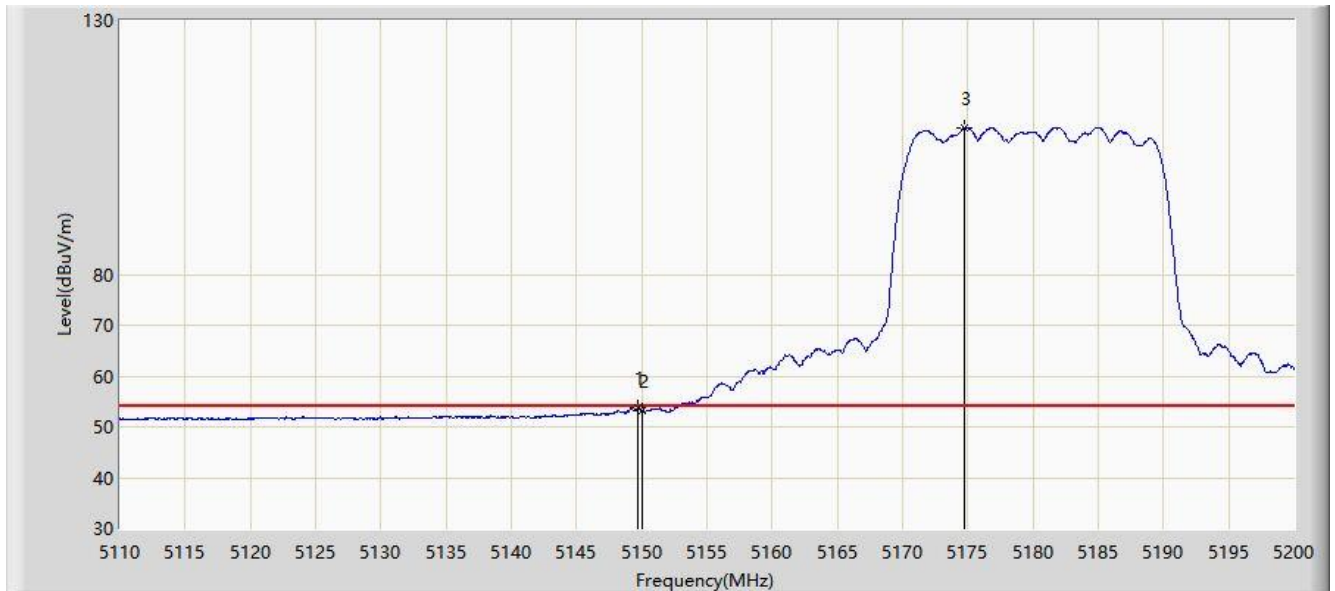


Site: WZ-AC1	Time: 2021/05/07 – 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz	

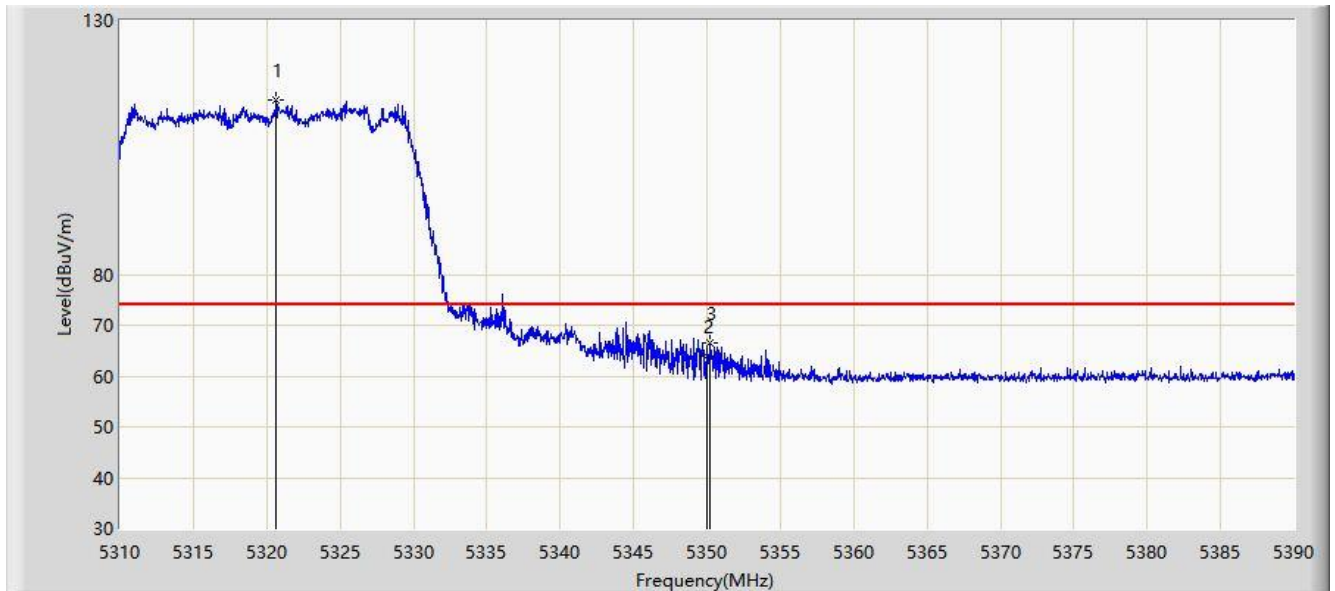


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.690	53.745	49.718	-0.255	54.000	4.028	AV
2			5150.000	53.191	49.162	-0.809	54.000	4.029	AV
3	X	*	5174.710	108.781	104.654	N/A	N/A	4.127	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5320MHz	

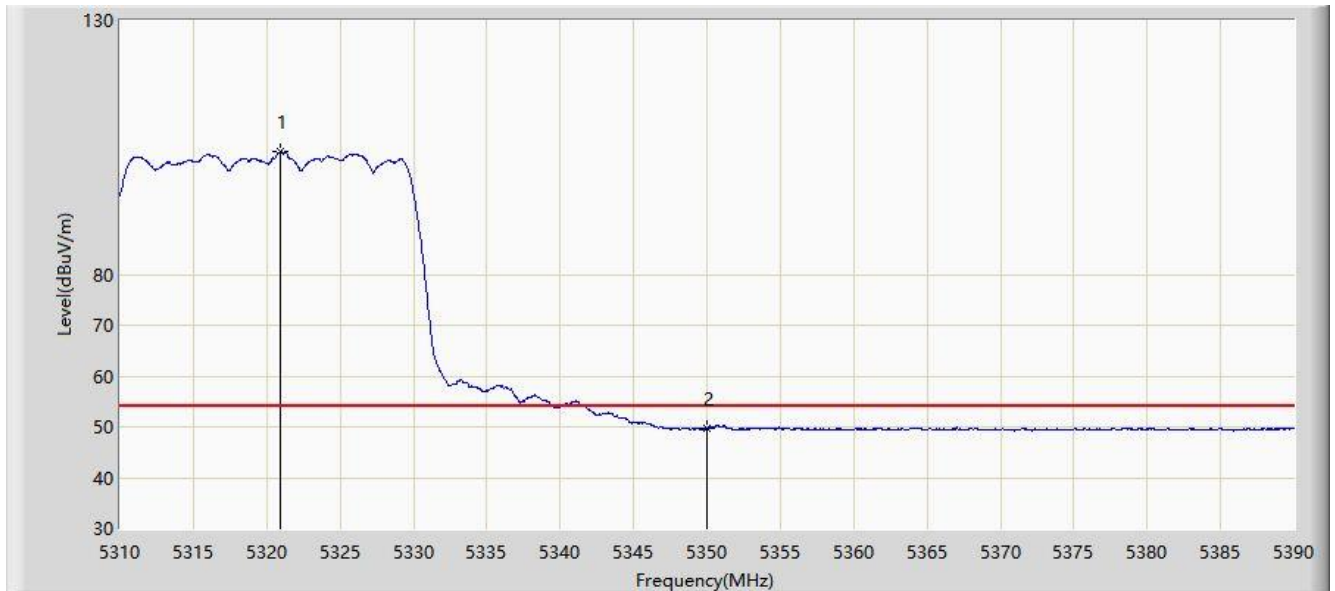


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.640	114.395	110.577	N/A	N/A	3.817	PK
2			5350.000	63.838	59.821	-10.162	74.000	4.017	PK
3			5350.200	66.455	62.436	-7.545	74.000	4.018	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 00:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5320MHz	

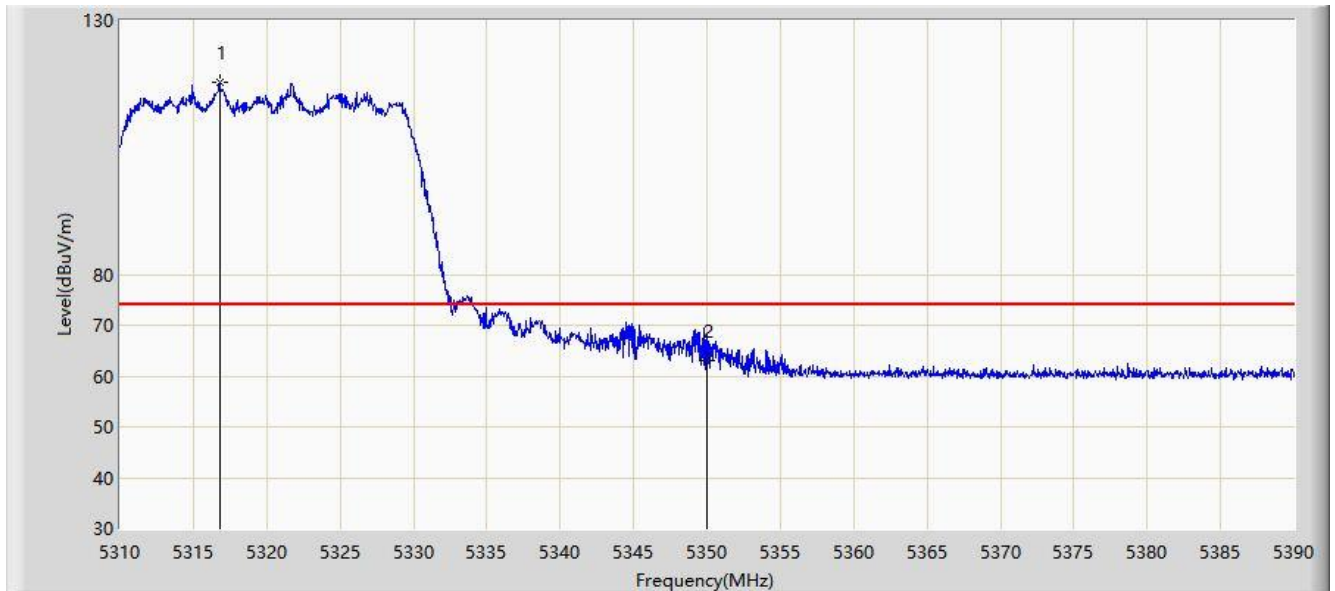


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5320.960	104.084	100.265	N/A	N/A	3.818	AV
2			5350.000	49.823	45.806	-4.177	54.000	4.017	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5320MHz	

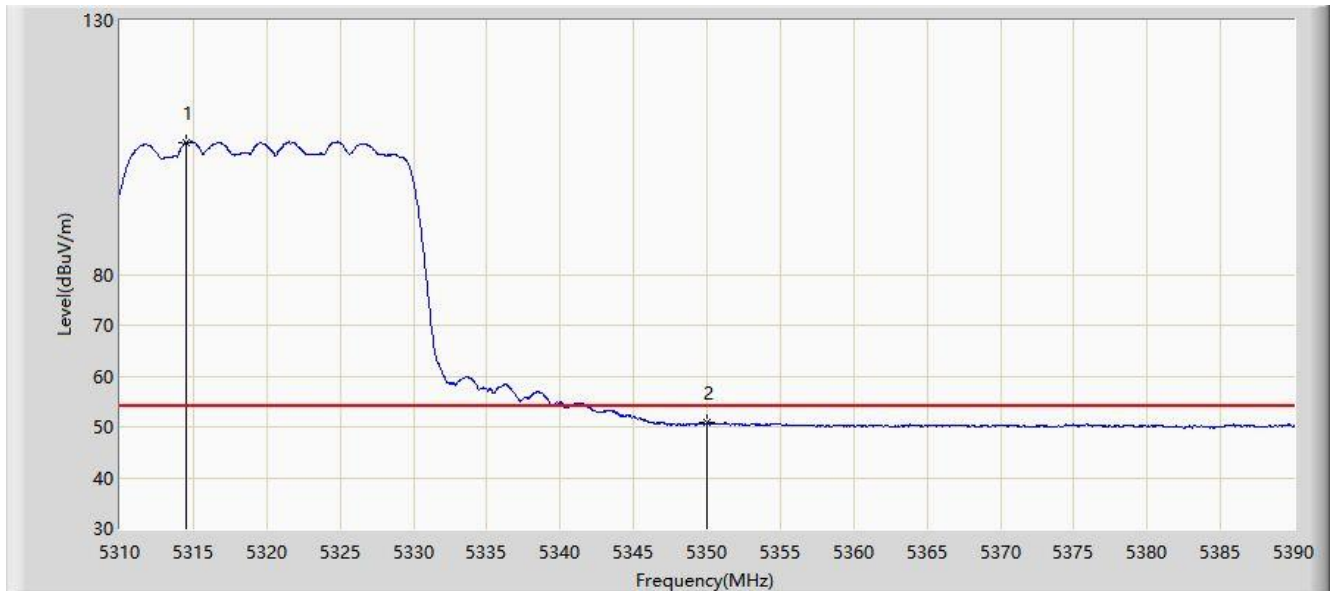


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.800	117.872	114.063	N/A	N/A	3.810	PK
2			5350.000	63.159	59.142	-10.841	74.000	4.017	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5320MHz	

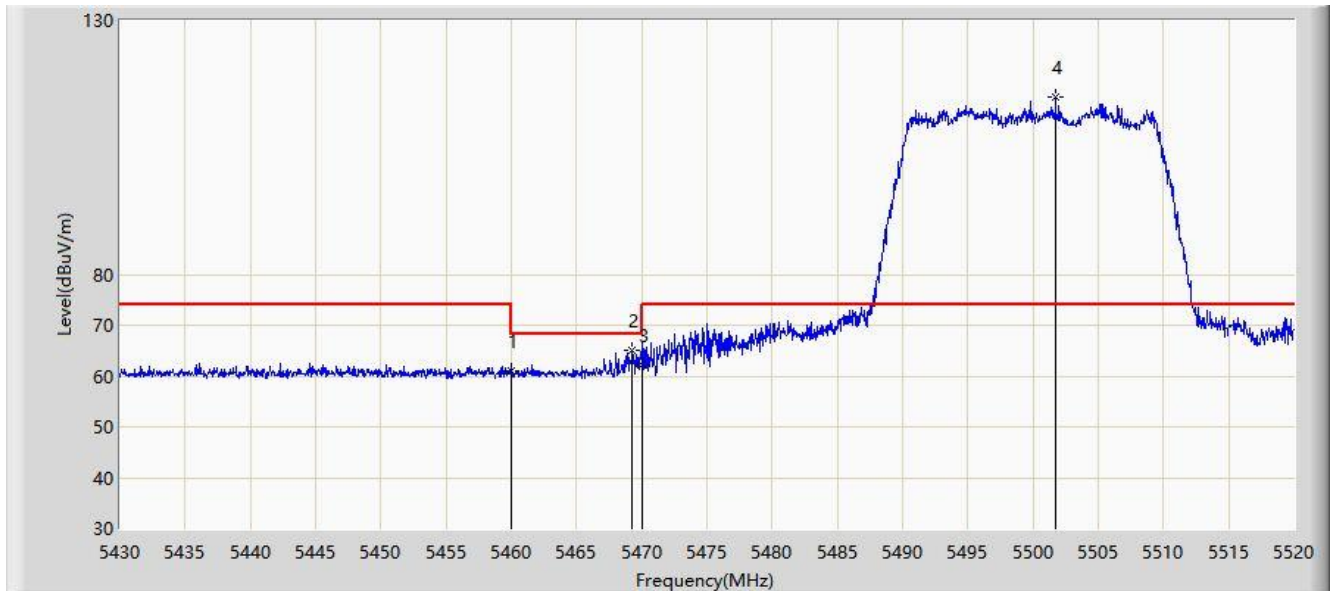


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5314.480	105.955	102.141	N/A	N/A	3.814	AV
2			5350.000	50.801	46.784	-3.199	54.000	4.017	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5500MHz	

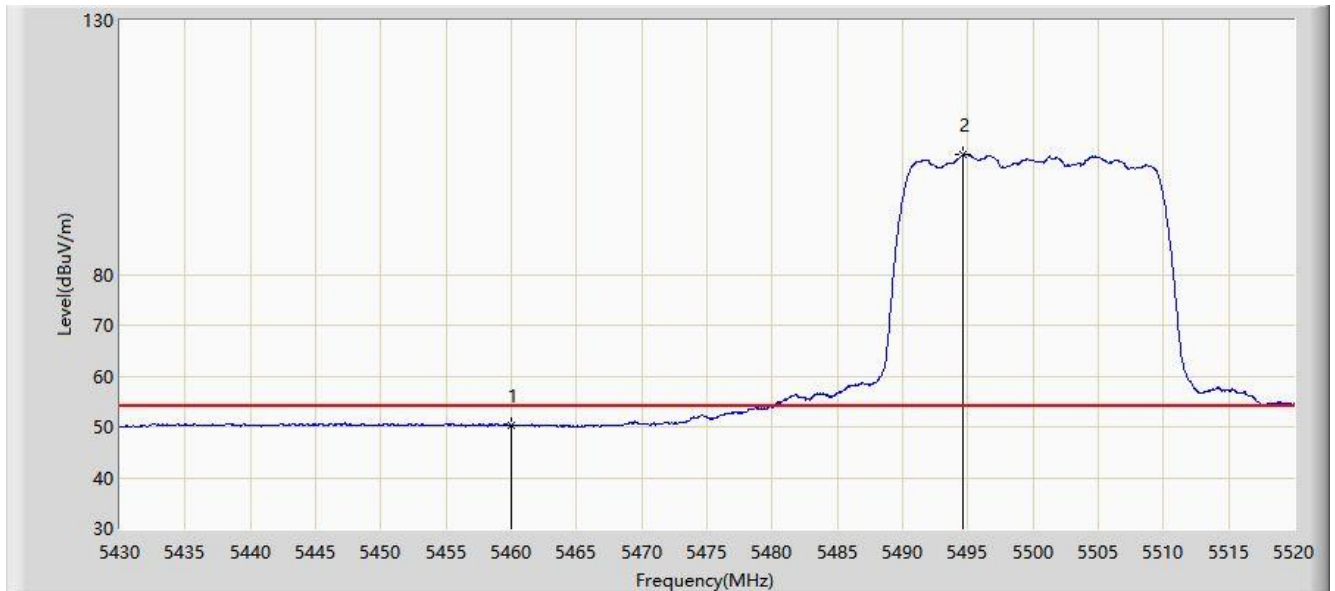


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	61.083	56.821	-12.917	74.000	4.261	PK
2			5469.240	65.116	60.907	-3.084	68.200	4.208	PK
3			5470.000	62.108	57.904	-6.092	68.200	4.204	PK
4		*	5501.730	114.853	110.452	N/A	N/A	4.401	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5500MHz	

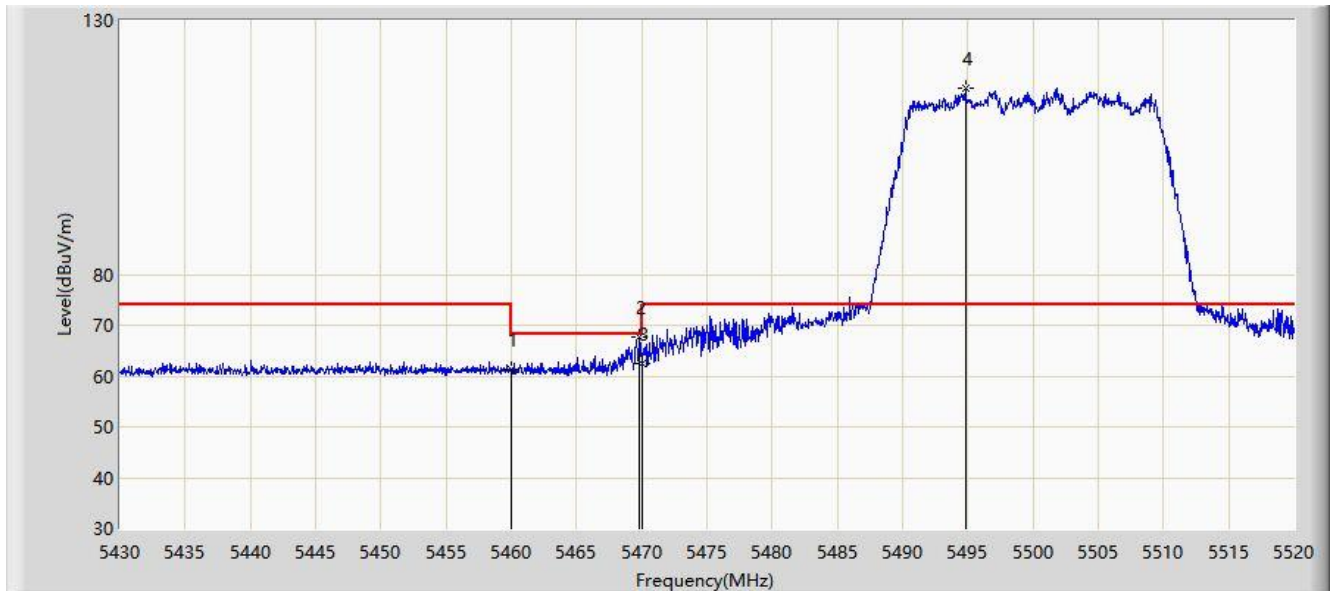


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	50.342	46.080	-3.658	54.000	4.261	AV
2		*	5494.665	103.515	99.220	N/A	N/A	4.295	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5500MHz	

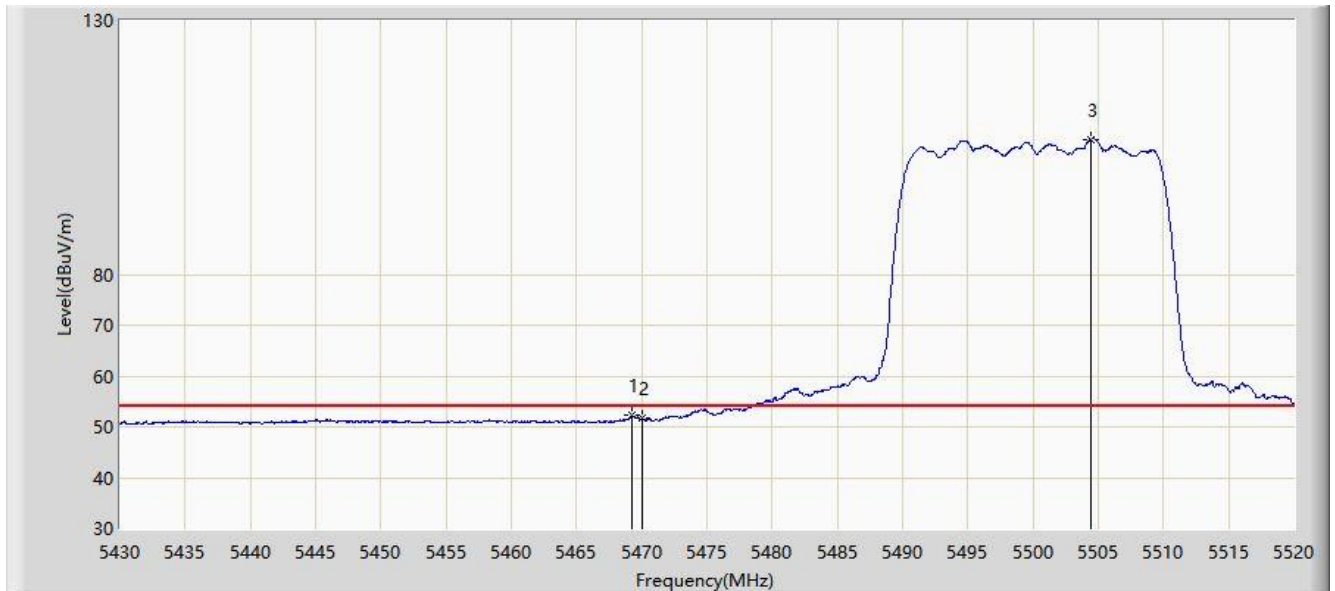


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	61.271	57.009	-12.729	74.000	4.261	PK
2			5469.780	67.615	63.409	-0.585	68.200	4.206	PK
3			5470.000	62.572	58.368	-5.628	68.200	4.204	PK
4		*	5494.800	116.719	112.422	N/A	N/A	4.297	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5500MHz	

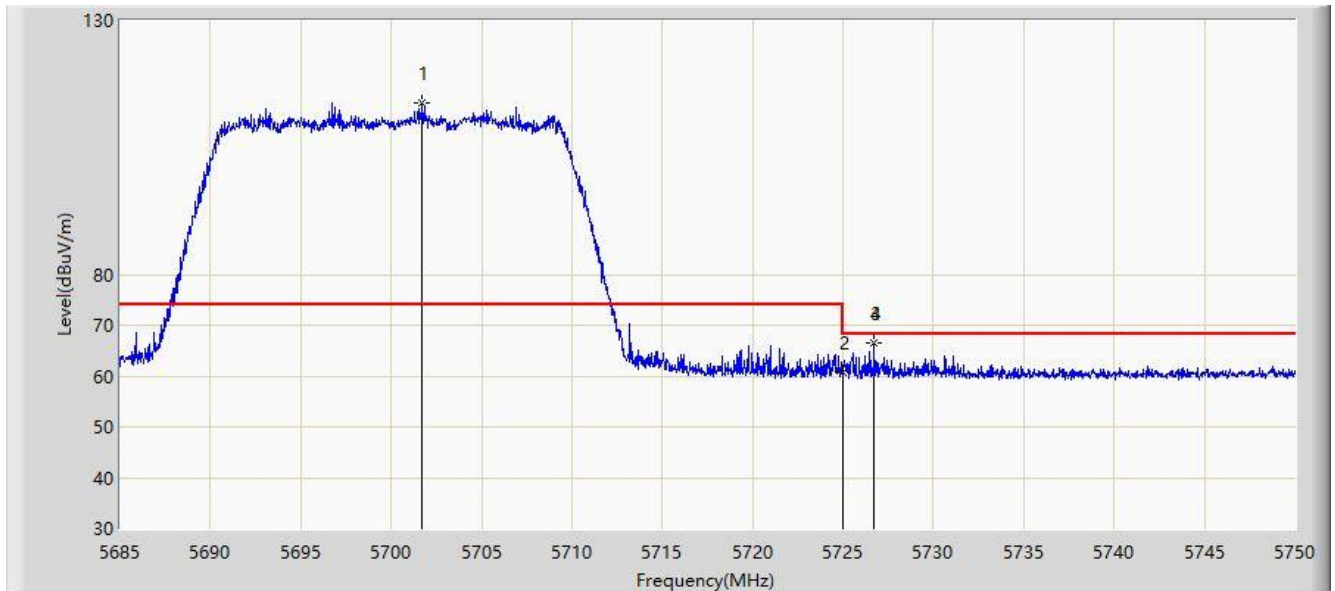


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5469.285	52.174	47.966	-1.826	54.000	4.208	AV
2			5470.000	51.629	47.425	-2.371	54.000	4.204	AV
3		*	5504.385	106.590	102.150	N/A	N/A	4.440	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5700MHz	

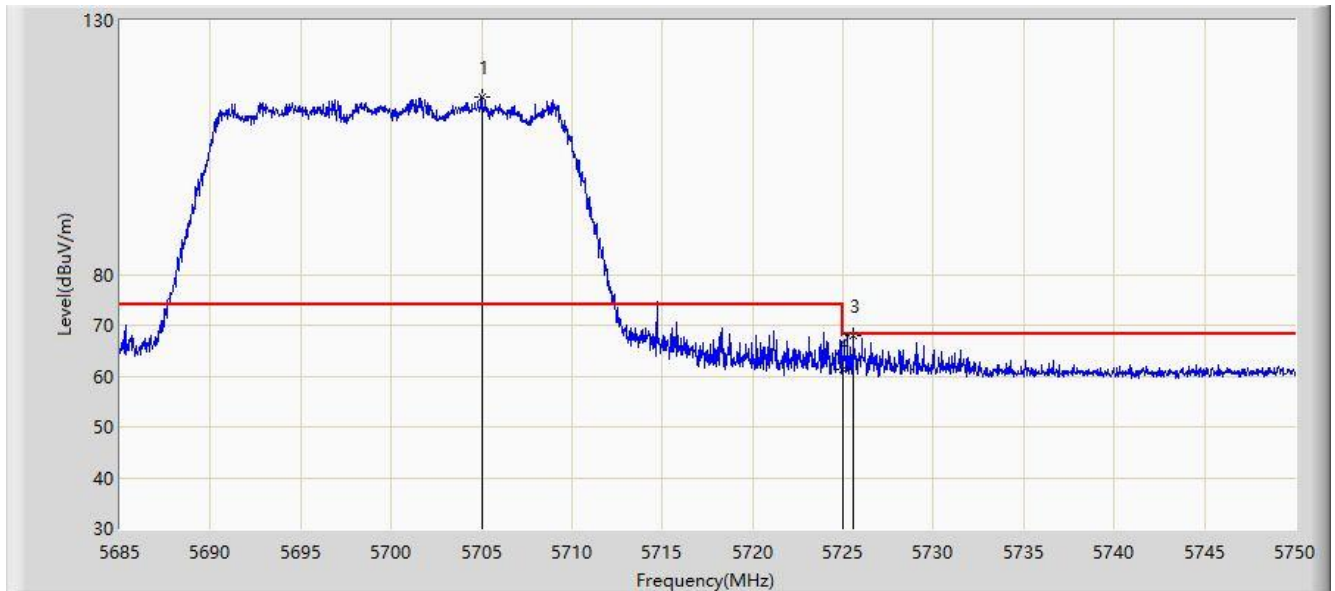


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5701.737	113.751	109.207	N/A	N/A	4.544	PK
2			5725.000	60.611	56.100	-7.589	68.200	4.511	PK
3			5726.730	66.471	61.956	-1.729	68.200	4.516	PK
4			5726.730	66.471	61.956	-1.729	68.200	4.516	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5700MHz	

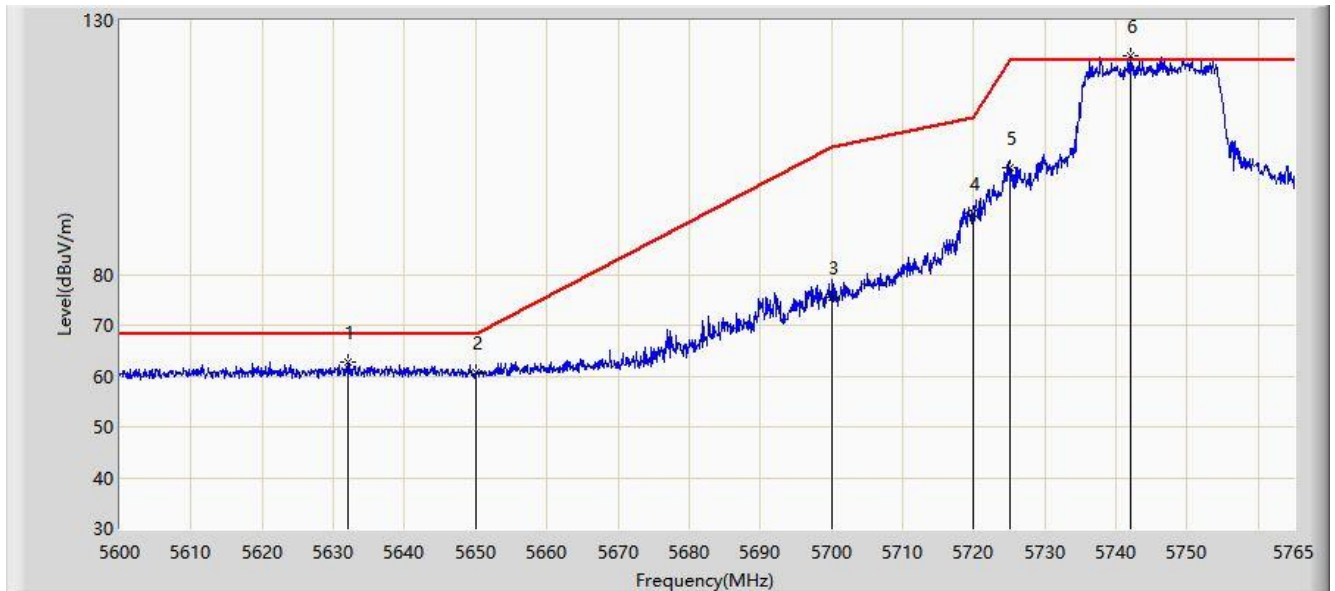


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.020	114.945	110.414	N/A	N/A	4.531	PK
2			5725.000	61.166	56.655	-7.034	68.200	4.511	PK
3			5725.527	67.897	63.387	-0.303	68.200	4.511	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz	

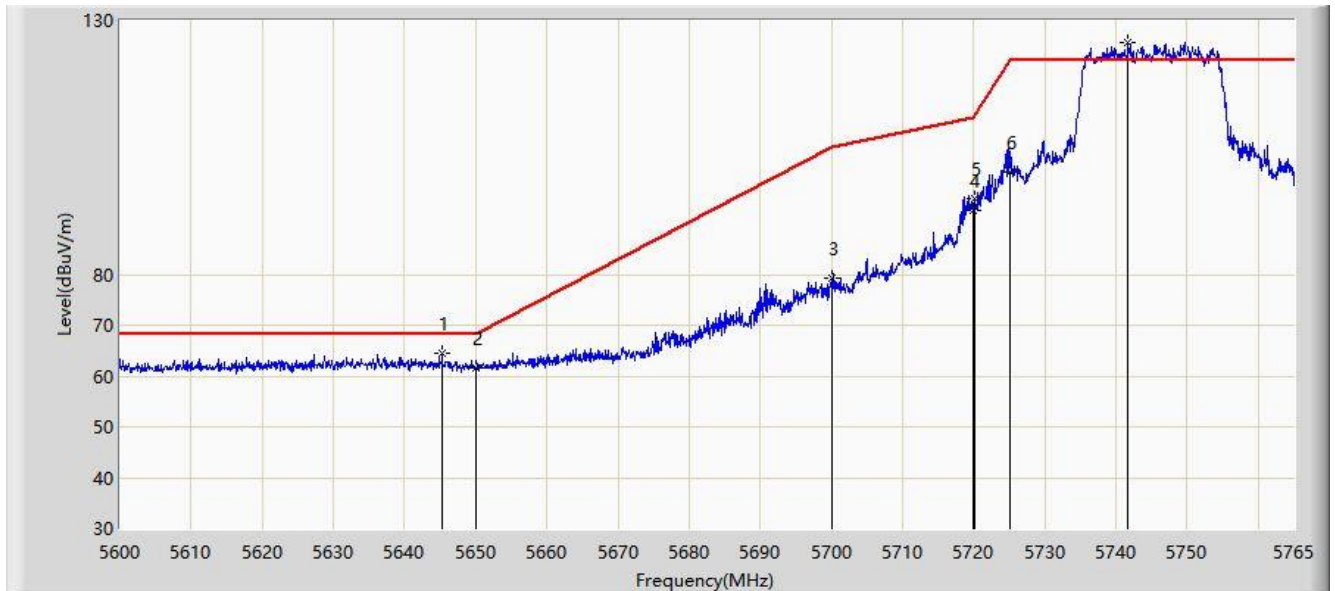


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5632.010	62.649	58.276	-5.551	68.200	4.373	PK
2			5650.000	60.787	56.454	-7.413	68.200	4.333	PK
3			5700.000	75.437	70.885	-29.763	105.200	4.551	PK
4			5720.000	91.927	87.414	-18.873	110.800	4.513	PK
5			5725.000	101.043	96.532	-21.157	122.200	4.511	PK
6		*	5741.982	123.091	118.588	N/A	N/A	4.502	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz	

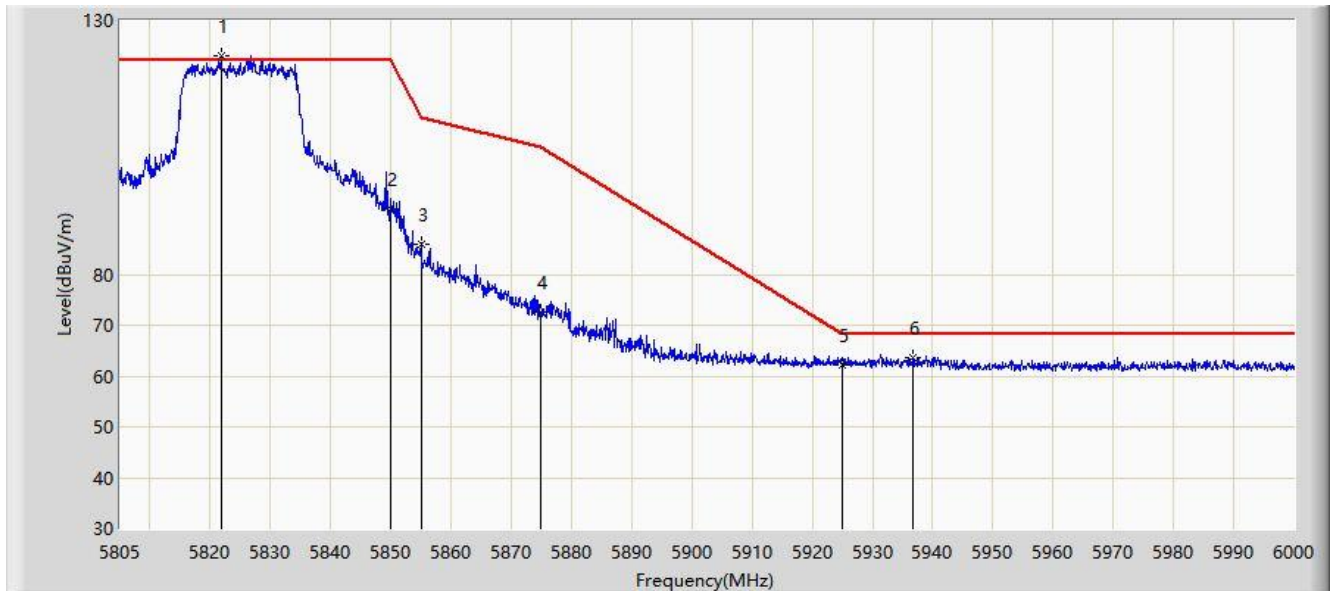


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5645.292	64.510	60.202	-3.690	68.200	4.307	PK
2			5650.000	61.568	57.235	-6.632	68.200	4.333	PK
3			5700.000	79.171	74.619	-26.029	105.200	4.551	PK
4			5720.000	92.555	88.042	-18.245	110.800	4.513	PK
5			5720.203	94.803	90.290	-16.460	111.263	4.512	PK
6			5725.000	100.160	95.649	-22.040	122.200	4.511	PK
7		*	5741.735	125.644	121.141	N/A	N/A	4.503	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz	

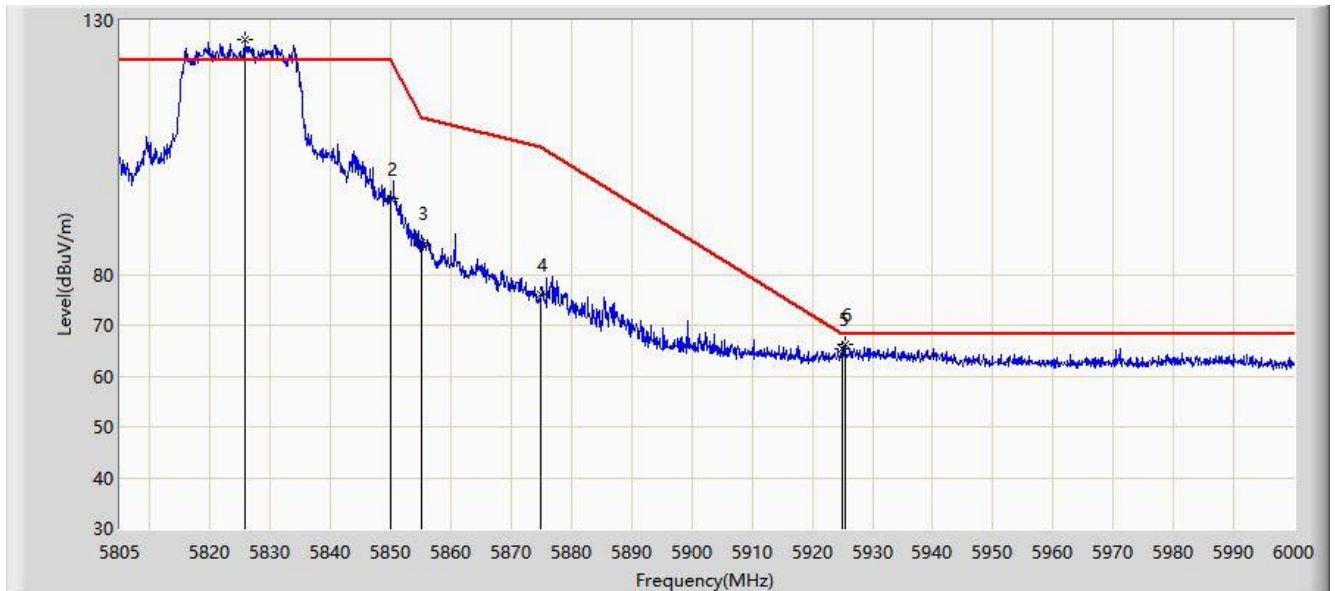


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.868	123.125	118.437	N/A	N/A	4.688	PK
2			5850.000	92.976	88.181	-29.224	122.200	4.795	PK
3			5855.000	85.901	81.105	-24.899	110.800	4.796	PK
4			5875.000	72.517	67.727	-32.683	105.200	4.790	PK
5			5925.000	62.301	57.238	-5.899	68.200	5.063	PK
6			5936.625	63.700	58.725	-4.500	68.200	4.975	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 01:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz	

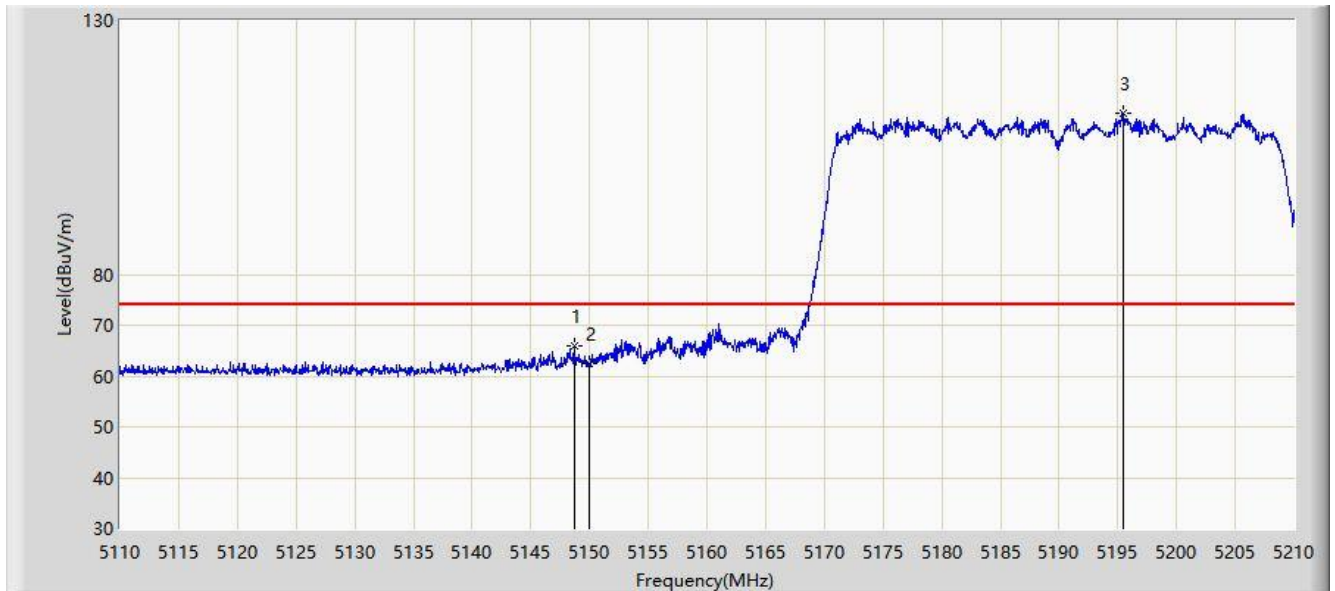


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5825.670	126.260	121.552	N/A	N/A	4.707	PK
2			5850.000	94.897	90.102	-27.303	122.200	4.795	PK
3			5855.000	86.212	81.416	-24.588	110.800	4.796	PK
4			5875.000	76.102	71.312	-29.098	105.200	4.790	PK
5			5925.000	65.329	60.266	-2.871	68.200	5.063	PK
6			5925.413	66.231	61.169	-1.969	68.200	5.063	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	

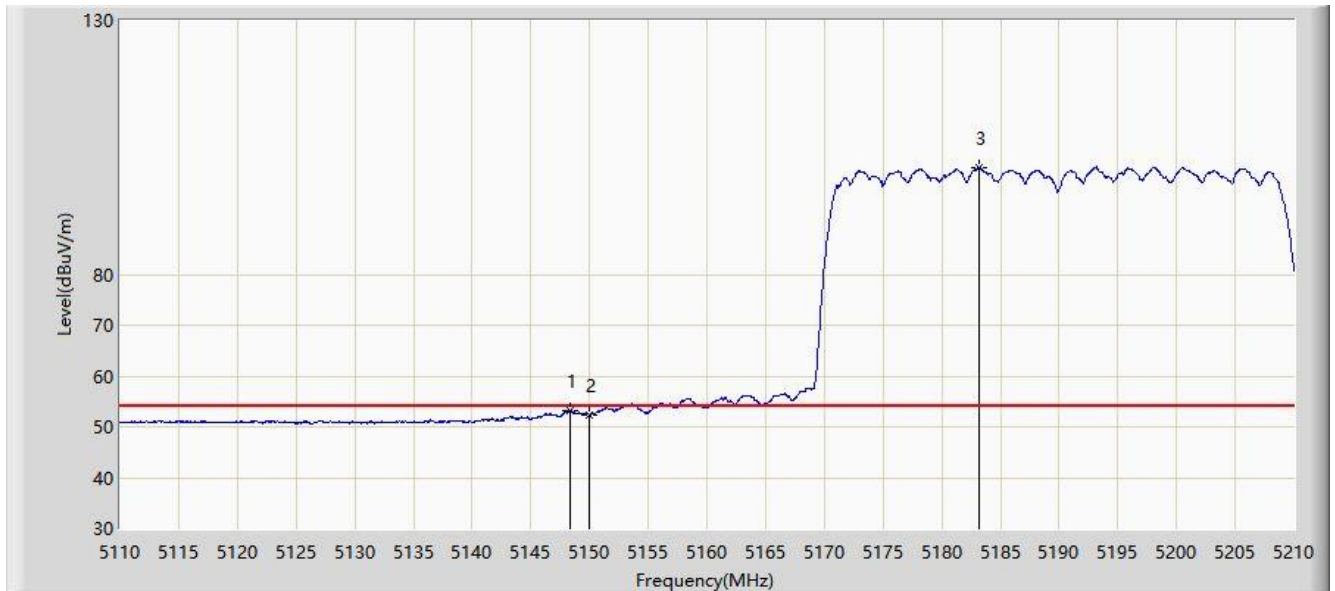


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5148.700	66.078	62.054	-7.922	74.000	4.023	PK
2			5150.000	62.489	58.460	-11.511	74.000	4.029	PK
3		*	5195.500	111.861	107.810	N/A	N/A	4.052	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	

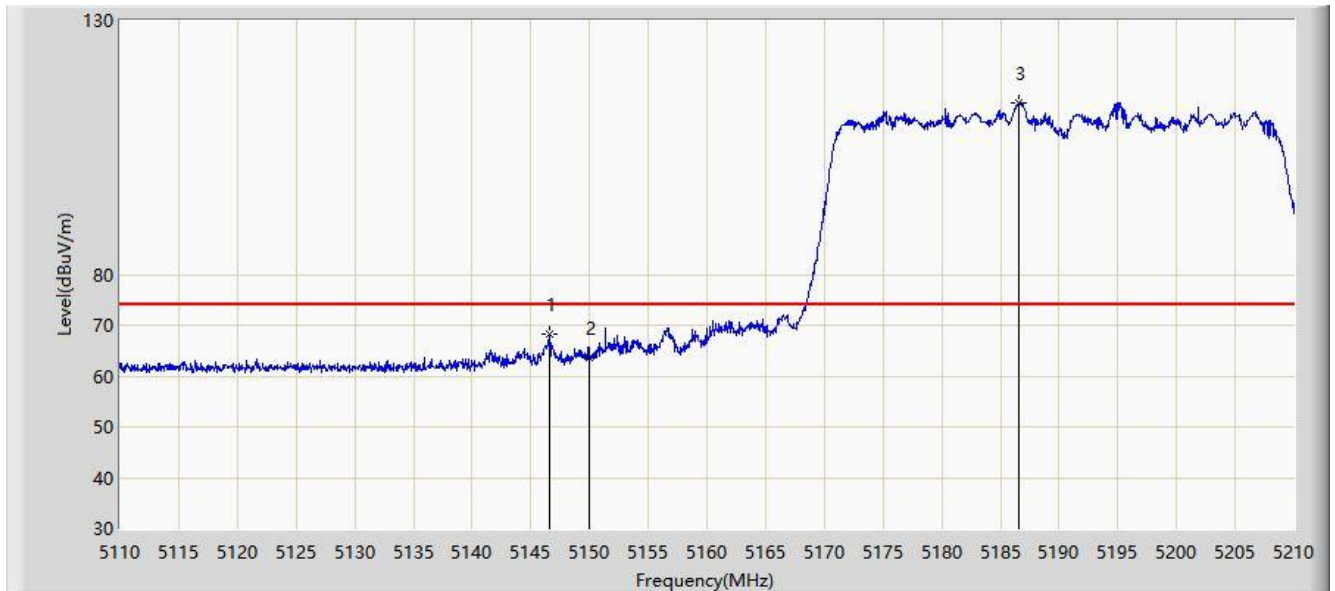


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5148.400	53.274	49.252	-0.726	54.000	4.023	AV
2			5150.000	52.287	48.258	-1.713	54.000	4.029	AV
3		*	5183.150	100.990	96.911	N/A	N/A	4.079	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	

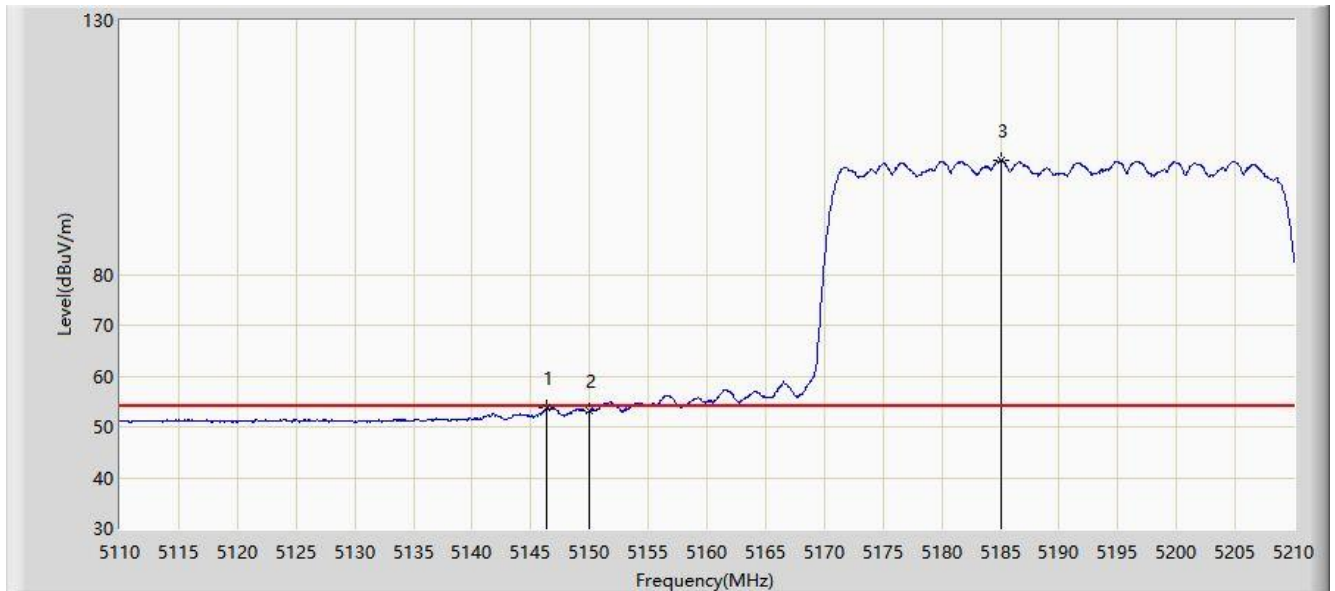


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5146.550	68.182	64.157	-5.818	74.000	4.025	PK
2			5150.000	63.649	59.620	-10.351	74.000	4.029	PK
3		*	5186.600	113.755	109.711	N/A	N/A	4.044	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	

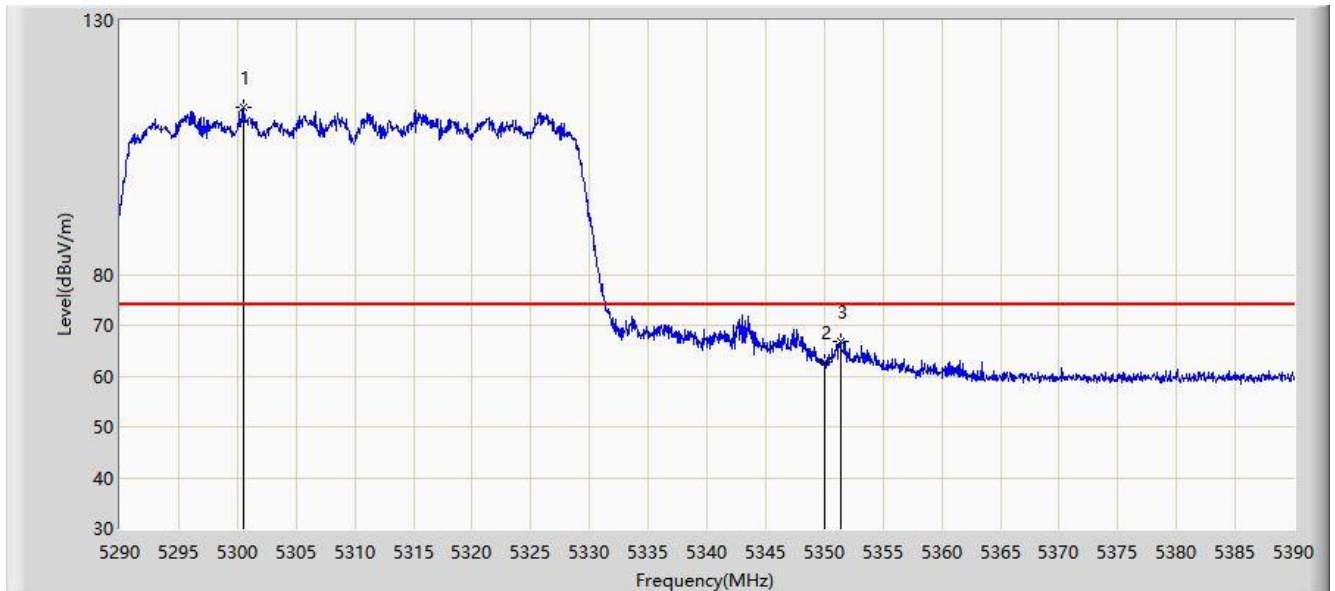


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5146.300	53.730	49.704	-0.270	54.000	4.026	AV
2			5150.000	53.158	49.129	-0.842	54.000	4.029	AV
3		*	5185.050	102.523	98.463	N/A	N/A	4.061	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5310MHz	

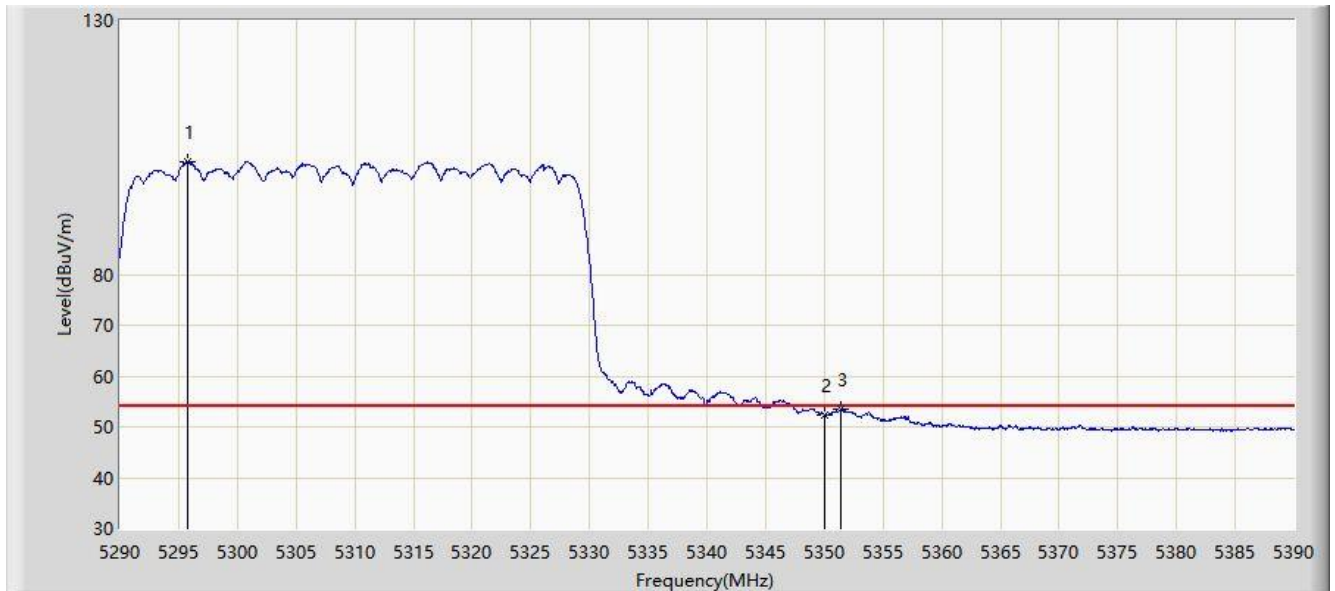


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5300.550	112.921	109.164	N/A	N/A	3.757	PK
2			5350.000	62.881	58.864	-11.119	74.000	4.017	PK
3			5351.350	66.825	62.800	-7.175	74.000	4.025	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5310MHz	

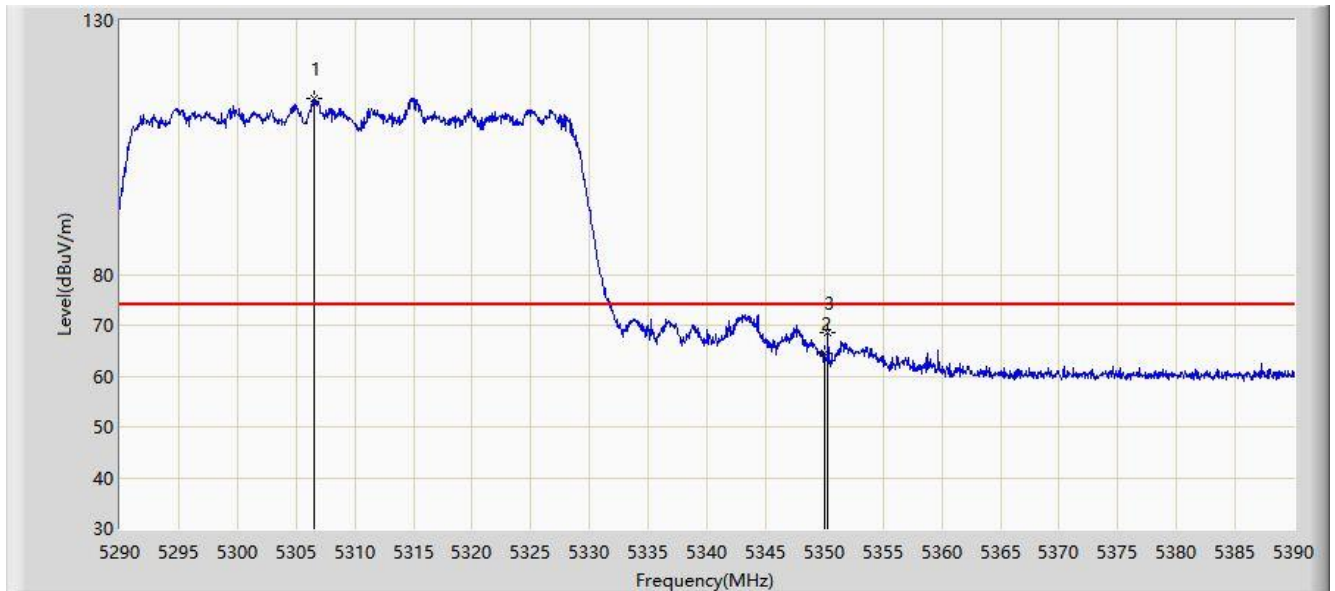


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5295.750	102.269	98.517	N/A	N/A	3.752	AV
2			5350.000	52.296	48.279	-1.704	54.000	4.017	AV
3			5351.450	53.527	49.501	-0.473	54.000	4.026	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5310MHz	

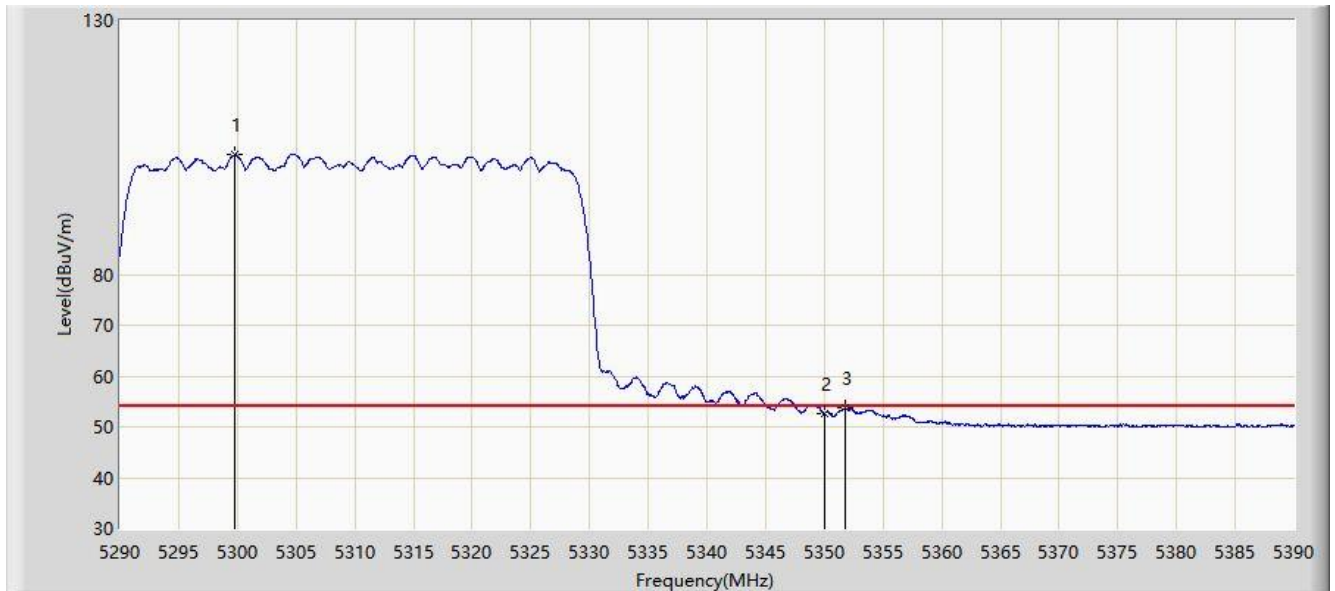


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5306.550	114.629	110.845	N/A	N/A	3.784	PK
2			5350.000	64.389	60.372	-9.611	74.000	4.017	PK
3			5350.300	68.446	64.427	-5.554	74.000	4.020	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5310MHz	

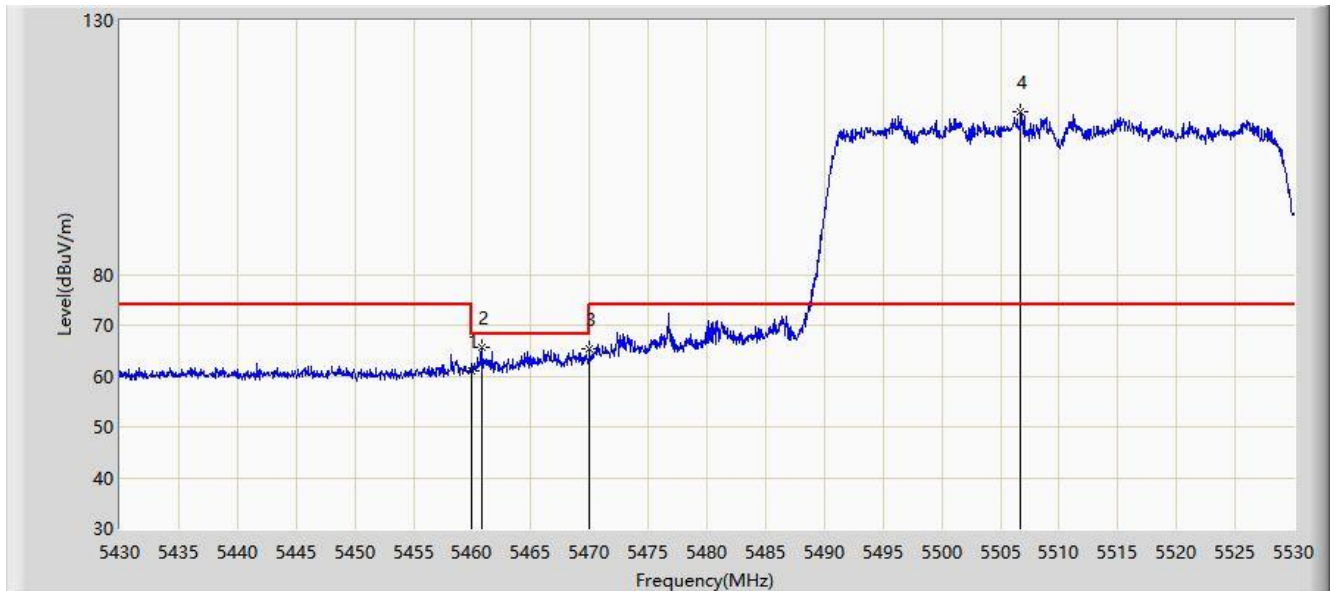


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5299.800	103.540	99.784	N/A	N/A	3.756	AV
2			5350.000	52.703	48.686	-1.297	54.000	4.017	AV
3			5351.800	53.759	49.731	-0.241	54.000	4.028	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

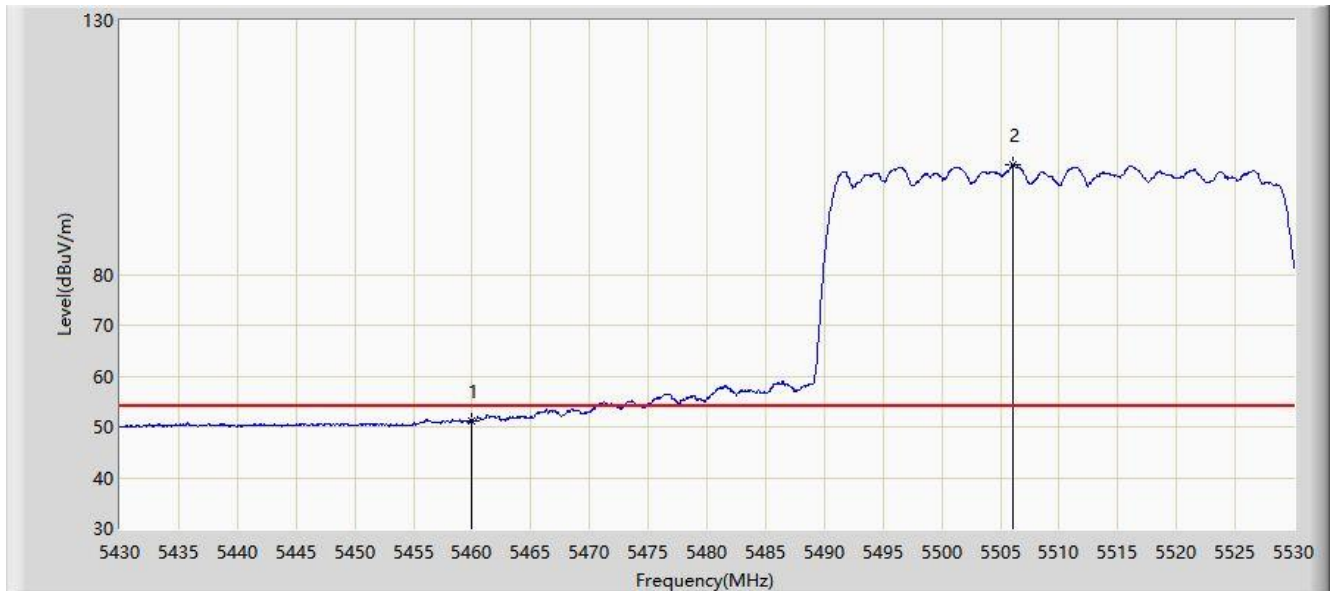


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	61.000	56.738	-13.000	74.000	4.261	PK
2			5460.800	65.653	61.396	-2.547	68.200	4.256	PK
3			5470.000	65.233	61.029	-2.967	68.200	4.204	PK
4		*	5506.700	111.943	107.482	N/A	N/A	4.461	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

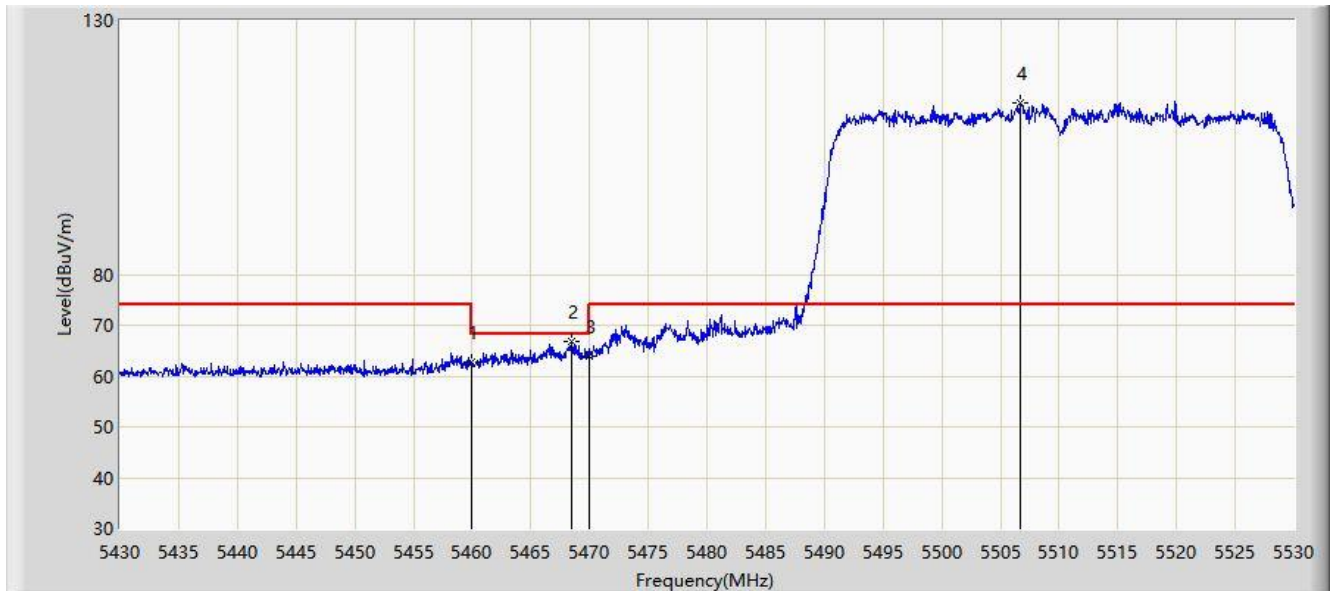


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.277	47.015	-2.723	54.000	4.261	AV
2		*	5506.100	101.634	97.177	N/A	N/A	4.457	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

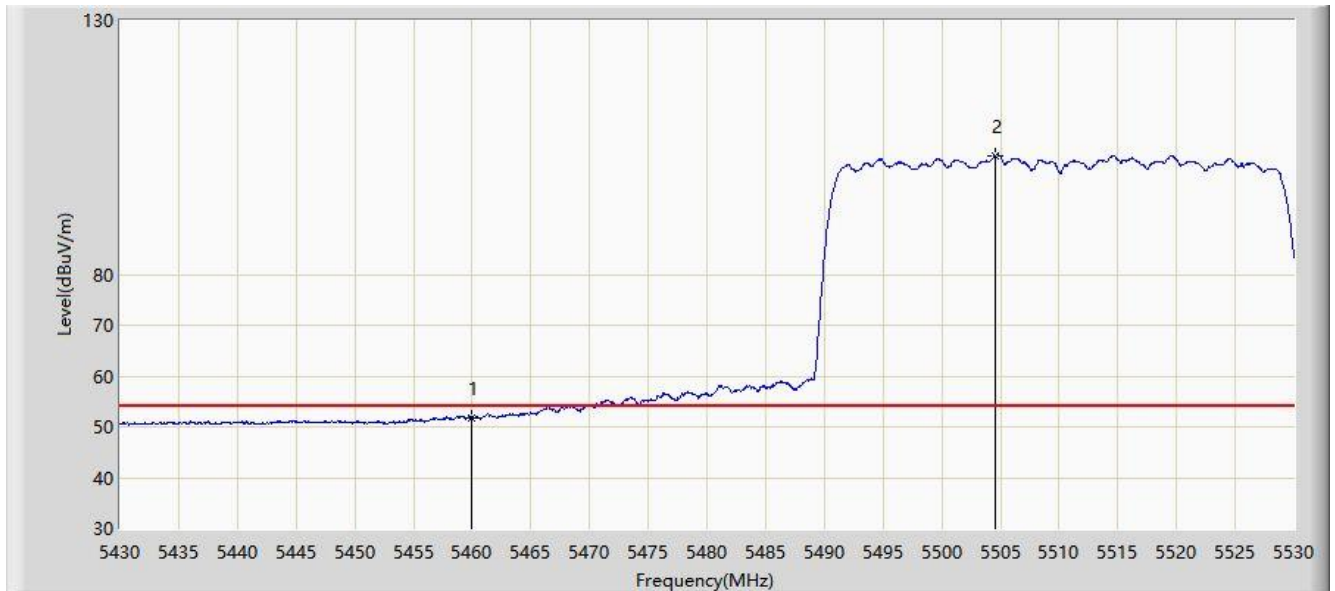


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	62.746	58.484	-11.254	74.000	4.261	PK
2			5468.500	66.862	62.649	-1.338	68.200	4.213	PK
3			5470.000	63.951	59.747	-4.249	68.200	4.204	PK
4		*	5506.700	113.786	109.325	N/A	N/A	4.461	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

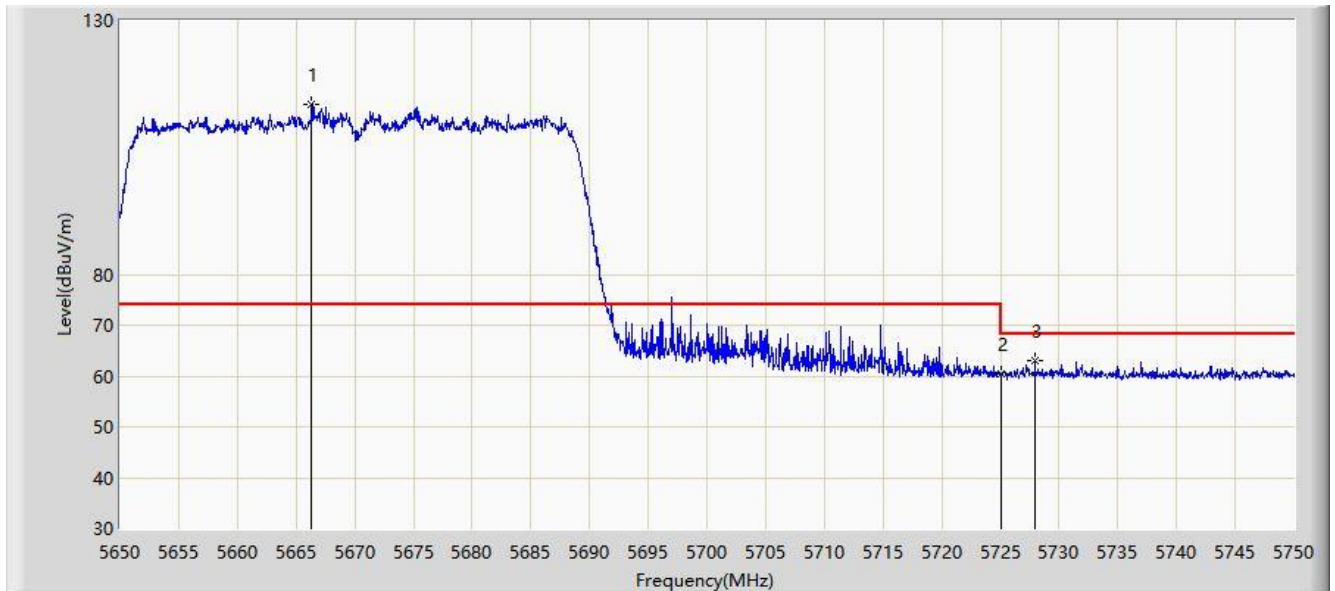


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	51.762	47.500	-2.238	54.000	4.261	AV
2		*	5504.600	103.469	99.025	N/A	N/A	4.444	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

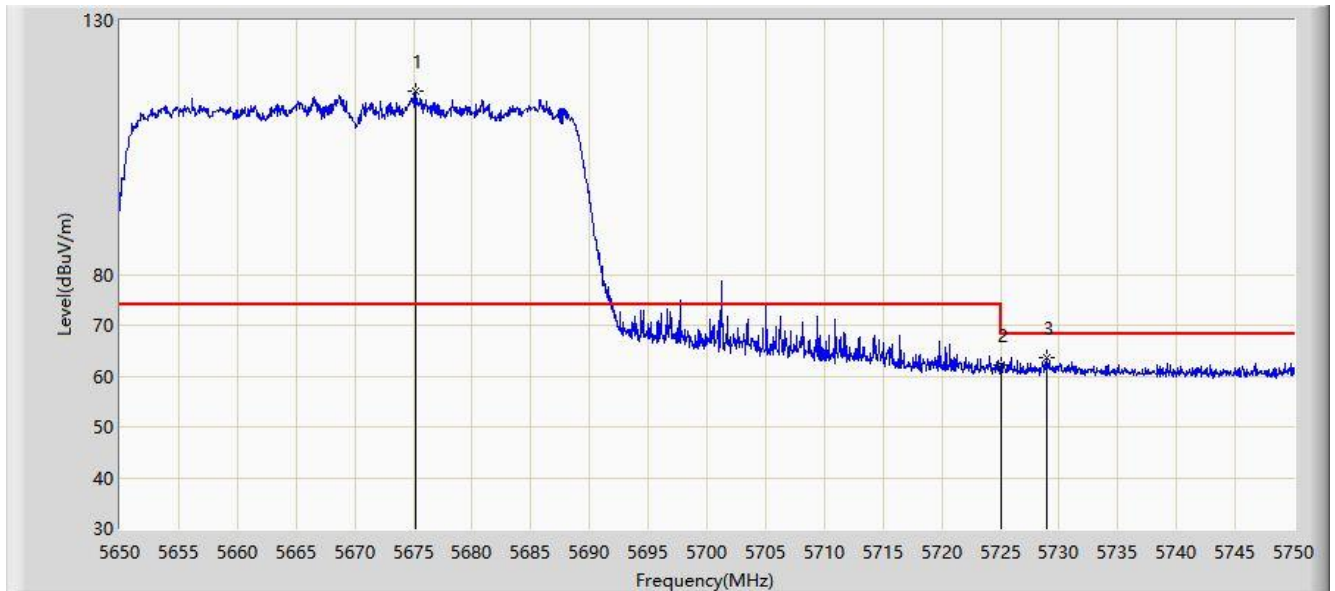


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5666.350	113.440	108.916	N/A	N/A	4.525	PK
2			5725.000	60.340	55.829	-7.860	68.200	4.511	PK
3			5727.950	63.077	58.563	-5.123	68.200	4.514	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 21:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

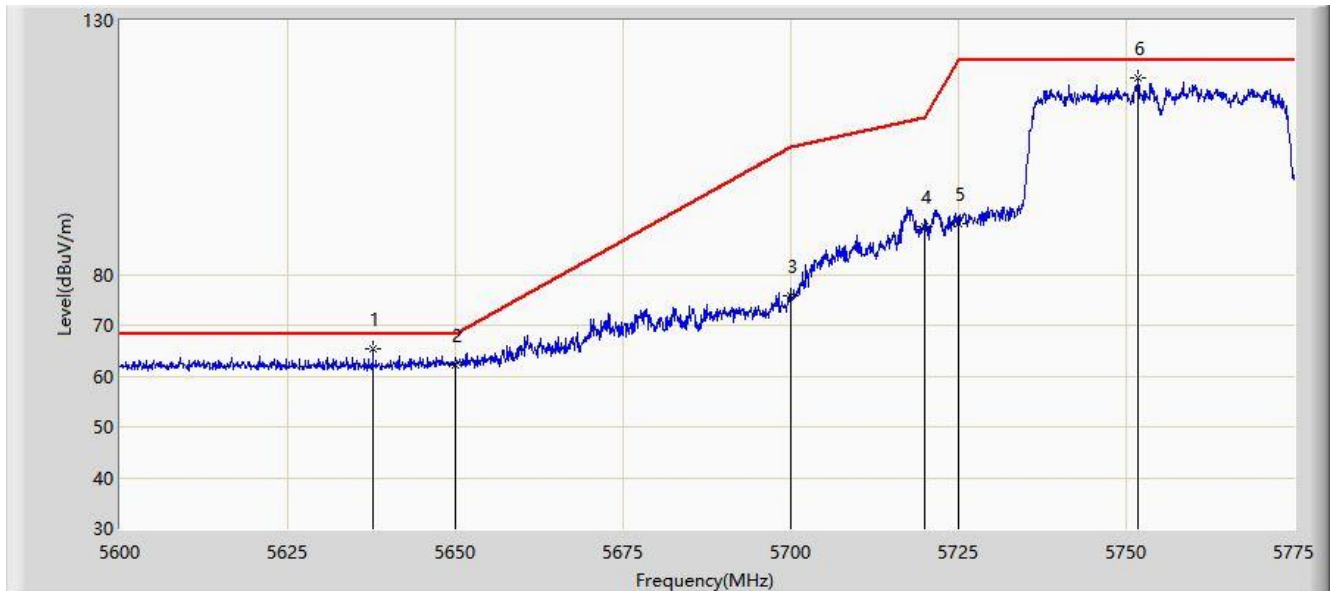


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5675.150	115.964	111.333	N/A	N/A	4.630	PK
2			5725.000	62.196	57.685	-6.004	68.200	4.511	PK
3			5729.000	63.702	59.188	-4.498	68.200	4.514	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 19:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz	

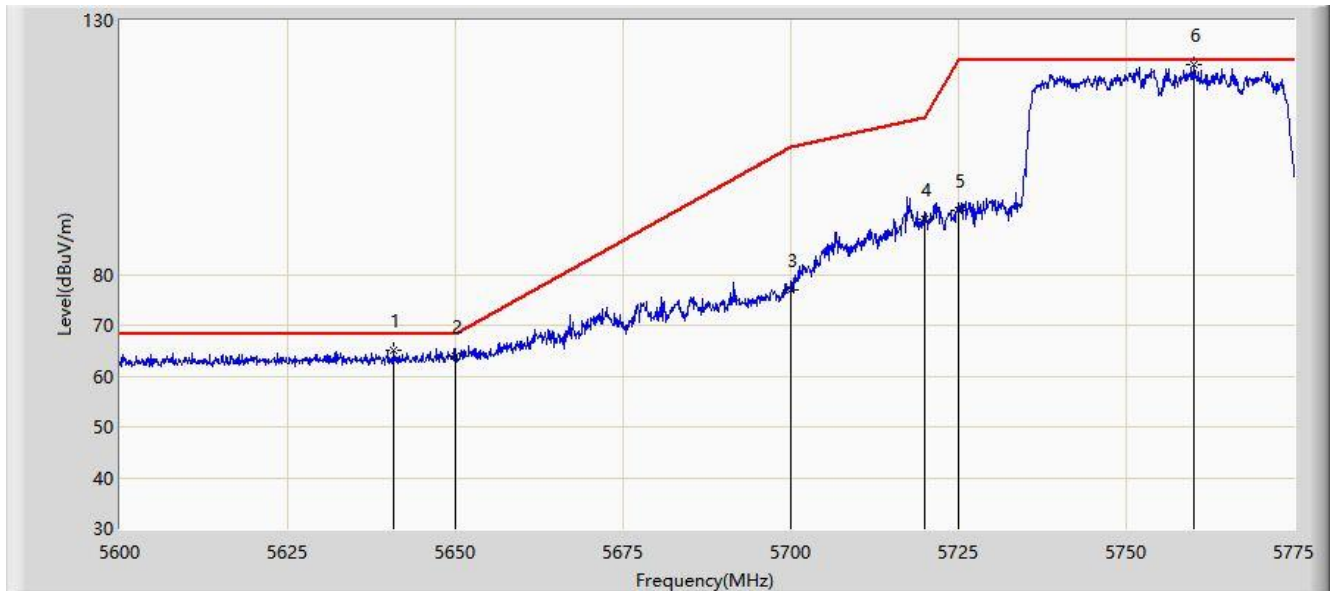


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5637.712	65.251	60.951	-2.949	68.200	4.300	PK
2			5650.000	62.042	57.709	-6.158	68.200	4.333	PK
3			5700.000	75.839	71.287	-29.361	105.200	4.551	PK
4			5720.000	89.374	84.861	-21.426	110.800	4.513	PK
5			5725.000	90.078	85.567	-32.122	122.200	4.511	PK
6			5751.812	118.808	114.223	N/A	N/A	4.584	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 19:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz	

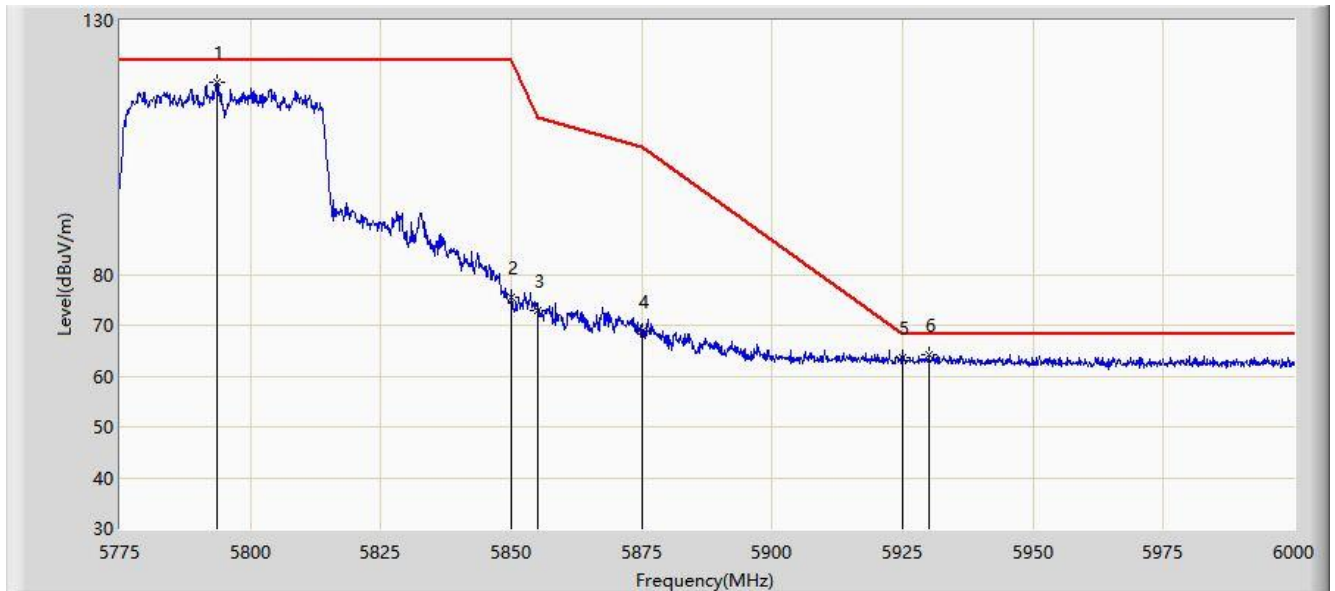


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.687	65.182	60.896	-3.018	68.200	4.286	PK
2			5650.000	63.873	59.540	-4.327	68.200	4.333	PK
3			5700.000	76.907	72.355	-28.293	105.200	4.551	PK
4			5720.000	90.773	86.260	-20.027	110.800	4.513	PK
5			5725.000	92.514	88.003	-29.686	122.200	4.511	PK
6		*	5760.125	121.188	116.514	N/A	N/A	4.674	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 19:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz	

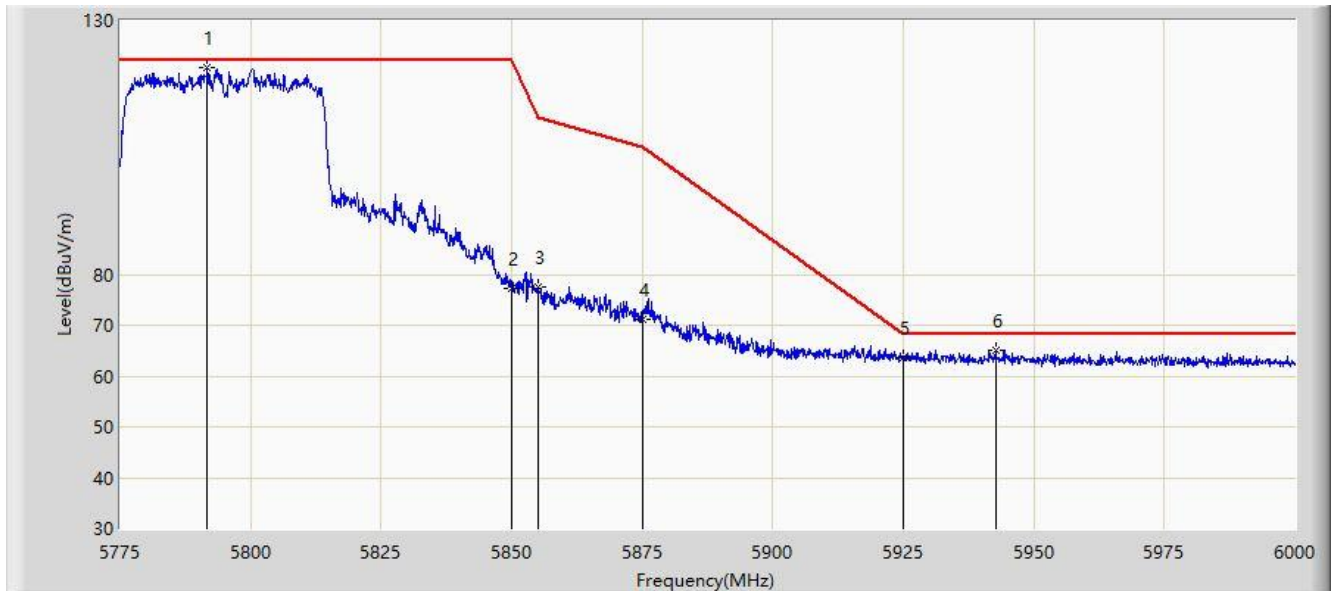


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5793.675	117.899	113.289	N/A	N/A	4.609	PK
2			5850.000	75.480	70.685	-46.720	122.200	4.795	PK
3			5855.000	72.813	68.017	-37.987	110.800	4.796	PK
4			5875.000	68.952	64.162	-36.248	105.200	4.790	PK
5			5925.000	63.694	58.631	-4.506	68.200	5.063	PK
6		*	5930.025	64.218	59.162	-3.982	68.200	5.056	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 19:56
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz	

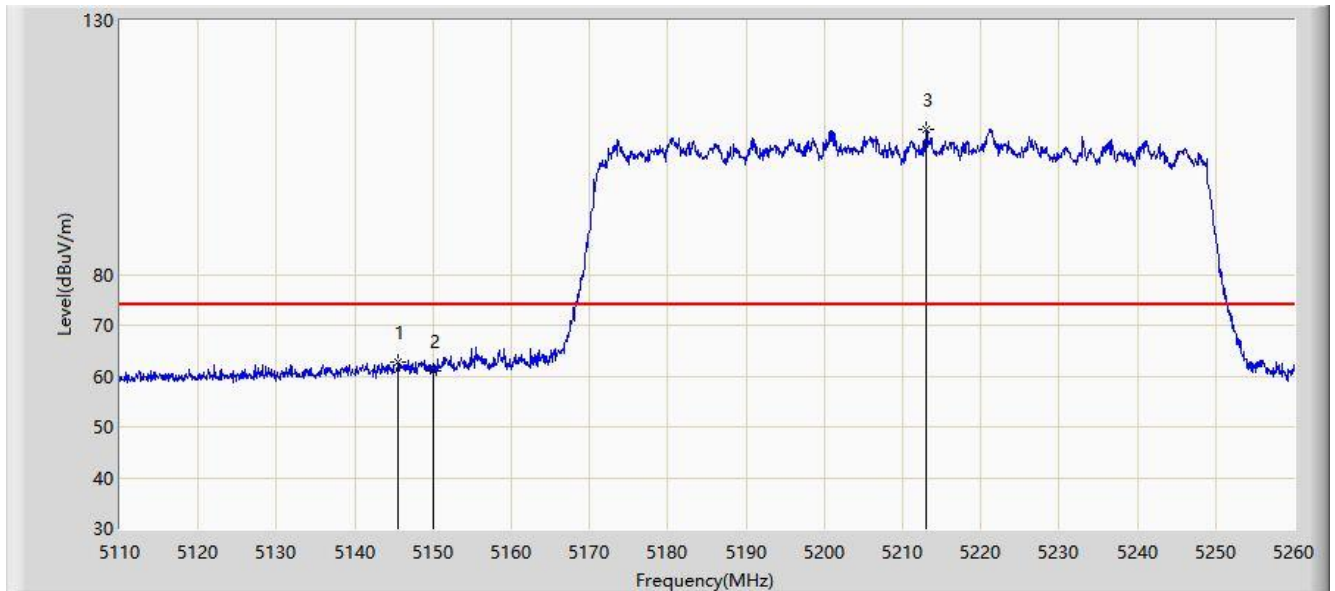


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5791.763	120.847	116.217	N/A	N/A	4.630	PK
2			5850.000	77.373	72.578	-44.827	122.200	4.795	PK
3			5855.000	77.434	72.638	-33.366	110.800	4.796	PK
4			5875.000	71.084	66.294	-34.116	105.200	4.790	PK
5			5925.000	63.764	58.701	-4.436	68.200	5.063	PK
6			5942.737	65.041	60.138	-3.159	68.200	4.904	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	

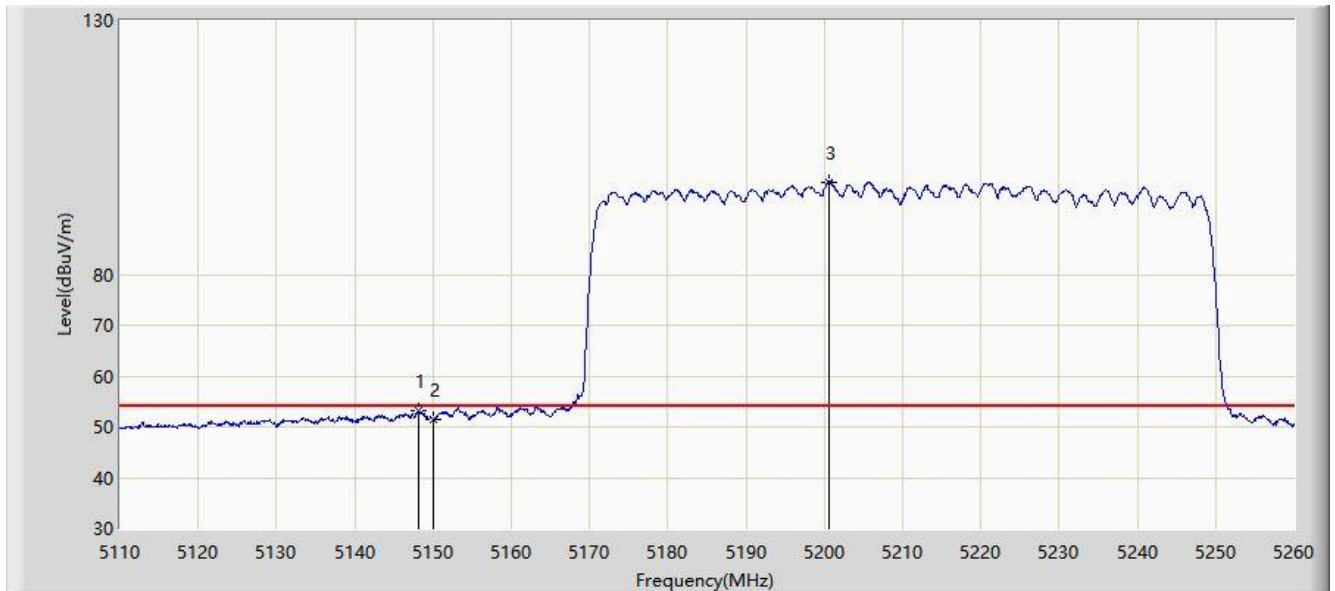


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5145.550	62.879	58.851	-11.121	74.000	4.028	PK
2			5150.000	60.947	56.918	-13.053	74.000	4.029	PK
3		*	5213.050	108.620	104.612	N/A	N/A	4.007	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	

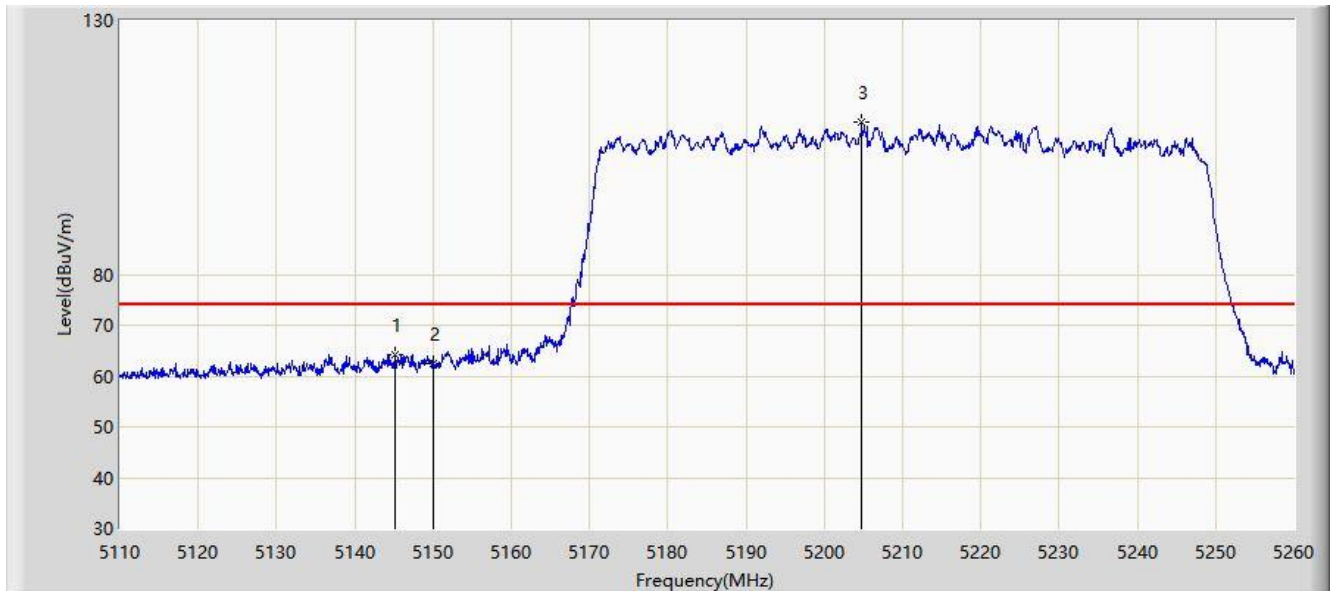


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5148.250	53.133	49.111	-0.867	54.000	4.022	AV
2			5150.000	51.511	47.482	-2.489	54.000	4.029	AV
3		*	5200.525	98.206	94.153	N/A	N/A	4.053	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	

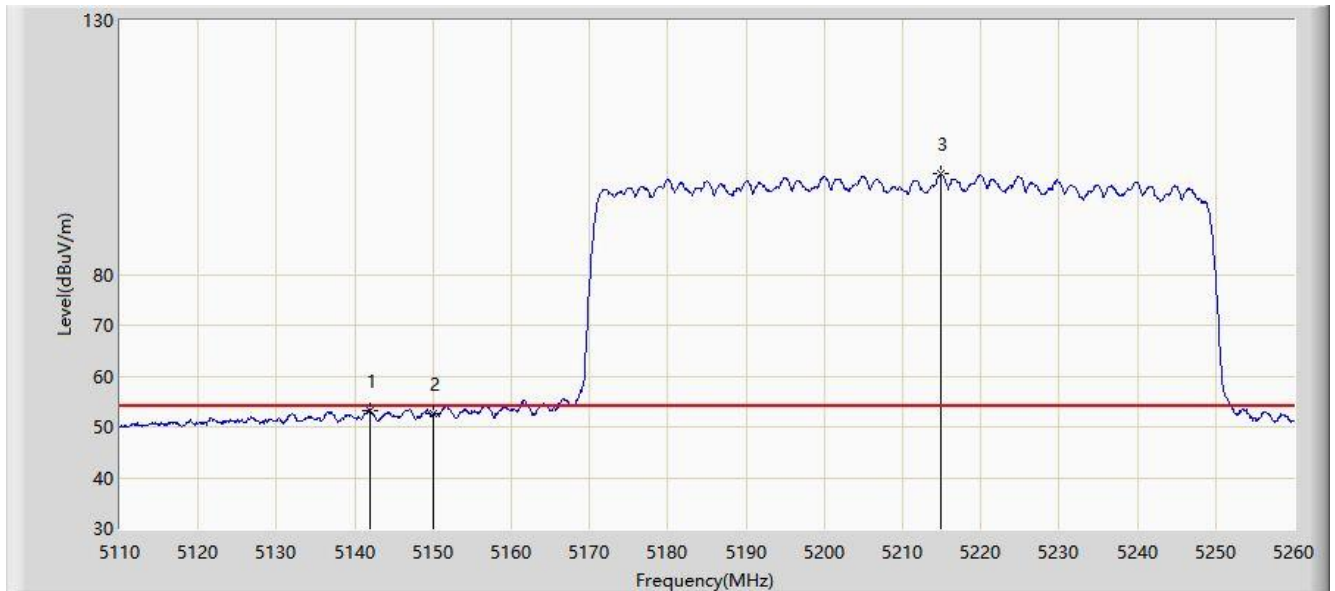


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.175	64.343	60.314	-9.657	74.000	4.029	PK
2			5150.000	62.607	58.578	-11.393	74.000	4.029	PK
3		*	5204.725	109.928	105.890	N/A	N/A	4.038	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	

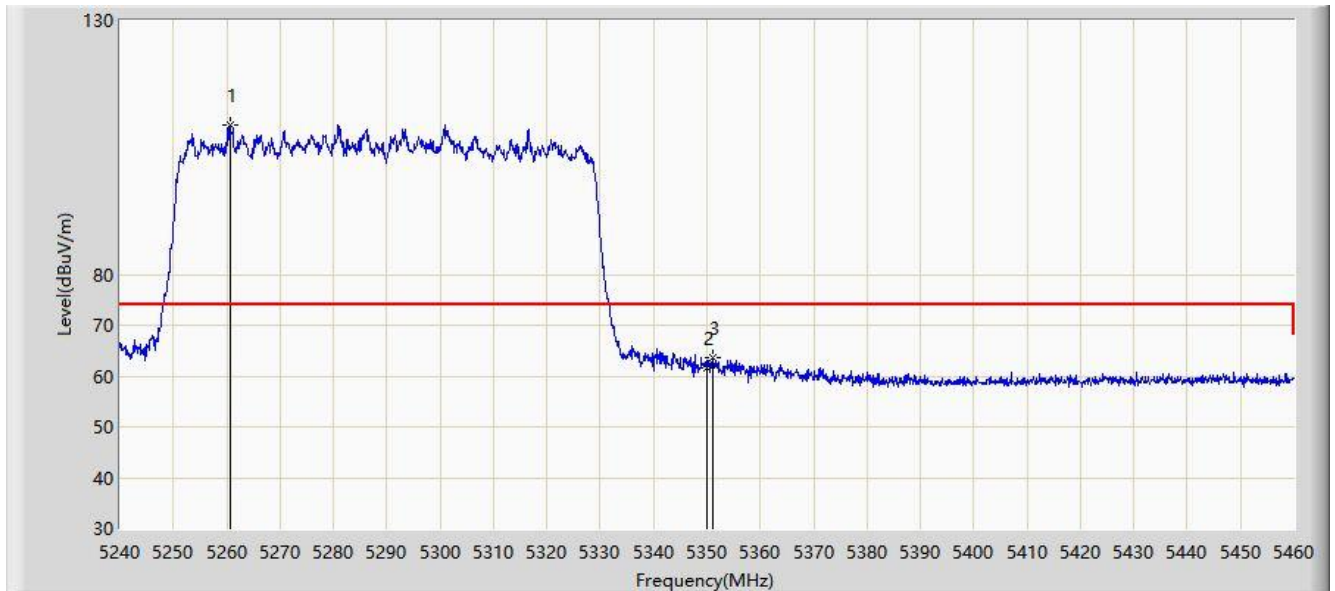


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5141.950	53.322	49.283	-0.678	54.000	4.038	AV
2			5150.000	52.526	48.497	-1.474	54.000	4.029	AV
3		*	5214.850	99.724	95.723	N/A	N/A	4.001	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

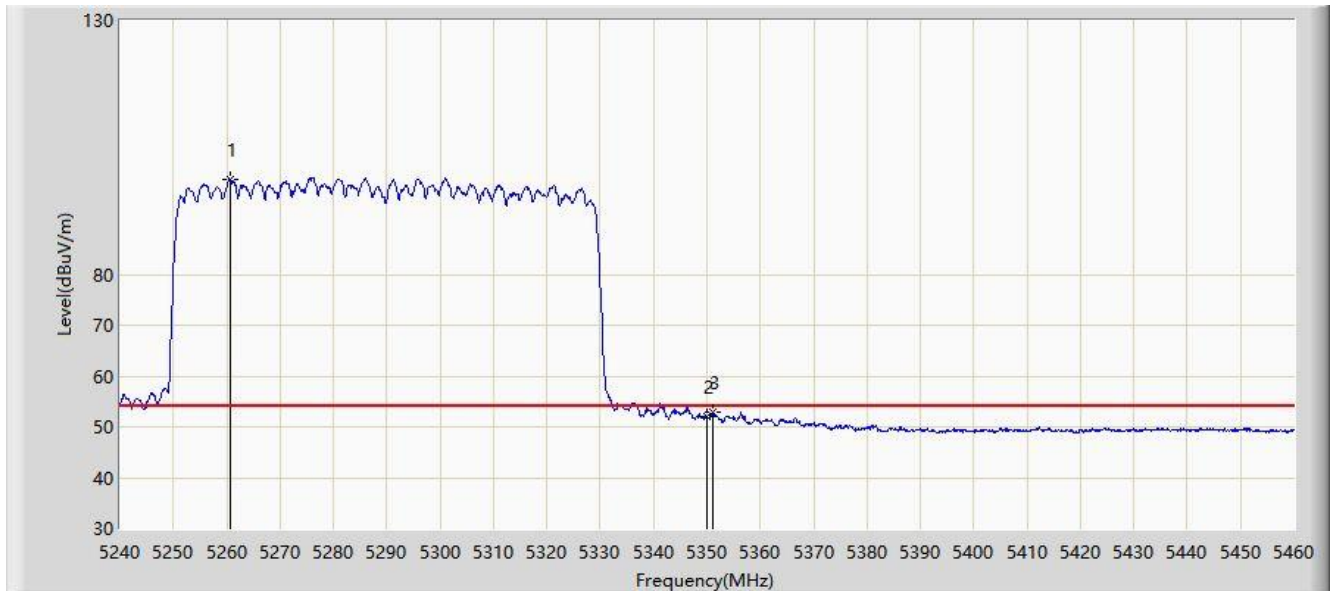


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5260.570	109.421	105.455	N/A	N/A	3.966	PK
2			5350.000	61.453	57.436	-12.547	74.000	4.017	PK
3			5350.990	63.660	59.637	-10.340	74.000	4.024	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

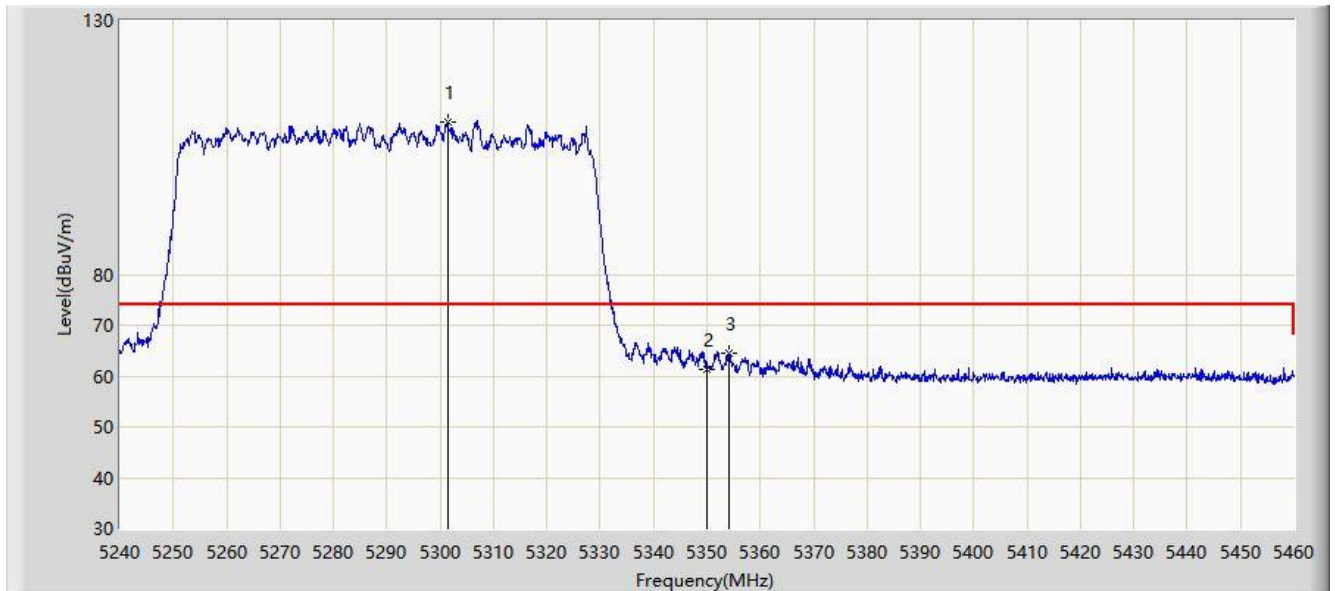


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5260.570	98.817	94.851	N/A	N/A	3.966	AV
2			5350.000	52.049	48.032	-1.951	54.000	4.017	AV
3			5351.100	52.801	48.777	-1.199	54.000	4.024	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

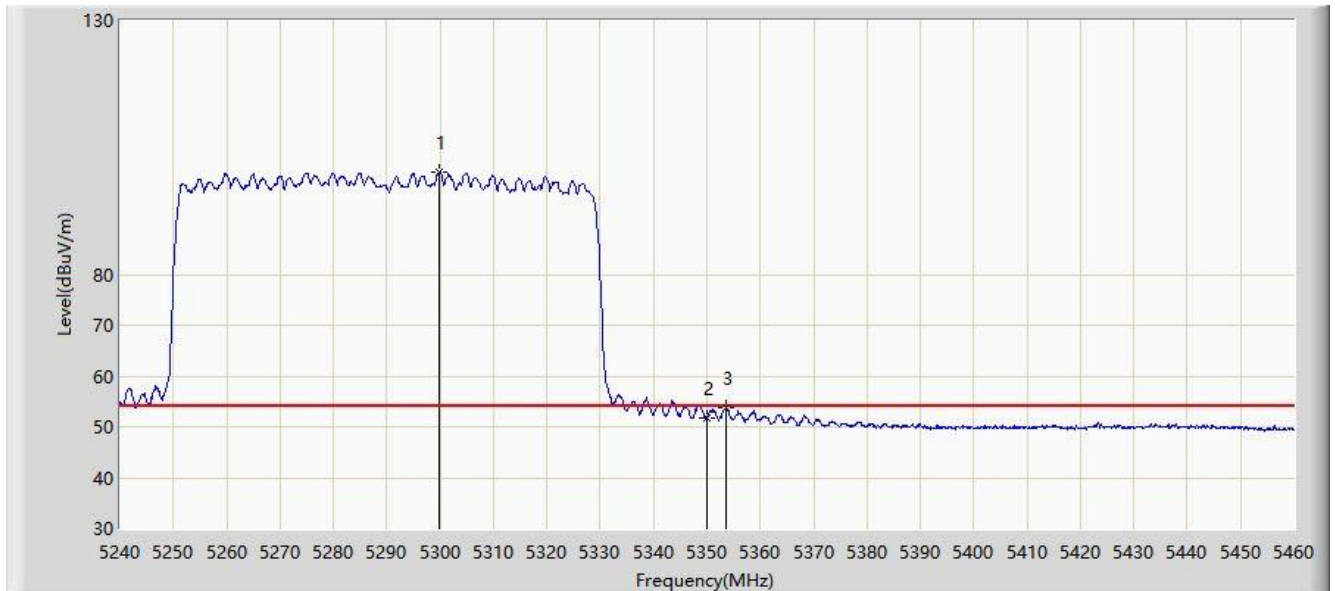


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.490	109.996	106.237	N/A	N/A	3.759	PK
2			5350.000	61.420	57.403	-12.580	74.000	4.017	PK
3			5354.180	64.592	60.566	-9.408	74.000	4.025	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

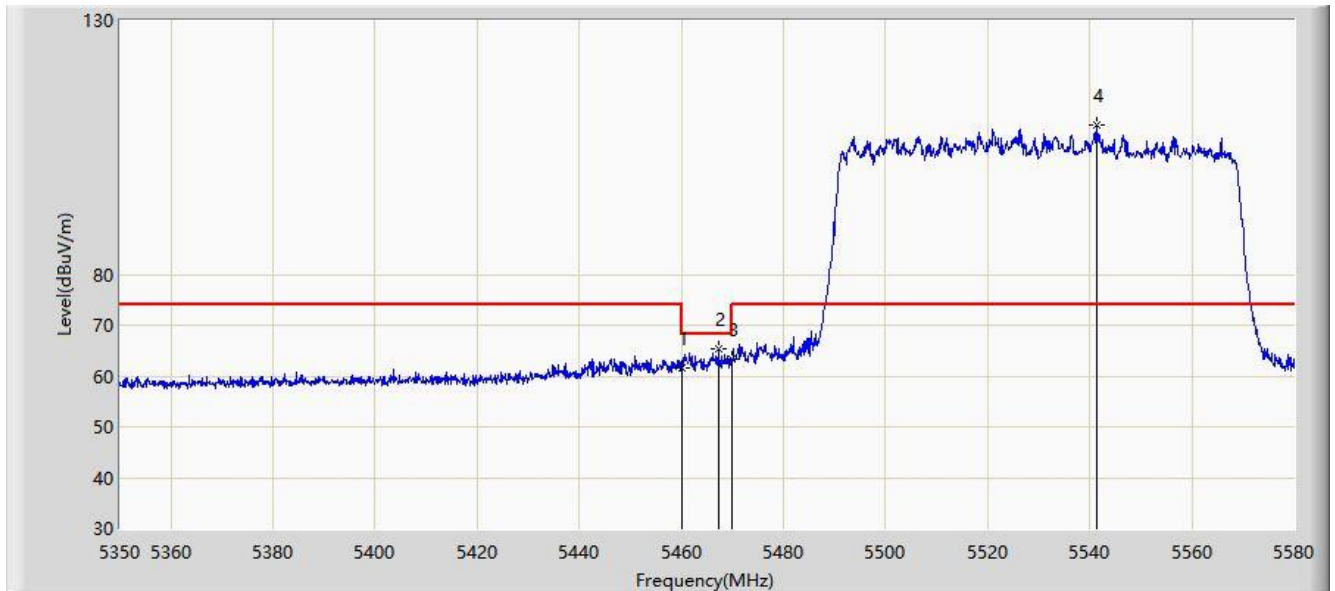


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5299.950	100.054	96.298	N/A	N/A	3.756	AV
2			5350.000	51.839	47.822	-2.161	54.000	4.017	AV
3			5353.630	53.631	49.604	-0.369	54.000	4.027	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

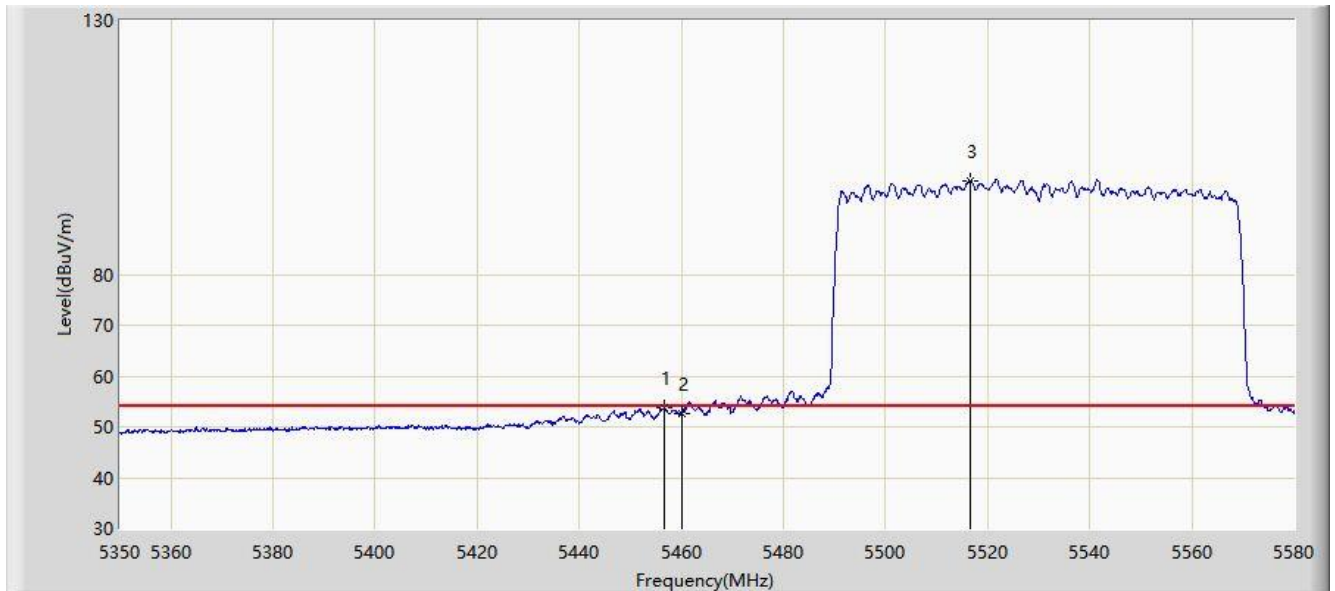


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	61.539	57.277	-12.461	74.000	4.261	PK
2			5467.300	65.236	61.016	-2.964	68.200	4.219	PK
3			5470.000	63.408	59.204	-4.792	68.200	4.204	PK
4		*	5541.475	109.285	104.951	N/A	N/A	4.334	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

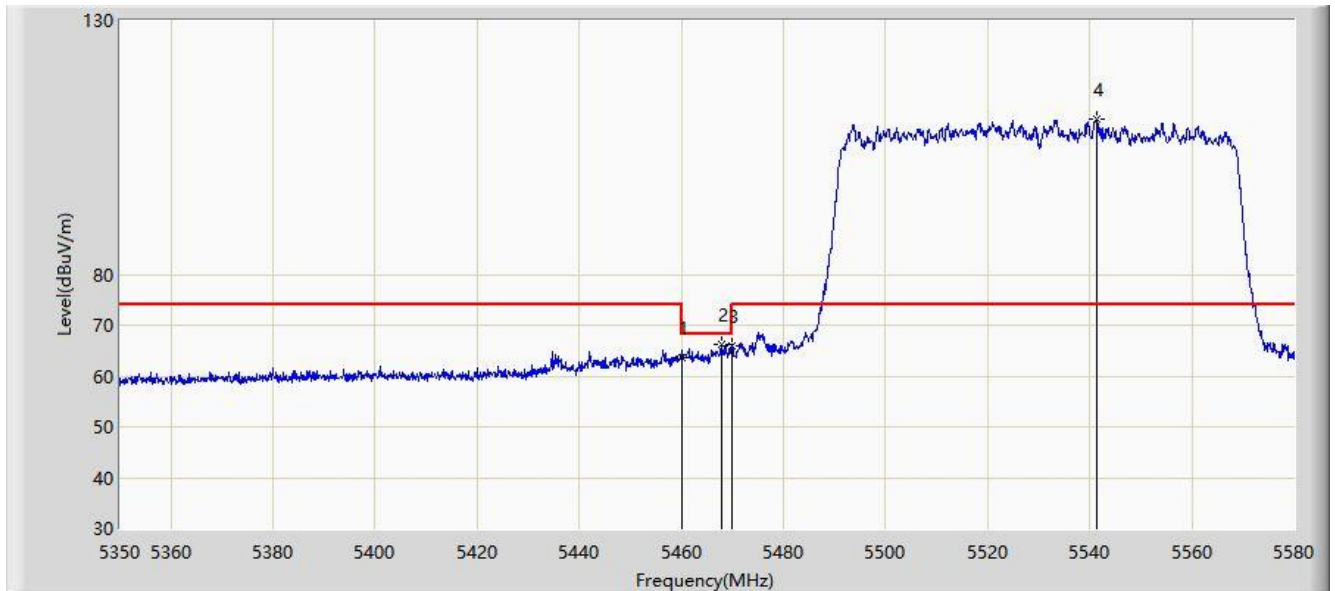


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5456.605	53.729	49.448	-0.271	54.000	4.281	AV
2			5460.000	52.696	48.434	-1.304	54.000	4.261	AV
3		*	5516.635	98.536	94.029	N/A	N/A	4.506	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

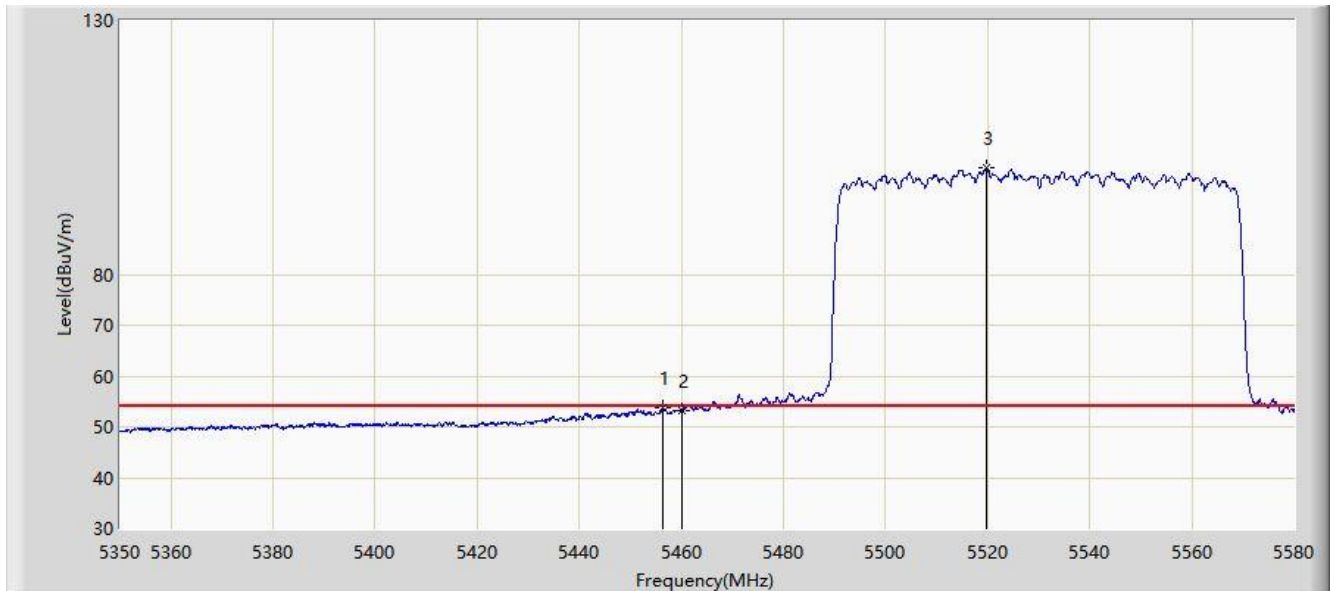


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	63.709	59.447	-10.291	74.000	4.261	PK
2			5467.760	66.194	61.977	-2.006	68.200	4.217	PK
3			5470.000	65.967	61.763	-2.233	68.200	4.204	PK
4		*	5541.245	110.470	106.133	N/A	N/A	4.337	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

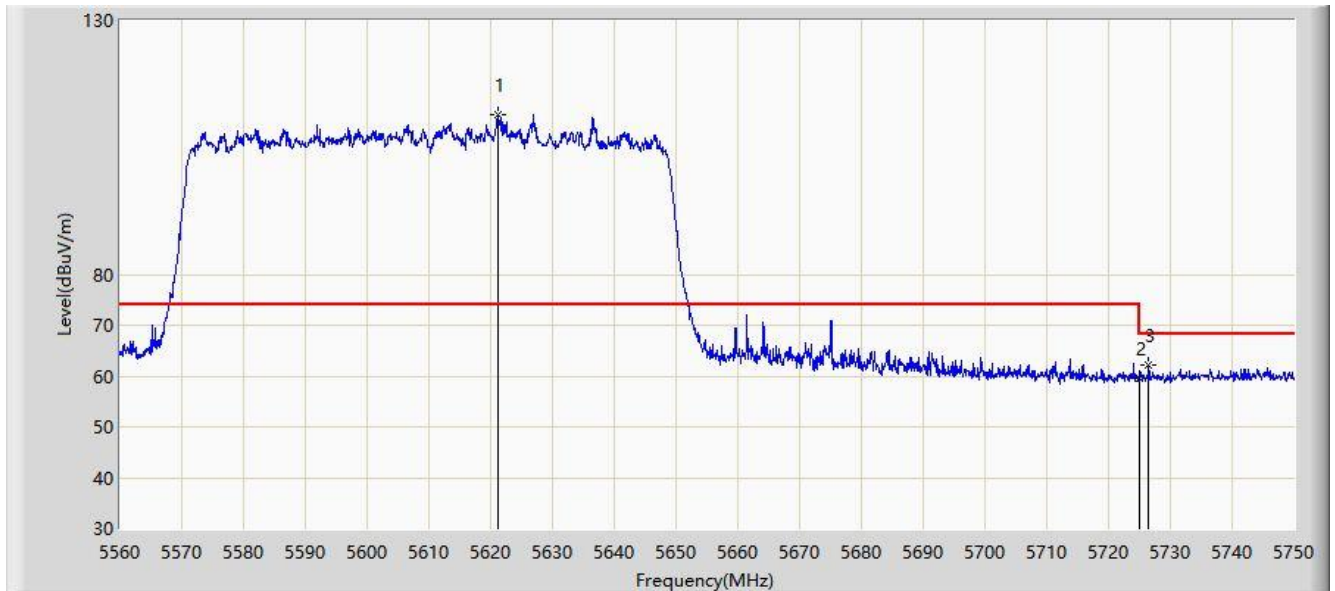


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5456.375	53.692	49.409	-0.308	54.000	4.283	AV
2			5460.000	53.262	49.000	-0.738	54.000	4.261	AV
3		*	5519.625	101.040	96.524	N/A	N/A	4.516	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

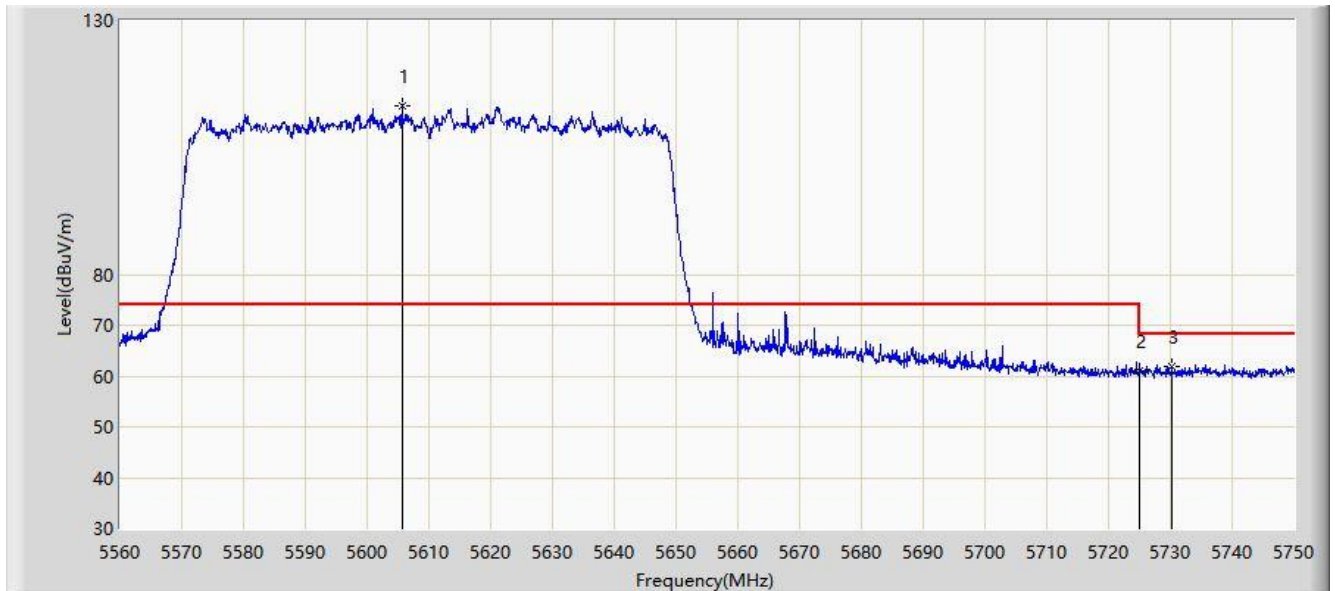


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5621.180	111.313	106.789	N/A	N/A	4.524	PK
2			5725.000	59.457	54.946	-8.743	68.200	4.511	PK
3			5726.535	62.092	57.576	-6.108	68.200	4.516	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 22:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

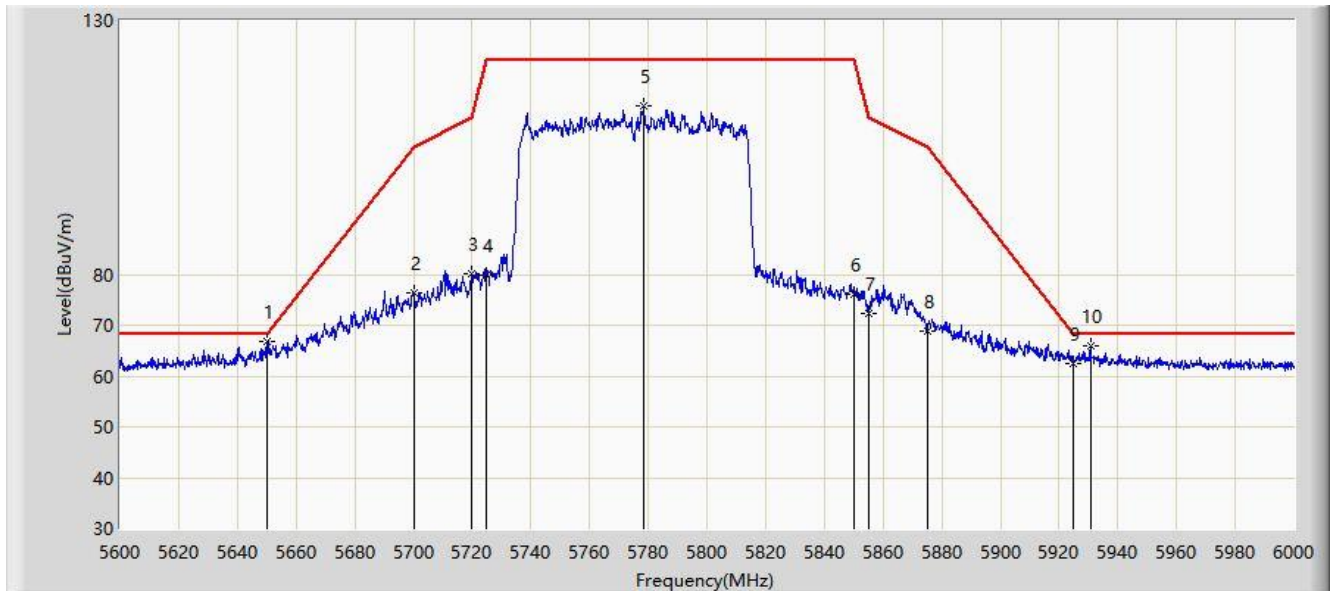


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5605.600	113.153	108.706	N/A	N/A	4.447	PK
2			5725.000	60.986	56.475	-7.214	68.200	4.511	PK
3			5730.240	62.004	57.492	-6.196	68.200	4.513	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 20:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz	

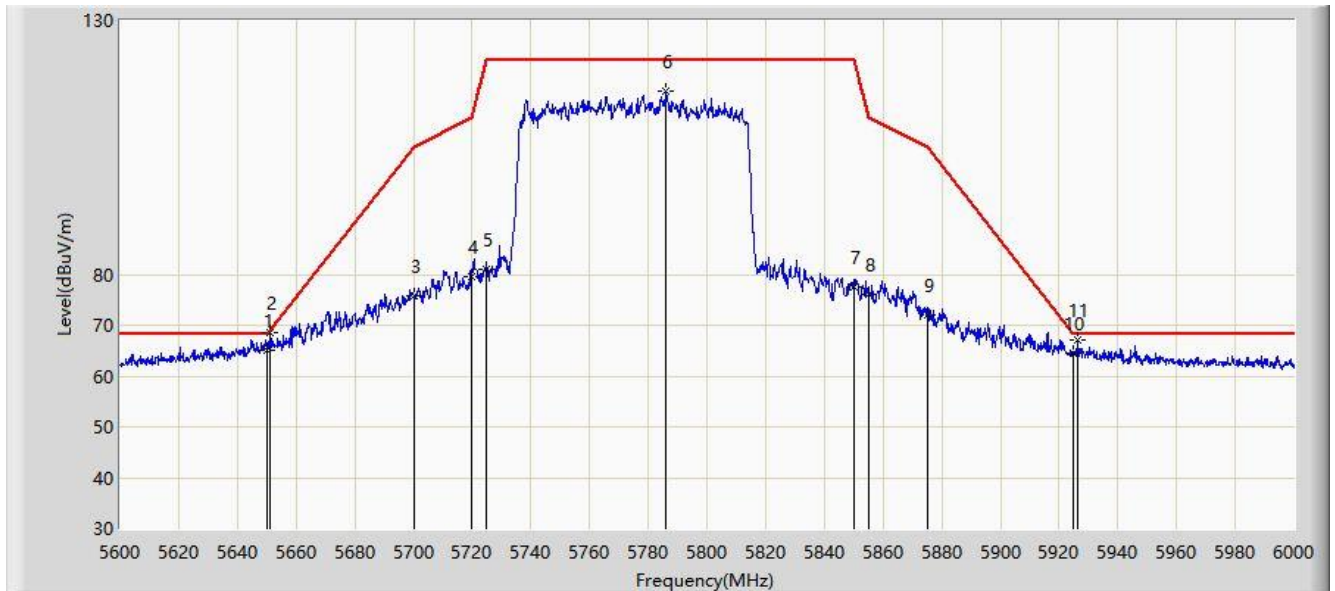


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5650.000	66.842	62.509	-1.358	68.200	4.333	PK
2			5700.000	76.351	71.799	-28.849	105.200	4.551	PK
3			5720.000	80.007	75.494	-30.793	110.800	4.513	PK
4			5725.000	79.948	75.437	-42.252	122.200	4.511	PK
5			5778.400	113.103	108.353	N/A	N/A	4.751	PK
6			5850.000	75.973	71.178	-46.227	122.200	4.795	PK
7			5855.000	72.230	67.434	-38.570	110.800	4.796	PK
8			5875.000	68.853	64.063	-36.347	105.200	4.790	PK
9			5925.000	62.451	57.388	-5.749	68.200	5.063	PK
10			5930.600	65.984	60.935	-2.216	68.200	5.049	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 20:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz	

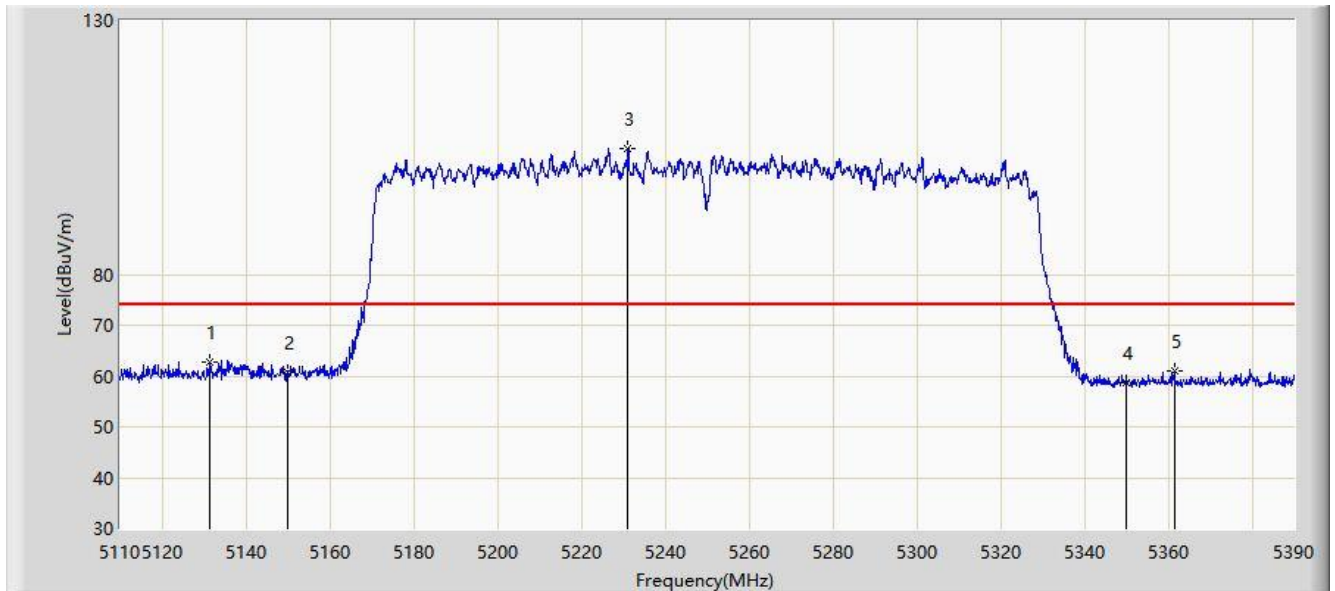


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5650.000	65.205	60.872	-2.995	68.200	4.333	PK
2		*	5651.000	68.548	64.210	-0.395	68.943	4.338	PK
3			5700.000	75.753	71.201	-29.447	105.200	4.551	PK
4			5720.000	79.680	75.167	-31.120	110.800	4.513	PK
5			5725.000	81.117	76.606	-41.083	122.200	4.511	PK
6			5786.200	116.066	111.378	N/A	N/A	4.688	PK
7			5850.000	77.549	72.754	-44.651	122.200	4.795	PK
8			5855.000	76.070	71.274	-34.730	110.800	4.796	PK
9			5875.000	72.170	67.380	-33.030	105.200	4.790	PK
10			5925.000	64.385	59.322	-3.815	68.200	5.063	PK
11			5926.200	67.141	62.080	-1.059	68.200	5.061	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

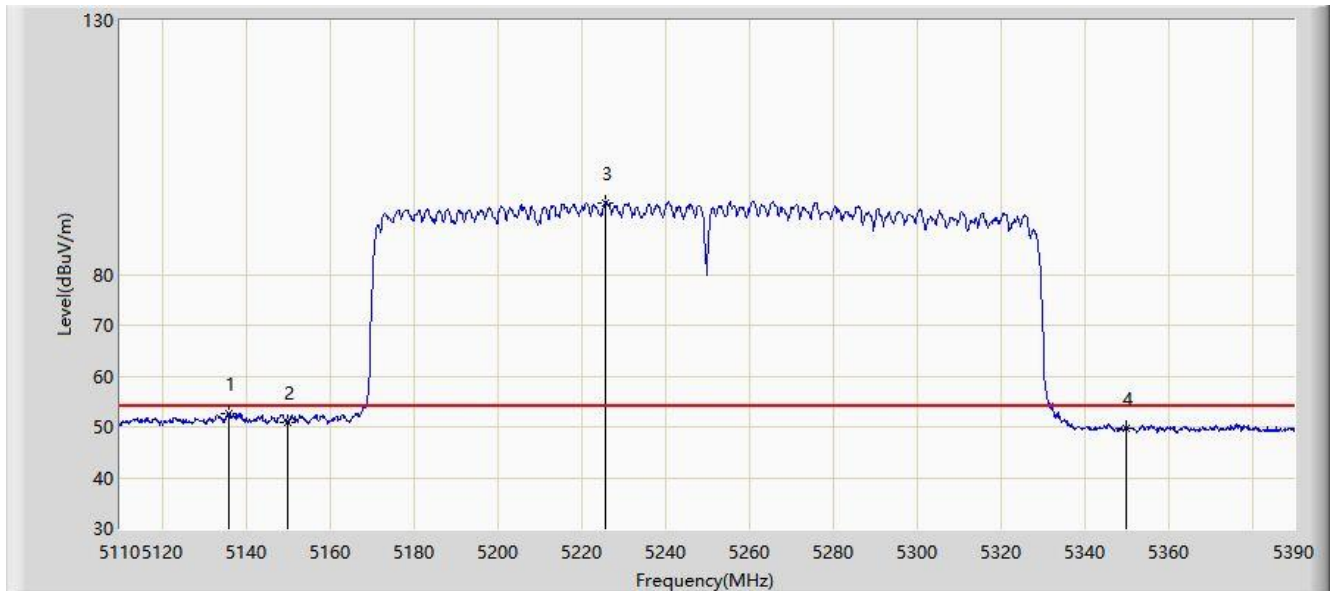


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5131.420	62.796	58.720	-11.204	74.000	4.077	PK
2			5150.000	60.663	56.634	-13.337	74.000	4.029	PK
3		*	5231.100	104.804	100.936	N/A	N/A	3.868	PK
4			5350.000	58.647	54.630	-15.353	74.000	4.017	PK
5			5361.440	61.048	57.033	-12.952	74.000	4.014	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

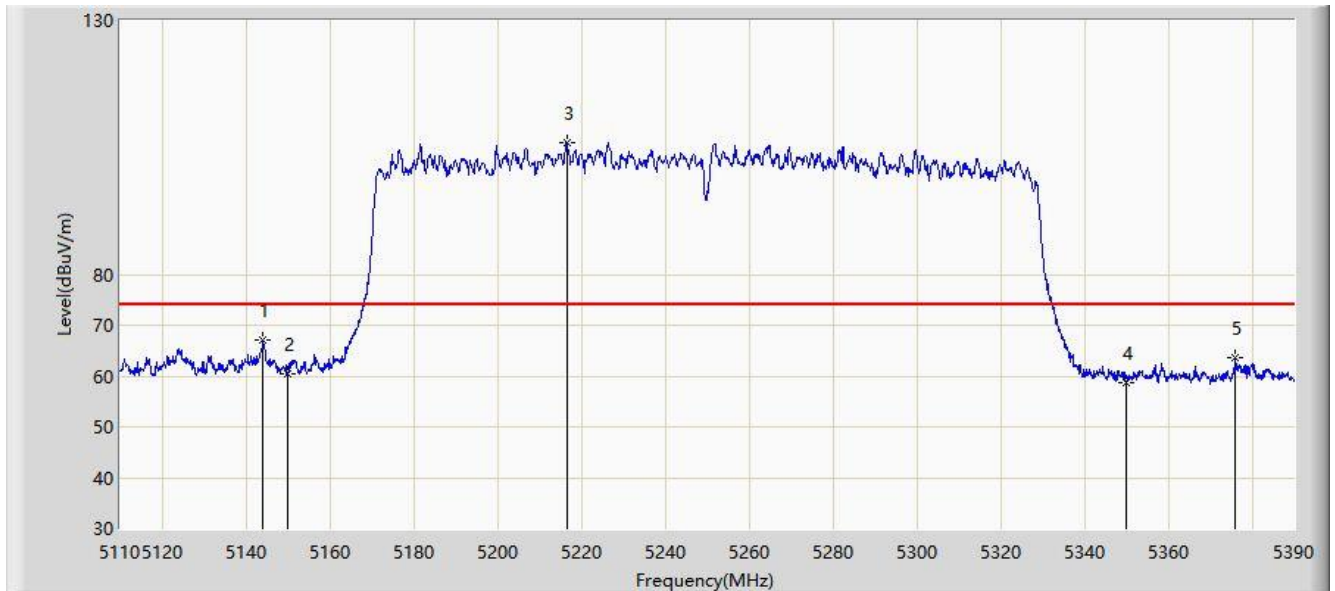


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5136.040	52.677	48.621	-1.323	54.000	4.056	AV
2			5150.000	50.988	46.959	-3.012	54.000	4.029	AV
3		*	5225.780	94.153	90.204	N/A	N/A	3.949	AV
4			5350.000	49.851	45.834	-4.149	54.000	4.017	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

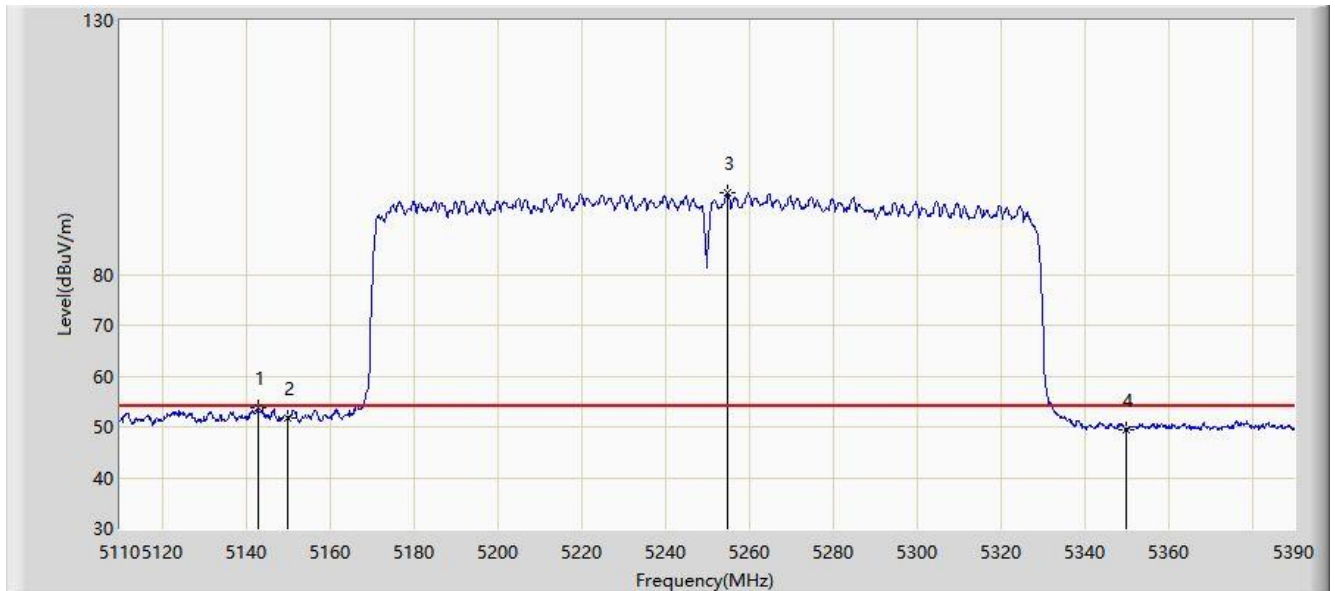


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.020	66.964	62.932	-7.036	74.000	4.032	PK
2			5150.000	60.303	56.274	-13.697	74.000	4.029	PK
3		*	5216.540	105.964	101.968	N/A	N/A	3.997	PK
4			5350.000	58.831	54.814	-15.169	74.000	4.017	PK
5			5376.140	63.641	59.619	-10.359	74.000	4.022	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

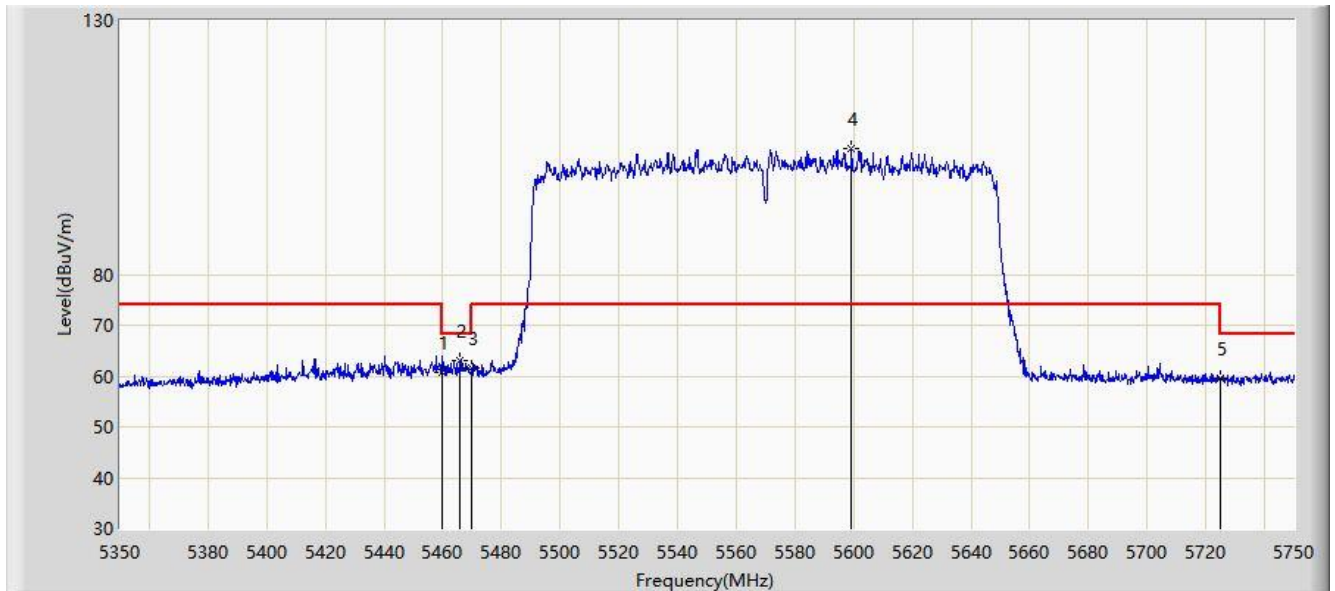


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5142.900	53.826	49.790	-0.174	54.000	4.036	AV
2			5150.000	51.788	47.759	-2.212	54.000	4.029	AV
3		*	5254.760	96.063	92.166	N/A	N/A	3.896	AV
4			5350.000	49.537	45.520	-4.463	54.000	4.017	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

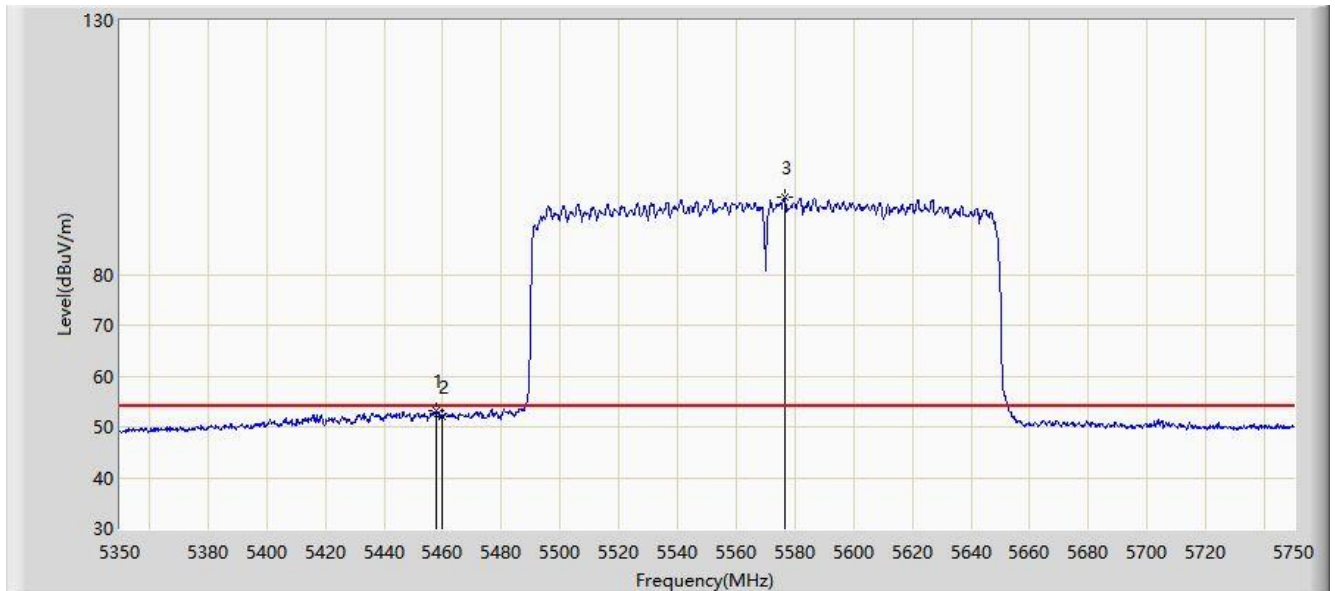


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	60.626	56.364	-13.374	74.000	4.261	PK
2			5466.000	63.145	58.918	-5.055	68.200	4.228	PK
3			5470.000	61.561	57.357	-6.639	68.200	4.204	PK
4		*	5599.200	104.921	100.537	N/A	N/A	4.384	PK
5			5725.000	59.498	54.987	-8.702	68.200	4.511	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

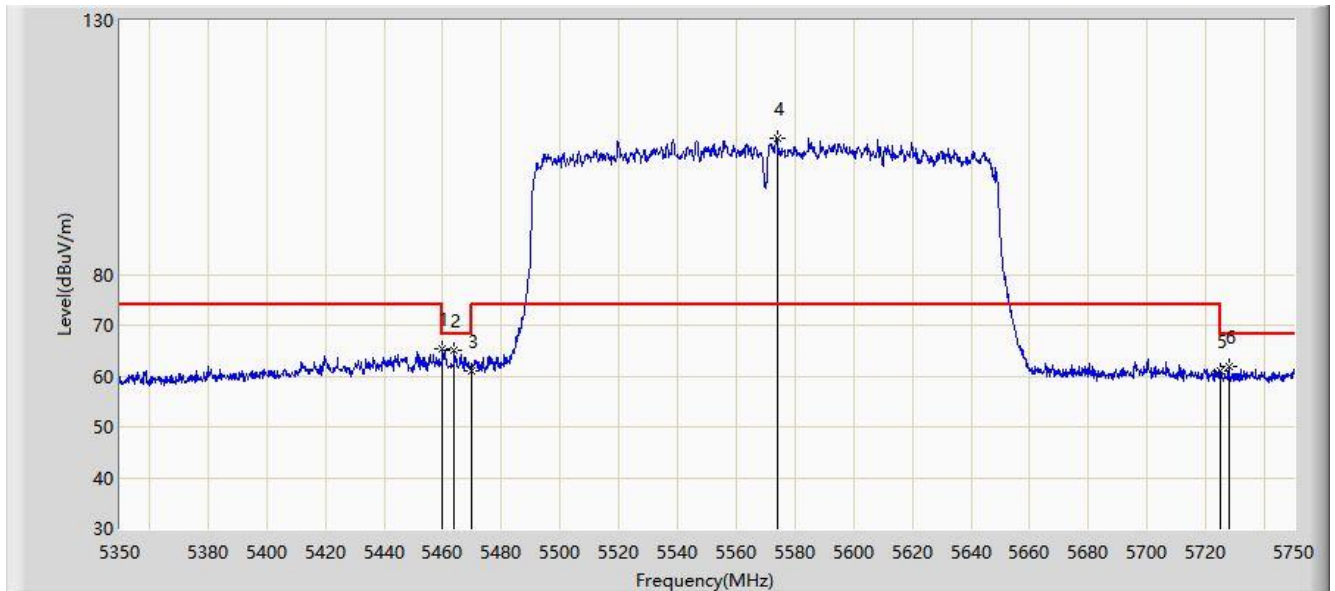


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.000	53.068	48.795	-0.932	54.000	4.273	AV
2			5460.000	52.119	47.857	-1.881	54.000	4.261	AV
3		*	5576.600	95.076	90.726	N/A	N/A	4.350	AV

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

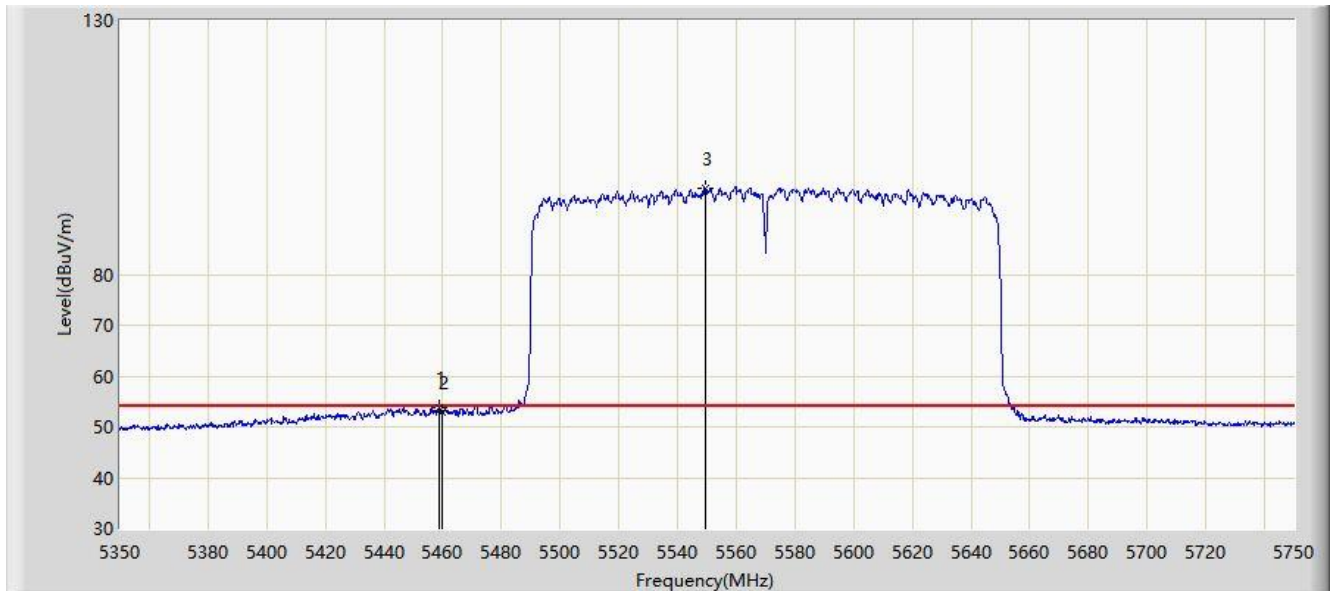


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5460.000	65.345	61.083	-8.655	74.000	4.261	PK
2			5463.800	64.987	60.747	-3.213	68.200	4.240	PK
3			5470.000	60.922	56.718	-7.278	68.200	4.204	PK
4		*	5574.000	106.877	102.542	N/A	N/A	4.335	PK
5			5725.000	60.979	56.468	-7.221	68.200	4.511	PK
6			5727.800	62.019	57.504	-6.181	68.200	4.515	PK

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

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

Site: WZ-AC1	Time: 2021/05/07 – 23:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.000	53.875	49.608	-0.125	54.000	4.267	AV
2			5460.000	52.900	48.638	-1.100	54.000	4.261	AV
3		*	5549.400	96.931	92.658	N/A	N/A	4.273	AV

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

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

5.9. AC Conducted Emissions Measurement

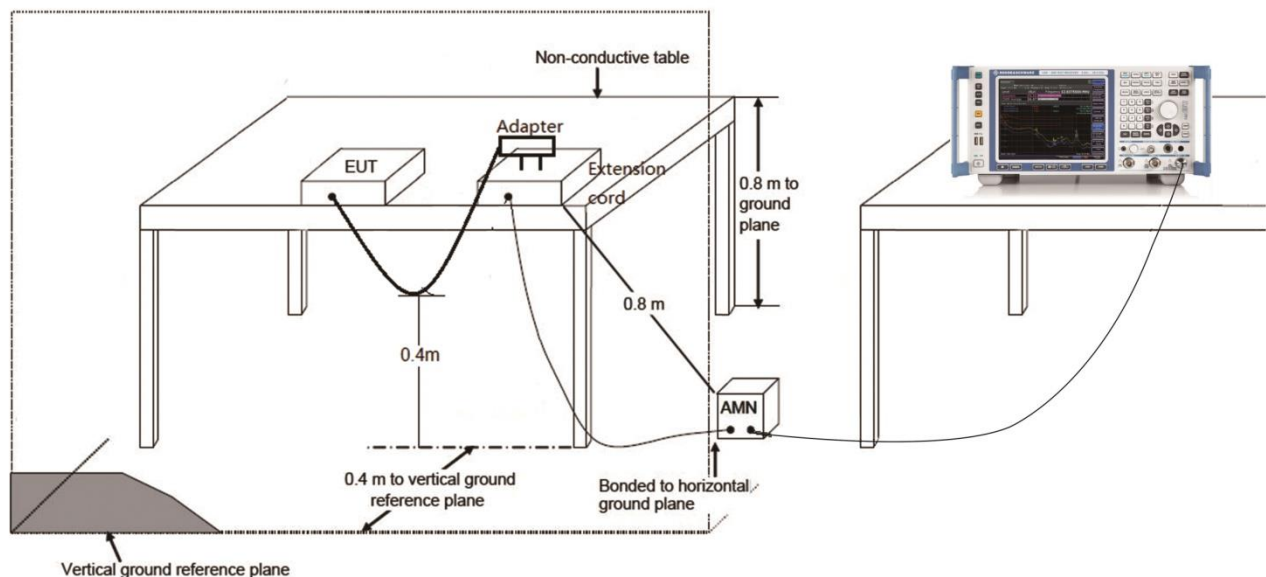
5.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

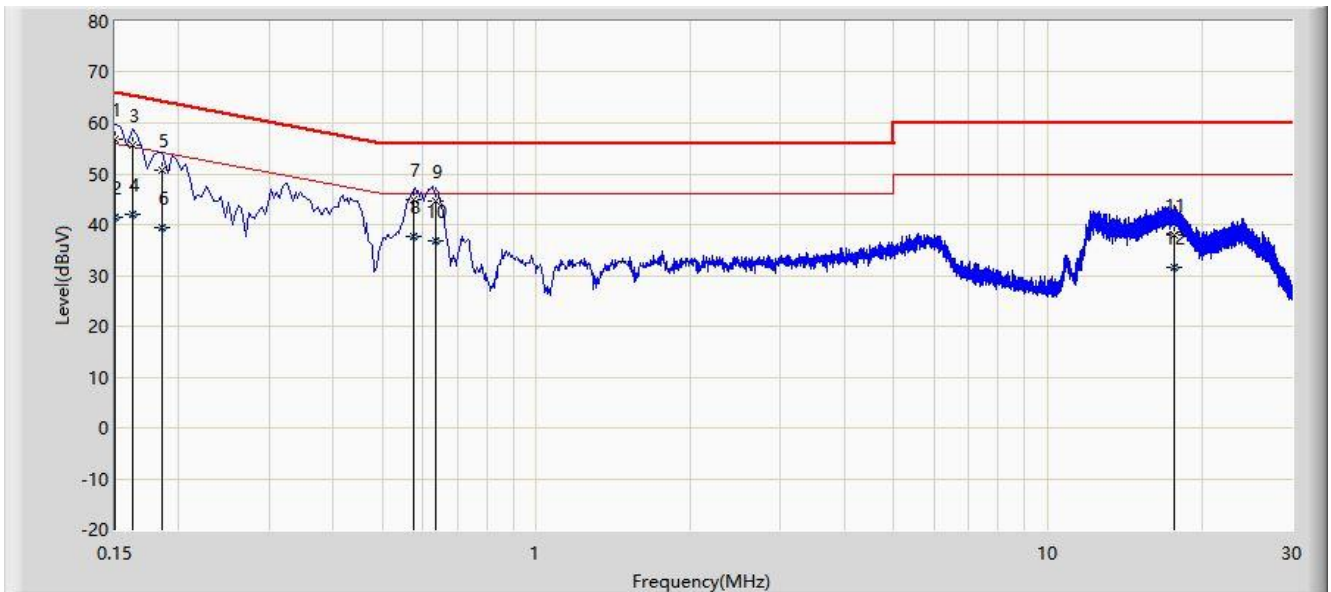
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

5.9.2. Test Setup



5.9.3.Test Result

Site: WZ-SR2	Time: 2021/05/11 - 14:34
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter Off_Without Adapter	Polarity: Line
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

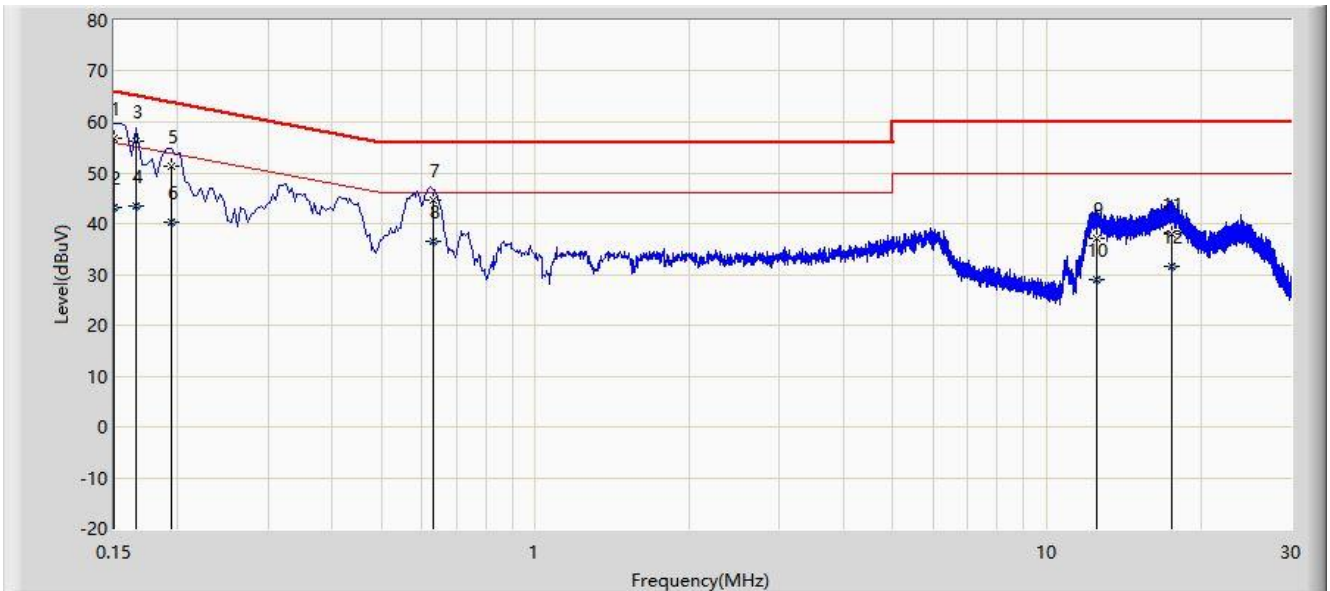


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	56.685	46.887	-9.315	66.000	9.798	QP
2			0.150	41.385	31.587	-14.615	56.000	9.798	AV
3			0.162	55.766	45.961	-9.594	65.361	9.805	QP
4			0.162	42.040	32.234	-13.321	55.361	9.805	AV
5			0.186	50.654	40.839	-13.560	64.213	9.815	QP
6			0.186	39.425	29.610	-14.788	54.213	9.815	AV
7			0.574	44.893	35.016	-11.107	56.000	9.877	QP
8		*	0.574	37.633	27.756	-8.367	46.000	9.877	AV
9			0.634	44.722	34.840	-11.278	56.000	9.883	QP
10			0.634	36.883	27.000	-9.117	46.000	9.883	AV
11			17.658	38.020	27.311	-21.980	60.000	10.708	QP
12			17.658	31.628	20.920	-18.372	50.000	10.708	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: WZ-SR2	Time: 2021/05/11 - 14:39
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter Off_Without Adapter	Polarity: Neutral
EUT: Kinetic VoIP Modem	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	56.816	47.029	-9.184	66.000	9.788	QP
2			0.150	43.058	33.270	-12.942	56.000	9.788	AV
3		*	0.166	56.135	46.338	-9.023	65.158	9.797	QP
4			0.166	43.335	33.538	-11.823	55.158	9.797	AV
5			0.194	51.365	41.557	-12.499	63.864	9.807	QP
6			0.194	40.312	30.504	-13.552	53.864	9.807	AV
7			0.630	44.539	34.667	-11.461	56.000	9.871	QP
8			0.630	36.540	26.668	-9.460	46.000	9.871	AV
9			12.510	37.018	26.423	-22.982	60.000	10.595	QP
10			12.510	28.889	18.294	-21.111	50.000	10.595	AV
11			17.518	37.912	27.257	-22.088	60.000	10.655	QP
12			17.518	31.615	20.960	-18.385	50.000	10.655	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

6. CONCLUSION

The data collected relate only the item(s) tested and show that the device is compliance with Part 15E of the FCC rules.

The End

Appendix A - Test Setup Photograph

Refer to “2103RSU011-UT” file.

Appendix B - EUT Photograph

Refer to “2103RSU011-UE” file.