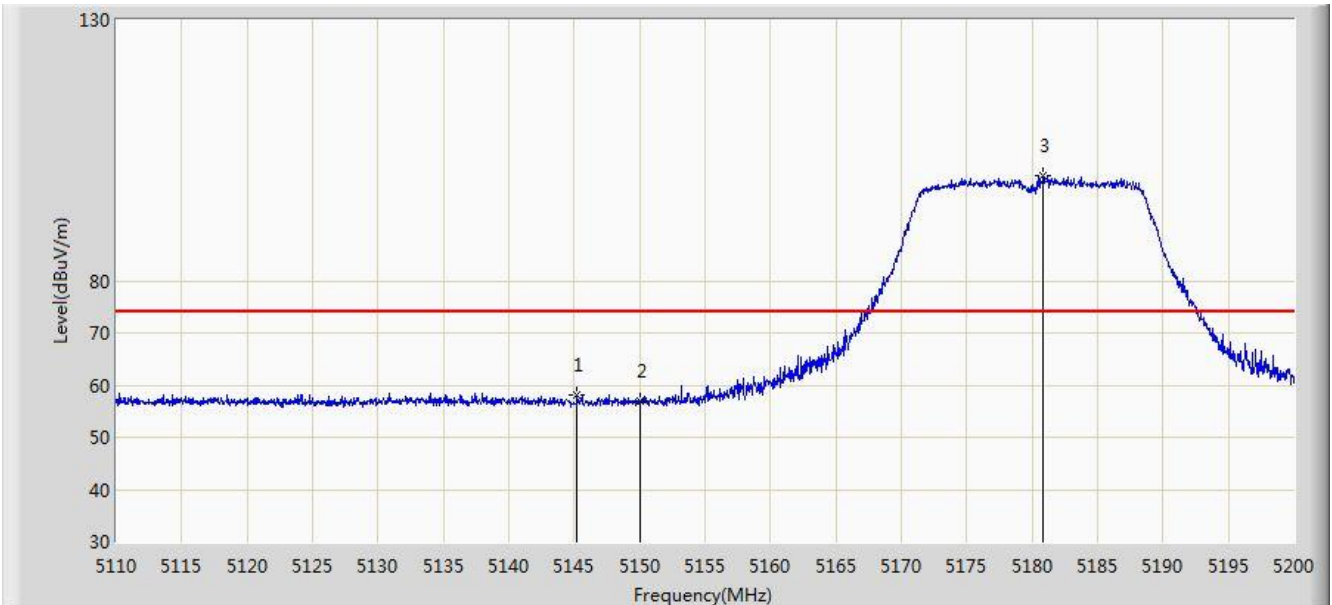


Site: AC1	Time: 2017/08/27 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

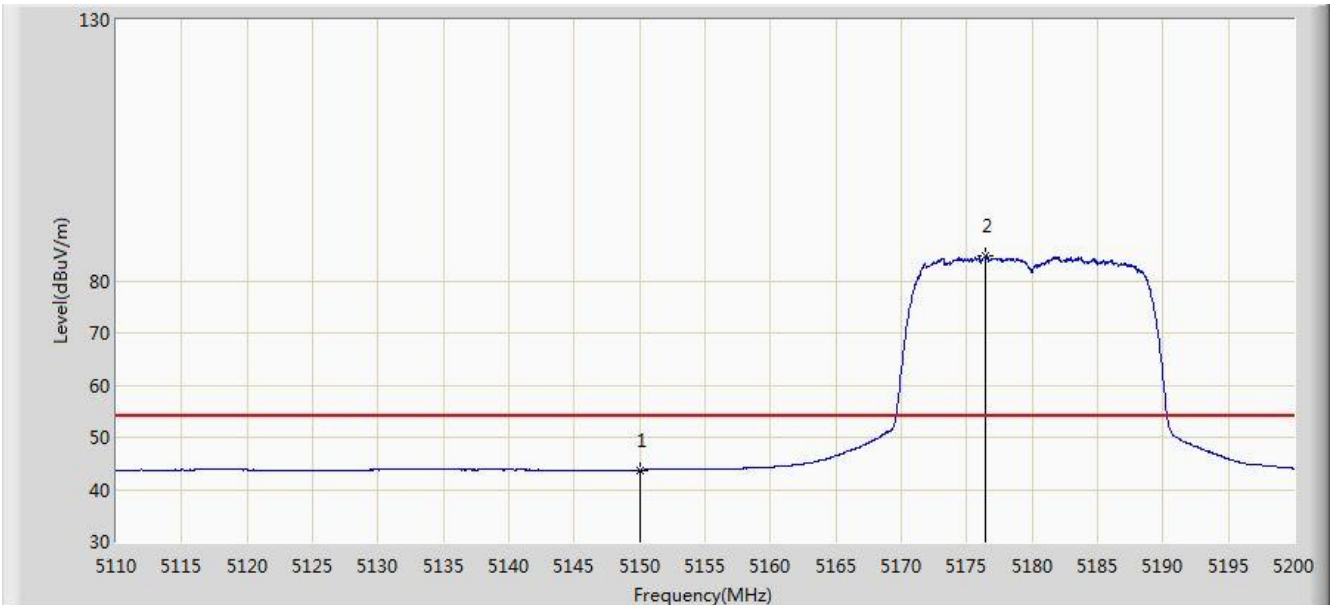


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.235	58.260	54.084	-15.740	74.000	4.176	PK
2			5150.000	56.962	52.793	-17.038	74.000	4.170	PK
3		*	5180.875	100.046	95.980	N/A	N/A	4.066	PK

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

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

Site: AC1	Time: 2017/08/27 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

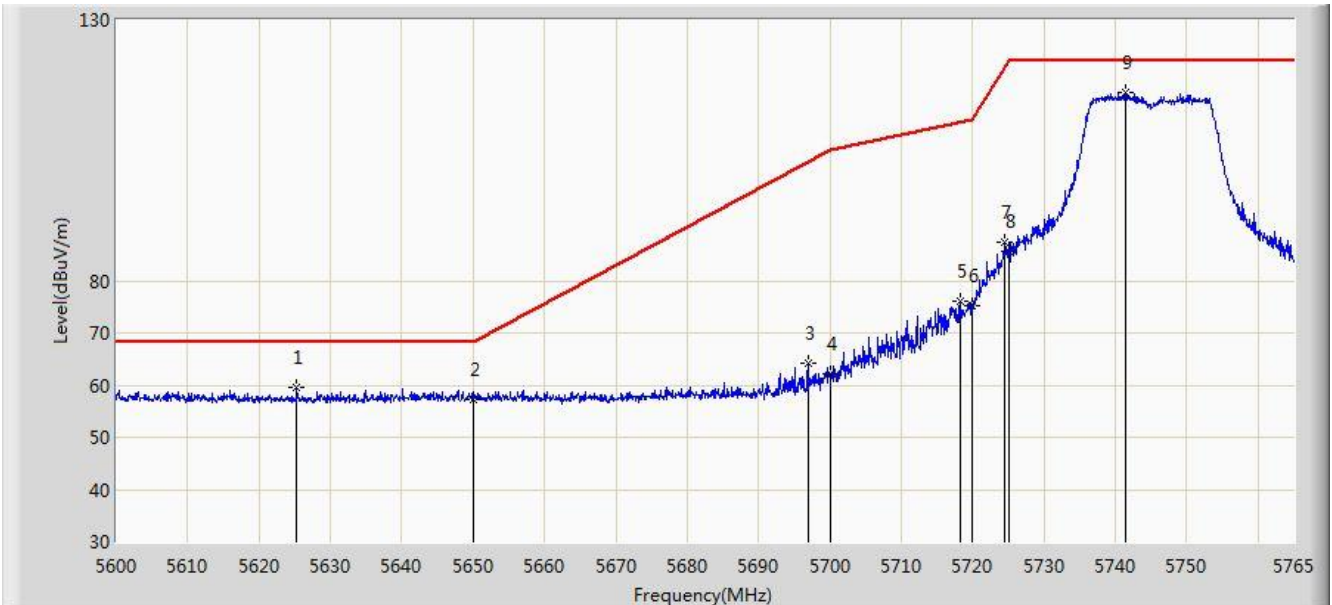


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	43.758	39.589	-10.242	54.000	4.170	AV
2		*	5176.465	84.832	80.751	N/A	N/A	4.081	AV

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

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

Site: AC1	Time: 2017/08/27 - 12:39
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 + 2 (Beam-Forming Mode)	

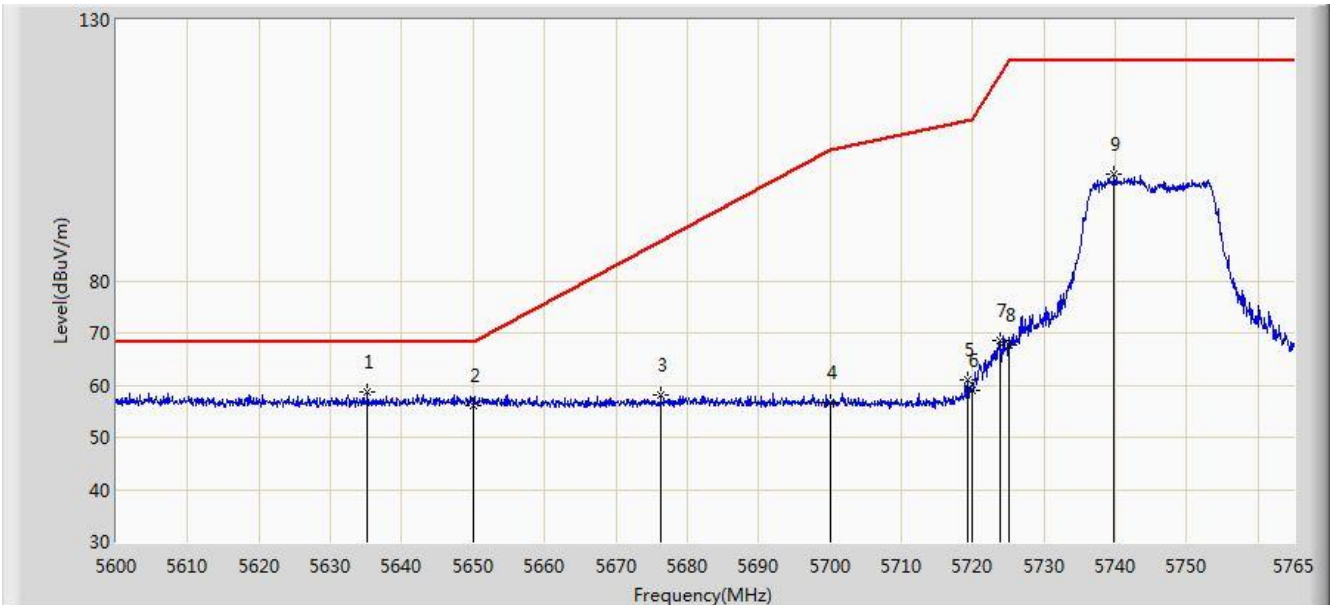


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5625.328	59.502	54.906	-8.698	68.200	4.595	PK
2			5650.000	57.388	52.717	-10.812	68.200	4.671	PK
3			5696.937	64.297	59.435	-38.646	102.943	4.862	PK
4			5700.000	62.139	57.261	-43.061	105.200	4.878	PK
5			5718.305	76.095	71.109	-34.231	110.326	4.986	PK
6			5720.000	75.244	70.247	-35.556	110.800	4.997	PK
7			5724.410	87.529	82.504	-33.326	120.855	5.025	PK
8			5725.000	85.743	80.714	-36.457	122.200	5.029	PK
9		*	5741.487	116.083	110.949	N/A	N/A	5.134	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: AC1	Time: 2017/08/27 - 12:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 + 2 (Beam-Forming Mode)	

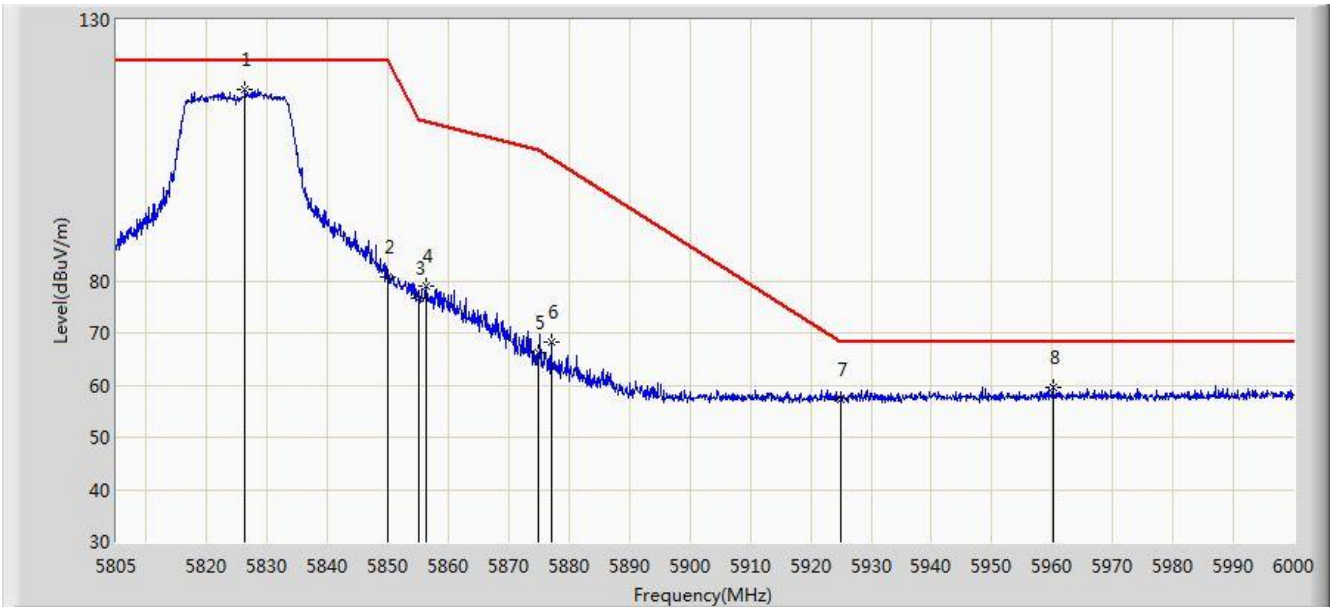


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5635.228	58.717	54.093	-9.483	68.200	4.624	PK
2			5650.000	56.141	51.470	-12.059	68.200	4.671	PK
3			5676.312	58.166	53.394	-29.545	87.712	4.772	PK
4			5700.000	56.676	51.798	-48.524	105.200	4.878	PK
5			5719.377	61.058	56.065	-49.568	110.626	4.993	PK
6			5720.000	59.122	54.125	-51.678	110.800	4.997	PK
7			5723.915	68.607	63.585	-51.120	119.727	5.022	PK
8			5725.000	67.634	62.605	-54.566	122.200	5.029	PK
9			5739.755	100.332	95.209	N/A	N/A	5.123	PK

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

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

Site: AC1	Time: 2017/08/27 - 12:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 + 2 (Beam-Forming Mode)	

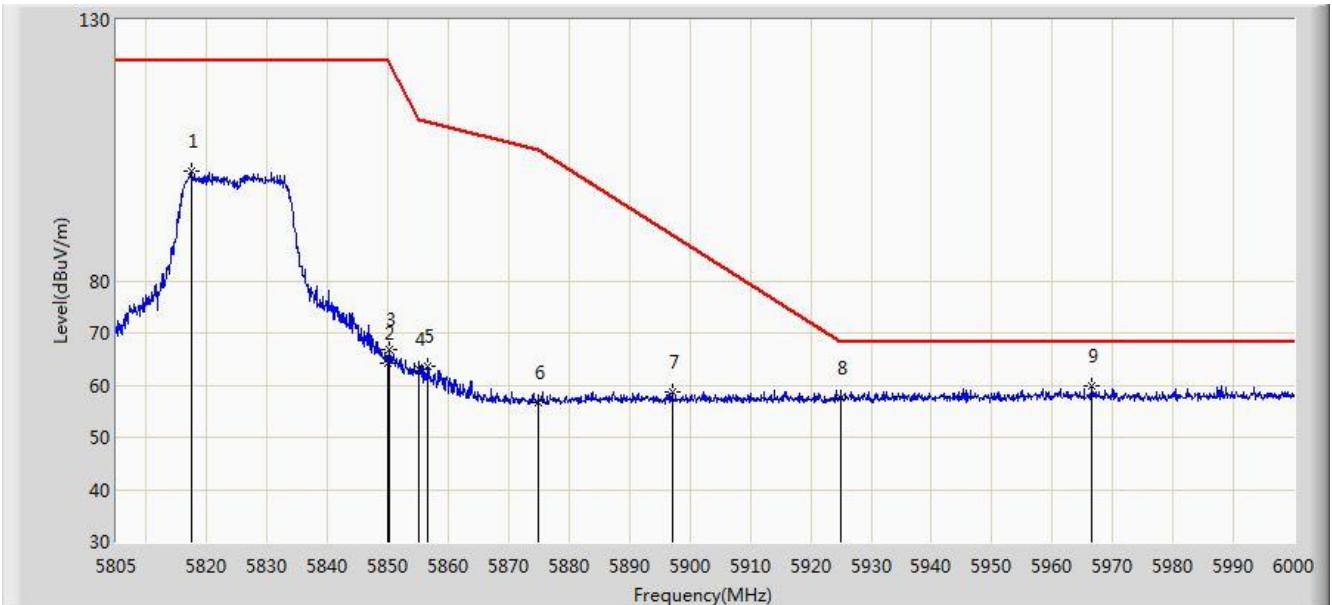


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.353	116.598	111.002	N/A	N/A	5.595	PK
2			5850.000	80.753	75.027	-41.447	122.200	5.726	PK
3			5855.000	76.724	70.978	-34.076	110.800	5.746	PK
4			5856.382	79.066	73.314	-31.346	110.412	5.751	PK
5			5875.000	66.294	60.474	-38.906	105.200	5.820	PK
6			5877.053	68.248	62.421	-35.427	103.675	5.827	PK
7			5925.000	57.244	51.278	-10.956	68.200	5.967	PK
8			5960.123	59.710	53.666	-8.490	68.200	6.044	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: AC1	Time: 2017/08/27 - 13:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 + 2 (Beam-Forming Mode)	

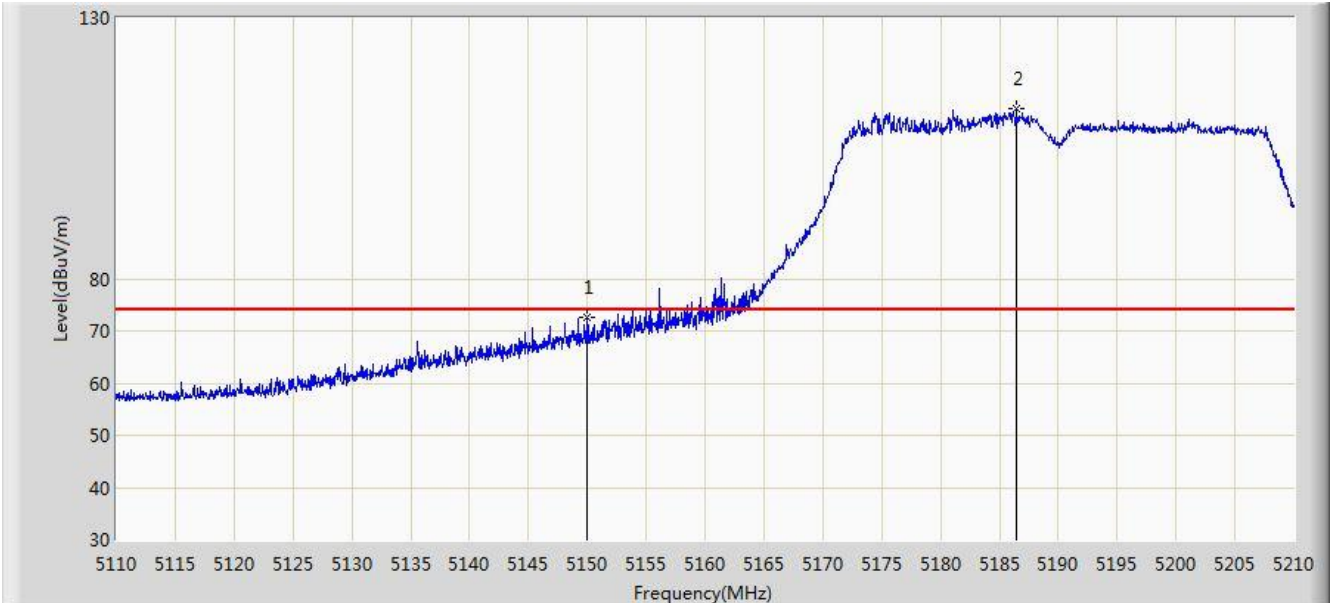


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5817.382	101.112	95.569	N/A	N/A	5.544	PK
2			5850.000	64.265	58.539	-57.935	122.200	5.726	PK
3			5850.240	66.882	61.155	-54.771	121.653	5.726	PK
4			5855.000	62.982	57.236	-47.818	110.800	5.746	PK
5			5856.675	63.519	57.766	-46.811	110.330	5.754	PK
6			5875.000	56.807	50.987	-48.393	105.200	5.820	PK
7			5897.040	58.757	52.862	-30.095	88.852	5.894	PK
8			5925.000	57.463	51.497	-10.737	68.200	5.967	PK
9		*	5966.558	59.748	53.693	-8.452	68.200	6.055	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: AC1	Time: 2017/08/27 - 13:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

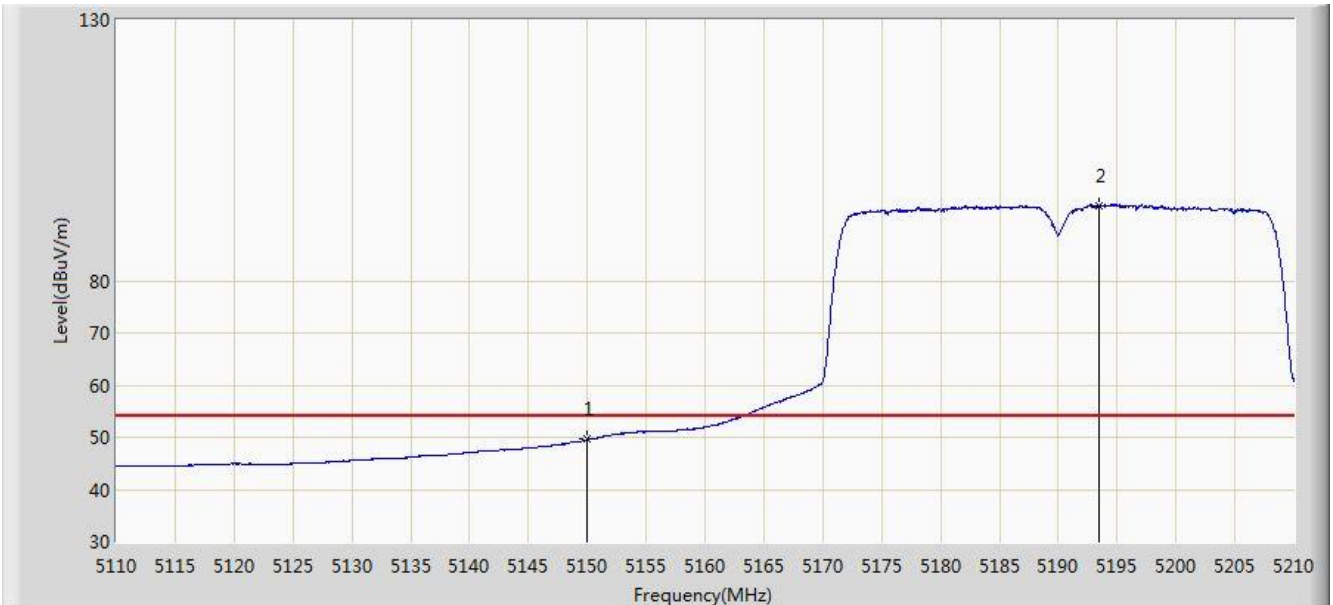


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	72.639	68.470	-1.361	74.000	4.170	PK
2		*	5186.400	112.477	108.431	N/A	N/A	4.046	PK

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

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

Site: AC1	Time: 2017/08/27 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

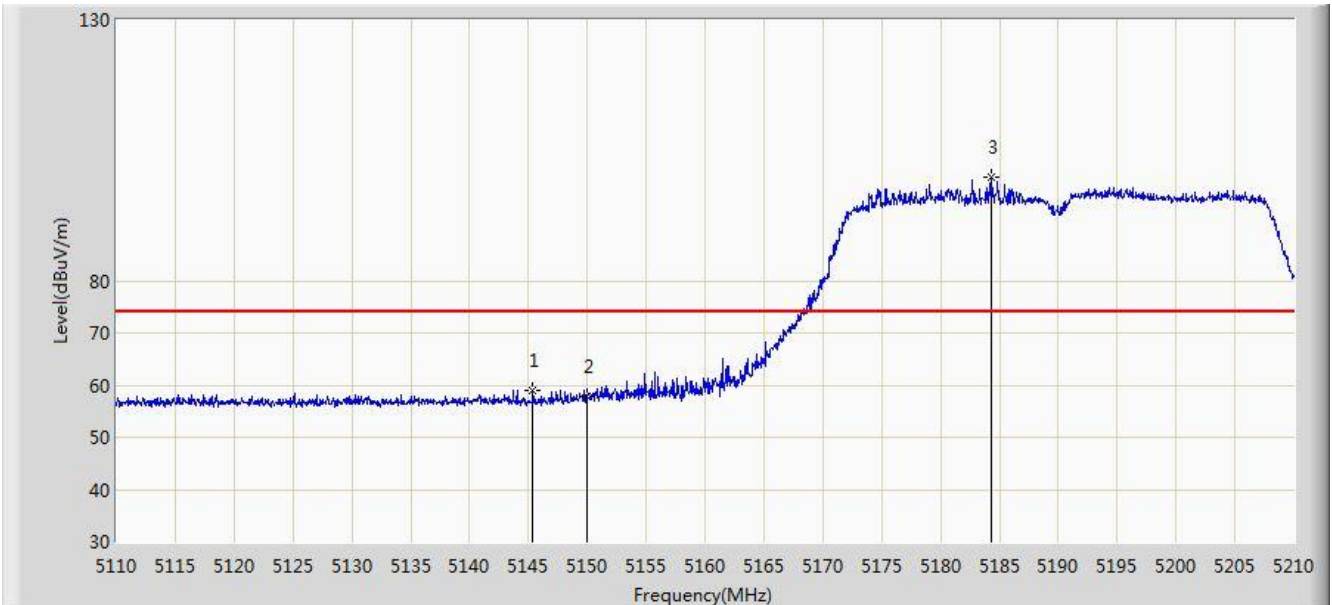


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.570	45.401	-4.430	54.000	4.170	AV
2		*	5193.400	94.466	90.445	N/A	N/A	4.021	AV

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

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

Site: AC1	Time: 2017/08/27 - 13:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

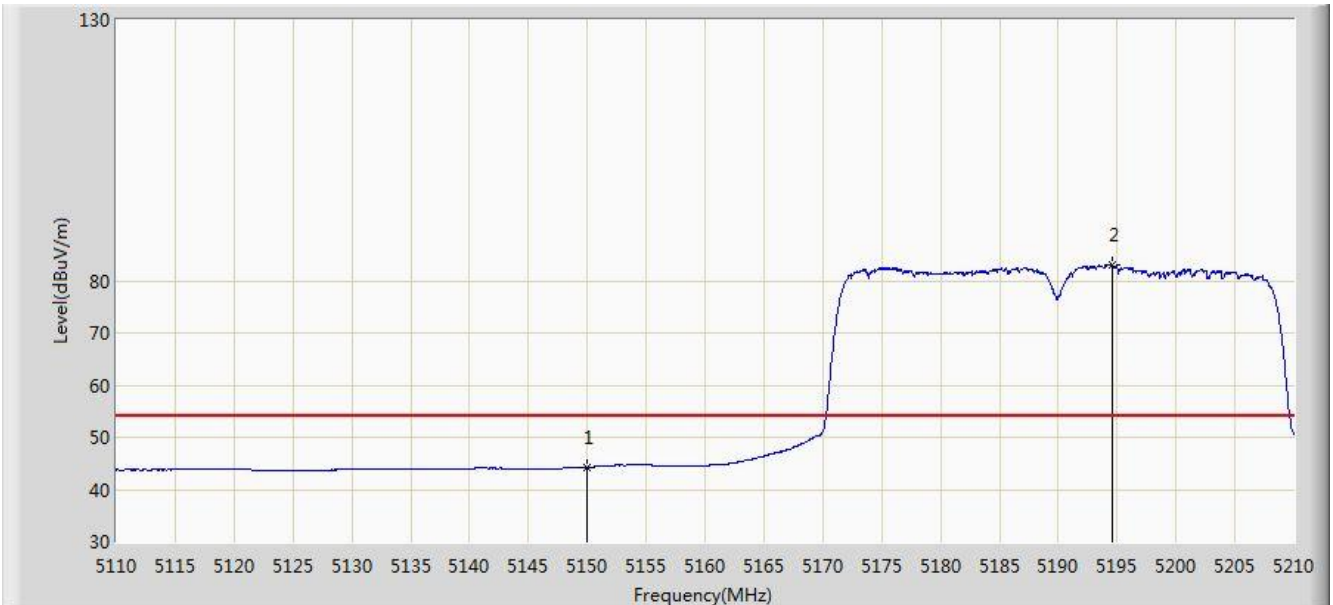


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.400	59.062	54.886	-14.938	74.000	4.176	PK
2			5150.000	57.741	53.572	-16.259	74.000	4.170	PK
3		*	5184.250	99.711	95.657	N/A	N/A	4.053	PK

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

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

Site: AC1	Time: 2017/08/27 - 13:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

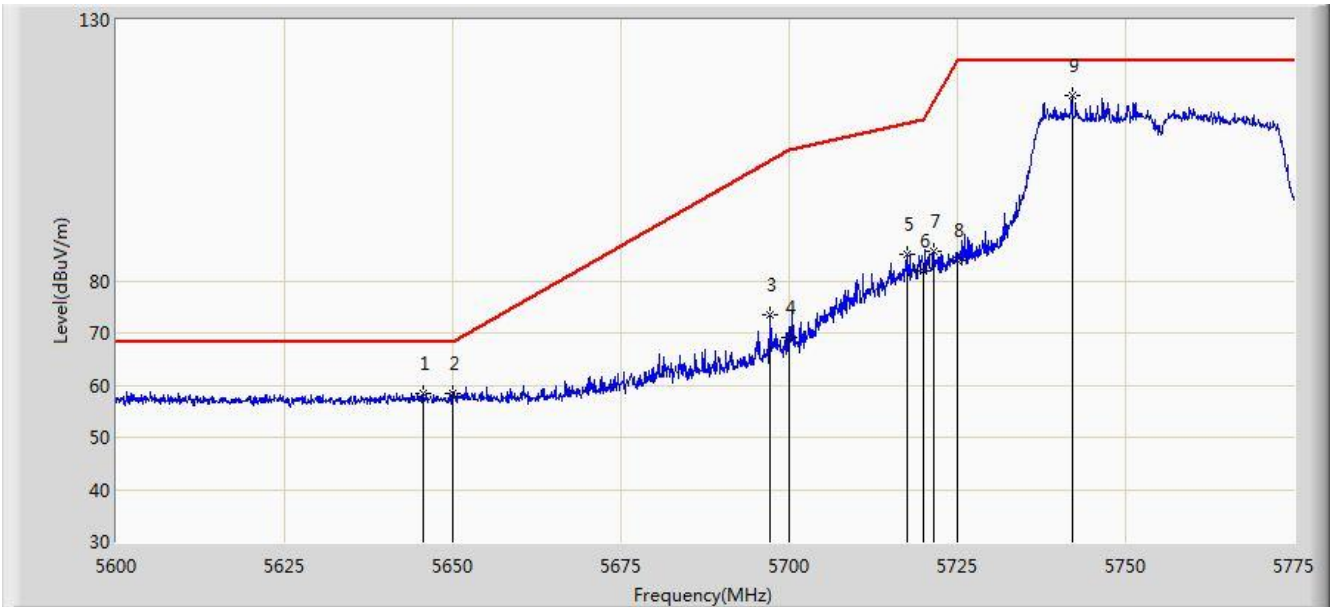


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.291	40.122	-9.709	54.000	4.170	AV
2		*	5194.550	83.019	79.002	N/A	N/A	4.017	AV

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

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

Site: AC1	Time: 2017/08/27 - 14:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 + 2 (Beam-Forming Mode)	

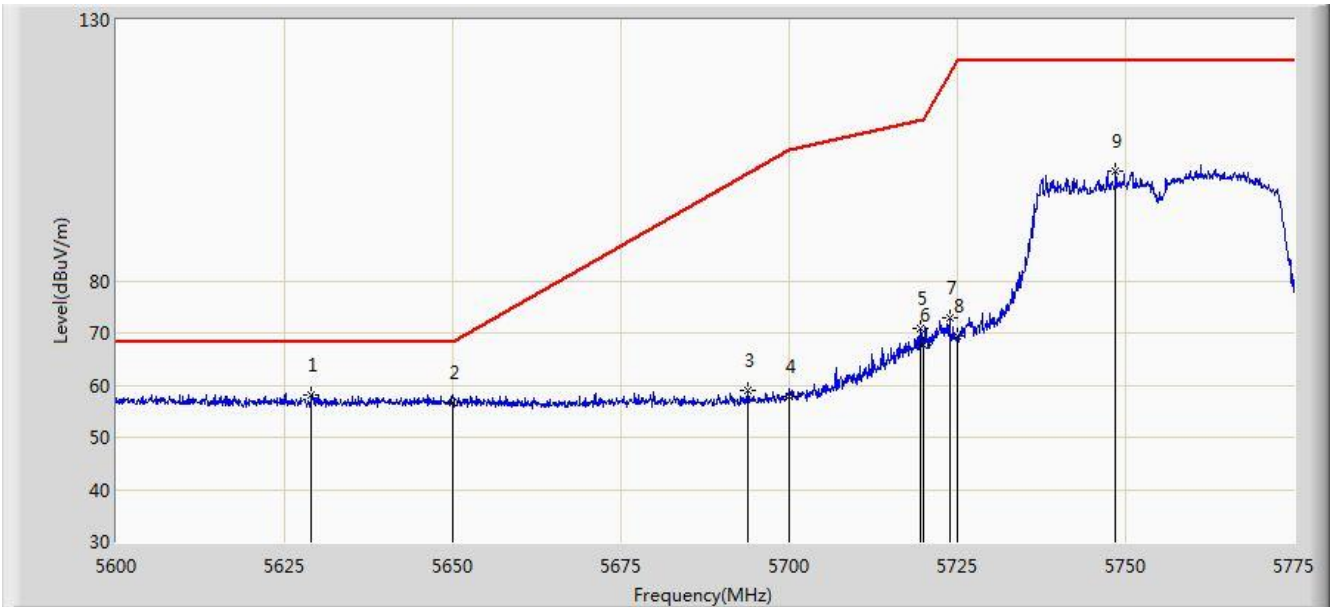


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.587	58.535	53.879	-9.665	68.200	4.657	PK
2			5650.000	58.332	53.661	-9.868	68.200	4.671	PK
3			5697.212	73.408	68.545	-29.737	103.145	4.863	PK
4			5700.000	69.112	64.234	-36.088	105.200	4.878	PK
5			5717.513	85.057	80.076	-25.048	110.105	4.982	PK
6			5720.000	81.928	76.931	-28.872	110.800	4.997	PK
7			5721.450	85.589	80.583	-28.518	114.107	5.007	PK
8			5725.000	83.876	78.847	-38.324	122.200	5.029	PK
9		*	5742.013	115.394	110.257	N/A	N/A	5.137	PK

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

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

Site: AC1	Time: 2017/08/27 - 14:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 + 2 (Beam-Forming Mode)	

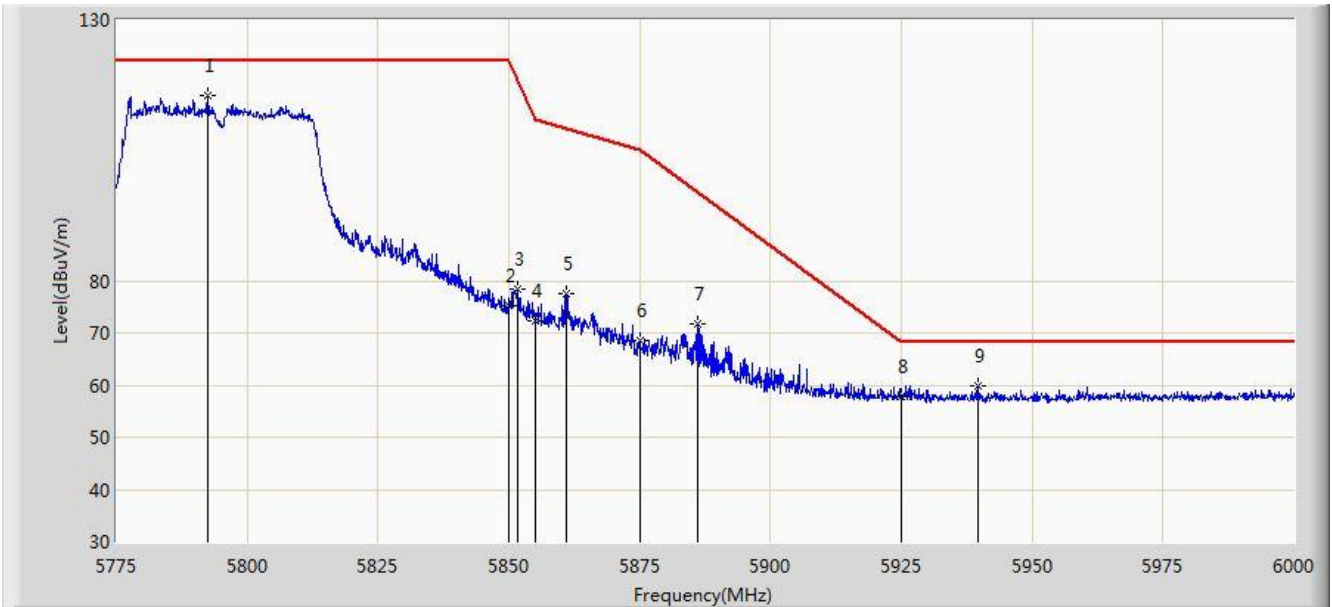


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5628.962	58.163	53.557	-10.037	68.200	4.607	PK
2			5650.000	56.729	52.058	-11.471	68.200	4.671	PK
3			5693.888	58.901	54.055	-41.794	100.695	4.846	PK
4			5700.000	57.763	52.885	-47.437	105.200	4.878	PK
5			5719.525	70.996	66.002	-39.671	110.667	4.993	PK
6			5720.000	67.579	62.582	-43.221	110.800	4.997	PK
7			5723.812	72.889	67.868	-46.603	119.492	5.022	PK
8			5725.000	69.335	64.306	-52.865	122.200	5.029	PK
9			5748.487	101.000	95.825	N/A	N/A	5.175	PK

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

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

Site: AC1	Time: 2017/08/27 - 14:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 + 2 (Beam-Forming Mode)	

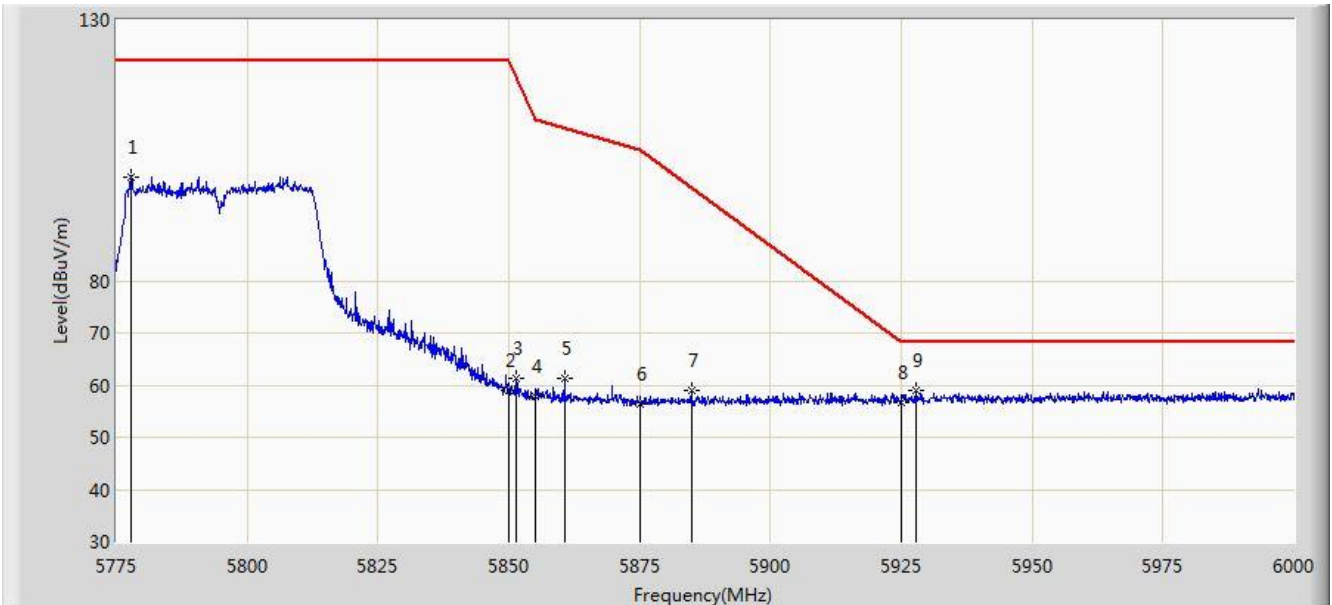


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5792.437	115.638	110.234	N/A	N/A	5.404	PK
2			5850.000	75.240	69.514	-46.960	122.200	5.726	PK
3			5851.612	78.488	72.756	-40.035	118.524	5.732	PK
4			5855.000	72.211	66.465	-38.589	110.800	5.746	PK
5			5860.950	77.518	71.747	-31.614	109.132	5.771	PK
6			5875.000	68.470	62.650	-36.730	105.200	5.820	PK
7			5886.150	71.657	65.799	-25.265	96.922	5.858	PK
8			5925.000	57.785	51.819	-10.415	68.200	5.967	PK
9			5939.587	59.866	53.863	-8.334	68.200	6.003	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: AC1	Time: 2017/08/27 - 14:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 + 2 (Beam-Forming Mode)	

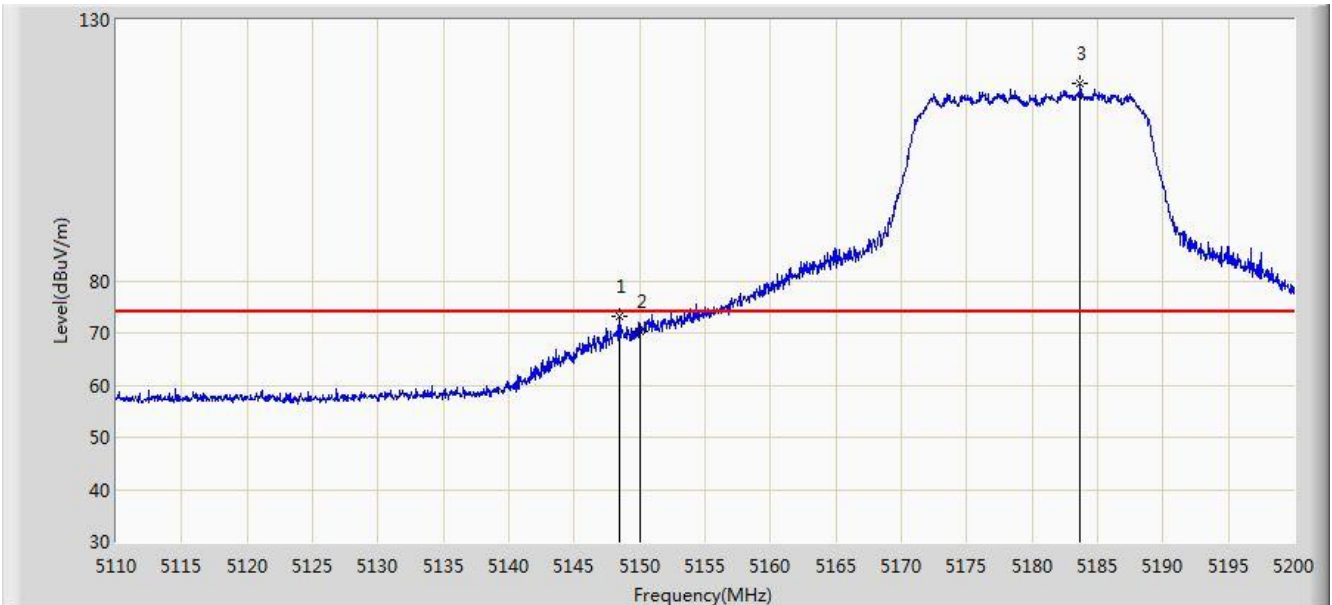


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5777.925	100.000	94.669	N/A	N/A	5.332	PK
2			5850.000	59.012	53.286	-63.188	122.200	5.726	PK
3			5851.388	61.314	55.583	-57.720	119.034	5.731	PK
4			5855.000	57.772	52.026	-53.028	110.800	5.746	PK
5			5860.612	61.266	55.497	-47.960	109.227	5.770	PK
6			5875.000	56.407	50.587	-48.793	105.200	5.820	PK
7			5884.913	58.989	53.135	-38.851	97.839	5.854	PK
8			5925.000	56.710	50.744	-11.490	68.200	5.967	PK
9		*	5927.775	58.998	53.025	-9.202	68.200	5.974	PK

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

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

Site: AC1	Time: 2017/08/27 - 15:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

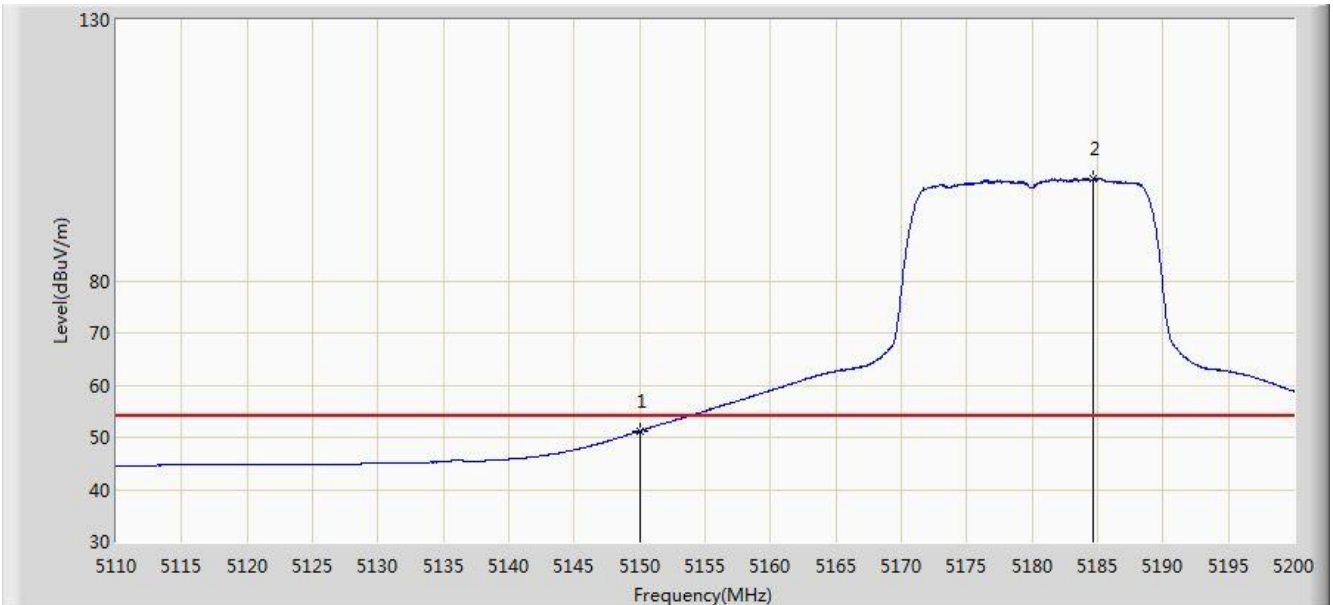


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.430	73.128	68.954	-0.872	74.000	4.174	PK
2			5150.000	70.392	66.223	-3.608	74.000	4.170	PK
3		*	5183.665	117.698	113.642	N/A	N/A	4.056	PK

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

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

Site: AC1	Time: 2017/08/27 - 15:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

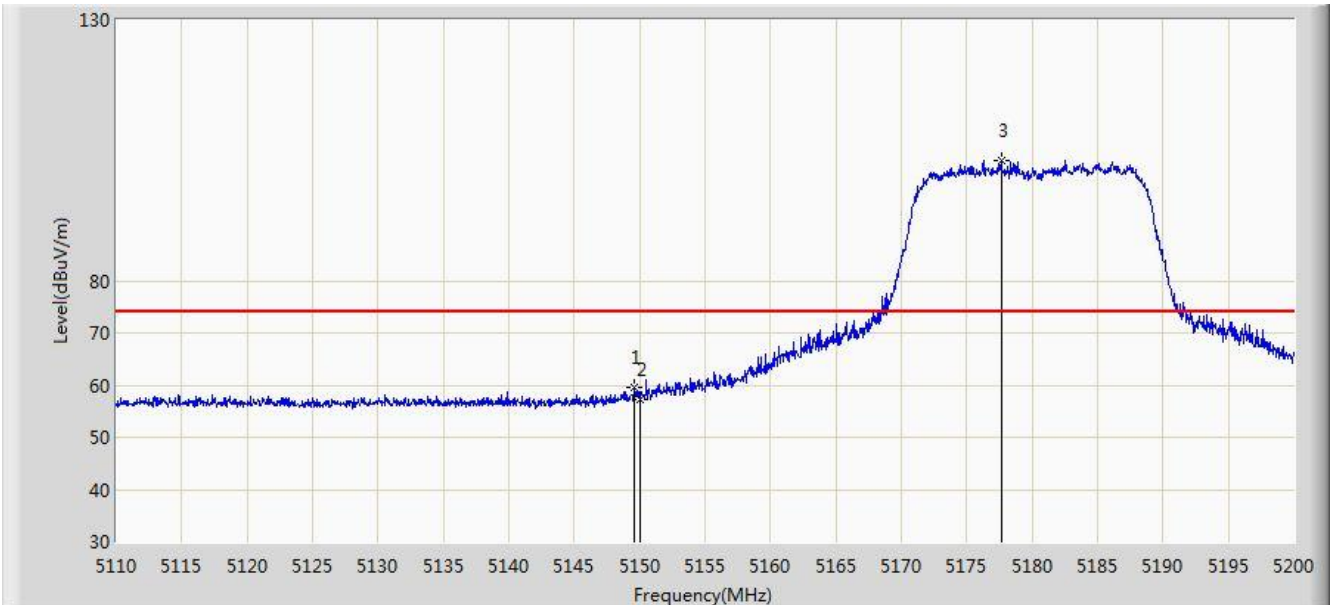


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.264	47.095	-2.736	54.000	4.170	AV
2		*	5184.655	99.593	95.541	N/A	N/A	4.053	AV

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

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

Site: AC1	Time: 2017/08/27 - 15:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

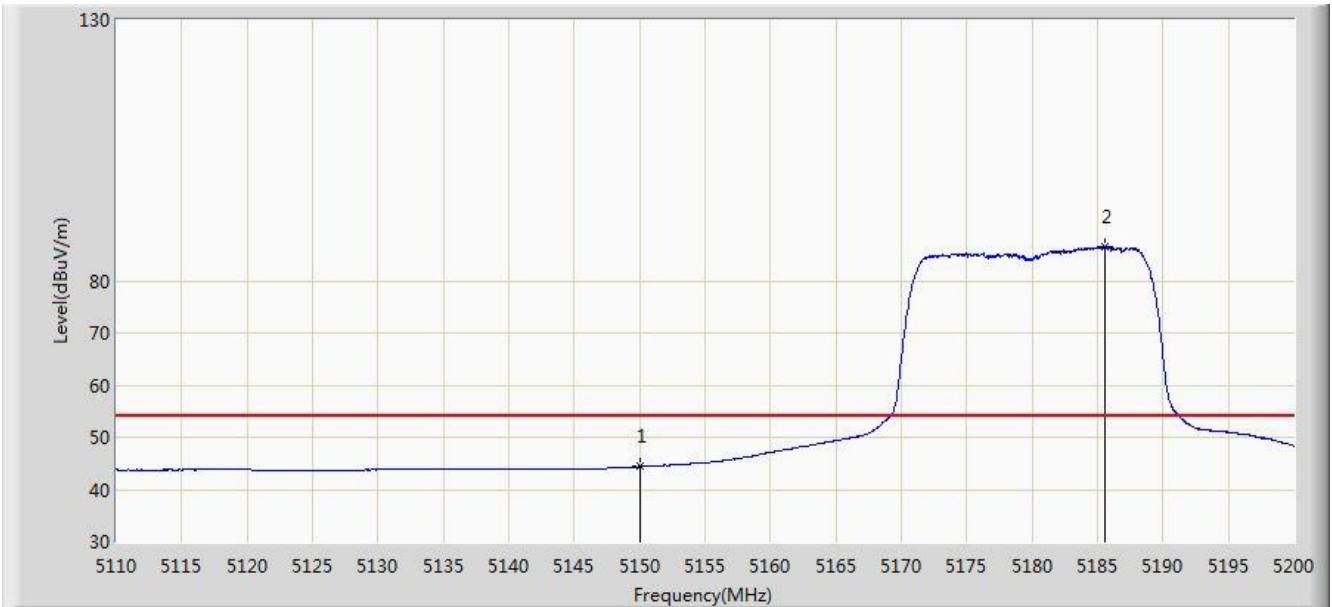


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.555	59.464	55.293	-14.536	74.000	4.170	PK
2			5150.000	57.287	53.118	-16.713	74.000	4.170	PK
3		*	5177.635	103.090	99.013	N/A	N/A	4.077	PK

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

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

Site: AC1	Time: 2017/08/27 - 15:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2 (Beam-Forming Mode)	

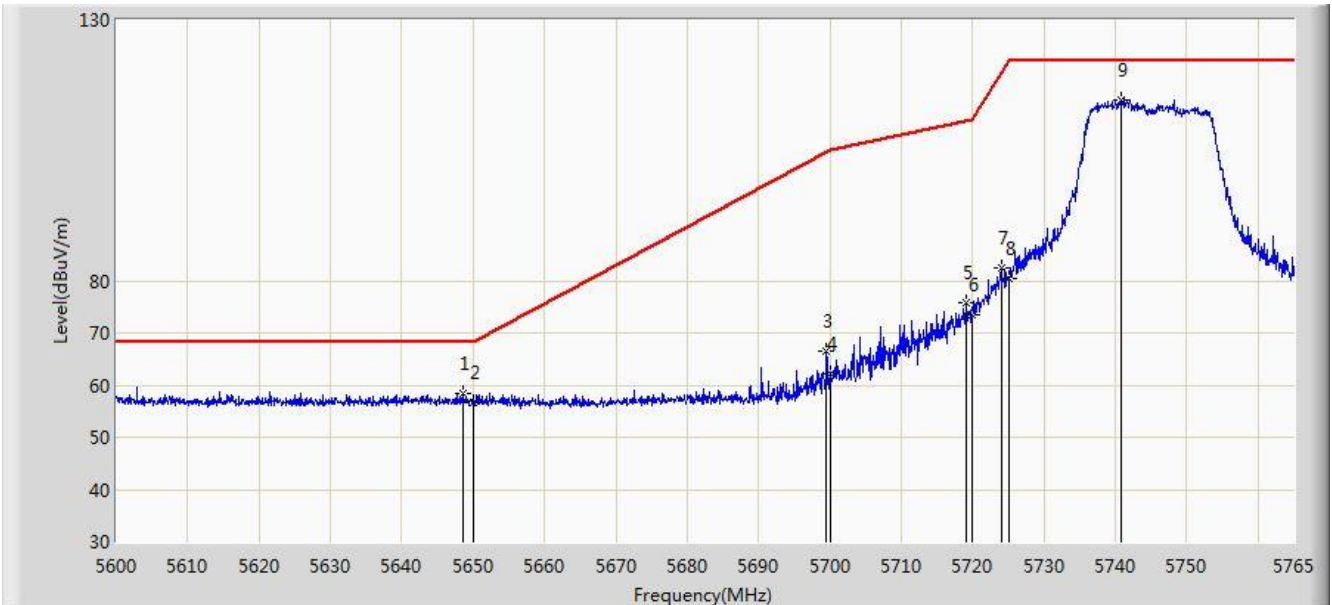


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.382	40.213	-9.618	54.000	4.170	AV
2		*	5185.555	86.416	82.367	N/A	N/A	4.049	AV

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

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

Site: AC1	Time: 2017/08/27 - 15:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 + 2 (Beam-Forming Mode)	

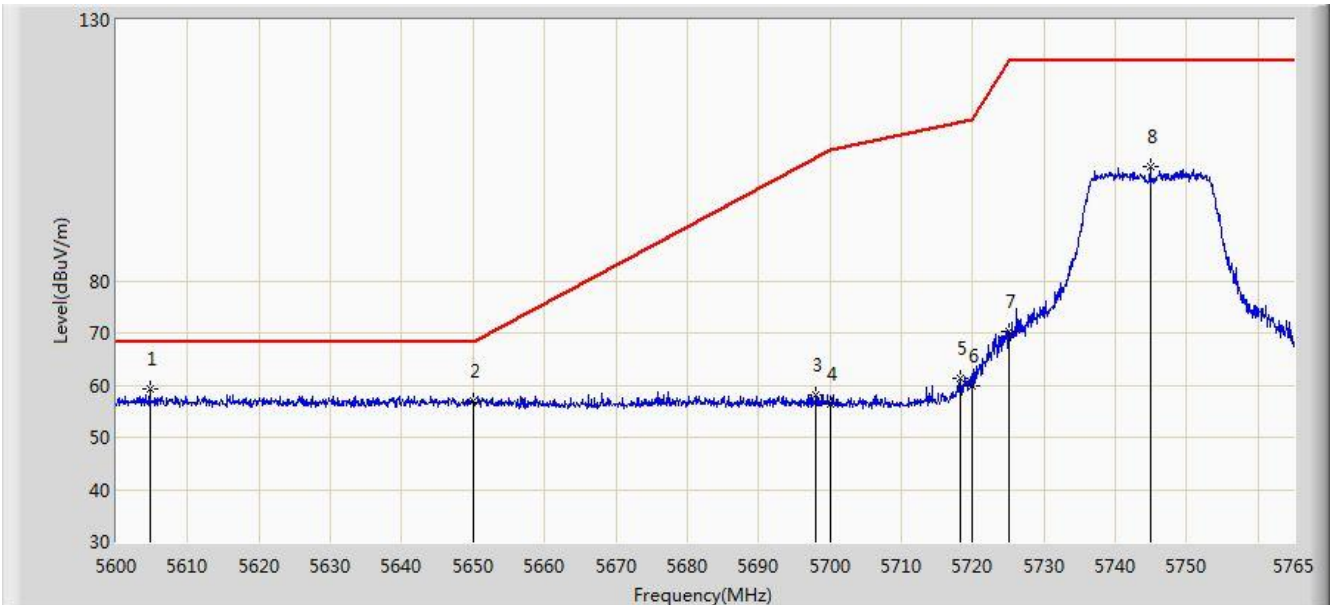


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5648.510	58.547	53.881	-9.653	68.200	4.666	PK
2			5650.000	56.544	51.873	-11.656	68.200	4.671	PK
3			5699.495	66.631	61.755	-38.197	104.828	4.876	PK
4			5700.000	62.157	57.279	-43.043	105.200	4.878	PK
5			5719.047	75.770	70.779	-34.764	110.534	4.990	PK
6			5720.000	73.473	68.476	-37.327	110.800	4.997	PK
7			5723.998	82.560	77.537	-37.357	119.916	5.022	PK
8			5725.000	80.496	75.467	-41.704	122.200	5.029	PK
9		*	5740.828	114.691	109.561	N/A	N/A	5.130	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: AC1	Time: 2017/08/27 - 15:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 + 2 (Beam-Forming Mode)	

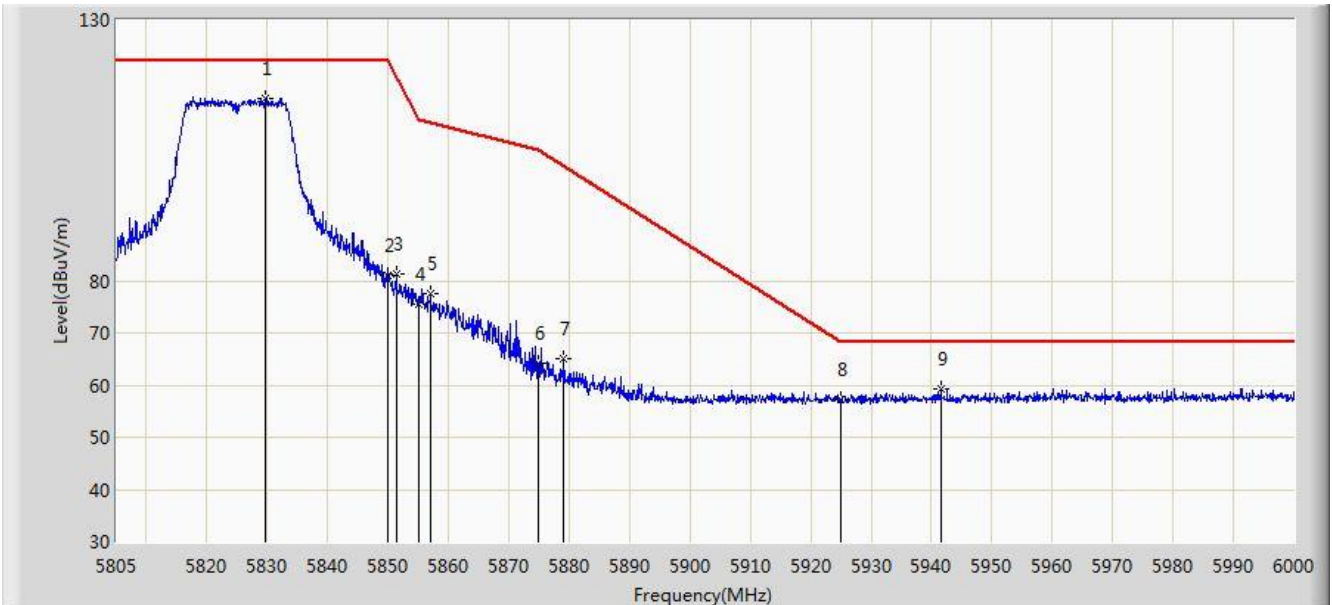


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5604.703	59.381	54.843	-8.819	68.200	4.538	PK
2			5650.000	56.825	52.154	-11.375	68.200	4.671	PK
3			5698.092	58.153	53.285	-45.641	103.794	4.868	PK
4			5700.000	56.360	51.482	-48.840	105.200	4.878	PK
5			5718.223	61.267	56.282	-49.036	110.303	4.985	PK
6			5720.000	59.997	55.000	-50.803	110.800	4.997	PK
7			5725.000	70.164	65.135	-52.036	122.200	5.029	PK
8			5744.870	101.960	96.806	N/A	N/A	5.154	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: AC1	Time: 2017/08/27 - 15:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 + 2 (Beam-Forming Mode)	

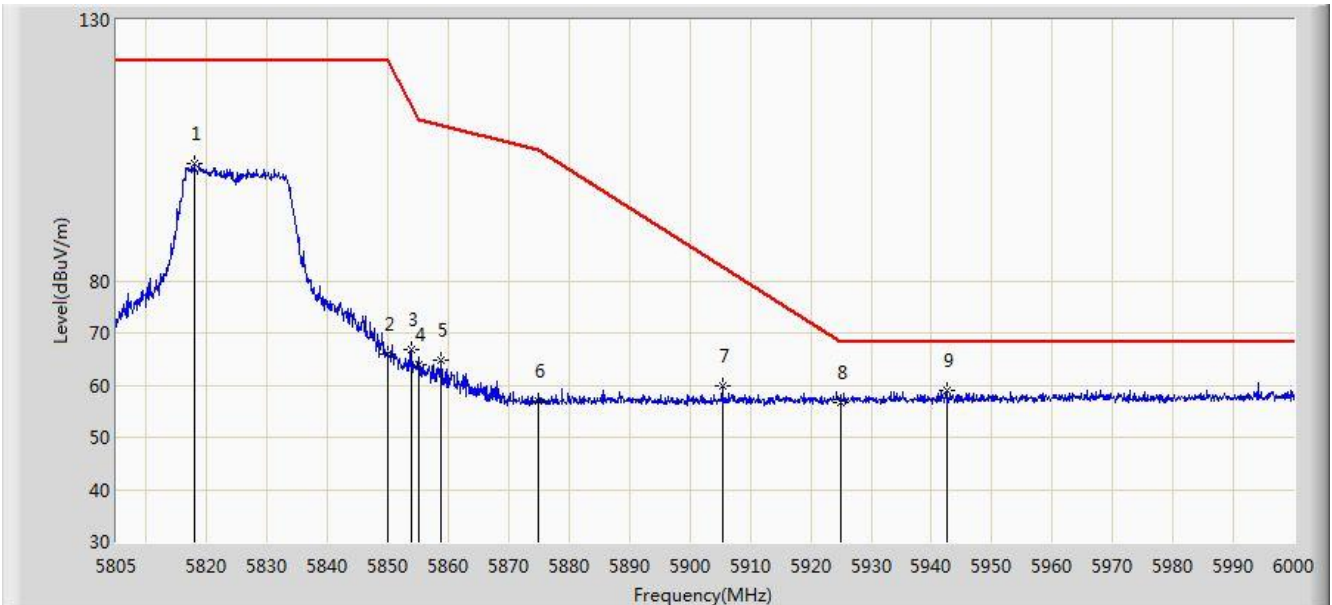


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.667	115.061	109.446	N/A	N/A	5.615	PK
2			5850.000	80.968	75.242	-41.232	122.200	5.726	PK
3			5851.312	81.372	75.641	-37.836	119.208	5.731	PK
4			5855.000	75.371	69.625	-35.429	110.800	5.746	PK
5			5857.065	77.512	71.757	-32.709	110.221	5.755	PK
6			5875.000	64.164	58.344	-41.036	105.200	5.820	PK
7			5879.100	65.015	59.181	-37.139	102.154	5.834	PK
8			5925.000	57.125	51.159	-11.075	68.200	5.967	PK
9			5941.500	59.235	53.228	-8.965	68.200	6.007	PK

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

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

Site: AC1	Time: 2017/08/27 - 16:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 + 2 (Beam-Forming Mode)	

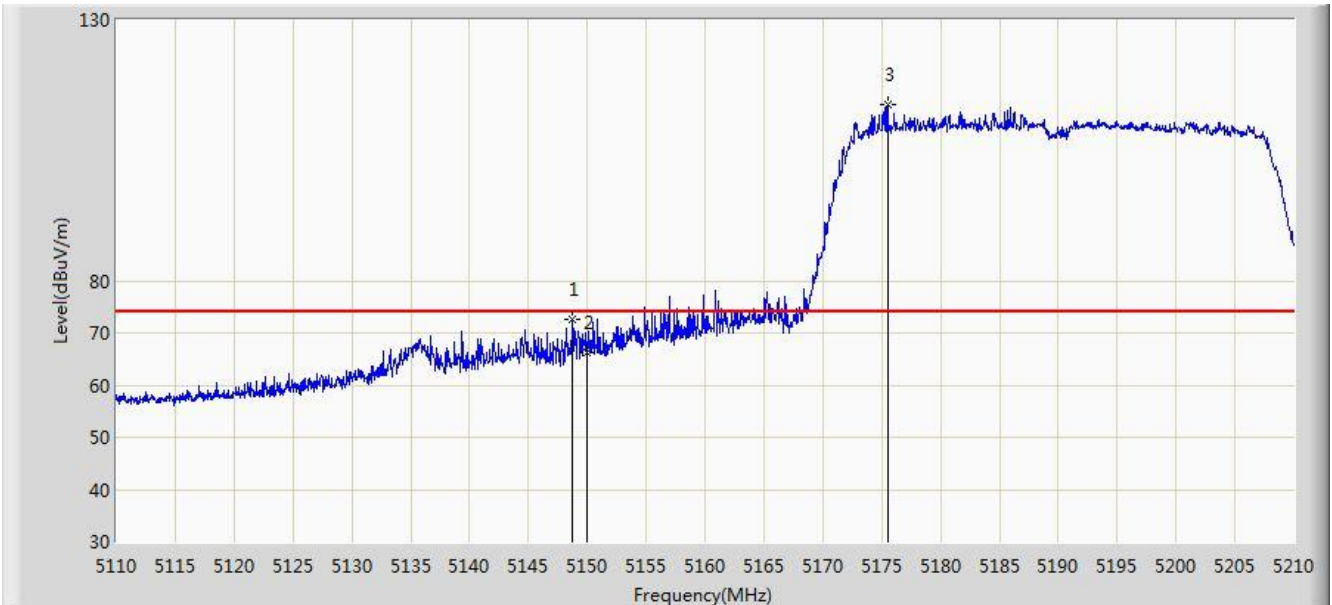


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5817.870	102.366	96.820	N/A	N/A	5.546	PK
2			5850.000	65.889	60.163	-56.311	122.200	5.726	PK
3			5853.750	66.686	60.945	-46.963	113.649	5.741	PK
4			5855.000	64.032	58.286	-46.768	110.800	5.746	PK
5			5858.723	64.922	59.160	-44.834	109.756	5.761	PK
6			5875.000	56.845	51.025	-48.355	105.200	5.820	PK
7			5905.328	59.908	53.991	-22.812	82.720	5.917	PK
8			5925.000	56.756	50.790	-11.444	68.200	5.967	PK
9		*	5942.670	59.071	53.061	-9.129	68.200	6.010	PK

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

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

Site: AC1	Time: 2017/08/27 - 16:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

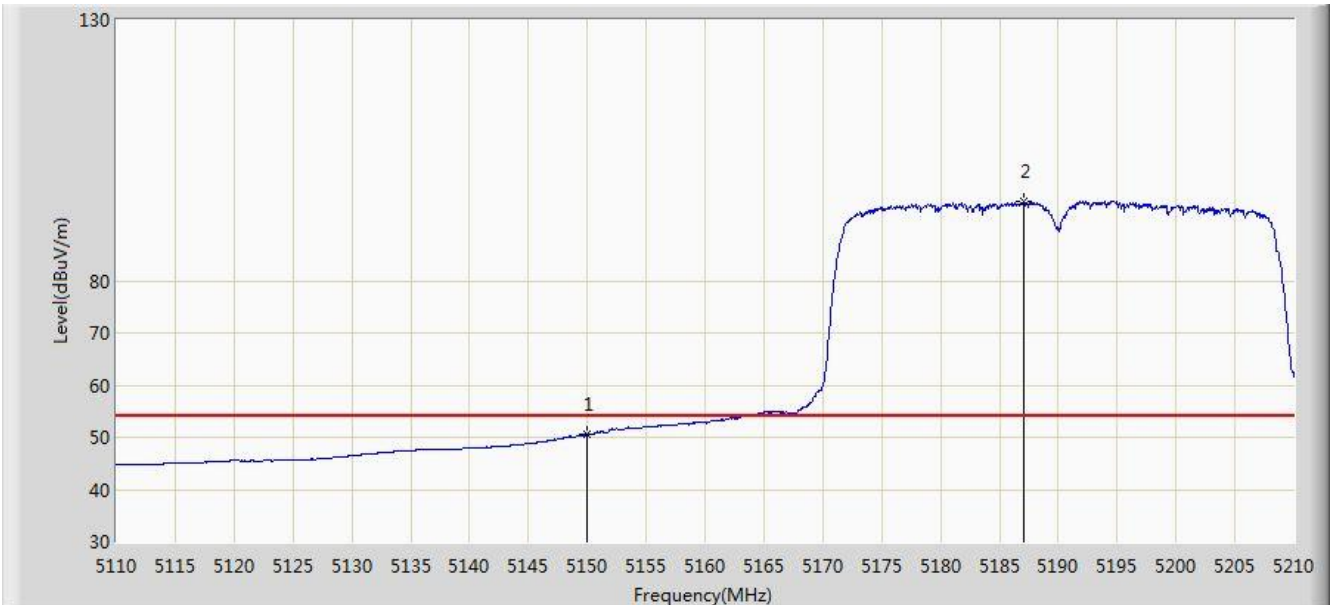


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.750	72.475	68.302	-1.525	74.000	4.174	PK
2			5150.000	66.153	61.984	-7.847	74.000	4.170	PK
3		*	5175.500	113.731	109.646	N/A	N/A	4.084	PK

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

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

Site: AC1	Time: 2017/08/27 - 16:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

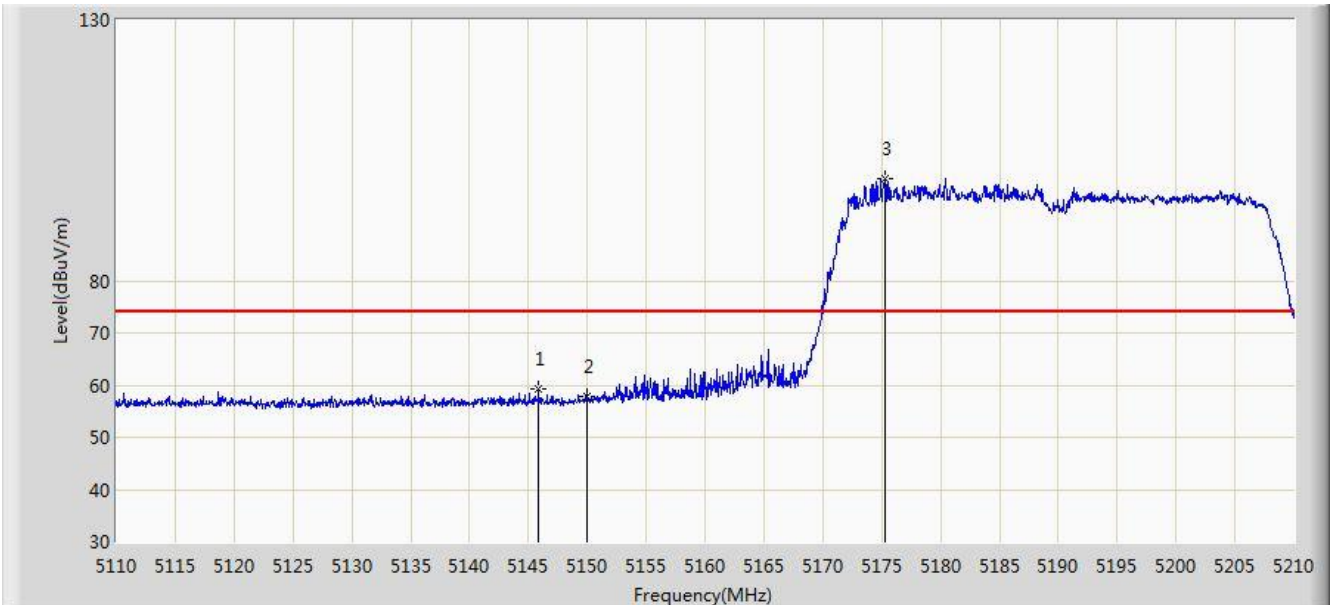


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.627	47.557	-3.373	54.000	3.069	AV
2		*	5187.100	95.075	92.088	N/A	N/A	2.988	AV

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

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

Site: AC1	Time: 2017/08/27 - 16:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

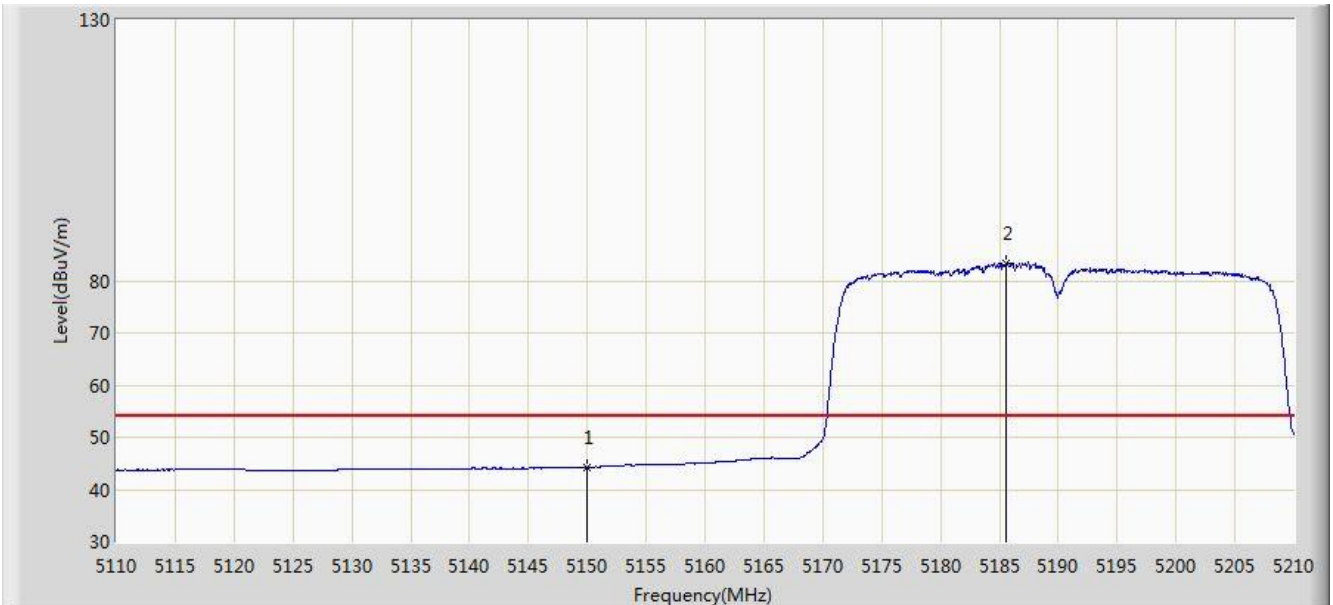


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.850	59.368	56.288	-14.632	74.000	3.080	PK
2			5150.000	57.767	54.697	-16.233	74.000	3.069	PK
3		*	5175.250	99.581	96.557	N/A	N/A	3.024	PK

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

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

Site: AC1	Time: 2017/08/27 - 16:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2 (Beam-Forming Mode)	

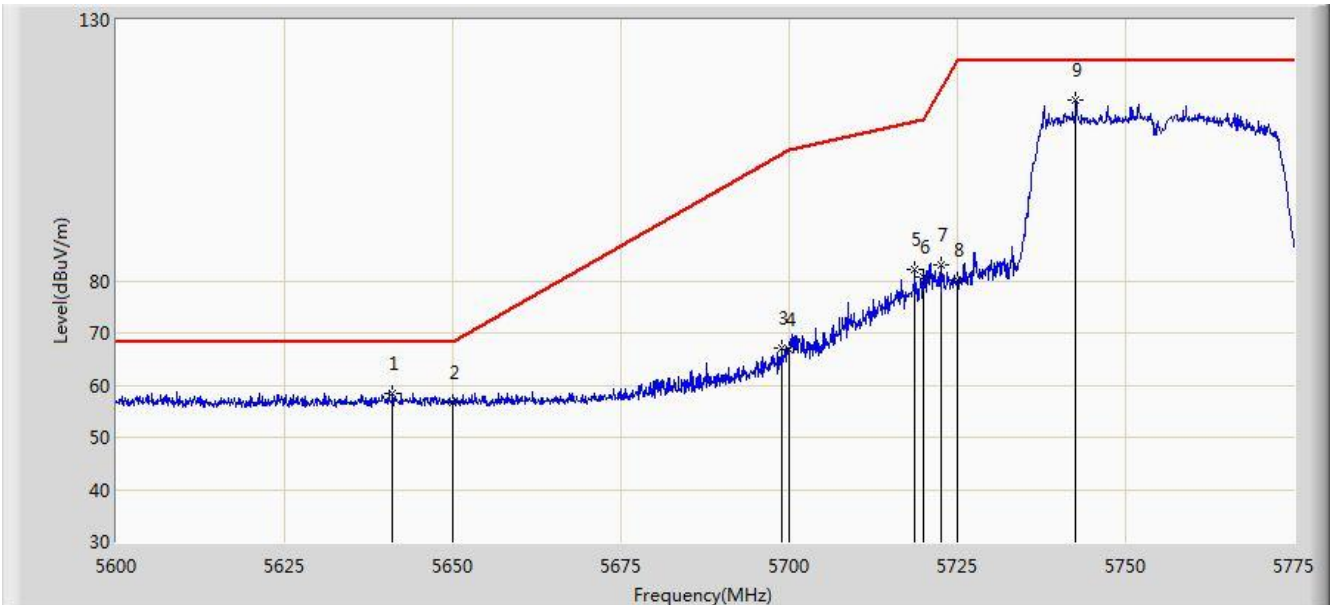


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.308	41.238	-9.692	54.000	3.069	AV
2		*	5185.600	83.292	80.286	N/A	N/A	3.007	AV

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

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

Site: AC1	Time: 2017/08/27 - 17:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 + 2 (Beam-Forming Mode)	

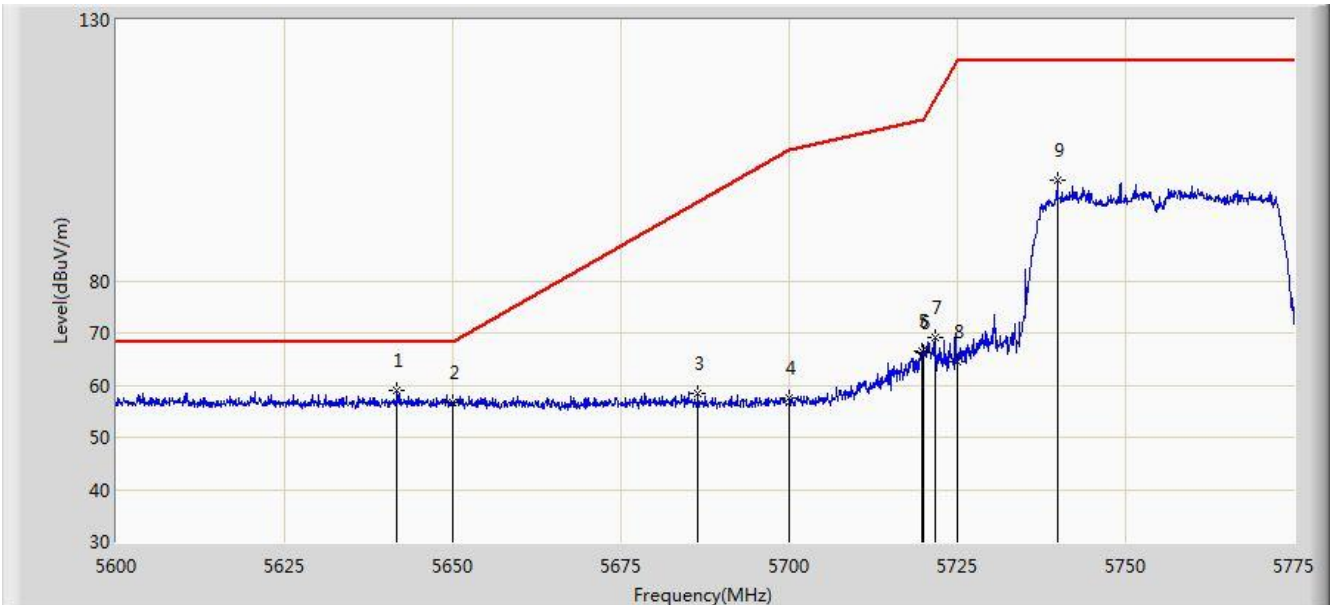


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.038	58.478	53.837	-9.722	68.200	4.641	PK
2			5650.000	56.538	51.867	-11.662	68.200	4.671	PK
3			5698.875	67.173	62.301	-37.198	104.371	4.872	PK
4			5700.000	66.842	61.964	-38.358	105.200	4.878	PK
5			5718.737	82.189	77.200	-28.258	110.447	4.989	PK
6			5720.000	80.680	75.683	-30.120	110.800	4.997	PK
7			5722.675	82.942	77.928	-33.958	116.900	5.014	PK
8			5725.000	80.070	75.041	-42.130	122.200	5.029	PK
9		*	5742.625	114.578	109.437	N/A	N/A	5.142	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: AC1	Time: 2017/08/27 - 17:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 + 2 (Beam-Forming Mode)	

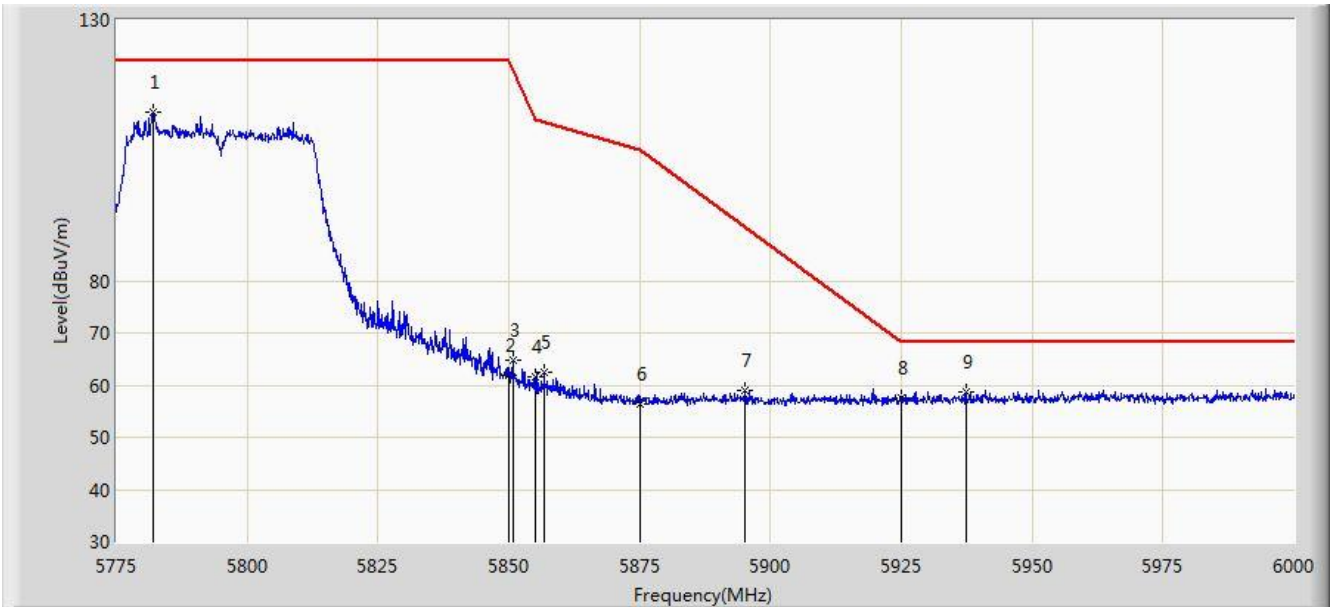


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.737	58.975	54.332	-9.225	68.200	4.643	PK
2			5650.000	56.595	51.924	-11.605	68.200	4.671	PK
3			5686.450	58.515	53.702	-36.690	95.205	4.813	PK
4			5700.000	57.530	52.652	-47.670	105.200	4.878	PK
5			5719.788	66.586	61.590	-44.155	110.741	4.995	PK
6			5720.000	66.233	61.236	-44.567	110.800	4.997	PK
7			5721.712	69.087	64.079	-45.618	114.704	5.008	PK
8			5725.000	64.525	59.496	-57.675	122.200	5.029	PK
9			5739.825	99.400	94.277	N/A	N/A	5.123	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: AC1	Time: 2017/08/27 - 17:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 + 2 (Beam-Forming Mode)	

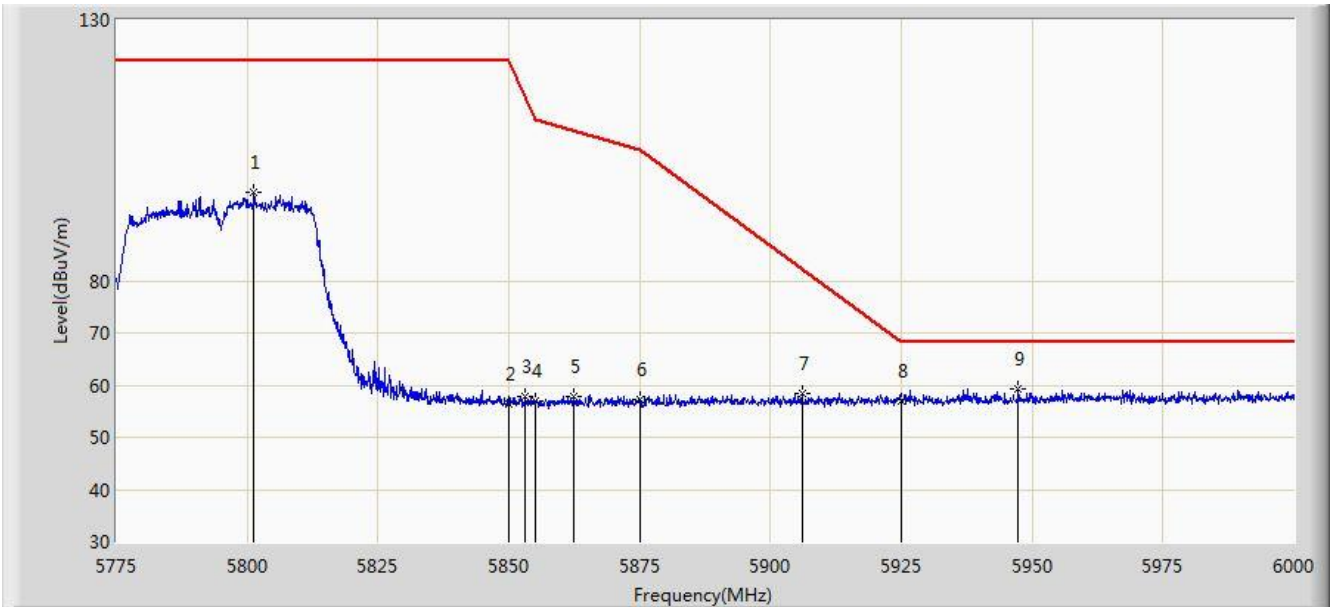


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5782.087	112.422	107.070	N/A	N/A	5.352	PK
2			5850.000	62.021	56.295	-60.179	122.200	5.726	PK
3			5850.712	64.698	58.970	-55.878	120.576	5.729	PK
4			5855.000	61.529	55.783	-49.271	110.800	5.746	PK
5			5856.788	62.474	56.720	-47.825	110.299	5.754	PK
6			5875.000	56.428	50.608	-48.772	105.200	5.820	PK
7			5895.038	59.081	53.192	-31.254	90.334	5.889	PK
8			5925.000	57.467	51.501	-10.733	68.200	5.967	PK
9		*	5937.337	58.738	52.741	-9.462	68.200	5.997	PK

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

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

Site: AC1	Time: 2017/08/27 - 17:52
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 + 2 (Beam-Forming Mode)	

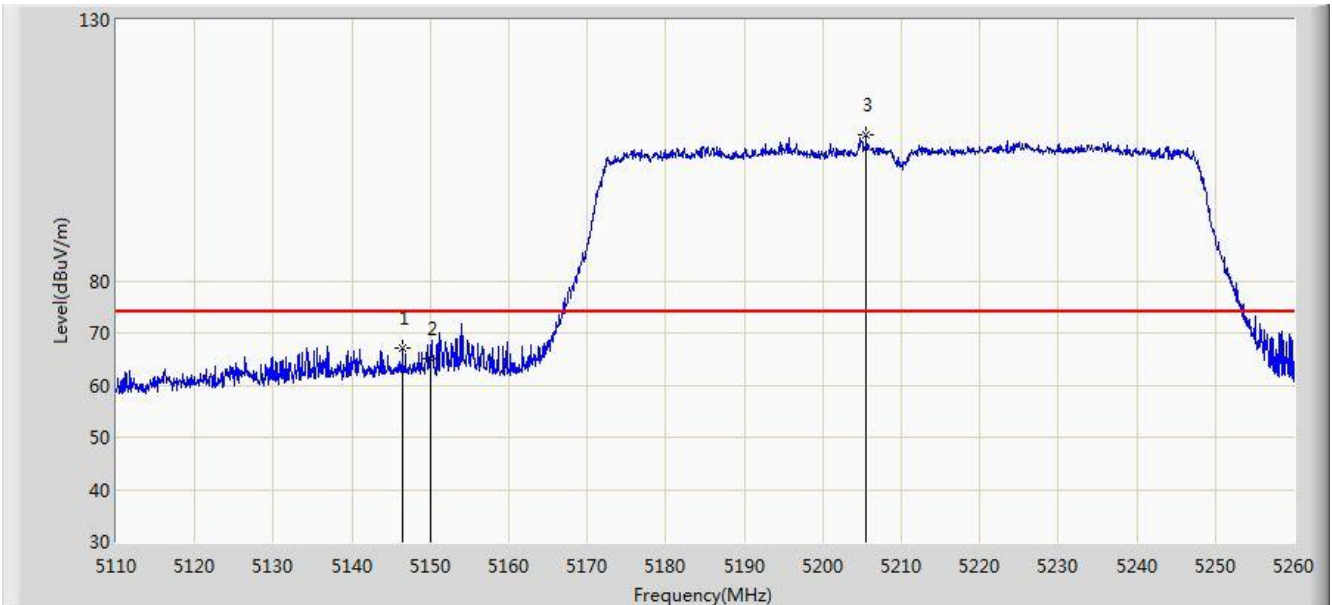


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5801.212	97.013	91.561	N/A	N/A	5.452	PK
2			5850.000	56.451	50.725	-65.749	122.200	5.726	PK
3			5853.187	57.870	52.131	-57.063	114.933	5.739	PK
4			5855.000	56.904	51.158	-53.896	110.800	5.746	PK
5			5862.300	57.905	52.129	-50.849	108.754	5.776	PK
6			5875.000	57.193	51.373	-48.007	105.200	5.820	PK
7			5906.062	58.270	52.351	-23.907	82.177	5.919	PK
8			5925.000	57.016	51.050	-11.184	68.200	5.967	PK
9		*	5947.350	59.136	53.115	-9.064	68.200	6.021	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: AC1	Time: 2017/08/27 - 18:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2 (Beam-Forming Mode)	

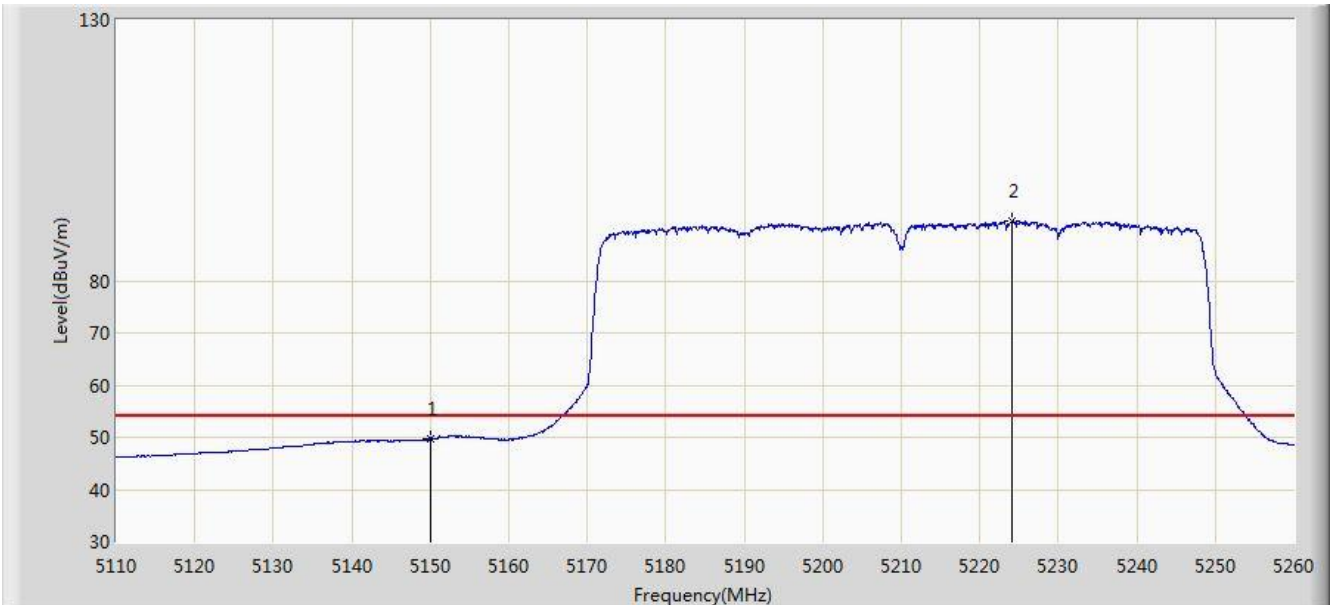


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.450	67.114	62.938	-6.886	74.000	4.176	PK
2			5150.000	64.934	60.765	-9.066	74.000	4.170	PK
3		*	5205.550	107.840	103.858	N/A	N/A	3.982	PK

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

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

Site: AC1	Time: 2017/08/27 - 18:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2 (Beam-Forming Mode)	

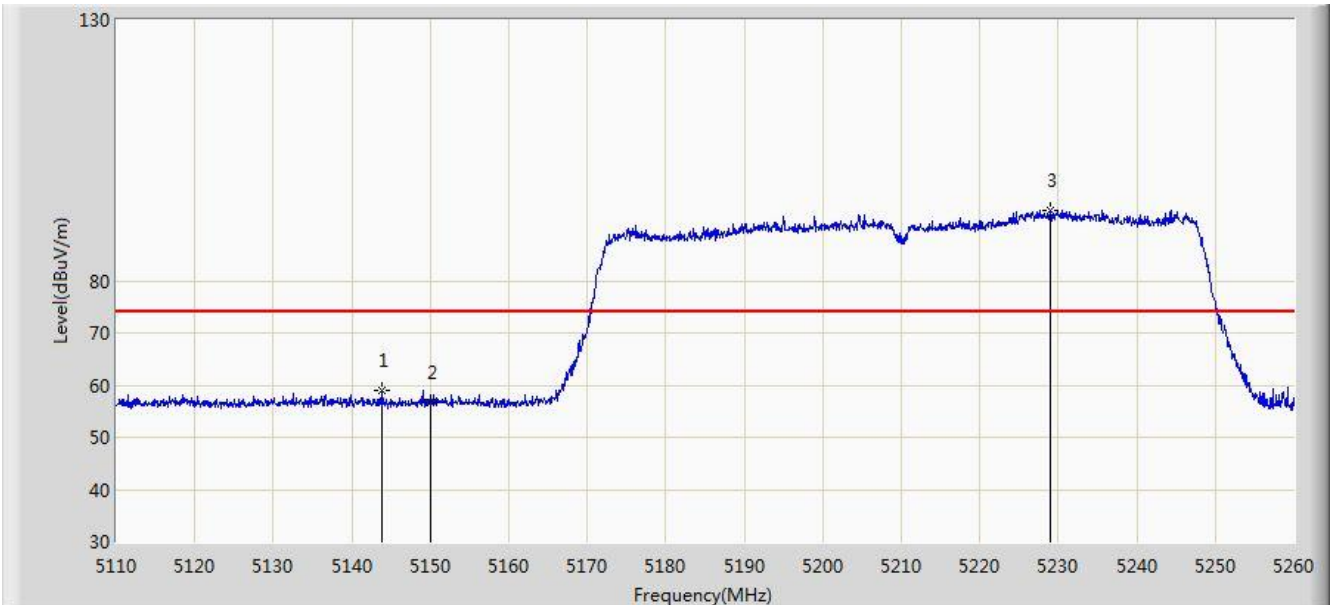


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.769	45.600	-4.231	54.000	4.170	AV
2		*	5224.150	91.368	87.441	N/A	N/A	3.927	AV

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

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

Site: AC1	Time: 2017/08/27 - 18:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2 (Beam-Forming Mode)	

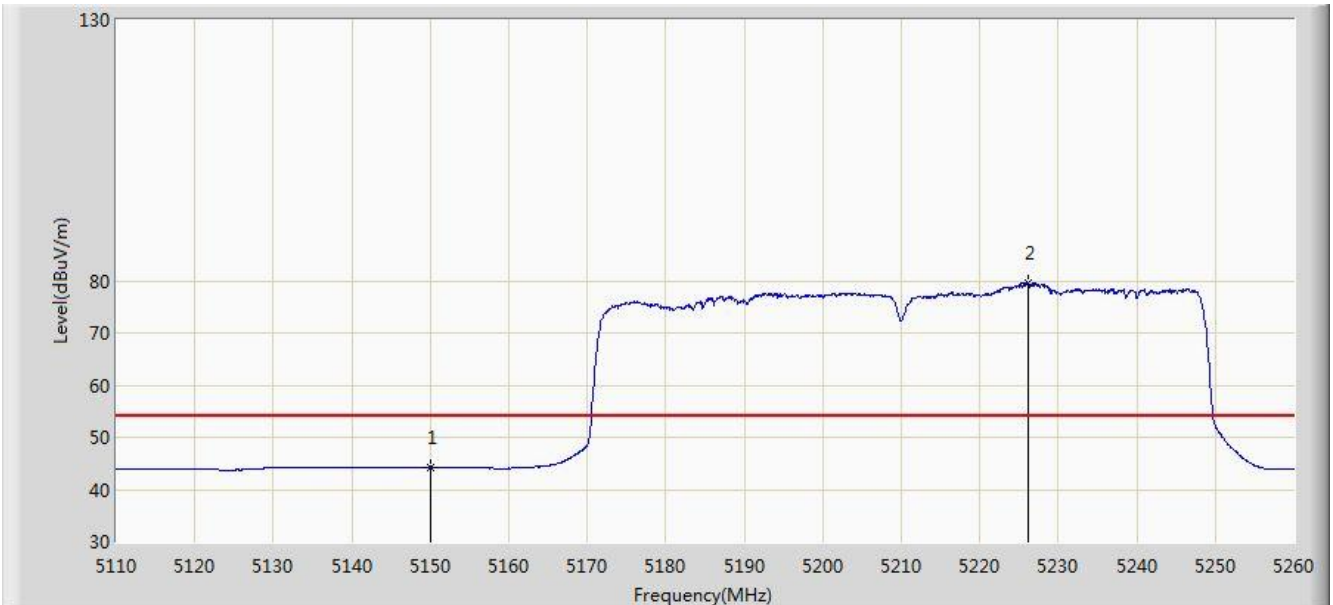


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.750	58.993	54.817	-15.007	74.000	4.175	PK
2			5150.000	56.550	52.381	-17.450	74.000	4.170	PK
3		*	5229.025	93.562	89.650	N/A	N/A	3.913	PK

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

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

Site: AC1	Time: 2017/08/27 - 18:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2 (Beam-Forming Mode)	

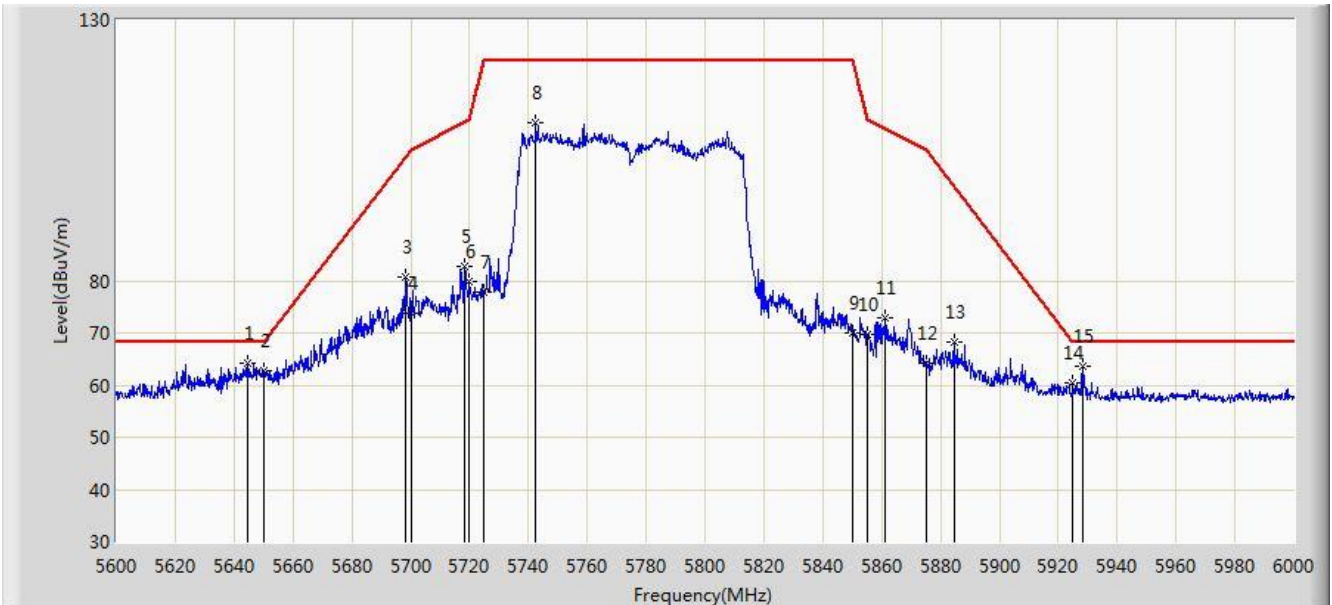


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.333	40.164	-9.667	54.000	4.170	AV
2		*	5226.175	79.552	75.631	N/A	N/A	3.920	AV

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

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

Site: AC1	Time: 2017/08/27 - 18:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 + 2 (Beam-Forming Mode)	

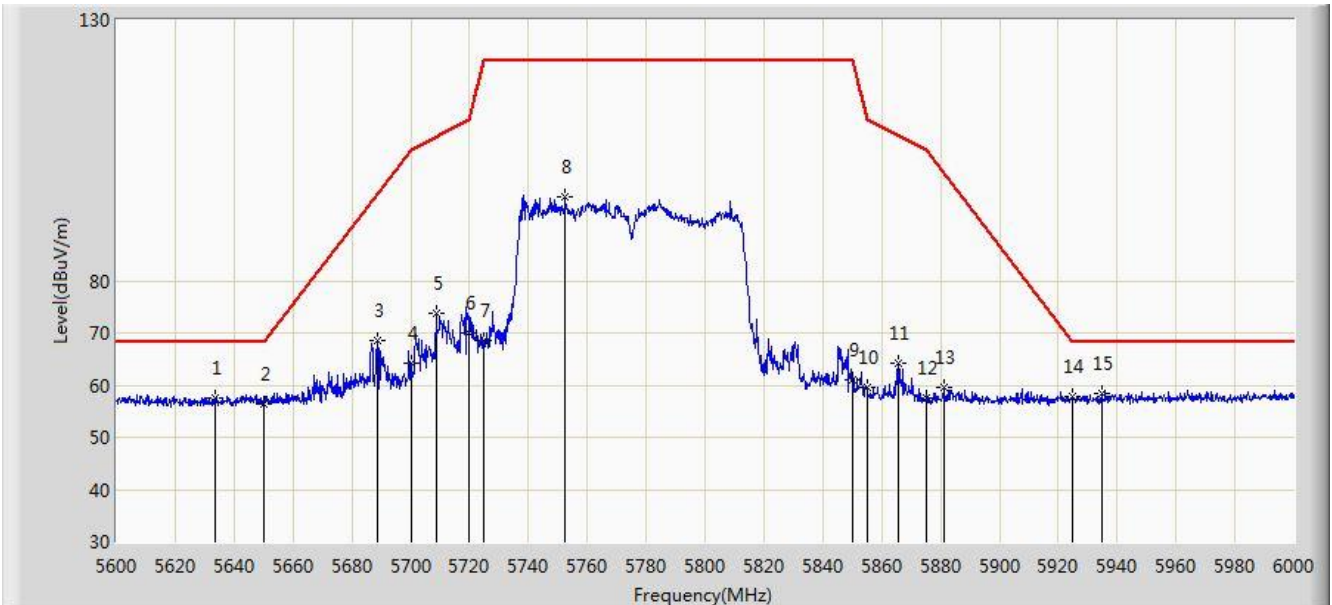


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.600	64.245	59.592	-3.955	68.200	4.654	PK
2			5650.000	62.714	58.043	-5.486	68.200	4.671	PK
3			5698.400	80.610	75.740	-23.411	104.021	4.870	PK
4			5700.000	73.883	69.005	-31.317	105.200	4.878	PK
5			5718.400	82.658	77.671	-27.695	110.353	4.986	PK
6			5720.000	79.759	74.762	-31.041	110.800	4.997	PK
7			5725.000	77.755	72.726	-44.445	122.200	5.029	PK
8			5742.600	110.282	105.141	N/A	N/A	5.140	PK
9			5850.000	70.093	64.367	-52.107	122.200	5.726	PK
10			5855.000	69.719	63.973	-41.081	110.800	5.746	PK
11			5861.400	72.987	67.214	-36.019	109.006	5.772	PK
12			5875.000	64.345	58.525	-40.855	105.200	5.820	PK
13			5884.600	68.181	62.328	-29.891	98.072	5.853	PK
14			5925.000	60.510	54.544	-7.690	68.200	5.967	PK
15			5928.200	63.497	57.523	-4.703	68.200	5.975	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: AC1	Time: 2017/08/27 - 18:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220 Wi-Fi AP OD small omni antenna US	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 + 2 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5633.400	57.505	52.886	-10.695	68.200	4.618	PK
2			5650.000	56.497	51.826	-11.703	68.200	4.671	PK
3			5688.800	68.433	63.610	-28.508	96.940	4.823	PK
4			5700.000	64.090	59.212	-41.110	105.200	4.878	PK
5			5708.600	73.845	68.921	-33.765	107.610	4.924	PK
6			5720.000	70.023	65.026	-40.777	110.800	4.997	PK
7			5725.000	68.447	63.418	-53.753	122.200	5.029	PK
8			5752.400	96.037	90.840	N/A	N/A	5.197	PK
9			5850.000	60.906	55.180	-61.294	122.200	5.726	PK
10			5855.000	59.704	53.958	-51.096	110.800	5.746	PK
11			5865.800	64.123	58.335	-43.650	107.774	5.788	PK
12			5875.000	57.539	51.719	-47.661	105.200	5.820	PK
13			5881.200	59.661	53.820	-40.934	100.595	5.841	PK
14			5925.000	57.685	51.719	-10.515	68.200	5.967	PK
15		*	5934.800	58.461	52.470	-9.739	68.200	5.991	PK

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

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

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
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.

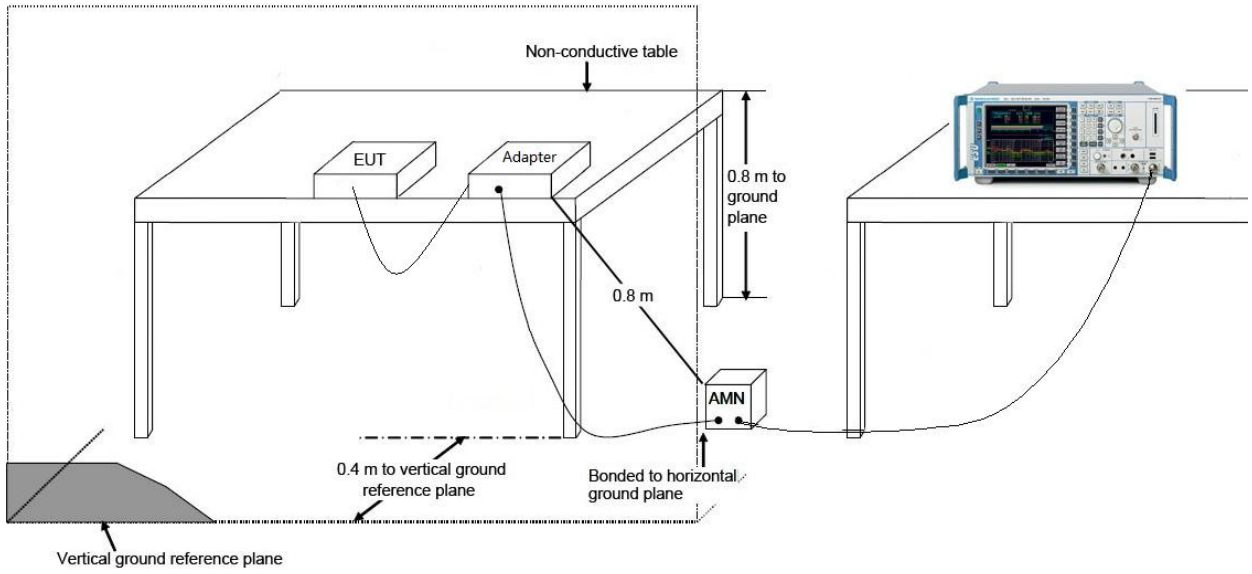
7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

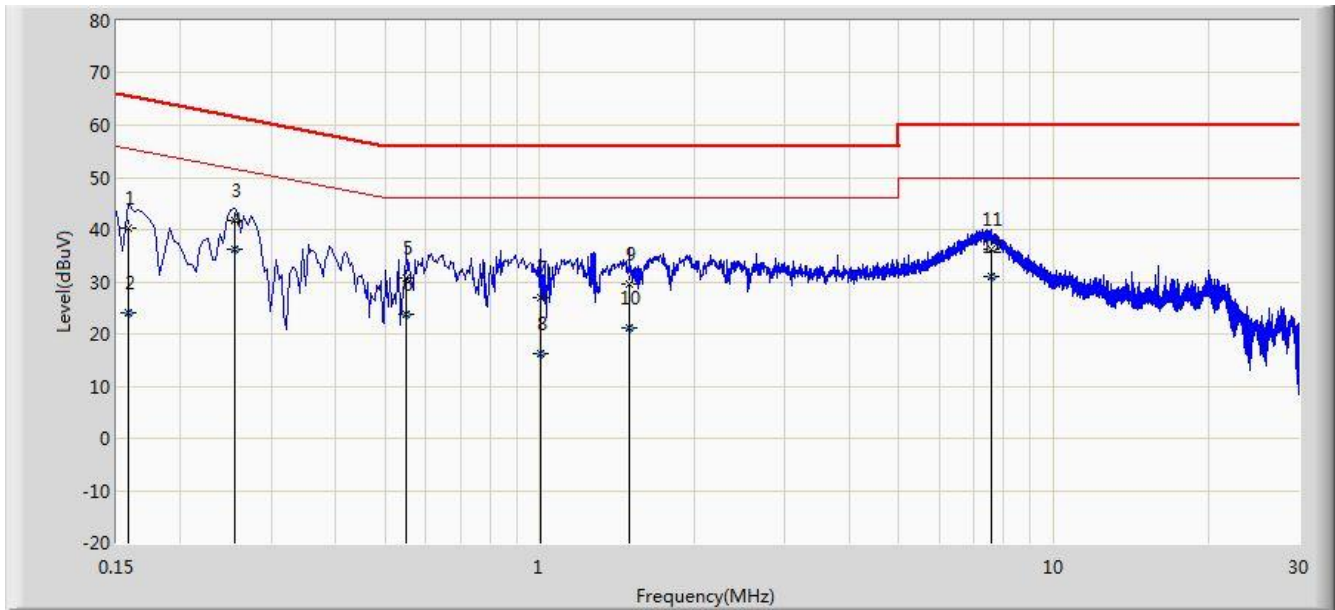
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2017/08/27 - 19:42
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: AC220 Wi-Fi AP OD external antenna US	Power: AC 120V/60Hz
Test Mode: Mode 1	

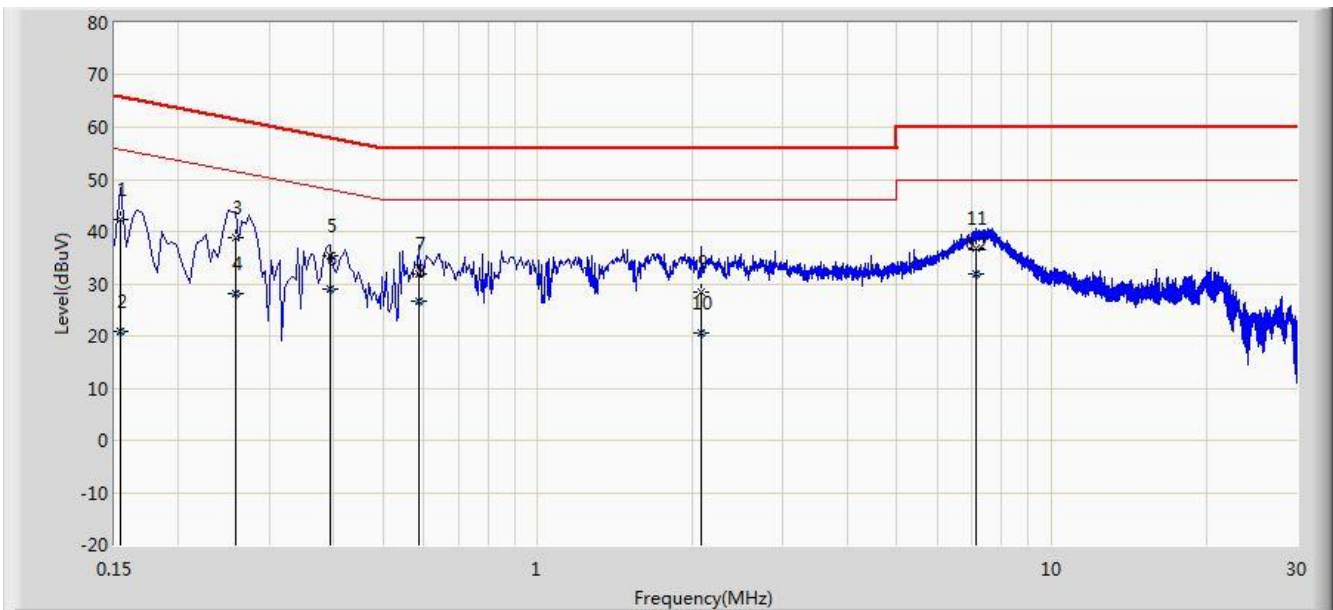


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.158	40.288	29.977	-25.280	65.568	10.311	QP
2			0.158	24.080	13.769	-31.488	55.568	10.311	AV
3			0.254	41.716	31.749	-19.909	61.625	9.967	QP
4		*	0.254	36.144	26.177	-15.481	51.625	9.967	AV
5			0.550	30.836	20.696	-25.164	56.000	10.141	QP
6			0.550	23.764	13.623	-22.236	46.000	10.141	AV
7			1.006	27.076	17.168	-28.924	56.000	9.909	QP
8			1.006	16.254	6.346	-29.746	46.000	9.909	AV
9			1.494	29.518	19.629	-26.482	56.000	9.889	QP
10			1.494	21.042	11.153	-24.958	46.000	9.889	AV
11			7.550	36.159	25.992	-23.841	60.000	10.167	QP
12			7.550	31.073	20.906	-18.927	50.000	10.167	AV

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

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

Site: SR2	Time: 2017/08/27 - 19:51
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AC220 Wi-Fi AP OD external antenna US	Power: AC 120V/60Hz
Test Mode: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	42.422	31.706	-23.359	65.781	10.716	QP
2			0.154	20.977	10.261	-34.805	55.781	10.716	AV
3			0.258	38.720	28.713	-22.775	61.496	10.007	QP
4			0.258	27.972	17.965	-23.523	51.496	10.007	AV
5			0.394	35.368	25.261	-22.611	57.979	10.108	QP
6			0.394	29.105	18.998	-18.874	47.979	10.108	AV
7			0.586	31.948	21.809	-24.052	56.000	10.139	QP
8			0.586	26.605	16.467	-19.395	46.000	10.139	AV
9			2.078	28.374	18.502	-27.626	56.000	9.872	QP
10			2.078	20.645	10.773	-25.355	46.000	9.872	AV
11			7.150	36.913	26.741	-23.087	60.000	10.172	QP
12		*	7.150	31.838	21.666	-18.162	50.000	10.172	AV

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

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **AC220 Wi-Fi AP OD directional antenna US, AC220 Wi-Fi AP OD external antenna US, AC220 Wi-Fi AP OD small omni antenna US** is in compliance with Part 15E of the FCC Rules.

_____ The End _____