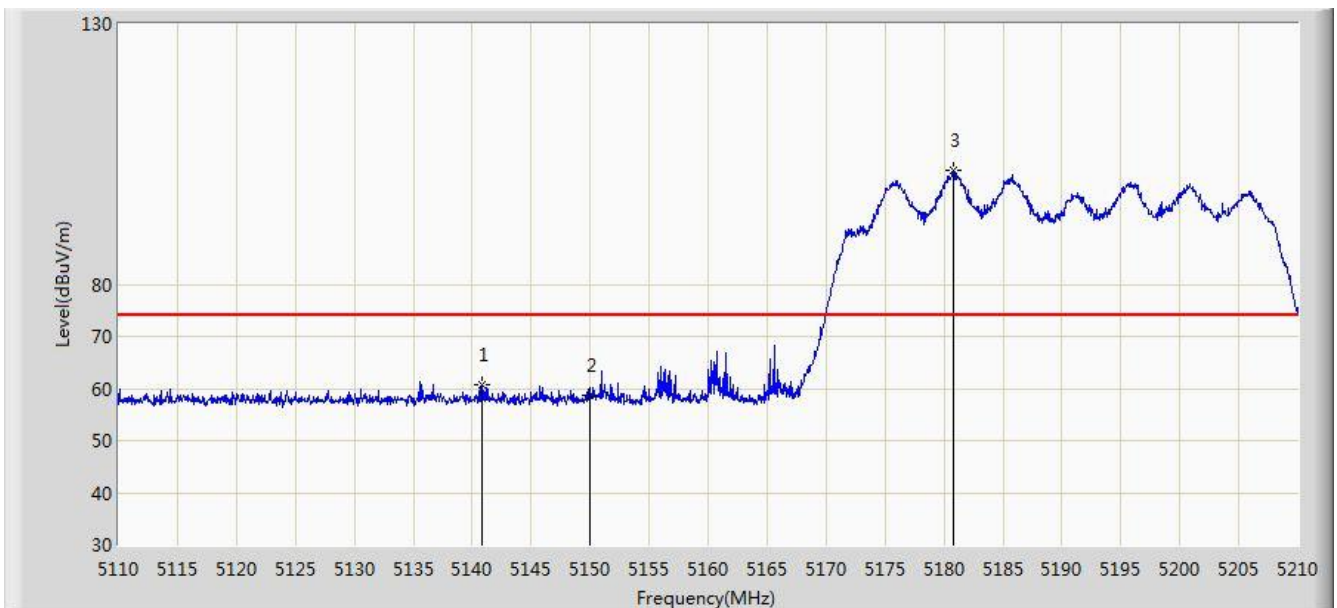


Site: AC1	Time: 2016/12/22 - 18:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2	

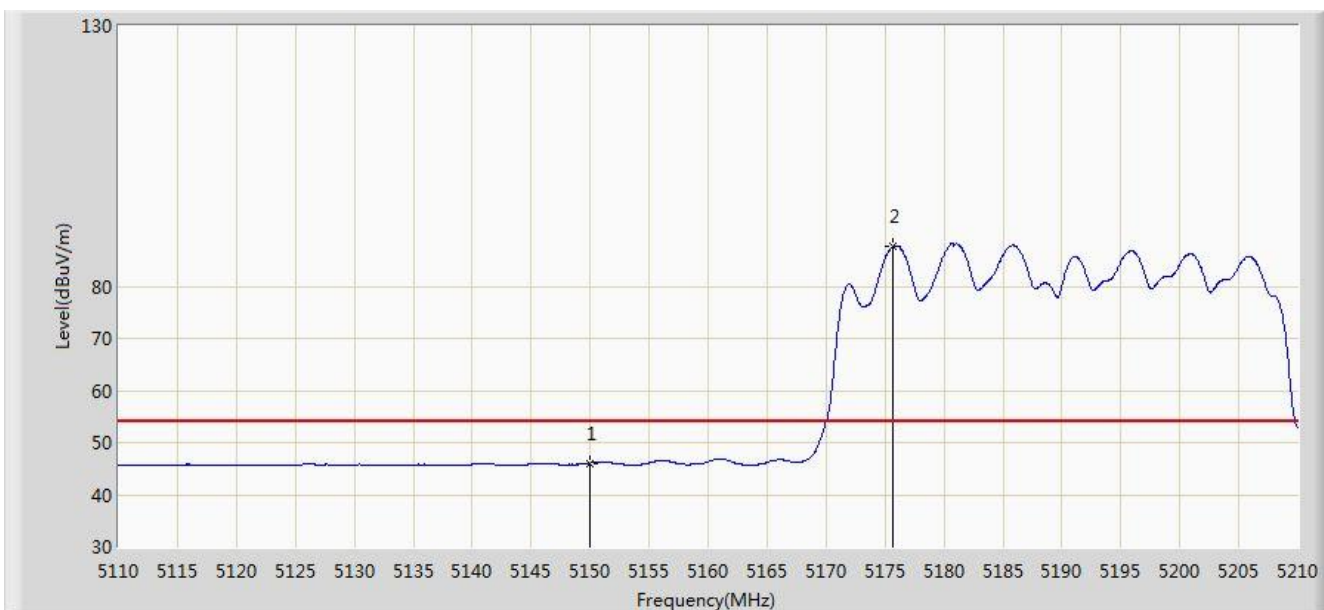


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.850	60.611	56.435	-13.389	74.000	4.175	PK
2			5150.000	58.827	54.658	-15.173	74.000	4.170	PK
3		*	5180.850	101.749	97.683	N/A	N/A	4.066	PK

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: 2016/12/22 - 18:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2	

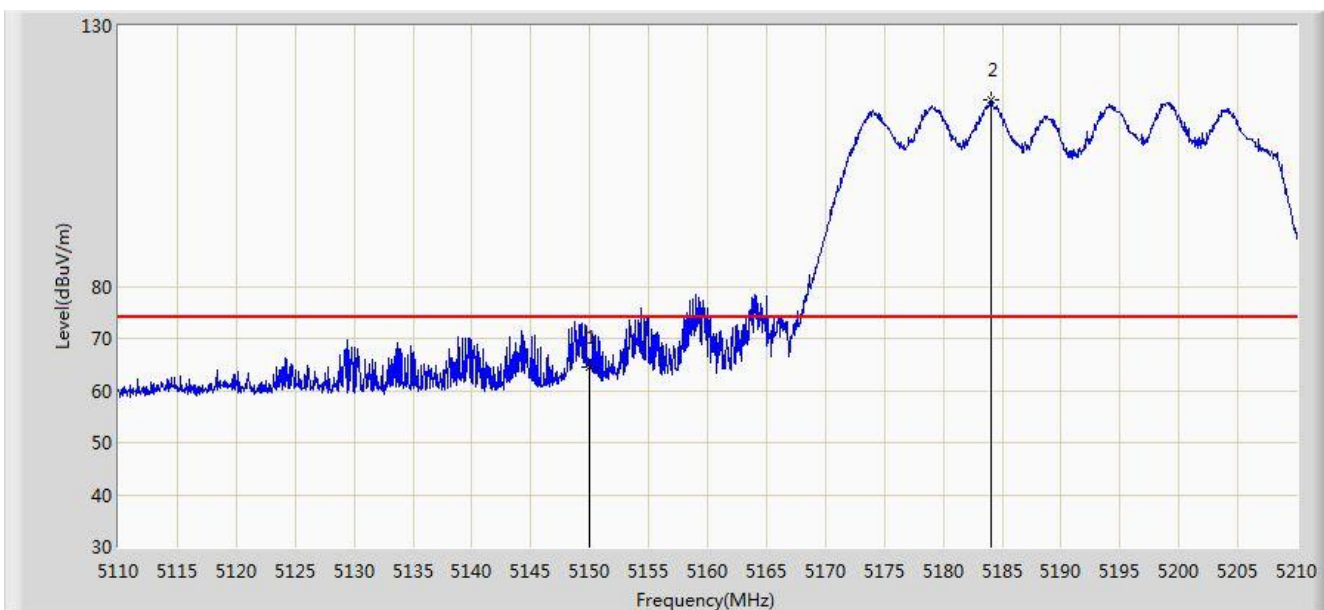


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.082	41.913	-7.918	54.000	4.170	AV
2		*	5175.700	87.648	83.564	N/A	N/A	4.084	AV

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

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

Site: AC1	Time: 2016/12/22 - 18:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2	

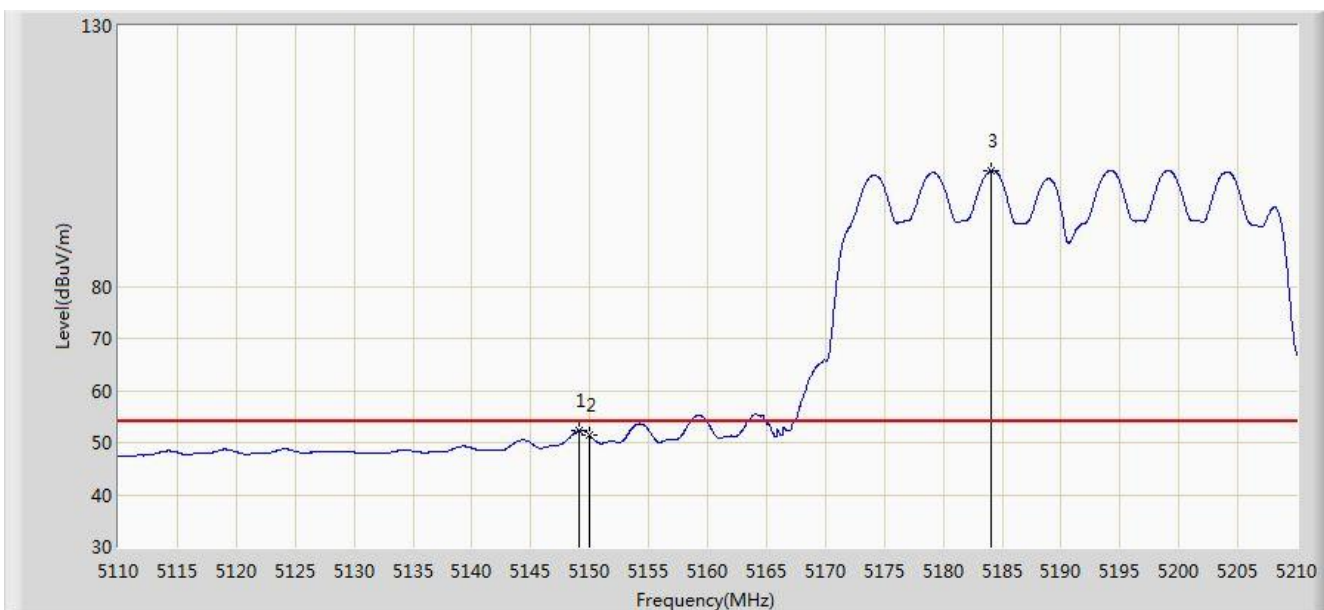


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.502	60.333	-9.498	74.000	4.170	PK
2		*	5184.050	115.796	111.741	N/A	N/A	4.054	PK

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

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

Site: AC1	Time: 2016/12/22 - 18:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1+2	

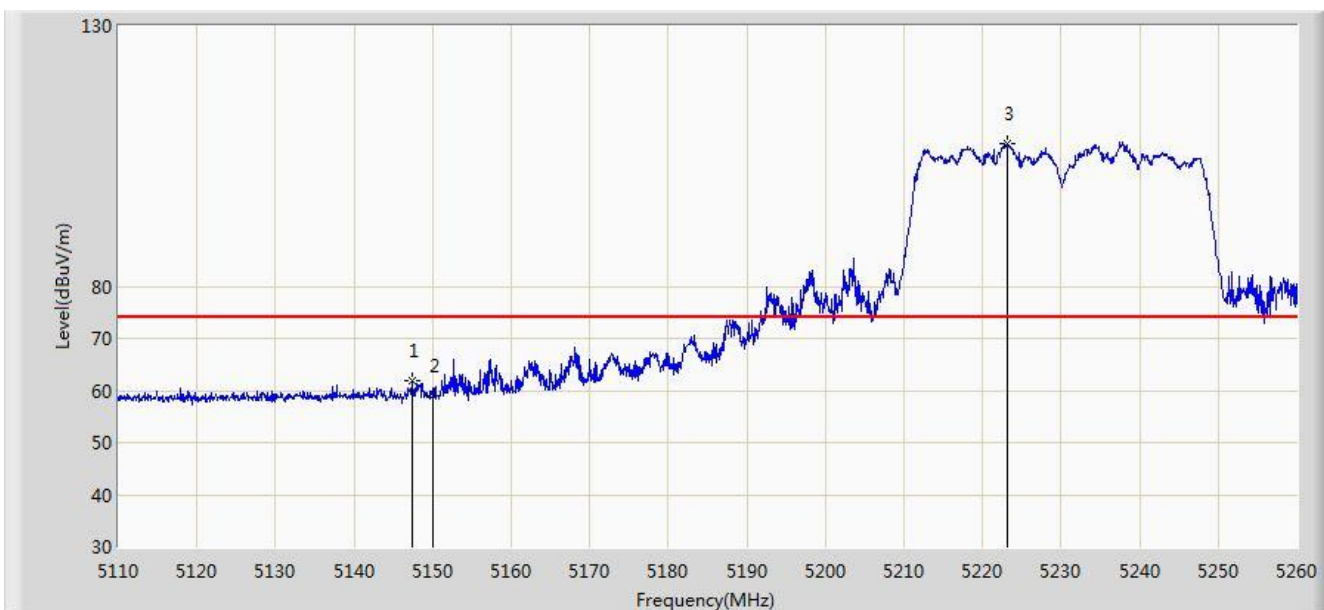


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.050	52.225	46.926	-1.775	54.000	5.299	AV
2			5150.000	51.383	46.085	-2.617	54.000	5.299	AV
3		*	5184.000	102.214	96.950	N/A	N/A	5.263	AV

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: 2016/12/22 - 18:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0+1+2	

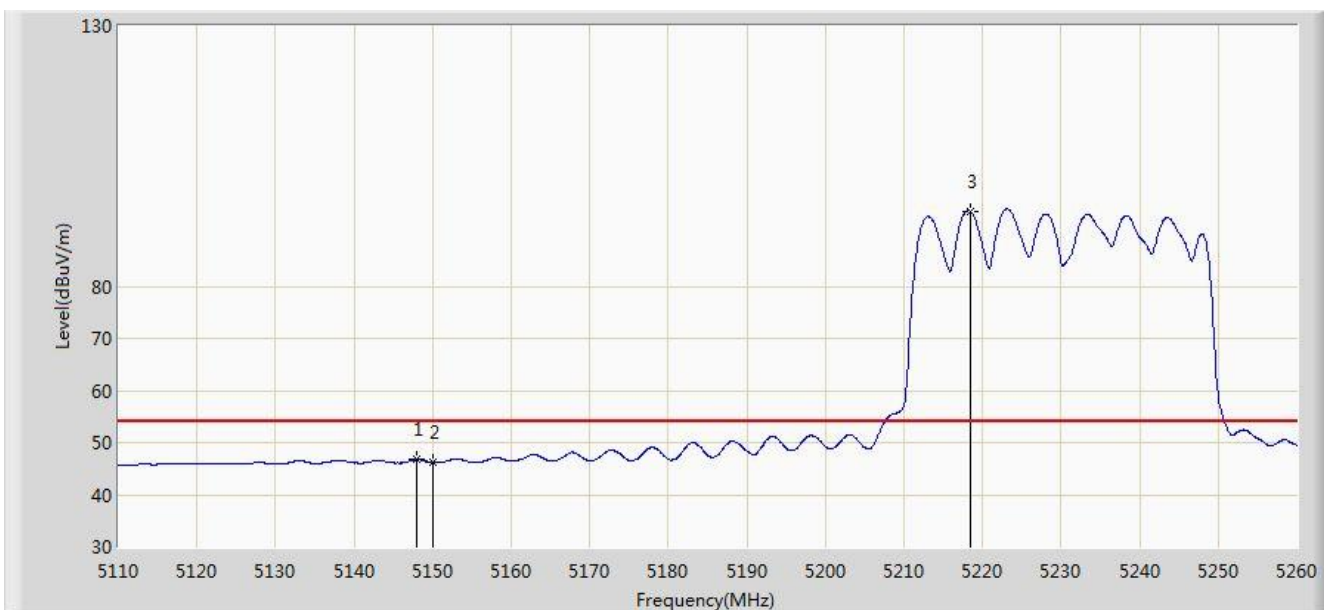


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.350	61.846	57.670	-12.154	74.000	4.175	PK
2			5150.000	59.078	54.909	-14.922	74.000	4.170	PK
3		*	5223.100	107.383	103.453	N/A	N/A	3.931	PK

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: 2016/12/22 - 18:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0+1+2	

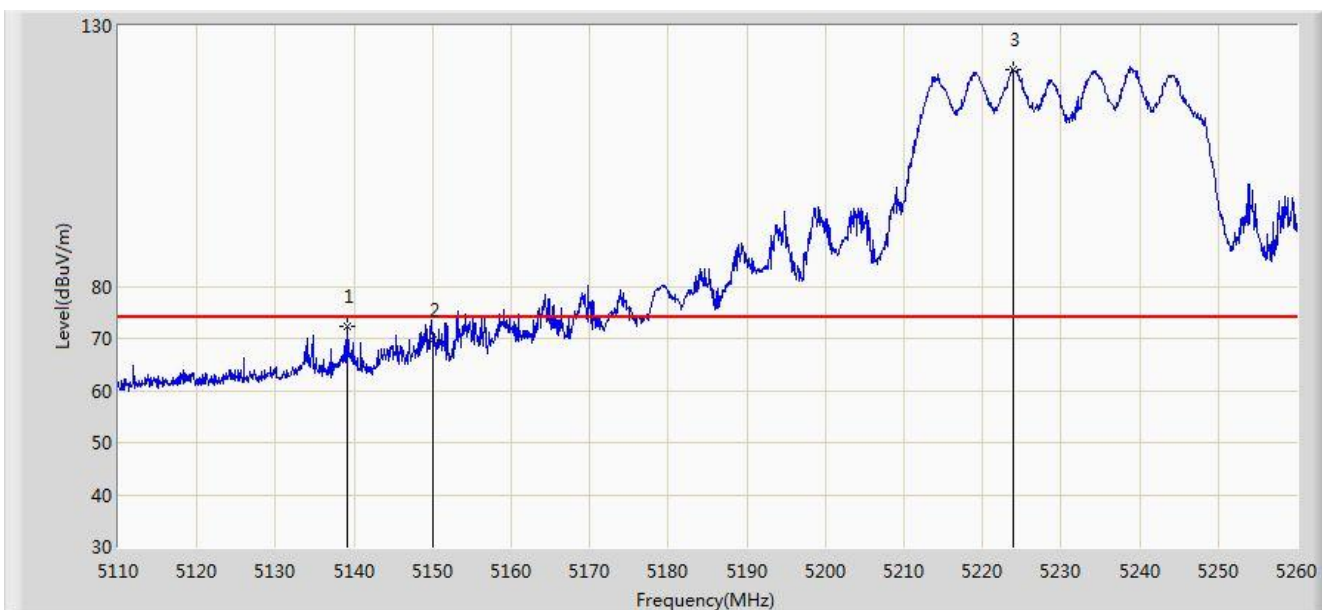


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.025	46.729	42.554	-7.271	54.000	4.176	AV
2			5150.000	46.191	42.022	-7.809	54.000	4.170	AV
3		*	5218.375	94.461	90.517	N/A	N/A	3.944	AV

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

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

Site: AC1	Time: 2016/12/22 - 18:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0+1+2	

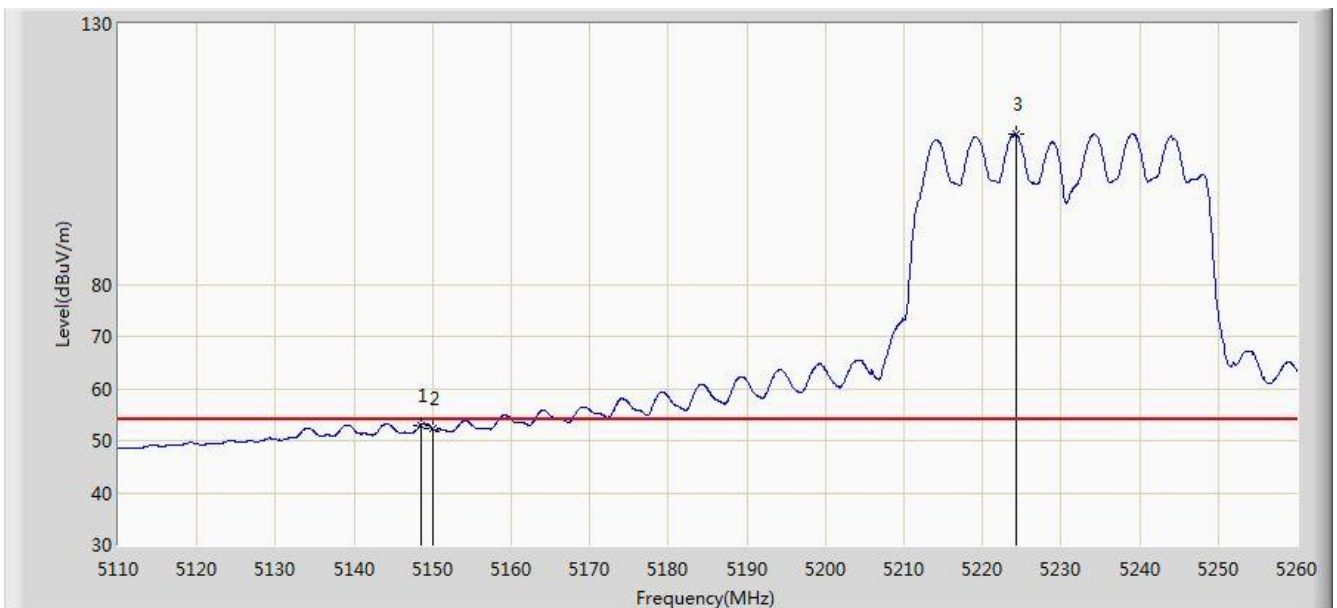


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.175	72.177	68.002	-1.823	74.000	4.176	PK
2			5150.000	69.619	65.450	-4.381	74.000	4.170	PK
3		*	5223.850	121.542	117.614	N/A	N/A	3.927	PK

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: 2016/12/22 - 18:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0+1+2	

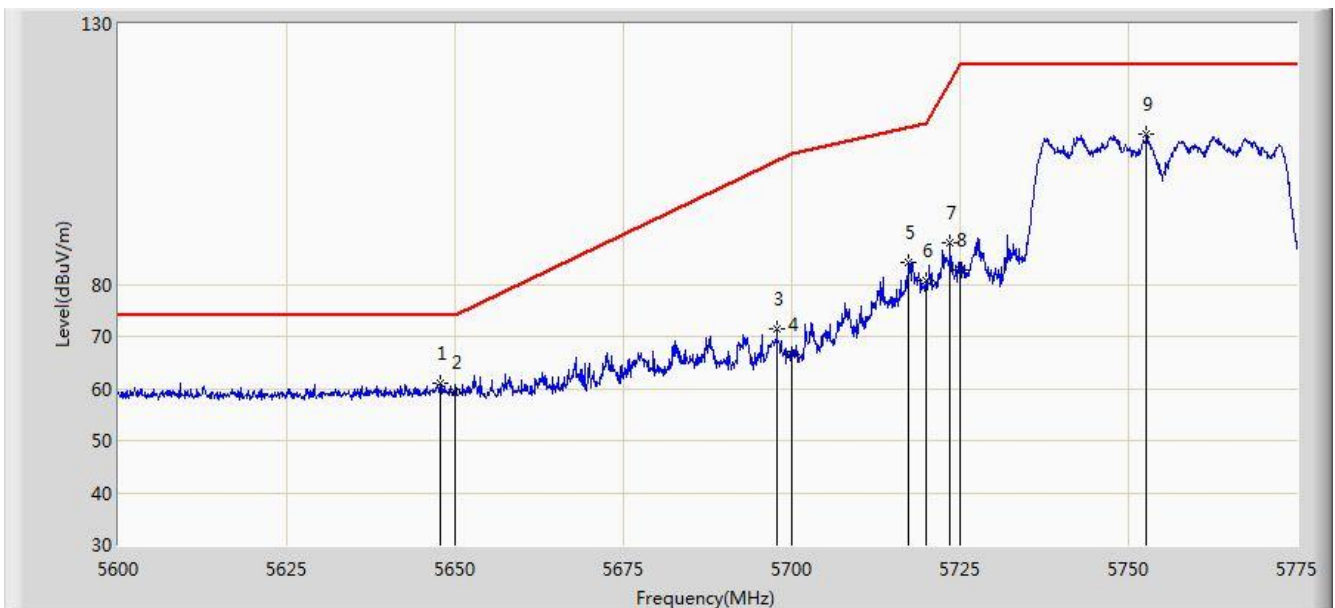


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.475	52.917	48.743	-1.083	54.000	4.174	AV
2			5150.000	52.315	48.146	-1.685	54.000	4.170	AV
3		*	5224.225	108.739	104.813	N/A	N/A	3.927	AV

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

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

Site: AC1	Time: 2016/12/22 - 19:03
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1+2	

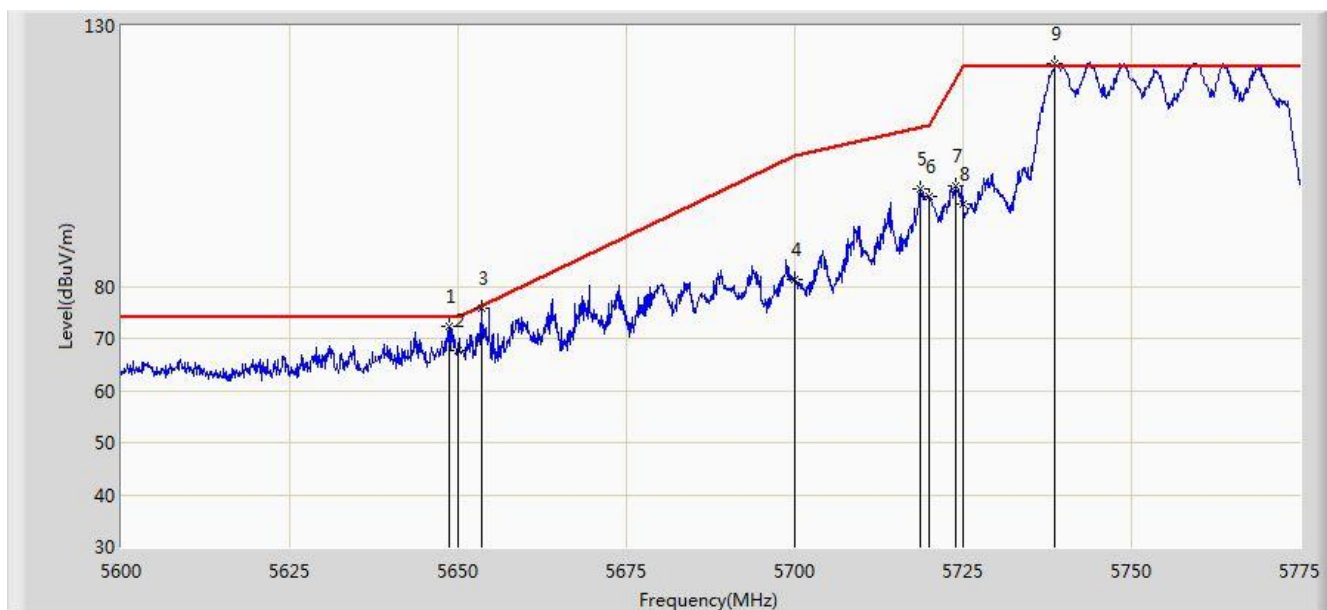


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.862	60.989	56.325	-13.011	74.000	4.664	PK
2			5650.000	59.285	54.614	-14.715	74.000	4.671	PK
3			5697.825	71.305	66.438	-32.544	103.849	4.866	PK
4			5700.000	66.575	61.697	-38.625	105.200	4.878	PK
5			5717.425	84.145	79.165	-25.935	110.080	4.981	PK
6			5720.000	80.626	75.629	-30.174	110.800	4.997	PK
7			5723.550	88.080	83.060	-30.815	118.895	5.020	PK
8			5725.000	82.813	77.784	-39.387	122.200	5.029	PK
9			5752.687	108.919	103.720	N/A	N/A	5.198	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:01
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1+2	

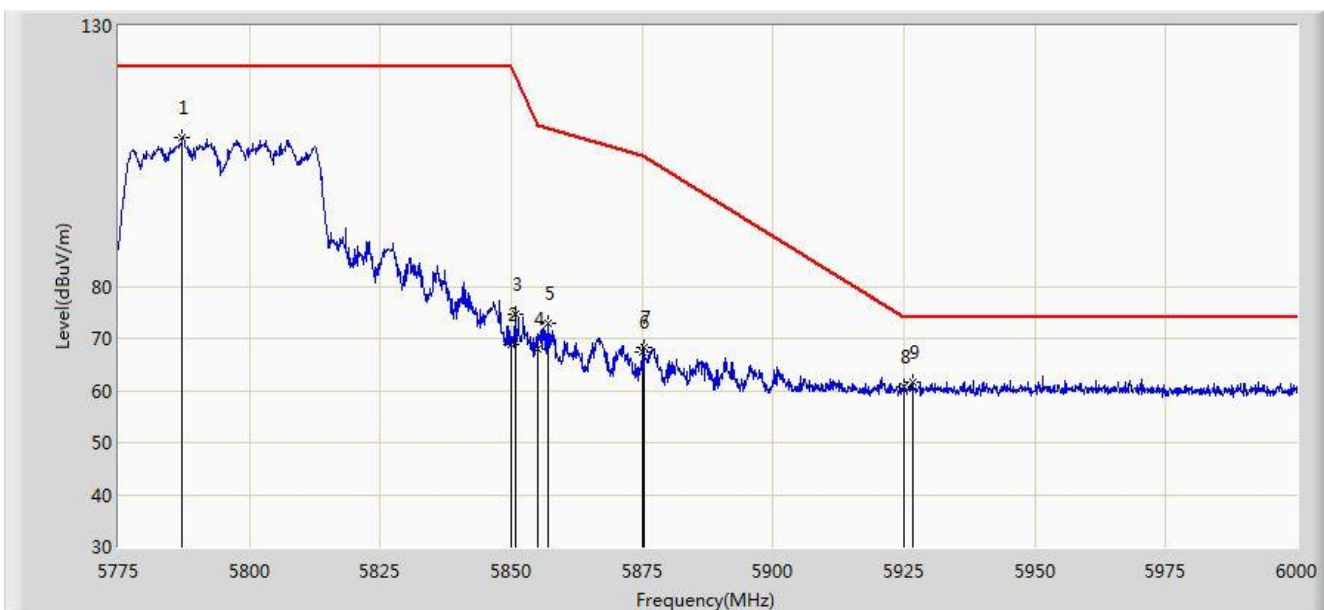


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5648.737	72.386	67.719	-1.614	74.000	4.666	PK
2			5650.000	67.802	63.131	-6.198	74.000	4.671	PK
3			5653.462	75.694	71.012	-0.475	76.169	4.682	PK
4			5700.000	81.321	76.443	-23.879	105.200	4.878	PK
5			5718.737	98.601	93.612	-11.846	110.447	4.989	PK
6			5720.000	97.106	92.109	-13.694	110.800	4.997	PK
7			5723.900	99.219	94.197	-20.474	119.693	5.022	PK
8			5725.000	95.728	90.699	-26.472	122.200	5.029	PK
9		*	5738.687	122.817	117.701	N/A	N/A	5.116	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:08
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1+2	

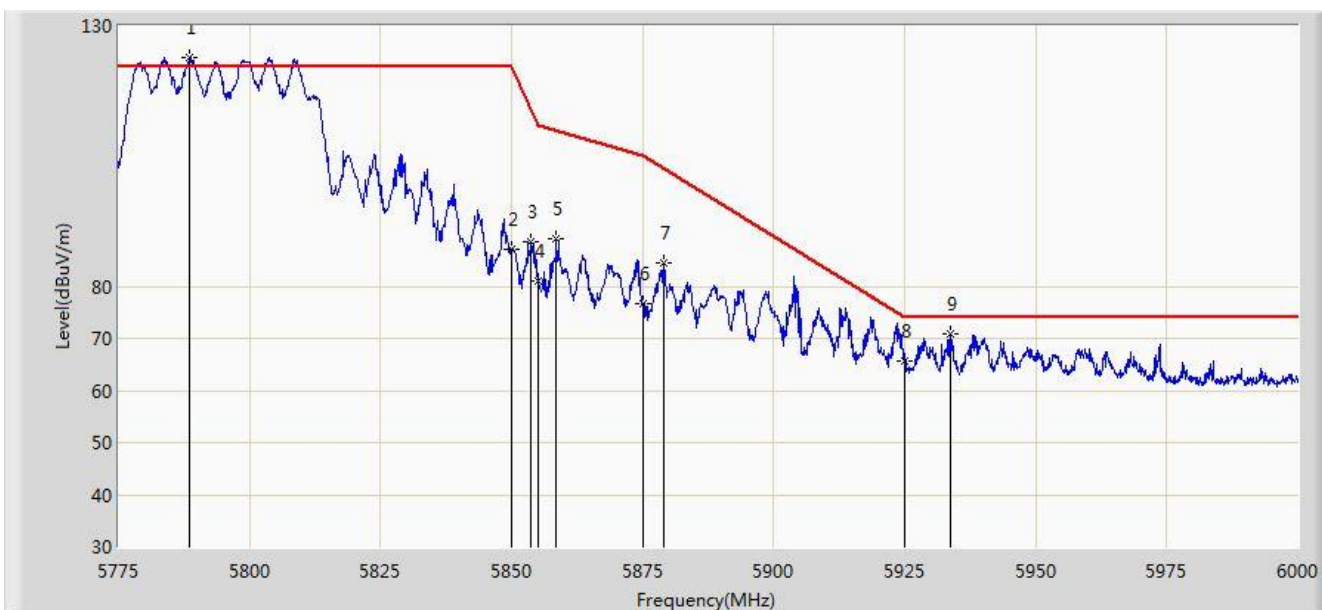


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5787.150	108.431	103.054	N/A	N/A	5.378	PK
2			5850.000	68.697	62.971	-53.503	122.200	5.726	PK
3			5850.712	74.711	68.983	-45.865	120.576	5.729	PK
4			5855.000	67.842	62.096	-42.958	110.800	5.746	PK
5			5857.125	72.829	67.074	-37.375	110.204	5.755	PK
6			5875.000	67.371	61.551	-37.829	105.200	5.820	PK
7			5875.350	68.196	62.375	-36.785	104.981	5.821	PK
8			5925.000	60.646	54.680	-13.354	74.000	5.967	PK
9		*	5926.650	61.472	55.501	-12.528	74.000	5.970	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:06
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1+2	

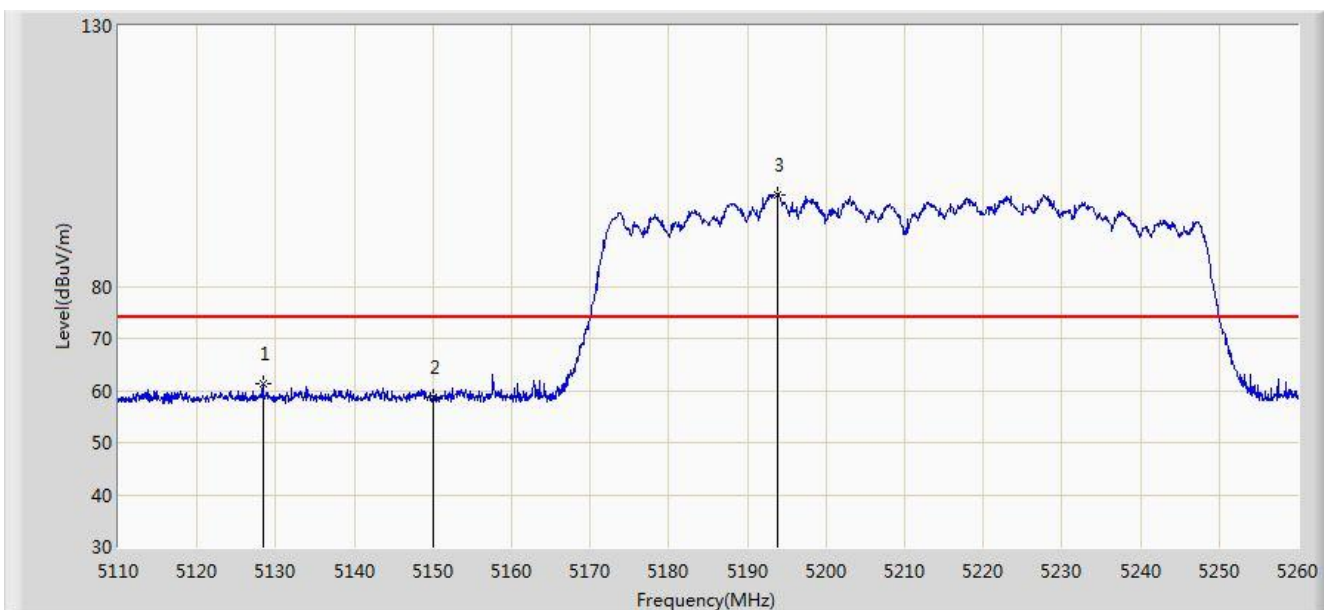


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.612	124.033	118.648	N/A	N/A	5.385	PK
2			5850.000	87.067	81.341	-35.133	122.200	5.726	PK
3			5853.638	88.439	82.698	-25.466	113.904	5.741	PK
4			5855.000	81.123	75.377	-29.677	110.800	5.746	PK
5			5858.587	89.207	83.446	-20.587	109.794	5.761	PK
6			5875.000	76.652	70.832	-28.548	105.200	5.820	PK
7			5878.950	84.435	78.602	-18.290	102.726	5.833	PK
8			5925.000	65.705	59.739	-8.295	74.000	5.967	PK
9			5933.625	70.844	64.856	-3.156	74.000	5.988	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2	

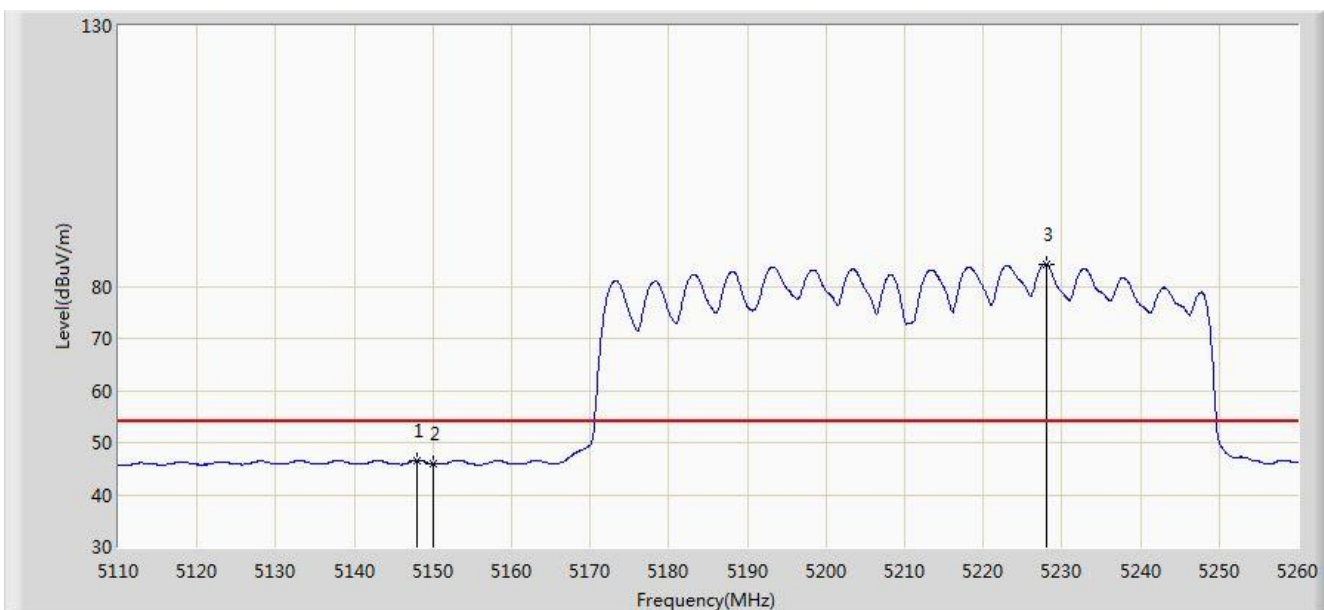


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5128.375	61.305	57.130	-12.695	74.000	4.175	PK
2			5150.000	58.718	54.549	-15.282	74.000	4.170	PK
3		*	5193.925	97.569	93.550	N/A	N/A	4.019	PK

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: 2016/12/22 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2	

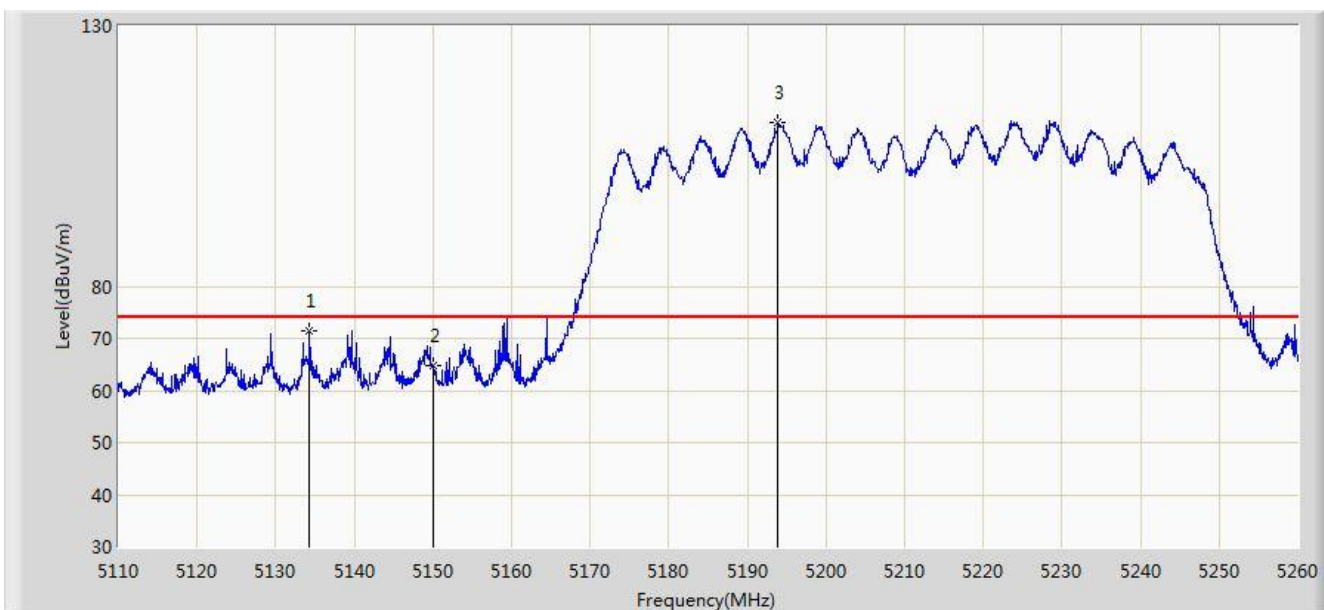


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.025	46.637	42.462	-7.363	54.000	4.176	AV
2			5150.000	45.896	41.727	-8.104	54.000	4.170	AV
3		*	5227.975	84.300	80.385	N/A	N/A	3.916	AV

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

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

Site: AC1	Time: 2016/12/22 - 19:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2	

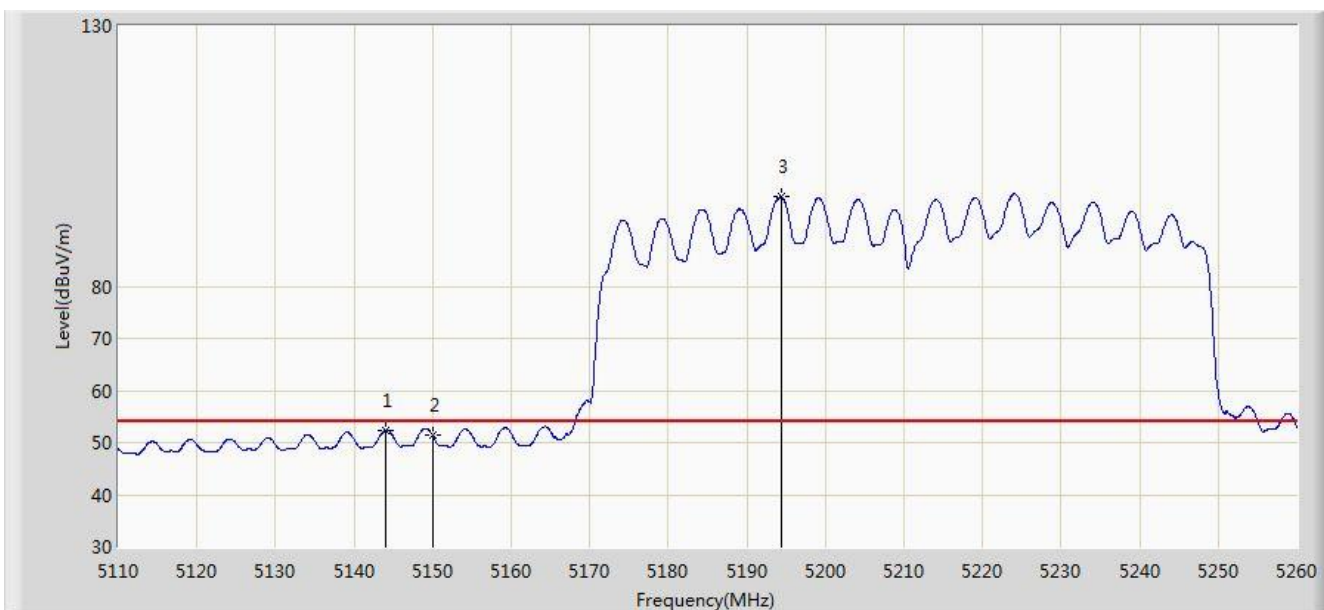


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.300	71.521	67.346	-2.479	74.000	4.175	PK
2			5150.000	64.717	60.548	-9.283	74.000	4.170	PK
3		*	5193.925	111.420	107.401	N/A	N/A	4.019	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1+2	

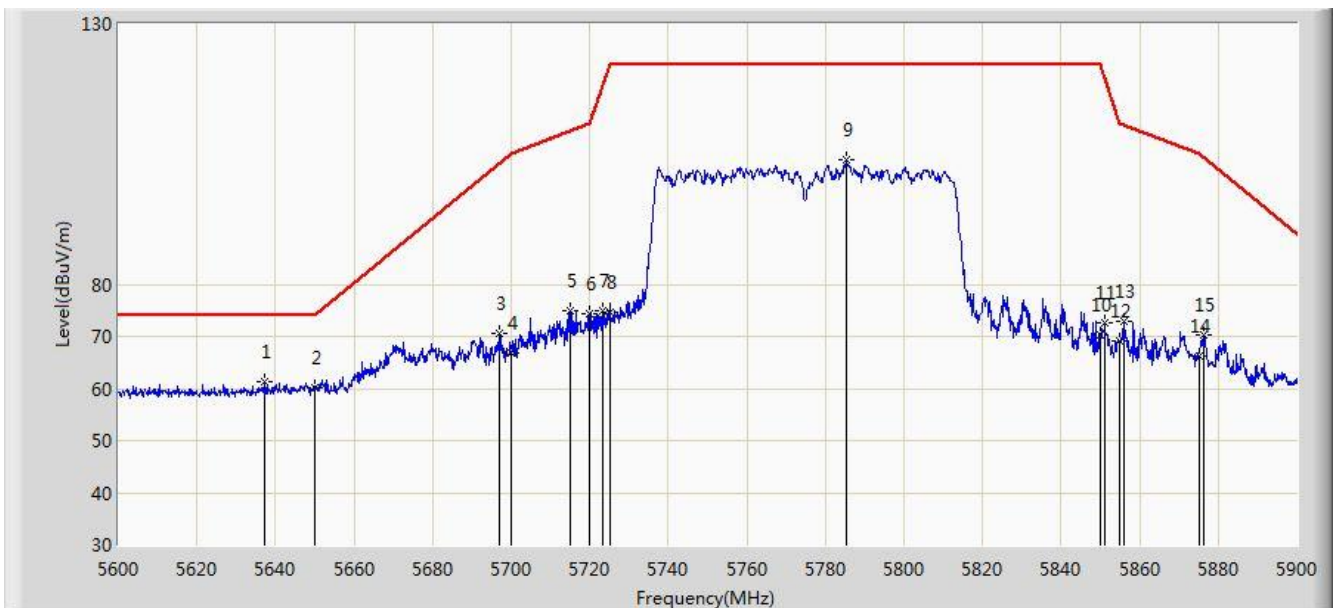


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.975	52.435	48.259	-1.565	54.000	4.176	AV
2			5150.000	51.354	47.185	-2.646	54.000	4.170	AV
3		*	5194.375	97.117	93.099	N/A	N/A	4.018	AV

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: 2016/12/22 - 19:24
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1+2	

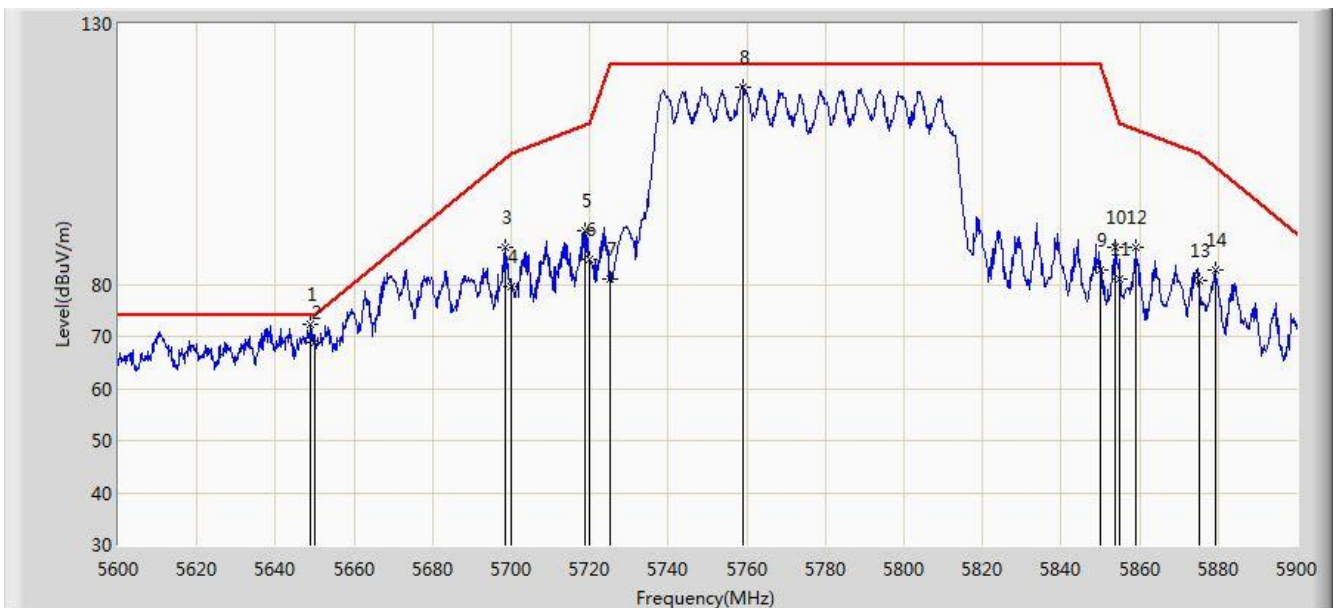


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5637.350	61.177	56.547	-12.823	74.000	4.630	PK
2			5650.000	60.210	55.539	-13.790	74.000	4.671	PK
3			5696.900	70.625	65.763	-32.649	103.274	4.862	PK
4			5700.000	66.734	61.856	-38.466	105.200	4.878	PK
5			5715.050	75.030	70.065	-34.386	109.416	4.965	PK
6			5720.000	74.431	69.434	-36.369	110.800	4.997	PK
7			5723.300	75.034	70.016	-43.291	118.325	5.018	PK
8			5725.000	74.611	69.582	-47.589	122.200	5.029	PK
9			5785.400	103.788	98.419	N/A	N/A	5.368	PK
10			5850.000	70.145	64.419	-52.055	122.200	5.726	PK
11			5851.100	72.501	66.771	-47.190	119.691	5.730	PK
12			5855.000	69.129	63.383	-41.671	110.800	5.746	PK
13			5856.050	72.894	67.143	-37.612	110.506	5.751	PK
14			5875.000	66.339	60.519	-38.861	105.200	5.820	PK
15			5876.150	70.158	64.334	-34.322	104.479	5.824	PK
16			5925.000	61.006	55.040	-12.994	74.000	5.967	PK

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

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

Site: AC1	Time: 2016/12/22 - 19:22
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1+2	



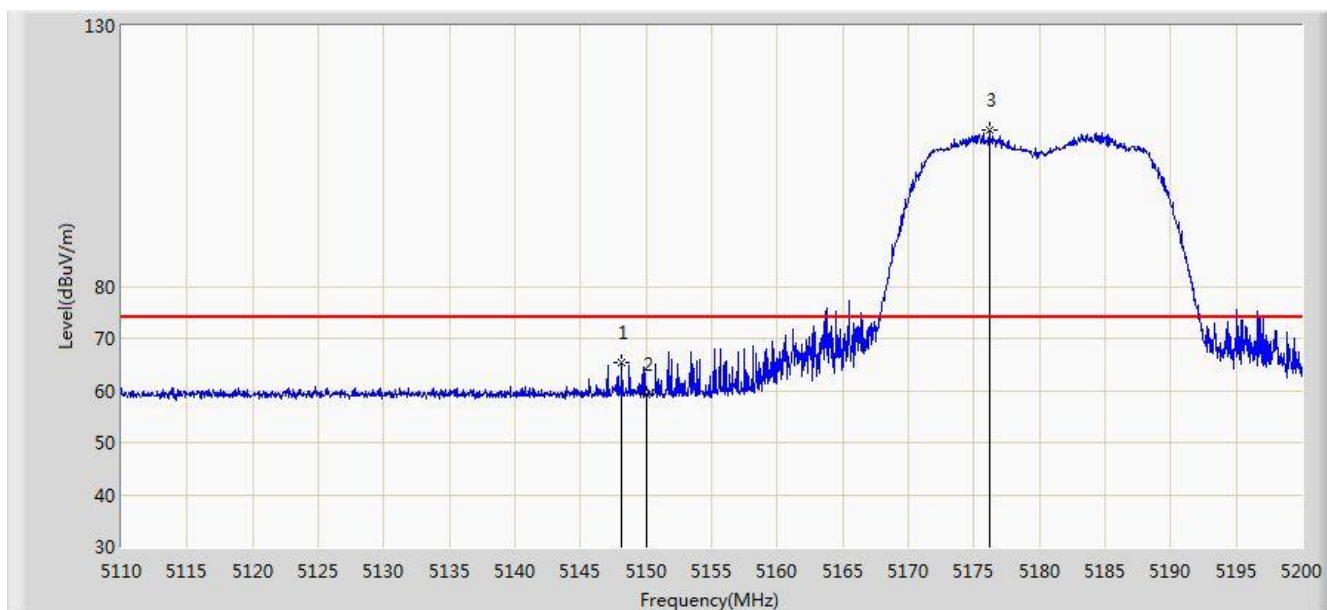
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.900	72.446	67.779	-1.554	74.000	4.667	PK
2			5650.000	68.899	64.228	-5.101	74.000	4.671	PK
3			5698.550	87.113	82.242	-17.187	104.299	4.871	PK
4			5700.000	79.515	74.637	-25.685	105.200	4.878	PK
5			5718.800	90.152	85.163	-20.312	110.465	4.989	PK
6			5720.000	84.919	79.922	-25.881	110.800	4.997	PK
7			5725.000	81.117	76.088	-41.083	122.200	5.029	PK
8			5759.000	117.834	112.600	N/A	N/A	5.234	PK
9			5850.000	82.739	77.013	-39.461	122.200	5.726	PK
10			5853.800	86.987	81.246	-26.548	113.535	5.741	PK
11			5855.000	80.907	75.161	-29.893	110.800	5.746	PK
12			5858.900	86.958	81.196	-22.748	109.707	5.762	PK
13			5875.000	80.597	74.777	-24.603	105.200	5.820	PK
14			5879.150	82.704	76.870	-19.896	102.600	5.834	PK
15			5925.000	72.295	66.329	-1.705	74.000	5.967	PK

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

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

Beforming Mode

Site: AC1	Time: 2016/12/23 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0 + 1 + 2	

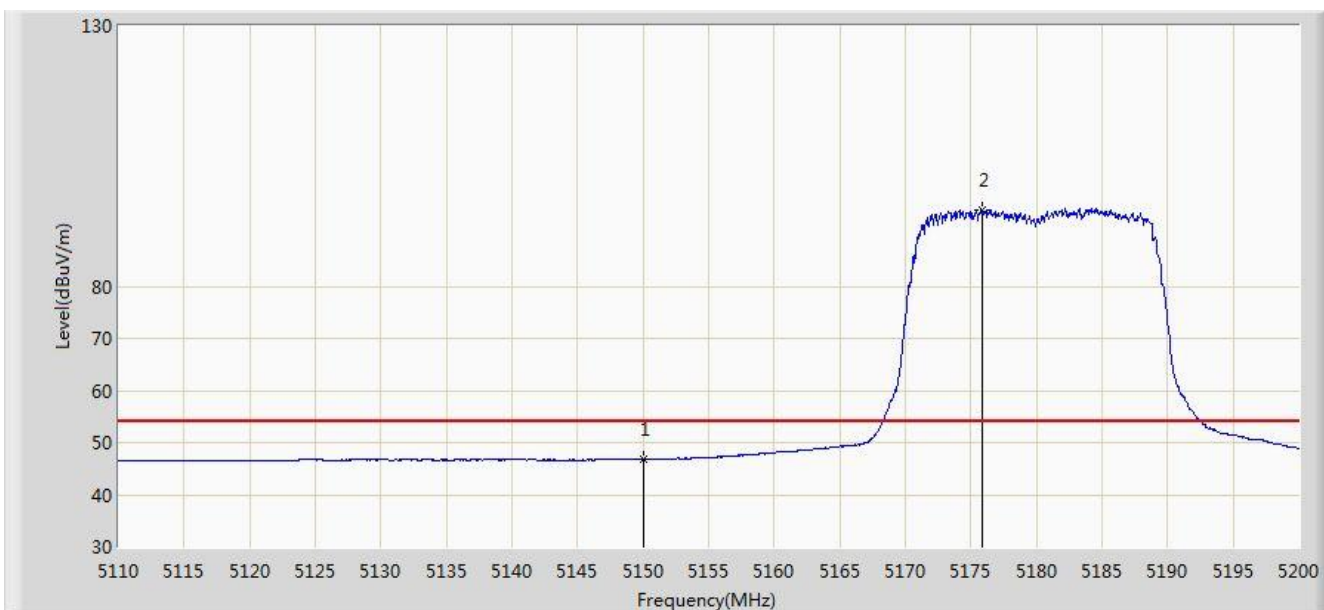


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.160	65.256	61.081	-8.744	74.000	4.175	PK
2			5150.000	59.345	55.176	-14.655	74.000	4.170	PK
3		*	5176.150	109.915	105.832	N/A	N/A	4.083	PK

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: 2016/12/23 - 23:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0 + 1 + 2	

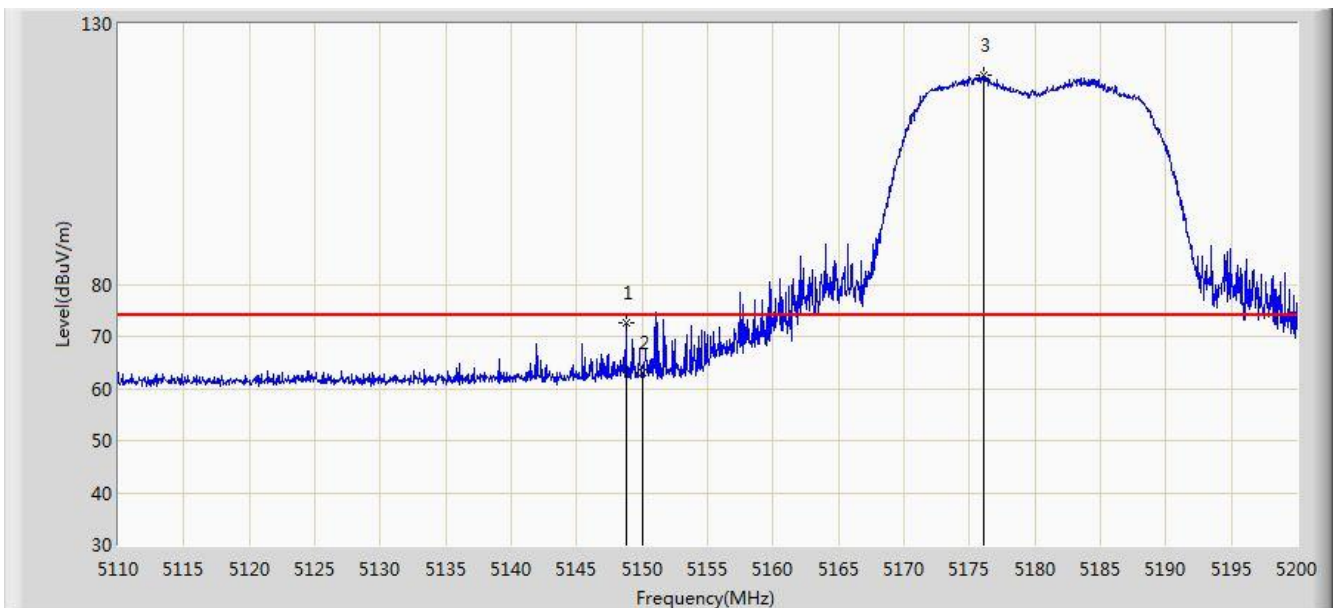


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.794	42.625	-7.206	54.000	4.170	AV
2		*	5175.835	94.781	90.697	N/A	N/A	4.084	AV

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: 2016/12/23 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0 + 1 + 2	

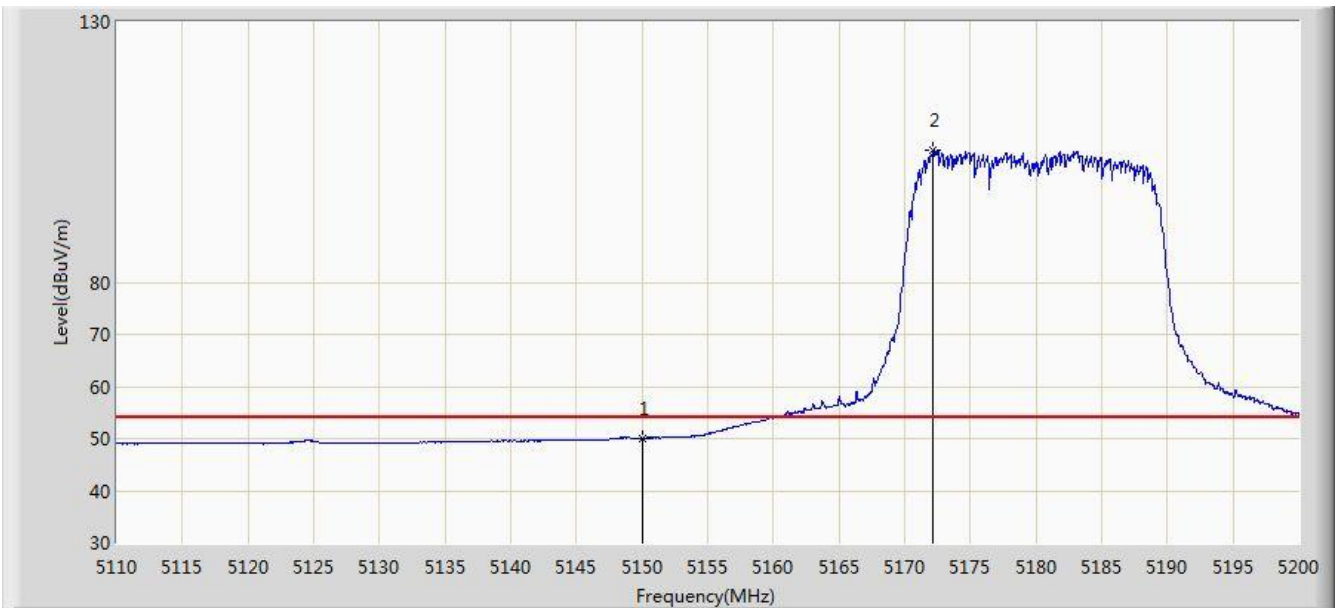


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.745	72.578	68.405	-1.422	74.000	4.174	PK
2			5150.000	63.048	58.879	-10.952	74.000	4.170	PK
3		*	5176.105	120.073	115.990	N/A	N/A	4.083	PK

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: 2016/12/23 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0 + 1 + 2	

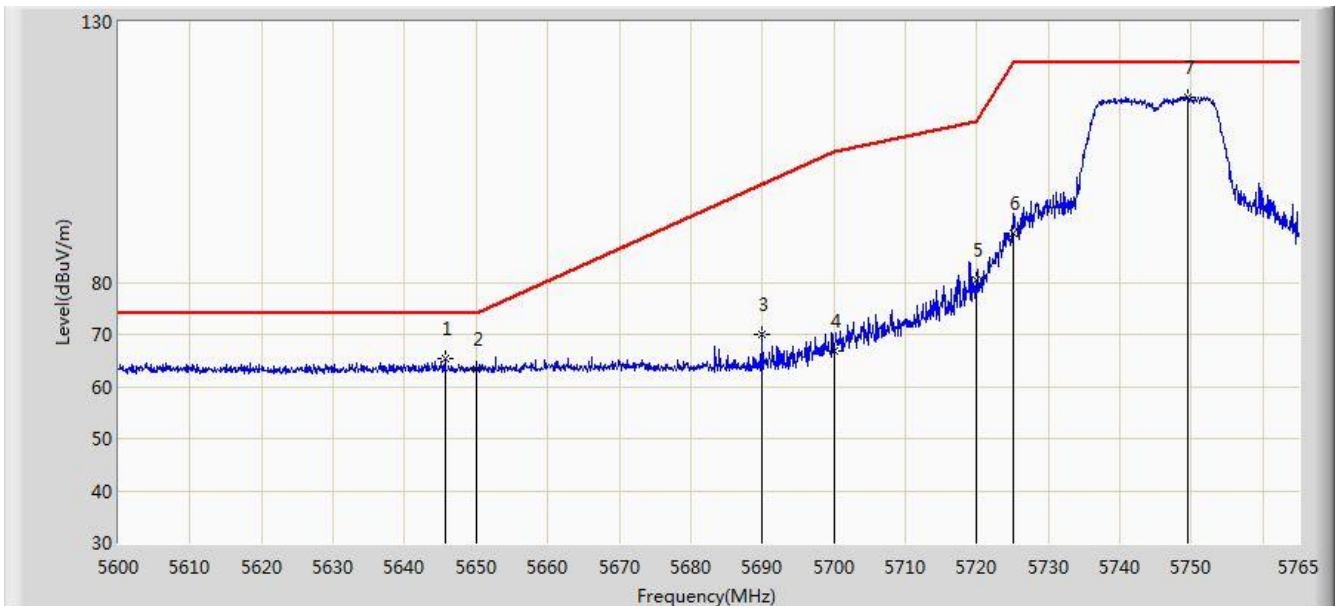


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.080	45.911	-3.920	54.000	4.170	AV
2		*	5172.190	105.330	101.233	N/A	N/A	4.096	AV

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

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

Site: AC1	Time: 2016/12/23 - 23:46
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0 + 1 + 2	

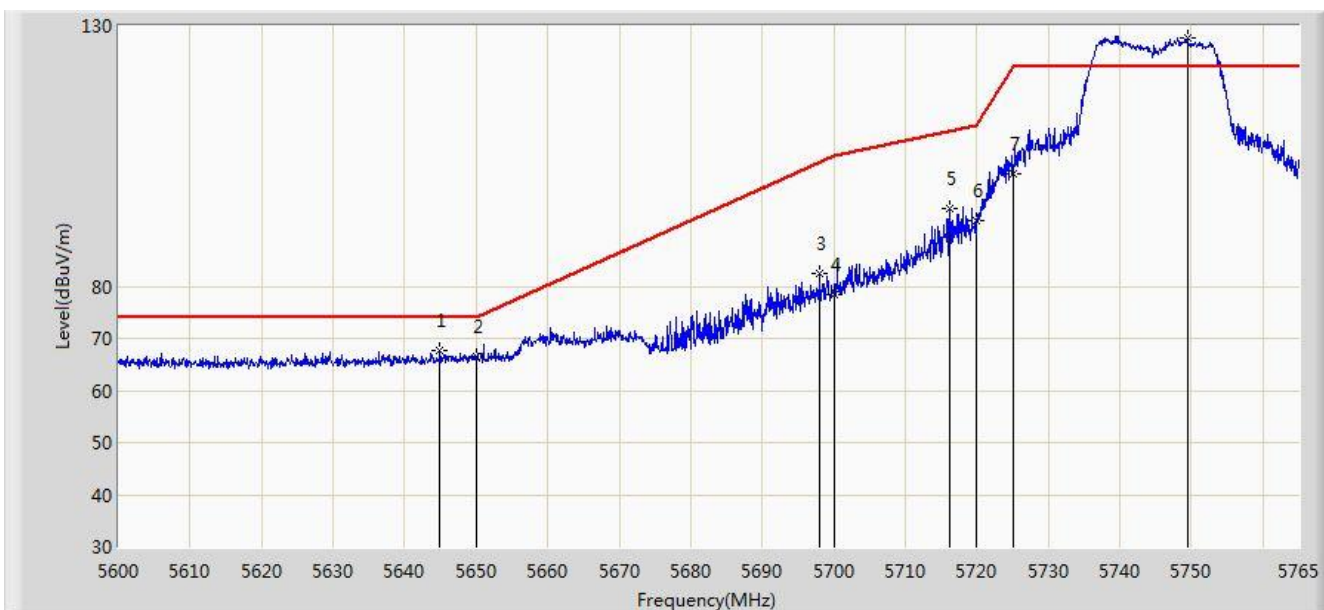


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.623	65.418	60.762	-8.582	74.000	4.657	PK
2			5650.000	63.263	58.592	-10.737	74.000	4.671	PK
3			5690.007	70.126	65.298	-28.861	98.986	4.828	PK
4			5700.000	66.757	61.879	-38.443	105.200	4.878	PK
5			5720.000	80.519	75.522	-30.281	110.800	4.997	PK
6			5725.000	89.473	84.444	-32.727	122.200	5.029	PK
7		*	5749.408	115.642	110.462	N/A	N/A	5.180	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:41
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0 + 1 + 2	

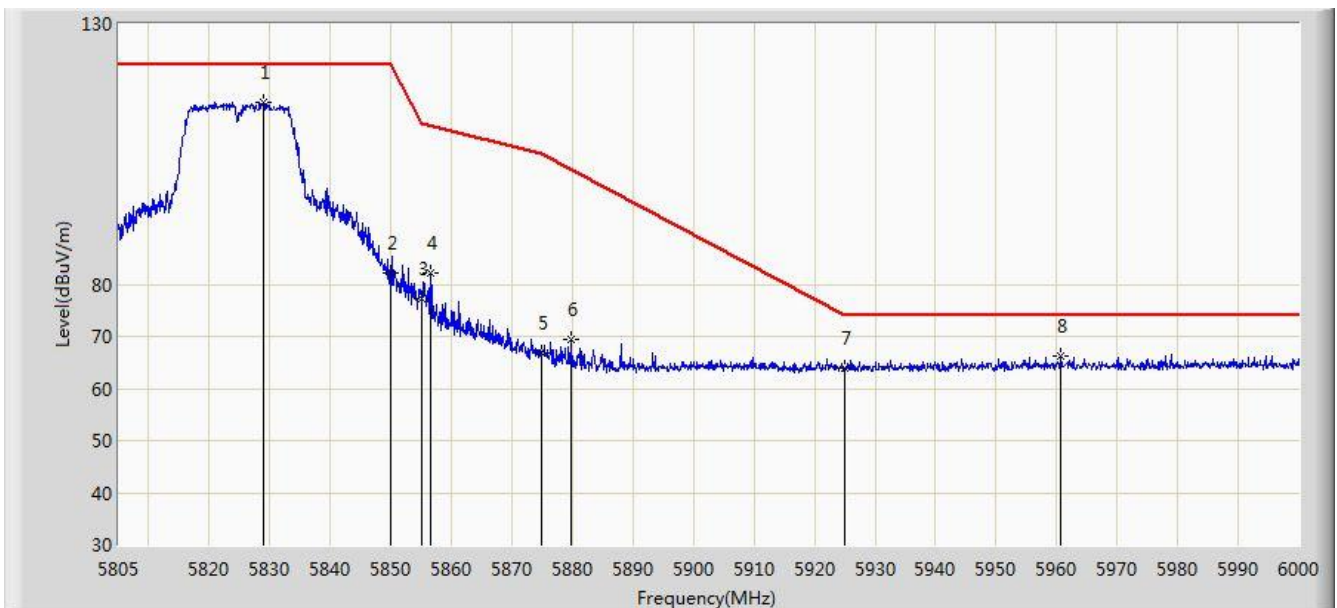


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.962	67.595	62.941	-6.405	74.000	4.654	PK
2			5650.000	66.511	61.840	-7.489	74.000	4.671	PK
3			5698.010	82.575	77.707	-21.389	103.963	4.868	PK
4			5700.000	78.349	73.471	-26.851	105.200	4.878	PK
5			5716.160	94.808	89.836	-14.918	109.726	4.971	PK
6			5720.000	92.566	87.569	-18.234	110.800	4.997	PK
7			5725.000	101.510	96.481	-20.690	122.200	5.029	PK
8		*	5749.490	127.726	122.546	N/A	N/A	5.180	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:53
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0 + 1 + 2	

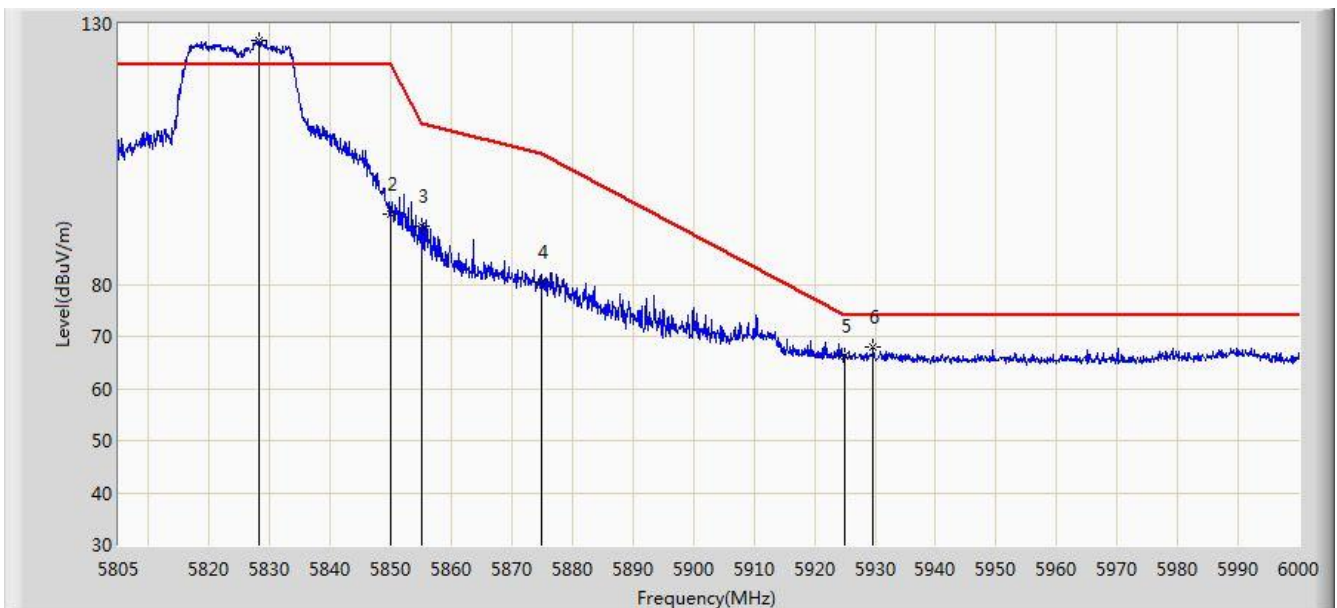


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.888	114.927	109.316	N/A	N/A	5.610	PK
2			5850.000	82.241	76.515	-39.959	122.200	5.726	PK
3			5855.000	77.250	71.504	-33.550	110.800	5.746	PK
4			5856.675	82.258	76.505	-28.072	110.330	5.754	PK
5			5875.000	66.843	61.023	-38.357	105.200	5.820	PK
6			5879.783	69.354	63.518	-32.850	102.204	5.837	PK
7			5925.000	63.846	57.880	-10.154	74.000	5.967	PK
8			5960.708	66.227	60.182	-7.773	74.000	6.045	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:47
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0 + 1 + 2	

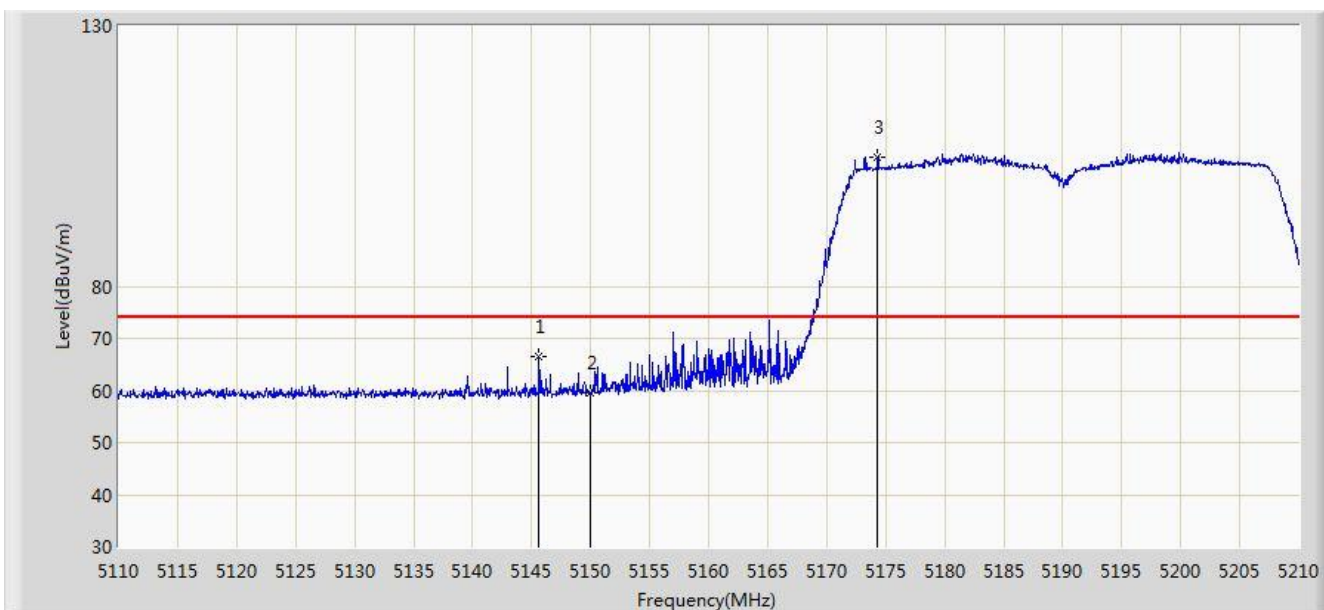


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.107	126.761	121.155	N/A	N/A	5.606	PK
2			5850.000	93.382	87.656	-28.818	122.200	5.726	PK
3			5855.000	91.238	85.492	-19.562	110.800	5.746	PK
4			5875.000	80.397	74.577	-24.803	105.200	5.820	PK
5			5925.000	66.360	60.394	-7.640	74.000	5.967	PK
6			5929.703	67.968	61.990	-6.032	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: 2016/12/23 - 22:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0 + 1 + 2	

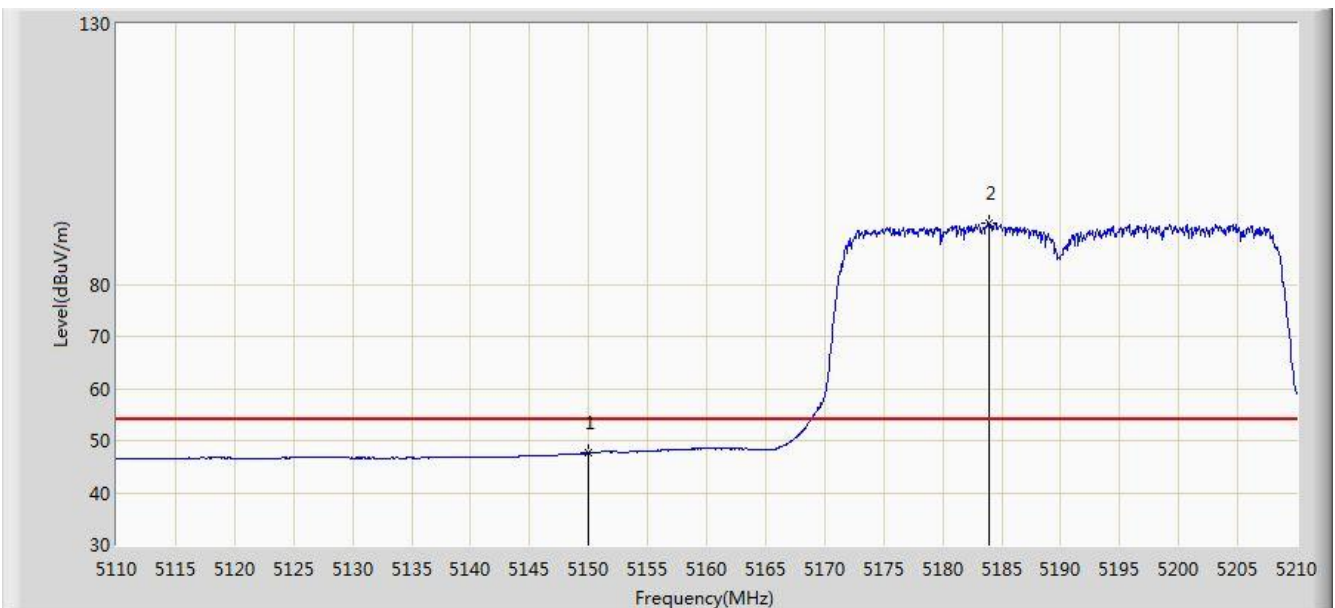


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.650	66.600	62.424	-7.400	74.000	4.176	PK
2			5150.000	59.637	55.468	-14.363	74.000	4.170	PK
3		*	5174.300	104.927	100.838	N/A	N/A	4.088	PK

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: 2016/12/23 - 22:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0 + 1 + 2	

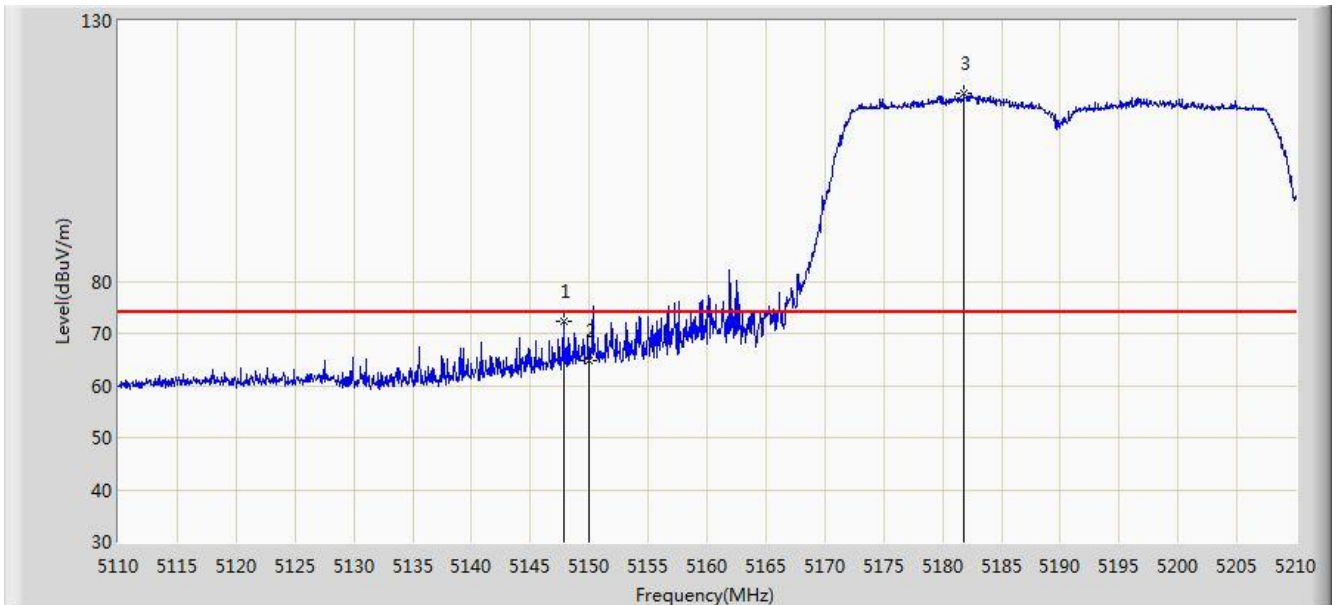


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.649	43.480	-6.351	54.000	4.170	AV
2		*	5183.900	91.745	87.690	N/A	N/A	4.056	AV

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: 2016/12/23 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0 + 1 + 2	

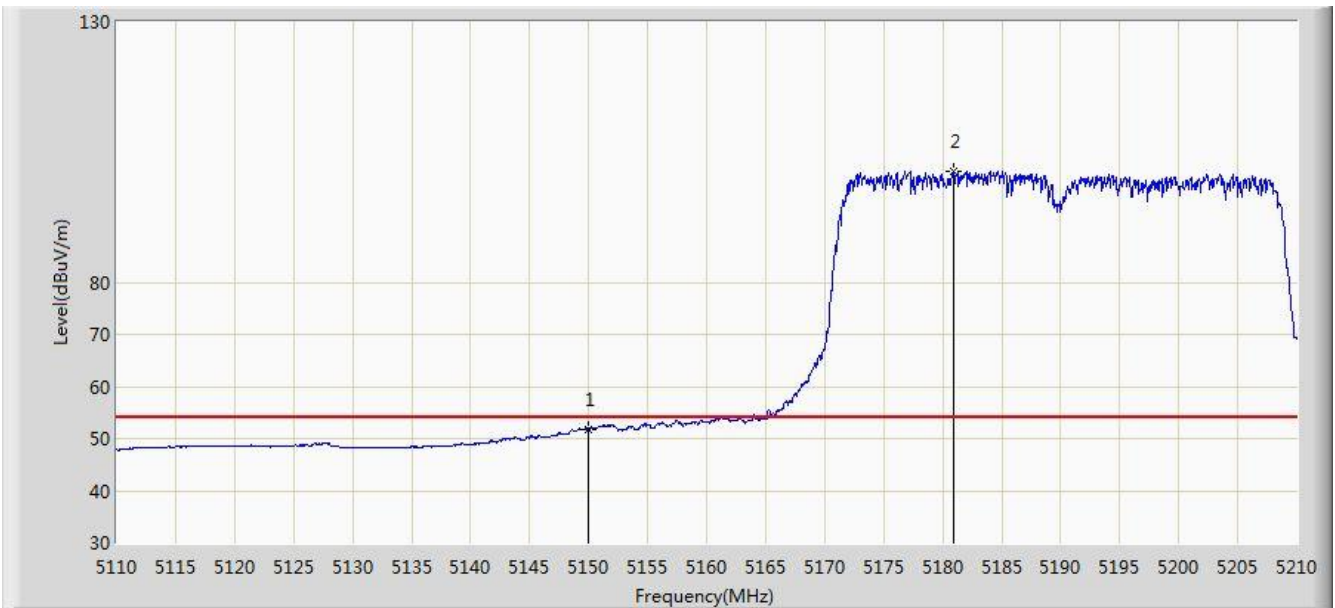


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	72.266	68.090	-1.734	74.000	4.176	PK
2			5150.000	64.758	60.589	-9.242	74.000	4.170	PK
3		*	5181.800	116.056	111.994	N/A	N/A	4.063	PK

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: 2016/12/23 - 22:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0 + 1 + 2	

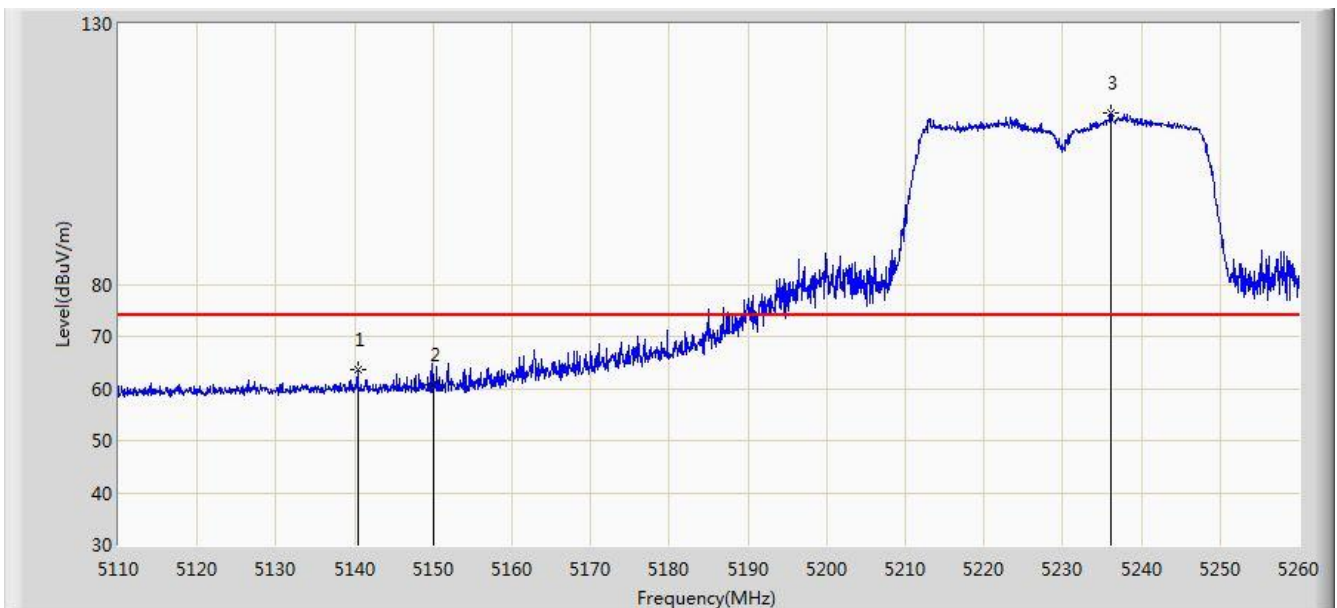


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.766	47.597	-2.234	54.000	4.170	AV
2		*	5180.950	101.366	97.301	N/A	N/A	4.066	AV

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

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

Site: AC1	Time: 2016/12/23 - 22:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0 + 1 + 2	

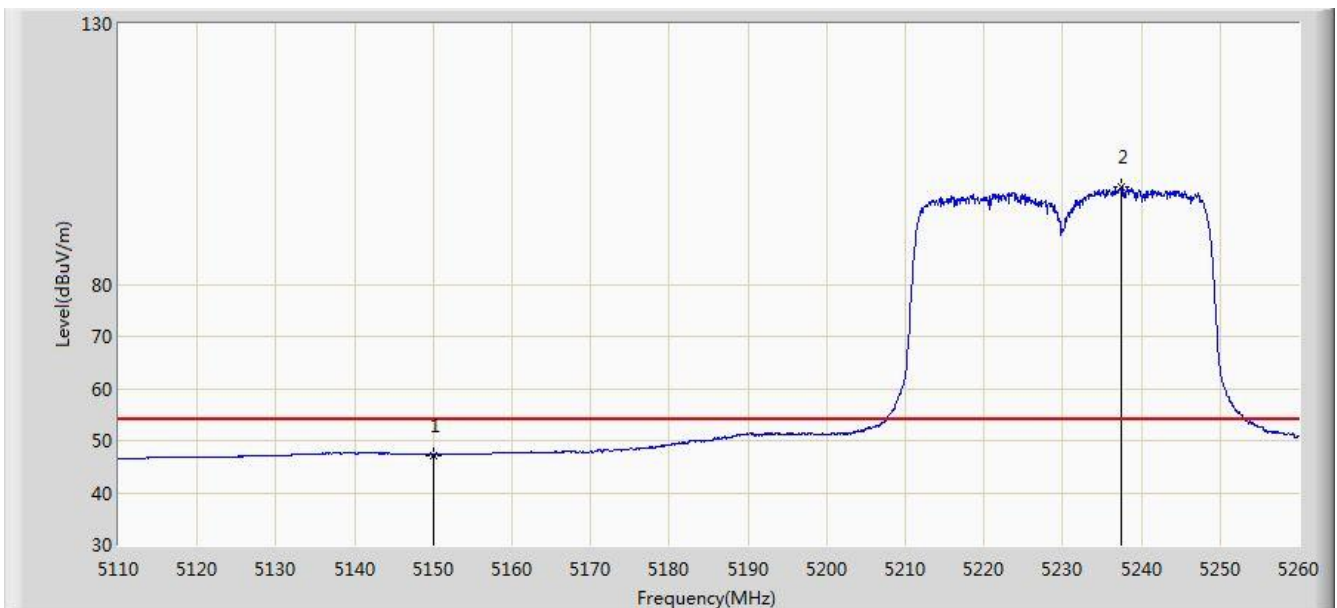


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.375	63.517	59.342	-10.483	74.000	4.176	PK
2			5150.000	60.788	56.619	-13.212	74.000	4.170	PK
3		*	5236.150	112.865	108.974	N/A	N/A	3.891	PK

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

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

Site: AC1	Time: 2016/12/23 - 22:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0 + 1 + 2	

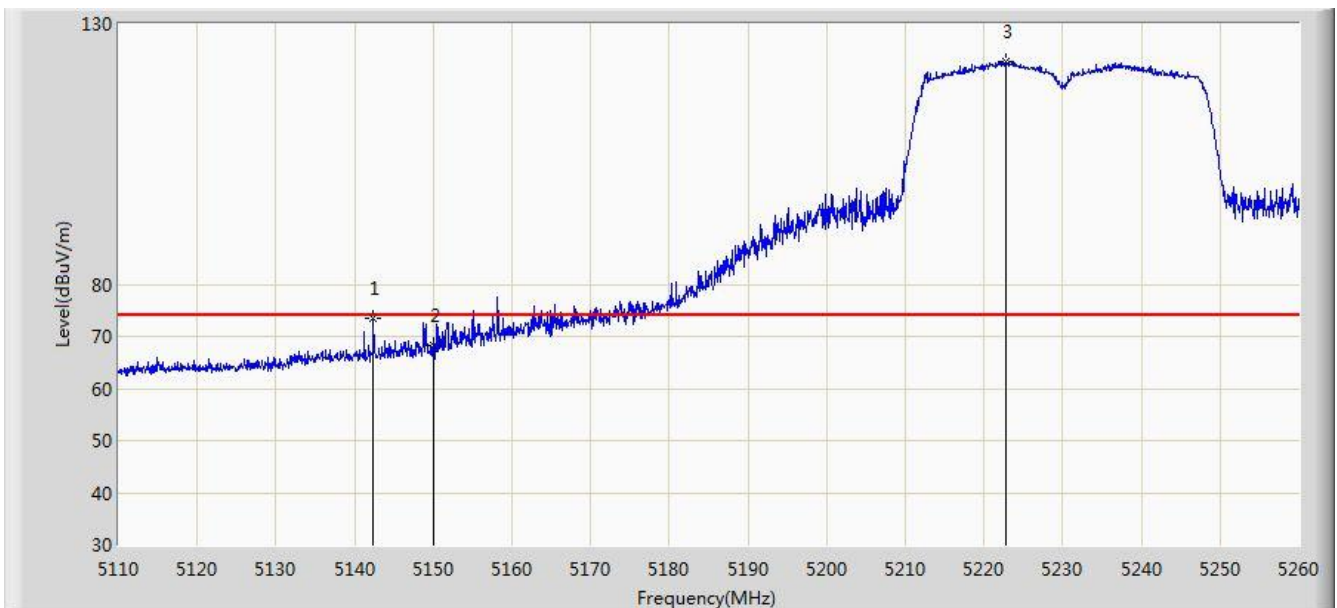


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.232	43.063	-6.768	54.000	4.170	AV
2		*	5237.500	98.665	94.778	N/A	N/A	3.887	AV

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: 2016/12/23 - 22:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0 + 1 + 2	

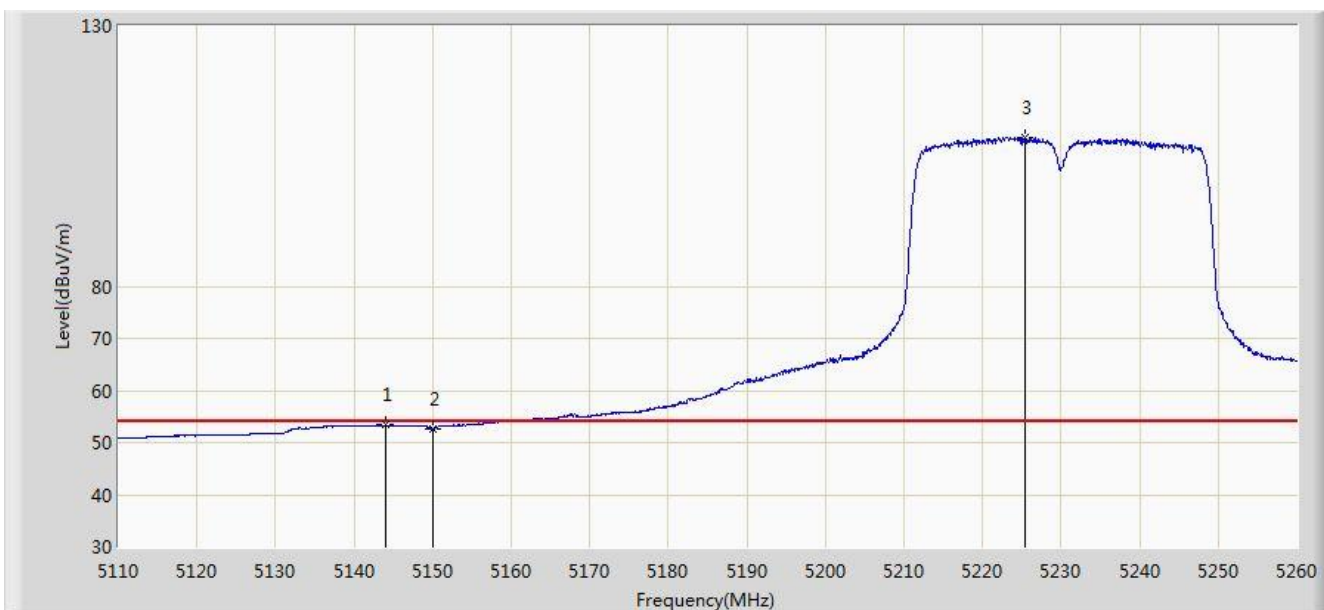


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.400	73.460	69.284	-0.540	74.000	4.175	PK
2			5150.000	68.174	64.005	-5.826	74.000	4.170	PK
3		*	5222.725	122.815	118.884	N/A	N/A	3.931	PK

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: 2016/12/23 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz Ant 0 + 1 + 2	

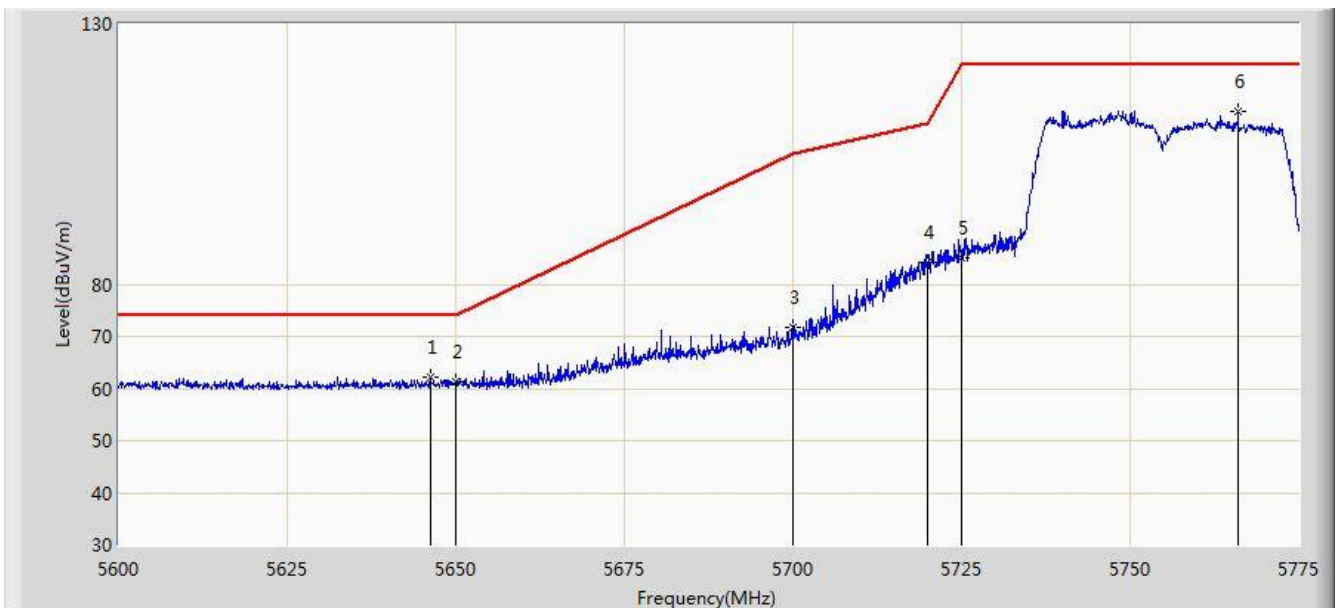


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.050	53.355	49.179	-0.645	54.000	4.176	AV
2			5150.000	52.719	48.550	-1.281	54.000	4.170	AV
3		*	5225.350	108.453	104.530	N/A	N/A	3.923	AV

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

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

Site: AC1	Time: 2016/12/23 - 23:01
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0 + 1 + 2	

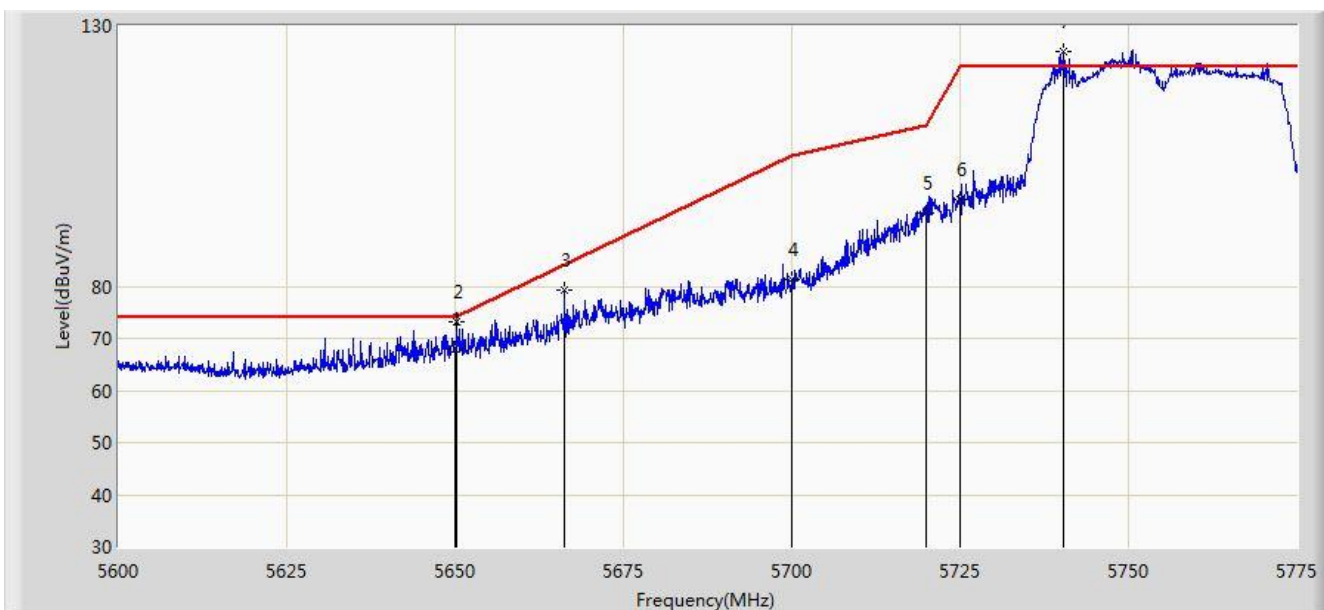


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.200	62.250	57.592	-11.750	74.000	4.658	PK
2			5650.000	61.180	56.509	-12.820	74.000	4.671	PK
3			5700.000	71.642	66.764	-33.558	105.200	4.878	PK
4			5720.000	84.111	79.114	-26.689	110.800	4.997	PK
5			5725.000	85.136	80.107	-37.064	122.200	5.029	PK
6		*	5765.987	113.085	107.815	N/A	N/A	5.270	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:00
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0 + 1 + 2	

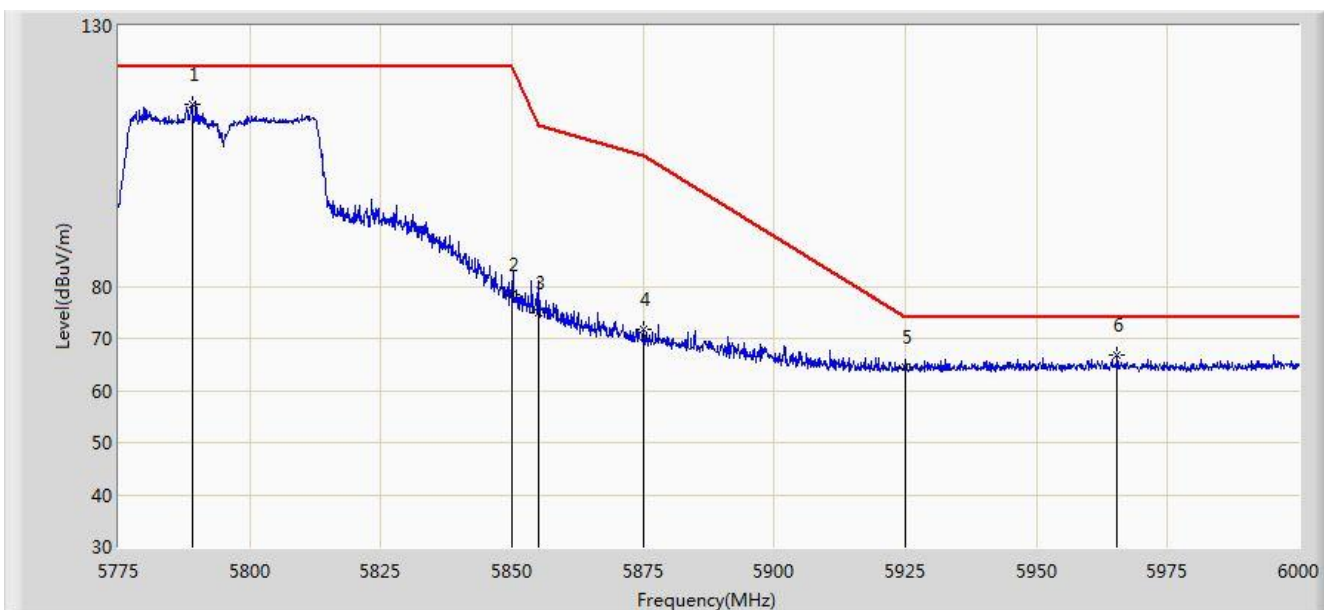


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	68.017	63.346	-5.983	74.000	4.671	PK
2			5650.225	73.267	68.595	-0.874	74.141	4.672	PK
3			5666.325	79.294	74.562	-4.923	84.217	4.732	PK
4			5700.000	81.263	76.385	-23.937	105.200	4.878	PK
5			5720.000	94.069	89.072	-16.731	110.800	4.997	PK
6			5725.000	96.634	91.605	-25.566	122.200	5.029	PK
7		*	5740.263	124.948	119.822	N/A	N/A	5.127	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:16
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0 + 1 + 2	

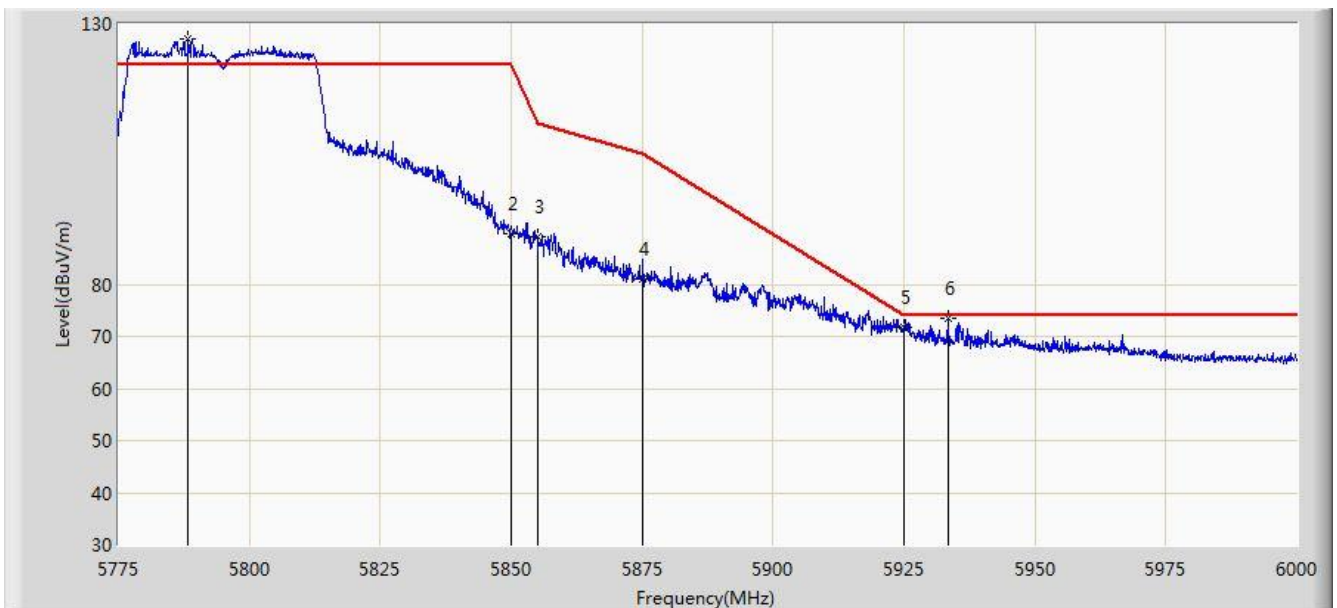


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.062	114.962	109.575	N/A	N/A	5.387	PK
2			5850.000	78.389	72.663	-43.811	122.200	5.726	PK
3			5855.000	75.048	69.302	-35.752	110.800	5.746	PK
4			5875.000	71.630	65.810	-33.570	105.200	5.820	PK
5			5925.000	64.627	58.661	-9.373	74.000	5.967	PK
6			5965.350	66.696	60.643	-7.304	74.000	6.053	PK

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

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

Site: AC1	Time: 2016/12/23 - 23:10
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0 + 1 + 2	

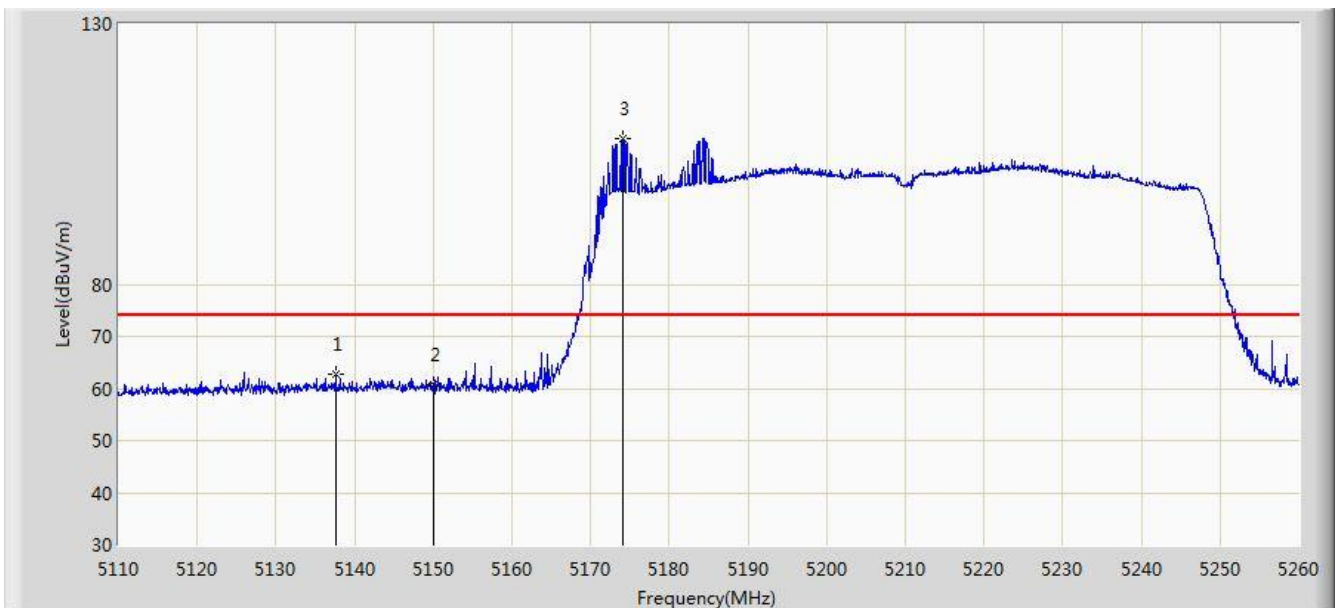


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.388	127.072	121.688	N/A	N/A	5.384	PK
2			5850.000	89.610	83.884	-32.590	122.200	5.726	PK
3			5855.000	89.117	83.371	-21.683	110.800	5.746	PK
4			5875.000	80.875	75.055	-24.325	105.200	5.820	PK
5			5925.000	71.884	65.918	-2.116	74.000	5.967	PK
6			5933.400	73.399	67.412	-0.601	74.000	5.988	PK

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

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

Site: AC1	Time: 2016/12/23 - 21:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0 + 1 + 2	

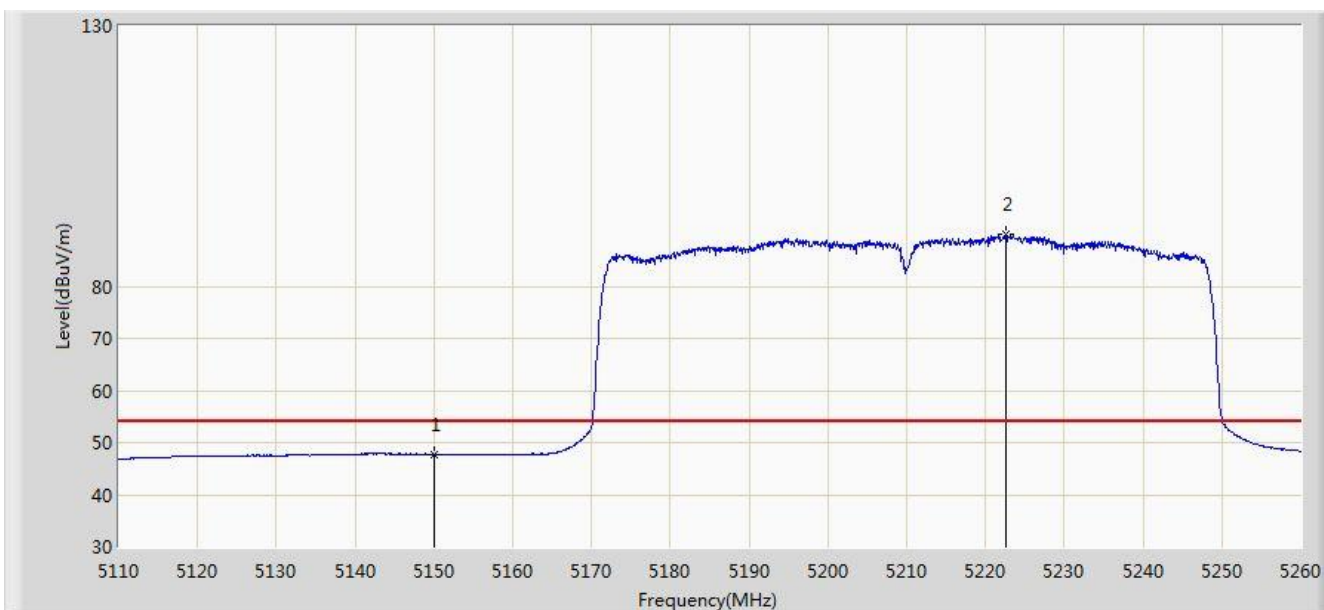


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5137.600	62.643	58.468	-11.357	74.000	4.175	PK
2			5150.000	60.751	56.582	-13.249	74.000	4.170	PK
3		*	5174.050	107.995	103.905	N/A	N/A	4.090	PK

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

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

Site: AC1	Time: 2016/12/23 - 21:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0 + 1 + 2	

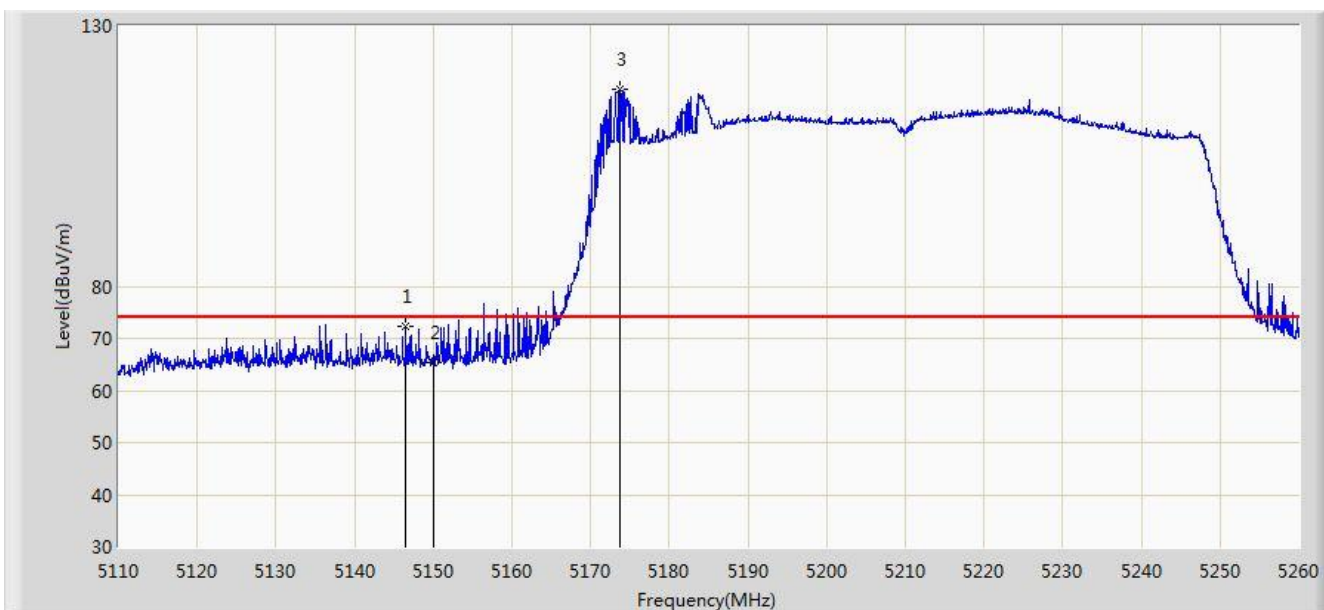


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.777	43.608	-6.223	54.000	4.170	AV
2		*	5222.650	89.871	85.940	N/A	N/A	3.931	AV

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

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

Site: AC1	Time: 2016/12/23 - 21:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0 + 1 + 2	

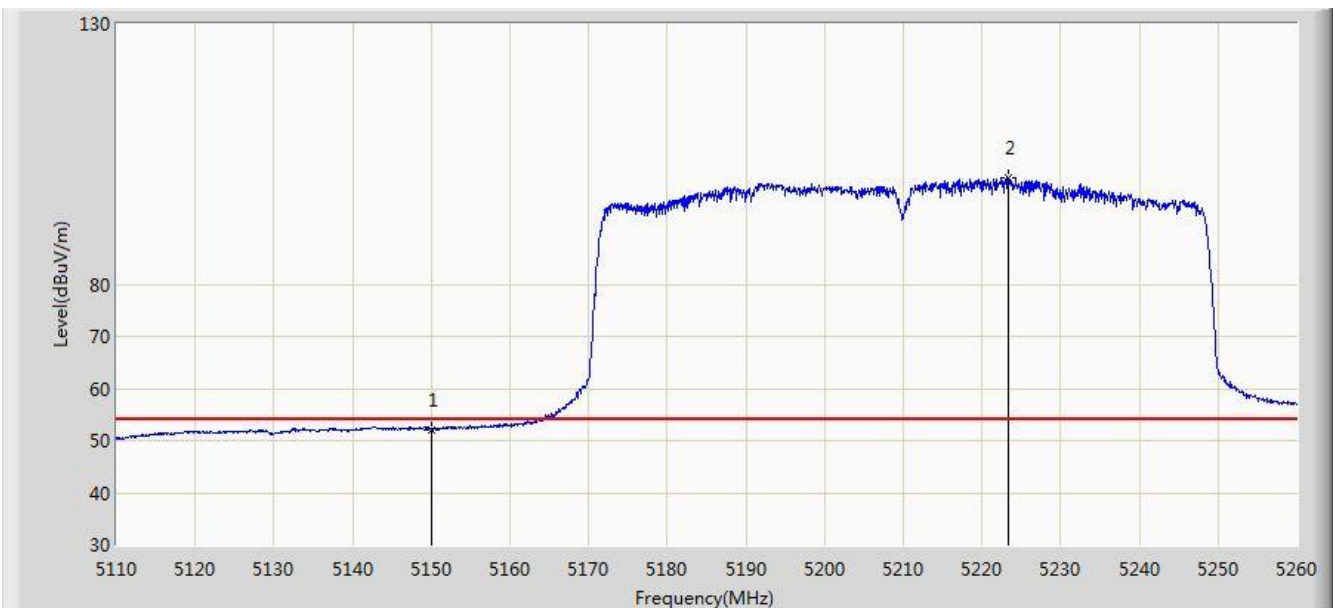


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.525	72.250	68.074	-1.750	74.000	4.176	PK
2			5150.000	65.420	61.251	-8.580	74.000	4.170	PK
3		*	5173.750	117.833	113.742	N/A	N/A	4.091	PK

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: 2016/12/23 - 21:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0 + 1 + 2	

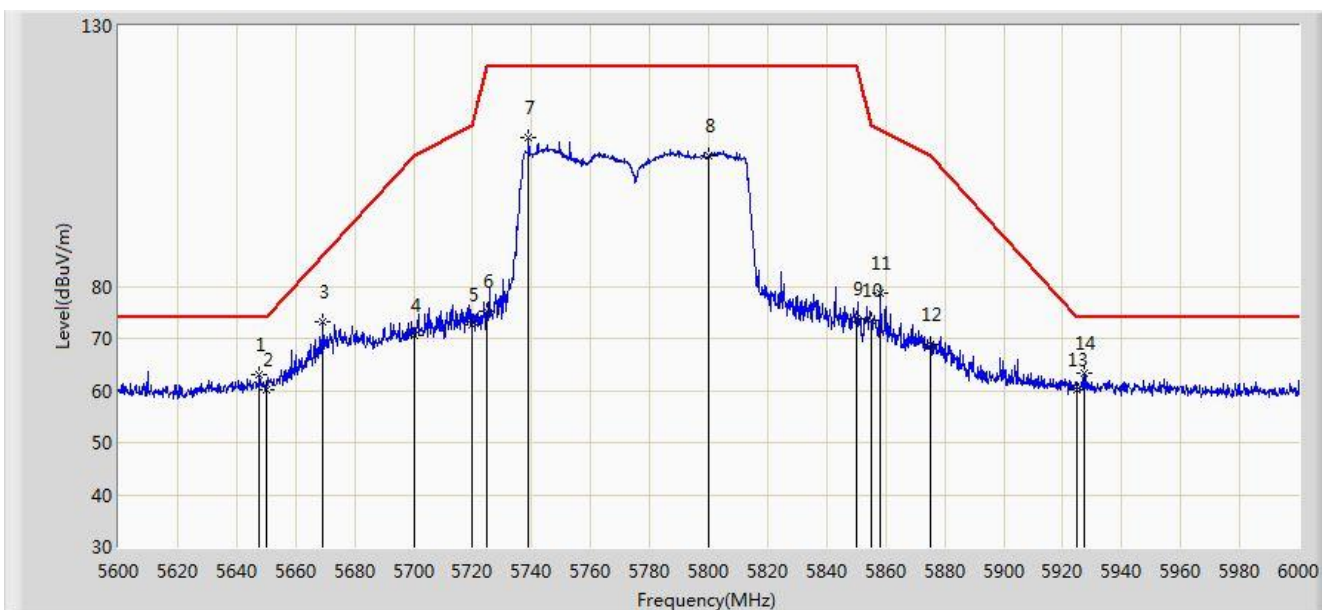


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.148	47.979	-1.852	54.000	4.170	AV
2		*	5223.325	100.344	96.415	N/A	N/A	3.929	AV

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

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

Site: AC1	Time: 2016/12/23 - 22:04
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0 + 1 + 2	

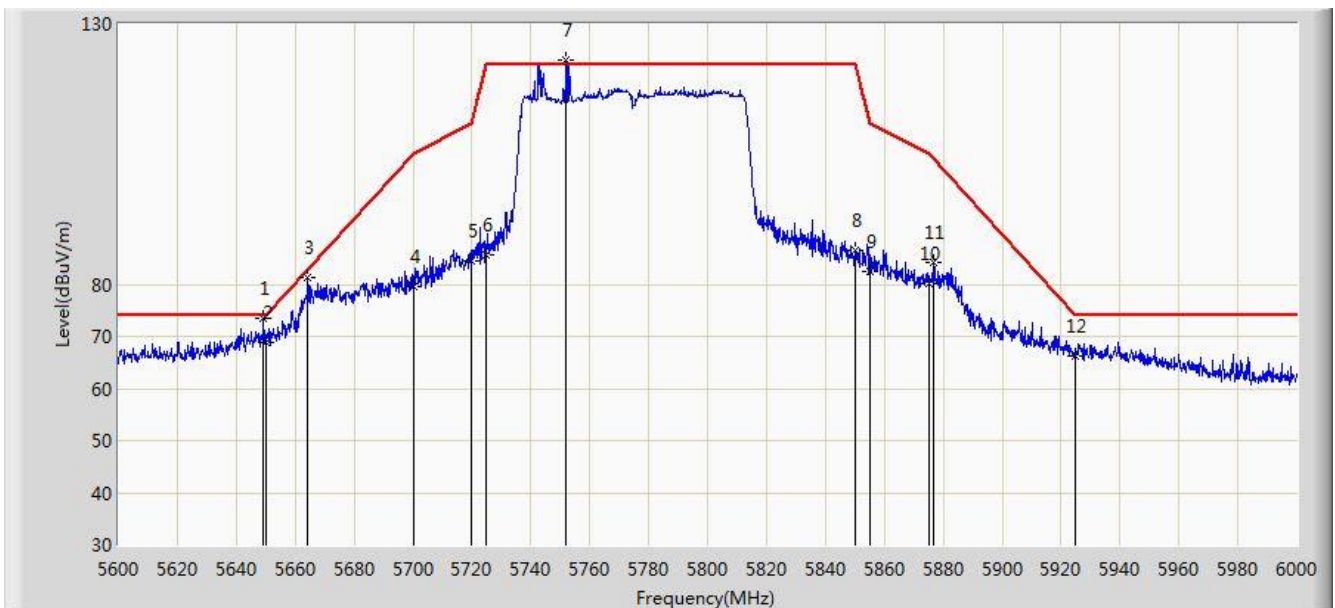


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.600	62.924	59.066	-11.076	74.000	3.859	PK
2			5650.000	60.108	56.305	-13.892	74.000	3.803	PK
3			5669.200	73.318	69.601	-12.696	86.013	3.717	PK
4			5700.000	70.645	65.767	-34.555	105.200	4.878	PK
5			5720.000	72.592	67.595	-38.208	110.800	4.997	PK
6			5725.000	75.303	70.274	-46.897	122.200	5.029	PK
7			5739.000	108.492	103.374	N/A	N/A	5.118	PK
8			5800.000	104.945	99.500	N/A	N/A	5.445	PK
9			5850.000	73.791	68.065	-48.409	122.200	5.726	PK
10			5855.000	73.512	67.766	-37.288	110.800	5.746	PK
11			5858.200	78.792	73.033	-31.110	109.903	5.760	PK
12			5875.000	68.959	63.139	-36.241	105.200	5.820	PK
13			5925.000	60.261	54.295	-13.739	74.000	5.967	PK
14		*	5927.400	63.391	57.419	-10.609	74.000	5.973	PK

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

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

Site: AC1	Time: 2016/12/23 - 21:52
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5649.200	73.377	68.709	-0.623	74.000	4.669	PK
2			5650.000	68.776	64.105	-5.224	74.000	4.671	PK
3			5664.400	81.166	76.441	-1.848	83.014	4.724	PK
4			5700.000	79.462	74.584	-25.738	105.200	4.878	PK
5			5720.000	84.378	79.381	-26.422	110.800	4.997	PK
6			5725.000	85.572	80.543	-36.628	122.200	5.029	PK
7		*	5752.000	123.020	117.825	N/A	N/A	5.194	PK
8			5850.000	86.503	80.777	-35.697	122.200	5.726	PK
9			5855.000	82.414	76.668	-28.386	110.800	5.746	PK
10			5875.000	80.132	74.312	-25.068	105.200	5.820	PK
11			5876.600	84.297	78.472	-19.900	104.197	5.826	PK
12			5925.000	66.300	60.334	-7.700	74.000	5.967	PK

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

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

7.9. AC Conducted Emissions Measurement

7.9.1. Test Limit

FCC Part 15.207 & RSS-Gen Issue 4 Section 8.8 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

7.9.2. 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.

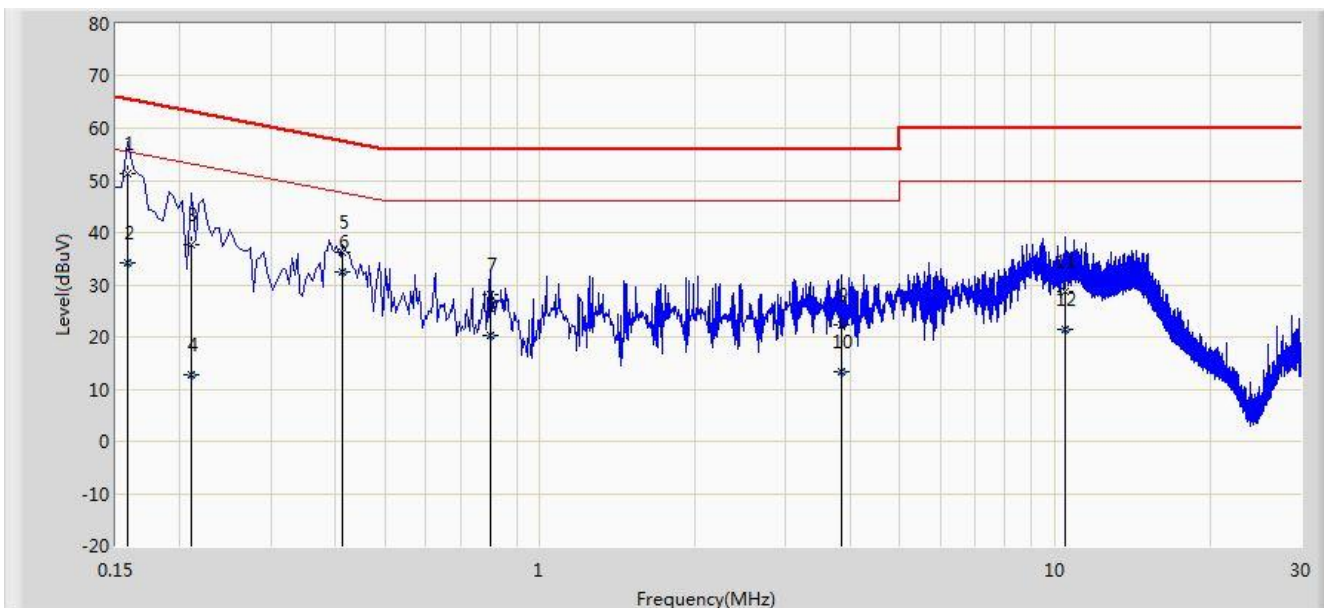
Diagram illustrating the experimental setup for measuring the radiation field of an EUT (Equipment Under Test). The setup includes a Non-conductive table, an Adapter, an Extension cord, an AMN (Antenna Measurement Nucleus), and a Spectrum Analyzer.

Key dimensions and components shown:

- The EUT is placed on the Non-conductive table, with a height of 0.4 m from the vertical ground reference plane.
- The Adapter is connected to the EUT and the Extension cord, with a height of 0.8 m from the horizontal ground plane.
- The Extension cord connects the Adapter to the AMN, with a height of 0.8 m from the horizontal ground plane.
- The AMN is connected to the Spectrum Analyzer and is bonded to the horizontal ground plane, with a height of 0.4 m from the vertical ground reference plane.
- The Spectrum Analyzer is placed on a separate table, with a height of 0.8 m from the horizontal ground plane.

7.9.4. Test Result

Site: SR2	Time: 2016/12/22 - 15:51
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ke
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Mode1	

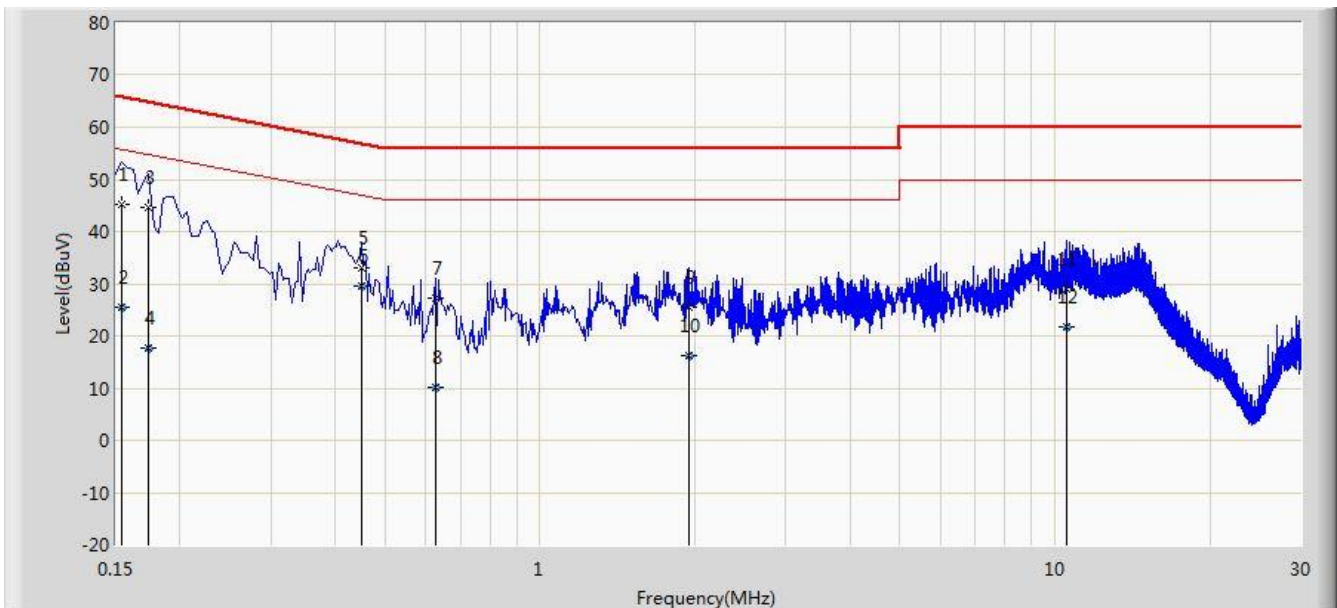


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.158	51.244	40.933	-14.325	65.568	10.311	QP
2			0.158	34.305	23.994	-21.263	55.568	10.311	AV
3			0.210	37.556	27.587	-25.650	63.205	9.969	QP
4			0.210	12.879	2.910	-40.326	53.205	9.969	AV
5			0.414	36.160	26.063	-21.408	57.568	10.097	QP
6			0.414	32.346	22.249	-15.221	47.568	10.097	AV
7			0.802	28.082	18.072	-27.918	56.000	10.010	QP
8			0.802	20.405	10.395	-25.595	46.000	10.010	AV
9			3.838	22.321	12.363	-33.679	56.000	9.958	QP
10			3.838	13.395	3.436	-32.605	46.000	9.958	AV
11			10.474	28.567	18.441	-31.433	60.000	10.126	QP
12			10.474	21.402	11.276	-28.598	50.000	10.126	AV

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

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

Site: SR2	Time: 2016/12/22 - 15:55
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ke
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	45.117	34.401	-20.665	65.781	10.716	QP
2			0.154	25.369	14.654	-30.412	55.781	10.716	AV
3			0.174	44.664	34.608	-20.103	64.767	10.057	QP
4			0.174	17.819	7.763	-36.948	54.767	10.057	AV
5			0.450	33.076	22.926	-23.799	56.875	10.150	QP
6		*	0.450	29.504	19.355	-17.371	46.875	10.150	AV
7			0.626	27.128	17.011	-28.872	56.000	10.117	QP
8			0.626	10.031	-0.086	-35.969	46.000	10.117	AV
9			1.942	25.582	15.706	-30.418	56.000	9.876	QP
10			1.942	16.092	6.217	-29.908	46.000	9.876	AV
11			10.566	28.984	18.836	-31.016	60.000	10.148	QP
12			10.566	21.783	11.635	-28.217	50.000	10.148	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 **AC2300 Wireless MU-MIMO Gigabit Router** is in compliance with Part 15E of the FCC Rules.

The End