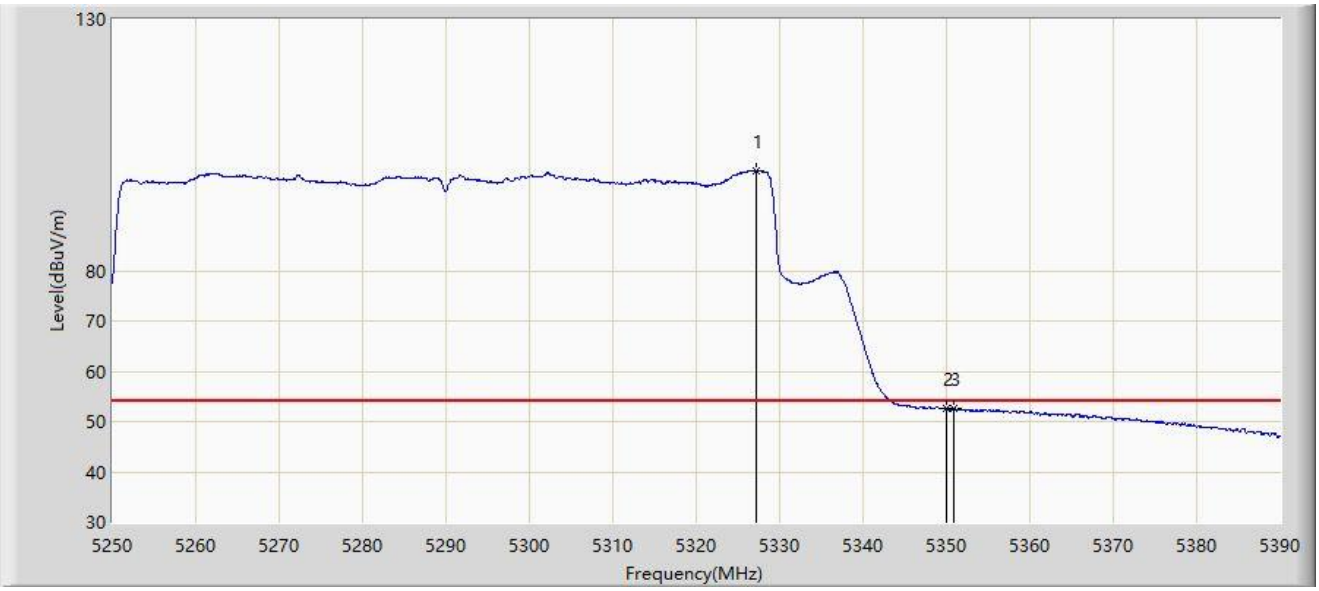
Site: SIP-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



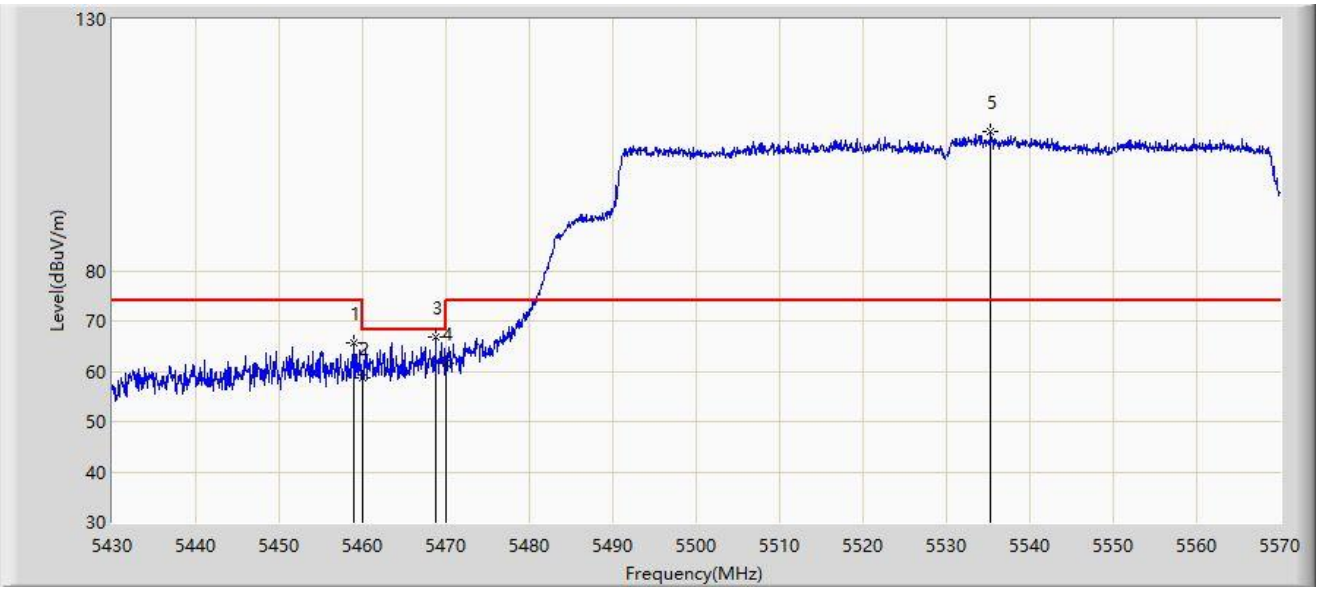
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5327.210	99.745	60.619	N/A	N/A	39.125	AV
2		5350.000	52.494	53.944	-1.506	54.000	-1.451	AV
3	*	5350.870	52.733	54.630	-1.267	54.000	-1.897	AV

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



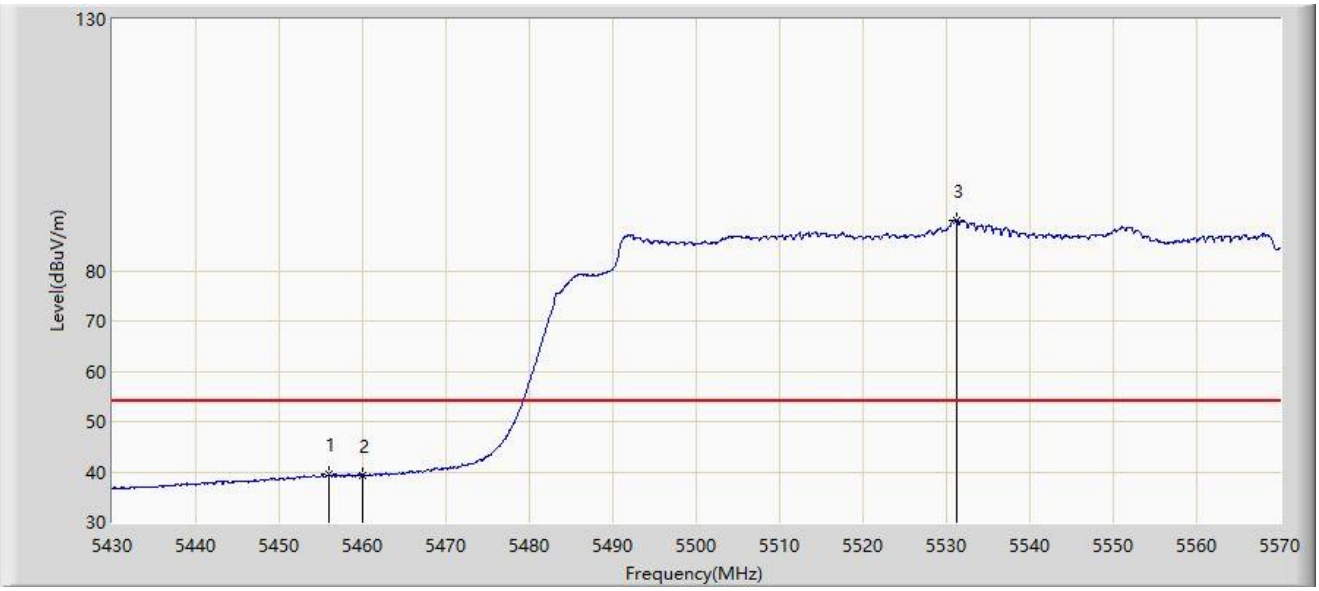
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.980	65.729	69.524	-8.271	74.000	-3.795	PK
2		5460.000	58.762	62.437	-9.438	68.200	-3.675	PK
3	*	5468.780	66.748	69.113	-1.452	68.200	-2.365	PK
4		5470.000	61.501	63.433	-6.699	68.200	-1.932	PK
5		5535.350	107.823	66.078	N/A	N/A	41.745	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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



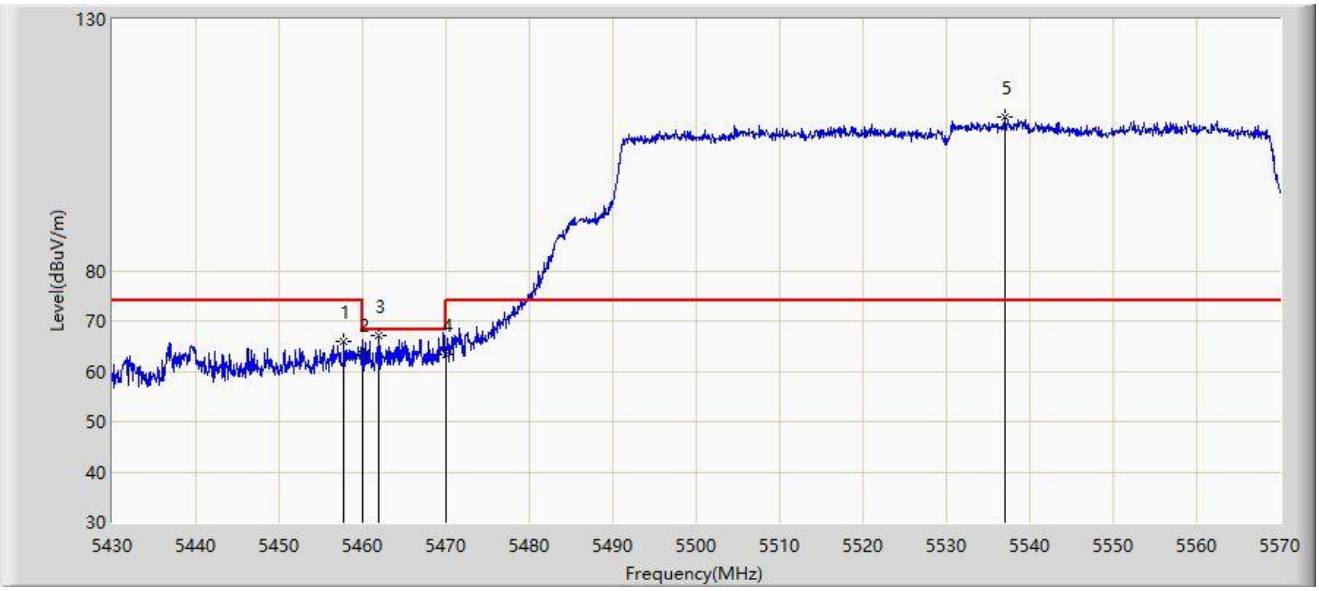
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5456.040	39.445	43.421	-14.555	54.000	-3.977	AV
2		5460.000	39.419	43.094	-14.581	54.000	-3.675	AV
3		5531.150	90.123	42.120	N/A	N/A	48.003	AV

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



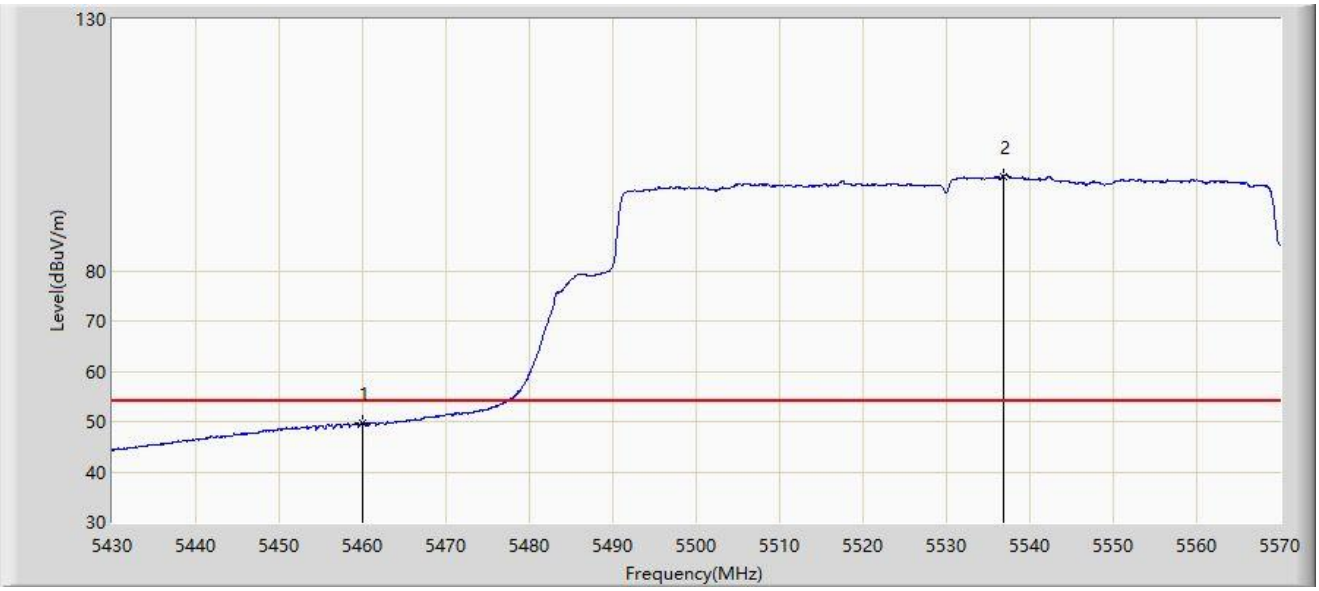
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5457.720	65.901	69.790	-8.099	74.000	-3.890	PK
2		5460.000	63.441	67.116	-4.759	68.200	-3.675	PK
3	*	5461.850	66.986	70.548	-1.214	68.200	-3.562	PK
4		5470.000	63.406	65.338	-4.794	68.200	-1.932	PK
5		5537.100	110.606	70.432	N/A	N/A	40.174	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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



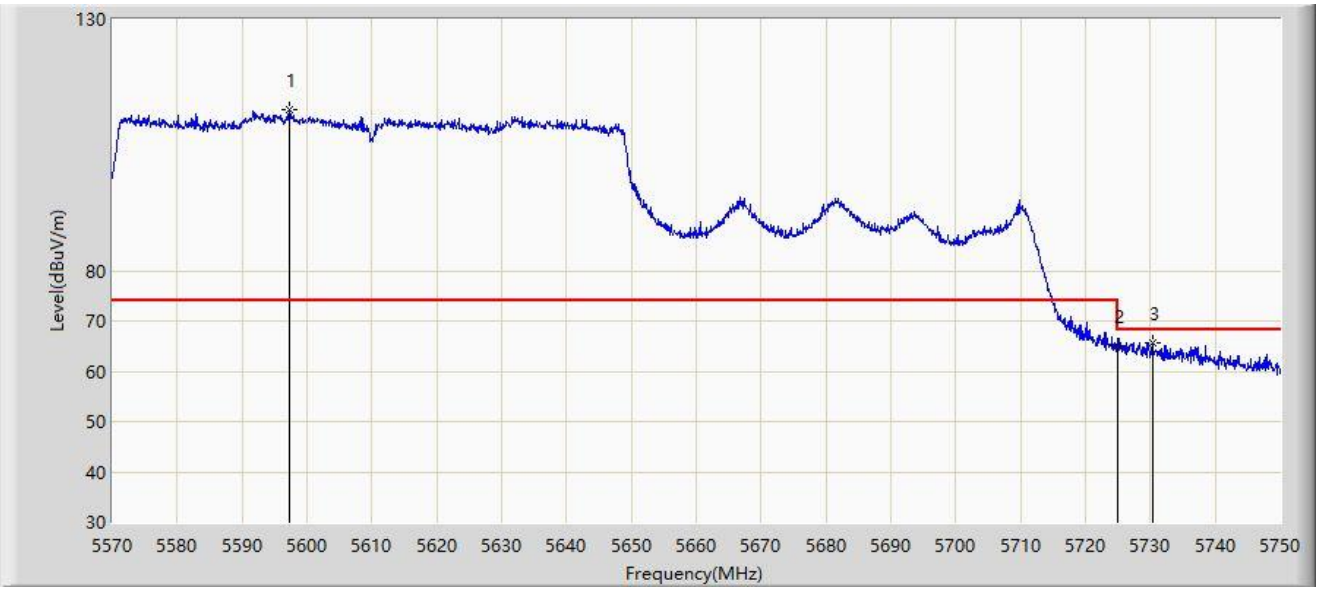
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	49.699	53.374	-4.301	54.000	-3.675	AV
2		5536.820	98.829	58.529	N/A	N/A	40.300	AV

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



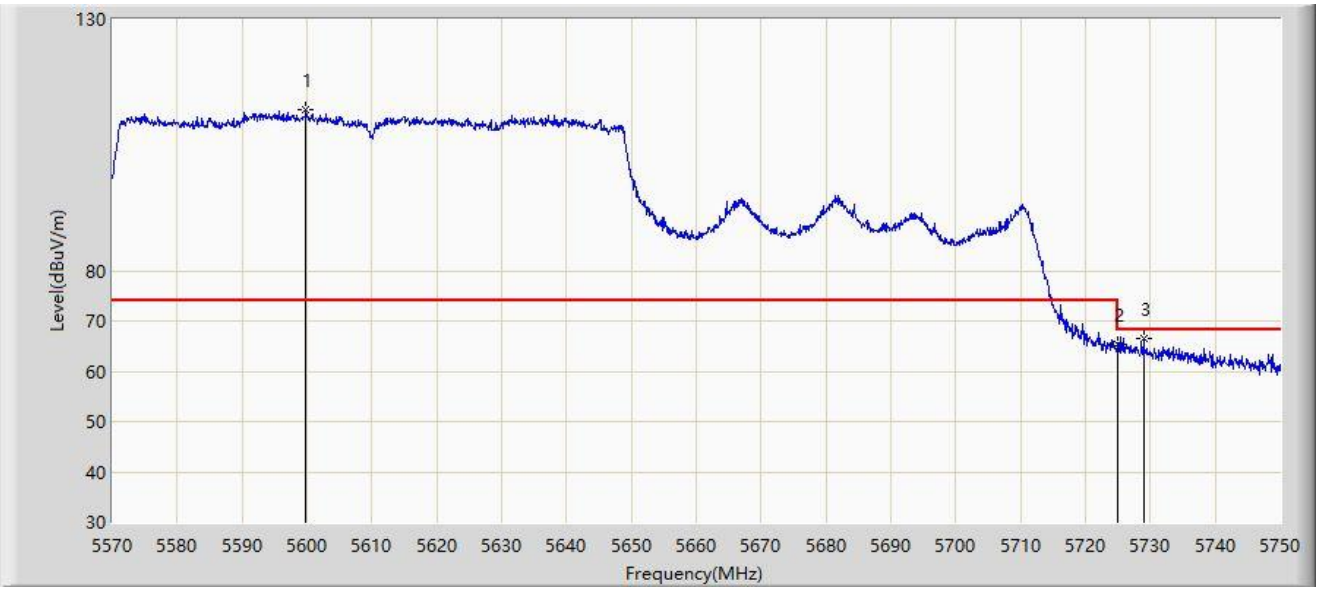
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5597.360	111.904	73.679	N/A	N/A	38.226	PK
2		5725.000	65.141	66.736	-3.059	68.200	-1.596	PK
3	*	5730.290	65.762	69.173	-2.438	68.200	-3.411	PK

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



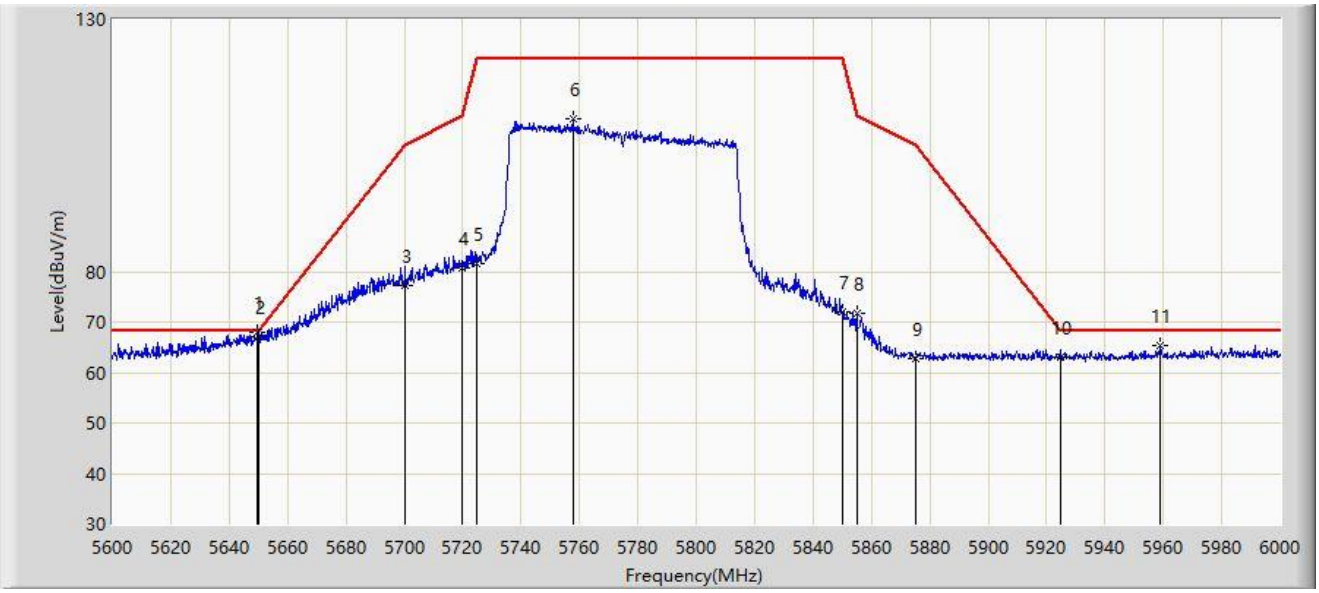
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5599.880	111.912	74.708	N/A	N/A	37.204	PK
2		5725.000	65.266	66.861	-2.934	68.200	-1.596	PK
3	*	5729.030	66.650	69.793	-1.550	68.200	-3.143	PK

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: 2023/01/03 - 15:27
Limit: FCC_5.8G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



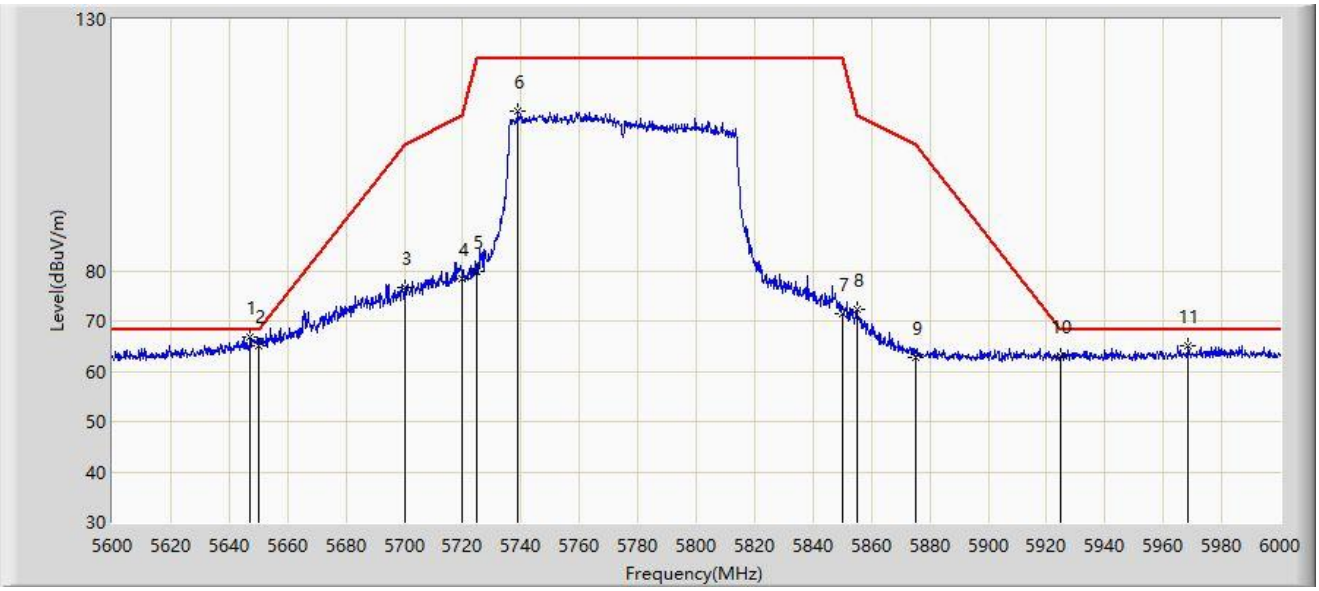
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5649.600	67.935	77.319	-0.265	68.200	-9.384	PK
2		5650.000	67.089	76.466	-1.111	68.200	-9.377	PK
3		5700.000	77.306	87.021	-27.894	105.200	-9.715	PK
4		5720.000	80.650	90.359	-30.150	110.800	-9.709	PK
5		5725.000	81.585	91.267	-40.615	122.200	-9.682	PK
6		5757.800	110.429	119.558	N/A	N/A	-9.129	PK
7		5850.000	72.093	80.990	-50.107	122.200	-8.896	PK
8		5855.000	71.882	80.827	-38.918	110.800	-8.946	PK
9		5875.000	62.858	71.936	-42.342	105.200	-9.078	PK
10		5925.000	63.000	72.014	-5.200	68.200	-9.014	PK
11		5959.000	65.242	74.012	-2.958	68.200	-8.770	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: 2023/01/03 - 15:20
Limit: FCC_5.8G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



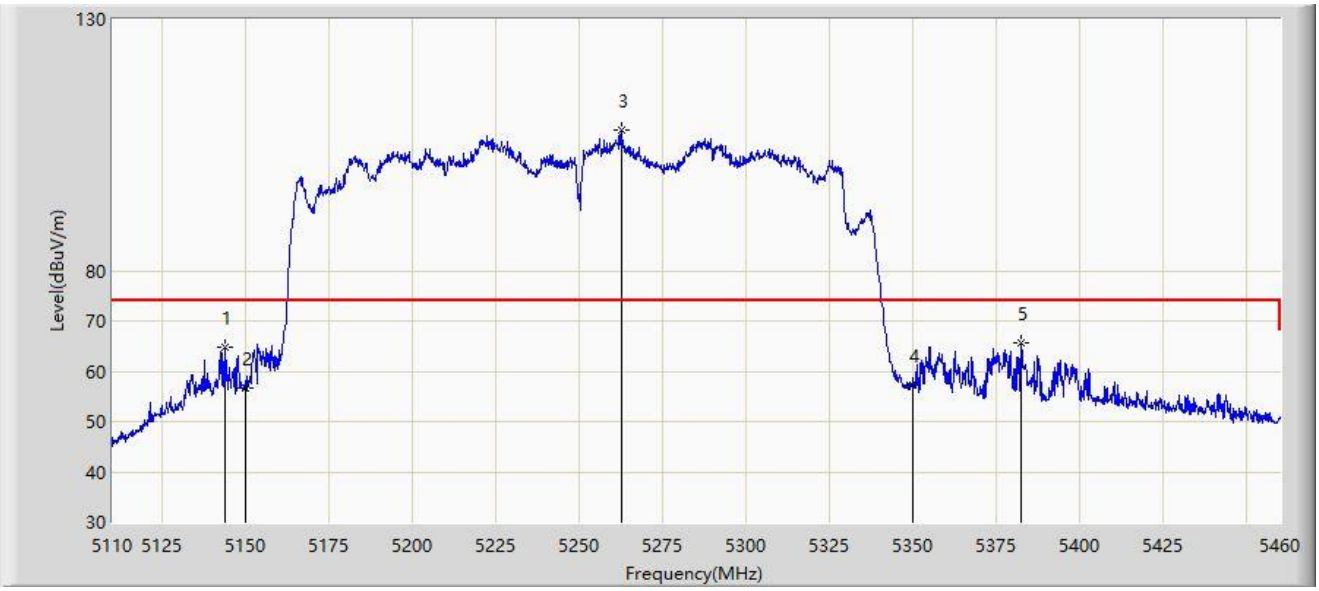
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5647.200	66.680	76.107	-1.520	68.200	-9.428	PK
2		5650.000	65.209	74.586	-2.991	68.200	-9.377	PK
3		5700.000	76.685	86.400	-28.515	105.200	-9.715	PK
4		5720.000	78.346	88.055	-32.454	110.800	-9.709	PK
5		5725.000	79.929	89.611	-42.271	122.200	-9.682	PK
6		5739.000	111.806	121.142	N/A	N/A	-9.336	PK
7		5850.000	71.487	80.384	-50.713	122.200	-8.896	PK
8		5855.000	72.288	81.233	-38.512	110.800	-8.946	PK
9		5875.000	62.817	71.895	-42.383	105.200	-9.078	PK
10		5925.000	63.120	72.134	-5.080	68.200	-9.014	PK
11		5968.600	65.013	73.698	-3.187	68.200	-8.685	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-AC3	Test Date: 2022-12-21
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



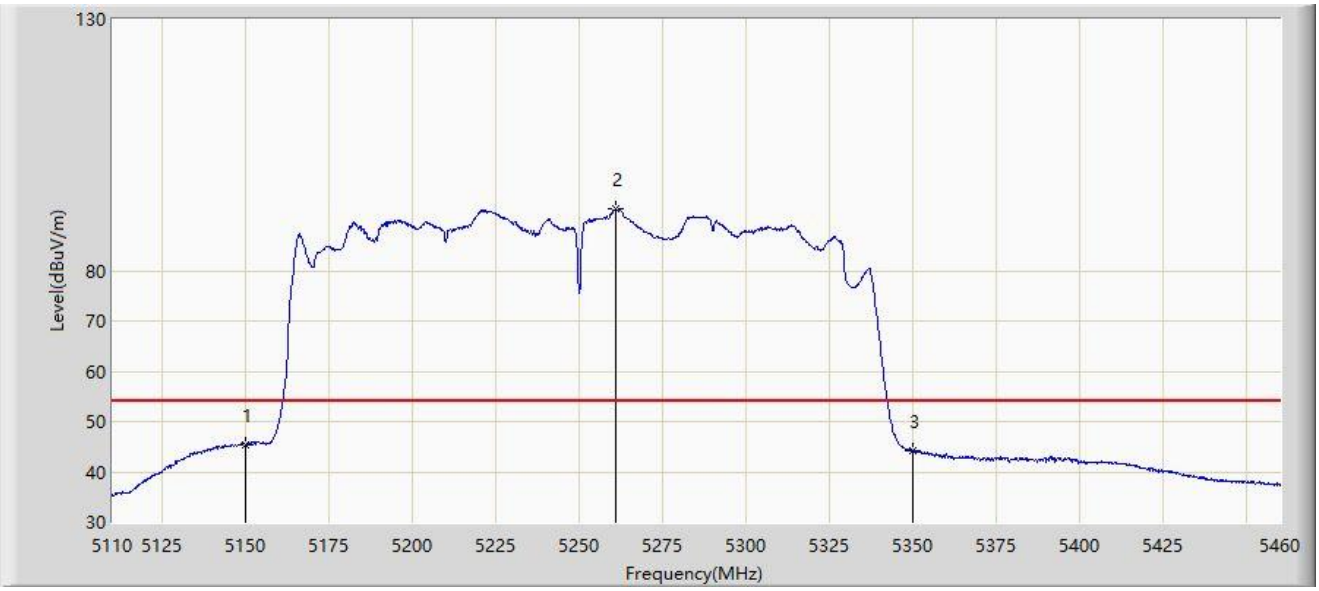
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5143.775	64.801	68.769	-9.199	74.000	-3.968	PK
2		5150.000	56.656	59.681	-17.344	74.000	-3.026	PK
3		5262.775	107.843	64.325	N/A	N/A	43.518	PK
4		5350.000	57.264	58.714	-16.736	74.000	-1.451	PK
5	*	5382.300	65.580	70.783	-8.420	74.000	-5.202	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-AC3	Test Date: 2022-12-21
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



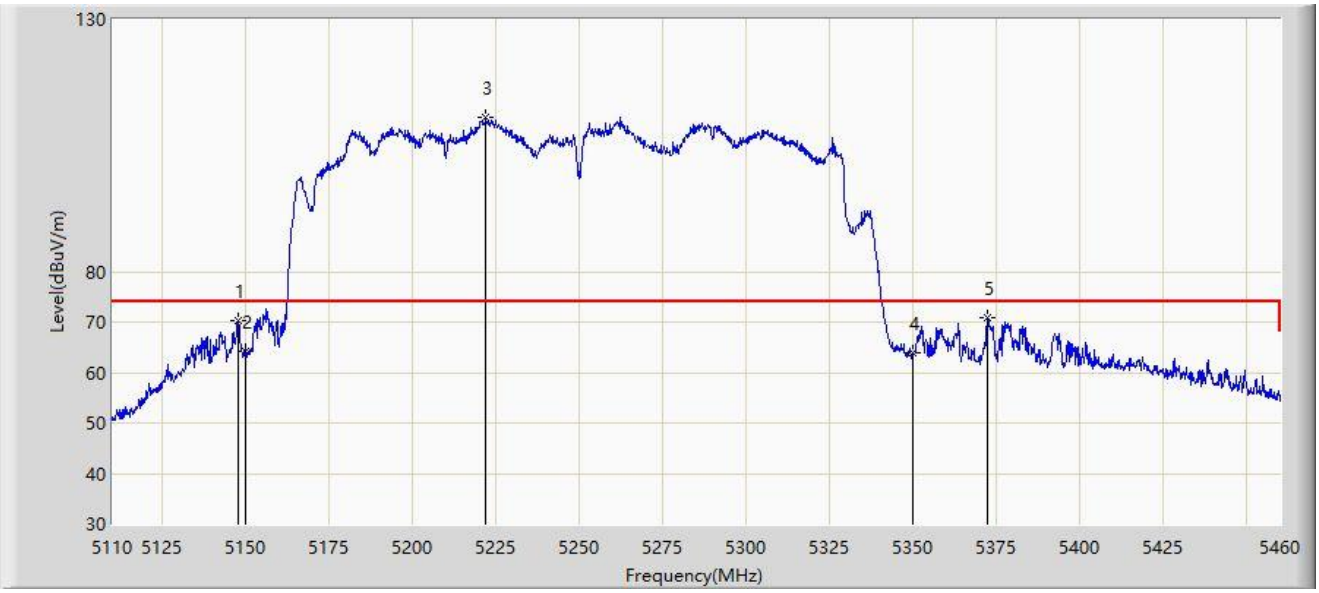
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	45.308	48.333	-8.692	54.000	-3.026	AV
2		5260.850	92.269	45.999	N/A	N/A	46.270	AV
3		5350.000	44.080	45.530	-9.920	54.000	-1.451	AV

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-AC3	Test Date: 2022-12-21
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



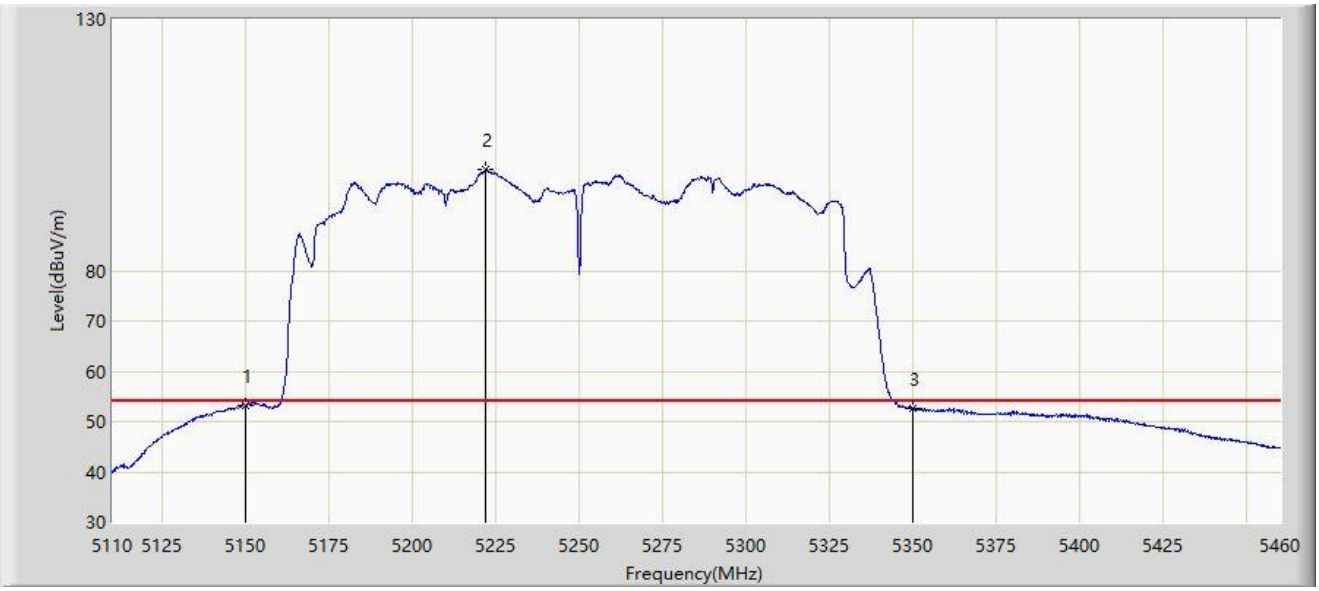
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5147.625	70.342	73.853	-3.658	74.000	-3.510	PK
2		5150.000	64.058	67.083	-9.942	74.000	-3.026	PK
3		5221.825	110.509	68.975	N/A	N/A	41.534	PK
4		5350.000	63.800	65.250	-10.200	74.000	-1.451	PK
5	*	5372.325	70.856	75.925	-3.144	74.000	-5.069	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: SIP-AC3	Test Date: 2022-12-21
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



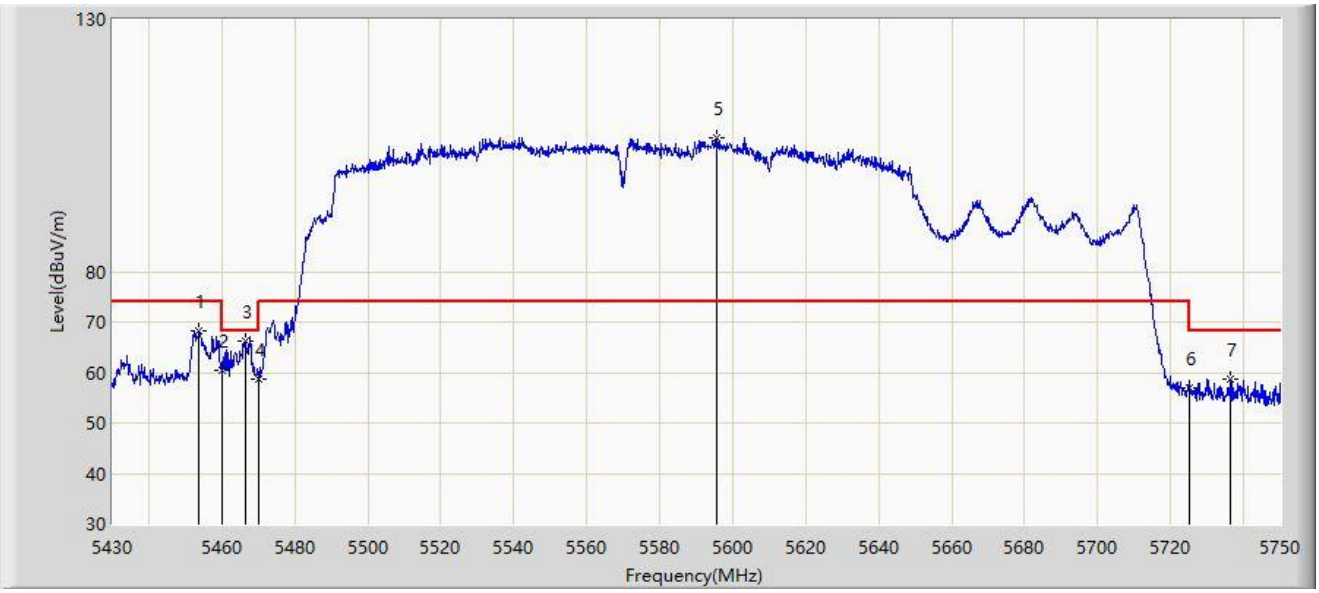
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	53.223	56.248	-0.777	54.000	-3.026	AV
2		5222.000	100.153	58.875	N/A	N/A	41.278	AV
3		5350.000	52.465	53.915	-1.535	54.000	-1.451	AV

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



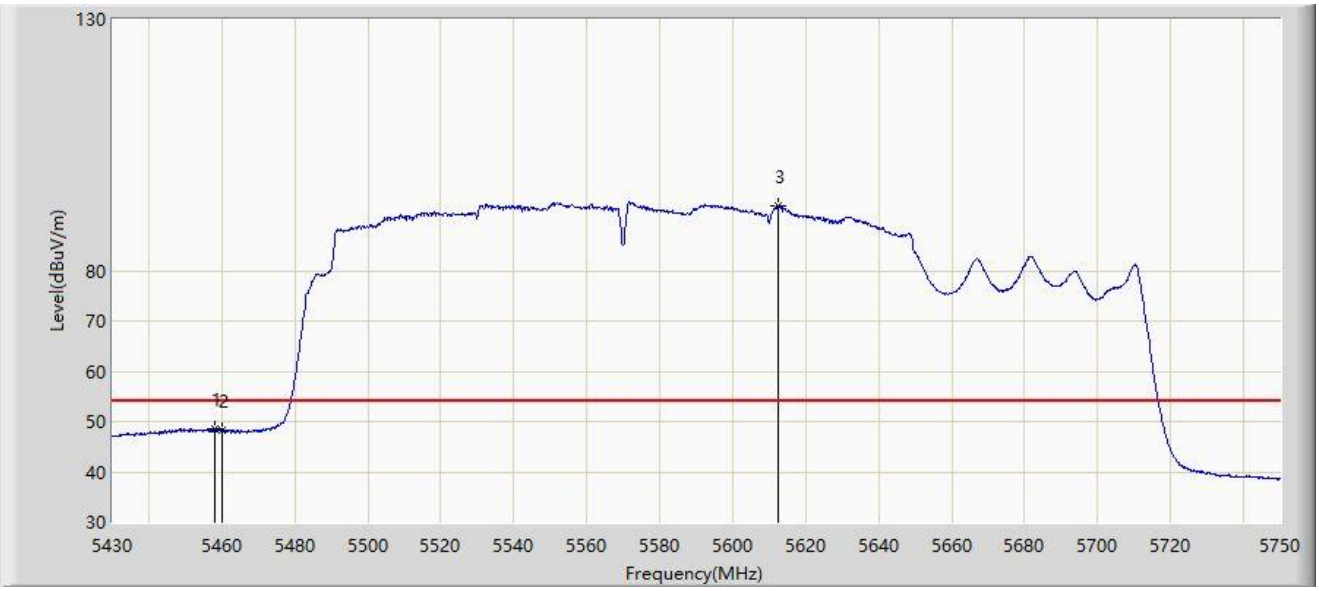
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.680	68.334	72.425	-5.666	74.000	-4.091	PK
2		5460.000	60.346	64.021	-7.854	68.200	-3.675	PK
3	*	5466.320	66.306	69.284	-1.894	68.200	-2.978	PK
4		5470.000	58.577	60.509	-9.623	68.200	-1.932	PK
5		5595.440	106.570	66.615	N/A	N/A	39.956	PK
6		5725.000	57.052	58.647	-11.148	68.200	-1.596	PK
7		5736.240	58.654	62.767	-9.546	68.200	-4.112	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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



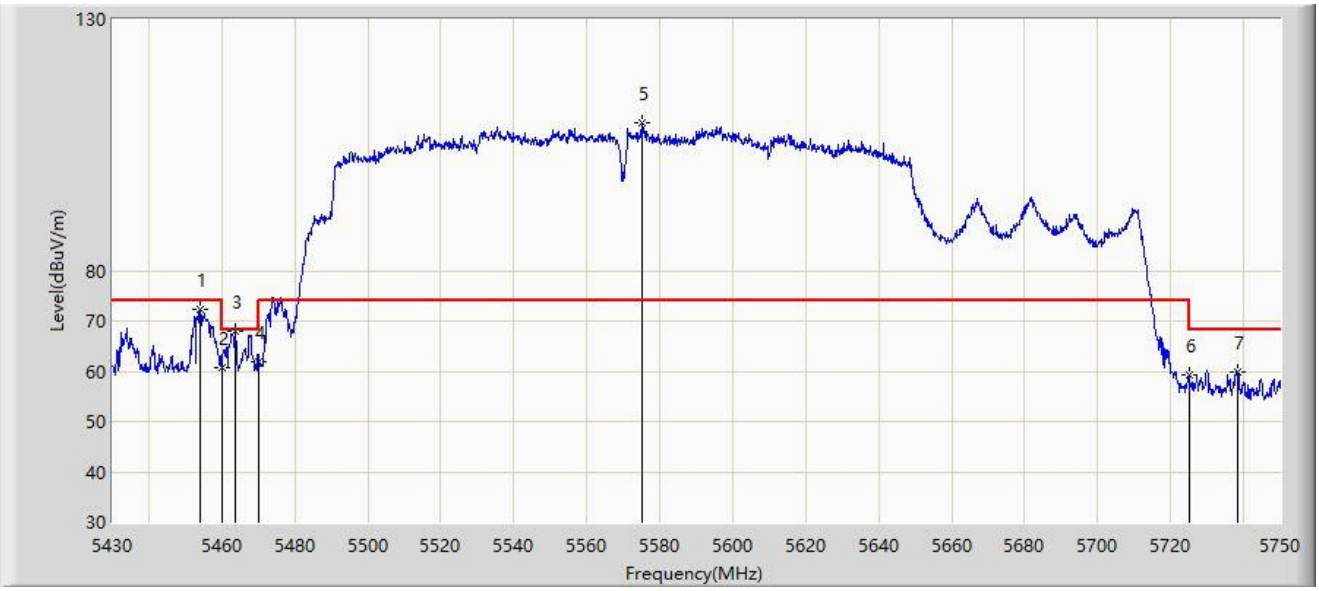
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5458.000	48.497	52.334	-5.503	54.000	-3.836	AV
2		5460.000	48.193	51.868	-5.807	54.000	-3.675	AV
3		5612.400	93.015	44.879	N/A	N/A	48.135	AV

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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



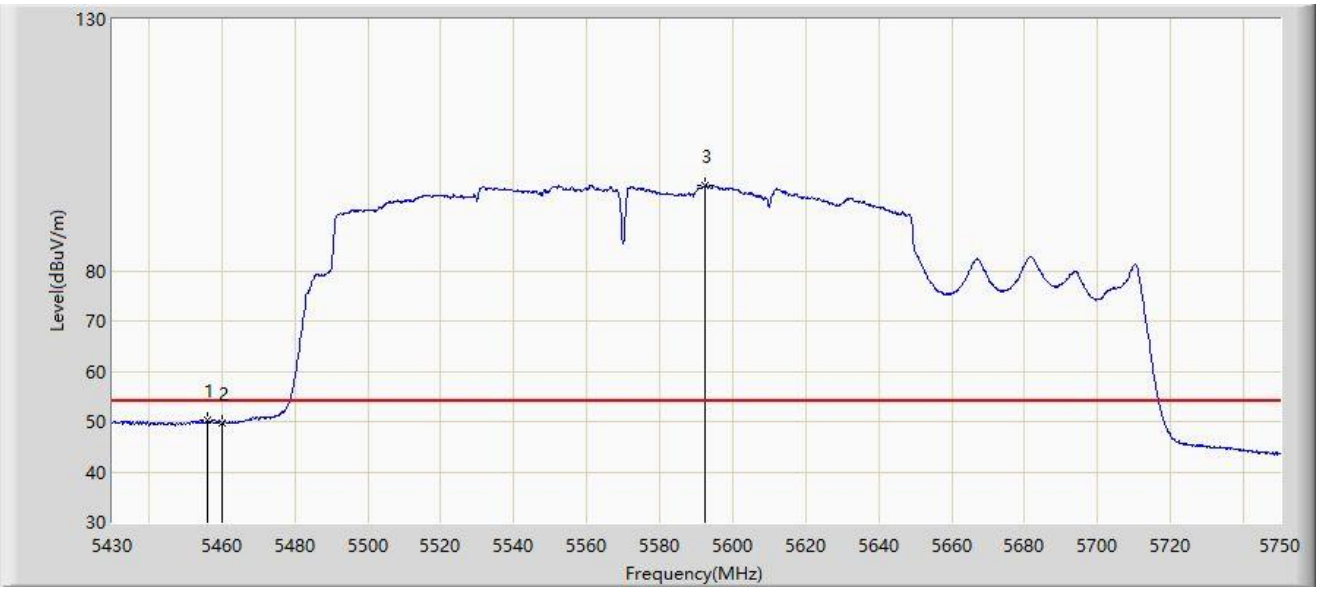
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5454.000	72.402	76.489	-1.598	74.000	-4.087	PK
2		5460.000	60.623	64.298	-7.577	68.200	-3.675	PK
3	*	5463.600	67.895	71.291	-0.305	68.200	-3.396	PK
4		5470.000	61.826	63.758	-6.374	68.200	-1.932	PK
5		5575.280	109.459	66.937	N/A	N/A	42.522	PK
6		5725.000	59.201	60.796	-8.999	68.200	-1.596	PK
7		5738.320	59.876	64.119	-8.324	68.200	-4.243	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-AC3	Test Date: 2022-12-31
Limit: FCC_5G_RE(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5455.920	50.170	54.150	-3.830	54.000	-3.980	AV
2		5460.000	49.780	53.455	-4.220	54.000	-3.675	AV
3		5592.560	97.083	52.767	N/A	N/A	44.317	AV

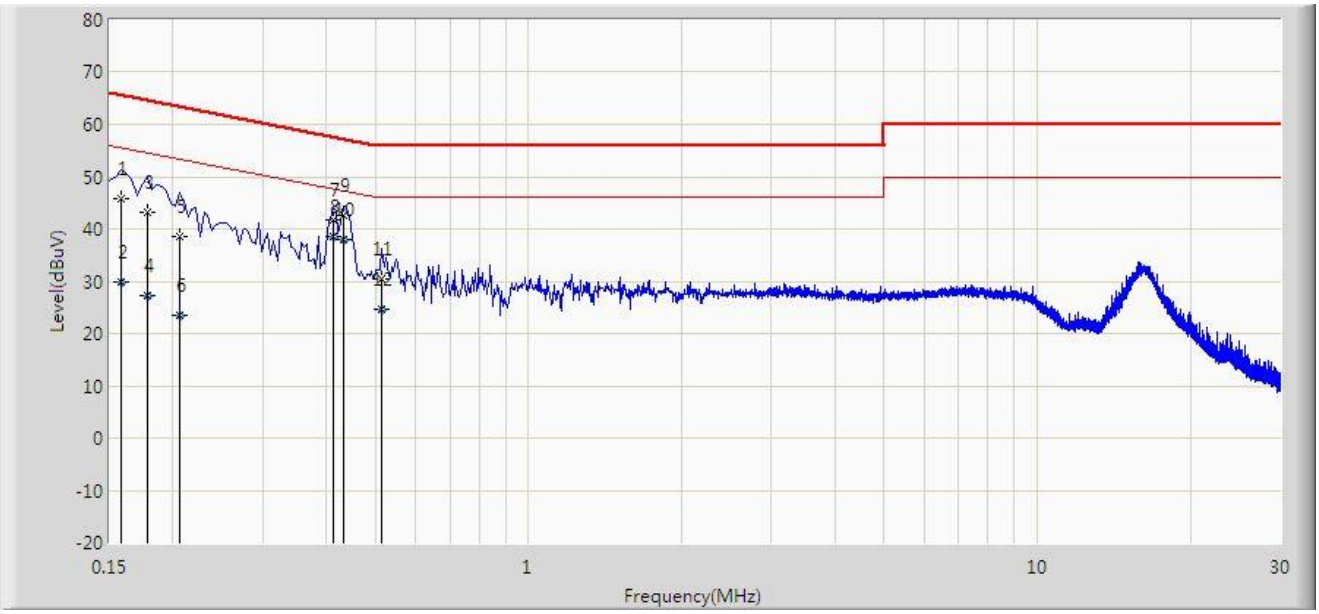
Note 1: " * ", means this data is the worst emission level.

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

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

A.9 AC Conducted Emissions Test Result

Site: SIP-SR2	Time: 2023/03/23 - 18:46
Temperature: 19.8°C	Humidity: 63.1%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Barry Wu
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



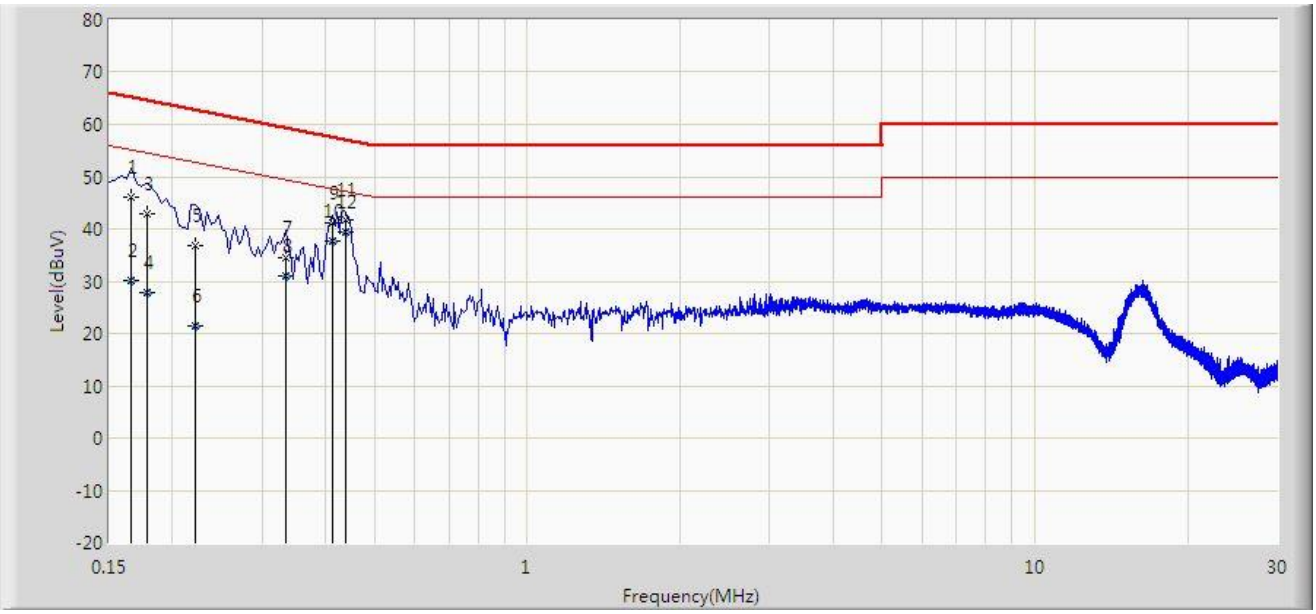
No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.158	45.882	36.102	-19.686	65.568	9.780	QP
2		0.158	29.911	20.131	-25.657	55.568	9.780	AV
3		0.178	43.051	33.271	-21.527	64.578	9.780	QP
4		0.178	27.176	17.396	-27.403	54.578	9.780	AV
5		0.206	38.429	28.614	-24.936	63.365	9.815	QP
6		0.206	23.541	13.726	-29.824	53.365	9.815	AV
7		0.414	41.606	31.746	-15.962	57.568	9.860	QP
8	*	0.414	38.518	28.658	-9.049	47.568	9.860	AV
9		0.434	42.610	32.750	-14.566	57.176	9.860	QP
10		0.434	37.958	28.098	-9.217	47.176	9.860	AV
11		0.514	30.526	20.665	-25.474	56.000	9.861	QP
12		0.514	24.711	14.850	-21.289	46.000	9.861	AV

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

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

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

Site: SIP-SR2	Time: 2023/03/23 - 18:54
Temperature: 19.8°C	Humidity: 63.1%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Barry Wu
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.166	46.208	36.418	-18.950	65.158	9.790	QP
2		0.166	30.183	20.393	-24.976	55.158	9.790	AV
3		0.178	42.780	32.990	-21.799	64.578	9.790	QP
4		0.178	27.721	17.931	-26.857	54.578	9.790	AV
5		0.222	36.771	26.933	-25.973	62.744	9.838	QP
6		0.222	21.380	11.541	-31.364	52.744	9.838	AV
7		0.334	34.600	24.732	-24.751	59.351	9.868	QP
8		0.334	31.004	21.135	-18.348	49.351	9.868	AV
9		0.414	41.136	31.266	-16.432	57.568	9.870	QP
10		0.414	37.776	27.906	-9.791	47.568	9.870	AV
11		0.438	41.675	31.805	-15.425	57.100	9.870	QP
12	*	0.438	39.354	29.484	-7.746	47.100	9.870	AV

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

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

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

Appendix B – Test Setup Photograph

Refer to “2210RSU047-UT” file.

Appendix C – EUT Photograph

Refer to “2210RSU047-UE” file.

The End