Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE160 - Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8488.5	50.2	-3.6	46.6	74.0	-27.4	Peak	Horizontal
*	10001.5	49.3	-2.2	47.1	68.2	-21.1	Peak	Horizontal
	11863.0	50.3	-3.4	46.9	74.0	-27.1	Peak	Horizontal
*	14243.0	48.3	2.6	50.9	68.2	-17.3	Peak	Horizontal
	8208.0	50.0	-4.1	45.9	74.0	-28.1	Peak	Vertical
*	10154.5	49.0	-2.5	46.5	68.2	-21.7	Peak	Vertical
	11370.0	49.5	-2.7	46.8	74.0	-27.2	Peak	Vertical
*	13988.0	48.1	2.1	50.2	68.2	-18.0	Peak	Vertical

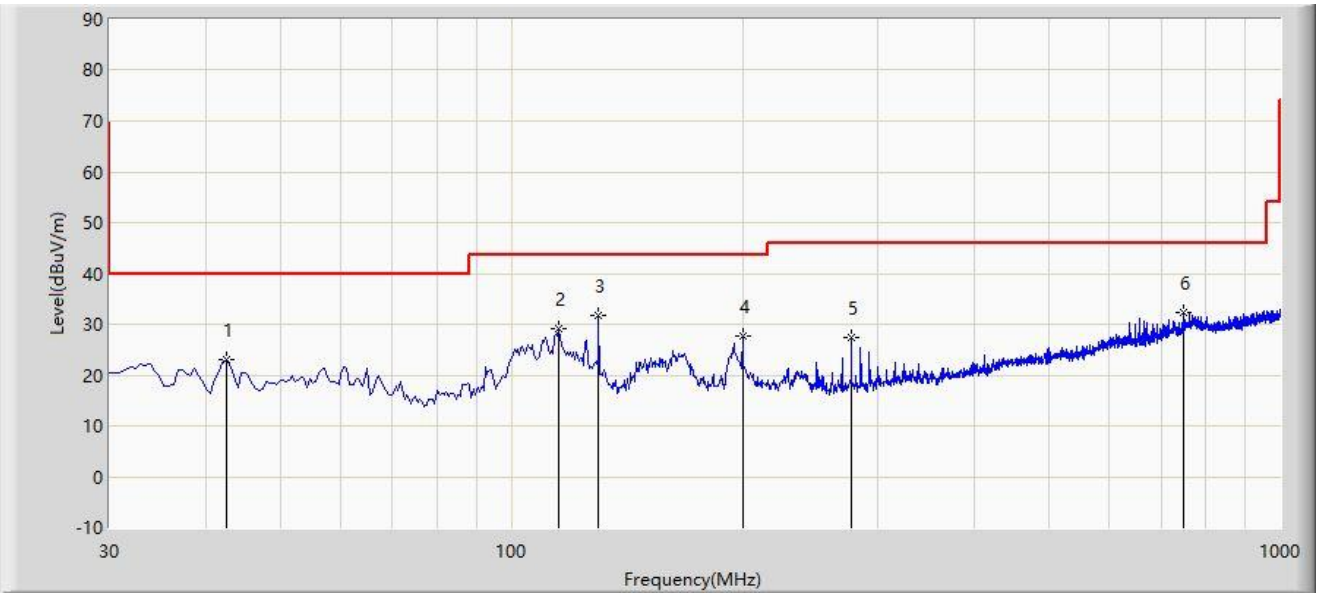
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Test Date: 2022-11-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Wayne Wang
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		42.610	22.919	4.876	-17.081	40.000	18.043	PK
2		115.360	29.154	13.565	-14.346	43.500	15.589	PK
3	*	129.910	31.609	15.139	-11.891	43.500	16.470	PK
4		199.750	27.811	12.802	-15.689	43.500	15.008	PK
5		276.865	27.392	9.308	-18.608	46.000	18.084	PK
6		750.225	32.191	3.717	-13.809	46.000	28.473	PK

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

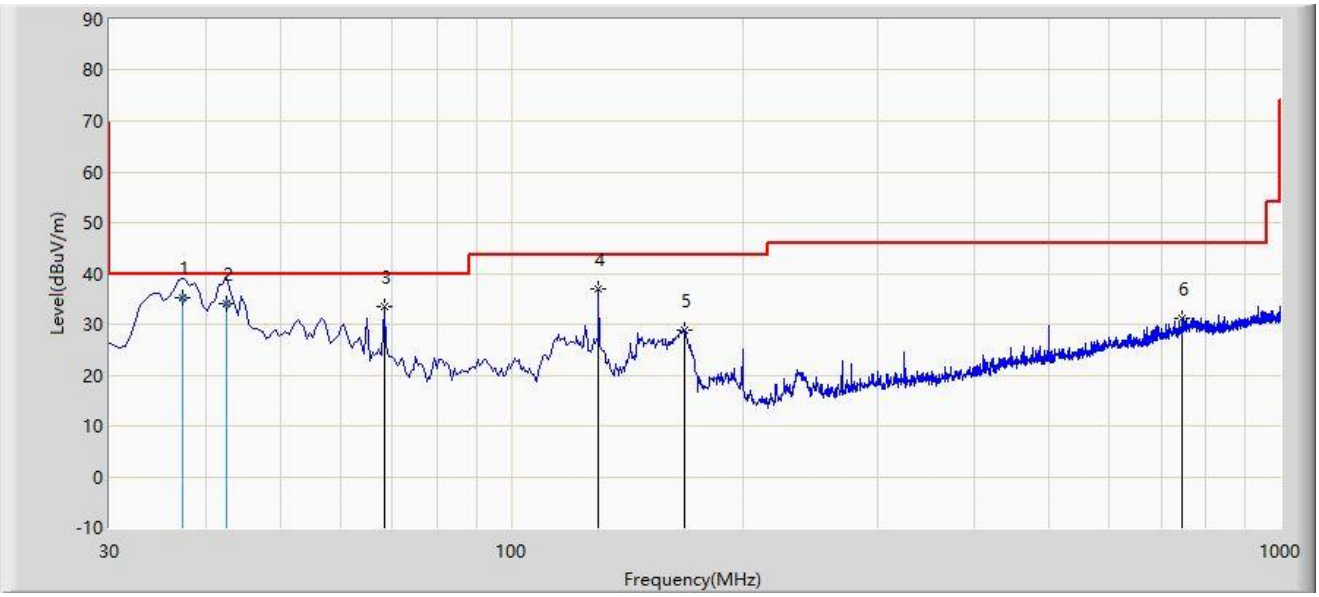
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: SIP-AC2	Test Date: 2022-11-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Wayne Wang
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	37.275	35.318	17.900	-4.682	40.000	17.418	QP
2		42.610	33.943	15.900	-6.057	40.000	18.043	QP
3		68.315	33.409	16.360	-6.591	40.000	17.048	PK
4		129.910	37.016	20.546	-6.484	43.500	16.470	PK
5		167.740	28.882	10.953	-14.618	43.500	17.929	PK
6		746.345	31.277	2.884	-14.723	46.000	28.392	PK

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

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

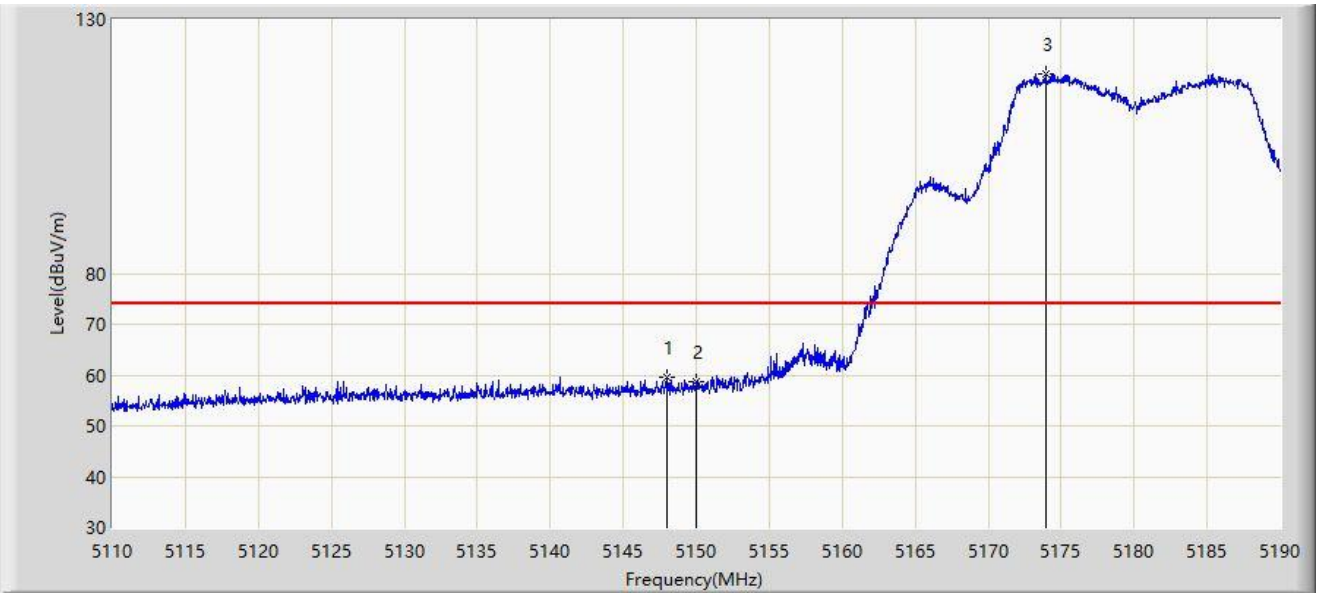
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.8 Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



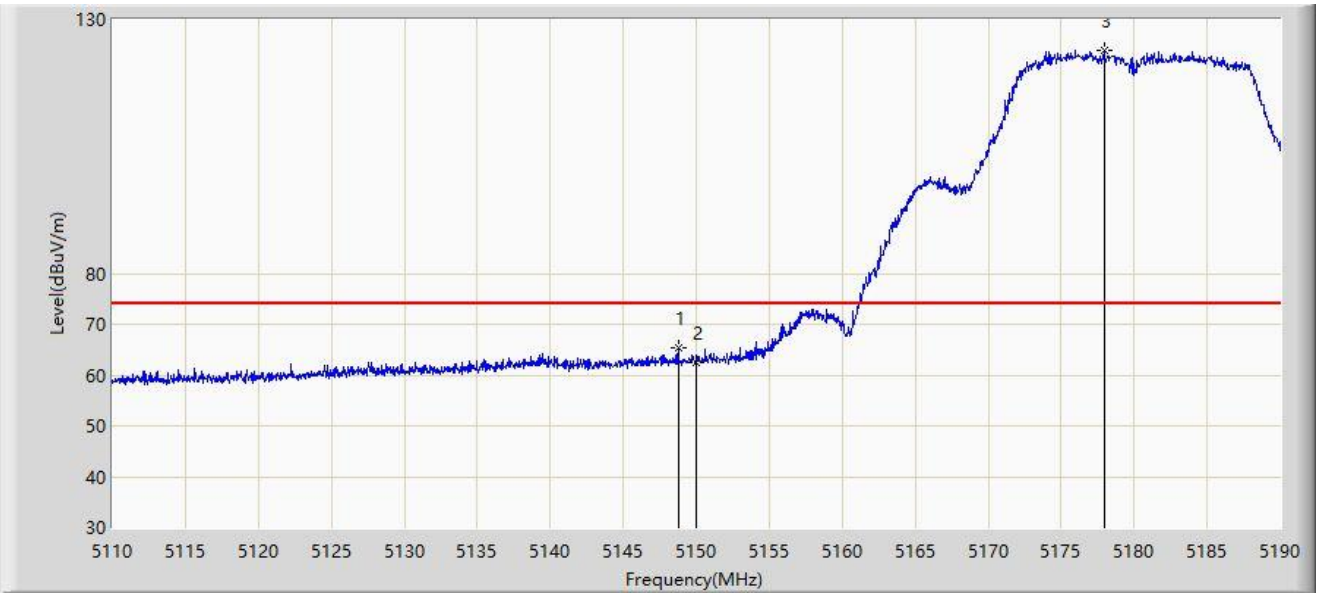
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.960	59.574	58.028	-14.426	74.000	1.546	PK
2		5150.000	58.594	56.665	-15.406	74.000	1.929	PK
3		5173.920	119.195	67.357	N/A	N/A	51.837	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



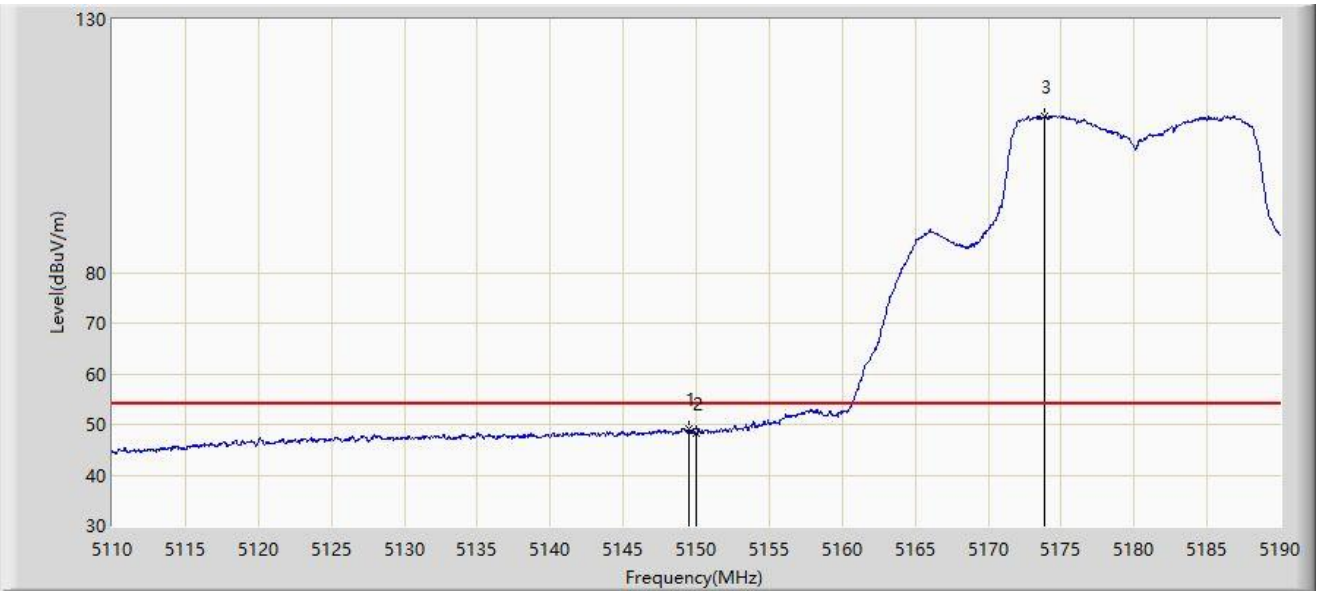
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.760	65.261	63.578	-8.739	74.000	1.683	PK
2		5150.000	62.477	60.548	-11.523	74.000	1.929	PK
3		5177.920	123.974	77.042	N/A	N/A	46.932	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



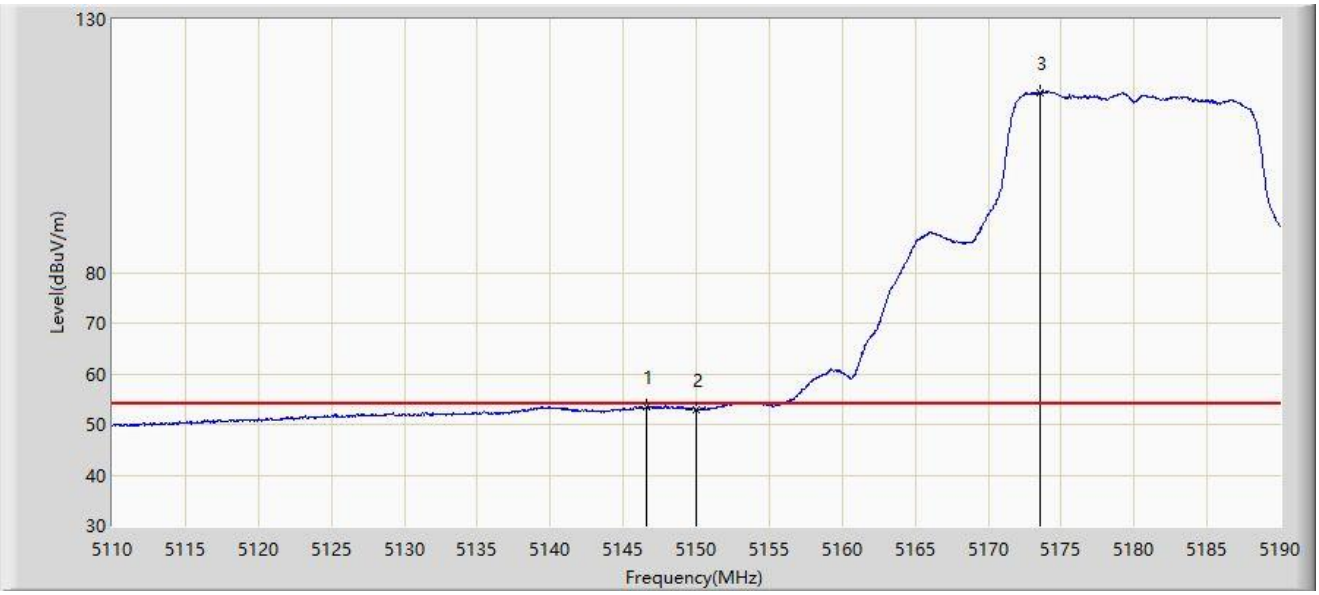
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.480	49.242	47.412	-4.758	54.000	1.830	AV
2		5150.000	48.225	46.296	-5.775	54.000	1.929	AV
3		5173.880	111.007	59.177	N/A	N/A	51.830	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



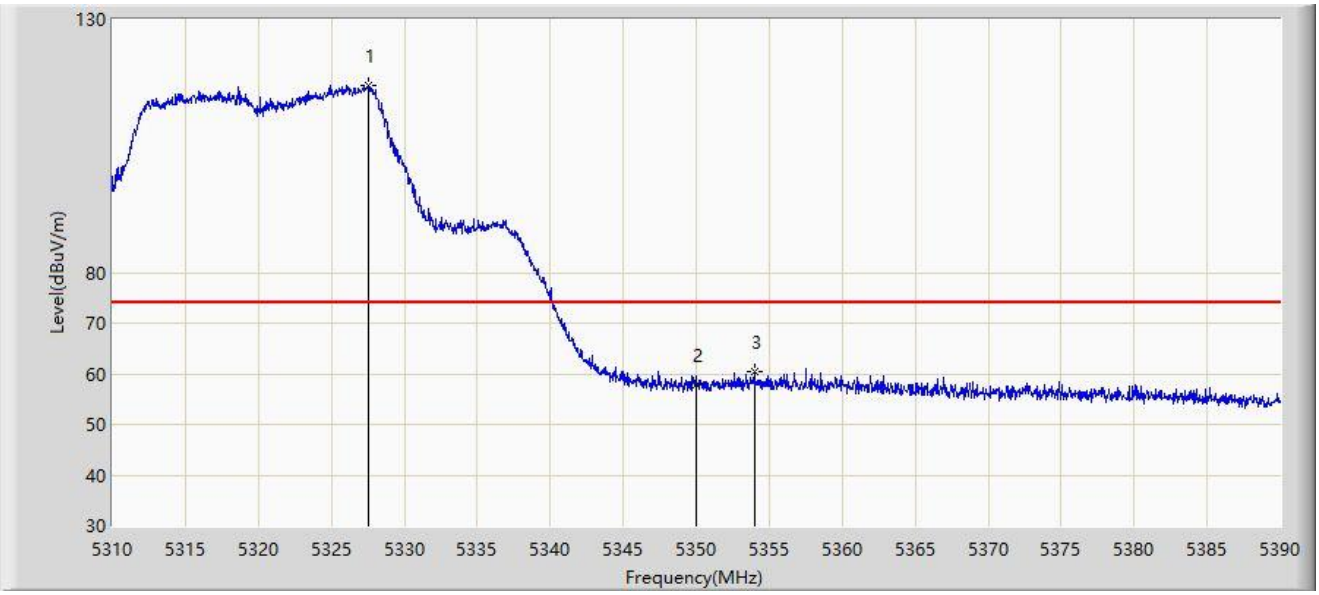
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5146.600	53.554	52.218	-0.446	54.000	1.336	AV
2		5150.000	52.917	50.988	-1.083	54.000	1.929	AV
3		5173.560	115.609	63.843	N/A	N/A	51.766	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



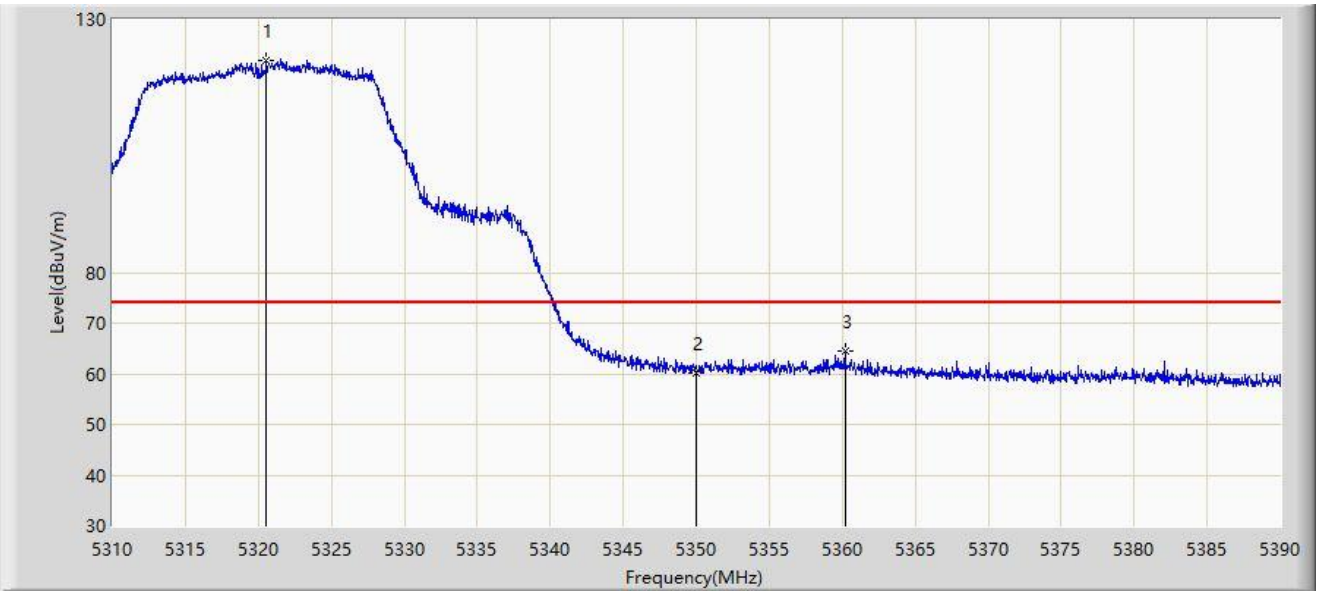
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5327.560	116.854	70.608	N/A	N/A	46.247	PK
2		5350.000	57.820	53.716	-16.180	74.000	4.104	PK
3	*	5354.000	60.524	57.683	-13.476	74.000	2.841	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



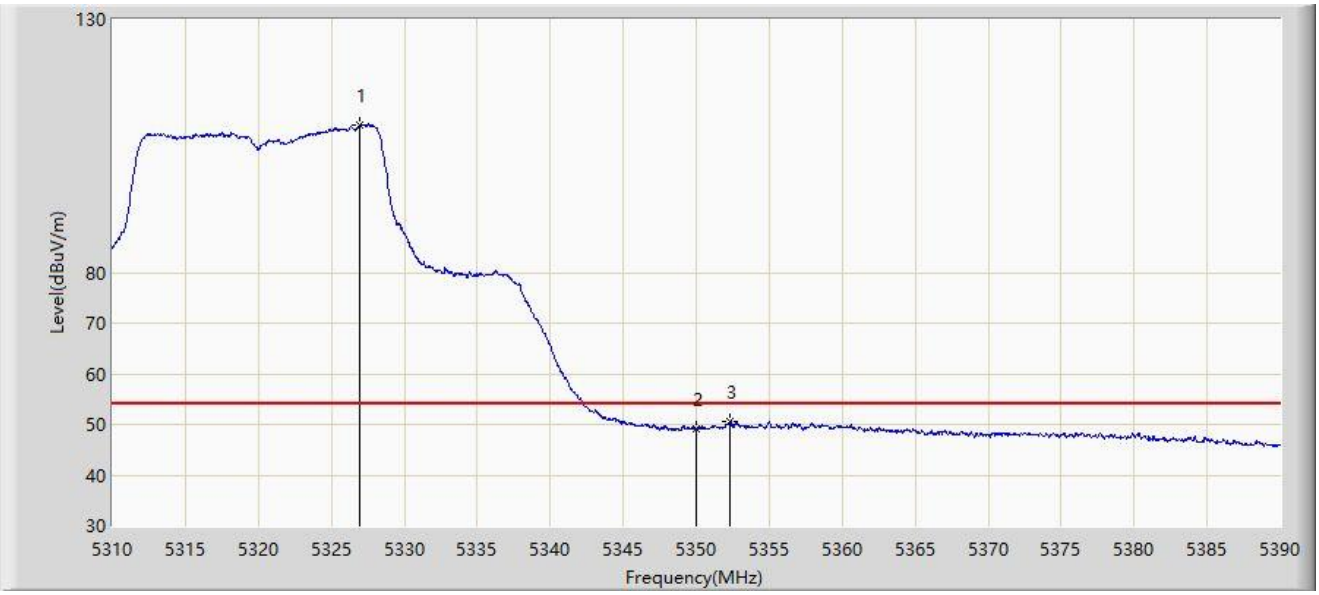
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5320.560	121.932	75.367	N/A	N/A	46.565	PK
2		5350.000	60.273	56.169	-13.727	74.000	4.104	PK
3	*	5360.200	64.484	62.705	-9.516	74.000	1.779	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



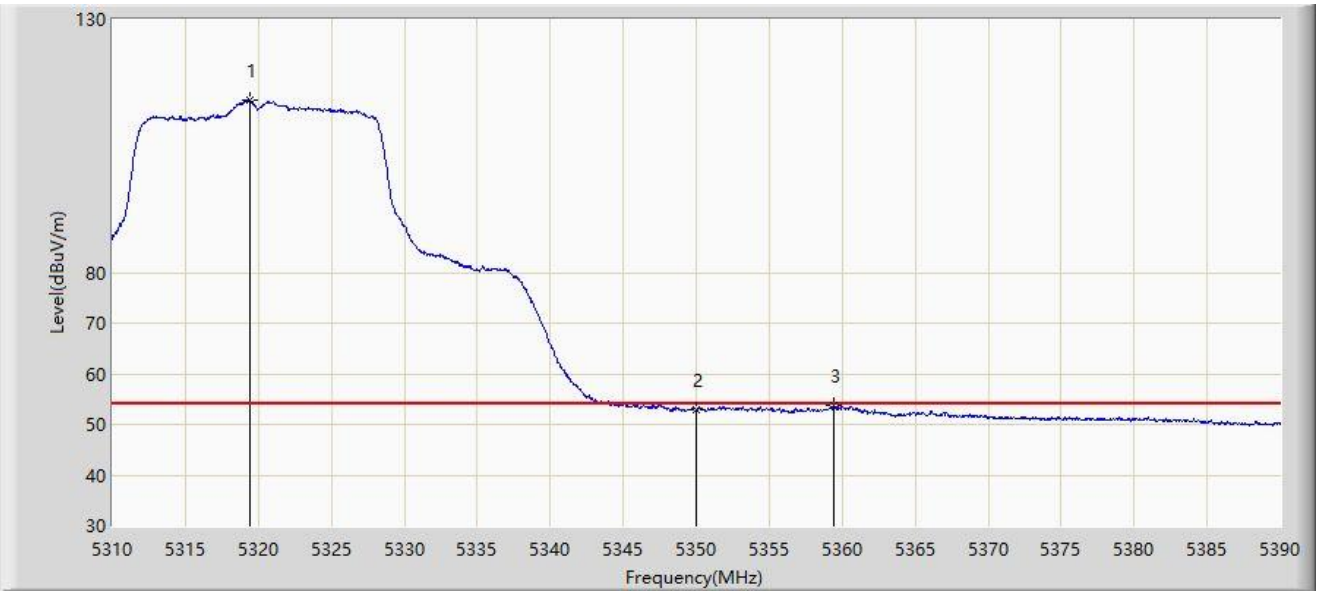
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.920	109.117	63.499	N/A	N/A	45.618	AV
2		5350.000	49.090	44.986	-4.910	54.000	4.104	AV
3	*	5352.320	50.479	47.176	-3.521	54.000	3.303	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



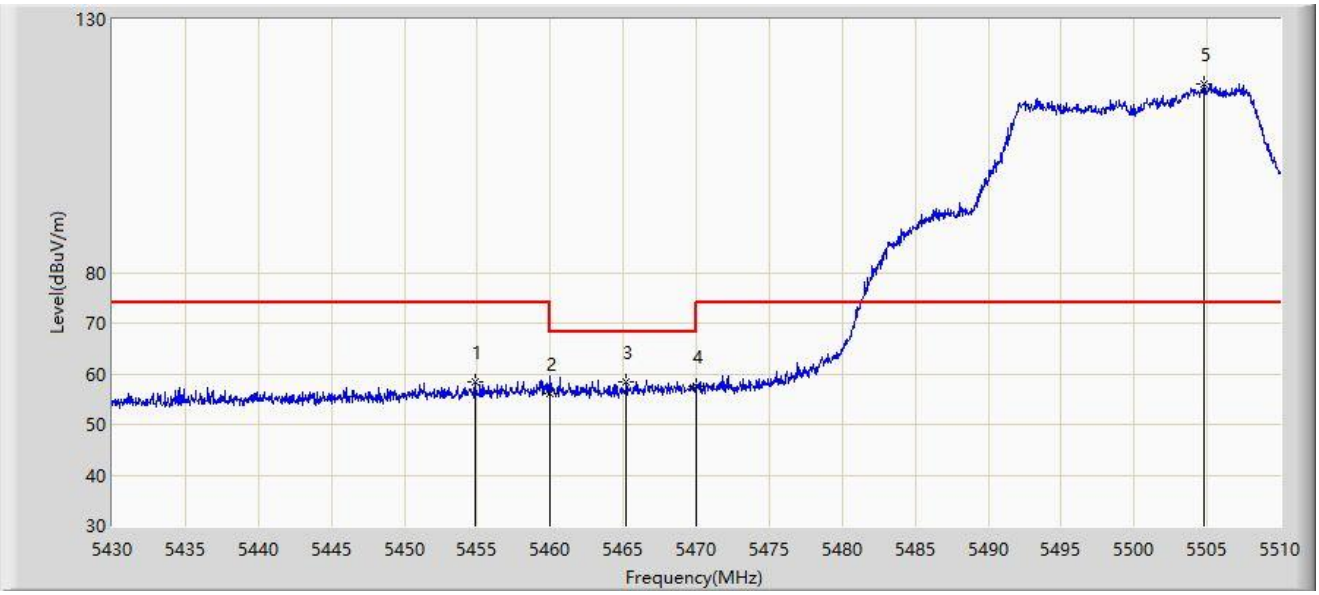
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.440	114.008	67.293	N/A	N/A	46.714	AV
2		5350.000	52.887	48.783	-1.113	54.000	4.104	AV
3	*	5359.400	53.694	51.797	-0.306	54.000	1.896	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



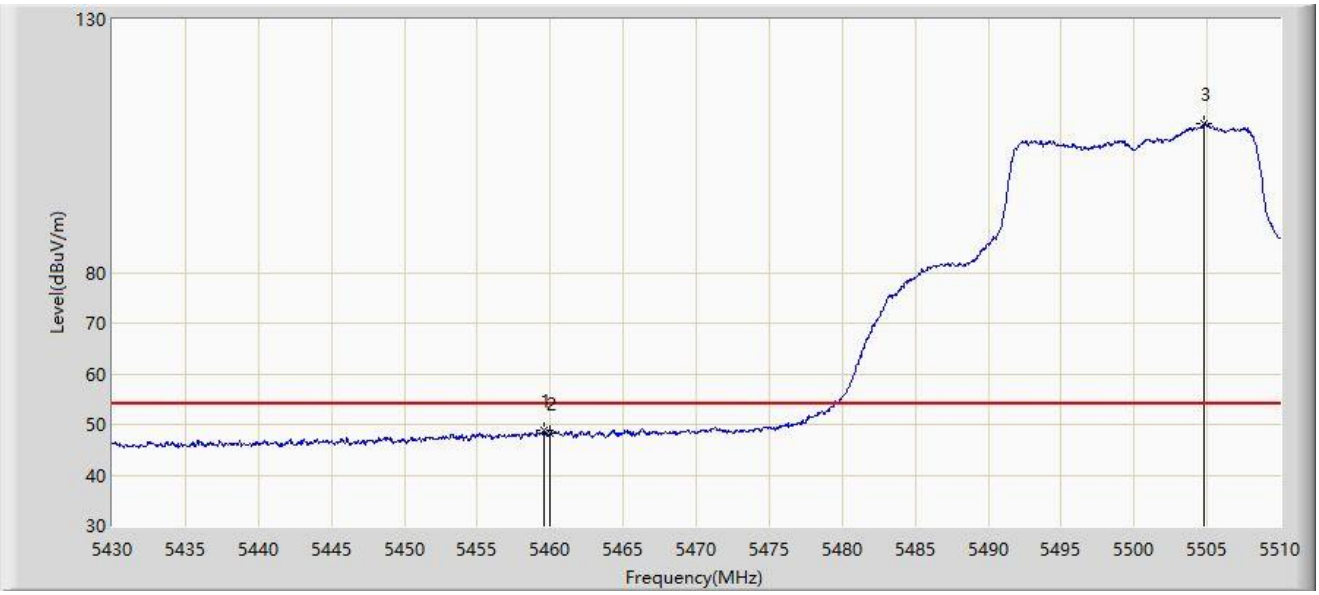
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5454.840	58.440	57.129	-15.560	74.000	1.311	PK
2		5460.000	56.146	54.505	-12.054	68.200	1.641	PK
3	*	5465.200	58.480	56.145	-9.720	68.200	2.335	PK
4		5470.000	57.404	54.067	-10.796	68.200	3.337	PK
5		5504.760	117.314	67.648	N/A	N/A	49.667	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



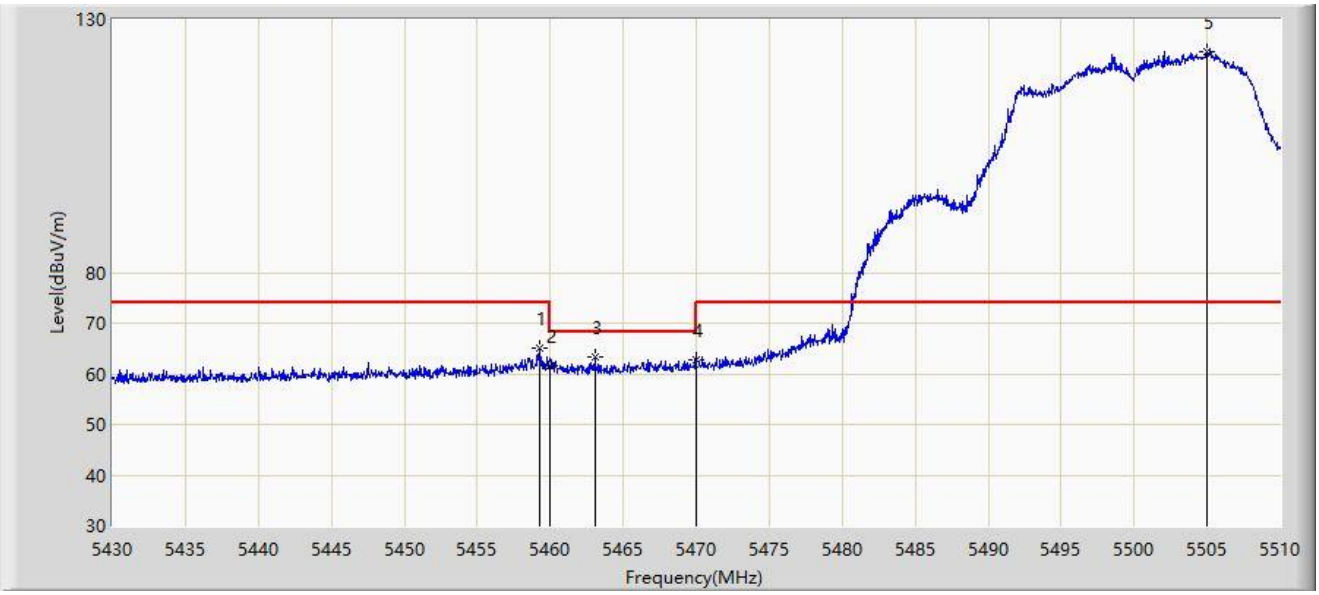
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.560	48.719	47.117	-5.281	54.000	1.603	AV
2		5460.000	48.116	46.475	-5.884	54.000	1.641	AV
3		5504.800	109.514	59.801	N/A	N/A	49.713	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



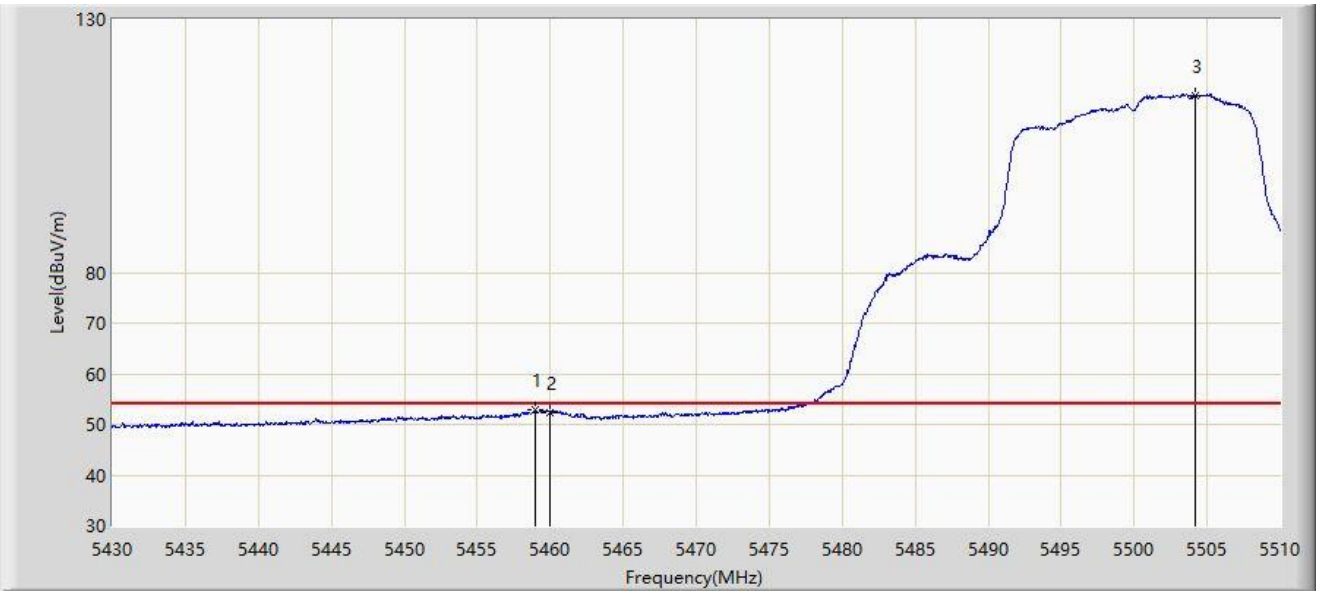
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5459.240	65.012	63.445	-8.988	74.000	1.566	PK
2		5460.000	61.709	60.068	-6.491	68.200	1.641	PK
3	*	5463.040	63.413	61.458	-4.787	68.200	1.955	PK
4		5470.000	62.737	59.400	-5.463	68.200	3.337	PK
5		5505.000	123.716	73.900	N/A	N/A	49.816	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



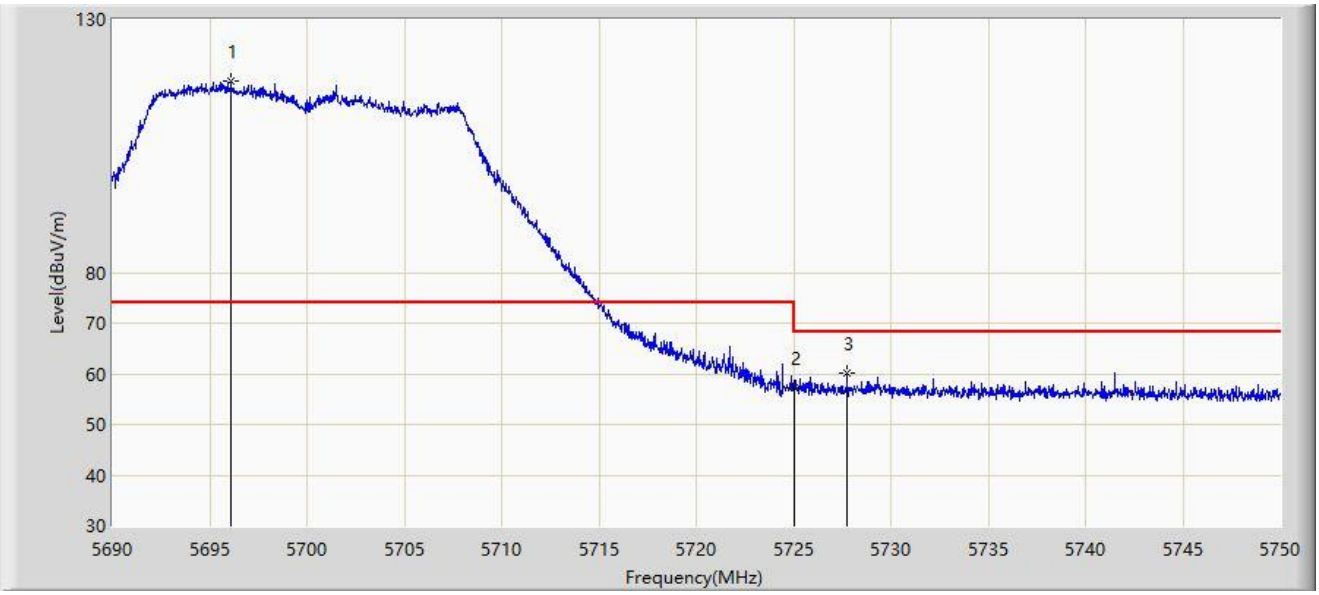
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.000	52.873	51.341	-1.127	54.000	1.532	AV
2		5460.000	52.439	50.798	-1.561	54.000	1.641	AV
3		5504.160	114.952	66.037	N/A	N/A	48.916	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



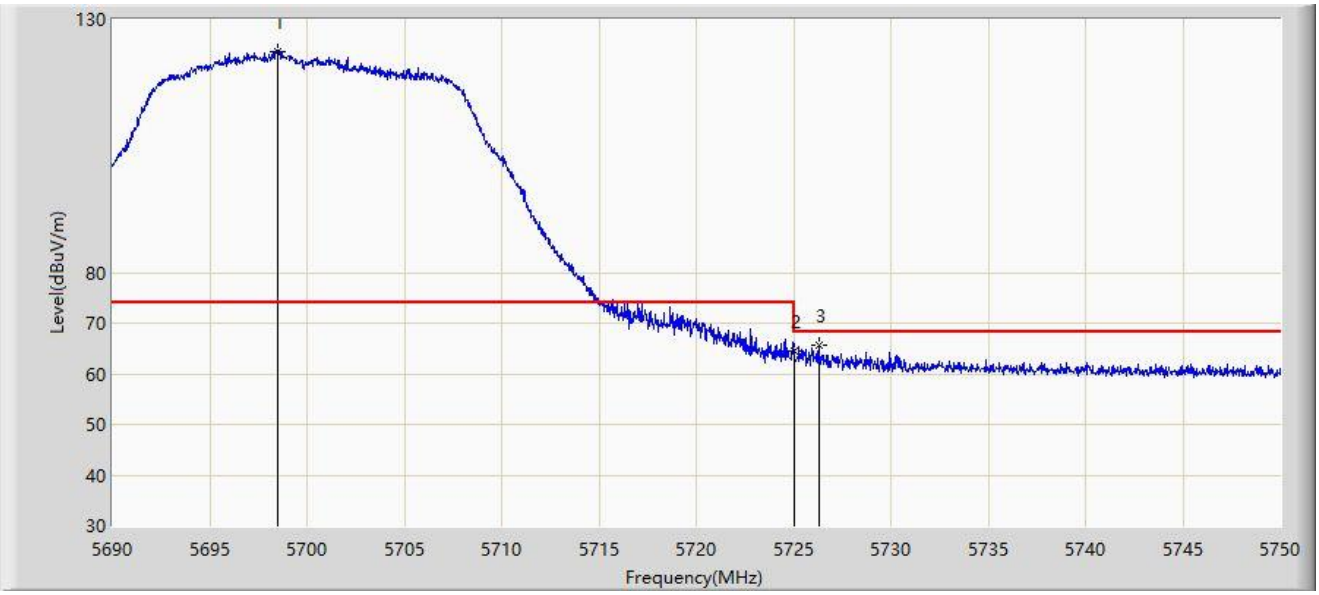
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5696.090	117.744	70.992	N/A	N/A	46.751	PK
2		5725.000	57.170	52.099	-11.030	68.200	5.070	PK
3	*	5727.740	60.010	56.143	-8.190	68.200	3.867	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



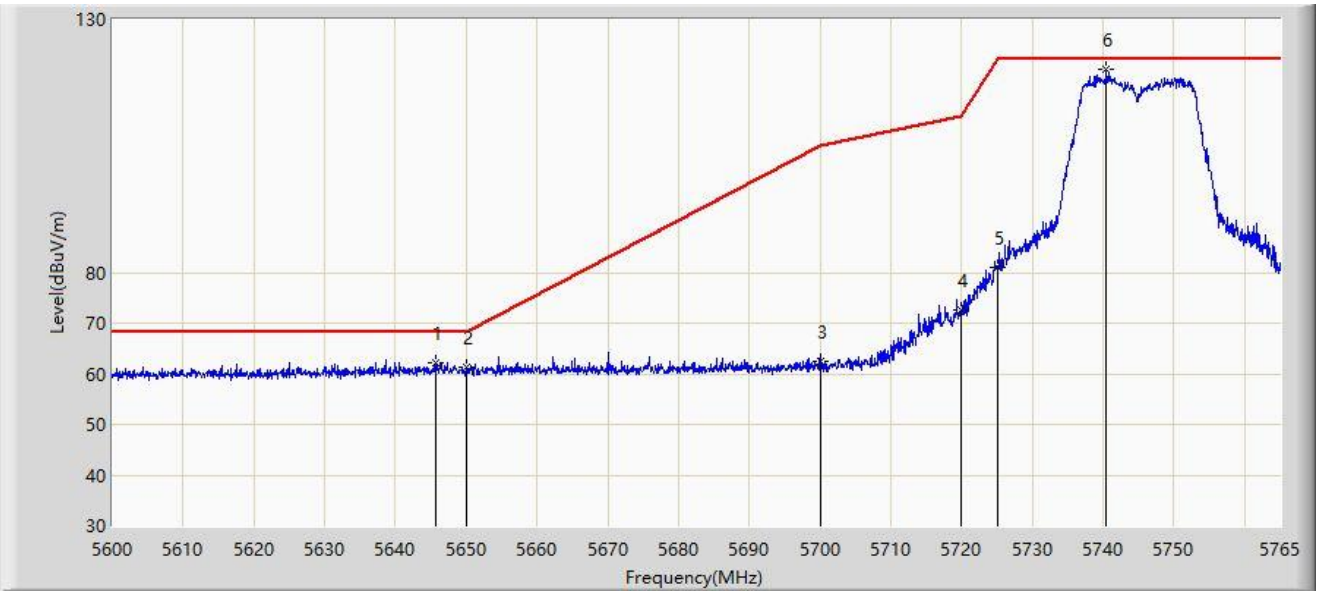
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5698.490	123.678	79.978	N/A	N/A	43.701	PK
2		5725.000	64.442	59.371	-3.758	68.200	5.070	PK
3	*	5726.300	65.666	61.275	-2.534	68.200	4.391	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



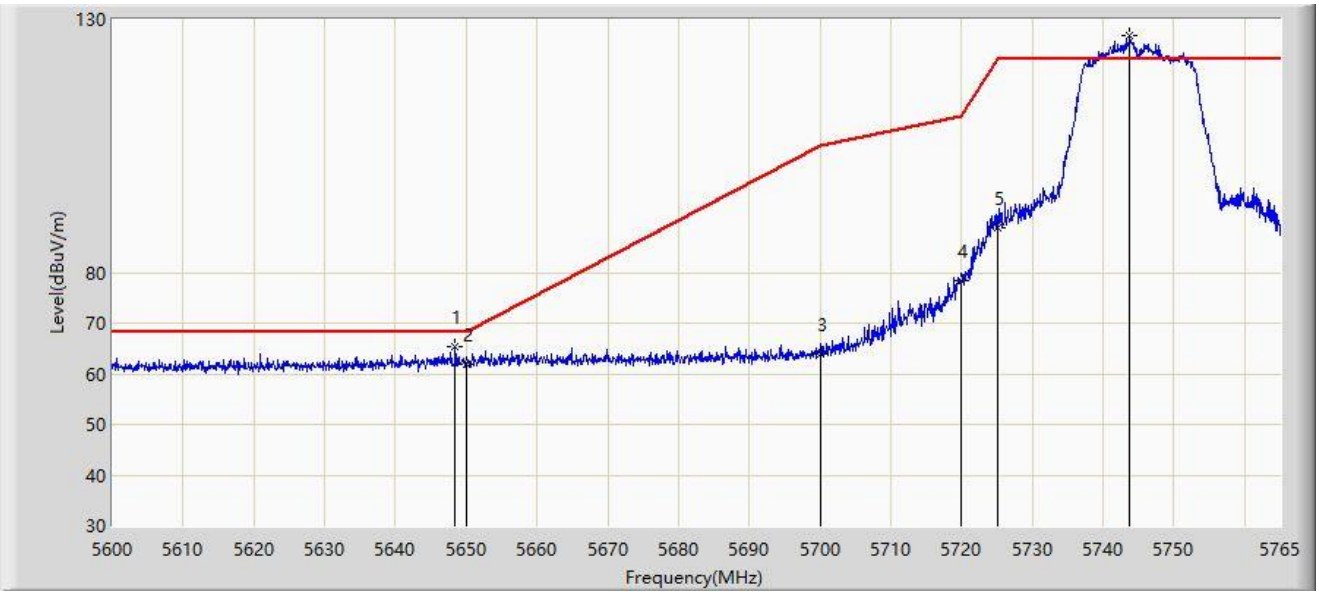
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5645.788	62.212	57.127	-5.988	68.200	5.085	PK
2		5650.000	61.194	56.062	-7.006	68.200	5.132	PK
3		5700.000	62.604	57.476	-42.596	105.200	5.129	PK
4		5720.000	72.560	67.168	-38.240	110.800	5.392	PK
5		5725.000	80.986	75.510	-41.214	122.200	5.476	PK
6		5740.498	120.254	114.671	N/A	N/A	5.583	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



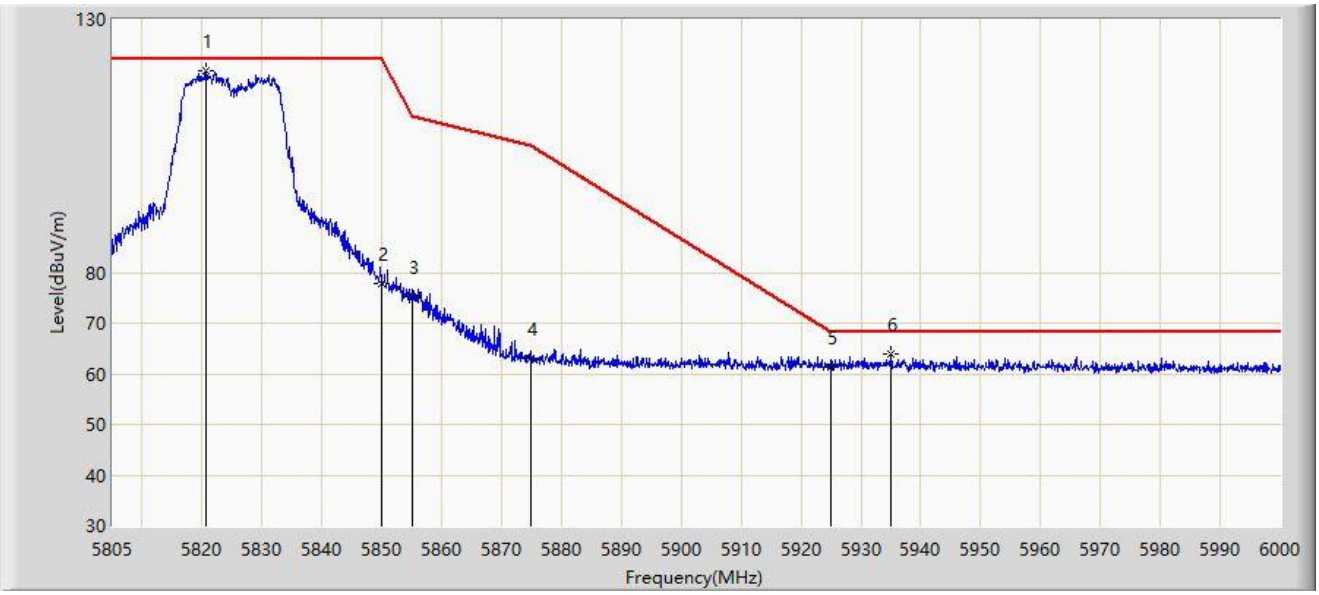
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5648.428	65.236	60.121	-2.964	68.200	5.114	PK
2		5650.000	61.822	56.690	-6.378	68.200	5.132	PK
3		5700.000	63.865	58.737	-41.335	105.200	5.129	PK
4		5720.000	78.378	72.986	-32.422	110.800	5.392	PK
5		5725.000	88.876	83.400	-33.324	122.200	5.476	PK
6		5743.715	126.882	121.287	N/A	N/A	5.594	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



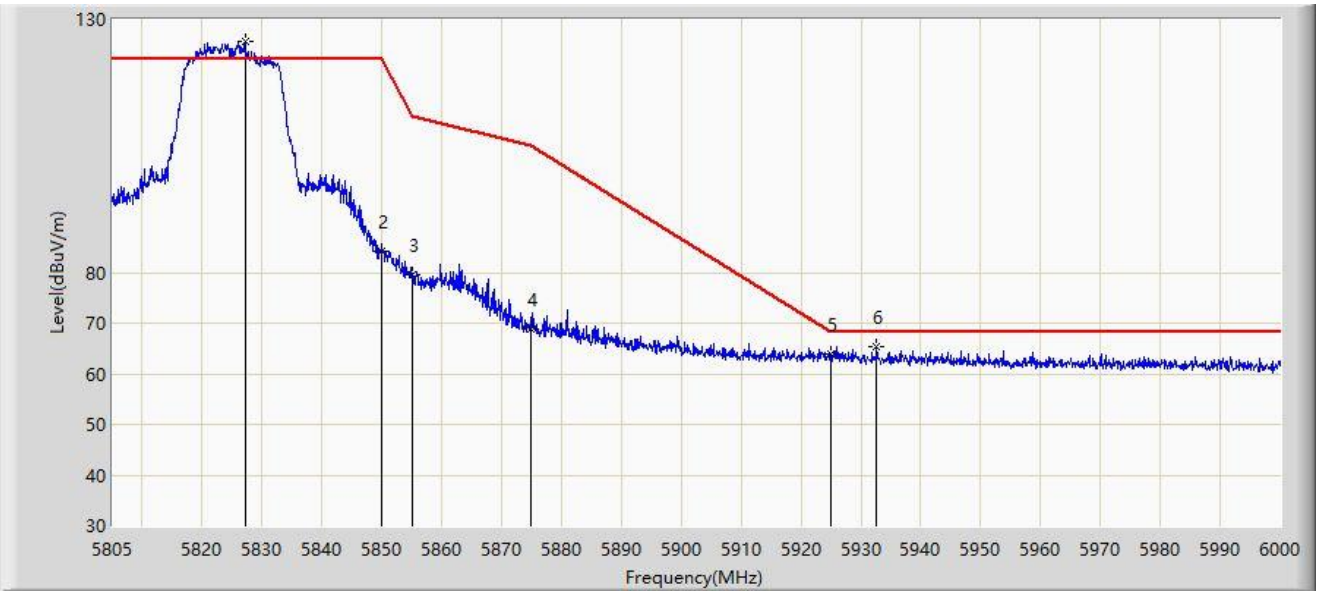
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5820.600	119.887	114.266	N/A	N/A	5.621	PK
2		5850.000	77.940	72.230	-44.260	122.200	5.710	PK
3		5855.000	75.117	69.327	-35.683	110.800	5.790	PK
4		5875.000	63.021	57.108	-42.179	105.200	5.913	PK
5		5925.000	61.412	55.395	-6.788	68.200	6.016	PK
6	*	5935.065	63.775	57.707	-4.425	68.200	6.069	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



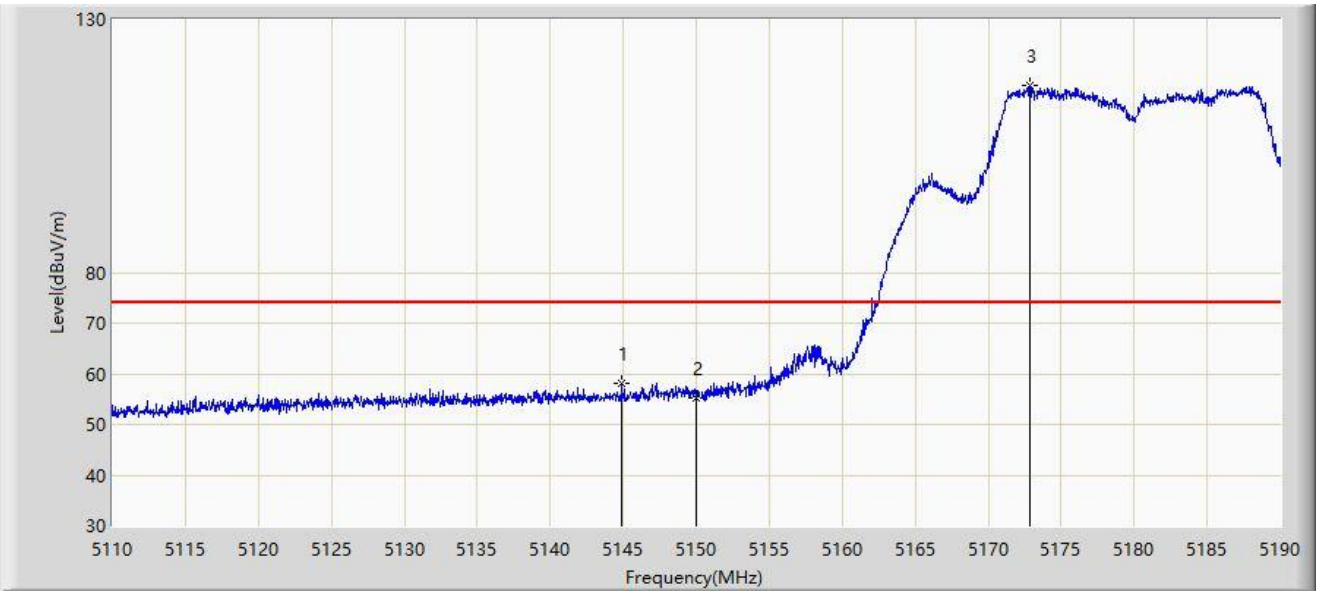
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5827.230	125.649	120.096	N/A	N/A	5.554	PK
2		5850.000	84.297	78.587	-37.903	122.200	5.710	PK
3		5855.000	79.608	73.818	-31.192	110.800	5.790	PK
4		5875.000	68.900	62.987	-36.300	105.200	5.913	PK
5		5925.000	63.810	57.793	-4.390	68.200	6.016	PK
6	*	5932.627	65.403	59.311	-2.797	68.200	6.092	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



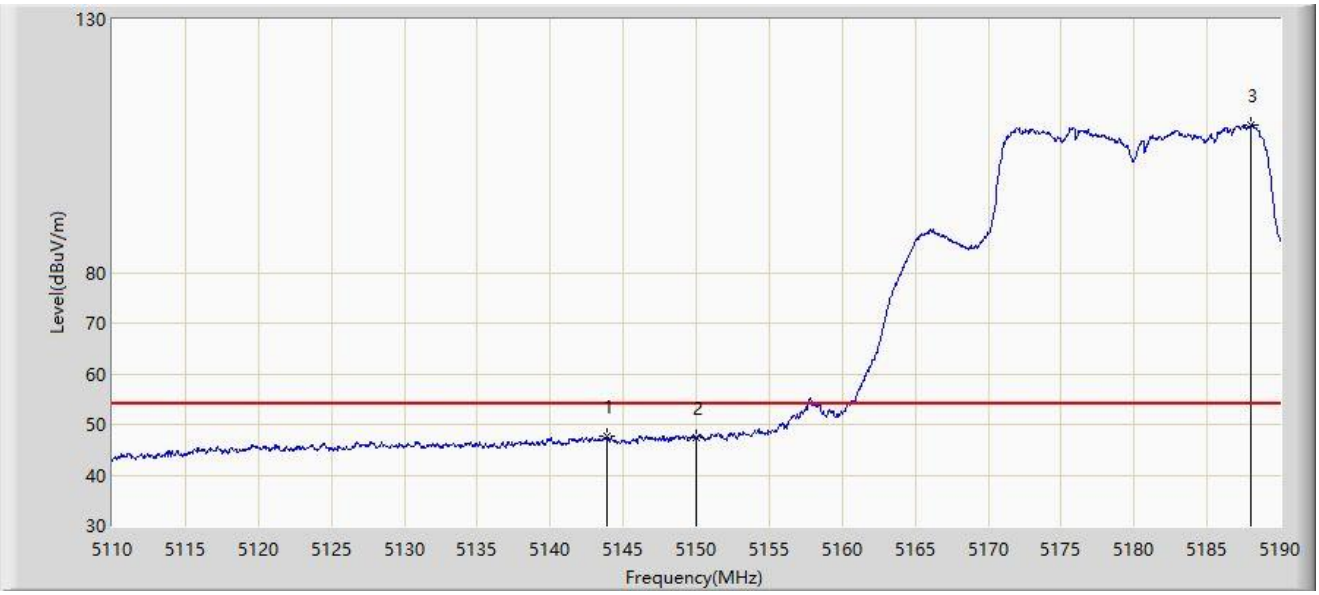
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5144.880	58.234	57.175	-15.766	74.000	1.058	PK
2		5150.000	55.287	53.358	-18.713	74.000	1.929	PK
3		5172.840	117.094	65.795	N/A	N/A	51.299	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



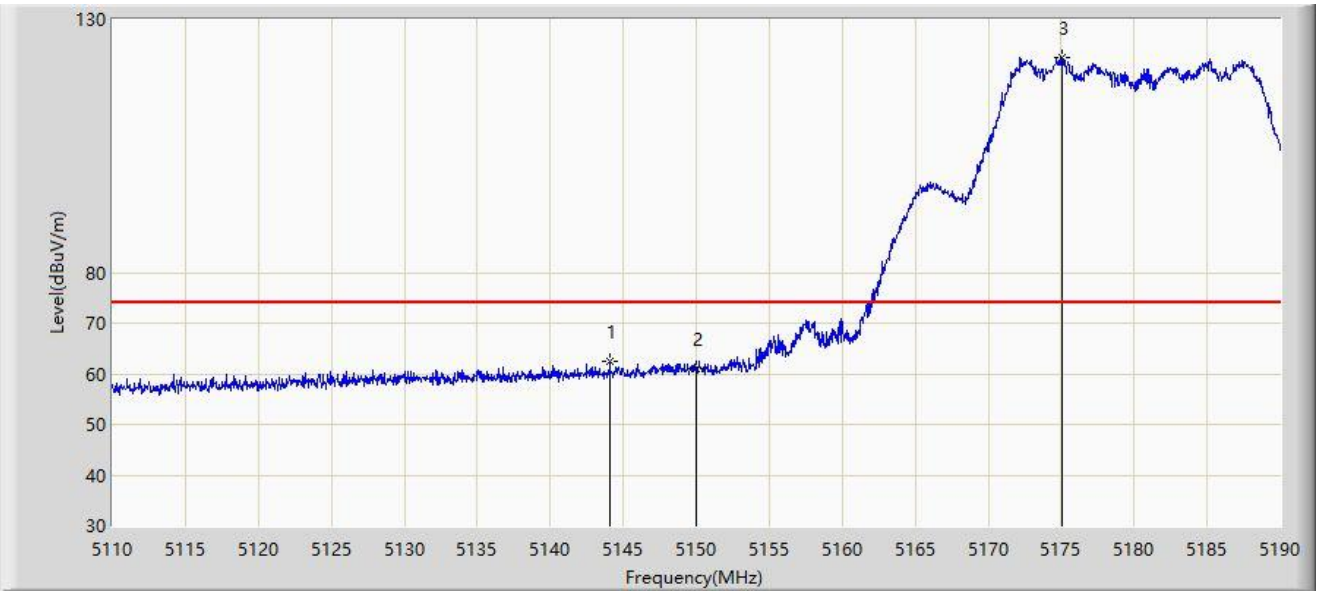
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5143.840	47.644	46.703	-6.356	54.000	0.941	AV
2		5150.000	47.307	45.378	-6.693	54.000	1.929	AV
3		5188.040	109.219	66.261	N/A	N/A	42.958	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



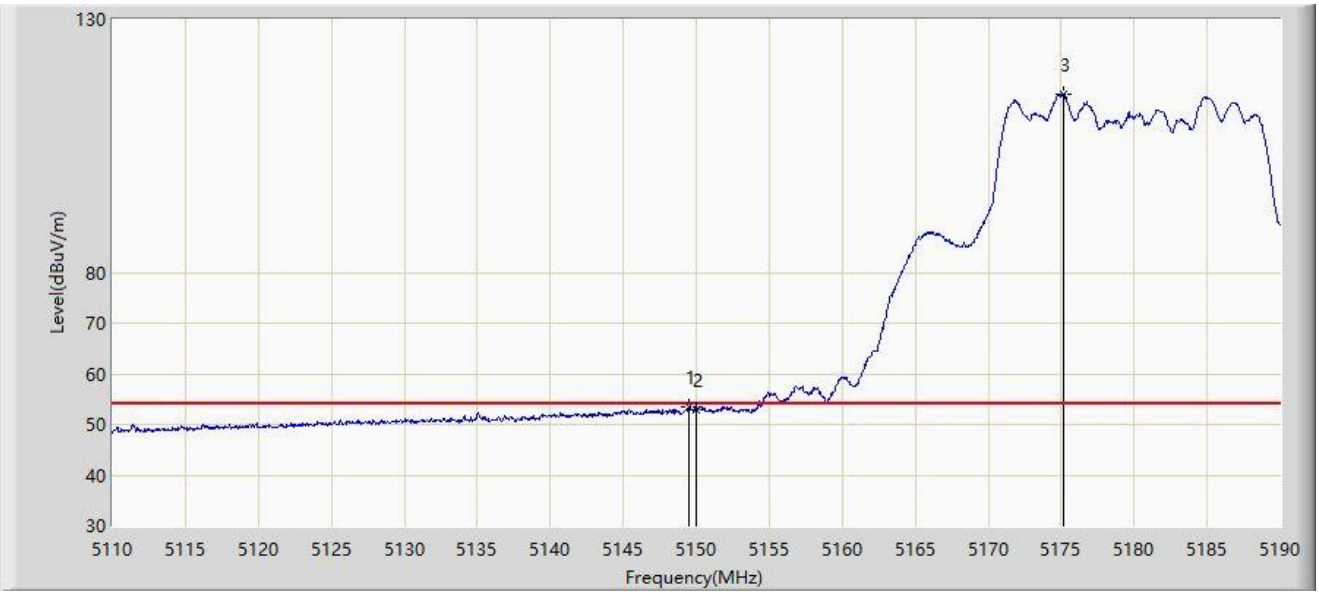
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5144.080	62.509	61.537	-11.491	74.000	0.971	PK
2		5150.000	60.888	58.959	-13.112	74.000	1.929	PK
3		5175.040	122.564	71.914	N/A	N/A	50.651	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



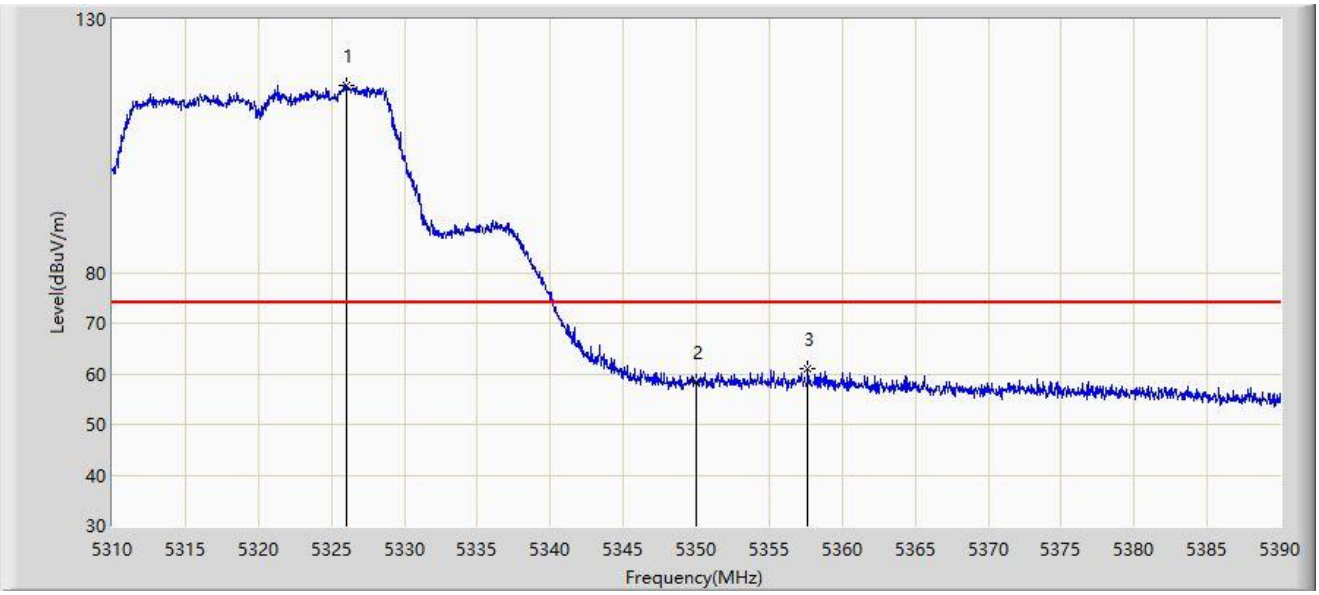
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.520	53.444	51.606	-0.556	54.000	1.838	AV
2		5150.000	52.927	50.998	-1.073	54.000	1.929	AV
3		5175.200	115.345	64.983	N/A	N/A	50.362	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



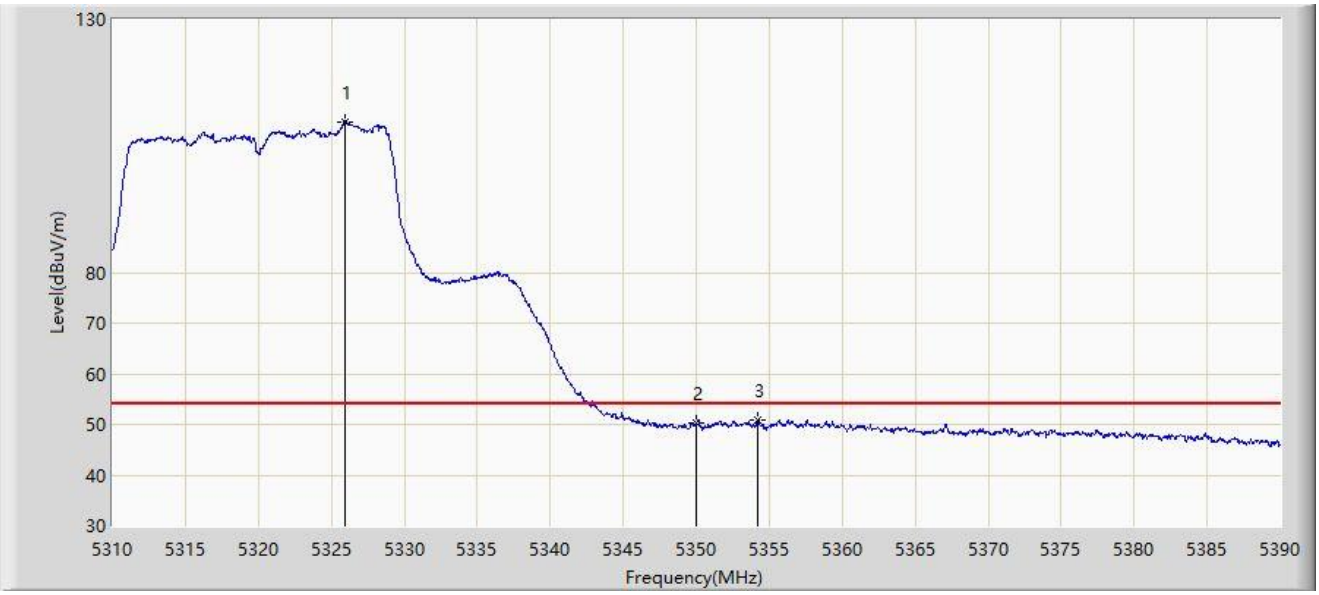
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.040	117.044	71.857	N/A	N/A	45.187	PK
2		5350.000	58.431	54.327	-15.569	74.000	4.104	PK
3	*	5357.640	60.978	58.801	-13.022	74.000	2.177	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



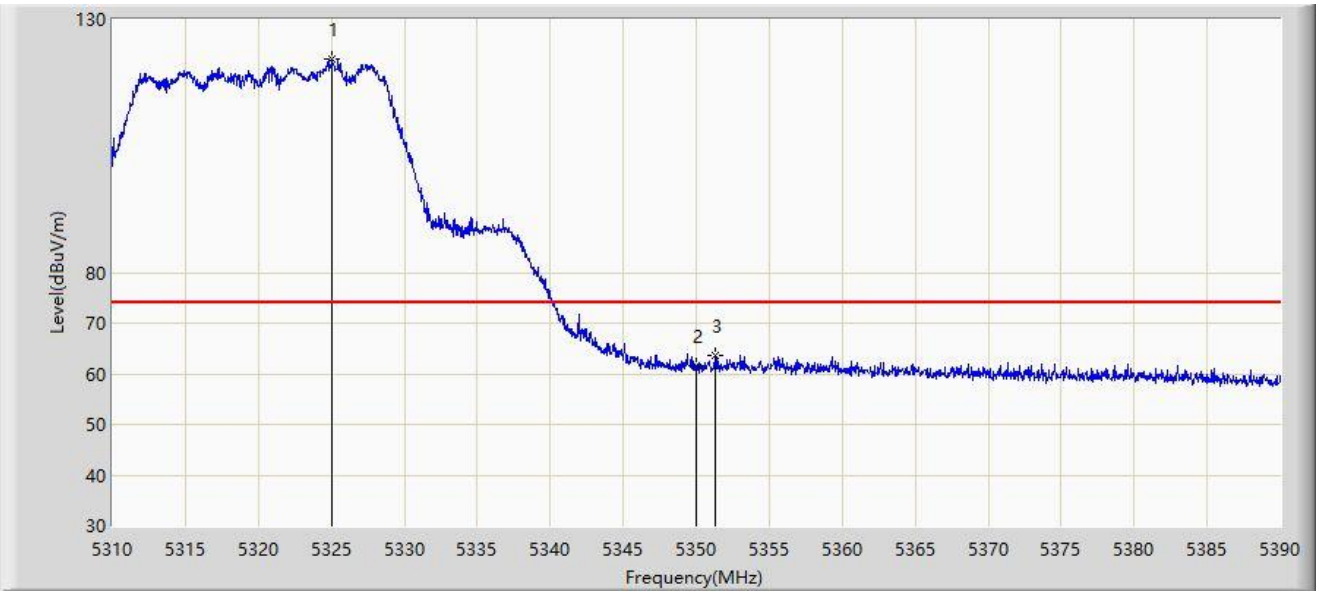
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.920	109.834	64.629	N/A	N/A	45.205	AV
2		5350.000	50.166	46.062	-3.834	54.000	4.104	AV
3	*	5354.200	50.846	48.048	-3.154	54.000	2.798	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



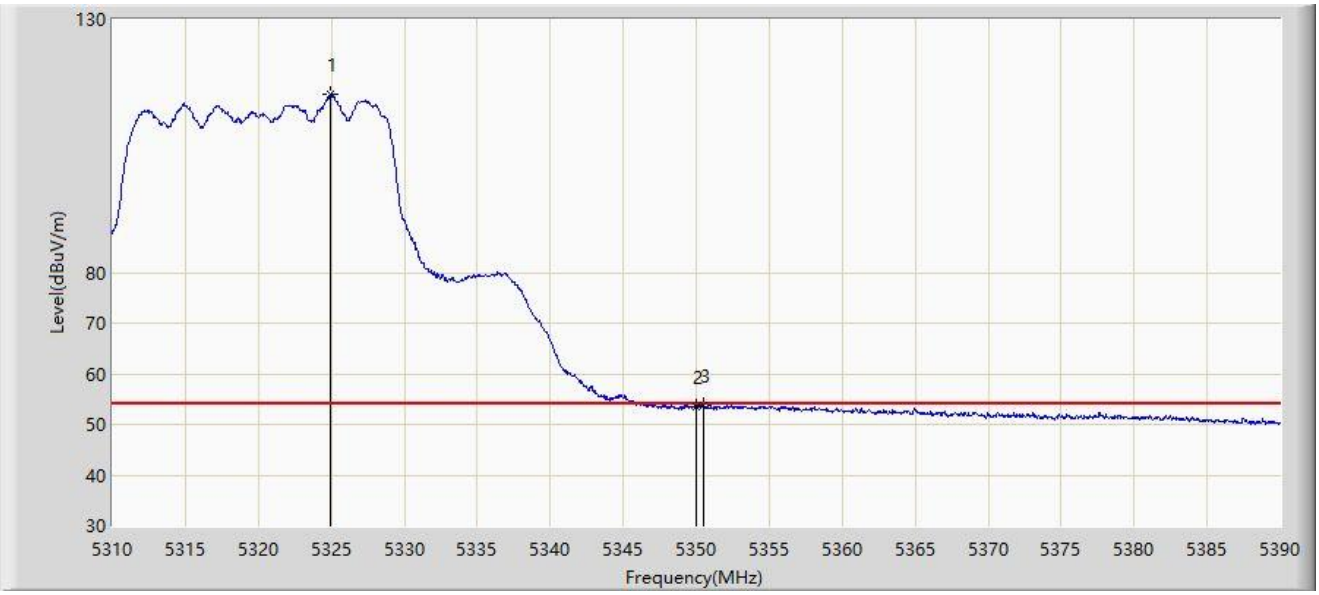
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5325.040	122.186	76.696	N/A	N/A	45.490	PK
2		5350.000	61.589	57.485	-12.411	74.000	4.104	PK
3	*	5351.280	63.667	60.098	-10.333	74.000	3.569	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



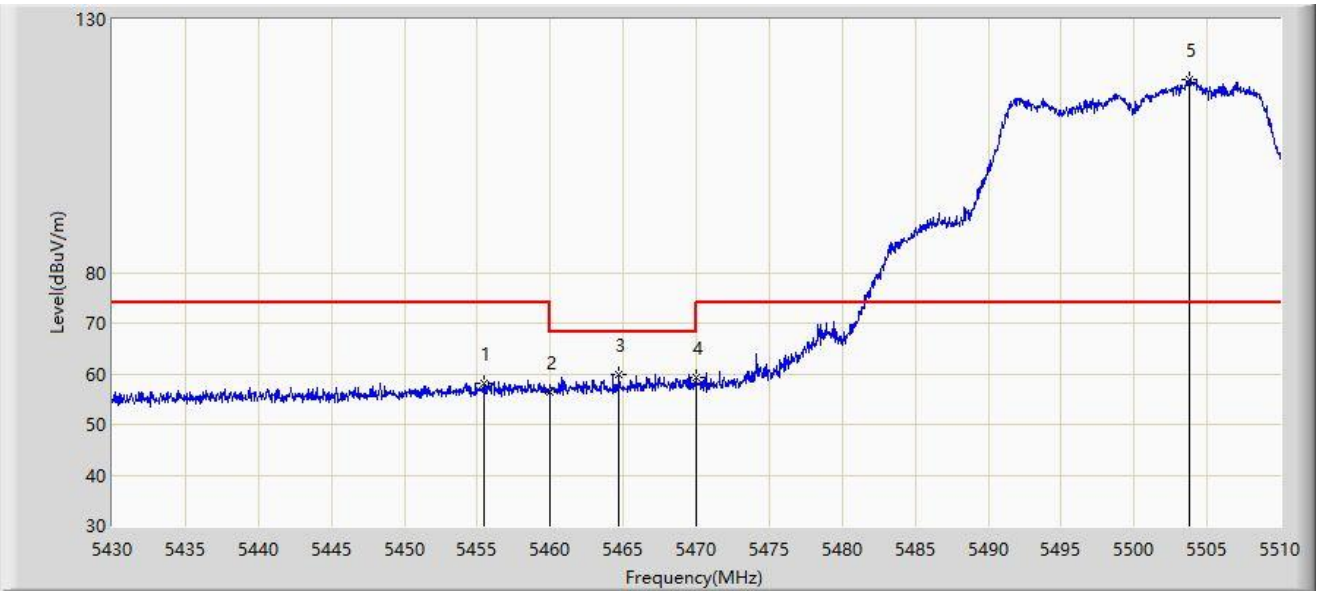
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5324.960	115.158	69.609	N/A	N/A	45.550	AV
2		5350.000	53.558	49.454	-0.442	54.000	4.104	AV
3	*	5350.480	53.732	49.880	-0.268	54.000	3.853	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



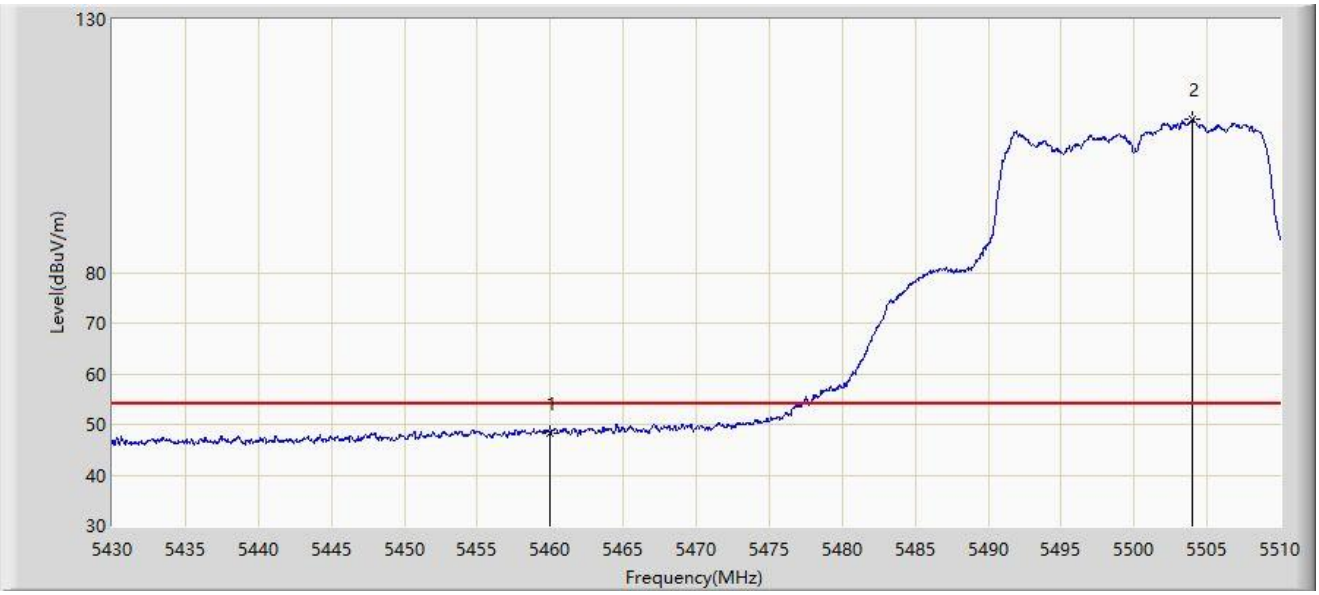
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5455.480	58.255	56.934	-15.745	74.000	1.322	PK
2		5460.000	56.340	54.699	-11.860	68.200	1.641	PK
3	*	5464.720	59.716	57.515	-8.484	68.200	2.201	PK
4		5470.000	59.414	56.077	-8.786	68.200	3.337	PK
5		5503.800	117.987	69.672	N/A	N/A	48.315	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



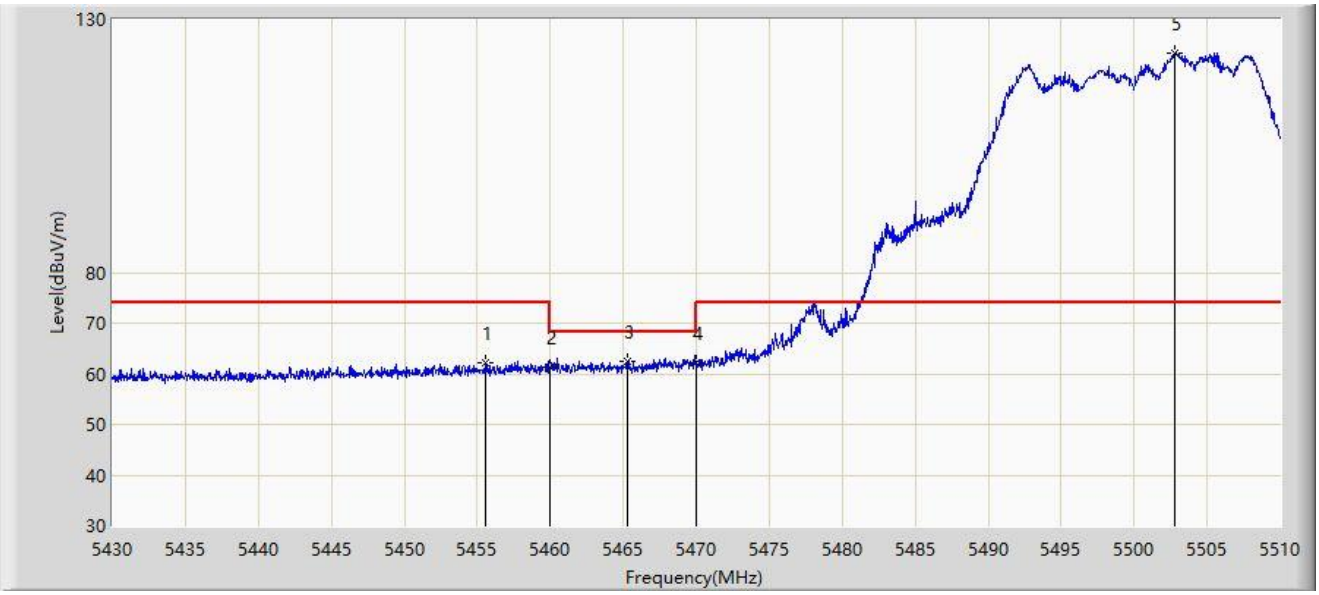
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	48.235	46.594	-5.765	54.000	1.641	AV
2		5504.000	110.416	61.723	N/A	N/A	48.693	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



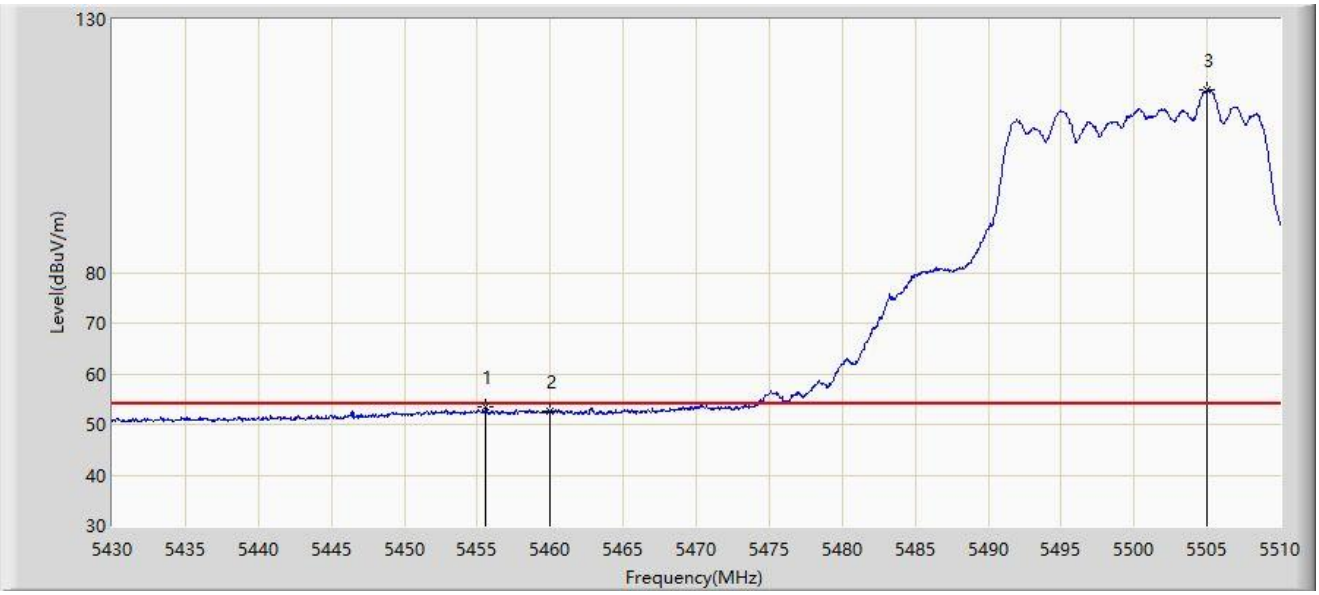
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5455.520	62.153	60.833	-11.847	74.000	1.321	PK
2		5460.000	61.264	59.623	-6.936	68.200	1.641	PK
3	*	5465.240	62.570	60.235	-5.630	68.200	2.335	PK
4		5470.000	62.036	58.699	-6.164	68.200	3.337	PK
5		5502.760	123.424	77.221	N/A	N/A	46.203	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



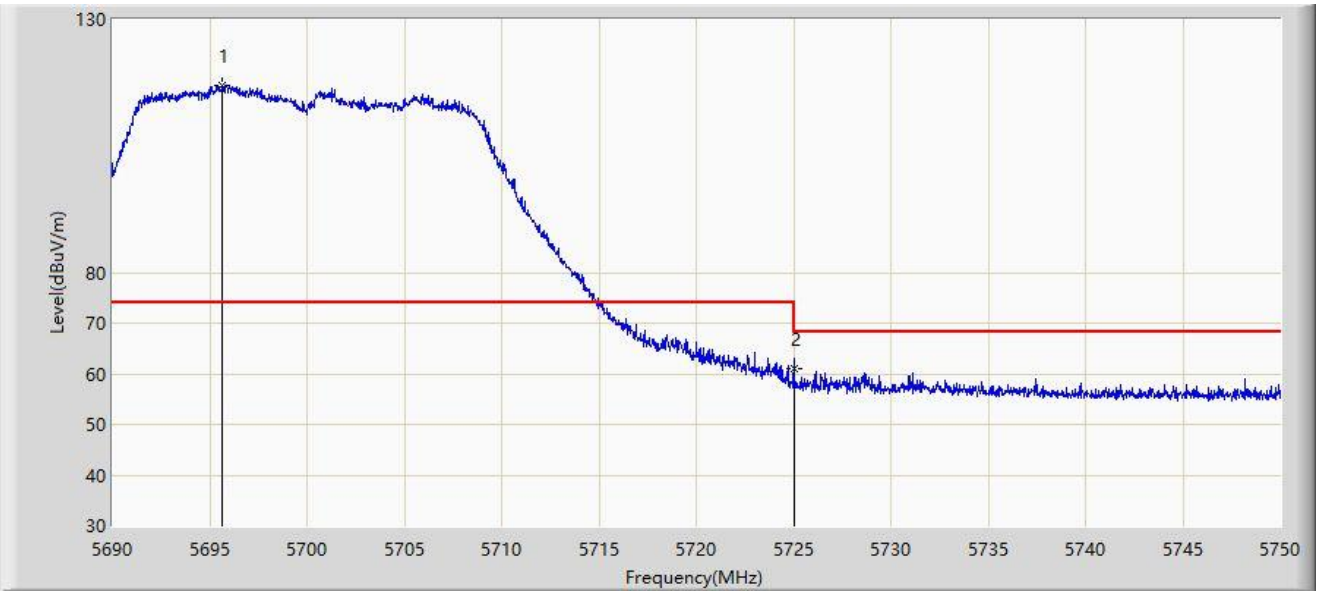
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5455.600	53.491	52.173	-0.509	54.000	1.318	AV
2		5460.000	52.592	50.951	-1.408	54.000	1.641	AV
3		5504.960	116.152	66.357	N/A	N/A	49.795	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



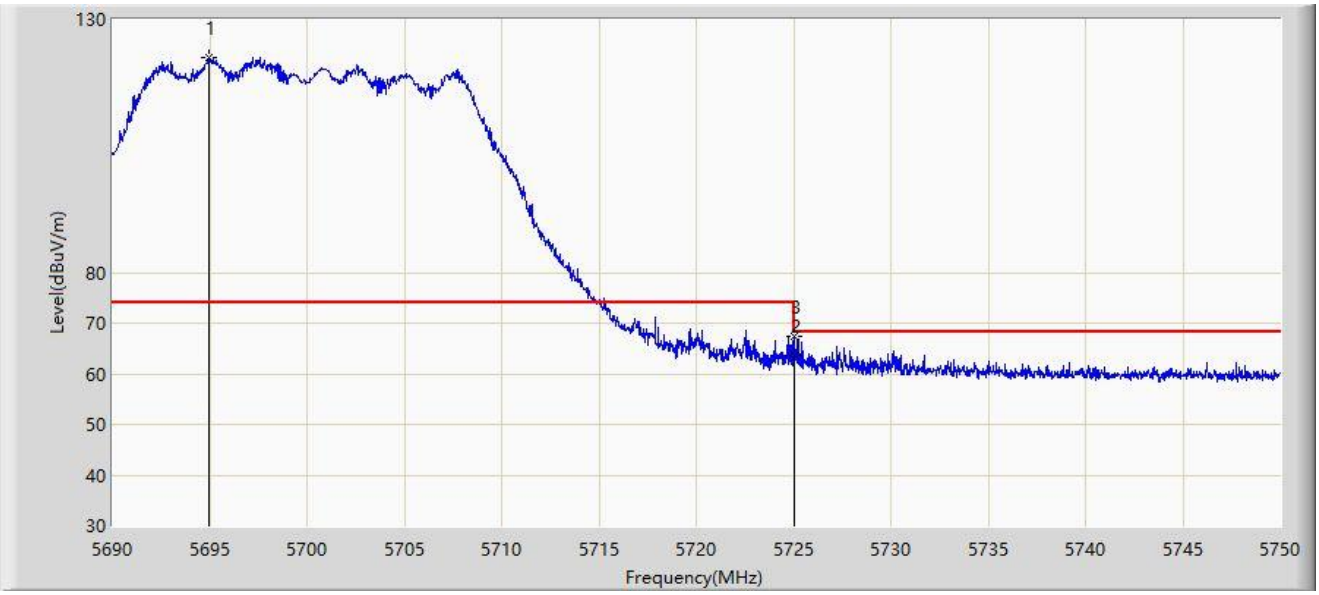
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5695.640	116.970	69.600	N/A	N/A	47.370	PK
2	*	5725.000	61.115	56.044	-7.085	68.200	5.070	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



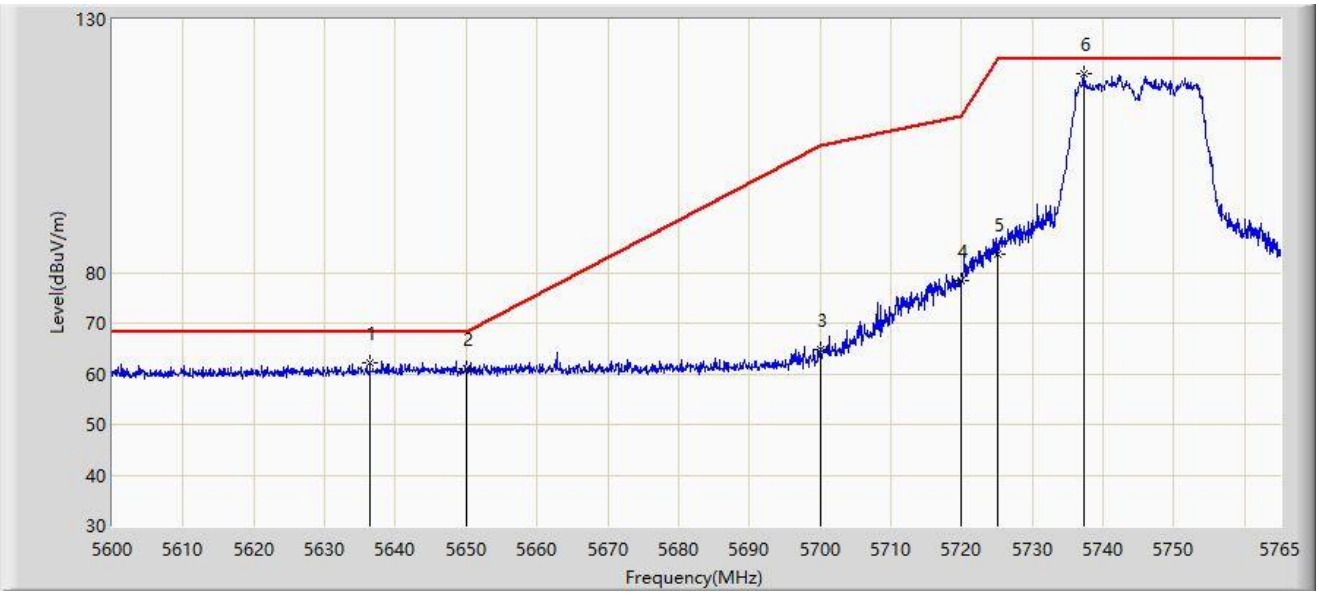
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5694.950	122.558	74.458	N/A	N/A	48.099	PK
2		5725.000	63.530	58.459	-4.670	68.200	5.070	PK
3	*	5725.070	67.477	62.450	-0.723	68.200	5.027	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



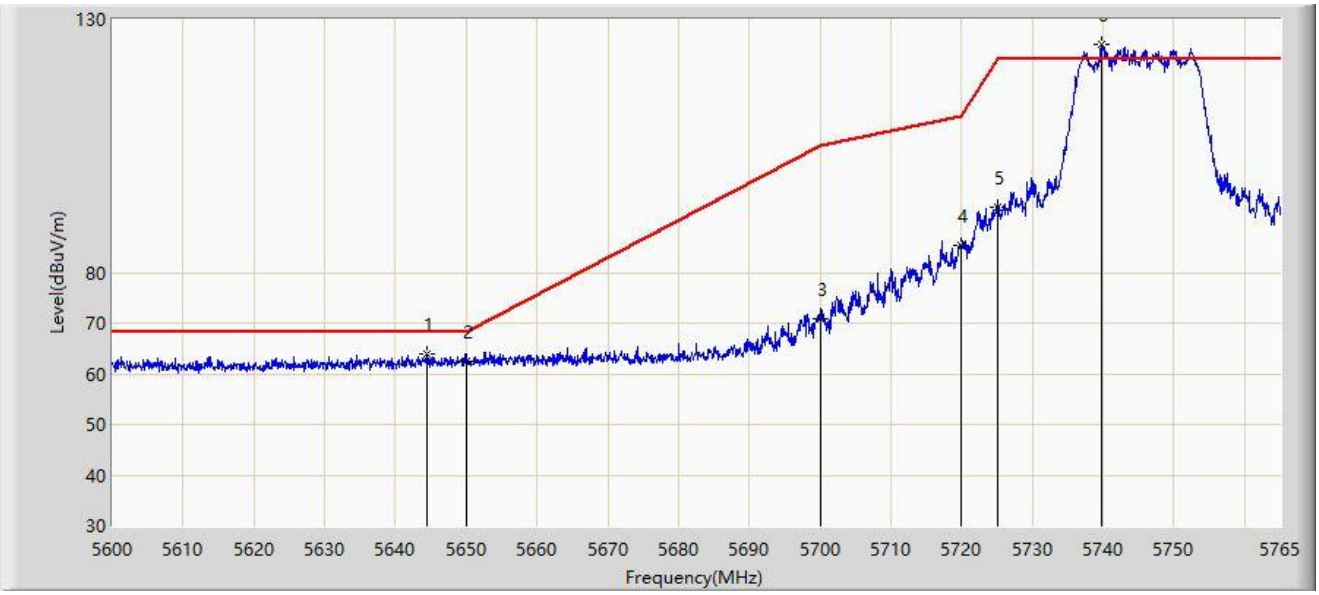
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5636.382	62.284	57.351	-5.916	68.200	4.932	PK
2		5650.000	60.978	55.846	-7.222	68.200	5.132	PK
3		5700.000	64.799	59.671	-40.401	105.200	5.129	PK
4		5720.000	78.534	73.142	-32.266	110.800	5.392	PK
5		5725.000	83.512	78.036	-38.688	122.200	5.476	PK
6		5737.362	119.349	113.786	N/A	N/A	5.563	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



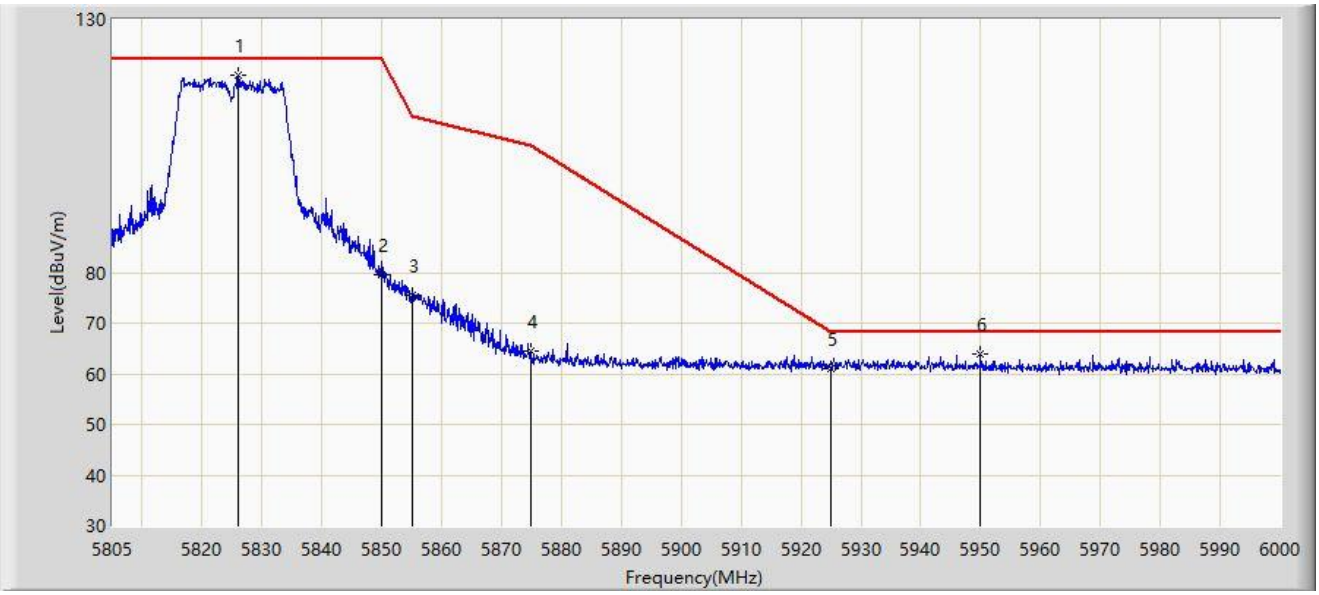
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5644.550	63.935	58.864	-4.265	68.200	5.071	PK
2		5650.000	62.437	57.305	-5.763	68.200	5.132	PK
3		5700.000	70.822	65.694	-34.378	105.200	5.129	PK
4		5720.000	85.424	80.032	-25.376	110.800	5.392	PK
5		5725.000	92.789	87.313	-29.411	122.200	5.476	PK
6		5739.837	125.014	119.435	N/A	N/A	5.579	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



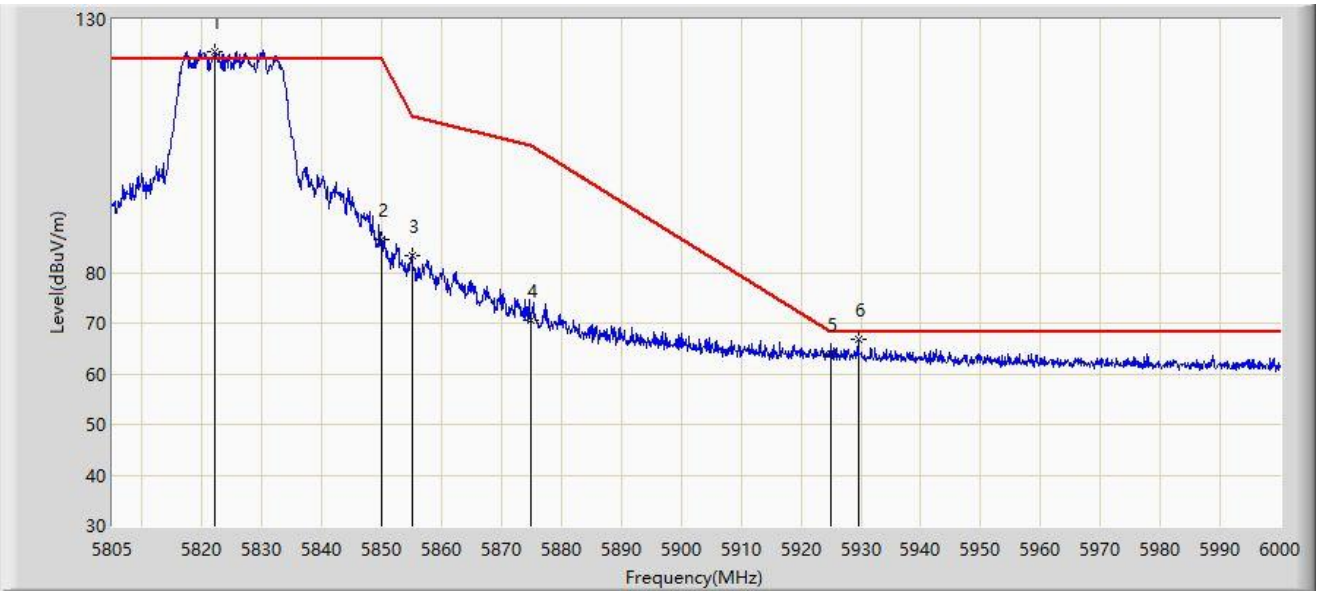
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5825.962	118.941	113.375	N/A	N/A	5.565	PK
2		5850.000	79.563	73.853	-42.637	122.200	5.710	PK
3		5855.000	75.523	69.733	-35.277	110.800	5.790	PK
4		5875.000	64.436	58.523	-40.764	105.200	5.913	PK
5		5925.000	60.995	54.978	-7.205	68.200	6.016	PK
6	*	5949.982	63.865	57.943	-4.335	68.200	5.923	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



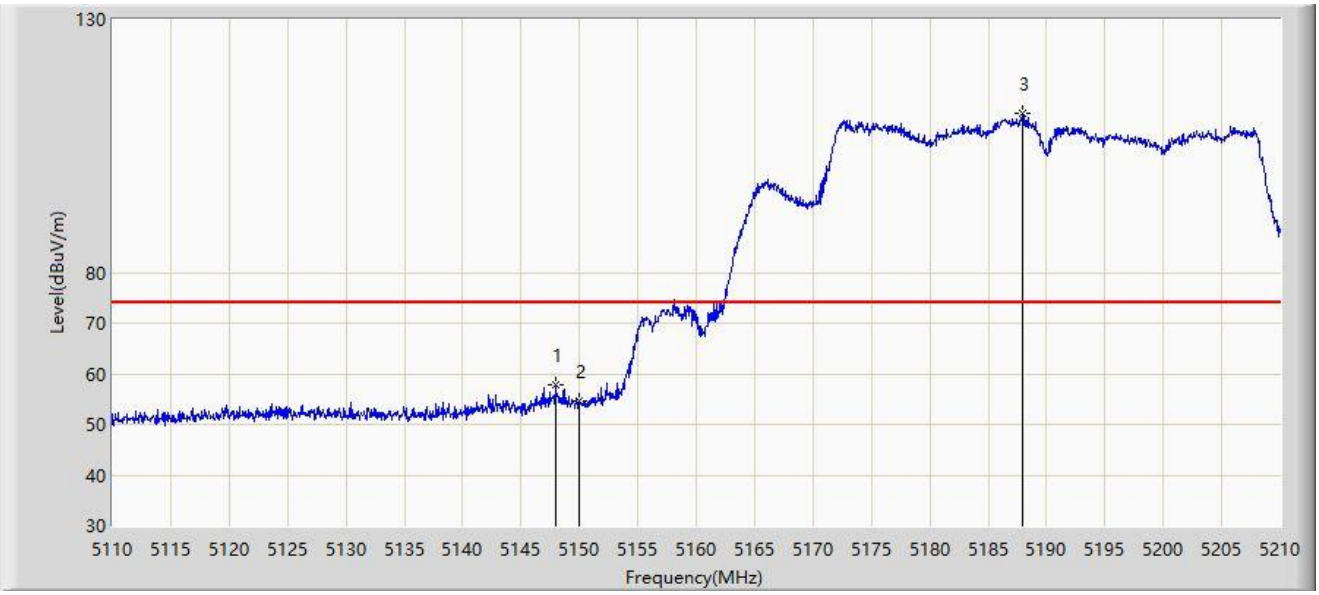
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5822.062	123.614	118.008	N/A	N/A	5.606	PK
2		5850.000	86.412	80.702	-35.788	122.200	5.710	PK
3		5855.000	83.306	77.516	-27.494	110.800	5.790	PK
4		5875.000	70.625	64.712	-34.575	105.200	5.913	PK
5		5925.000	63.839	57.822	-4.361	68.200	6.016	PK
6	*	5929.507	66.931	60.823	-1.269	68.200	6.107	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



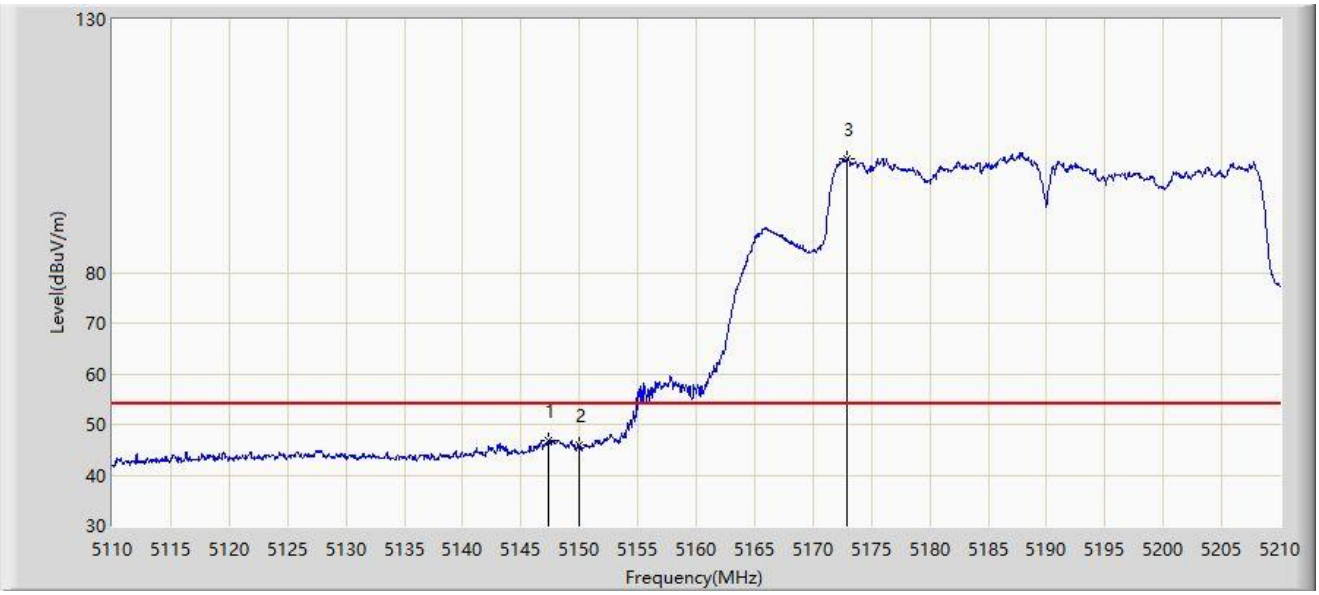
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.950	57.894	56.349	-16.106	74.000	1.545	PK
2		5150.000	54.619	52.690	-19.381	74.000	1.929	PK
3		5188.000	111.407	68.514	N/A	N/A	42.893	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



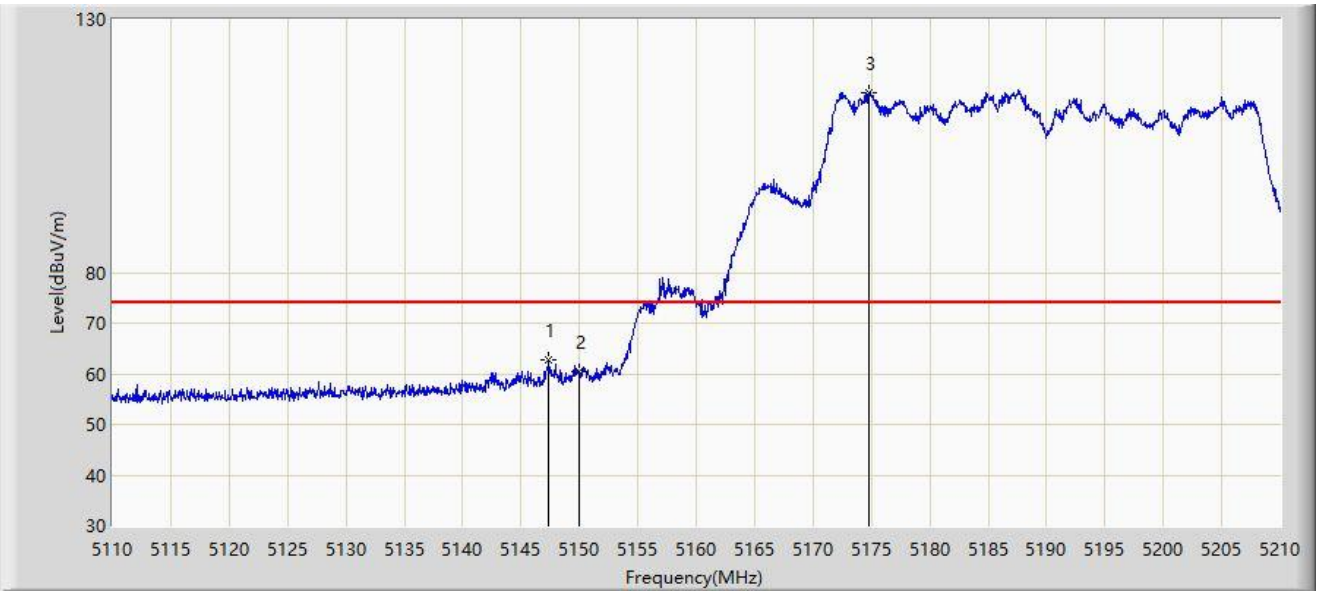
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.400	46.916	45.434	-7.084	54.000	1.482	AV
2		5150.000	45.823	43.894	-8.177	54.000	1.929	AV
3		5172.900	102.552	51.187	N/A	N/A	51.365	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



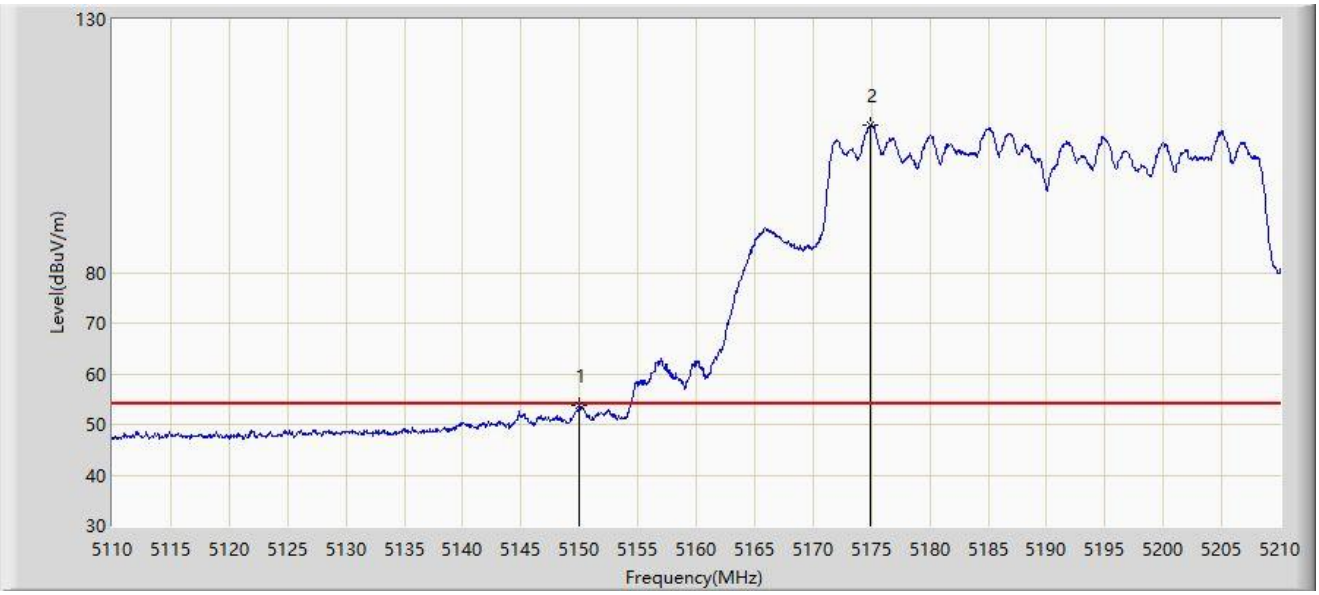
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.350	62.735	61.259	-11.265	74.000	1.475	PK
2		5150.000	60.306	58.377	-13.694	74.000	1.929	PK
3		5174.750	115.576	64.534	N/A	N/A	51.043	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



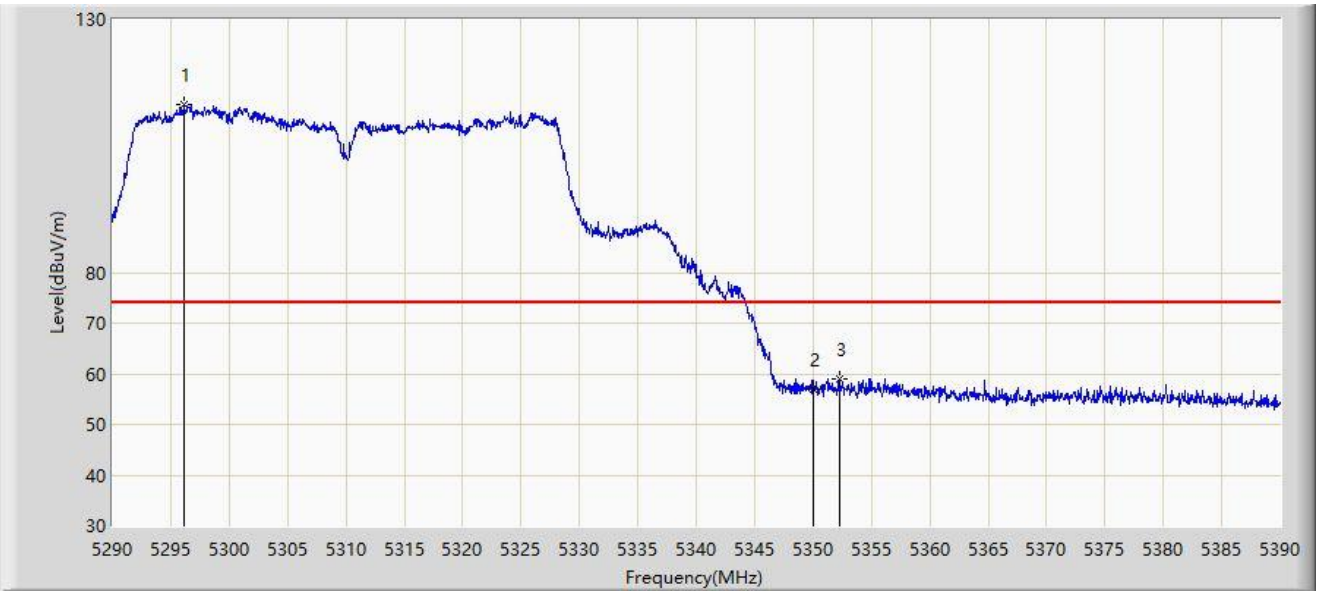
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	53.642	51.713	-0.358	54.000	1.929	AV
2		5174.950	109.065	58.279	N/A	N/A	50.786	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



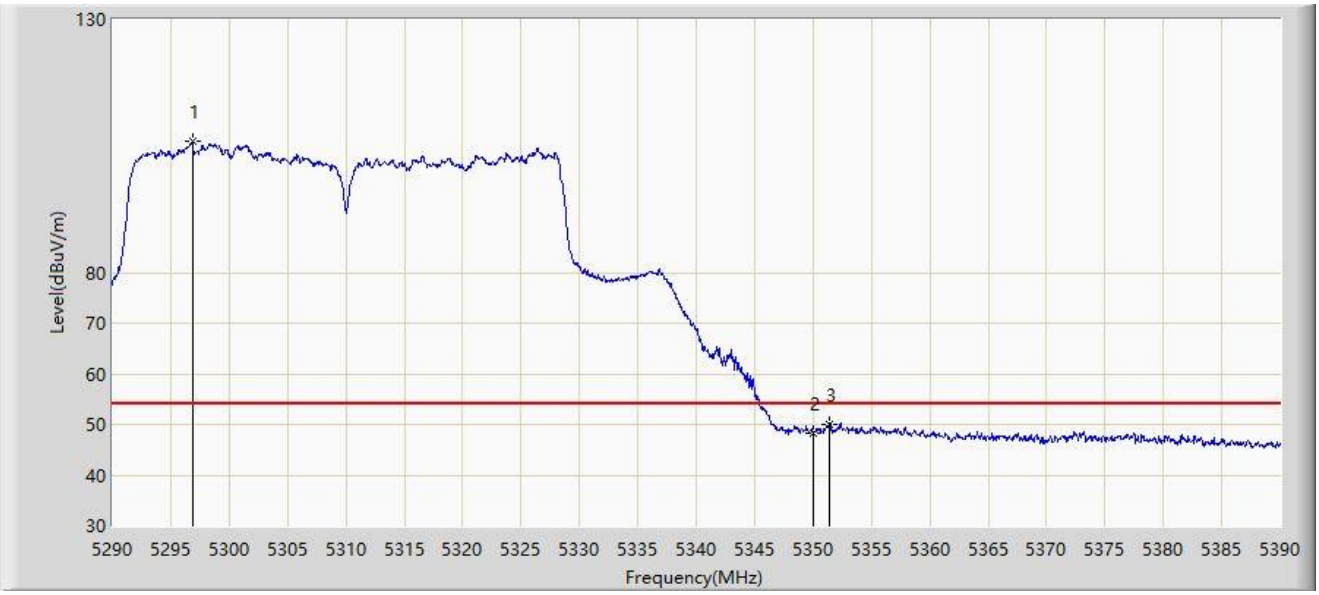
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5296.100	113.287	66.375	N/A	N/A	46.912	PK
2		5350.000	56.992	52.888	-17.008	74.000	4.104	PK
3	*	5352.250	59.103	55.782	-14.897	74.000	3.321	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



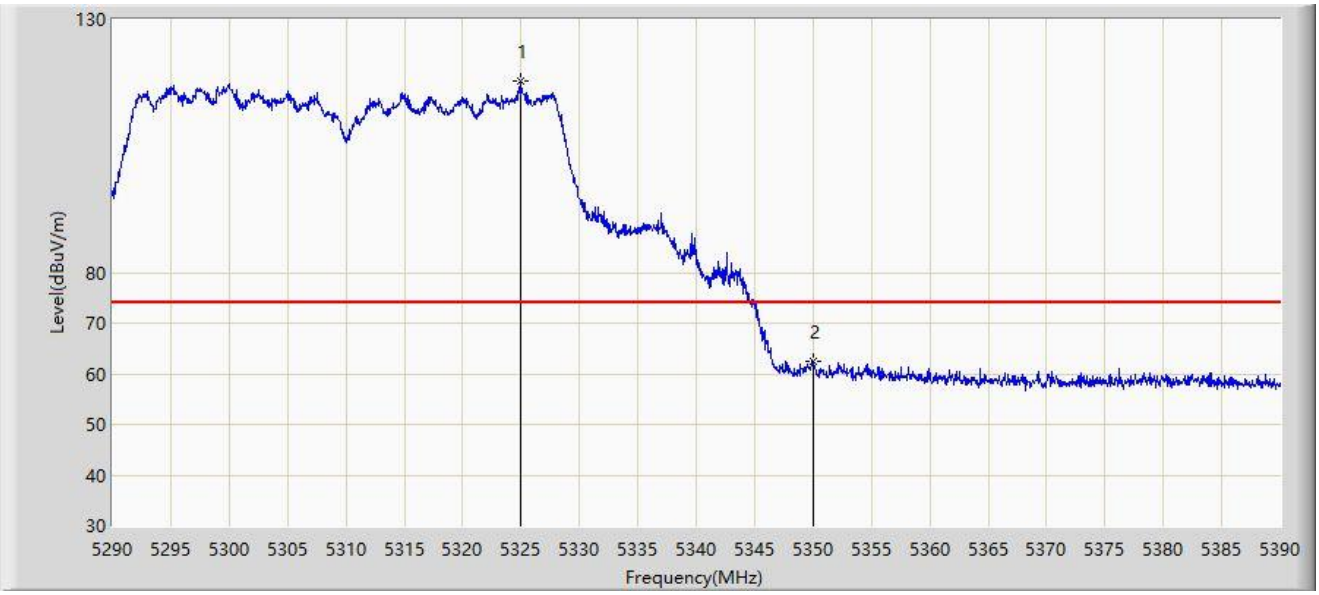
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5296.900	105.848	57.689	N/A	N/A	48.159	AV
2		5350.000	48.259	44.155	-5.741	54.000	4.104	AV
3	*	5351.350	50.102	46.557	-3.898	54.000	3.545	AV

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



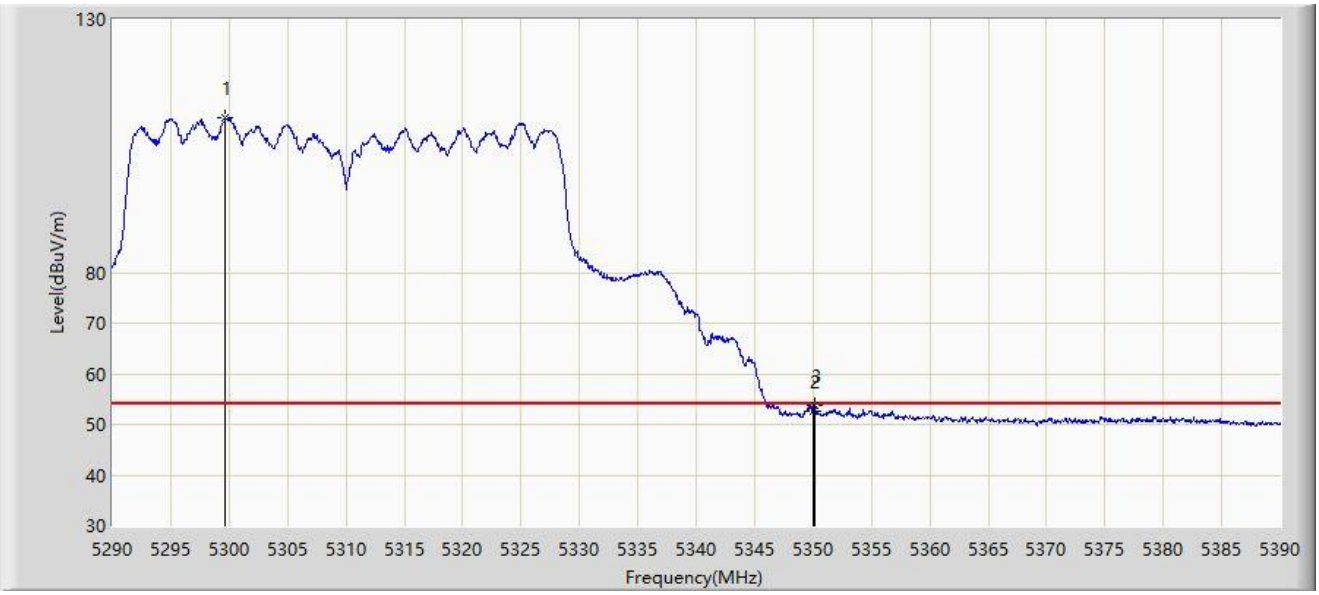
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5324.900	117.697	72.103	N/A	N/A	45.594	PK
2	*	5350.000	62.372	58.268	-11.628	74.000	4.104	PK

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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



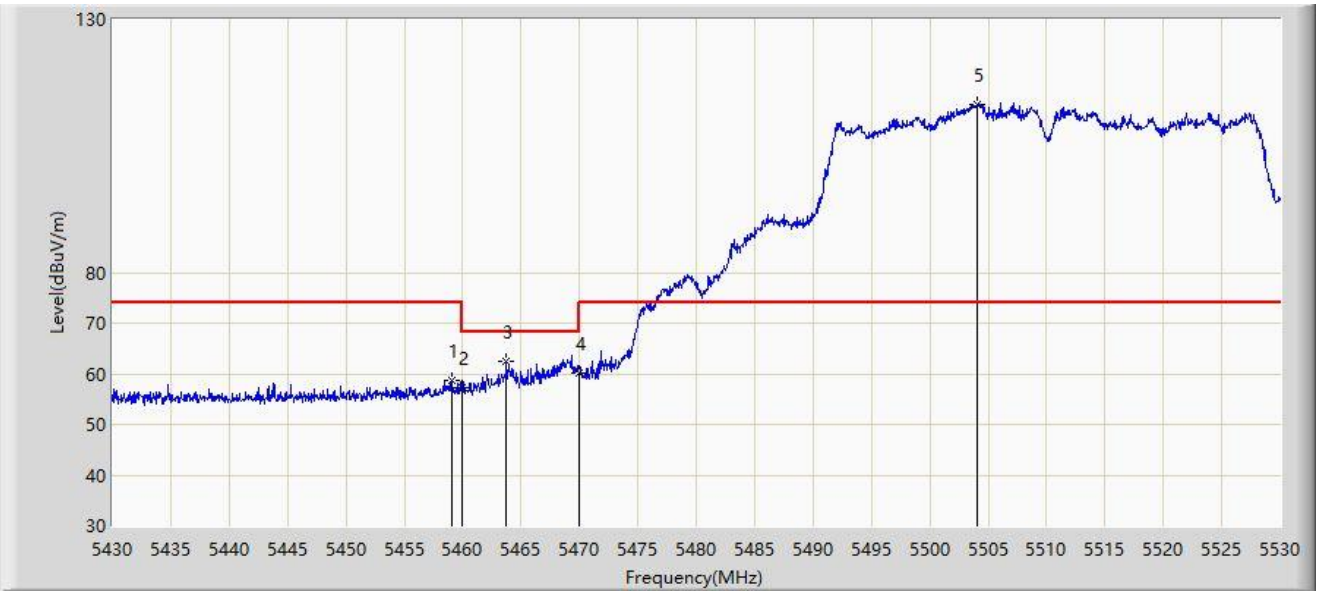
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5299.700	110.656	62.234	N/A	N/A	48.422	AV
2		5350.000	52.517	48.413	-1.483	54.000	4.104	AV
3	*	5350.100	53.681	49.629	-0.319	54.000	4.052	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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		5459.100	58.830	57.283	-15.170	74.000	1.547	PK
2		5460.000	57.168	55.527	-11.032	68.200	1.641	PK
3	*	5463.700	62.349	60.293	-5.851	68.200	2.056	PK
4		5470.000	60.127	56.790	-8.073	68.200	3.337	PK
5		5504.050	113.186	64.424	N/A	N/A	48.762	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	

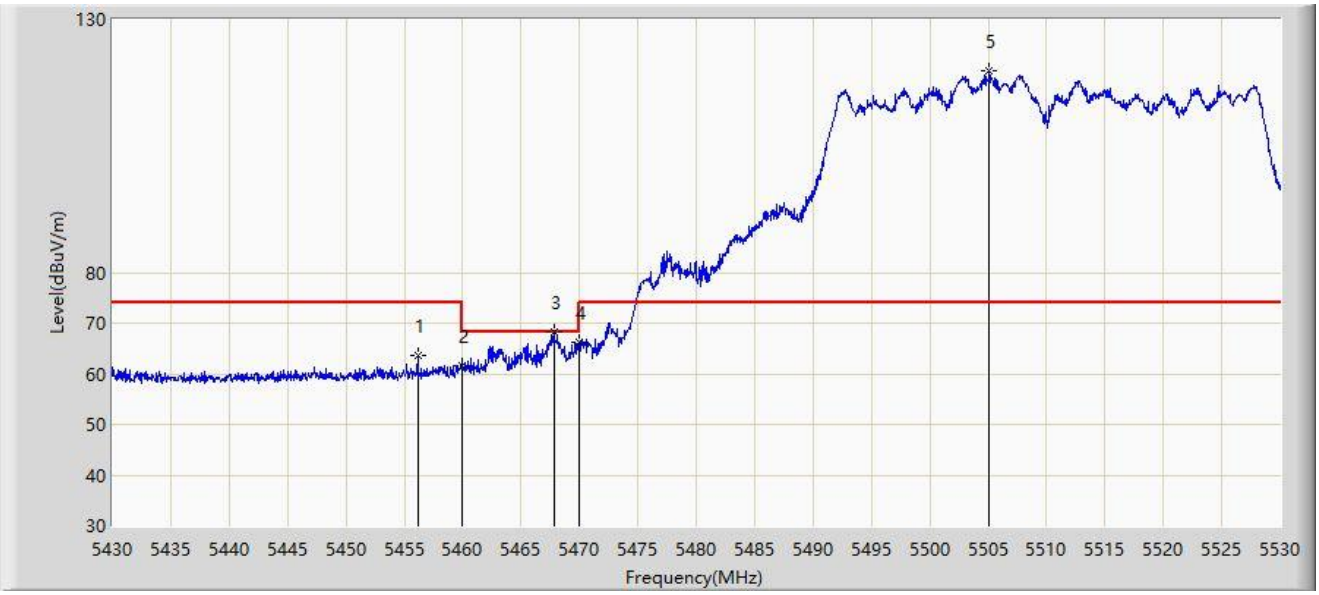
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5458.250	49.303	47.775	-4.697	54.000	1.529	AV
2		5460.000	48.058	46.417	-5.942	54.000	1.641	AV
3		5504.000	105.981	57.288	N/A	N/A	48.693	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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	63.690	62.351	-10.310	74.000	1.339	PK
2		5460.000	61.578	59.937	-6.622	68.200	1.641	PK
3	*	5467.800	68.156	65.336	-0.044	68.200	2.821	PK
4		5470.000	66.087	62.750	-2.113	68.200	3.337	PK
5		5505.050	119.800	69.959	N/A	N/A	49.841	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	

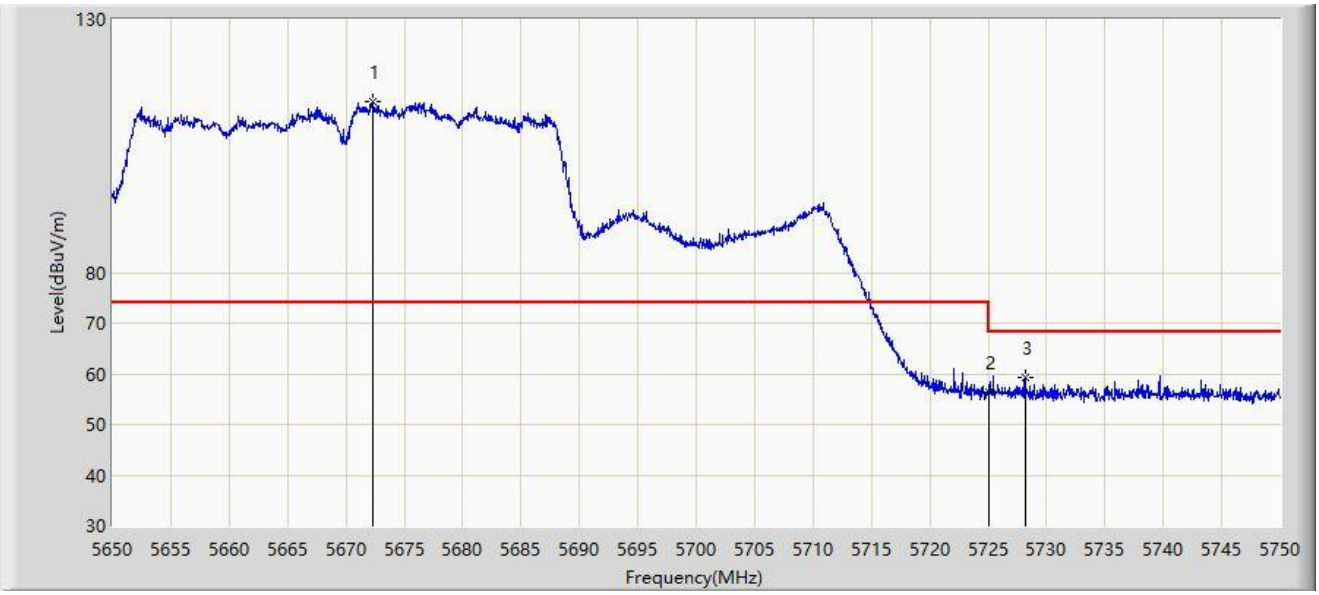
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.950	53.855	52.218	-0.145	54.000	1.637	AV
2		5460.000	53.458	51.817	-0.542	54.000	1.641	AV
3		5504.900	112.551	62.787	N/A	N/A	49.764	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



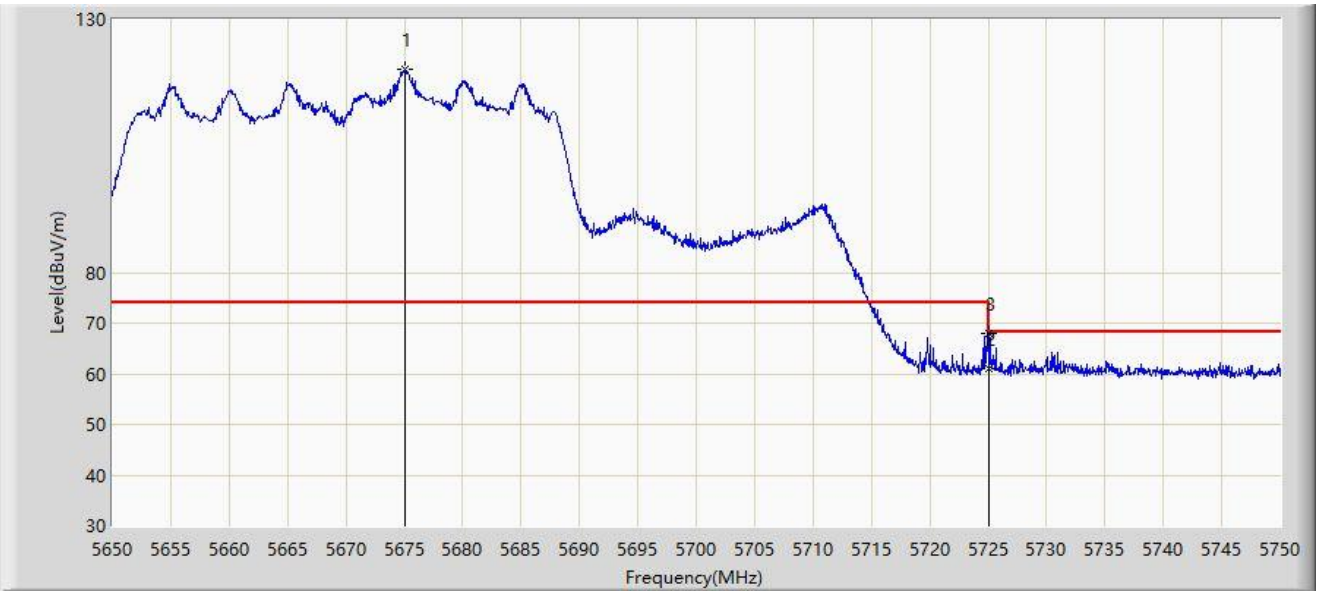
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5672.350	113.729	68.557	N/A	N/A	45.171	PK
2		5725.000	56.451	51.380	-11.749	68.200	5.070	PK
3	*	5728.150	59.277	55.550	-8.923	68.200	3.728	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



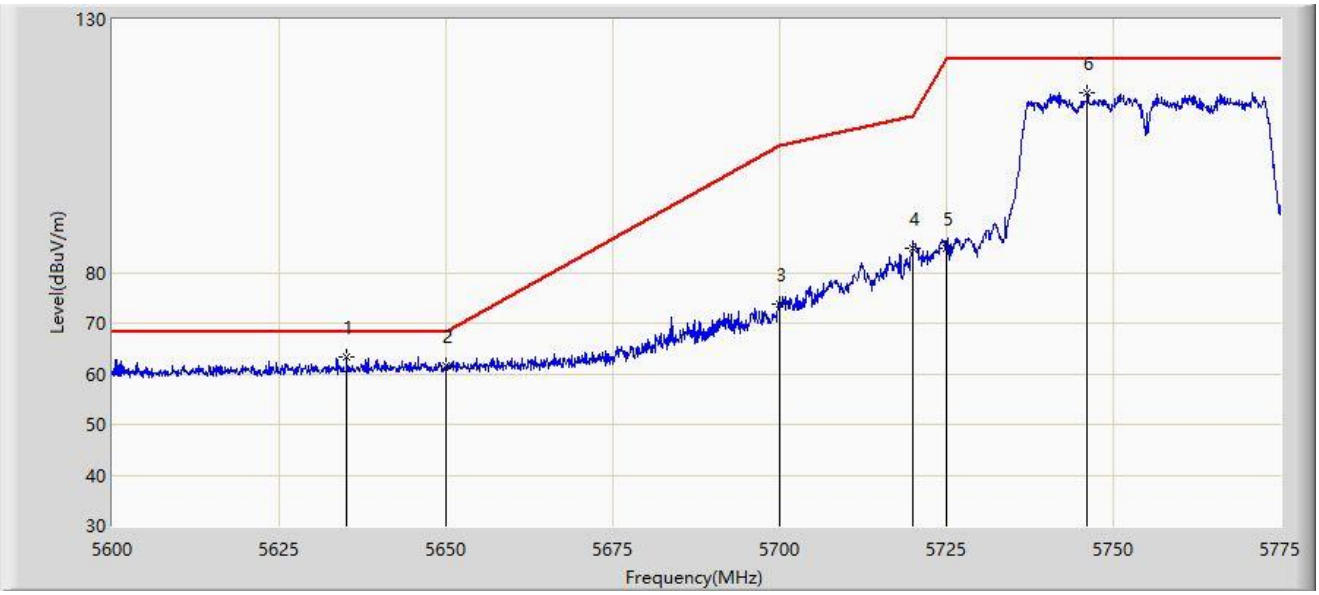
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5675.000	120.252	76.212	N/A	N/A	44.040	PK
2		5725.000	61.046	55.975	-7.154	68.200	5.070	PK
3	*	5725.100	67.909	62.900	-0.291	68.200	5.009	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



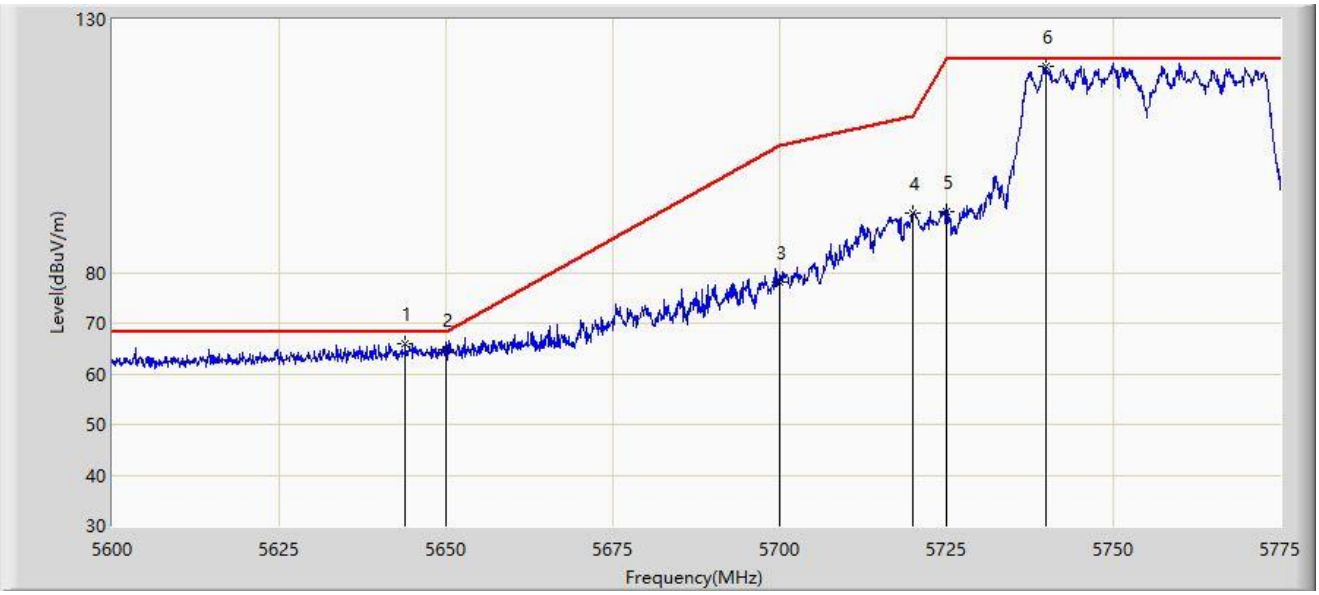
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5635.175	63.406	58.502	-4.794	68.200	4.904	PK
2		5650.000	61.525	56.393	-6.675	68.200	5.132	PK
3		5700.000	73.716	68.588	-31.484	105.200	5.129	PK
4		5720.000	84.733	79.341	-26.067	110.800	5.392	PK
5		5725.000	84.775	79.299	-37.425	122.200	5.476	PK
6		5746.125	115.581	110.014	N/A	N/A	5.567	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



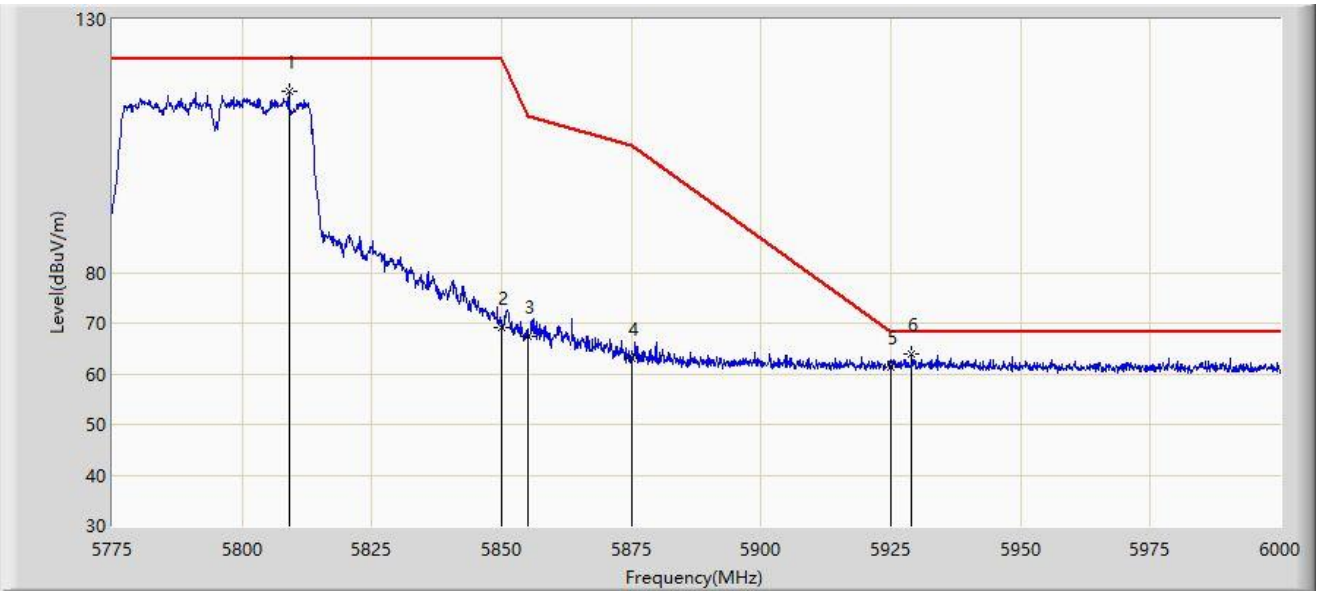
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5643.837	65.967	60.904	-2.233	68.200	5.063	PK
2		5650.000	64.727	59.595	-3.473	68.200	5.132	PK
3		5700.000	78.089	72.961	-27.111	105.200	5.129	PK
4		5720.000	91.794	86.402	-19.006	110.800	5.392	PK
5		5725.000	92.140	86.664	-30.060	122.200	5.476	PK
6		5740.000	120.858	115.278	N/A	N/A	5.580	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



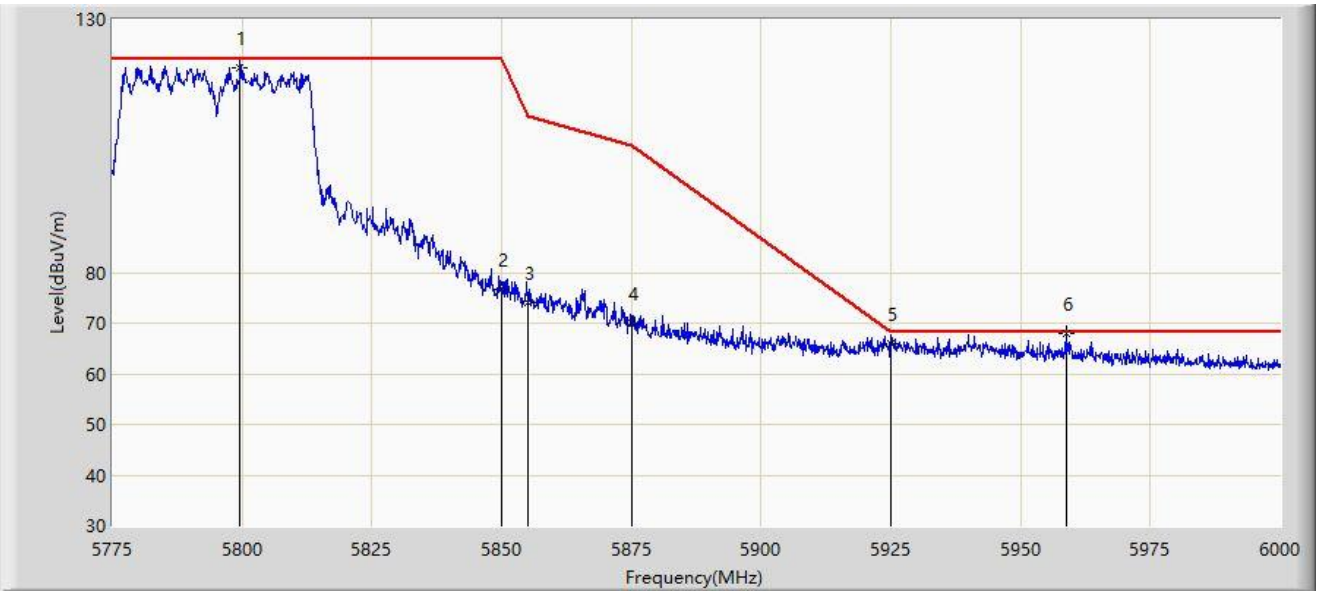
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5809.087	115.921	110.151	N/A	N/A	5.770	PK
2		5850.000	69.123	63.413	-53.077	122.200	5.710	PK
3		5855.000	67.407	61.617	-43.393	110.800	5.790	PK
4		5875.000	63.063	57.150	-42.137	105.200	5.913	PK
5		5925.000	61.347	55.330	-6.853	68.200	6.016	PK
6	*	5929.013	64.012	57.914	-4.188	68.200	6.098	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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	120.422	114.557	N/A	N/A	5.865	PK
2		5850.000	76.644	70.934	-45.556	122.200	5.710	PK
3		5855.000	74.175	68.385	-36.625	110.800	5.790	PK
4		5875.000	70.043	64.130	-35.157	105.200	5.913	PK
5		5925.000	65.954	59.937	-2.246	68.200	6.016	PK
6	*	5958.937	67.931	62.014	-0.269	68.200	5.917	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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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	*	5146.610	58.580	64.482	-15.420	74.000	-5.903	PK
2		5150.000	54.887	60.220	-19.113	74.000	-5.333	PK
3		5221.370	104.279	65.747	N/A	N/A	38.533	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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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	*	5141.850	49.133	55.592	-4.867	54.000	-6.459	AV
2		5150.000	48.203	53.536	-5.797	54.000	-5.333	AV
3		5216.540	96.982	59.118	N/A	N/A	37.864	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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	

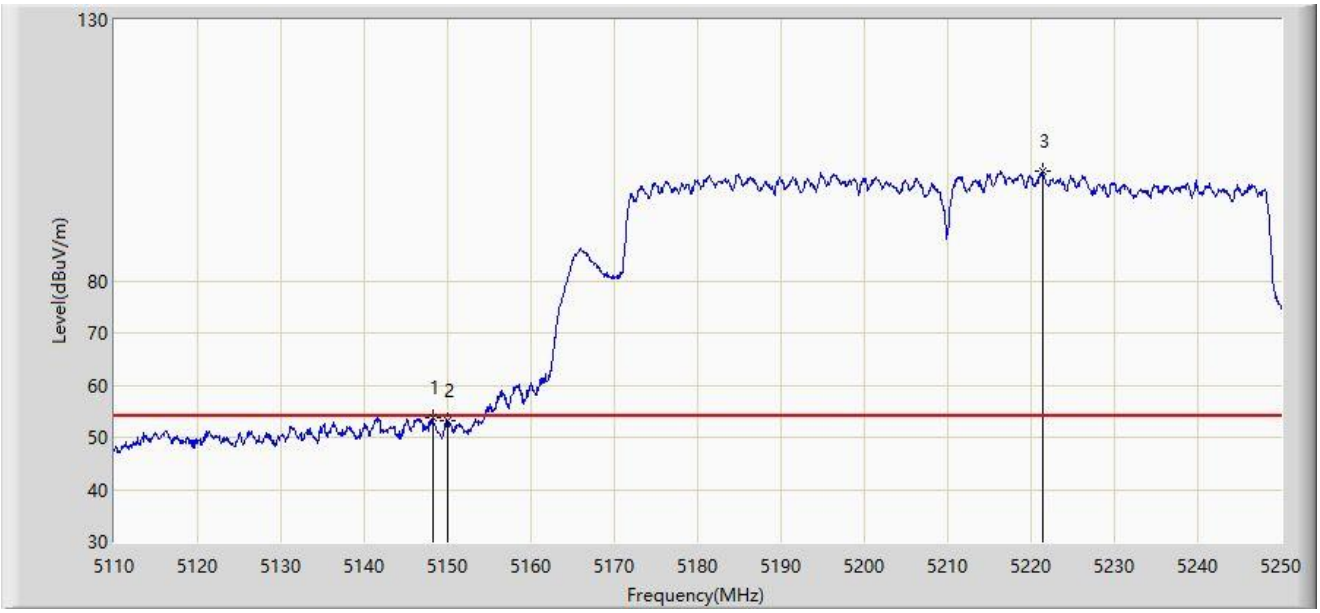
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.330	64.013	69.937	-9.987	74.000	-5.924	PK
2		5150.000	61.395	66.728	-12.605	74.000	-5.333	PK
3		5216.260	108.058	70.568	N/A	N/A	37.490	PK

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



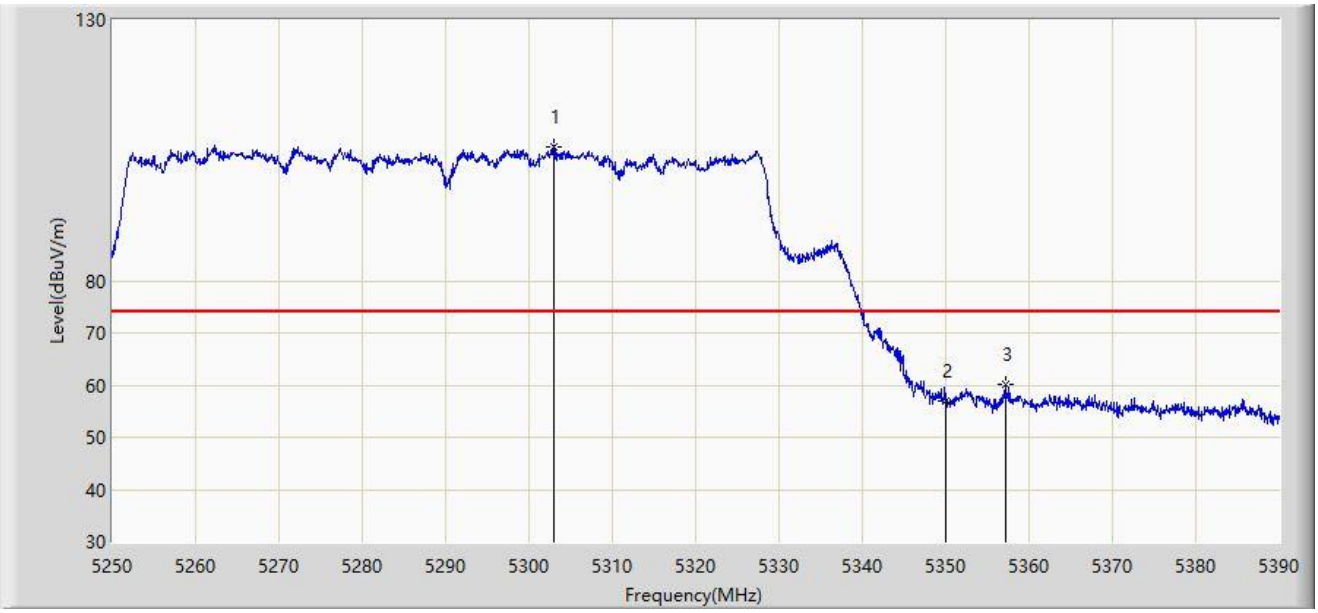
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.220	53.896	59.546	-0.104	54.000	-5.650	AV
2		5150.000	53.301	58.634	-0.699	54.000	-5.333	AV
3		5221.370	101.115	62.583	N/A	N/A	38.533	AV

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



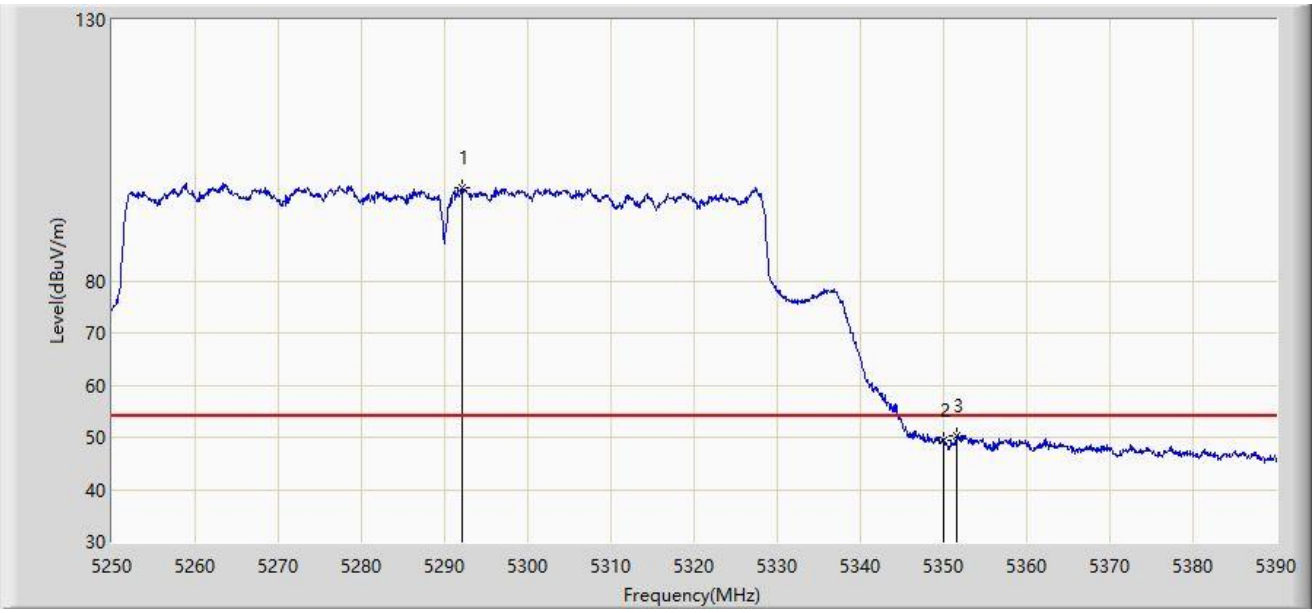
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5302.920	105.677	69.316	N/A	N/A	36.361	PK
2		5350.000	57.034	60.253	-16.966	74.000	-3.219	PK
3	*	5357.170	60.131	65.279	-13.869	74.000	-5.149	PK

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



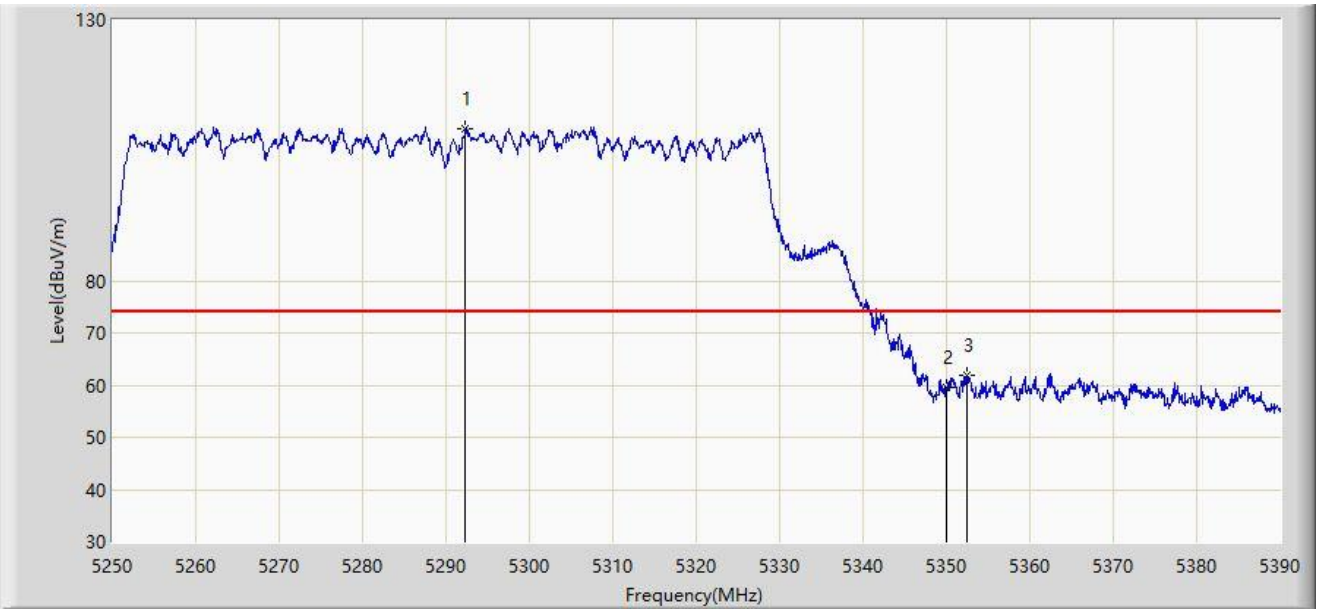
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5292.070	97.893	62.217	N/A	N/A	35.676	AV
2		5350.000	49.330	52.549	-4.670	54.000	-3.219	AV
3	*	5351.500	50.390	54.249	-3.610	54.000	-3.859	AV

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



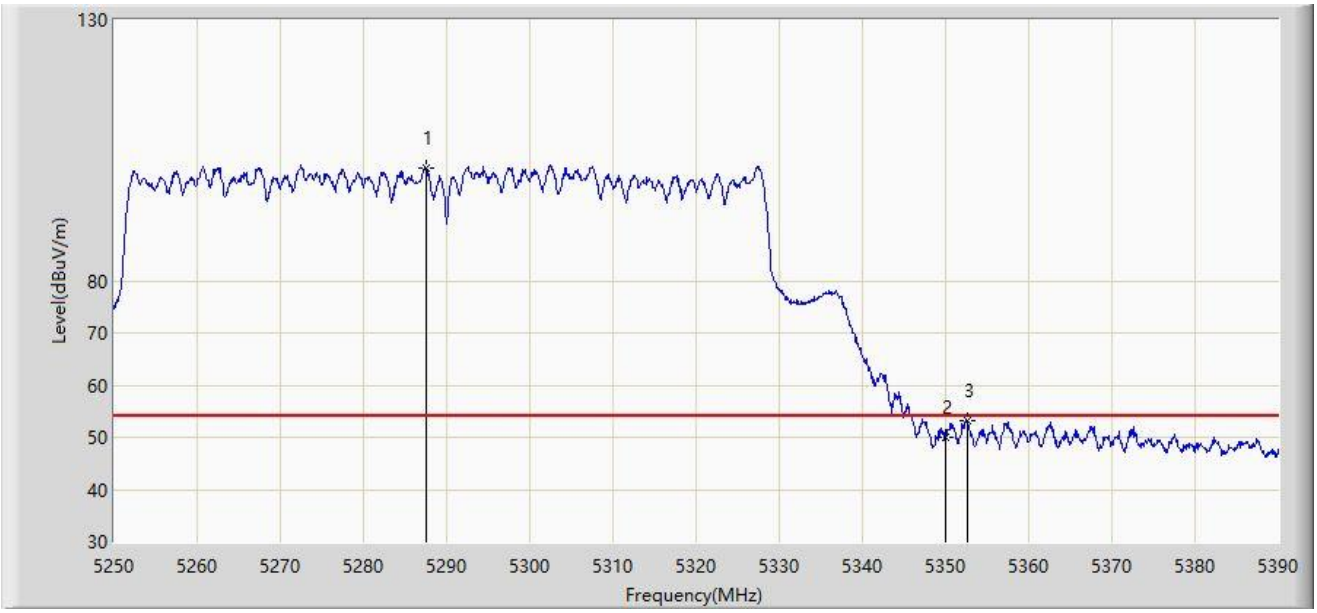
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5292.350	109.180	73.382	N/A	N/A	35.798	PK
2		5350.000	59.464	62.683	-14.536	74.000	-3.219	PK
3	*	5352.480	61.939	66.078	-12.061	74.000	-4.140	PK

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



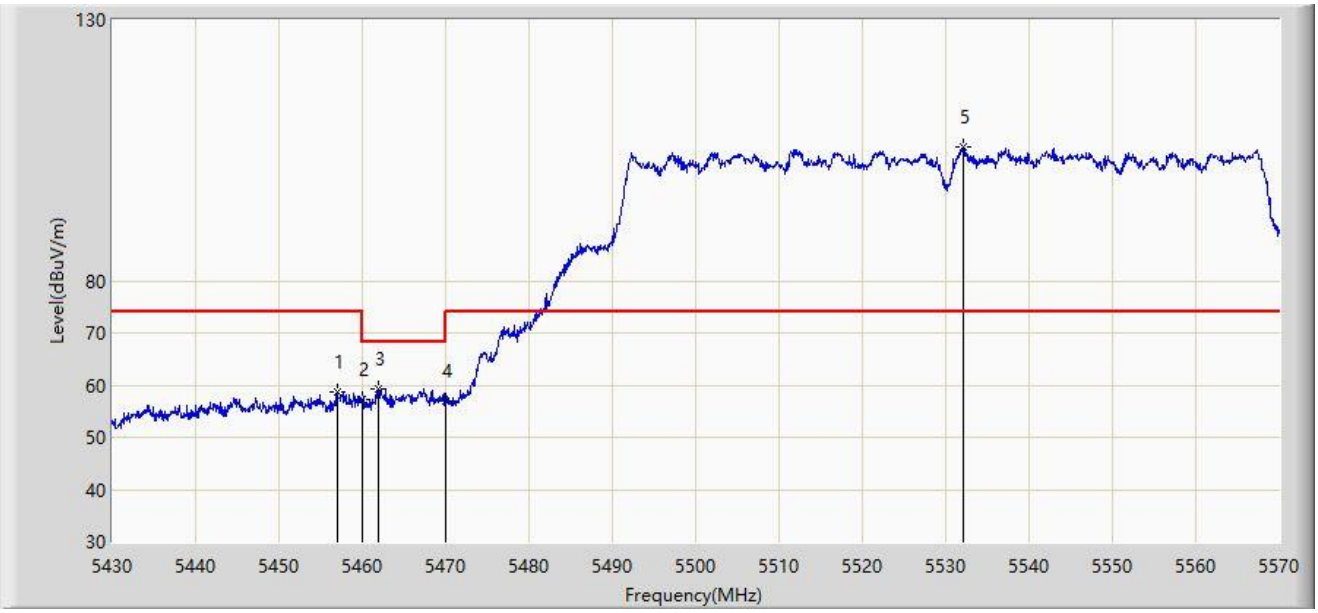
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5287.520	101.595	65.063	N/A	N/A	36.532	AV
2		5350.000	49.995	53.214	-4.005	54.000	-3.219	AV
3	*	5352.620	53.304	57.487	-0.696	54.000	-4.184	AV

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



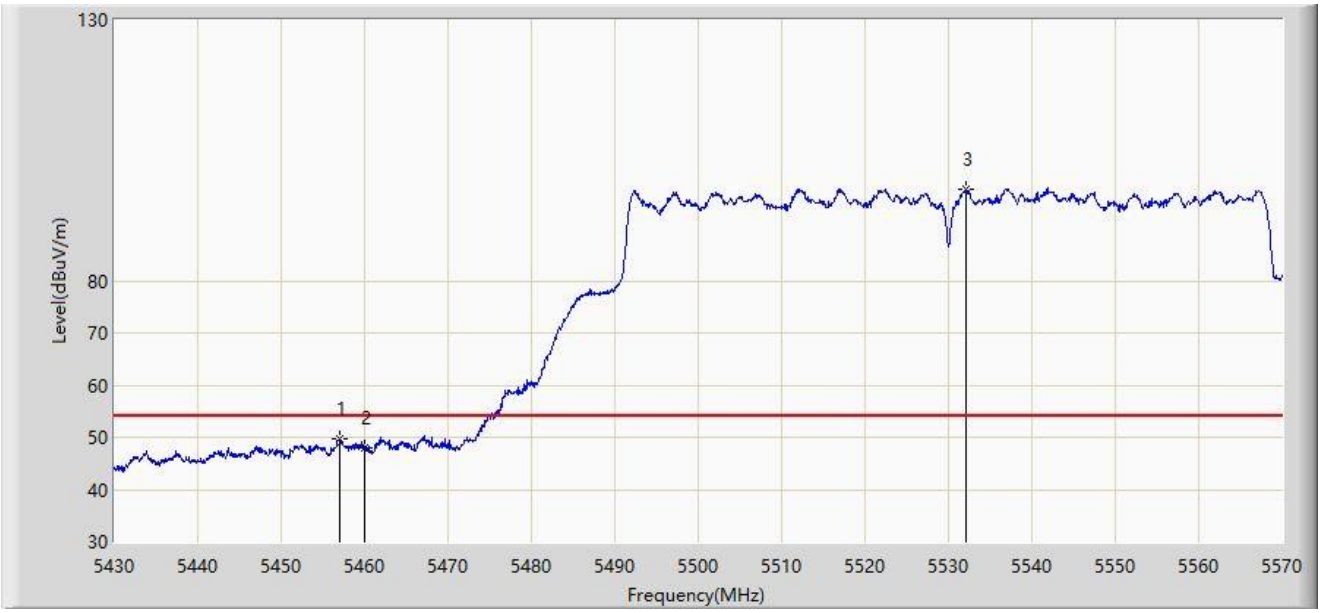
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5456.950	58.767	64.665	-15.233	74.000	-5.898	PK
2		5460.000	57.170	62.831	-11.030	68.200	-5.661	PK
3	*	5461.850	59.387	64.891	-8.813	68.200	-5.504	PK
4		5470.000	56.947	61.076	-11.253	68.200	-4.129	PK
5		5532.060	105.728	61.883	N/A	N/A	43.845	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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



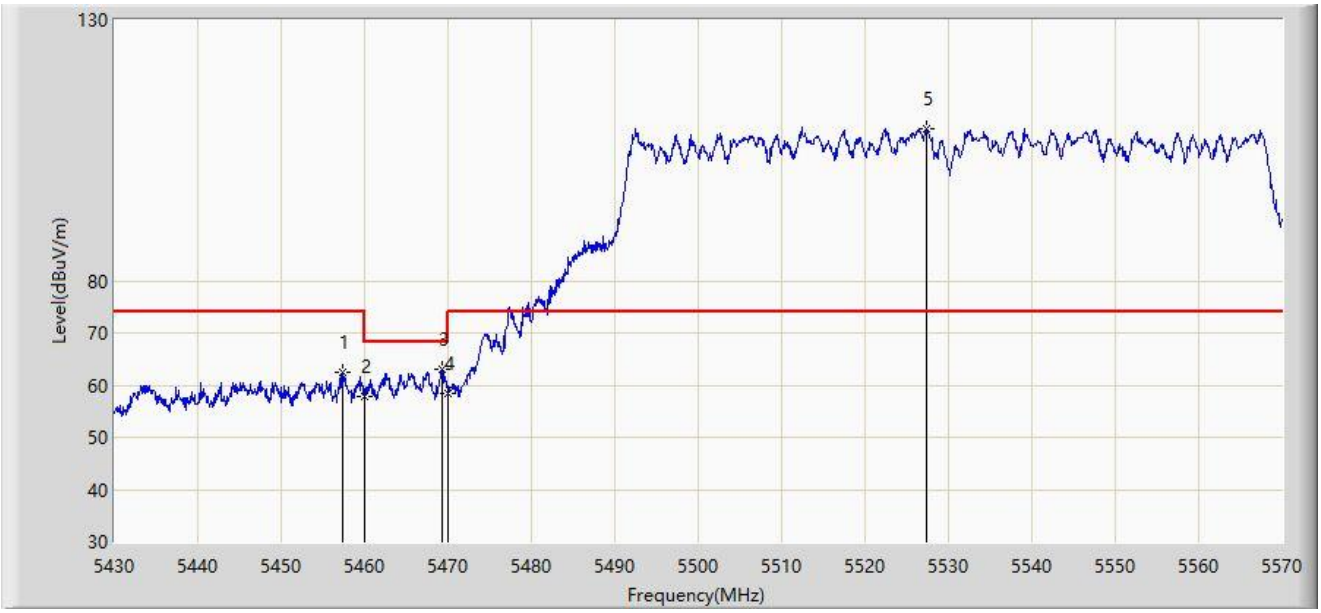
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.020	49.855	55.751	-4.145	54.000	-5.897	AV
2		5460.000	47.995	53.656	-6.005	54.000	-5.661	AV
3		5532.060	97.480	53.635	N/A	N/A	43.845	AV

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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



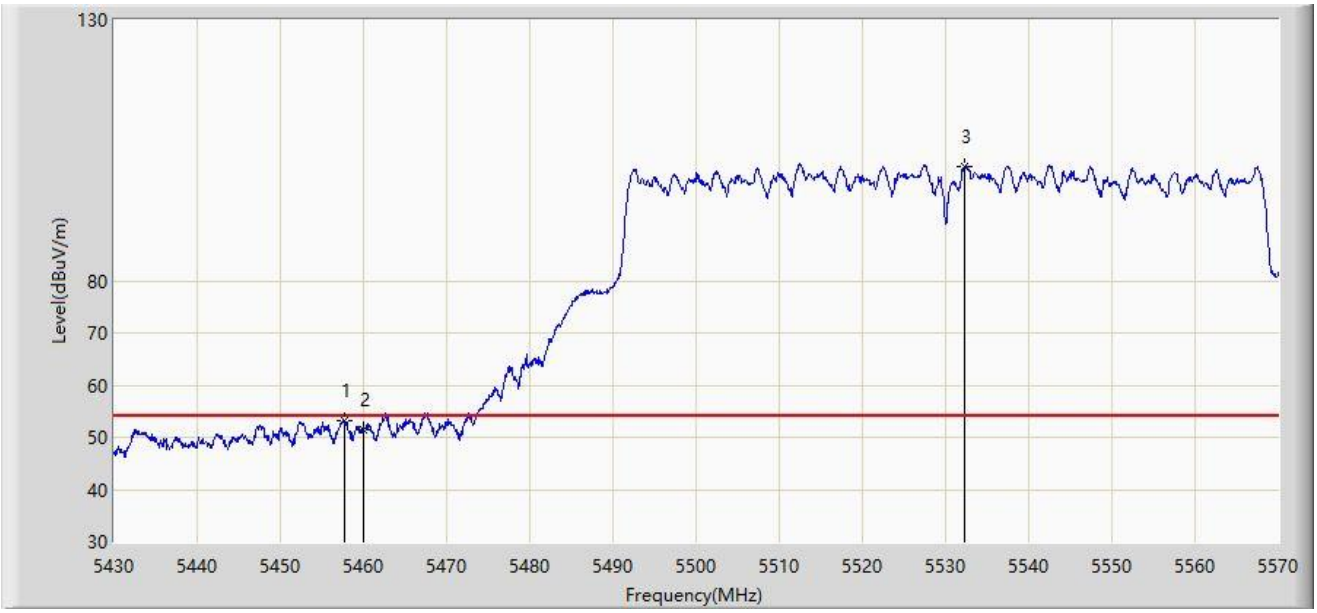
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5457.440	62.604	68.492	-11.396	74.000	-5.888	PK
2		5460.000	57.930	63.591	-10.270	68.200	-5.661	PK
3	*	5469.340	62.997	67.272	-5.203	68.200	-4.275	PK
4		5470.000	58.424	62.553	-9.776	68.200	-4.129	PK
5		5527.440	109.016	71.822	N/A	N/A	37.194	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: SIP-AC1	Time: 2022/11/25
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



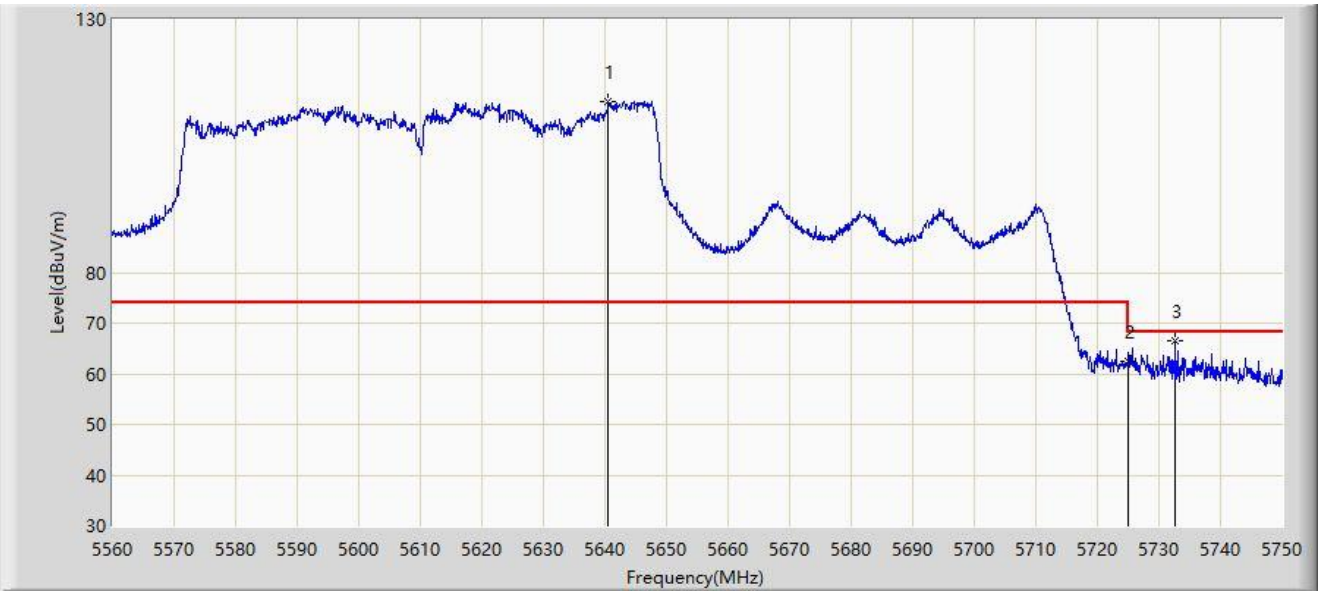
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.720	53.242	59.107	-0.758	54.000	-5.865	AV
2		5460.000	51.535	57.196	-2.465	54.000	-5.661	AV
3		5532.340	101.910	58.403	N/A	N/A	43.507	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



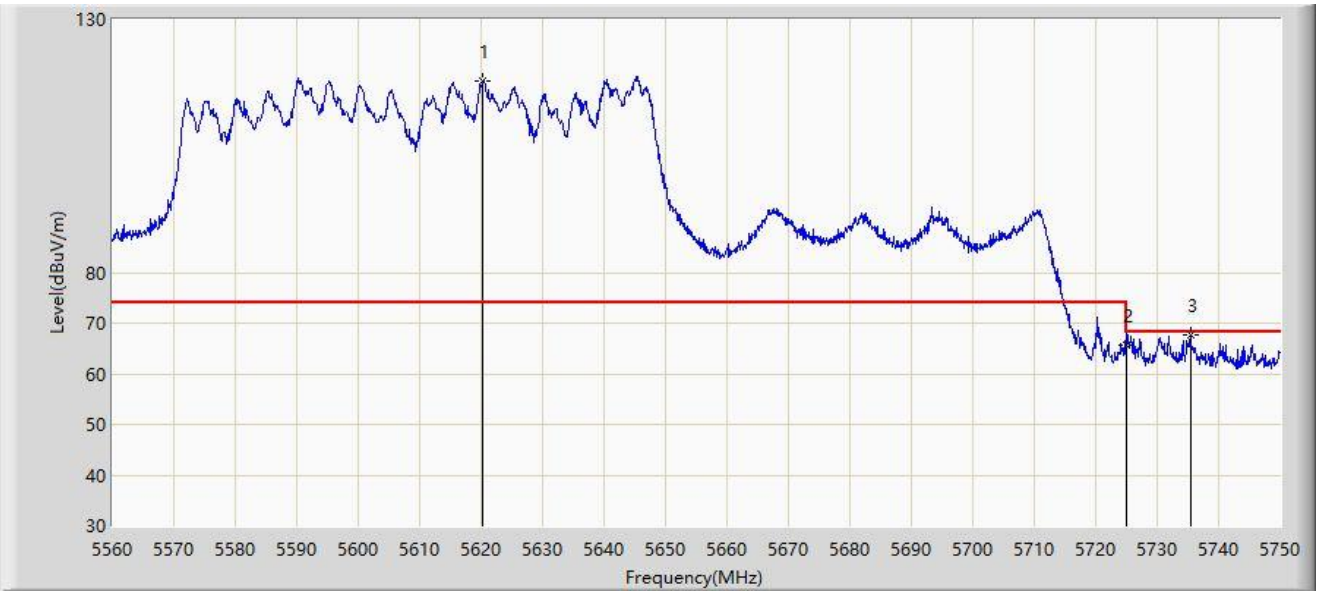
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5640.465	113.652	71.289	N/A	N/A	42.364	PK
2		5725.000	62.540	57.469	-5.660	68.200	5.070	PK
3	*	5732.710	66.412	63.650	-1.788	68.200	2.762	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



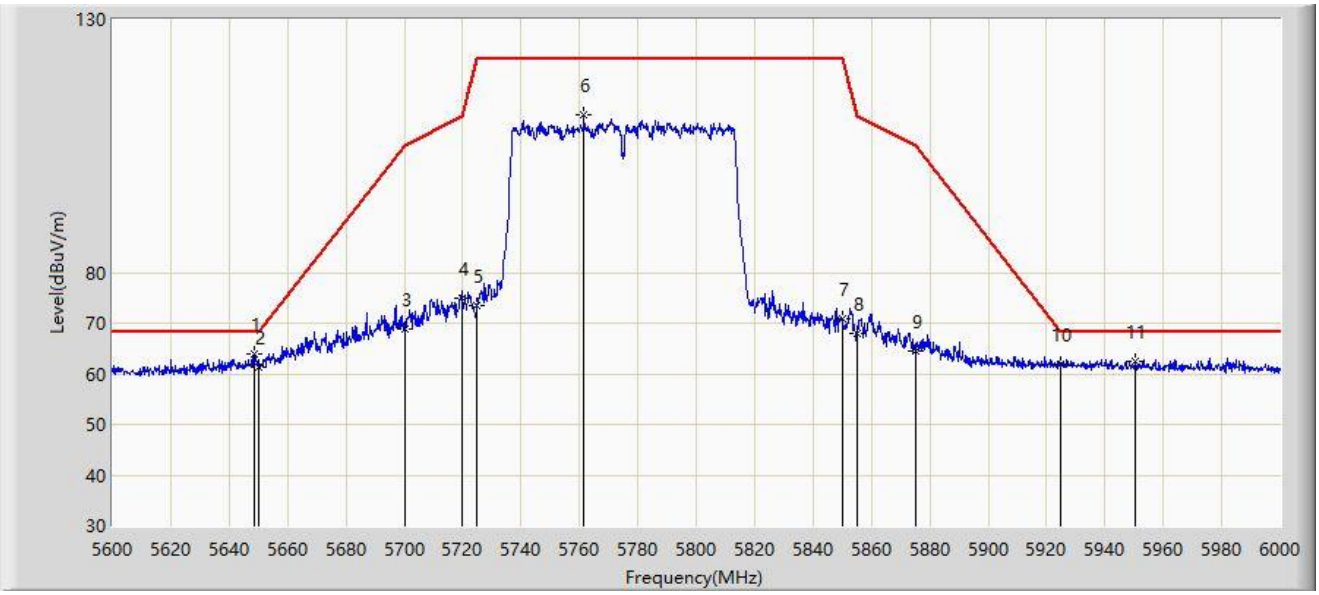
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5620.325	117.768	73.615	N/A	N/A	44.153	PK
2		5725.000	65.772	60.701	-2.428	68.200	5.070	PK
3	*	5735.465	67.723	65.262	-0.477	68.200	2.461	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



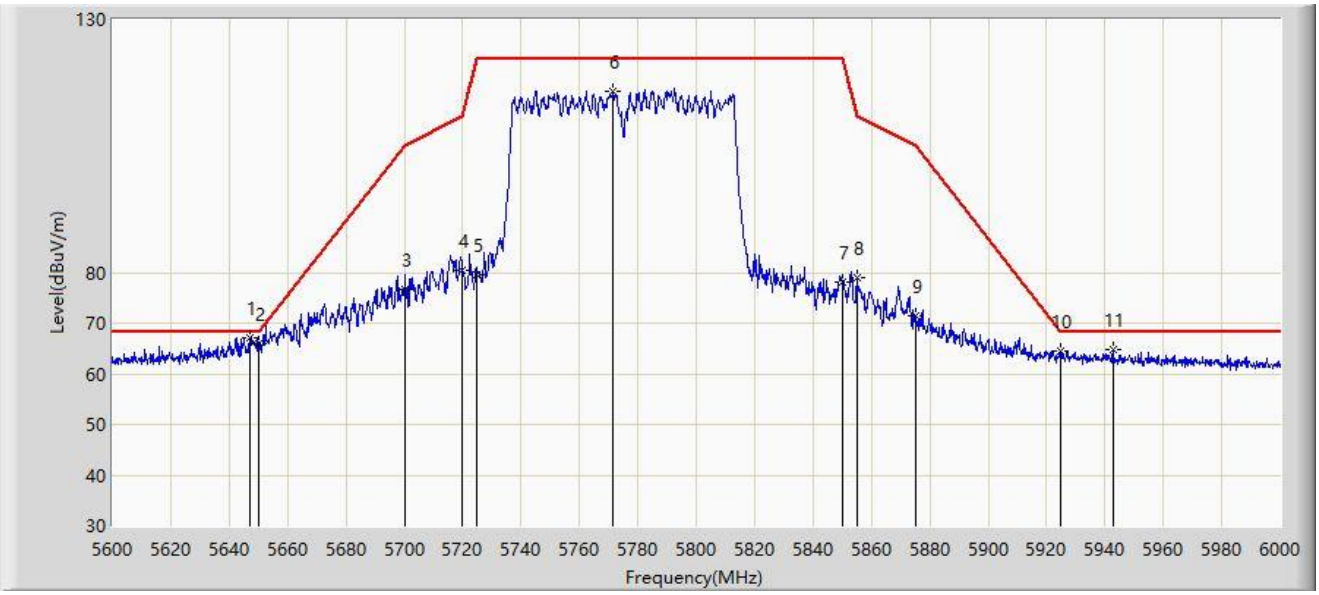
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5648.800	63.970	58.851	-4.230	68.200	5.119	PK
2		5650.000	61.198	56.066	-7.002	68.200	5.132	PK
3		5700.000	68.758	63.630	-36.442	105.200	5.129	PK
4		5720.000	75.030	69.638	-35.770	110.800	5.392	PK
5		5725.000	73.563	68.087	-48.637	122.200	5.476	PK
6		5761.600	111.033	105.659	N/A	N/A	5.375	PK
7		5850.000	70.770	65.060	-51.430	122.200	5.710	PK
8		5855.000	68.027	62.237	-42.773	110.800	5.790	PK
9		5875.000	64.475	58.562	-40.725	105.200	5.913	PK
10		5925.000	61.747	55.730	-6.453	68.200	6.016	PK
11		5950.200	62.521	56.599	-5.679	68.200	5.923	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



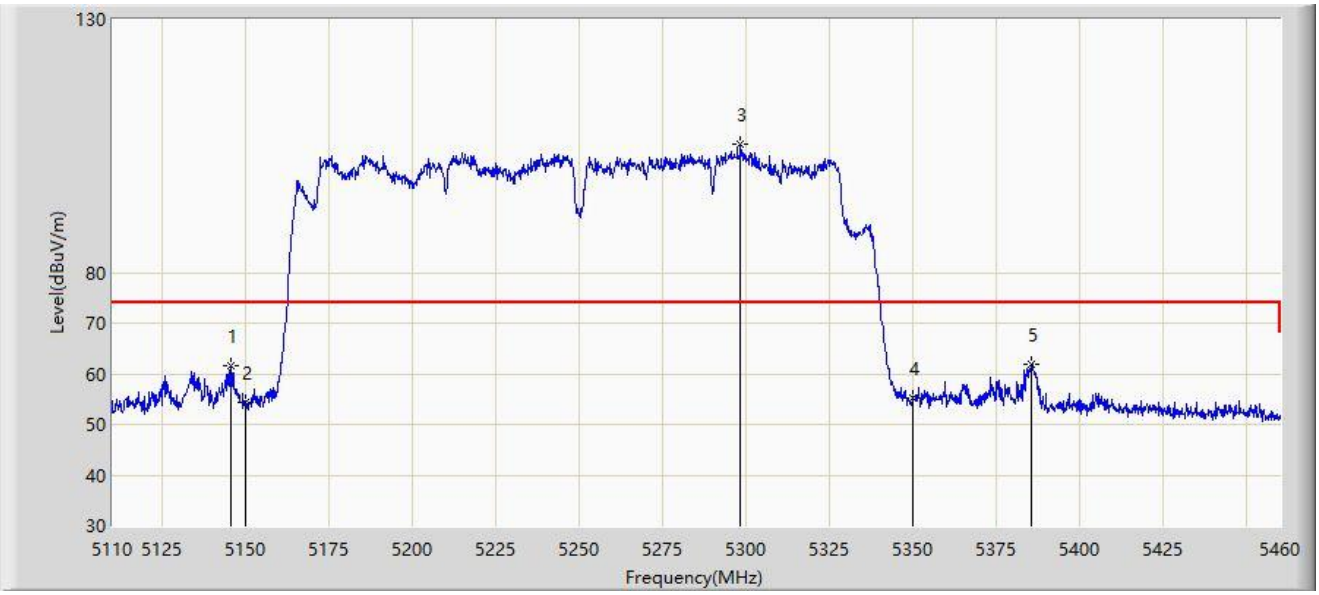
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5647.000	67.201	62.103	-0.999	68.200	5.098	PK
2		5650.000	65.990	60.858	-2.210	68.200	5.132	PK
3		5700.000	76.620	71.492	-28.580	105.200	5.129	PK
4		5720.000	80.505	75.113	-30.295	110.800	5.392	PK
5		5725.000	79.576	74.100	-42.624	122.200	5.476	PK
6		5771.400	115.723	110.245	N/A	N/A	5.479	PK
7		5850.000	78.002	72.292	-44.198	122.200	5.710	PK
8		5855.000	78.889	73.099	-31.911	110.800	5.790	PK
9		5875.000	71.395	65.482	-33.805	105.200	5.913	PK
10		5925.000	64.415	58.398	-3.785	68.200	6.016	PK
11		5942.800	64.899	58.910	-3.301	68.200	5.989	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



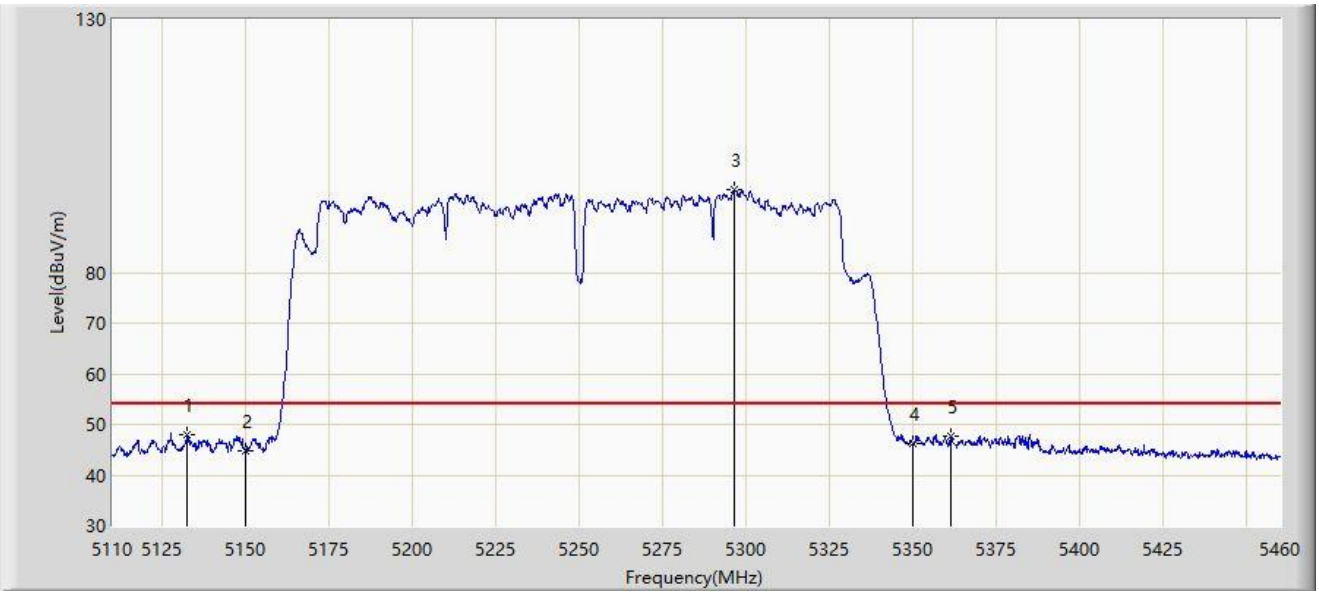
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5145.350	61.563	60.456	-12.437	74.000	1.106	PK
2		5150.000	54.466	52.537	-19.534	74.000	1.929	PK
3		5298.300	105.454	55.674	N/A	N/A	49.779	PK
4		5350.000	55.089	50.985	-18.911	74.000	4.104	PK
5	*	5385.275	61.860	61.684	-12.140	74.000	0.177	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



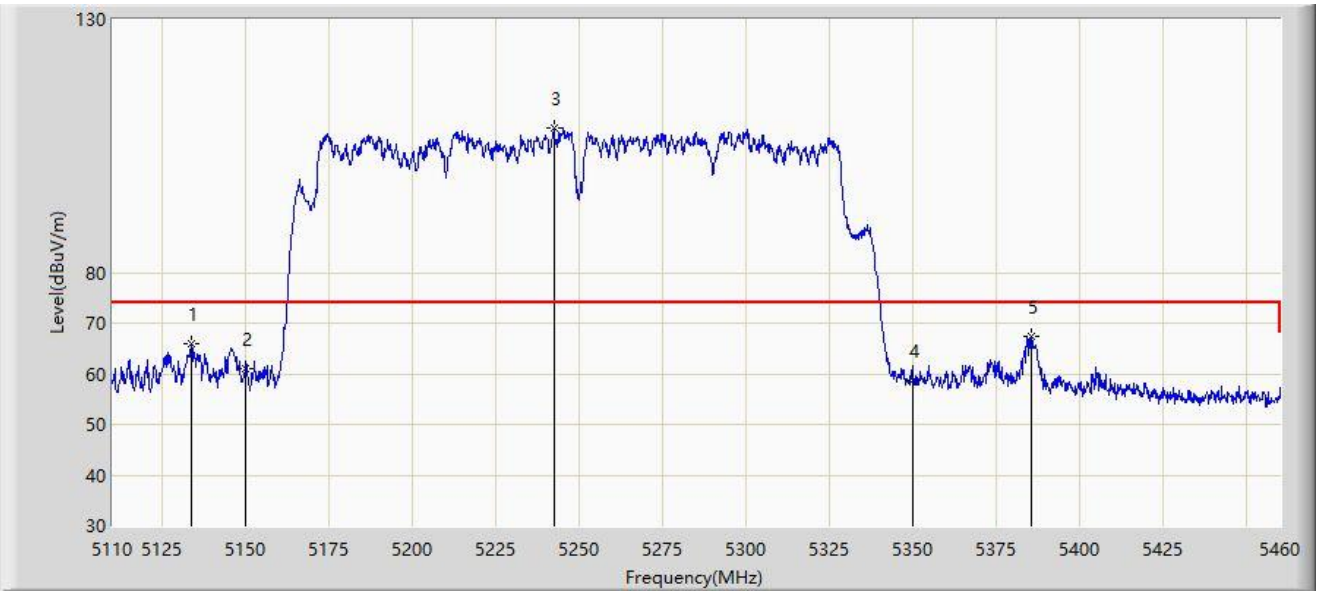
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5132.575	47.953	48.157	-6.047	54.000	-0.204	AV
2		5150.000	44.797	42.868	-9.203	54.000	1.929	AV
3		5296.200	96.319	49.255	N/A	N/A	47.064	AV
4		5350.000	46.324	42.220	-7.676	54.000	4.104	AV
5		5361.300	47.709	46.077	-6.291	54.000	1.632	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



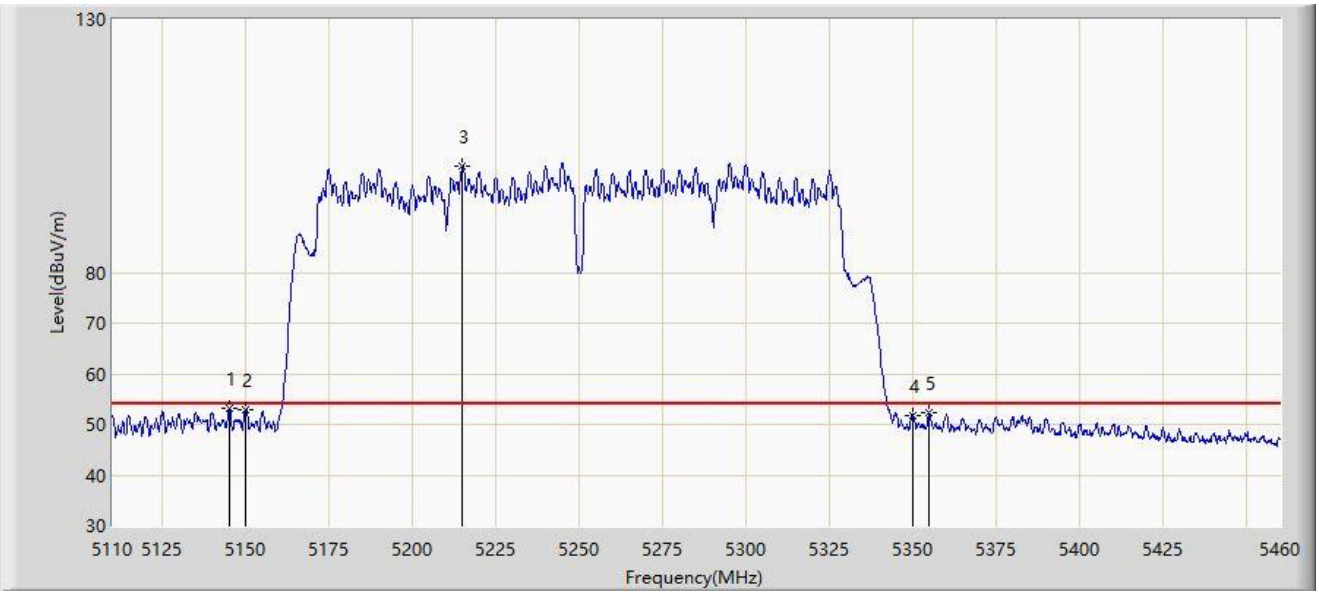
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5133.800	66.021	66.188	-7.979	74.000	-0.167	PK
2		5150.000	61.033	59.104	-12.967	74.000	1.929	PK
3		5242.300	108.478	60.386	N/A	N/A	48.092	PK
4		5350.000	58.642	54.538	-15.358	74.000	4.104	PK
5	*	5385.275	67.494	67.318	-6.506	74.000	0.177	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: SIP-AC2	Test Date: 2022-11-10
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



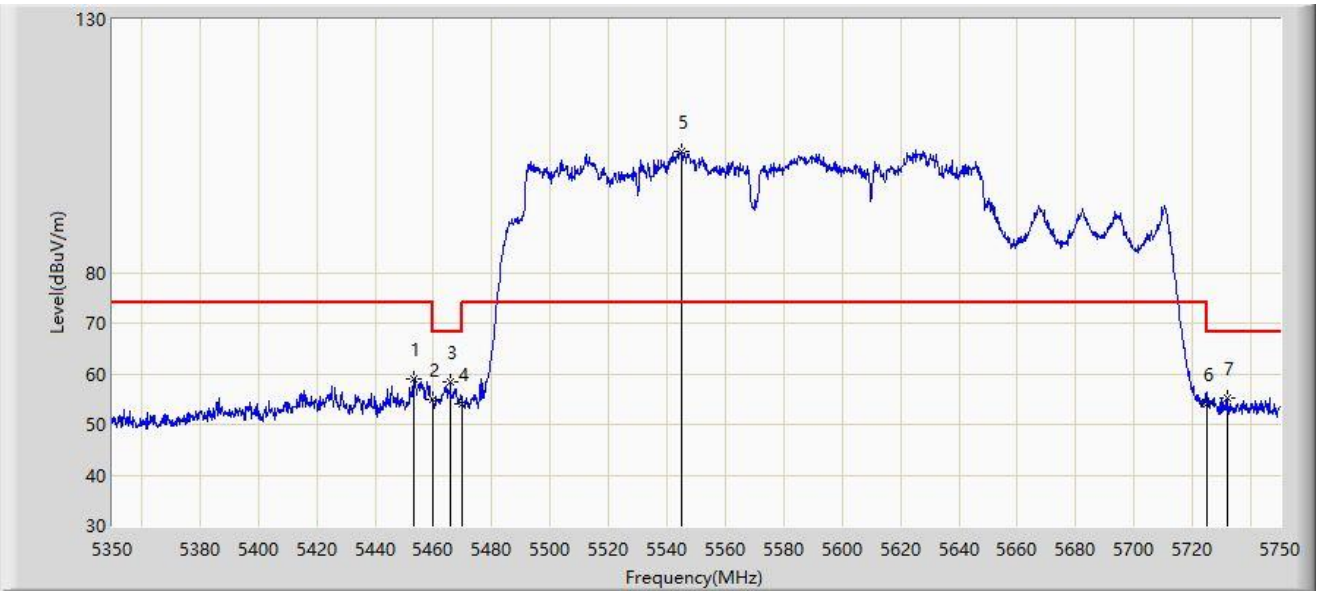
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5145.000	53.066	51.996	-0.934	54.000	1.070	AV
2		5150.000	52.771	50.842	-1.229	54.000	1.929	AV
3		5215.000	100.985	57.725	N/A	N/A	43.260	AV
4		5350.000	51.655	47.551	-2.345	54.000	4.104	AV
5		5354.825	52.205	49.520	-1.795	54.000	2.684	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



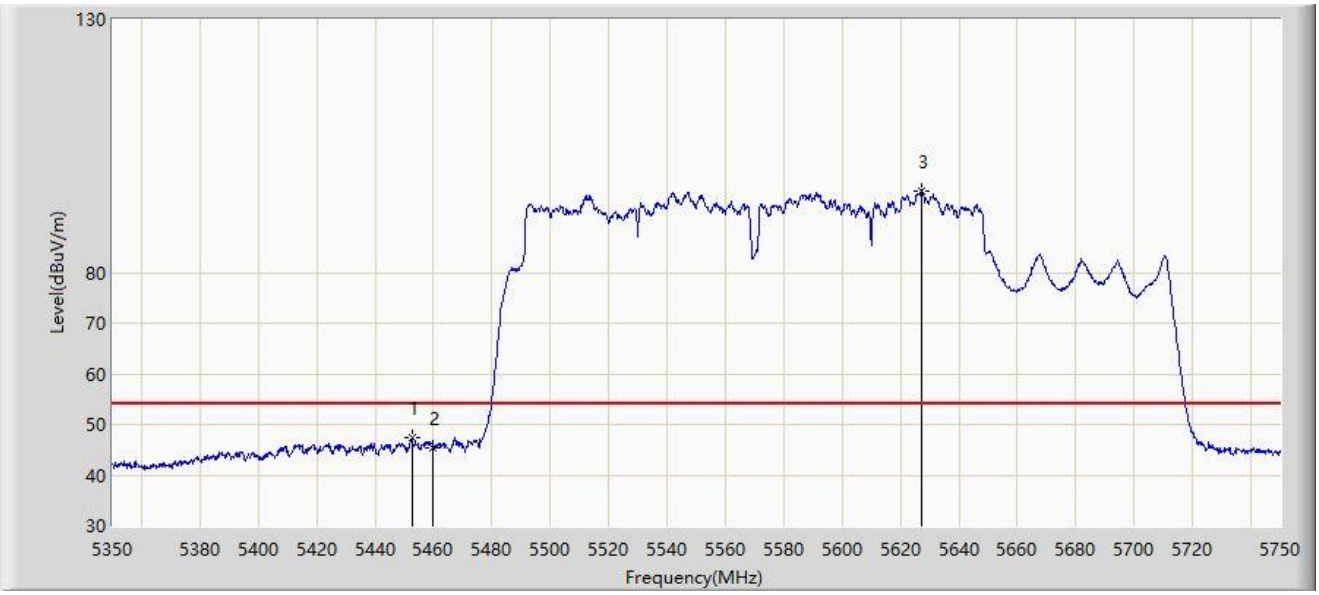
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5453.200	58.858	57.625	-15.142	74.000	1.233	PK
2		5460.000	55.034	53.393	-13.166	68.200	1.641	PK
3	*	5465.800	58.332	55.952	-9.868	68.200	2.381	PK
4		5470.000	53.954	50.617	-14.246	68.200	3.337	PK
5		5544.800	103.812	59.978	N/A	N/A	43.834	PK
6		5725.000	54.196	49.125	-14.004	68.200	5.070	PK
7		5731.800	55.167	52.258	-13.033	68.200	2.908	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



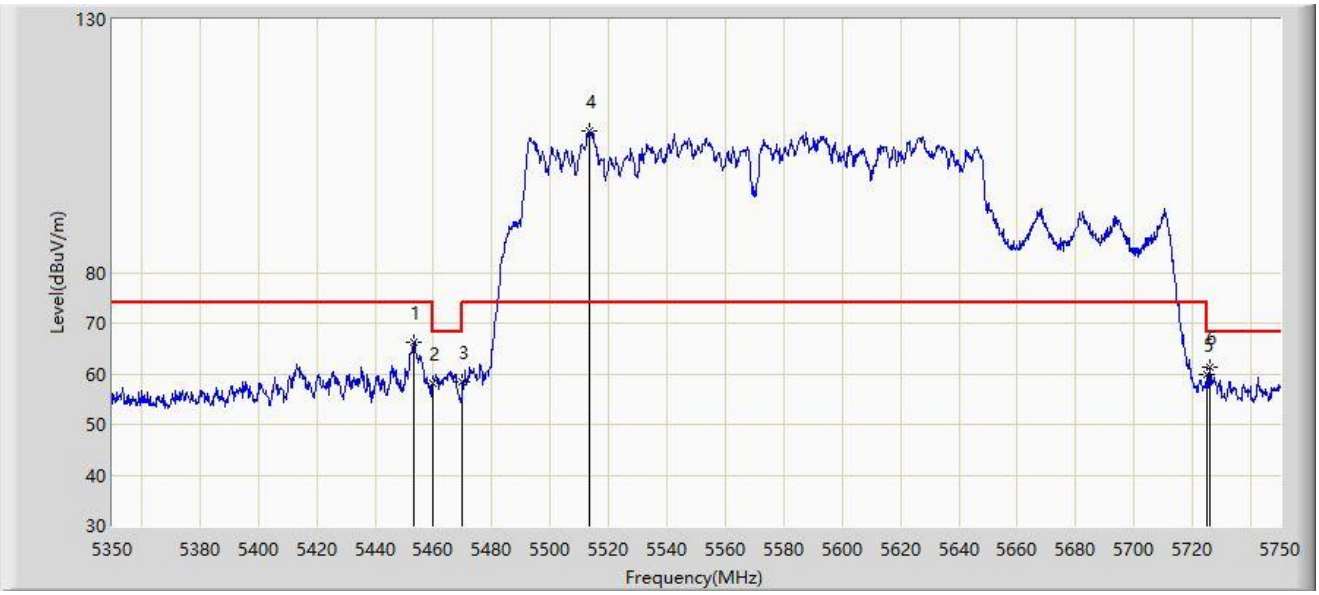
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5452.600	47.362	46.109	-6.638	54.000	1.252	AV
2		5460.000	45.224	43.583	-8.776	54.000	1.641	AV
3		5627.200	95.998	50.683	N/A	N/A	45.315	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



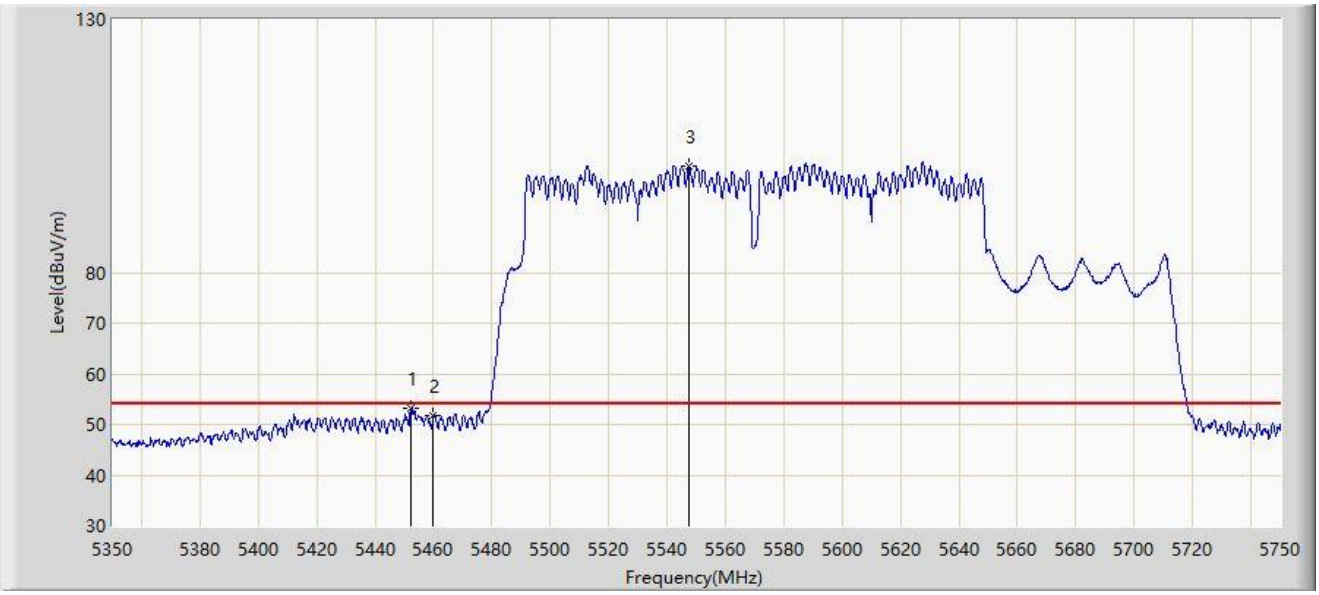
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5453.400	66.276	65.016	-7.724	74.000	1.260	PK
2		5460.000	58.102	56.461	-10.098	68.200	1.641	PK
3		5470.000	58.464	55.127	-9.736	68.200	3.337	PK
4		5513.400	107.910	61.302	N/A	N/A	46.608	PK
5		5725.000	59.885	54.814	-8.315	68.200	5.070	PK
6	*	5725.800	61.212	56.587	-6.988	68.200	4.625	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



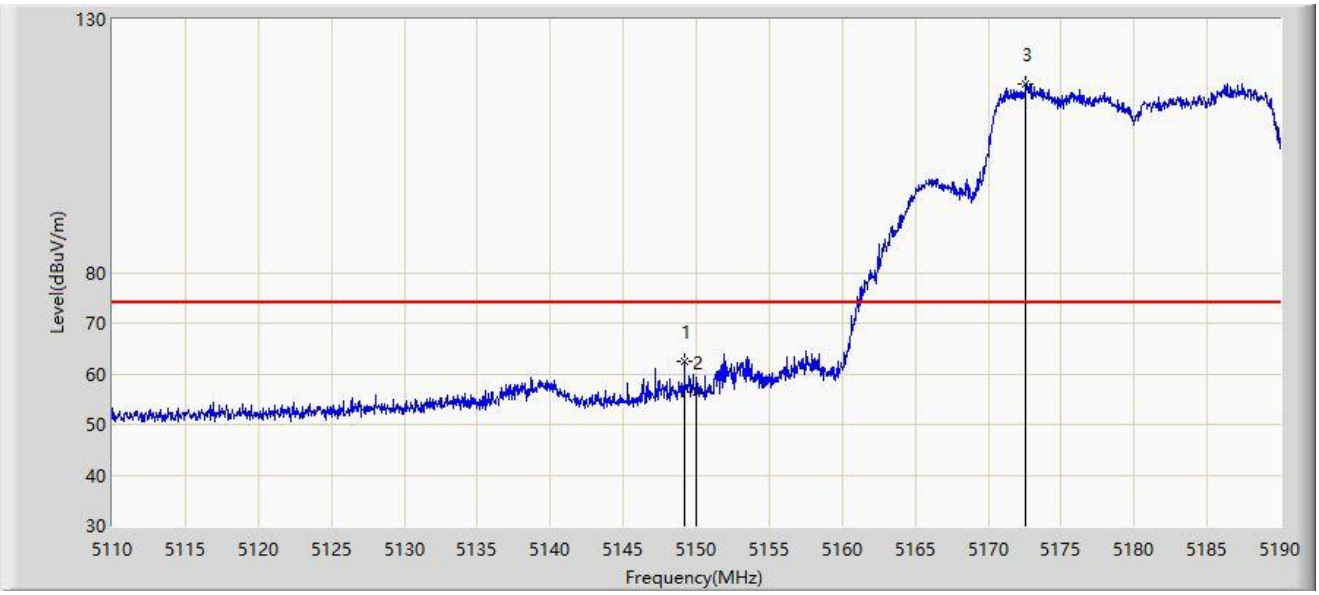
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5452.400	53.082	51.823	-0.918	54.000	1.259	AV
2		5460.000	51.769	50.128	-2.231	54.000	1.641	AV
3		5547.400	101.015	55.608	N/A	N/A	45.406	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



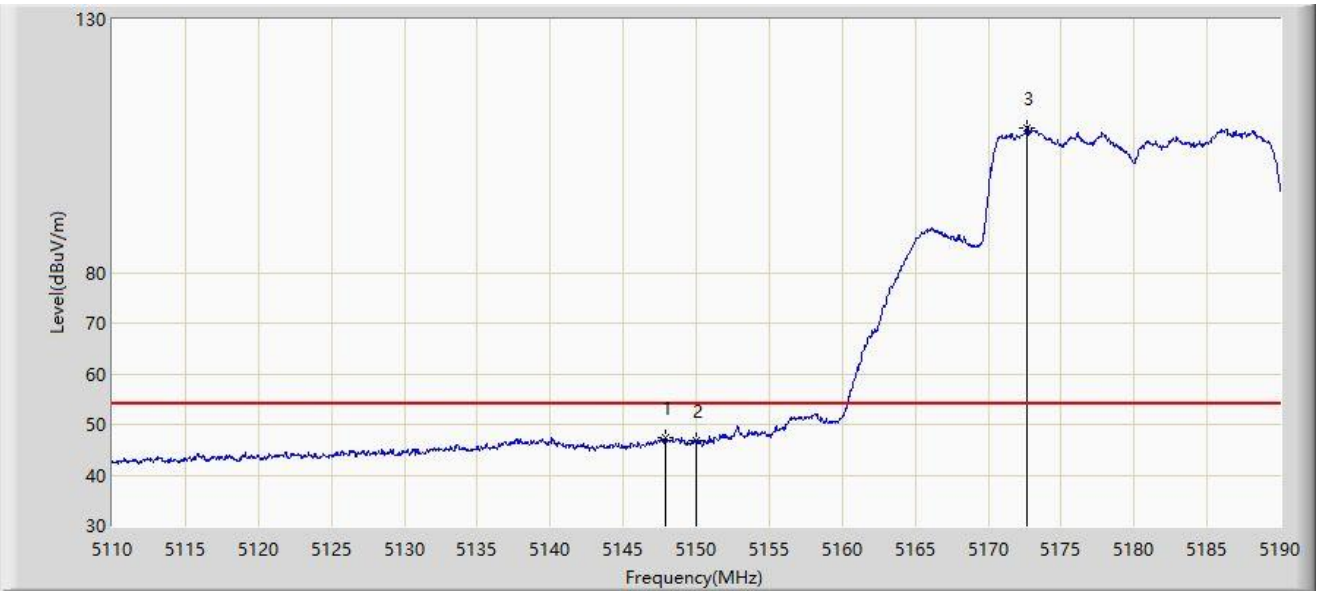
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.200	62.458	60.687	-11.542	74.000	1.771	PK
2		5150.000	56.368	54.439	-17.632	74.000	1.929	PK
3		5172.560	117.255	66.265	N/A	N/A	50.990	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



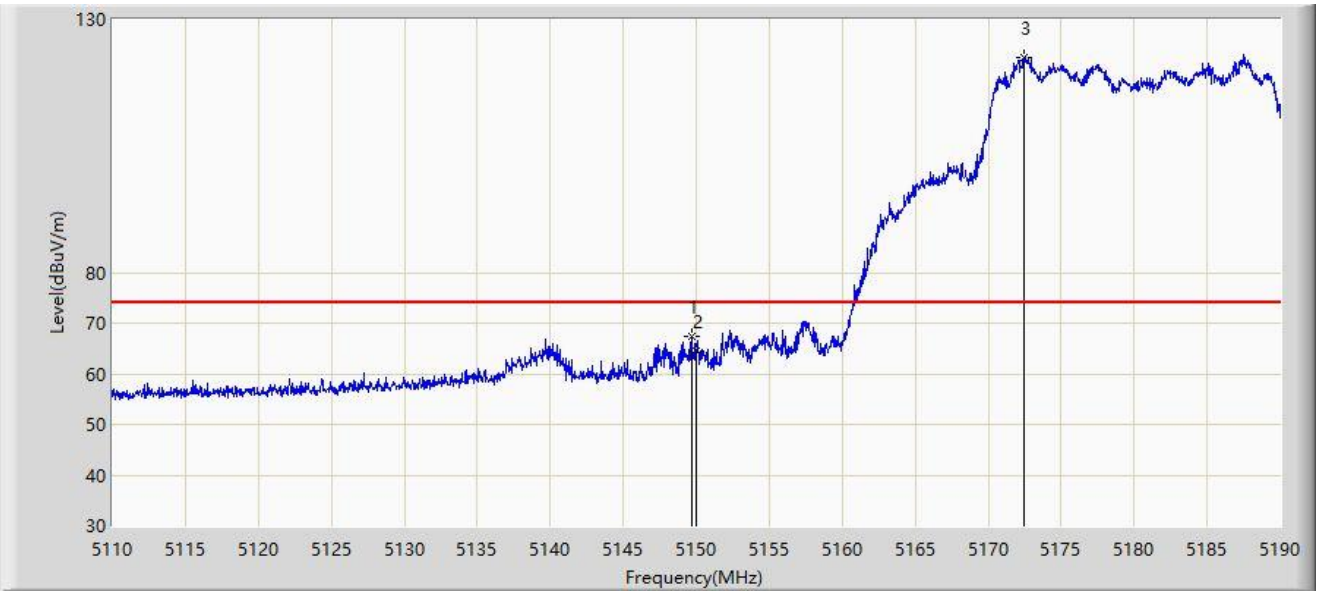
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.920	47.270	45.728	-6.730	54.000	1.542	AV
2		5150.000	46.673	44.744	-7.327	54.000	1.929	AV
3		5172.640	108.494	57.416	N/A	N/A	51.078	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



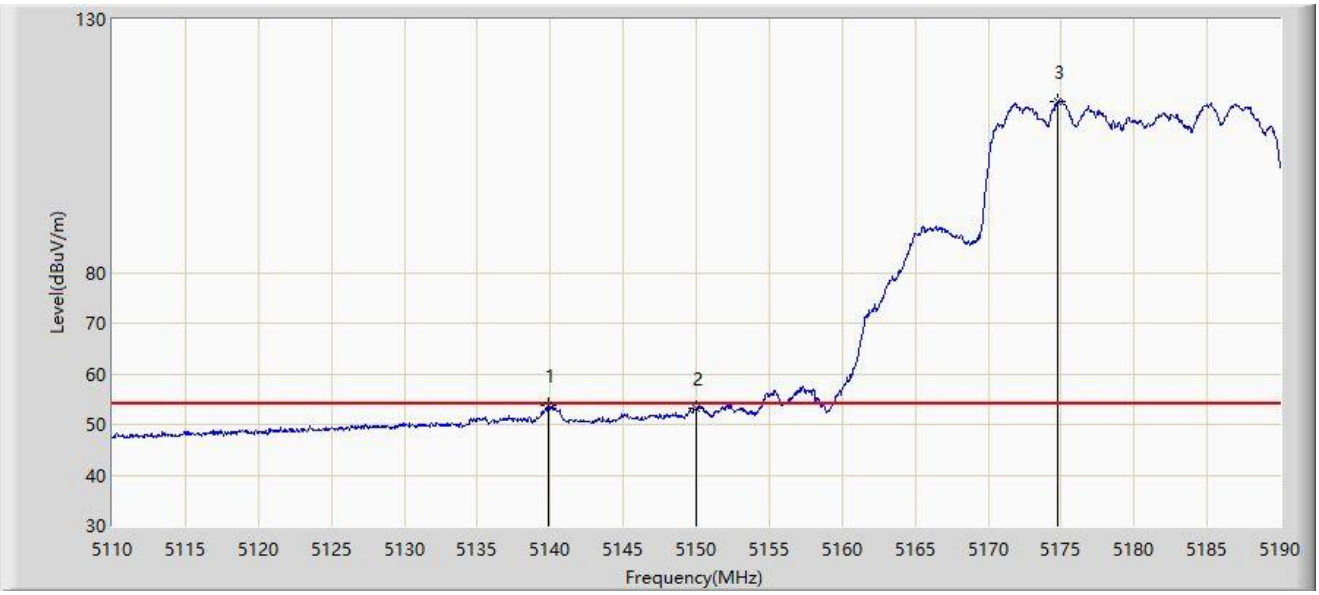
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.680	67.410	65.538	-6.590	74.000	1.871	PK
2		5150.000	64.361	62.432	-9.639	74.000	1.929	PK
3		5172.480	122.520	71.618	N/A	N/A	50.902	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



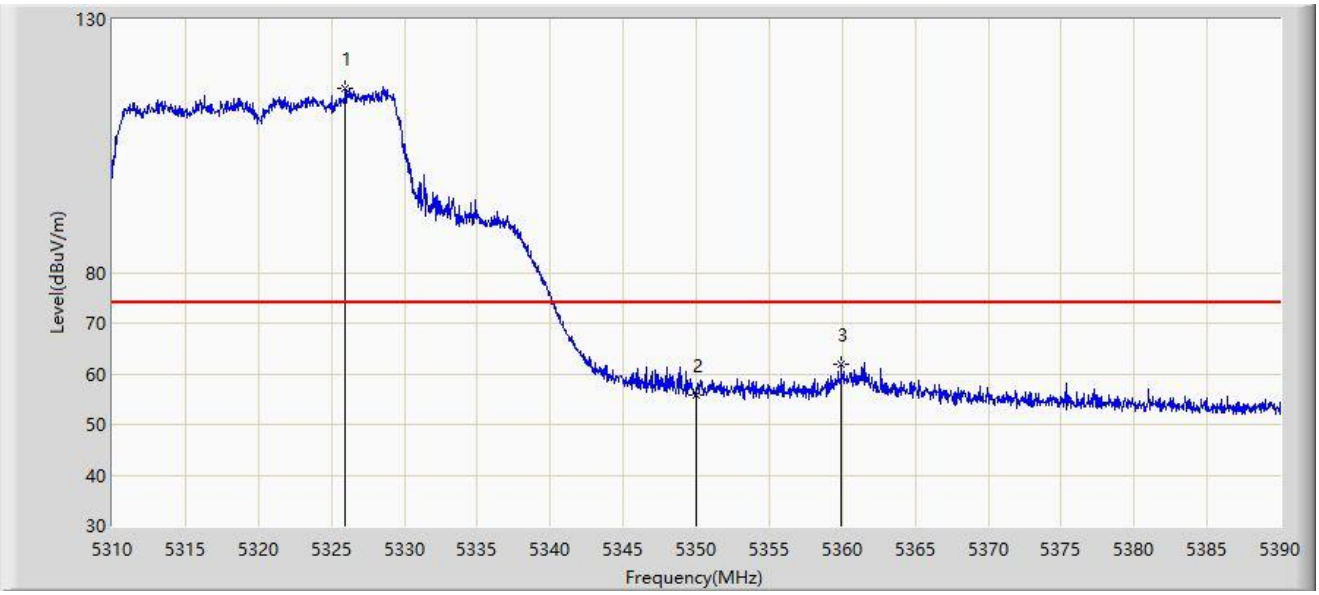
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5139.840	53.803	53.237	-0.197	54.000	0.566	AV
2		5150.000	53.187	51.258	-0.813	54.000	1.929	AV
3		5174.800	113.785	62.807	N/A	N/A	50.978	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



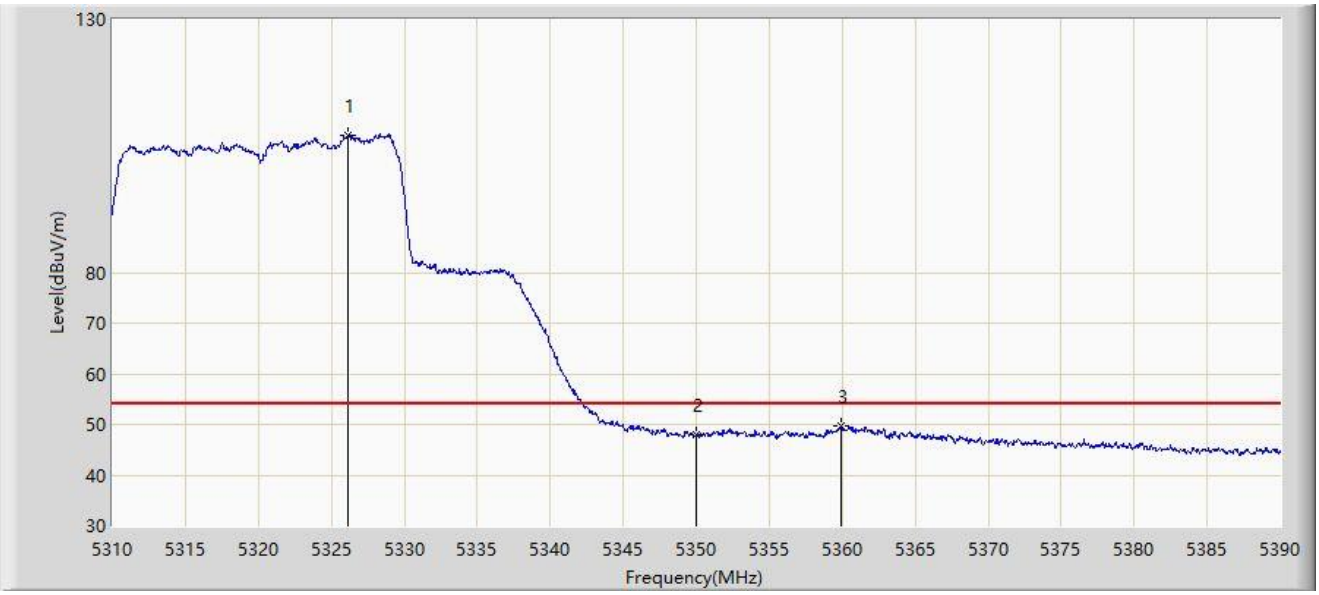
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.960	116.258	71.059	N/A	N/A	45.199	PK
2		5350.000	55.733	51.629	-18.267	74.000	4.104	PK
3	*	5359.920	61.925	60.105	-12.075	74.000	1.820	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



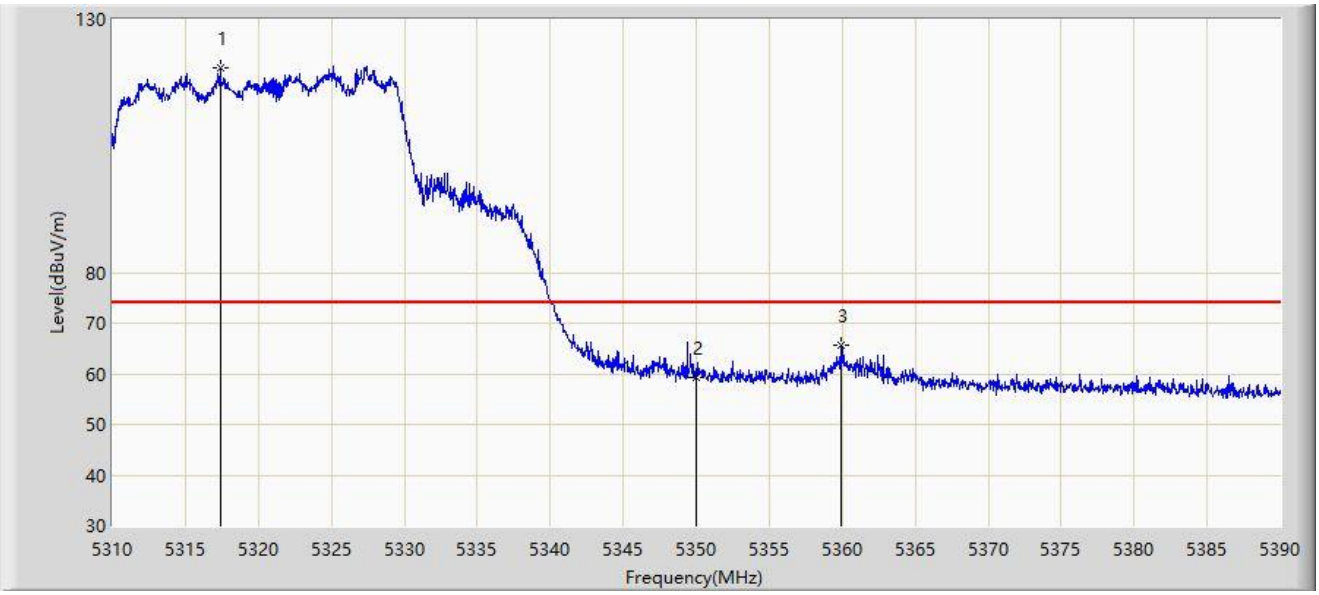
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.160	107.205	62.036	N/A	N/A	45.169	AV
2		5350.000	47.837	43.733	-6.163	54.000	4.104	AV
3	*	5359.880	49.797	47.972	-4.203	54.000	1.826	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



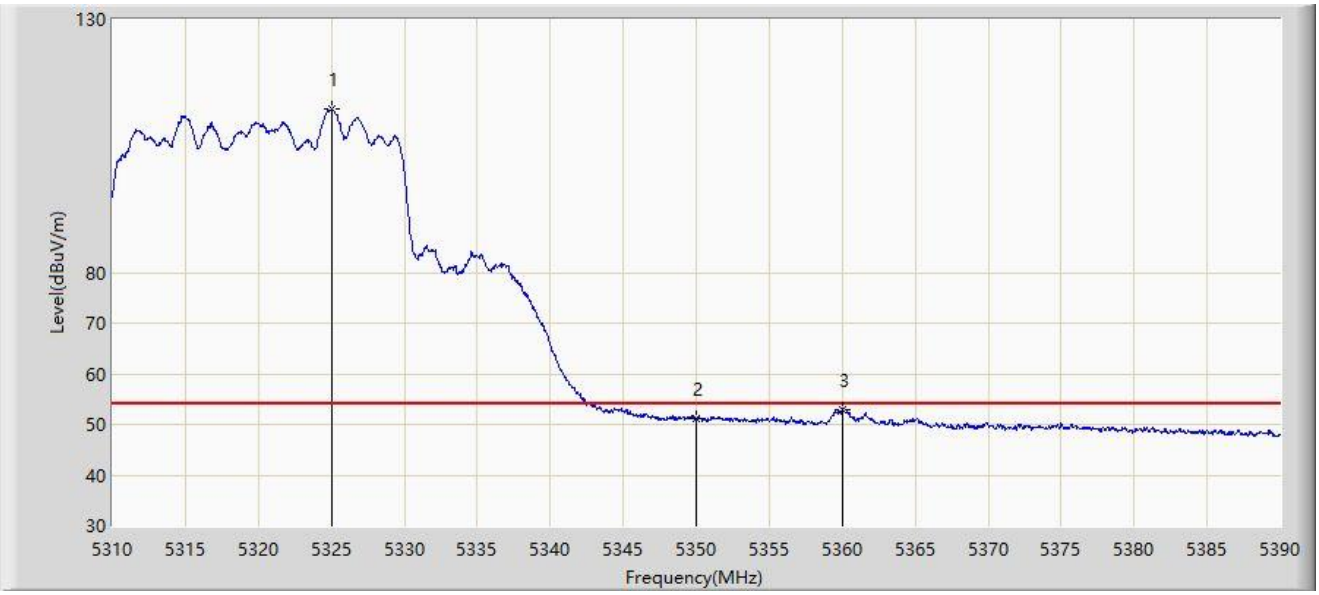
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5317.400	120.579	72.534	N/A	N/A	48.045	PK
2		5350.000	59.384	55.280	-14.616	74.000	4.104	PK
3	*	5359.920	65.662	63.842	-8.338	74.000	1.820	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



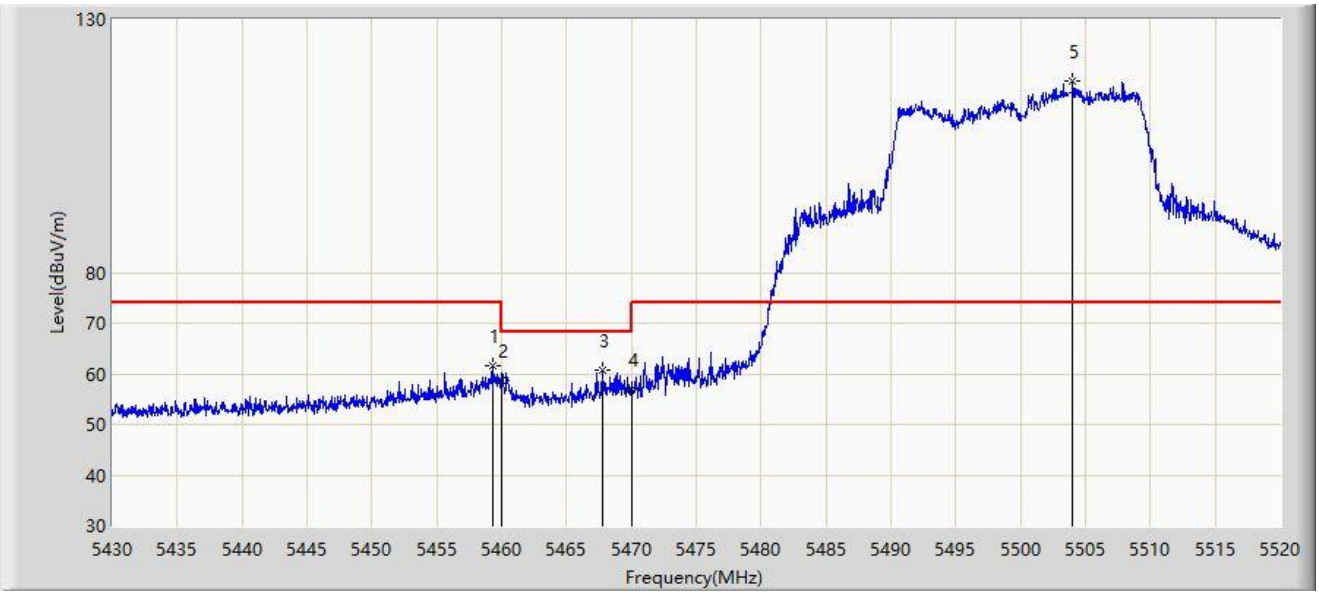
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.000	112.269	66.749	N/A	N/A	45.520	AV
2		5350.000	51.163	47.059	-2.837	54.000	4.104	AV
3	*	5360.000	53.004	51.196	-0.996	54.000	1.808	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



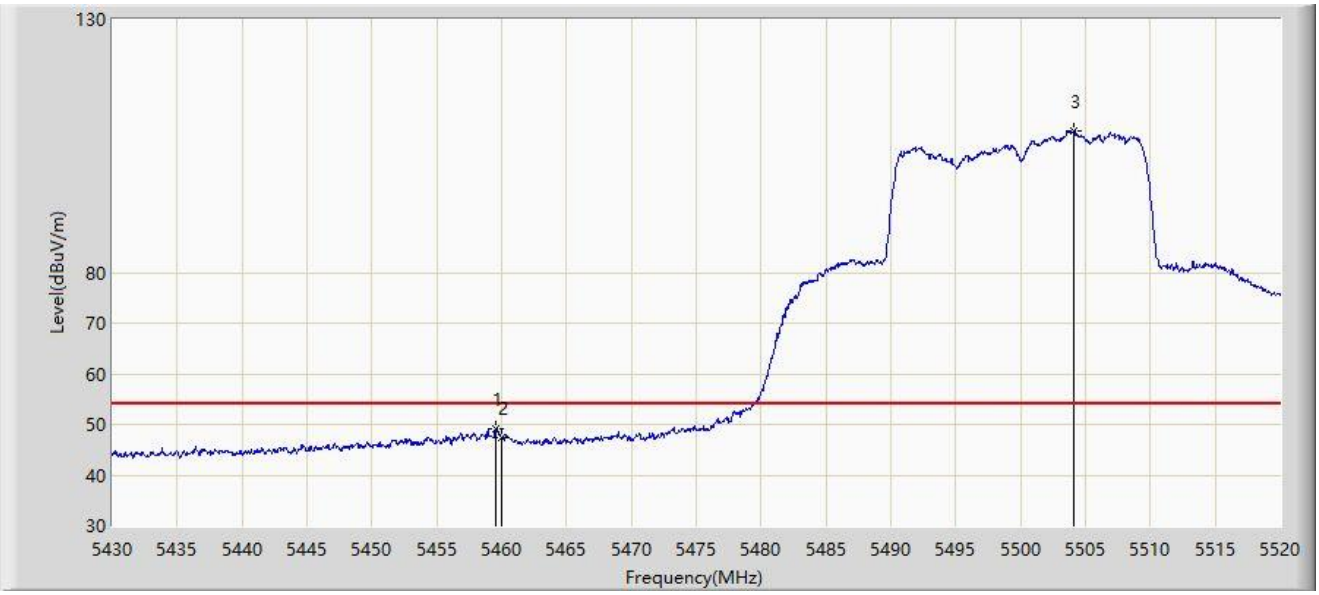
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5459.295	61.506	59.933	-12.494	74.000	1.572	PK
2		5460.000	58.660	57.019	-9.540	68.200	1.641	PK
3	*	5467.755	60.776	57.968	-7.424	68.200	2.808	PK
4		5470.000	57.081	53.744	-11.119	68.200	3.337	PK
5		5503.980	117.926	69.271	N/A	N/A	48.655	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



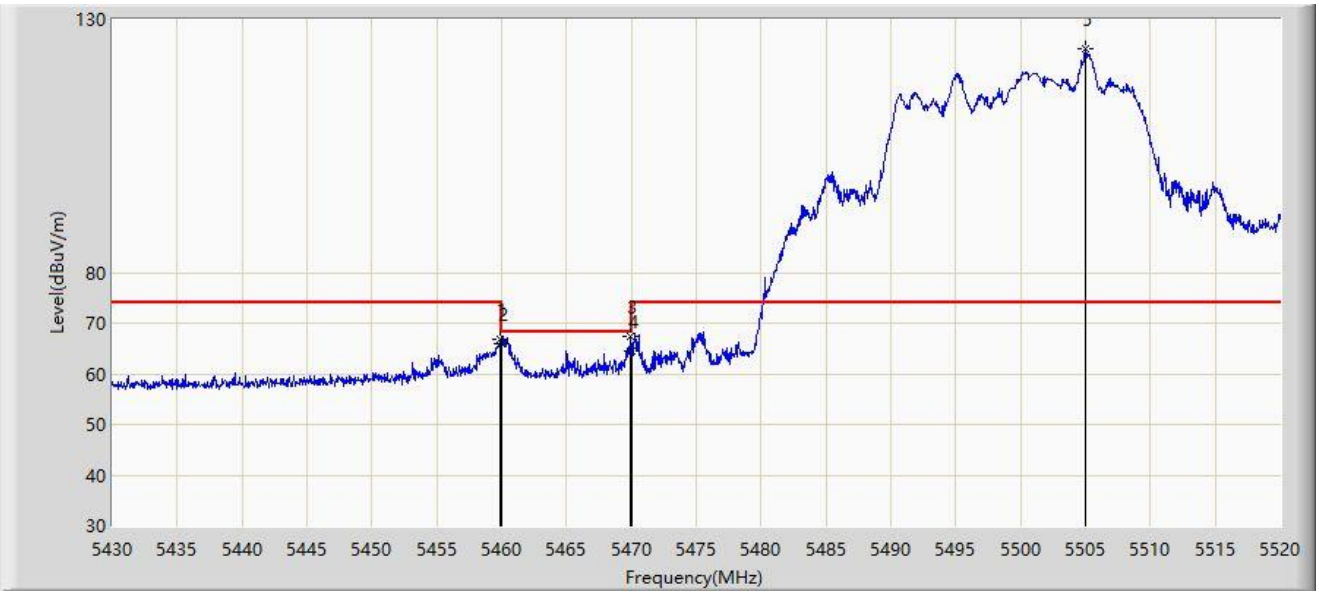
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.565	49.127	47.524	-4.873	54.000	1.603	AV
2		5460.000	47.386	45.745	-6.614	54.000	1.641	AV
3		5504.115	107.958	59.106	N/A	N/A	48.852	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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		5459.925	66.883	65.248	-7.117	74.000	1.635	PK
2		5460.000	65.968	64.327	-2.232	68.200	1.641	PK
3	*	5469.960	67.346	64.016	-0.854	68.200	3.330	PK
4		5470.000	64.612	61.275	-3.588	68.200	3.337	PK
5		5505.015	124.280	74.457	N/A	N/A	49.823	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	

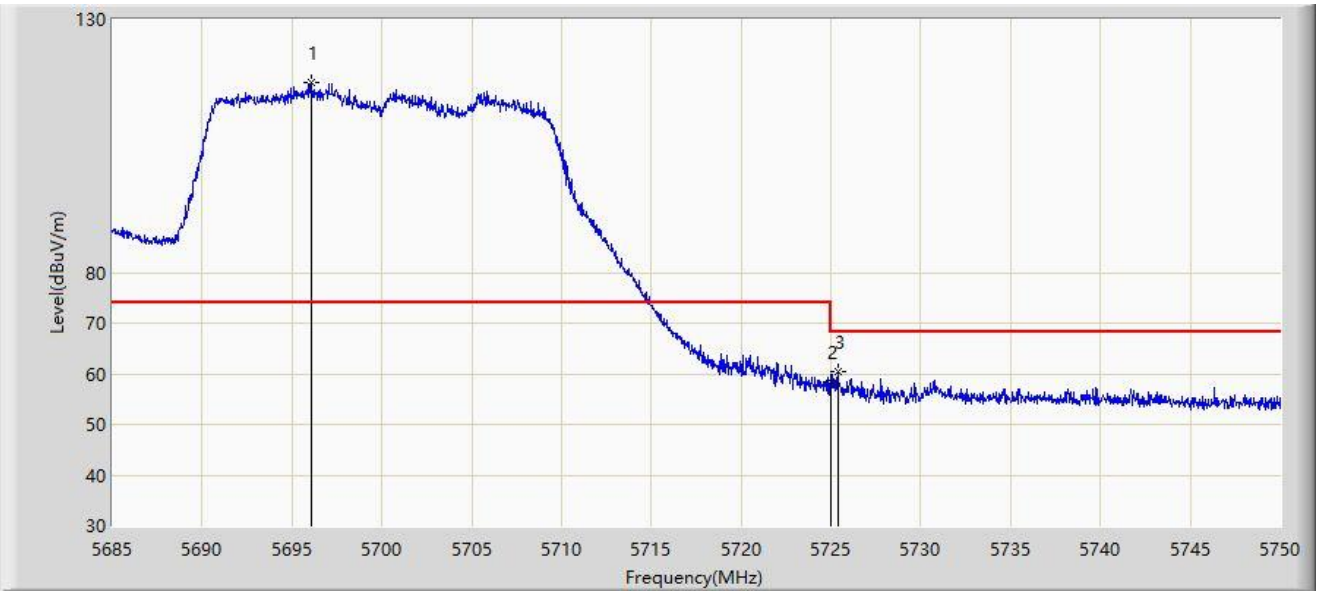
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.610	53.356	51.749	-0.644	54.000	1.608	AV
2		5460.000	52.725	51.084	-1.275	54.000	1.641	AV
3		5505.195	113.402	63.486	N/A	N/A	49.916	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



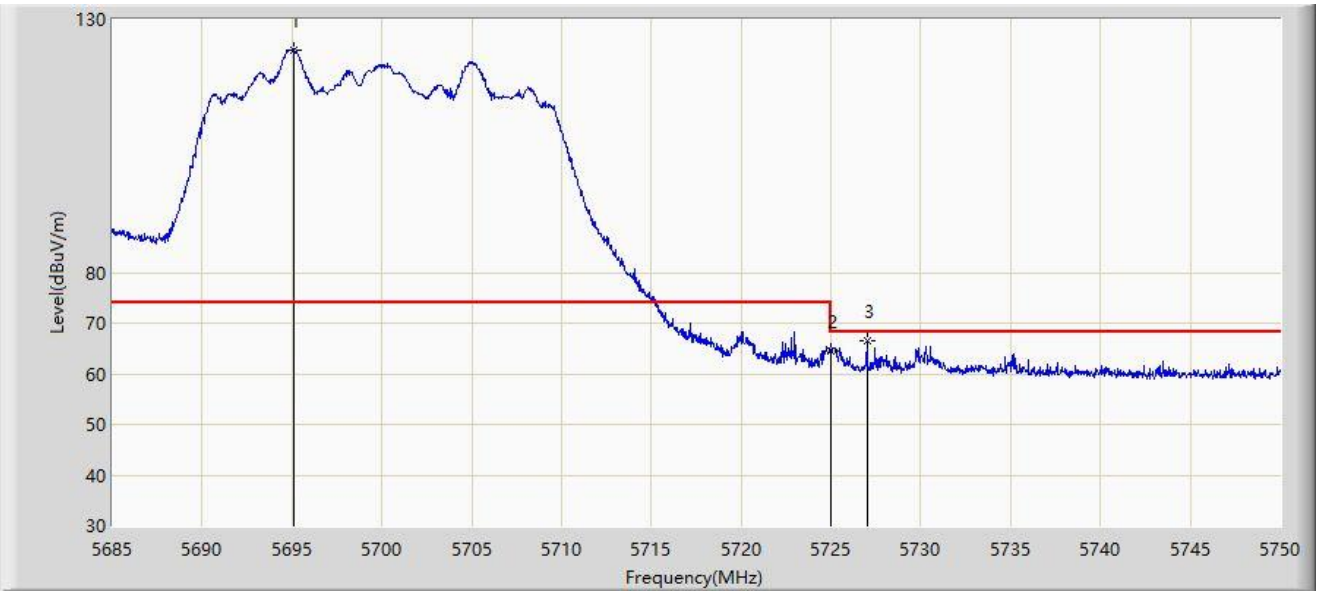
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5696.050	117.622	70.803	N/A	N/A	46.819	PK
2		5725.000	58.298	53.227	-9.902	68.200	5.070	PK
3	*	5725.365	60.323	55.463	-7.877	68.200	4.860	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



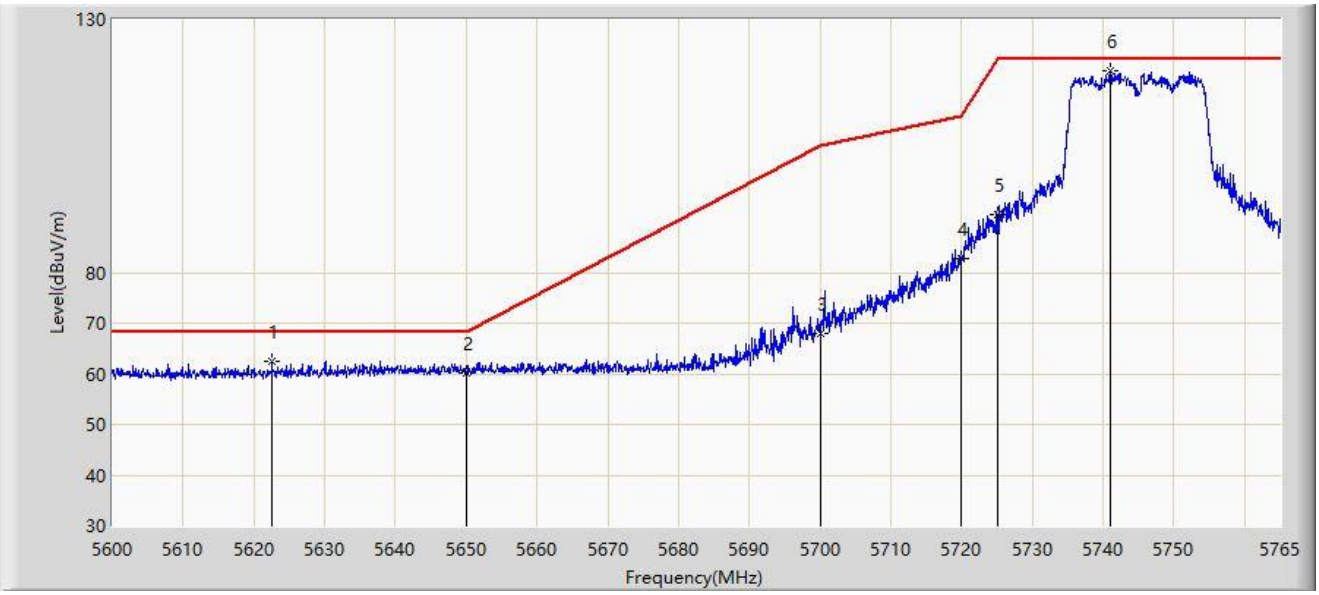
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5695.075	124.006	76.015	N/A	N/A	47.991	PK
2		5725.000	64.413	59.342	-3.787	68.200	5.070	PK
3	*	5726.990	66.591	62.488	-1.609	68.200	4.104	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



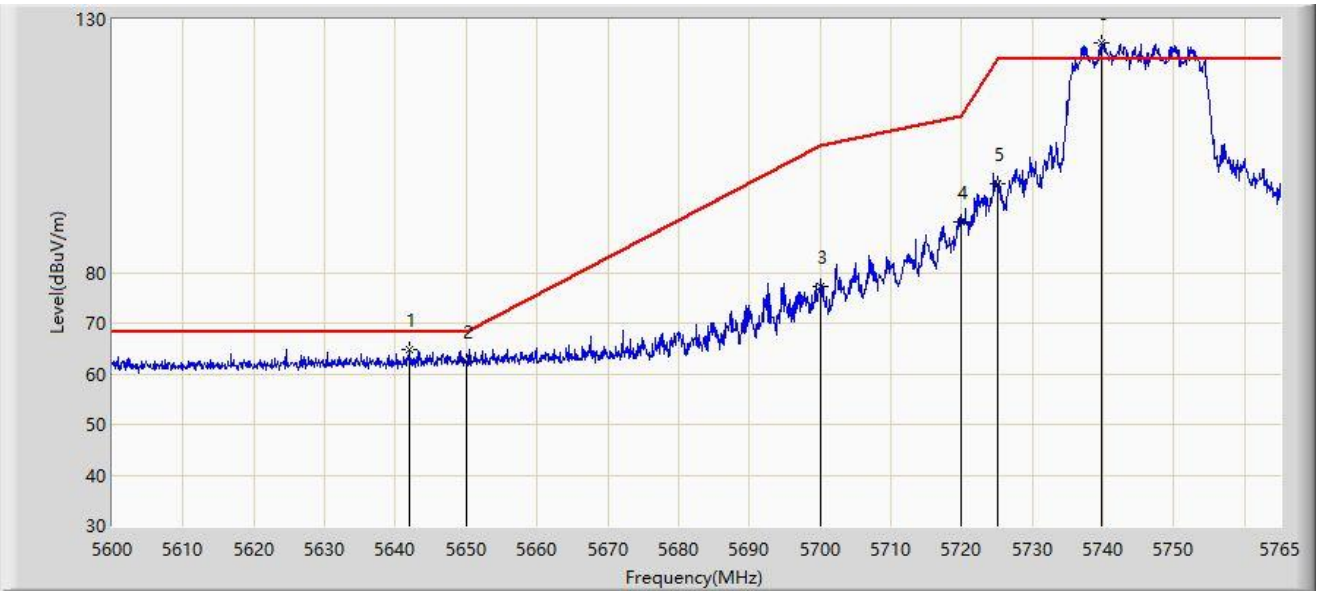
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5622.522	62.519	57.901	-5.681	68.200	4.618	PK
2		5650.000	60.035	54.903	-8.165	68.200	5.132	PK
3		5700.000	67.987	62.859	-37.213	105.200	5.129	PK
4		5720.000	82.851	77.459	-27.949	110.800	5.392	PK
5		5725.000	91.391	85.915	-30.809	122.200	5.476	PK
6		5740.993	119.764	114.178	N/A	N/A	5.586	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



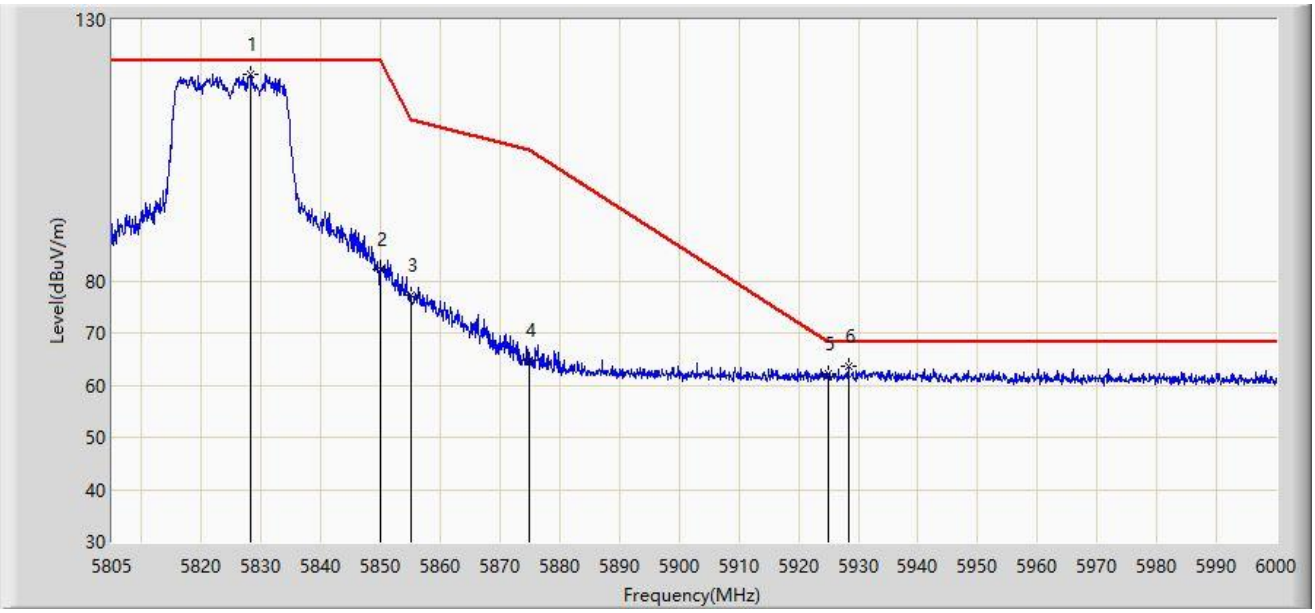
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5641.910	64.646	59.605	-3.554	68.200	5.041	PK
2		5650.000	62.514	57.382	-5.686	68.200	5.132	PK
3		5700.000	77.123	71.995	-28.077	105.200	5.129	PK
4		5720.000	90.043	84.651	-20.757	110.800	5.392	PK
5		5725.000	97.645	92.169	-24.555	122.200	5.476	PK
6		5739.755	125.373	119.795	N/A	N/A	5.579	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: WZ-AC2	Time: 2022/11/19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



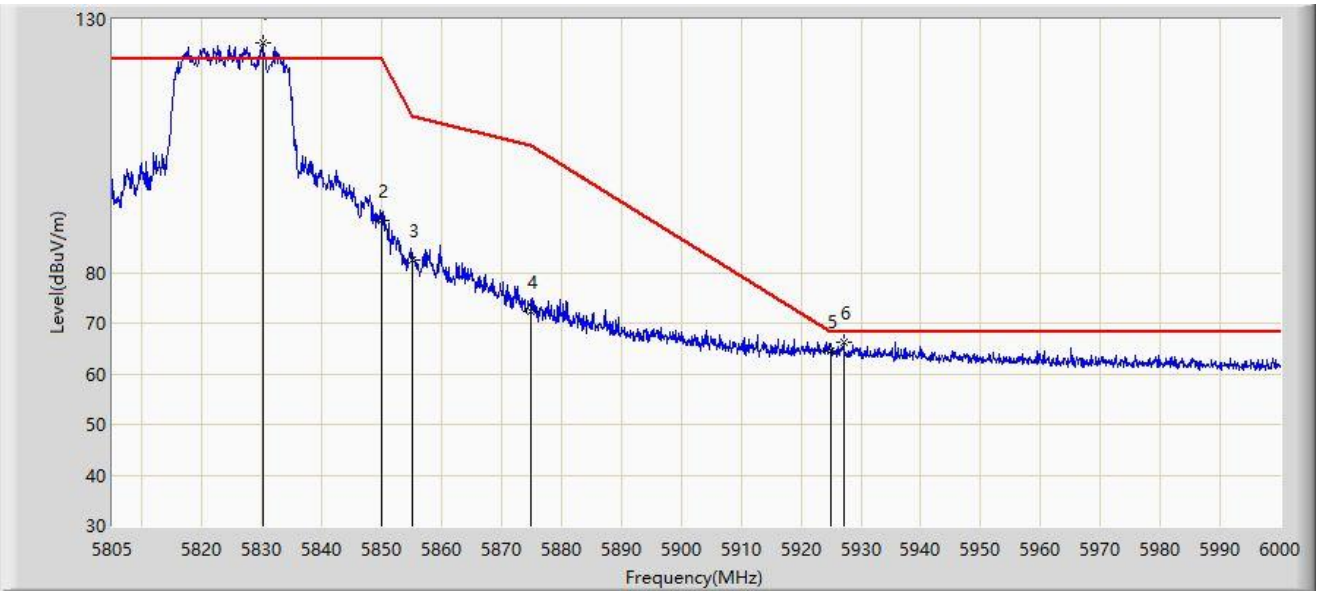
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5828.107	119.643	114.097	N/A	N/A	5.545	PK
2		5850.000	82.050	76.340	-40.150	122.200	5.710	PK
3		5855.000	77.155	71.365	-33.645	110.800	5.790	PK
4		5875.000	64.889	58.976	-40.311	105.200	5.913	PK
5		5925.000	62.179	56.162	-6.021	68.200	6.016	PK
6	*	5928.337	63.597	57.513	-4.603	68.200	6.084	PK
7		58750.000	60.535	31.873	NaN	NaN	28.662	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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		5830.058	125.218	119.661	N/A	N/A	5.557	PK
2		5850.000	90.329	84.619	-31.871	122.200	5.710	PK
3		5855.000	82.497	76.707	-28.303	110.800	5.790	PK
4		5875.000	72.228	66.315	-32.972	105.200	5.913	PK
5		5925.000	64.478	58.461	-3.722	68.200	6.016	PK
6	*	5927.070	66.092	60.033	-2.108	68.200	6.059	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: SIP-AC1	Time: 2022/11/07 - 19:03
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	

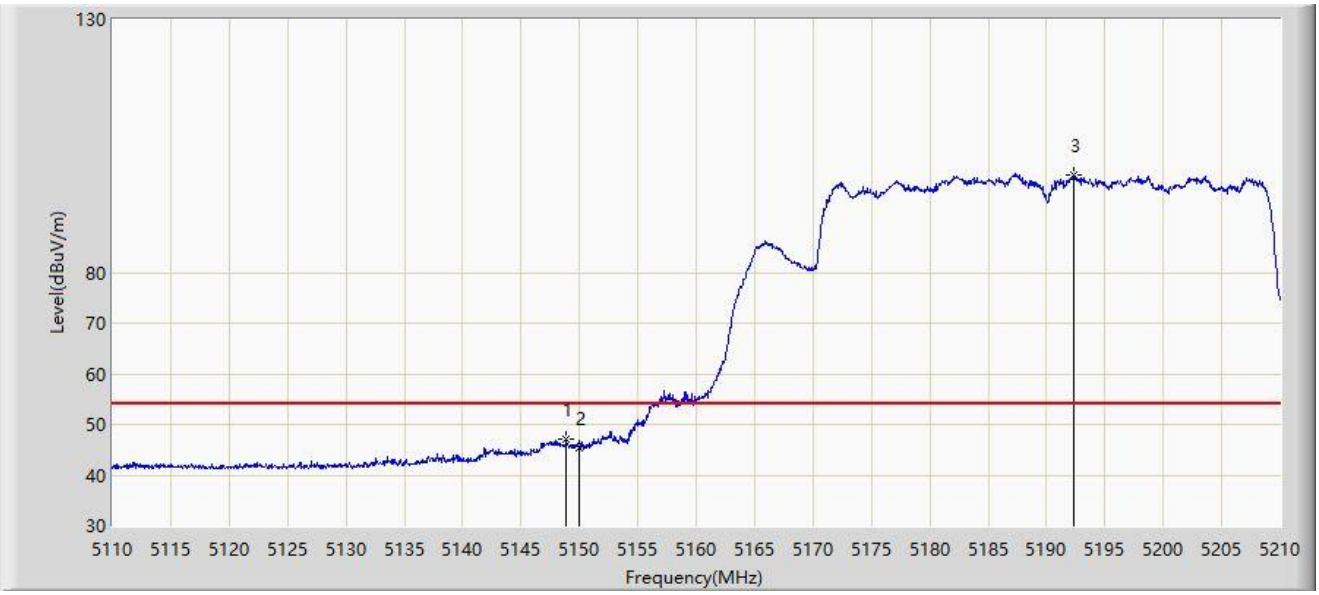
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.700	56.864	62.613	-17.136	74.000	-5.750	PK
2		5150.000	54.561	59.894	-19.439	74.000	-5.333	PK
3		5187.000	109.582	75.536	N/A	N/A	34.046	PK

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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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	*	5148.850	47.015	52.544	-6.985	54.000	-5.529	AV
2		5150.000	45.308	50.641	-8.692	54.000	-5.333	AV
3		5192.300	99.206	64.217	N/A	N/A	34.989	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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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	*	5149.950	64.004	69.343	-9.996	74.000	-5.338	PK
2		5150.000	62.750	68.083	-11.250	74.000	-5.333	PK
3		5184.600	113.811	80.509	N/A	N/A	33.302	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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	

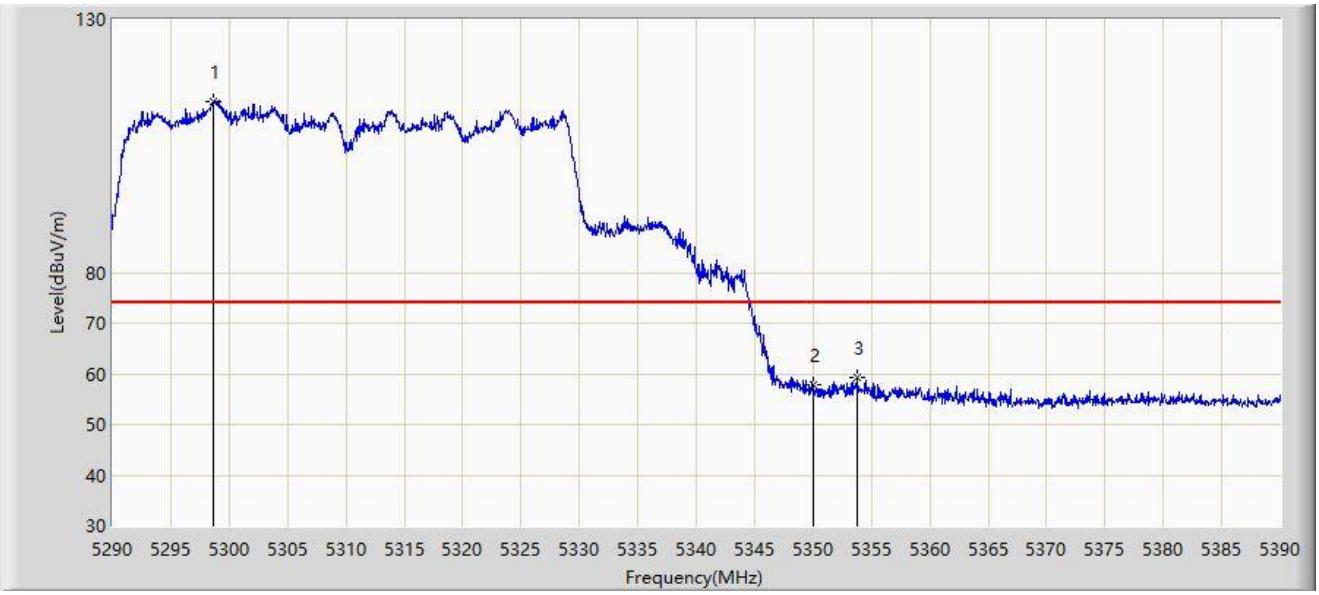
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.950	53.857	59.196	-0.143	54.000	-5.338	AV
2		5150.000	52.918	58.251	-1.082	54.000	-5.333	AV
3		5192.000	104.500	69.074	N/A	N/A	35.427	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



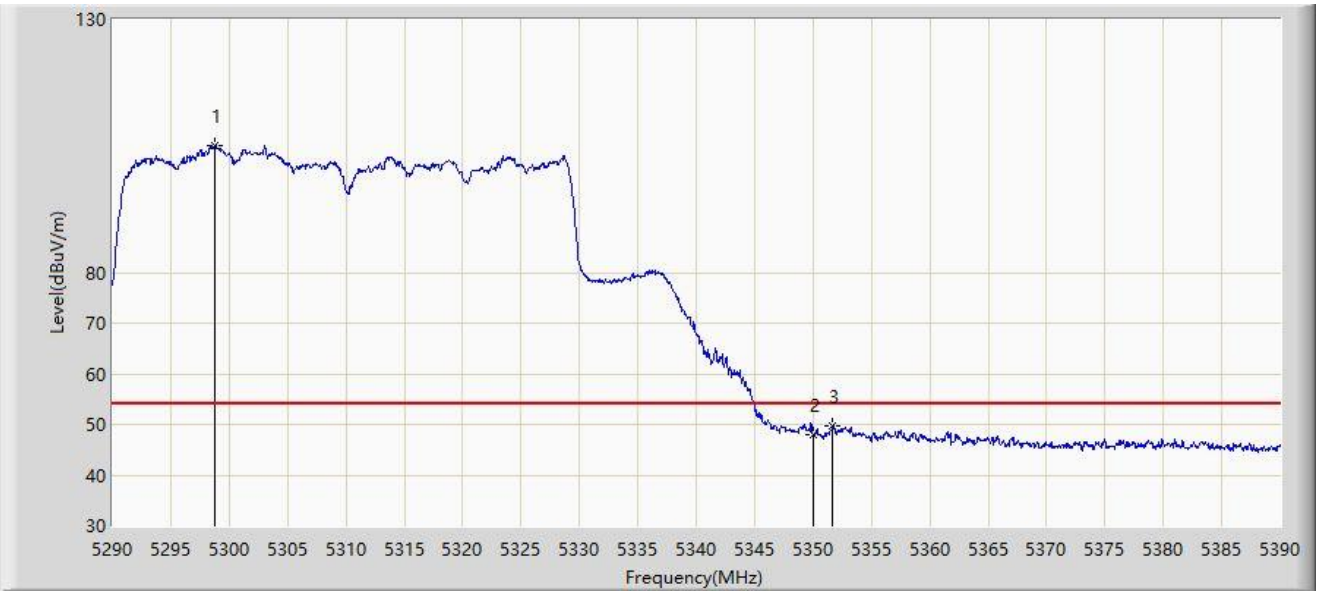
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5298.600	113.872	64.238	N/A	N/A	49.633	PK
2		5350.000	57.950	53.846	-16.050	74.000	4.104	PK
3	*	5353.800	59.303	56.412	-14.697	74.000	2.891	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



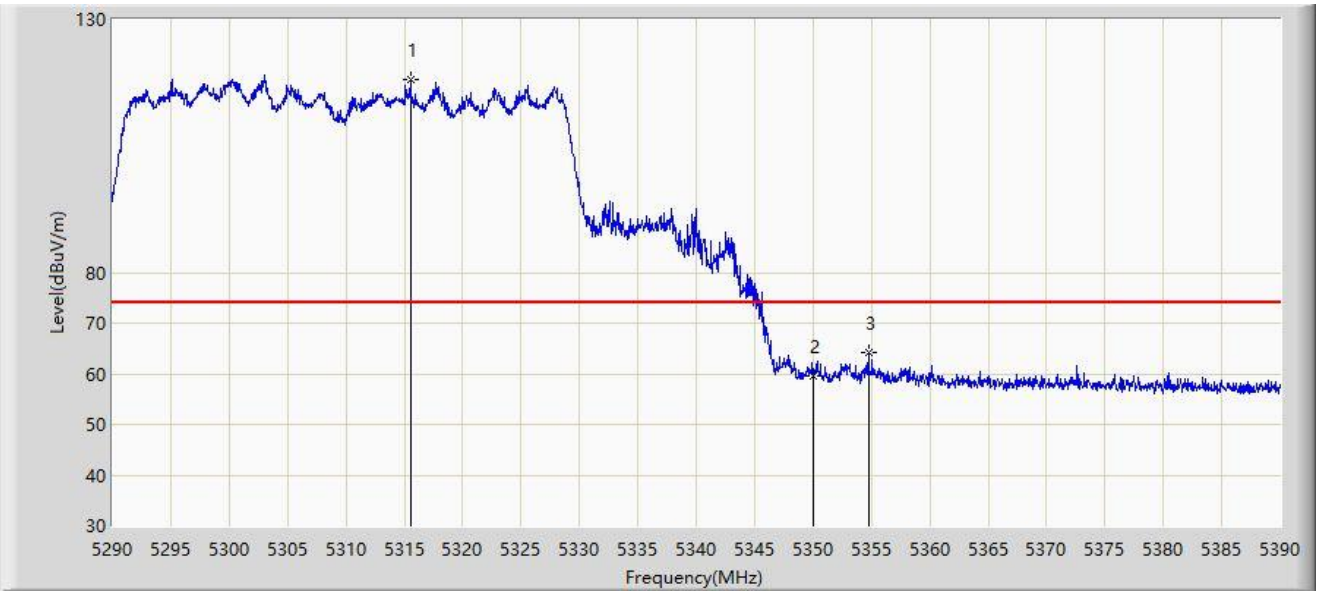
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5298.800	105.184	55.647	N/A	N/A	49.537	AV
2		5350.000	47.912	43.808	-6.088	54.000	4.104	AV
3	*	5351.700	49.588	46.133	-4.412	54.000	3.455	AV

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



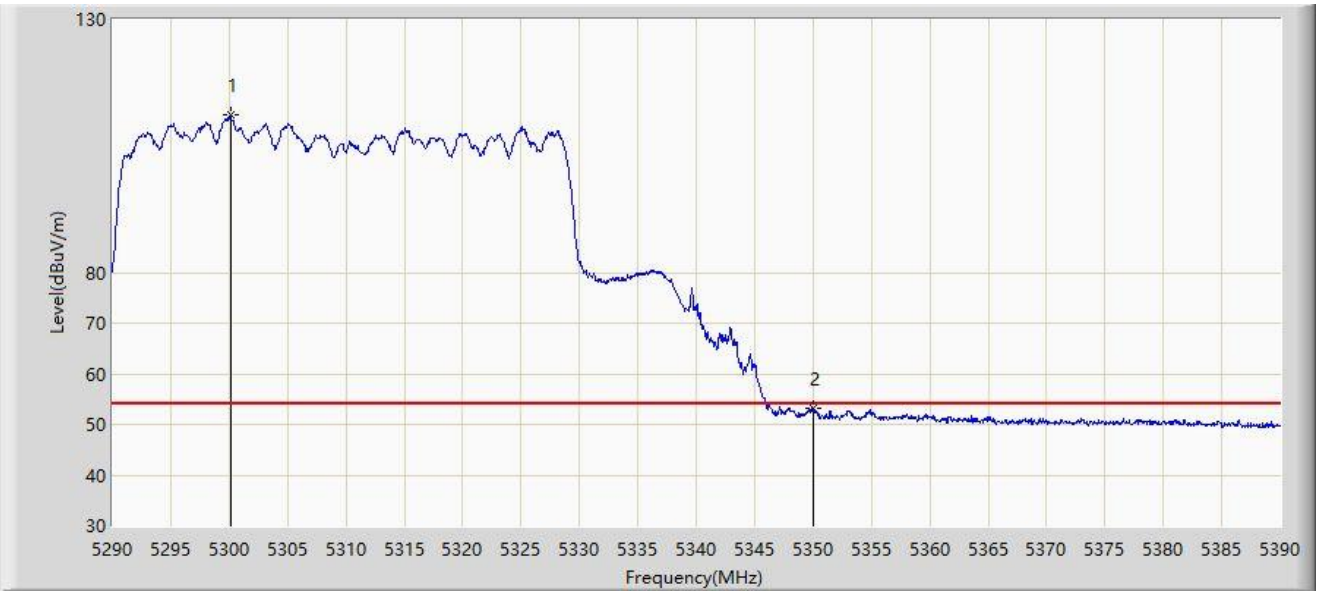
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5315.550	118.018	67.865	N/A	N/A	50.153	PK
2		5350.000	59.528	55.424	-14.472	74.000	4.104	PK
3	*	5354.750	64.175	61.477	-9.825	74.000	2.698	PK

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: SIP-AC2	Test Date: 2022-11-11
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



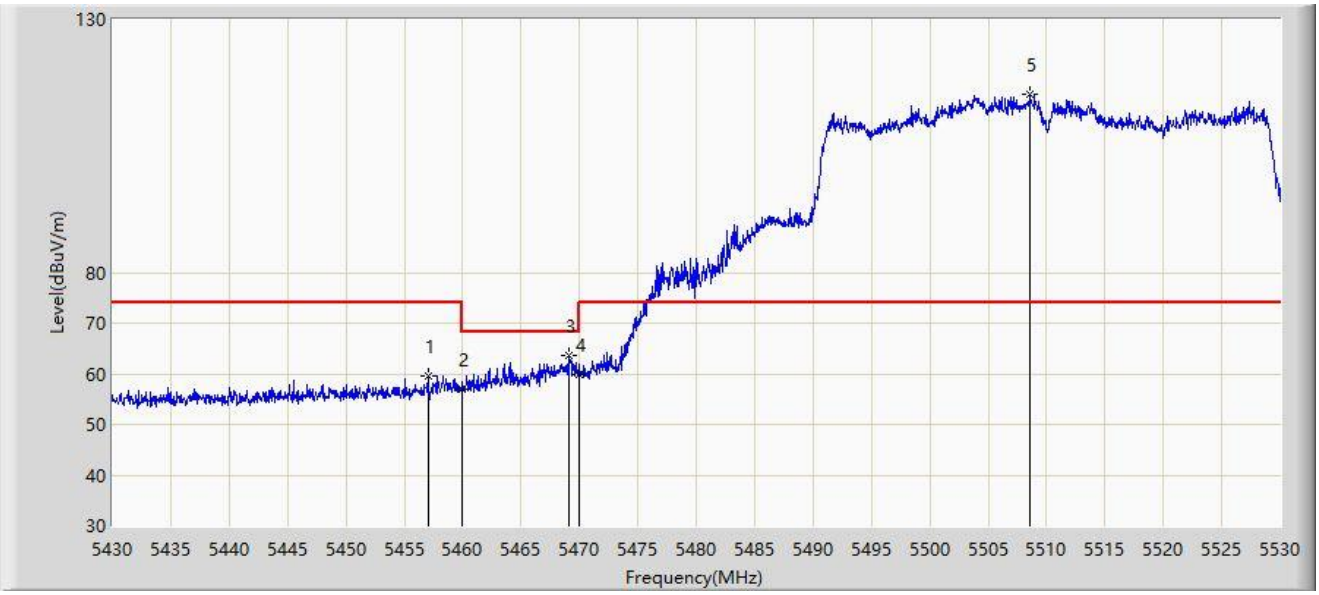
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5300.100	111.039	63.355	N/A	N/A	47.684	AV
2	*	5350.000	53.270	49.166	-0.730	54.000	4.104	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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		5457.050	59.457	58.054	-14.543	74.000	1.403	PK
2		5460.000	57.025	55.384	-11.175	68.200	1.641	PK
3	*	5469.100	63.724	60.552	-4.476	68.200	3.172	PK
4		5470.000	59.926	56.589	-8.274	68.200	3.337	PK
5		5508.600	115.266	70.050	N/A	N/A	45.217	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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	*	5458.300	49.343	47.809	-4.657	54.000	1.535	AV
2		5460.000	48.639	46.998	-5.361	54.000	1.641	AV
3		5503.500	105.985	58.267	N/A	N/A	47.718	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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		5450.100	63.374	62.194	-10.626	74.000	1.180	PK
2		5460.000	64.809	63.168	-3.391	68.200	1.641	PK
3		5469.800	67.880	64.577	-0.320	68.200	3.304	PK
4	*	5470.000	67.898	64.561	-0.302	68.200	3.337	PK
5		5505.400	121.380	71.663	N/A	N/A	49.717	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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	

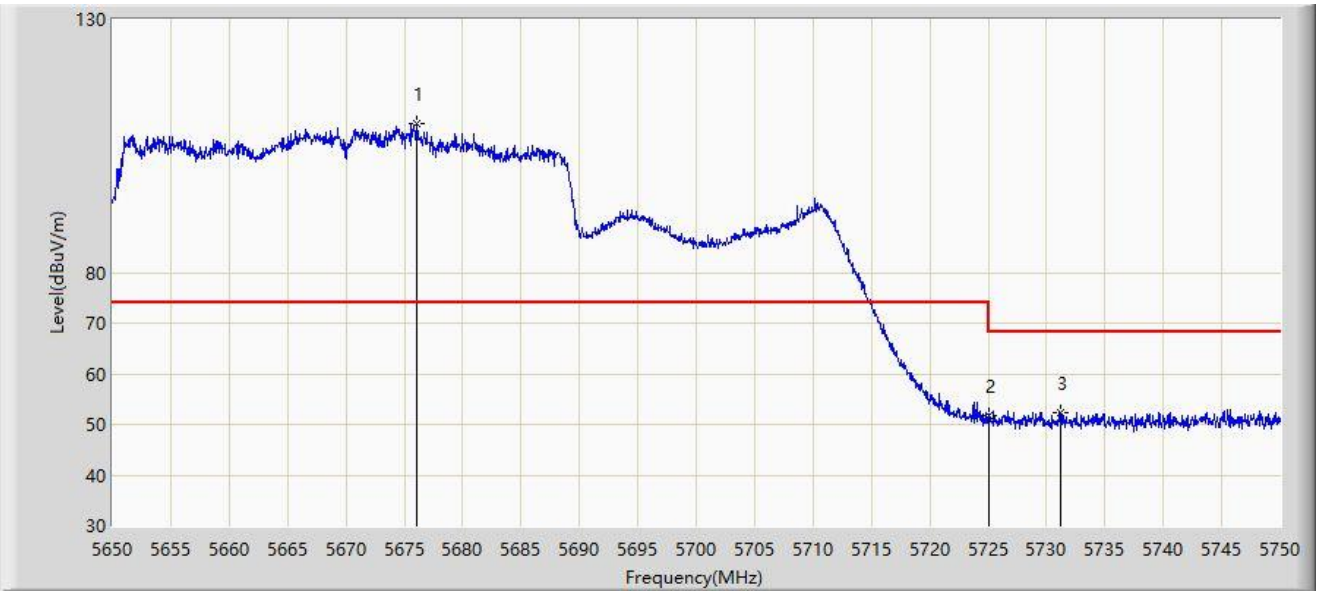
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	53.698	52.057	-0.302	54.000	1.641	AV
2		5505.300	112.795	62.977	N/A	N/A	49.817	AV

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



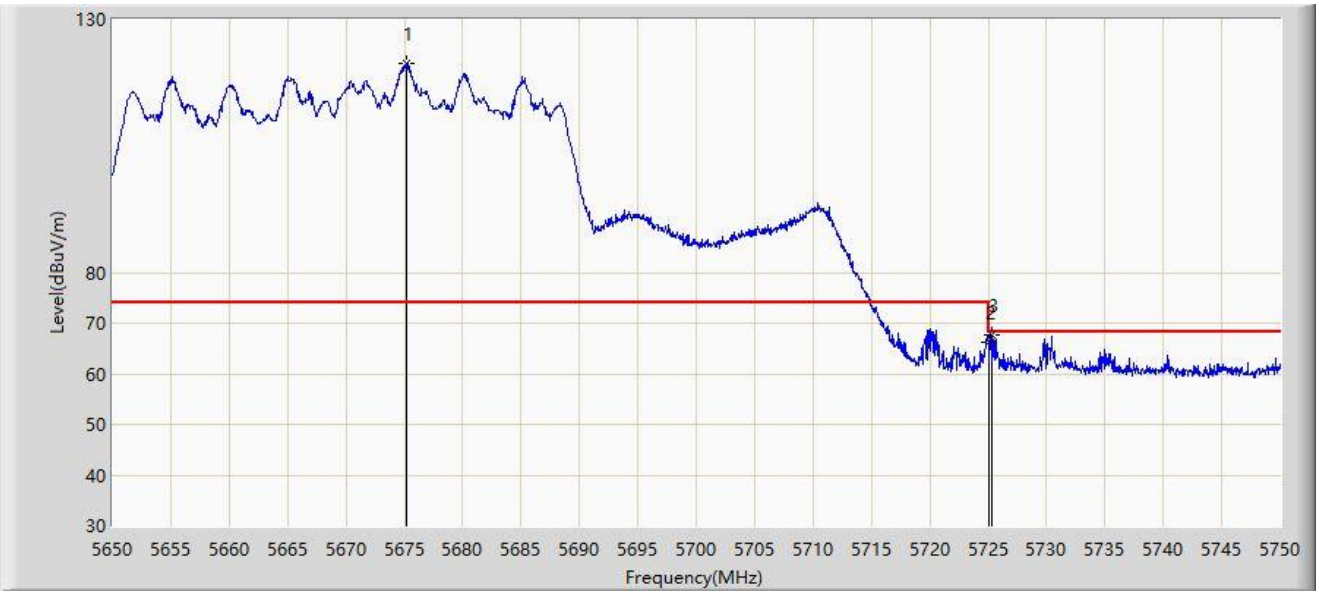
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5676.100	109.402	65.223	N/A	N/A	44.179	PK
2		5725.000	51.624	46.553	-16.576	68.200	5.070	PK
3	*	5731.250	52.290	49.308	-15.910	68.200	2.983	PK

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: SIP-AC2	Test Date: 2022-11-12
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



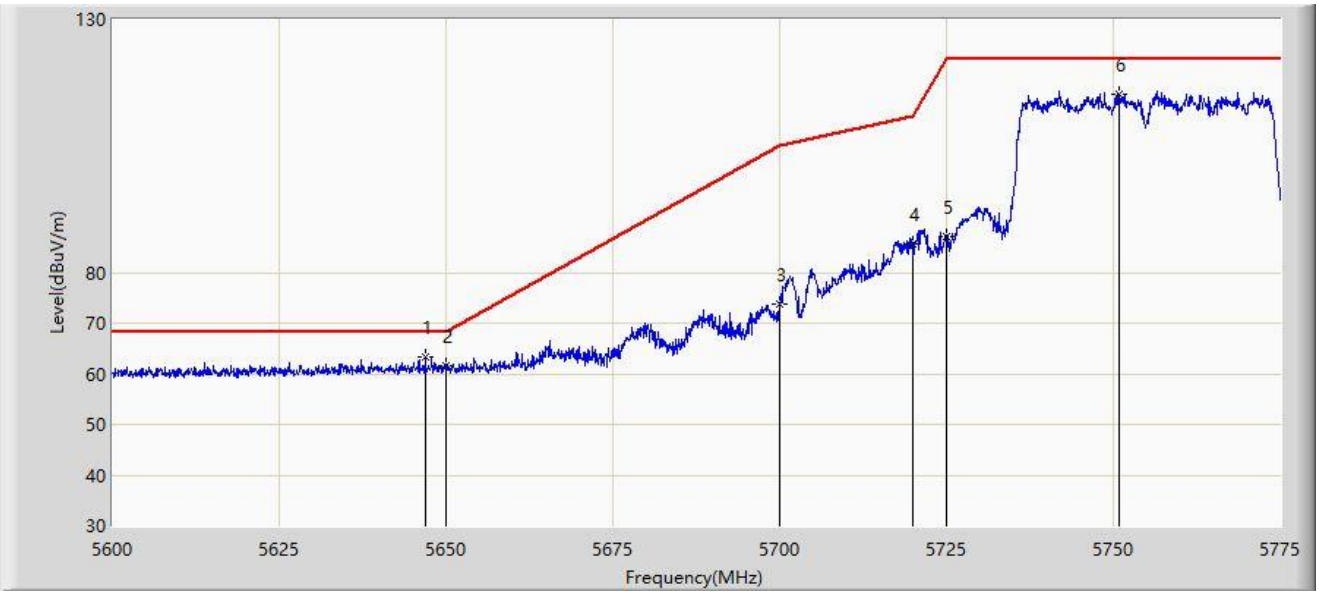
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5675.200	121.444	77.410	N/A	N/A	44.034	PK
2		5725.000	66.231	61.160	-1.969	68.200	5.070	PK
3	*	5725.350	67.674	62.806	-0.526	68.200	4.868	PK

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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



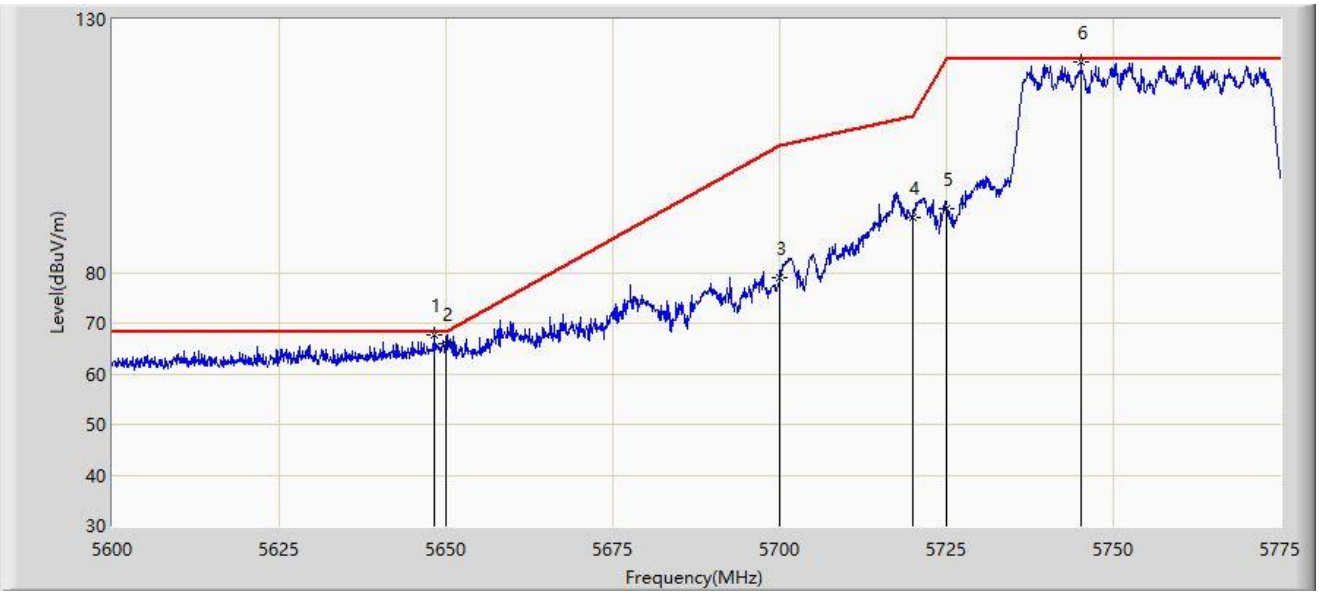
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5646.900	63.326	58.229	-4.874	68.200	5.098	PK
2		5650.000	61.553	56.421	-6.647	68.200	5.132	PK
3		5700.000	73.757	68.629	-31.443	105.200	5.129	PK
4		5720.000	85.706	80.314	-25.094	110.800	5.392	PK
5		5725.000	87.212	81.736	-34.988	122.200	5.476	PK
6		5750.850	115.253	109.754	N/A	N/A	5.499	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



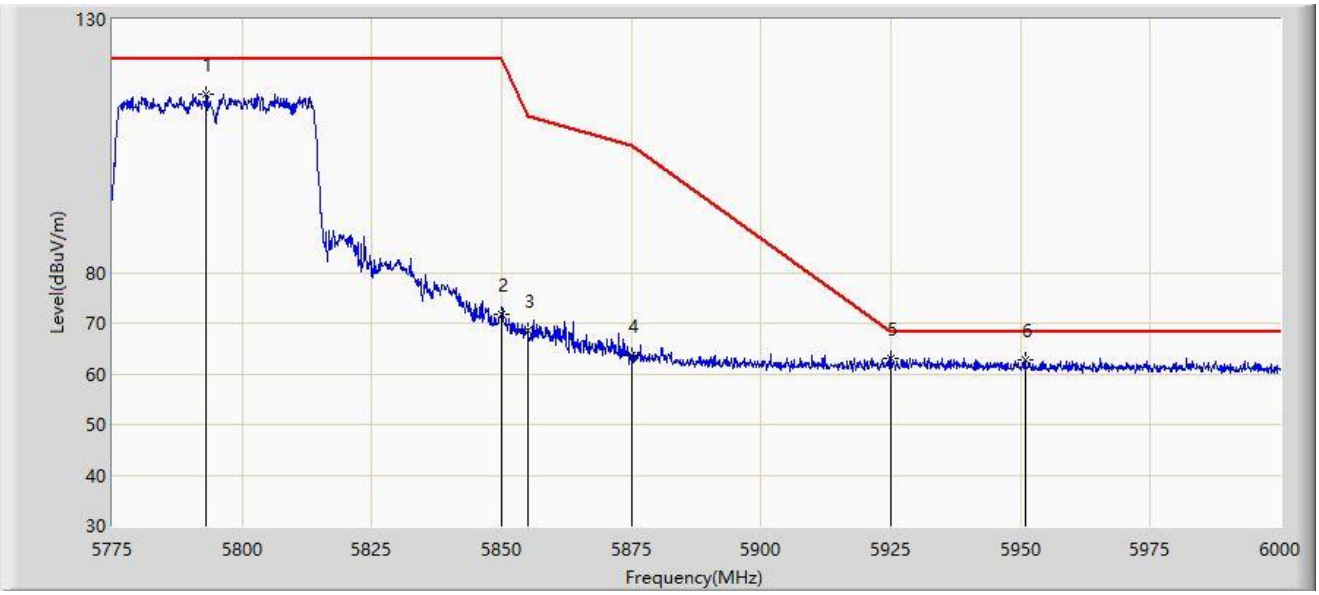
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5648.300	67.817	62.704	-0.383	68.200	5.114	PK
2		5650.000	65.806	60.674	-2.394	68.200	5.132	PK
3		5700.000	78.849	73.721	-26.351	105.200	5.129	PK
4		5720.000	90.814	85.422	-19.986	110.800	5.392	PK
5		5725.000	92.475	86.999	-29.725	122.200	5.476	PK
6		5745.163	121.549	115.968	N/A	N/A	5.580	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



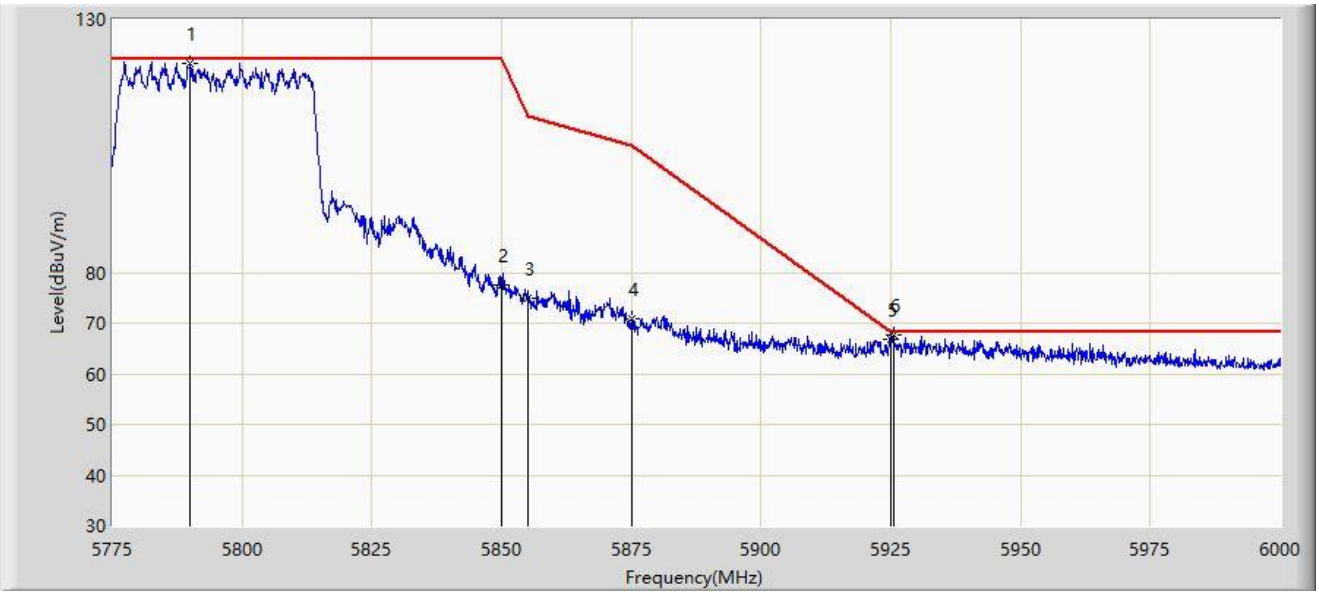
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5793.112	115.336	109.463	N/A	N/A	5.873	PK
2		5850.000	71.694	65.984	-50.506	122.200	5.710	PK
3		5855.000	68.642	62.852	-42.158	110.800	5.790	PK
4		5875.000	63.553	57.640	-41.647	105.200	5.913	PK
5	*	5925.000	62.944	56.927	-5.256	68.200	6.016	PK
6		5950.950	62.838	56.916	-5.362	68.200	5.922	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: WZ-AC2	Test Date: 2022-11-19
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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		5790.075	121.411	115.600	N/A	N/A	5.811	PK
2		5850.000	77.590	71.880	-44.610	122.200	5.710	PK
3		5855.000	74.853	69.063	-35.947	110.800	5.790	PK
4		5875.000	70.757	64.844	-34.443	105.200	5.913	PK
5		5925.000	66.684	60.667	-1.516	68.200	6.016	PK
6	*	5925.525	67.639	61.612	-0.561	68.200	6.027	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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	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	*	5123.300	56.313	64.010	-17.687	74.000	-7.696	PK
2		5150.000	52.717	58.050	-21.283	74.000	-5.333	PK
3		5217.940	105.644	65.730	N/A	N/A	39.913	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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Residential Cable Gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	

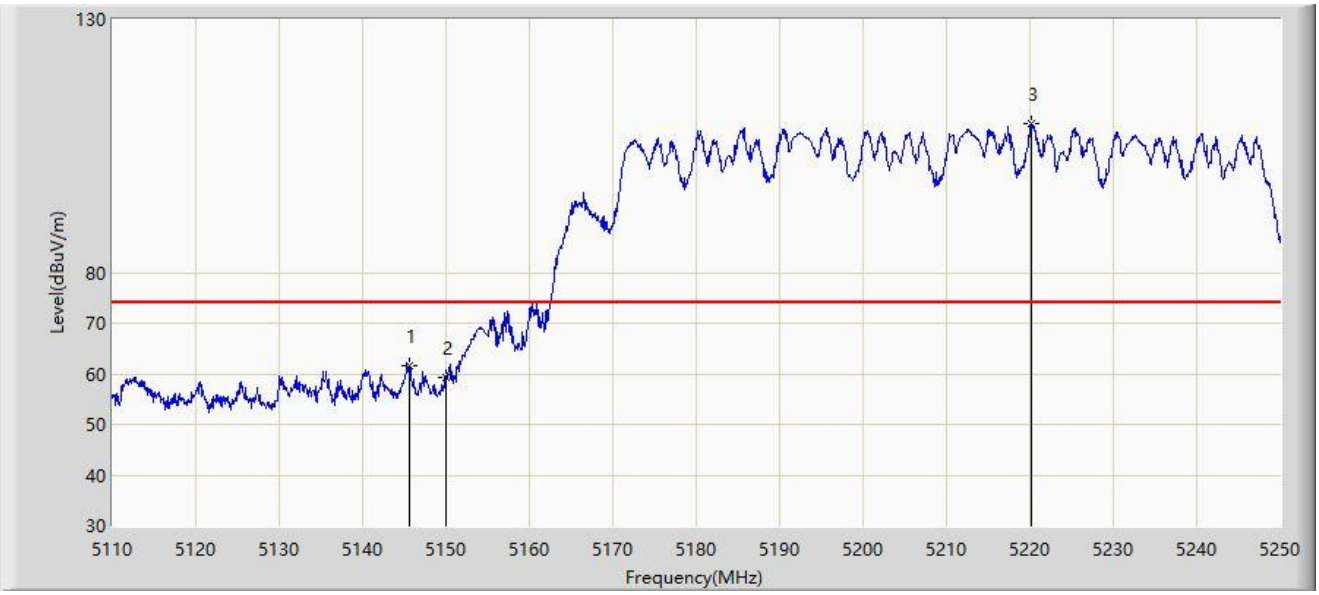
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.450	46.926	52.723	-7.074	54.000	-5.797	AV
2		5150.000	44.100	49.433	-9.900	54.000	-5.333	AV
3		5217.520	96.151	56.887	N/A	N/A	39.263	AV

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: SIP-AC1	Test Date: 2022-11-07
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Residential Cable Gateway	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	*	5145.700	61.523	67.517	-12.477	74.000	-5.994	PK
2		5150.000	59.407	64.740	-14.593	74.000	-5.333	PK
3		5220.250	109.563	69.276	N/A	N/A	40.287	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).