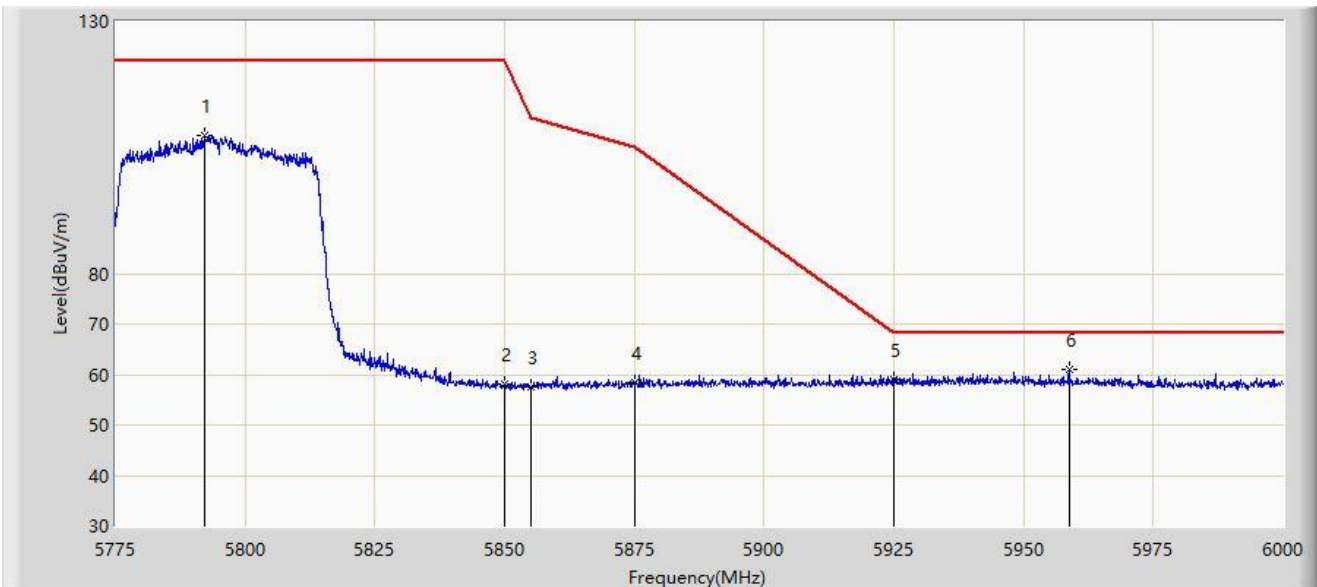


Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



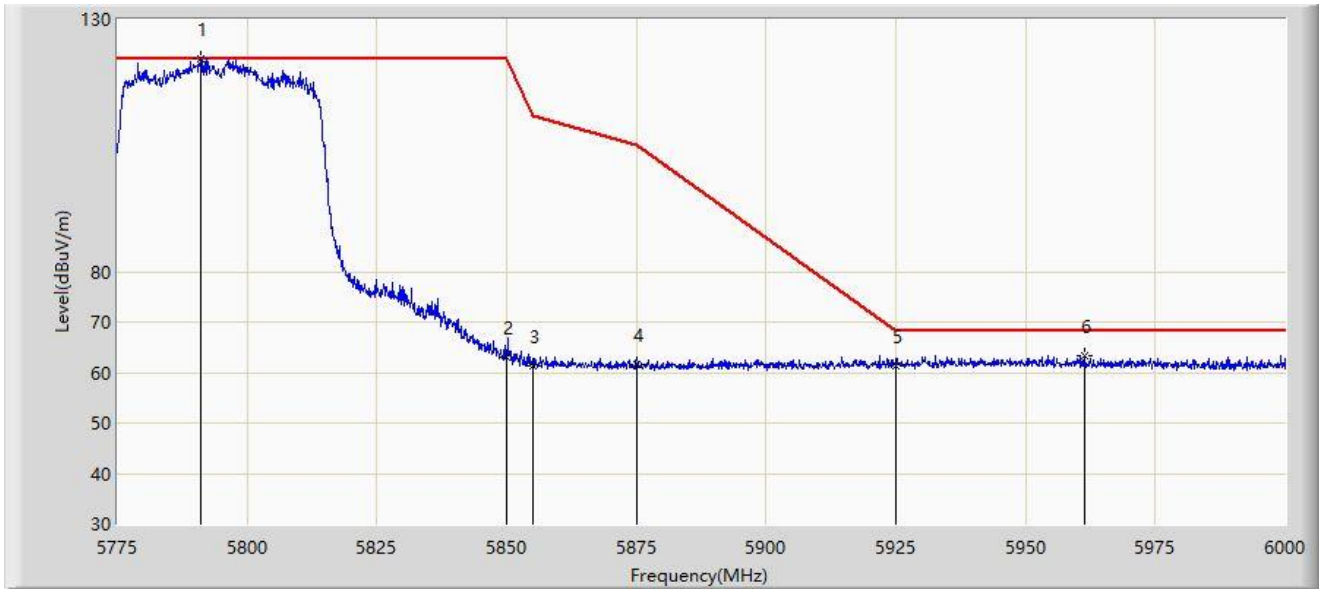
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5792.100	107.363	104.177	N/A	N/A	3.186	PK
2		5850.000	58.055	54.723	-64.145	122.200	3.333	PK
3		5855.000	57.552	54.212	-53.248	110.800	3.340	PK
4		5875.000	58.422	55.028	-46.778	105.200	3.393	PK
5		5925.000	58.915	55.150	-9.285	68.200	3.766	PK
6	*	5958.712	61.112	57.249	-7.088	68.200	3.862	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_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-HE40 at 5795MHz	



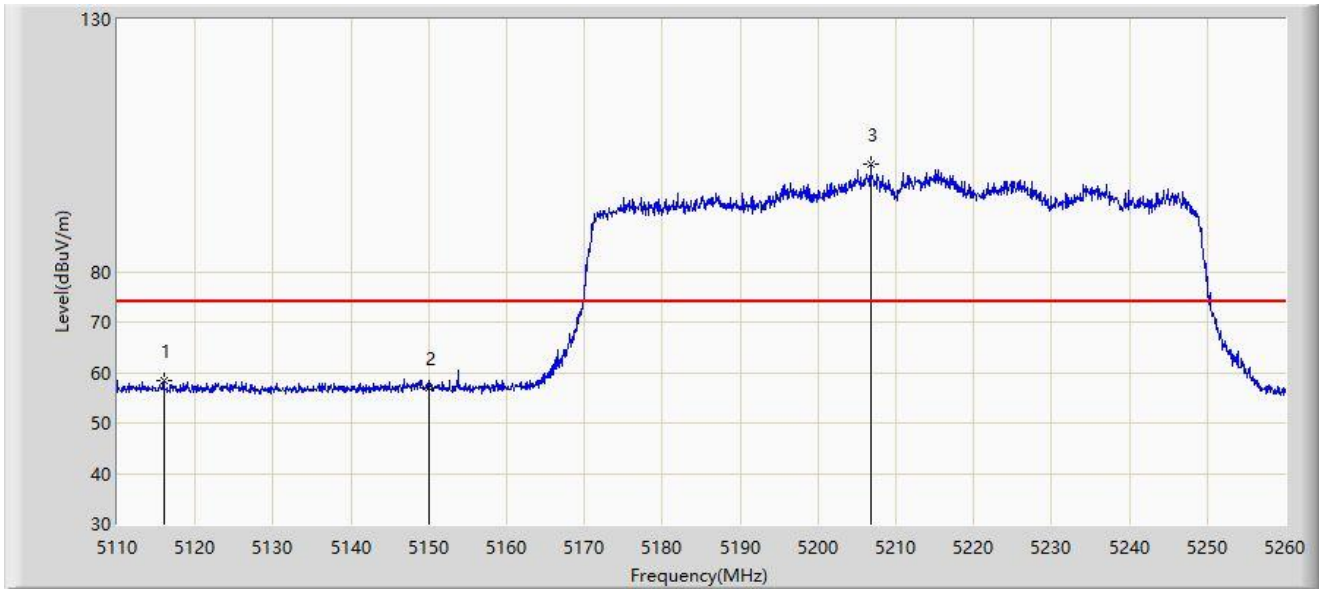
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5790.975	122.243	119.068	N/A	N/A	3.175	PK
2		5850.000	62.900	59.568	-59.300	122.200	3.333	PK
3		5855.000	61.269	57.929	-49.531	110.800	3.340	PK
4		5875.000	61.734	58.340	-43.466	105.200	3.393	PK
5		5925.000	61.282	57.517	-6.918	68.200	3.766	PK
6	*	5961.300	63.193	59.354	-5.007	68.200	3.839	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-07-26
Limit: FCC_5G_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-HE80 at 5210MHz	



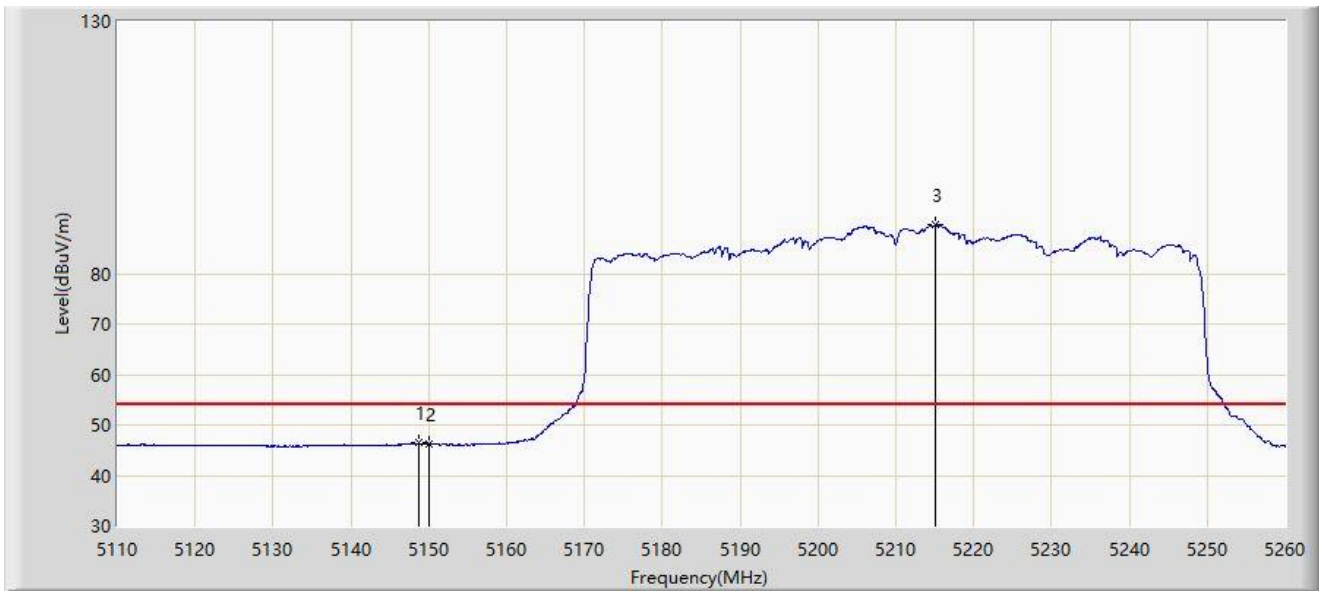
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5115.925	58.523	56.291	-15.477	74.000	2.232	PK
2		5150.000	56.872	54.313	-17.128	74.000	2.559	PK
3		5206.750	101.224	99.243	N/A	N/A	1.981	PK

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	Test Date: 2023-07-26
Limit: FCC_5G_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-HE80 at 5210MHz	



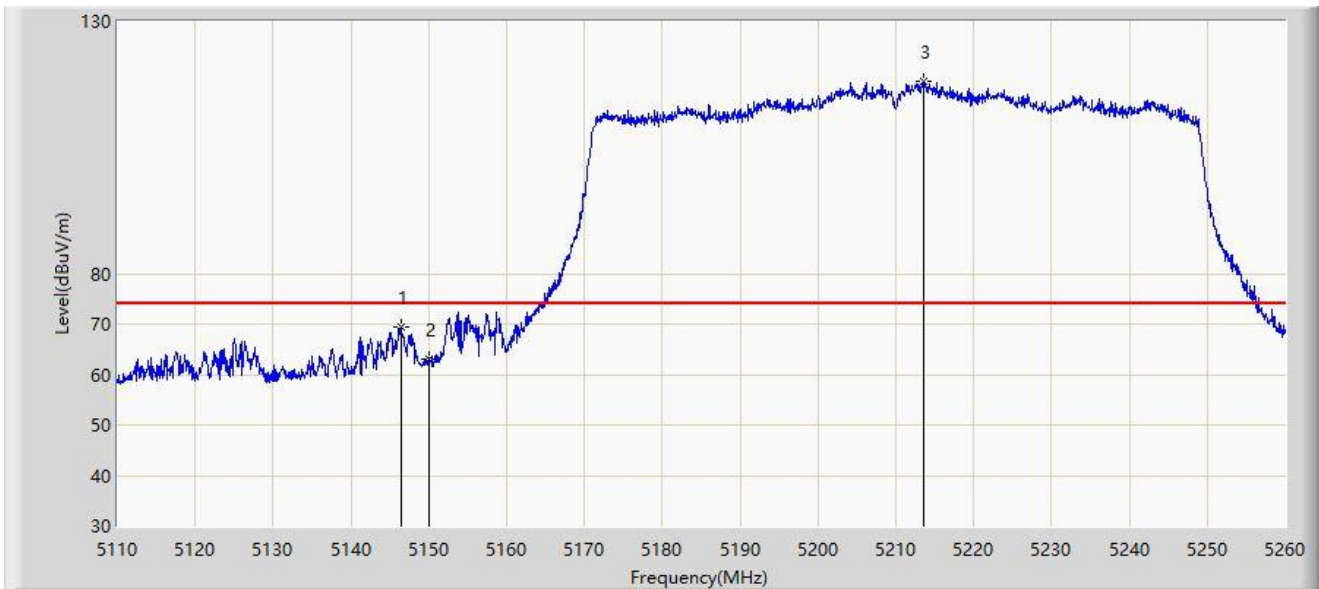
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5148.775	46.452	43.884	-7.548	54.000	2.568	AV
2		5150.000	46.232	43.673	-7.768	54.000	2.559	AV
3		5215.000	89.588	87.394	N/A	N/A	2.194	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-07-26
Limit: FCC_5G_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-HE80 at 5210MHz	



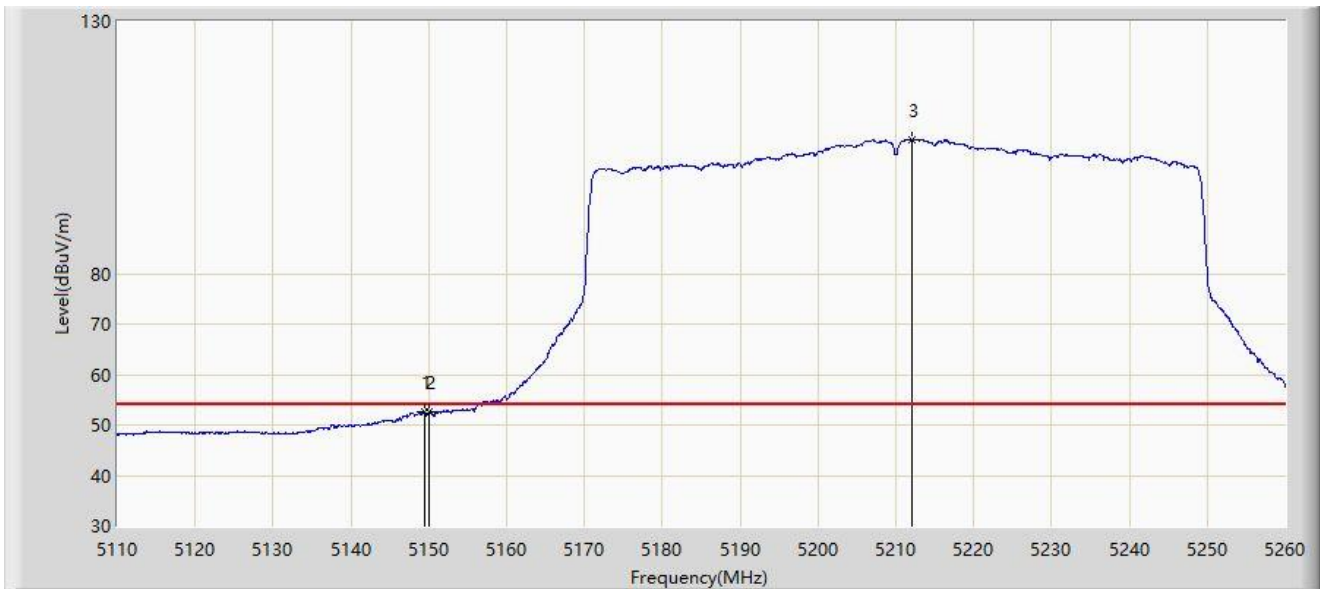
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5146.375	69.349	66.812	-4.651	74.000	2.537	PK
2		5150.000	63.054	60.495	-10.946	74.000	2.559	PK
3		5213.650	118.167	116.008	N/A	N/A	2.158	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-07-26
Limit: FCC_5G_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-HE80 at 5210MHz	



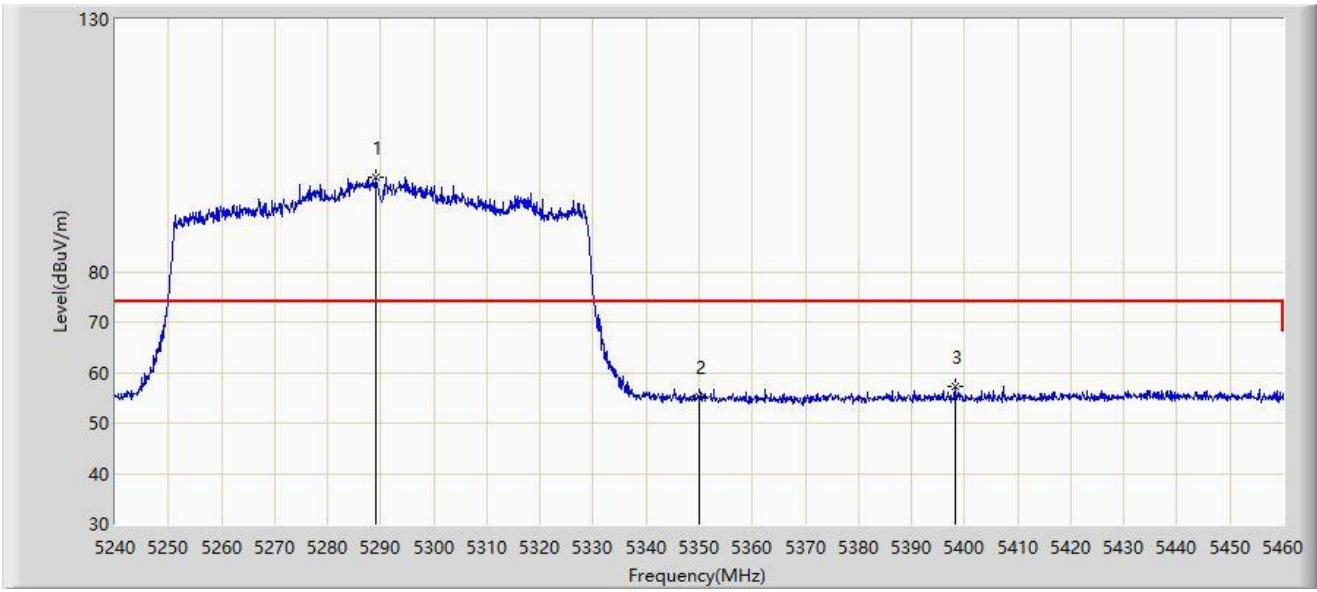
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5149.450	52.578	50.015	-1.422	54.000	2.563	AV
2		5150.000	52.492	49.933	-1.508	54.000	2.559	AV
3		5212.075	106.661	104.542	N/A	N/A	2.119	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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-HE80 at 5290MHz	



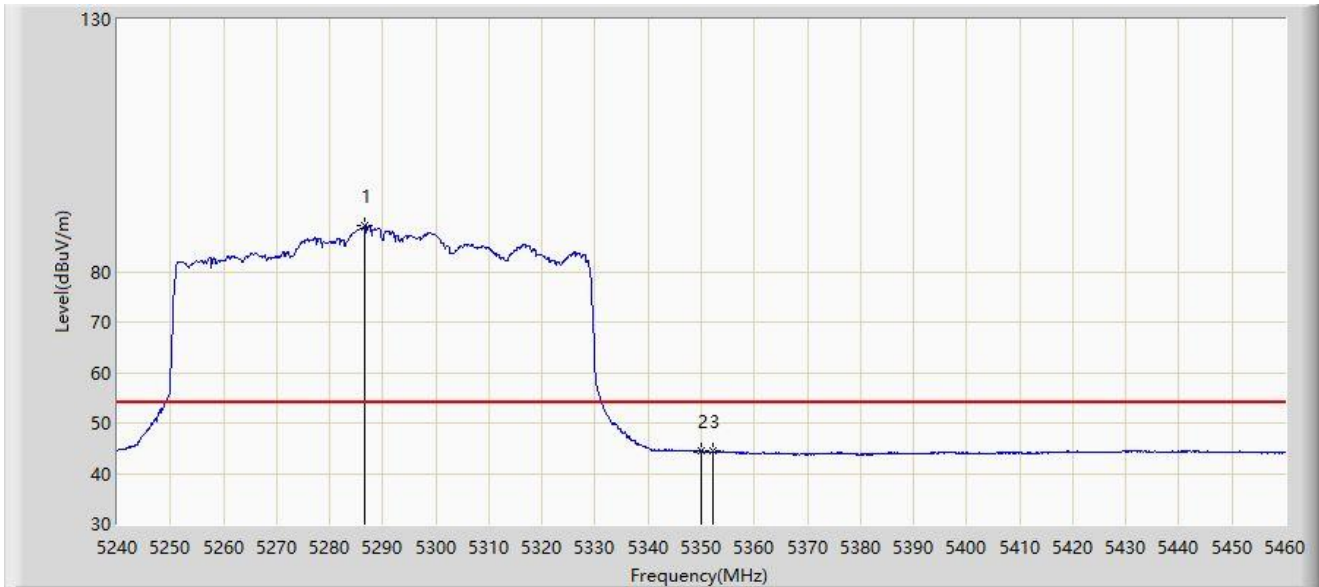
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5289.170	98.797	96.959	N/A	N/A	1.839	PK
2		5350.000	55.143	53.633	-18.857	74.000	1.510	PK
3	*	5398.180	57.200	55.387	-16.800	74.000	1.813	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5286.530	89.016	87.161	N/A	N/A	1.854	AV
2	*	5350.000	44.413	42.903	-9.587	54.000	1.510	AV
3		5352.090	44.398	42.891	-9.602	54.000	1.507	AV

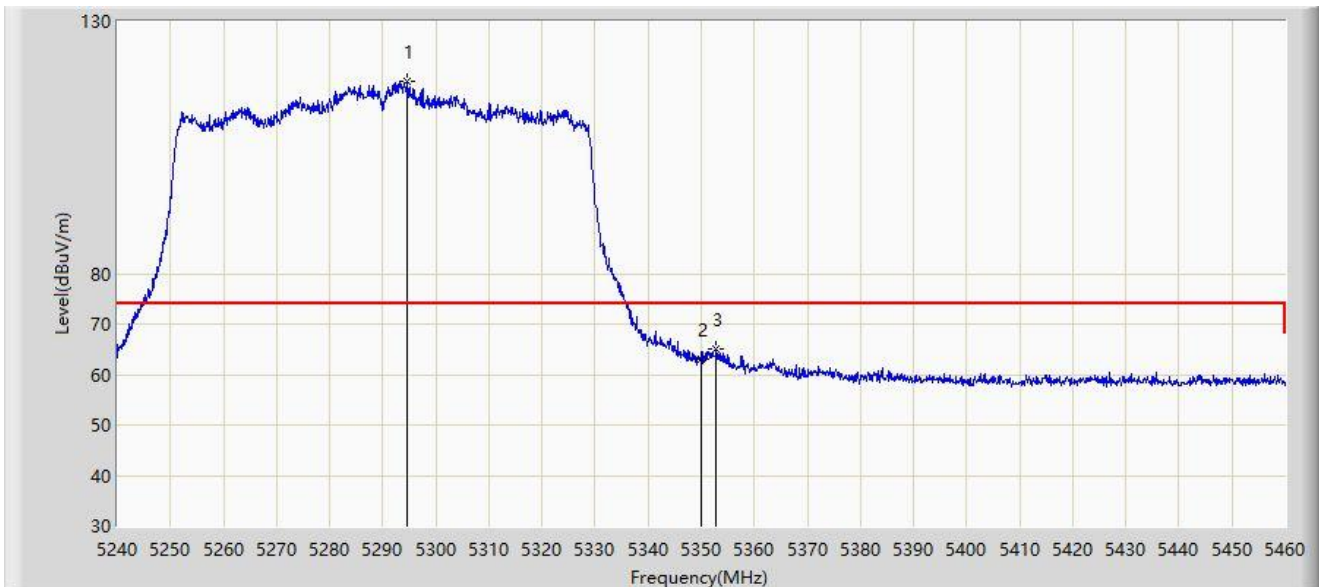
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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



Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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-HE80 at 5290MHz	



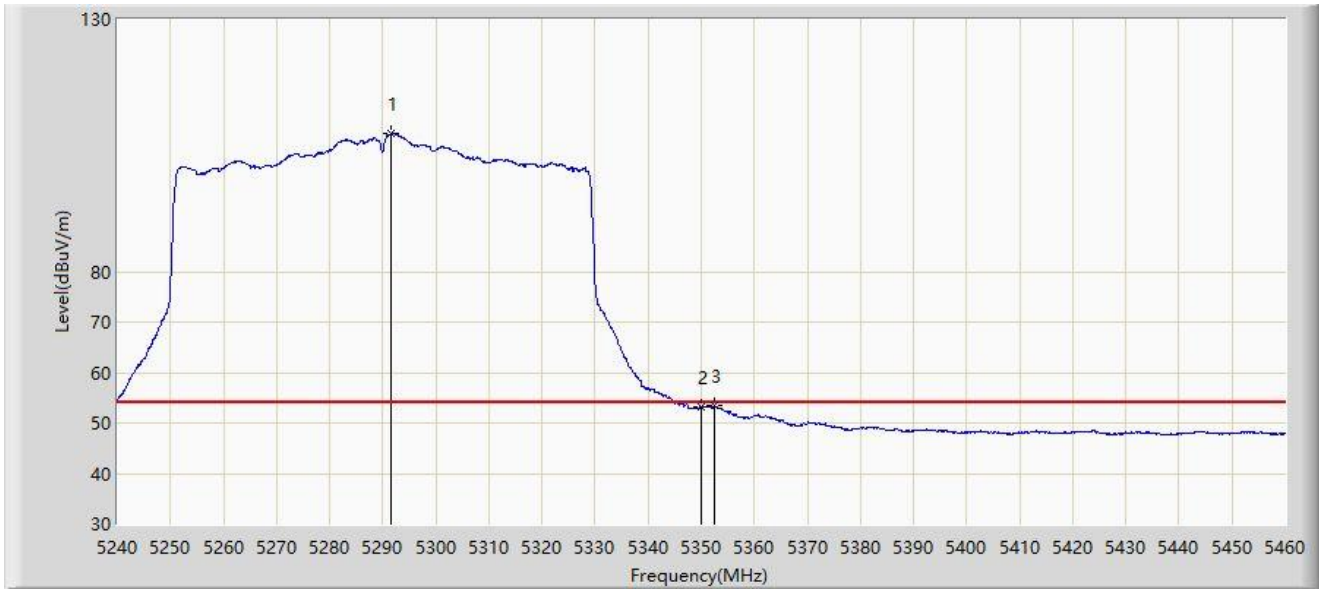
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5294.560	118.062	116.257	N/A	N/A	1.805	PK
2		5350.000	63.015	61.505	-10.985	74.000	1.510	PK
3	*	5352.750	65.082	63.565	-8.918	74.000	1.517	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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-HE80 at 5290MHz	



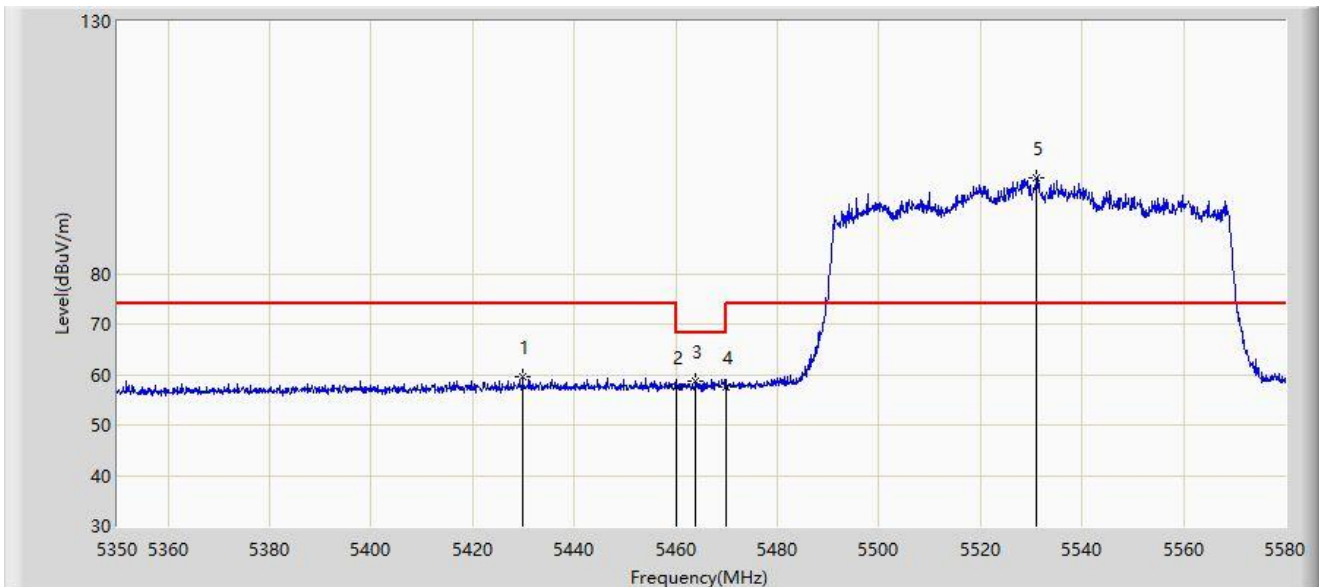
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5291.590	107.348	105.524	N/A	N/A	1.824	AV
2		5350.000	53.073	51.563	-0.927	54.000	1.510	AV
3	*	5352.530	53.507	51.994	-0.493	54.000	1.513	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5530MHz	



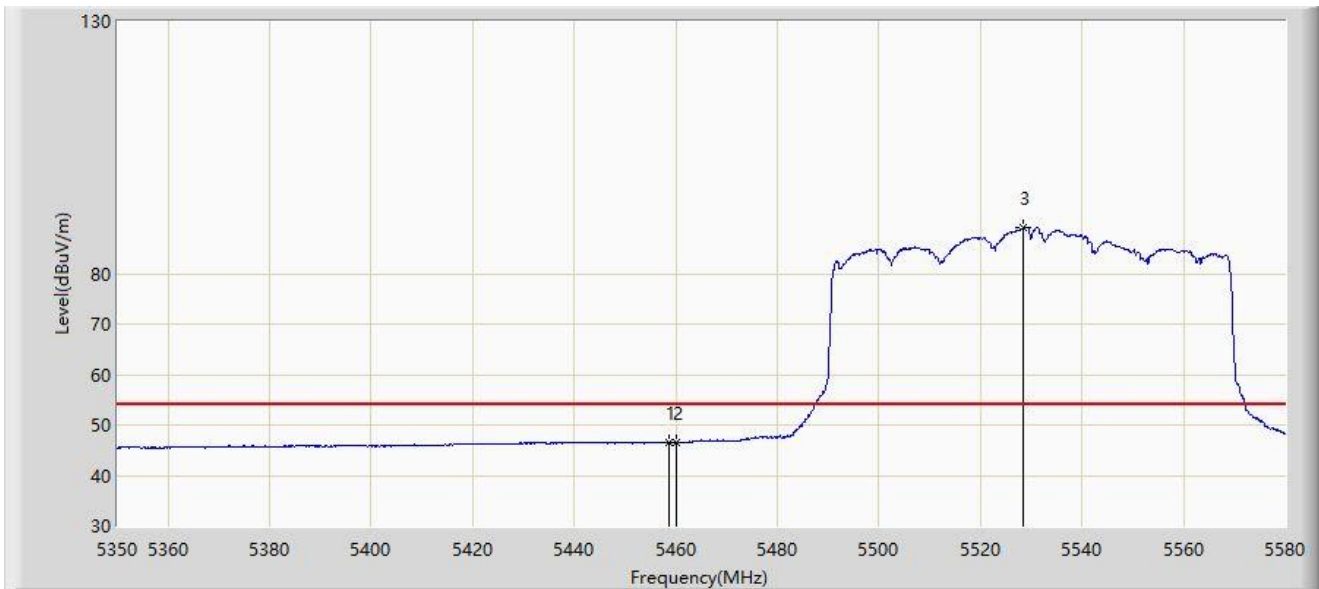
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5429.810	59.520	57.294	-14.480	74.000	2.226	PK
2		5460.000	57.672	55.565	-16.328	74.000	2.108	PK
3	*	5463.850	58.770	56.622	-9.430	68.200	2.147	PK
4		5470.000	57.578	55.366	-10.622	68.200	2.212	PK
5		5531.010	99.115	97.027	N/A	N/A	2.088	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	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5530MHz	



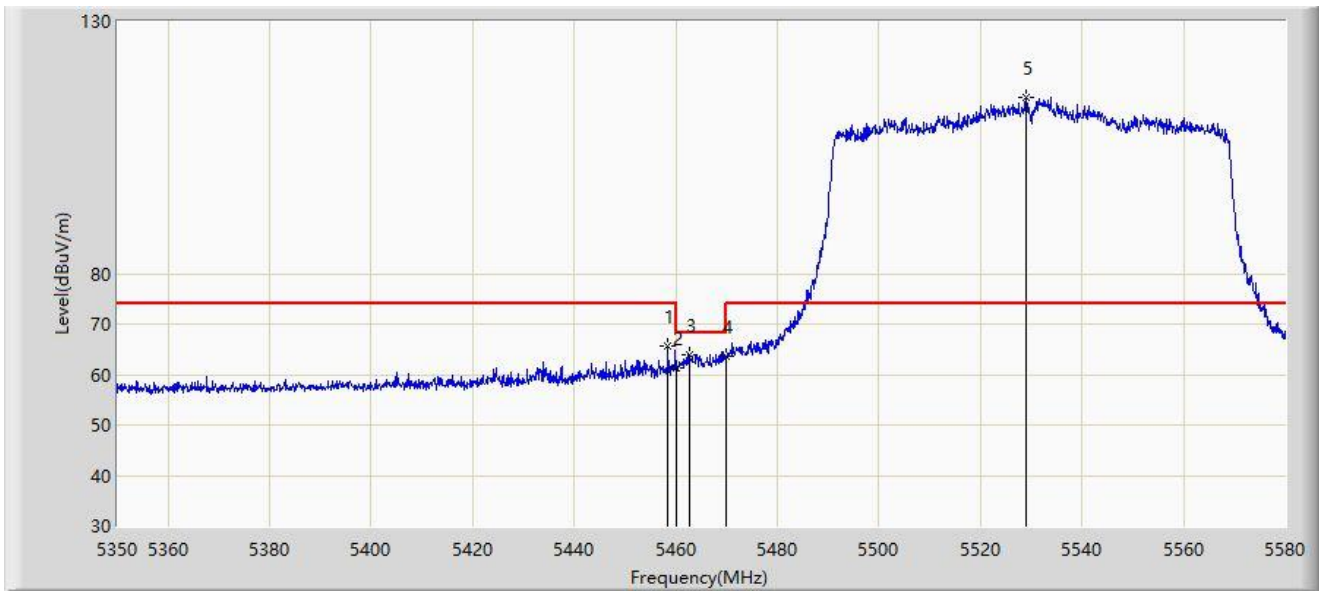
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5458.790	46.645	44.551	-7.355	54.000	2.094	AV
2		5460.000	46.451	44.344	-7.549	54.000	2.108	AV
3		5528.480	89.158	87.135	N/A	N/A	2.024	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5530MHz	



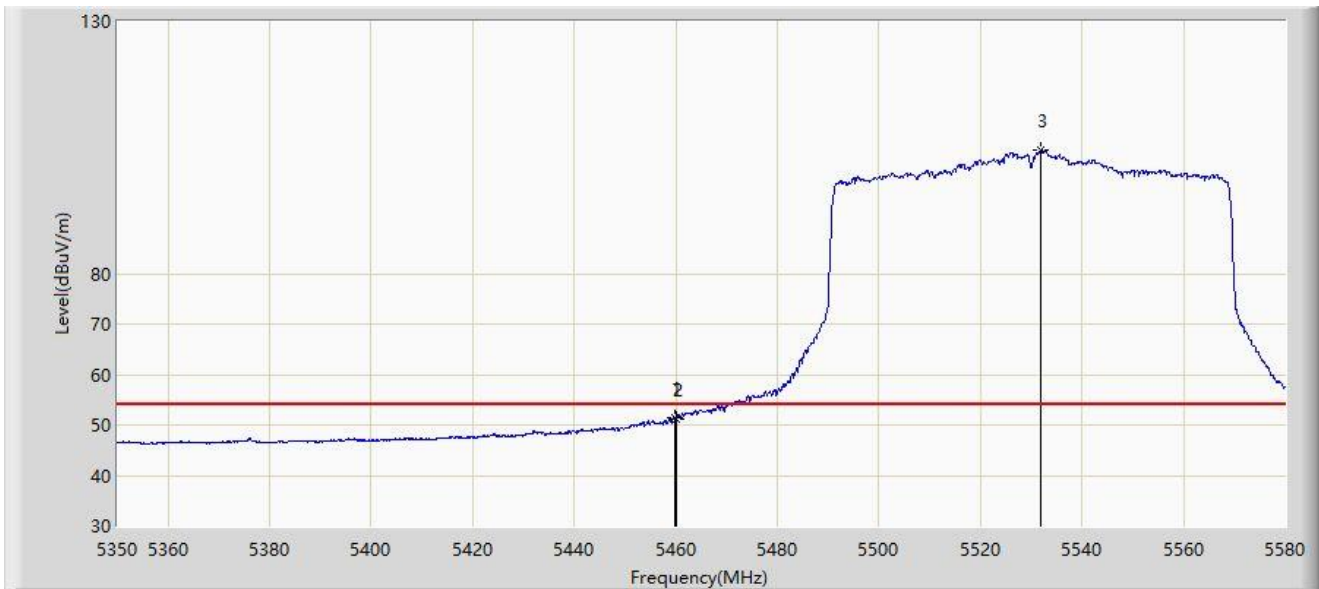
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.445	65.687	63.596	-8.313	74.000	2.091	PK
2		5460.000	61.316	59.209	-12.684	74.000	2.108	PK
3	*	5462.700	64.014	61.878	-4.186	68.200	2.135	PK
4		5470.000	63.557	61.345	-4.643	68.200	2.212	PK
5		5529.055	114.959	112.921	N/A	N/A	2.038	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	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5530MHz	



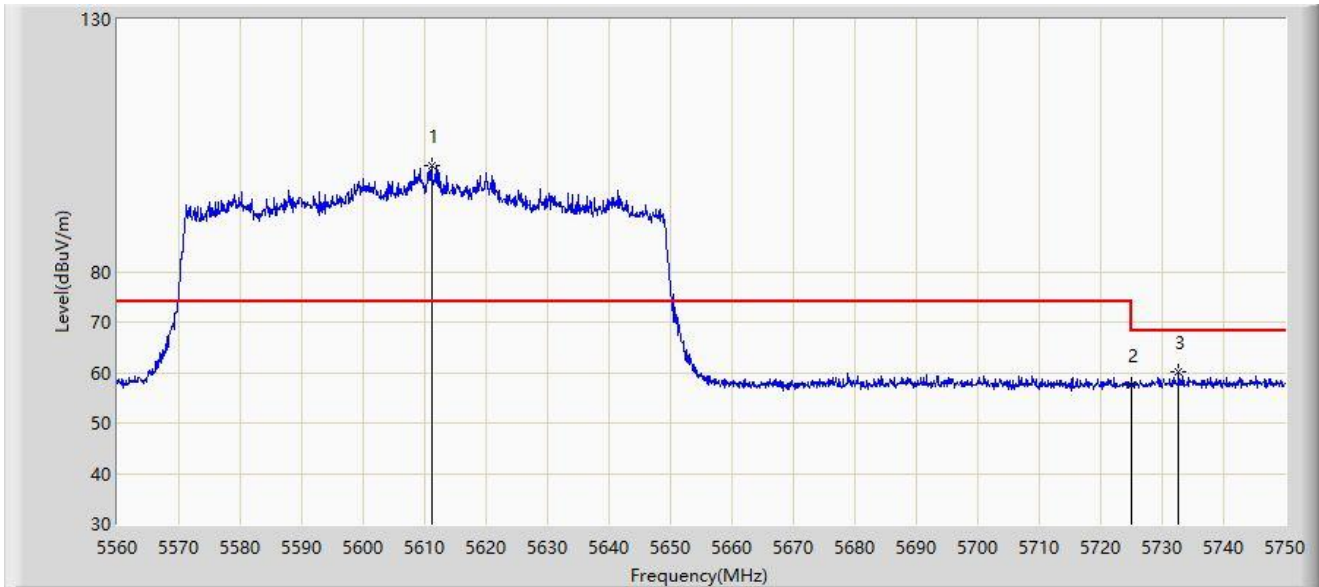
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5459.710	51.528	49.424	-2.472	54.000	2.104	AV
2		5460.000	51.232	49.125	-2.768	54.000	2.108	AV
3		5531.930	104.391	102.279	N/A	N/A	2.111	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5610MHz	



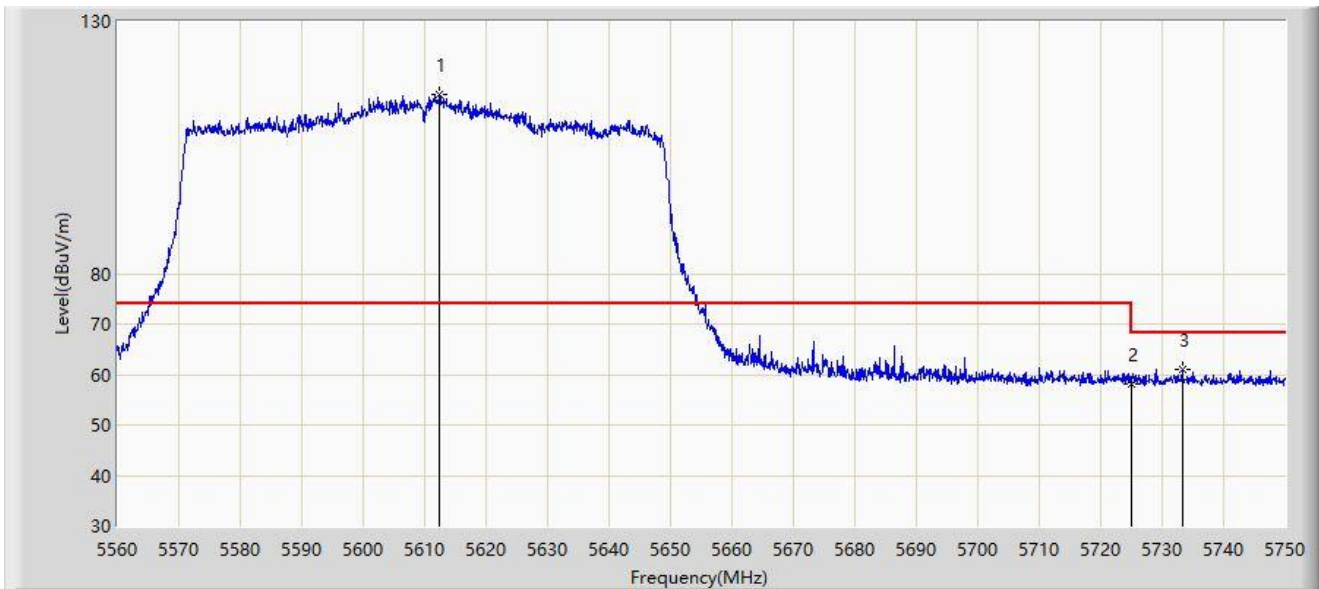
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5611.110	100.931	98.515	N/A	N/A	2.417	PK
2		5725.000	57.441	54.597	-10.759	68.200	2.844	PK
3	*	5732.710	60.245	57.324	-7.955	68.200	2.921	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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-HE80 at 5610MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5612.440	115.492	113.079	N/A	N/A	2.414	PK
2		5725.000	58.224	55.380	-9.976	68.200	2.844	PK
3	*	5733.280	60.940	58.013	-7.260	68.200	2.927	PK

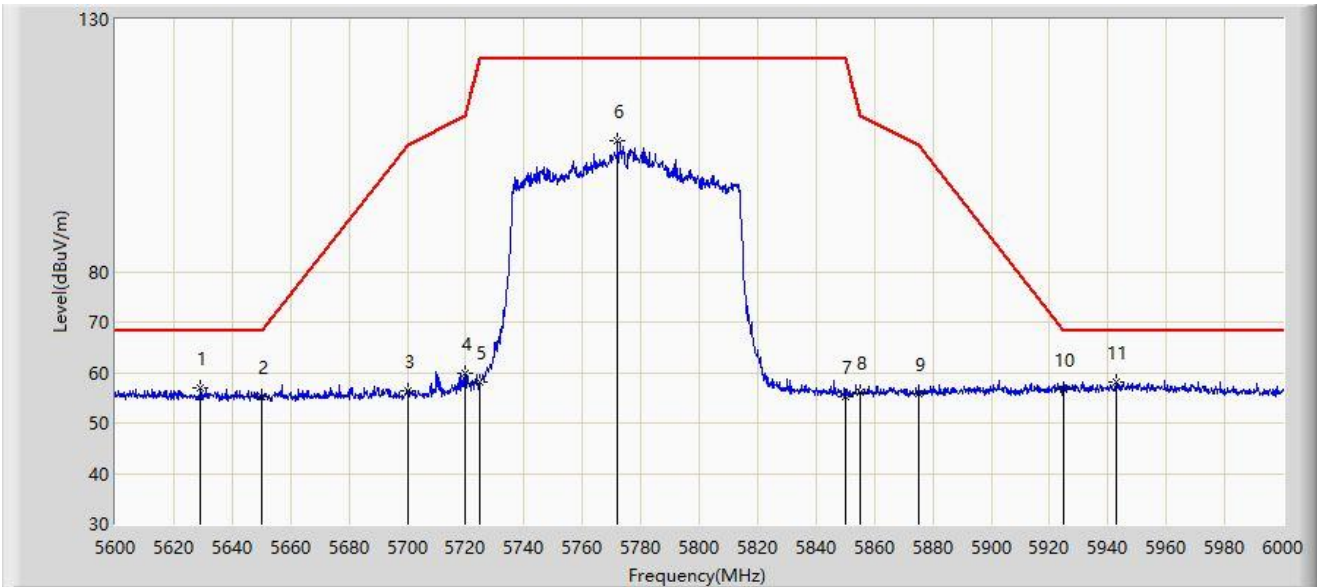
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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



Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_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-HE80 at 5775MHz	



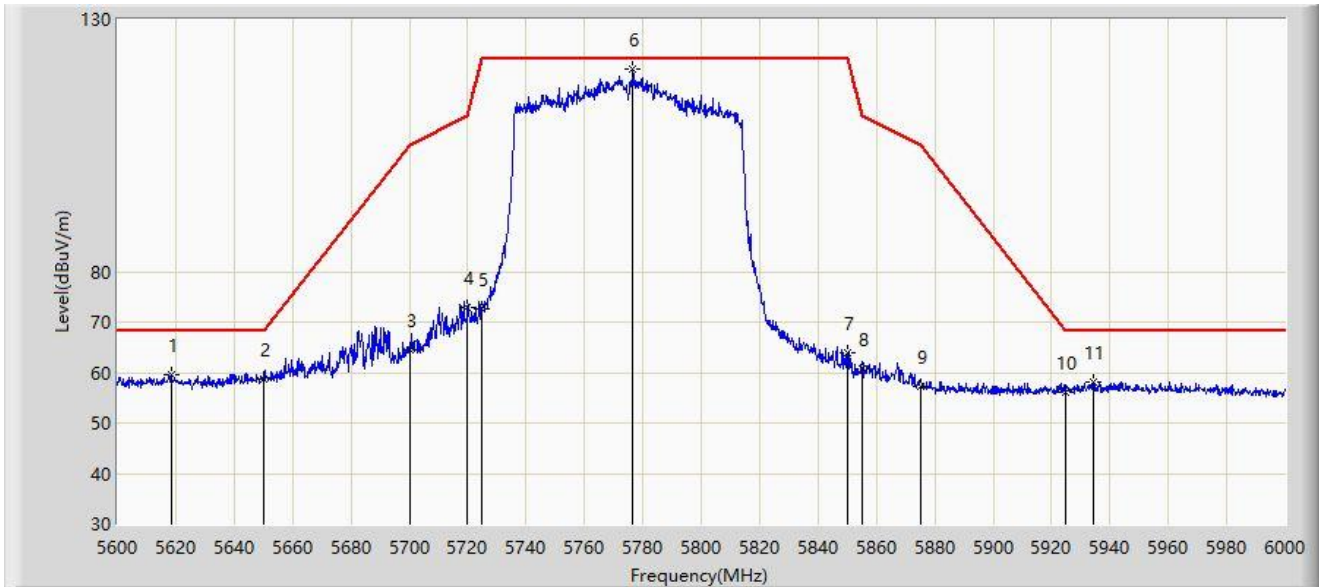
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5629.200	56.905	54.476	-11.295	68.200	2.430	PK
2		5650.000	55.160	52.609	-13.040	68.200	2.552	PK
3		5700.000	56.502	53.635	-48.698	105.200	2.867	PK
4		5720.000	59.888	57.078	-50.912	110.800	2.810	PK
5		5725.000	58.078	55.234	-64.122	122.200	2.844	PK
6		5772.000	105.844	102.763	N/A	N/A	3.080	PK
7		5850.000	55.219	51.887	-66.981	122.200	3.333	PK
8		5855.000	56.221	52.881	-54.579	110.800	3.340	PK
9		5875.000	55.883	52.489	-49.317	105.200	3.393	PK
10		5925.000	56.555	52.790	-11.645	68.200	3.766	PK
11	*	5943.000	58.187	54.241	-10.013	68.200	3.946	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	Test Date: 2023-08-01
Limit: FCC_5.8G_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-HE80 at 5775MHz	



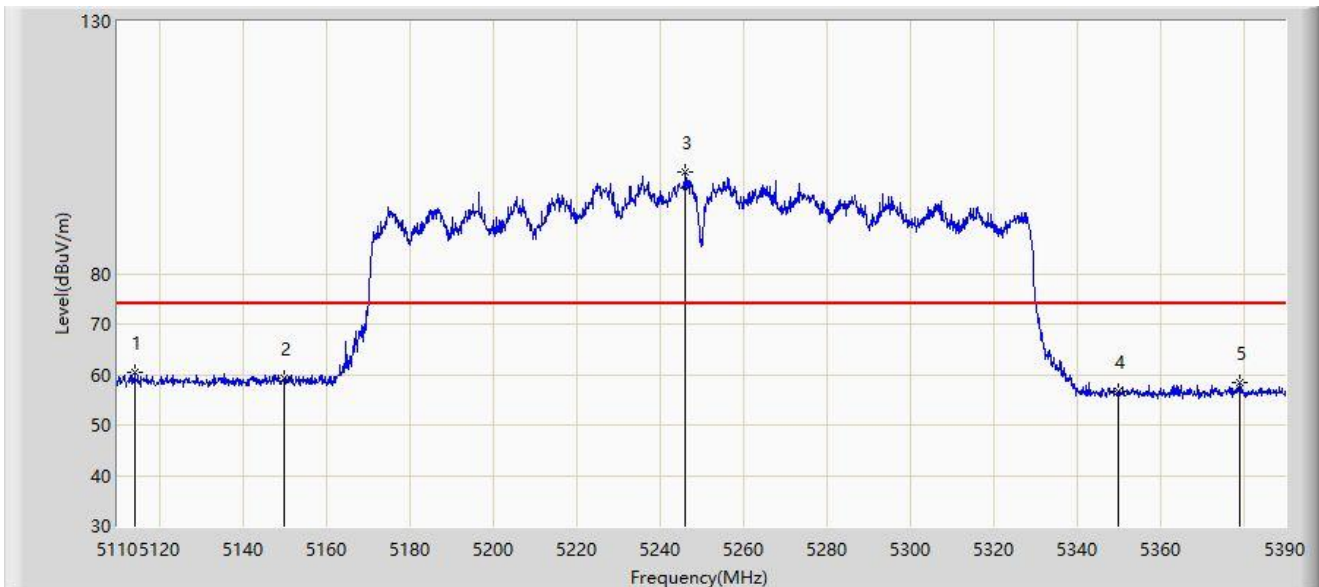
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5618.400	59.429	57.030	-8.771	68.200	2.399	PK
2		5650.000	58.683	56.132	-9.517	68.200	2.552	PK
3		5700.000	64.513	61.646	-40.687	105.200	2.867	PK
4		5720.000	73.024	70.214	-37.776	110.800	2.810	PK
5		5725.000	72.583	69.739	-49.617	122.200	2.844	PK
6		5776.600	120.251	117.205	N/A	N/A	3.046	PK
7		5850.000	63.973	60.641	-58.227	122.200	3.333	PK
8		5855.000	60.613	57.273	-50.187	110.800	3.340	PK
9		5875.000	57.205	53.811	-47.995	105.200	3.393	PK
10		5925.000	56.199	52.434	-12.001	68.200	3.766	PK
11		5934.200	58.145	54.253	-10.055	68.200	3.892	PK

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).

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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 5250MHz	



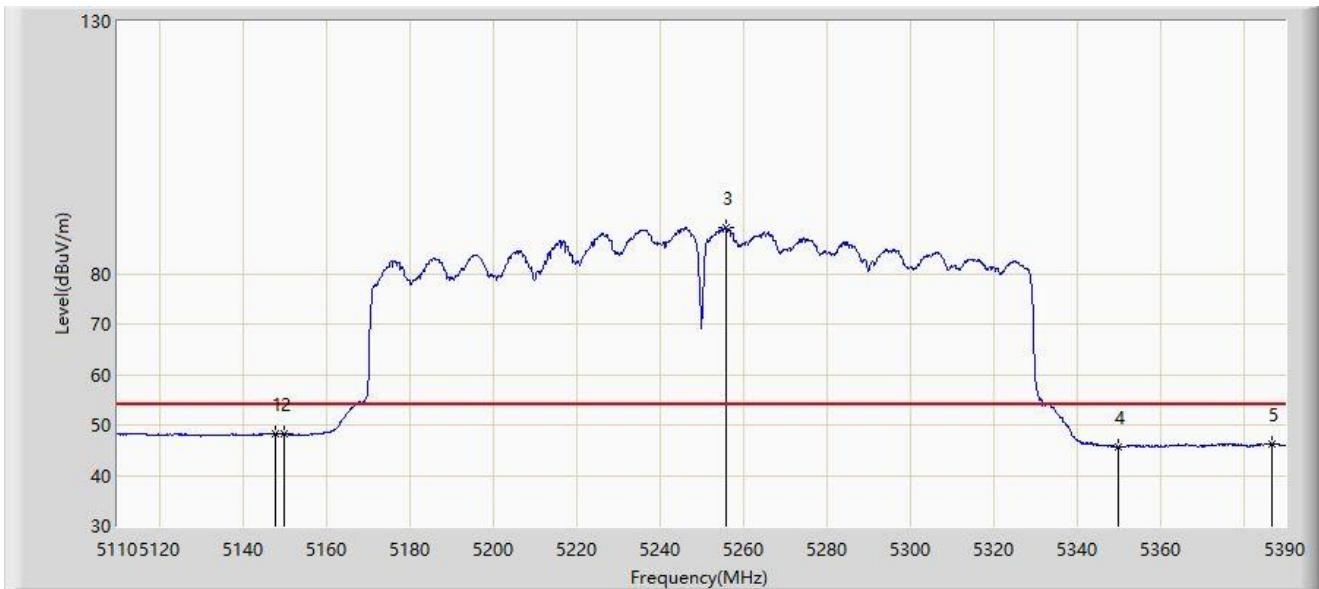
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5114.060	60.526	58.289	-13.474	74.000	2.237	PK
2		5150.000	59.138	56.579	-14.862	74.000	2.559	PK
3		5246.220	100.220	98.411	N/A	N/A	1.809	PK
4		5350.000	56.523	55.013	-17.477	74.000	1.510	PK
5		5379.080	58.424	56.652	-15.576	74.000	1.772	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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 5250MHz	



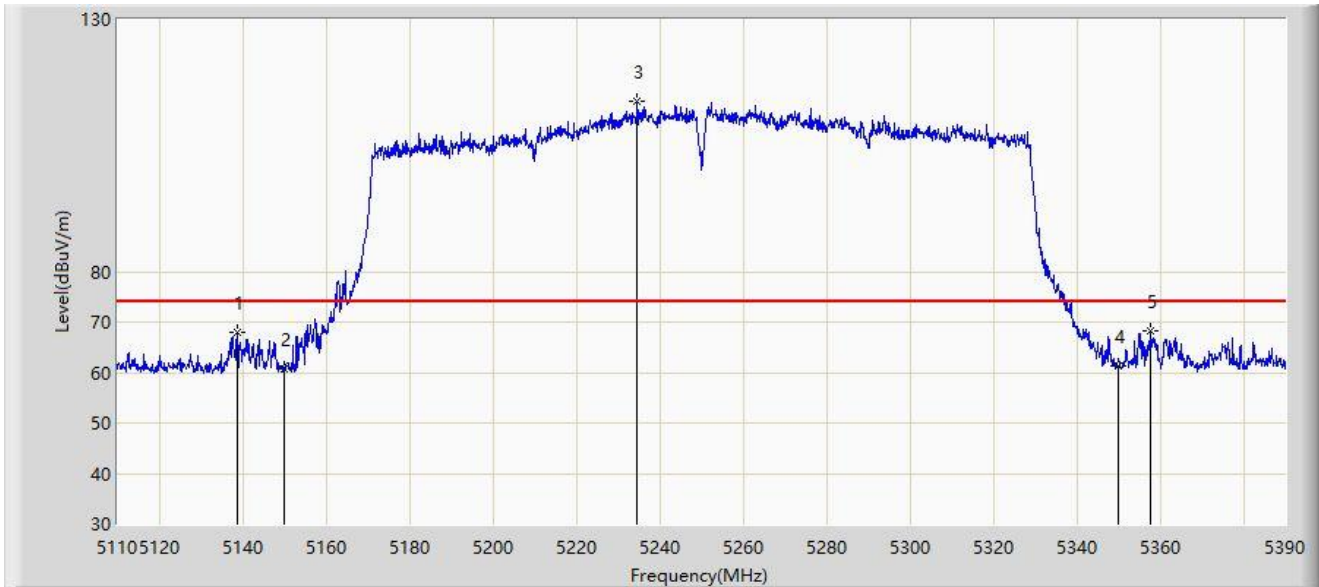
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5147.800	48.348	45.779	-5.652	54.000	2.568	AV
2		5150.000	48.162	45.603	-5.838	54.000	2.559	AV
3		5255.880	89.233	87.561	N/A	N/A	1.671	AV
4		5350.000	45.713	44.203	-8.287	54.000	1.510	AV
5		5386.780	46.350	44.558	-7.650	54.000	1.792	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_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 5250MHz	



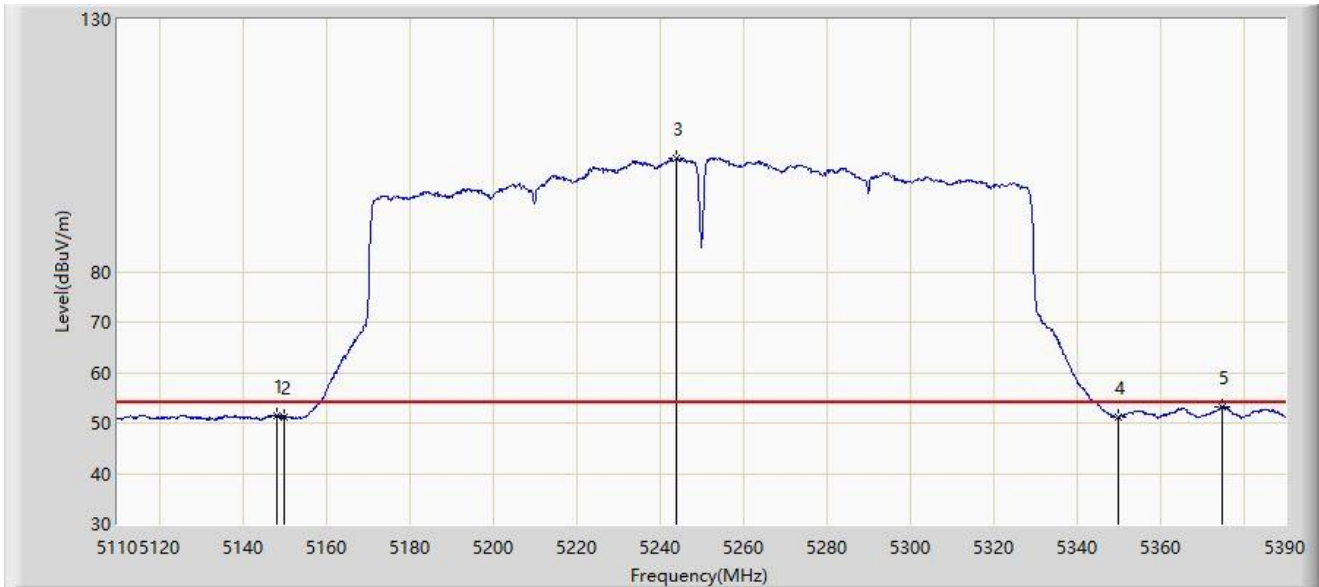
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5138.840	68.052	65.682	-5.948	74.000	2.369	PK
2		5150.000	60.810	58.251	-13.190	74.000	2.559	PK
3		5234.600	113.790	111.745	N/A	N/A	2.046	PK
4		5350.000	61.276	59.766	-12.724	74.000	1.510	PK
5	*	5357.660	68.400	66.815	-5.600	74.000	1.585	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	Test Date: 2023-08-03
Limit: FCC_5G_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 5250MHz	



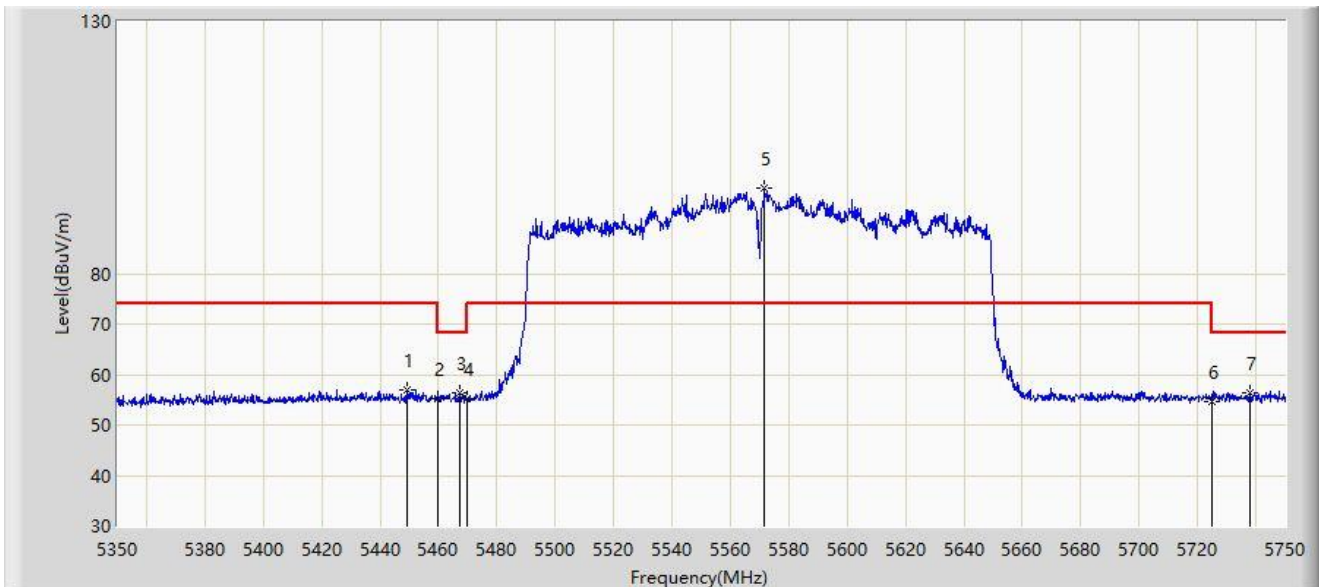
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		5148.080	51.526	48.954	-2.474	54.000	2.573	AV
2		5150.000	51.085	48.526	-2.915	54.000	2.559	AV
3		5244.120	102.354	100.502	N/A	N/A	1.852	AV
4		5350.000	51.096	49.586	-2.904	54.000	1.510	AV
5	*	5375.020	53.302	51.541	-0.698	54.000	1.761	AV

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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 5570MHz	



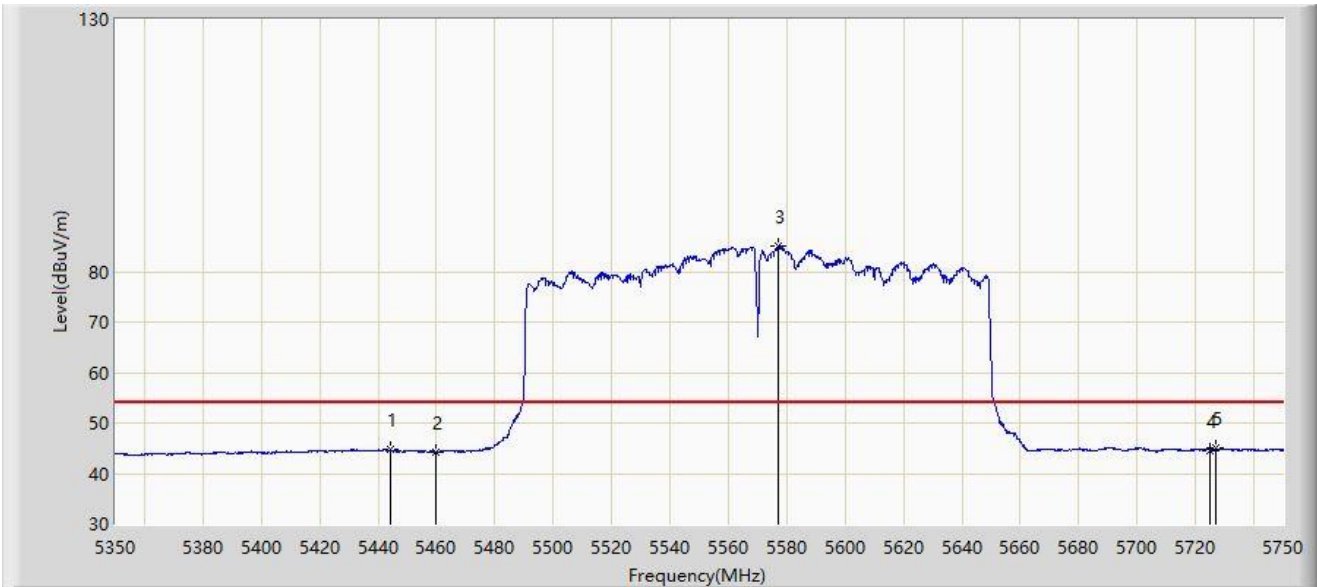
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5449.400	56.887	54.772	-17.113	74.000	2.115	PK
2		5460.000	55.160	53.053	-18.840	74.000	2.108	PK
3	*	5467.200	56.369	54.186	-11.831	68.200	2.183	PK
4		5470.000	55.104	52.892	-13.096	68.200	2.212	PK
5		5571.800	96.902	94.401	N/A	N/A	2.502	PK
6		5725.000	54.712	51.868	-13.488	68.200	2.844	PK
7		5738.000	56.340	53.364	-11.860	68.200	2.976	PK

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).

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5444.000	44.691	42.493	-9.309	54.000	2.198	AV
2		5460.000	44.292	42.185	-9.708	54.000	2.108	AV
3		5577.200	85.042	82.613	N/A	N/A	2.429	AV
4		5725.000	44.634	41.790	-9.366	54.000	2.844	AV
5	*	5726.800	44.972	42.113	-9.028	54.000	2.860	AV

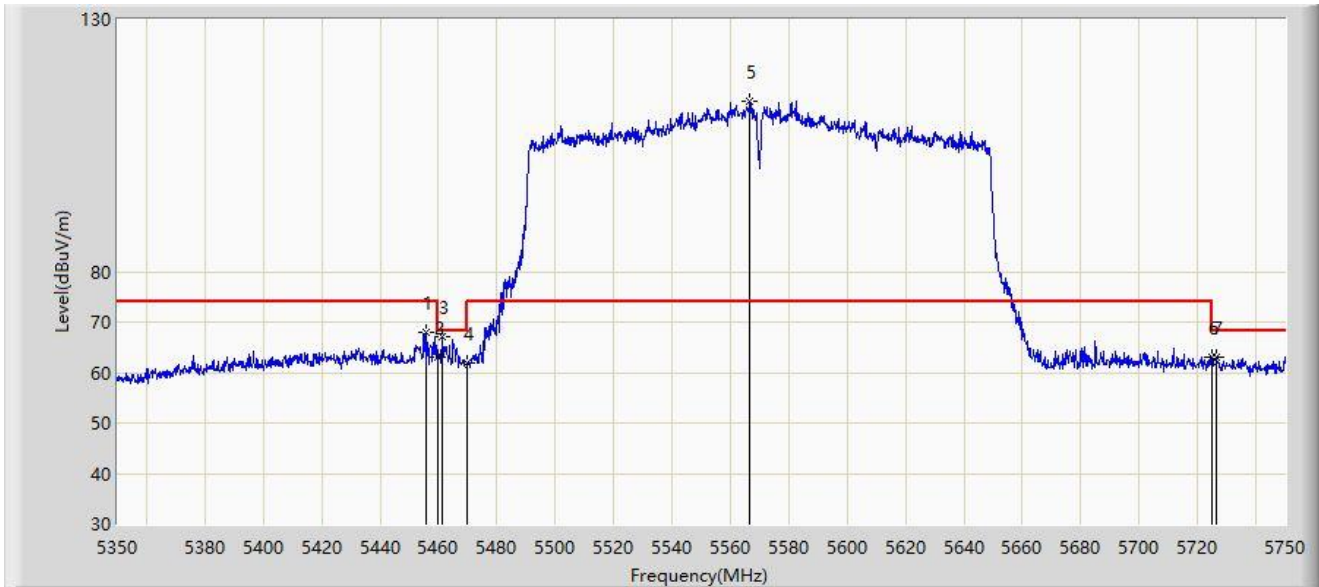
Note 1: " \* ", means this data is the worst emission level.

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	Test Date: 2023-08-01
Limit: FCC_5G_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 5570MHz	



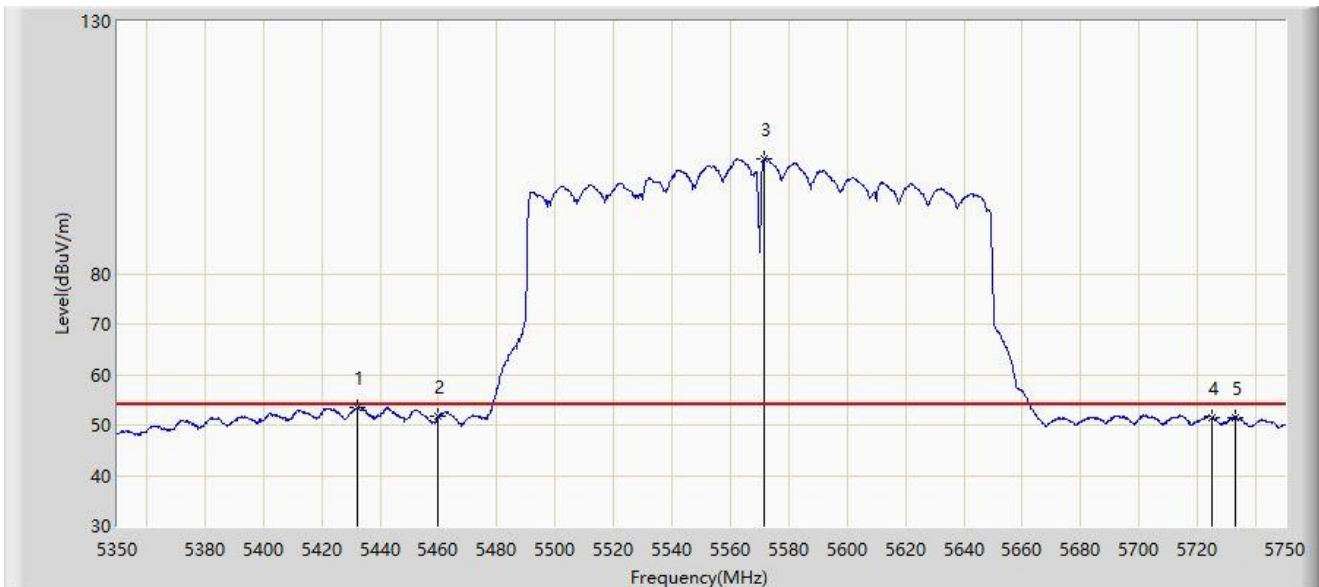
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5455.600	67.859	65.798	-6.141	74.000	2.061	PK
2		5460.000	62.964	60.857	-11.036	74.000	2.108	PK
3	*	5461.200	67.128	65.008	-1.072	68.200	2.120	PK
4		5470.000	61.922	59.710	-6.278	68.200	2.212	PK
5		5566.600	113.737	111.225	N/A	N/A	2.512	PK
6		5725.000	63.085	60.241	-5.115	68.200	2.844	PK
7		5726.400	63.129	60.274	-5.071	68.200	2.856	PK

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).

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_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 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5432.400	53.526	51.271	-0.474	54.000	2.254	AV
2		5460.000	51.669	49.562	-2.331	54.000	2.108	AV
3		5571.800	102.809	100.308	N/A	N/A	2.502	AV
4		5725.000	51.479	48.635	-2.521	54.000	2.844	AV
5		5733.200	51.594	48.668	-2.406	54.000	2.926	AV

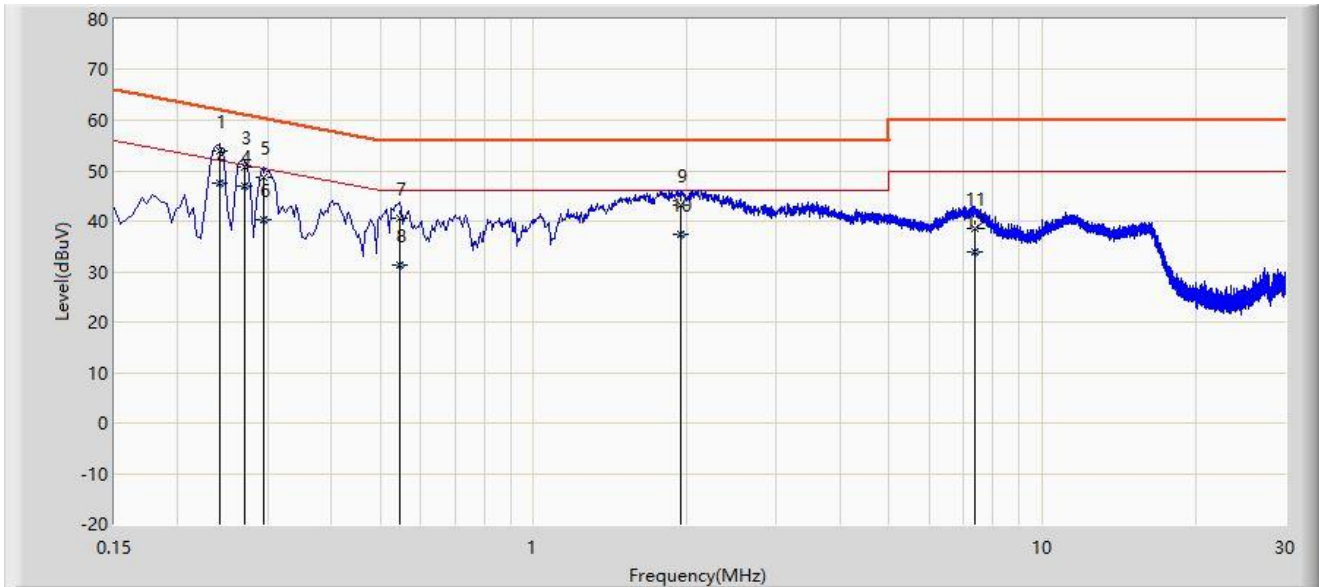
Note 1: " \* ", means this data is the worst emission level.

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).

**A.8 AC Conducted Emissions Test Result**

Site: NS-SR2	Test Date: 2023-08-05
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Line
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmitter by 802.11a at 5825MHz	



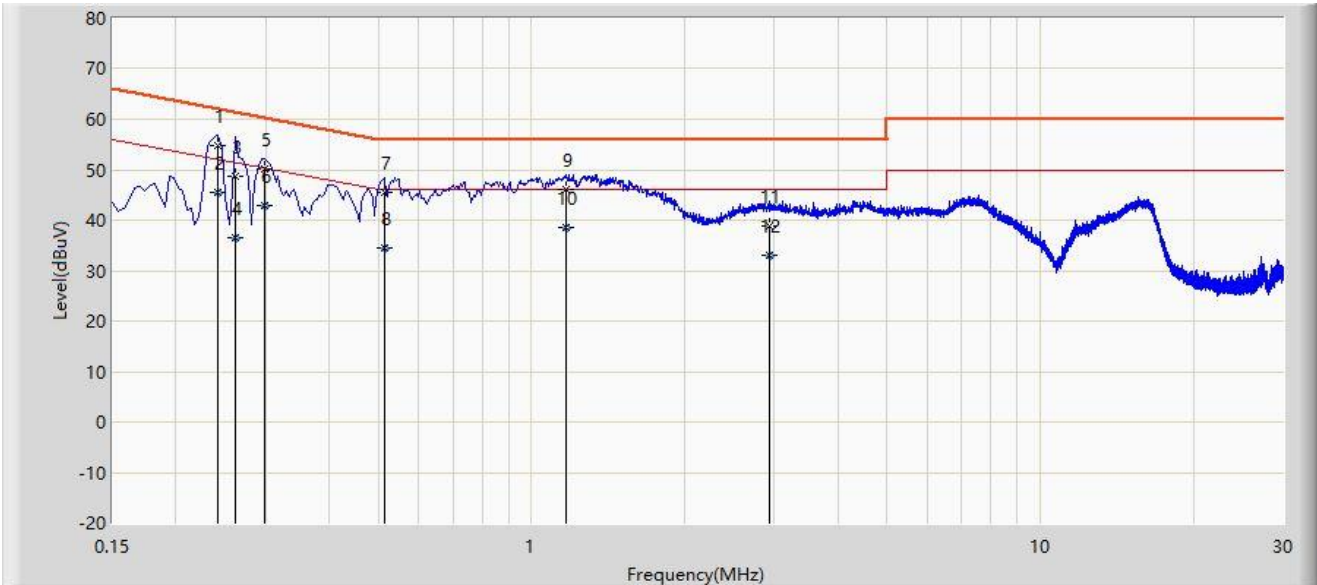
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.242	53.778	43.970	-8.250	62.027	9.808	QP
2		0.242	47.531	37.723	-4.496	52.027	9.808	AV
3		0.270	50.690	40.883	-10.428	61.118	9.807	QP
4	*	0.270	47.043	37.236	-4.075	51.118	9.807	AV
5		0.294	48.795	38.986	-11.615	60.411	9.809	QP
6		0.294	40.399	30.589	-10.012	50.411	9.809	AV
7		0.546	40.723	30.882	-15.277	56.000	9.841	QP
8		0.546	31.168	21.327	-14.832	46.000	9.841	AV
9		1.942	43.218	33.117	-12.782	56.000	10.101	QP
10		1.942	37.292	27.191	-8.708	46.000	10.101	AV
11		7.378	38.506	27.267	-21.494	60.000	11.240	QP
12		7.378	33.937	22.698	-16.063	50.000	11.240	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	Test Date: 2023-08-05
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Neutral
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmitter by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.242	54.661	44.835	-7.366	62.027	9.826	QP
2	*	0.242	45.404	35.578	-6.623	52.027	9.826	AV
3		0.262	48.676	38.850	-12.691	61.368	9.827	QP
4		0.262	36.538	26.711	-14.830	51.368	9.827	AV
5		0.298	50.174	40.344	-10.124	60.298	9.830	QP
6		0.298	42.845	33.015	-7.454	50.298	9.830	AV
7		0.514	45.442	35.571	-10.558	56.000	9.872	QP
8		0.514	34.578	24.706	-11.422	46.000	9.872	AV
9		1.166	46.087	36.090	-9.913	56.000	9.997	QP
10		1.166	38.666	28.669	-7.334	46.000	9.997	AV
11		2.942	38.804	28.526	-17.196	56.000	10.279	QP
12		2.942	33.074	22.795	-12.926	46.000	10.279	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).

## Appendix B – Test Setup Photograph

Refer to “2307RSU051-UT” file.

## Appendix C – EUT Photograph

Refer to “2307RSU051-UE” file.

————— The End —————