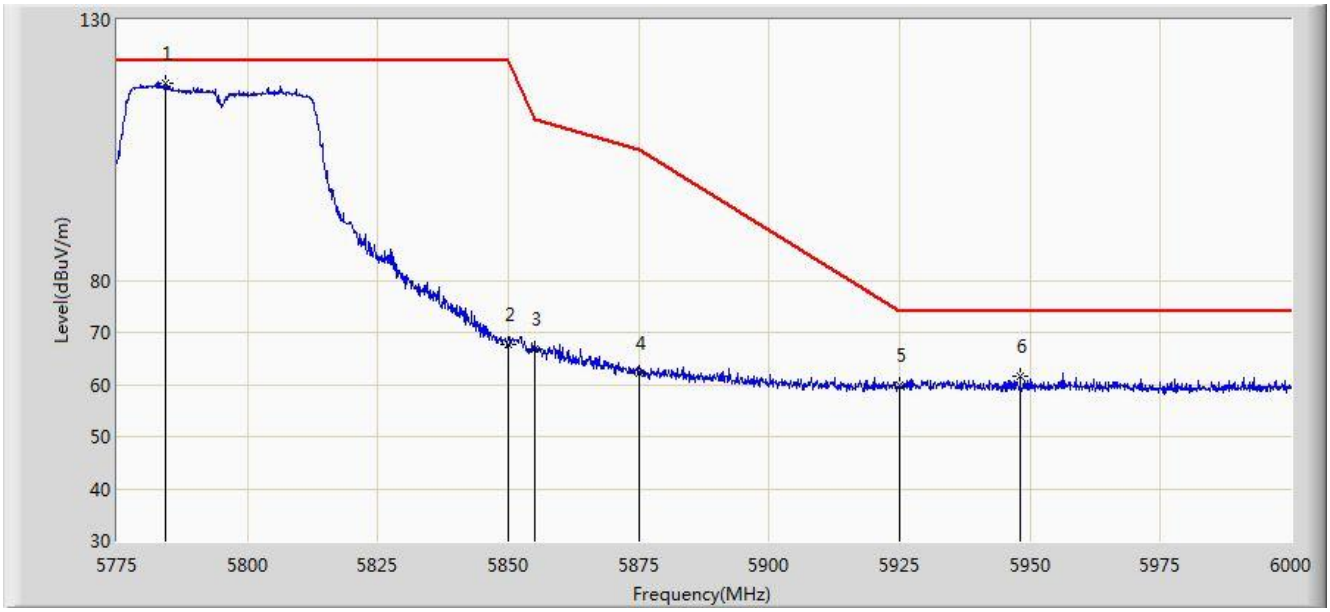
Site: AC1	Time: 2017/02/19 - 16:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	

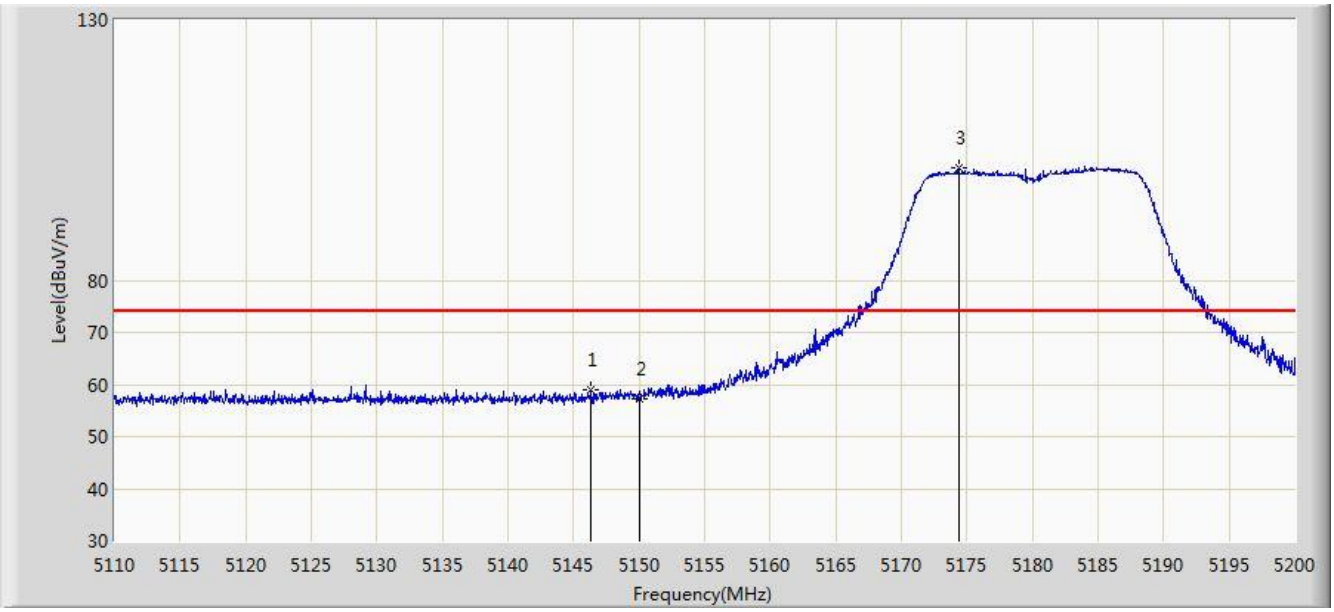


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5784.337	117.883	112.520	N/A	N/A	5.363	PK
2			5850.000	67.743	62.017	-54.457	122.200	5.726	PK
3			5855.000	66.747	61.001	-44.053	110.800	5.746	PK
4			5875.000	62.125	56.305	-43.075	105.200	5.820	PK
5			5925.000	59.749	53.783	-14.251	74.000	5.967	PK
6			5948.138	61.703	55.681	-12.297	74.000	6.023	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

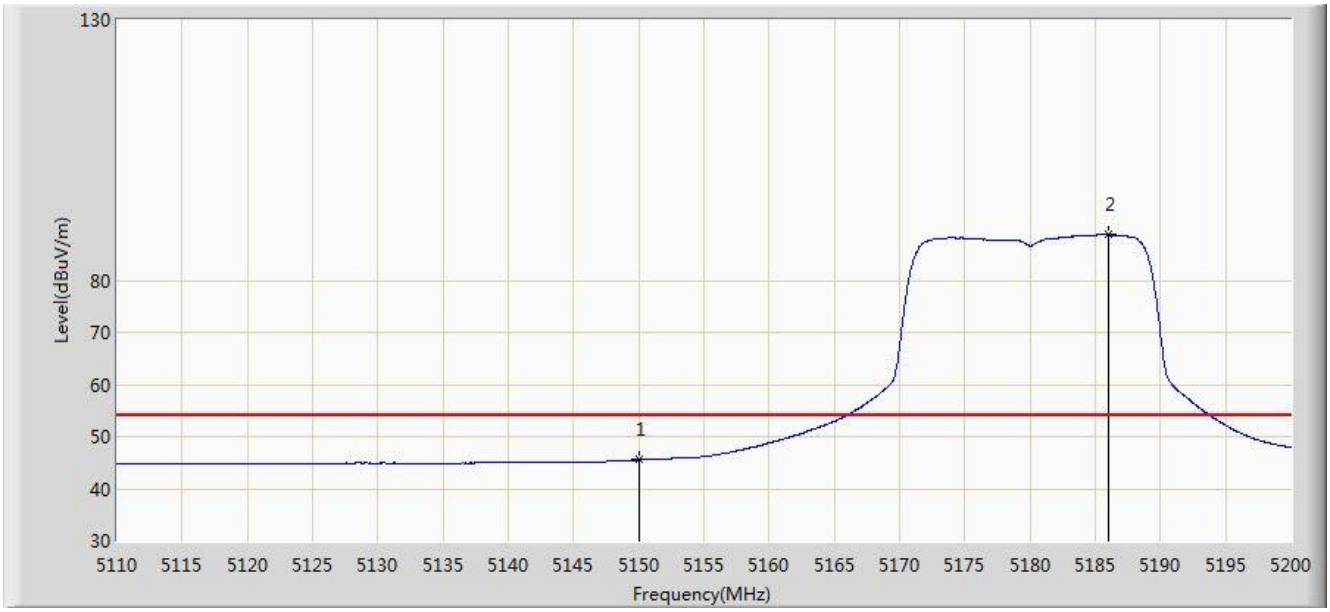


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.360	59.089	54.913	-14.911	74.000	4.176	PK
2			5150.000	57.368	53.199	-16.632	74.000	4.170	PK
3			5174.350	101.625	97.536	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

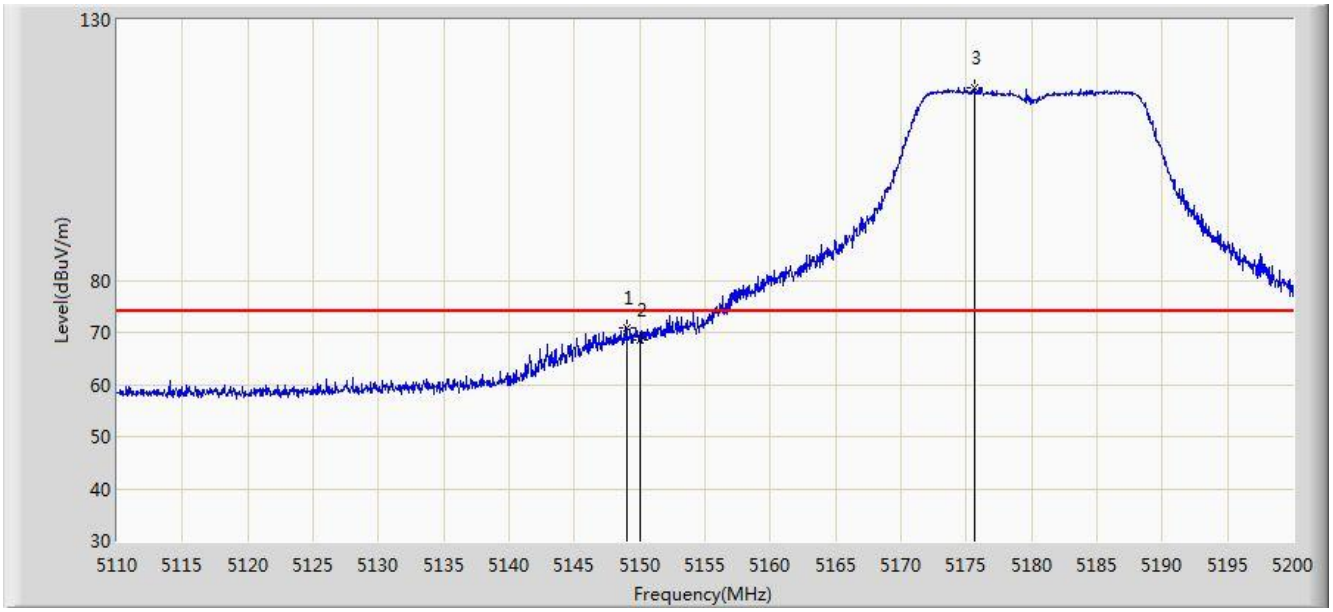


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.563	41.394	-8.437	54.000	4.170	AV
2			5185.960	88.759	84.711	N/A	N/A	4.048	AV

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

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

Site: AC1	Time: 2017/02/19 - 16:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

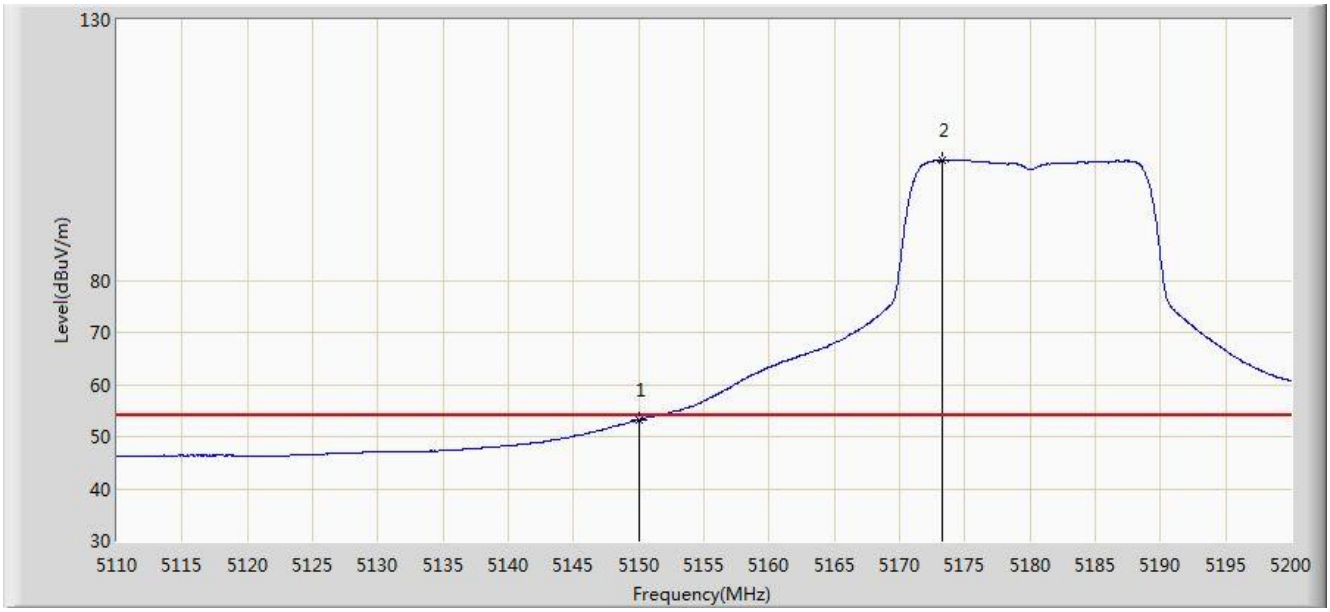


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.015	70.901	66.729	-3.099	74.000	4.173	PK
2			5150.000	68.581	64.412	-5.419	74.000	4.170	PK
3			5175.610	116.877	112.793	N/A	N/A	4.085	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

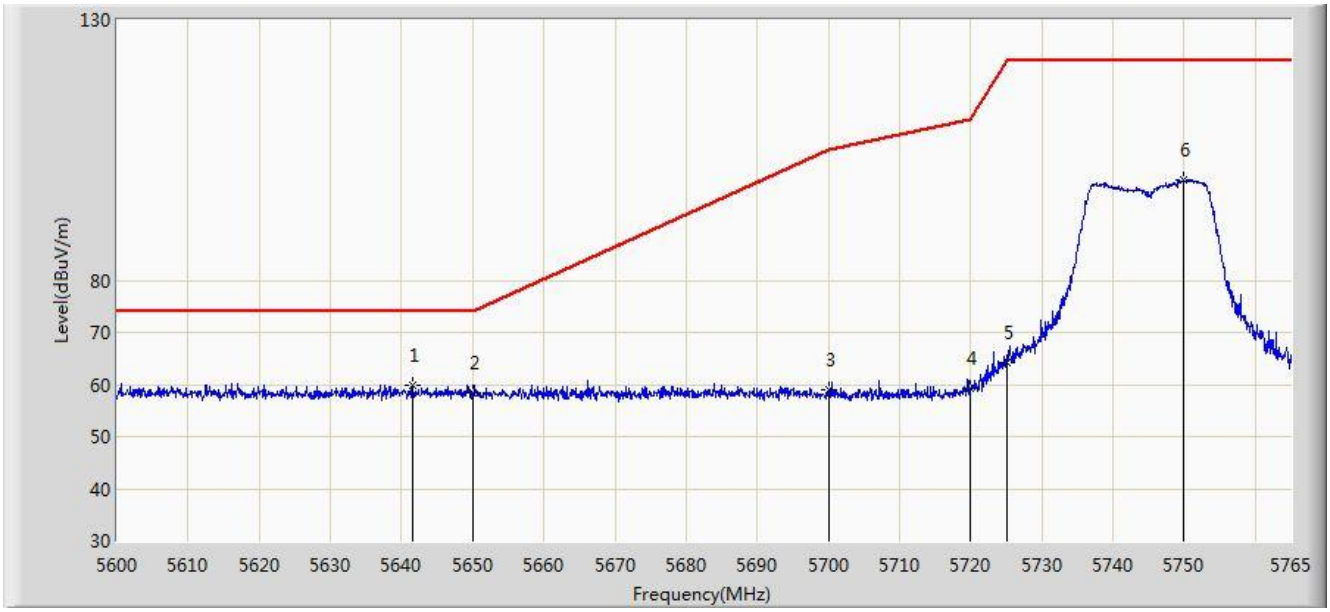


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.193	49.024	-0.807	54.000	4.170	AV
2			5173.225	102.989	98.896	N/A	N/A	4.093	AV

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

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

Site: AC1	Time: 2017/02/19 - 16:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	

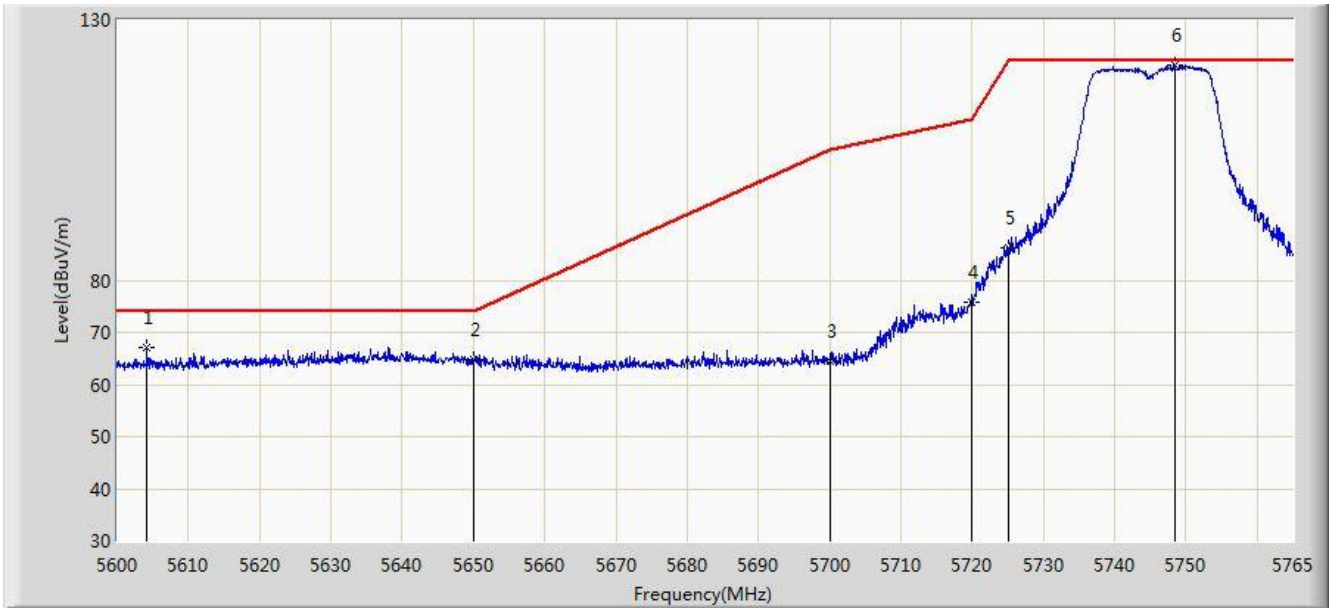


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.498	59.925	55.282	-14.075	74.000	4.643	PK
2			5650.000	58.267	53.596	-15.733	74.000	4.671	PK
3			5700.000	58.947	54.069	-46.253	105.200	4.878	PK
4			5720.000	59.134	54.137	-51.666	110.800	4.997	PK
5			5725.000	64.323	59.294	-57.877	122.200	5.029	PK
6			5749.902	99.274	94.091	N/A	N/A	5.183	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	

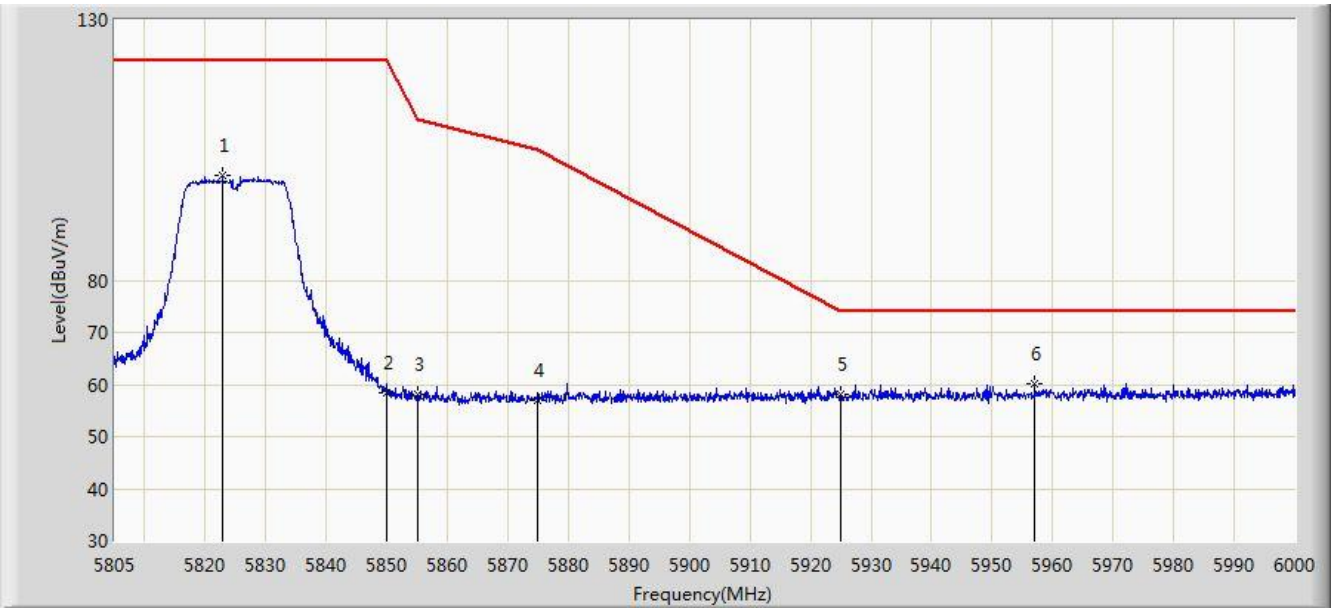


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5604.208	67.203	62.666	-6.797	74.000	4.537	PK
2			5650.000	64.818	60.147	-9.182	74.000	4.671	PK
3			5700.000	64.366	59.488	-40.834	105.200	4.878	PK
4			5720.000	75.770	70.773	-35.030	110.800	4.997	PK
5			5725.000	86.291	81.262	-35.909	122.200	5.029	PK
6			5748.417	121.274	116.100	N/A	N/A	5.174	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 2	

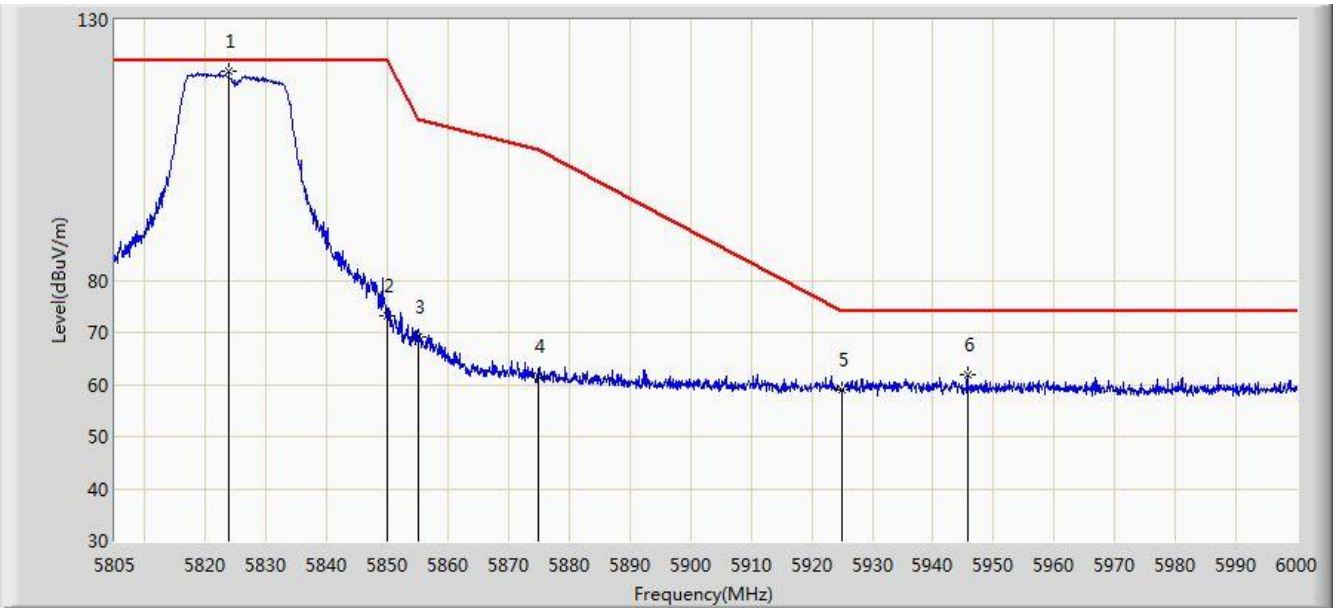


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.842	100.275	94.700	N/A	N/A	5.575	PK
2			5850.000	58.474	52.748	-63.726	122.200	5.726	PK
3			5855.000	58.003	52.257	-52.797	110.800	5.746	PK
4			5875.000	56.884	51.064	-48.316	105.200	5.820	PK
5			5925.000	57.983	52.017	-16.017	74.000	5.967	PK
6			5957.100	60.249	54.210	-13.751	74.000	6.039	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 2	

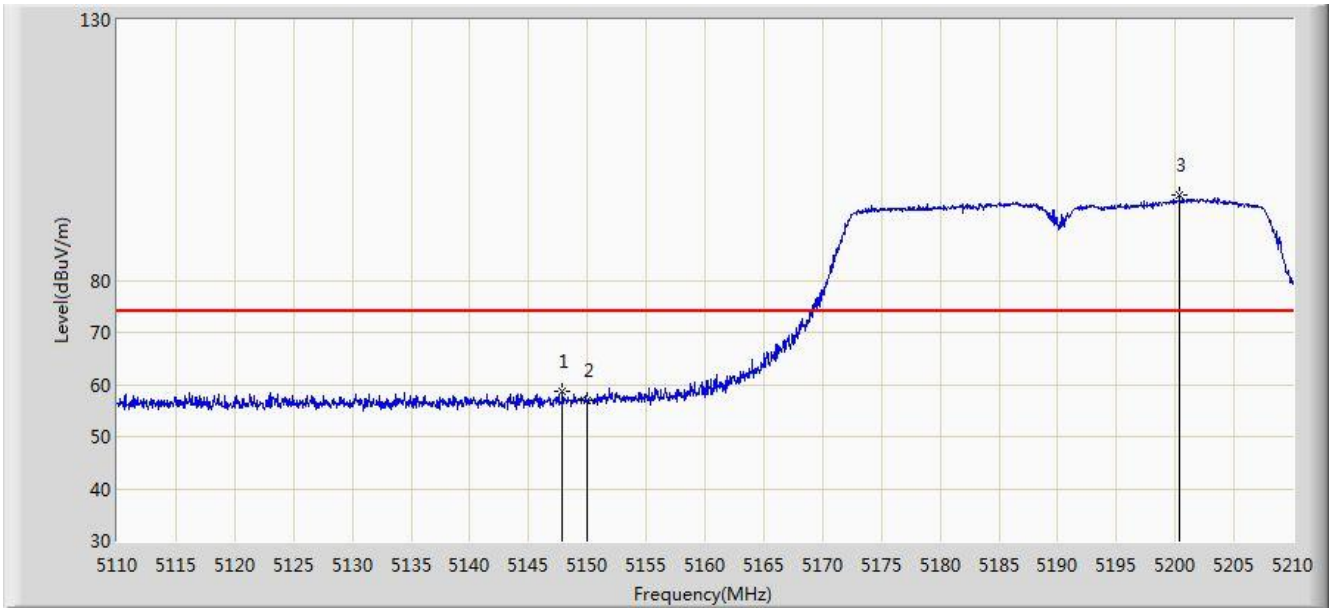


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5823.817	120.134	114.553	N/A	N/A	5.581	PK
2			5850.000	73.104	67.378	-49.096	122.200	5.726	PK
3			5855.000	69.096	63.350	-41.704	110.800	5.746	PK
4			5875.000	61.691	55.871	-43.509	105.200	5.820	PK
5			5925.000	58.857	52.891	-15.143	74.000	5.967	PK
6			5945.692	61.776	55.759	-12.224	74.000	6.018	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

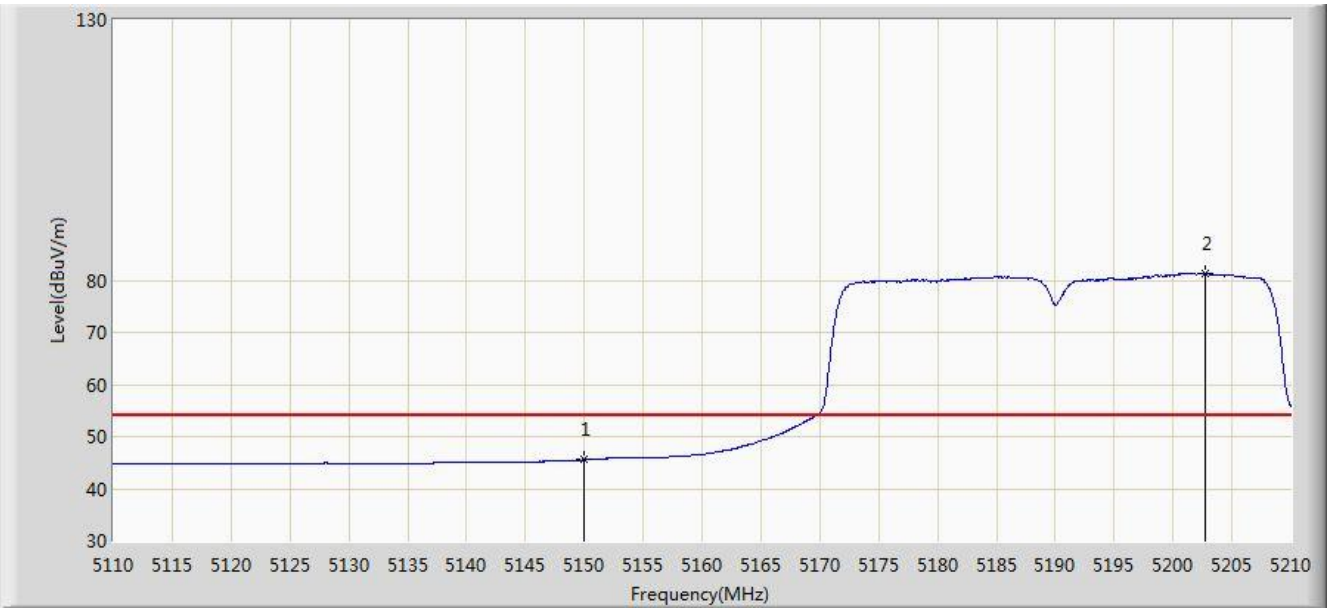


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.850	58.652	54.476	-15.348	74.000	4.176	PK
2			5150.000	56.880	52.711	-17.120	74.000	4.170	PK
3			5200.350	96.239	92.242	N/A	N/A	3.998	PK

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: 2017/02/19 - 17:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

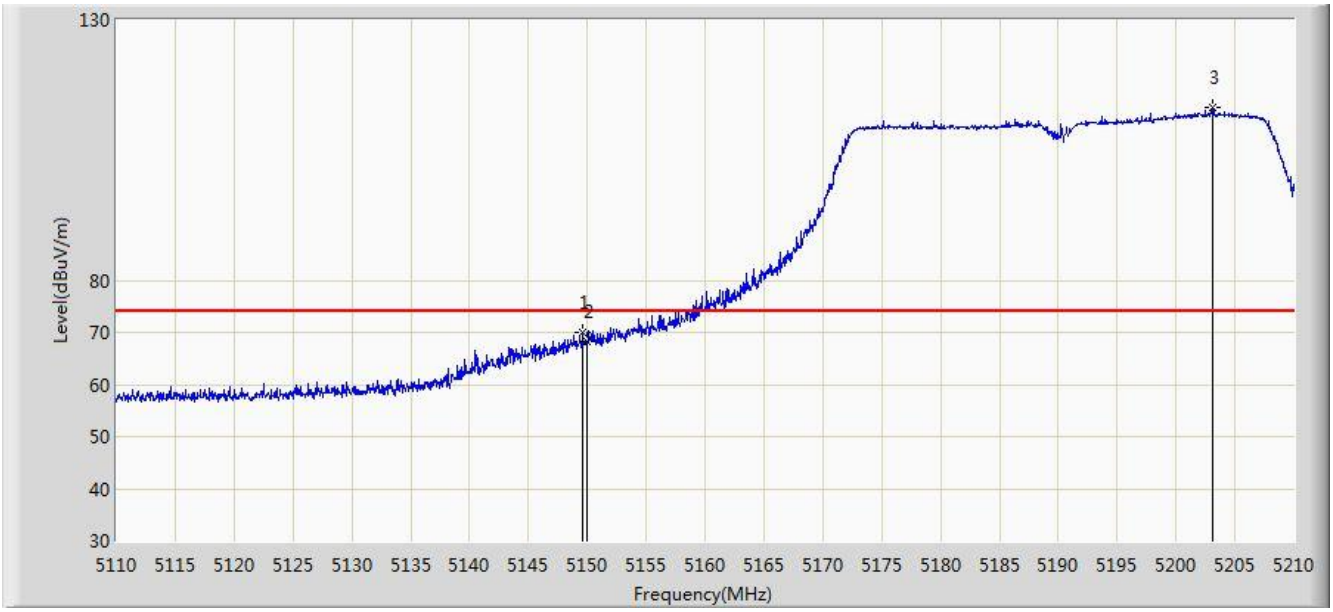


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.540	41.371	-8.460	54.000	4.170	AV
2			5202.700	81.403	77.413	N/A	N/A	3.991	AV

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

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

Site: AC1	Time: 2017/02/19 - 17:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

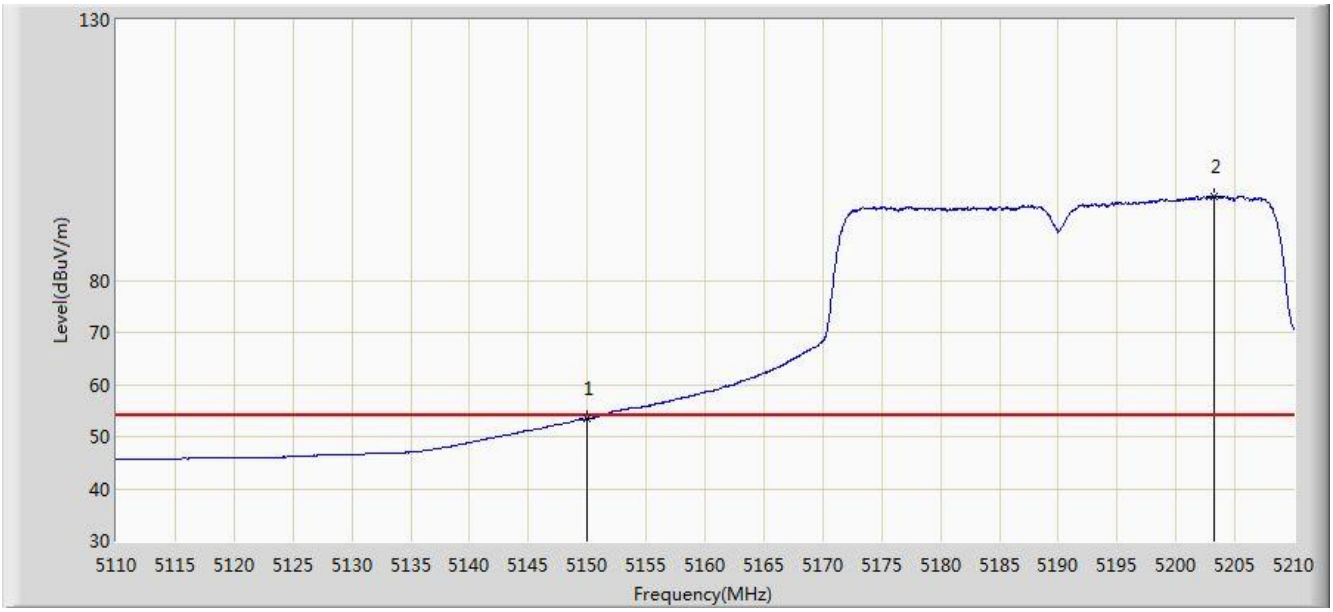


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.600	70.114	65.943	-3.886	74.000	4.170	PK
2			5150.000	68.336	64.167	-5.664	74.000	4.170	PK
3			5203.050	113.200	109.211	N/A	N/A	3.990	PK

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: 2017/02/19 - 17:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2	

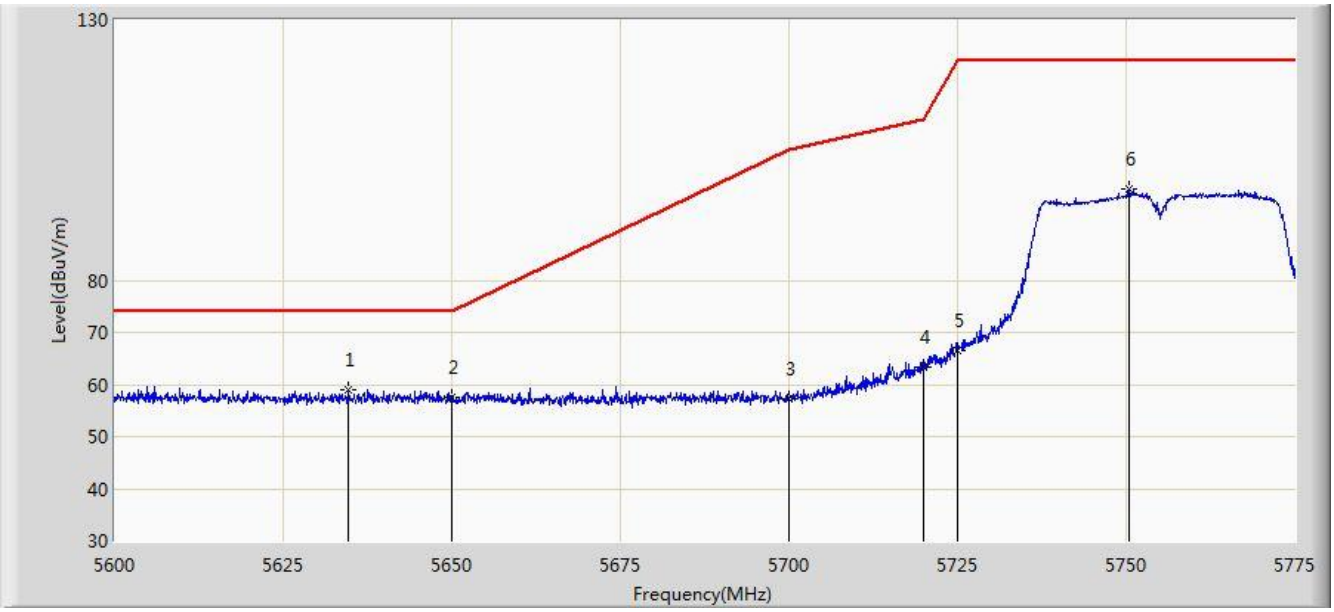


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.439	49.270	-0.561	54.000	4.170	AV
2			5203.250	95.997	92.008	N/A	N/A	3.988	AV

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

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

Site: AC1	Time: 2017/02/19 - 17:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2	

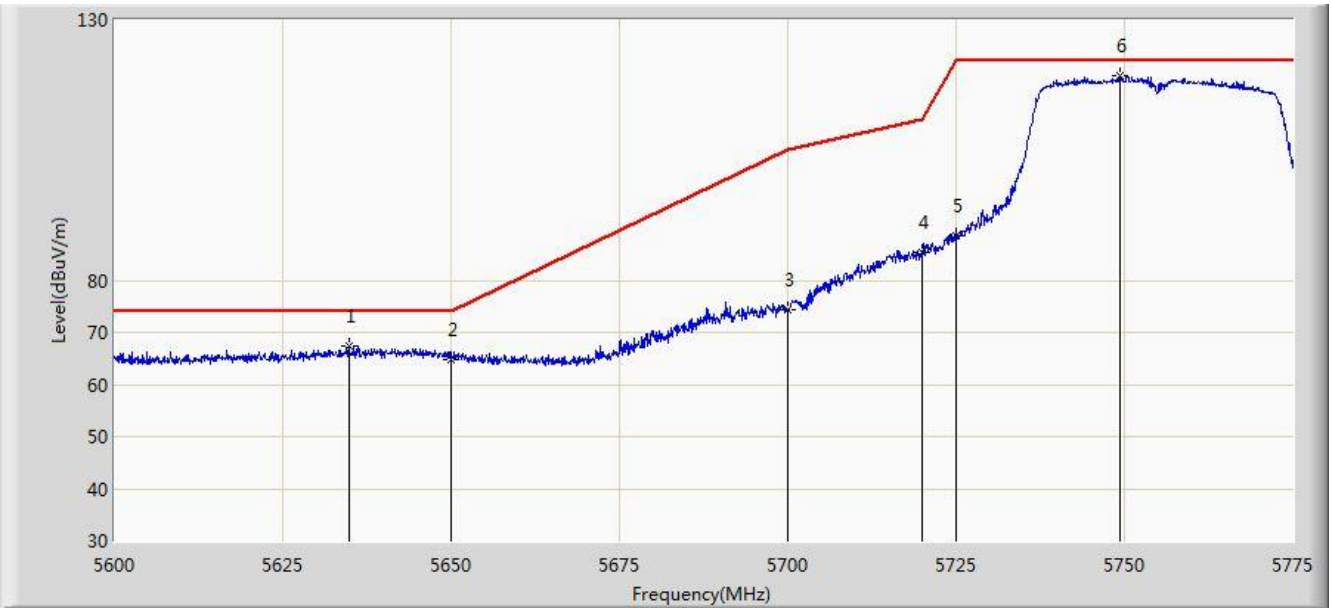


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.737	58.924	54.301	-15.076	74.000	4.623	PK
2			5650.000	57.634	52.963	-16.366	74.000	4.671	PK
3			5700.000	57.382	52.504	-47.818	105.200	4.878	PK
4			5720.000	63.260	58.263	-47.540	110.800	4.997	PK
5			5725.000	66.456	61.427	-55.744	122.200	5.029	PK
6			5750.500	97.435	92.249	N/A	N/A	5.186	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2	

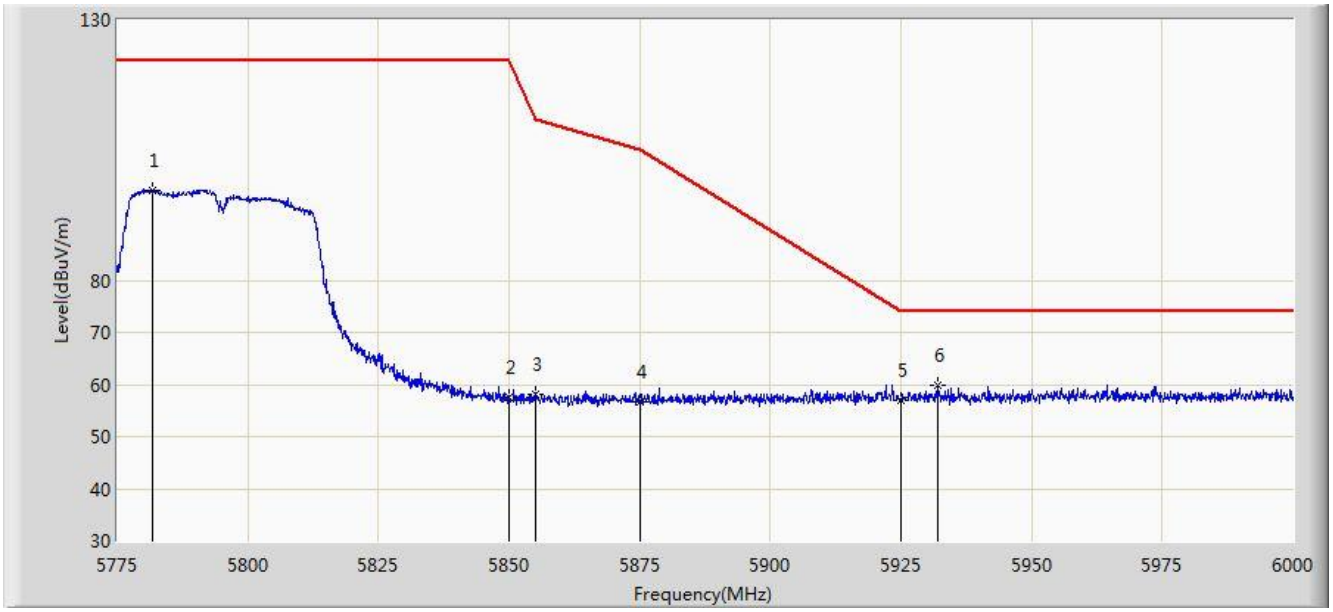


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.825	67.378	51.465	-6.622	74.000	15.913	PK
2			5650.000	64.747	48.804	-9.253	74.000	15.943	PK
3			5700.000	74.426	58.355	-30.774	105.200	16.071	PK
4			5720.000	85.490	69.335	-25.310	110.800	16.155	PK
5			5725.000	88.606	72.428	-33.594	122.200	16.178	PK
6			5749.450	119.247	102.960	N/A	N/A	16.287	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2	

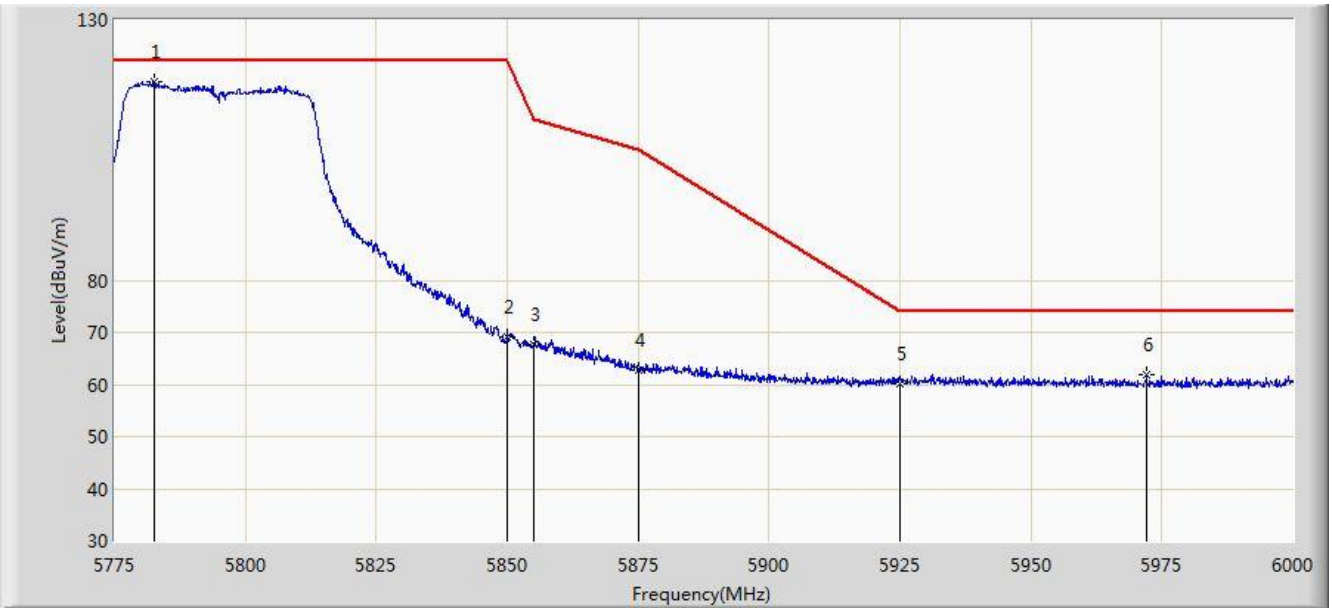


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5781.638	97.252	91.902	N/A	N/A	5.350	PK
2			5850.000	57.517	51.791	-64.683	122.200	5.726	PK
3			5855.000	58.196	52.450	-52.604	110.800	5.746	PK
4			5875.000	56.743	50.923	-48.457	105.200	5.820	PK
5			5925.000	57.055	51.089	-16.945	74.000	5.967	PK
6			5932.163	59.852	53.868	-14.148	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: 2017/02/19 - 17:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2	

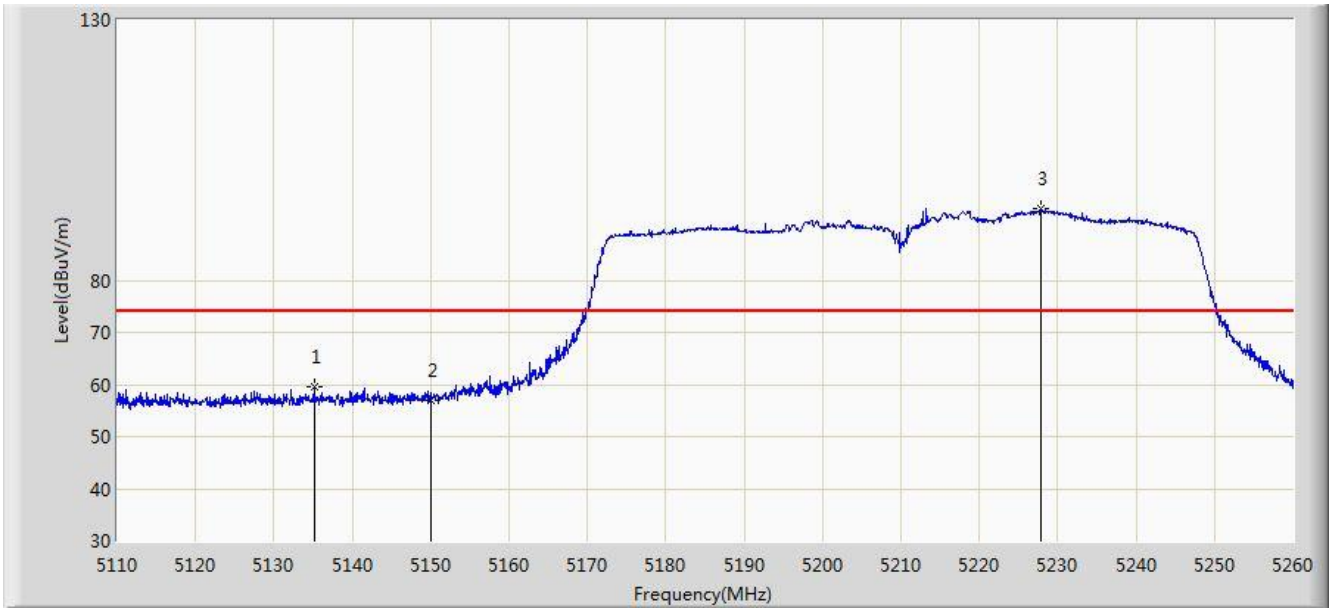


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5782.650	118.083	112.728	N/A	N/A	5.355	PK
2			5850.000	69.145	63.419	-53.055	122.200	5.726	PK
3			5855.000	67.699	61.953	-43.101	110.800	5.746	PK
4			5875.000	62.722	56.902	-42.478	105.200	5.820	PK
5			5925.000	60.062	54.096	-13.938	74.000	5.967	PK
6			5972.100	61.939	55.875	-12.061	74.000	6.065	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

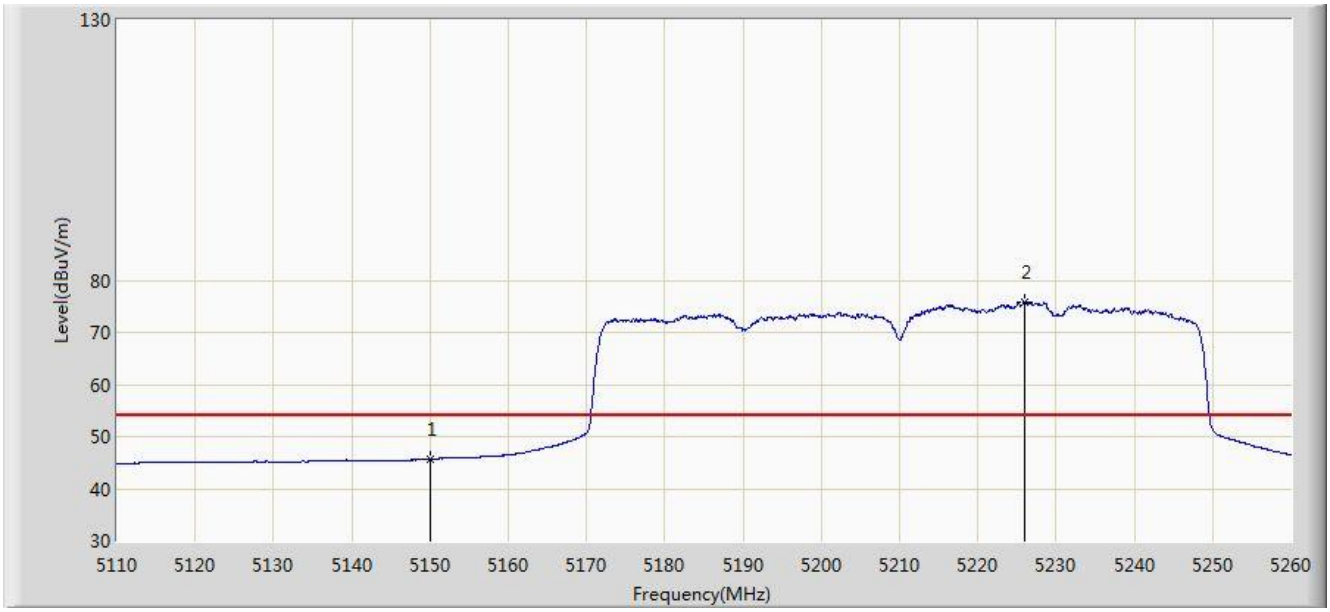


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.125	59.636	55.461	-14.364	74.000	4.175	PK
2			5150.000	57.034	52.865	-16.966	74.000	4.170	PK
3			5227.900	93.822	89.906	N/A	N/A	3.916	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

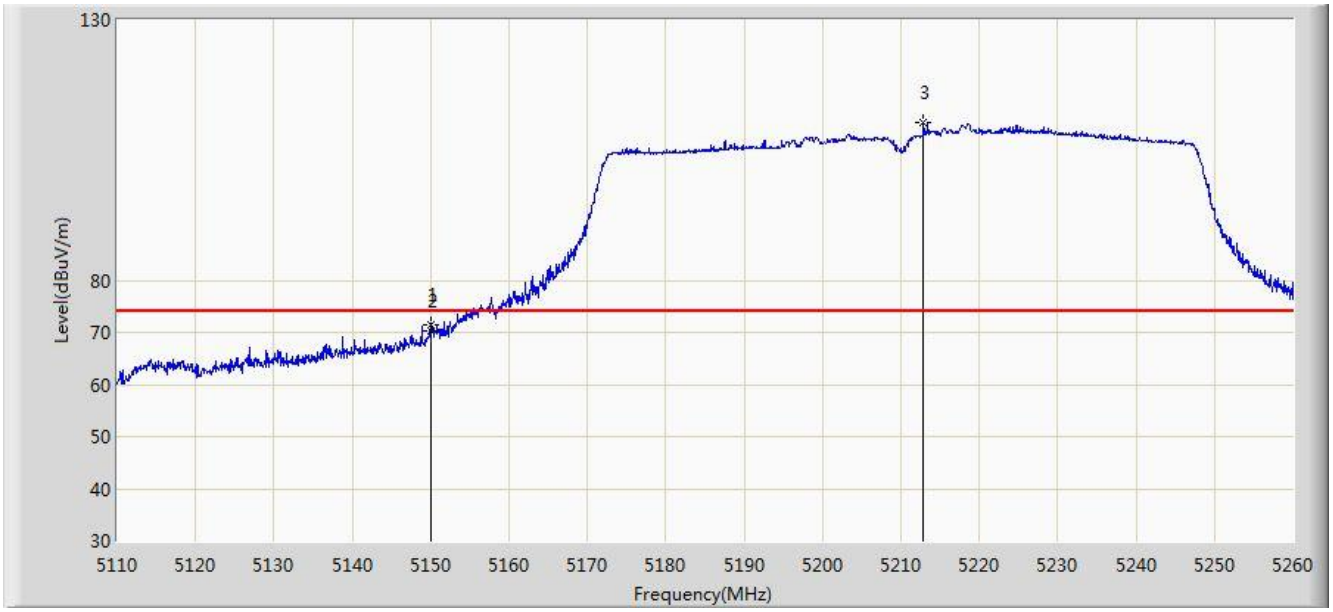


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.693	41.524	-8.307	54.000	4.170	AV
2			5226.025	75.817	71.896	N/A	N/A	3.921	AV

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

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

Site: AC1	Time: 2017/02/19 - 17:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

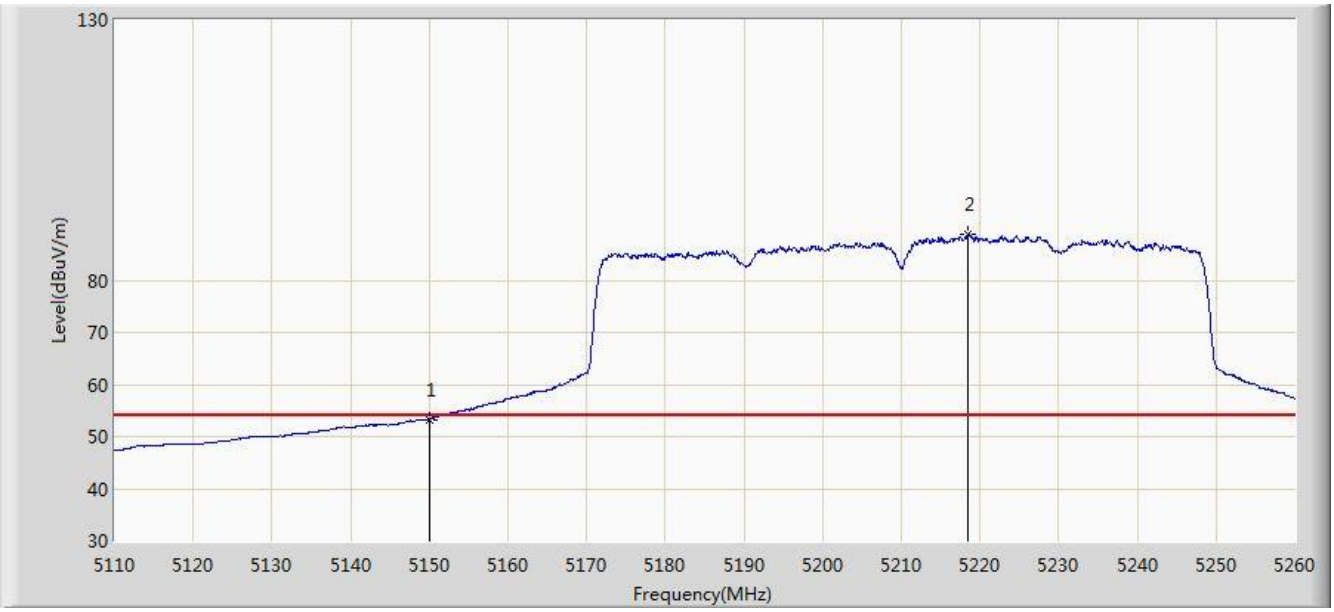


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.975	71.453	67.284	-2.547	74.000	4.170	PK
2			5150.000	70.353	66.184	-3.647	74.000	4.170	PK
3			5212.900	110.394	106.434	N/A	N/A	3.960	PK

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

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

Site: AC1	Time: 2017/02/19 - 17:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2	

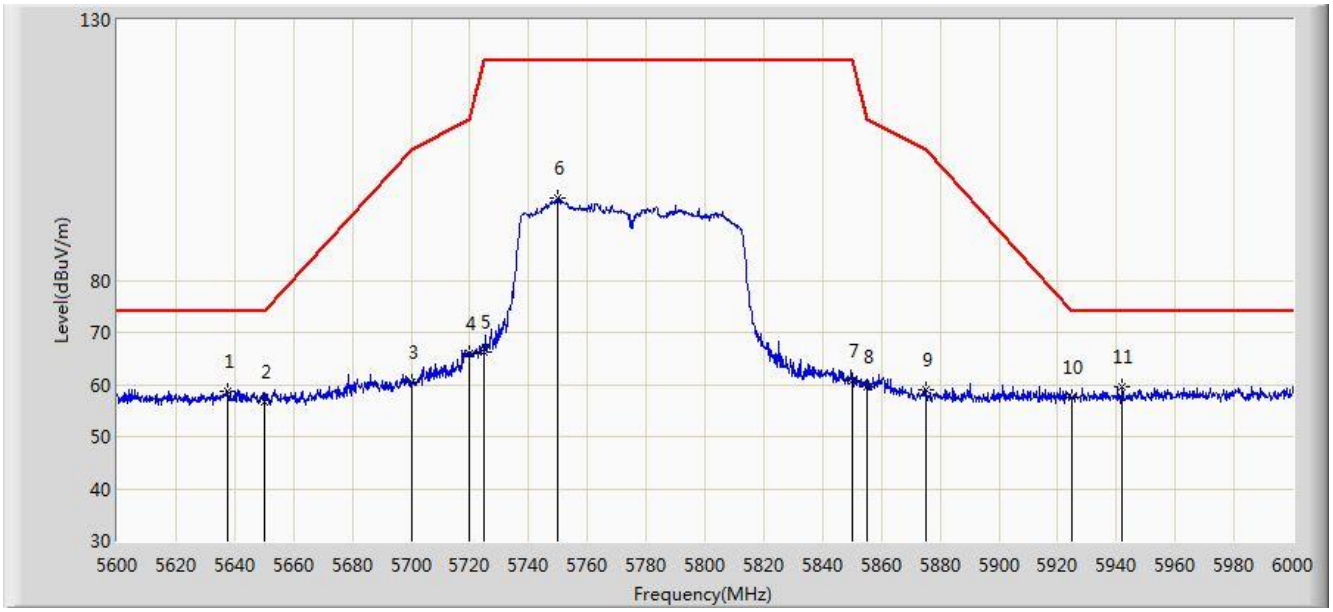


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.307	49.138	-0.693	54.000	4.170	AV
2			5218.525	88.767	84.824	N/A	N/A	3.943	AV

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

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

Site: AC1	Time: 2017/02/19 - 18:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2	

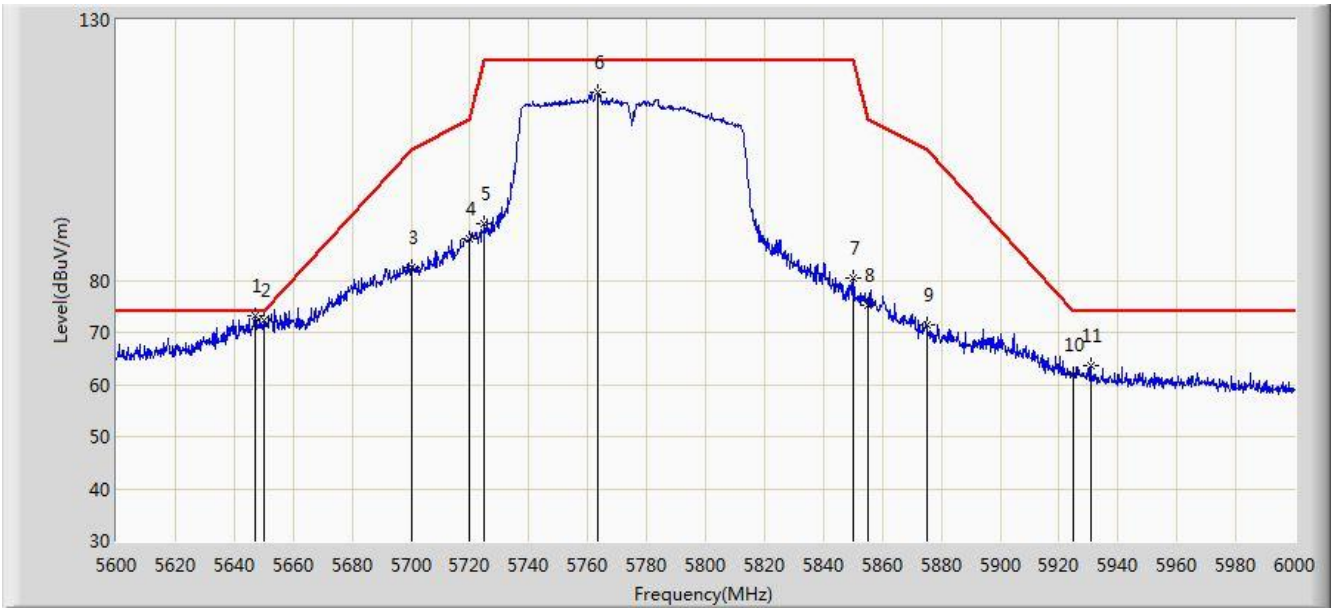


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5637.800	58.769	54.989	-15.231	74.000	3.780	PK
2			5650.000	56.648	51.977	-17.352	74.000	4.671	PK
3			5700.000	60.546	55.668	-44.654	105.200	4.878	PK
4			5720.000	65.829	60.832	-44.971	110.800	4.997	PK
5			5725.000	66.244	62.138	-55.956	122.200	4.105	PK
6			5749.800	95.757	90.575	N/A	N/A	5.182	PK
7			5850.000	60.627	54.901	-61.573	122.200	5.726	PK
8			5855.000	59.590	53.844	-51.210	110.800	5.746	PK
9			5875.000	58.929	53.109	-46.271	105.200	5.820	PK
10			5925.000	57.613	51.647	-16.387	74.000	5.967	PK
11			5942.000	59.685	53.677	-14.315	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: 2017/02/19 - 18:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2	

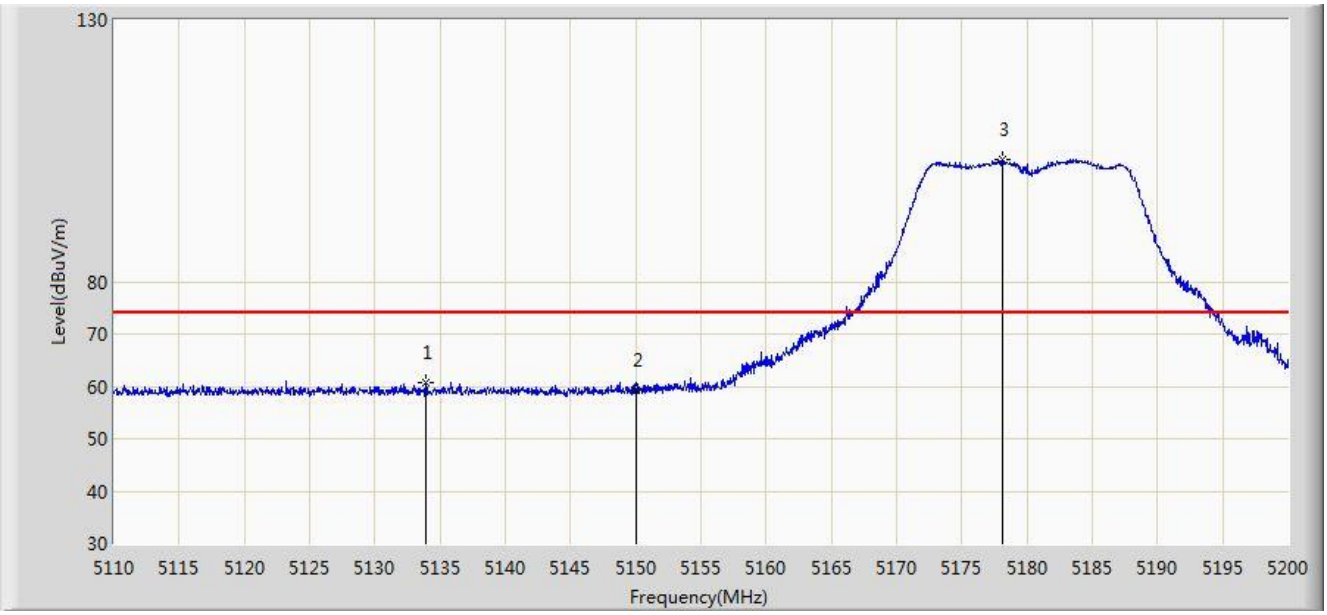


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.000	73.147	68.486	-0.853	74.000	4.661	PK
2			5650.000	72.347	67.676	-1.653	74.000	4.671	PK
3			5700.000	82.324	77.446	-22.876	105.200	4.878	PK
4			5720.000	87.947	82.950	-22.853	110.800	4.997	PK
5			5725.000	90.904	85.875	-31.296	122.200	5.029	PK
6			5763.600	115.953	110.695	N/A	N/A	5.258	PK
7			5850.000	80.311	74.585	-41.889	122.200	5.726	PK
8			5855.000	75.157	69.411	-35.643	110.800	5.746	PK
9			5875.000	71.353	65.533	-33.847	105.200	5.820	PK
10			5925.000	62.013	56.047	-11.987	74.000	5.967	PK
11			5930.600	63.745	57.765	-10.255	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: 2017/02/20 - 09:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2	

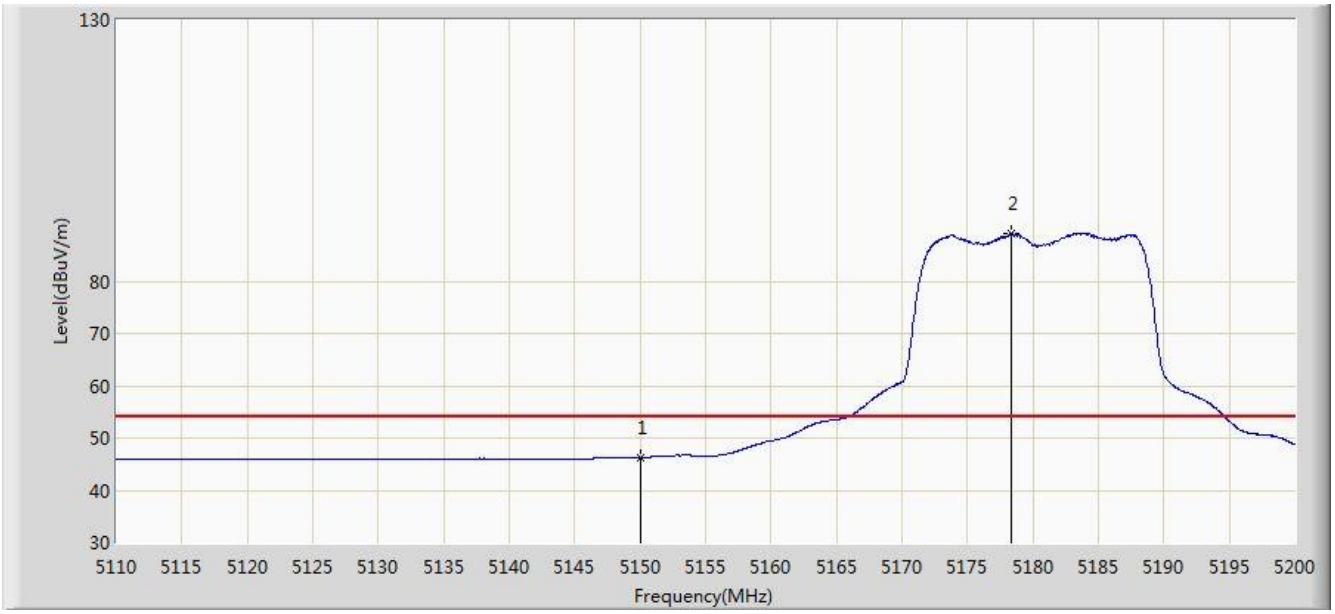


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.940	60.839	56.664	-13.161	74.000	4.175	PK
2			5150.000	59.188	55.019	-14.812	74.000	4.170	PK
3			5178.085	103.413	99.337	N/A	N/A	4.076	PK

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

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

Site: AC1	Time: 2017/02/20 - 10:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2	

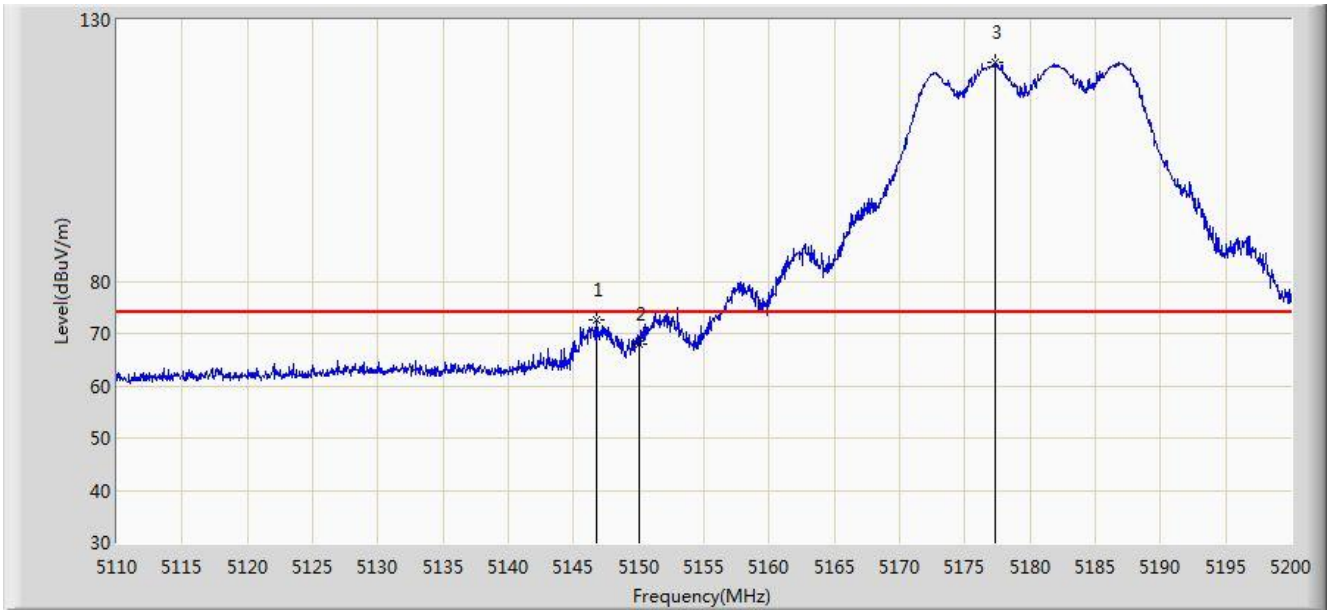


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.311	42.142	-7.689	54.000	4.170	AV
2			5178.355	89.208	85.133	N/A	N/A	4.074	AV

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: 2017/02/20 - 09:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2	

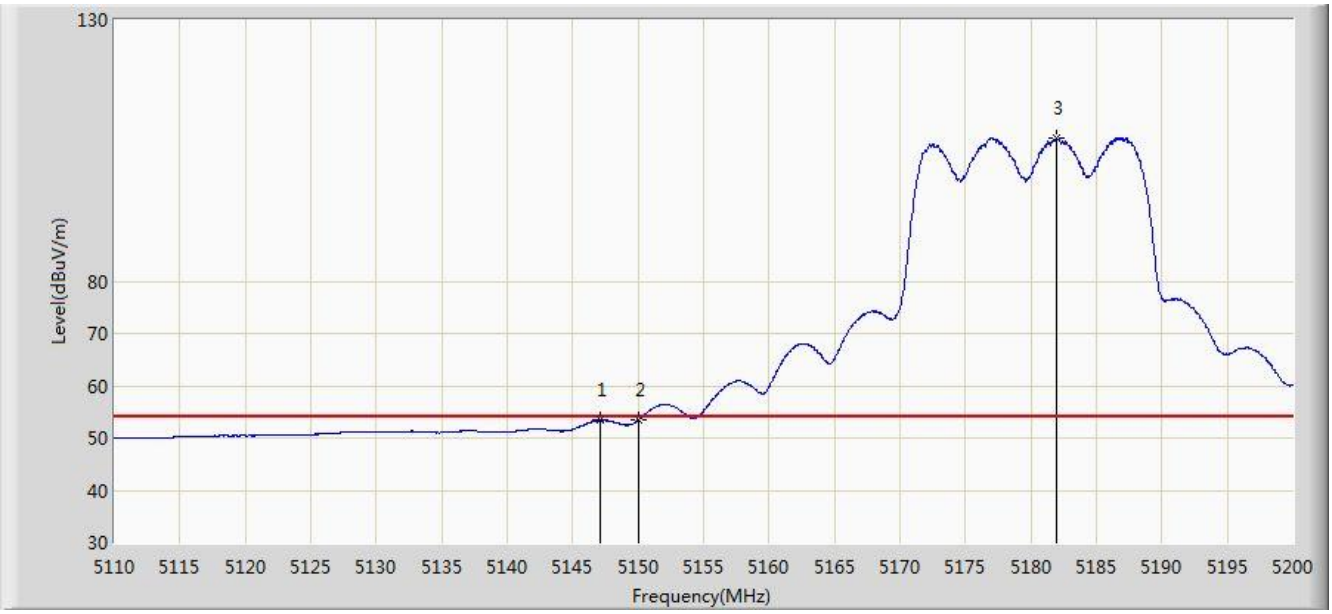


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.765	72.653	68.477	-1.347	74.000	4.176	PK
2			5150.000	67.864	63.695	-6.136	74.000	4.170	PK
3			5177.365	121.889	117.811	N/A	N/A	4.078	PK

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: 2017/02/20 - 09:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2	

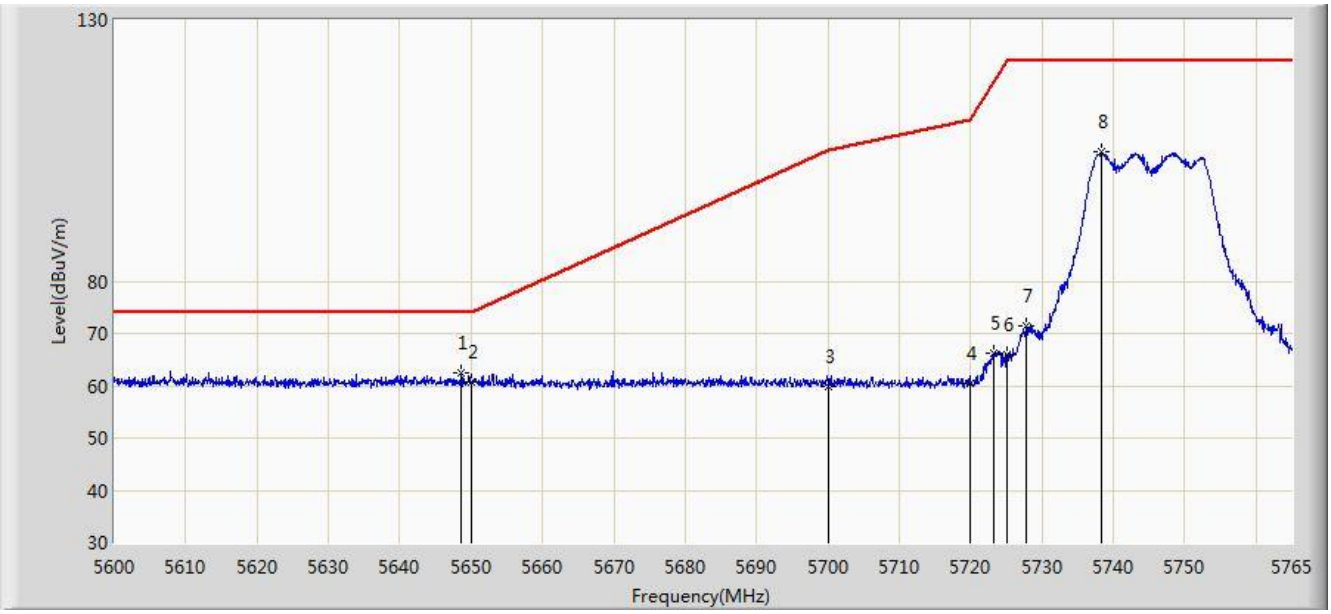


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.080	53.412	49.236	-0.588	54.000	4.176	AV
2			5150.000	53.450	49.281	-0.550	54.000	4.170	AV
3			5182.000	107.492	103.430	N/A	N/A	4.062	AV

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: 2017/02/20 - 11:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1 + 2	

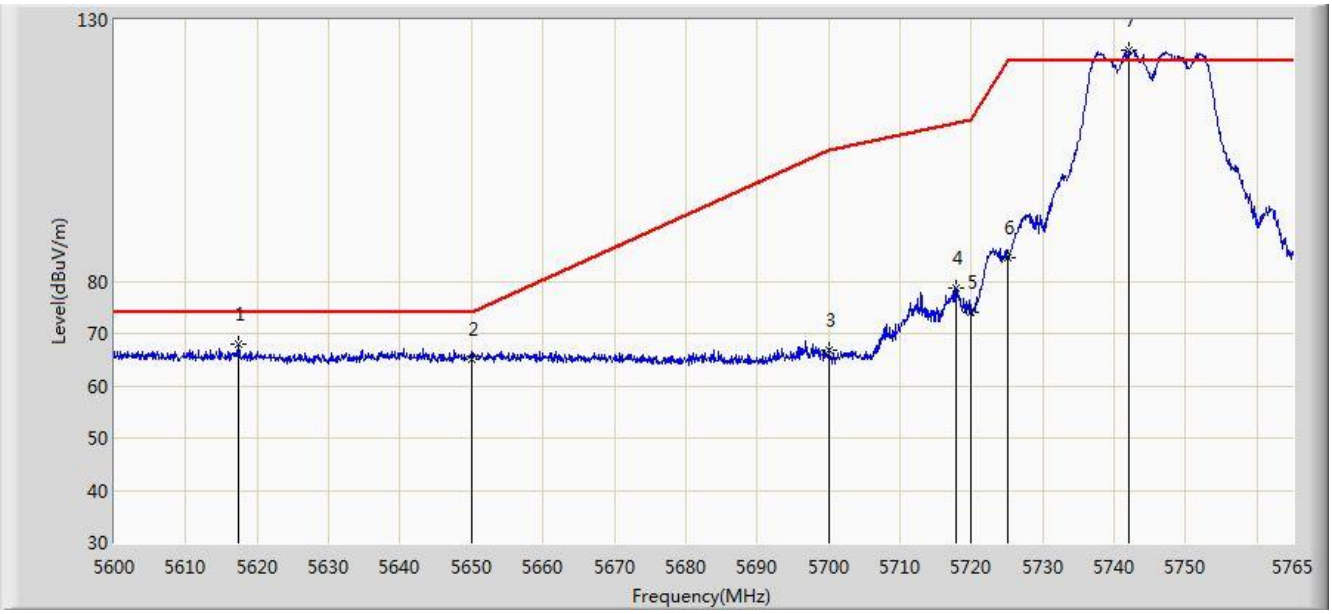


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5648.675	62.555	57.888	-11.445	74.000	4.666	PK
2			5650.000	60.686	56.015	-13.314	74.000	4.671	PK
3			5700.000	59.953	55.075	-45.247	105.200	4.878	PK
4			5720.000	60.447	55.450	-50.353	110.800	4.997	PK
5			5723.255	66.253	61.235	-51.970	118.223	5.018	PK
6			5725.000	65.949	60.920	-56.251	122.200	5.029	PK
7			5727.875	71.499	66.452	-50.701	122.200	5.047	PK
8			5738.353	104.776	99.662	N/A	N/A	5.115	PK

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

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

Site: AC1	Time: 2017/02/20 - 11:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1 + 2	

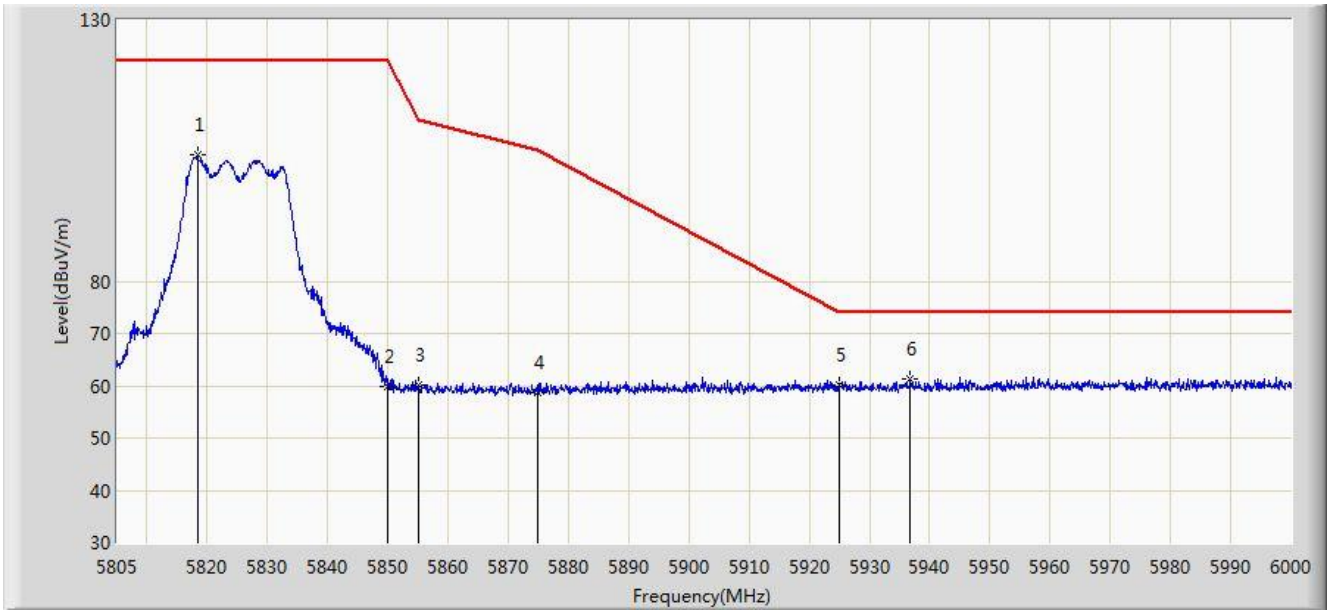


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5617.408	67.909	63.336	-6.091	74.000	4.572	PK
2			5650.000	65.029	60.358	-8.971	74.000	4.671	PK
3			5700.000	66.696	61.818	-38.504	105.200	4.878	PK
4			5717.893	78.636	73.653	-31.575	110.211	4.983	PK
5			5720.000	74.124	69.127	-36.676	110.800	4.997	PK
6			5725.000	84.358	79.329	-37.842	122.200	5.029	PK
7			5742.147	124.167	119.029	N/A	N/A	5.138	PK

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

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

Site: AC1	Time: 2017/02/20 - 11:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1 + 2	

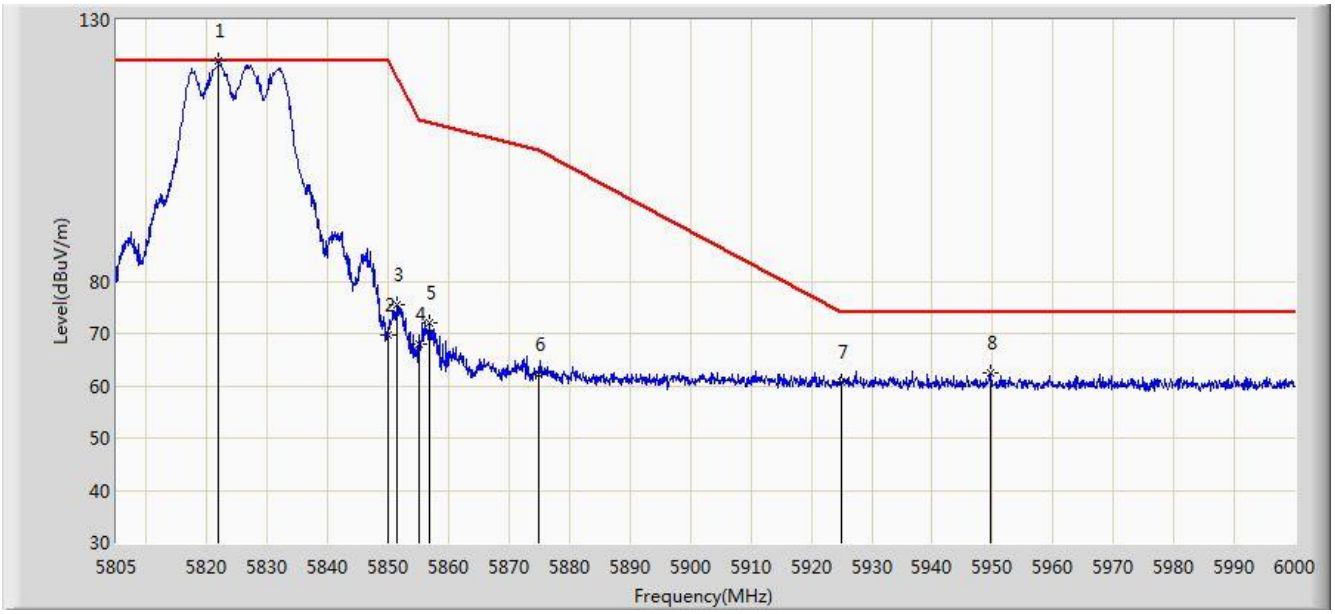


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5818.357	104.106	98.557	N/A	N/A	5.549	PK
2			5850.000	59.998	54.272	-62.202	122.200	5.726	PK
3			5855.000	60.085	54.339	-50.715	110.800	5.746	PK
4			5875.000	58.818	52.998	-46.382	105.200	5.820	PK
5			5925.000	60.211	54.245	-13.789	74.000	5.967	PK
6			5936.723	61.443	55.447	-12.557	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: 2017/02/20 - 11:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1 + 2	

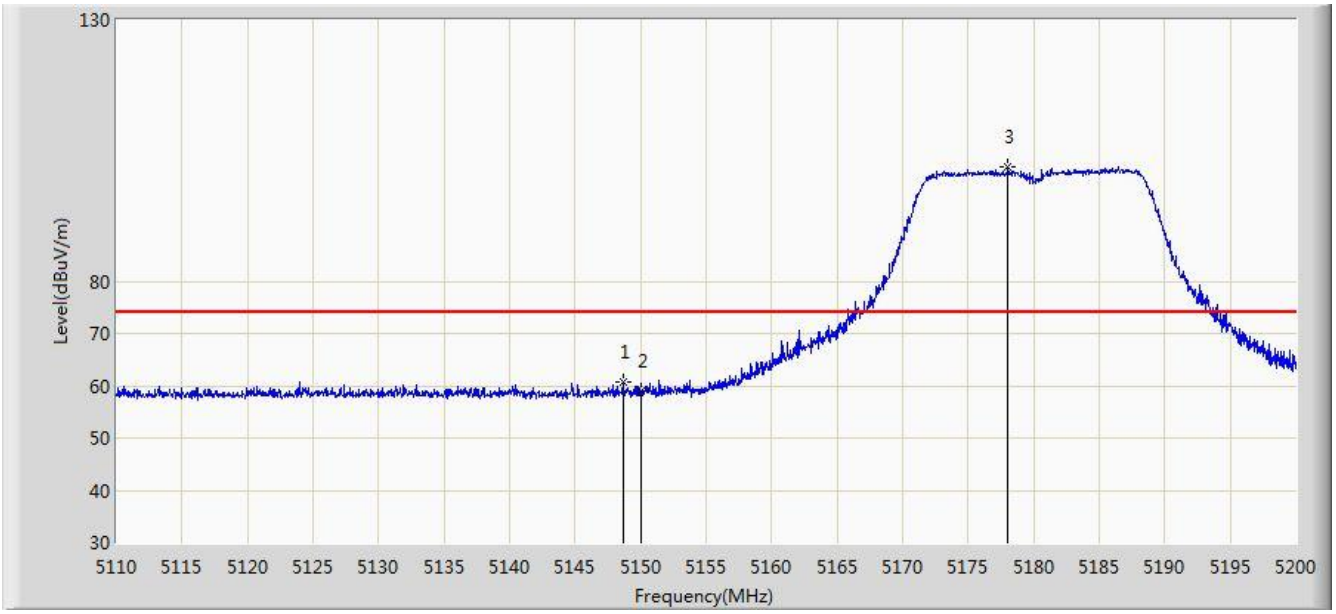


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.868	122.037	116.467	N/A	N/A	5.570	PK
2			5850.000	69.802	64.076	-52.398	122.200	5.726	PK
3			5851.507	75.378	69.646	-43.385	118.763	5.731	PK
4			5855.000	68.062	62.316	-42.738	110.800	5.746	PK
5			5856.870	72.170	66.416	-38.106	110.276	5.754	PK
6			5875.000	62.286	56.466	-42.914	105.200	5.820	PK
7			5925.000	60.605	54.639	-13.395	74.000	5.967	PK
8			5949.690	62.501	56.476	-11.499	74.000	6.025	PK

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

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

Site: AC1	Time: 2017/02/20 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2	

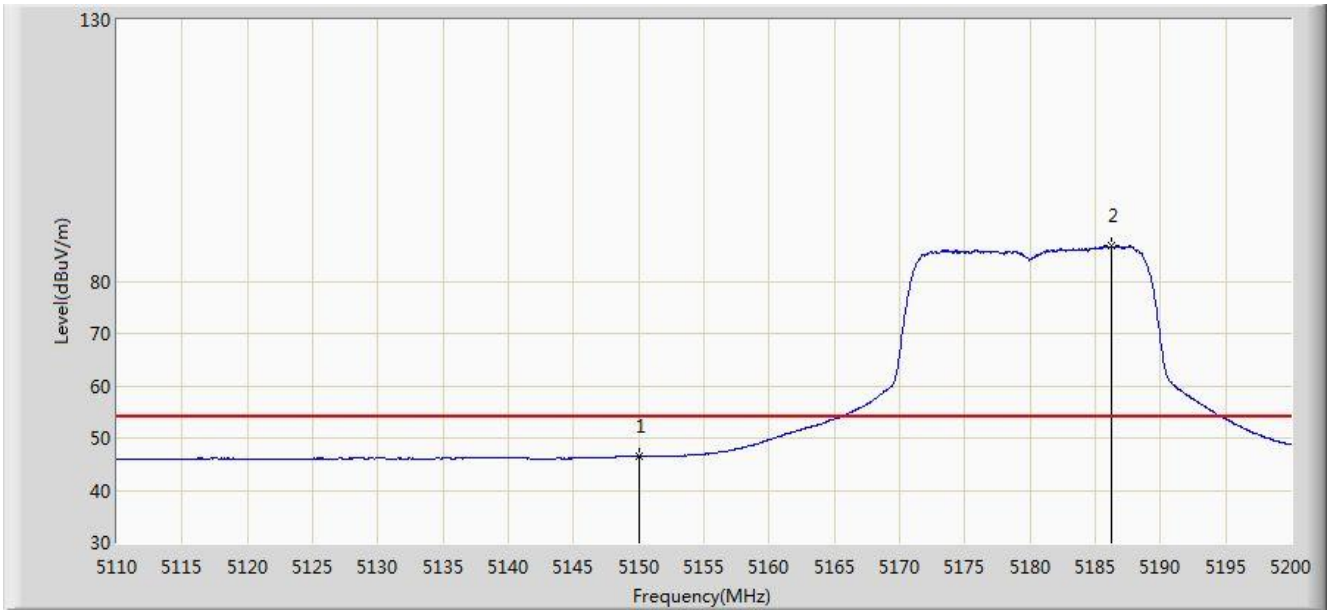


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.655	60.593	56.419	-13.407	74.000	4.174	PK
2			5150.000	58.914	54.745	-15.086	74.000	4.170	PK
3			5178.040	101.822	97.746	N/A	N/A	4.077	PK

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

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

Site: AC1	Time: 2017/02/20 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2	

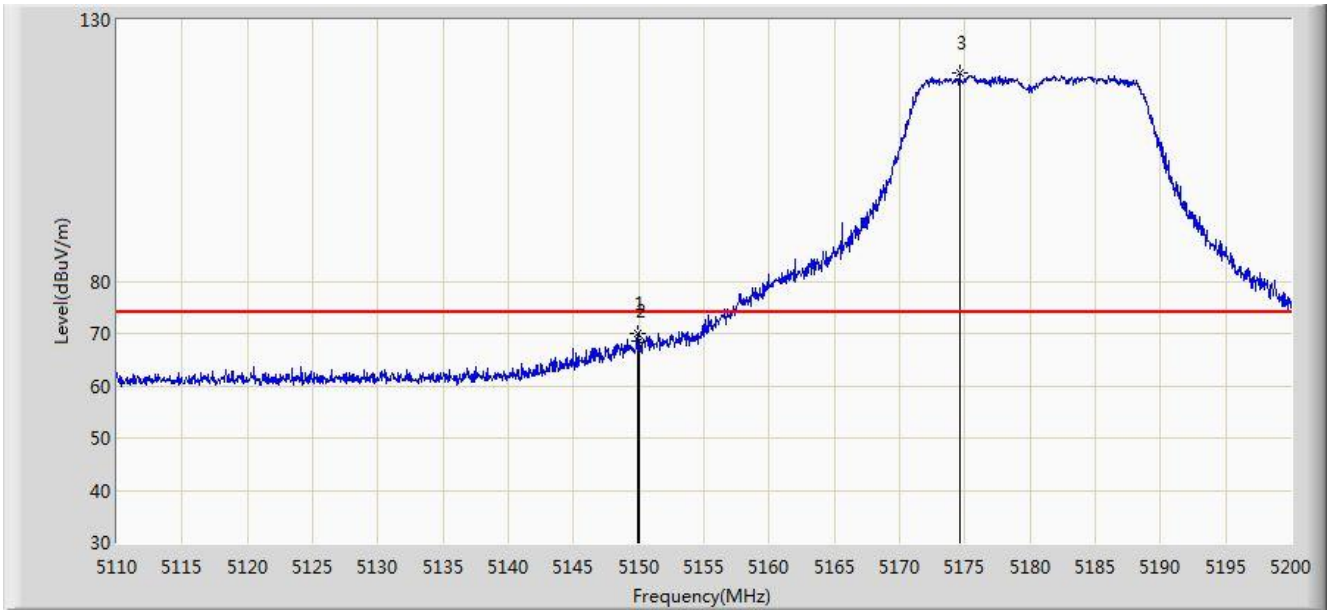


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.523	42.354	-7.477	54.000	4.170	AV
2			5186.185	86.682	82.635	N/A	N/A	4.047	AV

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

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

Site: AC1	Time: 2017/02/20 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2	

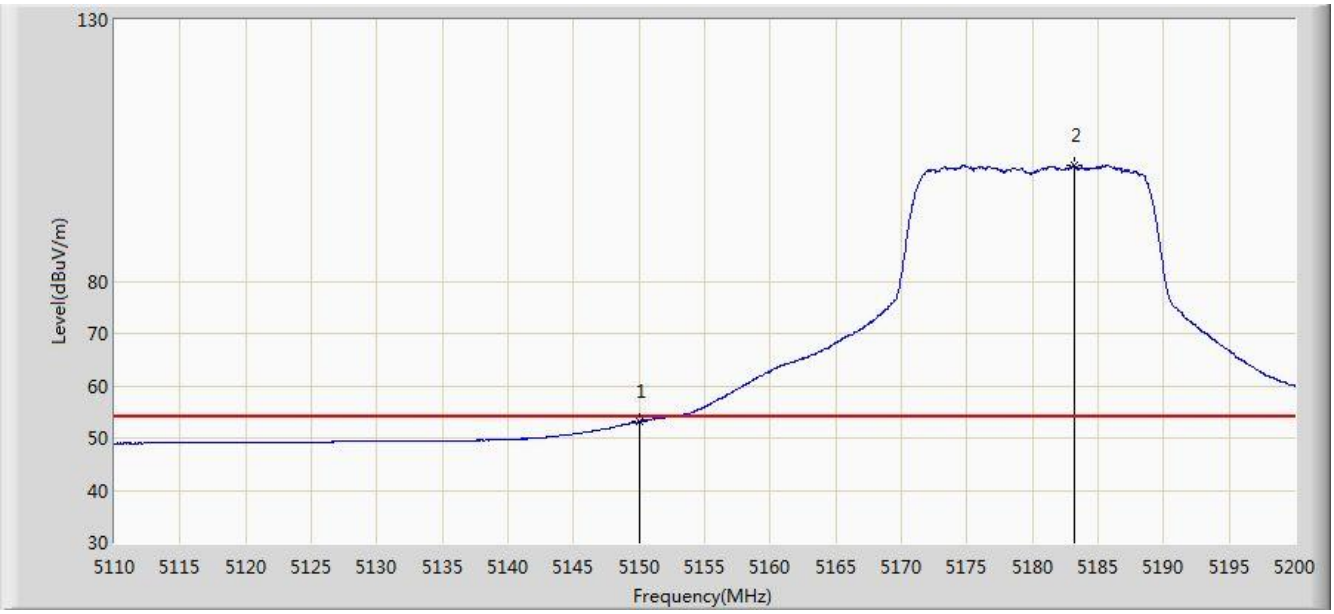


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	70.102	65.932	-3.898	74.000	4.170	PK
2			5150.000	68.609	64.440	-5.391	74.000	4.170	PK
3			5174.575	119.798	115.710	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2017/02/20 - 11:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 + 2	

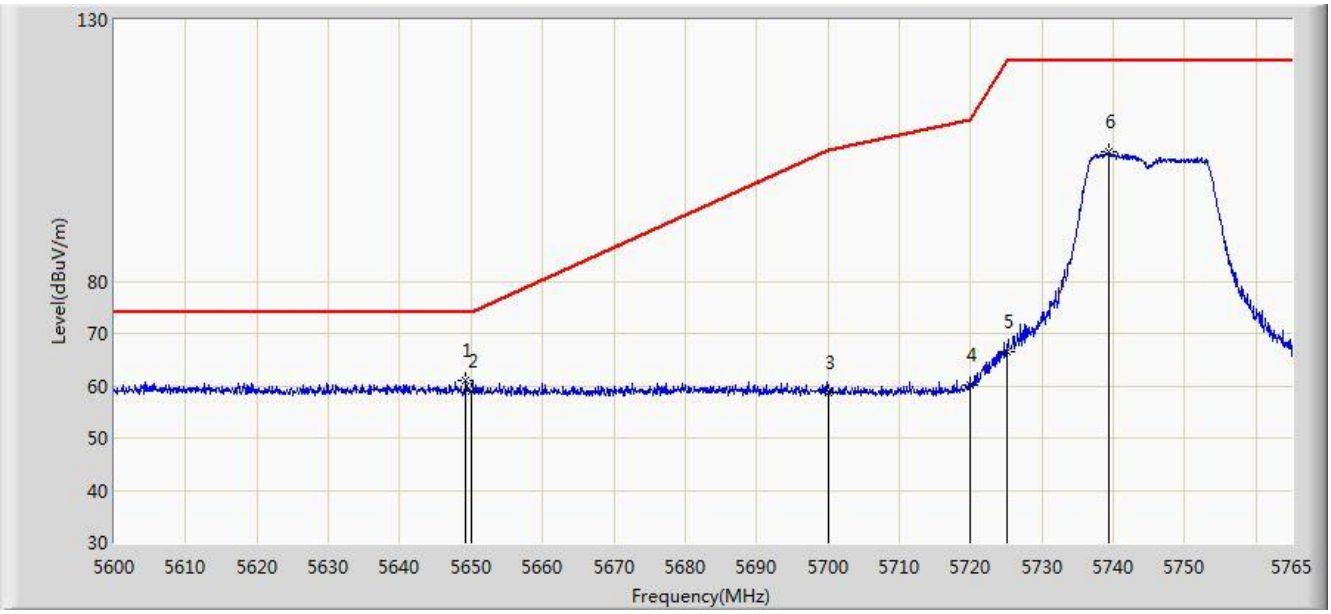


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.165	48.996	-0.835	54.000	4.170	AV
2			5183.215	102.221	98.164	N/A	N/A	4.057	AV

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

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

Site: AC1	Time: 2017/02/20 - 13:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 + 2	

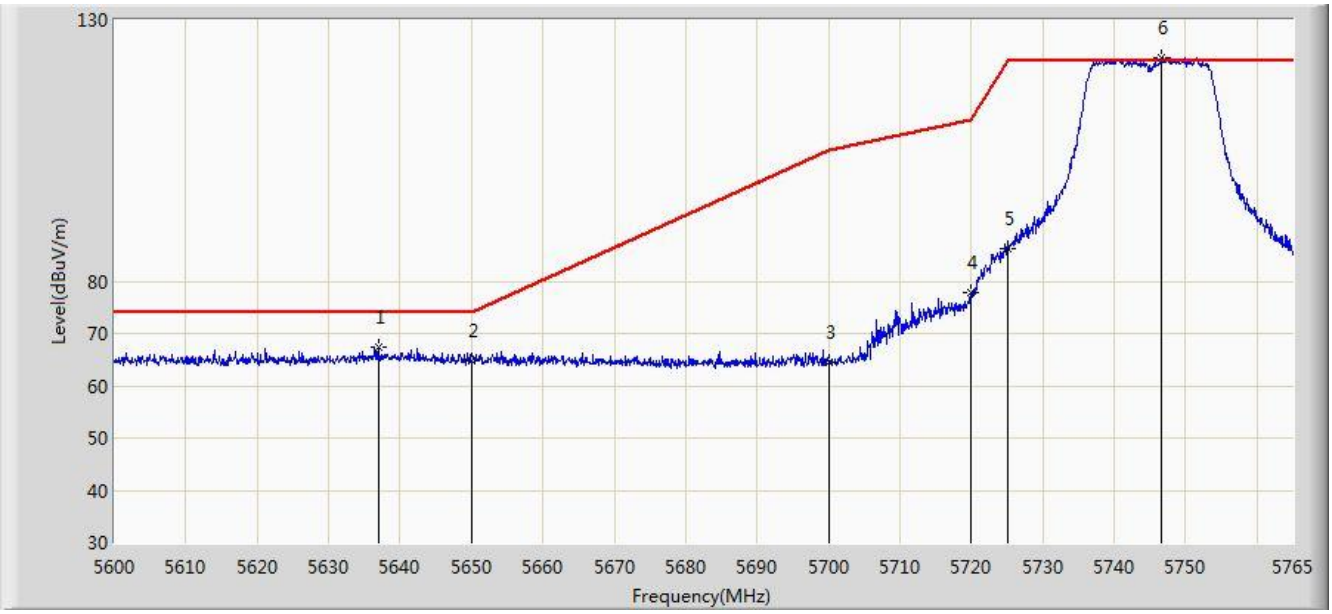


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5649.252	61.058	56.390	-12.942	74.000	4.669	PK
2			5650.000	58.924	54.253	-15.076	74.000	4.671	PK
3			5700.000	58.662	53.784	-46.538	105.200	4.878	PK
4			5720.000	60.077	55.080	-50.723	110.800	4.997	PK
5			5725.000	66.494	61.465	-55.706	122.200	5.029	PK
6			5739.425	104.735	99.614	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: 2017/02/20 - 13:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 + 2	

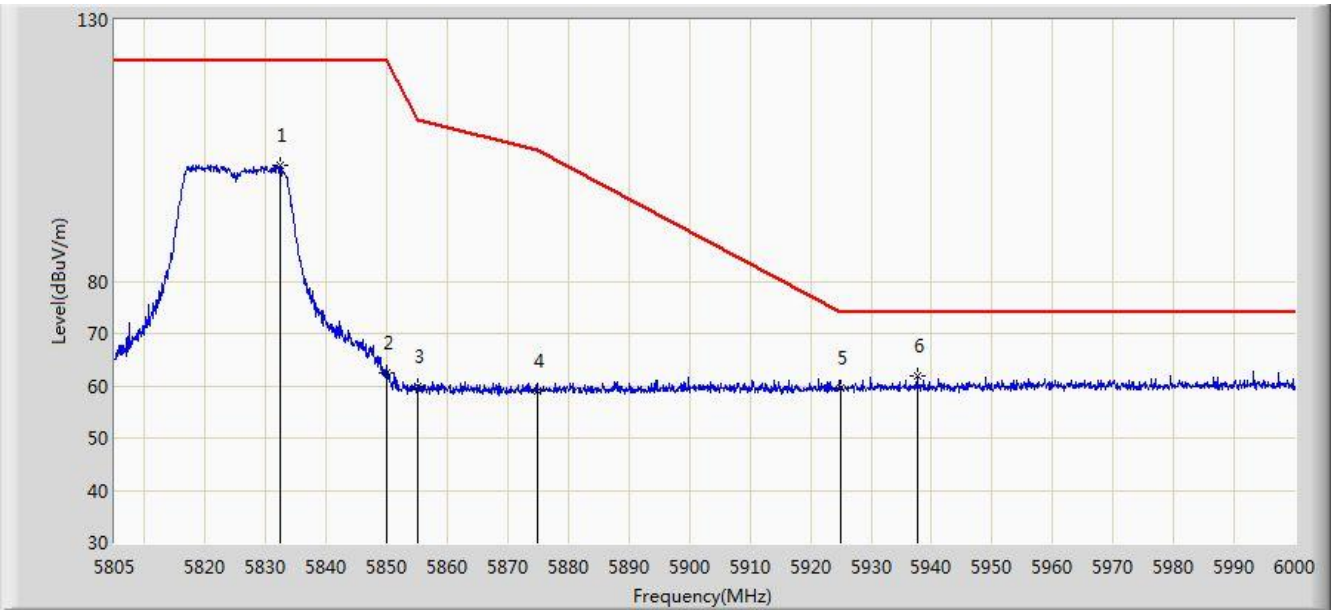


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.960	67.316	62.687	-6.684	74.000	4.628	PK
2			5650.000	64.805	60.134	-9.195	74.000	4.671	PK
3			5700.000	64.471	59.593	-40.729	105.200	4.878	PK
4			5720.000	77.778	72.781	-33.022	110.800	4.997	PK
5			5725.000	86.088	81.059	-36.112	122.200	5.029	PK
6			5746.520	122.851	117.687	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: 2017/02/20 - 13:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 + 2	

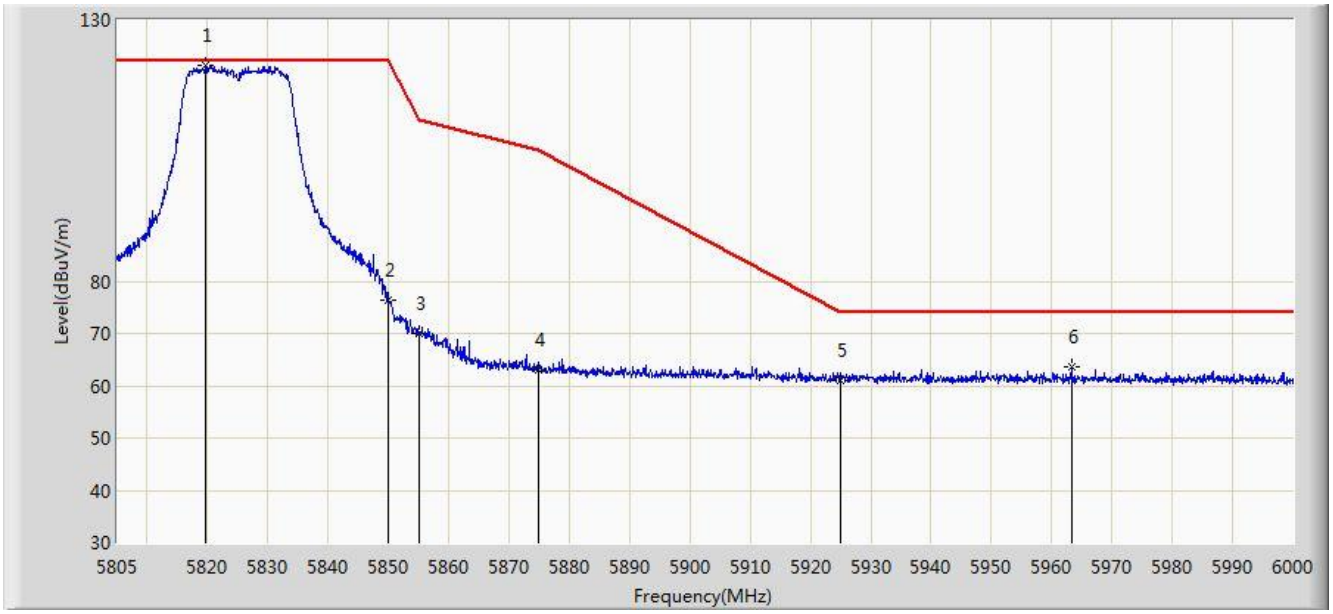


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5832.397	102.274	96.643	N/A	N/A	5.631	PK
2			5850.000	62.366	56.640	-59.834	122.200	5.726	PK
3			5855.000	59.942	54.196	-50.858	110.800	5.746	PK
4			5875.000	59.129	53.309	-46.071	105.200	5.820	PK
5			5925.000	59.699	53.733	-14.301	74.000	5.967	PK
6			5937.600	61.812	55.814	-12.188	74.000	5.998	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: 2017/02/20 - 13:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 + 2	

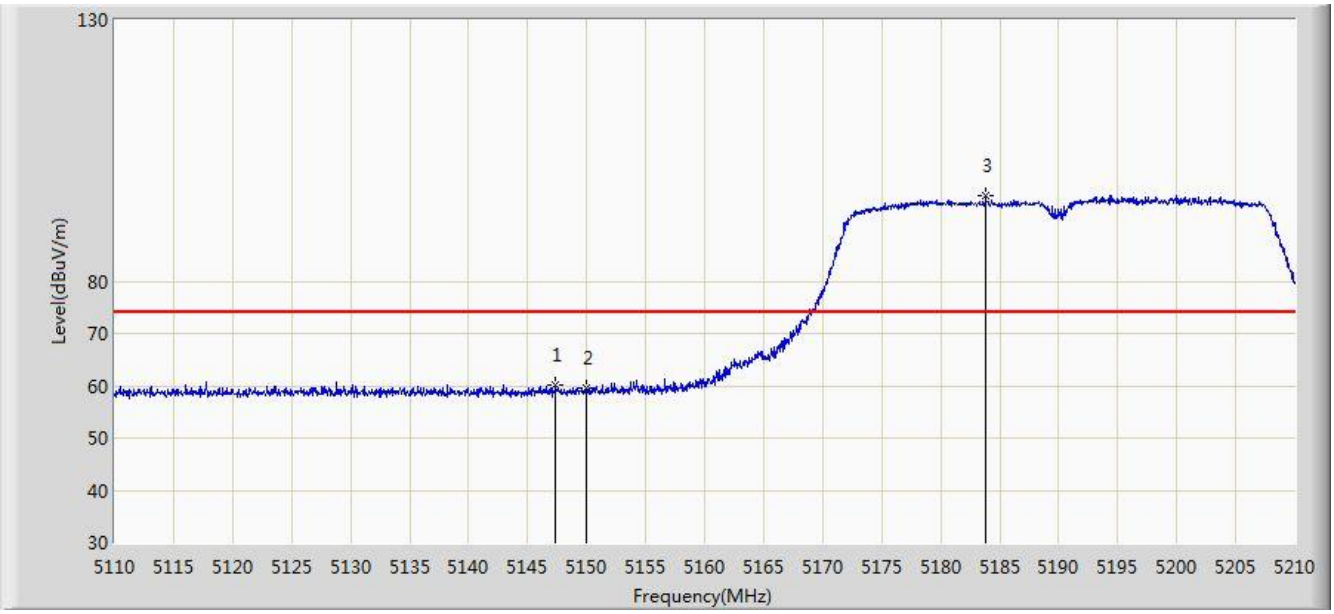


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.723	121.258	115.701	N/A	N/A	5.558	PK
2			5850.000	76.323	70.597	-45.877	122.200	5.726	PK
3			5855.000	70.129	64.383	-40.671	110.800	5.746	PK
4			5875.000	63.171	57.351	-42.029	105.200	5.820	PK
5			5925.000	61.073	55.107	-12.927	74.000	5.967	PK
6			5963.243	63.632	57.583	-10.368	74.000	6.049	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: 2017/02/20 - 13:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2	

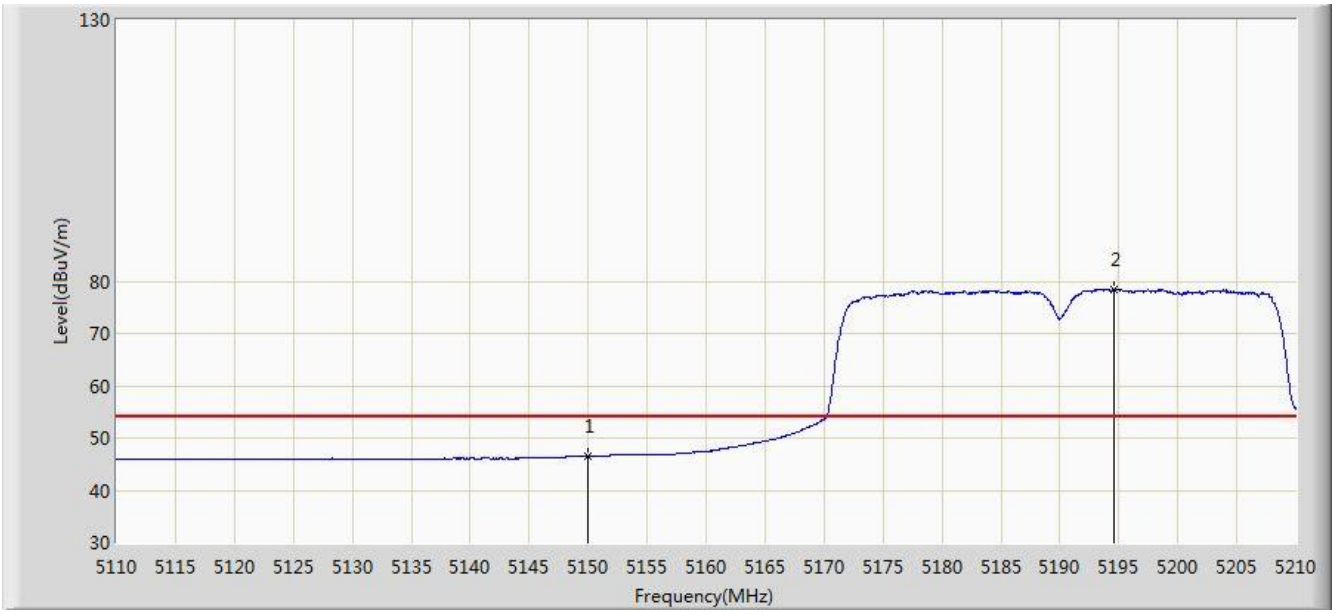


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.350	60.212	56.036	-13.788	74.000	4.175	PK
2			5150.000	59.598	55.429	-14.402	74.000	4.170	PK
3			5183.800	96.318	92.263	N/A	N/A	4.056	PK

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

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

Site: AC1	Time: 2017/02/20 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2	

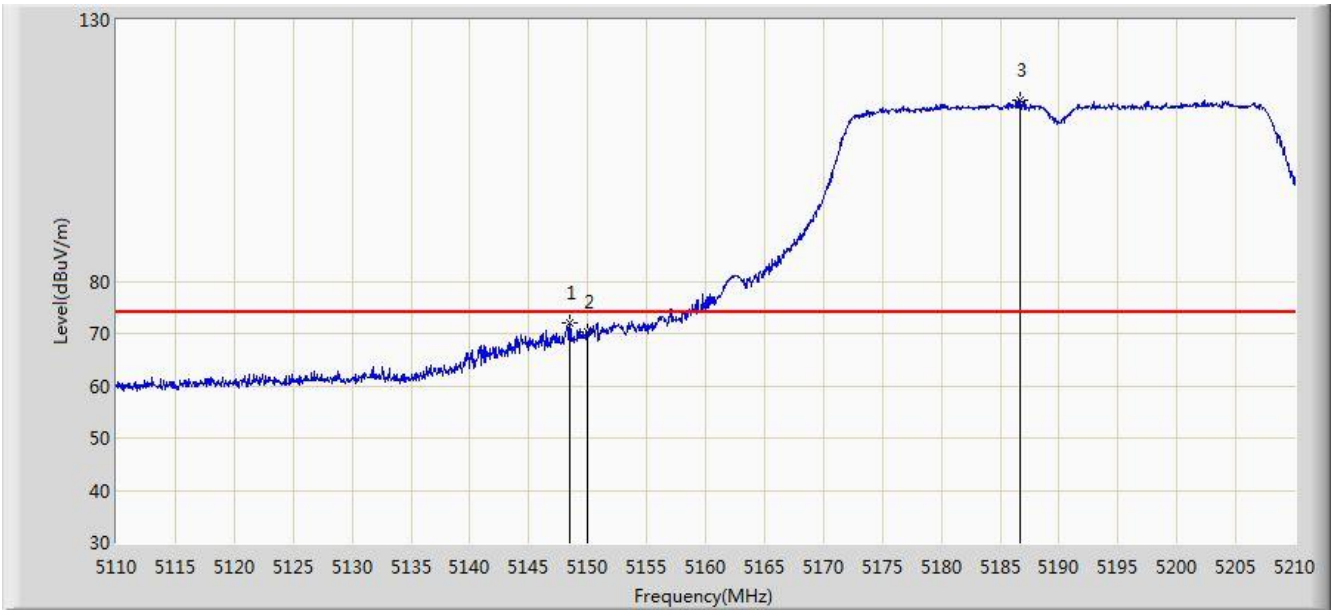


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.431	42.262	-7.569	54.000	4.170	AV
2			5194.550	78.454	74.437	N/A	N/A	4.017	AV

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

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

Site: AC1	Time: 2017/02/20 - 13:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2	

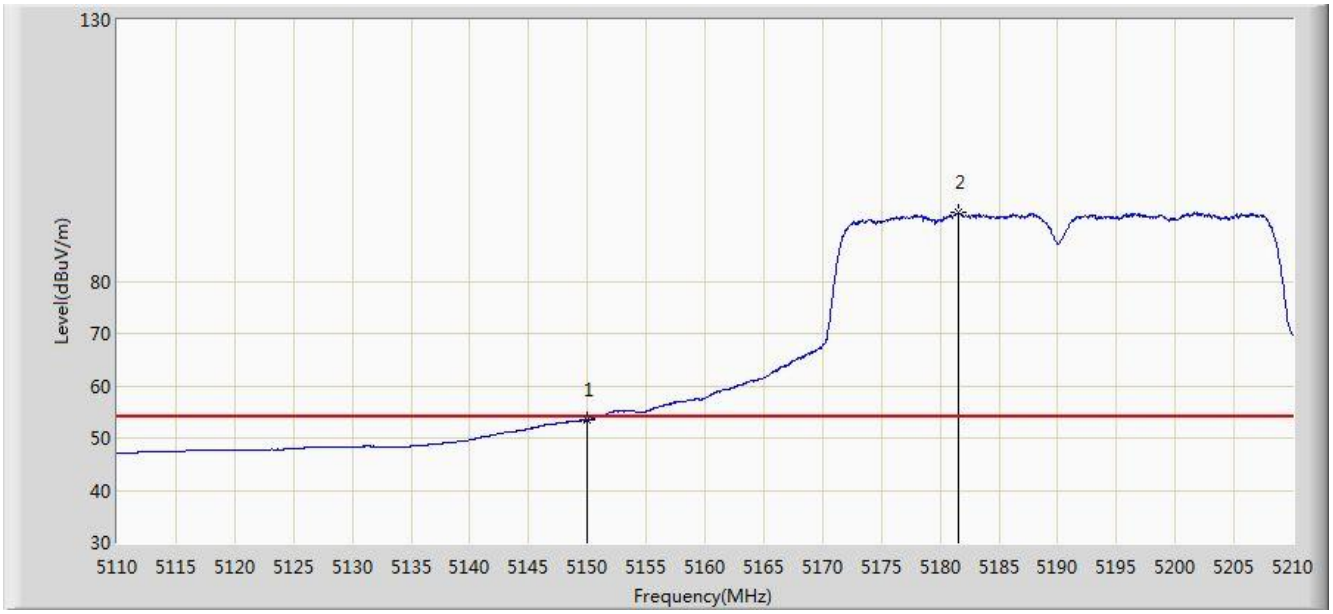


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.500	71.996	67.822	-2.004	74.000	4.173	PK
2			5150.000	70.433	66.264	-3.567	74.000	4.170	PK
3			5186.750	114.767	110.722	N/A	N/A	4.045	PK

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: 2017/02/20 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 + 2	

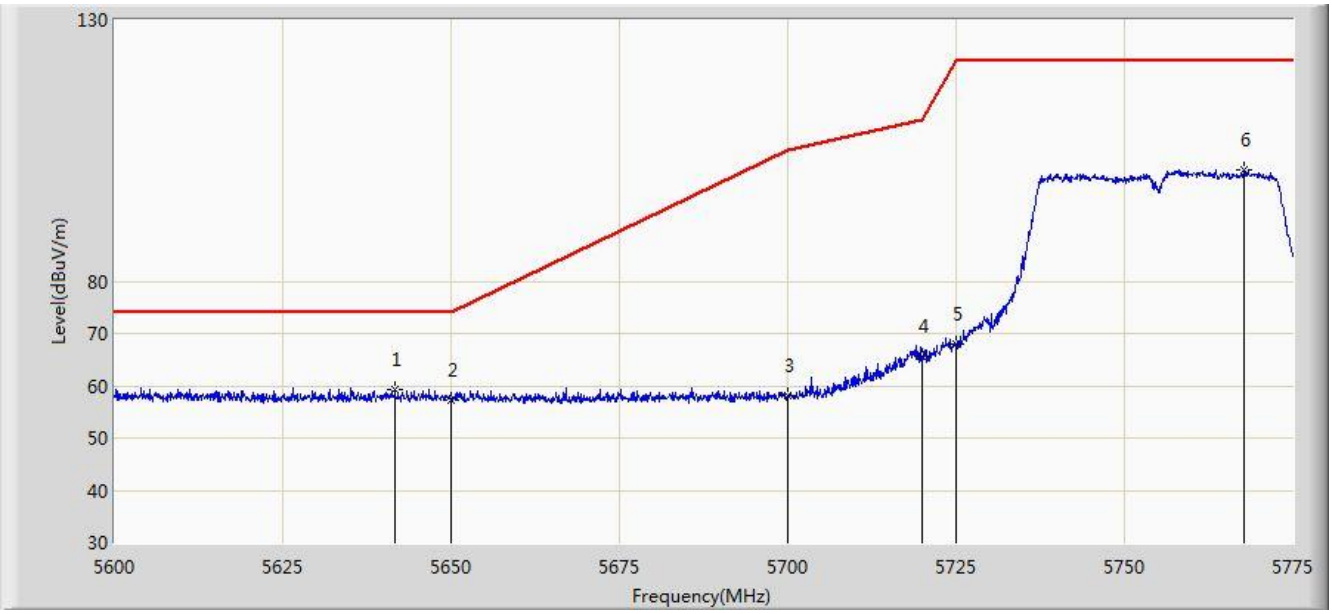


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.463	49.294	-0.537	54.000	4.170	AV
2			5181.550	93.098	89.035	N/A	N/A	4.064	AV

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

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

Site: AC1	Time: 2017/02/20 - 14:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 + 2	

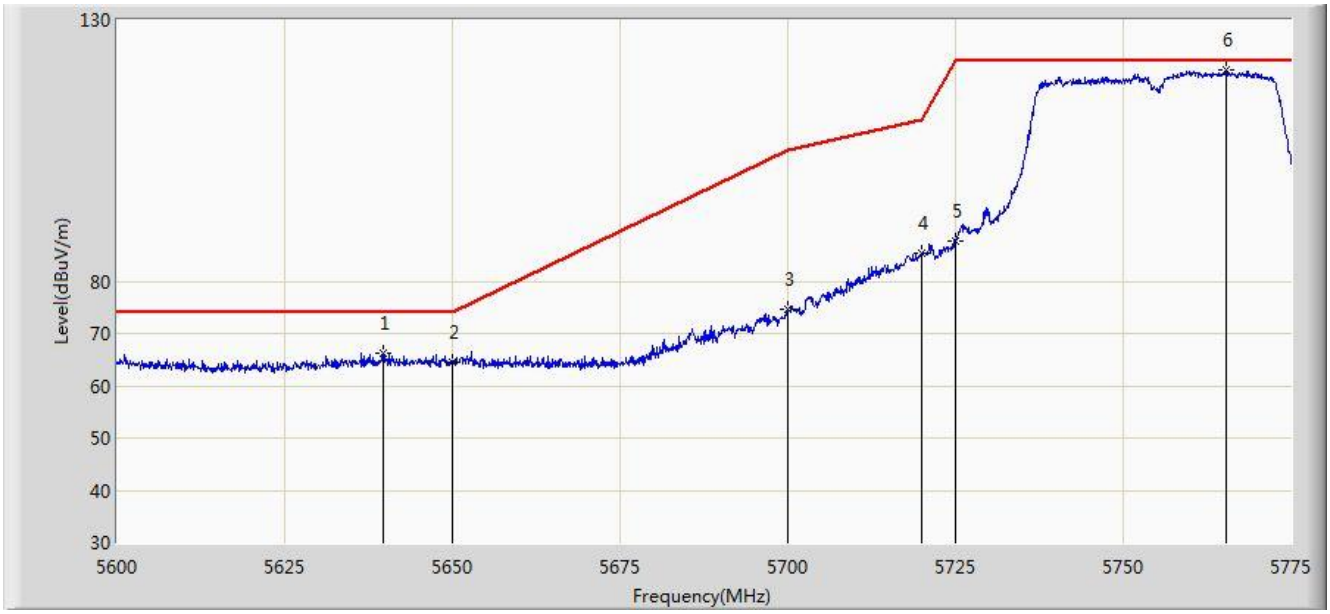


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.650	59.368	54.725	-14.632	74.000	4.643	PK
2			5650.000	57.332	52.661	-16.668	74.000	4.671	PK
3			5700.000	58.044	53.166	-47.156	105.200	4.878	PK
4			5720.000	65.589	60.592	-45.211	110.800	4.997	PK
5			5725.000	68.060	63.031	-54.140	122.200	5.029	PK
6			5767.825	101.295	96.015	N/A	N/A	5.280	PK

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

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

Site: AC1	Time: 2017/02/20 - 14:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 + 2	

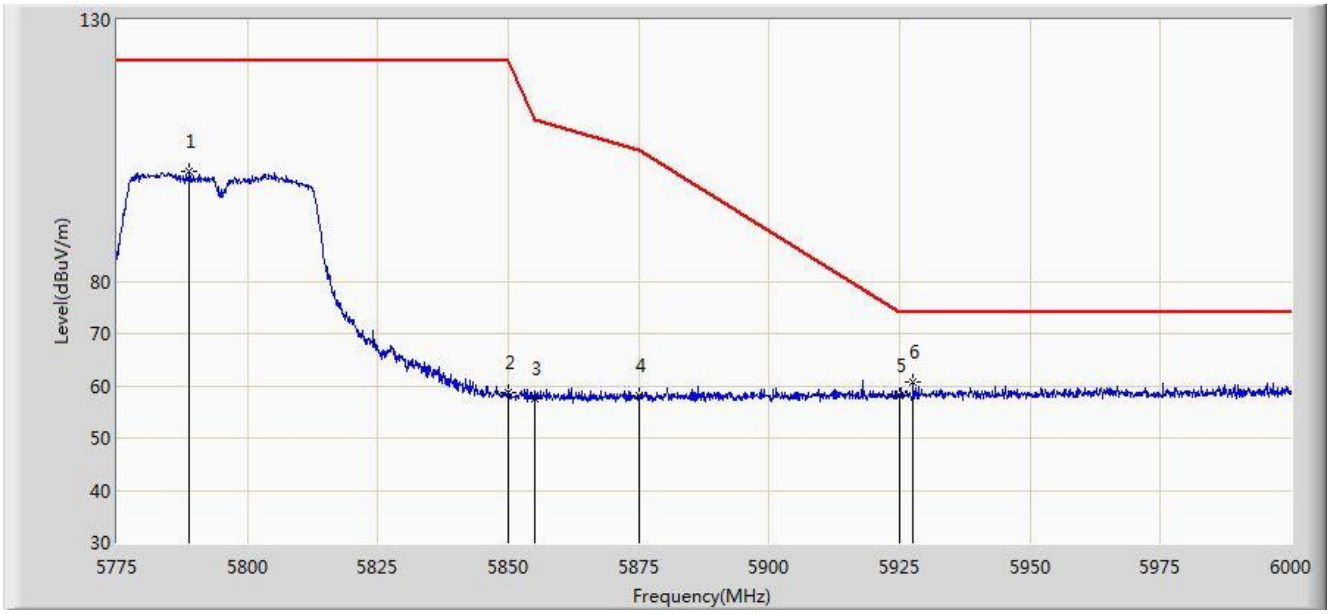


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.725	66.148	61.511	-7.852	74.000	4.638	PK
2			5650.000	64.629	59.958	-9.371	74.000	4.671	PK
3			5700.000	74.518	69.640	-30.682	105.200	4.878	PK
4			5720.000	85.288	80.291	-25.512	110.800	4.997	PK
5			5725.000	87.818	82.789	-34.382	122.200	5.029	PK
6			5765.288	120.291	115.024	N/A	N/A	5.267	PK

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

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

Site: AC1	Time: 2017/02/20 - 14:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 + 2	

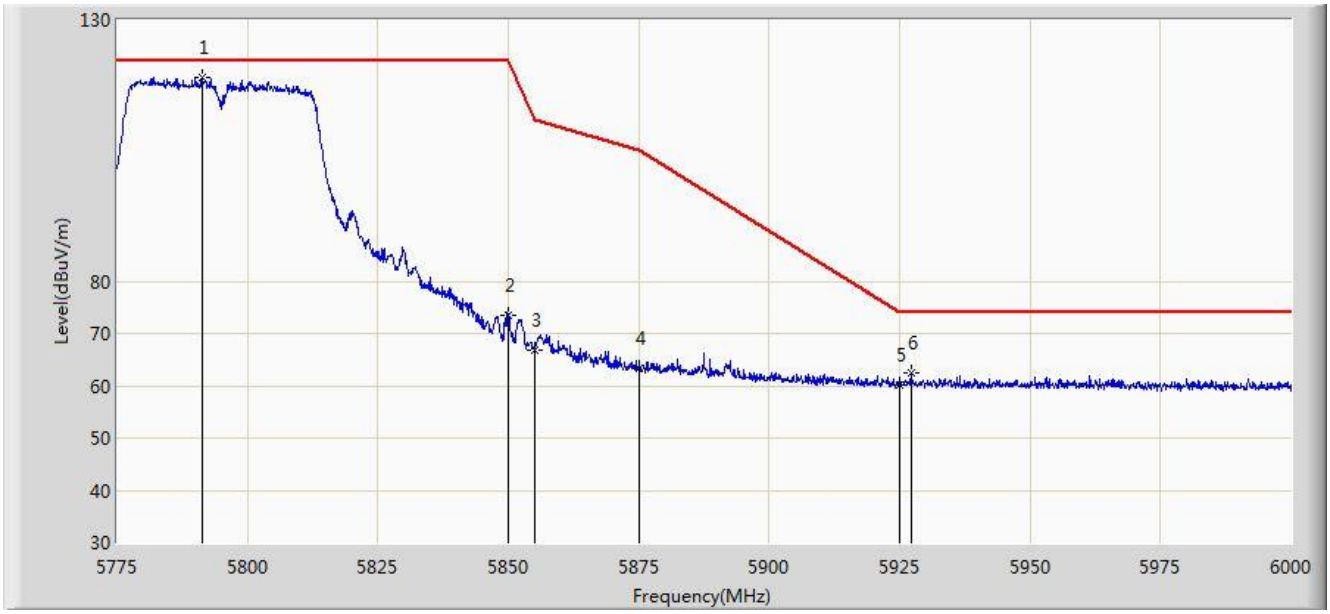


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5788.837	101.039	95.653	N/A	N/A	5.386	PK
2			5850.000	58.648	52.922	-63.552	122.200	5.726	PK
3			5855.000	57.476	51.730	-53.324	110.800	5.746	PK
4			5875.000	58.059	52.239	-47.141	105.200	5.820	PK
5			5925.000	58.179	52.213	-15.821	74.000	5.967	PK
6			5927.663	60.656	54.683	-13.344	74.000	5.974	PK

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

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

Site: AC1	Time: 2017/02/20 - 14:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 + 2	

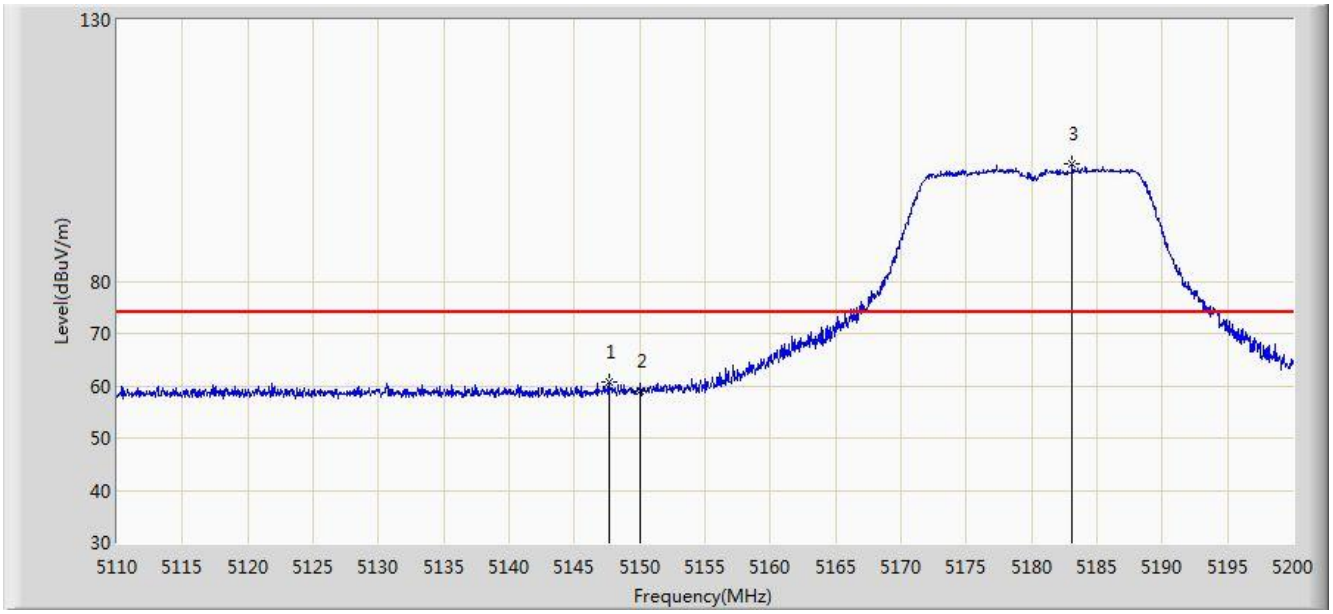


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.312	119.032	113.634	N/A	N/A	5.399	PK
2			5850.000	73.484	67.758	-48.716	122.200	5.726	PK
3			5855.000	66.755	61.009	-44.045	110.800	5.746	PK
4			5875.000	63.225	57.405	-41.975	105.200	5.820	PK
5			5925.000	60.285	54.319	-13.715	74.000	5.967	PK
6			5927.212	62.517	56.545	-11.483	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: 2017/02/20 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2	

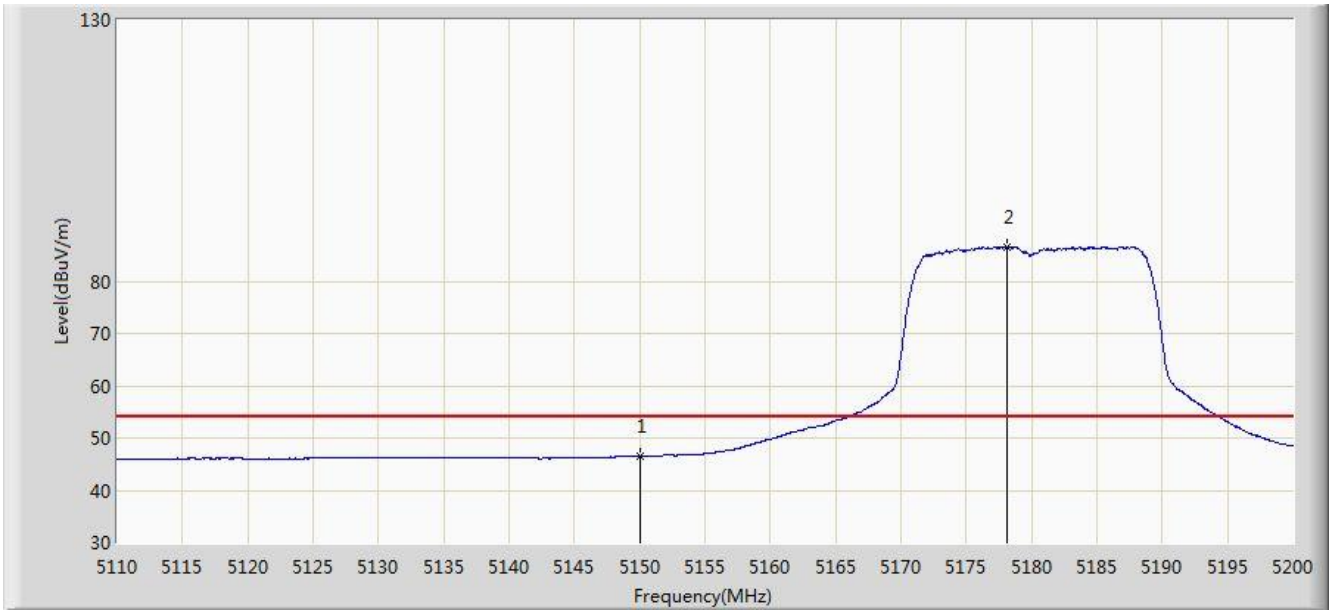


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.665	60.625	56.449	-13.375	74.000	4.176	PK
2			5150.000	59.129	54.960	-14.871	74.000	4.170	PK
3			5183.125	102.378	98.320	N/A	N/A	4.057	PK

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: 2017/02/20 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2	

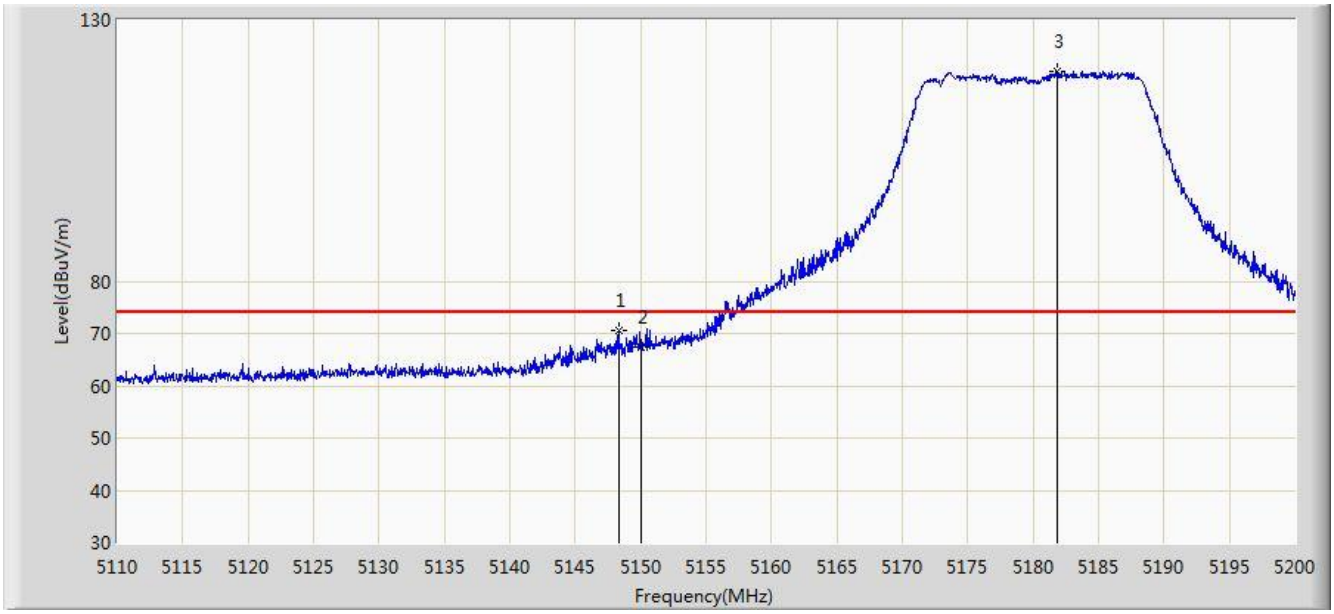


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.566	42.397	-7.434	54.000	4.170	AV
2			5178.175	86.613	82.538	N/A	N/A	4.075	AV

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

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

Site: AC1	Time: 2017/02/20 - 14:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2	

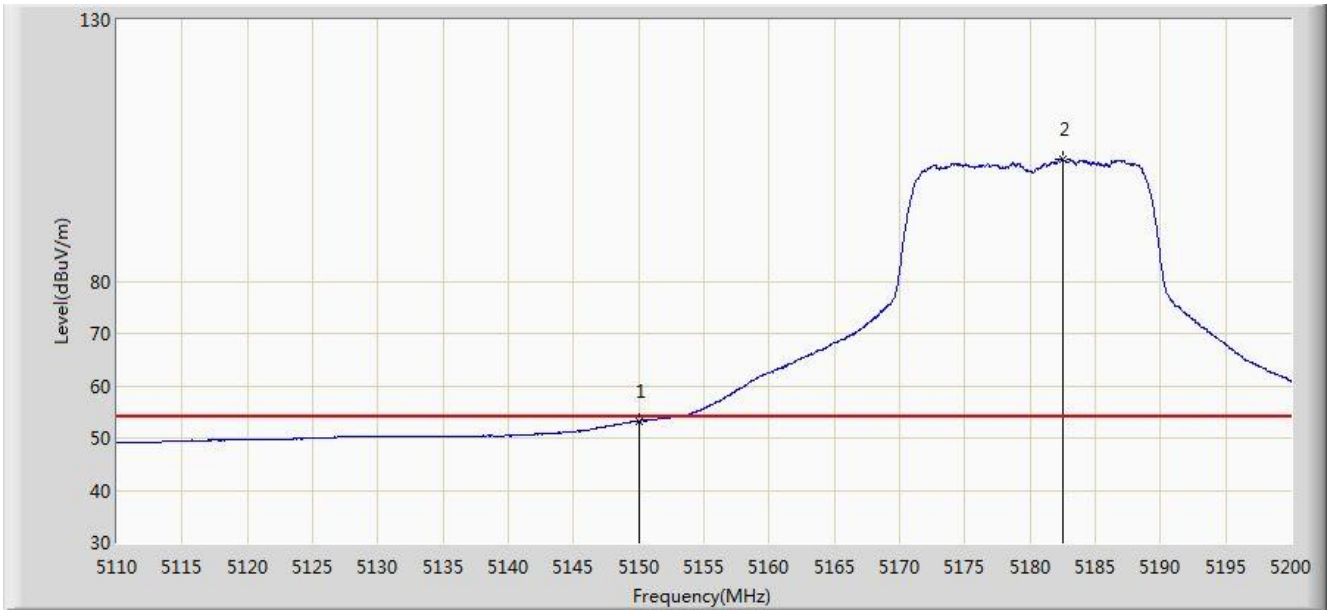


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.295	70.662	66.487	-3.338	74.000	4.174	PK
2			5150.000	67.258	63.089	-6.742	74.000	4.170	PK
3			5181.820	120.263	116.201	N/A	N/A	4.063	PK

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: 2017/02/20 - 14:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 + 2	

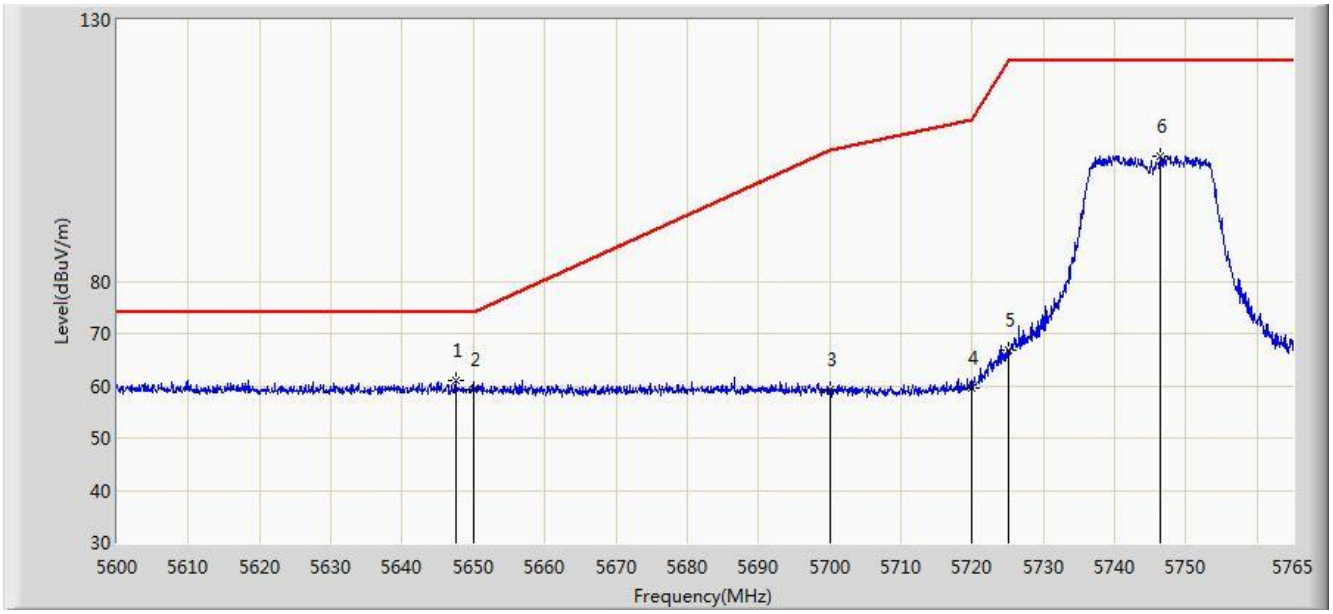


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.274	49.105	-0.726	54.000	4.170	AV
2			5182.540	103.381	99.321	N/A	N/A	4.060	AV

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: 2017/02/20 - 14:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 + 2	

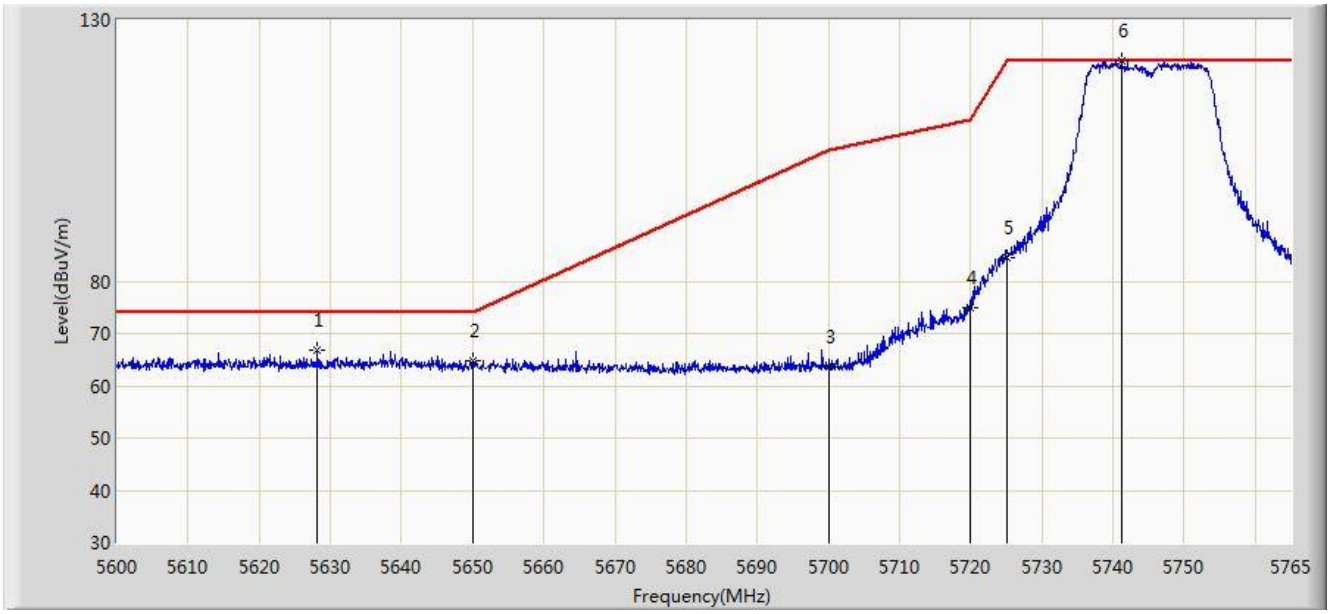


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.520	60.878	56.215	-13.122	74.000	4.662	PK
2			5650.000	59.216	54.545	-14.784	74.000	4.671	PK
3			5700.000	59.276	54.398	-45.924	105.200	4.878	PK
4			5720.000	59.591	54.594	-51.209	110.800	4.997	PK
5			5725.000	66.811	61.782	-55.389	122.200	5.029	PK
6			5746.355	103.979	98.816	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: 2017/02/20 - 14:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 + 2	

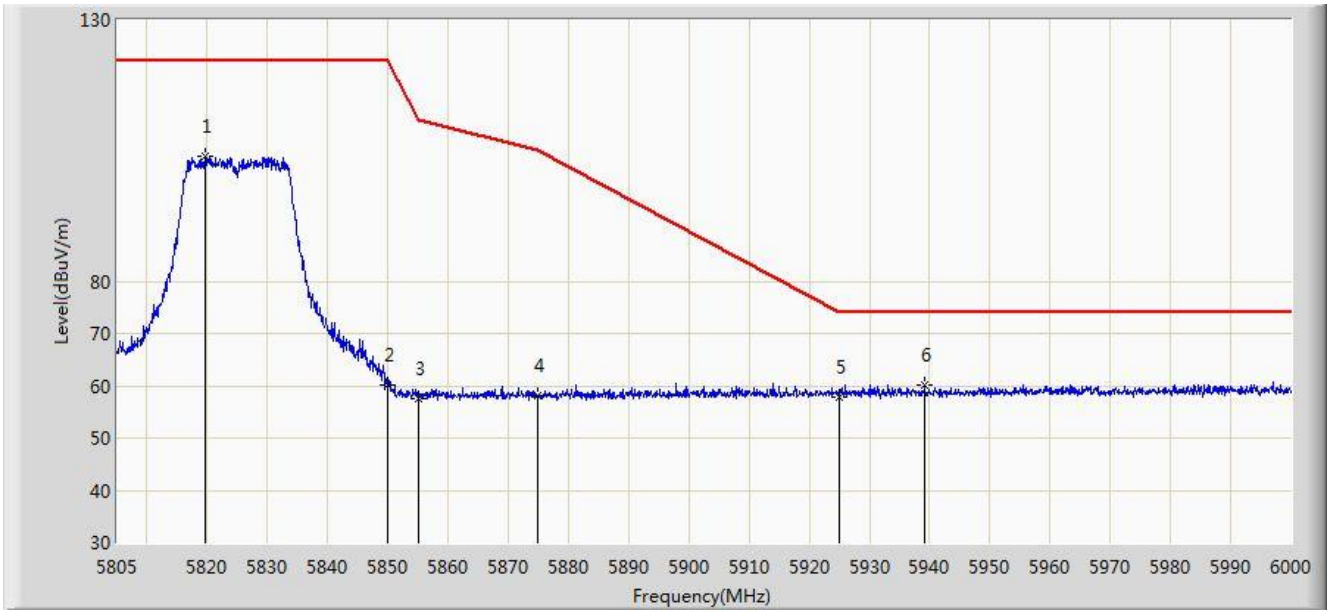


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5628.215	66.805	62.201	-7.195	74.000	4.604	PK
2			5650.000	64.674	60.003	-9.326	74.000	4.671	PK
3			5700.000	63.739	58.861	-41.461	105.200	4.878	PK
4			5720.000	75.028	70.031	-35.772	110.800	4.997	PK
5			5725.000	84.552	79.523	-37.648	122.200	5.029	PK
6			5741.158	122.242	117.110	N/A	N/A	5.132	PK

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

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

Site: AC1	Time: 2017/02/20 - 14:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 + 2	

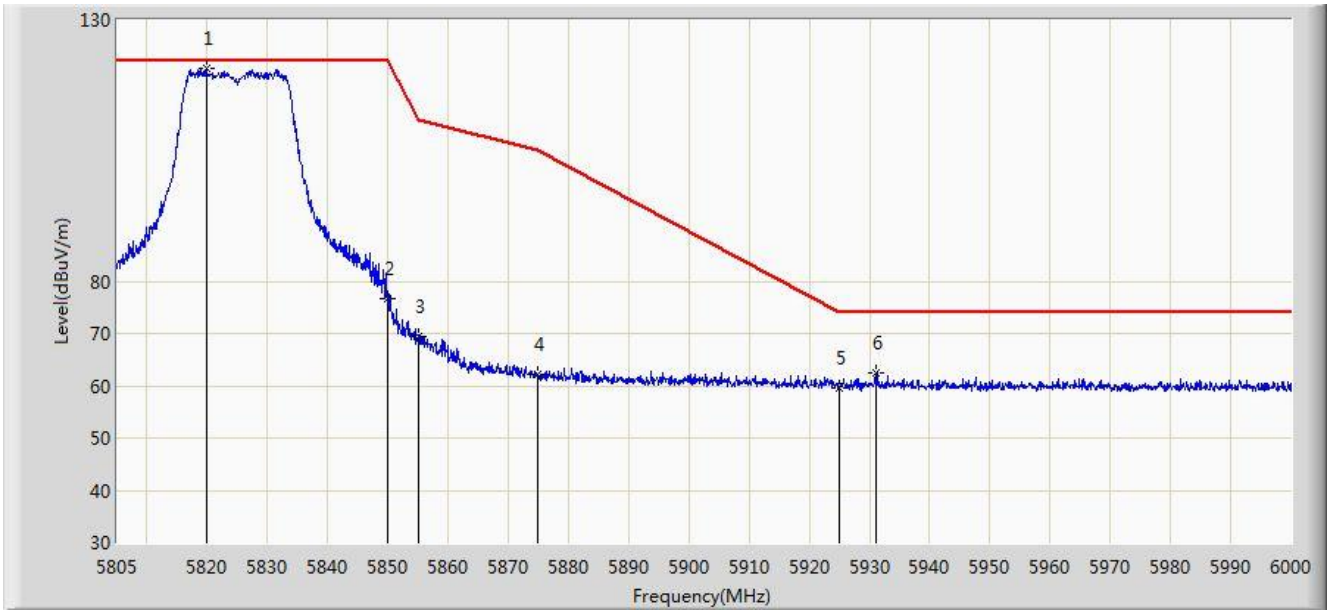


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.625	103.972	98.415	N/A	N/A	5.556	PK
2			5850.000	60.083	54.357	-62.117	122.200	5.726	PK
3			5855.000	57.679	51.933	-53.121	110.800	5.746	PK
4			5875.000	58.072	52.252	-47.128	105.200	5.820	PK
5			5925.000	57.830	51.864	-16.170	74.000	5.967	PK
6			5939.160	60.244	54.242	-13.756	74.000	6.002	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: 2017/02/20 - 14:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 + 2	

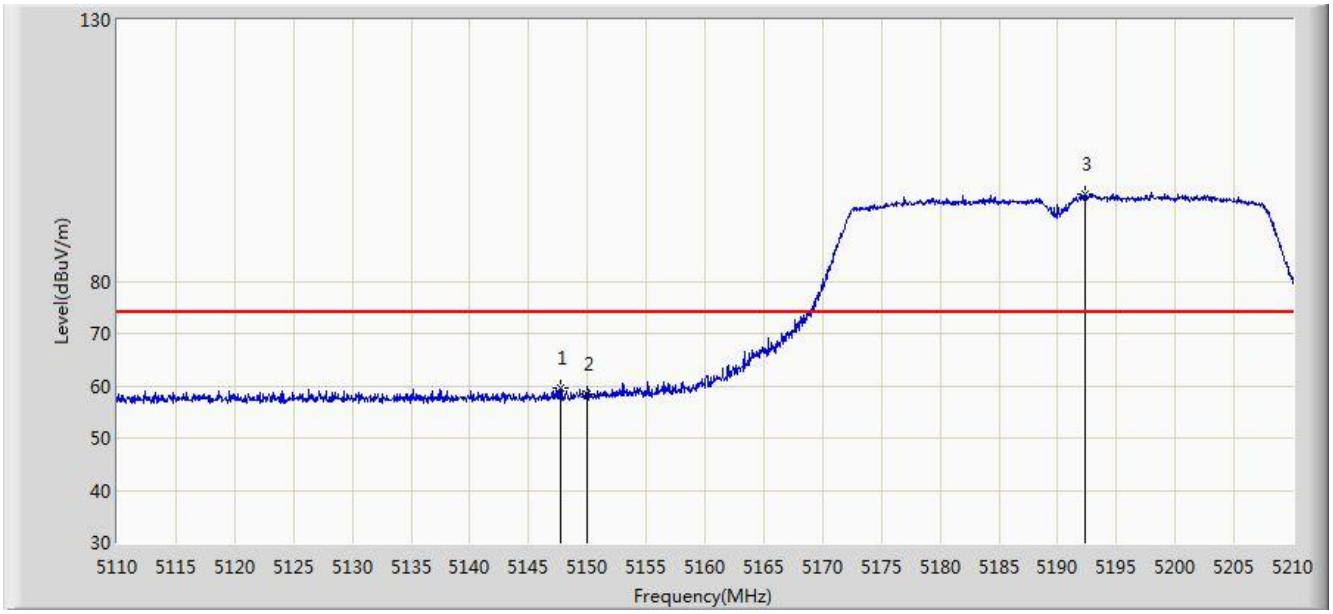


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.917	120.826	115.268	N/A	N/A	5.558	PK
2			5850.000	76.659	70.933	-45.541	122.200	5.726	PK
3			5855.000	69.483	63.737	-41.317	110.800	5.746	PK
4			5875.000	62.080	56.260	-43.120	105.200	5.820	PK
5			5925.000	59.666	53.700	-14.334	74.000	5.967	PK
6			5930.970	62.569	56.588	-11.431	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: 2017/02/20 - 15:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2	

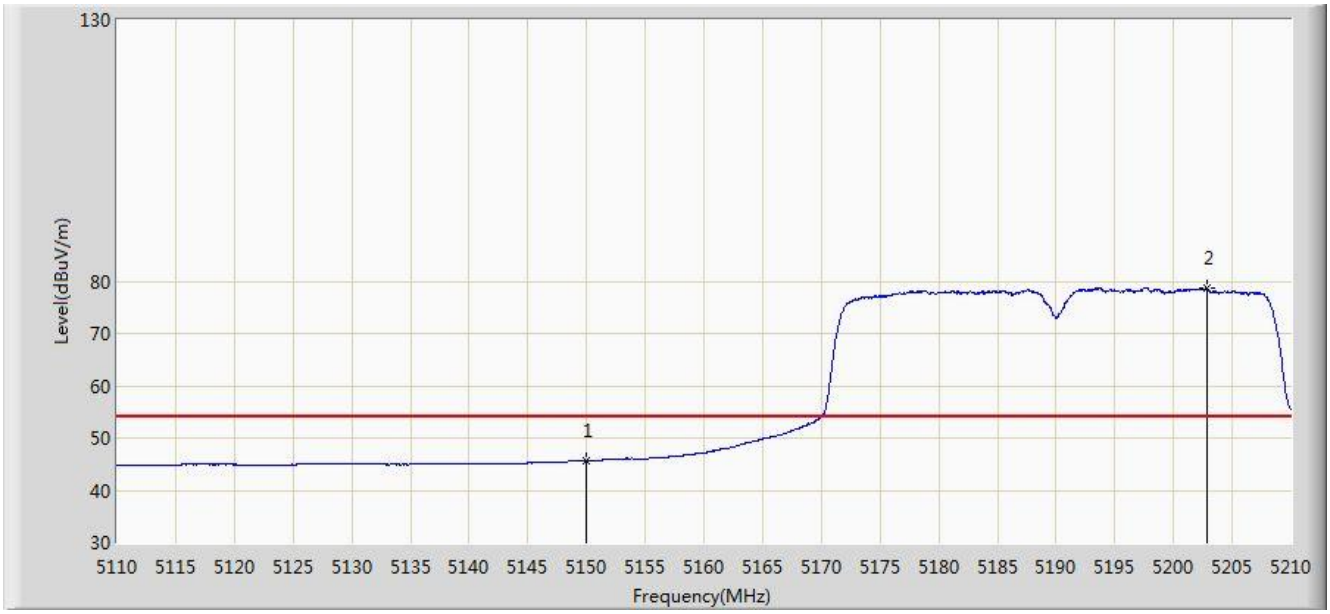


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.700	59.543	55.367	-14.457	74.000	4.176	PK
2			5150.000	58.419	54.250	-15.581	74.000	4.170	PK
3			5192.300	96.736	92.711	N/A	N/A	4.025	PK

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

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

Site: AC1	Time: 2017/02/20 - 15:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2	

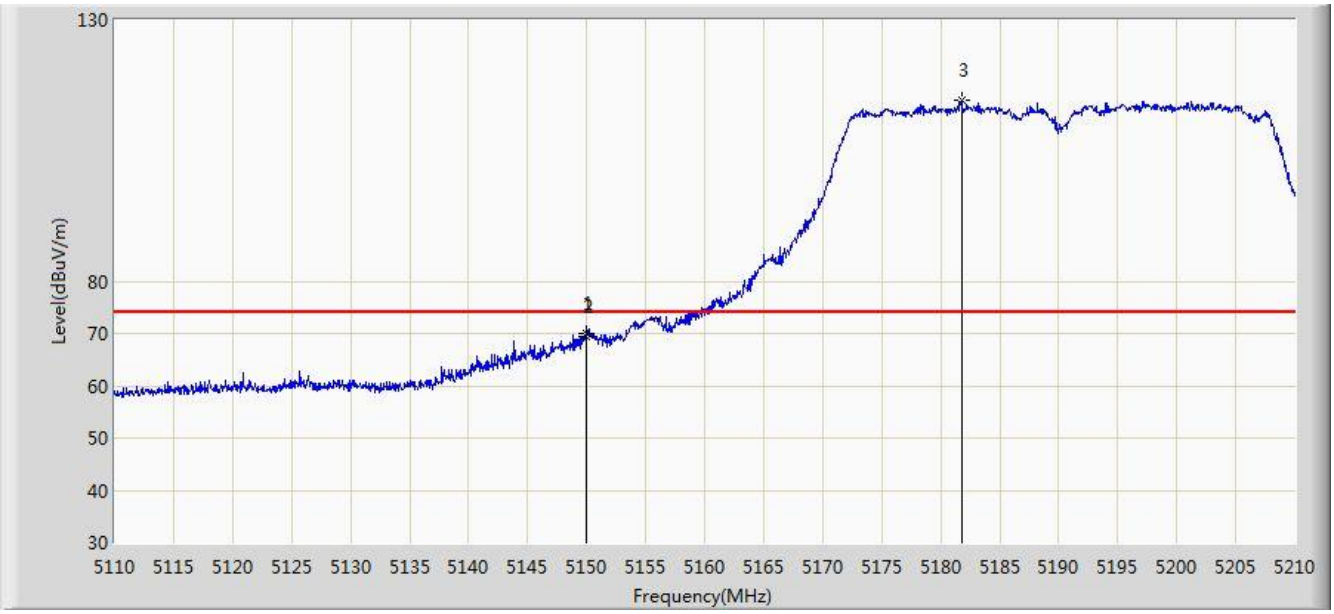


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.673	41.504	-8.327	54.000	4.170	AV
2			5202.800	78.630	74.640	N/A	N/A	3.991	AV

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

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

Site: AC1	Time: 2017/02/20 - 14:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2	

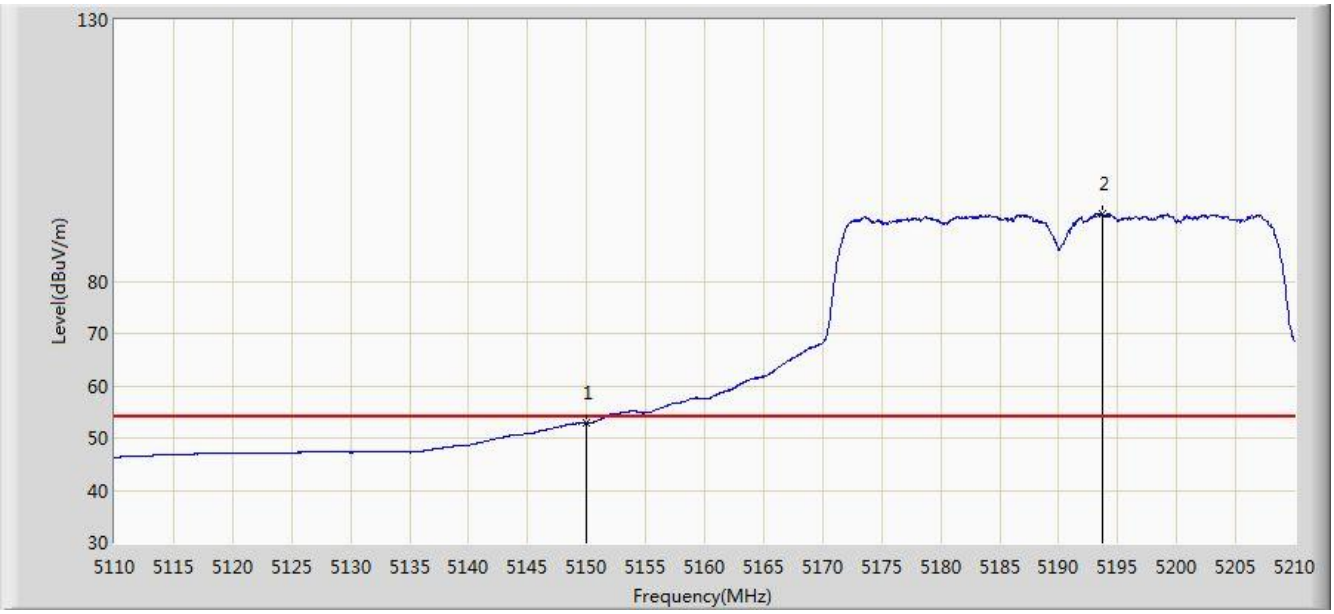


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.950	70.131	65.962	-3.869	74.000	4.170	PK
2			5150.000	69.502	65.333	-4.498	74.000	4.170	PK
3			5181.800	114.562	110.500	N/A	N/A	4.063	PK

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: 2017/02/20 - 14:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 + 2	

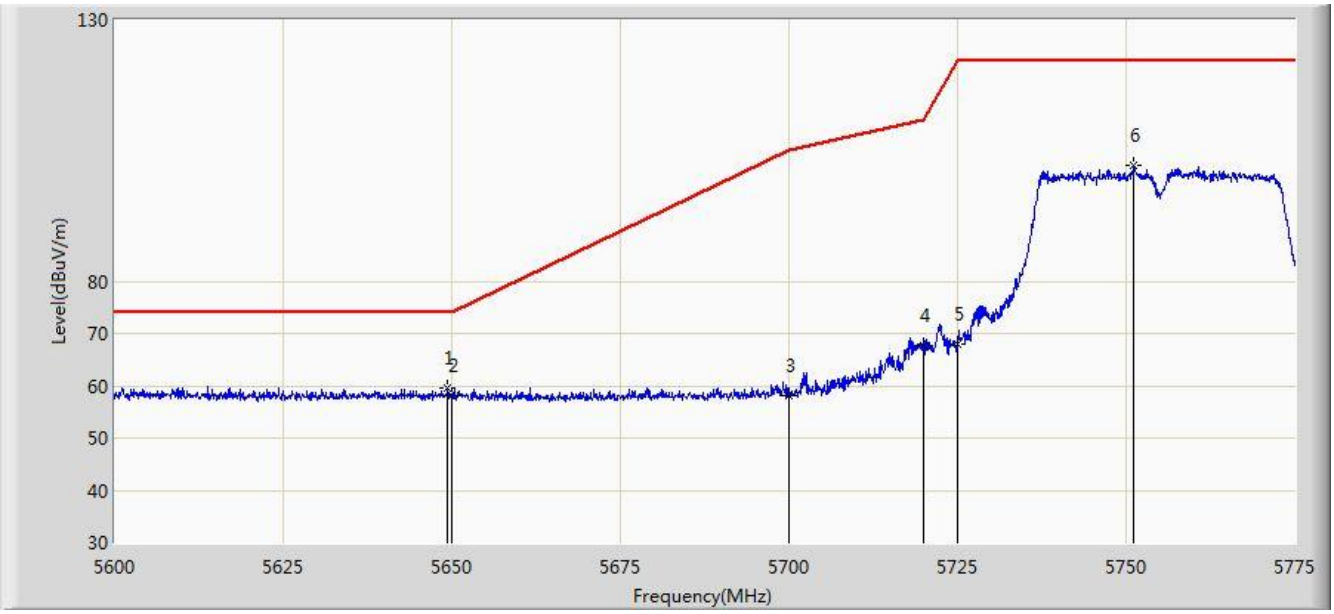


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.893	48.724	-1.107	54.000	4.170	AV
2			5193.650	92.917	88.897	N/A	N/A	4.020	AV

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

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

Site: AC1	Time: 2017/02/20 - 15:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 + 2	

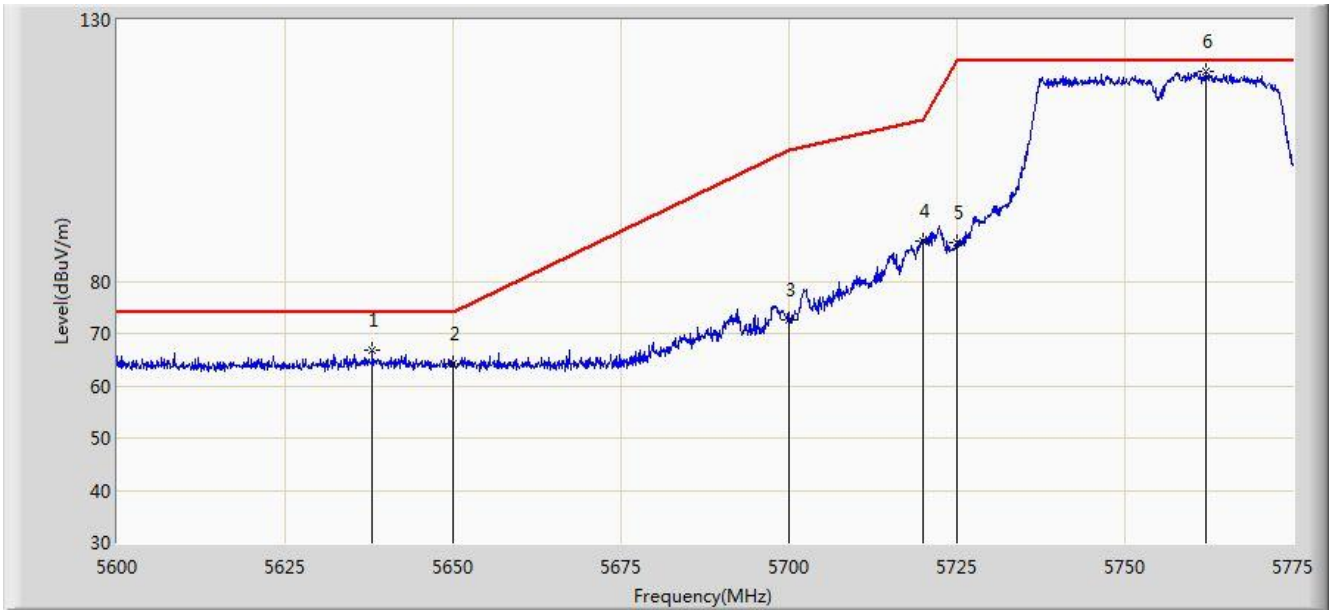


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5649.437	59.618	54.949	-14.382	74.000	4.669	PK
2			5650.000	58.198	53.527	-15.802	74.000	4.671	PK
3			5700.000	58.078	53.200	-47.122	105.200	4.878	PK
4			5720.000	67.625	62.628	-43.175	110.800	4.997	PK
5			5725.000	67.845	62.816	-54.355	122.200	5.029	PK
6			5751.200	102.088	96.898	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: 2017/02/20 - 15:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 + 2	

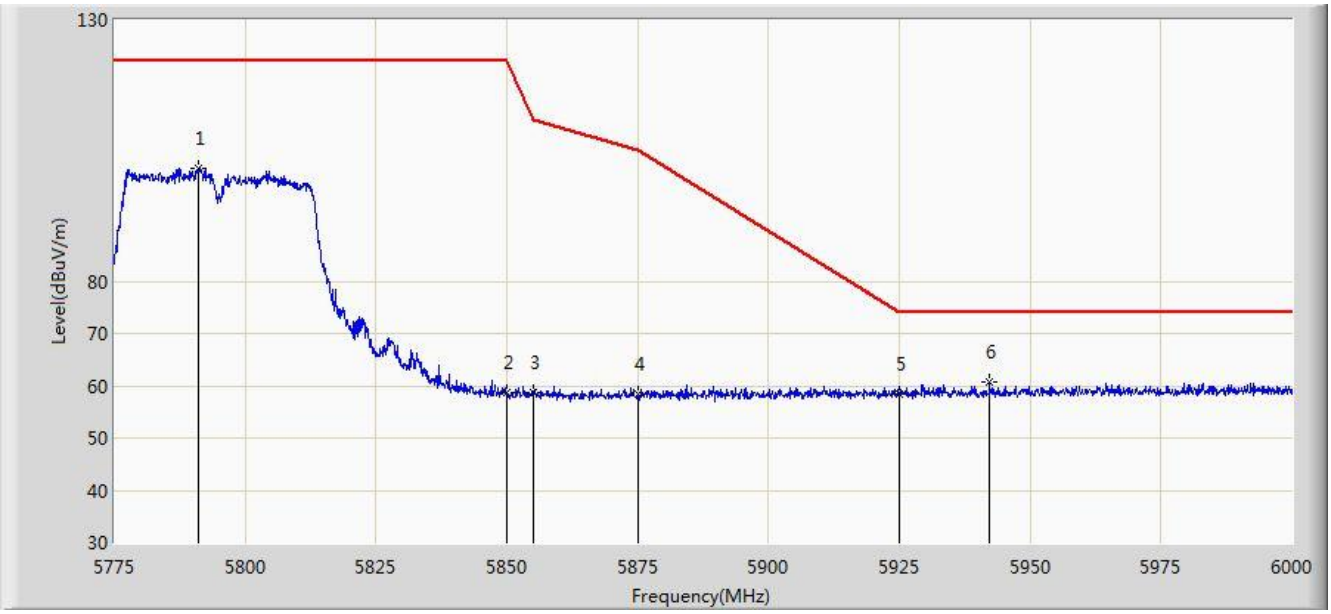


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5637.975	66.724	62.092	-7.276	74.000	4.632	PK
2			5650.000	64.337	59.666	-9.663	74.000	4.671	PK
3			5700.000	72.611	67.733	-32.589	105.200	4.878	PK
4			5720.000	87.689	82.692	-23.111	110.800	4.997	PK
5			5725.000	87.466	82.437	-34.734	122.200	5.029	PK
6			5762.050	120.046	114.796	N/A	N/A	5.251	PK

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

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

Site: AC1	Time: 2017/02/20 - 15:33
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 + 2	

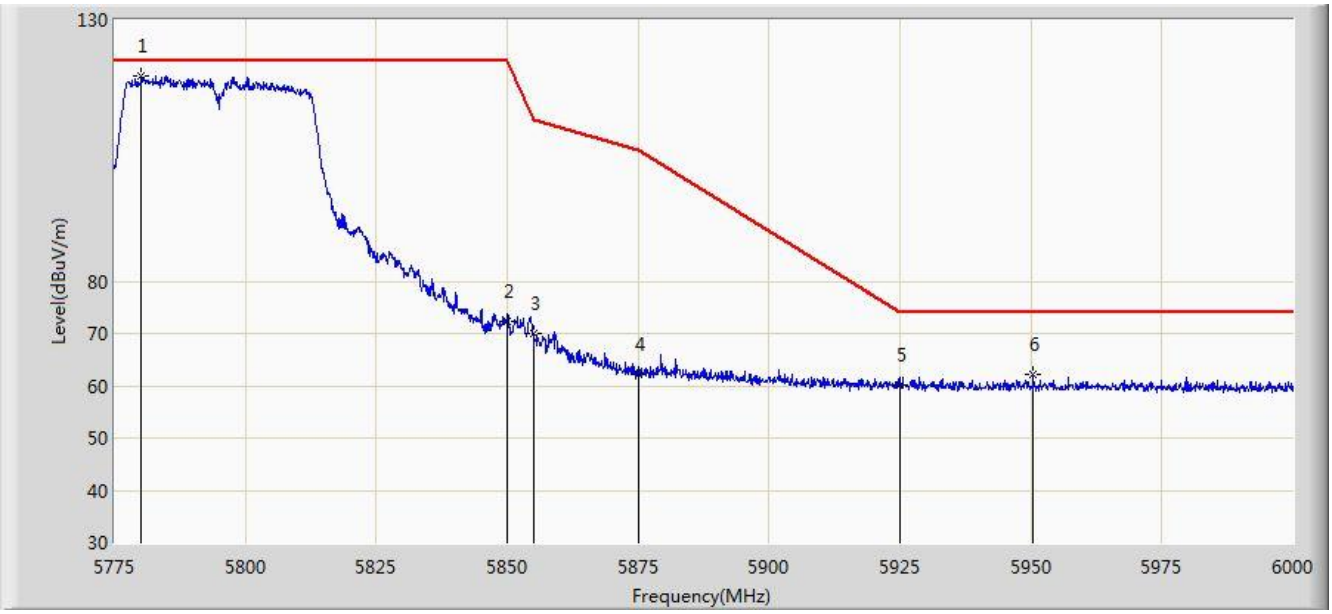


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.200	101.489	96.091	N/A	N/A	5.398	PK
2			5850.000	58.642	52.916	-63.558	122.200	5.726	PK
3			5855.000	58.797	53.051	-52.003	110.800	5.746	PK
4			5875.000	58.374	52.554	-46.826	105.200	5.820	PK
5			5925.000	58.341	52.375	-15.659	74.000	5.967	PK
6			5942.175	60.636	54.627	-13.364	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: 2017/02/20 - 15:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 + 2	

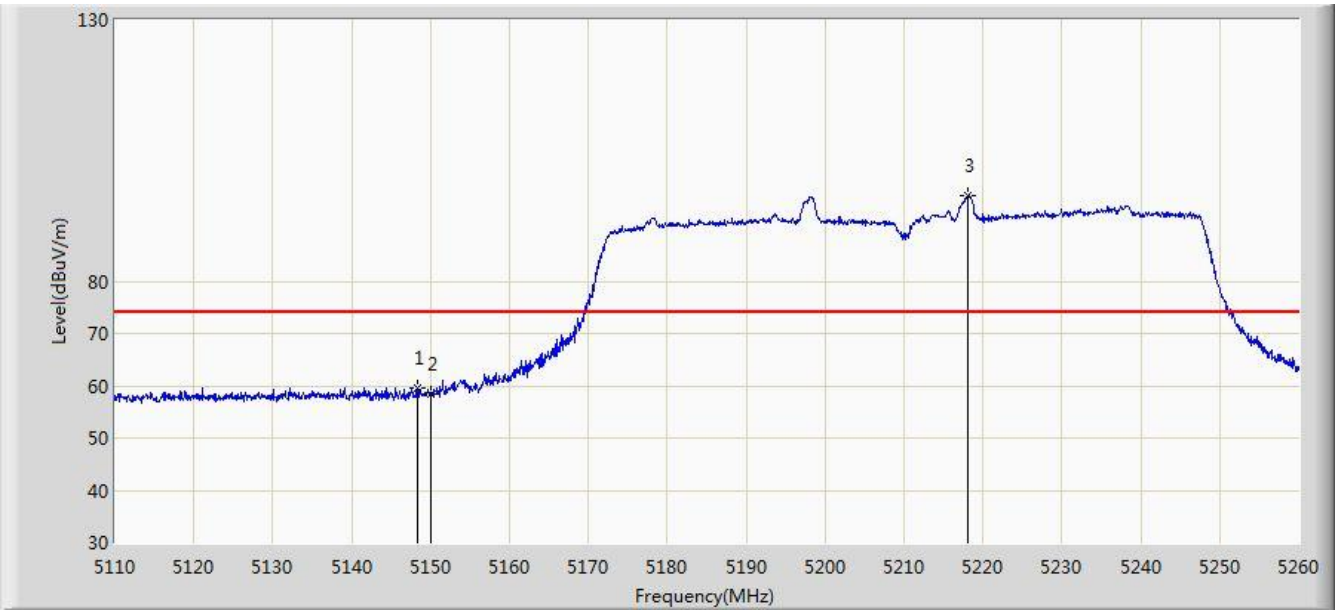


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5780.175	119.340	113.998	N/A	N/A	5.343	PK
2			5850.000	72.382	66.656	-49.818	122.200	5.726	PK
3			5855.000	69.982	64.236	-40.818	110.800	5.746	PK
4			5875.000	62.275	56.455	-42.925	105.200	5.820	PK
5			5925.000	60.218	54.252	-13.782	74.000	5.967	PK
6			5950.388	62.145	56.118	-11.855	74.000	6.027	PK

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

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

Site: AC1	Time: 2017/02/20 - 15:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2	

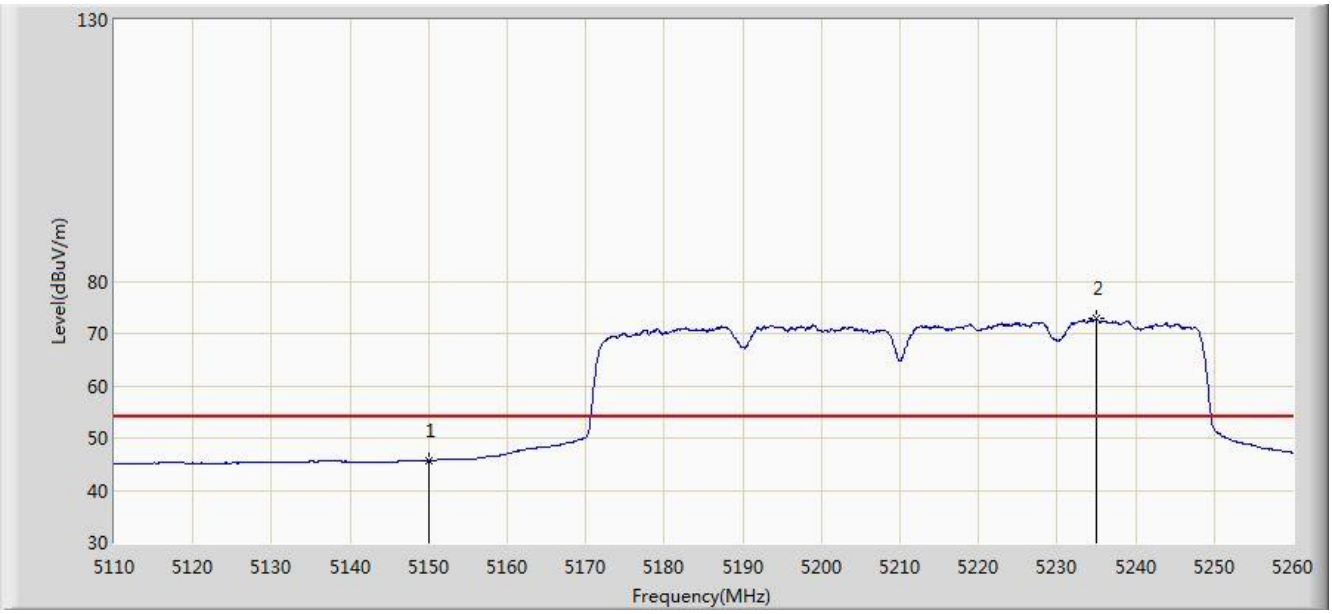


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.325	59.671	55.496	-14.329	74.000	4.174	PK
2			5150.000	58.311	54.142	-15.689	74.000	4.170	PK
3			5218.150	96.366	92.422	N/A	N/A	3.944	PK

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

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

Site: AC1	Time: 2017/02/20 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2	

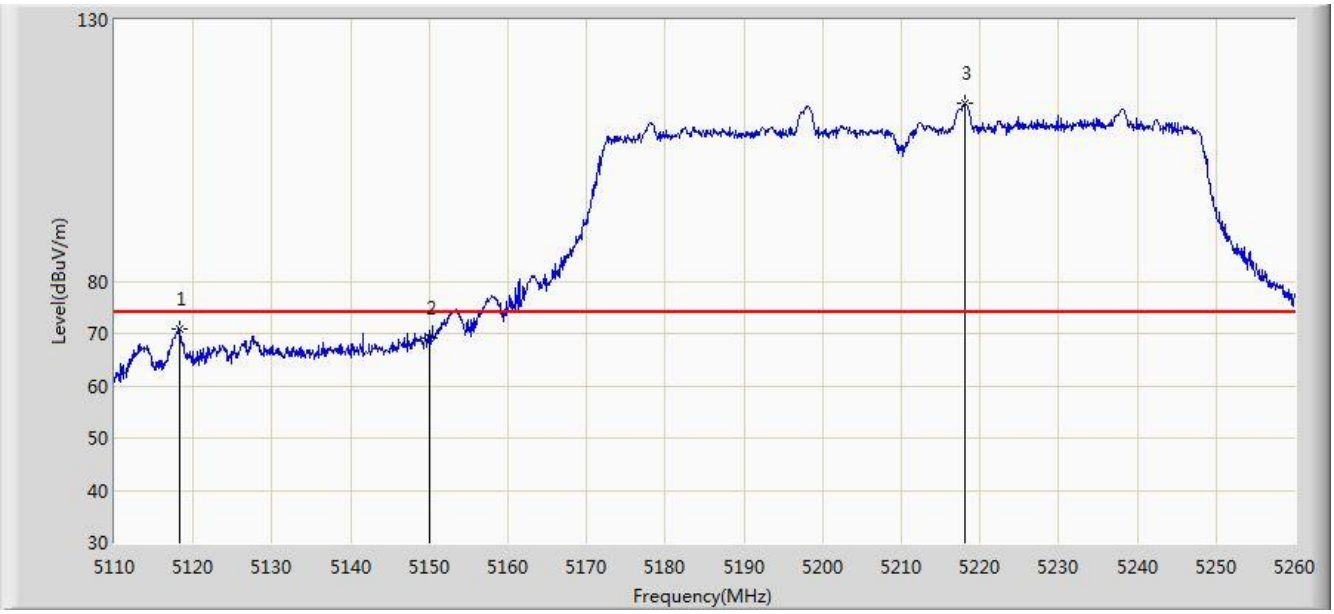


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.693	41.524	-8.307	54.000	4.170	AV
2			5234.950	72.803	68.908	N/A	N/A	3.894	AV

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

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

Site: AC1	Time: 2017/02/20 - 15:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2	

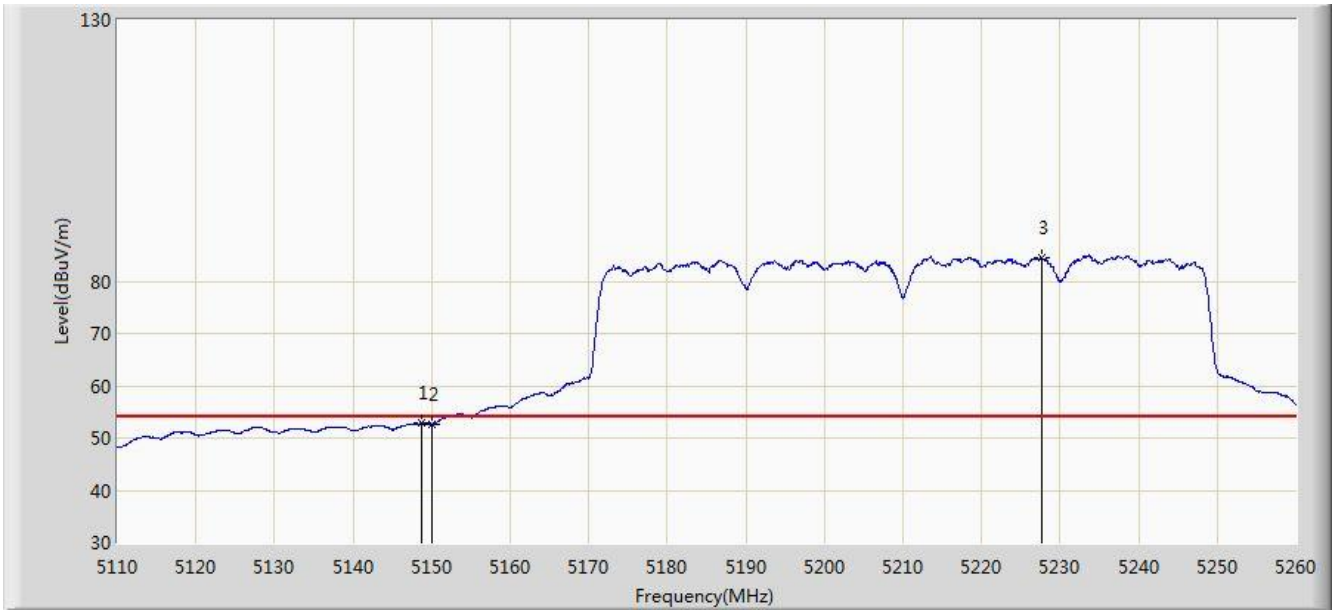


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5118.250	70.851	66.676	-3.149	74.000	4.175	PK
2			5150.000	69.236	65.067	-4.764	74.000	4.170	PK
3			5218.150	113.936	109.992	N/A	N/A	3.944	PK

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

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

Site: AC1	Time: 2017/02/20 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 + 2	

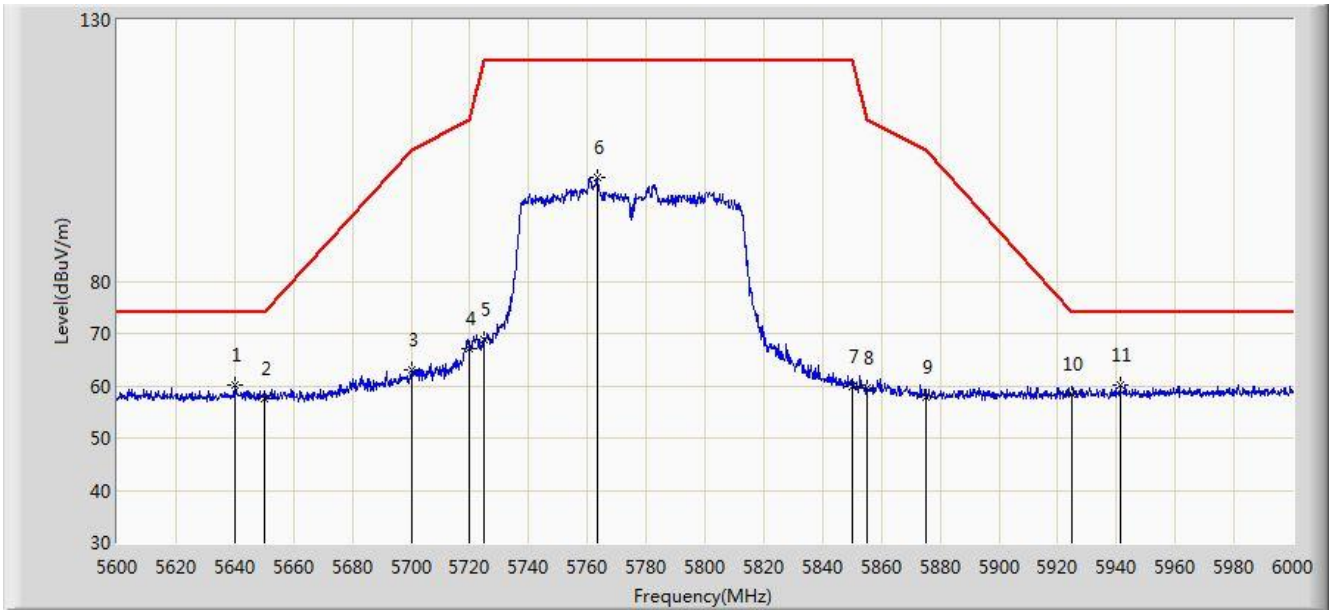


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	52.874	48.701	-1.126	54.000	4.174	AV
2			5150.000	52.513	48.344	-1.487	54.000	4.170	AV
3			5227.750	84.619	80.703	N/A	N/A	3.916	AV

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: 2017/02/20 - 16:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 + 2	

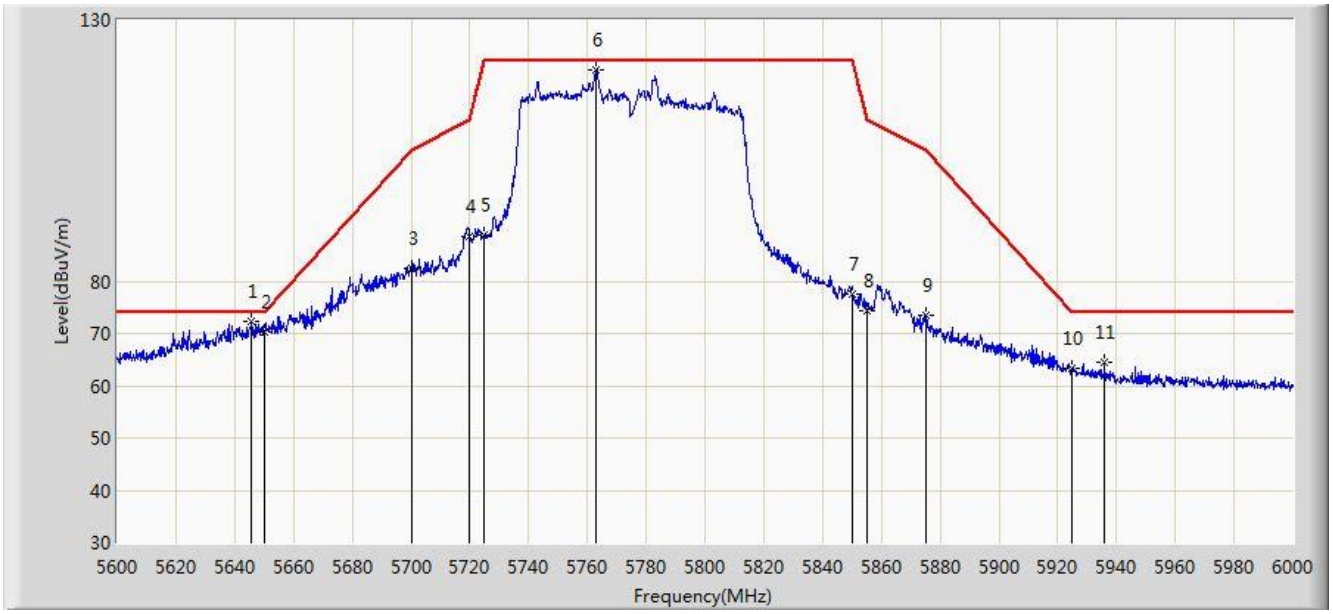


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.000	60.190	55.552	-13.810	74.000	4.638	PK
2			5650.000	57.499	52.828	-16.501	74.000	4.671	PK
3			5700.000	63.187	58.309	-42.013	105.200	4.878	PK
4			5720.000	67.210	62.213	-43.590	110.800	4.997	PK
5			5725.000	68.750	63.721	-53.450	122.200	5.029	PK
6			5763.200	99.759	94.503	N/A	N/A	5.256	PK
7			5850.000	59.923	54.197	-62.277	122.200	5.726	PK
8			5855.000	59.553	53.807	-51.247	110.800	5.746	PK
9			5875.000	57.920	52.100	-47.280	105.200	5.820	PK
10			5925.000	58.407	52.441	-15.593	74.000	5.967	PK
11			5941.200	60.221	54.215	-13.779	74.000	6.007	PK

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

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

Site: AC1	Time: 2017/02/20 - 16:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.800	72.310	67.653	-1.690	74.000	4.657	PK
2			5650.000	70.230	65.559	-3.770	74.000	4.671	PK
3			5700.000	82.582	77.704	-22.618	105.200	4.878	PK
4			5720.000	88.416	83.419	-22.384	110.800	4.997	PK
5			5725.000	88.769	83.740	-33.431	122.200	5.029	PK
6			5763.000	120.317	115.062	N/A	N/A	5.255	PK
7			5850.000	77.595	71.869	-44.605	122.200	5.726	PK
8			5855.000	74.423	68.677	-36.377	110.800	5.746	PK
9			5875.000	73.418	67.598	-31.782	105.200	5.820	PK
10			5925.000	63.247	57.281	-10.753	74.000	5.967	PK
11			5936.000	64.506	58.512	-9.494	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)

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50

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

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

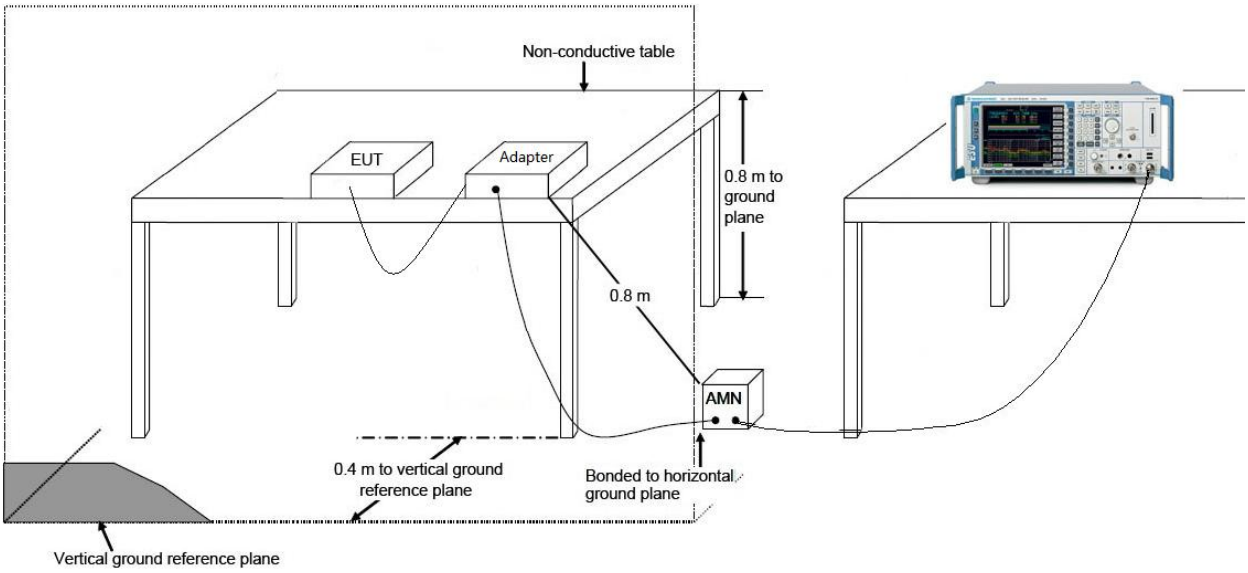
7.10.2. Test Procedure

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

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

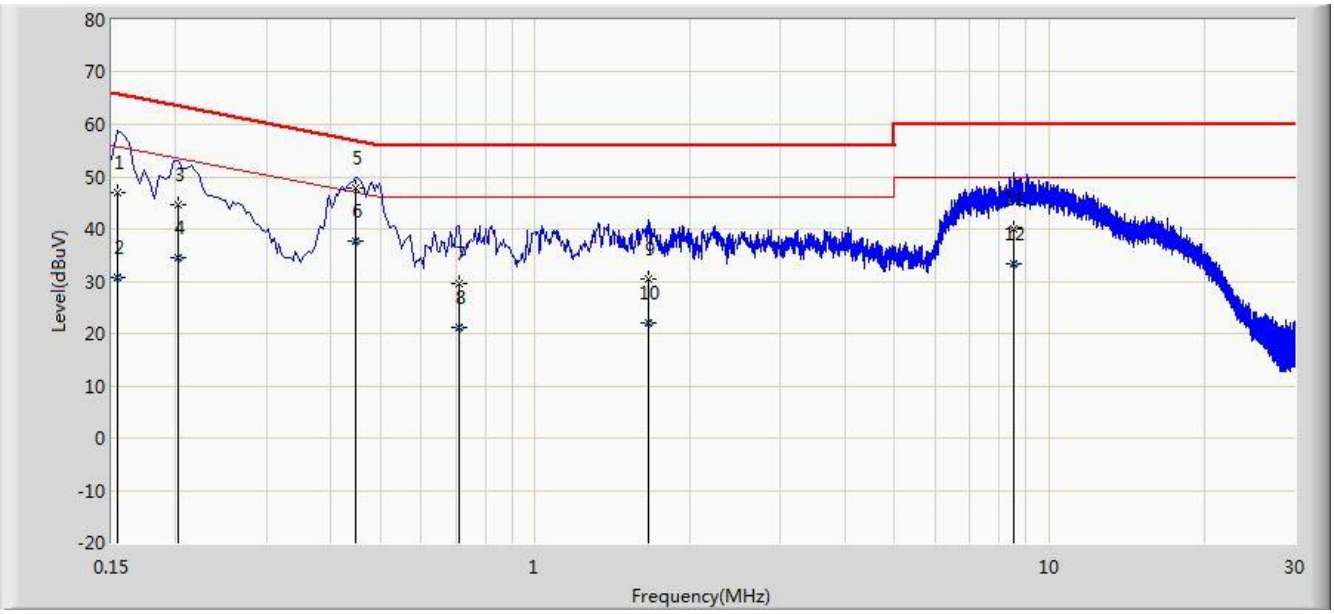
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2017/03/02 - 16:16
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode 1	

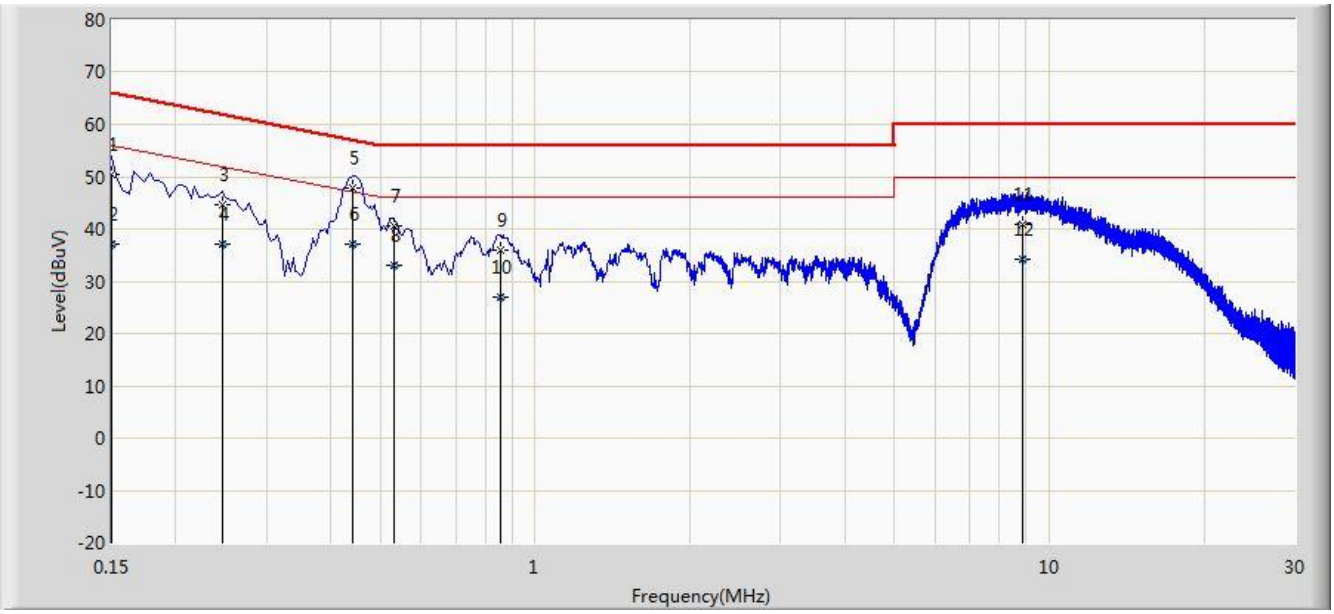


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.154	46.820	36.111	-18.961	65.781	10.709	QP
2			0.154	30.655	19.946	-25.126	55.781	10.709	AV
3			0.202	44.620	34.602	-18.908	63.528	10.018	QP
4			0.202	34.403	24.385	-19.125	53.528	10.018	AV
5		*	0.446	47.932	37.868	-9.018	56.949	10.063	QP
6			0.446	37.796	27.732	-9.154	46.949	10.063	AV
7			0.710	29.686	19.680	-26.314	56.000	10.006	QP
8			0.710	21.045	11.039	-24.955	46.000	10.006	AV
9			1.662	30.336	20.464	-25.664	56.000	9.872	QP
10			1.662	22.000	12.128	-24.000	46.000	9.872	AV
11			8.522	40.032	30.226	-19.968	60.000	9.806	QP
12			8.522	33.406	23.600	-16.594	50.000	9.806	AV

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

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

Site: SR2	Time: 2017/03/02 - 16:23
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.150	50.420	39.152	-15.580	66.000	11.268	QP
2			0.150	37.098	25.830	-18.902	56.000	11.268	AV
3			0.246	44.706	34.744	-17.185	61.891	9.962	QP
4			0.246	37.221	27.259	-14.670	51.891	9.962	AV
5		*	0.442	47.778	37.694	-9.246	57.024	10.084	QP
6			0.442	37.158	27.074	-9.866	47.024	10.084	AV
7			0.530	40.558	30.452	-15.442	56.000	10.105	QP
8			0.530	33.068	22.962	-12.932	46.000	10.105	AV
9			0.854	36.022	26.072	-19.978	56.000	9.950	QP
10			0.854	26.978	17.028	-19.022	46.000	9.950	AV
11			8.866	40.823	30.984	-19.177	60.000	9.839	QP
12			8.866	34.175	24.336	-15.825	50.000	9.839	AV

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

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **US Wi-Fi AP 2x2 OD ext. antenna FCC ID: 2AD8UFZCWMBOM1** is in compliance with Part 15E of the FCC Rules.

The End