

Partial FCC RF Test Report

APPLICANT : Huawei Technologies Co., Ltd.
EQUIPMENT : Smart Phone
BRAND NAME : HUAWEI
MODEL NAME : POT-LX1
FCC ID : QISPOT-LX1
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 Nov. 20, 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	7
1.7 Applicable Standards.....	8
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	9
2.1 Carrier Frequency and Channel	9
2.2 Test Mode	11
2.3 Connection Diagram of Test System.....	14
2.4 Support Unit used in test configuration and system	14
2.5 EUT Operation Test Setup	14
3 TEST RESULT	15
3.1 Unwanted Emissions Measurement	15
3.2 AC Conducted Emission Measurement.....	22
3.3 Automatically Discontinue Transmission	24
3.4 Antenna Requirements	25
4 LIST OF MEASURING EQUIPMENT	26
5 UNCERTAINTY OF EVALUATION	27
APPENDIX A. CONDUCTED TEST RESULTS	
APPENDIX B. RADIATED SPURIOUS EMISSION	
APPENDIX C. RADIATED SPURIOUS EMISSION PLOTS	
APPENDIX D. DUTY CYCLE PLOTS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR8O1708	Rev. 01	Initial issue of report	Oct. 25, 2018
FR8O1708	Rev. 02	Add AC Conducted Emission test data	Nov. 20, 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 6.69 dB at 56.19 MHz
3.2	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 6.75 dB at 2.35 MHz
3.4	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	POT-LX1
FCC ID	QISPOT-LX1
EUT supports Radios application	WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80
IMEI Code	Conduction: 869130040054475/869130040058625 for Sample 1 869130040054459/869130040058609 for Sample 2 Radiation: 869130040054475/869130040058625 869130040054459/869130040058609
HW Version	HL3POTM
SW Version	5.0.1.50M(SP2C900E61R1P9log)
EUT Stage	Identical Prototype

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> internal Antenna with gain -0.3 dBi <5260 MHz ~ 5320 MHz> internal Antenna with gain -0.3 dBi <5500 MHz ~ 5700 MHz > internal Antenna with gain -0.3 dBi <5745 MHz ~ 5825 MHz > internal Antenna with gain -0.3 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: WLAN operation in 5600 MHz ~ 5650 MHz is notched.

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).

Test Site	Sporton International (Shenzhen) Inc.		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen City, Guangdong Province 518055, China TEL: +86-755-8637-9589 FAX: +86-755-8637-9595		
Test Site No.	Sporton Site No.	FCC designation No.	FCC Test Firm Registration No.
	CO01-SZ	CN5018	337463

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.
	03CH04-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 (Y 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

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN Link(5G) + USB Cable 1(Charging from Adapter 1) + Earphone 1 for Sample 1
	Mode 2 : Bluetooth Link + WLAN Link(5G) + USB Cable 2(Charging from Adapter 2) + Earphone 2 for Sample 2
	Mode 3 : Bluetooth Link + WLAN Link(5G) + USB Cable 3(Charging from Adapter 3(#1)) + Earphone 1 for Sample 1
	Mode 4 : Bluetooth Link + WLAN Link(5G) + USB Cable 4(Charging from Adapter 3(#2)) + Earphone 1 for Sample 1
	Mode 5 : Bluetooth Link + WLAN Link(5G) + USB Cable 3(Charging from Adapter 4(#1)) + Earphone 1 for Sample 1
	Mode 6 : Bluetooth Link + WLAN Link(5G) + USB Cable 3(Charging from Adapter 4(#2)) + Earphone 1 for Sample 1
Remark: The worst case of conducted emission is mode 6; only the test data of it was reported.	



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

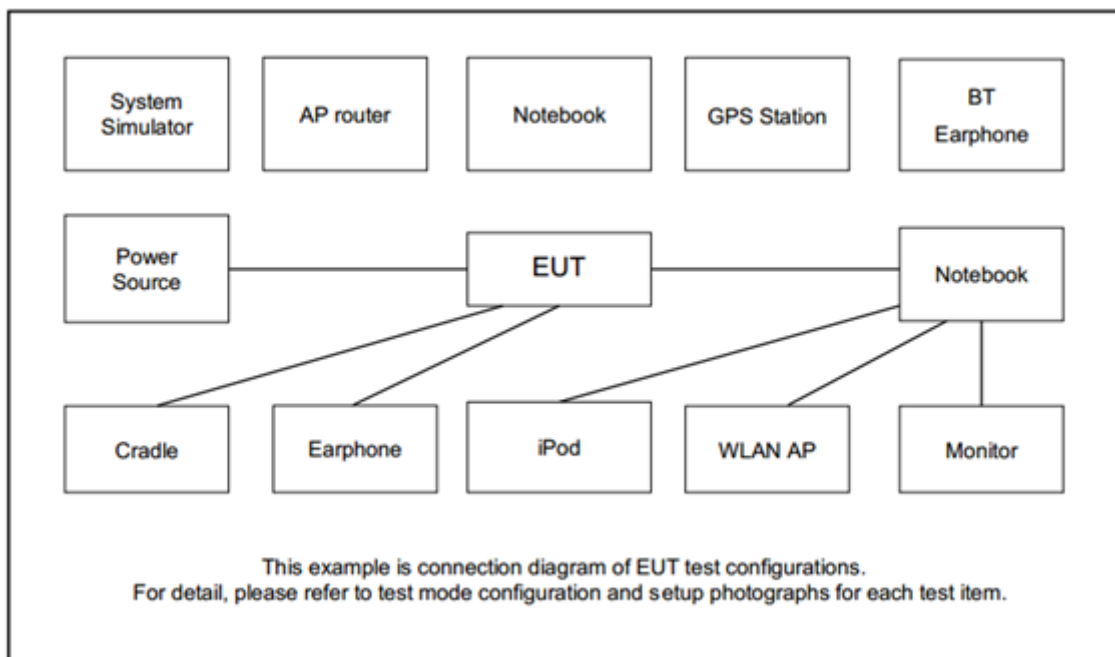
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-



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 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
2.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded, 1.8 m
3.	NOTE BOOK	Lenovo	E540	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 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.

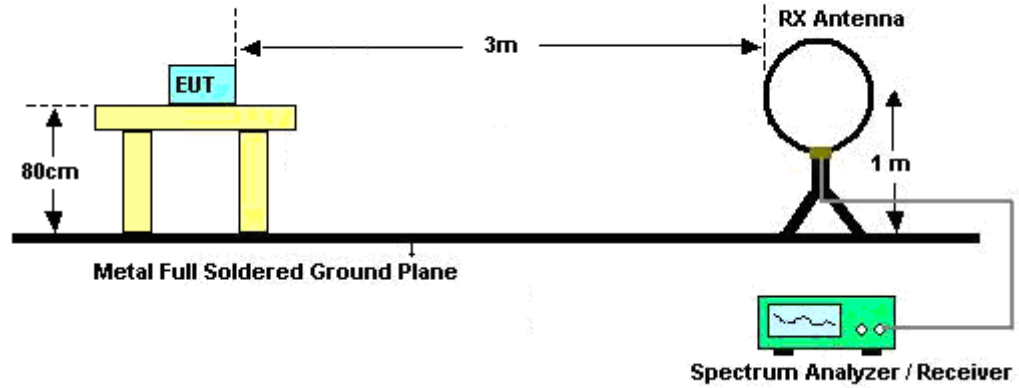


3.1.3 Test Procedures

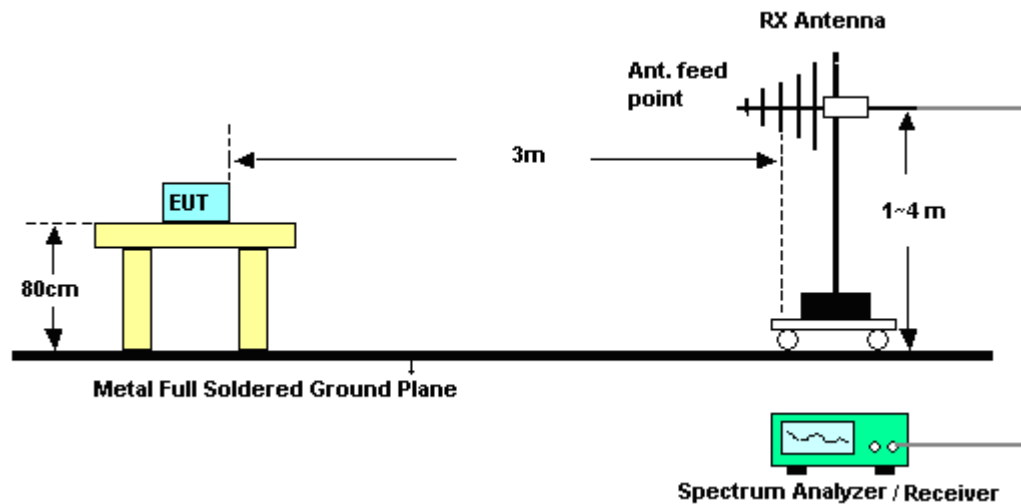
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold(2) Procedure for Peak Unwanted 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

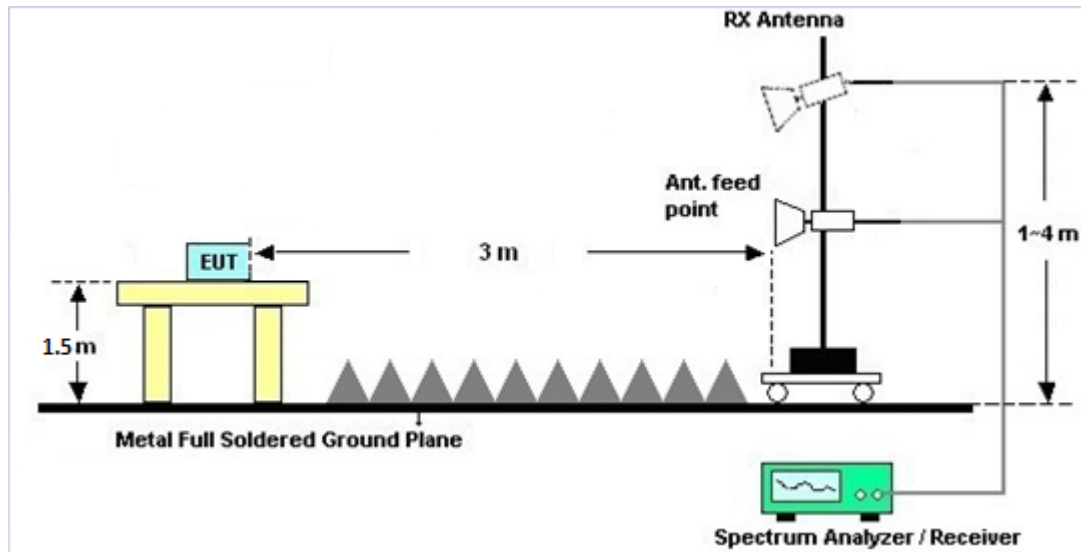
For radiated emissions below 30MHz



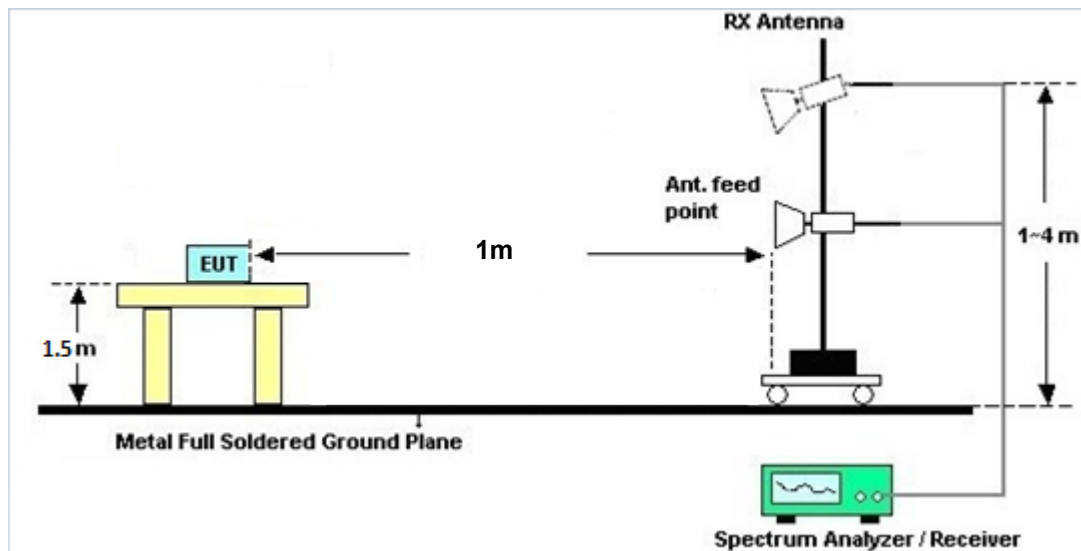
For radiated emissions from 30MHz to 1GHz



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 B.

3.1.7 Duty Cycle

Please refer to Appendix D.

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 B.

3.2 AC Conducted Emission Measurement

3.2.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

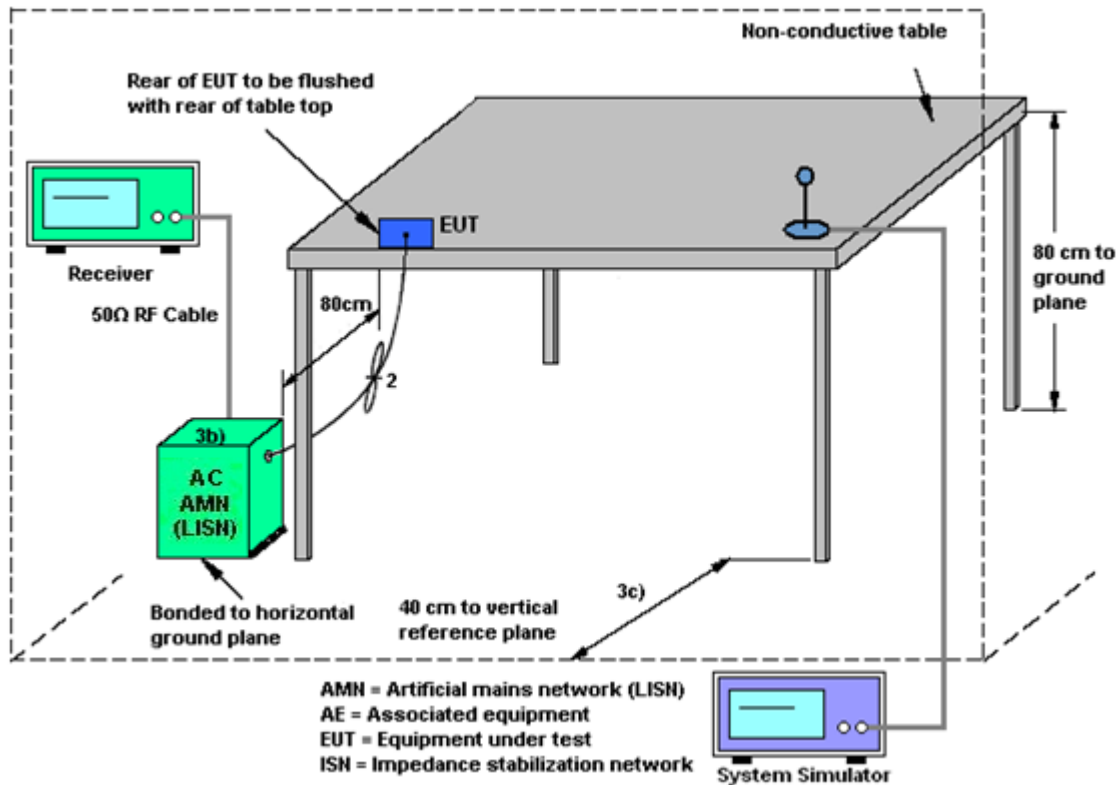
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.2.4 Test Setup



3.2.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.3 Automatically Discontinue Transmission

3.3.1 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.

3.3.2 Measuring Instruments

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

3.3.3 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.



3.4 Antenna Requirements

3.4.1 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.

3.4.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.4.3 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
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Apr. 19, 2018	Oct. 17, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 19, 2018	Oct. 17, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	May 14, 2018	Oct. 17, 2018	May 13, 2019	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Aug. 28, 2018	Oct. 17, 2018	Aug. 27, 2019	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1285	1GHz~18GHz	Dec. 13, 2017	Oct. 17, 2018	Dec. 12, 2018	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Apr. 20, 2018	Oct. 17, 2018	Apr. 19, 2019	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz~3000MHz	Oct. 19, 2017	Oct. 17, 2018	Oct. 18, 2018	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1989346	1GHz~18GHz	Jul. 30, 2018	Oct. 17, 2018	Jul. 29, 2019	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1988315	18GHz~40GHz	Jul. 26, 2018	Oct. 17, 2018	Jul. 25, 2019	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY53270156	500MHz~26.5GHz	Apr. 19, 2018	Oct. 17, 2018	Apr. 18, 2019	Radiation (03CH04-SZ)
AC Power Source	Chroma	61601	N/A	N/A	NCR	Oct. 17, 2018	NCR	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Oct. 17, 2018	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Oct. 17, 2018	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Dec. 26, 2017	Nov. 20, 2018	Dec. 25, 2018	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2SH	00103912	9kHz~30MHz	Dec. 26, 2017	Nov. 20, 2018	Dec. 25, 2018	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	MessTec	3816/2SH	00103892	9kHz~30MHz	Oct. 31, 2018	Nov. 20, 2018	Oct. 30, 2019	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 18, 2018	Nov. 20, 2018	Jul. 17, 2019	Conduction (CO01-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% ($U = 2Uc(y)$)	5.0dB
--	-------

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

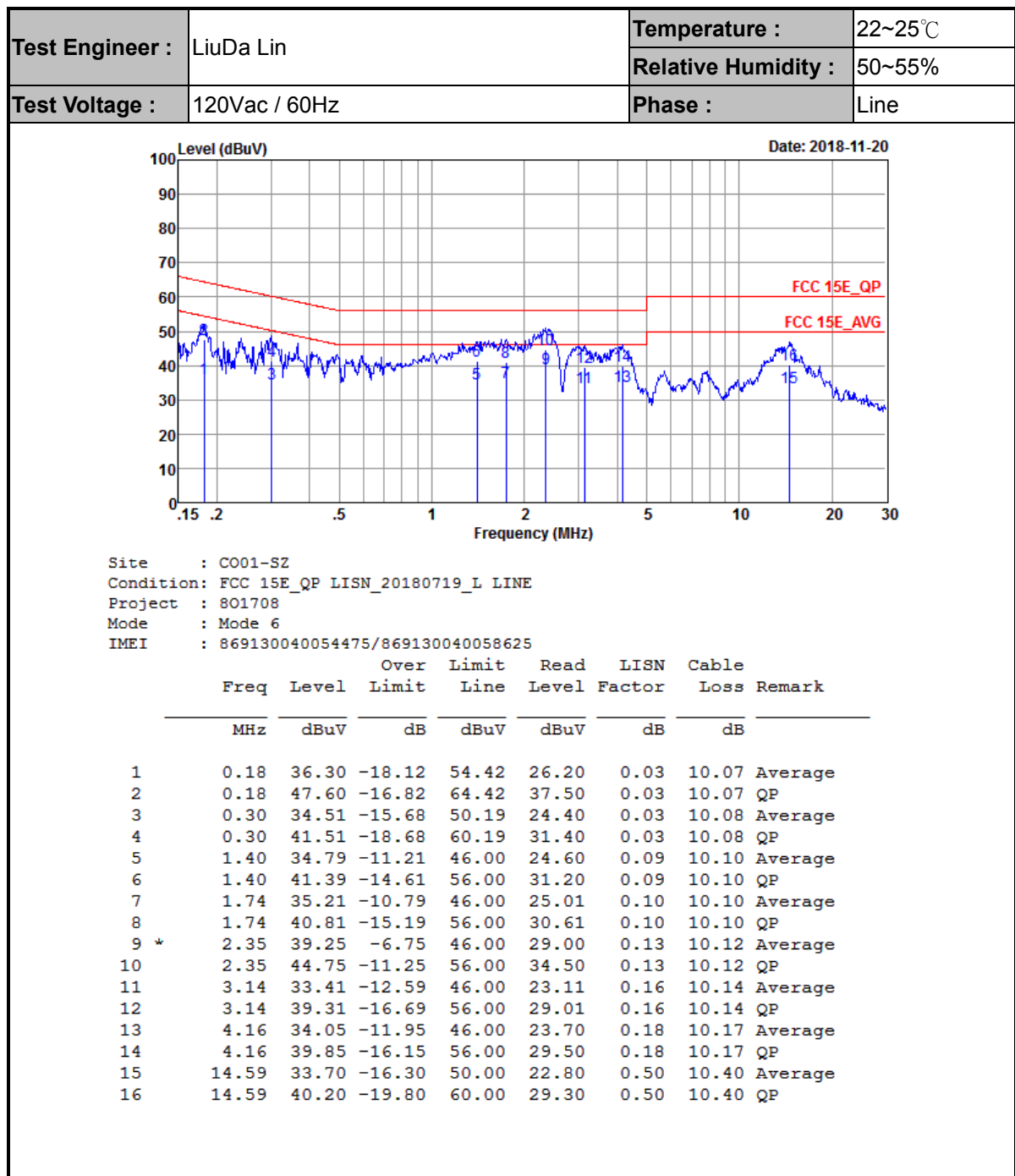
Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8dB
--	-------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1dB
--	-------

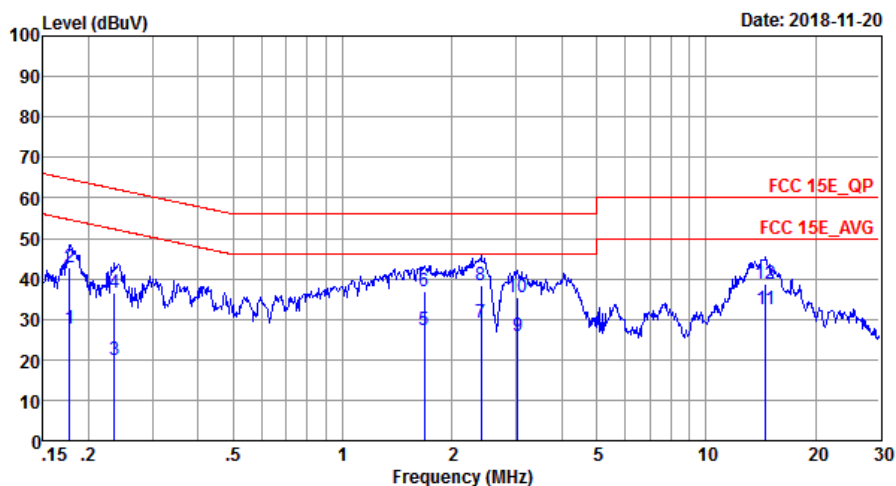


Appendix A. AC Conducted Emission Test Results





Test Engineer :	LiuDa Lin	Temperature :	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Site : C001-SZ
Condition: FCC 15E_QP LISN_20180719_N NEUTRAL
Project : 801708
Mode : Mode 6
IMEI : 869130040054475/869130040058625

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.18	27.80	-26.79	54.59	17.70	0.03	10.07	Average
2	0.18	42.90	-21.69	64.59	32.80	0.03	10.07	QP
3	0.24	20.10	-32.16	52.26	10.00	0.03	10.07	Average
4	0.24	36.40	-25.86	62.26	26.30	0.03	10.07	QP
5	1.68	27.25	-18.75	46.00	17.10	0.05	10.10	Average
6	1.68	37.05	-18.95	56.00	26.90	0.05	10.10	QP
7 *	2.41	29.06	-16.94	46.00	18.90	0.04	10.12	Average
8	2.41	38.46	-17.54	56.00	28.30	0.04	10.12	QP
9	3.03	25.67	-20.33	46.00	15.50	0.03	10.14	Average
10	3.03	35.47	-20.53	56.00	25.30	0.03	10.14	QP
11	14.59	32.52	-17.48	50.00	21.80	0.32	10.40	Average
12	14.59	38.72	-21.28	60.00	28.00	0.32	10.40	QP



Appendix B. Radiated Spurious Emission

Test Engineer :	Barry Chang	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		5148.72	47.04	-26.96	74	41.55	32.24	6.04	32.79	137	48	P	H
		5150	36.93	-17.07	54	31.44	32.24	6.04	32.79	137	48	A	H
	*	5180	101.19	-	-	95.71	32.25	6.04	32.81	137	48	P	H
	*	5180	95.12	-	-	89.64	32.25	6.04	32.81	137	48	A	H
		5058.76	44.49	-29.51	74	38.95	32.22	6.05	32.73	392	14	P	V
		5150	34.67	-19.33	54	29.18	32.24	6.04	32.79	392	14	A	V
	*	5180	95.15	-	-	89.67	32.25	6.04	32.81	392	14	P	V
	*	5180	89.56	-	-	84.08	32.25	6.04	32.81	392	14	A	V
802.11a CH 44 5220MHz		5119.86	44.29	-29.71	74	38.8	32.23	6.04	32.78	245	39	P	H
		5084.76	34.76	-19.24	54	29.24	32.22	6.05	32.75	245	39	A	H
	*	5220	101.24	-	-	95.78	32.26	6.03	32.83	245	39	P	H
	*	5220	94.83	-	-	89.37	32.26	6.03	32.83	245	39	A	H
		5444.64	44.42	-29.58	74	38.99	32.34	6.06	32.97	245	39	P	H
		5439.84	35.07	-18.93	54	29.64	32.34	6.06	32.97	245	39	A	H
		5092.82	44.67	-29.33	74	39.15	32.23	6.05	32.76	108	18	P	V
		5085.02	34.37	-19.63	54	28.85	32.22	6.05	32.75	108	18	A	V
	*	5220	96.49	-	-	91.03	32.26	6.03	32.83	108	18	P	V
	*	5220	89.89	-	-	84.43	32.26	6.03	32.83	108	18	A	V
		5372.4	44.86	-29.14	74	39.46	32.31	6.01	32.92	108	18	P	V
		5440.08	34.85	-19.15	54	29.42	32.34	6.06	32.97	108	18	A	V



802.11a CH 48 5240MHz		5100.36	45.37	-28.63	74	39.85	32.23	6.05	32.76	259	37	P	H
		5087.62	34.85	-19.15	54	29.33	32.22	6.05	32.75	259	37	A	H
	*	5240	100.6	-	-	95.14	32.27	6.03	32.84	259	37	P	H
	*	5240	95.07	-	-	89.61	32.27	6.03	32.84	259	37	A	H
		5459.04	45.13	-28.87	74	39.71	32.34	6.06	32.98	259	37	P	H
		5440.08	34.88	-19.12	54	29.45	32.34	6.06	32.97	259	37	A	H
		5061.62	44.18	-29.82	74	38.64	32.22	6.05	32.73	100	4	P	V
		5085.28	34.39	-19.61	54	28.87	32.22	6.05	32.75	100	4	A	V
	*	5240	95.57	-	-	90.11	32.27	6.03	32.84	100	4	P	V
	*	5240	89.97	-	-	84.51	32.27	6.03	32.84	100	4	A	V
		5454	45.08	-28.92	74	39.66	32.34	6.06	32.98	100	4	P	V
		5440.08	34.73	-19.27	54	29.3	32.34	6.06	32.97	100	4	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	46.19	-27.81	74	54.56	38.25	9.23	55.85	121	225	P	H
		15540	45.75	-28.25	74	51.61	38.94	11.93	56.73	185	210	P	H
		10360	45.73	-28.27	74	54.1	38.25	9.23	55.85	152	260	P	V
		15540	45.72	-28.28	74	51.58	38.94	11.93	56.73	189	238	P	V
802.11a CH 44 5220MHz		10440	47.42	-26.58	74	55.74	38.31	9.25	55.88	150	230	P	H
		15660	46.24	-27.76	74	52.12	38.54	12.07	56.49	160	225	P	H
		10440	46.78	-27.22	74	55.1	38.31	9.25	55.88	110	230	P	V
		15660	46.51	-27.49	74	52.39	38.54	12.07	56.49	160	228	P	V
802.11a CH 48 5240MHz		10480	46.66	-27.34	74	54.94	38.36	9.26	55.9	150	120	P	H
		15720	46.05	-27.95	74	51.98	38.31	12.11	56.35	200	89	P	H
		10480	47.01	-26.99	74	55.29	38.36	9.26	55.9	189	12	P	V
		15720	46.52	-27.48	74	52.45	38.31	12.11	56.35	198	226	P	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		5078	45.54	-28.46	74	40.02	32.22	6.05	32.75	161	63	P	H
		5150	37.32	-16.68	54	31.83	32.24	6.04	32.79	161	63	A	H
	*	5180	102.32	-	-	96.84	32.25	6.04	32.81	161	63	P	H
	*	5180	94.37	-	-	88.89	32.25	6.04	32.81	161	63	A	H
		5146.9	45.63	-28.37	74	40.14	32.24	6.04	32.79	158	0	P	V
		5150	36.06	-17.94	54	30.57	32.24	6.04	32.79	158	0	A	V
	*	5180	99.76	-	-	94.28	32.25	6.04	32.81	158	0	P	V
	*	5180	91.8	-	-	86.32	32.25	6.04	32.81	158	0	A	V
802.11ac VHT20 CH 44 5220MHz		5023.92	46.71	-27.29	74	41.16	32.21	6.06	32.72	161	63	P	H
		5064.22	35.84	-18.16	54	30.3	32.22	6.05	32.73	161	63	A	H
	*	5220	102.24	-	-	96.78	32.26	6.03	32.83	161	63	P	H
	*	5220	94.16	-	-	88.7	32.26	6.03	32.83	161	63	A	H
		5449.68	44.41	-29.59	74	38.98	32.34	6.06	32.97	161	63	P	H
		5440.08	34.98	-19.02	54	29.55	32.34	6.06	32.97	161	63	A	H
		5059.8	45.95	-28.05	74	40.41	32.22	6.05	32.73	143	0	P	V
		5049.92	35.67	-18.33	54	30.14	32.21	6.05	32.73	143	0	A	V
	*	5220	97.89	-	-	92.43	32.26	6.03	32.83	143	0	P	V
	*	5220	91.1	-	-	85.64	32.26	6.03	32.83	143	0	A	V
		5400.72	44.31	-29.69	74	38.93	32.32	6.01	32.95	143	0	P	V
		5440.08	35.09	-18.91	54	29.66	32.34	6.06	32.97	143	0	A	V



802.11ac VHT20 CH 48 5240MHz		5052.78	46.1	-27.9	74	40.57	32.21	6.05	32.73	167	57	P	H
		5061.36	35.72	-18.28	54	30.18	32.22	6.05	32.73	167	57	A	H
	*	5240	102.32	-	-	96.86	32.27	6.03	32.84	167	57	P	H
	*	5240	93.66	-	-	88.2	32.27	6.03	32.84	167	57	A	H
		5447.52	44.02	-29.98	74	38.59	32.34	6.06	32.97	167	57	P	H
		5440.08	35.08	-18.92	54	29.65	32.34	6.06	32.97	167	57	A	H
		5101.92	45.47	-28.53	74	39.95	32.23	6.05	32.76	143	0	P	V
		5062.14	35.68	-18.32	54	30.14	32.22	6.05	32.73	143	0	A	V
	*	5240	97.48	-	-	92.02	32.27	6.03	32.84	143	0	P	V
	*	5240	90.77	-	-	85.31	32.27	6.03	32.84	143	0	A	V
		5438.64	43.93	-30.07	74	38.5	32.34	6.06	32.97	143	0	P	V
		5439.84	35.08	-18.92	54	29.65	32.34	6.06	32.97	143	0	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		10360	45.81	-28.19	74	54.18	38.25	9.23	55.85	152	260	P	H
VHT20		15540	42.84	-31.16	74	48.7	38.94	11.93	56.73	189	238	P	H
CH 36		10360	45.7	-28.3	74	54.07	38.25	9.23	55.85	121	225	P	V
5180MHz		15540	43.83	-30.17	74	49.69	38.94	11.93	56.73	185	210	P	V
802.11ac		10440	45.73	-28.27	74	54.05	38.31	9.25	55.88	150	230	P	H
VHT20		15660	43.36	-30.64	74	49.24	38.54	12.07	56.49	160	225	P	H
CH 44		10440	45.37	-28.63	74	53.69	38.31	9.25	55.88	110	230	P	V
5220MHz		15660	43.06	-30.94	74	48.94	38.54	12.07	56.49	160	228	P	V
802.11ac		10480	46.06	-27.94	74	54.34	38.36	9.26	55.9	150	120	P	H
VHT20		15720	43.65	-30.35	74	49.58	38.31	12.11	56.35	200	89	P	H
CH 48		10480	45.88	-28.12	74	54.16	38.36	9.26	55.9	189	12	P	V
5240MHz		15720	43.86	-30.14	74	49.79	38.31	12.11	56.35	198	226	P	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		5149.24	54.21	-19.79	74	48.72	32.24	6.04	32.79	254	47	P	H
		5150	43.11	-10.89	54	37.62	32.24	6.04	32.79	254	47	A	H
	*	5190	97.26	-	-	91.78	32.25	6.04	32.81	254	47	P	H
	*	5190	90.36	-	-	84.88	32.25	6.04	32.81	254	47	A	H
		5449.64	44.25	-29.75	74	38.82	32.34	6.06	32.97	254	47	P	H
		5440.4	35.89	-18.11	54	30.46	32.34	6.06	32.97	254	47	A	H
		5149.5	45.08	-28.92	74	39.59	32.24	6.04	32.79	107	28	P	V
		5150	38	-16	54	32.51	32.24	6.04	32.79	107	28	A	V
	*	5190	92.47	-	-	86.99	32.25	6.04	32.81	107	28	P	V
	*	5190	85.43	-	-	79.95	32.25	6.04	32.81	107	28	A	V
		5450.2	45.18	-28.82	74	39.76	32.34	6.06	32.98	107	28	P	V
		5439.84	35.71	-18.29	54	30.28	32.34	6.06	32.97	107	28	A	V
802.11ac VHT40 CH 46 5230MHz		5086.32	44.65	-29.35	74	39.13	32.22	6.05	32.75	250	26	P	H
		5063.7	36.99	-17.01	54	31.45	32.22	6.05	32.73	250	26	A	H
	*	5230	97.76	-	-	92.3	32.27	6.03	32.84	250	26	P	H
	*	5230	90.53	-	-	85.07	32.27	6.03	32.84	250	26	A	H
		5450.16	43.59	-30.41	74	38.17	32.34	6.06	32.98	250	26	P	H
		5456.64	35.61	-18.39	54	30.19	32.34	6.06	32.98	250	26	A	H
		5018.46	45.25	-28.75	74	39.71	32.2	6.06	32.72	120	29	P	V
		5062.14	36.61	-17.39	54	31.07	32.22	6.05	32.73	120	29	A	V
	*	5230	93.37	-	-	87.91	32.27	6.03	32.84	120	29	P	V
	*	5230	86.41	-	-	80.95	32.27	6.03	32.84	120	29	A	V
		5382.72	43.6	-30.4	74	38.21	32.32	6.01	32.94	120	29	P	V
		5440.08	35.59	-18.41	54	30.16	32.34	6.06	32.97	120	29	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		10380	44.71	-29.29	74	53.07	38.26	9.24	55.86	150	360	P	H
VHT40		15570	43.61	-30.39	74	49.47	38.82	11.98	56.66	155	360	P	H
CH 38		10380	44.64	-29.36	74	53	38.26	9.24	55.86	120	360	P	V
5190MHz		15570	43.49	-30.51	74	49.35	38.82	11.98	56.66	155	32	P	V
802.11ac		10460	46.06	-27.94	74	54.36	38.32	9.26	55.88	150	360	P	H
VHT40		15690	44.2	-29.8	74	50.09	38.42	12.11	56.42	150	225	P	H
CH 46		10460	46.09	-27.91	74	54.39	38.32	9.26	55.88	151	360	P	V
5230MHz		15690	43.63	-30.37	74	49.52	38.42	12.11	56.42	159	241	P	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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5141.96	52.55	-21.45	74	47.05	32.24	6.04	32.78	254	38	P	H
		5149.76	44.43	-9.57	54	38.94	32.24	6.04	32.79	254	38	A	H
	*	5210	93.39	-	-	87.93	32.26	6.03	32.83	254	38	P	H
	*	5210	86.6	-	-	81.14	32.26	6.03	32.83	254	38	A	H
		5444.64	44.18	-29.82	74	38.75	32.34	6.06	32.97	254	38	P	H
		5458.08	35.55	-18.45	54	30.13	32.34	6.06	32.98	254	38	A	H
		5149.24	48.82	-25.18	74	43.33	32.24	6.04	32.79	125	16	P	V
		5149.76	39.24	-14.76	54	33.75	32.24	6.04	32.79	125	16	A	V
	*	5210	88.19	-	-	82.73	32.26	6.03	32.83	125	16	P	V
	*	5210	80.9	-	-	75.44	32.26	6.03	32.83	125	16	A	V
		5367.12	44.21	-29.79	74	38.81	32.31	6.01	32.92	125	16	P	V
		5449.44	35.64	-18.36	54	30.21	32.34	6.06	32.97	125	16	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		10420	46.22	-27.78	74	54.55	38.29	9.25	55.87	161	360	P	H
VHT80		15630	45.48	-28.52	74	51.39	38.59	12.02	56.52	161	0	P	H
CH 42		10420	45.57	-28.43	74	53.9	38.29	9.25	55.87	161	360	P	V
5210MHz		15630	46.12	-27.88	74	52.03	38.59	12.02	56.52	161	0	P	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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5146.9	51.67	-22.33	74	46.18	32.24	6.04	32.79	252	37	P	H
		5149.76	42.25	-11.75	54	36.76	32.24	6.04	32.79	252	37	A	H
	*	5210	91.6	-	-	86.14	32.26	6.03	32.83	252	37	P	H
	*	5210	85.37	-	-	79.91	32.26	6.03	32.83	252	37	A	H
		5432.4	45.14	-28.86	74	39.71	32.34	6.06	32.97	252	37	P	H
		5456.16	35.37	-18.63	54	29.95	32.34	6.06	32.98	252	37	A	H
		5141.18	45.48	-28.52	74	39.98	32.24	6.04	32.78	100	19	P	V
		5149.24	36.82	-17.18	54	31.33	32.24	6.04	32.79	100	19	A	V
	*	5210	87.57	-	-	82.11	32.26	6.03	32.83	100	19	P	V
	*	5210	80.42	-	-	74.96	32.26	6.03	32.83	100	19	A	V
		5396.16	44.06	-29.94	74	38.67	32.32	6.01	32.94	100	19	P	V
		5446.08	35.34	-18.66	54	29.91	32.34	6.06	32.97	100	19	A	V
Remark	3. No other spurious found. 4. 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		10420	44.75	-29.25	74	53.08	38.29	9.25	55.87	121	114	P	H
VHT80		15630	45.51	-28.49	74	51.42	38.59	12.02	56.52	155	360	P	H
CH 42		10420	45.71	-28.29	74	54.04	38.29	9.25	55.87	195	88	P	V
5210MHz		15630	45.08	-28.92	74	50.99	38.59	12.02	56.52	106	65	P	V
Remark	3. No other spurious found. 4. 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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5144.3	50.14	-23.86	74	44.65	32.24	6.04	32.79	284	49	P	H
		5150	41.25	-12.75	54	35.76	32.24	6.04	32.79	284	49	A	H
	*	5210	90.68	-	-	85.22	32.26	6.03	32.83	284	49	P	H
	*	5210	84.56	-	-	79.1	32.26	6.03	32.83	284	49	A	H
		5440.8	44.79	-29.21	74	39.36	32.34	6.06	32.97	284	49	P	H
		5454.72	35.31	-18.69	54	29.89	32.34	6.06	32.98	284	49	A	H
		5147.42	45.64	-28.36	74	40.15	32.24	6.04	32.79	117	4	P	V
		5150	37.1	-16.9	54	31.61	32.24	6.04	32.79	117	4	A	V
	*	5210	86.79	-	-	81.33	32.26	6.03	32.83	117	4	P	V
	*	5210	79.96	-	-	74.5	32.26	6.03	32.83	117	4	A	V
		5406	44.57	-29.43	74	39.19	32.32	6.01	32.95	117	4	P	V
		5440.32	35.41	-18.59	54	29.98	32.34	6.06	32.97	117	4	A	V
Remark	5. No other spurious found. 6. 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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	44.6	-29.4	74	52.93	38.29	9.25	55.87	185	227	P	H
VHT80		15630	44.74	-29.26	74	50.65	38.59	12.02	56.52	155	360	P	H
CH 42		10420	44.19	-29.81	74	52.52	38.29	9.25	55.87	133	254	P	V
5210MHz		15630	44.15	-29.85	74	50.06	38.59	12.02	56.52	128	360	P	V
Remark	5. No other spurious found. 6. 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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.72	49.7	-24.3	74	44.21	32.24	6.04	32.79	268	48	P	H
		5149.76	41.55	-12.45	54	36.06	32.24	6.04	32.79	268	48	A	H
	*	5210	90.93	-	-	85.47	32.26	6.03	32.83	268	48	P	H
	*	5210	84.7	-	-	79.24	32.26	6.03	32.83	268	48	A	H
		5429.76	44.54	-29.46	74	39.11	32.34	6.06	32.97	268	48	P	H
		5441.52	35.31	-18.69	54	29.88	32.34	6.06	32.97	268	48	A	H
		5001.04	44.64	-29.36	74	39.12	32.16	6.06	32.7	143	27	P	V
		5150	36.14	-17.86	54	30.65	32.24	6.04	32.79	143	27	A	V
	*	5210	87.03	-	-	81.57	32.26	6.03	32.83	143	27	P	V
	*	5210	80.3	-	-	74.84	32.26	6.03	32.83	143	27	A	V
		5406	44.6	-29.4	74	39.22	32.32	6.01	32.95	143	27	P	V
		5385.84	35.5	-18.5	54	30.11	32.32	6.01	32.94	143	27	A	V
Remark	7. No other spurious found. 8. 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		10420	44.9	-29.1	74	53.23	38.29	9.25	55.87	123	36	P	H
VHT80		15630	45.81	-28.19	74	51.72	38.59	12.02	56.52	105	20	P	H
CH 42		10420	44.92	-29.08	74	53.25	38.29	9.25	55.87	150	322	P	V
5210MHz		15630	46.12	-27.88	74	52.03	38.59	12.02	56.52	195	254	P	V
Remark	7. No other spurious found. 8. 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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5143.26	52.83	-21.17	74	47.33	32.24	6.04	32.78	220	0	P	H
		5150	42.92	-11.08	54	37.43	32.24	6.04	32.79	220	0	A	H
	*	5210	91	-	-	85.54	32.26	6.03	32.83	130	0	P	H
	*	5210	84.85	-	-	79.39	32.26	6.03	32.83	220	0	A	H
		5440.08	44.6	-29.4	74	39.17	32.34	6.06	32.97	220	0	P	H
		5456.16	35.42	-18.58	54	30	32.34	6.06	32.98	220	0	A	H
		5134.94	46.06	-27.94	74	40.56	32.24	6.04	32.78	105	19	P	V
		5150	37.34	-16.66	54	31.85	32.24	6.04	32.79	105	19	A	V
	*	5210	86.2	-	-	80.74	32.26	6.03	32.83	105	19	P	V
	*	5210	79.55	-	-	74.09	32.26	6.03	32.83	105	19	A	V
		5374.8	44.4	-29.6	74	39.02	32.31	6.01	32.94	105	19	P	V
		5438.4	35.24	-18.76	54	29.81	32.34	6.06	32.97	105	19	A	V
Remark	9. No other spurious found. 10. 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)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	46.23	-27.77	74	54.56	38.29	9.25	55.87	136	222	P	H
VHT80		15630	44.76	-29.24	74	50.67	38.59	12.02	56.52	128	254	P	H
CH 42		10420	44.18	-29.82	74	52.51	38.29	9.25	55.87	150	360	P	V
5210MHz		15630	45	-29	74	50.91	38.59	12.02	56.52	155	360	P	V
Remark	9. No other spurious found. 10. 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		5146.64	50.03	-23.97	74	44.54	32.24	6.04	32.79	117	50	P	H
		5150	41.44	-12.56	54	35.95	32.24	6.04	32.79	117	50	A	H
	*	5210	90.22	-	-	84.76	32.26	6.03	32.83	117	50	P	H
	*	5210	84.42	-	-	78.96	32.26	6.03	32.83	117	50	A	H
		5439.84	45.17	-28.83	74	39.74	32.34	6.06	32.97	117	50	P	H
		5438.88	35.71	-18.29	54	30.28	32.34	6.06	32.97	117	50	A	H
		5146.9	46.64	-27.36	74	41.15	32.24	6.04	32.79	134	18	P	V
		5150.02	37.17	-112.83	150	31.68	32.24	6.04	32.79	134	18	A	V
	*	5210	87.58	-	-	82.12	32.26	6.03	32.83	134	18	P	V
	*	5210	80.11	-	-	74.65	32.26	6.03	32.83	134	18	A	V
		5389.68	45	-29	74	39.61	32.32	6.01	32.94	134	18	P	V
		5426.88	35.56	-18.44	54	30.14	32.33	6.06	32.97	134	18	A	V
Remark	11. No other spurious found. 12. 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		10420	44.35	-29.65	74	52.68	38.29	9.25	55.87	120	119	P	H
VHT80		15630	44.93	-29.07	74	50.84	38.59	12.02	56.52	142	155	P	H
CH 42		10420	45.38	-28.62	74	53.71	38.29	9.25	55.87	131	225	P	V
5210MHz		15630	44.62	-29.38	74	50.53	38.59	12.02	56.52	166	360	P	V
Remark	11. No other spurious found. 12. 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		5077	45.83	-28.17	74	40.31	32.22	6.05	32.75	259	37	P	H
		5085.05	34.65	-19.35	54	29.13	32.22	6.05	32.75	259	37	A	H
	*	5260	99.57	-	-	94.12	32.28	6.03	32.86	259	37	P	H
	*	5260	94.08	-	-	88.63	32.28	6.03	32.86	259	37	A	H
		5426.64	44.35	-29.65	74	38.93	32.33	6.06	32.97	259	37	P	H
		5439.84	35.1	-18.9	54	29.67	32.34	6.06	32.97	259	37	A	H
		5037.45	44.9	-29.1	74	39.36	32.21	6.05	32.72	110	18	P	V
		5086.45	34.35	-19.65	54	28.83	32.22	6.05	32.75	110	18	A	V
	*	5260	97.22	-	-	91.77	32.28	6.03	32.86	110	18	P	V
	*	5260	91.72	-	-	86.27	32.28	6.03	32.86	110	18	A	V
		5400.48	44.28	-29.72	74	38.9	32.32	6.01	32.95	110	18	P	V
		5440.08	35.12	-18.88	54	29.69	32.34	6.06	32.97	110	18	A	V
802.11a CH 60 5300MHz		5047.95	44.26	-29.74	74	38.73	32.21	6.05	32.73	107	36	P	H
		5085.4	34.5	-19.5	54	28.98	32.22	6.05	32.75	107	36	A	H
	*	5300	99.53	-	-	94.11	32.29	6.02	32.89	107	36	P	H
	*	5300	93.92	-	-	88.5	32.29	6.02	32.89	107	36	A	H
		5367.6	45.33	-28.67	74	39.93	32.31	6.01	32.92	107	36	P	H
		5440.08	35.72	-18.28	54	30.29	32.34	6.06	32.97	107	36	A	H
		5013.3	44	-30	74	38.44	32.2	6.06	32.7	105	16	P	V
		5086.45	34.31	-19.69	54	28.79	32.22	6.05	32.75	105	16	A	V
	*	5300	97.78	-	-	92.36	32.29	6.02	32.89	105	16	P	V
	*	5300	91.68	-	-	86.26	32.29	6.02	32.89	105	16	A	V
		5431.44	44.48	-29.52	74	39.05	32.34	6.06	32.97	105	16	P	V
		5440.08	35.04	-18.96	54	29.61	32.34	6.06	32.97	105	16	A	V



802.11a CH 64 5320MHz	*	5320	100.75	-	-	95.32	32.3	6.02	32.89	252	37	P	H
	*	5320	94.99	-	-	89.56	32.3	6.02	32.89	252	37	A	H
		5442.56	45.62	-28.38	74	40.19	32.34	6.06	32.97	252	37	P	H
		5350.08	35.7	-18.3	54	30.3	32.31	6.01	32.92	252	37	A	H
	*	5320	97.65	-	-	92.22	32.3	6.02	32.89	101	16	P	V
	*	5320	92.38	-	-	86.95	32.3	6.02	32.89	101	16	A	V
		5377.6	44.89	-29.11	74	39.5	32.32	6.01	32.94	101	16	P	V
		5350.08	35.48	-18.52	54	30.08	32.31	6.01	32.92	101	16	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	46.5	-27.5	74	54.75	38.39	9.27	55.91	120	298	P	H
		15780	46.21	-27.79	74	52.12	38.14	12.2	56.25	192	39	P	H
		10520	47.22	-26.78	74	55.47	38.39	9.27	55.91	150	220	P	V
		15780	45.93	-28.07	74	51.84	38.14	12.2	56.25	159	345	P	V
802.11a CH 60 5300MHz		10600	46.29	-27.71	74	54.47	38.47	9.29	55.94	182	215	P	H
		15900	45.29	-28.71	74	51.22	37.74	12.34	56.01	196	18	P	H
		10600	46.33	-27.67	74	54.51	38.47	9.29	55.94	185	215	P	V
		15900	46.1	-27.9	74	52.03	37.74	12.34	56.01	196	190	P	V
802.11a CH 64 5320MHz		10640	46.65	-27.35	74	54.81	38.5	9.3	55.96	185	135	P	H
		15960	46.13	-27.87	74	52.06	37.51	12.43	55.87	173	296	P	H
		10640	46.64	-27.36	74	54.8	38.5	9.3	55.96	152	135	P	V
		15960	46	-28	74	51.93	37.51	12.43	55.87	173	245	P	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		5055.38	45.66	-28.34	74	40.12	32.22	6.05	32.73	167	57	P	H
		5056.68	35.7	-18.3	54	30.16	32.22	6.05	32.73	167	57	A	H
	*	5260	102.05	-	-	96.6	32.28	6.03	32.86	167	57	P	H
	*	5260	93.41	-	-	87.96	32.28	6.03	32.86	167	57	A	H
		5439.84	44.72	-29.28	74	39.29	32.34	6.06	32.97	167	57	P	H
		5440.08	35.37	-18.63	54	29.94	32.34	6.06	32.97	167	57	A	H
		5044.72	45.97	-28.03	74	40.44	32.21	6.05	32.73	111	2	P	V
		5060.84	35.59	-18.41	54	30.05	32.22	6.05	32.73	111	2	A	V
	*	5260	99.11	-	-	93.66	32.28	6.03	32.86	111	2	P	V
	*	5260	92.87	-	-	87.42	32.28	6.03	32.86	111	2	A	V
		5450.16	44.35	-29.65	74	38.93	32.34	6.06	32.98	111	2	P	V
		5440.08	35.39	-18.61	54	29.96	32.34	6.06	32.97	111	2	A	V
802.11ac VHT20 CH 60 5300MHz		5089.6	45.41	-28.59	74	39.88	32.23	6.05	32.75	167	57	P	H
		5061.25	35.74	-18.26	54	30.2	32.22	6.05	32.73	167	57	A	H
	*	5300	102.38	-	-	96.96	32.29	6.02	32.89	167	57	P	H
	*	5300	94.54	-	-	89.12	32.29	6.02	32.89	167	57	A	H
		5429.52	43.61	-30.39	74	38.18	32.34	6.06	32.97	167	57	P	H
		5440.08	35.3	-18.7	54	29.87	32.34	6.06	32.97	167	57	A	H
		5098	45.05	-28.95	74	39.53	32.23	6.05	32.76	100	20	P	V
		5063	35.66	-18.34	54	30.12	32.22	6.05	32.73	100	20	A	V
	*	5300	100.57	-	-	95.15	32.29	6.02	32.89	100	20	P	V
	*	5300	93.05	-	-	87.63	32.29	6.02	32.89	100	20	A	V
		5351.52	43.84	-30.16	74	38.44	32.31	6.01	32.92	100	20	P	V
		5440.08	35.42	-18.58	54	29.99	32.34	6.06	32.97	100	20	A	V



802.11ac VHT20 CH 64 5320MHz	*	5320	100.98	-	-	95.55	32.3	6.02	32.89	175	58	P	H
	*	5320	93.29	-	-	87.86	32.3	6.02	32.89	175	58	A	H
		5356.48	45.15	-28.85	74	39.75	32.31	6.01	32.92	175	58	P	H
		5350.08	35.27	-18.73	54	29.87	32.31	6.01	32.92	175	58	A	H
	*	5320	102.07	-	-	96.64	32.3	6.02	32.89	120	261	P	V
	*	5320	94.55	-	-	89.12	32.3	6.02	32.89	120	261	A	V
		5457.12	44.73	-29.27	74	39.31	32.34	6.06	32.98	120	261	P	V
		5350.4	36.15	-17.85	54	30.75	32.31	6.01	32.92	120	261	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		10520	44.8	-29.2	74	53.05	38.39	9.27	55.91	120	298	P	H
VHT20		15780	43.91	-30.09	74	49.82	38.14	12.2	56.25	192	39	P	H
CH 52		10520	46.05	-27.95	74	54.3	38.39	9.27	55.91	150	220	P	V
5260MHz		15780	43.87	-30.13	74	49.78	38.14	12.2	56.25	159	345	P	V
802.11ac		10600	44.91	-29.09	74	53.09	38.47	9.29	55.94	182	215	P	H
VHT20		15900	45.37	-28.63	74	51.3	37.74	12.34	56.01	196	18	P	H
CH 60		10600	45.71	-28.29	74	53.89	38.47	9.29	55.94	185	215	P	V
5300MHz		15900	44.02	-29.98	74	49.95	37.74	12.34	56.01	196	190	P	V
802.11ac		10640	46.08	-27.92	74	54.24	38.5	9.3	55.96	152	135	P	H
VHT20		15960	43.34	-30.66	74	49.27	37.51	12.43	55.87	173	245	P	H
CH 64		10640	45.41	-28.59	74	53.57	38.5	9.3	55.96	185	135	P	V
5320MHz		15960	43.72	-30.28	74	49.65	37.51	12.43	55.87	173	296	P	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		5145.6	45.65	-28.35	74	40.16	32.24	6.04	32.79	107	49	P	H
		5071.24	37.04	-16.96	54	31.52	32.22	6.05	32.75	107	49	A	H
	*	5270	96.76	-	-	91.31	32.28	6.03	32.86	107	49	P	H
	*	5270	89.71	-	-	84.26	32.28	6.03	32.86	107	49	A	H
		5459.28	44.12	-29.88	74	38.7	32.34	6.06	32.98	107	49	P	H
		5439.84	36.26	-17.74	54	30.83	32.34	6.06	32.97	107	49	A	H
		5070.2	45.44	-28.56	74	39.92	32.22	6.05	32.75	104	27	P	V
		5069.16	36.68	-17.32	54	31.16	32.22	6.05	32.75	104	27	A	V
	*	5270	94.27	-	-	88.82	32.28	6.03	32.86	104	27	P	V
	*	5270	87.61	-	-	82.16	32.28	6.03	32.86	104	27	A	V
		5400	45.25	-28.75	74	39.87	32.32	6.01	32.95	104	27	P	V
		5440.08	35.95	-18.05	54	30.52	32.34	6.06	32.97	104	27	A	V
802.11ac VHT40 CH 62 5310MHz		5149.1	45.45	-28.55	74	39.96	32.24	6.04	32.79	104	48	P	H
		5081.9	37.08	-16.92	54	31.56	32.22	6.05	32.75	104	48	A	H
	*	5310	96.15	-	-	90.72	32.3	6.02	32.89	104	48	P	H
	*	5310	89.61	-	-	84.18	32.3	6.02	32.89	104	48	A	H
		5350.08	47.5	-26.5	74	42.1	32.31	6.01	32.92	104	48	P	H
		5350.08	40.39	-13.61	54	34.99	32.31	6.01	32.92	104	48	A	H
		5091.7	44.74	-29.26	74	39.21	32.23	6.05	32.75	106	28	P	V
		5019.95	36.69	-17.31	54	31.15	32.2	6.06	32.72	106	28	A	V
	*	5310	94.78	-	-	89.35	32.3	6.02	32.89	106	28	P	V
	*	5310	88.55	-	-	83.12	32.3	6.02	32.89	106	28	A	V
		5352.72	46.9	-27.1	74	41.5	32.31	6.01	32.92	106	28	P	V
		5350.08	40.6	-13.4	54	35.2	32.31	6.01	32.92	106	28	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		10540	45.64	-28.36	74	53.88	38.4	9.28	55.92	189	86	P	H
VHT40		15810	44.07	-29.93	74	49.97	38.03	12.25	56.18	186	39	P	H
CH 54		10540	46.32	-27.68	74	54.56	38.4	9.28	55.92	150	220	P	V
5270MHz		15810	44.08	-29.92	74	49.98	38.03	12.25	56.18	168	345	P	V
802.11ac		10620	46.91	-27.09	74	55.08	38.48	9.3	55.95	180	220	P	H
VHT40		15930	43.91	-30.09	74	49.84	37.63	12.38	55.94	160	169	P	H
CH 62		10620	46.31	-27.69	74	54.48	38.48	9.3	55.95	150	220	P	V
5310MHz		15930	44.06	-29.94	74	49.99	37.63	12.38	55.94	160	100	P	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		5082.16	45.45	-28.55	74	39.93	32.22	6.05	32.75	263	36	P	H
		5004.16	36.82	-17.18	54	31.26	32.2	6.06	32.7	263	36	A	H
	*	5290	92.52	-	-	87.08	32.29	6.02	32.87	263	36	P	H
	*	5290	85.63	-	-	80.19	32.29	6.02	32.87	263	36	A	H
		5355.36	49.21	-24.79	74	43.81	32.31	6.01	32.92	263	36	P	H
		5350.32	39.96	-14.04	54	34.56	32.31	6.01	32.92	263	36	A	H
		5037.7	45.39	-28.61	74	39.85	32.21	6.05	32.72	125	14	P	V
		5089.44	36.48	-17.52	54	30.95	32.23	6.05	32.75	125	14	A	V
	*	5290	87.4	-	-	81.96	32.29	6.02	32.87	125	14	P	V
	*	5290	80.57	-	-	75.13	32.29	6.02	32.87	125	14	A	V
		5357.52	46.14	-27.86	74	40.74	32.31	6.01	32.92	125	14	P	V
		5351.28	38.55	-15.45	54	33.15	32.31	6.01	32.92	125	14	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		10580	46.34	-27.66	74	54.54	38.45	9.29	55.94	161	360	P	H
VHT80		15870	45.37	-28.63	74	51.32	37.8	12.29	56.04	161	0	P	H
CH 58		10580	46.31	-27.69	74	54.51	38.45	9.29	55.94	161	360	P	V
5290MHz		15870	45.6	-28.4	74	51.55	37.8	12.29	56.04	161	0	P	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		5469.36	46.28	-27.72	74	40.8	32.35	6.11	32.98	100	54	P	H
		5470	36.85	-17.15	54	31.37	32.35	6.11	32.98	100	54	A	H
	*	5500	103	-	-	97.53	32.36	6.11	33	100	54	P	H
	*	5500	95.39	-	-	89.92	32.36	6.11	33	100	54	A	H
		5393.68	44.75	-29.25	74	39.36	32.32	6.01	32.94	246	291	P	V
		5470	36.26	-17.74	54	30.78	32.35	6.11	32.98	246	291	A	V
	*	5500	101.21	-	-	95.74	32.36	6.11	33	246	291	P	V
	*	5500	94.49	-	-	89.02	32.36	6.11	33	246	291	A	V
802.11a CH 116 5580MHz		5352.16	45.06	-28.94	74	39.66	32.31	6.01	32.92	106	53	P	H
		5440	35.87	-18.13	54	30.44	32.34	6.06	32.97	106	53	A	H
	*	5580	101.34	-	-	95.7	32.38	6.22	32.96	106	53	P	H
	*	5580	95.26	-	-	89.62	32.38	6.22	32.96	106	53	A	H
		5741.375	43.67	-30.33	74	37.88	32.49	6.2	32.9	106	53	P	H
		5759.96	35.54	-18.46	54	29.72	32.51	6.2	32.89	106	53	A	H
		5455.12	44.91	-29.09	74	39.49	32.34	6.06	32.98	120	297	P	V
		5440	35.72	-18.28	54	30.29	32.34	6.06	32.97	120	297	A	V
	*	5580	100.16	-	-	94.52	32.38	6.22	32.96	120	297	P	V
	*	5580	94.79	-	-	89.15	32.38	6.22	32.96	120	297	A	V
		5754.92	44.34	-29.66	74	38.53	32.51	6.2	32.9	120	297	P	V
		5759.96	35.3	-18.7	54	29.48	32.51	6.2	32.89	120	297	A	V



802.11a CH 140 5700MHz	*	5700	100.41	-	-	94.66	32.45	6.22	32.92	115	0	P	H
	*	5700	95.13	-	-	89.38	32.45	6.22	32.92	115	0	A	H
		5726.84	46.86	-27.14	74	41.07	32.48	6.22	32.91	115	0	P	H
		5725	37.92	-16.08	54	32.13	32.48	6.22	32.91	115	0	A	H
	*	5700	99.83	-	-	94.08	32.45	6.22	32.92	164	297	P	V
	*	5700	94.1	-	-	88.35	32.45	6.22	32.92	164	297	A	V
		5725	47.57	-26.43	74	41.78	32.48	6.22	32.91	164	297	P	V
		5725	37.25	-16.75	54	31.46	32.48	6.22	32.91	164	297	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	47.24	-26.76	74	55.13	38.83	9.38	56.1	185	230	P	H
		16500	49.07	-24.93	74	52.23	39.48	13.41	56.05	178	291	P	H
		11000	47.17	-26.83	74	55.06	38.83	9.38	56.1	163	230	P	V
		16500	48.13	-25.87	74	51.29	39.48	13.41	56.05	178	296	P	V
802.11a CH 116 5580MHz		11160	47.41	-26.59	74	54.84	38.99	9.43	55.85	141	200	P	H
		16740	50.24	-23.76	74	52	40.46	13.95	56.17	156	354	P	H
		11160	48.42	-25.58	74	55.85	38.99	9.43	55.85	170	200	P	V
		16740	50.63	-23.37	74	52.39	40.46	13.95	56.17	156	350	P	V
802.11a CH 140 5700MHz		11400	48.89	-25.11	74	55.69	39.21	9.48	55.49	152	285	P	H
		17100	50.78	-23.22	74	50.34	42.16	14.66	56.38	161	0	P	H
		11400	48.88	-25.12	74	55.68	39.21	9.48	55.49	157	285	P	V
		17100	50.3	-23.7	74	49.86	42.16	14.66	56.38	161	0	P	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		5424.88	43.5	-30.5	74	38.13	32.33	6.01	32.97	175	58	P	H
		5469.84	35.57	-18.43	54	30.09	32.35	6.11	32.98	175	58	A	H
	*	5500	100.96	-	-	95.49	32.36	6.11	33	175	58	P	H
	*	5500	93.09	-	-	87.62	32.36	6.11	33	175	58	A	H
		5466.96	46.23	-27.77	74	40.75	32.35	6.11	32.98	104	314	P	V
		5439.92	36.48	-17.52	54	31.05	32.34	6.06	32.97	104	314	A	V
	*	5500	102.93	-	-	97.46	32.36	6.11	33	104	314	P	V
802.11ac VHT20 CH 116 5580MHz		5424.88	43.5	-30.5	74	38.13	32.33	6.01	32.97	175	58	P	H
		5469.84	35.57	-18.43	54	30.09	32.35	6.11	32.98	175	58	A	H
	*	5500	100.96	-	-	95.49	32.36	6.11	33	175	58	P	H
	*	5500	93.09	-	-	87.62	32.36	6.11	33	175	58	A	H
		5466.96	46.23	-27.77	74	40.75	32.35	6.11	32.98	104	314	P	V
		5439.92	36.48	-17.52	54	31.05	32.34	6.06	32.97	104	314	A	V
	*	5500	102.93	-	-	97.46	32.36	6.11	33	104	314	P	V
	*	5500	95.33	-	-	89.86	32.36	6.11	33	104	314	A	V
		5356.48	43.95	-30.05	74	38.55	32.31	6.01	32.92	213	47	P	H
		5440	35.74	-18.26	54	30.31	32.34	6.06	32.97	213	47	A	H
	*	5580	104.54	-	-	98.9	32.38	6.22	32.96	213	47	P	H
	*	5580	96.89	-	-	91.25	32.38	6.22	32.96	213	47	A	H
802.11ac VHT20 CH 116 5580MHz		5735.39	45.47	-28.53	74	39.66	32.49	6.22	32.9	213	47	P	H
		5759.96	36.35	-17.65	54	30.53	32.51	6.2	32.89	213	47	A	H
		5354.08	44.29	-29.71	74	38.89	32.31	6.01	32.92	224	314	P	V
		5440	36.35	-17.65	54	30.92	32.34	6.06	32.97	224	314	A	V
	*	5580	101.56	-	-	95.92	32.38	6.22	32.96	224	314	P	V
	*	5580	95.49	-	-	89.85	32.38	6.22	32.96	224	314	A	V
		5737.28	44.29	-29.71	74	38.48	32.49	6.22	32.9	224	314	P	V
		5759.96	36.09	-17.91	54	30.27	32.51	6.2	32.89	224	314	A	V



802.11ac VHT20 CH 140 5700MHz	*	5700	104.39	-	-	98.64	32.45	6.22	32.92	192	47	P	H
	*	5700	96.22	-	-	90.47	32.45	6.22	32.92	192	47	A	H
		5725.16	46.59	-27.41	74	40.8	32.48	6.22	32.91	192	47	P	H
		5725	40.08	-13.92	54	34.29	32.48	6.22	32.91	192	47	A	H
	*	5700	102.19	-	-	96.44	32.45	6.22	32.92	184	285	P	V
	*	5700	95.03	-	-	89.28	32.45	6.22	32.92	184	285	A	V
		5728.2	46.04	-27.96	74	40.25	32.48	6.22	32.91	184	285	P	V
		5725	39.43	-14.57	54	33.64	32.48	6.22	32.91	184	285	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		11000	45.85	-28.15	74	53.74	38.83	9.38	56.1	185	230	P	H
VHT20		16500	45.7	-28.3	74	48.86	39.48	13.41	56.05	178	291	P	H
CH 100		11000	46.5	-27.5	74	54.39	38.83	9.38	56.1	163	230	P	V
5500MHz		16500	45.28	-28.72	74	48.44	39.48	13.41	56.05	178	296	P	V
802.11ac		11160	47.14	-26.86	74	54.57	38.99	9.43	55.85	170	200	P	H
VHT20		16740	47.77	-26.23	74	49.53	40.46	13.95	56.17	156	350	P	H
CH 116		11160	46.61	-27.39	74	54.04	38.99	9.43	55.85	141	200	P	V
5580MHz		16740	48.24	-25.76	74	50	40.46	13.95	56.17	156	354	P	V
802.11ac		11400	48.86	-25.14	74	55.66	39.21	9.48	55.49	157	285	P	H
VHT20		17100	50.11	-23.89	74	49.67	42.16	14.66	56.38	165	246	P	H
CH 140		11400	48.84	-25.16	74	55.64	39.21	9.48	55.49	152	285	P	V
5700MHz		17100	50.34	-23.66	74	49.9	42.16	14.66	56.38	165	298	P	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		5467.84	48.23	-25.77	74	42.75	32.35	6.11	32.98	100	54	P	H
		5470	39.84	-14.16	54	34.36	32.35	6.11	32.98	100	54	A	H
	*	5510	96.98	-	-	91.44	32.36	6.17	32.99	100	54	P	H
	*	5510	90.13	-	-	84.59	32.36	6.17	32.99	100	54	A	H
		5764.37	44.1	-29.9	74	38.28	32.51	6.2	32.89	100	54	P	H
		5759.96	36.46	-17.54	54	30.64	32.51	6.2	32.89	100	54	A	H
		5469.04	47.39	-26.61	74	41.91	32.35	6.11	32.98	256	243	P	V
		5470	40.09	-13.91	54	34.61	32.35	6.11	32.98	256	243	A	V
	*	5510	96.57	-	-	91.03	32.36	6.17	32.99	256	243	P	V
	*	5510	89.59	-	-	84.05	32.36	6.17	32.99	256	243	A	V
		5744.21	43.46	-30.54	74	37.67	32.49	6.2	32.9	256	243	P	V
		5735.705	35.98	-18.02	54	30.17	32.49	6.22	32.9	256	243	A	V
802.11ac VHT40 CH 110 5550MHz		5419.36	45.28	-28.72	74	39.89	32.33	6.01	32.95	100	45	P	H
		5440	36.7	-17.3	54	31.27	32.34	6.06	32.97	100	45	A	H
	*	5550	97.45	-	-	91.84	32.37	6.22	32.98	100	45	P	H
	*	5550	90.79	-	-	85.18	32.37	6.22	32.98	100	45	A	H
		5743.58	47.2	-26.8	74	41.41	32.49	6.2	32.9	100	45	P	H
		5759.96	36.57	-17.43	54	30.75	32.51	6.2	32.89	100	45	A	H
		5352.88	43.84	-30.16	74	38.44	32.31	6.01	32.92	118	289	P	V
		5440	37.01	-16.99	54	31.58	32.34	6.06	32.97	118	289	A	V
	*	5550	96.76	-	-	91.15	32.37	6.22	32.98	118	289	P	V
	*	5550	90.01	-	-	84.4	32.37	6.22	32.98	118	289	A	V
		5747.36	45.84	-28.16	74	40.05	32.49	6.2	32.9	118	289	P	V
		5759.96	36.26	-17.74	54	30.44	32.51	6.2	32.89	118	289	A	V



802.11ac VHT40 CH 134 5670MHz		5435.4	44.59	-29.41	74	39.16	32.34	6.06	32.97	100	1	P	H
		5439.95	36.18	-17.82	54	30.75	32.34	6.06	32.97	100	1	A	H
	*	5670	98.67	-	-	92.94	32.43	6.23	32.93	100	1	P	H
	*	5670	91.6	-	-	85.87	32.43	6.23	32.93	100	1	A	H
		5760.275	44.75	-29.25	74	38.93	32.51	6.2	32.89	100	1	P	H
		5759.75	37.49	-16.51	54	31.67	32.51	6.2	32.89	100	1	A	H
		5460.95	45.62	-28.38	74	40.2	32.34	6.06	32.98	141	270	P	V
		5439.95	37.08	-16.92	54	31.65	32.34	6.06	32.97	141	270	A	V
	*	5670	96.16	-	-	90.43	32.43	6.23	32.93	141	270	P	V
	*	5670	89.43	-	-	83.7	32.43	6.23	32.93	141	270	A	V
		5733.15	45.9	-28.1	74	40.1	32.48	6.22	32.9	141	270	P	V
		5759.75	36.88	-17.12	54	31.06	32.51	6.2	32.89	141	270	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		11020	46.45	-27.55	74	54.29	38.84	9.39	56.07	170	230	P	H
VHT40		16530	46.97	-27.03	74	49.94	39.62	13.48	56.07	160	300	P	H
CH 102		11020	46.65	-27.35	74	54.49	38.84	9.39	56.07	170	86	P	V
5510MHz		16530	46.62	-27.38	74	49.59	39.62	13.48	56.07	160	59	P	V
802.11ac		11100	45.95	-28.05	74	53.57	38.92	9.41	55.95	185	200	P	H
VHT40		16650	48.03	-25.97	74	50.33	40.11	13.72	56.13	180	325	P	H
CH 110		11100	46.45	-27.55	74	54.07	38.92	9.41	55.95	196	200	P	V
5550MHz		16650	47.65	-26.35	74	49.95	40.11	13.72	56.13	180	314	P	V
802.11ac		11340	48.09	-25.91	74	55.08	39.14	9.46	55.59	200	360	P	H
VHT40		17010	49.53	-24.47	74	49.73	41.61	14.5	56.31	200	360	P	H
CH 134		11340	48.11	-25.89	74	55.1	39.14	9.46	55.59	100	360	P	V
5670MHz		17010	49.89	-24.11	74	50.09	41.61	14.5	56.31	200	360	P	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		5467.12	49.37	-24.63	74	43.89	32.35	6.11	32.98	252	52	P	H
		5469.28	40.06	-13.94	54	34.58	32.35	6.11	32.98	252	52	A	H
	*	5530	92.85	-	-	87.3	32.36	6.17	32.98	252	52	P	H
	*	5530	85.89	-	-	80.34	32.36	6.17	32.98	252	52	A	H
		5725.625	44.35	-29.65	74	38.56	32.48	6.22	32.91	252	52	P	H
		5727.515	36.22	-17.78	54	30.43	32.48	6.22	32.91	252	52	A	H
		5467.12	47.35	-26.65	74	41.87	32.35	6.11	32.98	104	16	P	V
		5469.76	39.17	-14.83	54	33.69	32.35	6.11	32.98	104	16	A	V
	*	5530	90.87	-	-	85.32	32.36	6.17	32.98	104	16	P	V
	*	5530	82.55	-	-	77	32.36	6.17	32.98	104	16	A	V
		5749.25	43.23	-30.77	74	37.44	32.49	6.2	32.9	104	16	P	V
		5742.635	35.95	-18.05	54	30.16	32.49	6.2	32.9	104	16	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		11060	46.16	-27.84	74	53.87	38.89	9.4	56	161	360	P	H
VHT80		16590	47.84	-26.16	74	50.47	39.83	13.64	56.1	161	0	P	H
CH 106		11060	45.8	-28.2	74	53.51	38.89	9.4	56	161	360	P	V
5530MHz		16590	47.61	-26.39	74	50.24	39.83	13.64	56.1	161	0	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 (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		5629	45.3	-22.9	68.2	39.6	32.39	6.25	32.94	142	44	P	H
		5676.8	45.85	-42.22	88.07	40.12	32.43	6.23	32.93	142	44	P	H
		5704.6	46.68	-59.81	106.49	40.92	32.46	6.22	32.92	142	44	P	H
		5725	59.56	-62.64	122.2	53.77	32.48	6.22	32.91	142	44	P	H
	*	5745	103.93	-	-	98.14	32.49	6.2	32.9	142	44	P	H
	*	5745	97.32	-	-	91.53	32.49	6.2	32.9	142	44	A	H
		5619.2	45.32	-22.88	68.2	39.61	32.39	6.27	32.95	143	295	P	V
		5653.4	44.4	-26.33	70.73	38.67	32.42	6.25	32.94	143	295	P	V
		5718	46.33	-63.91	110.24	40.54	32.48	6.22	32.91	143	295	P	V
		5724	53.81	-66.11	119.92	48.02	32.48	6.22	32.91	143	295	P	V
	*	5745	102.53	-	-	96.74	32.49	6.2	32.9	143	295	P	V
	*	5745	95.55	-	-	89.76	32.49	6.2	32.9	143	295	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		5613.8	45.54	-22.66	68.2	39.83	32.39	6.27	32.95	144	42	P	H
		5659.4	44.91	-30.27	75.18	39.17	32.42	6.25	32.93	144	42	P	H
		5713.8	44.02	-65.05	109.07	38.25	32.46	6.22	32.91	144	42	P	H
		5724.2	43.65	-76.73	120.38	37.86	32.48	6.22	32.91	144	42	P	H
	*	5785	103.73	-	-	97.91	32.52	6.18	32.88	144	42	P	H
	*	5785	96.4	-	-	90.58	32.52	6.18	32.88	144	42	A	H
		5850.2	45.41	-76.33	121.74	39.4	32.58	6.29	32.86	144	42	P	H
		5858.6	45.96	-63.83	109.79	39.81	32.6	6.4	32.85	144	42	P	H
		5905.2	45.29	-37.52	82.81	38.89	32.72	6.52	32.84	144	42	P	H
		5937.4	44.98	-23.22	68.2	38.41	32.76	6.63	32.82	144	42	P	H
		5601.2	44.19	-24.01	68.2	38.49	32.39	6.27	32.96	143	296	P	V
		5673.4	45.24	-40.32	85.56	39.51	32.43	6.23	32.93	143	296	P	V
		5708.6	44.01	-63.6	107.61	38.24	32.46	6.22	32.91	143	296	P	V
		5722.2	43.41	-72.41	115.82	37.62	32.48	6.22	32.91	143	296	P	V
	*	5785	101.78	-	-	95.96	32.52	6.18	32.88	143	296	P	V
	*	5785	94.96	-	-	89.14	32.52	6.18	32.88	143	296	A	V
		5852.6	44.26	-72.01	116.27	38.25	32.58	6.29	32.86	143	296	P	V
		5865.2	44.57	-63.37	107.94	38.42	32.6	6.4	32.85	143	296	P	V
		5888.4	45.75	-49.5	95.25	39.51	32.68	6.4	32.84	143	296	P	V
		5938.8	45.56	-22.64	68.2	38.95	32.8	6.63	32.82	143	296	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	102.21	-	-	96.22	32.57	6.29	32.87	144	43	P	H
	*	5825	95.56	-	-	89.57	32.57	6.29	32.87	144	43	A	H
		5854	45.68	-67.4	113.08	39.65	32.6	6.29	32.86	144	43	P	H
		5870	45.37	-61.23	106.6	39.22	32.6	6.4	32.85	144	43	P	H
		5922.6	45.59	-24.38	69.97	39.14	32.76	6.52	32.83	144	43	P	H
		5944.2	45.24	-22.96	68.2	38.63	32.8	6.63	32.82	144	43	P	H
	*	5825	101.9	-	-	95.91	32.57	6.29	32.87	140	309	P	V
	*	5825	94.78	-	-	88.79	32.57	6.29	32.87	140	309	A	V
		5852.2	46.63	-70.55	117.18	40.62	32.58	6.29	32.86	140	309	P	V
		5859.8	46.32	-63.13	109.45	40.17	32.6	6.4	32.85	140	309	P	V
		5916.2	46.18	-28.51	74.69	39.77	32.72	6.52	32.83	140	309	P	V
		5948.4	44.73	-23.47	68.2	38.12	32.8	6.63	32.82	140	309	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	49.59	-24.41	74	56.17	39.28	9.5	55.36	187	166	P	H
		17235	56.64	-11.56	68.2	55.2	43.04	14.89	56.49	156	246	P	H
		11490	50.99	-23.01	74	57.57	39.28	9.5	55.36	187	166	P	V
		17235	56.57	-11.63	68.2	55.13	43.04	14.89	56.49	156	246	P	V
802.11a CH 157 5785MHz		11570	49.57	-24.43	74	55.99	39.3	9.52	55.24	175	198	P	H
		17355	57.5	-10.7	68.2	55.15	43.81	15.12	56.58	189	185	P	H
		11570	49.78	-24.22	74	56.2	39.3	9.52	55.24	175	198	P	V
		17355	57.72	-10.48	68.2	55.37	43.81	15.12	56.58	189	185	P	V
802.11a CH 165 5825MHz		11650	49.32	-24.68	74	55.61	39.3	9.54	55.13	200	183	P	H
		17475	58.35	-9.85	68.2	55.09	44.58	15.36	56.68	127	311	P	H
		11650	49.5	-24.5	74	55.79	39.3	9.54	55.13	156	347	P	V
		17475	57.9	-10.3	68.2	54.64	44.58	15.36	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		5635.2	45.18	-23.02	68.2	39.47	32.4	6.25	32.94	141	42	P	H
		5655.8	45.01	-27.5	72.51	39.27	32.42	6.25	32.93	141	42	P	H
		5719.4	46.59	-64.04	110.63	40.8	32.48	6.22	32.91	141	42	P	H
		5723.4	56.72	-61.83	118.55	50.93	32.48	6.22	32.91	141	42	P	H
	*	5745	102.45	-	-	96.66	32.49	6.2	32.9	141	42	P	H
	*	5745	95.55	-	-	89.76	32.49	6.2	32.9	141	42	A	H
		5635.8	45.63	-22.57	68.2	39.92	32.4	6.25	32.94	143	278	P	V
		5694.6	45.73	-55.49	101.22	39.97	32.45	6.23	32.92	143	278	P	V
		5719.8	48.4	-62.34	110.74	42.61	32.48	6.22	32.91	143	278	P	V
		5724.6	56.18	-65.11	121.29	50.39	32.48	6.22	32.91	143	278	P	V
	*	5745	101.23	-	-	95.44	32.49	6.2	32.9	143	278	P	V
	*	5745	94.34	-	-	88.55	32.49	6.2	32.9	143	278	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		5649.4	44.54	-23.66	68.2	38.83	32.4	6.25	32.94	143	42	P	H
		5685.6	44.92	-49.66	94.58	39.16	32.45	6.23	32.92	143	42	P	H
		5707.2	45.34	-61.88	107.22	39.57	32.46	6.22	32.91	143	42	P	H
		5724.8	42.31	-79.43	121.74	36.52	32.48	6.22	32.91	143	42	P	H
	*	5785	101.3	-	-	95.48	32.52	6.18	32.88	143	42	P	H
	*	5785	94.8	-	-	88.98	32.52	6.18	32.88	143	42	A	H
		5850.2	43.83	-77.91	121.74	37.82	32.58	6.29	32.86	143	42	P	H
		5857.4	44.97	-65.16	110.13	38.83	32.6	6.4	32.86	143	42	P	H
		5887	45.61	-50.68	96.29	39.41	32.64	6.4	32.84	143	42	P	H
		5941.4	44.5	-23.7	68.2	37.89	32.8	6.63	32.82	143	42	P	H
		5602.2	45.29	-22.91	68.2	39.59	32.39	6.27	32.96	140	278	P	V
		5670.8	44.66	-38.97	83.63	38.93	32.43	6.23	32.93	140	278	P	V
		5703.2	44.52	-61.58	106.1	38.76	32.46	6.22	32.92	140	278	P	V
		5723.4	44.49	-74.06	118.55	38.7	32.48	6.22	32.91	140	278	P	V
	*	5785	100.14	-	-	94.32	32.52	6.18	32.88	140	278	P	V
	*	5785	93.7	-	-	87.88	32.52	6.18	32.88	140	278	A	V
		5852.6	44.05	-72.22	116.27	38.04	32.58	6.29	32.86	140	278	P	V
		5859	44.74	-64.94	109.68	38.59	32.6	6.4	32.85	140	278	P	V
		5908.2	45.81	-34.79	80.6	39.41	32.72	6.52	32.84	140	278	P	V
		5946.2	44.88	-23.32	68.2	38.27	32.8	6.63	32.82	140	278	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	100.57	-	-	94.58	32.57	6.29	32.87	145	42	P	H
	*	5825	94.12	-	-	88.13	32.57	6.29	32.87	145	42	A	H
		5851.4	46.64	-72.37	119.01	40.63	32.58	6.29	32.86	145	42	P	H
		5871.6	45.51	-60.64	106.15	39.32	32.64	6.4	32.85	145	42	P	H
		5906.6	46.17	-35.61	81.78	39.77	32.72	6.52	32.84	145	42	P	H
		5933.4	44.69	-23.51	68.2	38.24	32.76	6.52	32.83	145	42	P	H
	*	5825	99.75	-	-	93.76	32.57	6.29	32.87	140	279	P	V
	*	5825	93.4	-	-	87.41	32.57	6.29	32.87	140	279	A	V
		5850.2	47.46	-74.28	121.74	41.45	32.58	6.29	32.86	140	279	P	V
		5865.4	44.92	-62.97	107.89	38.77	32.6	6.4	32.85	140	279	P	V
		5908.2	44.95	-35.65	80.6	38.55	32.72	6.52	32.84	140	279	P	V
		5937.4	46.64	-21.56	68.2	40.07	32.76	6.63	32.82	140	279	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		11490	48.98	-25.02	74	55.56	39.28	9.5	55.36	187	166	P	H
VHT20		17235	57.29	-10.91	68.2	55.85	43.04	14.89	56.49	156	246	P	H
CH 149		11490	49.23	-24.77	74	55.81	39.28	9.5	55.36	160	360	P	V
5745MHz		17235	56.8	-11.4	68.2	55.36	43.04	14.89	56.49	170	360	P	V
802.11ac		11570	49.14	-24.86	74	55.56	39.3	9.52	55.24	175	198	P	H
VHT20		17355	57.4	-10.8	68.2	55.05	43.81	15.12	56.58	189	185	P	H
CH 157		11570	49.08	-24.92	74	55.5	39.3	9.52	55.24	175	198	P	V
5785MHz		17355	58.05	-10.15	68.2	55.7	43.81	15.12	56.58	189	185	P	V
802.11ac		11650	50.23	-23.77	74	56.52	39.3	9.54	55.13	200	183	P	H
VHT20		17475	58.11	-10.09	68.2	54.85	44.58	15.36	56.68	127	311	P	H
CH 165		11650	49.19	-24.81	74	55.48	39.3	9.54	55.13	156	347	P	V
5825MHz		17472	57.3	-10.9	68.2	54.04	44.58	15.36	56.68	161	0	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		5648	45.92	-22.28	68.2	40.21	32.4	6.25	32.94	160	41	P	H
		5697.2	45.12	-58.02	103.14	39.36	32.45	6.23	32.92	160	41	P	H
		5719.2	53.12	-57.46	110.58	47.33	32.48	6.22	32.91	160	41	P	H
		5721.2	53.84	-59.7	113.54	48.05	32.48	6.22	32.91	160	41	P	H
	*	5755	97.82	-	-	92.01	32.51	6.2	32.9	160	41	P	H
	*	5755	90.85	-	-	85.04	32.51	6.2	32.9	160	41	A	H
		5850	44.14	-78.06	122.2	38.13	32.58	6.29	32.86	160	41	P	H
		5873.2	44.46	-61.24	105.7	38.27	32.64	6.4	32.85	160	41	P	H
		5909.6	45.97	-33.59	79.56	39.56	32.72	6.52	32.83	160	41	P	H
		5933.8	45.57	-22.63	68.2	39.01	32.76	6.63	32.83	160	41	P	H
		5617.4	44.57	-23.63	68.2	38.86	32.39	6.27	32.95	155	280	P	V
		5672.6	44.97	-39.99	84.96	39.24	32.43	6.23	32.93	155	280	P	V
		5714.6	48.36	-60.93	109.29	42.59	32.46	6.22	32.91	155	280	P	V
		5724	50.59	-69.33	119.92	44.8	32.48	6.22	32.91	155	280	P	V
	*	5755	95.48	-	-	89.67	32.51	6.2	32.9	155	280	P	V
	*	5755	89.02	-	-	83.21	32.51	6.2	32.9	155	280	A	V
		5853.6	45.08	-68.91	113.99	39.05	32.6	6.29	32.86	155	280	P	V
		5873.2	44.49	-61.21	105.7	38.3	32.64	6.4	32.85	155	280	P	V
		5921.4	45.97	-24.88	70.85	39.56	32.72	6.52	32.83	155	280	P	V
		5934	45.87	-22.33	68.2	39.31	32.76	6.63	32.83	155	280	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		5637.4	45.44	-22.76	68.2	39.73	32.4	6.25	32.94	146	43	P	H
		5662.2	45.1	-32.16	77.26	39.38	32.42	6.23	32.93	146	43	P	H
		5709.2	44.68	-63.1	107.78	38.91	32.46	6.22	32.91	146	43	P	H
		5722.4	43.8	-72.47	116.27	38.01	32.48	6.22	32.91	146	43	P	H
	*	5795	97.26	-	-	91.42	32.54	6.18	32.88	146	43	P	H
	*	5795	89.84	-	-	84	32.54	6.18	32.88	146	43	A	H
		5850	45.54	-76.66	122.2	39.53	32.58	6.29	32.86	146	43	P	H
		5861.2	44.59	-64.47	109.06	38.44	32.6	6.4	32.85	146	43	P	H
		5902.2	45.25	-39.78	85.03	38.89	32.68	6.52	32.84	146	43	P	H
		5936.8	44.32	-23.88	68.2	37.75	32.76	6.63	32.82	146	43	P	H
		5616.8	45.06	-23.14	68.2	39.35	32.39	6.27	32.95	155	281	P	V
		5680.2	45.33	-45.26	90.59	39.59	32.43	6.23	32.92	155	281	P	V
		5714	44.86	-64.26	109.12	39.09	32.46	6.22	32.91	155	281	P	V
		5723.8	44.05	-75.41	119.46	38.26	32.48	6.22	32.91	155	281	P	V
	*	5795	95.81	-	-	89.97	32.54	6.18	32.88	155	281	P	V
	*	5795	88.51	-	-	82.67	32.54	6.18	32.88	155	281	A	V
		5854.4	45.44	-66.73	112.17	39.41	32.6	6.29	32.86	155	281	P	V
		5855.8	44.67	-65.91	110.58	38.53	32.6	6.4	32.86	155	281	P	V
		5888.8	46.44	-48.52	94.96	40.2	32.68	6.4	32.84	155	281	P	V
		5932.8	45.43	-22.77	68.2	38.98	32.76	6.52	32.83	155	281	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		11510	49.4	-24.6	74	55.94	39.3	9.5	55.34	160	360	P	H
VHT40		17265	56.83	-11.37	68.2	55.12	43.26	14.97	56.52	170	360	P	H
CH 151		11510	49.96	-24.04	74	56.5	39.3	9.5	55.34	160	360	P	V
5755MHz		17265	57.77	-10.43	68.2	56.06	43.26	14.97	56.52	170	360	P	V
802.11ac		11590	49.77	-24.23	74	56.15	39.3	9.53	55.21	170	300	P	H
VHT40		17385	57.26	-10.94	68.2	54.64	44.03	15.2	56.61	150	200	P	H
CH 159		11590	49.28	-24.72	74	55.66	39.3	9.53	55.21	170	300	P	V
5795MHz		17385	57.67	-10.53	68.2	55.05	44.03	15.2	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		5632.8	47.34	-20.86	68.2	41.63	32.4	6.25	32.94	139	43	P	H
		5699.4	47.87	-56.89	104.76	42.11	32.45	6.23	32.92	139	43	P	H
		5710.8	49.59	-58.64	108.23	43.82	32.46	6.22	32.91	139	43	P	H
		5725	51.24	-70.96	122.2	45.45	32.48	6.22	32.91	139	43	P	H
	*	5775	92.67	-	-	86.84	32.52	6.2	32.89	139	43	P	H
	*	5775	85.69	-	-	79.86	32.52	6.2	32.89	139	43	A	H
		5850.4	46.47	-74.82	121.29	40.46	32.58	6.29	32.86	139	43	P	H
		5857.8	45.96	-64.05	110.01	39.81	32.6	6.4	32.85	139	43	P	H
		5884.4	44.82	-53.4	98.22	38.62	32.64	6.4	32.84	139	43	P	H
		5945.4	45.21	-22.99	68.2	38.6	32.8	6.63	32.82	139	43	P	H
		5636	45.6	-22.6	68.2	39.89	32.4	6.25	32.94	138	278	P	V
		5687.8	46.66	-49.54	96.2	40.9	32.45	6.23	32.92	138	278	P	V
		5716.6	49.03	-60.82	109.85	43.26	32.46	6.22	32.91	138	278	P	V
		5724.8	48.65	-73.09	121.74	42.86	32.48	6.22	32.91	138	278	P	V
	*	5775	90.91	-	-	85.08	32.52	6.2	32.89	138	278	P	V
	*	5775	83.64	-	-	77.81	32.52	6.2	32.89	138	278	A	V
		5851.6	46.12	-72.43	118.55	40.11	32.58	6.29	32.86	138	278	P	V
		5859.6	45.11	-64.4	109.51	38.96	32.6	6.4	32.85	138	278	P	V
		5892.6	45.28	-46.86	92.14	39.04	32.68	6.4	32.84	138	278	P	V
		5932.6	44.75	-23.45	68.2	38.3	32.76	6.52	32.83	138	278	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		11550	49.78	-24.22	74	56.22	39.3	9.52	55.26	160	360	P	H
VHT80		17325	56.9	-11.3	68.2	54.75	43.59	15.12	56.56	170	360	P	H
CH 155		11550	49.21	-24.79	74	55.65	39.3	9.52	55.26	160	360	P	V
5775MHz		17325	56.42	-11.78	68.2	54.27	43.59	15.12	56.56	170	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 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)
802.11ac VHT80 LF		30	24.35	-15.65	40	31.27	24.8	0.25	31.97			P	H
		55.22	21.92	-18.08	40	40.06	13	0.78	31.92			P	H
		109.54	27.85	-15.65	43.5	41.72	16.72	1.1	31.69			P	H
		157.07	30.95	-12.55	43.5	44.61	16.56	1.29	31.51			P	H
		214.3	32.41	-11.09	43.5	46.83	15.24	1.64	31.3	100	56	P	H
		784.66	31.47	-14.53	46	31.3	28.22	3.12	31.17			P	H
		30	30.26	-9.74	40	37.18	24.8	0.25	31.97			P	V
		56.19	33.31	-6.69	40	51.68	12.76	0.79	31.92	156	123	P	V
		108.57	33.04	-10.46	43.5	46.99	16.66	1.09	31.7			P	V
		157.07	34.87	-8.63	43.5	48.53	16.56	1.29	31.51			P	V
		212.36	34.62	-8.88	43.5	49.08	15.22	1.63	31.31			P	V
		561.56	32.81	-13.19	46	36.41	25.06	2.59	31.25			P	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”.



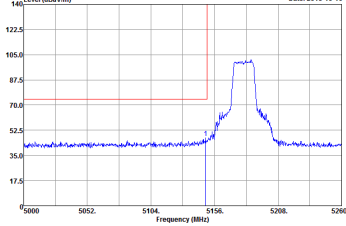
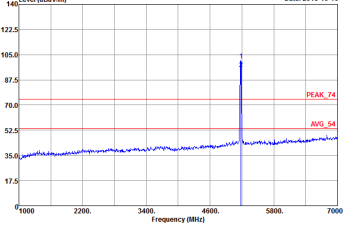
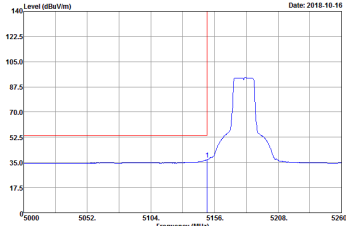
Appendix C. Radiated Spurious Emission Plots

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	Date: 1 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 1 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Date: 3 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 1 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17
Avg.	Date: 2 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 1 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	Date: 4 Date: 2018-10-16 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 1 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Date: 6 Date: 2018-10-16 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 1 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17
Avg.	Date: 5 Date: 2018-10-16 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 1 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	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 : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : REVW-1000.000kHz VSW-3000.000kHz Mode : BO1708 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : REVW-1000.000kHz VSW-3000.000kHz Mode : BO1708 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL Project : REVW-1000.000kHz VSW-1.000kHz Mode : BO1708 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Left blank

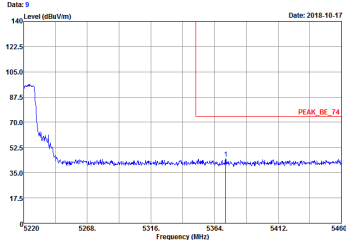
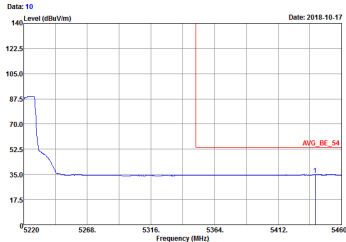


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM power setting 17	Left blank
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM power setting 17	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 2 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 2 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 2 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 3000.000kHz Project : BO1708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM power setting 17	Left blank
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 1.000kHz Project : BO1708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM power setting 17	Left blank

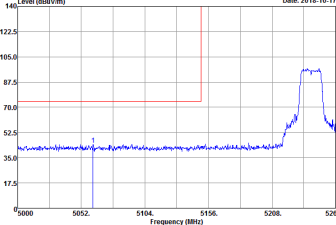
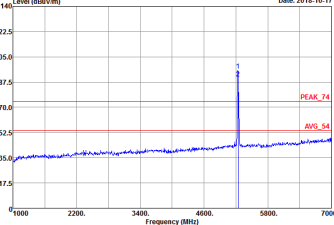
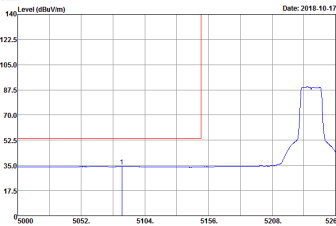


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-3000.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-3000.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17	Left blank

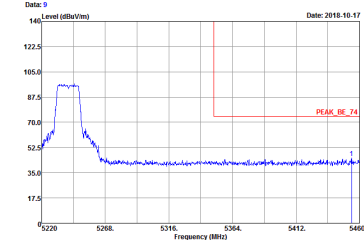
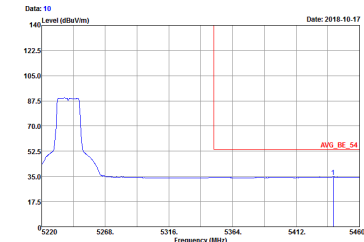


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT_91200-1474-18 HORIZONTAL Project : B01708 Mode : Mode 3 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT_91200-1474-18 HORIZONTAL Project : B01708 Mode : Mode 3 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank

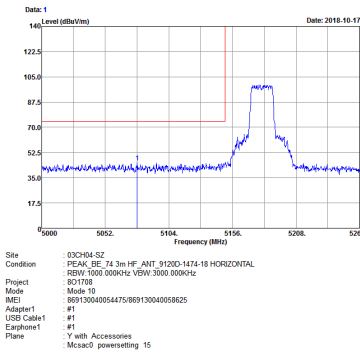
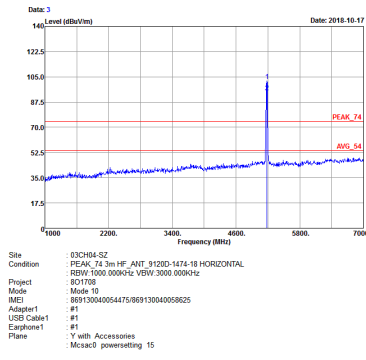
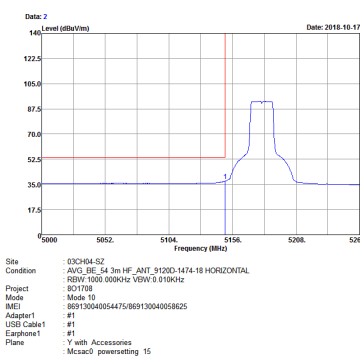


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 3 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 3000.000kHz Project : BO1708 Mode : Mode 3 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	Left blank
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 1.000kHz Project : BO1708 Mode : Mode 3 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	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		
Avg.		Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 10 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 10 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:0.010kHz Project : BO1708 Mode : Mode 10 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15	Left blank

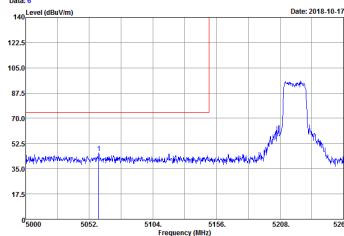
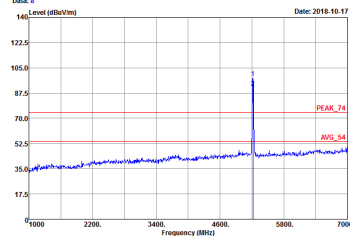
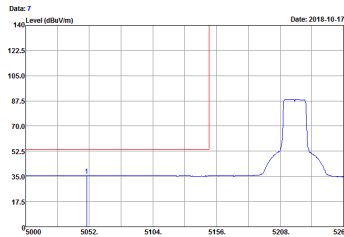


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REW:1000.000KHz VSW:3000.000KHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REW:1000.000KHz VSW:3000.000KHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REW:1000.000KHz VSW:0.0190KHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 15	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL REW 1000.000kHz VSW 3000.000kHz Project : B01708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa2 powersetting 15	Left blank
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 HORIZONTAL REW 1000.000kHz VSW 3.0190kHz Project : B01708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa2 powersetting 15	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:0.010kHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW 3000.000kHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 15	Left blank
Avg.	Date: 10 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW 3.0190kHz Project : BO1708 Mode : Mode 11 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 15	Left blank

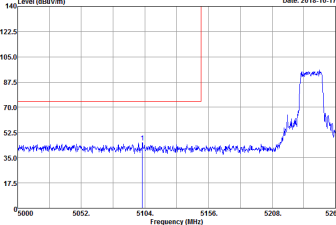
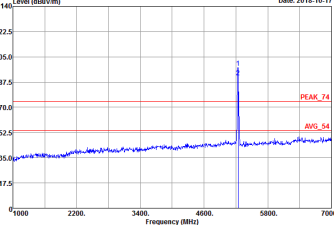
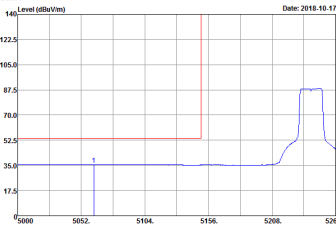


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:3000.000kHz Project : 801708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:3000.000kHz Project : 801708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:0.0190kHz Project : 801708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 12 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mica20 powersetting 15	Left blank
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 12 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mica20 powersetting 15	Left blank

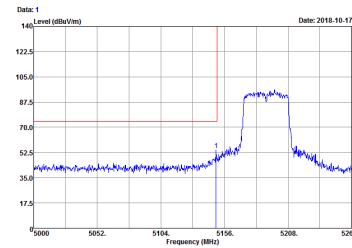
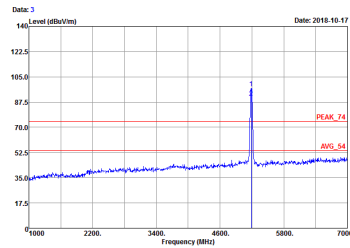
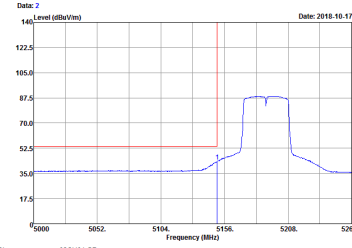


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REW:1000.000kHz VBW:0.010kHz Project : BO1708 Mode : Mode 12 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Date: 2018-10-17 PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW 3000.000kHz Project : BO1708 Mode : Mode 12 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 15	Left blank
Avg.	Date: 10 Level (dBuV/m) Date: 2018-10-17 AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW 3000.000kHz Project : BO1708 Mode : Mode 12 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 15	Left blank

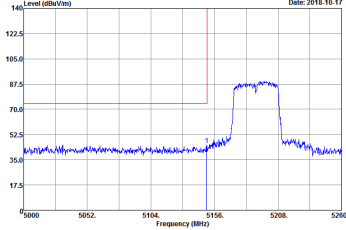
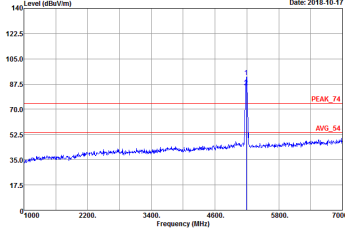
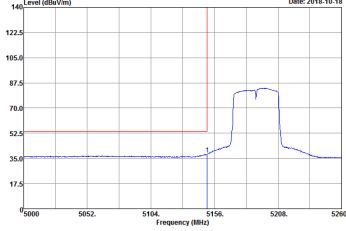
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:3000.000kHz BOI:1708 Project : Mode 19 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 14	 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:3000.000kHz BOI:1708 Project : Mode 19 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 14
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REBW:1000.000kHz VBW:1.000kHz BOI:1708 Project : Mode 19 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mscac0 powersetting 14	Left blank

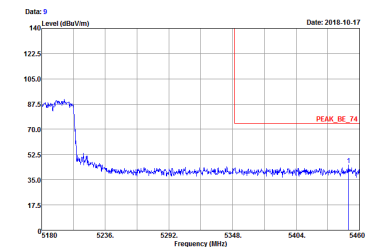
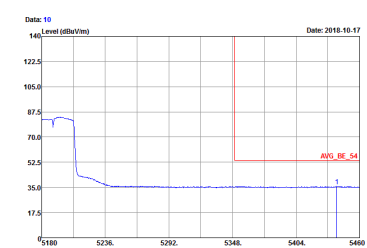


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 19 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Fundamental
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 19 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Fundamental

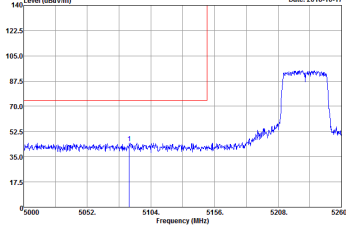
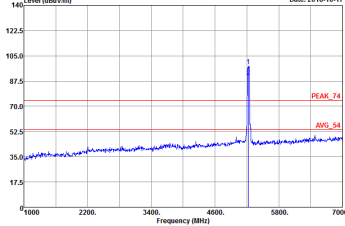
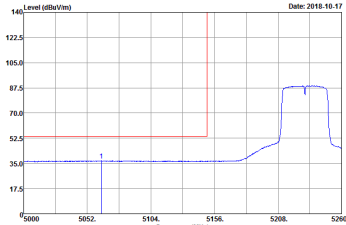


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 19 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 19 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 19 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 3000.000kHz Project : BO1708 Mode : Mode 19 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Left blank
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 1.000kHz Project : BO1708 Mode : Mode 19 MEI : 86913004054475/86913004058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Left blank

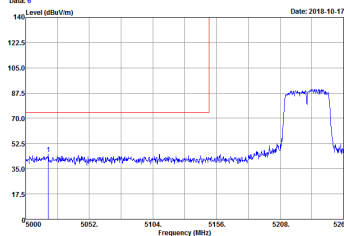
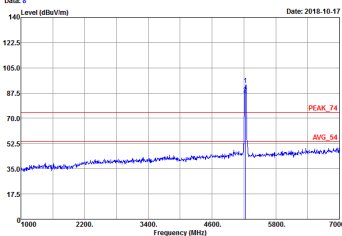
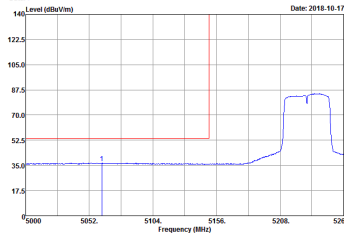


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH04-SZ PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF-1000.000kHz VSW-3000.000kHz Project : 801708 Mode : Mode 20 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Date: 3 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH04-SZ PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF-1000.000kHz VSW-3000.000kHz Project : 801708 Mode : Mode 20 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14
Avg.	Date: 2 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH04-SZ AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL RENF-1000.000kHz VSW-1.000kHz Project : 801708 Mode : Mode 20 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBm/100kHz) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 Frequency (MHz) 5220 5268 5316 5364 5412 5460 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Left blank
Avg.	Date: 5 Level (dBm/100kHz) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 Frequency (MHz) 5220 5268 5316 5364 5412 5460 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 HORIZONTAL Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 14	Left blank

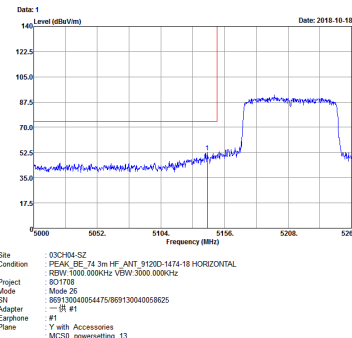
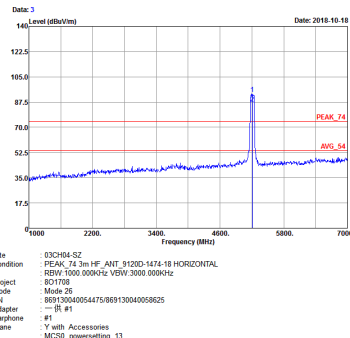
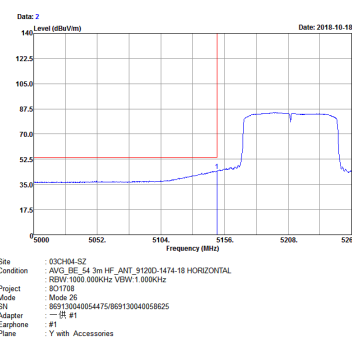


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Date: 2018-10-17 PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 14	Left blank
Avg.	Date: 10 Level (dBuV/m) Date: 2018-10-17 AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 14	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		
Avg.		Left blank

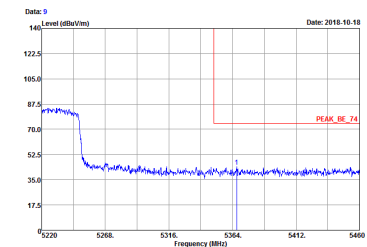
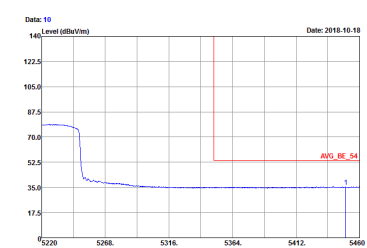


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBm/100kHz) vs Frequency (MHz) graph showing a peak at 5210 MHz. The y-axis ranges from 17.5 to 140 dBm/100kHz, and the x-axis ranges from 5220 to 5460 MHz. A red line indicates the peak level at 5210 MHz. Site : 03CH4-SZ Condition : PEAK_BE_74 3m HF ANT: 91200-1474-18 HORIZONTAL RENT: 1000.000kHz VSW: 1.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : R #1 Earphone : #1 Plane : Y with Accessories MCS9 power setting 13	Left blank
Avg.	Date: 5 Level (dBm/100kHz) vs Frequency (MHz) graph showing an average level at 5210 MHz. The y-axis ranges from 17.5 to 140 dBm/100kHz, and the x-axis ranges from 5220 to 5460 MHz. A red line indicates the average level at 5210 MHz. Site : 03CH4-SZ Condition : AVG_BE_54 3m HF ANT: 91200-1474-18 HORIZONTAL RENT: 1000.000kHz VSW: 1.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : R #1 Earphone : #1 Plane : Y with Accessories MCS9 power setting 13	Left blank



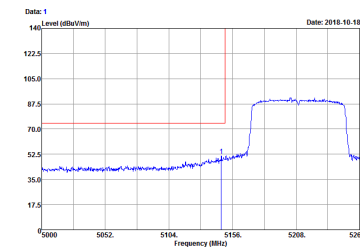
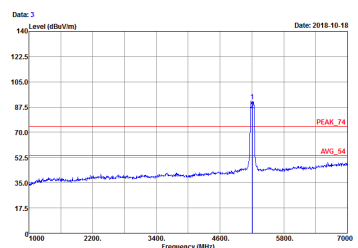
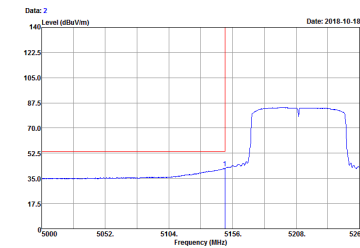
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT: 91200-1474-18 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : --- R #1 Earphone : #1 Plane : Y with Accessories MCS9 power setting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF ANT: 91200-1474-18 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : --- R #1 Earphone : #1 Plane : Y with Accessories MCS9 power setting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT: 91200-1474-18 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : --- R #1 Earphone : #1 Plane : Y with Accessories MCS9 power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Peak  Site : 03CH4-SZ Condition : PEAK_BE_74 3m HF ANT: 91200-1474-18 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : -R #1 Earphone : #1 Plane : Y with Accessories MCS9 powersetting 13	Left blank
Avg.	Avg.  Site : 03CH4-SZ Condition : AVG_BE_54 3m HF ANT: 91200-1474-18 VERTICAL REBW: 1000.000kHz VBW: 1.000kHz Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : -R #1 Earphone : #1 Plane : Y with Accessories MCS9 powersetting 13	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 : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : RENV-1000.000kHz VSW-3000.000kHz Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : RENV-1000.000kHz VSW-3000.000kHz Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL Project : RENV-1000.000kHz VSW-1.000kHz Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBm/100kHz) Frequency (MHz) PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL REW: 1000.000kHz VSW: 3000.000kHz Project : B01708 Mode : Mode 39 MEI : 86913004054459/86913004058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank
Avg.	Date: 5 Level (dBm/100kHz) Frequency (MHz) AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 HORIZONTAL REW: 1000.000kHz VSW: 1.000kHz Project : B01708 Mode : Mode 39 MEI : 86913004054459/86913004058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank

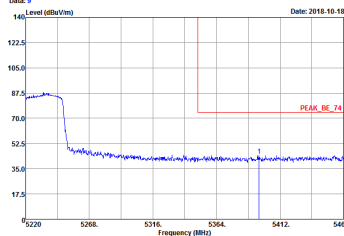
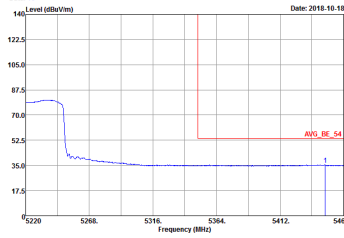


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank

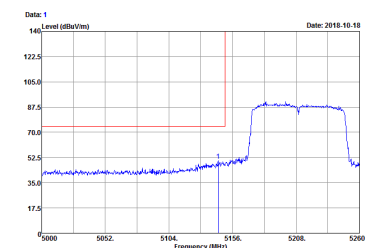
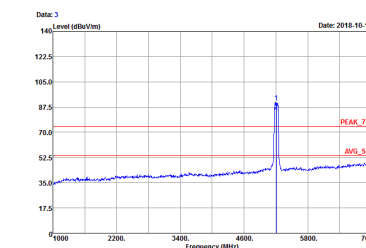
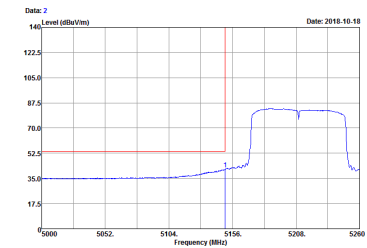


FCC RF Test Report

Report No. : FR801708

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5  Frequency (MHz) 5220 5268 5316 5364 5412 5460 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 39 MEI : 8691300405445/86913004058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank
Avg.	Date: 10 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5  Frequency (MHz) 5220 5268 5316 5364 5412 5460 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 39 MEI : 8691300405445/86913004058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	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		
Avg.		Left blank

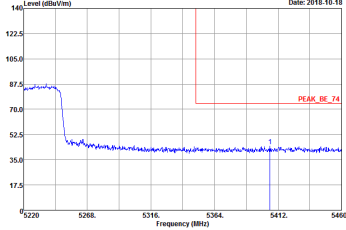
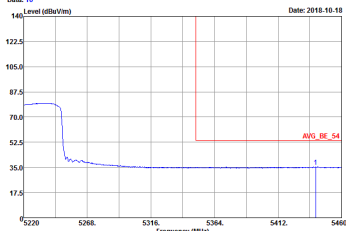


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBm/100kHz) vs Frequency (MHz) plot showing a sharp drop in signal level around 5210 MHz. The peak is labeled PEAK_BE_74. Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 40 MEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank
Avg.	Date: 5 Level (dBm/100kHz) vs Frequency (MHz) plot showing a sharp drop in signal level around 5210 MHz. The peak is labeled AVG_BE_04. Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 40 MEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank

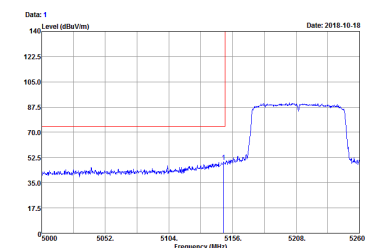
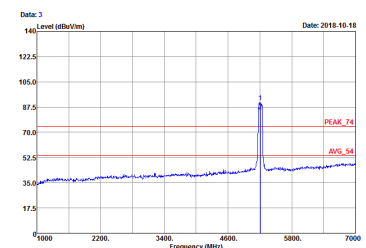
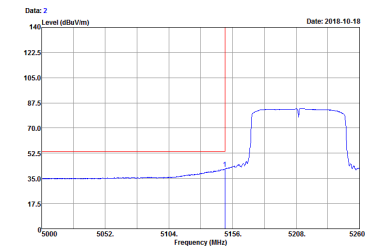


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 40 IMEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 40 IMEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 40 IMEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Date: 2018-10-18  Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 40 MEI : 86913004054475/86913004058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank
Avg.	Date: 10 Level (dBuV/m) Date: 2018-10-18  Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 40 MEI : 86913004054475/86913004058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank

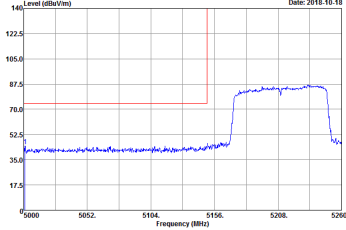
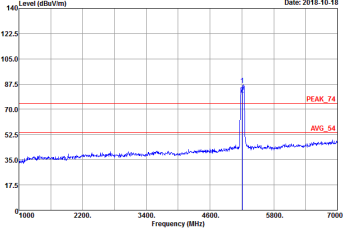
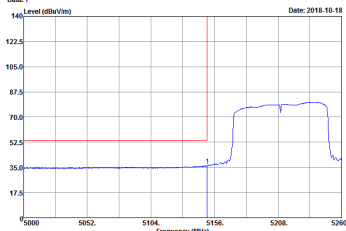
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 41 MEI : 86913004054475/86913004058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank
Avg.	Date: 5 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 41 MEI : 86913004054475/86913004058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 8 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	Date: 7 Level (dBuV/m)  Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



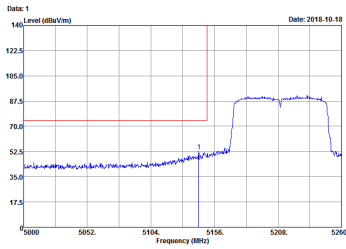
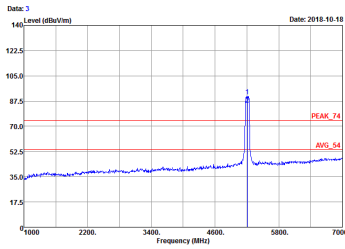
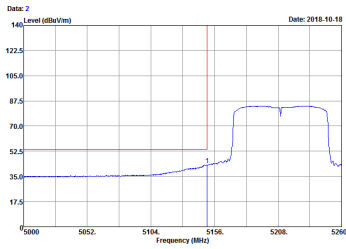
FCC RF Test Report

Report No. : FR801708

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 41 MEI : 86913004054475/86913004058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank
Avg.	Date: 10 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 41 MEI : 86913004054475/86913004058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank

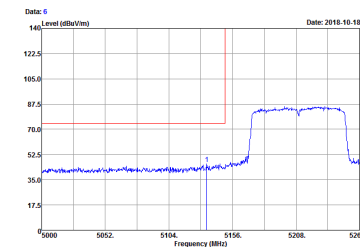
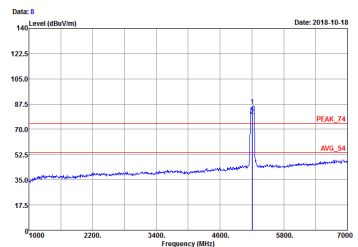
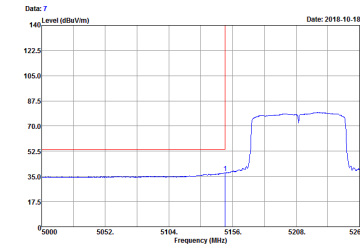


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

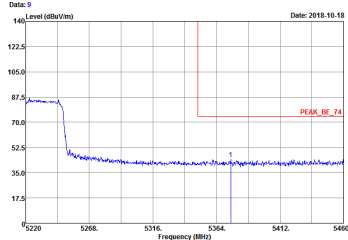
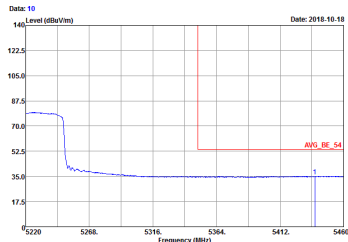
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : REV1-1000.000kHz VSW-3000.000kHz Mode : 801708 MEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : REV1-1000.000kHz VSW-3000.000kHz Mode : 801708 MEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : REV1-1000.000kHz VSW-1.000kHz Mode : 801708 MEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5220 5268 5316 5364 5412 5460 Frequency (MHz) PEAK_BE_74 1 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 HORIZONTAL REW: 1000.000kHz VEW: 3000.000kHz Project : B01708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank
Avg.	Date: 5 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5220 5268 5316 5364 5412 5460 Frequency (MHz) AVG_BE_04 1 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 HORIZONTAL REW: 1000.000kHz VEW: 1.000kHz Project : B01708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank

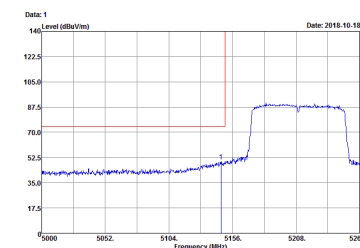
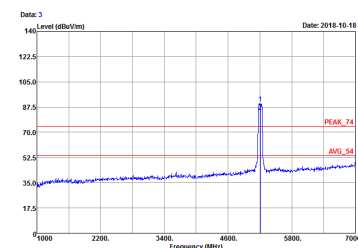
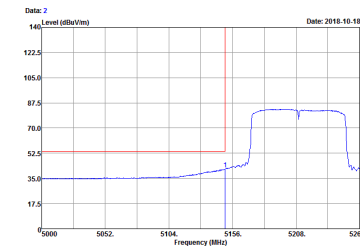
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT_91200-1474-18 VERTICAL REW-1000.000kHz VBW-3000.000kHz Project : BO1708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT_91200-1474-18 VERTICAL REW-1000.000kHz VBW-3000.000kHz Project : BO1708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_74 3m HF ANT_91200-1474-18 VERTICAL REW-1000.000kHz VBW-1.000kHz Project : BO1708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 42 MEI : 86913004054475/86913004058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 42 MEI : 86913004054475/86913004058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	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 : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : R01708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : R01708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : R01708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank

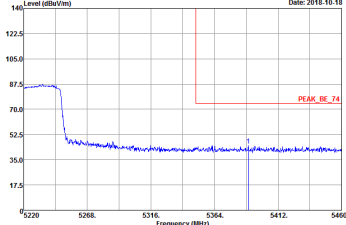
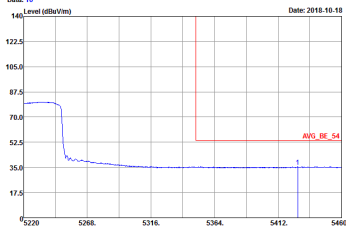


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBm/100kHz) Date: 2018-10-18 PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 51200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 43 MEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank
Avg.	Date: 5 Level (dBm/100kHz) Date: 2018-10-18 AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 51200-1474-18 HORIZONTAL Project : R01708 Mode : Mode 43 MEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 power setting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted4 : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted4 : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted4 : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Date: 2018-10-18  PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 43 MEI : 86913004054475/86913004058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	Left blank
Avg.	Date: 10 Level (dBuV/m) Date: 2018-10-18  AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 VERTICAL REMY-1000.000kHz VSW-1.000kHz Project : B01708 Mode : Mode 43 MEI : 86913004054475/86913004058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Micasa0 powersetting 13	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.	Date: 11 Level (dBm/Vm) Date: 2018-10-17 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 1 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Date: 12 Level (dBm/Vm) Date: 2018-10-17 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 1 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (GHz) Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Date: 16 Level (dBuV/m) Frequency (GHz) Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 2 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 3 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Date: 16 Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 3 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17



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: 11 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-10 HORIZONTAL Project : R01708 Mode : Mode 10 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15	Date: 12 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-10 VERTICAL Project : R01708 Mode : Mode 10 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 15



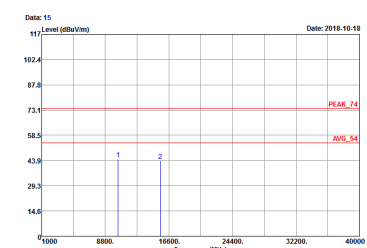
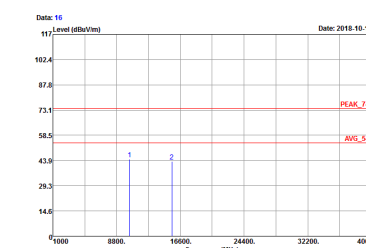
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 11 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mcuac0 powersetting 15	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 11 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mcuac0 powersetting 15



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Level (dBm/Vm) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 12 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Micac0 powersetting 15	Date: 16 Level (dBm/Vm) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 12 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Micac0 powersetting 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.	 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : R01708 Mode : Mode 19 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14	 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 VERTICAL Project : R01708 Mode : Mode 19 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 14



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 : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 HORIZONTAL Project : 801708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mcuac0 power setting 14	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_T4 3m HF_ANT_91200-1474-18 VERTICAL Project : 801708 Mode : Mode 20 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Mcuac0 power setting 14



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: 16 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : - R #1 Earphone : Y with Accessories Plane : MCCO power setting 13	Date: 16 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 VERTICAL Project : 801708 Mode : Mode 26 SN : 869130040054475/869130040058625 Adapter : - R #1 Earphone : Y with Accessories Plane : MCCO power setting 13



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: 15 Level (dBuV/m) PEAK_74 AVG_54 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : 801708 Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 15 Level (dBuV/m) PEAK_74 AVG_54 Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 VERTICAL Project : 801708 Mode : Mode 39 IMEI : 869130040054459/869130040058609 Adapter2 : #1 USB Cable2 : #1 Earphone2 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13



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: 15 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : R01708 Mode : Mode 40 IMEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_9120D-1474-18 VERTICAL Project : R01708 Mode : Mode 40 IMEI : 869130040054475/869130040058625 Adapter3 : #1 USB Cable3 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13



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: 15 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-10 HORIZONTAL Project : R01708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 15 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-10 VERTICAL Project : R01708 Mode : Mode 41 IMEI : 869130040054475/869130040058625 Adapter3 : #2 USB Cable3 : #2 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13



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: 15 Level (dBuV/m) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : 801708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 15 Level (dBuV/m) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-18 VERTICAL Project : 801708 Mode : Mode 42 IMEI : 869130040054475/869130040058625 Adapted : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13



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: 15 Level (dBuV/m) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-18 HORIZONTAL Project : 801708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13	Date: 15 Level (dBuV/m) Date: 2018-10-18 Site : 03CH04-SZ Condition : PEAK_70 3m HF_ANT_9120D-1474-18 VERTICAL Project : 801708 Mode : Mode 43 IMEI : 869130040054475/869130040058625 Adapted : #2 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : Mscac0 powersetting 13



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	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000 000KHz VSW-3000 000KHz Project : BO1708 Mode : Mode 4 MEI : 869130040054475/86913004005825 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000 000KHz VSW-3000 000KHz Project : BO1708 Mode : Mode 4 MEI : 869130040054475/86913004005825 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000 000KHz VSW-1 000KHz Project : BO1708 Mode : Mode 4 MEI : 869130040054475/86913004005825 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM power setting 17	Left blank

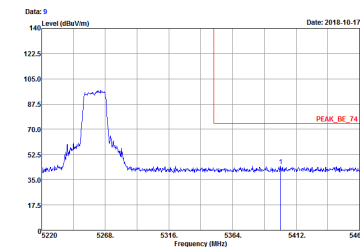
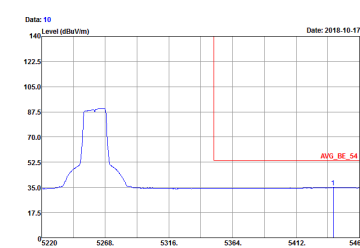


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Date: 2018-10-17 PEAK_BE_74 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 4 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank
Avg.	Date: 5 Level (dBuV/m) Date: 2018-10-17 AVG_BE_04 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF_ANT_91200-1474-18 HORIZONTAL REMY-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 4 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 4 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 4 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 4 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : EM powersetting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 3000.000kHz Project : BO1708 Mode : Mode 4 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	Left blank
Avg.	 Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 1.000kHz Project : BO1708 Mode : Mode 4 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL REW-1000.000kHz VSW-3000.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM powersetting : 17	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL REW-1000.000kHz VSW-3000.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM powersetting : 17
Avg.	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL REW-1000.000kHz VSW-1.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM powersetting : 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	Date: 4 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT_91200-1474-18 HORIZONTAL REW:1000.000kHz VEW:3000.000kHz Project : B01708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank
Avg.	Date: 5 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF ANT_91200-1474-18 HORIZONTAL REW:1000.000kHz VEW:1.000kHz Project : B01708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories Plane : RM powersetting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Date: 6 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17	Date: 8 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17
Avg.	Date: 7 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 VERTICAL REBW:1000.000kHz VBW:1.000kHz Project : BO1708 Mode : Mode 5 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories GM powersetting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	Date: 9 Level (dBuV/m) Date: 2018-10-17 Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 3000.000kHz Project : B01708 Mode : Mode 5 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	Left blank
Avg.	Date: 10 Level (dBuV/m) Date: 2018-10-17 Site : 03CH04-SZ Condition : AVG_BE_04 3m HF ANT 91200-1474-18 VERTICAL REBW 1000.000kHz VBW 1.000kHz Project : B01708 Mode : Mode 5 MEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Date: 2 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_BE_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:3000.000kHz Project : BO1708 Mode : Mode 6 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17	Date: 1 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : PEAK_74 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:3000.000kHz Project : BO1708 Mode : Mode 6 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17
Avg.	Date: 3 Level (dBuV/m) Frequency (MHz) Site : 03CH04-SZ Condition : AVG_BE_54 3m HF_ANT_91200-1474-18 HORIZONTAL RENF:1000.000kHz VSW:1.000kHz Project : BO1708 Mode : Mode 6 IMEI : 869130040054475/869130040058625 Adapter1 : #1 USB Cable1 : #1 Earphone1 : #1 Plane : Y with Accessories RM power setting : 17	Left blank