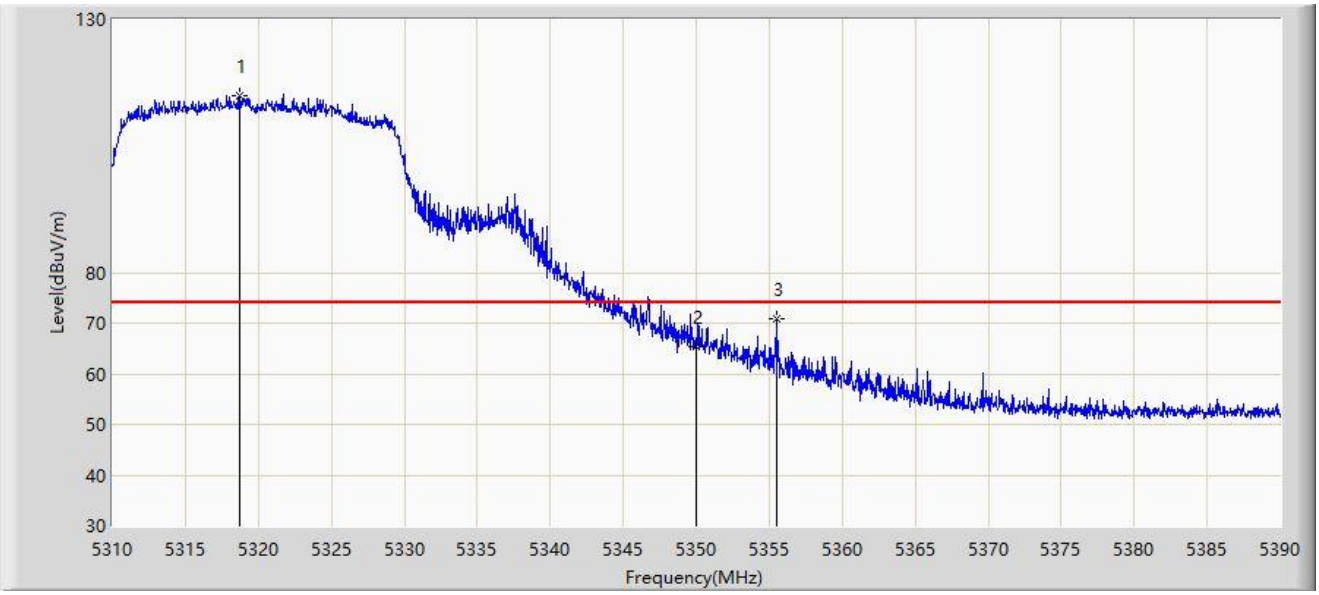
Site: SIP-AC3	Time: 2022/04/12 - 21:06
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5320MHz by 802.11ax-HE20	

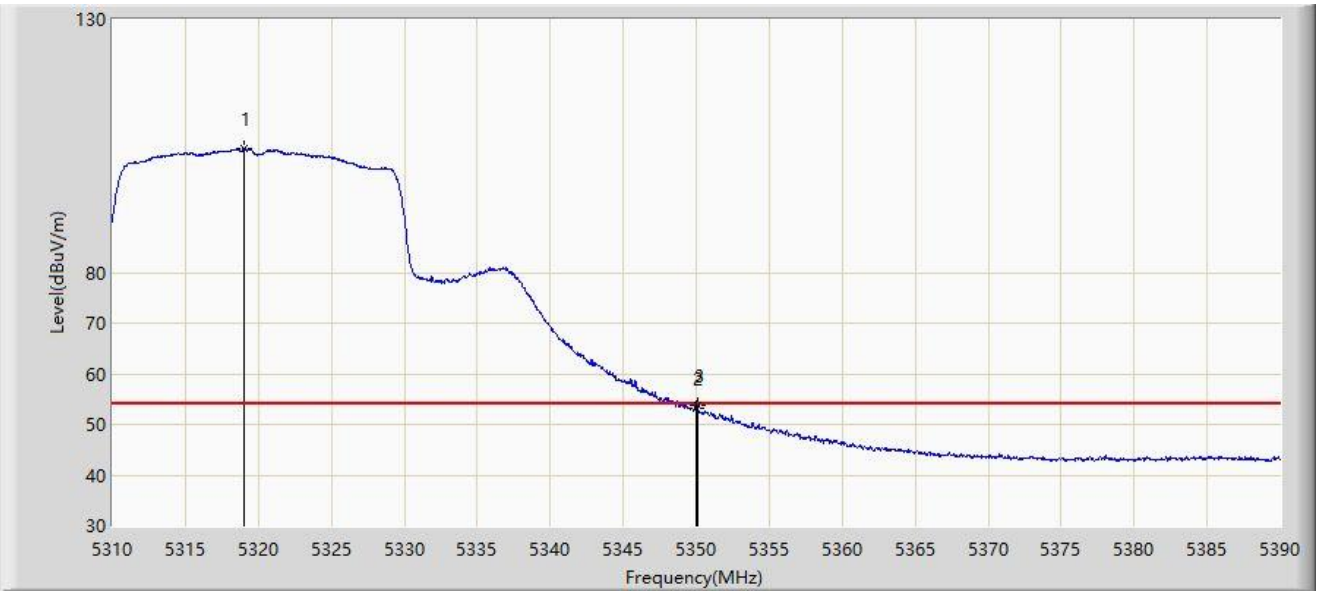


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.680	115.021	74.990	N/A	N/A	40.031	PK
2			5350.000	65.396	66.817	-8.604	74.000	-1.421	PK
3			5355.560	70.726	74.047	-3.274	74.000	-3.321	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:06
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5320MHz by 802.11ax-HE20	

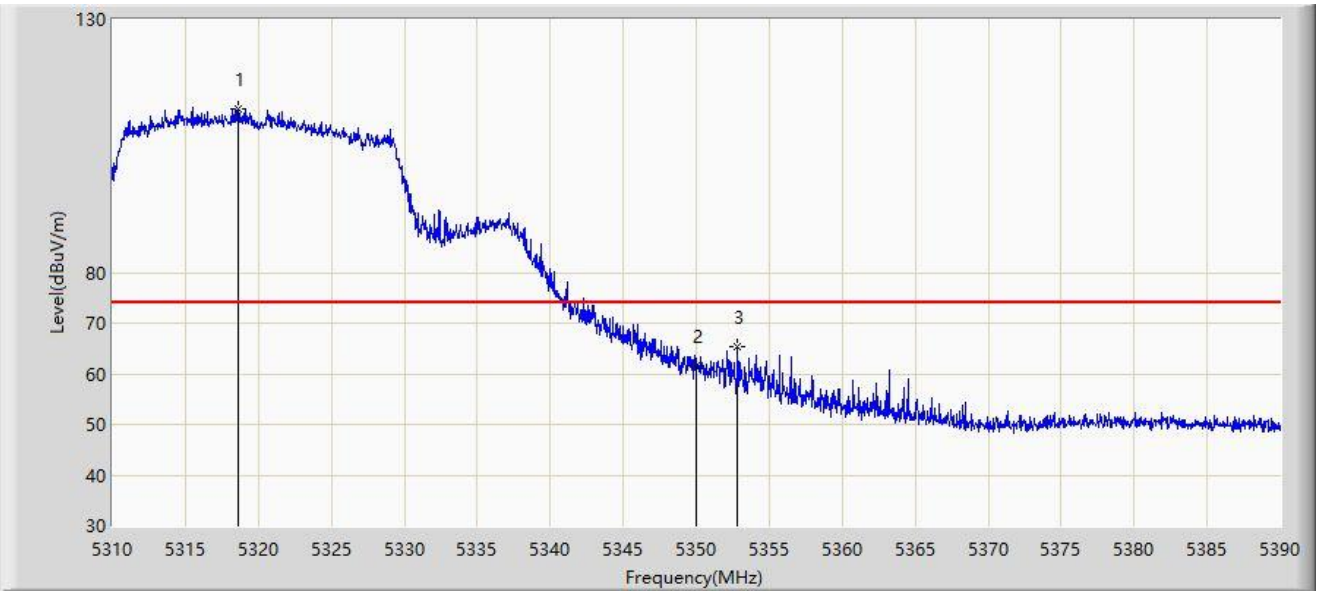


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5319.040	104.449	64.708	N/A	N/A	39.741	AV
2			5350.000	53.227	54.648	-0.773	54.000	-1.421	AV
3			5350.080	53.786	55.249	-0.214	54.000	-1.464	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:07
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5320MHz by 802.11ax-HE20	

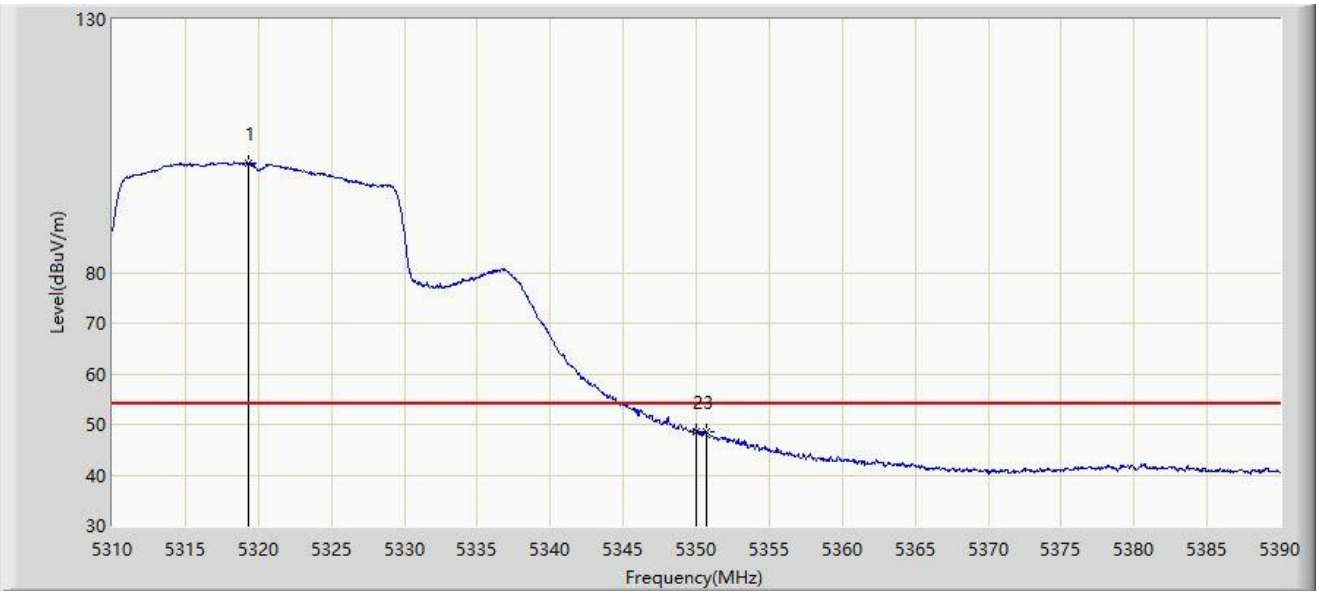


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.600	112.444	72.345	N/A	N/A	40.098	PK
2			5350.000	61.659	63.080	-12.341	74.000	-1.421	PK
3			5352.800	65.309	67.892	-8.691	74.000	-2.583	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:09
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5320MHz by 802.11ax-HE20	

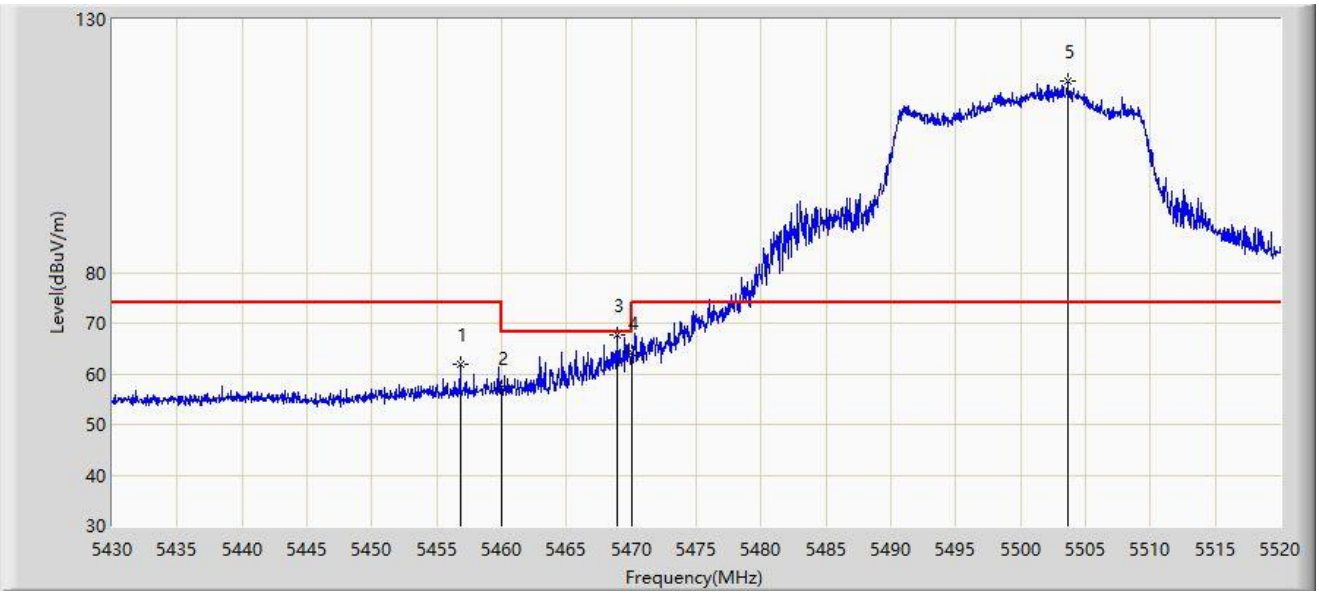


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5319.280	101.641	62.021	N/A	N/A	39.620	AV
2			5350.000	48.500	49.921	-5.500	54.000	-1.421	AV
3			5350.680	48.668	50.443	-5.332	54.000	-1.776	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:24
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5500MHz by 802.11ax-HE20	

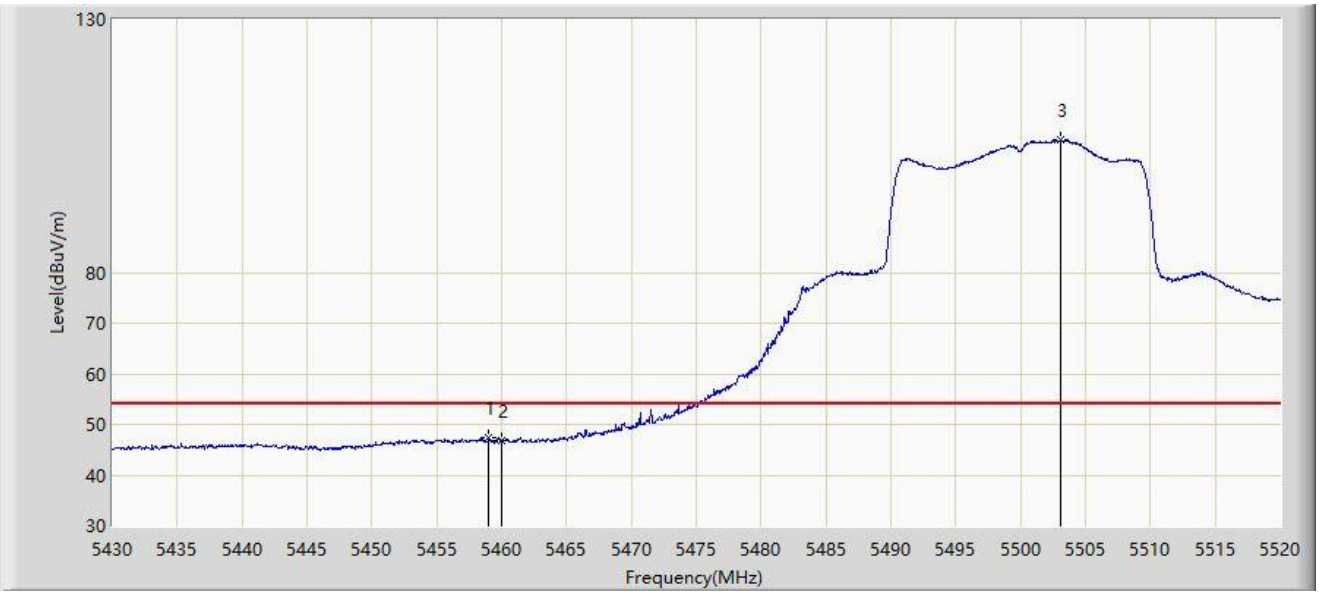


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5456.820	61.985	65.899	-12.015	74.000	-3.914	PK
2			5460.000	57.142	60.807	-16.858	74.000	-3.665	PK
3			5468.880	67.727	70.037	-0.473	68.200	-2.309	PK
4			5470.000	64.059	65.981	-4.141	68.200	-1.922	PK
5		*	5503.620	117.730	74.836	N/A	N/A	42.893	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:25
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5500MHz by 802.11ax-HE20	

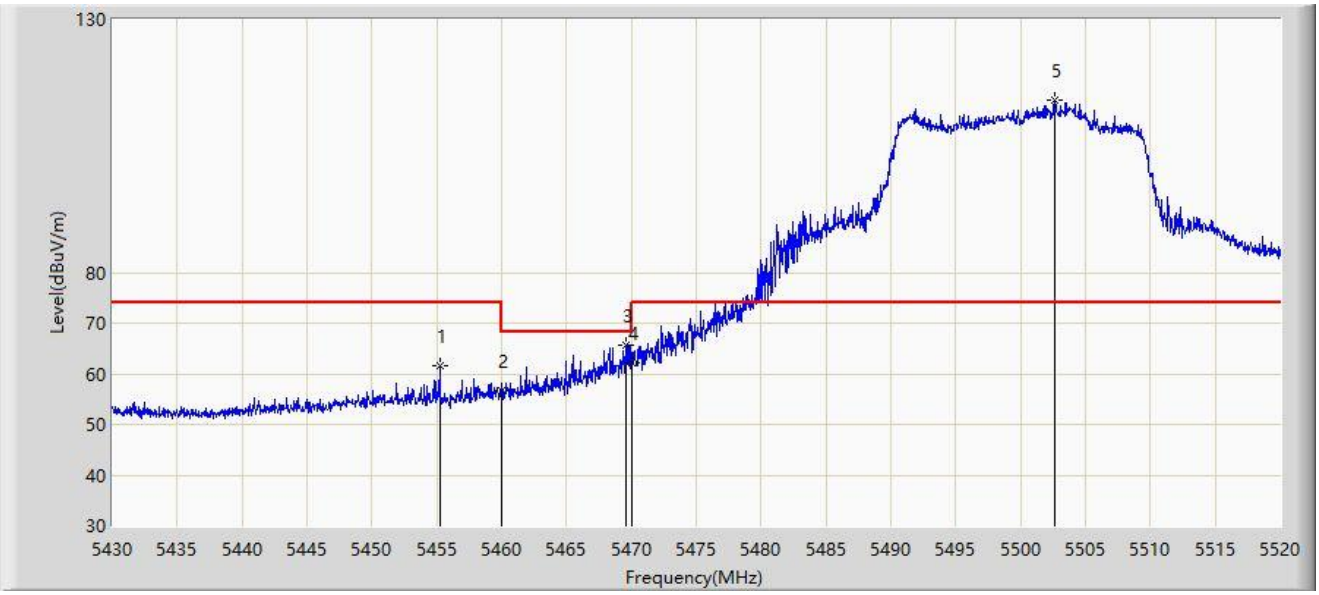


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5458.980	47.353	51.138	-6.647	54.000	-3.785	AV
2			5460.000	46.674	50.339	-7.326	54.000	-3.665	AV
3		*	5503.035	106.157	64.298	N/A	N/A	41.860	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:25
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5500MHz by 802.11ax-HE20	

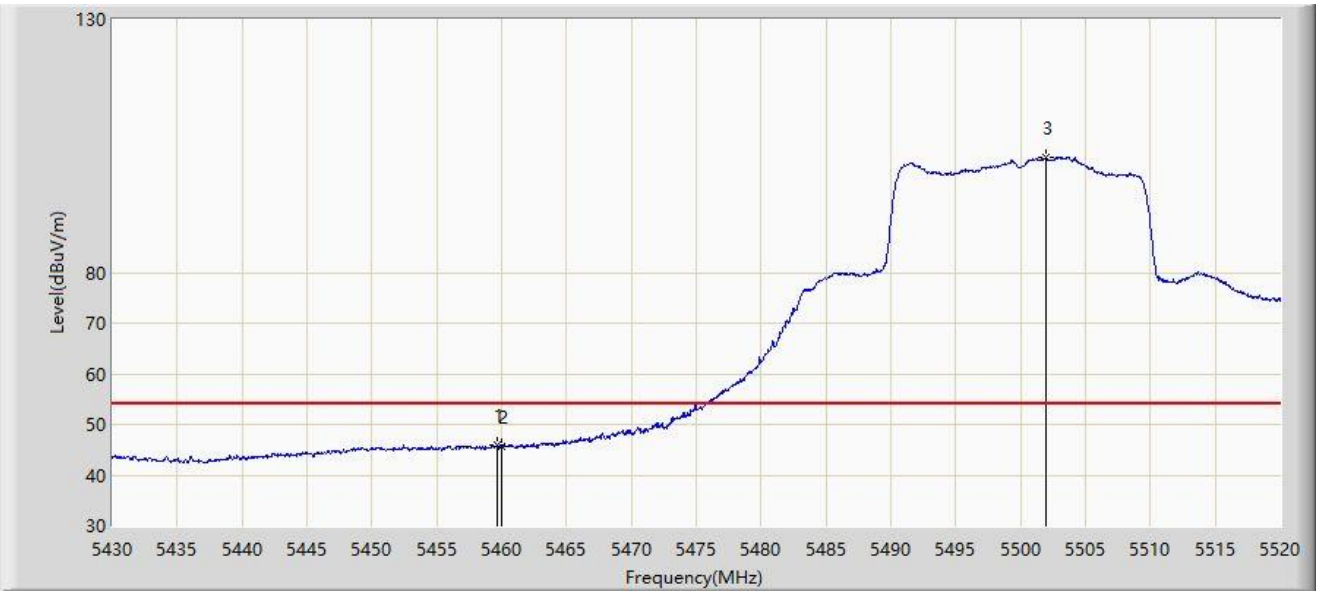


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5455.245	61.563	65.569	-12.437	74.000	-4.005	PK
2			5460.000	56.536	60.201	-17.464	74.000	-3.665	PK
3			5469.600	65.766	67.826	-2.434	68.200	-2.060	PK
4			5470.000	62.199	64.121	-6.001	68.200	-1.922	PK
5		*	5502.675	114.073	72.981	N/A	N/A	41.092	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:28
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5500MHz by 802.11ax-HE20	

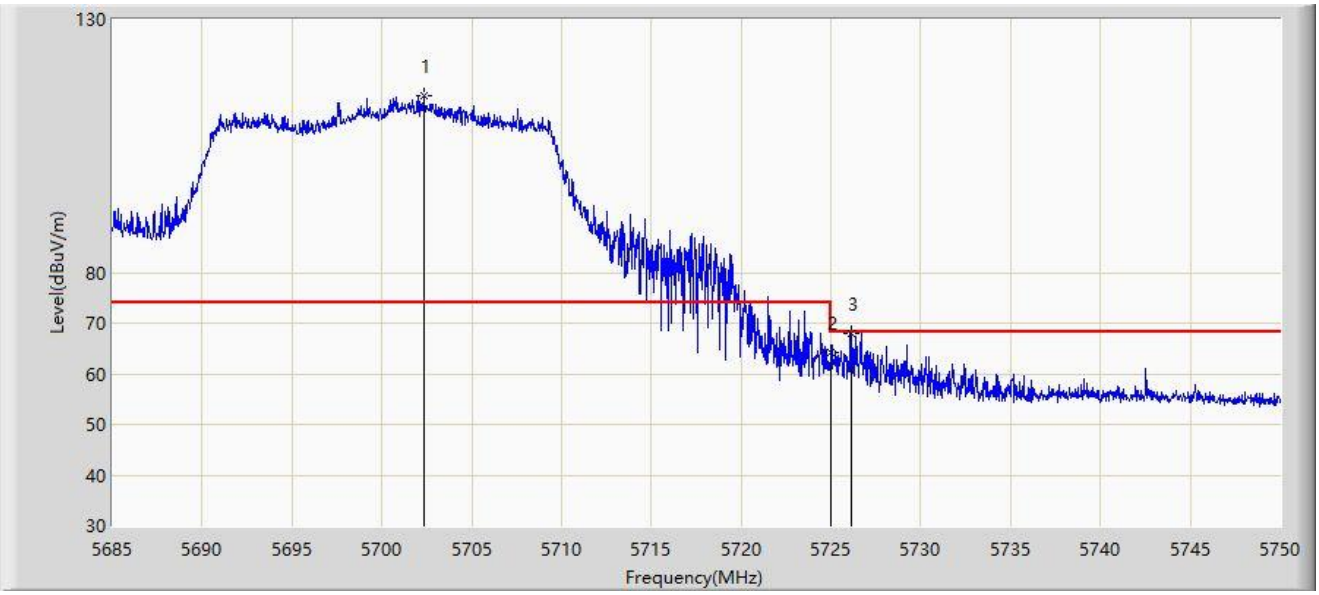


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.610	46.066	49.786	-7.934	54.000	-3.720	AV
2			5460.000	45.535	49.200	-8.465	54.000	-3.665	AV
3		*	5501.910	102.870	63.151	N/A	N/A	39.720	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:34
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5700MHz by 802.11ax-HE20	

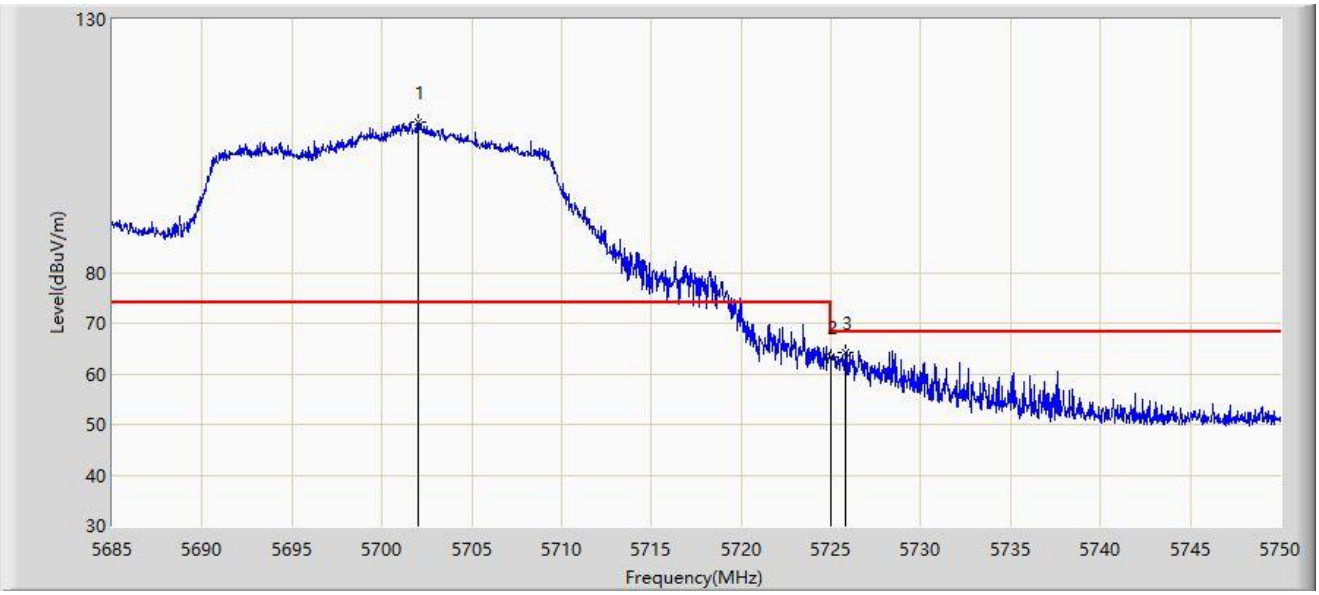


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5702.322	114.849	77.539	N/A	N/A	37.310	PK
2			5725.000	64.129	65.749	-4.071	68.200	-1.621	PK
3			5726.112	68.092	70.301	-0.108	68.200	-2.209	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:35
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5700MHz by 802.11ax-HE20	

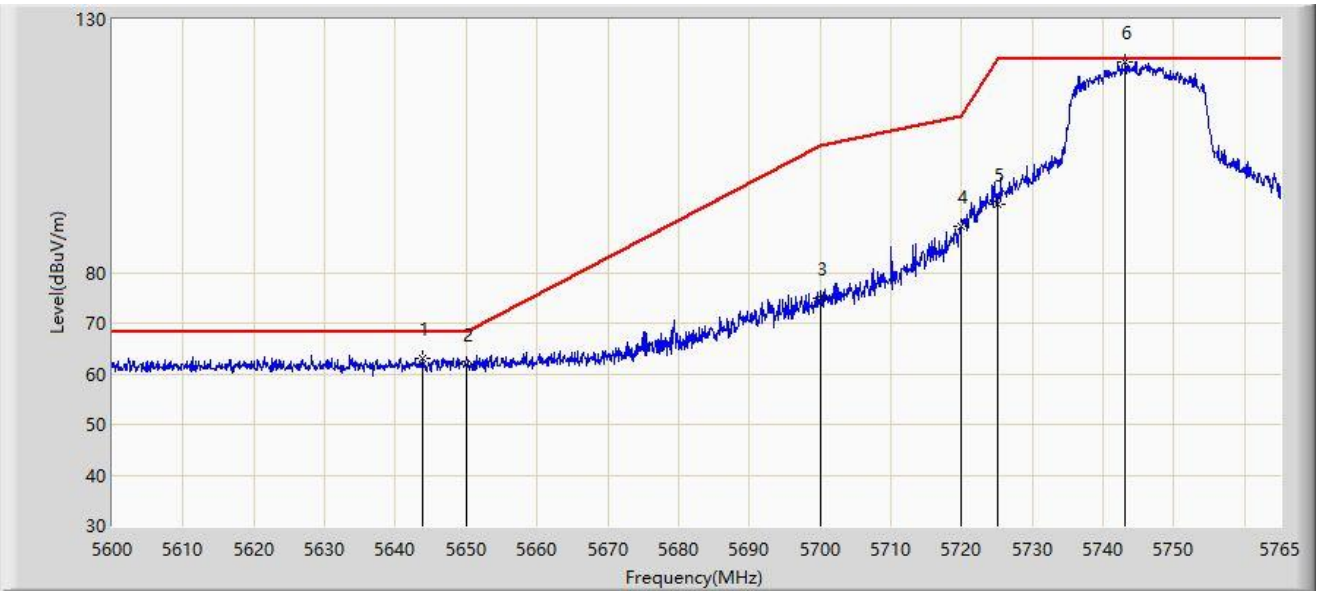


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5701.998	109.810	72.781	N/A	N/A	37.030	PK
2			5725.000	63.374	64.994	-4.826	68.200	-1.621	PK
3			5725.788	64.226	66.278	-3.974	68.200	-2.052	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:42
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5745MHz by 802.11ax-HE20	

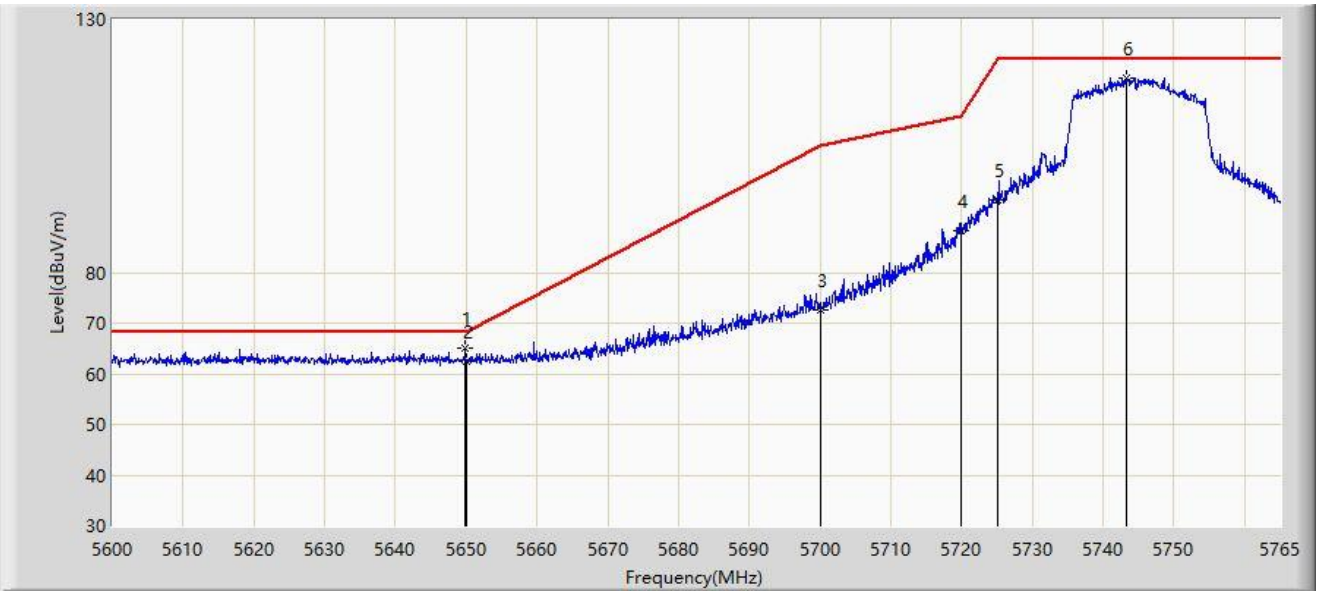


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5643.808	63.172	71.295	-5.028	68.200	-8.124	PK
2			5650.000	61.908	70.024	-6.292	68.200	-8.116	PK
3			5700.000	74.924	82.839	-30.276	105.200	-7.915	PK
4			5720.000	89.191	97.210	-21.609	110.800	-8.020	PK
5			5725.000	93.507	101.513	-28.693	122.200	-8.007	PK
6		*	5743.138	121.739	129.790	N/A	N/A	-8.051	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:43
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5745MHz by 802.11ax-HE20	

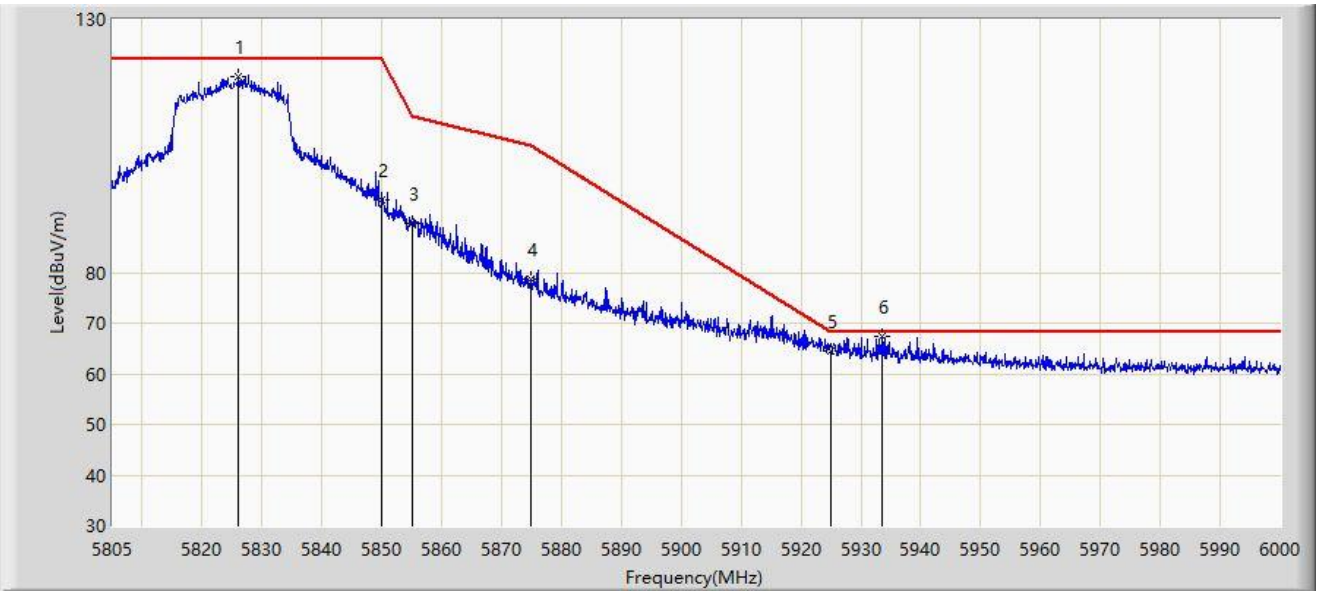


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5649.830	65.103	73.220	-3.097	68.200	-8.116	PK
2			5650.000	62.570	70.686	-5.630	68.200	-8.116	PK
3			5700.000	72.715	80.630	-32.485	105.200	-7.915	PK
4			5720.000	88.358	96.377	-22.442	110.800	-8.020	PK
5			5725.000	94.243	102.249	-27.957	122.200	-8.007	PK
6			5743.303	118.408	126.461	N/A	N/A	-8.053	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:52
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5825MHz by 802.11ax-HE20	

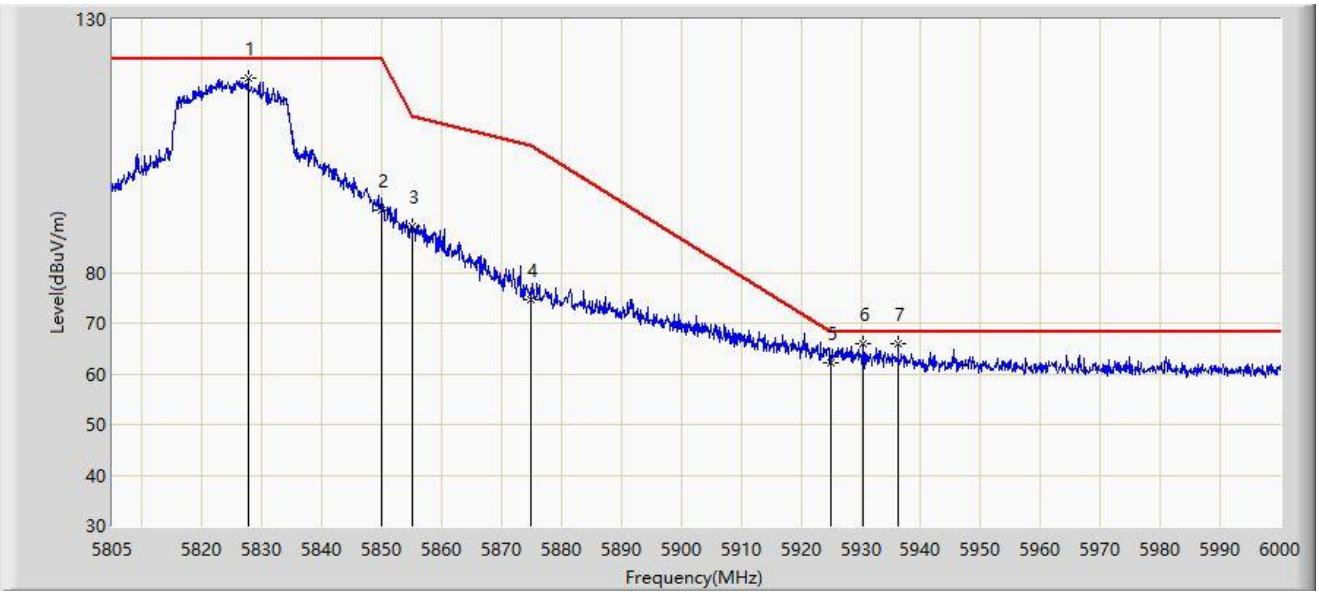


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5826.060	118.795	126.727	N/A	N/A	-7.932	PK
2			5850.000	94.271	102.197	-27.929	122.200	-7.925	PK
3			5855.000	89.671	97.608	-21.129	110.800	-7.937	PK
4			5875.000	78.587	86.533	-26.613	105.200	-7.946	PK
5			5925.000	64.558	72.630	-3.642	68.200	-8.073	PK
6		*	5933.505	67.518	75.587	-0.682	68.200	-8.069	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 21:53
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5825MHz by 802.11ax-HE20	

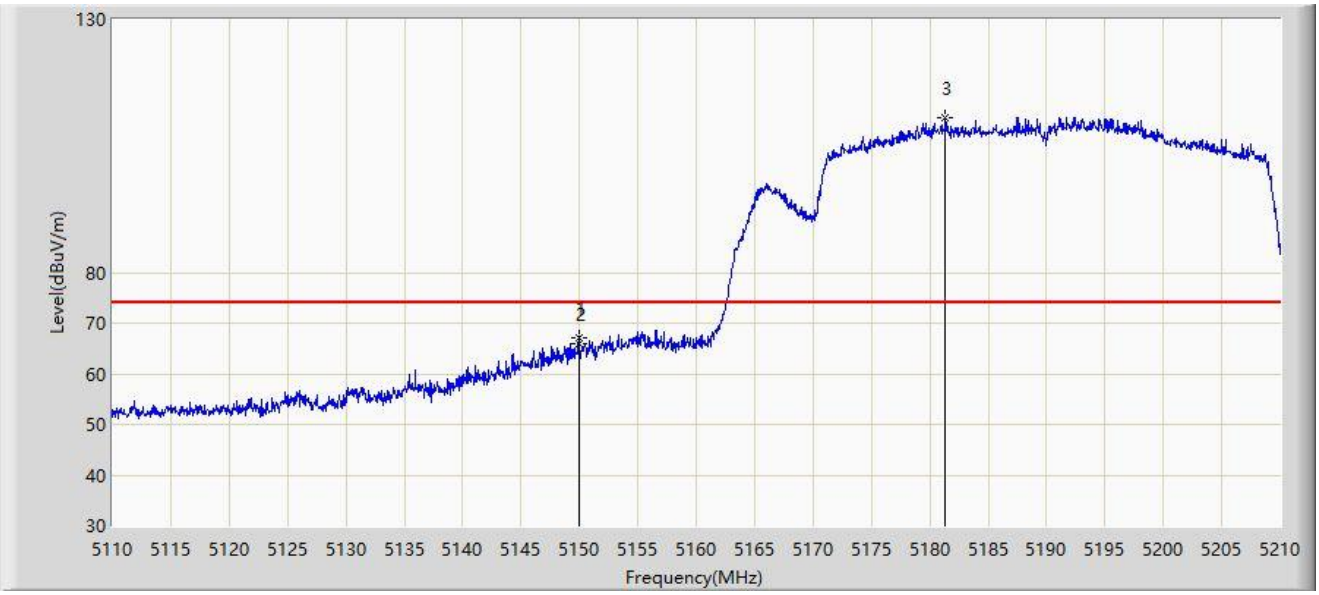


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5827.717	118.537	126.478	N/A	N/A	-7.940	PK
2			5850.000	92.286	100.212	-29.914	122.200	-7.925	PK
3			5855.000	89.150	97.087	-21.650	110.800	-7.937	PK
4			5875.000	74.517	82.463	-30.683	105.200	-7.946	PK
5			5925.000	62.076	70.148	-6.124	68.200	-8.073	PK
6		*	5930.385	65.911	74.055	-2.289	68.200	-8.144	PK
7			5936.235	65.870	73.873	-2.330	68.200	-8.004	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:06
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5190MHz by 802.11ax-HE40	

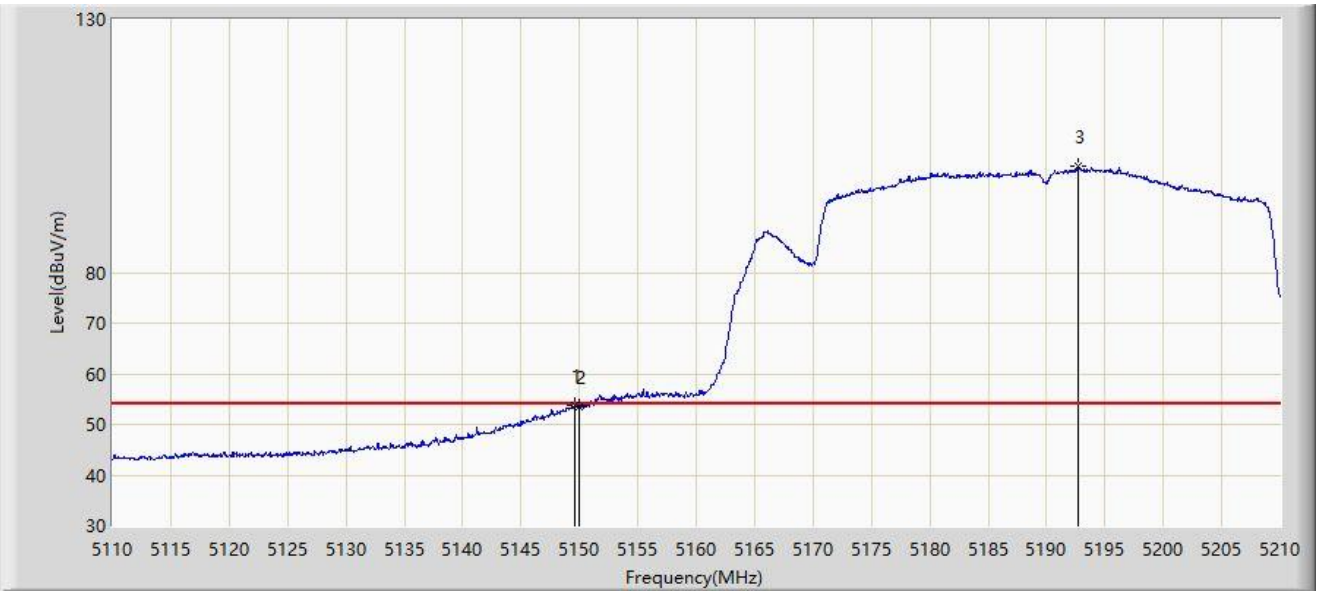


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.950	67.103	70.105	-6.897	74.000	-3.002	PK
2			5150.000	66.007	68.992	-7.993	74.000	-2.986	PK
3		*	5181.300	110.448	69.382	N/A	N/A	41.067	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:05
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5190MHz by 802.11ax-HE40	

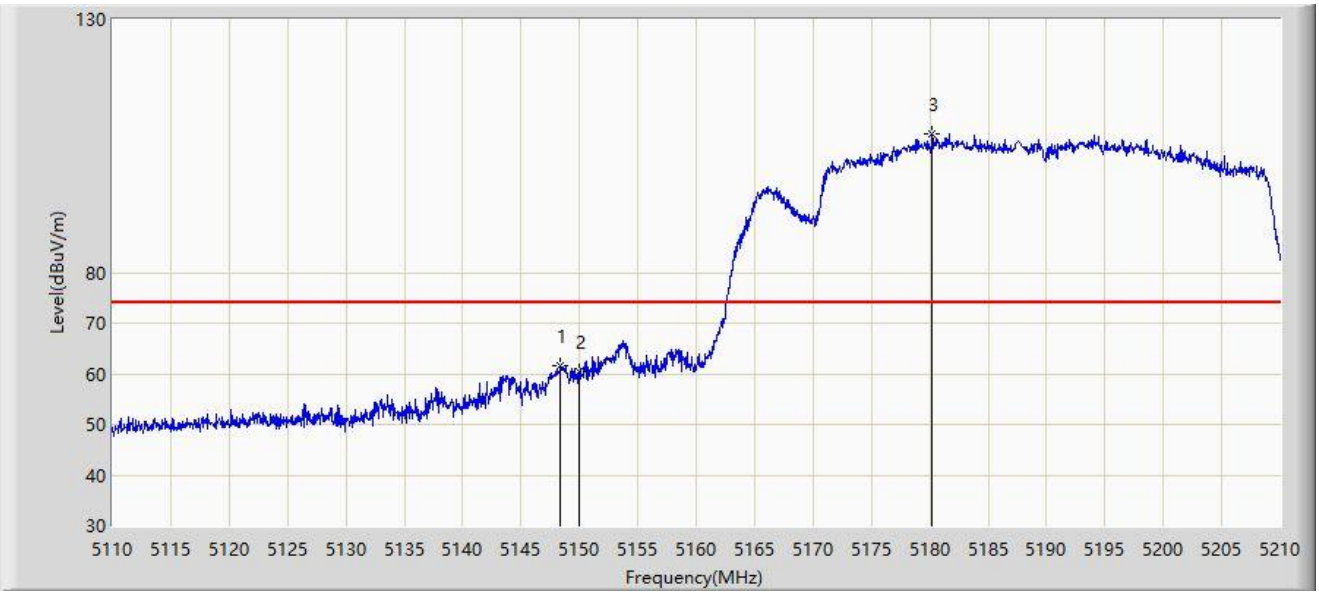


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.650	53.851	56.929	-0.149	54.000	-3.078	AV
2			5150.000	53.504	56.489	-0.496	54.000	-2.986	AV
3		*	5192.650	101.077	64.332	N/A	N/A	36.744	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:11
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5190MHz by 802.11ax-HE40	

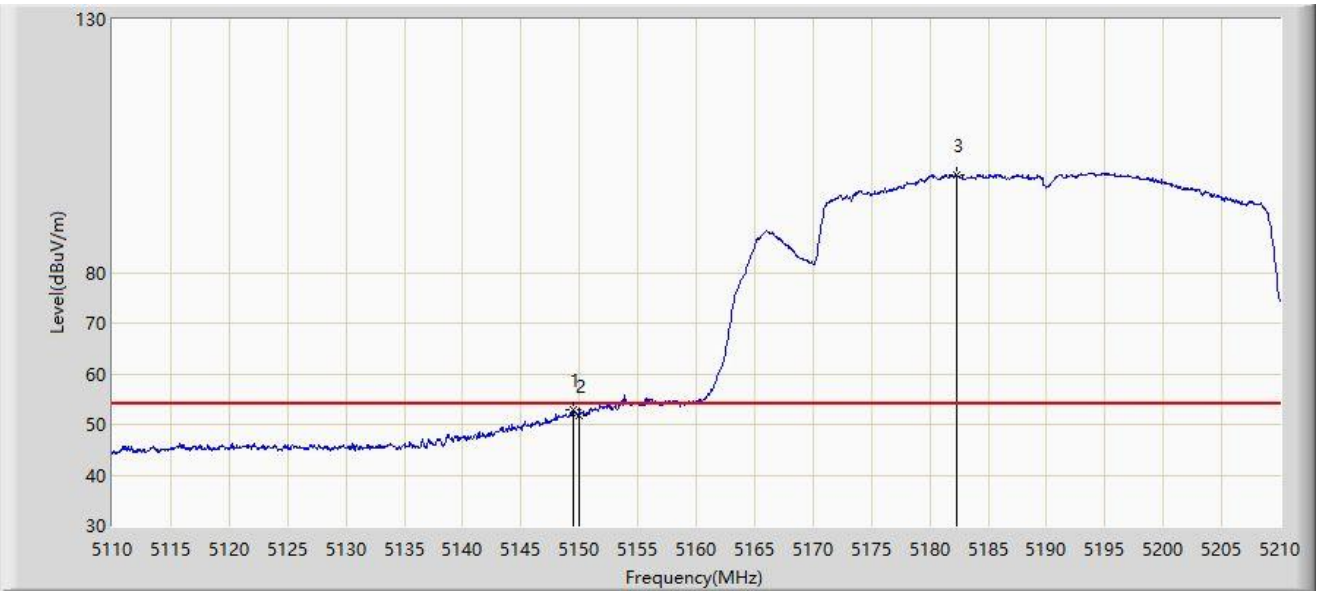


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.400	61.529	64.838	-12.471	74.000	-3.309	PK
2			5150.000	60.501	63.486	-13.499	74.000	-2.986	PK
3		*	5180.200	107.476	65.946	N/A	N/A	41.530	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:14
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5190MHz by 802.11ax-HE40	

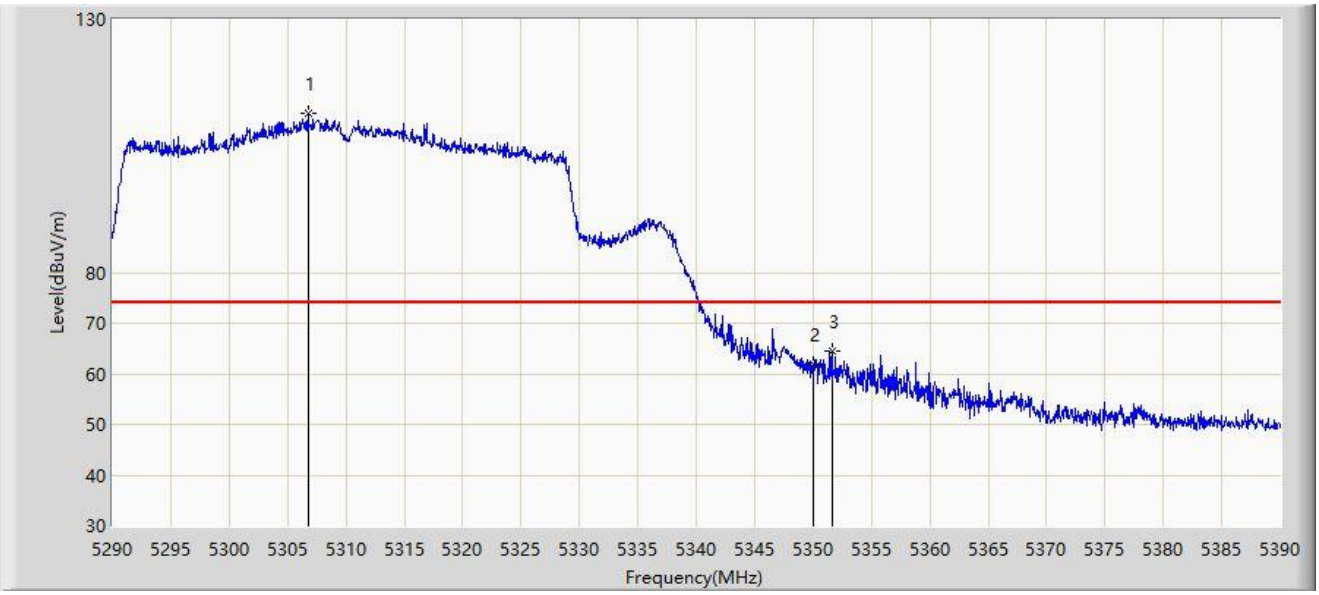


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.500	52.817	55.922	-1.183	54.000	-3.104	AV
2			5150.000	51.765	54.750	-2.235	54.000	-2.986	AV
3		*	5182.250	99.242	59.878	N/A	N/A	39.364	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:57
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5310MHz by 802.11ax-HE40	

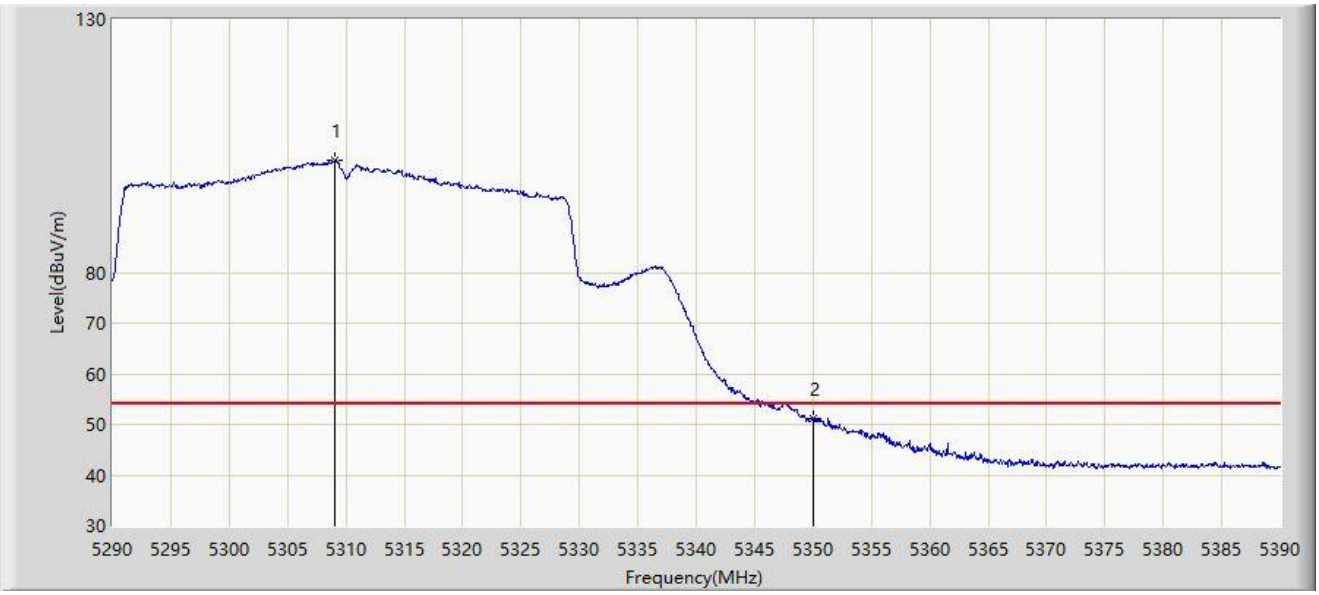


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5306.750	111.531	72.485	N/A	N/A	39.046	PK
2			5350.000	61.782	63.203	-12.218	74.000	-1.421	PK
3			5351.650	64.422	66.624	-9.578	74.000	-2.202	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:54
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5310MHz by 802.11ax-HE40	

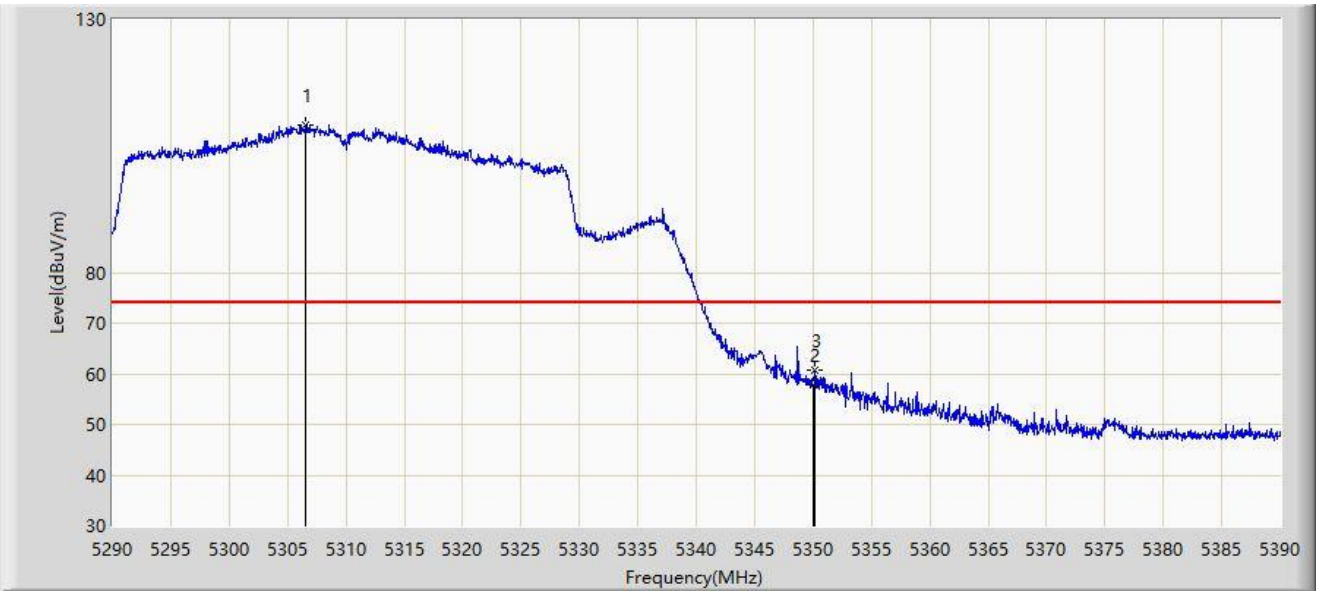


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5309.050	102.231	61.323	N/A	N/A	40.908	AV
2			5350.000	51.112	52.533	-2.888	54.000	-1.421	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:57
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5310MHz by 802.11ax-HE40	

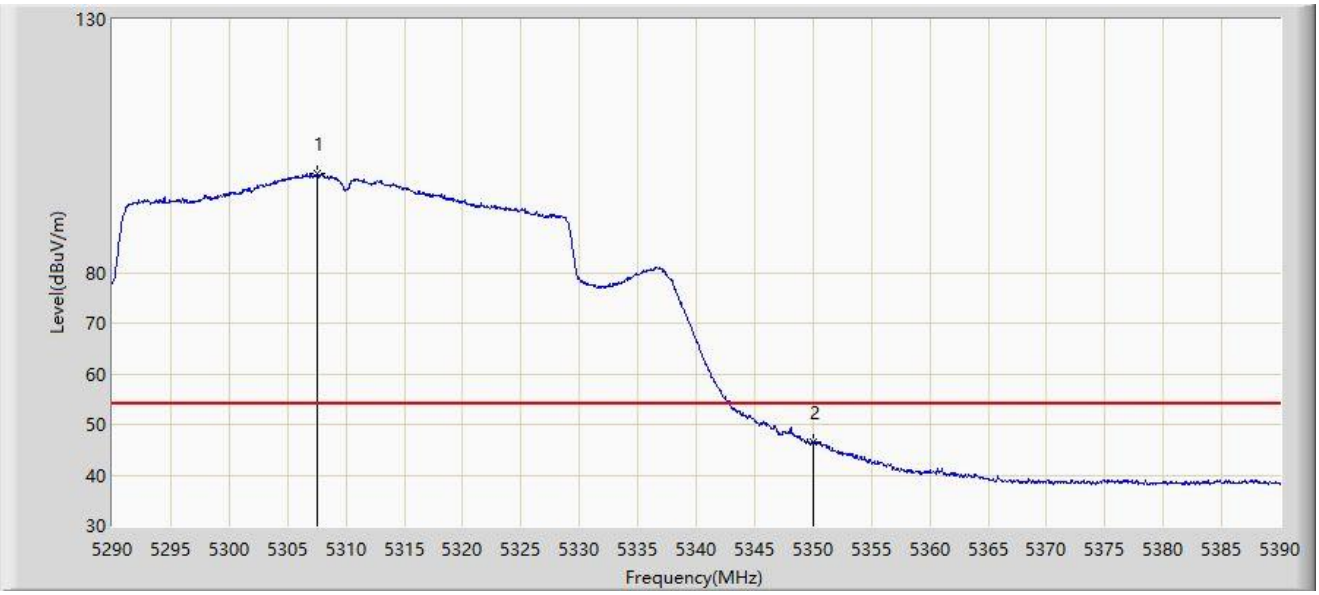


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5306.600	109.263	70.299	N/A	N/A	38.963	PK
2			5350.000	57.692	59.113	-16.308	74.000	-1.421	PK
3			5350.200	60.689	62.217	-13.311	74.000	-1.528	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 22:59
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5310MHz by 802.11ax-HE40	

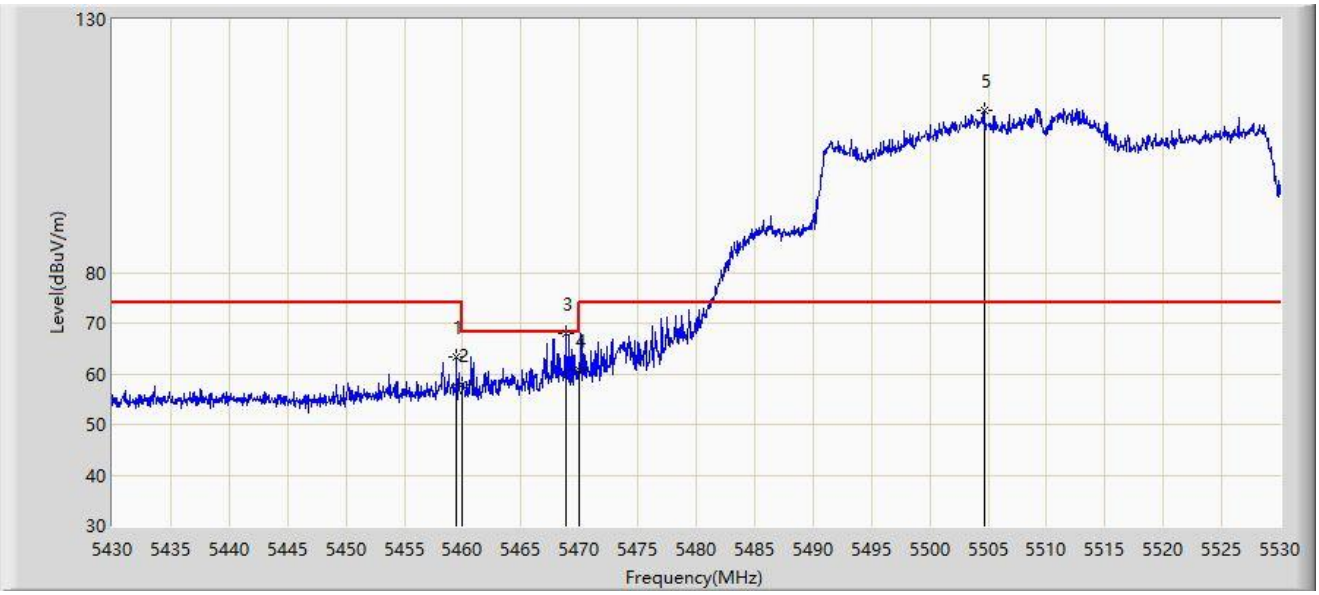


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5307.550	99.424	59.876	N/A	N/A	39.548	AV
2			5350.000	46.437	47.858	-7.563	54.000	-1.421	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:13
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5510MHz by 802.11ax-HE40	

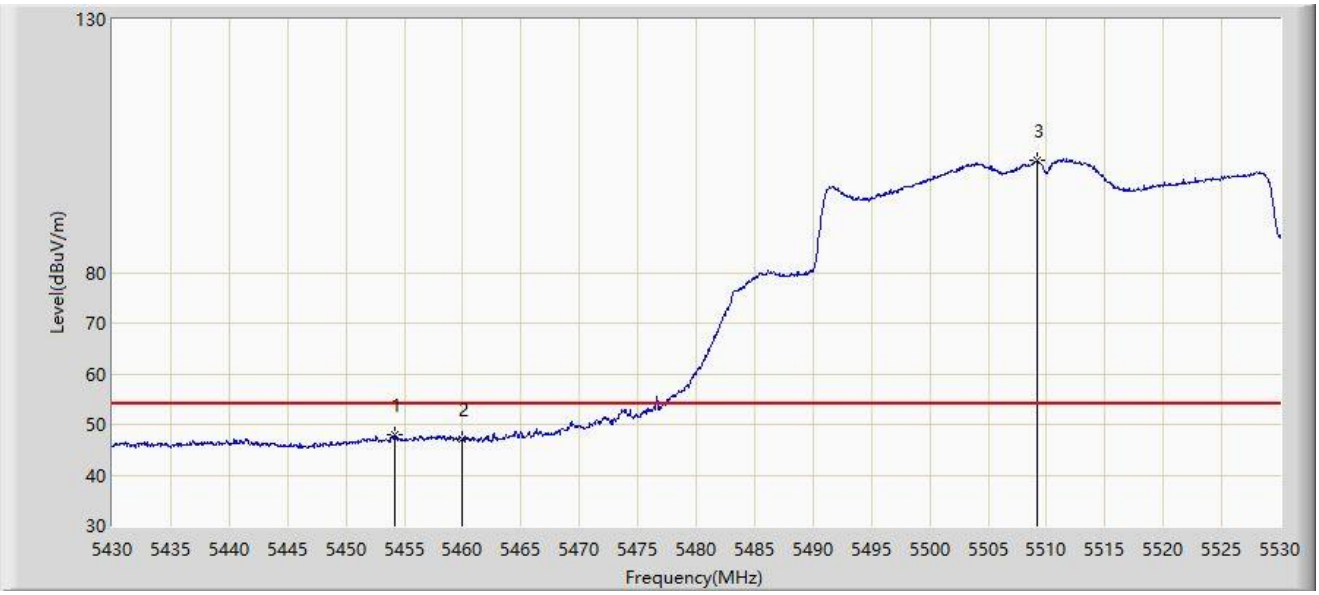


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.500	63.228	66.960	-10.772	74.000	-3.731	PK
2			5460.000	57.879	61.544	-16.121	74.000	-3.665	PK
3			5468.850	67.846	70.171	-0.354	68.200	-2.324	PK
4			5470.000	60.618	62.540	-7.582	68.200	-1.922	PK
5		*	5504.650	112.148	68.407	N/A	N/A	43.742	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:14
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5510MHz by 802.11ax-HE40	

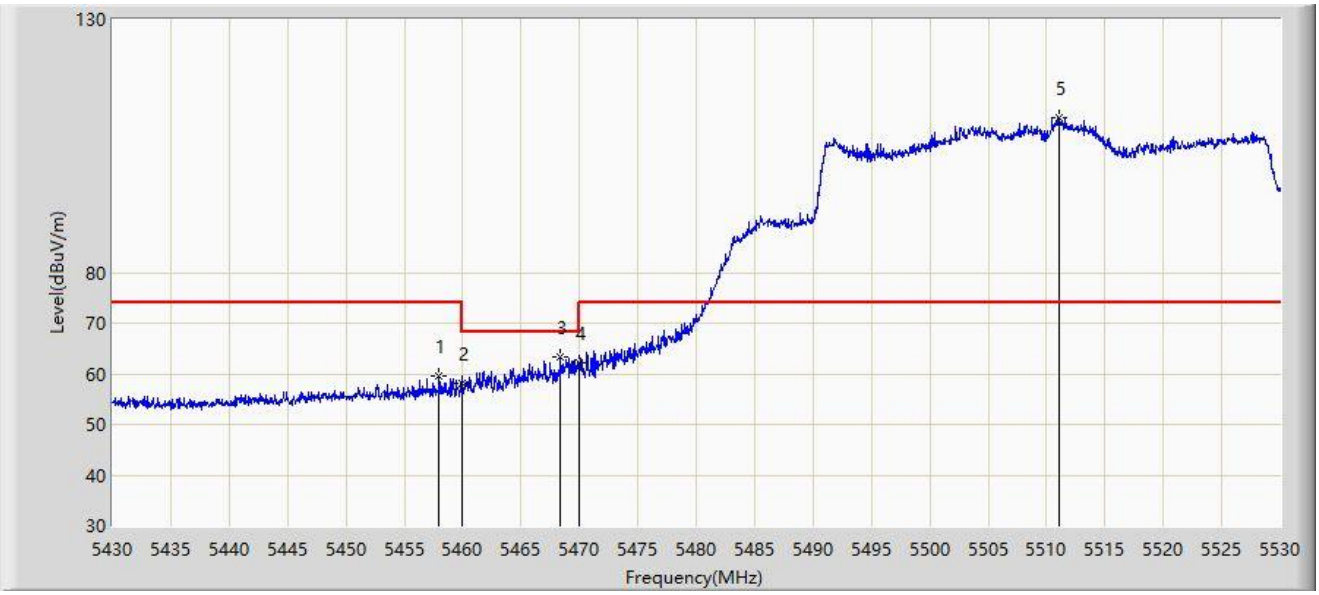


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5454.200	47.887	51.954	-6.113	54.000	-4.067	AV
2			5460.000	47.043	50.708	-6.957	54.000	-3.665	AV
3		*	5509.200	102.306	63.349	N/A	N/A	38.957	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:15
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5510MHz by 802.11ax-HE40	

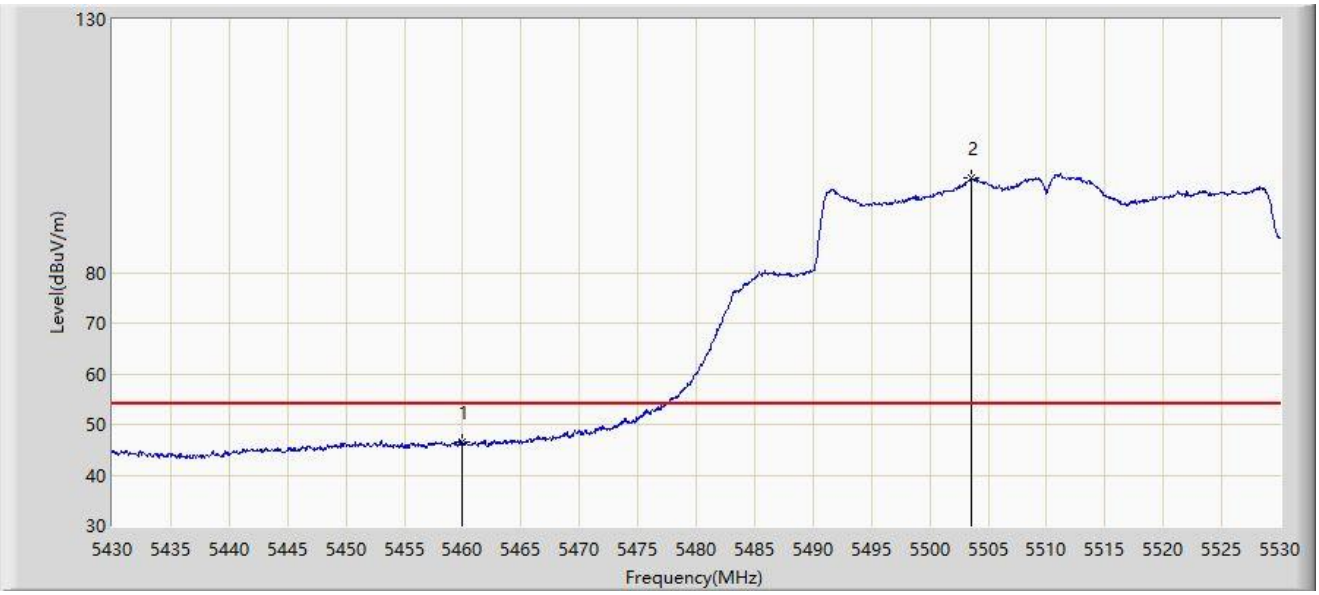


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5458.000	59.465	63.292	-14.535	74.000	-3.826	PK
2			5460.000	58.056	61.721	-15.944	74.000	-3.665	PK
3			5468.400	63.378	65.804	-4.822	68.200	-2.426	PK
4			5470.000	62.248	64.170	-5.952	68.200	-1.922	PK
5		*	5511.050	110.711	71.365	N/A	N/A	39.347	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:18
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5510MHz by 802.11ax-HE40	

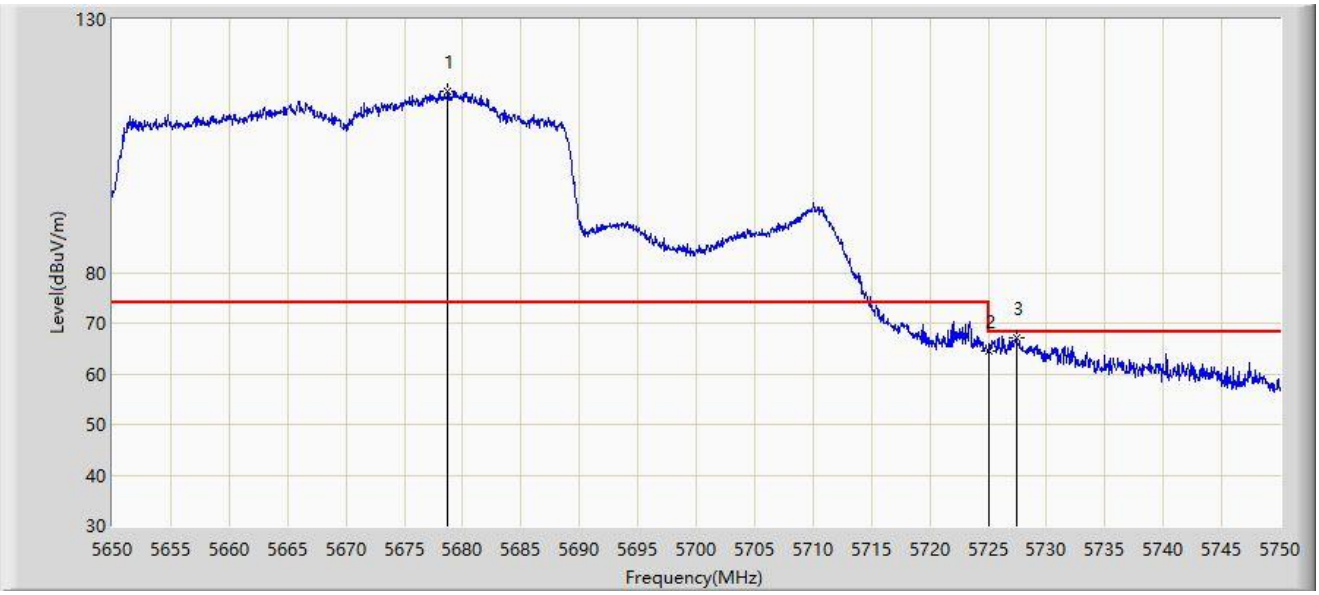


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	46.512	50.177	-7.488	54.000	-3.665	AV
2		*	5503.550	98.831	56.043	N/A	N/A	42.788	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:26
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5670MHz by 802.11ax-HE40	

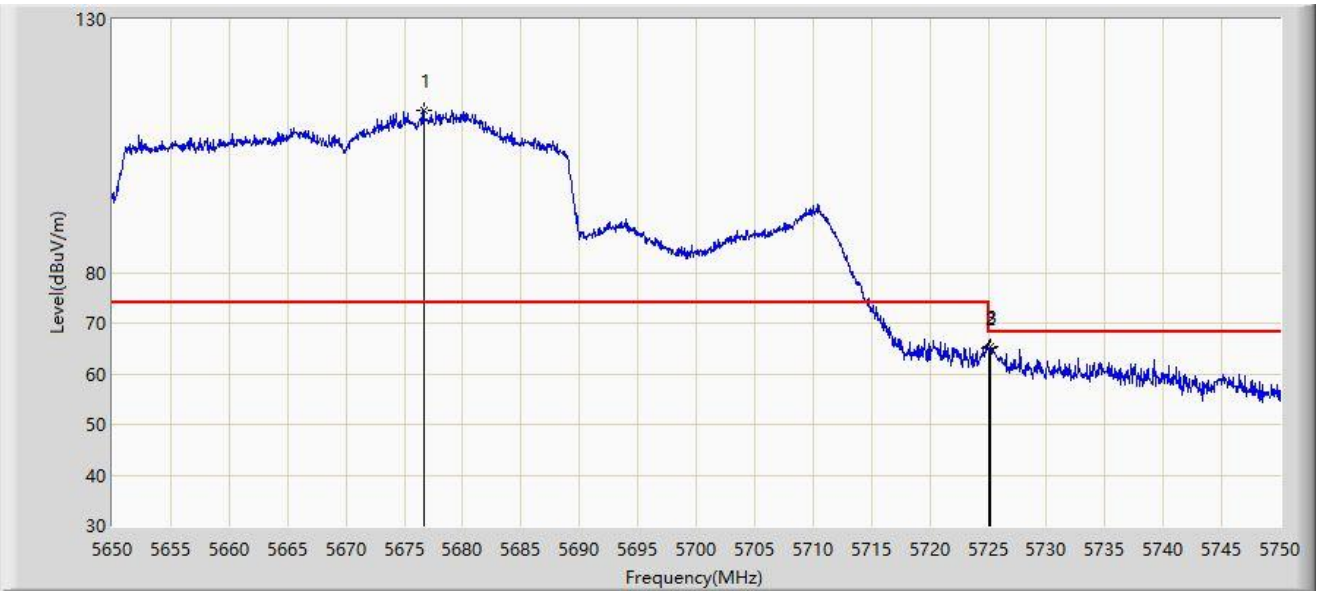


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5678.750	115.923	74.628	N/A	N/A	41.296	PK
2			5725.000	64.543	66.163	-3.657	68.200	-1.621	PK
3			5727.450	67.184	69.904	-1.016	68.200	-2.720	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:31
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5670MHz by 802.11ax-HE40	

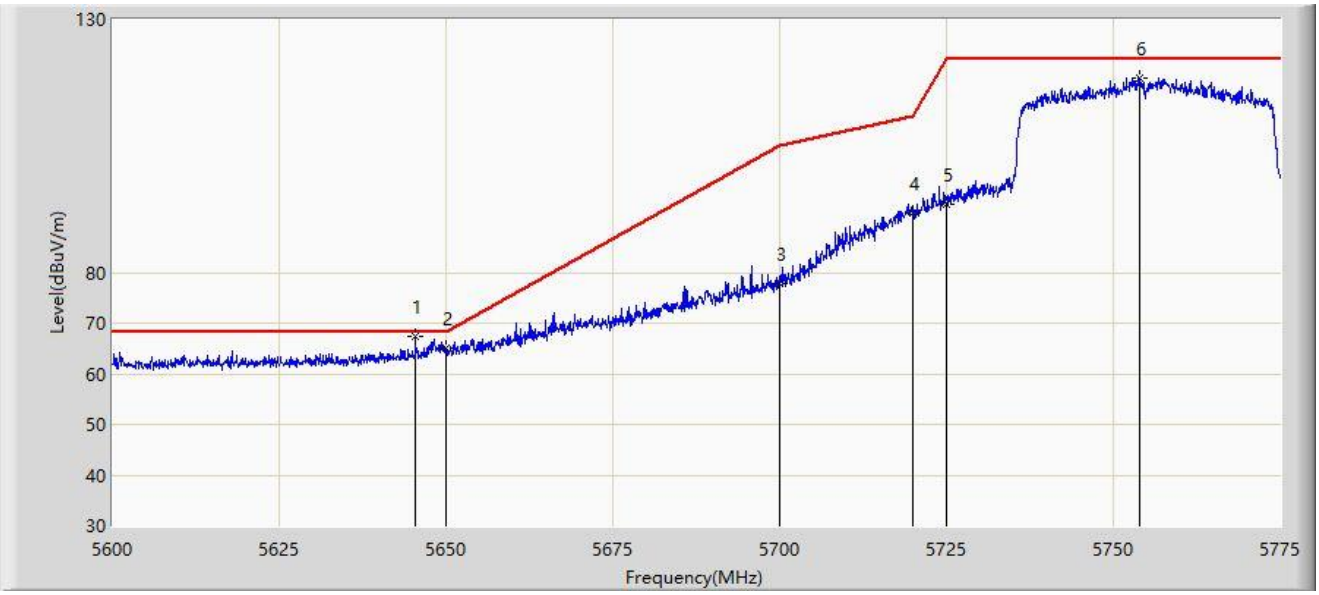


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5676.700	112.143	73.198	N/A	N/A	38.946	PK
2			5725.000	65.106	66.726	-3.094	68.200	-1.621	PK
3			5725.150	65.434	67.138	-2.766	68.200	-1.705	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:47
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5755MHz by 802.11ax-HE40	

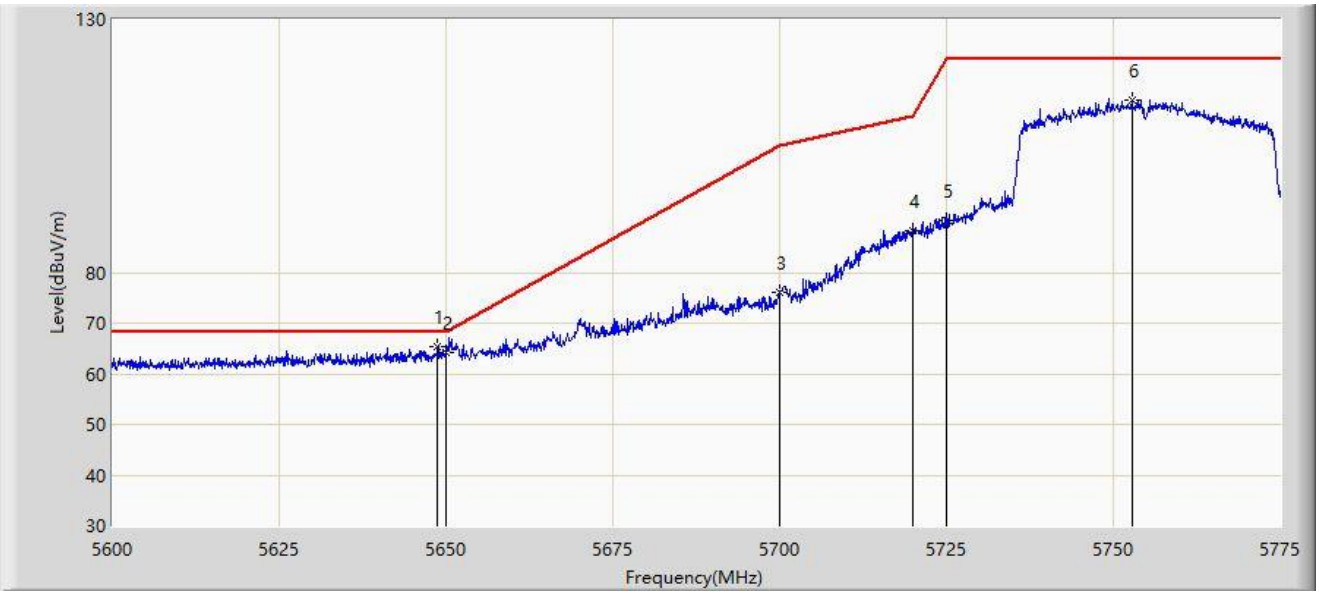


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5645.413	67.504	75.625	-0.696	68.200	-8.121	PK
2			5650.000	64.997	73.113	-3.203	68.200	-8.116	PK
3			5700.000	77.716	85.631	-27.484	105.200	-7.915	PK
4			5720.000	91.711	99.730	-19.089	110.800	-8.020	PK
5			5725.000	93.620	101.626	-28.580	122.200	-8.007	PK
6			5754.000	118.473	126.624	N/A	N/A	-8.151	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:48
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5755MHz by 802.11ax-HE40	

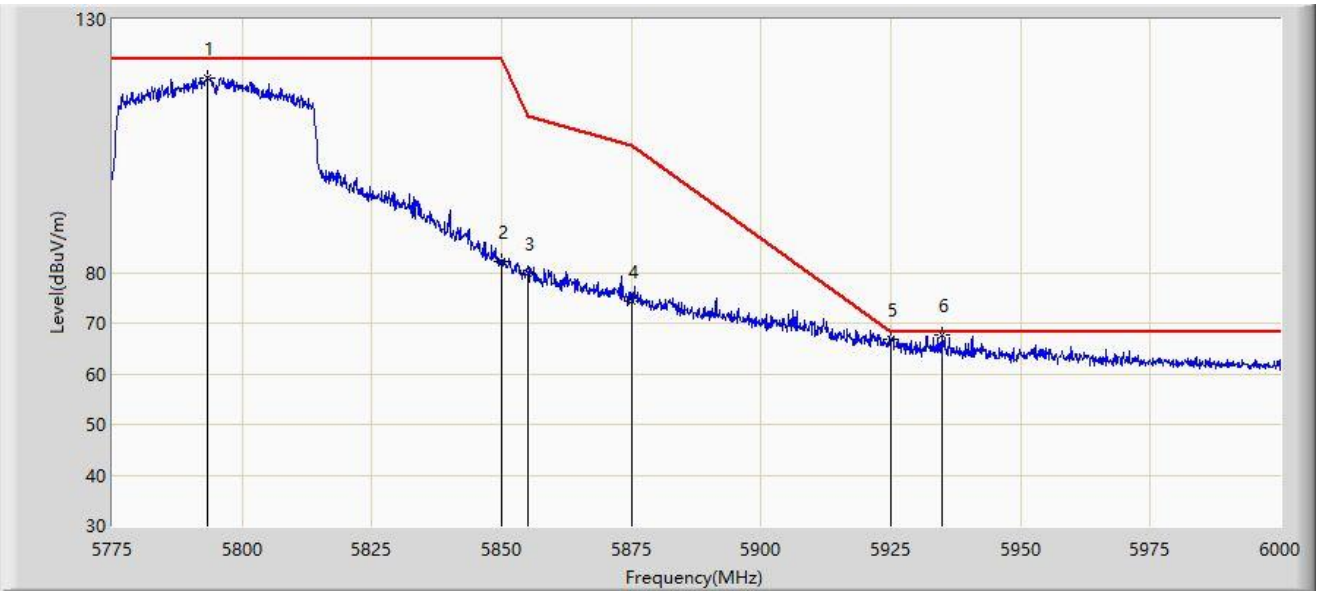


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5648.737	65.481	73.599	-2.719	68.200	-8.118	PK
2			5650.000	64.346	72.462	-3.854	68.200	-8.116	PK
3			5700.000	76.222	84.137	-28.978	105.200	-7.915	PK
4			5720.000	88.292	96.311	-22.508	110.800	-8.020	PK
5			5725.000	90.203	98.209	-31.997	122.200	-8.007	PK
6			5752.775	114.096	122.235	N/A	N/A	-8.139	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:54
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5795MHz by 802.11ax-HE40	

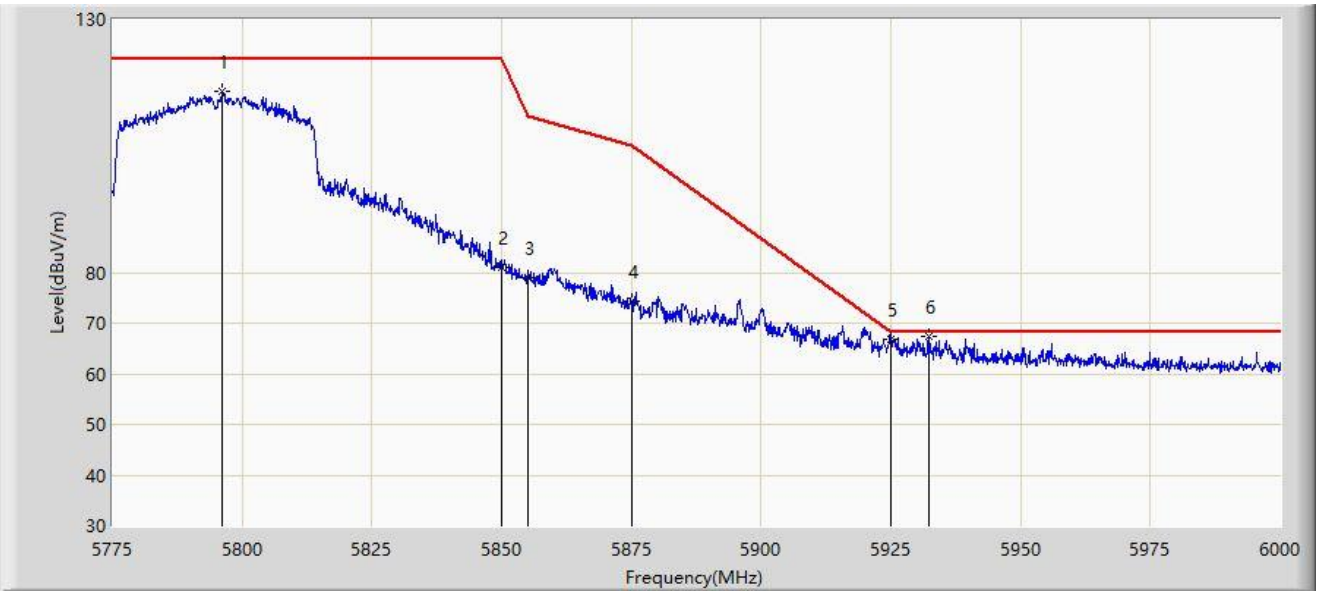


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5793.337	118.451	126.295	N/A	N/A	-7.844	PK
2			5850.000	82.282	90.208	-39.918	122.200	-7.925	PK
3			5855.000	79.855	87.792	-30.945	110.800	-7.937	PK
4			5875.000	74.203	82.149	-30.997	105.200	-7.946	PK
5			5925.000	66.871	74.943	-1.329	68.200	-8.073	PK
6		*	5934.975	67.788	75.822	-0.412	68.200	-8.034	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/12 - 23:55
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5795MHz by 802.11ax-HE40	

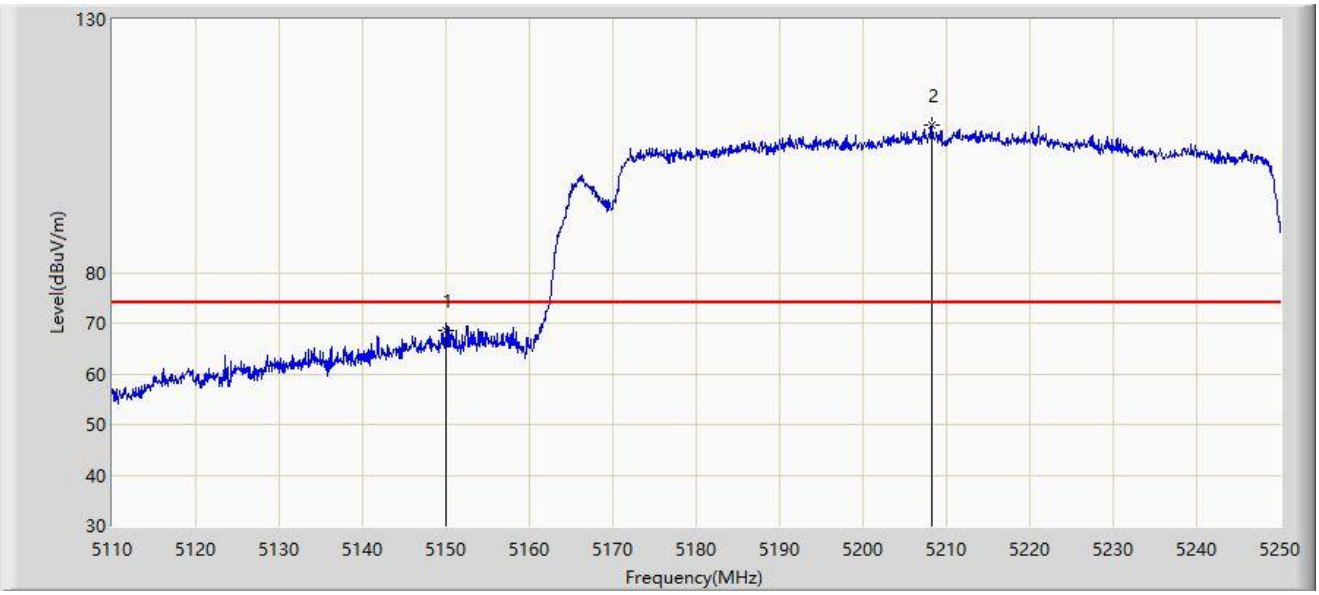


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5796.150	115.878	123.721	N/A	N/A	-7.844	PK
2			5850.000	80.975	88.901	-41.225	122.200	-7.925	PK
3			5855.000	78.862	86.799	-31.938	110.800	-7.937	PK
4			5875.000	74.443	82.389	-30.757	105.200	-7.946	PK
5			5925.000	66.777	74.849	-1.423	68.200	-8.073	PK
6		*	5932.388	67.489	75.585	-0.711	68.200	-8.096	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 17:33
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5210MHz by 802.11ax-HE80	

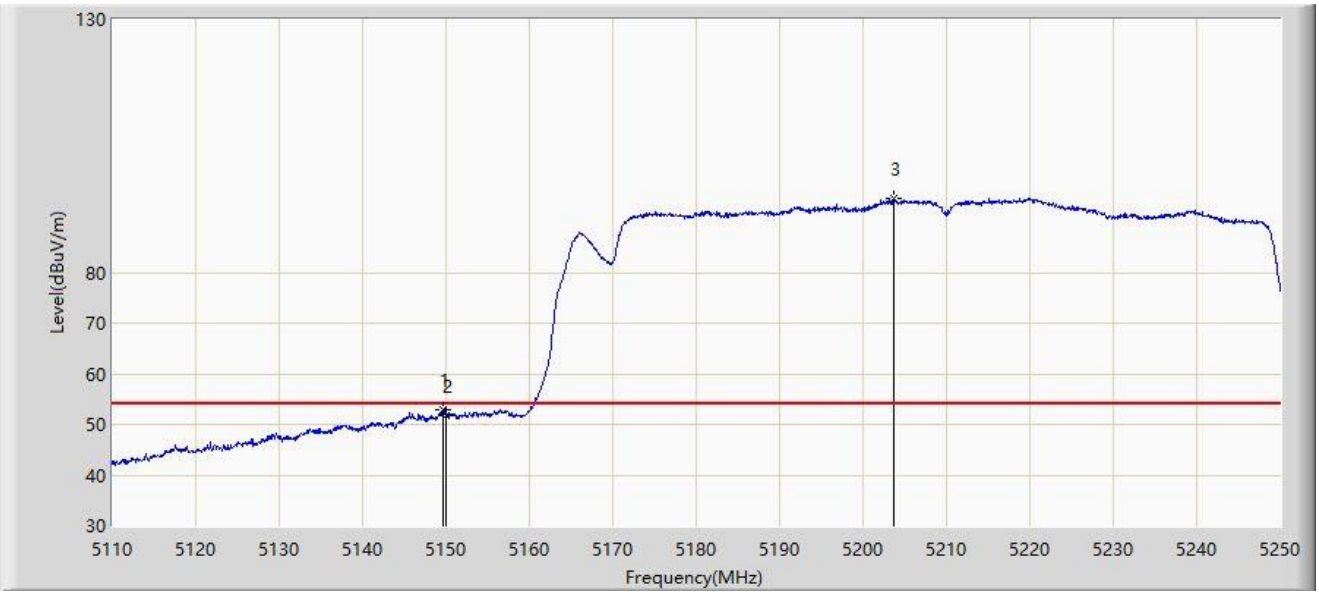


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	68.596	71.581	-5.404	74.000	-2.986	PK
2		*	5208.280	109.115	73.017	N/A	N/A	36.098	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 17:27
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5210MHz by 802.11ax-HE80	

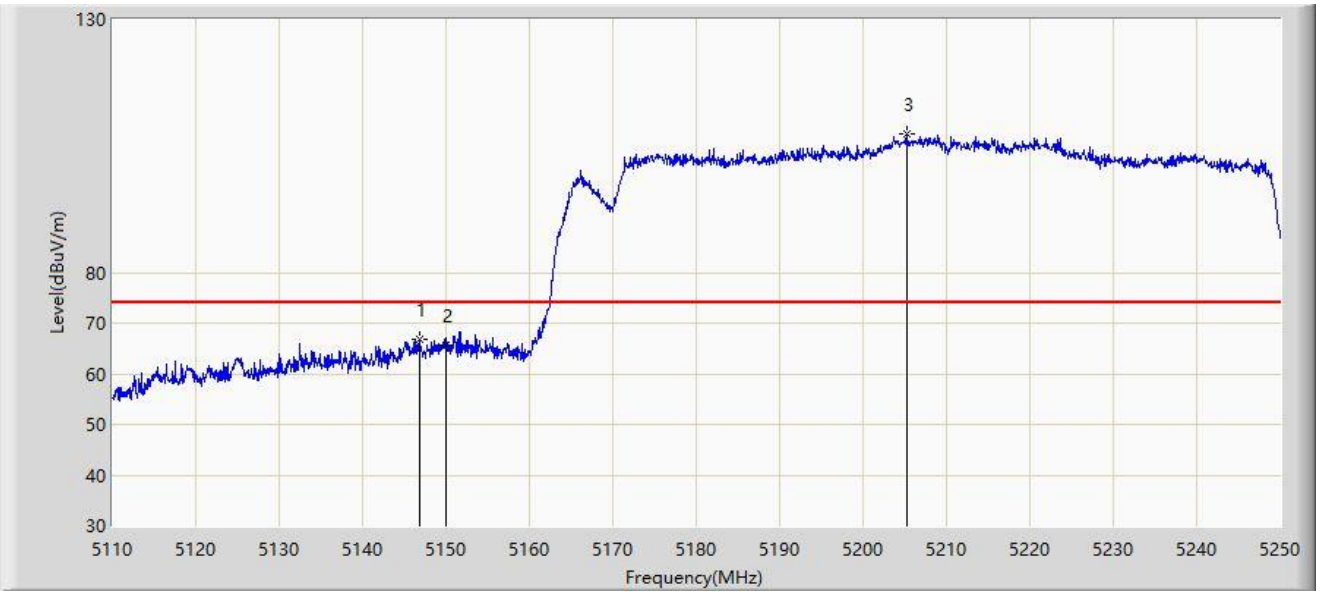


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.620	52.918	56.001	-1.082	54.000	-3.083	AV
2			5150.000	51.793	54.778	-2.207	54.000	-2.986	AV
3		*	5203.730	94.534	51.845	N/A	N/A	42.689	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 17:18
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5210MHz by 802.11ax-HE80	

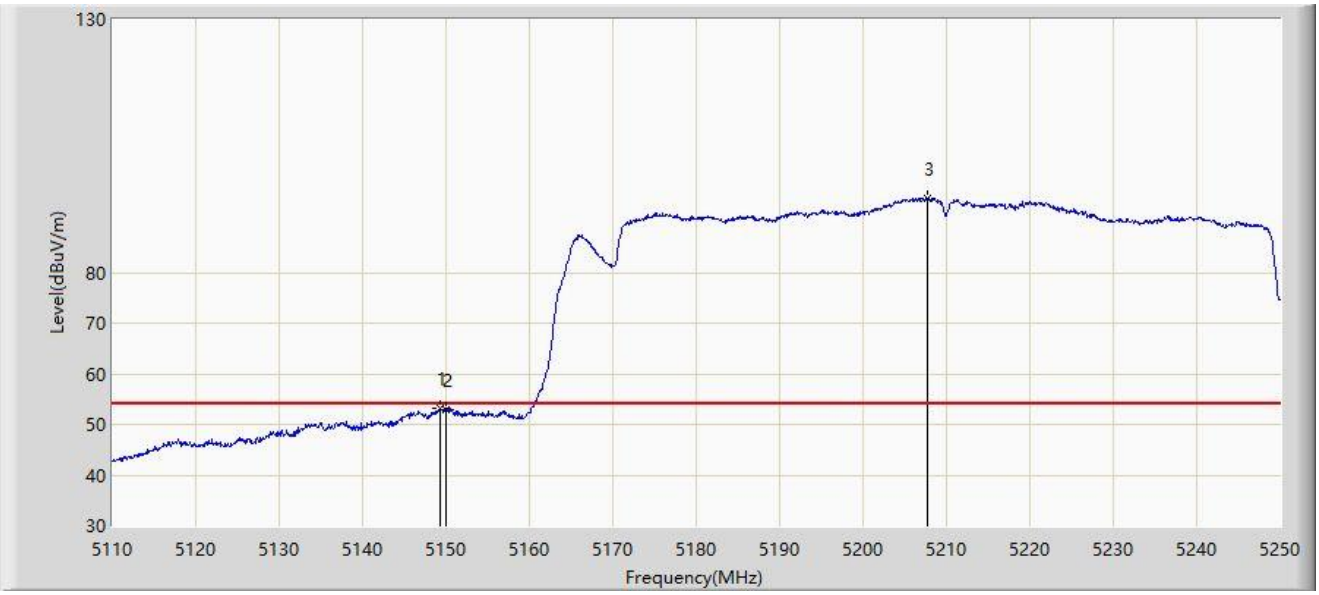


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5146.820	66.716	70.330	-7.284	74.000	-3.613	PK
2			5150.000	65.567	68.552	-8.433	74.000	-2.986	PK
3		*	5205.200	107.292	66.832	N/A	N/A	40.460	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 17:14
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5210MHz by 802.11ax-HE80	

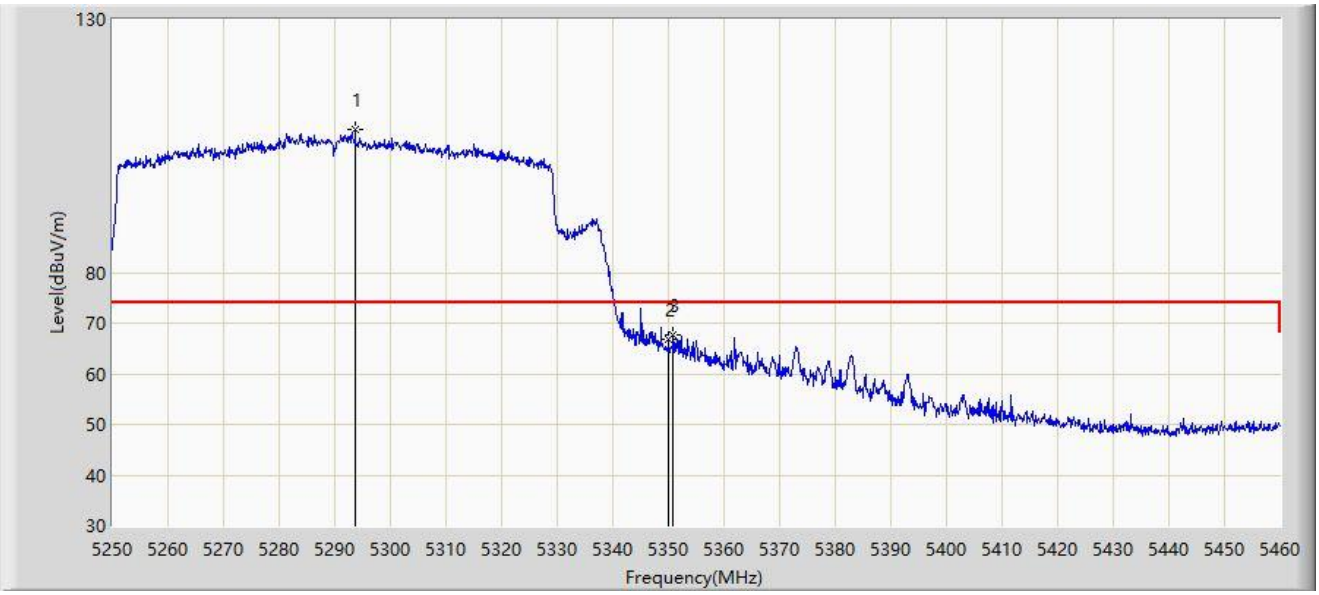


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.225	53.117	56.271	-0.883	54.000	-3.154	AV
2			5150.000	52.929	55.914	-1.071	54.000	-2.986	AV
3		*	5207.650	94.547	57.784	N/A	N/A	36.763	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:55
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5290MHz by 802.11ax-HE80	

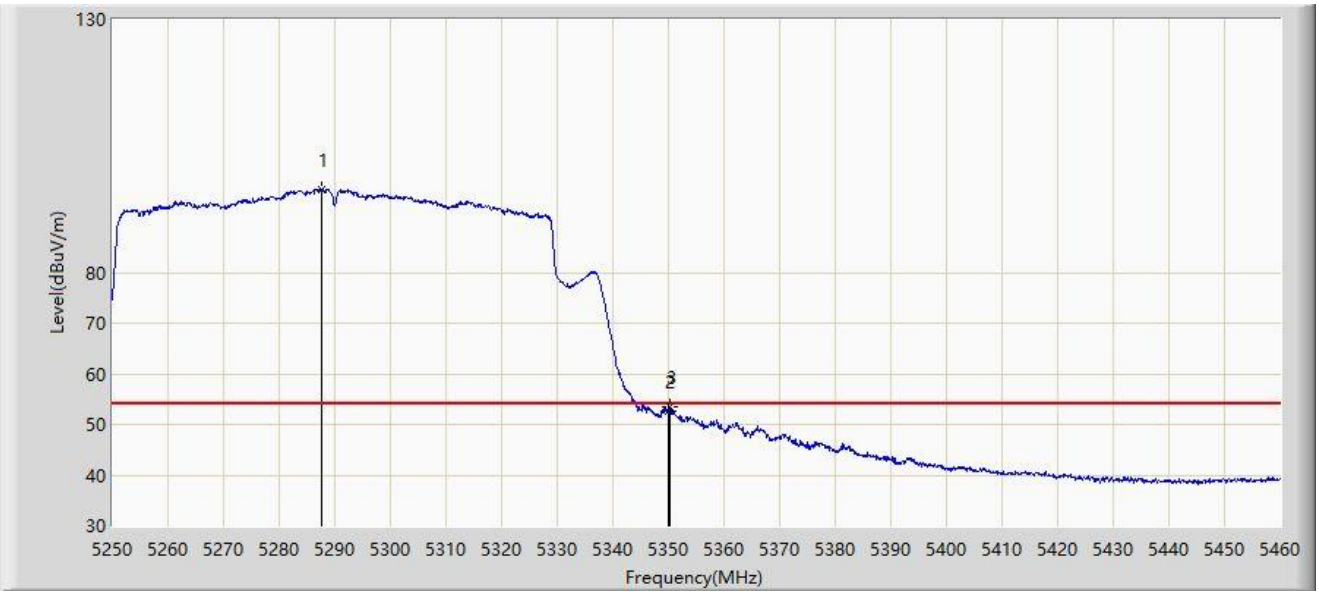


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5293.680	108.199	69.250	N/A	N/A	38.948	PK
2			5350.000	66.673	68.094	-7.327	74.000	-1.421	PK
3			5350.770	67.546	69.365	-6.454	74.000	-1.820	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:50
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5290MHz by 802.11ax-HE80	

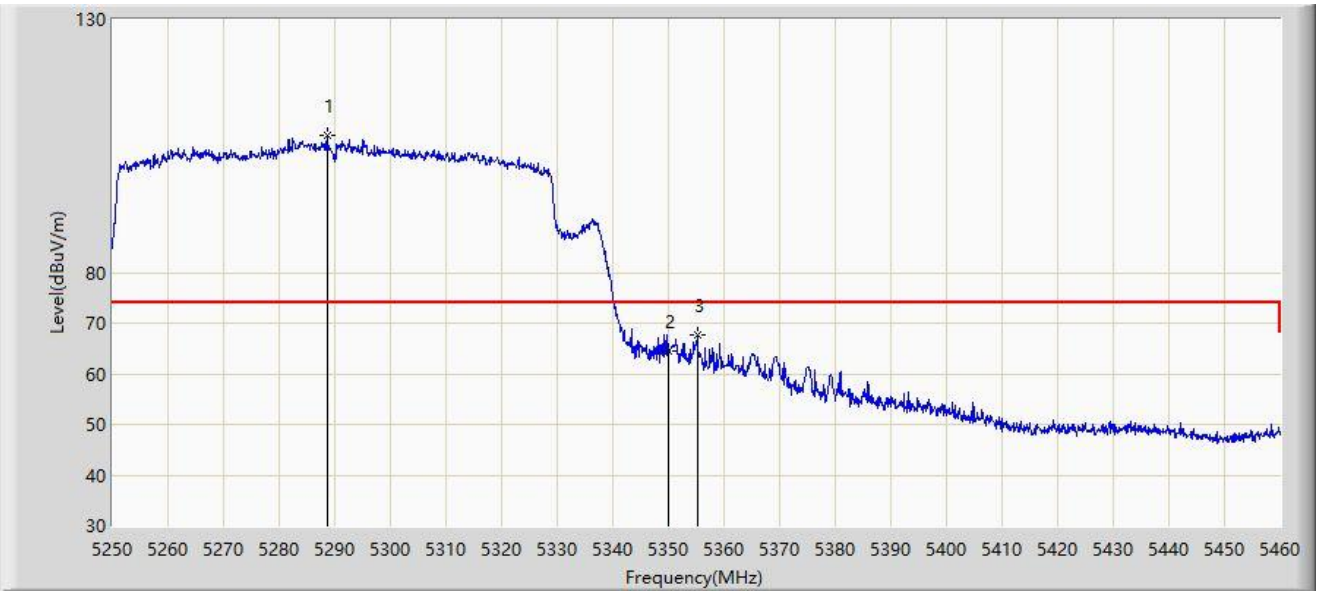


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5287.520	96.418	56.320	N/A	N/A	40.098	AV
2			5350.000	52.539	53.960	-1.461	54.000	-1.421	AV
3			5350.330	53.623	55.220	-0.377	54.000	-1.597	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:48
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5290MHz by 802.11ax-HE80	

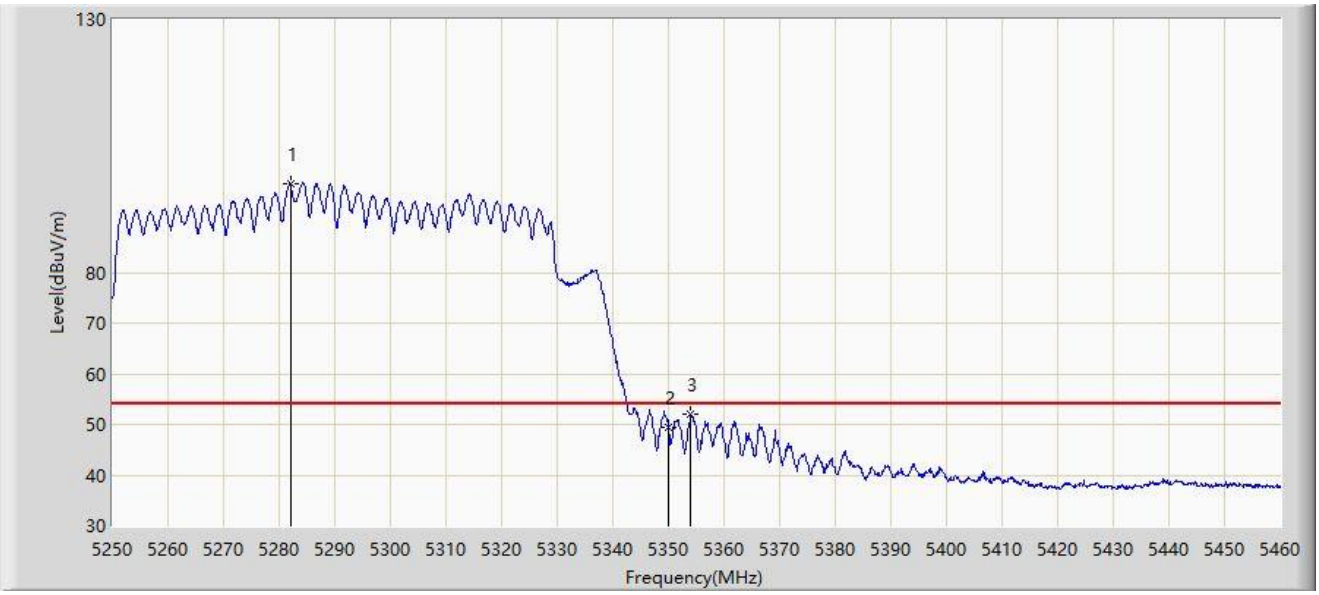


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5288.620	107.082	67.688	N/A	N/A	39.395	PK
2			5350.000	64.502	65.923	-9.498	74.000	-1.421	PK
3			5355.170	67.594	70.822	-6.406	74.000	-3.228	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:46
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5290MHz by 802.11ax-HE80	

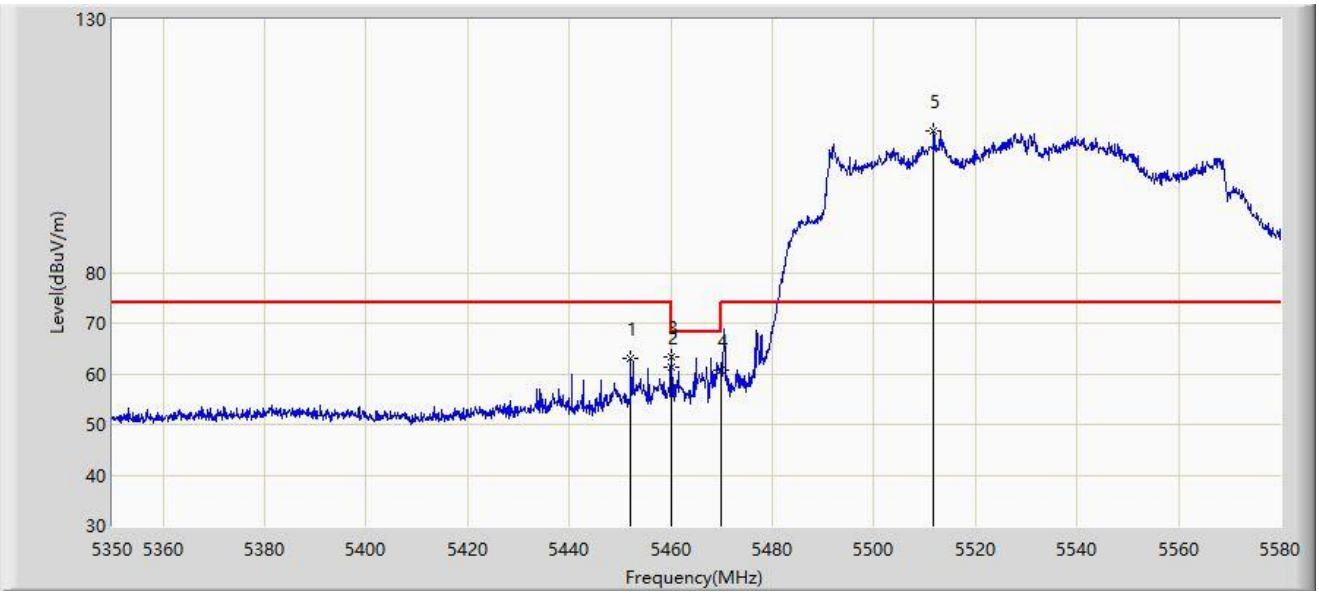


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5282.025	97.593	51.207	N/A	N/A	46.387	AV
2			5350.000	49.345	50.766	-4.655	54.000	-1.421	AV
3			5354.055	52.078	55.080	-1.922	54.000	-3.002	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:10
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5530MHz by 802.11ax-HE80	

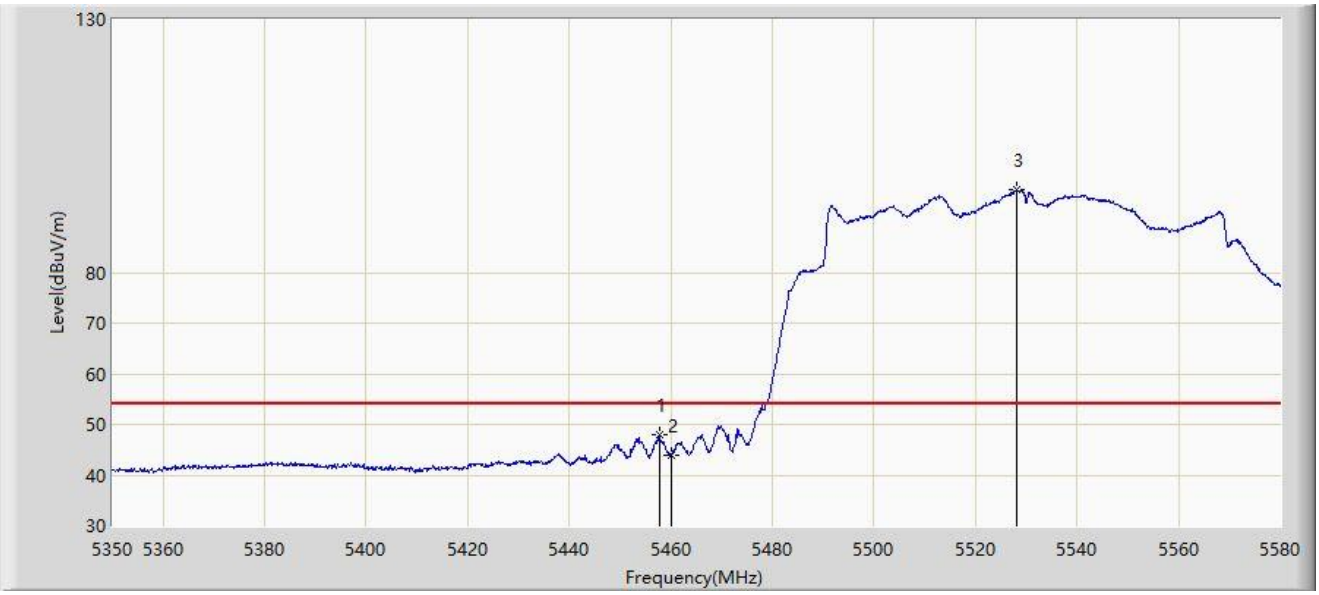


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5452.005	62.929	67.122	-11.071	74.000	-4.192	PK
2			5460.000	61.359	65.024	-12.641	74.000	-3.665	PK
3			5460.055	63.394	67.064	-4.806	68.200	-3.670	PK
4			5470.000	60.733	62.655	-7.467	68.200	-1.922	PK
5		*	5511.805	108.037	68.291	N/A	N/A	39.746	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:14
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5530MHz by 802.11ax-HE80	

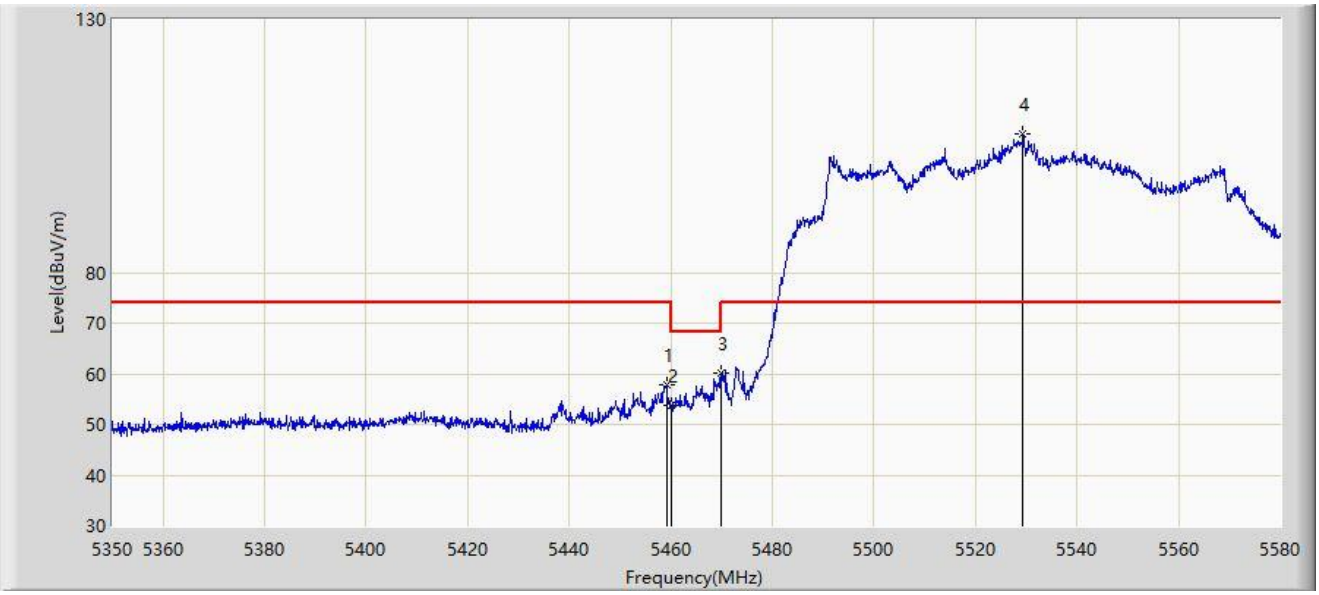


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5457.755	48.089	51.962	-5.911	54.000	-3.873	AV
2			5460.000	43.869	47.534	-10.131	54.000	-3.665	AV
3		*	5528.135	96.365	51.688	N/A	N/A	44.677	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:20
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5530MHz by 802.11ax-HE80	

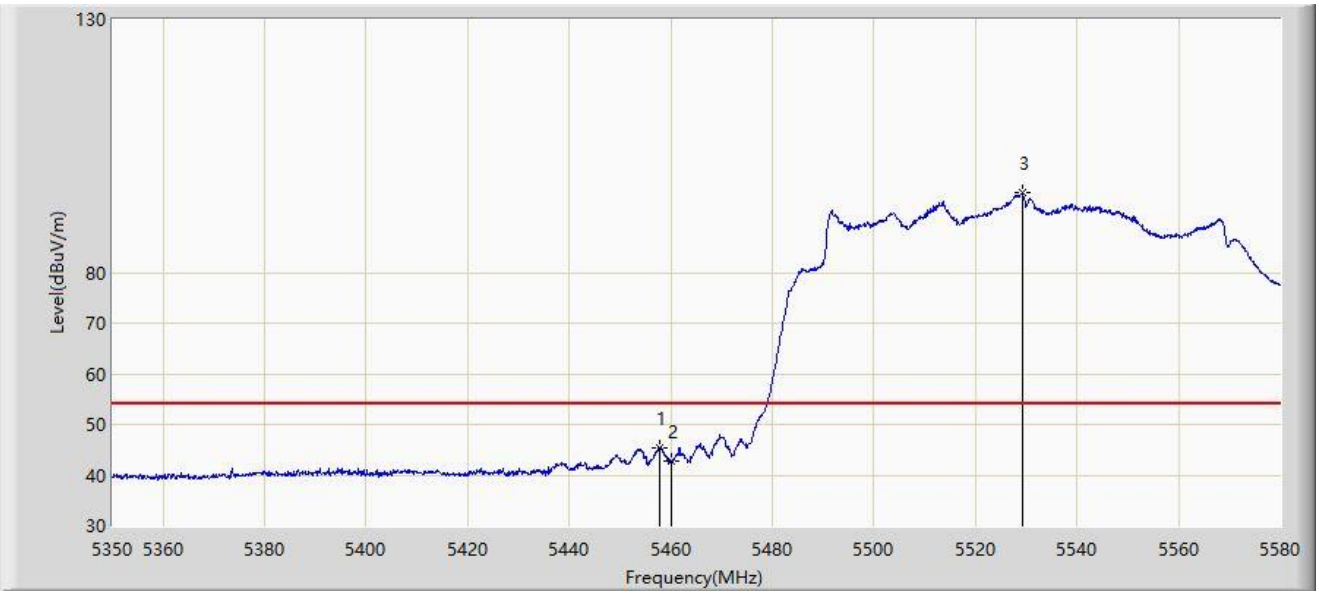


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.135	57.838	61.608	-16.162	74.000	-3.771	PK
2			5460.000	53.794	57.459	-20.206	74.000	-3.665	PK
3			5470.000	60.096	62.018	-8.104	68.200	-1.922	PK
4		*	5529.400	107.378	60.380	N/A	N/A	46.998	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 16:16
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5530MHz by 802.11ax-HE80	

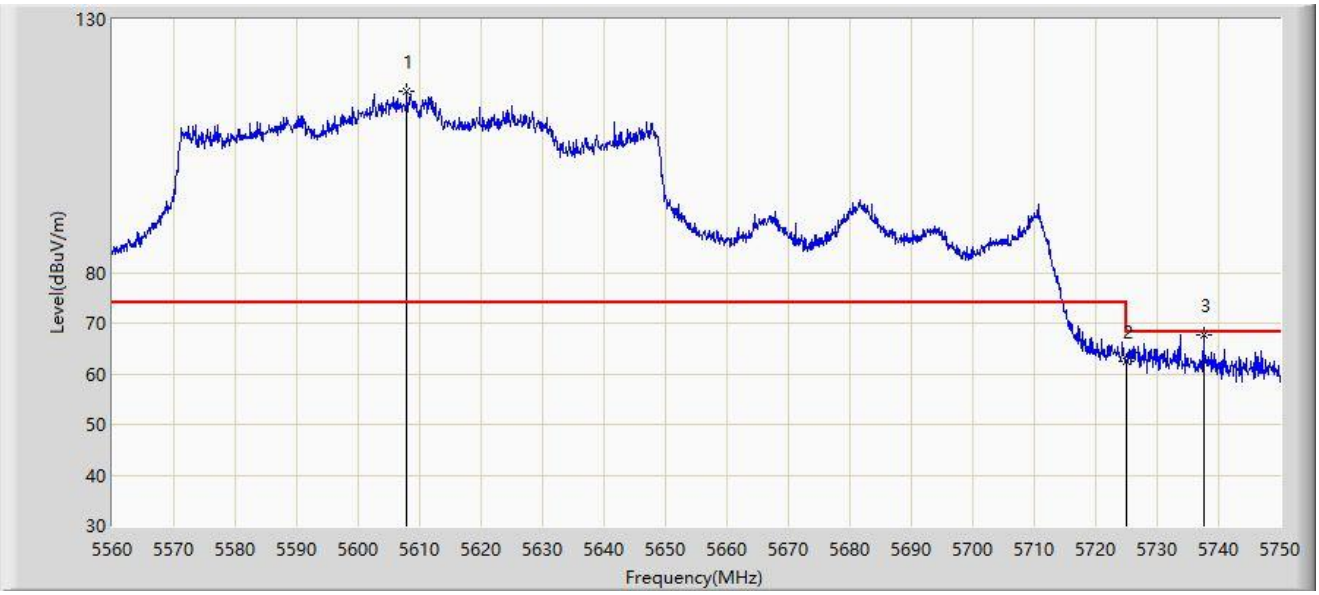


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5457.755	45.456	49.329	-8.544	54.000	-3.873	AV
2			5460.000	42.695	46.360	-11.305	54.000	-3.665	AV
3		*	5529.170	95.735	49.211	N/A	N/A	46.524	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 15:17
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5610MHz by 802.11ax-HE80	

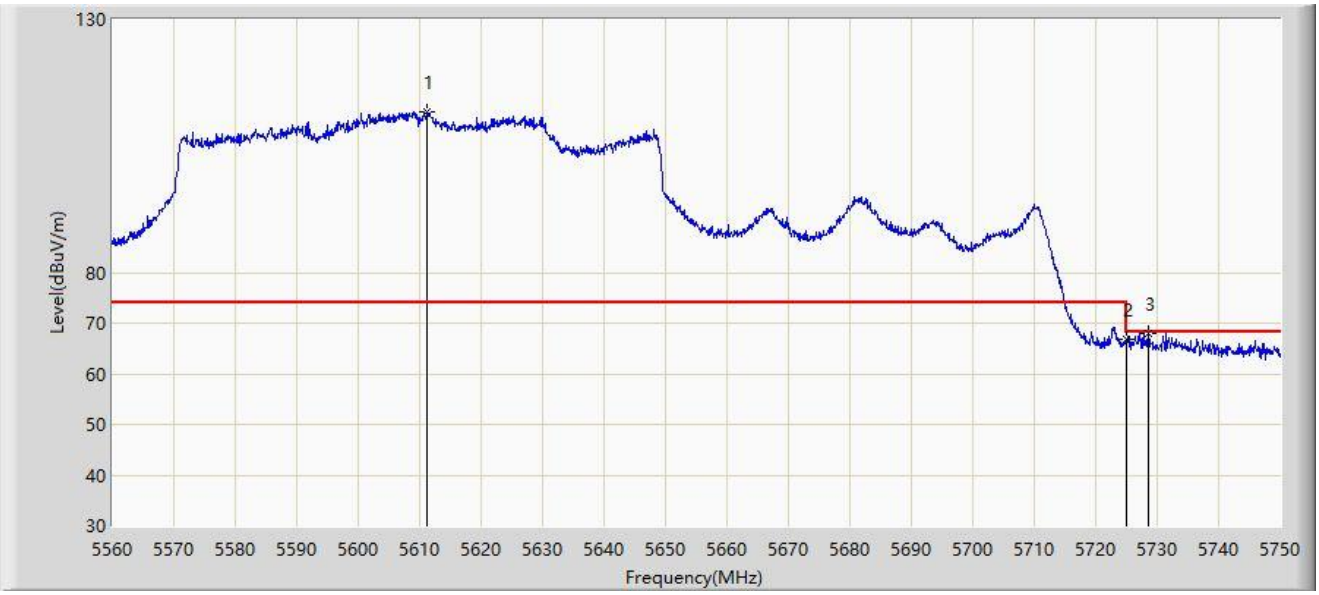


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5607.880	115.899	73.537	N/A	N/A	42.362	PK
2			5725.000	62.589	64.209	-5.611	68.200	-1.621	PK
3			5737.555	67.782	72.048	-0.418	68.200	-4.266	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 15:04
Limit: FCC_Part15_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5610MHz by 802.11ax-HE80	

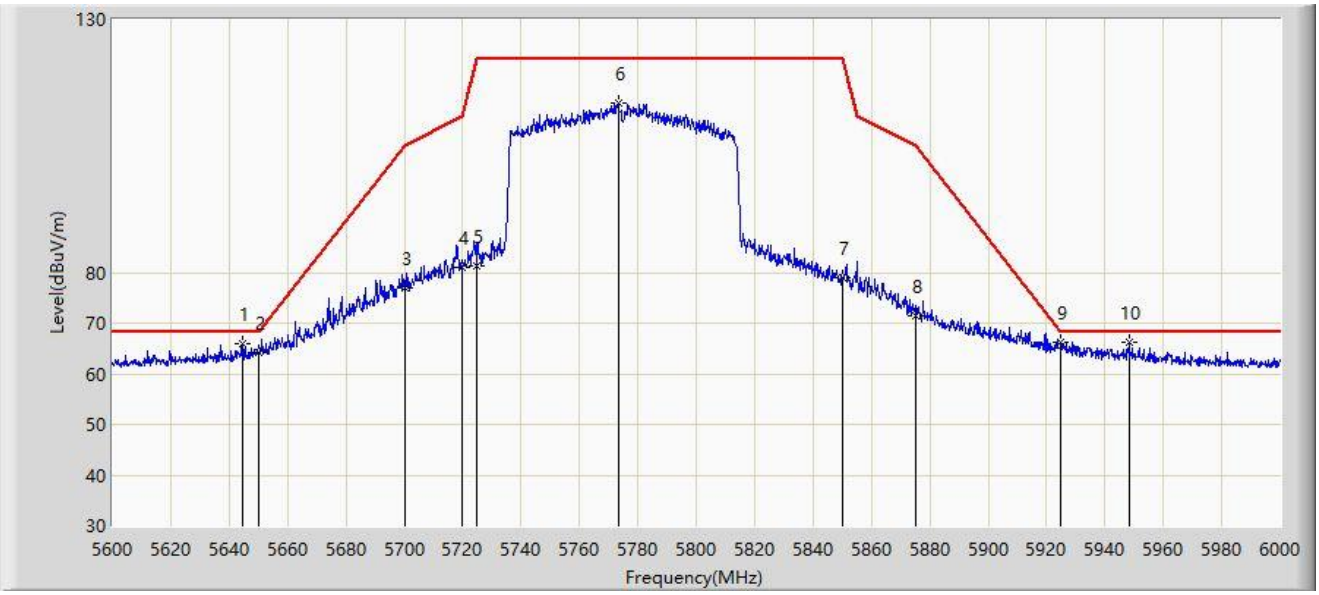


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5611.205	111.607	63.800	N/A	N/A	47.807	PK
2			5725.000	66.899	68.519	-1.301	68.200	-1.621	PK
3			5728.625	68.072	71.136	-0.128	68.200	-3.064	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 14:46
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5775MHz by 802.11ax-HE80	

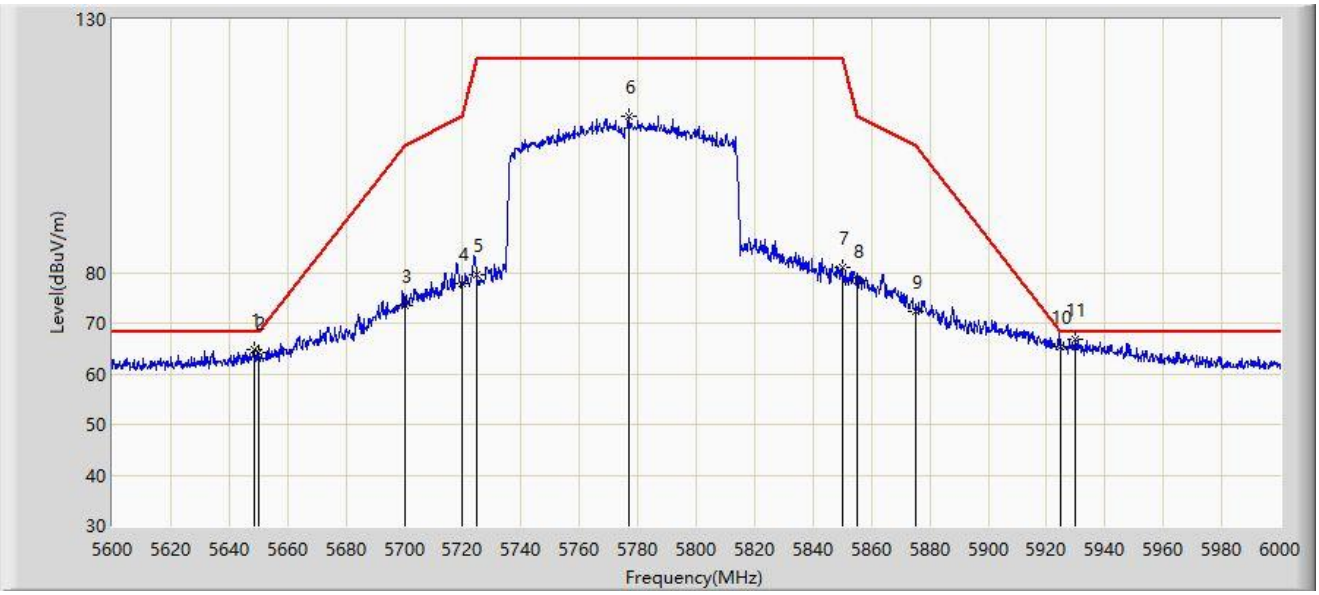


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5644.400	66.046	74.169	-2.154	68.200	-8.122	PK
2			5650.000	64.261	72.377	-3.939	68.200	-8.116	PK
3			5700.000	77.099	85.014	-28.101	105.200	-7.915	PK
4			5720.000	81.032	89.051	-29.768	110.800	-8.020	PK
5			5725.000	81.380	89.386	-40.820	122.200	-8.007	PK
6			5773.400	113.551	121.524	N/A	N/A	-7.972	PK
7			5850.000	78.964	86.890	-43.236	122.200	-7.925	PK
8			5875.000	71.465	79.411	-33.735	105.200	-7.946	PK
9			5925.000	66.098	74.170	-2.102	68.200	-8.073	PK
10		*	5948.400	66.198	73.959	-2.002	68.200	-7.760	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: SIP-AC3	Time: 2022/04/13 - 14:40
Limit: FCC_Part15.407_Band Edge(3m)	Engineer: Allen Zou
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit at 5775MHz by 802.11ax-HE80	



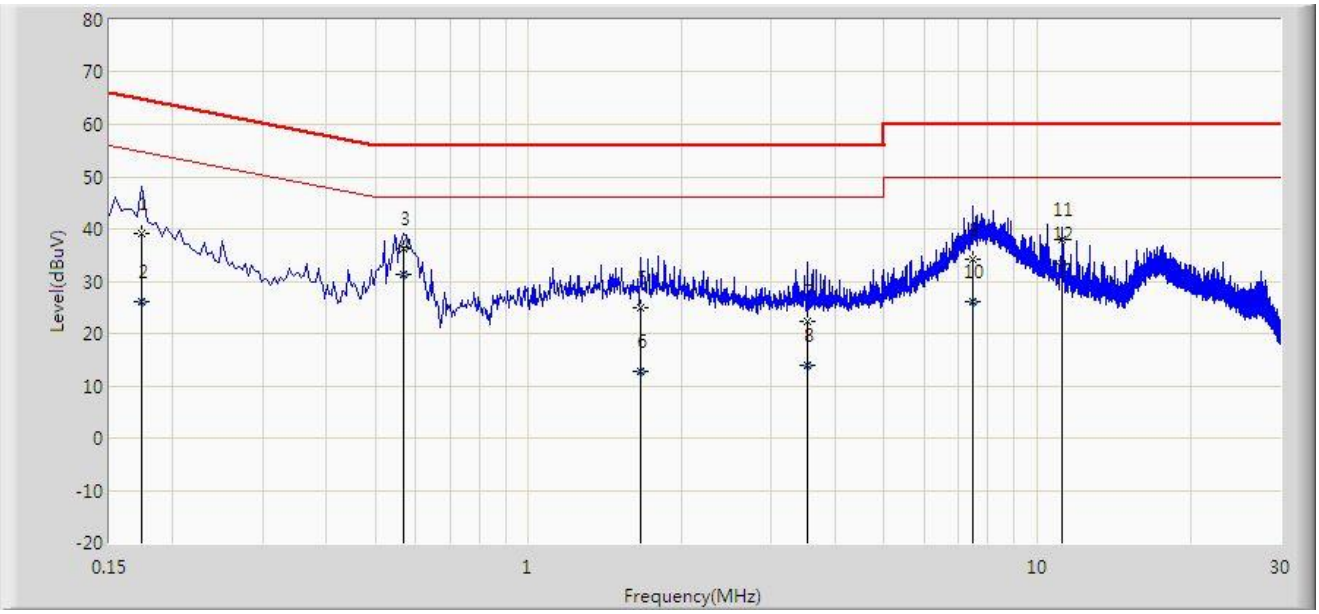
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5648.400	64.845	72.963	-3.355	68.200	-8.119	PK
2			5650.000	64.327	72.443	-3.873	68.200	-8.116	PK
3			5700.000	73.433	81.348	-31.767	105.200	-7.915	PK
4			5720.000	77.902	85.921	-32.898	110.800	-8.020	PK
5			5725.000	79.467	87.473	-42.733	122.200	-8.007	PK
6			5777.000	110.797	118.707	N/A	N/A	-7.910	PK
7			5850.000	81.137	89.063	-41.063	122.200	-7.925	PK
8			5855.000	78.483	86.420	-32.317	110.800	-7.937	PK
9			5875.000	72.312	80.258	-32.888	105.200	-7.946	PK
10			5925.000	65.314	73.386	-2.886	68.200	-8.073	PK
11		*	5929.600	66.928	75.075	-1.272	68.200	-8.146	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

A.9 AC Conducted Emissions Test Result

Site: SIP-SR2	Time: 2022/05/07 - 14:13
Limit: FCC_Part15.207_CE_AC Power	Engineer: Augleo Wang
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



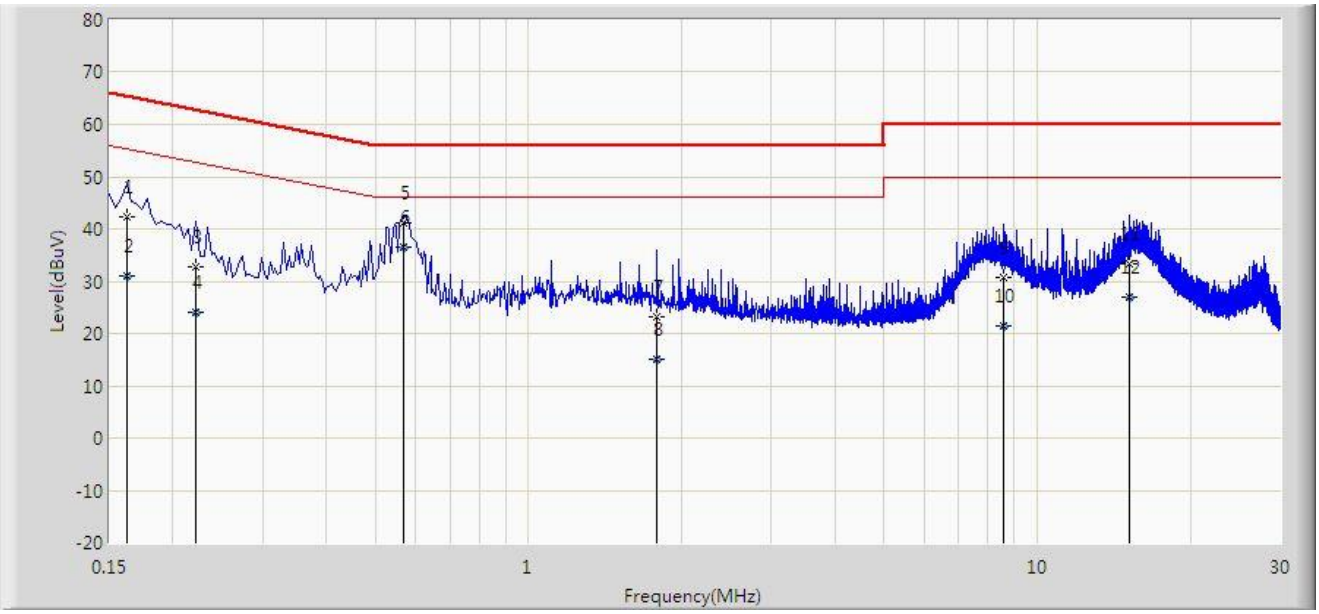
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.174	39.271	29.536	-25.496	64.767	9.735	QP
2			0.174	25.972	16.237	-28.795	54.767	9.735	AV
3			0.566	36.089	26.259	-19.911	56.000	9.831	QP
4		*	0.566	31.365	21.534	-14.635	46.000	9.831	AV
5			1.662	24.885	14.969	-31.115	56.000	9.916	QP
6			1.662	12.616	2.699	-33.384	46.000	9.916	AV
7			3.538	22.290	12.198	-33.710	56.000	10.092	QP
8			3.538	14.006	3.914	-31.994	46.000	10.092	AV
9			7.450	34.073	23.598	-25.927	60.000	10.474	QP
10			7.450	25.974	15.499	-24.026	50.000	10.474	AV
11			11.210	37.844	26.692	-22.156	60.000	11.152	QP
12			11.210	33.192	22.040	-16.808	50.000	11.152	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: SIP-SR2	Time: 2022/05/07 - 14:19
Limit: FCC_Part15.207_CE_AC Power	Engineer: Augleo Wang
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: Dual-Band Wireless AX1800 Gigabit Ethernet Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.162	42.319	32.582	-23.042	65.361	9.737	QP
2			0.162	30.942	21.205	-24.419	55.361	9.737	AV
3			0.222	32.672	22.893	-30.072	62.744	9.779	QP
4			0.222	24.142	14.363	-28.602	52.744	9.779	AV
5			0.566	41.052	31.229	-14.948	56.000	9.823	QP
6		*	0.566	36.645	26.822	-9.355	46.000	9.823	AV
7			1.790	23.228	13.310	-32.772	56.000	9.918	QP
8			1.790	15.193	5.276	-30.807	46.000	9.918	AV
9			8.586	30.678	20.016	-29.322	60.000	10.662	QP
10			8.586	21.425	10.764	-28.575	50.000	10.662	AV
11			15.118	33.200	21.225	-26.800	60.000	11.975	QP
12			15.118	26.963	14.988	-23.037	50.000	11.975	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 “2203RSU090-UT” file.

Appendix C – EUT Photograph

Refer to “2203RSU090-UE” file.

The End