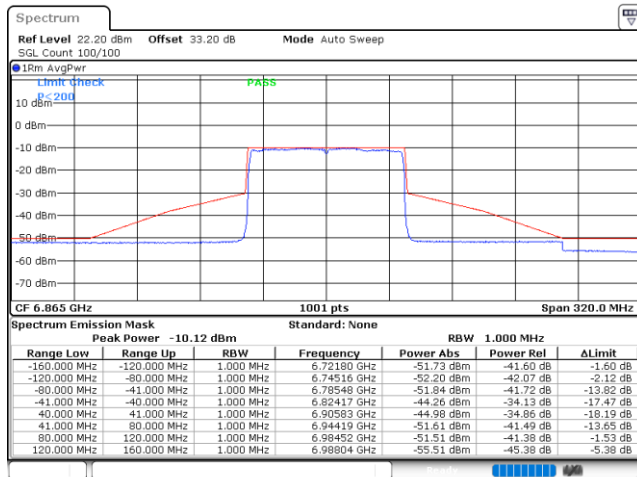
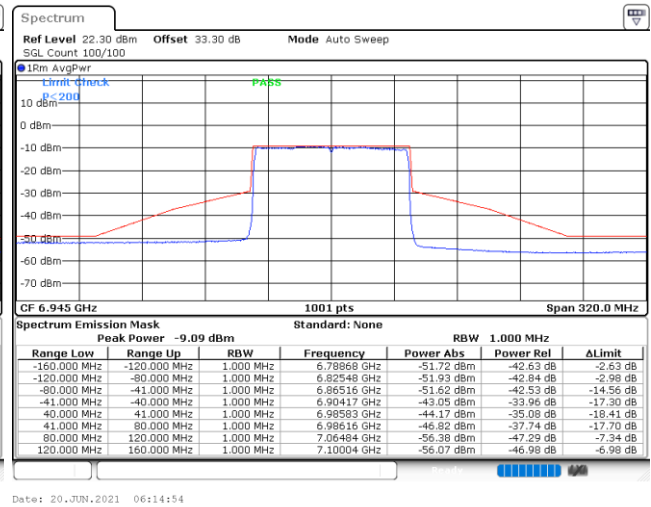




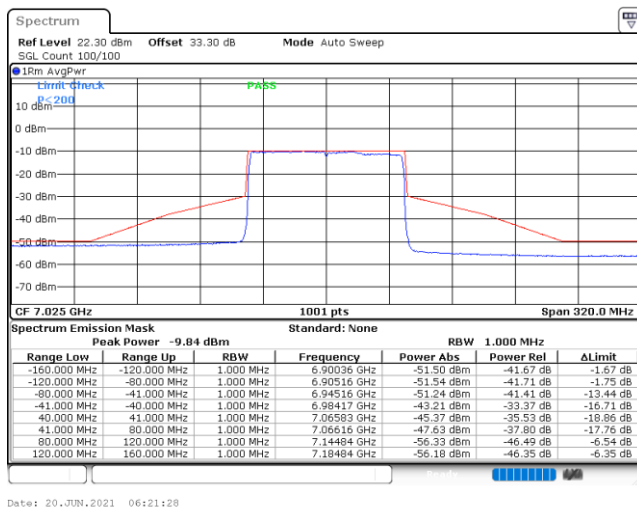
Plot on Channel 6865MHz



Plot on Channel 6945MHz



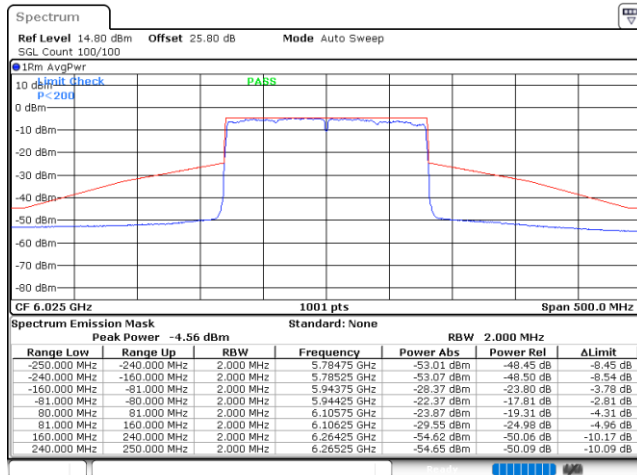
Plot on Channel 7025MHz



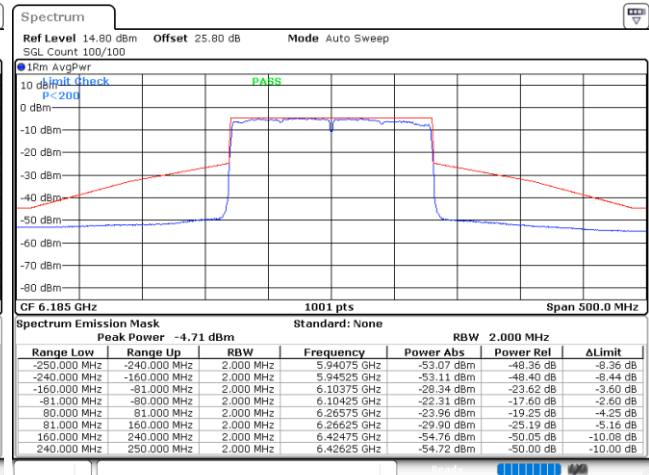


EUT Mode : 802.11ax HE160

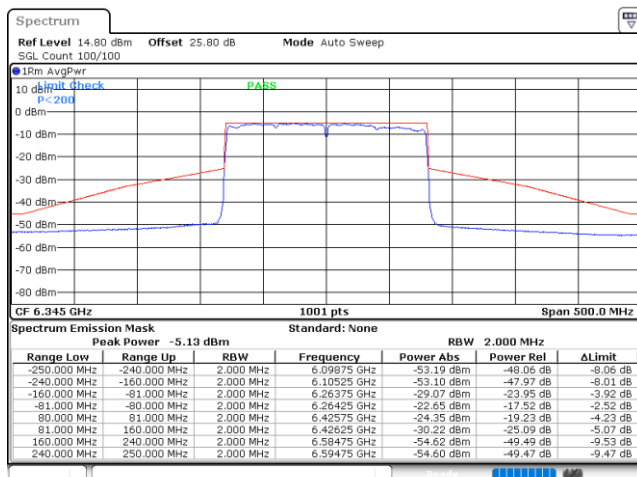
Plot on Channel 6025MHz



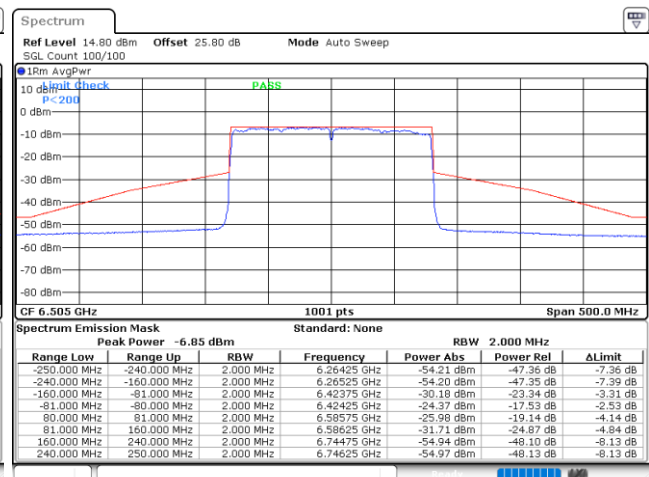
Plot on Channel 6185MHz



Plot on Channel 6345MHz

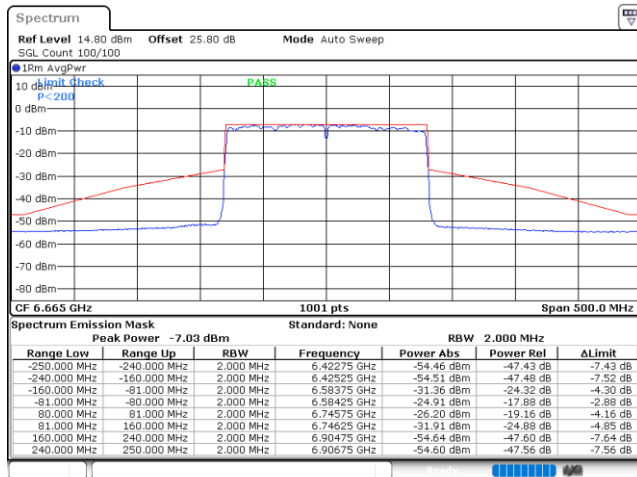


Plot on Channel 6505MHz



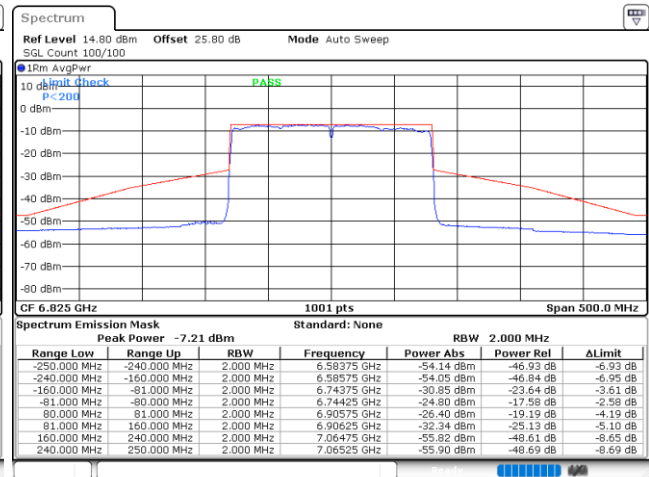


Plot on Channel 6665MHz



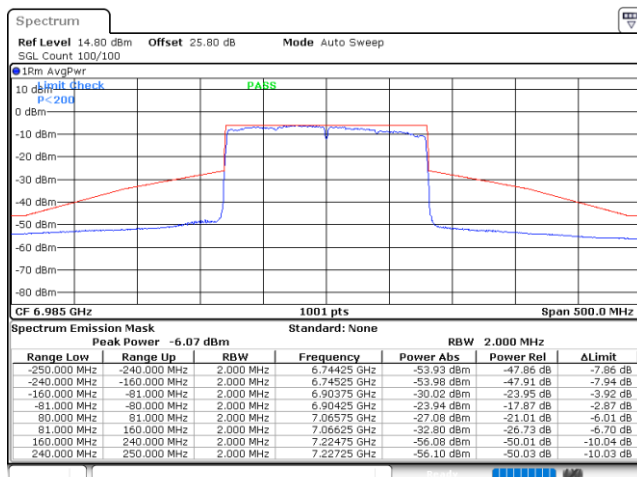
Date: 22.AUG.2021 02:27:07

Plot on Channel 6825MHz



Date: 22.AUG.2021 02:35:02

Plot on Channel 6985MHz



Date: 22.AUG.2021 02:41:59

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

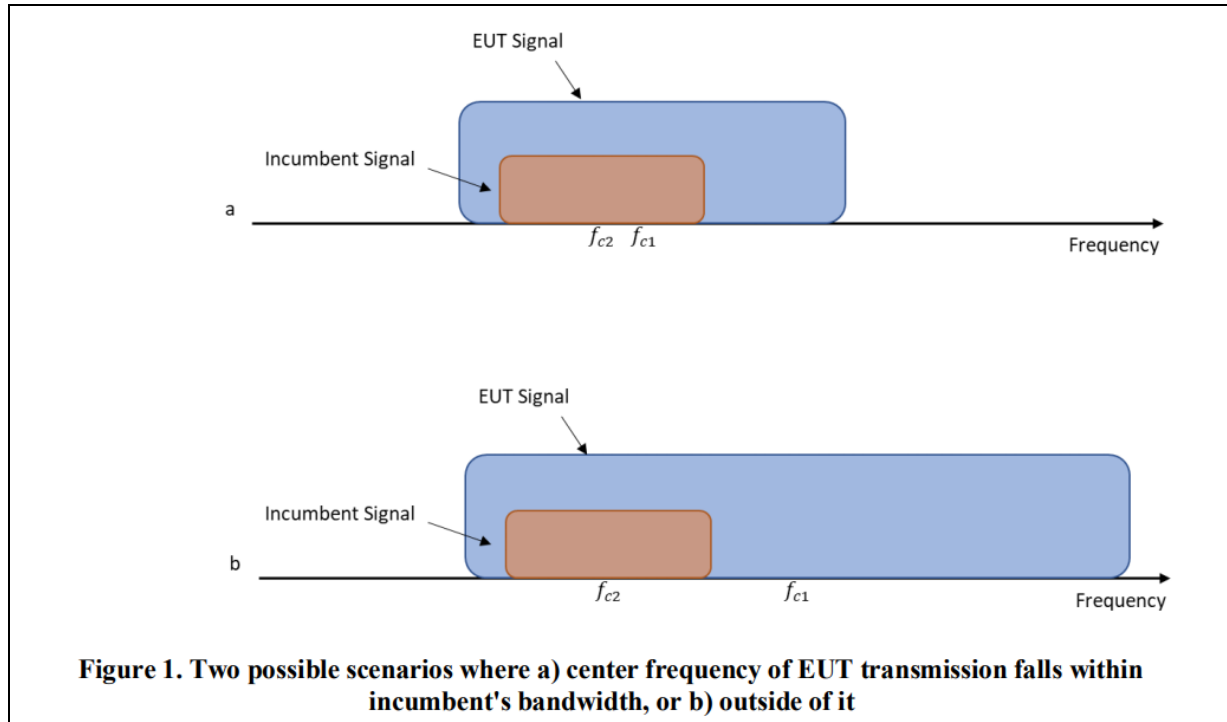
where:

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

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

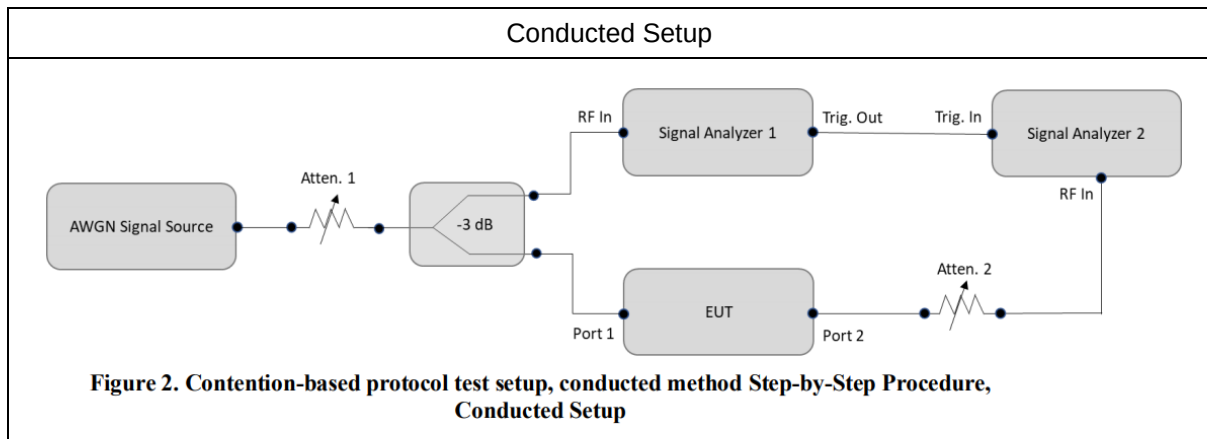
Section I) Contention Based Protocol

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

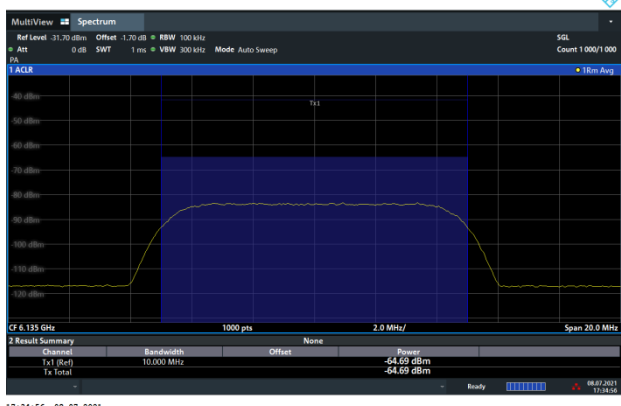
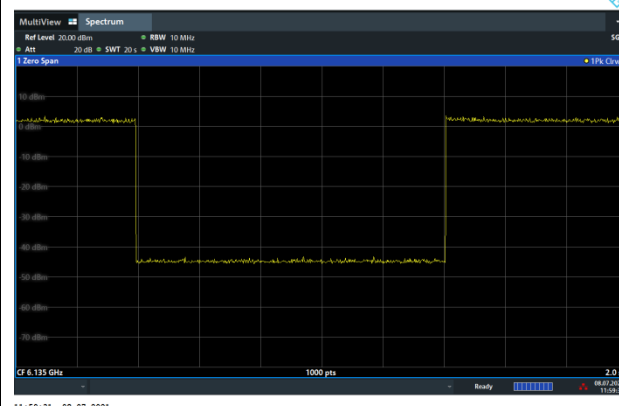
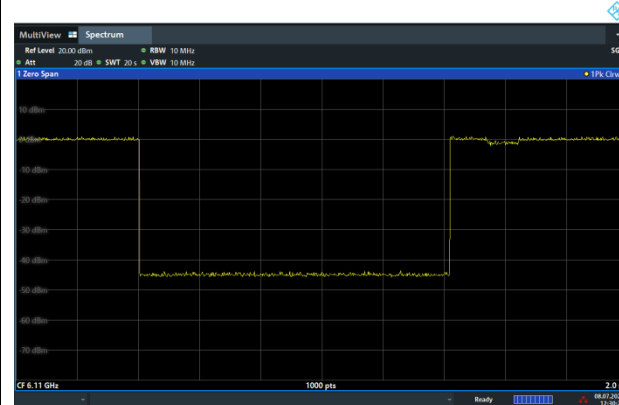
Instrument	Brand Name	Model No.	Characteristics
WLAN AP	ASUS	GT-AXE11000	Dual Band AP
Notebook	Acer	N15C1	LAN

**3.5.6 Test Summary of Contention Based Protocol Test**

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-64.69	100	-63.4	1.29
	6185	160	6110	-66.11	100	-63.4	2.71
			6185	-66.05	100	-63.4	2.65
			6260	-67.27	100	-63.4	3.87
UNII Band 6	6455	20	6455	-65.12	100	-61.6	3.52
	6505	160	6430	-65.06	100	-61.6	3.46
			6505	-66.37	100	-61.6	4.77
			6580	-65.1	100	-61.6	3.5
UNII Band 7	6695	20	6695	-65.69	100	-62	3.69
	6665	160	6590	-65.51	100	-62	3.51
			6665	-65.63	100	-62	3.63
			6740	-65.99	100	-62	3.99
UNII Band 8	7015	20	7015	-67.19	100	-63.3	3.89
	6985	160	6910	-68.19	100	-63.3	4.89
			6985	-67.23	100	-63.3	3.93
			7060	-67.36	100	-63.3	4.06

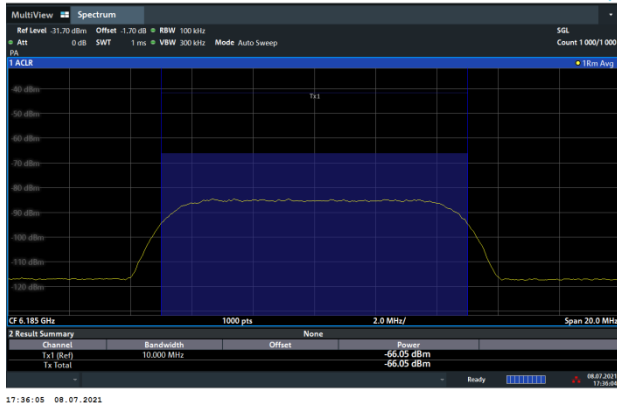
Note: Threshold Level (TL) = -62dBm + minimum antenna gain

3.5.7 Test Plots of Contention Based Protocol Test

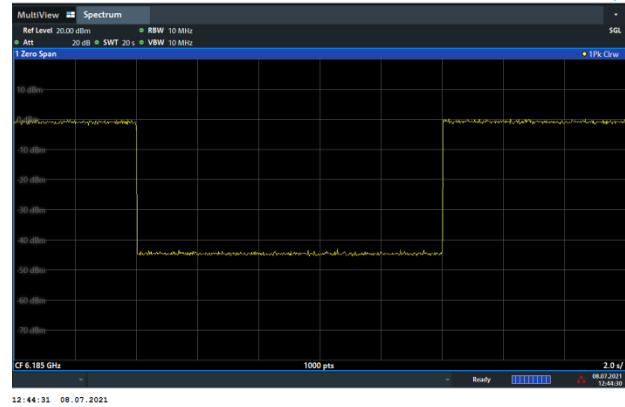
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -64.69dBm/MHz 	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur. 
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -66.11dBm/MHz 	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur. 



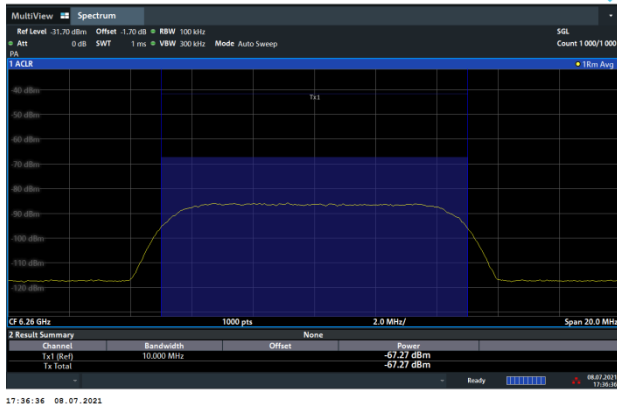
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -66.05dBm/MHz



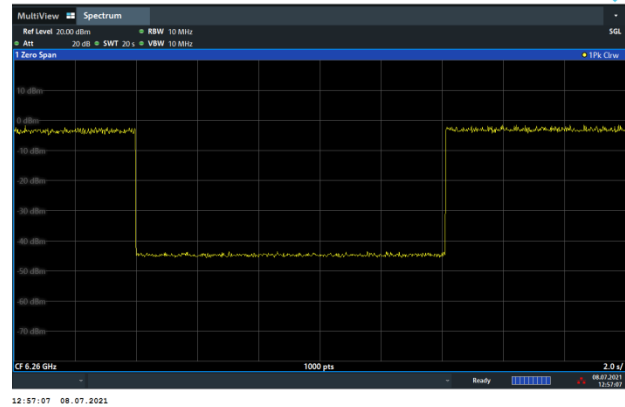
802.11ax (HE160) / CH47 (Middle)
Test result is pass due to no transmission occur.

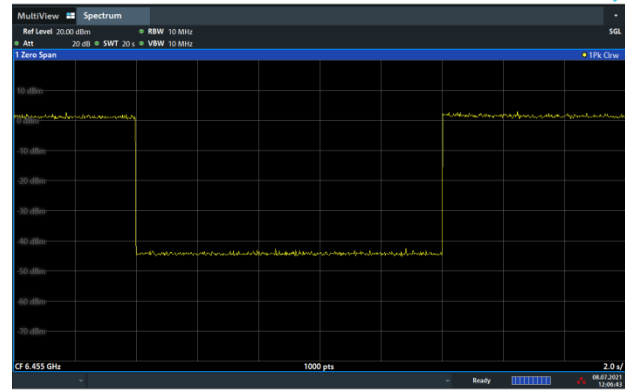
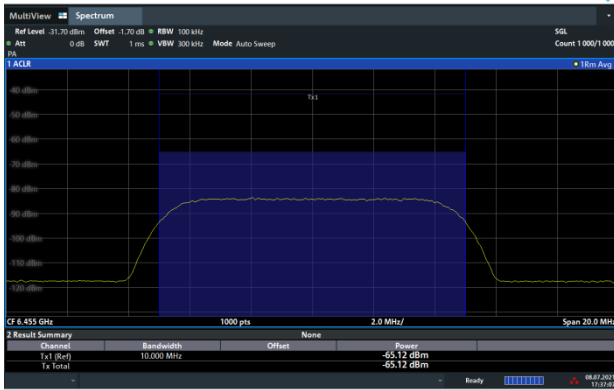
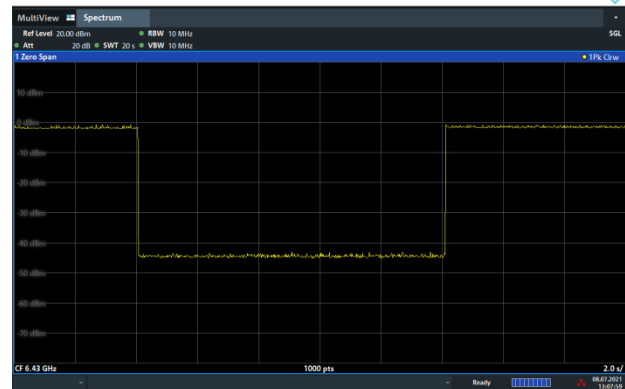
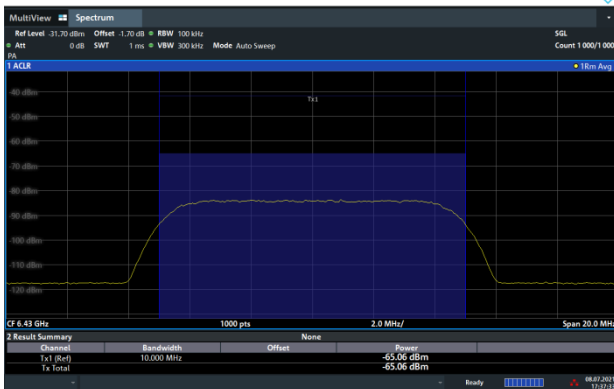


802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -67.27dBm/MHz



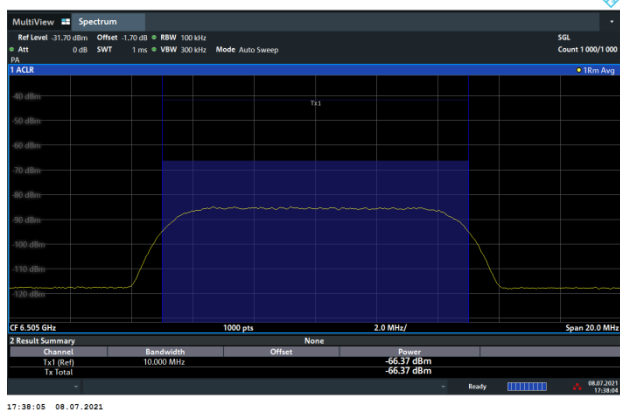
802.11ax (HE160) / CH47 (Upper edge)
Test result is pass due to no transmission occur.



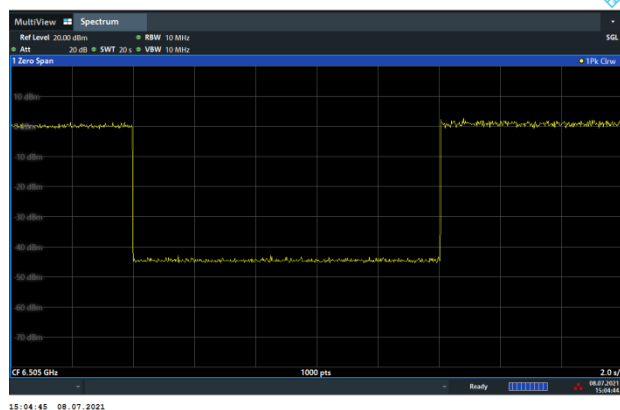
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)
802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -65.12dBm/MHz
802.11ax (HE20) / CH101
Test result is pass due to no transmission occur.

802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -65.06dBm/MHz
802.11ax (HE160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.




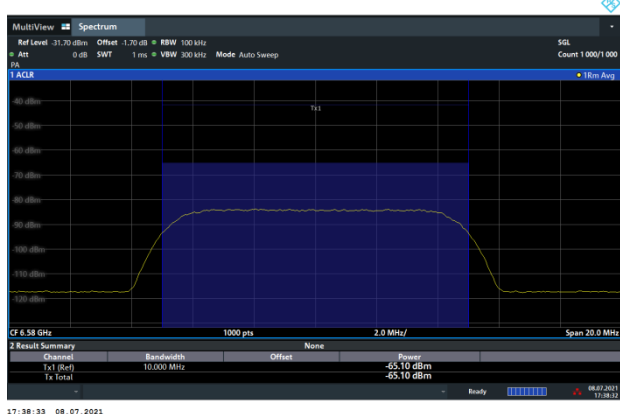
802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -66.37dBm/MHz



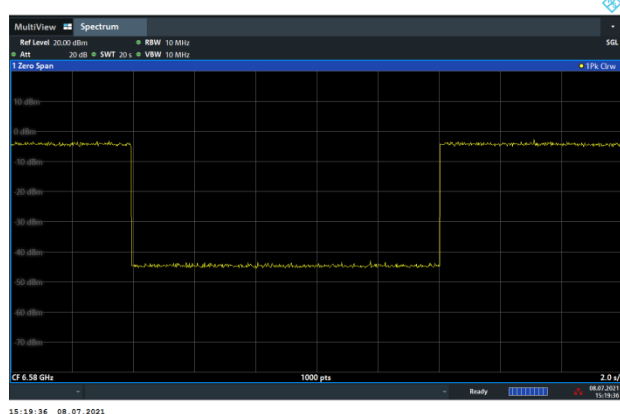
802.11ax (HE160) / CH111 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -65.1dBm/MHz



802.11ax (HE160) / CH111 (Upper edge)
Test result is pass due to no transmission occur.

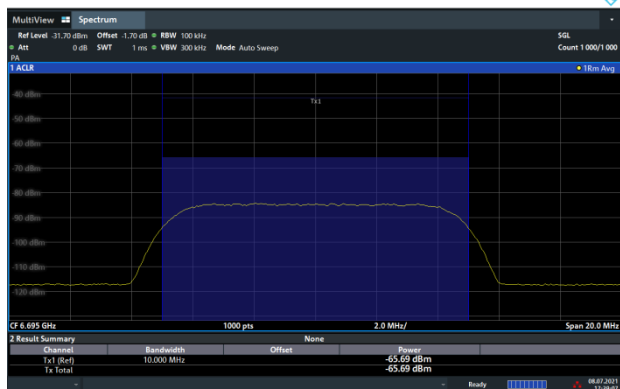




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

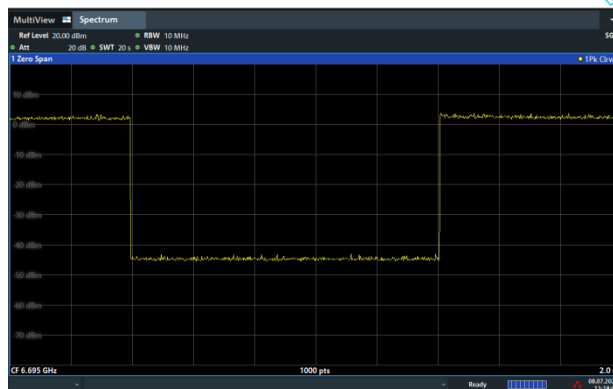
802.11ax (HE20) / 6695MHz

Threshold Level (TL) = -65.69dBm/MHz



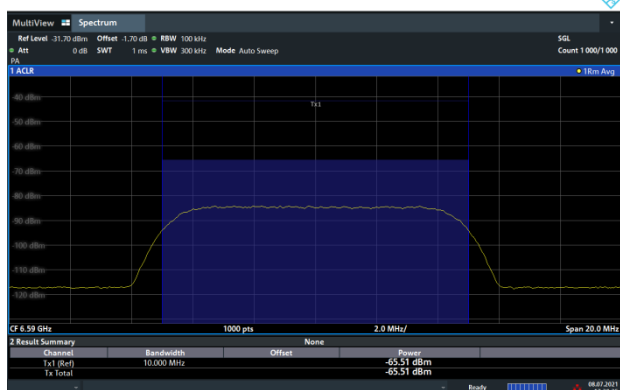
802.11ax (HE20) / CH149

Test result is pass due to no transmission occur.



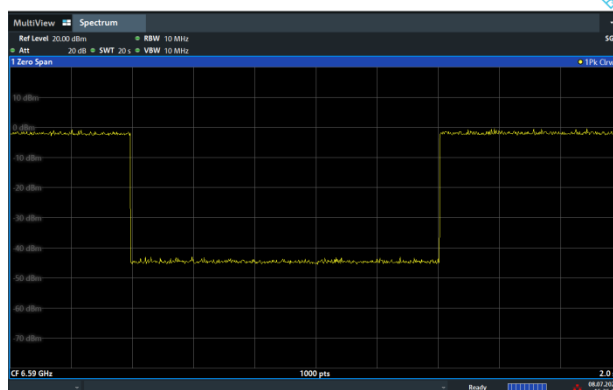
802.11ax (HE160) / 6590MHz (Lower edge)

Threshold Level (TL) = -65.51dBm/MHz



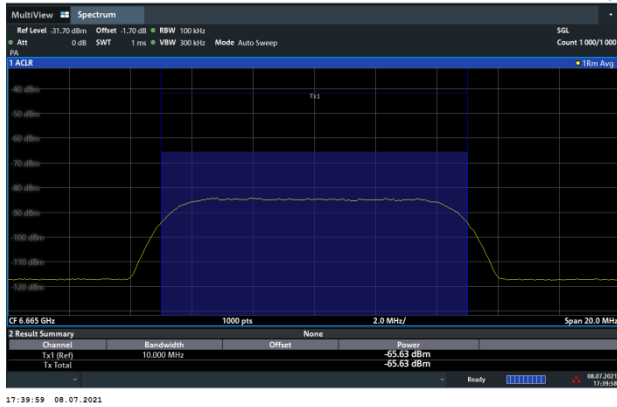
802.11ax (HE160) / CH143 (Lower edge)

Test result is pass due to no transmission occur.

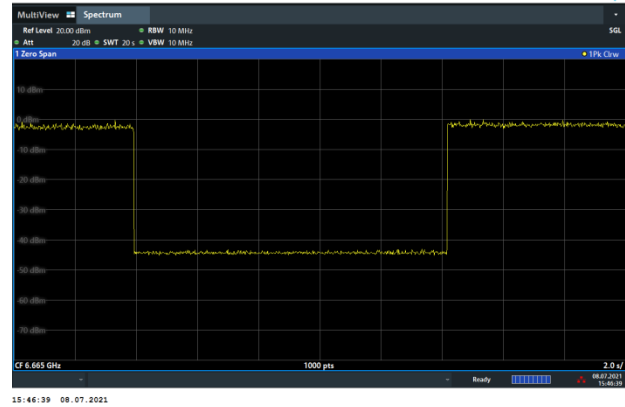




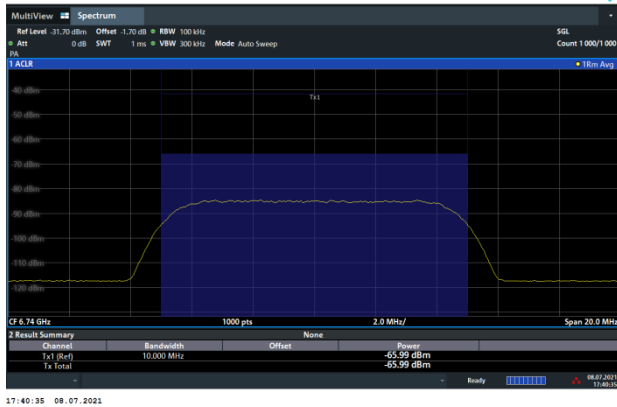
802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -65.63dBm/MHz



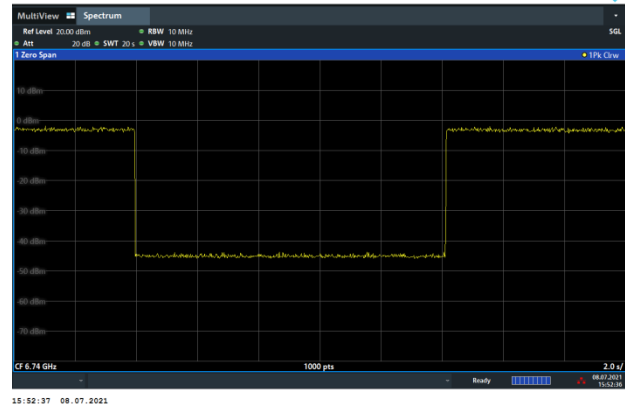
802.11ax (HE160) / CH143 (Middle)
Test result is pass due to no transmission occur.

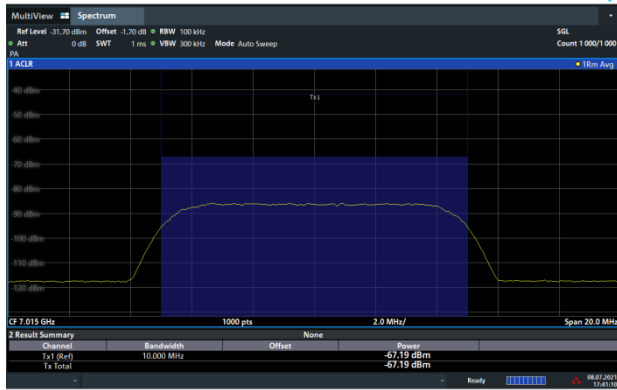
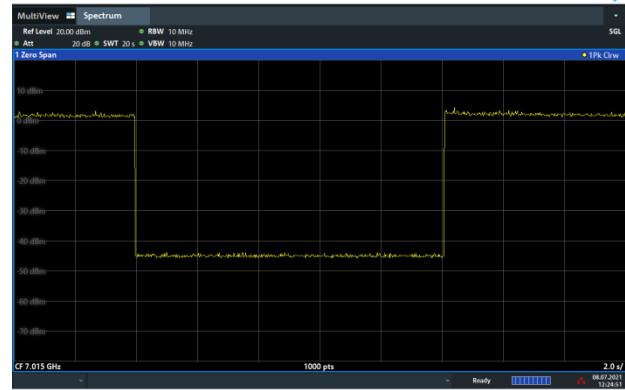
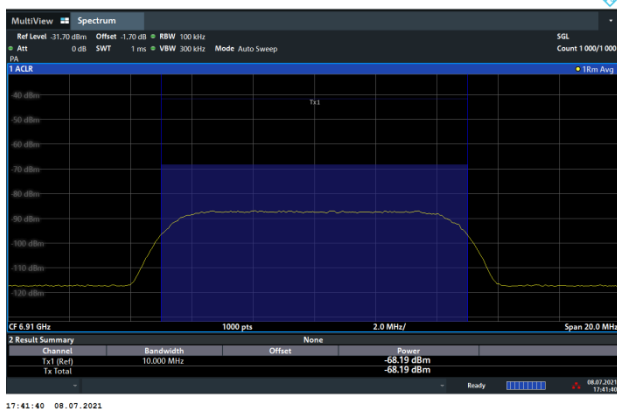
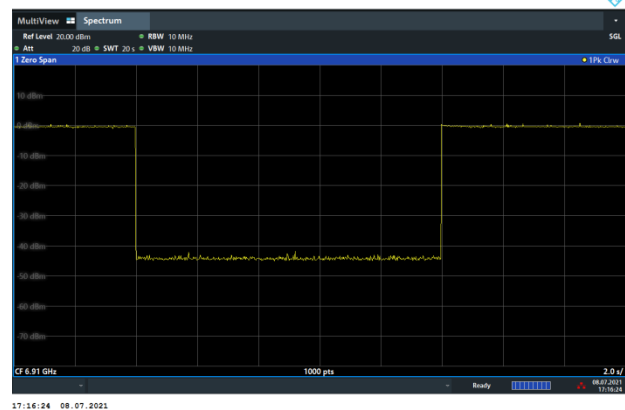


802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -65.99dBm/MHz



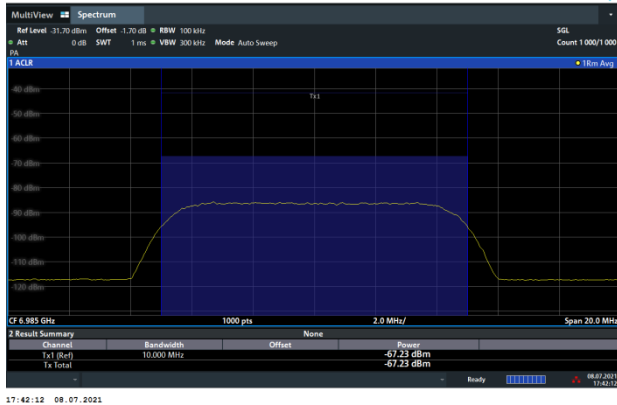
802.11ax (HE160) / CH143 (Upper edge)
Test result is pass due to no transmission occur.



Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)
802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -67.19dBm/MHz

802.11ax (HE20) / CH213
Test result is pass due to no transmission occur.

802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -68.19dBm/MHz

802.11ax (HE160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.


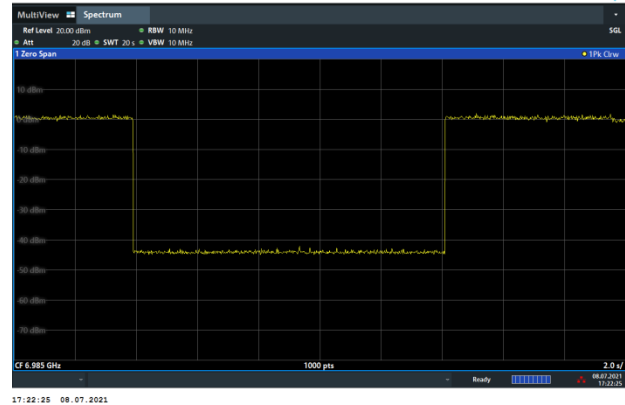


802.11ax (HE160) / 6985MHz (Middle)
Threshold Level (TL) = -67.23dBm/MHz



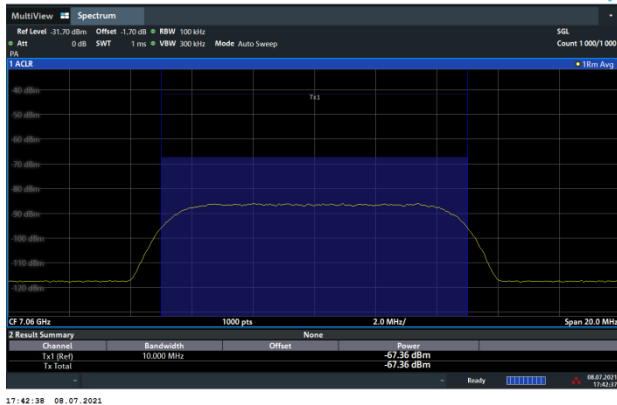
17:42:12 08.07.2021

802.11ax (HE160) / CH207 (Middle)
Test result is pass due to no transmission occur.



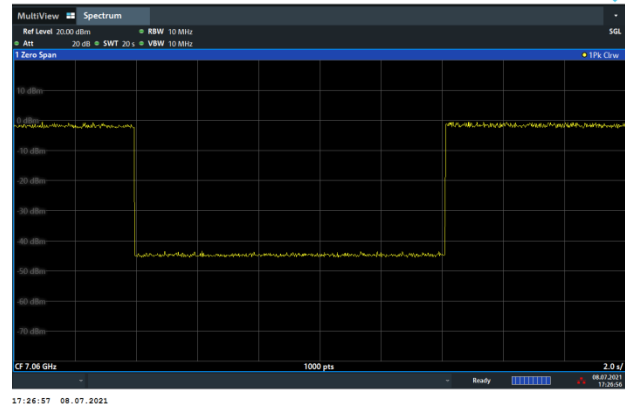
17:22:25 08.07.2021

802.11ax (HE160) / 7060MHz (Upper edge)
Threshold Level (TL) = -67.36dBm/MHz



17:42:38 08.07.2021

802.11ax (HE160) / CH207 (Upper edge)
Test result is pass due to no transmission occur.



17:26:57 08.07.2021

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

See list of measuring equipment of this test report.

3.6.3 Test Procedures

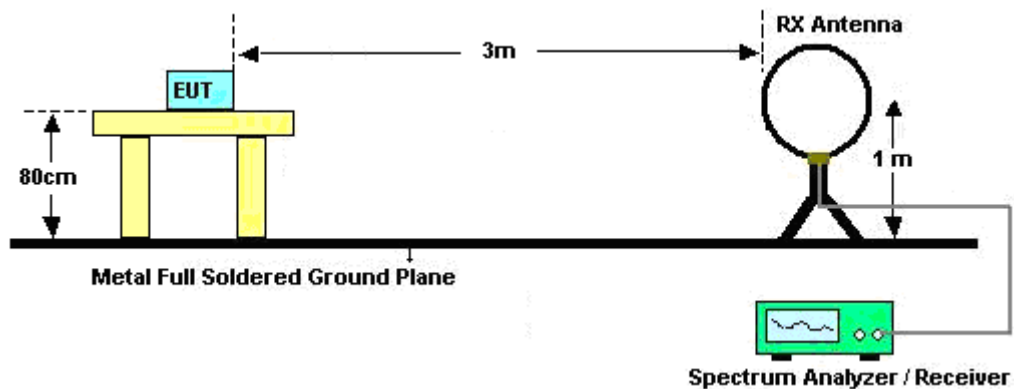
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted 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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading.
When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as "-".

7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading for scanning all frequencies.

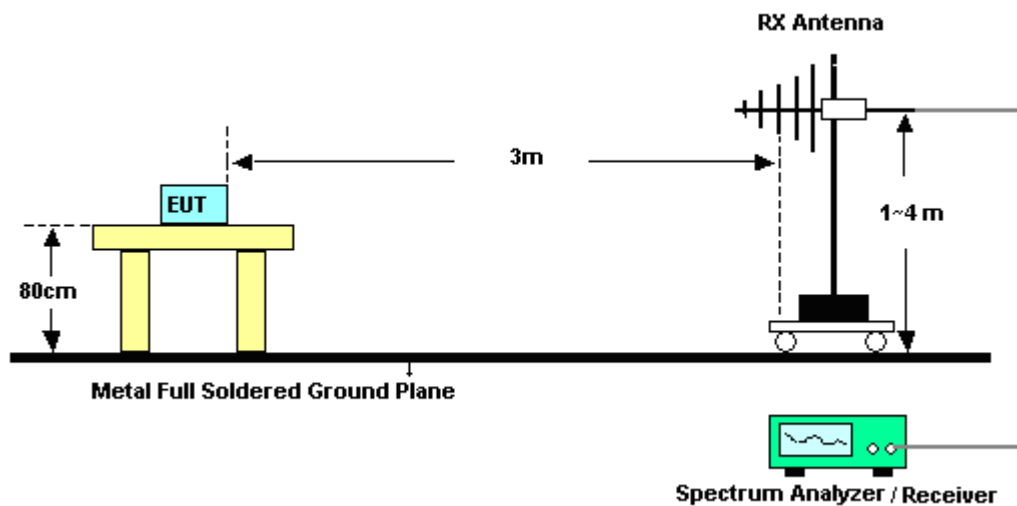
When there is no suspected emission found and the harmonic emission level is withat least 6dB margin against average limit line, the position is marked as “-”.

3.6.4 Test Setup

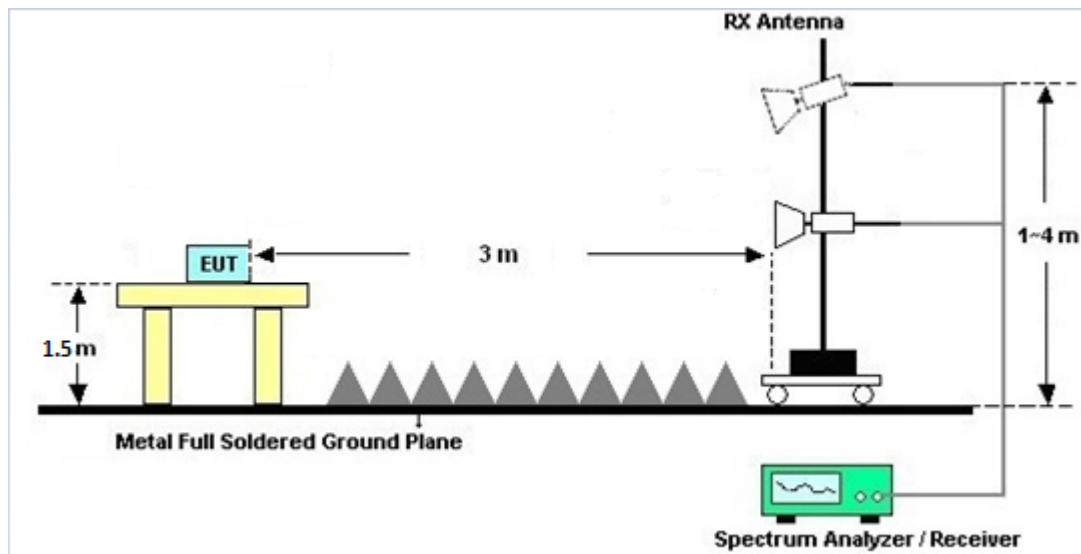
For radiated emissions below 30MHz



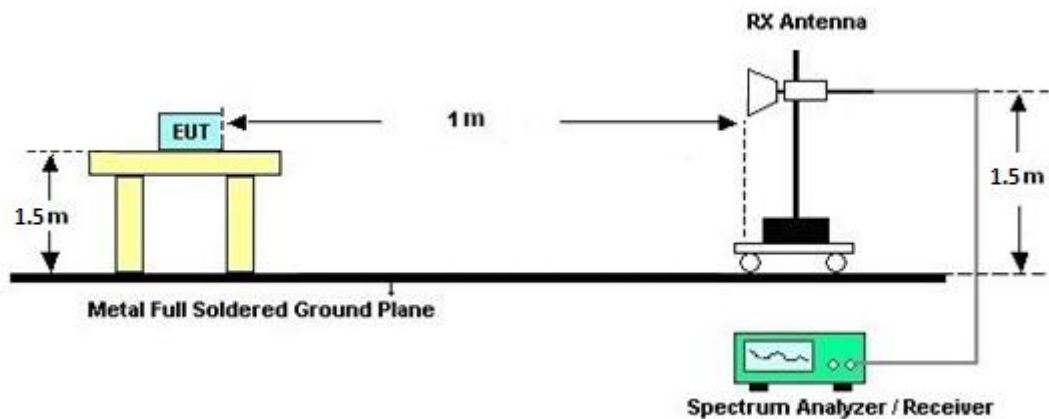
For radiated emissions from 30MHz to 1GHz



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 started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is 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.

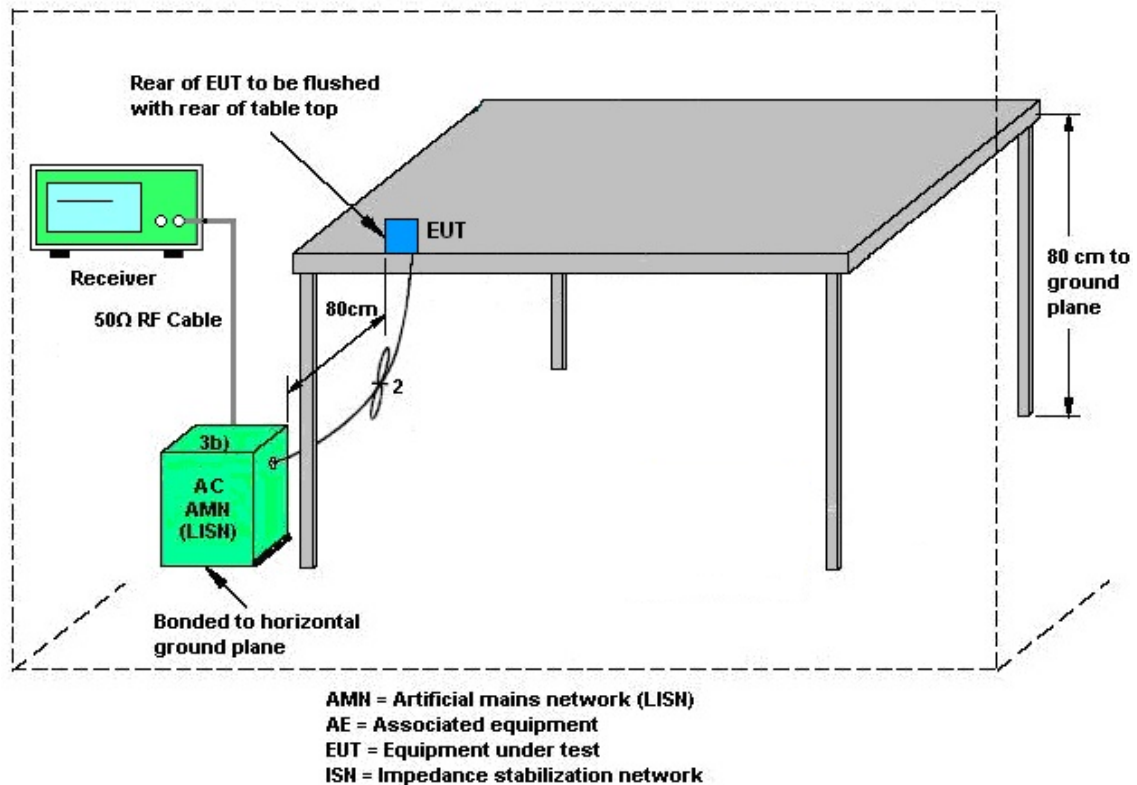
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.2 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

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

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

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

The EUT supports CDD mode.

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

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

The directional gain "DG" is calculated as following table.

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

where

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

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

N_{ANT} = the total number of antennas

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

G_k is the gain in dBi of the k th antenna.



			DG for Power (dBi)	DG for PSD (dBi)
	Ant. 4 (dBi)	Ant. 3 (dBi)		
5925 MHz ~ 6425 MHz	-0.30	-1.40	-0.30	2.18
6425 MHz ~ 6525 MHz	0.40	0.40	0.40	3.41
6525 MHz ~ 6875 MHz	0.00	0.90	0.90	3.47
6875 MHz ~ 7125 MHz	0.50	-1.30	0.50	2.66

Calculation example:

For the band 5925~6425MHz, the DG for PSD is derived from formula is

$$10 \times \log \{ \{ [10^{(-0.3\text{dBi} / 20)} + 10^{(-1.4 \text{ dBi} / 20)}] ^ 2 \} / 2 \}$$

$$= 2.18 \text{ dBi}$$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Jun. 22, 2021~ Jun. 30, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Jun. 22, 2021~ Jun. 30, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Jun. 22, 2021~ Jun. 30, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Jun. 22, 2021~ Jun. 30, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 18, 2021	Jun. 22, 2021~ Jun. 30, 2021	May 17, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A023 62	1GHz~26.5GHz	Oct. 31, 2020	Jun. 22, 2021~ Jun. 30, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Jun. 22, 2021~ Jun. 30, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY523502 76	3Hz~44GHz	Jun. 11, 2021	Jun. 22, 2021~ Jun. 30, 2021	Jun. 10, 2022	Radiation (03CH07-HY)
Filter	Wainwright	WLKS1200-8 SS	SN3	1.2GHz Low Pass Filter	Aug. 21, 2020	Jun. 22, 2021~ Jun. 30, 2021	Aug. 20, 2021	Radiation (03CH07-HY)
Filter	Microwave	H3G018G1	SN477219	3GHz High Pass Filter	Oct. 31, 2020	Jun. 22, 2021~ Jun. 30, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Jun. 22, 2021~ Jun. 30, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Jun. 22, 2021~ Jun. 30, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Jun. 22, 2021~ Jun. 30, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2, 801606/2	18GHz~40GHz	Feb. 24, 2021	Jun. 22, 2021~ Jun. 30, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/12 6E	30MHz~18GHz	Sep. 18, 2020	Jun. 22, 2021~ Jun. 30, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
Attenuator	HONOVA	5910 SMA-50-005-19-NE	ATT-36	N/A	Oct. 31, 2020	Jun. 22, 2021~ Jun. 30, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB24 95	N/A	N/A	Jun. 22, 2021~ Jun. 30, 2021	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 251	18GHz~40GHz	Dec. 02, 2020	Jun. 22, 2021~ Jun. 30, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000 -40ST	SN7	6.75GHz High Pass Filter	Aug. 21, 2020	Jun. 22, 2021~ Jun. 30, 2021	Aug. 20, 2021	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Filter	Wainwright	WHW2-7100-10000-18000-40CC	SN3	10GHz High Pass Filter	May 25, 2021	Jun. 22, 2021~ Jun. 30, 2021	May 24, 2022	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN1	N/A	Jan. 08, 2021	Jun. 22, 2021~ Jun. 30, 2021	Jan. 07, 2022	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN2	N/A	Jan. 08, 2021	Jun. 22, 2021~ Jun. 30, 2021	Jan. 07, 2022	Radiation (03CH07-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Jun. 12, 2021~ Aug. 22, 2021	Mar. 02, 2022	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	RPR6W-2101001	10MHz~8GHz	Feb. 03, 2021	Jun. 12, 2021~ Aug. 22, 2021	Feb. 02, 2022	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Jun. 12, 2021~ Jun. 20, 2021	Jul. 21, 2021	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Nov. 13, 2020	Aug. 21, 2021~ Aug. 22, 2021	Nov. 12, 2021	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Jun. 12, 2021~ Aug. 22, 2021	Mar. 16, 2022	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 02, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Jul. 02, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Jul. 02, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Jul. 02, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 02, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Jul. 02, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Jul. 02, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 11, 2021	Jul. 08, 2021	Jan. 10, 2022	CBP (DFS02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Jul. 08, 2021	Apr. 19, 2022	CBP (DFS02-HY)
Power Divider	Woken	2Way Divider	DCMB1K W7A1	0.5GHz-18GHz	Calibration from System	Jul. 08, 2021	Calibration from System	CBP (DFS02-HY)
Power Divider	Woken	2Way Divider	DCMB1K W7A2	0.5GHz-18GHz	Calibration from System	Jul. 08, 2021	Calibration from System	CBP (DFS02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW 3A1	0.5-18GHz	Calibration from System	Jul. 08, 2021	Calibration from System	CBP (DFS02-HY)
Power Divider	Woken	3Way SMA Power Divider Rated to 20W	STI08-001 0(#2)	2GHz-8GHz	Calibration from System	Jul. 08, 2021	Calibration from System	CBP (DFS02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.1 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu	Temperature:	23~24.5	°C
Test Date:	2021/6/12~2021/8/22	Relative Humidity:	47.2~57.2	%

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	5955	Full	19.73	19.83	21.94	21.80	
HE20	MCS0	2	6195	Full	19.58	19.58	21.85	21.55	
HE20	MCS0	2	6415	Full	19.73	19.83	21.90	21.80	
HE40	MCS0	2	5965	Full	38.66	38.96	39.96	39.78	
HE40	MCS0	2	6205	Full	38.46	38.36	39.69	39.69	
HE40	MCS0	2	6405	Full	38.56	38.56	39.87	39.51	
HE80	MCS0	2	5985	Full	77.20	77.20	81.76	81.60	
HE80	MCS0	2	6225	Full	77.20	77.08	81.28	80.92	
HE80	MCS0	2	6385	Full	77.20	77.08	81.60	82.20	
HE160	MCS0	2	6025	Full	156.32	156.32	166.08	165.12	
HE160	MCS0	2	6185	Full	156.80	156.32	165.76	165.44	
HE160	MCS0	2	6345	Full	156.80	156.56	165.44	163.84	

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO												
Mod.	Data Rate	NTX	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	5955	Full	4.60	4.60	7.61	-0.30		7.31	24.00	Pass
HE20	MCS0	2	5955	26/0	-5.10	-5.30	-2.19	-0.30		-2.49	24.00	Pass
HE20	MCS0	2	5955	52/37	-2.80	-2.70	0.26	-0.30		-0.04	24.00	Pass
HE20	MCS0	2	5955	106/53	0.40	0.10	3.26	-0.30		2.96	24.00	Pass
HE20	MCS0	2	6195	Full	3.90	4.40	7.17	-0.30		6.87	24.00	Pass
HE20	MCS0	2	6195	26/4	-4.70	-4.50	-1.59	-0.30		-1.89	24.00	Pass
HE20	MCS0	2	6195	52/39	-2.40	-2.30	0.66	-0.30		0.36	24.00	Pass
HE20	MCS0	2	6195	106/53	0.10	0.40	3.26	-0.30		2.96	24.00	Pass
HE20	MCS0	2	6415	Full	4.50	4.10	7.31	-0.30		7.01	24.00	Pass
HE20	MCS0	2	6415	26/8	-5.20	-5.50	-2.34	-0.30		-2.64	24.00	Pass
HE20	MCS0	2	6415	52/40	-2.60	-3.40	0.03	-0.30		-0.27	24.00	Pass
HE20	MCS0	2	6415	106/54	0.30	0.70	3.51	-0.30		3.21	24.00	Pass
HE40	MCS0	2	5965	Full	6.50	6.40	9.46	-0.30		9.16	24.00	Pass
HE40	MCS0	2	6205	Full	6.80	7.20	10.01	-0.30		9.71	24.00	Pass
HE40	MCS0	2	6405	Full	6.60	7.40	10.03	-0.30		9.73	24.00	Pass
HE80	MCS0	2	5985	Full	10.20	10.80	13.52	-0.30		13.22	24.00	Pass
HE80	MCS0	2	6225	Full	9.20	10.50	12.91	-0.30		12.61	24.00	Pass
HE80	MCS0	2	6385	Full	9.80	10.50	13.17	-0.30		12.87	24.00	Pass
HE160	MCS0	2	6025	Full	13.00	13.50	16.27	-0.30		15.97	24.00	Pass
HE160	MCS0	2	6185	Full	12.70	13.40	16.07	-0.30		15.77	24.00	Pass
HE160	MCS0	2	6345	Full	12.60	13.40	16.03	-0.30		15.73	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band V MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
HE20	MCS0	2	5955	Full		-3.53	2.18	-1.35	-1.00	Pass		
HE20	MCS0	2	5955	26/0		-3.64	2.18	-1.47	-1.00	Pass		
HE20	MCS0	2	5955	52/37		-3.68	2.18	-1.50	-1.00	Pass		
HE20	MCS0	2	5955	106/53		-3.73	2.18	-1.55	-1.00	Pass		
HE20	MCS0	2	6195	Full		-3.52	2.18	-1.34	-1.00	Pass		
HE20	MCS0	2	6195	26/4		-3.55	2.18	-1.38	-1.00	Pass		
HE20	MCS0	2	6195	52/39		-3.56	2.18	-1.38	-1.00	Pass		
HE20	MCS0	2	6195	106/53		-3.77	2.18	-1.59	-1.00	Pass		
HE20	MCS0	2	6415	Full		-3.32	2.18	-1.14	-1.00	Pass		
HE20	MCS0	2	6415	26/8		-3.41	2.18	-1.23	-1.00	Pass		
HE20	MCS0	2	6415	52/40		-3.71	2.18	-1.53	-1.00	Pass		
HE20	MCS0	2	6415	106/54		-3.44	2.18	-1.27	-1.00	Pass		
HE40	MCS0	2	5965	Full		-4.16	2.18	-1.98	-1.00	Pass		
HE40	MCS0	2	6205	Full		-3.43	2.18	-1.25	-1.00	Pass		
HE40	MCS0	2	6405	Full		-3.66	2.18	-1.48	-1.00	Pass		
HE80	MCS0	2	5985	Full		-3.48	2.18	-1.30	-1.00	Pass		
HE80	MCS0	2	6225	Full		-3.57	2.18	-1.39	-1.00	Pass		
HE80	MCS0	2	6385	Full		-3.56	2.18	-1.38	-1.00	Pass		
HE160	MCS0	2	6025	Full		-3.31	2.18	-1.13	-1.00	Pass		
HE160	MCS0	2	6185	Full		-3.53	2.18	-1.35	-1.00	Pass		
HE160	MCS0	2	6345	Full		-3.30	2.18	-1.12	-1.00	Pass		

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6435	Full	20.28	20.38	21.90	21.80	
HE20	MCS0	2	6475	Full	19.98	20.28	22.10	22.00	
HE20	MCS0	2	6515	Full	19.93	20.23	22.20	22.00	
HE40	MCS0	2	6445	Full	38.96	38.76	39.96	39.96	
HE40	MCS0	2	6485	Full	38.86	38.66	40.14	39.96	
HE40	MCS0	2	6525	Full	38.76	38.76	40.14	39.87	Straddle CH
HE80	MCS0	2	6465	Full	77.20	77.20	81.60	81.12	
HE80	MCS0	2	6545	Full	77.20	77.20	81.84	81.84	Straddle CH
HE160	MCS0	2	6505	Full	156.80	156.80	166.72	165.44	Straddle CH

TEST RESULTS DATA
EIRP Power Table

FCC Band VI MIMO												
Mod.	Data Rate	NTX	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			
HE20	MCS0	2	6435	Full	3.10	3.00	6.06	0.40		6.46	24.00	Pass
HE20	MCS0	2	6435	26/0	-7.10	-7.80	-4.43	0.40		-4.03	24.00	Pass
HE20	MCS0	2	6435	52/37	-4.40	-4.50	-1.44	0.40		-1.04	24.00	Pass
HE20	MCS0	2	6435	106/53	-0.80	-1.10	2.06	0.40		2.46	24.00	Pass
HE20	MCS0	2	6475	Full	3.20	2.70	5.97	0.40		6.37	24.00	Pass
HE20	MCS0	2	6475	26/4	-6.00	-6.60	-3.28	0.40		-2.88	24.00	Pass
HE20	MCS0	2	6475	52/39	-4.20	-4.80	-1.48	0.40		-1.08	24.00	Pass
HE20	MCS0	2	6475	106/54	-0.80	-1.20	2.01	0.40		2.41	24.00	Pass
HE20	MCS0	2	6515	Full	3.30	2.90	6.11	0.40		6.51	24.00	Pass
HE20	MCS0	2	6515	26/8	-6.80	-7.70	-4.22	0.40		-3.82	24.00	Pass
HE20	MCS0	2	6515	52/40	-4.10	-5.00	-1.52	0.40		-1.12	24.00	Pass
HE20	MCS0	2	6515	106/54	-0.80	-1.50	1.87	0.40		2.27	24.00	Pass
HE40	MCS0	2	6445	Full	5.60	6.20	8.92	0.40		9.32	24.00	Pass
HE40	MCS0	2	6485	Full	6.10	6.00	9.06	0.40		9.46	24.00	Pass
HE80	MCS0	2	6465	Full	9.40	8.80	12.12	0.40		12.52	24.00	Pass

FCC Band VI straddle channel MIMO												
Mod.	Data Rate	NTX	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			
HE40	MCS0	2	6525	Full	5.70	6.10	8.91	0.40		9.31	24.00	Pass
HE80	MCS0	2	6545	Full	9.40	8.30	11.90	0.40		12.30	24.00	Pass
HE160	MCS0	2	6505	Full	11.70	11.90	14.81	0.40		15.21	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
HE20	MCS0	2	6435	Full		-4.73	3.41	-1.31	-1.00	Pass		
HE20	MCS0	2	6435	26/0		-4.96	3.41	-1.55	-1.00	Pass		
HE20	MCS0	2	6435	52/37		-5.02	3.41	-1.61	-1.00	Pass		
HE20	MCS0	2	6435	106/53		-5.12	3.41	-1.71	-1.00	Pass		
HE20	MCS0	2	6475	Full		-4.81	3.41	-1.40	-1.00	Pass		
HE20	MCS0	2	6475	26/4		-5.10	3.41	-1.69	-1.00	Pass		
HE20	MCS0	2	6475	52/39		-5.07	3.41	-1.66	-1.00	Pass		
HE20	MCS0	2	6475	106/54		-4.99	3.41	-1.58	-1.00	Pass		
HE20	MCS0	2	6515	Full		-4.87	3.41	-1.45	-1.00	Pass		
HE20	MCS0	2	6515	26/8		-5.14	3.41	-1.73	-1.00	Pass		
HE20	MCS0	2	6515	52/40		-5.05	3.41	-1.64	-1.00	Pass		
HE20	MCS0	2	6515	106/54		-5.03	3.41	-1.62	-1.00	Pass		
HE40	MCS0	2	6445	Full		-4.51	3.41	-1.10	-1.00	Pass		
HE40	MCS0	2	6485	Full		-4.59	3.41	-1.18	-1.00	Pass		
HE80	MCS0	2	6465	Full		-4.65	3.41	-1.24	-1.00	Pass		

FCC Band VI straddle channel MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
HE40	MCS0	2	6525	Full			-4.75	3.41	-1.34	-1.00	Pass	
HE80	MCS0	2	6545	Full			-4.75	3.41	-1.33	-1.00	Pass	
HE160	MCS0	2	6505	Full			-4.81	3.41	-1.40	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6535	Full	19.78	20.23	22.00	21.70	
HE20	MCS0	2	6695	Full	20.58	25.82	22.10	21.90	
HE20	MCS0	2	6855	Full	21.78	23.58	22.00	22.00	
HE20	MCS0	2	6875	Full	20.93	25.52	21.85	21.90	Straddle CH
HE40	MCS0	2	6565	Full	38.66	39.06	39.96	39.96	
HE40	MCS0	2	6685	Full	38.86	39.56	40.32	39.69	
HE40	MCS0	2	6845	Full	39.56	39.56	39.87	39.78	
HE40	MCS0	2	6885	Full	41.06	40.56	39.78	40.05	Straddle CH
HE80	MCS0	2	6625	Full	77.20	77.08	81.04	81.52	
HE80	MCS0	2	6705	Full	77.20	77.20	81.60	81.36	
HE80	MCS0	2	6785	Full	77.08	77.08	81.52	80.88	
HE80	MCS0	2	6865	Full	77.20	77.32	81.68	81.68	Straddle CH
HE160	MCS0	2	6665	Full	156.56	156.56	168.00	164.80	
HE160	MCS0	2	6825	Full	156.80	156.80	165.44	192.29	Straddle CH

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO												
Mod.	Data Rate	NTX	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			
HE20	MCS0	2	6535	Full	3.50	3.00	6.27	0.90		7.17	24.00	Pass
HE20	MCS0	2	6535	26/0	-6.40	-6.90	-3.63	0.90		-2.73	24.00	Pass
HE20	MCS0	2	6535	52/37	-3.20	-4.60	-0.83	0.90		0.07	24.00	Pass
HE20	MCS0	2	6535	106/53	-0.10	-1.10	2.44	0.90		3.34	24.00	Pass
HE20	MCS0	2	6695	Full	3.20	2.50	5.87	0.90		6.77	24.00	Pass
HE20	MCS0	2	6695	26/4	-5.20	-6.20	-2.66	0.90		-1.76	24.00	Pass
HE20	MCS0	2	6695	52/38	-3.50	-4.70	-1.05	0.90		-0.15	24.00	Pass
HE20	MCS0	2	6695	106/53	-0.50	-1.60	2.00	0.90		2.90	24.00	Pass
HE20	MCS0	2	6855	Full	2.90	2.90	5.91	0.90		6.81	24.00	Pass
HE20	MCS0	2	6855	26/8	-6.20	-7.20	-3.66	0.90		-2.76	24.00	Pass
HE20	MCS0	2	6855	52/40	-3.70	-4.20	-0.93	0.90		-0.03	24.00	Pass
HE20	MCS0	2	6855	106/54	-0.60	-0.90	2.26	0.90		3.16	24.00	Pass
HE40	MCS0	2	6565	Full	6.60	5.70	9.18	0.90		10.08	24.00	Pass
HE40	MCS0	2	6685	Full	6.40	5.40	8.94	0.90		9.84	24.00	Pass
HE40	MCS0	2	6845	Full	6.30	6.20	9.26	0.90		10.16	24.00	Pass
HE80	MCS0	2	6625	Full	9.60	8.70	12.18	0.90		13.08	24.00	Pass
HE80	MCS0	2	6705	Full	9.30	8.80	12.07	0.90		12.97	24.00	Pass
HE80	MCS0	2	6785	Full	8.70	9.00	11.86	0.90		12.76	24.00	Pass
HE160	MCS0	2	6665	Full	11.60	11.20	14.41	0.90		15.31	24.00	Pass

FCC Band VII straddle channel MIMO												
Mod.	Data Rate	NTX	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			
HE20	MCS0	2	6875	Full	2.70	3.10	5.91	0.90		6.81	24.00	Pass
HE20	MCS0	2	6875	26/8	-6.50	-6.80	-3.64	0.90		-2.74	24.00	Pass
HE20	MCS0	2	6875	52/40	-3.90	-4.30	-1.09	0.90		-0.19	24.00	Pass
HE20	MCS0	2	6875	106/54	-0.90	-0.90	2.11	0.90		3.01	24.00	Pass
HE40	MCS0	2	6885	Full	5.70	5.90	8.81	0.90		9.71	24.00	Pass
HE80	MCS0	2	6865	Full	8.60	8.90	11.76	0.90		12.66	24.00	Pass
HE160	MCS0	2	6825	Full	11.40	11.60	14.51	0.90		15.41	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VII MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
HE20	MCS0	2	6535	Full			-4.63	3.47	-1.16	-1.00	Pass	
HE20	MCS0	2	6535	26/0			-4.67	3.47	-1.20	-1.00	Pass	
HE20	MCS0	2	6535	52/37			-4.82	3.47	-1.35	-1.00	Pass	
HE20	MCS0	2	6535	106/53			-4.67	3.47	-1.20	-1.00	Pass	
HE20	MCS0	2	6695	Full			-4.62	3.47	-1.14	-1.00	Pass	
HE20	MCS0	2	6695	26/4			-4.65	3.47	-1.18	-1.00	Pass	
HE20	MCS0	2	6695	52/38			-4.96	3.47	-1.49	-1.00	Pass	
HE20	MCS0	2	6695	106/53			-4.95	3.47	-1.48	-1.00	Pass	
HE20	MCS0	2	6855	Full			-4.64	3.47	-1.17	-1.00	Pass	
HE20	MCS0	2	6855	26/8			-4.81	3.47	-1.33	-1.00	Pass	
HE20	MCS0	2	6855	52/40			-4.84	3.47	-1.37	-1.00	Pass	
HE20	MCS0	2	6855	106/54			-4.78	3.47	-1.31	-1.00	Pass	
HE40	MCS0	2	6565	Full			-4.51	3.47	-1.03	-1.00	Pass	
HE40	MCS0	2	6685	Full			-4.80	3.47	-1.32	-1.00	Pass	
HE40	MCS0	2	6845	Full			-4.61	3.47	-1.13	-1.00	Pass	
HE80	MCS0	2	6625	Full			-4.73	3.47	-1.26	-1.00	Pass	
HE80	MCS0	2	6705	Full			-4.95	3.47	-1.48	-1.00	Pass	
HE80	MCS0	2	6785	Full			-4.76	3.47	-1.29	-1.00	Pass	
HE160	MCS0	2	6665	Full			-4.96	3.47	-1.49	-1.00	Pass	

FCC Band VII straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6875	Full			-4.66	3.47	-1.19	-1.00	Pass	
HE20	MCS0	2	6875	26/8			-4.93	3.47	-1.46	-1.00	Pass	
HE20	MCS0	2	6875	52/40			-4.67	3.47	-1.20	-1.00	Pass	
HE20	MCS0	2	6875	106/54			-4.87	3.47	-1.40	-1.00	Pass	
HE40	MCS0	2	6885	Full			-4.76	3.47	-1.29	-1.00	Pass	
HE80	MCS0	2	6865	Full			-4.81	3.47	-1.34	-1.00	Pass	
HE160	MCS0	2	6825	Full			-4.78	3.47	-1.31	-1.00	Pass	

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6895	Full	21.88	20.18	22.00	21.80	
HE20	MCS0	2	6995	Full	20.93	20.13	21.95	21.60	
HE20	MCS0	2	7095	Full	19.23	19.28	21.85	22.00	
HE40	MCS0	2	6925	Full	42.46	38.96	40.05	39.69	
HE40	MCS0	2	7005	Full	43.56	41.06	40.14	39.87	
HE40	MCS0	2	7085	Full	38.16	38.06	40.05	39.96	
HE80	MCS0	2	6945	Full	77.20	77.20	82.05	80.93	
HE80	MCS0	2	7025	Full	77.20	77.08	81.24	80.76	
HE160	MCS0	2	6985	Full	156.32	156.32	177.91	189.43	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO												
Mod.	Data Rate	NTX	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			
HE20	MCS0	2	6895	Full	3.30	4.30	6.84	0.50		7.34	24.00	Pass
HE20	MCS0	2	6895	26/0	-6.50	-5.80	-3.13	0.50		-2.63	24.00	Pass
HE20	MCS0	2	6895	52/37	-3.10	-2.40	0.27	0.50		0.77	24.00	Pass
HE20	MCS0	2	6895	106/53	-0.70	0.30	2.84	0.50		3.34	24.00	Pass
HE20	MCS0	2	6995	Full	3.30	3.80	6.57	0.50		7.07	24.00	Pass
HE20	MCS0	2	6995	26/4	-5.30	-4.60	-1.93	0.50		-1.43	24.00	Pass
HE20	MCS0	2	6995	52/38	-3.70	-3.00	-0.33	0.50		0.17	24.00	Pass
HE20	MCS0	2	6995	106/53	-0.10	0.50	3.22	0.50		3.72	24.00	Pass
HE20	MCS0	2	7095	Full	3.70	4.20	6.97	0.50		7.47	24.00	Pass
HE20	MCS0	2	7095	26/8	-5.20	-4.90	-2.04	0.50		-1.54	24.00	Pass
HE20	MCS0	2	7095	52/40	-2.30	-1.80	0.97	0.50		1.47	24.00	Pass
HE20	MCS0	2	7095	106/54	0.50	0.50	3.51	0.50		4.01	24.00	Pass
HE40	MCS0	2	6925	Full	5.90	6.70	9.33	0.50		9.83	24.00	Pass
HE40	MCS0	2	7005	Full	6.00	6.40	9.21	0.50		9.71	24.00	Pass
HE40	MCS0	2	7085	Full	5.70	6.10	8.91	0.50		9.41	24.00	Pass
HE80	MCS0	2	6945	Full	9.50	10.00	12.77	0.50		13.27	24.00	Pass
HE80	MCS0	2	7025	Full	9.80	9.90	12.86	0.50		13.36	24.00	Pass
HE160	MCS0	2	6985	Full	12.30	12.50	15.41	0.50		15.91	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VIII MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3			
HE20	MCS0	2	6895	Full			-3.93	2.66		-1.27	-1.00	Pass
HE20	MCS0	2	6895	26/0			-4.17	2.66		-1.52	-1.00	Pass
HE20	MCS0	2	6895	52/37			-4.02	2.66		-1.36	-1.00	Pass
HE20	MCS0	2	6895	106/53			-4.30	2.66		-1.65	-1.00	Pass
HE20	MCS0	2	6995	Full			-3.96	2.66		-1.30	-1.00	Pass
HE20	MCS0	2	6995	26/4			-3.97	2.66		-1.31	-1.00	Pass
HE20	MCS0	2	6995	52/38			-4.35	2.66		-1.69	-1.00	Pass
HE20	MCS0	2	6995	106/53			-4.32	2.66		-1.66	-1.00	Pass
HE20	MCS0	2	7095	Full			-3.73	2.66		-1.07	-1.00	Pass
HE20	MCS0	2	7095	26/8			-4.10	2.66		-1.44	-1.00	Pass
HE20	MCS0	2	7095	52/40			-3.95	2.66		-1.30	-1.00	Pass
HE20	MCS0	2	7095	106/54			-3.90	2.66		-1.24	-1.00	Pass
HE40	MCS0	2	6925	Full			-4.14	2.66		-1.48	-1.00	Pass
HE40	MCS0	2	7005	Full			-4.11	2.66		-1.45	-1.00	Pass
HE40	MCS0	2	7085	Full			-4.65	2.66		-1.99	-1.00	Pass
HE80	MCS0	2	6945	Full			-3.95	2.66		-1.29	-1.00	Pass
HE80	MCS0	2	7025	Full			-3.93	2.66		-1.27	-1.00	Pass
HE160	MCS0	2	6985	Full			-4.04	2.66		-1.38	-1.00	Pass



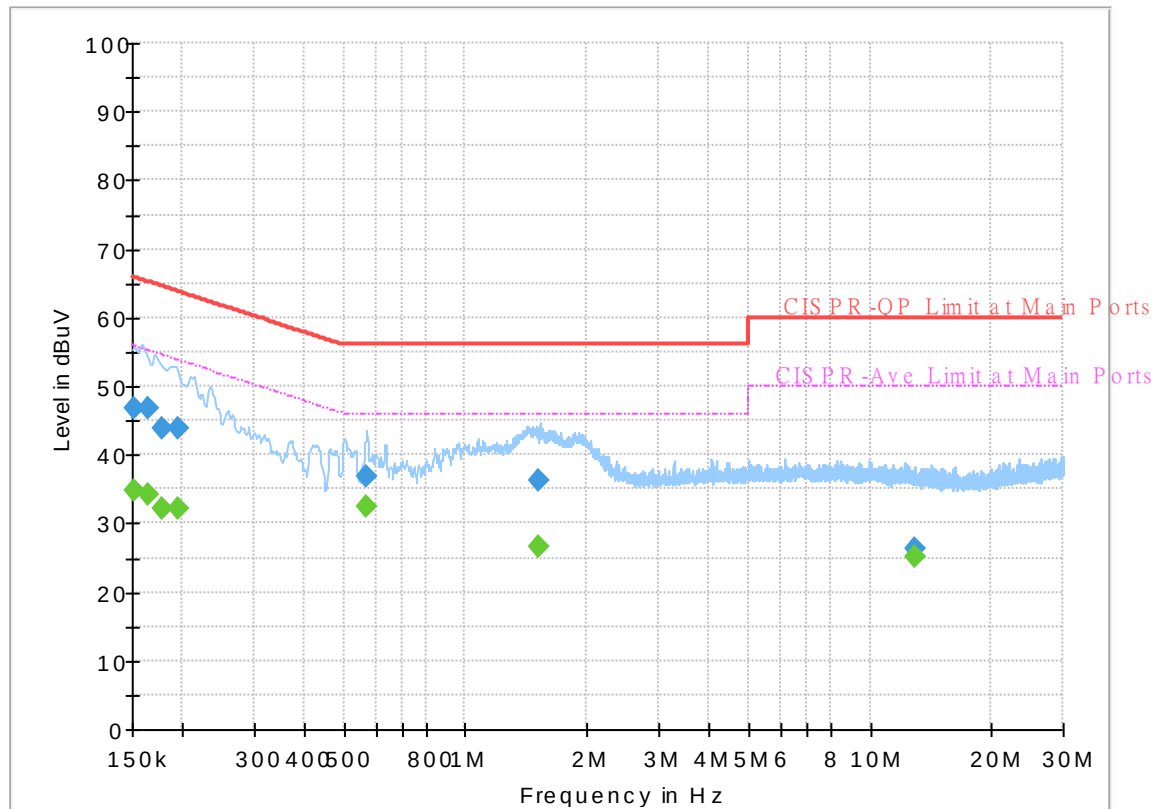
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	Temperature :	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO : 0D2942-04
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



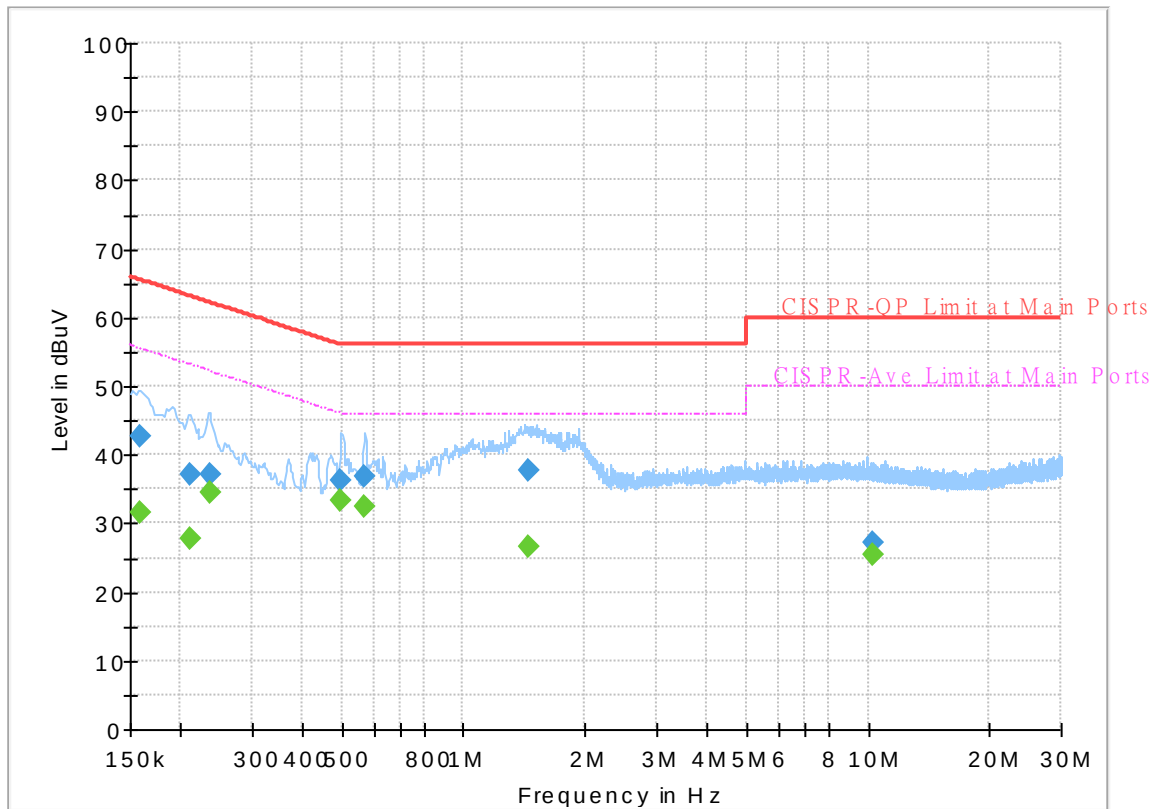
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.72	55.88	21.16	L1	OFF	19.5
0.152250	46.74	---	65.88	19.14	L1	OFF	19.5
0.163500	---	34.34	55.28	20.94	L1	OFF	19.5
0.163500	46.69	---	65.28	18.59	L1	OFF	19.5
0.177000	---	32.15	54.63	22.48	L1	OFF	19.5
0.177000	43.78	---	64.63	20.85	L1	OFF	19.5
0.193920	---	32.15	53.87	21.72	L1	OFF	19.5
0.193920	43.85	---	63.87	20.02	L1	OFF	19.5
0.568500	---	32.56	46.00	13.44	L1	OFF	19.7
0.568500	36.85	---	56.00	19.15	L1	OFF	19.7
1.523490	---	26.49	46.00	19.51	L1	OFF	20.0
1.523490	36.26	---	56.00	19.74	L1	OFF	20.0
12.874290	---	25.01	50.00	24.99	L1	OFF	20.1
12.874290	26.37	---	60.00	33.63	L1	OFF	20.1

EUT Information

Report NO : 0D2942-04
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)
0.159000	42.71	---	65.52	22.81	N	OFF	19.5
0.159000	---	31.68	55.52	23.84	N	OFF	19.5
0.210750	37.26	---	63.18	25.92	N	OFF	19.5
0.210750	---	27.78	53.18	25.40	N	OFF	19.5
0.235500	37.07	---	62.25	25.18	N	OFF	19.5
0.235500	---	34.47	52.25	17.78	N	OFF	19.5
0.498750	36.28	---	56.02	19.74	N	OFF	19.7
0.498750	---	33.22	46.02	12.80	N	OFF	19.7
0.570750	36.96	---	56.00	19.04	N	OFF	19.8
0.570750	---	32.39	46.00	13.61	N	OFF	19.8
1.446000	37.75	---	56.00	18.25	N	OFF	20.0
1.446000	---	26.64	46.00	19.36	N	OFF	20.0
10.290750	27.08	---	60.00	32.92	N	OFF	20.1
10.290750	---	25.49	50.00	24.51	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	20.2~27.4°C
		Relative Humidity :	48.9~63.1%

Band 5 - 5925~6425MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	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)
802.11ax HE20 Full CH 01 5955MHz		5865.04	50.14	-38.06	88.2	37.91	34.9	12.52	35.19	100	326	P	H
		5912.64	42	-26.2	68.2	29.72	34.93	12.55	35.2	100	326	A	H
	*	5955	96.17	-	-	83.79	35	12.58	35.2	100	326	P	H
	*	5955	86.68	-	-	74.3	35	12.58	35.2	100	326	A	H
													H
													H
		5922.16	50.34	-37.86	88.2	38.01	34.97	12.56	35.2	380	36	P	V
		5921.46	42.08	-26.12	68.2	29.79	34.93	12.56	35.2	380	36	A	V
	*	5955	94.16	-	-	81.78	35	12.58	35.2	380	36	P	V
	*	5955	84.78	-	-	72.4	35	12.58	35.2	380	36	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 5955MHz		11910	44.2	-29.8	74	42.8	38.63	19.63	56.86	-	-	P	H
		17865	50.53	-23.47	74	39.27	41.9	25.42	56.06	-	-	P	H
		17865	42.35	-11.65	54	31.09	41.9	25.42	56.06	-	-	A	H
													H
													H
													H
		11910	44.66	-29.34	74	43.26	38.63	19.63	56.86	-	-	P	V
		17865	51.2	-22.8	74	39.94	41.9	25.42	56.06	-	-	P	V
		17865	42.26	-11.74	54	31	41.9	25.42	56.06	-	-	A	V
													V
													V
													V



802.11ax HE20 Full CH 49 6195MHz		12390	46.95	-27.05	74	45.36	39	19.46	56.87	-	-	P	H
		18525	32.83	-41.17	74	50.11	37.65	4.87	59.8	-	-	P	H
													H
													H
													H
													H
		12390	46.97	-27.03	74	45.38	39	19.46	56.87	-	-	P	V
		18525	32.95	-41.05	74	50.23	37.65	4.87	59.8	-	-	P	V
													V
													V
													V
													V
802.11ax HE20 Full CH 93 6415MHz		12830	47.89	-40.31	88.2	46.41	39.23	19.96	57.71	-	-	P	H
		19245	32.96	-41.04	74	50.39	37.4	5.07	59.9	-	-	P	H
													H
													H
		12830	48.3	-39.9	88.2	46.82	39.23	19.96	57.71	-	-	P	V
		19245	31.67	-42.33	74	49.1	37.4	5.07	59.9	-	-	P	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 HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz		5914.98	50.51	-37.69	88.2	38.23	34.93	12.55	35.2	100	328	P	H
		5904.36	42.27	-25.93	68.2	30.01	34.9	12.55	35.19	100	328	A	H
	*	5965	95.98	-	-	83.6	35	12.59	35.21	100	328	P	H
	*	5965	86.08	-	-	73.7	35	12.59	35.21	100	328	A	H
													H
													H
		5879.16	51.38	-36.82	88.2	39.14	34.9	12.53	35.19	331	140	P	V
		5899.86	42.24	-25.96	68.2	29.99	34.9	12.54	35.19	331	140	A	V
	*	5965	95.72	-	-	83.34	35	12.59	35.21	331	140	P	V
	*	5965	85.38	-	-	73	35	12.59	35.21	331	140	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz		11930	47.25	-26.75	74	45.75	38.67	19.65	56.82	-	-	P	H
		17895	54.76	-19.24	74	43.46	41.9	25.44	56.04	-	-	P	H
		17895	45.65	-8.35	54	34.35	41.9	25.44	56.04	-	-	A	H
													H
													H
													H
		11930	47.02	-26.98	74	45.52	38.67	19.65	56.82	-	-	P	V
		17895	55.1	-18.9	74	43.8	41.9	25.44	56.04	-	-	P	V
		17895	45.67	-8.33	54	34.37	41.9	25.44	56.04	-	-	A	V
													V
													V
													V



802.11ax HE40 Full CH 51 6205MHz		12410	47.2	-26.8	74	45.59	39	19.48	56.87	-	-	P	H
		18615	33.74	-40.26	74	50.84	37.83	4.89	59.82	-	-	P	H
													H
													H
													H
													H
		12410	48.4	-25.6	74	46.79	39	19.48	56.87	-	-	P	V
		18615	33.62	-40.38	74	50.72	37.83	4.89	59.82	-	-	P	V
													V
													V
													V
													V
802.11ax HE40 Full CH 91 6405MHz		12810	49.25	-38.95	88.2	47.75	39.22	19.94	57.66	-	-	P	H
		19215	32.67	-41.33	74	50.09	37.42	5.06	59.9	-	-	P	H
													H
													H
													H
													H
		12810	48.2	-40	88.2	46.7	39.22	19.94	57.66	-	-	P	V
		19215	31.74	-42.26	74	49.16	37.42	5.06	59.9	-	-	P	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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		5919.72	51.22	-36.98	88.2	38.93	34.93	12.56	35.2	100	340	P	H
		5924.68	43.59	-24.61	68.2	31.26	34.97	12.56	35.2	100	340	A	H
	*	5985	96.34	-	-	83.95	35	12.6	35.21	100	340	P	H
	*	5985	88.19	-	-	75.8	35	12.6	35.21	100	340	A	H
													H
													H
		5865.48	50.83	-37.37	88.2	38.6	34.9	12.52	35.19	398	138	P	V
		5923.08	43.43	-24.77	68.2	31.1	34.97	12.56	35.2	398	138	A	V
	*	5985	96.69	-	-	84.3	35	12.6	35.21	398	138	P	V
	*	5985	86.29	-	-	73.9	35	12.6	35.21	398	138	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		11970	48.14	-25.86	74	46.48	38.73	19.69	56.76	-	-	P	H
		17955	55	-19	74	43.61	41.9	25.5	56.01	-	-	P	H
		17955	45.1	-8.9	54	33.71	41.9	25.5	56.01	-	-	A	H
													H
													H
													H
		11970	47.93	-26.07	74	46.27	38.73	19.69	56.76	-	-	P	V
		17955	54.59	-19.41	74	43.2	41.9	25.5	56.01	-	-	P	V
		17955	45.17	-8.83	54	33.78	41.9	25.5	56.01	-	-	A	V
													V
													V
													V
802.11ax HE80 Full CH 55 6225MHz		12450	49.61	-24.39	74	47.28	39	20.22	56.89	-	-	P	H
		18675	33.1	-40.9	74	50.07	37.96	4.91	59.84	-	-	P	H
													H
													H
													H
													H
		12450	49.84	-24.16	74	47.51	39	20.22	56.89	-	-	P	V
		18675	32.95	-41.05	74	49.92	37.96	4.91	59.84	-	-	P	V
													V
													V
													V
													V



802.11ax HE80 Full CH 87 6385MHz		12770	49.76	-38.44	88.2	48.22	39.2	19.9	57.56	-	-	P	H
		19155	32.78	-41.22	74	50.2	37.44	5.04	59.9	-	-	P	H
													H
													H
													H
													H
		12770	49.91	-38.29	88.2	48.37	39.2	19.9	57.56	-	-	P	V
		19155	32.44	-41.56	74	49.86	37.44	5.04	59.9	-	-	P	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 HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5918.76	55.14	-33.06	88.2	42.85	34.93	12.56	35.2	100	325	P	H
		5916.84	47.12	-21.08	68.2	34.83	34.93	12.56	35.2	100	325	A	H
	*	6025	96.96	-	-	84.34	35.2	12.64	35.22	100	325	P	H
	*	6025	88.82	-	-	76.2	35.2	12.64	35.22	100	325	A	H
													H
													H
		5918.76	56.37	-31.83	88.2	44.08	34.93	12.56	35.2	340	138	P	V
		5916.84	45.79	-22.41	68.2	33.5	34.93	12.56	35.2	340	138	A	V
	*	6025	96.53	-	-	83.91	35.2	12.64	35.22	340	138	P	V
	*	6025	88.52	-	-	75.9	35.2	12.64	35.22	340	138	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		12050	48.75	-25.25	74	47.6	38.8	19.08	56.73	-	-	P	H
		17920	54.86	-19.14	74	44.34	41.9	24.65	56.03	-	-	P	H
		17920	45.71	-8.29	54	35.19	41.9	24.65	56.03	-	-	A	H
		18075	32.58	-41.42	74	50.3	37.43	4.74	59.89	-	-	P	H
													H
													H
		12050	49.18	-24.82	74	48.03	38.8	19.08	56.73	-	-	P	V
		17888	54.84	-19.16	74	44.37	41.9	24.62	56.05	-	-	P	V
		17888	45.58	-8.42	54	35.11	41.9	24.62	56.05	-	-	A	V
		18075	33.35	-40.65	74	51.07	37.43	4.74	59.89	-	-	P	V
													V
													V
802.11ax HE160 Full CH 47 6185MHz		12370	48.33	-25.67	74	46.75	39	19.44	56.86	-	-	P	H
		18550	32.44	-41.56	74	49.69	37.69	4.87	59.81	-	-	P	H
													H
													H
													H
													H
		12370	48.33	-25.67	74	46.75	39	19.44	56.86	-	-	P	V
		18550	33.02	-40.98	74	50.27	37.69	4.87	59.81	-	-	P	V
													V
													V
													V
													V



802.11ax HE160 Full CH 79 6345MHz		12690	49.89	-24.11	74	48.27	39.2	19.79	57.37	-	-	P	H
		19035	32.31	-41.69	74	49.72	37.48	5.01	59.9	-	-	P	H
													H
													H
													H
													H
		12690	49.41	-24.59	74	47.79	39.2	19.79	57.37	-	-	P	V
		19035	33.67	-40.33	74	51.08	37.48	5.01	59.9	-	-	P	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 6 - 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 97 6435MHz		12870	49.79	-38.41	88.2	48.32	39.27	20.01	57.81	-	-	P	H
		19305	31.94	-42.06	74	49.28	37.47	5.09	59.9	-	-	P	H
													H
													H
													H
													H
		12870	49.94	-38.26	88.2	48.47	39.27	20.01	57.81	-	-	P	V
		19305	31.75	-42.25	74	49.09	37.47	5.09	59.9	-	-	P	V
													V
													V
													V
													V
802.11ax HE20 Full CH 105 6475MHz		12950	49.65	-38.55	88.2	48.31	39.25	20.09	58	-	-	P	H
		19425	32.52	-41.48	74	49.61	37.69	5.12	59.9	-	-	P	H
													H
													H
													H
													H
		12950	49.85	-38.35	88.2	48.51	39.25	20.09	58	-	-	P	V
		19425	32.46	-41.54	74	49.55	37.69	5.12	59.9	-	-	P	V
													V
													V
													V
													V



802.11ax HE20 Full CH 113 6515MHz		13030	49.7	-38.5	88.2	48.47	39.17	20.19	58.13	-	-	P	H
		19545	33.11	-40.89	74	50.08	37.8	5.15	59.92	-	-	P	H
													H
													H
													H
													H
		13030	49.59	-38.61	88.2	48.36	39.17	20.19	58.13	-	-	P	V
		19545	33.47	-40.53	74	50.44	37.8	5.15	59.92	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 99 6445MHz		12890	49.41	-38.79	88.2	47.95	39.28	20.03	57.85	-	-	P	H
		19335	32.58	-41.42	74	49.84	37.55	5.09	59.9	-	-	P	H
													H
													H
													H
													H
		12890	49.87	-38.33	88.2	48.41	39.28	20.03	57.85	-	-	P	V
		19335	31.6	-42.4	74	48.86	37.55	5.09	59.9	-	-	P	V
													V
													V
													V
													V
802.11ax HE40 Full CH 107 6485MHz		12970	49.8	-38.4	88.2	48.51	39.23	20.11	58.05	-	-	P	H
		19455	33.52	-40.48	74	50.56	37.73	5.13	59.9	-	-	P	H
													H
													H
													H
													H
		12970	50.21	-37.99	88.2	48.92	39.23	20.11	58.05	-	-	P	V
		19455	32.35	-41.65	74	49.39	37.73	5.13	59.9	-	-	P	V
													V
													V
													V
													V



802.11ax HE40 Full CH 115 6525MHz		13050	48.71	-39.49	88.2	47.48	39.15	20.21	58.13	-	-	P	H
		19575	33.3	-40.7	74	50.27	37.8	5.16	59.93	-	-	P	H
													H
													H
													H
													H
		13050	49.39	-38.81	88.2	48.16	39.15	20.21	58.13	-	-	P	V
		19575	33.58	-40.42	74	50.55	37.8	5.16	59.93	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 103 6465MHz		12930	50.24	-37.96	88.2	48.85	39.27	20.07	57.95	-	-	P	H
		19395	32.94	-41.06	74	50.11	37.62	5.11	59.9	-	-	P	H
													H
													H
													H
													H
		12930	49.66	-38.54	88.2	48.27	39.27	20.07	57.95	-	-	P	V
		19395	33.05	-40.95	74	50.22	37.62	5.11	59.9	-	-	P	V
													V
													V
													V
													V
802.11ax HE80 Full CH 119 6545MHz		13090	50.61	-37.59	88.2	49.39	39.12	20.25	58.15	-	-	P	H
		19635	33.2	-40.8	74	50.17	37.8	5.18	59.95	-	-	P	H
													H
													H
													H
													H
		13090	49.6	-38.6	88.2	48.38	39.12	20.25	58.15	-	-	P	V
		19635	32.52	-41.48	74	49.49	37.8	5.18	59.95	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 111 6505MHz		13010	50.12	-38.08	88.2	48.88	39.2	20.16	58.12	-	-	P	H
		19515	34.06	-39.94	74	51.03	37.8	5.14	59.91	-	-	P	H
													H
													H
													H
													H
		13010	49.42	-38.78	88.2	48.18	39.2	20.16	58.12	-	-	P	V
		19515	33.15	-40.85	74	50.12	37.8	5.14	59.91	-	-	P	V
													V
													V
													V
													V
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. - The emission level close to 18GHz is checked that the average emission level is noise floor only.											



Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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 HE20 Full CH 117 6535MHz		13070	49.52	-38.68	88.2	48.3	39.13	20.23	58.14	-	-	P	H
		19605	33.62	-40.38	74	50.59	37.8	5.17	59.94	-	-	P	H
													H
													H
													H
													H
		13070	49.3	-38.9	88.2	48.08	39.13	20.23	58.14	-	-	P	V
		19605	32.8	-41.2	74	49.77	37.8	5.17	59.94	-	-	P	V
													V
													V
													V
													V
802.11ax HE20 Full CH 149 6695MHz		13390	49.99	-24.01	74	48.72	38.9	20.6	58.23	-	-	P	H
		20085	33.15	-40.85	74	50.18	37.76	5.31	60.1	-	-	P	H
													H
													H
													H
													H
		13390	49.12	-24.88	74	47.85	38.9	20.6	58.23	-	-	P	V
		20085	32.04	-41.96	74	49.07	37.76	5.31	60.1	-	-	P	V
													V
													V
													V
													V



802.11ax HE20 Full CH 181 6855MHz		13710	48.25	-39.95	88.2	46.73	38.78	20.97	58.23	-	-	P	H
		20565	32.59	-41.41	74	49.54	37.67	5.48	60.1	-	-	P	H
													H
													H
													H
													H
		13710	48.33	-39.87	88.2	46.81	38.78	20.97	58.23	-	-	P	V
		20565	32.09	-41.91	74	49.04	37.67	5.48	60.1	-	-	P	V
													V
													V
802.11ax HE20 Full CH 185 6875MHz		13750	48.91	-39.29	88.2	47.36	38.75	21.02	58.22	-	-	P	H
		20625	32.56	-41.44	74	49.51	37.65	5.5	60.1	-	-	P	H
													H
													H
													H
													H
		13750	49.23	-38.97	88.2	47.68	38.75	21.02	58.22	-	-	P	V
		20625	31.7	-42.3	74	48.65	37.65	5.5	60.1	-	-	P	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 7 - 6525~6875MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 123 6565MHz		13130	50.86	-37.34	88.2	49.65	39.07	20.3	58.16	-	-	P	H
		19695	32.3	-41.7	74	49.29	37.8	5.19	59.98	-	-	P	H
													H
													H
													H
													H
		13130	49.34	-38.86	88.2	48.13	39.07	20.3	58.16	-	-	P	V
		19695	32.1	-41.9	74	49.09	37.8	5.19	59.98	-	-	P	V
													V
													V
													V
													V
802.11ax HE40 Full CH 147 6685MHz		13370	49.99	-24.01	74	48.7	38.94	20.57	58.22	-	-	P	H
		20055	32.32	-41.68	74	49.34	37.78	5.3	60.1	-	-	P	H
													H
													H
													H
													H
		13370	49.79	-24.21	74	48.5	38.94	20.57	58.22	-	-	P	V
		20055	32.04	-41.96	74	49.06	37.78	5.3	60.1	-	-	P	V
													V
													V
													V
													V



802.11ax HE40 Full CH 179 6845MHz		13690	48.18	-40.02	88.2	46.66	38.8	20.95	58.23	-	-	P	H
		20535	32.44	-41.56	74	49.38	37.69	5.47	60.1	-	-	P	H
													H
													H
													H
													H
		13690	49.1	-39.1	88.2	47.58	38.8	20.95	58.23	-	-	P	V
		20535	33.15	-40.85	74	50.09	37.69	5.47	60.1	-	-	P	V
													V
													V
													V
													V
802.11ax HE40 Full CH 187 6885MHz		13770	49.94	-38.26	88.2	48.38	38.73	21.05	58.22	-	-	P	H
		20655	32.04	-41.96	74	48.99	37.64	5.51	60.1	-	-	P	H
													H
													H
													H
													H
		13770	49.11	-39.09	88.2	47.55	38.73	21.05	58.22	-	-	P	V
		20655	31.7	-42.3	74	48.65	37.64	5.51	60.1	-	-	P	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 7 - 6525~6875MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 135 6625MHz		13250	44.87	-29.13	74	43.57	39.05	20.44	58.19	-	-	P	H
		19875	31.55	-42.45	74	48.56	37.8	5.24	60.05	-	-	P	H
													H
													H
													H
													H
		13250	44.5	-29.5	74	43.2	39.05	20.44	58.19	-	-	P	V
		19875	31.78	-42.22	74	48.79	37.8	5.24	60.05	-	-	P	V
													V
													V
													V
													V
802.11ax HE80 Full CH 151 6705MHz		13410	44.32	-43.88	88.2	43	38.92	20.63	58.23	-	-	P	H
		20115	31.68	-42.32	74	48.71	37.75	5.32	60.1	-	-	P	H
													H
													H
													H
													H
		13410	44.32	-43.88	88.2	43	38.92	20.63	58.23	-	-	P	V
		20115	32.53	-41.47	74	49.56	37.75	5.32	60.1	-	-	P	V
													V
													V
													V
													V



802.11ax HE80 Full CH 167 6785MHz		13570	44.52	-43.68	88.2	43.09	38.87	20.81	58.25	-	-	P	H
		20355	33.25	-40.75	74	50.25	37.7	5.4	60.1	-	-	P	H
													H
													H
													H
													H
		13570	44.95	-43.25	88.2	43.52	38.87	20.81	58.25	-	-	P	V
		20355	32.25	-41.75	74	49.25	37.7	5.4	60.1	-	-	P	V
													V
													V
802.11ax HE80 Full CH 183 6865MHz		13730	44.7	-43.5	88.2	43.15	38.77	21	58.22	-	-	P	H
		20595	32.66	-41.34	74	49.61	37.66	5.49	60.1	-	-	P	H
													H
													H
													H
													H
		13730	44.69	-43.51	88.2	43.14	38.77	21	58.22	-	-	P	V
		20595	32.09	-41.91	74	49.04	37.66	5.49	60.1	-	-	P	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 7 - 6525~6875MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 143 6665MHz		13330	44.33	-29.67	74	42.95	39.06	20.53	58.21	-	-	P	H
		19995	31.66	-42.34	74	48.68	37.8	5.28	60.1	-	-	P	H
													H
													H
													H
													H
		13330	44.26	-29.74	74	42.88	39.06	20.53	58.21	-	-	P	V
		19995	32.19	-41.81	74	49.21	37.8	5.28	60.1	-	-	P	V
													V
													V
													V
													V
802.11ax HE160 Full CH 175 6825MHz		13650	47.5	-40.7	88.2	46.04	38.8	20.9	58.24	-	-	P	H
		20475	32.53	-41.47	74	49.48	37.7	5.45	60.1	-	-	P	H
													H
													H
													H
													H
		13650	48.65	-39.55	88.2	47.19	38.8	20.9	58.24	-	-	P	V
		20475	31.89	-42.11	74	48.84	37.7	5.45	60.1	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 229 7095MHz	*	7095	95.1	-	-	81.1	35.7	13.74	35.44	100	297	P	H
	*	7095	85.8	-	-	71.8	35.7	13.74	35.44	100	297	A	H
		7167.88	52.9	-35.3	88.2	38.95	35.67	13.73	35.45	100	297	P	H
		7225.16	43.56	-24.64	68.2	29.47	35.77	13.77	35.45	100	297	A	H
													H
													H
	*	7095	95.18	-	-	81.18	35.7	13.74	35.44	287	40	P	V
	*	7095	84.9	-	-	70.9	35.7	13.74	35.44	287	40	A	V
		7230.6	52.08	-36.12	88.2	38.02	35.73	13.78	35.45	287	40	P	V
		7240.04	43.61	-24.59	68.2	29.55	35.73	13.79	35.46	287	40	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 189 6895MHz		13880	48.97	-39.23	88.2	47.29	38.7	21.18	58.2	-	-	P	H
		20685	32.77	-41.23	74	49.72	37.63	5.52	60.1	-	-	P	H
													H
													H
													H
													H
		13880	48.94	-39.26	88.2	47.26	38.7	21.18	58.2	-	-	P	V
		20685	31.26	-42.74	74	48.21	37.63	5.52	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
802.11ax HE20 Full CH 209 6995MHz		13990	48.67	-39.53	88.2	46.77	38.78	21.3	58.18	-	-	P	H
		20985	33.47	-40.53	74	49.85	38.1	5.62	60.1	-	-	P	H
													H
													H
													H
													H
		13990	49.12	-39.08	88.2	47.22	38.78	21.3	58.18	-	-	P	V
		20985	33.36	-40.64	74	49.74	38.1	5.62	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V



802.11ax HE20 Full CH 229 7095MHz		14190	49.67	-38.53	88.2	47.55	38.8	20.36	58.15	-	-	P	H
		21285	32.93	-41.07	74	49.13	38.11	15.27	60.04	-	-	P	H
													H
													H
													H
													H
		14190	49.29	-38.91	88.2	47.17	38.8	20.36	58.15	-	-	P	V
		21285	33.05	-40.95	74	49.25	38.11	15.27	60.04	-	-	P	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 8 - 6875~7125MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz	*	7085	94.37	-	-	80.4	35.67	13.74	35.44	100	294	P	H
	*	7085	85.27	-	-	71.3	35.67	13.74	35.44	100	294	A	H
		7207.38	52.65	-35.55	88.2	38.56	35.8	13.74	35.45	100	294	P	H
		7212.06	43.89	-24.31	68.2	29.79	35.8	13.75	35.45	100	294	A	H
													H
													H
	*	7085	92.11	-	-	78.14	35.67	13.74	35.44	285	42	P	V
	*	7085	83.07	-	-	69.1	35.67	13.74	35.44	285	42	A	V
		7216.38	53.12	-35.08	88.2	39.05	35.77	13.75	35.45	285	42	P	V
		7200	43.88	-24.32	68.2	29.8	35.8	13.73	35.45	285	42	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 195 6925MHz		13850	48.72	-39.48	88.2	47.09	38.7	21.13	58.2	-	-	P	H
		20775	32.32	-41.68	74	49.22	37.65	5.55	60.1	-	-	P	H
													H
													H
													H
													H
		13850	48.7	-39.5	88.2	47.07	38.7	21.13	58.2	-	-	P	V
		20775	31.8	-42.2	74	48.7	37.65	5.55	60.1	-	-	P	V
													V
													V
													V
													V
802.11ax HE40 Full CH 211 7005MHz		14010	49.43	-38.77	88.2	47.49	38.8	21.32	58.18	-	-	P	H
		21015	33.38	-40.62	74	49.74	38.1	5.64	60.1	-	-	P	H
													H
													H
													H
													H
		14010	49.24	-38.96	88.2	47.3	38.8	21.32	58.18	-	-	P	V
		21015	33.33	-40.67	74	49.69	38.1	5.64	60.1	-	-	P	V
													V
													V
													V
													V



802.11ax HE40 Full CH 227 7085MHz		14170	49.06	-39.14	88.2	46.96	38.8	21.45	58.15	-	-	P	H
		21255	32.87	-41.13	74	49.1	38.1	5.72	60.05	-	-	P	H
													H
													H
													H
													H
		14170	49.41	-38.79	88.2	47.31	38.8	21.45	58.15	-	-	P	V
		21255	34.34	-39.66	74	50.57	38.1	5.72	60.05	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 215 7025MHz	*	7025	94.41	-	-	80.42	35.67	13.75	35.43	100	295	P	H
	*	7025	85.48	-	-	71.49	35.67	13.75	35.43	100	295	A	H
		7142.6	51.14	-37.06	88.2	37.21	35.63	13.74	35.44	100	295	P	H
		7129.96	44.08	-24.12	68.2	30.15	35.63	13.74	35.44	100	295	A	H
													H
													H
	*	7025	92.68	-	-	78.69	35.67	13.75	35.43	282	40	P	V
	*	7025	83.88	-	-	69.89	35.67	13.75	35.43	282	40	A	V
		7138.12	52.23	-35.97	88.2	38.3	35.63	13.74	35.44	282	40	P	V
		7144.68	43.93	-24.27	68.2	30	35.63	13.74	35.44	282	40	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


Band 8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 199 6945MHz		13890	44.59	-43.61	88.2	42.9	38.7	21.19	58.2	-	-	P	H
		20835	32.37	-41.63	74	49.12	37.78	5.57	60.1	-	-	P	H
													H
													H
													H
													H
		13890	45.63	-42.57	88.2	43.94	38.7	21.19	58.2	-	-	P	V
		20835	31.97	-42.03	74	48.72	37.78	5.57	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
802.11ax HE80 Full CH 215 7025MHz		14050	47.21	-40.99	88.2	45.23	38.8	21.35	58.17	-	-	P	H
		21075	33.86	-40.14	74	50.18	38.1	5.66	60.08	-	-	P	H
													H
													H
													H
													H
		14050	45.1	-43.1	88.2	43.12	38.8	21.35	58.17	-	-	P	V
		21075	32.98	-41.02	74	49.3	38.1	5.66	60.08	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz	*	6985	95.07	-	-	81.1	35.67	13.73	35.43	100	294	P	H
	*	6985	85.87	-	-	71.9	35.67	13.73	35.43	100	294	A	H
		7166.44	53.78	-34.42	88.2	39.83	35.67	13.73	35.45	100	294	P	H
		7223.72	44.94	-23.26	68.2	30.85	35.77	13.77	35.45	100	294	A	H
													H
													H
	*	6985	94.34	-	-	80.37	35.67	13.73	35.43	325	136	P	V
	*	6985	86.17	-	-	72.2	35.67	13.73	35.43	325	136	A	V
		7157.16	54.75	-33.45	88.2	40.86	35.6	13.73	35.44	325	136	P	V
		7206.12	44.68	-23.52	68.2	30.59	35.8	13.74	35.45	325	136	A	V
Remark													V
													V

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



Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		13970	47.21	-40.99	88.2	45.35	38.77	21.27	58.18	-	-	P	H
		20955	33.31	-40.69	74	49.79	38.01	5.61	60.1	-	-	P	H
													H
													H
													H
													H
		13970	45.5	-42.7	88.2	43.64	38.77	21.27	58.18	-	-	P	V
		20955	32.88	-41.12	74	49.36	38.01	5.61	60.1	-	-	P	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.											

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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	22.59	-17.41	40	27.36	24.32	0.94	30.03	-	-	P	H
		92.64	28.32	-15.18	43.5	41.42	15.08	1.81	29.99	-	-	P	H
		168.24	26.39	-17.11	43.5	38.3	15.68	2.39	29.98	-	-	P	H
		890.8	32.45	-13.55	46	27.73	28.67	5.02	28.97	-	-	P	H
		931.4	33.55	-12.45	46	27.81	29.35	5.17	28.78	-	-	P	H
		951	33.68	-12.32	46	26.88	30.26	5.24	28.7	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		30	33.93	-6.07	40	38.7	24.32	0.94	30.03	-	-	P	V
		51.87	27.96	-12.04	40	43.08	13.47	1.42	30.01	-	-	P	V
		90.21	23.99	-19.51	43.5	37.59	14.62	1.77	29.99	-	-	P	V
		865.6	32.35	-13.65	46	27.71	28.87	4.92	29.15	-	-	P	V
		934.2	32.59	-13.41	46	26.81	29.37	5.18	28.77	-	-	P	V
		953.8	33.4	-12.6	46	26.42	30.42	5.26	28.7	-	-	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 with sufficient margin against limit line or 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 over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



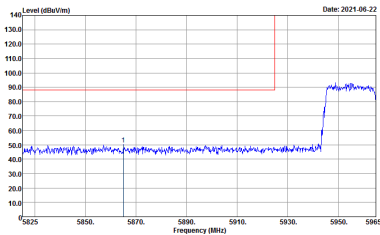
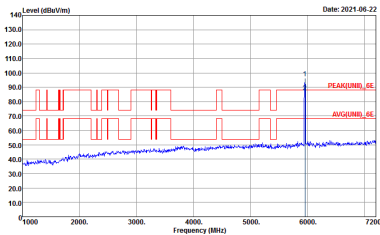
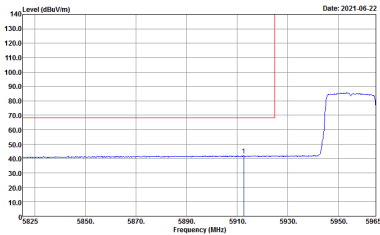
Appendix D. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	20.2~27.4°C
		Relative Humidity :	48.9~63.1%

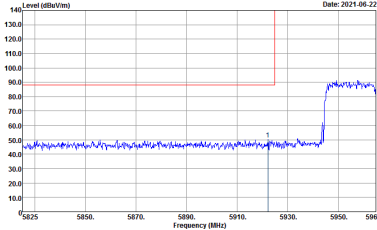
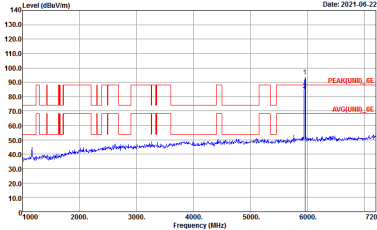
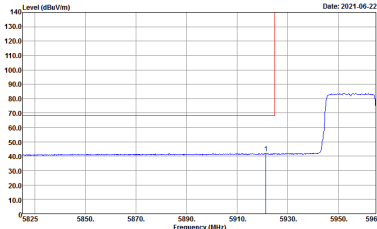


Band 5 - 5925~6425MHz

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

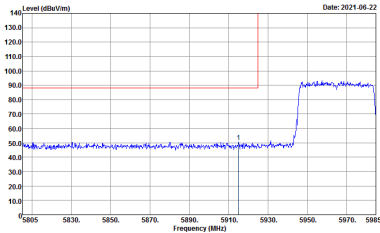
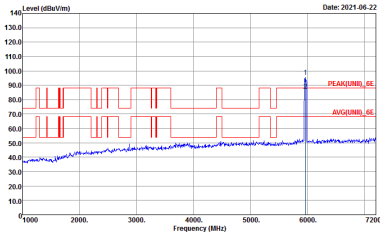
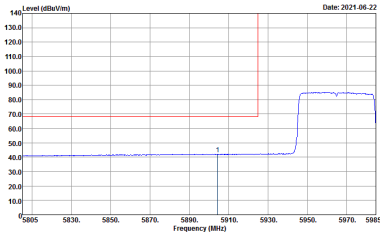
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK, REFUNIT: 66 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 4	 Site : 03CH07-HY Condition : PEAK, REFUNIT: 66 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG, REFUNIT: 66 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 4	Left blank



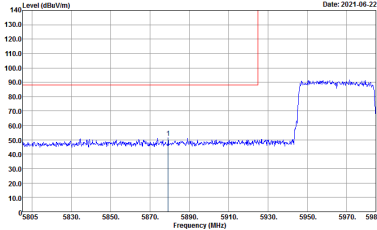
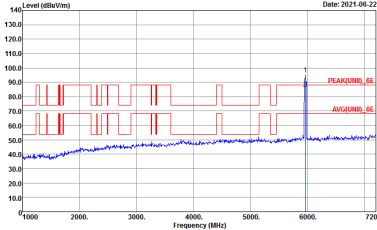
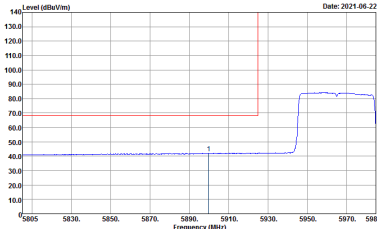
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 4	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 4	Left blank



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

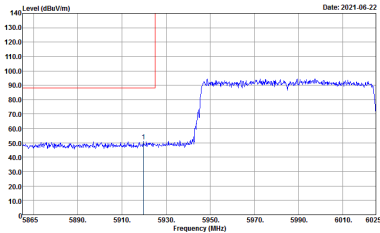
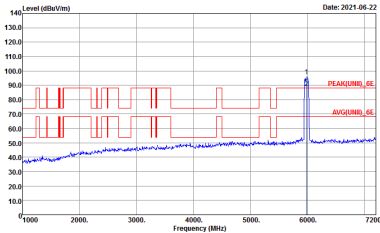
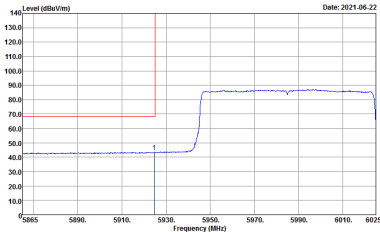
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 7	 Site : 03CH07-HY Condition : PEAK[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 7	Left blank



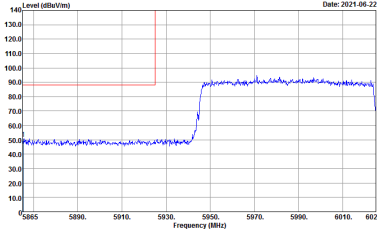
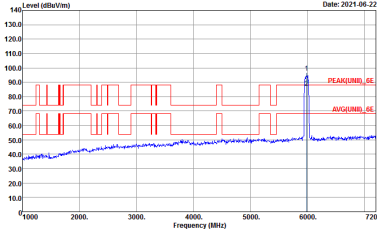
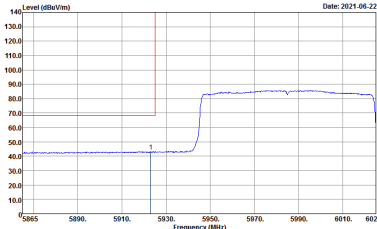
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 7	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 7	Left blank



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

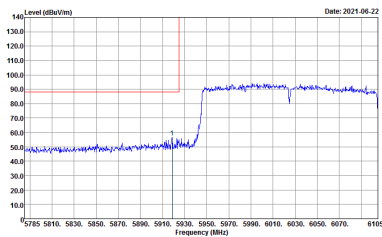
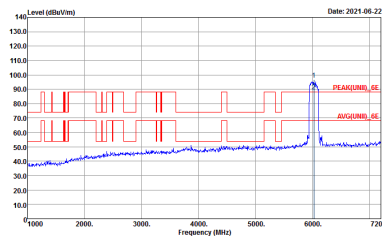
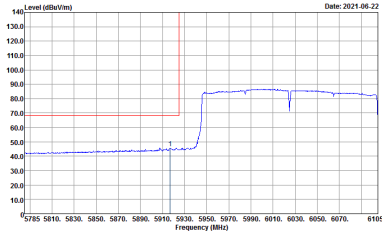
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 10	 Site : 03CH07-HY Condition : PEAK[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 10	Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_GE 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_GE 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 10	Left blank

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

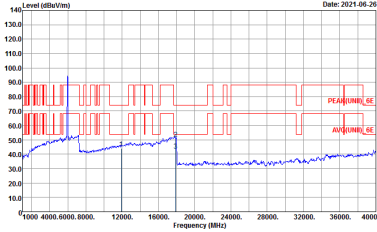
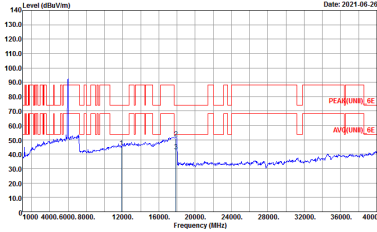
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 13	Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 13
Avg.	Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 13	Left blank

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 13	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 13
	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HE_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 13	Left blank

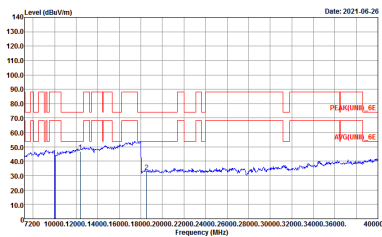
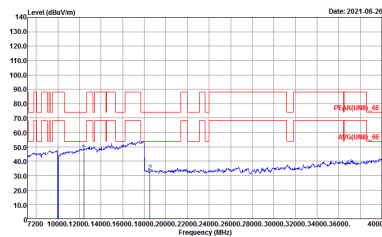


Band 5 - 5925~6425MHz

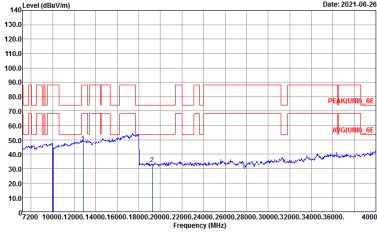
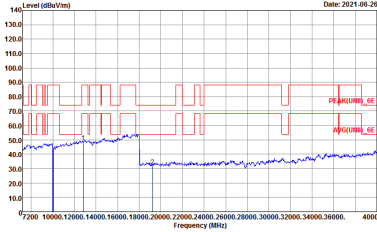
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-HY Condition : PEAK(AV)01_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 4	 Site : 03CH02-HY Condition : PEAK(AV)01_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 4



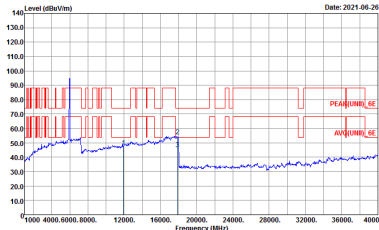
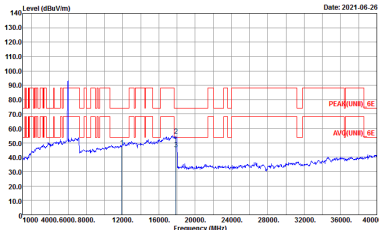
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCH07-RY Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : S	 Site : ESCH07-RY Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : S



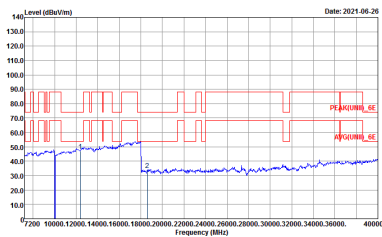
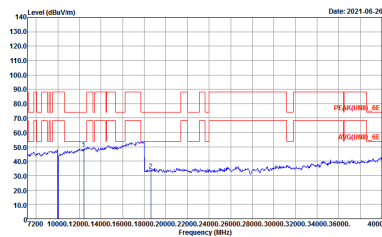
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCH07-RY Condition : PEAK[UNII]_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : G	 Site : ESCH07-RY Condition : PEAK[UNII]_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : G



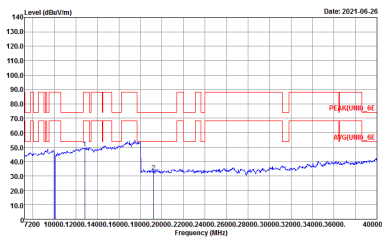
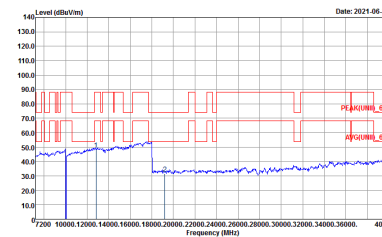
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_6E 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 7	 Site : 03CH07-HY Condition : PEAK(UNII)_6E 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 7



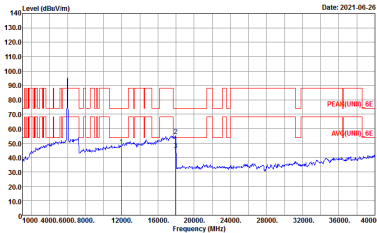
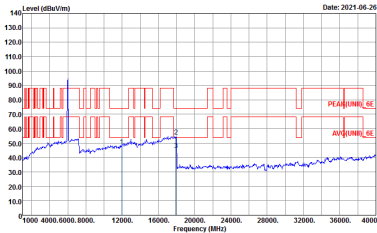
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RY Condition : PEAK[UNII]_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : S	 Site : 03CH07-RY Condition : PEAK[UNII]_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : S



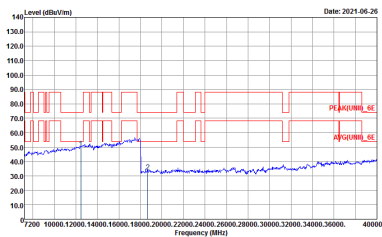
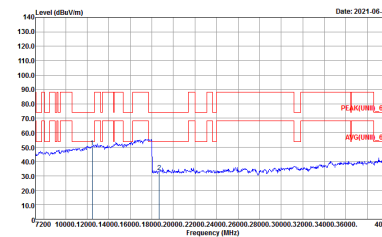
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2021-06-26  Frequency (MHz) Site : ESCH02-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 9	Level (dBuV/m) Date: 2021-06-26  Frequency (MHz) Site : ESCH02-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 9



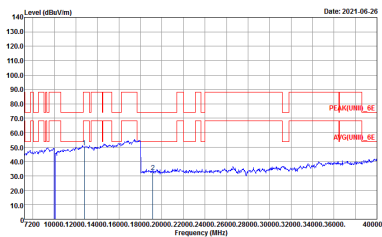
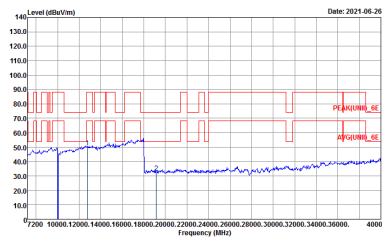
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 10

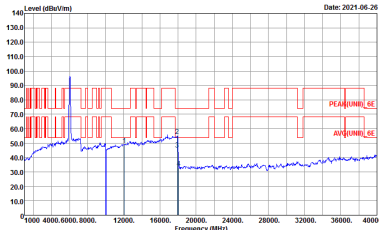
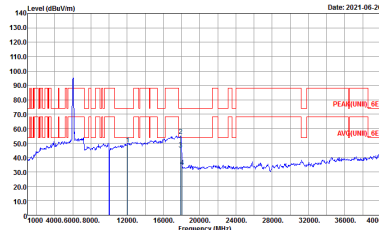


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 11	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 11

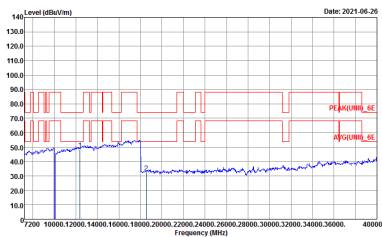
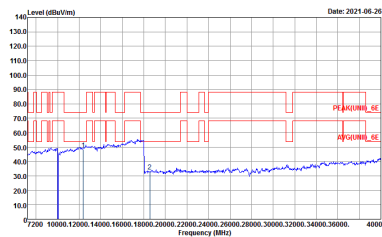


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK[UNII]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 12	 Site : ESCHM2-RF Condition : PEAK[UNII]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 12

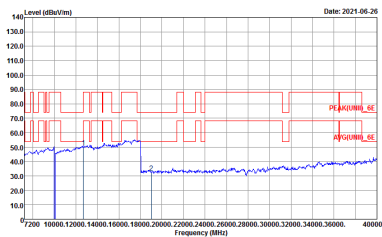
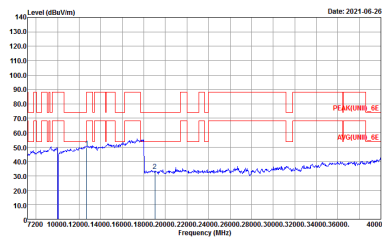
Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 13	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 13



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK[UNII]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 14	 Site : E8CM07-RF Condition : PEAK[UNII]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 14

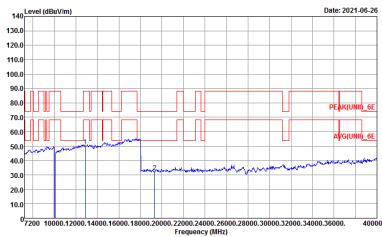
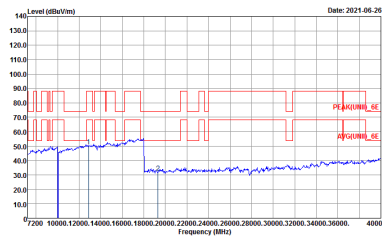


WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 0002942-04 Mode : 15	 Site : E8CM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 0002942-04 Mode : 15

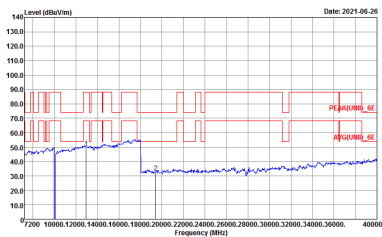
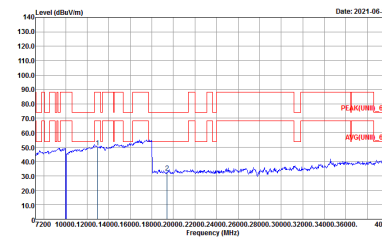


Band 6 - 6425~6525MHz

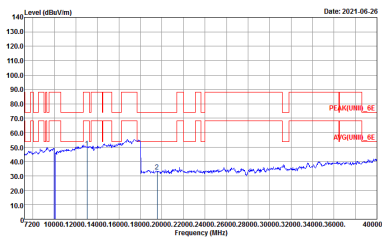
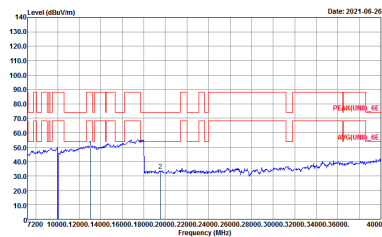
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH97 6435MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 19	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 19



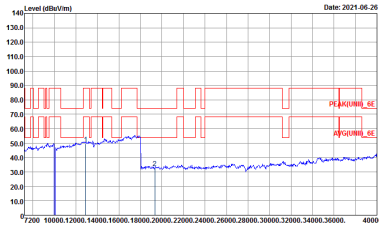
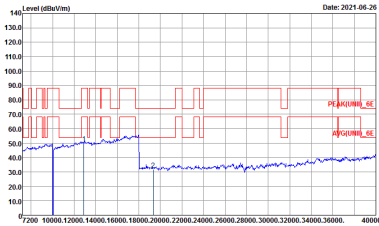
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH105 6475MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 1002942-04 Mode : 20	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 1002942-04 Mode : 20



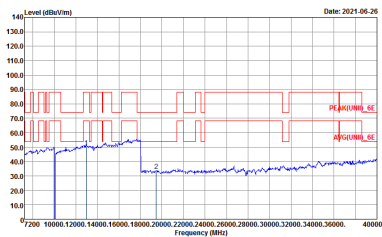
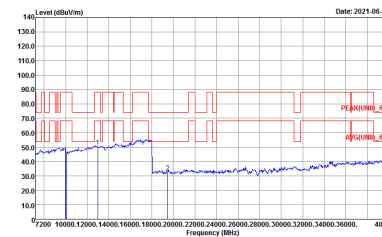
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH113 6515MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : Z1	 Site : E8CM07-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : Z1



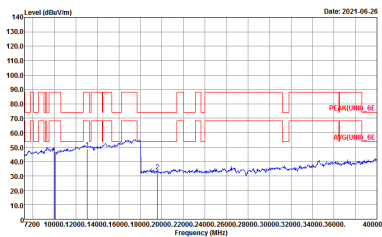
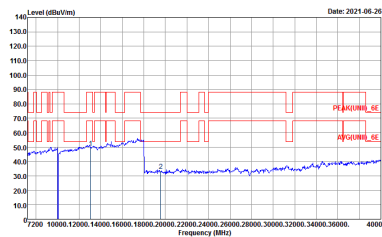
Band 6 6425~6525MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH99 6445MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : ZZ	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : ZZ



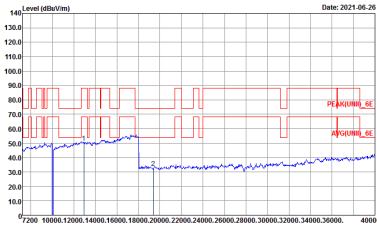
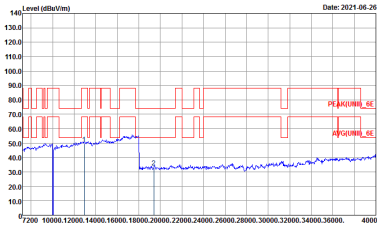
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH107 6485MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CH07-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 23	 Site : E8CH07-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 23



WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH115 6525MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 24	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 24



Band 5 6425~6525MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

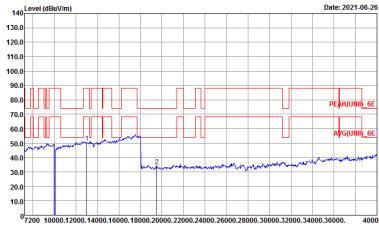
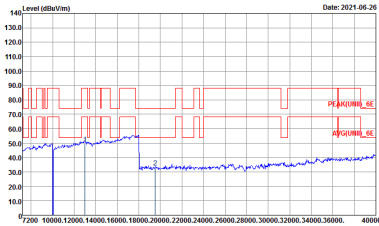
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : ZS	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : ZS



WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
4+3	Horizontal	Vertical
Peak Avg.	Level (dBu/Vm) Date: 2021-06-26 Frequency (MHz) Site : ESCH02-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 1002942-04 Mode : Z5	Level (dBu/Vm) Date: 2021-06-26 Frequency (MHz) Site : ESCH02-RF Condition : PEAK(UNIT)_6 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 1002942-04 Mode : Z5



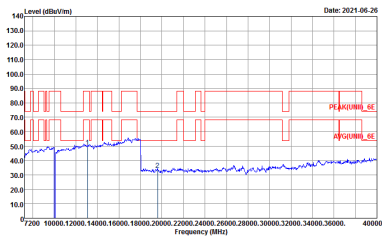
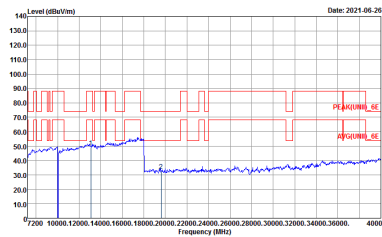
Band 1 6425~6525MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 27	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 27

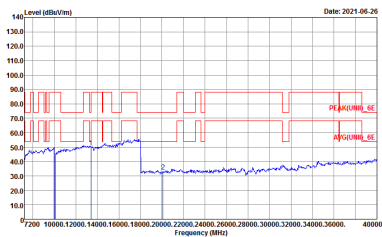
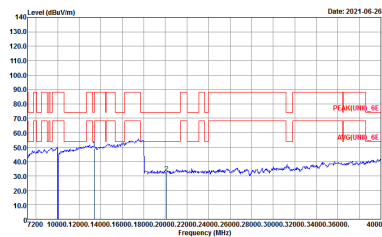


Band 7 - 6525~6875MHz

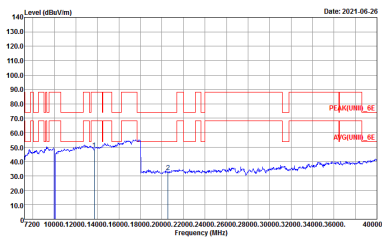
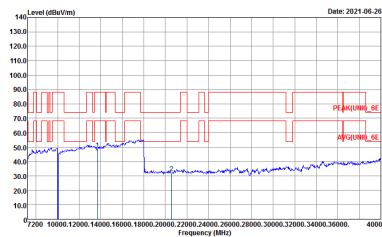
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 1002942-04 Mode : 30	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 1002942-04 Mode : 30

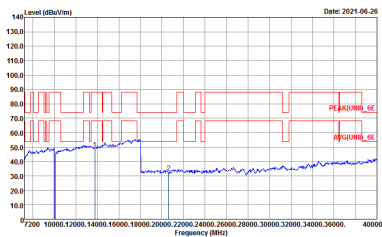
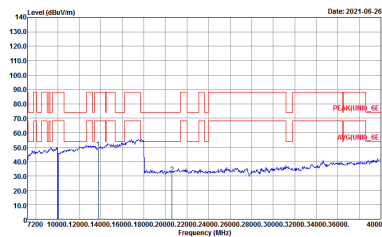


WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 31	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 31



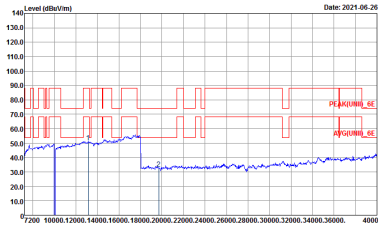
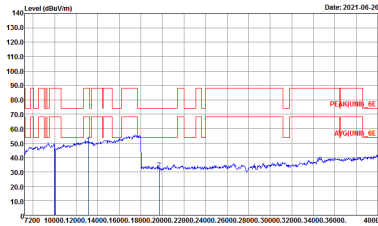
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : EDCHE7-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 32	 Site : EDCHE7-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 32



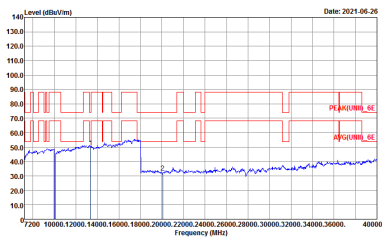
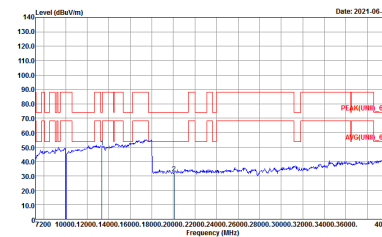
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH185 6875MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : EDCM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 33	 Site : EDCM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 33



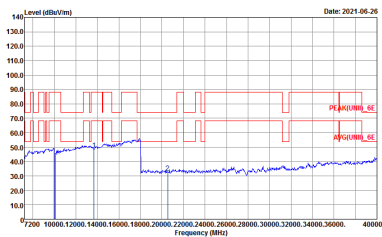
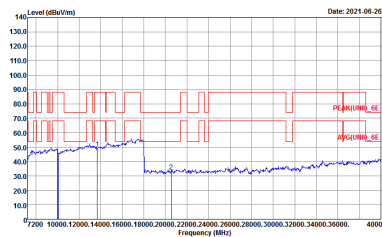
Band 7 6525~6875MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 34	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 34



WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 35	 Site : E8CM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 35



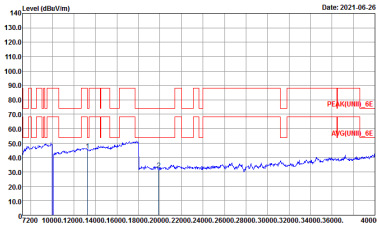
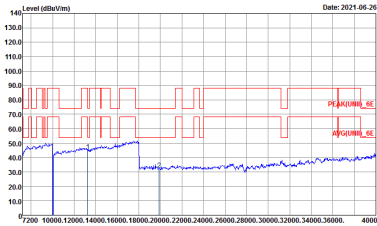
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH179 6845MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 36	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 36



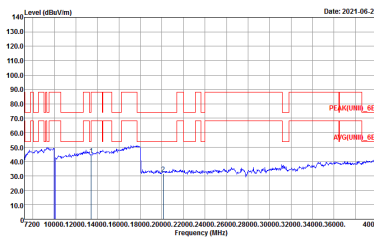
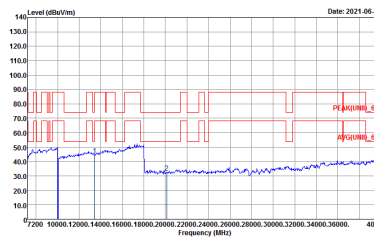
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH187 6885MHz	
4+3	Horizontal	Vertical
Peak Avg.	Site : EDCM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 37	Site : EDCM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 37



Band 7 6525~6875MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 38	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 38

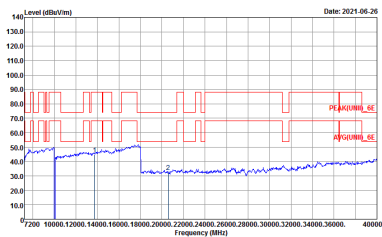
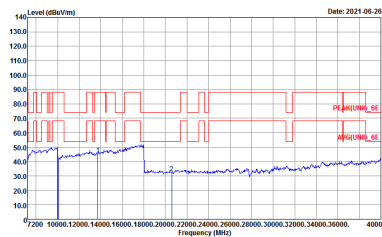


WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCH02-RF Condition : PEAK(UNIT)_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 39	 Site : ESCH02-RF Condition : PEAK(UNIT)_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 39



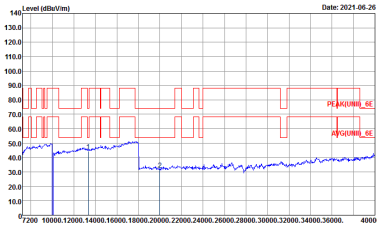
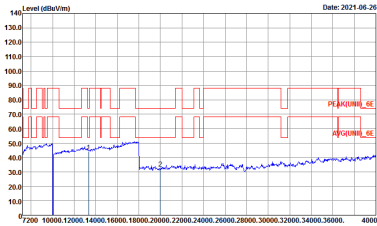
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
4+3	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2021-06-26 Frequency (MHz) Site : ESCHM2-RF Condition : PEAK(UNIT)_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 40	Level (dBuV/m) Date: 2021-06-26 Frequency (MHz) Site : ESCHM2-RF Condition : PEAK(UNIT)_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 40



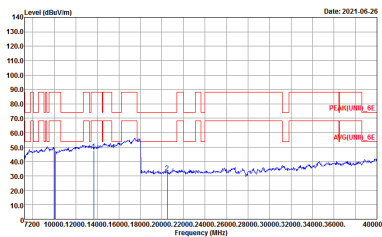
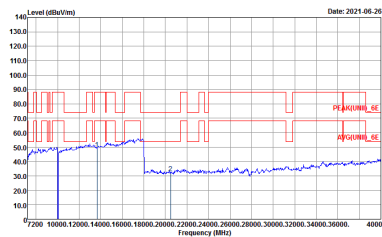
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 41	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 41



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

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 42	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 42

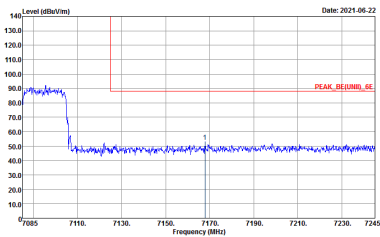
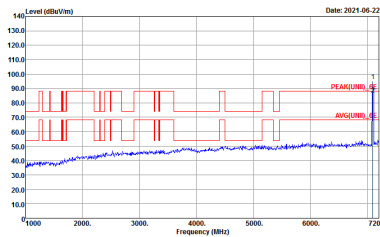
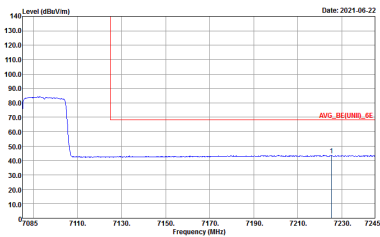


WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 43	 Site : ESCHM2-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 43

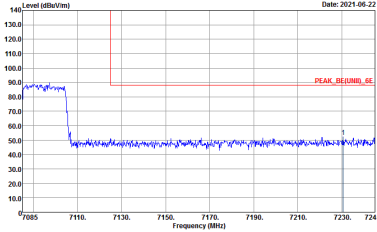
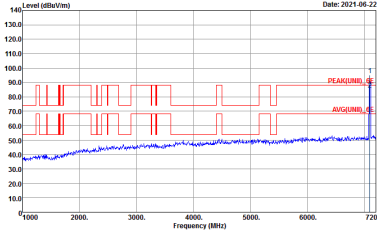
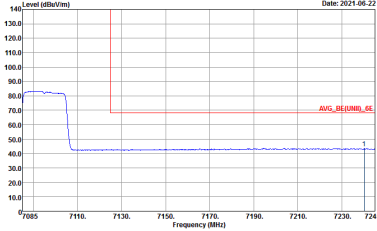


Band 8 - 6875~7125MHz

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

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_6E 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 46	 Site : 03CH07-HY Condition : PEAK(UNIT)_6E 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 46
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_6E 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 002942-04 Mode : 46	Left blank



WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-RY Condition : PEAK_BE(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 46	 Site : 03CH07-RY Condition : PEAK(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 46
Avg.	 Site : 03CH07-RY Condition : AVG_BE(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : 46	Left blank



Band 8 6875~7125MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
4+3	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE(UNB)_SE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWTAuto Detector : Peak Project : 002942-04 Mode : 49	Site : 03CH07-HY Condition : PEAK(UNB)_SE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWTAuto Detector : Peak Project : 002942-04 Mode : 49
Avg.	Site : 03CH07-HY Condition : AVG_BE(UNB)_SE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWTAuto Detector : Peak Project : 002942-04 Mode : 49	Left blank



WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
4+3	Vertical	Fundamental
Peak	Level (dBuV/m) vs Frequency (MHz) plot for Peak Vertical. The plot shows a sharp peak at approximately 7085 MHz, reaching a level of about 130 dBuV/m. The x-axis ranges from 7065 to 7245 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red line indicates the peak level, labeled 'PEAK_RE(UNB)_SE'. Site : 03CH07-RY Condition : PEAK_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 49	Level (dBuV/m) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a sharp peak at approximately 7085 MHz, reaching a level of 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. A red line indicates the peak level, labeled 'PEAK_RE(UNB)_SE'. Site : 03CH07-RY Condition : PEAK_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 49
	Level (dBuV/m) vs Frequency (MHz) plot for Avg. Vertical. The plot shows a sharp peak at approximately 7085 MHz, reaching a level of about 130 dBuV/m. The x-axis ranges from 7065 to 7245 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red line indicates the peak level, labeled 'AVG_RE(UNB)_SE'. Site : 03CH07-RY Condition : AVG_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 49	Left blank



Band 8 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 52	Site : 03CH07-HY Condition : PEAK(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 52
	Site : 03CH07-HY Condition : AVG_BE(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 52	Left blank

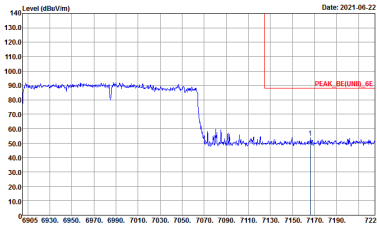
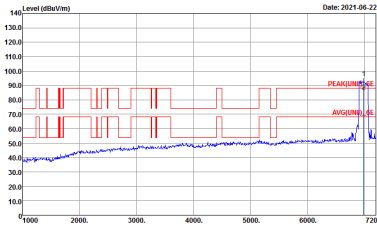
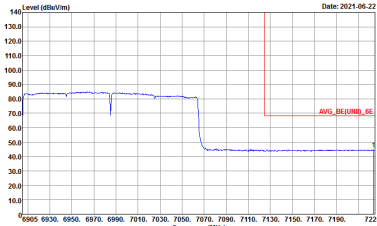


WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWTAuto Project : Peak Mode : 002942-04 : 52	Site : 03CH07-HY Condition : PEAK_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWTAuto Project : Peak Mode : 002942-04 : 52
	Site : 03CH07-HY Condition : AVG_RE(UNB)_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWTAuto Project : Peak Mode : 002942-04 : 52	Left blank

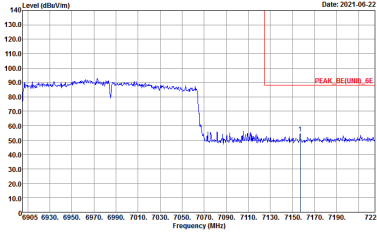
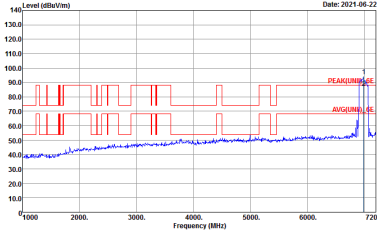
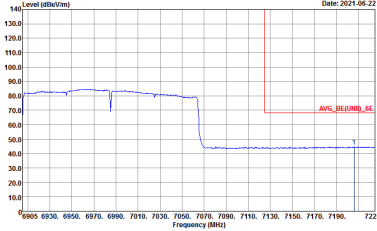


Band 8 6875~7125MHz

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

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto Detector : Peak Project : 002942-04 Mode : 53	 Site : 03CH07-HY Condition : PEAK(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto Detector : Peak Project : 002942-04 Mode : 53
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_GE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWTAuto Detector : Peak Project : 002942-04 Mode : 53	Left blank

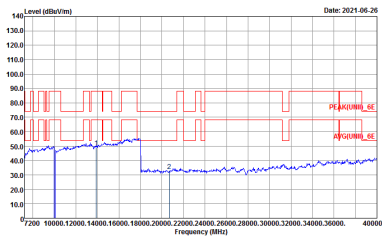
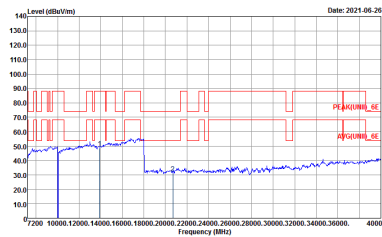


WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : S3	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : S3
	 Site : 03CH07-HY Condition : AVG_BE(UNII)_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 002942-04 Mode : S3	Left blank

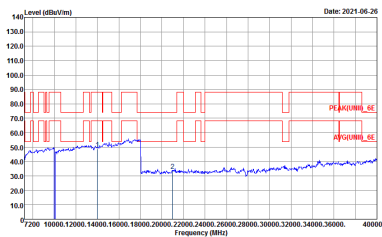
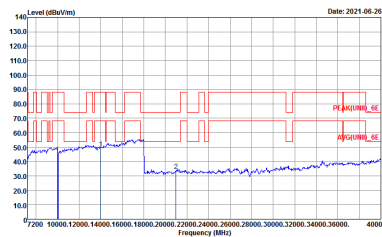


Band 8 - 6875~7125MHz

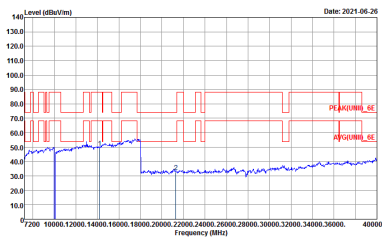
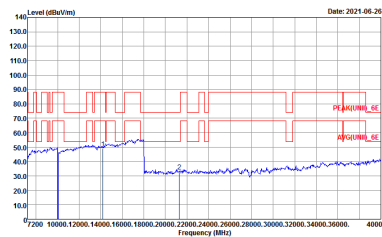
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH189 6895MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 44	 Site : 03CH02-4H Condition : PEAK(UNIT)_6E 3m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 44



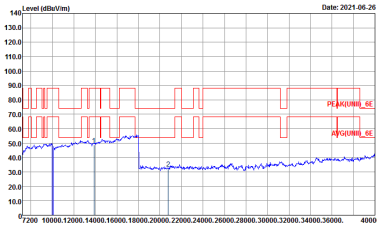
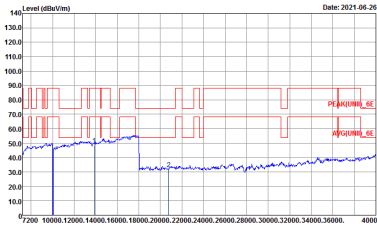
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH209 6995MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CH07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 45	 Site : E8CH07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 45



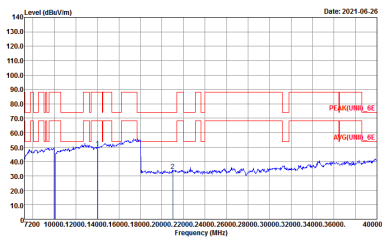
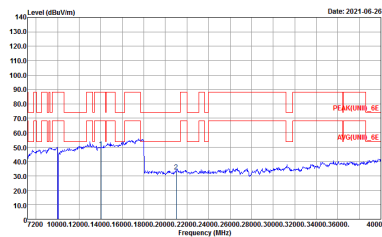
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 46	 Site : ESCHM2-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 46



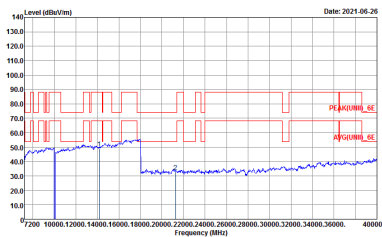
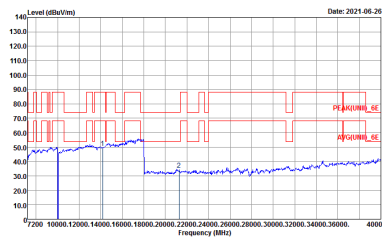
Band 8 6875~7125MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH195 6925MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 48	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 48



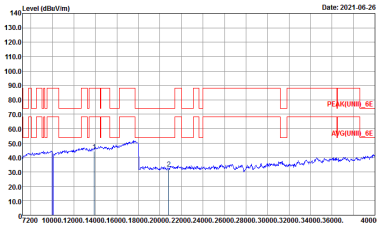
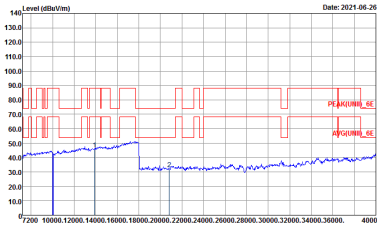
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH211 7005MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : 49	 Site : E8CM07-RF Condition : PEAK[UNIT]_SE 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 002942-04 Mode : 49



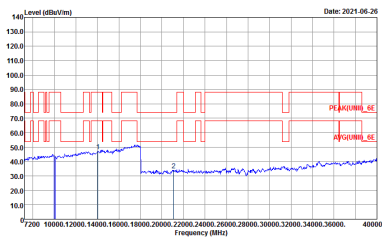
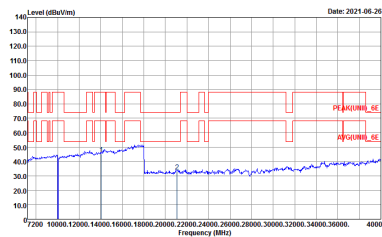
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CH07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 1002942-04 Mode : 50	 Site : E8CH07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 1002942-04 Mode : 50



Band 8 6875~7125MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

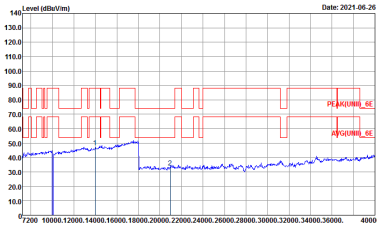
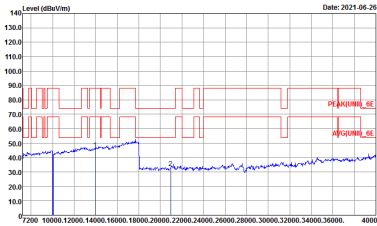
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : S1	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : S1



WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : E8CM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 HORIZONTAL Detector : Peak Project : 1002942-02 Mode : S2	 Site : E8CM07-RF Condition : PEAK(UNIT)_6E 1m SHF-EHF_9170251 VERTICAL Detector : Peak Project : 1002942-02 Mode : S2

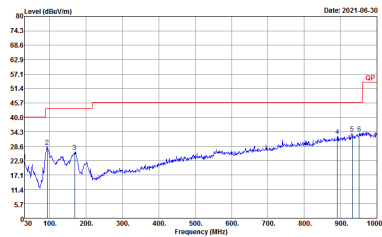
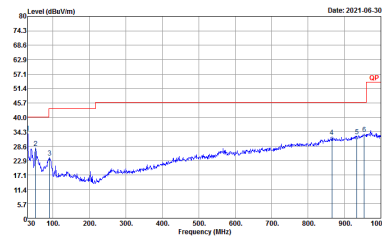


Band 8 6875~7125MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 HORIZONTAL Detector : Peak Project : 002942-04 Mode : S3	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 1m SHF-EHF_5170251 VERTICAL Detector : Peak Project : 002942-04 Mode : S3



Emission below 1GHz
5GHz WIFI 802.11ax HE160 Full (LF)

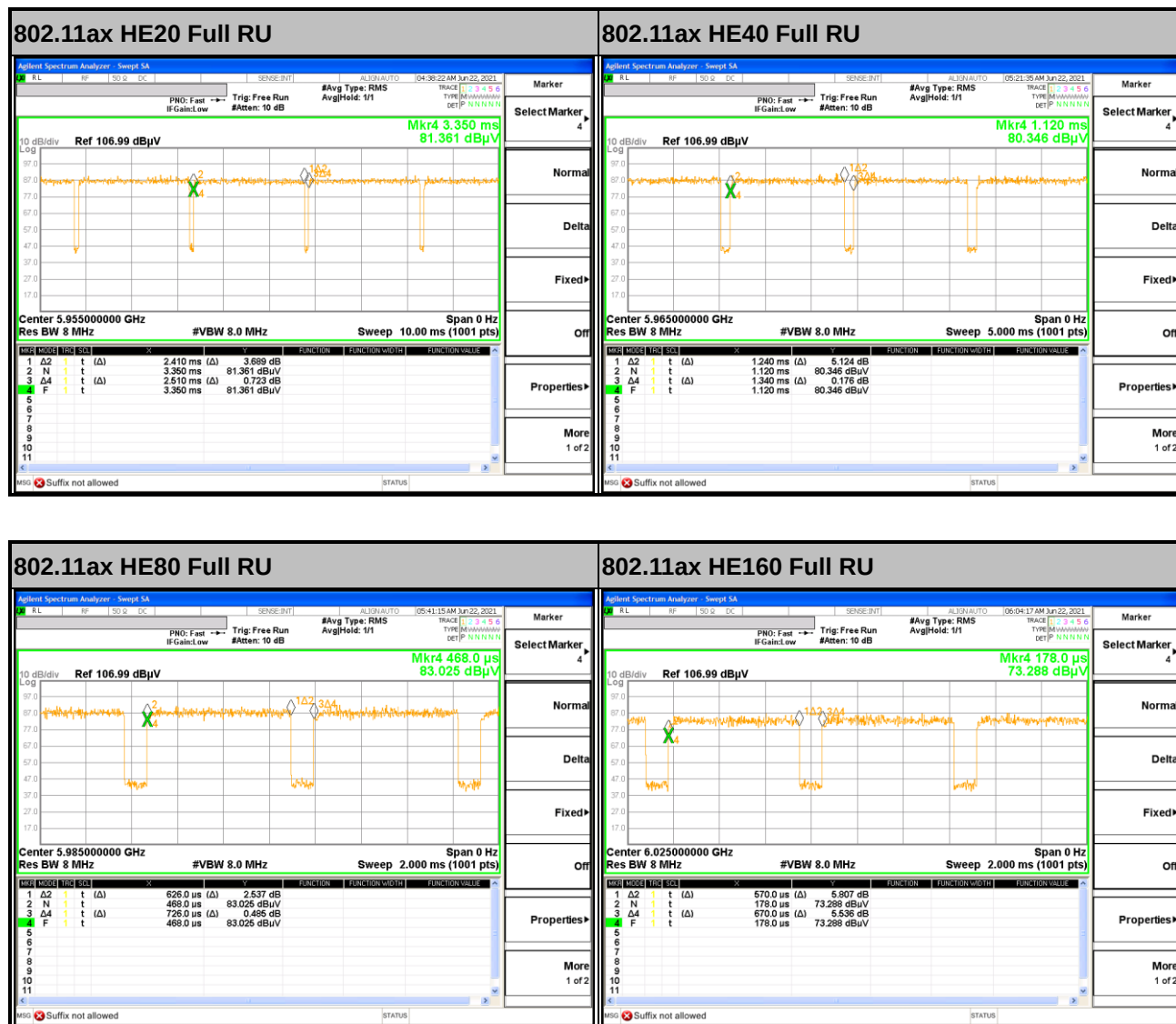
WIFI	5GHz WIFI	
ANT	802.11ax HE160 Full LF	
4+3	Horizontal	Vertical
QP / Peak	 Site : 03CH02-1H Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 002942-04 Mode : S4	 Site : 03CH02-1H Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 002942-04 Mode : S4



Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4+3	5GHz 802.11ax HE20 Full RU	96.02	2410	0.41	1kHz
4+3	5GHz 802.11ax HE40 Full RU	92.54	1240	0.81	1kHz
4+3	5GHz 802.11ax HE80 Full RU	86.23	626	1.60	3kHz
4+3	5GHz 802.11ax HE160 Full RU	85.07	570	1.75	3kHz

MIMO <Ant. 4+3>



—THE END—