FCC RADIO TEST REPORT

FCC ID	:	**UZ7MC330X**
Equipment	:	**Mobile Computer**
Brand Name	:	**Zebra**
Model Name	:	**MC330X**
Applicant	:	**Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742**
Manufacturer	:	**Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 06, 2021 and testing was started from Apr. 06, 2021 and completed on Jun. 08, 2021. We, Sporton International Inc. Wensan Laboratory, 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 Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR131009-01E	01	Initial issue of report	Jun. 30, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.14 dB at 5459.200 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 12.88 dB at 13.560 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wei Chen

Report Producer: Amy Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Computer
Brand Name	Zebra
Model Name	MC330X
FCC ID	UZ7MC330X
SKU 1	Gun 29key
SKU 2	Gun 38key
SKU 3	Gun 47key
SKU 4	Brick 29key SE4850
SKU 5	Brick 38key
SKU 6	Brick 47key
SKU 7	Brick 29key SE4770
EUT supports Radios application	NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE
HW Version	EV
SW Version	Android Version 11
FW Version	11-10-12.00-RG-U00-PRD-HEL-04
MFD	20MAR21
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

Specification of Accessories				
Adapter	**Brand Name**	Zebra	**Part Number**	PWR-WUA5V12W0US
U cable	**Brand Name**	Symbol	**Model Name**	CBL-MC33-USBCHG-01
MC33 1X battery (Inventus)	**Brand Name**	ZEBRA	**Model Number**	BT-000338
MC33 2X battery (Inventus)	**Brand Name**	ZEBRA	**Model Number**	BT-000337
MC33 2X battery (TWS)	**Brand Name**	ZEBRA	**Model Number**	BT-000337A
MC33 7000mA 2X (Inventus)	**Brand Name**	ZEBRA	**Model Number**	BT-000375
MC33 Extended Capacity Battery (BT Battery)	**Brand Name**	ZEBRA	**Model Number**	BT-000444
Holster for MC3XXX Gun configuration	**Brand Name**	Zebra	**Model Number**	SG-MC3021212-01R
Rigid holster for MC3XXX Gun configuration	**Brand Name**	Zebra	**Model Number**	SG-MC33-RDHLST-01
Holster for MC3XXXX Brick configuration	**Brand Name**	Zebra	**Model Number**	11-69293-01R
Rigid holster for MC3XXX Brick configuration	**Brand Name**	Zebra	**Model Number**	SG-MC33-RDHLST-01

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna <CDD Mode>	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 1 + 2>** 802.11a: 20.26 dBm / 0.1062W 802.11n HT20: 20.51 dBm / 0.1125 W 802.11n HT40: 21.56 dBm / 0.1432 W 802.11ac VHT20: 20.41 dBm / 0.1099 W 802.11ac VHT40: 21.46 dBm / 0.1400 W 802.11ac VHT80: 17.16 dBm / 0.0520 W 802.11ax HE20: 20.61 dBm / 0.1151 W 802.11ax HE40: 21.66 dBm / 0.1466 W 802.11ax HE80: 17.26 dBm / 0.0532W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 1 + 2>** 802.11a: 19.96 dBm / 0.0991 W 802.11n HT20: 20.03 dBm / 0.1007 W 802.11n HT40: 21.11 dBm / 0.1291 W 802.11ac VHT20: 19.93 dBm / 0.0984 W 802.11ac VHT40: 21.01 dBm / 0.1262 W 802.11ac VHT80: 17.61 dBm / 0.0577 W 802.11ax HE20: 20.13 dBm / 0.1030 W 802.11ax HE40: 21.21 dBm / 0.1321 W 802.11ax HE80: 17.71 dBm / 0.0590 W **<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 1 + 2>** 802.11a: 20.21 dBm / 0.1050 W 802.11n HT20: 20.61 dBm / 0.1151 W 802.11n HT40: 23.67 dBm / 0.2328 W 802.11ac VHT20: 20.56 dBm / 0.1138 W 802.11ac VHT40: 23.57 dBm / 0.2275 W 802.11ac VHT80: 20.71 dBm / 0.1178 W 802.11ax HE20: 21.27 dBm / 0.1340 W 802.11ax HE40: 23.72 dBm / 0.2355 W 802.11ax HE80: 20.81 dBm / 0.1205 W
Maximum Output Power to Antenna <TXBF Mode>	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 1 + 2>** 802.11ax HE20: 18.81 dBm / 0.0760 W 802.11ax HE40: 21.36 dBm / 0.1368 W 802.11ax HE80: 17.11 dBm / 0.0514 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 1 + 2>** 802.11ax HE20: 17.96 dBm / 0.0625 W 802.11ax HE40: 20.92 dBm / 0.1236 W 802.11ax HE80: 17.66 dBm / 0.0583 W **<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 1 + 2>** 802.11ax HE20: 16.91 dBm / 0.0491 W 802.11ax HE40: 20.27 dBm / 0.1064 W 802.11ax HE80: 20.67 dBm / 0.1167 W

<table>
<tr><th colspan="2">Product Specification subjective to this standard</th></tr>
<tr><td>99% Occupied Bandwidth
<CDD Mode></td><td>MIMO <Ant. 1>
802.11a: 17.03 MHz
802.11ax HE20: 18.98 MHz
802.11ax HE40: 37.96 MHz
802.11ax HE80: 78.28 MHz
MIMO <Ant. 2>
802.11a: 17.03 MHz
802.11ax HE20: 19.03 MHz
802.11ax HE40: 38.06 MHz
802.11ax HE80: 78.28 MHz</td></tr>
<tr><td>99% Occupied Bandwidth
<TXBF Mode></td><td>MIMO <Ant. 1>
802.11ax HE20: 18.98 MHz
802.11ax HE40: 37.96 MHz
802.11ax HE80: 78.28 MHz
MIMO <Ant. 2>
802.11ax HE20: 18.98 MHz
802.11ax HE40: 37.96 MHz
802.11ax HE80: 78.52 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz>
Ant. 1 : Patch Antenna with gain 4.10 dBi
Ant. 2 : Patch Antenna with gain 5.20 dBi
<5260 MHz ~ 5320 MHz>
Ant. 1 : Patch Antenna with gain 4.80 dBi
Ant. 2 : Patch Antenna with gain 5.20 dBi
<5500 MHz ~ 5720 MHz >
Ant. 1 : Patch Antenna with gain 4.80 dBi
Ant. 2 : Patch Antenna with gain 5.20 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
802.11ax : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM/ 1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td>
<table>
<tr><td></td><td>Ant. 1</td><td>Ant. 2</td></tr>
<tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr>
<tr><td>802.11 ax TXBF</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

Note:

1. MIMO Ant. 1+2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.
2. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	CO07-HY, TH05-HY, 03CH15-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

1.5 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.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. 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: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X Plane for TXBF Mode; Z Plane for CDD Mode) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

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)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80 (Covered by HE80)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

TXBF Mode

Modulation	Data Rate
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + MP3 Play + NFC On + MC33 Extended Capacity Battery (BT Battery) + U Cable (Charging from Adapter) for SKU 7
Remark: For Radiated Test Cases, the tests were performed with MC33 1X battery (Inventus), SKU 4 and SKU 5.	

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
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

<CDD Mode>

MIMO <Ant. 1+2>

802.11a RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	Data Rate (bps)	Channel	Data Rate (bps)						
		6M		9M	12M	18M	24M	36M	48M	54M
CH 036	5180	19.56	CH 044	20.16	20.16	20.16	20.16	20.16	20.16	20.16
CH 044	5220	**20.26**								
CH 048	5240	19.61								
CH 052	5260	19.46	CH 060	19.86	19.86	19.86	19.86	19.86	19.86	19.86
CH 060	5300	**19.96**								
CH 064	5320	19.47								
CH 100	5500	**20.21**	CH 100	20.11	20.11	20.11	20.11	20.11	20.11	20.11
CH 116	5580	20.06								
CH 140	5700	19.87								
CH 144*	5720	20.01								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 036	5180	20.21	CH 044	20.41	20.41	20.41	20.41	20.41	20.41	20.41
CH 044	5220	**20.51**								
CH 048	5240	19.91								
CH 052	5260	19.67	CH 060	19.93	19.93	19.93	19.93	19.93	19.93	19.93
CH 060	5300	**20.03**								
CH 064	5320	19.77								
CH 100	5500	20.31	CH 144*	20.51	20.51	20.51	20.51	20.51	20.51	20.51
CH 116	5580	20.22								
CH 140	5700	19.61								
CH 144*	5720	**20.61**								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT40 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 038	5190	18.51	CH 046	21.46	21.46	21.46	21.46	21.46	21.46	21.46
CH 046	5230	**21.56**								
CH 054	5270	**21.11**	CH 054	21.01	21.01	21.01	21.01	21.01	21.01	21.01
CH 062	5310	18.81								
CH 102	5510	19.26	CH 142*	23.57	23.57	23.57	23.57	23.57	23.57	23.57
CH 110	5550	22.46								
CH 134	5670	21.17								
CH 142*	5710	**23.67**								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT20 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
CH 036	5180	20.11	CH 044	20.31	20.31	20.31	20.31	20.31	20.31	20.31	20.31
CH 044	5220	**20.41**									
CH 048	5240	19.81									
CH 052	5260	19.57	CH 060	19.83	19.83	19.83	19.83	19.83	19.83	19.83	19.83
CH 060	5300	**19.93**									
CH 064	5320	19.67									
CH 100	5500	20.21	CH 144*	20.46	20.46	20.46	20.46	20.46	20.46	20.46	20.46
CH 116	5580	20.12									
CH 140	5700	19.51									
CH 144*	5720	**20.56**									

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT40 RF Output Power (dBm)												
Power vs. Channel			Power vs Data Rate									
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index								
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 038	5190	18.41	CH 046	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36
CH 046	5230	**21.46**										
CH 054	5270	**21.01**	CH 054	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91	20.91
CH 062	5310	18.71										
CH 102	5510	19.16	CH 142*	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47
CH 110	5550	22.36										
CH 134	5670	21.07										
CH 142*	5710	**23.57**										

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT80 RF Output Power (dBm)												
Power vs. Channel			Power vs Data Rate									
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index								
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 042	5210	**17.16**	CH 042	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06
CH 058	5290	**17.61**	CH 058	17.51	17.51	17.51	17.51	17.51	17.51	17.51	17.51	17.51
CH 106	5530	19.06	CH 122	20.61	20.61	20.61	20.61	20.61	20.61	20.61	20.61	20.61
CH 122	5610	**20.71**										
CH 138*	5690	19.71										

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ax HE20 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index MCS0	Channel	MCS Index MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 036	5180	Full	20.31	CH 044	20.51	20.51	20.51	20.51	20.51	20.51	20.51	20.51	20.51	20.51	20.51
CH 036	5180	26/0	11.72												
CH 036	5180	52/37	14.52												
CH 036	5180	106/53	18.84												
CH 044	5220	Full	**20.61**												
CH 044	5220	26/4	12.96												
CH 044	5220	52/39	15.70												
CH 044	5220	106/53	18.78												
CH 048	5240	Full	20.01												
CH 048	5240	26/8	11.77												
CH 048	5240	52/40	14.62												
CH 048	5240	106/54	18.95												
CH 052	5260	Full	19.77	CH 060	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03
CH 052	5260	26/0	11.57												
CH 052	5260	52/37	14.57												
CH 052	5260	106/53	17.94												
CH 060	5300	Full	**20.13**												
CH 060	5300	26/4	12.84												
CH 060	5300	52/39	15.12												
CH 060	5300	106/54	18.57												
CH 064	5320	Full	19.87												
CH 064	5320	26/8	11.37												
CH 064	5320	52/40	14.87												
CH 064	5320	106/54	18.43												

802.11ax HE20 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index MCS0	Channel	MCS Index MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 100	5500	Full	20.41	CH 144*	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17
CH 100	5500	26/0	11.98												
CH 100	5500	52/37	15.11												
CH 100	5500	106/53	18.35												
CH 116	5580	Full	20.32												
CH 116	5580	26/4	12.78												
CH 116	5580	52/38	15.10												
CH 116	5580	106/53	18.81												
CH 140	5700	Full	19.66												
CH 140	5700	26/8	11.07												
CH 140	5700	52/40	14.64												
CH 140	5700	106/54	18.10												
CH 144*	5720	Full	**21.27**												
CH 144*	5720	26/8	11.02												
CH 144*	5720	52/40	14.47												
CH 144*	5720	106/54	18.35												

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ax HE40 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index	Channel	MCS Index								
			MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 038	5190	Full	18.61	CH 046	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56
CH 038	5190	242/61	14.78												
CH 046	5230	Full	**21.66**												
CH 046	5230	242/62	19.57												
CH 054	5270	Full	**21.21**	CH 054	21.11	21.11	21.11	21.11	21.11	21.11	21.11	21.11	21.11	21.11	21.11
CH 054	5270	242/61	19.41												
CH 062	5310	Full	18.91												
CH 062	5310	242/62	14.71												
CH 102	5510	Full	19.36	CH 142*	23.67	23.67	23.67	23.67	23.67	23.67	23.67	23.67	23.67	23.67	23.67
CH 102	5510	242/61	16.68												
CH 110	5550	Full	22.56												
CH 110	5550	242/61	21.08												
CH 134	5670	Full	21.22												
CH 134	5670	242/62	19.23												
CH 142*	5710	Full	**23.72**												
CH 142*	5710	242/62	21.63												

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ax HE80 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index	Channel	MCS Index								
			MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 042	5210	Full	**17.26**	CH 042	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16
CH 042	5210	484/65	13.04												
CH 058	5290	Full	**17.71**	CH 058	17.61	17.61	17.61	17.61	17.61	17.61	17.61	17.61	17.61	17.61	17.61
CH 058	5290	484/66	13.26												
CH 106	5530	Full	19.16	CH 122	20.71	20.71	20.71	20.71	20.71	20.71	20.71	20.71	20.71	20.71	20.71
CH 106	5530	484/65	16.78												
CH 122	5610	Full	**20.81**												
CH 122	5610	484/66	16.97												
CH 138*	5690	Full	19.81												
CH 138*	5690	484/66	19.04												

Note: The above Frequency and Channel in "*" were straddle Channel.

<TXBF Mode>

MIMO <Ant. 1+2>

802.11ax HE20 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index MCS0	Channel	MCS Index MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 036	5180	Full	18.71	CH 044	18.71	18.71	18.71	18.71	18.71	18.71	18.71	18.71	18.71	18.71	18.71
CH 044	5220	Full	**18.81**												
CH 048	5240	Full	18.46												
CH 052	5260	Full	**17.96**	CH 052	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86
CH 060	5300	Full	17.86												
CH 064	5320	Full	17.66												
CH 100	5500	Full	**16.91**	CH 100	16.81	16.81	16.81	16.81	16.81	16.81	16.81	16.81	16.81	16.81	16.81
CH 116	5580	Full	16.46												
CH 140	5700	Full	15.51												
CH 144*	5720	Full	16.01												

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ax HE40 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index MCS0	Channel	MCS Index MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 038	5190	Full	16.26	CH 046	21.26	21.26	21.26	21.26	21.26	21.26	21.26	21.26	21.26	21.26	21.26
CH 046	5230	Full	**21.36**												
CH 054	5270	Full	**20.92**	CH 054	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82
CH 062	5310	Full	18.51												
CH 102	5510	Full	16.51	CH 110	20.17	20.17	20.17	20.17	20.17	20.17	20.17	20.17	20.17	20.17	20.17
CH 110	5550	Full	**20.27**												
CH 134	5670	Full	17.77												
CH 142*	5710	Full	19.97												

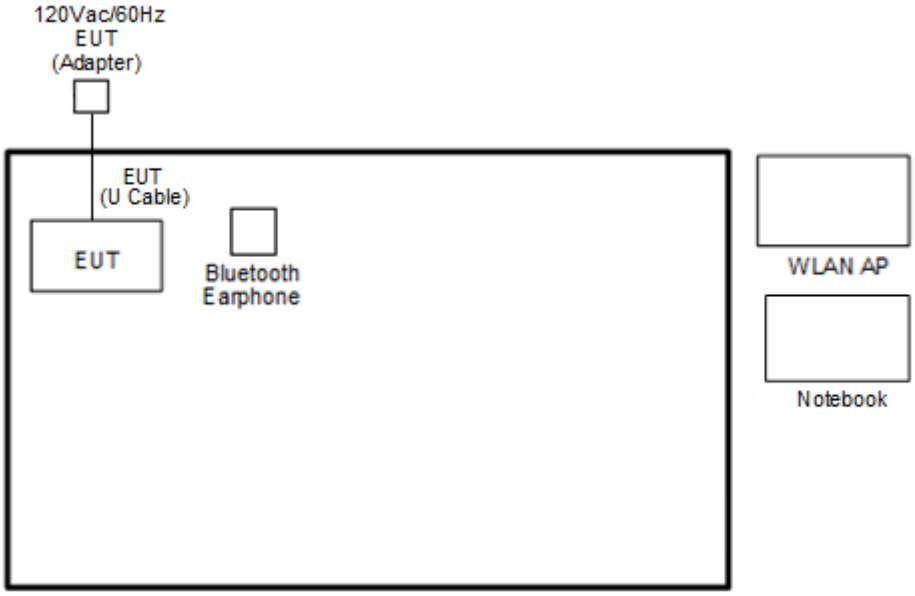
Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ax HE80 RF Output Power (dBm)													
Power vs. Channel				Power vs Data Rate									
Channel	Frequency (MHz)	RU Config.	MCS Index	Channel	MCS Index								
			MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
CH 042	5210	Full	**17.11**	CH 042	17.01	17.01	17.01	17.01	17.01	17.01	17.01	17.01	17.01	17.01	17.01
CH 058	5290	Full	**17.66**	CH 058	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56
CH 106	5530	Full	18.71	CH 122	20.57	20.57	20.57	20.57	20.57	20.57	20.57	20.57	20.57	20.57	20.57
CH 122	5610	Full	**20.67**												
CH 138*	5690	Full	19.76												

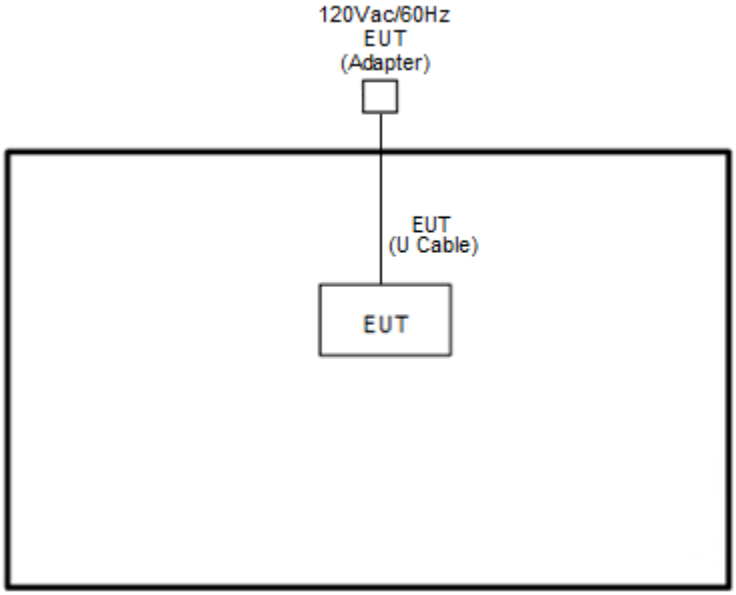
Note: The above Frequency and Channel in "*" were straddle Channel.

2.3 Connection Diagram of Test System

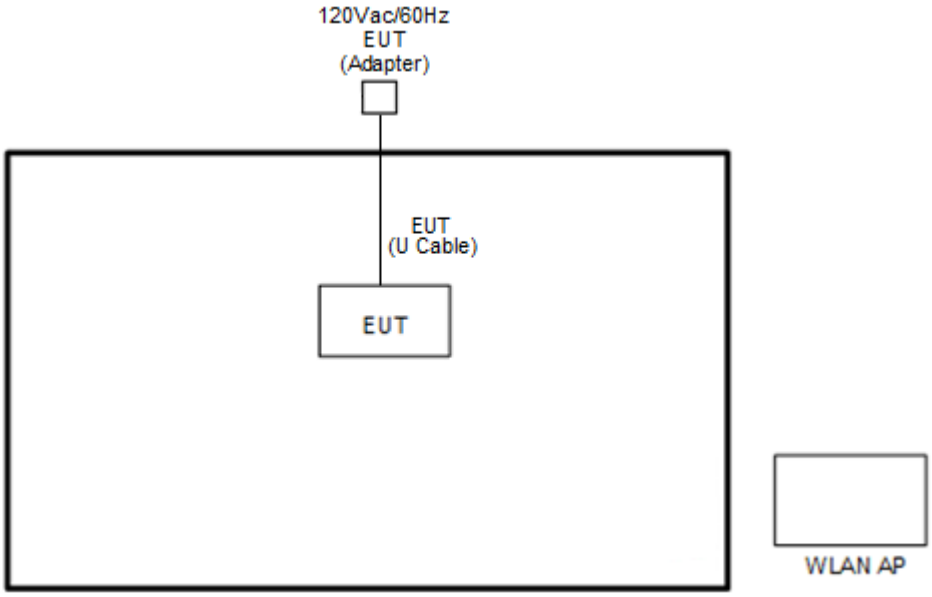
<AC Conducted Emission Mode>



<CDD Mode>



<TXBF Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Lenovo	LBH301	FCC DoC	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
4.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “Command V10.0.16299.1087” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “Command & Magic Iperf V1.0” software tool was used to enable the EUT to transmit signals continuously.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

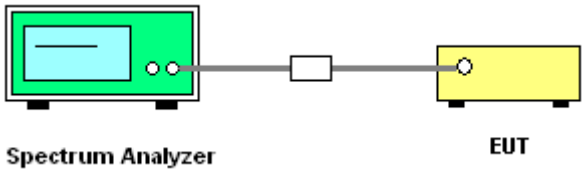
3.1.2 Measuring Instruments

See list of measuring equipment 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 C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

<CDD Mode>

Test Engineer :	Hank Hsu	Temperature :	21~25℃
		Relative Humidity :	51~54%

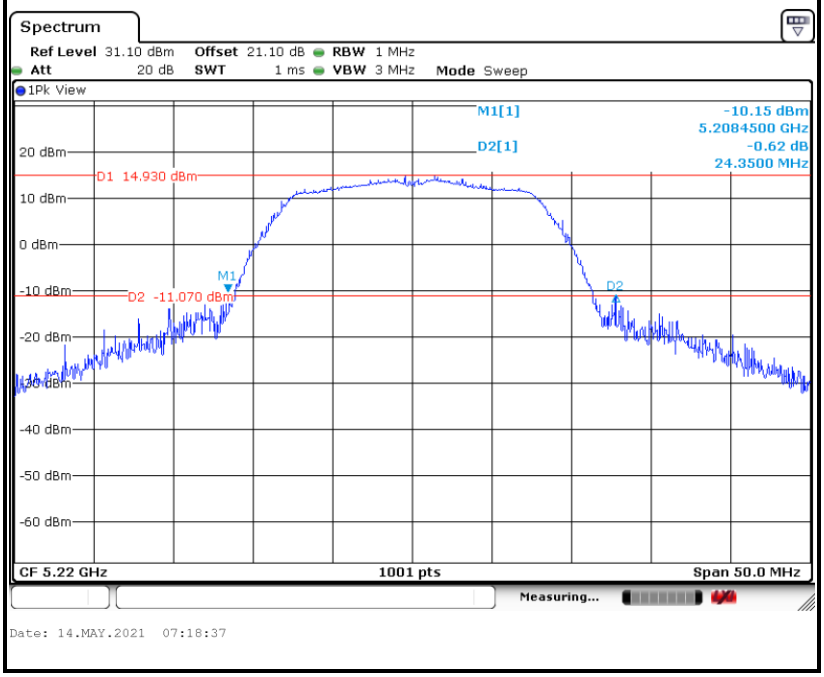
FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	36	5180	16.93	16.78	22.55	22.60	-		22.25	
11a	6Mbps	2	44	5220	16.93	16.78	**24.35**	**22.70**	-		22.25	
11a	6Mbps	2	48	5240	**16.98**	**17.03**	22.55	22.40	-		22.30	

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	52	5260	**16.98**	**16.78**	22.55	22.15	23.25		29.25		23.98	
11a	6Mbps	2	60	5300	**16.98**	**16.78**	**22.80**	22.10	23.25		29.25		23.98	
11a	6Mbps	2	64	5320	16.93	**16.78**	22.60	**22.25**	23.25		29.25		23.98	

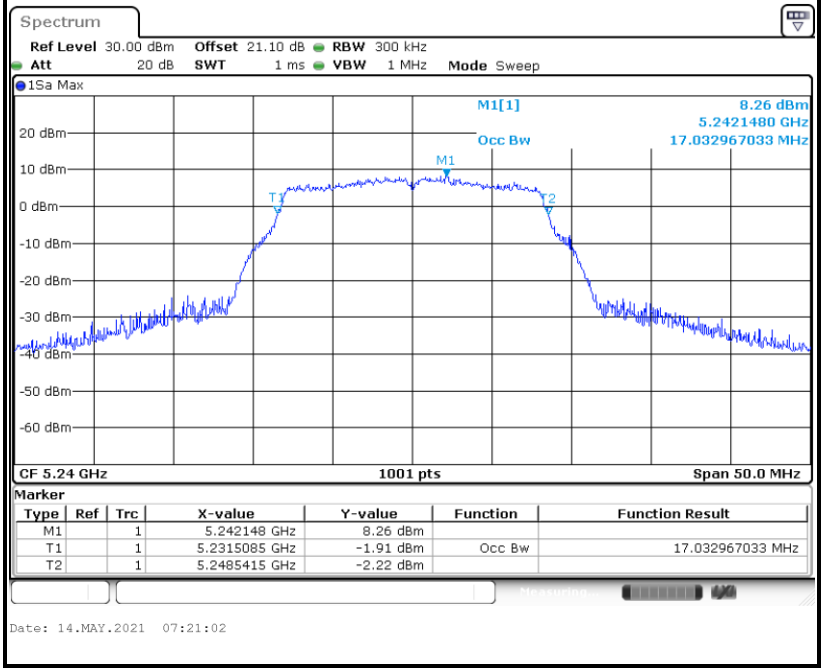
FCC Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.93	**16.83**	22.65	**22.65**	23.26		29.26		23.98		----	----
11a	6Mbps	2	116	5580	16.93	16.73	22.45	22.15	23.24		29.24		23.98		----	----
11a	6Mbps	2	140	5700	**17.03**	16.78	**22.70**	22.30	23.25		29.25		23.98		----	----

FCC Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.44	13.34	16.20	16.00	22.25		28.25		23.04		3.2	3.2

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax Mode>

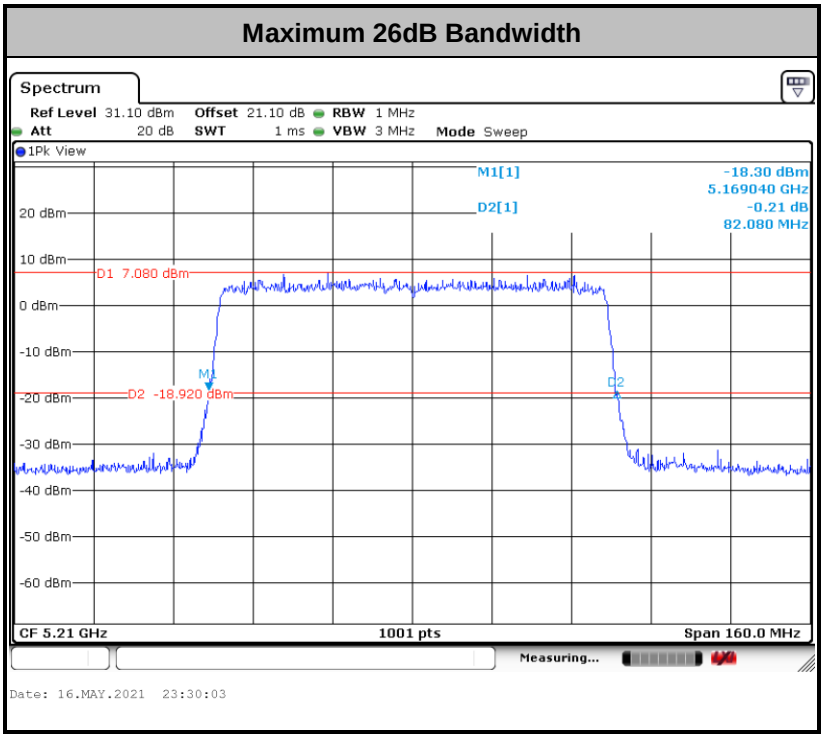
FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	36	5180	Full	18.98	18.98	22.30	22.95	-		22.78	
HE20	MCS0	2	44	5220	Full	18.98	19.03	22.65	22.40	-		22.78	
HE20	MCS0	2	48	5240	Full	18.93	18.98	22.60	22.60	-		22.77	
HE40	MCS0	2	38	5190	Full	37.86	37.86	41.31	40.95	-		23.01	
HE40	MCS0	2	46	5230	Full	37.96	37.86	43.92	40.86	-		23.01	
HE80	MCS0	2	42	5210	Full	**78.28**	**78.28**	**82.08**	**82.08**	-		23.01	

FCC Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	52	5260	Full	18.93	18.93	22.55	22.40	23.77		29.77		23.98	
HE20	MCS0	2	60	5300	Full	18.98	18.93	22.55	22.35	23.77		29.77		23.98	
HE20	MCS0	2	64	5320	Full	18.93	18.93	22.50	22.40	23.77		29.77		23.98	
HE40	MCS0	2	54	5270	Full	37.96	37.96	41.04	41.22	23.98		30.00		23.98	
HE40	MCS0	2	62	5310	Full	37.86	37.86	41.13	41.13	23.98		30.00		23.98	
HE80	MCS0	2	58	5290	Full	**78.28**	**78.28**	**81.92**	**81.76**	23.98		30.00		23.98	

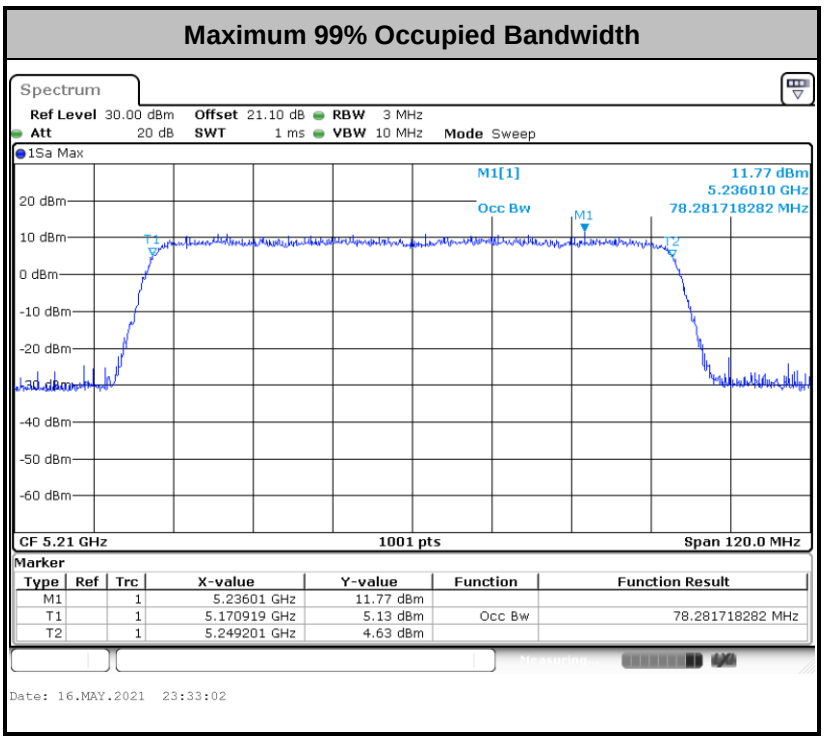
FCC Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.93	18.93	22.70	22.40	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.93	18.98	22.40	22.40	23.77		29.77		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.93	18.98	22.35	22.35	23.77		29.77		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.86	37.76	40.95	40.86	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	38.06	51.84	61.38	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.76	37.86	40.95	40.86	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	**78.28**	78.16	**82.08**	81.44	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	78.16	78.28	81.76	82.08	23.98		30.00		23.98		----	----

FCC Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	14.44	14.44	16.30	16.10	22.60		28.60		23.07		4.4	**3.8**
HE40	MCS0	2	142	5710	Full	34.09	34.18	39.93	52.80	23.98		30.00		23.98		3.99	3.81
HE80	MCS0	2	138	5690	Full	74.21	74.09	75.80	75.64	23.98		30.00		23.98		3.88	3.88

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<TXBF Mode>

Test Engineer :	Hank Hsu	Temperature :	21~25℃
		Relative Humidity :	51~54%

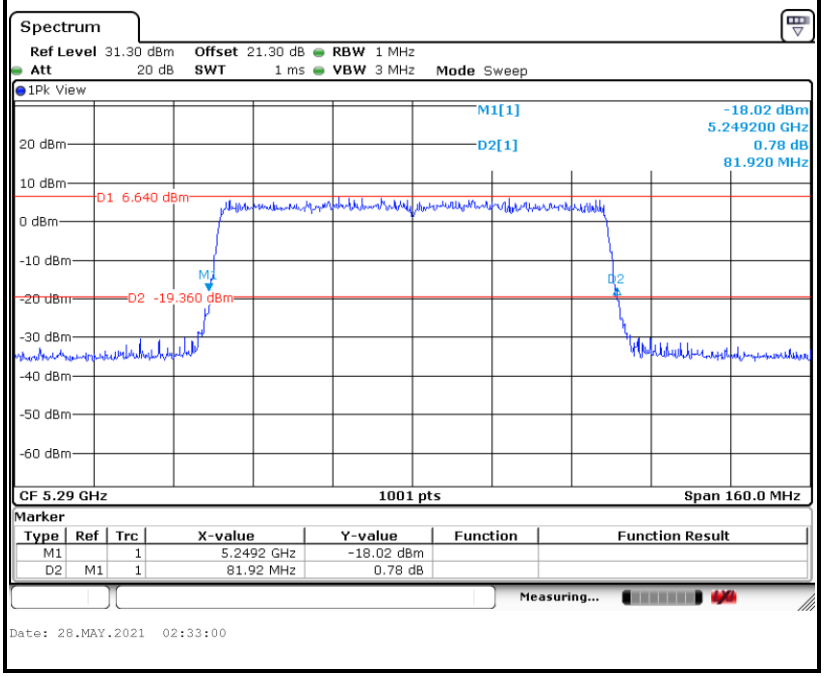
FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	36	5180	Full	18.93	18.93	22.45	22.40	-		22.77	
HE20	MCS0	2	44	5220	Full	18.98	18.93	22.55	22.30	-		22.77	
HE20	MCS0	2	48	5240	Full	18.98	18.93	22.45	22.25	-		22.77	
HE40	MCS0	2	38	5190	Full	37.86	37.86	41.04	40.95	-		23.01	
HE40	MCS0	2	46	5230	Full	37.86	37.86	43.83	49.41	-		23.01	
HE80	MCS0	2	42	5210	Full	**78.28**	**78.28**	**81.60**	**81.60**	-		23.01	

FCC Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	52	5260	Full	18.93	18.93	22.50	22.40	23.77		29.77		23.98	
HE20	MCS0	2	60	5300	Full	18.98	18.88	22.50	22.35	23.76		29.76		23.98	
HE20	MCS0	2	64	5320	Full	18.88	18.98	22.35	22.55	23.76		29.76		23.98	
HE40	MCS0	2	54	5270	Full	37.86	37.96	40.77	41.04	23.98		30.00		23.98	
HE40	MCS0	2	62	5310	Full	37.76	37.86	41.04	41.13	23.98		30.00		23.98	
HE80	MCS0	2	58	5290	Full	**78.28**	**78.52**	**81.92**	**81.76**	23.98		30.00		23.98	

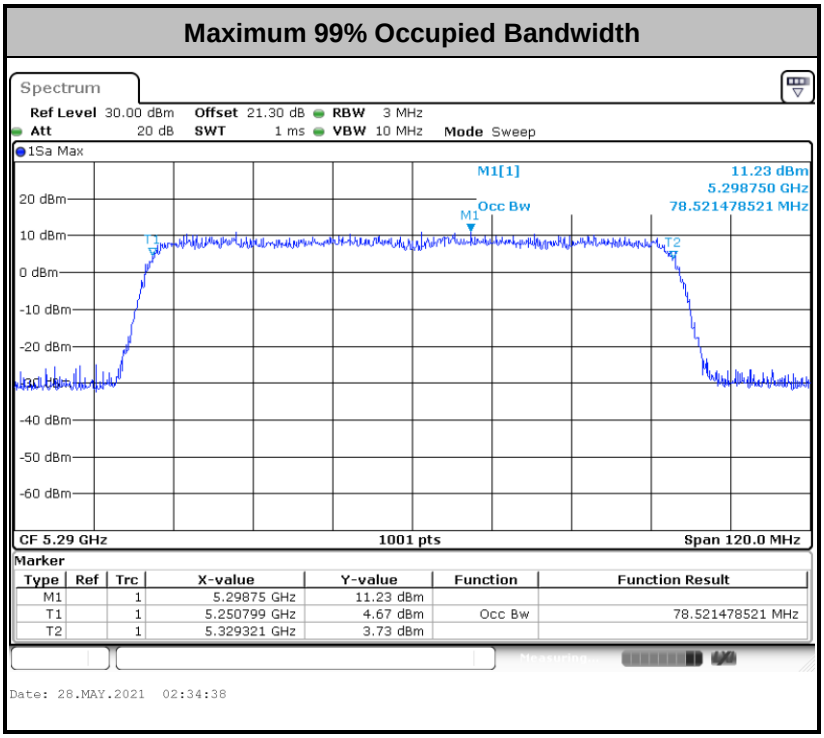
FCC Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.93	18.93	22.35	22.30	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.88	18.88	22.75	22.30	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.93	18.93	22.55	22.55	23.77		29.77		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.76	37.86	41.22	41.13	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	37.86	44.01	41.04	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.86	37.86	41.04	40.86	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	78.04	78.04	**81.60**	**81.12**	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	78.16	78.16	81.44	80.96	23.98		30.00		23.98		----	----

FCC Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	14.45	14.45	16.10	16.00	22.60		28.60		23.04		3.75	4.45
HE40	MCS0	2	142	5710	Full	34.28	37.28	54.63	58.80	23.98		30.00		23.98		3.739	**2.64**
HE80	MCS0	2	138	5690	Full	74.08	74.20	75.64	75.48	23.98		30.00		23.98		3.88	3.24

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

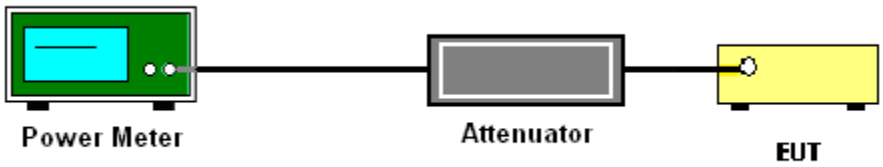
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

<CDD Mode>

Test Engineer :	Hank Hsu	Temperature :	21~25℃
		Relative Humidity :	51~54%

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	16.50	16.60	19.56	24.00		5.20		Pass
11a	6Mbps	2	44	5220	17.20	17.30	20.26	24.00		5.20		Pass
11a	6Mbps	2	48	5240	16.50	16.70	19.61	24.00		5.20		Pass
HT20	MCS0	2	36	5180	17.10	17.30	20.21	24.00		5.20		Pass
HT20	MCS0	2	44	5220	17.50	17.50	20.51	24.00		5.20		Pass
HT20	MCS0	2	48	5240	17.00	16.80	19.91	24.00		5.20		Pass
HT40	MCS0	2	38	5190	15.40	15.60	18.51	24.00		5.20		Pass
HT40	MCS0	2	46	5230	18.60	18.50	**21.56**	24.00		5.20		Pass
VHT20	MCS0	2	36	5180	17.00	17.20	20.11	24.00		5.20		Pass
VHT20	MCS0	2	44	5220	17.40	17.40	20.41	24.00		5.20		Pass
VHT20	MCS0	2	48	5240	16.90	16.70	19.81	24.00		5.20		Pass
VHT40	MCS0	2	38	5190	15.30	15.50	18.41	24.00		5.20		Pass
VHT40	MCS0	2	46	5230	18.50	18.40	21.46	24.00		5.20		Pass
VHT80	MCS0	2	42	5210	14.10	14.20	17.16	24.00		5.20		Pass

FCC Band II MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	16.60	16.30	19.46	23.98		5.20		30	Pass
11a	6Mbps	2	60	5300	17.10	16.80	19.96	23.98		5.20		30	Pass
11a	6Mbps	2	64	5320	16.70	16.20	19.47	23.98		5.20		30	Pass
HT20	MCS0	2	52	5260	17.00	16.30	19.67	23.98		5.20		30	Pass
HT20	MCS0	2	60	5300	17.40	16.60	20.03	23.98		5.20		30	Pass
HT20	MCS0	2	64	5320	17.10	16.40	19.77	23.98		5.20		30	Pass
HT40	MCS0	2	54	5270	18.30	17.90	**21.11**	23.98		5.20		30	Pass
HT40	MCS0	2	62	5310	16.00	15.60	18.81	23.98		5.20		30	Pass
VHT20	MCS0	2	52	5260	16.90	16.20	19.57	23.98		5.20		30	Pass
VHT20	MCS0	2	60	5300	17.30	16.50	19.93	23.98		5.20		30	Pass
VHT20	MCS0	2	64	5320	17.00	16.30	19.67	23.98		5.20		30	Pass
VHT40	MCS0	2	54	5270	18.20	17.80	21.01	23.98		5.20		30	Pass
VHT40	MCS0	2	62	5310	15.90	15.50	18.71	23.98		5.20		30	Pass
VHT80	MCS0	2	58	5290	14.70	14.50	17.61	23.98		5.20		30	Pass

FCC Band III MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	17.10	17.30	20.21	23.98		5.20		30	Pass
11a	6Mbps	2	116	5580	17.00	17.10	20.06	23.98		5.20		30	Pass
11a	6Mbps	2	140	5700	16.60	17.10	19.87	23.98		5.20		30	Pass
HT20	MCS0	2	100	5500	17.40	17.20	20.31	23.98		5.20		30	Pass
HT20	MCS0	2	116	5580	17.50	16.90	20.22	23.98		5.20		30	Pass
HT20	MCS0	2	140	5700	16.50	16.70	19.61	23.98		5.20		30	Pass
HT40	MCS0	2	102	5510	16.30	16.20	19.26	23.98		5.20		30	Pass
HT40	MCS0	2	110	5550	19.50	19.40	22.46	23.98		5.20		30	Pass
HT40	MCS0	2	134	5670	17.80	18.50	21.17	23.98		5.20		30	Pass
VHT20	MCS0	2	100	5500	17.30	17.10	20.21	23.98		5.20		30	Pass
VHT20	MCS0	2	116	5580	17.40	16.80	20.12	23.98		5.20		30	Pass
VHT20	MCS0	2	140	5700	16.40	16.60	19.51	23.98		5.20		30	Pass
VHT40	MCS0	2	102	5510	16.20	16.10	19.16	23.98		5.20		30	Pass
VHT40	MCS0	2	110	5550	19.40	19.30	22.36	23.98		5.20		30	Pass
VHT40	MCS0	2	134	5670	17.70	18.40	21.07	23.98		5.20		30	Pass
VHT80	MCS0	2	106	5530	16.00	16.10	19.06	23.98		5.20		30	Pass
VHT80	MCS0	2	122	5610	17.70	17.70	20.71	23.98		5.20		30	Pass

FCC Band III straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	16.80	17.20	20.01	23.04		5.20		30	Pass
HT20	MCS0	2	144	5720	17.40	17.80	20.61	23.98		5.20		30	Pass
HT40	MCS0	2	142	5710	20.30	21.00	**23.67**	23.98		5.20		30	Pass
VHT20	MCS0	2	144	5720	17.40	17.70	20.56	23.98		5.20		30	Pass
VHT40	MCS0	2	142	5710	20.20	20.90	23.57	23.98		5.20		30	Pass
VHT80	MCS0	2	138	5690	16.60	16.80	19.71	23.98		5.20		30	Pass

<802.11ax Mode>

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	36	5180	Full	17.20	17.40	20.31	24.00		5.20		Pass
HE20	MCS0	2	36	5180	26/0	7.90	9.40	11.72	24.00		5.20		Pass
HE20	MCS0	2	36	5180	52/37	10.70	12.20	14.52	24.00		5.20		Pass
HE20	MCS0	2	36	5180	106/53	14.90	16.60	18.84	24.00		5.20		Pass
HE20	MCS0	2	44	5220	Full	17.60	17.60	20.61	24.00		5.20		Pass
HE20	MCS0	2	44	5220	26/4	8.90	10.80	12.96	24.00		5.20		Pass
HE20	MCS0	2	44	5220	52/39	11.70	13.50	15.70	24.00		5.20		Pass
HE20	MCS0	2	44	5220	106/53	14.90	16.50	18.78	24.00		5.20		Pass
HE20	MCS0	2	48	5240	Full	17.10	16.90	20.01	24.00		5.20		Pass
HE20	MCS0	2	48	5240	26/8	8.00	9.40	11.77	24.00		5.20		Pass
HE20	MCS0	2	48	5240	52/40	10.50	12.50	14.62	24.00		5.20		Pass
HE20	MCS0	2	48	5240	106/54	15.30	16.50	18.95	24.00		5.20		Pass
HE40	MCS0	2	38	5190	Full	15.50	15.70	18.61	24.00		5.20		Pass
HE40	MCS0	2	38	5190	242/61	11.30	12.20	14.78	24.00		5.20		Pass
HE40	MCS0	2	46	5230	Full	18.70	18.60	**21.66**	24.00		5.20		Pass
HE40	MCS0	2	46	5230	242/62	16.30	16.80	19.57	24.00		5.20		Pass
HE80	MCS0	2	42	5210	Full	14.20	14.30	17.26	24.00		5.20		Pass
HE80	MCS0	2	42	5210	484/65	9.50	10.50	13.04	24.00		5.20		Pass

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	17.10	16.40	19.77	23.98		5.20		30	Pass
HE20	MCS0	2	52	5260	26/0	8.20	8.90	11.57	23.98		5.20		30	Pass
HE20	MCS0	2	52	5260	52/37	11.30	11.80	14.57	23.98		5.20		30	Pass
HE20	MCS0	2	52	5260	106/53	14.40	15.40	17.94	23.98		5.20		30	Pass
HE20	MCS0	2	60	5300	Full	17.50	16.70	20.13	23.98		5.20		30	Pass
HE20	MCS0	2	60	5300	26/4	9.30	10.30	12.84	23.98		5.20		30	Pass
HE20	MCS0	2	60	5300	52/39	11.80	12.40	15.12	23.98		5.20		30	Pass
HE20	MCS0	2	60	5300	106/54	15.20	15.90	18.57	23.98		5.20		30	Pass
HE20	MCS0	2	64	5320	Full	17.20	16.50	19.87	23.98		5.20		30	Pass
HE20	MCS0	2	64	5320	26/8	8.10	8.60	11.37	23.98		5.20		30	Pass
HE20	MCS0	2	64	5320	52/40	11.50	12.20	14.87	23.98		5.20		30	Pass
HE20	MCS0	2	64	5320	106/54	15.00	15.80	18.43	23.98		5.20		30	Pass
HE40	MCS0	2	54	5270	Full	18.40	18.00	**21.21**	23.98		5.20		30	Pass
HE40	MCS0	2	54	5270	242/61	16.30	16.50	19.41	23.98		5.20		30	Pass
HE40	MCS0	2	62	5310	Full	16.10	15.70	18.91	23.98		5.20		30	Pass
HE40	MCS0	2	62	5310	242/62	11.50	11.90	14.71	23.98		5.20		30	Pass
HE80	MCS0	2	58	5290	Full	14.80	14.60	17.71	23.98		5.20		30	Pass
HE80	MCS0	2	58	5290	484/66	10.20	10.30	13.26	23.98		5.20		30	Pass

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	17.50	17.30	20.41	23.98		5.20		30	Pass
HE20	MCS0	2	100	5500	26/0	8.10	9.70	11.98	23.98		5.20		30	Pass
HE20	MCS0	2	100	5500	52/37	11.40	12.70	15.11	23.98		5.20		30	Pass
HE20	MCS0	2	100	5500	106/53	14.70	15.90	18.35	23.98		5.20		30	Pass
HE20	MCS0	2	116	5580	Full	17.60	17.00	20.32	23.98		5.20		30	Pass
HE20	MCS0	2	116	5580	26/4	8.90	10.50	12.78	23.98		5.20		30	Pass
HE20	MCS0	2	116	5580	52/38	11.50	12.60	15.10	23.98		5.20		30	Pass
HE20	MCS0	2	116	5580	106/53	15.10	16.40	18.81	23.98		5.20		30	Pass
HE20	MCS0	2	140	5700	Full	16.60	16.70	19.66	23.98		5.20		30	Pass
HE20	MCS0	2	140	5700	26/8	7.30	8.70	11.07	23.98		5.20		30	Pass
HE20	MCS0	2	140	5700	52/40	10.70	12.40	14.64	23.98		5.20		30	Pass
HE20	MCS0	2	140	5700	106/54	14.10	15.90	18.10	23.98		5.20		30	Pass
HE40	MCS0	2	102	5510	Full	16.40	16.30	19.36	23.98		5.20		30	Pass
HE40	MCS0	2	102	5510	242/61	13.20	14.10	16.68	23.98		5.20		30	Pass
HE40	MCS0	2	110	5550	Full	19.60	19.50	22.56	23.98		5.20		30	Pass
HE40	MCS0	2	110	5550	242/61	17.60	18.50	21.08	23.98		5.20		30	Pass
HE40	MCS0	2	134	5670	Full	17.90	18.50	21.22	23.98		5.20		30	Pass
HE40	MCS0	2	134	5670	242/62	15.80	16.60	19.23	23.98		5.20		30	Pass
HE80	MCS0	2	106	5530	Full	16.10	16.20	19.16	23.98		5.20		30	Pass
HE80	MCS0	2	106	5530	484/65	13.30	14.20	16.78	23.98		5.20		30	Pass
HE80	MCS0	2	122	5610	Full	17.80	17.80	20.81	23.98		5.20		30	Pass
HE80	MCS0	2	122	5610	484/66	13.60	14.30	16.97	23.98		5.20		30	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	18.00	18.50	21.27	23.07		5.20		30	Pass
HE20	MCS0	2	144	5720	26/8	7.20	8.70	11.02	23.07		5.20		30	Pass
HE20	MCS0	2	144	5720	52/40	10.70	12.10	14.47	23.07		5.20		30	Pass
HE20	MCS0	2	144	5720	106/54	14.70	15.90	18.35	23.07		5.20		30	Pass
HE40	MCS0	2	142	5710	Full	20.40	21.00	**23.72**	23.98		5.20		30	Pass
HE40	MCS0	2	142	5710	242/62	18.20	19.00	21.63	23.98		5.20		30	Pass
HE80	MCS0	2	138	5690	Full	16.70	16.90	19.81	23.98		5.20		30	Pass
HE80	MCS0	2	138	5690	484/66	15.50	16.50	19.04	23.98		5.20		30	Pass

<TXBF Mode>

Test Engineer :	Hank Hsu	**Temperature :**	21~25℃
		Relative Humidity :	51~54%

FCC Band I MIMO													
Mod.	**Data Rate**	**NTX**	**CH.**	**Freq. (MHz)**	**RU Config.**	**Average Conducted Power (dBm)**			**Conducted Power Limit (dBm)**		**DG (dBi)**		**Pass/Fail**
						Ant 1	**Ant 2**	**SUM**	**Ant 1**	**Ant 2**	**Ant 1**	**Ant 2**	
HE20	MCS0	2	36	5180	Full	15.60	15.80	18.71	22.32		7.68		Pass
HE20	MCS0	2	44	5220	Full	15.60	16.00	18.81	22.32		7.68		Pass
HE20	MCS0	2	48	5240	Full	15.50	15.40	18.46	22.32		7.68		Pass
HE40	MCS0	2	38	5190	Full	13.10	13.40	16.26	22.32		7.68		Pass
HE40	MCS0	2	46	5230	Full	18.20	18.50	**21.36**	22.32		7.68		Pass
HE80	MCS0	2	42	5210	Full	14.00	14.20	17.11	22.32		7.68		Pass

FCC Band II MIMO														
Mod.	**Data Rate**	**NTX**	**CH.**	**Freq. (MHz)**	**RU Config.**	**Average Conducted Power (dBm)**			**Conducted Power Limit (dBm)**		**DG (dBi)**		**EIRP Power Limit (dBm)**	**Pass/Fail**
						Ant 1	**Ant 2**	**SUM**	**Ant 1**	**Ant 2**	**Ant 1**	**Ant 2**		
HE20	MCS0	2	52	5260	Full	15.10	14.80	17.96	21.97		8.01		30	Pass
HE20	MCS0	2	60	5300	Full	15.00	14.70	17.86	21.97		8.01		30	Pass
HE20	MCS0	2	64	5320	Full	14.80	14.50	17.66	21.97		8.01		30	Pass
HE40	MCS0	2	54	5270	Full	18.20	17.60	**20.92**	21.97		8.01		30	Pass
HE40	MCS0	2	62	5310	Full	15.70	15.30	18.51	21.97		8.01		30	Pass
HE80	MCS0	2	58	5290	Full	14.80	14.50	17.66	21.97		8.01		30	Pass

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	13.80	14.00	16.91	21.97		8.01		30	Pass
HE20	MCS0	2	116	5580	Full	13.50	13.40	16.46	21.97		8.01		30	Pass
HE20	MCS0	2	140	5700	Full	12.30	12.70	15.51	21.97		8.01		30	Pass
HE40	MCS0	2	102	5510	Full	13.40	13.60	16.51	21.97		8.01		30	Pass
HE40	MCS0	2	110	5550	Full	17.00	17.50	20.27	21.97		8.01		30	Pass
HE40	MCS0	2	134	5670	Full	14.40	15.10	17.77	21.97		8.01		30	Pass
HE80	MCS0	2	106	5530	Full	15.80	15.60	18.71	21.97		8.01		30	Pass
HE80	MCS0	2	122	5610	Full	18.00	17.30	**20.67**	21.97		8.01		30	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	12.80	13.20	16.01	21.03		8.01		30	Pass
HE40	MCS0	2	142	5710	Full	16.70	17.20	19.97	21.97		8.01		30	Pass
HE80	MCS0	2	138	5690	Full	16.70	16.80	19.76	21.97		8.01		30	Pass

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

<CDD Modes>

 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

<TXBF Modes>

 # Method SA-3 #

(power averaging (rms) detection with max hold):

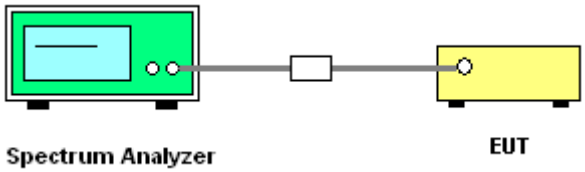
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (a): Measure and sum the spectra across the outputs.

   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

<CDD Mode>

Test Engineer :	Hank Hsu	Temperature :	21~25℃
		Relative Humidity :	51~54%

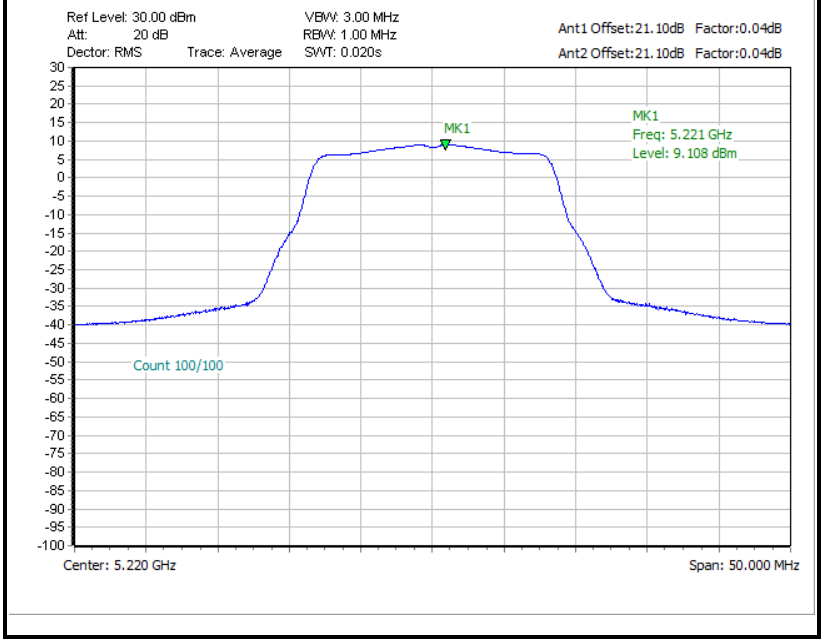
FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	0.04	0.04			8.75	9.32		7.68		Pass
11a	6Mbps	2	44	5220	0.04	0.04			**9.11**	9.32		7.68		Pass
11a	6Mbps	2	48	5240	0.04	0.04			9.04	9.32		7.68		Pass

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	0.04	0.04			8.78	8.99		8.01		Pass
11a	6Mbps	2	60	5300	0.04	0.04			**8.86**	8.99		8.01		Pass
11a	6Mbps	2	64	5320	0.04	0.04			8.75	8.99		8.01		Pass

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	0.04	0.04			**8.82**	8.99		8.01		Pass
11a	6Mbps	2	116	5580	0.04	0.04			**8.82**	8.99		8.01		Pass
11a	6Mbps	2	140	5700	0.04	0.04			8.48	8.99		8.01		Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	144	5720	0.04	0.04			8.46	8.99		8.01		Pass

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

<802.11ax Mode>

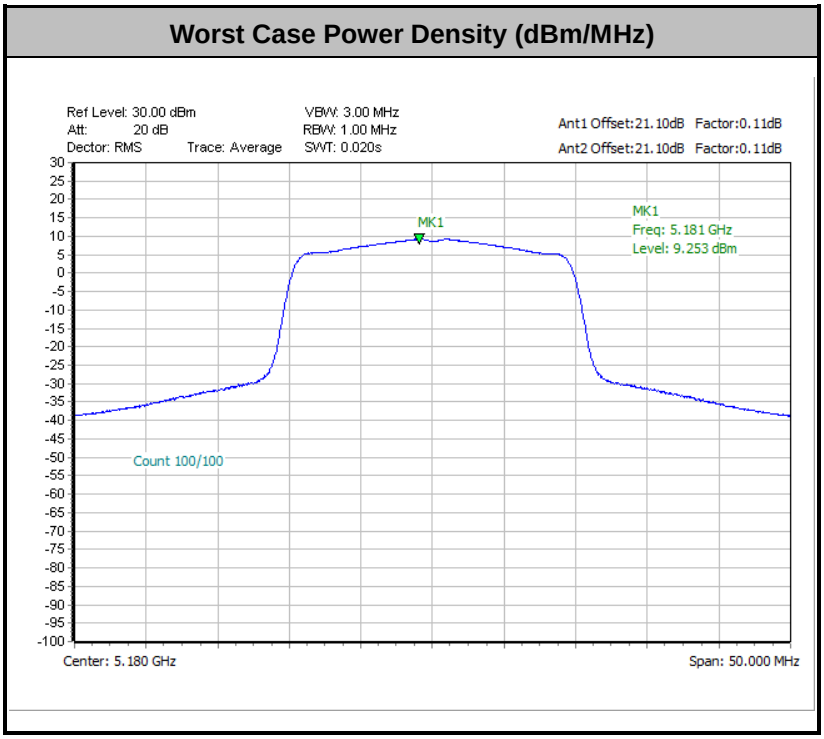
FCC Band I MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	36	5180	Full	0.11	0.11			**9.25**	9.32		7.68		Pass
HE20	MCS0	2	36	5180	26/0	0.11	0.11			8.86	9.32		7.68		Pass
HE20	MCS0	2	36	5180	52/37	0.11	0.11			8.72	9.32		7.68		Pass
HE20	MCS0	2	36	5180	106/53	0.11	0.11			8.97	9.32		7.68		Pass
HE20	MCS0	2	44	5220	Full	0.11	0.11			9.17	9.32		7.68		Pass
HE20	MCS0	2	44	5220	26/4	0.11	0.11			8.56	9.32		7.68		Pass
HE20	MCS0	2	44	5220	52/39	0.11	0.11			9.16	9.32		7.68		Pass
HE20	MCS0	2	44	5220	106/53	0.11	0.11			8.77	9.32		7.68		Pass
HE20	MCS0	2	48	5240	Full	0.11	0.11			8.98	9.32		7.68		Pass
HE20	MCS0	2	48	5240	26/8	0.11	0.11			8.73	9.32		7.68		Pass
HE20	MCS0	2	48	5240	52/40	0.11	0.11			8.39	9.32		7.68		Pass
HE20	MCS0	2	48	5240	106/54	0.11	0.11			8.95	9.32		7.68		Pass
HE40	MCS0	2	38	5190	Full	0.13	0.13			2.76	9.32		7.68		Pass
HE40	MCS0	2	38	5190	242/61	0.13	0.13			0.60	9.32		7.68		Pass
HE40	MCS0	2	46	5230	Full	0.13	0.13			6.09	9.32		7.68		Pass
HE40	MCS0	2	46	5230	242/62	0.13	0.13			5.59	9.32		7.68		Pass
HE80	MCS0	2	42	5210	Full	0.09	0.09			-1.62	9.32		7.68		Pass
HE80	MCS0	2	42	5210	484/65	0.09	0.09			-5.15	9.32		7.68		Pass

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	0.11	0.11			8.54	8.99		8.01		Pass
HE20	MCS0	2	52	5260	26/0	0.11	0.11			8.46	8.99		8.01		Pass
HE20	MCS0	2	52	5260	52/37	0.11	0.11			8.26	8.99		8.01		Pass
HE20	MCS0	2	52	5260	106/53	0.11	0.11			7.97	8.99		8.01		Pass
HE20	MCS0	2	60	5300	Full	0.11	0.11			**8.82**	8.99		8.01		Pass
HE20	MCS0	2	60	5300	26/4	0.11	0.11			8.21	8.99		8.01		Pass
HE20	MCS0	2	60	5300	52/39	0.11	0.11			8.49	8.99		8.01		Pass
HE20	MCS0	2	60	5300	106/54	0.11	0.11			8.22	8.99		8.01		Pass
HE20	MCS0	2	64	5320	Full	0.11	0.11			8.60	8.99		8.01		Pass
HE20	MCS0	2	64	5320	26/8	0.11	0.11			8.20	8.99		8.01		Pass
HE20	MCS0	2	64	5320	52/40	0.11	0.11			8.54	8.99		8.01		Pass
HE20	MCS0	2	64	5320	106/54	0.11	0.11			8.37	8.99		8.01		Pass
HE40	MCS0	2	54	5270	Full	0.13	0.13			5.46	8.99		8.01		Pass
HE40	MCS0	2	54	5270	242/61	0.13	0.13			5.01	8.99		8.01		Pass
HE40	MCS0	2	62	5310	Full	0.13	0.13			3.17	8.99		8.01		Pass
HE40	MCS0	2	62	5310	242/62	0.13	0.13			0.59	8.99		8.01		Pass
HE80	MCS0	2	58	5290	Full	0.09	0.09			-1.21	8.99		8.01		Pass
HE80	MCS0	2	58	5290	484/66	0.09	0.09			-4.77	8.99		8.01		Pass

FCC Band III MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	100	5500	Full	0.11	0.11			8.92	8.99		8.01		Pass
HE20	MCS0	2	100	5500	26/0	0.11	0.11			8.86	8.99		8.01		Pass
HE20	MCS0	2	100	5500	52/37	0.11	0.11			8.84	8.99		8.01		Pass
HE20	MCS0	2	100	5500	106/53	0.11	0.11			8.85	8.99		8.01		Pass
HE20	MCS0	2	116	5580	Full	0.11	0.11			**8.96**	8.99		8.01		Pass
HE20	MCS0	2	116	5580	26/4	0.11	0.11			8.62	8.99		8.01		Pass
HE20	MCS0	2	116	5580	52/38	0.11	0.11			8.83	8.99		8.01		Pass
HE20	MCS0	2	116	5580	106/53	0.11	0.11			8.75	8.99		8.01		Pass
HE20	MCS0	2	140	5700	Full	0.11	0.11			8.35	8.99		8.01		Pass
HE20	MCS0	2	140	5700	26/8	0.11	0.11			7.97	8.99		8.01		Pass
HE20	MCS0	2	140	5700	52/40	0.11	0.11			8.23	8.99		8.01		Pass
HE20	MCS0	2	140	5700	106/54	0.11	0.11			8.00	8.99		8.01		Pass
HE40	MCS0	2	102	5510	Full	0.13	0.13			3.67	8.99		8.01		Pass
HE40	MCS0	2	102	5510	242/61	0.13	0.13			2.13	8.99		8.01		Pass
HE40	MCS0	2	110	5550	Full	0.13	0.13			6.77	8.99		8.01		Pass
HE40	MCS0	2	110	5550	242/61	0.13	0.13			6.58	8.99		8.01		Pass
HE40	MCS0	2	134	5670	Full	0.13	0.13			5.30	8.99		8.01		Pass
HE40	MCS0	2	134	5670	242/62	0.13	0.13			5.15	8.99		8.01		Pass
HE80	MCS0	2	106	5530	Full	0.09	0.09			0.37	8.99		8.01		Pass
HE80	MCS0	2	106	5530	484/65	0.09	0.09			-1.51	8.99		8.01		Pass
HE80	MCS0	2	122	5610	Full	0.09	0.09			2.08	8.99		8.01		Pass
HE80	MCS0	2	122	5610	484/66	0.09	0.09			-0.72	8.99		8.01		Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	144	5720	Full	0.11	0.11			8.55	8.99		8.01		Pass
HE40	MCS0	2	144	5720	26/8	0.13	0.13			8.04	8.99		8.01		Pass
HE40	MCS0	2	144	5720	52/40	0.13	0.13			8.26	8.99		8.01		Pass
HE40	MCS0	2	144	5720	106/54	0.13	0.13			8.11	8.99		8.01		Pass
HE40	MCS0	2	142	5710	Full	0.13	0.13			7.40	8.99		8.01		Pass
HE40	MCS0	2	142	5710	242/62	0.13	0.13			7.24	8.99		8.01		Pass
HE80	MCS0	2	138	5690	Full	0.09	0.09			1.37	8.99		8.01		Pass
HE80	MCS0	2	138	5690	484/66	0.09	0.09			1.25	8.99		8.01		Pass

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

<TXBF Mode>

Test Engineer :	Hank Hsu	Temperature :	21~25℃
		Relative Humidity :	51~54%

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	36	5180	Full			8.82	9.32		7.68		Pass
HE20	MCS0	2	44	5220	Full			8.96	9.32		7.68		Pass
HE20	MCS0	2	48	5240	Full			**9.06**	9.32		7.68		Pass
HE40	MCS0	2	38	5190	Full			2.40	9.32		7.68		Pass
HE40	MCS0	2	46	5230	Full			7.62	9.32		7.68		Pass
HE80	MCS0	2	42	5210	Full			0.44	9.32		7.68		Pass

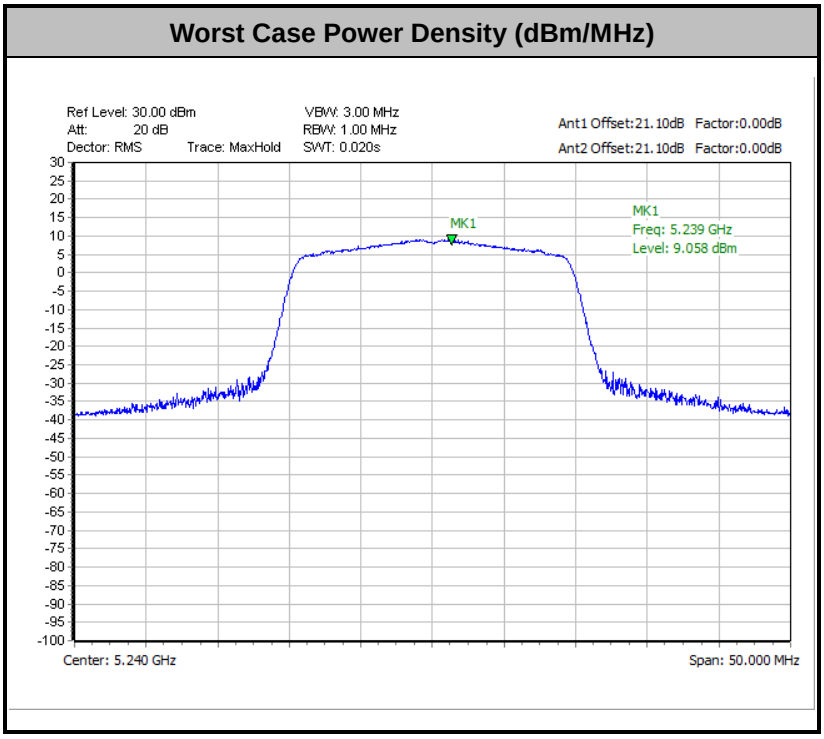
FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full			8.77	8.99		8.01		Pass
HE20	MCS0	2	60	5300	Full			8.78	8.99		8.01		Pass
HE20	MCS0	2	64	5320	Full			**8.91**	8.99		8.01		Pass
HE40	MCS0	2	54	5270	Full			7.44	8.99		8.01		Pass
HE40	MCS0	2	62	5310	Full			4.49	8.99		8.01		Pass
HE80	MCS0	2	58	5290	Full			0.30	8.99		8.01		Pass

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	100	5500	Full			8.56	8.99		8.01		Pass
HE20	MCS0	2	116	5580	Full			8.62	8.99		8.01		Pass
HE20	MCS0	2	140	5700	Full			8.37	8.99		8.01		Pass
HE40	MCS0	2	102	5510	Full			4.18	8.99		8.01		Pass
HE40	MCS0	2	110	5550	Full			7.92	8.99		8.01		Pass
HE40	MCS0	2	134	5670	Full			6.39	8.99		8.01		Pass
HE80	MCS0	2	106	5530	Full			2.21	8.99		8.01		Pass
HE80	MCS0	2	122	5610	Full			2.84	8.99		8.01		Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	144	5720	Full			**8.73**	8.99		8.01		Pass
HE40	MCS0	2	142	5710	Full			8.45	8.99		8.01		Pass
HE80	MCS0	2	138	5690	Full			2.17	8.99		8.01		Pass

<TXBF Modes>

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 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) 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

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

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit 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.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 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 1000 MHz

- 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 ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

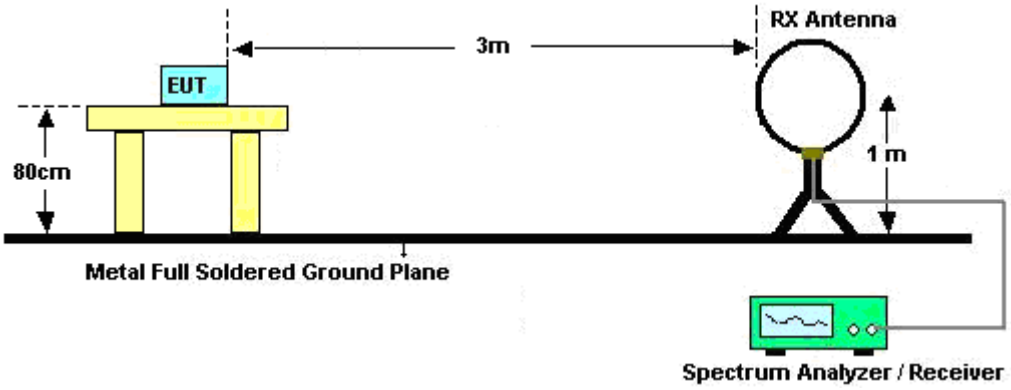
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 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 1 GHz and 1.5 meter for frequency above 1 GHz 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 1 GHz, 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 1 GHz, the emission level of the EUT in peak mode was 20 dB 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.

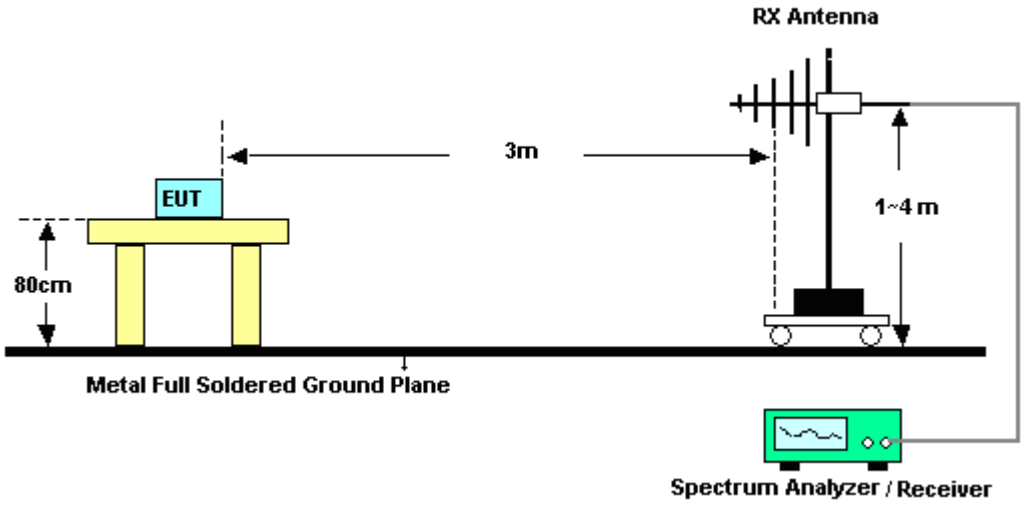
3.4.4 Test Setup

For radiated emissions below 30MHz

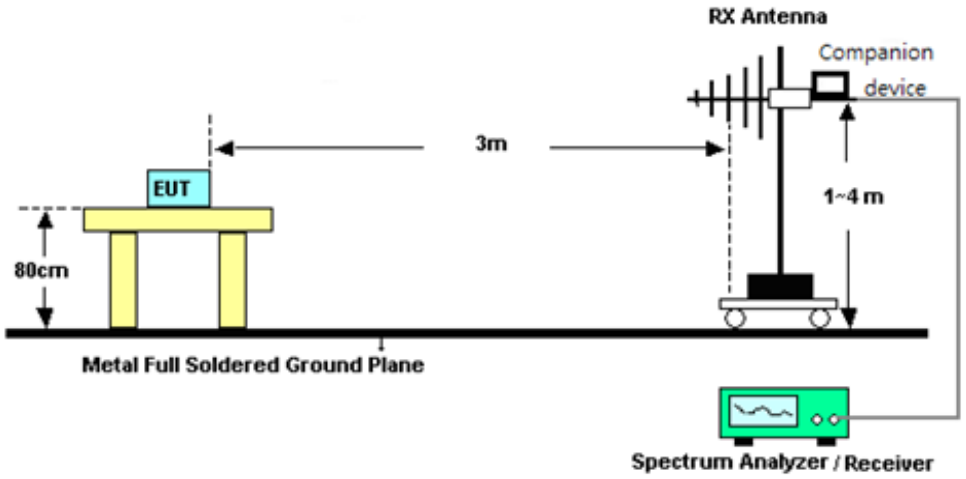


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

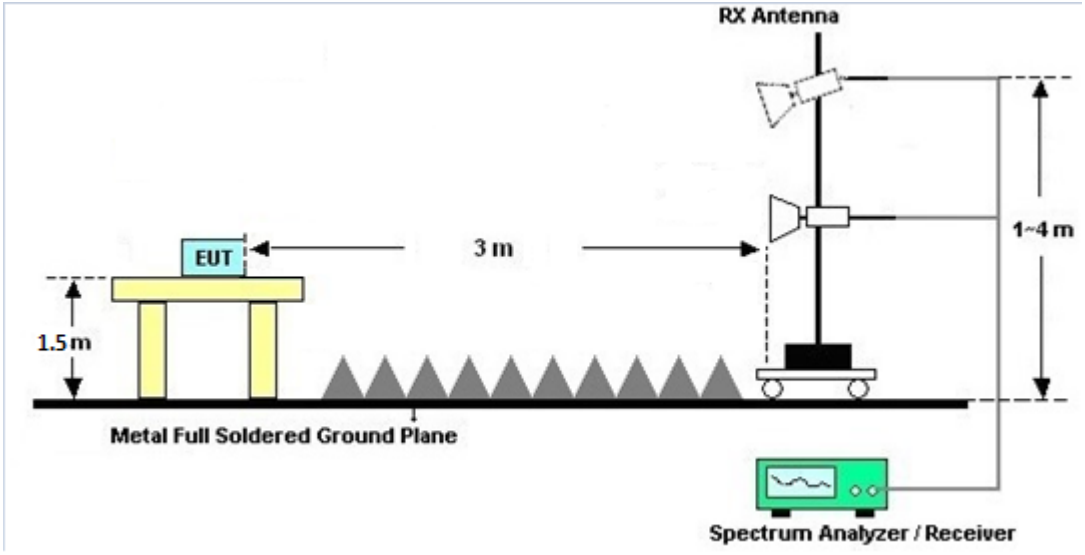


<TXBF Modes>

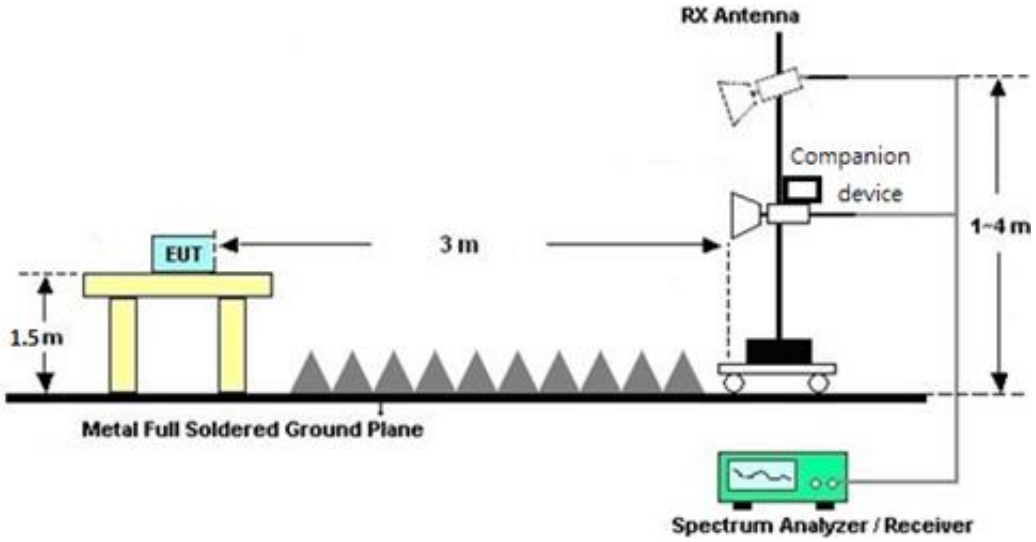


For radiated test above 1GHz

<CDD Mode>



<TXBF Modes>



3.4.5 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 was not reported.

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

3.5 AC Conducted Emission Measurement

3.5.1 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 (dBμV)	
	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.

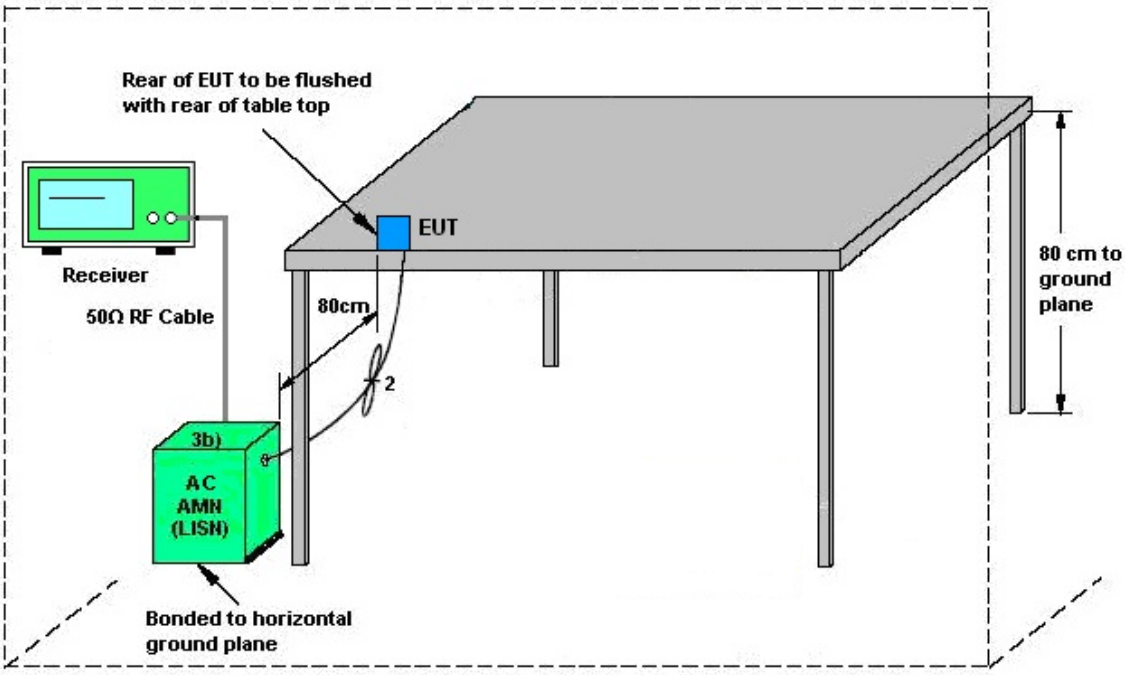
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 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 shall 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.

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.6 Automatically Discontinue Transmission

3.6.1 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.

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 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.

3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	4.10	5.20	5.20	7.68	0.00	1.68
Band II	4.80	5.20	5.20	8.01	0.00	2.01
Band III	4.80	5.20	5.20	8.01	0.00	2.01

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	4.10	5.20	7.68	7.68	1.68	1.68
Band II	4.80	5.20	8.01	8.01	2.01	2.01
Band III	4.80	5.20	8.01	8.01	2.01	2.01

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Apr. 27, 2021~ May 26, 2021	Jul. 13, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Apr. 27, 2021~ May 26, 2021	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Apr. 27, 2021~ May 26, 2021	Dec. 27, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Nov. 03, 2020	Apr. 27, 2021~ May 26, 2021	Nov. 02, 2021	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Dec. 02, 2020	Apr. 27, 2021~ May 26, 2021	Dec. 01, 2021	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005006	1GHz~18GHz	May 07, 2020	Apr. 30, 2021~ May 05, 2021	May 06, 2021	Radiation (03CH15-HY)
Amplifier	EMCI	EMC118A45 SE	980791	1GHz-18GHz	Nov. 16, 2020	May 05, 2021~ May 06, 2021	Nov. 15, 2021	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005006	1GHz~18GHz	May 06, 2021	May 06, 2021~ May 26, 2021	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 21, 2020	Apr. 27, 2021~ May 26, 2021	Aug. 20, 2021	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Oct. 27, 2020	Apr. 27, 2021~ May 26, 2021	Oct. 26, 2021	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20MHz~8.4GHz	Nov. 02, 2020	Apr. 27, 2021~ May 26, 2021	Nov. 01, 2021	Radiation (03CH15-HY
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 04, 2020	Apr. 27, 2021~ May 02, 2021	May 03, 2021	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 05, 2021	May 02, 2021~ May 26, 2021	Mar. 04, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Apr. 27, 2021~ May 26, 2021	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Apr. 27, 2021~ May 26, 2021	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24 (k5)	RK-000451	N/A	N/A	Apr. 27, 2021~ May 26, 2021	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 16, 2020	Apr. 27, 2021~ May 26, 2021	Nov. 15, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Apr. 27, 2021~ May 26, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Apr. 27, 2021~ May 26, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Apr. 27, 2021~ May 26, 2021	Mar. 10, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 03, 2020	Apr. 27, 2021~ May 26, 2021	Jul. 02, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jul. 01, 2020	Apr. 27, 2021~ May 26, 2021	Jun. 30, 2021	Radiation (03CH15-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 30, 2021	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 30, 2021	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	9561-FN00373	9kHz-200MHz	Nov. 02, 2020	Apr. 30, 2021	Nov. 01, 2021	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	N/A	Apr. 30, 2021	N/A	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 01, 2021	Apr. 30, 2021	Jan. 31, 2022	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Apr. 30, 2021	Sep. 10, 2021	Conduction (CO07-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Apr. 06, 2021~ Jun. 08, 2021	Mar. 02, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 16, 2020	Apr. 06, 2021~ Jun. 08, 2021	Dec. 15, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Apr. 06, 2021~ Jun. 08, 2021	Jul. 21, 2021	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jan. 21, 2021	Apr. 06, 2021~ Jun. 08, 2021	Jan. 20, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Apr. 06, 2021~ Jun. 08, 2021	Mar. 16, 2022	Conducted (TH05-HY)

5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.2 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3 dB**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

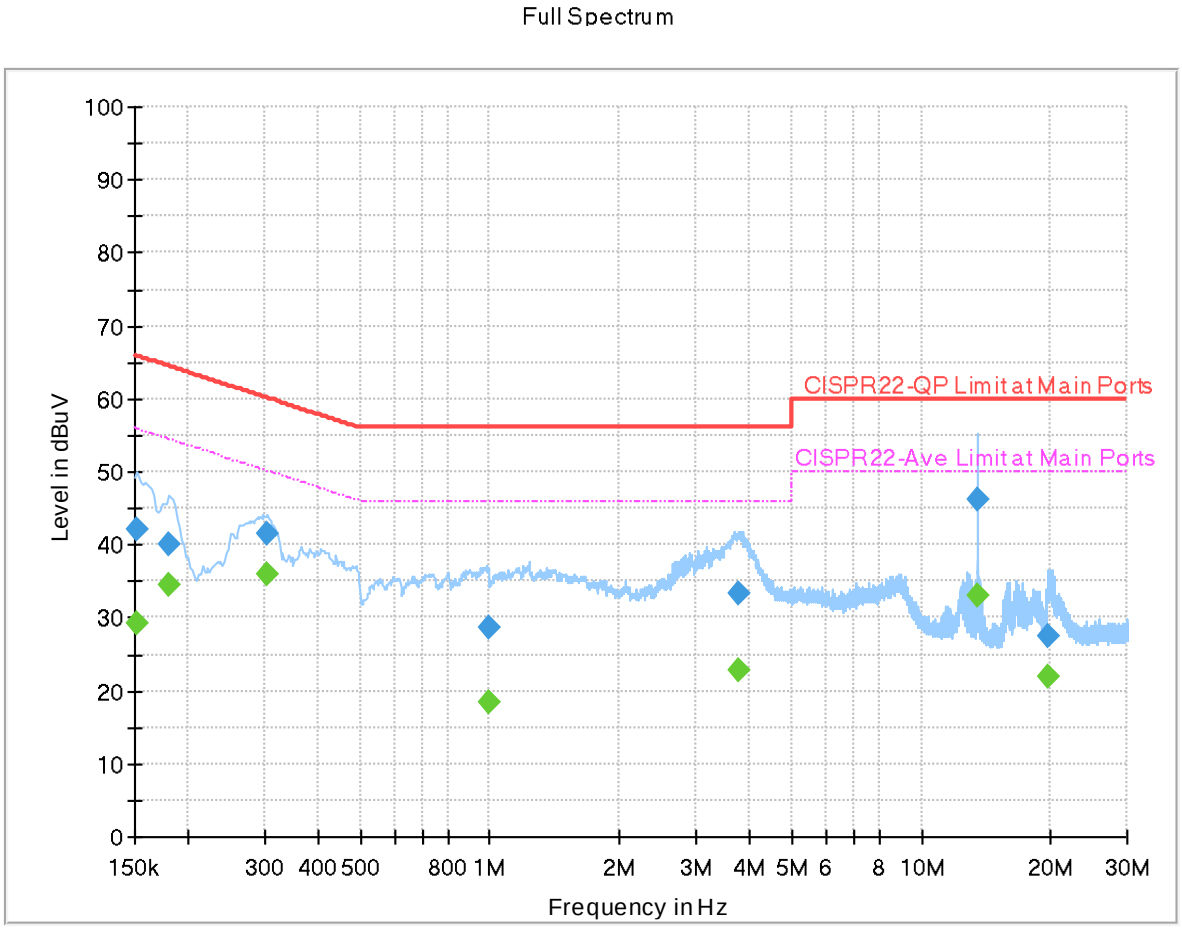
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9 dB**

Appendix A. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	131009-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

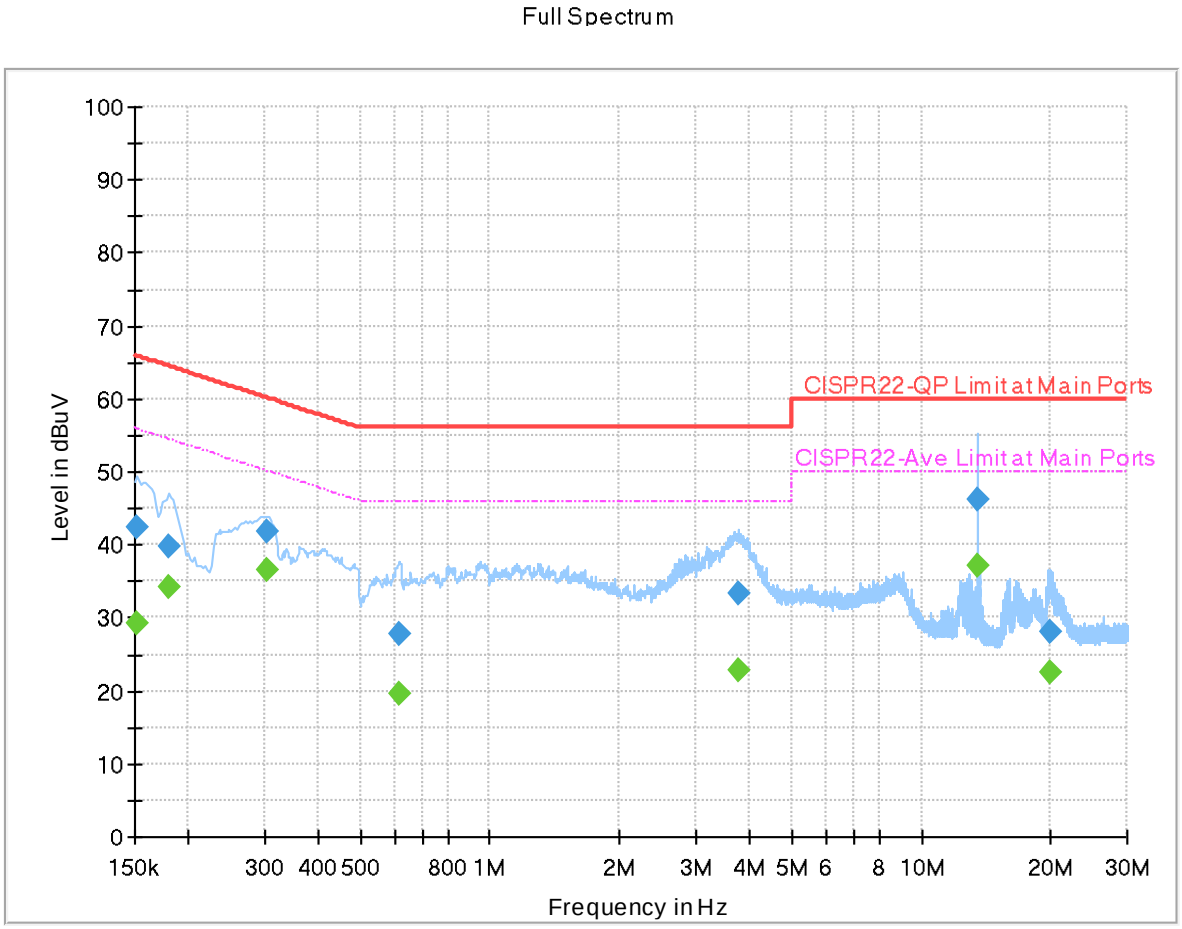


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.16	55.88	26.72	L1	OFF	20.0
0.152250	41.97	---	65.88	23.91	L1	OFF	20.0
0.179250	---	34.61	54.52	19.91	L1	OFF	20.0
0.179250	40.06	---	64.52	24.46	L1	OFF	20.0
0.305250	---	35.94	50.10	14.16	L1	OFF	20.0
0.305250	41.55	---	60.10	18.55	L1	OFF	20.0
0.989250	---	18.55	46.00	27.45	L1	OFF	20.0
0.989250	28.60	---	56.00	27.40	L1	OFF	20.0
3.777000	---	22.93	46.00	23.07	L1	OFF	20.1
3.777000	33.40	---	56.00	22.60	L1	OFF	20.1
13.560000	---	33.14	50.00	16.86	L1	OFF	20.2
13.560000	46.14	---	60.00	13.86	L1	OFF	20.2
19.686750	---	21.89	50.00	28.11	L1	OFF	20.2
19.686750	27.41	---	60.00	32.59	L1	OFF	20.2

EUT Information

Report NO :	131009-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.13	55.88	26.75	N	OFF	20.0
0.152250	42.52	---	65.88	23.36	N	OFF	20.0
0.179250	---	34.18	54.52	20.34	N	OFF	20.0
0.179250	39.82	---	64.52	24.70	N	OFF	20.0
0.303000	---	36.44	50.16	13.72	N	OFF	20.0
0.303000	41.83	---	60.16	18.33	N	OFF	20.0
0.618000	---	19.45	46.00	26.55	N	OFF	20.0
0.618000	27.72	---	56.00	28.28	N	OFF	20.0
3.783750	---	22.82	46.00	23.18	N	OFF	20.1
3.783750	33.34	---	56.00	22.66	N	OFF	20.1
13.560000	---	37.12	50.00	12.88	N	OFF	20.2
13.560000	46.34	---	60.00	13.66	N	OFF	20.2
19.873500	---	22.40	50.00	27.60	N	OFF	20.3
19.873500	28.10	---	60.00	31.90	N	OFF	20.3

Appendix B. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

<CDD Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5147.68	63.08	-10.92	74	51.29	31.8	10	30.01	115	47	P	H
		5150	51.3	-2.7	54	39.51	31.8	10	30.01	115	47	A	H
	*	5180	116.1	-	-	104.46	31.62	10.03	30.01	115	47	P	H
	*	5180	108.92	-	-	97.28	31.62	10.03	30.01	115	47	A	H
													H
													H
		5150	57.02	-16.98	74	45.23	31.8	10	30.01	100	56	P	V
		5150	47.29	-6.71	54	35.5	31.8	10	30.01	100	56	A	V
	*	5180	111.21	-	-	99.57	31.62	10.03	30.01	100	56	P	V
	*	5180	103.78	-	-	92.14	31.62	10.03	30.01	100	56	A	V
													V
													V
802.11a CH 44 5220MHz		5141.96	63.02	-10.98	74	51.24	31.8	9.99	30.01	100	47	P	H
		5150	52.27	-1.73	54	40.48	31.8	10	30.01	100	47	A	H
	*	5220	122.59	-	-	111.15	31.38	10.07	30.01	100	47	P	H
	*	5220	115.04	-	-	103.6	31.38	10.07	30.01	100	47	A	H
		5355.56	59.52	-14.48	74	48.22	31.13	10.17	30	100	47	P	H
		5350	48.86	-5.14	54	37.59	31.1	10.17	30	100	47	A	H
		5145.08	58.78	-15.22	74	47	31.8	9.99	30.01	100	90	P	V
		5150	47.56	-6.44	54	35.77	31.8	10	30.01	100	90	A	V
	*	5220	117.2	-	-	105.76	31.38	10.07	30.01	100	90	P	V
	*	5220	109.49	-	-	98.05	31.38	10.07	30.01	100	90	A	V
		5356.96	54.66	-19.34	74	43.34	31.14	10.18	30	100	90	P	V
		5400.08	44.94	-9.06	54	33.33	31.4	10.21	30	100	90	A	V

802.11a CH 48 5240MHz		5148.72	62.19	-11.81	74	50.4	31.8	10	30.01	100	48	P	H
		5150	52.08	-1.92	54	40.29	31.8	10	30.01	100	48	A	H
	*	5240	123.57	-	-	112.24	31.26	10.08	30.01	100	48	P	H
	*	5240	115.7	-	-	104.37	31.26	10.08	30.01	100	48	A	H
		5350.24	63.02	-10.98	74	51.75	31.1	10.17	30	100	48	P	H
		5350	52.53	-1.47	54	41.26	31.1	10.17	30	100	48	A	H
		5145.86	58.47	-15.53	74	46.69	31.8	9.99	30.01	100	96	P	V
		5149.76	46.62	-7.38	54	34.83	31.8	10	30.01	100	96	A	V
	*	5240	117.1	-	-	105.77	31.26	10.08	30.01	100	96	P	V
	*	5240	110.32	-	-	98.99	31.26	10.08	30.01	100	96	A	V
		5351.64	57.51	-16.49	74	46.23	31.11	10.17	30	100	96	P	V
		5350	48.08	-5.92	54	36.81	31.1	10.17	30	100	96	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+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.93	-18.27	68.2	56.93	39.44	14.46	60.9	100	0	P	H
		15540	48.8	-25.2	74	56.4	37.82	17.29	62.71	100	0	P	H
													H
													H
		10360	49.07	-19.13	68.2	56.07	39.44	14.46	60.9	100	0	P	V
		15540	48.47	-25.53	74	56.07	37.82	17.29	62.71	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.51	-18.69	68.2	56.39	39.64	14.5	61.02	100	0	P	H
		15660	52.09	-21.91	74	59.34	37.52	17.36	62.13	299	103	P	H
		15660	41.9	-12.1	54	49.15	37.52	17.36	62.13	299	103	A	H
													H
		10440	49.98	-18.22	68.2	56.86	39.64	14.5	61.02	100	0	P	V
		15660	52.02	-21.98	74	59.27	37.52	17.36	62.13	368	12	P	V
		15660	42.41	-11.59	54	49.66	37.52	17.36	62.13	368	12	A	V
													V
802.11a CH 48 5240MHz		10480	49.42	-18.78	68.2	56.29	39.68	14.52	61.07	100	0	P	H
		15720	52.12	-21.88	74	59.22	37.34	17.4	61.84	100	0	P	H
													H
													H
		10480	48.77	-19.43	68.2	55.64	39.68	14.52	61.07	100	0	P	V
		15720	52.03	-21.97	74	59.13	37.34	17.4	61.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5150	62.43	-11.57	74	50.64	31.8	10	30.01	100	46	P	H
		5149.5	52.39	-1.61	54	40.6	31.8	10	30.01	100	46	A	H
	*	5180	116.5	-	-	104.86	31.62	10.03	30.01	100	46	P	H
	*	5180	106.63	-	-	94.99	31.62	10.03	30.01	100	46	A	H
802.11ax													H
HE20 Full													H
CH 36		5144.82	57.46	-16.54	74	45.68	31.8	9.99	30.01	100	54	P	V
5180MHz		5149.5	47.8	-6.2	54	36.01	31.8	10	30.01	100	54	A	V
	*	5180	111.41	-	-	99.77	31.62	10.03	30.01	100	54	P	V
	*	5180	101.37	-	-	89.73	31.62	10.03	30.01	100	54	A	V
													V
													V
		5147.94	63.12	-10.88	74	51.33	31.8	10	30.01	100	46	P	H
		5149.76	52.54	-1.46	54	40.75	31.8	10	30.01	100	46	A	H
	*	5220	120.72	-	-	109.28	31.38	10.07	30.01	100	46	P	H
	*	5220	110.28	-	-	98.84	31.38	10.07	30.01	100	46	A	H
802.11ax		5350.52	59.54	-14.46	74	48.27	31.1	10.17	30	100	46	P	H
HE20 Full		5350.24	50.19	-3.81	54	38.92	31.1	10.17	30	100	46	A	H
CH 44		5133.64	54.91	-19.09	74	43.14	31.8	9.98	30.01	397	91	P	V
5220MHz		5149.24	45.14	-8.86	54	33.35	31.8	10	30.01	397	91	A	V
	*	5220	116.78	-	-	105.34	31.38	10.07	30.01	397	91	P	V
	*	5220	106.56	-	-	95.12	31.38	10.07	30.01	397	91	A	V
		5350.24	55.25	-18.75	74	43.98	31.1	10.17	30	397	91	P	V
		5400.08	45.61	-8.39	54	34	31.4	10.21	30	397	91	A	V

		5147.68	61.45	-12.55	74	49.66	31.8	10	30.01	100	46	P	H
		5150	51.63	-2.37	54	39.84	31.8	10	30.01	100	46	A	H
	*	5240	122.51	-	-	111.18	31.26	10.08	30.01	100	46	P	H
	*	5240	112.95	-	-	101.62	31.26	10.08	30.01	100	46	A	H
802.11ax		5355	62.37	-11.63	74	51.07	31.13	10.17	30	100	46	P	H
HE20 Full		5350.24	52.3	-1.7	54	41.03	31.1	10.17	30	100	46	A	H
CH 48		5147.42	55.38	-18.62	74	43.6	31.8	9.99	30.01	100	99	P	V
5240MHz		5150	45.61	-8.39	54	33.82	31.8	10	30.01	100	99	A	V
	*	5240	117.11	-	-	105.78	31.26	10.08	30.01	100	99	P	V
	*	5240	107.38	-	-	96.05	31.26	10.08	30.01	100	99	A	V
		5352.2	57.58	-16.42	74	46.3	31.11	10.17	30	100	99	P	V
		5350.24	47.59	-6.41	54	36.32	31.1	10.17	30	100	99	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.94	-18.26	68.2	56.94	39.44	14.46	60.9	100	0	P	H
		15540	48.87	-25.13	74	56.47	37.82	17.29	62.71	100	0	P	H
802.11ax													H
HE20 Full													H
CH 36		10360	49.11	-19.09	68.2	56.11	39.44	14.46	60.9	100	0	P	V
5180MHz		15540	47.59	-26.41	74	55.19	37.82	17.29	62.71	100	0	P	V
													V
													V
		10440	48.7	-19.5	68.2	55.58	39.64	14.5	61.02	100	0	P	H
		15660	49.98	-24.02	74	57.23	37.52	17.36	62.13	100	0	P	H
802.11ax													H
HE20 Full													H
CH 44		10440	49.68	-18.52	68.2	56.56	39.64	14.5	61.02	100	0	P	V
5220MHz		15660	49.92	-24.08	74	57.17	37.52	17.36	62.13	100	0	P	V
													V
													V
		10480	48.99	-19.21	68.2	55.7	39.68	14.52	60.91	100	0	P	H
		15720	48.12	-25.88	74	55.05	37.34	17.4	61.67	100	0	P	H
802.11ax													H
HE20 Full													H
CH 48		10480	48.29	-19.91	68.2	55	39.68	14.52	60.91	100	0	P	V
5240MHz		15720	48.29	-25.71	74	55.22	37.34	17.4	61.67	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.3	63.47	-10.53	74	51.69	31.8	9.99	30.01	100	50	P	H
		5150	52.83	-1.17	54	41.04	31.8	10	30.01	100	50	A	H
	*	5180	119.72	-	-	108.03	31.68	10.02	30.01	100	50	P	H
802.11ax	*	5180	110.5	-	-	98.81	31.68	10.02	30.01	100	50	A	H
HE20													H
Partial													H
106/53		5149.24	58.69	-15.31	74	46.9	31.8	10	30.01	100	52	P	V
CH 36		5149.5	48.08	-5.92	54	36.29	31.8	10	30.01	100	52	A	V
5180MHz	*	5180	114.39	-	-	102.75	31.62	10.03	30.01	100	52	P	V
	*	5180	104.41	-	-	92.77	31.62	10.03	30.01	100	52	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.03	-19.17	68.2	55.93	39.44	14.46	60.8	100	0	P	H
802.11ax		15540	46.29	-27.71	74	53.54	37.82	17.29	62.36	100	0	P	H
HE20													H
Partial													H
106/53		10360	48.5	-19.7	68.2	55.4	39.44	14.46	60.8	100	0	P	V
CH 36		15540	46.16	-27.84	74	53.41	37.82	17.29	62.36	100	0	P	V
5180MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.2	68.18	-5.82	74	56.39	31.8	10	30.01	100	47	P	H
		5150	52.43	-1.57	54	40.64	31.8	10	30.01	100	47	A	H
	*	5190	112.18	-	-	100.59	31.56	10.04	30.01	100	47	P	H
	*	5190	101.32	-	-	89.73	31.56	10.04	30.01	100	47	A	H
802.11ax		5368.72	57.11	-16.89	74	45.72	31.21	10.18	30	100	47	P	H
HE40 Full		5350.24	46.9	-7.1	54	35.63	31.1	10.17	30	100	47	A	H
CH 38		5148.2	62.67	-11.33	74	50.88	31.8	10	30.01	100	51	P	V
5190MHz		5150	47.91	-6.09	54	36.12	31.8	10	30.01	100	51	A	V
	*	5190	105.7	-	-	94.11	31.56	10.04	30.01	100	51	P	V
	*	5190	95.39	-	-	83.8	31.56	10.04	30.01	100	51	A	V
		5363.4	51.65	-22.35	74	40.29	31.18	10.18	30	100	51	P	V
		5369	43.24	-10.76	54	31.84	31.21	10.19	30	100	51	A	V
		5148.46	61.31	-12.69	74	49.52	31.8	10	30.01	100	45	P	H
		5150	49.42	-4.58	54	37.63	31.8	10	30.01	100	45	A	H
	*	5230	114.21	-	-	102.83	31.32	10.07	30.01	100	45	P	H
	*	5230	103.93	-	-	92.55	31.32	10.07	30.01	100	45	A	H
802.11ax		5355.84	61.5	-12.5	74	50.19	31.14	10.17	30	100	45	P	H
HE40 Full		5391.96	50.67	-3.33	54	39.12	31.35	10.2	30	100	45	A	H
CH 46		5148.98	54.11	-19.89	74	42.32	31.8	10	30.01	100	98	P	V
5230MHz		5148.98	43.72	-10.28	54	31.93	31.8	10	30.01	100	98	A	V
	*	5230	107.95	-	-	96.57	31.32	10.07	30.01	100	98	P	V
	*	5230	98.17	-	-	86.79	31.32	10.07	30.01	100	98	A	V
		5409.04	56.47	-17.53	74	44.81	31.44	10.22	30	100	98	P	V
		5410.44	46.77	-7.23	54	35.11	31.44	10.22	30	100	98	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.1	-20.1	68.2	54.93	39.52	14.47	60.82	100	0	P	H
		15570	45.99	-28.01	74	53.17	37.76	17.3	62.24	100	0	P	H
802.11ax													H
HE40 Full													H
CH 38		10380	49.11	-19.09	68.2	55.94	39.52	14.47	60.82	100	0	P	V
5190MHz		15570	46.75	-27.25	74	53.93	37.76	17.3	62.24	100	0	P	V
													V
													V
		10460	48.24	-19.96	68.2	54.96	39.66	14.51	60.89	100	0	P	H
		15690	45.15	-28.85	74	52.13	37.43	17.38	61.79	100	0	P	H
802.11ax													H
HE40 Full													H
CH 46		10460	48.4	-19.8	68.2	55.12	39.66	14.51	60.89	100	0	P	V
5230MHz		15690	45.23	-28.77	74	52.21	37.43	17.38	61.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5147.68	61.81	-12.19	74	50.02	31.8	10	30.01	100	47	P	H
		5150	51.22	-2.78	54	39.43	31.8	10	30.01	100	47	A	H
	*	5190	113.47	-	-	101.88	31.56	10.04	30.01	100	47	P	H
	*	5190	104	-	-	92.41	31.56	10.04	30.01	100	47	A	H
		5359.2	55.92	-18.08	74	44.58	31.16	10.18	30	100	47	P	H
		5350	47.39	-6.61	54	36.12	31.1	10.17	30	100	47	A	H
		5140.14	55.46	-18.54	74	43.68	31.8	9.99	30.01	125	54	P	V
		5150	45.77	-8.23	54	33.98	31.8	10	30.01	125	54	A	V
	*	5190	106.43	-	-	94.84	31.56	10.04	30.01	125	54	P	V
	*	5190	97.42	-	-	85.83	31.56	10.04	30.01	125	54	A	V
		5367.04	51.53	-22.47	74	40.15	31.2	10.18	30	125	54	P	V
		5369	43.08	-10.92	54	31.68	31.21	10.19	30	125	54	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.54	-19.66	68.2	55.37	39.52	14.47	60.82	100	0	P	H
802.11ax		15570	46.64	-27.36	74	53.82	37.76	17.3	62.24	100	0	P	H
HE40													H
Partial													H
242/61		10380	48.01	-20.19	68.2	54.84	39.52	14.47	60.82	100	0	P	V
CH 38		15570	46.15	-27.85	74	53.33	37.76	17.3	62.24	100	0	P	V
5190MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5147.94	64.26	-9.74	74	52.47	31.8	10	30.01	244	47	P	H
		5149.76	52.15	-1.85	54	40.36	31.8	10	30.01	244	47	A	H
	*	5210	107.35	-	-	95.86	31.44	10.06	30.01	244	47	P	H
	*	5210	97.58	-	-	86.09	31.44	10.06	30.01	244	47	A	H
		5376.56	59.05	-14.95	74	47.6	31.26	10.19	30	244	47	P	H
		5396.72	49.58	-4.42	54	37.99	31.38	10.21	30	244	47	A	H
		5144.82	62.14	-11.86	74	50.36	31.8	9.99	30.01	400	75	P	V
		5149.5	47.83	-6.17	54	36.04	31.8	10	30.01	400	75	A	V
	*	5210	102.72	-	-	91.23	31.44	10.06	30.01	400	75	P	V
	*	5210	92.1	-	-	80.61	31.44	10.06	30.01	400	75	A	V
		5404	56.18	-17.82	74	44.55	31.42	10.21	30	400	75	P	V
		5413.52	46.36	-7.64	54	34.69	31.45	10.22	30	400	75	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	48.44	-19.76	68.2	55.18	39.62	14.49	60.85	100	0	P	H
		15630	46.11	-27.89	74	53.18	37.61	17.34	62.02	100	0	P	H
802.11ax													H
HE80 Full													H
CH 42		10420	48.59	-19.61	68.2	55.33	39.62	14.49	60.85	100	0	P	V
5210MHz		15630	46.72	-27.28	74	53.79	37.61	17.34	62.02	100	0	P	V
													V
													V

Remark	
	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5148.98	63.12	-10.88	74	51.33	31.8	10	30.01	100	48	P	H
		5149.24	51.37	-2.63	54	39.58	31.8	10	30.01	100	48	A	H
	*	5210	107.67	-	-	96.18	31.44	10.06	30.01	100	48	P	H
	*	5210	98.66	-	-	87.17	31.44	10.06	30.01	100	48	A	H
		5407.64	58.23	-15.77	74	46.58	31.43	10.22	30	100	48	P	H
		5401.2	49.4	-4.6	54	37.79	31.4	10.21	30	100	48	A	H
		5150	60.68	-13.32	74	48.89	31.8	10	30.01	399	92	P	V
		5150	47.94	-6.06	54	36.15	31.8	10	30.01	399	92	A	V
	*	5210	103.7	-	-	92.21	31.44	10.06	30.01	399	92	P	V
	*	5210	94.82	-	-	83.33	31.44	10.06	30.01	399	92	A	V
		5427.24	57.04	-16.96	74	45.29	31.51	10.23	29.99	399	92	P	V
		5413.52	46.85	-7.15	54	35.18	31.45	10.22	30	399	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	47.95	-20.25	68.2	54.69	39.62	14.49	60.85	100	0	P	H
802.11ax		15630	46.63	-27.37	74	53.7	37.61	17.34	62.02	100	0	P	H
HE80													H
Partial													H
484/65		10420	47.87	-20.33	68.2	54.61	39.62	14.49	60.85	100	0	P	V
CH 42		15630	45.39	-28.61	74	52.46	37.61	17.34	62.02	100	0	P	V
5210MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5149.94	57.91	-16.09	74	46.12	31.8	10	30.01	100	46	P	H
		5149.94	48.46	-5.54	54	36.67	31.8	10	30.01	100	46	A	H
	*	5260	123.12	-	-	111.82	31.2	10.1	30	100	46	P	H
	*	5260	115.29	-	-	103.99	31.2	10.1	30	100	46	A	H
		5352.96	61.4	-12.6	74	50.11	31.12	10.17	30	100	46	P	H
		5350.08	52.05	-1.95	54	40.78	31.1	10.17	30	100	46	A	H
		5135.32	52.11	-21.89	74	40.34	31.8	9.98	30.01	100	97	P	V
		5149.94	42.94	-11.06	54	31.15	31.8	10	30.01	100	97	A	V
	*	5260	116.99	-	-	105.69	31.2	10.1	30	100	97	P	V
	*	5260	109.48	-	-	98.18	31.2	10.1	30	100	97	A	V
		5351.76	56.2	-17.8	74	44.92	31.11	10.17	30	100	97	P	V
		5350.32	46.79	-7.21	54	35.52	31.1	10.17	30	100	97	A	V
802.11a CH 60 5300MHz		5149.6	53.35	-20.65	74	41.56	31.8	10	30.01	100	46	P	H
		5117.3	44.53	-9.47	54	32.78	31.8	9.96	30.01	100	46	A	H
	*	5300	119.19	-	-	107.86	31.2	10.13	30	100	46	P	H
	*	5300	111.86	-	-	100.53	31.2	10.13	30	100	46	A	H
		5354.64	61.83	-12.17	74	50.53	31.13	10.17	30	100	46	P	H
		5350.56	52.5	-1.5	54	41.23	31.1	10.17	30	100	46	A	H
		5110.84	50.16	-23.84	74	38.41	31.8	9.96	30.01	325	97	P	V
		5117.3	40.87	-13.13	54	29.12	31.8	9.96	30.01	325	97	A	V
	*	5300	113.86	-	-	102.53	31.2	10.13	30	325	97	P	V
	*	5300	106.17	-	-	94.84	31.2	10.13	30	325	97	A	V
		5351.04	56.17	-17.83	74	44.89	31.11	10.17	30	325	97	P	V
		5350.08	46.4	-7.6	54	35.13	31.1	10.17	30	325	97	A	V

802.11a CH 64 5320MHz	*	5320	116.57	-	-	105.26	31.16	10.15	30	296	48	P	H
	*	5320	109.89	-	-	98.58	31.16	10.15	30	296	48	A	H
		5350.08	64.19	-9.81	74	52.92	31.1	10.17	30	296	48	P	H
		5350.08	52.26	-1.74	54	40.99	31.1	10.17	30	296	48	A	H
													H
													H
	*	5320	111.26	-	-	99.95	31.16	10.15	30	100	104	P	V
	*	5320	104.1	-	-	92.79	31.16	10.15	30	100	104	A	V
		5350.24	57.72	-16.28	74	46.45	31.1	10.17	30	100	104	P	V
		5350.08	48.32	-5.68	54	37.05	31.1	10.17	30	100	104	A	V
													V
													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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.58	-19.62	68.2	55.27	39.7	14.54	60.93	100	0	P	H
		15780	48.93	-25.07	74	55.78	37.16	17.44	61.45	100	0	P	H
													H
													H
		10520	48.53	-19.67	68.2	55.22	39.7	14.54	60.93	100	0	P	V
		15780	47.67	-26.33	74	54.52	37.16	17.44	61.45	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	47.97	-26.03	74	54.61	39.7	14.58	60.92	100	0	P	H
		15900	45.39	-28.61	74	51.68	37.2	17.5	60.99	100	0	P	H
													H
													H
		10600	47.53	-26.47	74	54.17	39.7	14.58	60.92	100	0	P	V
		15900	46.43	-27.57	74	52.72	37.2	17.5	60.99	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	49.69	-24.31	74	56.41	39.78	14.6	61.1	100	0	P	H
		15960	47.08	-26.92	74	52.97	37.26	17.54	60.69	100	0	P	H
													H
													H
		10640	49.86	-24.14	74	56.58	39.78	14.6	61.1	100	0	P	V
		15960	48.46	-25.54	74	54.35	37.26	17.54	60.69	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.6	58.86	-15.14	74	47.07	31.8	10	30.01	100	45	P	H
		5149.94	50.17	-3.83	54	38.38	31.8	10	30.01	100	45	A	H
	*	5260	120.69	-	-	109.39	31.2	10.1	30	100	45	P	H
	*	5260	111.45	-	-	100.15	31.2	10.1	30	100	45	A	H
802.11ax		5350.8	61.77	-12.23	74	50.5	31.1	10.17	30	100	45	P	H
HE20 Full		5350.08	52.5	-1.5	54	41.23	31.1	10.17	30	100	45	A	H
CH 52		5145.52	55.16	-18.84	74	43.38	31.8	9.99	30.01	390	88	P	V
5260MHz		5149.26	44.25	-9.75	54	32.46	31.8	10	30.01	390	88	A	V
	*	5260	116.94	-	-	105.64	31.2	10.1	30	390	88	P	V
	*	5260	107.43	-	-	96.13	31.2	10.1	30	390	88	A	V
		5379.6	58.37	-15.63	74	46.9	31.28	10.19	30	390	88	P	V
		5375.52	47.01	-6.99	54	35.57	31.25	10.19	30	390	88	A	V
		5139.06	56.71	-17.29	74	44.93	31.8	9.99	30.01	100	46	P	H
		5149.94	46.65	-7.35	54	34.86	31.8	10	30.01	100	46	A	H
	*	5300	121.36	-	-	110.03	31.2	10.13	30	100	46	P	H
	*	5300	110.06	-	-	98.73	31.2	10.13	30	100	46	A	H
802.11ax		5350.08	62.14	-11.86	74	50.87	31.1	10.17	30	100	46	P	H
HE20 Full		5350.08	52.84	-1.16	54	41.57	31.1	10.17	30	100	46	A	H
CH 60		5145.52	51.29	-22.71	74	39.51	31.8	9.99	30.01	100	96	P	V
5300MHz		5117.3	42.94	-11.06	54	31.19	31.8	9.96	30.01	100	96	A	V
	*	5300	114.28	-	-	102.95	31.2	10.13	30	100	96	P	V
	*	5300	104.52	-	-	93.19	31.2	10.13	30	100	96	A	V
		5351.04	58.03	-15.97	74	46.75	31.11	10.17	30	100	96	P	V
		5350.08	48.03	-5.97	54	36.76	31.1	10.17	30	100	96	A	V

	*	5320	117.44	-	-	106.13	31.16	10.15	30	294	46	P	H
	*	5320	107.04	-	-	95.73	31.16	10.15	30	294	46	A	H
		5350.56	63.44	-10.56	74	52.17	31.1	10.17	30	294	46	P	H
		5350.56	52.09	-1.91	54	40.82	31.1	10.17	30	294	46	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	112.06	-	-	100.75	31.16	10.15	30	100	100	P	V
5320MHz	*	5320	101.85	-	-	90.54	31.16	10.15	30	100	100	A	V
		5350.56	58.89	-15.11	74	47.62	31.1	10.17	30	100	100	P	V
		5350.4	48.12	-5.88	54	36.85	31.1	10.17	30	100	100	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.08	-19.12	68.2	55.94	39.7	14.54	61.1	100	0	P	H
		15780	49.28	-24.72	74	56.24	37.16	17.44	61.56	100	0	P	H
802.11ax													H
HE20 Full													H
CH 52		10520	48.46	-19.74	68.2	55.32	39.7	14.54	61.1	100	0	P	V
5260MHz		15780	49.64	-24.36	74	56.6	37.16	17.44	61.56	100	0	P	V
													V
													V
		10600	48.46	-25.54	74	55.1	39.7	14.58	60.92	100	0	P	H
		15900	45.02	-28.98	74	51.31	37.2	17.5	60.99	100	0	P	H
802.11ax													H
HE20 Full													H
CH 60		10600	48.63	-25.37	74	55.27	39.7	14.58	60.92	100	0	P	V
5300MHz		15900	46.3	-27.7	74	52.59	37.2	17.5	60.99	100	0	P	V
													V
													V
		10640	48.48	-25.52	74	55.01	39.78	14.6	60.91	100	0	P	H
		15960	47.1	-26.9	74	53.06	37.26	17.54	60.76	100	0	P	H
802.11ax													H
HE20 Full													H
CH 64		10640	48.92	-25.08	74	55.45	39.78	14.6	60.91	100	0	P	V
5320MHz		15960	47	-27	74	52.96	37.26	17.54	60.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	119.33	-	-	108.02	31.16	10.15	30	100	48	P	H
	*	5320	109.33	-	-	98.02	31.16	10.15	30	100	48	A	H
		5353.44	61.61	-12.39	74	50.32	31.12	10.17	30	100	48	P	H
802.11ax		5350.08	52.83	-1.17	54	41.56	31.1	10.17	30	100	48	A	H
HE20													H
Partial													H
106/54	*	5320	116.1	-	-	104.79	31.16	10.15	30	396	82	P	V
CH 64	*	5320	105.61	-	-	94.3	31.16	10.15	30	396	82	A	V
5320MHz		5351.04	63.37	-10.63	74	52.09	31.11	10.17	30	396	82	P	V
		5350.56	49.17	-4.83	54	37.9	31.1	10.17	30	396	82	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	48.97	-25.03	74	55.5	39.78	14.6	60.91	100	0	P	H
802.11ax		15960	43.68	-30.32	74	49.64	37.26	17.54	60.76	100	0	P	H
HE20													H
Partial													H
106/54		10640	47.83	-26.17	74	54.36	39.78	14.6	60.91	100	0	P	V
CH 64		15960	43.84	-30.16	74	49.8	37.26	17.54	60.76	100	0	P	V
5320MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.26	59.04	-14.96	74	47.25	31.8	10	30.01	100	45	P	H
		5149.94	49.06	-4.94	54	37.27	31.8	10	30.01	100	45	A	H
	*	5270	114.91	-	-	103.6	31.2	10.11	30	100	45	P	H
	*	5270	104.54	-	-	93.23	31.2	10.11	30	100	45	A	H
802.11ax		5356.08	63.22	-10.78	74	51.91	31.14	10.17	30	100	45	P	H
HE40 Full		5350.08	51.39	-2.61	54	40.12	31.1	10.17	30	100	45	A	H
CH 54		5115.6	55.74	-18.26	74	43.99	31.8	9.96	30.01	100	53	P	V
5270MHz		5088.4	45.32	-8.68	54	33.62	31.78	9.93	30.01	100	53	A	V
	*	5270	108.4	-	-	97.09	31.2	10.11	30	100	53	P	V
	*	5270	98.33	-	-	87.02	31.2	10.11	30	100	53	A	V
		5356.32	55.65	-18.35	74	44.33	31.14	10.18	30	100	53	P	V
		5350.08	44.94	-9.06	54	33.67	31.1	10.17	30	100	53	A	V
		5141.44	57.74	-16.26	74	45.96	31.8	9.99	30.01	100	44	P	H
		5126.82	46.51	-7.49	54	34.75	31.8	9.97	30.01	100	44	A	H
	*	5310	112.73	-	-	101.41	31.18	10.14	30	100	44	P	H
	*	5310	101.82	-	-	90.5	31.18	10.14	30	100	44	A	H
802.11ax		5352.96	66.26	-7.74	74	54.97	31.12	10.17	30	100	44	P	H
HE40 Full		5352.96	51.38	-2.62	54	40.09	31.12	10.17	30	100	44	A	H
CH 62		5148.24	53.28	-20.72	74	41.49	31.8	10	30.01	400	90	P	V
5310MHz		5126.82	43.3	-10.7	54	31.54	31.8	9.97	30.01	400	90	A	V
	*	5310	110.19	-	-	98.87	31.18	10.14	30	400	90	P	V
	*	5310	97.06	-	-	85.74	31.18	10.14	30	400	90	A	V
		5353.44	62.16	-11.84	74	50.87	31.12	10.17	30	400	90	P	V
		5353.2	46.71	-7.29	54	35.42	31.12	10.17	30	400	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.89	-19.31	68.2	55.56	39.7	14.55	60.92	100	0	P	H
		15810	45.17	-28.83	74	51.94	37.11	17.45	61.33	100	0	P	H
802.11ax													H
HE40 Full													H
CH 54		10540	49.55	-18.65	68.2	56.22	39.7	14.55	60.92	100	0	P	V
5270MHz		15810	45.22	-28.78	74	51.99	37.11	17.45	61.33	100	0	P	V
													V
													V
		10620	49.08	-24.92	74	55.66	39.74	14.59	60.91	100	0	P	H
		15930	45.82	-28.18	74	51.94	37.23	17.53	60.88	100	0	P	H
802.11ax													H
HE40 Full													H
CH 62		10620	48.14	-25.86	74	54.72	39.74	14.59	60.91	100	0	P	V
5310MHz		15930	44.59	-29.41	74	50.71	37.23	17.53	60.88	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5125.12	55.09	-18.91	74	43.33	31.8	9.97	30.01	100	44	P	H
		5126.82	46.56	-7.44	54	34.8	31.8	9.97	30.01	100	44	A	H
	*	5310	114.41	-	--	103.09	31.18	10.14	30	100	44	P	H
	*	5310	104.08	-	-	92.76	31.18	10.14	30	100	44	A	H
		5354.64	62.24	-11.76	74	50.94	31.13	10.17	30	100	44	P	H
		5350.08	52.13	-1.87	54	40.86	31.1	10.17	30	100	44	A	H
		5100.3	52.47	-21.53	74	40.73	31.8	9.95	30.01	400	81	P	V
		5127.16	44.23	-9.77	54	32.47	31.8	9.97	30.01	400	81	A	V
	*	5310	112.74	-	--	101.42	31.18	10.14	30	400	81	P	V
	*	5310	101.93	-	-	90.61	31.18	10.14	30	400	81	A	V
		5350.32	59.86	-14.14	74	48.59	31.1	10.17	30	400	81	P	V
		5350.08	49.25	-4.75	54	37.98	31.1	10.17	30	400	81	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	49.25	-24.75	74	55.83	39.74	14.59	60.91	100	0	P	H
802.11ax		15930	45.48	-28.52	74	51.6	37.23	17.53	60.88	100	0	P	H
HE40													H
Partial													H
242/62		10620	48.39	-25.61	74	54.97	39.74	14.59	60.91	100	0	P	V
CH 62		15930	44.67	-29.33	74	50.79	37.23	17.53	60.88	100	0	P	V
5310MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5120.7	59.07	-14.93	74	47.31	31.8	9.97	30.01	239	45	P	H
		5121.72	49.62	-4.38	54	37.86	31.8	9.97	30.01	239	45	A	H
	*	5290	107.69	-	-	96.37	31.2	10.12	30	239	45	P	H
	*	5290	98.55	-	-	87.23	31.2	10.12	30	239	45	A	H
		5351.76	70.27	-3.73	74	58.99	31.11	10.17	30	239	45	P	H
		5351.76	52.68	-1.32	54	41.4	31.11	10.17	30	239	45	A	H
		5063.58	54.58	-19.42	74	42.96	31.73	9.91	30.02	400	90	P	V
		5074.8	45.4	-8.6	54	33.75	31.75	9.92	30.02	400	90	A	V
	*	5290	103.14	-	-	91.82	31.2	10.12	30	400	90	P	V
	*	5290	93.06	-	-	81.74	31.2	10.12	30	400	90	A	V
		5352	60.46	-13.54	74	49.18	31.11	10.17	30	400	90	P	V
		5352.24	48.15	-5.85	54	36.87	31.11	10.17	30	400	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	49.49	-18.71	68.2	56.14	39.7	14.57	60.92	100	0	P	H
		15870	45.74	-28.26	74	52.18	37.17	17.49	61.1	100	0	P	H
802.11ax													H
HE80 Full													H
CH 58		10580	47.98	-20.22	68.2	54.63	39.7	14.57	60.92	100	0	P	V
5290MHz		15870	45.89	-28.11	74	52.33	37.17	17.49	61.1	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5116.62	56.5	-17.5	74	44.75	31.8	9.96	30.01	250	48	P	H
		5148.24	47.58	-6.42	54	35.79	31.8	10	30.01	250	48	A	H
	*	5290	111.98	-	-	100.66	31.2	10.12	30	250	48	P	H
	*	5290	100.92	-	-	89.6	31.2	10.12	30	250	48	A	H
		5352.96	66.58	-7.42	74	55.29	31.12	10.17	30	250	48	P	H
		5350.8	50.75	-3.25	54	39.48	31.1	10.17	30	250	48	A	H
		5104.38	53.23	-20.77	74	41.49	31.8	9.95	30.01	400	83	P	V
		5099.28	44.27	-9.73	54	32.54	31.8	9.94	30.01	400	83	A	V
	*	5290	107.39	-	-	96.07	31.2	10.12	30	400	83	P	V
	*	5290	96.94	-	-	85.62	31.2	10.12	30	400	83	A	V
		5350.08	62.76	-11.24	74	51.49	31.1	10.17	30	400	83	P	V
		5350.32	46.21	-7.79	54	34.94	31.1	10.17	30	400	83	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	47.31	-20.89	68.2	53.96	39.7	14.57	60.92	100	0	P	H
802.11ax		15870	45.78	-28.22	74	52.22	37.17	17.49	61.1	100	0	P	H
HE80													H
Partial													H
484/66		10580	47.4	-20.8	68.2	54.05	39.7	14.57	60.92	100	0	P	V
CH 58		15870	45.03	-28.97	74	51.47	37.17	17.49	61.1	100	0	P	V
5290MHz													V
													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 Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5456.24	63.38	-10.62	74	51.51	31.6	10.26	29.99	100	45	P	H
		5467.12	66.14	-2.06	68.2	54.26	31.6	10.27	29.99	100	45	P	H
		5457.84	51.26	-2.74	54	39.39	31.6	10.26	29.99	100	45	A	H
	*	5500	116.54	-	-	104.63	31.6	10.3	29.99	100	45	P	H
	*	5500	108.53	-	-	96.62	31.6	10.3	29.99	100	45	A	H
													H
		5458.8	57.27	-16.73	74	45.4	31.6	10.26	29.99	352	102	P	V
		5469.84	61.91	-6.29	68.2	50.03	31.6	10.27	29.99	352	102	P	V
		5460	46.54	-7.46	54	34.67	31.6	10.26	29.99	352	102	A	V
	*	5500	112.58	-	-	100.67	31.6	10.3	29.99	352	102	P	V
	*	5500	104.37	-	-	92.46	31.6	10.3	29.99	352	102	A	V
													V
802.11a CH 116 5580MHz		5457.52	60.62	-13.38	74	48.75	31.6	10.26	29.99	100	49	P	H
		5469.04	61.2	-7	68.2	49.32	31.6	10.27	29.99	100	49	P	H
		5459.92	50.4	-3.6	54	38.53	31.6	10.26	29.99	100	49	A	H
	*	5580	122.36	-	-	110.49	31.56	10.36	30.05	100	49	P	H
	*	5580	114.53	-	-	102.66	31.56	10.36	30.05	100	49	A	H
		5729.405	56.17	-12.03	68.2	44.05	31.76	10.52	30.16	100	49	P	H
		5459.92	56.37	-17.63	74	44.5	31.6	10.26	29.99	383	92	P	V
		5466.88	57.15	-11.05	68.2	45.27	31.6	10.27	29.99	383	92	P	V
		5459.92	46.59	-7.41	54	34.72	31.6	10.26	29.99	383	92	A	V
	*	5580	119.37	-	-	107.5	31.56	10.36	30.05	383	92	P	V
	*	5580	111.03	-	-	99.16	31.56	10.36	30.05	383	92	A	V
		5726.57	54.24	-13.96	68.2	42.12	31.75	10.52	30.15	383	92	P	V

802.11a CH 140 5700MHz	*	5700	113.3	-	-	101.24	31.7	10.49	30.13	100	43	P	H
	*	5700	107.65	-	-	95.59	31.7	10.49	30.13	100	43	A	H
		5726.6	66.81	-1.39	68.2	54.69	31.75	10.52	30.15	100	43	P	H
													H
													H
													H
	*	5700	111.94	-	-	99.88	31.7	10.49	30.13	400	86	P	V
	*	5700	103.55	-	-	91.49	31.7	10.49	30.13	400	86	A	V
		5725.88	63.27	-4.93	68.2	51.15	31.75	10.52	30.15	400	86	P	V
													V
													V
													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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.85	-24.15	74	55.76	40.4	14.79	61.1	100	0	P	H
		16500	48.76	-19.44	68.2	51.32	38.9	17.94	59.4	100	0	P	H
													H
													H
		11000	49.97	-24.03	74	55.88	40.4	14.79	61.1	100	0	P	V
		16500	49.13	-19.07	68.2	51.69	38.9	17.94	59.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	49.63	-24.37	74	55.84	39.96	14.87	61.04	100	0	P	H
		16740	50.93	-17.27	68.2	52.13	39.94	18.12	59.26	100	0	P	H
													H
													H
		11160	48.97	-25.03	74	55.18	39.96	14.87	61.04	100	0	P	V
		16740	51.8	-16.4	68.2	53	39.94	18.12	59.26	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	48.98	-25.02	74	54.93	40	14.99	60.94	100	0	P	H
		17100	51.55	-16.65	68.2	51.55	40.6	18.38	58.98	100	0	P	H
													H
													H
		11400	48.94	-25.06	74	54.89	40	14.99	60.94	100	0	P	V
		17100	51.25	-16.95	68.2	51.25	40.6	18.38	58.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5452.56	60.8	-13.2	74	48.94	31.6	10.25	29.99	100	47	P	H
		5470	64.45	-3.75	68.2	52.57	31.6	10.27	29.99	100	47	P	H
		5460	49.97	-4.03	54	38.1	31.6	10.26	29.99	100	47	A	H
	*	5500	116.68	-	-	104.77	31.6	10.3	29.99	100	47	P	H
802.11ax	*	5500	106.28	-	-	94.37	31.6	10.3	29.99	100	47	A	H
HE20 Full		5448.56	57.08	-16.92	74	45.23	31.59	10.25	29.99	367	99	P	V
CH 100		5469.52	64.64	-3.56	68.2	52.76	31.6	10.27	29.99	367	99	P	V
5500MHz		5460.08	46.24	-103.76	150	34.37	31.6	10.26	29.99	367	99	A	V
	*	5500	112.89	-	-	100.98	31.6	10.3	29.99	367	99	P	V
	*	5500	102.73	-	-	90.82	31.6	10.3	29.99	367	99	A	V
													V
													V
		5457.28	61.81	-12.19	74	49.94	31.6	10.26	29.99	100	43	P	H
		5468.8	61.91	-6.29	68.2	50.03	31.6	10.27	29.99	100	43	P	H
		5459.92	51.42	-2.58	54	39.55	31.6	10.26	29.99	100	43	A	H
	*	5580	121.93	-	-	110.06	31.56	10.36	30.05	100	43	P	H
802.11ax	*	5580	112.51	-	-	100.64	31.56	10.36	30.05	100	43	A	H
HE20 Full		5730.035	58.24	-9.96	68.2	46.12	31.76	10.52	30.16	100	43	P	H
CH 116		5458.72	58.99	-15.01	74	47.12	31.6	10.26	29.99	400	93	P	V
5580MHz		5467.84	59.15	-9.05	68.2	47.27	31.6	10.27	29.99	400	93	P	V
		5459.68	48.71	-5.29	54	36.84	31.6	10.26	29.99	400	93	A	V
	*	5580	119.3	-	-	107.43	31.56	10.36	30.05	400	93	P	V
	*	5580	109.07	-	-	97.2	31.56	10.36	30.05	400	93	A	V
		5734.13	57.38	-10.82	68.2	45.24	31.77	10.53	30.16	400	93	P	V

	*	5700	114.84	-	-	102.78	31.7	10.49	30.13	100	42	P	H
	*	5700	105	-	-	92.94	31.7	10.49	30.13	100	42	A	H
		5725.08	64.79	-3.41	68.2	52.67	31.75	10.52	30.15	100	42	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	112.83	-	-	100.77	31.7	10.49	30.13	400	86	P	V
5700MHz	*	5700	102.2	-	-	90.14	31.7	10.49	30.13	400	86	A	V
		5725.56	65.14	-3.06	68.2	53.02	31.75	10.52	30.15	400	86	P	V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	48.86	-25.14	74	54.53	40.4	14.79	60.86	100	0	P	H
		16500	46.77	-21.43	68.2	48.49	38.9	17.94	58.56	100	0	P	H
802.11ax													H
HE20 Full													H
CH 100		11000	49.35	-24.65	74	55.02	40.4	14.79	60.86	100	0	P	V
5500MHz		16500	46.44	-21.76	68.2	48.16	38.9	17.94	58.56	100	0	P	V
													V
													V
		11160	48.18	-25.82	74	54.21	39.96	14.87	60.86	100	0	P	H
		16740	47.84	-20.36	68.2	48.41	39.94	18.12	58.63	100	0	P	H
802.11ax													H
HE20 Full													H
CH 116		11160	47.76	-26.24	74	53.79	39.96	14.87	60.86	100	0	P	V
5580MHz		16740	46.44	-21.76	68.2	47.01	39.94	18.12	58.63	100	0	P	V
													V
													V
		11400	47.65	-26.35	74	53.53	40	14.99	60.87	100	0	P	H
		17100	48.51	-19.69	68.2	48.17	40.6	18.38	58.64	100	0	P	H
802.11ax													H
HE20 Full													H
CH 140		11400	48.03	-25.97	74	53.91	40	14.99	60.87	100	0	P	V
5700MHz		17100	49.65	-18.55	68.2	49.31	40.6	18.38	58.64	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5450	60.87	-13.13	74	49.01	31.6	10.25	29.99	100	46	P	H
		5468.88	64.61	-3.59	68.2	52.73	31.6	10.27	29.99	100	46	P	H
		5459.28	51.58	-2.42	54	39.71	31.6	10.26	29.99	100	46	A	H
802.11ax	*	5500	120.22	-	-	108.31	31.6	10.3	29.99	100	46	P	H
HE20	*	5500	110.74	-	-	98.83	31.6	10.3	29.99	100	46	A	H
Partial													H
106/53		5459.6	58.78	-15.22	74	46.91	31.6	10.26	29.99	370	94	P	V
CH 100		5468.24	60.25	-7.95	68.2	48.37	31.6	10.27	29.99	370	94	P	V
5500MHz		5459.76	47.77	-6.23	54	35.9	31.6	10.26	29.99	370	94	A	V
	*	5500	116.77	-	-	104.86	31.6	10.3	29.99	370	94	P	V
	*	5500	107.7	-	-	95.79	31.6	10.3	29.99	370	94	A	V
													V
	*	5700	118.4	-	-	106.34	31.7	10.49	30.13	100	44	P	H
	*	5700	109.39	-	-	97.33	31.7	10.49	30.13	100	44	A	H
		5728.04	66.81	-1.39	68.2	54.68	31.76	10.52	30.15	100	44	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	117.62	-	-	105.56	31.7	10.49	30.13	400	94	P	V
CH 140	*	5700	107.23	-	-	95.17	31.7	10.49	30.13	400	94	A	V
5700MHz		5730.36	65.58	-2.62	68.2	53.46	31.76	10.52	30.16	400	94	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.39	-24.61	74	55.06	40.4	14.79	60.86	100	0	P	H
802.11ax		16500	46.76	-21.44	68.2	48.48	38.9	17.94	58.56	100	0	P	H
HE20													H
Partial													H
106/53		11000	49.39	-24.61	74	55.06	40.4	14.79	60.86	100	0	P	V
CH 100		16500	46.76	-21.44	68.2	48.48	38.9	17.94	58.56	100	0	P	V
5500MHz													V
													V
		11400	47.84	-26.16	74	53.72	40	14.99	60.87	100	0	P	H
802.11ax		17100	48.35	-19.85	68.2	48.01	40.6	18.38	58.64	100	0	P	H
HE20													H
Partial													H
106/54		11400	48.49	-25.51	74	54.37	40	14.99	60.87	100	0	P	V
CH 140		17100	48.02	-20.18	68.2	47.68	40.6	18.38	58.64	100	0	P	V
5700MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.76	62.84	-11.16	74	50.97	31.6	10.26	29.99	100	46	P	H
		5469.76	64.59	-3.61	68.2	52.71	31.6	10.27	29.99	100	46	P	H
		5458.96	50.87	-3.13	54	39	31.6	10.26	29.99	100	46	A	H
	*	5510	111.57	-	-	99.69	31.58	10.3	30	100	46	P	H
802.11ax	*	5510	100.8	-	-	88.92	31.58	10.3	30	100	46	A	H
HE40 Full		5725.31	54.12	-14.08	68.2	42	31.75	10.52	30.15	100	46	P	H
CH 102		5458.96	59.25	-14.75	74	47.38	31.6	10.26	29.99	392	91	P	V
5510MHz		5468.8	61.1	-7.1	68.2	49.22	31.6	10.27	29.99	392	91	P	V
		5458.96	46.45	-7.55	54	34.58	31.6	10.26	29.99	392	91	A	V
	*	5510	108.94	-	-	97.06	31.58	10.3	30	392	91	P	V
	*	5510	96.82	-	-	84.94	31.58	10.3	30	392	91	A	V
		5735.705	52.41	-15.79	68.2	40.27	31.77	10.53	30.16	392	91	P	V
		5452.72	62	-12	74	50.14	31.6	10.25	29.99	100	43	P	H
		5467.12	64.7	-3.5	68.2	52.82	31.6	10.27	29.99	100	43	P	H
		5459.92	51.29	-2.71	54	39.42	31.6	10.26	29.99	100	43	A	H
	*	5550	116.16	-	-	104.35	31.5	10.34	30.03	100	43	P	H
802.11ax	*	5550	104.45	-	-	92.64	31.5	10.34	30.03	100	43	A	H
HE40 Full		5743.265	58.06	-10.14	68.2	45.9	31.79	10.54	30.17	100	43	P	H
CH 110		5445.52	59.67	-14.33	74	47.83	31.58	10.25	29.99	397	85	P	V
5550MHz		5461.6	61.39	-6.81	68.2	49.52	31.6	10.26	29.99	397	85	P	V
		5459.92	49.39	-4.61	54	37.52	31.6	10.26	29.99	397	85	A	V
	*	5550	111.58	-	-	99.77	31.5	10.34	30.03	397	85	P	V
	*	5550	101.01	-	-	89.2	31.5	10.34	30.03	397	85	A	V
		5730.665	58.73	-9.47	68.2	46.61	31.76	10.52	30.16	397	85	P	V

		5445.2	59.27	-14.73	74	47.43	31.58	10.25	29.99	100	50	P	H
		5465.5	60.82	-7.38	68.2	48.94	31.6	10.27	29.99	100	50	P	H
		5459.55	49.63	-4.37	54	37.76	31.6	10.26	29.99	100	50	A	H
	*	5670	112.75	-	-	100.7	31.7	10.46	30.11	100	50	P	H
802.11ax	*	5670	102.37	-	-	90.32	31.7	10.46	30.11	100	50	A	H
HE40 Full		5727.025	66.89	-1.31	68.2	54.77	31.75	10.52	30.15	100	50	P	H
CH 134		5458.85	56.76	-17.24	74	44.89	31.6	10.26	29.99	371	91	P	V
5670MHz		5460.25	56.66	-11.54	68.2	44.79	31.6	10.26	29.99	371	91	P	V
		5459.9	45.56	-8.44	54	33.69	31.6	10.26	29.99	371	91	A	V
	*	5670	110.11	-	-	98.06	31.7	10.46	30.11	371	91	P	V
	*	5670	99.48	-	-	87.43	31.7	10.46	30.11	371	91	A	V
		5728.6	62.79	-5.41	68.2	50.66	31.76	10.52	30.15	371	91	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	45.77	-28.23	74	51.7	40.36	14.8	61.09	100	0	P	H
		16530	44.03	-24.17	68.2	46.58	38.87	17.96	59.38	100	0	P	H
802.11ax													H
HE40 Full													H
CH 102		11020	45.92	-28.08	74	51.85	40.36	14.8	61.09	100	0	P	V
5510MHz		16530	44.06	-24.14	68.2	46.61	38.87	17.96	59.38	100	0	P	V
													V
													V
		11100	47.02	-26.98	74	53.04	40.2	14.84	61.06	100	0	P	H
		16650	45.18	-23.02	68.2	47.19	39.25	18.05	59.31	100	0	P	H
802.11ax													H
HE40 Full													H
CH 110		11100	46.99	-27.01	74	53.01	40.2	14.84	61.06	100	0	P	V
5550MHz		16650	45.29	-22.91	68.2	47.3	39.25	18.05	59.31	100	0	P	V
													V
													V
		11340	47.63	-26.37	74	53.69	39.94	14.96	60.96	100	0	P	H
		17010	47.46	-20.74	68.2	47.63	40.6	18.32	59.09	100	0	P	H
802.11ax													H
HE40 Full													H
CH 134		11340	47.29	-26.71	74	53.35	39.94	14.96	60.96	100	0	P	V
5670MHz		17010	47.41	-20.79	68.2	47.58	40.6	18.32	59.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.72	60.93	-13.07	74	49.06	31.6	10.26	29.99	100	47	P	H
		5469.04	65.89	-2.31	68.2	54.01	31.6	10.27	29.99	100	47	P	H
		5459.92	51.2	-2.8	54	39.33	31.6	10.26	29.99	100	47	A	H
802.11ax	*	5510	113.77	-	-	101.89	31.58	10.3	30	100	47	P	H
HE40	*	5510	104.29	-	-	92.41	31.58	10.3	30	100	47	A	H
Partial		5730.035	54.65	-13.55	68.2	42.53	31.76	10.52	30.16	100	47	P	H
242/61		5459.92	59.9	-14.1	74	48.03	31.6	10.26	29.99	373	94	P	V
CH 102		5469.52	65.98	-2.22	68.2	54.1	31.6	10.27	29.99	373	94	P	V
5510MHz		5459.44	50.27	-3.73	54	38.4	31.6	10.26	29.99	373	94	A	V
	*	5510	113.41	-	-	101.53	31.58	10.3	30	373	94	P	V
	*	5510	103.18	-	-	91.3	31.58	10.3	30	373	94	A	V
		5727.2	55.1	-13.1	68.2	42.98	31.75	10.52	30.15	373	94	P	V
		5450.45	59.16	-14.84	74	47.3	31.6	10.25	29.99	100	46	P	H
		5462.7	60.04	-8.16	68.2	48.17	31.6	10.26	29.99	100	46	P	H
		5458.85	51.17	-2.83	54	39.3	31.6	10.26	29.99	100	46	A	H
802.11ax	*	5670	117.02	-	-	104.97	31.7	10.46	30.11	100	46	P	H
HE40	*	5670	107.69	-	-	95.64	31.7	10.46	30.11	100	46	A	H
Partial		5725.625	66.72	-1.48	68.2	54.6	31.75	10.52	30.15	100	46	P	H
242/62		5458.5	57.53	-16.47	74	45.66	31.6	10.26	29.99	356	97	P	V
CH 134		5461.65	57.53	-10.67	68.2	45.66	31.6	10.26	29.99	356	97	P	V
5670MHz		5456.75	49.22	-4.78	54	37.35	31.6	10.26	29.99	356	97	A	V
	*	5670	117.19	-	-	105.14	31.7	10.46	30.11	356	97	P	V
	*	5670	107.35	-	-	95.3	31.7	10.46	30.11	356	97	A	V
		5725.8	66.79	-1.41	68.2	54.67	31.75	10.52	30.15	356	97	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	48.92	-25.08	74	54.62	40.36	14.8	60.86	100	0	P	H
802.11ax		16530	48.3	-19.9	68.2	50.04	38.87	17.96	58.57	100	0	P	H
HE40													H
Partial													H
242/61		11020	49.63	-24.37	74	55.33	40.36	14.8	60.86	100	0	P	V
CH 102		16530	47.22	-20.98	68.2	48.96	38.87	17.96	58.57	100	0	P	V
5510MHz													V
													V
		11340	49.24	-24.76	74	55.21	39.94	14.96	60.87	100	0	P	H
802.11ax		17010	49.58	-18.62	68.2	49.35	40.6	18.32	58.69	100	0	P	H
HE40								14.96					H
Partial													H
242/62		11340	48.97	-25.03	74	54.94	39.94	14.96	60.87	100	0	P	V
CH 134		17010	49.91	-18.29	68.2	49.68	40.6	18.32	58.69	100	0	P	V
5670MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.44	64.38	-9.62	74	52.51	31.6	10.26	29.99	100	53	P	H
		5468.8	65.29	-2.91	68.2	53.41	31.6	10.27	29.99	100	53	P	H
		5459.68	52.81	-1.19	54	40.94	31.6	10.26	29.99	100	53	A	H
	*	5530	108.04	-	-	96.19	31.54	10.32	30.01	100	53	P	H
802.11ax	*	5530	98.27	-	-	86.42	31.54	10.32	30.01	100	53	A	H
HE80 Full		5740.745	55.75	-12.45	68.2	43.6	31.78	10.53	30.16	100	53	P	H
CH 106		5454.88	59.17	-14.83	74	47.3	31.6	10.26	29.99	368	93	P	V
5530MHz		5468.32	59.65	-8.55	68.2	47.77	31.6	10.27	29.99	368	93	P	V
		5351.92	47.34	-6.66	54	36.06	31.11	10.17	30	368	93	A	V
	*	5530	104.68	-	-	92.83	31.54	10.32	30.01	368	93	P	V
	*	5530	93.43	-	-	81.58	31.54	10.32	30.01	368	93	A	V
		5739.17	53.72	-14.48	68.2	41.57	31.78	10.53	30.16	368	93	P	V
		5418.12	61.71	-12.29	74	50	31.47	10.23	29.99	244	49	P	H
		5462.06	61.16	-7.04	68.2	49.29	31.6	10.26	29.99	244	49	P	H
		5411.36	51.53	-2.47	54	39.86	31.45	10.22	30	244	49	A	H
	*	5610	110.03	-	-	98.09	31.62	10.39	30.07	244	49	P	H
802.11ax	*	5610	100.24	-	-	88.3	31.62	10.39	30.07	244	49	A	H
HE80 Full		5728.775	59.83	-8.37	68.2	47.7	31.76	10.52	30.15	244	49	P	H
CH 122		5449.06	58.24	-15.76	74	46.38	31.6	10.25	29.99	400	87	P	V
5610MHz		5467.78	56.83	-11.37	68.2	44.95	31.6	10.27	29.99	400	87	P	V
		5420.72	48.61	-5.39	54	36.89	31.48	10.23	29.99	400	87	A	V
	*	5610	108.54	-	-	96.6	31.62	10.39	30.07	400	87	P	V
	*	5610	97.01	-	-	85.07	31.62	10.39	30.07	400	87	A	V
		5728.145	57.94	-10.26	68.2	45.81	31.76	10.52	30.15	400	87	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	49.04	-24.96	74	54.8	40.28	14.82	60.86	100	0	P	H
		16590	50.2	-18	68.2	51.97	38.81	18.01	58.59	100	0	P	H
802.11ax													H
HE80 Full													H
CH 106		11060	49.4	-24.6	74	55.16	40.28	14.82	60.86	100	0	P	V
5530MHz		16590	47.75	-20.45	68.2	49.52	38.81	18.01	58.59	100	0	P	V
													V
													V
		11220	48.91	-25.09	74	55.05	39.82	14.9	60.86	100	0	P	H
		16830	49.64	-18.56	68.2	49.78	40.33	18.18	58.65	100	0	P	H
802.11ax													H
HE80 Full													H
CH 122		11220	49.35	-24.65	74	55.49	39.82	14.9	60.86	100	0	P	V
5610MHz		16830	49.07	-19.13	68.2	49.21	40.33	18.18	58.65	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5448.88	62.34	-11.66	74	50.48	31.6	10.25	29.99	100	48	P	H
		5470	66.85	-1.35	68.2	54.97	31.6	10.27	29.99	100	48	P	H
		5351.68	50.97	-3.03	54	39.69	31.11	10.17	30	100	48	A	H
802.11ax	*	5530	110.69	-	-	98.84	31.54	10.32	30.01	100	48	P	H
HE80	*	5530	100.29	-	-	88.44	31.54	10.32	30.01	100	48	A	H
Partial		5736.65	55.46	-12.74	68.2	43.32	31.77	10.53	30.16	100	48	P	H
484/65		5457.76	60.28	-13.72	74	48.41	31.6	10.26	29.99	389	94	P	V
CH 106		5470	66.57	-1.63	68.2	54.69	31.6	10.27	29.99	389	94	P	V
5530MHz		5458	48.58	-5.42	54	36.71	31.6	10.26	29.99	389	94	A	V
	*	5530	109.7	-	-	97.85	31.54	10.32	30.01	389	94	P	V
	*	5530	98.75	-	-	86.9	31.54	10.32	30.01	389	94	A	V
		5730.665	55.82	-12.38	68.2	43.7	31.76	10.52	30.16	389	94	P	V
		5410.32	61.73	-12.27	74	50.07	31.44	10.22	30	100	48	P	H
		5468.3	60	-8.2	68.2	48.12	31.6	10.27	29.99	100	48	P	H
		5408.76	52.07	-1.93	54	40.41	31.44	10.22	30	100	48	A	H
802.11ax	*	5610	111.83	-	-	99.89	31.62	10.39	30.07	100	48	P	H
HE80	*	5610	101.83	-	-	89.89	31.62	10.39	30.07	100	48	A	H
Partial		5756.495	58.71	-9.49	68.2	46.53	31.8	10.55	30.17	100	48	P	H
484/66		5434.5	58.46	-15.54	74	46.67	31.54	10.24	29.99	394	91	P	V
CH 122		5465.7	57.97	-10.23	68.2	46.09	31.6	10.27	29.99	394	91	P	V
5610MHz		5430.86	48.21	-5.79	54	36.44	31.52	10.24	29.99	394	91	A	V
	*	5610	110.6	-	-	98.66	31.62	10.39	30.07	394	91	P	V
	*	5610	101.32	-	-	89.38	31.62	10.39	30.07	394	91	A	V
		5761.535	56.4	-11.8	68.2	44.22	31.8	10.56	30.18	394	91	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.18	-25.82	74	53.94	40.28	14.82	60.86	100	0	P	H
802.11ax		16590	47.77	-20.43	68.2	49.54	38.81	18.01	58.59	100	0	P	H
HE80													H
Partial													H
484/65		11060	48.16	-25.84	74	53.92	40.28	14.82	60.86	100	0	P	V
CH 106		16590	48.3	-19.9	68.2	50.07	38.81	18.01	58.59	100	0	P	V
5530MHz													V
													V
		11220	48.2	-25.8	74	54.34	39.82	14.9	60.86	100	0	P	H
802.11ax		16830	49.15	-19.05	68.2	49.29	40.33	18.18	58.65	100	0	P	H
HE80													H
Partial													H
484/66		11220	48.66	-25.34	74	54.8	39.82	14.9	60.86	100	0	P	V
CH 122		16830	49.13	-19.07	68.2	49.27	40.33	18.18	58.65	100	0	P	V
5610MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5458.03	54.56	-19.44	74	42.69	31.6	10.26	29.99	100	40	P	H
		5464.27	55.14	-13.06	68.2	43.27	31.6	10.26	29.99	100	40	P	H
		5457.25	45.57	-8.43	54	33.7	31.6	10.26	29.99	100	40	A	H
	*	5720	122.6	-	-	110.5	31.74	10.51	30.15	100	40	P	H
	*	5720	114.55	-	-	102.45	31.74	10.51	30.15	100	40	A	H
		5850.5	58.47	-9.73	68.2	46.07	32	10.64	30.24	100	40	P	H
		5452.96	53.72	-20.28	74	41.85	31.6	10.26	29.99	380	89	P	V
		5466.22	51.81	-16.39	68.2	39.93	31.6	10.27	29.99	380	89	P	V
		5456.08	42.15	-11.85	54	30.28	31.6	10.26	29.99	380	89	A	V
	*	5720	118.8	-	-	106.7	31.74	10.51	30.15	380	89	P	V
	*	5720	110.57	-	-	98.47	31.74	10.51	30.15	380	89	A	V
		5856.5	53.9	-14.3	68.2	41.5	32.01	10.64	30.25	380	89	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.26	-25.74	74	54.08	40.04	15.01	60.87	100	0	P	H
		17160	52.09	-16.11	68.2	51.54	40.72	18.43	58.6	100	0	P	H
													H
													H
		11440	48	-26	74	53.82	40.04	15.01	60.87	100	0	P	V
		17160	52.1	-16.1	68.2	51.55	40.72	18.43	58.6	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5449.06	55.73	-18.27	74	43.87	31.6	10.25	29.99	100	41	P	H
		5467.78	57.12	-11.08	68.2	45.24	31.6	10.27	29.99	100	41	P	H
		5459.98	46.13	-7.87	54	34.26	31.6	10.26	29.99	100	41	A	H
	*	5720	122.5	-	-	110.4	31.74	10.51	30.15	100	41	P	H
	*	5720	112.79	-	-	100.69	31.74	10.51	30.15	100	41	A	H
		5858.75	59.78	-8.42	68.2	47.37	32.02	10.64	30.25	100	41	P	H
		5412.4	52.25	-21.75	74	40.58	31.45	10.22	30	400	80	P	V
		5461.93	52.72	-15.48	68.2	40.85	31.6	10.26	29.99	400	80	P	V
		5459.98	42.27	-11.73	54	30.4	31.6	10.26	29.99	400	80	A	V
	*	5720	119.36	-	-	107.26	31.74	10.51	30.15	400	80	P	V
	*	5720	109.08	-	-	96.98	31.74	10.51	30.15	400	80	A	V
		5850.5	56.5	-11.7	68.2	44.1	32	10.64	30.24	400	80	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	47.69	-26.31	74	53.51	40.04	15.01	60.87	100	0	P	H
		17160	51.33	-16.87	68.2	50.78	40.72	18.43	58.6	100	0	P	H
802.11ax													H
HE20 Full													H
CH 144		11440	48.35	-25.65	74	54.17	40.04	15.01	60.87	100	0	P	V
5720MHz		17160	50.26	-17.94	68.2	49.71	40.72	18.43	58.6	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5438.53	58.16	-15.84	74	46.36	31.55	10.24	29.99	100	43	P	H
		5463.88	59.03	-9.17	68.2	47.16	31.6	10.26	29.99	100	43	P	H
		5459.98	47.54	-6.46	54	35.67	31.6	10.26	29.99	100	43	A	H
802.11ax	*	5720	124.8	-	-	112.7	31.74	10.51	30.15	100	43	P	H
HE20	*	5720	115.67	-	-	103.57	31.74	10.51	30.15	100	43	A	H
Partial		5859.25	61.63	-6.57	68.2	49.22	32.02	10.64	30.25	100	43	P	H
106/54		5433.46	55.53	-18.47	74	43.75	31.53	10.24	29.99	379	88	P	V
CH 144		5464.66	55.22	-12.98	68.2	43.35	31.6	10.26	29.99	379	88	P	V
5720MHz		5459.98	44.07	-9.93	54	32.2	31.6	10.26	29.99	379	88	A	V
	*	5720	121.01	-	-	108.91	31.74	10.51	30.15	379	88	P	V
	*	5720	120.24	-	-	108.14	31.74	10.51	30.15	379	88	A	V
		5852.5	59.79	-8.41	68.2	47.38	32.01	10.64	30.24	379	88	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.97	-25.03	74	54.79	40.04	15.01	60.87	100	0	P	H
802.11ax		17160	49.59	-18.61	68.2	49.04	40.72	18.43	58.6	100	0	P	H
HE20													H
Partial													H
106/54		11440	47.89	-26.11	74	53.71	40.04	15.01	60.87	100	0	P	V
CH 144		17160	49.09	-19.11	68.2	48.54	40.72	18.43	58.6	100	0	P	V
5720MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5454.91	61.39	-12.61	74	49.52	31.6	10.26	29.99	100	41	P	H
		5470	62.27	-5.93	68.2	50.39	31.6	10.27	29.99	100	41	P	H
		5459.98	52.34	-1.66	54	40.47	31.6	10.26	29.99	100	41	A	H
	*	5710	119.1	-	-	107.02	31.72	10.5	30.14	100	41	P	H
	*	5710	108.65	-	-	96.57	31.72	10.5	30.14	100	41	A	H
		5858.75	64.07	-4.13	68.2	51.66	32.02	10.64	30.25	100	41	P	H
		5459.2	57.12	-16.88	74	45.25	31.6	10.26	29.99	380	89	P	V
		5468.17	58.87	-9.33	68.2	46.99	31.6	10.27	29.99	380	89	P	V
		5459.98	47.77	-6.23	54	35.9	31.6	10.26	29.99	380	89	A	V
	*	5710	116.39	-	-	104.31	31.72	10.5	30.14	380	89	P	V
	*	5710	105.02	-	-	92.94	31.72	10.5	30.14	380	89	A	V
		5851.5	61.3	-6.9	68.2	48.9	32	10.64	30.24	380	89	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	48.1	-25.9	74	54.01	40.02	15	60.93	100	0	P	H
		17130	49.3	-18.9	68.2	49.18	40.66	18.4	58.94	100	0	P	H
802.11ax													H
HE40 Full													H
CH 142		11420	47.76	-26.24	74	53.67	40.02	15	60.93	100	0	P	V
5710MHz		17130	50.85	-17.35	68.2	50.73	40.66	18.4	58.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 142 5710MHz		5440.87	61.83	-12.17	74	50.02	31.56	10.24	29.99	100	41	P	H
		5470	62.51	-5.69	68.2	50.63	31.6	10.27	29.99	100	41	P	H
		5459.59	50.91	-3.09	54	39.04	31.6	10.26	29.99	100	41	A	H
	*	5710	123.02	-	-	110.94	31.72	10.5	30.14	100	41	P	H
	*	5710	112.98	-	-	100.9	31.72	10.5	30.14	100	41	A	H
		5850	65.2	-3	68.2	52.8	32	10.64	30.24	100	41	P	H
		5439.31	61.07	-12.93	74	49.26	31.56	10.24	29.99	400	96	P	V
		5469.34	59.99	-8.21	68.2	48.11	31.6	10.27	29.99	400	96	P	V
		5459.98	47.59	-6.41	54	35.72	31.6	10.26	29.99	400	96	A	V
	*	5710	119.89	-	-	107.81	31.72	10.5	30.14	400	96	P	V
	*	5710	110.07	-	-	97.99	31.72	10.5	30.14	400	96	A	V
		5850.25	65.43	-2.77	68.2	53.03	32	10.64	30.24	400	96	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	49.27	-24.73	74	55.12	40.02	15	60.87	100	0	P	H
802.11ax		17130	50.4	-17.8	68.2	49.96	40.66	18.4	58.62	100	0	P	H
HE40													H
Partial													H
242/61		11420	49.21	-24.79	74	55.06	40.02	15	60.87	100	0	P	V
CH 142		17130	49.44	-18.76	68.2	49	40.66	18.4	58.62	100	0	P	V
5710MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5452.57	60.93	-13.07	74	49.07	31.6	10.25	29.99	100	43	P	H
		5464.27	60.82	-7.38	68.2	48.95	31.6	10.26	29.99	100	43	P	H
		5458.81	52.4	-1.6	54	40.53	31.6	10.26	29.99	100	43	A	H
	*	5690	108.51	-	-	96.46	31.7	10.48	30.13	100	43	P	H
	*	5690	99.03	-	-	86.98	31.7	10.48	30.13	100	43	A	H
		5897.5	57.23	-10.97	68.2	44.75	32.09	10.67	30.28	100	43	P	H
		5443.6	55.82	-18.18	74	43.99	31.57	10.25	29.99	352	88	P	V
		5469.34	56.69	-11.51	68.2	44.81	31.6	10.27	29.99	352	88	P	V
		5458.81	47.29	-6.71	54	35.42	31.6	10.26	29.99	352	88	A	V
	*	5690	105.21	-	-	93.16	31.7	10.48	30.13	352	88	P	V
	*	5690	95.02	-	-	82.97	31.7	10.48	30.13	352	88	A	V
		5850.7	52.99	-15.21	68.2	40.59	32	10.64	30.24	352	88	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	49.18	-24.82	74	55.09	39.98	14.98	60.87	100	0	P	H
		17070	49.22	-18.98	68.2	48.92	40.6	18.36	58.66	100	0	P	H
802.11ax													H
HE80 Full													H
CH 138		11380	49.12	-24.88	74	55.03	39.98	14.98	60.87	100	0	P	V
5690MHz		17070	49.92	-18.28	68.2	49.62	40.6	18.36	58.66	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5456.47	60.77	-13.23	74	48.9	31.6	10.26	29.99	100	40	P	H
		5464.66	61.67	-6.53	68.2	49.8	31.6	10.26	29.99	100	40	P	H
		5459.2	52.86	-1.14	54	40.99	31.6	10.26	29.99	100	40	A	H
802.11ax	*	5690	112.8	-	-	100.75	31.7	10.48	30.13	100	40	P	H
HE80	*	5690	103.25	-	-	91.2	31.7	10.48	30.13	100	40	A	H
Partial		5856.1	58.25	-9.95	68.2	45.85	32.01	10.64	30.25	100	40	P	H
484/66		5447.11	57.93	-16.07	74	46.08	31.59	10.25	29.99	378	90	P	V
CH 138		5468.95	59.08	-9.12	68.2	47.2	31.6	10.27	29.99	378	90	P	V
5690MHz		5459.59	50.27	-3.73	54	38.4	31.6	10.26	29.99	378	90	A	V
	*	5690	109.79	-	-	97.74	31.7	10.48	30.13	378	90	P	V
	*	5690	101.77	-	-	89.72	31.7	10.48	30.13	378	90	A	V
		5857.9	55.5	-12.7	68.2	43.09	32.02	10.64	30.25	378	90	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	48.4	-25.6	74	54.31	39.98	14.98	60.87	100	0	P	H
802.11ax		17070	49.16	-19.04	68.2	48.86	40.6	18.36	58.66	100	0	P	H
HE80													H
Partial													H
484/66		11380	48.36	-25.64	74	54.27	39.98	14.98	60.87	100	0	P	V
CH 138		17070	49.53	-18.67	68.2	49.23	40.6	18.36	58.66	100	0	P	V
5690MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE80 Partial 484 (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 138 5690MHz LF		47.46	28.18	-11.82	40	44.51	15.39	0.81	32.59	-	-	P	H
		108.57	33.06	-10.44	43.5	47.31	16.78	1.34	32.52	-	-	P	H
		124.09	33.06	-10.44	43.5	46.52	17.49	1.43	32.54	-	-	P	H
		256.98	23.9	-22.1	46	34.59	19.42	2.08	32.41	-	-	P	H
		445.16	27.96	-18.04	46	34.47	23.06	2.75	32.41	-	-	P	H
		896.21	38.88	-7.12	46	37.51	28.87	3.92	31.65	100	0	P	H
													H
													H
													H
													H
													H
													H
		42.61	33.93	-6.07	40	47.69	18	0.76	32.58	100	0	P	V
		69.77	26.07	-13.93	40	45.09	12.37	1.05	32.54	-	-	P	V
		110.51	28.93	-14.57	43.5	43.15	16.8	1.35	32.53	-	-	P	V
		122.15	31.62	-11.88	43.5	45.2	17.39	1.41	32.54	-	-	P	V
		426.73	25.83	-20.17	46	32.52	22.93	2.69	32.41	-	-	P	V
		741.98	31.04	-14.96	46	31.99	27.8	3.55	32.45	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

<TXBF Mode>

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5148.98	61.14	-12.86	74	49.35	31.8	10	30.01	100	132	P	H
		5149.24	50.71	-3.29	54	38.92	31.8	10	30.01	100	132	A	H
	*	5180	115.16	-	-	103.52	31.62	10.03	30.01	100	132	P	H
	*	5180	105.37	-	-	93.73	31.62	10.03	30.01	100	132	A	H
802.11ax													H
HE20 Full													H
CH 36		5148.72	58.03	-15.97	74	46.24	31.8	10	30.01	100	244	P	V
5180MHz		5150	49.03	-4.97	54	37.24	31.8	10	30.01	100	244	A	V
	*	5180	112.14	-	-	100.5	31.62	10.03	30.01	100	244	P	V
	*	5180	102.16	-	-	90.52	31.62	10.03	30.01	100	244	A	V
													V
													V
		5146.12	59.67	-14.33	74	47.89	31.8	9.99	30.01	100	130	P	H
		5149.24	50.25	-3.75	54	38.46	31.8	10	30.01	100	130	A	H
	*	5220	120.15	-	-	108.71	31.38	10.07	30.01	100	130	P	H
	*	5220	110.24	-	-	98.8	31.38	10.07	30.01	100	130	A	H
802.11ax		5354.44	57.15	-16.85	74	45.85	31.13	10.17	30	100	130	P	H
HE20 Full		5356.12	47.61	-6.39	54	36.3	31.14	10.17	30	100	130	A	H
CH 44		5148.46	58.23	-15.77	74	46.44	31.8	10	30.01	100	287	P	V
5220MHz		5149.24	48.1	-5.9	54	36.31	31.8	10	30.01	100	287	A	V
	*	5220	115.38	-	-	103.94	31.38	10.07	30.01	100	287	P	V
	*	5220	106.69	-	-	95.25	31.38	10.07	30.01	100	287	A	V
		5386.64	55	-19	74	43.48	31.32	10.2	30	100	287	P	V
		5399.8	46.07	-7.93	54	34.46	31.4	10.21	30	100	287	A	V

		5146.9	57.9	-16.1	74	46.12	31.8	9.99	30.01	100	51	P	H
		5150	48.91	-5.09	54	37.12	31.8	10	30.01	100	51	A	H
	*	5240	121.8	-	-	110.47	31.26	10.08	30.01	100	51	P	H
	*	5240	111.71	-	-	100.38	31.26	10.08	30.01	100	51	A	H
802.11ax		5355	60.48	-13.52	74	49.18	31.13	10.17	30	100	51	P	H
HE20 Full		5350.8	50.67	-3.33	54	39.4	31.1	10.17	30	100	51	A	H
CH 48		5141.44	56.16	-17.84	74	44.38	31.8	9.99	30.01	100	289	P	V
5240MHz		5150	46.11	-7.89	54	34.32	31.8	10	30.01	100	289	A	V
	*	5240	116.81	-	-	105.48	31.26	10.08	30.01	100	289	P	V
	*	5240	106.99	-	-	95.66	31.26	10.08	30.01	100	289	A	V
		5351.92	55.51	-18.49	74	44.23	31.11	10.17	30	100	289	P	V
		5356.12	46.17	-7.83	54	34.86	31.14	10.17	30	100	289	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	48.03	-20.17	68.2	54.93	39.44	14.46	60.8	100	0	P	H
		15540	49.5	-24.5	74	56.75	37.82	17.29	62.36	100	0	P	H
802.11ax													H
HE20 Full													H
CH 36		10360	47.51	-20.69	68.2	54.41	39.44	14.46	60.8	100	0	P	V
5180MHz		15540	47.81	-26.19	74	55.06	37.82	17.29	62.36	100	0	P	V
													V
													V
		10440	47.51	-20.69	68.2	54.24	39.64	14.5	60.87	100	0	P	H
		15660	47.19	-26.81	74	54.21	37.52	17.36	61.9	100	0	P	H
802.11ax													H
HE20 Full													H
CH 44		10440	48.17	-20.03	68.2	54.9	39.64	14.5	60.87	100	0	P	V
5220MHz		15660	46.59	-27.41	74	53.61	37.52	17.36	61.9	100	0	P	V
													V
													V
		10480	47.82	-20.38	68.2	54.53	39.68	14.52	60.91	100	0	P	H
		15720	46.53	-27.47	74	53.46	37.34	17.4	61.67	100	0	P	H
802.11ax													H
HE20 Full													H
CH 48		10480	46.7	-21.5	68.2	53.41	39.68	14.52	60.91	100	0	P	V
5240MHz		15720	47.5	-26.5	74	54.43	37.34	17.4	61.67	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5145.6	63.32	-10.68	74	51.54	31.8	9.99	30.01	100	50	P	H
		5150	51.6	-2.4	54	39.81	31.8	10	30.01	100	50	A	H
	*	5190	110.95	-	-	99.36	31.56	10.04	30.01	100	50	P	H
	*	5190	99.44	-	-	87.85	31.56	10.04	30.01	100	50	A	H
802.11ax		5397.84	56.71	-17.29	74	45.11	31.39	10.21	30	100	50	P	H
HE40 Full		5369	48.09	-5.91	54	36.69	31.21	10.19	30	100	50	A	H
CH 38		5147.42	62.85	-11.15	74	51.07	31.8	9.99	30.01	100	237	P	V
5190MHz		5149.76	46.5	-7.5	54	34.71	31.8	10	30.01	100	237	A	V
	*	5190	104.42	-	-	92.83	31.56	10.04	30.01	100	237	P	V
	*	5190	94.46	-	-	82.87	31.56	10.04	30.01	100	237	A	V
		5375.44	52.89	-21.11	74	41.45	31.25	10.19	30	100	237	P	V
		5369	42.6	-11.4	54	31.2	31.21	10.19	30	100	237	A	V
		5150	63.83	-10.17	74	52.04	31.8	10	30.01	100	44	P	H
		5149.76	51.52	-2.48	54	39.73	31.8	10	30.01	100	44	A	H
	*	5230	114.53	-	-	103.15	31.32	10.07	30.01	100	44	P	H
	*	5230	104.52	-	-	93.14	31.32	10.07	30.01	100	44	A	H
802.11ax		5386.36	60.63	-13.37	74	49.11	31.32	10.2	30	100	44	P	H
HE40 Full		5410.44	50.96	-3.04	54	39.3	31.44	10.22	30	100	44	A	H
CH 46		5137.8	56.38	-17.62	74	44.61	31.8	9.98	30.01	100	290	P	V
5230MHz		5148.98	46.12	-7.88	54	34.33	31.8	10	30.01	100	290	A	V
	*	5230	110.07	-	-	98.69	31.32	10.07	30.01	100	290	P	V
	*	5230	99.17	-	-	87.79	31.32	10.07	30.01	100	290	A	V
		5378.24	56.79	-17.21	74	45.33	31.27	10.19	30	100	290	P	V
		5410.44	46.77	-7.23	54	35.11	31.44	10.22	30	100	290	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	47.2	-21	68.2	54.03	39.52	14.47	60.82	100	0	P	H
		15570	47.16	-26.84	74	54.34	37.76	17.3	62.24	100	0	P	H
802.11ax													H
HE40 Full													H
CH 38		10380	47.42	-20.78	68.2	54.25	39.52	14.47	60.82	100	0	P	V
5190MHz		15570	47.55	-26.45	74	54.73	37.76	17.3	62.24	100	0	P	V
													V
													V
		10460	47.62	-20.58	68.2	54.34	39.66	14.51	60.89	100	0	P	H
		15690	47.06	-26.94	74	54.04	37.43	17.38	61.79	100	0	P	H
802.11ax													H
HE40 Full													H
CH 46		10460	47.5	-20.7	68.2	54.22	39.66	14.51	60.89	100	0	P	V
5230MHz		15690	47.61	-26.39	74	54.59	37.43	17.38	61.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5148.72	68.06	-5.94	74	56.27	31.8	10	30.01	100	53	P	H
		5149.76	52.67	-1.33	54	40.88	31.8	10	30.01	100	53	A	H
	*	5210	107.08	38.88	68.2	95.59	31.44	10.06	30.01	100	53	P	H
	*	5210	96.36	42.36	54	84.87	31.44	10.06	30.01	100	53	A	H
		5427.52	58.93	-15.07	74	47.18	31.51	10.23	29.99	100	53	P	H
		5401.2	48.43	-5.57	54	36.82	31.4	10.21	30	100	53	A	H
		5136.24	58.26	-15.74	74	46.49	31.8	9.98	30.01	100	288	P	V
		5150	46.11	-7.89	54	34.32	31.8	10	30.01	100	288	A	V
	*	5210	101.84	33.64	68.2	90.35	31.44	10.06	30.01	100	288	P	V
	*	5210	92.41	38.41	54	80.92	31.44	10.06	30.01	100	288	A	V
		5403.44	54.77	-19.23	74	43.15	31.41	10.21	30	100	288	P	V
		5400.92	44.99	-9.01	54	33.38	31.4	10.21	30	100	288	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	47.34	-20.86	68.2	54.08	39.62	14.49	60.85	100	0	P	H
		15630	47.31	-26.69	74	54.38	37.61	17.34	62.02	100	0	P	H
802.11ax													H
HE80 Full													H
CH 42		10420	48.12	-20.08	68.2	54.86	39.62	14.49	60.85	100	0	P	V
5210MHz		15630	46.25	-27.75	74	53.32	37.61	17.34	62.02	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5143.82	57.77	-16.23	74	45.99	31.8	9.99	30.01	100	50	P	H
		5149.26	48.5	-5.5	54	36.71	31.8	10	30.01	100	50	A	H
	*	5260	121.3	-	-	110	31.2	10.1	30	100	50	P	H
	*	5260	111.68	-	-	100.38	31.2	10.1	30	100	50	A	H
802.11ax		5360.16	60.1	-13.9	74	48.76	31.16	10.18	30	100	50	P	H
HE20 Full		5353.2	51.68	-2.32	54	40.39	31.12	10.17	30	100	50	A	H
CH 52		5139.06	56.06	-17.94	74	44.28	31.8	9.99	30.01	100	290	P	V
5260MHz		5147.22	45.97	-8.03	54	34.19	31.8	9.99	30.01	100	290	A	V
	*	5260	116.31	-	-	105.01	31.2	10.1	30	100	290	P	V
	*	5260	106.89	-	-	95.59	31.2	10.1	30	100	290	A	V
		5389.92	57.38	-16.62	74	45.84	31.34	10.2	30	100	290	P	V
		5351.28	47.39	-6.61	54	36.11	31.11	10.17	30	100	290	A	V
		5148.92	54.38	-19.62	74	42.59	31.8	10	30.01	100	132	P	H
		5117.3	46.28	-7.72	54	34.53	31.8	9.96	30.01	100	132	A	H
	*	5300	119.03	-	-	107.7	31.2	10.13	30	100	132	P	H
	*	5300	109.25	-	-	97.92	31.2	10.13	30	100	132	A	H
802.11ax		5369.52	60.25	-13.75	74	48.84	31.22	10.19	30	100	132	P	H
HE20 Full		5351.76	51.01	-2.99	54	39.73	31.11	10.17	30	100	132	A	H
CH 60		5129.54	54.69	-19.31	74	42.92	31.8	9.98	30.01	100	290	P	V
5300MHz		5117.3	44.89	-9.11	54	33.14	31.8	9.96	30.01	100	290	A	V
	*	5300	115.95	-	-	104.62	31.2	10.13	30	100	290	P	V
	*	5300	105.94	-	-	94.61	31.2	10.13	30	100	290	A	V
		5380.8	56.08	-17.92	74	44.61	31.28	10.19	30	100	290	P	V
		5350.8	47.64	-6.36	54	36.37	31.1	10.17	30	100	290	A	V

	*	5320	116.76	-	-	105.45	31.16	10.15	30	100	51	P	H
	*	5320	106.49	-	-	95.18	31.16	10.15	30	100	51	A	H
		5350.08	65.79	-8.21	74	54.52	31.1	10.17	30	100	51	P	H
		5350.72	52.1	-1.9	54	40.83	31.1	10.17	30	100	51	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	112.37	-	-	101.06	31.16	10.15	30	100	292	P	V
5320MHz	*	5320	102.14	-	-	90.83	31.16	10.15	30	100	292	A	V
		5350.08	57.57	-16.43	74	46.3	31.1	10.17	30	100	292	P	V
		5350.88	47.74	-6.26	54	36.46	31.11	10.17	30	100	292	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	46.81	-21.39	68.2	53.5	39.7	14.54	60.93	100	0	P	H
		15780	47.21	-26.79	74	54.06	37.16	17.44	61.45	100	0	P	H
802.11ax													H
HE20 Full													H
CH 52		10520	46.59	-21.61	68.2	53.28	39.7	14.54	60.93	100	0	P	V
5260MHz		15780	46.79	-27.21	74	53.64	37.16	17.44	61.45	100	0	P	V
													V
													V
		10600	47.24	-26.76	74	53.88	39.7	14.58	60.92	100	0	P	H
		15900	46.26	-27.74	74	52.55	37.2	17.5	60.99	100	0	P	H
802.11ax													H
HE20 Full													H
CH 60		10600	47.37	-26.63	74	54.01	39.7	14.58	60.92	100	0	P	V
5300MHz		15900	45.94	-28.06	74	52.23	37.2	17.5	60.99	100	0	P	V
													V
													V
		10640	48.15	-25.85	74	54.68	39.78	14.6	60.91	100	0	P	H
		15960	47.24	-26.76	74	53.2	37.26	17.54	60.76	100	0	P	H
802.11ax													H
HE20 Full													H
CH 64		10640	47.71	-26.29	74	54.24	39.78	14.6	60.91	100	0	P	V
5320MHz		15960	46.33	-27.67	74	52.29	37.26	17.54	60.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5138.72	59.6	-14.4	74	47.82	31.8	9.99	30.01	100	49	P	H
		5148.92	49.43	-4.57	54	37.64	31.8	10	30.01	100	49	A	H
	*	5270	114.89	-	-	103.58	31.2	10.11	30	100	49	P	H
	*	5270	104.03	-	-	92.72	31.2	10.11	30	100	49	A	H
802.11ax		5351.28	64.5	-9.5	74	53.22	31.11	10.17	30	100	49	P	H
HE40 Full		5352.96	51.72	-2.28	54	40.43	31.12	10.17	30	100	49	A	H
CH 54		5149.6	55.88	-18.12	74	44.09	31.8	10	30.01	100	296	P	V
5270MHz		5088.4	46.01	-7.99	54	34.31	31.78	9.93	30.01	100	296	A	V
	*	5270	98.79	-	-	87.48	31.2	10.11	30	100	296	P	V
	*	5270	98.74	-	-	87.43	31.2	10.11	30	100	296	A	V
		5388	56.92	-17.08	74	45.39	31.33	10.2	30	100	296	P	V
		5350.8	46.52	-7.48	54	35.25	31.1	10.17	30	100	296	A	V
		5149.94	57.88	-16.12	74	46.09	31.8	10	30.01	100	50	P	H
		5126.82	48.24	-5.76	54	36.48	31.8	9.97	30.01	100	50	A	H
	*	5310	112.02	43.82	68.2	100.7	31.18	10.14	30	100	50	P	H
	*	5310	100.86	46.86	54	89.54	31.18	10.14	30	100	50	A	H
802.11ax		5354.16	66.38	-7.62	74	55.09	31.12	10.17	30	100	50	P	H
HE40 Full		5353.2	52.04	-1.96	54	40.75	31.12	10.17	30	100	50	A	H
CH 62		5125.12	53.86	-20.14	74	42.1	31.8	9.97	30.01	100	293	P	V
5310MHz		5126.82	45.14	-8.86	54	33.38	31.8	9.97	30.01	100	293	A	V
	*	5310	106.87	38.67	68.2	95.55	31.18	10.14	30	100	293	P	V
	*	5310	95.73	41.73	54	84.41	31.18	10.14	30	100	293	A	V
		5351.04	59.97	-14.03	74	48.69	31.11	10.17	30	100	293	P	V
		5353.44	46.55	-7.45	54	35.26	31.12	10.17	30	100	293	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	47.36	-20.84	68.2	54.03	39.7	14.55	60.92	100	0	P	H
		15810	46.18	-27.82	74	52.95	37.11	17.45	61.33	100	0	P	H
802.11ax													H
HE40 Full													H
CH 54		10540	46.79	-21.41	68.2	53.46	39.7	14.55	60.92	100	0	P	V
5270MHz		15810	46.03	-27.97	74	52.8	37.11	17.45	61.33	100	0	P	V
													V
													V
		10620	47.86	-26.14	74	54.44	39.74	14.59	60.91	100	0	P	H
		15930	46.46	-27.54	74	52.58	37.23	17.53	60.88	100	0	P	H
802.11ax													H
HE40 Full													H
CH 62		10620	47.69	-26.31	74	54.27	39.74	14.59	60.91	100	0	P	V
5310MHz		15930	45.73	-28.27	74	51.85	37.23	17.53	60.88	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5124.1	58.4	-15.6	74	46.64	31.8	9.97	30.01	100	52	P	H
		5099.28	48.56	-5.44	54	36.83	31.8	9.94	30.01	100	52	A	H
	*	5290	107.41	-	-	96.09	31.2	10.12	30	100	52	P	H
	*	5290	97.04	-	-	85.72	31.2	10.12	30	100	52	A	H
		5354.4	66.74	-7.26	74	55.44	31.13	10.17	30	100	52	P	H
		5351.04	51.53	-2.47	54	40.25	31.11	10.17	30	100	52	A	H
		5105.06	56.02	-17.98	74	44.28	31.8	9.95	30.01	100	287	P	V
		5148.92	45.31	-8.69	54	33.52	31.8	10	30.01	100	287	A	V
	*	5290	101.63	-	-	90.31	31.2	10.12	30	100	287	P	V
	*	5290	92.14	-	-	80.82	31.2	10.12	30	100	287	A	V
		5373.84	57.31	-16.69	74	45.88	31.24	10.19	30	100	287	P	V
		5352.24	46.02	-7.98	54	34.74	31.11	10.17	30	100	287	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.15	-20.05	68.2	54.8	39.7	14.57	60.92	100	0	P	H
		15870	46.7	-27.3	74	53.14	37.17	17.49	61.1	100	0	P	H
802.11ax													H
HE80 Full													H
CH 58		10580	47.99	-20.21	68.2	54.64	39.7	14.57	60.92	100	0	P	V
5290MHz		15870	47.22	-26.78	74	53.66	37.17	17.49	61.1	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.6	60.67	-13.33	74	48.8	31.6	10.26	29.99	100	50	P	H
		5468.56	66.61	-1.59	68.2	54.73	31.6	10.27	29.99	100	50	P	H
		5459.44	50.12	-3.88	54	38.25	31.6	10.26	29.99	100	50	A	H
	*	5500	117.82	-	-	105.91	31.6	10.3	29.99	100	50	P	H
802.11ax	*	5500	107.58	-	-	95.67	31.6	10.3	29.99	100	50	A	H
HE20 Full		5454.8	54.06	-19.94	74	42.19	31.6	10.26	29.99	380	124	P	V
CH 100		5466.16	57.08	-11.12	68.2	45.2	31.6	10.27	29.99	380	124	P	V
5500MHz		5459.28	44.23	-9.77	54	32.36	31.6	10.26	29.99	380	124	A	V
	*	5500	112.49	-	-	100.58	31.6	10.3	29.99	380	124	P	V
	*	5500	101.27	-	-	89.36	31.6	10.3	29.99	380	124	A	V
													V
													V
		5454.16	60.29	-13.71	74	48.42	31.6	10.26	29.99	100	48	P	H
		5465.92	61.21	-6.99	68.2	49.33	31.6	10.27	29.99	100	48	P	H
		5456.32	51.19	-2.81	54	39.32	31.6	10.26	29.99	100	48	A	H
	*	5580	122.58	-	-	110.71	31.56	10.36	30.05	100	48	P	H
802.11ax	*	5580	110.15	-	-	98.28	31.56	10.36	30.05	100	48	A	H
HE20 Full		5739.17	57.29	-10.91	68.2	45.14	31.78	10.53	30.16	100	48	P	H
CH 116		5458.24	57.34	-16.66	74	45.47	31.6	10.26	29.99	100	296	P	V
5580MHz		5461.84	57.04	-11.16	68.2	45.17	31.6	10.26	29.99	100	296	P	V
		5459.68	47.56	-6.44	54	35.69	31.6	10.26	29.99	100	296	A	V
	*	5580	116.64	-	-	104.77	31.56	10.36	30.05	100	296	P	V
	*	5580	107.34	-	-	95.47	31.56	10.36	30.05	100	296	A	V
		5755.55	53.43	-14.77	68.2	41.25	31.8	10.55	30.17	100	296	P	V

	*	5700	115.85	-	-	103.79	31.7	10.49	30.13	100	52	P	H
	*	5700	105.19	-	-	93.13	31.7	10.49	30.13	100	52	A	H
		5726.12	65.06	-3.14	68.2	52.94	31.75	10.52	30.15	100	52	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	107.9	-	-	95.84	31.7	10.49	30.13	100	283	P	V
5700MHz	*	5700	97.34	-	-	85.28	31.7	10.49	30.13	100	283	A	V
		5725.16	60.47	-7.73	68.2	48.35	31.75	10.52	30.15	100	283	P	V
													V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	50.04	-23.96	74	55.71	40.4	14.79	60.86	100	0	P	H
		16500	50.15	-18.05	68.2	51.87	38.9	17.94	58.56	100	0	P	H
802.11ax													H
HE20 Full													H
CH 100		11000	50	-24	74	55.67	40.4	14.79	60.86	100	0	P	V
5500MHz		16500	49.93	-18.27	68.2	51.65	38.9	17.94	58.56	100	0	P	V
													V
													V
		11160	47.66	-26.34	74	53.69	39.96	14.87	60.86	100	0	P	H
		16740	50.62	-17.58	68.2	51.19	39.94	18.12	58.63	100	0	P	H
802.11ax													H
HE20 Full													H
CH 116		11160	48.64	-25.36	74	54.67	39.96	14.87	60.86	100	0	P	V
5580MHz		16740	51.2	-17	68.2	51.77	39.94	18.12	58.63	100	0	P	V
													V
													V
		11400	47.69	-26.31	74	53.57	40	14.99	60.87	100	0	P	H
		17100	51.26	-16.94	68.2	50.92	40.6	18.38	58.64	100	0	P	H
802.11ax													H
HE20 Full													H
CH 140		11400	48.25	-25.75	74	54.13	40	14.99	60.87	100	0	P	V
5700MHz		17100	50.41	-17.79	68.2	50.07	40.6	18.38	58.64	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.46	60.26	-13.74	74	48.39	31.6	10.26	29.99	100	47	P	H
		5461.54	64.86	-3.34	68.2	52.99	31.6	10.26	29.99	100	47	P	H
		5458.68	51.48	-2.52	54	39.61	31.6	10.26	29.99	100	47	A	H
	*	5510	112.26	-	-	100.38	31.58	10.3	30	100	47	P	H
802.11ax	*	5510	100.83	-	-	88.95	31.58	10.3	30	100	47	A	H
HE40 Full		5736.65	55.91	-12.29	68.2	43.77	31.77	10.53	30.16	100	47	P	H
CH 102		5458.68	56.13	-17.87	74	44.26	31.6	10.26	29.99	100	298	P	V
5510MHz		5470.12	56.92	-93.08	150	45.04	31.6	10.27	29.99	100	298	P	V
		5458.42	46.58	-7.42	54	34.71	31.6	10.26	29.99	100	298	A	V
	*	5510	105.17	-	-	93.29	31.58	10.3	30	100	298	P	V
	*	5510	94.85	-	-	82.97	31.58	10.3	30	100	298	A	V
		5752.4	53.41	-14.79	68.2	41.23	31.8	10.55	30.17	100	298	P	V
		5455.04	64.14	-9.86	74	52.27	31.6	10.26	29.99	100	47	P	H
		5470	65.27	-2.93	68.2	53.39	31.6	10.27	29.99	100	47	P	H
		5457.64	52.33	-1.67	54	40.46	31.6	10.26	29.99	100	47	A	H
	*	5550	115.87	-	-	104.06	31.5	10.34	30.03	100	47	P	H
802.11ax	*	5550	105.39	-	-	93.58	31.5	10.34	30.03	100	47	A	H
HE40 Full		5743.265	60.03	-8.17	68.2	47.87	31.79	10.54	30.17	100	47	P	H
CH 110		5441	57.43	-16.57	74	45.62	31.56	10.24	29.99	100	304	P	V
5550MHz		5461.54	57.27	-10.93	68.2	45.4	31.6	10.26	29.99	100	304	P	V
		5459.98	47.08	-6.92	54	35.21	31.6	10.26	29.99	100	304	A	V
	*	5550	110.32	-	-	98.51	31.5	10.34	30.03	100	304	P	V
	*	5550	99.66	-	-	87.85	31.5	10.34	30.03	100	304	A	V
		5728.145	54.76	-13.44	68.2	42.63	31.76	10.52	30.15	100	304	P	V

		5455.7	58.3	-15.7	74	46.43	31.6	10.26	29.99	100	50	P	H
		5463.75	57.47	-10.73	68.2	45.6	31.6	10.26	29.99	100	50	P	H
		5457.1	48.19	-5.81	54	36.32	31.6	10.26	29.99	100	50	A	H
	*	5670	114.68	-	-	102.63	31.7	10.46	30.11	100	50	P	H
802.11ax	*	5670	103.63	-	-	91.58	31.7	10.46	30.11	100	50	A	H
HE40 Full		5725.8	65.07	-3.13	68.2	52.95	31.75	10.52	30.15	100	50	P	H
CH 134		5430.85	53.6	-20.4	74	41.83	31.52	10.24	29.99	100	141	P	V
5670MHz		5468.3	54.96	-13.24	68.2	43.08	31.6	10.27	29.99	100	141	P	V
		5459.55	44.34	-9.66	54	32.47	31.6	10.26	29.99	100	141	A	V
	*	5670	107.88	-	-	95.83	31.7	10.46	30.11	100	141	P	V
	*	5670	97.24	-	-	85.19	31.7	10.46	30.11	100	141	A	V
		5728.075	59.73	-8.47	68.2	47.6	31.76	10.52	30.15	100	141	P	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.82	-24.18	74	55.52	40.36	14.8	60.86	100	0	P	H
		16530	48.7	-19.5	68.2	50.44	38.87	17.96	58.57	100	0	P	H
802.11ax													H
HE40 Full													H
CH 102		11020	49.29	-24.71	74	54.99	40.36	14.8	60.86	100	0	P	V
5510MHz		16530	48.85	-19.35	68.2	50.59	38.87	17.96	58.57	100	0	P	V
													V
													V
		11100	48.64	-25.36	74	54.46	40.2	14.84	60.86	100	0	P	H
		16650	50.14	-18.06	68.2	51.44	39.25	18.05	58.6	100	0	P	H
802.11ax													H
HE40 Full													H
CH 110		11100	48.61	-25.39	74	54.43	40.2	14.84	60.86	100	0	P	V
5550MHz		16650	49.6	-18.6	68.2	50.9	39.25	18.05	58.6	100	0	P	V
													V
													V
		11340	47.52	-26.48	74	53.49	39.94	14.96	60.87	100	0	P	H
		17010	50.59	-17.61	68.2	50.36	40.6	18.32	58.69	100	0	P	H
802.11ax													H
HE40 Full													H
CH 134		11340	48.3	-25.7	74	54.27	39.94	14.96	60.87	100	0	P	V
5670MHz		17010	51.8	-16.4	68.2	51.57	40.6	18.32	58.69	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.12	65.72	-8.28	74	53.85	31.6	10.26	29.99	100	52	P	H
		5464.92	65.79	-2.41	68.2	53.91	31.6	10.27	29.99	100	52	P	H
		5351.04	50.94	-3.06	54	39.66	31.11	10.17	30	100	52	A	H
	*	5530	108.15	-	-	96.3	31.54	10.32	30.01	100	52	P	H
802.11ax	*	5530	97.66	-	-	85.81	31.54	10.32	30.01	100	52	A	H
HE80 Full		5739.17	57.1	-11.1	68.2	44.95	31.78	10.53	30.16	100	52	P	H
CH 106		5459.98	57.34	-16.66	74	45.47	31.6	10.26	29.99	100	290	P	V
5530MHz		5460.76	61.83	-6.37	68.2	49.96	31.6	10.26	29.99	100	290	P	V
		5455.3	47.42	-6.58	54	35.55	31.6	10.26	29.99	100	290	A	V
	*	5530	103.17	-	-	91.32	31.54	10.32	30.01	100	290	P	V
	*	5530	92.58	-	-	80.73	31.54	10.32	30.01	100	290	A	V
		5727.83	53.75	-14.45	68.2	41.62	31.76	10.52	30.15	100	290	P	V
		5441.52	61.91	-12.09	74	50.08	31.57	10.25	29.99	100	49	P	H
		5459.98	61.25	-12.75	74	49.38	31.6	10.26	29.99	100	49	P	H
		5452.7	51.59	-2.41	54	39.73	31.6	10.25	29.99	100	49	A	H
	*	5610	111.48	-	-	99.54	31.62	10.39	30.07	100	49	P	H
802.11ax	*	5610	101.55	-	-	89.61	31.62	10.39	30.07	100	49	A	H
HE80 Full		5725.31	64.56	-3.64	68.2	52.44	31.75	10.52	30.15	100	49	P	H
CH 122		5451.92	58.21	-15.79	74	46.35	31.6	10.25	29.99	100	292	P	V
5610MHz		5470.12	59.11	-90.89	150	47.23	31.6	10.27	29.99	100	292	P	V
		5424.1	48.45	-5.55	54	36.71	31.5	10.23	29.99	100	292	A	V
	*	5610	105.48	-	-	93.54	31.62	10.39	30.07	100	292	P	V
	*	5610	95.88	-	-	83.94	31.62	10.39	30.07	100	292	A	V
		5745.785	55.71	-12.49	68.2	43.55	31.79	10.54	30.17	100	292	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	49.68	-24.32	74	55.44	40.28	14.82	60.86	100	0	P	H
		16590	48.2	-20	68.2	49.97	38.81	18.01	58.59	100	0	P	H
802.11ax													H
HE80 Full													H
CH 106		11060	49.63	-24.37	74	55.39	40.28	14.82	60.86	100	0	P	V
5530MHz		16590	48.9	-19.3	68.2	50.67	38.81	18.01	58.59	100	0	P	V
													V
													V
		11220	47.49	-26.51	74	53.63	39.82	14.9	60.86	100	0	P	H
		16830	51.42	-16.78	68.2	51.56	40.33	18.18	58.65	100	0	P	H
802.11ax													H
HE80 Full													H
CH 122		11220	48.72	-25.28	74	54.86	39.82	14.9	60.86	100	0	P	V
5610MHz		16830	50.32	-17.88	68.2	50.46	40.33	18.18	58.65	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5415.91	54.08	-19.92	74	42.4	31.46	10.22	30	100	52	P	H
		5469.73	54.43	-13.77	68.2	42.55	31.6	10.27	29.99	100	52	P	H
		5459.2	44.74	-9.26	54	32.87	31.6	10.26	29.99	100	52	A	H
	*	5720	120.88	-	-	108.78	31.74	10.51	30.15	100	52	P	H
802.11ax	*	5720	111.66	-	-	99.56	31.74	10.51	30.15	100	52	A	H
HE20 Full		5853	56.36	-11.84	68.2	43.95	32.01	10.64	30.24	100	52	P	H
CH 144		5406.94	52.47	-21.53	74	40.82	31.43	10.22	30	100	293	P	V
5720MHz		5467.78	52.75	-15.45	68.2	40.87	31.6	10.27	29.99	100	293	P	V
		5457.25	43.34	-10.66	54	31.47	31.6	10.26	29.99	100	293	A	V
	*	5720	116.48	-	-	104.38	31.74	10.51	30.15	100	293	P	V
	*	5720	106.6	-	-	94.5	31.74	10.51	30.15	100	293	A	V
		5863.5	54.82	-13.38	68.2	42.4	32.03	10.64	30.25	100	293	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.24	-25.76	74	54.06	40.04	15.01	60.87	100	0	P	H
		17160	50.46	-17.74	68.2	49.91	40.72	18.43	58.6	100	0	P	H
802.11ax													H
HE20 Full													H
CH 144		11440	47.21	-26.79	74	53.03	40.04	15.01	60.87	100	0	P	V
5720MHz		17160	50.58	-17.62	68.2	50.03	40.72	18.43	58.6	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5455.7	58.3	-15.7	74	46.43	31.6	10.26	29.99	100	50	P	H
		5463.75	57.47	-10.73	68.2	45.6	31.6	10.26	29.99	100	50	P	H
		5457.1	48.19	-5.81	54	36.32	31.6	10.26	29.99	100	50	A	H
	*	5670	114.68	-	-	102.63	31.7	10.46	30.11	100	50	P	H
	*	5670	103.63	-	-	91.58	31.7	10.46	30.11	100	50	A	H
		5725.8	65.07	-3.13	68.2	52.95	31.75	10.52	30.15	100	50	P	H
		5430.85	53.6	-20.4	74	41.83	31.52	10.24	29.99	100	141	P	V
		5468.3	54.96	-13.24	68.2	43.08	31.6	10.27	29.99	100	141	P	V
		5459.55	44.34	-9.66	54	32.47	31.6	10.26	29.99	100	141	A	V
	*	5670	107.88	-	-	95.83	31.7	10.46	30.11	100	141	P	V
	*	5670	97.24	-	-	85.19	31.7	10.46	30.11	100	141	A	V
		5728.075	59.73	-8.47	68.2	47.6	31.76	10.52	30.15	100	141	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	48.14	-25.86	74	53.99	40.02	15	60.87	100	0	P	H
		17130	49.66	-18.54	68.2	49.22	40.66	18.4	58.62	100	0	P	H
802.11ax													H
HE40 Full													H
CH 142		11420	49.43	-24.57	74	55.28	40.02	15	60.87	100	0	P	V
5710MHz		17130	50.13	-18.07	68.2	49.69	40.66	18.4	58.62	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5454.13	60.16	-13.84	74	48.29	31.6	10.26	29.99	100	52	P	H
		5470	60.59	-7.61	68.2	48.71	31.6	10.27	29.99	100	52	P	H
		5459.2	50.99	-3.01	54	39.12	31.6	10.26	29.99	100	52	A	H
	*	5690	111.5	-	-	99.45	31.7	10.48	30.13	100	52	P	H
802.11ax	*	5690	99.9	-	-	87.85	31.7	10.48	30.13	100	52	A	H
HE80 Full		5852.2	57.18	-11.02	68.2	44.78	32	10.64	30.24	100	52	P	H
CH 138		5452.57	58.84	-15.16	74	46.98	31.6	10.25	29.99	100	296	P	V
5690MHz		5464.66	58.48	-9.72	68.2	46.61	31.6	10.26	29.99	100	296	P	V
		5459.98	48.58	-5.42	54	36.71	31.6	10.26	29.99	100	296	A	V
	*	5690	104.61	-	-	92.56	31.7	10.48	30.13	100	296	P	V
	*	5690	94.53	-	-	82.48	31.7	10.48	30.13	100	296	A	V
		5852.5	54.59	-13.61	68.2	42.18	32.01	10.64	30.24	100	296	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	48.04	-25.96	74	53.95	39.98	14.98	60.87	100	0	P	H
		17070	51.29	-16.91	68.2	50.99	40.6	18.36	58.66	100	0	P	H
802.11ax													H
HE80 Full													H
CH 138		11380	48.16	-25.84	74	54.07	39.98	14.98	60.87	100	0	P	V
5690MHz		17070	51.68	-16.52	68.2	51.38	40.6	18.36	58.66	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full LF		41.64	28.85	-11.15	40	42.01	18.59	0.82	32.57	-	-	P	H
		87.23	30.42	-9.58	40	47.4	14.19	1.32	32.49	100	0	P	H
		113.42	33.59	-9.91	43.5	47.53	17.07	1.52	32.53	-	-	P	H
		154.16	25.98	-17.52	43.5	39.86	16.84	1.78	32.5	-	-	P	H
		419.94	27.26	-18.74	46	34.11	22.79	2.77	32.41	-	-	P	H
		764.29	30.06	-15.94	46	30.56	28.1	3.77	32.37	-	-	P	H
													H
													H
													H
													H
													H
													H
		40.67	37.38	-2.62	40	50	19.12	0.82	32.56	100	45	Q	V
		47.46	35.49	-4.51	40	51.82	15.39	0.87	32.59	100	64	Q	V
		114.39	35.55	-7.95	43.5	49.5	17.06	1.53	32.54	-	-	P	V
		212.36	25.14	-18.36	43.5	40.43	15.04	2.1	32.43	-	-	P	V
		624.61	28.34	-17.66	46	31.51	25.81	3.43	32.41	-	-	P	V
		892.33	32.35	-13.65	46	31.04	28.84	4.14	31.67	-	-	P	V
													V
													V
													V
													V
													V
													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	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path 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) + Path 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

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	**Temperature :**	22.1~23.1°C
		Relative Humidity :	55~60%

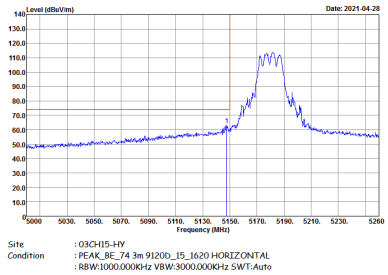
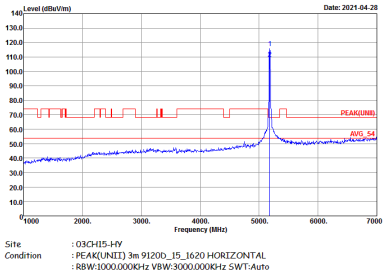
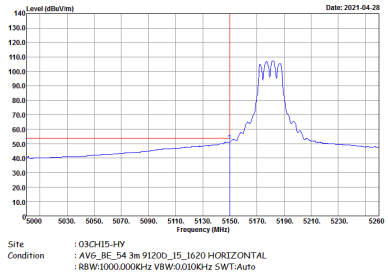
Note symbol

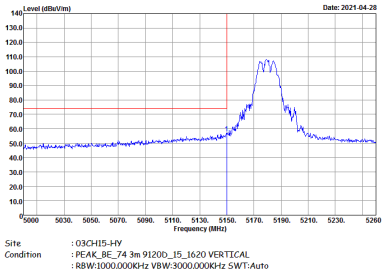
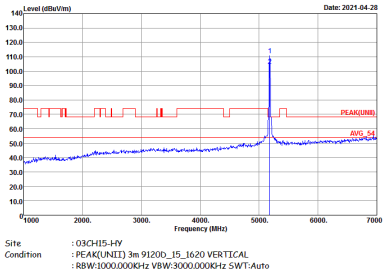
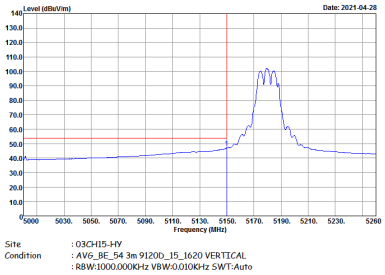
-L	**Low channel location**
-R	**High channel location**

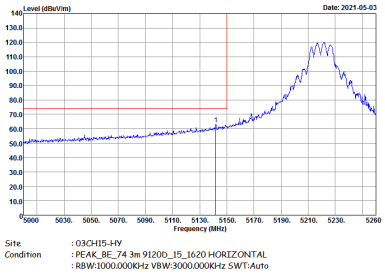
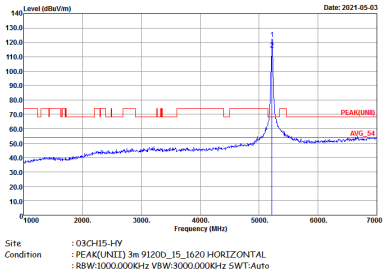
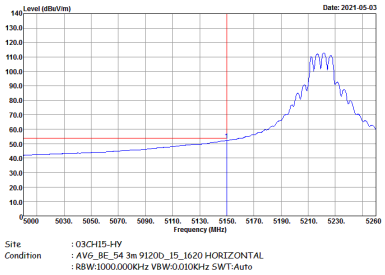
<CDD Mode>

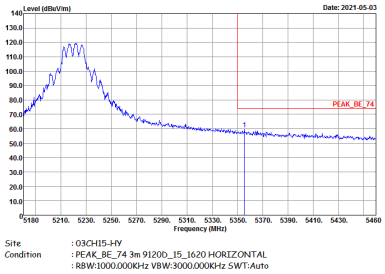
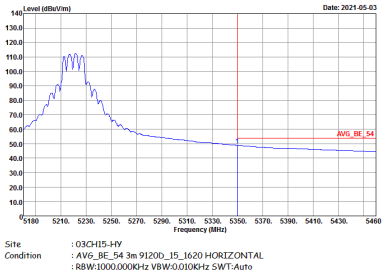
Band 1 - 5150~5250MHz

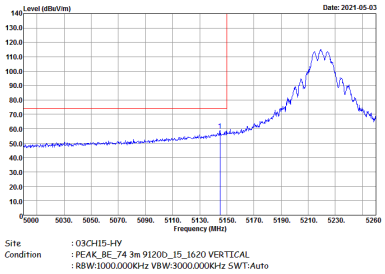
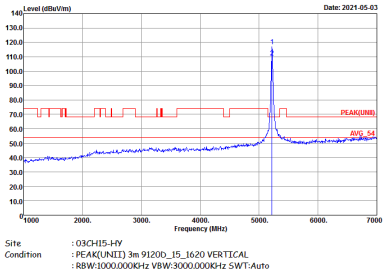
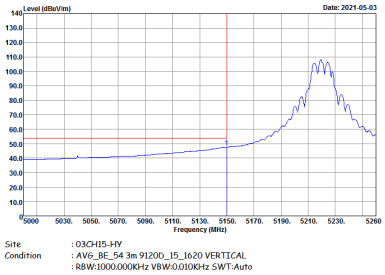
WIFI 802.11a (Band Edge @ 3m)

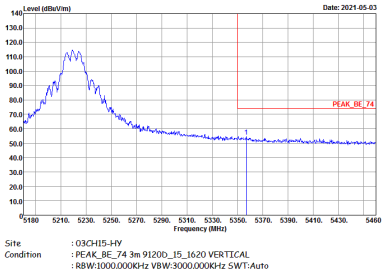
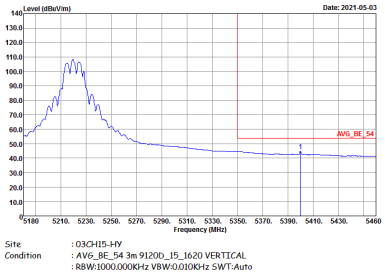
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

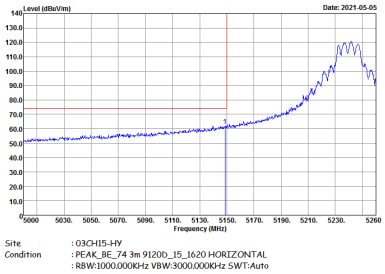
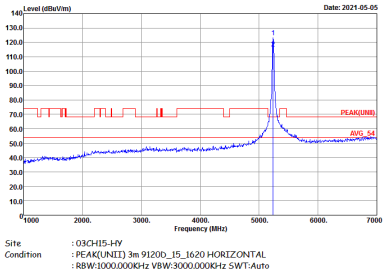
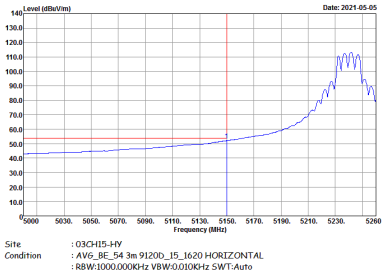
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

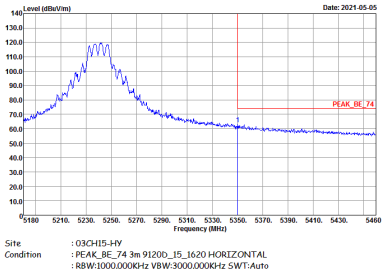
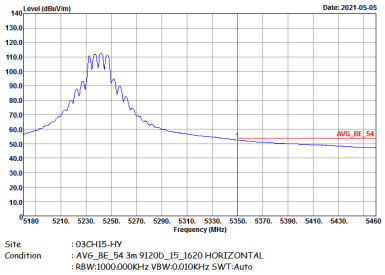
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

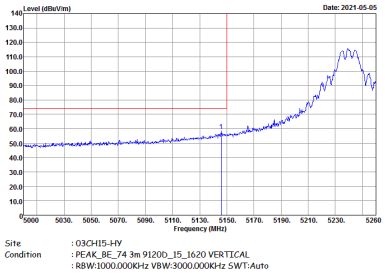
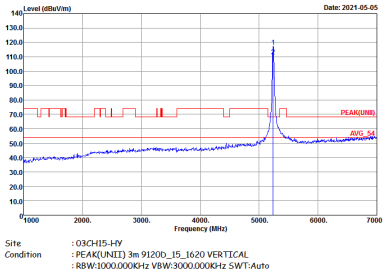
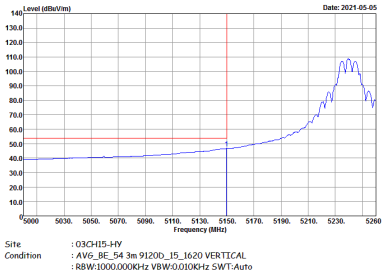
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

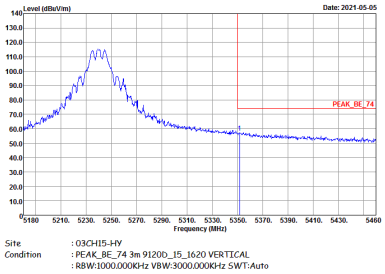
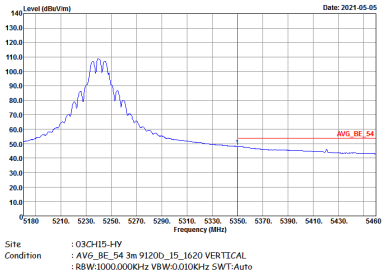
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

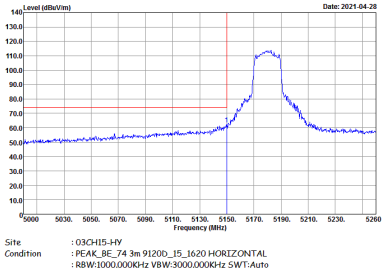
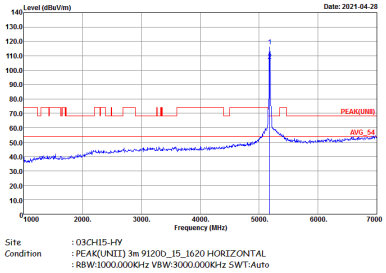
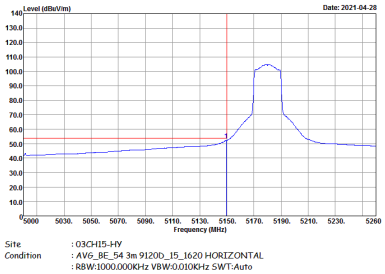
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

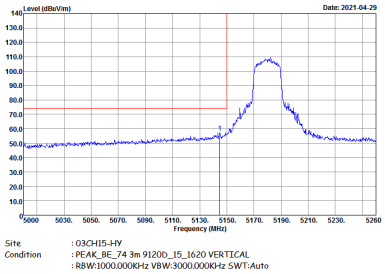
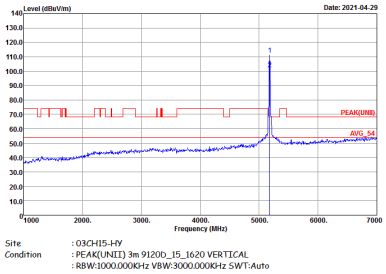
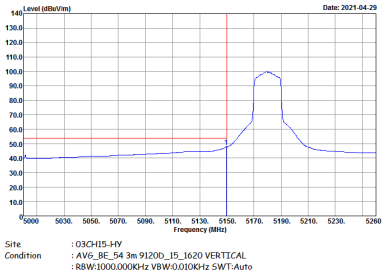
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

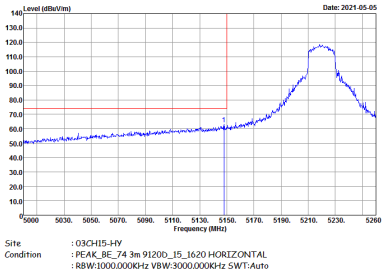
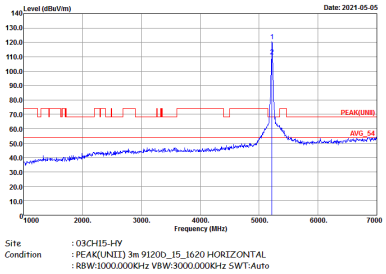
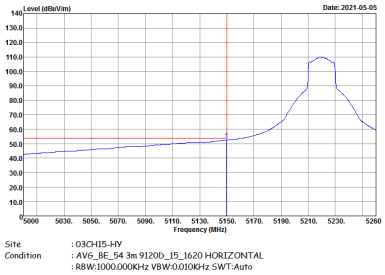
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

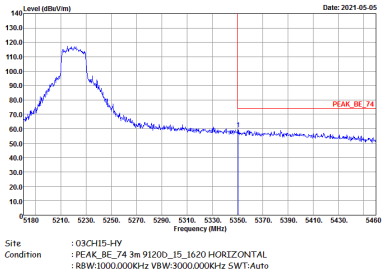
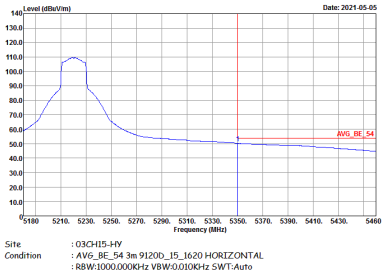
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

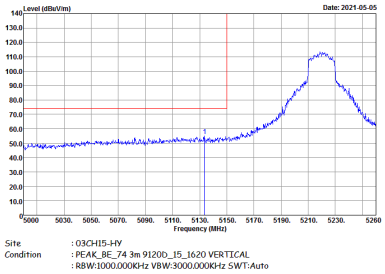
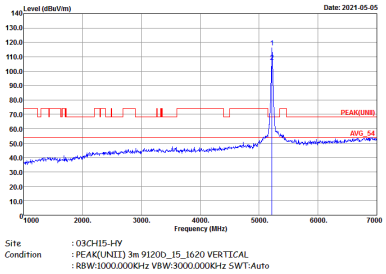
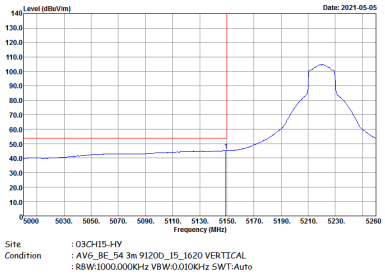
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

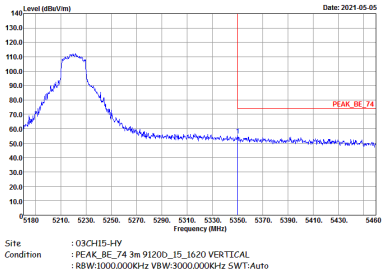
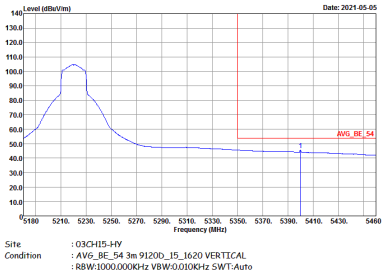
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

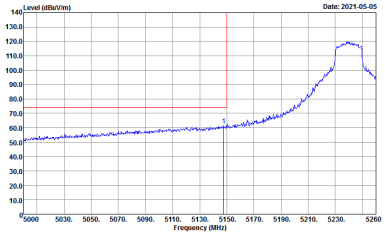
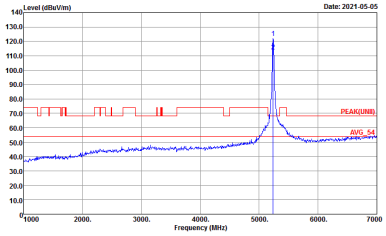
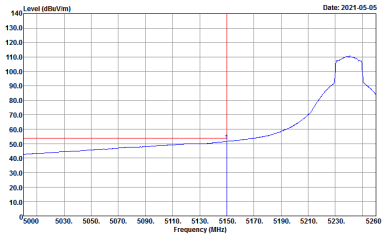
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

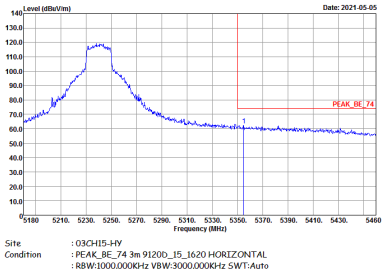
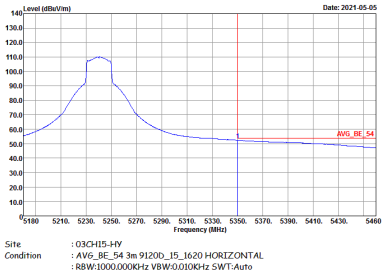
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

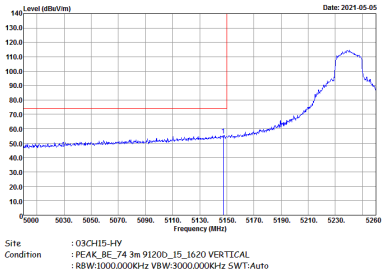
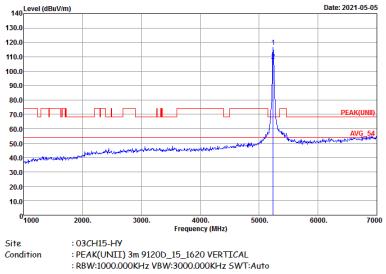
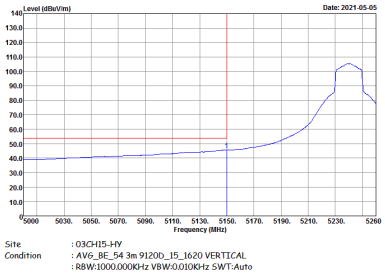
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

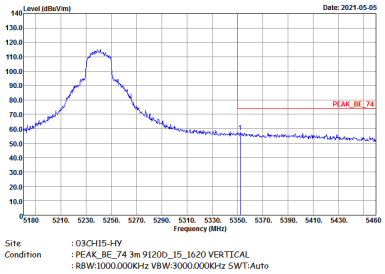
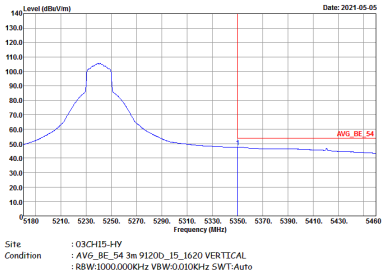
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

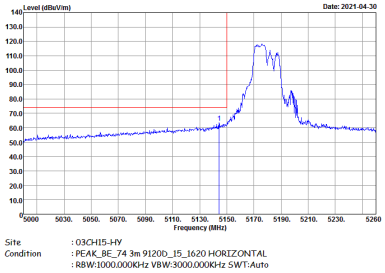
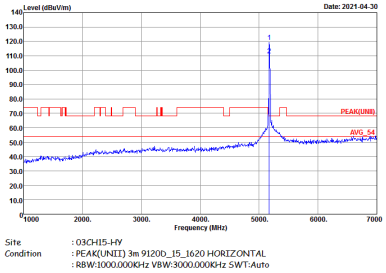
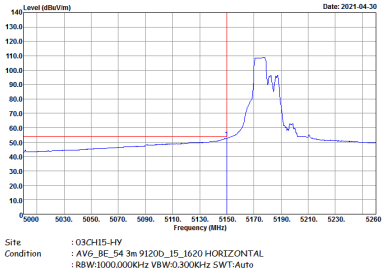
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

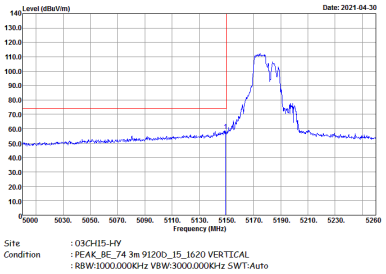
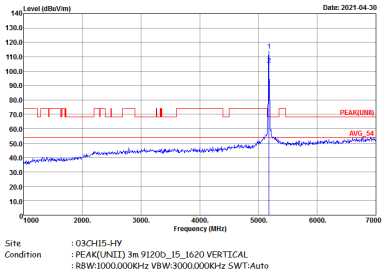
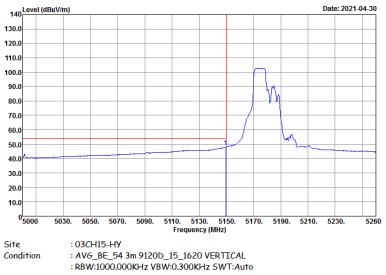
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

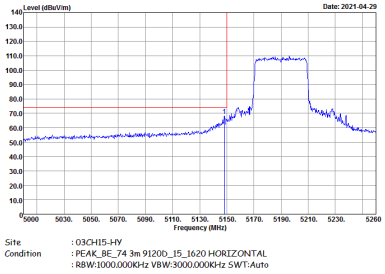
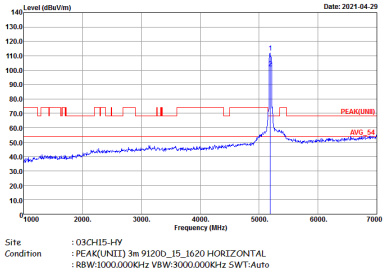
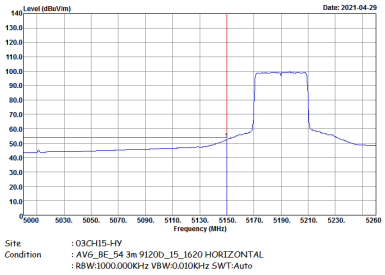
Band 1 5150~5250MHz

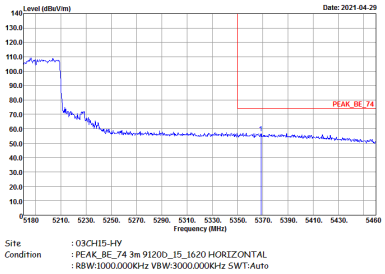
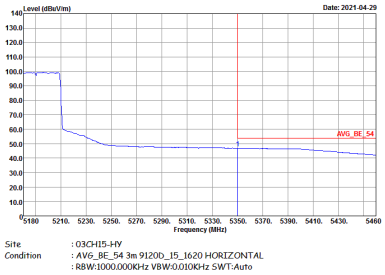
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

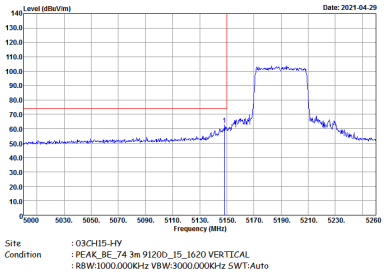
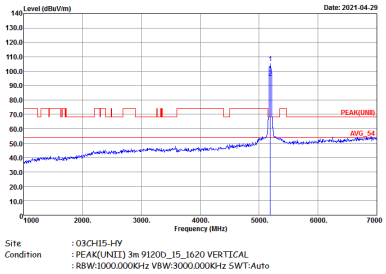
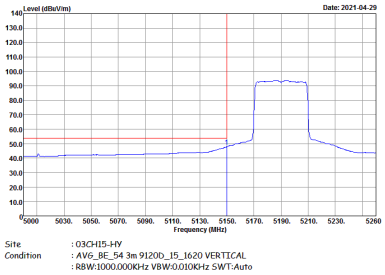
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

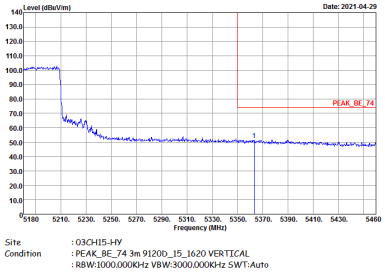
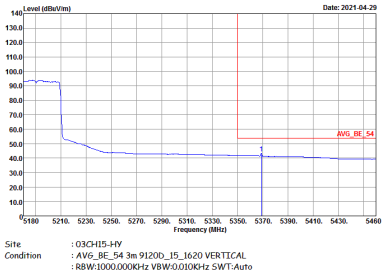
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

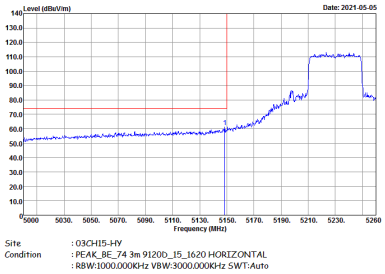
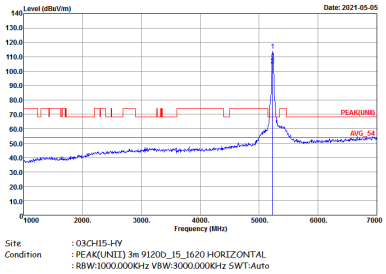
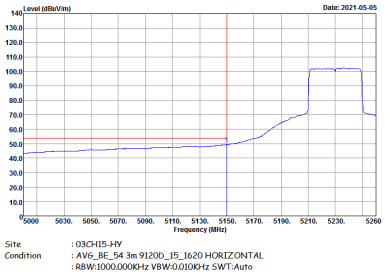
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

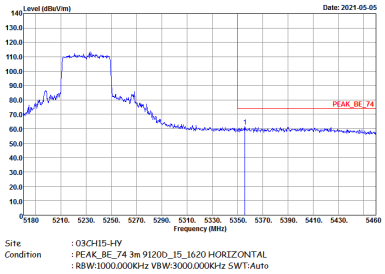
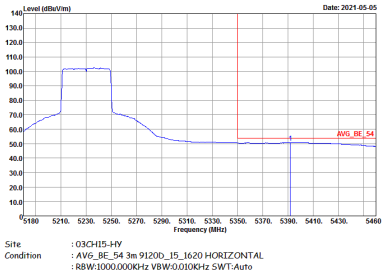
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

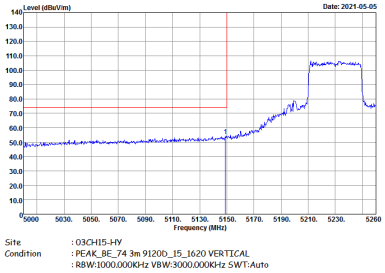
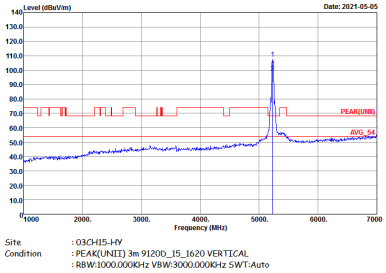
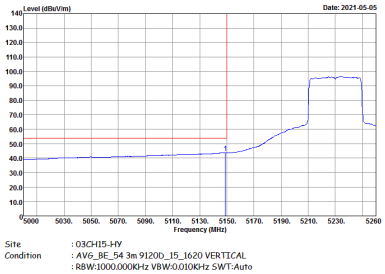
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

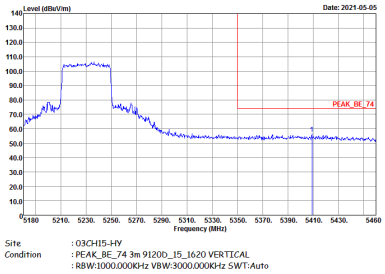
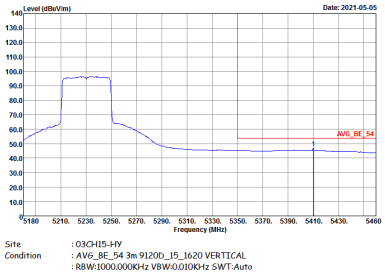
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

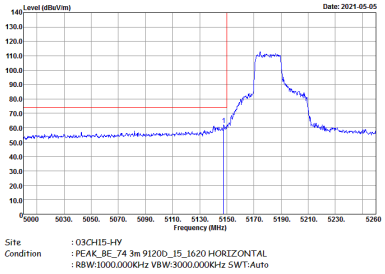
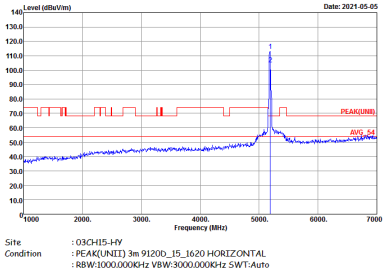
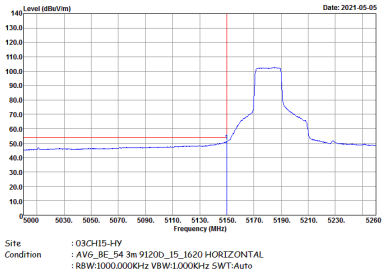
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

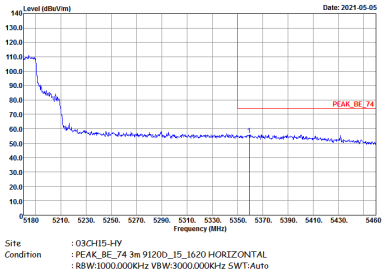
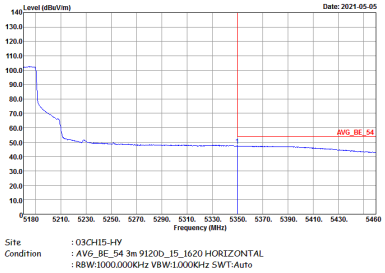
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

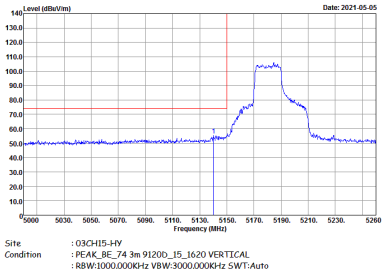
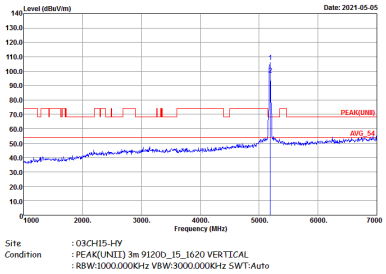
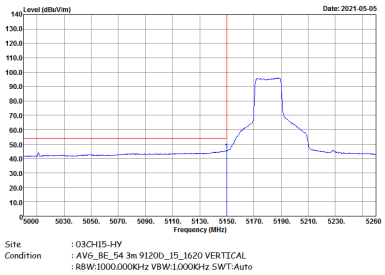
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

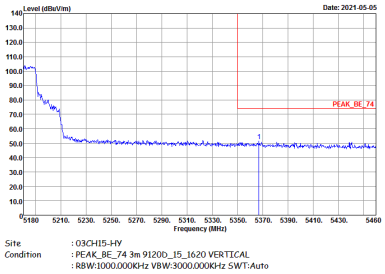
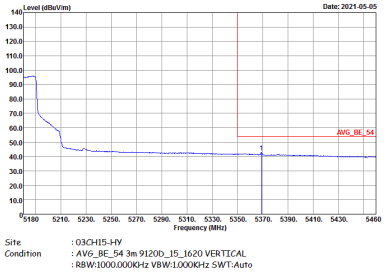
Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

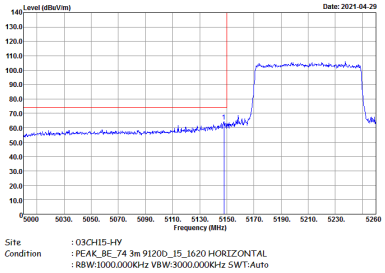
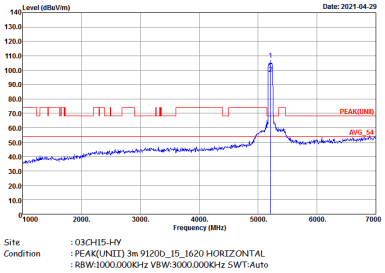
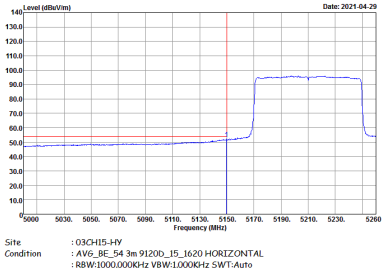
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

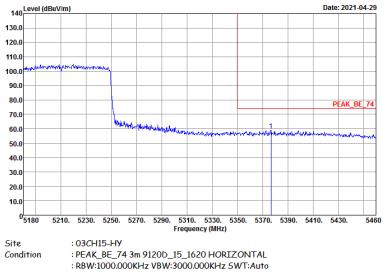
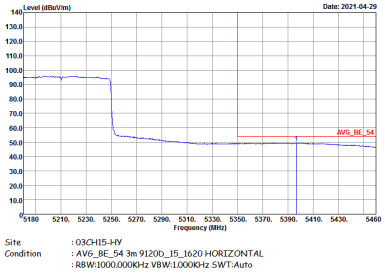
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

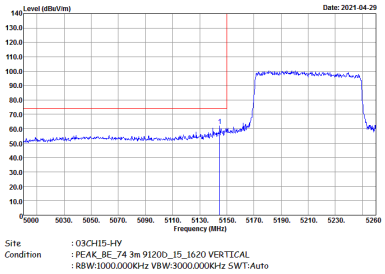
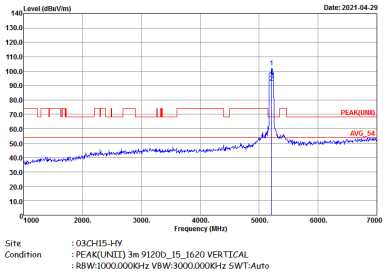
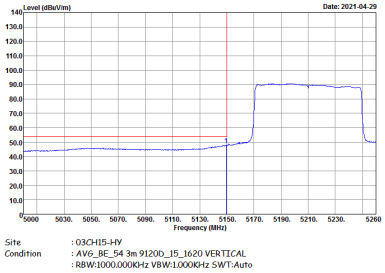
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

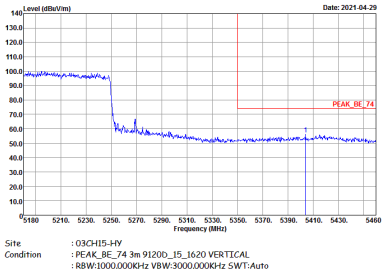
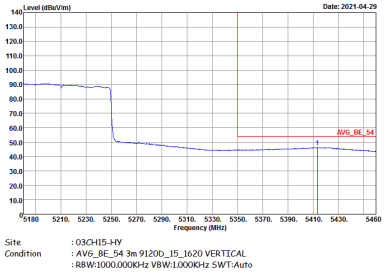
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

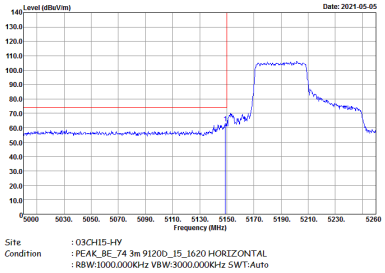
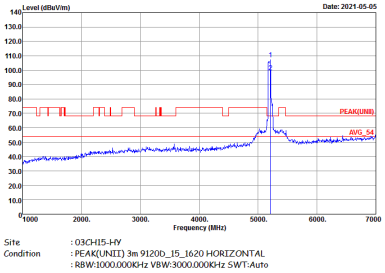
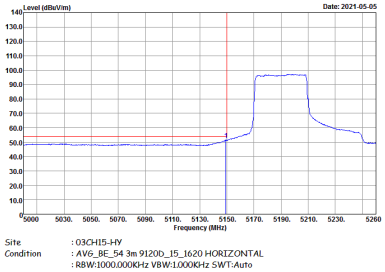
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

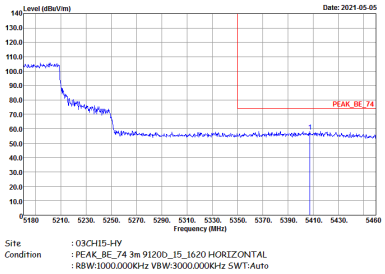
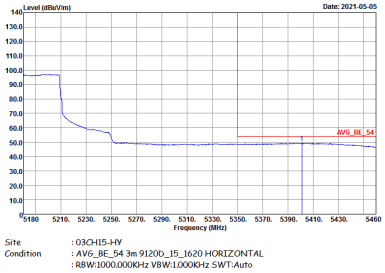
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

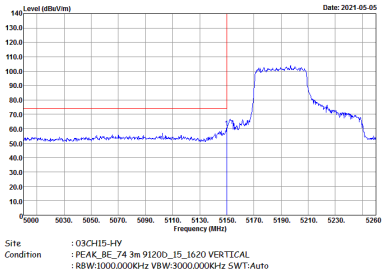
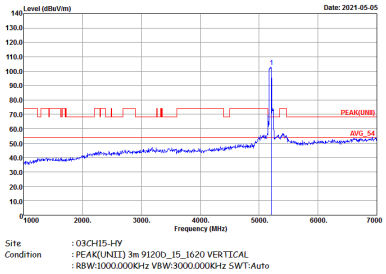
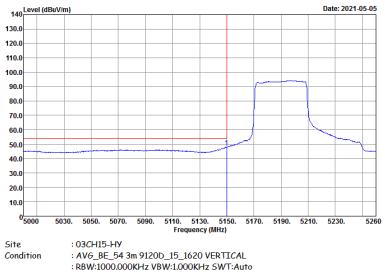
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

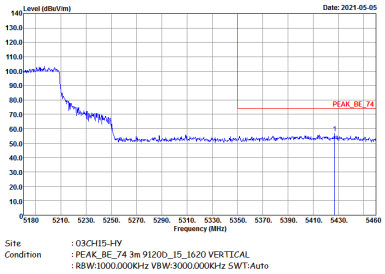
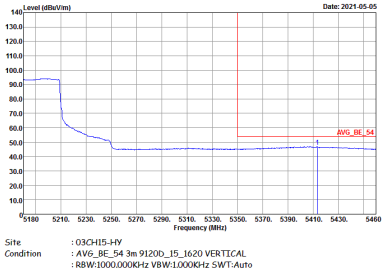
Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

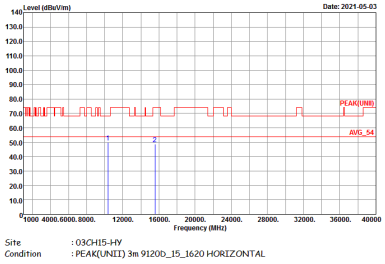
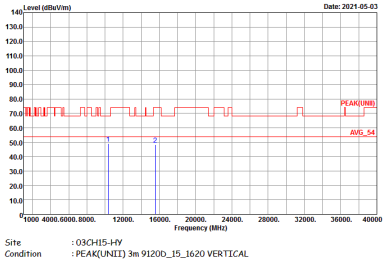
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

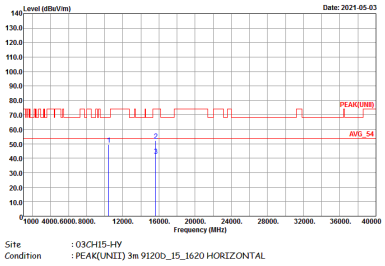
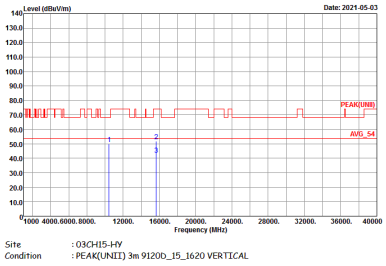
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

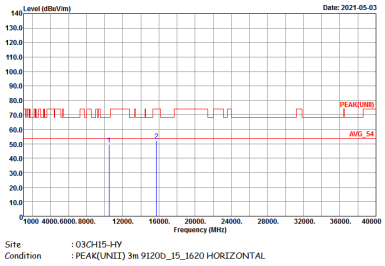
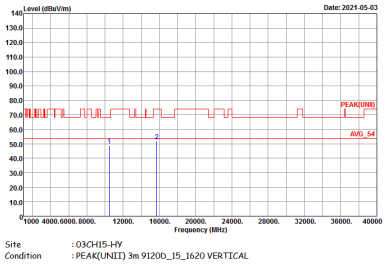
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

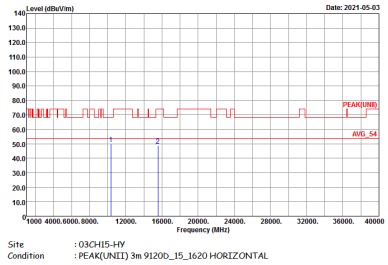
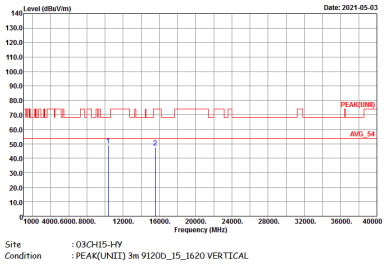
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

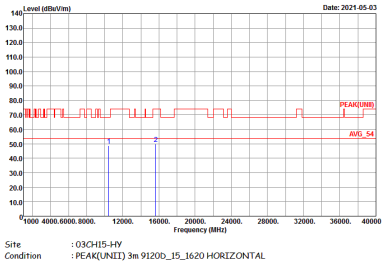
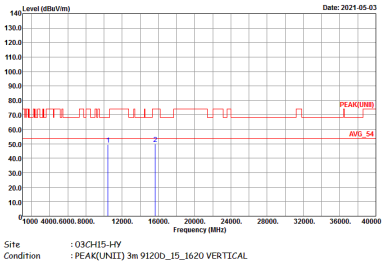
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

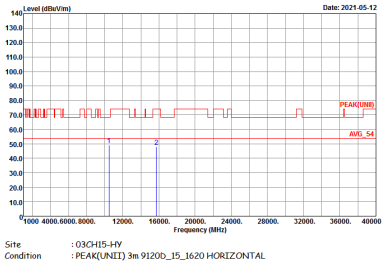
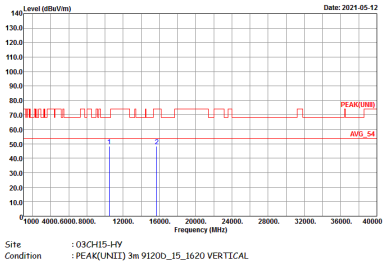
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

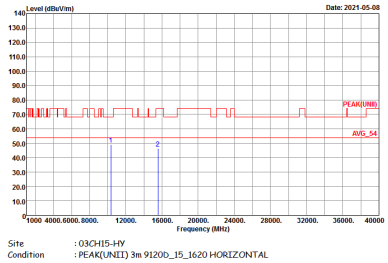
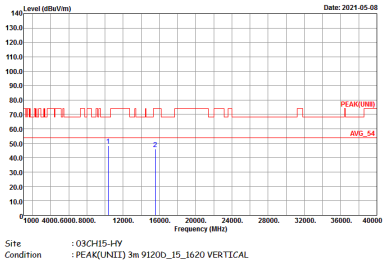
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL

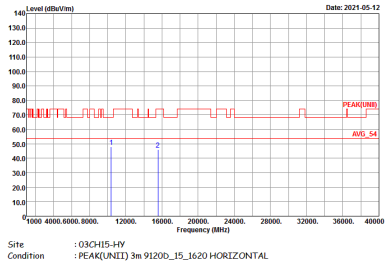
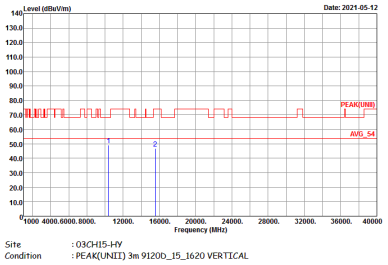
Band 1 5150~5250MHz

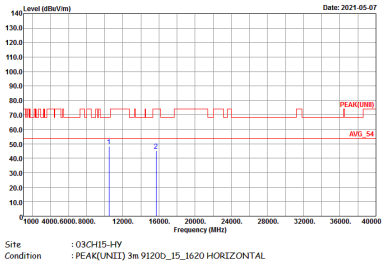
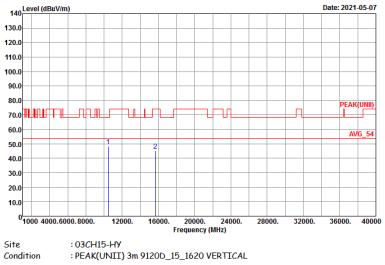
WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

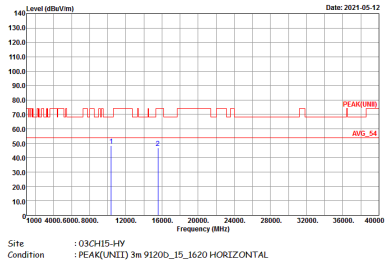
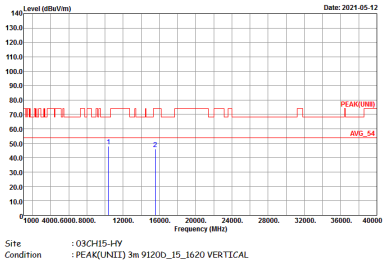
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL

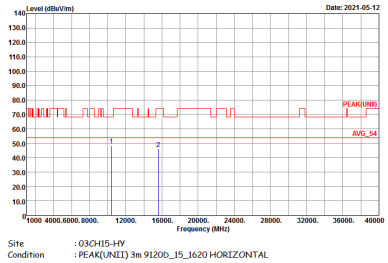
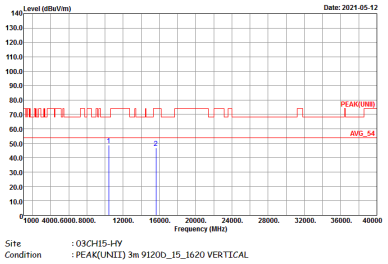
Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

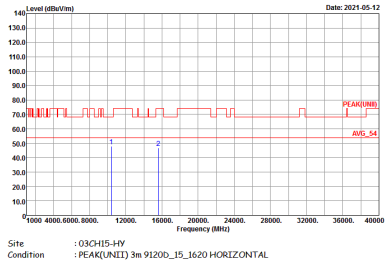
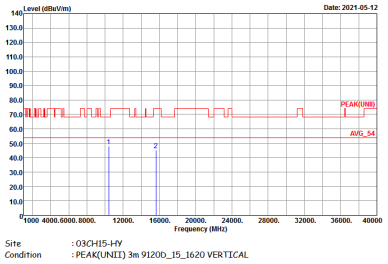
Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

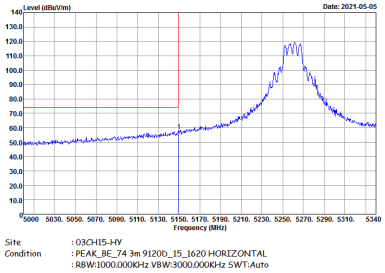
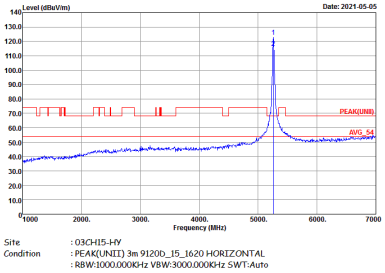
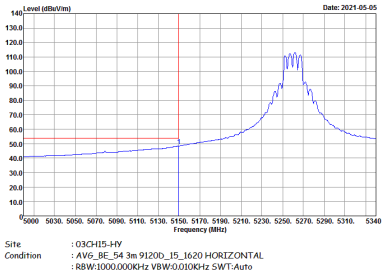
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

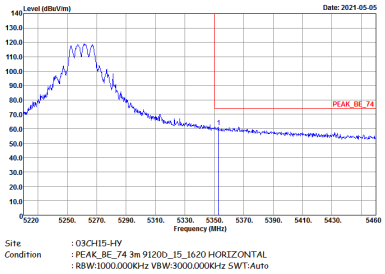
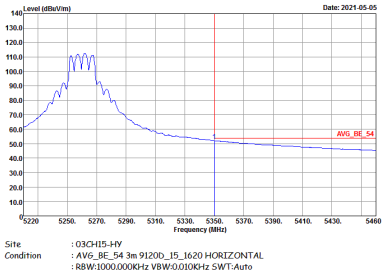
Band 1 5150~5250MHz

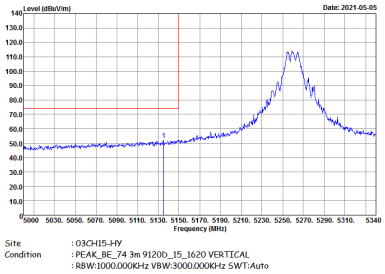
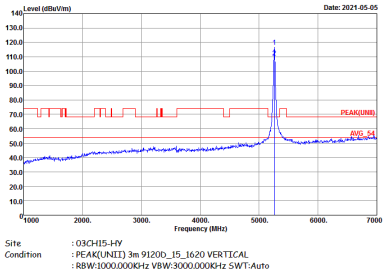
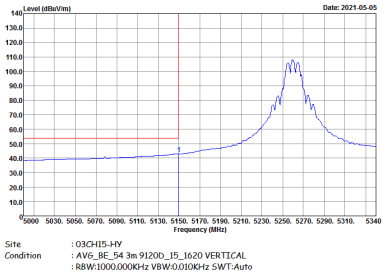
WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

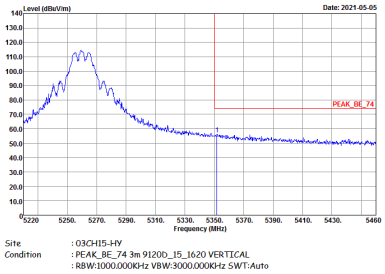
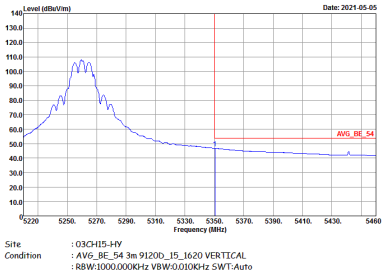
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

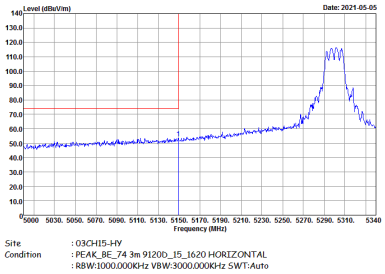
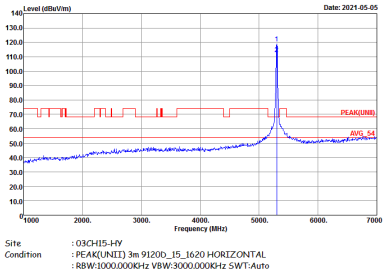
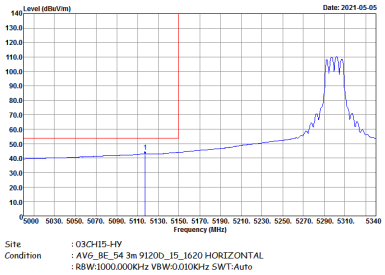
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

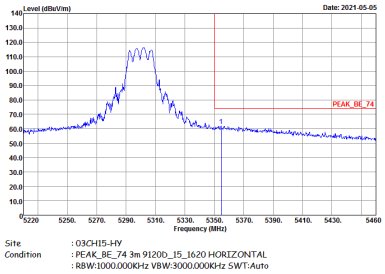
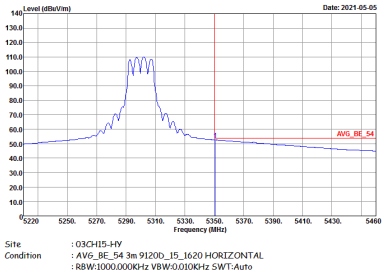
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

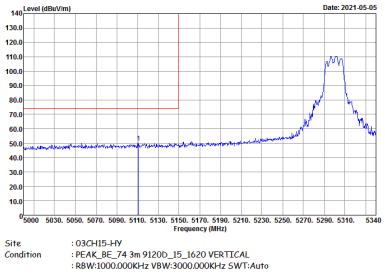
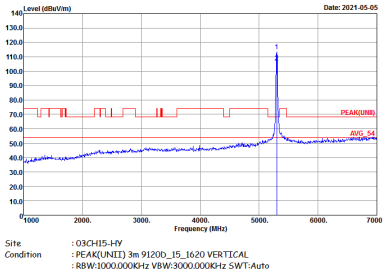
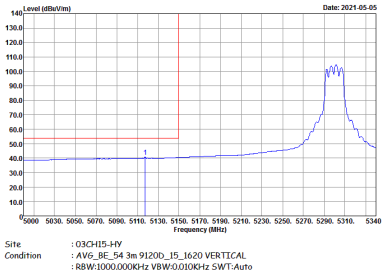
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

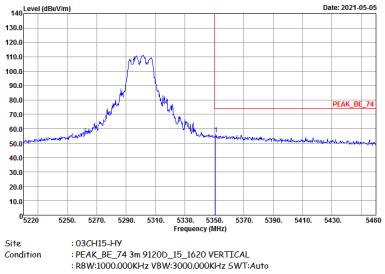
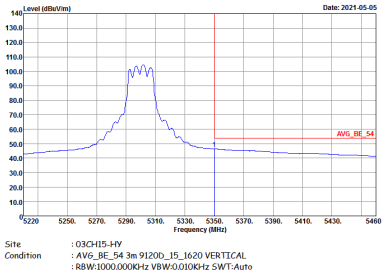
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

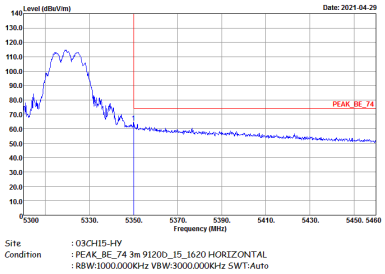
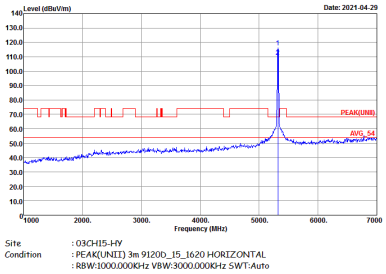
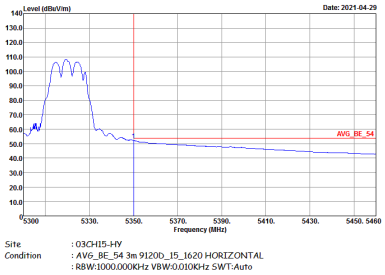
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

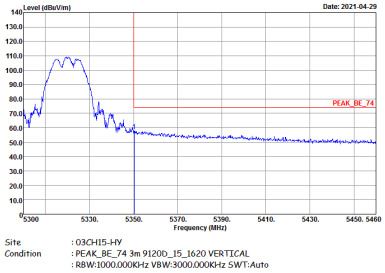
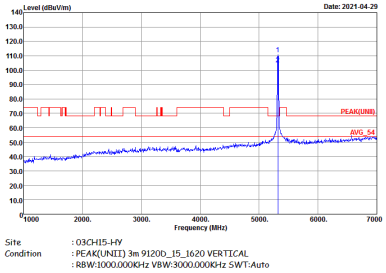
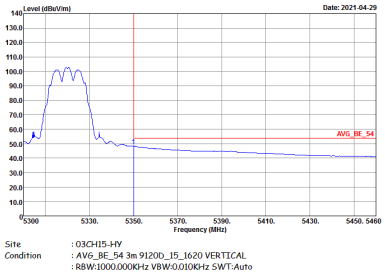
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

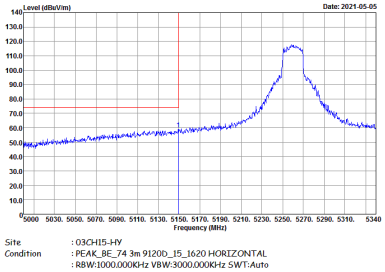
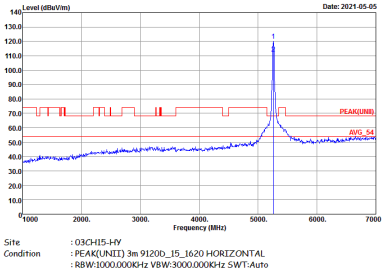
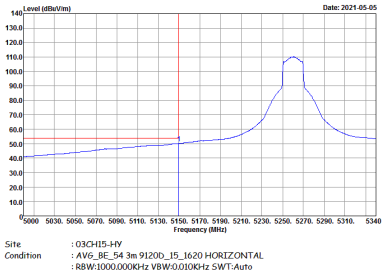
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

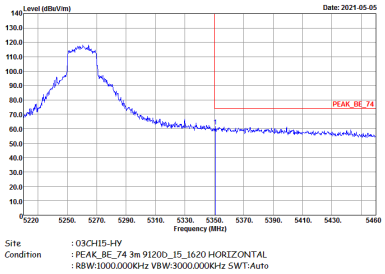
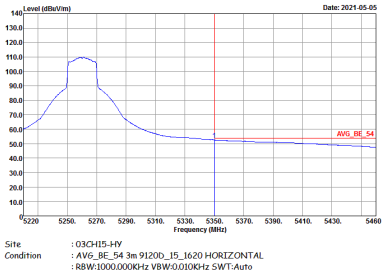
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

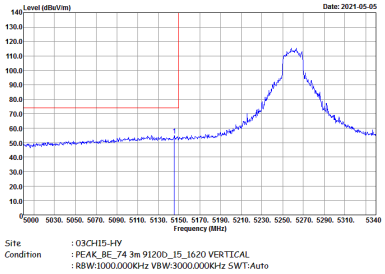
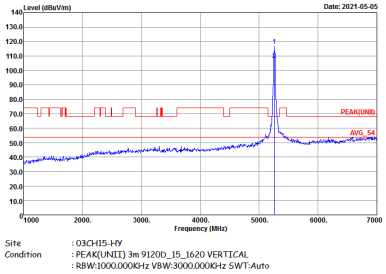
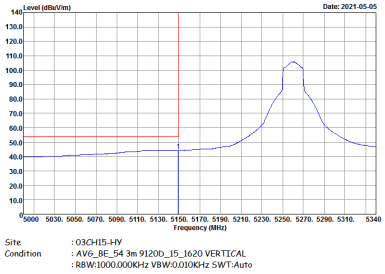
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

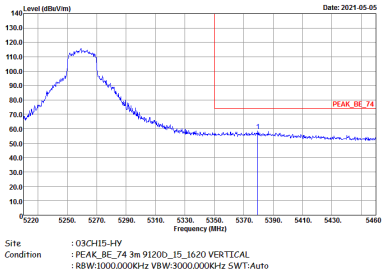
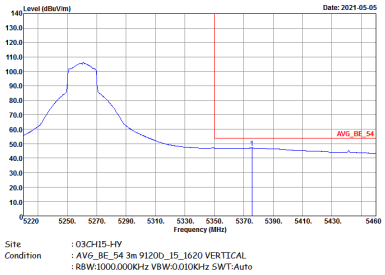
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

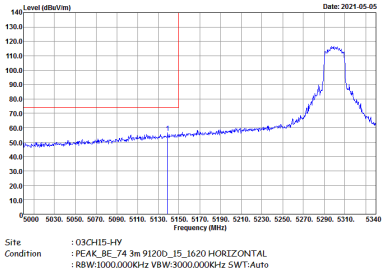
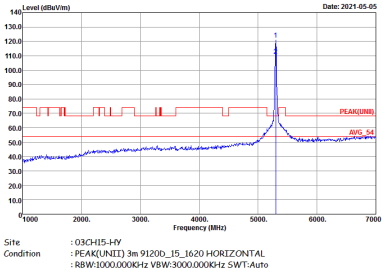
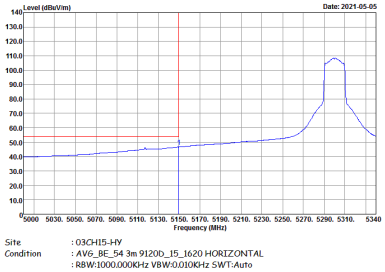
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

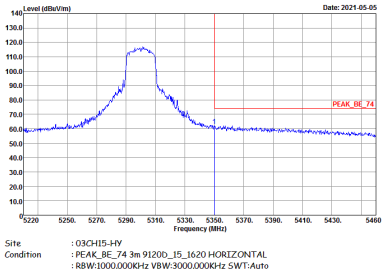
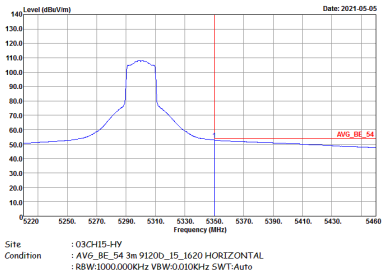
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

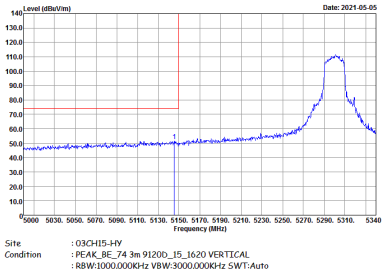
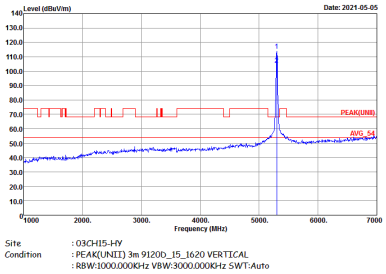
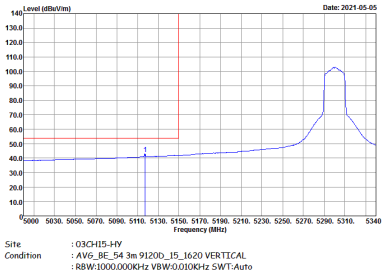
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

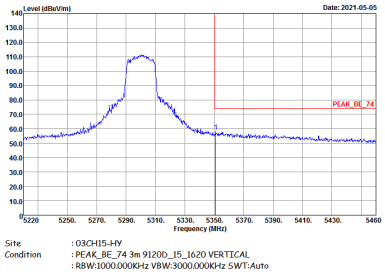
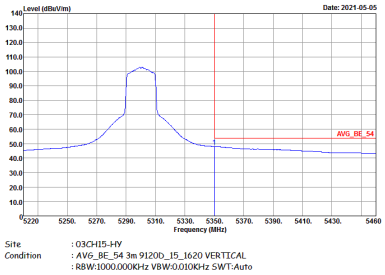
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

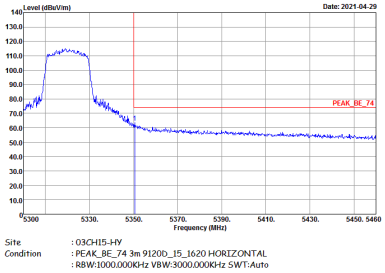
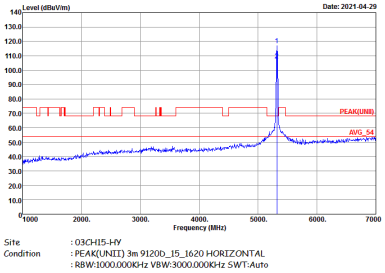
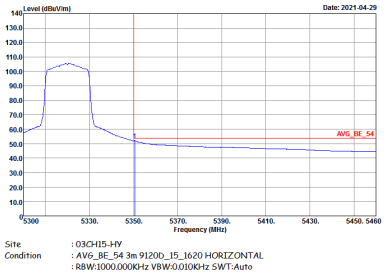
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

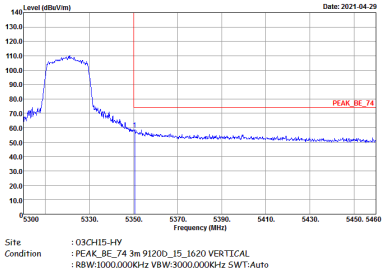
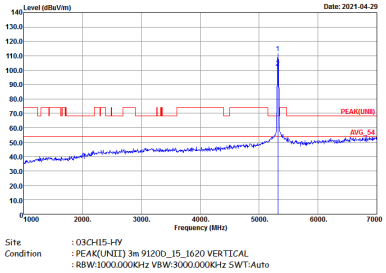
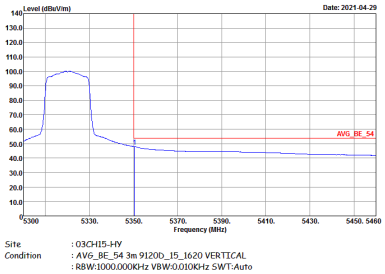
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

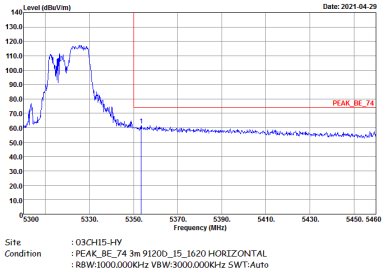
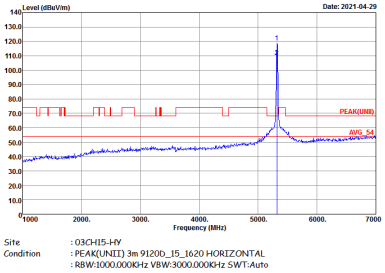
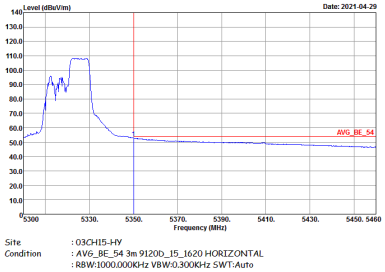
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

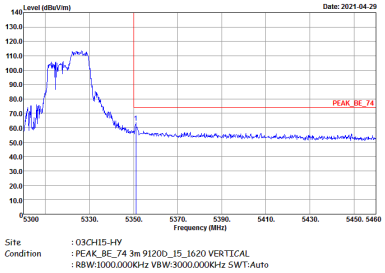
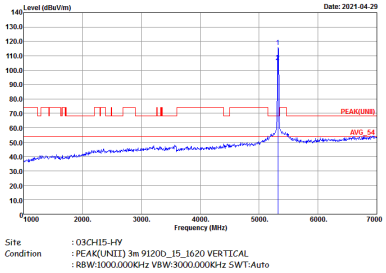
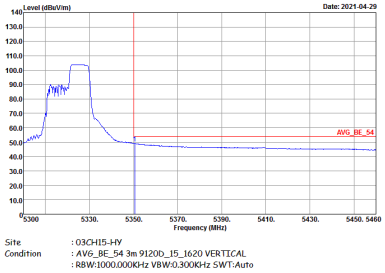
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

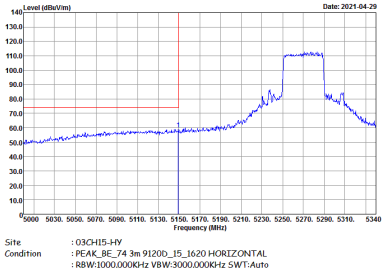
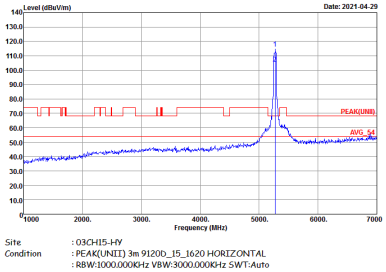
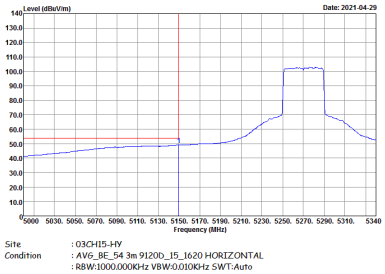
Band 2 - 5250~5350MHz

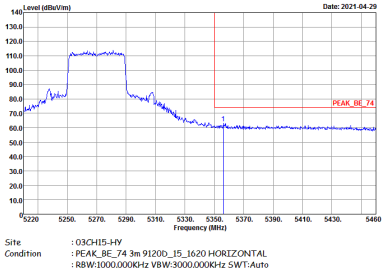
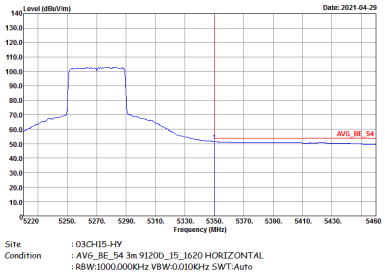
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

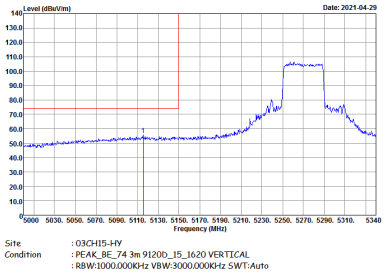
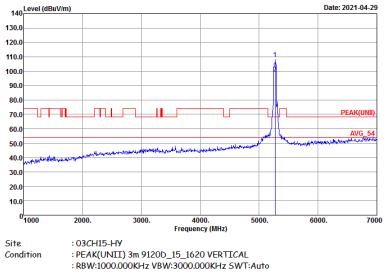
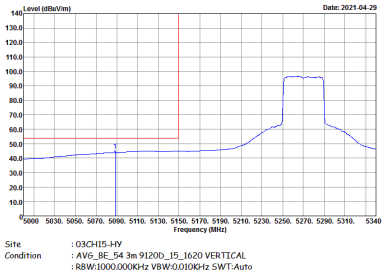
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

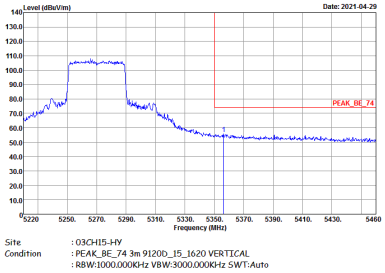
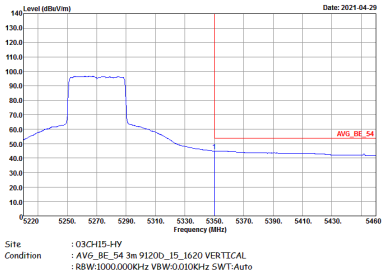
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank