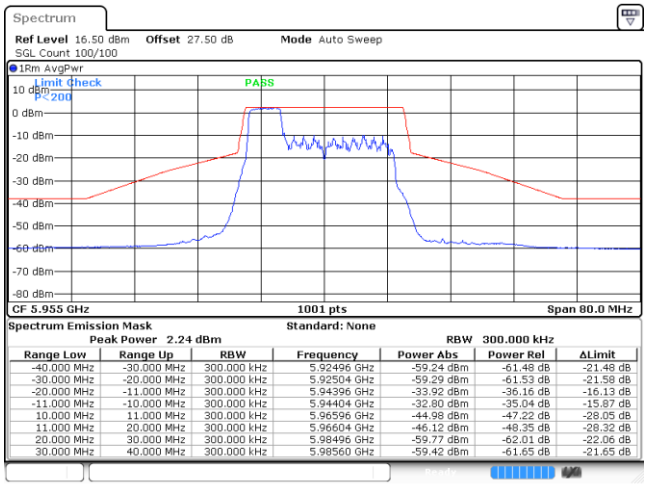
EUT Mode :	802.11ax HE20 52RU

Plot on Channel 5955MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	5.92496 GHz	-59.24 dBm	-61.48 dB	-21.48 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	5.92504 GHz	-59.29 dBm	-61.53 dB	-21.58 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	5.94396 GHz	-33.92 dBm	-36.16 dB	-16.13 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	5.94404 GHz	-32.80 dBm	-35.04 dB	-15.87 dB
10.000 MHz	11.000 MHz	300.000 kHz	5.96596 GHz	-44.98 dBm	-47.22 dB	-28.05 dB
11.000 MHz	20.000 MHz	300.000 kHz	5.96604 GHz	-46.12 dBm	-48.35 dB	-28.32 dB
20.000 MHz	30.000 MHz	300.000 kHz	5.98496 GHz	-59.77 dBm	-62.01 dB	-22.06 dB
30.000 MHz	40.000 MHz	300.000 kHz	5.98560 GHz	-59.42 dBm	-61.65 dB	-21.65 dB

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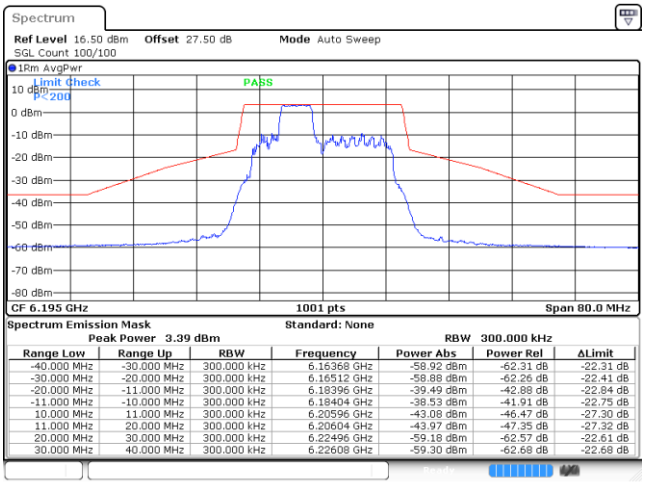
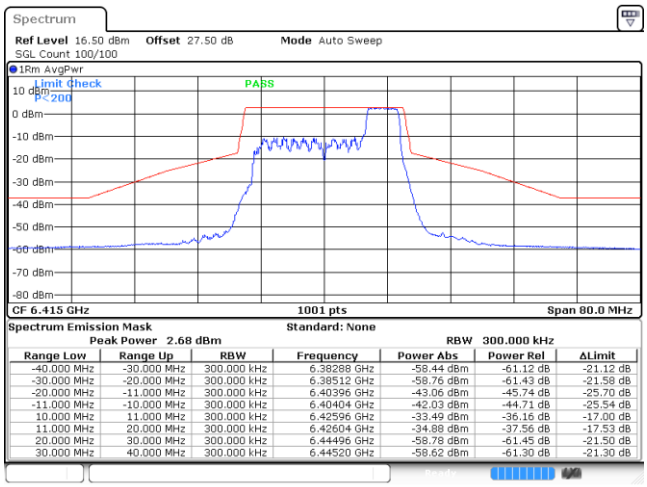
Plot on Channel 6195MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.16368 GHz	-58.92 dBm	-62.31 dB	-22.31 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.16512 GHz	-58.88 dBm	-62.26 dB	-22.41 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.18396 GHz	-39.49 dBm	-42.88 dB	-22.84 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.18404 GHz	-38.53 dBm	-41.91 dB	-22.75 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.20596 GHz	-43.08 dBm	-46.47 dB	-27.30 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.20604 GHz	-43.97 dBm	-47.35 dB	-27.32 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.22496 GHz	-59.18 dBm	-62.57 dB	-22.61 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.22608 GHz	-59.30 dBm	-62.68 dB	-22.68 dB

Date: 8.NOV.2022 16:37:58

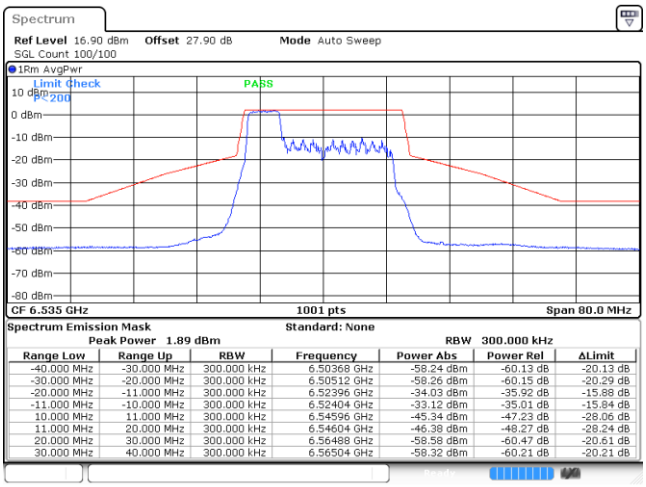
Plot on Channel 6415MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.38288 GHz	-58.44 dBm	-61.12 dB	-21.12 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.38512 GHz	-58.76 dBm	-61.43 dB	-21.58 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.40396 GHz	-43.06 dBm	-45.74 dB	-25.70 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.40404 GHz	-42.03 dBm	-44.71 dB	-25.54 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.42596 GHz	-33.49 dBm	-36.16 dB	-17.00 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.42604 GHz	-34.88 dBm	-37.56 dB	-17.53 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.44496 GHz	-58.78 dBm	-61.45 dB	-21.50 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.44520 GHz	-58.62 dBm	-61.30 dB	-21.30 dB

Date: 9.NOV.2022 08:14:13

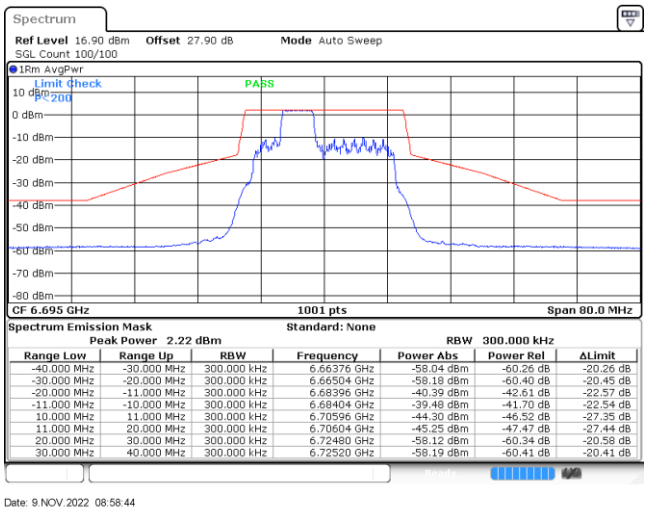
Plot on Channel 6535MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.50368 GHz	-58.24 dBm	-60.13 dB	-20.13 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50512 GHz	-58.26 dBm	-60.15 dB	-20.29 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-34.03 dBm	-35.92 dB	-15.88 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-33.12 dBm	-35.01 dB	-15.84 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-45.34 dBm	-47.23 dB	-28.06 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-46.38 dBm	-48.27 dB	-28.24 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56488 GHz	-58.58 dBm	-60.47 dB	-20.61 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56504 GHz	-58.32 dBm	-60.21 dB	-20.21 dB

Date: 9.NOV.2022 08:38:11

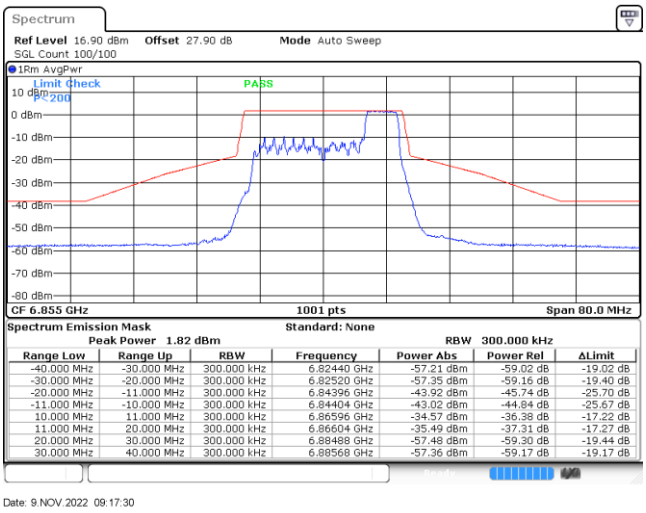
Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66376 GHz	-58.04 dBm	-60.26 dB	-20.26 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-58.18 dBm	-60.40 dB	-20.45 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-40.39 dBm	-42.61 dB	-22.57 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-39.48 dBm	-41.70 dB	-22.54 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-44.30 dBm	-46.52 dB	-27.35 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-45.25 dBm	-47.47 dB	-27.44 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72480 GHz	-58.12 dBm	-60.34 dB	-20.58 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72520 GHz	-58.19 dBm	-60.41 dB	-20.41 dB

Date: 9.NOV.2022 08:58:44

Plot on Channel 6855MHz

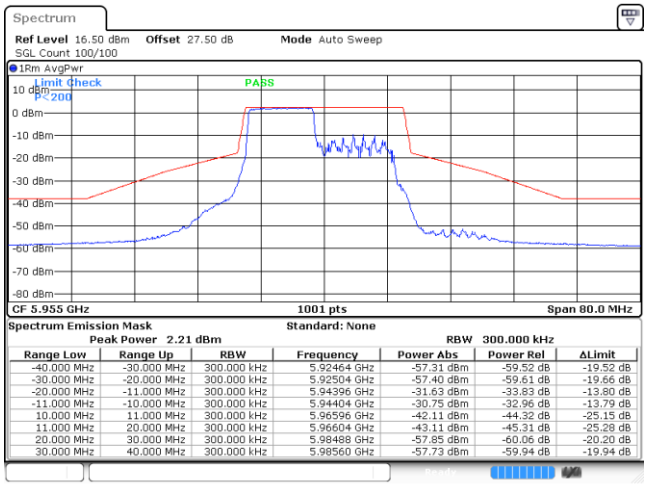


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82440 GHz	-57.21 dBm	-59.02 dB	-19.02 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82520 GHz	-57.35 dBm	-59.16 dB	-19.40 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-43.92 dBm	-45.74 dB	-25.70 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-43.02 dBm	-44.84 dB	-25.67 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-34.57 dBm	-36.38 dB	-17.22 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-35.49 dBm	-37.31 dB	-17.27 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88488 GHz	-57.48 dBm	-59.30 dB	-19.44 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88568 GHz	-57.36 dBm	-59.17 dB	-19.17 dB

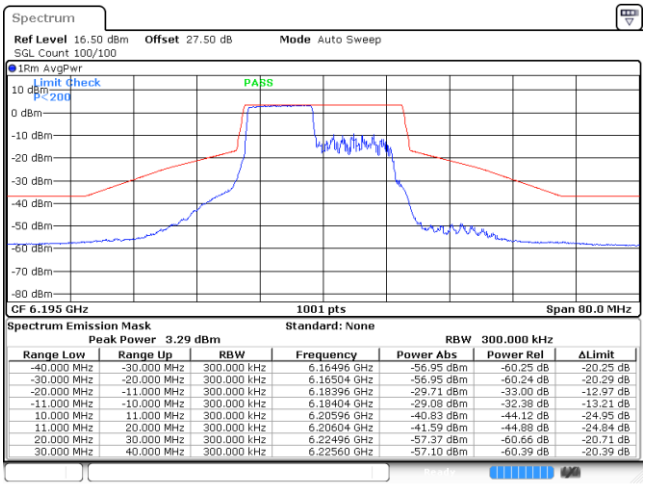
Date: 9.NOV.2022 09:17:30

EUT Mode :	802.11ax HE20 106RU

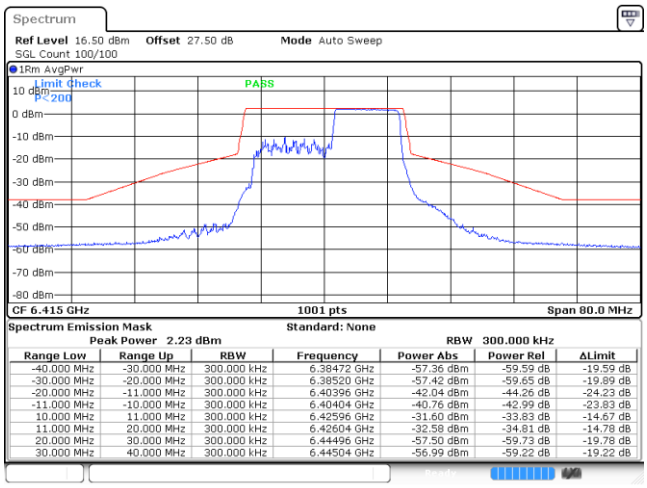
Plot on Channel 5955MHz



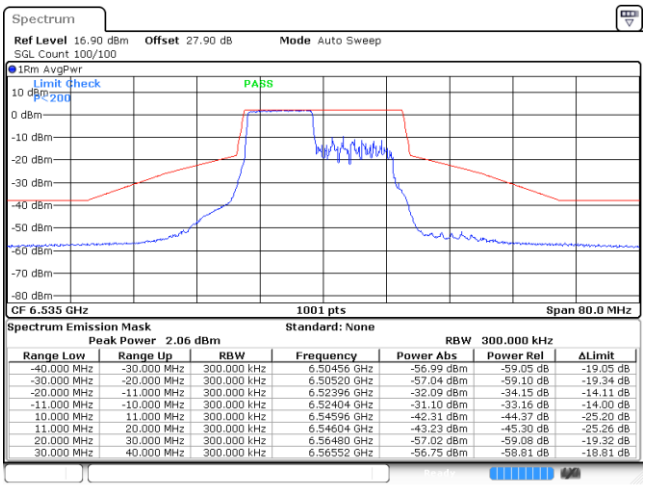
Plot on Channel 6195MHz



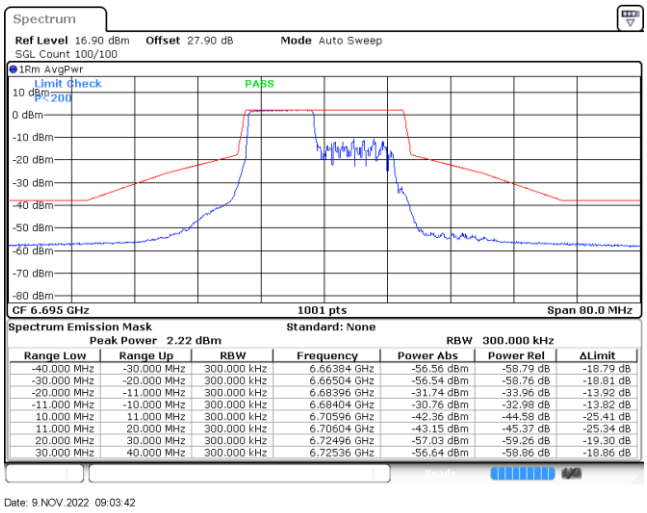
Plot on Channel 6415MHz



Plot on Channel 6535MHz



Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66384 GHz	-56.56 dBm	-58.79 dB	-18.79 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66504 GHz	-56.54 dBm	-58.76 dB	-18.81 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-31.74 dBm	-33.96 dB	-13.92 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-30.76 dBm	-32.98 dB	-13.82 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-42.36 dBm	-44.58 dB	-25.41 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-43.15 dBm	-45.37 dB	-25.34 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-57.03 dBm	-59.26 dB	-19.30 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72536 GHz	-56.64 dBm	-58.86 dB	-18.86 dB

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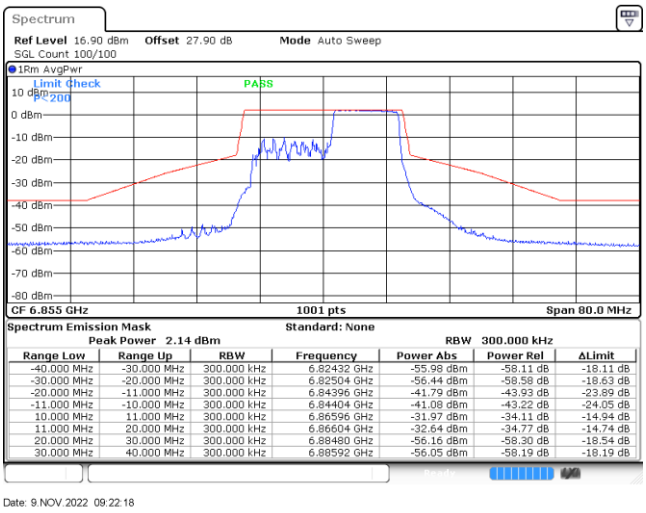
Plot on Channel 6855MHz

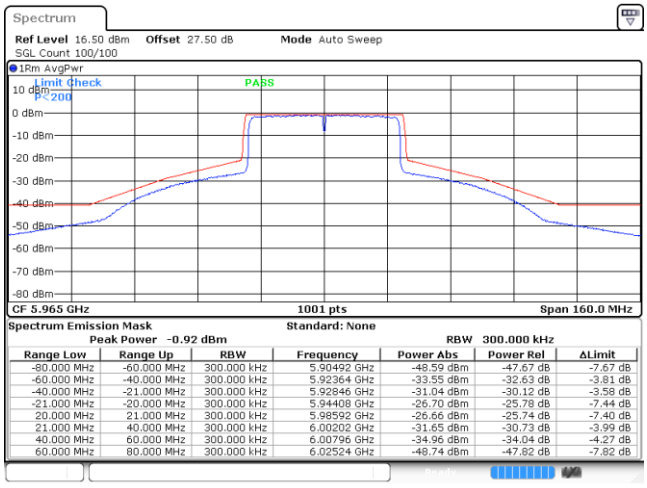


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82432 GHz	-55.98 dBm	-58.11 dB	-18.11 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82504 GHz	-56.44 dBm	-58.58 dB	-18.63 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-41.79 dBm	-43.93 dB	-23.89 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-41.08 dBm	-43.22 dB	-24.05 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-31.97 dBm	-34.11 dB	-14.94 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-32.64 dBm	-34.77 dB	-14.74 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88480 GHz	-56.16 dBm	-58.30 dB	-18.54 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88592 GHz	-56.05 dBm	-58.19 dB	-18.19 dB

Date: 9.NOV.2022 09:22:18

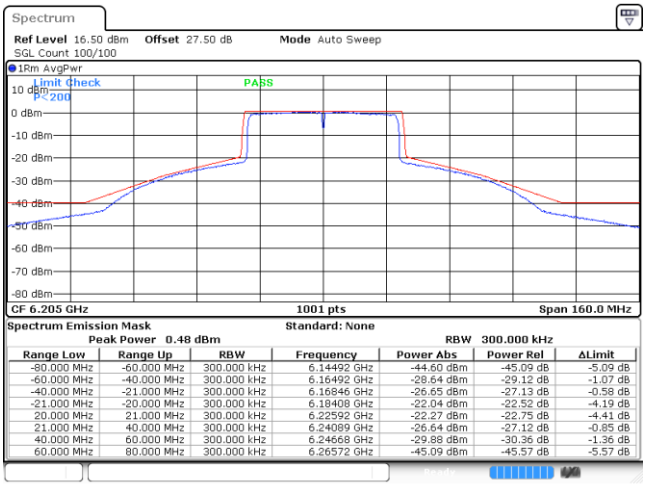
EUT Mode :	802.11ax HE40 Full RU

Plot on Channel 5965MHz



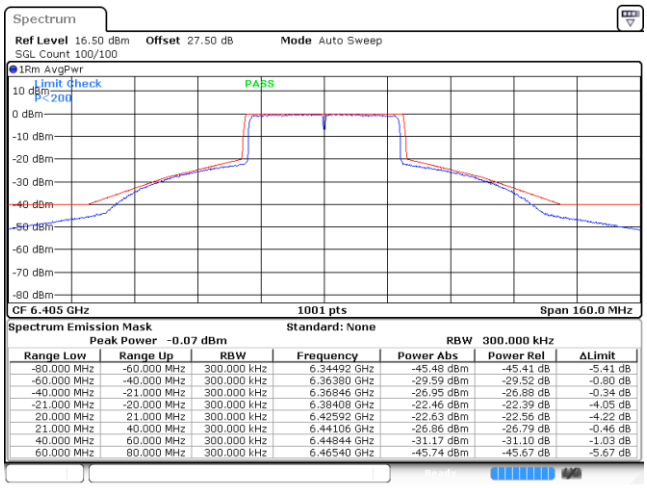
Date: 8.NOV.2022 09:16:12

Plot on Channel 6205MHz



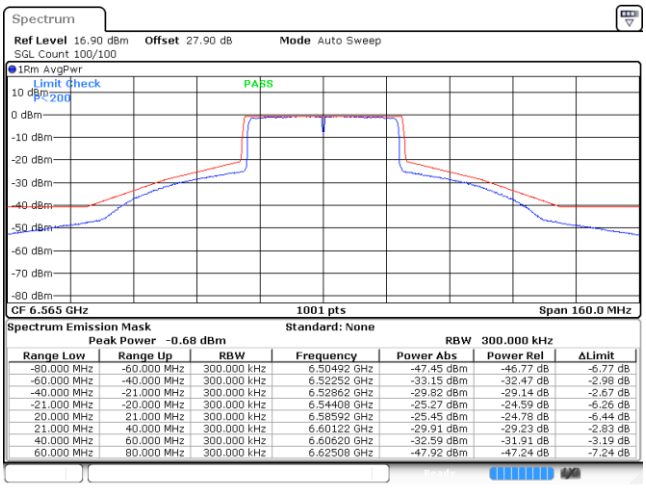
Date: 8.NOV.2022 09:31:03

Plot on Channel 6405MHz



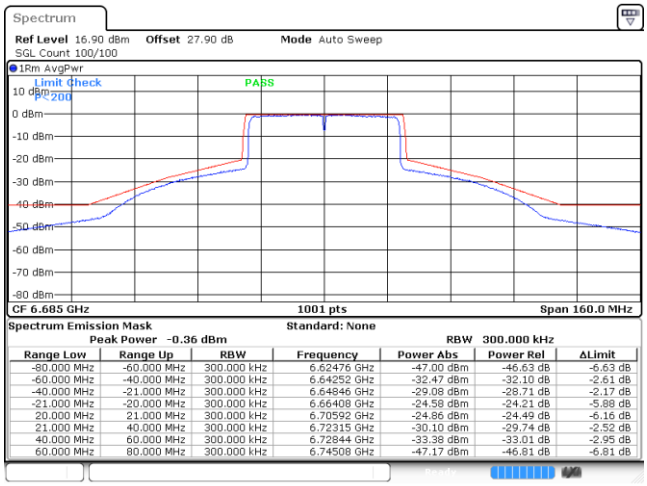
Date: 8.NOV.2022 09:54:41

Plot on Channel 6565MHz



Date: 8.NOV.2022 10:17:07

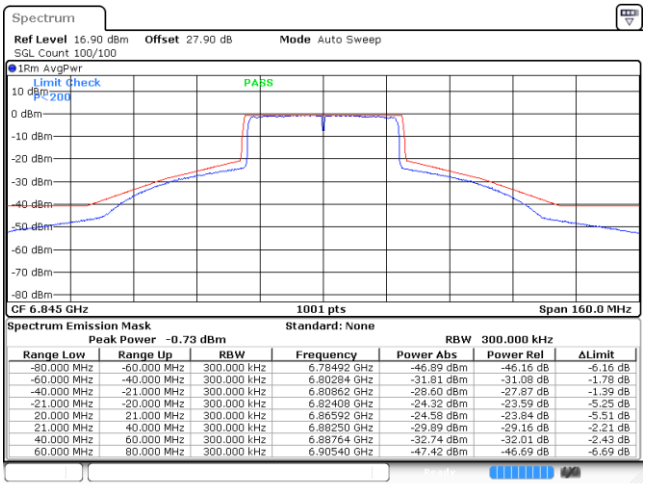
Plot on Channel 6685MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.62476 GHz	-47.00 dBm	-46.63 dB	-6.63 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.64252 GHz	-32.47 dBm	-32.10 dB	-2.61 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.64846 GHz	-29.08 dBm	-28.71 dB	-2.17 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.66408 GHz	-24.58 dBm	-24.21 dB	-5.88 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.70592 GHz	-24.86 dBm	-24.49 dB	-6.16 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.72315 GHz	-30.10 dBm	-29.74 dB	-2.52 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.72844 GHz	-33.38 dBm	-33.01 dB	-2.95 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.74508 GHz	-47.17 dBm	-46.81 dB	-6.81 dB

Date: 8.NOV.2022 10:30:04

Plot on Channel 6845MHz

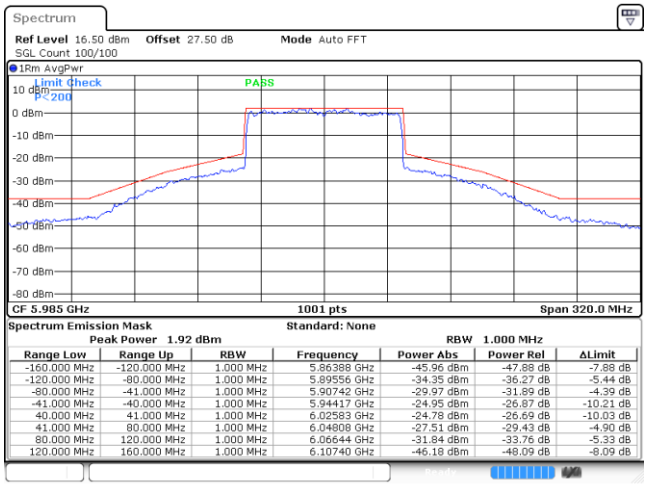


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.78492 GHz	-46.89 dBm	-46.16 dB	-6.16 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.80284 GHz	-31.81 dBm	-31.08 dB	-1.78 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.80862 GHz	-28.60 dBm	-27.87 dB	-1.39 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.82408 GHz	-24.32 dBm	-23.59 dB	-5.25 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.86592 GHz	-24.58 dBm	-23.84 dB	-5.51 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.88250 GHz	-29.89 dBm	-29.16 dB	-2.21 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.88764 GHz	-32.74 dBm	-32.01 dB	-2.43 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.90540 GHz	-47.42 dBm	-46.69 dB	-6.69 dB

Date: 8.NOV.2022 10:41:36

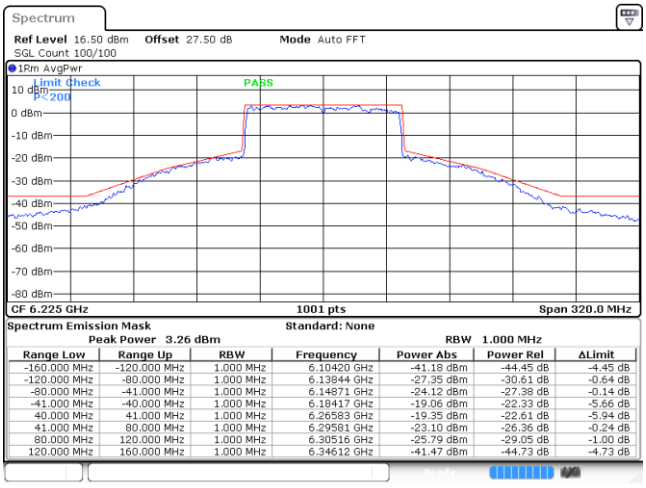
EUT Mode :	802.11ax HE80 Full RU

Plot on Channel 5985MHz



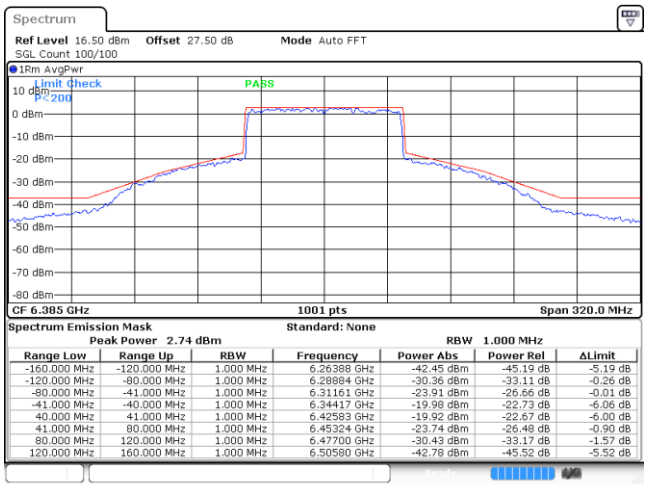
Date: 8.NOV.2022 10:57:13

Plot on Channel 6225MHz



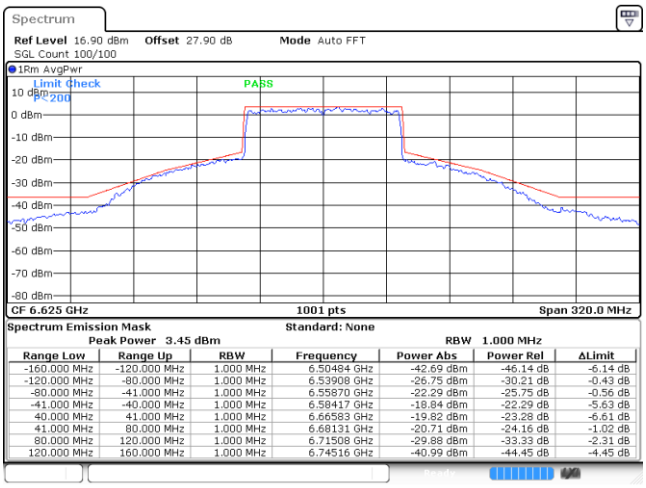
Date: 8.NOV.2022 12:56:17

Plot on Channel 6385MHz



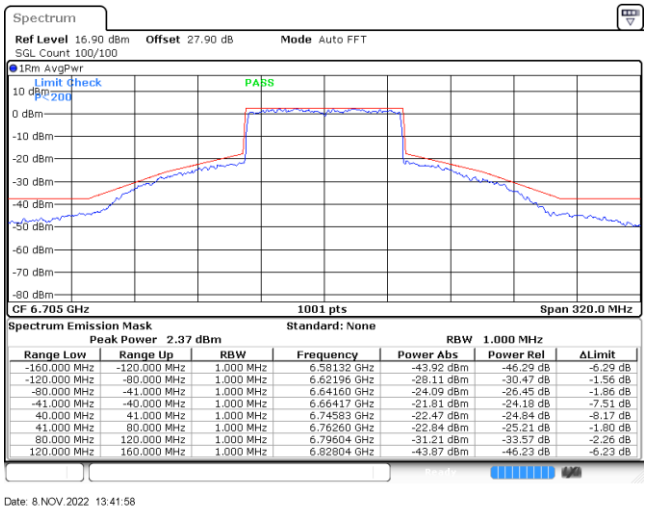
Date: 8.NOV.2022 13:10:00

Plot on Channel 6625MHz



Date: 8.NOV.2022 13:34:14

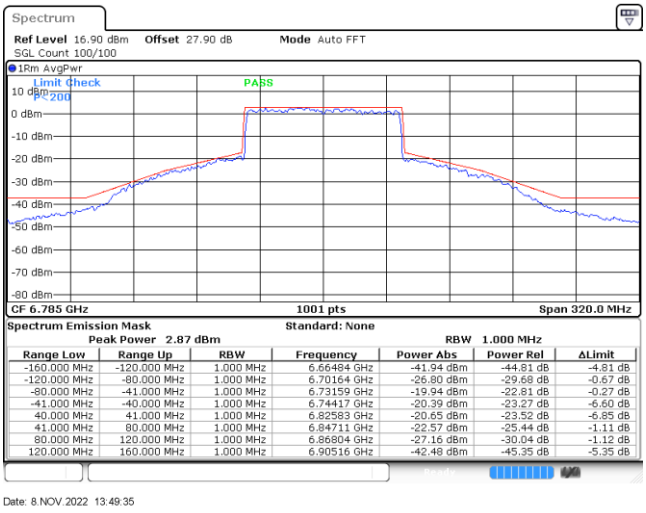
Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.58132 GHz	-43.92 dBm	-46.29 dB	-6.29 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.62196 GHz	-28.11 dBm	-30.47 dB	-1.56 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.64160 GHz	-24.09 dBm	-26.45 dB	-1.86 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-21.81 dBm	-24.18 dB	-7.51 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-22.47 dBm	-24.84 dB	-8.17 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.76260 GHz	-22.84 dBm	-25.21 dB	-1.80 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.79604 GHz	-31.21 dBm	-33.57 dB	-2.26 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.82804 GHz	-43.87 dBm	-46.23 dB	-6.23 dB

Date: 8.NOV.2022 13:41:58

Plot on Channel 6785MHz

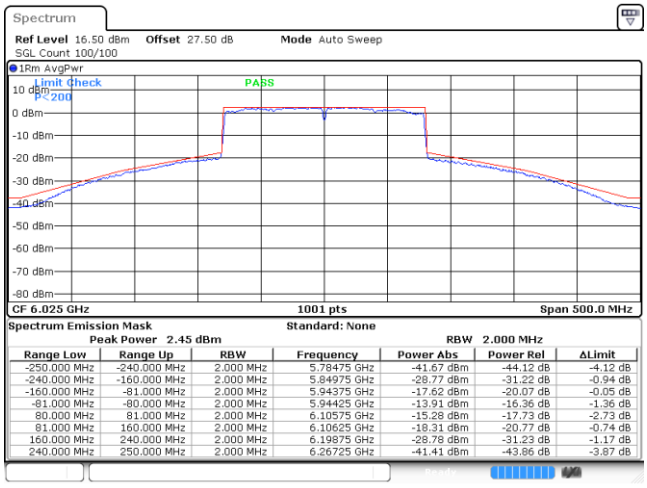


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.66484 GHz	-41.94 dBm	-44.81 dB	-4.81 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.70164 GHz	-26.80 dBm	-29.68 dB	-0.67 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.73159 GHz	-19.94 dBm	-22.81 dB	-0.27 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74417 GHz	-20.39 dBm	-23.27 dB	-6.60 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-20.65 dBm	-23.52 dB	-6.85 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.84711 GHz	-22.57 dBm	-25.44 dB	-1.11 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.86804 GHz	-27.16 dBm	-30.04 dB	-1.12 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.90516 GHz	-42.48 dBm	-45.35 dB	-5.35 dB

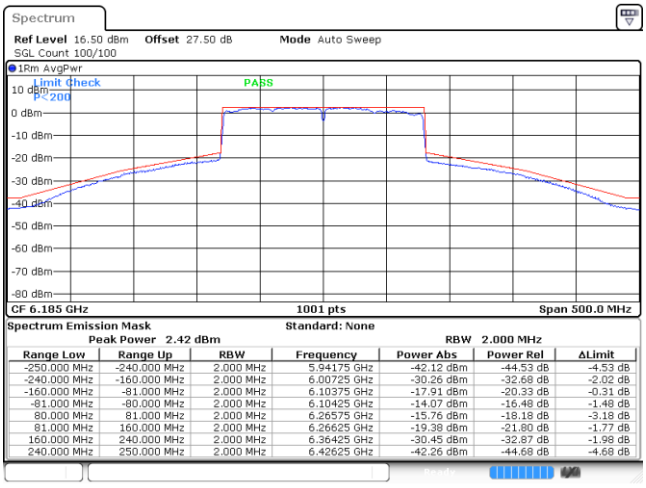
Date: 8.NOV.2022 13:49:35

EUT Mode :	802.11ax HE160 Full RU

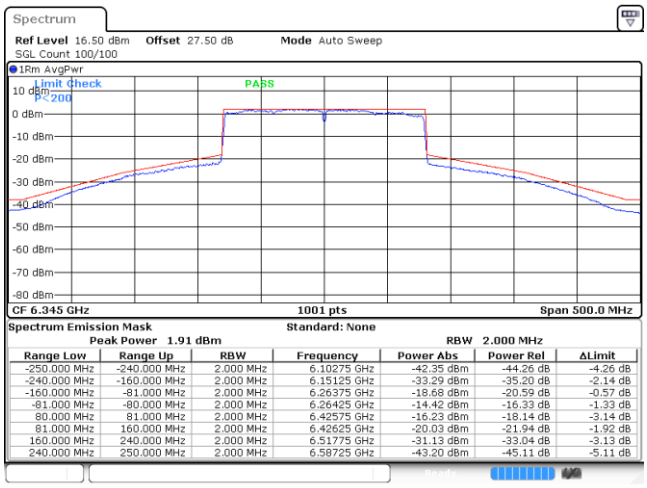
Plot on Channel 6025MHz



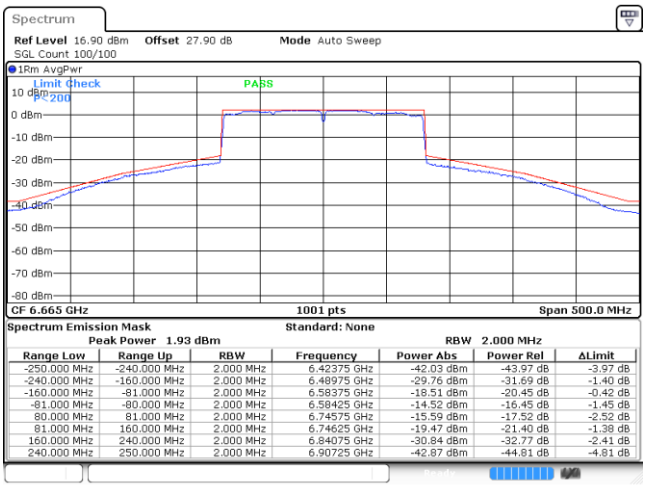
Plot on Channel 6185MHz



Plot on Channel 6345MHz



Plot on Channel 6665MHz



3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

where:

$BWEUT$: 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

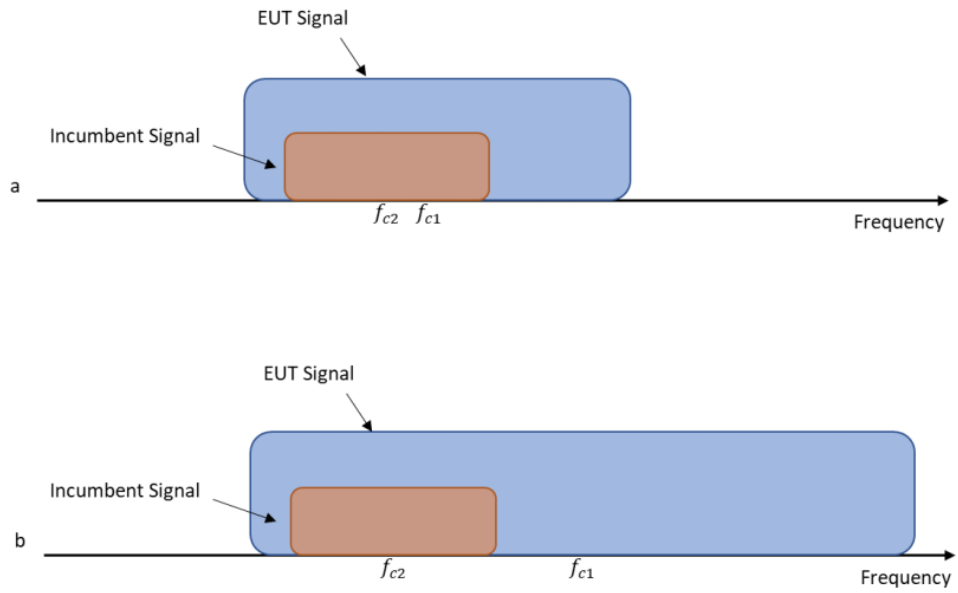


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

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

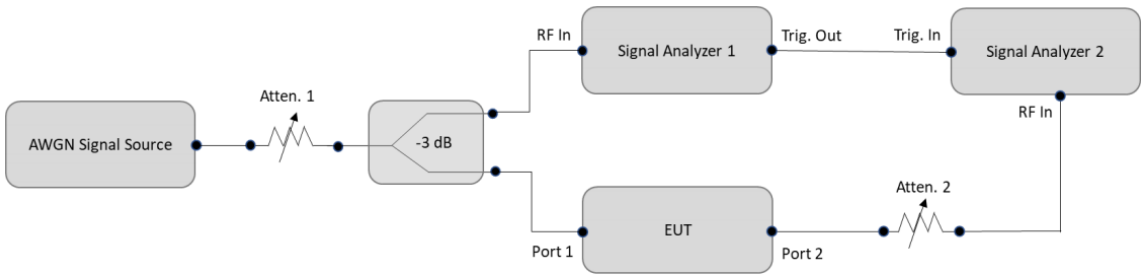


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

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 Test Summary of Contention Based Protocol Test

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	-66.73	100	-62	-64.23	2.23
					Result: Stop Transmission			
				-70.73	< 90	-62	-68.23	6.23
					Result: Minimal Operation			
				-71.73	0	-62	-69.23	7.23
					Result: Normal Operation			
	6185	160	6110	-71.11	100	-62	-68.61	6.61
					Result: Stop Transmission			
				-75.11	< 90	-62	-72.61	10.61
					Result: Minimal Operation			
				-76.11	0	-62	-73.61	11.61
					Result: Normal Operation			
			6185	-71.45	100	-62	-68.95	6.95
					Result: Stop Transmission			
				-75.45	< 90	-62	-72.95	10.95
					Result: Minimal Operation			
				-76.45	0	-62	-73.95	11.95
					Result: Normal Operation			
			6260	-69.61	100	-62	-67.11	5.11
					Result: Stop Transmission			
				-73.61	< 90	-62	-71.11	9.11
					Result: Minimal Operation			
				-74.61	0	-62	-72.11	10.11
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain -2.5 dBi.

Note 2: Path Loss is negligible. (0 dB)

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

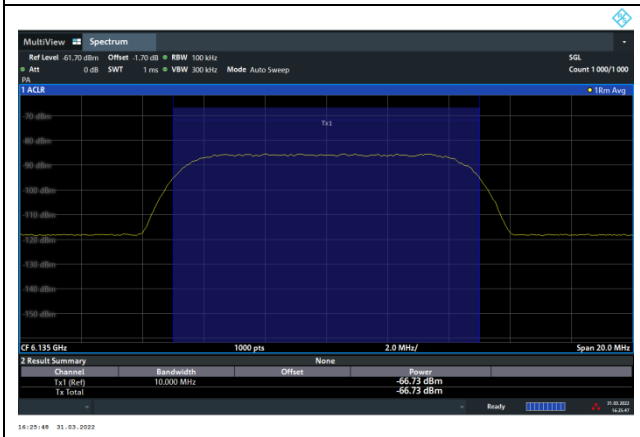
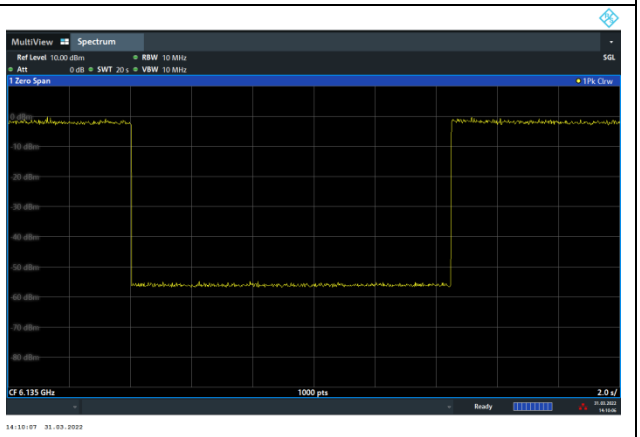
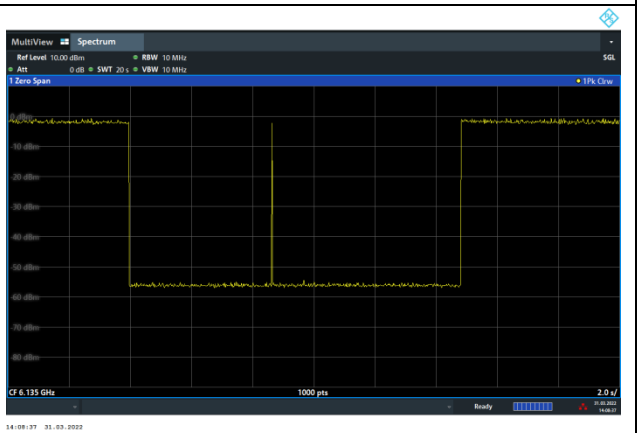
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 7	6695	20	6695	-65.89	100	-62	-63.09	1.09
					Result: Stop Transmission			
				-69.89	< 90	-62	-67.09	5.09
					Result: Minimal Operation			
				-70.89	0	-62	-68.09	6.09
					Result: Normal Operation			
	6665	160	6590	-71.01	100	-62	-68.21	6.21
					Result: Stop Transmission			
				-75.01	< 90	-62	-72.21	10.21
					Result: Minimal Operation			
				-76.01	0	-62	-73.21	11.21
					Result: Normal Operation			
			6665	-69.89	100	-62	-67.09	5.09
					Result: Stop Transmission			
				-73.89	< 90	-62	-71.09	9.09
					Result: Minimal Operation			
				-74.89	0	-62	-72.09	10.09
					Result: Normal Operation			
			6740	-70.76	100	-62	-67.96	5.96
					Result: Stop Transmission			
				-74.76	< 90	-62	-71.96	9.96
					Result: Minimal Operation			
				-75.76	0	-62	-72.96	10.96
					Result: Normal Operation			

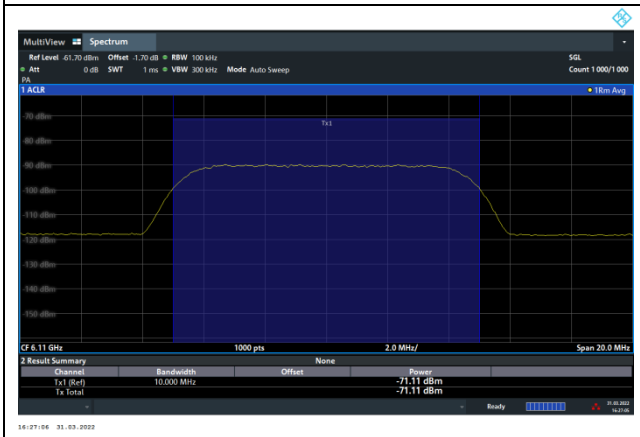
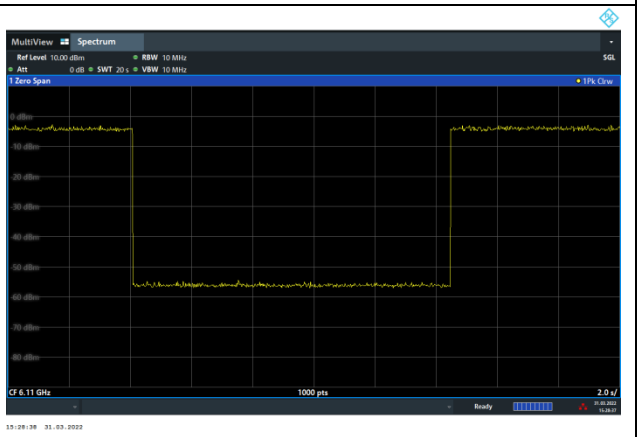
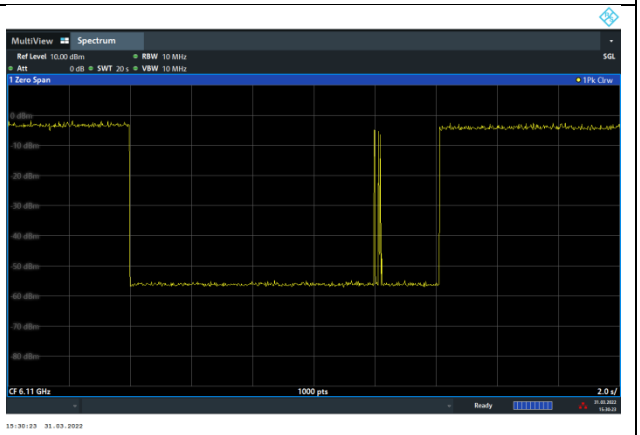
Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain -2.8 dBi.

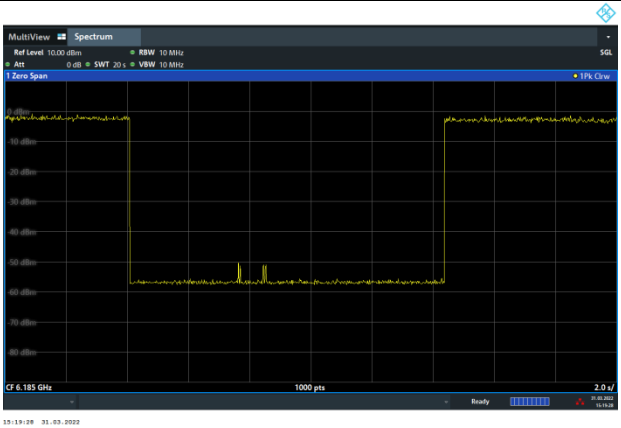
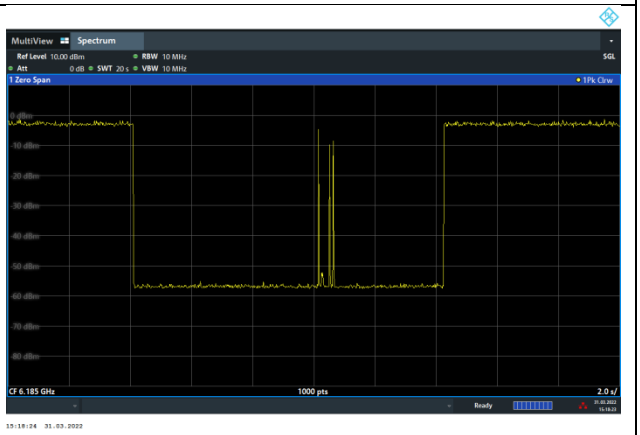
Note 2: Path Loss is negligible. (0 dB)

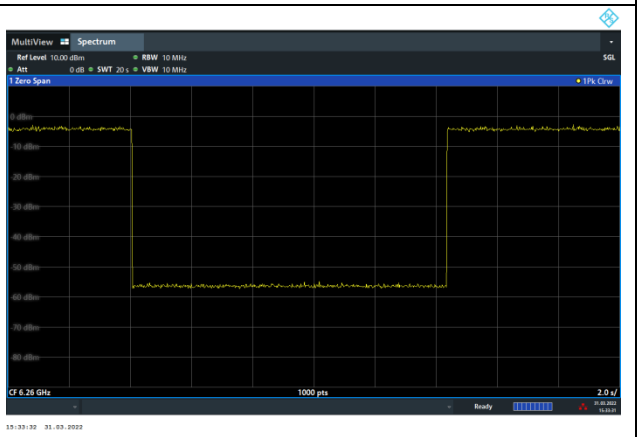
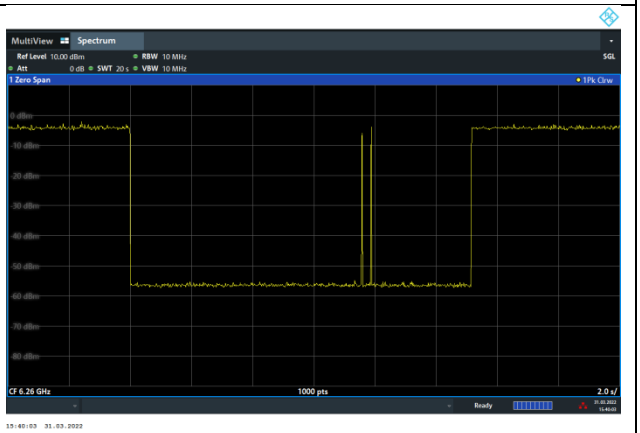
Note 3: Margin = Regulated Threshold level - Adjusted Power.

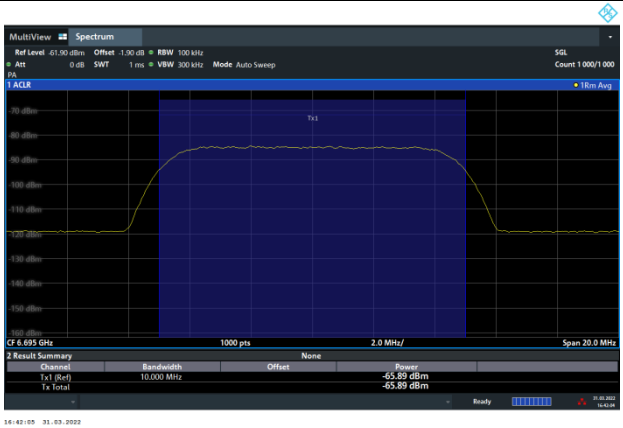
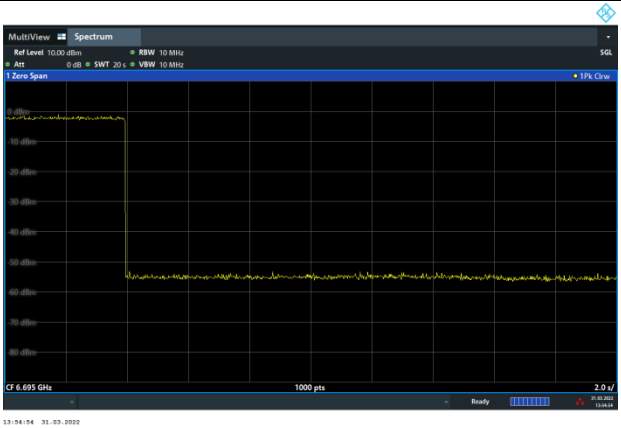
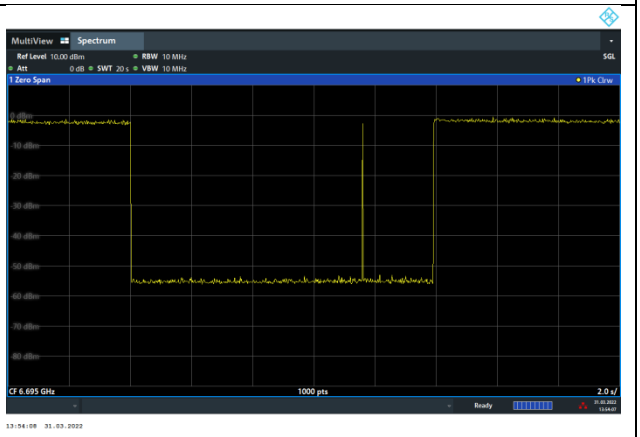
3.5.7 Test Plots of Contention Based Protocol Test

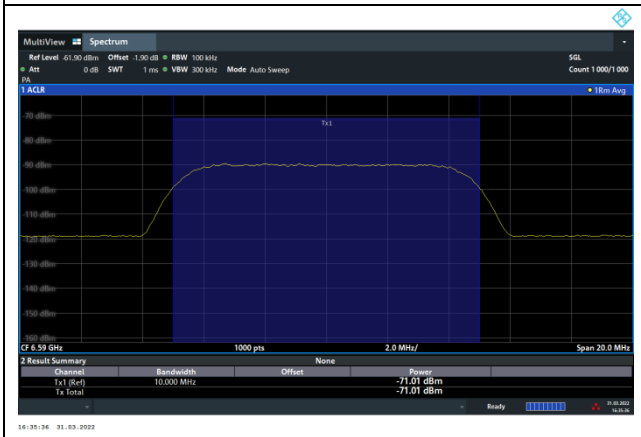
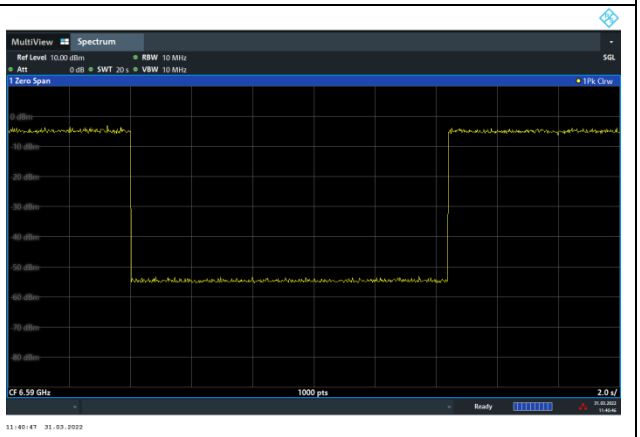
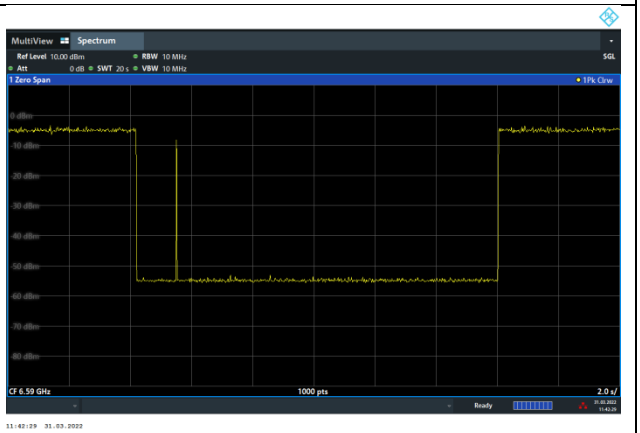
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -66.73dBm	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -67.73dBm	802.11ax (HE20) / CH37 Transmit when the interferer is 1dB lower.
	

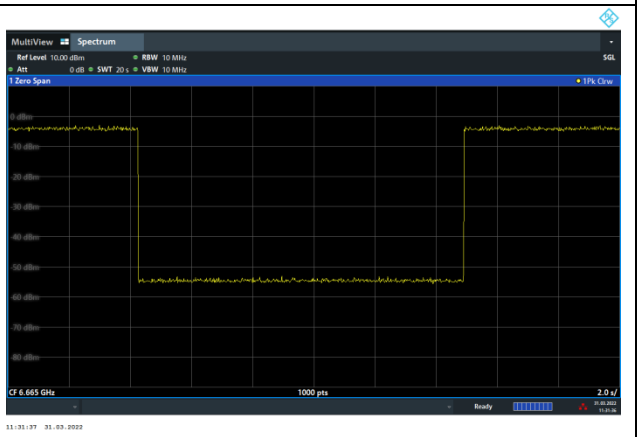
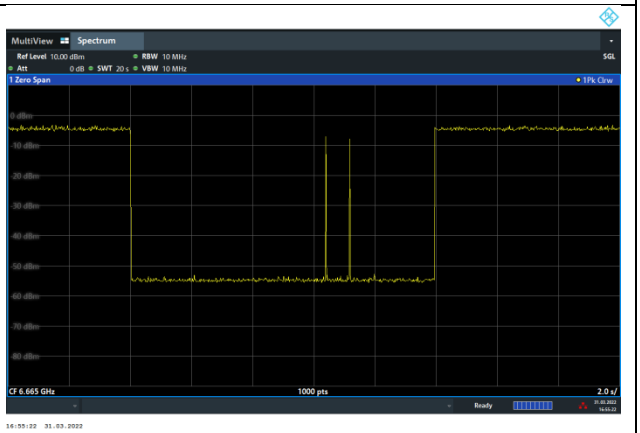
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -71.11dBm	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -72.11dBm	802.11ax (HE160) / CH47 (Lower edge) Transmit when the interferer is 1dB lower.
	

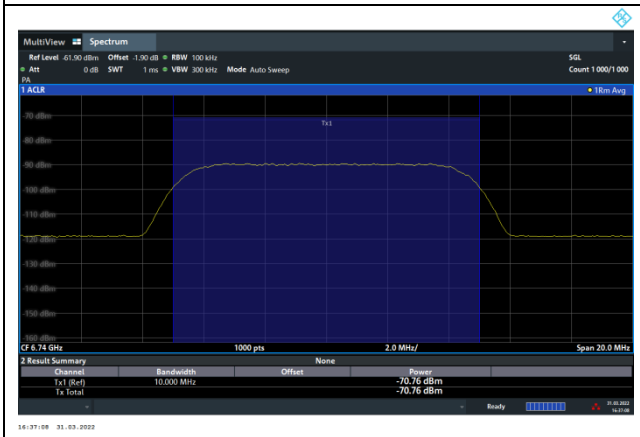
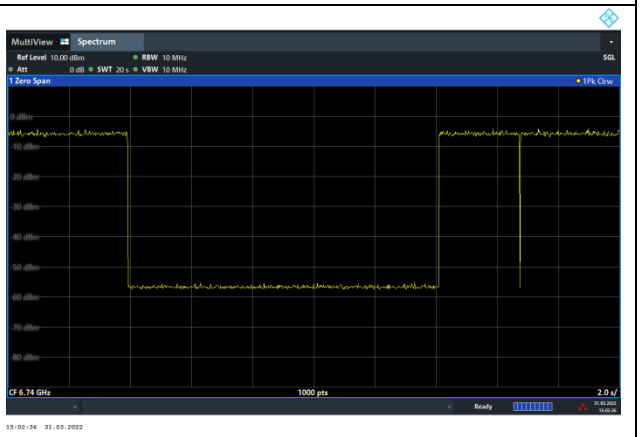
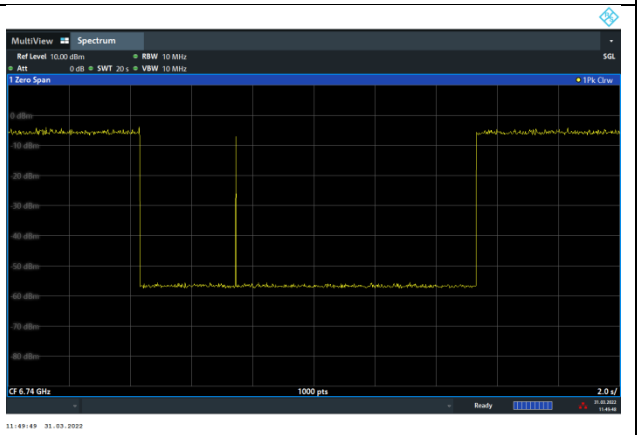
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -71.45dBm	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -72.45dBm	802.11ax (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) = -69.61dBm	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -70.61dBm	802.11ax (HE160) / CH47 (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) = -65.89dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -66.89dBm	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) = -71.01dBm	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -72.01dBm	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)	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -70.86dBm	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) = -70.76dBm	802.11ax (HE160) / CH143 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -71.76dBm	802.11ax (HE160) / CH143 (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

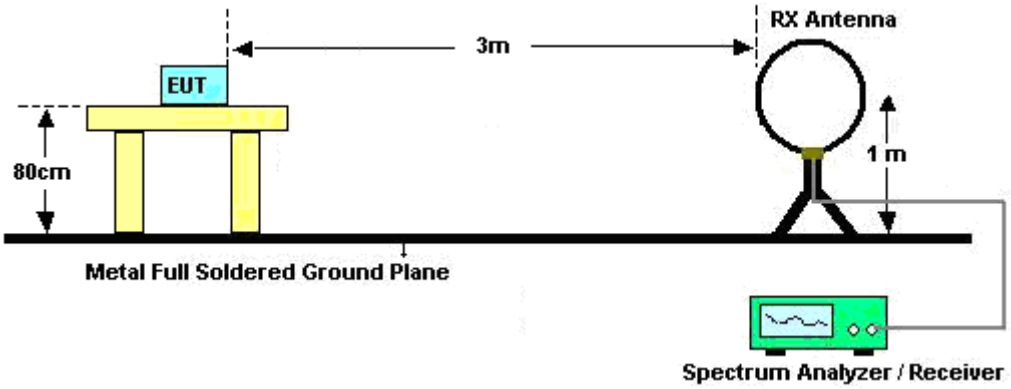
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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 "-".

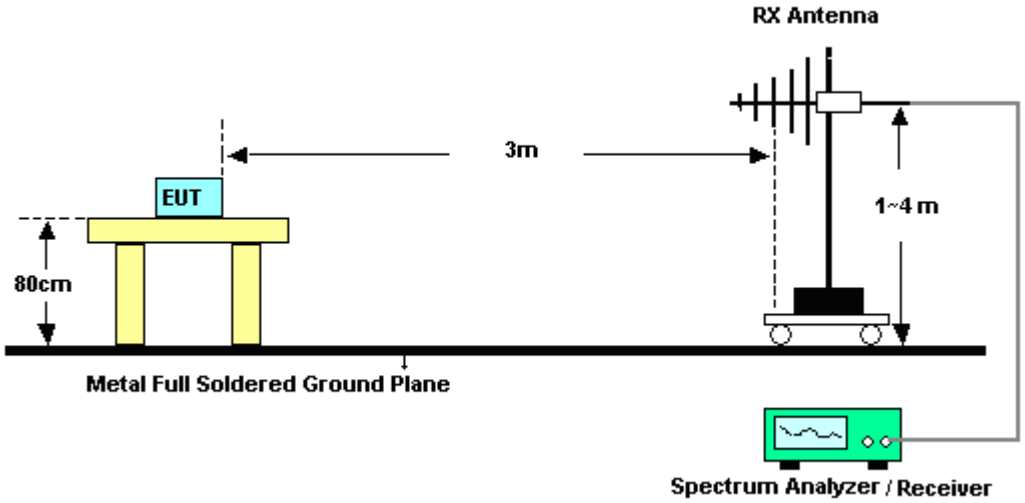
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

3.6.4 Test Setup

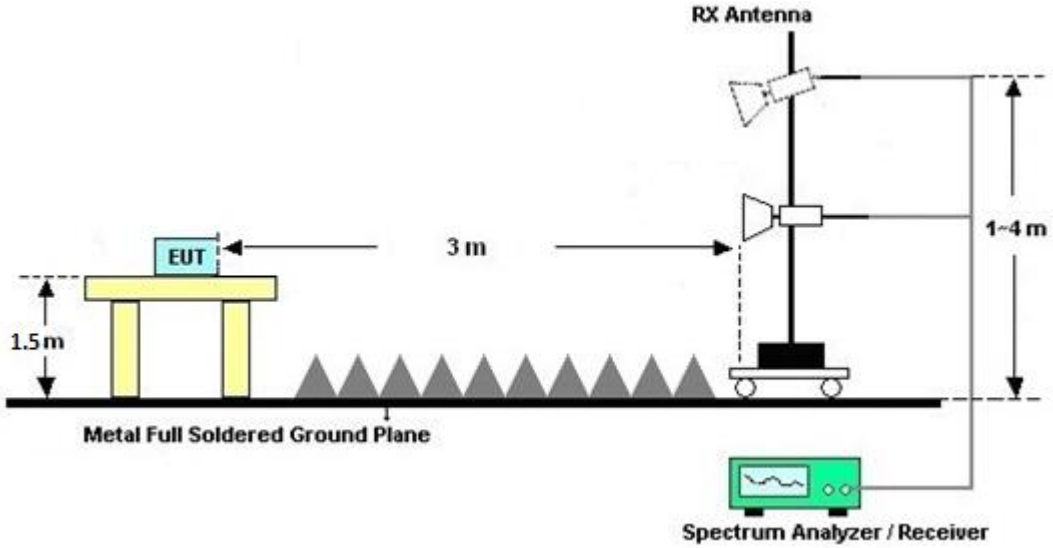
For radiated emissions below 30MHz



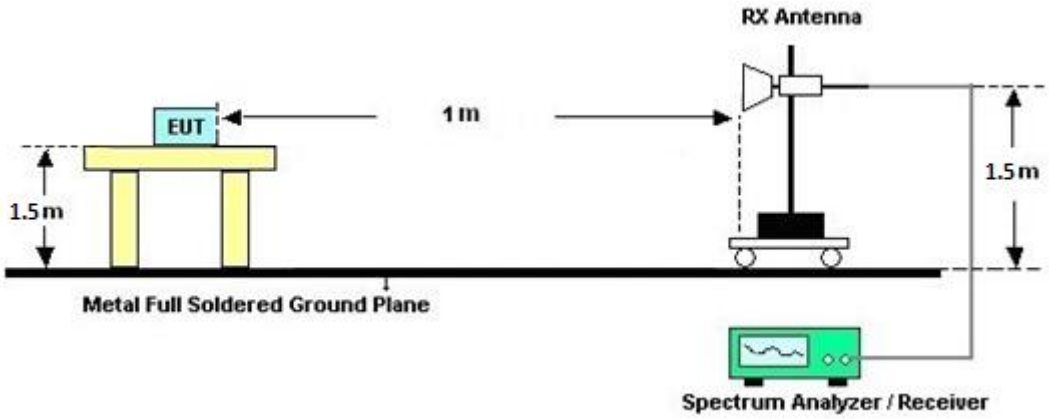
For radiated emissions from 30MHz to 1GHz



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.

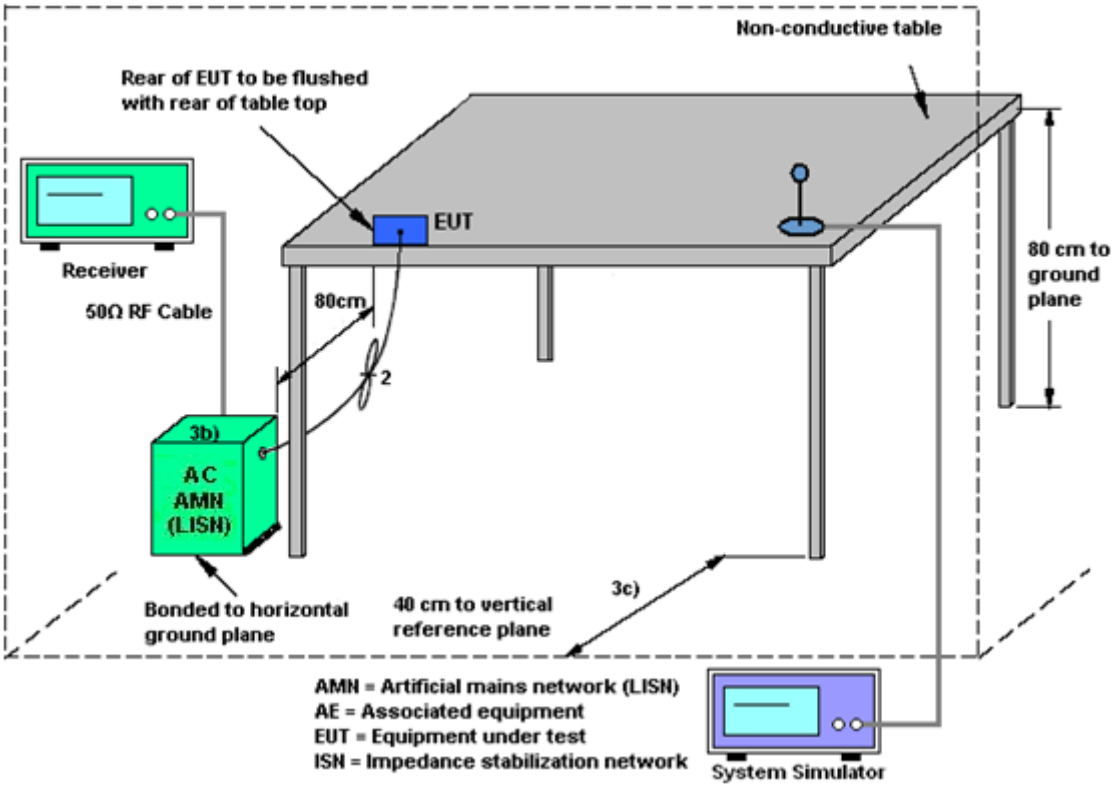
3.7.2 Measuring Instruments

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



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	Oct. 27, 2022~ Nov. 14, 2022	Sep. 19, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Oct. 27, 2022~ Nov. 14, 2022	Jun. 27, 2023	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Oct. 27, 2022~ Nov. 14, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 10, 2022	Oct. 27, 2022~ Nov. 14, 2022	Mar. 09, 2023	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 08, 2022	Oct. 27, 2022~ Nov. 14, 2022	Oct. 07, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2021	Oct. 27, 2022~ Nov. 14, 2022	Dec. 14, 2022	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 07, 2022	Oct. 27, 2022~ Nov. 14, 2022	Mar. 06, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	827935/4	N/A	Aug. 09, 2022	Oct. 27, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	802434/4	N/A	Aug. 09, 2022	Oct. 27, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	N/A	Aug. 09, 2022	Oct. 27, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 04, 2022	Oct. 27, 2022~ Nov. 14, 2022	Jul. 03, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 27, 2021	Oct. 27, 2022~ Nov. 14, 2022	Dec. 26, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Oct. 27, 2022~ Nov. 14, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 27, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 27, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 27, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Oct. 27, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Nov. 07, 2022~ Nov. 14, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200735	N/A	Mar. 22, 2022	Dec. 06, 2022~ Dec. 07, 2022	Mar. 21, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W #010	RPR6W-2101 002(NO:123)	10MHz~8GHz	Jan. 13, 2022	Nov. 07, 2022~ Dec. 07, 2022	Jan. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Nov. 07, 2022~ Dec. 07, 2022	Aug. 02, 2023	Conducted (TH05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 20, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 20, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 20, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 20, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 20, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Apr. 20, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 20, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 13, 2022	Mar. 31, 2022	Jan. 12, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Mar. 31, 2022	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Mar. 31, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	Mar. 31, 2022	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	Mar. 31, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Mar. 31, 2022	Calibration from System	CBP (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.6 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.6 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eric Wu	Temperature:	21~25	°C
Test Date:	2022/11/07~2022/12/07	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	001	5955	20.28	19.33	37.55	35.70	320.00	Pass
11a	6Mbps	2	049	6195	18.88	19.63	34.35	37.10	320.00	Pass
11a	6Mbps	2	093	6415	17.83	18.13	30.80	32.60	320.00	Pass

Report Number : FR1O2843-17

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	001	5955	22.10	21.90	25.01	-1.10		23.91	30.00	Pass
11a	6Mbps	2	049	6195	21.60	22.30	24.97	-1.10		23.87	30.00	Pass
11a	6Mbps	2	093	6415	21.60	22.30	24.97	-1.10		23.87	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	001	5955	0.29	0.29			12.19	1.24		13.43	17.00	Pass
11a	6Mbps	2	049	6195	0.29	0.29			11.99	1.24		13.23	17.00	Pass
11a	6Mbps	2	093	6415	0.29	0.29			10.77	1.24		12.01	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	001	5955	Full	19.78	19.58	35.10	37.40	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.48	19.63	34.40	37.75	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.48	19.68	38.60	41.20	320.00	Pass
HE40	MCS0	2	003	5965	Full	38.36	38.16	57.96	59.13	320.00	Pass
HE40	MCS0	2	051	6205	Full	38.46	38.76	72.72	77.22	320.00	Pass
HE40	MCS0	2	091	6405	Full	38.36	38.86	60.93	77.22	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.20	77.20	107.36	141.12	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.44	77.68	127.68	147.20	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.44	77.56	128.64	136.96	320.00	Pass
HE160	MCS0	2	015	6025	Full	156.80	156.80	165.76	202.24	320.00	Pass
HE160	MCS0	2	047	6185	Full	157.28	157.28	279.04	289.60	320.00	Pass
HE160	MCS0	2	079	6345	Full	157.04	157.28	256.32	288.64	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	22.00	21.90	24.96	-1.10		23.86	30.00	Pass
HE20	MCS0	2	001	5955	26/0	12.20	11.30	14.78	-1.10		13.68	30.00	Pass
HE20	MCS0	2	001	5955	52/37	14.40	14.20	17.31	-1.10		16.21	30.00	Pass
HE20	MCS0	2	001	5955	106/53	17.10	16.70	19.91	-1.10		18.81	30.00	Pass
HE20	MCS0	2	049	6195	Full	21.30	21.40	24.36	-1.10		23.26	30.00	Pass
HE20	MCS0	2	049	6195	26/4	12.30	12.60	15.46	-1.10		14.36	30.00	Pass
HE20	MCS0	2	049	6195	52/38	14.50	14.90	17.71	-1.10		16.61	30.00	Pass
HE20	MCS0	2	049	6195	106/53	16.90	17.60	20.27	-1.10		19.17	30.00	Pass
HE20	MCS0	2	093	6415	Full	20.90	21.30	24.11	-1.10		23.01	30.00	Pass
HE20	MCS0	2	093	6415	26/8	11.40	11.50	14.46	-1.10		13.36	30.00	Pass
HE20	MCS0	2	093	6415	52/40	14.50	14.90	17.71	-1.10		16.61	30.00	Pass
HE20	MCS0	2	093	6415	106/54	16.60	17.10	19.87	-1.10		18.77	30.00	Pass
HE40	MCS0	2	003	5965	Full	20.40	20.00	23.21	-1.10		22.11	30.00	Pass
HE40	MCS0	2	051	6205	Full	20.70	21.10	23.91	-1.10		22.81	30.00	Pass
HE40	MCS0	2	091	6405	Full	20.50	20.90	23.71	-1.10		22.61	30.00	Pass
HE80	MCS0	2	007	5985	Full	20.10	19.70	22.91	-1.10		21.81	30.00	Pass
HE80	MCS0	2	055	6225	Full	21.10	21.30	24.21	-1.10		23.11	30.00	Pass
HE80	MCS0	2	087	6385	Full	20.70	21.10	23.91	-1.10		22.81	30.00	Pass
HE160	MCS0	2	015	6025	Full	19.50	19.20	22.36	-1.10		21.26	30.00	Pass
HE160	MCS0	2	047	6185	Full	20.70	20.70	23.71	-1.10		22.61	30.00	Pass
HE160	MCS0	2	079	6345	Full	20.20	21.10	23.68	-1.10		22.58	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	001	5955	Full	0.21	0.21			11.40	1.24		12.63	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.49	0.49			10.88	1.24		12.12	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.52	0.52			11.06	1.24		12.30	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.60	0.58			10.65	1.24		11.89	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.21	0.21			11.72	1.24		12.96	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.49	0.49			11.24	1.24		12.47	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.52	0.52			11.64	1.24		12.88	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.60	0.58			11.12	1.24		12.36	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.21	0.21			11.21	1.24		12.45	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.49	0.49			11.00	1.24		12.24	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.52	0.52			11.03	1.24		12.27	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.60	0.58			10.85	1.24		12.09	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.37	0.37			7.66	1.24		8.89	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.37	0.37			8.73	1.24		9.97	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.37	0.37			8.30	1.24		9.54	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.70	0.70			4.83	1.24		6.07	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.70	0.70			6.22	1.24		7.45	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.70	0.70			5.80	1.24		7.04	17.00	Pass
HE160	MCS0	2	015	6025	Full	0.70	0.70			1.66	1.24		2.90	17.00	Pass
HE160	MCS0	2	047	6185	Full	0.70	0.70			3.23	1.24		4.46	17.00	Pass
HE160	MCS0	2	079	6345	Full	0.70	0.70			2.51	1.24		3.75	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	117	6535	19.08	18.38	35.60	34.35	320.00	Pass
11a	6Mbps	2	149	6695	18.63	18.28	34.05	33.15	320.00	Pass
11a	6Mbps	2	181	6855	18.18	17.83	31.10	32.75	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	117	6535	19.90	20.30	23.11	0.70		23.81	30.00	Pass
11a	6Mbps	2	149	6695	20.10	20.40	23.26	0.70		23.96	30.00	Pass
11a	6Mbps	2	181	6855	20.00	20.40	23.21	0.70		23.91	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
11a	6Mbps	2	117	6535	0.29	0.29			11.46	2.14		13.59	17.00	Pass
11a	6Mbps	2	149	6695	0.29	0.29			10.99	2.14		13.13	17.00	Pass
11a	6Mbps	2	181	6855	0.29	0.29			10.22	2.14		12.35	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	117	6535	Full	19.68	19.63	41.35	37.95	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.78	19.73	43.55	40.95	320.00	Pass
HE20	MCS0	2	181	6855	Full	19.73	19.63	40.50	33.25	320.00	Pass
HE40	MCS0	2	123	6565	Full	38.66	38.46	77.58	74.70	320.00	Pass
HE40	MCS0	2	147	6685	Full	38.96	38.56	77.58	62.37	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.56	38.46	71.10	61.20	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.68	77.56	139.04	156.48	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.56	77.32	134.56	148.64	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.68	77.80	144.48	142.40	320.00	Pass
HE160	MCS0	2	143	6665	Full	157.76	157.52	296.00	295.36	320.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	19.80	20.10	22.96	0.70		23.66	30.00	Pass
HE20	MCS0	2	117	6535	26/0	12.50	11.60	15.08	0.70		15.78	30.00	Pass
HE20	MCS0	2	117	6535	52/37	14.60	14.00	17.32	0.70		18.02	30.00	Pass
HE20	MCS0	2	117	6535	106/53	17.40	17.00	20.21	0.70		20.91	30.00	Pass
HE20	MCS0	2	149	6695	Full	19.60	20.30	22.97	0.70		23.67	30.00	Pass
HE20	MCS0	2	149	6695	26/4	12.80	12.10	15.47	0.70		16.17	30.00	Pass
HE20	MCS0	2	149	6695	52/38	14.90	14.40	17.67	0.70		18.37	30.00	Pass
HE20	MCS0	2	149	6695	106/53	17.20	17.10	20.16	0.70		20.86	30.00	Pass
HE20	MCS0	2	181	6855	Full	20.20	20.30	23.26	0.70		23.96	30.00	Pass
HE20	MCS0	2	181	6855	26/8	11.30	11.10	14.21	0.70		14.91	30.00	Pass
HE20	MCS0	2	181	6855	52/40	13.80	13.90	16.86	0.70		17.56	30.00	Pass
HE20	MCS0	2	181	6855	106/54	16.60	16.80	19.71	0.70		20.41	30.00	Pass
HE40	MCS0	2	123	6565	Full	20.60	19.90	23.27	0.70		23.97	30.00	Pass
HE40	MCS0	2	147	6685	Full	20.10	19.80	22.96	0.70		23.66	30.00	Pass
HE40	MCS0	2	179	6845	Full	19.90	19.90	22.91	0.70		23.61	30.00	Pass
HE80	MCS0	2	135	6625	Full	19.90	20.30	23.11	0.70		23.81	30.00	Pass
HE80	MCS0	2	151	6705	Full	19.80	20.30	23.07	0.70		23.77	30.00	Pass
HE80	MCS0	2	167	6785	Full	20.00	20.50	23.27	0.70		23.97	30.00	Pass
HE160	MCS0	2	143	6665	Full	20.20	20.30	23.26	0.70		23.96	30.00	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 4	Ant 3	Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	117	6535	Full	0.21	0.21			11.11	2.14		13.25	17.00	Pass
HE20	MCS0	2	117	6535	26/0	0.49	0.49			10.59	2.14		12.72	17.00	Pass
HE20	MCS0	2	117	6535	52/37	0.52	0.52			10.69	2.14		12.82	17.00	Pass
HE20	MCS0	2	117	6535	106/53	0.60	0.58			10.80	2.14		12.94	17.00	Pass
HE20	MCS0	2	149	6695	Full	0.21	0.21			11.17	2.14		13.31	17.00	Pass
HE20	MCS0	2	149	6695	26/4	0.49	0.49			11.06	2.14		13.19	17.00	Pass
HE20	MCS0	2	149	6695	52/38	0.52	0.52			11.06	2.14		13.19	17.00	Pass
HE20	MCS0	2	149	6695	106/53	0.60	0.58			11.01	2.14		13.14	17.00	Pass
HE20	MCS0	2	181	6855	Full	0.21	0.21			10.80	2.14		12.94	17.00	Pass
HE20	MCS0	2	181	6855	26/8	0.49	0.49			10.37	2.14		12.50	17.00	Pass
HE20	MCS0	2	181	6855	52/40	0.52	0.52			10.48	2.14		12.61	17.00	Pass
HE20	MCS0	2	181	6855	106/54	0.60	0.58			10.34	2.14		12.48	17.00	Pass
HE40	MCS0	2	123	6565	Full	0.37	0.37			8.34	2.14		10.48	17.00	Pass
HE40	MCS0	2	147	6685	Full	0.37	0.37			8.42	2.14		10.55	17.00	Pass
HE40	MCS0	2	179	6845	Full	0.37	0.37			7.99	2.14		10.12	17.00	Pass
HE80	MCS0	2	135	6625	Full	0.70	0.70			6.09	2.14		8.22	17.00	Pass
HE80	MCS0	2	151	6705	Full	0.70	0.70			5.30	2.14		7.44	17.00	Pass
HE80	MCS0	2	167	6785	Full	0.70	0.70			5.58	2.14		7.72	17.00	Pass
HE160	MCS0	2	143	6665	Full	0.70	0.70			3.17	2.14		5.31	17.00	Pass

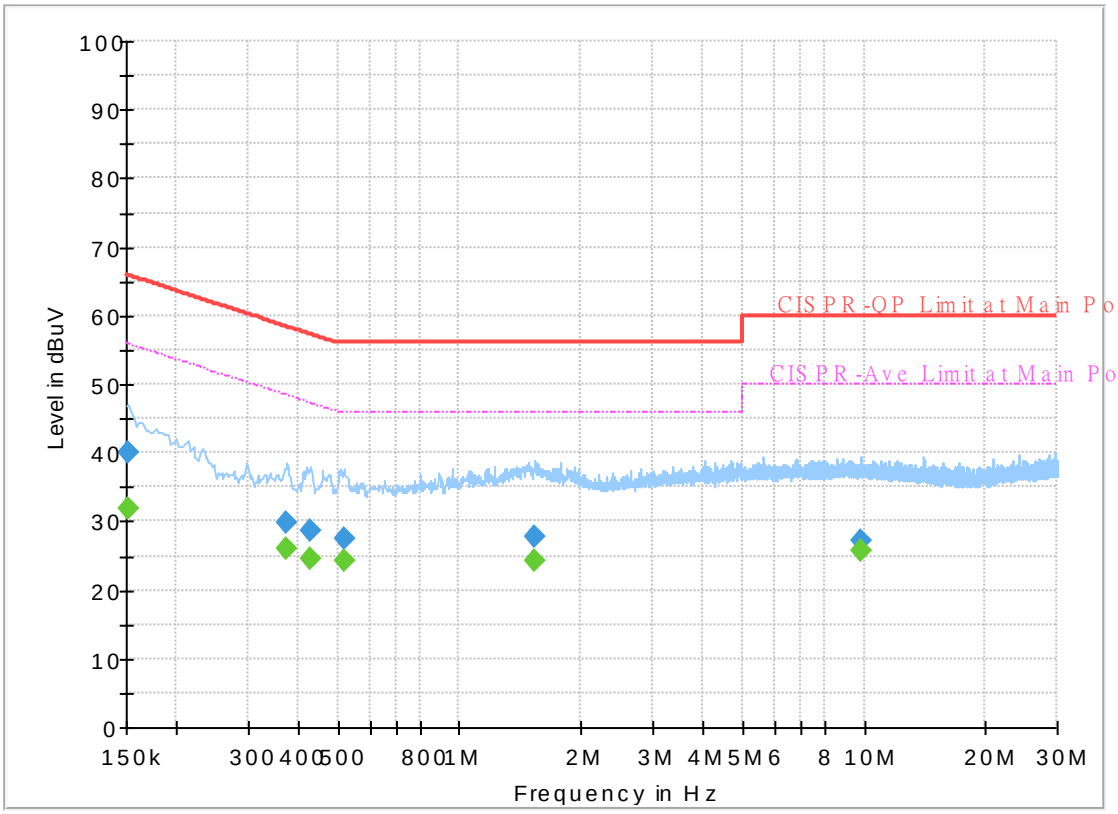
Appendix B. AC Conducted Emission Test Results

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

EUT Information

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

Full Spectrum



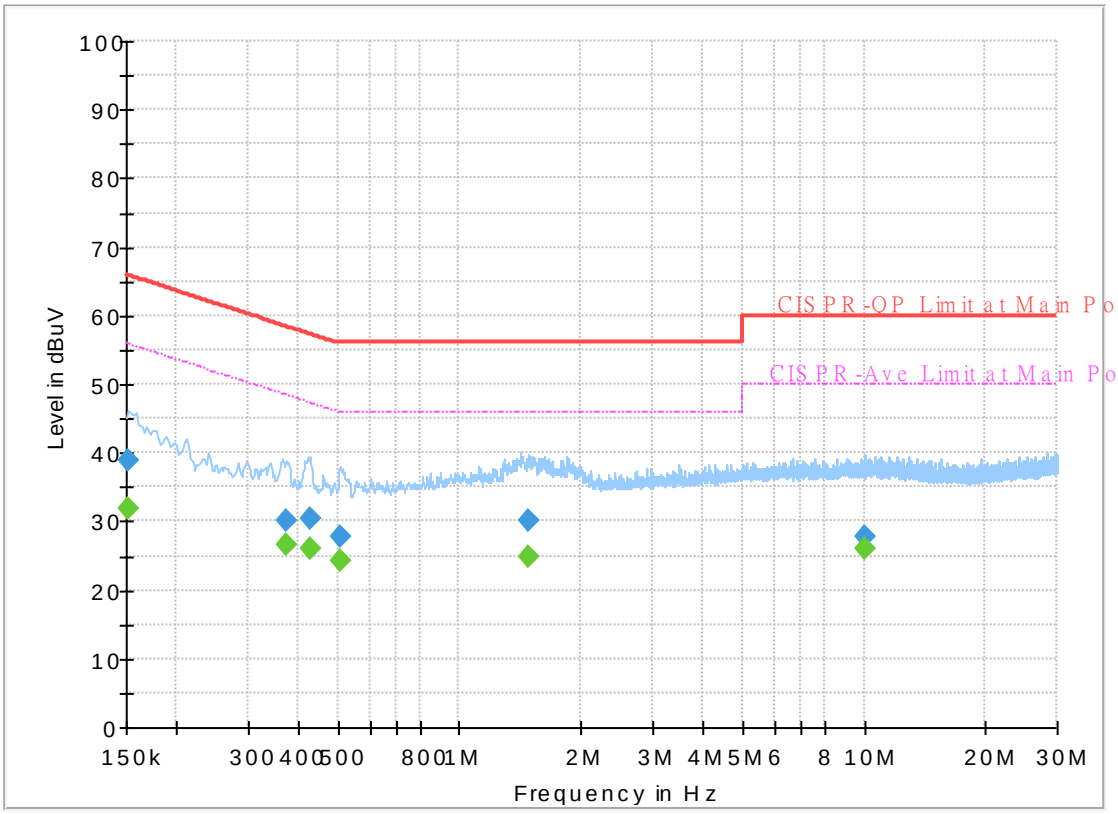
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.73	55.88	24.15	L1	OFF	19.6
0.152250	39.99	---	65.88	25.89	L1	OFF	19.6
0.375000	---	26.04	48.39	22.35	L1	OFF	19.6
0.375000	29.72	---	58.39	28.67	L1	OFF	19.6
0.429000	---	24.66	47.27	22.61	L1	OFF	19.6
0.429000	28.62	---	57.27	28.65	L1	OFF	19.6
0.516750	---	24.27	46.00	21.73	L1	OFF	19.6
0.516750	27.54	---	56.00	28.46	L1	OFF	19.6
1.536000	---	24.17	46.00	21.83	L1	OFF	19.7
1.536000	27.78	---	56.00	28.22	L1	OFF	19.7
9.840750	---	25.71	50.00	24.29	L1	OFF	20.1
9.840750	27.26	---	60.00	32.74	L1	OFF	20.1

EUT Information

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

Full Spectrum



Final_Result

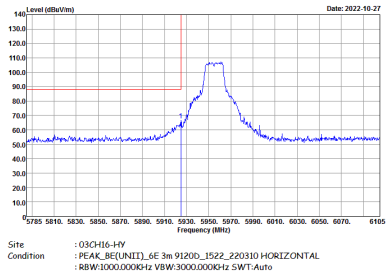
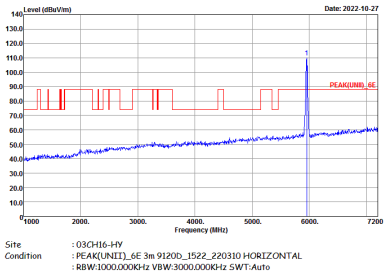
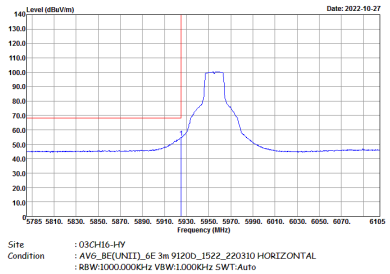
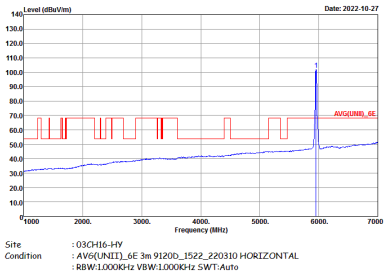
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.93	55.88	23.95	N	OFF	19.6
0.152250	39.03	---	65.88	26.85	N	OFF	19.6
0.372750	---	26.69	48.44	21.75	N	OFF	19.6
0.372750	30.24	---	58.44	28.20	N	OFF	19.6
0.426750	---	25.91	47.32	21.41	N	OFF	19.6
0.426750	30.45	---	57.32	26.87	N	OFF	19.6
0.507750	---	24.27	46.00	21.73	N	OFF	19.6
0.507750	27.73	---	56.00	28.27	N	OFF	19.6
1.484250	---	24.72	46.00	21.28	N	OFF	19.7
1.484250	29.97	---	56.00	26.03	N	OFF	19.7
10.059000	---	26.01	50.00	23.99	N	OFF	20.1
10.059000	27.66	---	60.00	32.34	N	OFF	20.1

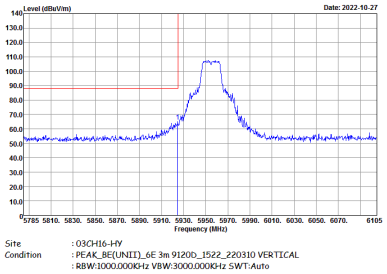
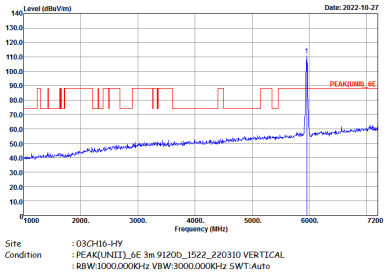
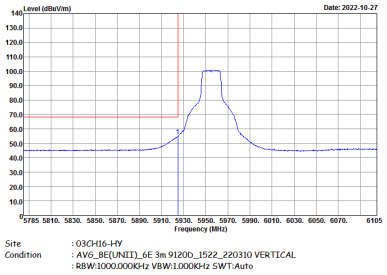
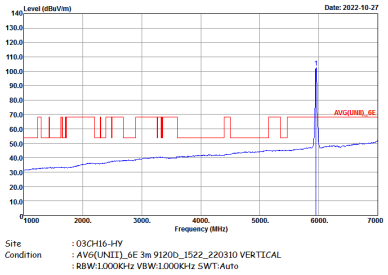
Appendix D. Radiated Spurious Emission Plots

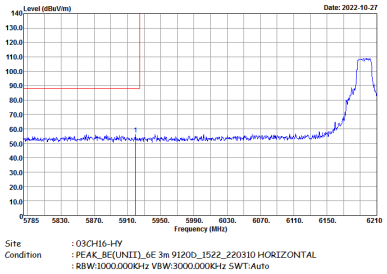
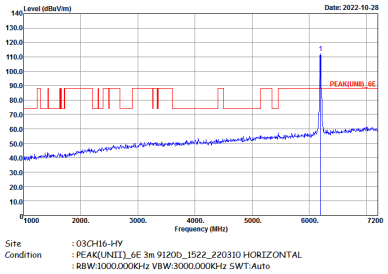
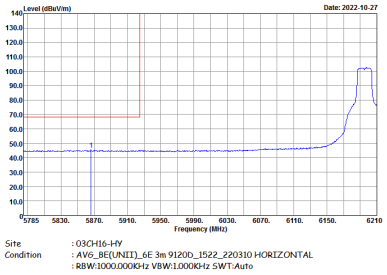
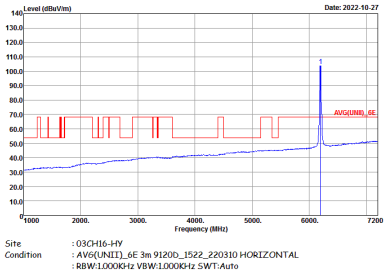
Test Engineer :	Karl Hou and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

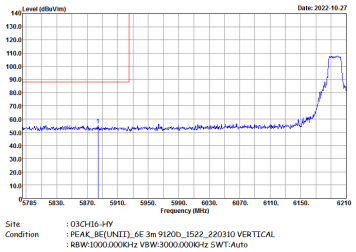
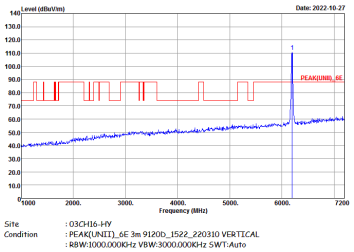
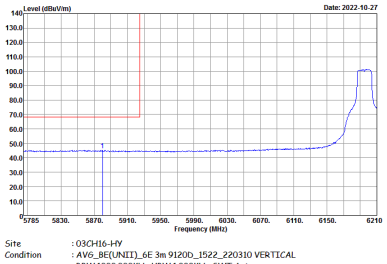
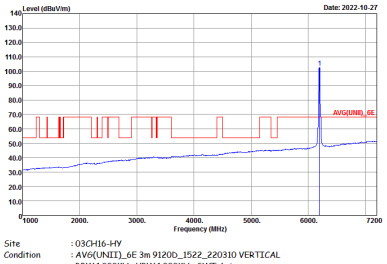
Band 5 - 5925~6425MHz

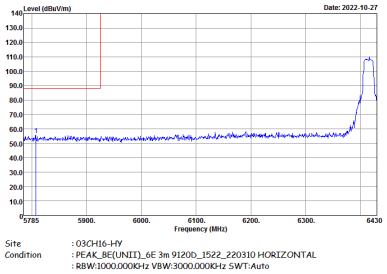
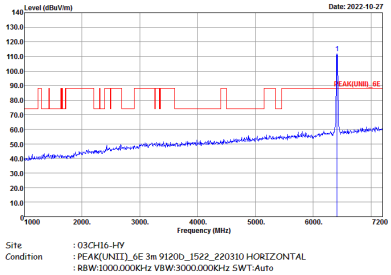
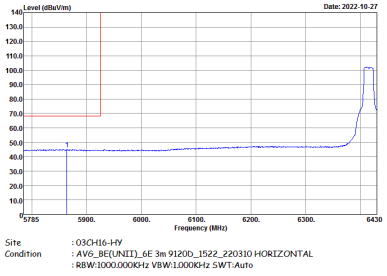
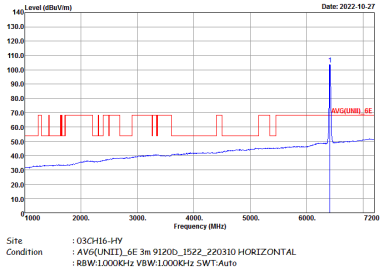
WIFI 802.11a (Band Edge @ 3m)

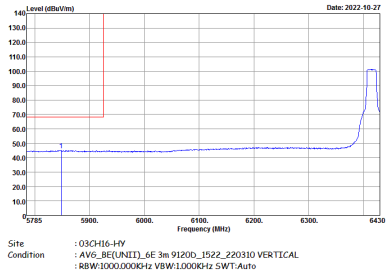
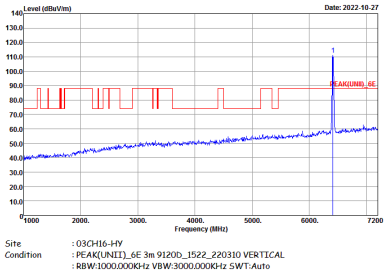
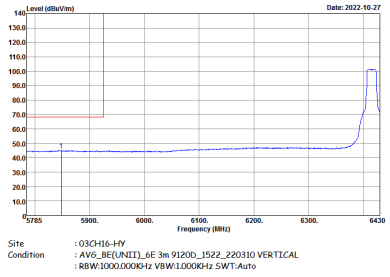
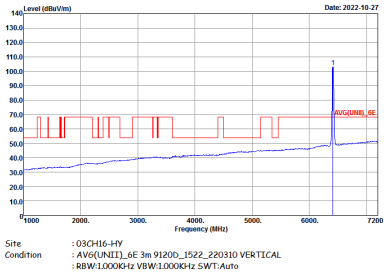
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Fundamental
Peak		
Avg		

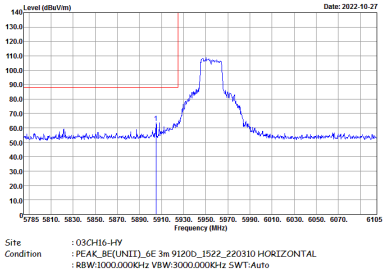
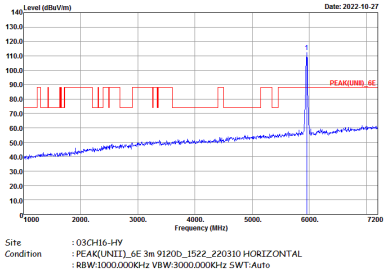
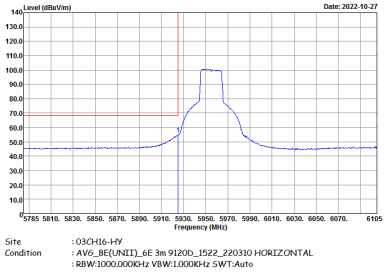
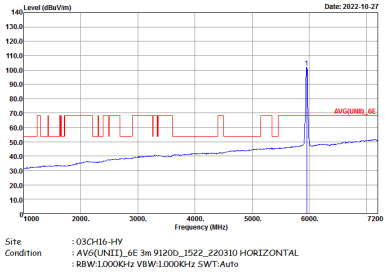
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

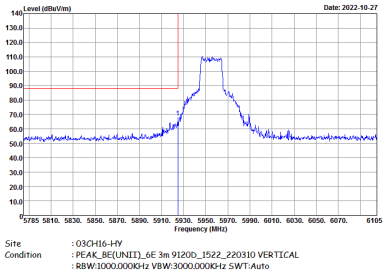
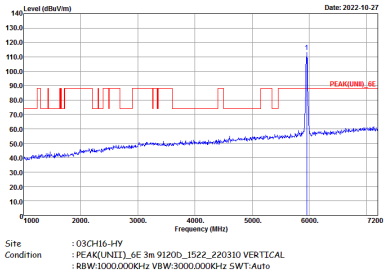
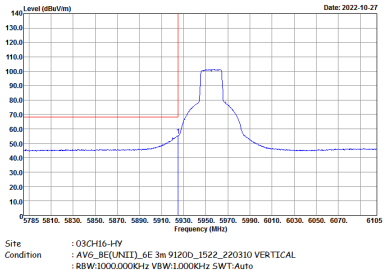
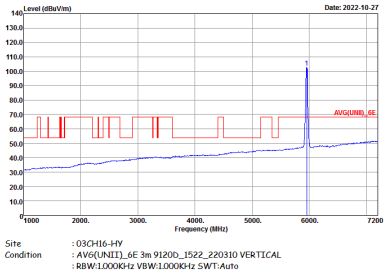
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Fundamental
Peak		
Avg		

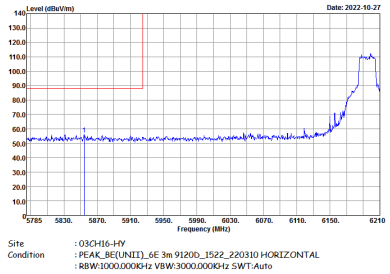
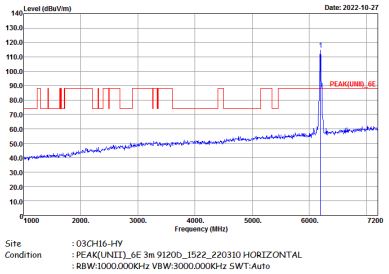
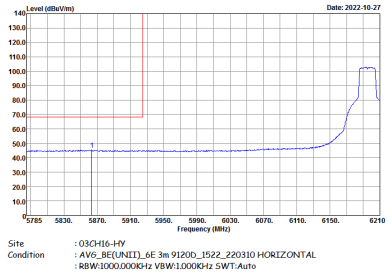
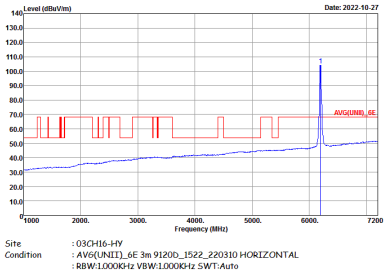
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

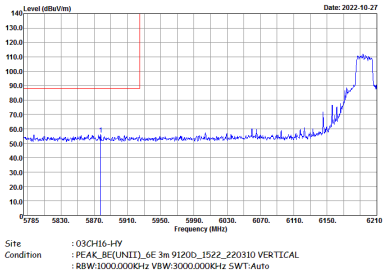
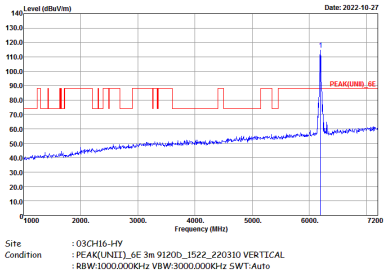
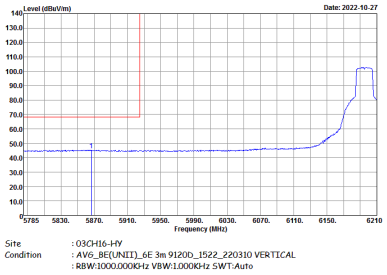
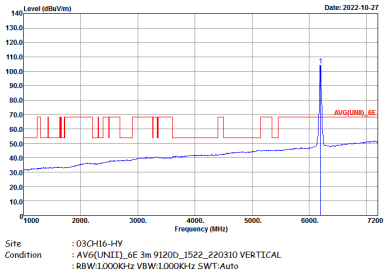
Band 5 5925~6425MHz

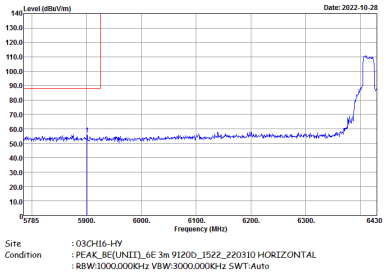
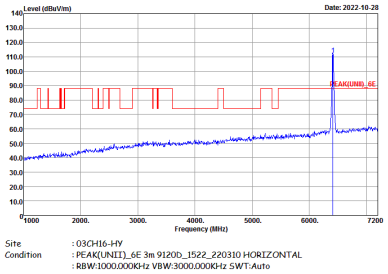
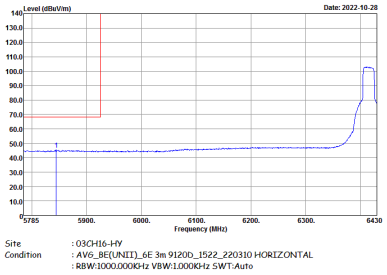
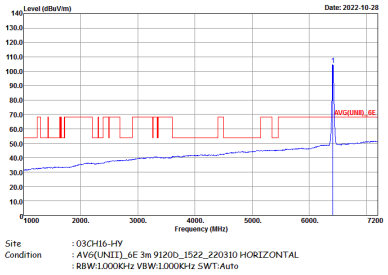
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

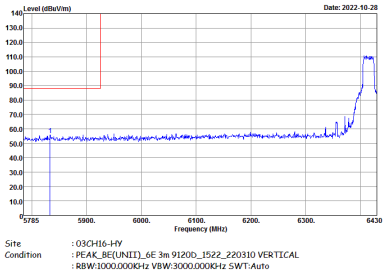
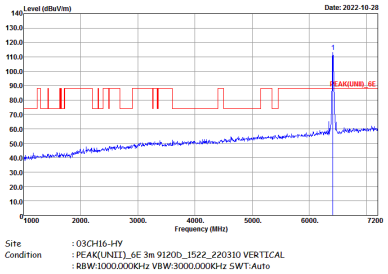
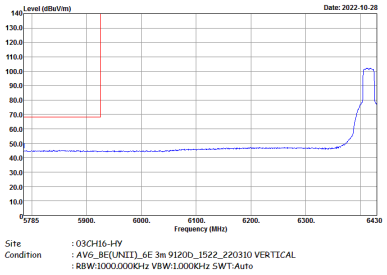
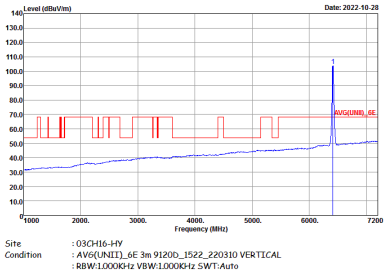
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH16-HY Condition : AV6_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1.000KHz VBW:1.000KHz SWT:Auto

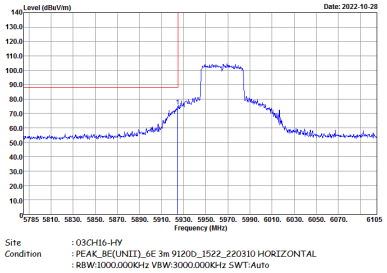
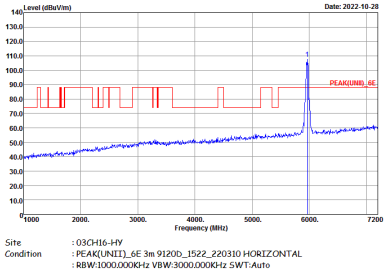
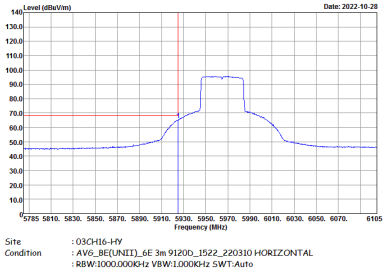
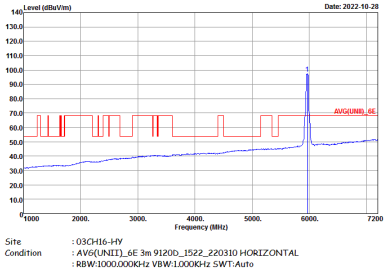
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

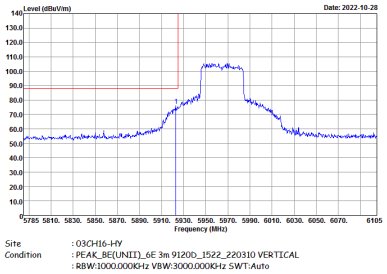
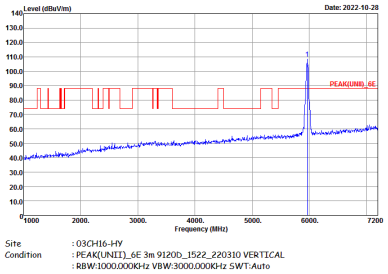
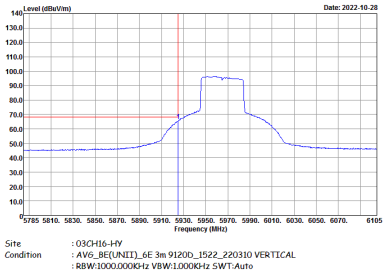
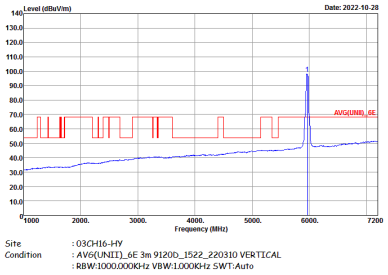
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Fundamental
Peak		
Avg		

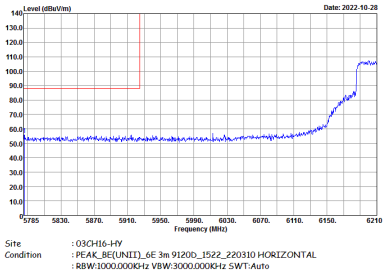
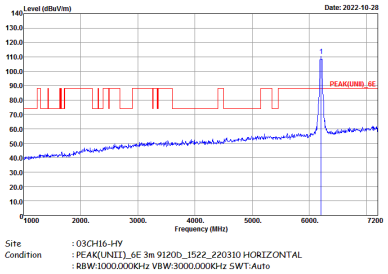
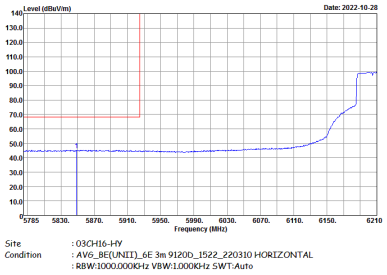
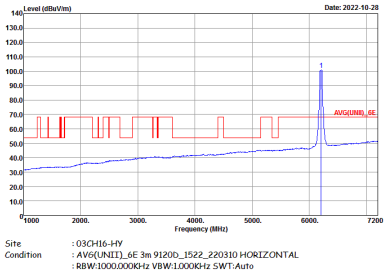
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

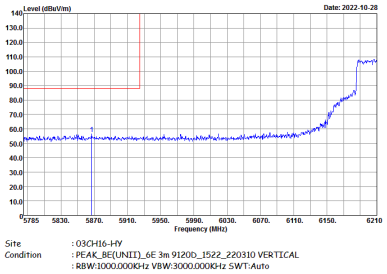
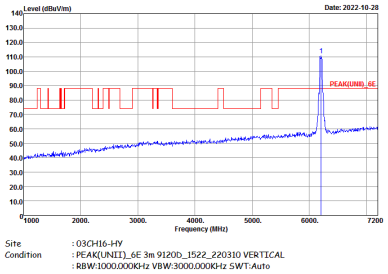
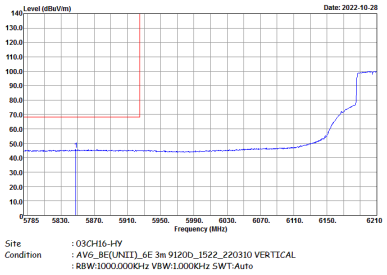
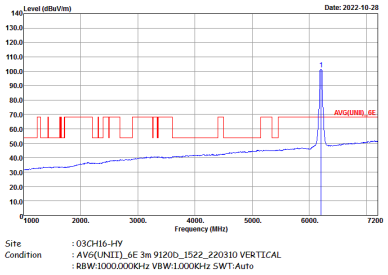
Band 5 5925~6425MHz

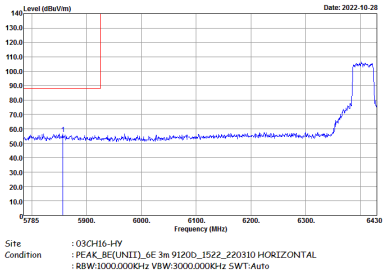
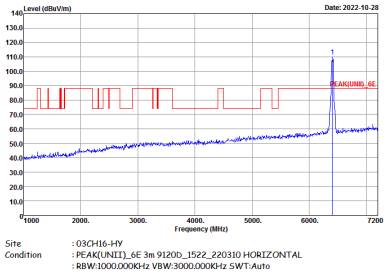
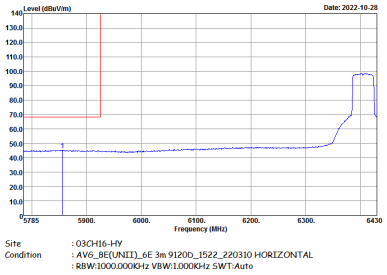
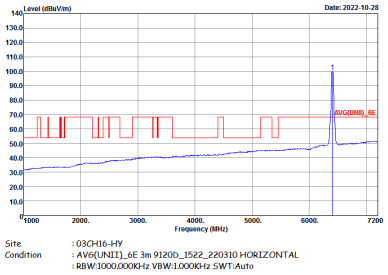
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

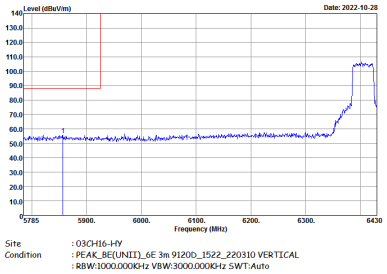
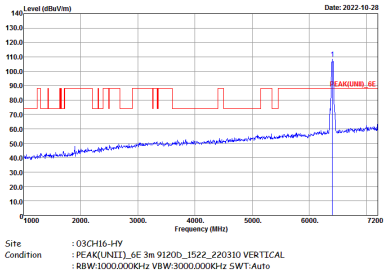
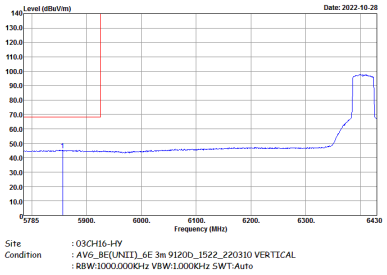
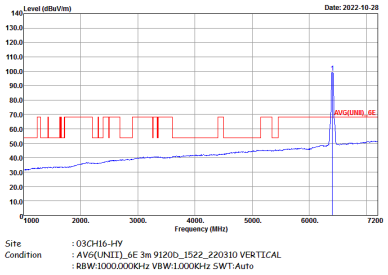
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Fundamental
Peak		
Avg		

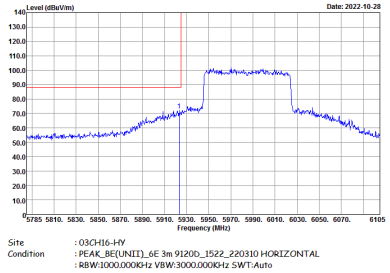
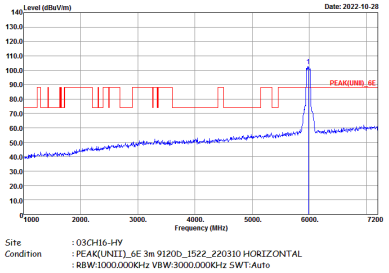
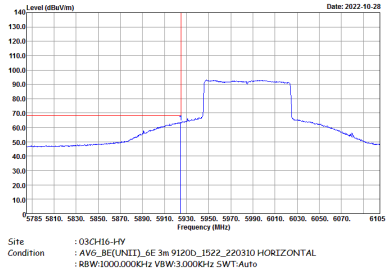
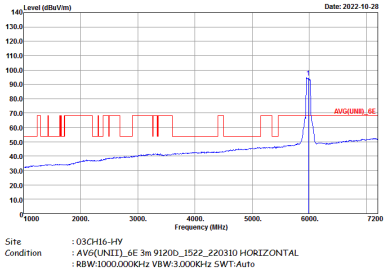
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

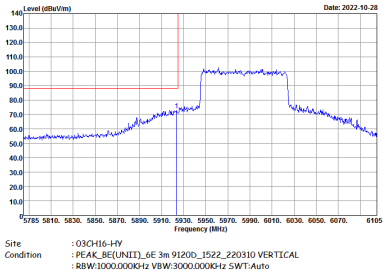
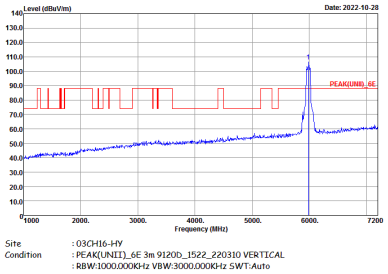
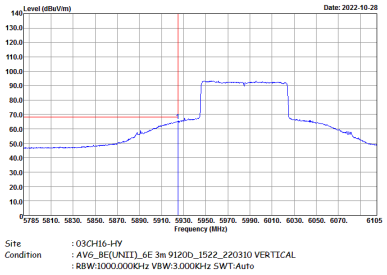
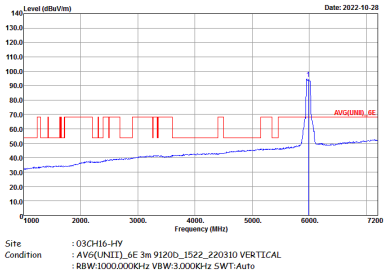
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Fundamental
Peak		
Avg		

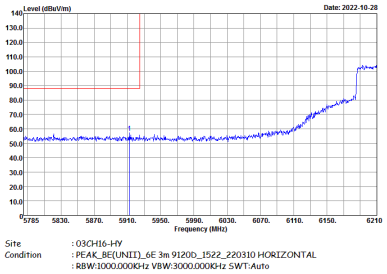
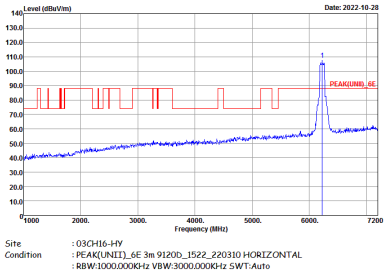
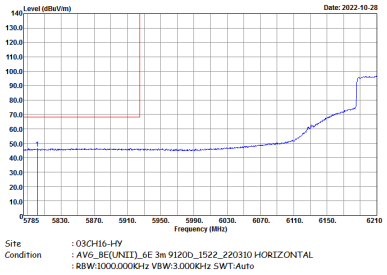
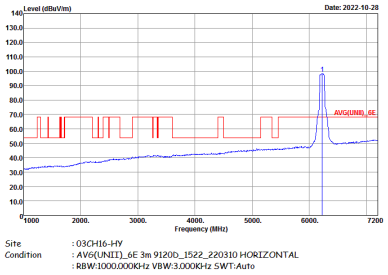
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Vertical	Fundamental
Peak		
Avg		

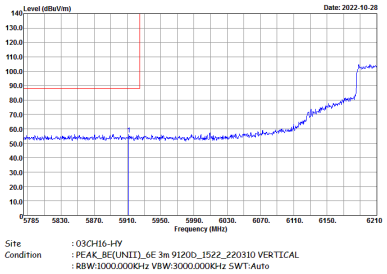
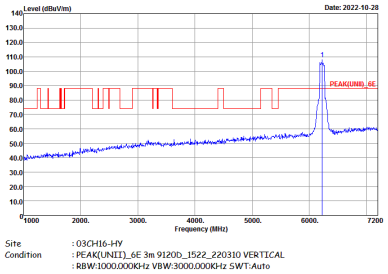
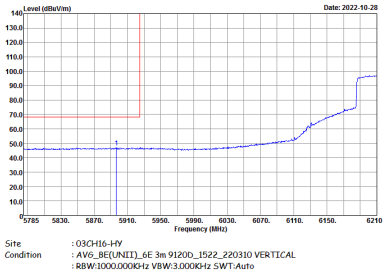
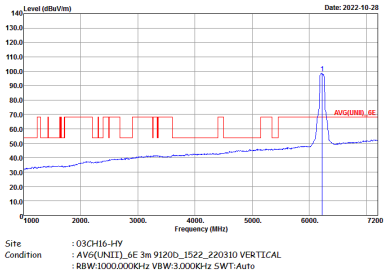
Band 5 5925~6425MHz

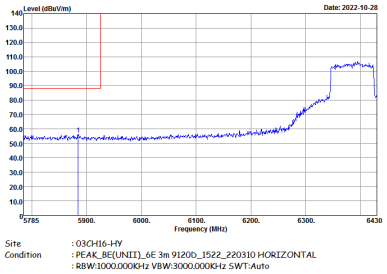
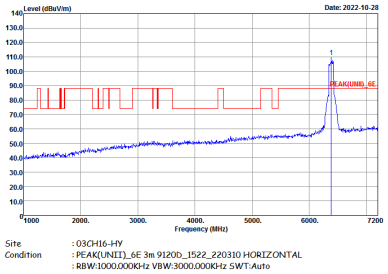
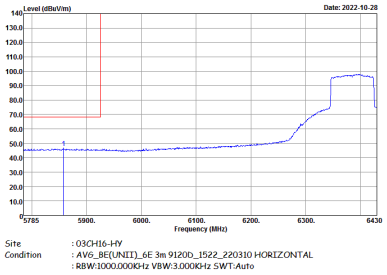
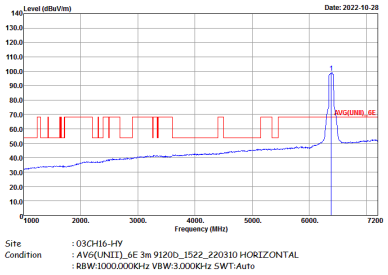
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

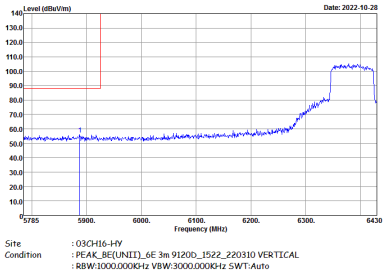
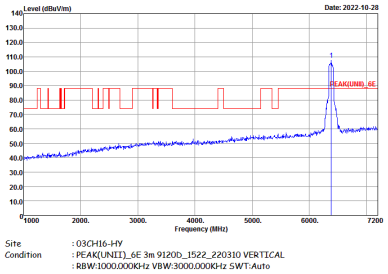
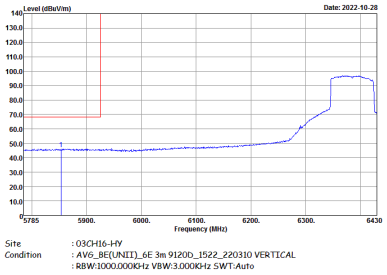
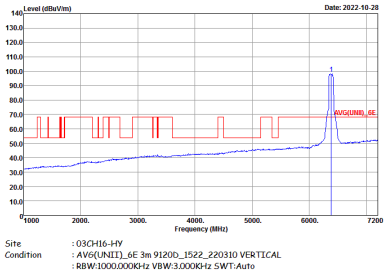
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

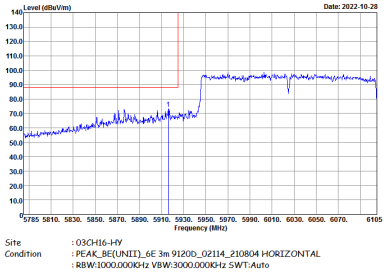
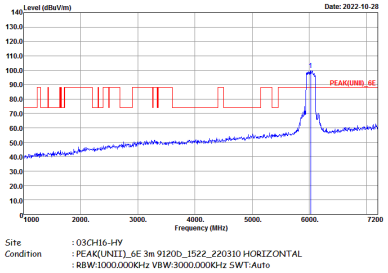
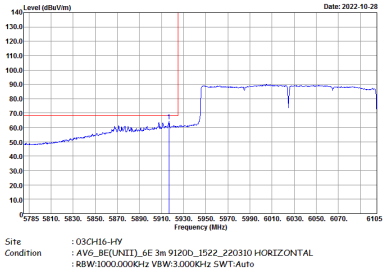
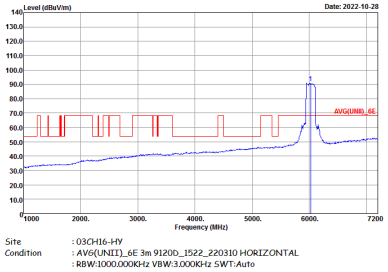
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

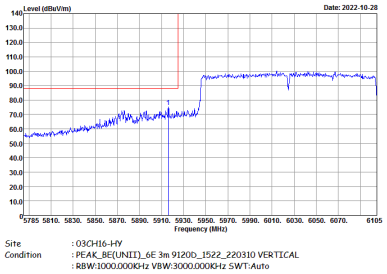
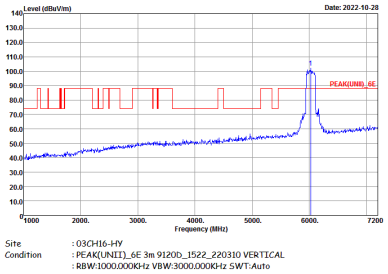
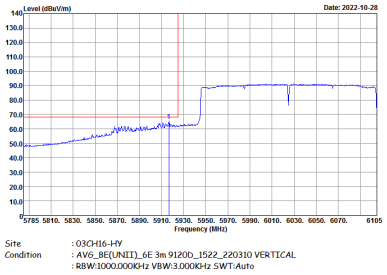
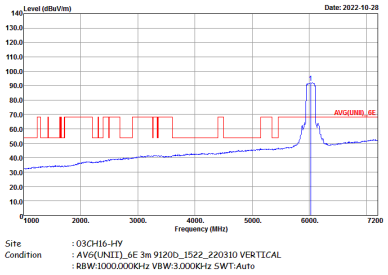
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

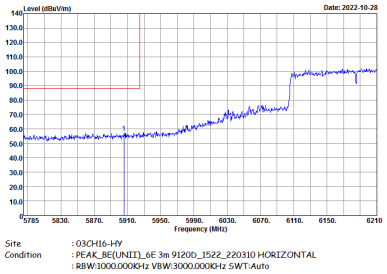
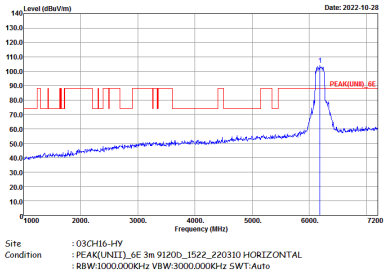
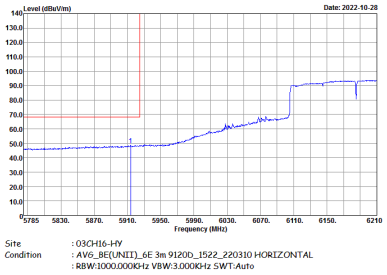
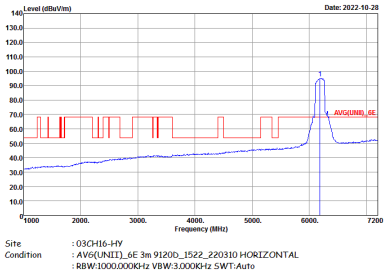
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

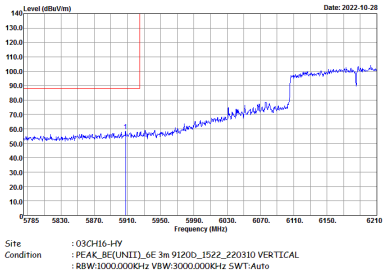
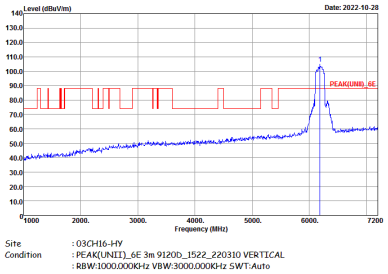
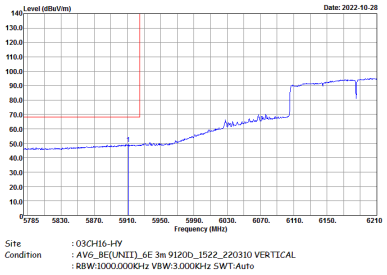
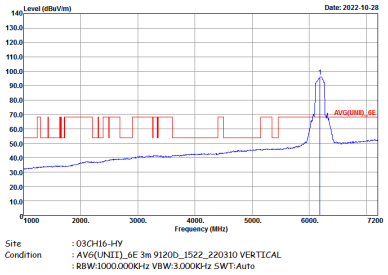
Band 5 5925~6425MHz

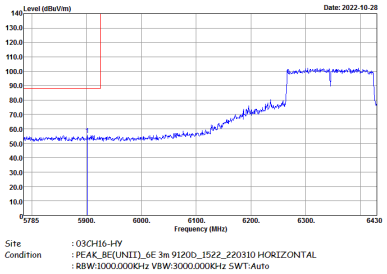
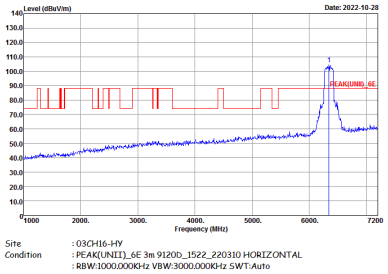
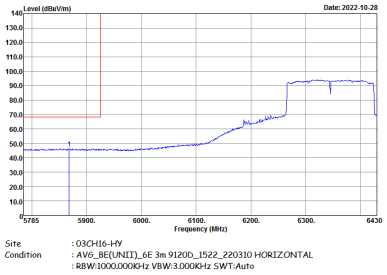
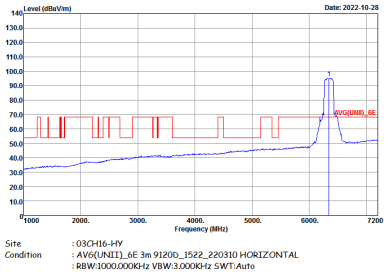
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

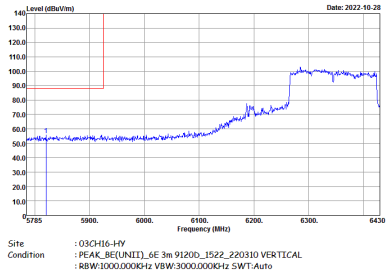
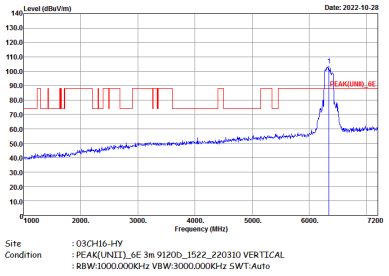
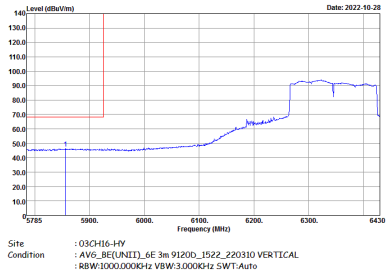
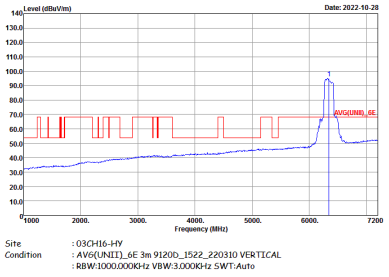
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

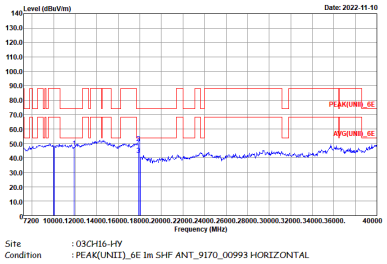
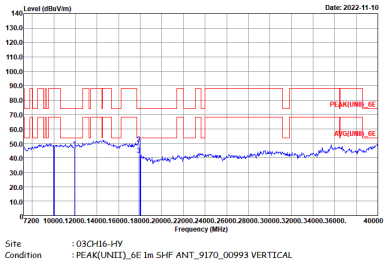
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

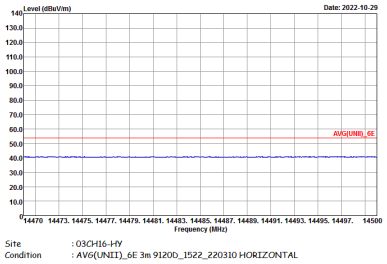
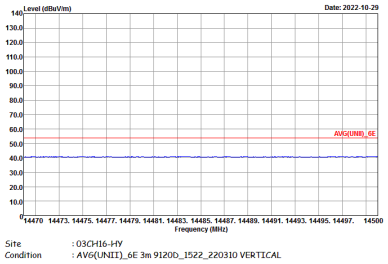
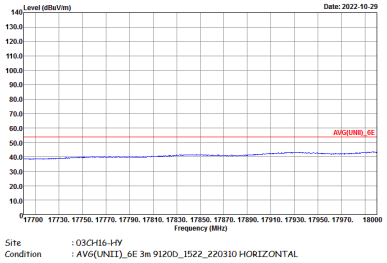
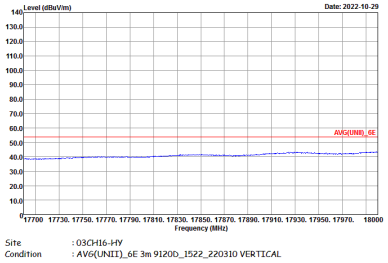
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		

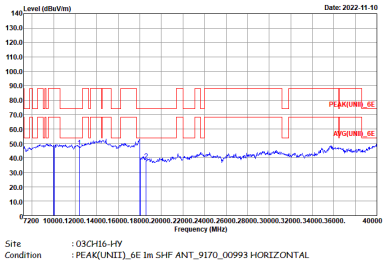
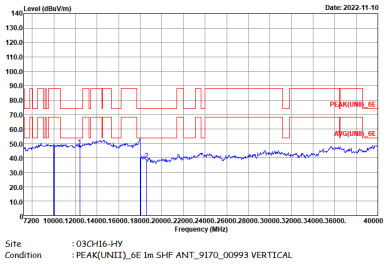
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		

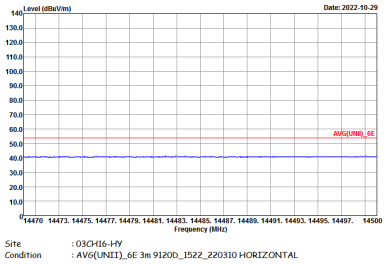
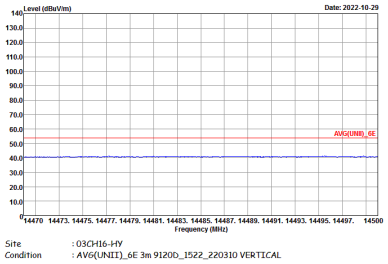
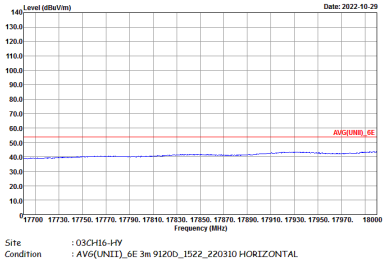
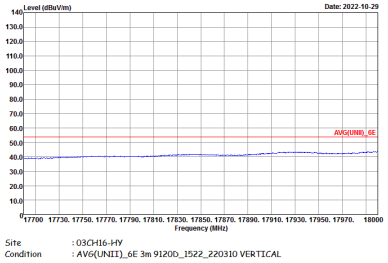
Band 5 - 5925~6425MHz

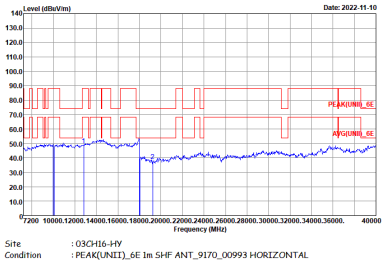
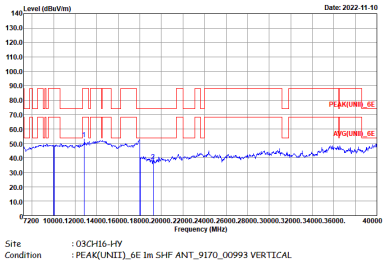
WIFI 802.11a (Harmonic @ 3m)

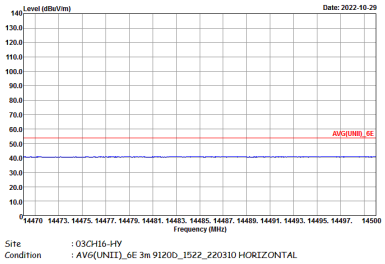
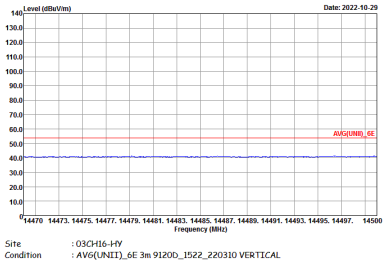
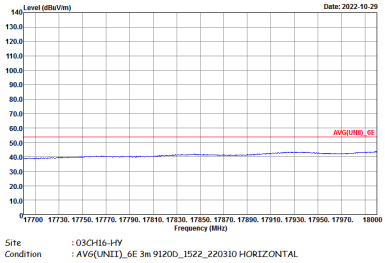
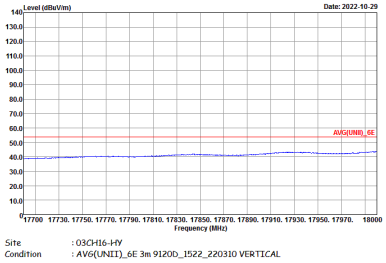
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.		

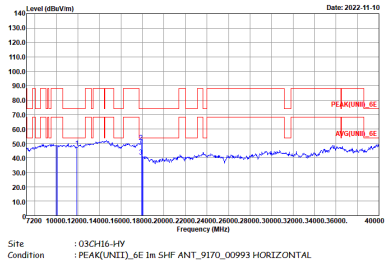
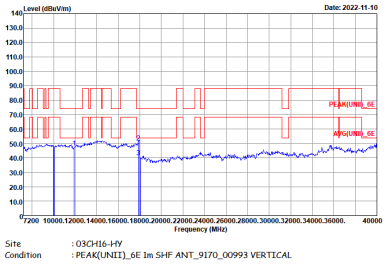
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH49 6195MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

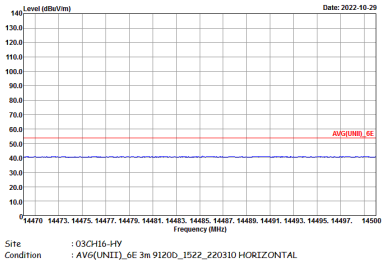
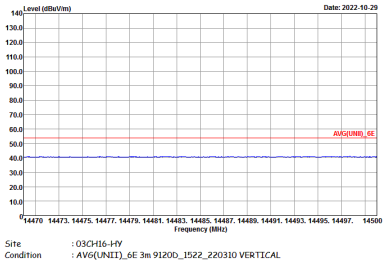
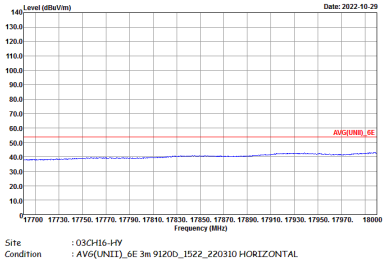
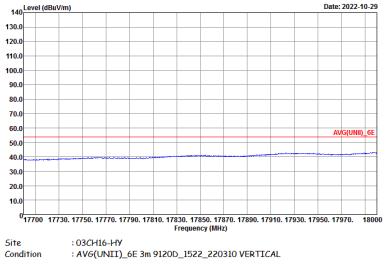
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.		

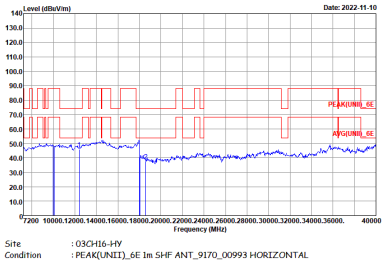
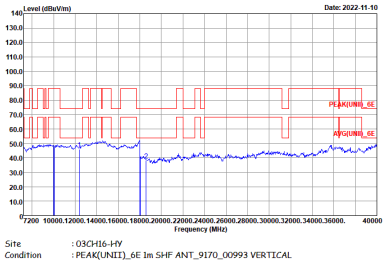
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH93 6415MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

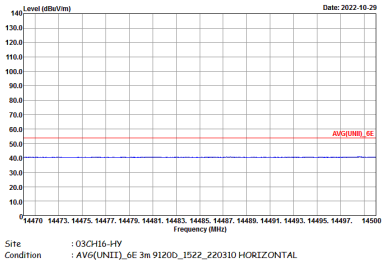
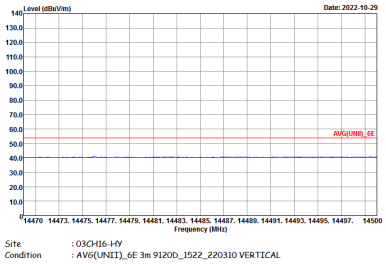
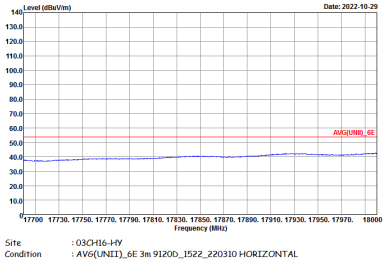
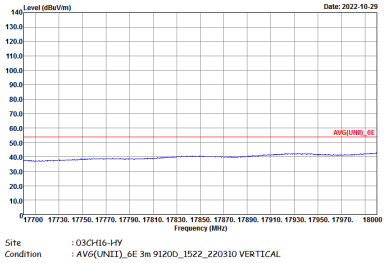
Band 5 5925~6425MHz

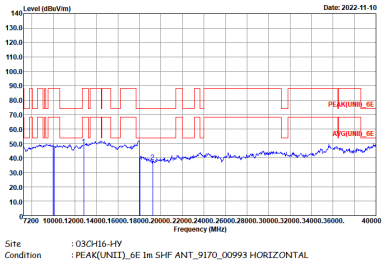
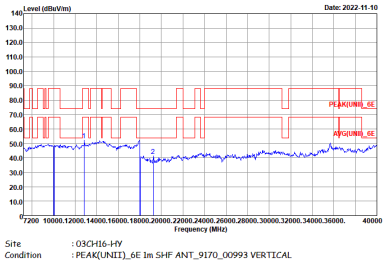
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

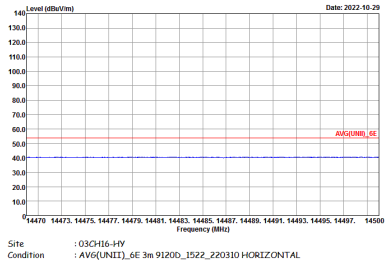
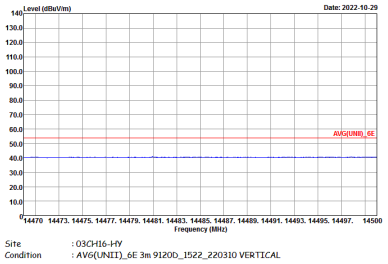
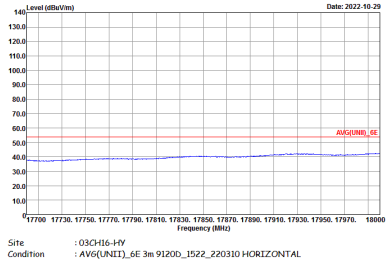
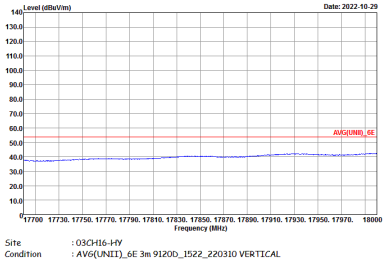
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.		

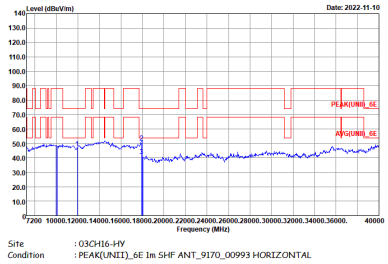
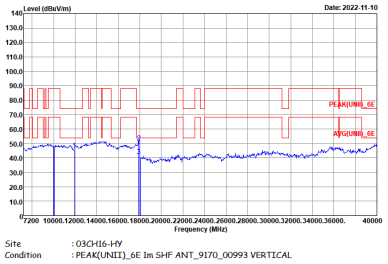
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

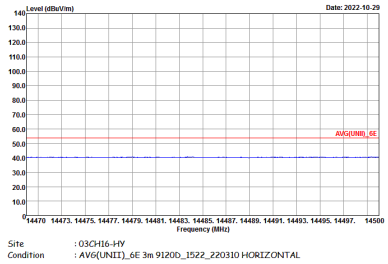
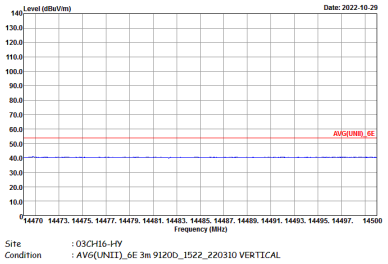
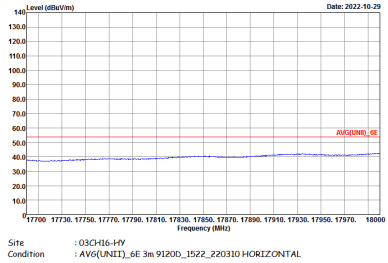
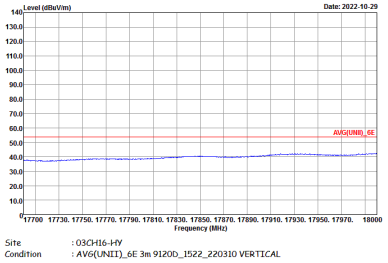
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.		

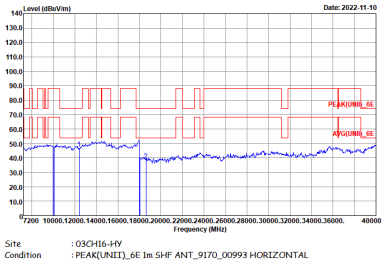
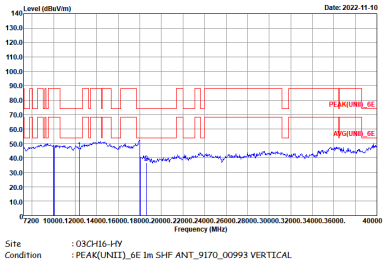
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

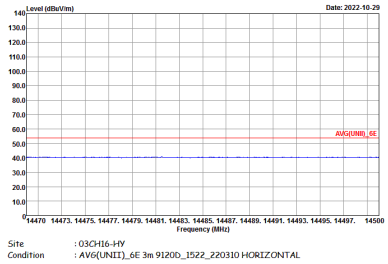
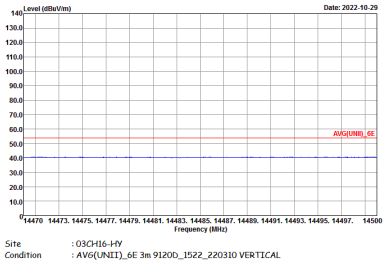
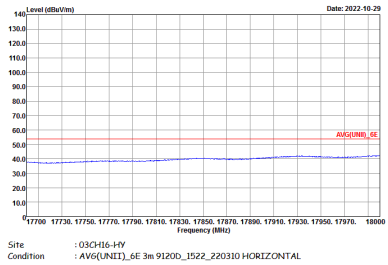
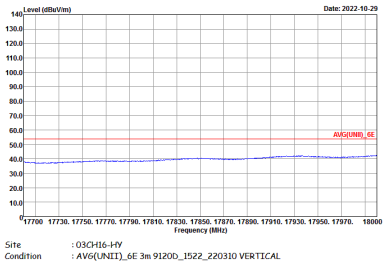
Band 5 5925~6425MHz

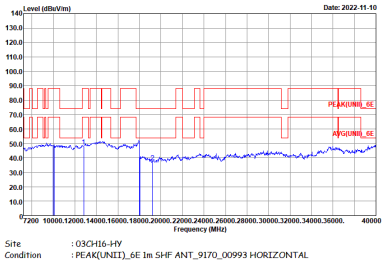
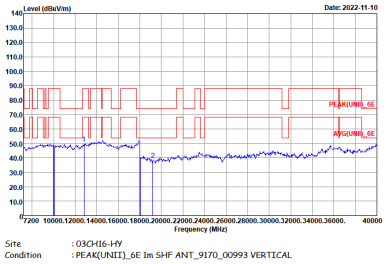
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

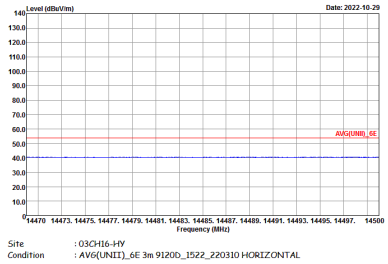
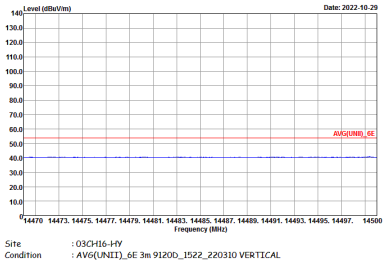
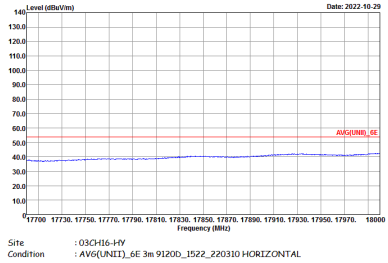
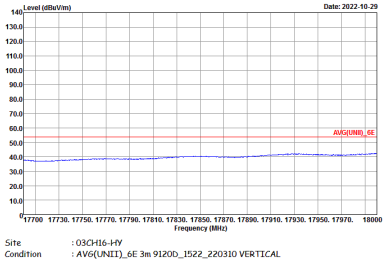
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G 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	
4+3	Horizontal	Vertical
Peak Avg.