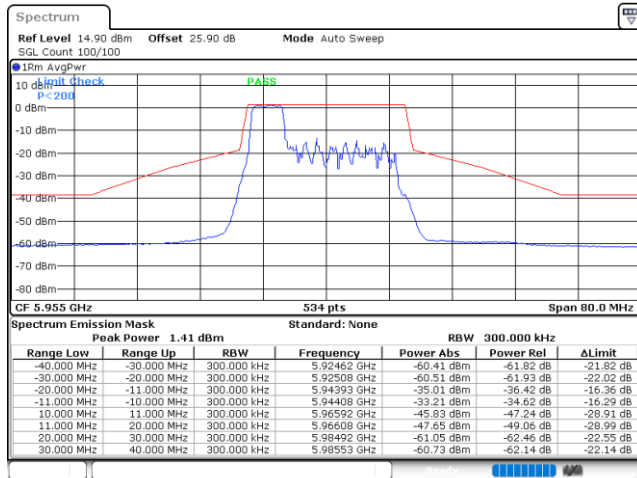




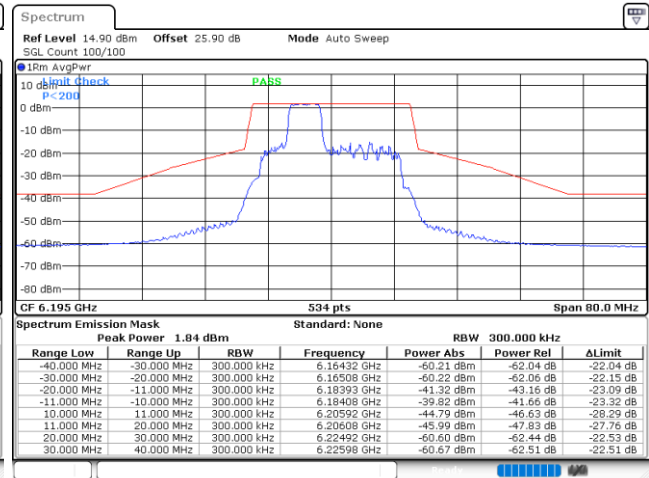
EUT Mode : 802.11ax HE20 52RU

Plot on Channel 5955MHz



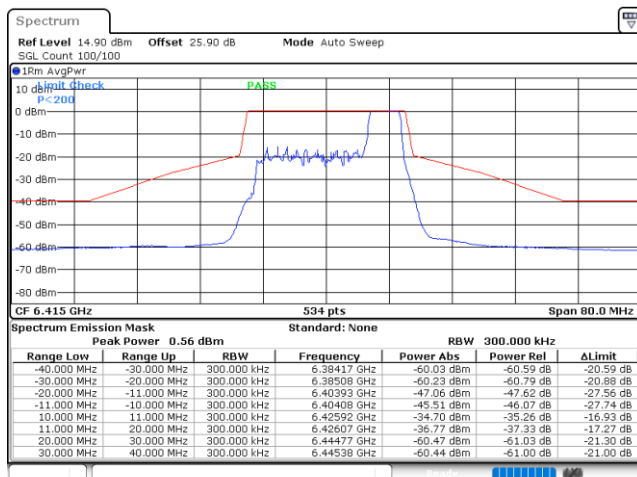
Date: 17.NOV.2022 09:26:05

Plot on Channel 6195MHz



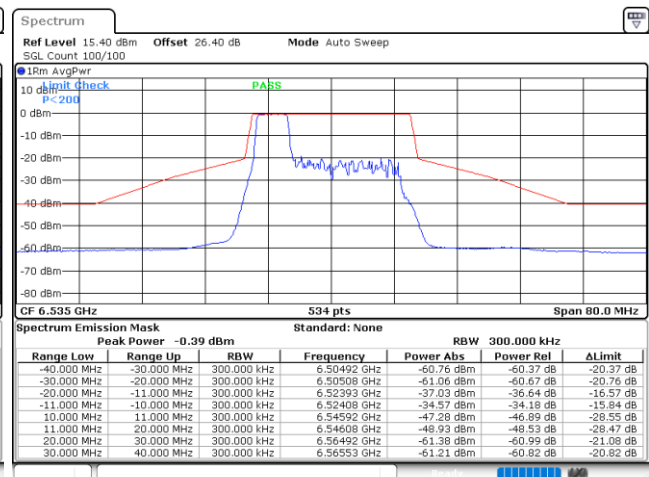
Date: 17.NOV.2022 09:53:04

Plot on Channel 6415MHz



Date: 17.NOV.2022 10:34:55

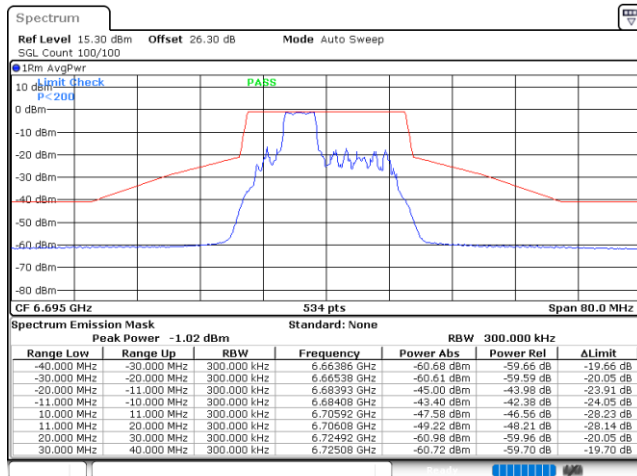
Plot on Channel 6535MHz



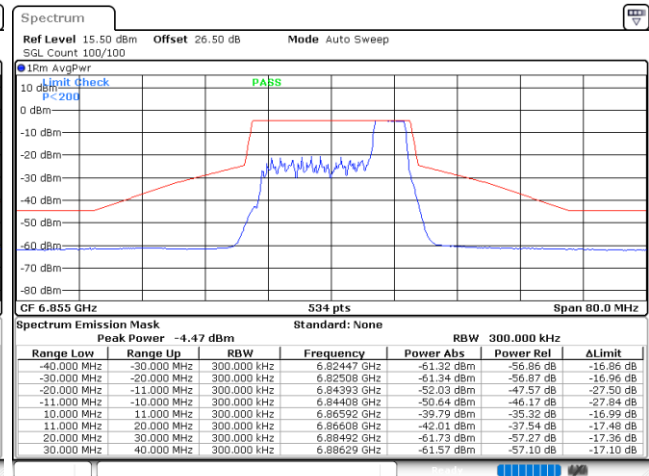
Date: 17.NOV.2022 11:14:14



Plot on Channel 6695MHz



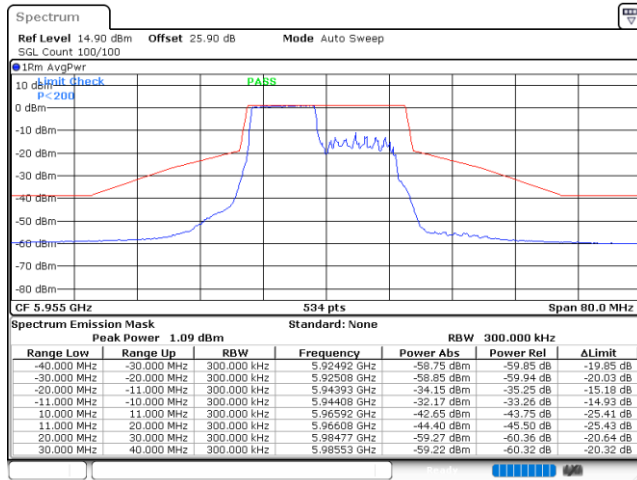
Plot on Channel 6855MHz





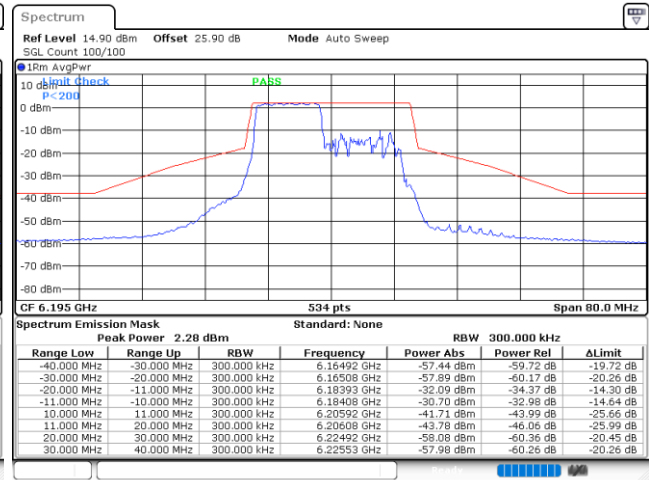
EUT Mode : 802.11ax HE20 106RU

Plot on Channel 5955MHz



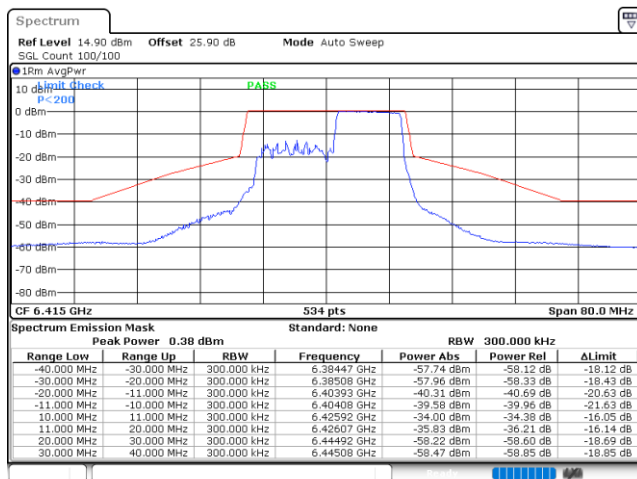
Date: 17.NOV.2022 09:39:21

Plot on Channel 6195MHz



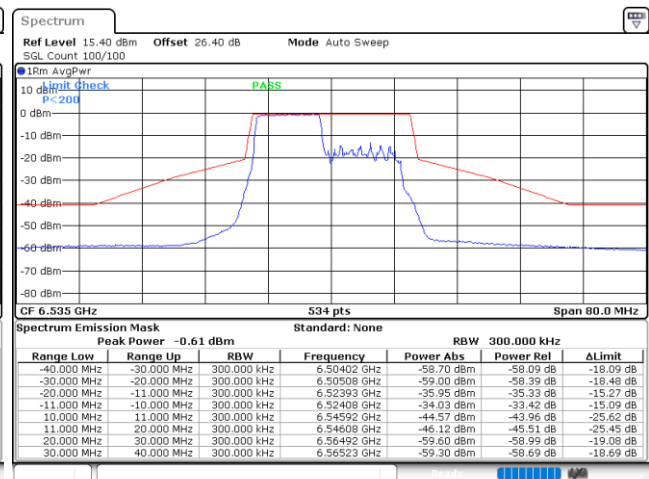
Date: 17.NOV.2022 09:48:03

Plot on Channel 6415MHz



Date: 17.NOV.2022 10:53:15

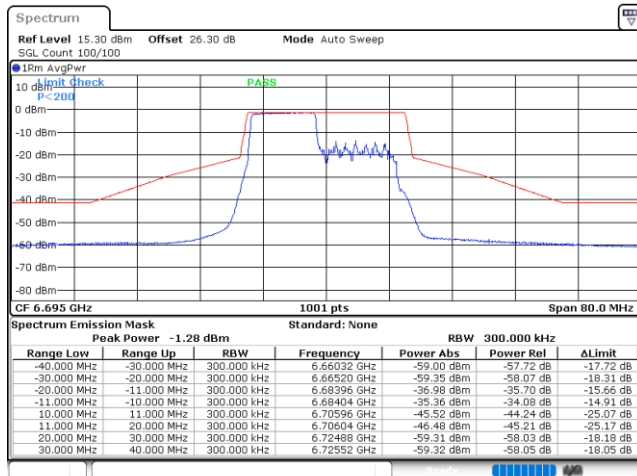
Plot on Channel 6535MHz



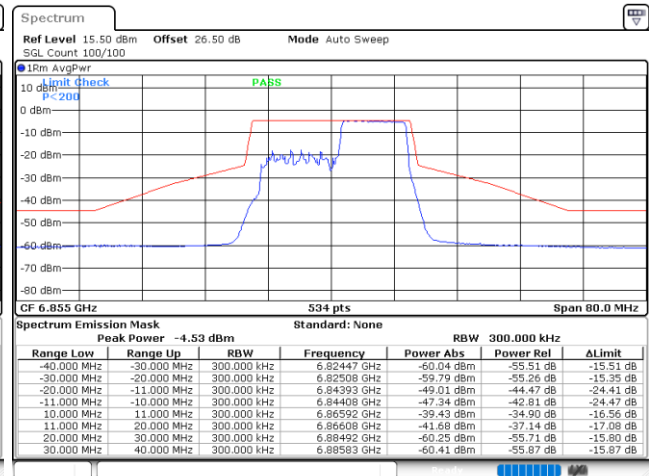
Date: 17.NOV.2022 11:01:14

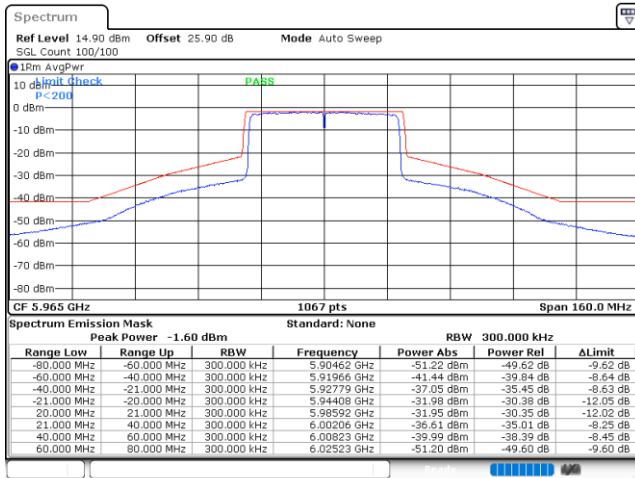
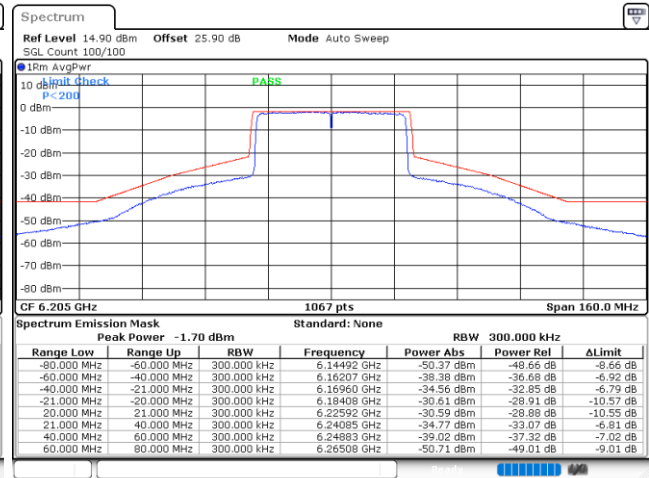
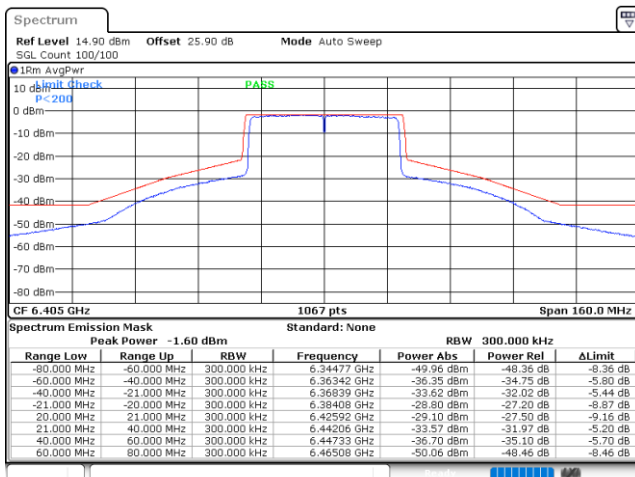
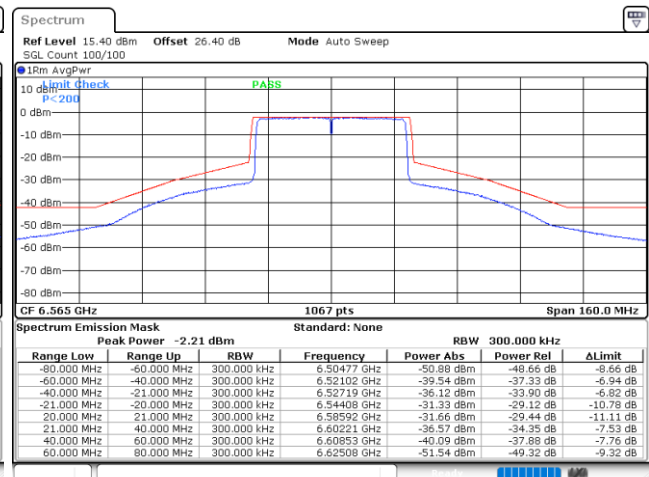


Plot on Channel 6695MHz



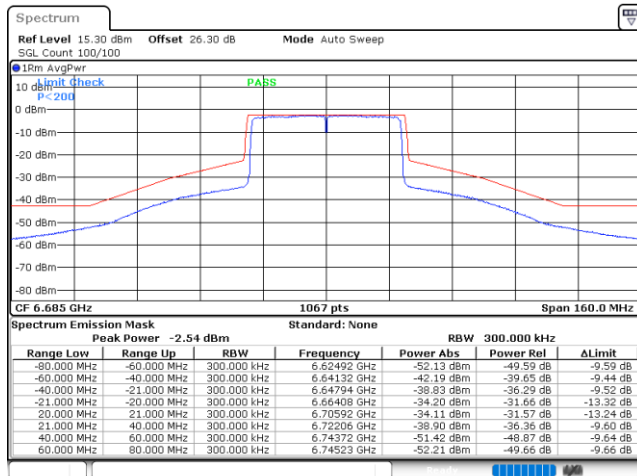
Plot on Channel 6855MHz



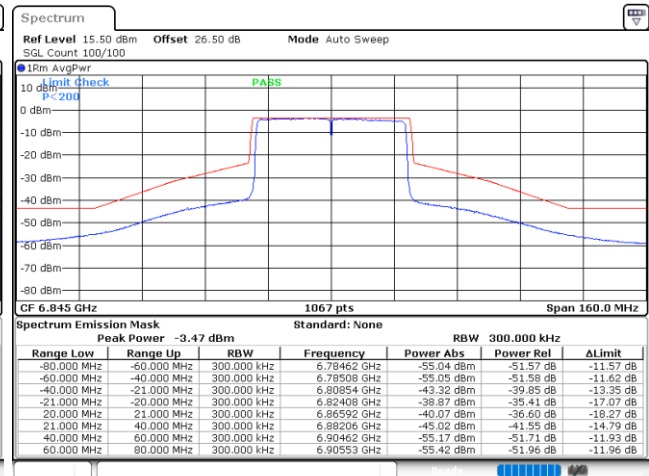
**EUT Mode :** 802.11ax HE40 Full RU**Plot on Channel 5965MHz****Plot on Channel 6205MHz****Plot on Channel 6405MHz****Plot on Channel 6565MHz**

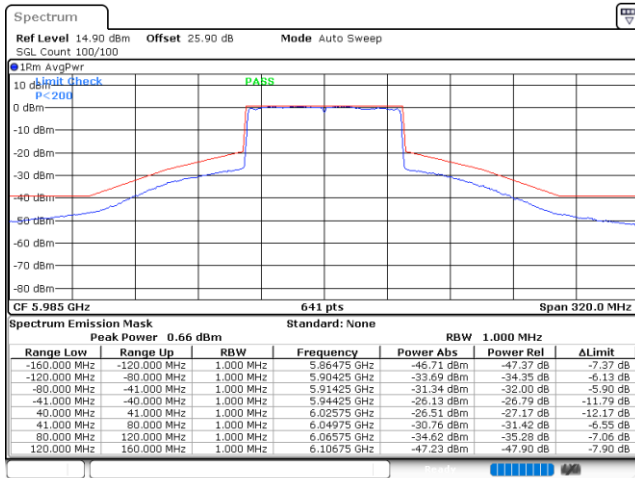
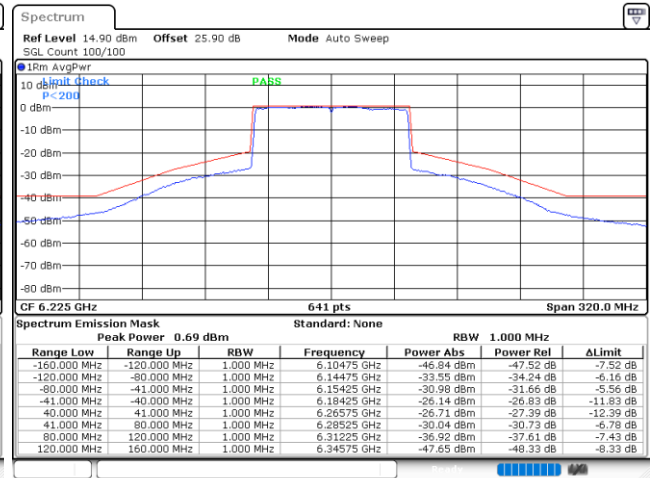
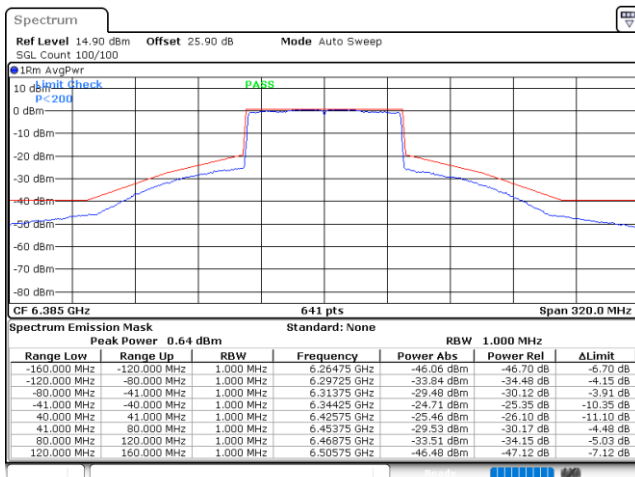
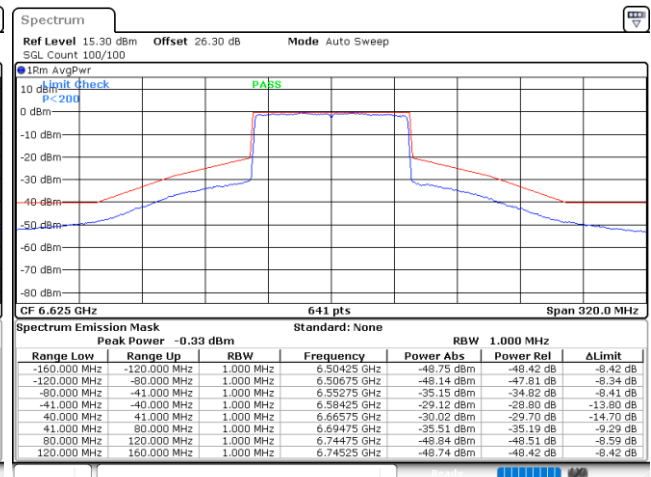


Plot on Channel 6685MHz



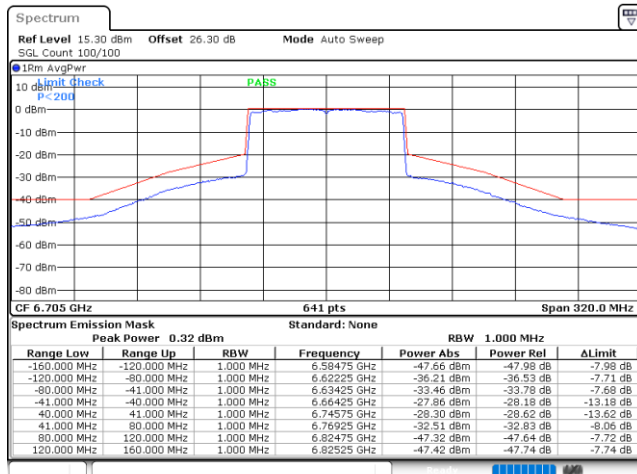
Plot on Channel 6845MHz



**EUT Mode :** 802.11ax HE80 Full RU**Plot on Channel 5985MHz****Plot on Channel 6225MHz****Plot on Channel 6385MHz****Plot on Channel 6625MHz**

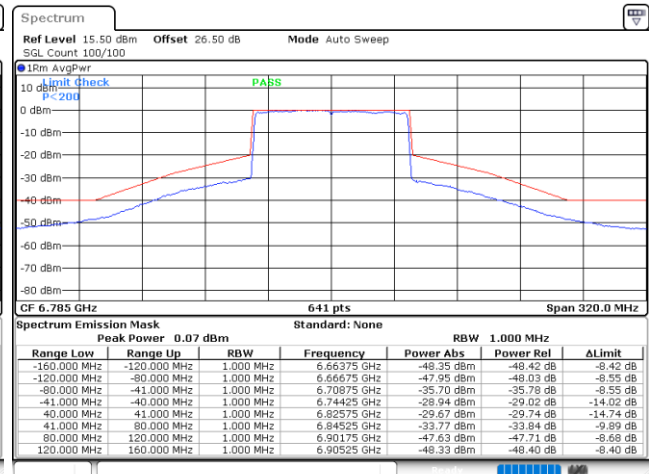


Plot on Channel 6705MHz



Date: 16.NOV.2022 15:29:49

Plot on Channel 6785MHz

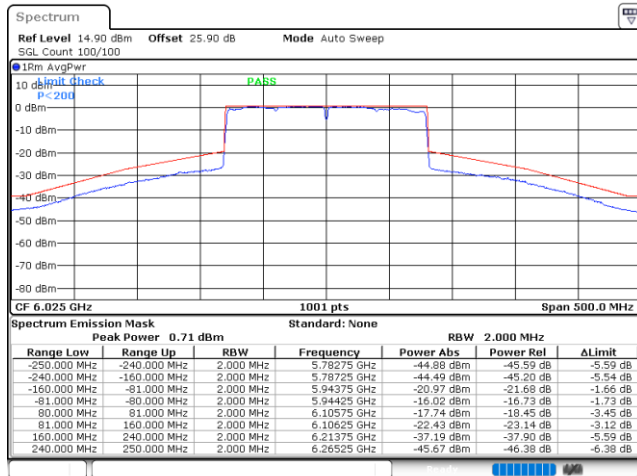


Date: 16.NOV.2022 15:20:41

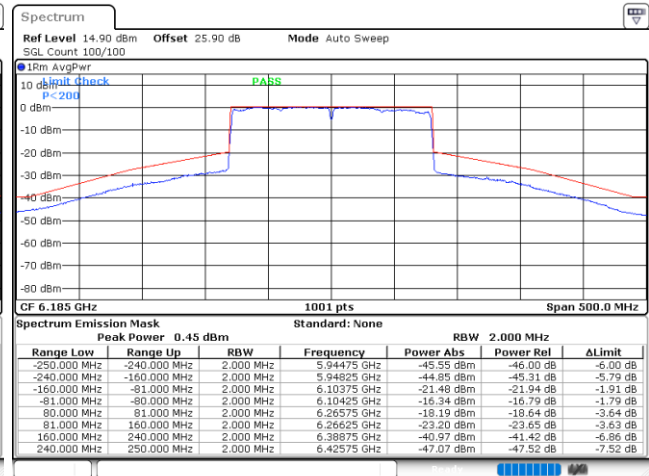


EUT Mode : 802.11ax HE160 Full RU

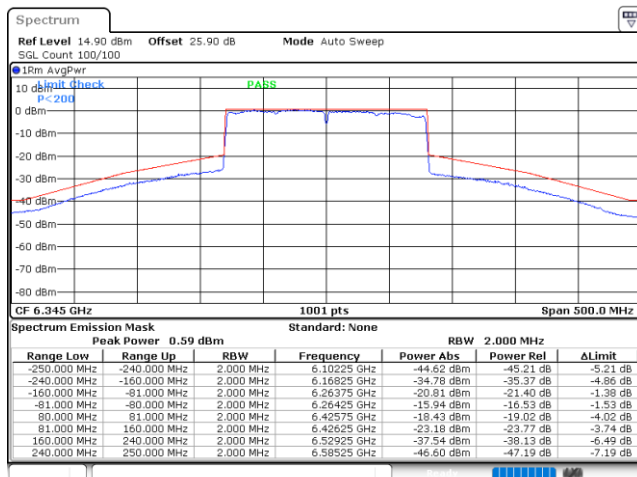
Plot on Channel 6025MHz



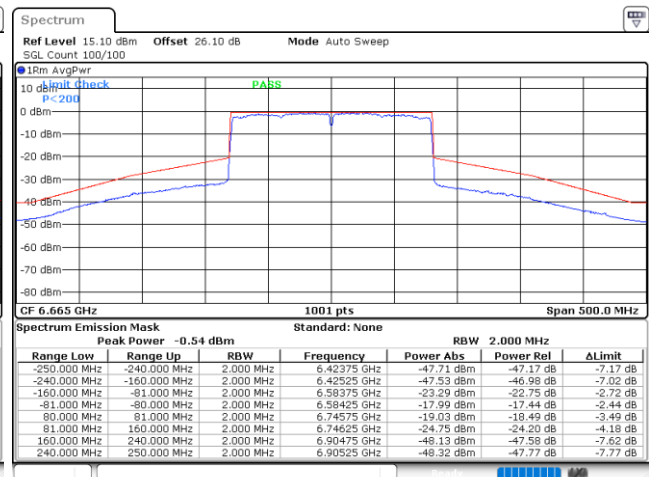
Plot on Channel 6185MHz



Plot on Channel 6345MHz



Plot on Channel 6665MHz



3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

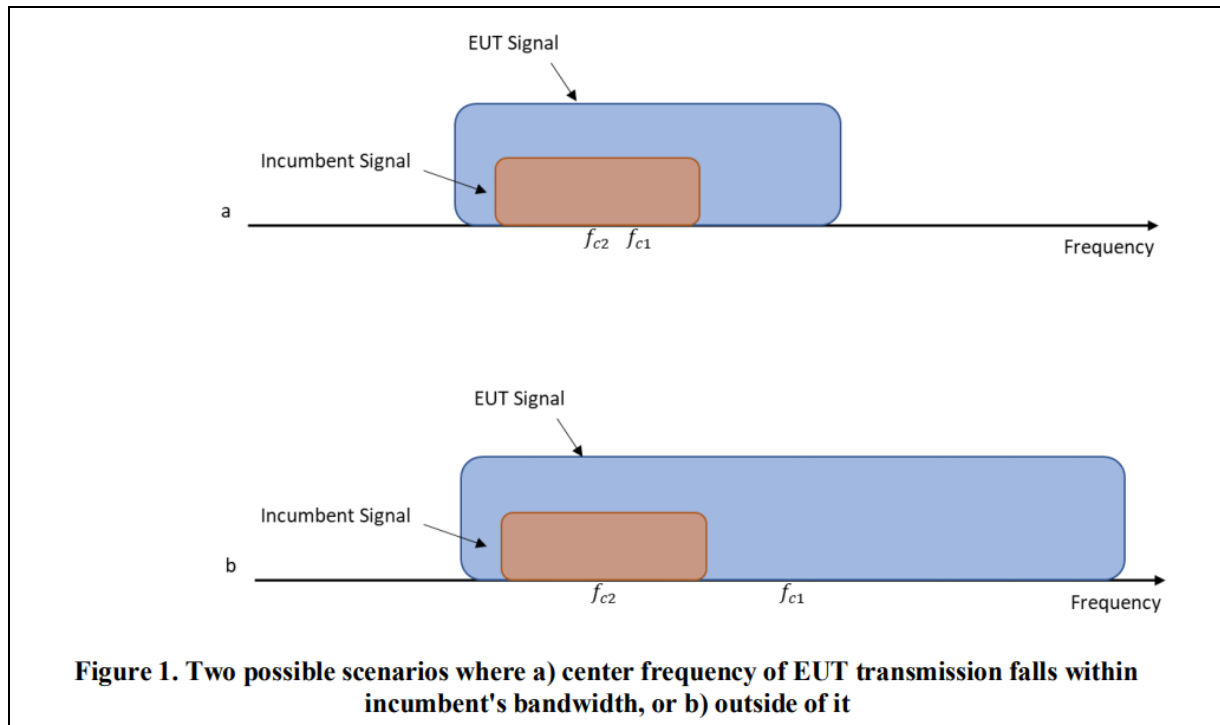
where:

BW_{EUT} : Transmission bandwidth of EUT signal

BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

f_{c1} : Center frequency of EUT transmission

f_{c2} : Center frequency of simulated incumbent signal



3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.

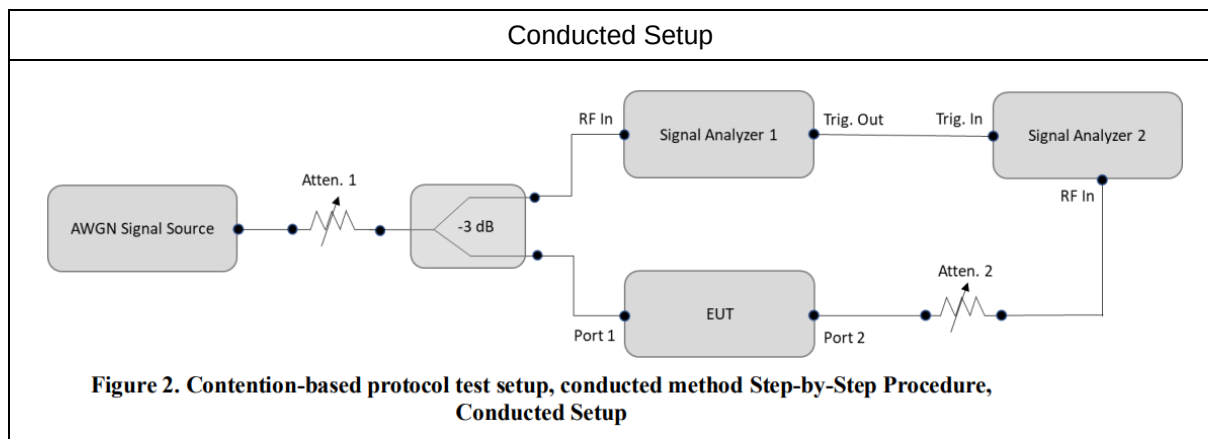
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in test setup Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in test setup Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
12. For the contention-based protocol test where only one channel in each supported sub-band needs to be tested. The narrowest and widest bandwidth in each channel shall be measured EUT was driven in MIMO mode, the interferer level was injected to both chains to monitor the performance, while the interferer level is determined according the lowest antenna gain among both antennas (i.e, lower interferer level).

3.5.4 Test Setup



3.5.5 Support Unit used in test configuration and system

Remark: The CBP test result has been done in the original filing FR161608-03H report.

3.5.6 Test Summary of Contention Based Protocol Test

Remark: The CBP test result has been done in the original filing FR161608-03H report.

3.5.7 Test Plots of Contention Based Protocol Test

Remark: The CBP test result has been done in the original filing FR161608-03H report.

3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (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.

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

3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

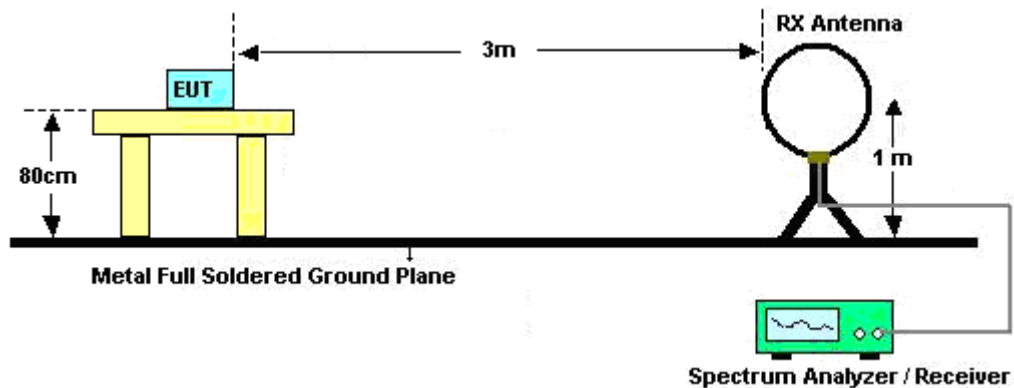
3.6.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is 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 is set 3 meters away from the receiving antenna which is 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 is 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.

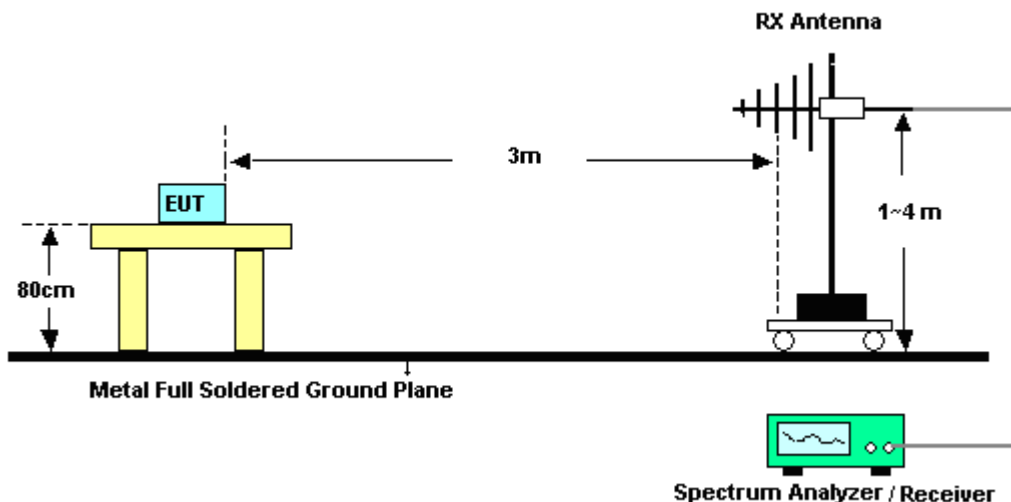
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.6.4 Test Setup

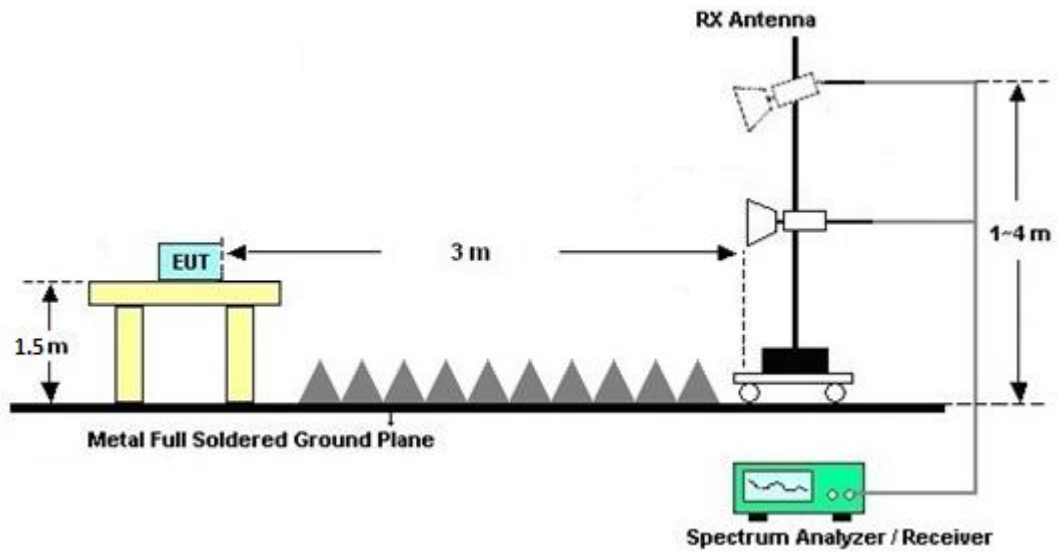
For radiated emissions below 30MHz



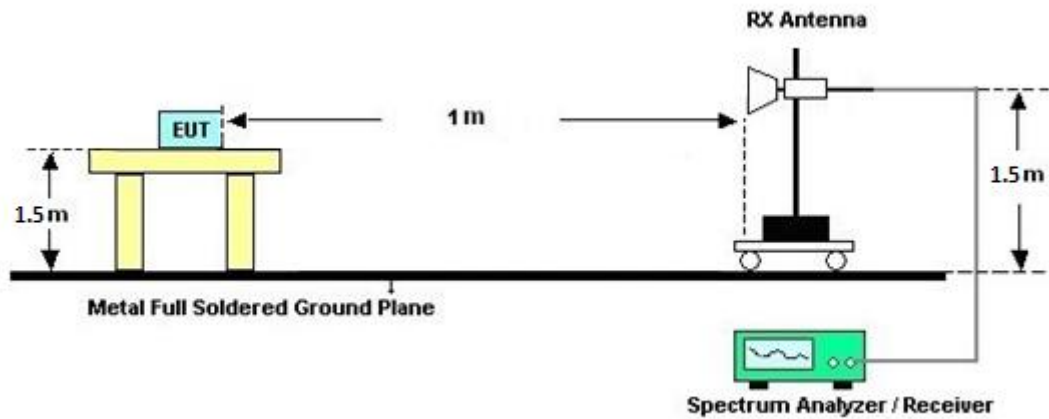
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement 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.

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

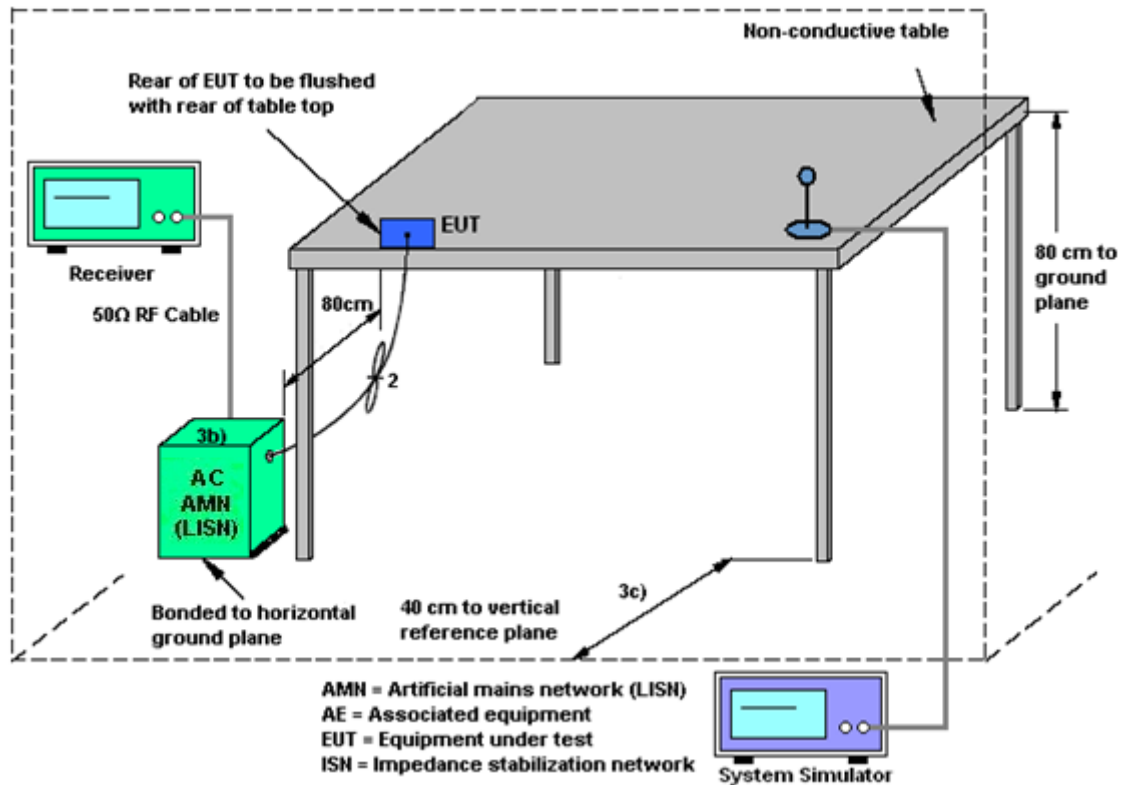
3.7.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.8 Antenna Requirements

3.8.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



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	Sep. 20, 2022	Nov. 07, 2022~ Nov. 15, 2022	Sep. 19, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Nov. 07, 2022~ Nov. 15, 2022	Jun. 27, 2023	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Nov. 07, 2022~ Nov. 15, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 10, 2022	Nov. 07, 2022~ Nov. 15, 2022	Mar. 09, 2023	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 08, 2022	Nov. 07, 2022~ Nov. 15, 2022	Oct. 07, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2021	Nov. 07, 2022~ Nov. 15, 2022	Dec. 14, 2022	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 07, 2022	Nov. 07, 2022~ Nov. 15, 2022	Mar. 06, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	805935/4	N/A	Aug. 09, 2022	Nov. 07, 2022~ Nov. 15, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	802434/4	N/A	Aug. 09, 2022	Nov. 07, 2022~ Nov. 15, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5757	N/A	Aug. 09, 2022	Nov. 07, 2022~ Nov. 15, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 04, 2022	Nov. 07, 2022~ Nov. 15, 2022	Jul. 03, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 27, 2021	Nov. 07, 2022~ Nov. 15, 2022	Dec. 26, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Nov. 07, 2022~ Nov. 15, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 07, 2022~ Nov. 15, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Nov. 07, 2022~ Nov. 15, 2022	N/A	Radiation (03CH16-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Nov. 07, 2022~ Nov. 15, 2022	N/A	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Nov. 07, 2022~ Nov. 15, 2022	N/A	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Oct. 20, 2022~ Oct. 21, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200735	N/A	Mar. 22, 2022	Nov. 15, 2022~ Nov. 17, 2022	Mar. 21, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W #010	RPR6W-2101002(NO:123)	10MHz~8GHz	Jan. 13, 2022	Oct. 20, 2022~ Nov. 17, 2022	Jan. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Oct. 20, 2022~ Nov. 17, 2022	Aug. 02, 2023	Conducted (TH05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 15, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Nov. 15, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201973	N/A	Oct. 22, 2021	Nov. 15, 2021	Oct. 21, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Nov. 15, 2021	Nov. 30, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 15, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Nov. 15, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Nov. 15, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 11, 2021	Dec. 22, 2021~ Dec. 23, 2021	Jan. 10, 2022	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Dec. 22, 2021~ Dec. 23, 2021	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Dec. 22, 2021~ Dec. 23, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	Dec. 22, 2021~ Dec. 23, 2021	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	Dec. 22, 2021~ Dec. 23, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Dec. 22, 2021~ Dec. 23, 2021	Calibration from System	CBP (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ching Chen	Temperature:	21~25	°C
Test Date:	2022/10/20-2022/11/17	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	001	5955	17.93	17.43	31.75	27.35	320.00	Pass
11a	6Mbps	2	049	6195	17.53	17.58	30.65	30.25	320.00	Pass
11a	6Mbps	2	093	6415	17.33	17.43	24.10	30.10	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
11a	6Mbps	2	001	5955	18.80	19.20	22.01	-2.10		19.91	30.00	Pass
11a	6Mbps	2	049	6195	19.00	19.90	22.48	-2.10		20.38	30.00	Pass
11a	6Mbps	2	093	6415	17.90	18.00	20.96	-2.10		18.86	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	001	5955	0.30	0.30			9.79	0.52	10.31	17.00	Pass	
11a	6Mbps	2	049	6195	0.30	0.30			10.13	0.52	10.65	17.00	Pass	
11a	6Mbps	2	093	6415	0.30	0.30			8.92	0.52	9.44	17.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	N	TX CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	117	6535	17.23	17.13	21.75	22.25	320.00	Pass
11a	6Mbps	2	149	6695	17.18	17.08	21.75	21.80	320.00	Pass
11a	6Mbps	2	181	6855	17.08	16.93	21.55	21.45	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
11a	6Mbps	2	117	6535	17.20	18.00	20.63	-5.60		15.03	30.00	Pass
11a	6Mbps	2	149	6695	16.70	17.50	20.13	-5.60		14.53	30.00	Pass
11a	6Mbps	2	181	6855	15.40	14.40	17.94	-5.60		12.34	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	117	6535	0.30	0.30			8.65	-2.64		6.01	17.00	Pass
11a	6Mbps	2	149	6695	0.30	0.30			8.19	-2.64		5.55	17.00	Pass
11a	6Mbps	2	181	6855	0.30	0.30			5.98	-2.64		3.34	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	001	5955	Full	19.38	19.33	34.55	30.35	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.33	19.38	31.90	32.25	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.28	19.33	25.50	26.55	320.00	Pass
HE40	MCS0	2	003	5965	Full	38.16	37.96	50.85	43.11	320.00	Pass
HE40	MCS0	2	051	6205	Full	38.06	38.06	39.87	47.70	320.00	Pass
HE40	MCS0	2	091	6405	Full	37.96	38.06	40.41	46.53	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.20	77.32	104.16	91.20	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.20	77.32	82.24	95.20	320.00	Pass
HE80	MCS0	2	087	6385	Full	76.96	77.08	82.56	95.20	320.00	Pass
HE160	MCS0	2	015	6025	Full	157.04	157.28	247.04	240.32	320.00	Pass
HE160	MCS0	2	047	6185	Full	156.80	157.28	240.96	201.92	320.00	Pass
HE160	MCS0	2	079	6345	Full	157.04	157.52	236.16	256.64	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	18.80	19.50	22.17	-2.10		20.07	30.00	Pass
HE20	MCS0	2	001	5955	26/0	9.30	9.50	12.41	-2.10		10.31	30.00	Pass
HE20	MCS0	2	001	5955	52/37	11.90	12.80	15.38	-2.10		13.28	30.00	Pass
HE20	MCS0	2	001	5955	106/53	14.90	15.70	18.33	-2.10		16.23	30.00	Pass
HE20	MCS0	2	049	6195	Full	19.30	20.00	22.67	-2.10		20.57	30.00	Pass
HE20	MCS0	2	049	6195	26/4	10.10	11.40	13.81	-2.10		11.71	30.00	Pass
HE20	MCS0	2	049	6195	52/38	12.10	13.20	15.70	-2.10		13.60	30.00	Pass
HE20	MCS0	2	049	6195	106/53	15.00	16.70	18.94	-2.10		16.84	30.00	Pass
HE20	MCS0	2	093	6415	Full	17.80	18.50	21.17	-2.10		19.07	30.00	Pass
HE20	MCS0	2	093	6415	26/8	8.20	8.80	11.52	-2.10		9.42	30.00	Pass
HE20	MCS0	2	093	6415	52/40	11.20	11.90	14.57	-2.10		12.47	30.00	Pass
HE20	MCS0	2	093	6415	106/54	13.70	14.80	17.30	-2.10		15.20	30.00	Pass
HE40	MCS0	2	003	5965	Full	18.50	18.80	21.66	-2.10		19.56	30.00	Pass
HE40	MCS0	2	051	6205	Full	18.00	18.80	21.43	-2.10		19.33	30.00	Pass
HE40	MCS0	2	091	6405	Full	18.00	18.90	21.48	-2.10		19.38	30.00	Pass
HE80	MCS0	2	007	5985	Full	18.20	19.00	21.63	-2.10		19.53	30.00	Pass
HE80	MCS0	2	055	6225	Full	17.80	18.80	21.34	-2.10		19.24	30.00	Pass
HE80	MCS0	2	087	6385	Full	18.30	19.00	21.67	-2.10		19.57	30.00	Pass
HE160	MCS0	2	015	6025	Full	18.30	19.00	21.67	-2.10		19.57	30.00	Pass
HE160	MCS0	2	047	6185	Full	18.20	18.90	21.57	-2.10		19.47	30.00	Pass
HE160	MCS0	2	079	6345	Full	18.10	18.90	21.53	-2.10		19.43	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	0.18	0.18			9.78	0.52		10.30	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.50	0.49			9.58	0.52		10.10	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.52	0.52			9.46	0.52		9.98	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.58	0.60			9.51	0.52		10.02	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.18	0.18			10.19	0.52		10.71	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.50	0.49			9.80	0.52		10.32	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.52	0.52			9.91	0.52		10.43	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.58	0.60			9.97	0.52		10.49	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.18	0.18			8.75	0.52		9.27	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.50	0.49			8.54	0.52		9.06	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.52	0.52			8.74	0.52		9.26	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.58	0.60			8.46	0.52		8.98	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.41	0.41			6.54	0.52		7.06	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.41	0.41			6.29	0.52		6.81	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.41	0.41			6.48	0.52		7.00	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.43	0.43			3.84	0.52		4.36	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.43	0.43			3.61	0.52		4.13	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.43	0.43			3.83	0.52		4.35	17.00	Pass
HE160	MCS0	2	015	6025	Full	0.70	0.66			1.08	0.52		1.60	17.00	Pass
HE160	MCS0	2	047	6185	Full	0.70	0.66			0.97	0.52		1.49	17.00	Pass
HE160	MCS0	2	079	6345	Full	0.70	0.66			0.96	0.52		1.48	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	117	6535	Full	19.23	19.18	23.25	22.30	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.18	19.18	21.75	21.70	320.00	Pass
HE20	MCS0	2	181	6855	Full	19.18	19.13	21.70	21.60	320.00	Pass
HE40	MCS0	2	123	6565	Full	37.96	38.06	40.14	41.04	320.00	Pass
HE40	MCS0	2	147	6685	Full	37.96	37.96	39.96	40.32	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.06	37.86	40.95	39.78	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.20	77.20	82.40	91.04	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.20	77.20	81.28	82.08	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.20	77.20	88.32	82.08	320.00	Pass
HE160	MCS0	2	143	6665	Full	157.04	156.80	186.88	191.68	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	17.50	18.20	20.87	-5.60		15.27	30.00	Pass
HE20	MCS0	2	117	6535	26/0	7.30	7.90	10.62	-5.60		5.02	30.00	Pass
HE20	MCS0	2	117	6535	52/37	9.90	10.90	13.44	-5.60		7.84	30.00	Pass
HE20	MCS0	2	117	6535	106/53	12.80	13.90	16.40	-5.60		10.80	30.00	Pass
HE20	MCS0	2	149	6695	Full	17.10	17.70	20.42	-5.60		14.82	30.00	Pass
HE20	MCS0	2	149	6695	26/4	7.50	8.20	10.87	-5.60		5.27	30.00	Pass
HE20	MCS0	2	149	6695	52/38	9.60	10.30	12.97	-5.60		7.37	30.00	Pass
HE20	MCS0	2	149	6695	106/53	12.40	13.30	15.88	-5.60		10.28	30.00	Pass
HE20	MCS0	2	181	6855	Full	15.20	14.40	17.83	-5.60		12.23	30.00	Pass
HE20	MCS0	2	181	6855	26/8	5.20	5.30	8.26	-5.60		2.66	30.00	Pass
HE20	MCS0	2	181	6855	52/40	7.90	7.50	10.71	-5.60		5.11	30.00	Pass
HE20	MCS0	2	181	6855	106/54	10.60	10.20	13.41	-5.60		7.81	30.00	Pass
HE40	MCS0	2	123	6565	Full	18.30	18.30	21.31	-5.60		15.71	30.00	Pass
HE40	MCS0	2	147	6685	Full	17.50	18.10	20.82	-5.60		15.22	30.00	Pass
HE40	MCS0	2	179	6845	Full	17.80	16.90	20.38	-5.60		14.78	30.00	Pass
HE80	MCS0	2	135	6625	Full	17.70	18.00	20.86	-5.60		15.26	30.00	Pass
HE80	MCS0	2	151	6705	Full	18.50	18.70	21.61	-5.60		16.01	30.00	Pass
HE80	MCS0	2	167	6785	Full	18.70	18.40	21.56	-5.60		15.96	30.00	Pass
HE160	MCS0	2	143	6665	Full	18.10	18.00	21.06	-5.60		15.46	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	0.18	0.18			7.90	-2.64	5.26	17.00	Pass	
HE20	MCS0	2	117	6535	26/0	0.50	0.49			7.75	-2.64	5.11	17.00	Pass	
HE20	MCS0	2	117	6535	52/37	0.52	0.52			7.82	-2.64	5.18	17.00	Pass	
HE20	MCS0	2	117	6535	106/53	0.58	0.60			7.61	-2.64	4.97	17.00	Pass	
HE20	MCS0	2	149	6695	Full	0.18	0.18			7.29	-2.64	4.65	17.00	Pass	
HE20	MCS0	2	149	6695	26/4	0.50	0.49			7.02	-2.64	4.38	17.00	Pass	
HE20	MCS0	2	149	6695	52/38	0.52	0.52			7.17	-2.64	4.53	17.00	Pass	
HE20	MCS0	2	149	6695	106/53	0.58	0.60			7.09	-2.64	4.45	17.00	Pass	
HE20	MCS0	2	181	6855	Full	0.18	0.18			4.85	-2.64	2.21	17.00	Pass	
HE20	MCS0	2	181	6855	26/8	0.50	0.49			4.48	-2.64	1.84	17.00	Pass	
HE20	MCS0	2	181	6855	52/40	0.52	0.52			3.86	-2.64	1.22	17.00	Pass	
HE20	MCS0	2	181	6855	106/54	0.58	0.60			4.84	-2.64	2.20	17.00	Pass	
HE40	MCS0	2	123	6565	Full	0.41	0.41			6.37	-2.64	3.73	17.00	Pass	
HE40	MCS0	2	147	6685	Full	0.41	0.41			5.92	-2.64	3.28	17.00	Pass	
HE40	MCS0	2	179	6845	Full	0.41	0.41			5.50	-2.64	2.86	17.00	Pass	
HE80	MCS0	2	135	6625	Full	0.43	0.43			2.88	-2.64	0.24	17.00	Pass	
HE80	MCS0	2	151	6705	Full	0.43	0.43			3.57	-2.64	0.93	17.00	Pass	
HE80	MCS0	2	167	6785	Full	0.43	0.43			3.91	-2.64	1.27	17.00	Pass	
HE160	MCS0	2	143	6665	Full	0.70	0.66			0.05	-2.64	-2.59	17.00	Pass	



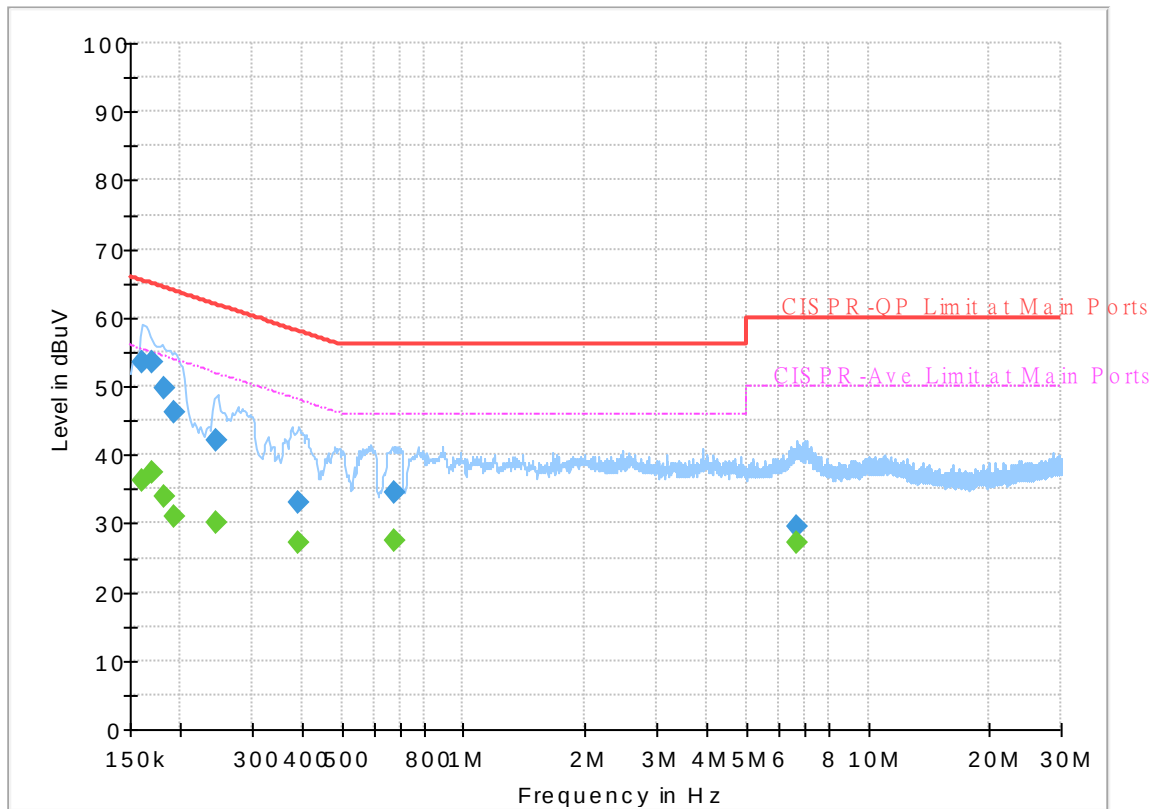
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



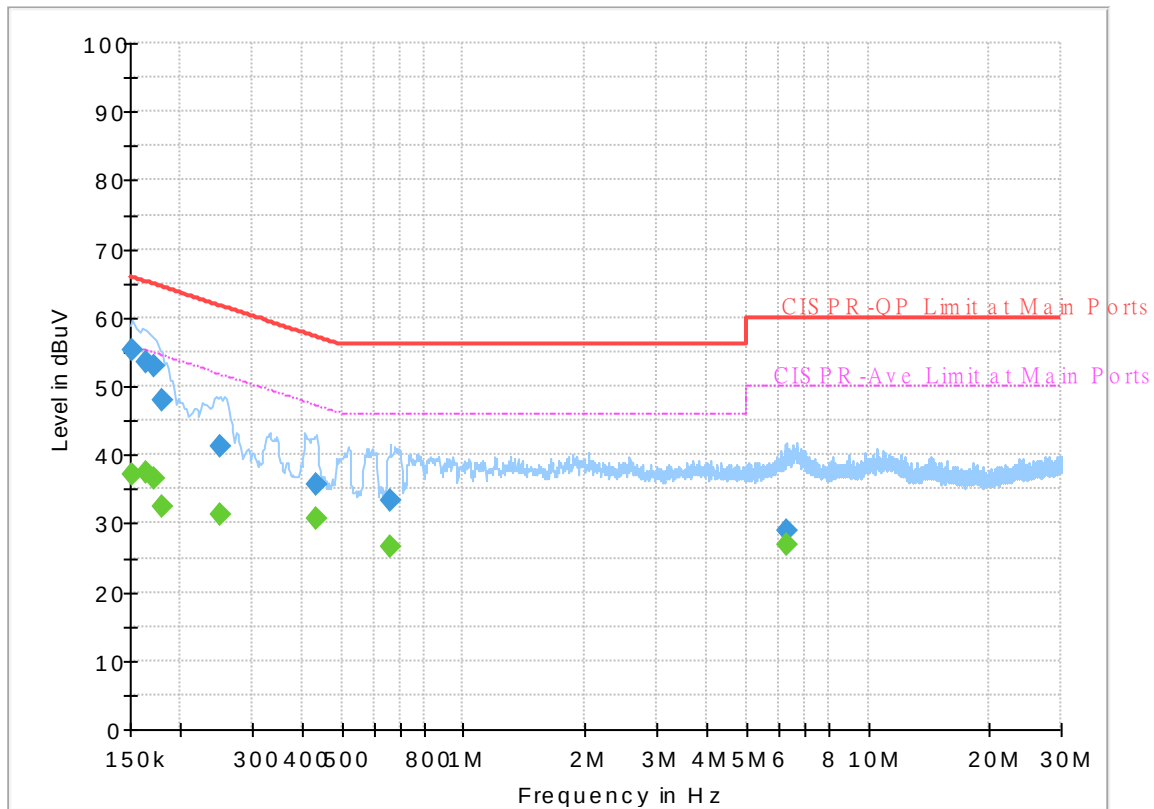
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	36.34	55.40	19.06	L1	OFF	19.7
0.161250	53.46	---	65.40	11.94	L1	OFF	19.7
0.170250	---	37.51	54.95	17.44	L1	OFF	19.7
0.170250	53.51	---	64.95	11.44	L1	OFF	19.7
0.181500	---	34.03	54.42	20.39	L1	OFF	19.7
0.181500	49.69	---	64.42	14.73	L1	OFF	19.7
0.192750	---	30.99	53.92	22.93	L1	OFF	19.7
0.192750	46.17	---	63.92	17.75	L1	OFF	19.7
0.244500	---	30.19	51.94	21.75	L1	OFF	19.7
0.244500	42.02	---	61.94	19.92	L1	OFF	19.7
0.390750	---	27.10	48.05	20.95	L1	OFF	19.7
0.390750	32.99	---	58.05	25.06	L1	OFF	19.7
0.676500	---	27.41	46.00	18.59	L1	OFF	20.0
0.676500	34.51	---	56.00	21.49	L1	OFF	20.0
6.690750	---	27.20	50.00	22.80	L1	OFF	20.1
6.690750	29.57	---	60.00	30.43	L1	OFF	20.1

EUT Information

Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	37.17	55.88	18.71	N	OFF	19.7
0.152250	55.26	---	65.88	10.62	N	OFF	19.7
0.163500	---	37.51	55.28	17.77	N	OFF	19.7
0.163500	53.51	---	65.28	11.77	N	OFF	19.7
0.172500	---	36.68	54.84	18.16	N	OFF	19.7
0.172500	52.97	---	64.84	11.87	N	OFF	19.7
0.179250	---	32.56	54.52	21.96	N	OFF	19.7
0.179250	47.85	---	64.52	16.67	N	OFF	19.7
0.251250	---	31.32	51.72	20.40	N	OFF	19.7
0.251250	41.15	---	61.72	20.57	N	OFF	19.7
0.433500	---	30.63	47.19	16.56	N	OFF	19.7
0.433500	35.80	---	57.19	21.39	N	OFF	19.7
0.658500	---	26.57	46.00	19.43	N	OFF	20.0
0.658500	33.39	---	56.00	22.61	N	OFF	20.0
6.263250	---	26.87	50.00	23.13	N	OFF	20.1
6.263250	29.07	---	60.00	30.93	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Karl Hou and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5921.64	63.36	-24.84	88.2	46.82	34.3	11.89	29.65	100	352	P	H
		5925	52.36	-15.84	68.2	35.82	34.3	11.89	29.65	100	352	A	H
	*	5955	113.97	-	-	97.42	34.28	11.92	29.65	100	352	P	H
	*	5955	106.67	-	-	90.12	34.28	11.92	29.65	100	352	A	H
													H
													H
		5922.92	58.08	-30.12	88.2	41.54	34.3	11.89	29.65	267	360	P	V
		5924.84	47.34	-20.86	68.2	30.8	34.3	11.89	29.65	267	360	A	V
	*	5955	106.75	-	-	90.2	34.28	11.92	29.65	267	360	P	V
	*	5955	98.61	-	-	82.06	34.28	11.92	29.65	267	360	A	V
													V
													V



802.11a CH 49 6195MHz		5914.2	56.31	-31.89	88.2	39.76	34.3	11.89	29.64	100	348	P	H
		5869.575	45	-23.2	68.2	28.61	34.18	11.85	29.64	100	348	A	H
	*	6195	112.16	-	-	95.55	34.2	12.19	29.78	100	348	P	H
	*	6195	104.22	-	-	87.61	34.2	12.19	29.78	100	348	A	H
													H
													H
		5923.125	54.92	-33.28	88.2	38.38	34.3	11.89	29.65	300	3	P	V
		5858.1	44.48	-23.72	68.2	28.14	34.13	11.84	29.63	300	3	A	V
	*	6195	103.35	-	-	86.74	34.2	12.19	29.78	300	3	P	V
	*	6195	96.22	-	-	79.61	34.2	12.19	29.78	300	3	A	V
													V
													V
802.11a CH 93 6415MHz		5892.07	56.42	-31.78	88.2	39.92	34.27	11.87	29.64	100	339	P	H
		5875.3	44.68	-23.52	68.2	28.26	34.2	11.86	29.64	100	339	A	H
	*	6415	108.46	-	-	91.22	34.86	12.31	29.93	100	339	P	H
	*	6415	101.2	-	-	83.96	34.86	12.31	29.93	100	339	A	H
													H
													H
		5849.5	54.86	-33.34	88.2	38.55	34.1	11.84	29.63	248	360	P	V
		5843.695	44.56	-23.64	68.2	28.29	34.07	11.83	29.63	248	360	A	V
	*	6415	100.72	-	-	83.48	34.86	12.31	29.93	248	360	P	V
	*	6415	92.72	-	-	75.48	34.86	12.31	29.93	248	360	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 01 5955MHz		11910	61.04	-12.96	74	70.75	38.83	17.67	66.21	199	296	P	H
		11910	50.62	-3.38	54	60.33	38.83	17.67	66.21	199	296	A	H
		17865	56.59	-17.41	74	58.27	41.85	21.78	65.31	254	30	P	H
		17865	45.36	-8.64	54	47.04	41.85	21.78	65.31	254	30	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		11910	56.92	-17.08	74	66.63	38.83	17.67	66.21	292	331	P	V
		11910	47	-7	54	56.71	38.83	17.67	66.21	292	331	A	V
		17865	56.43	-17.57	74	58.11	41.85	21.78	65.31	210	23	P	V
		17865	43.96	-10.04	54	45.64	41.85	21.78	65.31	210	23	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 49 6195MHz		12390	59.61	-14.39	74	68.34	39.11	18.07	65.91	350	344	P	H
		12390	49.59	-4.41	54	58.32	39.11	18.07	65.91	350	344	A	H
		18585	58.8	-15.2	74	79.46	37.97	-3.08	55.55	150	31	P	H
		18585	43.68	-10.32	54	64.34	37.97	-3.08	55.55	150	31	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		12390	55.24	-18.76	74	63.97	39.11	18.07	65.91	248	346	P	V
		12390	45.47	-8.53	54	54.2	39.11	18.07	65.91	248	346	A	V
		18585	57.49	-16.51	74	78.15	37.97	-3.08	55.55	150	22	P	V
		18585	43.08	-10.92	54	63.74	37.97	-3.08	55.55	150	22	A	V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 93 6415MHz		12830	54.99	-33.21	88.2	62.43	39.83	18.45	65.72	-	-	P	H
		19245	63.45	-10.55	74	83.38	38.1	-2.83	55.2	150	344	P	H
		19245	50.09	-3.91	54	70.02	38.1	-2.83	55.2	150	344	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		12830	51.77	-36.43	88.2	59.21	39.83	18.45	65.72	-	-	P	V
		19245	58.3	-15.7	74	78.23	38.1	-2.83	55.2	150	17	P	V
		19245	44.19	-9.81	54	64.12	38.1	-2.83	55.2	150	17	A	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 5 5925~6425MHz****WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 01 5955MHz		5923.88	64.28	-23.92	88.2	47.74	34.3	11.89	29.65	100	350	P	H
		5924.84	53.22	-14.98	68.2	36.68	34.3	11.89	29.65	100	350	A	H
	*	5955	113.59	-	-	97.04	34.28	11.92	29.65	100	350	P	H
	*	5955	103.79	-	-	87.24	34.28	11.92	29.65	100	350	A	H
													H
													H
		5925.16	57.01	-92.99	150	40.47	34.3	11.89	29.65	349	359	P	V
		5925	47.92	-20.28	68.2	31.38	34.3	11.89	29.65	349	359	A	V
	*	5955	108.76	-	-	92.21	34.28	11.92	29.65	349	359	P	V
	*	5955	97.17	-	-	80.62	34.28	11.92	29.65	349	359	A	V
													V
													V



802.11ax HE20 Full CH 49 6195MHz		5819.85	54.69	-33.51	88.2	38.53	33.98	11.81	29.63	100	343	P	H
		5921.85	45.14	-23.06	68.2	28.6	34.3	11.89	29.65	100	343	A	H
	*	6195	111.73	-	-	95.12	34.2	12.19	29.78	100	343	P	H
	*	6195	101.83	-	-	85.22	34.2	12.19	29.78	100	343	A	H
													H
													H
		5920.15	55.04	-33.16	88.2	38.5	34.3	11.89	29.65	327	360	P	V
		5909.95	44.63	-23.57	68.2	28.09	34.3	11.88	29.64	327	360	A	V
	*	6195	104.06	-	-	87.45	34.2	12.19	29.78	327	360	P	V
	*	6195	93.88	-	-	77.27	34.2	12.19	29.78	327	360	A	V
													V
													V
802.11ax HE20 Full CH 93 6415MHz		5871.43	55.69	-32.51	88.2	39.29	34.19	11.85	29.64	105	340	P	H
		5859.175	44.85	-23.35	68.2	28.5	34.14	11.84	29.63	105	340	A	H
	*	6415	108.93	-	-	91.69	34.86	12.31	29.93	105	340	P	H
	*	6415	98.58	-	-	81.34	34.86	12.31	29.93	105	340	A	H
													H
													H
		5874.655	55.54	-32.66	88.2	39.12	34.2	11.86	29.64	356	352	P	V
		5827.57	44.52	-23.68	68.2	28.32	34.01	11.82	29.63	356	352	A	V
	*	6415	99.67	-	-	82.43	34.86	12.31	29.93	356	352	P	V
	*	6415	91.82	-	-	74.58	34.86	12.31	29.93	356	352	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 01 5955MHz		11910	60.49	-13.51	74	70.2	38.83	17.67	66.21	199	296	P	H
		11910	50.46	-3.54	54	60.17	38.83	17.67	66.21	199	296	A	H
		17865	54.58	-19.42	74	56.26	41.85	21.78	65.31	199	28	P	H
		17865	43.87	-10.13	54	45.55	41.85	21.78	65.31	199	28	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11910	56.11	-17.89	74	65.82	38.83	17.67	66.21	280	344	P	V
		11910	46.41	-7.59	54	56.12	38.83	17.67	66.21	280	344	A	V
		17865	55.16	-18.84	74	56.84	41.85	21.78	65.31	200	25	P	V
		17865	43.6	-10.4	54	45.28	41.85	21.78	65.31	200	25	A	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 49 6195MHz		12390	59.97	-14.03	74	68.7	39.11	18.07	65.91	350	344	P	H
		12390	49.01	-4.99	54	57.74	39.11	18.07	65.91	350	344	A	H
		18585	56.75	-17.25	74	77.41	37.97	-3.08	55.55	150	35	P	H
		18585	44.02	-9.98	54	64.68	37.97	-3.08	55.55	150	35	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		12390	53.55	-20.45	74	62.28	39.11	18.07	65.91	400	11	P	V
		12390	44.15	-9.85	54	52.88	39.11	18.07	65.91	400	11	A	V
		18585	47.92	-26.08	74	68.58	37.97	-3.08	55.55	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]

**Band 5 5925~6425MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 03 5965MHz		5923.56	69.42	-18.78	88.2	52.88	34.3	11.89	29.65	100	344	P	H
		5925	59.49	-8.71	68.2	42.95	34.3	11.89	29.65	100	344	A	H
	*	5965	110.28	-	-	93.77	34.24	11.92	29.65	100	344	P	H
	*	5965	99.87	-	-	83.36	34.24	11.92	29.65	100	344	A	H
													H
													H
		5922.28	66.37	-21.83	88.2	49.83	34.3	11.89	29.65	377	360	P	V
		5925	53.57	-14.63	68.2	37.03	34.3	11.89	29.65	377	360	A	V
	*	5965	101.49	-	-	84.98	34.24	11.92	29.65	377	360	P	V
	*	5965	93.15	-	-	76.64	34.24	11.92	29.65	377	360	A	V
													V
													V



802.11ax HE40 Full CH 51 6205MHz		5857.675	54.9	-33.3	88.2	38.56	34.13	11.84	29.63	100	349	P	H
		5909.95	45.04	-23.16	68.2	28.5	34.3	11.88	29.64	100	349	A	H
	*	6205	107.94	-	-	91.31	34.22	12.2	29.79	100	349	P	H
	*	6205	97.36	-	-	80.73	34.22	12.2	29.79	100	349	A	H
													H
													H
		5904.85	56.22	-31.98	88.2	39.68	34.3	11.88	29.64	343	0	P	V
		5909.95	44.46	-23.74	68.2	27.92	34.3	11.88	29.64	343	0	A	V
	*	6205	100.24	-	-	83.61	34.22	12.2	29.79	343	0	P	V
	*	6205	89.87	-	-	73.24	34.22	12.2	29.79	343	0	A	V
													V
													V
802.11ax HE40 Full CH 91 6405MHz		5872.72	55.57	-32.63	88.2	39.17	34.19	11.85	29.64	150	12	P	H
		5906.905	44.69	-23.51	68.2	28.15	34.3	11.88	29.64	150	12	A	H
	*	6405	107.45	-	-	90.26	34.82	12.29	29.92	150	12	P	H
	*	6405	97.67	-	-	80.48	34.82	12.29	29.92	150	12	A	H
													H
													H
		5892.715	55.5	-32.7	88.2	39	34.27	11.87	29.64	366	104	P	V
		5914	44.52	-23.68	68.2	27.97	34.3	11.89	29.64	366	104	A	V
	*	6405	99.17	-	-	81.98	34.82	12.29	29.92	366	104	P	V
	*	6405	87.9	-	-	70.71	34.82	12.29	29.92	366	104	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 03 5965MHz		11930	57.87	-16.13	74	67.51	38.89	17.68	66.21	200	298	P	H
		11930	46.63	-7.37	54	56.27	38.89	17.68	66.21	200	298	A	H
		17895	51.31	-22.69	74	52.63	42.15	21.79	65.26	100	306	P	H
		17895	44.09	-9.91	54	45.41	42.15	21.79	65.26	100	306	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11930	53.36	-20.64	74	63	38.89	17.68	66.21	300	11	P	V
		11930	44.63	-9.37	54	54.27	38.89	17.68	66.21	300	11	A	V
		17895	50.69	-23.31	74	52.01	42.15	21.79	65.26	100	93	P	V
		17895	44.87	-9.13	54	46.19	42.15	21.79	65.26	100	93	A	V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 51 6205MHz		12410	53.73	-20.27	74	62.44	39.1	18.09	65.9	100	1	P	H
		12410	43.81	-10.19	54	52.52	39.1	18.09	65.9	100	1	A	H
		18615	47.51	-26.49	74	68.1	37.99	-3.05	55.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		12410	50.65	-23.35	74	59.36	39.1	18.09	65.9	400	11	P	V
		12410	40.37	-13.63	54	49.08	39.1	18.09	65.9	400	11	A	V
		18615	43.76	-30.24	74	64.35	37.99	-3.05	55.53	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]

**Band 5 5925~6425MHz****WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 07 5985MHz		5923.56	72.93	-15.27	88.2	56.39	34.3	11.89	29.65	102	345	P	H
		5922.6	63.14	-5.06	68.2	46.6	34.3	11.89	29.65	102	345	A	H
	*	5985	107.8	-	-	91.36	34.16	11.94	29.66	102	345	P	H
	*	5985	98.09	-	-	81.65	34.16	11.94	29.66	102	345	A	H
													H
													H
		5921.32	65.14	-23.06	88.2	48.6	34.3	11.89	29.65	300	356	P	V
		5924.52	55.65	-12.55	68.2	39.11	34.3	11.89	29.65	300	356	A	V
	*	5985	100.57	-	-	84.13	34.16	11.94	29.66	300	356	P	V
	*	5985	91.28	-	-	74.84	34.16	11.94	29.66	300	356	A	V
													V
													V



802.11ax HE80 Full CH 55 6225MHz		5898.475	56.12	-32.08	88.2	39.6	34.29	11.87	29.64	108	345	P	H
		5923.125	46.4	-21.8	68.2	29.86	34.3	11.89	29.65	108	345	A	H
	*	6225	105.44	-	-	88.73	34.3	12.21	29.8	108	345	P	H
	*	6225	95.57	-	-	78.86	34.3	12.21	29.8	108	345	A	H
													H
													H
		5892.525	55.07	-33.13	88.2	38.57	34.27	11.87	29.64	298	358	P	V
		5890.825	45.43	-22.77	68.2	28.94	34.26	11.87	29.64	298	358	A	V
	*	6225	97.74	-	-	81.03	34.3	12.21	29.8	298	358	P	V
	*	6225	87.96	-	-	71.25	34.3	12.21	29.8	298	358	A	V
													V
													V
802.11ax HE80 Full CH 87 6385MHz		5816.605	55.22	-32.98	88.2	39.07	33.97	11.81	29.63	150	12	P	H
		5888.2	45.59	-22.61	68.2	29.11	34.25	11.87	29.64	150	12	A	H
	*	6385	103.89	-	-	86.82	34.71	12.27	29.91	150	12	P	H
	*	6385	94.73	-	-	77.66	34.71	12.27	29.91	150	12	A	H
													H
													H
		5863.69	55.43	-32.77	88.2	39.07	34.15	11.85	29.64	286	358	P	V
		5912.065	45.21	-22.99	68.2	28.67	34.3	11.88	29.64	286	358	A	V
	*	6385	94.8	-	-	77.73	34.71	12.27	29.91	286	358	P	V
	*	6385	85.76	-	-	68.69	34.71	12.27	29.91	286	358	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 07 5985MHz		11970	55.7	-18.3	74	65.18	39.01	17.72	66.21	199	299	P	H
		11970	46.45	-7.55	54	55.93	39.01	17.72	66.21	199	299	A	H
		17955	52.74	-21.26	74	53.72	42.37	21.82	65.17	100	310	P	H
		17955	45.17	-8.83	54	46.15	42.37	21.82	65.17	100	310	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11970	53.99	-20.01	74	63.47	39.01	17.72	66.21	295	14	P	V
		11970	43.61	-10.39	54	53.09	39.01	17.72	66.21	295	14	A	V
		17955	51.85	-22.15	74	52.83	42.37	21.82	65.17	100	93	P	V
		17955	46.05	-7.95	54	47.03	42.37	21.82	65.17	100	93	A	V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 55 6225MHz		12450	51.43	-22.57	74	60.07	39.1	18.13	65.87	100	1	P	H
		12450	41.8	-12.2	54	50.44	39.1	18.13	65.87	100	1	A	H
		18675	41.68	-32.32	74	62.12	38.04	-2.99	55.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		12450	46.84	-27.16	74	55.48	39.1	18.13	65.87	-	-	P	V
		18675	41.33	-32.67	74	61.77	38.04	-2.99	55.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 HE160 Full CH 15 6025MHz		5921.64	76.33	-11.87	88.2	59.79	34.3	11.89	29.65	100	286	P	H
		5921.32	65.9	-2.3	68.2	49.36	34.3	11.89	29.65	100	286	A	H
	*	6025	103.13	-	-	86.68	34.15	11.98	29.68	100	286	P	H
	*	6025	93.68	-	-	77.23	34.15	11.98	29.68	100	286	A	H
													H
													H
		5908.2	70.46	-17.74	88.2	53.92	34.3	11.88	29.64	350	8	P	V
		5908.52	61.61	-6.59	68.2	45.07	34.3	11.88	29.64	350	8	A	V
	*	6025	97.79	-	-	81.34	34.15	11.98	29.68	350	8	P	V
	*	6025	88.08	-	-	71.63	34.15	11.98	29.68	350	8	A	V
													V
													V
802.11ax HE160 Full CH 47 6185MHz		5920.575	56.82	-31.38	88.2	40.28	34.3	11.89	29.65	106	345	P	H
		5898.475	48	-20.2	68.2	31.48	34.29	11.87	29.64	106	345	A	H
	*	6185	102.41	-	-	85.81	34.2	12.18	29.78	106	345	P	H
	*	6185	93.61	-	-	77.01	34.2	12.18	29.78	106	345	A	H
													H
													H
		5914.625	55.06	-33.14	88.2	38.51	34.3	11.89	29.64	312	356	P	V
		5884.875	45.78	-22.42	68.2	29.32	34.24	11.86	29.64	312	356	A	V
	*	6185	95.99	-	-	79.39	34.2	12.18	29.78	312	356	P	V
	*	6185	85.78	-	-	69.18	34.2	12.18	29.78	312	356	A	V
													V
													V



802.11ax HE160 Full CH 79 6345MHz		5864.98	55.12	-33.08	88.2	38.75	34.16	11.85	29.64	112	341	P	H
		5884.33	45.85	-22.35	68.2	29.39	34.24	11.86	29.64	112	341	A	H
	*	6345	100.82	-	-	83.95	34.49	12.26	29.88	112	341	P	H
	*	6345	91.73	-	-	74.86	34.49	12.26	29.88	112	341	A	H
													H
													H
		5818.54	55.87	-32.33	88.2	39.72	33.97	11.81	29.63	300	12	P	V
		5869.495	45.82	-22.38	68.2	29.43	34.18	11.85	29.64	300	12	A	V
	*	6345	94.48	-	-	77.61	34.49	12.26	29.88	300	12	P	V
	*	6345	83.98	-	-	67.11	34.49	12.26	29.88	300	12	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 HE160 Full CH 47 6185MHz		12370	47.57	-26.43	74	56.31	39.13	18.06	65.93	-	-	P	H
		18555	41.17	-32.83	74	61.91	37.94	-3.11	55.57	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		12370	47.98	-26.02	74	56.72	39.13	18.06	65.93	-	-	P	V
		18555	39.25	-34.75	74	59.99	37.94	-3.11	55.57	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 HE160 Full CH 79 6345MHz		12690	47.96	-26.04	74	55.92	39.48	18.33	65.77	-	-	P	H
		19035	47.44	-26.56	74	67.41	38.01	-2.69	55.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		12690	47.87	-26.13	74	55.83	39.48	18.33	65.77	-	-	P	V
		19035	43.32	-30.68	74	63.29	38.01	-2.69	55.29	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 7 - 6525~6875MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 117 6535MHz	*	6535	108.4	-	-	90.35	35.51	12.52	29.98	228	236	P	H
	*	6535	100.75	-	-	82.7	35.51	12.52	29.98	228	236	A	H
		7177.15	59.16	-29.04	88.2	39.27	36.91	13.08	30.1	228	236	P	H
		7191.65	49.02	-19.18	68.2	29.07	36.97	13.09	30.11	228	236	A	H
													H
													H
	*	6535	99.84	-	-	81.79	35.51	12.52	29.98	343	4	P	V
	*	6535	91.07	-	-	73.02	35.51	12.52	29.98	343	4	A	V
		7125	59.17	-29.03	88.2	39.55	36.65	13.06	30.09	343	4	P	V
		7213.4	49.17	-19.03	68.2	29.15	37.05	13.08	30.11	343	4	A	V
													V
													V
802.11a CH 149 6695MHz	*	6695	108.64	-	-	89.97	36	12.68	30.01	142	11	P	H
	*	6695	99.6	-	-	80.93	36	12.68	30.01	142	11	A	H
		7168.45	59.84	-28.36	88.2	39.99	36.87	13.08	30.1	142	11	P	H
		7207.6	49.11	-19.09	68.2	29.11	37.03	13.08	30.11	142	11	A	H
													H
													H
	*	6695	101.74	-	-	83.07	36	12.68	30.01	339	353	P	V
	*	6695	94.31	-	-	75.64	36	12.68	30.01	339	353	A	V
		7138.725	60.38	-27.82	88.2	40.68	36.73	13.06	30.09	339	353	P	V
		7225	49.04	-19.16	68.2	28.99	37.1	13.07	30.12	339	353	A	V
													V
													V



802.11a CH 181 6855MHz	*	6855	105.87	-	-	87.2	35.9	12.8	30.03	144	24	P	H
	*	6855	97.41	-	-	78.74	35.9	12.8	30.03	144	24	A	H
		7166.275	59.83	-28.37	88.2	39.99	36.87	13.07	30.1	144	24	P	H
		7219.2	48.96	-19.24	68.2	28.93	37.08	13.07	30.12	144	24	A	H
													H
													H
	*	6855	99.33	-	-	80.66	35.9	12.8	30.03	336	354	P	V
	*	6855	91.85	-	-	73.18	35.9	12.8	30.03	336	354	A	V
		7222.1	60.36	-27.84	88.2	40.32	37.09	13.07	30.12	336	354	P	V
		7212.675	49.39	-18.81	68.2	29.37	37.05	13.08	30.11	336	354	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 117 6535MHz		13070	55.23	-32.97	88.2	62.28	39.96	18.66	65.67	-	-	P	H
		19605	65.53	-8.47	74	85.81	37.74	-2.96	55.06	150	307	P	H
		19605	50.38	-3.62	54	70.66	37.74	-2.96	55.06	150	307	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13070	51.79	-36.41	88.2	58.84	39.96	18.66	65.67	-	-	P	V
		19605	56.67	-17.33	74	76.95	37.74	-2.96	55.06	150	12	P	V
		19605	44.03	-9.97	54	64.31	37.74	-2.96	55.06	150	12	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 149 6695MHz		13390	56.51	-17.49	74	62.69	40.47	19	65.65	163	4	P	H
		13390	46.88	-7.12	54	53.06	40.47	19	65.65	163	4	A	H
		20085	59.69	-14.31	74	80.06	37.6	-3.07	54.9	150	307	P	H
		20085	50.32	-3.68	54	70.69	37.6	-3.07	54.9	150	307	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		13390	51.44	-22.56	74	57.62	40.47	19	65.65	100	20	P	V
		13390	42.63	-11.37	54	48.81	40.47	19	65.65	100	20	A	V
		20085	55.72	-18.28	74	76.09	37.6	-3.07	54.9	150	5	P	V
		20085	43.06	-10.94	54	63.43	37.6	-3.07	54.9	150	5	A	V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 7 - 6525~6875MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 117 6535MHz	*	6535	107.8	-	-	89.75	35.51	12.52	29.98	152	22	P	H
	*	6535	97.81	-	-	79.76	35.51	12.52	29.98	152	22	A	H
		7219.925	60.12	-28.08	88.2	40.09	37.08	13.07	30.12	152	22	P	H
		7138.725	48.98	-19.22	68.2	29.28	36.73	13.06	30.09	152	22	A	H
													H
													H
	*	6535	100.02	-	-	81.97	35.51	12.52	29.98	341	352	P	V
	*	6535	90.27	-	-	72.22	35.51	12.52	29.98	341	352	A	V
		7218.475	59.25	-28.95	88.2	39.22	37.07	13.08	30.12	341	352	P	V
		7207.6	49.07	-19.13	68.2	29.07	37.03	13.08	30.11	341	352	A	V
													V
													V
802.11ax HE20 Full CH 149 6695MHz	*	6695	108.53	-	-	89.86	36	12.68	30.01	143	10	P	H
	*	6695	98.08	-	-	79.41	36	12.68	30.01	143	10	A	H
		7165.55	59.64	-28.56	88.2	39.81	36.86	13.07	30.1	143	10	P	H
		7220.65	49.18	-19.02	68.2	29.15	37.08	13.07	30.12	143	10	A	H
													H
													H
	*	6695	100.84	-	-	82.17	36	12.68	30.01	342	359	P	V
	*	6695	91.17	-	-	72.5	36	12.68	30.01	342	359	A	V
		7149.6	59.39	-28.81	88.2	39.61	36.8	13.07	30.09	342	359	P	V
		7217.025	49	-19.2	68.2	28.97	37.07	13.08	30.12	342	359	A	V
													V
													V



802.11ax HE20 Full CH 181 6855MHz	*	6855	106.05	-	-	87.38	35.9	12.8	30.03	157	25	P	H
	*	6855	94.88	-	-	76.21	35.9	12.8	30.03	157	25	A	H
		7193.825	59.02	-29.18	88.2	39.06	36.98	13.09	30.11	157	25	P	H
		7225	48.99	-19.21	68.2	28.94	37.1	13.07	30.12	157	25	A	H
													H
													H
	*	6855	98.72	-	-	80.05	35.9	12.8	30.03	353	360	P	V
	*	6855	88.27	-	-	69.6	35.9	12.8	30.03	353	360	A	V
		7206.875	59.91	-28.29	88.2	39.91	37.03	13.08	30.11	353	360	P	V
		7220.65	48.94	-19.26	68.2	28.91	37.08	13.07	30.12	353	360	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 149 6695MHz		13390	55.98	-18.02	74	62.16	40.47	19	65.65	2205	2	P	H
		13390	45.82	-8.18	54	52	40.47	19	65.65	2205	2	A	H
		20085	61.31	-12.69	74	81.68	37.6	-3.07	54.9	150	310	P	H
		20085	49.95	-4.05	54	70.32	37.6	-3.07	54.9	150	310	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		13390	50.64	-23.36	74	56.82	40.47	19	65.65	100	17	P	V
		13390	41.7	-12.3	54	47.88	40.47	19	65.65	100	17	A	V
		20085	52.32	-21.68	74	72.69	37.6	-3.07	54.9	150	7	P	V
		20085	43.31	-10.69	54	63.68	37.6	-3.07	54.9	150	7	A	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 7 - 6525~6875MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 123 6565MHz	*	6565	106.63	-	-	88.35	35.69	12.58	29.99	179	52	P	H
	*	6565	95.81	-	-	77.53	35.69	12.58	29.99	179	52	A	H
		7200.35	59.17	-29.03	88.2	39.19	37	13.09	30.11	179	52	P	H
		7215.575	49.1	-19.1	68.2	29.07	37.06	13.08	30.11	179	52	A	H
													H
													H
	*	6565	98.73	-	-	80.45	35.69	12.58	29.99	400	351	P	V
	*	6565	88.04	-	-	69.76	35.69	12.58	29.99	400	351	A	V
		7219.925	60.2	-28	88.2	40.17	37.08	13.07	30.12	400	351	P	V
		7224.275	49.11	-19.09	68.2	29.06	37.1	13.07	30.12	400	351	A	V
													V
													V
802.11ax HE40 Full CH 147 6685MHz	*	6685	106.22	-	-	87.56	36	12.67	30.01	183	49	P	H
	*	6685	96.02	-	-	77.36	36	12.67	30.01	183	49	A	H
		7136.55	59.74	-28.46	88.2	40.05	36.72	13.06	30.09	183	49	P	H
		7211.95	49.14	-19.06	68.2	29.12	37.05	13.08	30.11	183	49	A	H
													H
													H
	*	6685	98.7	-	-	80.04	36	12.67	30.01	400	351	P	V
	*	6685	89.07	-	-	70.41	36	12.67	30.01	400	351	A	V
		7206.875	59.84	-28.36	88.2	39.84	37.03	13.08	30.11	400	351	P	V
		7222.1	49.27	-18.93	68.2	29.23	37.09	13.07	30.12	400	351	A	V
													V
													V



802.11ax HE40 Full CH 179 6845MHz	*	6845	103.61	-	-	84.95	35.91	12.78	30.03	201	16	P	H
	*	6845	93.61	-	-	74.95	35.91	12.78	30.03	201	16	A	H
		7206.875	59.16	-29.04	88.2	39.16	37.03	13.08	30.11	201	16	P	H
		7215.575	49.06	-19.14	68.2	29.03	37.06	13.08	30.11	201	16	A	H
													H
													H
	*	6845	99.6	-	-	80.94	35.91	12.78	30.03	340	360	P	V
	*	6845	89.35	-	-	70.69	35.91	12.78	30.03	340	360	A	V
		7198.175	60.06	-28.14	88.2	40.09	36.99	13.09	30.11	340	360	P	V
		7217.025	49	-19.2	68.2	28.97	37.07	13.08	30.12	340	360	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 147 6685MHz		13370	55.33	-18.67	74	61.61	40.41	18.97	65.66	148	358	P	H
		13370	44.64	-9.36	54	50.92	40.41	18.97	65.66	148	358	A	H
		20055	60.38	-13.62	74	80.7	37.57	-2.99	54.9	150	308	P	H
		20055	49.68	-4.32	54	70	37.57	-2.99	54.9	150	308	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		13370	53.34	-20.66	74	59.62	40.41	18.97	65.66	-	-	P	V
		13370	41.24	-12.76	54	47.52	40.41	18.97	65.66	-	-	A	V
		20055	58.5	-15.5	74	78.82	37.57	-2.99	54.9	150	6	P	V
		20055	43.44	-10.56	54	63.76	37.57	-2.99	54.9	150	6	A	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 7 - 6525~6875MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 135 6625MHz	*	6625	103.23	-	-	84.63	35.95	12.65	30	185	52	P	H
	*	6625	93.2	-	-	74.6	35.95	12.65	30	185	52	A	H
		7221.375	59.45	-28.75	88.2	39.41	37.09	13.07	30.12	185	52	P	H
		7221.375	49.76	-18.44	68.2	29.72	37.09	13.07	30.12	185	52	A	H
													H
													H
	*	6625	94.85	-	-	76.25	35.95	12.65	30	400	344	P	V
	*	6625	85.01	-	-	66.41	35.95	12.65	30	400	344	A	V
		7192.375	59.48	-28.72	88.2	39.53	36.97	13.09	30.11	400	344	P	V
		7216.3	50.19	-18.01	68.2	30.15	37.07	13.08	30.11	400	344	A	V
													V
													V
802.11ax HE80 Full CH 151 6705MHz	*	6705	104.2	-	-	85.52	36.01	12.68	30.01	204	35	P	H
	*	6705	93.08	-	-	74.4	36.01	12.68	30.01	204	35	A	H
		7167	59.64	-28.56	88.2	39.79	36.87	13.08	30.1	204	35	P	H
		7213.4	49.81	-18.39	68.2	29.79	37.05	13.08	30.11	204	35	A	H
													H
													H
	*	6705	96.9	-	-	78.22	36.01	12.68	30.01	396	356	P	V
	*	6705	87.03	-	-	68.35	36.01	12.68	30.01	396	356	A	V
		7222.1	60.28	-27.92	88.2	40.24	37.09	13.07	30.12	396	356	P	V
		7135.1	50.09	-18.11	68.2	30.41	36.71	13.06	30.09	396	356	A	V
													V
													V



802.11ax HE80 Full CH 167 6785MHz	*	6785	104.18	-	-	85.46	36.03	12.71	30.02	200	36	P	H
	*	6785	93.33	-	-	74.61	36.03	12.71	30.02	200	36	A	H
		7155.4	59.77	-28.43	88.2	39.98	36.82	13.07	30.1	200	36	P	H
		7202.525	49.69	-18.51	68.2	29.7	37.01	13.09	30.11	200	36	A	H
													H
													H
	*	6785	97.64	-	-	78.92	36.03	12.71	30.02	400	343	P	V
	*	6785	87.56	-	-	68.84	36.03	12.71	30.02	400	343	A	V
		7198.9	59.07	-29.13	88.2	39.09	37	13.09	30.11	400	343	P	V
		7166.275	49.92	-18.28	68.2	30.08	36.87	13.07	30.1	400	343	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 135 6625MHz		13250	53.64	-20.36	74	60.3	40.15	18.85	65.66	100	360	P	H
		13250	44.1	-9.9	54	50.76	40.15	18.85	65.66	100	360	A	H
		19875	60.83	-13.17	74	81.01	37.65	-2.88	54.95	150	310	P	H
		19875	50.13	-3.87	54	70.31	37.65	-2.88	54.95	150	310	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13250	51.32	-22.68	74	57.98	40.15	18.85	65.66	248	0	P	V
		13250	41.64	-12.36	54	48.3	40.15	18.85	65.66	248	0	A	V
		19875	46.04	-27.96	74	66.22	37.65	-2.88	54.95	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 151 6705MHz		13410	51.12	-37.08	88.2	57.24	40.51	19.02	65.65	-	-	P	H
		20115	63.35	-10.65	74	83.75	37.64	-3.14	54.9	150	310	P	H
		20115	49.07	-4.93	54	69.47	37.64	-3.14	54.9	150	310	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13410	49.86	-38.34	88.2	55.98	40.51	19.02	65.65	-	-	P	V
		20115	47.68	-26.32	74	68.08	37.64	-3.14	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 167 6785MHz		13570	51.23	-36.97	88.2	57.05	40.67	19.17	65.66	-	-	P	H
		20355	60.78	-13.22	74	81.55	37.88	-3.75	54.9	150	307	P	H
		20355	49.97	-4.03	54	70.74	37.88	-3.75	54.9	150	307	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13570	51.06	-37.14	88.2	56.88	40.67	19.17	65.66	-	-	P	V
		20355	56.83	-17.17	74	77.6	37.88	-3.75	54.9	150	36	P	V
		20355	43.72	-10.28	54	64.49	37.88	-3.75	54.9	150	36	A	V
													V
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Remark

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.



Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 HE160 Full CH 143 6665MHz	*	6665	100.61	-	-	81.94	36	12.67	30	180	52	P	H
	*	6665	90.38	-	-	71.71	36	12.67	30	180	52	A	H
		7167.725	59.67	-28.53	88.2	39.82	36.87	13.08	30.1	180	52	P	H
		7132.2	49.82	-18.38	68.2	30.16	36.69	13.06	30.09	180	52	A	H
													H
													H
	*	6665	93.48	-	-	74.81	36	12.67	30	394	353	P	V
	*	6665	83.96	-	-	65.29	36	12.67	30	394	353	A	V
		7138.725	59.22	-28.98	88.2	39.52	36.73	13.06	30.09	394	353	P	V
		7220.65	49.76	-18.44	68.2	29.73	37.08	13.07	30.12	394	353	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

[illegible]

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		30.97	22.38	-17.62	40	30.1	23.91	0.55	32.18	-	-	P	H
		97.9	31.71	-11.79	43.5	46.76	15.67	1.52	32.24	-	-	P	H
		158.04	26.26	-17.24	43.5	39.9	16.72	1.93	32.29	-	-	P	H
		428.67	24.84	-21.16	46	31.18	22.9	3.2	32.44	-	-	P	H
		768.17	30.72	-15.28	46	31.24	27.59	4.3	32.41	-	-	P	H
		956.35	34.11	-11.89	46	30.26	30.3	4.83	31.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		34.85	29.74	-10.26	40	39.22	22.09	0.63	32.2	-	-	P	V
		94.02	27.84	-15.66	43.5	43.54	15.08	1.49	32.27	-	-	P	V
		575.14	27.82	-18.18	46	31.36	25.34	3.73	32.61	-	-	P	V
		837.04	32.24	-13.76	46	31.46	28.45	4.51	32.18	-	-	P	V
		900.09	33.04	-12.96	46	31.51	28.59	4.67	31.73	-	-	P	V
		951.5	34.24	-11.76	46	30.6	30.17	4.8	31.33	-	-	P	V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



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 Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5925	55.45	-32.75	88.2	54.51	32.22	4.58	35.86	103	308	P	H
CH 01		5925	43.54	-24.66	68.2	42.6	32.22	4.58	35.86	103	308	A	H
5955MHz													

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

For Peak Limit @ 5925MHz:

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. Margin(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -32.75(dB)

For Average Limit @ 5925MHz:

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. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -24.66(dB)

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



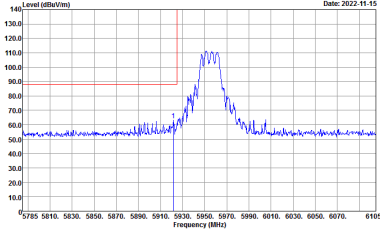
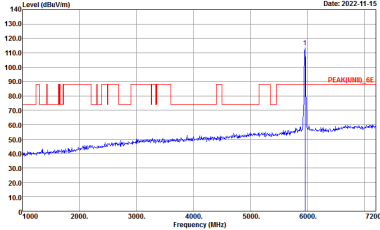
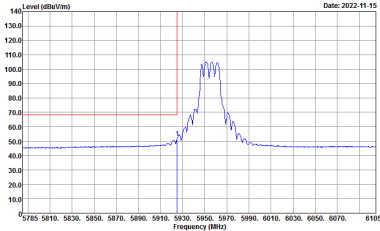
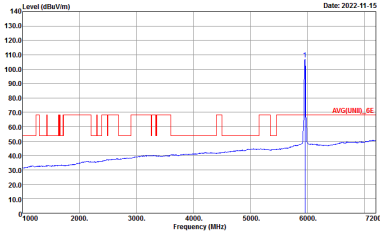
Appendix D. Radiated Spurious Emission Plot

Test Engineer :	Karl Hou and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

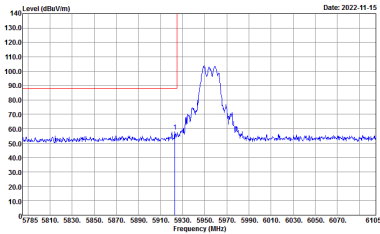
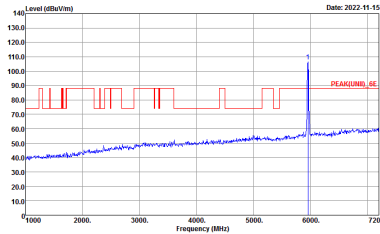
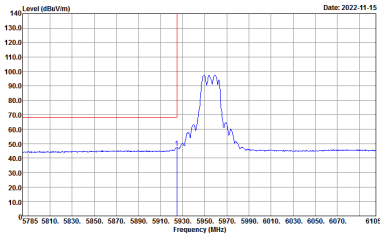
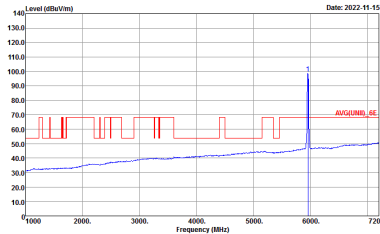
Note symbol

-L	Low channel location
-R	High channel location

Band 5 - 5925~6425MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

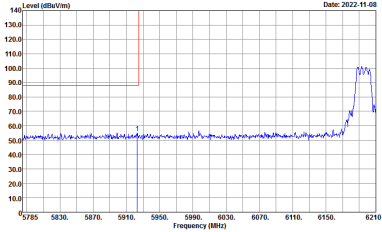
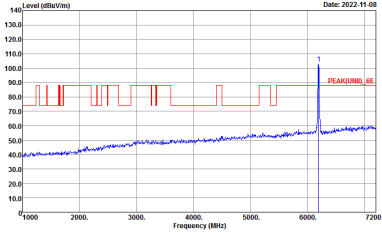
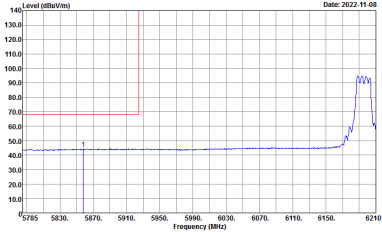
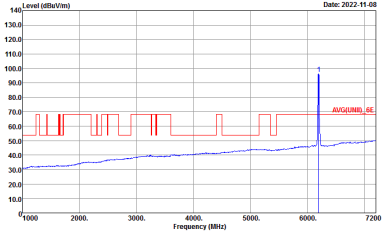


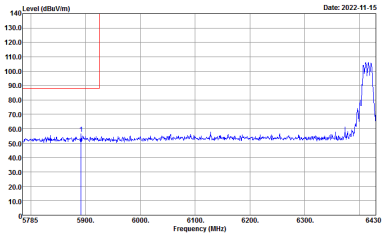
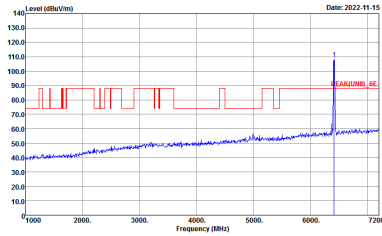
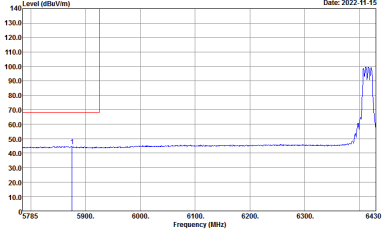
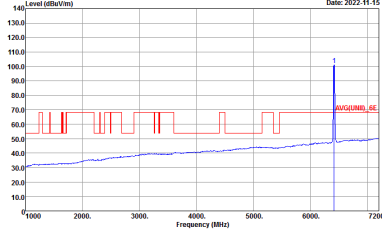
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



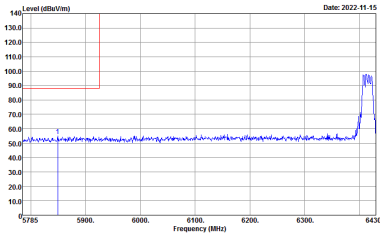
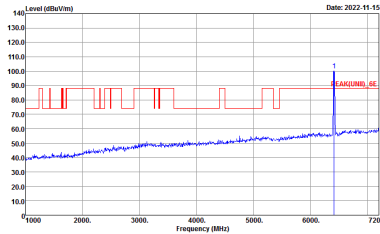
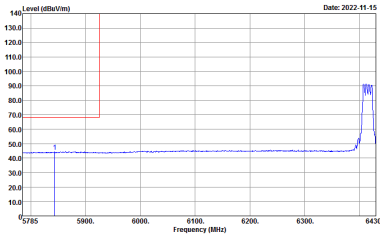
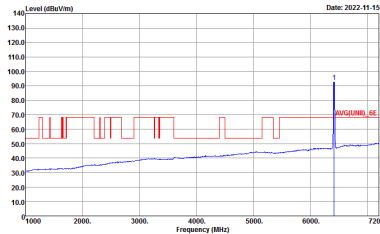
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Fundamental
Peak	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



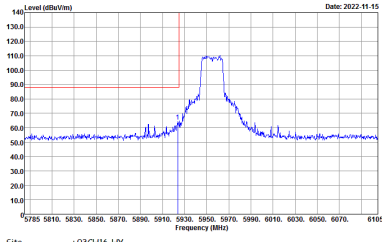
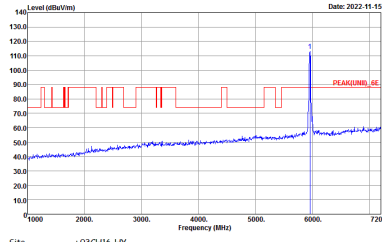
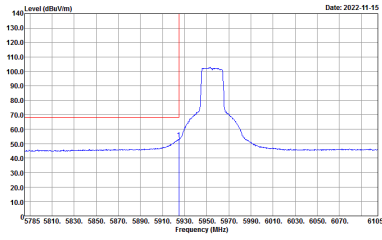
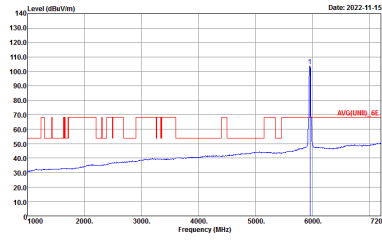
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg		

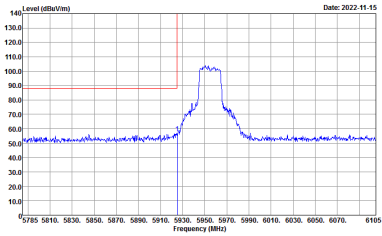
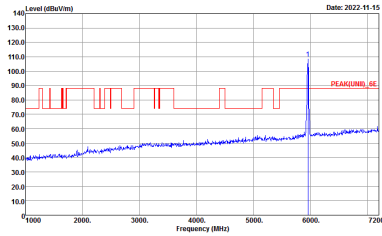
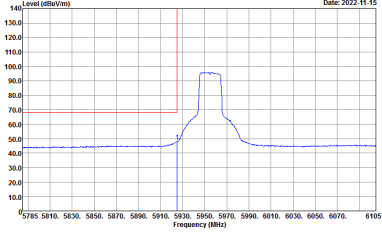
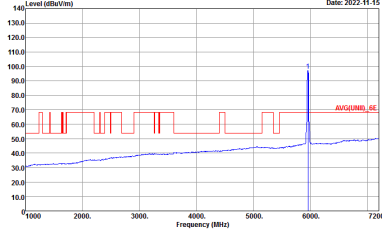


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg		

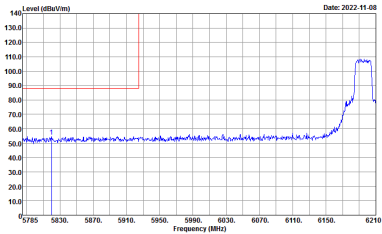
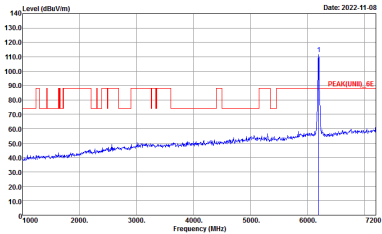
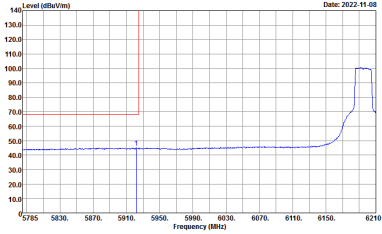
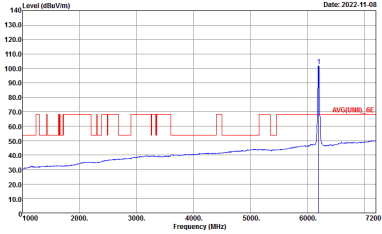
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

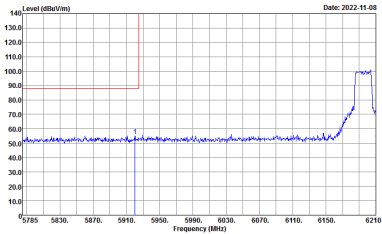
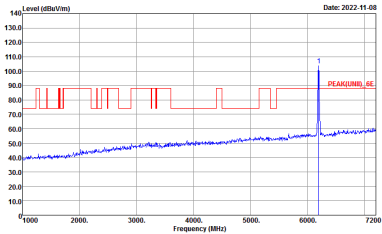
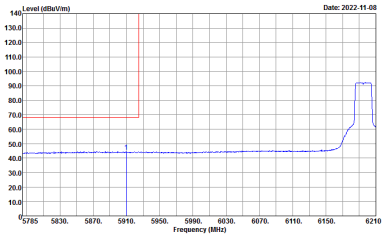
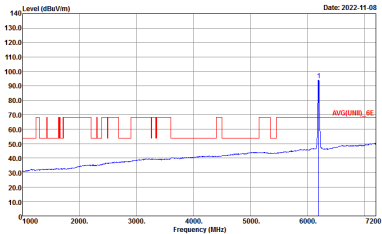


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

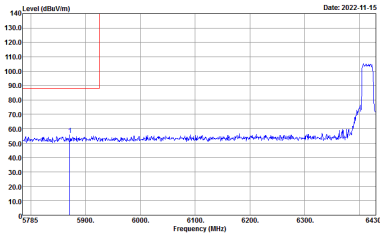
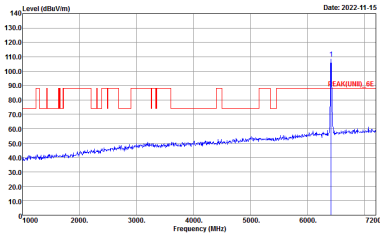
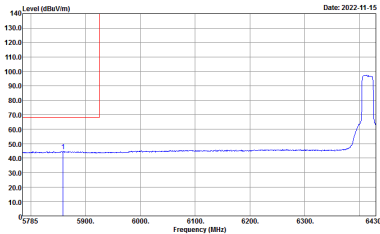
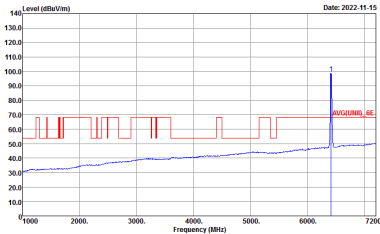


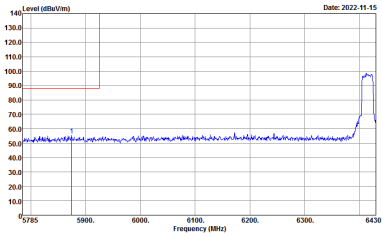
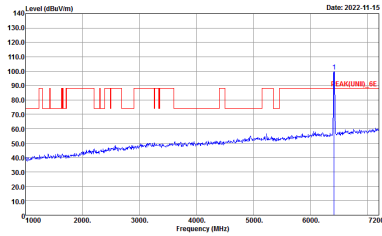
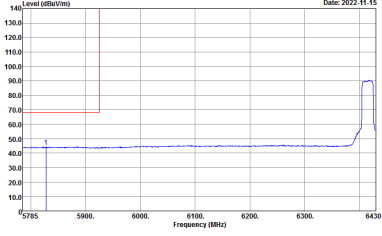
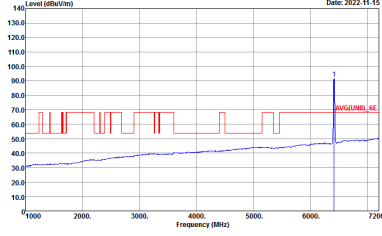
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



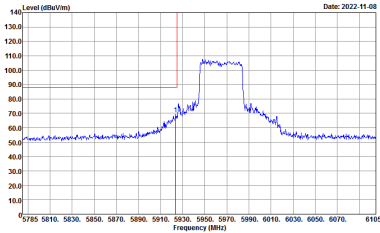
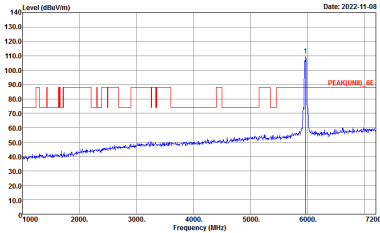
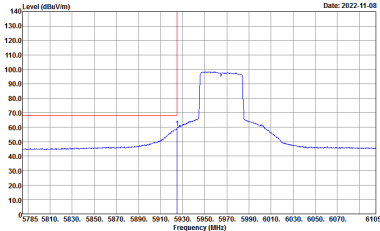
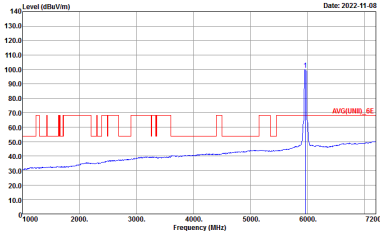
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



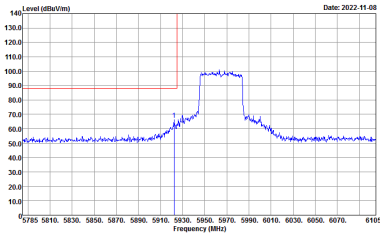
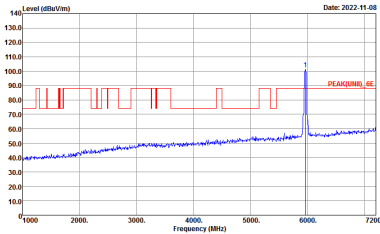
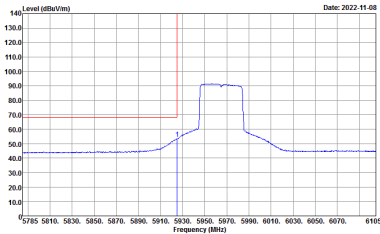
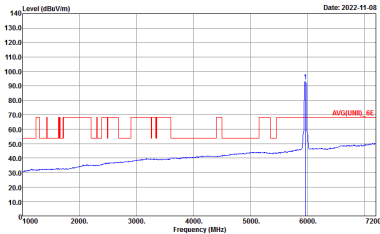
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg		

Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



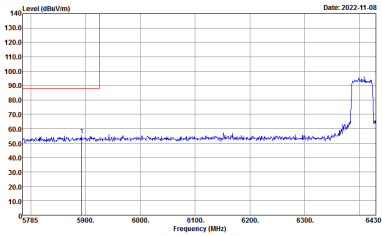
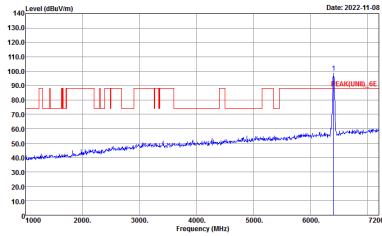
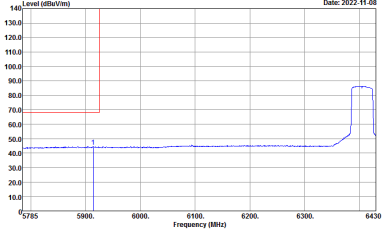
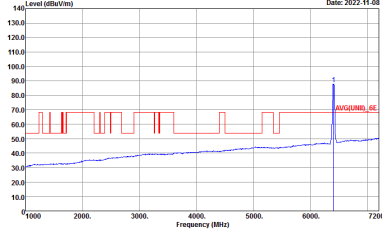
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Fundamental
Peak	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



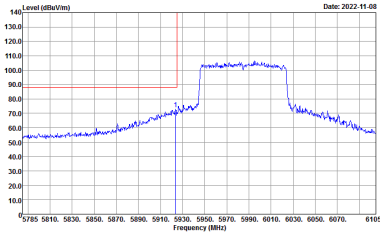
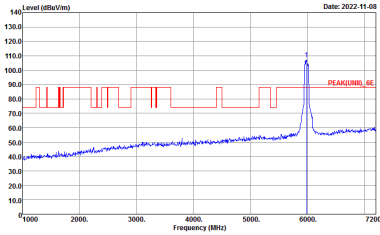
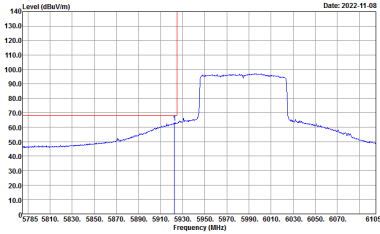
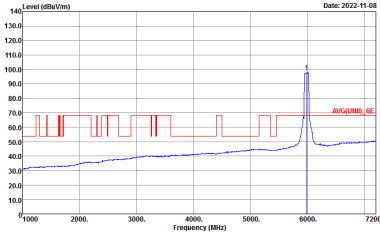
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Vertical	Fundamental
Peak	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



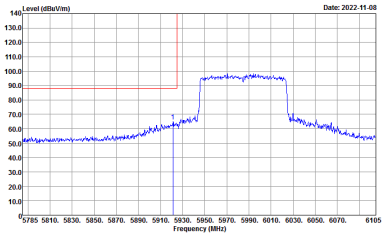
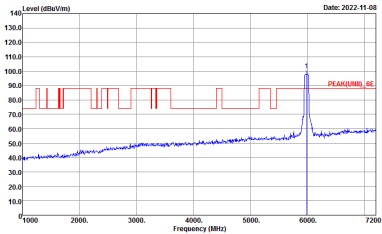
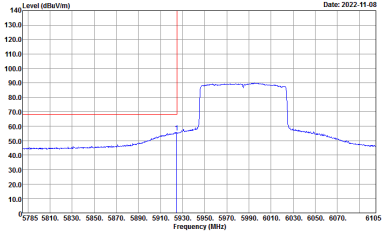
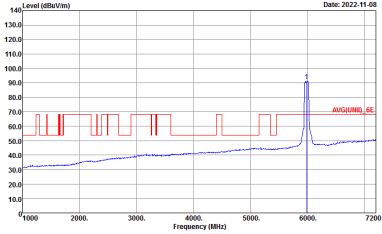
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Fundamental
Peak	Level (dBuV/m) vs Frequency (MHz) from 5785 to 6430. The plot shows a red line at approximately 130 dBuV/m and a blue line at approximately 50 dBuV/m. A sharp peak is visible at 6405 MHz. Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) vs Frequency (MHz) from 1000 to 7200. The plot shows a red line at approximately 90 dBuV/m and a blue line at approximately 50 dBuV/m. A sharp peak is visible at 6405 MHz. Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Level (dBuV/m) vs Frequency (MHz) from 5785 to 6430. The plot shows a red line at approximately 130 dBuV/m and a blue line at approximately 50 dBuV/m. A sharp peak is visible at 6405 MHz. Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Level (dBuV/m) vs Frequency (MHz) from 1000 to 7200. The plot shows a red line at approximately 90 dBuV/m and a blue line at approximately 50 dBuV/m. A sharp peak is visible at 6405 MHz. Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg		

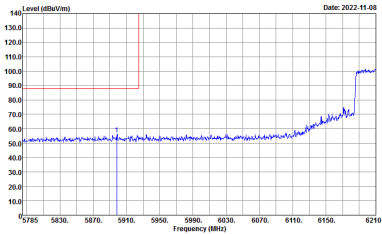
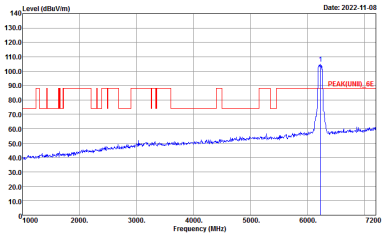
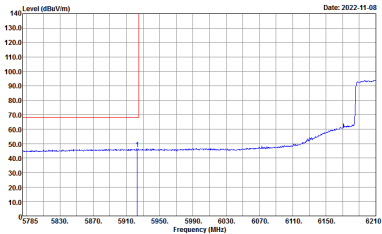
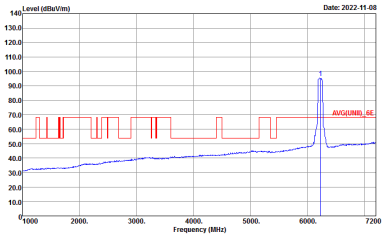
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

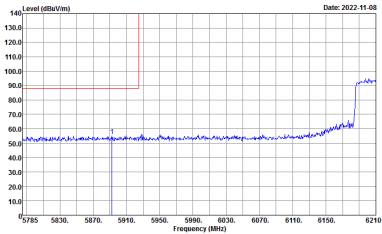
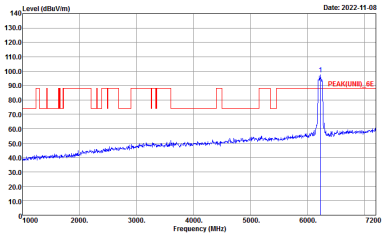
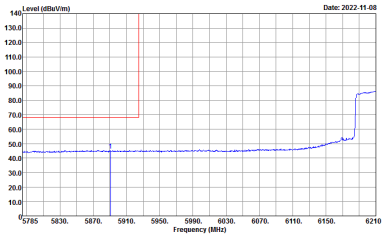
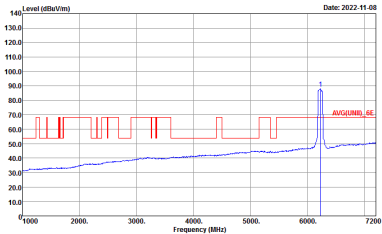


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto
Avg.		



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

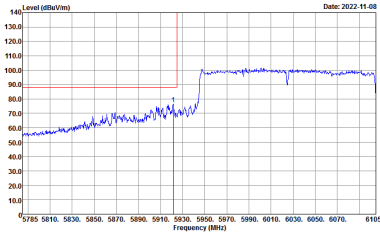
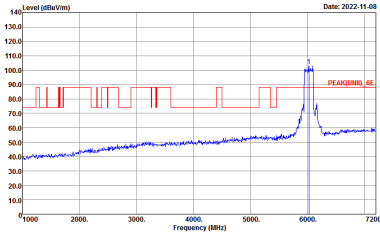
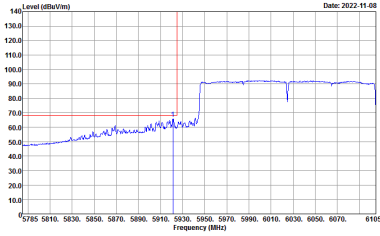
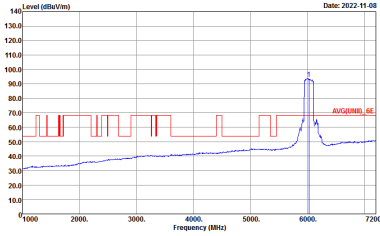


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Fundamental
Peak	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The plot shows a baseline around 50 dBuV/m with a sharp peak at approximately 6385 MHz reaching about 130 dBuV/m. The x-axis ranges from 5785 to 6430 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Peak Fundamental Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a series of rectangular pulses between 1000 and 6000 MHz, followed by a sharp peak at approximately 6385 MHz reaching about 130 dBuV/m. The x-axis ranges from 1000 to 7200 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Avg. Horizontal Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a baseline around 50 dBuV/m with a sharp peak at approximately 6385 MHz reaching about 130 dBuV/m. The x-axis ranges from 5785 to 6430 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Avg. Fundamental Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a series of rectangular pulses between 1000 and 6000 MHz, followed by a sharp peak at approximately 6385 MHz reaching about 130 dBuV/m. The x-axis ranges from 1000 to 7200 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

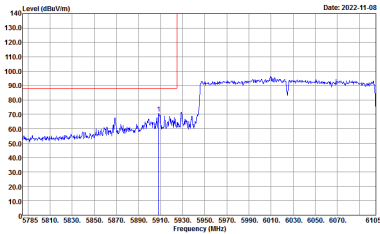
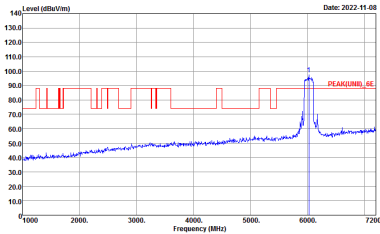
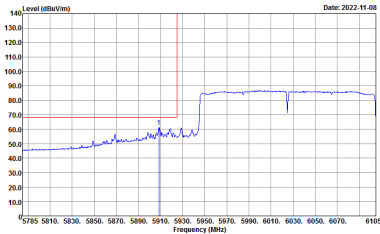
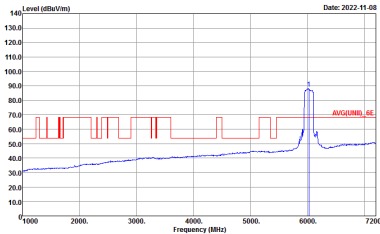


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

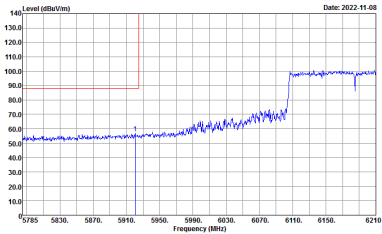
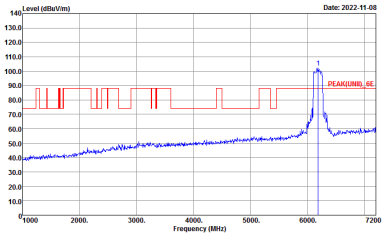
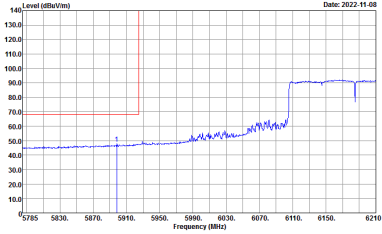
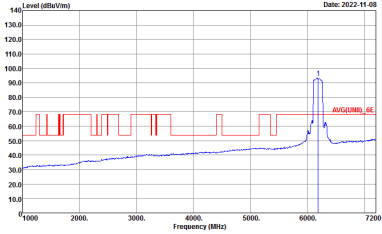
Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_AE 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

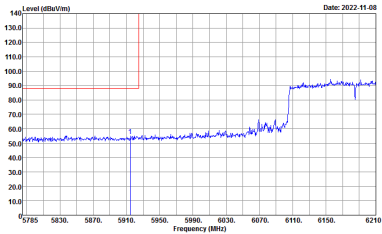
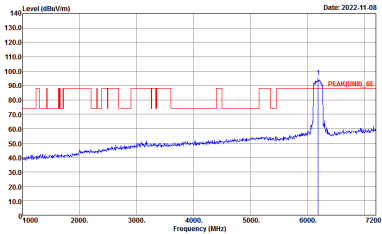
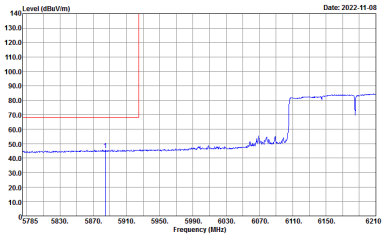
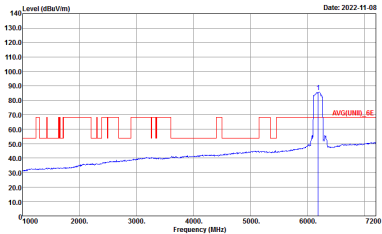


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_AE 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

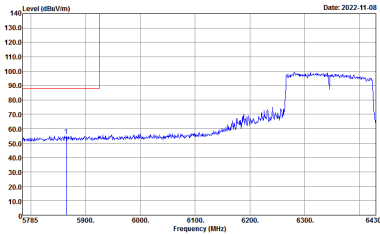
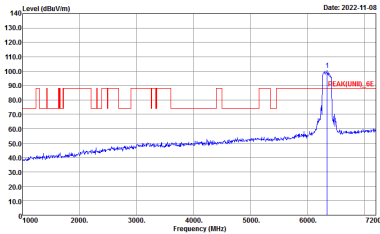
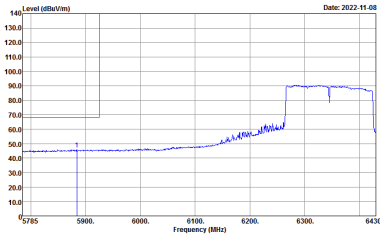
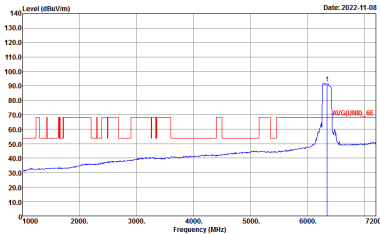


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

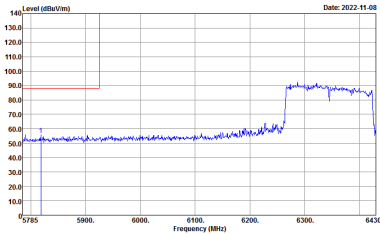
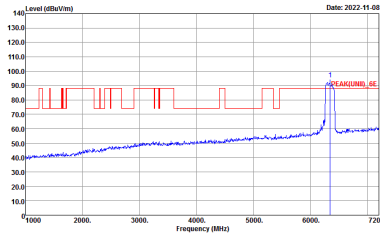
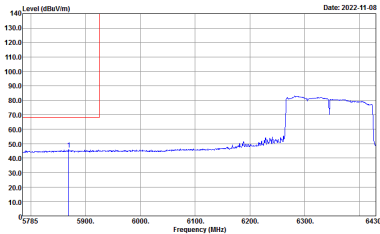
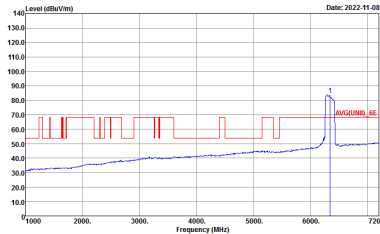


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto



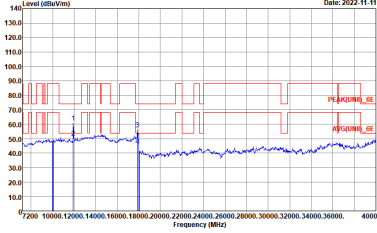
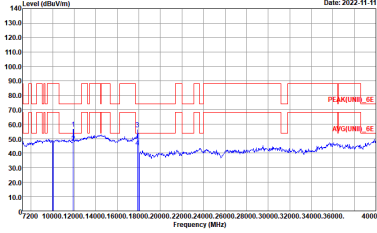
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.		



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



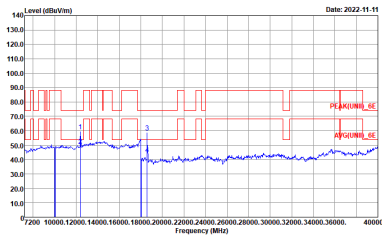
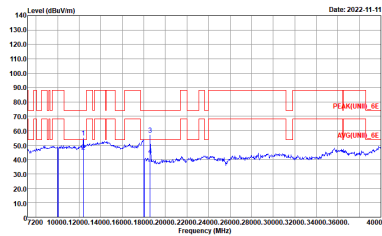
Band 5 - 5925~6425MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the AVG(RH)_GE limit at approximately 55 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the AVG(RH)_GE limit at approximately 55 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the AVG(RH)_GE limit at approximately 55 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the AVG(RH)_GE limit at approximately 55 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL

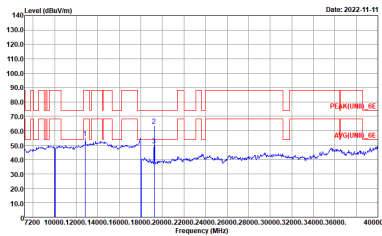
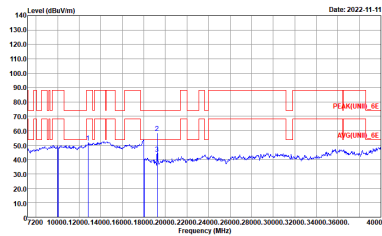


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 14470 to 14500 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 14470 to 14500 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 17700 to 18000 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 17700 to 18000 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL

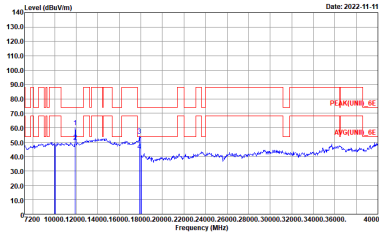
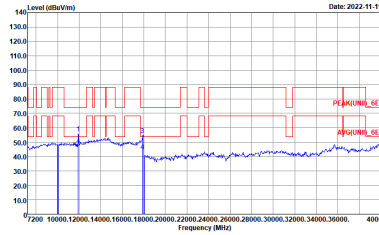


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL

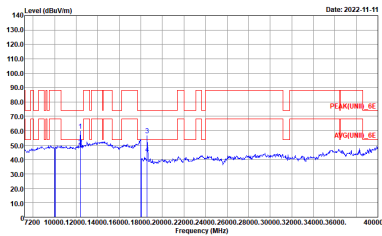
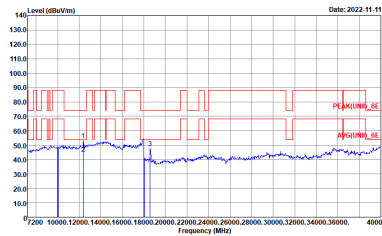
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL

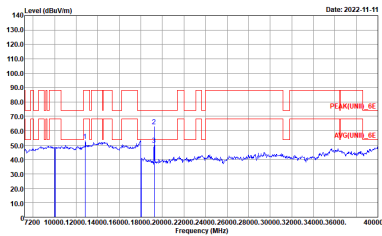
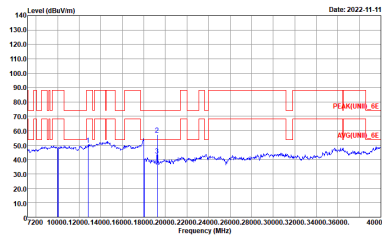


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL



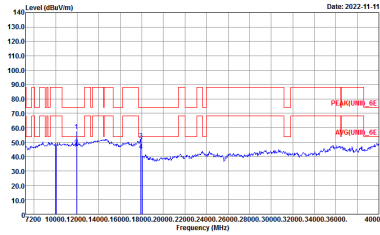
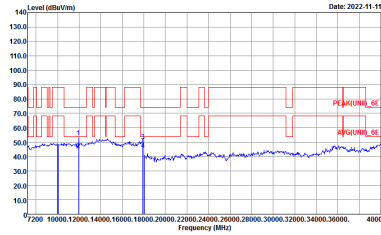
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL



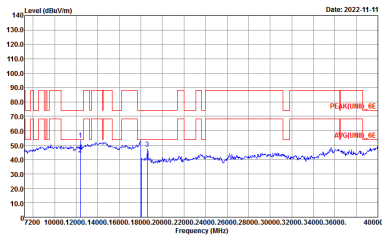
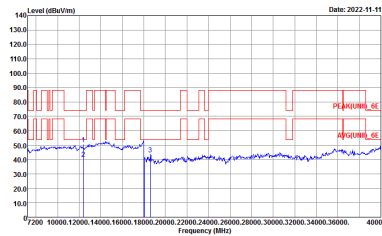
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL

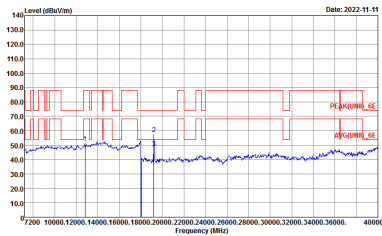
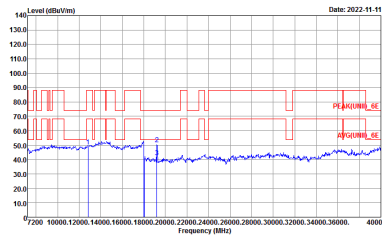


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(RH)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(RH)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(RH)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(RH)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL



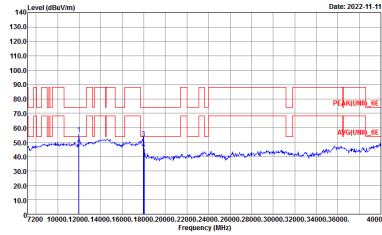
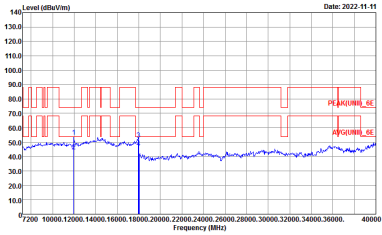
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CH16-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL



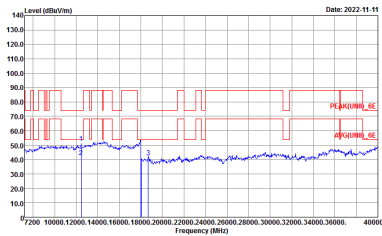
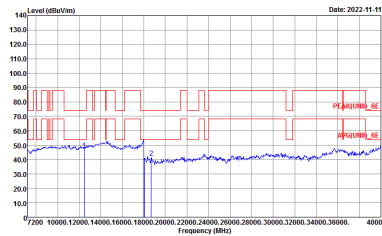
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG(UNIT)_GE level at approximately 55 dBuV/m. Site : 03CHI6-HY Condition : AV6(UNIT)_GE 3m 91200_1522_220310 VERTICAL



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL :



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 14470 to 14500 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 14470 to 14500 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 17700 to 18000 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the measured signal and a red line representing the average (AVG) signal. The signal level is approximately 40 dBuV/m across the frequency range from 17700 to 18000 MHz. Site : 03CH16-HY Condition : AV6(UNIT)_6E 3m 91200_1522_220310 VERTICAL