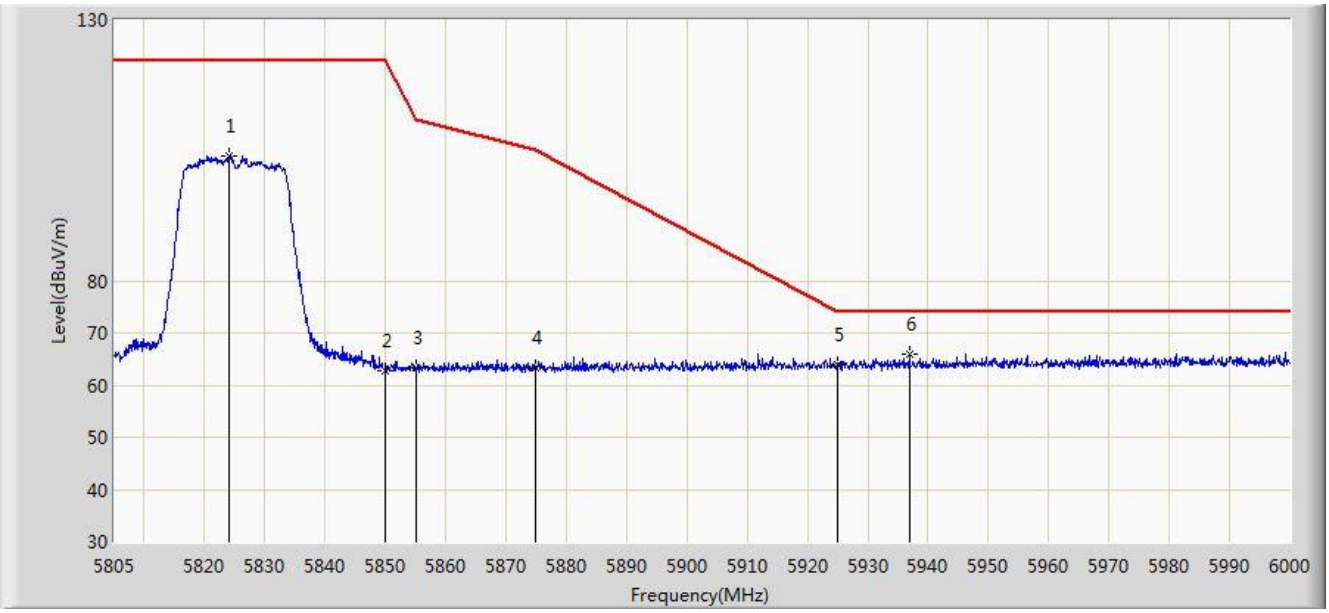
Site: AC1	Time: 2017/03/22 - 23:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 3	

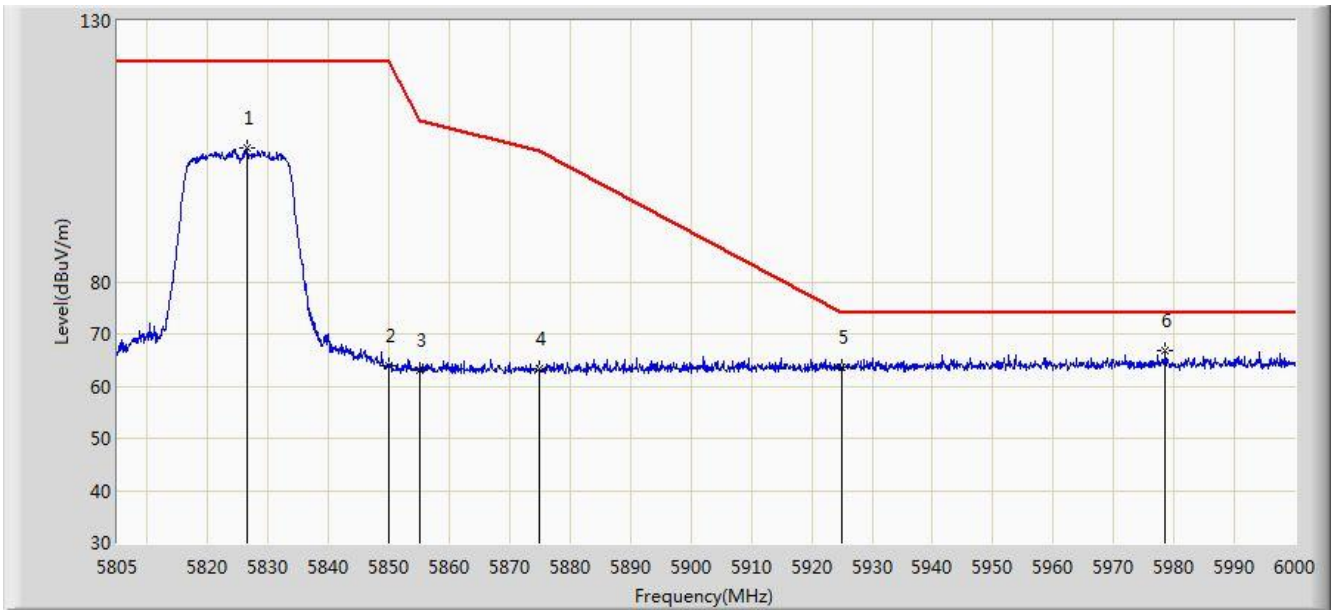


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.013	103.905	63.341	N/A	N/A	40.563	PK
2			5850.000	62.635	21.969	-59.565	122.200	40.666	PK
3			5855.000	63.212	22.534	-47.588	110.800	40.678	PK
4			5875.000	63.227	22.507	-41.973	105.200	40.720	PK
5			5925.000	63.944	23.152	-10.056	74.000	40.792	PK
6		*	5936.917	65.936	25.132	-8.064	74.000	40.804	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:33
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 3	

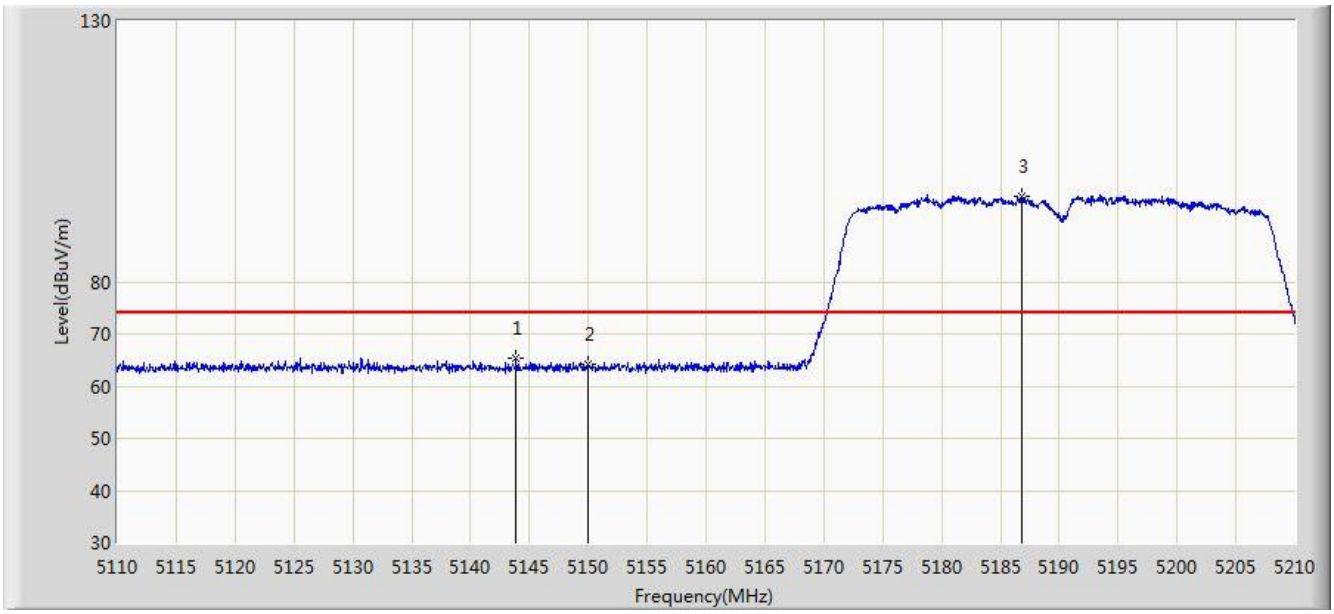


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.450	105.562	64.988	N/A	N/A	40.574	PK
2			5850.000	63.851	23.185	-58.349	122.200	40.666	PK
3			5855.000	63.080	22.402	-47.720	110.800	40.678	PK
4			5875.000	63.354	22.634	-41.846	105.200	40.720	PK
5			5925.000	63.571	22.779	-10.429	74.000	40.792	PK
6		*	5978.550	66.825	25.994	-7.175	74.000	40.831	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 3	

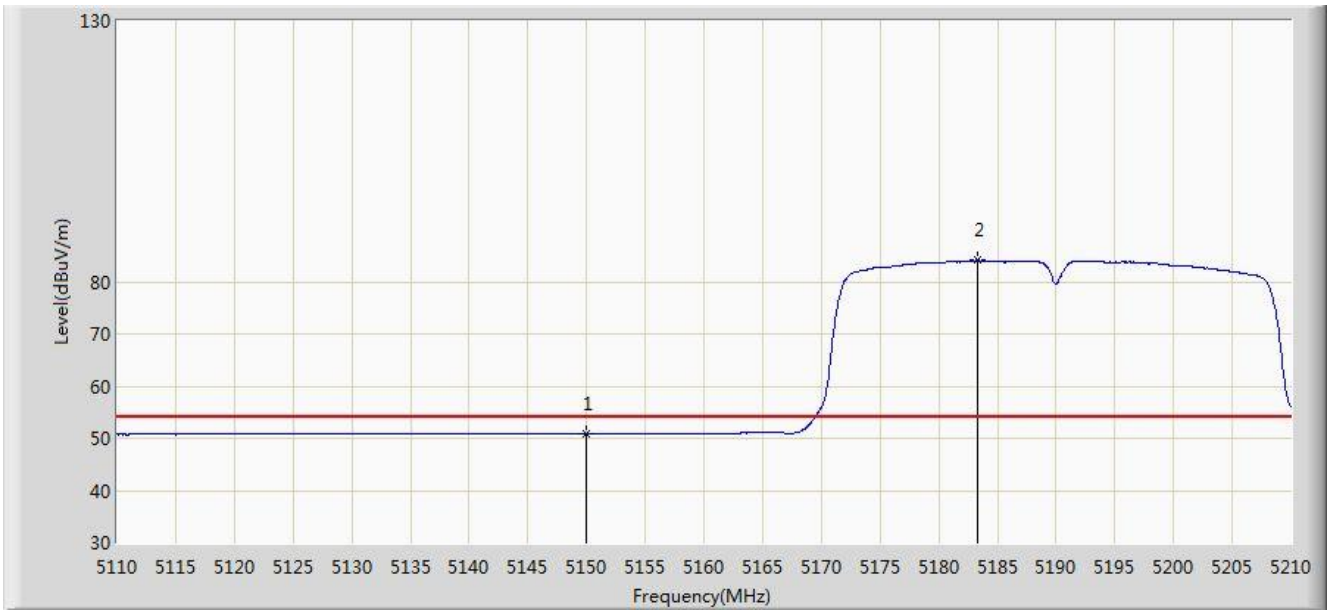


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.850	65.244	25.798	-8.756	74.000	39.446	PK
2			5150.000	64.269	24.828	-9.731	74.000	39.442	PK
3		*	5186.850	96.401	57.049	N/A	N/A	39.351	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 3	

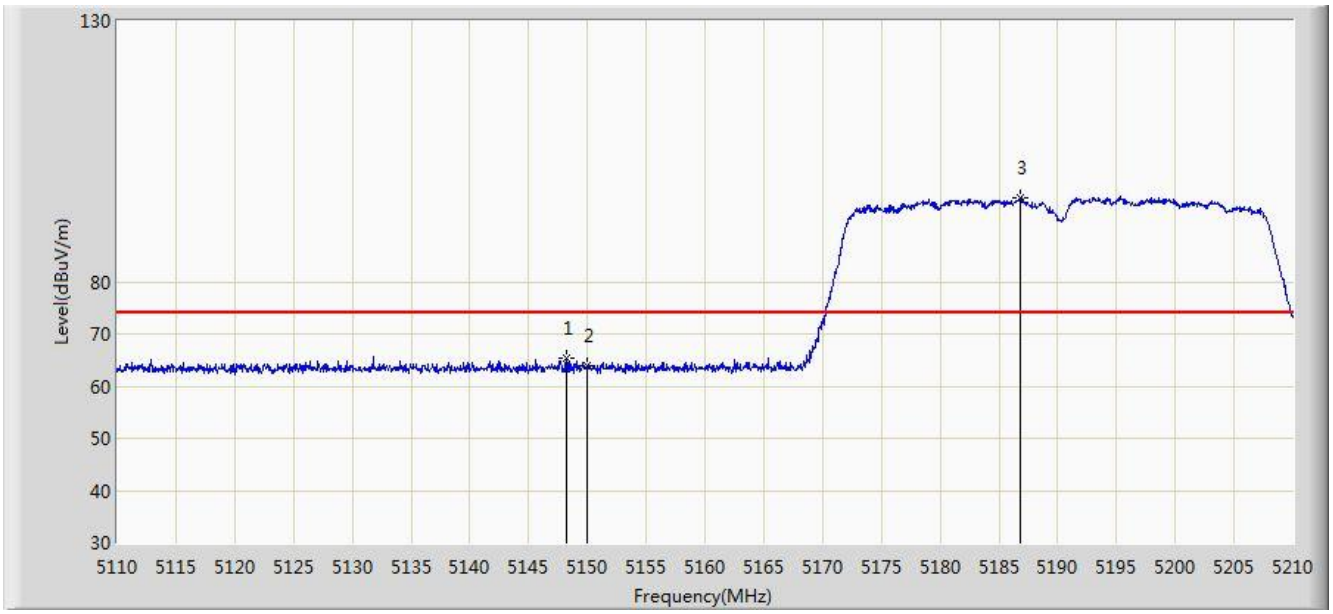


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.840	11.399	-3.160	54.000	39.442	AV
2		*	5183.350	84.134	44.773	N/A	N/A	39.360	AV

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

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

Site: AC1	Time: 2017/03/22 - 23:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 3	

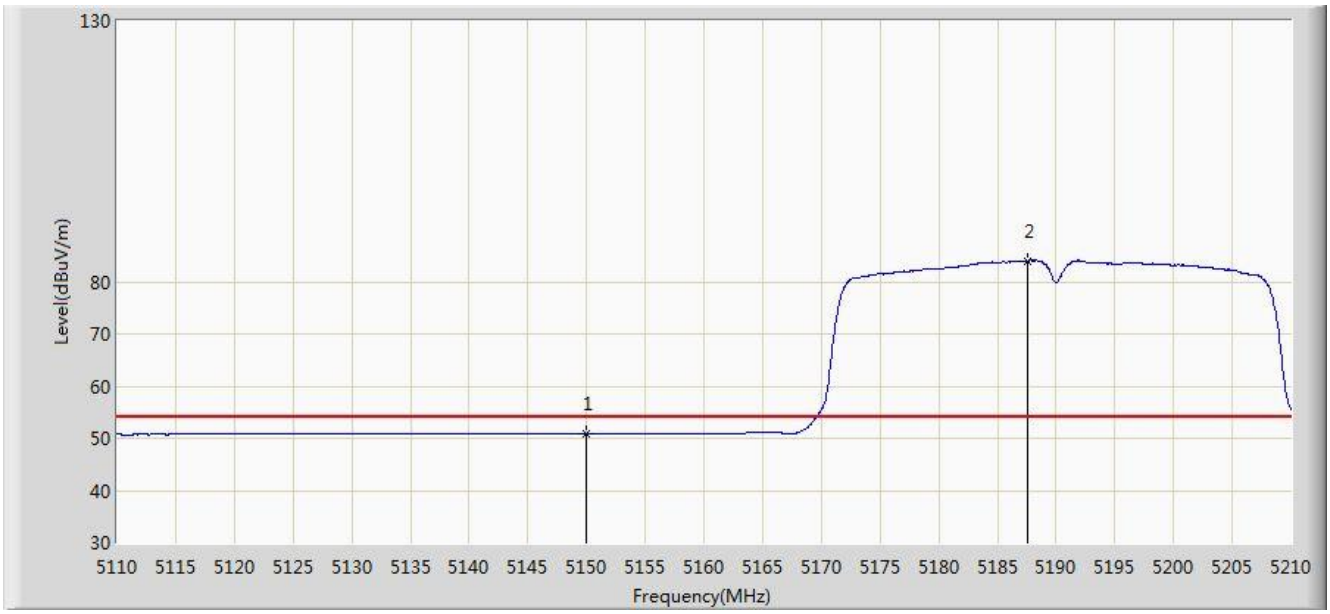


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.200	65.236	25.790	-8.764	74.000	39.445	PK
2			5150.000	64.027	24.586	-9.973	74.000	39.442	PK
3		*	5186.850	96.179	56.827	N/A	N/A	39.351	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 3	

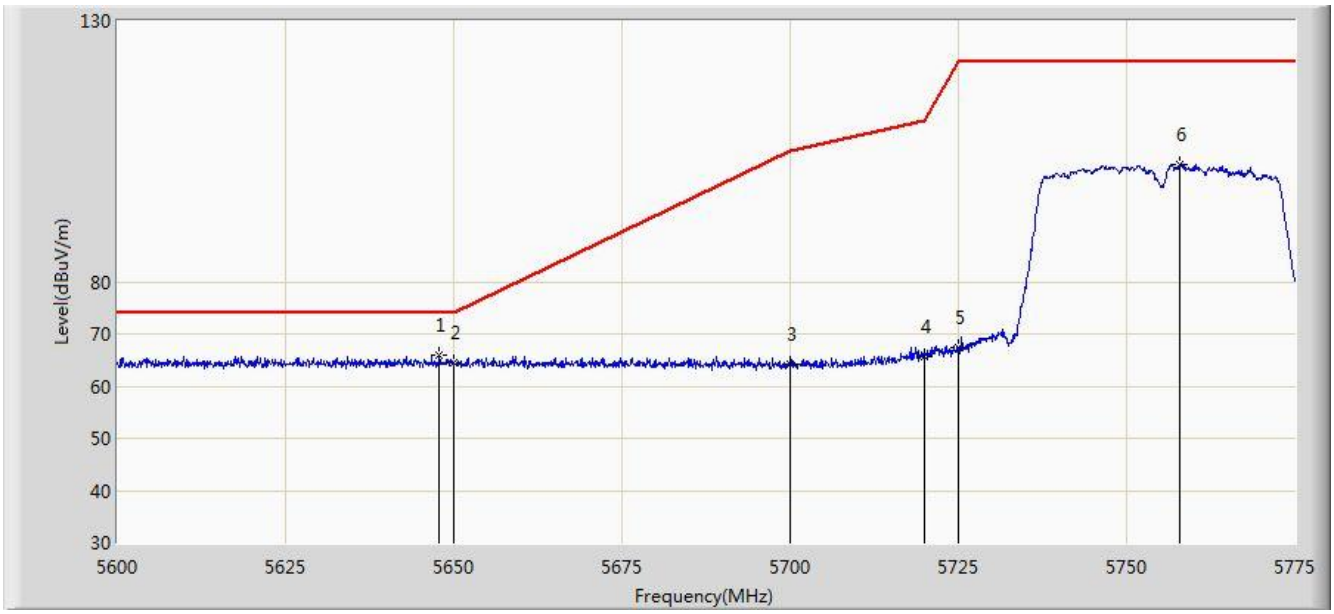


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.855	11.414	-3.145	54.000	39.442	AV
2		*	5187.550	83.966	44.616	N/A	N/A	39.350	AV

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

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

Site: AC1	Time: 2017/03/22 - 23:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 3	

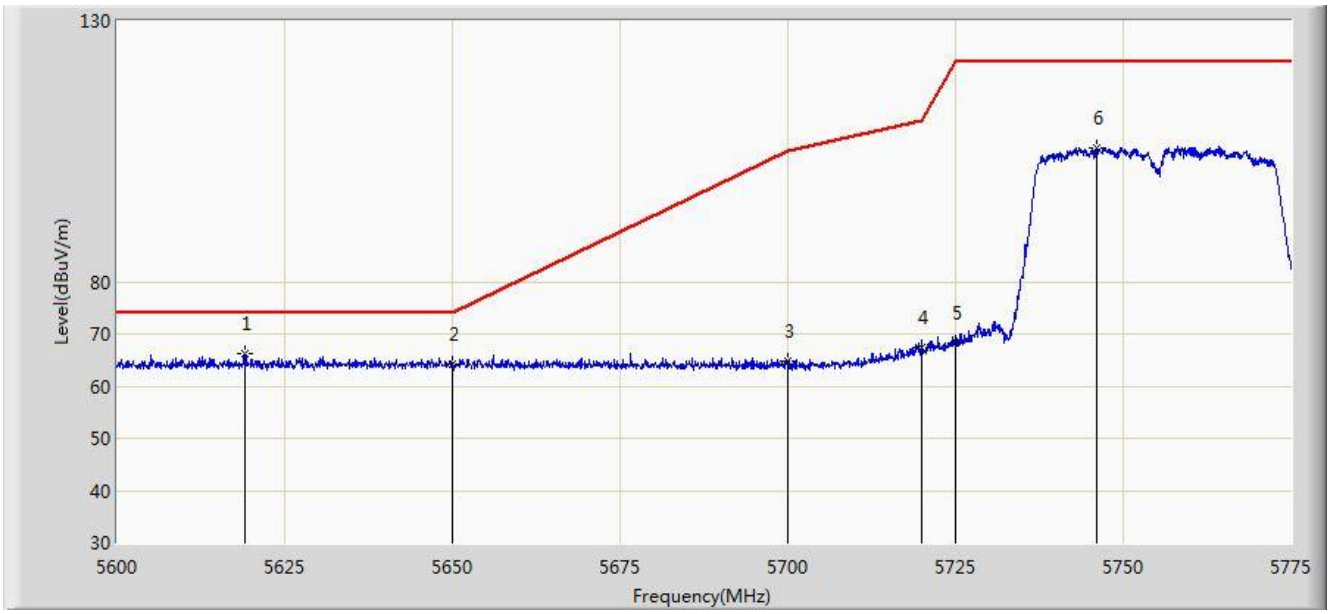


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.862	66.075	26.151	-7.925	74.000	39.925	PK
2			5650.000	64.371	24.442	-9.629	74.000	39.929	PK
3			5700.000	64.165	24.108	-41.035	105.200	40.057	PK
4			5720.000	65.770	25.629	-45.030	110.800	40.141	PK
5			5725.000	67.248	27.084	-54.952	122.200	40.164	PK
6			5757.937	102.567	62.259	N/A	N/A	40.307	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 3	

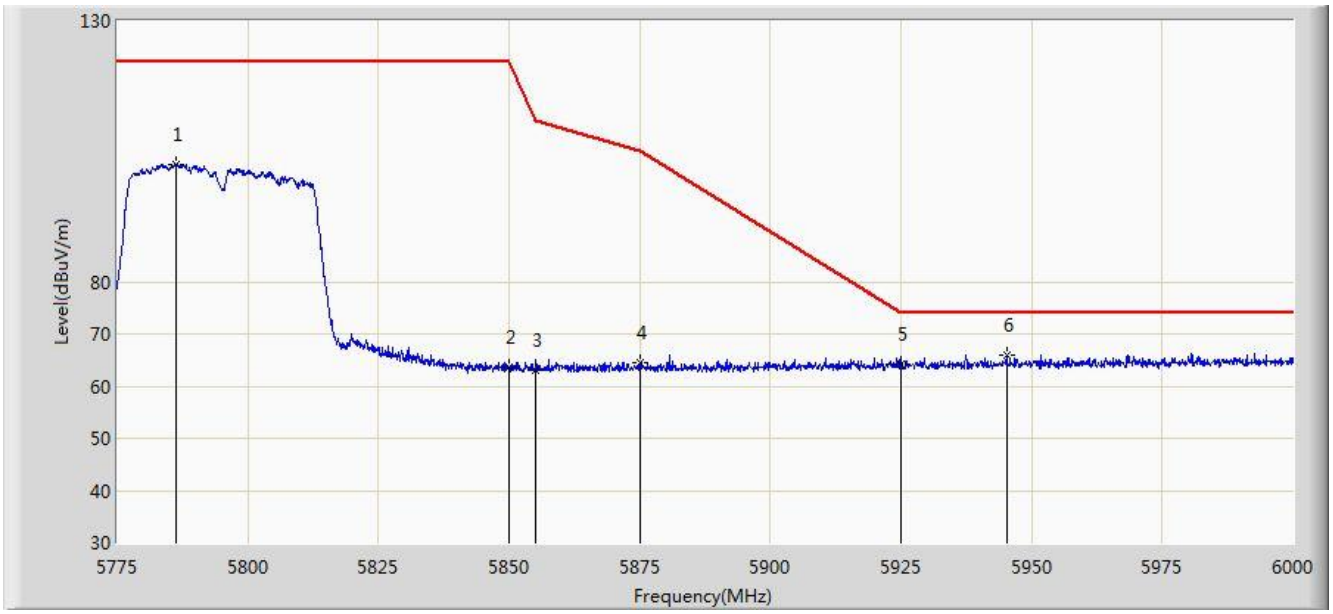


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5618.987	66.131	26.262	-7.869	74.000	39.869	PK
2			5650.000	64.180	24.251	-9.820	74.000	39.929	PK
3			5700.000	64.770	24.713	-40.430	105.200	40.057	PK
4			5720.000	67.435	27.294	-43.365	110.800	40.141	PK
5			5725.000	68.129	27.965	-54.071	122.200	40.164	PK
6			5746.125	105.702	65.442	N/A	N/A	40.259	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 3	

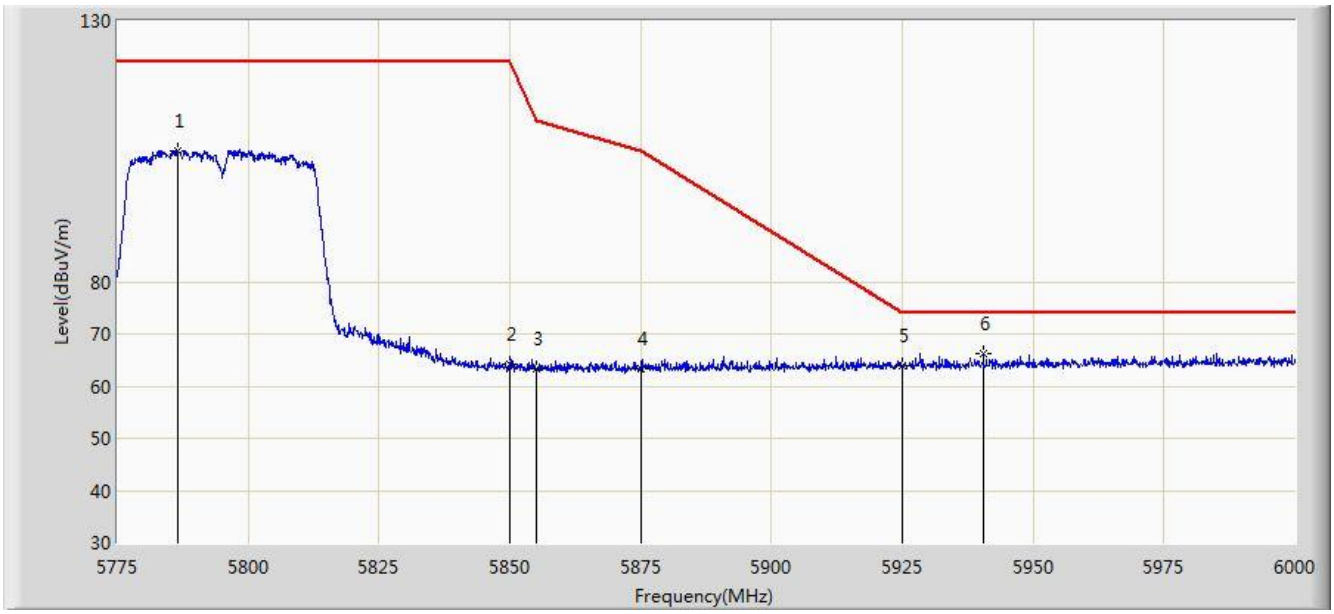


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5786.362	102.542	62.129	N/A	N/A	40.413	PK
2			5850.000	63.570	22.904	-58.630	122.200	40.666	PK
3			5855.000	63.137	22.459	-47.663	110.800	40.678	PK
4			5875.000	64.422	23.702	-40.778	105.200	40.720	PK
5			5925.000	64.194	23.402	-9.806	74.000	40.792	PK
6		*	5945.212	66.086	25.273	-7.914	74.000	40.813	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 3	

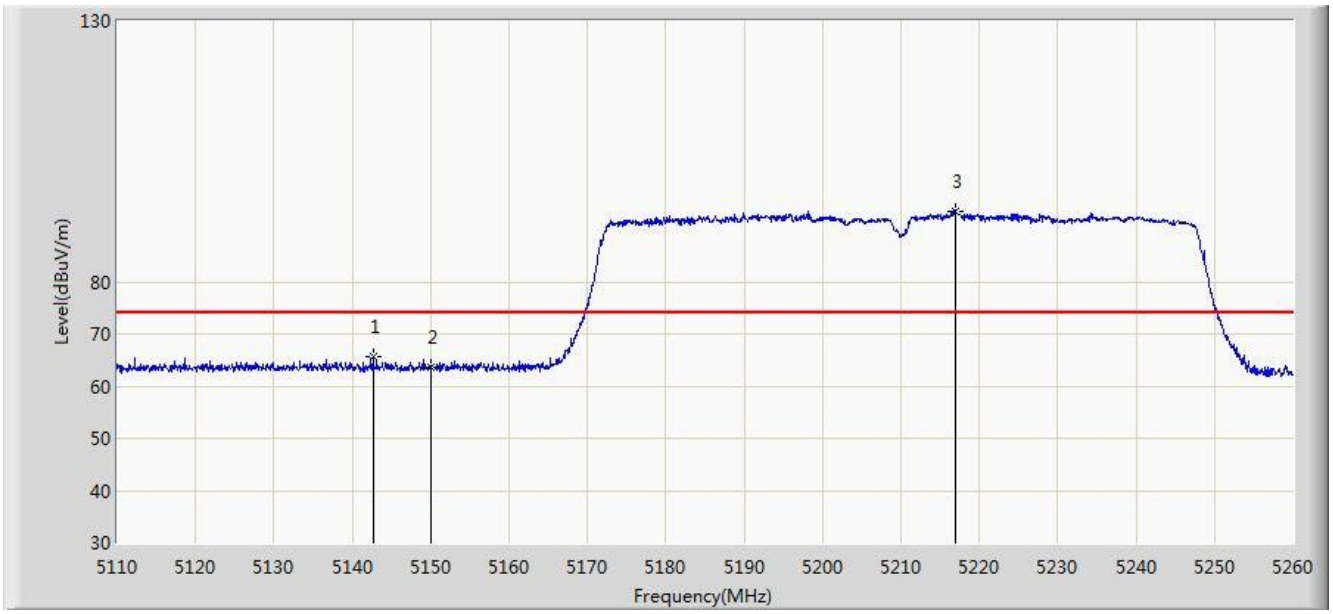


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5786.475	105.035	64.622	N/A	N/A	40.413	PK
2			5850.000	64.133	23.467	-58.067	122.200	40.666	PK
3			5855.000	63.338	22.660	-47.462	110.800	40.678	PK
4			5875.000	63.327	22.607	-41.873	105.200	40.720	PK
5			5925.000	63.770	22.978	-10.230	74.000	40.792	PK
6		*	5940.487	66.272	25.464	-7.728	74.000	40.808	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 3	

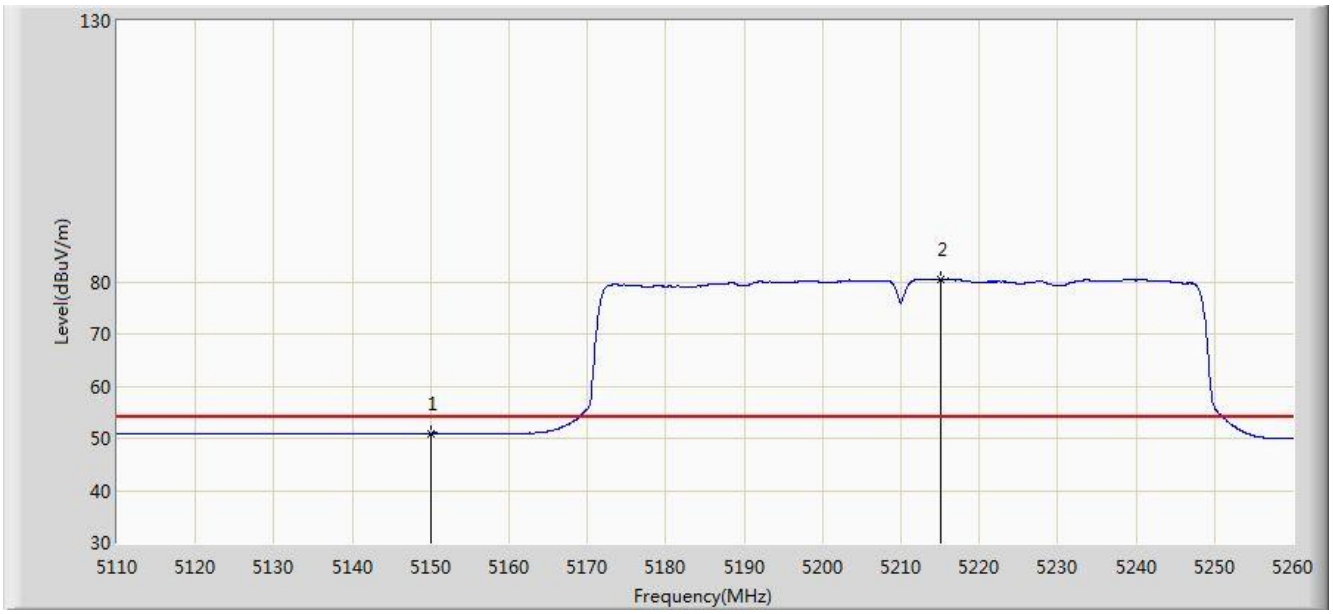


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.700	65.601	26.155	-8.399	74.000	39.446	PK
2			5150.000	63.604	24.163	-10.396	74.000	39.442	PK
3		*	5217.025	93.603	54.322	N/A	N/A	39.282	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 3	

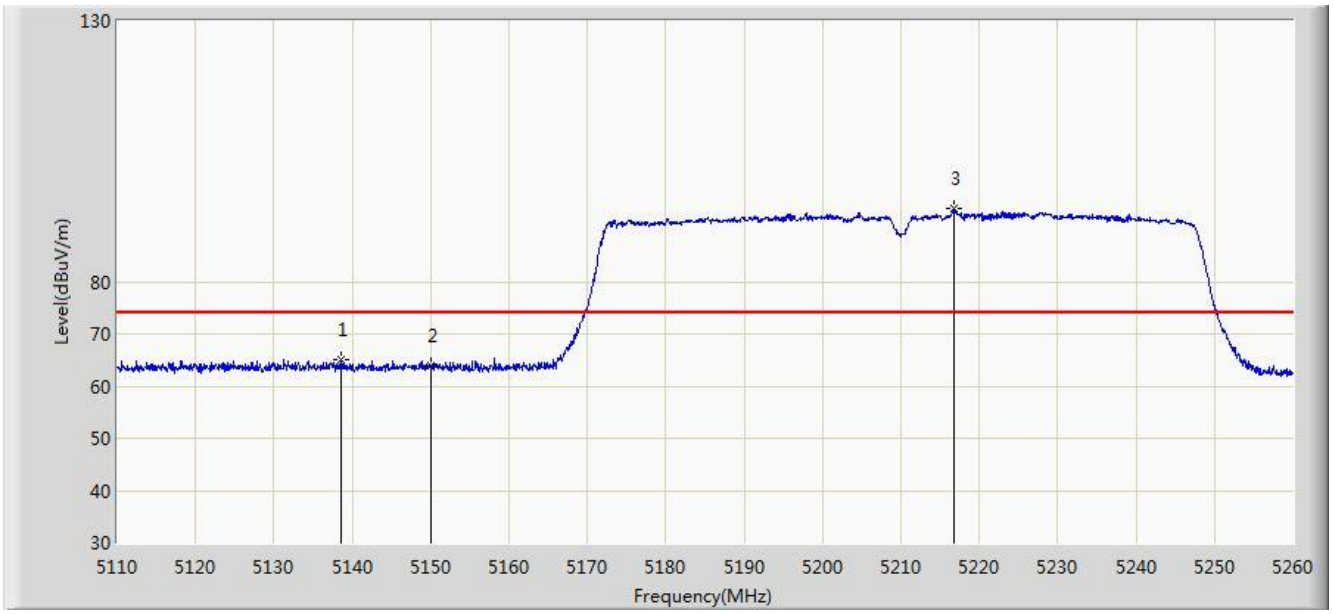


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.004	11.563	-2.996	54.000	39.442	AV
2		*	5215.150	80.557	41.271	N/A	N/A	39.286	AV

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

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

Site: AC1	Time: 2017/03/22 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 3	

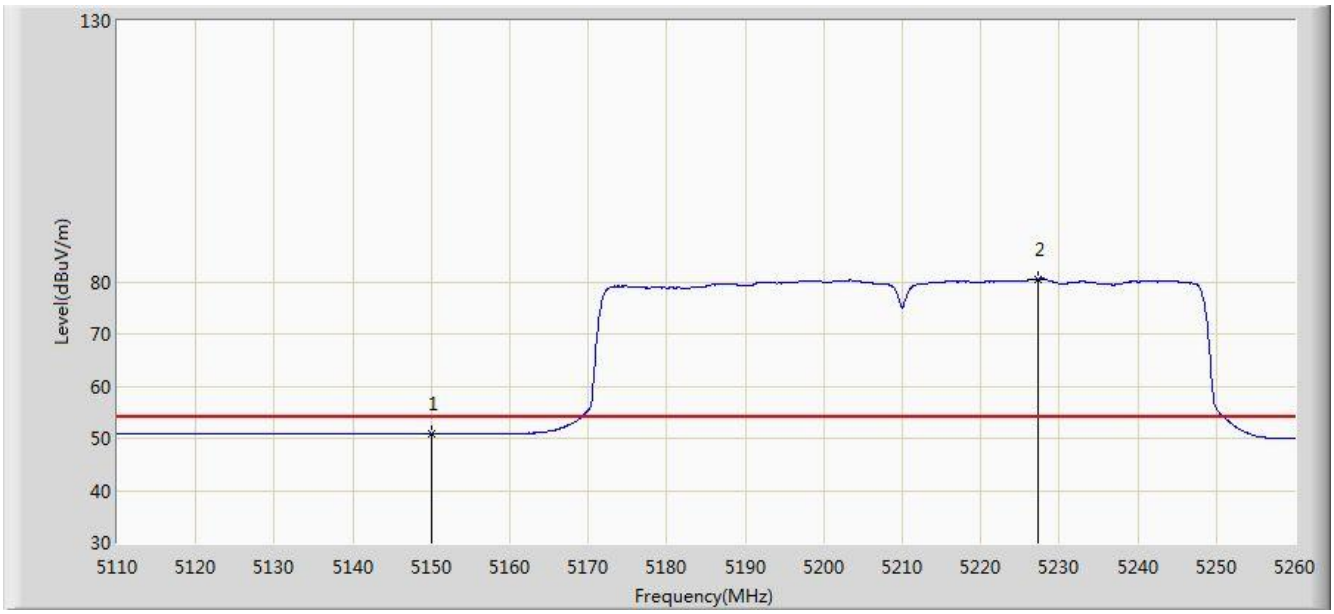


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.500	64.961	25.516	-9.039	74.000	39.445	PK
2			5150.000	63.793	24.352	-10.207	74.000	39.442	PK
3		*	5216.725	93.979	54.697	N/A	N/A	39.282	PK

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

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

Site: AC1	Time: 2017/03/22 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 3	

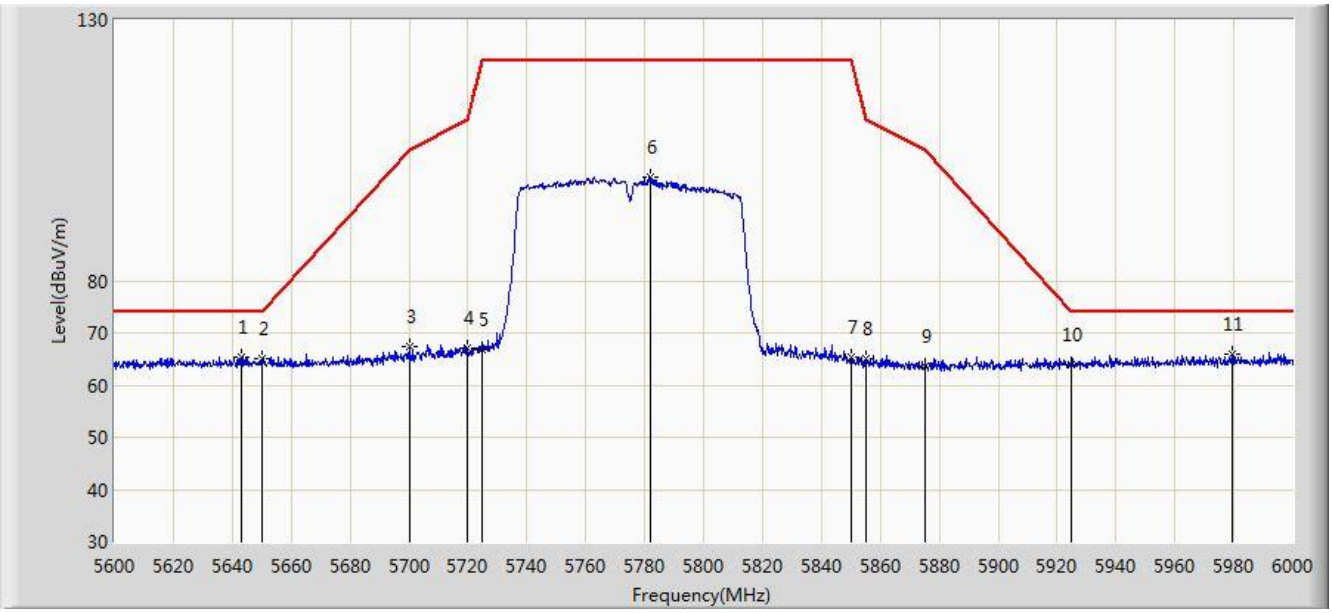


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.987	11.546	-3.013	54.000	39.442	AV
2		*	5227.225	80.520	41.261	N/A	N/A	39.259	AV

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

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

Site: AC1	Time: 2017/03/23 - 00:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 3	

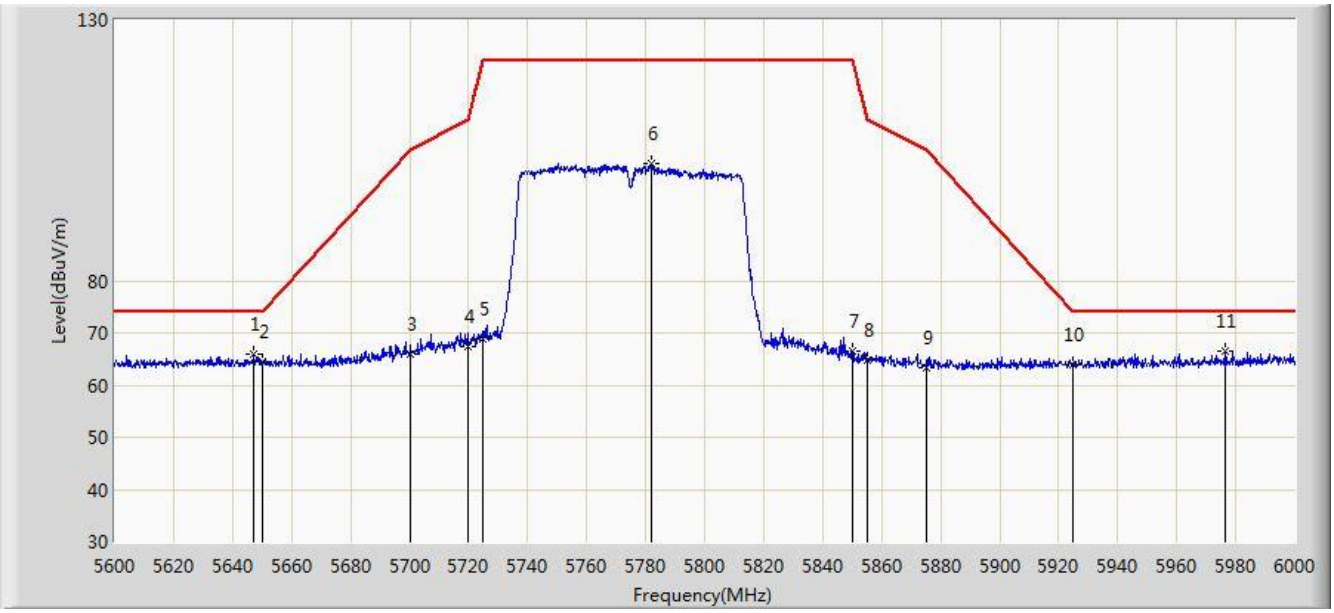


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.200	65.416	25.501	-8.584	74.000	39.915	PK
2			5650.000	65.029	25.100	-8.971	74.000	39.929	PK
3			5700.000	67.467	27.410	-37.733	105.200	40.057	PK
4			5720.000	67.046	26.905	-43.754	110.800	40.141	PK
5			5725.000	66.902	26.738	-55.298	122.200	40.164	PK
6			5782.000	99.899	59.502	N/A	N/A	40.397	PK
7			5850.000	65.335	24.669	-56.865	122.200	40.666	PK
8			5855.000	64.973	24.295	-45.827	110.800	40.678	PK
9			5875.000	63.685	22.965	-41.515	105.200	40.720	PK
10			5925.000	63.877	23.085	-10.123	74.000	40.792	PK
11		*	5979.200	65.979	25.148	-8.021	74.000	40.832	PK

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

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

Site: AC1	Time: 2017/03/23 - 00:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 3	

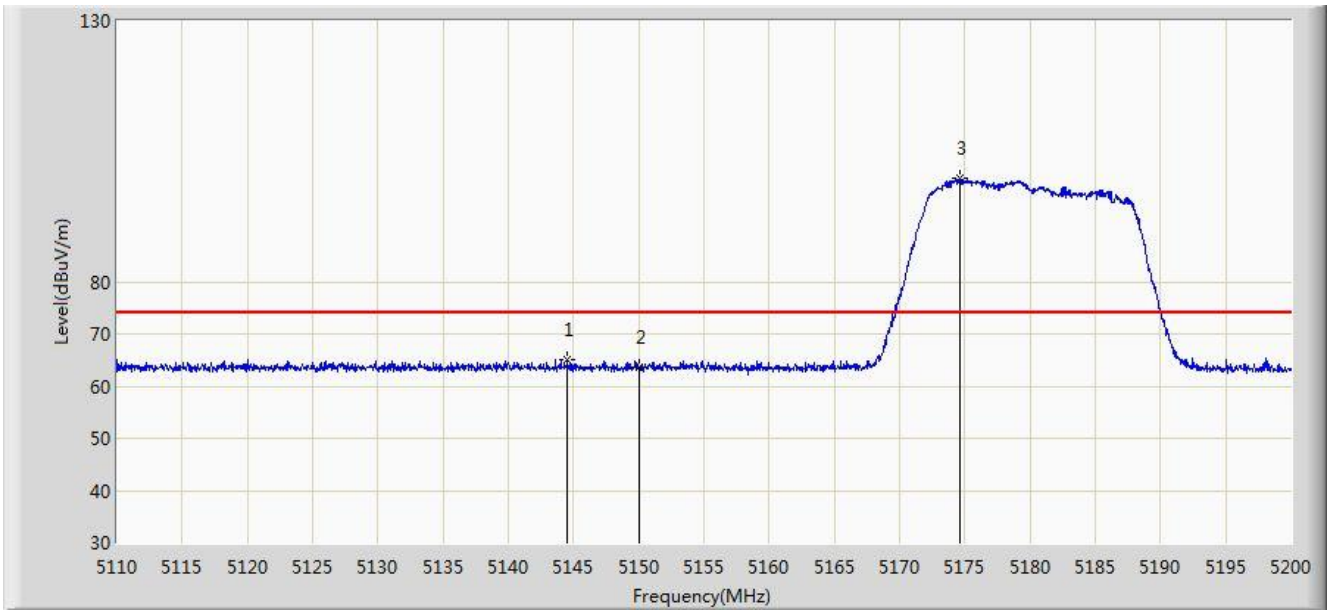


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.200	65.840	25.917	-8.160	74.000	39.923	PK
2			5650.000	64.404	24.475	-9.596	74.000	39.929	PK
3			5700.000	65.923	25.866	-39.277	105.200	40.057	PK
4			5720.000	67.387	27.246	-43.413	110.800	40.141	PK
5			5725.000	68.893	28.729	-53.307	122.200	40.164	PK
6			5781.800	102.505	62.109	N/A	N/A	40.396	PK
7			5850.000	66.637	25.971	-55.563	122.200	40.666	PK
8			5855.000	64.788	24.110	-46.012	110.800	40.678	PK
9			5875.000	63.432	22.712	-41.768	105.200	40.720	PK
10			5925.000	64.019	23.227	-9.981	74.000	40.792	PK
11		*	5976.400	66.649	25.819	-7.351	74.000	40.830	PK

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

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

Site: AC1	Time: 2017/03/23 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0+1+2+3	

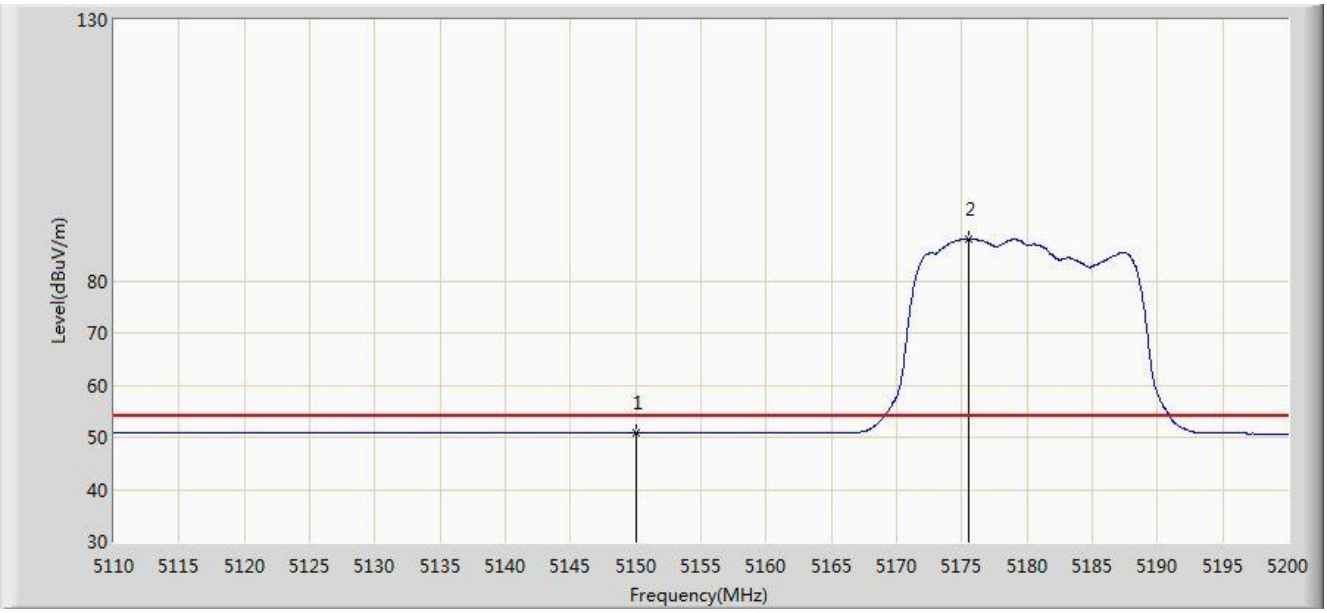


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.515	64.953	25.507	-9.047	74.000	39.446	PK
2			5150.000	63.746	24.305	-10.254	74.000	39.442	PK
3		*	5174.665	99.815	60.432	N/A	N/A	39.383	PK

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

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

Site: AC1	Time: 2017/03/23 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0+1+2+3	

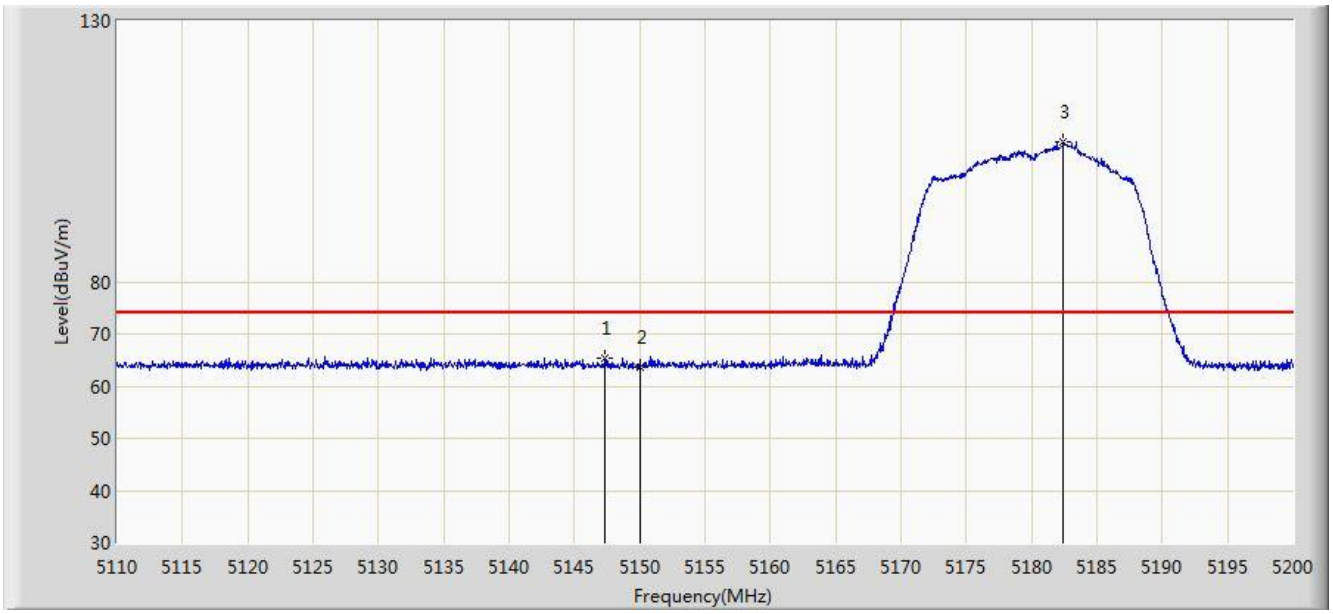


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.868	11.427	-3.132	54.000	39.442	AV
2		*	5175.475	87.921	48.540	N/A	N/A	39.380	AV

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

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

Site: AC1	Time: 2017/03/23 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0+1+2+3	

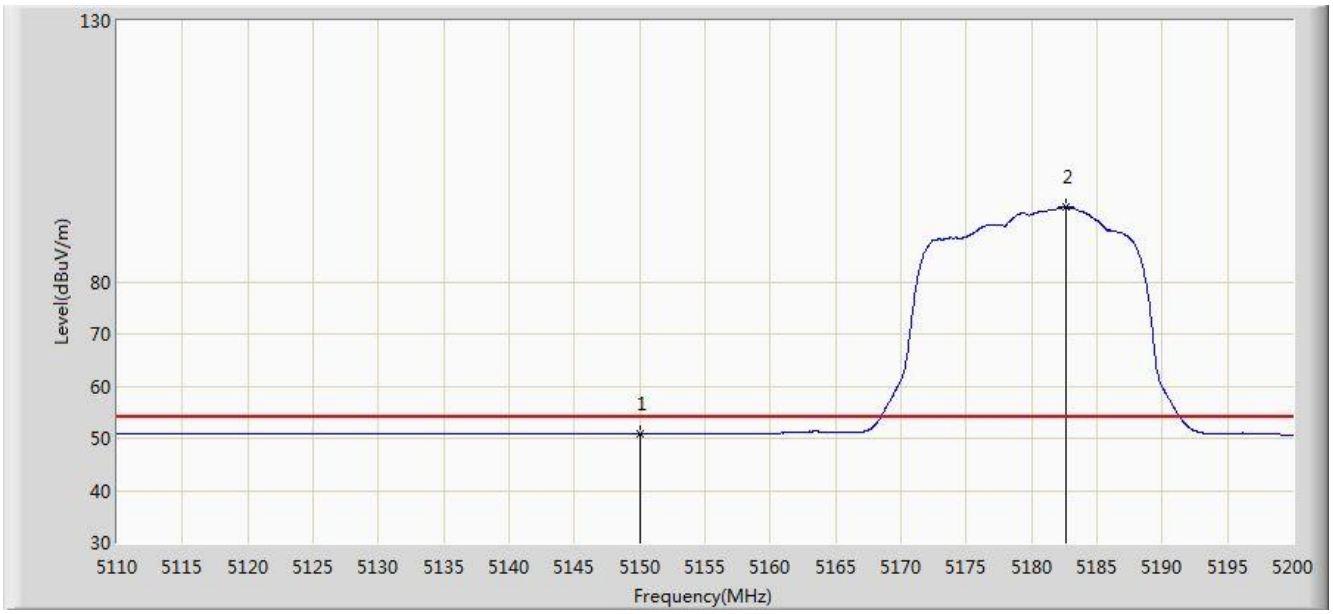


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.350	65.392	25.946	-8.608	74.000	39.445	PK
2			5150.000	63.687	24.246	-10.313	74.000	39.442	PK
3		*	5182.450	106.911	67.548	N/A	N/A	39.363	PK

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

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

Site: AC1	Time: 2017/03/23 - 00:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0+1+2+3	

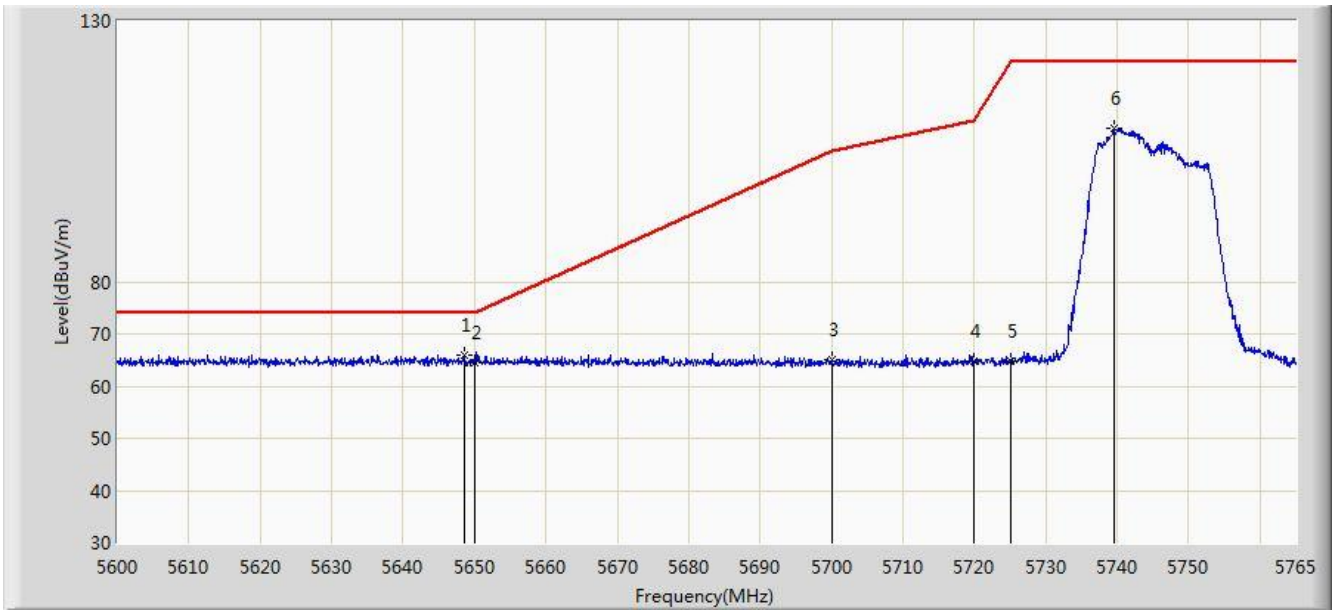


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.858	11.417	-3.142	54.000	39.442	AV
2		*	5182.585	94.403	55.040	N/A	N/A	39.363	AV

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

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

Site: AC1	Time: 2017/03/23 - 01:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0+1+2+3	

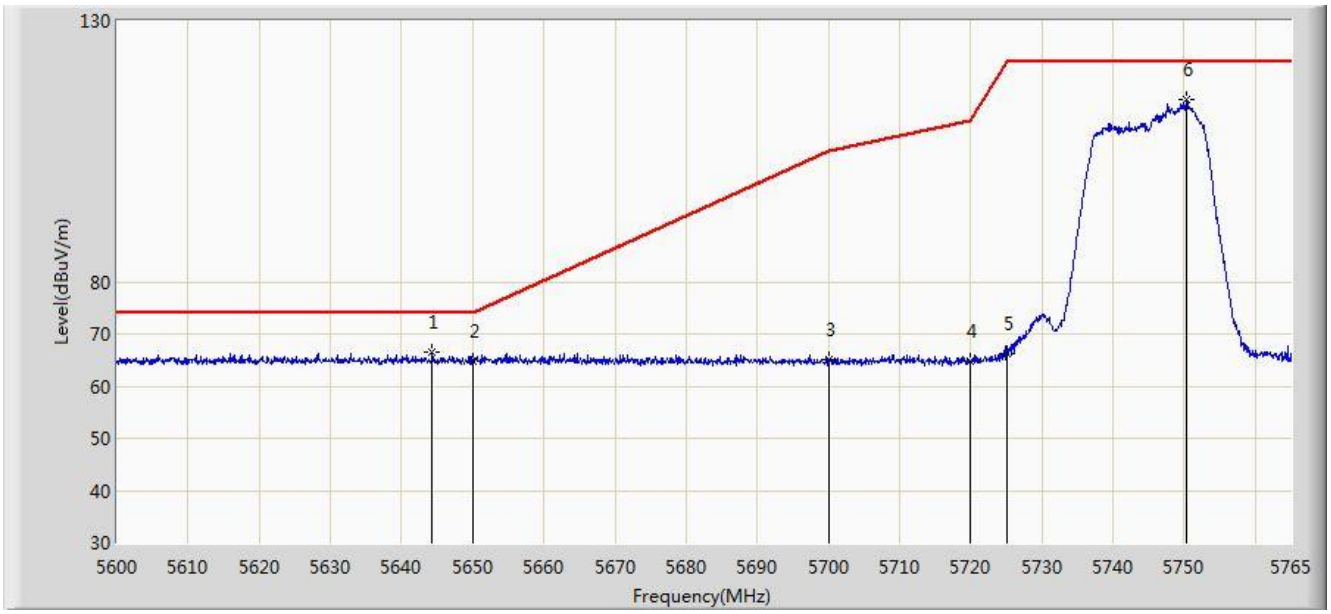


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.510	65.950	26.024	-8.050	74.000	39.926	PK
2			5650.000	64.487	24.558	-9.513	74.000	39.929	PK
3			5700.000	65.007	24.950	-40.193	105.200	40.057	PK
4			5720.000	64.751	24.610	-46.049	110.800	40.141	PK
5			5725.000	64.795	24.631	-57.405	122.200	40.164	PK
6			5739.507	109.393	69.162	N/A	N/A	40.231	PK

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

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

Site: AC1	Time: 2017/03/23 - 01:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0+1+2+3	

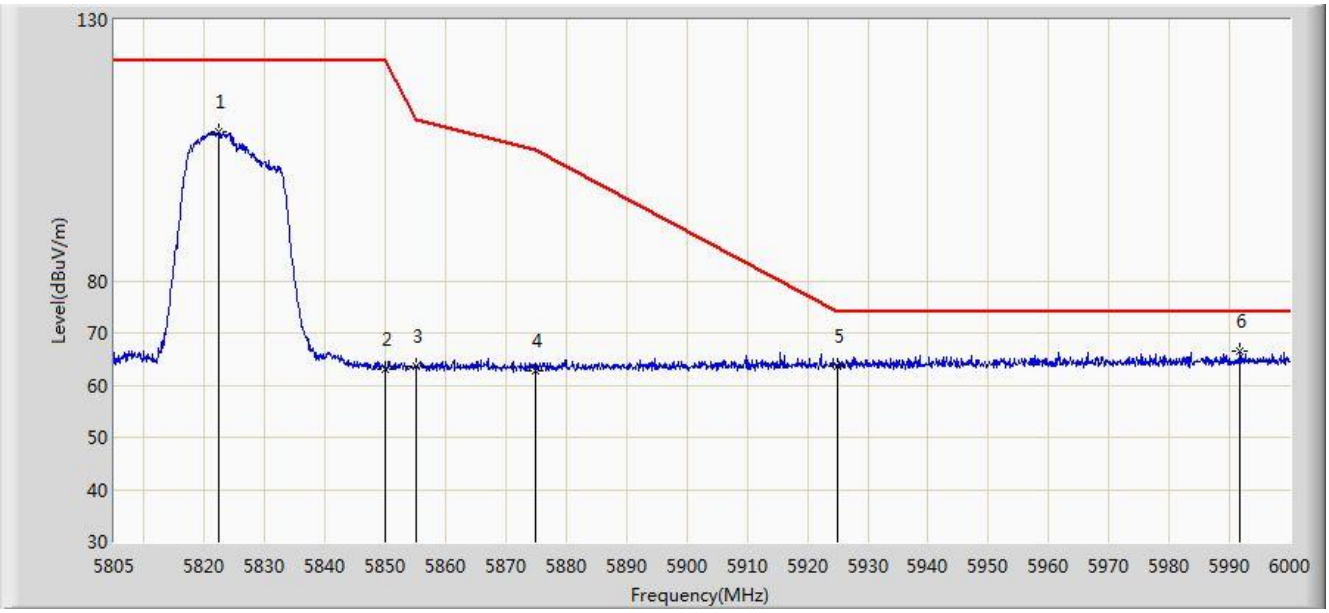


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.303	66.391	26.474	-7.609	74.000	39.917	PK
2			5650.000	64.927	24.998	-9.073	74.000	39.929	PK
3			5700.000	64.958	24.901	-40.242	105.200	40.057	PK
4			5720.000	64.815	24.674	-45.985	110.800	40.141	PK
5			5725.000	66.242	26.078	-55.958	122.200	40.164	PK
6		*	5750.315	114.786	74.509	N/A	N/A	40.277	PK

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

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

Site: AC1	Time: 2017/03/23 - 01:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0+1+2+3	

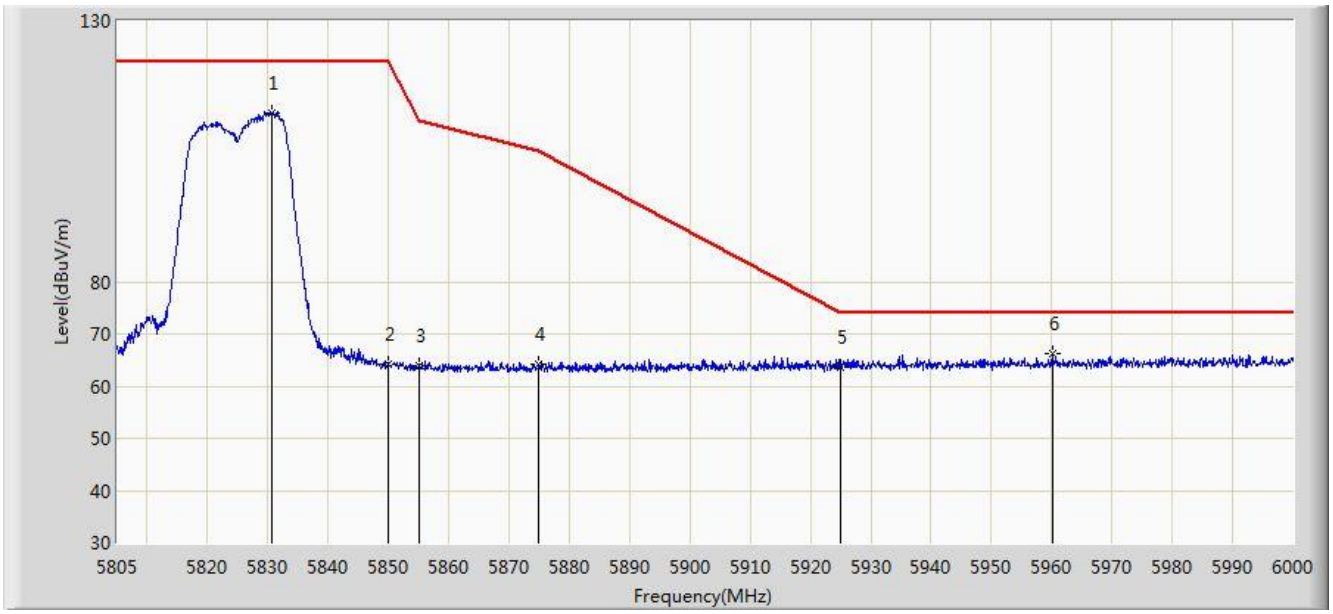


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.257	108.474	67.918	N/A	N/A	40.556	PK
2			5850.000	63.075	22.409	-59.125	122.200	40.666	PK
3			5855.000	63.714	23.036	-47.086	110.800	40.678	PK
4			5875.000	62.733	22.013	-42.467	105.200	40.720	PK
5			5925.000	63.564	22.772	-10.436	74.000	40.792	PK
6		*	5991.810	66.448	25.611	-7.552	74.000	40.837	PK

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

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

Site: AC1	Time: 2017/03/23 - 01:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0+1+2+3	

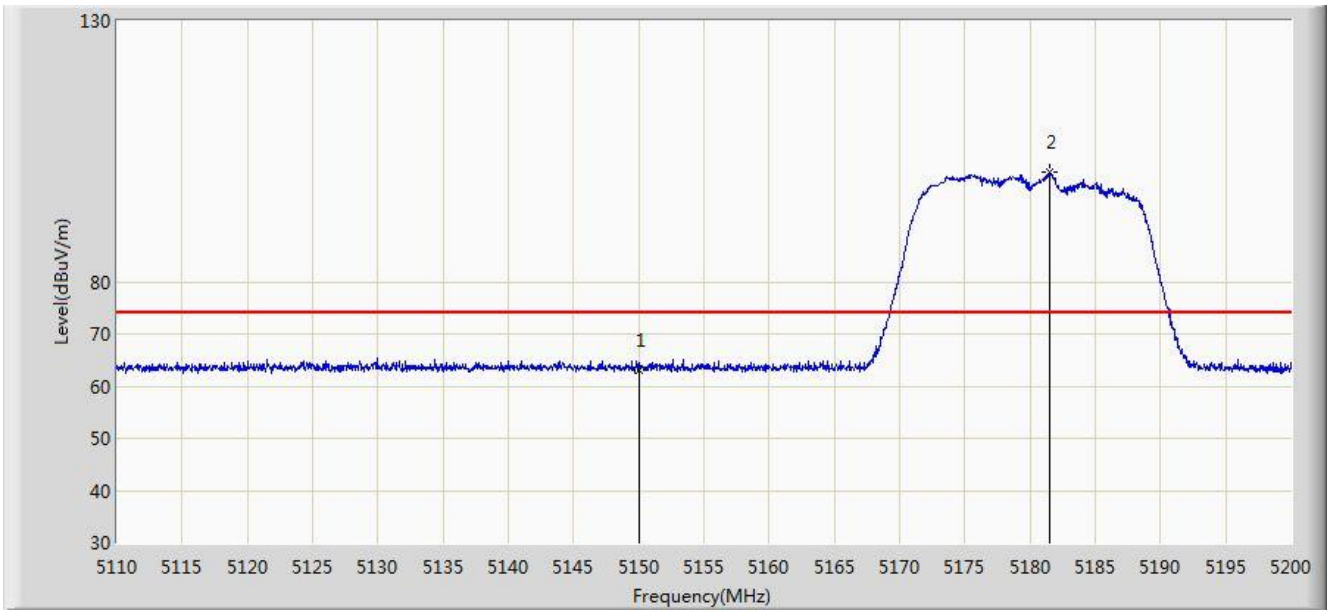


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.545	112.461	71.870	N/A	N/A	40.592	PK
2			5850.000	64.248	23.582	-57.952	122.200	40.666	PK
3			5855.000	63.921	23.243	-46.879	110.800	40.678	PK
4			5875.000	64.221	23.501	-40.979	105.200	40.720	PK
5			5925.000	63.616	22.824	-10.384	74.000	40.792	PK
6		*	5960.123	66.371	25.549	-7.629	74.000	40.822	PK

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

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

Site: AC1	Time: 2017/03/23 - 03:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1+2+3	

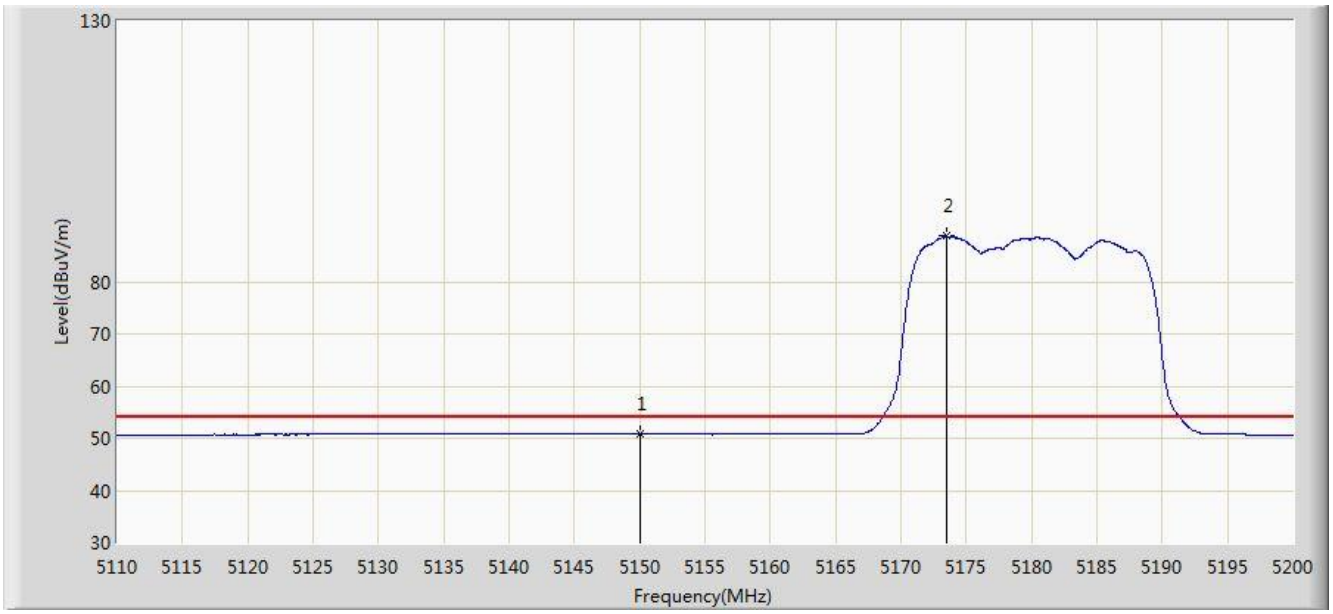


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.054	23.613	-10.946	74.000	39.442	PK
2		*	5181.550	100.961	61.596	N/A	N/A	39.366	PK

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

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

Site: AC1	Time: 2017/03/23 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1+2+3	

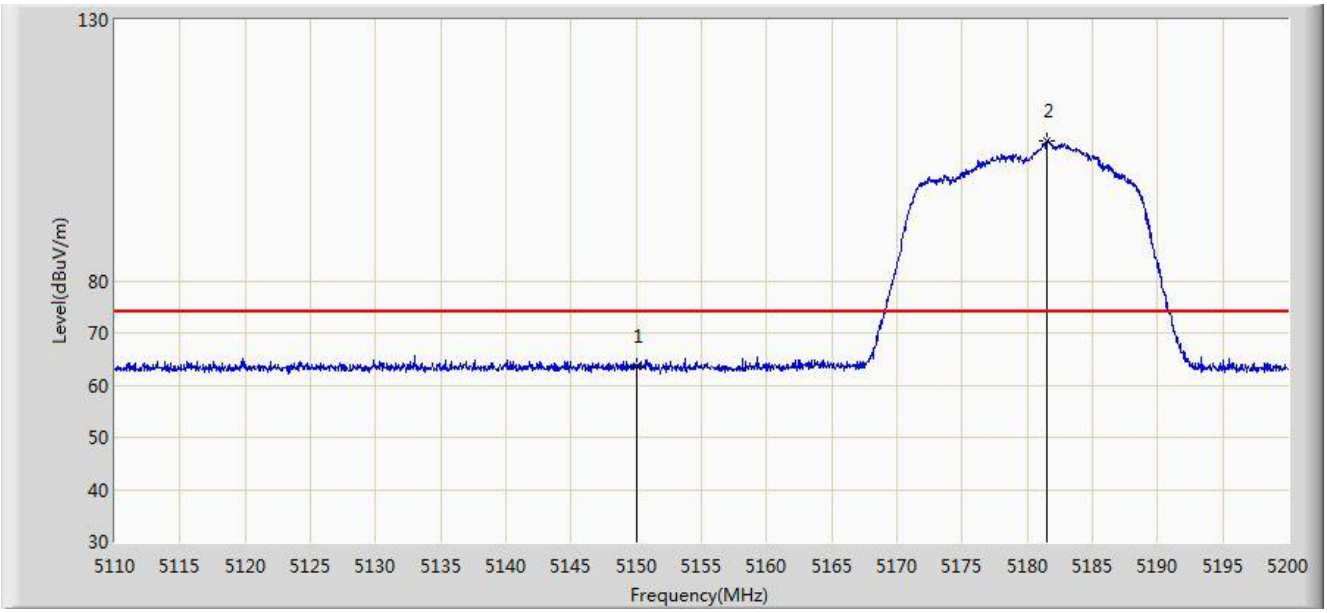


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.750	11.309	-3.250	54.000	39.442	AV
2		*	5173.495	88.700	49.314	N/A	N/A	39.386	AV

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

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

Site: AC1	Time: 2017/03/23 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1+2+3	

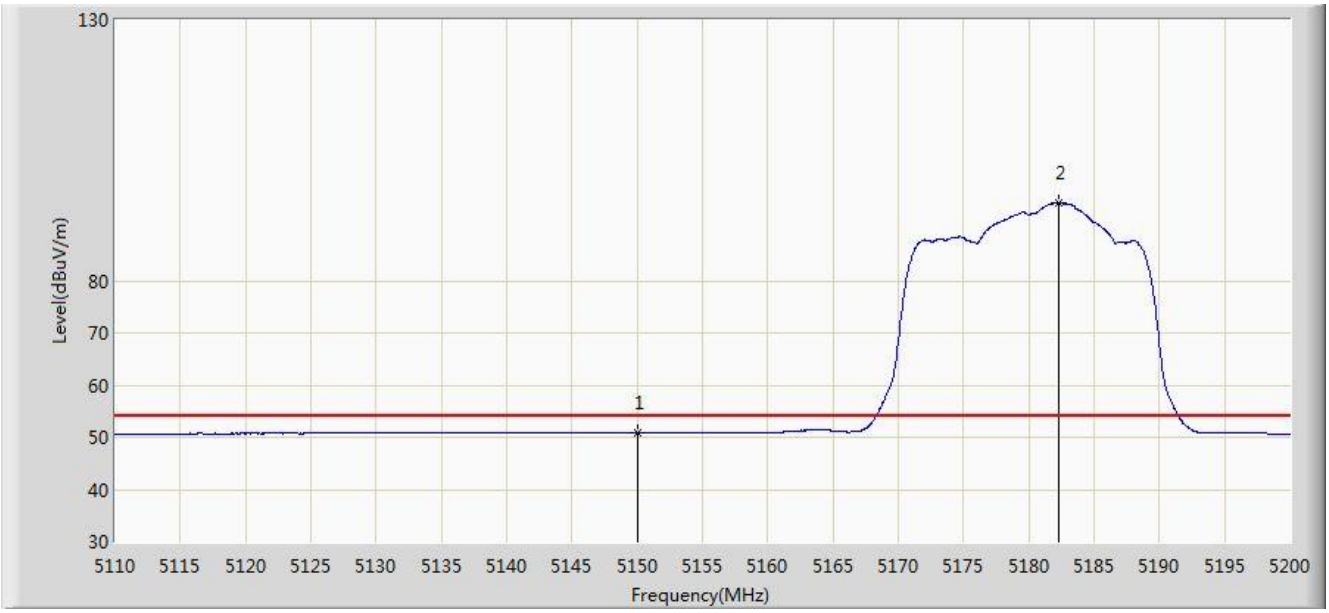


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.727	24.286	-10.273	74.000	39.442	PK
2		*	5181.550	106.820	67.455	N/A	N/A	39.366	PK

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

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

Site: AC1	Time: 2017/03/23 - 03:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1+2+3	

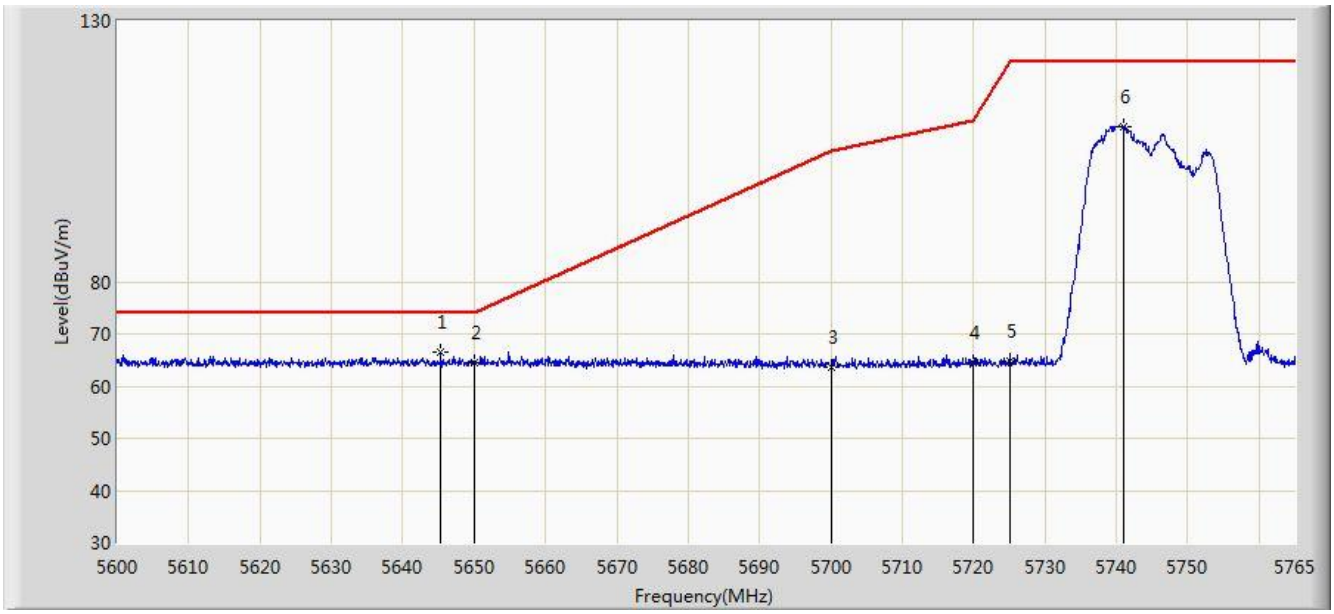


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.757	11.316	-3.243	54.000	39.442	AV
2		*	5182.315	94.876	55.513	N/A	N/A	39.363	AV

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

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

Site: AC1	Time: 2017/03/23 - 15:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0+1+2+3	

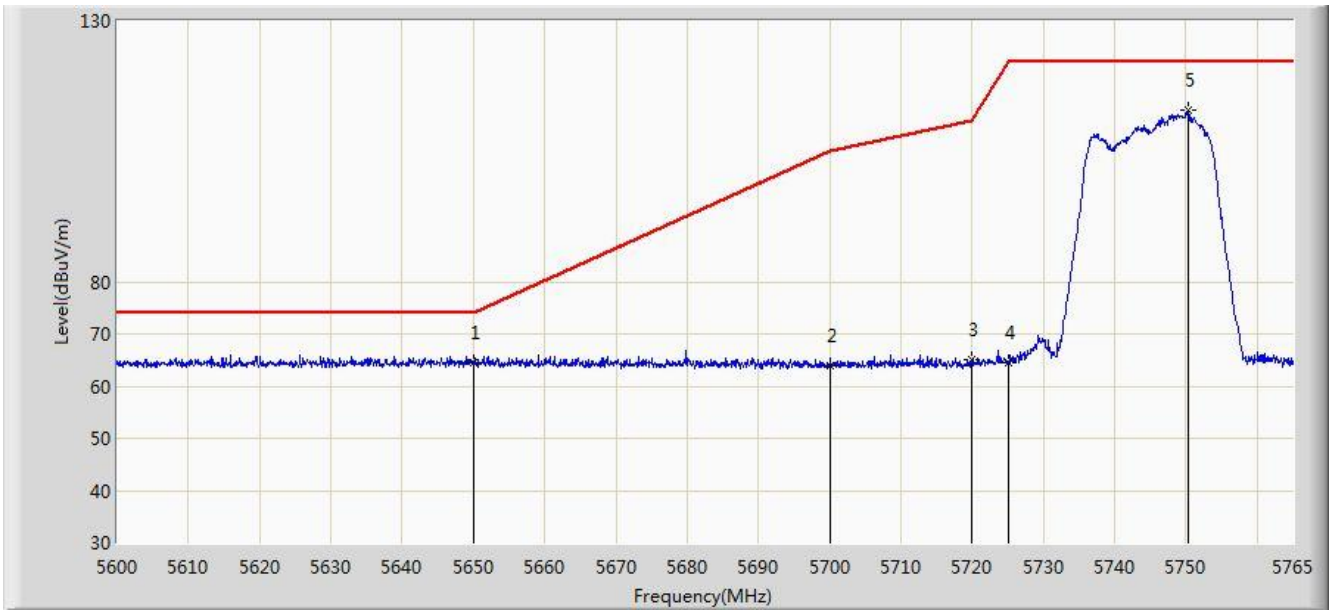


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5645.375	66.416	26.497	-7.584	74.000	39.919	PK
2			5650.000	64.397	24.468	-9.603	74.000	39.929	PK
3			5700.000	63.661	23.604	-41.539	105.200	40.057	PK
4			5720.000	64.371	24.230	-46.429	110.800	40.141	PK
5			5725.000	64.923	24.759	-57.277	122.200	40.164	PK
6			5740.993	109.705	69.467	N/A	N/A	40.237	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0+1+2+3	

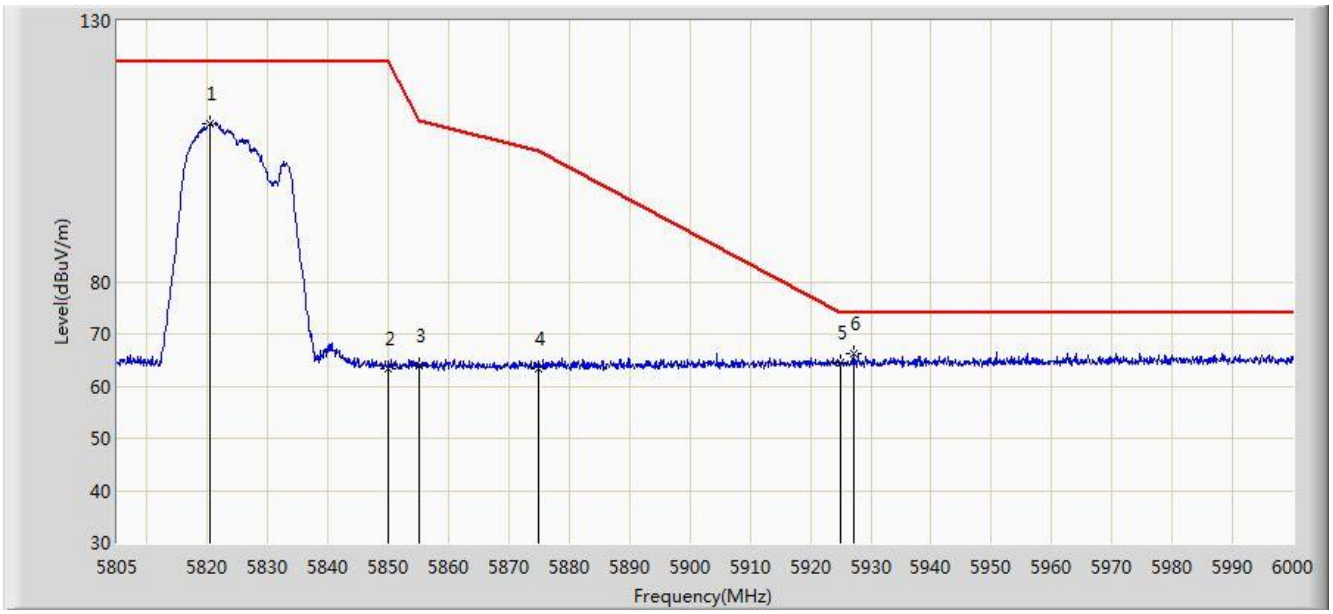


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	64.396	24.467	-9.604	74.000	39.929	PK
2			5700.000	63.986	23.929	-41.214	105.200	40.057	PK
3			5720.000	64.990	24.849	-45.810	110.800	40.141	PK
4			5725.000	64.458	24.294	-57.742	122.200	40.164	PK
5		*	5750.315	112.831	72.554	N/A	N/A	40.277	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0+1+2+3	

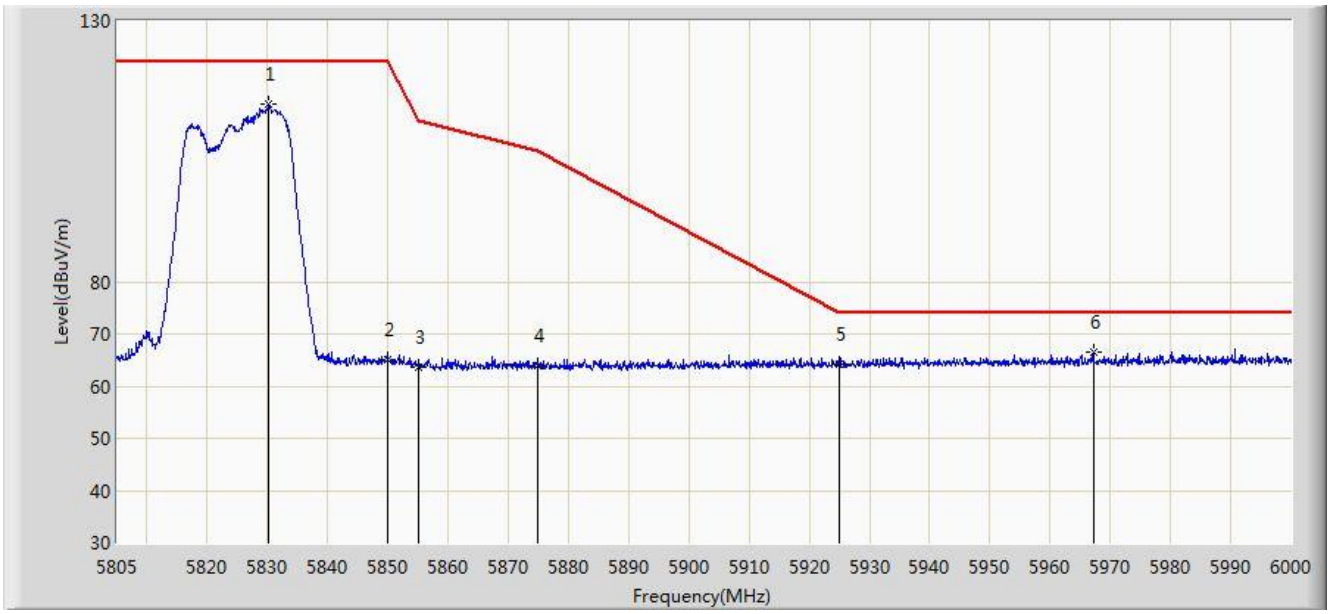


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.502	110.412	69.863	N/A	N/A	40.548	PK
2			5850.000	63.429	22.763	-58.771	122.200	40.666	PK
3			5855.000	64.039	23.361	-46.761	110.800	40.678	PK
4			5875.000	63.298	22.578	-41.902	105.200	40.720	PK
5			5925.000	64.459	23.667	-9.541	74.000	40.792	PK
6		*	5927.070	66.106	25.312	-7.894	74.000	40.794	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0+1+2+3	

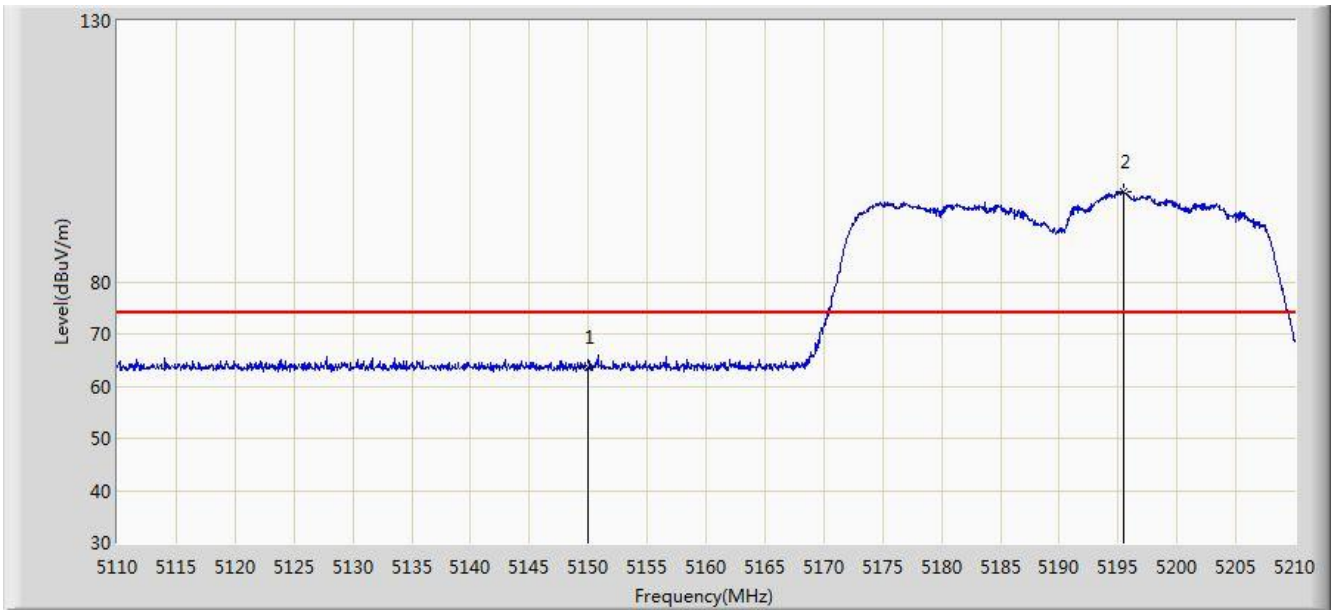


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.155	113.972	73.382	N/A	N/A	40.589	PK
2			5850.000	65.179	24.513	-57.021	122.200	40.666	PK
3			5855.000	63.730	23.052	-47.070	110.800	40.678	PK
4			5875.000	63.825	23.105	-41.375	105.200	40.720	PK
5			5925.000	64.256	23.464	-9.744	74.000	40.792	PK
6		*	5967.143	66.570	25.744	-7.430	74.000	40.826	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1+2+3	

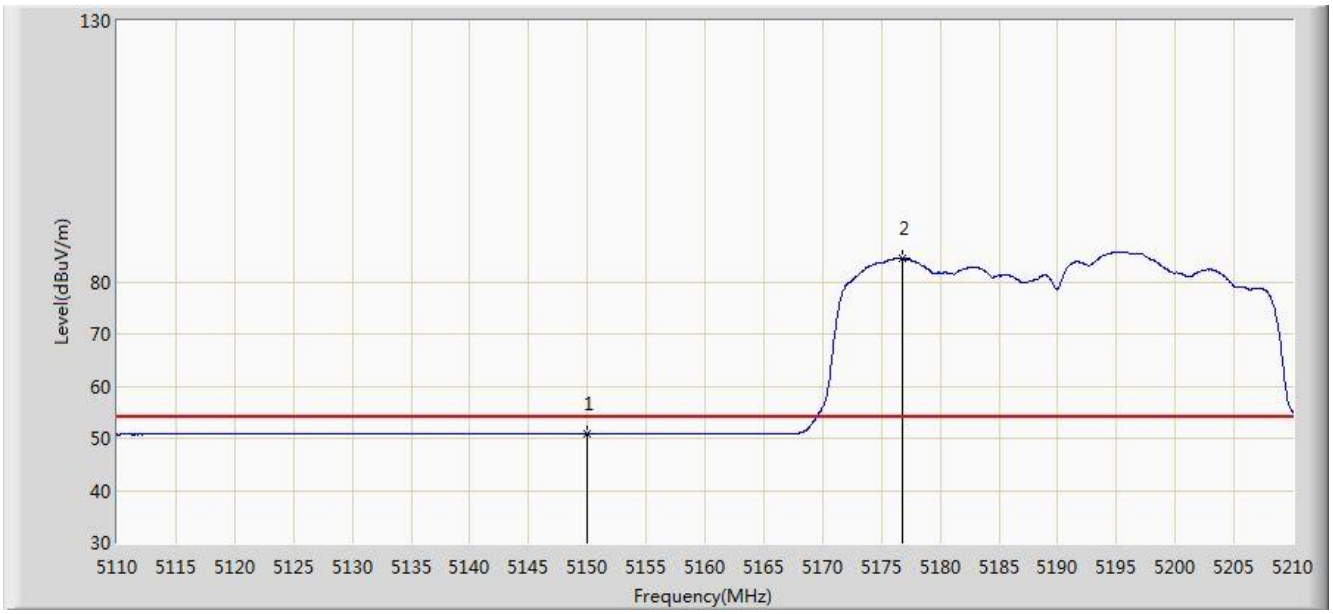


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.581	24.140	-10.419	74.000	39.442	PK
2		*	5195.500	97.296	57.966	N/A	N/A	39.330	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1+2+3	

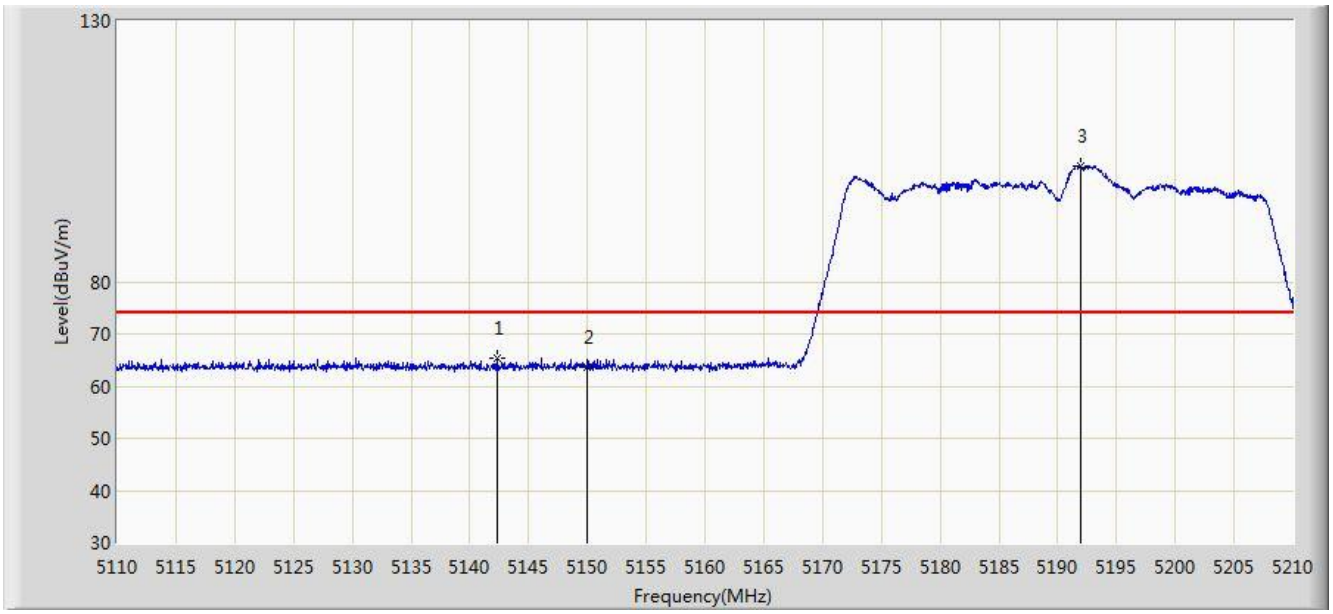


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.857	11.416	-3.143	54.000	39.442	AV
2		*	5176.800	84.519	45.142	N/A	N/A	39.378	AV

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

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

Site: AC1	Time: 2017/03/23 - 15:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1+2+3	

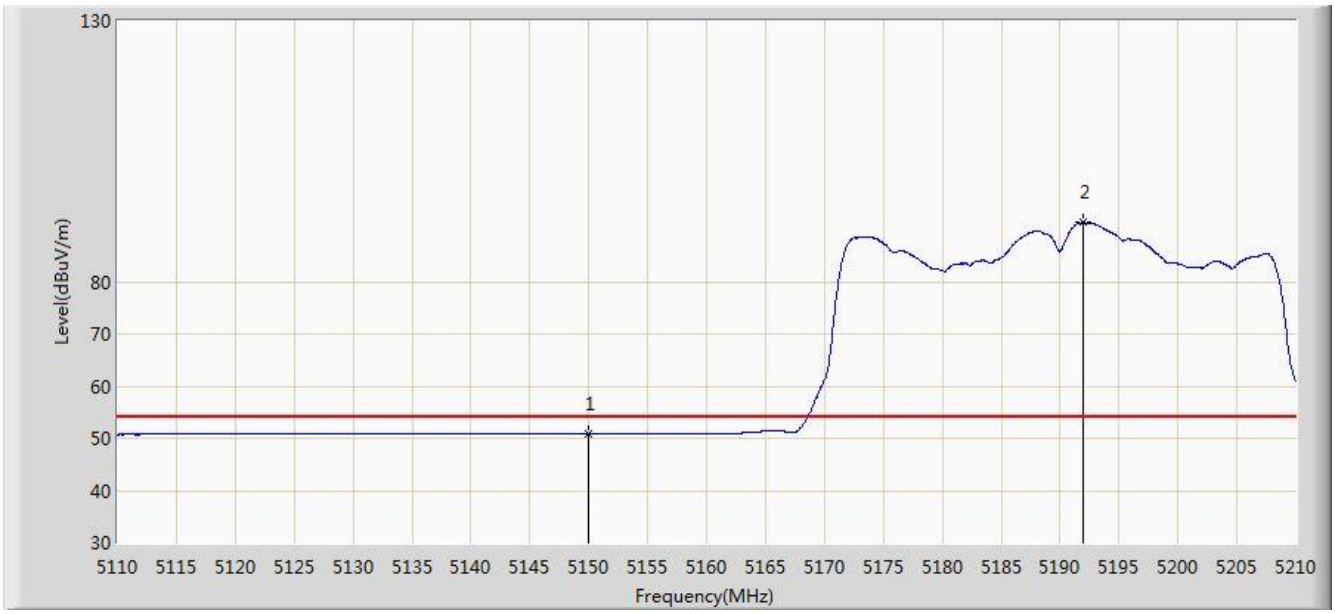


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.300	65.506	26.060	-8.494	74.000	39.445	PK
2			5150.000	63.610	24.169	-10.390	74.000	39.442	PK
3		*	5191.900	102.222	62.883	N/A	N/A	39.339	PK

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

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

Site: AC1	Time: 2017/03/23 - 15:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1+2+3	

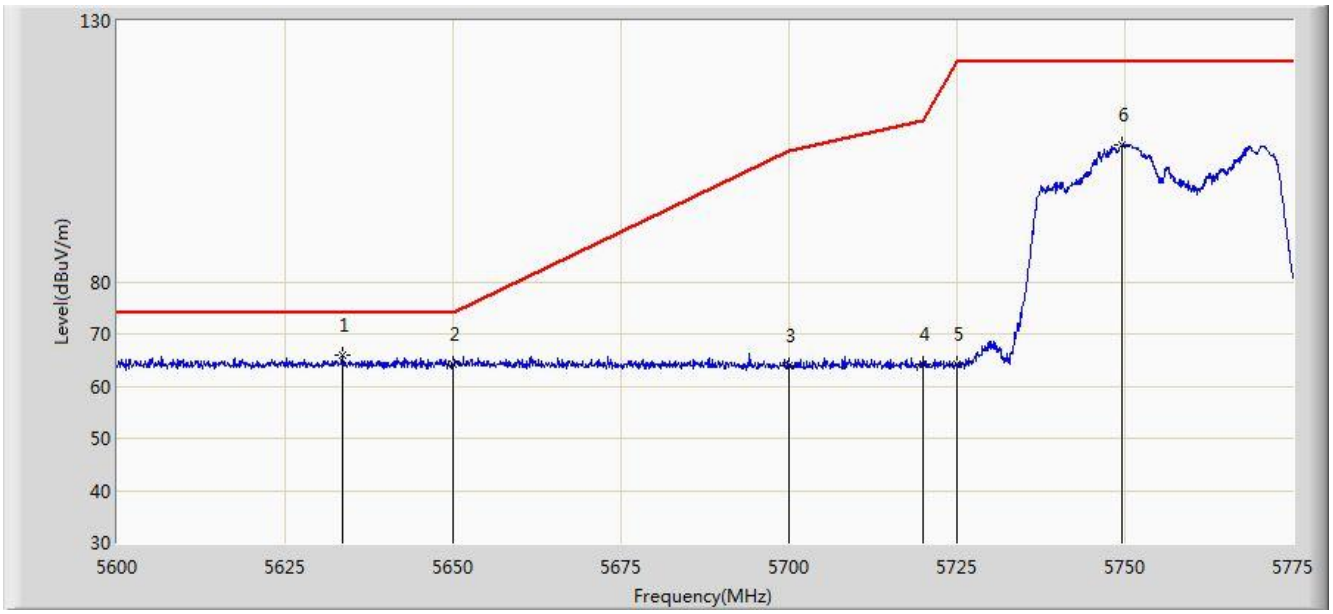


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.889	11.448	-3.111	54.000	39.442	AV
2		*	5192.000	91.337	51.998	N/A	N/A	39.339	AV

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

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

Site: AC1	Time: 2017/03/23 - 16:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0+1+2+3	

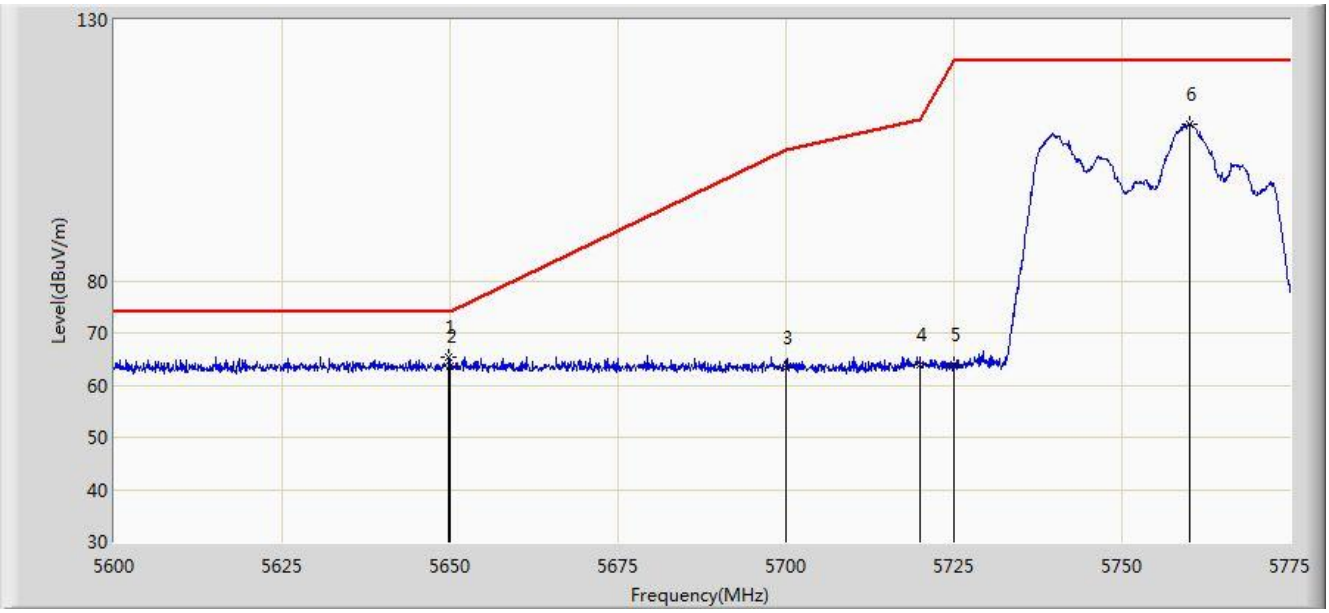


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5633.513	65.847	25.951	-8.153	74.000	39.897	PK
2			5650.000	64.169	24.240	-9.831	74.000	39.929	PK
3			5700.000	63.950	23.893	-41.250	105.200	40.057	PK
4			5720.000	64.181	24.040	-46.619	110.800	40.141	PK
5			5725.000	64.063	23.899	-58.137	122.200	40.164	PK
6			5749.625	106.259	65.985	N/A	N/A	40.273	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:37
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0+1+2+3	

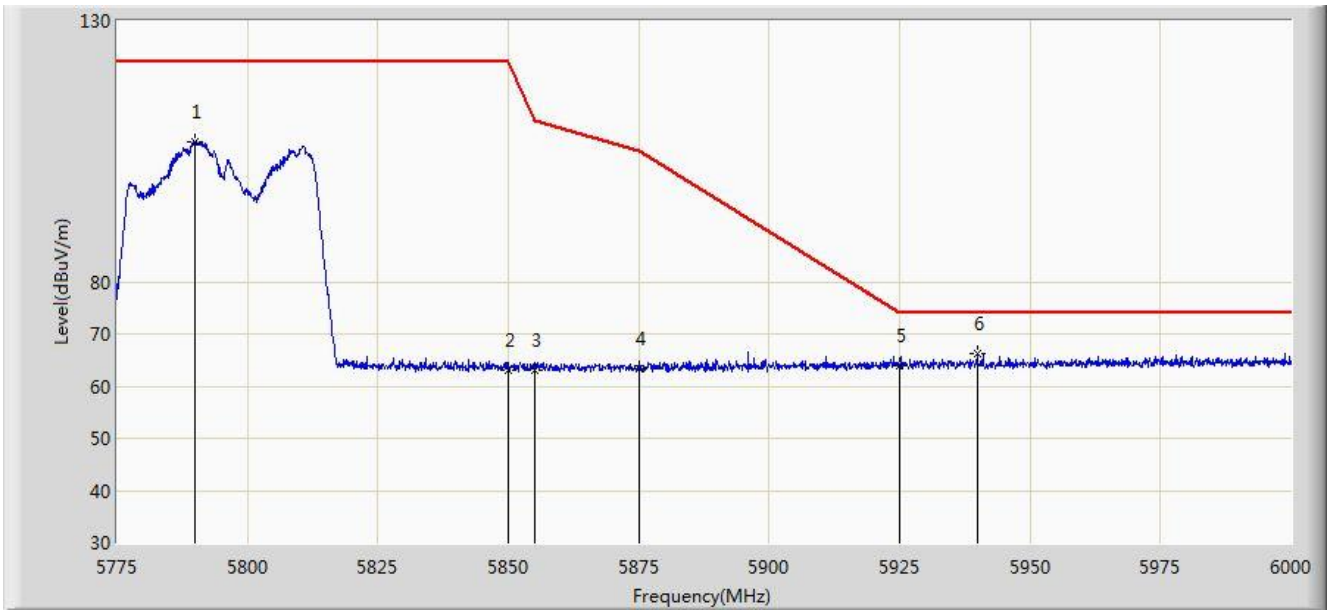


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.875	65.327	25.398	-8.673	74.000	39.928	PK
2			5650.000	63.685	23.756	-10.315	74.000	39.929	PK
3			5700.000	63.277	23.220	-41.923	105.200	40.057	PK
4			5720.000	63.769	23.628	-47.031	110.800	40.141	PK
5			5725.000	63.769	23.605	-58.431	122.200	40.164	PK
6			5760.038	110.019	69.703	N/A	N/A	40.316	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:39
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0+1+2+3	

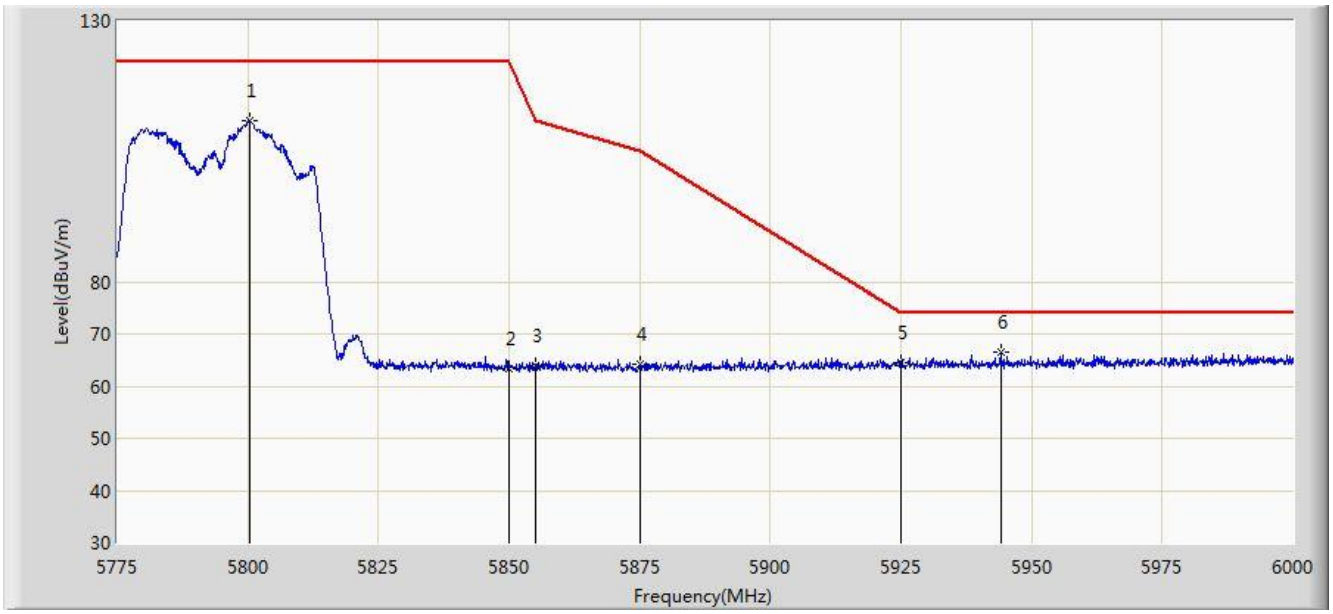


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5789.962	106.951	66.525	N/A	N/A	40.426	PK
2			5850.000	63.156	22.490	-59.044	122.200	40.666	PK
3			5855.000	63.173	22.495	-47.627	110.800	40.678	PK
4			5875.000	63.413	22.693	-41.787	105.200	40.720	PK
5			5925.000	63.877	23.085	-10.123	74.000	40.792	PK
6		*	5939.812	66.185	25.377	-7.815	74.000	40.808	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0+1+2+3	

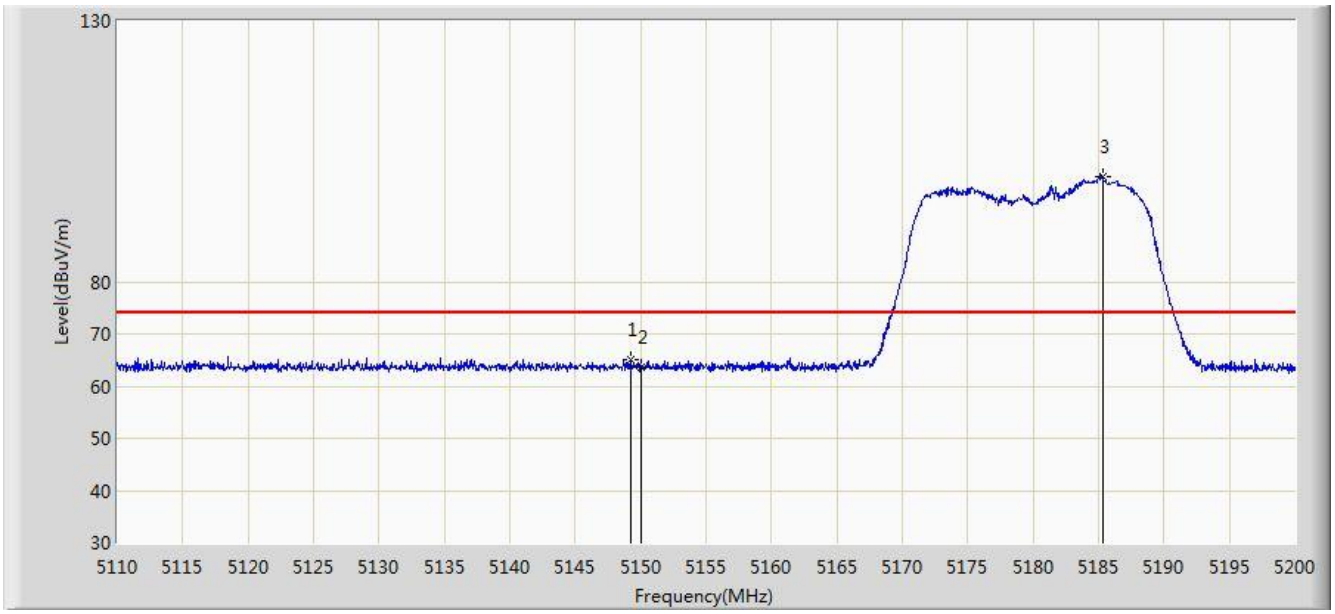


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5800.312	110.905	70.439	N/A	N/A	40.466	PK
2			5850.000	63.476	22.810	-58.724	122.200	40.666	PK
3			5855.000	63.824	23.146	-46.976	110.800	40.678	PK
4			5875.000	64.137	23.417	-41.063	105.200	40.720	PK
5			5925.000	64.630	23.838	-9.370	74.000	40.792	PK
6		*	5944.087	66.416	25.604	-7.584	74.000	40.811	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1+2+3	

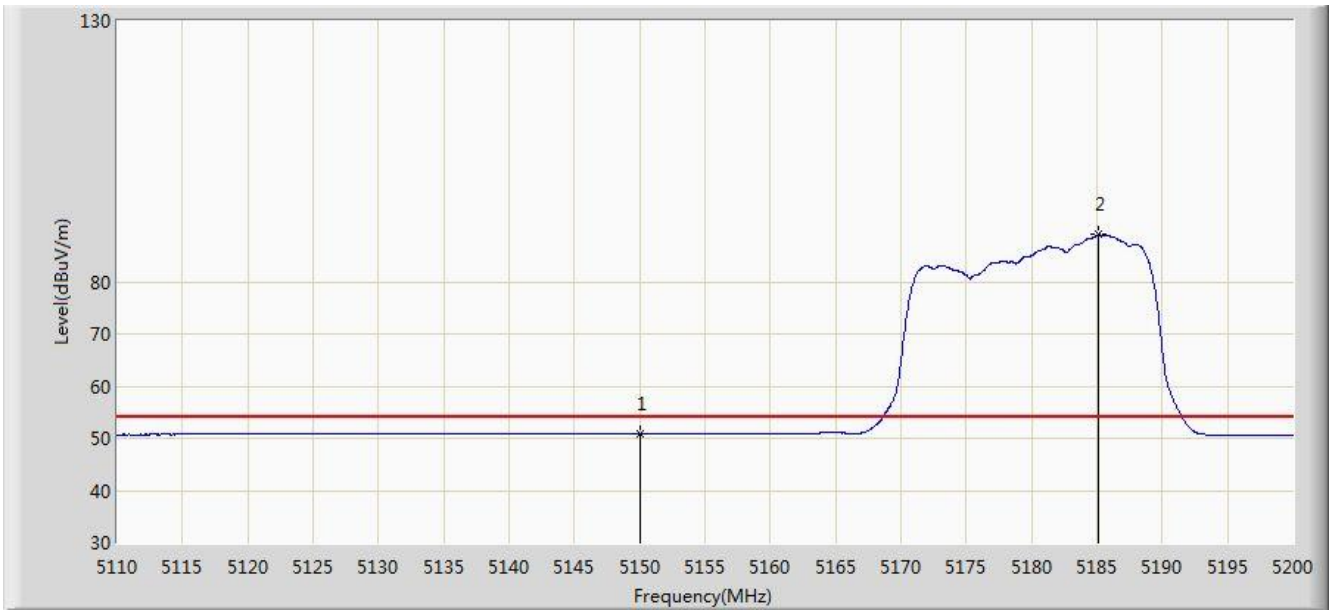


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.240	65.187	25.744	-8.813	74.000	39.443	PK
2			5150.000	63.614	24.173	-10.386	74.000	39.442	PK
3		*	5185.285	100.078	60.722	N/A	N/A	39.356	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1+2+3	

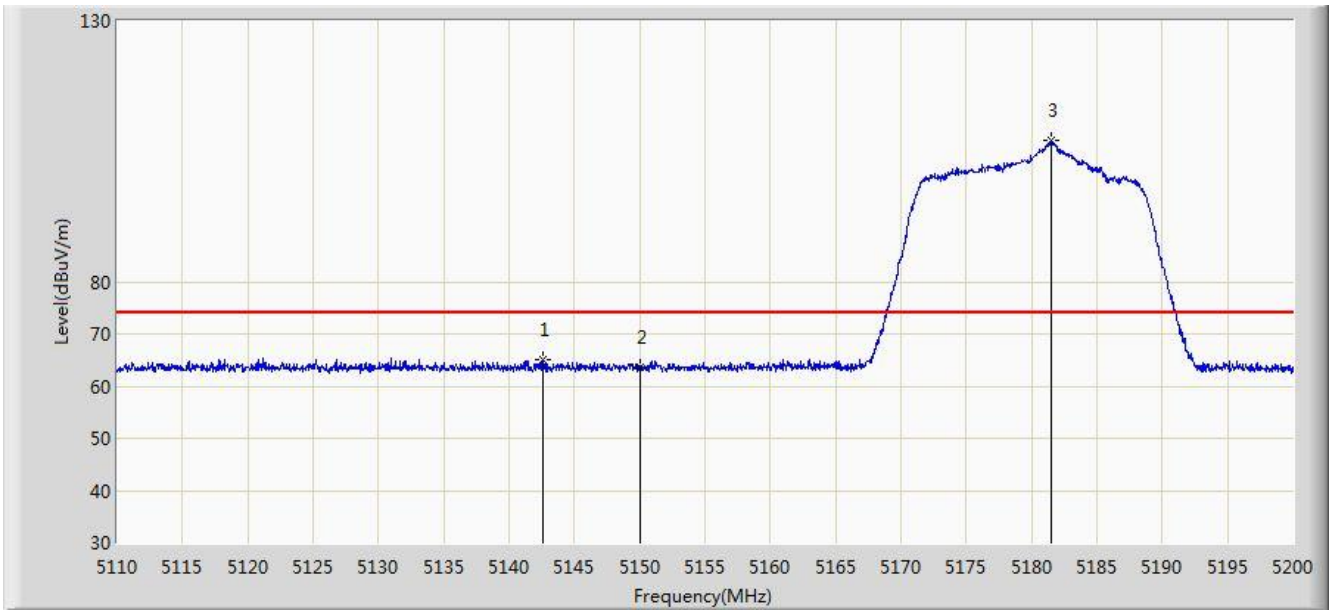


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.823	11.382	-3.177	54.000	39.442	AV
2		*	5185.105	89.021	49.665	N/A	N/A	39.356	AV

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

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

Site: AC1	Time: 2017/03/23 - 16:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1+2+3	

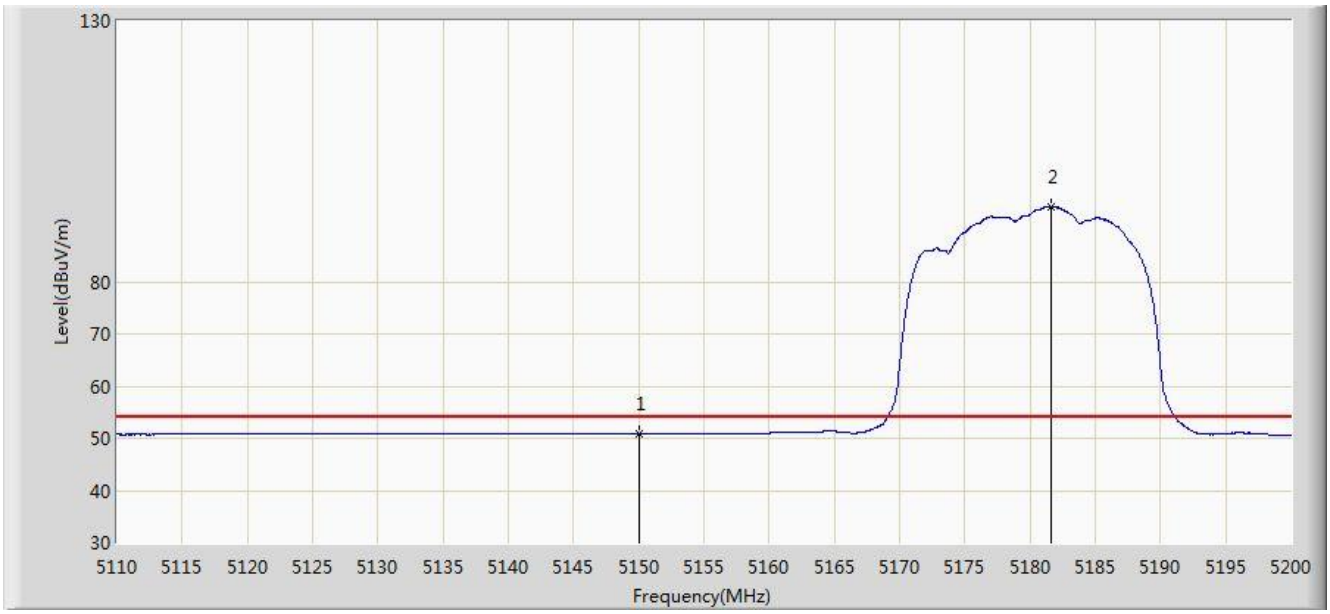


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.580	64.941	25.495	-9.059	74.000	39.445	PK
2			5150.000	63.766	24.325	-10.234	74.000	39.442	PK
3		*	5181.505	107.031	67.666	N/A	N/A	39.366	PK

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

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

Site: AC1	Time: 2017/03/23 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1+2+3	

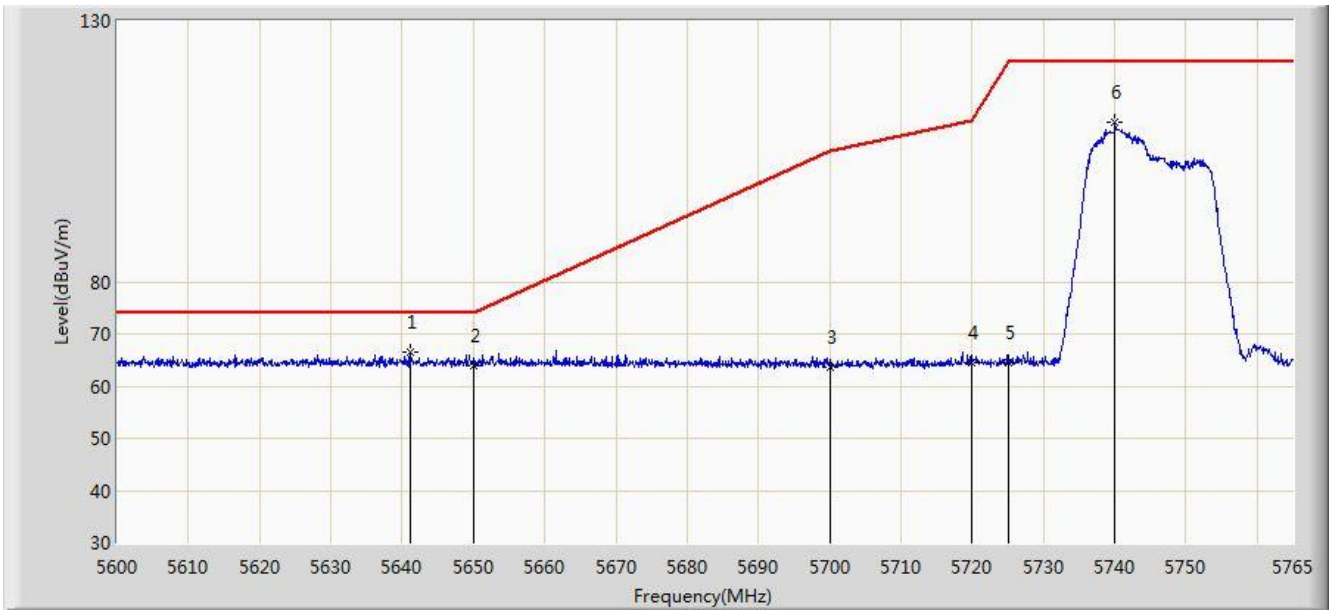


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.821	11.380	-3.179	54.000	39.442	AV
2		*	5181.595	94.443	55.078	N/A	N/A	39.365	AV

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

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

Site: AC1	Time: 2017/03/23 - 17:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0+1+2+3	

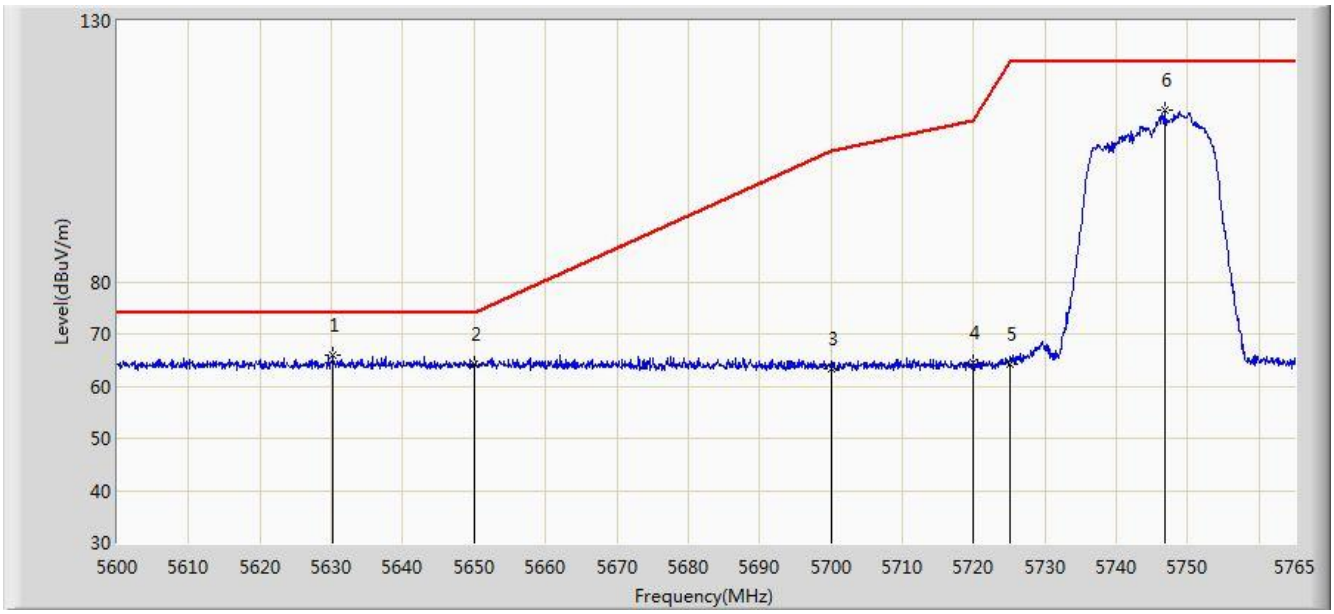


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.167	66.520	26.610	-7.480	74.000	39.910	PK
2			5650.000	64.018	24.089	-9.982	74.000	39.929	PK
3			5700.000	63.630	23.573	-41.570	105.200	40.057	PK
4			5720.000	64.417	24.276	-46.383	110.800	40.141	PK
5			5725.000	64.636	24.472	-57.564	122.200	40.164	PK
6			5740.002	110.499	70.266	N/A	N/A	40.233	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0+1+2+3	

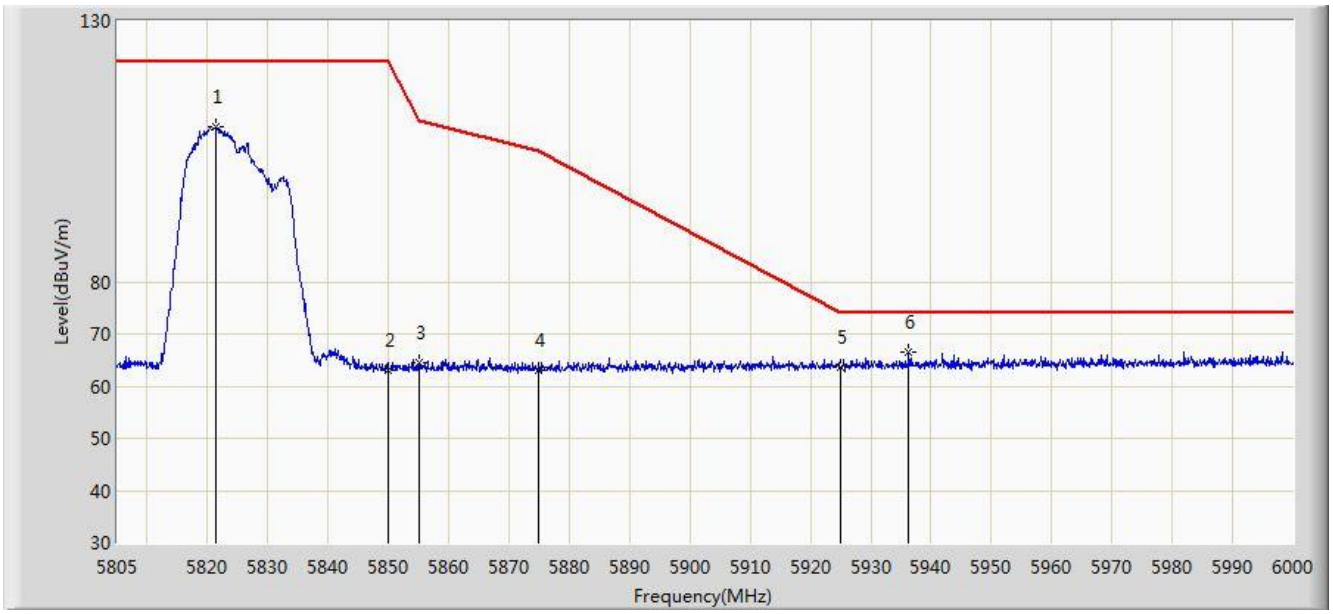


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.277	65.992	26.102	-8.008	74.000	39.890	PK
2			5650.000	64.135	24.206	-9.865	74.000	39.929	PK
3			5700.000	63.320	23.263	-41.880	105.200	40.057	PK
4			5720.000	64.500	24.359	-46.300	110.800	40.141	PK
5			5725.000	64.165	24.001	-58.035	122.200	40.164	PK
6			5746.768	112.781	72.519	N/A	N/A	40.262	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0+1+2+3	

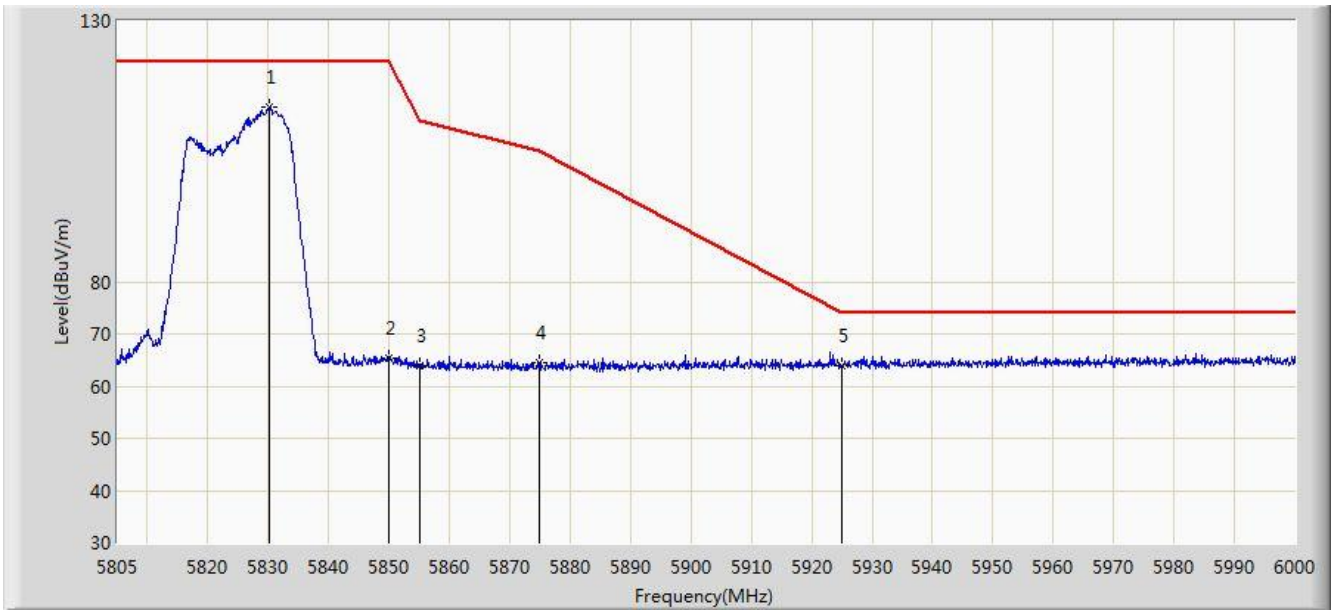


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.283	109.723	69.171	N/A	N/A	40.552	PK
2			5850.000	63.136	22.470	-59.064	122.200	40.666	PK
3			5855.000	64.423	23.745	-46.377	110.800	40.678	PK
4			5875.000	62.975	22.255	-42.225	105.200	40.720	PK
5			5925.000	63.489	22.697	-10.511	74.000	40.792	PK
6		*	5936.333	66.632	25.828	-7.368	74.000	40.804	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0+1+2+3	

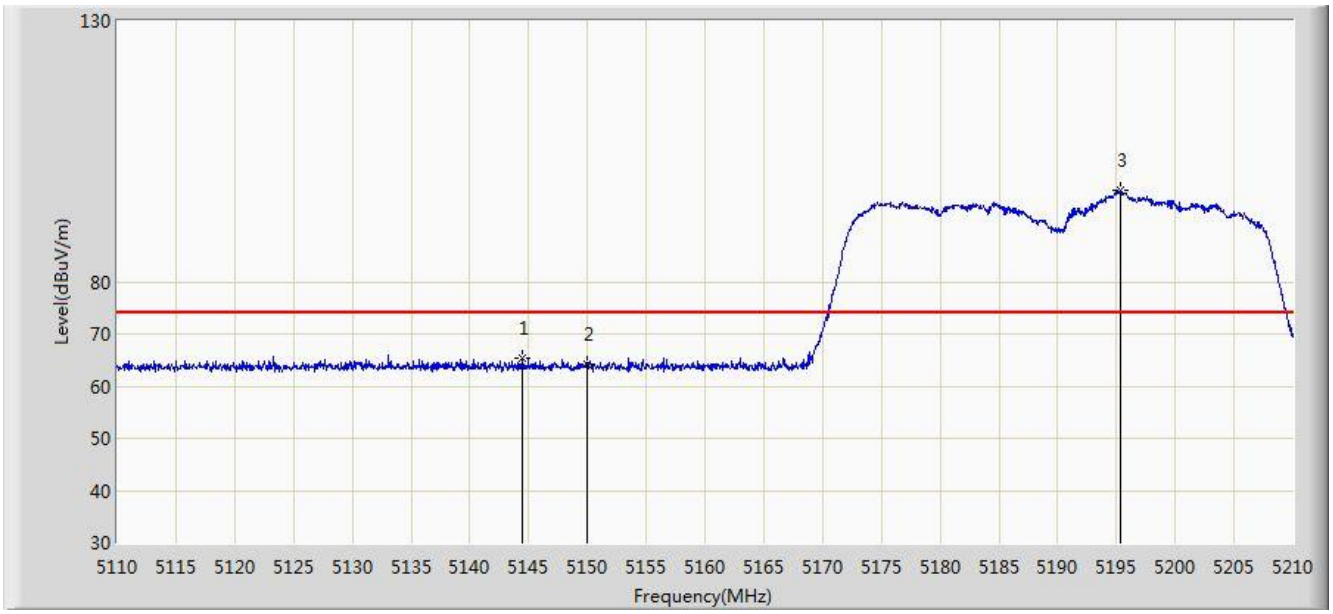


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.155	113.529	72.939	N/A	N/A	40.589	PK
2			5850.000	65.321	24.655	-56.879	122.200	40.666	PK
3			5855.000	64.034	23.356	-46.766	110.800	40.678	PK
4			5875.000	64.453	23.733	-40.747	105.200	40.720	PK
5			5925.000	63.943	23.151	-10.057	74.000	40.792	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2+3	

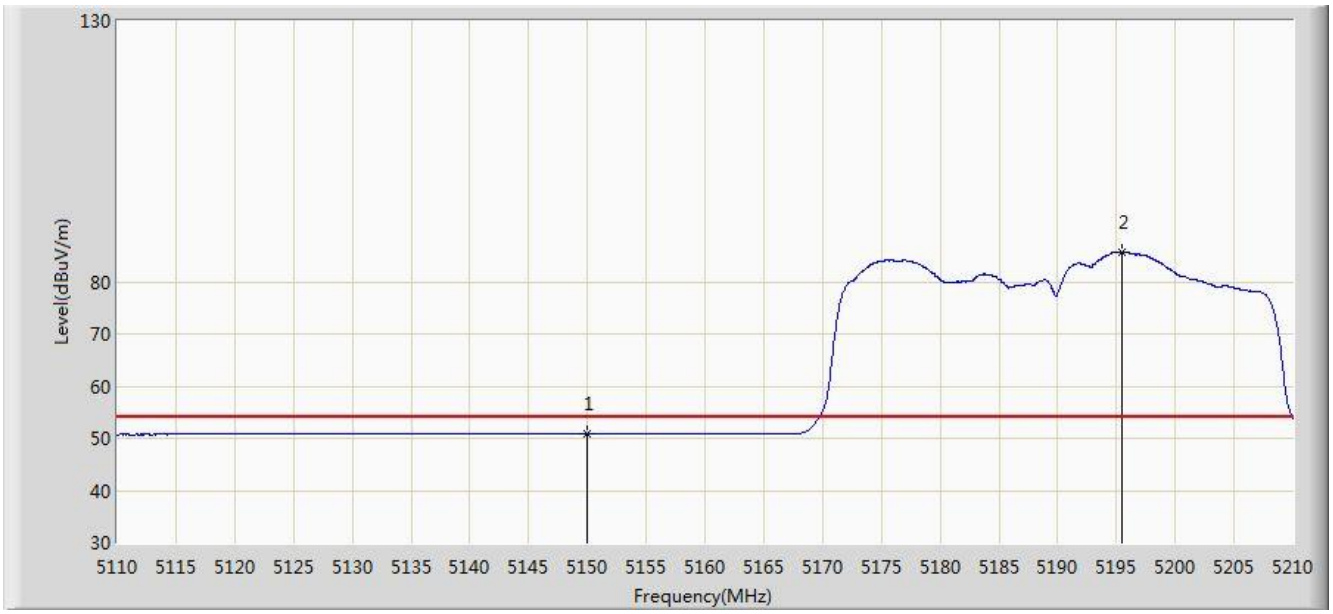


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.450	65.413	25.967	-8.587	74.000	39.446	PK
2			5150.000	64.215	24.774	-9.785	74.000	39.442	PK
3		*	5195.400	97.469	58.139	N/A	N/A	39.329	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2+3	

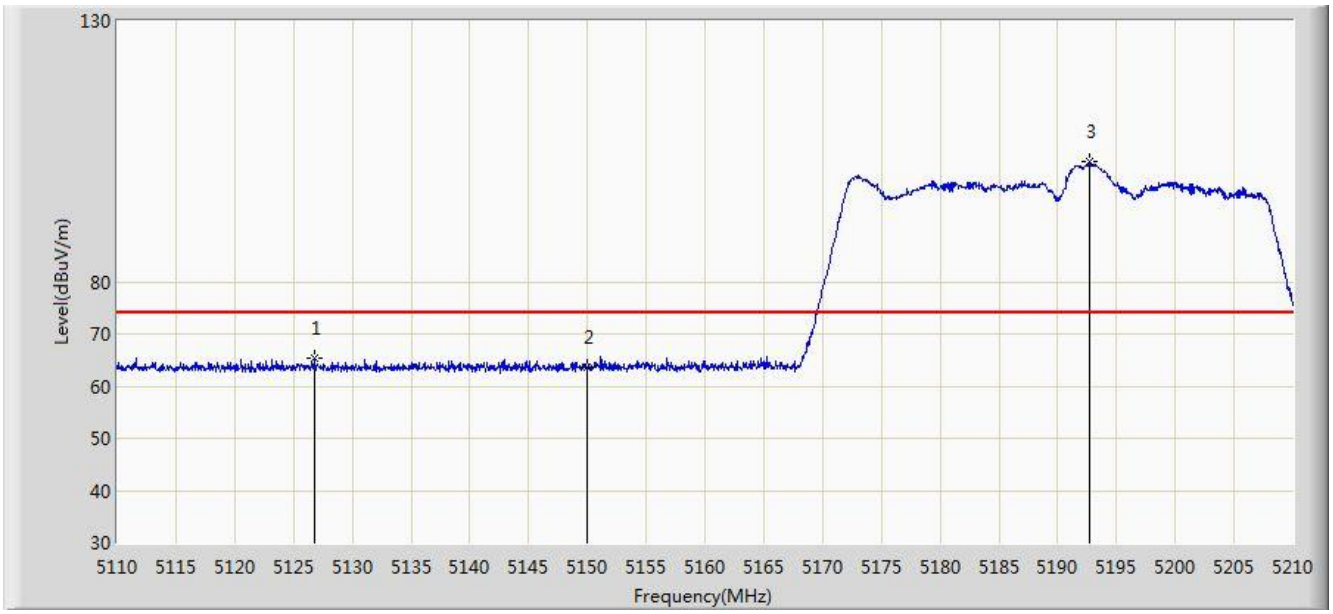


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.804	11.363	-3.196	54.000	39.442	AV
2		*	5195.500	85.654	46.324	N/A	N/A	39.330	AV

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

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

Site: AC1	Time: 2017/03/23 - 17:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2+3	

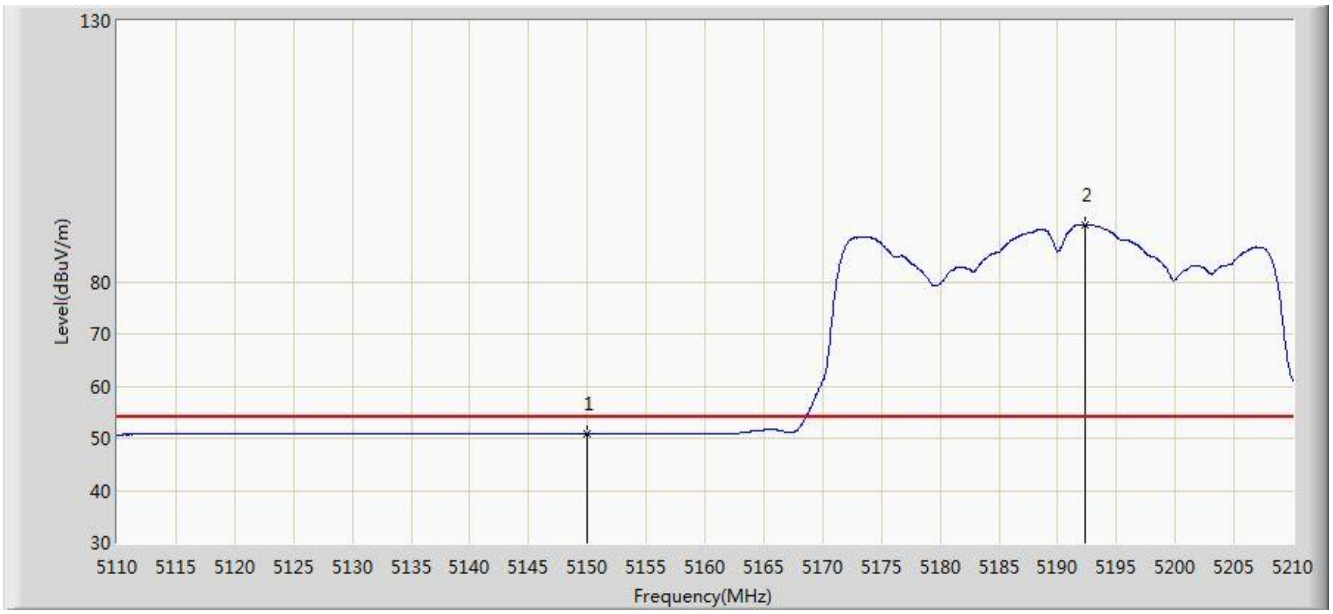


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5126.750	65.496	26.051	-8.504	74.000	39.444	PK
2			5150.000	63.635	24.194	-10.365	74.000	39.442	PK
3		*	5192.750	103.034	63.697	N/A	N/A	39.336	PK

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

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

Site: AC1	Time: 2017/03/23 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2+3	

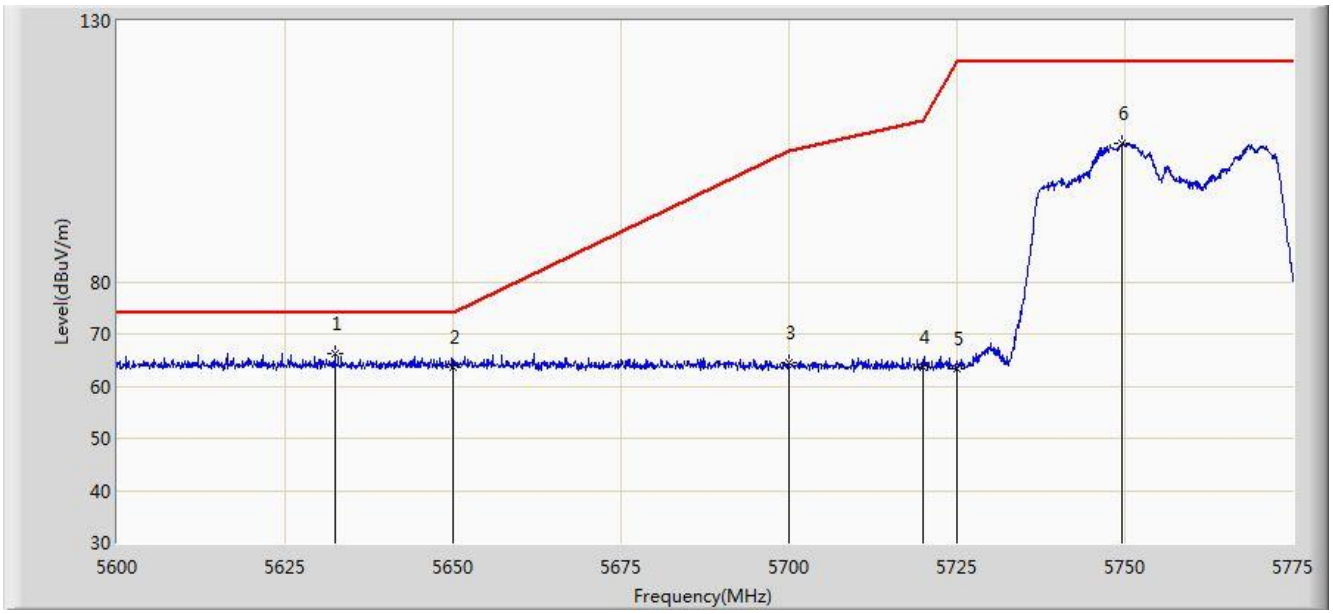


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.869	11.428	-3.131	54.000	39.442	AV
2		*	5192.350	90.941	51.603	N/A	N/A	39.338	AV

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

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

Site: AC1	Time: 2017/03/23 - 18:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1+2+3	

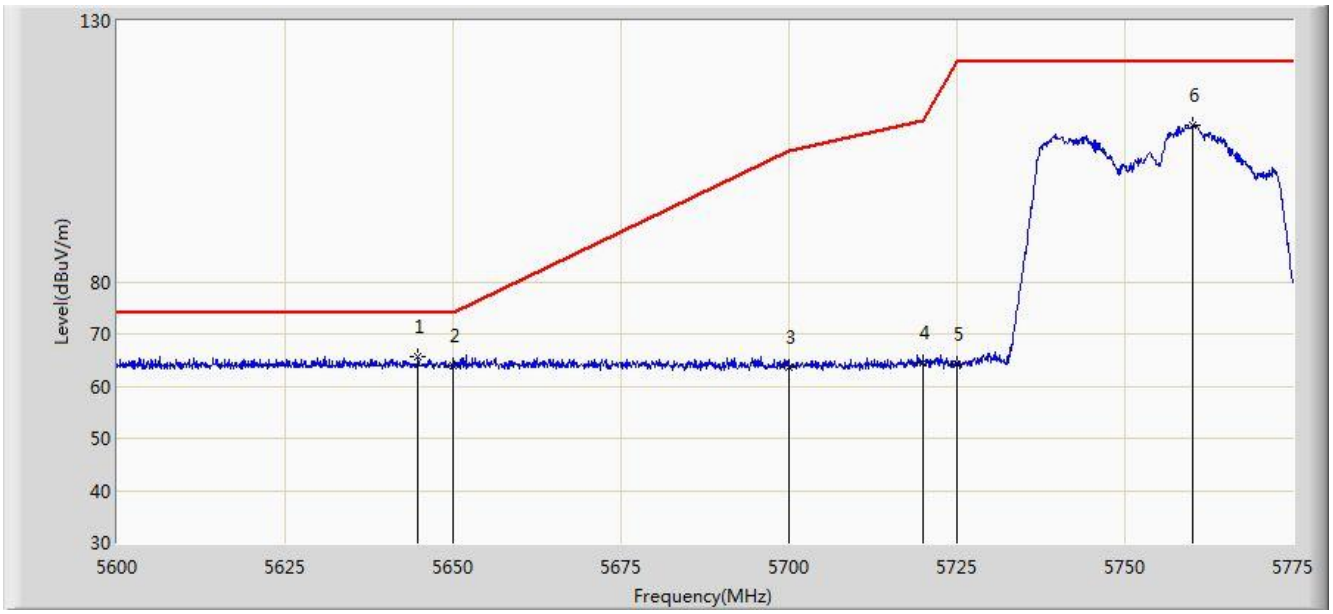


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5632.375	66.251	26.357	-7.749	74.000	39.894	PK
2			5650.000	63.618	23.689	-10.382	74.000	39.929	PK
3			5700.000	64.466	24.409	-40.734	105.200	40.057	PK
4			5720.000	63.600	23.459	-47.200	110.800	40.141	PK
5			5725.000	63.433	23.269	-58.767	122.200	40.164	PK
6			5749.625	106.592	66.318	N/A	N/A	40.273	PK

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

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

Site: AC1	Time: 2017/03/23 - 18:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1+2+3	

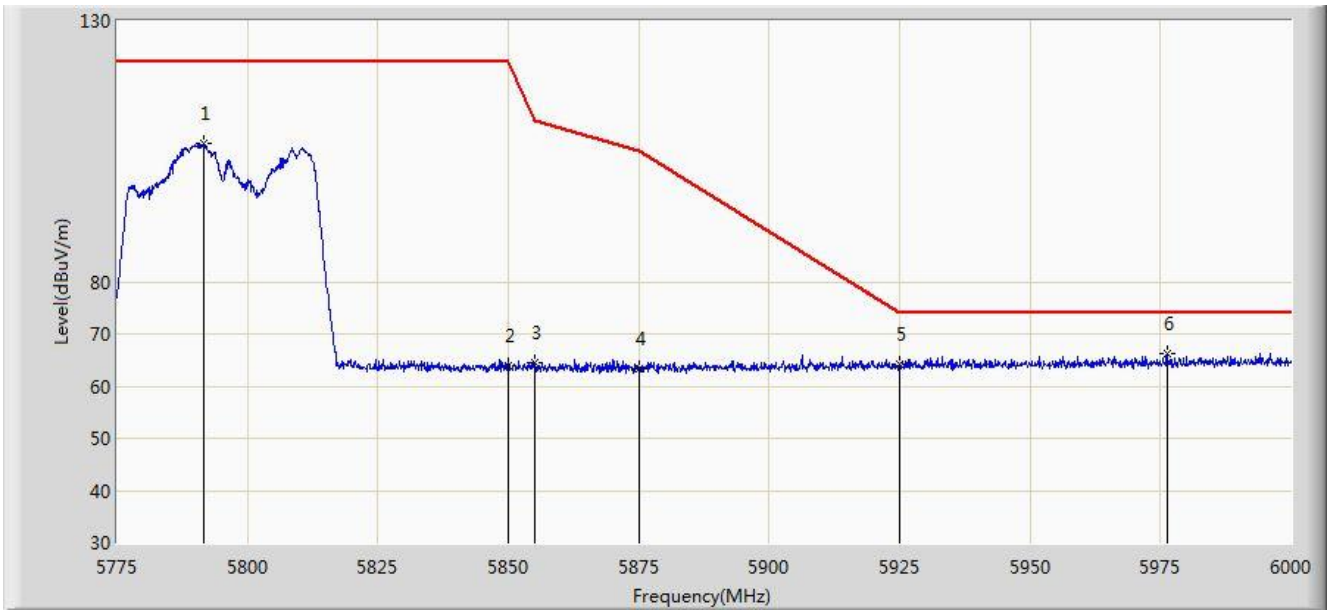


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.800	65.783	25.865	-8.217	74.000	39.918	PK
2			5650.000	64.055	24.126	-9.945	74.000	39.929	PK
3			5700.000	63.702	23.645	-41.498	105.200	40.057	PK
4			5720.000	64.415	24.274	-46.385	110.800	40.141	PK
5			5725.000	64.123	23.959	-58.077	122.200	40.164	PK
6			5760.125	110.117	69.801	N/A	N/A	40.316	PK

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

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

Site: AC1	Time: 2017/03/23 - 18:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1+2+3	

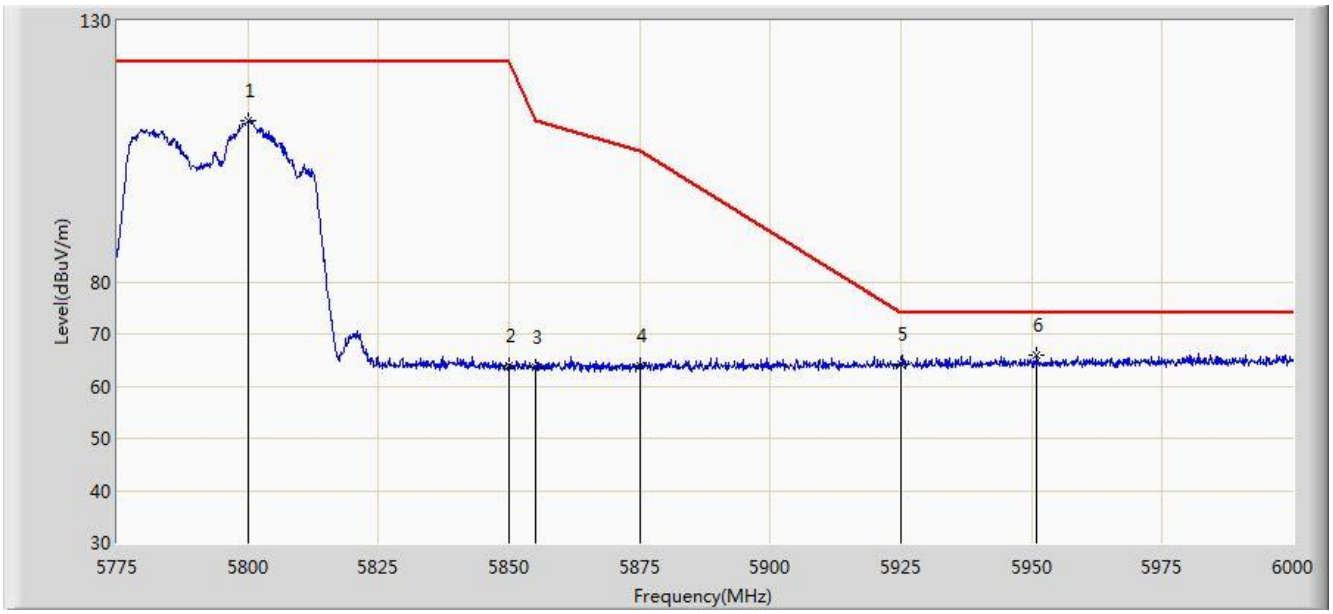


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.538	106.389	65.958	N/A	N/A	40.431	PK
2			5850.000	64.007	23.341	-58.193	122.200	40.666	PK
3			5855.000	64.530	23.852	-46.270	110.800	40.678	PK
4			5875.000	63.313	22.593	-41.887	105.200	40.720	PK
5			5925.000	64.196	23.404	-9.804	74.000	40.792	PK
6		*	5976.263	66.285	25.455	-7.715	74.000	40.830	PK

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

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

Site: AC1	Time: 2017/03/23 - 18:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1+2+3	

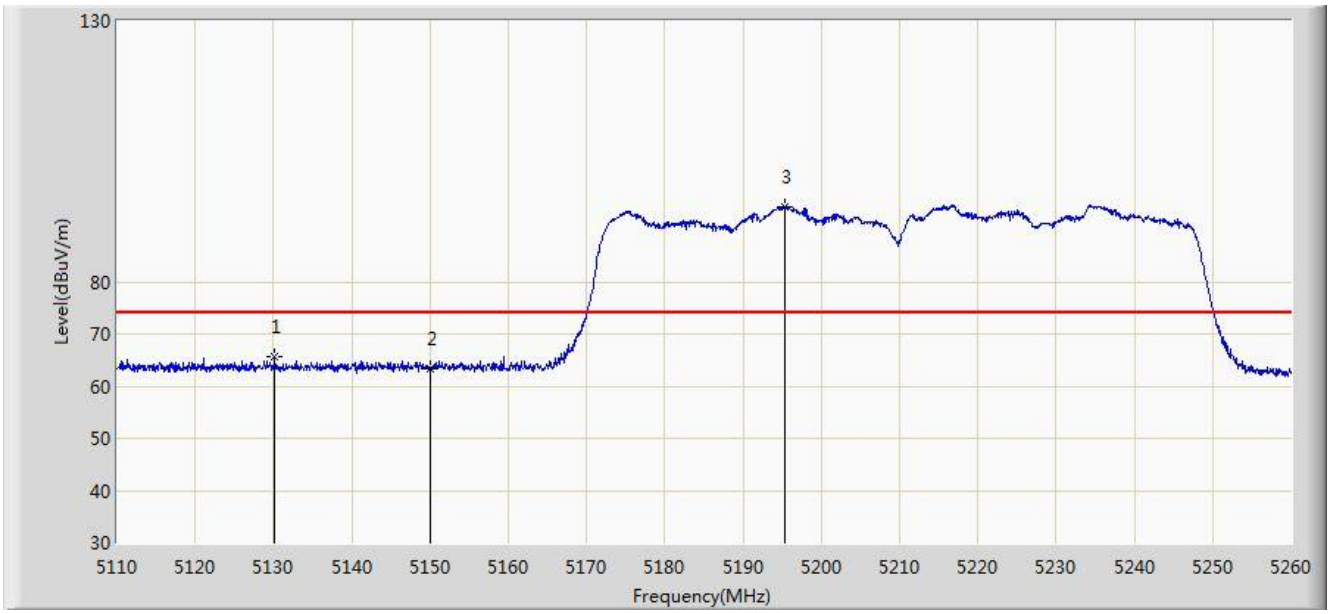


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5800.200	110.943	70.478	N/A	N/A	40.465	PK
2			5850.000	64.045	23.379	-58.155	122.200	40.666	PK
3			5855.000	63.571	22.893	-47.229	110.800	40.678	PK
4			5875.000	63.803	23.083	-41.397	105.200	40.720	PK
5			5925.000	64.263	23.471	-9.737	74.000	40.792	PK
6		*	5950.950	65.829	25.012	-8.171	74.000	40.817	PK

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

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

Site: AC1	Time: 2017/03/23 - 18:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2+3	

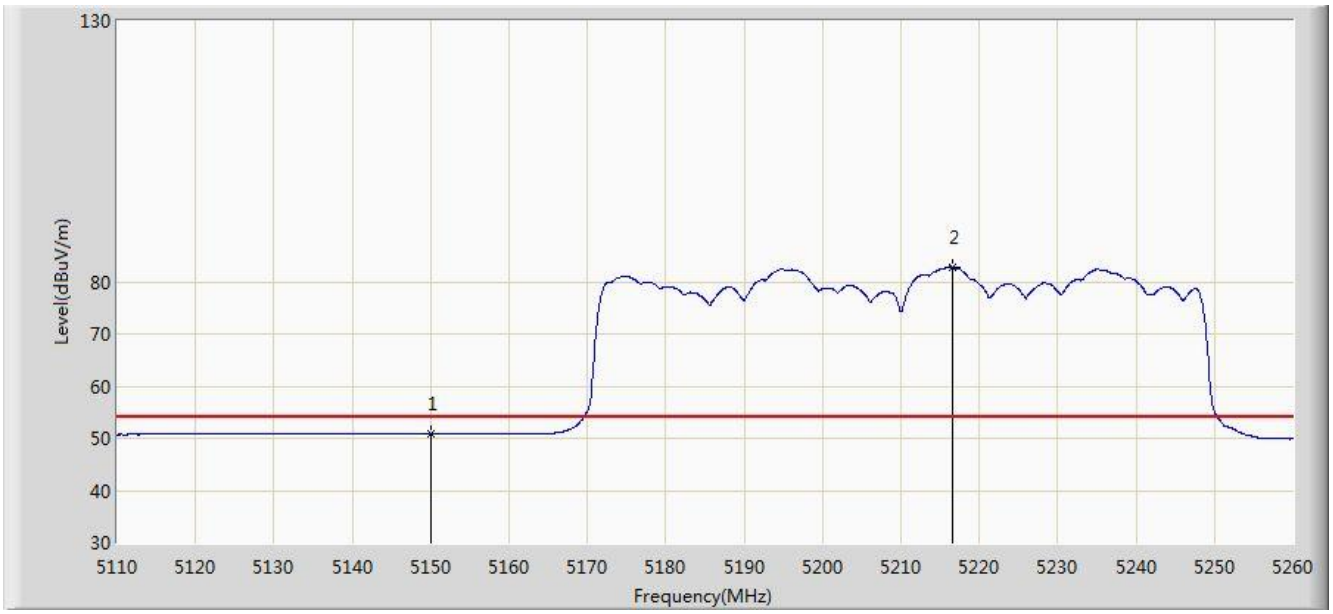


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5130.175	65.547	26.102	-8.453	74.000	39.445	PK
2			5150.000	63.396	23.955	-10.604	74.000	39.442	PK
3		*	5195.275	94.363	55.033	N/A	N/A	39.330	PK

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

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

Site: AC1	Time: 2017/03/23 - 18:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2+3	

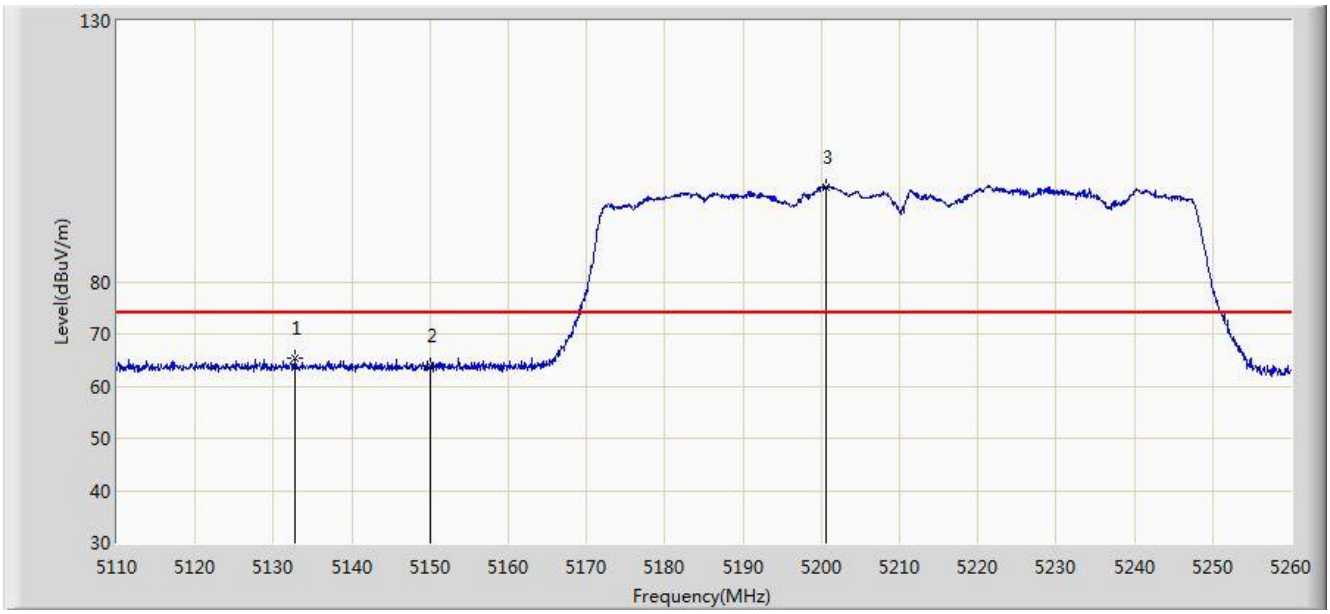


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.846	11.405	-3.154	54.000	39.442	AV
2		*	5216.500	82.849	43.566	N/A	N/A	39.283	AV

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

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

Site: AC1	Time: 2017/03/23 - 18:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2+3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5132.800	65.278	25.833	-8.722	74.000	39.445	PK
2			5150.000	63.811	24.370	-10.189	74.000	39.442	PK
3		*	5200.675	98.218	58.901	N/A	N/A	39.317	PK

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

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

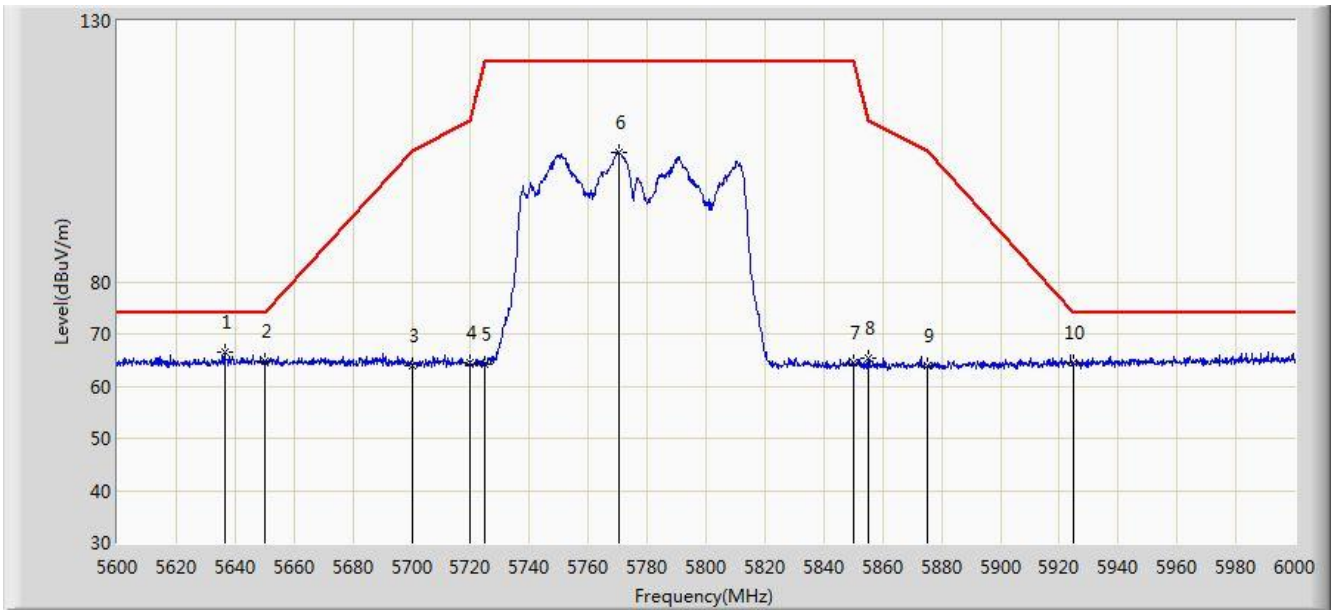
Site: AC1	Time: 2017/03/23 - 18:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2+3	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.889	11.448	-3.111	54.000	39.442	AV
2		*	5201.575	85.798	46.483	N/A	N/A	39.315	AV

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

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

Site: AC1	Time: 2017/03/23 - 19:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1+2+3	

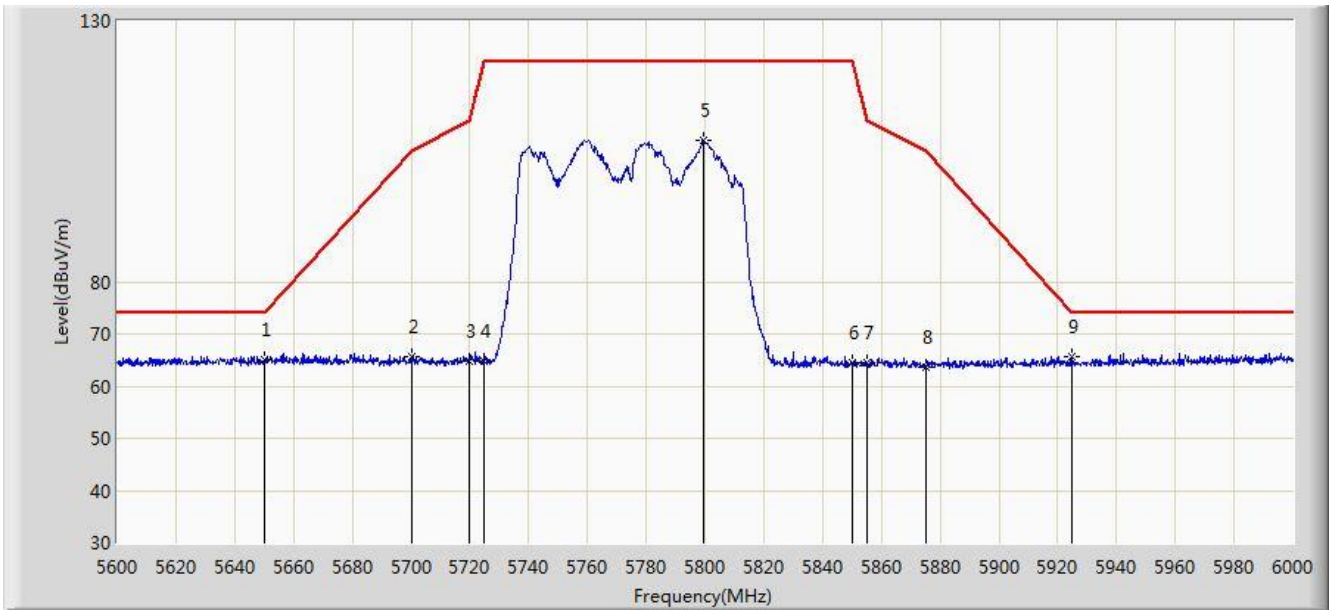


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5636.400	66.490	26.589	-7.510	74.000	39.901	PK
2			5650.000	64.883	24.954	-9.117	74.000	39.929	PK
3			5700.000	63.791	23.734	-41.409	105.200	40.057	PK
4			5720.000	64.578	24.437	-46.222	110.800	40.141	PK
5			5725.000	64.271	24.107	-57.929	122.200	40.164	PK
6			5770.400	104.729	64.374	N/A	N/A	40.354	PK
7			5850.000	64.513	23.847	-57.687	122.200	40.666	PK
8			5855.000	65.232	24.554	-45.568	110.800	40.678	PK
9			5875.000	63.933	23.213	-41.267	105.200	40.720	PK
10			5925.000	64.501	23.709	-9.499	74.000	40.792	PK

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

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

Site: AC1	Time: 2017/03/23 - 19:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1+2+3	

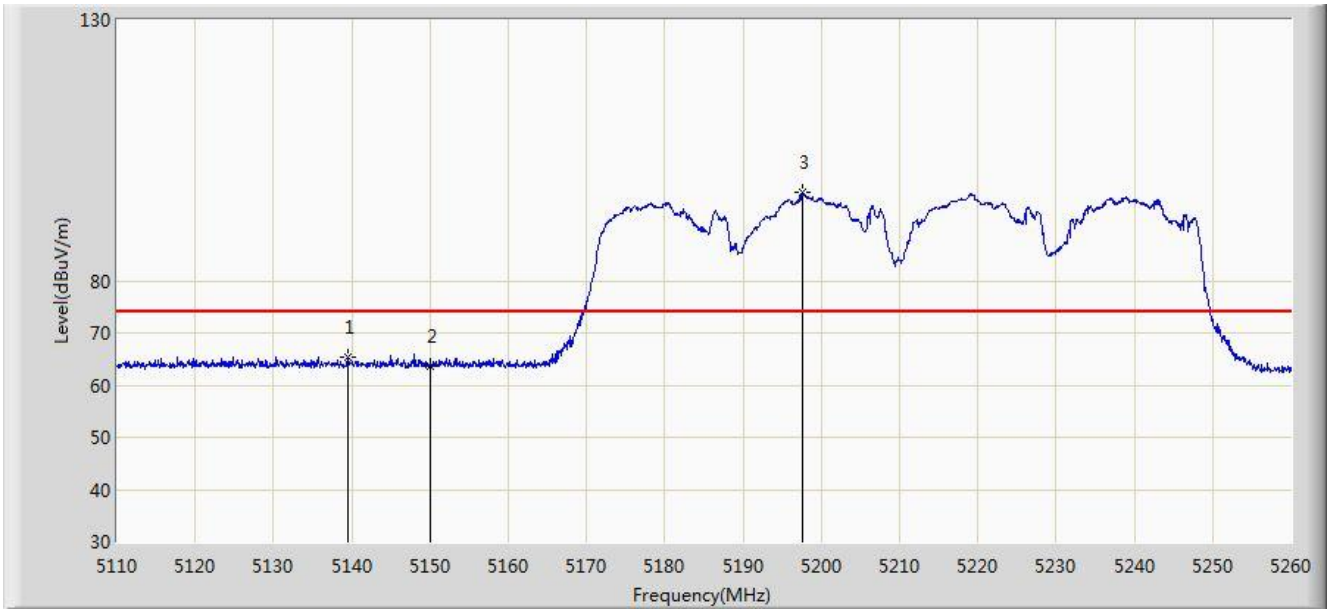


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	65.057	25.128	-8.943	74.000	39.929	PK
2			5700.000	65.728	25.671	-39.472	105.200	40.057	PK
3			5720.000	64.772	24.631	-46.028	110.800	40.141	PK
4			5725.000	64.668	24.504	-57.532	122.200	40.164	PK
5			5799.400	107.075	66.613	N/A	N/A	40.462	PK
6			5850.000	64.539	23.873	-57.661	122.200	40.666	PK
7			5855.000	64.485	23.807	-46.315	110.800	40.678	PK
8			5875.000	63.489	22.769	-41.711	105.200	40.720	PK
9		*	5925.000	65.649	24.857	-8.351	74.000	40.792	PK

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

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

Site: AC1	Time: 2017/03/23 - 21:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	

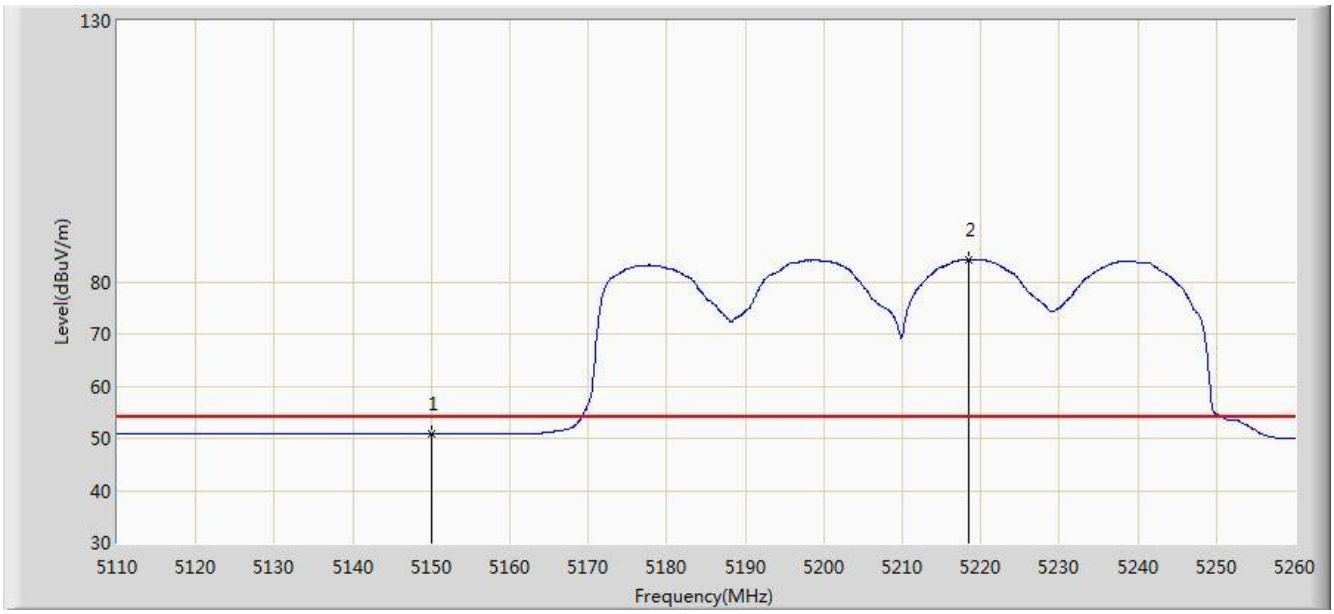


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.550	65.253	25.808	-8.747	74.000	39.445	PK
2			5150.000	63.688	24.247	-10.312	74.000	39.442	PK
3			5197.525	96.837	57.513	N/A	N/A	39.324	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2017/03/23 - 21:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	

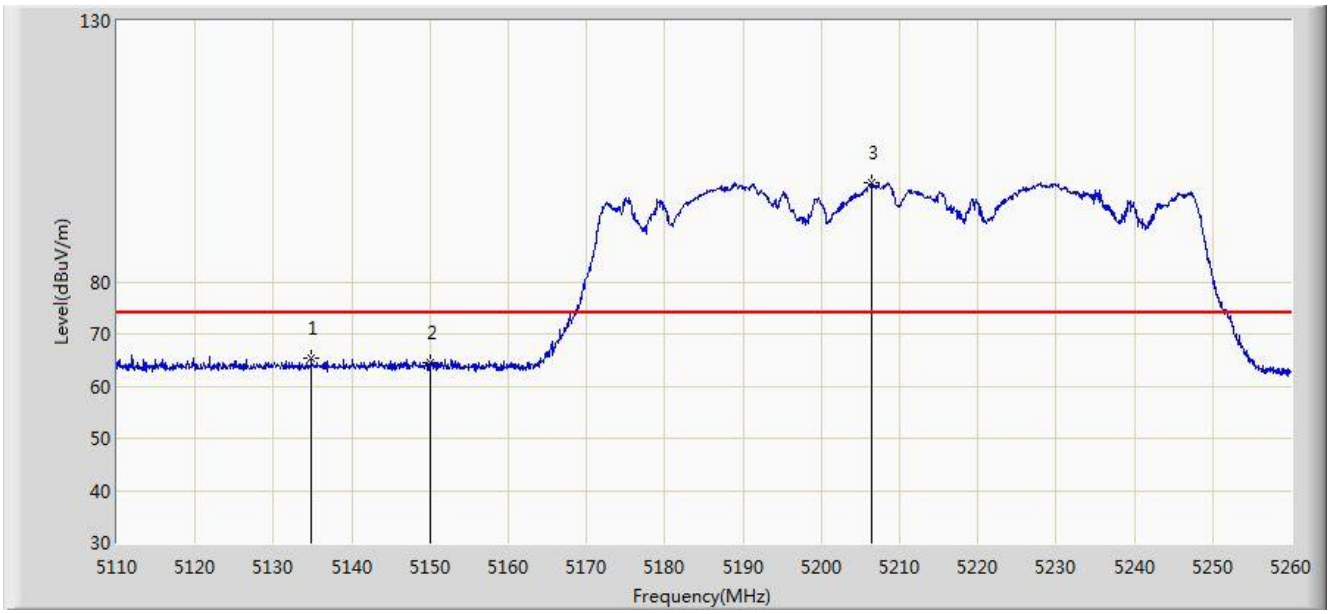


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.863	11.422	-3.137	54.000	39.442	AV
2			5218.375	84.212	44.933	N/A	N/A	39.279	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2017/03/23 - 21:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	

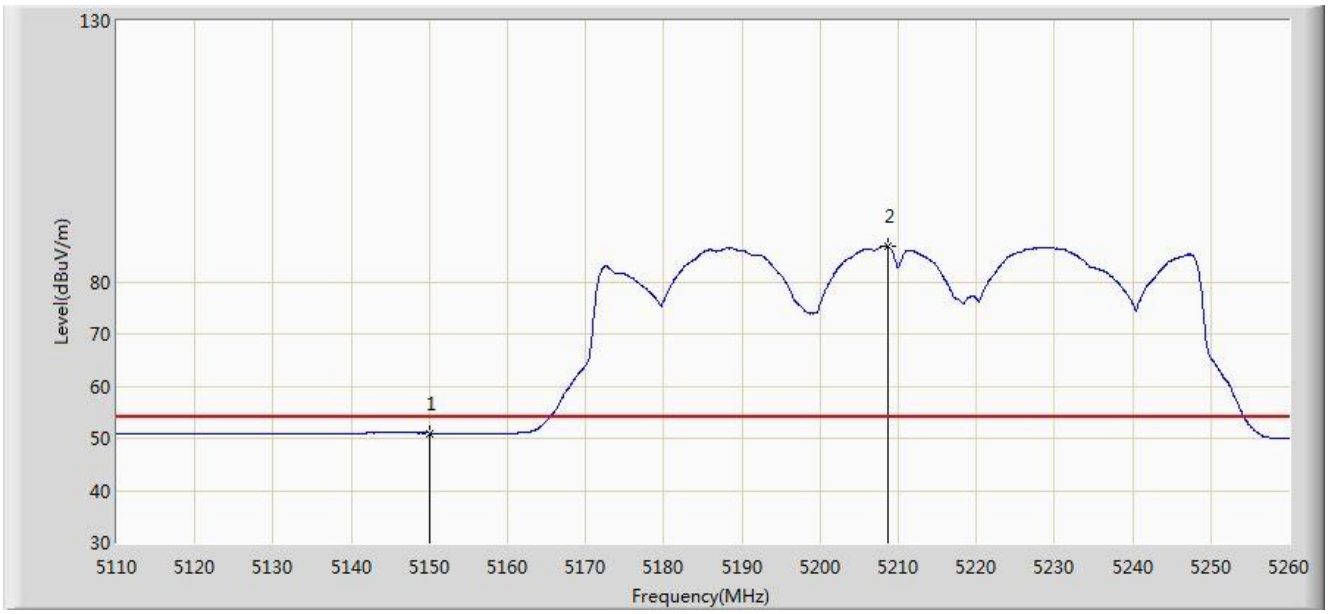


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.825	65.411	25.966	-8.589	74.000	39.445	PK
2			5150.000	64.379	24.938	-9.621	74.000	39.442	PK
3			5206.375	98.935	59.630	N/A	N/A	39.305	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2017/03/23 - 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	

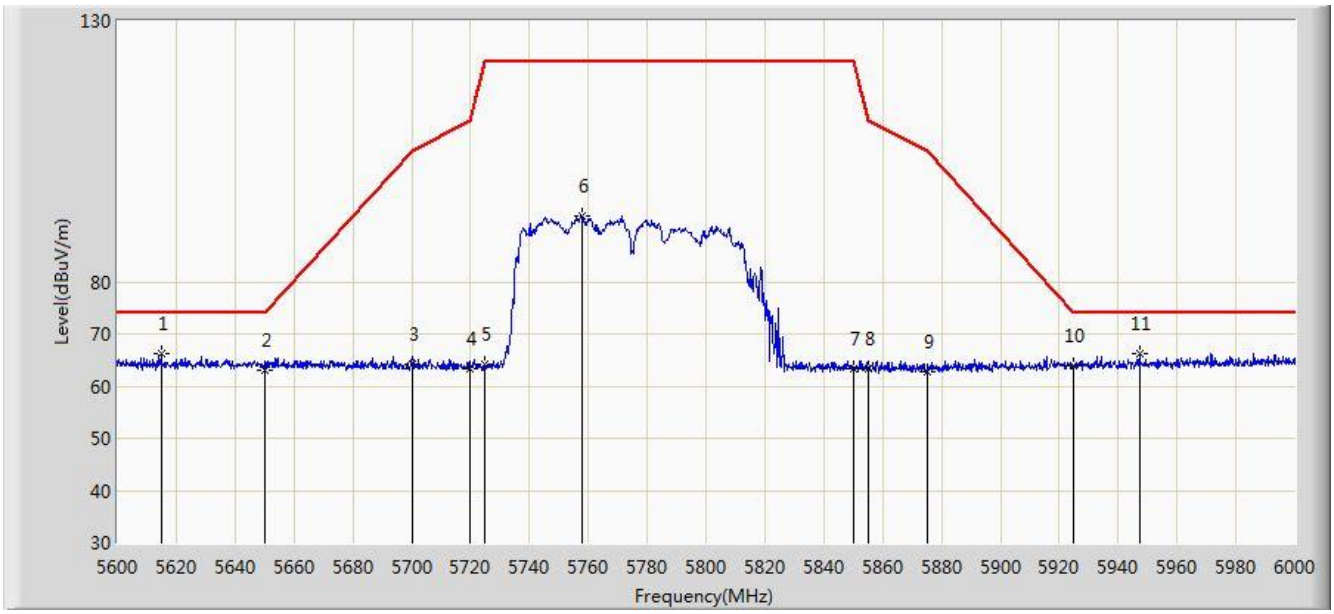


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.005	11.564	-2.995	54.000	39.442	AV
2			5208.625	86.767	47.467	N/A	N/A	39.300	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2017/03/23 - 21:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	

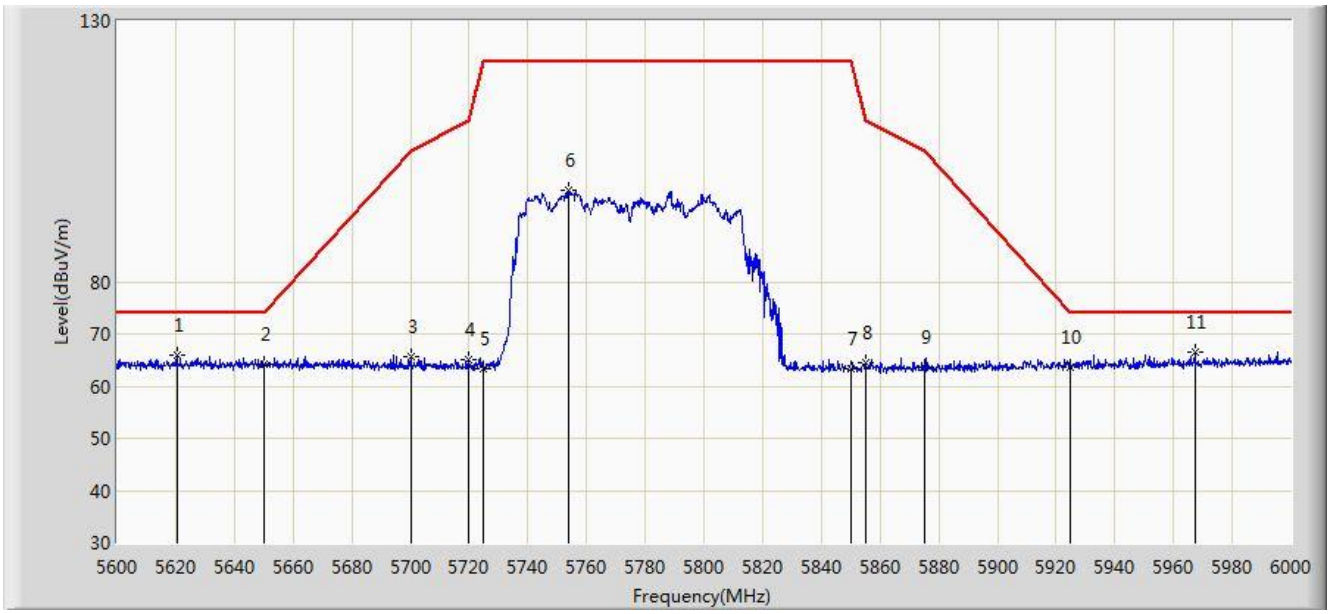


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5614.800	66.270	26.409	-7.730	74.000	39.861	PK
2			5650.000	63.014	23.085	-10.986	74.000	39.929	PK
3			5700.000	64.077	24.020	-41.123	105.200	40.057	PK
4			5720.000	63.373	23.232	-47.427	110.800	40.141	PK
5			5725.000	64.267	24.103	-57.933	122.200	40.164	PK
6			5757.800	92.473	52.166	N/A	N/A	40.307	PK
7			5850.000	63.253	22.587	-58.947	122.200	40.666	PK
8			5855.000	63.218	22.540	-47.582	110.800	40.678	PK
9			5875.000	62.751	22.031	-42.449	105.200	40.720	PK
10			5925.000	63.845	23.053	-10.155	74.000	40.792	PK
11			5947.200	66.135	25.320	-7.865	74.000	40.815	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2017/03/23 - 21:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 Mode at channel 5210MHz + 5775MHz Ant 0+1+2+3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.400	65.926	26.055	-8.074	74.000	39.871	PK
2			5650.000	64.108	24.179	-9.892	74.000	39.929	PK
3			5700.000	65.539	25.482	-39.661	105.200	40.057	PK
4			5720.000	65.060	24.919	-45.740	110.800	40.141	PK
5			5725.000	63.214	23.050	-58.986	122.200	40.164	PK
6			5753.800	97.511	57.220	N/A	N/A	40.291	PK
7			5850.000	63.242	22.576	-58.958	122.200	40.666	PK
8			5855.000	64.350	23.672	-46.450	110.800	40.678	PK
9			5875.000	63.526	22.806	-41.674	105.200	40.720	PK
10			5925.000	63.482	22.690	-10.518	74.000	40.792	PK
11			5967.400	66.406	25.580	-7.594	74.000	40.826	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
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.

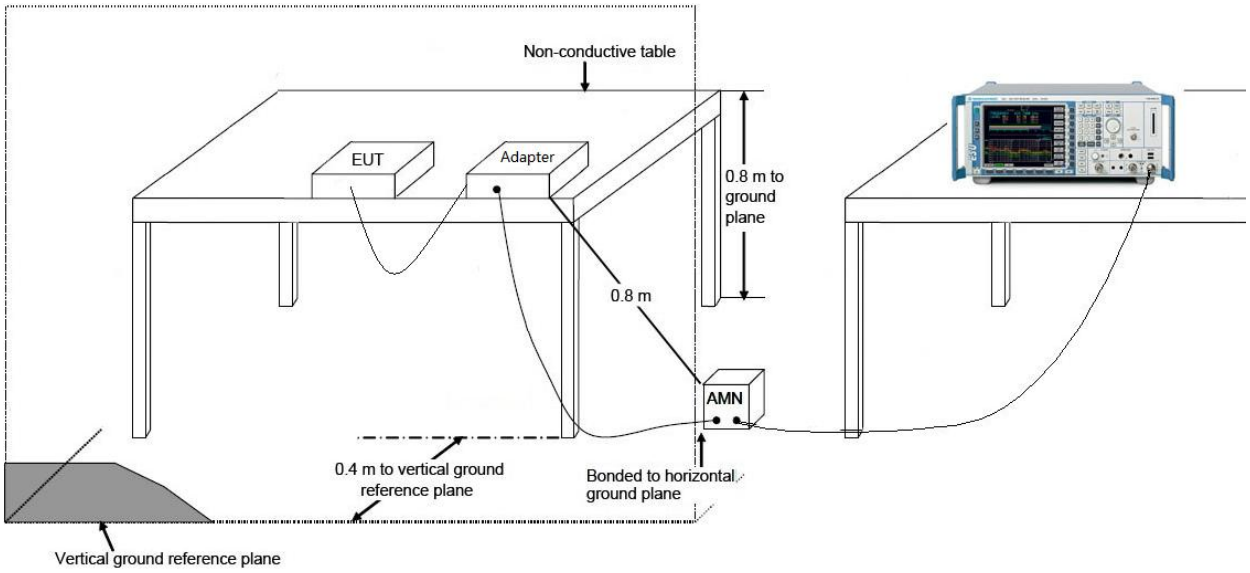
7.10.2. Test Procedure

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.

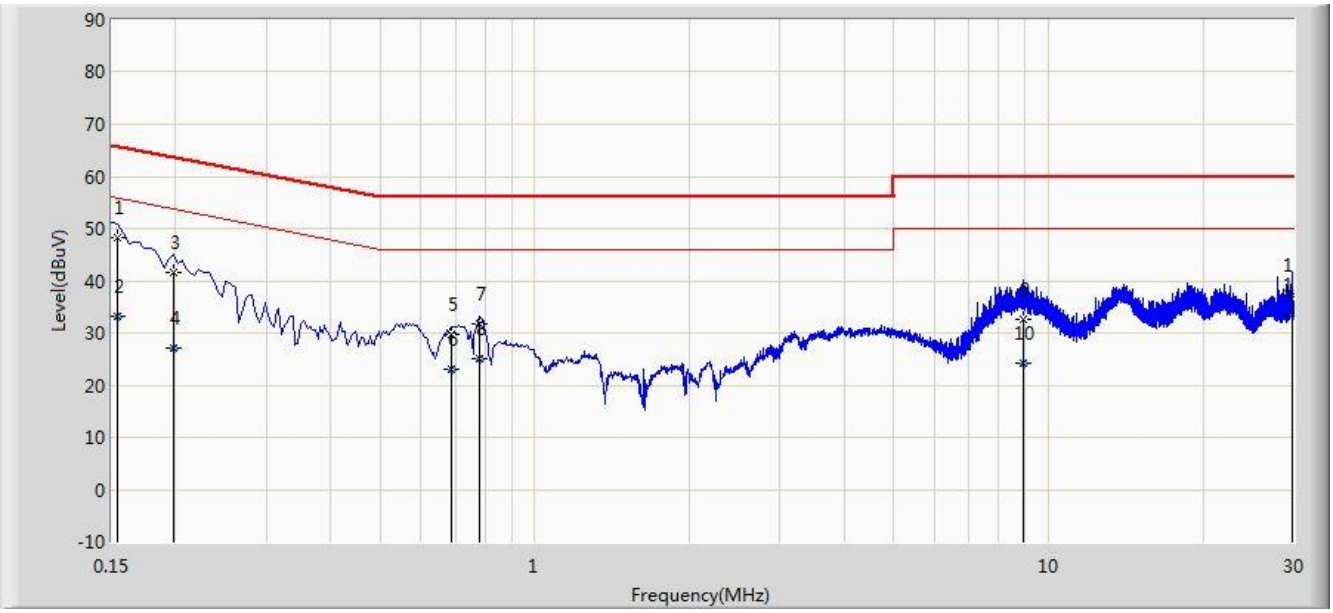
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2017/03/03 - 11:35
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Note: Mode 1	

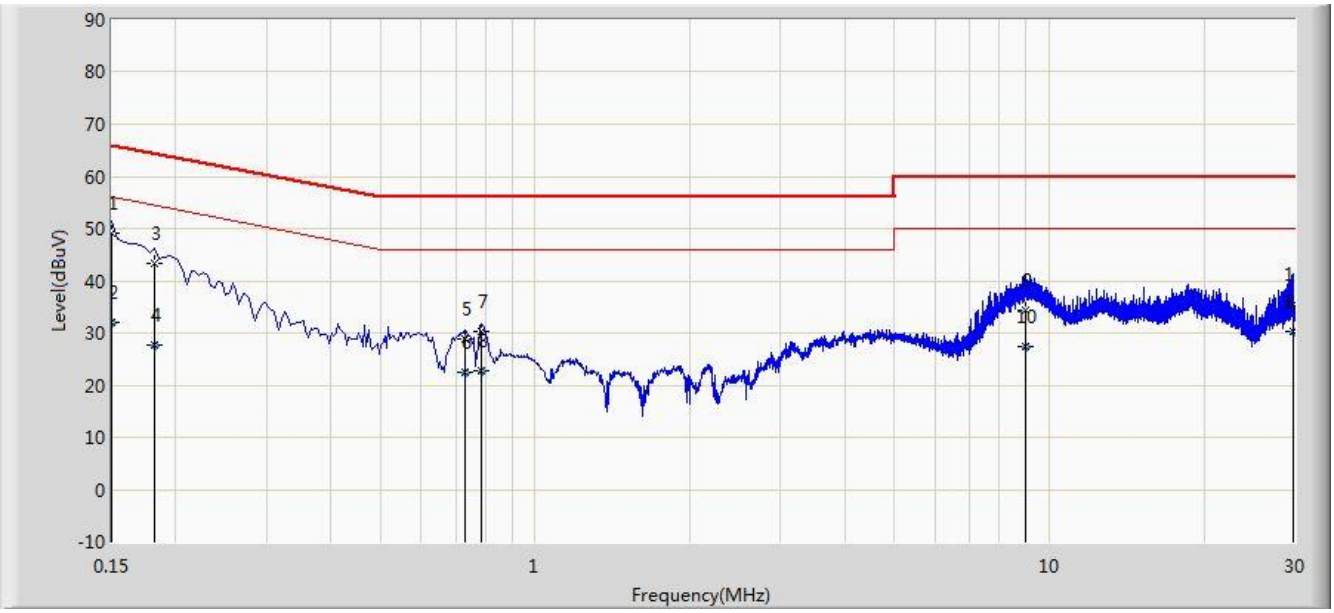


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	48.250	37.510	-17.532	65.781	10.740	QP
2			0.154	33.229	22.489	-22.553	55.781	10.740	AV
3			0.198	41.506	31.501	-22.188	63.694	10.005	QP
4			0.198	27.236	17.231	-26.458	53.694	10.005	AV
5			0.690	29.644	19.576	-26.356	56.000	10.068	QP
6			0.690	23.103	13.035	-22.897	46.000	10.068	AV
7			0.782	31.819	21.799	-24.181	56.000	10.020	QP
8			0.782	25.117	15.097	-20.883	46.000	10.020	AV
9			8.954	32.476	22.323	-27.524	60.000	10.153	QP
10			8.954	24.143	13.990	-25.857	50.000	10.153	AV
11			29.826	37.339	27.067	-22.661	60.000	10.272	QP
12		*	29.826	33.615	23.343	-16.385	50.000	10.272	AV

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

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

Site: SR2	Time: 2017/03/03 - 11:40
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Note: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	49.100	37.958	-16.900	66.000	11.142	QP
2			0.150	31.971	20.829	-24.029	56.000	11.142	AV
3			0.182	43.389	33.347	-21.005	64.394	10.042	QP
4			0.182	27.717	17.675	-26.677	54.394	10.042	AV
5			0.730	28.903	18.845	-27.097	56.000	10.058	QP
6			0.730	22.434	12.376	-23.566	46.000	10.058	AV
7			0.786	30.209	20.182	-25.791	56.000	10.027	QP
8			0.786	22.748	12.721	-23.252	46.000	10.027	AV
9			8.974	34.394	24.223	-25.606	60.000	10.171	QP
10			8.974	27.275	17.104	-22.725	50.000	10.171	AV
11			29.834	35.576	25.136	-24.424	60.000	10.439	QP
12			29.834	30.379	19.940	-19.621	50.000	10.439	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 **US WI-FI AP 4X4 OD ext. antenna FCC ID: 2AD8UFZCWO4A1** is in compliance with Part 15E of the FCC Rules.

The End