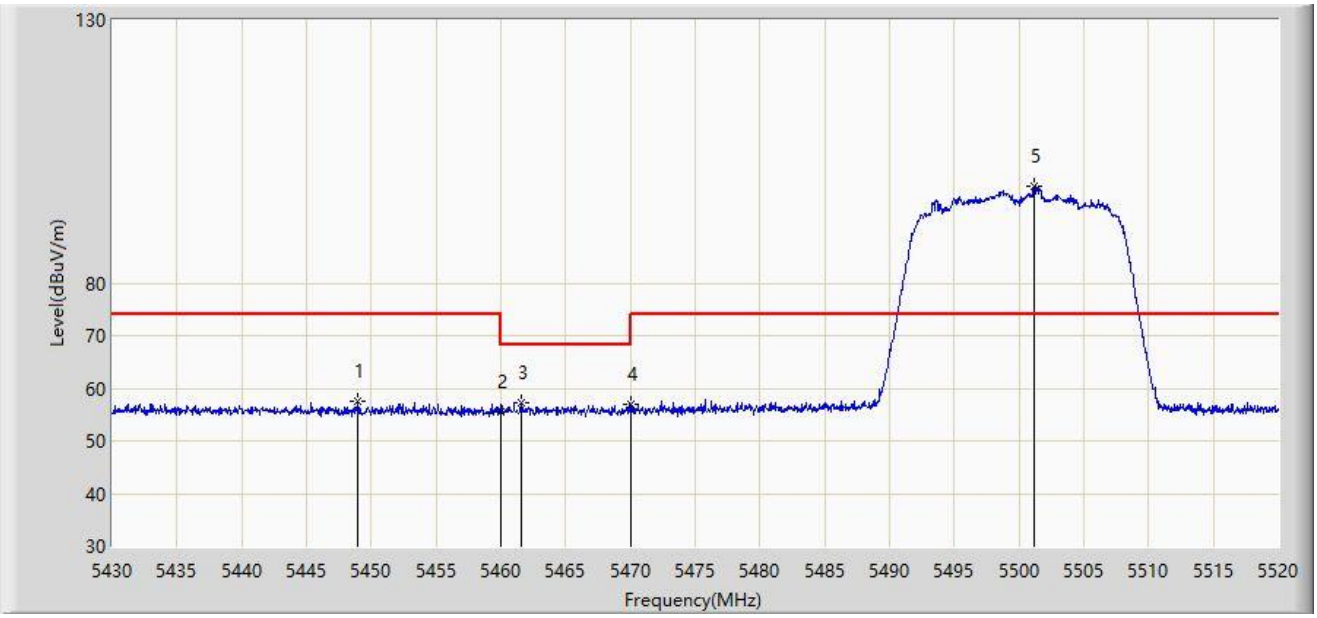
Site: NS-AC1	Test Date: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



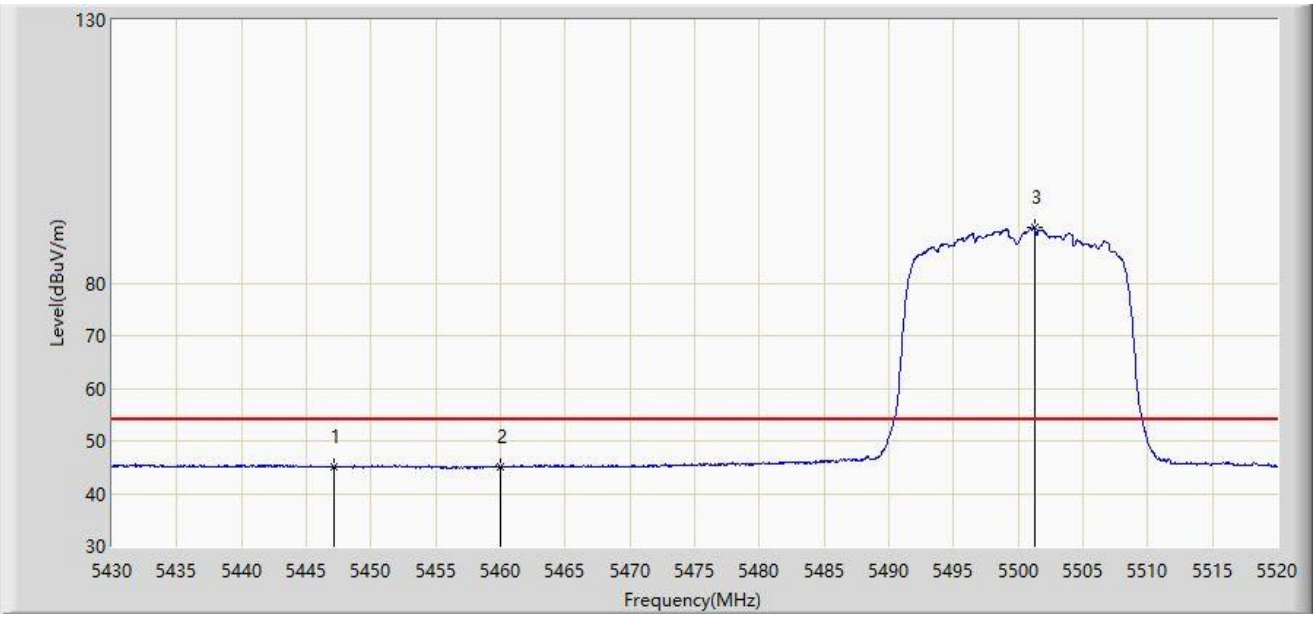
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5448.990	57.644	55.523	-16.356	74.000	2.121	PK
2		5460.000	55.390	53.283	-18.610	74.000	2.108	PK
3	*	5461.545	57.183	55.060	-11.017	68.200	2.123	PK
4		5470.000	57.059	54.847	-11.141	68.200	2.212	PK
5		5501.190	98.327	95.873	N/A	N/A	2.454	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



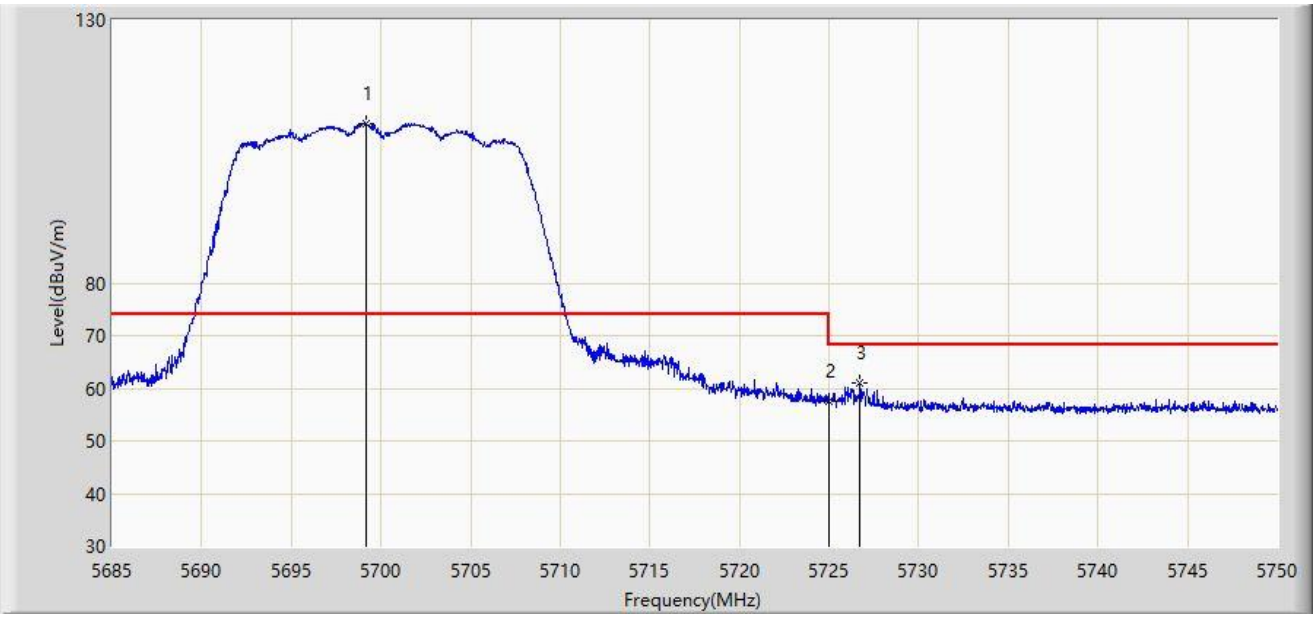
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5447.190	45.164	43.015	-8.836	54.000	2.149	AV
2		5460.000	45.029	42.922	-8.971	54.000	2.108	AV
3		5501.235	90.533	88.079	N/A	N/A	2.454	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



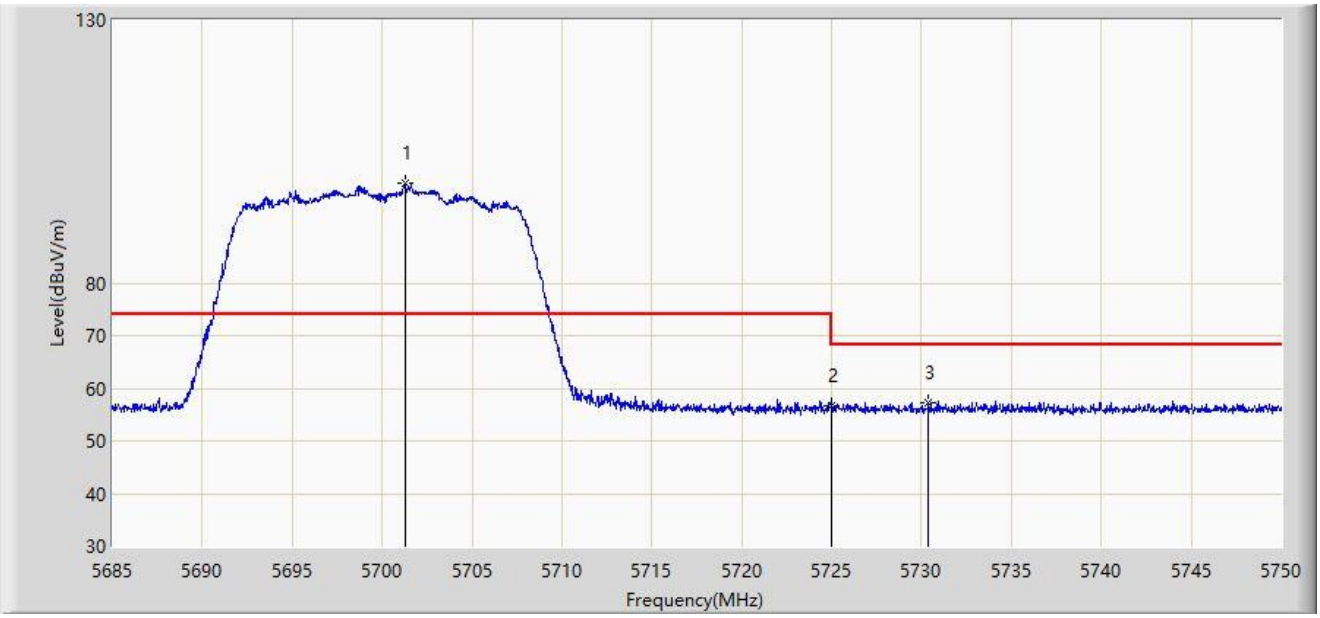
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5699.170	110.326	107.447	N/A	N/A	2.880	PK
2		5725.000	57.491	54.647	-10.709	68.200	2.844	PK
3	*	5726.730	61.075	58.216	-7.125	68.200	2.858	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



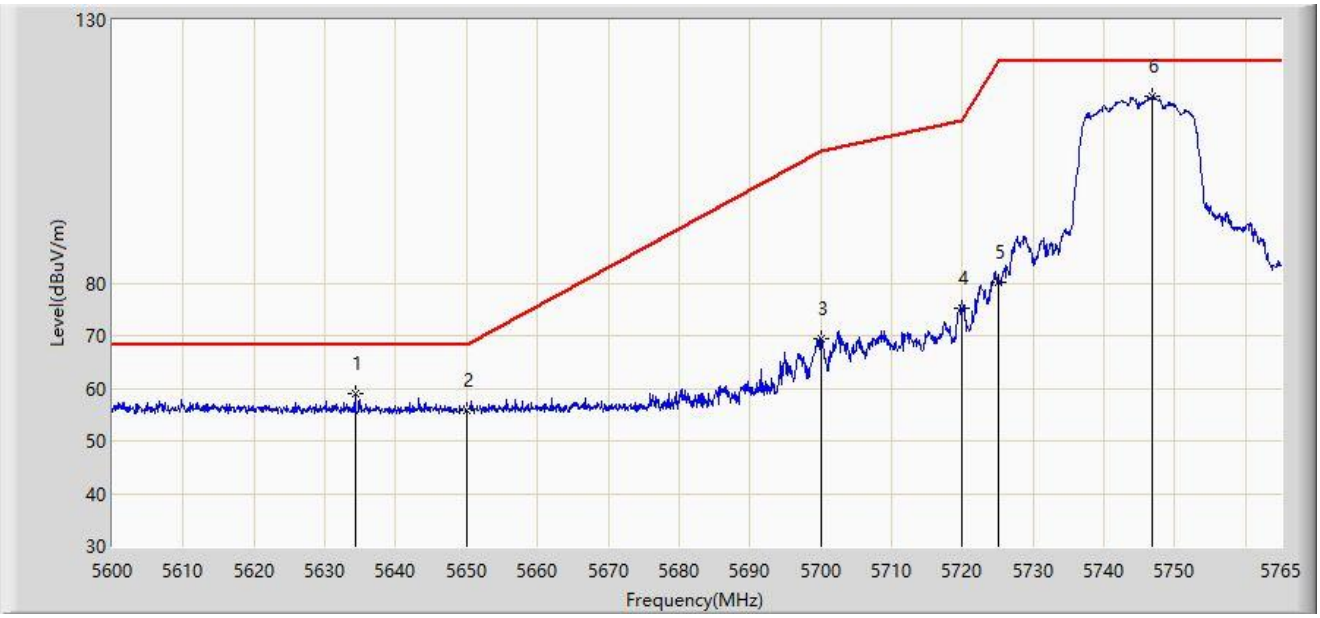
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5701.250	98.971	96.122	N/A	N/A	2.849	PK
2		5725.000	56.689	53.845	-11.511	68.200	2.844	PK
3	*	5730.370	57.373	54.477	-10.827	68.200	2.897	PK

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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



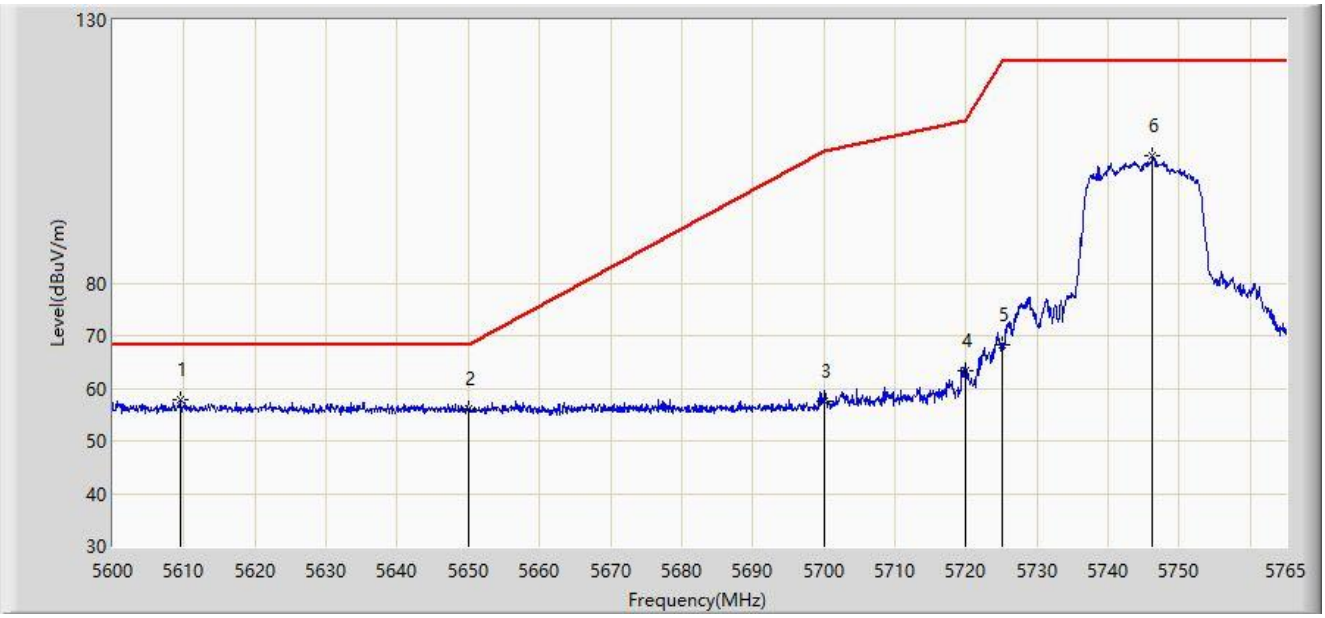
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5634.237	59.121	56.649	-9.079	68.200	2.471	PK
2		5650.000	55.682	53.131	-12.518	68.200	2.552	PK
3		5700.000	69.534	66.667	-35.666	105.200	2.867	PK
4		5720.000	75.226	72.416	-35.574	110.800	2.810	PK
5		5725.000	80.079	77.235	-42.121	122.200	2.844	PK
6		5746.850	115.446	112.386	N/A	N/A	3.061	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



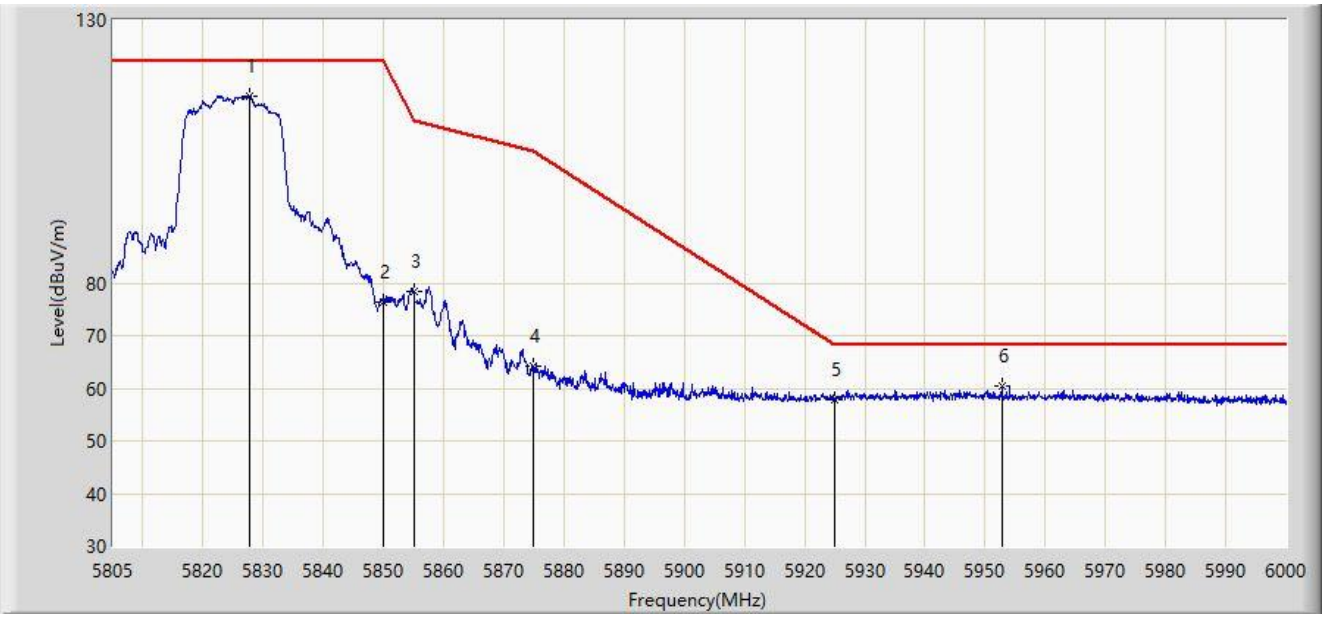
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5609.570	57.944	55.524	-10.256	68.200	2.420	PK
2		5650.000	55.945	53.394	-12.255	68.200	2.552	PK
3		5700.000	57.441	54.574	-47.759	105.200	2.867	PK
4		5720.000	63.425	60.615	-47.375	110.800	2.810	PK
5		5725.000	68.386	65.542	-53.814	122.200	2.844	PK
6		5746.272	104.331	101.275	N/A	N/A	3.056	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



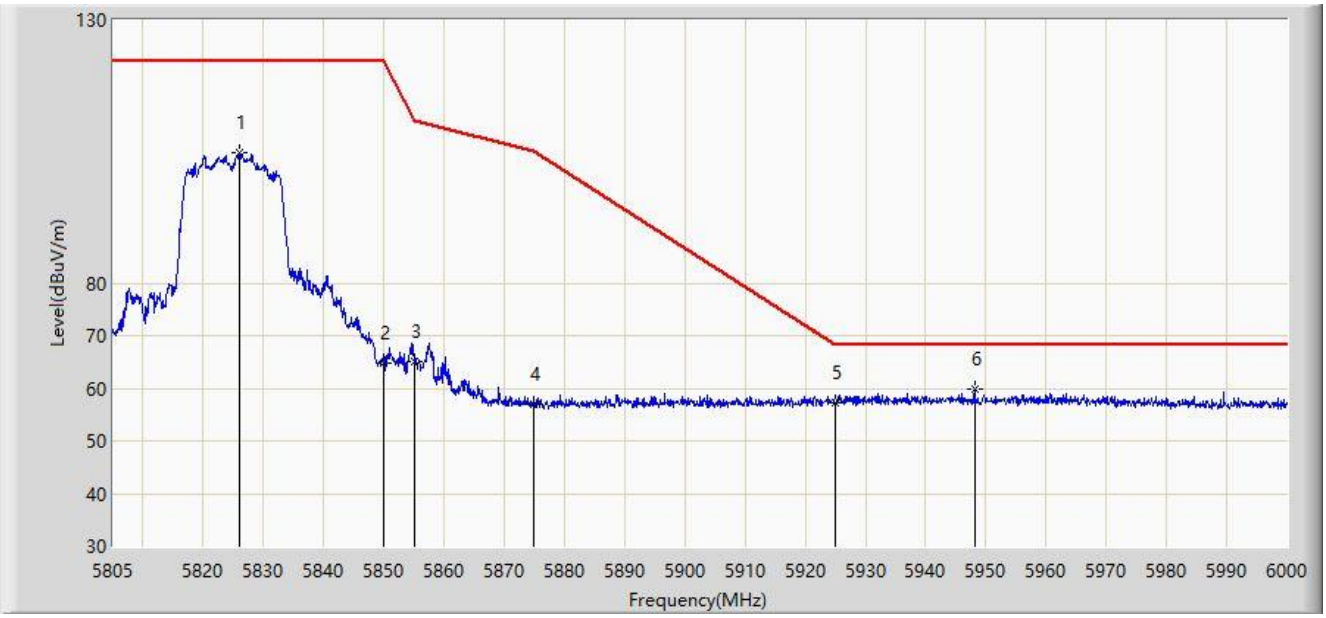
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5827.815	115.597	112.142	N/A	N/A	3.455	PK
2		5850.000	76.432	73.100	-45.768	122.200	3.333	PK
3		5855.000	78.413	75.073	-32.387	110.800	3.340	PK
4		5875.000	64.200	60.806	-41.000	105.200	3.393	PK
5		5925.000	57.950	54.185	-10.250	68.200	3.766	PK
6	*	5952.810	60.304	56.387	-7.896	68.200	3.917	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5826.060	104.889	101.465	N/A	N/A	3.423	PK
2		5850.000	64.923	61.591	-57.277	122.200	3.333	PK
3		5855.000	65.130	61.790	-45.670	110.800	3.340	PK
4		5875.000	56.821	53.427	-48.379	105.200	3.393	PK
5		5925.000	57.213	53.448	-10.987	68.200	3.766	PK
6	*	5948.130	59.797	55.837	-8.403	68.200	3.959	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5180MHz	

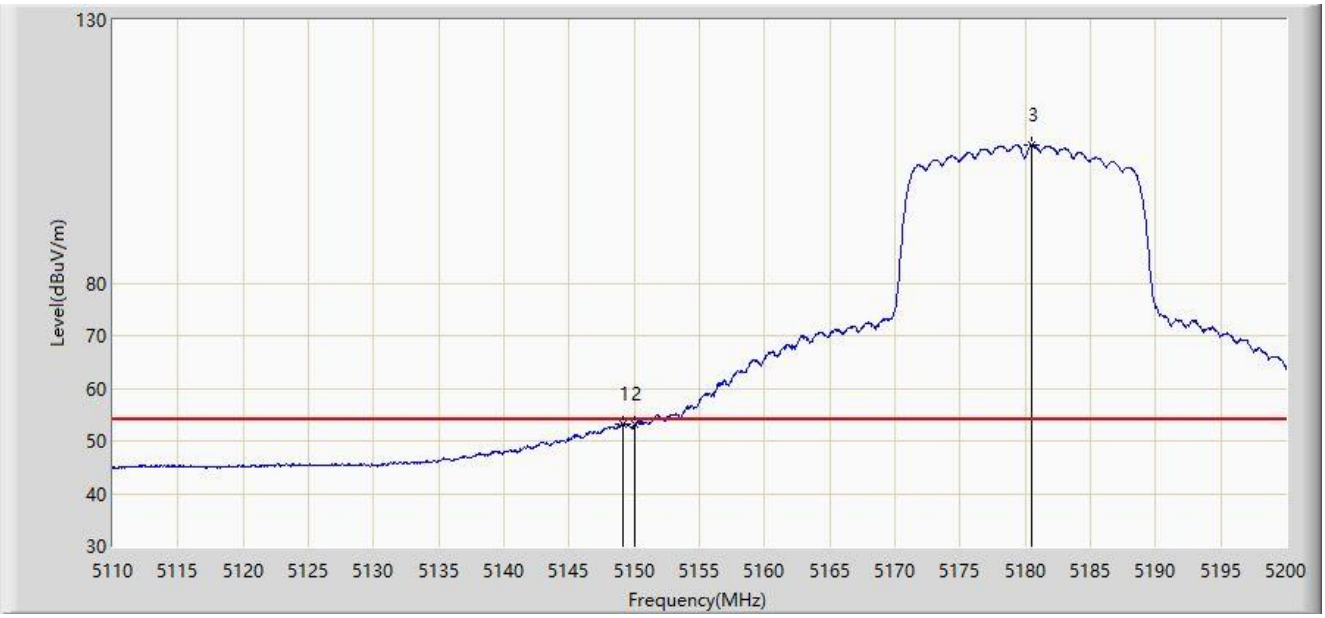
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.115	67.928	65.356	-6.072	74.000	2.573	PK
2		5150.000	64.465	61.906	-9.535	74.000	2.559	PK
3		5179.300	112.998	111.009	N/A	N/A	1.988	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5180MHz	



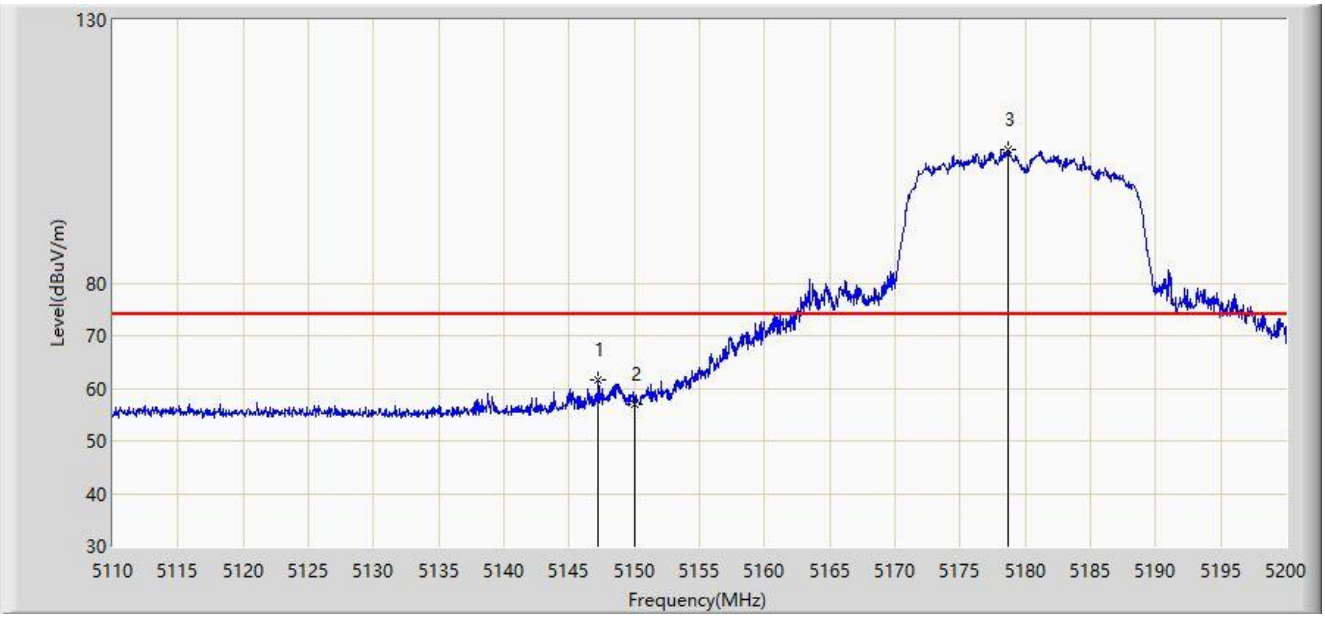
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.150	53.308	50.743	-0.692	54.000	2.564	AV
2		5150.000	53.144	50.585	-0.856	54.000	2.559	AV
3		5180.515	106.364	104.415	N/A	N/A	1.949	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5180MHz	



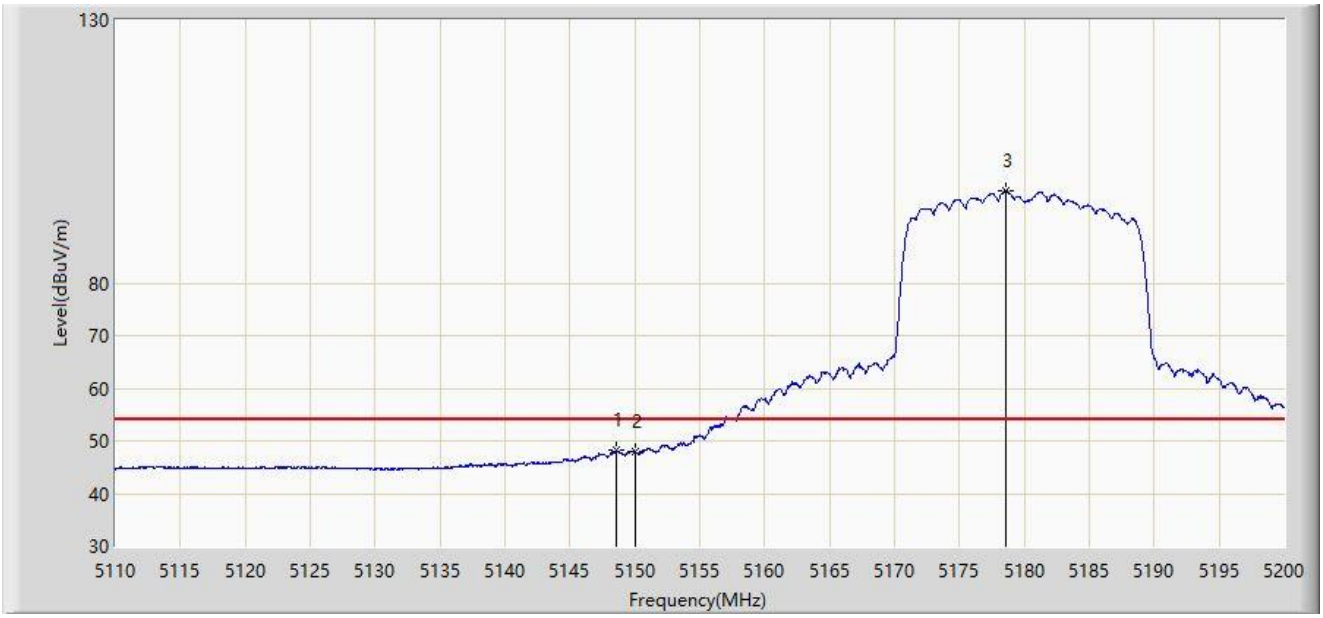
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.260	61.457	58.900	-12.543	74.000	2.557	PK
2		5150.000	56.962	54.403	-17.038	74.000	2.559	PK
3		5178.670	105.250	103.240	N/A	N/A	2.010	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5180MHz	



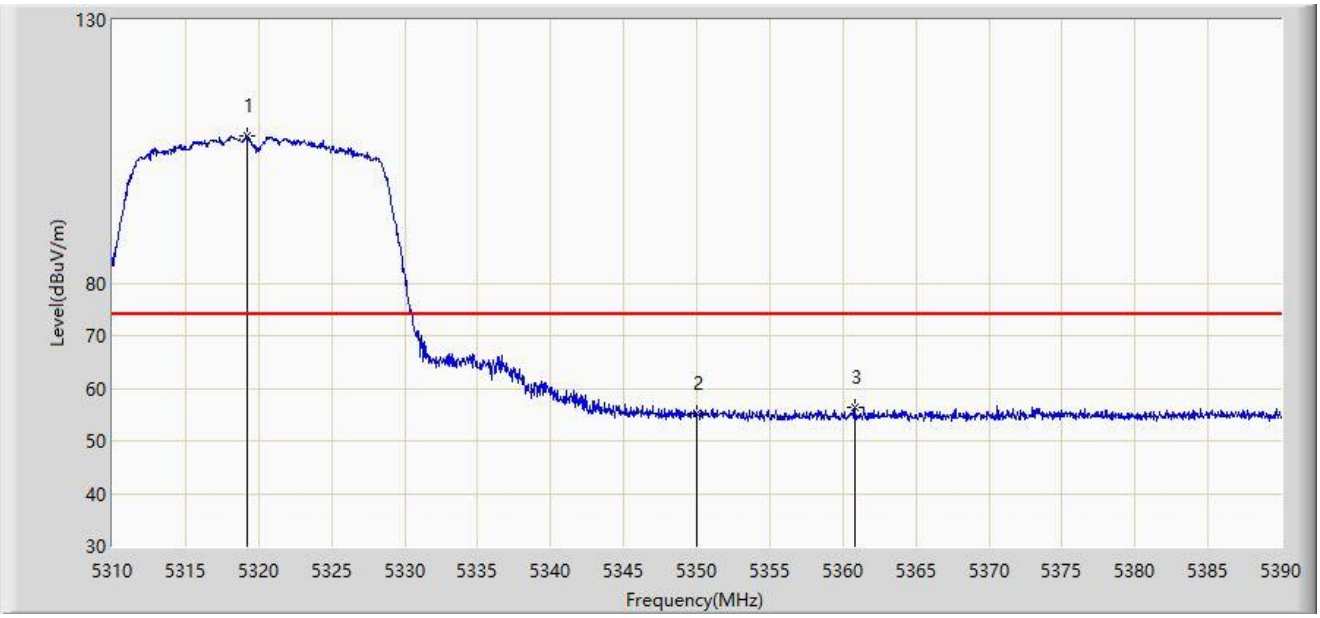
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.610	48.287	45.718	-5.713	54.000	2.569	AV
2		5150.000	47.835	45.276	-6.165	54.000	2.559	AV
3		5178.535	97.557	95.543	N/A	N/A	2.014	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5320MHz	



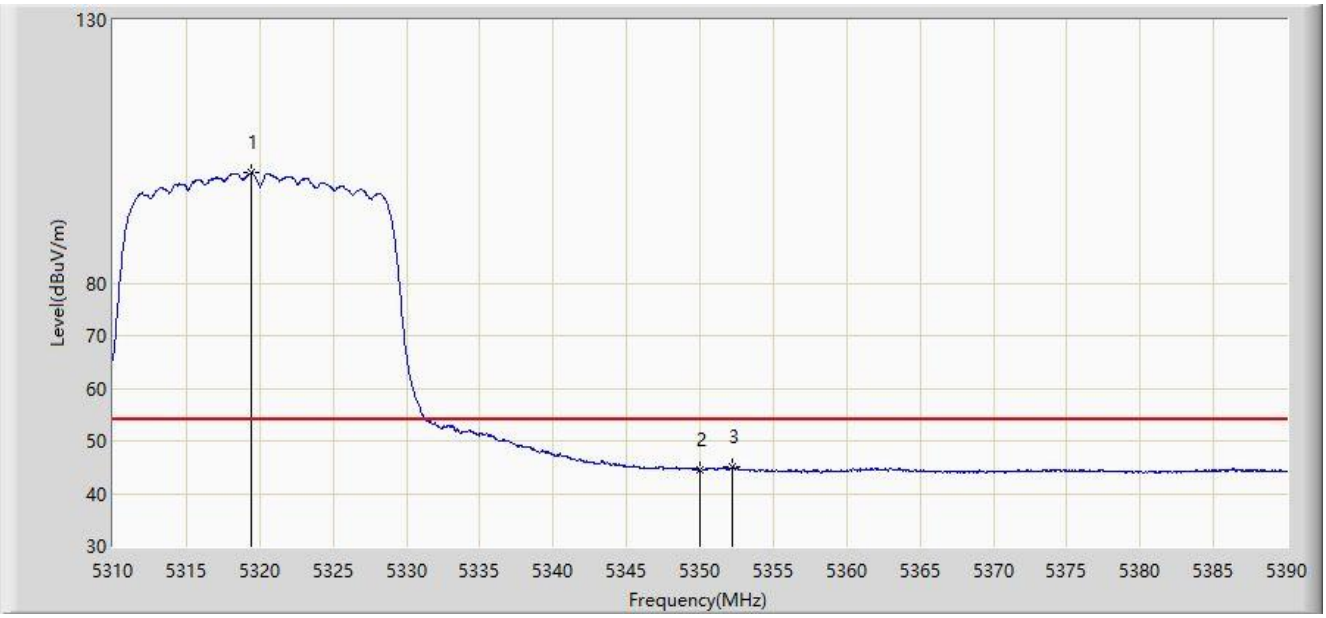
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5319.240	108.032	106.480	N/A	N/A	1.552	PK
2		5350.000	55.334	53.824	-18.666	74.000	1.510	PK
3	*	5360.800	56.263	54.634	-17.737	74.000	1.630	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5320MHz	



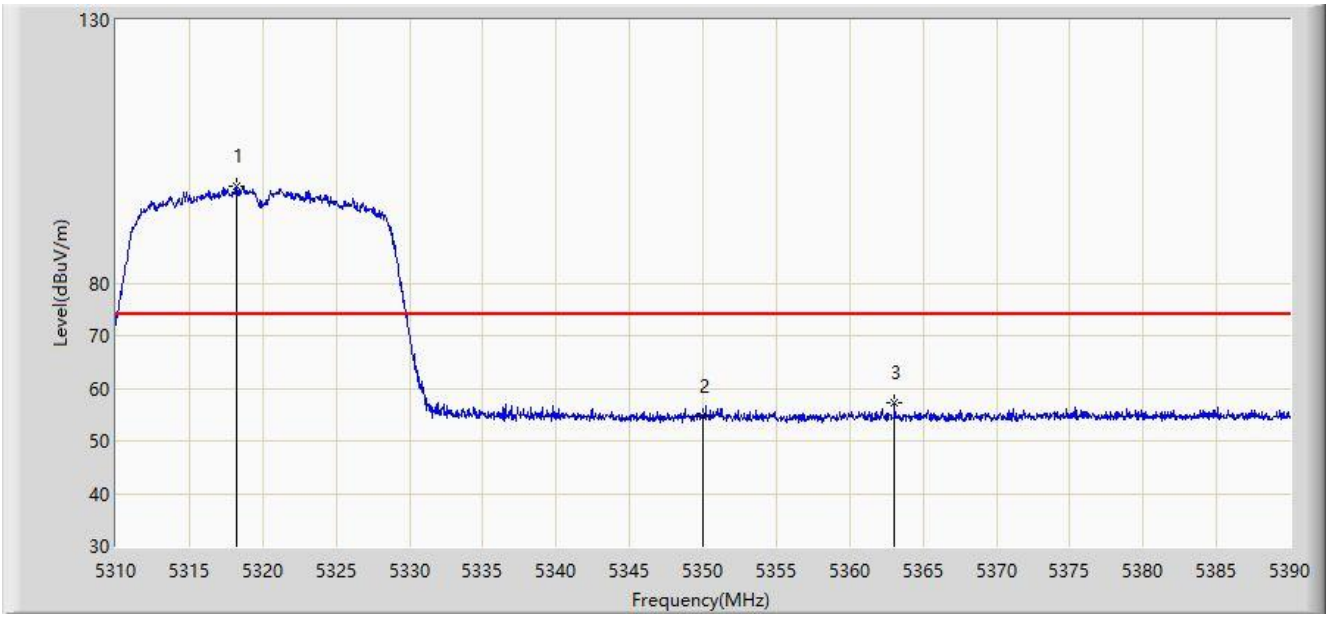
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.440	100.976	99.424	N/A	N/A	1.551	AV
2		5350.000	44.500	42.990	-9.500	54.000	1.510	AV
3	*	5352.200	45.076	43.567	-8.924	54.000	1.509	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5320MHz	



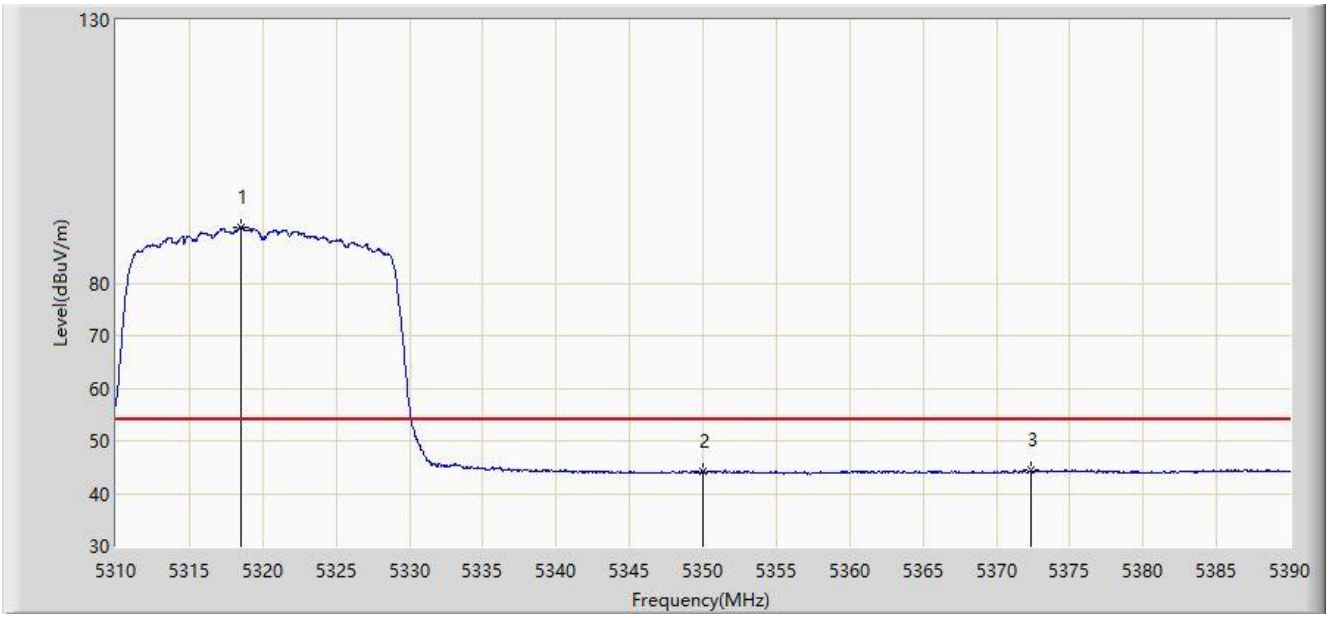
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.240	98.332	96.779	N/A	N/A	1.553	PK
2		5350.000	54.761	53.251	-19.239	74.000	1.510	PK
3	*	5363.080	57.125	55.464	-16.875	74.000	1.661	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5320MHz	



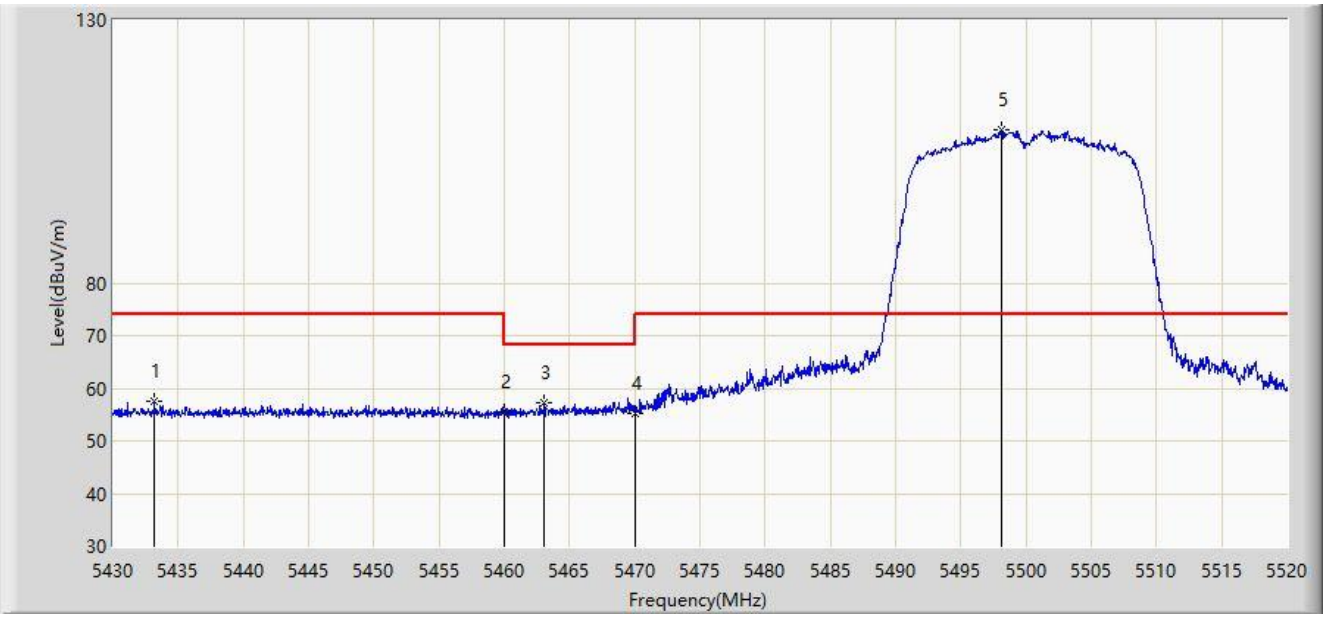
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.560	90.663	89.110	N/A	N/A	1.552	AV
2		5350.000	44.238	42.728	-9.762	54.000	1.510	AV
3	*	5372.360	44.458	42.705	-9.542	54.000	1.753	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5500MHz	



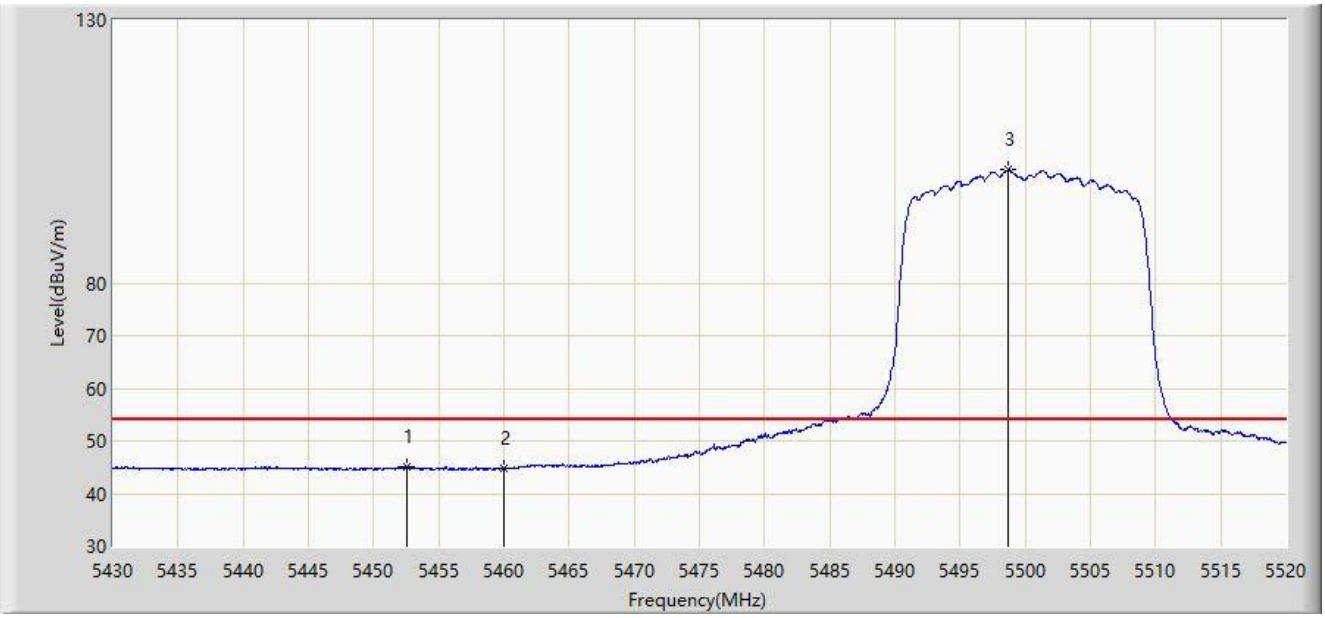
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5433.195	57.647	55.384	-16.353	74.000	2.263	PK
2		5460.000	55.397	53.290	-18.603	74.000	2.108	PK
3	*	5463.075	57.337	55.197	-10.863	68.200	2.140	PK
4		5470.000	55.310	53.098	-12.890	68.200	2.212	PK
5		5498.130	109.178	106.690	N/A	N/A	2.488	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5500MHz	



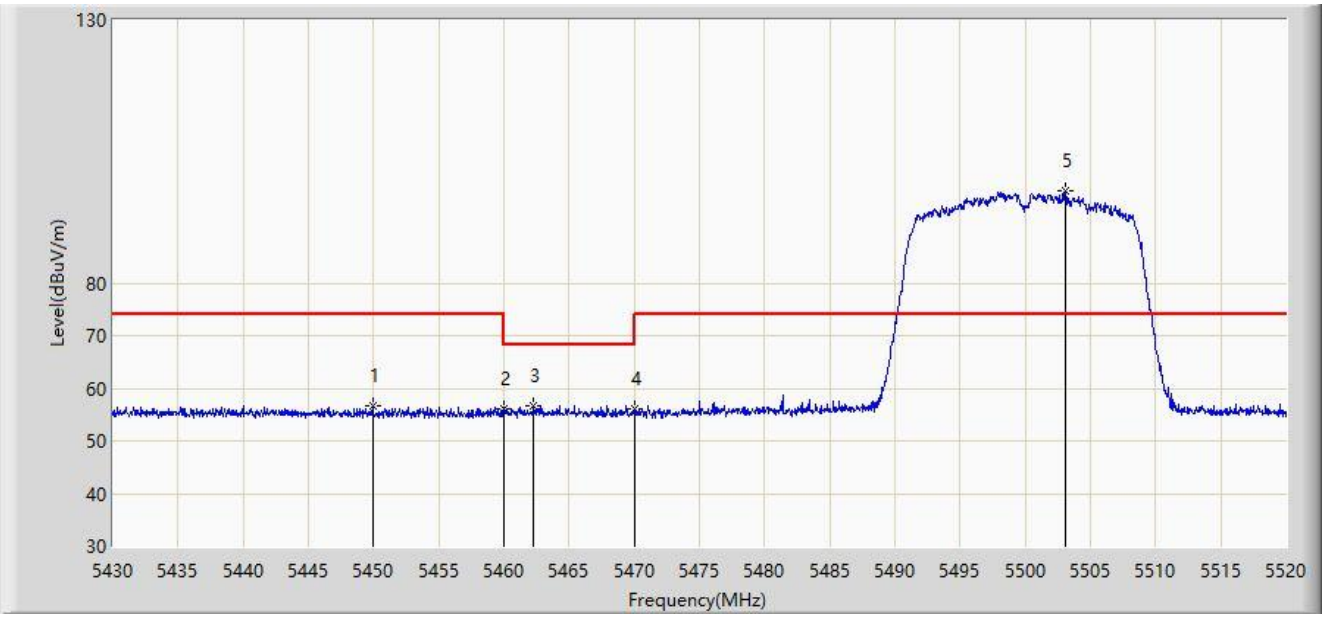
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5452.590	45.096	43.030	-8.904	54.000	2.065	AV
2		5460.000	44.660	42.553	-9.340	54.000	2.108	AV
3		5498.670	101.495	99.013	N/A	N/A	2.482	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5500MHz	



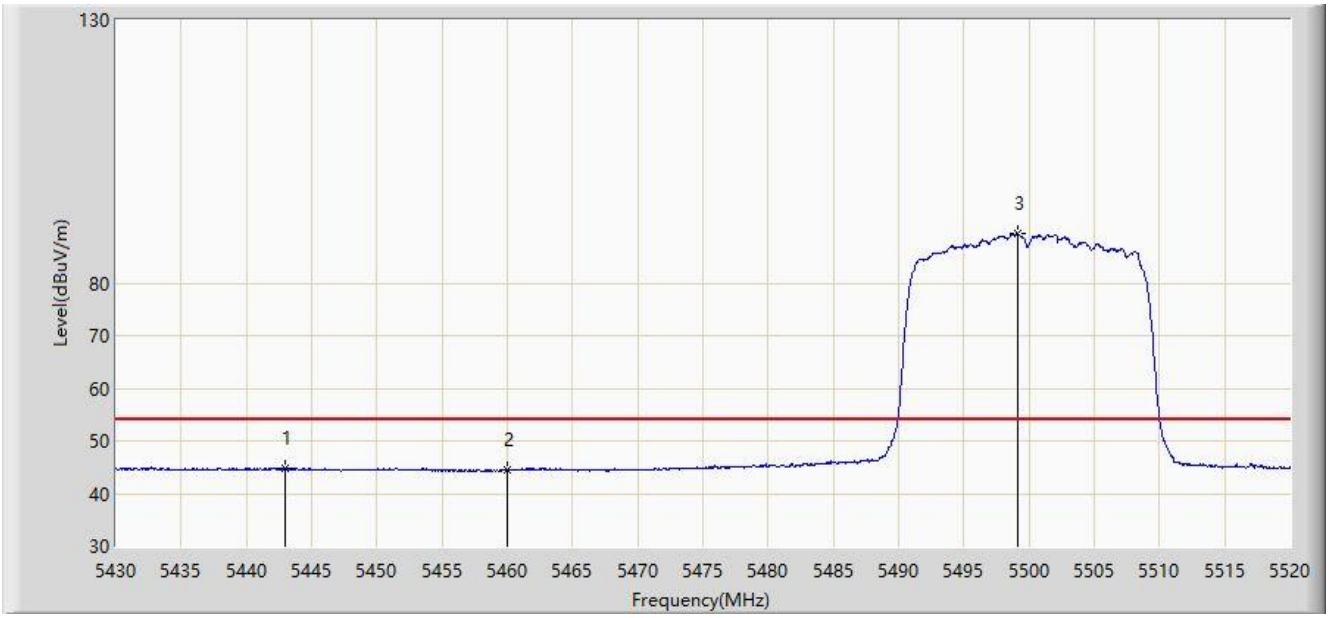
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5449.935	56.565	54.459	-17.435	74.000	2.107	PK
2		5460.000	56.092	53.985	-17.908	74.000	2.108	PK
3	*	5462.310	56.792	54.661	-11.408	68.200	2.132	PK
4		5470.000	56.122	53.910	-12.078	68.200	2.212	PK
5		5503.125	97.584	95.151	N/A	N/A	2.433	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5500MHz	



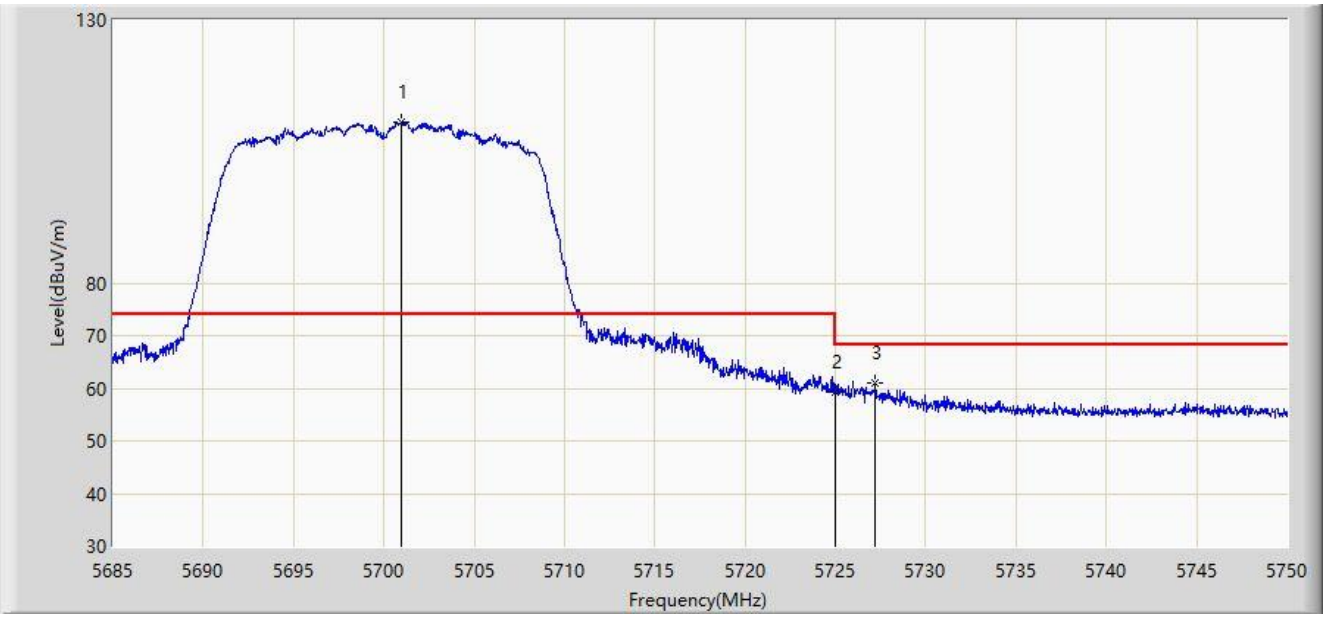
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5442.960	44.778	42.565	-9.222	54.000	2.214	AV
2		5460.000	44.396	42.289	-9.604	54.000	2.108	AV
3		5499.120	89.435	86.958	N/A	N/A	2.477	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5700MHz	



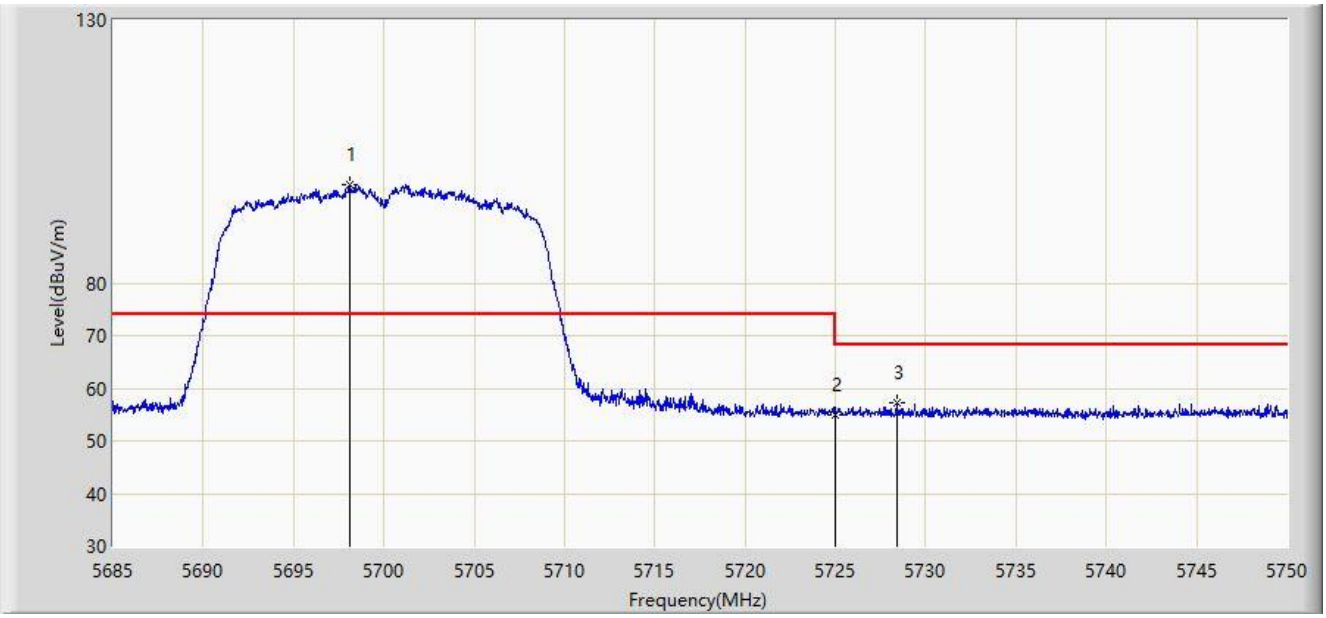
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5700.990	110.630	107.777	N/A	N/A	2.853	PK
2		5725.000	59.208	56.364	-8.992	68.200	2.844	PK
3	*	5727.217	61.009	58.145	-7.191	68.200	2.864	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5700MHz	



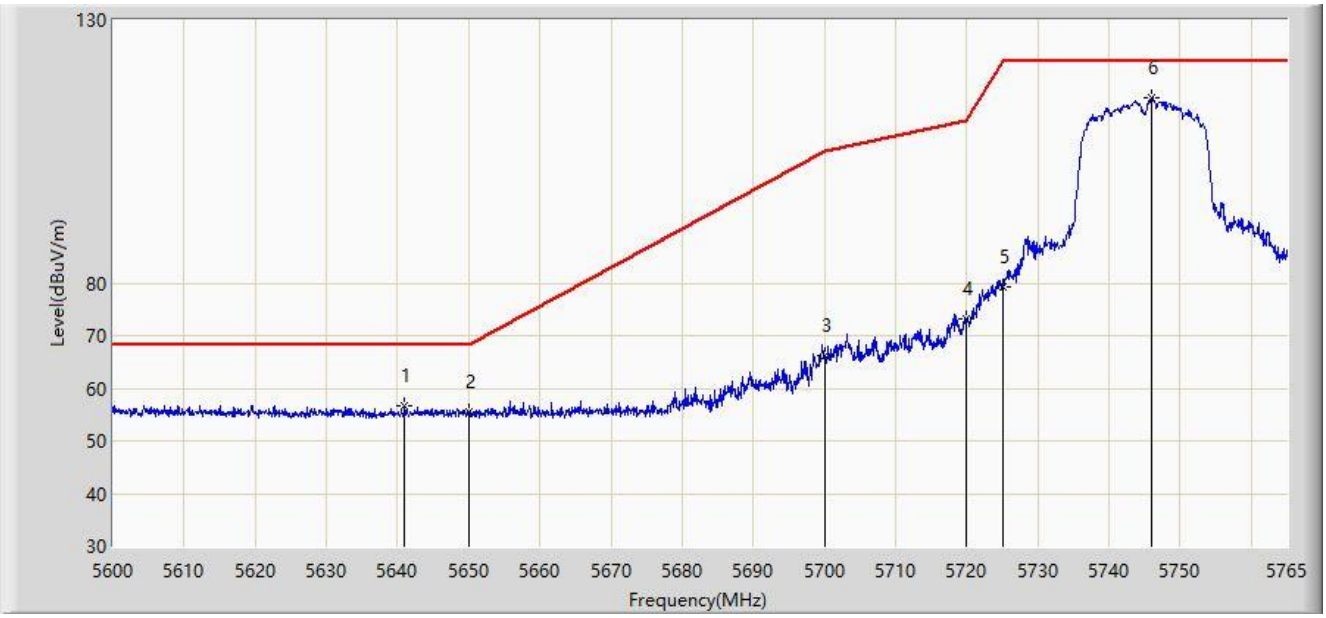
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5698.130	98.638	95.743	N/A	N/A	2.894	PK
2		5725.000	54.964	52.120	-13.236	68.200	2.844	PK
3	*	5728.388	57.213	54.337	-10.987	68.200	2.876	PK

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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5745MHz	



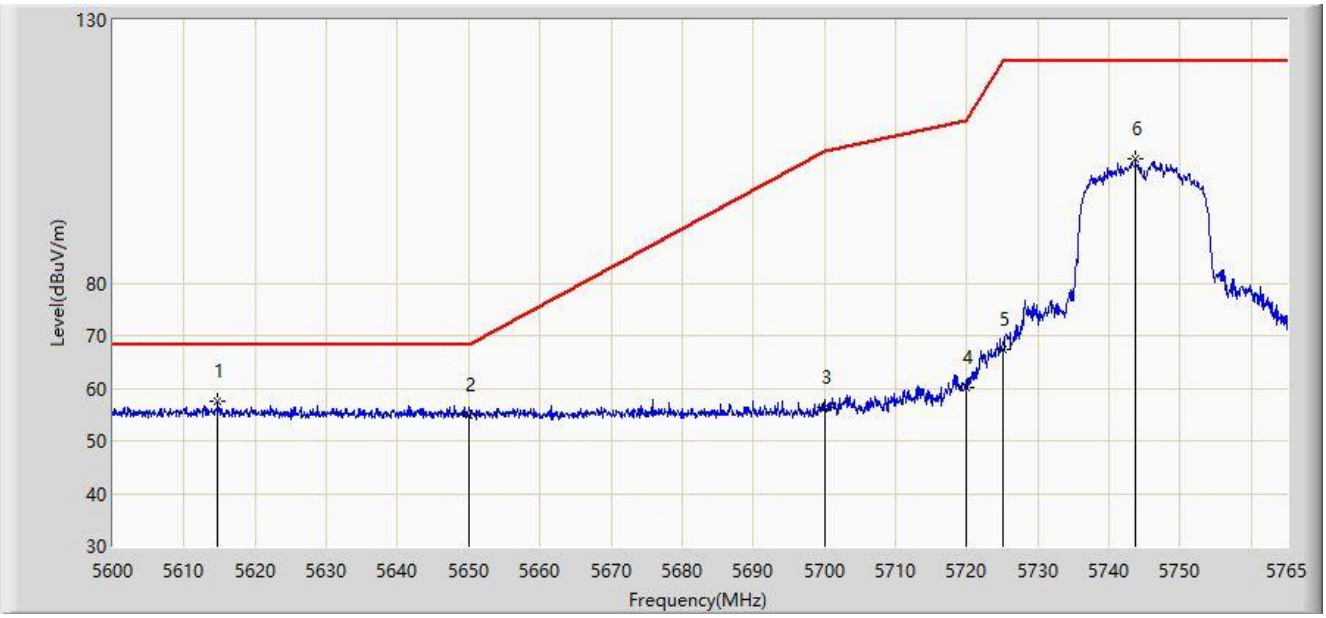
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5641.002	56.793	54.265	-11.407	68.200	2.528	PK
2		5650.000	55.427	52.876	-12.773	68.200	2.552	PK
3		5700.000	66.203	63.336	-38.997	105.200	2.867	PK
4		5720.000	73.131	70.321	-37.669	110.800	2.810	PK
5		5725.000	79.359	76.515	-42.841	122.200	2.844	PK
6		5745.942	115.115	112.062	N/A	N/A	3.053	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5745MHz	



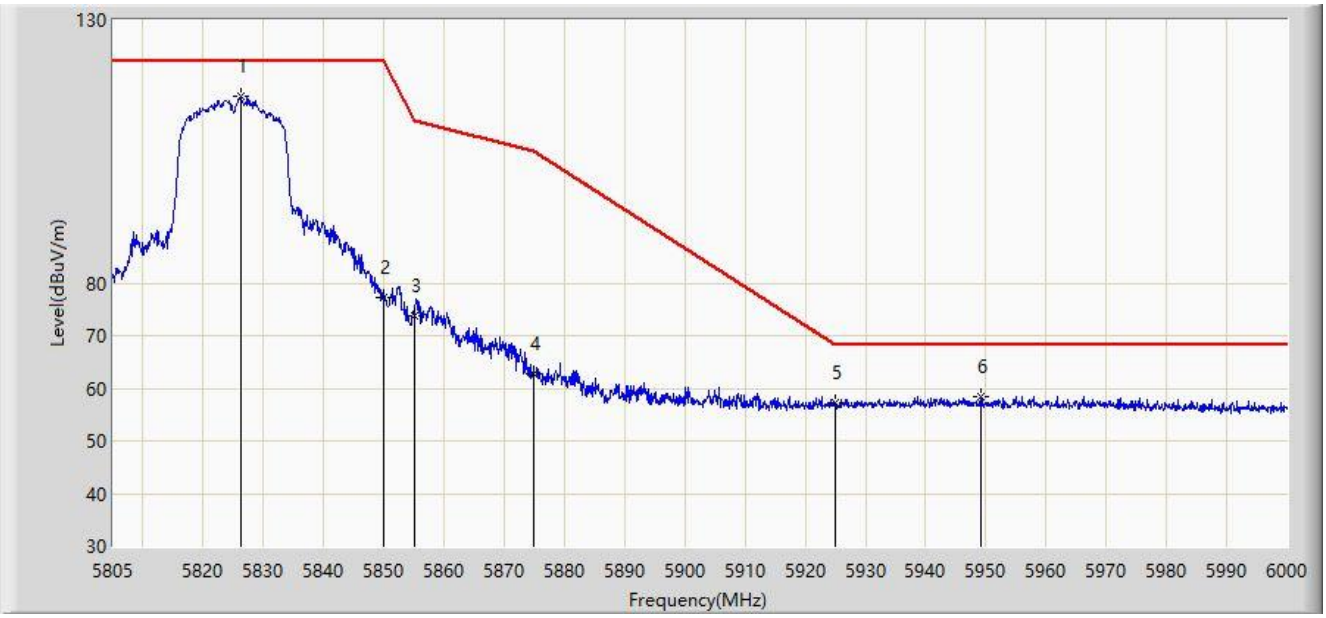
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5614.768	57.461	55.053	-10.739	68.200	2.408	PK
2		5650.000	54.803	52.252	-13.397	68.200	2.552	PK
3		5700.000	56.299	53.432	-48.901	105.200	2.867	PK
4		5720.000	60.182	57.372	-50.618	110.800	2.810	PK
5		5725.000	67.407	64.563	-54.793	122.200	2.844	PK
6		5743.715	103.620	100.586	N/A	N/A	3.034	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5825MHz	



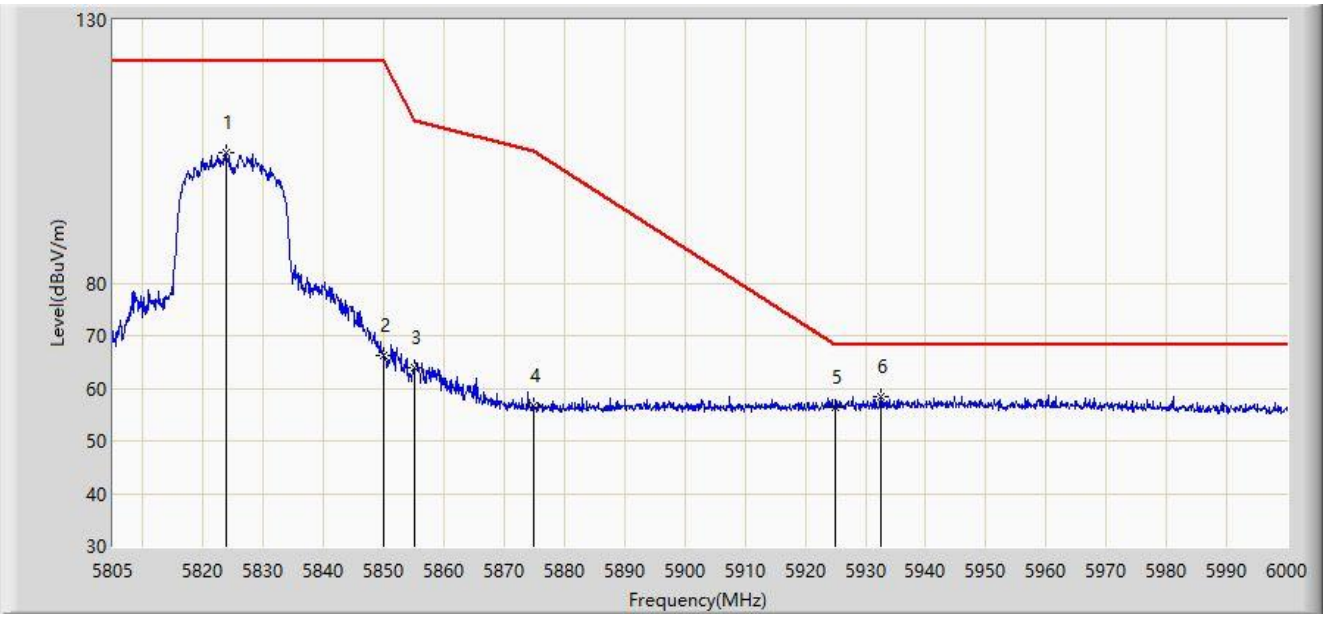
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5826.255	115.505	112.078	N/A	N/A	3.427	PK
2		5850.000	77.218	73.886	-44.982	122.200	3.333	PK
3		5855.000	73.817	70.477	-36.983	110.800	3.340	PK
4		5875.000	62.777	59.383	-42.423	105.200	3.393	PK
5		5925.000	57.254	53.489	-10.946	68.200	3.766	PK
6	*	5949.105	58.297	54.346	-9.903	68.200	3.951	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT20 at 5825MHz	



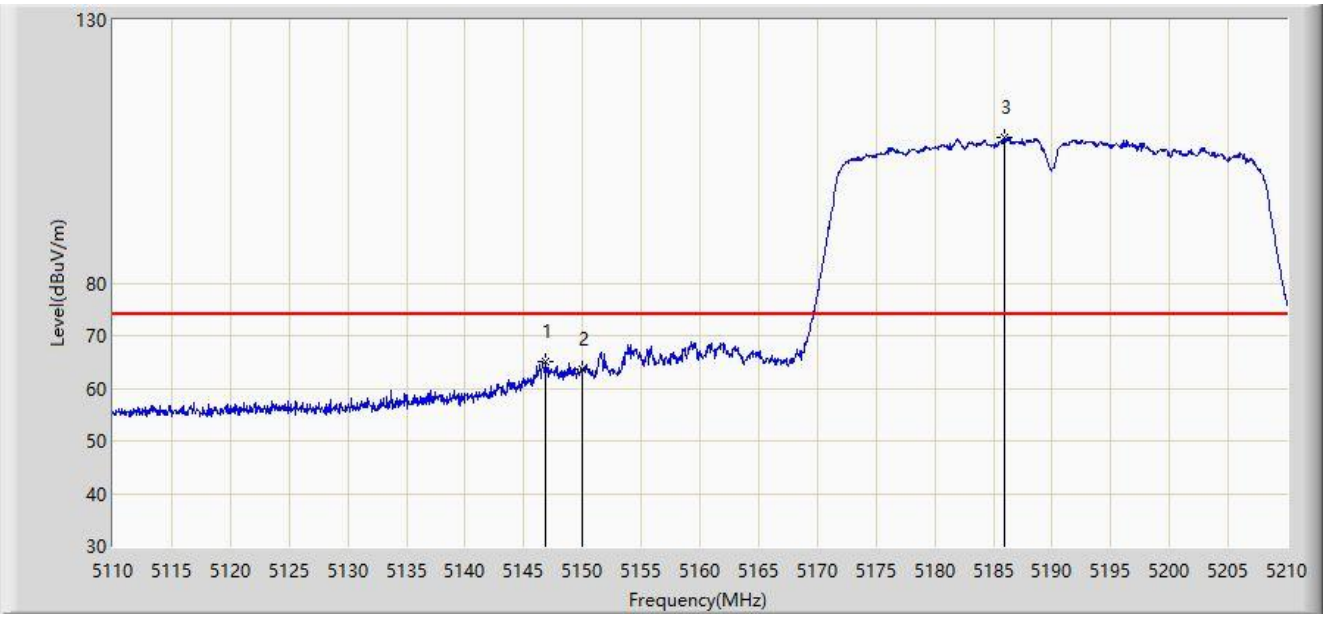
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5823.720	104.651	101.269	N/A	N/A	3.382	PK
2		5850.000	66.277	62.945	-55.923	122.200	3.333	PK
3		5855.000	63.770	60.430	-47.030	110.800	3.340	PK
4		5875.000	56.522	53.128	-48.678	105.200	3.393	PK
5		5925.000	56.391	52.626	-11.809	68.200	3.766	PK
6	*	5932.530	58.423	54.541	-9.777	68.200	3.883	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5190MHz	



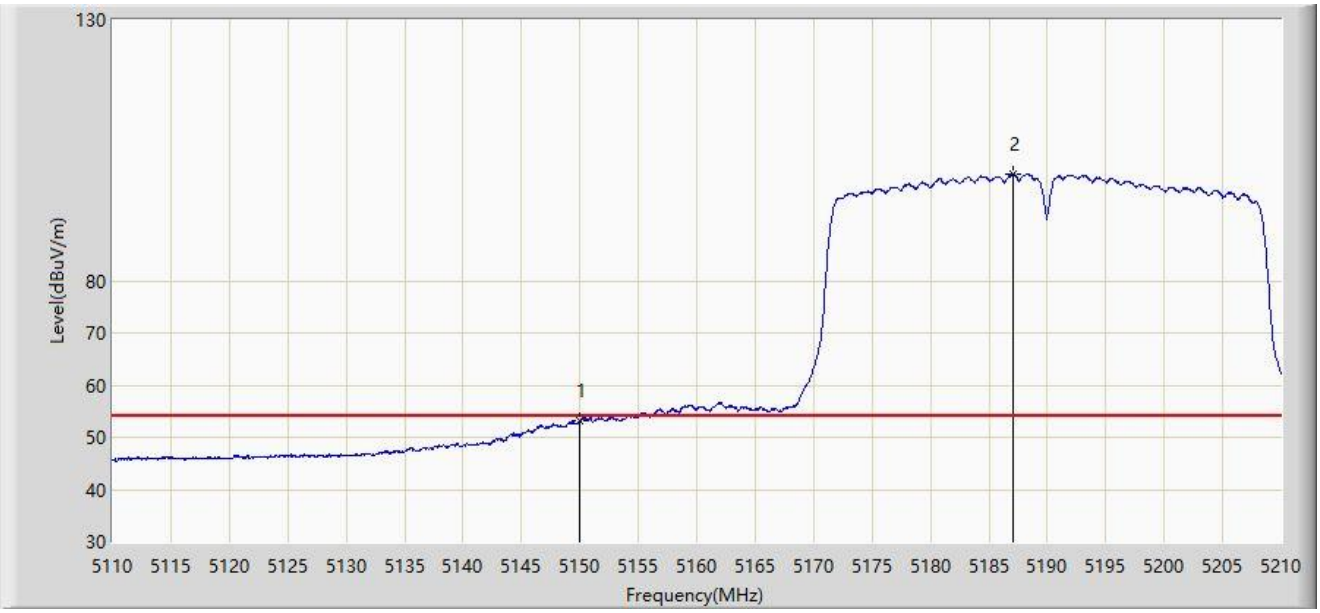
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.900	65.160	62.611	-8.840	74.000	2.548	PK
2		5150.000	63.710	61.151	-10.290	74.000	2.559	PK
3		5185.950	107.550	105.677	N/A	N/A	1.873	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5190MHz	



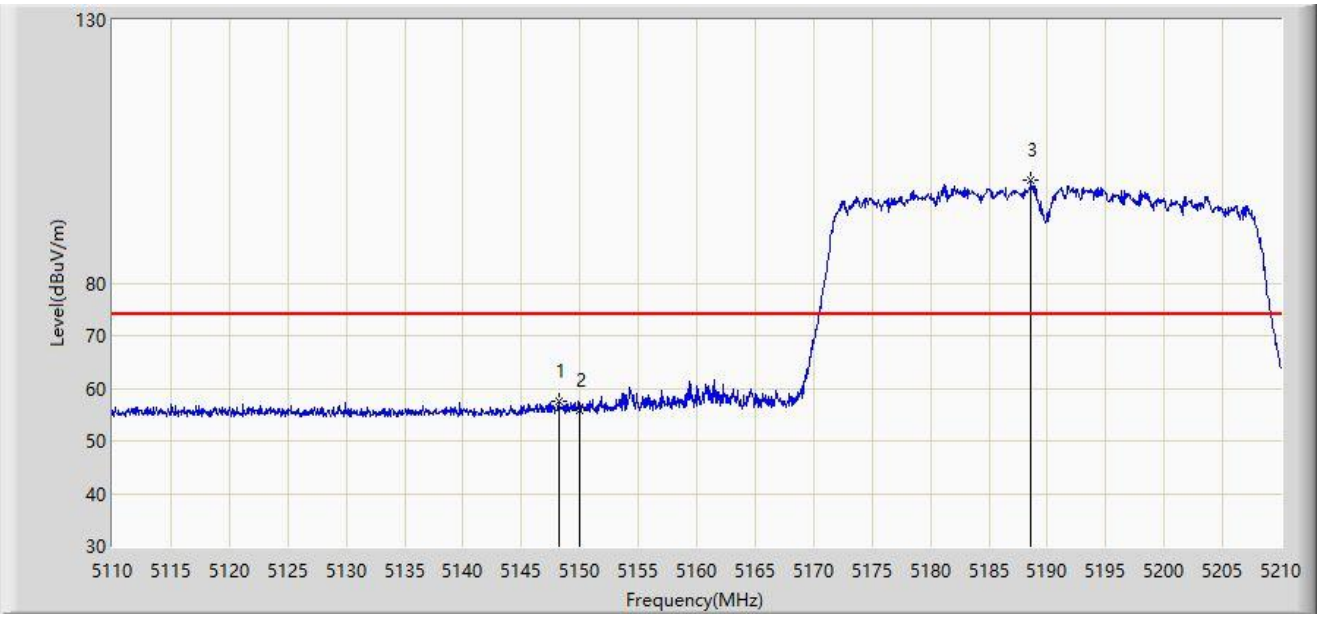
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	53.076	50.517	-0.924	54.000	2.559	AV
2		5187.050	100.451	98.586	N/A	N/A	1.866	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5190MHz	



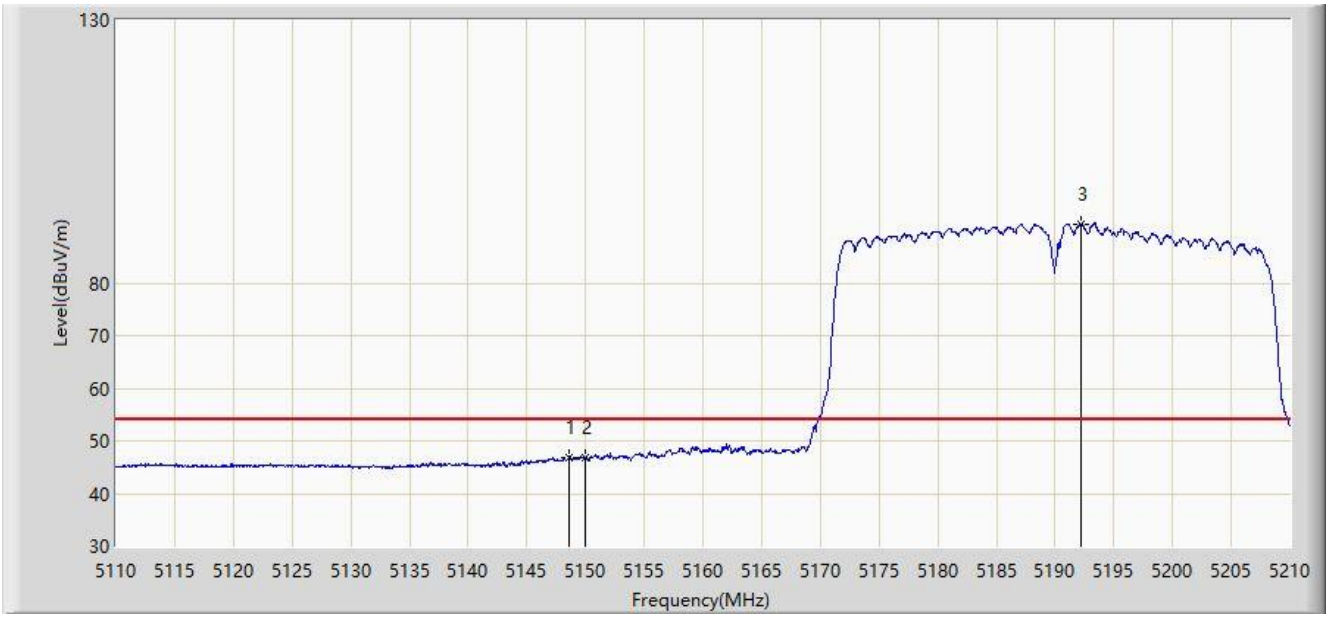
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.200	57.615	55.043	-16.385	74.000	2.572	PK
2		5150.000	55.866	53.307	-18.134	74.000	2.559	PK
3		5188.600	99.502	97.648	N/A	N/A	1.855	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5190MHz	



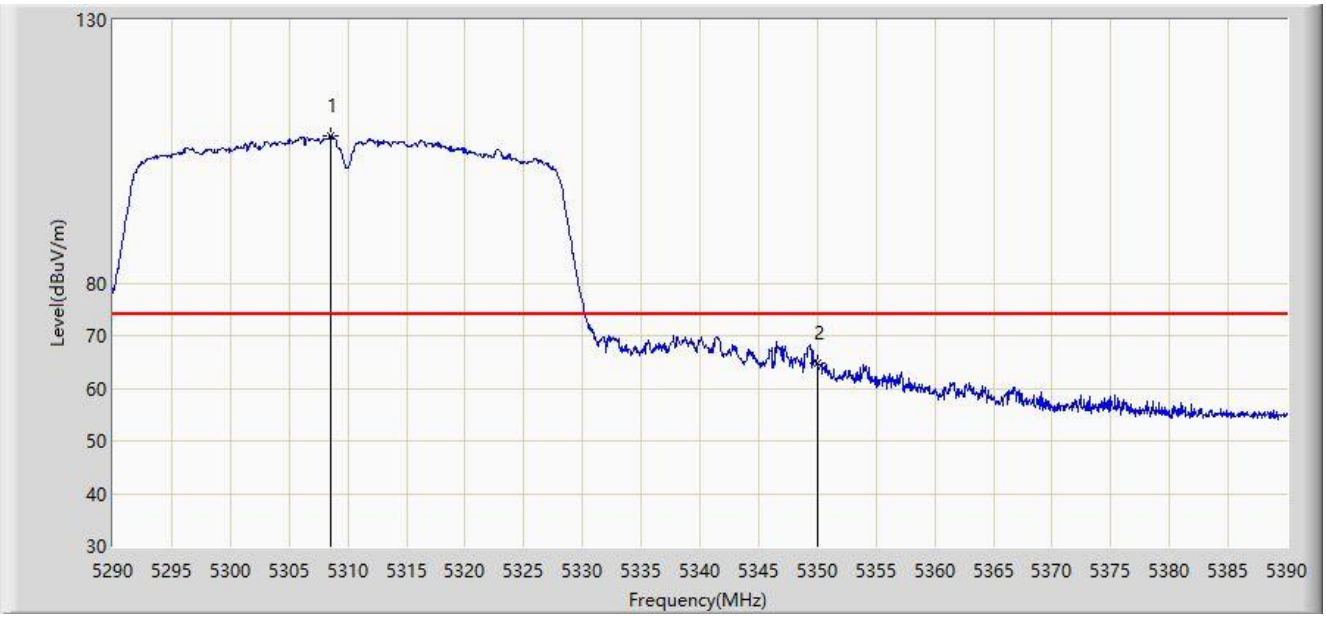
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.550	46.942	44.373	-7.058	54.000	2.569	AV
2		5150.000	46.700	44.141	-7.300	54.000	2.559	AV
3		5192.250	91.300	89.471	N/A	N/A	1.829	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5310MHz	



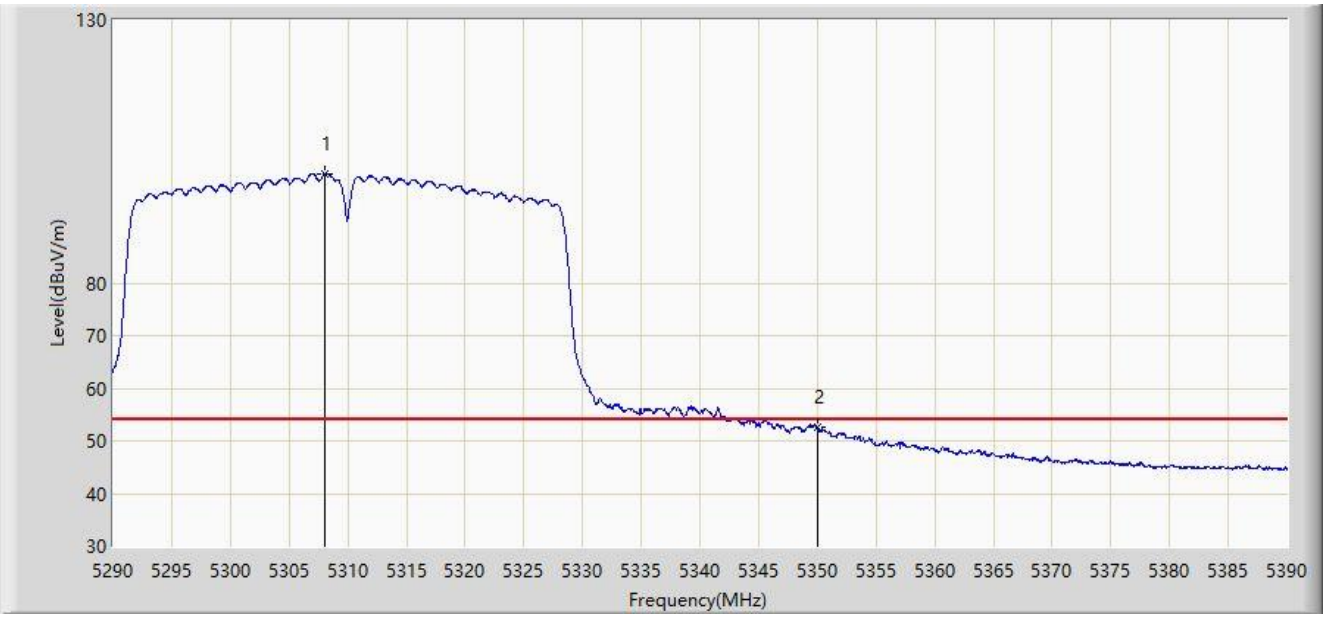
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.550	108.075	106.404	N/A	N/A	1.671	PK
2	*	5350.000	64.718	63.208	-9.282	74.000	1.510	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5310MHz	



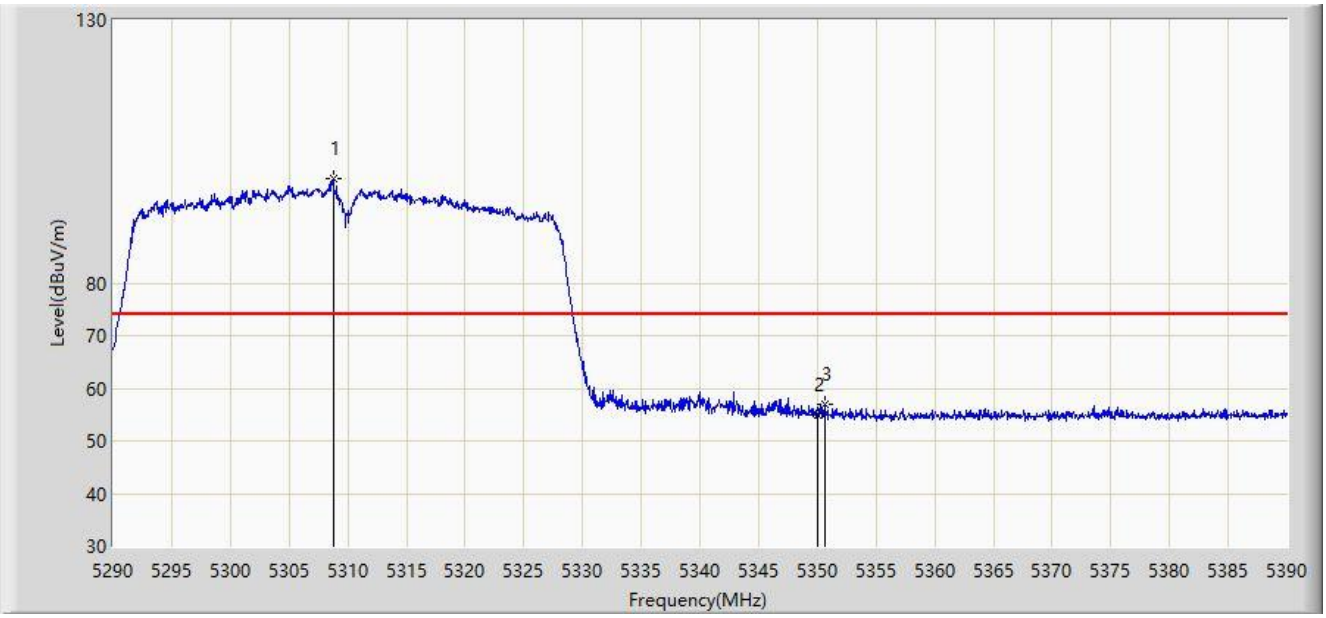
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.100	100.772	99.095	N/A	N/A	1.677	AV
2	*	5350.000	52.523	51.013	-1.477	54.000	1.510	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5310MHz	



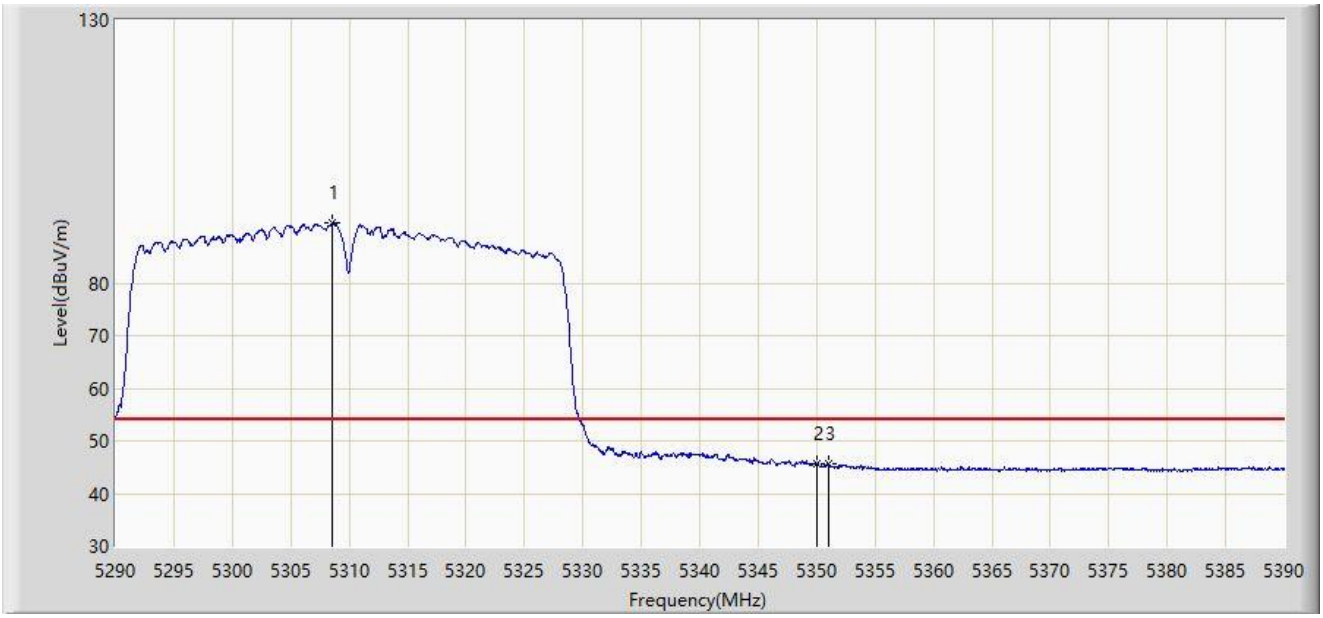
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.800	99.962	98.294	N/A	N/A	1.668	PK
2		5350.000	54.991	53.481	-19.009	74.000	1.510	PK
3	*	5350.650	56.891	55.382	-17.109	74.000	1.509	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5310MHz	



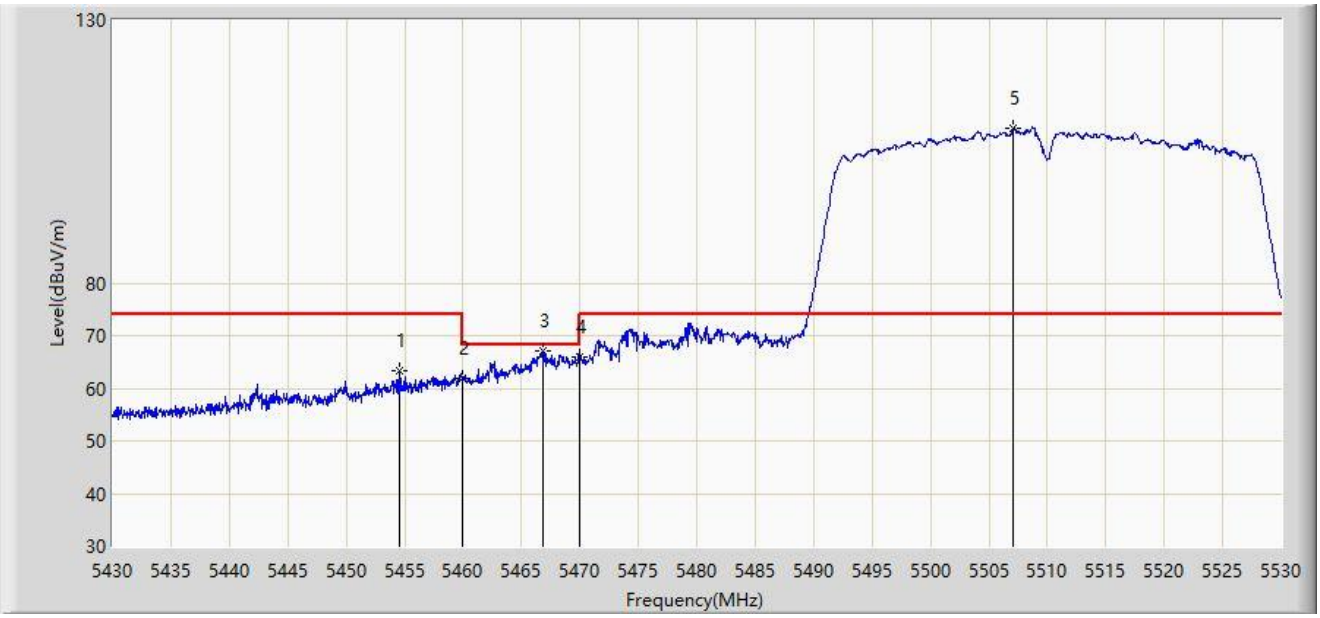
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.550	91.475	89.804	N/A	N/A	1.671	AV
2		5350.000	45.594	44.084	-8.406	54.000	1.510	AV
3	*	5351.000	45.624	44.116	-8.376	54.000	1.508	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5510MHz	



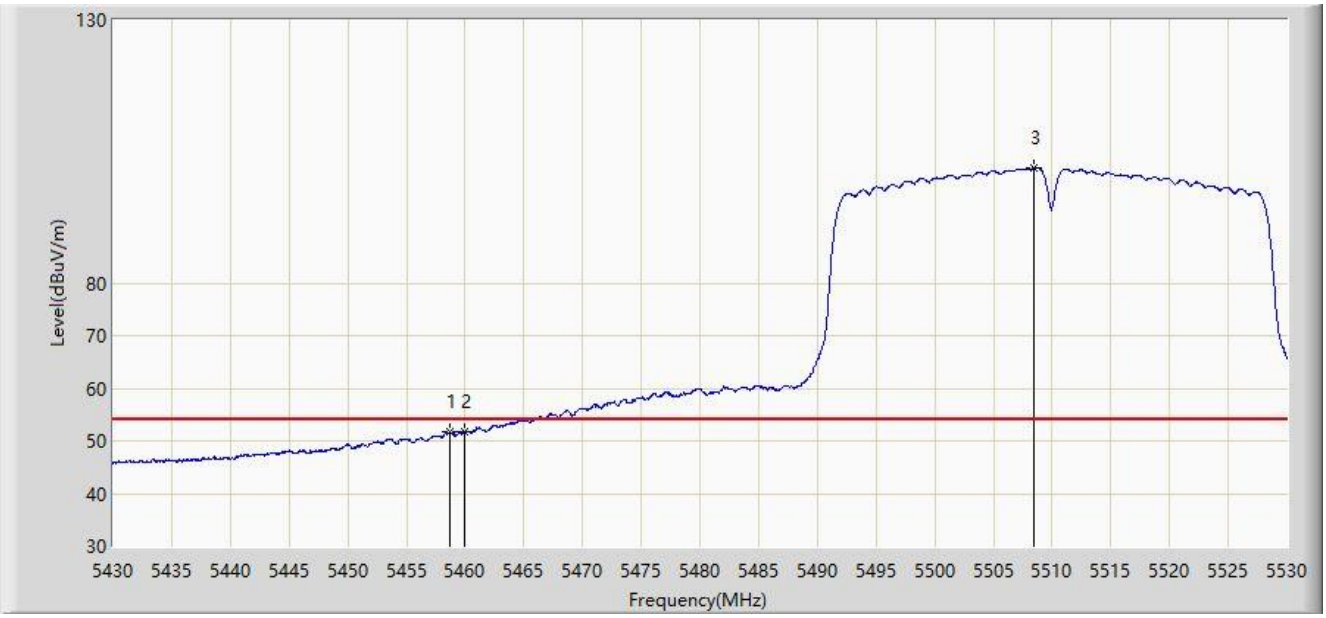
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5454.550	63.239	61.189	-10.761	74.000	2.050	PK
2		5460.000	61.976	59.869	-12.024	74.000	2.108	PK
3	*	5466.850	67.095	64.916	-1.105	68.200	2.179	PK
4		5470.000	65.946	63.734	-2.254	68.200	2.212	PK
5		5507.100	109.530	107.187	N/A	N/A	2.343	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5510MHz	



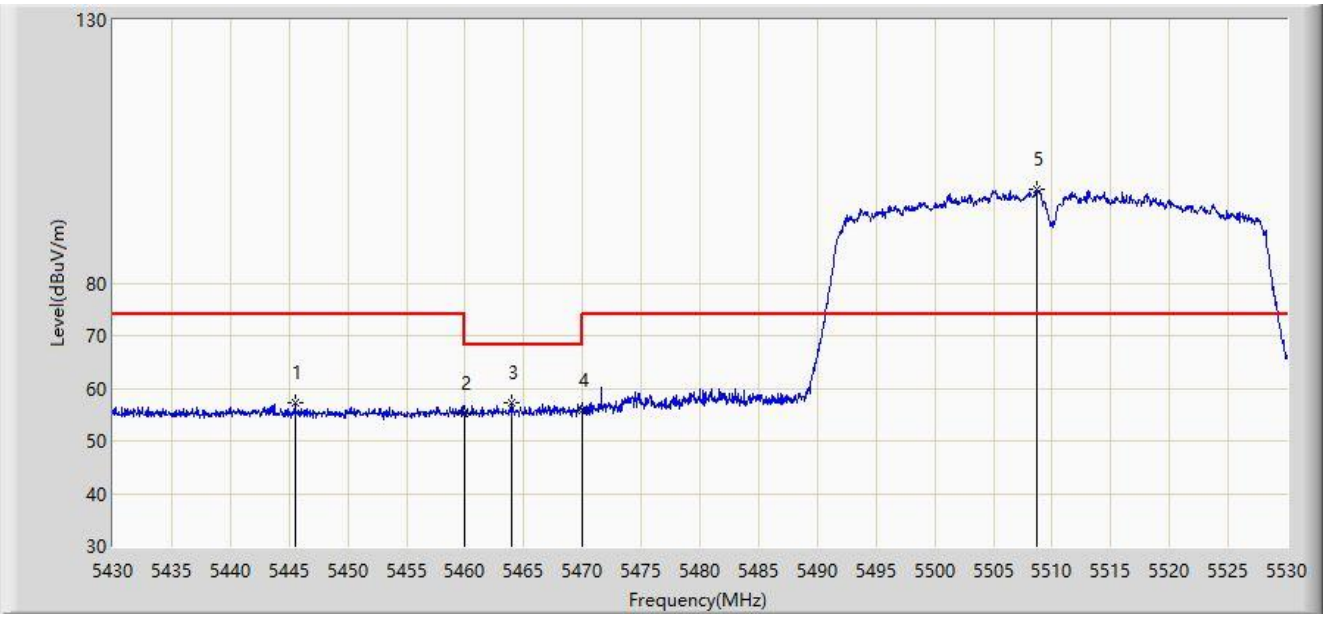
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5458.750	51.770	49.676	-2.230	54.000	2.093	AV
2		5460.000	51.764	49.657	-2.236	54.000	2.108	AV
3		5508.400	101.870	99.569	N/A	N/A	2.302	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5510MHz	



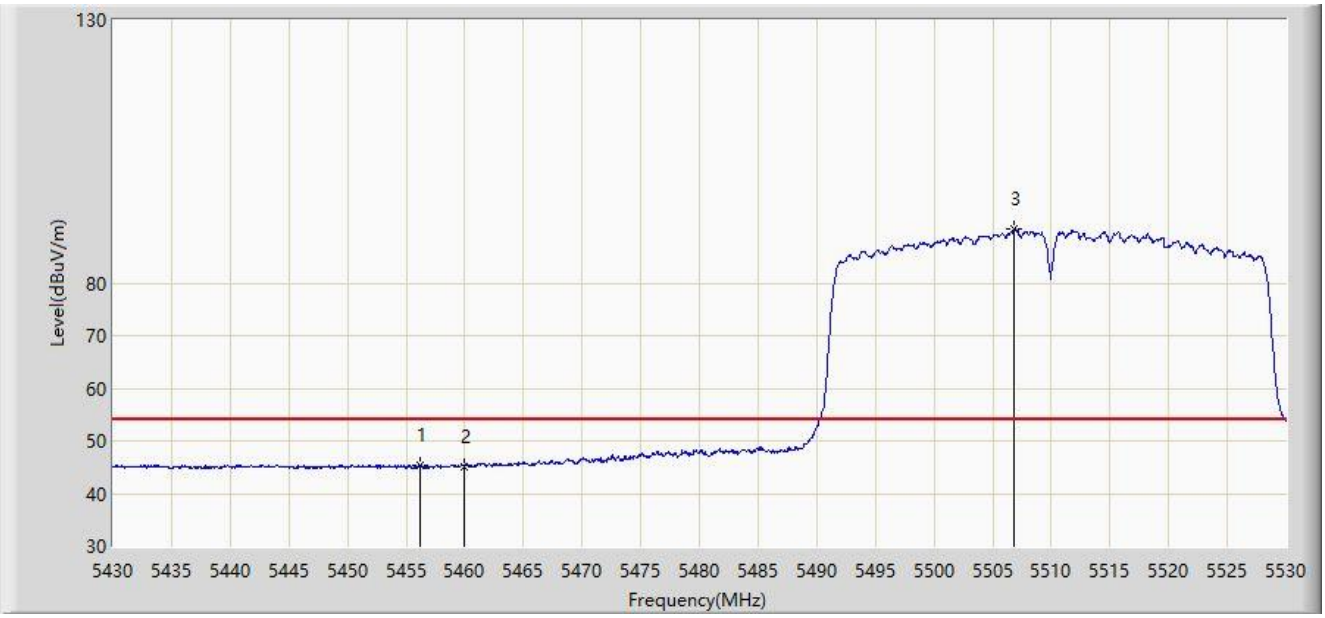
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5445.500	57.254	55.079	-16.746	74.000	2.174	PK
2		5460.000	55.266	53.159	-18.734	74.000	2.108	PK
3	*	5463.900	57.214	55.066	-10.986	68.200	2.148	PK
4		5470.000	55.844	53.632	-12.356	68.200	2.212	PK
5		5508.650	97.933	95.640	N/A	N/A	2.293	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5510MHz	



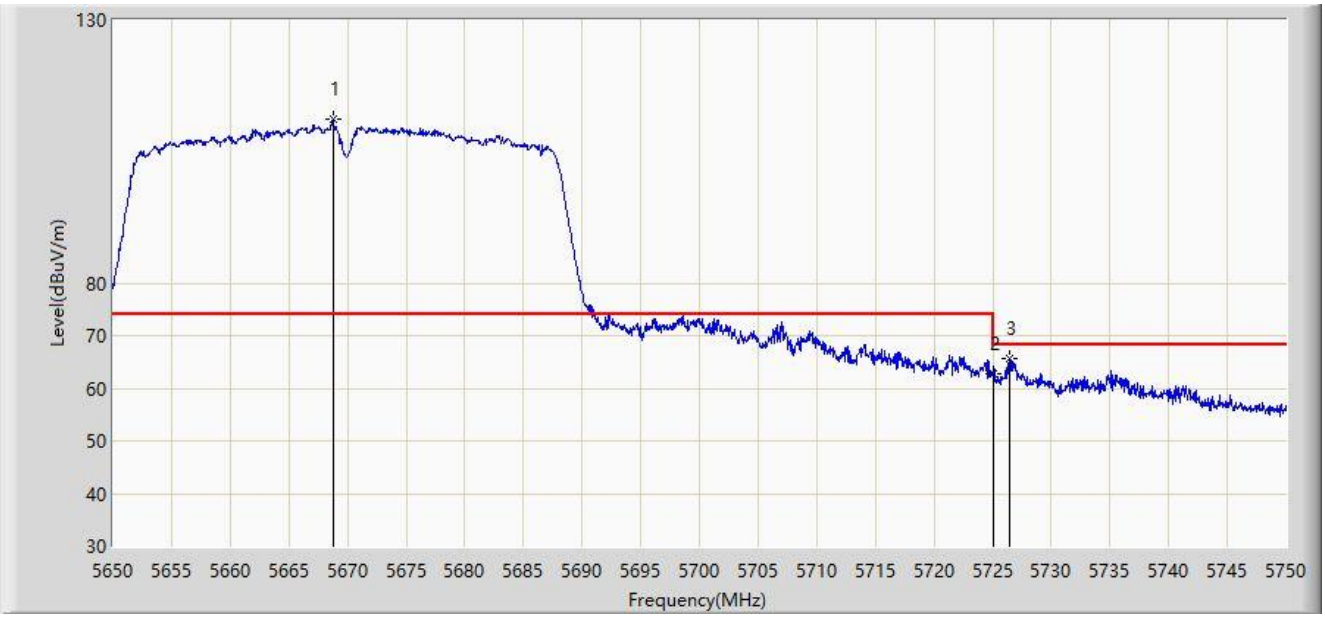
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5456.150	45.400	43.333	-8.600	54.000	2.067	AV
2		5460.000	45.120	43.013	-8.880	54.000	2.108	AV
3		5506.850	90.258	87.906	N/A	N/A	2.352	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5670MHz	



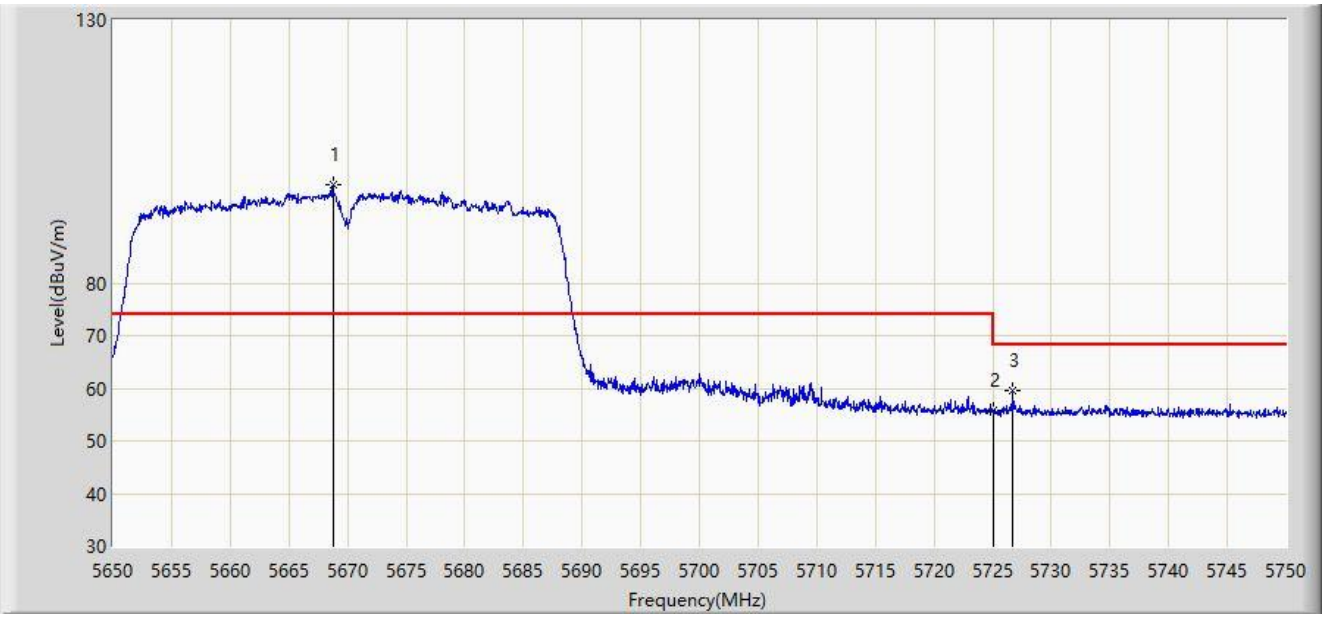
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5668.750	111.110	108.559	N/A	N/A	2.551	PK
2		5725.000	62.838	59.994	-5.362	68.200	2.844	PK
3	*	5726.450	65.760	62.904	-2.440	68.200	2.856	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5670MHz	



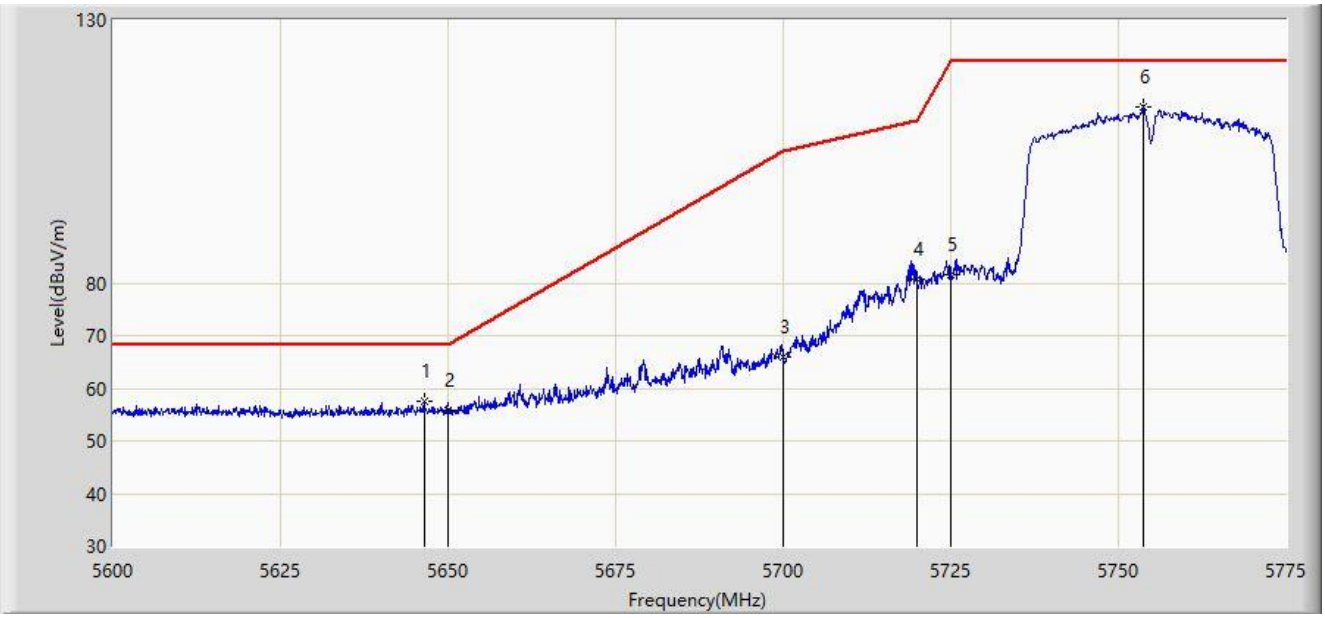
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5668.800	98.624	96.074	N/A	N/A	2.551	PK
2		5725.000	55.713	52.869	-12.487	68.200	2.844	PK
3	*	5726.750	59.572	56.713	-8.628	68.200	2.858	PK

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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5755MHz	



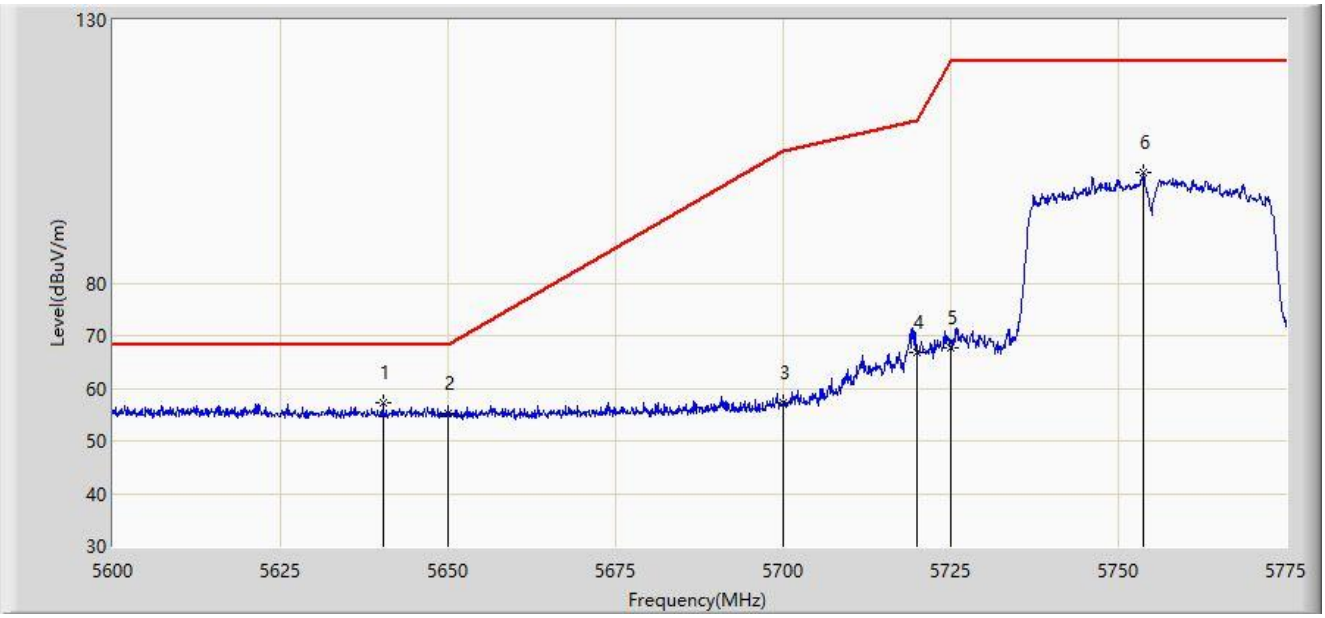
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5646.462	57.607	55.065	-10.593	68.200	2.542	PK
2		5650.000	55.686	53.135	-12.514	68.200	2.552	PK
3		5700.000	65.917	63.050	-39.283	105.200	2.867	PK
4		5720.000	80.789	77.979	-30.011	110.800	2.810	PK
5		5725.000	81.553	78.709	-40.647	122.200	2.844	PK
6		5753.650	113.485	110.367	N/A	N/A	3.117	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5755MHz	



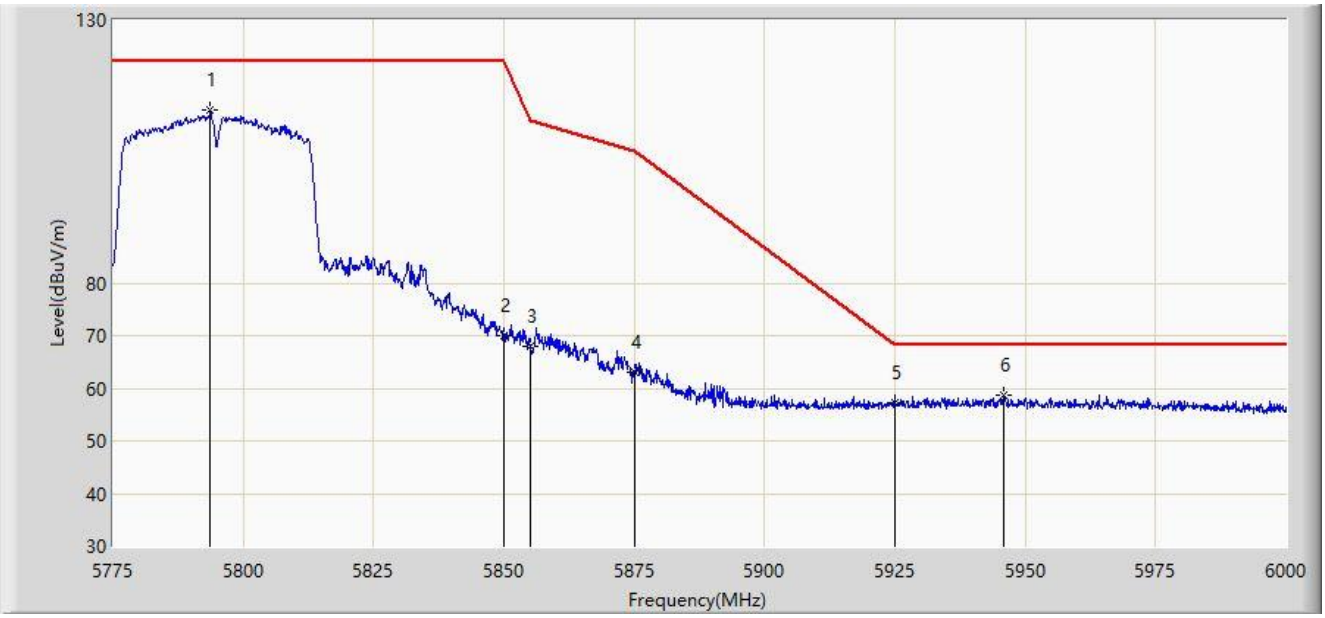
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5640.250	57.333	54.811	-10.867	68.200	2.522	PK
2		5650.000	55.311	52.760	-12.889	68.200	2.552	PK
3		5700.000	57.270	54.403	-47.930	105.200	2.867	PK
4		5720.000	66.766	63.956	-44.034	110.800	2.810	PK
5		5725.000	67.575	64.731	-54.625	122.200	2.844	PK
6		5753.650	100.975	97.857	N/A	N/A	3.117	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5795MHz	



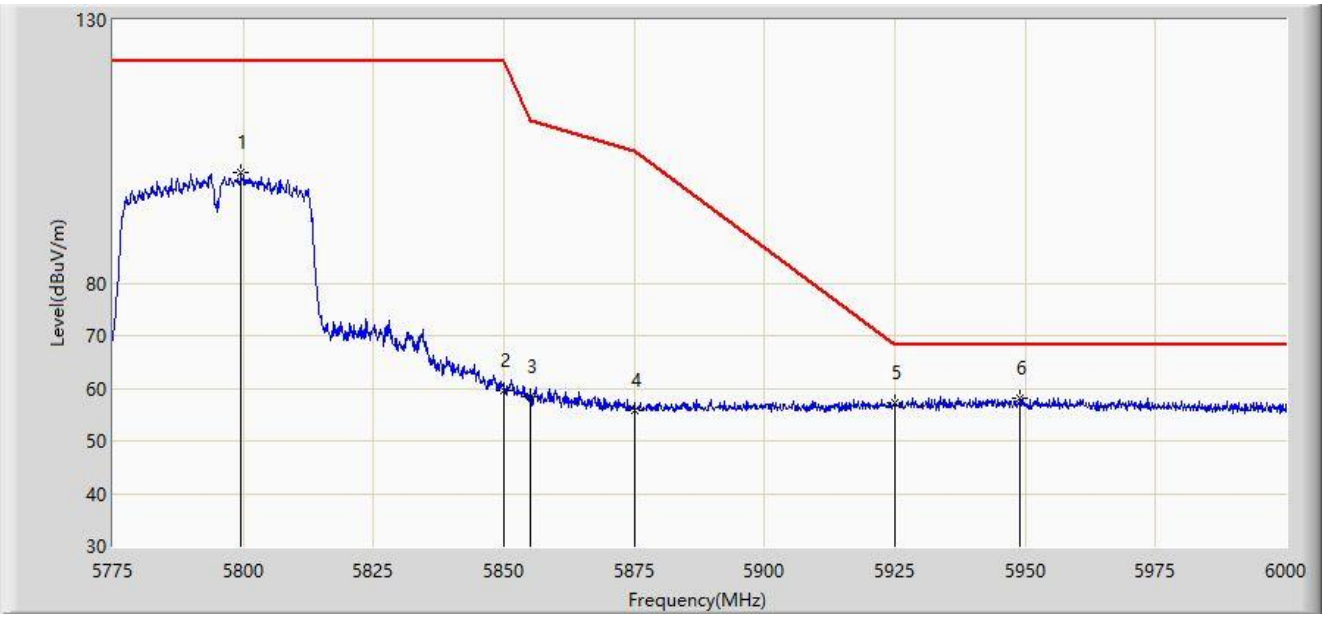
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5793.675	112.769	109.568	N/A	N/A	3.201	PK
2		5850.000	70.034	66.702	-52.166	122.200	3.333	PK
3		5855.000	67.872	64.532	-42.928	110.800	3.340	PK
4		5875.000	63.142	59.748	-42.058	105.200	3.393	PK
5		5925.000	57.356	53.591	-10.844	68.200	3.766	PK
6	*	5945.775	58.801	54.838	-9.399	68.200	3.963	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT40 at 5795MHz	



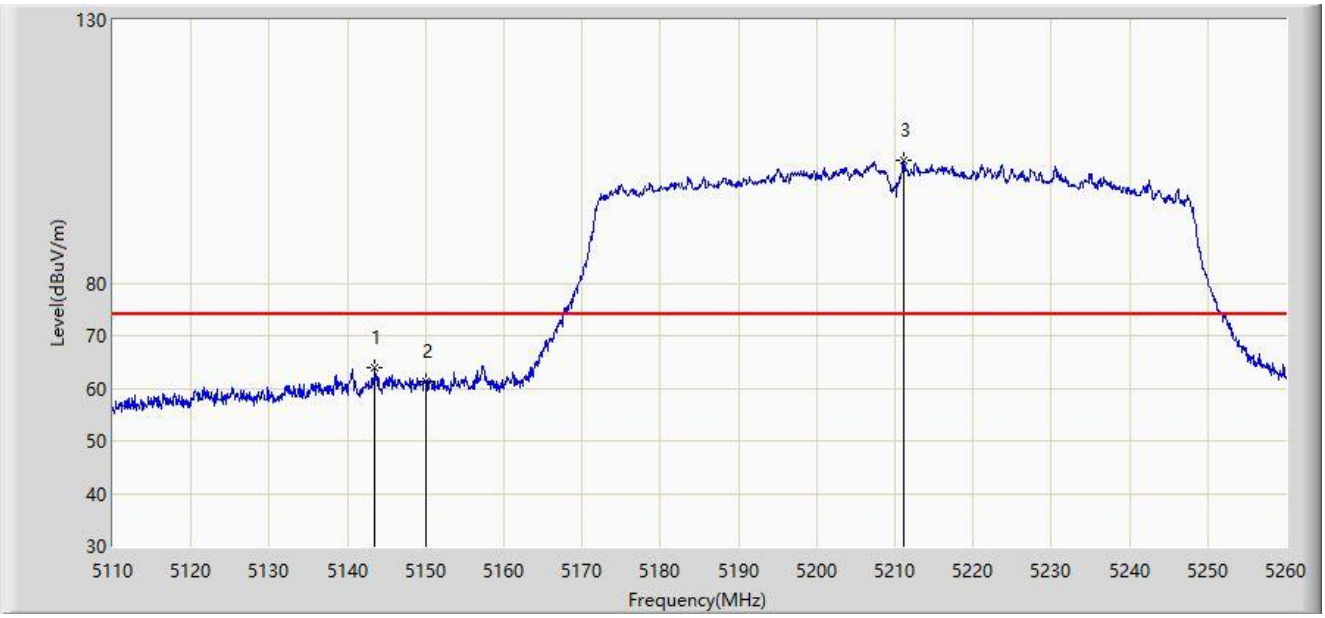
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5799.525	100.911	97.722	N/A	N/A	3.189	PK
2		5850.000	59.487	56.155	-62.713	122.200	3.333	PK
3		5855.000	58.453	55.113	-52.347	110.800	3.340	PK
4		5875.000	55.901	52.507	-49.299	105.200	3.393	PK
5		5925.000	57.311	53.546	-10.889	68.200	3.766	PK
6	*	5949.038	58.232	54.281	-9.968	68.200	3.951	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5210MHz	



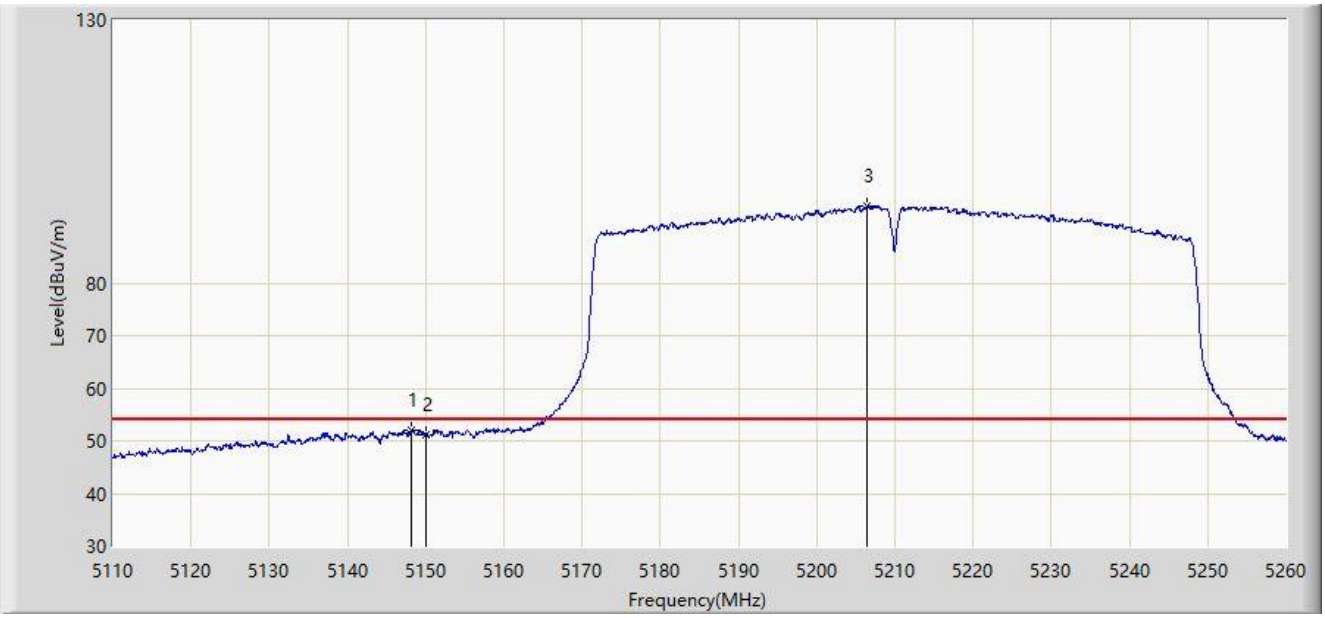
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5143.450	64.012	61.540	-9.988	74.000	2.472	PK
2		5150.000	61.229	58.670	-12.771	74.000	2.559	PK
3		5211.175	103.214	101.119	N/A	N/A	2.096	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5210MHz	



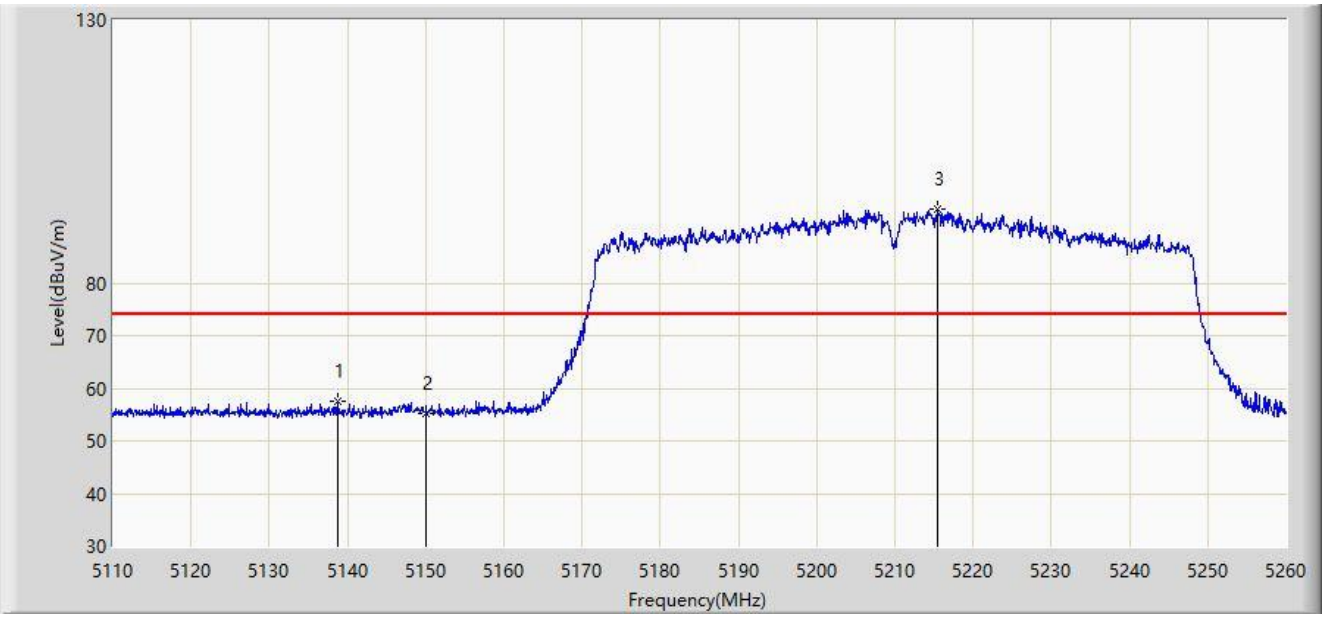
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.100	51.918	49.346	-2.082	54.000	2.573	AV
2		5150.000	51.062	48.503	-2.938	54.000	2.559	AV
3		5206.450	94.583	92.610	N/A	N/A	1.973	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5210MHz	



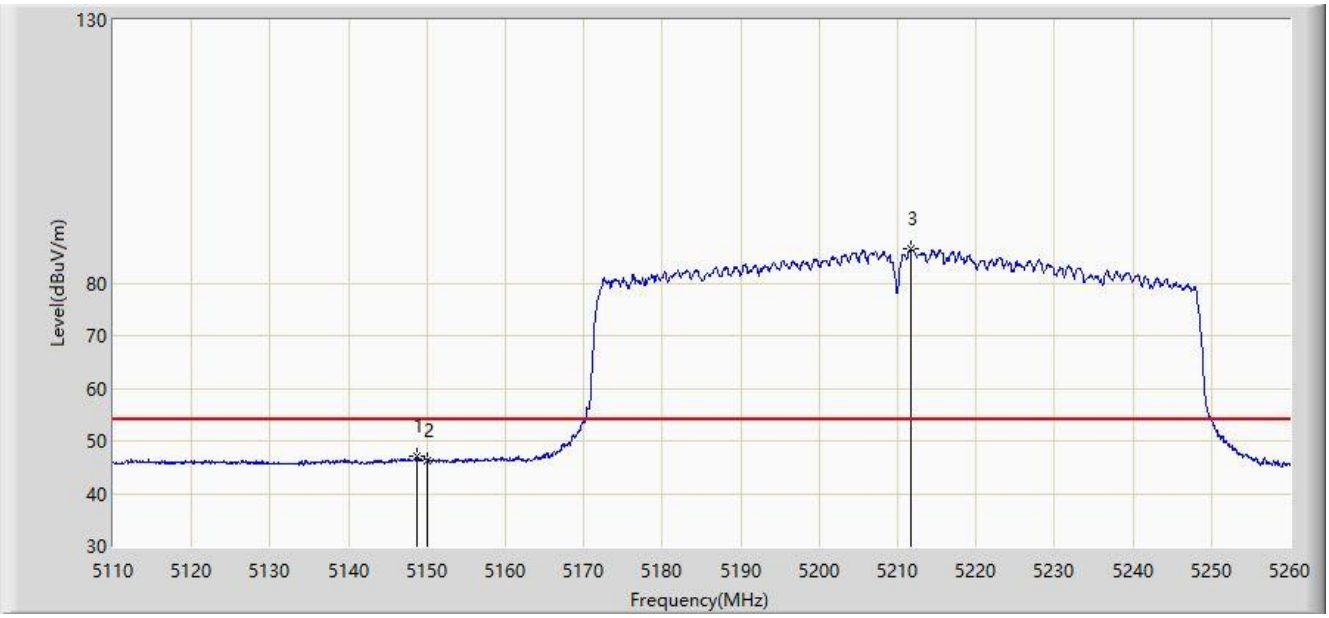
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5138.725	57.596	55.229	-16.404	74.000	2.367	PK
2		5150.000	55.211	52.652	-18.789	74.000	2.559	PK
3		5215.450	93.966	91.760	N/A	N/A	2.206	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5210MHz	



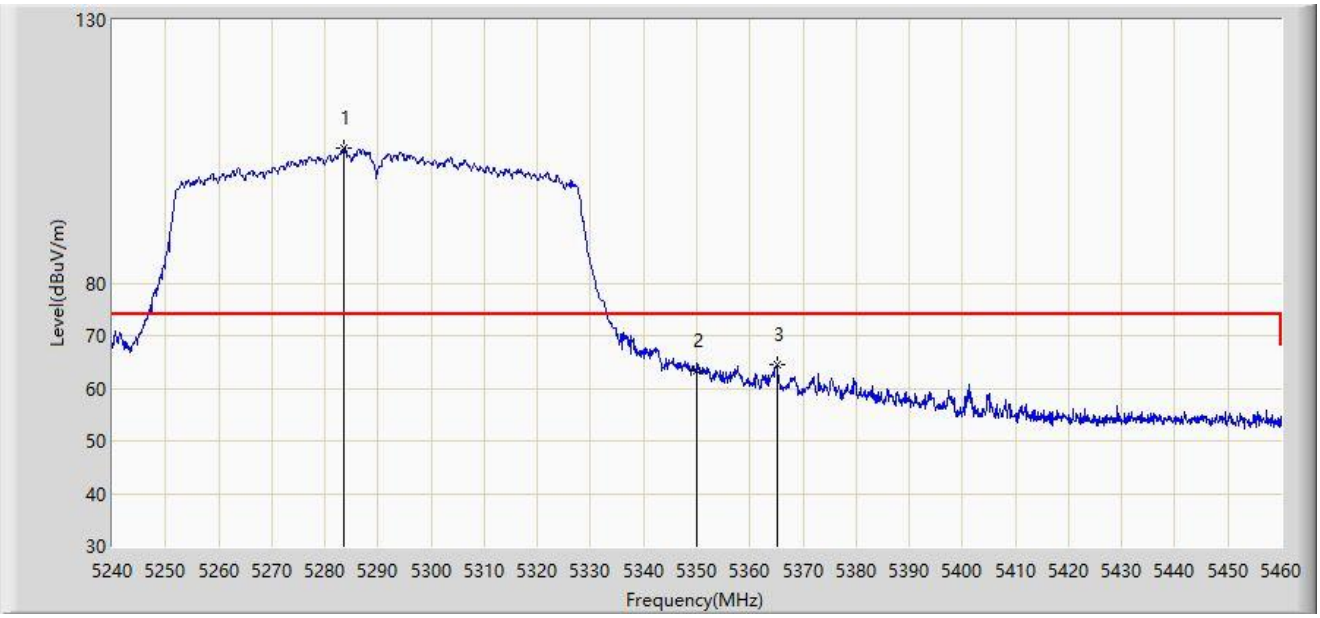
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.700	46.989	44.421	-7.011	54.000	2.568	AV
2		5150.000	46.293	43.734	-7.707	54.000	2.559	AV
3		5211.625	86.415	84.308	N/A	N/A	2.107	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5290MHz	



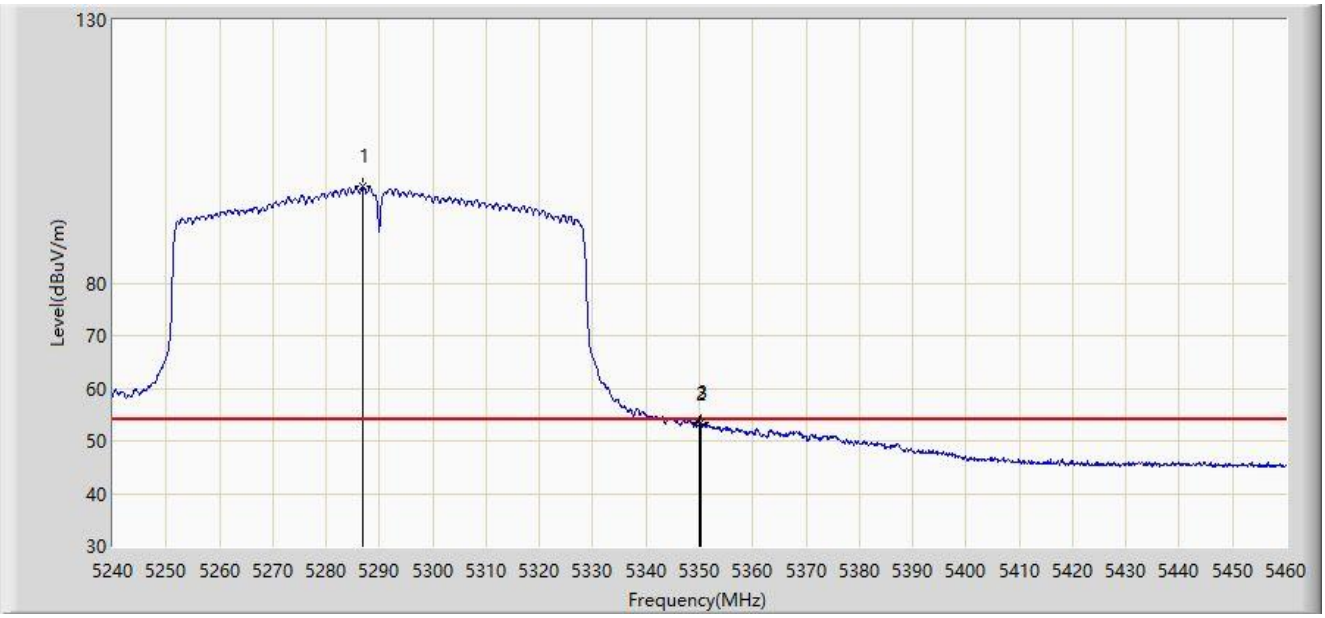
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5283.670	105.666	103.802	N/A	N/A	1.863	PK
2		5350.000	63.392	61.882	-10.608	74.000	1.510	PK
3	*	5365.070	64.413	62.724	-9.587	74.000	1.689	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5290MHz	



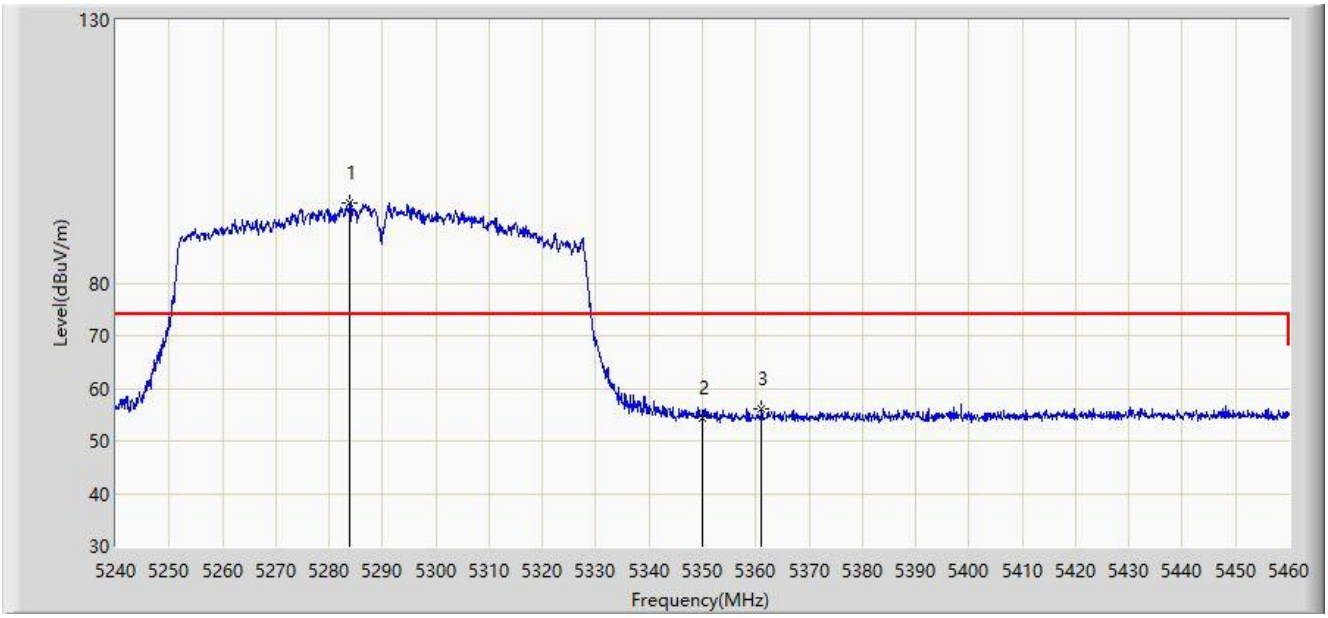
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5286.970	98.289	96.437	N/A	N/A	1.852	AV
2		5350.000	53.045	51.535	-0.955	54.000	1.510	AV
3	*	5350.330	53.388	51.878	-0.612	54.000	1.510	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5290MHz	



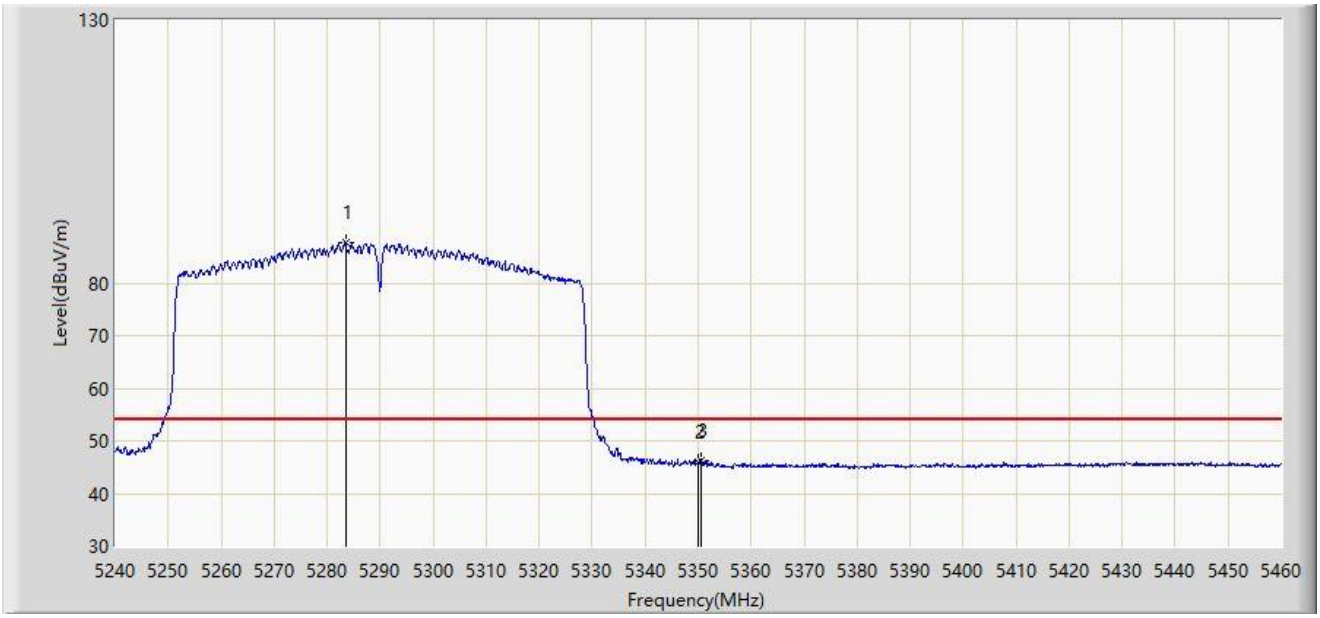
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5283.890	95.156	93.288	N/A	N/A	1.867	PK
2		5350.000	54.461	52.951	-19.539	74.000	1.510	PK
3	*	5361.110	55.982	54.348	-18.018	74.000	1.634	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5290MHz	



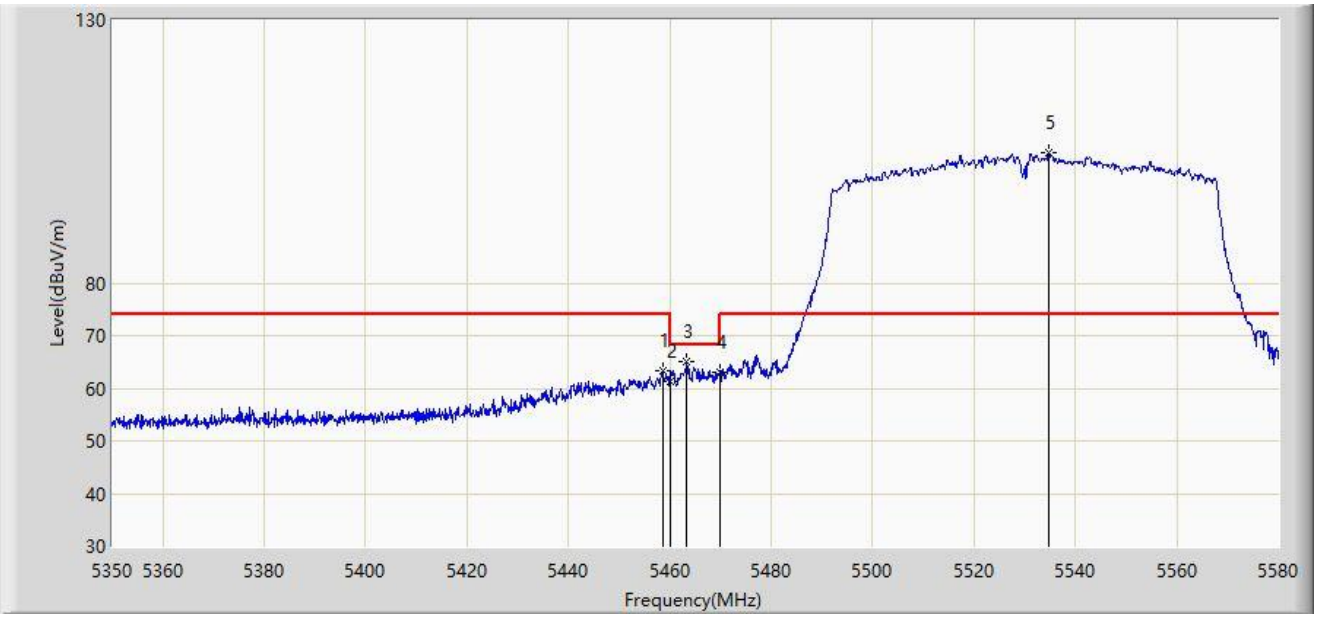
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5283.450	87.724	85.864	N/A	N/A	1.860	AV
2		5350.000	45.904	44.394	-8.096	54.000	1.510	AV
3	*	5350.660	46.179	44.670	-7.821	54.000	1.509	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5530MHz	



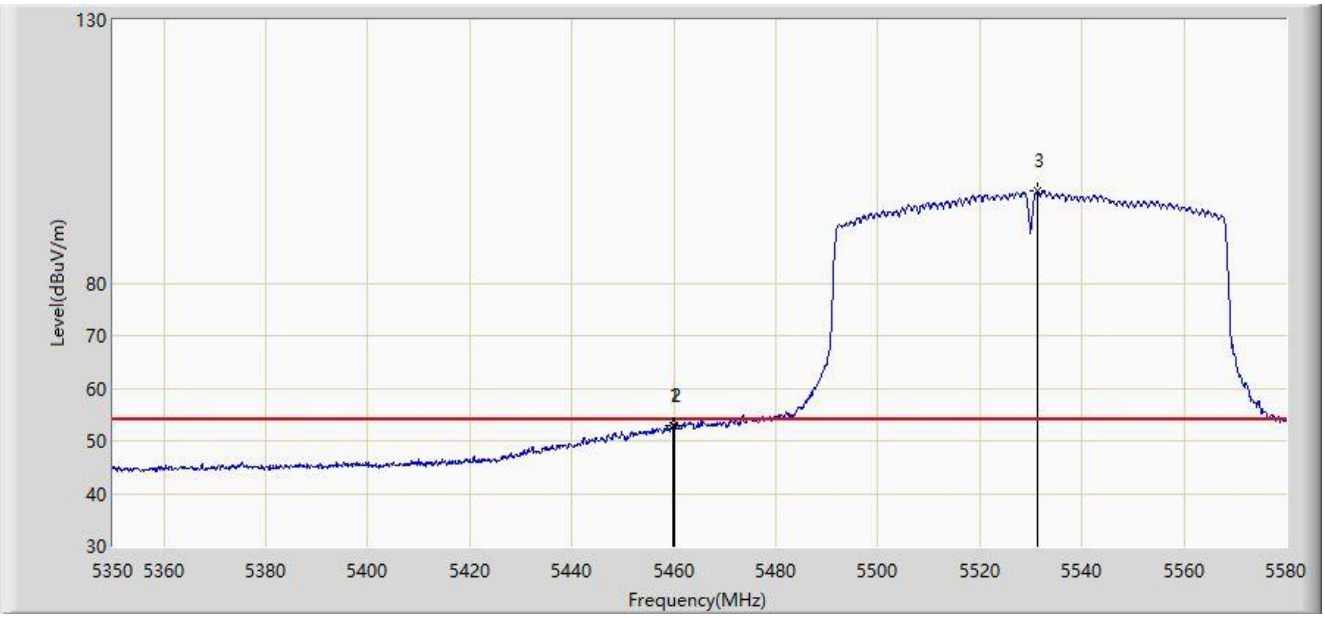
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.675	63.336	61.243	-10.664	74.000	2.093	PK
2		5460.000	61.241	59.134	-12.759	74.000	2.108	PK
3	*	5463.275	65.123	62.981	-3.077	68.200	2.141	PK
4		5470.000	62.992	60.780	-5.208	68.200	2.212	PK
5		5534.805	104.660	102.475	N/A	N/A	2.186	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5530MHz	



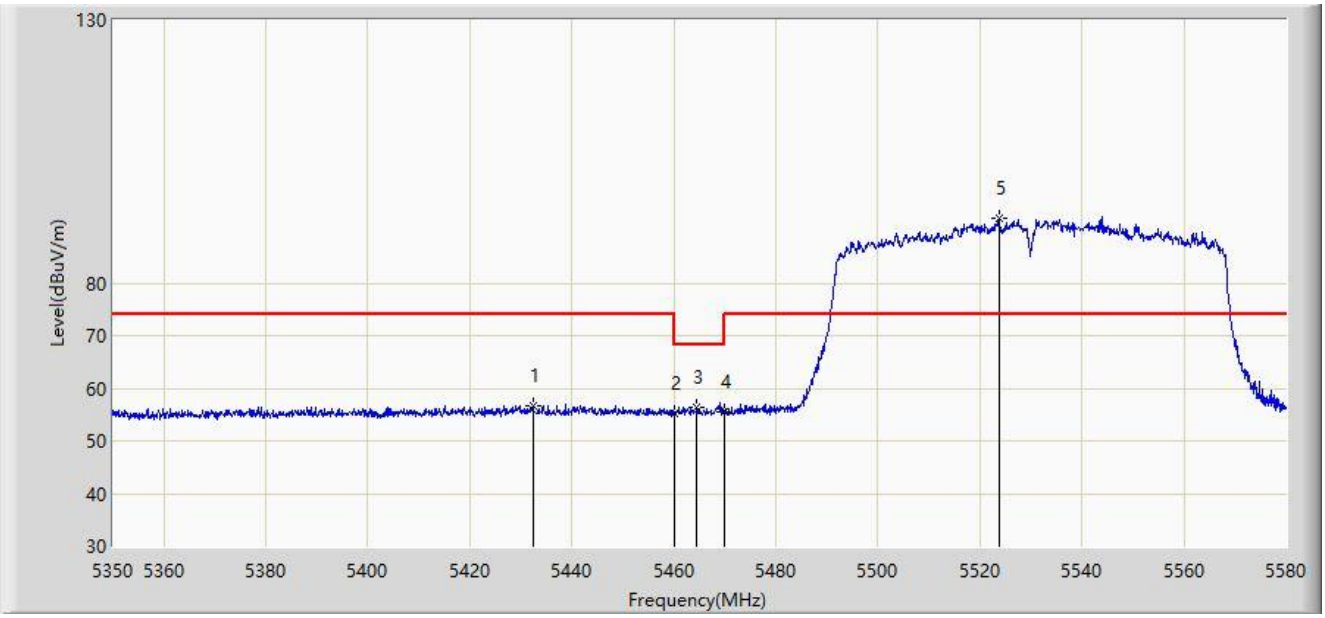
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.940	52.966	50.859	-1.034	54.000	2.106	AV
2		5460.000	52.861	50.754	-1.139	54.000	2.108	AV
3		5531.240	97.462	95.368	N/A	N/A	2.094	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5530MHz	



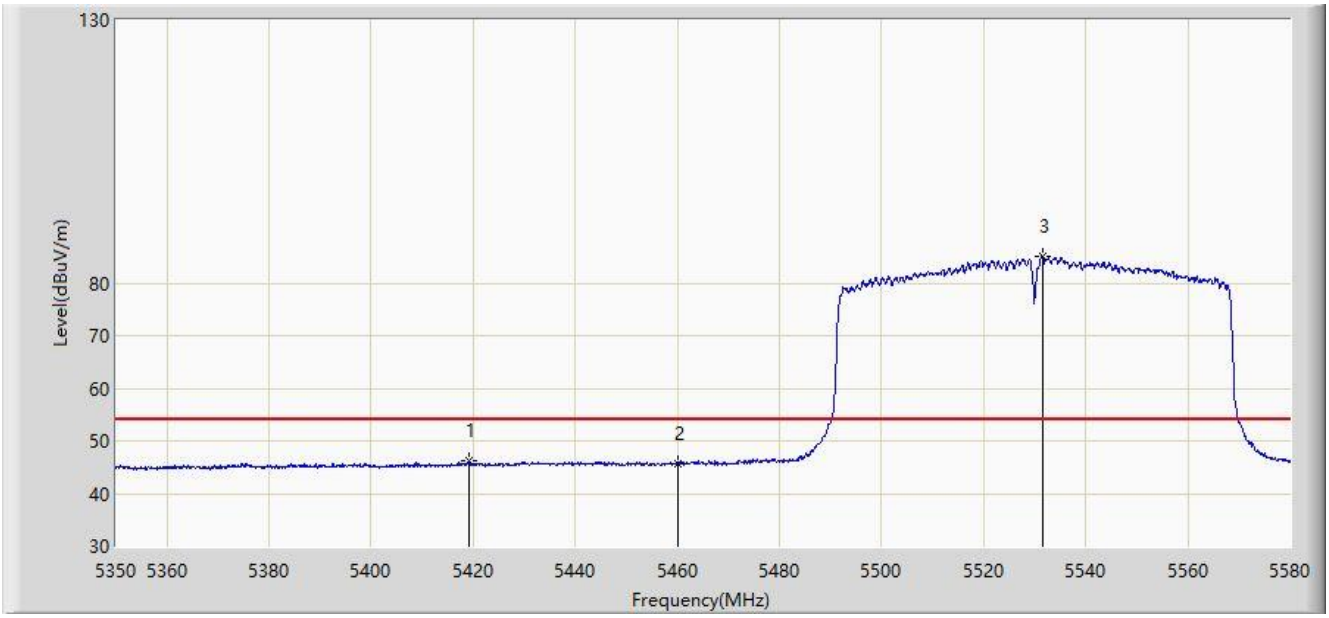
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5432.340	56.728	54.474	-17.272	74.000	2.254	PK
2		5460.000	55.292	53.185	-18.708	74.000	2.108	PK
3	*	5464.540	56.312	54.157	-11.888	68.200	2.155	PK
4		5470.000	55.532	53.320	-12.668	68.200	2.212	PK
5		5523.765	92.399	90.497	N/A	N/A	1.902	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5530MHz	



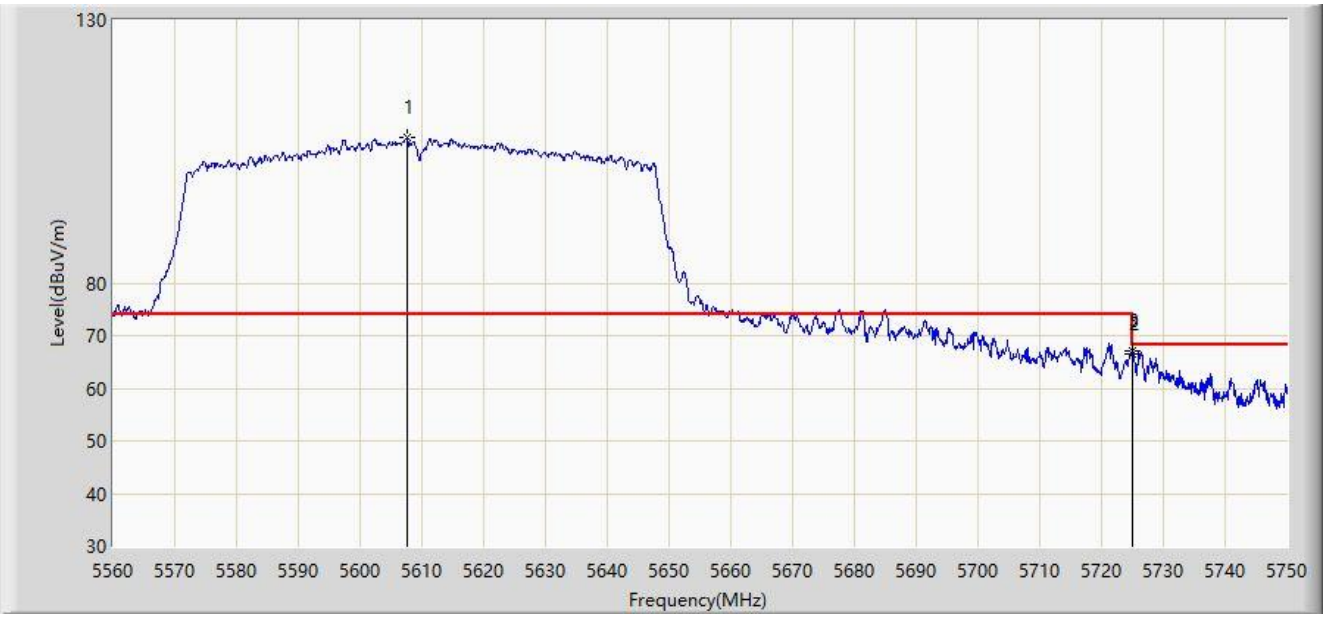
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5419.115	46.126	44.022	-7.874	54.000	2.104	AV
2		5460.000	45.766	43.659	-8.234	54.000	2.108	AV
3		5531.585	85.087	82.984	N/A	N/A	2.102	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5610MHz	



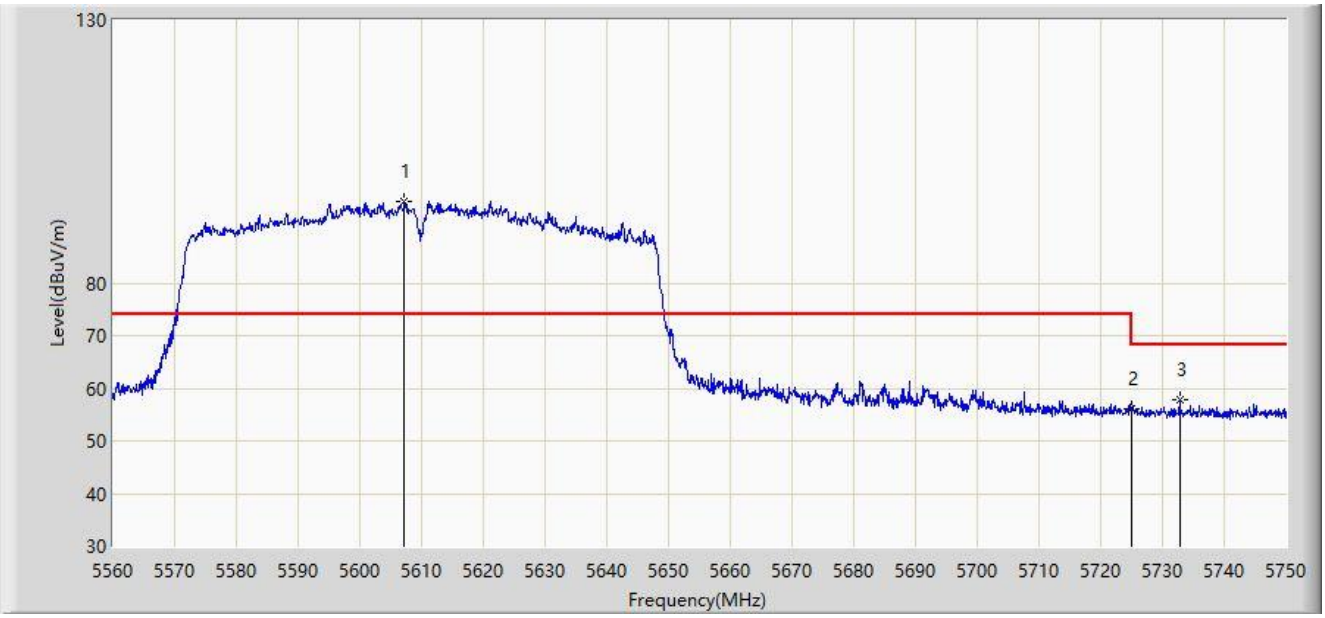
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5607.500	107.624	105.199	N/A	N/A	2.424	PK
2		5725.000	66.516	63.672	-1.684	68.200	2.844	PK
3	*	5725.110	66.980	64.135	-1.220	68.200	2.845	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5610MHz	



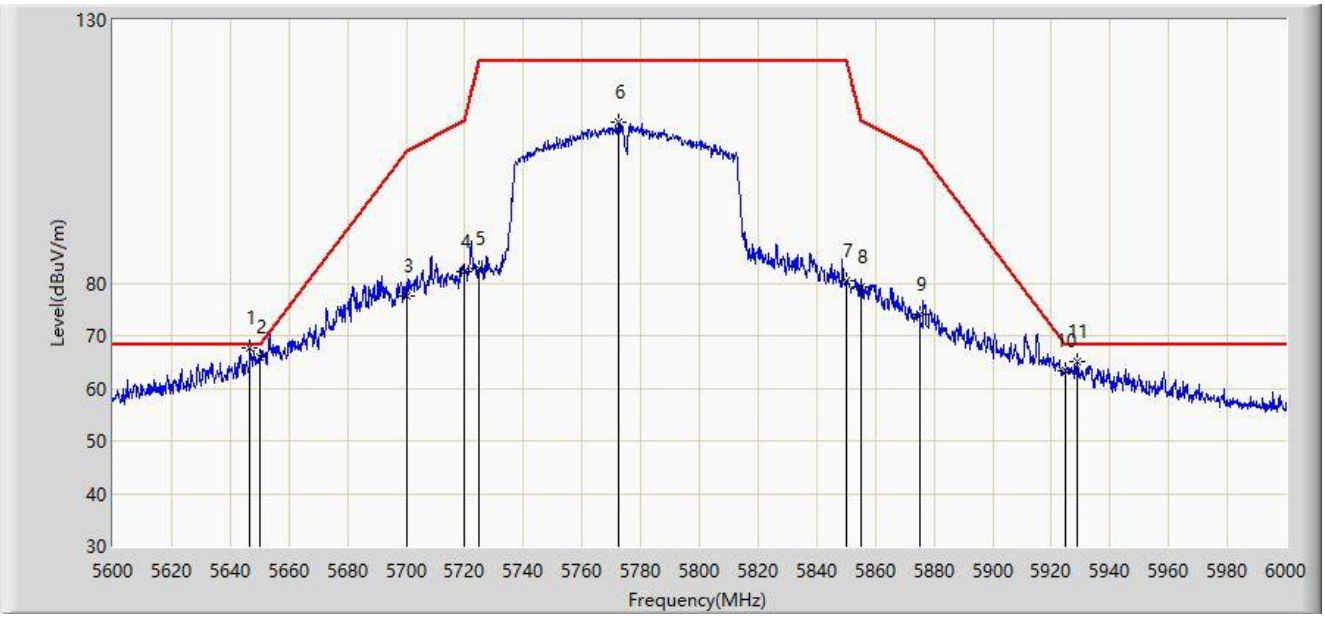
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5607.215	95.600	93.175	N/A	N/A	2.426	PK
2		5725.000	56.196	53.352	-12.004	68.200	2.844	PK
3	*	5732.805	57.881	54.959	-10.319	68.200	2.922	PK

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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5775MHz	



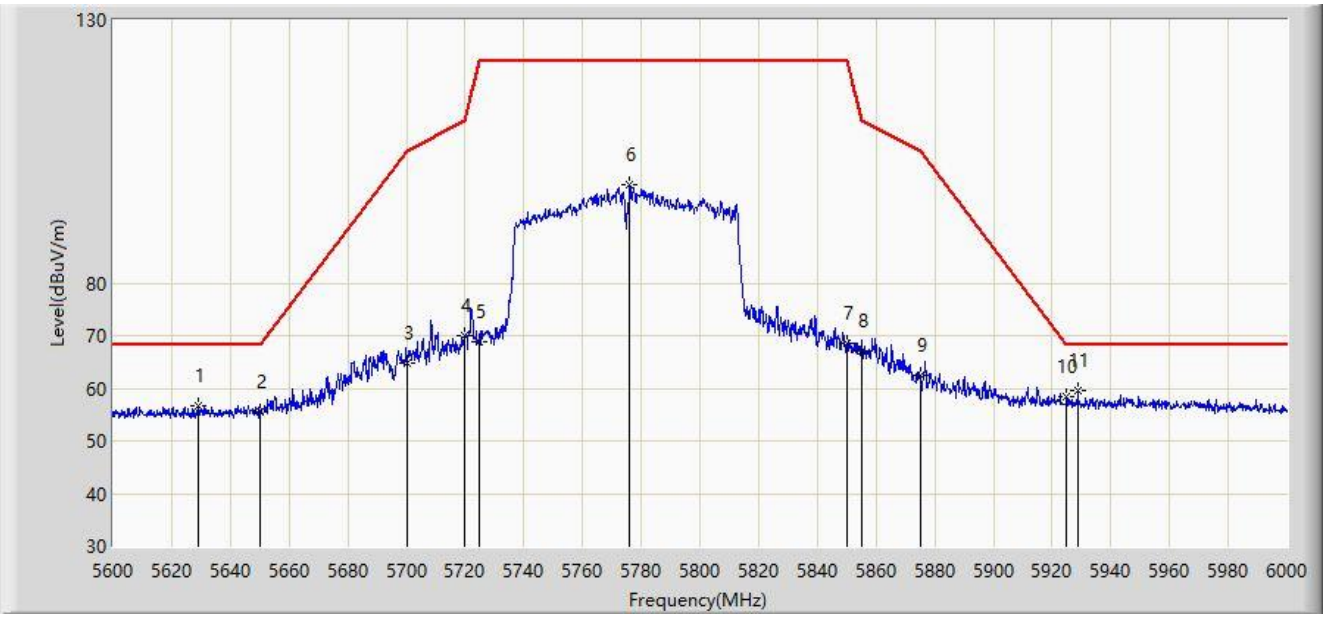
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5646.800	67.602	65.059	-0.598	68.200	2.542	PK
2		5650.000	66.026	63.475	-2.174	68.200	2.552	PK
3		5700.000	77.474	74.607	-27.726	105.200	2.867	PK
4		5720.000	82.226	79.416	-28.574	110.800	2.810	PK
5		5725.000	82.873	80.029	-39.327	122.200	2.844	PK
6		5772.400	110.680	107.602	N/A	N/A	3.078	PK
7		5850.000	80.541	77.209	-41.659	122.200	3.333	PK
8		5855.000	79.420	76.080	-31.380	110.800	3.340	PK
9		5875.000	74.179	70.785	-31.021	105.200	3.393	PK
10		5925.000	63.426	59.661	-4.774	68.200	3.766	PK
11		5928.800	64.985	61.142	-3.215	68.200	3.843	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: 2023-07-04
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac_VHT80 at 5775MHz	



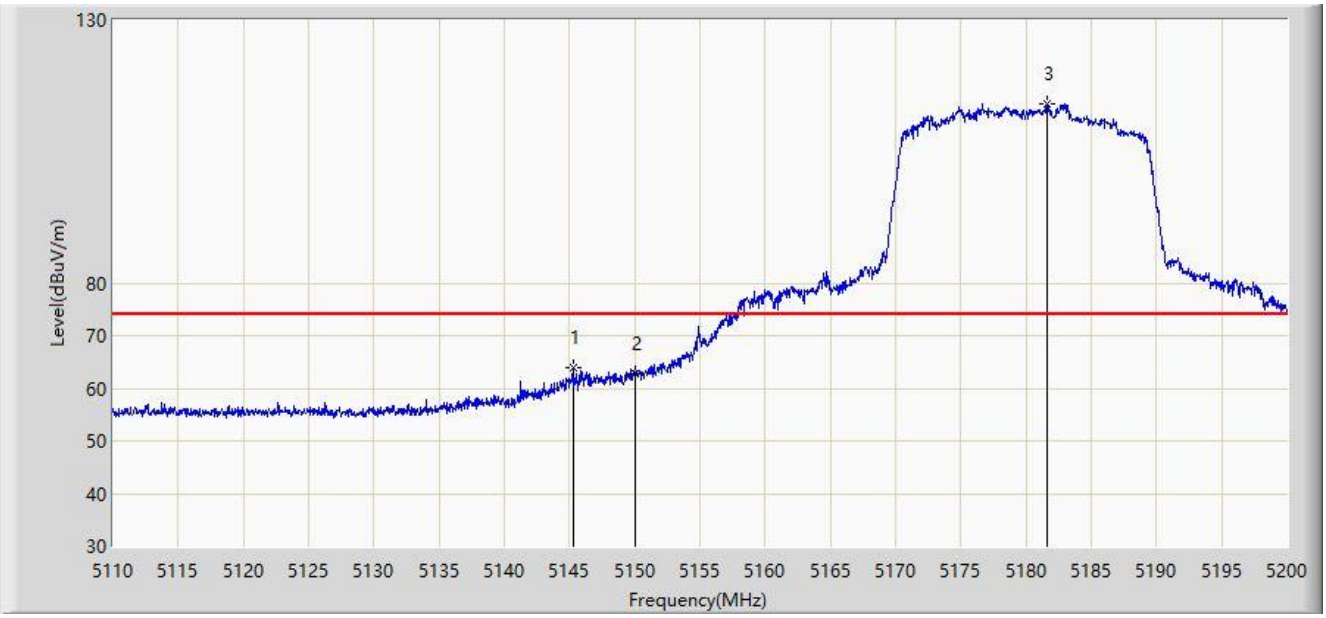
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5629.000	56.759	54.331	-11.441	68.200	2.427	PK
2		5650.000	55.639	53.088	-12.561	68.200	2.552	PK
3		5700.000	64.698	61.831	-40.502	105.200	2.867	PK
4		5720.000	69.991	67.181	-40.809	110.800	2.810	PK
5		5725.000	68.808	65.964	-53.392	122.200	2.844	PK
6		5776.000	98.595	95.544	N/A	N/A	3.050	PK
7		5850.000	68.684	65.352	-53.516	122.200	3.333	PK
8		5855.000	66.975	63.635	-43.825	110.800	3.340	PK
9		5875.000	62.540	59.146	-42.660	105.200	3.393	PK
10		5925.000	58.372	54.607	-9.828	68.200	3.766	PK
11	*	5928.800	59.473	55.630	-8.727	68.200	3.843	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5180MHz	



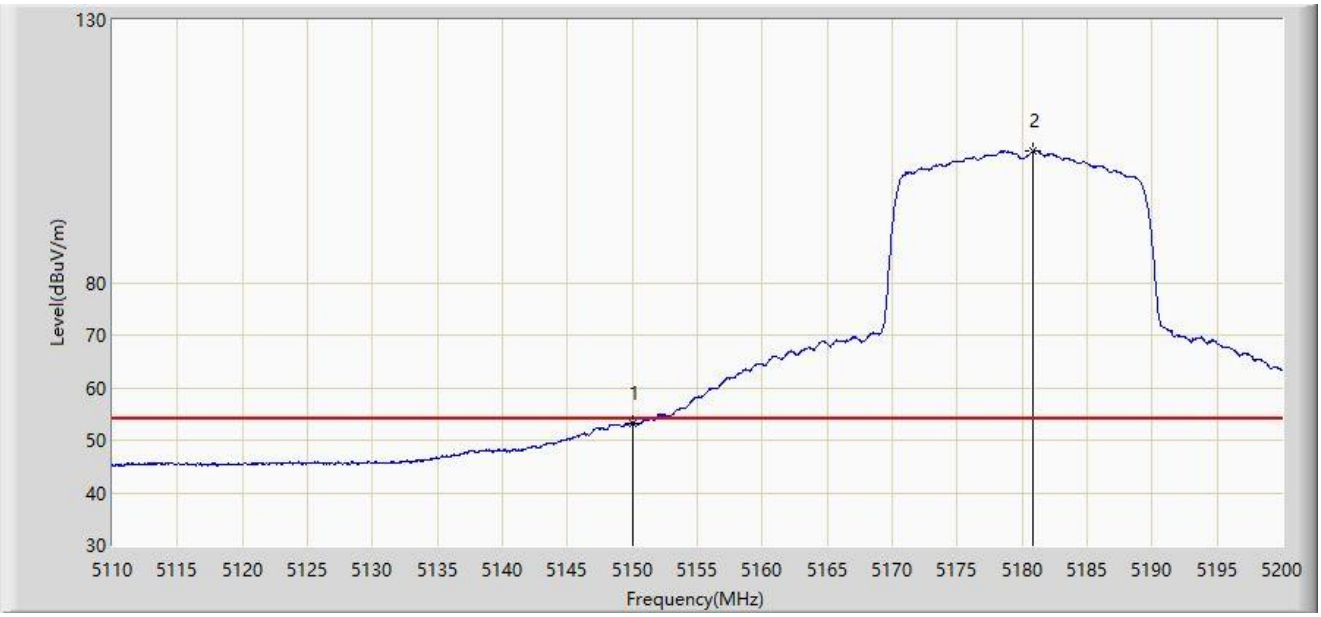
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5145.280	63.881	61.368	-10.119	74.000	2.512	PK
2		5150.000	62.701	60.142	-11.299	74.000	2.559	PK
3		5181.595	114.112	112.198	N/A	N/A	1.914	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5180MHz	



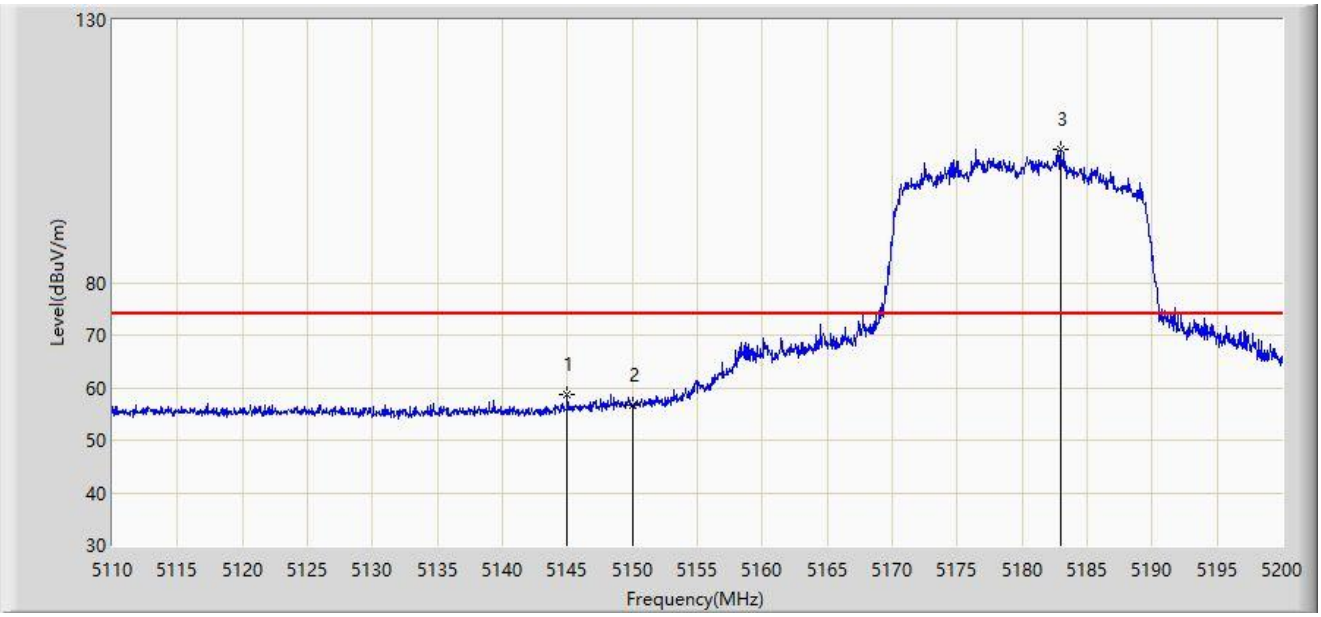
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	53.328	50.769	-0.672	54.000	2.559	AV
2		5180.830	105.184	103.245	N/A	N/A	1.939	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5180MHz	



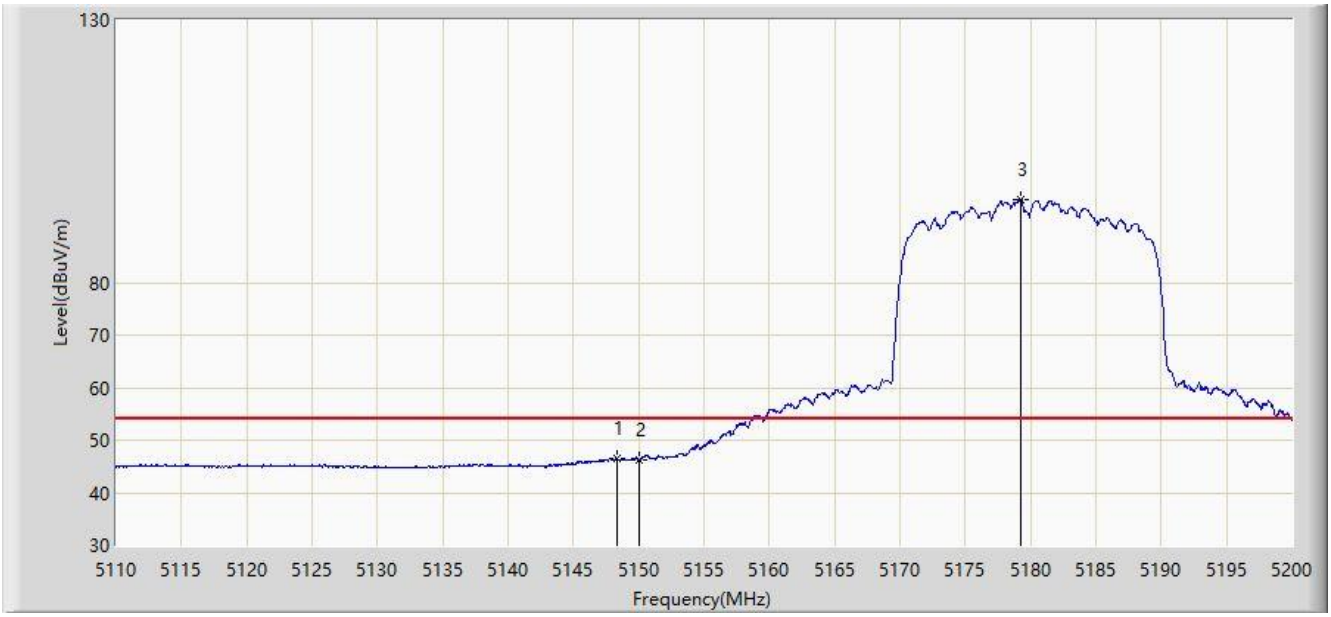
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5144.965	58.559	56.053	-15.441	74.000	2.506	PK
2		5150.000	56.570	54.011	-17.430	74.000	2.559	PK
3		5182.945	105.333	103.439	N/A	N/A	1.895	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5180MHz	



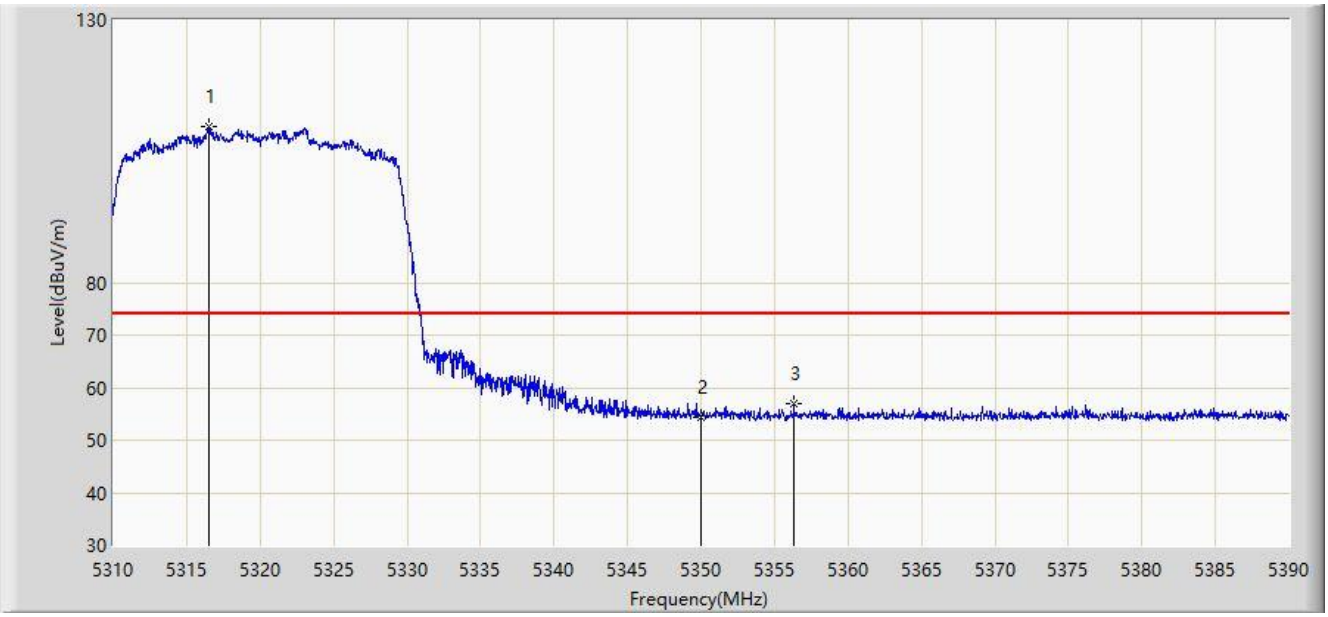
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.295	46.604	44.033	-7.396	54.000	2.571	AV
2		5150.000	46.261	43.702	-7.739	54.000	2.559	AV
3		5179.255	95.757	93.767	N/A	N/A	1.990	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5320MHz	



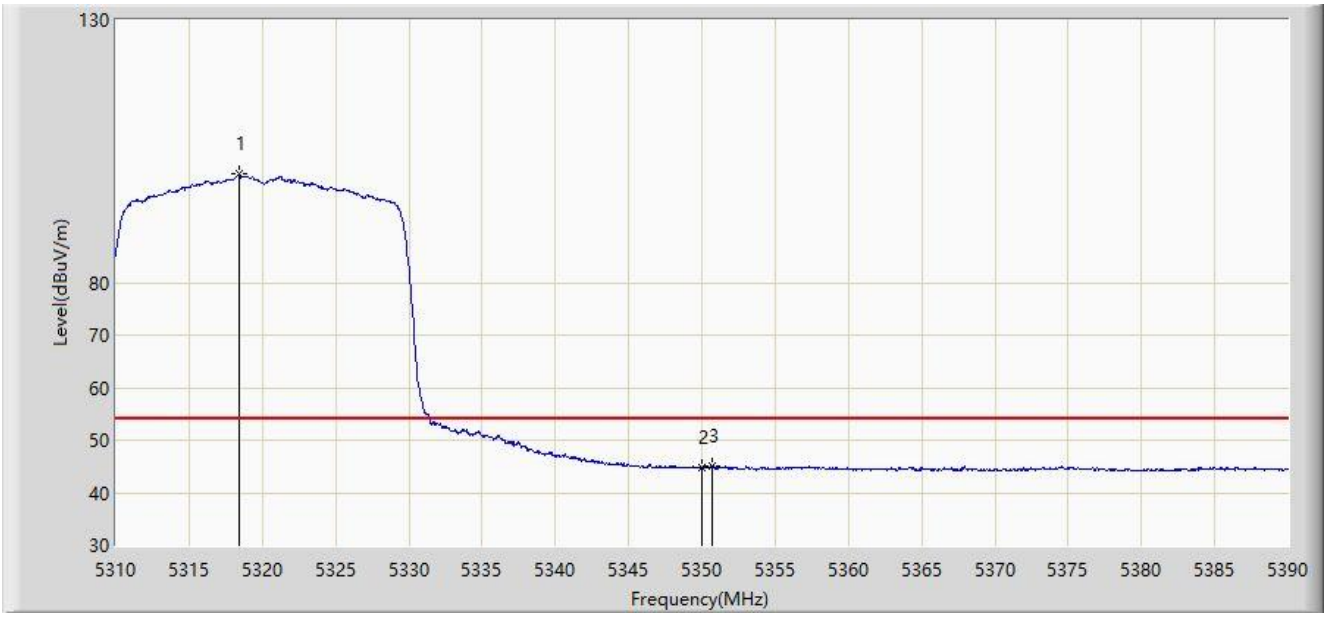
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5316.560	109.732	108.161	N/A	N/A	1.571	PK
2		5350.000	54.429	52.919	-19.571	74.000	1.510	PK
3	*	5356.320	57.023	55.457	-16.977	74.000	1.566	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5320MHz	



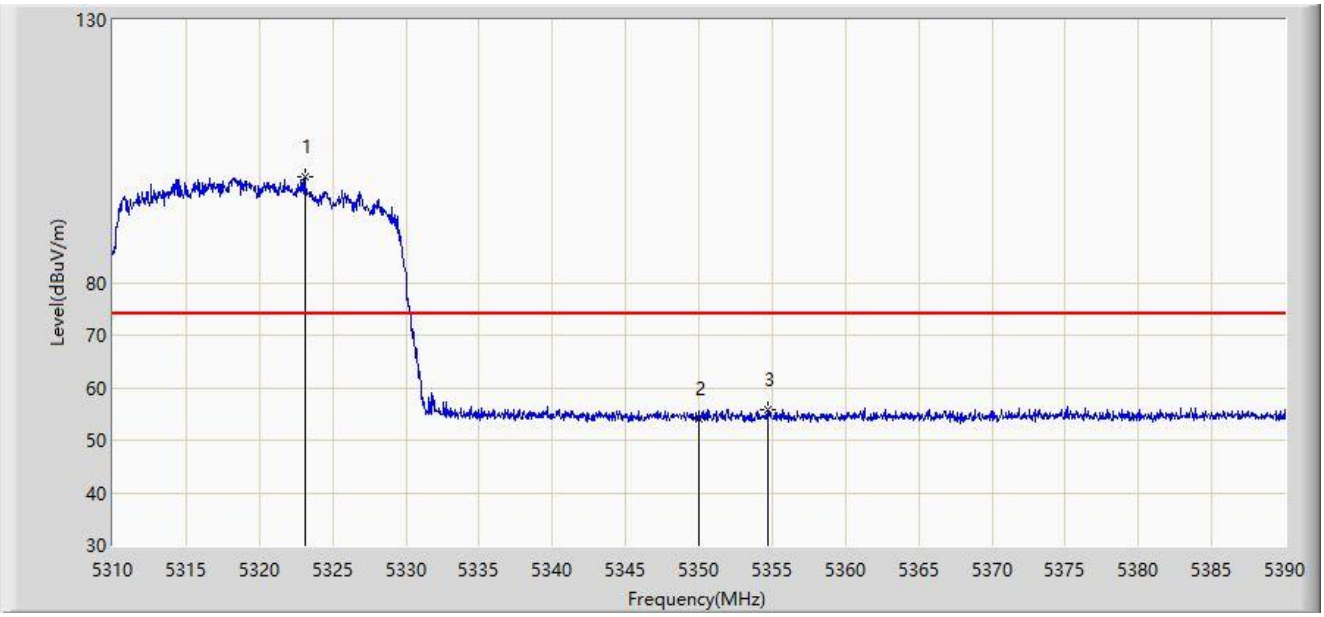
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.400	100.612	99.059	N/A	N/A	1.553	AV
2		5350.000	44.731	43.221	-9.269	54.000	1.510	AV
3	*	5350.720	45.044	43.535	-8.956	54.000	1.509	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5320MHz	



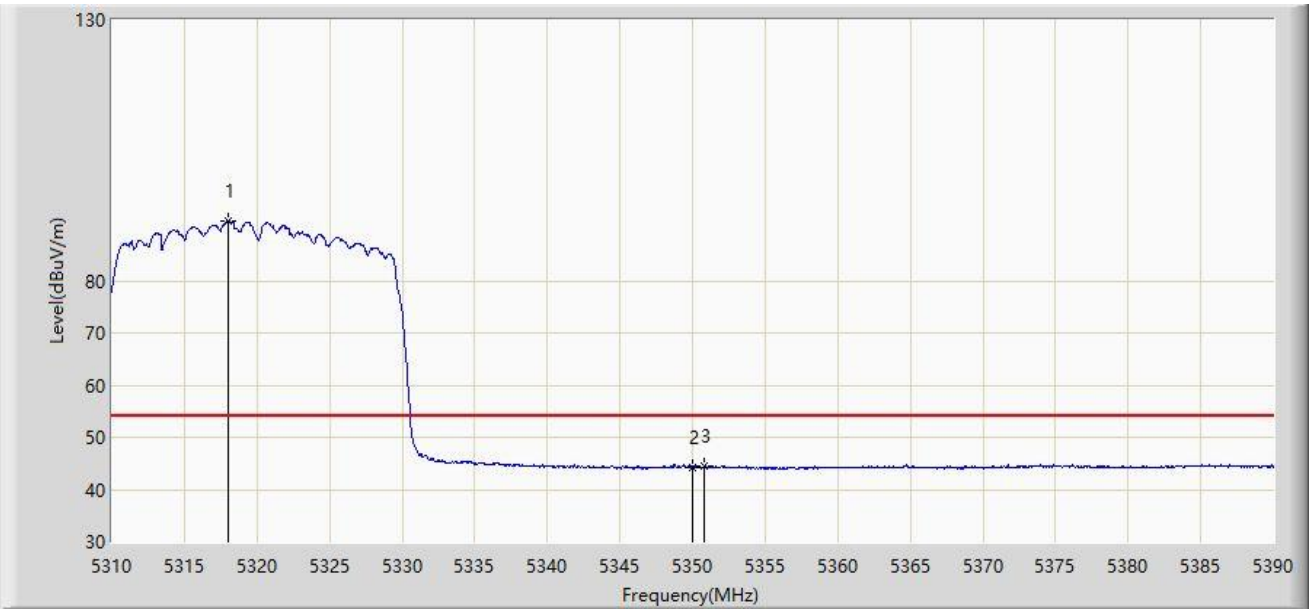
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.120	100.035	98.485	N/A	N/A	1.550	PK
2		5350.000	53.992	52.482	-20.008	74.000	1.510	PK
3	*	5354.680	55.821	54.277	-18.179	74.000	1.544	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5320MHz	



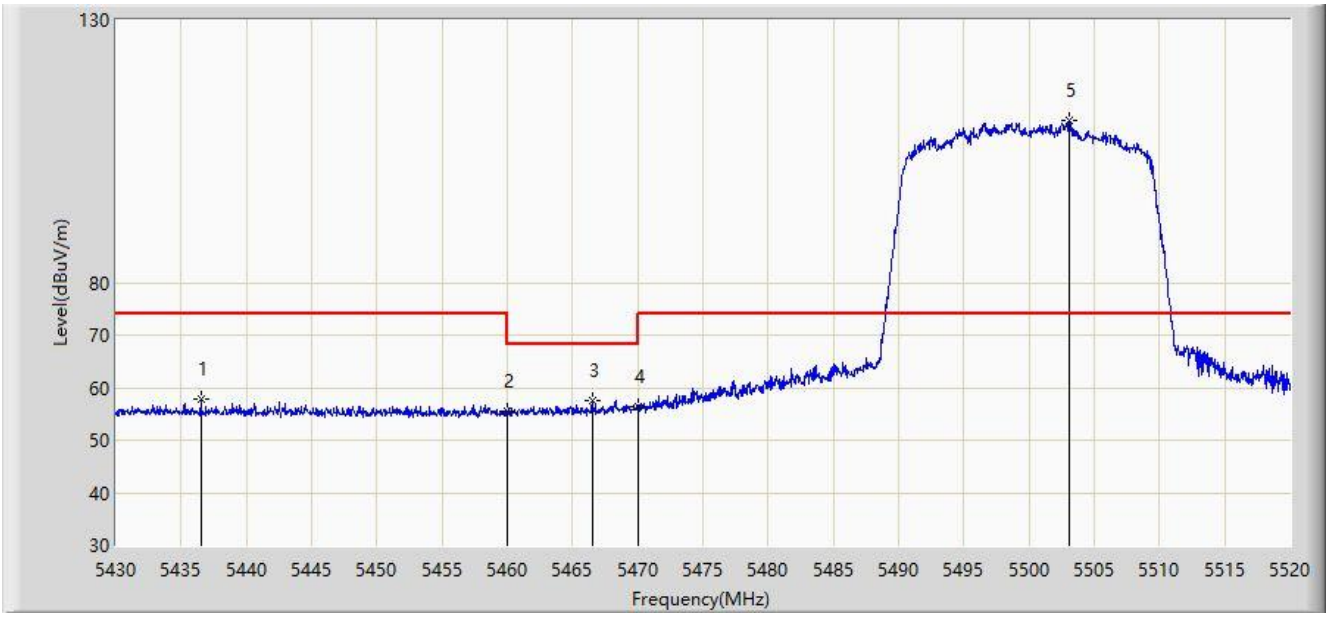
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.040	91.557	90.004	N/A	N/A	1.553	AV
2		5350.000	44.309	42.799	-9.691	54.000	1.510	AV
3	*	5350.800	44.515	43.006	-9.485	54.000	1.508	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5500MHz	



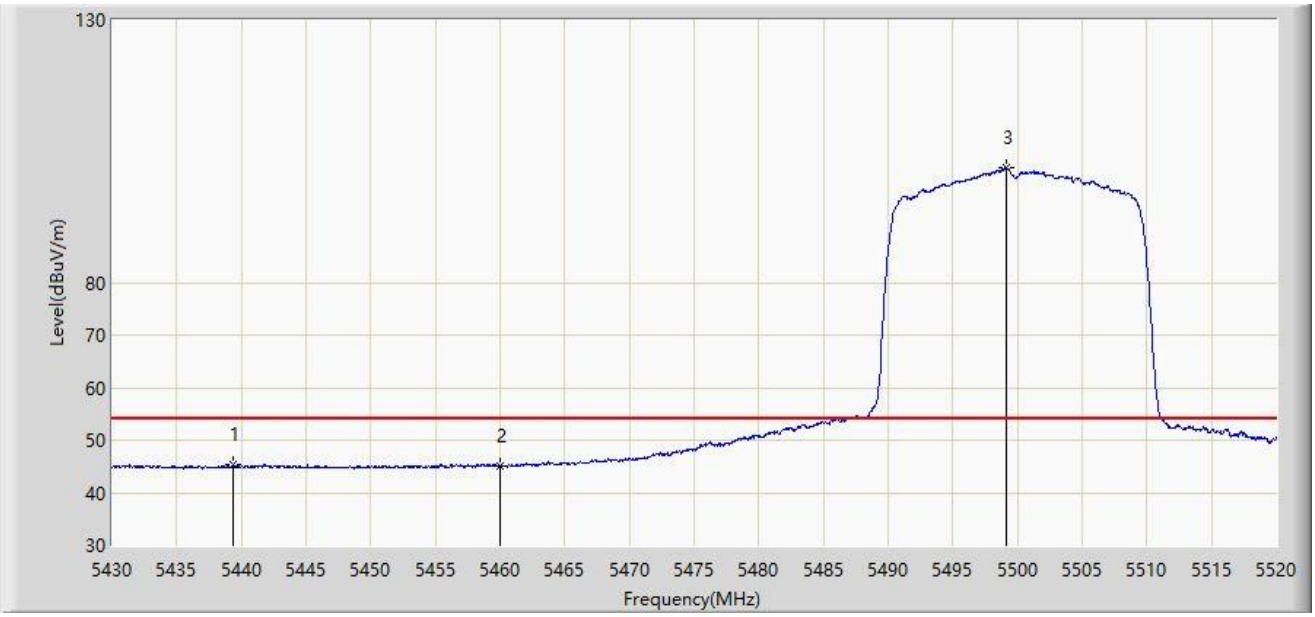
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5436.525	57.819	55.519	-16.181	74.000	2.301	PK
2		5460.000	55.379	53.272	-18.621	74.000	2.108	PK
3	*	5466.495	57.436	55.260	-10.764	68.200	2.175	PK
4		5470.000	56.429	54.217	-11.771	68.200	2.212	PK
5		5503.080	110.790	108.357	N/A	N/A	2.434	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5500MHz	



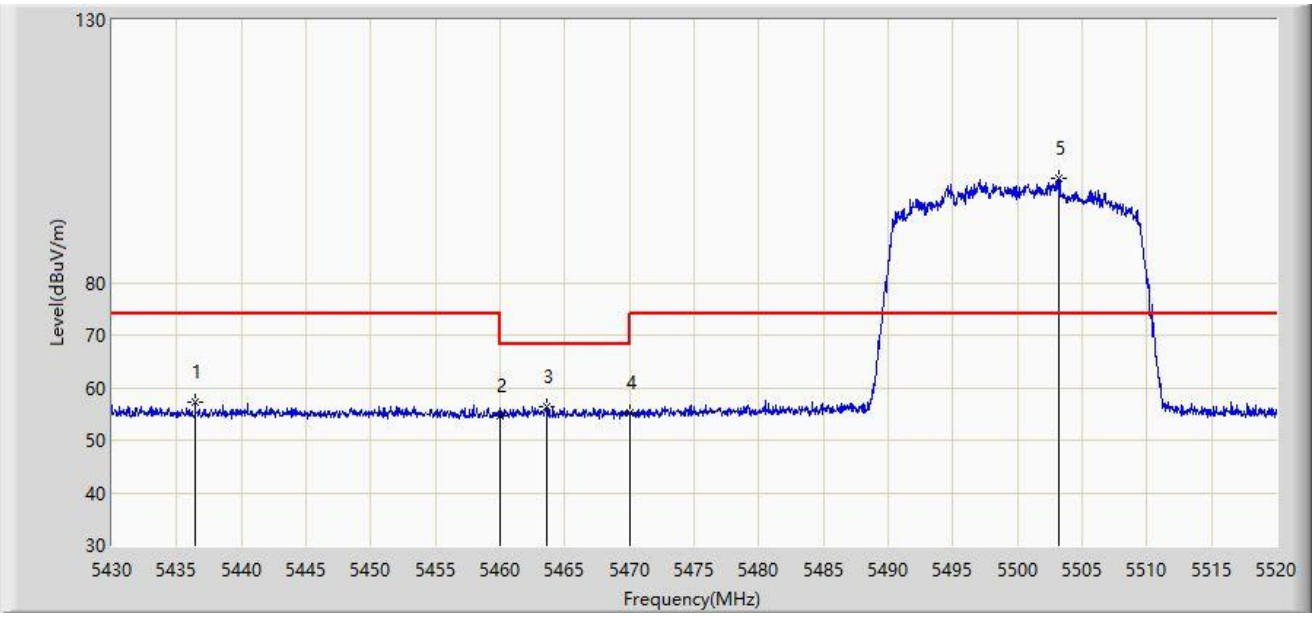
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5439.360	45.407	43.138	-8.593	54.000	2.268	AV
2		5460.000	45.093	42.986	-8.907	54.000	2.108	AV
3		5499.120	101.803	99.326	N/A	N/A	2.477	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5500MHz	



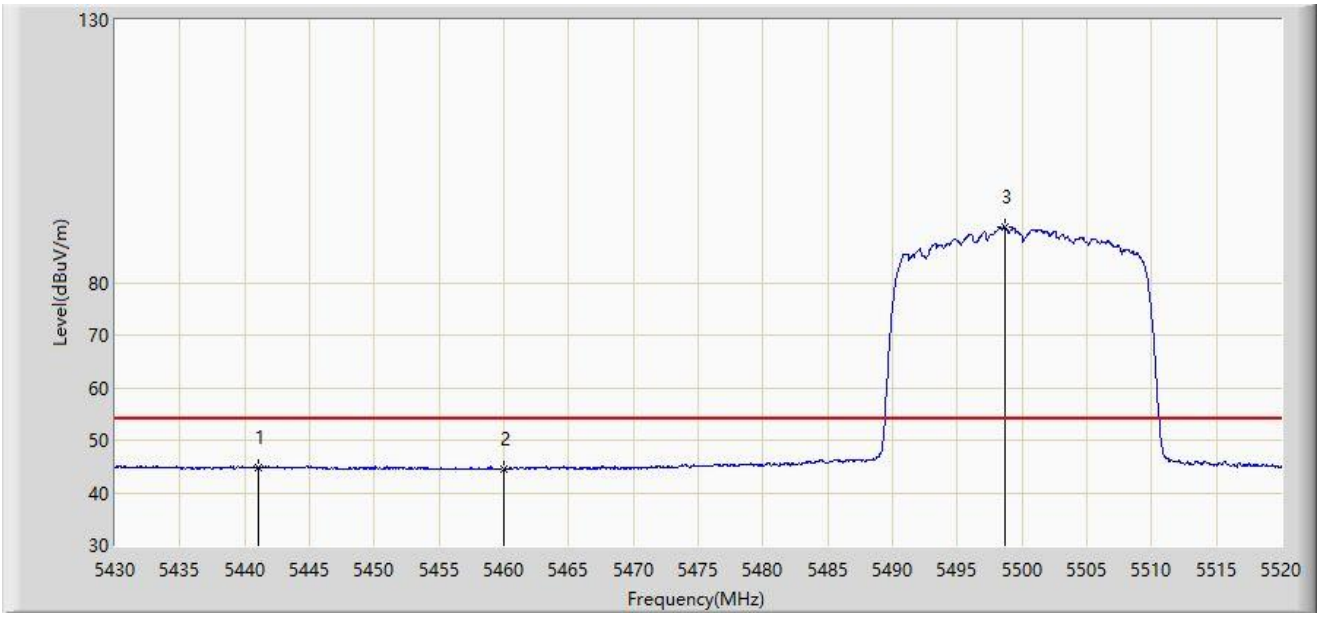
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5436.435	57.270	54.971	-16.730	74.000	2.298	PK
2		5460.000	54.724	52.617	-19.276	74.000	2.108	PK
3	*	5463.570	56.313	54.168	-11.887	68.200	2.144	PK
4		5470.000	55.336	53.124	-12.864	68.200	2.212	PK
5		5503.170	99.964	97.532	N/A	N/A	2.433	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5500MHz	



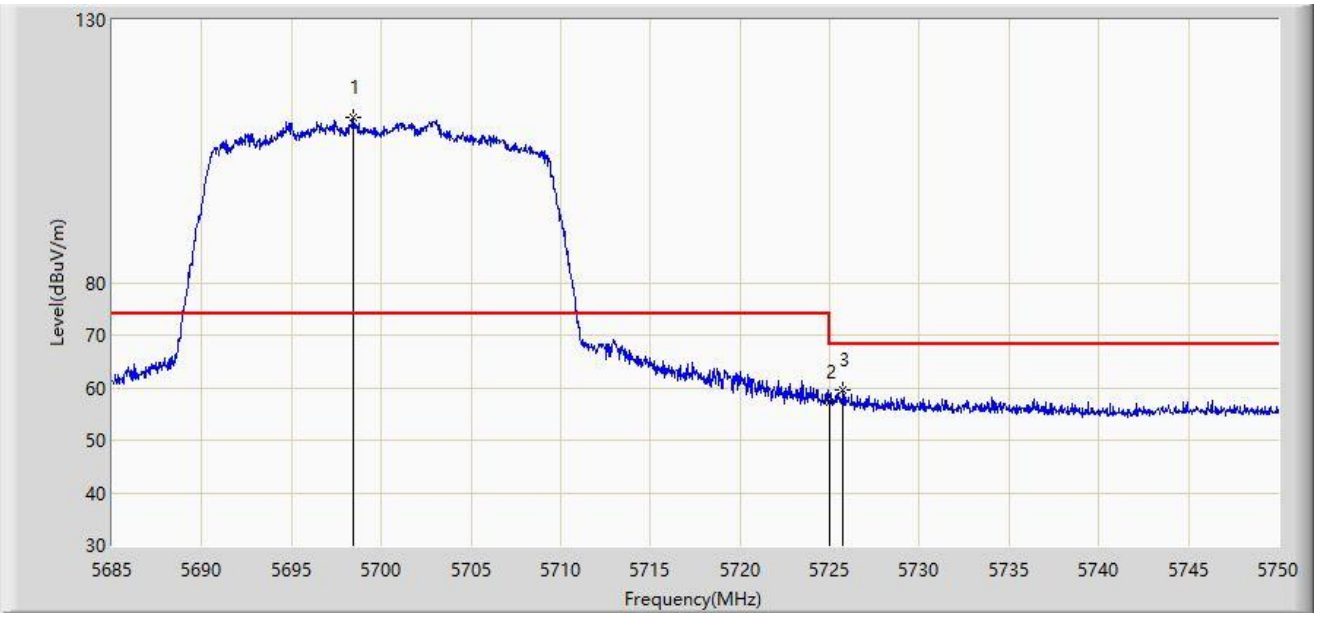
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5441.025	44.785	42.542	-9.215	54.000	2.243	AV
2		5460.000	44.542	42.435	-9.458	54.000	2.108	AV
3		5498.670	90.584	88.102	N/A	N/A	2.482	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5700MHz	



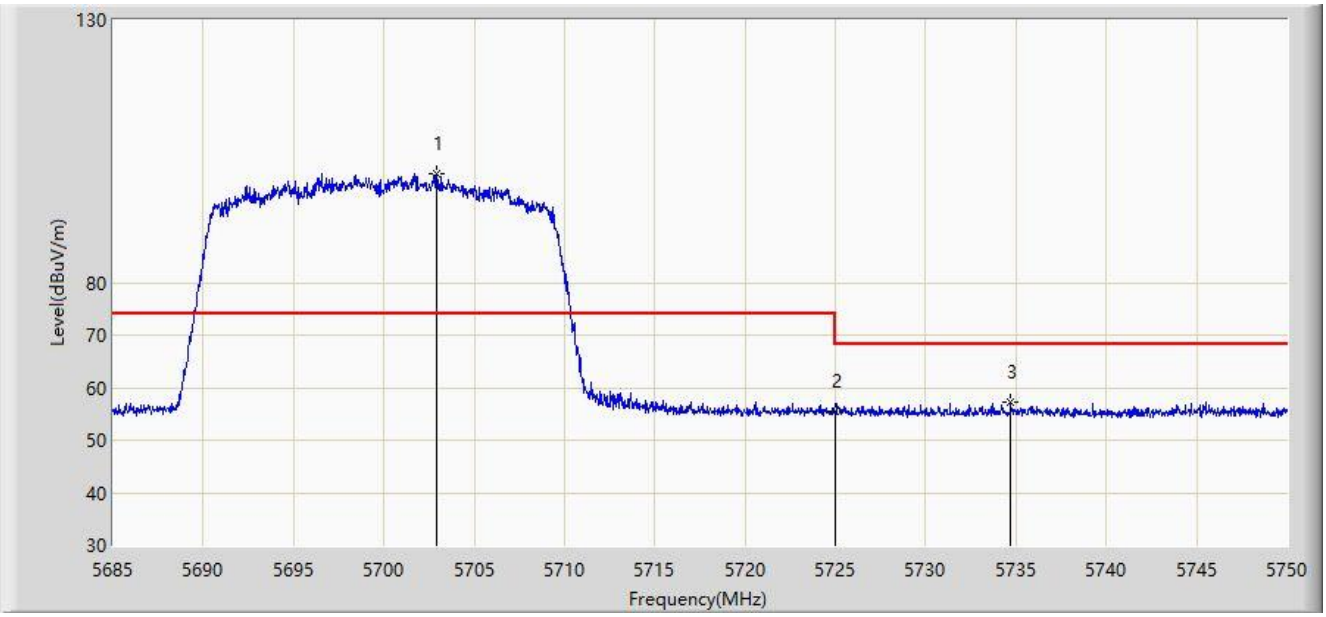
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5698.422	111.319	108.429	N/A	N/A	2.890	PK
2		5725.000	57.118	54.274	-11.082	68.200	2.844	PK
3	*	5725.723	59.508	56.659	-8.692	68.200	2.848	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5700MHz	



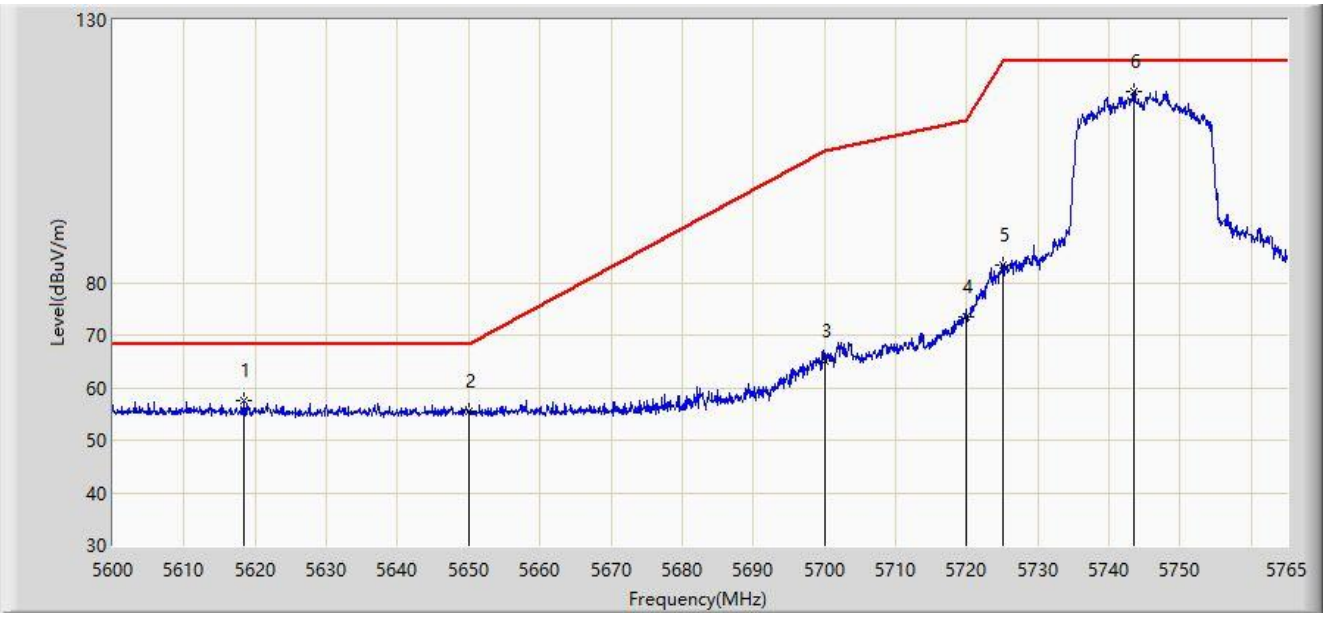
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5702.940	100.862	98.038	N/A	N/A	2.825	PK
2		5725.000	55.416	52.572	-12.784	68.200	2.844	PK
3	*	5734.692	57.315	54.374	-10.885	68.200	2.941	PK

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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5745MHz	



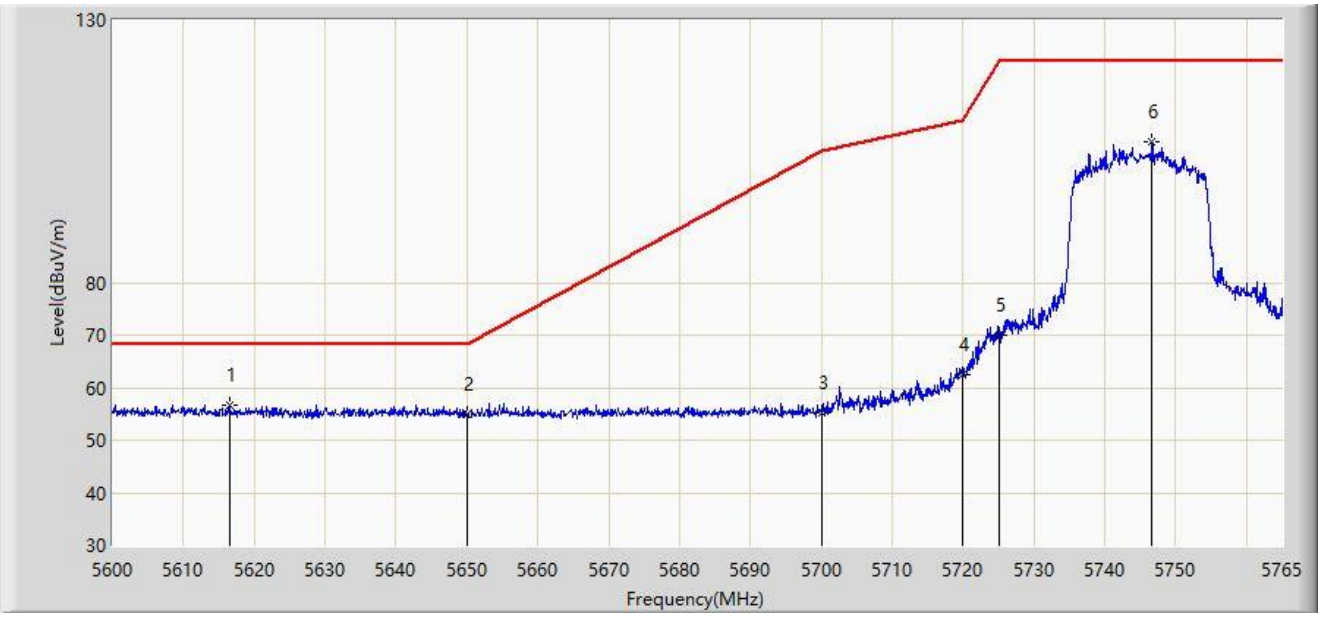
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5618.315	57.629	55.230	-10.571	68.200	2.399	PK
2		5650.000	55.430	52.879	-12.770	68.200	2.552	PK
3		5700.000	65.039	62.172	-40.161	105.200	2.867	PK
4		5720.000	73.542	70.732	-37.258	110.800	2.810	PK
5		5725.000	83.235	80.391	-38.965	122.200	2.844	PK
6		5743.467	116.389	113.357	N/A	N/A	3.032	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5745MHz	



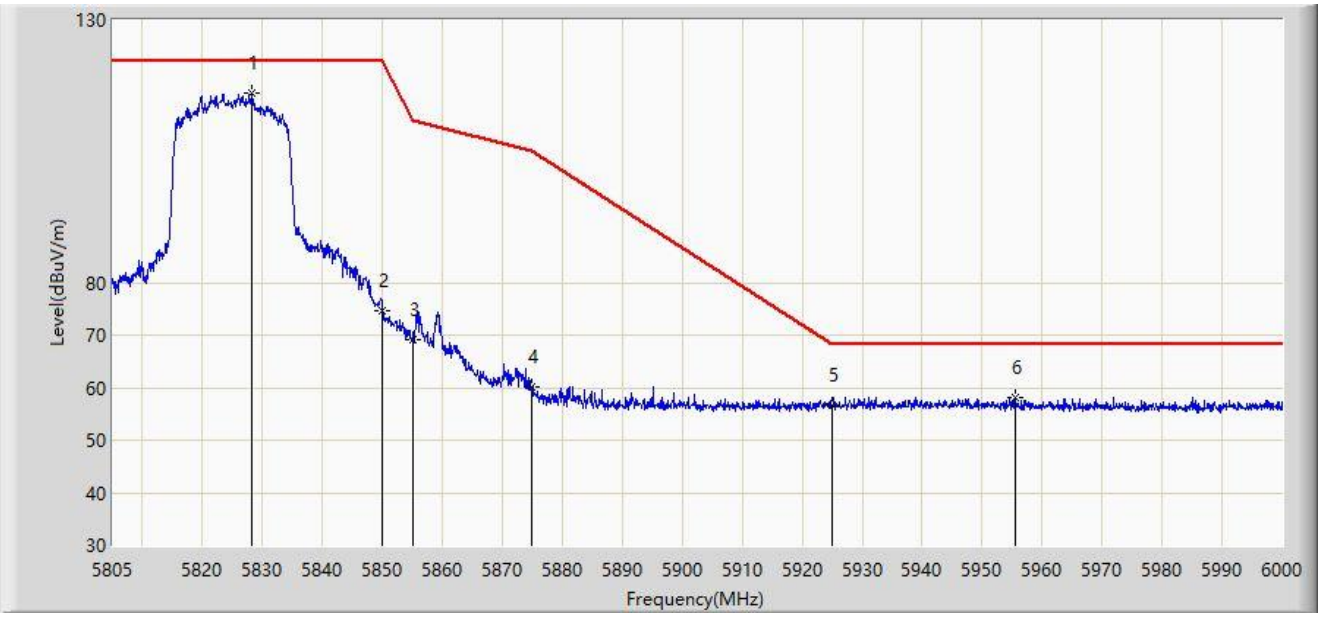
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5616.583	56.644	54.241	-11.556	68.200	2.404	PK
2		5650.000	54.970	52.419	-13.230	68.200	2.552	PK
3		5700.000	55.141	52.274	-50.059	105.200	2.867	PK
4		5720.000	62.455	59.645	-48.345	110.800	2.810	PK
5		5725.000	70.024	67.180	-52.176	122.200	2.844	PK
6		5746.685	106.706	103.647	N/A	N/A	3.059	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5825MHz	



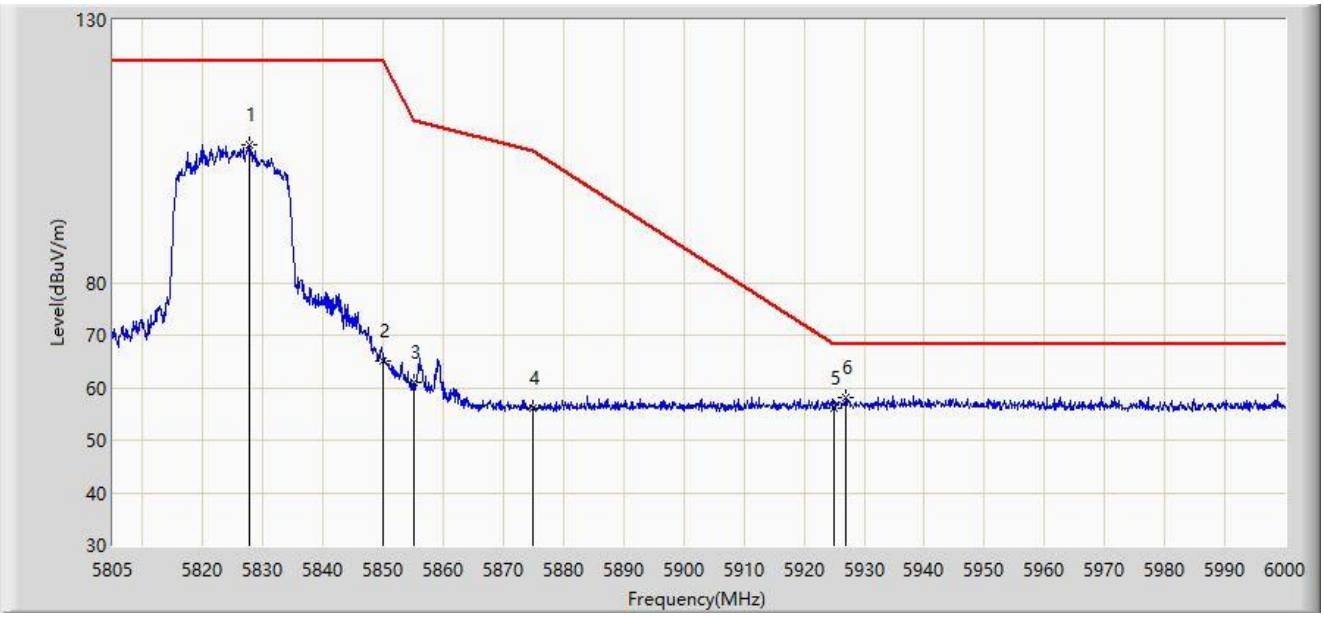
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5828.107	116.226	112.769	N/A	N/A	3.457	PK
2		5850.000	74.523	71.191	-47.677	122.200	3.333	PK
3		5855.000	69.105	65.765	-41.695	110.800	3.340	PK
4		5875.000	60.035	56.641	-45.165	105.200	3.393	PK
5		5925.000	56.729	52.964	-11.471	68.200	3.766	PK
6	*	5955.638	58.022	54.131	-10.178	68.200	3.891	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE20 at 5825MHz	



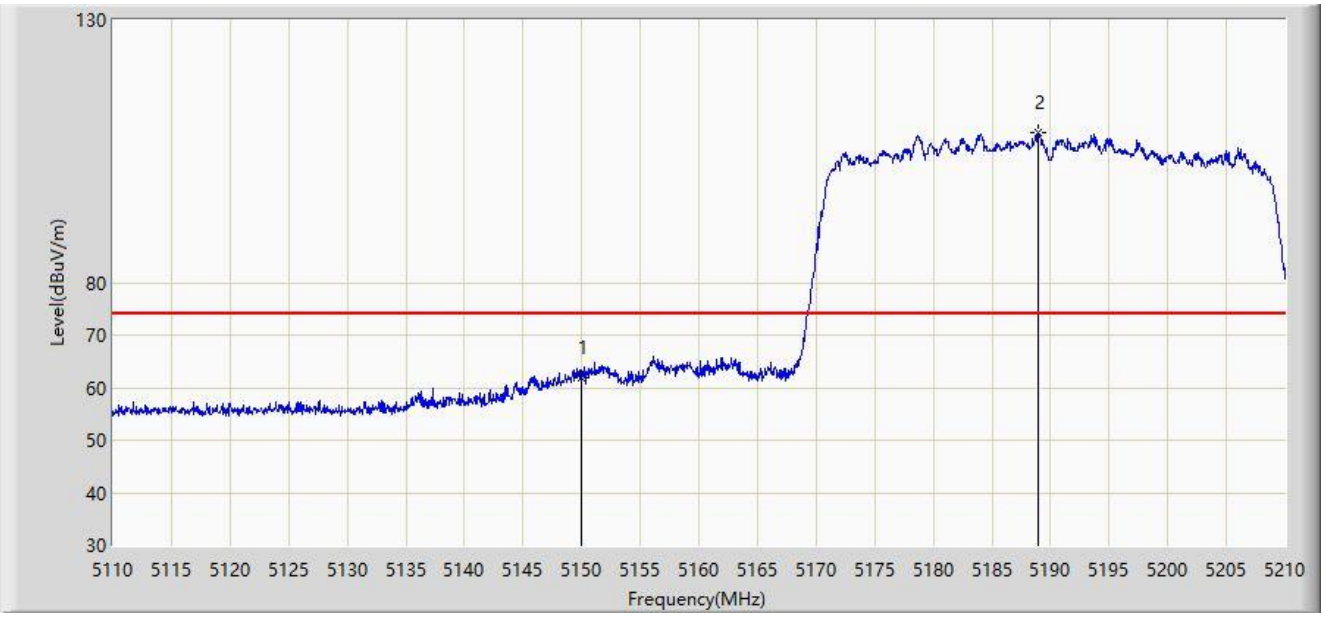
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5827.717	106.356	102.903	N/A	N/A	3.453	PK
2		5850.000	65.181	61.849	-57.019	122.200	3.333	PK
3		5855.000	60.929	57.589	-49.871	110.800	3.340	PK
4		5875.000	56.226	52.832	-48.974	105.200	3.393	PK
5		5925.000	56.170	52.405	-12.030	68.200	3.766	PK
6	*	5926.973	58.160	54.355	-10.040	68.200	3.806	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5190MHz	



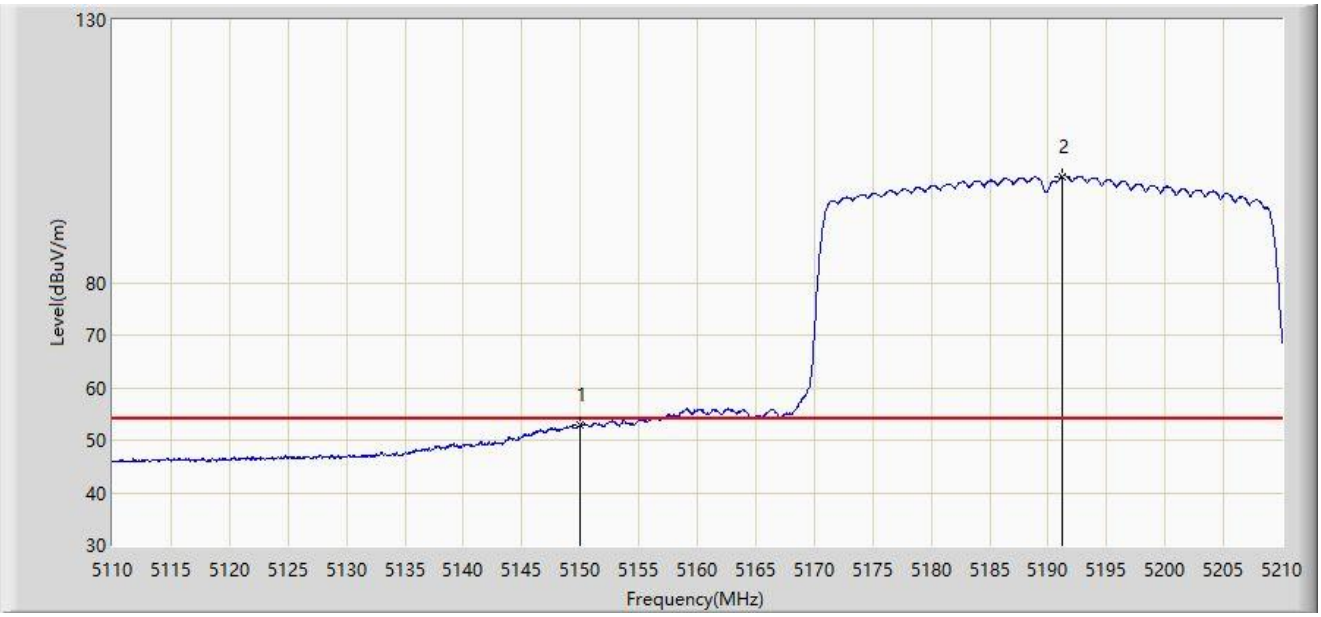
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	62.004	59.445	-11.996	74.000	2.559	PK
2		5188.900	108.556	106.704	N/A	N/A	1.853	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5190MHz	



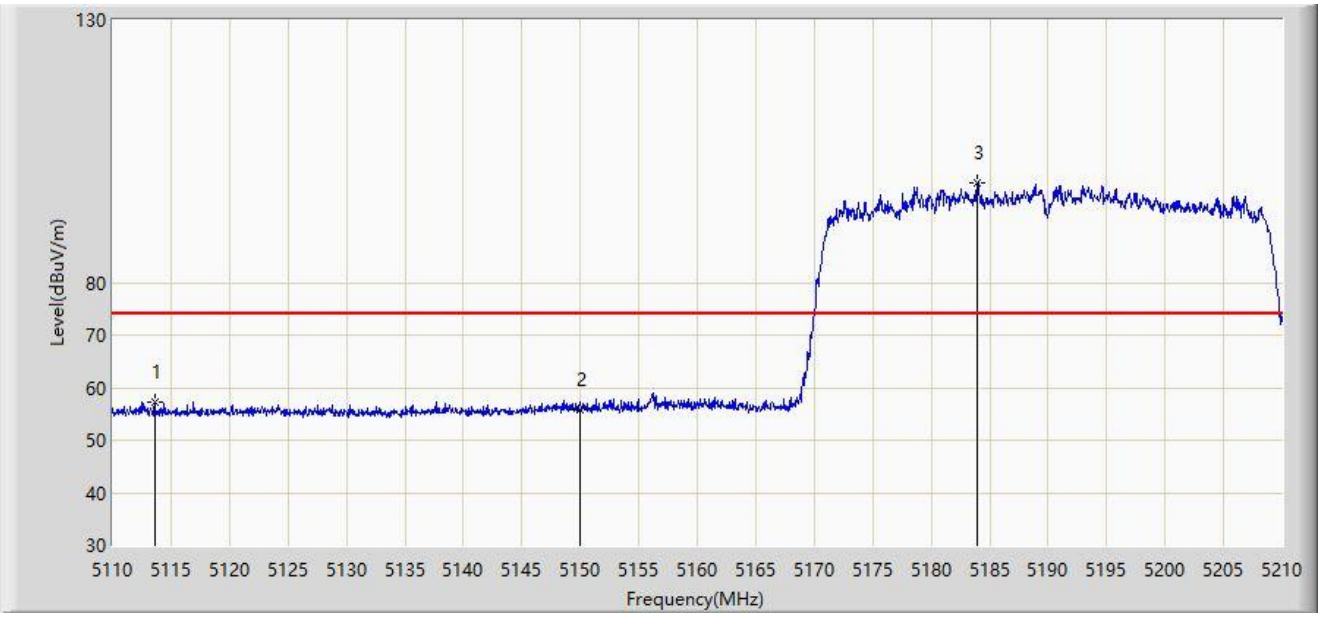
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	52.874	50.315	-1.126	54.000	2.559	AV
2		5191.200	100.190	98.354	N/A	N/A	1.836	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5190MHz	



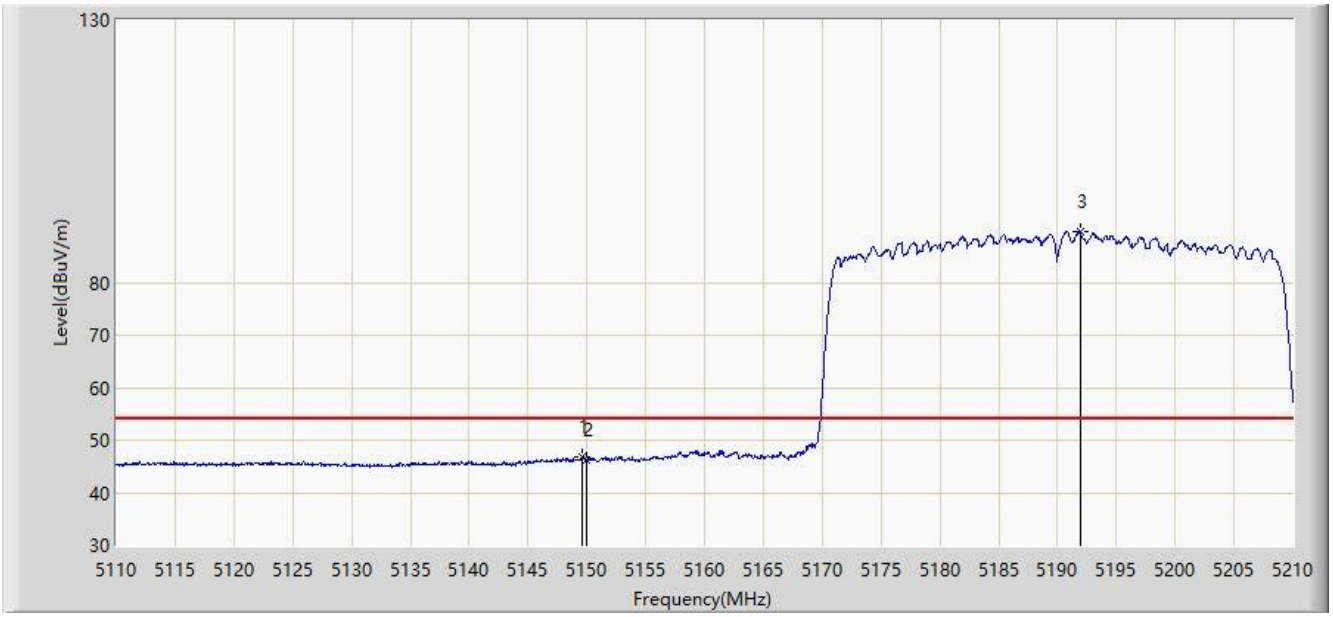
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5113.600	57.341	55.098	-16.659	74.000	2.242	PK
2		5150.000	55.863	53.304	-18.137	74.000	2.559	PK
3		5183.900	99.103	97.215	N/A	N/A	1.888	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5190MHz	



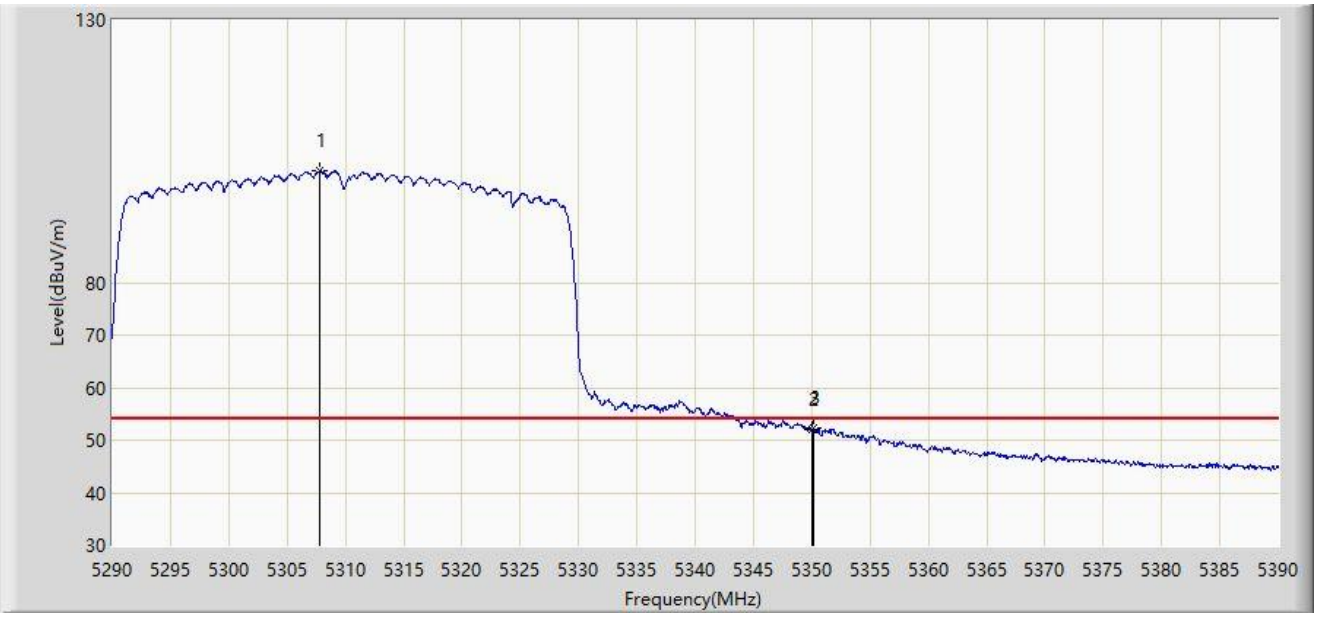
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.650	46.674	44.112	-7.326	54.000	2.561	AV
2		5150.000	46.310	43.751	-7.690	54.000	2.559	AV
3		5191.950	89.663	87.832	N/A	N/A	1.831	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5310MHz	



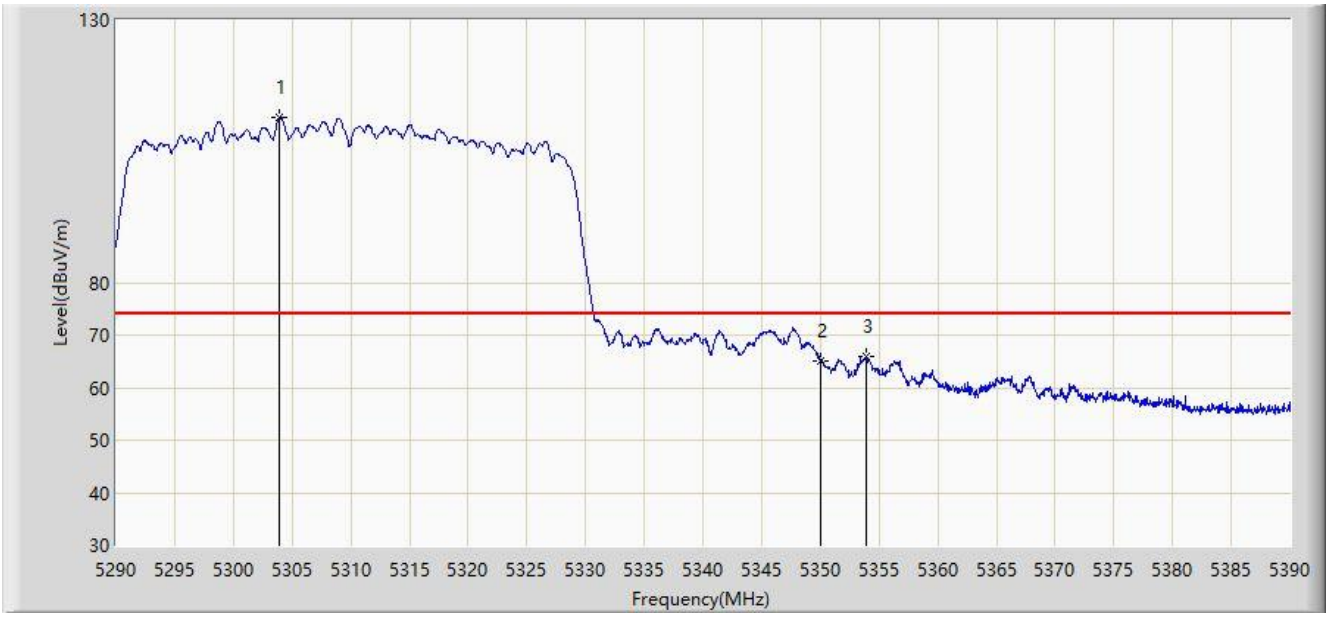
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.850	101.245	99.565	N/A	N/A	1.681	AV
2		5350.000	52.081	50.571	-1.919	54.000	1.510	AV
3	*	5350.150	52.181	50.671	-1.819	54.000	1.510	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5310MHz	



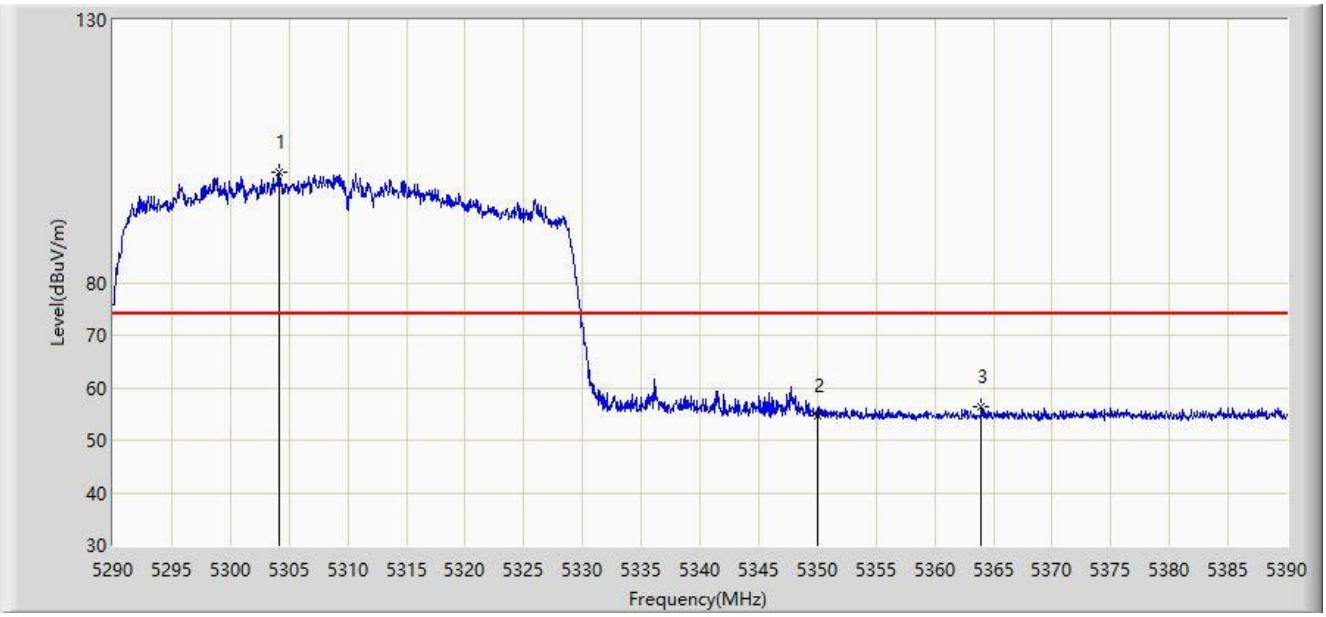
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5303.900	111.466	109.736	N/A	N/A	1.730	PK
2		5350.000	65.043	63.533	-8.957	74.000	1.510	PK
3	*	5353.850	65.917	64.385	-8.083	74.000	1.532	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5310MHz	



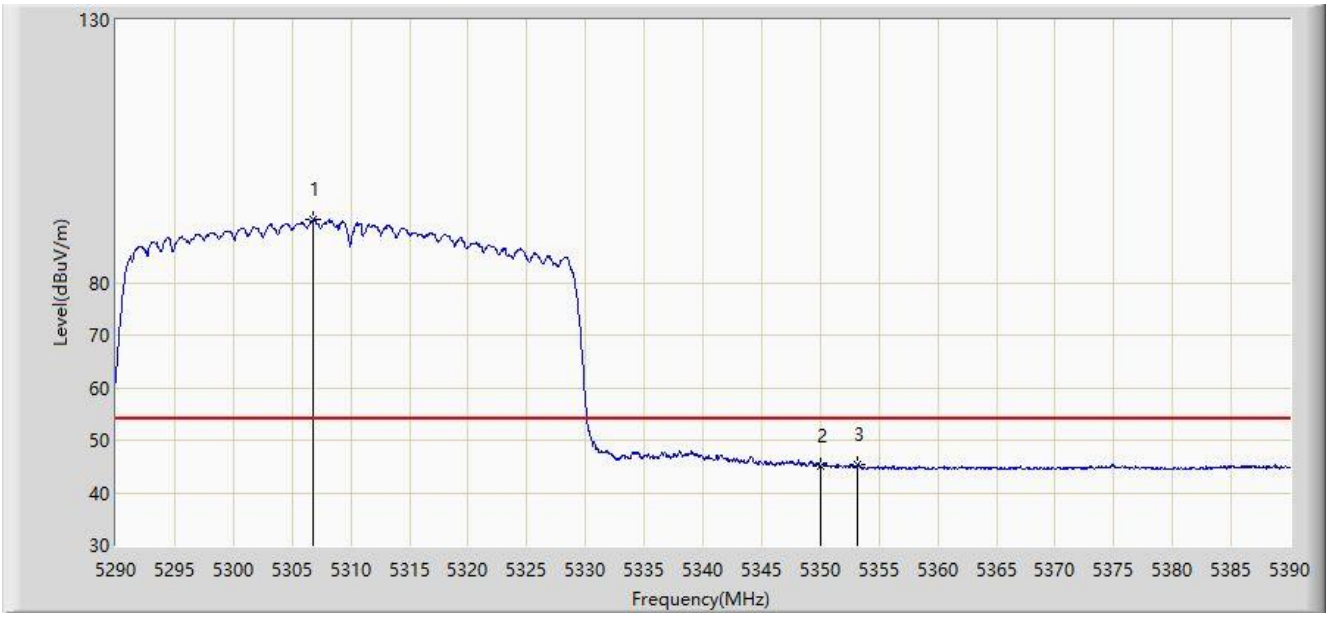
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5304.150	101.080	99.353	N/A	N/A	1.726	PK
2		5350.000	54.530	53.020	-19.470	74.000	1.510	PK
3	*	5363.950	56.348	54.675	-17.652	74.000	1.673	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5310MHz	



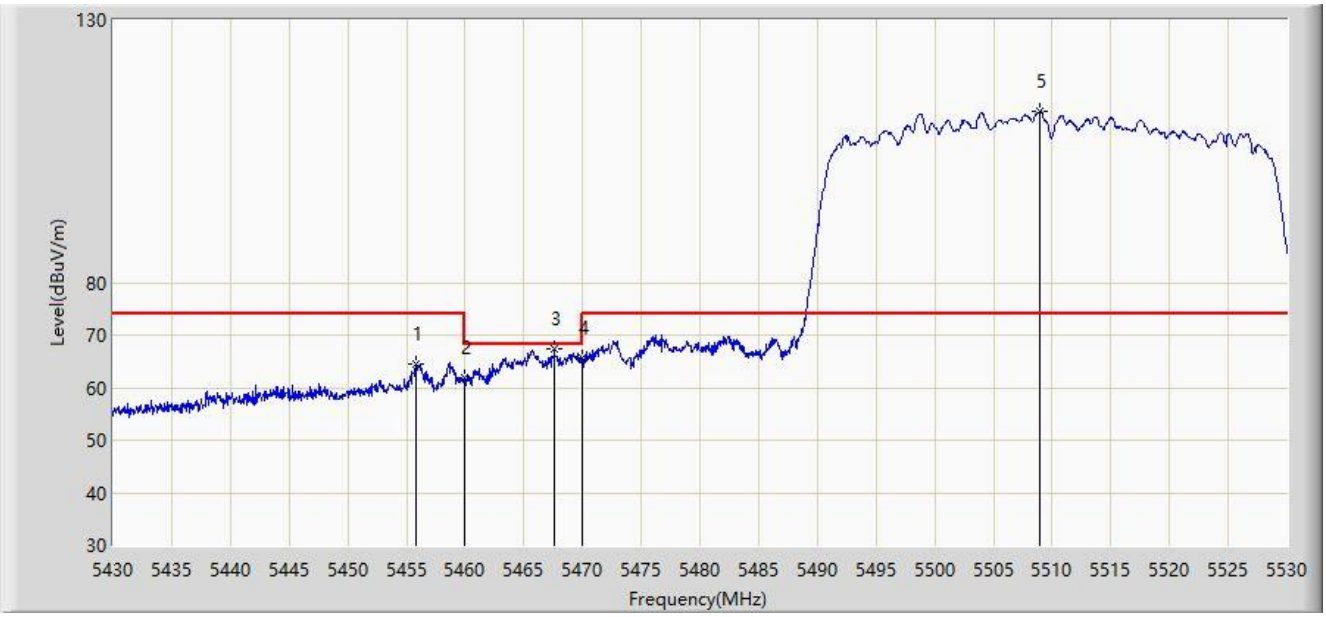
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5306.850	92.085	90.392	N/A	N/A	1.692	AV
2		5350.000	45.076	43.566	-8.924	54.000	1.510	AV
3	*	5353.200	45.395	43.872	-8.605	54.000	1.522	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5510MHz	



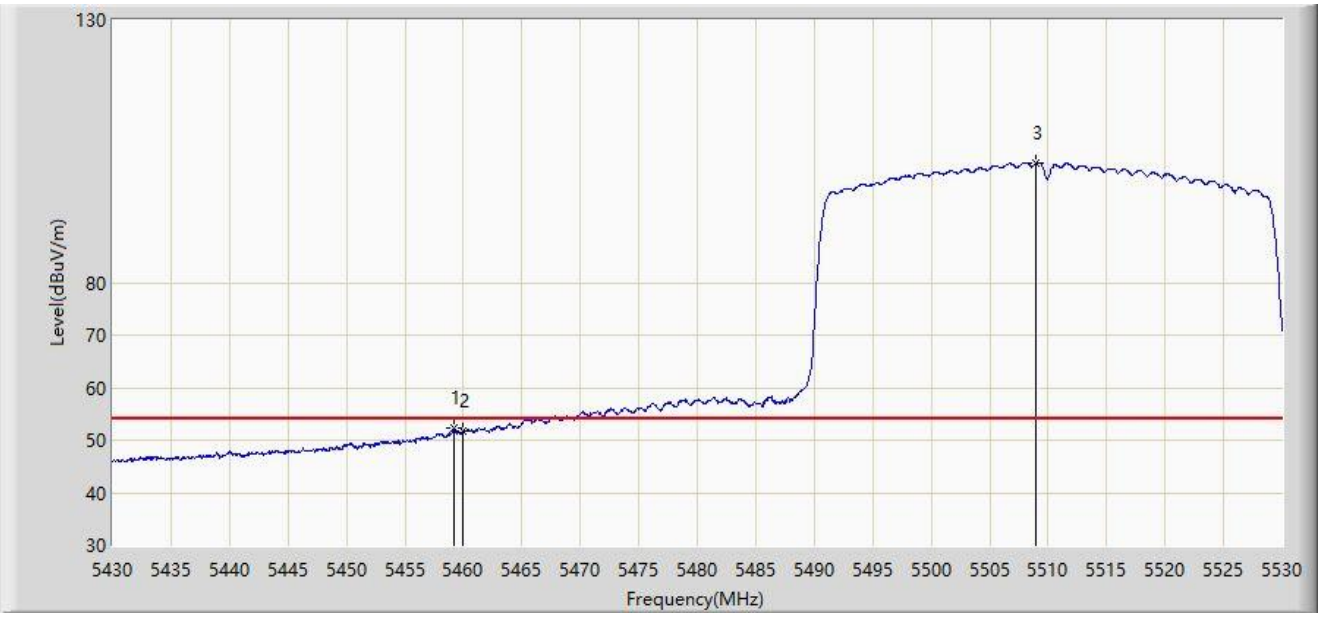
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5455.800	64.403	62.340	-9.597	74.000	2.063	PK
2		5460.000	61.781	59.674	-12.219	74.000	2.108	PK
3	*	5467.600	67.507	65.320	-0.693	68.200	2.188	PK
4		5470.000	65.726	63.514	-2.474	68.200	2.212	PK
5		5508.950	112.607	110.324	N/A	N/A	2.284	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5510MHz	



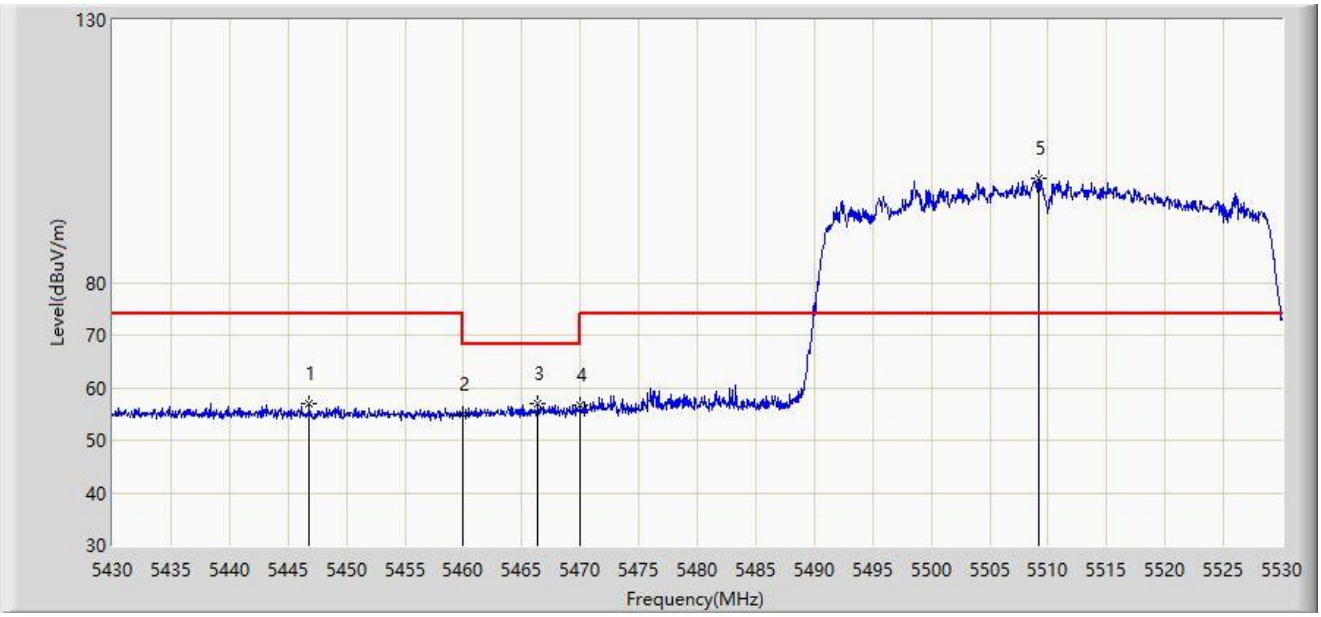
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.150	52.179	50.081	-1.821	54.000	2.098	AV
2		5460.000	51.667	49.560	-2.333	54.000	2.108	AV
3		5509.000	102.828	100.547	N/A	N/A	2.281	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5510MHz	



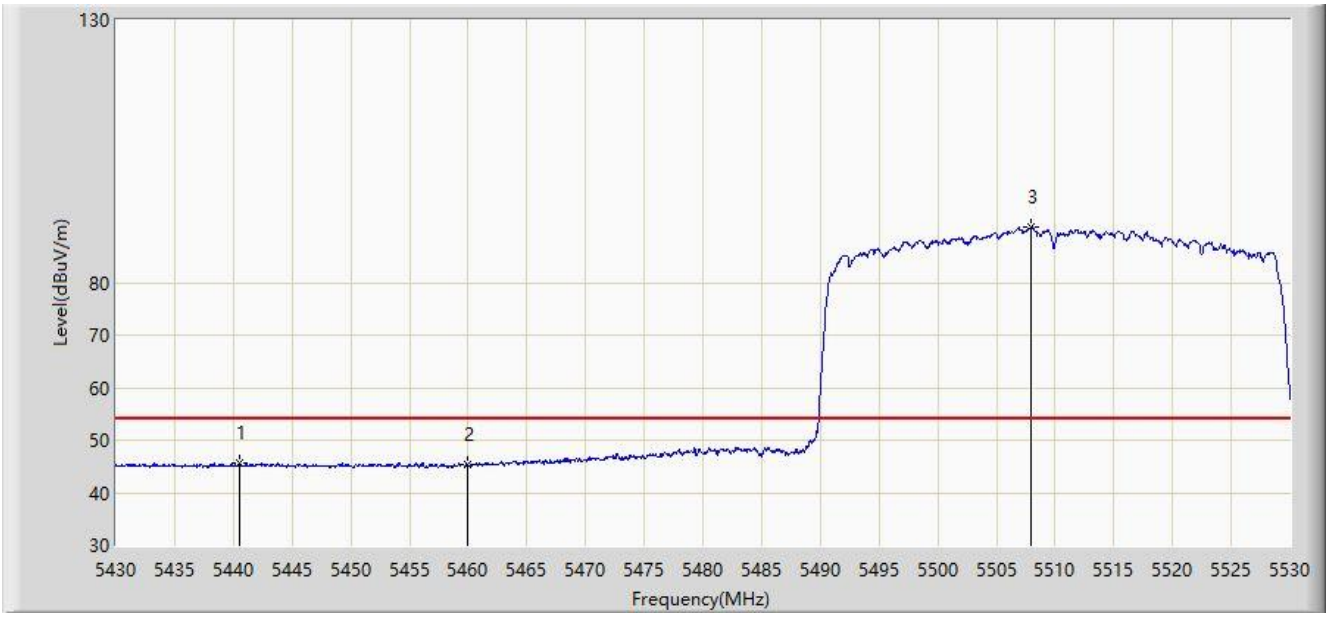
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5446.850	57.082	54.928	-16.918	74.000	2.154	PK
2		5460.000	54.847	52.740	-19.153	74.000	2.108	PK
3	*	5466.400	56.949	54.774	-11.251	68.200	2.175	PK
4		5470.000	56.591	54.379	-11.609	68.200	2.212	PK
5		5509.150	99.867	97.590	N/A	N/A	2.277	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5510MHz	



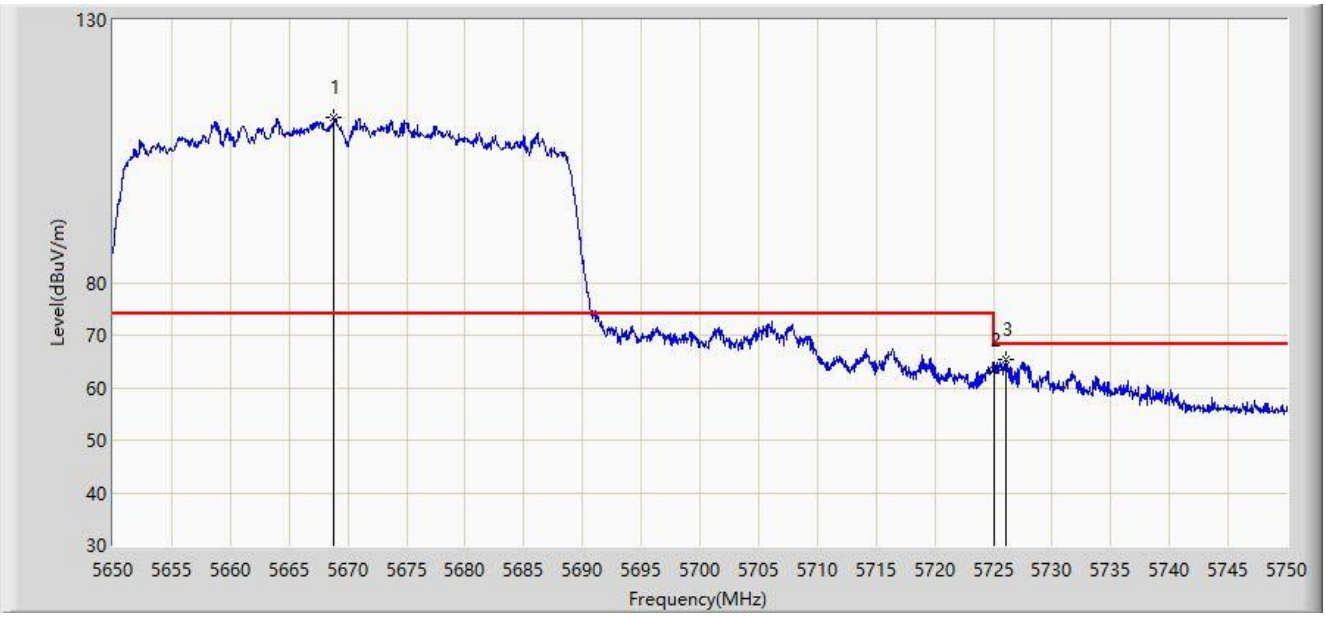
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5440.500	45.708	43.457	-8.292	54.000	2.251	AV
2		5460.000	45.285	43.178	-8.715	54.000	2.108	AV
3		5508.000	90.559	88.245	N/A	N/A	2.314	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5670MHz	



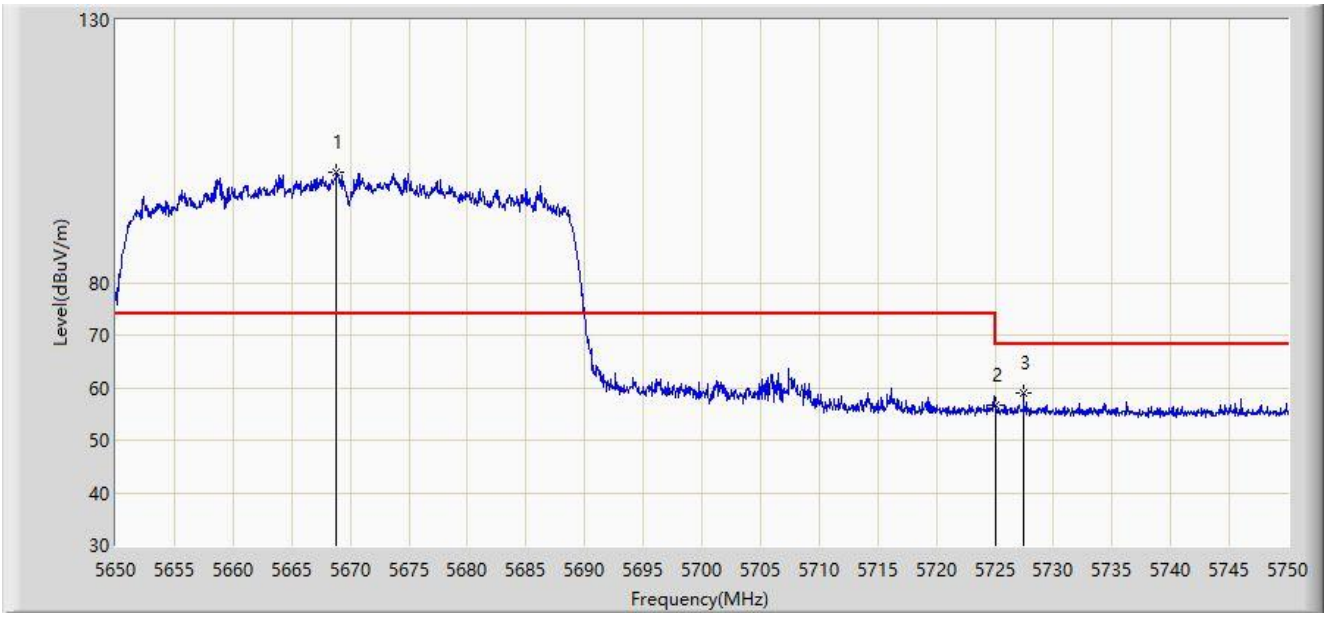
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5668.850	111.391	108.841	N/A	N/A	2.550	PK
2		5725.000	63.308	60.464	-4.892	68.200	2.844	PK
3	*	5726.050	65.329	62.477	-2.871	68.200	2.851	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5670MHz	



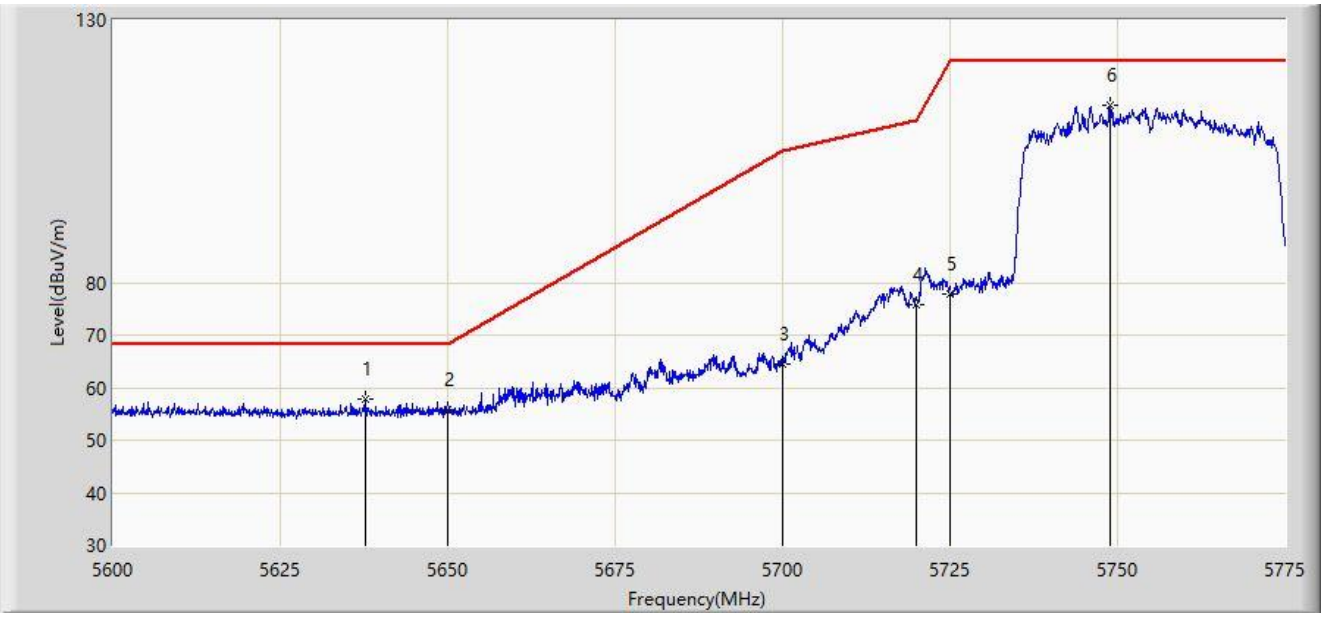
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5668.800	101.046	98.496	N/A	N/A	2.551	PK
2		5725.000	56.667	53.823	-11.533	68.200	2.844	PK
3	*	5727.450	58.863	55.997	-9.337	68.200	2.867	PK

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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5755MHz	



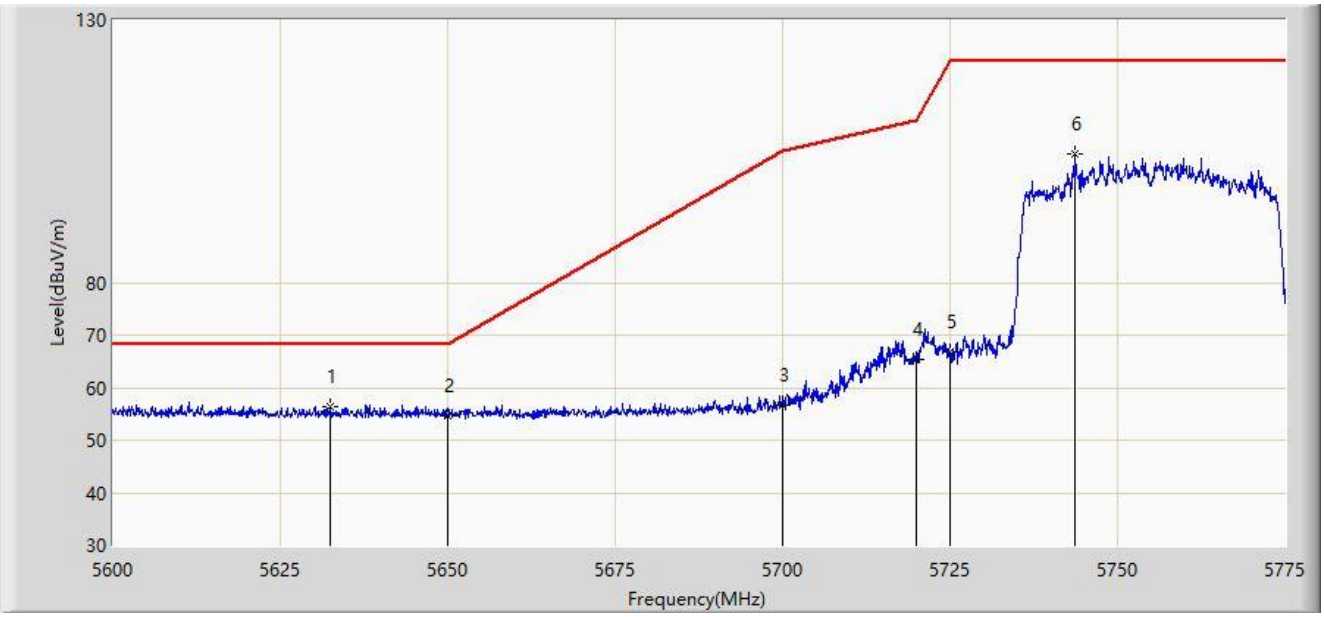
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5637.625	57.721	55.221	-10.479	68.200	2.500	PK
2		5650.000	55.752	53.201	-12.448	68.200	2.552	PK
3		5700.000	64.489	61.622	-40.711	105.200	2.867	PK
4		5720.000	75.787	72.977	-35.013	110.800	2.810	PK
5		5725.000	77.918	75.074	-44.282	122.200	2.844	PK
6		5748.925	113.736	110.658	N/A	N/A	3.078	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5755MHz	



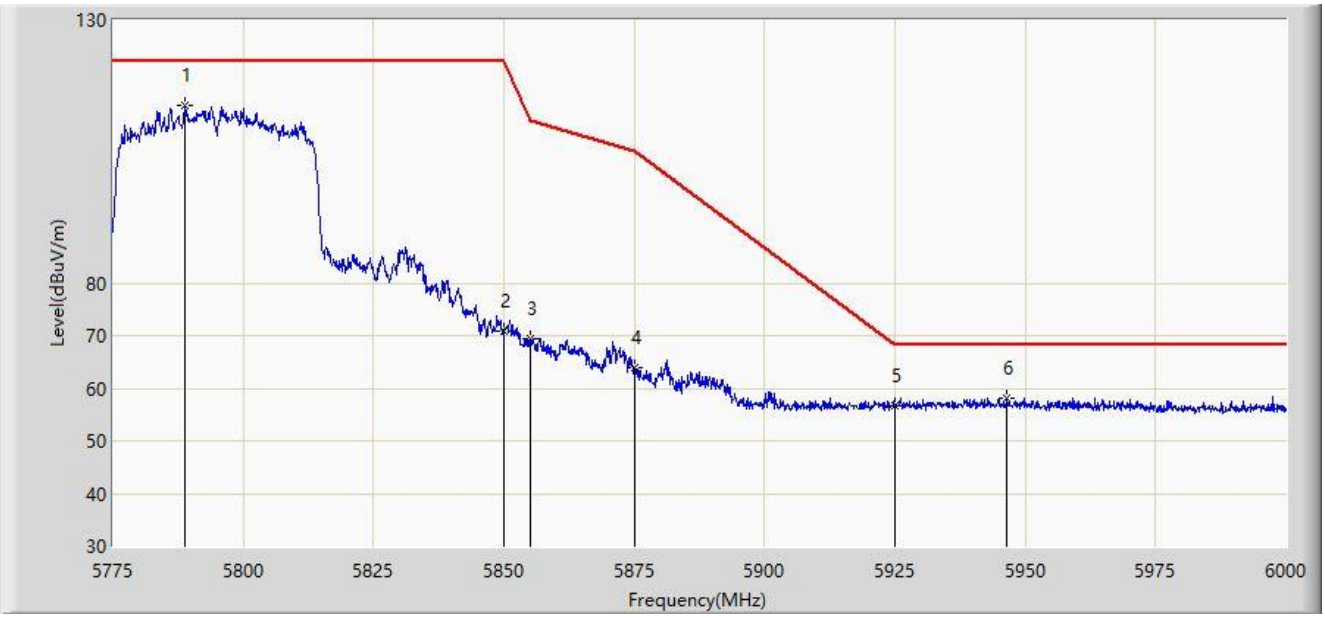
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5632.550	56.482	54.025	-11.718	68.200	2.458	PK
2		5650.000	54.753	52.202	-13.447	68.200	2.552	PK
3		5700.000	56.708	53.841	-48.492	105.200	2.867	PK
4		5720.000	65.437	62.627	-45.363	110.800	2.810	PK
5		5725.000	66.835	63.991	-55.365	122.200	2.844	PK
6		5743.675	104.351	101.317	N/A	N/A	3.033	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5795MHz	



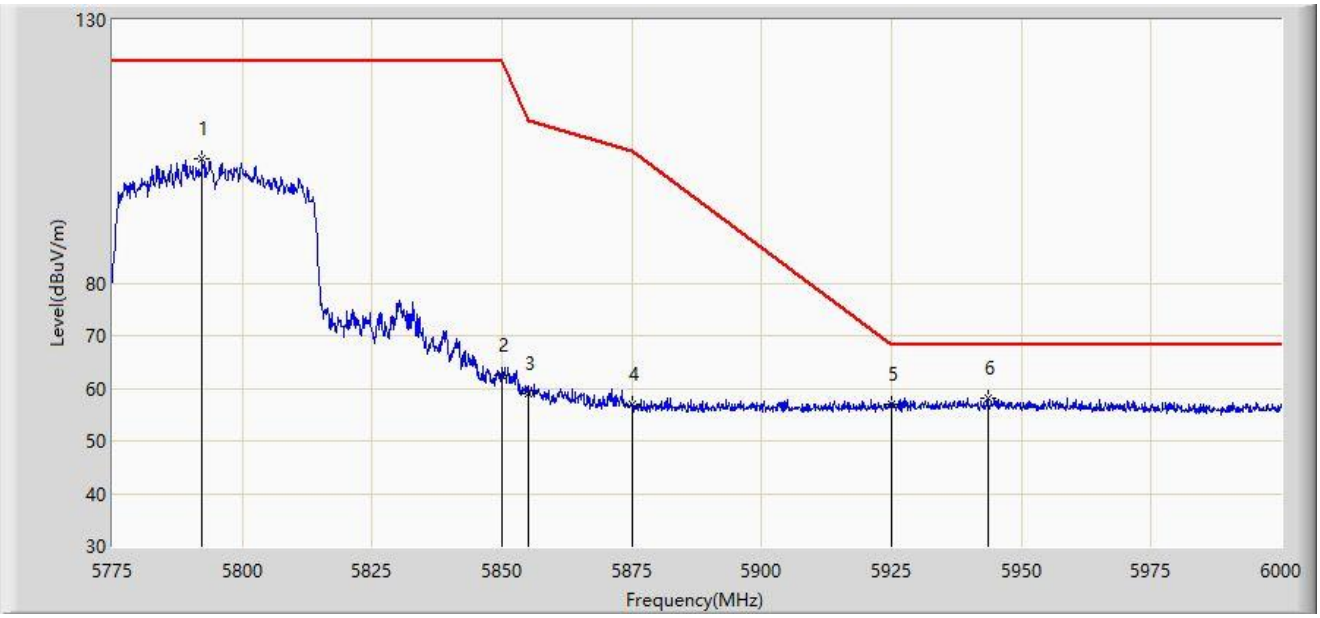
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5788.950	113.888	110.732	N/A	N/A	3.156	PK
2		5850.000	70.893	67.561	-51.307	122.200	3.333	PK
3		5855.000	69.415	66.075	-41.385	110.800	3.340	PK
4		5875.000	63.857	60.463	-41.343	105.200	3.393	PK
5		5925.000	56.665	52.900	-11.535	68.200	3.766	PK
6	*	5946.562	58.118	54.151	-10.082	68.200	3.967	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE40 at 5795MHz	



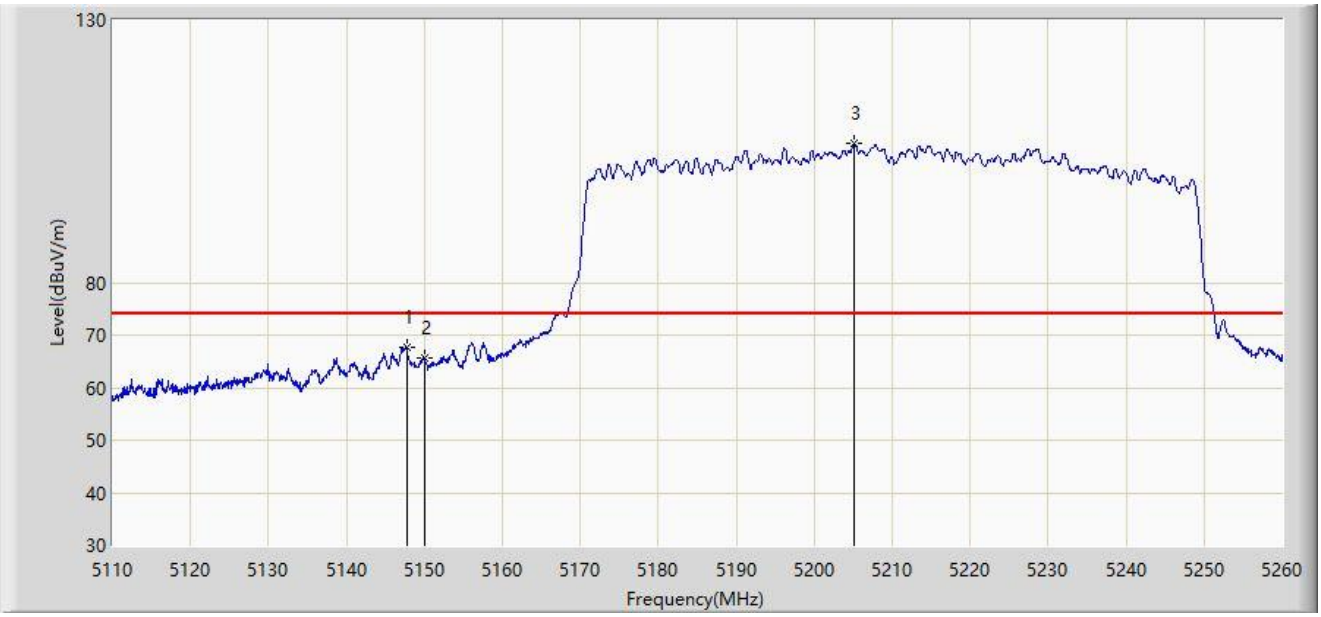
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5792.212	103.576	100.389	N/A	N/A	3.187	PK
2		5850.000	62.570	59.238	-59.630	122.200	3.333	PK
3		5855.000	59.017	55.677	-51.783	110.800	3.340	PK
4		5875.000	56.878	53.484	-48.322	105.200	3.393	PK
5		5925.000	56.944	53.179	-11.256	68.200	3.766	PK
6	*	5943.525	58.072	54.123	-10.128	68.200	3.949	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5210MHz	



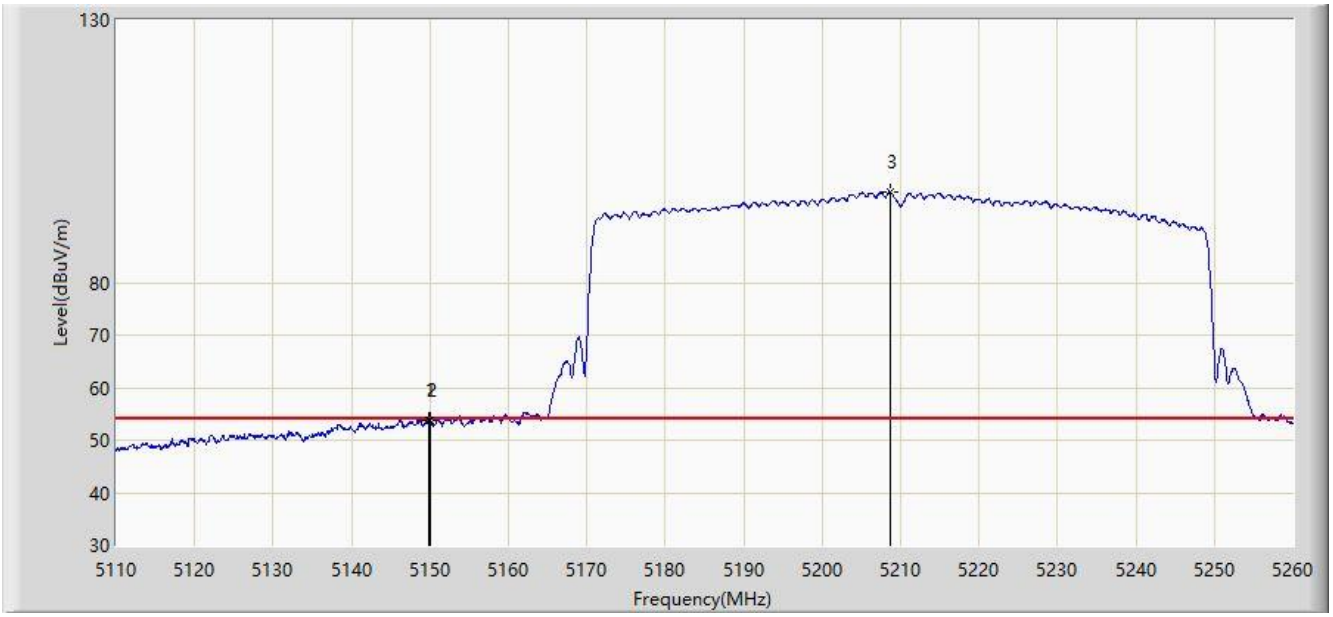
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.800	67.686	65.117	-6.314	74.000	2.568	PK
2		5150.000	65.584	63.025	-8.416	74.000	2.559	PK
3		5205.100	106.565	104.626	N/A	N/A	1.938	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5210MHz	



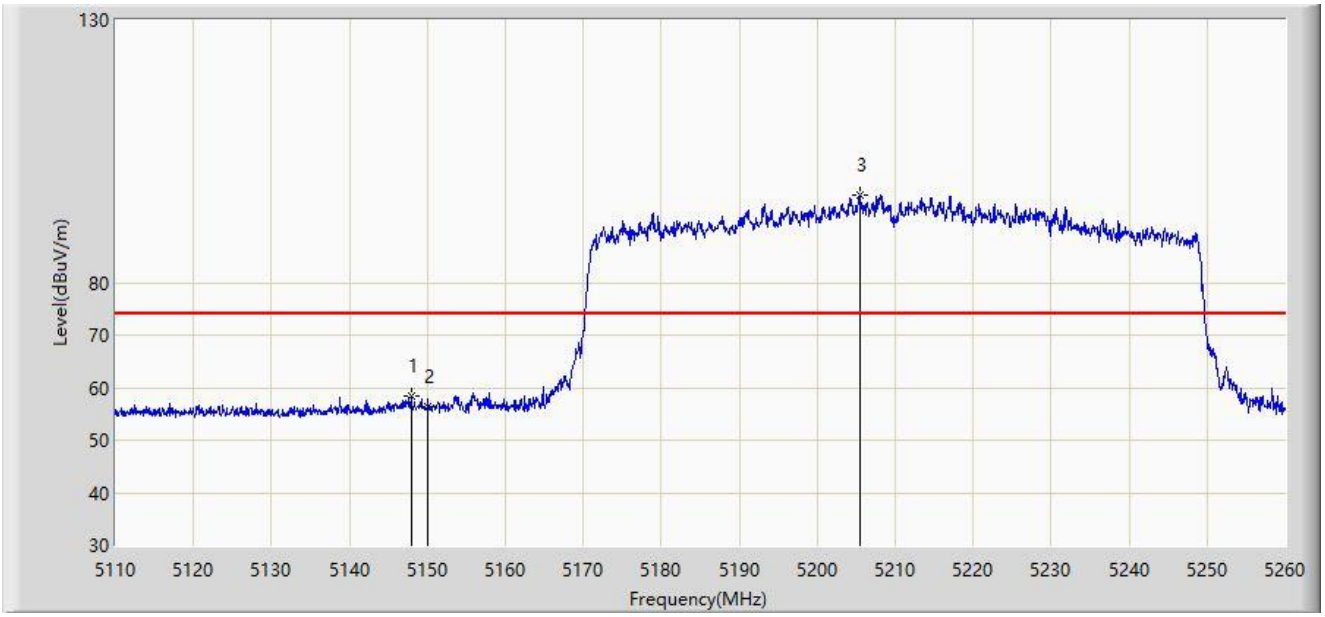
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.900	53.889	51.329	-0.111	54.000	2.560	AV
2		5150.000	53.642	51.083	-0.358	54.000	2.559	AV
3		5208.700	97.293	95.262	N/A	N/A	2.032	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5210MHz	



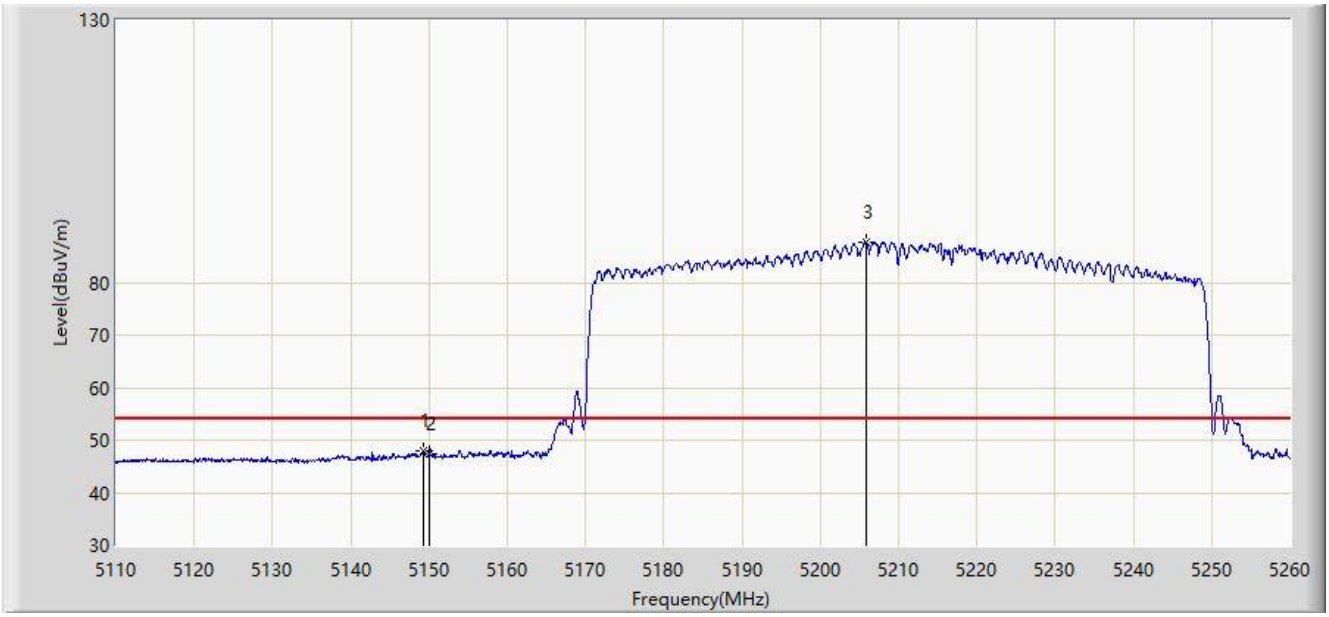
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.950	58.281	55.709	-15.719	74.000	2.572	PK
2		5150.000	56.306	53.747	-17.694	74.000	2.559	PK
3		5205.400	96.760	94.814	N/A	N/A	1.946	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5210MHz	



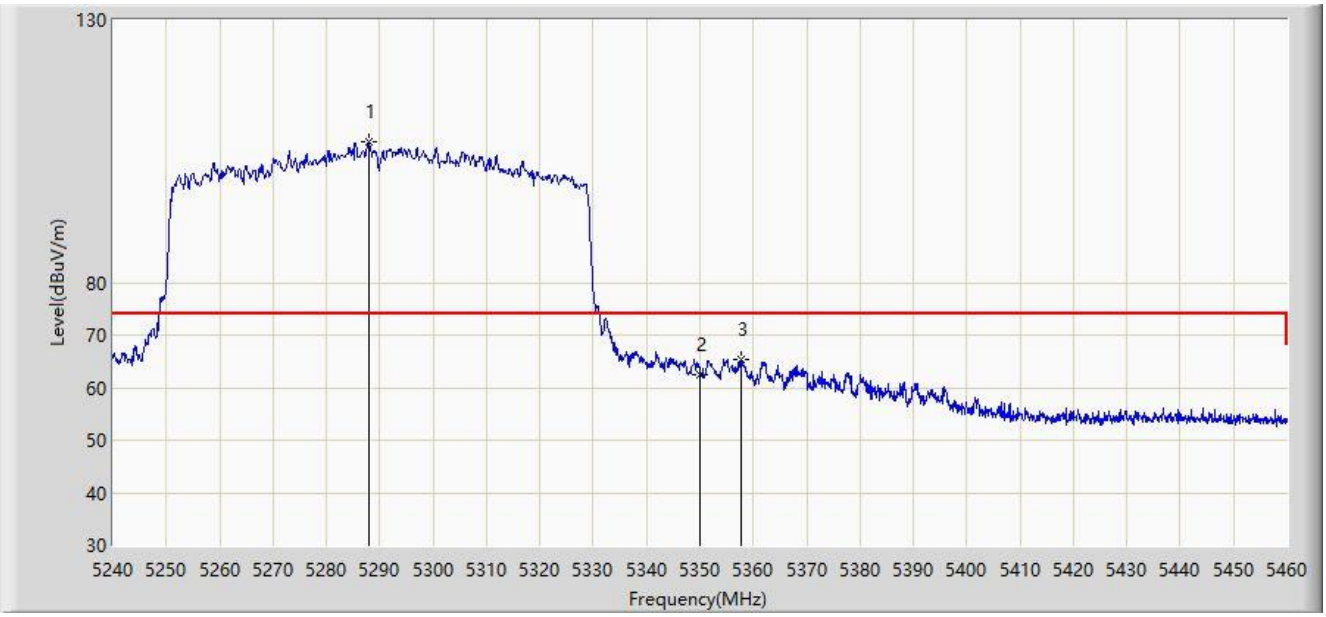
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.225	47.875	45.311	-6.125	54.000	2.564	AV
2		5150.000	47.247	44.688	-6.753	54.000	2.559	AV
3		5205.775	87.605	85.649	N/A	N/A	1.956	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5290MHz	



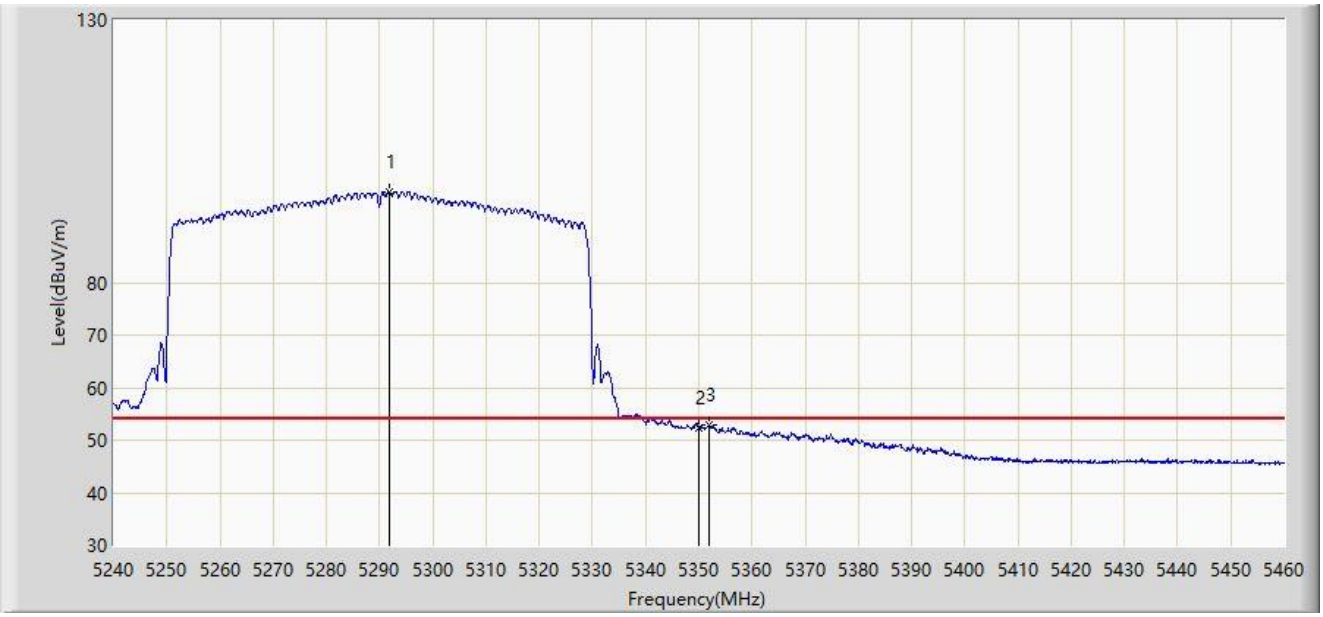
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.850	106.945	105.099	N/A	N/A	1.847	PK
2		5350.000	62.588	61.078	-11.412	74.000	1.510	PK
3	*	5357.810	65.302	63.715	-8.698	74.000	1.588	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5290MHz	



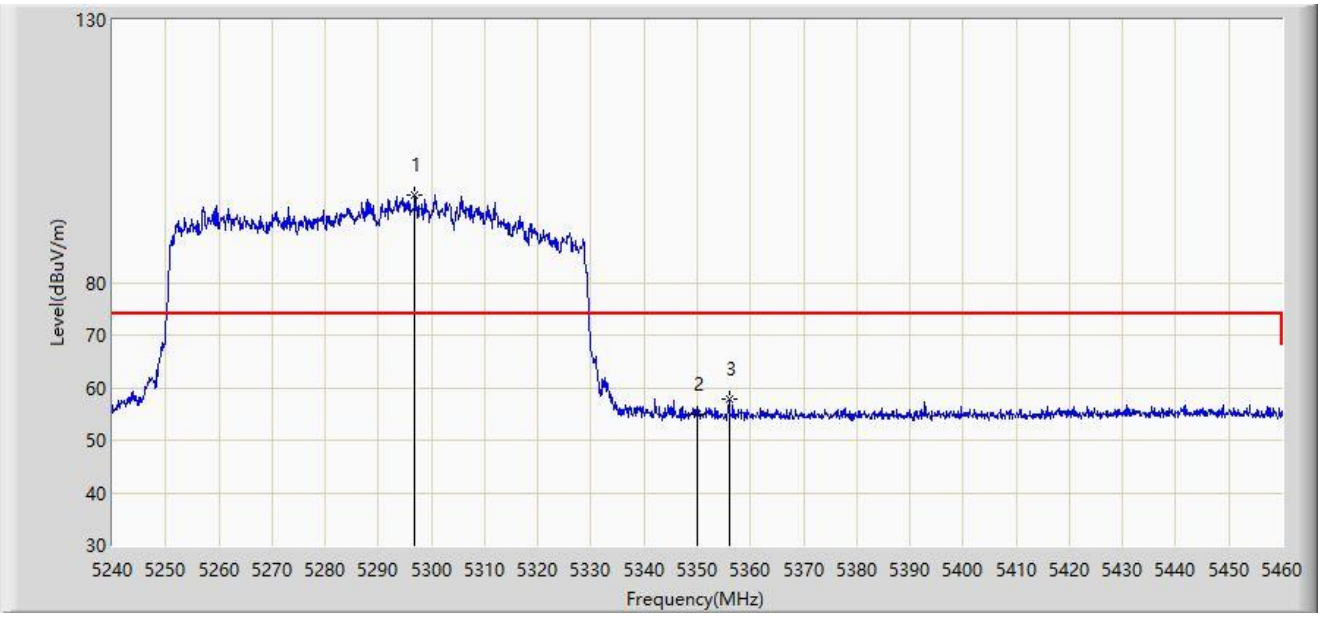
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5291.700	97.390	95.567	N/A	N/A	1.823	AV
2		5350.000	52.286	50.776	-1.714	54.000	1.510	AV
3	*	5351.870	52.791	51.285	-1.209	54.000	1.507	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5290MHz	



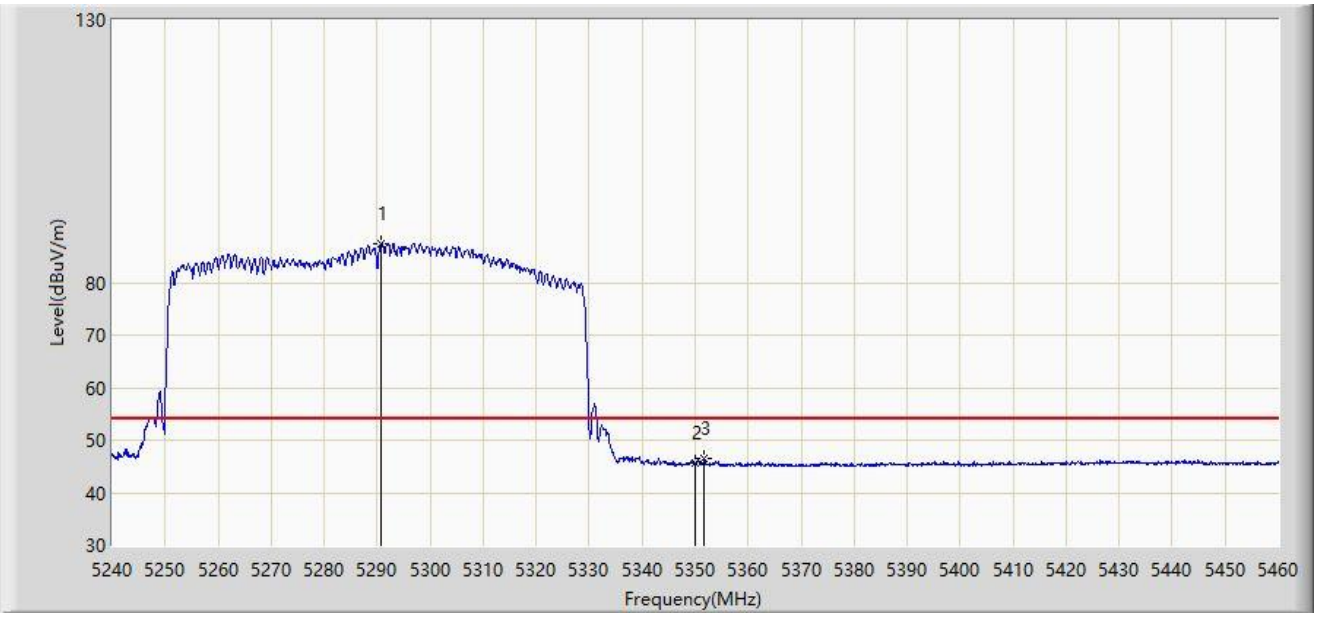
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5296.870	96.578	94.787	N/A	N/A	1.791	PK
2		5350.000	54.983	53.473	-19.017	74.000	1.510	PK
3	*	5355.940	57.778	56.217	-16.222	74.000	1.562	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5290MHz	



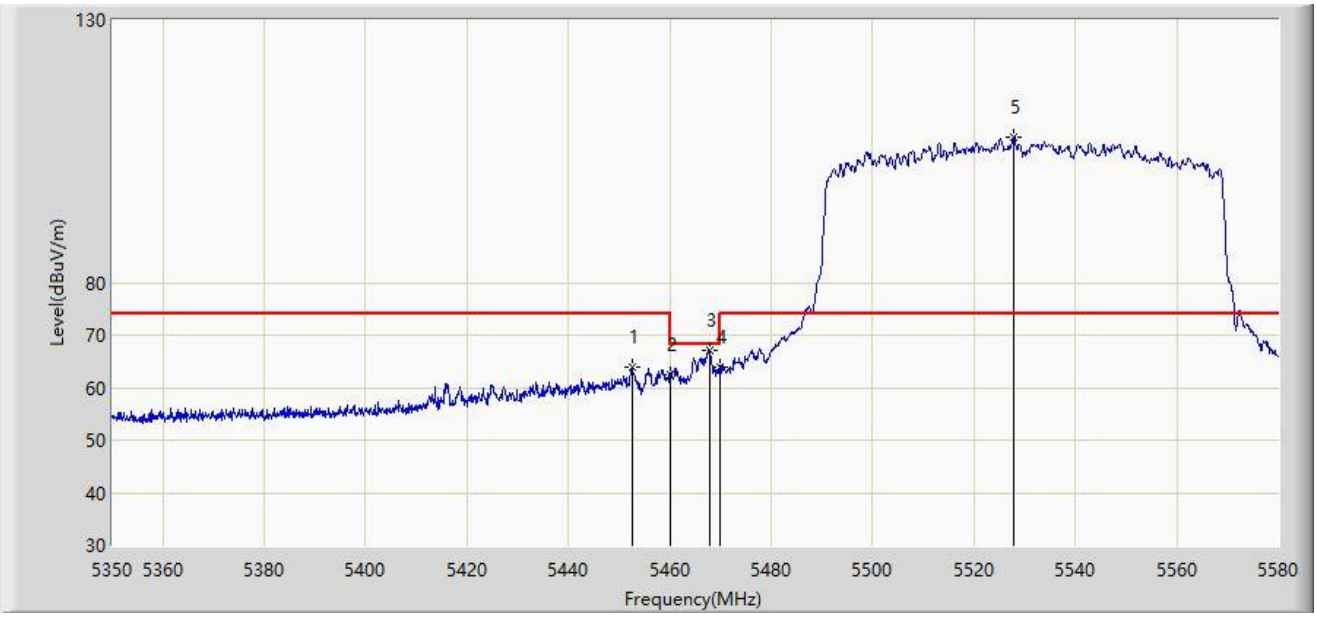
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5290.820	87.479	85.651	N/A	N/A	1.828	AV
2		5350.000	45.775	44.265	-8.225	54.000	1.510	AV
3	*	5351.760	46.445	44.938	-7.555	54.000	1.507	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5530MHz	



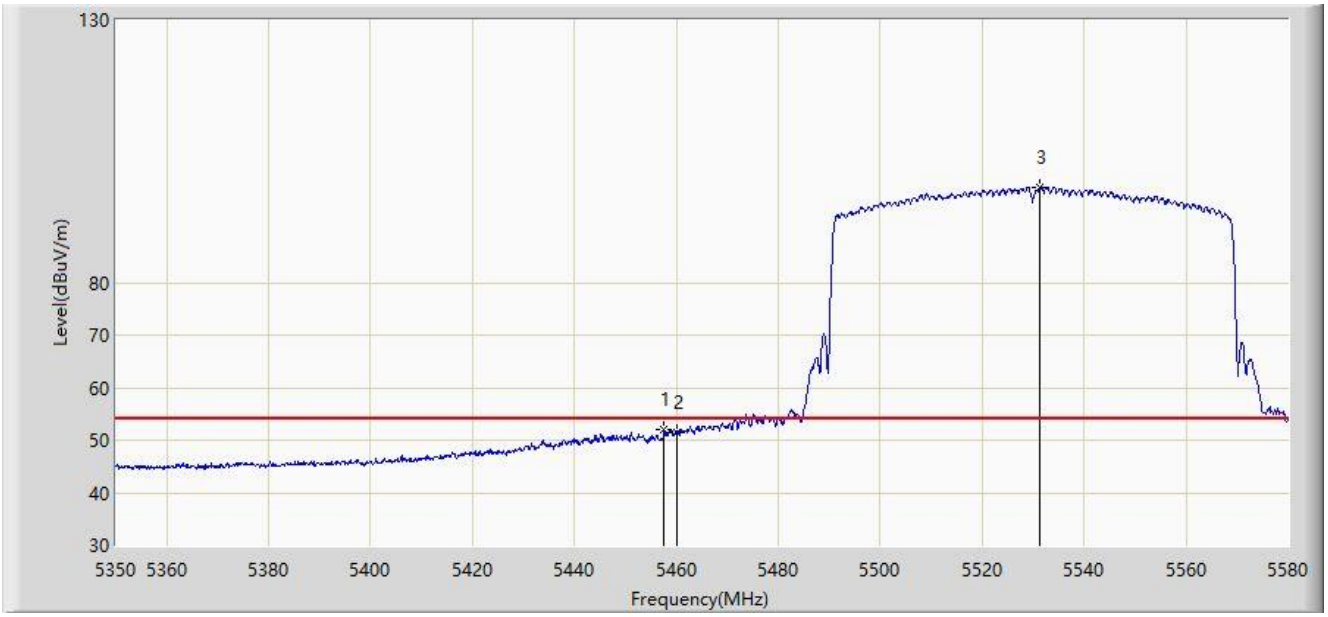
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5452.580	64.034	61.968	-9.966	74.000	2.065	PK
2		5460.000	62.500	60.393	-11.500	74.000	2.108	PK
3	*	5467.760	67.137	64.948	-1.063	68.200	2.189	PK
4		5470.000	63.962	61.750	-4.238	68.200	2.212	PK
5		5527.905	107.787	105.779	N/A	N/A	2.009	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5530MHz	



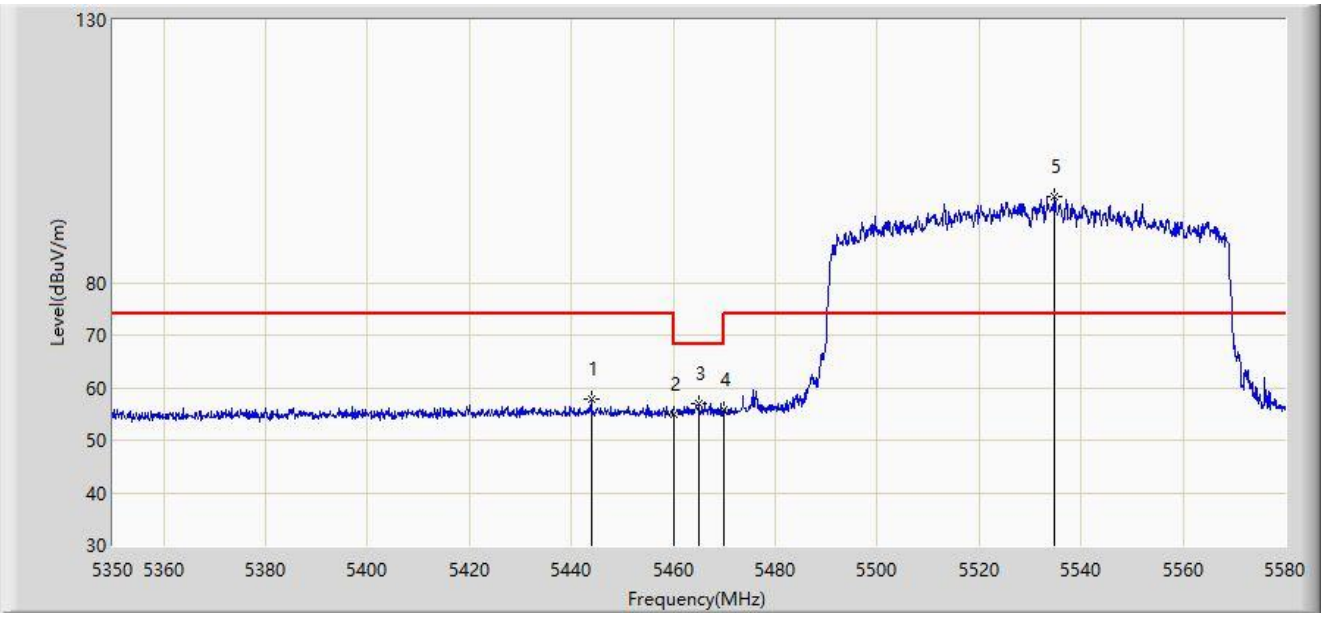
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.525	52.074	49.993	-1.926	54.000	2.081	AV
2		5460.000	51.584	49.477	-2.416	54.000	2.108	AV
3		5531.355	98.118	96.021	N/A	N/A	2.097	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5530MHz	



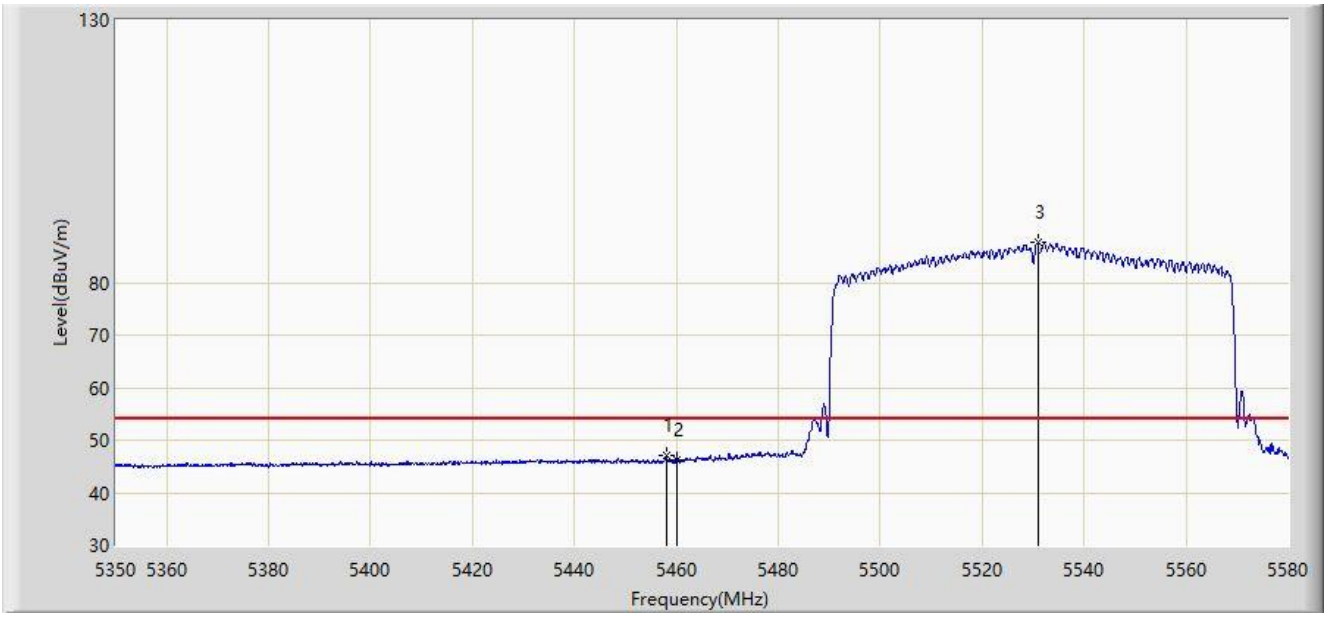
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5443.840	57.818	55.618	-16.182	74.000	2.199	PK
2		5460.000	54.929	52.822	-19.071	74.000	2.108	PK
3	*	5465.000	57.060	54.900	-11.140	68.200	2.159	PK
4		5470.000	55.761	53.549	-12.439	68.200	2.212	PK
5		5534.805	96.232	94.047	N/A	N/A	2.186	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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5530MHz	



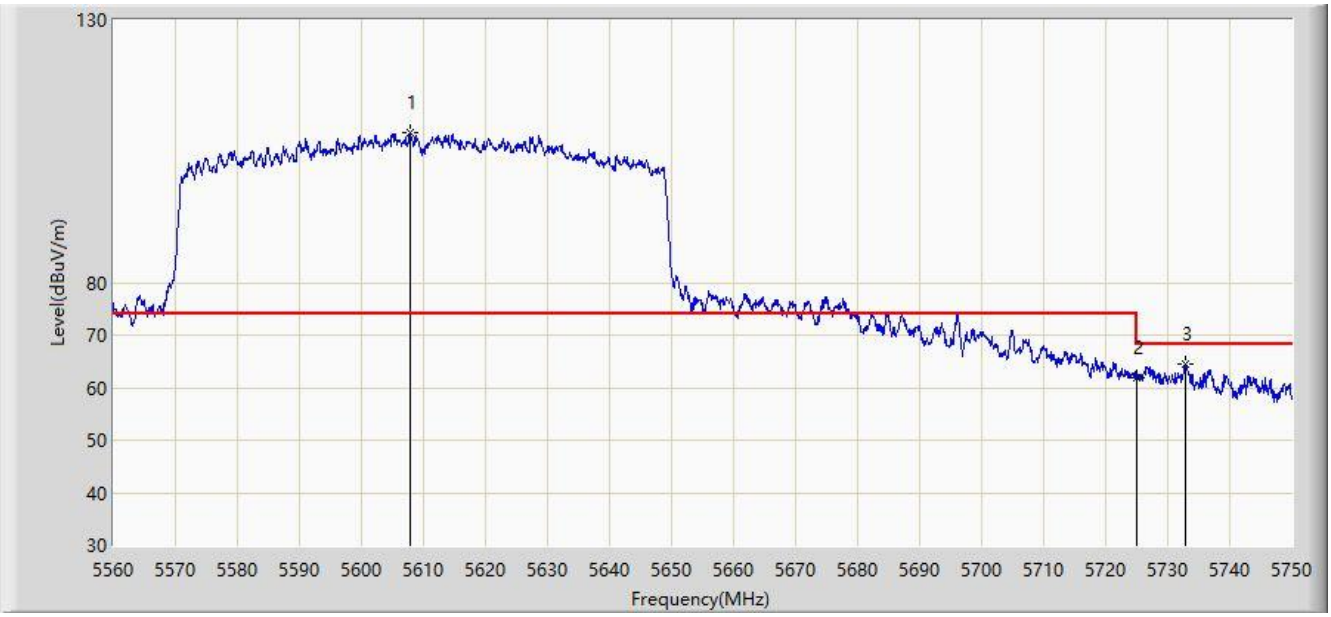
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.985	46.979	44.893	-7.021	54.000	2.086	AV
2		5460.000	46.225	44.118	-7.775	54.000	2.108	AV
3		5530.895	87.696	85.611	N/A	N/A	2.085	AV

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5610MHz	



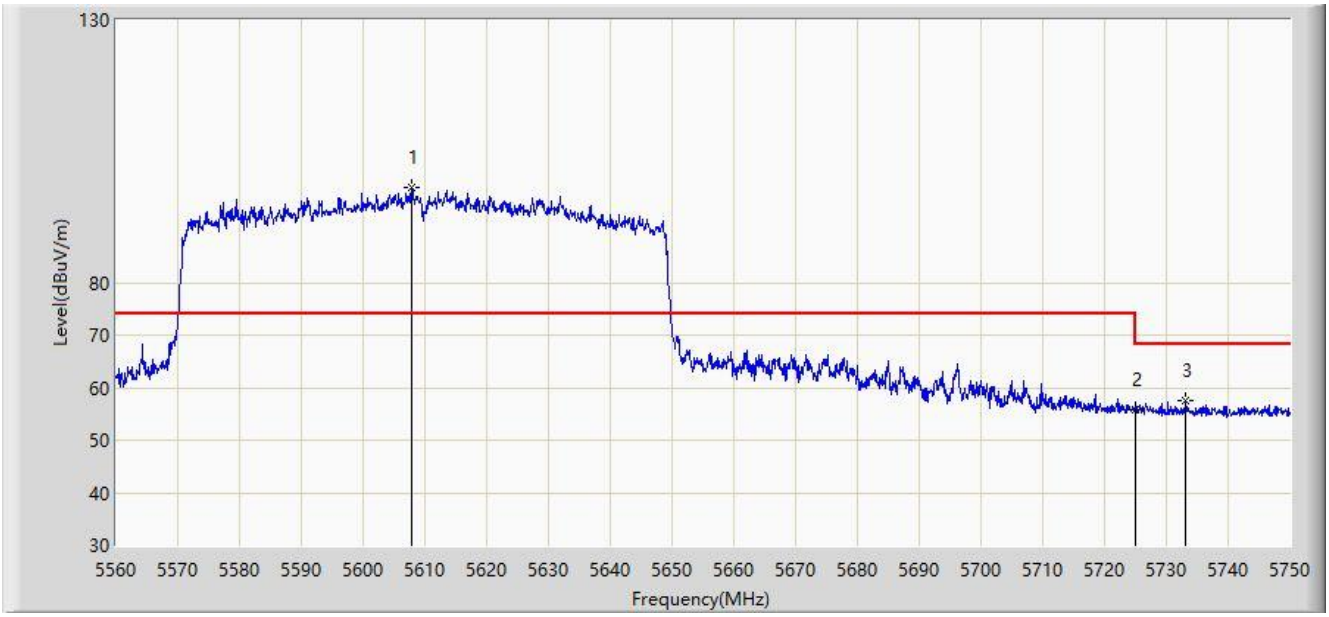
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5607.785	108.630	106.206	N/A	N/A	2.424	PK
2		5725.000	61.955	59.111	-6.245	68.200	2.844	PK
3	*	5732.805	64.429	61.507	-3.771	68.200	2.922	PK

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: 2023-07-05
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5610MHz	



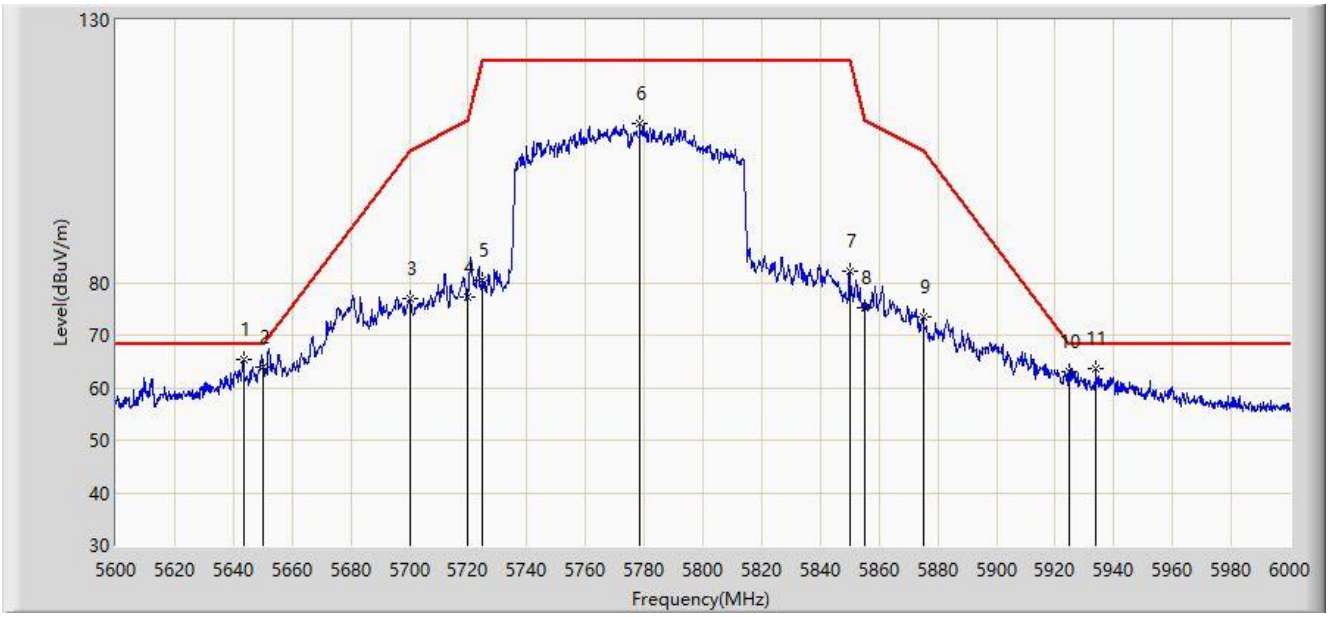
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5607.880	98.187	95.763	N/A	N/A	2.424	PK
2		5725.000	55.867	53.023	-12.333	68.200	2.844	PK
3	*	5733.185	57.564	54.638	-10.636	68.200	2.925	PK

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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax_HE80 at 5775MHz	



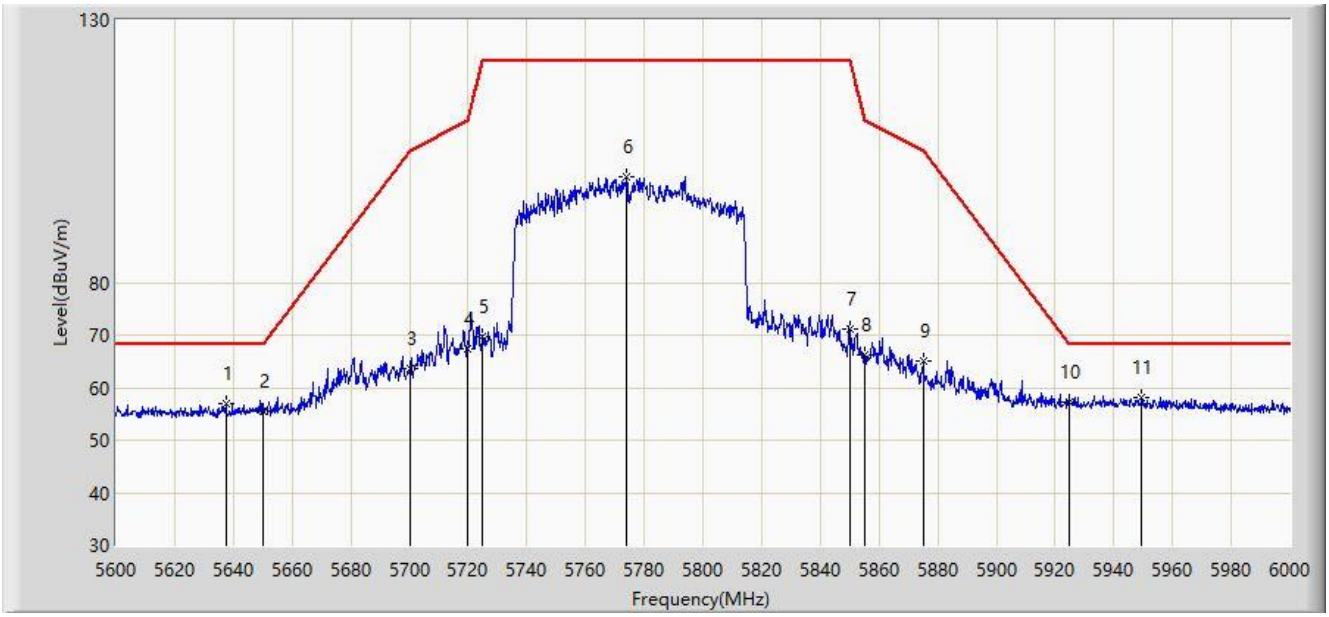
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5643.400	65.360	62.826	-2.840	68.200	2.534	PK
2		5650.000	63.941	61.390	-4.259	68.200	2.552	PK
3		5700.000	76.912	74.045	-28.288	105.200	2.867	PK
4		5720.000	77.302	74.492	-33.498	110.800	2.810	PK
5		5725.000	80.466	77.622	-41.734	122.200	2.844	PK
6		5778.400	110.250	107.194	N/A	N/A	3.056	PK
7		5850.000	82.030	78.698	-40.170	122.200	3.333	PK
8		5855.000	75.250	71.910	-35.550	110.800	3.340	PK
9		5875.000	73.548	70.154	-31.652	105.200	3.393	PK
10		5925.000	62.940	59.175	-5.260	68.200	3.766	PK
11		5933.800	63.563	59.673	-4.637	68.200	3.891	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: 2023-07-05
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 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		5637.400	56.866	54.368	-11.334	68.200	2.499	PK
2		5650.000	55.526	52.975	-12.674	68.200	2.552	PK
3		5700.000	63.712	60.845	-41.488	105.200	2.867	PK
4		5720.000	67.362	64.552	-43.438	110.800	2.810	PK
5		5725.000	69.777	66.933	-52.423	122.200	2.844	PK
6		5774.000	100.222	97.156	N/A	N/A	3.065	PK
7		5850.000	71.105	67.773	-51.095	122.200	3.333	PK
8		5855.000	66.173	62.833	-44.627	110.800	3.340	PK
9		5875.000	65.180	61.786	-40.020	105.200	3.393	PK
10		5925.000	57.136	53.371	-11.064	68.200	3.766	PK
11	*	5949.400	58.217	54.269	-9.983	68.200	3.948	PK

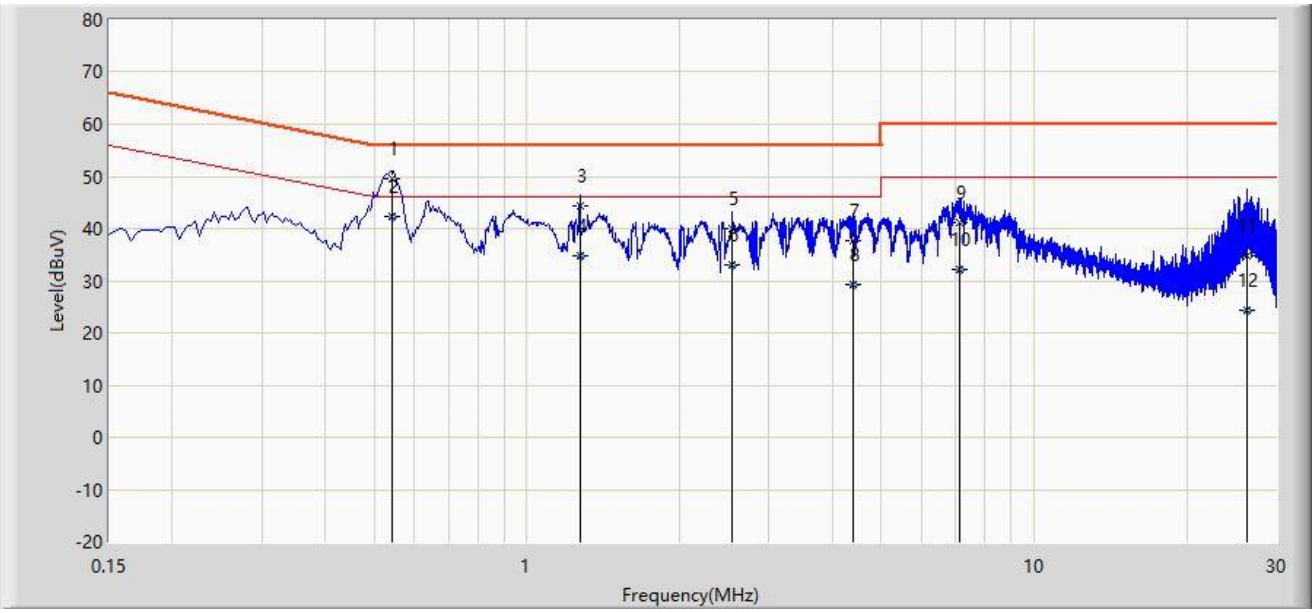
Note 1: " * ", means this data is the worst emission level.

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).

A.8 AC Conducted Emissions Test Result

Site: NS-SR2	Test Date: 2023-06-20
Temperature: 25.2°C	Humidity: 50%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Line
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



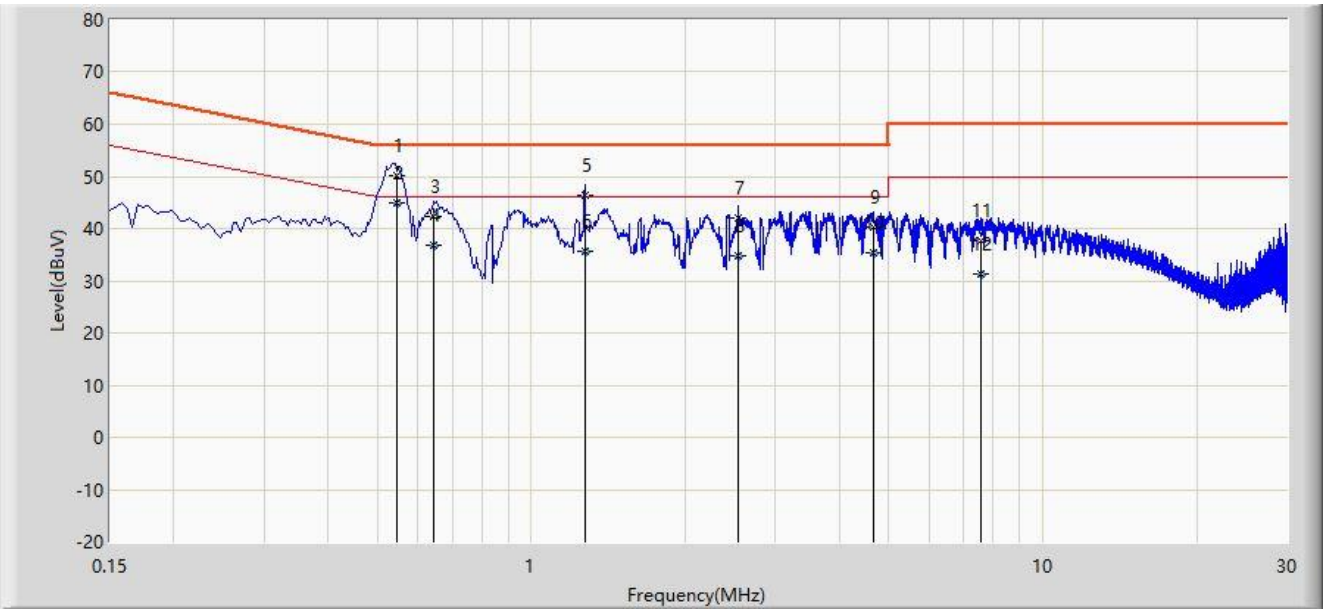
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.542	49.566	39.725	-6.434	56.000	9.840	QP
2	*	0.542	42.211	32.371	-3.789	46.000	9.840	AV
3		1.270	44.470	34.512	-11.530	56.000	9.957	QP
4		1.270	34.920	24.963	-11.080	46.000	9.957	AV
5		2.538	40.000	29.756	-16.000	56.000	10.244	QP
6		2.538	33.179	22.935	-12.821	46.000	10.244	AV
7		4.390	37.593	26.895	-18.407	56.000	10.698	QP
8		4.390	29.278	18.579	-16.722	46.000	10.698	AV
9		7.106	41.171	29.972	-18.829	60.000	11.199	QP
10		7.106	32.139	20.940	-17.861	50.000	11.199	AV
11		26.318	34.836	23.586	-25.164	60.000	11.250	QP
12		26.318	24.455	13.205	-25.545	50.000	11.250	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: 2023-06-20
Temperature: 25.2°C	Humidity: 50%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Neutral
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.545	50.001	40.160	-5.999	56.000	9.841	QP
2	*	0.545	44.903	35.062	-1.097	46.000	9.841	AV
3		0.646	42.254	32.400	-13.746	56.000	9.854	QP
4		0.646	36.828	26.974	-9.172	46.000	9.854	AV
5		1.270	46.260	36.302	-9.740	56.000	9.957	QP
6		1.270	35.619	25.662	-10.381	46.000	9.957	AV
7		2.538	42.062	31.818	-13.938	56.000	10.244	QP
8		2.538	34.744	24.500	-11.256	46.000	10.244	AV
9		4.662	40.387	29.635	-15.613	56.000	10.752	QP
10		4.662	35.251	24.499	-10.749	46.000	10.752	AV
11		7.550	37.648	26.382	-22.352	60.000	11.266	QP
12		7.550	31.353	20.087	-18.647	50.000	11.266	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 “2306RSU031-UT” file.

Appendix C – EUT Photograph

Refer to “2306RSU031-UE” file.

The End