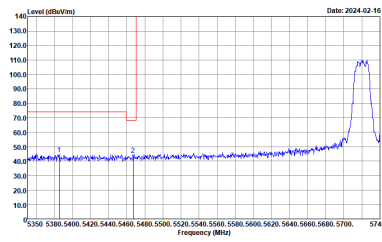
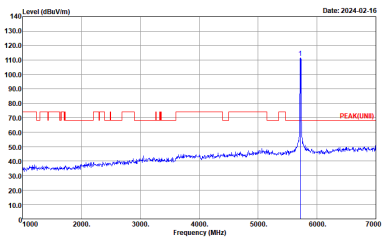
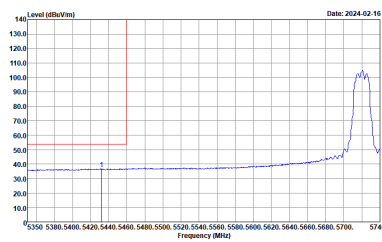
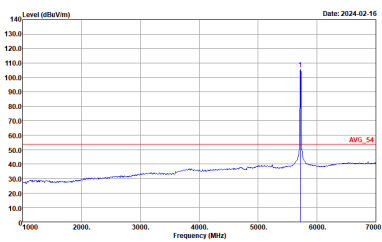


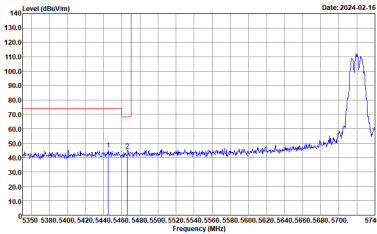
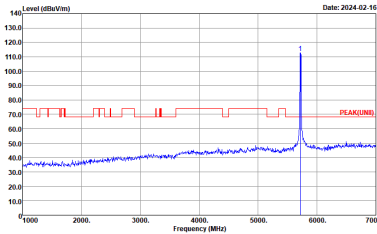
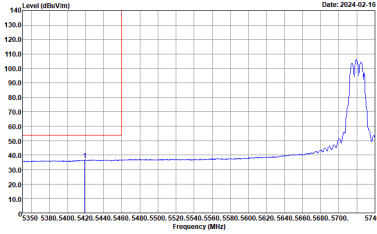
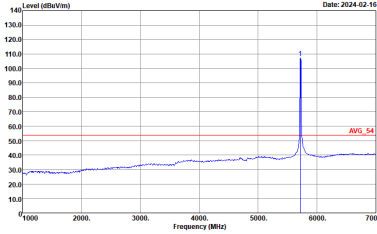
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NIT-1A2A 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

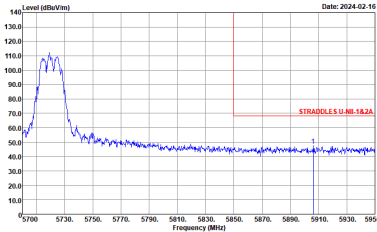


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
6+7	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NIE-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH13-HY Condition : U-NIE-142A AVERAGE 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



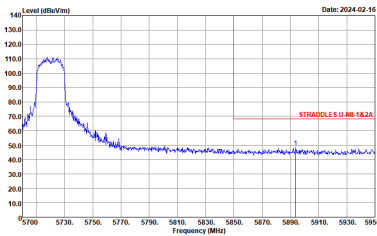
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

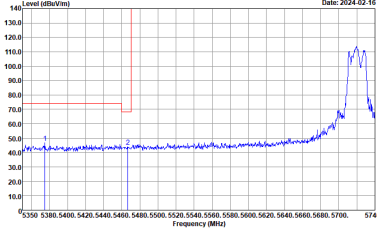
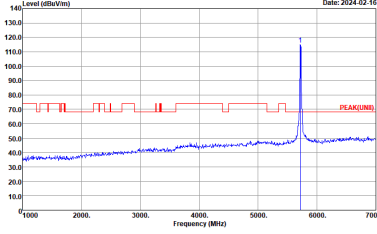
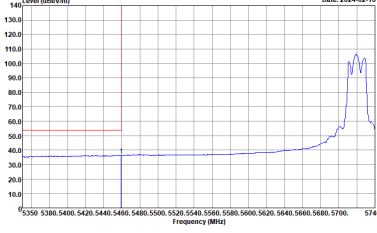
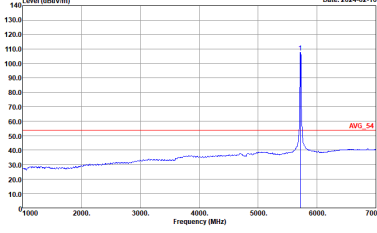


Band 3 – Straddle Channel
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
6+7	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : STRADDOLES U-NIT-1A2A 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH13-HY Condition : AV6_54 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

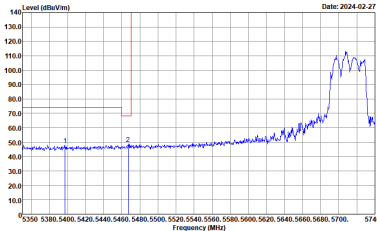
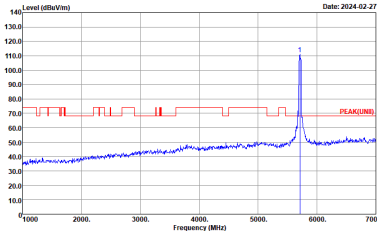
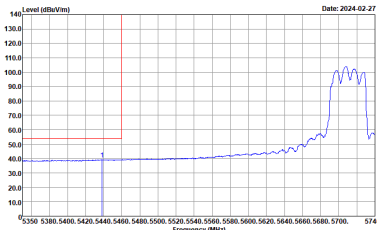
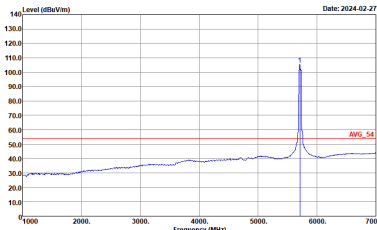
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH13-HY Condition : U-NII-142A AVERAGE 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto
Avg.		



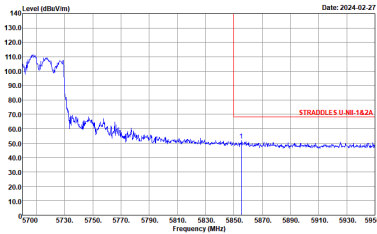
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
6+7	Vertical	Fundamental
Peak	Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

Band 3 - Straddle Channel

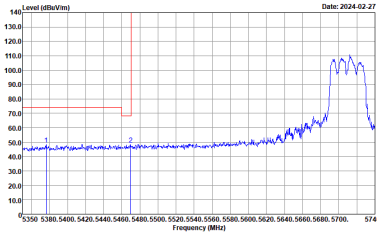
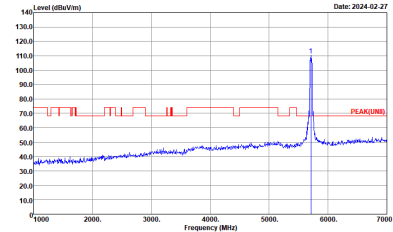
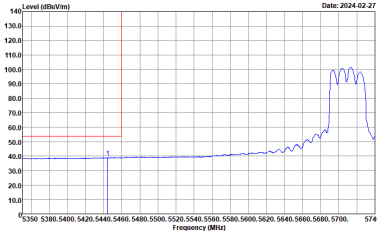
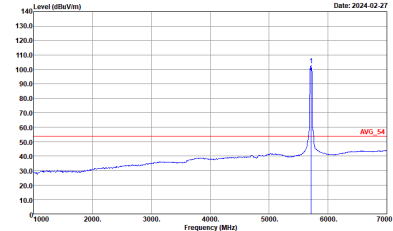
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDOLES U-NET-1A2A 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : U-NET-1A2A AVERAGE 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH13-HY Condition : AV6_54 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



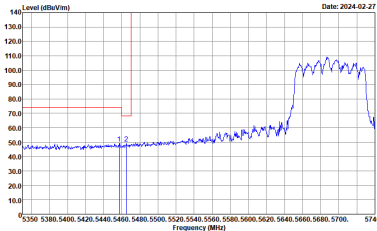
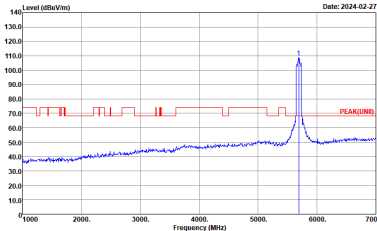
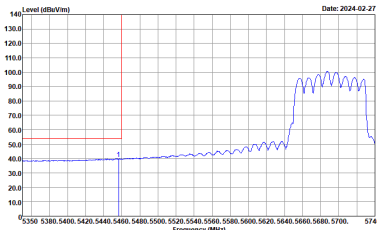
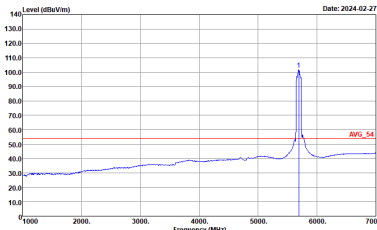
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : U-NII-142A AVERAGE 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto



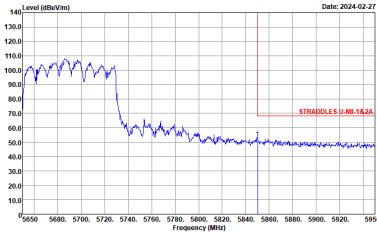
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
6+7	Vertical	Fundamental
Peak	Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

Band 3 – Straddle Channel

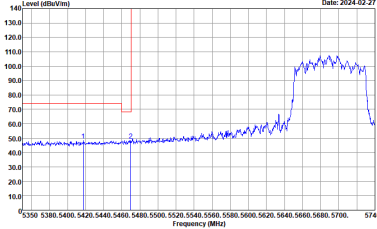
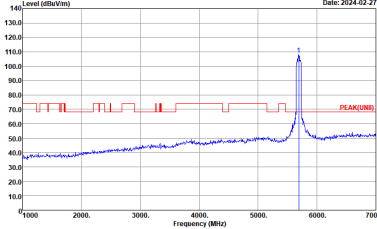
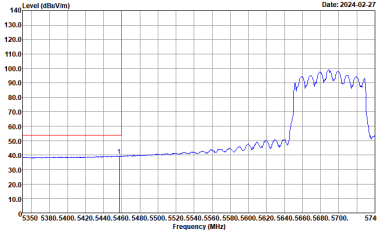
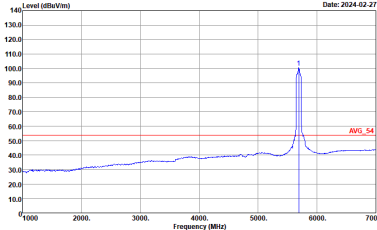
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDOLES U-NIT-1A2A 3m HORN_9120D_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_9120D_1326 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH13-HY Condition : AV6_54 3m HORN_9120D_1326 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

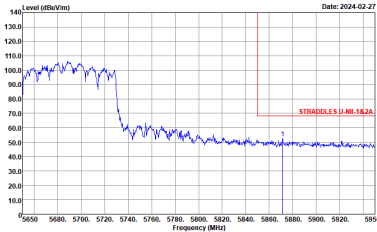


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



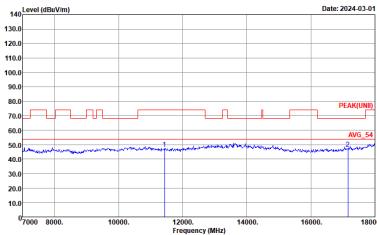
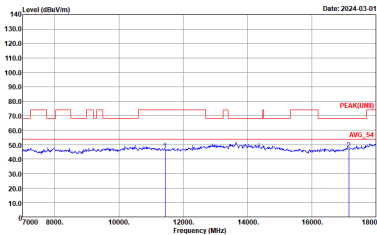
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NIE-1A2A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH13-HY Condition : U-NIE-1A2A AVERAGE 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



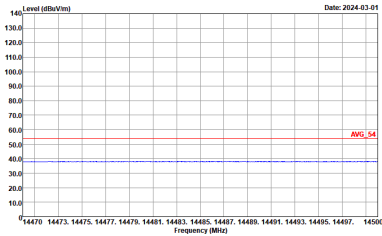
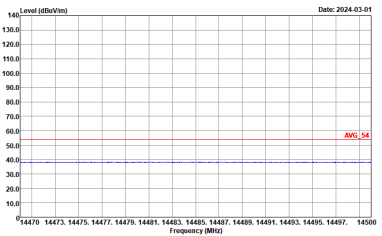
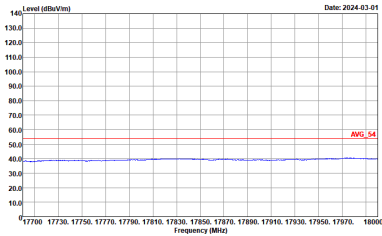
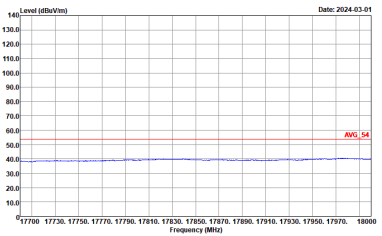
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_91200_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

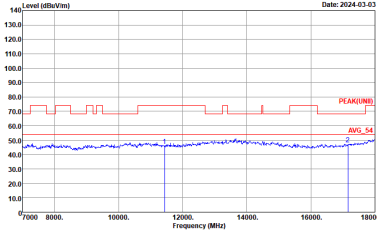
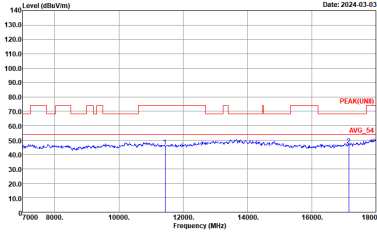
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-4V Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-4V Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL :



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
6+7	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :



Band 3 – Straddle Channel
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL :



WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
6+7	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
17.7G ~18G Avg		



Band 3 - Straddle Channel
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
6+7	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2024-03-03 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL :	Level (dBuV/m) Date: 2024-03-03 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL :



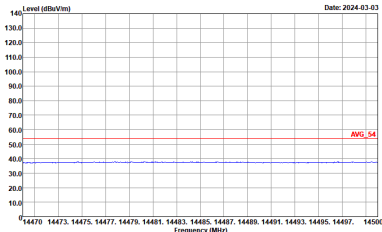
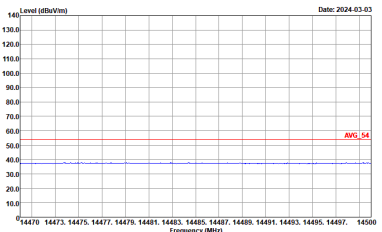
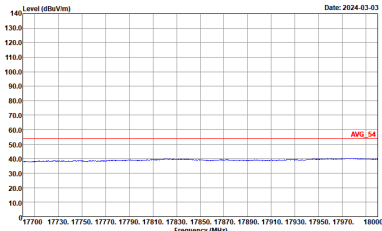
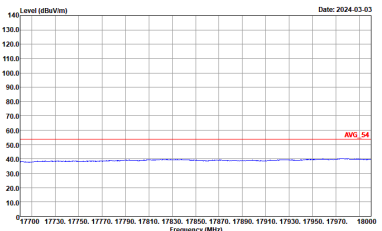
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
6+7	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line is at approximately 40 dBuV/m. The date is 2024-03-03. Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
17.7G ~18G Avg		



Band 3 – Straddle Channel
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

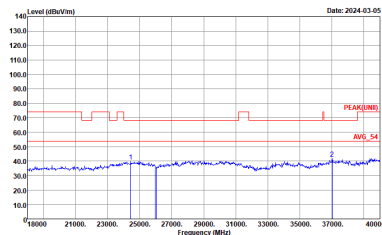
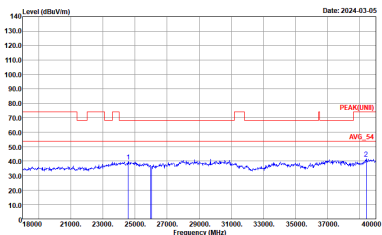
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
6+7	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2024-03-03 PEAK (UNB) AVG_54 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL	Level (dBuV/m) Date: 2024-03-03 PEAK (UNB) AVG_54 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL



WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
6+7	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :
	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1326 VERTICAL :

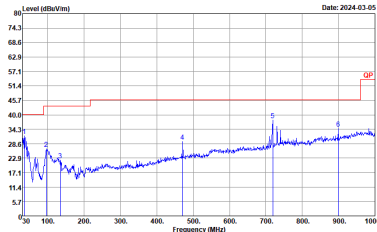
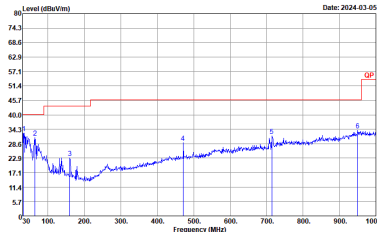


Emission above 18GHz
5GHz WIFI 802.11ax HE80 (SHF @ 1m)

WIFI	5GHz WIFI	
ANT	802.11ax HE80 SHF	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-1V Condition : PEAK(UNIT) 1m SHF_1223 HORIZONTAL :	 Site : 03CH13-1V Condition : PEAK(UNIT) 1m SHF_1223 VERTICAL :



Emission below 1GHz
5GHz WIFI 802.11ax HE80 Full (LF)

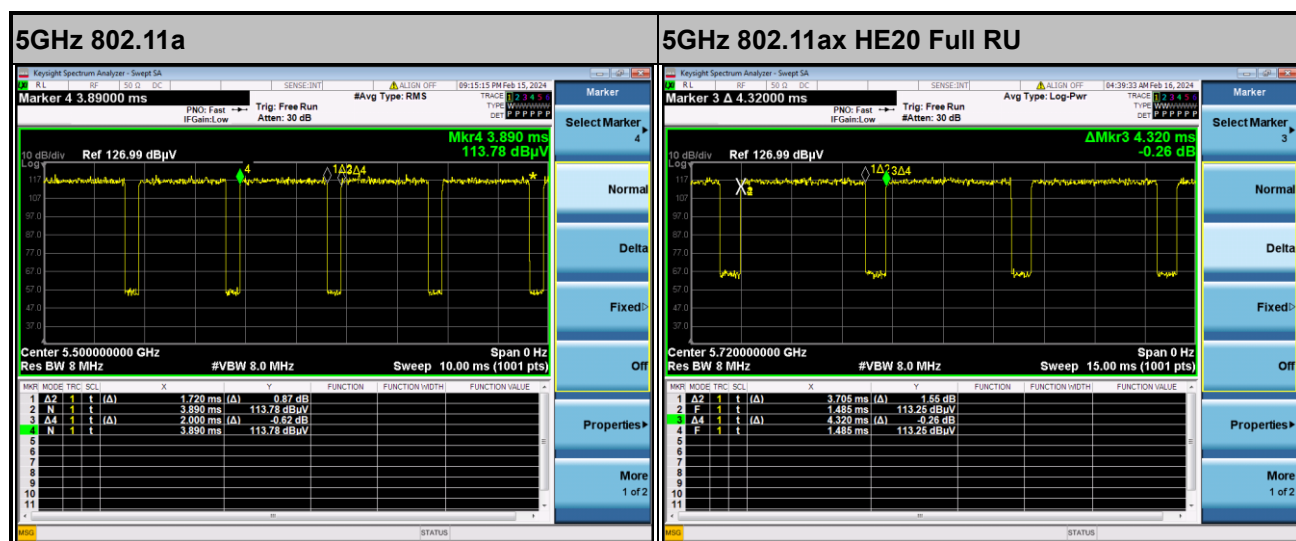
WIFI	5GHz WIFI	
ANT	802.11ax HE80 LF	
6+7	Horizontal	Vertical
QP / Peak	 Site : 03CH13-1V Condition : QP 3m B1LOG_03CH16_300M-16 HORIZONTAL :	 Site : 03CH13-1V Condition : QP 3m B1LOG_03CH16_300M-16 VERTICAL :



Appendix E. Duty Cycle Plots

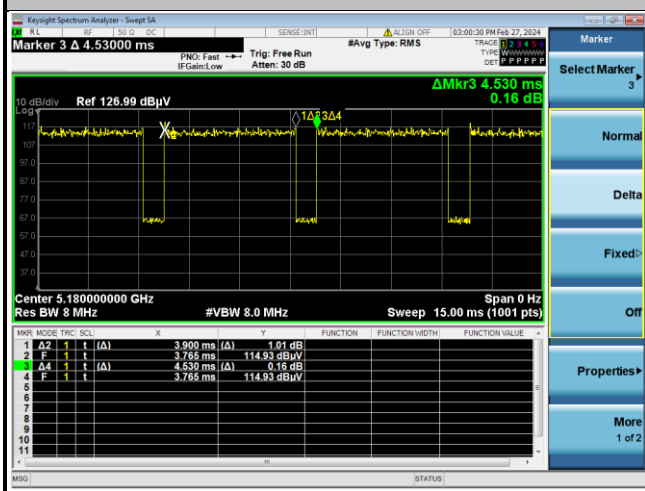
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	802.11a	86.00	1720	0.58	1kHz
6+7	5GHz 802.11ax HE20 Full RU	85.76	3705	0.27	300Hz
6+7	5GHz 802.11ax HE20 106 RU	86.09	3900	0.26	300Hz
6+7	5GHz 802.11ax HE40 Full RU	84.51	2177	0.46	1kHz
6+7	5GHz 802.11ax HE40 242 RU	99.27	-	-	10Hz
6+7	5GHz 802.11ax HE80 Full RU	85.92	1098	0.91	1kHz
6+7	5GHz 802.11ax HE80 484 RU	98.59	-	-	10Hz
6+7	5GHz 802.11ax HE160 Full RU	85.45	552	1.81	3kHz
6+7	5GHz 802.11ax HE160 996 RU	99.27	-	-	10Hz

MIMO <Ant. 6+7>

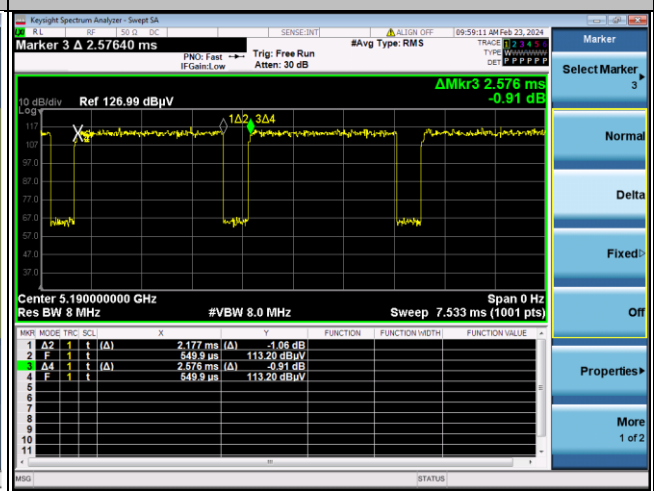




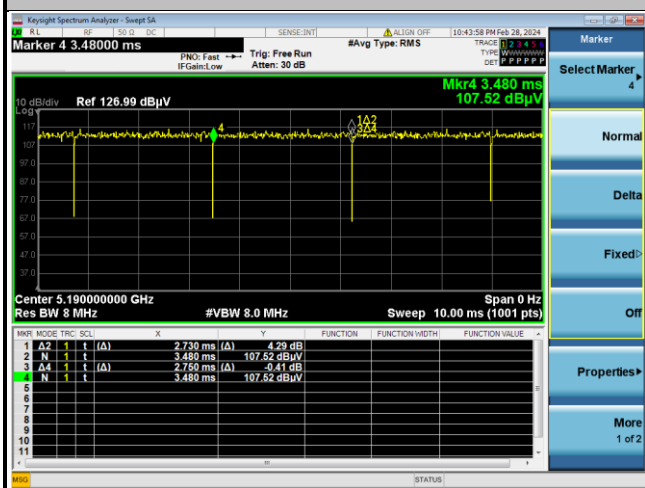
5GHz 802.11ax HE20 106 RU



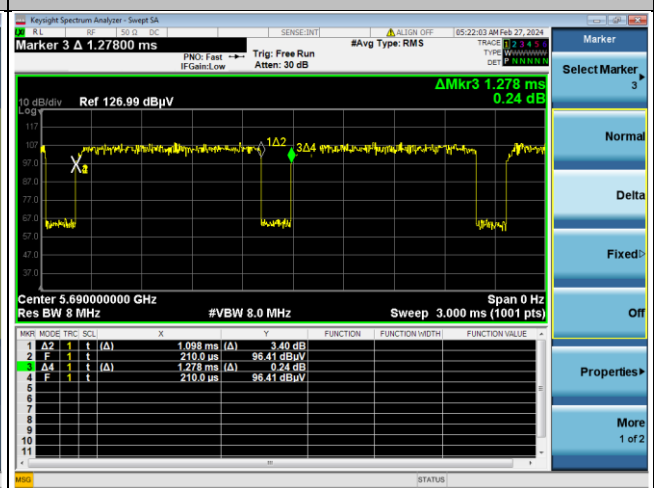
5GHz 802.11ax HE40 Full RU

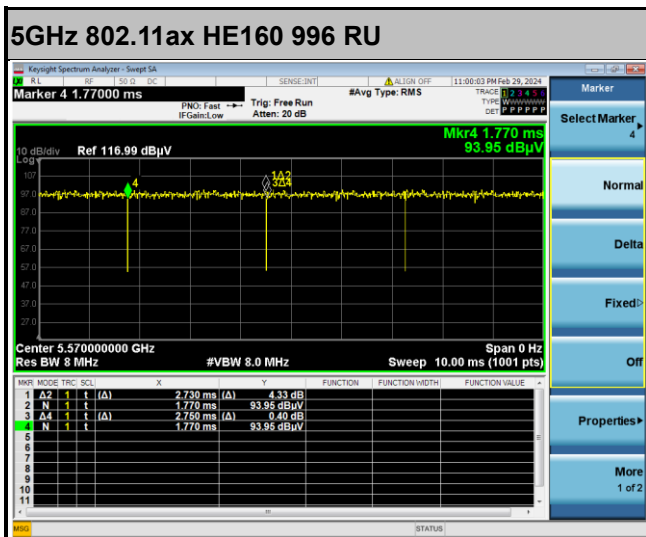
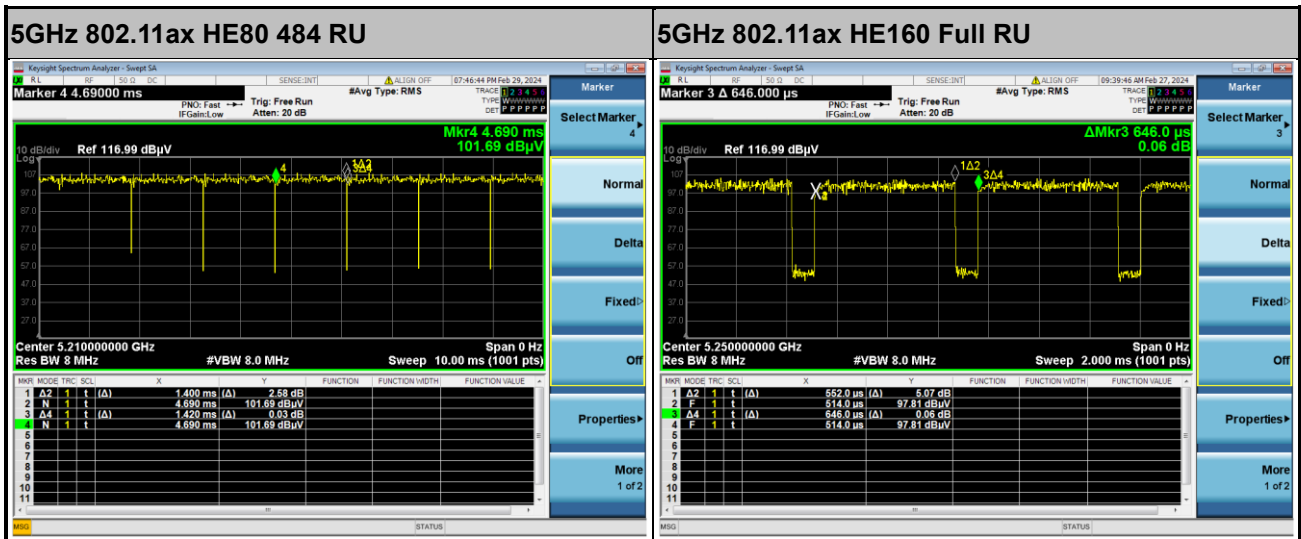


5GHz 802.11ax HE40 242 RU



5GHz 802.11ax HE80 Full RU





Appendix G. Spot Check Evaluation on TC58BE

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the reference model and tested to demonstrate the test data from reference model remains representative for the variant model.

The deviation between the spot check and the referenced values is within 3dB, therefore data referencing is justified according to the guidance in the ECR inquiry

Mode	Test Item	UZ7TC58AE Reference Worst mode Test Result	UZ7TC58BE Variant Check Test Result	Deviation	Limit (dB)
BT	Number of Channels	79	79	0	Within the authorized block
	Hopping Channel Separation	1.007	1.303	0.296	Within the authorized block
	Dwell Time of Each Channel	0.31	0.31	0	Within the authorized block
	20dB Bandwidth	0.872	0.87	0.002	Within the authorized frequency block
	99% Bandwidth	0.803	0.798	0.005	Within the authorized frequency block
	Conducted Band Edges	-43.53	-45.87	2.34	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-36.86	-38.91	2.05	Deviation (ddB) < 3 dB
	Peak Output Power	7.18	6.7	0.48	Deviation (ddB) < 3 dB
	Radiated Band Edges and Radiated Spurious Emission	48.41	47.65	0.76	Deviation (ddB) < 3 dB
	AC Conducted Emission	17.48	19.72	2.24	Deviation (ddB) < 3 dB
BLE	6dB Bandwidth	1.142	1.155	0.013	Within the authorized frequency block
	99% Bandwidth	1.998	1.996	0.002	Within the authorized frequency block
	Power Spectral Density	5.44	6.07	0.63	Deviation (ddB) < 3 dB
	Conducted Band Edges	-43.68	-46.24	2.56	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-41.5	-38.88	2.62	Deviation (ddB) < 3 dB
	Peak Output Power	6.3	5.9	0.4	Deviation (ddB) < 3 dB
	Radiated Band Edges and Spurious Emission	50.56	50.49	0.07	Deviation (ddB) < 3 dB
	AC Conducted Emission	17.48	19.72	2.24	Deviation (ddB) < 3 dB
WIFI 2.4G	6dB Bandwidth	9.03	8.54	0.47	Within the authorized frequency block
	99% Bandwidth	13.59	13.52	0.07	Within the authorized frequency block
	Power Spectral Density	1.78	1.06	0.72	Deviation (ddB) < 3 dB
	Conducted Band Edges	-30.53	-30.89	0.36	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-46.39	-48.89	2.50	Deviation (ddB) < 3 dB
	Peak Output Power	23.41	23.31	0.1	Deviation (ddB) < 3 dB
	Radiated Band Edges and Spurious Emission	59.99	59.85	0.14	Deviation (ddB) < 3 dB
	AC Conducted Emission	17.48	19.72	2.24	Deviation (ddB) < 3 dB

Mode	Test Item	UZ7TC58AE Reference Worst mode Test Result	UZ7TC58BE Variant Check Test Result	Deviation	Limit (dB)
WIFI 5G	26dB Bandwidth	167.75	165.22	2.53	Within the authorized frequency block
	99% Bandwidth	154.89	155.47	0.58	Within the authorized frequency block
	Power Spectral Density	-2.9	-1.17	1.73	Deviation (ddB) < 3 dB
	Conducted Output Power	17.81	17.71	0.1	Deviation (ddB) < 3 dB
	Unwanted Emissions	63.2	64.81	1.61	Deviation (ddB) < 3 dB
	AC Conducted Emission	18.52	19.96	1.44	Deviation (ddB) < 3 dB
WIFI 6G UNII-8 (802.11ax HE20 CH189 6895MHz)	26dB Emission Bandwidth	20.75	21.14	0.39	Within the authorized frequency block
	99% Occupied Bandwidth	18.88	18.92	0.04	Within the authorized frequency block
	Conducted Output Power	7.66	7.56	0.1	Deviation (ddB) < 3 dB
	Fundamental Maximum EIRP	9.8	9.7	0.1	Deviation (ddB) < 3 dB
	Fundamental Power Spectral Density	-1.04	-1.41	0.37	Deviation (ddB) < 3 dB
	In-Band Emissions	-10.04	-12.35	2.31	Deviation (ddB) < 3 dB
WIFI 6G UNII-8 (802.11ax HE80 CH215 7025MHz)	Unwanted Emissions	72.37	72.28	0.09	Deviation (ddB) < 3 dB
WIFI 6G	AC Conducted Emission	18.52	19.96	1.44	Deviation (ddB) < 3 dB



List of Measuring Equipment

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	Feb. 08, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	Feb. 08, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Feb. 08, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	Feb. 08, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Feb. 08, 2024	N/A	Conduction (CO05-HY)
ISN Cable	MVE	RG-400	200260	N/A	Dec. 28, 2023	Feb. 08, 2024	Dec. 27, 2024	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	9kHz~200MHz	Jul. 28, 2023	Feb. 08, 2024	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 28, 2023	Feb. 08, 2024	Dec. 27, 2024	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Apr. 23, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	Apr. 23, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10Hz~44GHz	Jan. 24, 2024	Apr. 23, 2024	Jan. 23, 2025	Conducted (TH05-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 17, 2023	Apr. 23, 2024~ Apr. 24, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010180 0-30-10P	1590074	1GHz~18GHz	May 16, 2023	Apr. 23, 2024~ Apr. 24, 2024	May 15, 2024	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170337	10Hz~44GHz	Aug. 17, 2023	Apr. 23, 2024~ Apr. 24, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6 750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 08, 2024	Apr. 23, 2024~ Apr. 24, 2024	Mar. 07, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 07, 2024	Apr. 23, 2024~ Apr. 24, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 07, 2024	Apr. 23, 2024~ Apr. 24, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 07, 2024	Apr. 23, 2024~ Apr. 24, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP215159	N/A	Sep. 13, 2023	Apr. 23, 2024~ Apr. 24, 2024	Sep. 12, 2024	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 23, 2024~ Apr. 24, 2024	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 23, 2024~ Apr. 24, 2024	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 23, 2024~ Apr. 24, 2024	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Apr. 23, 2024~ Apr. 24, 2024	N/A	Radiation (03CH13-HY)

—THE END—