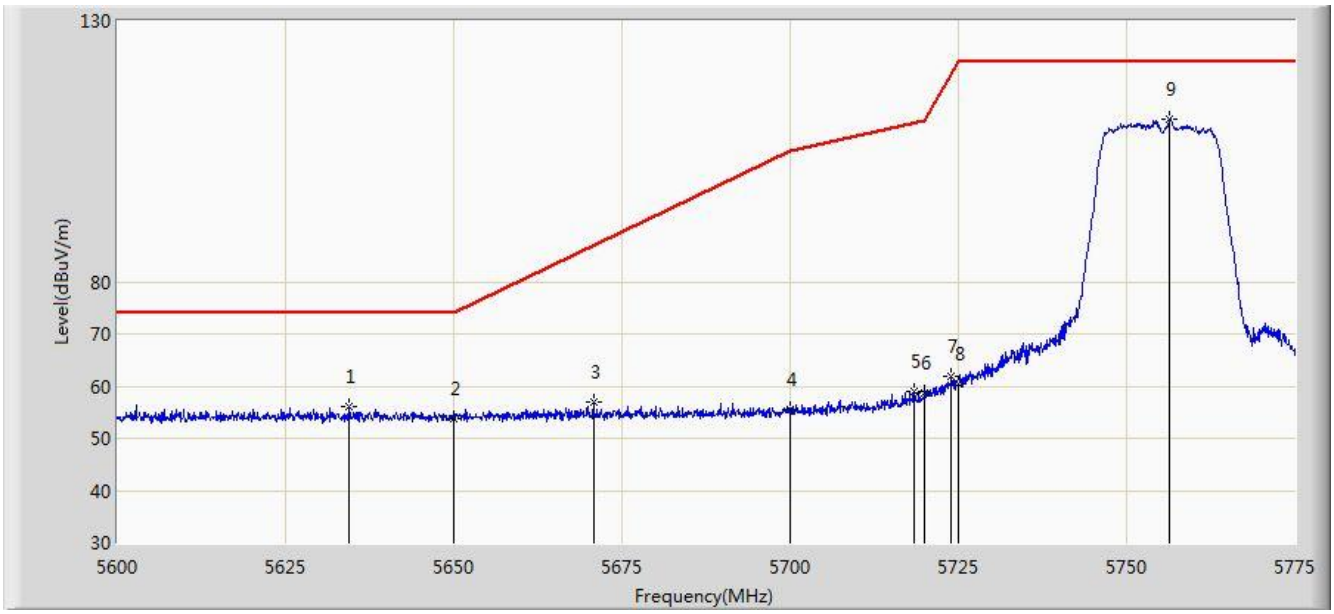
Site: AC1	Time: 2016/08/28 - 18:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5755MHz Ant 2	

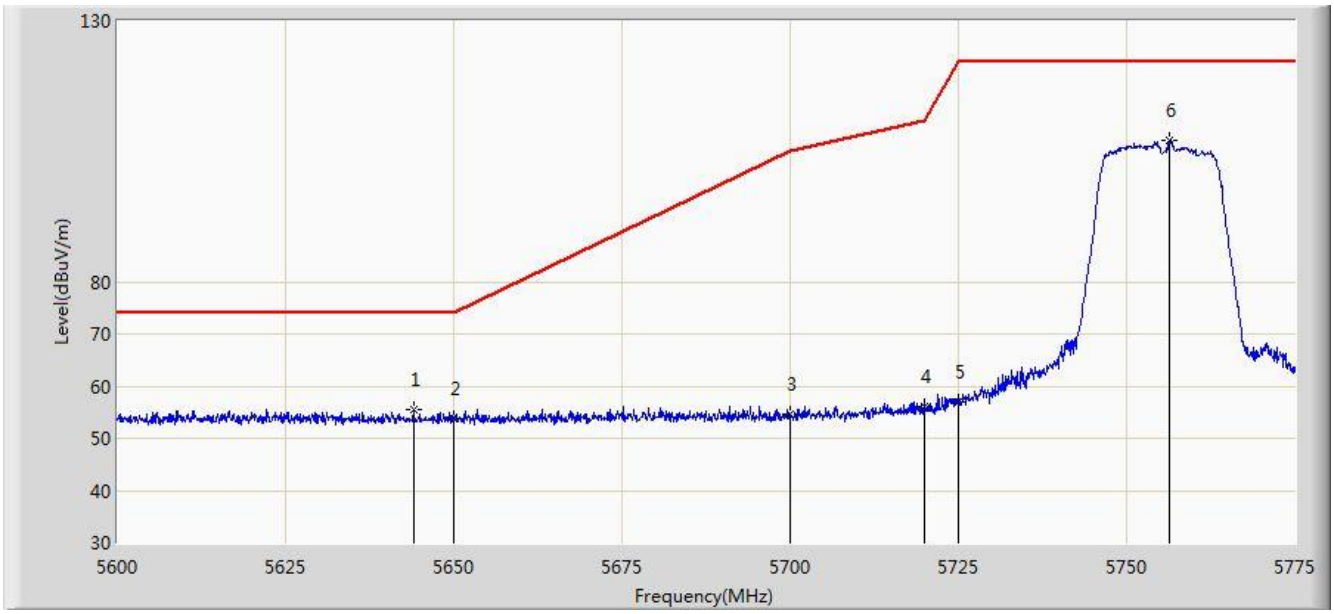


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.388	56.128	51.506	-17.872	74.000	4.621	PK
2			5650.000	53.864	49.193	-20.136	74.000	4.671	PK
3			5670.788	57.011	52.261	-29.994	87.005	4.750	PK
4			5700.000	55.581	50.703	-49.619	105.200	4.878	PK
5			5718.388	59.046	54.059	-51.304	110.349	4.986	PK
6			5720.000	58.820	53.823	-51.980	110.800	4.997	PK
7			5723.987	61.961	56.939	-57.930	119.891	5.022	PK
8			5725.000	60.412	55.383	-61.788	122.200	5.029	PK
9		*	5756.450	111.214	105.994	N/A	N/A	5.220	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: 2016/08/28 - 18:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5755MHz Ant 2	

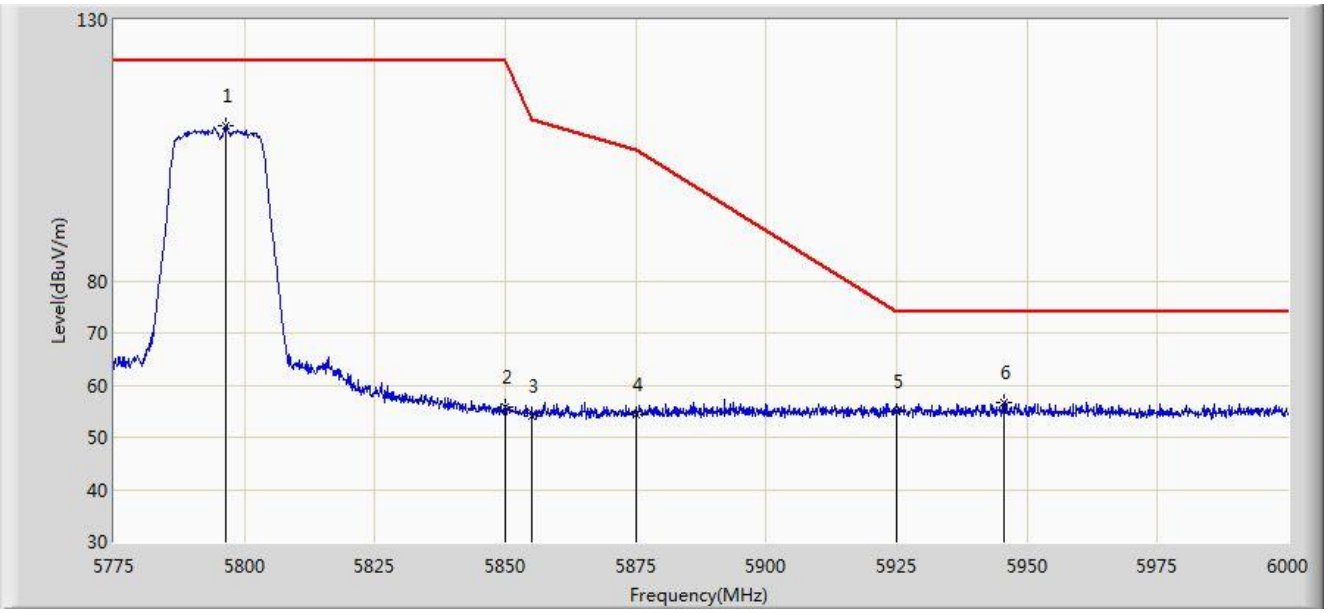


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.013	55.369	50.718	-18.631	74.000	4.651	PK
2			5650.000	53.709	49.038	-20.291	74.000	4.671	PK
3			5700.000	54.637	49.759	-50.563	105.200	4.878	PK
4			5720.000	56.192	51.195	-54.608	110.800	4.997	PK
5			5725.000	56.877	51.848	-65.323	122.200	5.029	PK
6		*	5756.450	107.103	101.883	N/A	N/A	5.220	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: 2016/08/28 - 18:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5795MHz Ant 2	

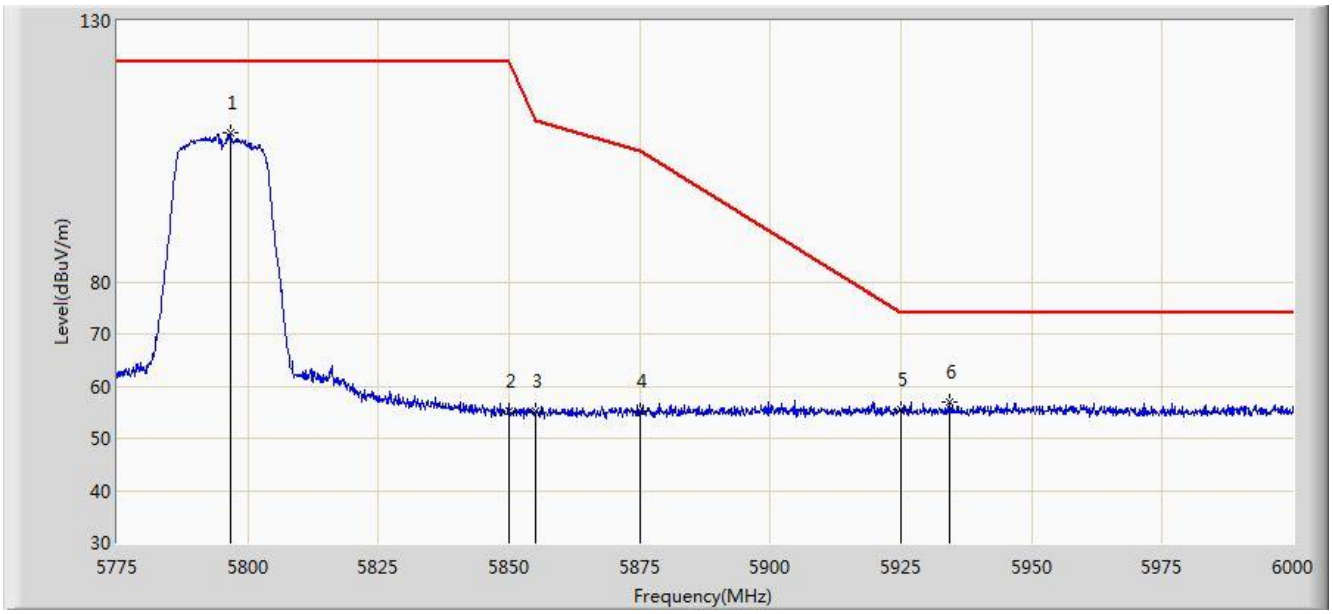


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5796.375	109.693	104.268	N/A	N/A	5.425	PK
2			5850.000	55.815	50.089	-66.385	122.200	5.726	PK
3			5855.000	54.175	48.429	-56.625	110.800	5.746	PK
4			5875.000	54.444	48.624	-50.756	105.200	5.820	PK
5			5925.000	54.808	48.842	-19.192	74.000	5.967	PK
6			5945.550	56.717	50.700	-17.283	74.000	6.017	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: 2016/08/28 - 18:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5795MHz Ant 2	

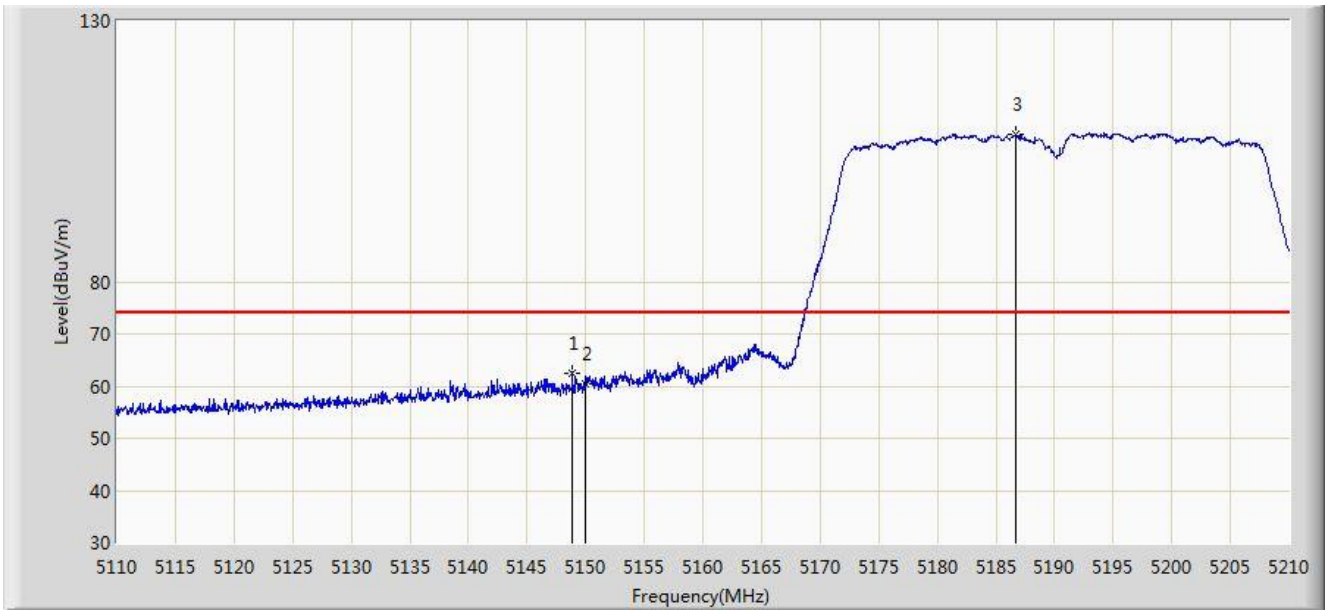


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5796.600	108.608	103.182	N/A	N/A	5.425	PK
2			5850.000	55.259	49.533	-66.941	122.200	5.726	PK
3			5855.000	55.096	49.350	-55.704	110.800	5.746	PK
4			5875.000	55.168	49.348	-50.032	105.200	5.820	PK
5			5925.000	55.503	49.537	-18.497	74.000	5.967	PK
6			5934.300	57.074	51.084	-16.926	74.000	5.990	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: 2016/08/28 - 18:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

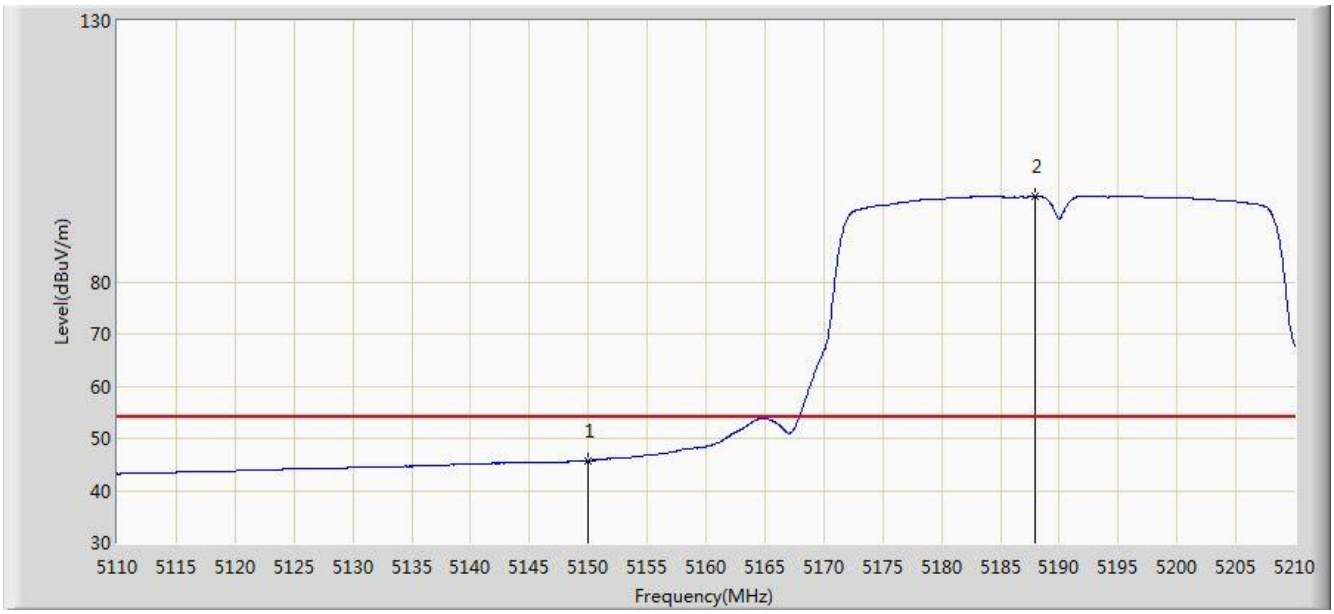


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	62.606	58.433	-11.394	74.000	4.173	PK
2			5150.000	60.542	56.373	-13.458	74.000	4.170	PK
3		*	5186.750	108.151	104.106	N/A	N/A	4.045	PK

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: 2016/08/28 - 18:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

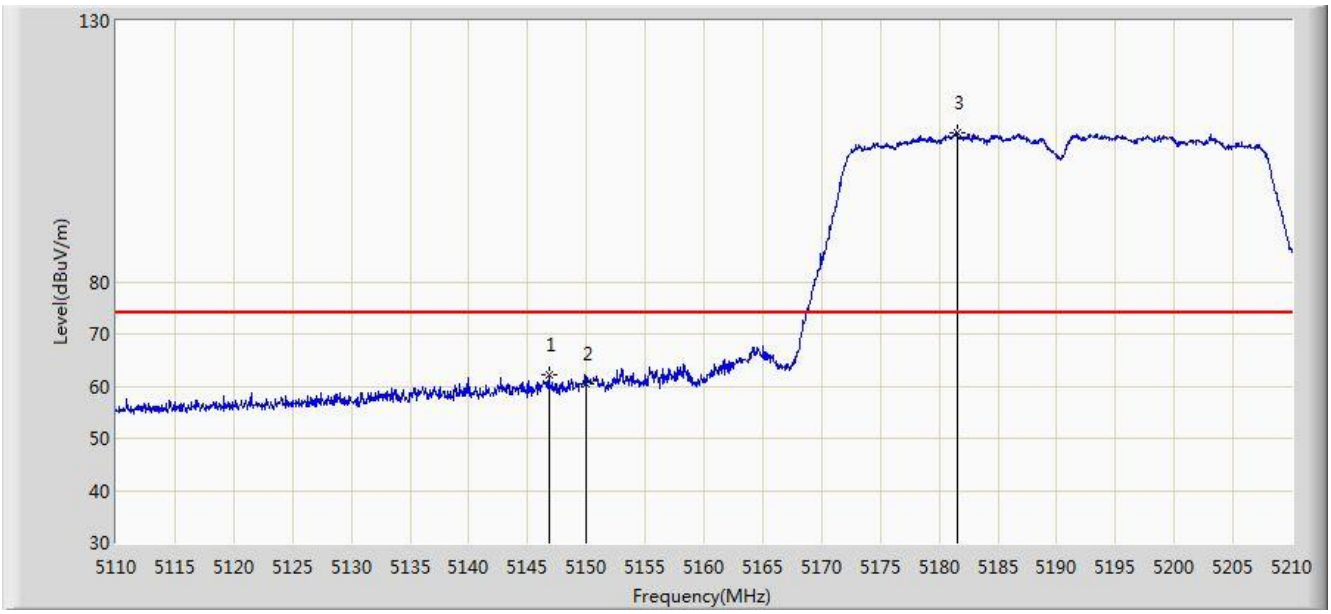


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.728	41.559	-8.272	54.000	4.170	AV
2		*	5188.000	96.330	92.289	N/A	N/A	4.041	AV

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: 2016/08/28 - 18:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

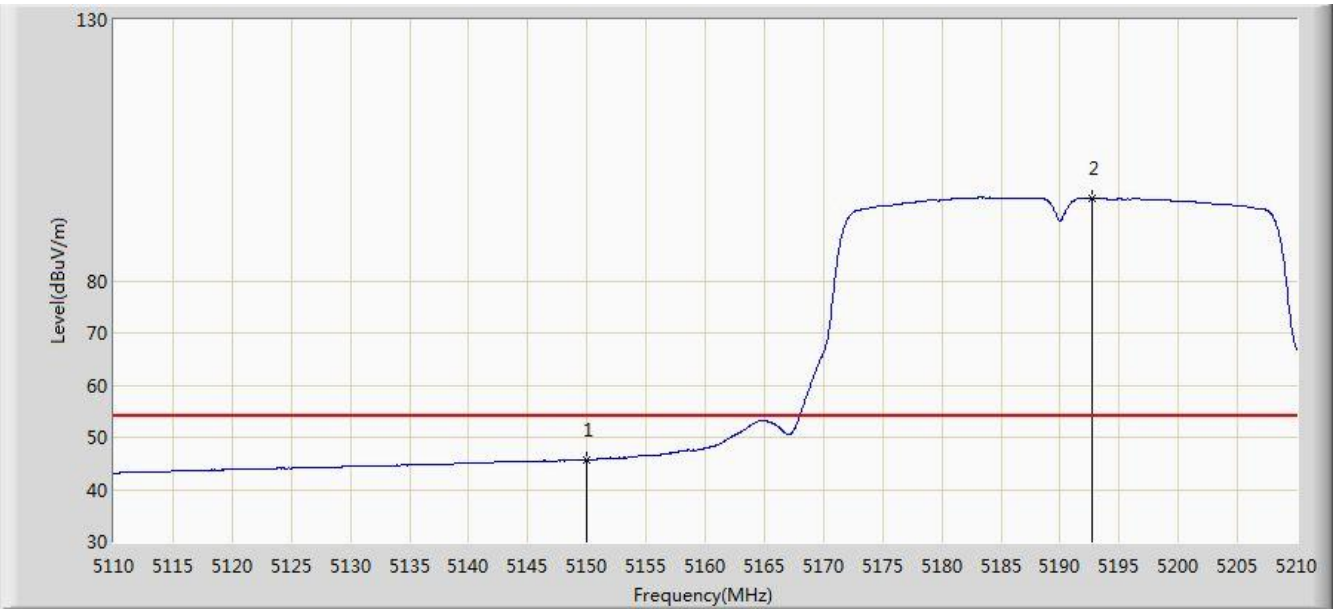


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.800	62.301	58.125	-11.699	74.000	4.176	PK
2			5150.000	60.425	56.256	-13.575	74.000	4.170	PK
3		*	5181.550	108.493	104.430	N/A	N/A	4.064	PK

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: 2016/08/28 - 18:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

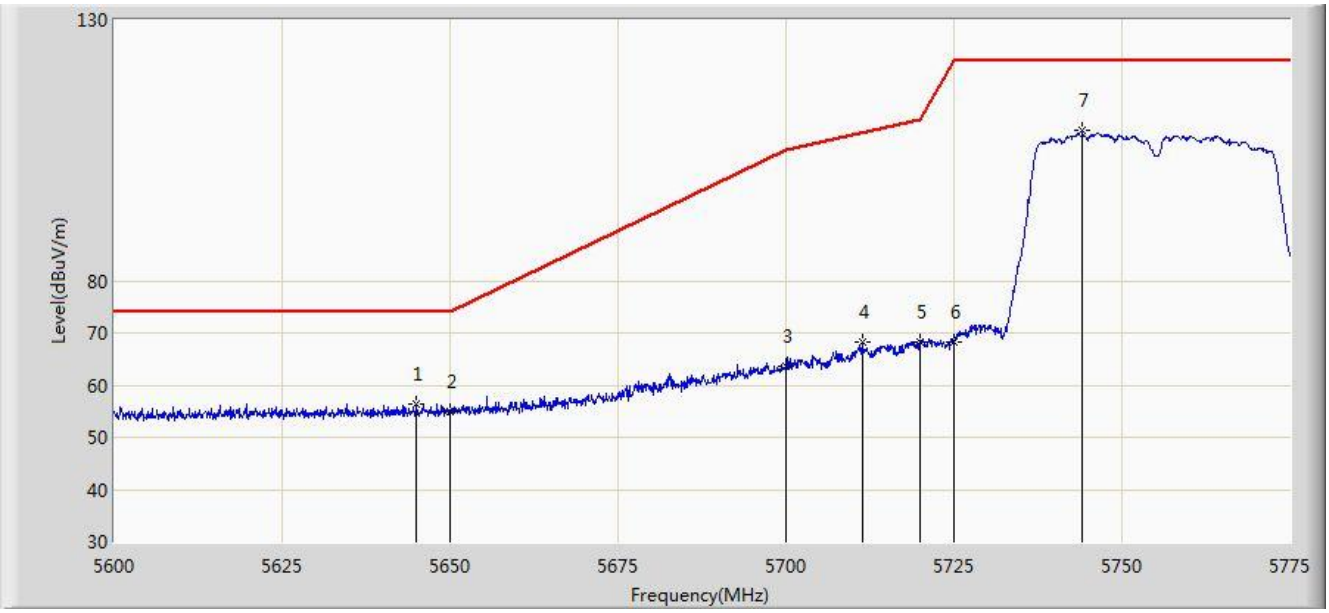


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.690	41.521	-8.310	54.000	4.170	AV
2		*	5192.700	95.727	91.703	N/A	N/A	4.023	AV

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: 2016/08/28 - 18:34
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2	

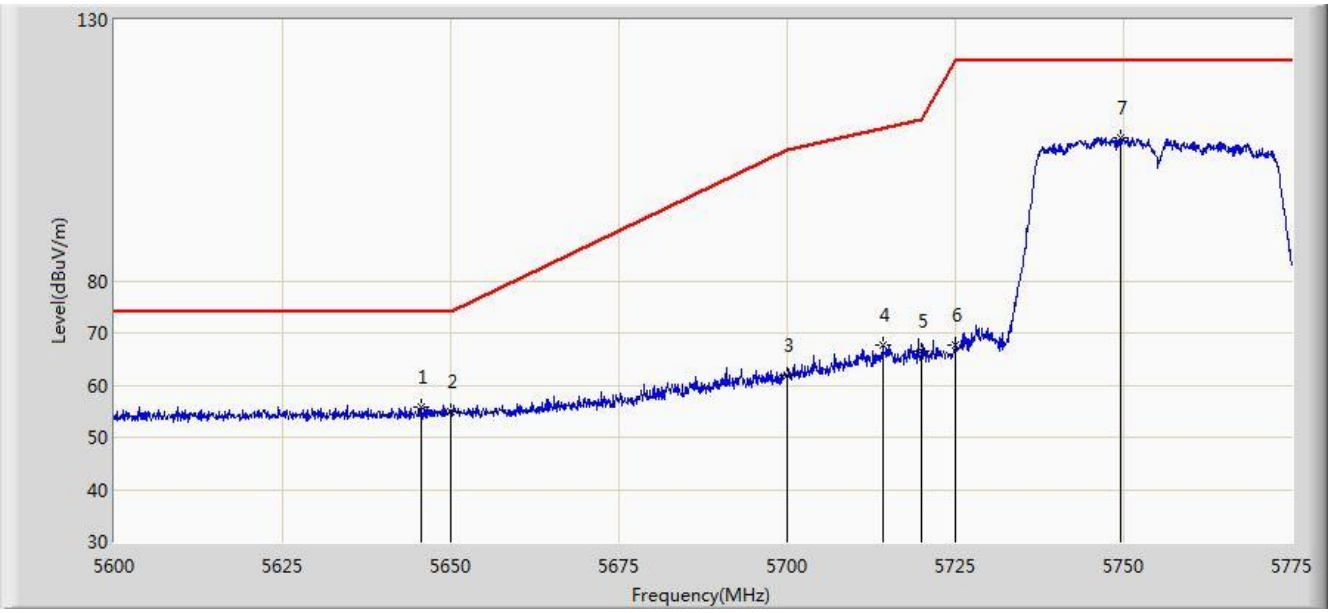


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.062	56.397	51.742	-17.603	74.000	4.654	PK
2			5650.000	55.036	50.365	-18.964	74.000	4.671	PK
3			5700.000	63.742	58.864	-41.458	105.200	4.878	PK
4			5711.388	68.194	63.252	-40.198	108.391	4.941	PK
5			5720.000	68.292	63.295	-42.508	110.800	4.997	PK
6			5725.000	68.342	63.313	-53.858	122.200	5.029	PK
7		*	5744.112	108.757	103.607	N/A	N/A	5.151	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: 2016/08/28 - 18:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2	

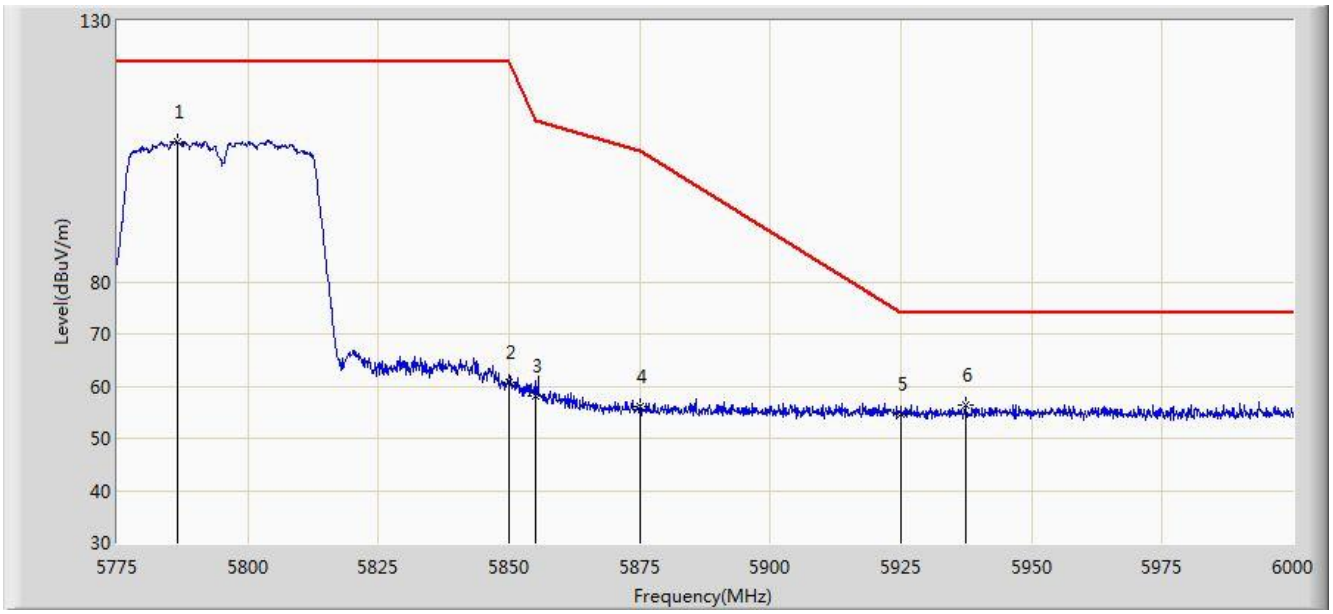


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.587	55.853	51.197	-18.147	74.000	4.657	PK
2			5650.000	55.010	50.339	-18.990	74.000	4.671	PK
3			5700.000	62.004	57.126	-43.196	105.200	4.878	PK
4			5714.187	67.735	62.776	-41.439	109.174	4.960	PK
5			5720.000	66.474	61.477	-44.326	110.800	4.997	PK
6			5725.000	67.727	62.698	-54.473	122.200	5.029	PK
7		*	5749.625	107.339	102.158	N/A	N/A	5.180	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: 2016/08/28 - 18:37
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2	

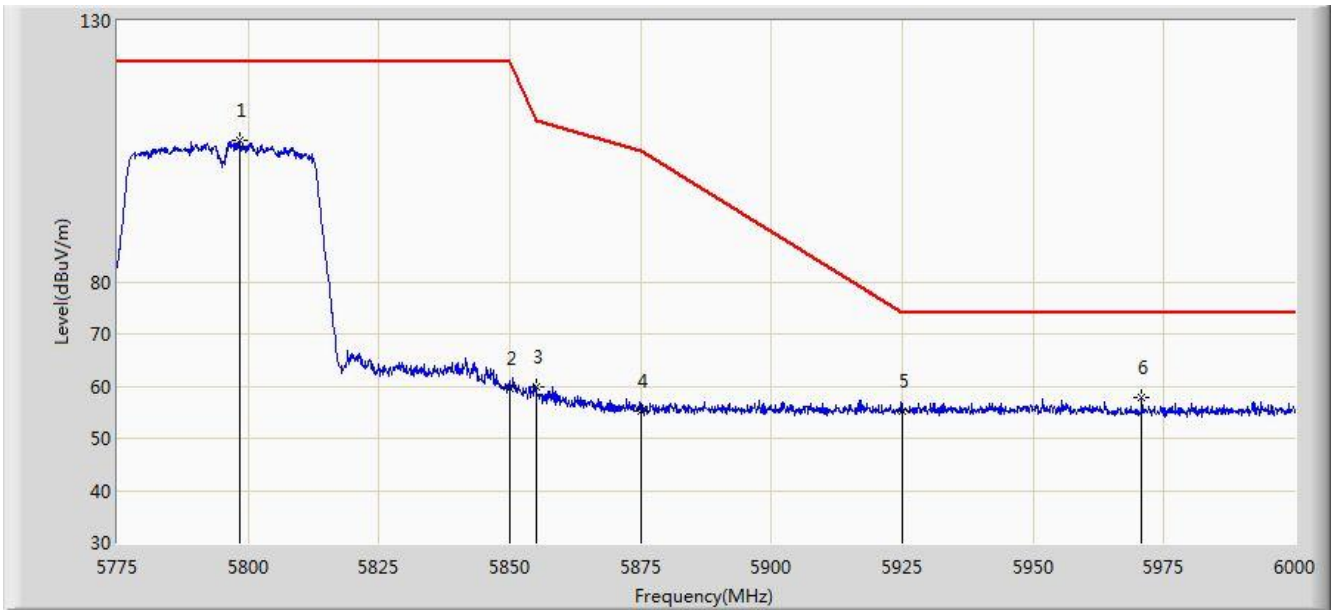


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.475	106.937	101.563	N/A	N/A	5.374	PK
2			5850.000	60.605	54.879	-61.595	122.200	5.726	PK
3			5855.000	58.252	52.506	-52.548	110.800	5.746	PK
4			5875.000	56.021	50.201	-49.179	105.200	5.820	PK
5			5925.000	54.775	48.809	-19.225	74.000	5.967	PK
6			5937.450	56.493	50.496	-17.507	74.000	5.997	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: 2016/08/28 - 18:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2	

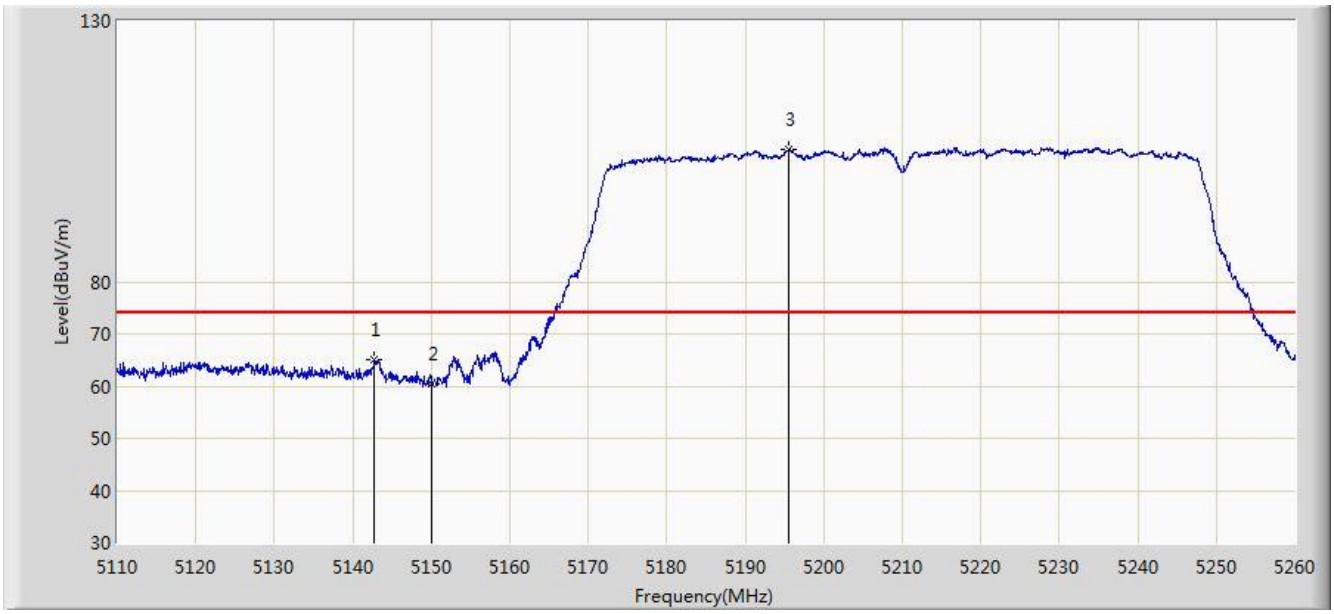


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5798.288	106.959	101.523	N/A	N/A	5.436	PK
2			5850.000	59.582	53.856	-62.618	122.200	5.726	PK
3			5855.000	59.812	54.066	-50.988	110.800	5.746	PK
4			5875.000	55.309	49.489	-49.891	105.200	5.820	PK
5			5925.000	55.256	49.290	-18.744	74.000	5.967	PK
6			5970.750	57.795	51.733	-16.205	74.000	6.063	PK

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

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

Site: AC1	Time: 2016/08/28 - 18:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

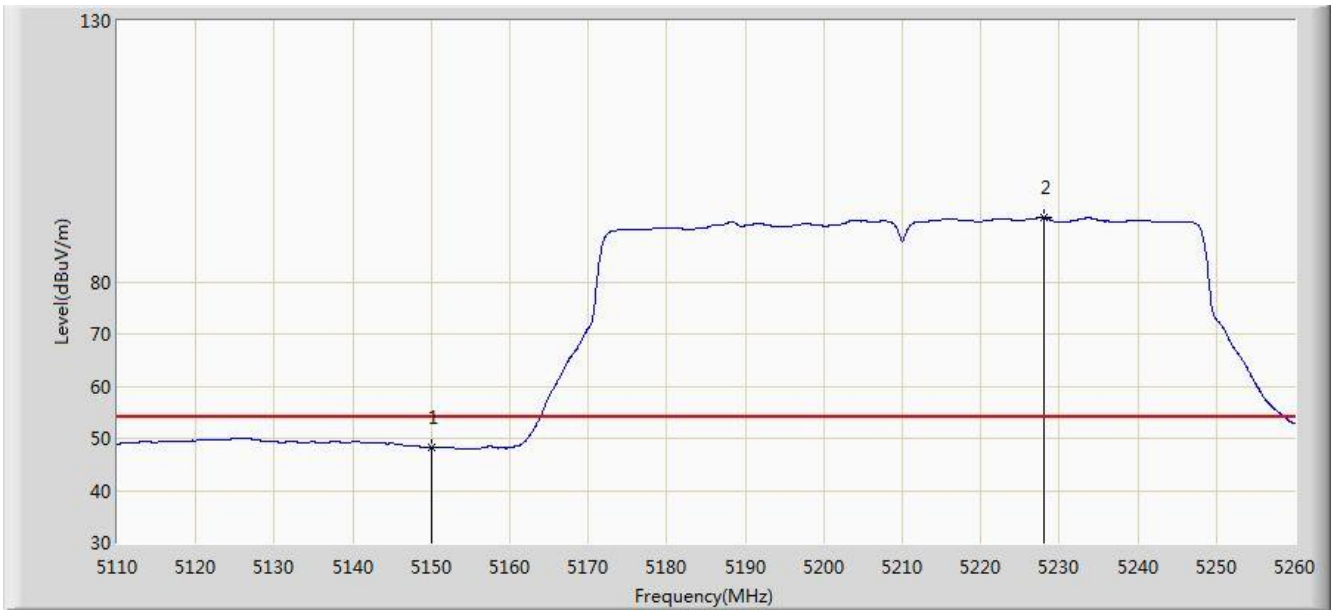


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.700	64.975	60.799	-9.025	74.000	4.176	PK
2			5150.000	60.529	56.360	-13.471	74.000	4.170	PK
3		*	5195.575	105.488	101.474	N/A	N/A	4.014	PK

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

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

Site: AC1	Time: 2016/08/28 - 18:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

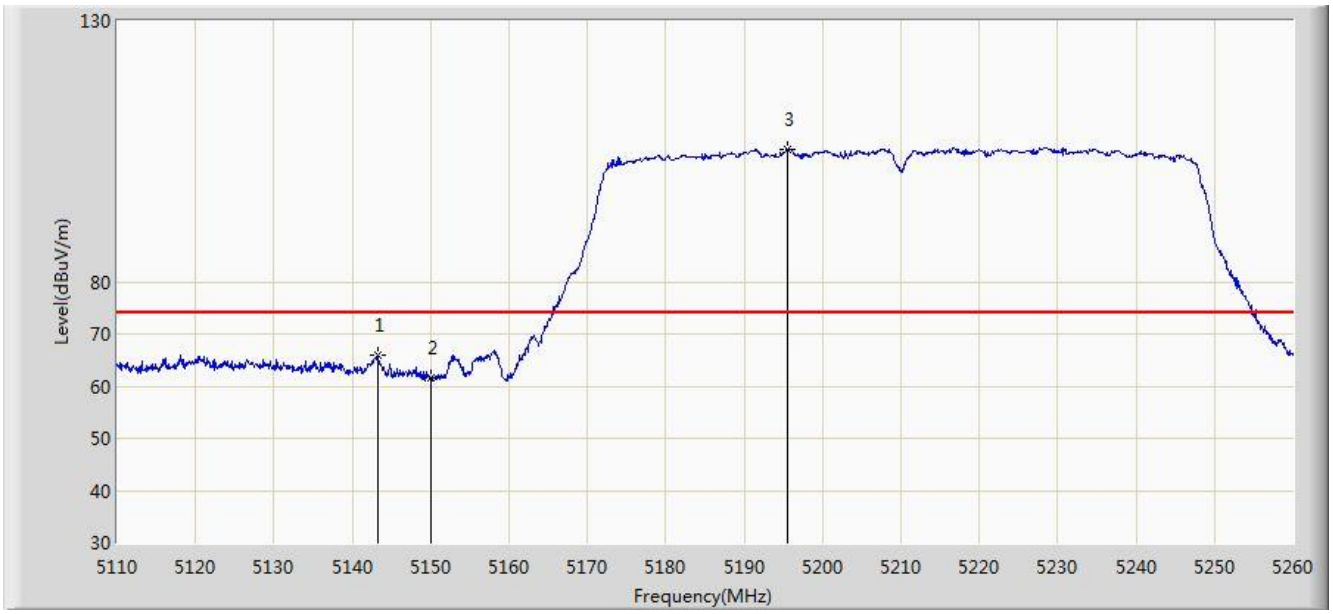


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.337	44.168	-5.663	54.000	4.170	AV
2		*	5227.975	92.349	88.434	N/A	N/A	3.916	AV

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: 2016/08/28 - 18:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

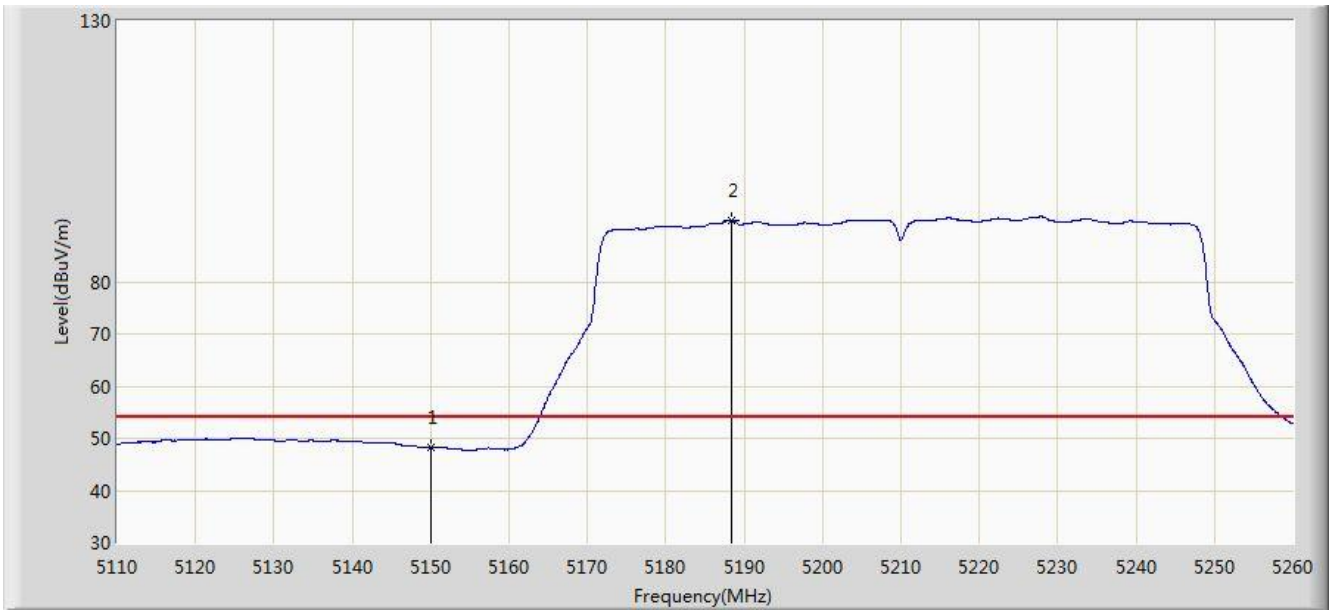


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.225	66.058	61.882	-7.942	74.000	4.176	PK
2			5150.000	61.554	57.385	-12.446	74.000	4.170	PK
3		*	5195.575	105.376	101.362	N/A	N/A	4.014	PK

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

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

Site: AC1	Time: 2016/08/28 - 18:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

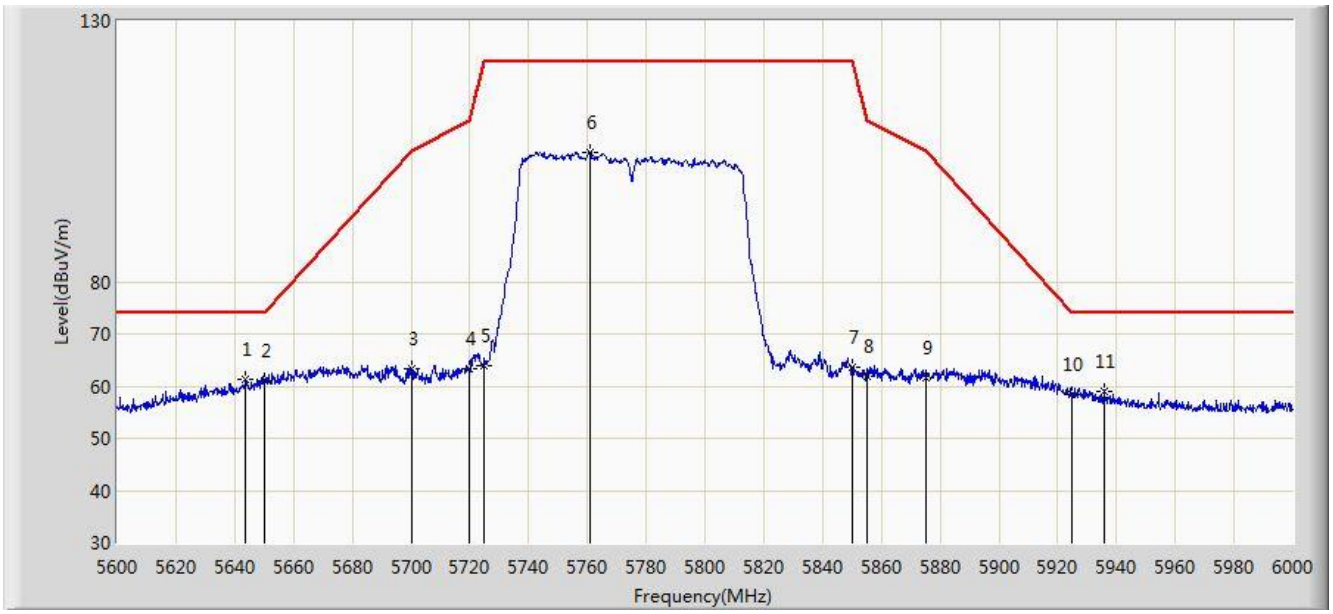


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.324	44.155	-5.676	54.000	4.170	AV
2		*	5188.300	91.746	87.707	N/A	N/A	4.040	AV

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: 2016/08/28 - 18:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2	

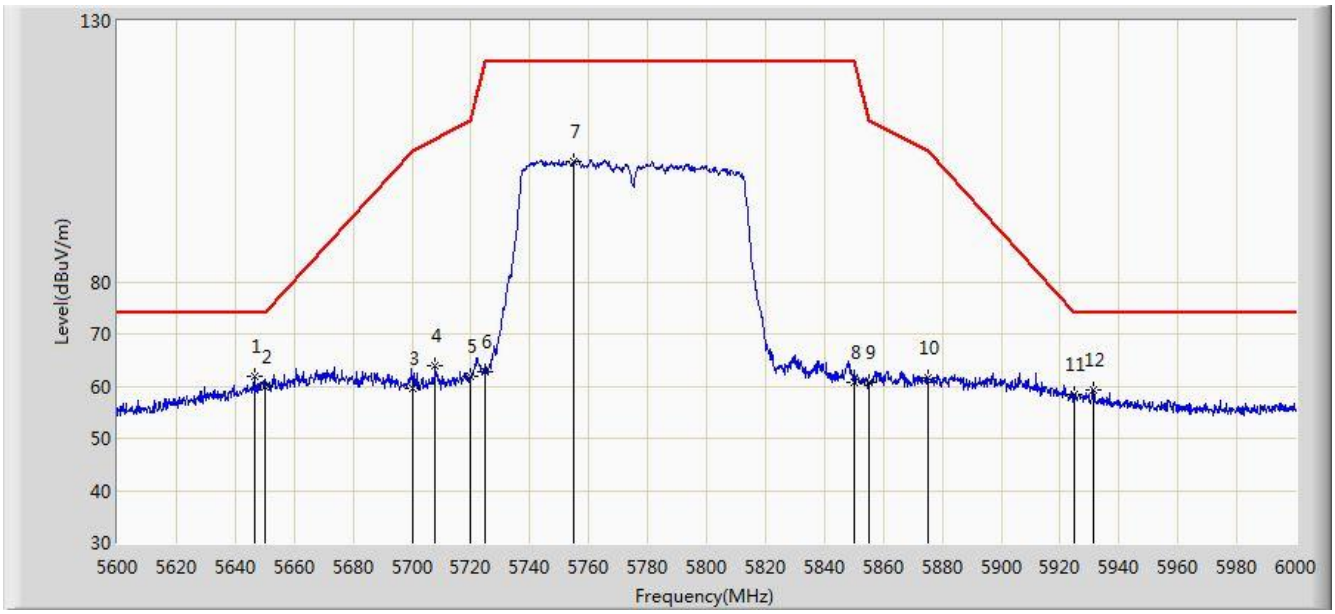


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5643.600	61.343	56.693	-12.657	74.000	4.649	PK
2			5650.000	60.870	56.199	-13.130	74.000	4.671	PK
3			5700.000	63.260	58.382	-41.940	105.200	4.878	PK
4			5720.000	63.380	58.383	-47.420	110.800	4.997	PK
5			5725.000	63.916	58.887	-58.284	122.200	5.029	PK
6			5761.000	104.900	99.655	N/A	N/A	5.245	PK
7			5850.000	63.589	57.863	-58.611	122.200	5.726	PK
8			5855.000	61.861	56.115	-48.939	110.800	5.746	PK
9			5875.000	61.547	55.727	-43.653	105.200	5.820	PK
10			5925.000	58.370	52.404	-15.630	74.000	5.967	PK
11			5935.600	59.130	53.137	-14.870	74.000	5.993	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: 2016/08/28 - 18:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2	

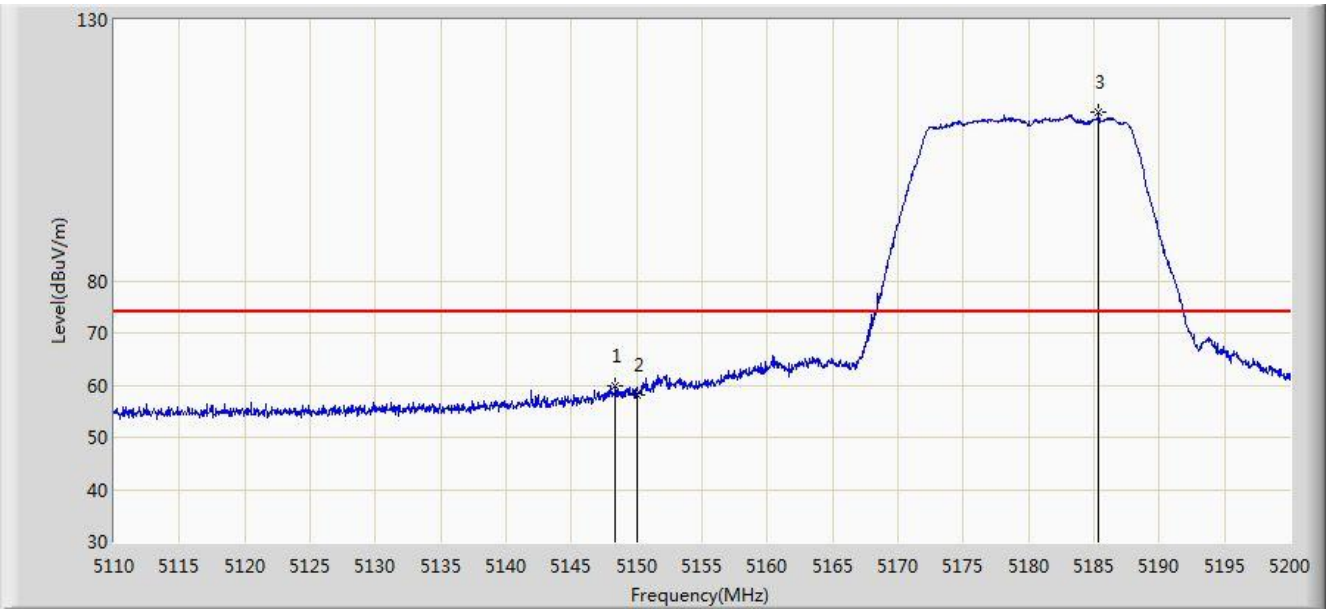


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5646.400	61.759	57.100	-12.241	74.000	4.659	PK
2			5650.000	59.929	55.258	-14.071	74.000	4.671	PK
3			5700.000	59.533	54.655	-45.667	105.200	4.878	PK
4			5708.000	63.777	58.856	-43.666	107.442	4.921	PK
5			5720.000	61.978	56.981	-48.822	110.800	4.997	PK
6			5725.000	62.791	57.762	-59.409	122.200	5.029	PK
7			5754.800	103.036	97.825	N/A	N/A	5.211	PK
8			5850.000	60.838	55.112	-61.362	122.200	5.726	PK
9			5855.000	60.786	55.040	-50.014	110.800	5.746	PK
10			5875.000	61.545	55.725	-43.655	105.200	5.820	PK
11			5925.000	58.439	52.473	-15.561	74.000	5.967	PK
12			5931.200	59.420	53.438	-14.580	74.000	5.982	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: 2016/08/28 - 18:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3	

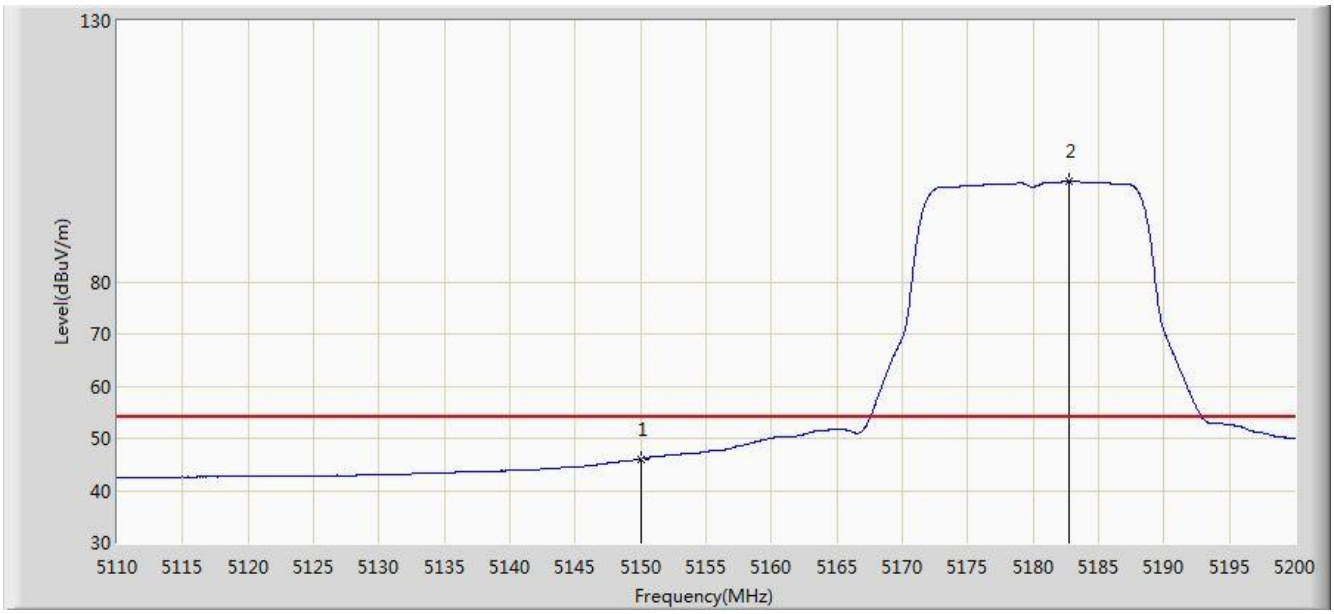


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.385	59.924	55.750	-14.076	74.000	4.174	PK
2			5150.000	58.172	54.003	-15.828	74.000	4.170	PK
3		*	5185.375	112.336	108.286	N/A	N/A	4.049	PK

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

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

Site: AC1	Time: 2016/08/28 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3	

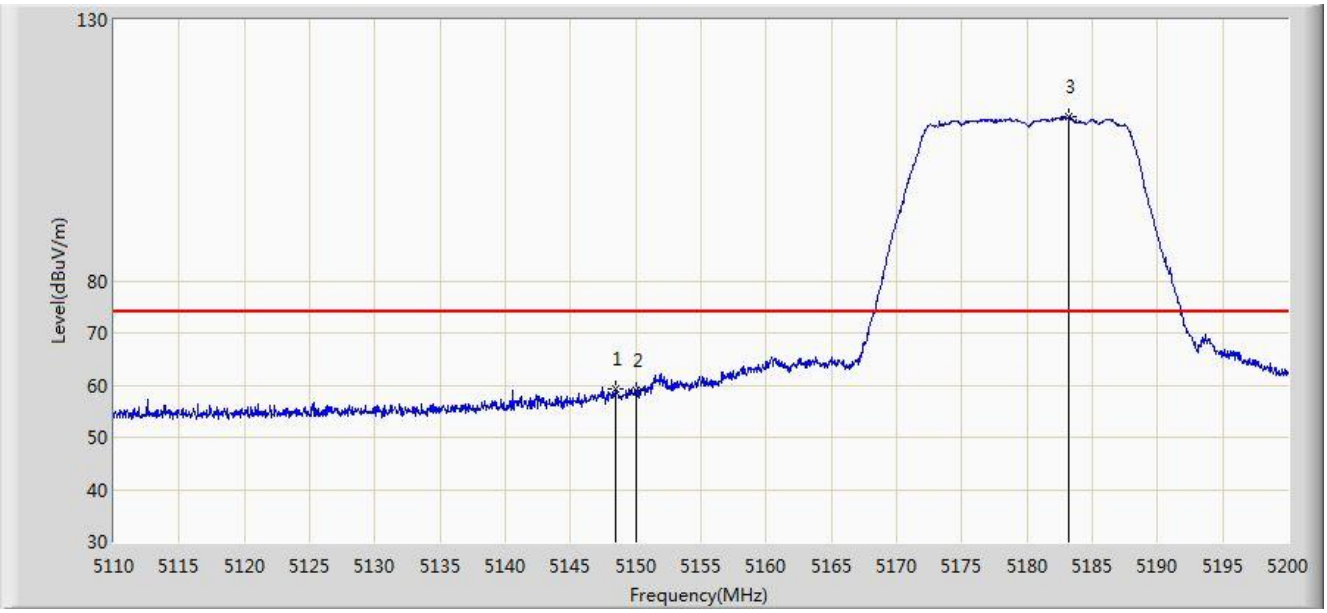


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.026	41.857	-7.974	54.000	4.170	AV
2		*	5182.720	99.312	95.253	N/A	N/A	4.060	AV

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: 2016/08/28 - 19:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3	

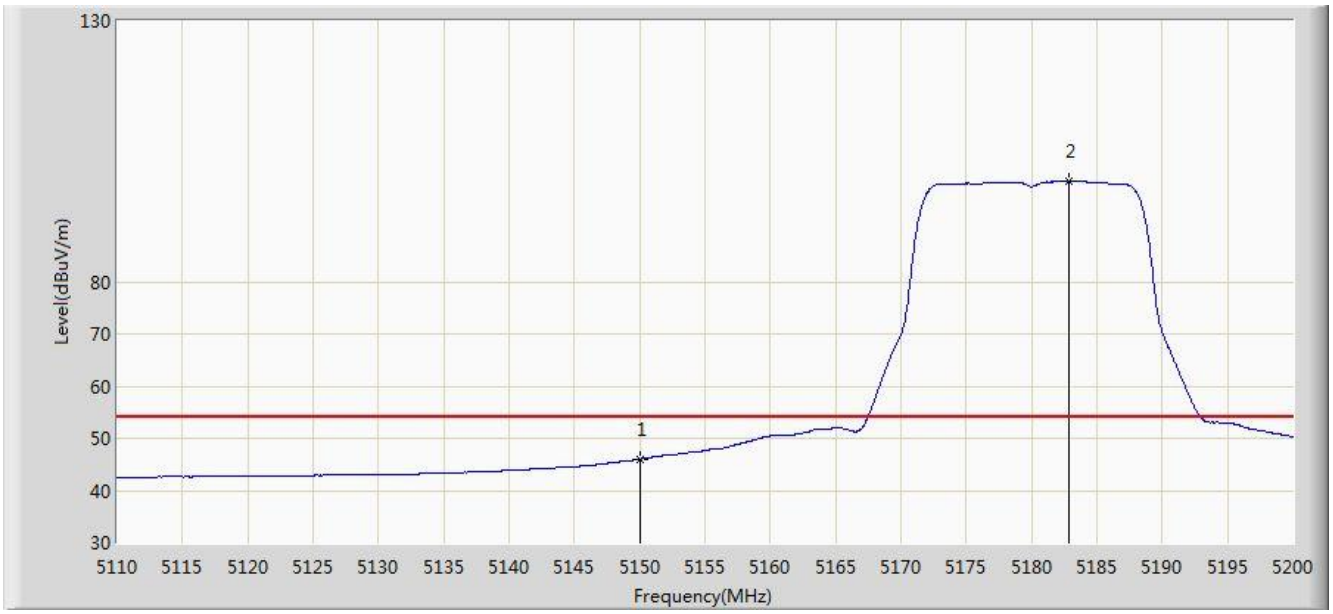


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.475	59.337	55.163	-14.663	74.000	4.174	PK
2			5150.000	58.873	54.704	-15.127	74.000	4.170	PK
3		*	5183.215	111.552	107.495	N/A	N/A	4.057	PK

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: 2016/08/28 - 19:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3	

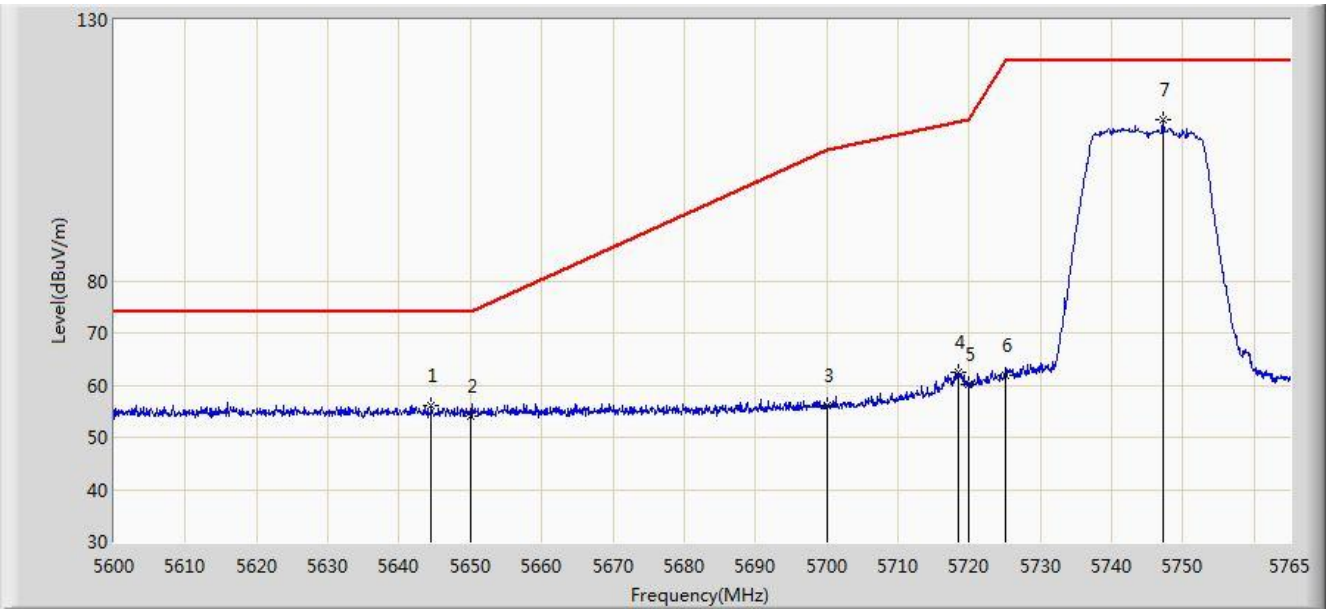


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.974	41.805	-8.026	54.000	4.170	AV
2		*	5182.855	99.392	95.333	N/A	N/A	4.059	AV

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: 2016/08/28 - 19:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 3	

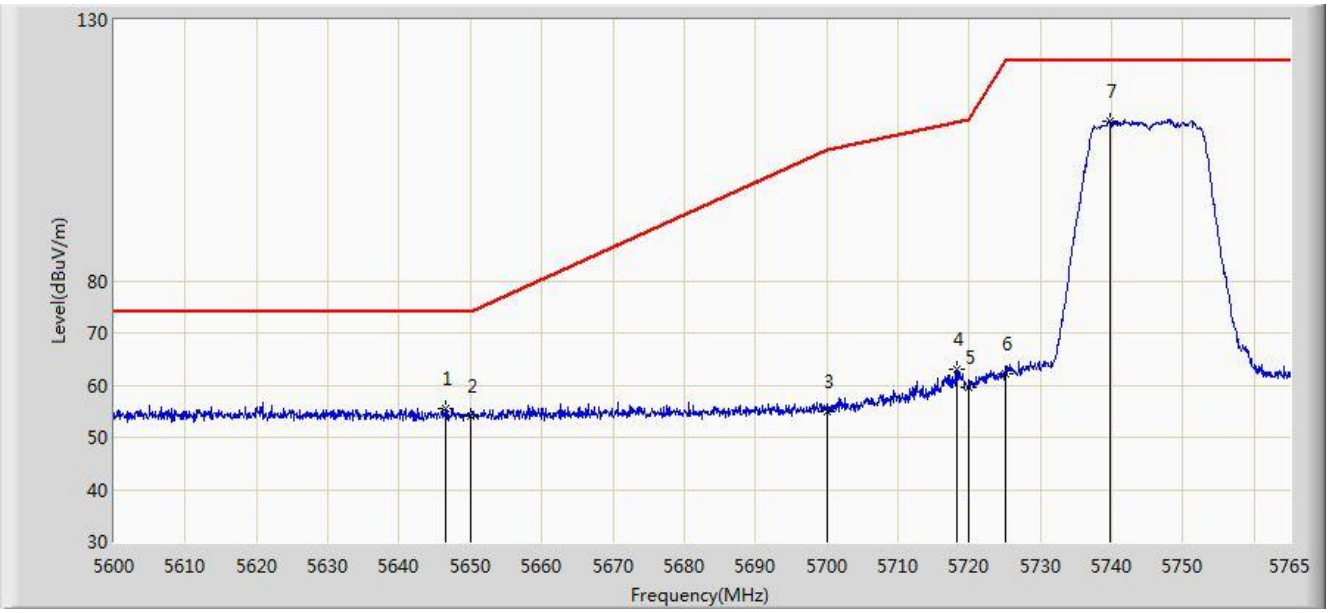


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.467	56.223	51.570	-17.777	74.000	4.652	PK
2			5650.000	54.194	49.523	-19.806	74.000	4.671	PK
3			5700.000	55.946	51.068	-49.254	105.200	4.878	PK
4			5718.470	62.337	57.350	-48.035	110.372	4.986	PK
5			5720.000	60.124	55.127	-50.676	110.800	4.997	PK
6			5725.000	61.956	56.927	-60.244	122.200	5.029	PK
7		*	5747.180	110.851	105.684	N/A	N/A	5.167	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: 2016/08/28 - 19:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 3	

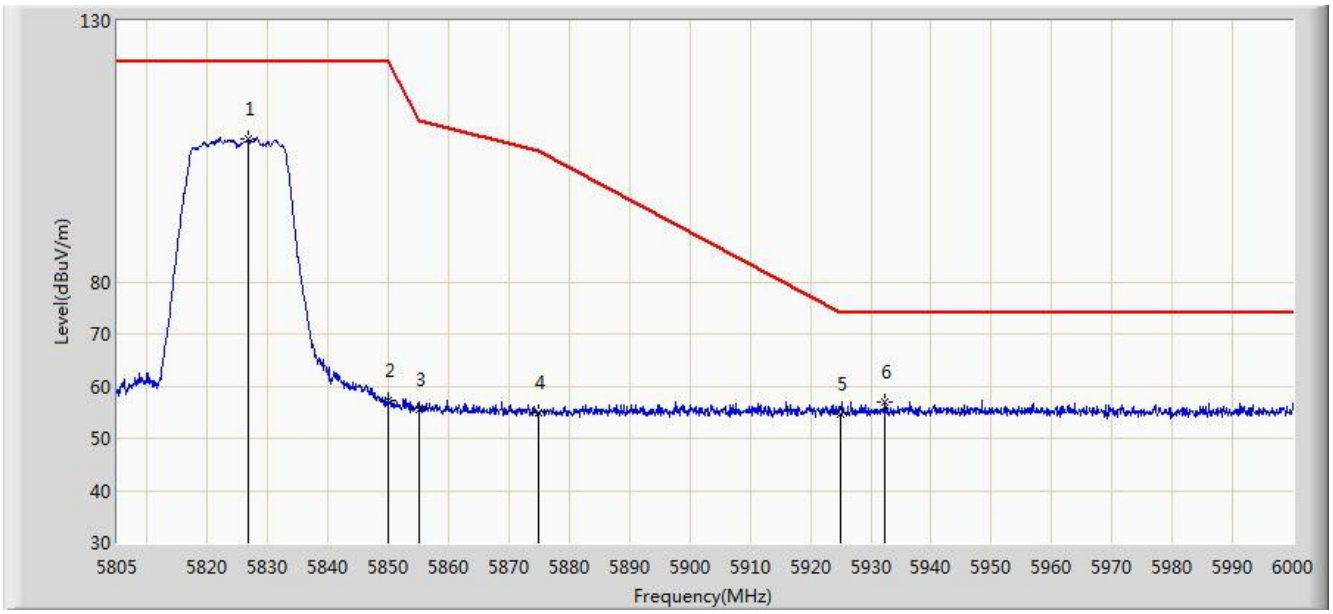


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.447	55.428	50.769	-18.572	74.000	4.659	PK
2			5650.000	54.119	49.448	-19.881	74.000	4.671	PK
3			5700.000	55.071	50.193	-50.129	105.200	4.878	PK
4			5718.223	63.114	58.129	-47.189	110.303	4.985	PK
5			5720.000	59.672	54.675	-51.128	110.800	4.997	PK
6			5725.000	62.201	57.172	-59.999	122.200	5.029	PK
7		*	5739.672	110.703	105.580	N/A	N/A	5.122	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: 2016/08/28 - 19:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 3	

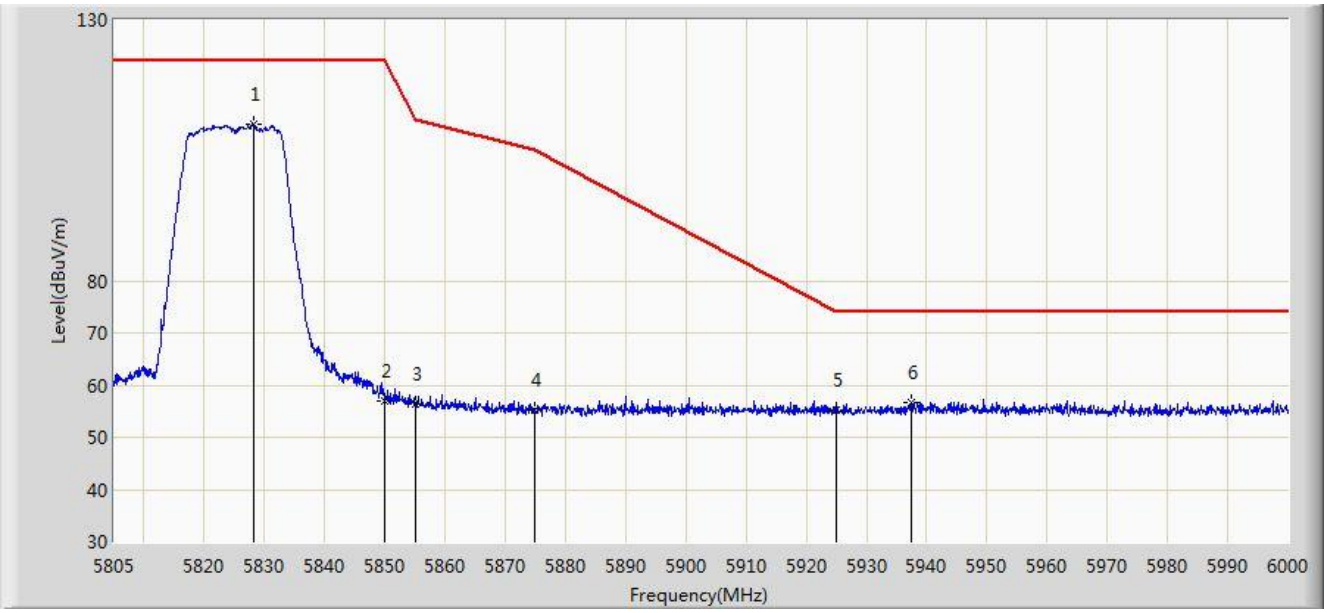


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.840	107.384	101.785	N/A	N/A	5.599	PK
2			5850.000	57.276	51.550	-64.924	122.200	5.726	PK
3			5855.000	55.466	49.720	-55.334	110.800	5.746	PK
4			5875.000	54.849	49.029	-50.351	105.200	5.820	PK
5			5925.000	54.745	48.779	-19.255	74.000	5.967	PK
6			5932.335	57.039	51.054	-16.961	74.000	5.984	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: 2016/08/28 - 19:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 3	

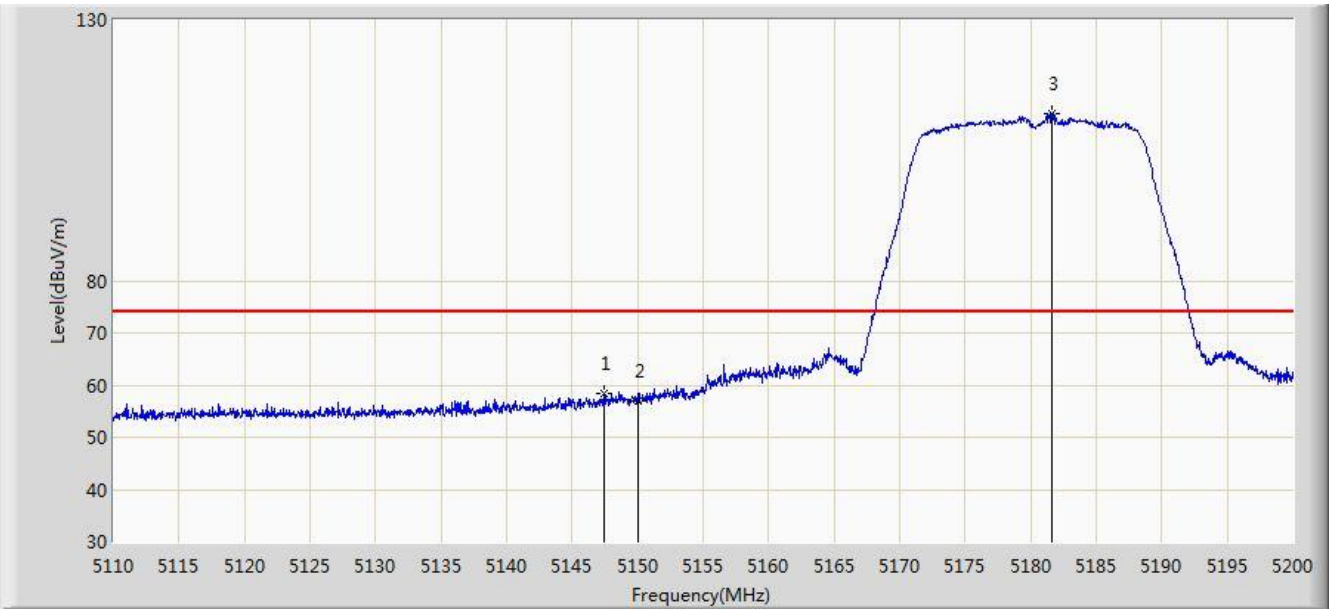


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.107	110.006	104.400	N/A	N/A	5.606	PK
2			5850.000	56.979	51.253	-65.221	122.200	5.726	PK
3			5855.000	56.495	50.749	-54.305	110.800	5.746	PK
4			5875.000	55.335	49.515	-49.865	105.200	5.820	PK
5			5925.000	55.290	49.324	-18.710	74.000	5.967	PK
6			5937.502	56.688	50.690	-17.312	74.000	5.997	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: 2016/08/28 - 19:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3	

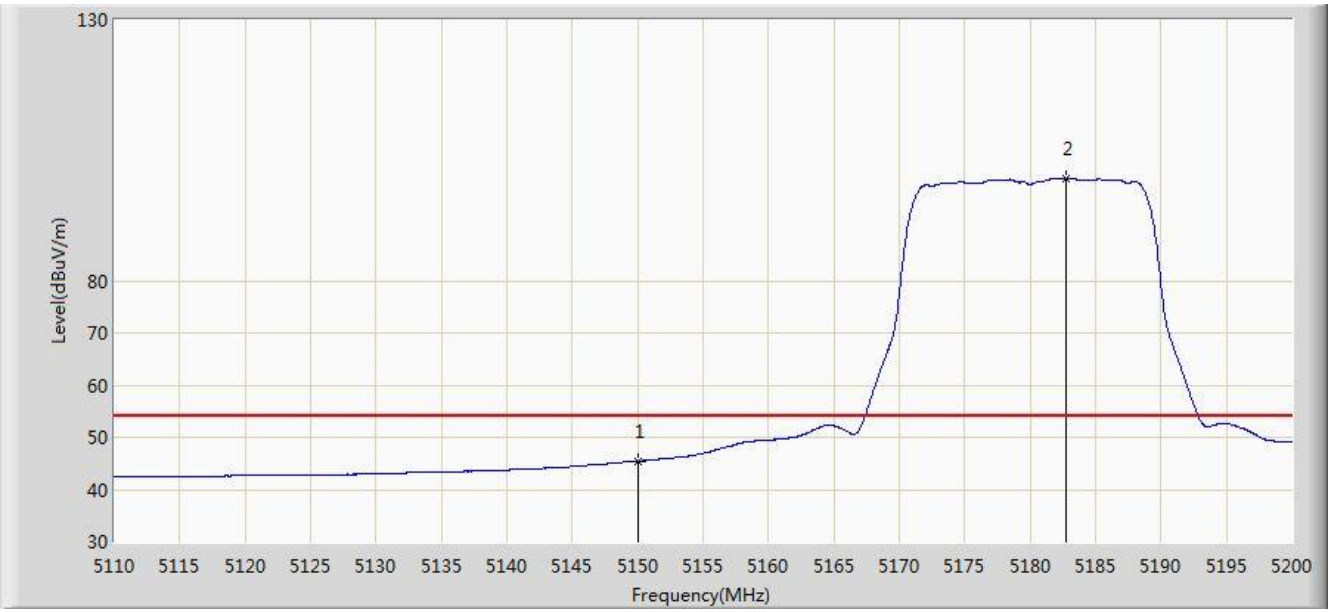


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.395	58.288	54.112	-15.712	74.000	4.175	PK
2			5150.000	56.865	52.696	-17.135	74.000	4.170	PK
3		*	5181.640	112.109	108.046	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2016/08/28 - 19:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3	

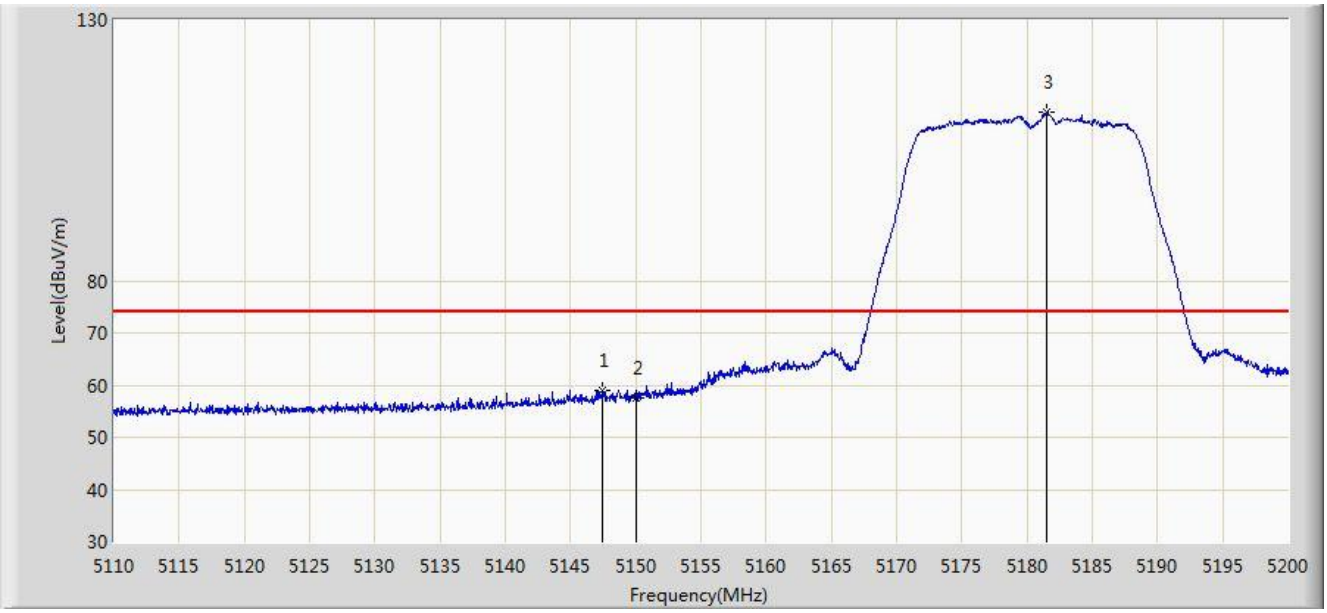


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.408	41.239	-8.592	54.000	4.170	AV
2		*	5182.720	99.612	95.553	N/A	N/A	4.060	AV

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: 2016/08/28 - 19:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3	

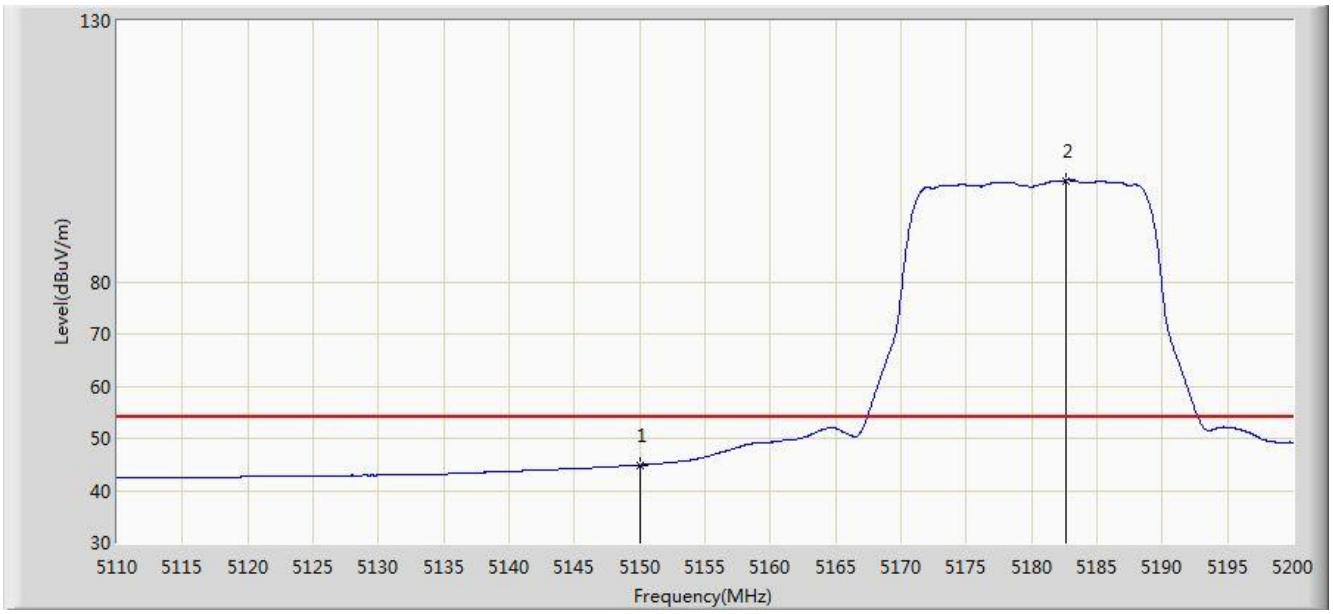


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.395	59.077	54.901	-14.923	74.000	4.175	PK
2			5150.000	57.665	53.496	-16.335	74.000	4.170	PK
3		*	5181.550	112.413	108.350	N/A	N/A	4.064	PK

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: 2016/08/28 - 19:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3	

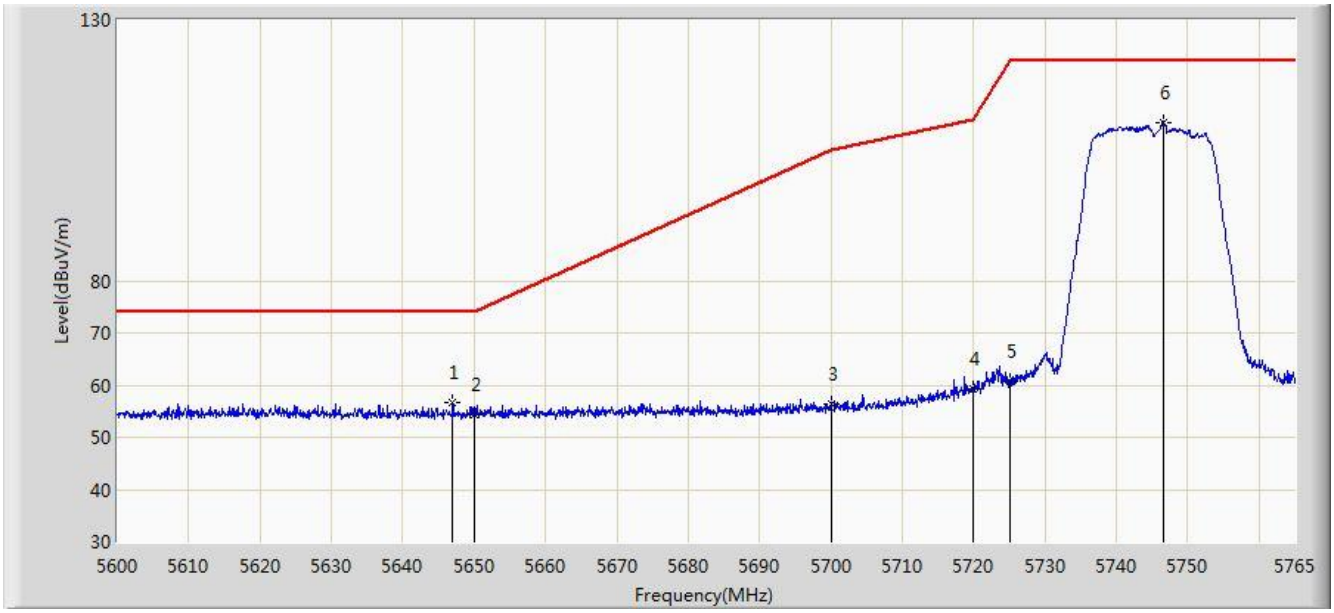


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.881	40.712	-9.119	54.000	4.170	AV
2		*	5182.585	99.419	95.359	N/A	N/A	4.060	AV

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: 2016/08/28 - 19:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 3	

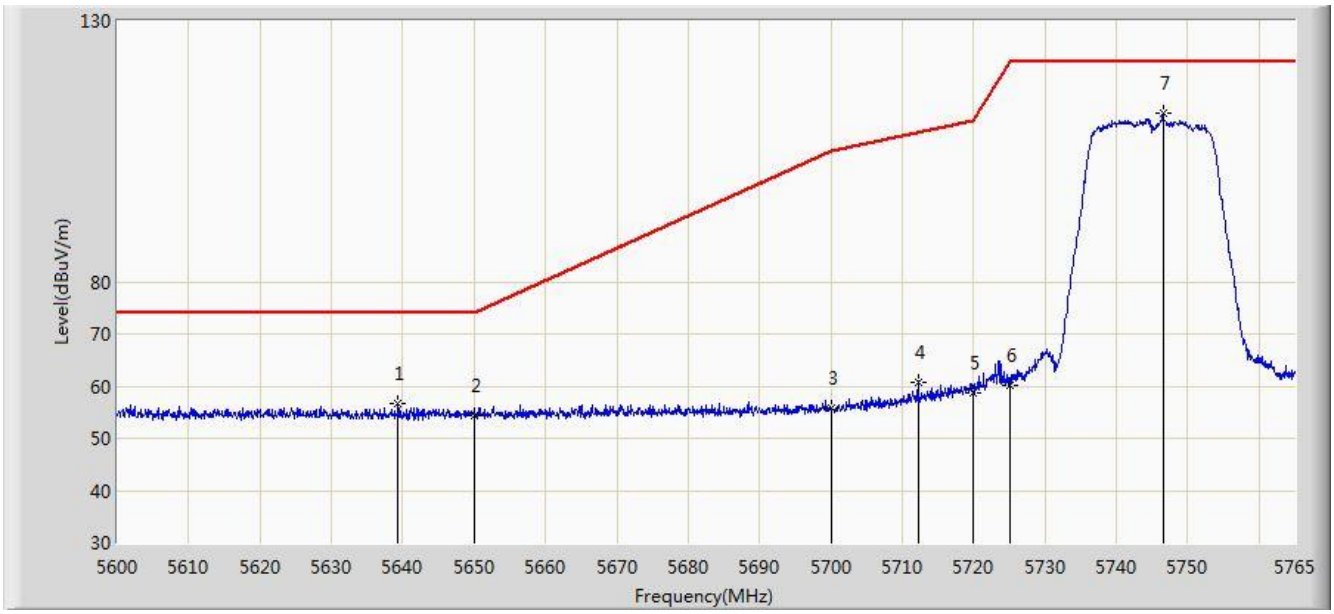


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.025	56.554	51.893	-17.446	74.000	4.661	PK
2			5650.000	54.486	49.815	-19.514	74.000	4.671	PK
3			5700.000	56.498	51.620	-48.702	105.200	4.878	PK
4			5720.000	59.367	54.370	-51.433	110.800	4.997	PK
5			5725.000	60.728	55.699	-61.472	122.200	5.029	PK
6		*	5746.685	110.348	105.183	N/A	N/A	5.165	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: 2016/08/28 - 19:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 3	

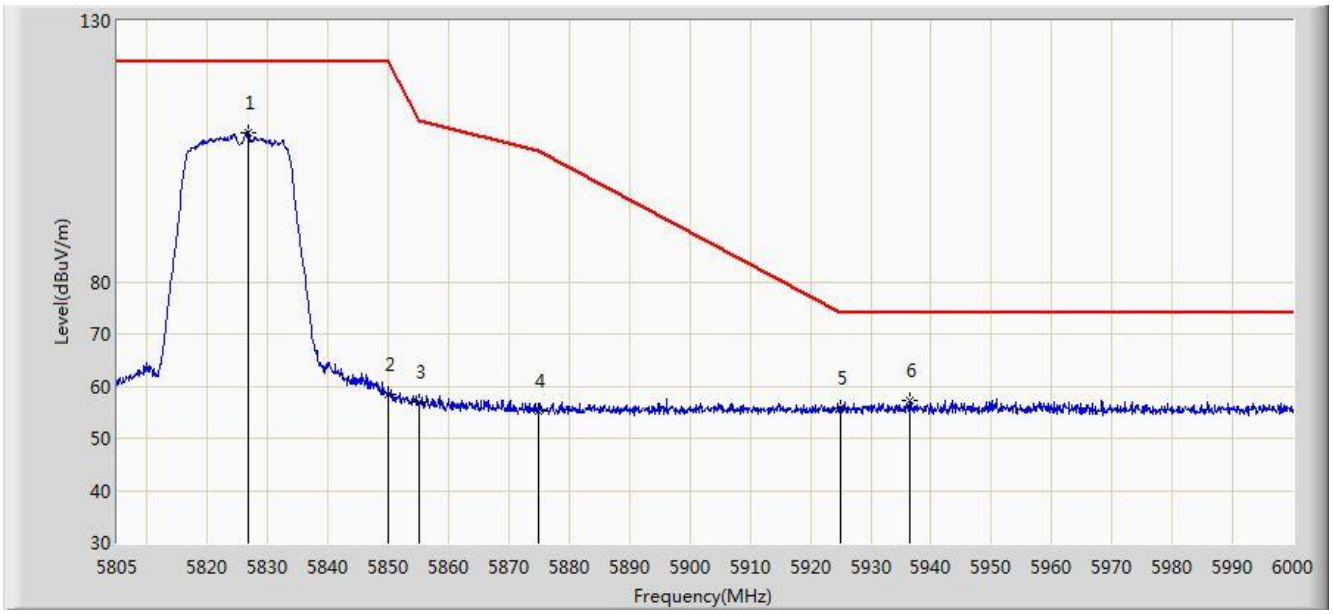


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.353	56.617	51.981	-17.383	74.000	4.635	PK
2			5650.000	54.383	49.712	-19.617	74.000	4.671	PK
3			5700.000	55.683	50.805	-49.517	105.200	4.878	PK
4			5712.200	60.863	55.916	-47.756	108.618	4.946	PK
5			5720.000	58.634	53.637	-52.166	110.800	4.997	PK
6			5725.000	60.256	55.227	-61.944	122.200	5.029	PK
7		*	5746.603	112.257	107.093	N/A	N/A	5.165	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: 2016/08/28 - 19:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 3	

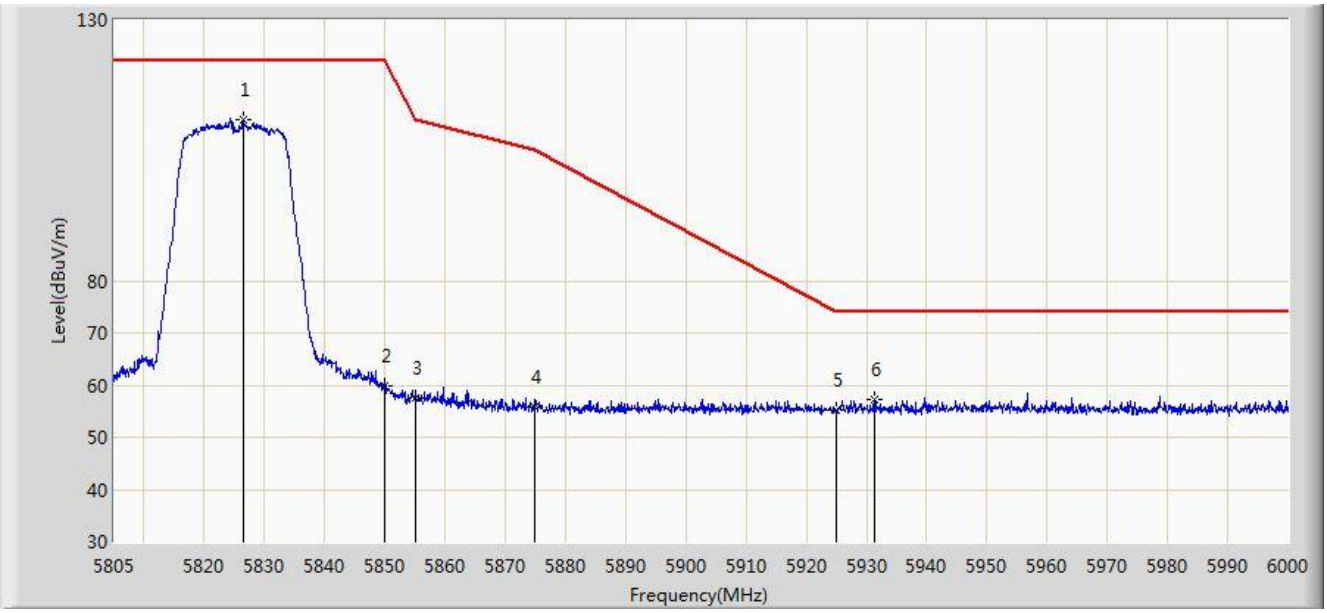


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.743	108.598	103.000	N/A	N/A	5.599	PK
2			5850.000	58.375	52.649	-63.825	122.200	5.726	PK
3			5855.000	56.886	51.140	-53.914	110.800	5.746	PK
4			5875.000	55.288	49.468	-49.912	105.200	5.820	PK
5			5925.000	55.755	49.789	-18.245	74.000	5.967	PK
6			5936.527	57.229	51.234	-16.771	74.000	5.995	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: 2016/08/28 - 19:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 3	

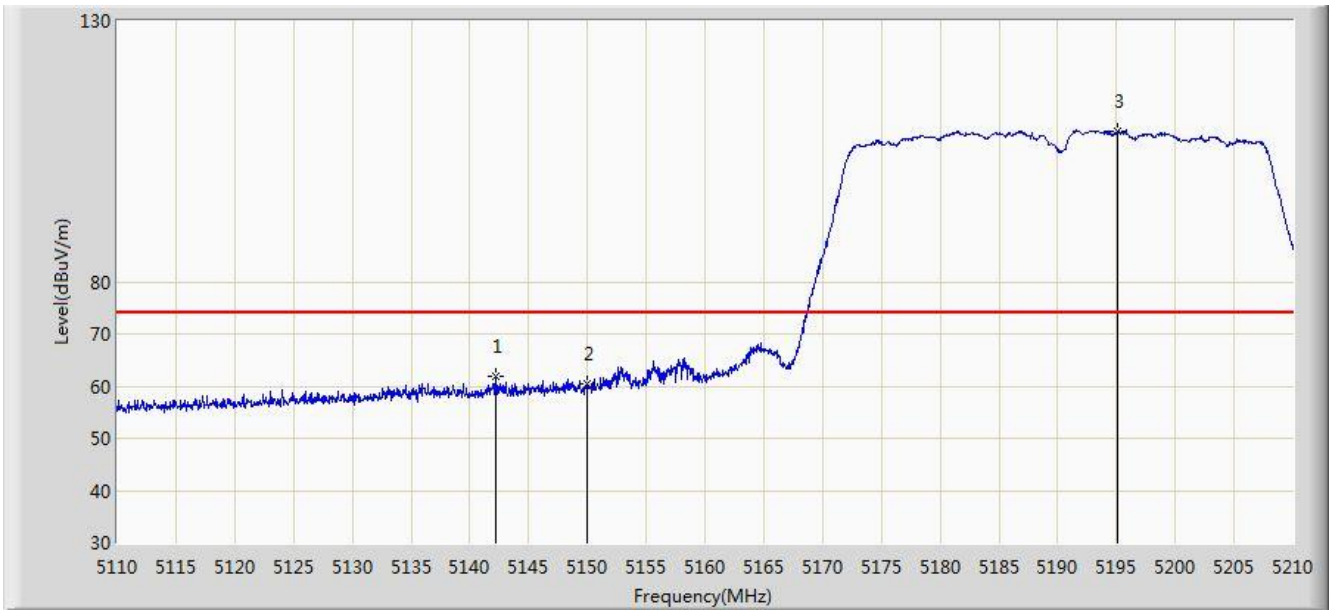


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.450	111.006	105.410	N/A	N/A	5.596	PK
2			5850.000	59.954	54.228	-62.246	122.200	5.726	PK
3			5855.000	57.487	51.741	-53.313	110.800	5.746	PK
4			5875.000	55.702	49.882	-49.498	105.200	5.820	PK
5			5925.000	55.105	49.139	-18.895	74.000	5.967	PK
6			5931.263	57.298	51.316	-16.702	74.000	5.982	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: 2016/08/28 - 19:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3	

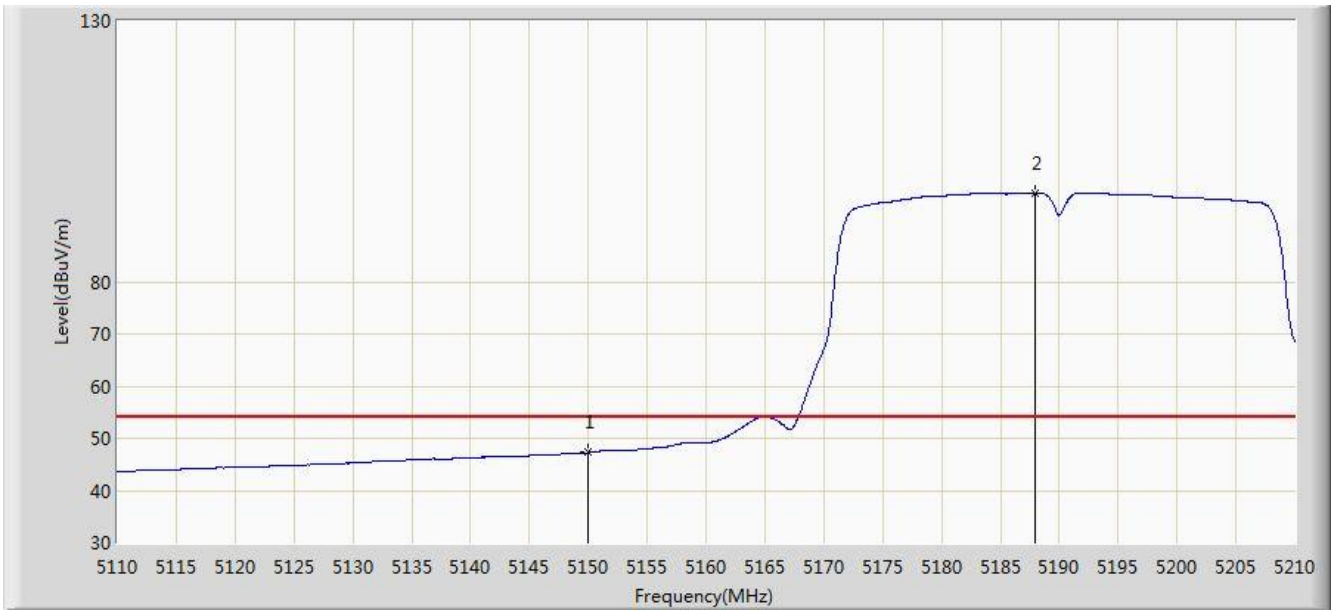


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.200	61.821	57.645	-12.179	74.000	4.175	PK
2			5150.000	60.388	56.219	-13.612	74.000	4.170	PK
3		*	5195.100	108.736	104.721	N/A	N/A	4.015	PK

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: 2016/08/28 - 19:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3	

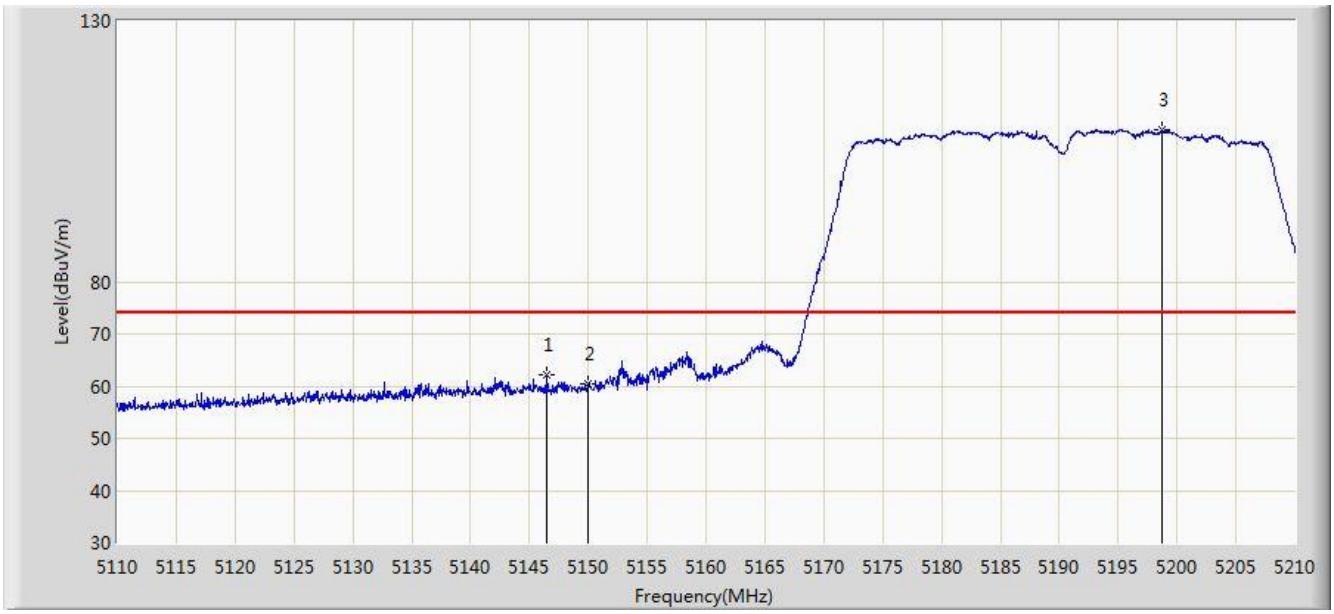


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.268	43.099	-6.732	54.000	4.170	AV
2		*	5188.000	97.068	93.027	N/A	N/A	4.041	AV

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: 2016/08/28 - 19:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3	

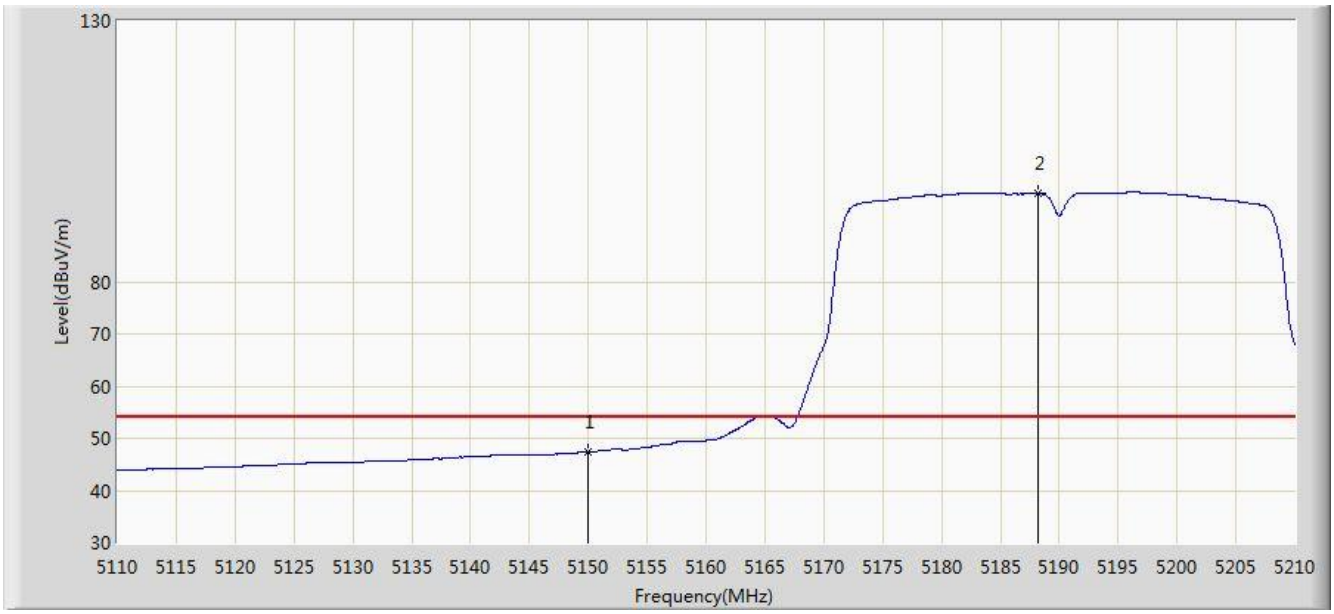


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.500	62.086	57.910	-11.914	74.000	4.176	PK
2			5150.000	60.530	56.361	-13.470	74.000	4.170	PK
3		*	5198.750	109.097	105.095	N/A	N/A	4.002	PK

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: 2016/08/28 - 19:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3	

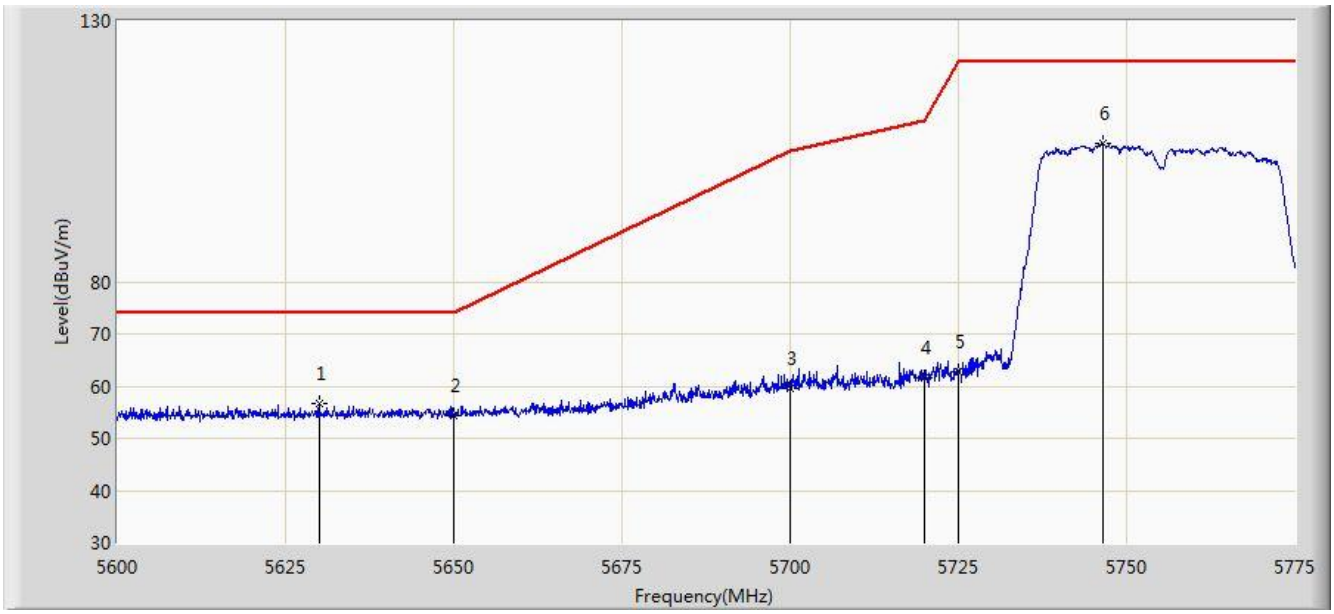


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.282	43.113	-6.718	54.000	4.170	AV
2		*	5188.150	96.929	92.889	N/A	N/A	4.040	AV

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: 2016/08/28 - 20:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 3	

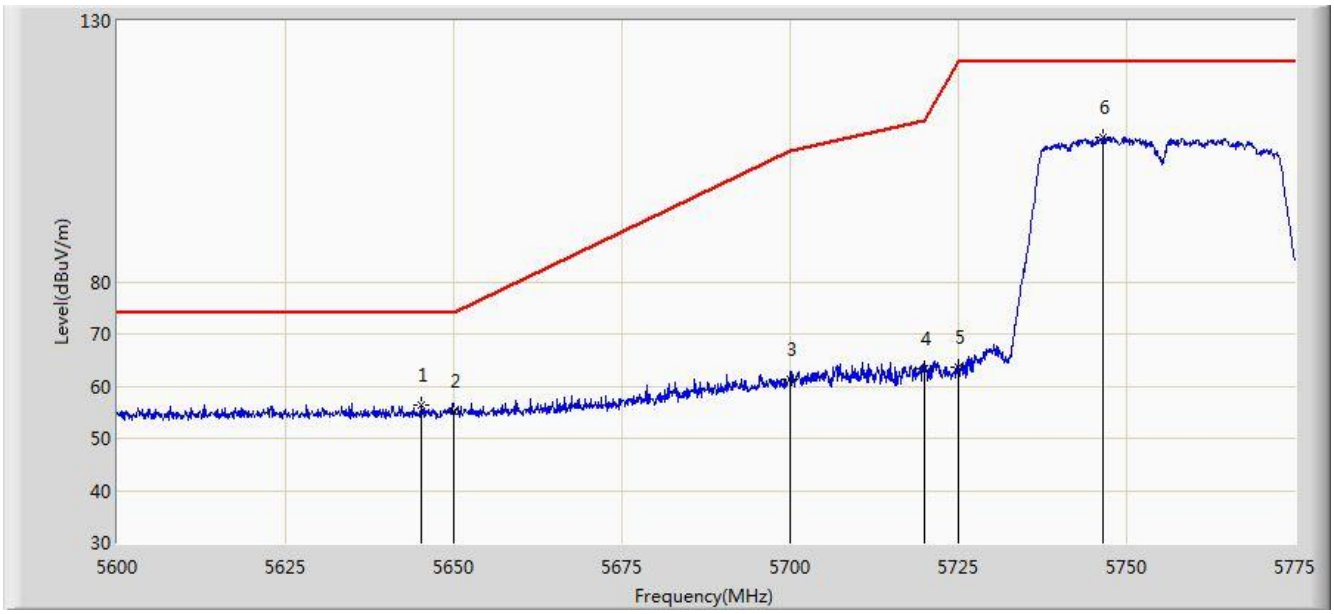


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5630.013	56.566	51.957	-17.434	74.000	4.609	PK
2			5650.000	54.396	49.725	-19.604	74.000	4.671	PK
3			5700.000	59.615	54.737	-45.585	105.200	4.878	PK
4			5720.000	61.497	56.500	-49.303	110.800	4.997	PK
5			5725.000	62.833	57.804	-59.367	122.200	5.029	PK
6		*	5746.475	106.553	101.390	N/A	N/A	5.163	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: 2016/08/28 - 20:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 3	

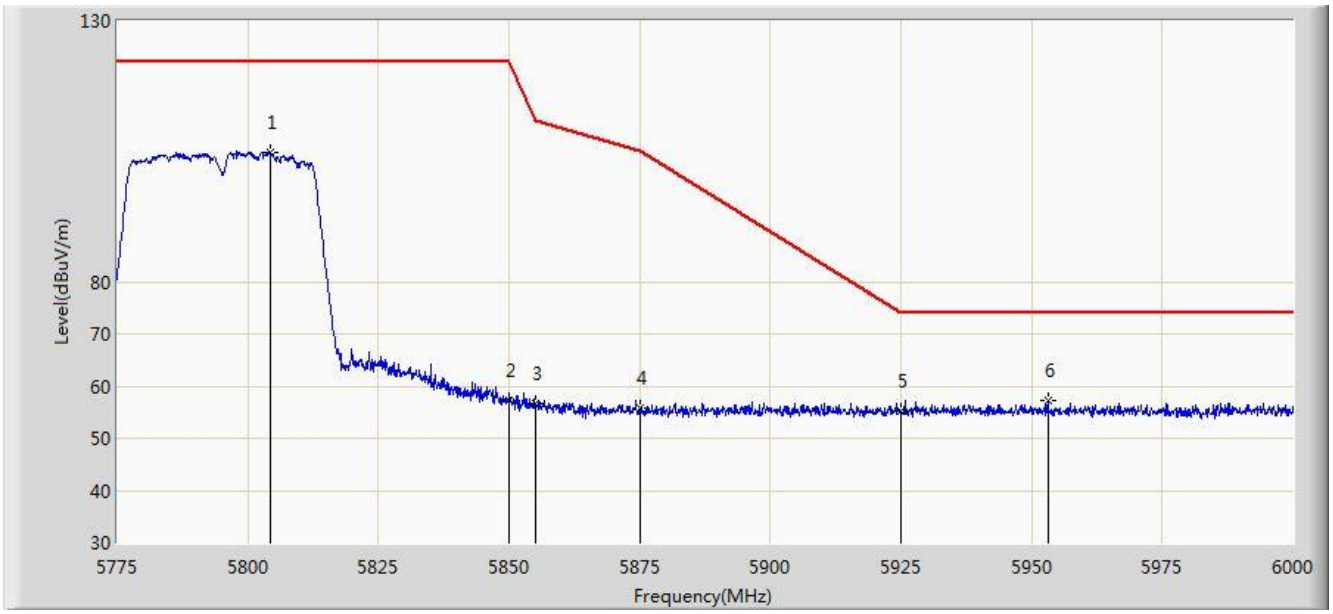


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.150	56.470	51.815	-17.530	74.000	4.654	PK
2			5650.000	55.193	50.522	-18.807	74.000	4.671	PK
3			5700.000	61.201	56.323	-43.999	105.200	4.878	PK
4			5720.000	63.331	58.334	-47.469	110.800	4.997	PK
5			5725.000	63.638	58.609	-58.562	122.200	5.029	PK
6		*	5746.562	107.748	102.584	N/A	N/A	5.164	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: 2016/08/28 - 20:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 3	

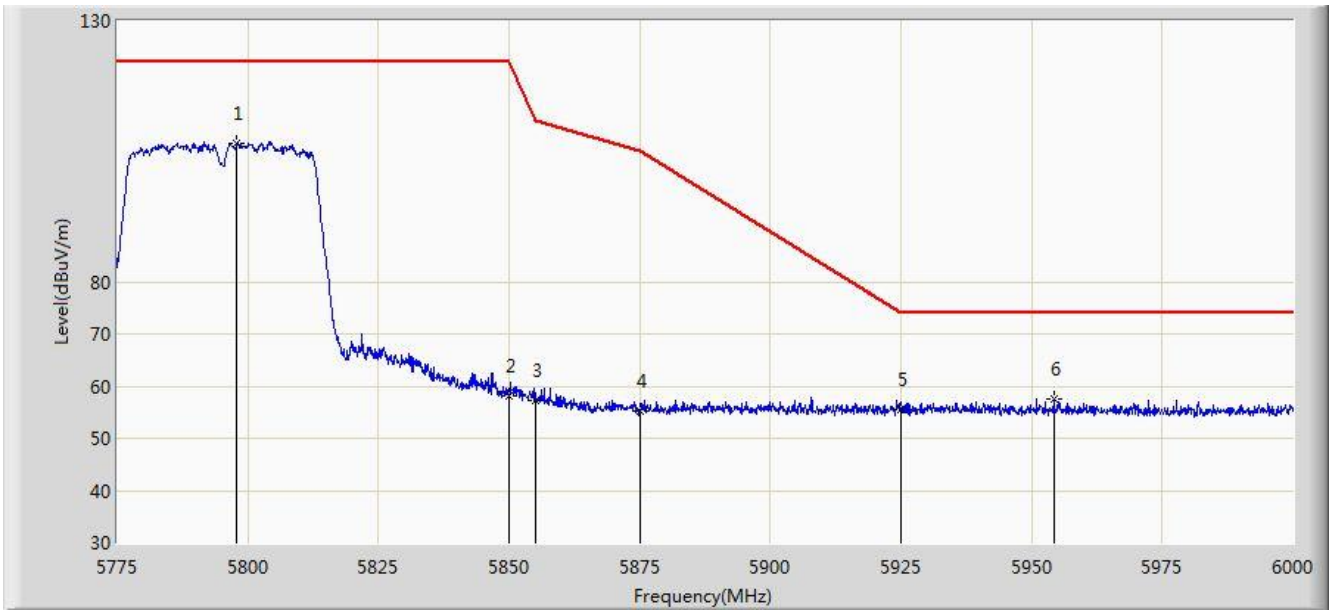


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5804.362	104.839	99.370	N/A	N/A	5.469	PK
2			5850.000	57.168	51.442	-65.032	122.200	5.726	PK
3			5855.000	56.696	50.950	-54.104	110.800	5.746	PK
4			5875.000	55.793	49.973	-49.407	105.200	5.820	PK
5			5925.000	55.333	49.367	-18.667	74.000	5.967	PK
6		*	5953.087	57.352	51.320	-16.648	74.000	6.032	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: 2016/08/28 - 20:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 3	

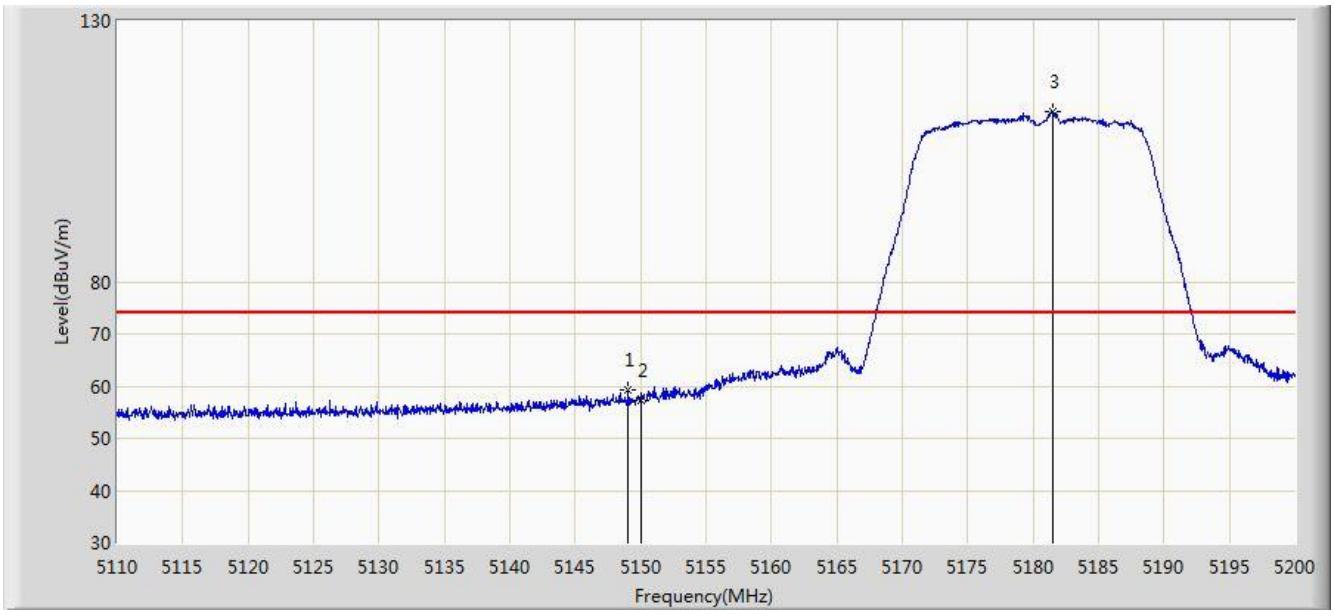


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5797.950	106.584	101.150	N/A	N/A	5.435	PK
2			5850.000	57.993	52.267	-64.207	122.200	5.726	PK
3			5855.000	57.362	51.616	-53.438	110.800	5.746	PK
4			5875.000	55.169	49.349	-50.031	105.200	5.820	PK
5			5925.000	55.608	49.642	-18.392	74.000	5.967	PK
6			5954.212	57.486	51.452	-16.514	74.000	6.034	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: 2016/08/28 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3	

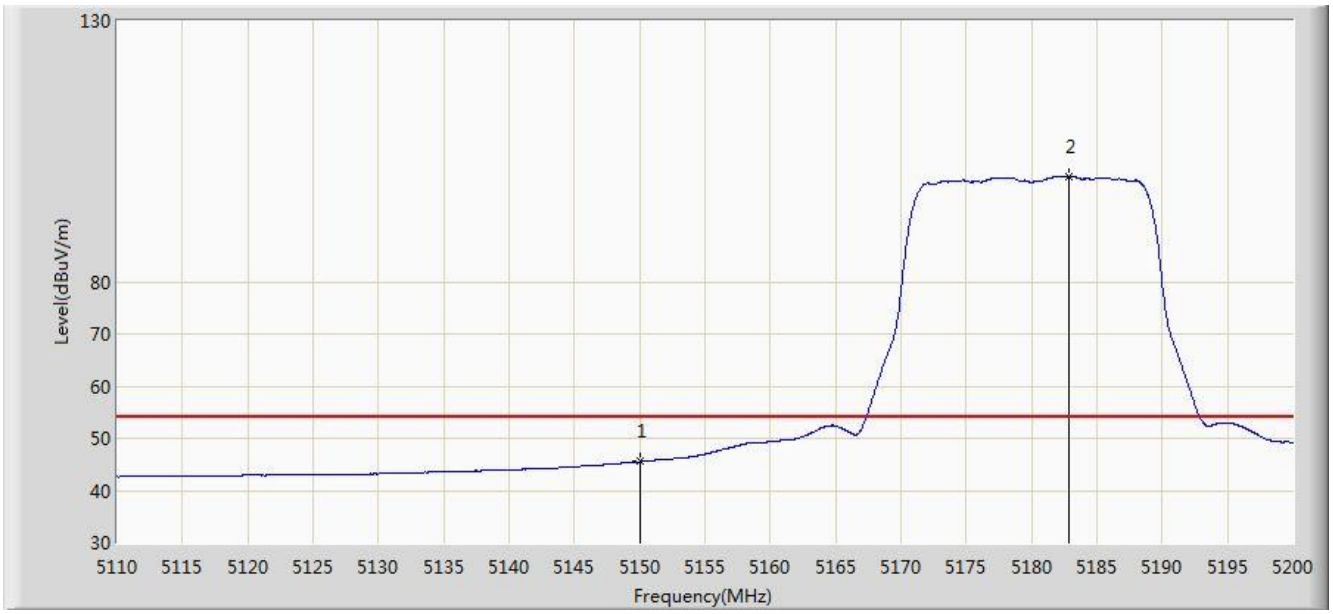


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	59.218	55.046	-14.782	74.000	4.173	PK
2			5150.000	57.235	53.066	-16.765	74.000	4.170	PK
3		*	5181.460	112.575	108.511	N/A	N/A	4.064	PK

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: 2016/08/28 - 20:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3	

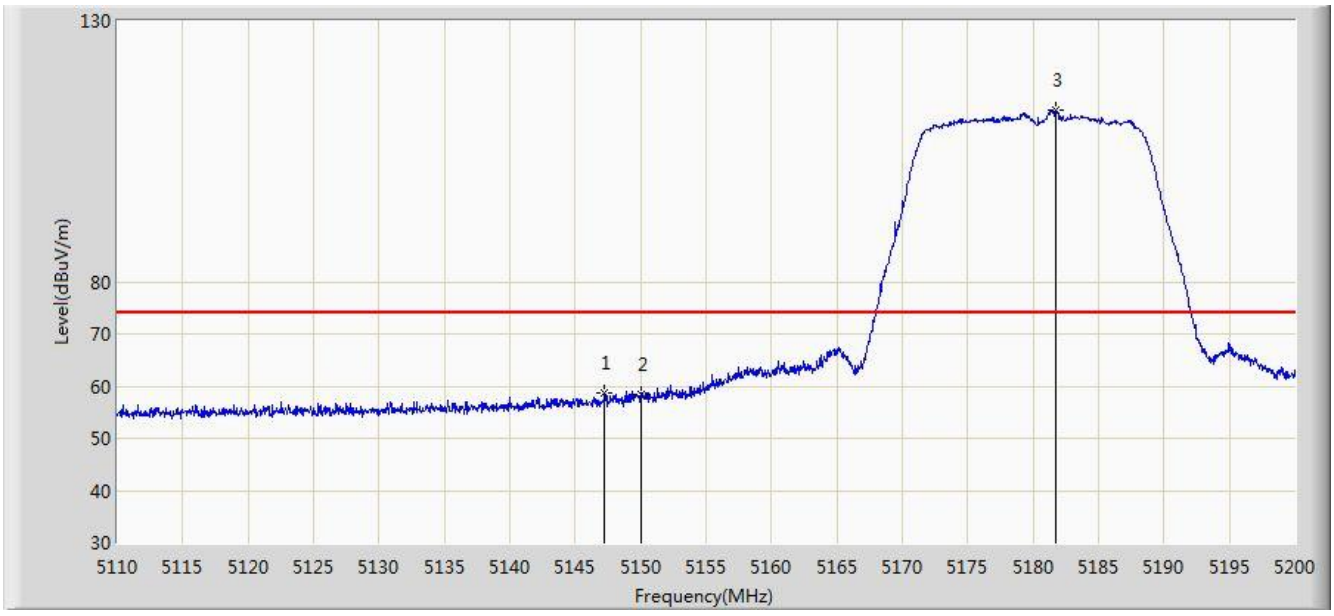


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.523	41.354	-8.477	54.000	4.170	AV
2		*	5182.855	100.178	96.119	N/A	N/A	4.059	AV

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: 2016/08/28 - 20:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3	

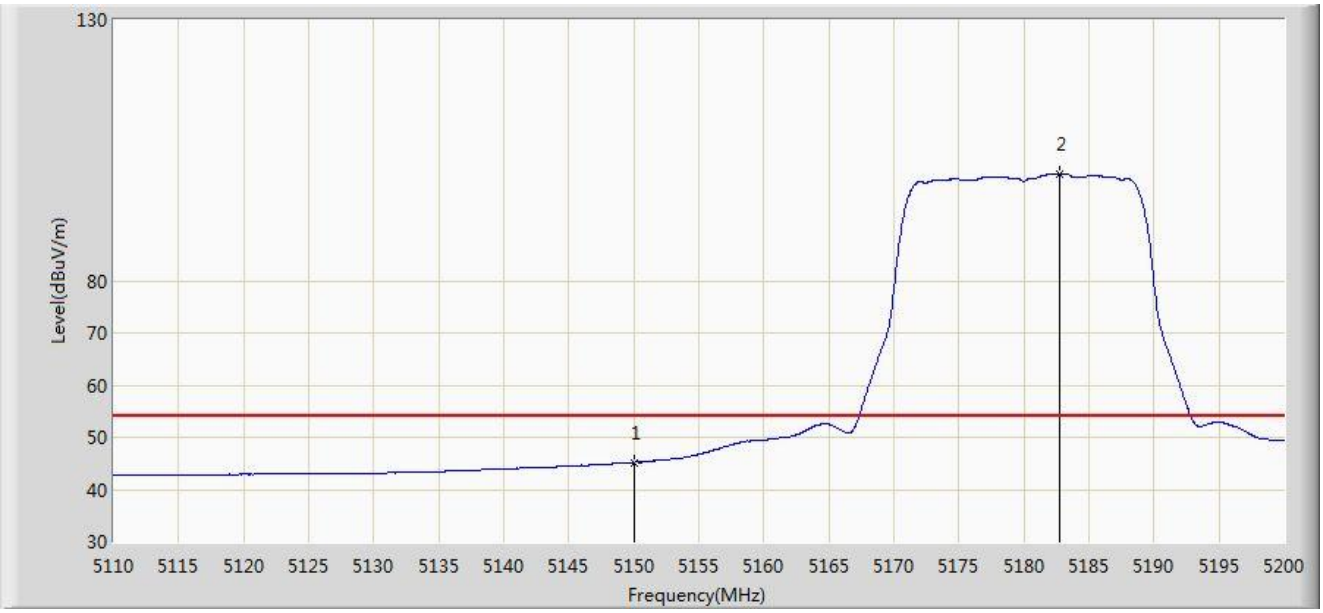


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.260	58.700	54.524	-15.300	74.000	4.176	PK
2			5150.000	58.495	54.326	-15.505	74.000	4.170	PK
3		*	5181.730	112.810	108.747	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2016/08/28 - 20:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3	

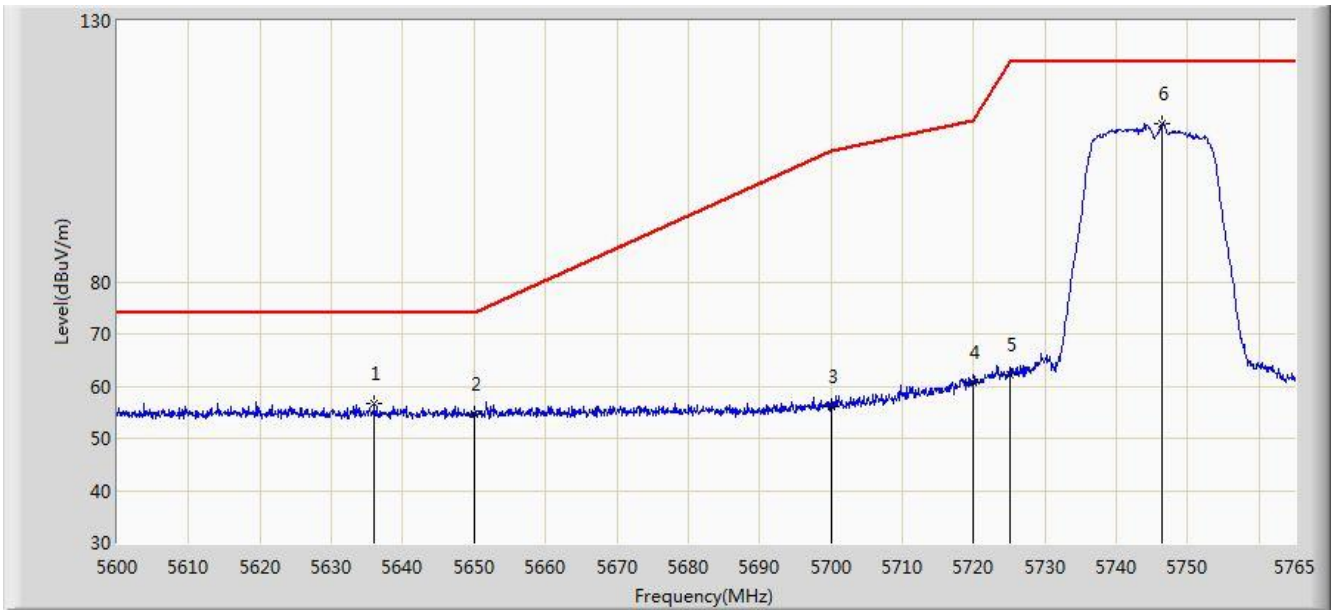


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.191	41.022	-8.809	54.000	4.170	AV
2		*	5182.720	100.420	96.361	N/A	N/A	4.060	AV

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: 2016/08/28 - 20:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 3	

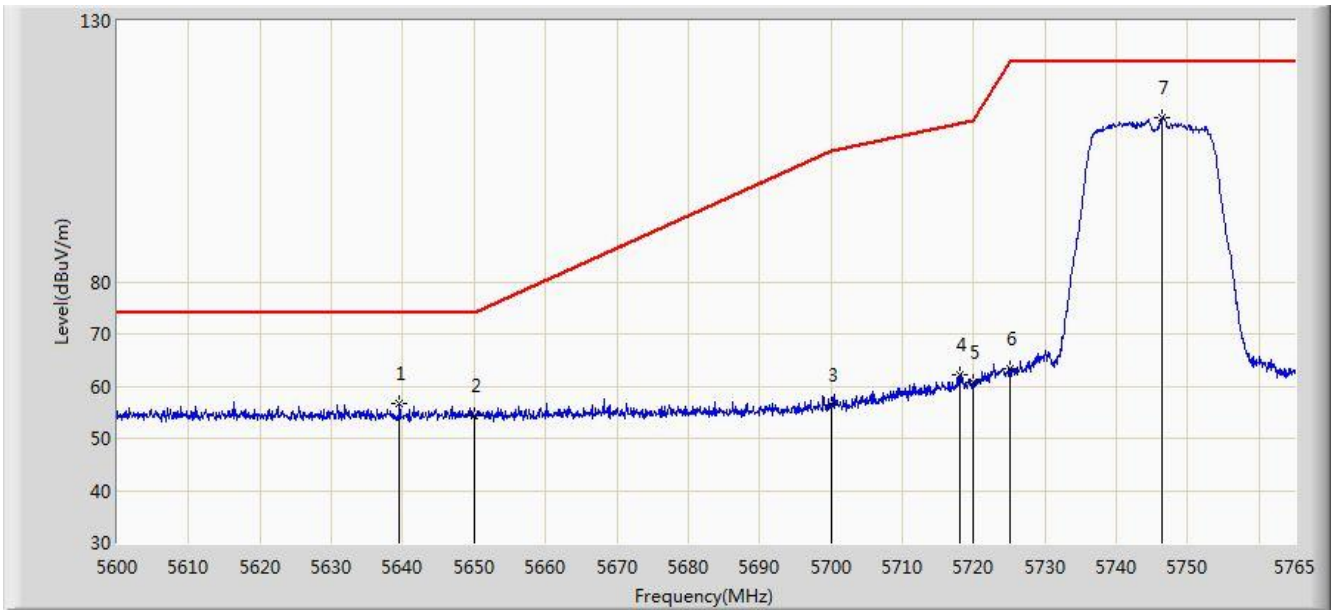


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5635.970	56.585	51.959	-17.415	74.000	4.627	PK
2			5650.000	54.578	49.907	-19.422	74.000	4.671	PK
3			5700.000	56.145	51.267	-49.055	105.200	4.878	PK
4			5720.000	60.794	55.797	-50.006	110.800	4.997	PK
5			5725.000	62.269	57.240	-59.931	122.200	5.029	PK
6		*	5746.437	110.286	105.123	N/A	N/A	5.163	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: 2016/08/28 - 20:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 3	

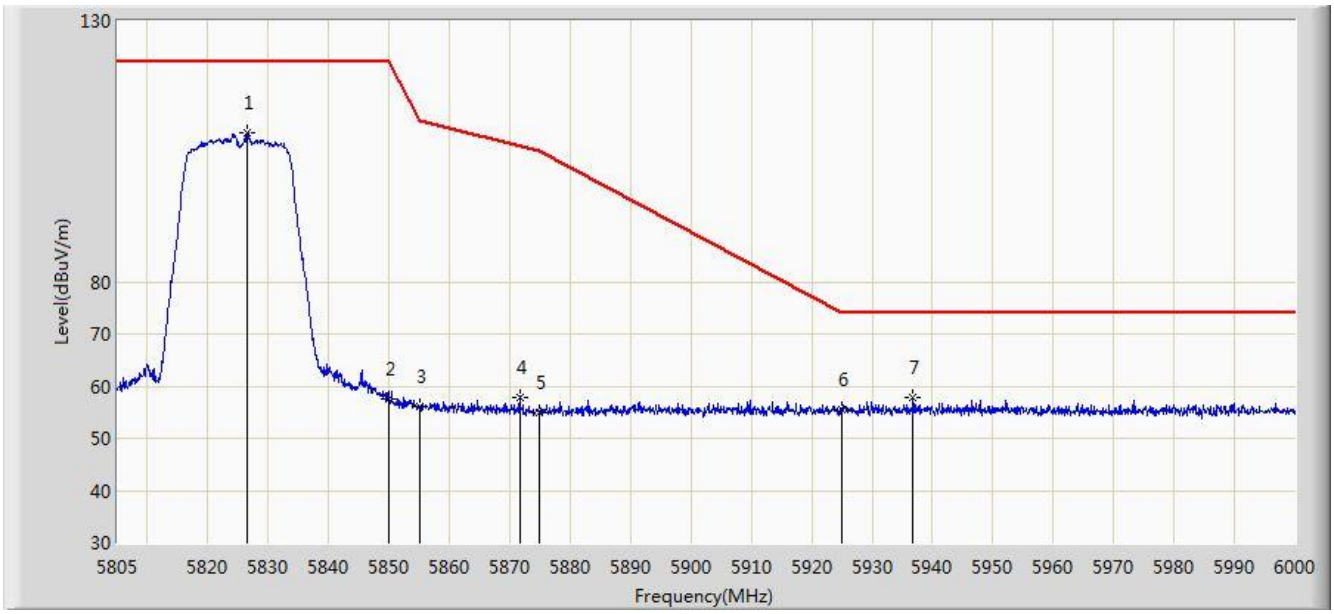


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.518	56.692	52.055	-17.308	74.000	4.637	PK
2			5650.000	54.217	49.546	-19.783	74.000	4.671	PK
3			5700.000	56.319	51.441	-48.881	105.200	4.878	PK
4			5718.140	62.214	57.229	-48.066	110.280	4.985	PK
5			5720.000	60.756	55.759	-50.044	110.800	4.997	PK
6			5725.000	63.392	58.363	-58.808	122.200	5.029	PK
7		*	5746.437	111.358	106.195	N/A	N/A	5.163	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: 2016/08/28 - 20:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 3	

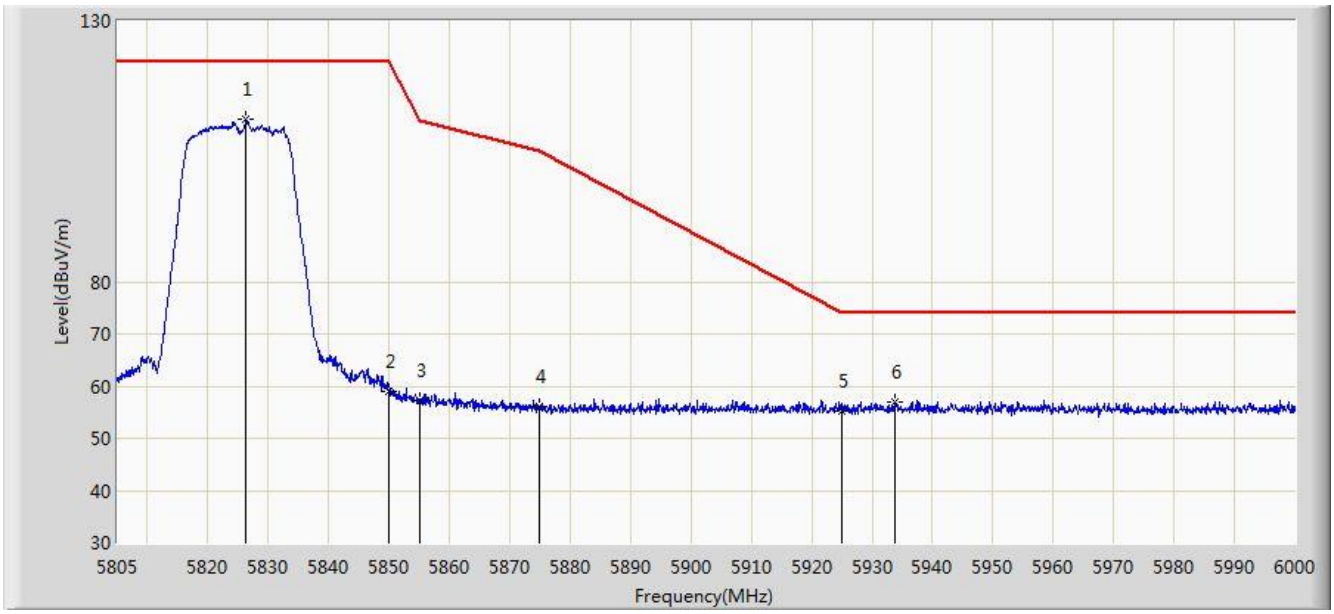


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.450	108.462	102.866	N/A	N/A	5.596	PK
2			5850.000	57.638	51.912	-64.562	122.200	5.726	PK
3			5855.000	56.037	50.291	-54.763	110.800	5.746	PK
4			5871.592	57.969	52.161	-48.184	106.153	5.809	PK
5			5875.000	55.032	49.212	-50.168	105.200	5.820	PK
6			5925.000	55.607	49.641	-18.393	74.000	5.967	PK
7			5936.820	57.715	51.719	-16.285	74.000	5.995	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: 2016/08/28 - 20:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 3	

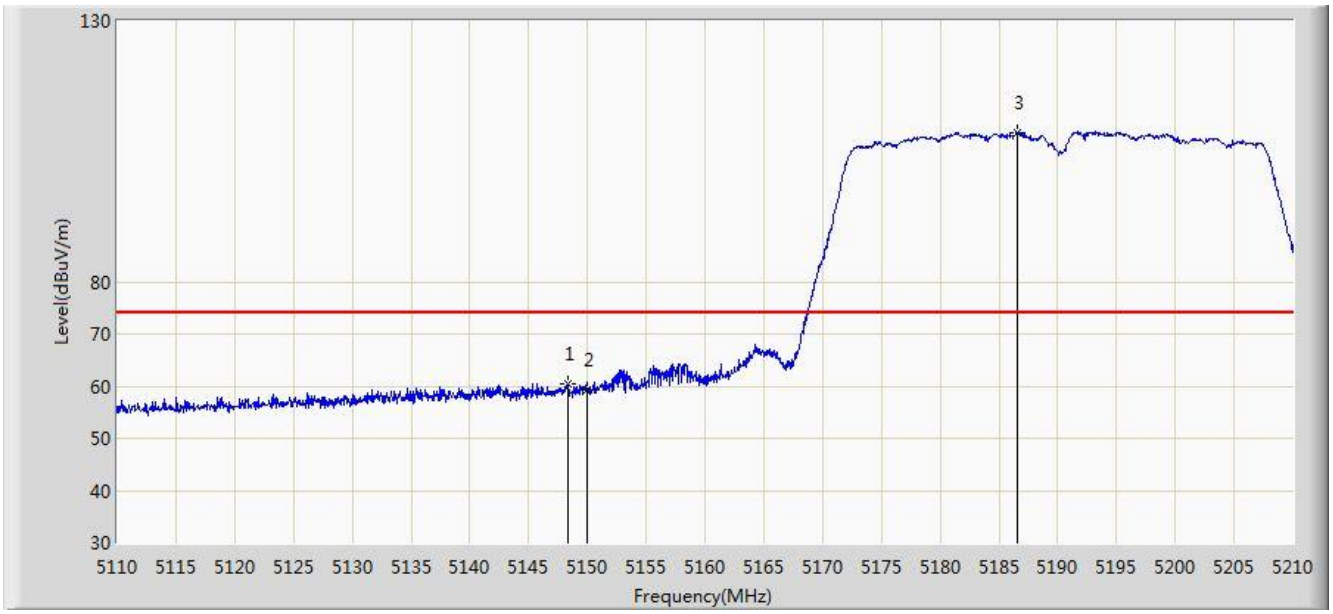


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.353	111.187	105.591	N/A	N/A	5.595	PK
2			5850.000	59.065	53.339	-63.135	122.200	5.726	PK
3			5855.000	57.250	51.504	-53.550	110.800	5.746	PK
4			5875.000	56.224	50.404	-48.976	105.200	5.820	PK
5			5925.000	55.342	49.376	-18.658	74.000	5.967	PK
6			5933.700	57.020	51.032	-16.980	74.000	5.988	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: 2016/08/28 - 20:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3	

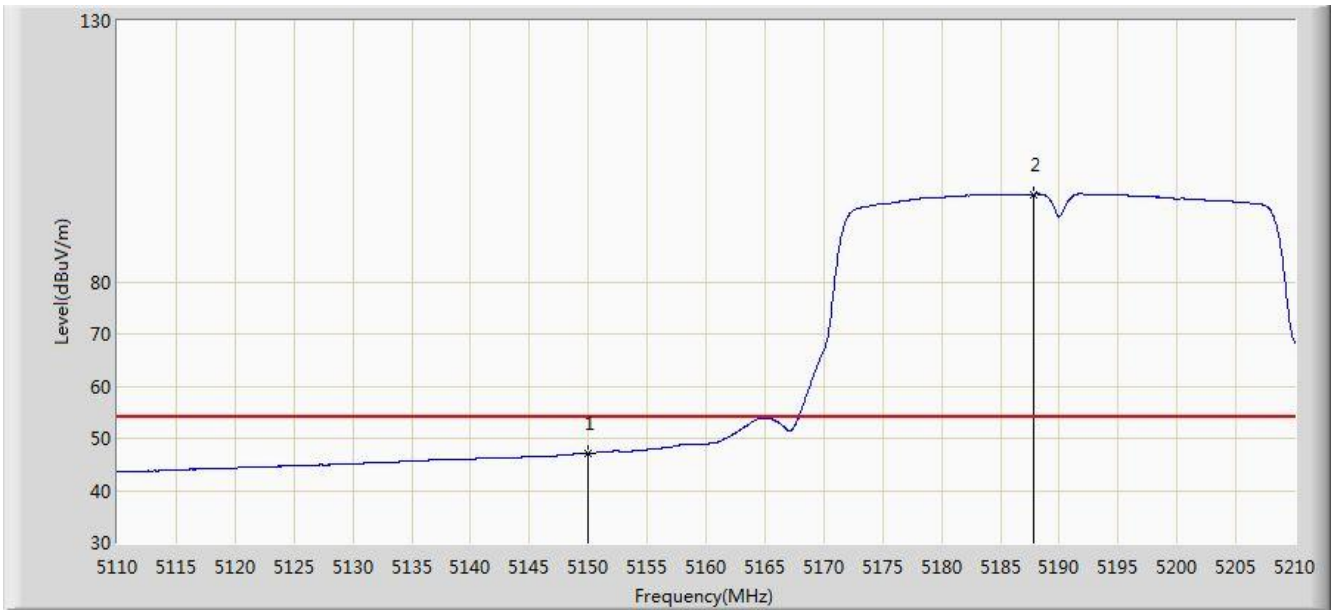


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.300	60.378	56.203	-13.622	74.000	4.174	PK
2			5150.000	59.352	55.183	-14.648	74.000	4.170	PK
3		*	5186.600	108.484	104.439	N/A	N/A	4.045	PK

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: 2016/08/28 - 20:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3	

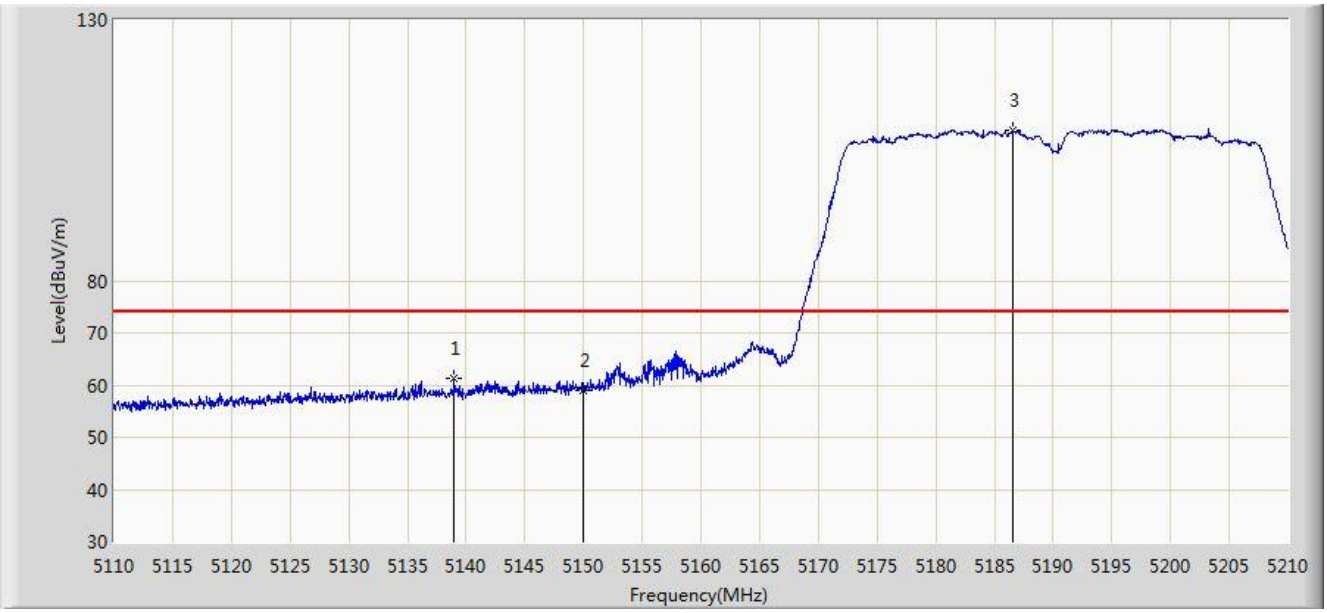


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.047	42.878	-6.953	54.000	4.170	AV
2		*	5187.850	96.782	92.741	N/A	N/A	4.041	AV

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: 2016/08/28 - 20:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3	

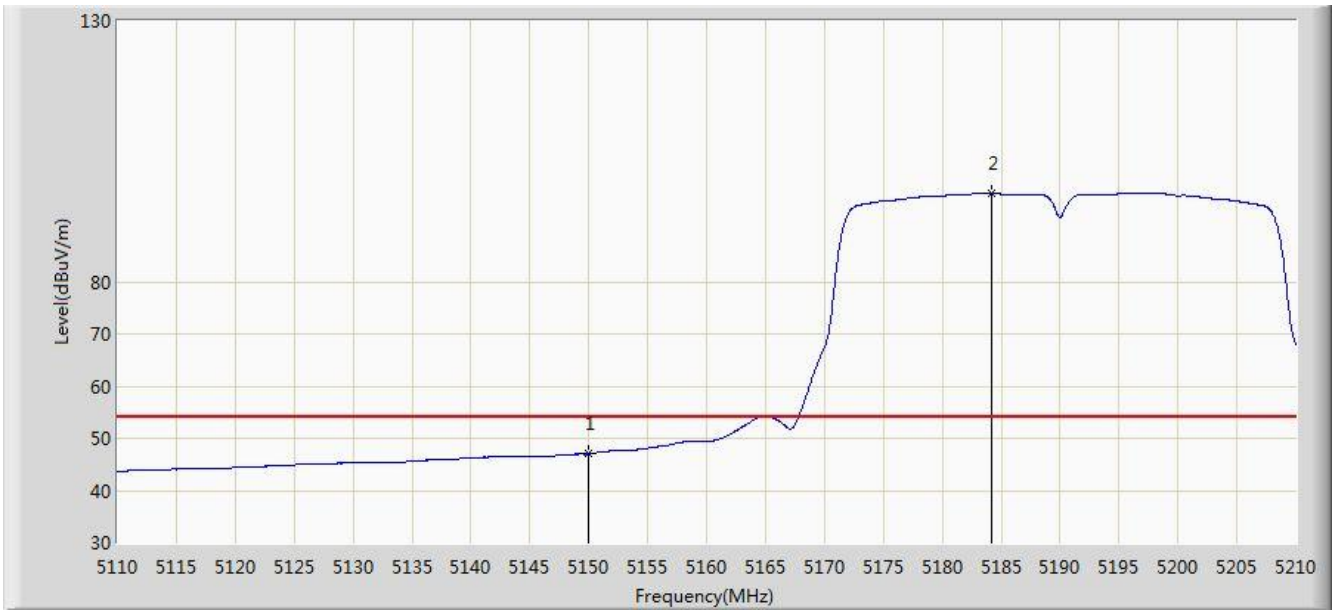


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.000	61.333	57.158	-12.667	74.000	4.175	PK
2			5150.000	58.945	54.776	-15.055	74.000	4.170	PK
3		*	5186.600	108.746	104.701	N/A	N/A	4.045	PK

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: 2016/08/28 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3	

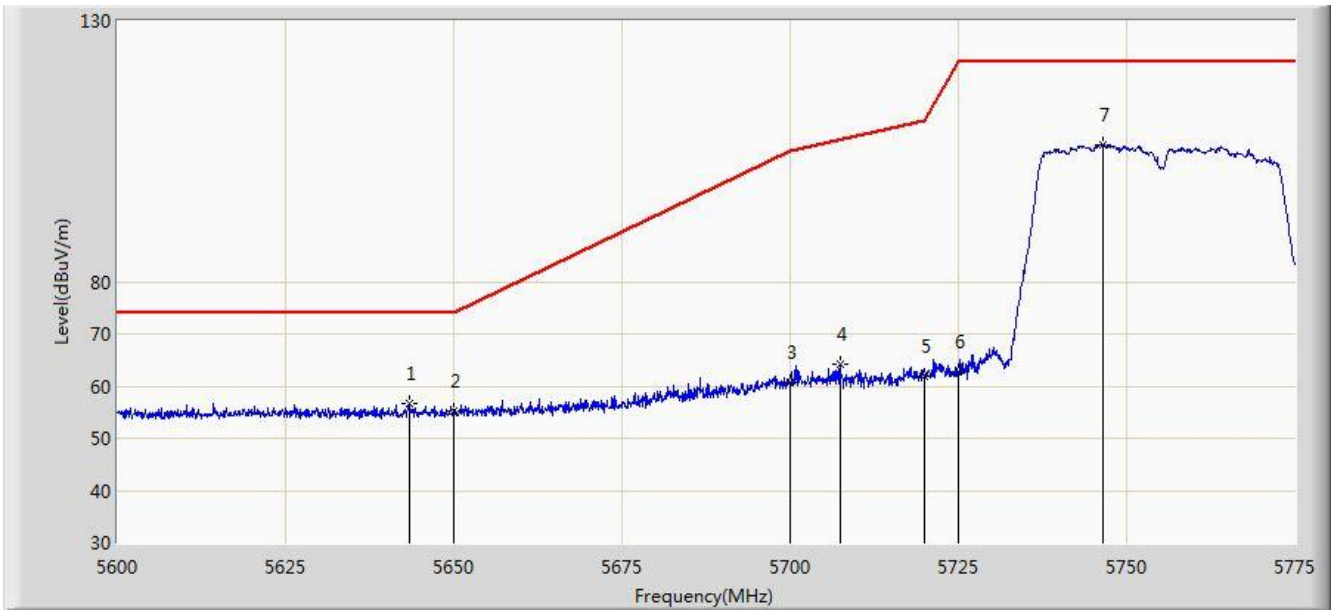


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.050	42.881	-6.950	54.000	4.170	AV
2		*	5184.150	96.945	92.891	N/A	N/A	4.054	AV

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: 2016/08/28 - 20:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 3	

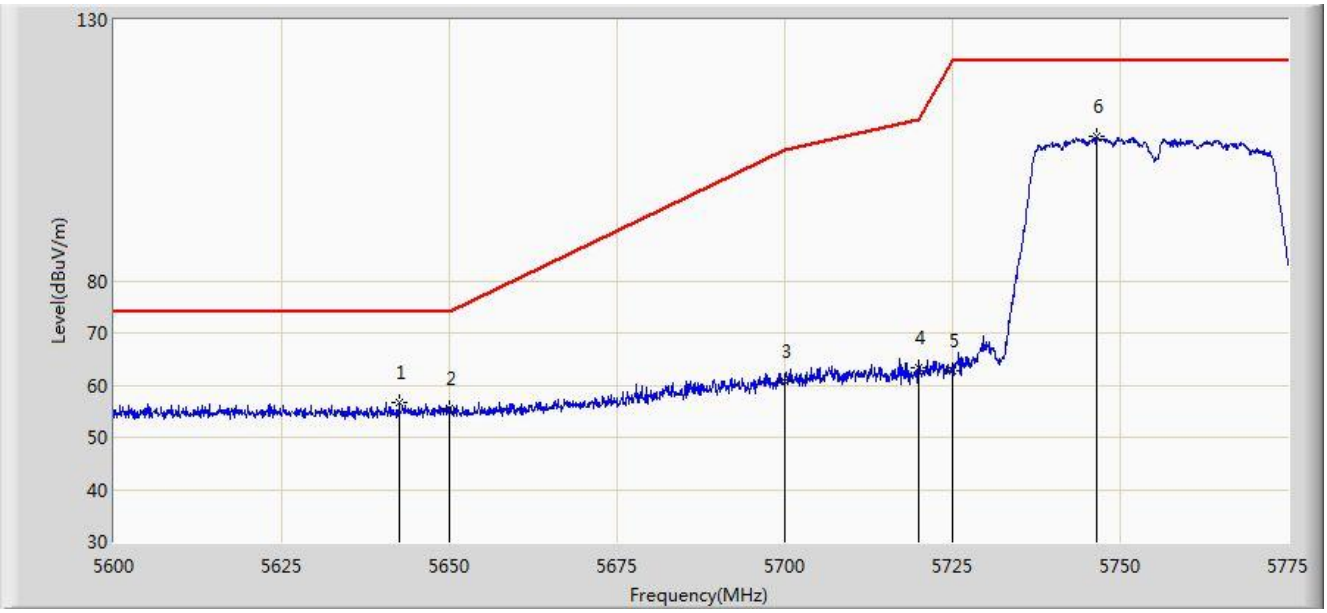


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.312	56.566	51.917	-17.434	74.000	4.649	PK
2			5650.000	55.342	50.671	-18.658	74.000	4.671	PK
3			5700.000	60.633	55.755	-44.567	105.200	4.878	PK
4			5707.362	64.148	59.231	-43.115	107.264	4.917	PK
5			5720.000	61.958	56.961	-48.842	110.800	4.997	PK
6			5725.000	62.629	57.600	-59.571	122.200	5.029	PK
7		*	5746.388	106.314	101.151	N/A	N/A	5.163	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: 2016/08/28 - 20:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 3	

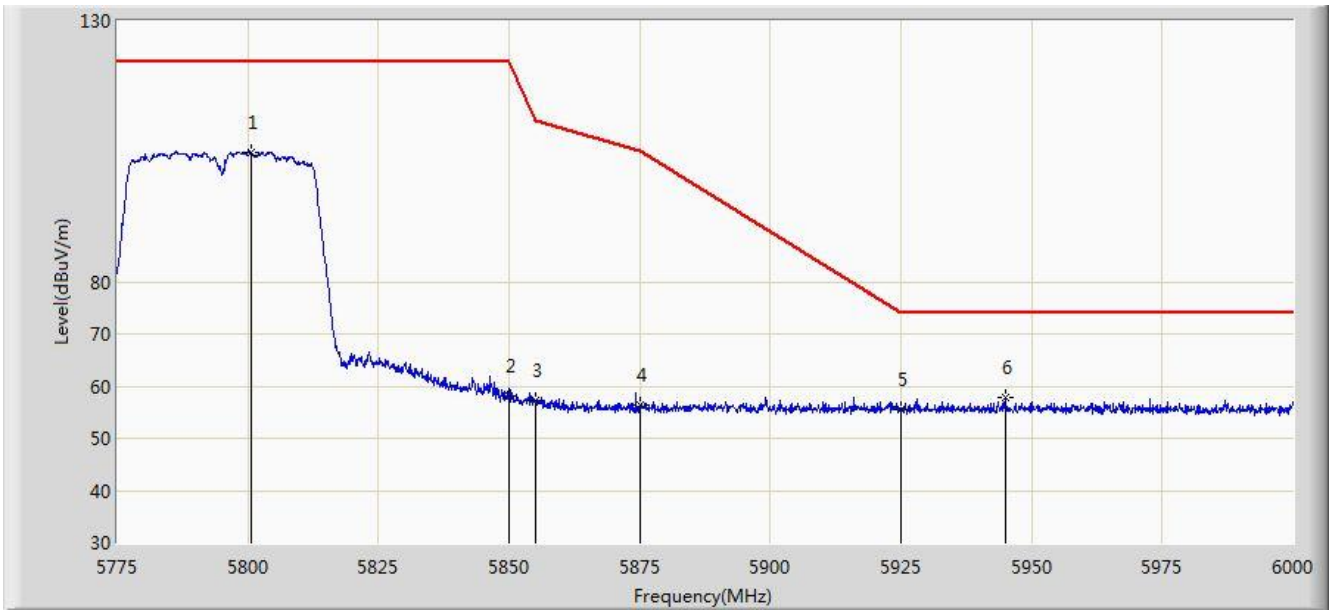


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.437	56.740	52.094	-17.260	74.000	4.646	PK
2			5650.000	55.573	50.902	-18.427	74.000	4.671	PK
3			5700.000	60.669	55.791	-44.531	105.200	4.878	PK
4			5720.000	63.410	58.413	-47.390	110.800	4.997	PK
5			5725.000	62.763	57.734	-59.437	122.200	5.029	PK
6		*	5746.475	107.649	102.486	N/A	N/A	5.163	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: 2016/08/28 - 20:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 3	

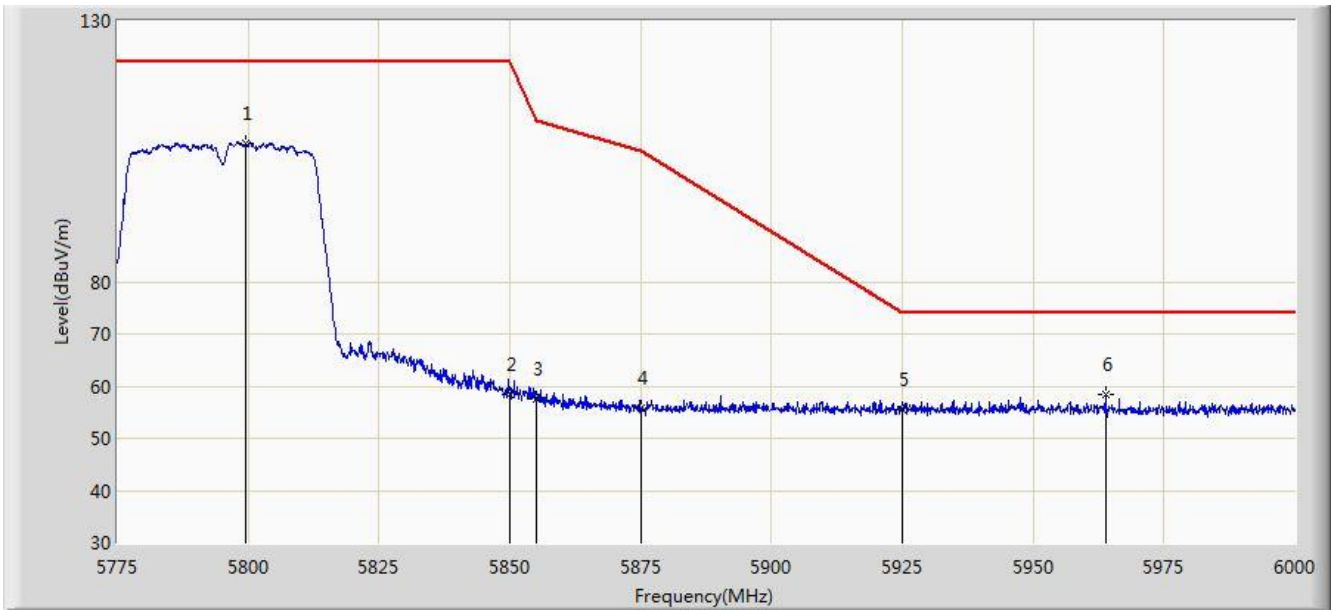


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5800.763	104.721	99.272	N/A	N/A	5.449	PK
2			5850.000	58.204	52.478	-63.996	122.200	5.726	PK
3			5855.000	57.146	51.400	-53.654	110.800	5.746	PK
4			5875.000	56.362	50.542	-48.838	105.200	5.820	PK
5			5925.000	55.462	49.496	-18.538	74.000	5.967	PK
6		*	5944.987	57.854	51.839	-16.146	74.000	6.016	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: 2016/08/28 - 20:52
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 3	

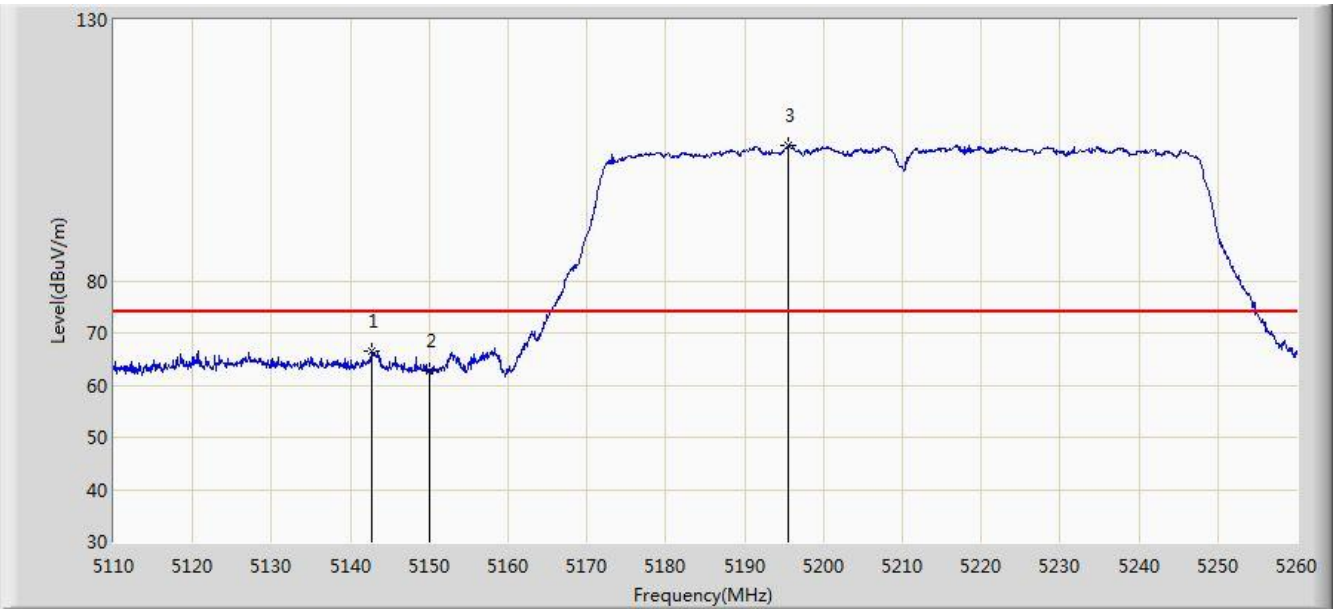


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5799.413	106.609	101.167	N/A	N/A	5.442	PK
2			5850.000	58.500	52.774	-63.700	122.200	5.726	PK
3			5855.000	57.650	51.904	-53.150	110.800	5.746	PK
4			5875.000	55.673	49.853	-49.527	105.200	5.820	PK
5			5925.000	55.600	49.634	-18.400	74.000	5.967	PK
6		*	5963.775	58.490	52.440	-15.510	74.000	6.051	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: 2016/08/28 - 20:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3	

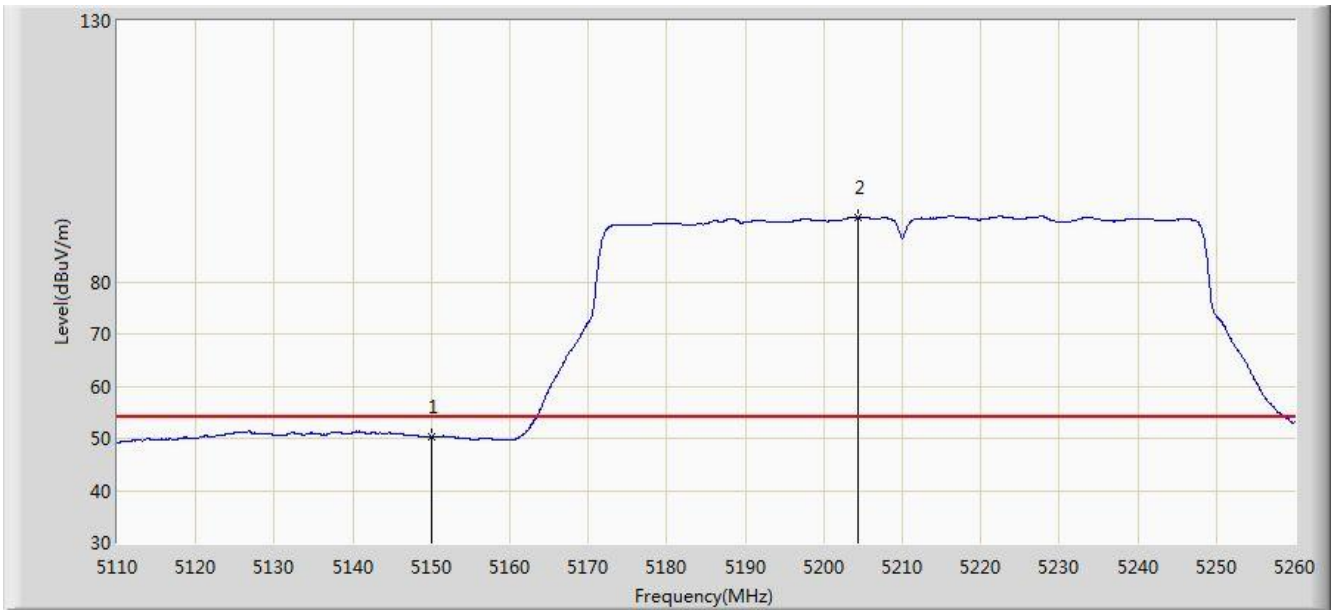


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.775	66.575	62.399	-7.425	74.000	4.176	PK
2			5150.000	62.791	58.622	-11.209	74.000	4.170	PK
3		*	5195.500	105.821	101.807	N/A	N/A	4.014	PK

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

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

Site: AC1	Time: 2016/08/28 - 20:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3	

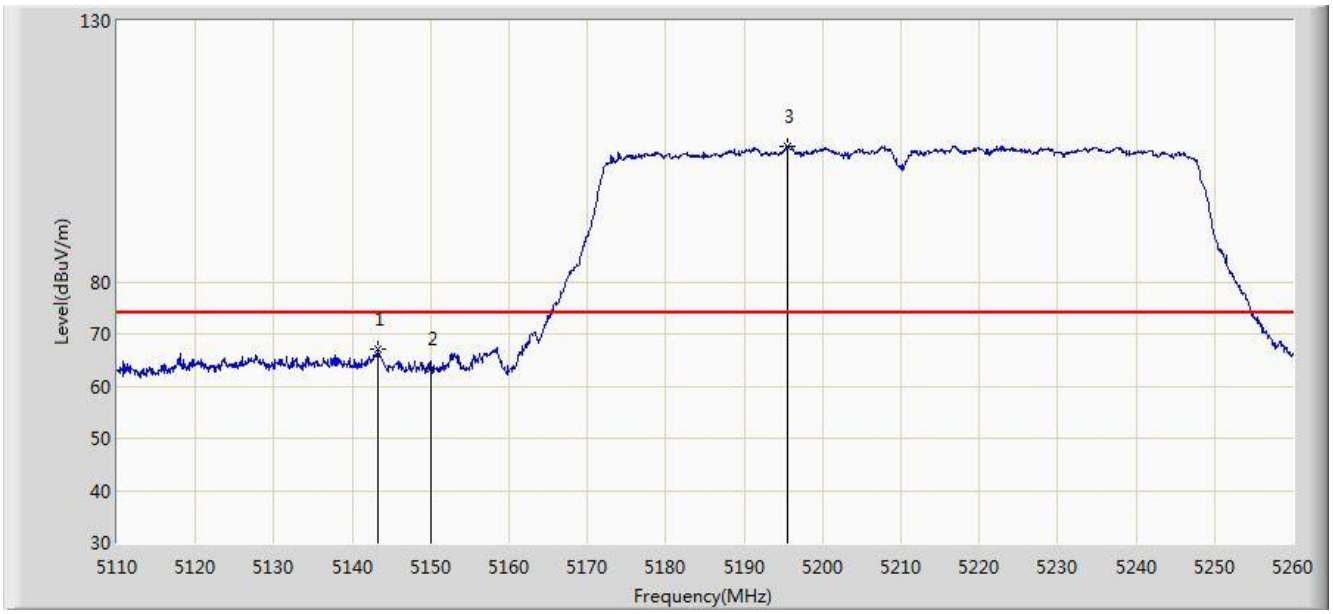


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.277	46.108	-3.723	54.000	4.170	AV
2		*	5204.425	92.307	88.322	N/A	N/A	3.985	AV

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: 2016/08/28 - 20:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3	

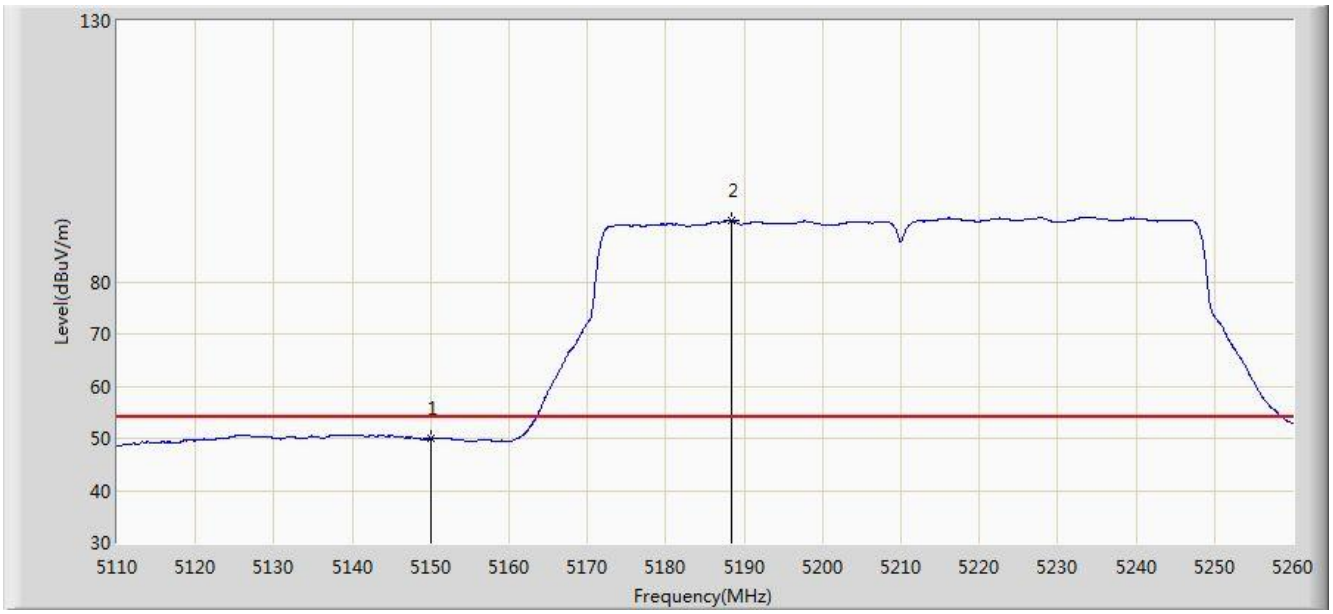


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.300	67.237	63.061	-6.763	74.000	4.176	PK
2			5150.000	63.440	59.271	-10.560	74.000	4.170	PK
3		*	5195.575	106.040	102.026	N/A	N/A	4.014	PK

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

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

Site: AC1	Time: 2016/08/28 - 20:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3	

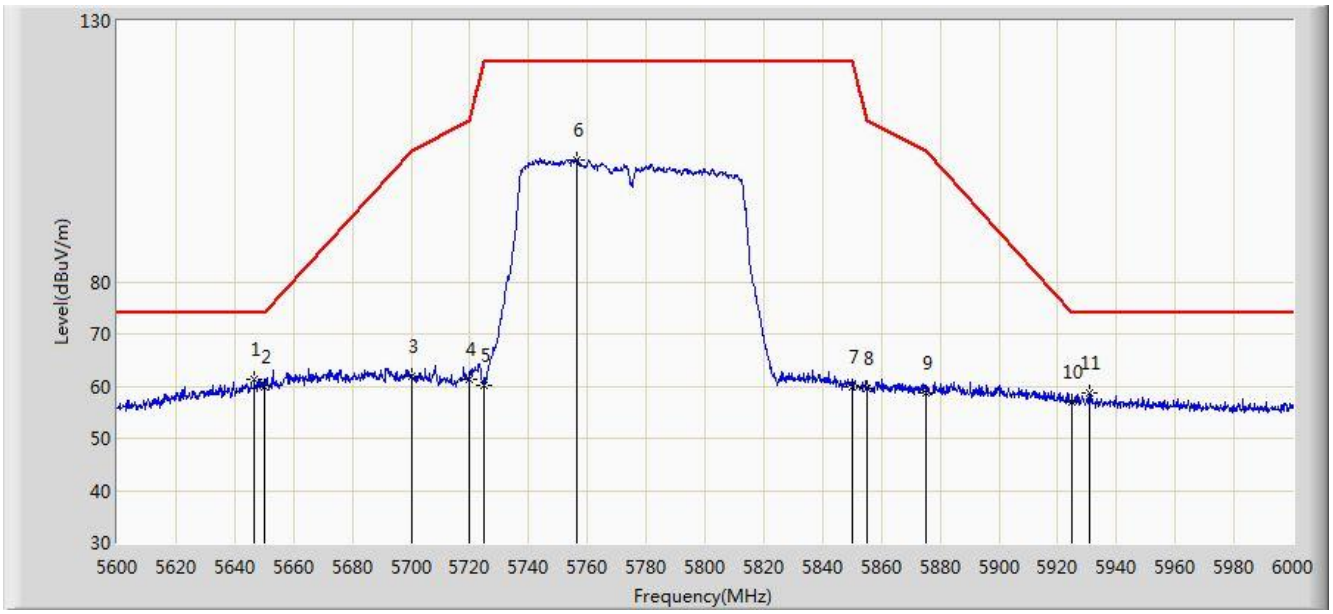


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.870	45.701	-4.130	54.000	4.170	AV
2		*	5188.300	91.832	87.793	N/A	N/A	4.040	AV

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: 2016/08/28 - 21:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 3	

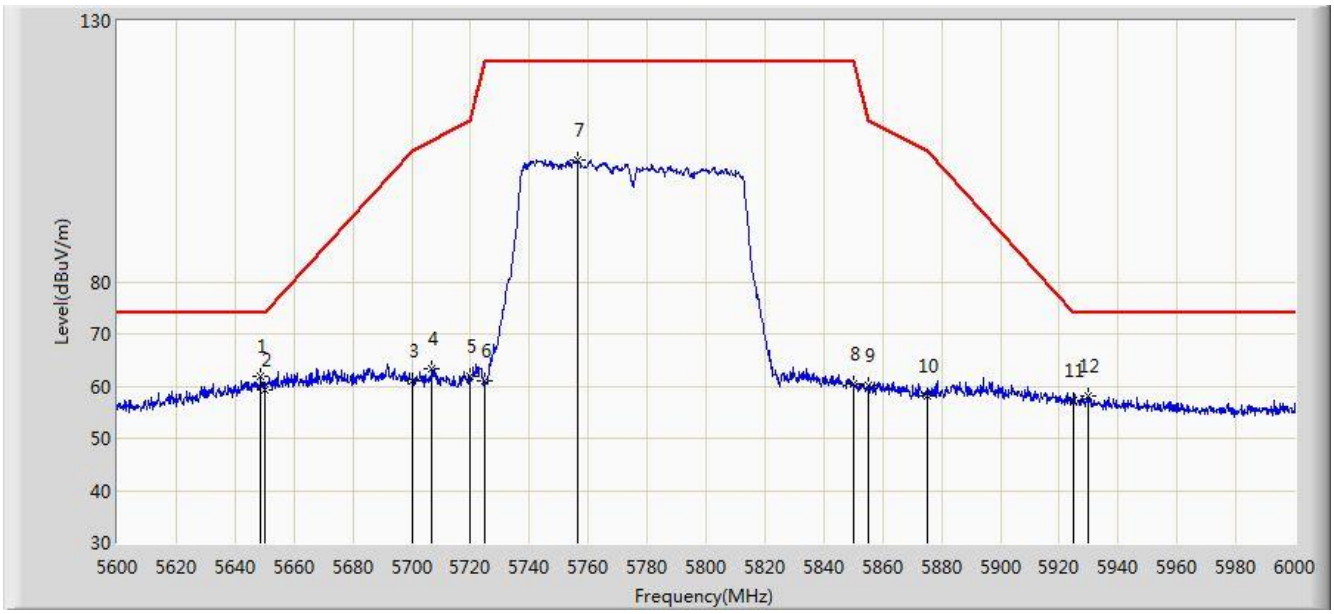


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5646.800	61.411	56.751	-12.589	74.000	4.661	PK
2			5650.000	59.911	55.240	-14.089	74.000	4.671	PK
3			5700.000	61.765	56.887	-43.435	105.200	4.878	PK
4			5720.000	61.251	56.254	-49.549	110.800	4.997	PK
5			5725.000	60.272	55.243	-61.928	122.200	5.029	PK
6			5756.400	103.449	98.229	N/A	N/A	5.219	PK
7			5850.000	59.954	54.228	-62.246	122.200	5.726	PK
8			5855.000	59.634	53.888	-51.166	110.800	5.746	PK
9			5875.000	58.807	52.987	-46.393	105.200	5.820	PK
10			5925.000	56.915	50.949	-17.085	74.000	5.967	PK
11			5930.600	58.795	52.815	-15.205	74.000	5.981	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: 2016/08/28 - 21:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 3	

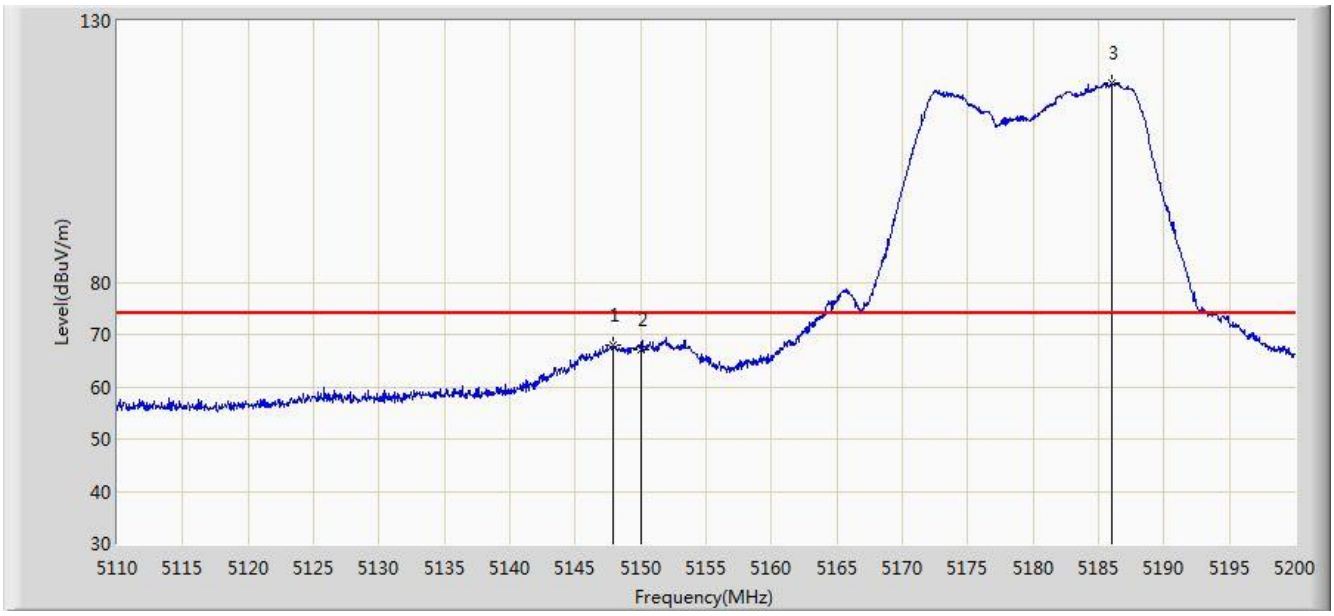


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.800	61.946	57.279	-12.054	74.000	4.667	PK
2			5650.000	59.266	54.595	-14.734	74.000	4.671	PK
3			5700.000	61.120	56.242	-44.080	105.200	4.878	PK
4			5707.000	63.296	58.381	-43.866	107.162	4.915	PK
5			5720.000	61.742	56.745	-49.058	110.800	4.997	PK
6			5725.000	61.083	56.054	-61.117	122.200	5.029	PK
7			5756.200	103.320	98.102	N/A	N/A	5.219	PK
8			5850.000	60.471	54.745	-61.729	122.200	5.726	PK
9			5855.000	60.045	54.299	-50.755	110.800	5.746	PK
10			5875.000	58.256	52.436	-46.944	105.200	5.820	PK
11			5925.000	57.320	51.354	-16.680	74.000	5.967	PK
12			5929.600	58.163	52.185	-15.837	74.000	5.978	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: 2016/08/30 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3	

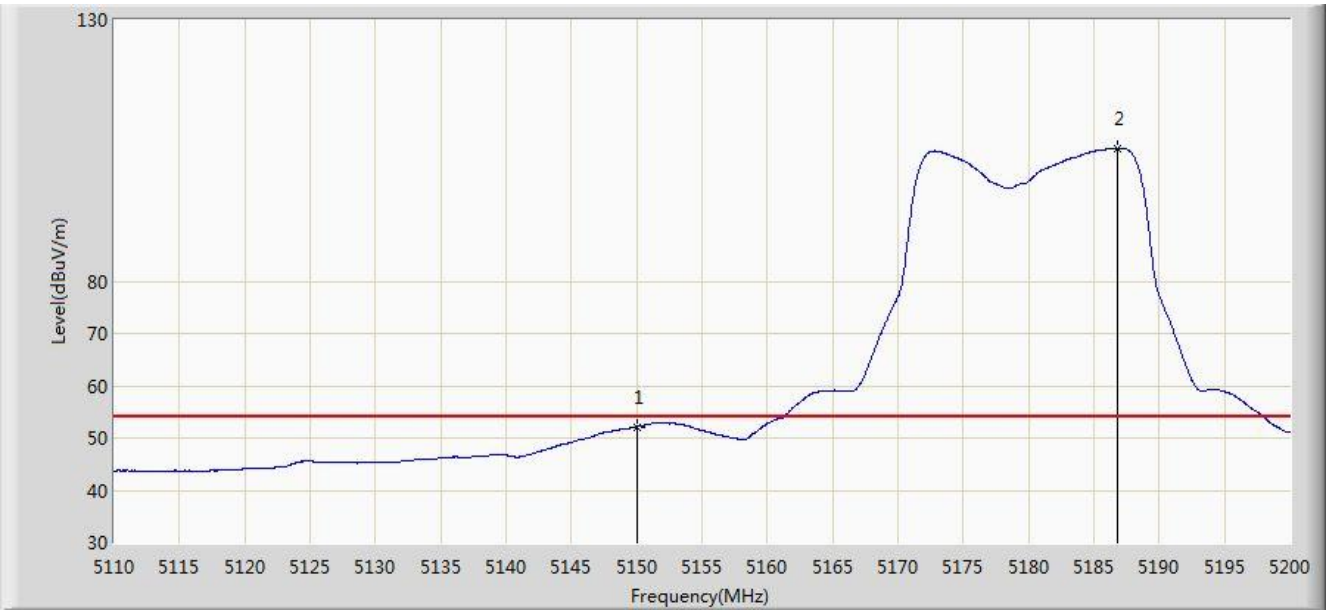


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.935	67.913	63.737	-6.087	74.000	4.176	PK
2			5150.000	67.198	63.029	-6.802	74.000	4.170	PK
3		*	5186.005	118.190	114.142	N/A	N/A	4.048	PK

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: 2016/08/30 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3	

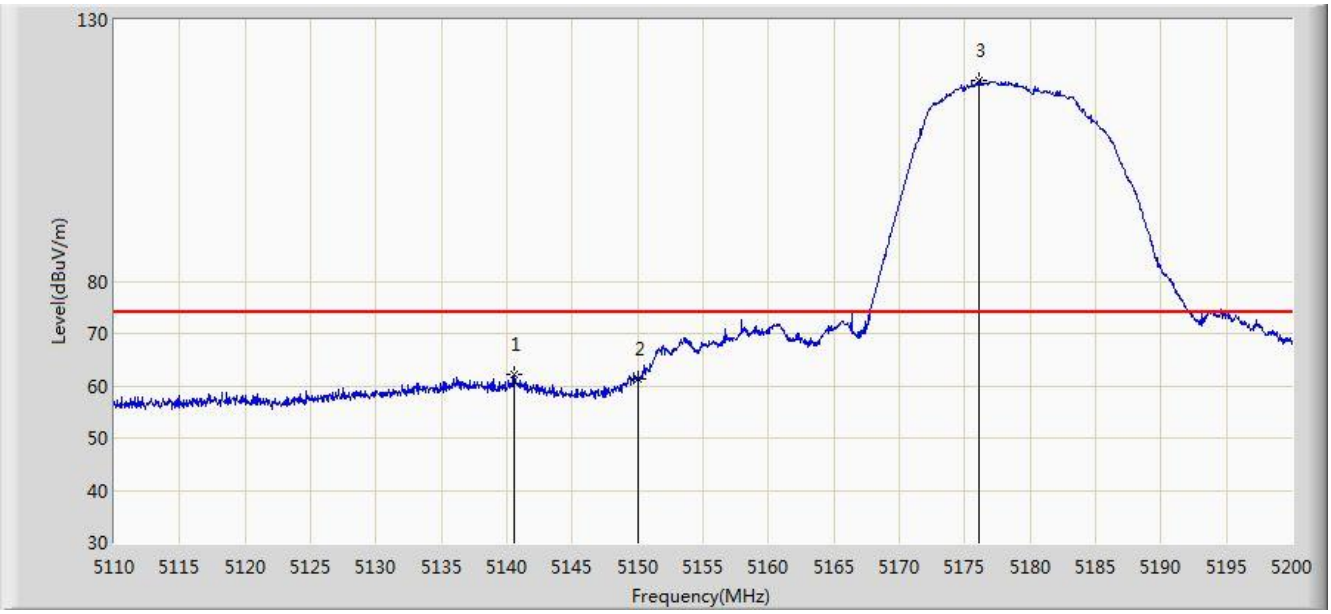


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.159	47.990	-1.841	54.000	4.170	AV
2		*	5186.815	105.433	101.388	N/A	N/A	4.045	AV

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: 2016/08/30 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3	

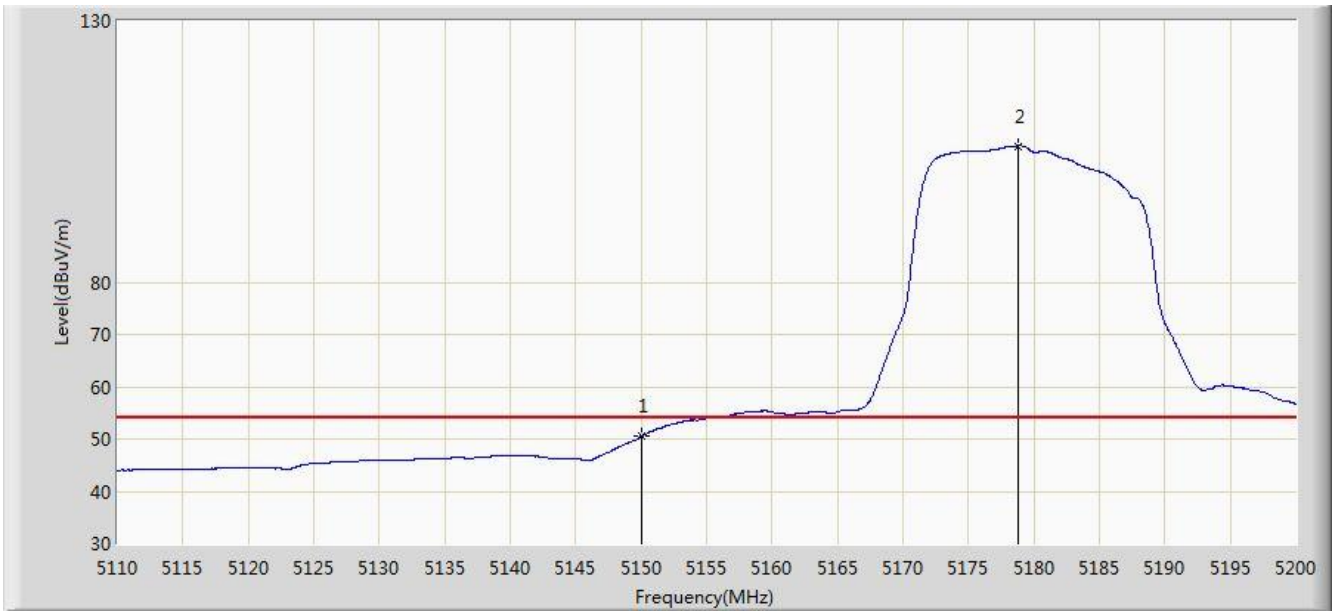


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.600	62.162	57.987	-11.838	74.000	4.176	PK
2			5150.000	61.194	57.025	-12.806	74.000	4.170	PK
3		*	5176.105	118.373	114.290	N/A	N/A	4.083	PK

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: 2016/08/30 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3	

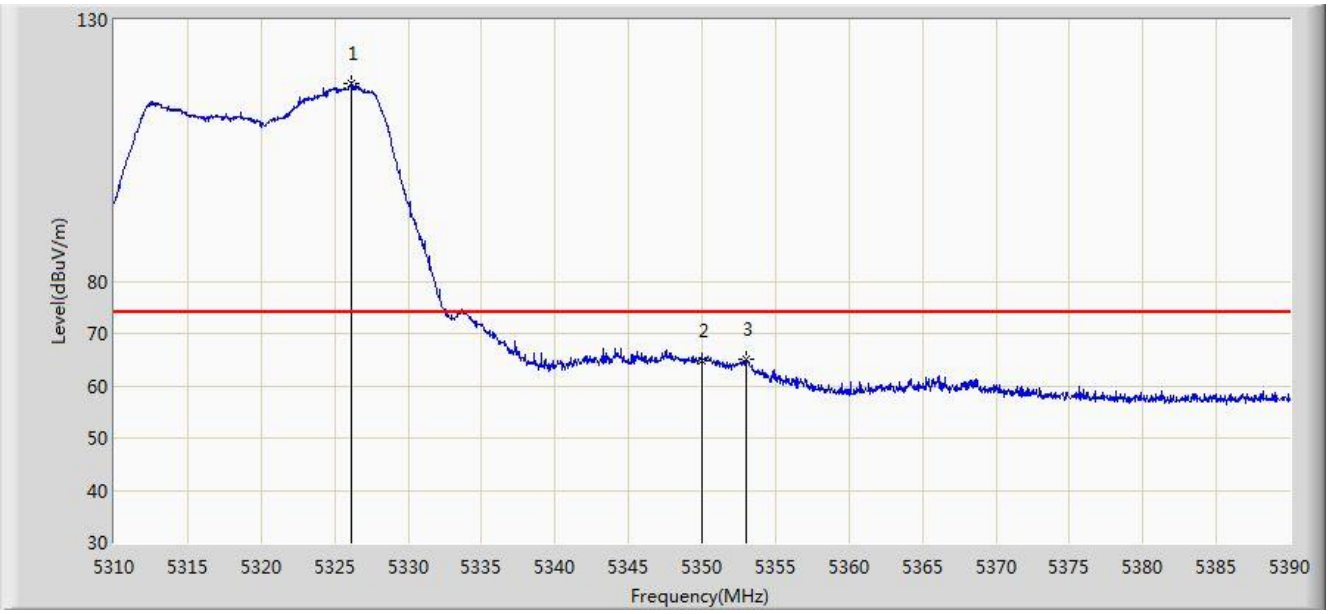


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.498	46.329	-3.502	54.000	4.170	AV
2		*	5178.805	106.074	102.001	N/A	N/A	4.073	AV

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: 2016/08/30 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

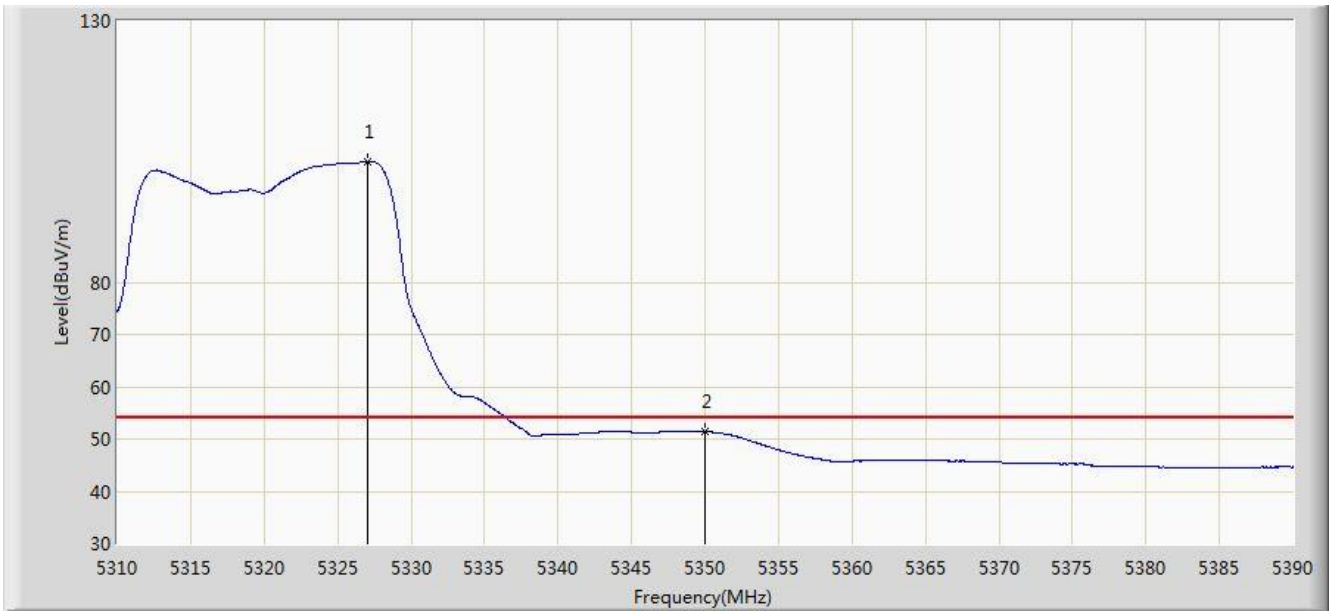


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.120	117.971	114.111	N/A	N/A	3.860	PK
2			5350.000	64.864	60.959	-9.136	74.000	3.904	PK
3			5353.000	65.102	61.192	-8.898	74.000	3.911	PK

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: 2016/08/30 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

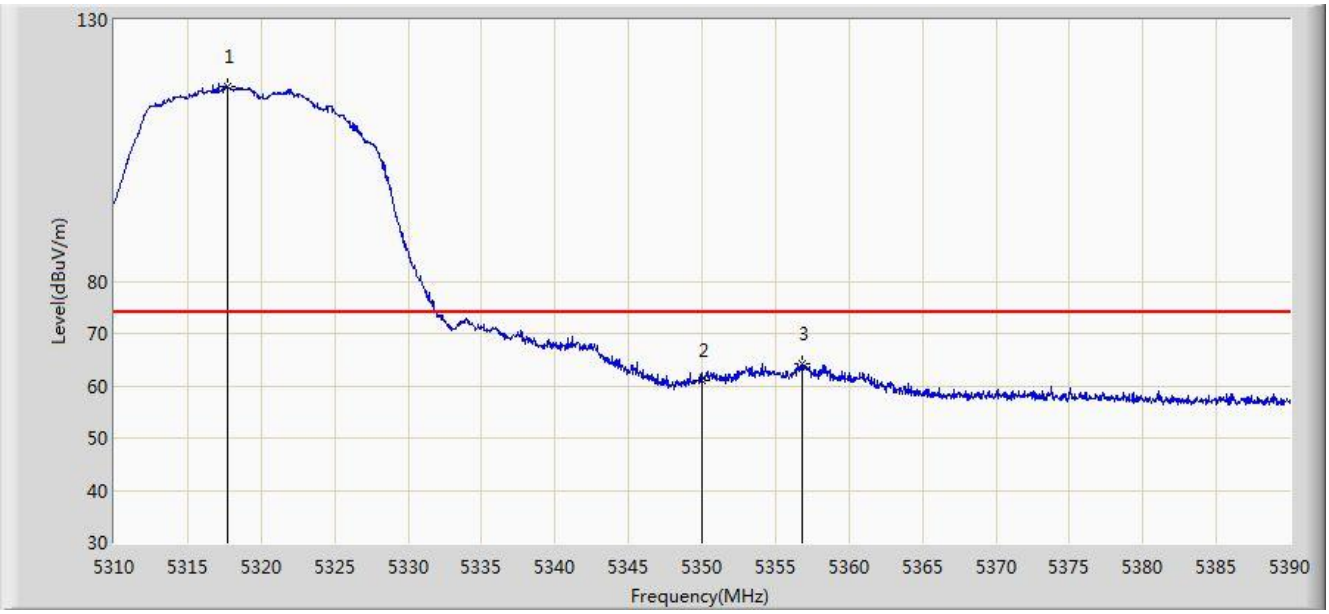


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.000	103.096	99.234	N/A	N/A	3.861	AV
2			5350.000	51.476	47.571	-2.524	54.000	3.904	AV

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: 2016/08/30 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

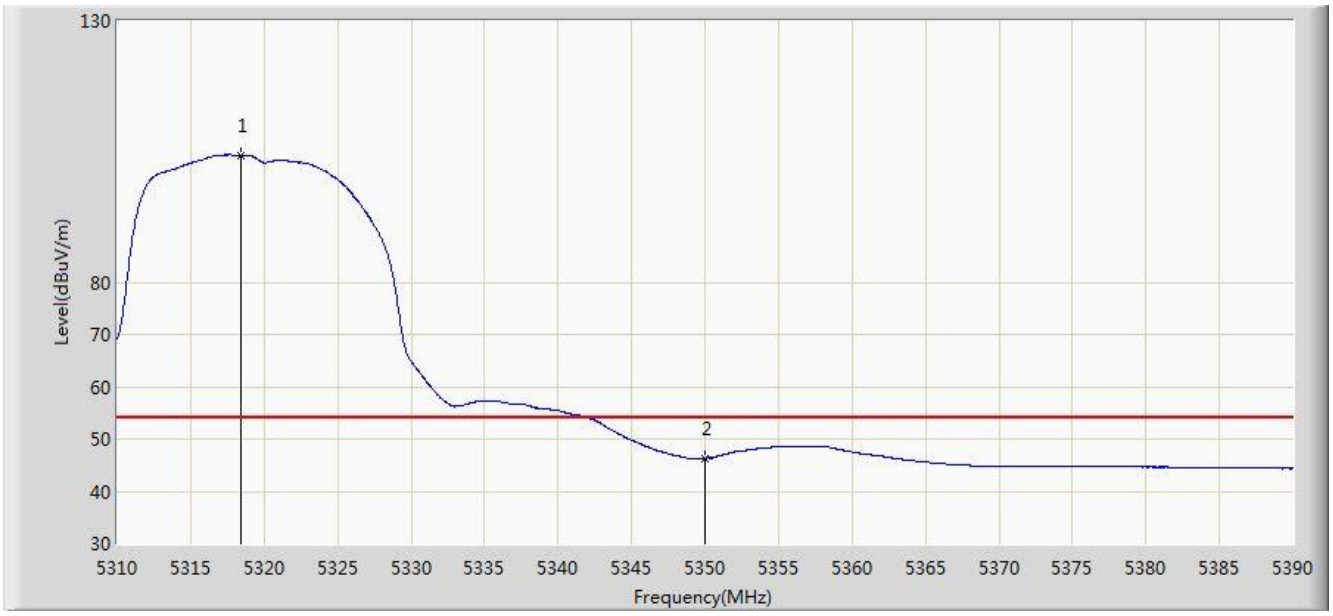


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.680	117.263	113.419	N/A	N/A	3.844	PK
2			5350.000	61.124	57.219	-12.876	74.000	3.904	PK
3			5356.840	64.059	60.142	-9.941	74.000	3.918	PK

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: 2016/08/30 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

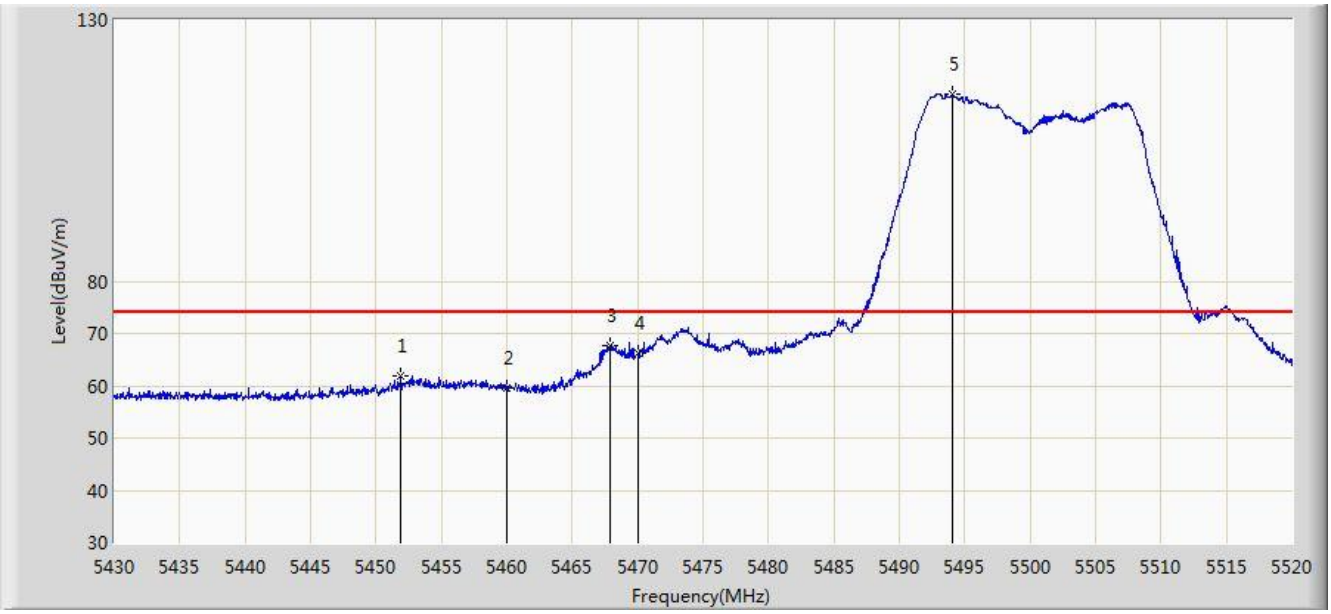


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.400	104.239	100.394	N/A	N/A	3.845	AV
2			5350.000	46.347	42.442	-7.653	54.000	3.904	AV

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: 2016/08/30 - 01:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

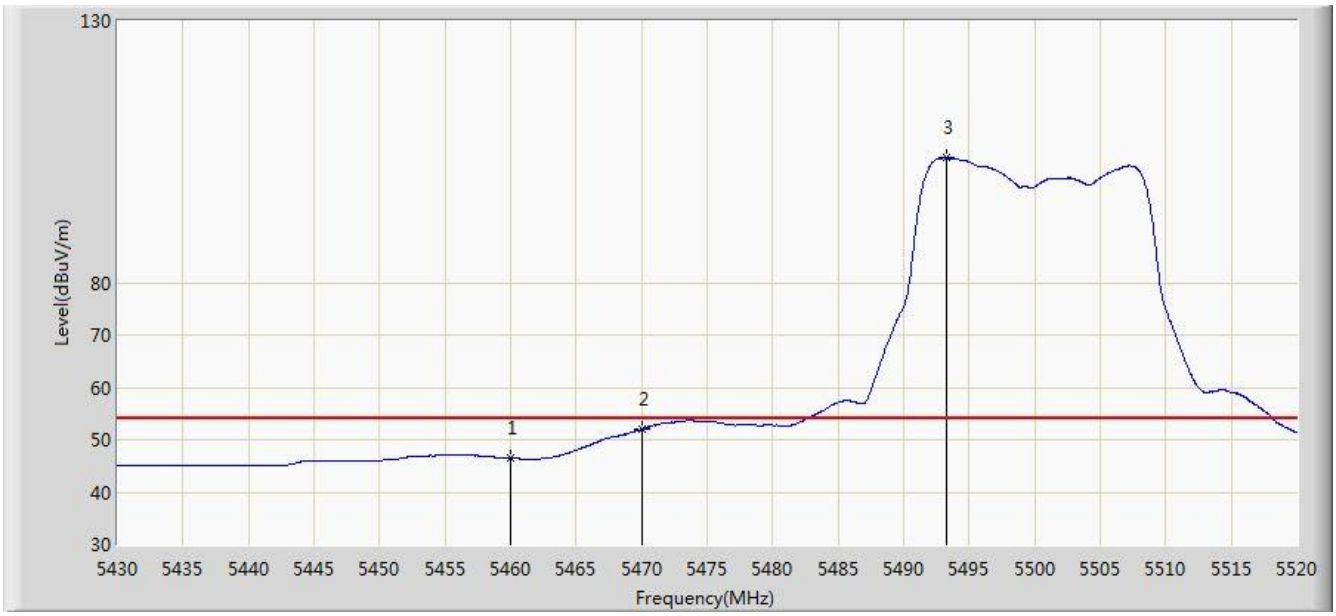


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5451.870	62.011	57.850	-11.989	74.000	4.161	PK
2			5460.000	59.453	55.273	-14.547	74.000	4.180	PK
3			5467.845	67.772	63.574	-6.228	74.000	4.198	PK
4			5470.000	66.130	61.928	-7.870	74.000	4.202	PK
5		*	5494.035	115.829	111.572	N/A	N/A	4.257	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: 2016/08/30 - 01:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

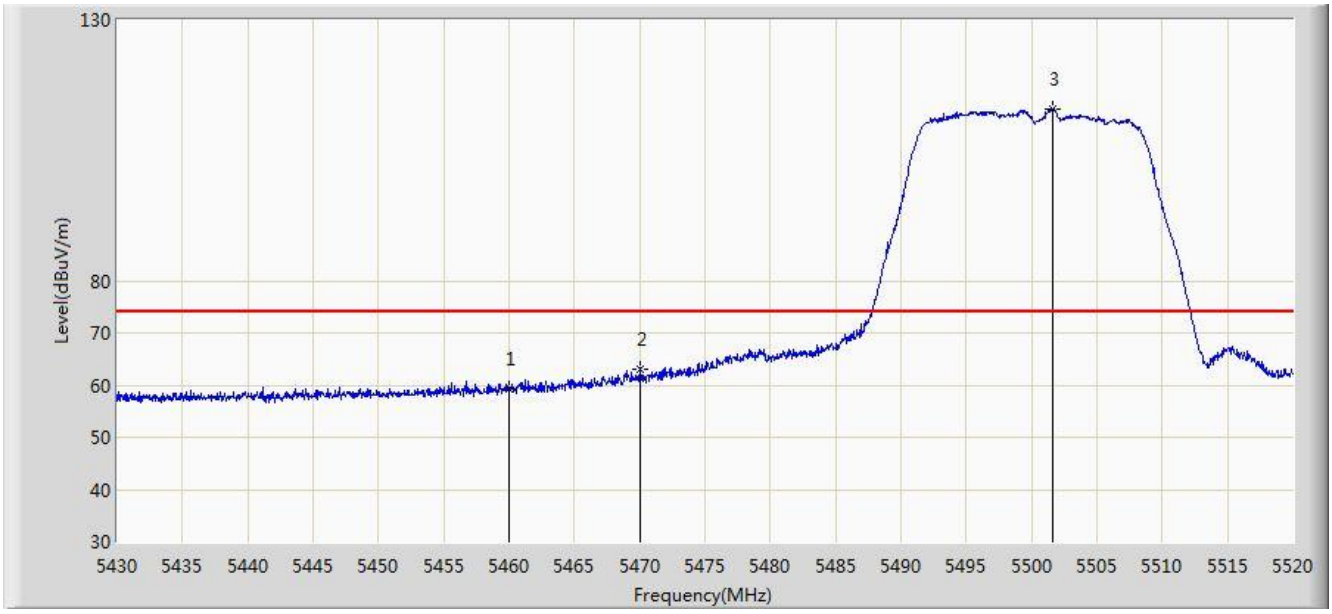


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.507	42.327	-7.493	54.000	4.180	AV
2			5470.000	51.988	47.786	-2.012	54.000	4.202	AV
3		*	5493.225	103.804	99.549	N/A	N/A	4.255	AV

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: 2016/12/15 - 15:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT:US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

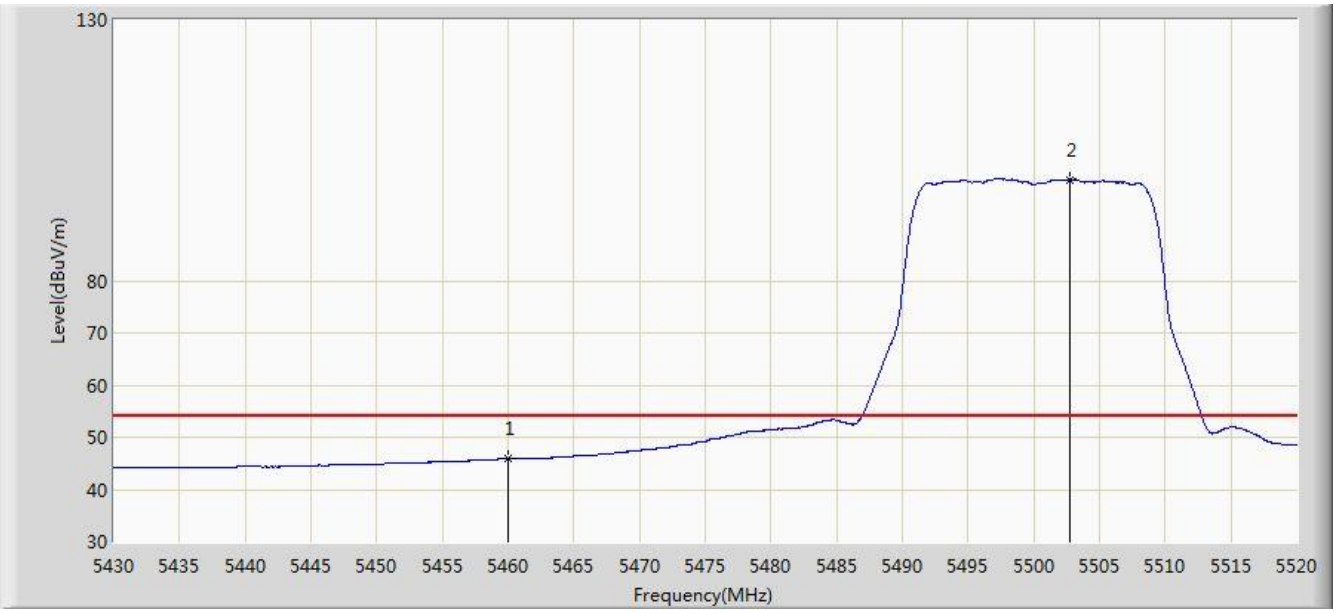


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	59.370	55.190	-14.630	74.000	4.180	PK
2			5470.000	63.023	58.821	-10.977	74.000	4.202	PK
3		*	5501.595	112.811	108.534	N/A	N/A	4.277	PK

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: 2016/12/15 - 15:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT:US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

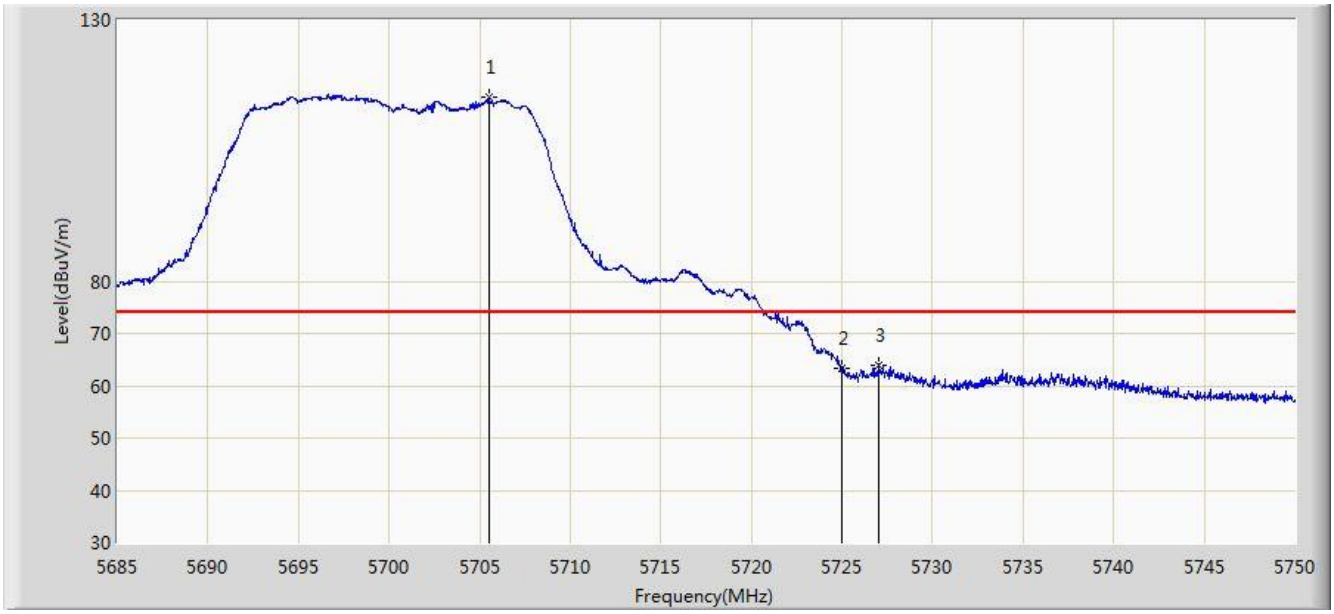


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.878	41.698	-8.122	54.000	4.180	AV
2		*	5502.720	99.419	95.139	N/A	N/A	4.281	AV

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: 2016/08/30 - 19:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

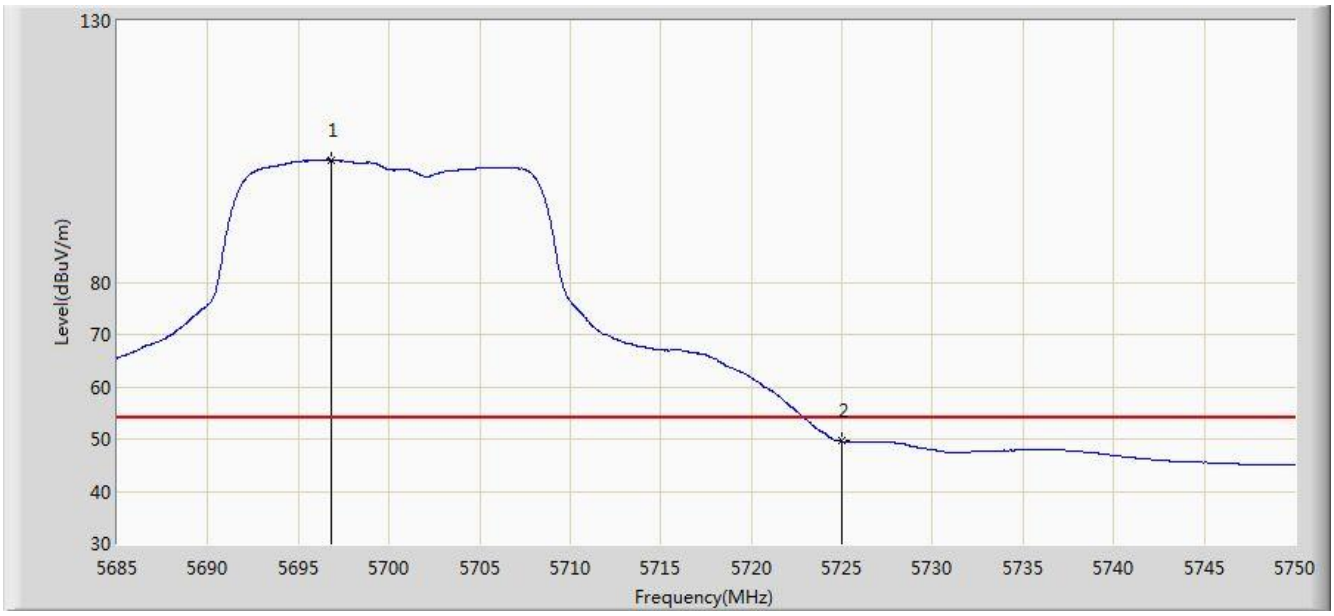


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.507	115.201	110.293	N/A	N/A	4.908	PK
2			5725.000	63.302	58.273	-10.698	74.000	5.029	PK
3			5727.022	64.045	59.003	-9.955	74.000	5.043	PK

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: 2016/08/30 - 19:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

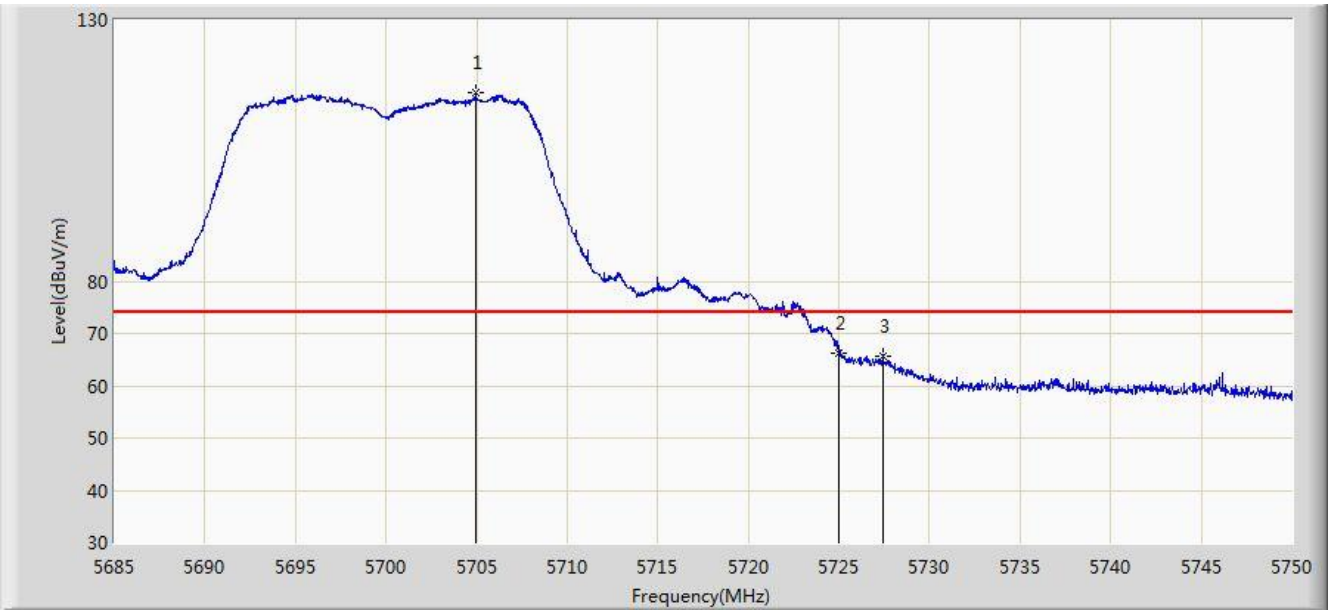


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.797	103.464	98.603	N/A	N/A	4.861	AV
2			5725.000	49.571	44.542	-4.429	54.000	5.029	AV

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: 2016/08/30 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

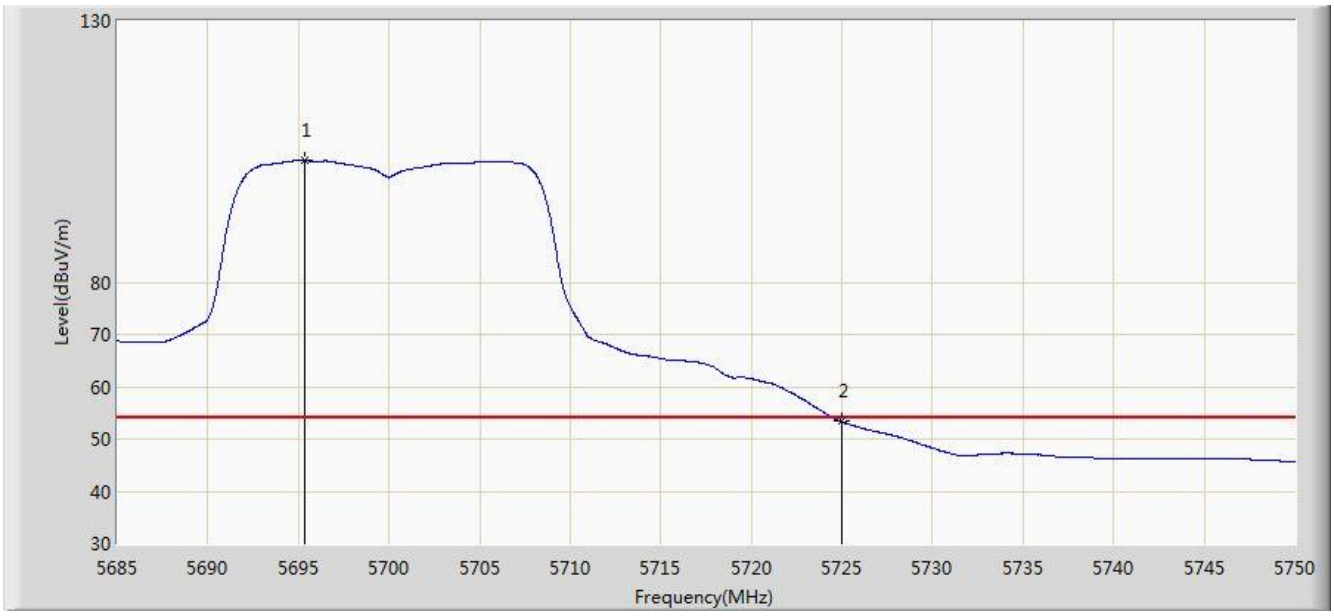


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.922	115.995	111.091	N/A	N/A	4.905	PK
2			5725.000	66.118	61.089	-7.882	74.000	5.029	PK
3			5727.445	65.792	60.747	-8.208	74.000	5.044	PK

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: 2016/08/30 - 19:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

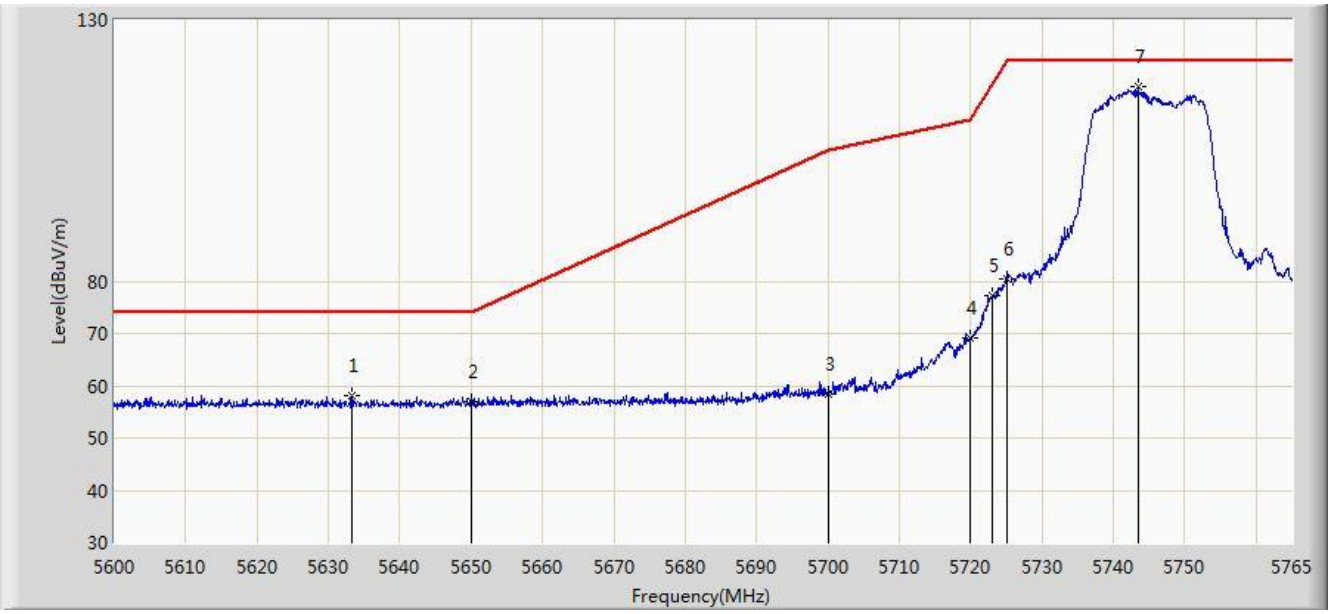


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.368	103.239	98.385	N/A	N/A	4.853	AV
2			5725.000	53.337	48.308	-0.663	54.000	5.029	AV

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: 2016/08/30 - 19:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0+1+2+3	

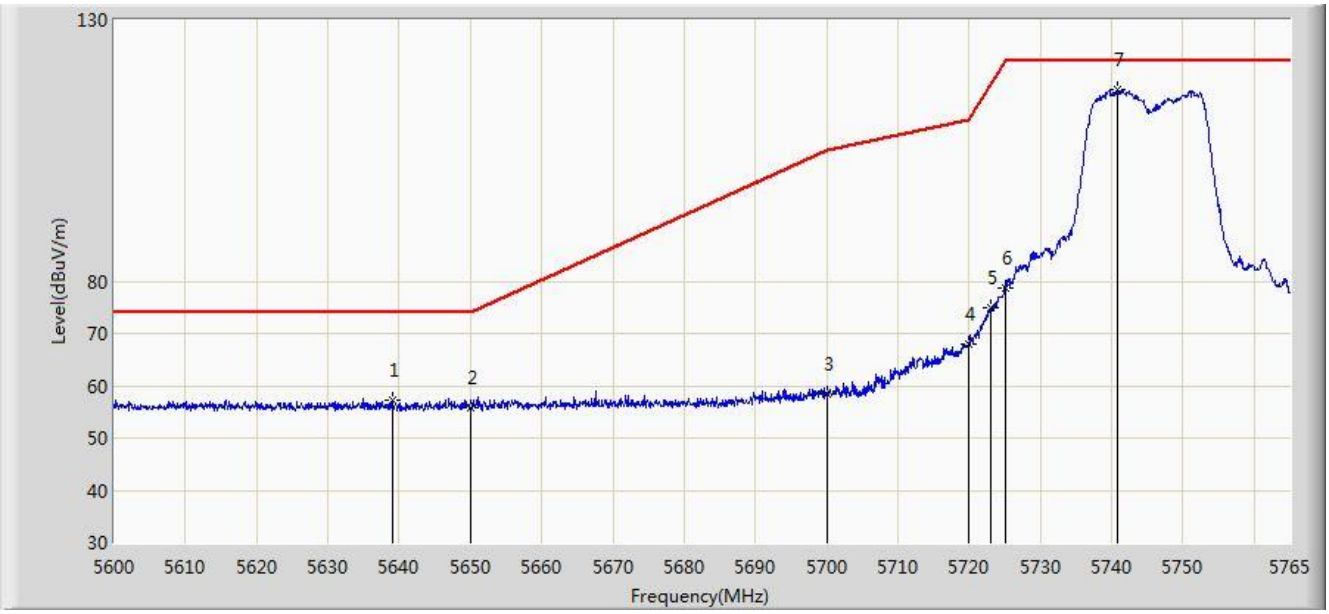


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5633.248	58.147	53.529	-15.853	74.000	4.618	PK
2			5650.000	57.034	52.363	-16.966	74.000	4.671	PK
3			5700.000	58.349	53.471	-46.851	105.200	4.878	PK
4			5720.000	69.163	64.166	-41.637	110.800	4.997	PK
5			5723.007	77.215	72.199	-40.442	117.657	5.016	PK
6			5725.000	80.345	75.316	-41.855	122.200	5.029	PK
7		*	5743.467	117.330	112.184	N/A	N/A	5.147	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: 2016/08/30 - 19:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0+1+2+3	

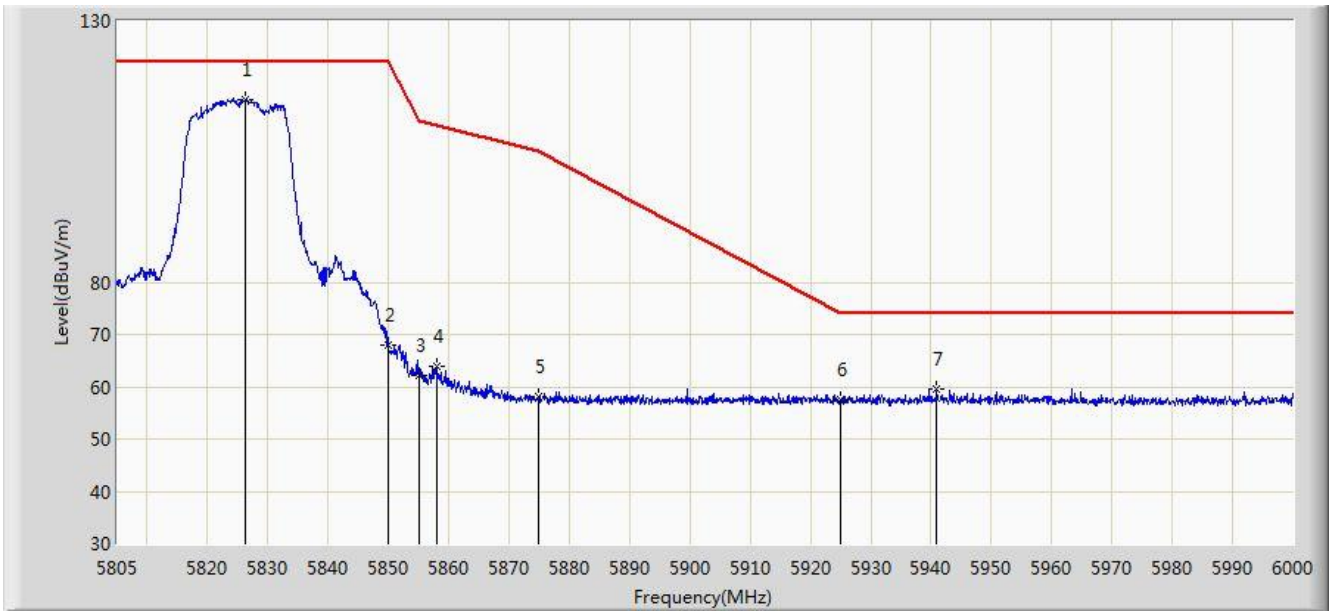


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.022	57.188	52.553	-16.812	74.000	4.635	PK
2			5650.000	55.799	51.128	-18.201	74.000	4.671	PK
3			5700.000	58.494	53.616	-46.706	105.200	4.878	PK
4			5720.000	68.046	63.049	-42.754	110.800	4.997	PK
5			5722.925	74.935	69.919	-42.536	117.470	5.015	PK
6			5725.000	78.644	73.615	-43.556	122.200	5.029	PK
7		*	5740.745	116.534	111.405	N/A	N/A	5.130	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: 2016/08/30 - 19:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0+1+2+3	

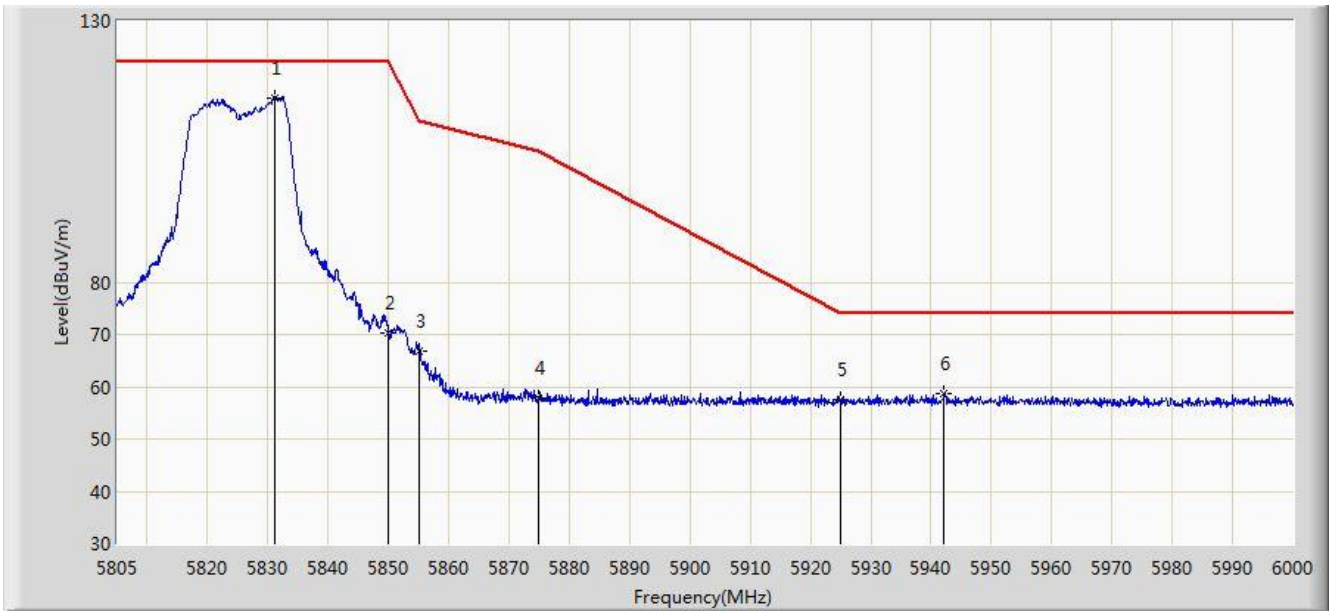


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.255	115.027	109.432	N/A	N/A	5.595	PK
2			5850.000	67.982	62.256	-54.218	122.200	5.726	PK
3			5855.000	62.316	56.570	-48.484	110.800	5.746	PK
4			5858.040	63.805	58.046	-46.143	109.948	5.759	PK
5			5875.000	58.204	52.384	-46.996	105.200	5.820	PK
6			5925.000	57.442	51.476	-16.558	74.000	5.967	PK
7			5940.915	59.523	53.517	-14.477	74.000	6.006	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: 2016/08/30 - 19:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0+1+2+3	

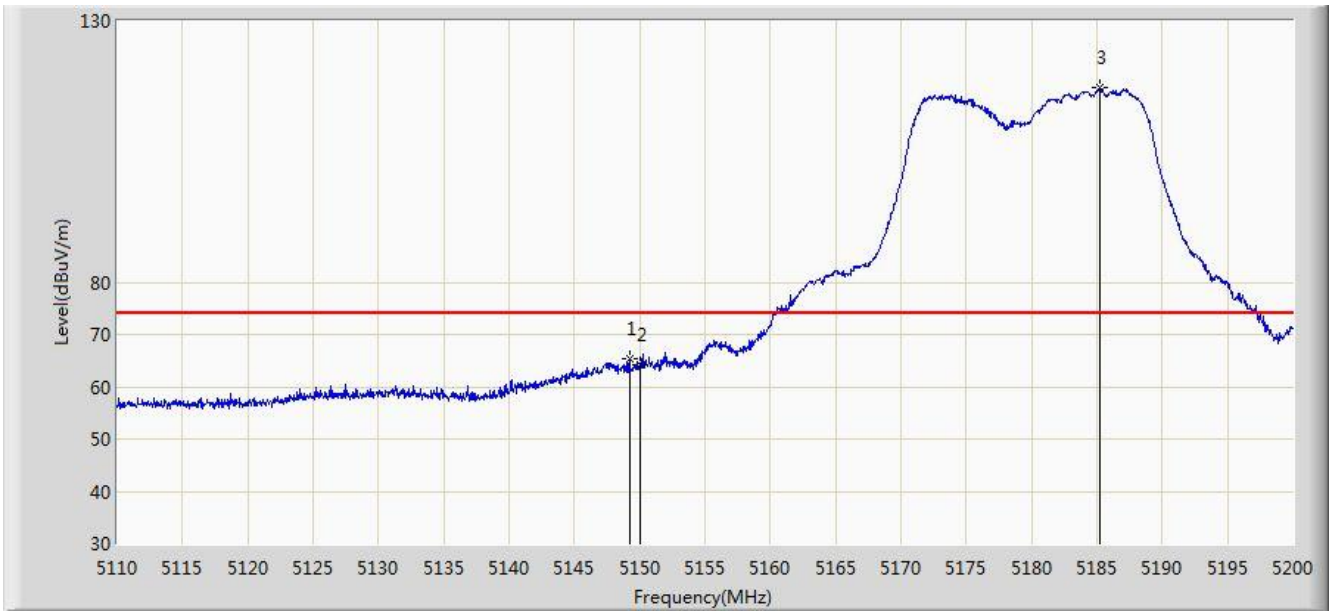


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.033	115.292	109.669	N/A	N/A	5.623	PK
2			5850.000	70.246	64.520	-51.954	122.200	5.726	PK
3			5855.000	66.844	61.098	-43.956	110.800	5.746	PK
4			5875.000	57.812	51.992	-47.388	105.200	5.820	PK
5			5925.000	57.415	51.449	-16.585	74.000	5.967	PK
6			5942.183	58.797	52.788	-15.203	74.000	6.009	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: 2016/08/30 - 19:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3	

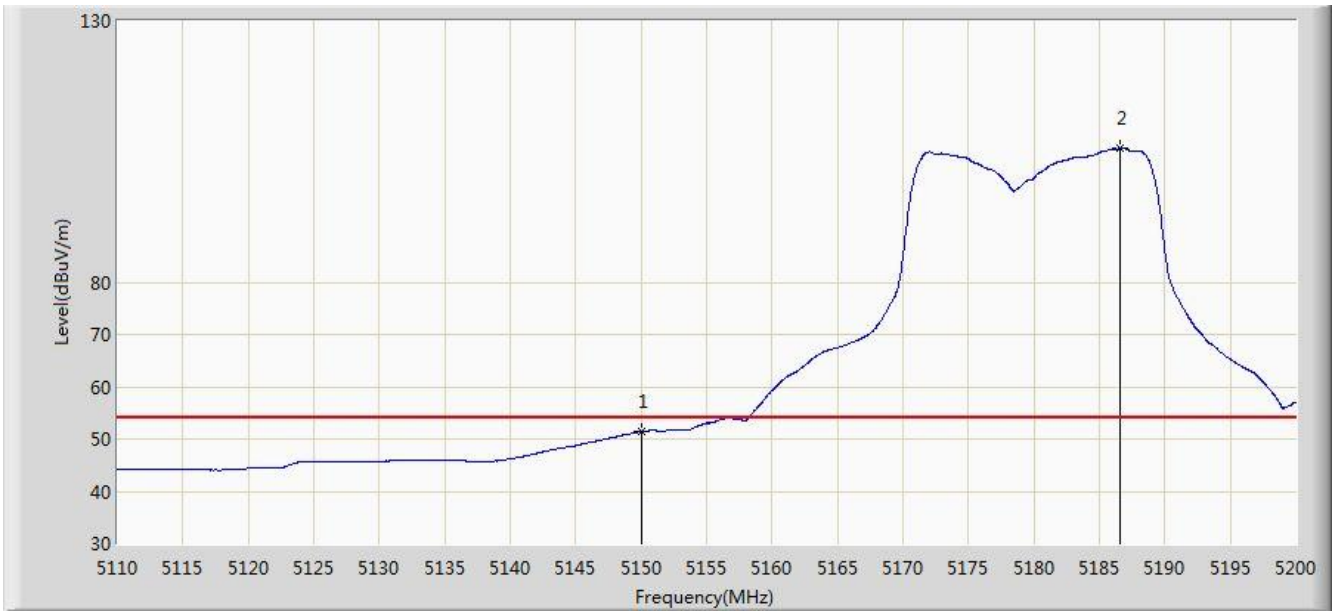


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.195	65.428	61.256	-8.572	74.000	4.172	PK
2			5150.000	64.332	60.163	-9.668	74.000	4.170	PK
3		*	5185.195	117.115	113.065	N/A	N/A	4.050	PK

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: 2016/08/30 - 19:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3	

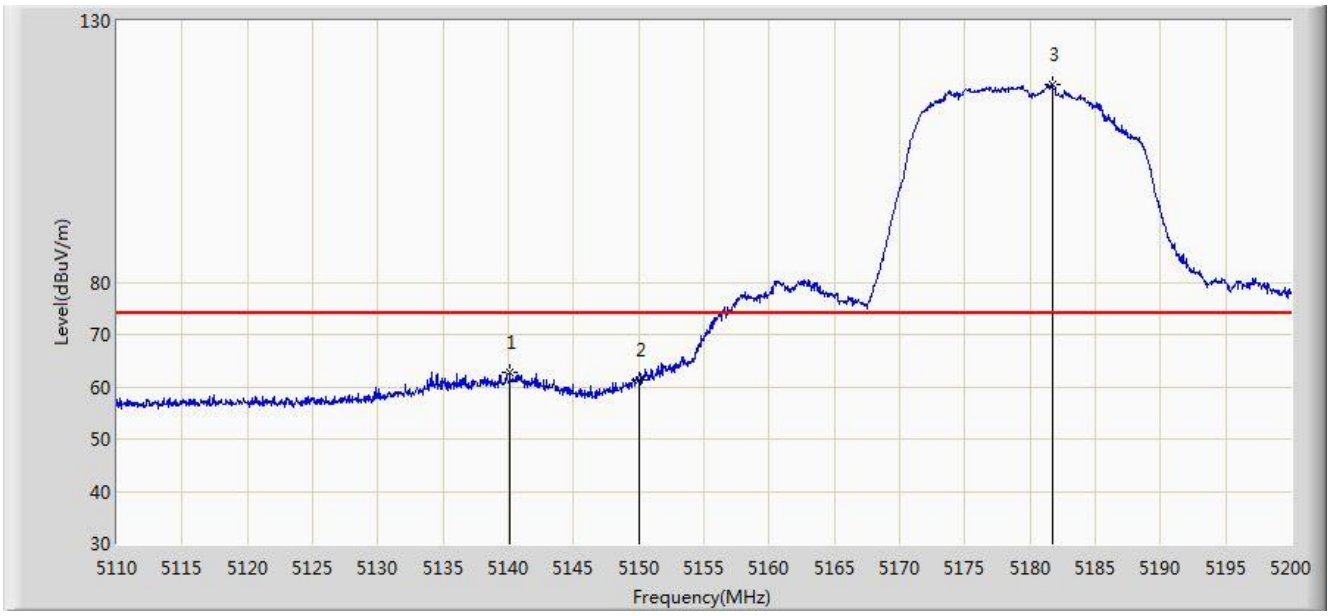


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.479	47.310	-2.521	54.000	4.170	AV
2		*	5186.635	105.524	101.479	N/A	N/A	4.045	AV

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: 2016/08/30 - 19:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3	

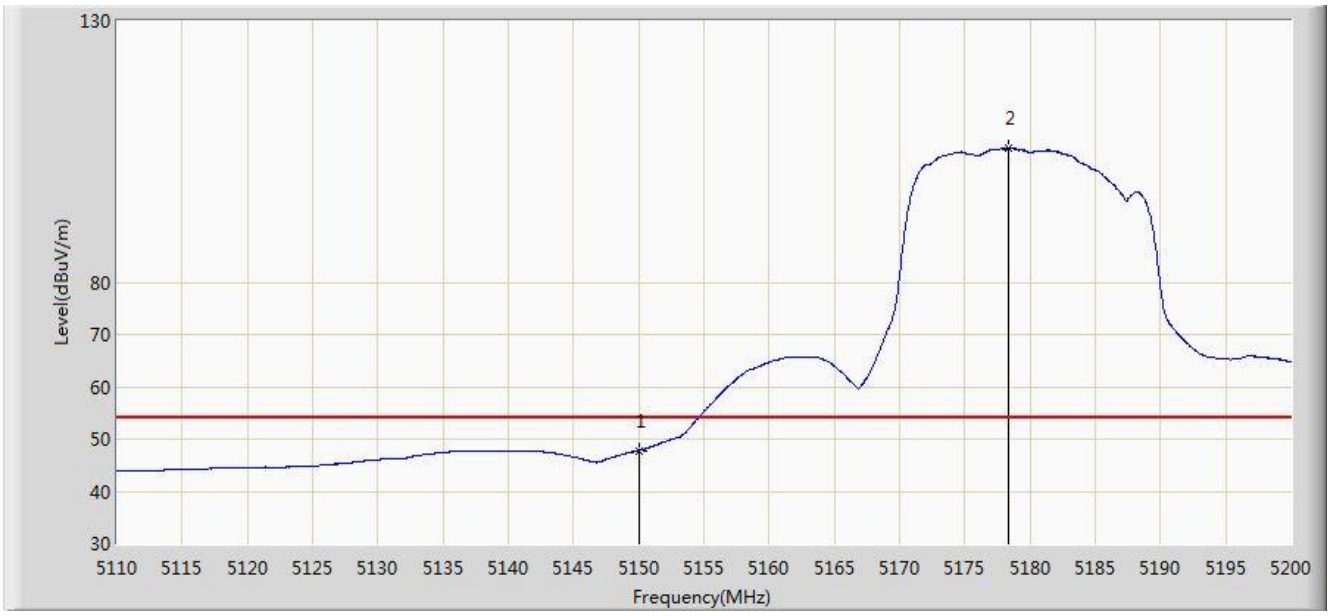


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.105	62.727	58.552	-11.273	74.000	4.175	PK
2			5150.000	61.415	57.246	-12.585	74.000	4.170	PK
3		*	5181.685	117.815	113.752	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2016/08/30 - 19:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3	

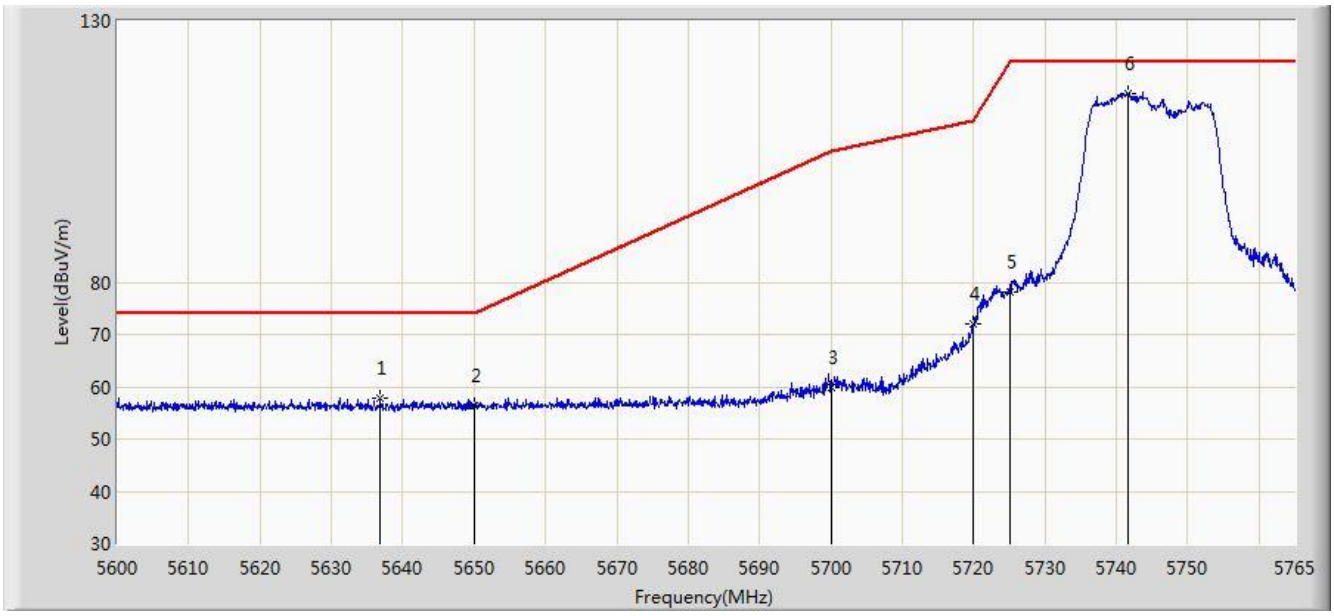


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.801	43.632	-6.199	54.000	4.170	AV
2		*	5178.400	105.695	101.620	N/A	N/A	4.074	AV

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: 2016/08/30 - 20:42
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3	

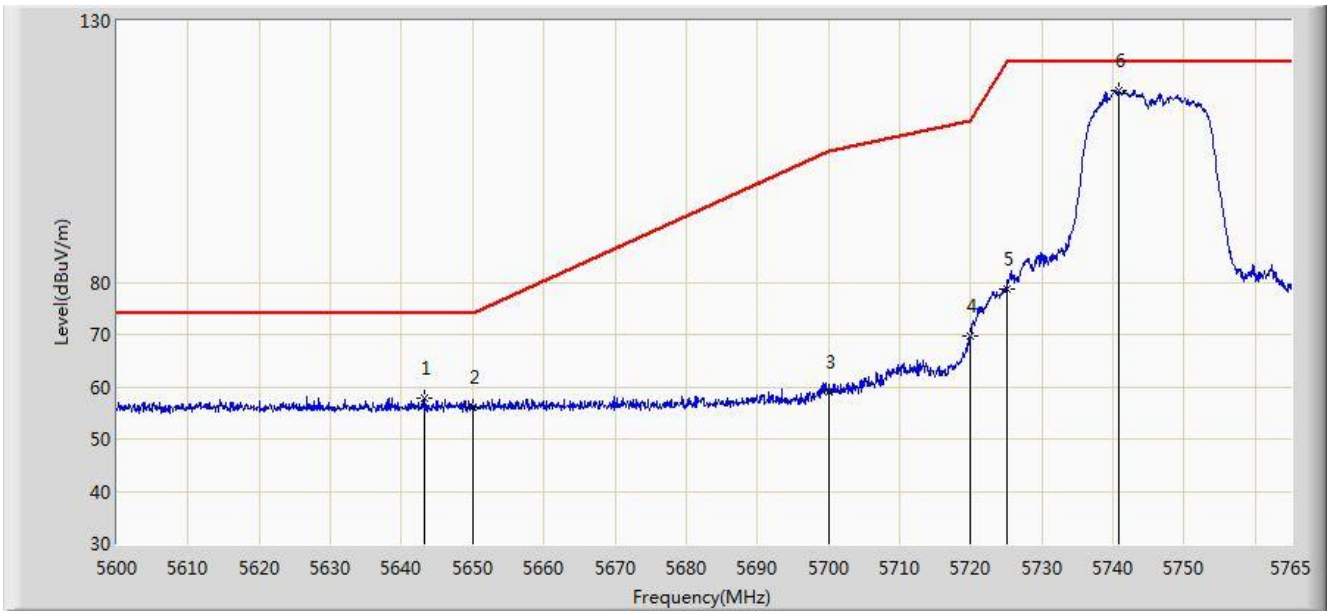


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.877	57.687	53.058	-16.313	74.000	4.628	PK
2			5650.000	56.315	51.644	-17.685	74.000	4.671	PK
3			5700.000	59.857	54.979	-45.343	105.200	4.878	PK
4			5720.000	71.981	66.984	-38.819	110.800	4.997	PK
5			5725.000	78.107	73.078	-44.093	122.200	5.029	PK
6		*	5741.735	116.187	111.051	N/A	N/A	5.136	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: 2016/08/30 - 20:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3	

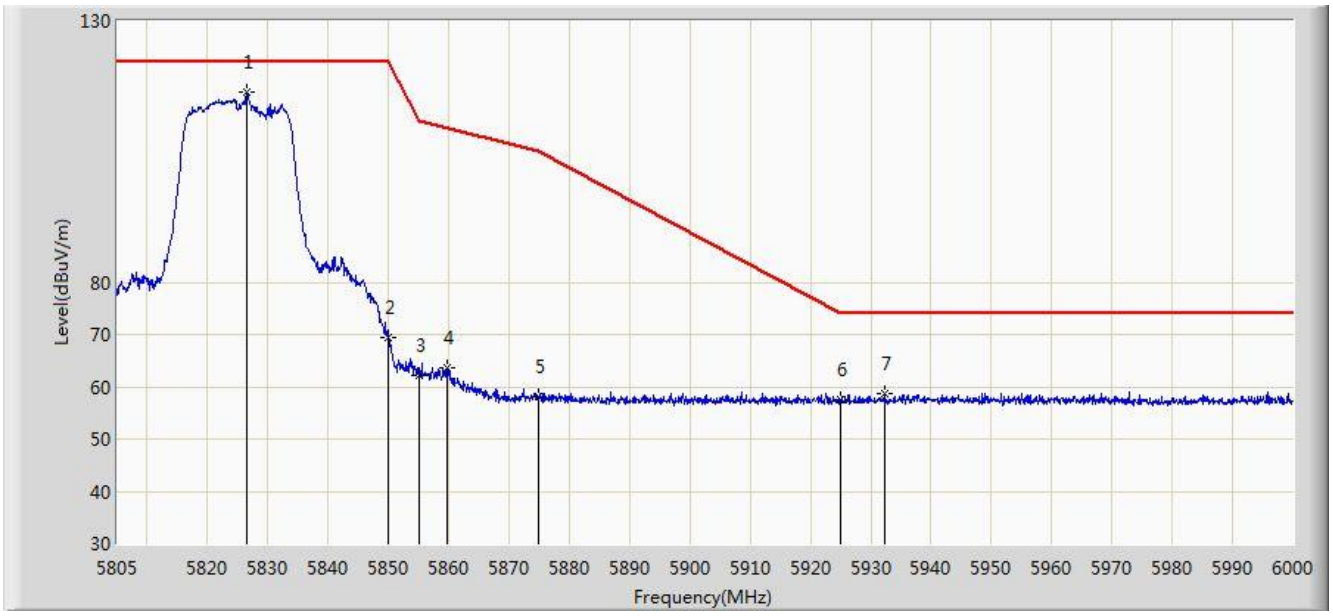


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.312	57.684	53.035	-16.316	74.000	4.649	PK
2			5650.000	56.186	51.515	-17.814	74.000	4.671	PK
3			5700.000	58.994	54.116	-46.206	105.200	4.878	PK
4			5720.000	69.707	64.710	-41.093	110.800	4.997	PK
5			5725.000	78.606	73.577	-43.594	122.200	5.029	PK
6		*	5740.828	116.636	111.506	N/A	N/A	5.130	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: 2016/08/30 - 20:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3	

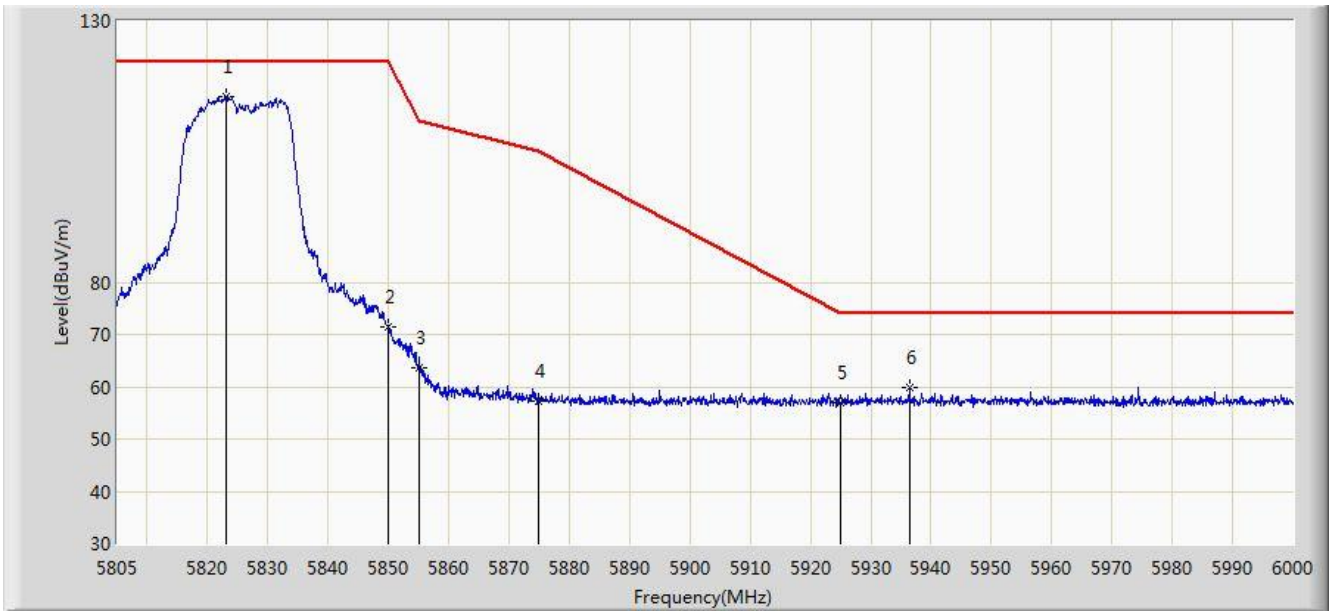


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.450	116.294	110.698	N/A	N/A	5.596	PK
2			5850.000	69.414	63.688	-52.786	122.200	5.726	PK
3			5855.000	62.215	56.469	-48.585	110.800	5.746	PK
4			5859.697	63.568	57.802	-45.915	109.483	5.766	PK
5			5875.000	58.153	52.333	-47.047	105.200	5.820	PK
6			5925.000	57.574	51.608	-16.426	74.000	5.967	PK
7			5932.335	58.576	52.591	-15.424	74.000	5.984	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: 2016/08/30 - 20:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3	

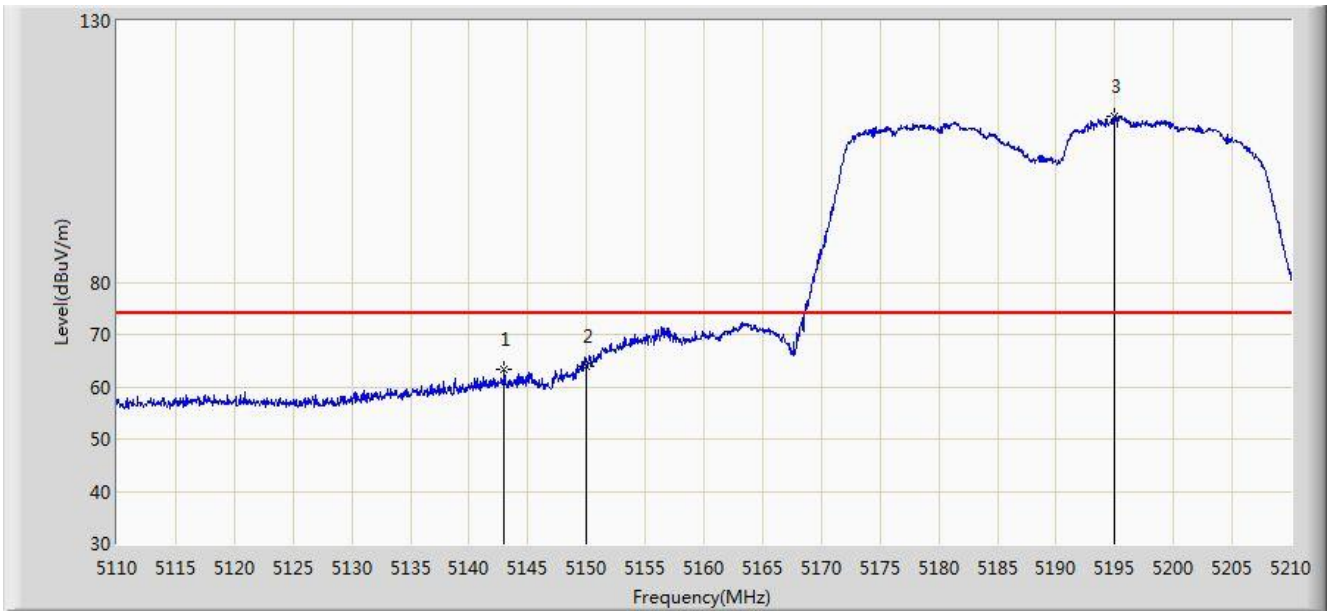


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.038	115.607	110.031	N/A	N/A	5.577	PK
2			5850.000	71.547	65.821	-50.653	122.200	5.726	PK
3			5855.000	63.738	57.992	-47.062	110.800	5.746	PK
4			5875.000	57.390	51.570	-47.810	105.200	5.820	PK
5			5925.000	56.982	51.016	-17.018	74.000	5.967	PK
6			5936.430	59.723	53.728	-14.277	74.000	5.995	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: 2016/08/30 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3	

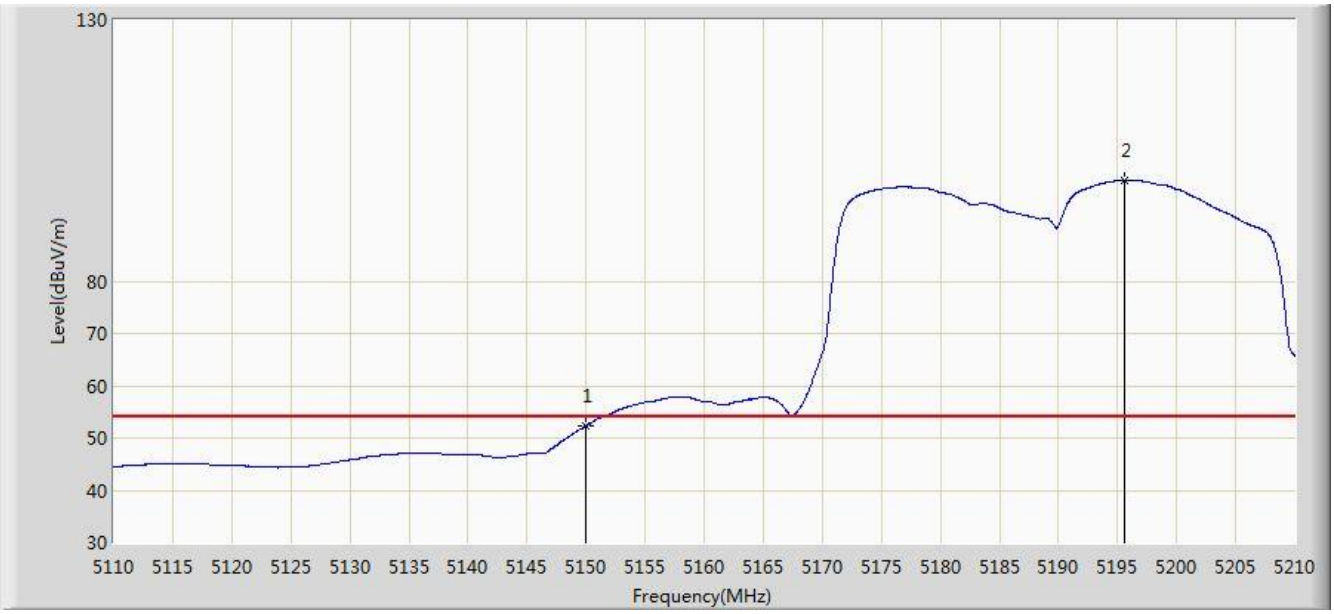


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.000	63.246	59.070	-10.754	74.000	4.176	PK
2			5150.000	63.922	59.753	-10.078	74.000	4.170	PK
3		*	5194.900	111.658	107.642	N/A	N/A	4.016	PK

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: 2016/08/30 - 20:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3	

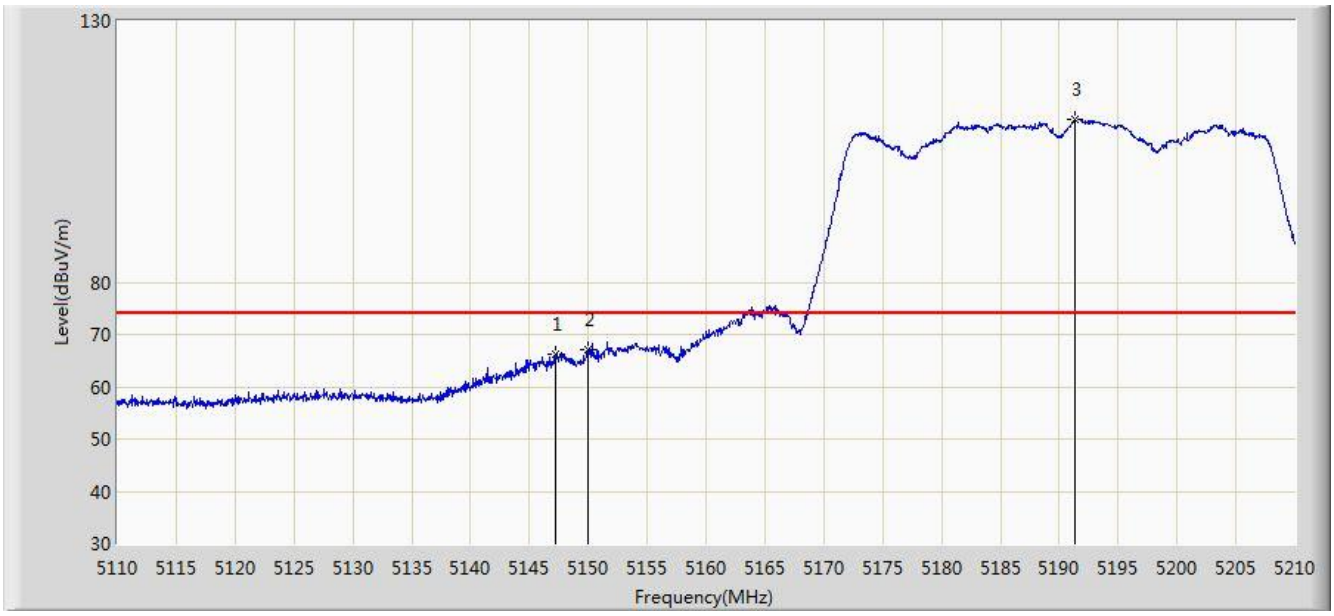


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.336	48.167	-1.664	54.000	4.170	AV
2		*	5195.650	99.351	95.338	N/A	N/A	4.013	AV

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: 2016/08/30 - 20:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3	

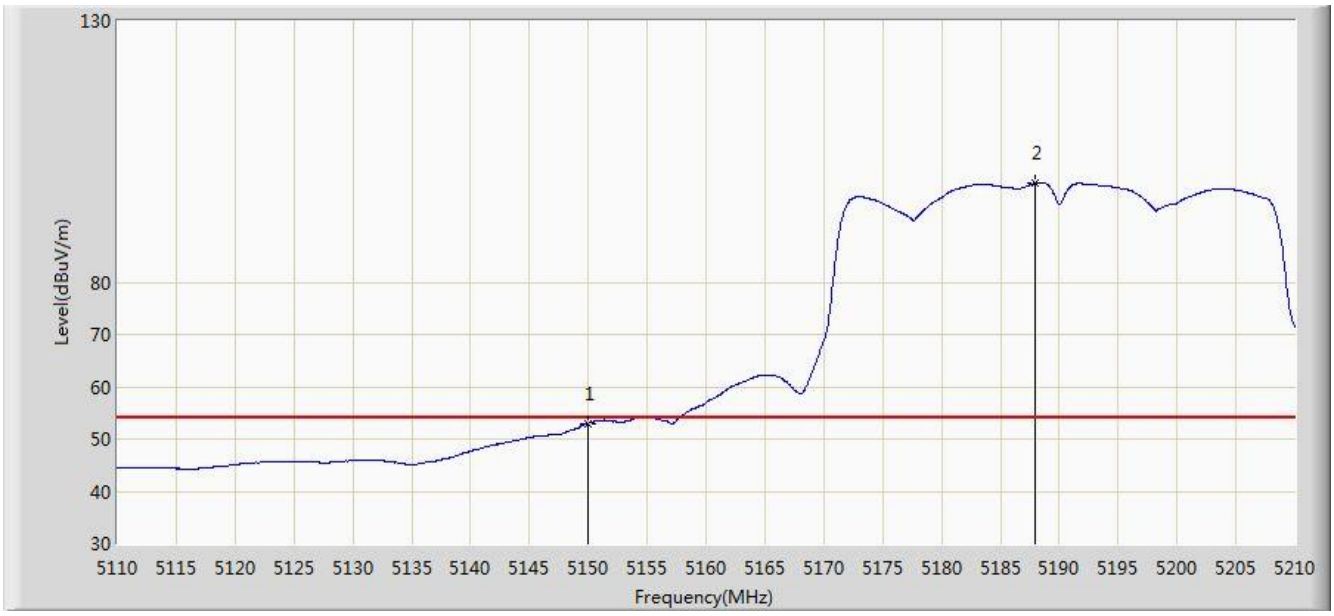


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.200	66.266	62.090	-7.734	74.000	4.176	PK
2			5150.000	67.003	62.834	-6.997	74.000	4.170	PK
3		*	5191.300	111.288	107.259	N/A	N/A	4.028	PK

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: 2016/08/30 - 21:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3	

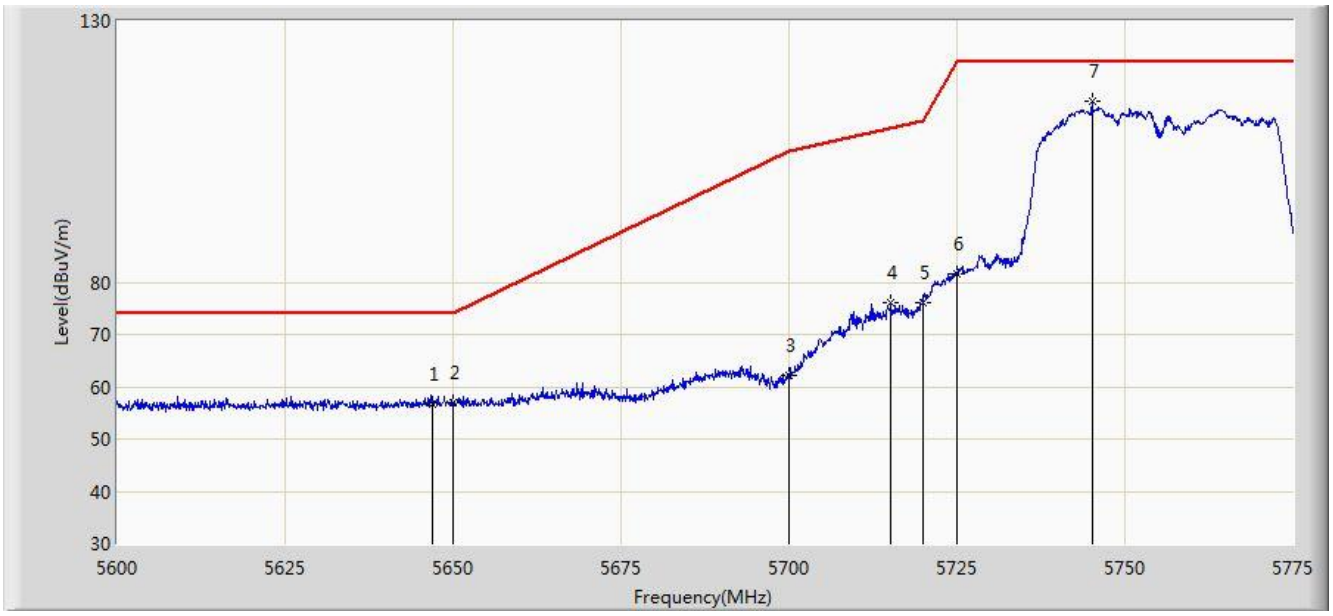


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.979	48.810	-1.021	54.000	4.170	AV
2		*	5188.000	98.950	94.909	N/A	N/A	4.041	AV

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: 2016/08/30 - 22:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2+3	

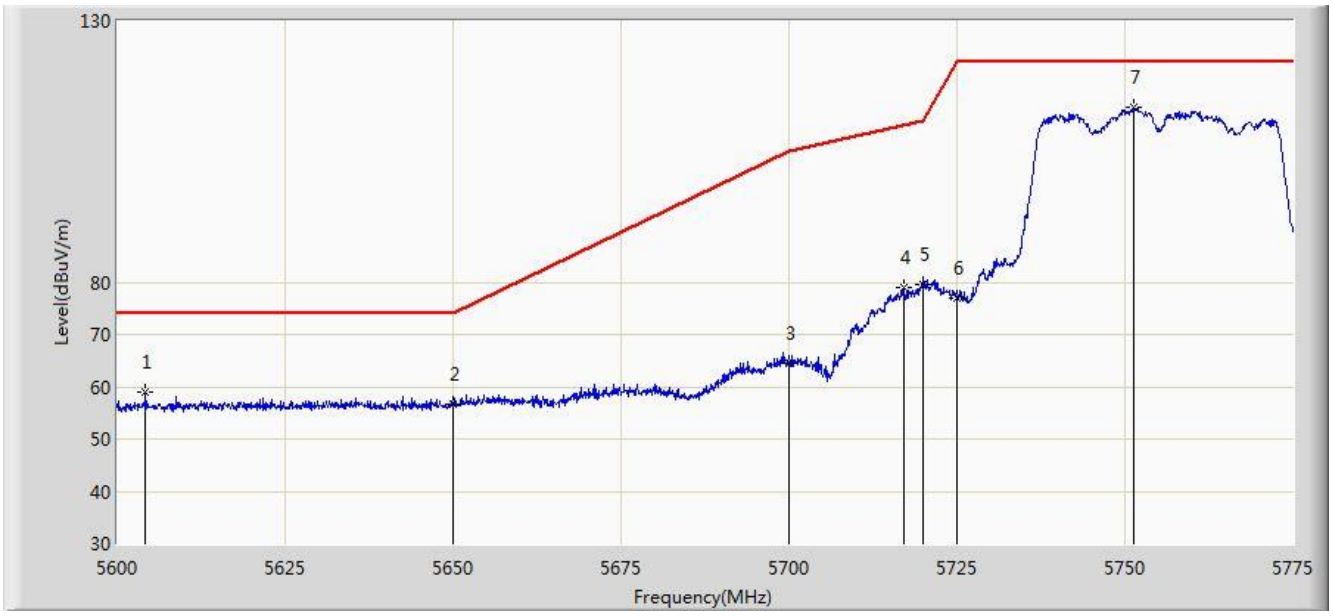


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.987	56.712	52.051	-17.288	74.000	4.661	PK
2			5650.000	56.986	52.315	-17.014	74.000	4.671	PK
3			5700.000	62.154	57.276	-43.046	105.200	4.878	PK
4			5715.237	75.975	71.009	-33.493	109.468	4.967	PK
5			5720.000	76.098	71.101	-34.702	110.800	4.997	PK
6			5725.000	81.693	76.664	-40.507	122.200	5.029	PK
7		*	5745.075	114.696	109.541	N/A	N/A	5.156	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: 2016/08/30 - 22:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2+3	

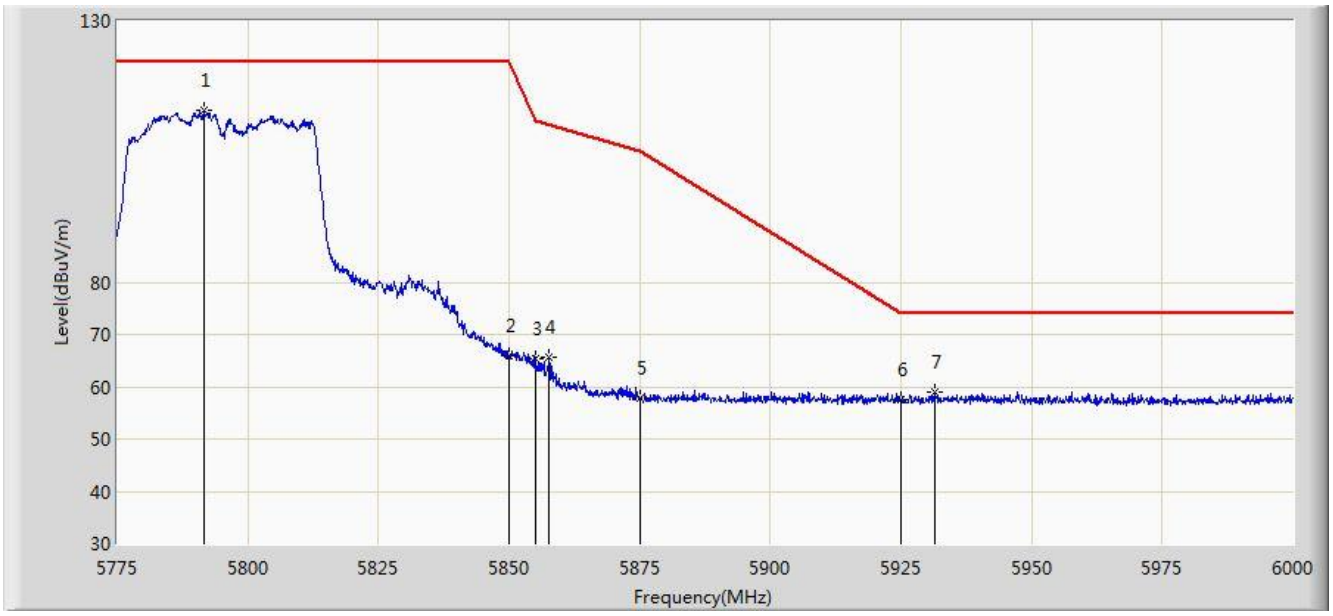


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5604.200	58.878	54.341	-15.122	74.000	4.537	PK
2			5650.000	56.690	52.019	-17.310	74.000	4.671	PK
3			5700.000	64.431	59.553	-40.769	105.200	4.878	PK
4			5717.163	78.942	73.963	-31.065	110.007	4.978	PK
5			5720.000	79.448	74.451	-31.352	110.800	4.997	PK
6			5725.000	76.980	71.951	-45.220	122.200	5.029	PK
7		*	5751.288	113.572	108.381	N/A	N/A	5.191	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: 2016/08/30 - 22:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2+3	

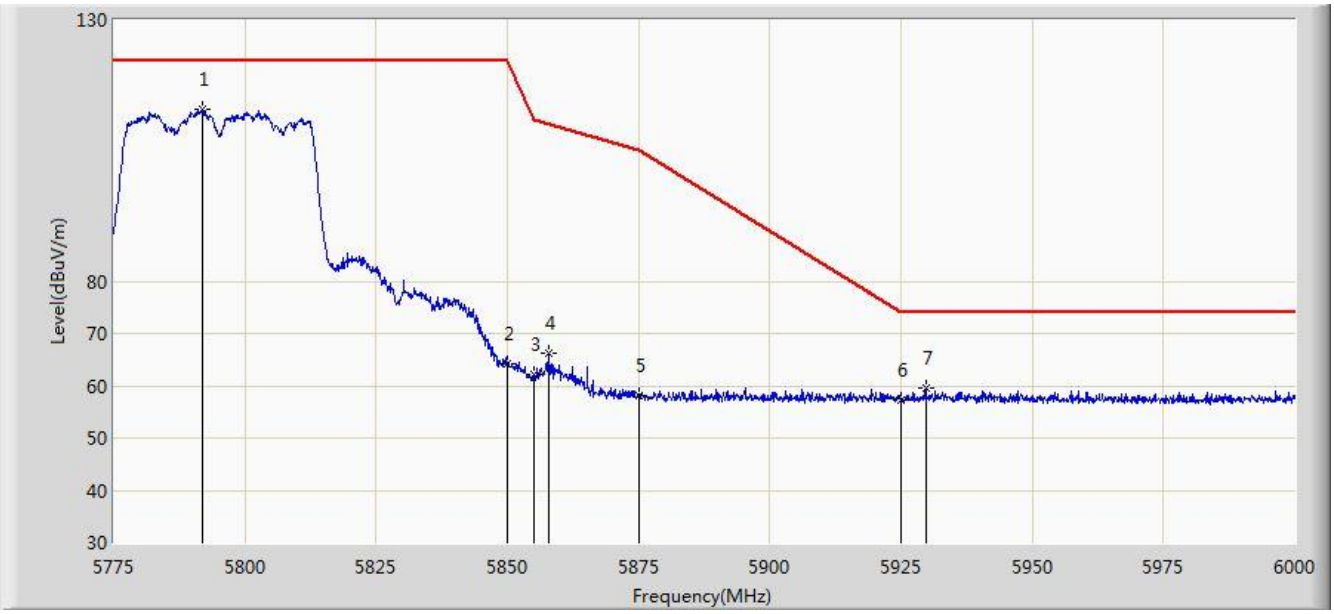


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.763	112.951	107.550	N/A	N/A	5.400	PK
2			5850.000	65.844	60.118	-56.356	122.200	5.726	PK
3			5855.000	65.299	59.553	-45.501	110.800	5.746	PK
4			5857.687	65.644	59.887	-44.402	110.047	5.757	PK
5			5875.000	57.958	52.138	-47.242	105.200	5.820	PK
6			5925.000	57.614	51.648	-16.386	74.000	5.967	PK
7			5931.375	58.978	52.996	-15.022	74.000	5.982	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: 2016/08/30 - 22:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2+3	

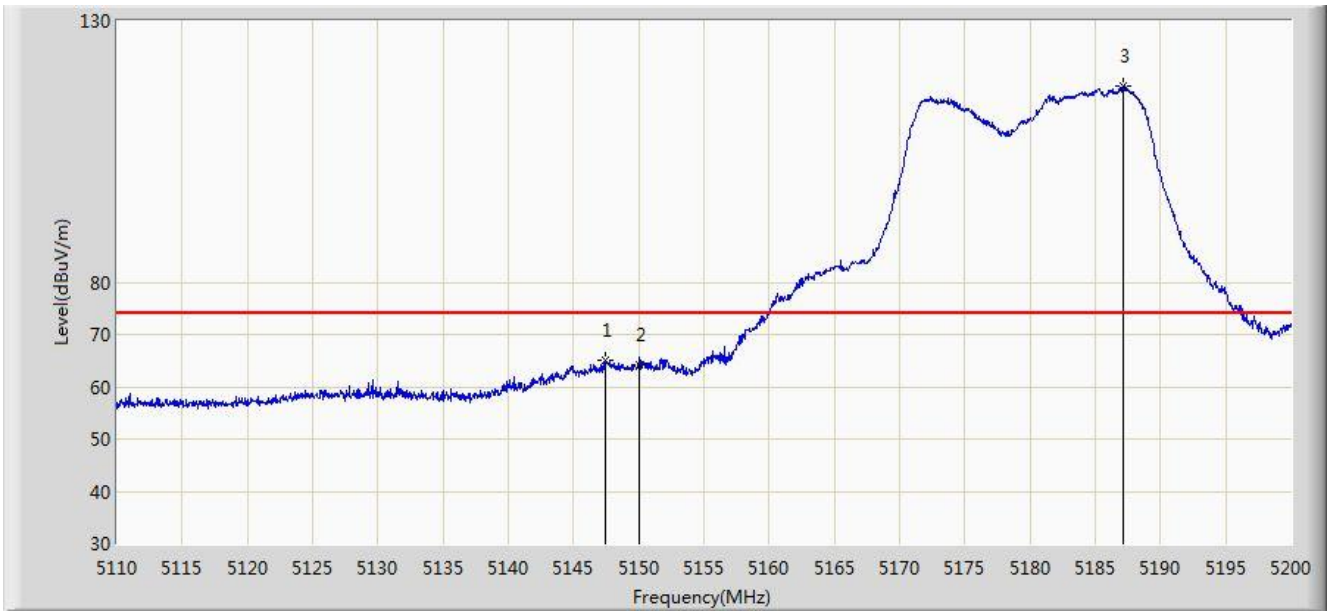


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.987	113.039	107.637	N/A	N/A	5.402	PK
2			5850.000	64.061	58.335	-58.139	122.200	5.726	PK
3			5855.000	62.191	56.445	-48.609	110.800	5.746	PK
4			5857.800	66.274	60.516	-43.741	110.015	5.757	PK
5			5875.000	58.154	52.334	-47.046	105.200	5.820	PK
6			5925.000	57.354	51.388	-16.646	74.000	5.967	PK
7			5929.800	59.445	53.467	-14.555	74.000	5.979	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: 2016/08/30 - 22:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3	

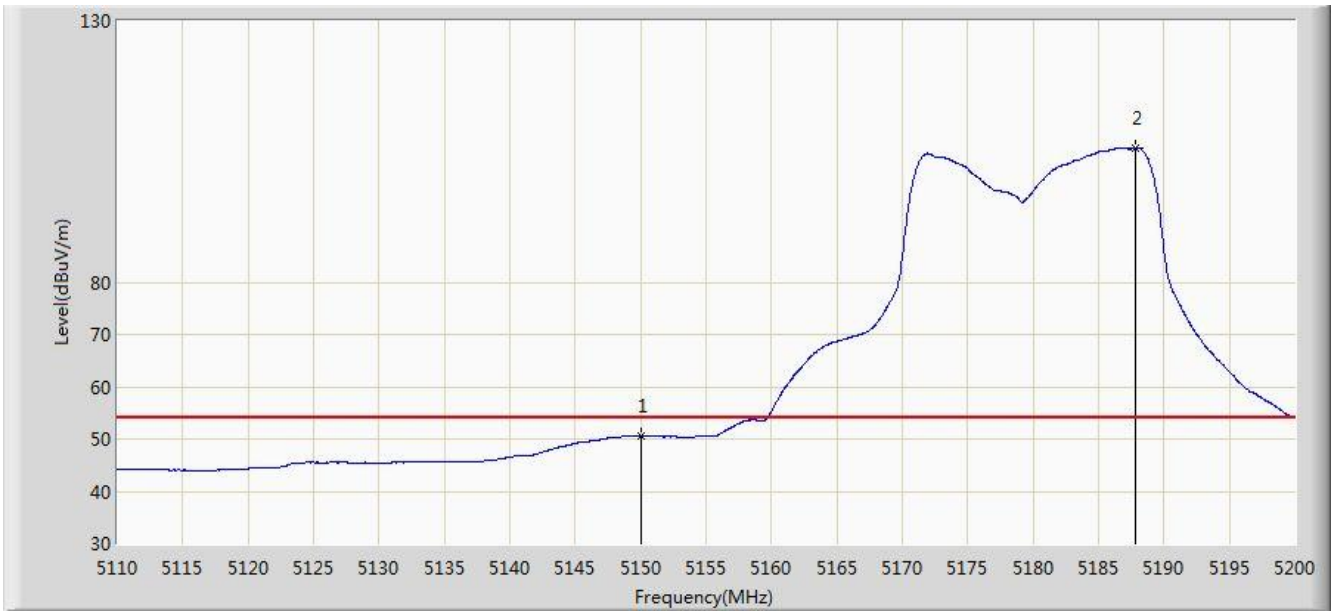


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.395	64.958	60.782	-9.042	74.000	4.175	PK
2			5150.000	64.201	60.032	-9.799	74.000	4.170	PK
3		*	5187.175	117.609	113.566	N/A	N/A	4.043	PK

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: 2016/08/30 - 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3	

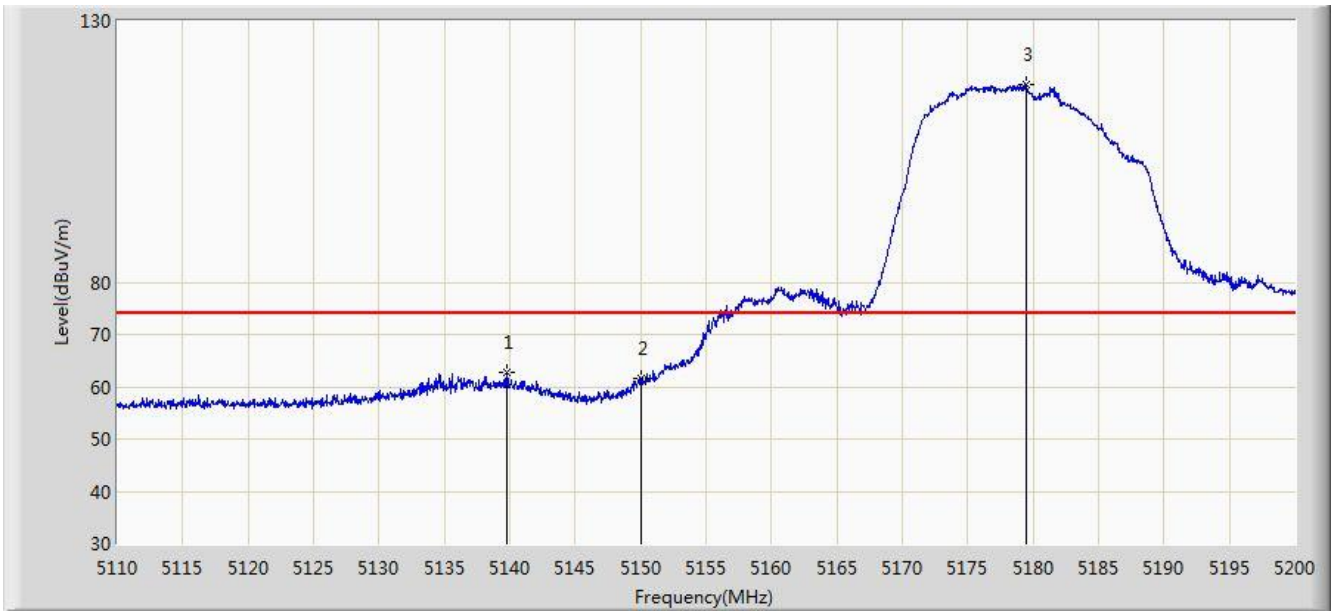


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.635	46.466	-3.365	54.000	4.170	AV
2		*	5187.805	105.636	101.595	N/A	N/A	4.041	AV

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: 2016/08/30 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3	

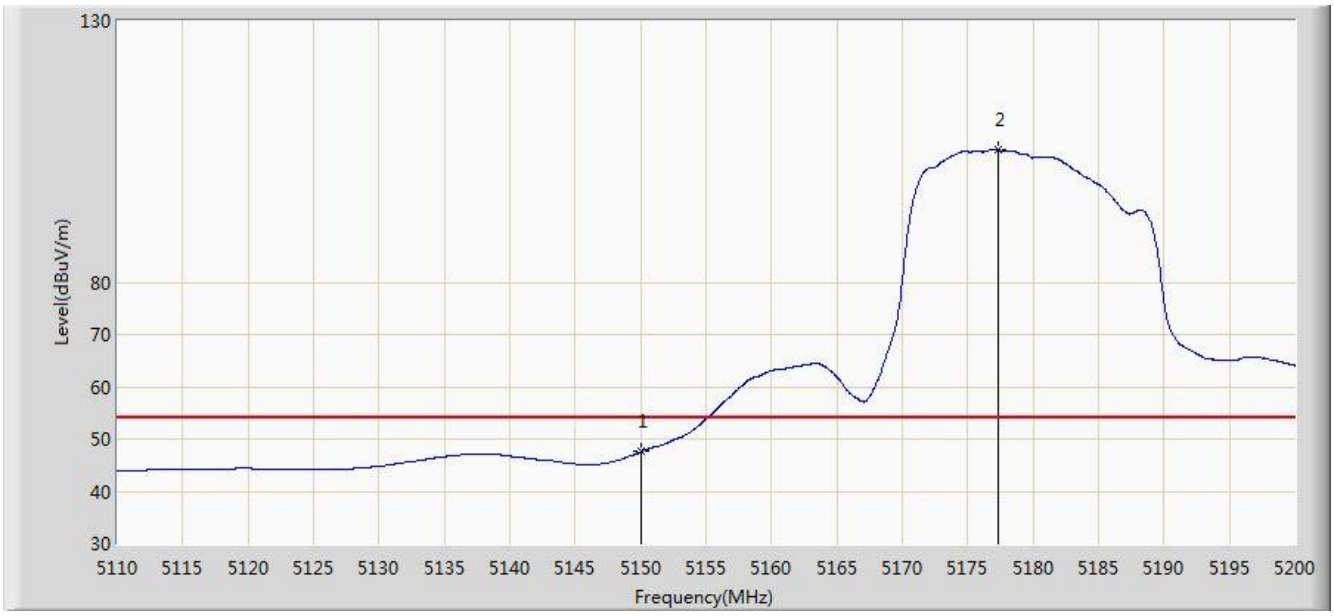


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.790	62.727	58.552	-11.273	74.000	4.175	PK
2			5150.000	61.503	57.334	-12.497	74.000	4.170	PK
3		*	5179.435	117.786	113.715	N/A	N/A	4.071	PK

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: 2016/08/30 - 22:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3	

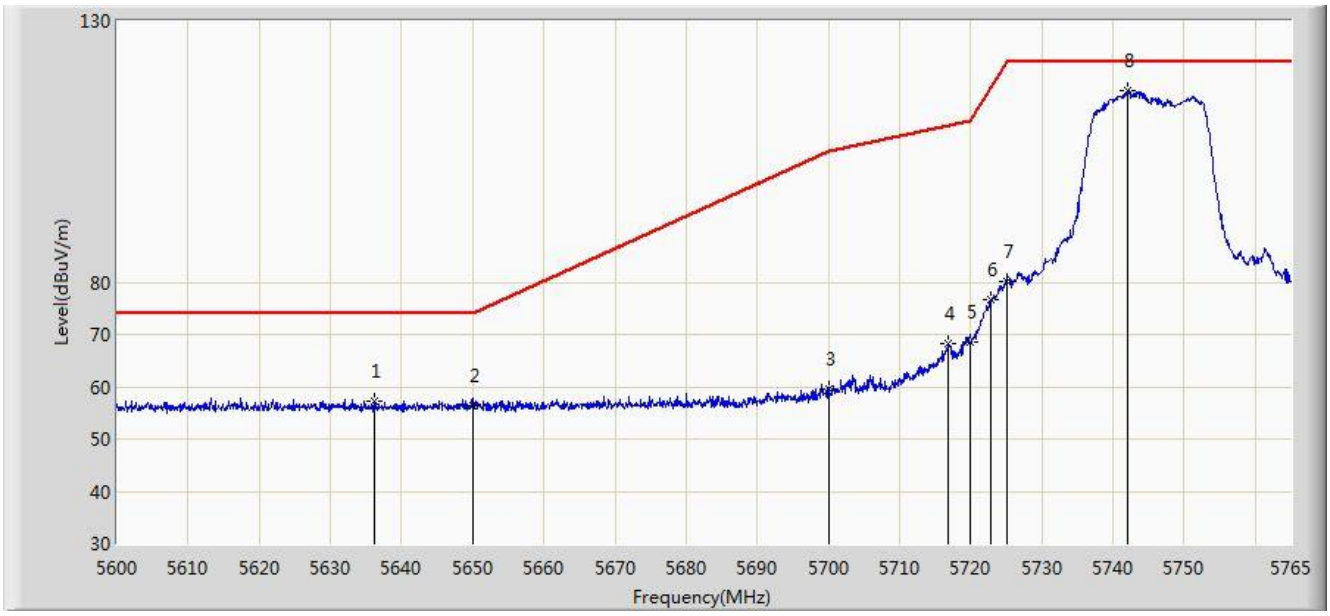


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.573	43.404	-6.427	54.000	4.170	AV
2		*	5177.275	105.321	101.242	N/A	N/A	4.078	AV

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: 2016/08/30 - 23:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2+3	

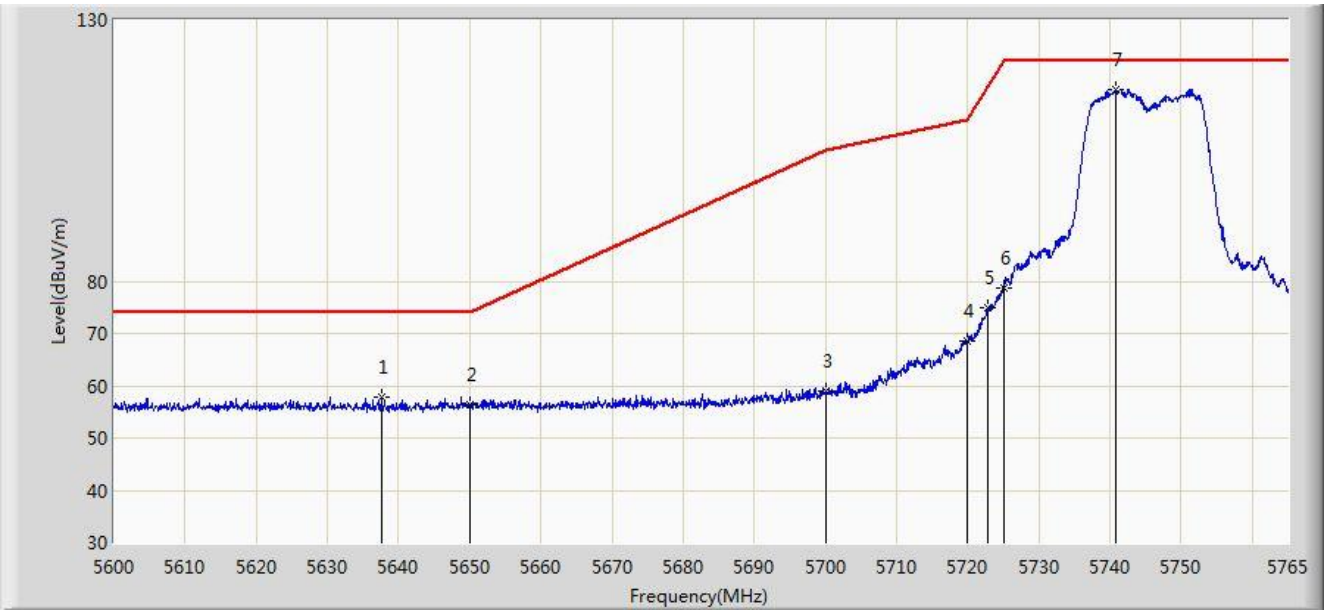


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.217	57.375	52.748	-16.625	74.000	4.627	PK
2			5650.000	56.438	51.767	-17.562	74.000	4.671	PK
3			5700.000	59.637	54.759	-45.563	105.200	4.878	PK
4			5716.820	68.351	63.375	-41.559	109.911	4.977	PK
5			5720.000	68.660	63.663	-42.140	110.800	4.997	PK
6			5722.760	76.638	71.623	-40.456	117.094	5.015	PK
7			5725.000	80.151	75.122	-42.049	122.200	5.029	PK
8		*	5741.982	116.655	111.518	N/A	N/A	5.137	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: 2016/08/30 - 23:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2+3	

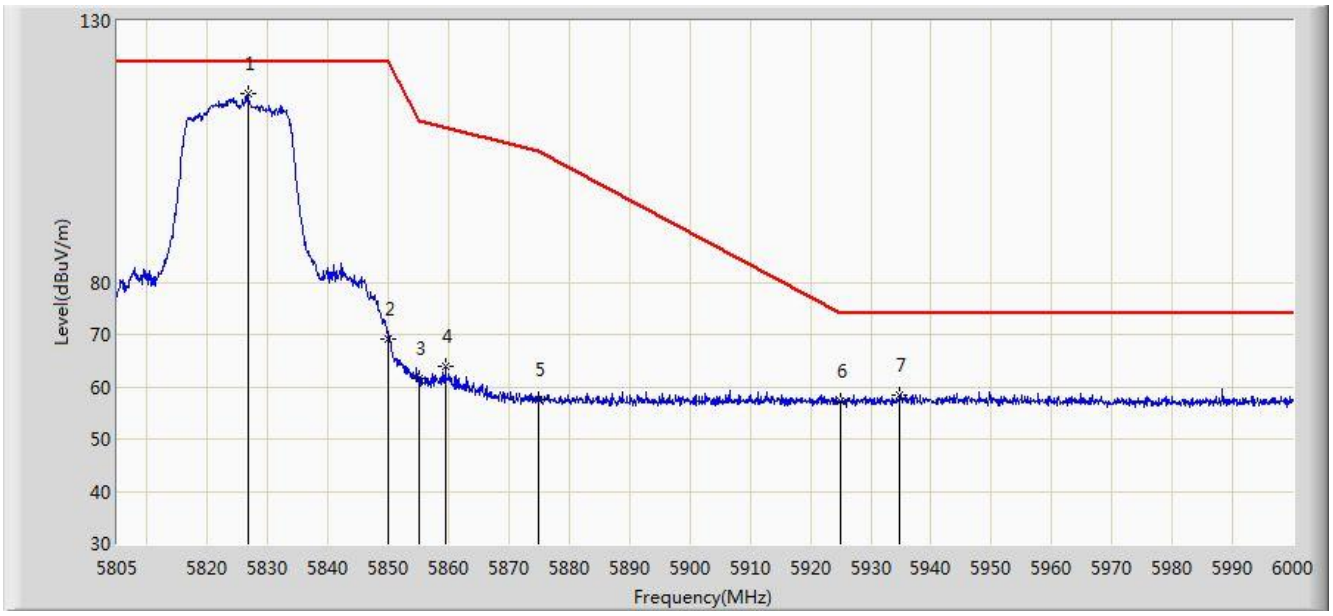


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5637.538	57.786	53.155	-16.214	74.000	4.631	PK
2			5650.000	56.351	51.680	-17.649	74.000	4.671	PK
3			5700.000	58.860	53.982	-46.340	105.200	4.878	PK
4			5720.000	68.529	63.532	-42.271	110.800	4.997	PK
5			5722.760	74.912	69.897	-42.182	117.094	5.015	PK
6			5725.000	78.706	73.677	-43.494	122.200	5.029	PK
7		*	5740.828	116.607	111.477	N/A	N/A	5.130	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: 2016/08/30 - 23:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2+3	

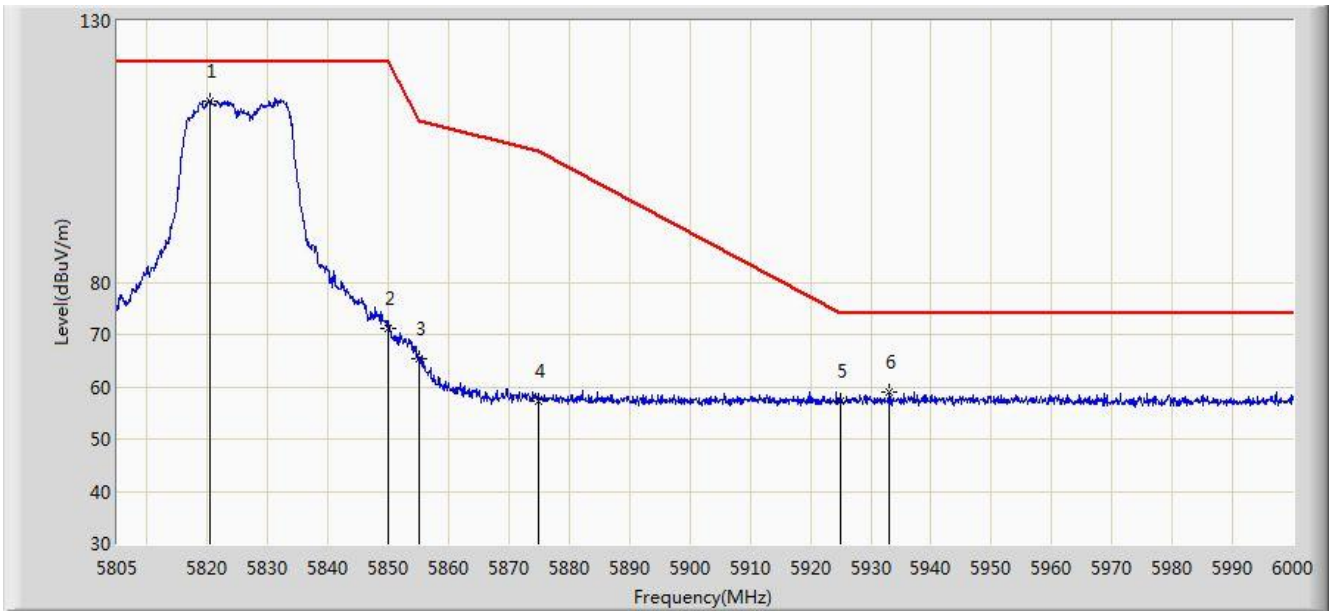


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.645	116.188	110.590	N/A	N/A	5.598	PK
2			5850.000	69.105	63.379	-53.095	122.200	5.726	PK
3			5855.000	61.660	55.914	-49.140	110.800	5.746	PK
4			5859.405	63.837	58.073	-45.728	109.565	5.765	PK
5			5875.000	57.667	51.847	-47.533	105.200	5.820	PK
6			5925.000	57.219	51.253	-16.781	74.000	5.967	PK
7			5934.772	58.518	52.527	-15.482	74.000	5.991	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: 2016/08/30 - 23:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2+3	

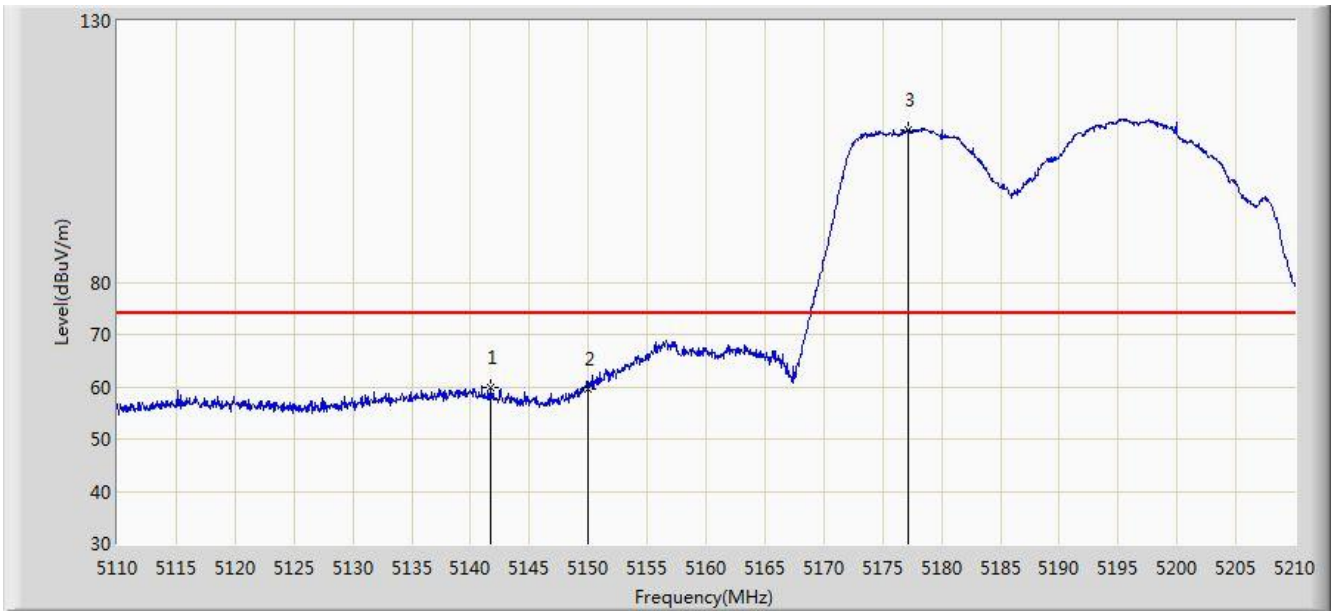


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.308	114.757	109.196	N/A	N/A	5.560	PK
2			5850.000	71.298	65.572	-50.902	122.200	5.726	PK
3			5855.000	65.494	59.748	-45.306	110.800	5.746	PK
4			5875.000	57.389	51.569	-47.811	105.200	5.820	PK
5			5925.000	57.171	51.205	-16.829	74.000	5.967	PK
6			5933.115	58.874	52.887	-15.126	74.000	5.987	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: 2016/08/30 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3	

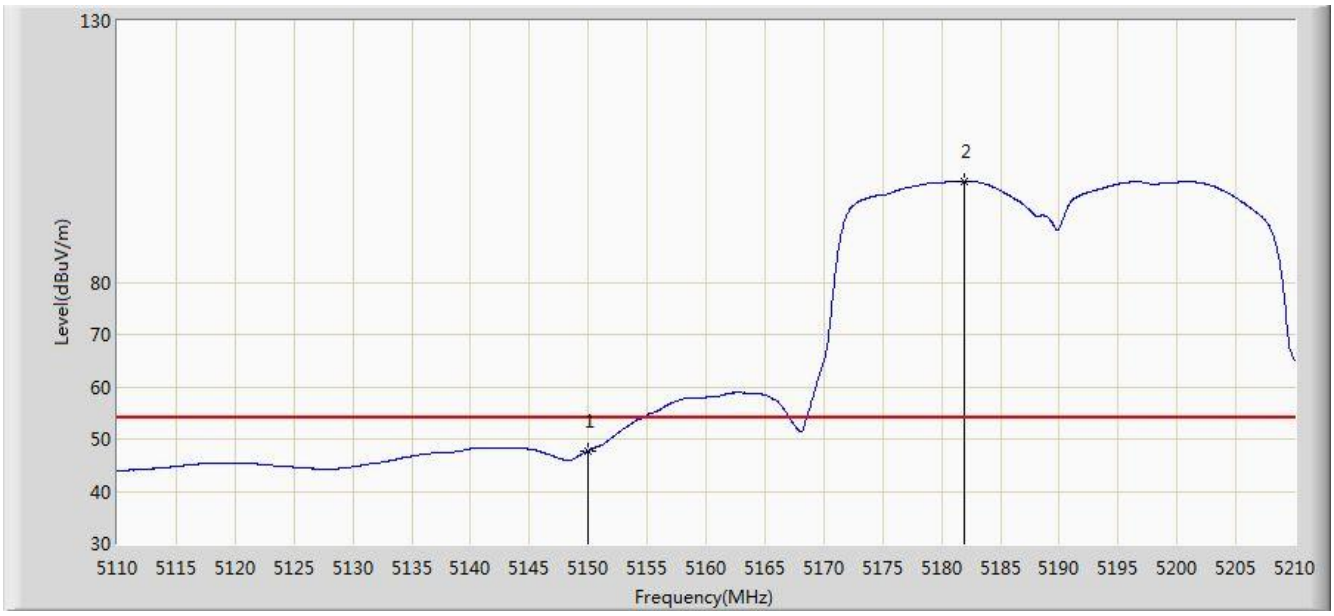


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.650	59.996	55.820	-14.004	74.000	4.176	PK
2			5150.000	59.667	55.498	-14.333	74.000	4.170	PK
3		*	5177.200	109.047	104.968	N/A	N/A	4.078	PK

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: 2016/08/30 - 23:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3	

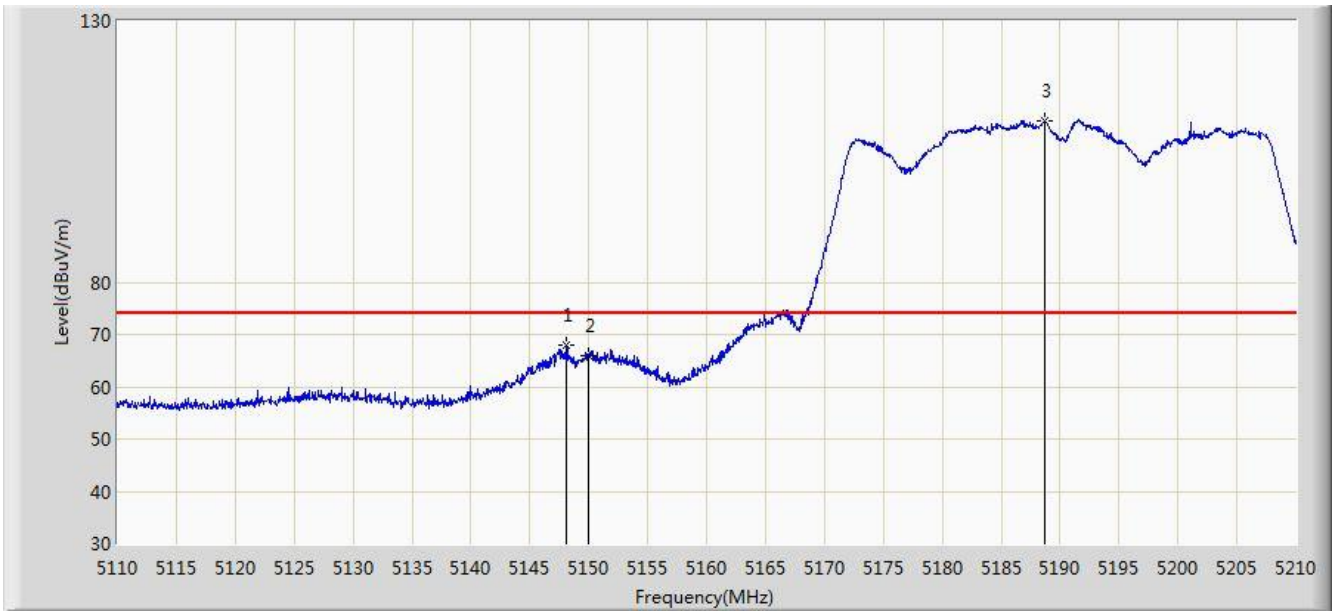


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.746	43.577	-6.254	54.000	4.170	AV
2		*	5181.950	99.345	95.283	N/A	N/A	4.062	AV

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: 2016/08/30 - 23:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3	

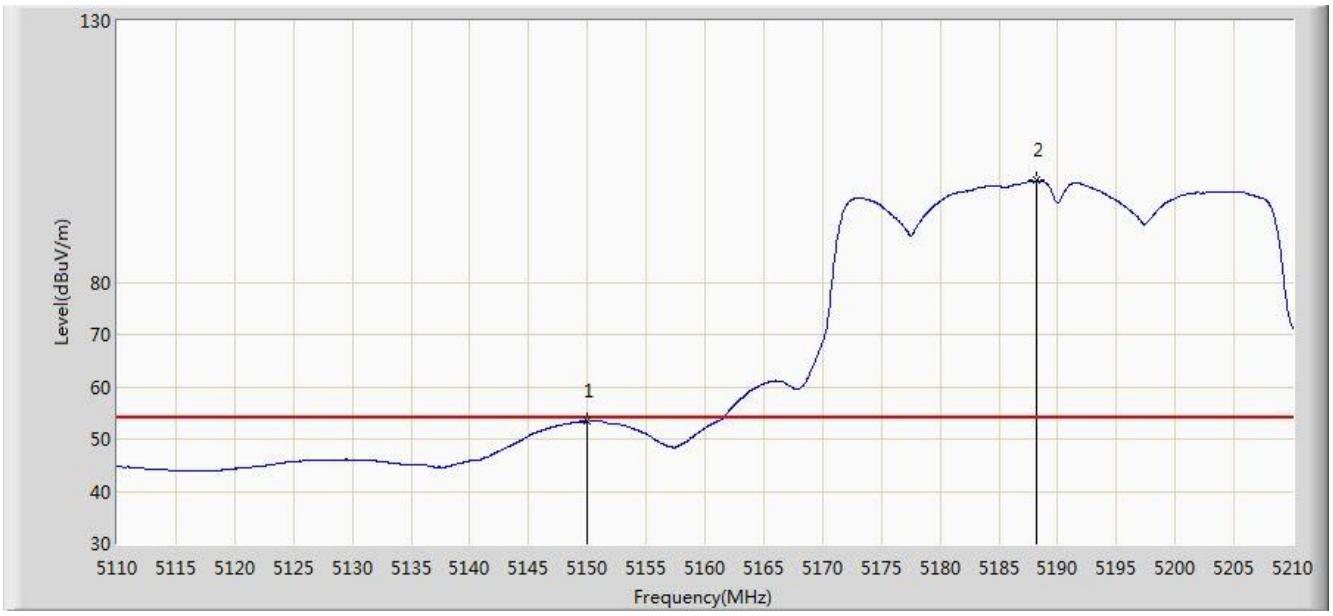


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.100	68.026	63.851	-5.974	74.000	4.175	PK
2			5150.000	65.856	61.687	-8.144	74.000	4.170	PK
3		*	5188.650	110.821	106.783	N/A	N/A	4.038	PK

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: 2016/08/30 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3	

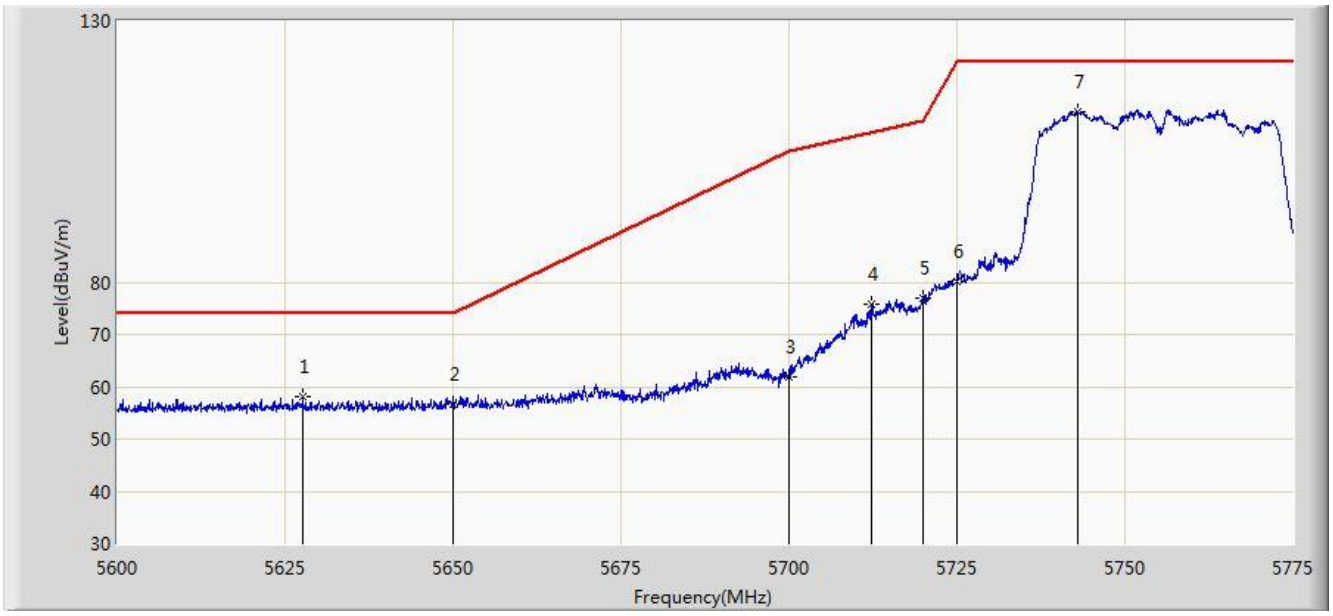


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.338	49.169	-0.662	54.000	4.170	AV
2		*	5188.150	99.421	95.381	N/A	N/A	4.040	AV

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: 2016/08/31 - 00:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2+3	

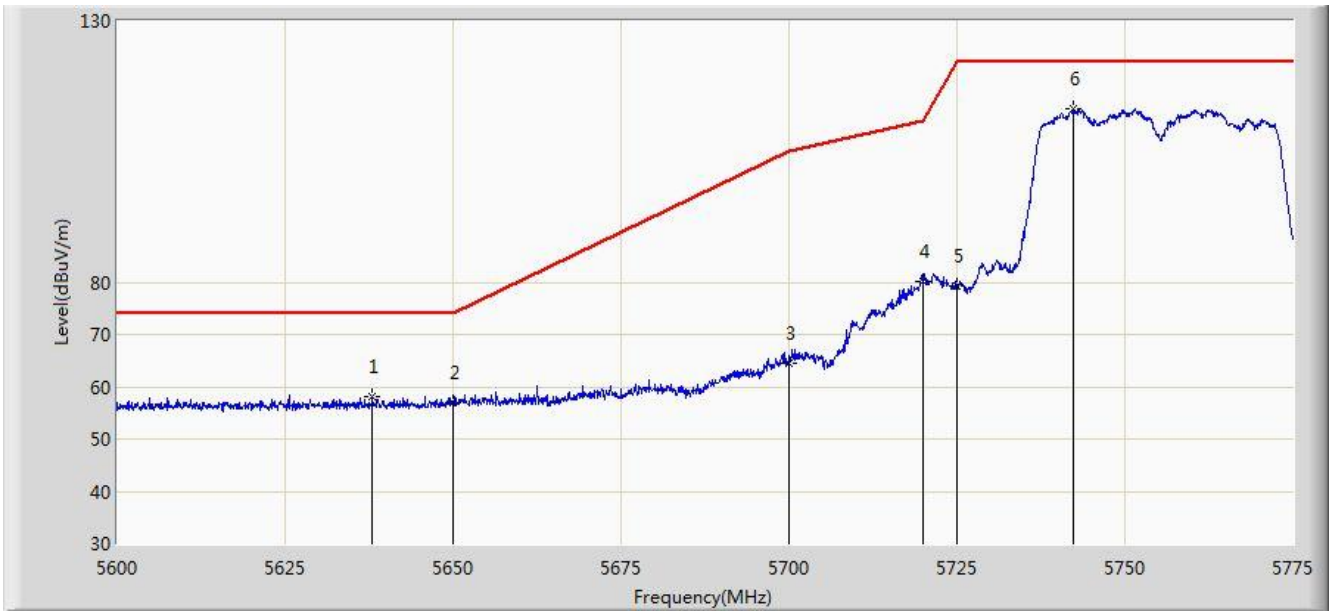


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5627.650	58.224	53.622	-15.776	74.000	4.602	PK
2			5650.000	56.702	52.031	-17.298	74.000	4.671	PK
3			5700.000	61.879	57.001	-43.321	105.200	4.878	PK
4			5712.263	75.894	70.947	-32.742	108.636	4.946	PK
5			5720.000	76.938	71.941	-33.862	110.800	4.997	PK
6			5725.000	80.177	75.148	-42.023	122.200	5.029	PK
7		*	5742.888	112.714	107.571	N/A	N/A	5.144	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: 2016/08/31 - 00:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2+3	

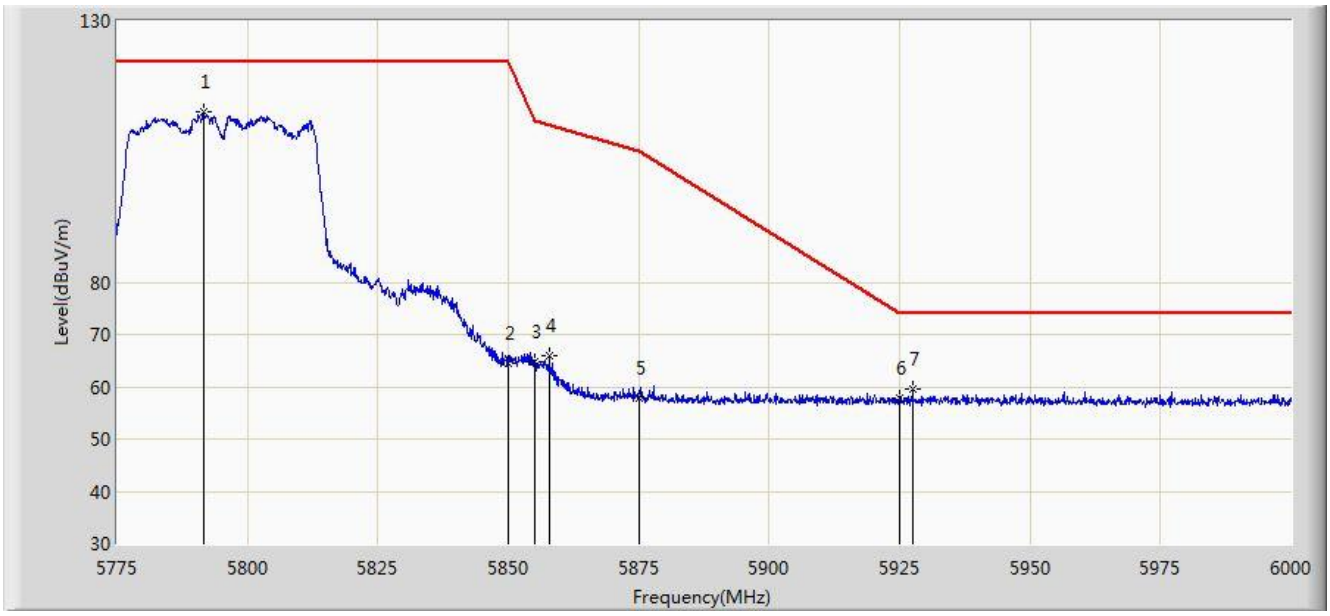


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5637.975	58.066	53.434	-15.934	74.000	4.632	PK
2			5650.000	56.931	52.260	-17.069	74.000	4.671	PK
3			5700.000	64.628	59.750	-40.572	105.200	4.878	PK
4			5720.000	80.012	75.015	-30.788	110.800	4.997	PK
5			5725.000	79.349	74.320	-42.851	122.200	5.029	PK
6		*	5742.275	113.080	107.941	N/A	N/A	5.139	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: 2016/08/31 - 00:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2+3	

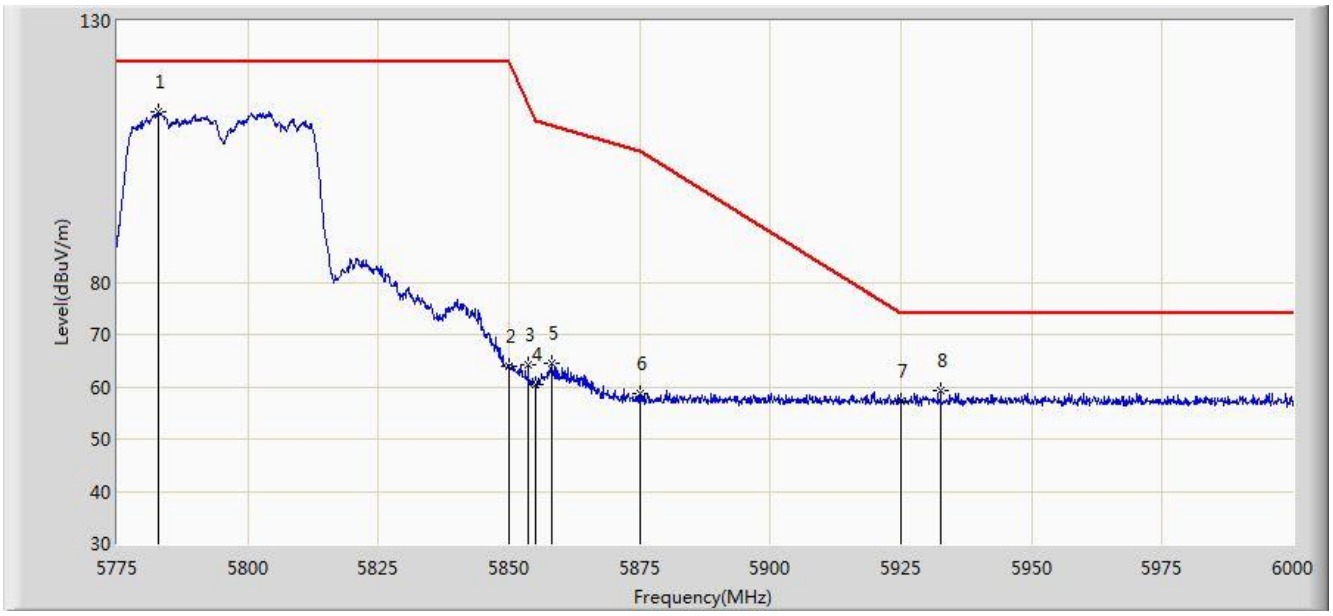


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.650	112.592	107.192	N/A	N/A	5.400	PK
2			5850.000	64.421	58.695	-57.779	122.200	5.726	PK
3			5855.000	64.661	58.915	-46.139	110.800	5.746	PK
4			5857.913	66.006	60.248	-43.977	109.983	5.759	PK
5			5875.000	57.750	51.930	-47.450	105.200	5.820	PK
6			5925.000	57.707	51.741	-16.293	74.000	5.967	PK
7			5927.550	59.615	53.642	-14.385	74.000	5.973	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: 2016/08/31 - 00:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2+3	

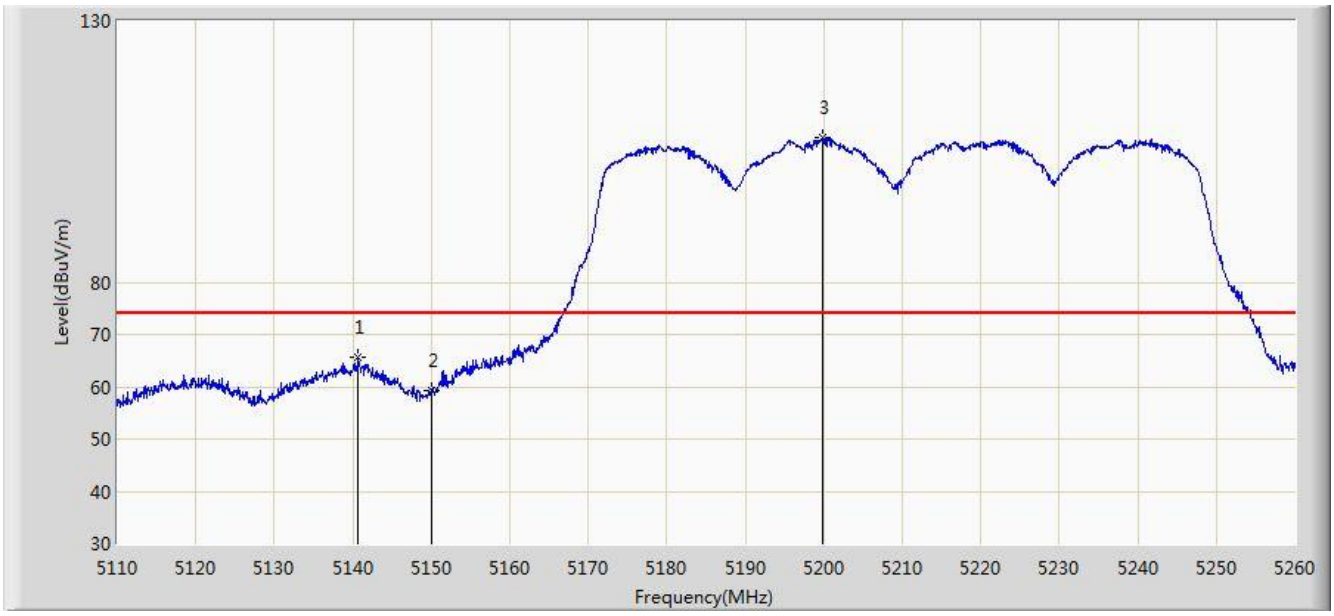


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.763	112.491	107.136	N/A	N/A	5.356	PK
2			5850.000	63.908	58.182	-58.292	122.200	5.726	PK
3			5853.638	64.152	58.411	-49.753	113.904	5.741	PK
4			5855.000	60.338	54.592	-50.462	110.800	5.746	PK
5			5858.250	64.419	58.659	-45.470	109.889	5.760	PK
6			5875.000	58.594	52.774	-46.606	105.200	5.820	PK
7			5925.000	57.270	51.304	-16.730	74.000	5.967	PK
8			5932.612	59.278	53.293	-14.722	74.000	5.985	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: 2016/08/31 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3	

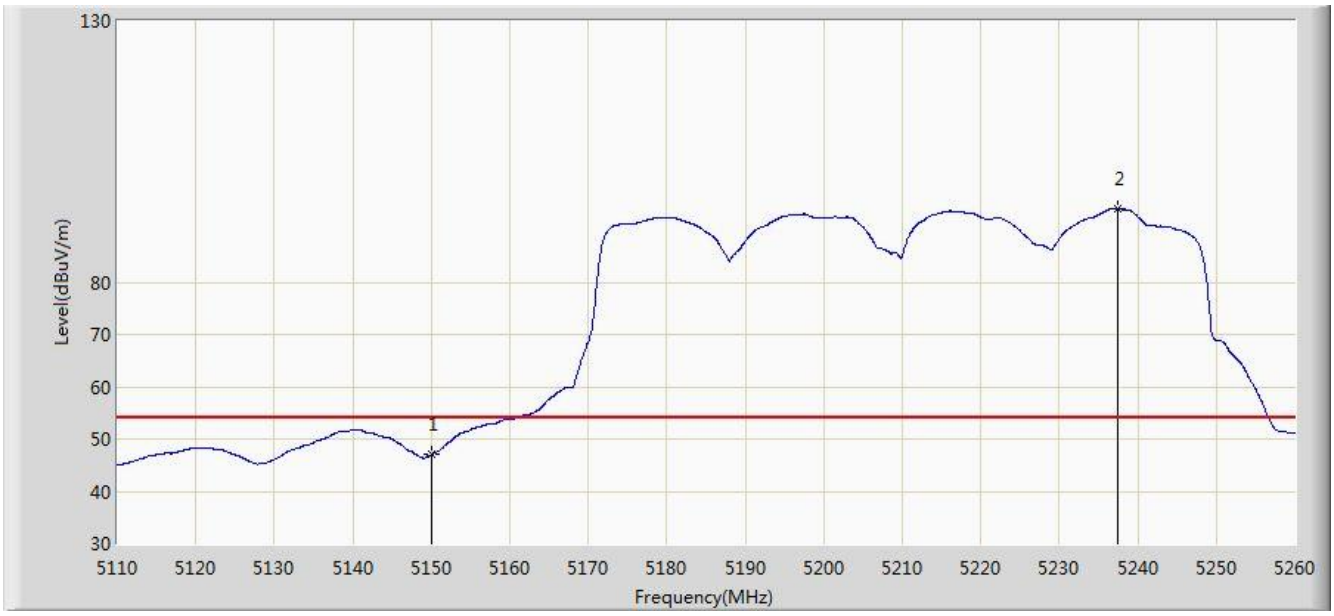


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.675	65.665	61.490	-8.335	74.000	4.176	PK
2			5150.000	59.391	55.222	-14.609	74.000	4.170	PK
3		*	5199.925	107.628	103.629	N/A	N/A	3.998	PK

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: 2016/08/31 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3	

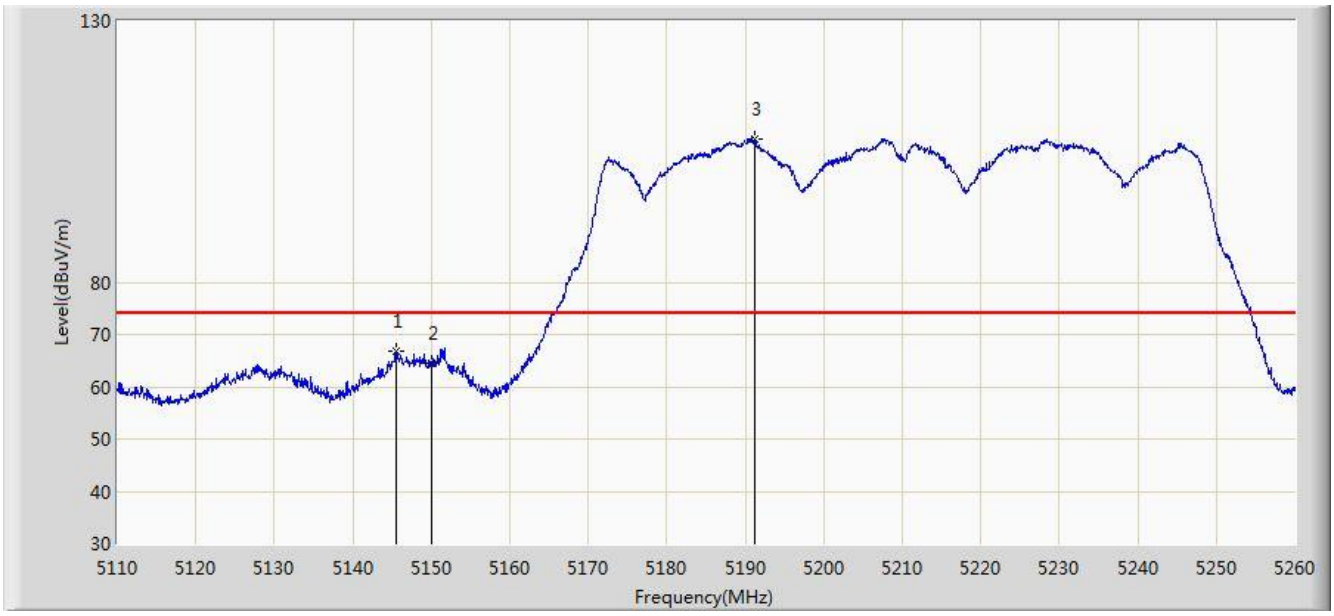


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.035	42.866	-6.965	54.000	4.170	AV
2		*	5237.425	94.142	90.255	N/A	N/A	3.888	AV

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: 2016/08/31 - 00:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3	

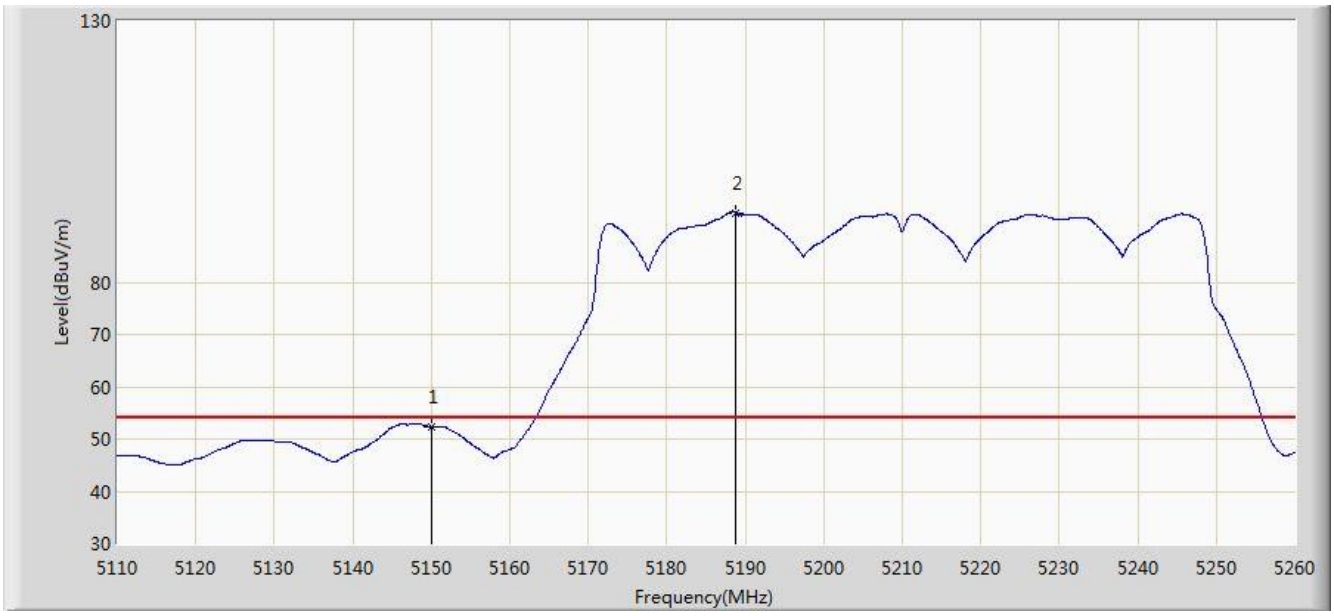


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.550	66.868	62.692	-7.132	74.000	4.176	PK
2			5150.000	64.576	60.407	-9.424	74.000	4.170	PK
3		*	5191.150	107.373	103.344	N/A	N/A	4.030	PK

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: 2016/08/31 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
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	52.393	48.224	-1.607	54.000	4.170	AV
2		*	5188.750	93.313	89.275	N/A	N/A	4.038	AV

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

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