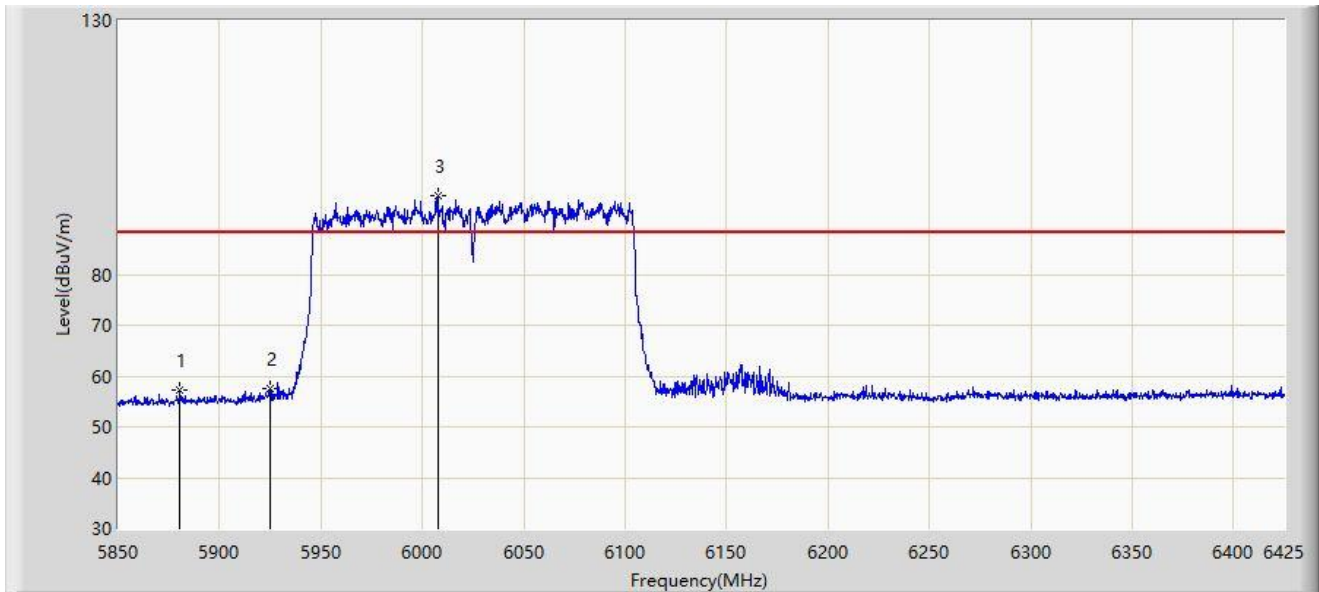


Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6025MHz (Nss=2)	



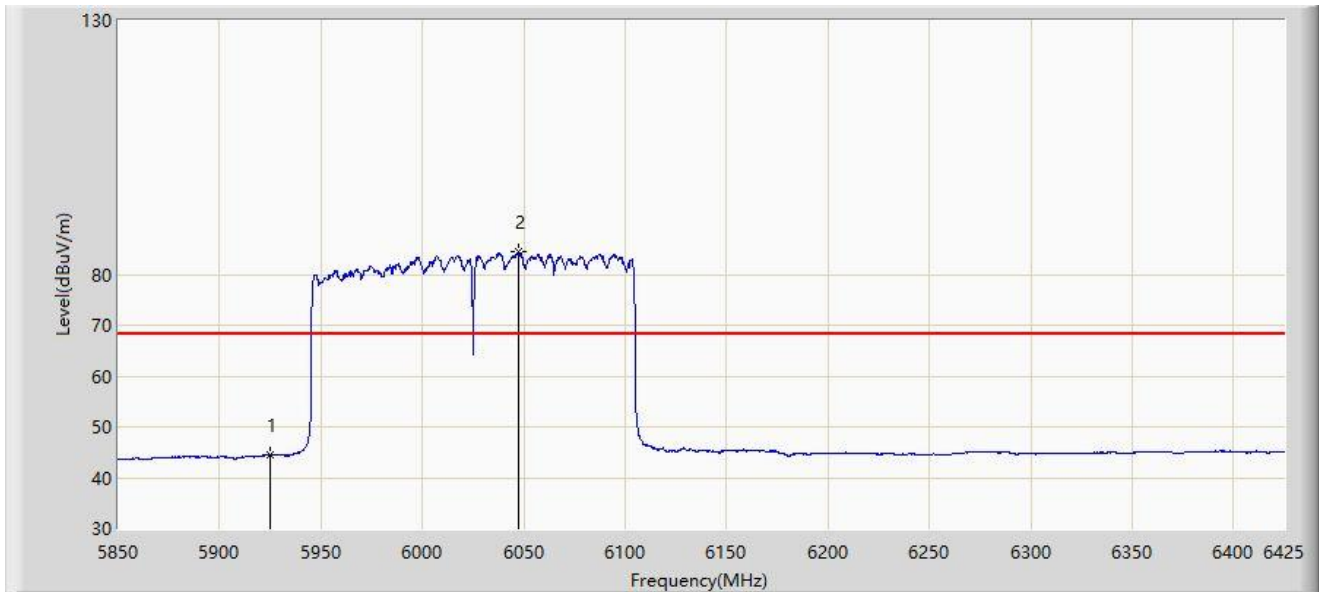
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5880.475	57.216	53.787	-30.984	88.200	3.429	PK
2	*	5925.000	57.489	53.724	-30.711	88.200	3.766	PK
3		6007.550	95.438	91.321	N/A	N/A	4.116	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6025MHz (Nss=2)	



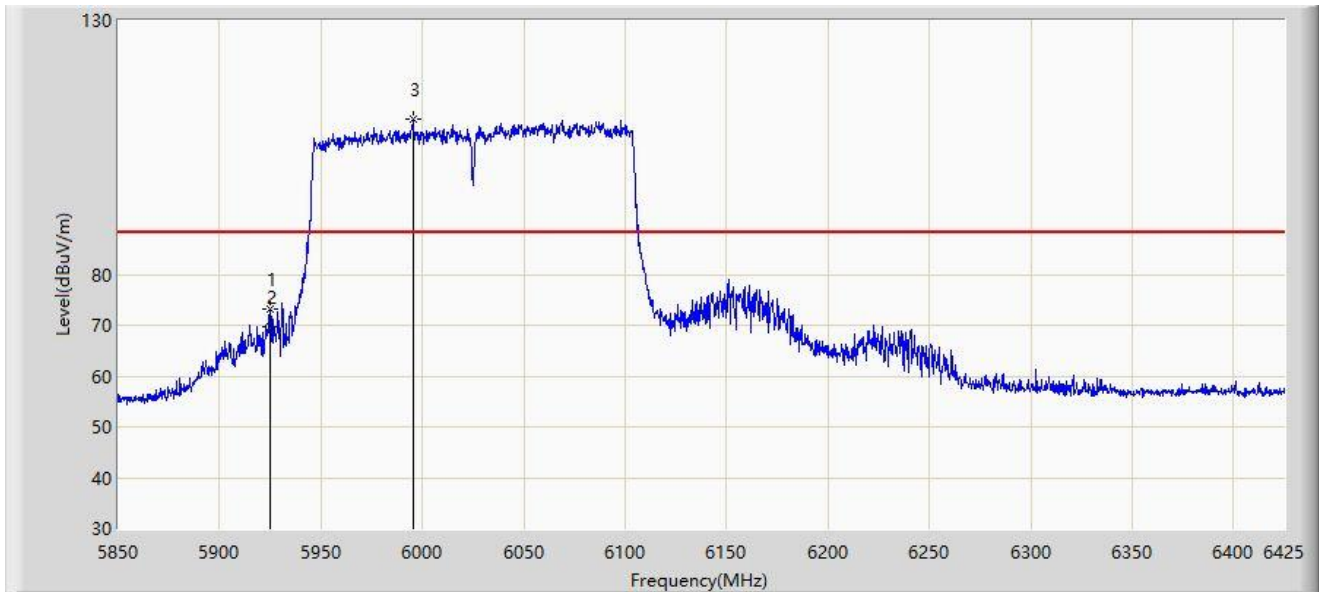
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5925.000	44.474	40.709	-23.726	68.200	3.766	AV
2		6047.225	84.454	80.305	N/A	N/A	4.149	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6025MHz (Nss=2)	



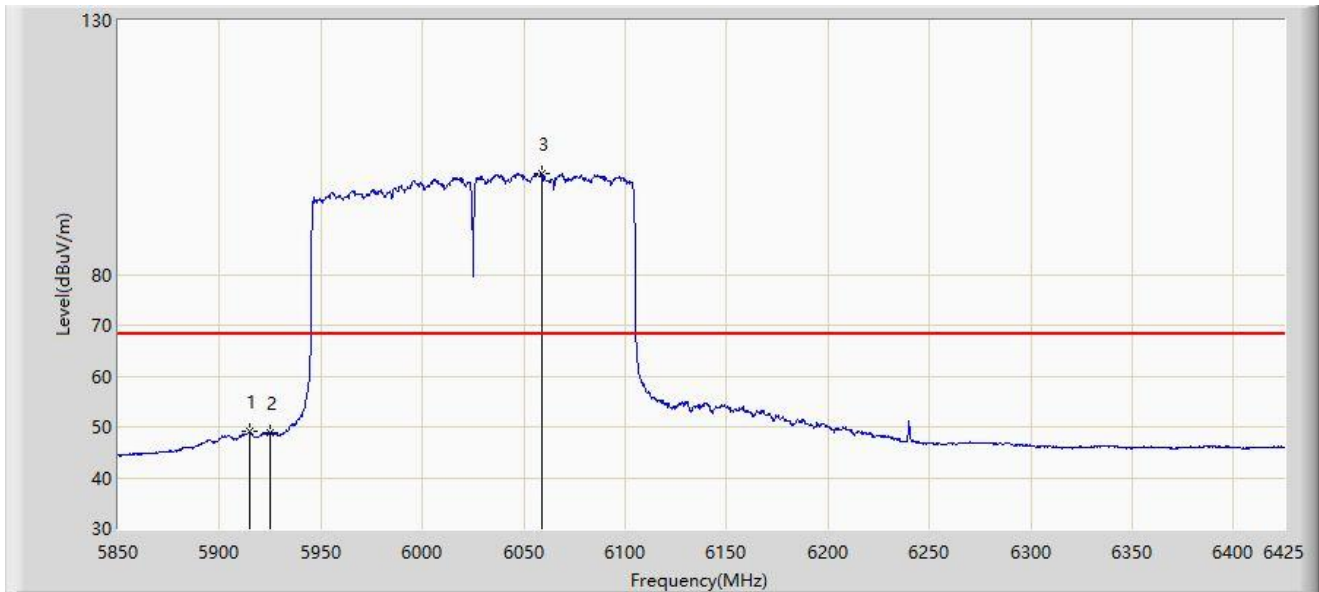
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5924.750	73.179	69.419	-15.021	88.200	3.761	PK
2		5925.000	69.795	66.030	-18.405	88.200	3.766	PK
3		5995.475	110.507	106.717	N/A	N/A	3.791	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6025MHz (Nss=2)	



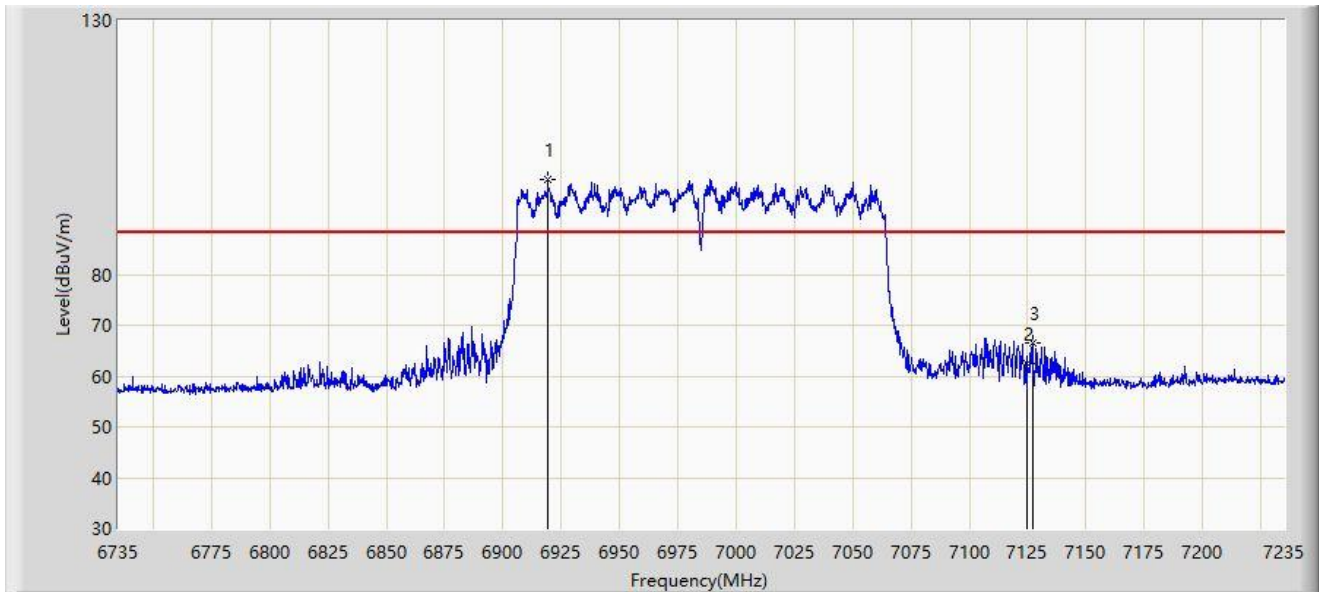
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5914.975	49.082	45.521	-19.118	68.200	3.561	AV
2		5925.000	48.963	45.198	-19.237	68.200	3.766	AV
3		6058.725	99.905	95.771	N/A	N/A	4.133	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6985MHz (Nss=2)	



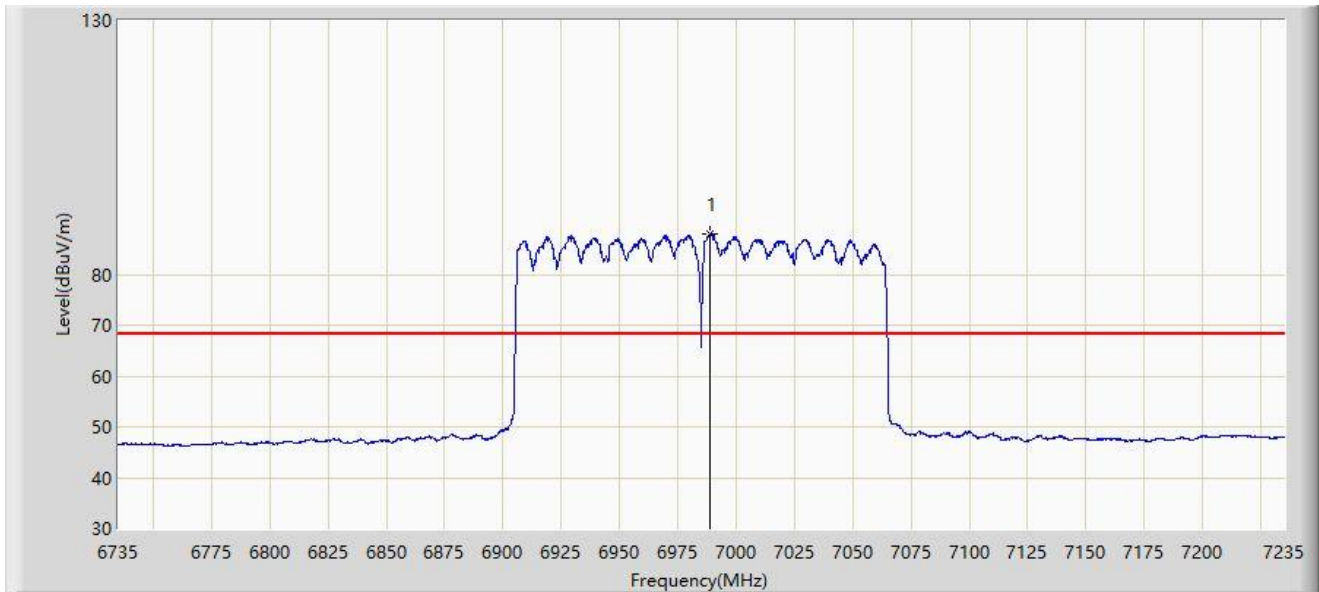
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		6919.250	98.653	91.131	N/A	N/A	7.522	PK
2		7125.000	62.454	53.426	-25.746	88.200	9.029	PK
3	*	7127.000	66.659	57.595	-21.541	88.200	9.064	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6985MHz (Nss=2)	



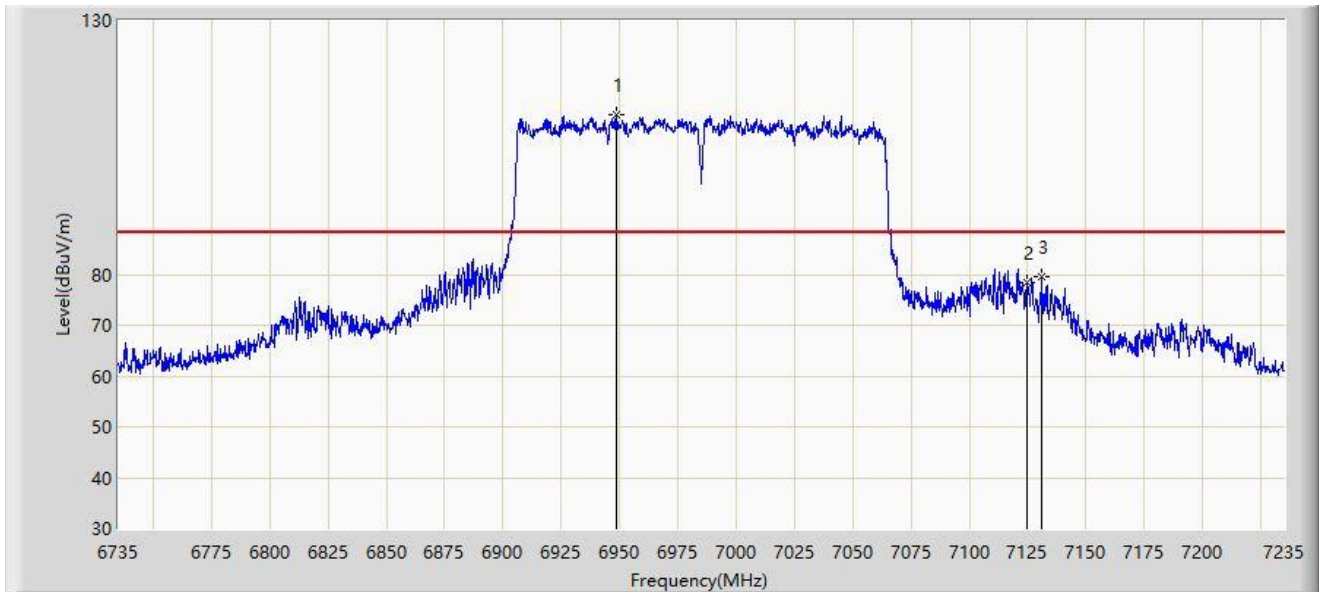
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	6988.750	88.026	79.781	N/A	N/A	8.245	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6985MHz (Nss=2)	



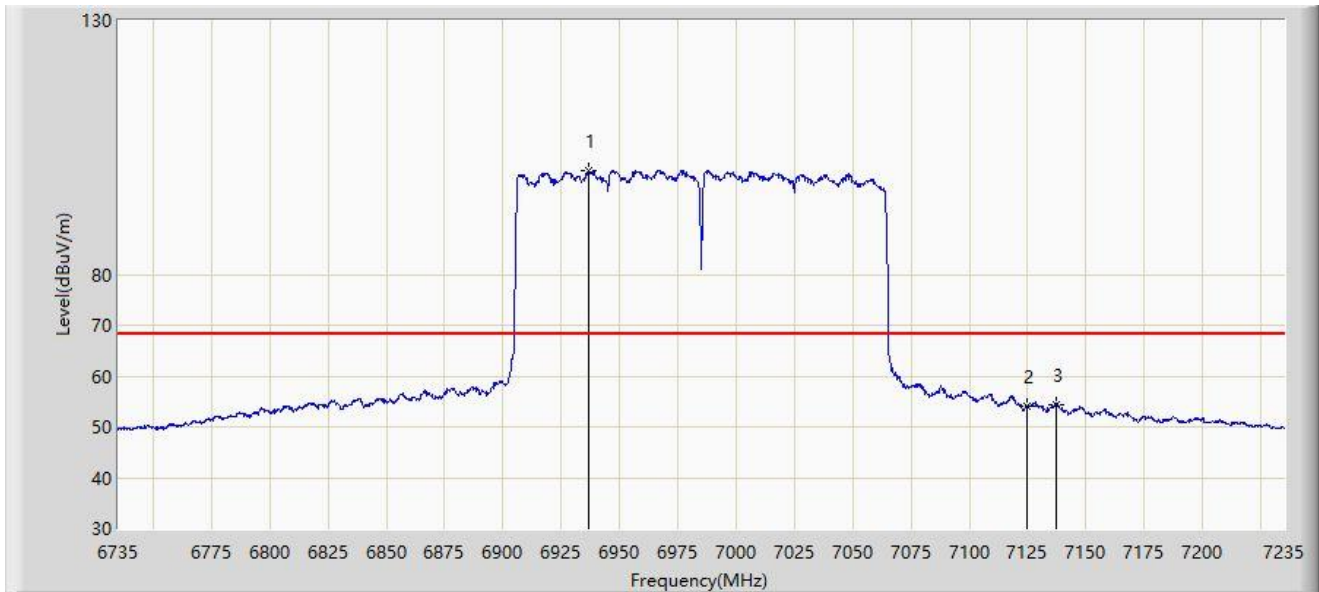
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		6948.500	111.308	103.349	N/A	N/A	7.959	PK
2		7125.000	78.346	69.318	-9.854	88.200	9.029	PK
3	*	7131.000	79.533	70.397	-8.667	88.200	9.136	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2023-08-25
Limit: FCC_6G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 6985MHz (Nss=2)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		6937.000	100.502	92.738	N/A	N/A	7.764	AV
2		7125.000	54.027	44.999	-14.173	68.200	9.029	AV
3	*	7137.500	54.384	45.142	-13.816	68.200	9.243	AV

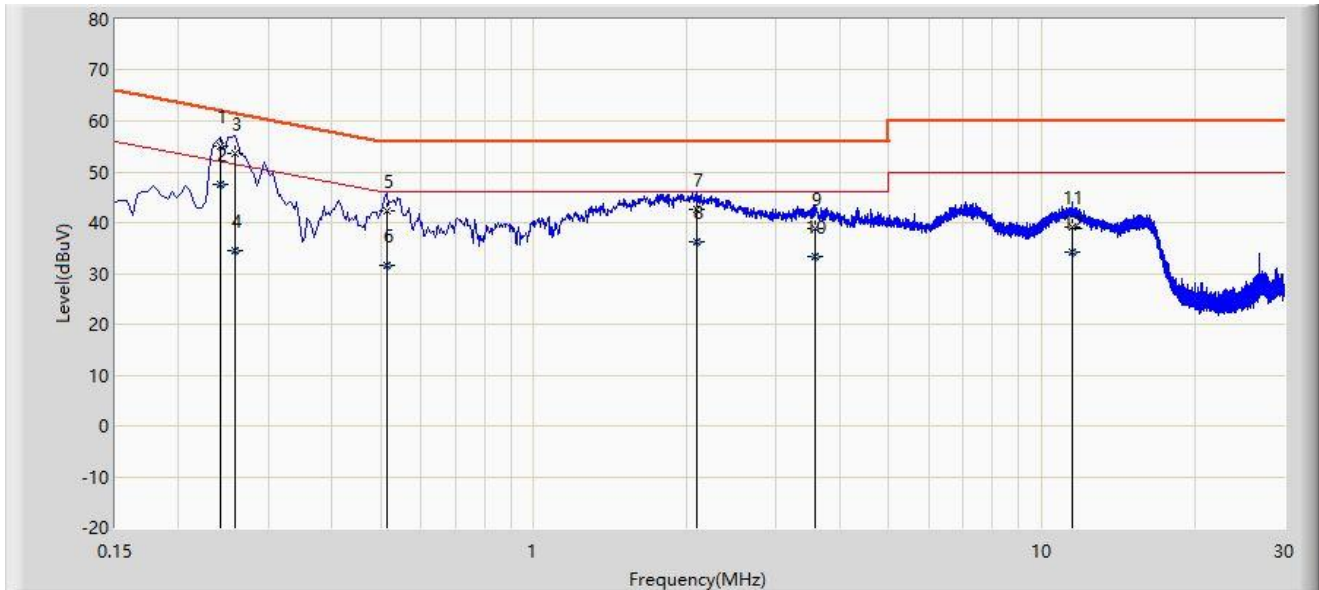
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

A.9 AC Conducted Emissions Test Result

Site: NS-SR2	Time: 2023-08-05
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E-2023	Polarity: Line
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmitter by 802.11ax-HE160 at 6345MHz	



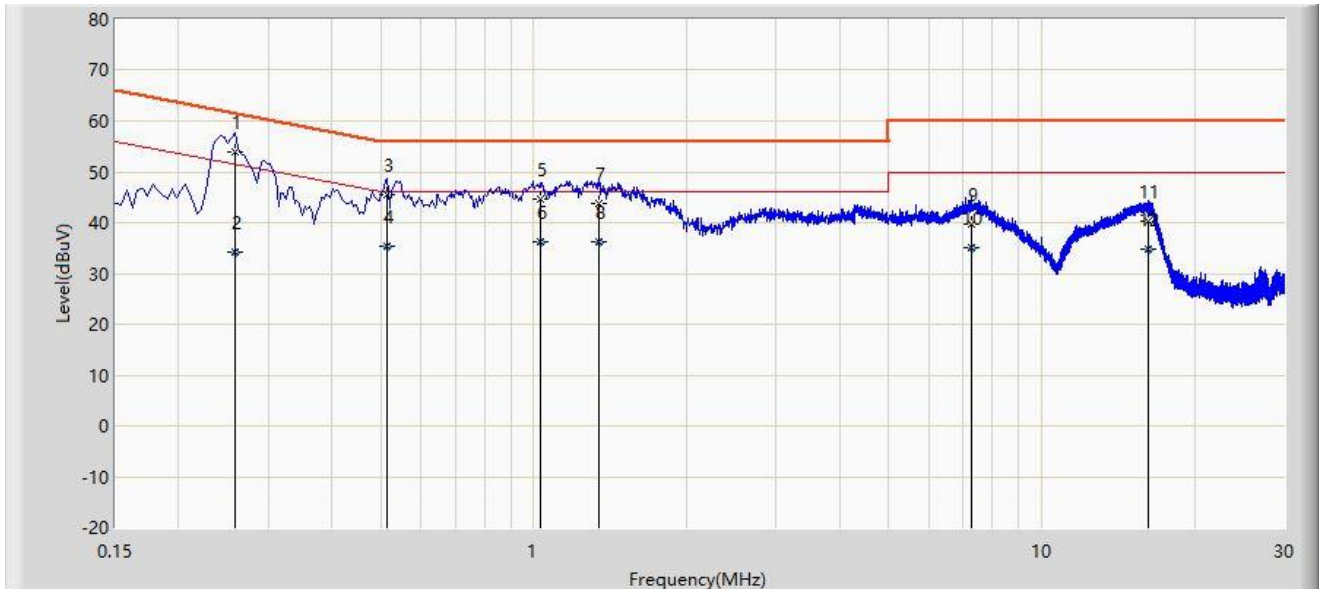
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.242	55.081	45.273	-6.946	62.027	9.808	QP
2	*	0.242	47.642	37.834	-4.386	52.027	9.808	AV
3		0.258	53.736	43.929	-7.760	61.496	9.807	QP
4		0.258	34.634	24.827	-16.861	51.496	9.807	AV
5		0.514	42.452	32.612	-13.548	56.000	9.840	QP
6		0.514	31.670	21.830	-14.330	46.000	9.840	AV
7		2.090	42.753	32.618	-13.247	56.000	10.136	QP
8		2.090	36.250	26.114	-9.750	46.000	10.136	AV
9		3.578	38.788	28.276	-17.212	56.000	10.512	QP
10		3.578	33.441	22.929	-12.559	46.000	10.512	AV
11		11.474	39.245	27.575	-20.755	60.000	11.669	QP
12		11.474	34.265	22.595	-15.735	50.000	11.669	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Time: 2023-08-05
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E-2023	Polarity: Neutral
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmitter by 802.11ax-HE160 at 6345MHz	



No	Mark	Frequency (MHz)	Measure Level (dB μ V)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V)	Factor (dB)	Type
1	*	0.258	53.781	43.954	-7.715	61.496	9.826	QP
2		0.258	34.274	24.447	-17.222	51.496	9.826	AV
3		0.514	45.602	35.730	-10.398	56.000	9.872	QP
4		0.514	35.307	25.436	-10.693	46.000	9.872	AV
5		1.034	44.722	34.750	-11.278	56.000	9.972	QP
6		1.034	36.324	26.352	-9.676	46.000	9.972	AV
7		1.342	43.784	33.755	-12.216	56.000	10.029	QP
8		1.342	36.359	26.330	-9.641	46.000	10.029	AV
9		7.286	39.756	29.038	-20.244	60.000	10.718	QP
10		7.286	35.136	24.418	-14.864	50.000	10.718	AV
11		16.158	40.309	28.927	-19.691	60.000	11.381	QP
12		16.158	34.832	23.451	-15.168	50.000	11.381	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B – Test Setup Photograph

Refer to “2307RSU051-UT” file.

Appendix C – EUT Photograph

Refer to “2307RSU057-UE” file.

————— The End —————