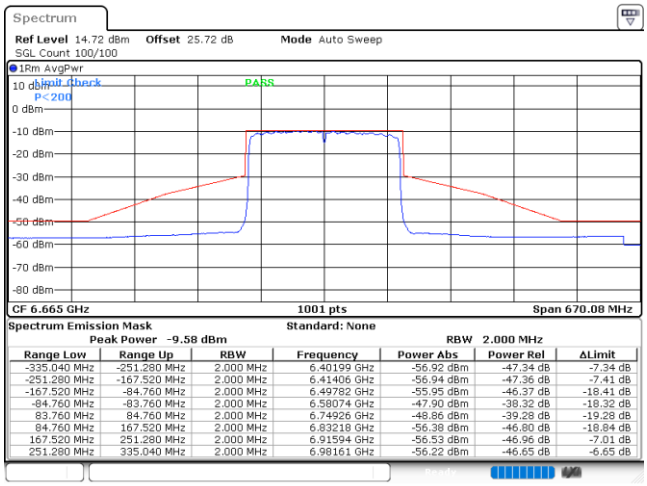
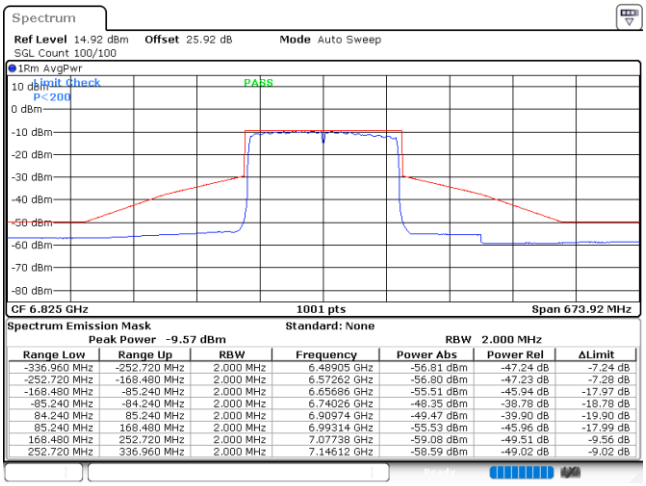
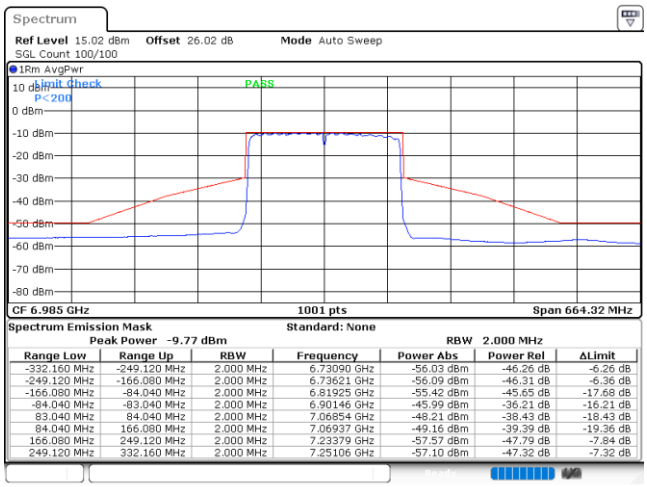
Plot on Channel 6665MHz



Plot on Channel 6825MHz



Plot on Channel 6985MHz



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:

$BWEUT$: Transmission bandwidth of EUT signal

$BWInc$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$fc1$: Center frequency of EUT transmission

$fc2$: Center frequency of simulated incumbent signal

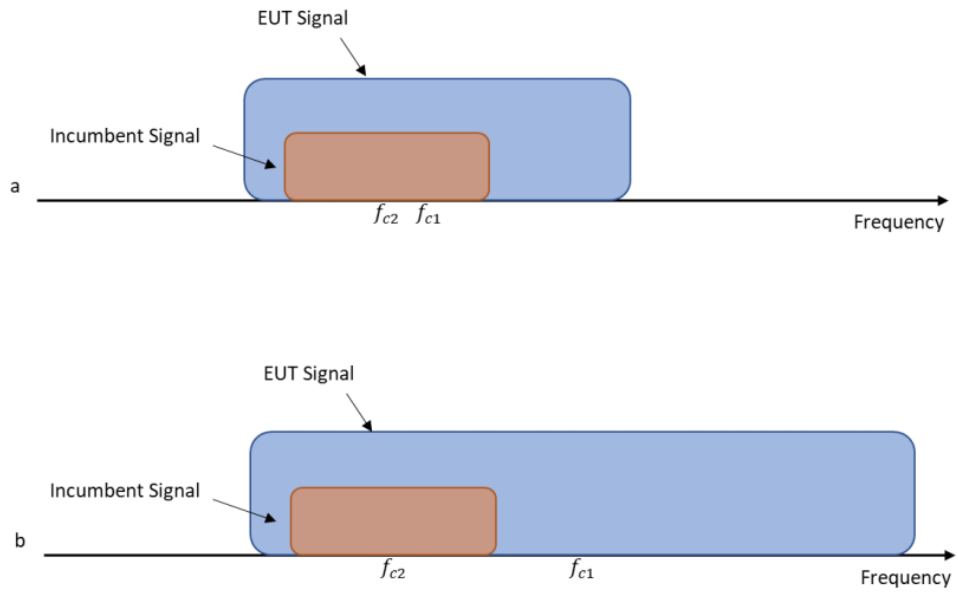


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.
Section I) Contention Based Protocol
Conducted method Step-by-Step Procedure, Conducted Setup

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

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

3.5.4 Test Setup

Conducted Setup

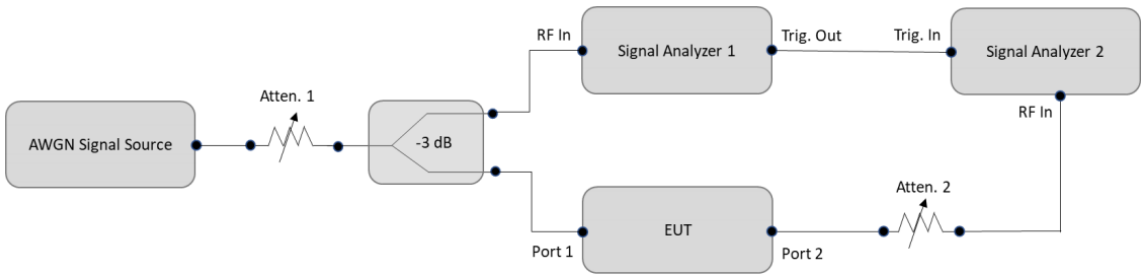


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

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 Minimum Antenna gain for Contention Based Protocol Test

CBP Antenna Gain	<UNII-5>: [3.9] dBi <UNII-6>: [3.9] dBi <UNII-7>: [4.5] dBi <UNII-8>: [3.7] dBi

3.5.7 Test Summary of Contention Based Protocol Test

Test Engineer :	Rebecca Li	Temperature :	24~26℃
		Relative Humidity :	45~50%

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-76.61	100	-62	-80.51	18.51
					Result: Stop Transmission			
				-78.61	< 90	-62	-82.51	20.51
					Result: Minimal Operation			
				-79.61	0	-62	-83.51	21.51
					Result: Normal Operation			
	6185	160	6110	-61.53	100	-62	-65.43	3.43
					Result: Stop Transmission			
				-69.53	< 90	-62	-73.43	11.43
					Result: Minimal Operation			
				-70.53	0	-62	-74.43	12.43
					Result: Normal Operation			
			6185	-62.44	100	-62	-66.34	4.34
					Result: Stop Transmission			
				-64.44	< 90	-62	-68.34	6.34
					Result: Minimal Operation			
				-65.44	0	-62	-69.34	7.34
					Result: Normal Operation			
			6260	-62.44	100	-62	-66.34	4.34
					Result: Stop Transmission			
				-69.44	< 90	-62	-73.34	11.34
					Result: Minimal Operation			
				-70.44	0	-62	-74.34	12.34
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (3.9 dBi).

Note 2: The antenna gain has included the path loss between RF connector and antenna.

Note 3: Margin = Regulated Threshold level - Adjusted Power.

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 6	6455	20	6455	-73.29	100	-62	-77.19	15.19
					Result: Stop Transmission			
				-74.29	< 90	-62	-78.19	16.19
					Result: Minimal Operation			
				-75.29	0	-62	-79.19	17.19
					Result: Normal Operation			
	6505	160	6430	-60.57	100	-62	-64.47	2.47
					Result: Stop Transmission			
				-67.57	< 90	-62	-71.47	9.47
					Result: Minimal Operation			
				-68.57	0	-62	-72.47	10.47
					Result: Normal Operation			
			6505	-58.25	100	-62	-62.15	0.15
					Result: Stop Transmission			
				-60.25	< 90	-62	-64.15	2.15
					Result: Minimal Operation			
				-61.25	0	-62	-65.15	3.15
					Result: Normal Operation			
			6580	-60.5	100	-62	-64.40	2.4
					Result: Stop Transmission			
				-67.50	< 90	-62	-71.40	9.40
					Result: Minimal Operation			
				-68.50	0	-62	-72.40	10.40
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (3.9 dBi).

Note 2: The antenna gain has included the path loss between RF connector and antenna.

Note 3: Margin = Regulated Threshold level - Adjusted Power.

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 7	6695	20	6695	-70.89	100	-62	-75.39	13.39
					Result: Stop Transmission			
				-74.89	< 90	-62	-79.39	17.39
					Result: Minimal Operation			
				-75.89	0	-62	-80.39	18.39
					Result: Normal Operation			
	6665	160	6590	-61	100	-62	-65.50	3.5
					Result: Stop Transmission			
				-71.00	< 90	-62	-75.50	13.50
					Result: Minimal Operation			
				-72.00	0	-62	-76.50	14.50
					Result: Normal Operation			
			6665	-61.22	100	-62	-65.72	3.72
					Result: Stop Transmission			
				-65.22	< 90	-62	-69.72	7.72
					Result: Minimal Operation			
				-66.22	0	-62	-70.72	8.72
					Result: Normal Operation			
			6740	-62.04	100	-62	-66.54	4.54
					Result: Stop Transmission			
				-70.04	< 90	-62	-74.54	12.54
					Result: Minimal Operation			
				-71.04	0	-62	-75.54	13.54
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (4.5 dBi).

Note 2: The antenna gain has included the path loss between RF connector and antenna.

Note 3: Margin = Regulated Threshold level - Adjusted Power.

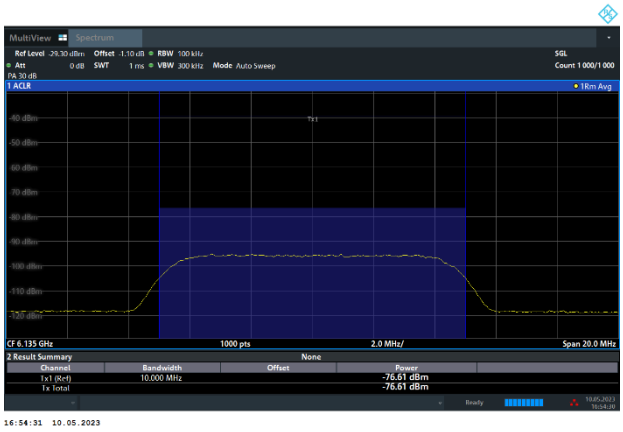
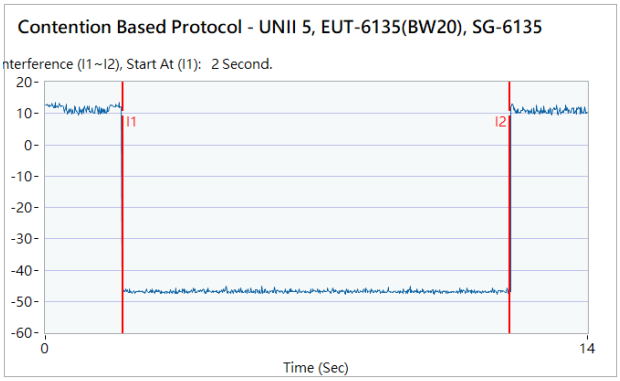
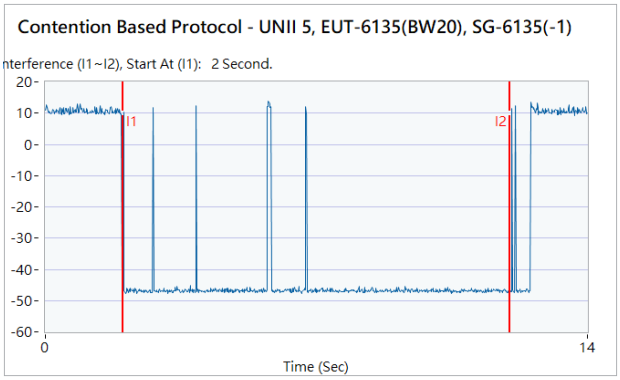
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 8	7015	20	7015	-71.91	100	-62	-75.61	13.61
					Result: Stop Transmission			
				-73.91	< 90	-62	-77.61	15.61
					Result: Minimal Operation			
				-74.91	0	-62	-78.61	16.61
					Result: Normal Operation			
	6985	160	6910	-60.91	100	-62	-64.61	2.61
					Result: Stop Transmission			
				-67.91	< 90	-62	-71.61	9.61
					Result: Minimal Operation			
				-68.91	0	-62	-72.61	10.61
					Result: Normal Operation			
			6985	-58.91	100	-62	-62.61	0.61
					Result: Stop Transmission			
				-63.91	< 90	-62	-67.61	5.61
					Result: Minimal Operation			
				-64.91	0	-62	-68.61	6.61
					Result: Normal Operation			
			7060	-63.2	100	-62	-66.90	4.9
					Result: Stop Transmission			
				-69.20	< 90	-62	-72.90	10.90
					Result: Minimal Operation			
				-70.20	0	-62	-73.90	11.90
					Result: Normal Operation			

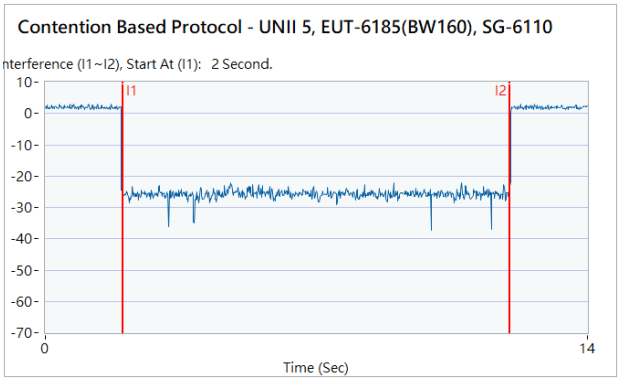
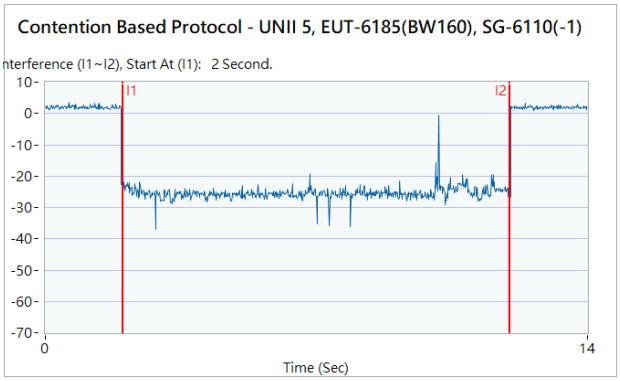
Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain (3.7 dBi).

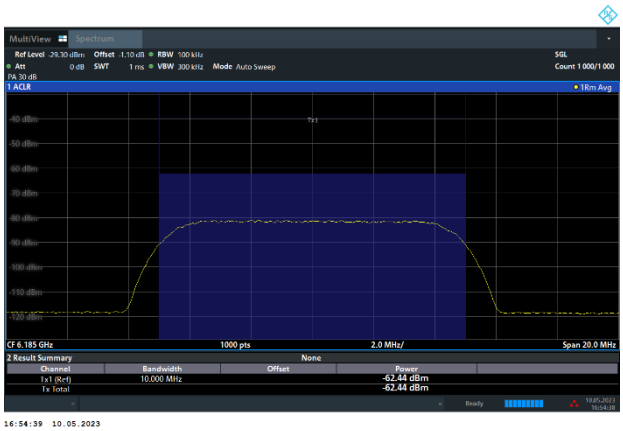
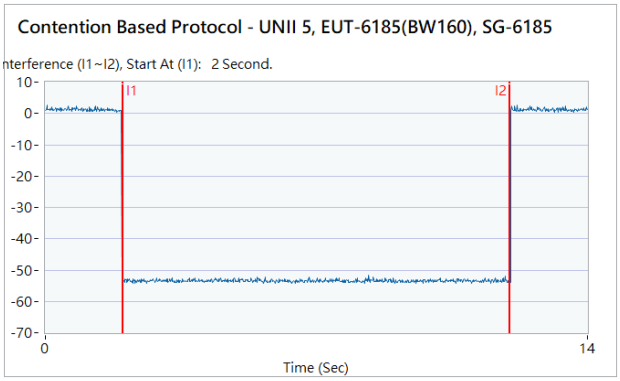
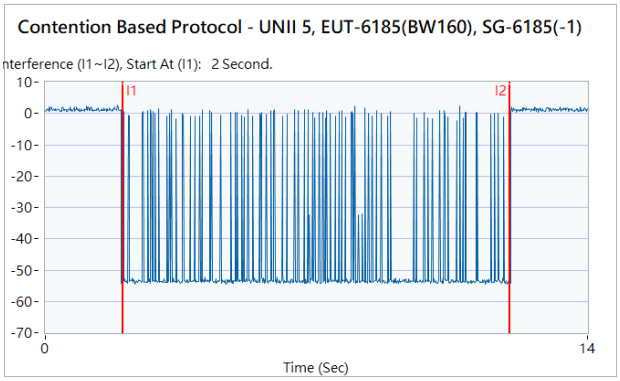
Note 2: The antenna gain has included the path loss between RF connector and antenna.

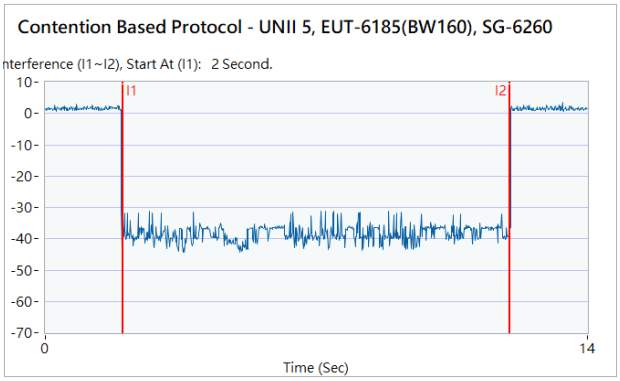
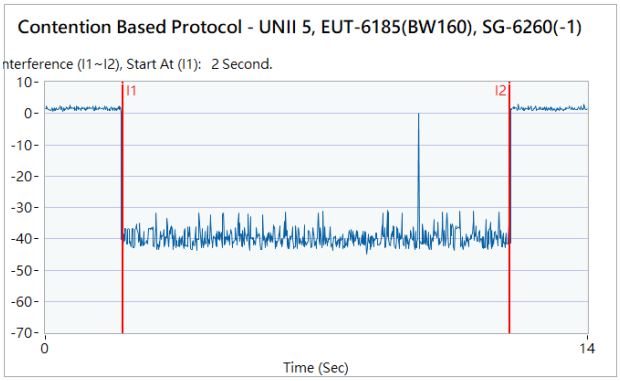
Note 3: Margin = Regulated Threshold level - Adjusted Power.

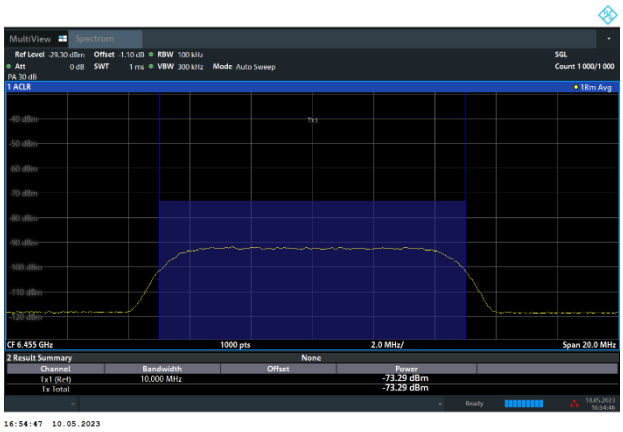
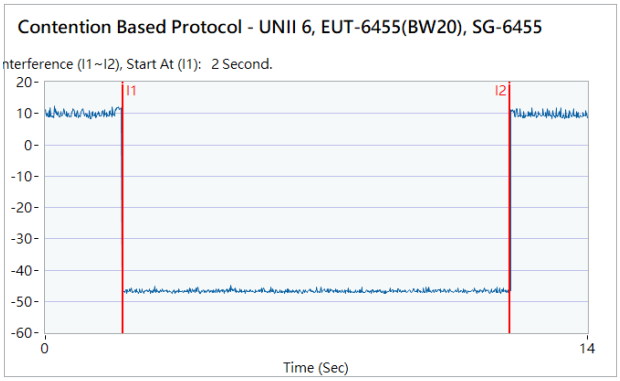
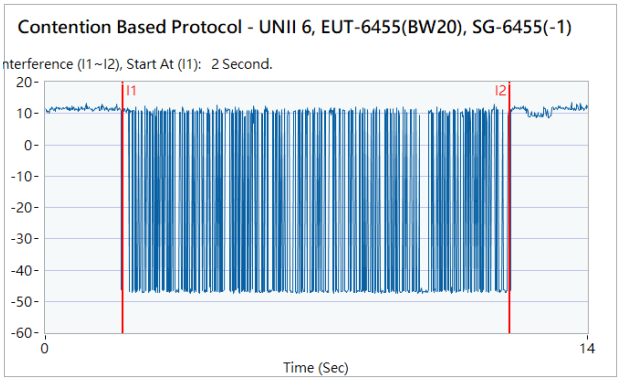
3.5.8 Test Plots of Contention Based Protocol Test

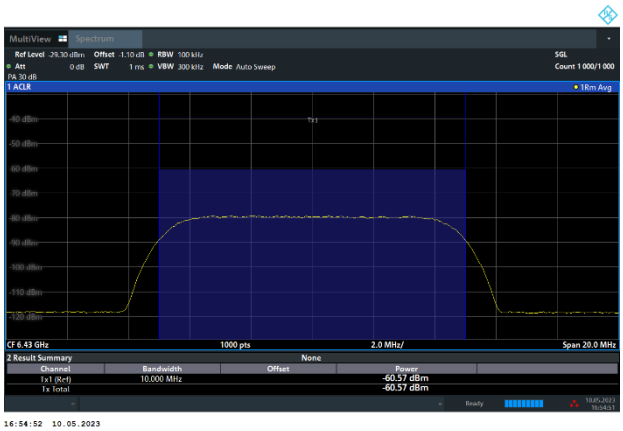
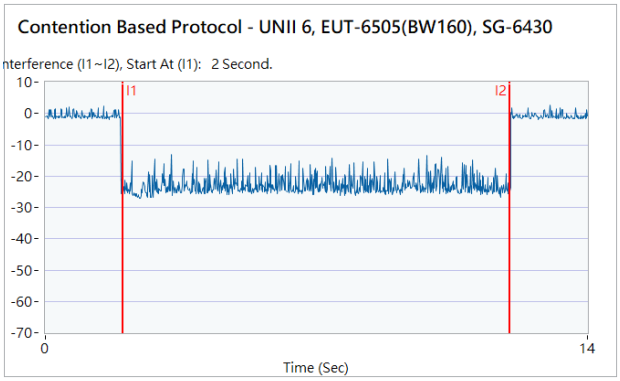
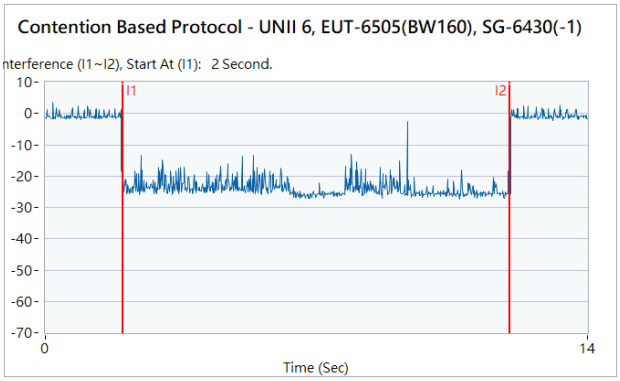
<table>
<tr><th colspan="2">Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)</th></tr>
<tr><td>802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -76.61dBm</td><td>802.11ax (HE20) / CH37
Test result is pass due to no transmission occur.</td></tr>
<tr><td> 
</td><td> 
</td></tr>
<tr><td>802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -77.61dBm</td><td>802.11ax (HE20) / CH37
Transmit when the interferer is 1dB lower.</td></tr>
<tr><td></td><td> 
</td></tr>
</table>

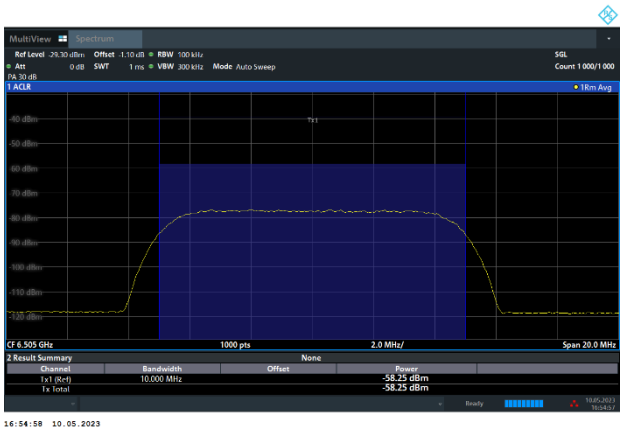
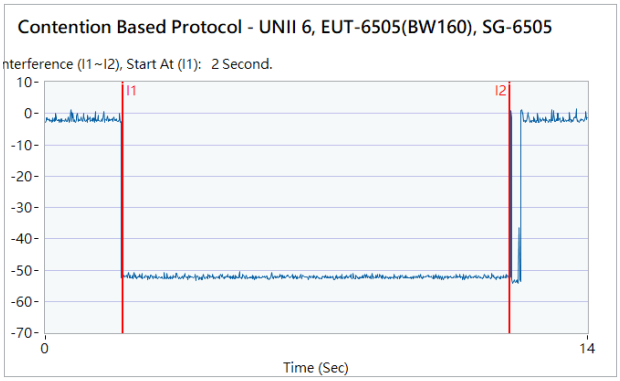
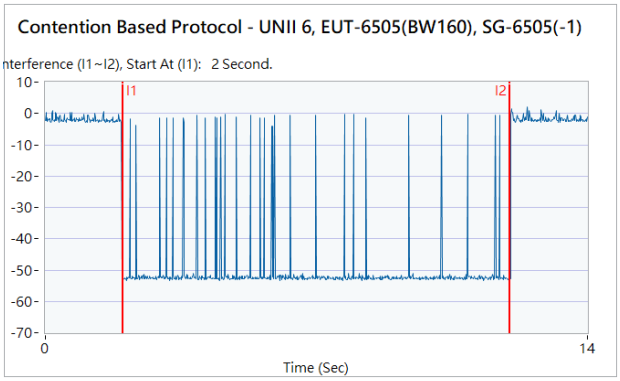
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -61.53dBm	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -62.53dBm	802.11ax (HE160) / CH47 (Lower edge) Transmit when the interferer is 1dB lower.
	

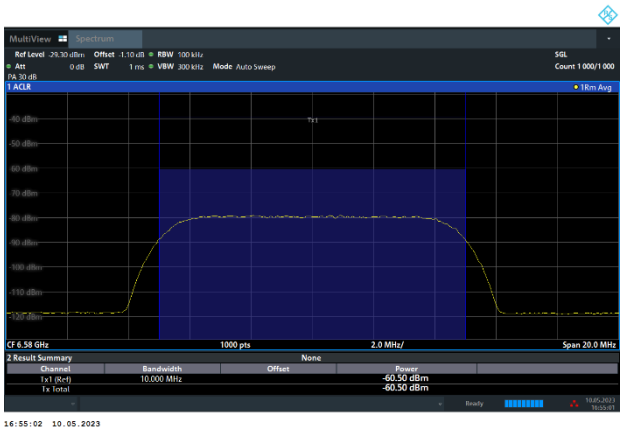
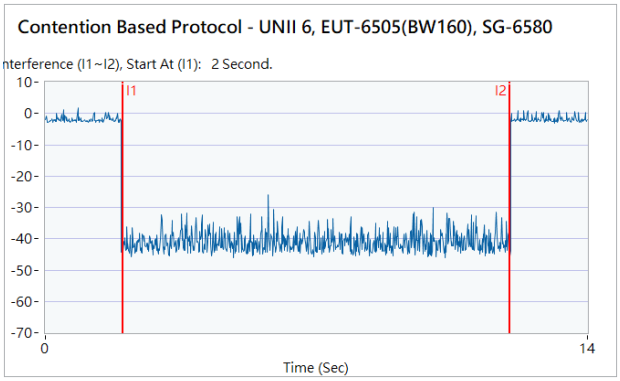
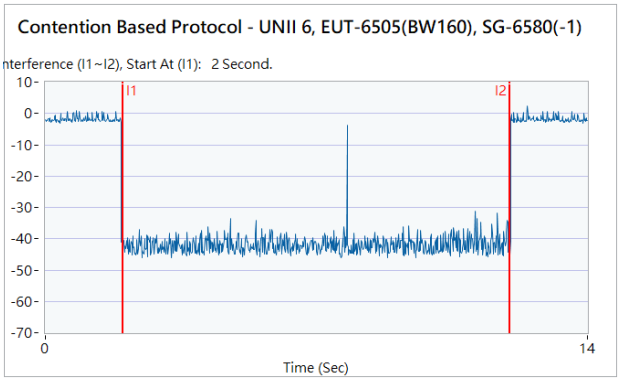
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -62.44dBm	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -63.44dBm	802.11ax (HE160) / CH47 (Middle) Transmit when the interferer is 1dB lower.
	

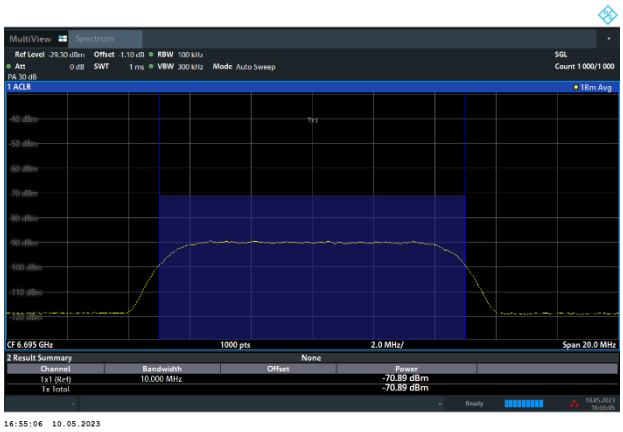
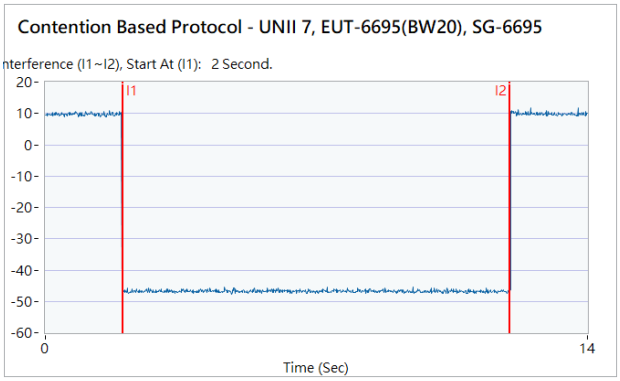
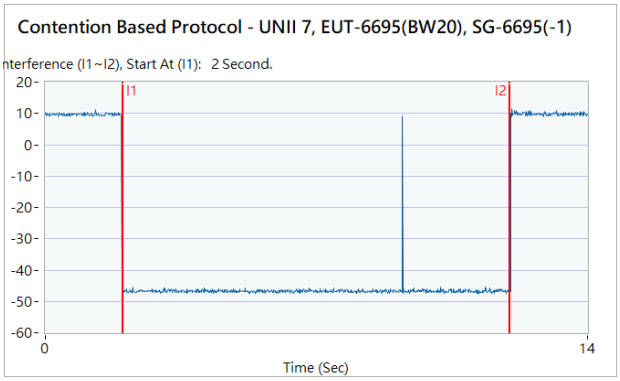
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -62.44dBm	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -63.44dBm	802.11ax (HE160) / CH47 (Upper edge) Transmit when the interferer is 1dB lower.
	

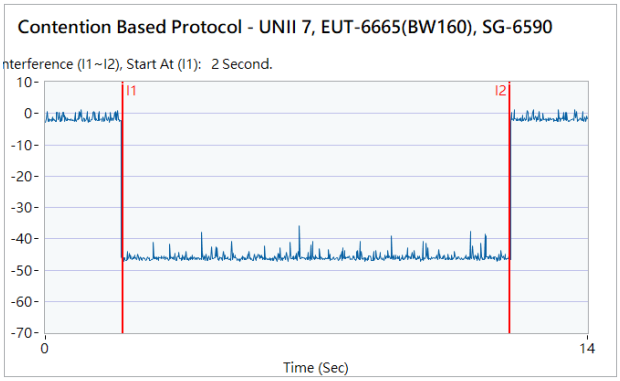
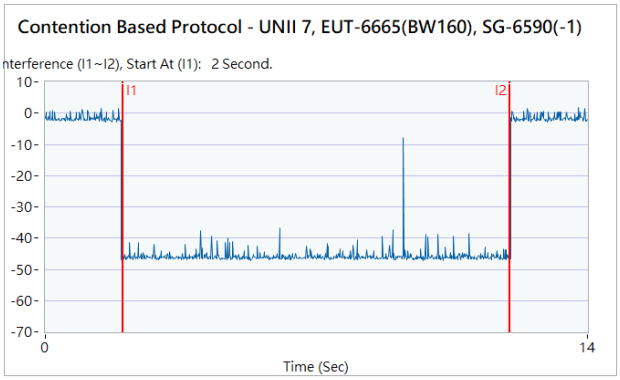
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -73.29dBm	802.11ax (HE20) / CH101 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -74.29dBm	802.11ax (HE20) / CH101 Transmit when the interferer is 1dB lower.
	

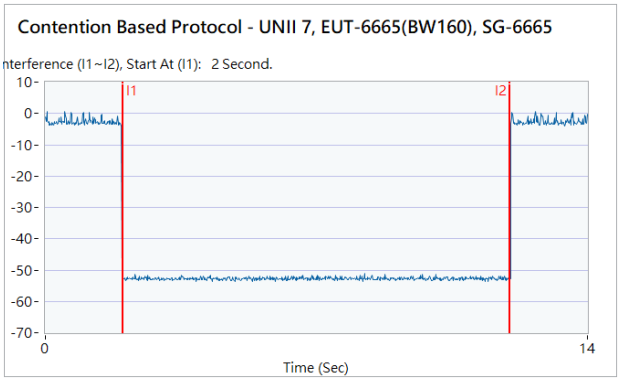
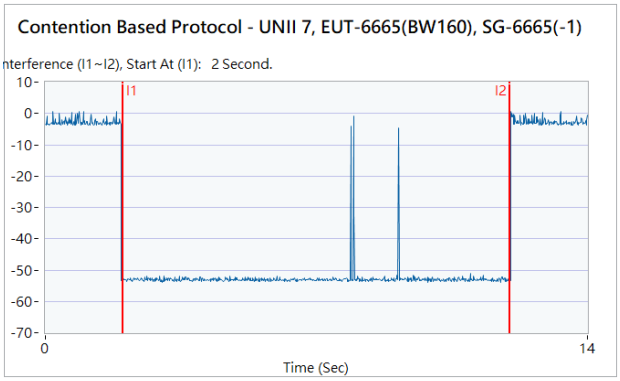
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -60.57dBm	802.11ax (HE160) / CH111 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -61.57dBm	802.11ax (HE160) / CH111 (Lower edge) Transmit when the interferer is 1dB lower.
	

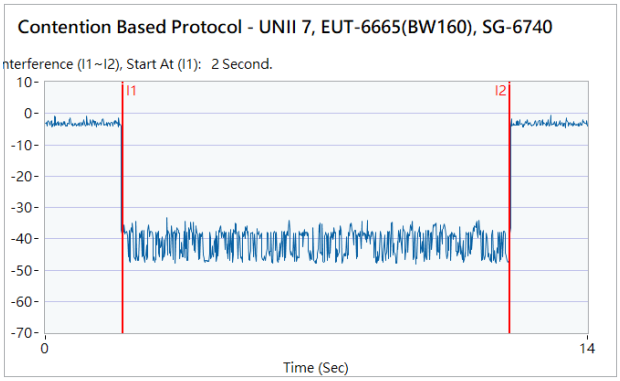
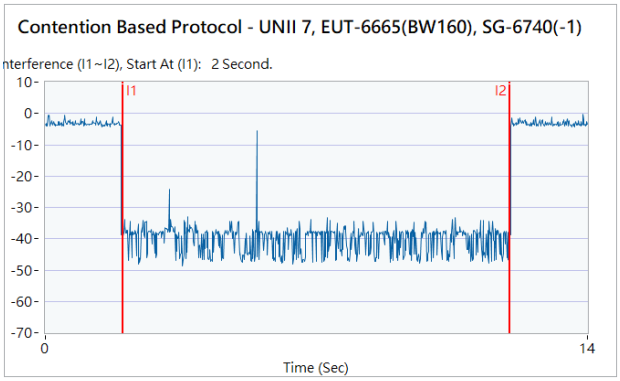
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -58.25dBm	802.11ax (HE160) / CH111 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -59.25dBm	802.11ax (HE160) / CH111 (Middle) Transmit when the interferer is 1dB lower.
	

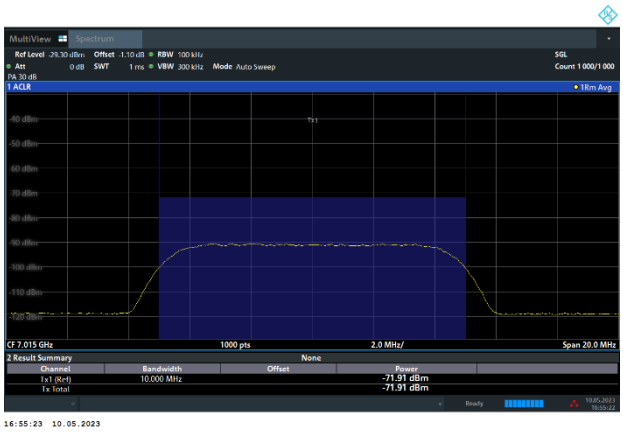
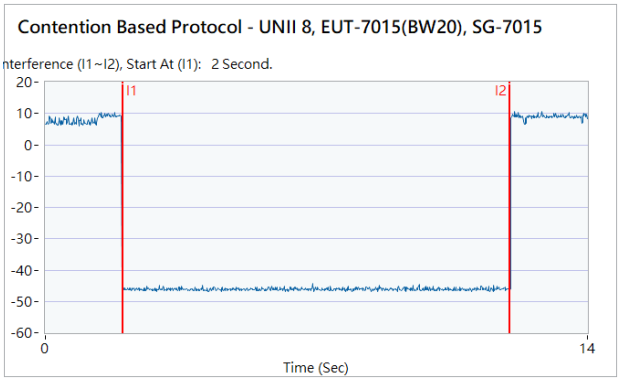
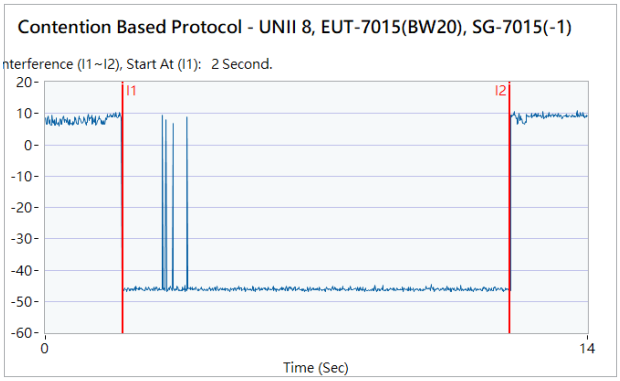
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -60.5dBm	802.11ax (HE160) / CH111 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -61.50dBm	802.11ax (HE160) / CH111 (Upper edge) Transmit when the interferer is 1dB lower.
	

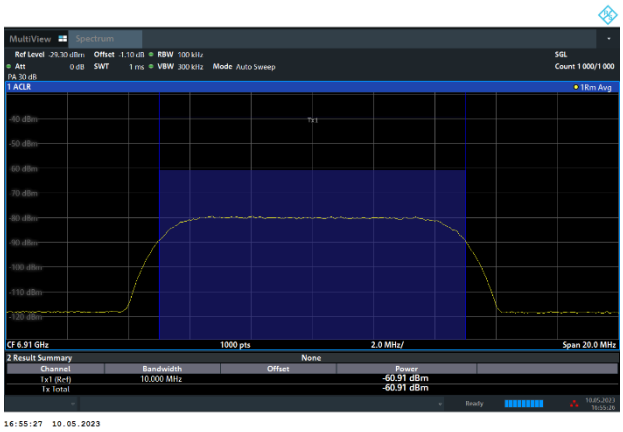
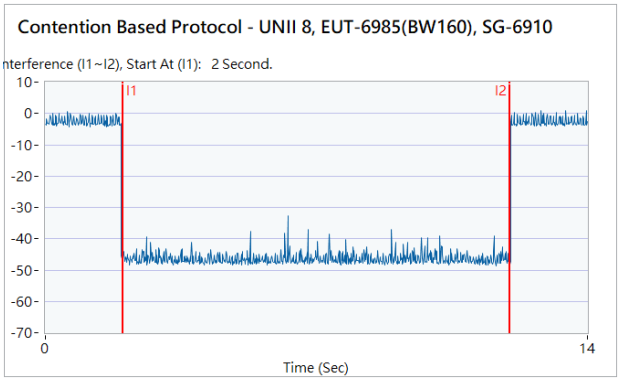
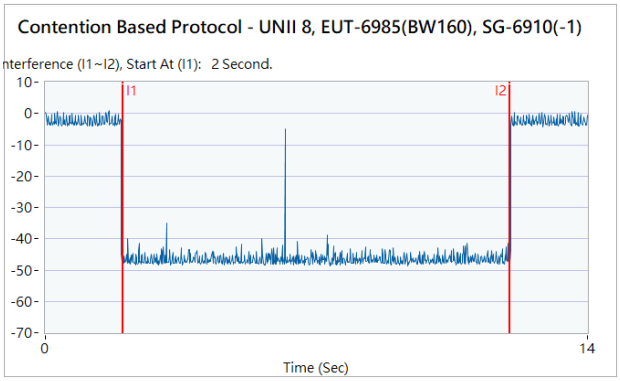
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -70.89dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -71.89dBm	802.11ax (HE20) / CH149 Transmit when the interferer is 1dB lower.
	

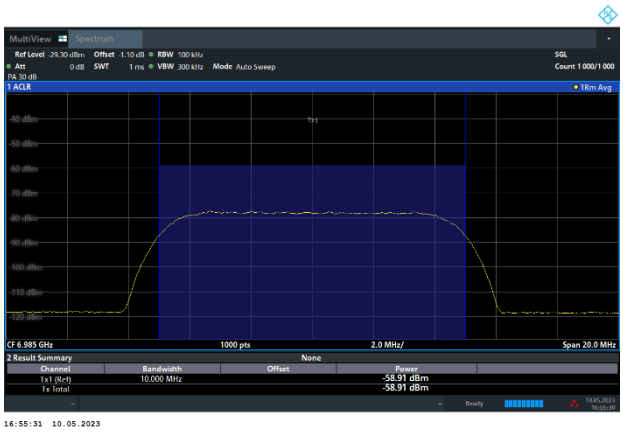
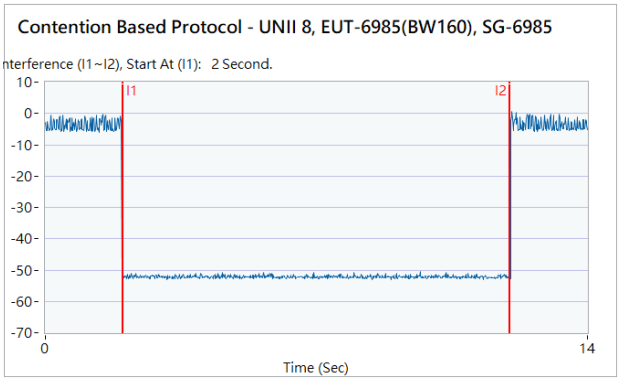
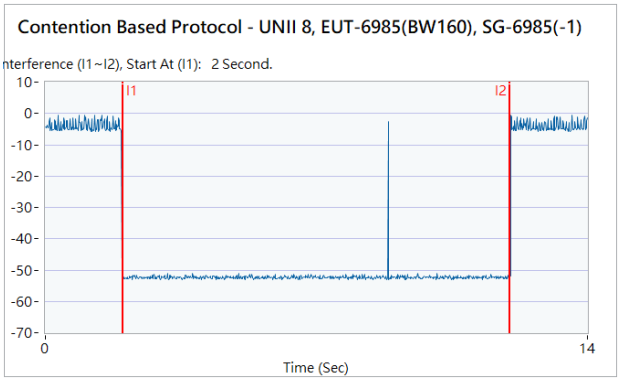
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -61dBm	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -62.00dBm	802.11ax (HE160) / CH143 (Lower edge) Transmit when the interferer is 1dB lower.
	

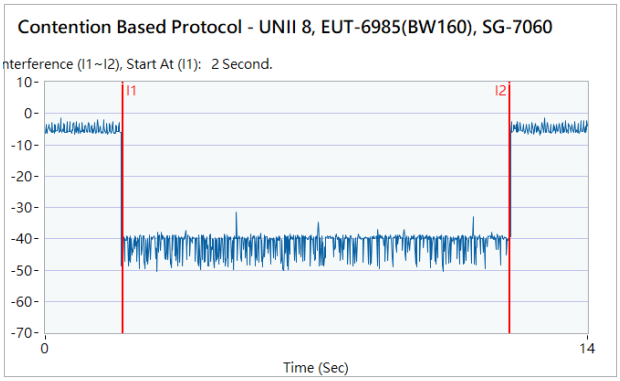
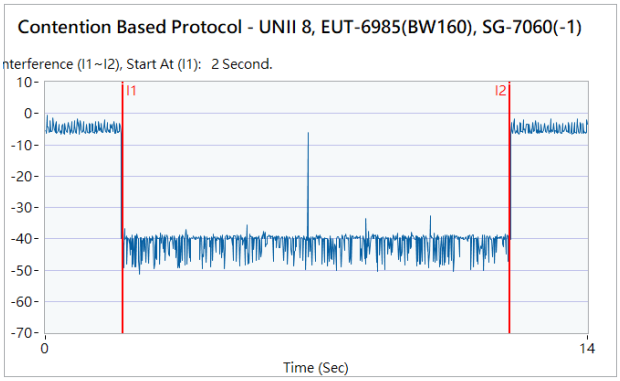
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -61.22dBm	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -62.22dBm	802.11ax (HE160) / CH143 (Middle) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -62.04dBm	802.11ax (HE160) / CH143 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -63.04dBm	802.11ax (HE160) / CH143 (Upper edge) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -71.91dBm	802.11ax (HE20) / CH213 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -72.91dBm	802.11ax (HE20) / CH213 Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE160) / 6910MHz (Lower edge) Threshold Level (TL) = -60.91dBm	802.11ax (HE160) / CH207 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6910MHz (Lower edge) Threshold Level (TL) = -61.91dBm	802.11ax (HE160) / CH207 (Lower edge) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE160) / 6985MHz (Middle) Threshold Level (TL) = -58.91dBm	802.11ax (HE160) / CH207 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6985MHz (Middle) Threshold Level (TL) = -59.91dBm	802.11ax (HE160) / CH207 (Middle) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE160) / 7060MHz (Upper edge) Threshold Level (TL) = -63.2dBm	802.11ax (HE160) / CH207 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 7060MHz (Upper edge) Threshold Level (TL) = -64.20dBm	802.11ax (HE160) / CH207 (Upper edge) Transmit when the interferer is 1dB lower.
	

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.

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

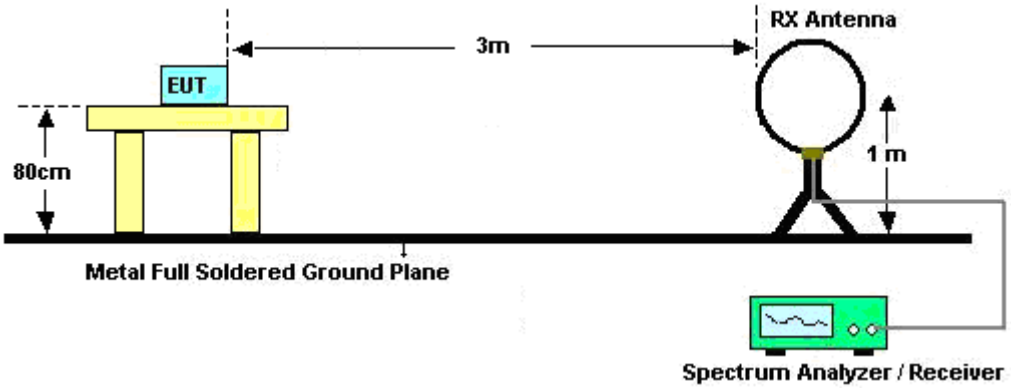
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

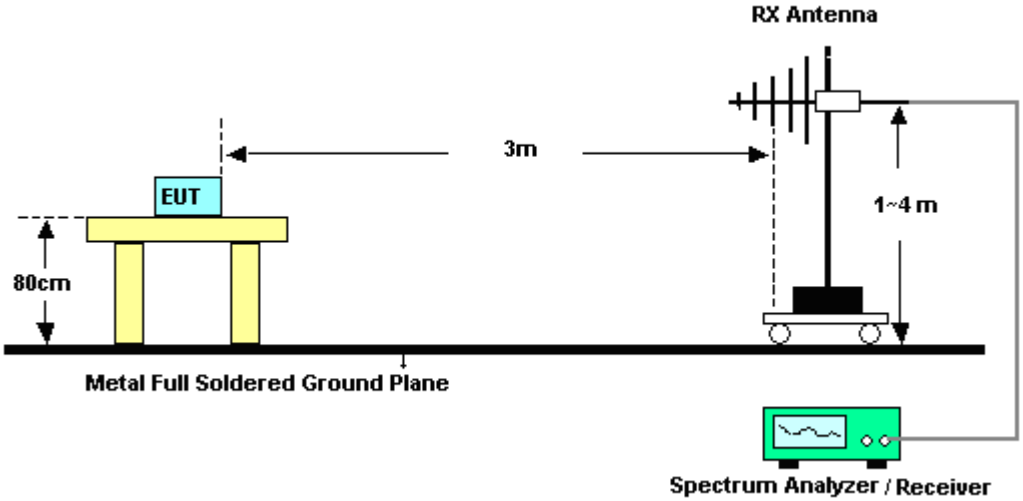
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“..

3.6.4 Test Setup

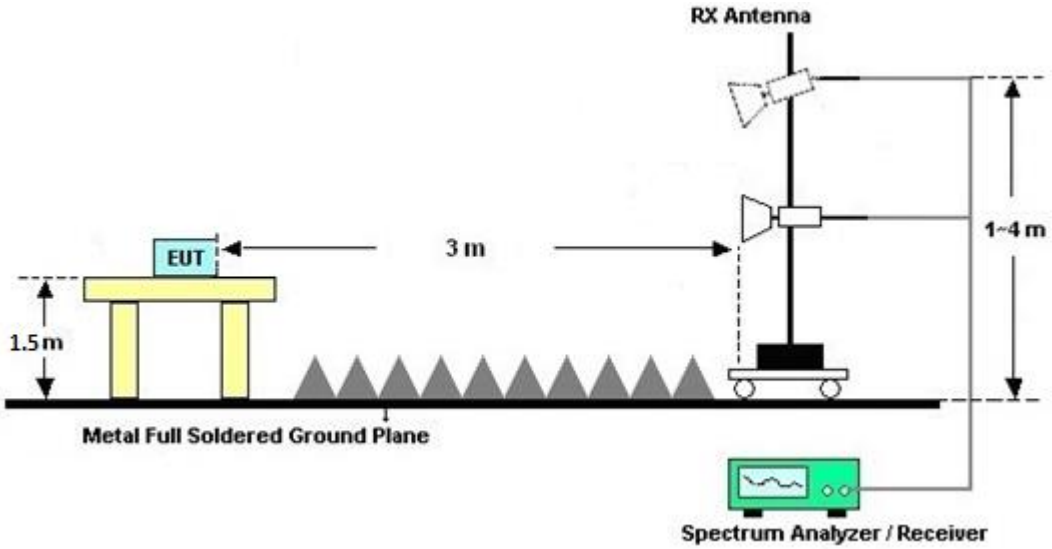
For radiated emissions below 30MHz



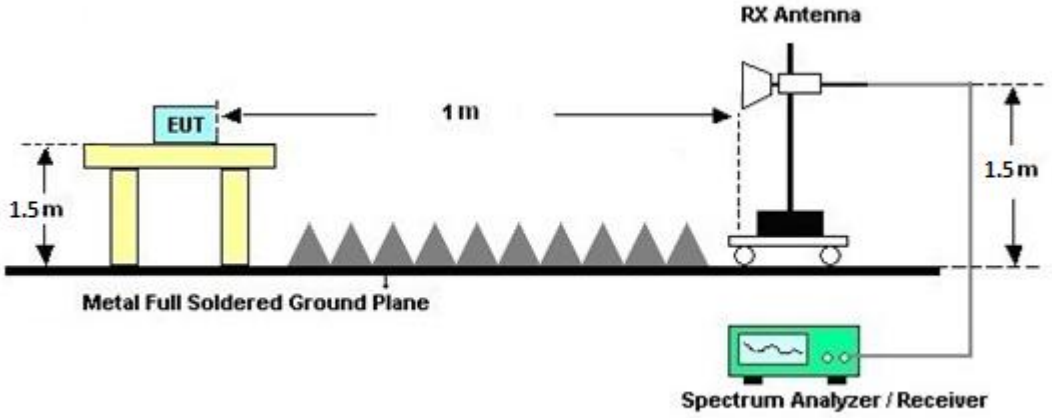
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

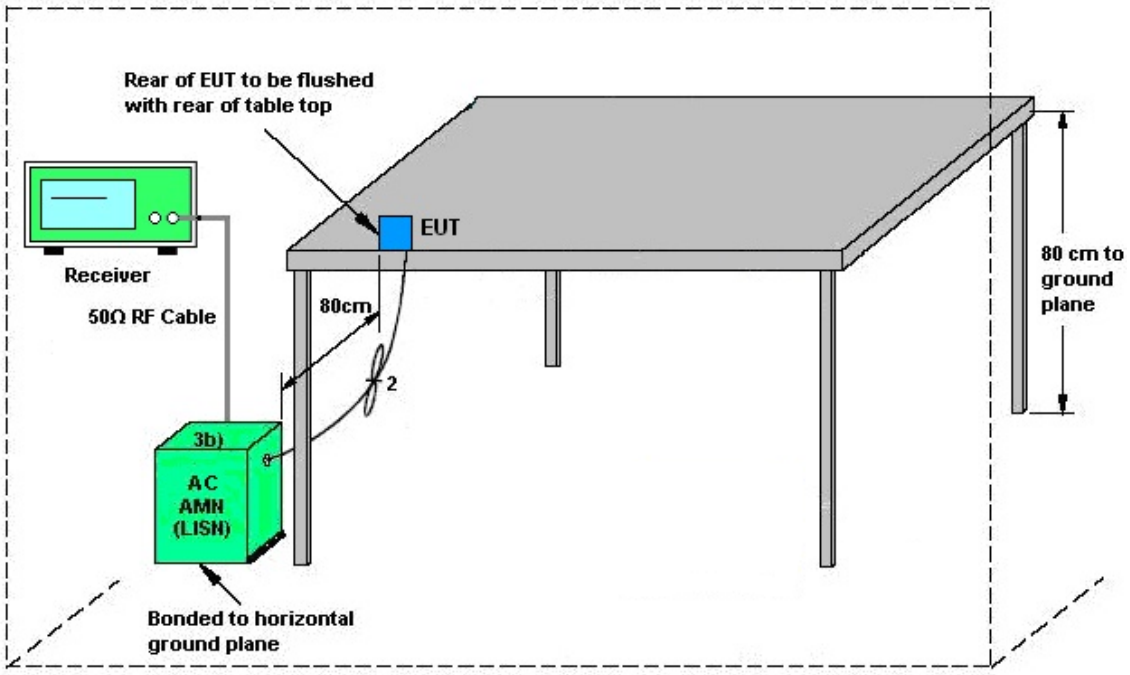
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



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

3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Standard Applicable

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

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 19, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 08, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 07, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 24, 2022	May 10, 2023~ Jun. 14, 2023	Aug. 23, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz~40GHz	Nov. 04, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 03, 2023	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 09, 2022	May 10, 2023~ Jun. 14, 2023	Dec. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800054001	1GHz~18GHz	Oct. 06, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 05, 2023	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	May 10, 2023~ Jun. 14, 2023	Jun. 27, 2023	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 07, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 06, 2023	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 18, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 17, 2023	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 07, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 06, 2023	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	May 05, 2023~ Jun. 27, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2101001 (NO:75)	10MHz~8GHz	Aug. 29, 2022	May 05, 2023~ Jun. 27, 2023	Aug. 28, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	May 05, 2023~ Jun. 27, 2023	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	May 29, 2023~ May 30, 2023	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 29, 2023~ May 30, 2023	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 01, 2022	May 29, 2023~ May 30, 2023	Oct. 31, 2023	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	May 29, 2023~ May 30, 2023	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	May 29, 2023~ May 30, 2023	Mar. 04, 2024	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 13, 2023	May 29, 2023~ May 30, 2023	Mar. 12, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 06, 2022	May 29, 2023~ May 30, 2023	Oct. 05, 2023	Conduction (CO07-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Dec. 23, 2022	May 10, 2023	Dec. 22, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101550	10Hz~13.6GHz	Jan. 30, 2023	May 10, 2023	Jan. 29, 2024	CBP (DF02-HY)
Power Divider	MVE	MVE8546	A702498	0.5GHz-6GHz	Calibration from System	May 10, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10003	0.5GHz-6GHz	Calibration from System	May 10, 2023	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010 (#2)	2GHz-8GHz	Calibration from System	May 10, 2023	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	May 10, 2023	Calibration from System	CBP (DF02-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.46 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.30 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.40 dB**

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.80 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.30 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2023/5/5~2023/6/27	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	001	5955	Full	19.18	19.28	21.00	21.42	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.18	19.18	21.78	21.42	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.18	19.18	21.36	21.48	320.00	Pass
HE40	MCS0	2	003	5965	Full	38.16	38.46	43.92	41.28	320.00	Pass
HE40	MCS0	2	051	6205	Full	38.36	38.26	41.28	40.92	320.00	Pass
HE40	MCS0	2	091	6405	Full	38.26	38.26	41.16	40.80	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.44	77.44	83.28	83.28	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.56	77.44	83.28	83.04	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.32	77.44	83.28	84.24	320.00	Pass
HE160	MCS0	2	015	6025	Full	157.04	157.04	166.08	166.08	320.00	Pass
HE160	MCS0	2	047	6185	Full	156.56	156.80	168.96	167.52	320.00	Pass
HE160	MCS0	2	079	6345	Full	157.04	156.56	168.00	168.00	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	001	5955	Full	-0.80	-1.30	1.97	4.60		6.57	24.00	Pass
HE20	MCS0	2	001	5955	26/0	-10.50	-10.70	-7.59	4.60		-2.99	24.00	Pass
HE20	MCS0	2	001	5955	52/37	-7.50	-7.80	-4.64	4.60		-0.04	24.00	Pass
HE20	MCS0	2	001	5955	106/53	-4.30	-4.60	-1.44	4.60		3.16	24.00	Pass
HE20	MCS0	2	049	6195	Full	-0.60	-0.90	2.26	4.60		6.86	24.00	Pass
HE20	MCS0	2	049	6195	26/4	-9.90	-9.70	-6.79	4.60		-2.19	24.00	Pass
HE20	MCS0	2	049	6195	52/38	-7.70	-7.50	-4.59	4.60		0.01	24.00	Pass
HE20	MCS0	2	049	6195	106/53	-4.70	-4.60	-1.64	4.60		2.96	24.00	Pass
HE20	MCS0	2	093	6415	Full	-0.40	-1.20	2.23	4.60		6.83	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-10.50	-10.60	-7.54	4.60		-2.94	24.00	Pass
HE20	MCS0	2	093	6415	52/40	-7.40	-7.80	-4.59	4.60		0.01	24.00	Pass
HE20	MCS0	2	093	6415	106/54	-4.20	-4.60	-1.39	4.60		3.21	24.00	Pass
HE40	MCS0	2	003	5965	Full	3.00	2.40	5.72	4.60		10.32	24.00	Pass
HE40	MCS0	2	051	6205	Full	2.70	2.00	5.37	4.60		9.97	24.00	Pass
HE40	MCS0	2	091	6405	Full	2.70	2.10	5.42	4.60		10.02	24.00	Pass
HE80	MCS0	2	007	5985	Full	5.70	6.30	9.02	4.60		13.62	24.00	Pass
HE80	MCS0	2	055	6225	Full	5.90	6.30	9.11	4.60		13.71	24.00	Pass
HE80	MCS0	2	087	6385	Full	5.80	6.20	9.01	4.60		13.61	24.00	Pass
HE160	MCS0	2	015	6025	Full	8.50	9.30	11.93	4.60		16.53	24.00	Pass
HE160	MCS0	2	047	6185	Full	8.30	8.90	11.62	4.60		16.22	24.00	Pass
HE160	MCS0	2	079	6345	Full	8.30	8.90	11.62	4.60		16.22	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	001	5955	Full	0.00	0.00			-9.67	7.27		-2.40	-1.00	Pass
HE20	MCS0	2	001	5955	26/0	0.00	0.00			-9.50	7.27		-2.23	-1.00	Pass
HE20	MCS0	2	001	5955	52/37	0.00	0.00			-9.54	7.27		-2.28	-1.00	Pass
HE20	MCS0	2	001	5955	106/53	0.00	0.00			-9.53	7.27		-2.26	-1.00	Pass
HE20	MCS0	2	049	6195	Full	0.00	0.00			-9.29	7.27		-2.03	-1.00	Pass
HE20	MCS0	2	049	6195	26/4	0.00	0.00			-9.69	7.27		-2.42	-1.00	Pass
HE20	MCS0	2	049	6195	52/38	0.00	0.00			-9.40	7.27		-2.13	-1.00	Pass
HE20	MCS0	2	049	6195	106/53	0.00	0.00			-9.59	7.27		-2.33	-1.00	Pass
HE20	MCS0	2	093	6415	Full	0.00	0.00			-9.65	7.27		-2.38	-1.00	Pass
HE20	MCS0	2	093	6415	26/8	0.00	0.00			-9.46	7.27		-2.19	-1.00	Pass
HE20	MCS0	2	093	6415	52/40	0.00	0.00			-9.47	7.27		-2.20	-1.00	Pass
HE20	MCS0	2	093	6415	106/54	0.00	0.00			-9.41	7.27		-2.14	-1.00	Pass
HE40	MCS0	2	003	5965	Full	0.02	0.03			-9.64	7.27		-2.37	-1.00	Pass
HE40	MCS0	2	051	6205	Full	0.02	0.03			-9.68	7.27		-2.42	-1.00	Pass
HE40	MCS0	2	091	6405	Full	0.02	0.03			-9.70	7.27		-2.43	-1.00	Pass
HE80	MCS0	2	007	5985	Full	0.03	0.03			-9.80	7.27		-2.53	-1.00	Pass
HE80	MCS0	2	055	6225	Full	0.03	0.03			-9.34	7.27		-2.07	-1.00	Pass
HE80	MCS0	2	087	6385	Full	0.03	0.03			-9.51	7.27		-2.25	-1.00	Pass
HE160	MCS0	2	015	6025	Full	0.04	0.02			-9.71	7.27		-2.44	-1.00	Pass
HE160	MCS0	2	047	6185	Full	0.04	0.02			-9.73	7.27		-2.46	-1.00	Pass
HE160	MCS0	2	079	6345	Full	0.04	0.02			-9.63	7.27		-2.36	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	097	6435	Full	19.18	19.28	22.14	21.30	320.00	Pass
HE20	MCS0	2	105	6475	Full	19.13	19.18	22.08	21.24	320.00	Pass
HE20	MCS0	2	113	6515	Full	19.13	19.28	21.24	21.54	320.00	Pass
HE40	MCS0	2	099	6445	Full	38.36	38.46	40.92	41.76	320.00	Pass
HE40	MCS0	2	107	6485	Full	38.26	38.26	40.80	40.44	320.00	Pass
HE80	MCS0	2	103	6465	Full	77.20	77.44	83.52	83.04	320.00	Pass

U-NII-6 straddle channel MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE40	MCS0	2	115	6525	Full	38.26	38.36	40.68	40.92	320.00	Pass
HE80	MCS0	2	119	6545	Full	77.20	77.44	82.80	83.28	320.00	Pass
HE160	MCS0	2	111	6505	Full	156.56	156.32	167.52	168.00	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	097	6435	Full	-0.60	-1.30	2.07	4.40		6.47	24.00	Pass
HE20	MCS0	2	097	6435	26/0	-10.00	-10.60	-7.28	4.40		-2.88	24.00	Pass
HE20	MCS0	2	097	6435	52/37	-7.00	-7.70	-4.33	4.40		0.07	24.00	Pass
HE20	MCS0	2	097	6435	106/53	-3.80	-4.60	-1.17	4.40		3.23	24.00	Pass
HE20	MCS0	2	105	6475	Full	-0.70	-1.00	2.16	4.40		6.56	24.00	Pass
HE20	MCS0	2	105	6475	26/4	-9.20	-9.50	-6.34	4.40		-1.94	24.00	Pass
HE20	MCS0	2	105	6475	52/38	-7.20	-7.50	-4.34	4.40		0.06	24.00	Pass
HE20	MCS0	2	105	6475	106/53	-4.40	-4.60	-1.49	4.40		2.91	24.00	Pass
HE20	MCS0	2	113	6515	Full	-0.80	-1.60	1.83	4.40		6.23	24.00	Pass
HE20	MCS0	2	113	6515	26/8	-9.80	-10.60	-7.17	4.40		-2.77	24.00	Pass
HE20	MCS0	2	113	6515	52/40	-7.30	-7.90	-4.58	4.40		-0.18	24.00	Pass
HE20	MCS0	2	113	6515	106/54	-4.10	-4.80	-1.43	4.40		2.97	24.00	Pass
HE40	MCS0	2	099	6445	Full	3.30	2.40	5.88	4.40		10.28	24.00	Pass
HE40	MCS0	2	107	6485	Full	3.10	2.40	5.77	4.40		10.17	24.00	Pass
HE80	MCS0	2	103	6465	Full	5.90	6.00	8.96	4.40		13.36	24.00	Pass

U-NII-6 straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE40	MCS0	2	115	6525	Full	4.00	2.20	6.20	4.40		10.60	24.00	Pass
HE80	MCS0	2	119	6545	Full	5.90	5.90	8.91	4.40		13.31	24.00	Pass
HE160	MCS0	2	111	6505	Full	8.90	9.40	12.17	4.40		16.57	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	097	6435	Full	0.00	0.00			-9.47	7.16		-2.31	-1.00	Pass
HE20	MCS0	2	097	6435	26/0	0.00	0.00			-9.38	7.16		-2.21	-1.00	Pass
HE20	MCS0	2	097	6435	52/37	0.00	0.00			-9.33	7.16		-2.16	-1.00	Pass
HE20	MCS0	2	097	6435	106/53	0.00	0.00			-9.26	7.16		-2.10	-1.00	Pass
HE20	MCS0	2	105	6475	Full	0.00	0.00			-9.26	7.16		-2.09	-1.00	Pass
HE20	MCS0	2	105	6475	26/4	0.00	0.00			-9.30	7.16		-2.13	-1.00	Pass
HE20	MCS0	2	105	6475	52/38	0.00	0.00			-9.25	7.16		-2.08	-1.00	Pass
HE20	MCS0	2	105	6475	106/53	0.00	0.00			-9.47	7.16		-2.31	-1.00	Pass
HE20	MCS0	2	113	6515	Full	0.00	0.00			-9.60	7.16		-2.44	-1.00	Pass
HE20	MCS0	2	113	6515	26/8	0.00	0.00			-9.22	7.16		-2.05	-1.00	Pass
HE20	MCS0	2	113	6515	52/40	0.00	0.00			-9.71	7.16		-2.54	-1.00	Pass
HE20	MCS0	2	113	6515	106/54	0.00	0.00			-9.43	7.16		-2.26	-1.00	Pass
HE40	MCS0	2	099	6445	Full	0.02	0.03			-9.51	7.16		-2.35	-1.00	Pass
HE40	MCS0	2	107	6485	Full	0.02	0.03			-9.36	7.16		-2.20	-1.00	Pass
HE80	MCS0	2	103	6465	Full	0.03	0.03			-9.43	7.16		-2.27	-1.00	Pass

U-NII-6 straddle channel MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE40	MCS0	2	115	6525	Full	0.02	0.03			-9.33	7.16		-2.17	-1.00	Pass
HE80	MCS0	2	119	6545	Full	0.03	0.03			-9.58	7.16		-2.41	-1.00	Pass
HE160	MCS0	2	111	6505	Full	0.04	0.02			-9.25	7.16		-2.09	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	117	6535	Full	19.08	19.28	21.36	21.30	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.28	19.23	21.48	21.42	320.00	Pass
HE20	MCS0	2	181	6855	Full	19.28	19.38	21.36	21.42	320.00	Pass
HE40	MCS0	2	123	6565	Full	38.36	38.46	40.80	40.80	320.00	Pass
HE40	MCS0	2	147	6685	Full	38.16	38.56	41.16	41.16	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.26	38.46	40.10	40.70	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.20	77.44	83.04	83.76	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.20	77.44	83.28	83.28	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.32	77.44	83.28	82.80	320.00	Pass
HE160	MCS0	2	143	6665	Full	156.80	156.80	166.56	167.52	320.00	Pass

U-NII-7 straddle channel MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	185	6875	Full	19.28	19.38	21.06	21.30	320.00	Pass
HE40	MCS0	2	187	6885	Full	38.36	38.66	40.44	40.08	320.00	Pass
HE80	MCS0	2	183	6865	Full	77.44	77.32	83.76	83.28	320.00	Pass
HE160	MCS0	2	175	6825	Full	156.56	156.80	167.04	168.48	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	117	6535	Full	-0.70	-1.50	1.93	4.70		6.63	24.00	Pass
HE20	MCS0	2	117	6535	26/0	-10.40	-10.60	-7.49	4.70		-2.79	24.00	Pass
HE20	MCS0	2	117	6535	52/37	-7.40	-7.80	-4.59	4.70		0.11	24.00	Pass
HE20	MCS0	2	117	6535	106/53	-4.30	-4.80	-1.53	4.70		3.17	24.00	Pass
HE20	MCS0	2	149	6695	Full	-1.10	-1.10	1.91	4.70		6.61	24.00	Pass
HE20	MCS0	2	149	6695	26/4	-9.80	-9.40	-6.59	4.70		-1.89	24.00	Pass
HE20	MCS0	2	149	6695	52/38	-7.90	-8.00	-4.94	4.70		-0.24	24.00	Pass
HE20	MCS0	2	149	6695	106/53	-4.60	-4.60	-1.59	4.70		3.11	24.00	Pass
HE20	MCS0	2	181	6855	Full	-1.50	-1.80	1.36	4.70		6.06	24.00	Pass
HE20	MCS0	2	181	6855	26/8	-9.70	-9.30	-6.49	4.70		-1.79	24.00	Pass
HE20	MCS0	2	181	6855	52/40	-8.10	-7.90	-4.99	4.70		-0.29	24.00	Pass
HE20	MCS0	2	181	6855	106/54	-4.80	-4.70	-1.74	4.70		2.96	24.00	Pass
HE40	MCS0	2	123	6565	Full	3.10	1.60	5.42	4.70		10.12	24.00	Pass
HE40	MCS0	2	147	6685	Full	3.00	1.80	5.45	4.70		10.15	24.00	Pass
HE40	MCS0	2	179	6845	Full	2.40	1.80	5.12	4.70		9.82	24.00	Pass
HE80	MCS0	2	135	6625	Full	5.60	5.60	8.61	4.70		13.31	24.00	Pass
HE80	MCS0	2	151	6705	Full	5.70	5.80	8.76	4.70		13.46	24.00	Pass
HE80	MCS0	2	167	6785	Full	5.50	5.60	8.56	4.70		13.26	24.00	Pass
HE160	MCS0	2	143	6665	Full	8.50	8.80	11.66	4.70		16.36	24.00	Pass

U-NII-7 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	185	6875	Full	-1.10	-1.50	1.71	4.70		6.41	24.00	Pass
HE20	MCS0	2	185	6875	26/8	-11.00	-11.10	-8.04	4.70		-3.34	24.00	Pass
HE20	MCS0	2	185	6875	52/40	-8.00	-8.20	-5.09	4.70		-0.39	24.00	Pass
HE20	MCS0	2	185	6875	106/54	-4.80	-5.20	-1.99	4.70		2.71	24.00	Pass
HE40	MCS0	2	187	6885	Full	2.40	1.90	5.17	4.70		9.87	24.00	Pass
HE80	MCS0	2	183	6865	Full	5.70	5.80	8.76	4.70		13.46	24.00	Pass
HE160	MCS0	2	175	6825	Full	8.70	8.90	11.81	4.70		16.51	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	117	6535	Full	0.00	0.00			-9.67	7.61		-2.06	-1.00	Pass
HE20	MCS0	2	117	6535	26/0	0.00	0.00			-9.65	7.61		-2.04	-1.00	Pass
HE20	MCS0	2	117	6535	52/37	0.00	0.00			-9.64	7.61		-2.03	-1.00	Pass
HE20	MCS0	2	117	6535	106/53	0.00	0.00			-10.08	7.61		-2.47	-1.00	Pass
HE20	MCS0	2	149	6695	Full	0.00	0.00			-9.68	7.61		-2.07	-1.00	Pass
HE20	MCS0	2	149	6695	26/4	0.00	0.00			-9.71	7.61		-2.10	-1.00	Pass
HE20	MCS0	2	149	6695	52/38	0.00	0.00			-10.00	7.61		-2.39	-1.00	Pass
HE20	MCS0	2	149	6695	106/53	0.00	0.00			-9.75	7.61		-2.14	-1.00	Pass
HE20	MCS0	2	181	6855	Full	0.00	0.00			-10.02	7.61		-2.41	-1.00	Pass
HE20	MCS0	2	181	6855	26/8	0.00	0.00			-9.80	7.61		-2.18	-1.00	Pass
HE20	MCS0	2	181	6855	52/40	0.00	0.00			-9.87	7.61		-2.26	-1.00	Pass
HE20	MCS0	2	181	6855	106/54	0.00	0.00			-9.77	7.61		-2.16	-1.00	Pass
HE40	MCS0	2	123	6565	Full	0.02	0.03			-9.68	7.61		-2.07	-1.00	Pass
HE40	MCS0	2	147	6685	Full	0.02	0.03			-9.94	7.61		-2.33	-1.00	Pass
HE40	MCS0	2	179	6845	Full	0.02	0.03			-10.39	7.61		-2.78	-1.00	Pass
HE80	MCS0	2	135	6625	Full	0.03	0.03			-9.74	7.61		-2.13	-1.00	Pass
HE80	MCS0	2	151	6705	Full	0.03	0.03			-9.77	7.61		-2.15	-1.00	Pass
HE80	MCS0	2	167	6785	Full	0.03	0.03			-9.94	7.61		-2.32	-1.00	Pass
HE160	MCS0	2	143	6665	Full	0.04	0.02			-9.90	7.61		-2.29	-1.00	Pass

U-NII-7 straddle channel MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	185	6875	Full	0.00	0.00			-10.03	7.61		-2.41	-1.00	Pass
HE20	MCS0	2	185	6875	26/8	0.00	0.00			-10.06	7.61		-2.45	-1.00	Pass
HE20	MCS0	2	185	6875	52/40	0.00	0.00			-10.07	7.61		-2.46	-1.00	Pass
HE20	MCS0	2	185	6875	106/54	0.00	0.00			-10.06	7.61		-2.45	-1.00	Pass
HE40	MCS0	2	187	6885	Full	0.02	0.03			-9.65	7.61		-2.03	-1.00	Pass
HE80	MCS0	2	183	6865	Full	0.03	0.03			-10.03	7.61		-2.42	-1.00	Pass
HE160	MCS0	2	175	6825	Full	0.04	0.02			-9.97	7.61		-2.36	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	189	6895	Full	19.33	19.43	21.66	21.42	320.00	Pass
HE20	MCS0	2	209	6995	Full	19.33	19.18	21.60	21.24	320.00	Pass
HE20	MCS0	2	229	7095	Full	19.08	19.08	21.12	21.60	320.00	Pass
HE40	MCS0	2	195	6925	Full	38.66	38.76	40.08	40.32	320.00	Pass
HE40	MCS0	2	211	7005	Full	38.36	38.46	40.20	39.84	320.00	Pass
HE40	MCS0	2	227	7085	Full	38.26	38.26	40.20	40.32	320.00	Pass
HE80	MCS0	2	199	6945	Full	77.32	77.32	83.04	82.80	320.00	Pass
HE80	MCS0	2	215	7025	Full	77.20	77.32	83.04	88.56	320.00	Pass
HE160	MCS0	2	207	6985	Full	156.80	156.56	166.08	166.08	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	189	6895	Full	-1.00	-1.50	1.77	5.10		6.87	24.00	Pass
HE20	MCS0	2	189	6895	26/0	-9.40	-9.40	-6.39	5.10		-1.29	24.00	Pass
HE20	MCS0	2	189	6895	52/37	-6.40	-6.60	-3.49	5.10		1.61	24.00	Pass
HE20	MCS0	2	189	6895	106/53	-3.70	-4.00	-0.84	5.10		4.26	24.00	Pass
HE20	MCS0	2	209	6995	Full	-2.10	-0.80	1.61	5.10		6.71	24.00	Pass
HE20	MCS0	2	209	6995	26/4	-9.30	-8.10	-5.65	5.10		-0.55	24.00	Pass
HE20	MCS0	2	209	6995	52/38	-6.90	-6.20	-3.53	5.10		1.57	24.00	Pass
HE20	MCS0	2	209	6995	106/53	-4.10	-2.90	-0.45	5.10		4.65	24.00	Pass
HE20	MCS0	2	229	7095	Full	-1.30	-1.50	1.61	5.10		6.71	24.00	Pass
HE20	MCS0	2	229	7095	26/8	-10.00	-9.90	-6.94	5.10		-1.84	24.00	Pass
HE20	MCS0	2	229	7095	52/40	-7.10	-7.20	-4.14	5.10		0.96	24.00	Pass
HE20	MCS0	2	229	7095	106/54	-3.80	-3.90	-0.84	5.10		4.26	24.00	Pass
HE40	MCS0	2	195	6925	Full	1.50	1.20	4.36	5.10		9.46	24.00	Pass
HE40	MCS0	2	211	7005	Full	1.20	1.70	4.47	5.10		9.57	24.00	Pass
HE40	MCS0	2	227	7085	Full	1.40	1.40	4.41	5.10		9.51	24.00	Pass
HE80	MCS0	2	199	6945	Full	5.60	5.90	8.76	5.10		13.86	24.00	Pass
HE80	MCS0	2	215	7025	Full	4.90	5.00	7.96	5.10		13.06	24.00	Pass
HE160	MCS0	2	207	6985	Full	8.40	9.00	11.72	5.10		16.82	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

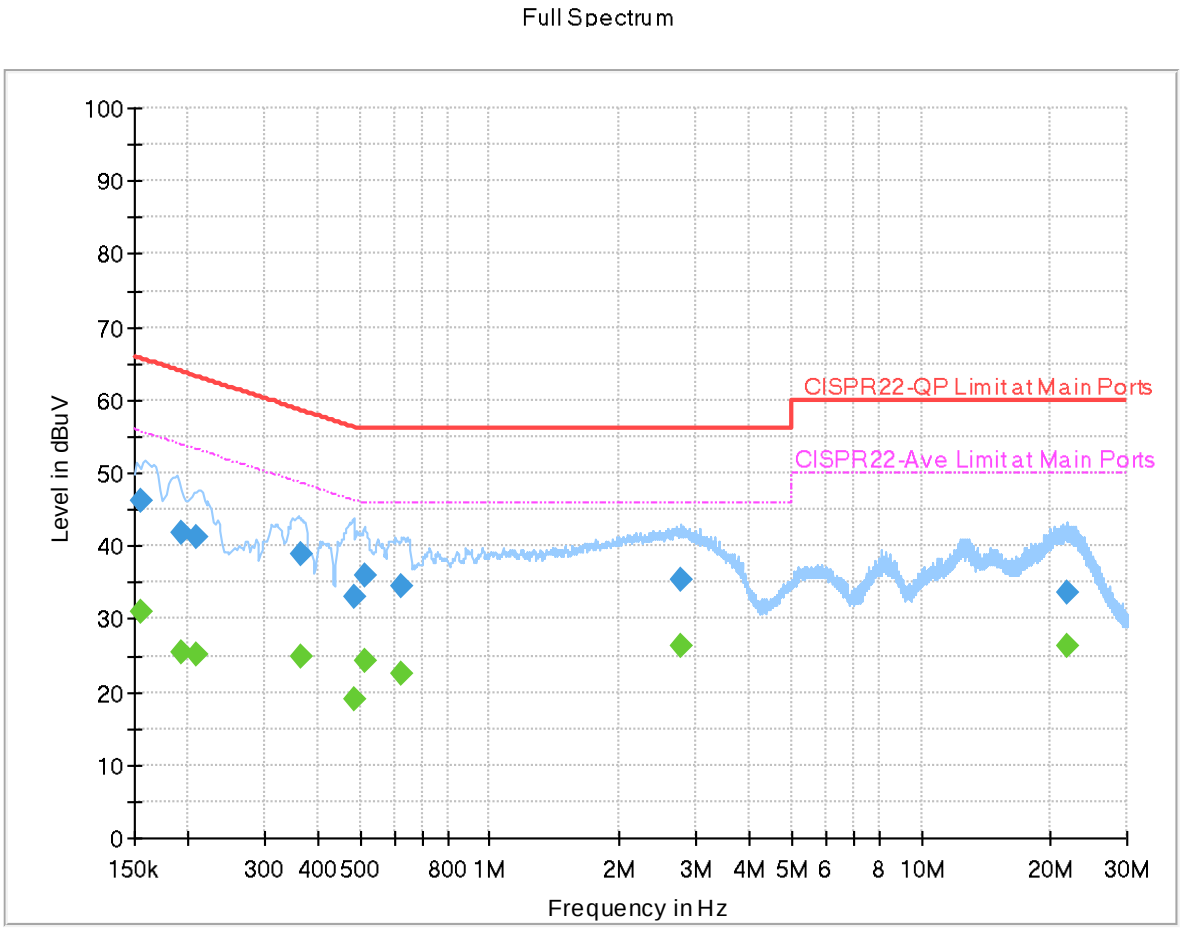
U-NII-8 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	SUM		
HE20	MCS0	2	189	6895	Full	0.00	0.00			-9.83	7.44		-2.39	-1.00	Pass
HE20	MCS0	2	189	6895	26/0	0.00	0.00			-9.47	7.44		-2.03	-1.00	Pass
HE20	MCS0	2	189	6895	52/37	0.00	0.00			-9.45	7.44		-2.02	-1.00	Pass
HE20	MCS0	2	189	6895	106/53	0.00	0.00			-9.86	7.44		-2.42	-1.00	Pass
HE20	MCS0	2	209	6995	Full	0.00	0.00			-9.87	7.44		-2.43	-1.00	Pass
HE20	MCS0	2	209	6995	26/4	0.00	0.00			-9.79	7.44		-2.35	-1.00	Pass
HE20	MCS0	2	209	6995	52/38	0.00	0.00			-9.68	7.44		-2.24	-1.00	Pass
HE20	MCS0	2	209	6995	106/53	0.00	0.00			-9.50	7.44		-2.06	-1.00	Pass
HE20	MCS0	2	229	7095	Full	0.00	0.00			-9.90	7.44		-2.46	-1.00	Pass
HE20	MCS0	2	229	7095	26/8	0.00	0.00			-9.59	7.44		-2.15	-1.00	Pass
HE20	MCS0	2	229	7095	52/40	0.00	0.00			-9.47	7.44		-2.03	-1.00	Pass
HE20	MCS0	2	229	7095	106/54	0.00	0.00			-9.55	7.44		-2.11	-1.00	Pass
HE40	MCS0	2	195	6925	Full	0.02	0.03			-10.33	7.44		-2.89	-1.00	Pass
HE40	MCS0	2	211	7005	Full	0.02	0.03			-9.45	7.44		-2.01	-1.00	Pass
HE40	MCS0	2	227	7085	Full	0.02	0.03			-10.16	7.44		-2.72	-1.00	Pass
HE80	MCS0	2	199	6945	Full	0.03	0.03			-9.52	7.44		-2.08	-1.00	Pass
HE80	MCS0	2	215	7025	Full	0.03	0.03			-9.73	7.44		-2.29	-1.00	Pass
HE160	MCS0	2	207	6985	Full	0.04	0.02			-9.45	7.44		-2.01	-1.00	Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.5~25.1℃
		Relative Humidity :	52.3~68.9%

EUT Information

Report NO :	261607-06
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

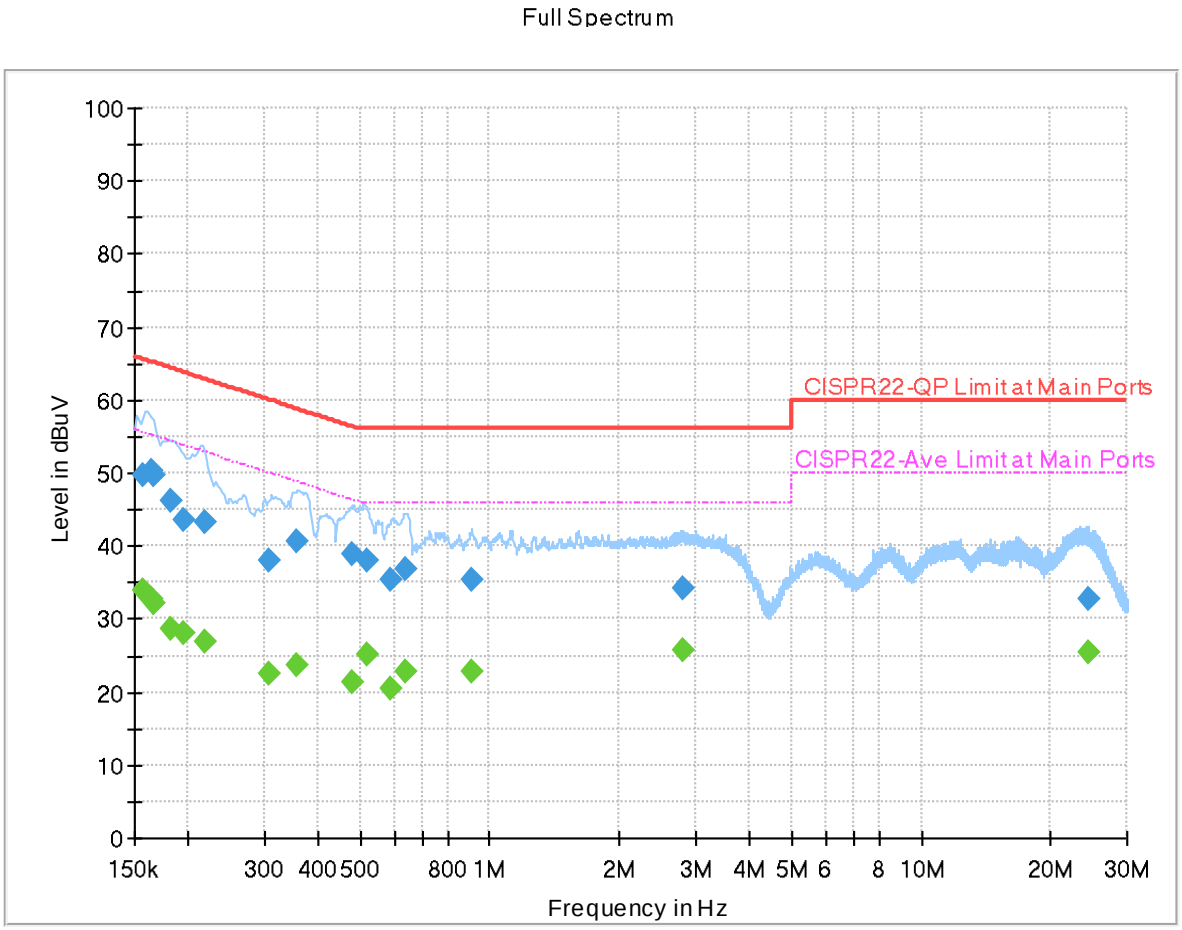


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	30.98	55.75	24.77	L1	OFF	19.9
0.154500	46.06	---	65.75	19.69	L1	OFF	19.9
0.192210	---	25.54	53.94	28.40	L1	OFF	19.9
0.192210	41.68	---	63.94	22.26	L1	OFF	19.9
0.208500	---	25.18	53.27	28.09	L1	OFF	20.0
0.208500	41.27	---	63.27	22.00	L1	OFF	20.0
0.363750	---	24.93	48.64	23.71	L1	OFF	20.0
0.363750	38.94	---	58.64	19.70	L1	OFF	20.0
0.487500	---	18.90	46.21	27.31	L1	OFF	20.0
0.487500	33.01	---	56.21	23.20	L1	OFF	20.0
0.513420	---	24.27	46.00	21.73	L1	OFF	20.0
0.513420	36.05	---	56.00	19.95	L1	OFF	20.0
0.620250	---	22.38	46.00	23.62	L1	OFF	20.0
0.620250	34.41	---	56.00	21.59	L1	OFF	20.0
2.769000	---	26.46	46.00	19.54	L1	OFF	20.0
2.769000	35.35	---	56.00	20.65	L1	OFF	20.0
21.891750	---	26.26	50.00	23.74	L1	OFF	20.2
21.891750	33.58	---	60.00	26.42	L1	OFF	20.2

EUT Information

Report NO :	261607-06
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	33.94	55.63	21.69	N	OFF	20.0
0.156750	49.70	---	65.63	15.93	N	OFF	20.0
0.163500	---	32.85	55.28	22.43	N	OFF	20.0
0.163500	50.36	---	65.28	14.92	N	OFF	20.0
0.165300	---	32.12	55.19	23.07	N	OFF	20.0
0.165300	49.81	---	65.19	15.38	N	OFF	20.0
0.181500	---	28.73	54.42	25.69	N	OFF	20.0
0.181500	46.27	---	64.42	18.15	N	OFF	20.0
0.194640	---	27.93	53.84	25.91	N	OFF	20.0
0.194640	43.67	---	63.84	20.17	N	OFF	20.0
0.219480	---	26.89	52.84	25.95	N	OFF	20.0
0.219480	43.29	---	62.84	19.55	N	OFF	20.0
0.308760	---	22.48	50.00	27.52	N	OFF	20.0
0.308760	38.06	---	60.00	21.94	N	OFF	20.0
0.354750	---	23.76	48.85	25.09	N	OFF	20.0
0.354750	40.68	---	58.85	18.17	N	OFF	20.0
0.478500	---	21.38	46.37	24.99	N	OFF	20.0
0.478500	38.94	---	56.37	17.43	N	OFF	20.0
0.517470	---	25.01	46.00	20.99	N	OFF	20.0

0.517470	38.15	---	56.00	17.85	N	OFF	20.0
0.590910	---	20.41	46.00	25.59	N	OFF	20.0
0.590910	35.36	---	56.00	20.64	N	OFF	20.0
0.640140	---	22.81	46.00	23.19	N	OFF	20.0
0.640140	36.72	---	56.00	19.28	N	OFF	20.0
0.904830	---	22.70	46.00	23.30	N	OFF	20.0
0.904830	35.35	---	56.00	20.65	N	OFF	20.0
2.798070	---	25.76	46.00	20.24	N	OFF	20.0
2.798070	34.32	---	56.00	21.68	N	OFF	20.0
24.357570	---	25.30	50.00	24.70	N	OFF	20.2
24.357570	32.65	---	60.00	27.35	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Yuan Lee, JC Liang and Troye Hsieh	**Temperature :**	17.9~25.9°C
		Relative Humidity :	51.1~67.1%

<Sample 1>

Band 5 - 5925~6425MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5901.72	52.99	-35.21	88.2	41.05	34.3	11.29	33.65	250	10	P	H
		5895.84	42.55	-25.65	68.2	30.62	34.28	11.3	33.65	250	10	A	H
	*	5955	99.48	-	-	87.6	34.29	11.25	33.66	250	10	P	H
	*	5955	90.02	-	-	78.14	34.29	11.25	33.66	250	10	A	H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01													H
5955MHz													H
		5892.9	52.68	-35.52	88.2	40.76	34.27	11.3	33.65	400	56	P	V
		5895	42.5	-25.7	68.2	30.57	34.28	11.3	33.65	400	56	A	V
	*	5955	92.82	-	-	80.94	34.29	11.25	33.66	400	56	P	V
	*	5955	83.86	-	-	71.98	34.29	11.25	33.66	400	56	A	V
													V
													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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		7940	52.56	-35.64	88.2	57.88	36.9	16.29	58.51	179	42	P	H
		11910	46.83	-27.17	74	51.64	38.82	18.77	62.4	-	-	P	H
		17865	49.48	-24.52	74	40.9	41.38	23.54	56.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		7940	49.55	-38.65	88.2	54.87	36.9	16.29	58.51	393	258	P	V
5955MHz		11910	47.96	-26.04	74	52.77	38.82	18.77	62.4	-	-	P	V
		17865	49.65	-24.35	74	41.07	41.38	23.54	56.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		8260	50.33	-23.67	74	55.09	37.02	16.55	58.33	239	56	P	H
		8260	41.63	-12.37	54	46.39	37.02	16.55	58.33	239	56	A	H
		12390	46.74	-27.26	74	51.68	39	19.27	63.21	-	-	P	H
		18585	35.3	-38.7	74	56.43	37.93	-3.51	55.55	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		8260	49.93	-24.07	74	54.69	37.02	16.55	58.33	330	249	P	V
6195MHz		8260	41.93	-12.07	54	46.69	37.02	16.55	58.33	330	249	A	V
		12390	46.43	-27.57	74	51.37	39	19.27	63.21	-	-	P	V
		18585	35.88	-38.12	74	57.01	37.93	-3.51	55.55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12830	47.6	-40.6	88.2	50.93	39.66	19.8	62.79	-	-	P	H
		19245	34.81	-39.19	74	55.15	38.2	-3.34	55.2	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	47.64	-40.56	88.2	50.97	39.66	19.8	62.79	-	-	P	V
6415MHz		19245	35.06	-38.94	74	55.4	38.2	-3.34	55.2	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 01 5955MHz		5915.44	53.23	-34.97	88.2	41.3	34.3	11.28	33.65	250	19	P	H
		5825.98	42.33	-25.87	68.2	30.53	34.1	11.35	33.65	250	19	A	H
	*	5955	96.14	-	-	84.26	34.29	11.25	33.66	250	19	P	H
	*	5955	88.32	-	-	76.44	34.29	11.25	33.66	250	19	A	H
													H
													H
		5911.52	52.32	-35.88	88.2	40.38	34.3	11.29	33.65	200	123	P	V
		5826.26	42.34	-25.86	68.2	30.54	34.1	11.35	33.65	200	123	A	V
	*	5955	89.48	-	-	77.6	34.29	11.25	33.66	200	123	P	V
	*	5955	82.57	-	-	70.69	34.29	11.25	33.66	200	123	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 Partial 26 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 01 5955MHz		11910	47.13	-26.87	74	51.94	38.82	18.77	62.4	-	-	P	H
		17865	49.37	-24.63	74	40.79	41.38	23.54	56.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11910	47.1	-26.9	74	51.91	38.82	18.77	62.4	-	-	P	V
		17865	49.85	-24.15	74	41.27	41.38	23.54	56.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5839.14	52.92	-35.28	88.2	41.13	34.1	11.34	33.65	247	17	P	H
		5825	42.37	-25.83	68.2	30.57	34.1	11.35	33.65	247	17	A	H
	*	5955	98.14	-	-	86.26	34.29	11.25	33.66	247	17	P	H
802.11ax	*	5955	89.31	-	-	77.43	34.29	11.25	33.66	247	17	A	H
HE20													H
Partial													H
52/37		5847.4	53.15	-35.05	88.2	41.37	34.1	11.33	33.65	199	124	P	V
CH 01		5828.36	42.34	-25.86	68.2	30.54	34.1	11.35	33.65	199	124	A	V
5955MHz	*	5955	92.74	-	-	80.86	34.29	11.25	33.66	199	124	P	V
	*	5955	82.92	-	-	71.04	34.29	11.25	33.66	199	124	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 Partial 106 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5915.44	52.86	-35.34	88.2	40.93	34.3	11.28	33.65	269	13	P	H
		5825.28	42.34	-25.86	68.2	30.54	34.1	11.35	33.65	269	13	A	H
	*	5955	97.46	-	-	85.58	34.29	11.25	33.66	269	13	P	H
802.11ax	*	5955	89.34	-	-	77.46	34.29	11.25	33.66	269	13	A	H
HE20													H
Partial													H
106/53		5916.42	53.33	-34.87	88.2	41.4	34.3	11.28	33.65	198	124	P	V
CH 01		5825.84	42.33	-25.87	68.2	30.53	34.1	11.35	33.65	198	124	A	V
5955MHz	*	5955	91.58	-	-	79.7	34.29	11.25	33.66	198	124	P	V
	*	5955	82.82	-	-	70.94	34.29	11.25	33.66	198	124	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 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5826.45	52.66	-35.54	88.2	40.86	34.1	11.35	33.65	250	12	P	H
		5880.68	42.5	-25.7	68.2	30.62	34.22	11.31	33.65	250	12	A	H
	*	5965	98.86	-	-	87	34.27	11.25	33.66	250	12	P	H
	*	5965	89.6	-	-	77.74	34.27	11.25	33.66	250	12	A	H
802.11ax													H
HE40 Full													H
CH 03		5909.1	52.81	-35.39	88.2	40.87	34.3	11.29	33.65	400	65	P	V
5965MHz		5830.51	42.37	-25.83	68.2	30.57	34.1	11.35	33.65	400	65	A	V
	*	5965	93.51	-	-	81.65	34.27	11.25	33.66	400	65	P	V
	*	5965	84.56	-	-	72.7	34.27	11.25	33.66	400	65	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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		7953	54.39	-33.81	88.2	59.7	36.91	16.28	58.5	281	60	P	H
		7953	51.04	-17.16	68.2	56.35	36.91	16.28	58.5	281	60	A	H
		11930	47.19	-26.81	74	51.99	38.86	18.78	62.44	-	-	P	H
		17895	49.54	-24.46	74	40.53	41.74	23.55	56.28	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		7953	54.28	-33.92	88.2	59.59	36.91	16.28	58.5	348	195	P	V
5965MHz		7953	47.43	-20.77	68.2	52.74	36.91	16.28	58.5	348	195	A	V
		11930	46.59	-27.41	74	51.39	38.86	18.78	62.44	-	-	P	V
		17895	48.39	-25.61	74	39.38	41.74	23.55	56.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12410	46.33	-27.67	74	51.28	39	19.29	63.24	-	-	P	H
		18615	35.54	-38.46	74	56.66	37.91	-3.5	55.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	46.62	-27.38	74	51.57	39	19.29	63.24	-	-	P	V
6205MHz		18615	34.88	-39.12	74	56	37.91	-3.5	55.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12810	46.97	-41.23	88.2	50.4	39.62	19.78	62.83	-	-	P	H
		19215	35.08	-38.92	74	55.44	38.2	-3.35	55.21	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	46.68	-41.52	88.2	50.11	39.62	19.78	62.83	-	-	P	V
6405MHz		19215	34.71	-39.29	74	55.07	38.2	-3.35	55.21	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5889.8	53.36	-34.84	88.2	41.45	34.26	11.3	33.65	255	14	P	H
		5907.62	42.72	-25.48	68.2	30.78	34.3	11.29	33.65	255	14	A	H
	*	5985	100.25	-	-	88.45	34.23	11.23	33.66	255	14	P	H
	*	5985	89.95	-	-	78.15	34.23	11.23	33.66	255	14	A	H
802.11ax													H
HE80 Full													H
CH 07		5869.46	53	-35.2	88.2	41.15	34.18	11.32	33.65	399	64	P	V
5985MHz		5825	42.41	-25.79	68.2	30.61	34.1	11.35	33.65	399	64	A	V
	*	5985	96.96	-	-	85.16	34.23	11.23	33.66	399	64	P	V
	*	5985	85.61	-	-	73.81	34.23	11.23	33.66	399	64	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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		7980	56.9	-31.3	88.2	62.16	36.96	16.27	58.49	223	47	P	H
		11970	46.52	-27.48	74	51.3	38.94	18.79	62.51	-	-	P	H
		17955	49.54	-24.46	74	40	42.13	23.58	56.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		7980	57.65	-30.55	88.2	62.91	36.96	16.27	58.49	376	257	P	V
5985MHz		11970	46.67	-27.33	74	51.45	38.94	18.79	62.51	-	-	P	V
		17955	49.92	-24.08	74	40.38	42.13	23.58	56.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12450	46.76	-27.24	74	51.72	39	19.35	63.31	-	-	P	H
		18675	35.35	-38.65	74	56.47	37.86	-3.49	55.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	46.07	-27.93	74	51.03	39	19.35	63.31	-	-	P	V
6225MHz		18675	35.97	-38.03	74	57.09	37.86	-3.49	55.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12770	48.16	-40.04	88.2	51.78	39.54	19.74	62.9	-	-	P	H
		19155	35.22	-38.78	74	55.64	38.2	-3.38	55.24	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12770	46.89	-41.31	88.2	50.51	39.54	19.74	62.9	-	-	P	V
6385MHz		19155	35.31	-38.69	74	55.73	38.2	-3.38	55.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5832.56	53.28	-34.92	88.2	41.48	34.1	11.35	33.65	254	14	P	H
		5896.12	43.17	-25.03	68.2	31.24	34.28	11.3	33.65	254	14	A	H
	*	6025	98.62	-	-	86.83	34.2	11.27	33.68	254	14	P	H
	*	6025	88.85	-	-	77.06	34.2	11.27	33.68	254	14	A	H
802.11ax													H
HE160 Full													H
CH 15		5913.2	53.09	-35.11	88.2	41.15	34.3	11.29	33.65	396	62	P	V
6025MHz		5900.6	42.69	-25.51	68.2	30.75	34.3	11.29	33.65	396	62	A	V
	*	6025	92.49	-	-	80.7	34.2	11.27	33.68	396	62	P	V
	*	6025	84.11	-	-	72.32	34.2	11.27	33.68	396	62	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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		8031	50.5	-23.5	74	55.67	37	16.29	58.46	240	50	P	H
		8031	41.16	-12.84	54	46.33	37	16.29	58.46	240	50	A	H
		12050	45.87	-28.13	74	50.61	39.05	18.86	62.65	-	-	P	H
		18075	34.65	-39.35	74	56.63	37.59	-3.72	55.85	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 15		8031	51.03	-22.97	74	56.2	37	16.29	58.46	330	250	P	V
6025MHz		8031	43.05	-10.95	54	48.22	37	16.29	58.46	330	250	A	V
		12050	45.62	-28.38	74	50.36	39.05	18.86	62.65	-	-	P	V
		18075	35.71	-38.29	74	57.69	37.59	-3.72	55.85	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12370	46.62	-27.38	74	51.55	39	19.25	63.18	-	-	P	H
		18555	35	-39	74	56.12	37.96	-3.51	55.57	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 47		12370	47.99	-26.01	74	52.92	39	19.25	63.18	-	-	P	V
6185MHz		18555	34.74	-39.26	74	55.86	37.96	-3.51	55.57	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12690	47.44	-26.56	74	51.47	39.38	19.63	63.04	-	-	P	H
		19035	35.72	-38.28	74	56.24	38.2	-3.43	55.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 79		12690	47.1	-26.9	74	51.13	39.38	19.63	63.04	-	-	P	V
6345MHz		19035	34.69	-39.31	74	55.21	38.2	-3.43	55.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 6 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12870	48.31	-39.89	88.2	51.44	39.74	19.85	62.72	-	-	P	H
		19305	34.66	-39.34	74	54.98	38.18	-3.32	55.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 97		12870	48.46	-39.74	88.2	51.59	39.74	19.85	62.72	-	-	P	V
6435MHz		19305	34.98	-39.02	74	55.3	38.18	-3.32	55.18	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12950	47.64	-40.56	88.2	50.41	39.85	19.95	62.57	-	-	P	H
		19425	34.27	-39.73	74	54.54	38.13	-3.27	55.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 105		12950	47.91	-40.29	88.2	50.68	39.85	19.95	62.57	-	-	P	V
6475MHz		19425	34.41	-39.59	74	54.68	38.13	-3.27	55.13	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13030	47.84	-40.36	88.2	50.47	39.84	20.03	62.5	-	-	P	H
		19545	34.25	-39.75	74	54.53	38.05	-3.25	55.08	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 113		13030	47.39	-40.81	88.2	50.02	39.84	20.03	62.5	-	-	P	V
6515MHz		19545	34.82	-39.18	74	55.1	38.05	-3.25	55.08	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12890	48.47	-39.73	88.2	51.5	39.78	19.87	62.68	-	-	P	H
		19355	35.22	-38.78	74	55.52	38.16	-3.3	55.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 99		12890	47.95	-40.25	88.2	50.98	39.78	19.87	62.68	-	-	P	V
6445MHz		19355	34.3	-39.7	74	54.6	38.16	-3.3	55.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12970	47.73	-40.47	88.2	50.41	39.87	19.98	62.53	-	-	P	H
		19455	34.11	-39.89	74	54.37	38.12	-3.26	55.12	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 107		12970	48.54	-39.66	88.2	51.22	39.87	19.98	62.53	-	-	P	V
6485MHz		19455	34.29	-39.71	74	54.55	38.12	-3.26	55.12	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13050	48.71	-39.49	88.2	51.36	39.8	20.06	62.51	-	-	P	H
		19575	36.42	-37.58	74	56.74	38.01	-3.26	55.07	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 115		13050	47.57	-40.63	88.2	50.22	39.8	20.06	62.51	-	-	P	V
6525MHz		19575	35.53	-38.47	74	55.85	38.01	-3.26	55.07	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12930	47.59	-40.61	88.2	50.44	39.83	19.93	62.61	-	-	P	H
		19395	34.78	-39.22	74	55.06	38.14	-3.28	55.14	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 103		12930	49.06	-39.14	88.2	51.91	39.83	19.93	62.61	-	-	P	V
6465MHz		19395	35.1	-38.9	74	55.38	38.14	-3.28	55.14	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13090	48.47	-39.73	88.2	51.2	39.72	20.09	62.54	-	-	P	H
		19635	36.27	-37.73	74	56.65	37.94	-3.27	55.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 119		13090	47.5	-40.7	88.2	50.23	39.72	20.09	62.54	-	-	P	V
6545MHz		19635	34.95	-39.05	74	55.33	37.94	-3.27	55.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 6 6425~6525MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13010	48.9	-39.3	88.2	51.49	39.88	20.02	62.49	-	-	P	H
		19515	36.53	-37.47	74	56.78	38.08	-3.24	55.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 111		13010	48.42	-39.78	88.2	51.01	39.88	20.02	62.49	-	-	P	V
6505MHz		19515	35.8	-38.2	74	56.05	38.08	-3.24	55.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13070	48.4	-39.8	88.2	51.09	39.76	20.07	62.52	-	-	P	H
		19605	35.97	-38.03	74	56.33	37.97	-3.27	55.06	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	48.49	-39.71	88.2	51.18	39.76	20.07	62.52	-	-	P	V
6535MHz		19605	35.57	-38.43	74	55.93	37.97	-3.27	55.06	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13390	47.97	-26.03	74	50.27	40.07	20.35	62.72	-	-	P	H
		20085	35.15	-38.85	74	55.36	38.04	-3.35	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	47.99	-26.01	74	50.29	40.07	20.35	62.72	-	-	P	V
6695MHz		20085	36.44	-37.56	74	56.65	38.04	-3.35	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		8226	50.72	-23.28	74	55.53	37	16.54	58.35	170	35	P	H
		8226	43.79	-10.21	54	48.6	37	16.54	58.35	170	35	A	H
		13710	47.66	-40.54	88.2	49.69	40.29	20.64	62.96	-	-	P	H
		20565	35.91	-38.09	74	55.61	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		8226	50.66	-23.34	74	55.47	37	16.54	58.35	185	234	P	V
6855MHz		8226	43.01	-10.99	54	47.82	37	16.54	58.35	185	234	A	V
		13710	48.17	-40.03	88.2	50.2	40.29	20.64	62.96	-	-	P	V
		20565	36	-38	74	55.7	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13750	48.49	-39.71	88.2	50.57	40.25	20.67	63	-	-	P	H
		20625	35.63	-38.37	74	55.26	38.5	-3.25	54.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 185		13750	48.15	-40.05	88.2	50.23	40.25	20.67	63	-	-	P	V
6875MHz		20625	36.26	-37.74	74	55.89	38.5	-3.25	54.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13130	49.24	-38.96	88.2	51.98	39.7	20.12	62.56	-	-	P	H
		19695	36.68	-37.32	74	57.12	37.87	-3.29	55.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	47.77	-40.43	88.2	50.51	39.7	20.12	62.56	-	-	P	V
6565MHz		19695	36.68	-37.32	74	57.12	37.87	-3.29	55.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13370	47.92	-26.08	74	50.28	40.01	20.34	62.71	-	-	P	H
		20055	35.9	-38.1	74	56.16	37.99	-3.35	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	47.7	-26.3	74	50.06	40.01	20.34	62.71	-	-	P	V
6685MHz		20055	36.19	-37.81	74	56.45	37.99	-3.35	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13690	48.52	-39.68	88.2	50.55	40.31	20.61	62.95	-	-	P	H
		20535	37.17	-36.83	74	56.9	38.43	-3.27	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 179		13690	49.36	-38.84	88.2	51.39	40.31	20.61	62.95	-	-	P	V
6845MHz		20535	36.83	-37.17	74	56.56	38.43	-3.27	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13770	47.72	-40.48	88.2	49.81	40.23	20.69	63.01	-	-	P	H
		20655	37.41	-36.59	74	57	38.52	-3.24	54.87	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 187		13770	47.62	-40.58	88.2	49.71	40.23	20.69	63.01	-	-	P	V
6885MHz		20655	35.92	-38.08	74	55.51	38.52	-3.24	54.87	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13250	47.97	-26.03	74	50.63	39.75	20.23	62.64	-	-	P	H
		19875	35.08	-38.92	74	55.51	37.85	-3.33	54.95	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	47.9	-26.1	74	50.56	39.75	20.23	62.64	-	-	P	V
6625MHz		19875	35.99	-38.01	74	56.42	37.85	-3.33	54.95	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13410	47.09	-41.11	88.2	49.34	40.11	20.37	62.73	-	-	P	H
		20115	36.89	-37.11	74	57.05	38.08	-3.34	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	48.33	-39.87	88.2	50.58	40.11	20.37	62.73	-	-	P	V
6705MHz		20115	37.36	-36.64	74	57.52	38.08	-3.34	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10528	53.2	-35	88.2	56.7	38.96	18.12	60.58	100	186	P	H
		10528	38.18	-30.02	68.2	41.68	38.96	18.12	60.58	100	186	A	H
		13570	50.55	-37.65	88.2	52.54	40.34	20.52	62.85	-	-	P	H
		20355	36.79	-37.21	74	56.65	38.34	-3.3	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 167		13570	52.35	-35.85	88.2	54.34	40.34	20.52	62.85	208	13	P	V
6785MHz		13570	40.85	-27.35	68.2	42.84	40.34	20.52	62.85	208	13	A	V
		20355	36.56	-37.44	74	56.42	38.34	-3.3	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13730	48.65	-39.55	88.2	50.71	40.27	20.65	62.98	-	-	P	H
		20595	36.02	-37.98	74	55.68	38.48	-3.26	54.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 183		13730	49.11	-39.09	88.2	51.17	40.27	20.65	62.98	-	-	P	V
6865MHz		20595	36.95	-37.05	74	56.61	38.48	-3.26	54.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13330	47.94	-26.06	74	50.43	39.89	20.3	62.68	-	-	P	H
		19995	37.62	-36.38	74	57.98	37.9	-3.36	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 143		13330	47.85	-26.15	74	50.34	39.89	20.3	62.68	-	-	P	V
6665MHz		19995	35.97	-38.03	74	56.33	37.9	-3.36	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13650	48.41	-39.79	88.2	50.39	40.35	20.58	62.91	-	-	P	H
		20475	38.09	-35.91	74	57.88	38.39	-3.28	54.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 175		13650	48.46	-39.74	88.2	50.44	40.35	20.58	62.91	-	-	P	V
6825MHz		20475	39.16	-34.84	74	58.95	38.39	-3.28	54.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7095	98.1	-	-	83.18	36.27	13.09	34.44	150	355	P	H
	*	7095	89.82	-	-	74.9	36.27	13.09	34.44	150	355	A	H
		7132.52	55.46	-32.74	88.2	40.44	36.43	13.05	34.46	150	355	P	H
		7144.68	45.65	-22.55	68.2	30.59	36.48	13.04	34.46	150	355	A	H
802.11ax													H
HE20 Full													H
CH 229	*	7095	91.03	-	-	76.11	36.27	13.09	34.44	365	85	P	V
7095MHz	*	7095	84.15	-	-	69.23	36.27	13.09	34.44	365	85	A	V
		7135.4	56.47	-31.73	88.2	41.44	36.44	13.05	34.46	365	85	P	V
		7144.68	45.64	-22.56	68.2	30.58	36.48	13.04	34.46	365	85	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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13790	49.99	-38.21	88.2	52.1	40.21	20.71	63.03	-	-	P	H
		20685	36.41	-37.59	74	55.95	38.55	-3.23	54.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 189		13790	47.42	-40.78	88.2	49.53	40.21	20.71	63.03	-	-	P	V
6895MHz		20685	35.56	-38.44	74	55.1	38.55	-3.23	54.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13990	47.49	-40.71	88.2	49.31	40.49	20.88	63.19	-	-	P	H
		20985	36.39	-37.61	74	55.83	38.51	-3.15	54.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 209		13990	48.21	-39.99	88.2	50.03	40.49	20.88	63.19	-	-	P	V
6995MHz		20985	37.19	-36.81	74	56.63	38.51	-3.15	54.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14190	48.99	-39.21	88.2	50.16	40.69	21.06	62.92	-	-	P	H
		21285	36.01	-37.99	74	55.21	38.74	-3.14	54.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 229		14190	48.61	-39.59	88.2	49.78	40.69	21.06	62.92	-	-	P	V
7095MHz		21285	36.45	-37.55	74	55.65	38.74	-3.14	54.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/8 CH 229 7095MHz	*	7095	94.6	6.4	88.2	79.68	36.27	13.09	34.44	165	360	P	H
	*	7095	87.9	19.7	68.2	72.98	36.27	13.09	34.44	165	360	A	H
		7141.32	55.81	-32.39	88.2	40.76	36.47	13.04	34.46	165	360	P	H
		7143.08	45.64	-22.56	68.2	30.59	36.47	13.04	34.46	165	360	A	H
													H
													H
	*	7095	88.89	0.69	88.2	73.97	36.27	13.09	34.44	400	65	P	V
	*	7095	82.58	14.38	68.2	67.66	36.27	13.09	34.44	400	65	A	V
		7127.24	55.61	-32.59	88.2	40.6	36.41	13.06	34.46	400	65	P	V
		7144.68	45.6	-22.6	68.2	30.54	36.48	13.04	34.46	400	65	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 Partial 26 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/8 CH 229 7095MHz		14190	48.94	-39.26	88.2	50.11	40.69	21.06	62.92	-	-	P	H
		21285	37.33	-36.67	74	56.53	38.74	-3.14	54.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		14190	48.37	-39.83	88.2	49.54	40.69	21.06	62.92	-	-	P	V
		21285	37.17	-36.83	74	56.37	38.74	-3.14	54.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7095	95.65	-	-	80.73	36.27	13.09	34.44	174	343	P	H
	*	7095	88.43	-	-	73.51	36.27	13.09	34.44	174	343	A	H
		7140.52	55.42	-32.78	88.2	40.38	36.46	13.04	34.46	174	343	P	H
802.11ax		7145	45.62	-22.58	68.2	30.56	36.48	13.04	34.46	174	343	A	H
HE20													H
Partial													H
52/40	*	7095	90.9	-	-	75.98	36.27	13.09	34.44	362	69	P	V
CH 229	*	7095	84.35	-	-	69.43	36.27	13.09	34.44	362	69	A	V
7095MHz		7132.84	57.04	-31.16	88.2	42.02	36.43	13.05	34.46	362	69	P	V
		7143.08	45.59	-22.61	68.2	30.54	36.47	13.04	34.46	362	69	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 Partial 106 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7095	97.5	-	-	82.58	36.27	13.09	34.44	148	355	P	H
	*	7095	90.38	-	-	75.46	36.27	13.09	34.44	148	355	A	H
		7128.68	56.3	-31.9	88.2	41.3	36.41	13.05	34.46	148	355	P	H
802.11ax		7143.88	45.59	-22.61	68.2	30.53	36.48	13.04	34.46	148	355	A	H
HE20													H
Partial													H
106/54	*	7095	91.48	-	-	76.56	36.27	13.09	34.44	364	68	P	V
CH 229	*	7095	84.87	-	-	69.95	36.27	13.09	34.44	364	68	A	V
7095MHz		7134.28	55.8	-32.4	88.2	40.77	36.44	13.05	34.46	364	68	P	V
		7144.68	45.58	-22.62	68.2	30.52	36.48	13.04	34.46	364	68	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 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	7085	97.91	-	-	83.04	36.21	13.1	34.44	147	360	P	H
	*	7085	89.09	-	-	74.22	36.21	13.1	34.44	147	360	A	H
		7128.04	55.48	-32.72	88.2	40.47	36.41	13.06	34.46	147	360	P	H
		7144.84	45.64	-22.56	68.2	30.58	36.48	13.04	34.46	147	360	A	H
802.11ax													H
HE40 Full													H
CH 227	*	7085	91.36	-	-	76.56	36.12	13.12	34.44	350	69	P	V
7085MHz	*	7085	84.43	-	-	69.58	36.19	13.1	34.44	350	69	A	V
		7142.12	55.26	-32.94	88.2	40.21	36.47	13.04	34.46	350	69	P	V
		7144.52	45.6	-22.6	68.2	30.54	36.48	13.04	34.46	350	69	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.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13850	47.67	-40.53	88.2	49.69	40.3	20.76	63.08	-	-	P	H
		20775	35.89	-38.11	74	55.36	38.59	-3.21	54.85	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 195		13850	47.69	-40.51	88.2	49.71	40.3	20.76	63.08	-	-	P	V
6925MHz		20775	36.09	-37.91	74	55.56	38.59	-3.21	54.85	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14010	48.32	-39.88	88.2	50.1	40.51	20.9	63.19	-	-	P	H
		21015	37.24	-36.76	74	56.68	38.51	-3.15	54.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 211		14010	47.96	-40.24	88.2	49.74	40.51	20.9	63.19	-	-	P	V
7005MHz		21015	38.21	-35.79	74	57.65	38.51	-3.15	54.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		14170	49.06	-39.14	88.2	50.3	40.67	21.04	62.95	-	-	P	H
		21255	37.03	-36.97	74	56.26	38.71	-3.14	54.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 227		14170	49	-39.2	88.2	50.24	40.67	21.04	62.95	-	-	P	V
7085MHz		21255	37.67	-36.33	74	56.9	38.71	-3.14	54.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13890	48.71	-39.49	88.2	50.65	40.38	20.79	63.11	-	-	P	H
		20835	36.05	-37.95	74	55.5	38.57	-3.19	54.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 199		13890	49.3	-38.9	88.2	51.24	40.38	20.79	63.11	-	-	P	V
6945MHz		20835	36.64	-37.36	74	56.09	38.57	-3.19	54.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	98.14	-	-	83.6	35.8	13.14	34.4	148	350	P	H
	*	6985	88.83	-	-	74.29	35.8	13.14	34.4	148	350	A	H
		7137.96	55.28	-32.92	88.2	40.24	36.45	13.05	34.46	148	350	P	H
		7130.12	45.69	-22.51	68.2	30.68	36.42	13.05	34.46	148	350	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	94.16	-	-	79.62	35.8	13.14	34.4	350	68	P	V
6985MHz	*	6985	84.36	-	-	69.82	35.8	13.14	34.4	350	68	A	V
		7142.76	55.24	-32.96	88.2	40.19	36.47	13.04	34.46	350	68	P	V
		7143.24	45.63	-22.57	68.2	30.58	36.47	13.04	34.46	350	68	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 HE160 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13970	48.74	-39.46	88.2	50.58	40.47	20.87	63.18	-	-	P	H
		20955	37.1	-36.9	74	56.55	38.52	-3.16	54.81	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 207		13970	48.36	-39.84	88.2	50.2	40.47	20.87	63.18	-	-	P	V
6985MHz		20955	36.86	-37.14	74	56.31	38.52	-3.16	54.81	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		38.37	30.24	-9.76	40	41.38	20.03	1.04	32.21	-	-	P	H
		159.33	32.24	-11.26	43.5	46.04	16.26	2.03	32.09	-	-	P	H
		211.98	36.07	-7.43	43.5	51.14	14.75	2.25	32.07	-	-	P	H
		630.4	39.08	-6.92	46	41.23	26.04	3.84	32.03	-	-	P	H
		953.8	33.07	-12.93	46	28.8	30.36	4.67	30.76	-	-	P	H
		981.8	34.35	-19.65	54	29.8	30.28	4.75	30.48	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.91	35.14	-4.86	40	46.5	19.79	1.06	32.21	100	166	Q	V
		213.33	32.21	-11.29	43.5	47.32	14.71	2.25	32.07	-	-	P	V
		217.11	31.52	-14.48	46	46.58	14.73	2.27	32.06	-	-	P	V
		629.7	38.68	-7.32	46	40.85	26.02	3.84	32.03	-	-	P	V
		948.2	32.98	-13.02	46	29.07	30.08	4.65	30.82	-	-	P	V
		967.8	34.05	-19.95	54	29.43	30.53	4.71	30.62	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<Sample 2>

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		8226	50.93	-23.07	74	55.74	37	16.54	58.35	171	42	P	H
		8226	43.66	-10.34	54	48.47	37	16.54	58.35	171	42	A	H
		13710	48.4	-39.8	88.2	50.43	40.29	20.64	62.96	-	-	P	H
		20565	37.06	-36.94	74	56.76	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		8226	51.23	-22.77	74	56.04	37	16.54	58.35	100	118	P	V
6855MHz		8226	43.68	-10.32	54	48.49	37	16.54	58.35	100	118	A	V
		13710	47.83	-40.37	88.2	49.86	40.29	20.64	62.96	-	-	P	V
		20565	37.82	-36.18	74	57.52	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	97.15	-	-	82.61	35.8	13.14	34.4	156	0	P	H
	*	6985	89.19	-	-	74.65	35.8	13.14	34.4	156	0	A	H
		7159.4	56.48	-31.72	88.2	41.37	36.56	13.02	34.47	156	0	P	H
		7191.4	45.8	-22.4	68.2	30.54	36.75	12.99	34.48	156	0	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	90.57	-	-	76.03	35.8	13.14	34.4	400	76	P	V
6985MHz	*	6985	83.44	-	-	68.9	35.8	13.14	34.4	400	76	A	V
		7178.92	56.74	-31.46	88.2	41.54	36.67	13	34.47	400	76	P	V
		7177.32	45.75	-22.45	68.2	30.56	36.66	13	34.47	400	76	A	V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		38.64	28.31	-11.69	40	39.56	19.91	1.05	32.21	-	-	P	H
		160.41	31.88	-11.62	43.5	45.79	16.15	2.03	32.09	-	-	P	H
		217.11	35.89	-10.11	46	50.95	14.73	2.27	32.06	-	-	P	H
		624.1	34.9	-11.1	46	37.31	25.83	3.81	32.05	-	-	P	H
		950.3	33.49	-12.51	46	29.44	30.19	4.66	30.8	-	-	P	H
		962.2	34.01	-19.99	54	29.36	30.63	4.7	30.68	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.37	36.87	-3.13	40	48.01	20.03	1.04	32.21	100	70	Q	V
		98.31	29.99	-13.51	43.5	44.92	15.65	1.55	32.13	-	-	P	V
		216.84	32.15	-13.85	46	47.23	14.71	2.27	32.06	-	-	P	V
		624.1	36.78	-9.22	46	39.19	25.83	3.81	32.05	-	-	P	V
		957.3	33.78	-12.22	46	29.29	30.54	4.68	30.73	-	-	P	V
		990.9	33.9	-20.1	54	29.43	30.08	4.77	30.38	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<Sample 3>

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		8226	52.38	-21.62	74	57.19	37	16.54	58.35	248	63	P	H
		8226	43.28	-10.72	54	48.09	37	16.54	58.35	248	63	A	H
		13710	48.02	-40.18	88.2	50.05	40.29	20.64	62.96	-	-	P	H
		20565	36.76	-37.24	74	56.46	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		8226	52.18	-21.82	74	56.99	37	16.54	58.35	341	253	P	V
6855MHz		8226	43.33	-10.67	54	48.14	37	16.54	58.35	341	253	A	V
		13710	47.13	-41.07	88.2	49.16	40.29	20.64	62.96	-	-	P	V
		20565	36.93	-37.07	74	56.63	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	97.34	-	-	82.8	35.8	13.14	34.4	172	0	P	H
	*	6985	88.29	-	-	73.75	35.8	13.14	34.4	172	0	A	H
		7132.52	56.41	-31.79	88.2	41.39	36.43	13.05	34.46	172	0	P	H
		7157.8	45.89	-22.31	68.2	30.79	36.55	13.02	34.47	172	0	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	90.2	-	-	75.66	35.8	13.14	34.4	374	74	P	V
6985MHz	*	6985	83.14	-	-	68.6	35.8	13.14	34.4	374	74	A	V
		7160.68	56	-32.2	88.2	40.89	36.56	13.02	34.47	374	74	P	V
		7199.4	45.87	-22.33	68.2	30.57	36.8	12.98	34.48	374	74	A	V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		38.91	27.94	-12.06	40	39.3	19.79	1.06	32.21	-	-	P	H
		160.14	32.38	-11.12	43.5	46.26	16.18	2.03	32.09	-	-	P	H
		216.03	38.27	-7.73	46	53.42	14.64	2.27	32.06	-	-	P	H
		903.4	32.6	-13.4	46	30.88	28.52	4.41	31.21	-	-	P	H
		945.4	33.39	-12.61	46	29.64	29.95	4.64	30.84	-	-	P	H
		953.1	34.45	-11.55	46	30.22	30.33	4.67	30.77	-	-	P	H
													H
													H
													H
													H
													H
													H
		39.18	35.76	-4.24	40	47.24	19.66	1.07	32.21	100	2	Q	V
		98.31	29.12	-14.38	43.5	44.05	15.65	1.55	32.13	-	-	P	V
		217.11	33.16	-12.84	46	48.22	14.73	2.27	32.06	-	-	P	V
		944	32.72	-13.28	46	29.06	29.88	4.63	30.85	-	-	P	V
		955.9	33.3	-12.7	46	28.9	30.46	4.68	30.74	-	-	P	V
		972	33.99	-20.01	54	29.26	30.58	4.73	30.58	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<Sample 4>

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		8226	52.18	-21.82	74	56.99	37	16.54	58.35	248	57	P	H
		8226	43.18	-10.82	54	47.99	37	16.54	58.35	248	57	A	H
		13710	48.3	-39.9	88.2	50.33	40.29	20.64	62.96	-	-	P	H
		20565	36.92	-37.08	74	56.62	38.45	-3.26	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		8226	52.48	-21.52	74	57.29	37	16.54	58.35	352	250	P	V
6855MHz		8226	43.58	-10.42	54	48.39	37	16.54	58.35	352	250	A	V
		13710	48.18	-40.02	88.2	50.21	40.29	20.64	62.96	-	-	P	V
		20565	36.91	-37.09	74	56.61	38.45	-3.26	54.89	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	6985	96.89	-	-	82.35	35.8	13.14	34.4	170	0	P	H
	*	6985	88.81	-	-	74.27	35.8	13.14	34.4	170	0	A	H
		7180.84	58.63	-29.57	88.2	43.42	36.69	13	34.48	170	0	P	H
		7185.32	45.88	-22.32	68.2	30.65	36.71	13	34.48	170	0	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	91.41	-	-	76.87	35.8	13.14	34.4	400	68	P	V
6985MHz	*	6985	83.65	-	-	69.11	35.8	13.14	34.4	400	68	A	V
		7129	56.74	-31.46	88.2	41.73	36.42	13.05	34.46	400	68	P	V
		7213.16	45.88	-22.32	68.2	30.56	36.85	12.96	34.49	400	68	A	V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		53.22	27.62	-12.38	40	46.01	12.65	1.21	32.25	-	-	P	H
		213.06	37.22	-6.28	43.5	52.32	14.72	2.25	32.07	100	280	Q	H
		226.56	37.73	-8.27	46	51.93	15.52	2.33	32.05	-	-	P	H
		943.3	32.81	-13.19	46	29.21	29.83	4.63	30.86	-	-	P	H
		959.4	33.34	-12.66	46	28.69	30.66	4.69	30.7	-	-	P	H
		972	34.35	-19.65	54	29.62	30.58	4.73	30.58	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.64	35.7	-4.3	40	46.95	19.91	1.05	32.21	100	113	Q	V
		65.1	32.85	-7.15	40	52.23	11.6	1.26	32.24	100	11	Q	V
		211.71	33.93	-9.57	43.5	48.99	14.76	2.25	32.07	-	-	P	V
		937.7	32.49	-13.51	46	29.28	29.53	4.59	30.91	-	-	P	V
		951	33.52	-12.48	46	29.42	30.23	4.66	30.79	-	-	P	V
		955.2	34.83	-11.17	46	30.48	30.42	4.68	30.75	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

Note symbol

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

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		8260	50.33	-23.67	74	55.09	37.02	16.55	58.33	239	56	P	H
CH 49 6195MHz		8260	41.63	-12.37	54	46.39	37.02	16.55	58.33	239	56	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. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5925MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -32.75(dB)

For Average Limit @ 5925MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -24.66(dB)

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

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Yuan Lee, JC Liang and Troye Hsieh	**Temperature :**	17.9~25.9°C
		Relative Humidity :	51.1~67.1%

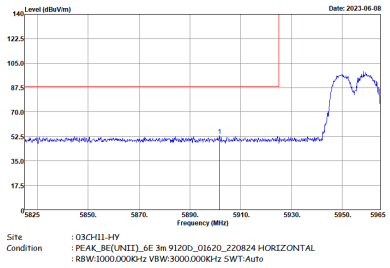
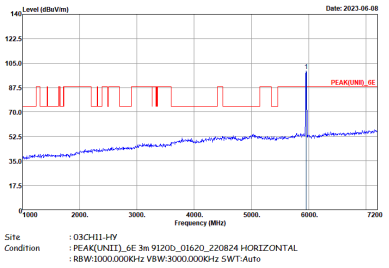
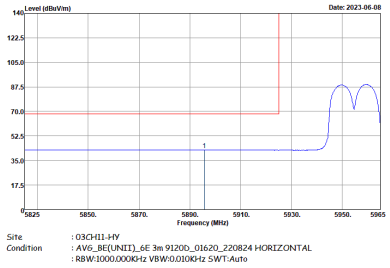
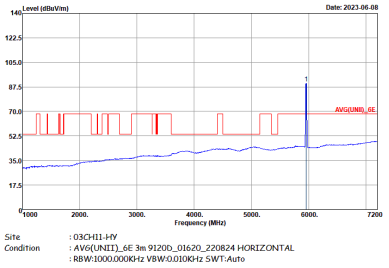
Note symbol

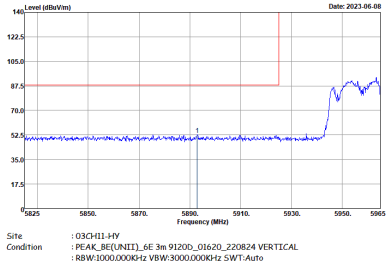
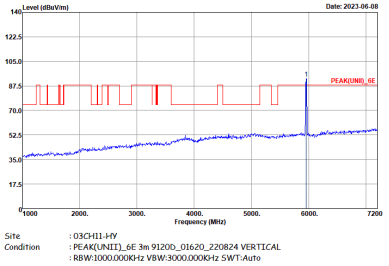
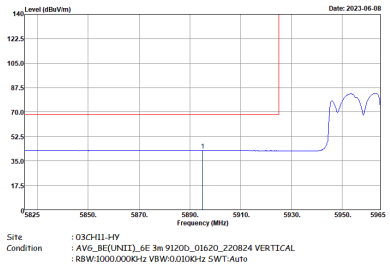
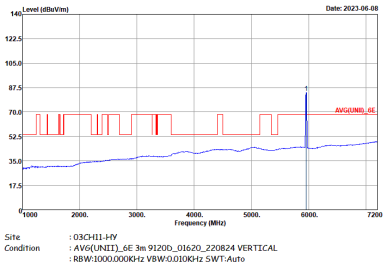
-L	**Low channel location**
-R	**High channel location**

<Sample 1>

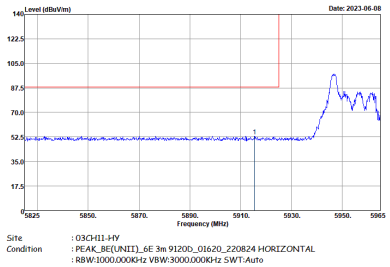
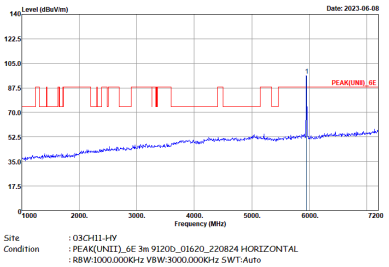
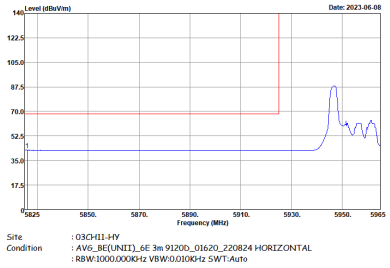
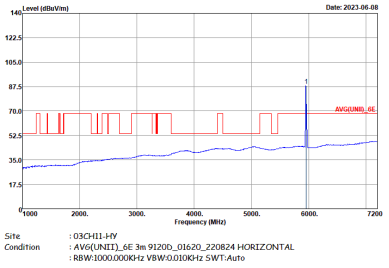
Band 5 - 5925~6425MHz

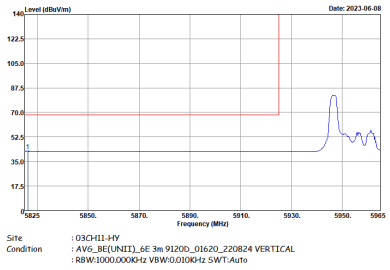
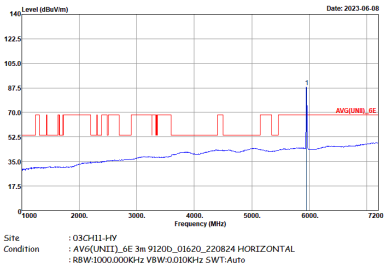
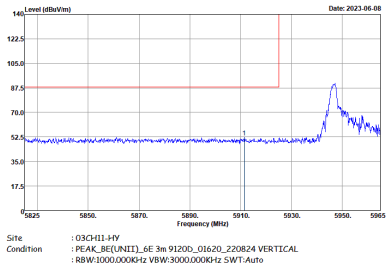
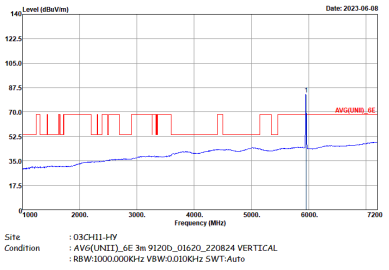
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

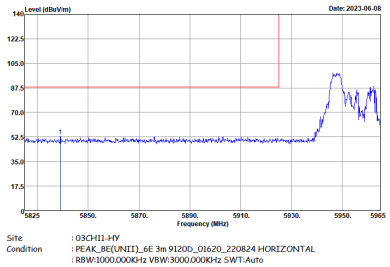
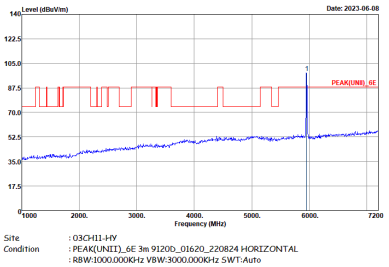
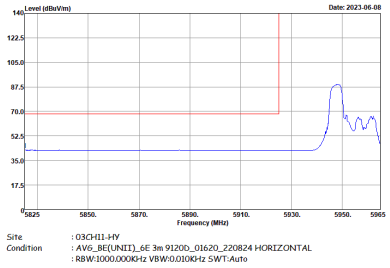
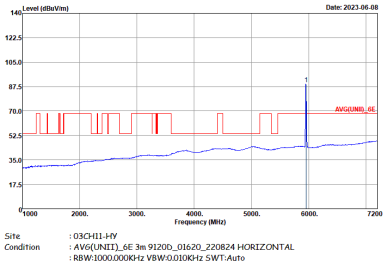
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

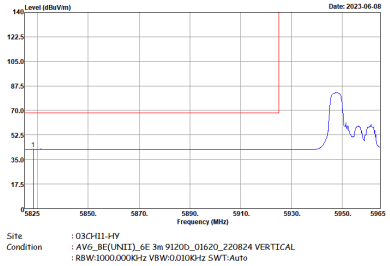
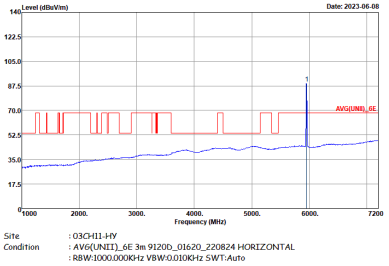
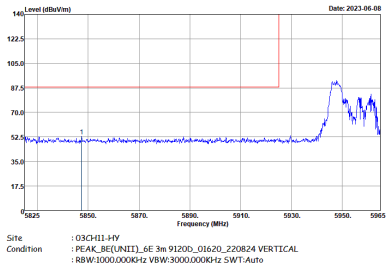
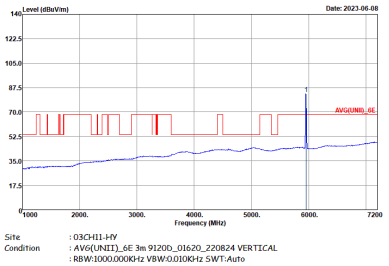
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 5955MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 5955MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

Band 5 5925~6425MHz

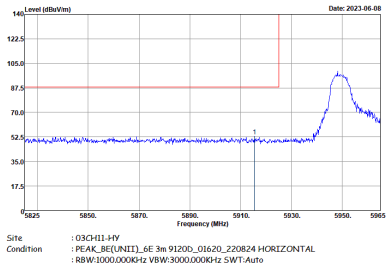
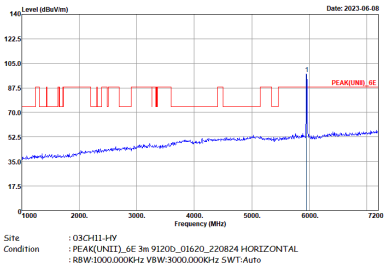
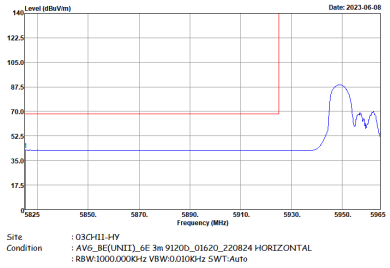
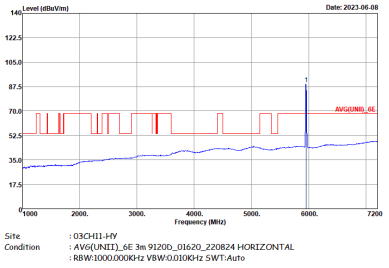
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

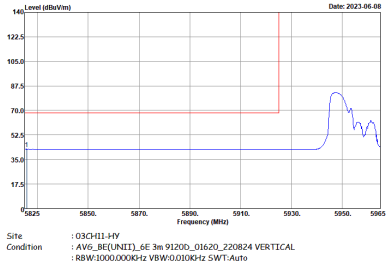
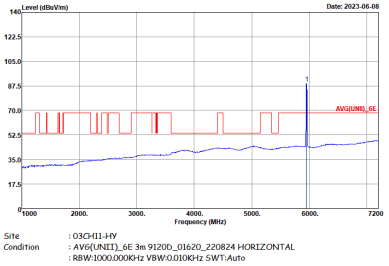
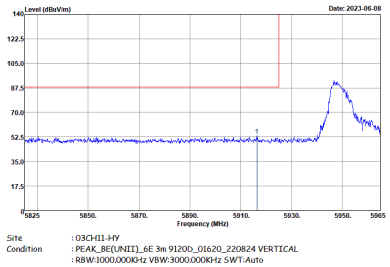
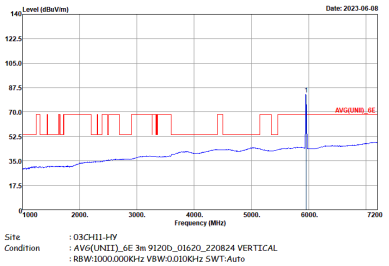
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH01 5955MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH01 5955MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

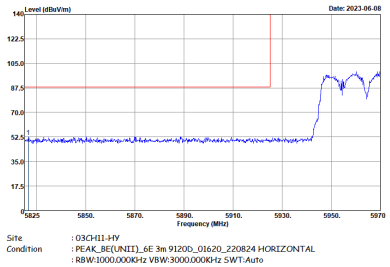
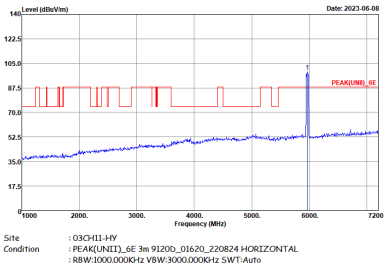
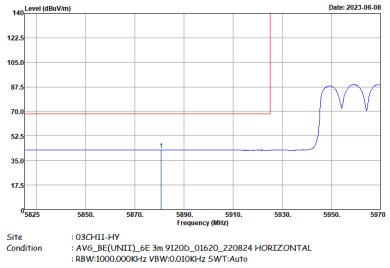
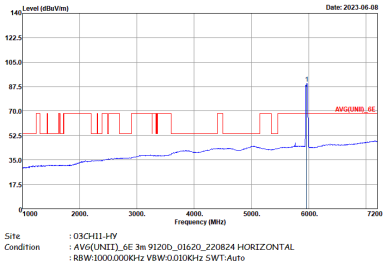
Band 5 5925~6425MHz

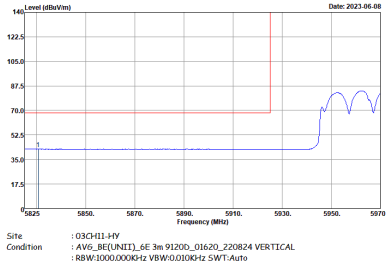
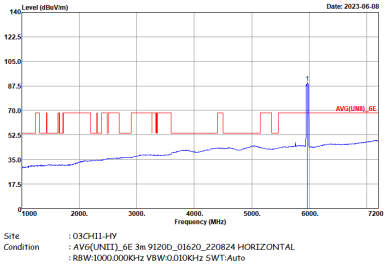
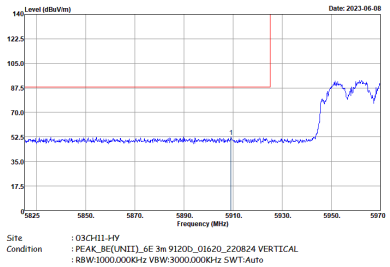
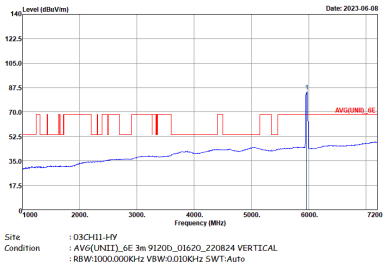
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 5955MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

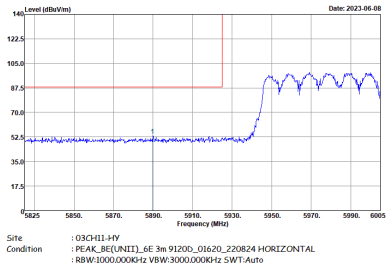
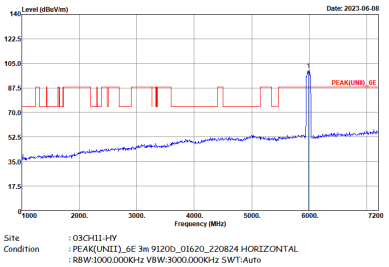
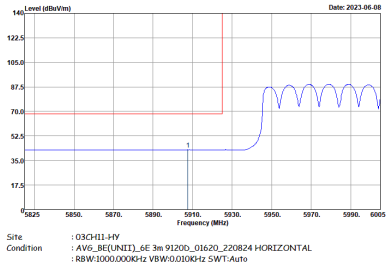
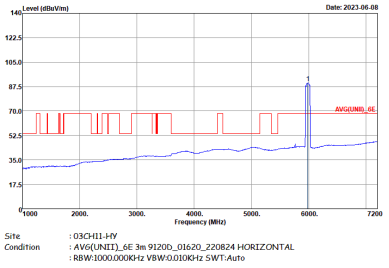
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 5955MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

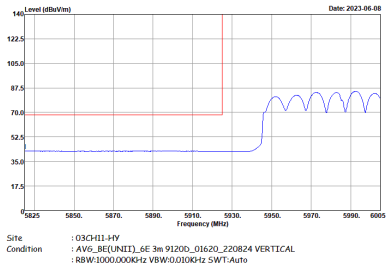
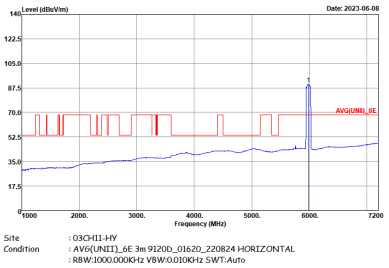
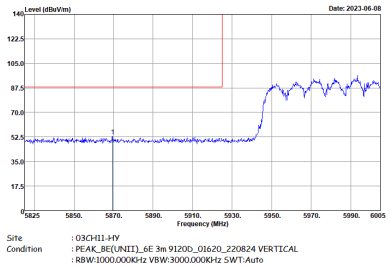
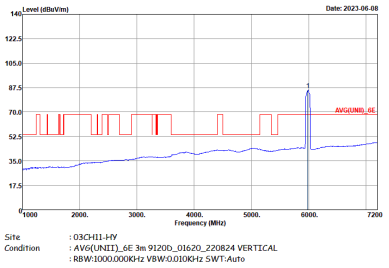
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

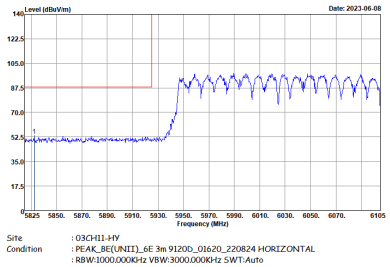
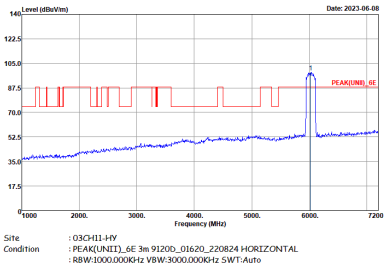
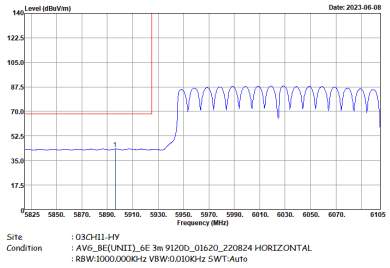
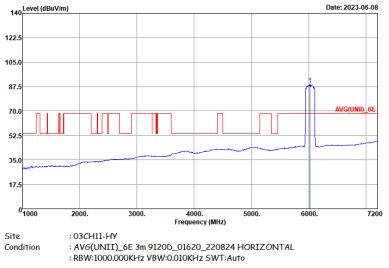
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

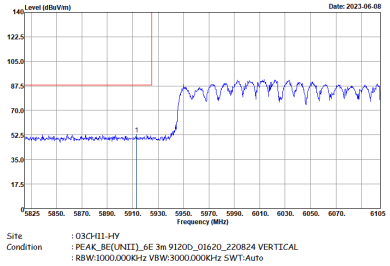
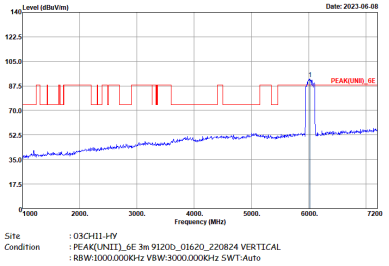
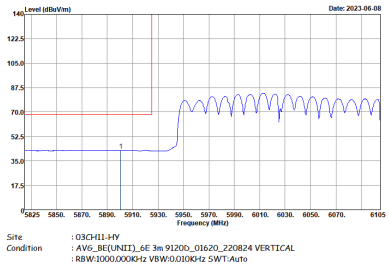
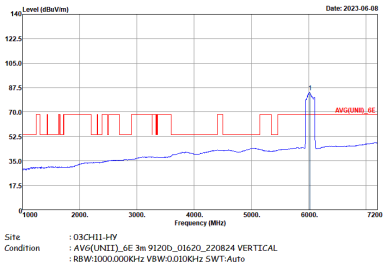
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

Band 5 5925~6425MHz

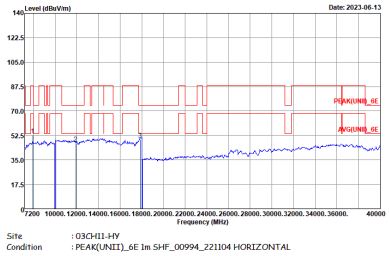
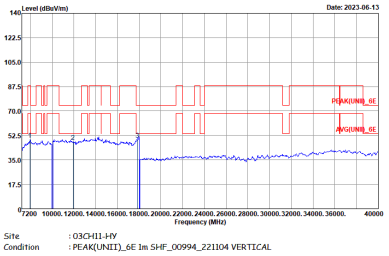
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

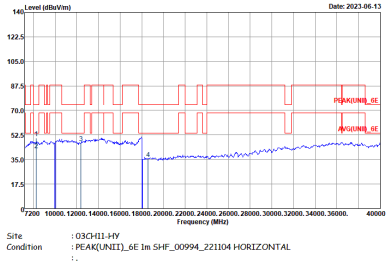
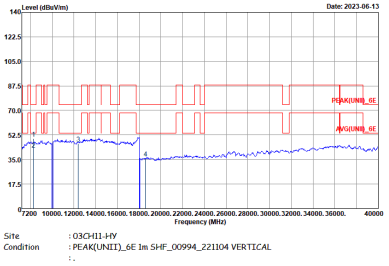
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

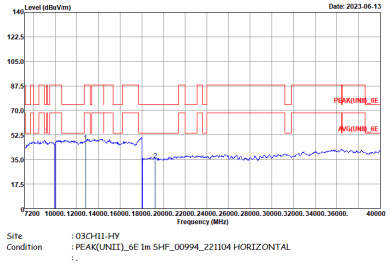
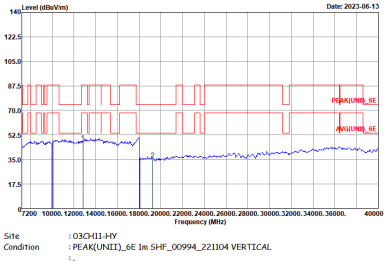
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

Band 5 - 5925~6425MHz

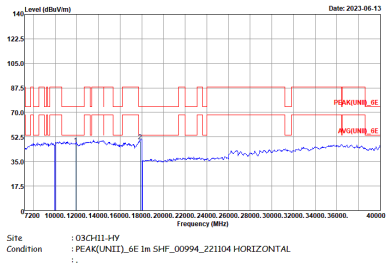
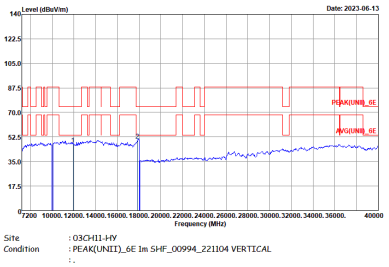
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
0+1	Horizontal	Vertical
Peak Avg.		

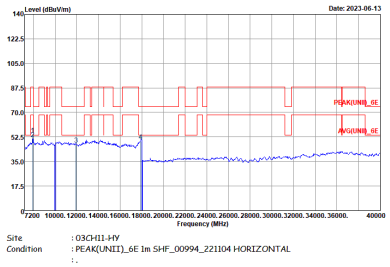
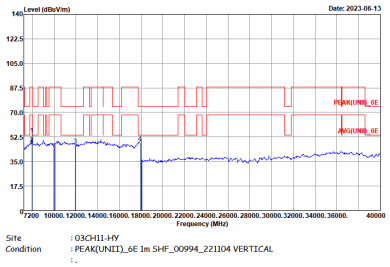
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
0+1	Horizontal	Vertical
Peak Avg.		

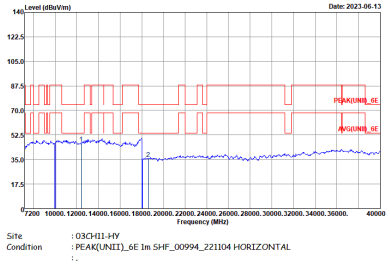
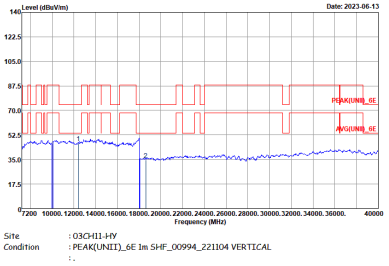
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

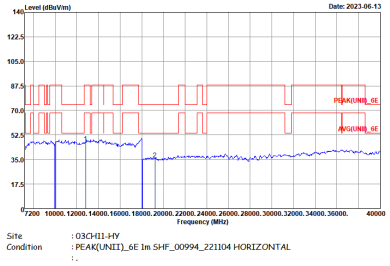
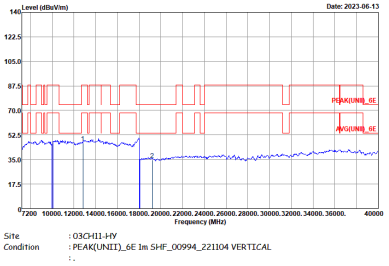
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 5955MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

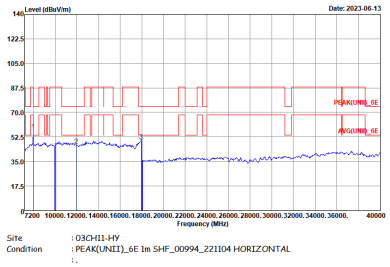
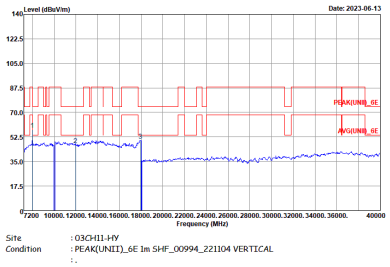
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
0+1	Horizontal	Vertical
Peak Avg.		

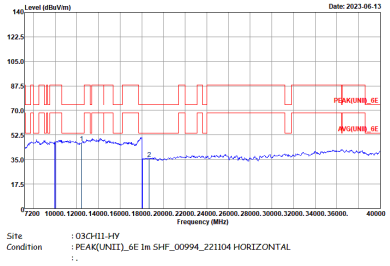
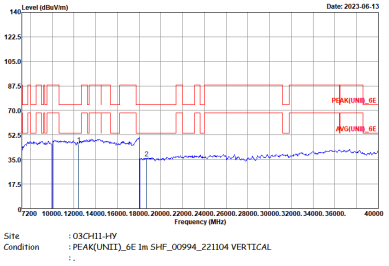
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
0+1	Horizontal	Vertical
Peak Avg.		

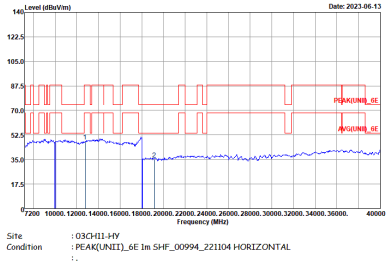
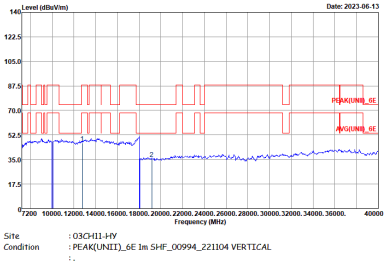
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

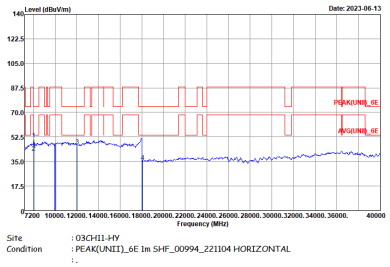
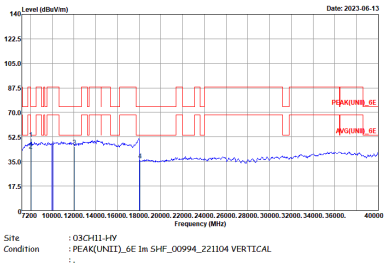
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
0+1	Horizontal	Vertical
Peak Avg.		

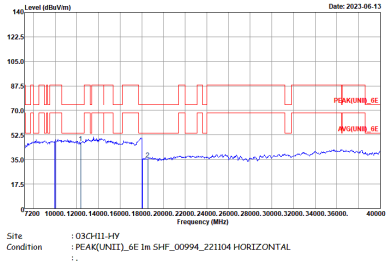
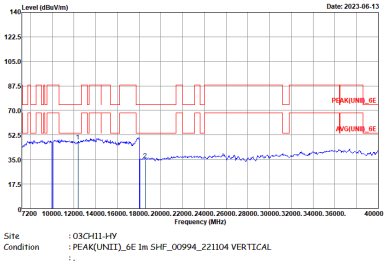
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
0+1	Horizontal	Vertical
Peak Avg.		

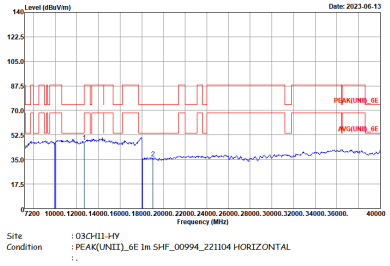
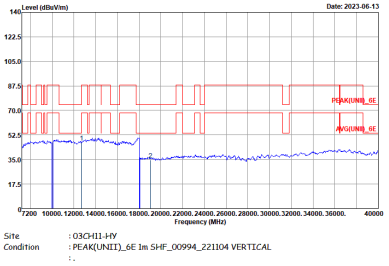
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

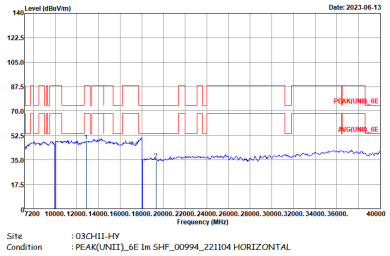
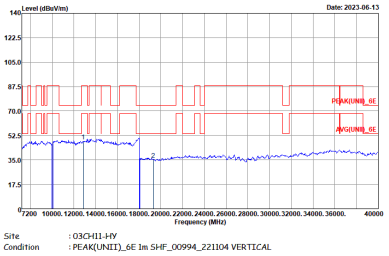
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
0+1	Horizontal	Vertical
Peak Avg.		

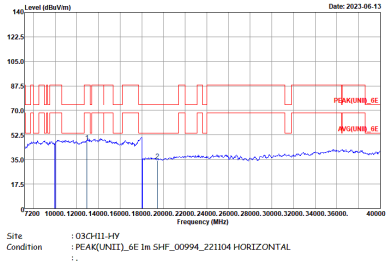
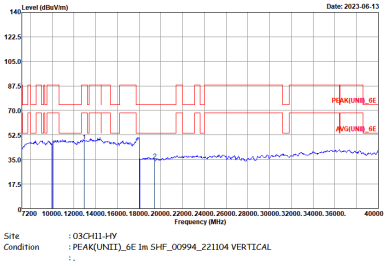
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
0+1	Horizontal	Vertical
Peak Avg.		

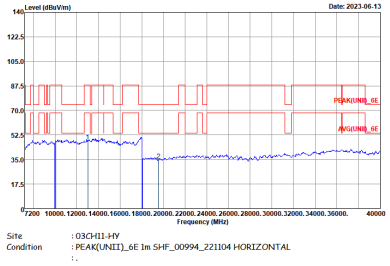
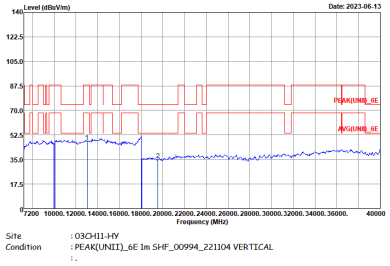
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 6 - 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

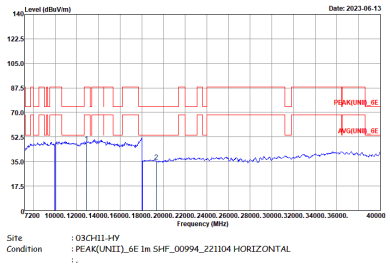
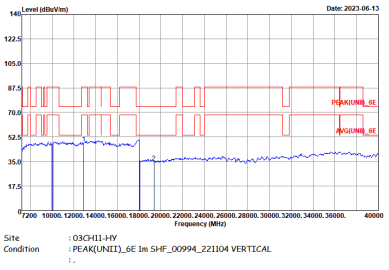
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH97 6435MHz	
0+1	Horizontal	Vertical
Peak Avg.		

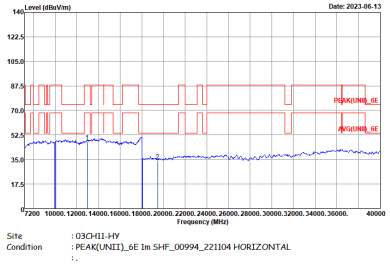
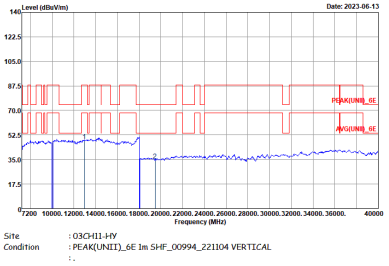
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH105 6475MHz	
0+1	Horizontal	Vertical
Peak Avg.		

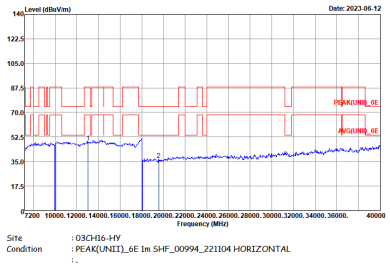
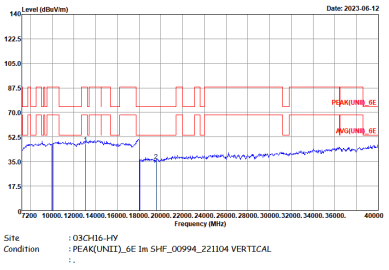
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH113 6515MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

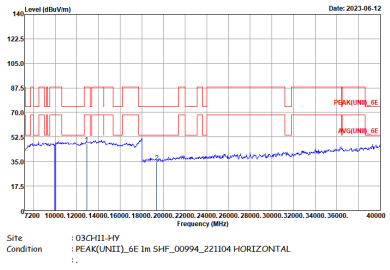
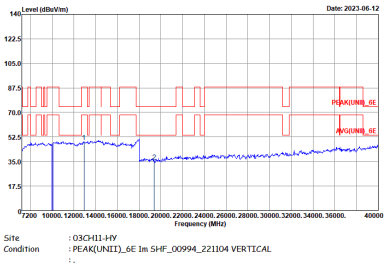
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH99 6445MHz	
0+1	Horizontal	Vertical
Peak Avg.		

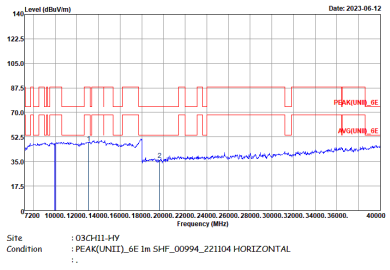
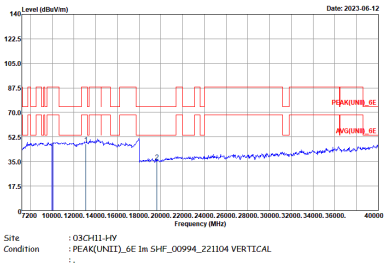
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH107 6485MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH115 6525MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

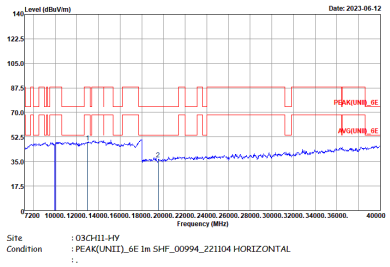
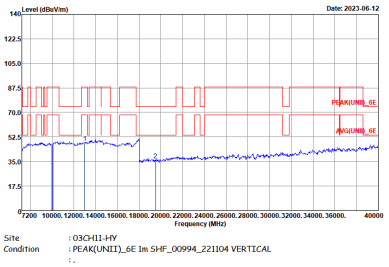
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
0+1	Horizontal	Vertical
Peak Avg.		

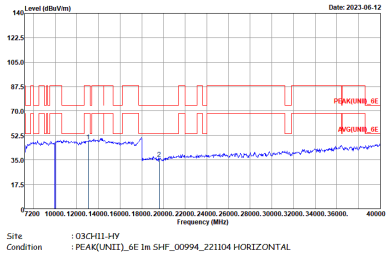
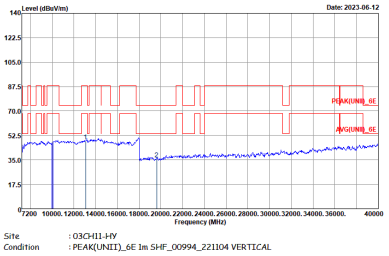
Band 6 6425~6525MHz

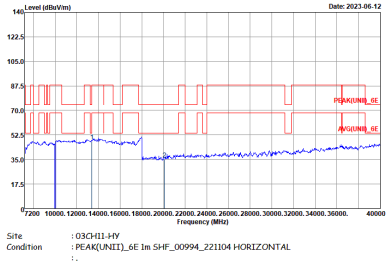
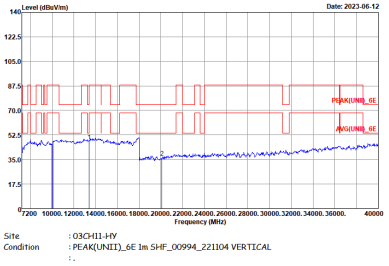
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

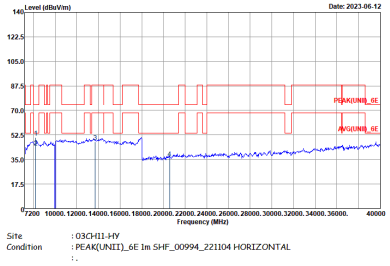
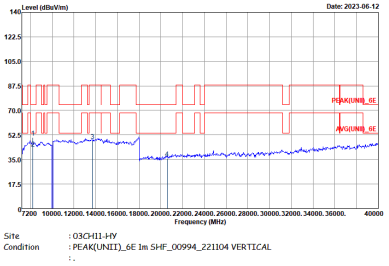
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
0+1	Horizontal	Vertical
Peak Avg.		

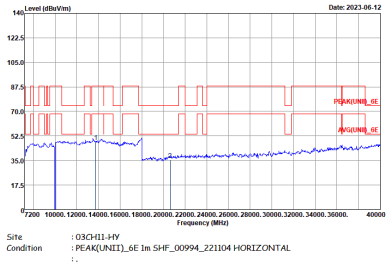
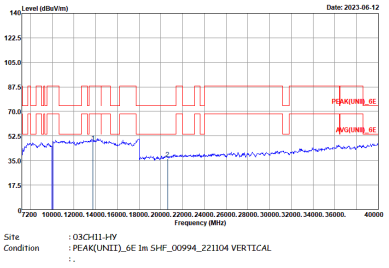
Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
0+1	Horizontal	Vertical
Peak Avg.		

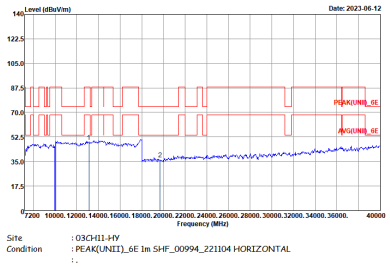
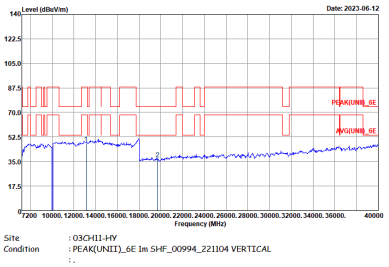
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
0+1	Horizontal	Vertical
Peak Avg.		

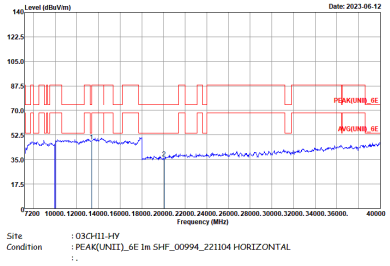
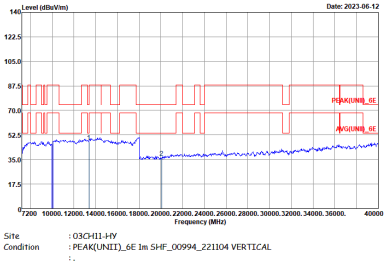
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
0+1	Horizontal	Vertical
Peak Avg.		

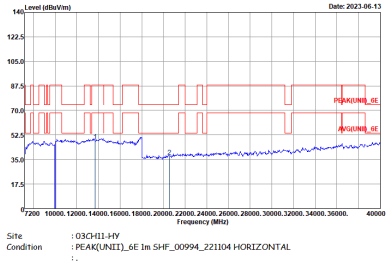
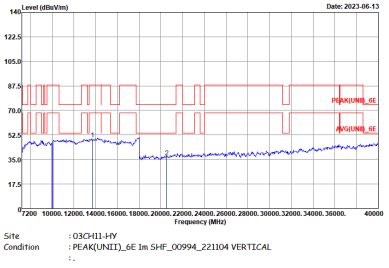
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH185 6875MHz	
0+1	Horizontal	Vertical
Peak Avg.		

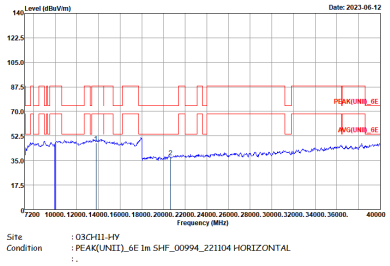
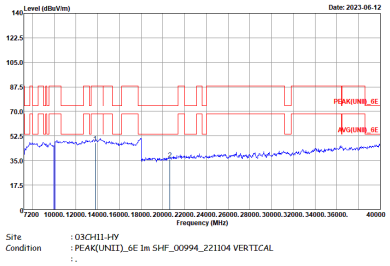
Band 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565MHz	
0+1	Horizontal	Vertical
Peak Avg.		

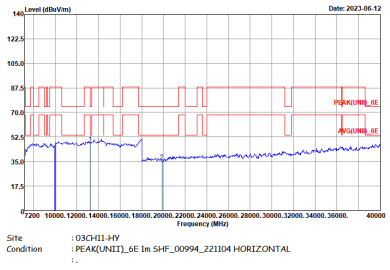
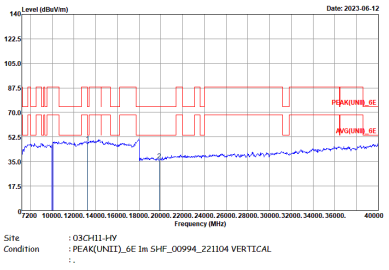
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685MHz	
0+1	Horizontal	Vertical
Peak Avg.		

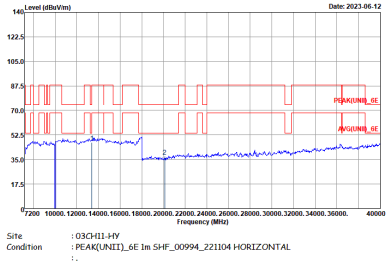
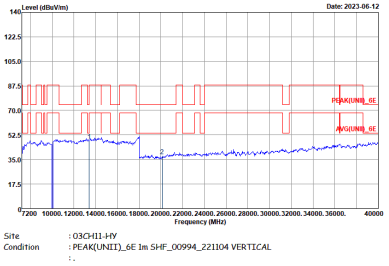
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH179 6845MHz	
0+1	Horizontal	Vertical
Peak Avg.		

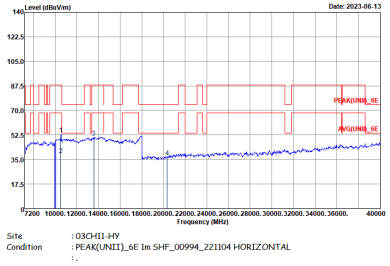
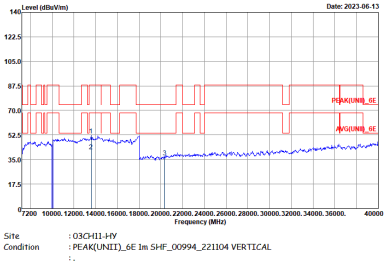
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH187 6885MHz	
0+1	Horizontal	Vertical
Peak Avg.		

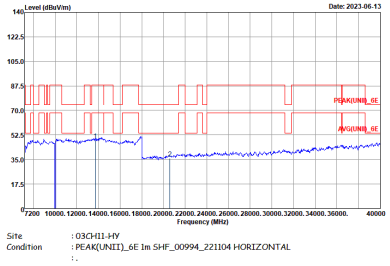
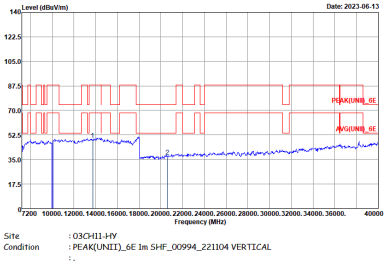
Band 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
0+1	Horizontal	Vertical
Peak Avg.		

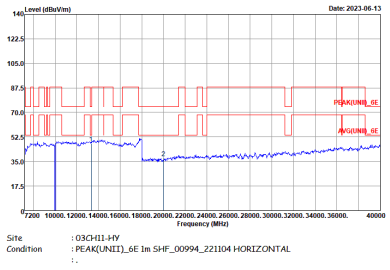
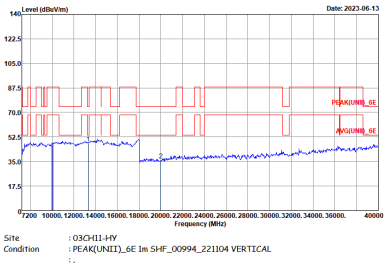
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
0+1	Horizontal	Vertical
Peak Avg.		

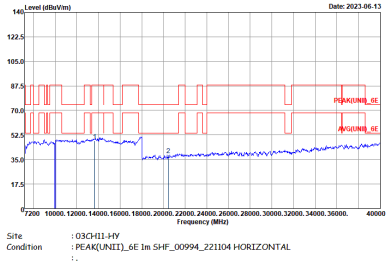
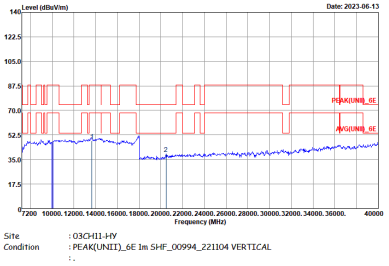
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

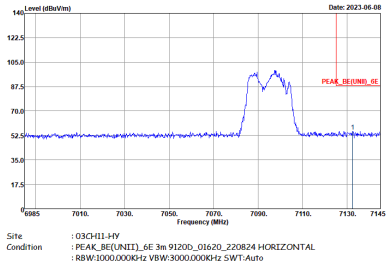
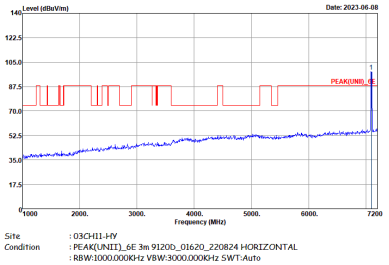
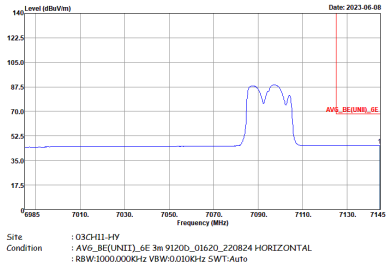
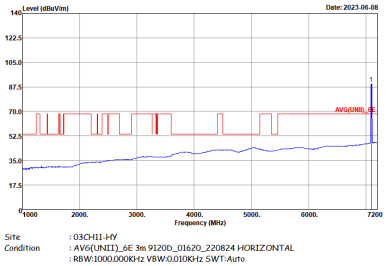
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

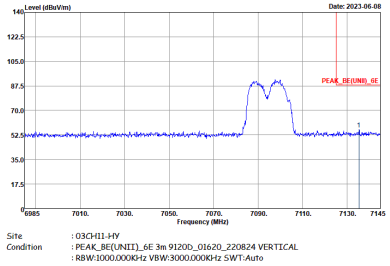
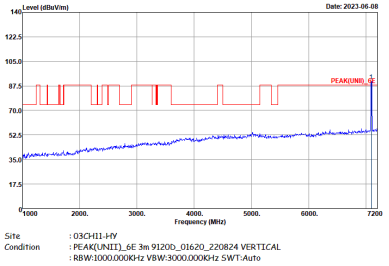
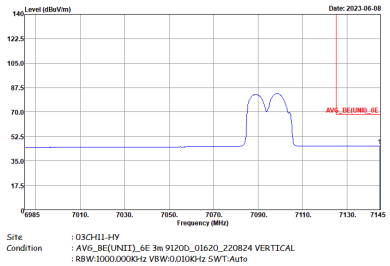
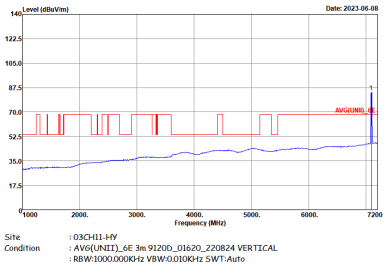
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

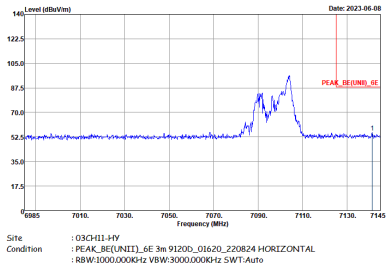
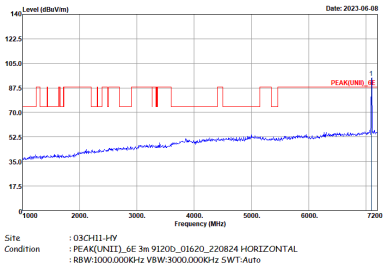
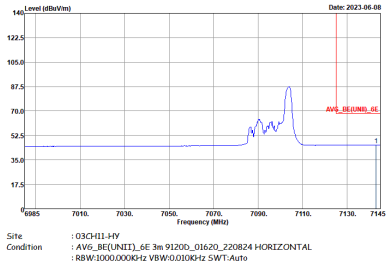
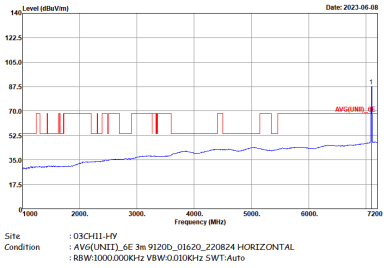
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

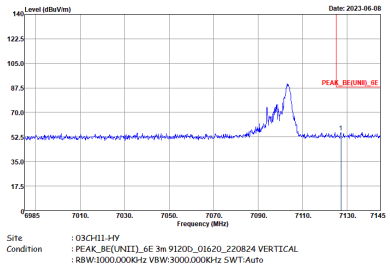
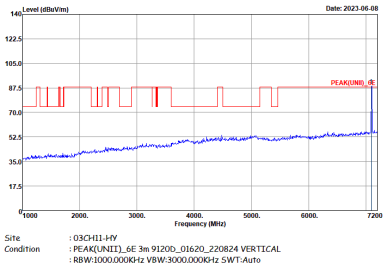
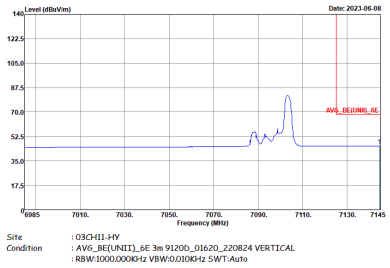
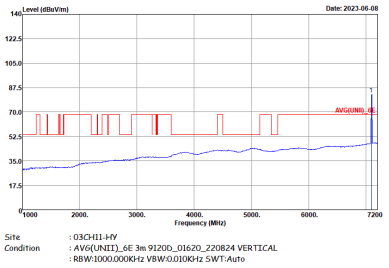
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

Band 8 - 6875~7125MHz

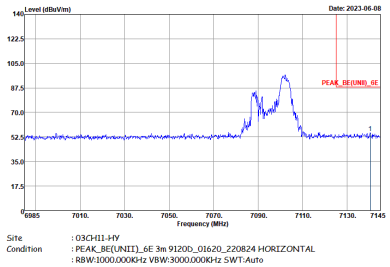
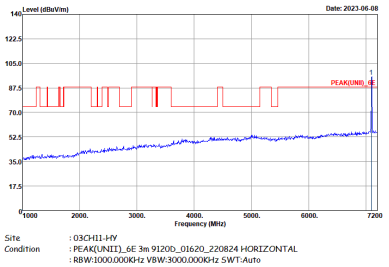
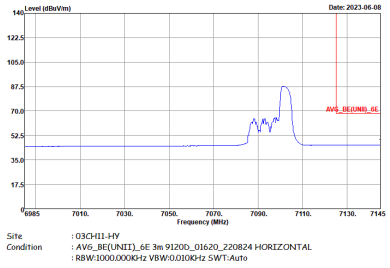
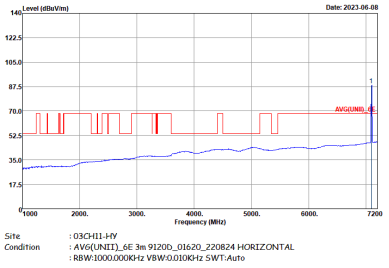
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

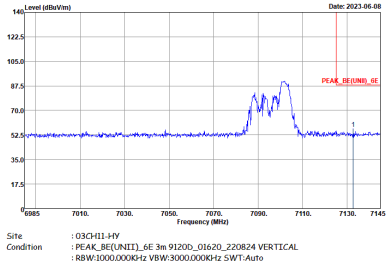
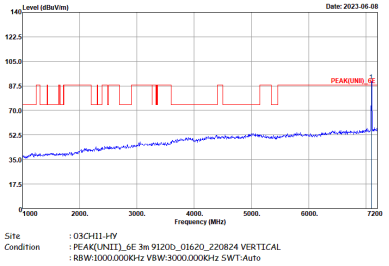
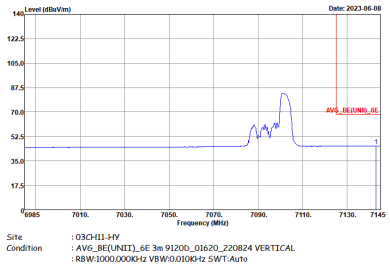
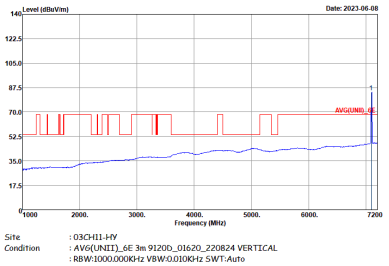
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH229 7095MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH229 7095MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

Band 8 - 6875~7125MHz

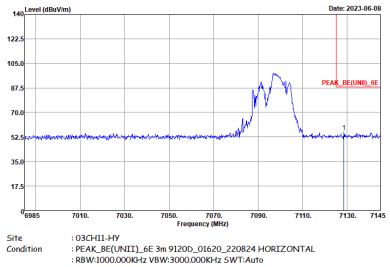
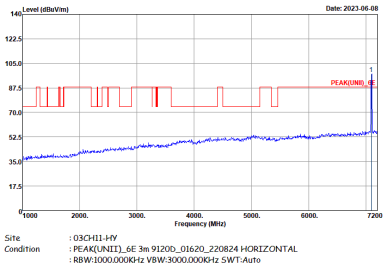
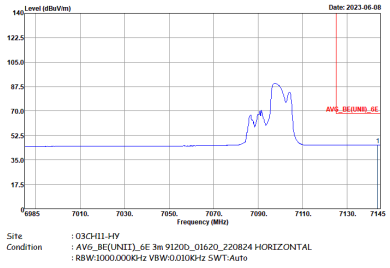
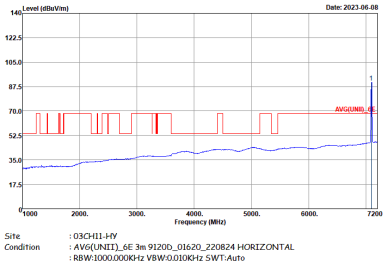
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

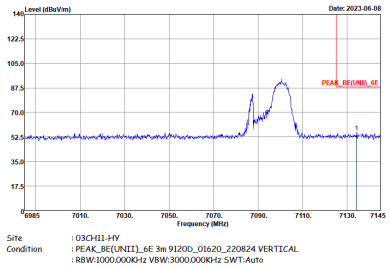
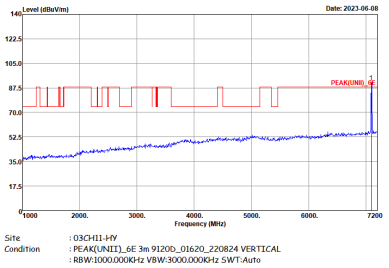
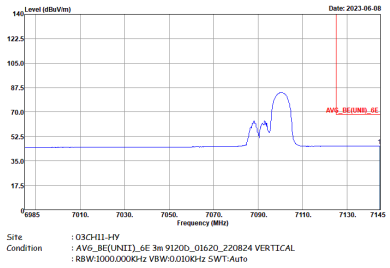
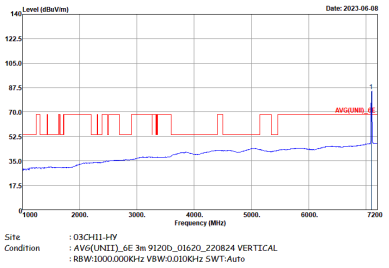
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH229 7095MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH229 7095MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

Band 8 - 6875~7125MHz

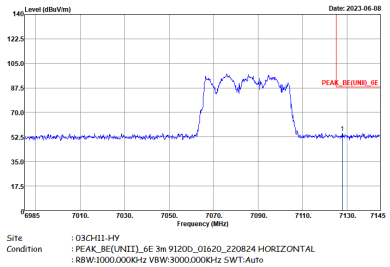
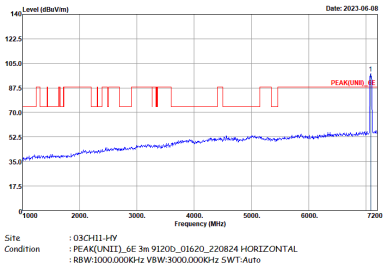
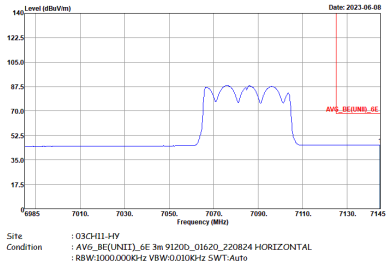
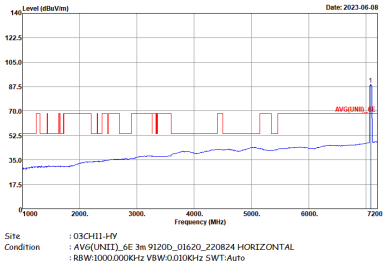
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

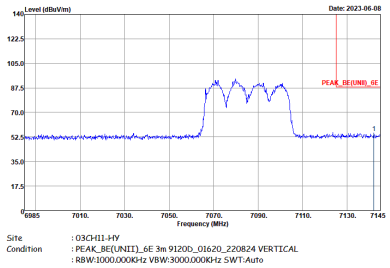
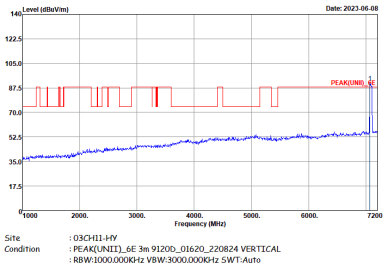
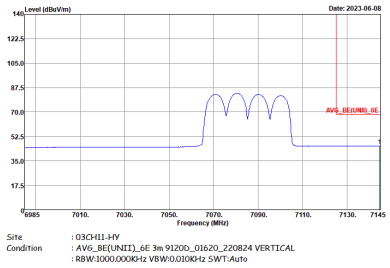
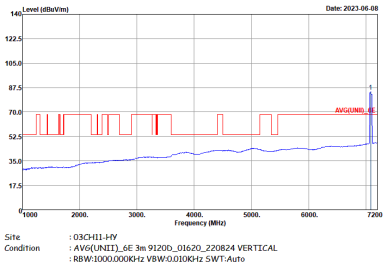
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH229 7095MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH229 7095MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

Band 8 - 6875~7125MHz

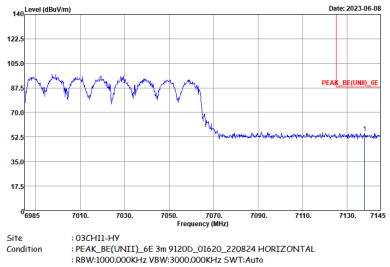
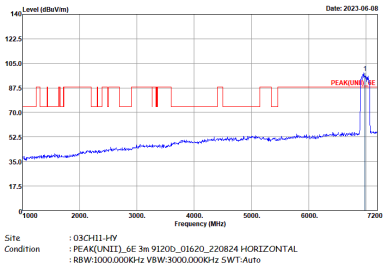
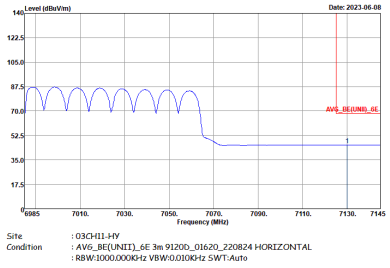
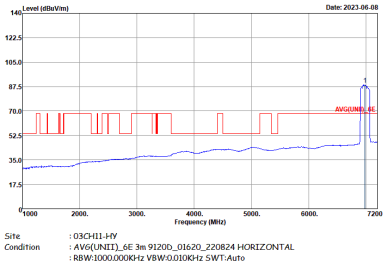
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

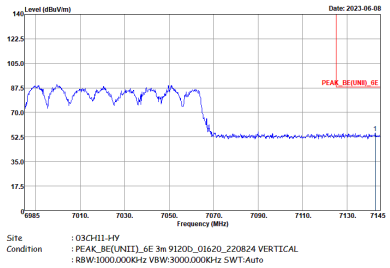
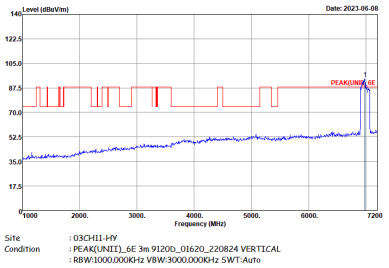
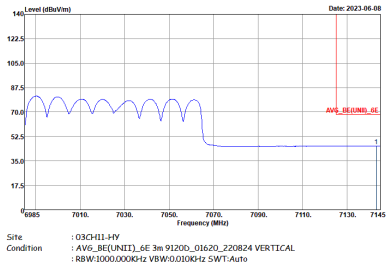
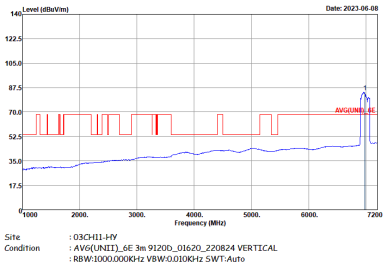
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

Band 8 - 6875~7125MHz

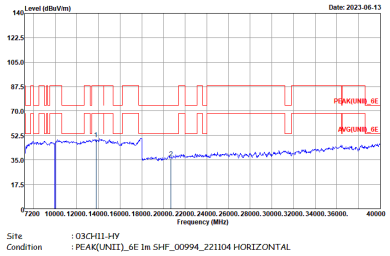
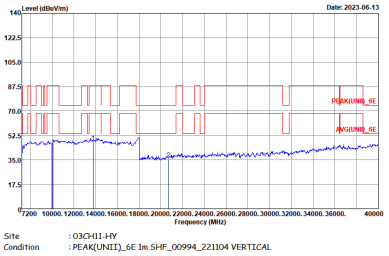
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

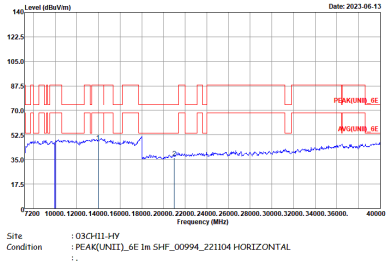
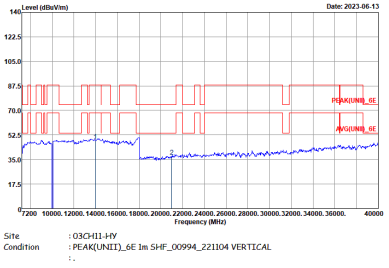
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

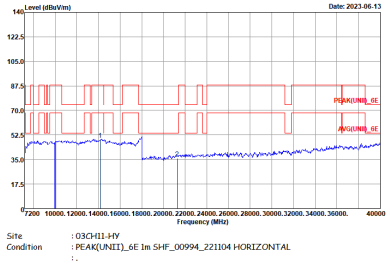
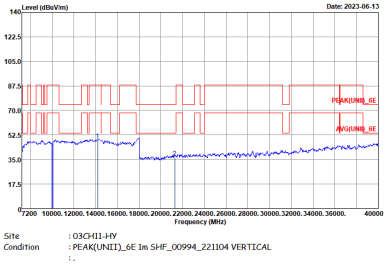
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG(UNII)_6E 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

Band 8 - 6875~7125MHz

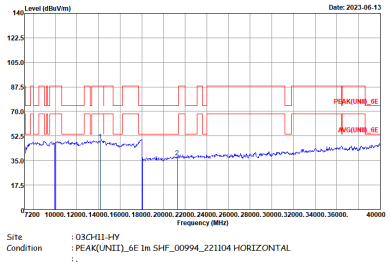
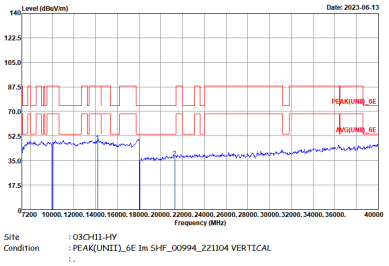
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH189 6895MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH209 6995MHz	
0+1	Horizontal	Vertical
Peak Avg.		

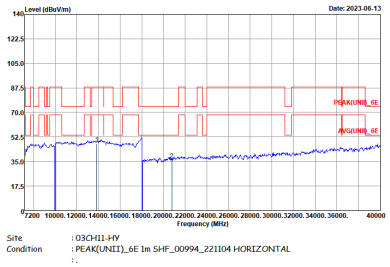
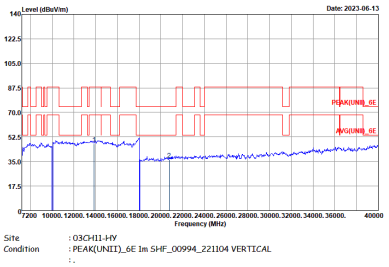
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH229 7095MHz	
0+1	Horizontal	Vertical
Peak Avg.		

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	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH211 7005MHz	
0+1	Horizontal	Vertical
Peak Avg.