONTAL Project : #183136 Mode : Mode 26 IMEI : 869823030011949/869823030011895 Plane : X with Accessory : Pchase Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 16 140 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 3000.000KHz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sacB Power setting 12	Left blank
Avg.	Date: 17 140 Level (dBuV/m) Frequency (MHz) Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 1.000KHz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sacB Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : #3C8B1-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 25 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12	 Site : #3C8B1-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 25 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12
Avg.	 Site : #3C8B1-S2 Condition : AVG_24 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 25 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Date: 21 Level (dBuV/m) Frequency (MHz) Site Condition : #3C081-S2 : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL : BW:1800.000KHz VBW:3000.000KHz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : Pcsac0 Power setting 12	Left blank
Avg.	Date: 22 Level (dBuV/m) Frequency (MHz) Site Condition : #3C081-S2 : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL : BW:1800.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 20 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : Pcsac0 Power setting 12	Left blank



Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Graph 11: Horizontal Site : BSCM1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : R181136 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : Off Power settling 14	Graph 12: Vertical Site : BSCM1-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : R181136 Mode : Mode 1 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : Off Power settling 14



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 2 IMEI : 869823008011949/869823008013895 Plane : X with Accessory : 0W Power setting 14	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 2 IMEI : 869823008011949/869823008013895 Plane : X with Accessory : 0W Power setting 14



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 3 IMEI : 869823030811949/869823030813895 Plane : X with Accessory : 0W Power setting 14	Date: 16 Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 3 IMEI : 869823030811949/869823030813895 Plane : X with Accessory : 0W Power setting 14



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 19 Level (dBuV/m) Date: 2018-08-22 Site : 80CM01-S2 Condition : PEAK_74 3m HF_ANT(3117)_110436 HORIZONTAL Project : #183138 Model : P000-10 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : P000-10 Power setting 13	Date: 19 Level (dBuV/m) Date: 2018-08-22 Site : 80CM01-S2 Condition : PEAK_74 3m HF_ANT(3117)_110436 VERTICAL Project : #183138 Model : P000-10 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : P000-10 Power setting 13



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 11 IMEI : 869823008011949/869823008013895 Plane : X with Accessory : KcuaB Power setting 13	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 11 IMEI : 869823008011949/869823008013895 Plane : X with Accessory : KcuaB Power setting 13



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 12 IMEI : 869823098011949/869823098013895 Plane : X with Accessory : Kcua8 Power setting 15	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 12 IMEI : 869823098011949/869823098013895 Plane : X with Accessory : Kcua8 Power setting 15



Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 18 Level (dBuV/m) Date: 2018-08-23 Site : 80CM01-S2 Condition : PEAK_74 3m HF_ANT(3117)_110436 HORIZONTAL Project : #183138 Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 12	Date: 18 Level (dBuV/m) Date: 2018-08-23 Site : 80CM01-S2 Condition : PEAK_74 3m HF_ANT(3117)_110436 VERTICAL Project : #183138 Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsac@ Power setting 12



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : #183138 Mode : Mode 20 IMEI : 869823098011949/869823098013895 Plane : X with Accessory : KcuaB Power setting 12	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 83CH81-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 20 IMEI : 869823098011949/869823098013895 Plane : X with Accessory : KcuaB Power setting 12

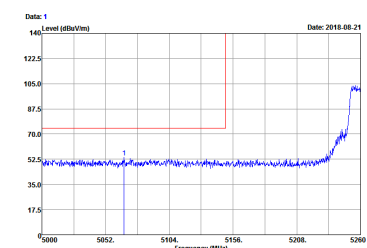
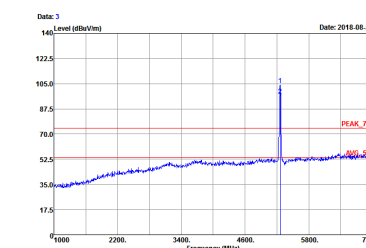
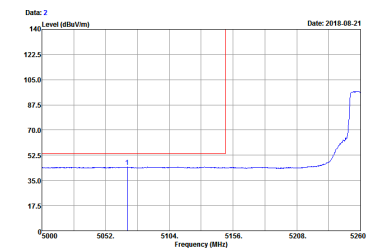


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 18 Level (dBuV/m) Date: 2018-08-24 Site : 802.11ac VHT80 Condition : PEAK_74_3m HF_ANT(3117)_110436 HORIZONTAL Project : #183138 Mode : Mode 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsat@ Power setting 12	Date: 18 Level (dBuV/m) Date: 2018-08-24 Site : 802.11ac VHT80 Condition : PEAK_74_3m HF_ANT(3117)_110436 VERTICAL Project : #183138 Mode : Mode 20 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Pcsat@ Power setting 12



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : #3CH01-52 Condition : PEAK_24 3m HF_ANT(3117)_119436 HORIZONTAL Power : 1000.000000 VSW:3000.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	 Site : #3CH01-52 Condition : PEAK_24 3m HF_ANT(3117)_119436 HORIZONTAL Power : 1000.000000 VSW:3000.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14
Avg.	 Site : #3CH01-52 Condition : AVG_24 3m HF_ANT(3117)_119436 HORIZONTAL Power : 1000.000000 VSW:1.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Left blank

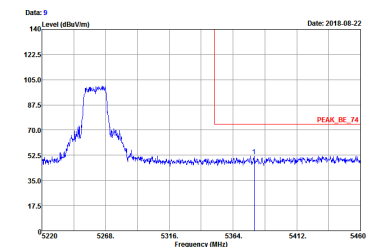
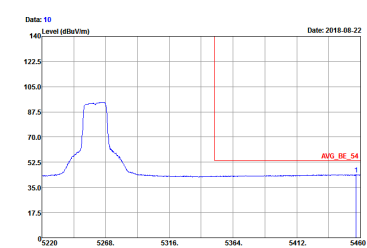


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 140 Level (dBuV/m) Date: 2018-08-21 PEAK_RE_74 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 3000.000Hz Project : #183138 Mode : Mode 4 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank
Avg.	Date: 5 140 Level (dBuV/m) Date: 2018-08-21 Avg_RE_54 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 1.000KHz Project : #183138 Mode : Mode 4 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Date: 2018-08-22 Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:3.0000.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Date: 8 Date: 2018-08-22 Site : 83CH01-S2 Condition : PEAK_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:3.0000.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14
Avg.	Date: 7 Date: 2018-08-22 Site : 83CH01-S2 Condition : AVG_24 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:1.000000 Project : #183138 Mode : Mode 4 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 83C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 4 IMEI : 860823030011949/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank
Avg.	 Site : 83C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 4 IMEI : 860823030011949/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank

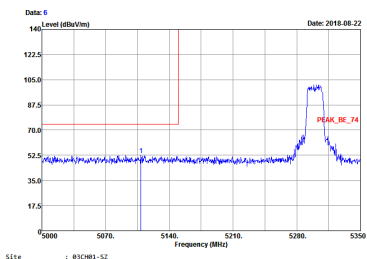
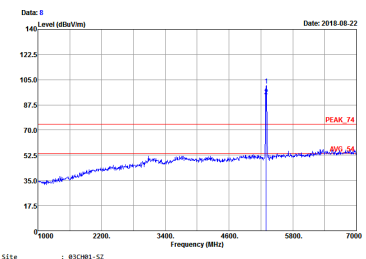
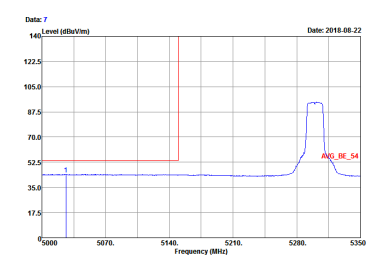


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Horizontal Date: 1 Level (dBuV/m) Date: 2018-08-21 PEAK_RE_74 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Fundamental Date: 3 Level (dBuV/m) Date: 2018-08-21 PEAK_74 Site : #3C8B1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14
Avg.	Avg. Date: 2 Level (dBuV/m) Date: 2018-08-21 AVG_RE_54 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:1.0000Hz Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 6W Power setting 14	Left blank

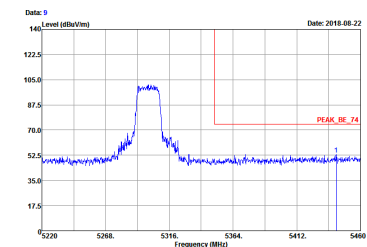
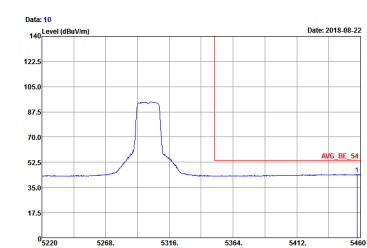


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Date: 2018-08-21 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Band: 1800.0000Hz VBW: 3000.0000Hz Project : #183138 Mode : Mode 5 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank
Avg.	Date: 5 Date: 2018-08-21 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Band: 1800.0000Hz VBW: 1.0000Hz Project : #183138 Mode : Mode 5 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : 0W Power setting 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Peak  Site : #3C801-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	 Site : #3C801-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14
Avg.	Avg.  Site : #3C801-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 0N Power setting 14	Left blank

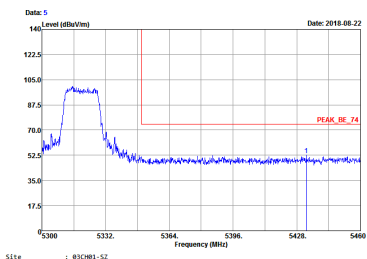
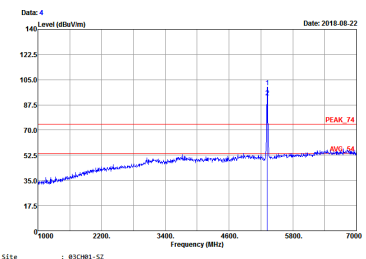
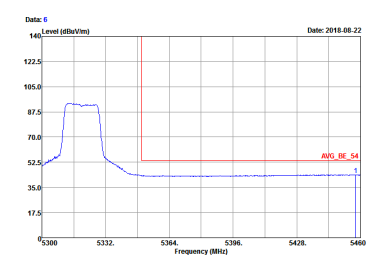


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : BSC081-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 5 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank
Avg.	 Site : BSC081-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL RBW:1000.000KHz VBW:1.000KHz Project : #183138 Mode : Mode 5 IMEI : 860823030011943/860823030013895 Plane : X with Accessory : GR Power setting 14	Left blank



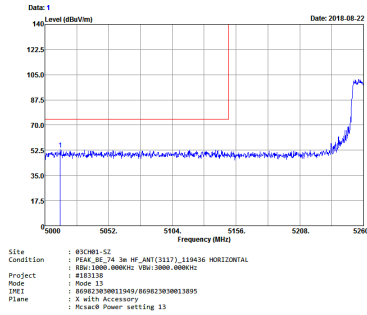
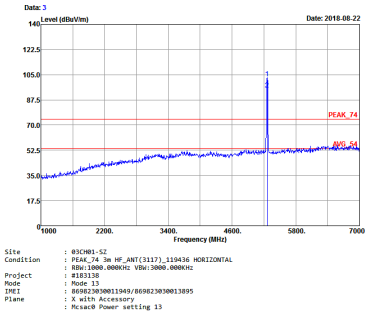
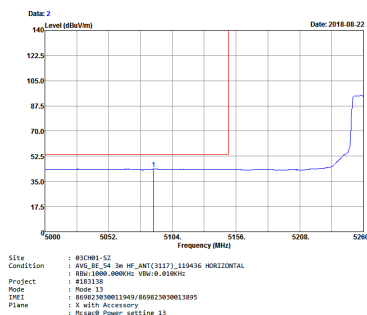
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Horizontal Date: 2 Level (dBuV/m) Date: 2018.08.21 Site : #3CMB1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU13000.0000Hz Mode : #183138 Plane : Mode 6 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 6W Power setting 14	Fundamental Date: 1 Level (dBuV/m) Date: 2018.08.21 Site : #3CMB1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU13000.0000Hz Mode : #183138 Plane : Mode 6 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 6W Power setting 14
Avg.	Horizontal Date: 3 Level (dBuV/m) Date: 2018.08.21 Site : #3CMB1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : BBU11800.0000Hz VDU1.0000Hz Mode : #183138 Plane : Mode 6 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : 6W Power setting 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 83CH01-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14	 Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14
Avg.	 Site : 83CH01-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 5 IMEI : 869823030011949/869823030013895 Plane : X with Accessory : 0N Power setting 14	Left blank



Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

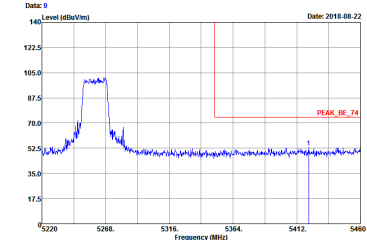
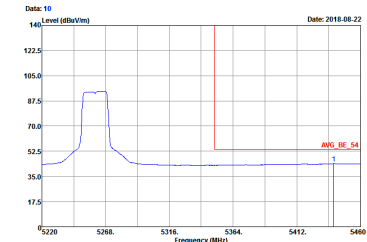


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 140 Level (dBuV/m) Date: 2018-08-22 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 3000.000KHz Project : #183138 Mode : 13 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sac@ Power setting 13	Left blank
Avg.	Date: 5 140 Level (dBuV/m) Date: 2018-08-22 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 0.010KHz Project : #183138 Mode : 13 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:3000.000000 Project : #183138 Mode : 13 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:3000.000000 Project : #183138 Mode : 13 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : AVG_75 3m HF_ANT(3117)_119436 VERTICAL Power : 1000.000000Hz VSW:3000.000000 Project : #183138 Mode : 13 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : BSC081-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL BNA:1800.0000Hz VBW:3000.0000Hz Project : #183138 Mode : Mode 13 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCNA08 Power setting 13	Left blank
Avg.	 Site : BSC081-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL BNA:1800.0000Hz VBW:0.0180Hz Project : #183138 Mode : Mode 13 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCNA08 Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 83CH01-SZ Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH60 5300MHz Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 83CH01-SZ Condition : PEAK_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH60 5300MHz Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 83CH01-SZ Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH60 5300MHz Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13	Left blank

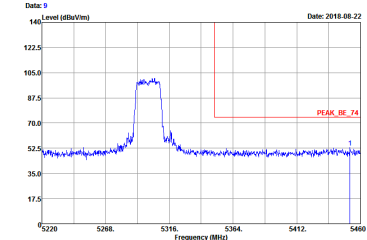
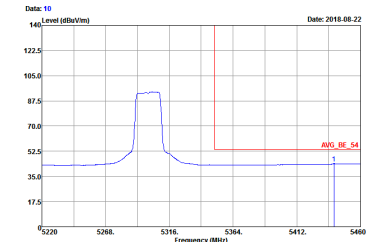


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	Peak Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:3000.0000Hz Project : #183158 Mode : Mode 14 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 13	Left blank
Avg.	Avg. Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BNU:1800.0000Hz VBW:0.0100Hz Project : #183158 Mode : Mode 14 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PCsac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBU:3000.0000Hz Project : #183138 Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBU:3000.0000Hz Project : #183138 Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : BSCM1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBU:0.0180Hz Project : #183138 Mode : Mode 14 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site: BSCM1-S2 Condition: PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBW:3000.0000Hz Project: #183158 Mode: Mode 14 IMEI: 860823030011943/860823030013895 Plane: X with Accessory PC:ac@ Power setting 13	Left blank
Avg.	 Site: BSCM1-S2 Condition: AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL BNU:1800.0000Hz VBW:0.0100Hz Project: #183158 Mode: Mode 14 IMEI: 860823030011943/860823030013895 Plane: X with Accessory PC:ac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 83CH01-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH64 5320MHz Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 83CH01-S2 Condition : PEAK_F4 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH64 5320MHz Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13
Avg.	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 83CH01-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT20 CH64 5320MHz Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory PCmac@ Power setting 13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	Peak Site : 83CH01-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Site : 83CH01-S2 Condition : PEAK_74 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13
Avg.	Avg. Site : 83CH01-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 VERTICAL Project : #183138 Mode : Mode 15 IMEI : 869823030011949/869823030013895 Plane : X with Accessory Plane : Mcsac@ Power setting 13	Left blank



Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Date: 2018-08-22 Site : 83CH01-S2 Condition : PEAK_74_3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT40 CH54 5270 - L Mode : Mode 21 IMEI : 869823030011943/869823030011895 Plane : X with Accessory Polarization : Power setting 12	Date: 3 Level (dBuV/m) Date: 2018-08-22 Site : 83CH01-S2 Condition : PEAK_74_3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT40 CH54 5270 - L Mode : Mode 21 IMEI : 869823030011943/869823030011895 Plane : X with Accessory Polarization : Power setting 12
Avg.	Date: 2 Level (dBuV/m) Date: 2018-08-22 Site : 83CH01-S2 Condition : AVG_84_3m HF_ANT(3117)_119436 HORIZONTAL Project : 802.11ac VHT40 CH54 5270 - L Mode : Mode 21 IMEI : 869823030011943/869823030011895 Plane : X with Accessory Polarization : Power setting 12	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	Date: 4 Site : #3C8B1-S2 Condition : PEAK_RE_74 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 3000.000Hz Project : #183138 Mode : Mode 21 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sac@ Power setting 12	Left blank
Avg.	Date: 5 Site : #3C8B1-S2 Condition : AVG_RE_54 3m HF_ANT(3117)_119436 HORIZONTAL BW: 1800.000KHz VBW: 1.000KHz Project : #183138 Mode : Mode 21 IMEI : 860823030011943/860823030013895 Plane : X with Accessory PC: sac@ Power setting 12	Left blank