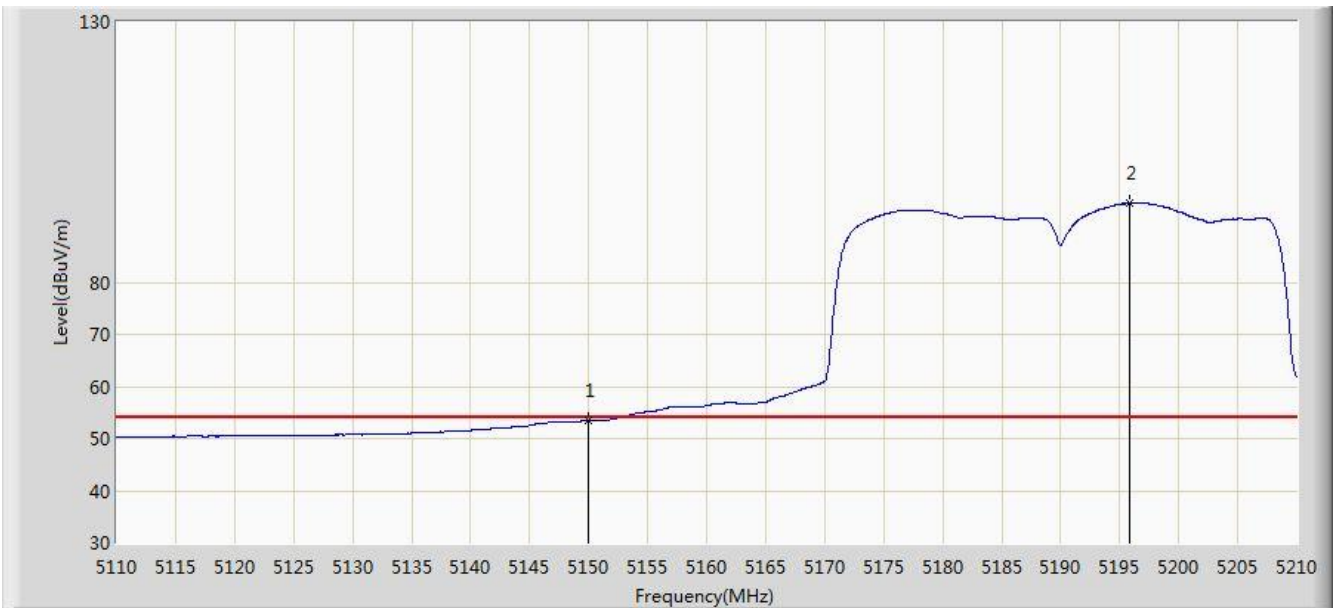


Site: AC1	Time: 2017/03/27 - 15:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

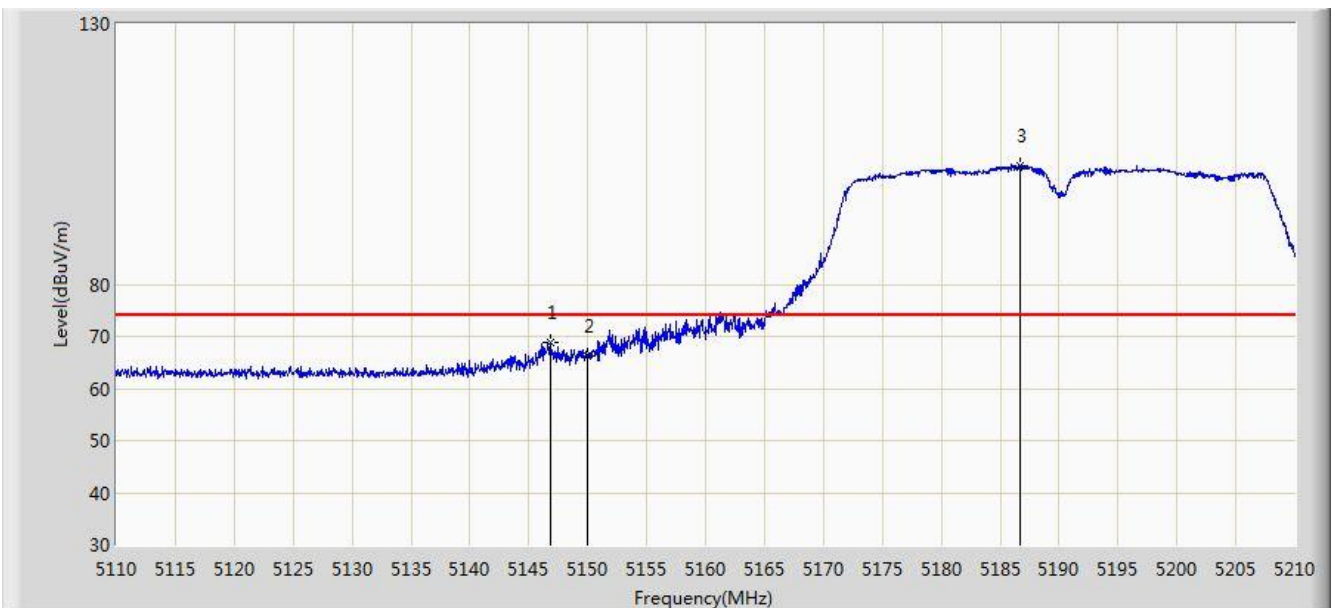


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.384	15.932	-0.616	54.000	37.452	AV
2		*	5195.800	95.214	57.879	N/A	N/A	37.335	AV

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

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

Site: AC1	Time: 2017/03/27 - 15:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

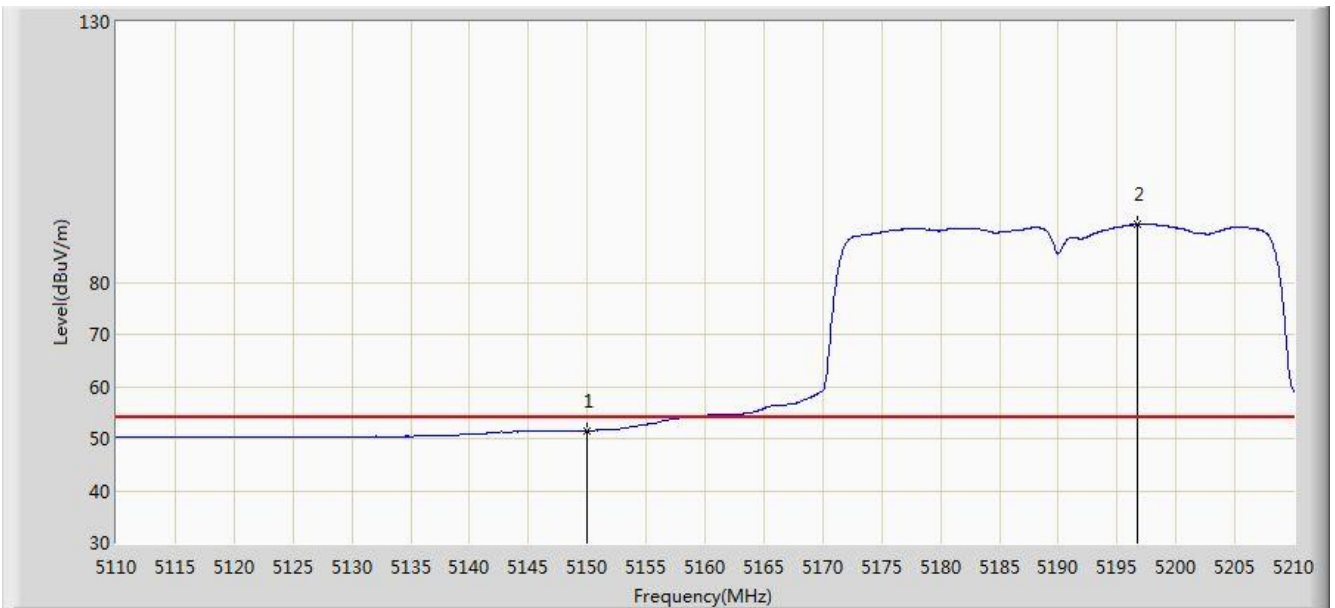


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.800	68.977	31.520	-5.023	74.000	37.456	PK
2			5150.000	66.174	28.722	-7.826	74.000	37.452	PK
3		*	5186.650	102.853	65.496	N/A	N/A	37.357	PK

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

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

Site: AC1	Time: 2017/03/27 - 15:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

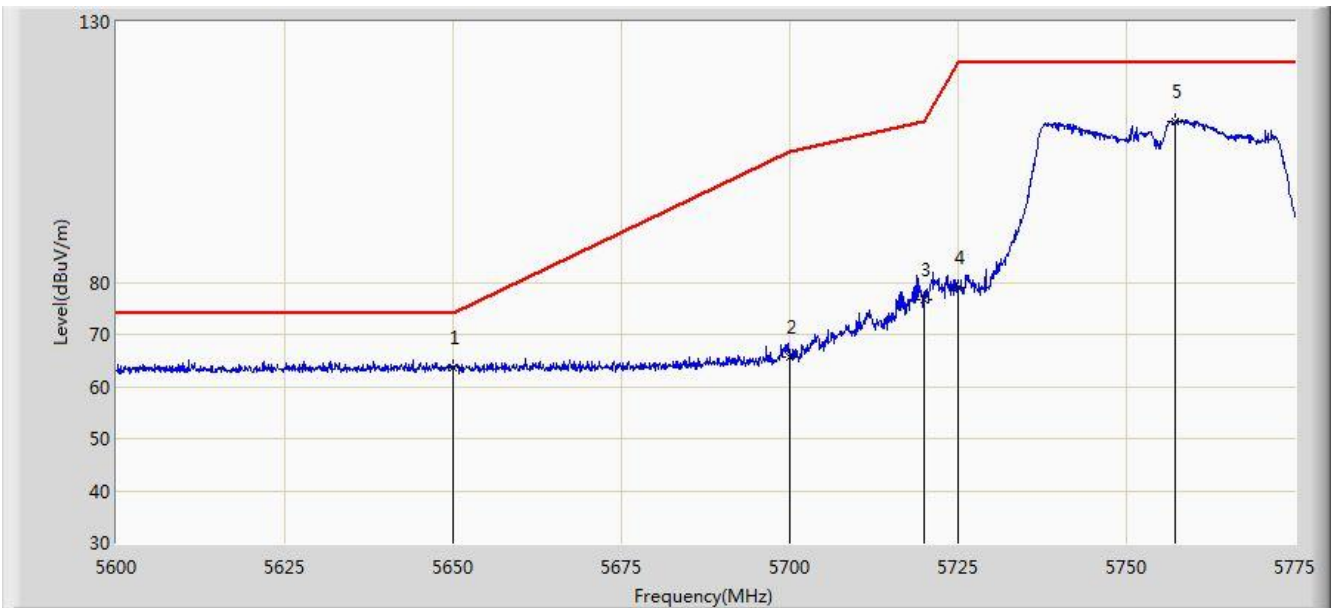


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.386	13.934	-2.614	54.000	37.452	AV
2		*	5196.750	91.119	53.786	N/A	N/A	37.333	AV

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

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

Site: AC1	Time: 2017/03/27 - 15:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1	

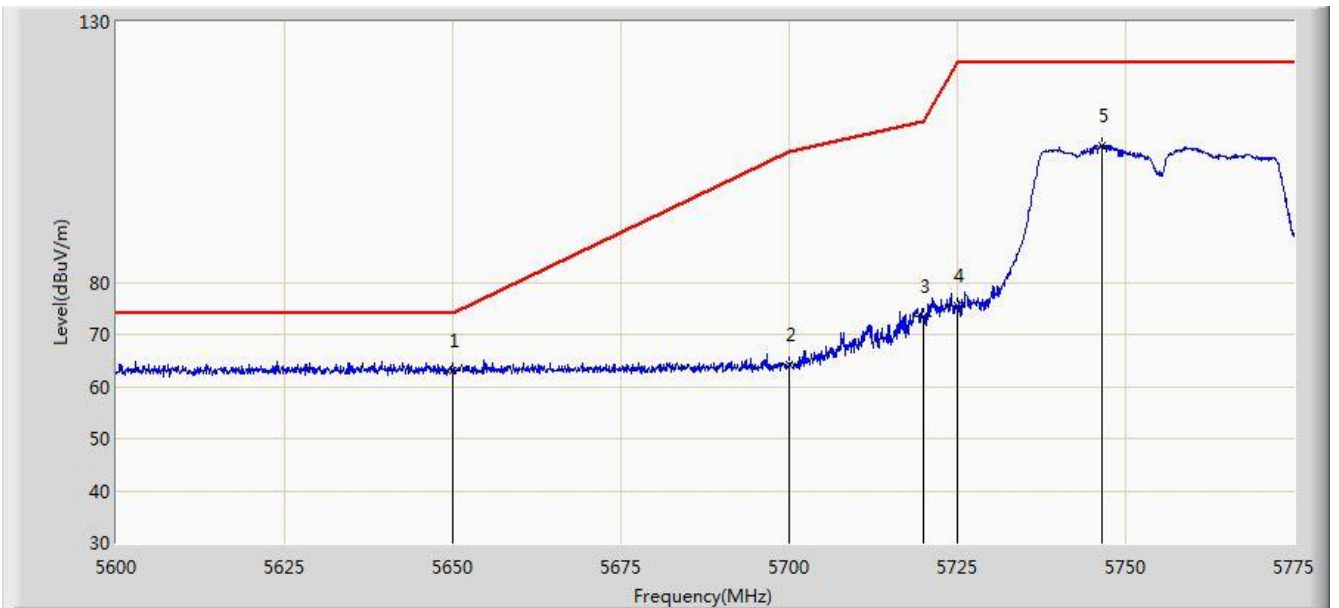


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	63.613	25.826	-10.387	74.000	37.787	PK
2			5700.000	65.527	27.635	-39.673	105.200	37.892	PK
3			5720.000	76.570	38.601	-34.230	110.800	37.970	PK
4			5725.000	79.033	41.043	-43.167	122.200	37.990	PK
5			5757.325	110.942	72.812	N/A	N/A	38.130	PK

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

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

Site: AC1	Time: 2017/03/27 - 15:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1	

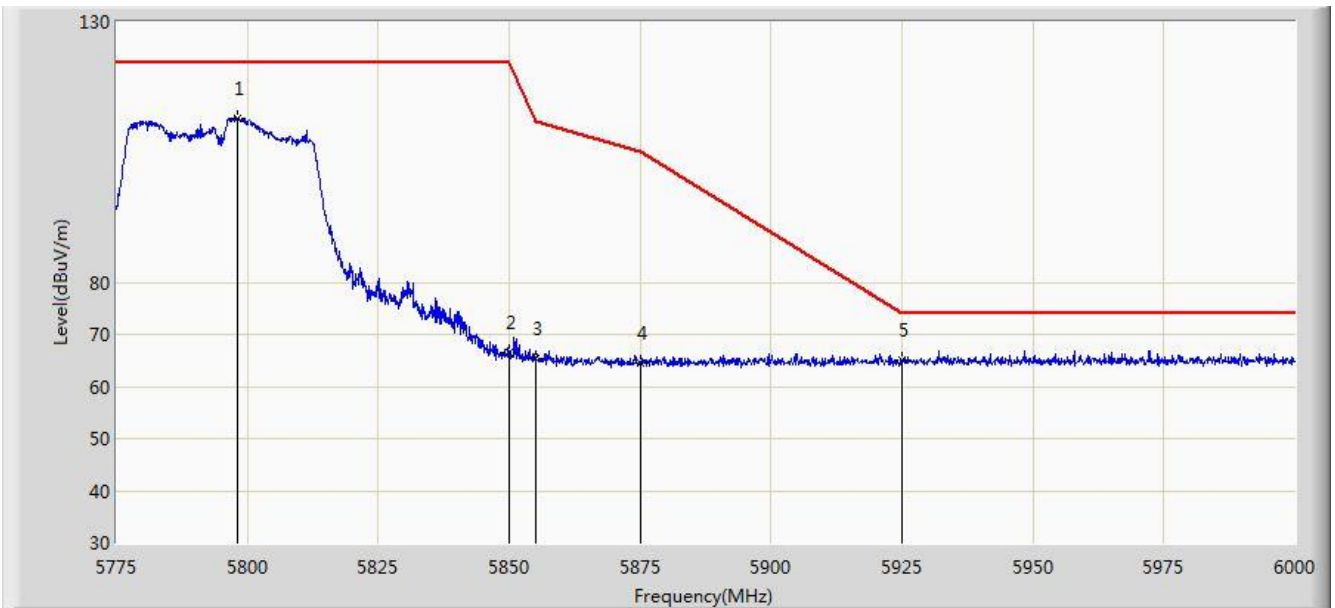


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	63.027	25.240	-10.973	74.000	37.787	PK
2			5700.000	64.068	26.176	-41.132	105.200	37.892	PK
3			5720.000	73.396	35.427	-37.404	110.800	37.970	PK
4			5725.000	75.462	37.472	-46.738	122.200	37.990	PK
5			5746.562	106.318	68.239	N/A	N/A	38.079	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1	

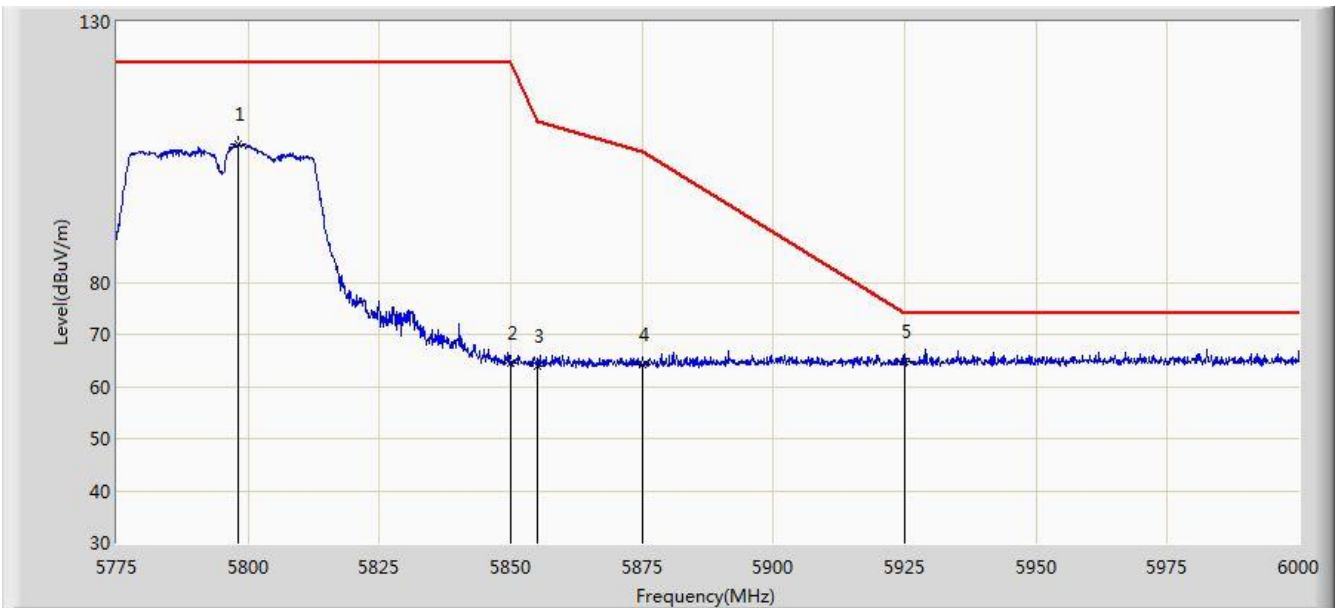


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5798.062	111.545	73.287	N/A	N/A	38.259	PK
2			5850.000	66.504	28.051	-55.696	122.200	38.454	PK
3			5855.000	65.504	27.039	-45.296	110.800	38.465	PK
4			5875.000	64.467	25.970	-40.733	105.200	38.497	PK
5		*	5925.000	64.953	26.420	-9.047	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1	

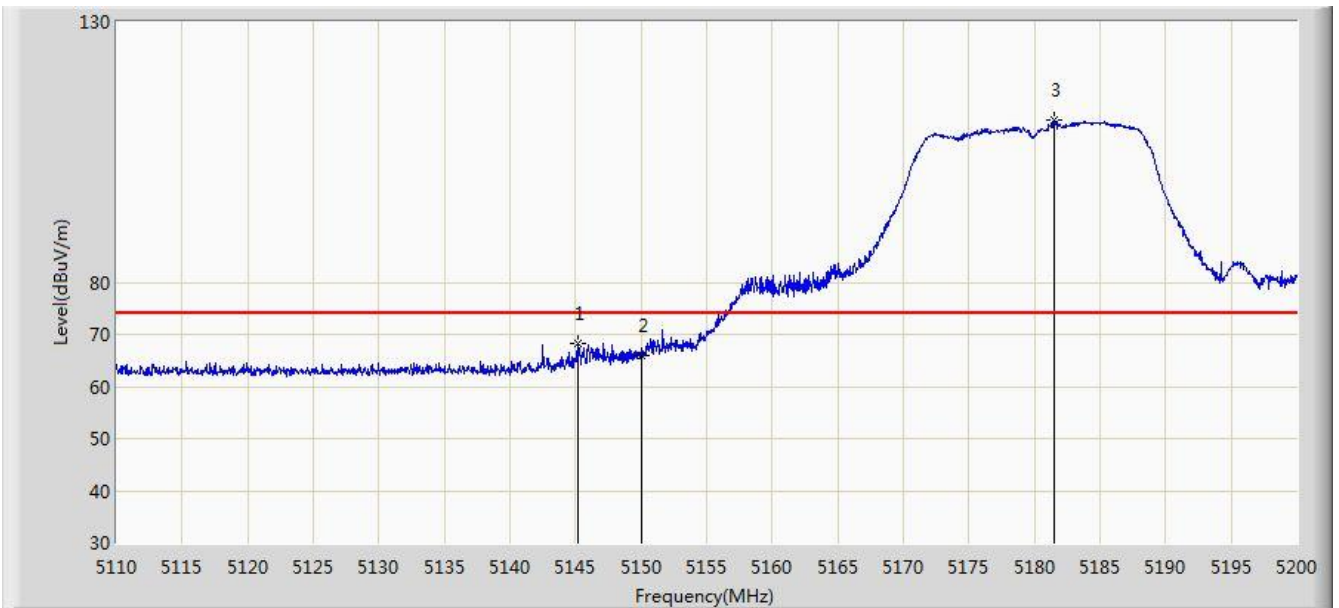


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5798.175	106.597	68.338	N/A	N/A	38.259	PK
2			5850.000	64.554	26.101	-57.646	122.200	38.454	PK
3			5855.000	63.869	25.404	-46.931	110.800	38.465	PK
4			5875.000	64.081	25.584	-41.119	105.200	38.497	PK
5		*	5925.000	64.725	26.192	-9.275	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

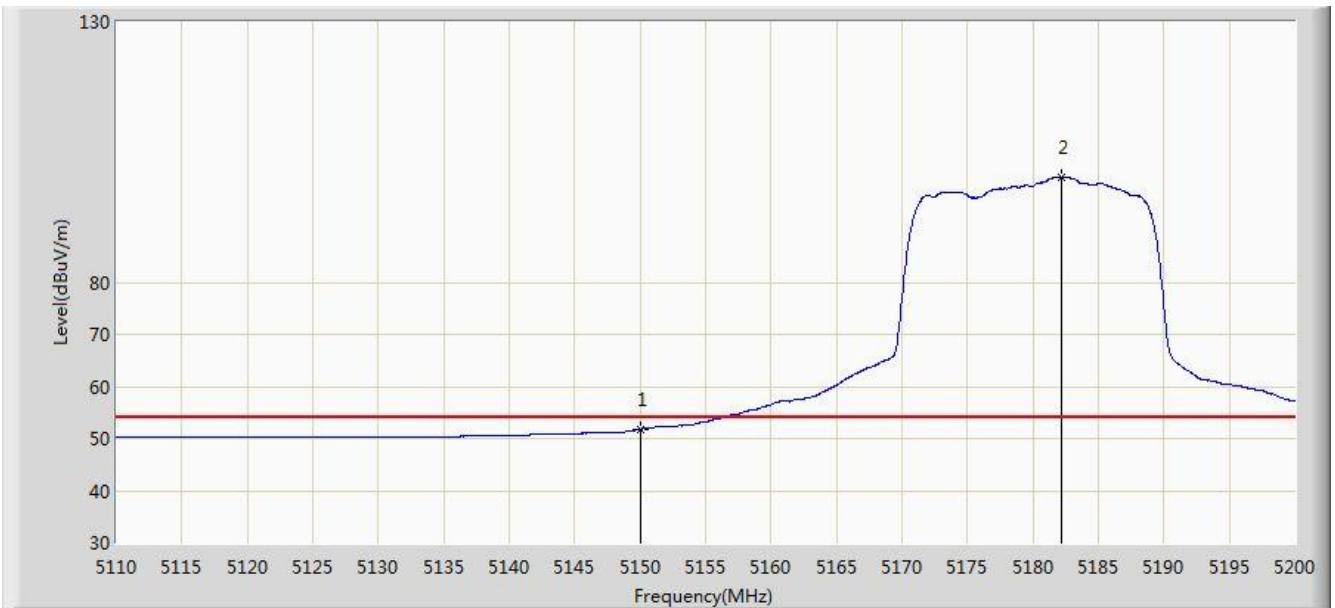


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.145	68.130	30.671	-5.870	74.000	37.460	PK
2			5150.000	66.009	28.557	-7.991	74.000	37.452	PK
3		*	5181.505	111.047	73.677	N/A	N/A	37.370	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

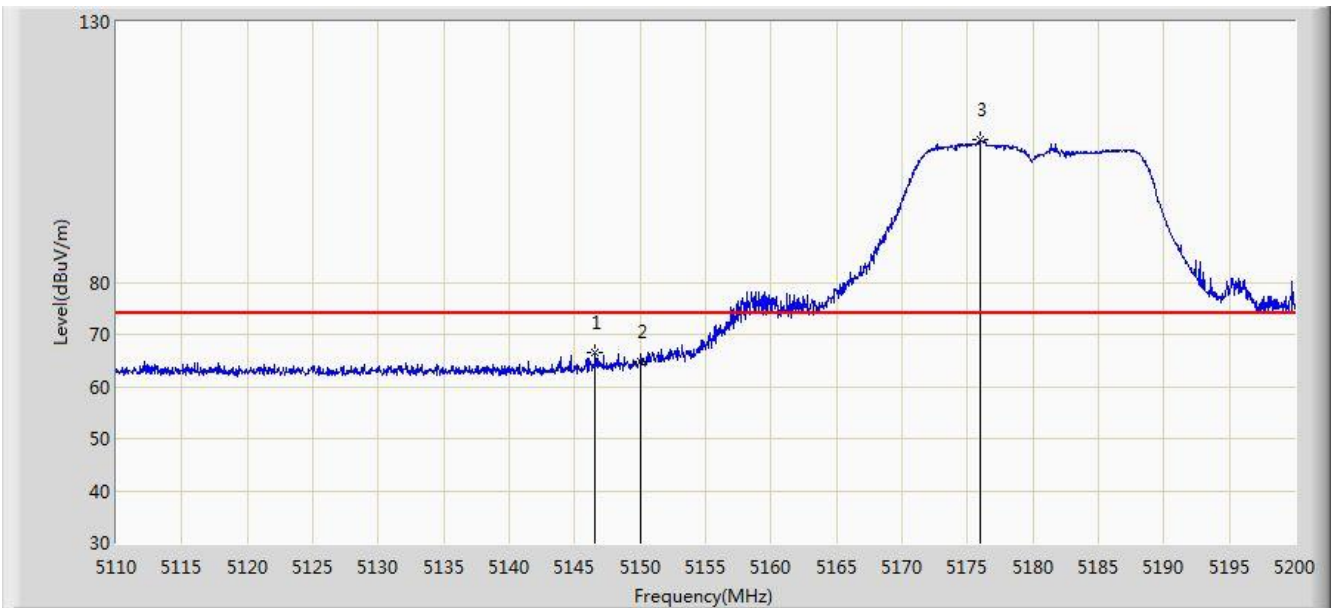


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.793	14.341	-2.207	54.000	37.452	AV
2		*	5182.180	100.133	62.764	N/A	N/A	37.369	AV

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

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

Site: AC1	Time: 2017/03/27 - 16:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

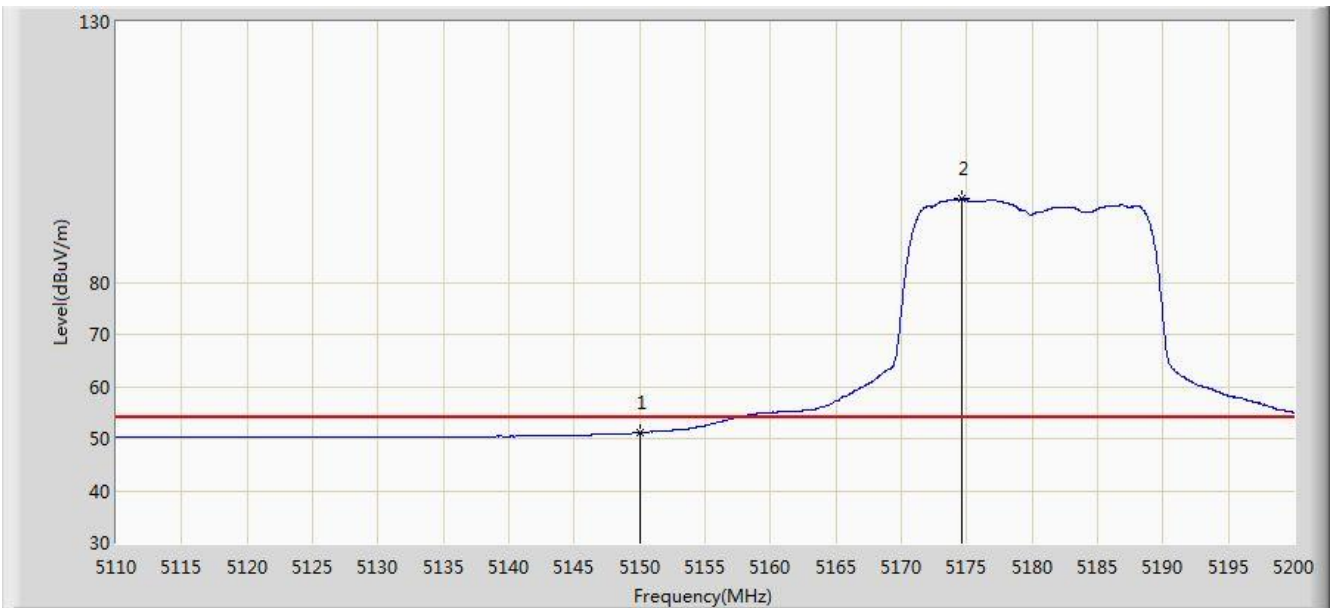


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.585	66.506	29.049	-7.494	74.000	37.457	PK
2			5150.000	64.693	27.241	-9.307	74.000	37.452	PK
3		*	5175.925	107.354	69.971	N/A	N/A	37.383	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

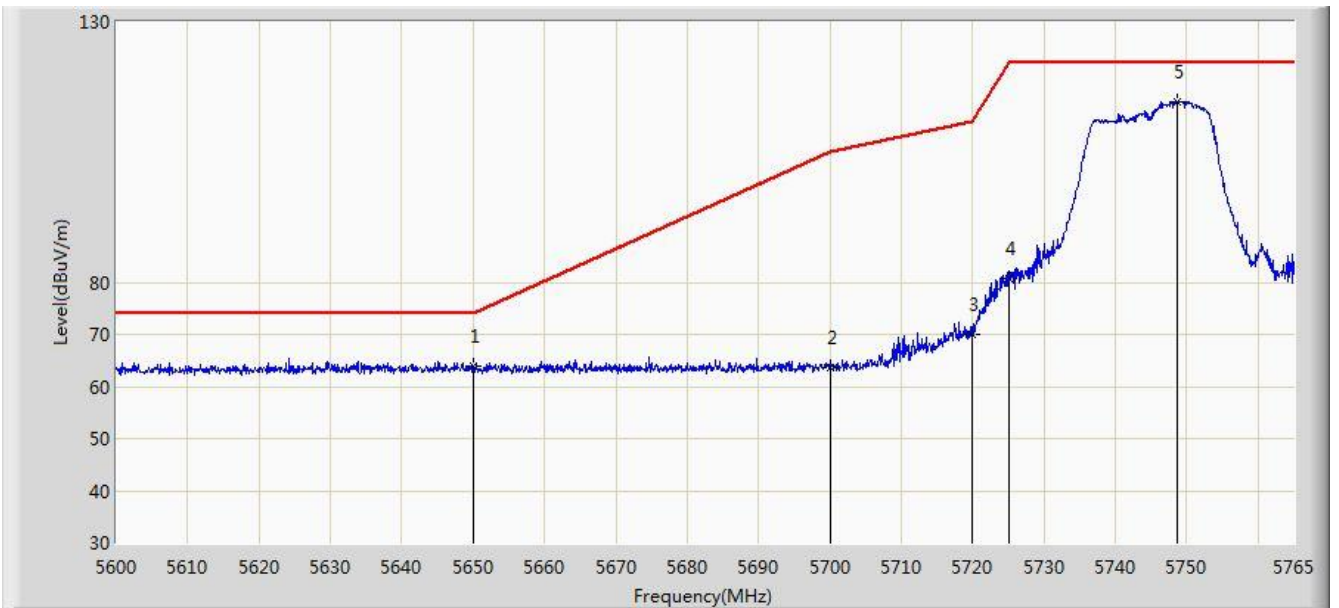


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.138	13.686	-2.862	54.000	37.452	AV
2		*	5174.620	95.998	58.612	N/A	N/A	37.386	AV

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

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

Site: AC1	Time: 2017/03/27 - 16:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1	

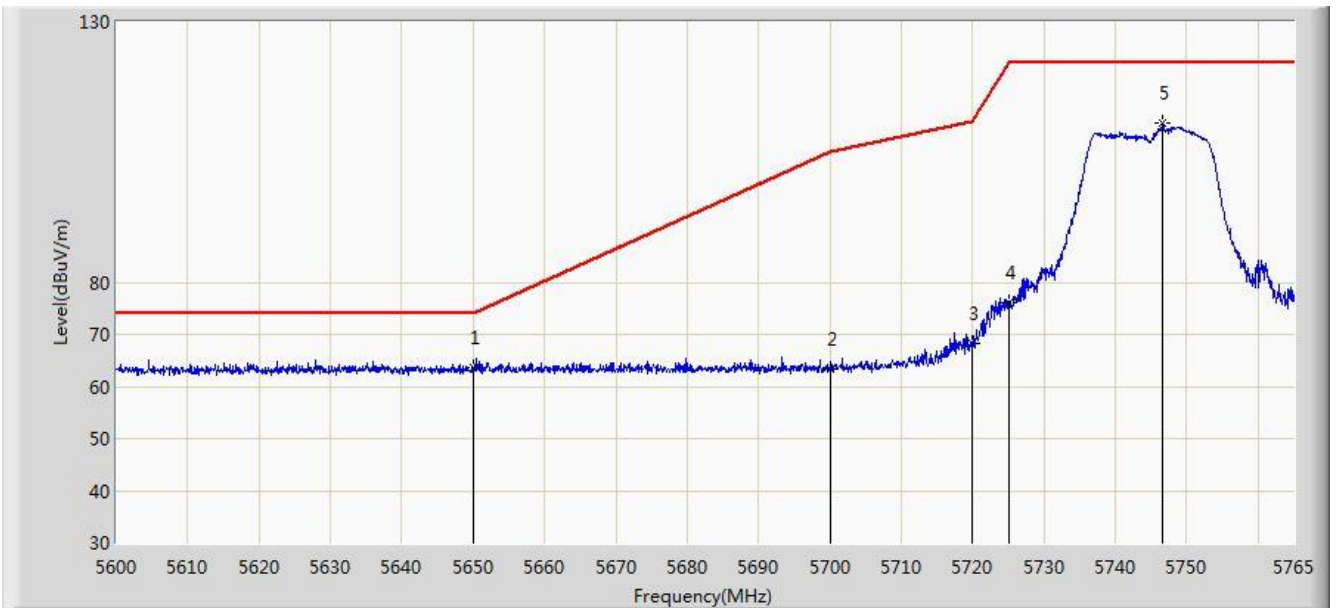


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	63.977	26.190	-10.023	74.000	37.787	PK
2			5700.000	63.753	25.861	-41.447	105.200	37.892	PK
3			5720.000	69.976	32.007	-40.824	110.800	37.970	PK
4			5725.000	80.769	42.779	-41.431	122.200	37.990	PK
5		*	5748.748	114.691	76.601	N/A	N/A	38.090	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1	

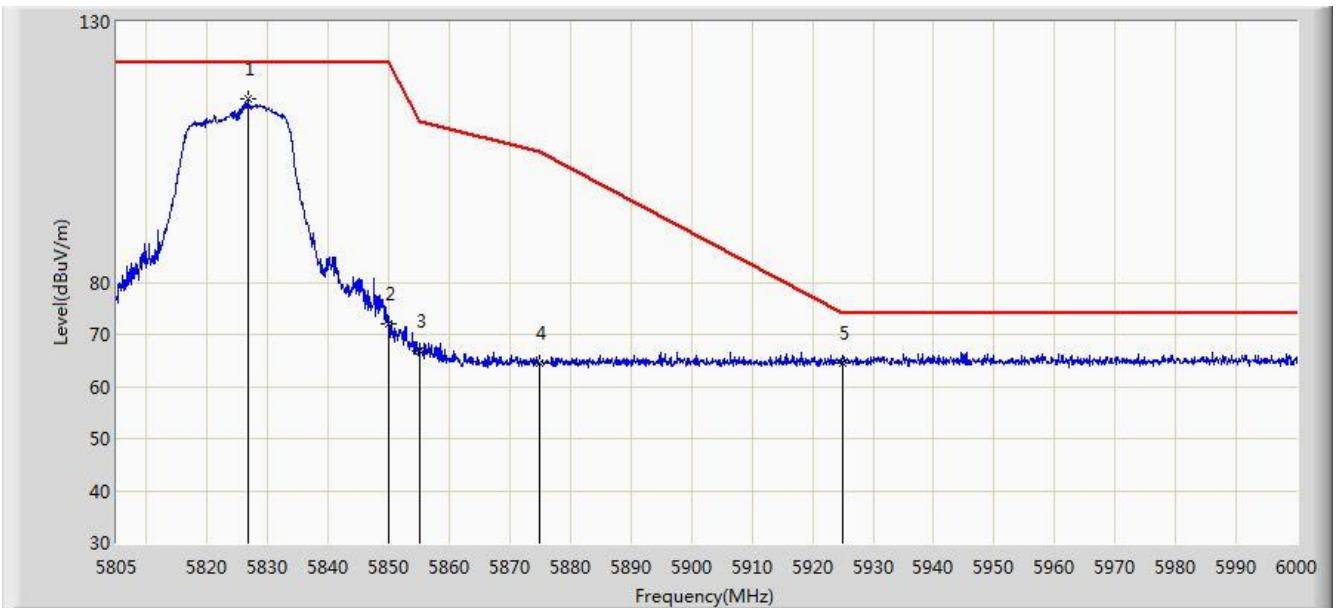


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	63.552	25.765	-10.448	74.000	37.787	PK
2			5700.000	63.237	25.345	-41.963	105.200	37.892	PK
3			5720.000	68.158	30.189	-42.642	110.800	37.970	PK
4			5725.000	76.089	38.099	-46.111	122.200	37.990	PK
5			5746.685	110.552	72.472	N/A	N/A	38.080	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1	

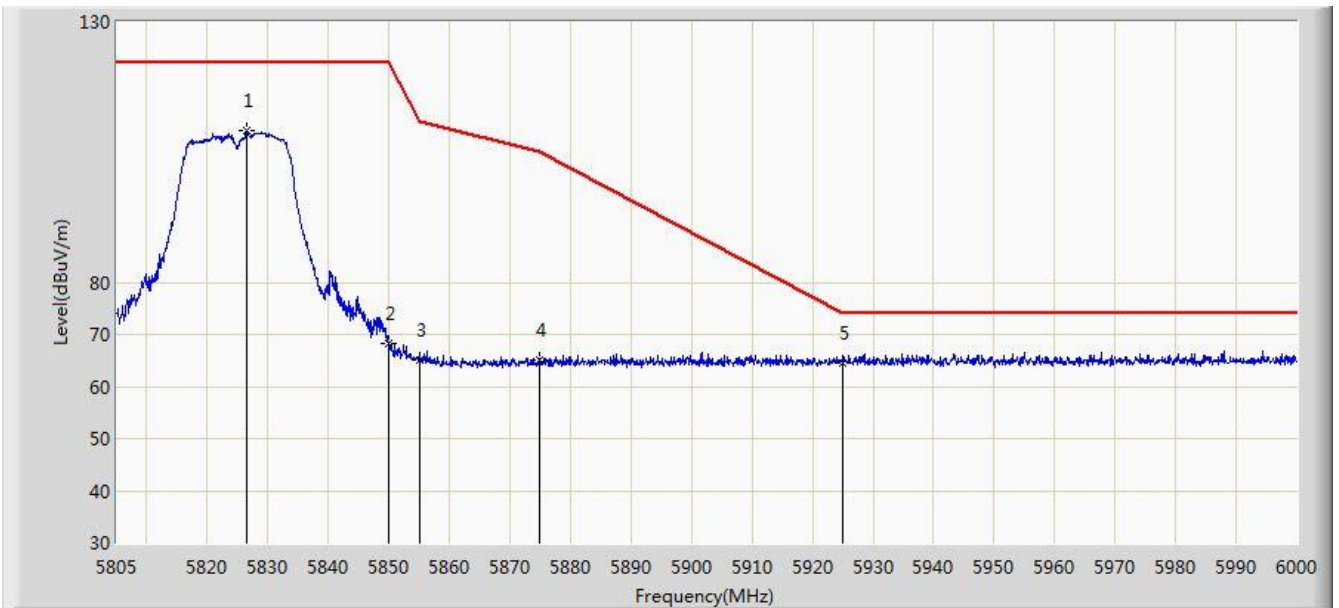


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.645	115.109	76.747	N/A	N/A	38.362	PK
2			5850.000	72.076	33.623	-50.124	122.200	38.454	PK
3			5855.000	66.849	28.384	-43.951	110.800	38.465	PK
4			5875.000	64.373	25.876	-40.827	105.200	38.497	PK
5			5925.000	64.351	25.818	-9.649	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1	

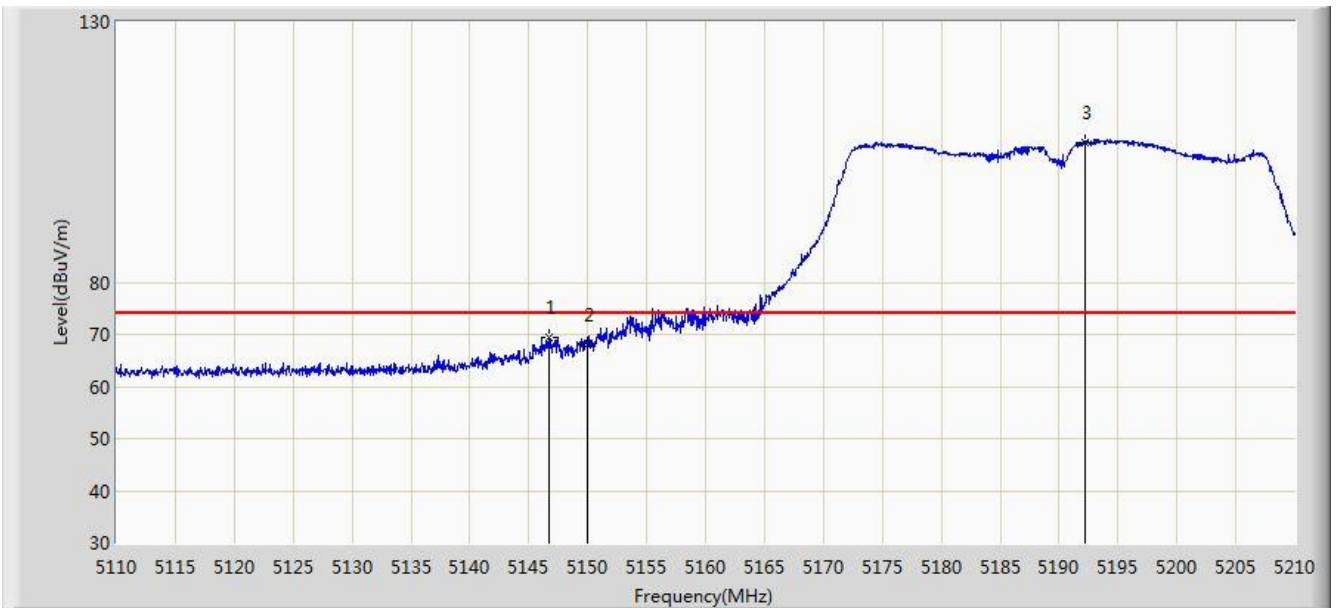


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.450	109.251	70.889	N/A	N/A	38.362	PK
2			5850.000	68.194	29.741	-54.006	122.200	38.454	PK
3			5855.000	65.040	26.575	-45.760	110.800	38.465	PK
4			5875.000	65.187	26.690	-40.013	105.200	38.497	PK
5		*	5925.000	64.520	25.987	-9.480	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

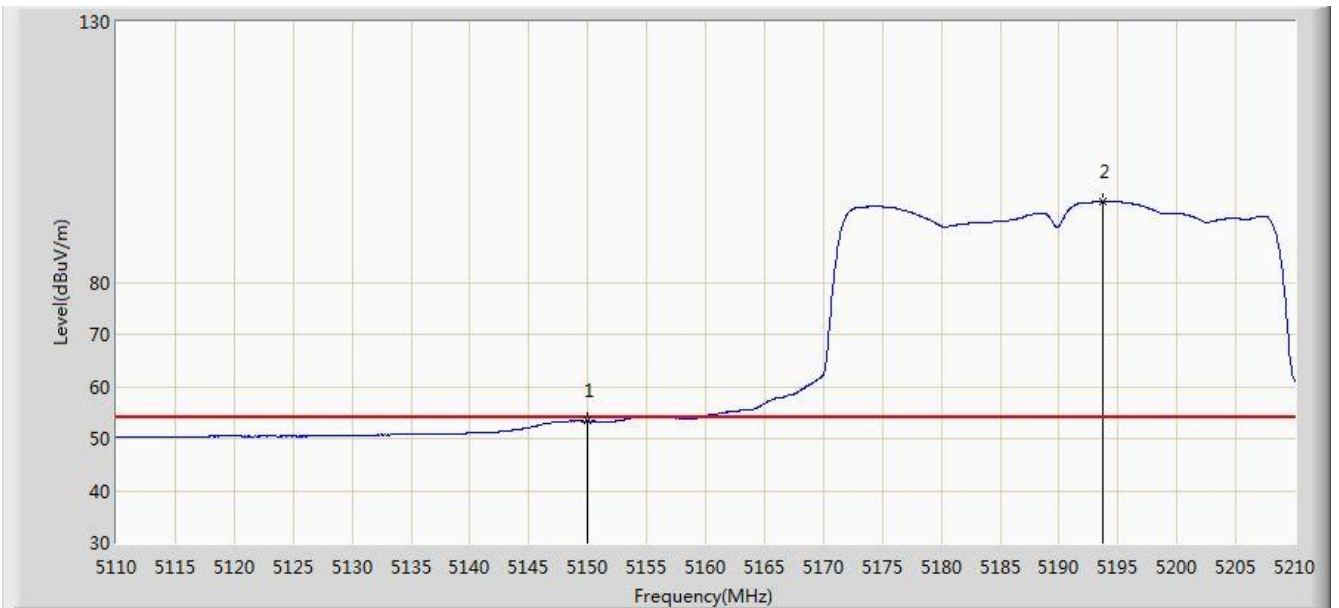


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.700	69.499	32.042	-4.501	74.000	37.457	PK
2			5150.000	67.933	30.481	-6.067	74.000	37.452	PK
3		*	5192.150	106.927	69.583	N/A	N/A	37.344	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

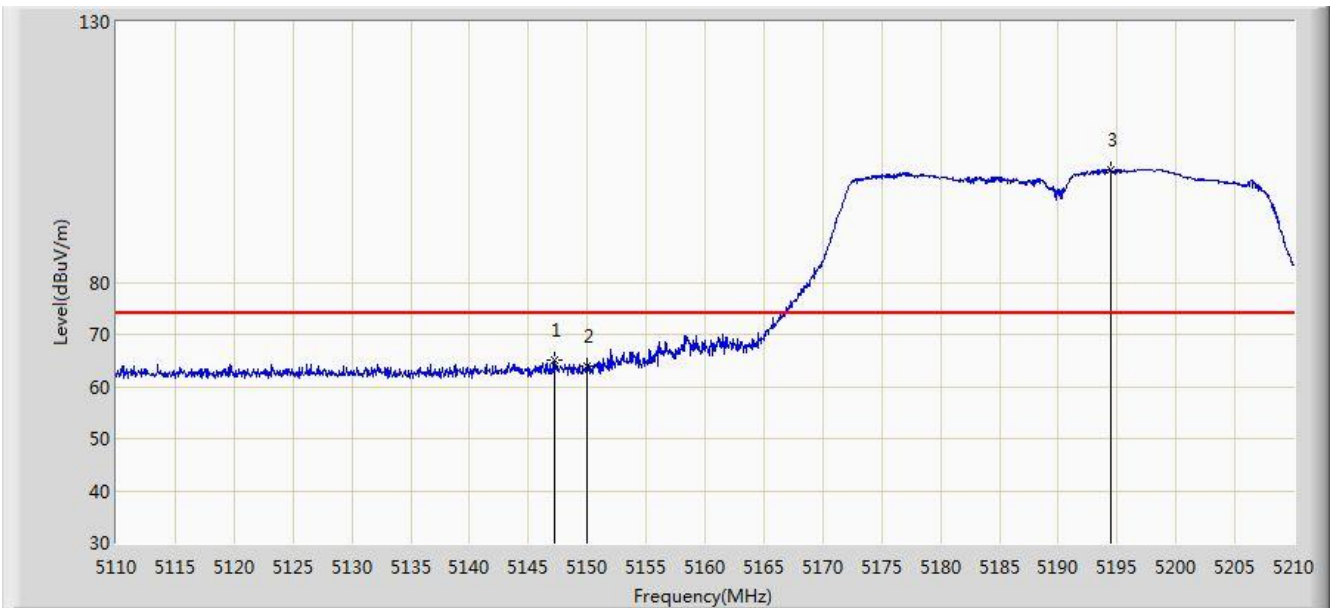


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.365	15.913	-0.635	54.000	37.452	AV
2		*	5193.750	95.453	58.113	N/A	N/A	37.340	AV

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

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

Site: AC1	Time: 2017/03/27 - 16:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

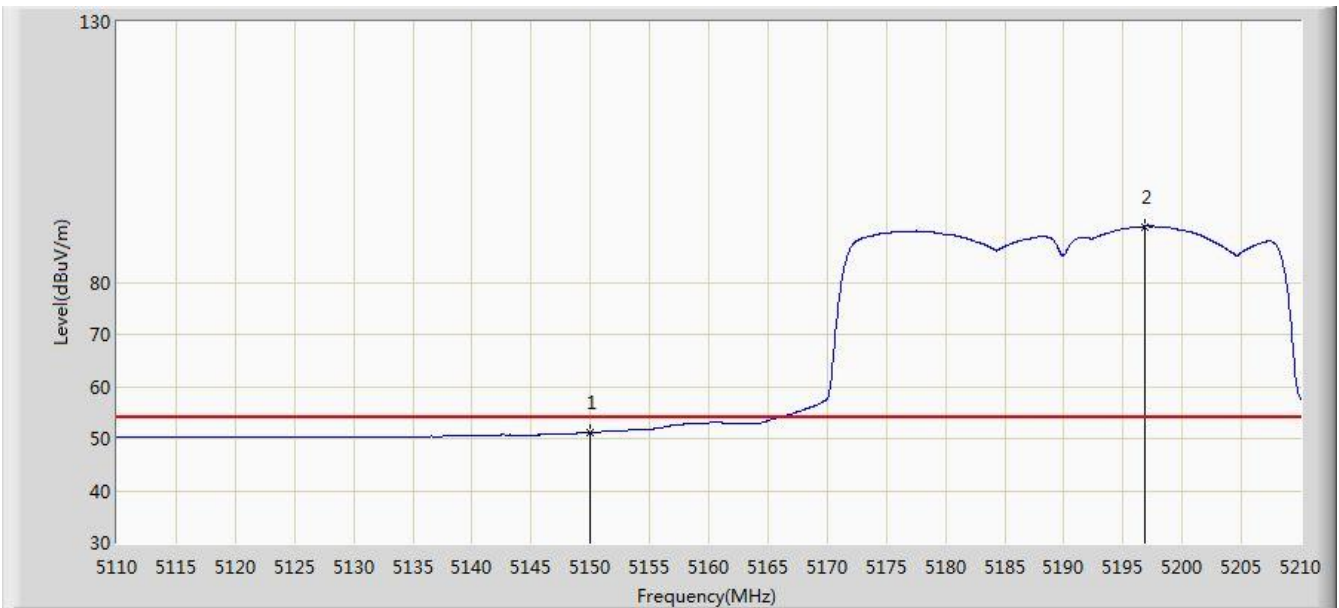


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.250	65.077	27.621	-8.923	74.000	37.456	PK
2			5150.000	63.819	26.367	-10.181	74.000	37.452	PK
3		*	5194.500	101.599	64.261	N/A	N/A	37.338	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

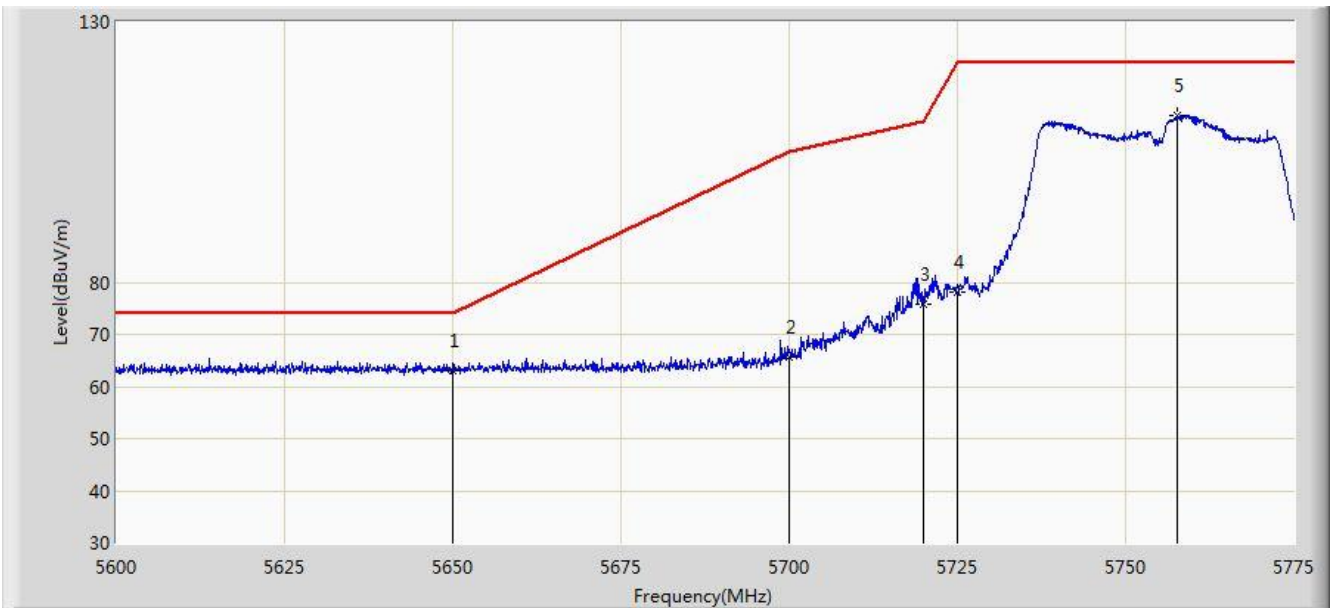


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.137	13.685	-2.863	54.000	37.452	AV
2		*	5196.850	90.716	53.383	N/A	N/A	37.333	AV

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

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

Site: AC1	Time: 2017/03/27 - 16:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

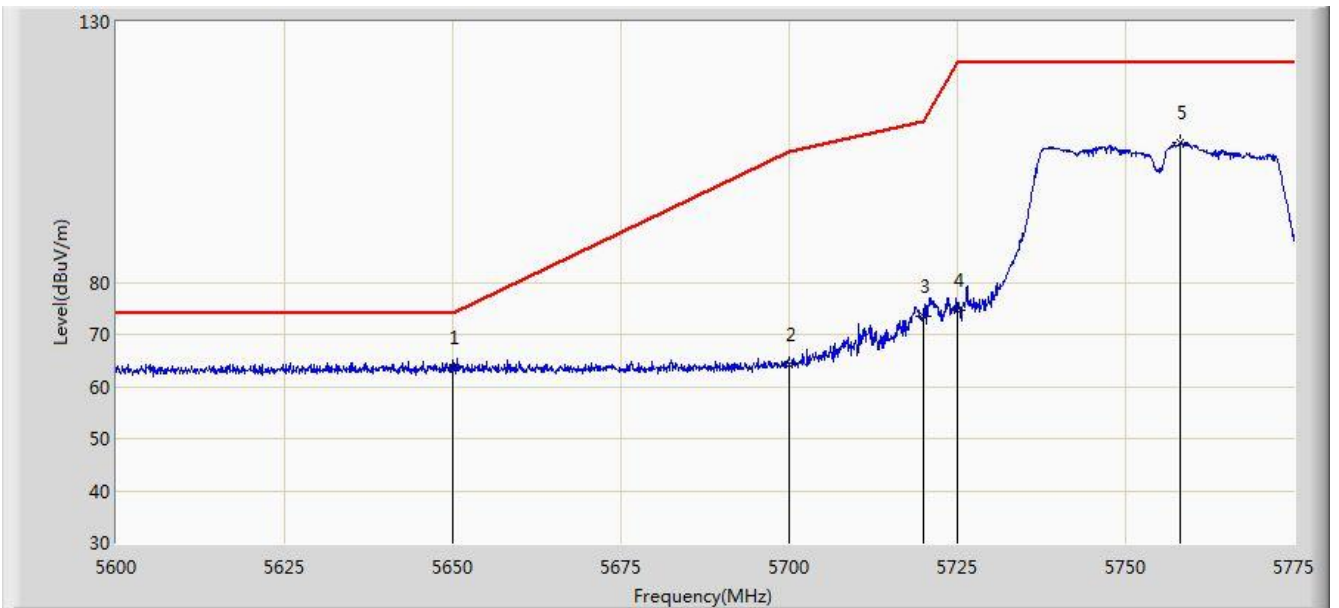


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	63.167	25.380	-10.833	74.000	37.787	PK
2			5700.000	65.758	27.866	-39.442	105.200	37.892	PK
3			5720.000	75.856	37.887	-34.944	110.800	37.970	PK
4			5725.000	78.094	40.104	-44.106	122.200	37.990	PK
5		*	5757.763	111.976	73.844	N/A	N/A	38.132	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

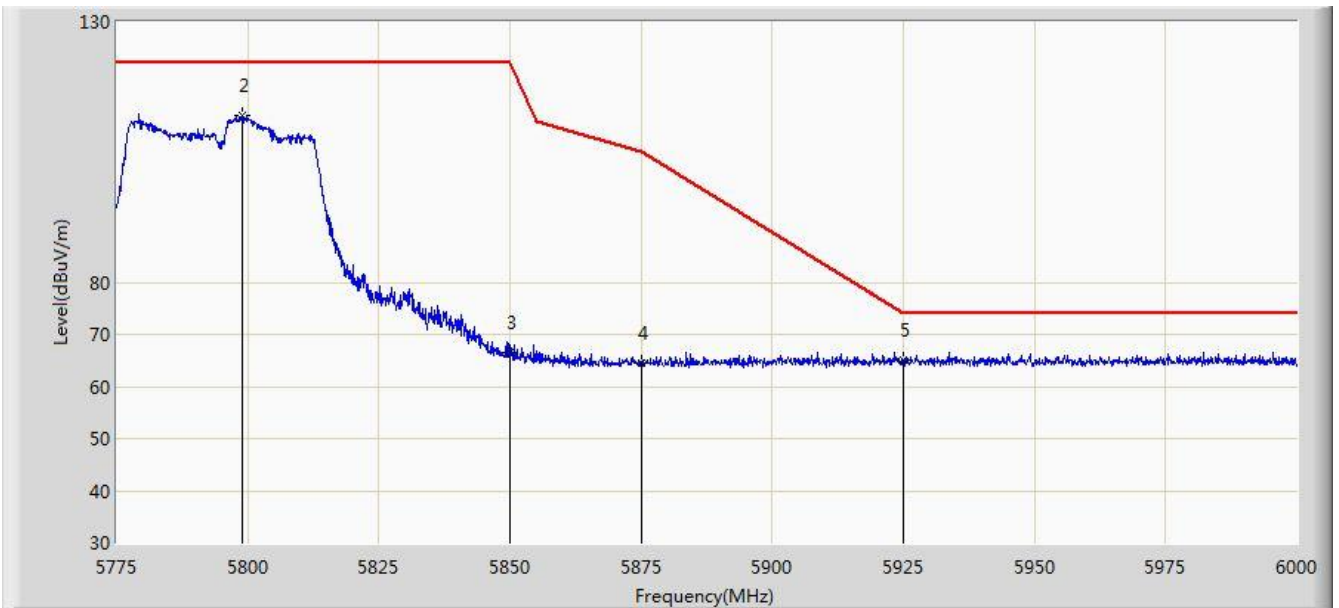


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	63.510	25.723	-10.490	74.000	37.787	PK
2			5700.000	64.296	26.404	-40.904	105.200	37.892	PK
3			5720.000	73.371	35.402	-37.429	110.800	37.970	PK
4			5725.000	74.658	36.668	-47.542	122.200	37.990	PK
5			5758.025	106.766	68.633	N/A	N/A	38.133	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

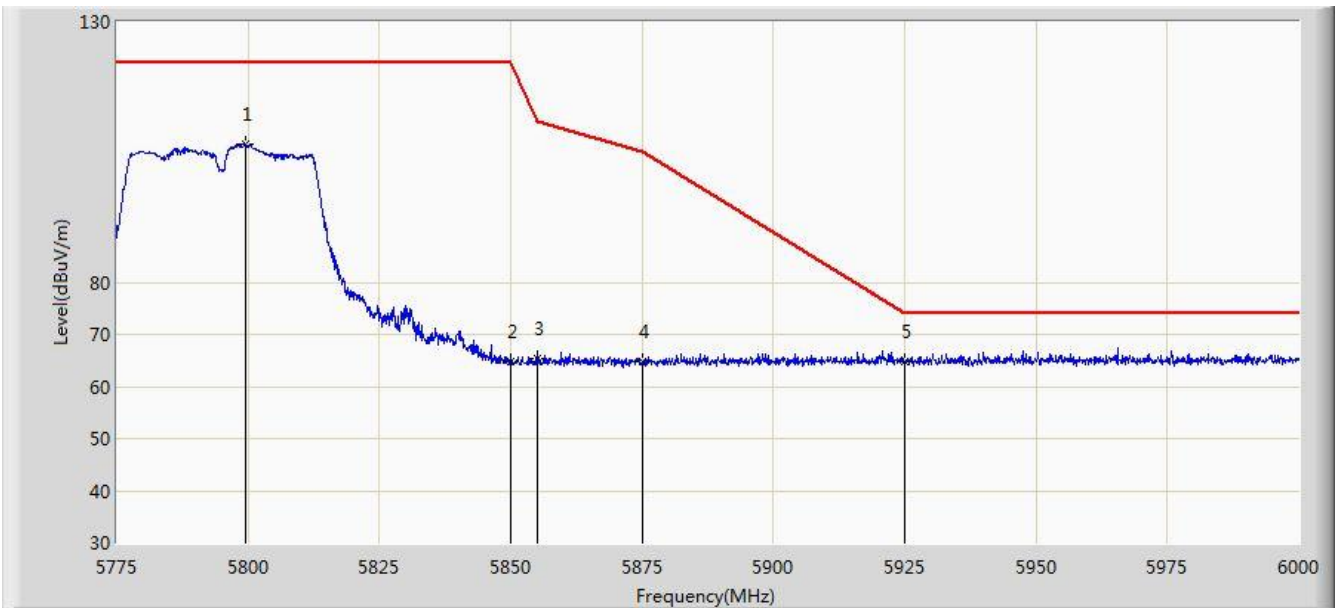


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			855.000	94.618	66.866	NaN	NaN	27.752	PK
2			5798.850	111.885	73.624	N/A	N/A	38.260	PK
3			5850.000	66.498	28.045	-55.702	122.200	38.454	PK
4			5875.000	64.510	26.013	-40.690	105.200	38.497	PK
5		*	5925.000	64.986	26.453	-9.014	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

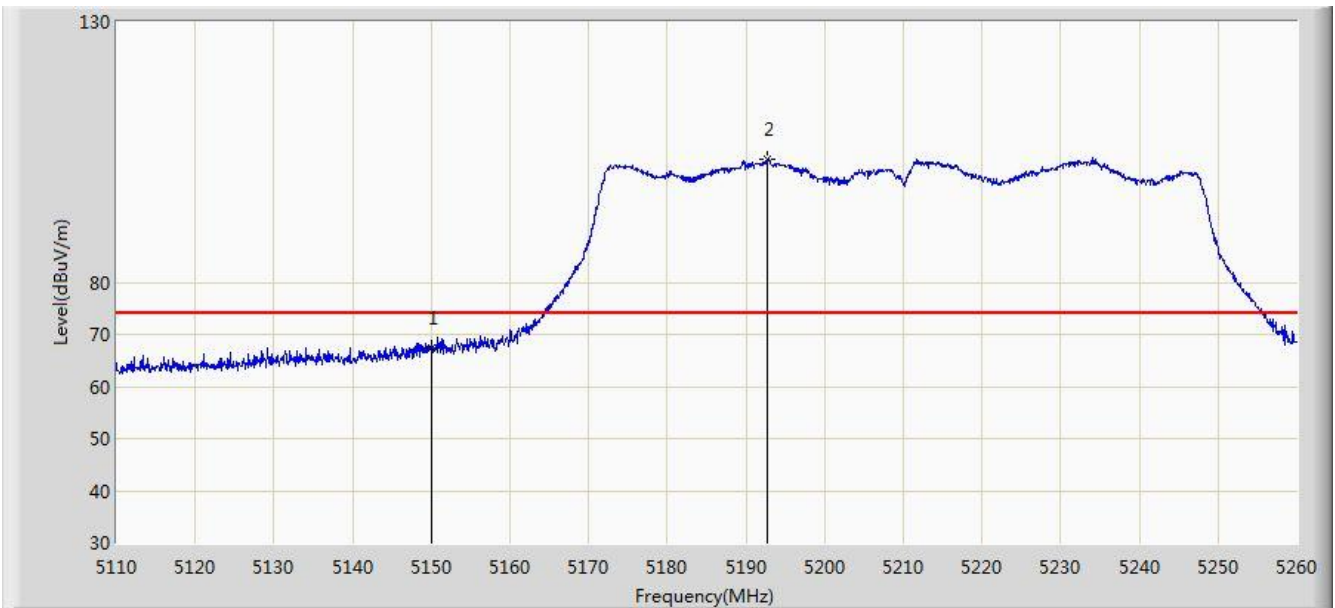


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5799.525	106.447	68.184	N/A	N/A	38.262	PK
2			5850.000	64.770	26.317	-57.430	122.200	38.454	PK
3			5855.000	65.226	26.761	-45.574	110.800	38.465	PK
4			5875.000	64.701	26.204	-40.499	105.200	38.497	PK
5		*	5925.000	64.768	26.235	-9.232	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 17:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1	

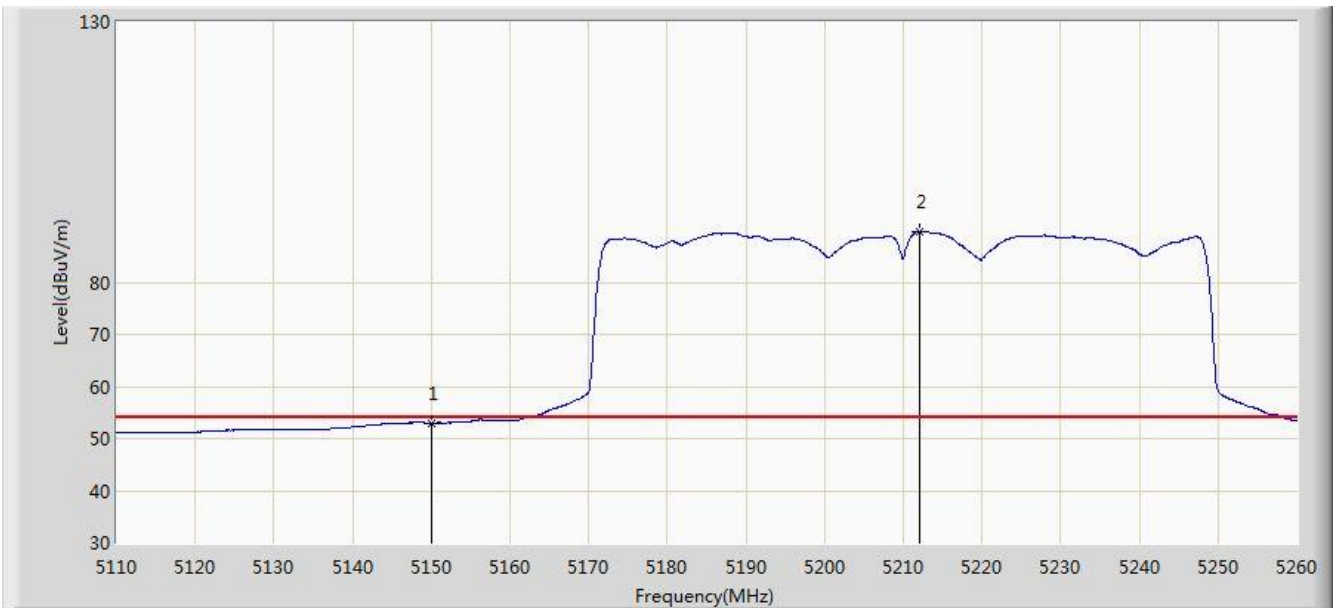


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.318	29.866	-6.682	74.000	37.452	PK
2		*	5192.800	103.701	66.359	N/A	N/A	37.343	PK

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

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

Site: AC1	Time: 2017/03/27 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

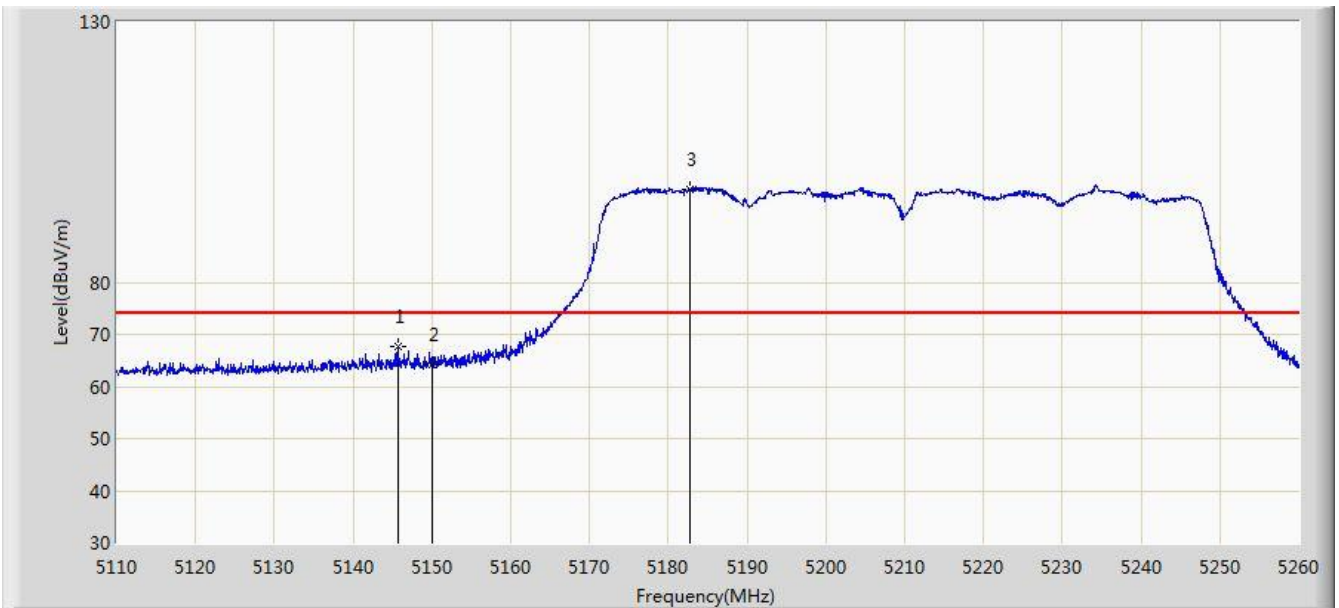


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.002	15.550	-0.998	54.000	37.452	AV
2		*	5212.075	89.750	52.466	N/A	N/A	37.284	AV

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

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

Site: AC1	Time: 2017/03/27 - 17:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

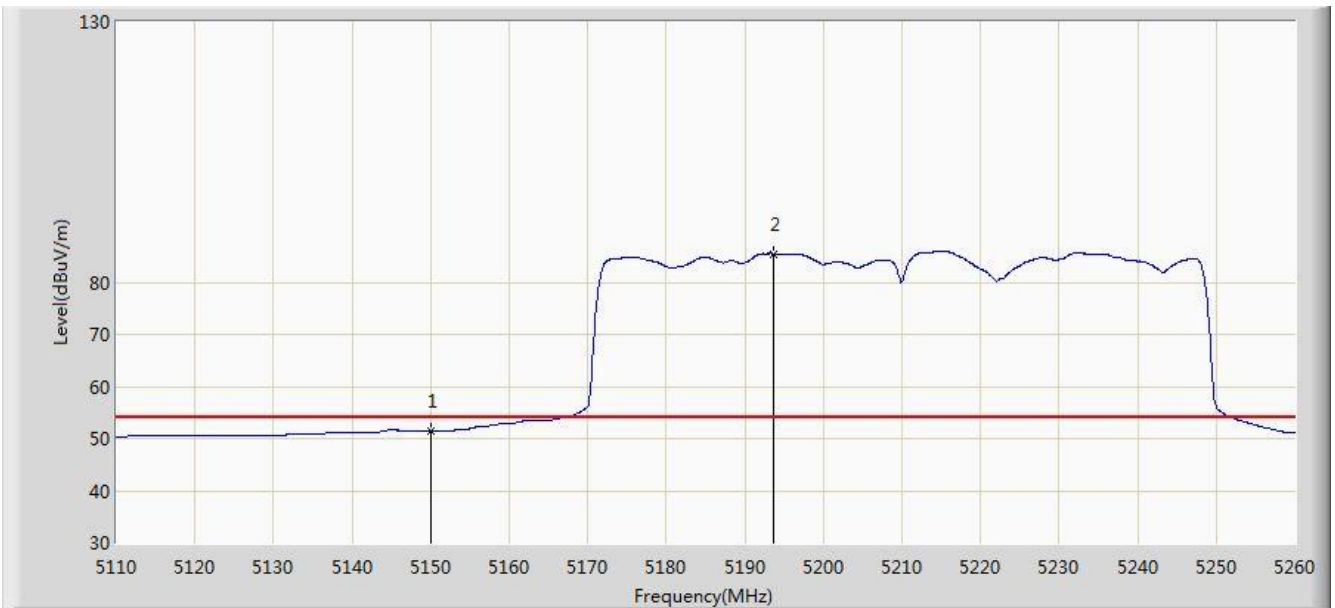


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.700	67.790	30.332	-6.210	74.000	37.458	PK
2			5150.000	64.166	26.714	-9.834	74.000	37.452	PK
3		*	5182.750	97.890	60.523	N/A	N/A	37.368	PK

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

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

Site: AC1	Time: 2017/03/27 - 17:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

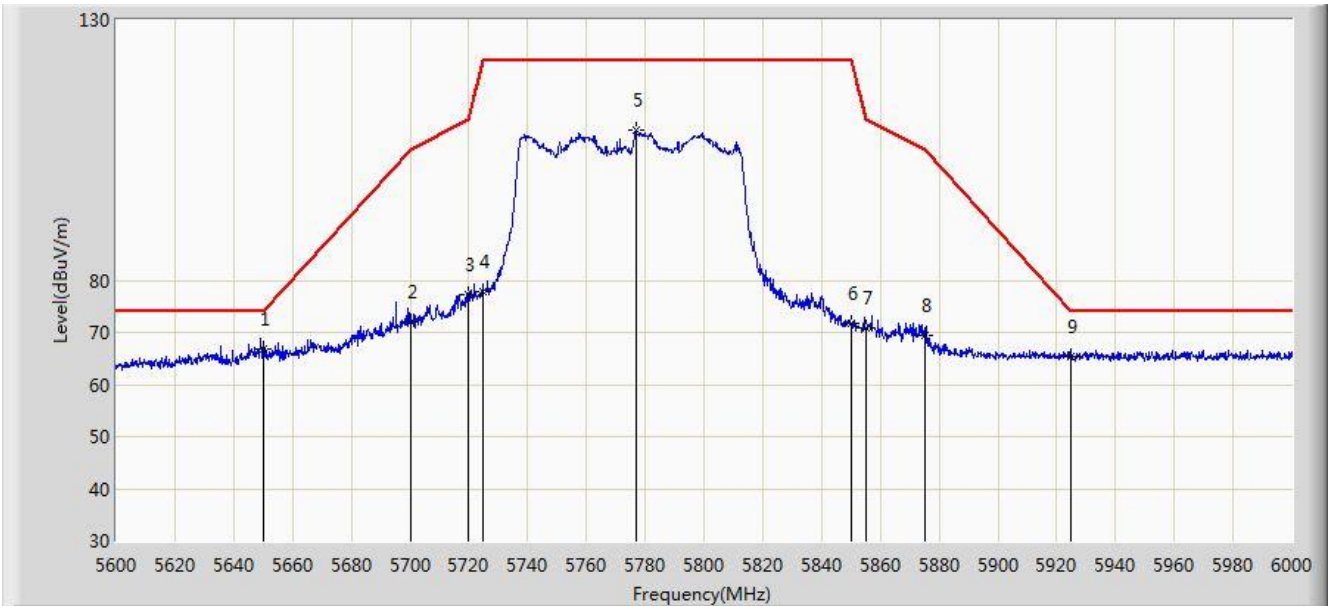


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.409	13.957	-2.591	54.000	37.452	AV
2		*	5193.700	85.457	48.117	N/A	N/A	37.340	AV

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

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

Site: AC1	Time: 2017/03/27 - 17:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1	

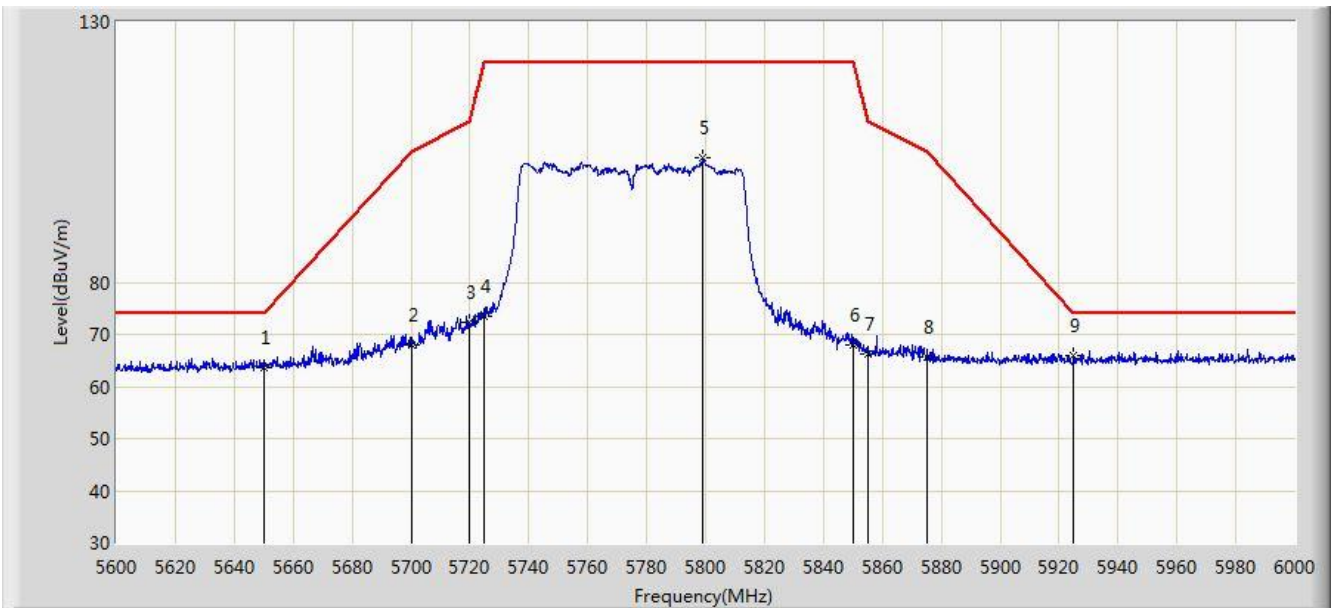


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	66.728	28.941	-7.272	74.000	37.787	PK
2			5700.000	72.107	34.215	-33.093	105.200	37.892	PK
3			5720.000	77.296	39.327	-33.504	110.800	37.970	PK
4			5725.000	77.896	39.906	-44.304	122.200	37.990	PK
5			5776.800	108.794	70.611	N/A	N/A	38.183	PK
6			5850.000	71.679	33.226	-50.521	122.200	38.454	PK
7			5855.000	70.860	32.395	-39.940	110.800	38.465	PK
8			5875.000	69.521	31.024	-35.679	105.200	38.497	PK
9			5925.000	65.451	26.918	-8.549	74.000	38.533	PK

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

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

Site: AC1	Time: 2017/03/27 - 17:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1	



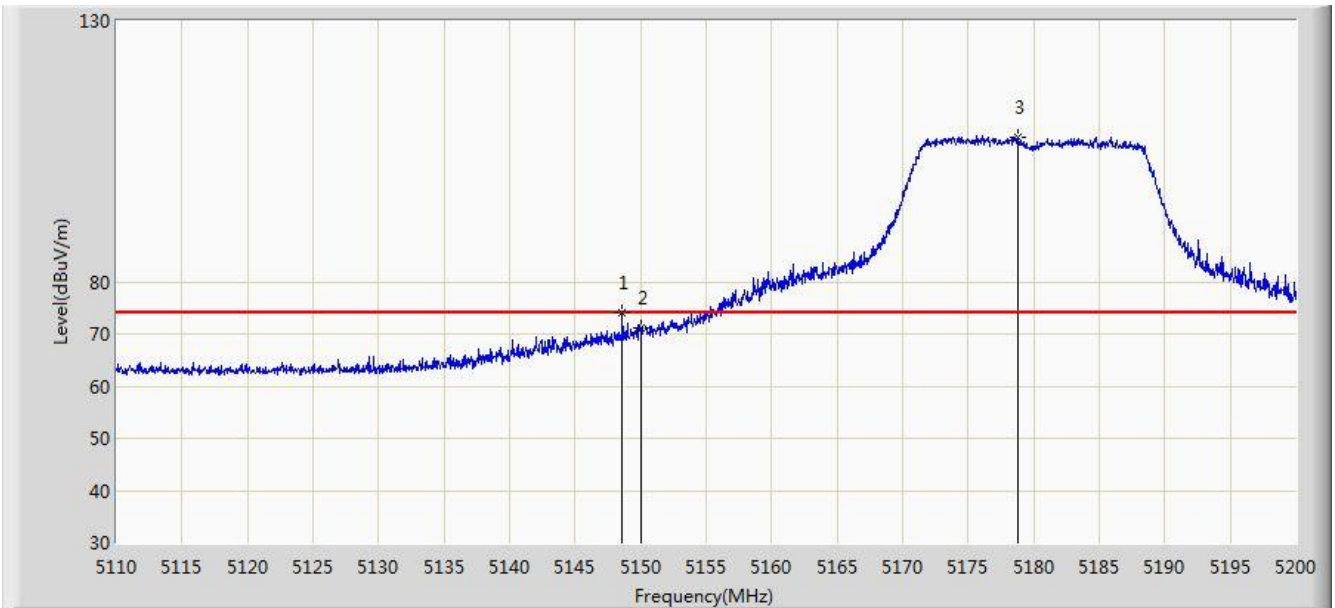
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	63.515	25.728	-10.485	74.000	37.787	PK
2			5700.000	68.005	30.113	-37.195	105.200	37.892	PK
3			5720.000	72.236	34.267	-38.564	110.800	37.970	PK
4			5725.000	73.384	35.394	-48.816	122.200	37.990	PK
5			5799.200	104.042	65.780	N/A	N/A	38.261	PK
6			5850.000	67.957	29.504	-54.243	122.200	38.454	PK
7			5855.000	66.188	27.723	-44.612	110.800	38.465	PK
8			5875.000	65.746	27.249	-39.454	105.200	38.497	PK
9		*	5925.000	65.911	27.378	-8.089	74.000	38.533	PK

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

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

Beam-Forming Mode

Site: AC1	Time: 2017/05/16 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

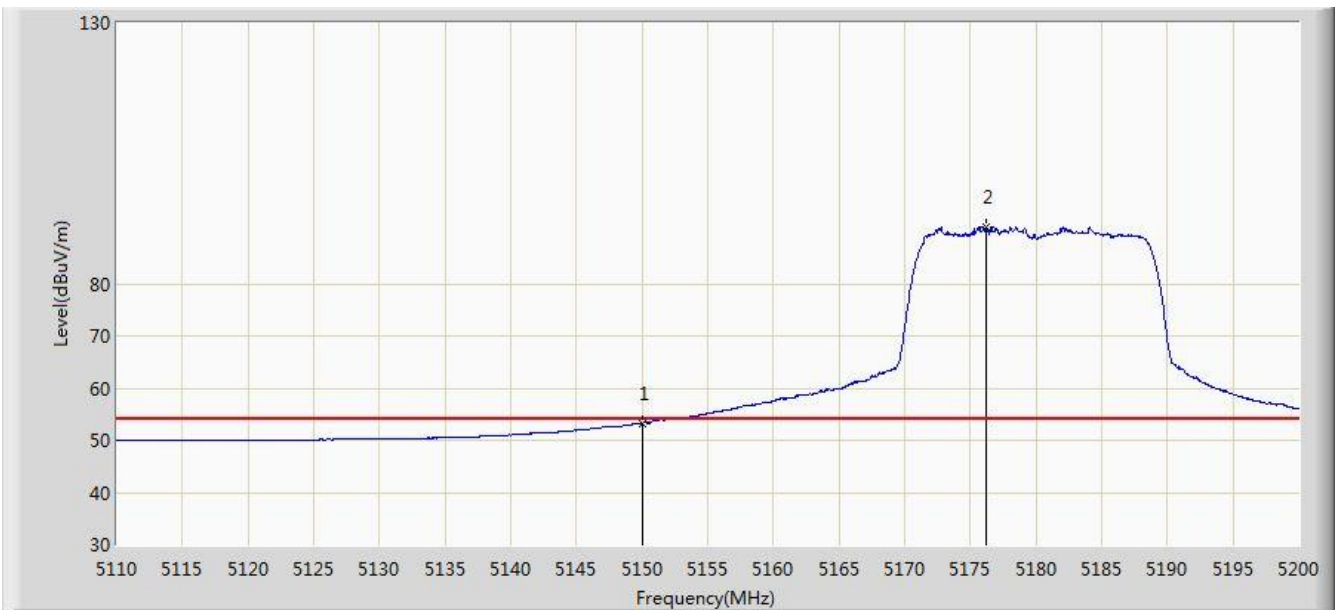


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.610	73.927	36.473	-0.073	74.000	37.454	PK
2			5150.000	71.122	33.670	-2.878	74.000	37.452	PK
3		*	5178.850	107.826	70.450	N/A	N/A	37.376	PK

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

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

Site: AC1	Time: 2017/05/16 - 20:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

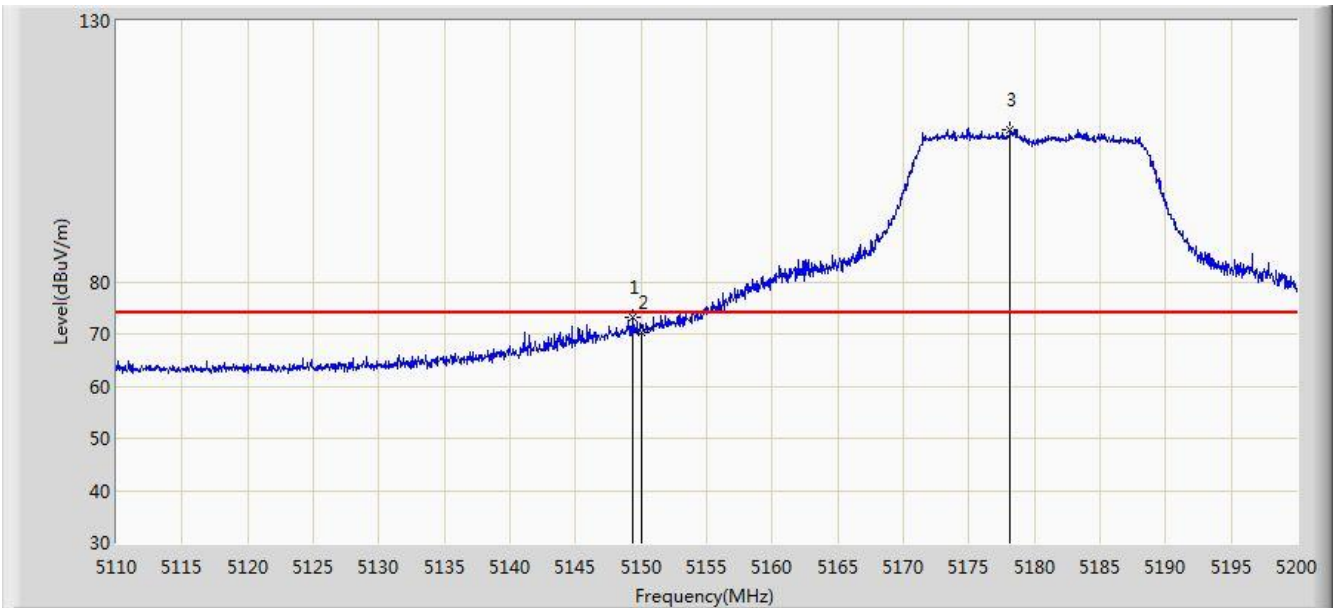


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.300	15.848	-0.700	54.000	37.452	AV
2		*	5176.195	90.969	53.587	N/A	N/A	37.382	AV

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

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

Site: AC1	Time: 2017/05/16 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

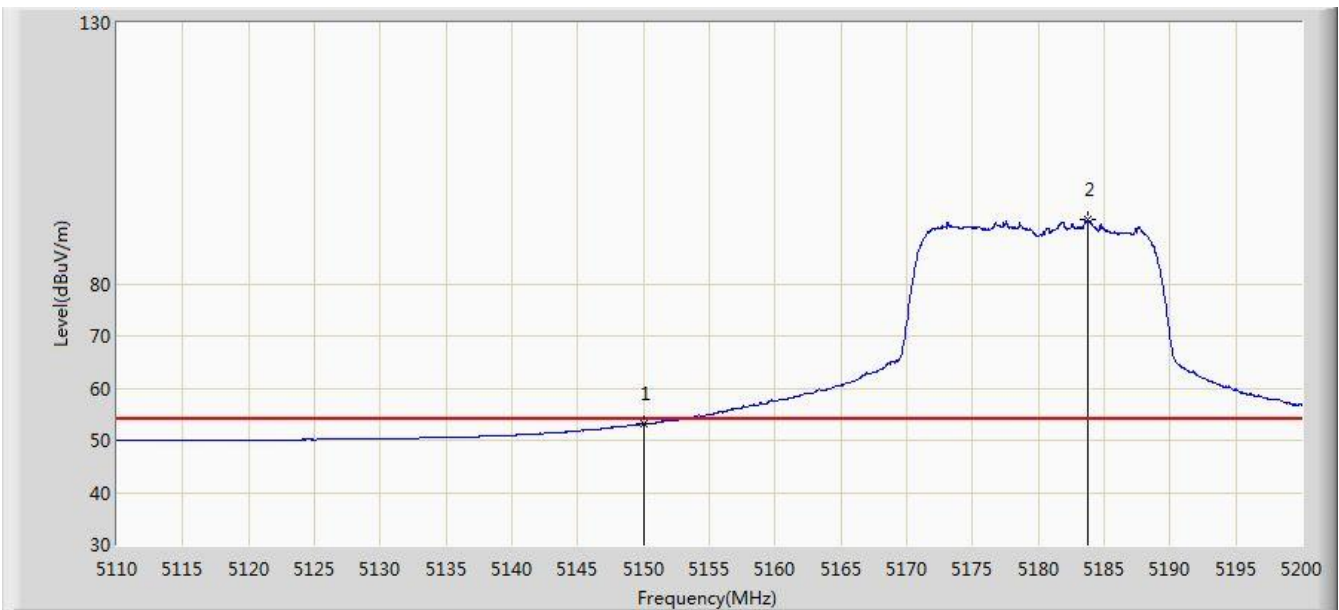


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.330	73.161	35.708	-0.839	74.000	37.453	PK
2			5150.000	70.231	32.779	-3.769	74.000	37.452	PK
3		*	5178.175	109.104	71.726	N/A	N/A	37.378	PK

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

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

Site: AC1	Time: 2017/05/16 - 20:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

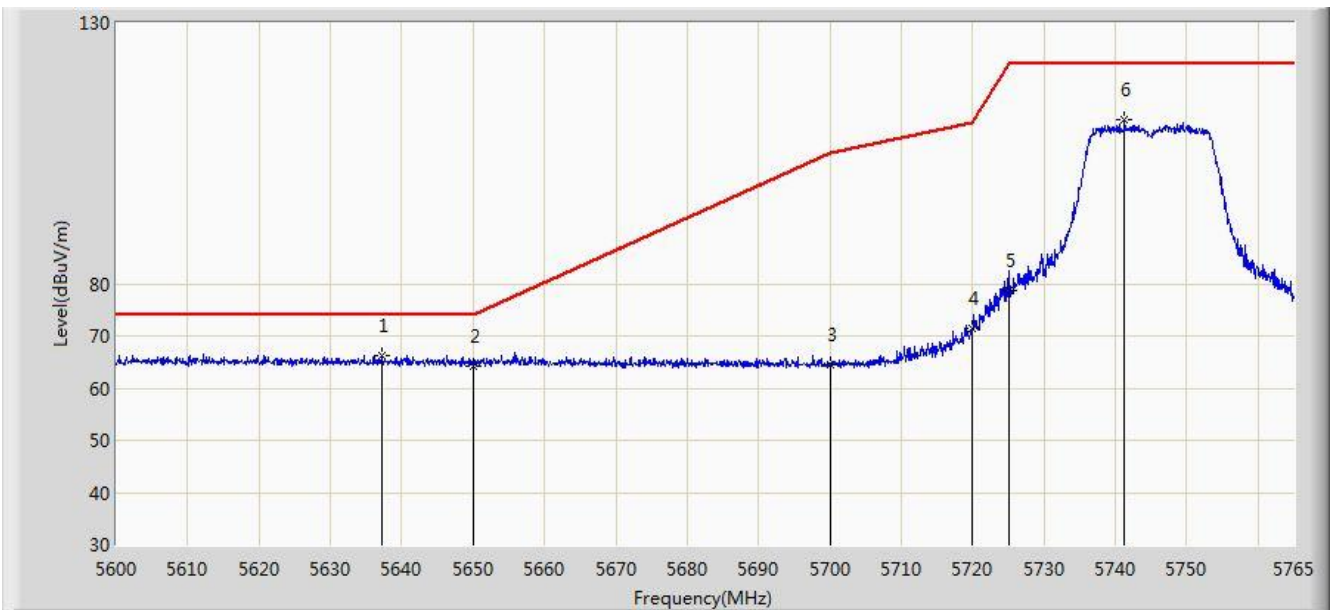


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.143	15.691	-0.857	54.000	37.452	AV
2		*	5183.710	92.287	54.922	N/A	N/A	37.365	AV

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

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

Site: AC1	Time: 2017/05/16 - 21:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1	

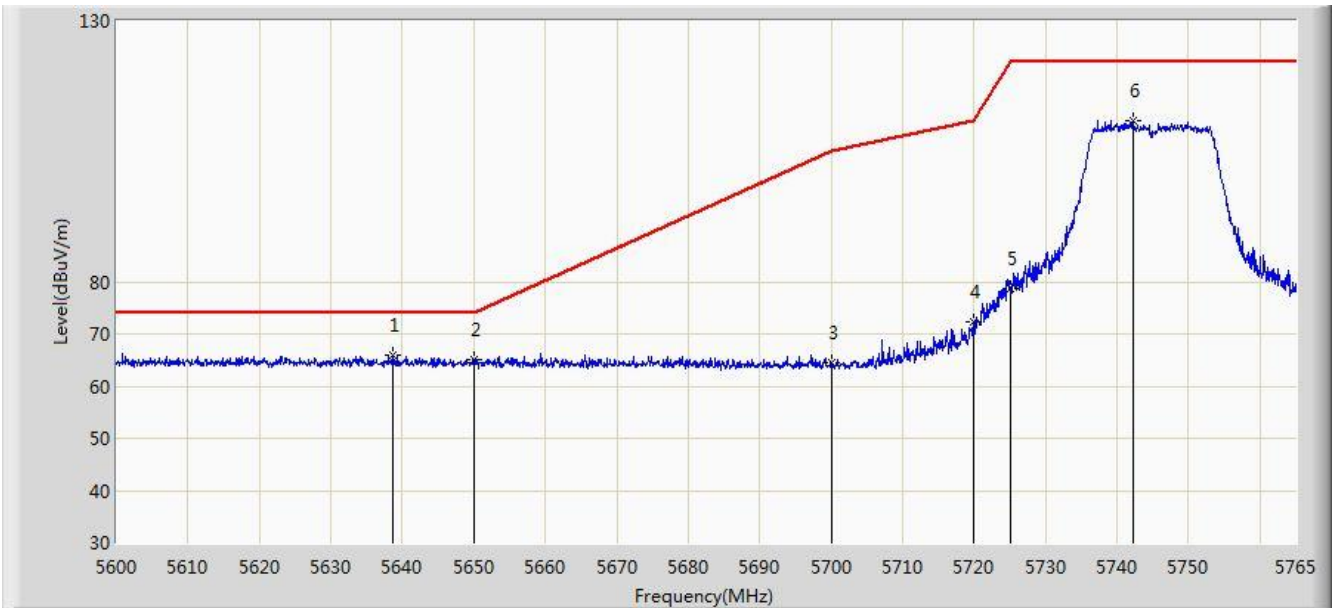


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5637.290	66.289	28.513	-7.711	74.000	37.775	PK
2			5650.000	64.245	26.458	-9.755	74.000	37.787	PK
3			5700.000	64.633	26.741	-40.567	105.200	37.892	PK
4			5720.000	71.418	33.449	-39.382	110.800	37.970	PK
5			5725.000	78.756	40.766	-43.444	122.200	37.990	PK
6			5741.322	111.402	73.346	N/A	N/A	38.056	PK

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

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

Site: AC1	Time: 2017/05/16 - 21:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1	

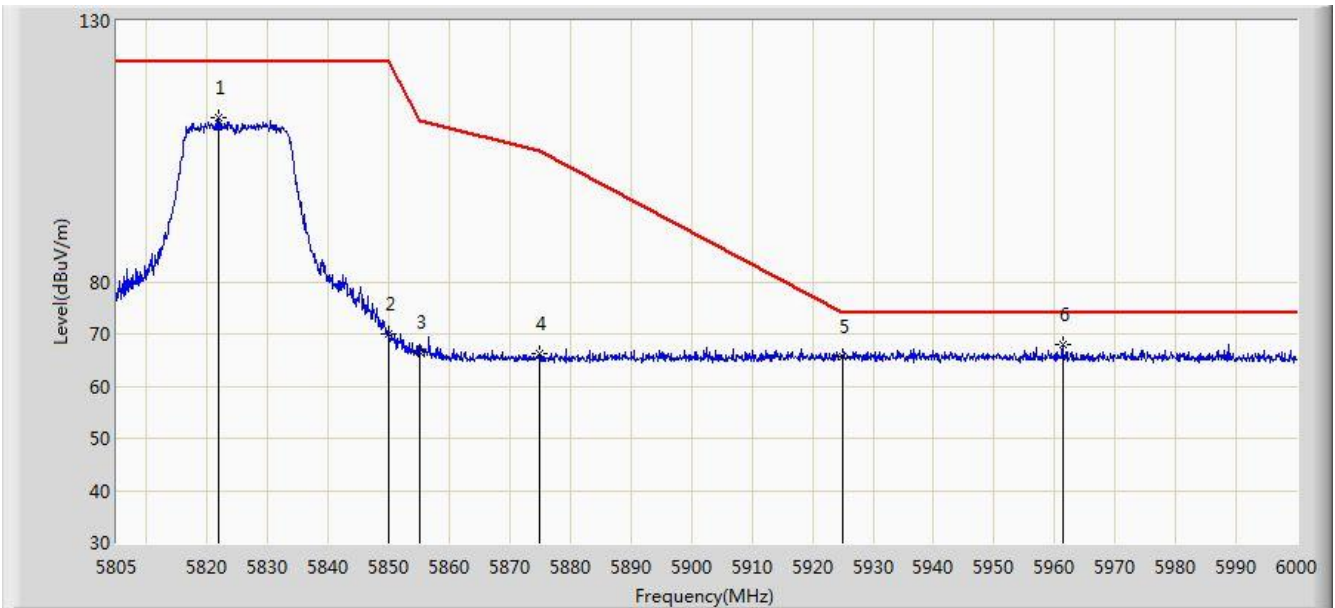


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.610	65.986	28.207	-8.014	74.000	37.779	PK
2			5650.000	64.968	27.181	-9.032	74.000	37.787	PK
3			5700.000	64.369	26.477	-40.831	105.200	37.892	PK
4			5720.000	72.295	34.326	-38.505	110.800	37.970	PK
5			5725.000	78.675	40.685	-43.525	122.200	37.990	PK
6			5742.230	110.997	72.938	N/A	N/A	38.060	PK

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

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

Site: AC1	Time: 2017/05/16 - 21:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1	

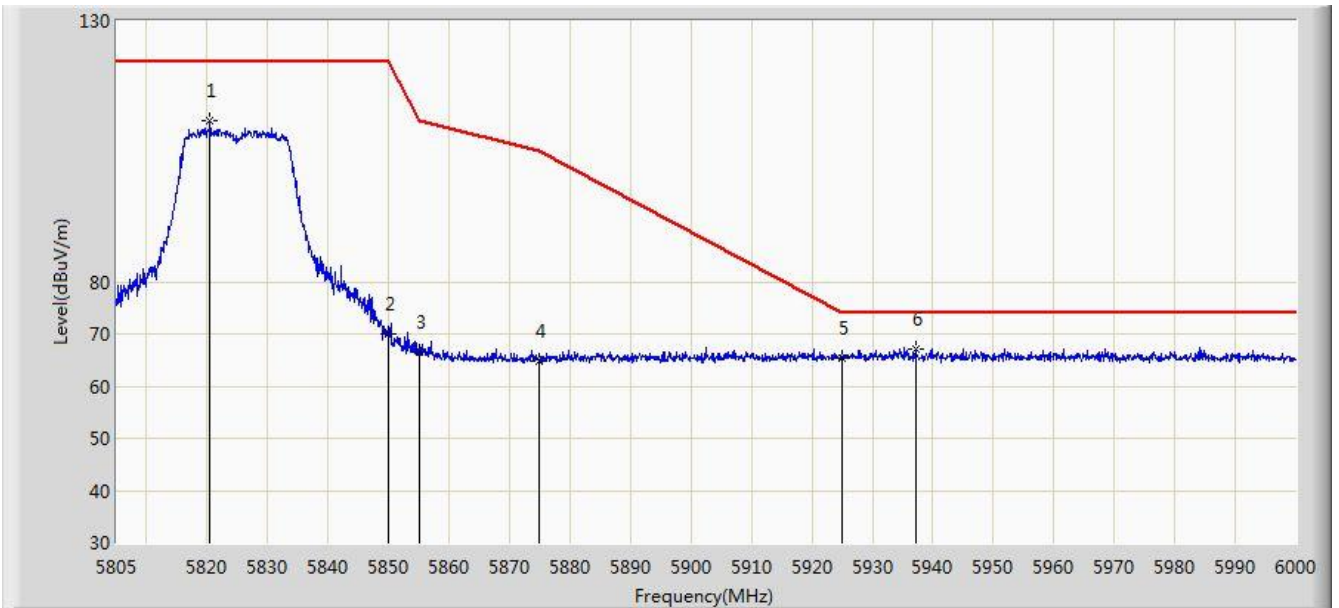


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.770	111.585	73.243	N/A	N/A	38.342	PK
2			5850.000	70.124	31.671	-52.076	122.200	38.454	PK
3			5855.000	66.595	28.130	-44.205	110.800	38.465	PK
4			5875.000	66.148	27.651	-39.052	105.200	38.497	PK
5			5925.000	65.630	27.097	-8.370	74.000	38.533	PK
6		*	5961.292	67.898	29.379	-6.102	74.000	38.519	PK

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

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

Site: AC1	Time: 2017/05/16 - 21:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1	

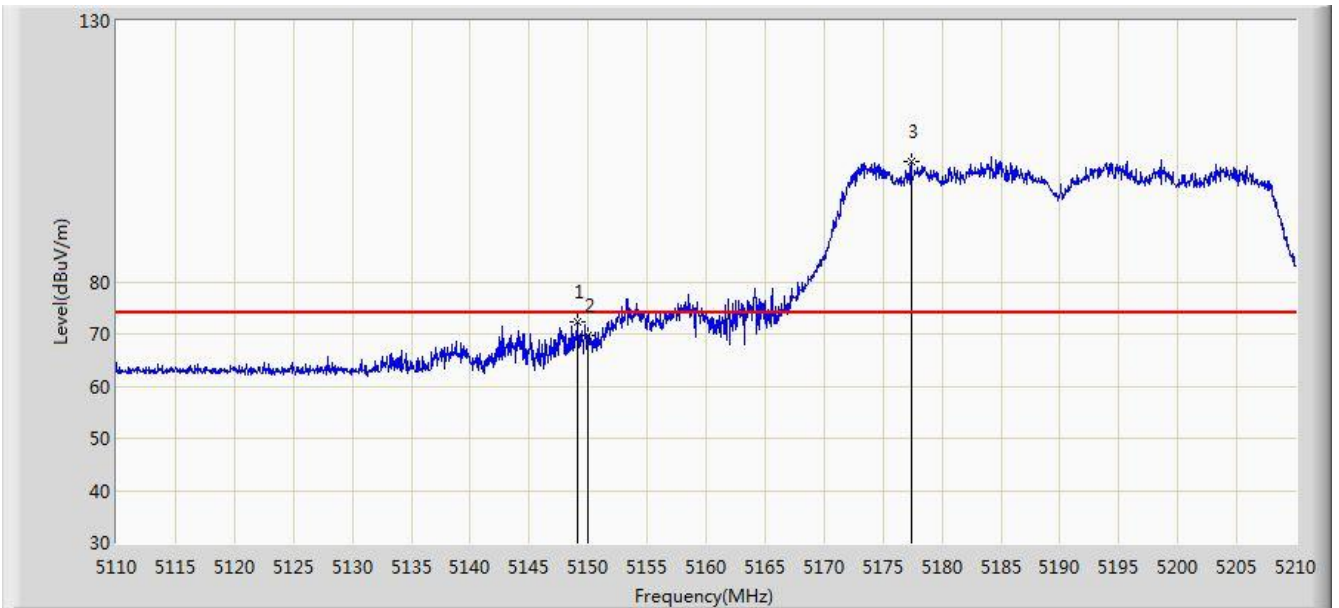


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.502	110.766	72.429	N/A	N/A	38.337	PK
2			5850.000	70.032	31.579	-52.168	122.200	38.454	PK
3			5855.000	66.593	28.128	-44.207	110.800	38.465	PK
4			5875.000	64.836	26.339	-40.364	105.200	38.497	PK
5			5925.000	65.396	26.863	-8.604	74.000	38.533	PK
6		*	5937.112	67.163	28.642	-6.837	74.000	38.521	PK

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

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

Site: AC1	Time: 2017/05/16 - 21:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

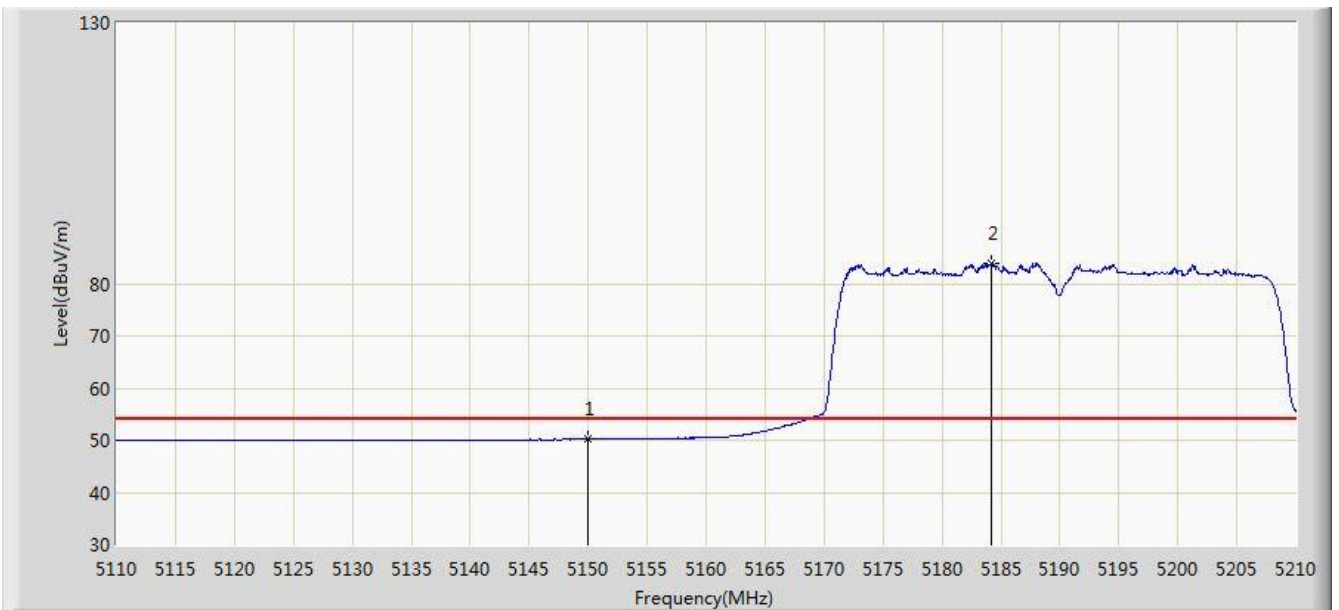


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.100	72.360	34.907	-1.640	74.000	37.453	PK
2			5150.000	69.629	32.177	-4.371	74.000	37.452	PK
3		*	5177.400	103.115	65.735	N/A	N/A	37.380	PK

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

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

Site: AC1	Time: 2017/05/16 - 21:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

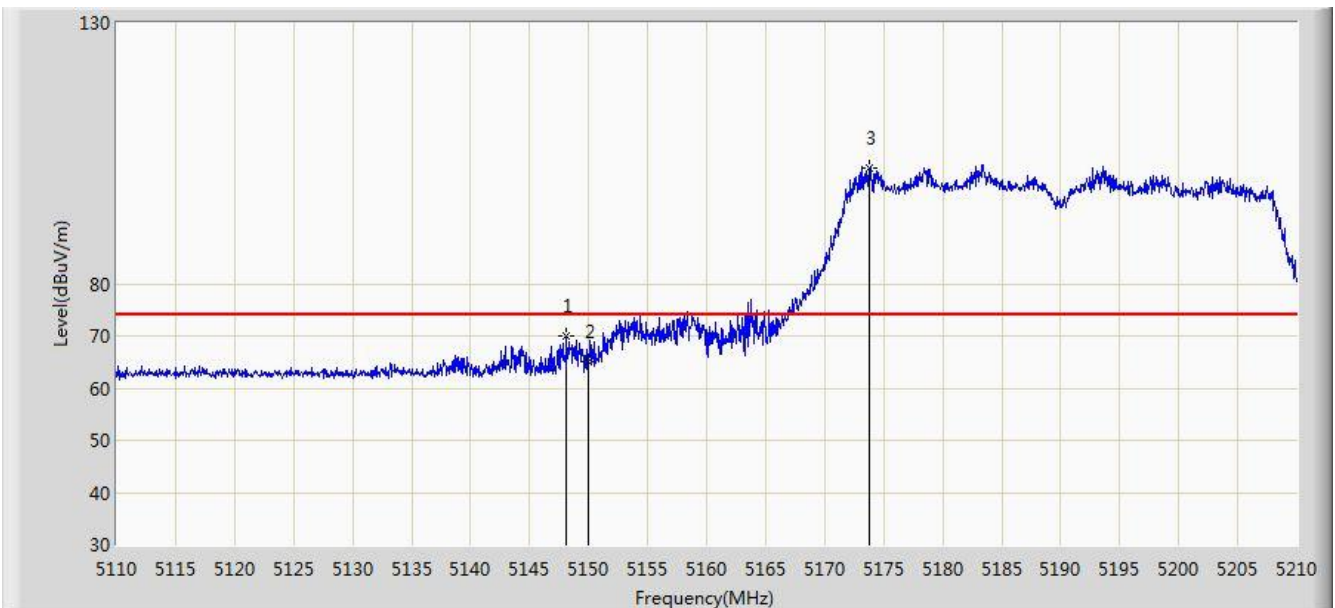


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.198	12.746	-3.802	54.000	37.452	AV
2		*	5184.200	84.004	46.640	N/A	N/A	37.364	AV

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

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

Site: AC1	Time: 2017/05/16 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

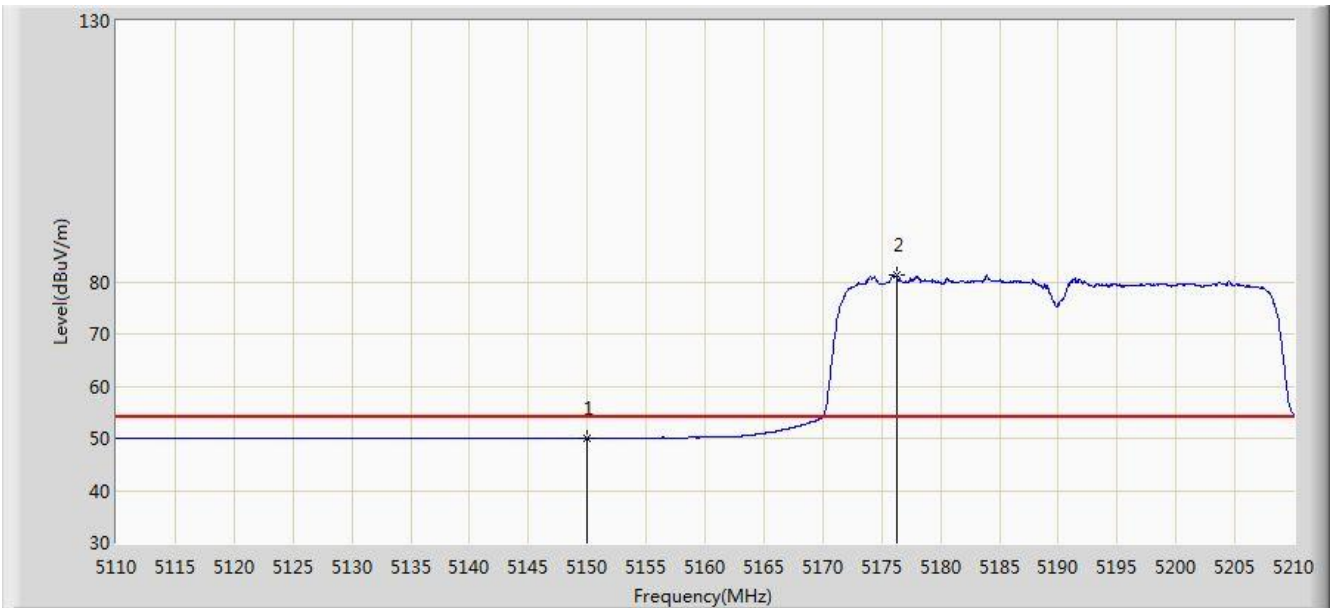


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.100	70.125	32.670	-3.875	74.000	37.455	PK
2			5150.000	65.007	27.555	-8.993	74.000	37.452	PK
3		*	5173.800	102.237	64.849	N/A	N/A	37.387	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1	

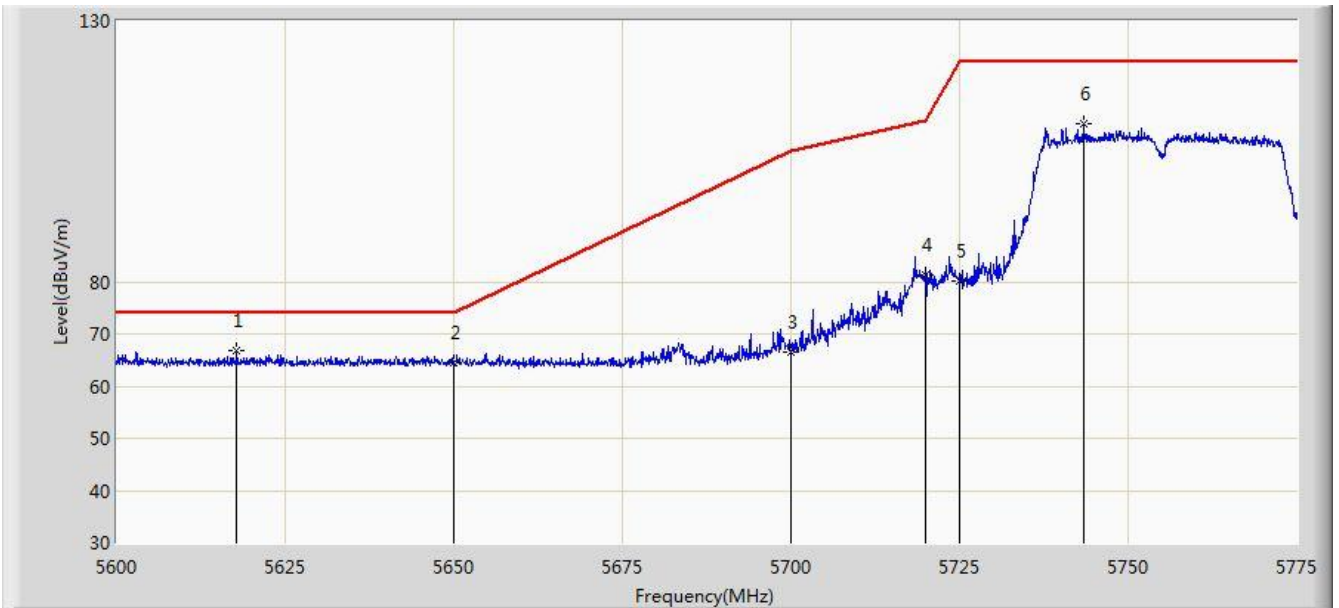


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.034	12.582	-3.966	54.000	37.452	AV
2		*	5176.250	81.295	43.913	N/A	N/A	37.382	AV

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

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

Site: AC1	Time: 2017/05/16 - 22:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1	

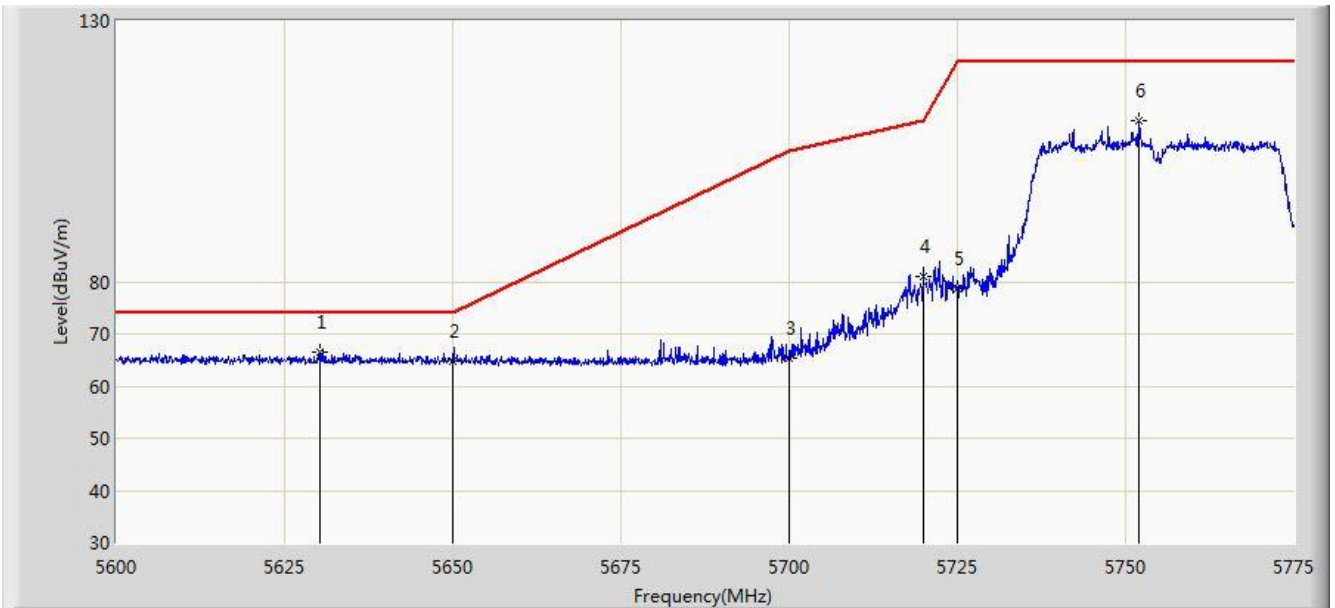


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5617.850	66.786	29.055	-7.214	74.000	37.731	PK
2			5650.000	64.393	26.606	-9.607	74.000	37.787	PK
3			5700.000	66.606	28.714	-38.594	105.200	37.892	PK
4			5720.000	81.160	43.191	-29.640	110.800	37.970	PK
5			5725.000	80.276	42.286	-41.924	122.200	37.990	PK
6			5743.413	110.239	72.175	N/A	N/A	38.065	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1	

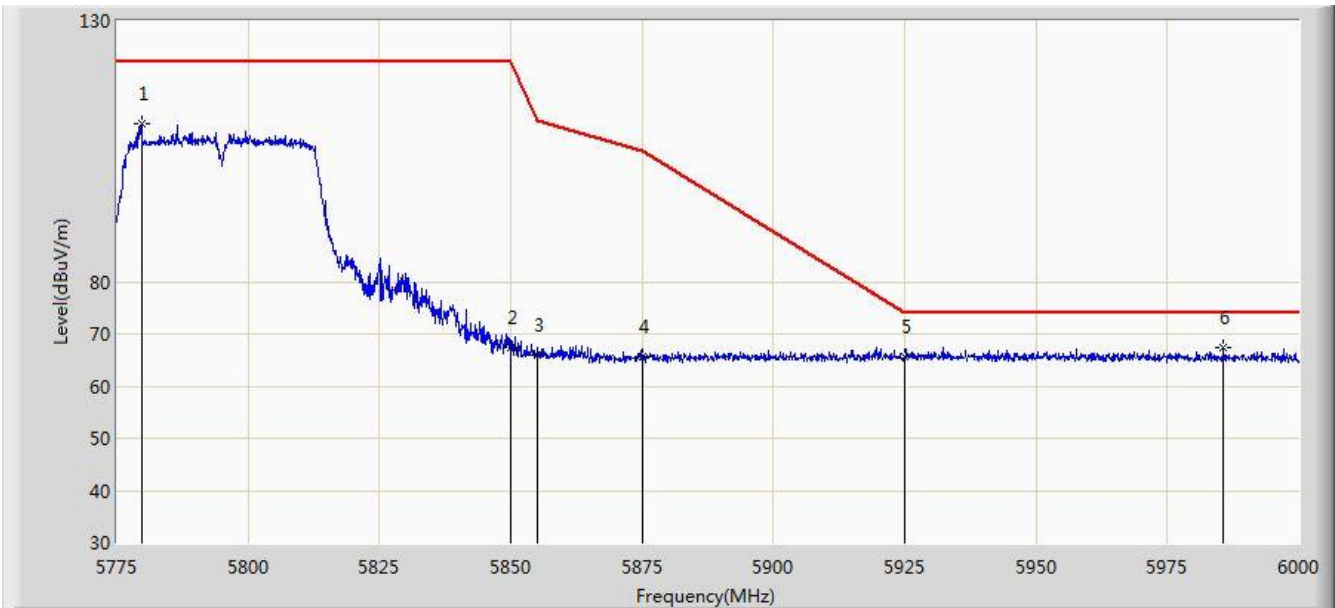


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.362	66.496	28.738	-7.504	74.000	37.758	PK
2			5650.000	64.740	26.953	-9.260	74.000	37.787	PK
3			5700.000	65.318	27.426	-39.882	105.200	37.892	PK
4			5720.000	81.157	43.188	-29.643	110.800	37.970	PK
5			5725.000	78.615	40.625	-43.585	122.200	37.990	PK
6			5752.075	110.918	72.812	N/A	N/A	38.105	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1	

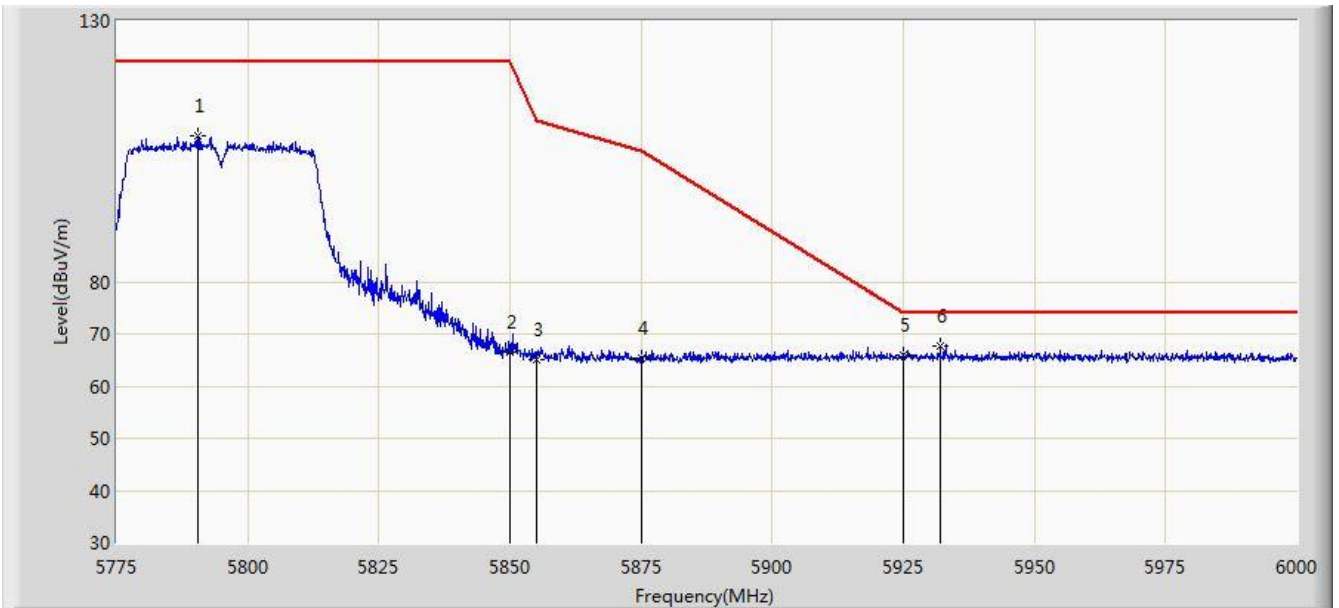


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5779.725	110.278	72.085	N/A	N/A	38.193	PK
2			5850.000	67.416	28.963	-54.784	122.200	38.454	PK
3			5855.000	65.868	27.403	-44.932	110.800	38.465	PK
4			5875.000	65.517	27.020	-39.683	105.200	38.497	PK
5			5925.000	65.681	27.148	-8.319	74.000	38.533	PK
6		*	5985.712	67.446	28.879	-6.554	74.000	38.567	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1	

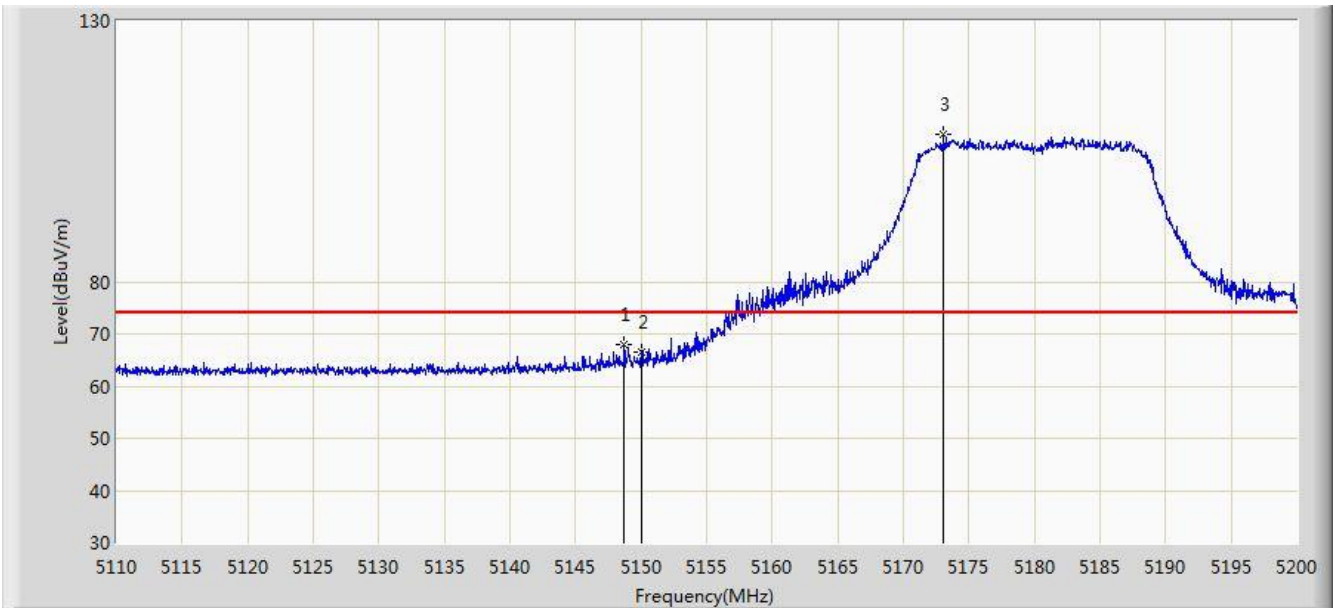


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5790.413	107.876	69.644	N/A	N/A	38.232	PK
2			5850.000	66.394	27.941	-55.806	122.200	38.454	PK
3			5855.000	65.061	26.596	-45.739	110.800	38.465	PK
4			5875.000	65.302	26.805	-39.898	105.200	38.497	PK
5			5925.000	66.042	27.509	-7.958	74.000	38.533	PK
6		*	5932.050	67.738	29.208	-6.262	74.000	38.530	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

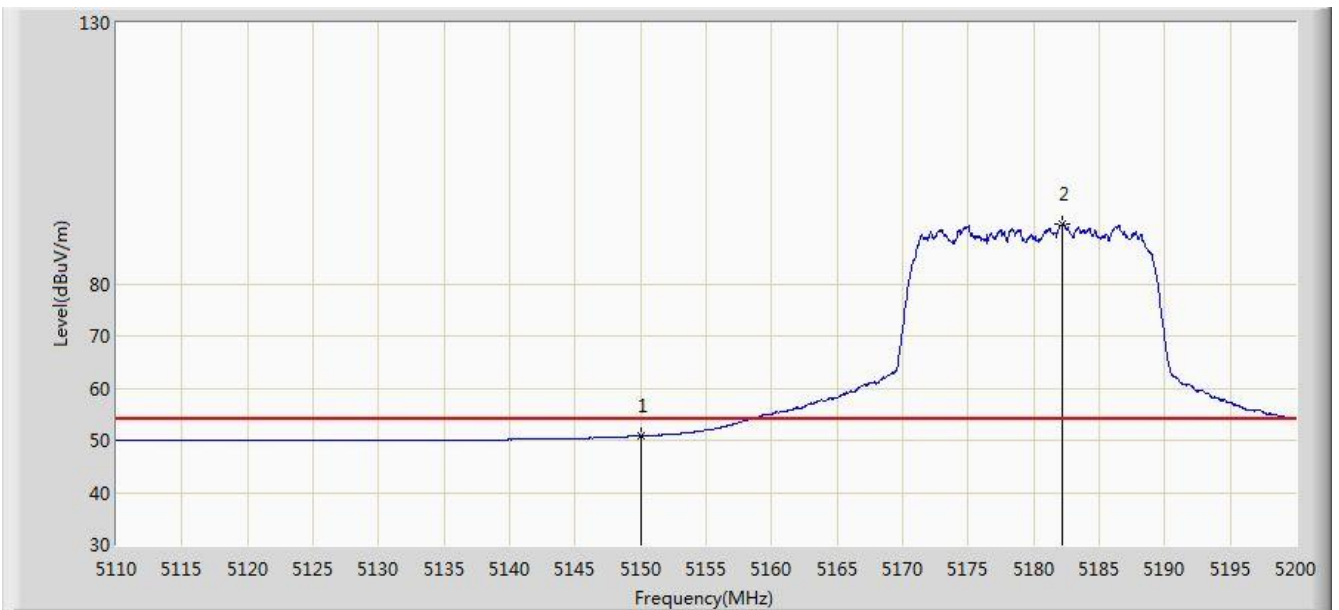


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	67.910	30.456	-6.090	74.000	37.454	PK
2			5150.000	66.563	29.111	-7.437	74.000	37.452	PK
3		*	5173.090	108.278	70.889	N/A	N/A	37.390	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

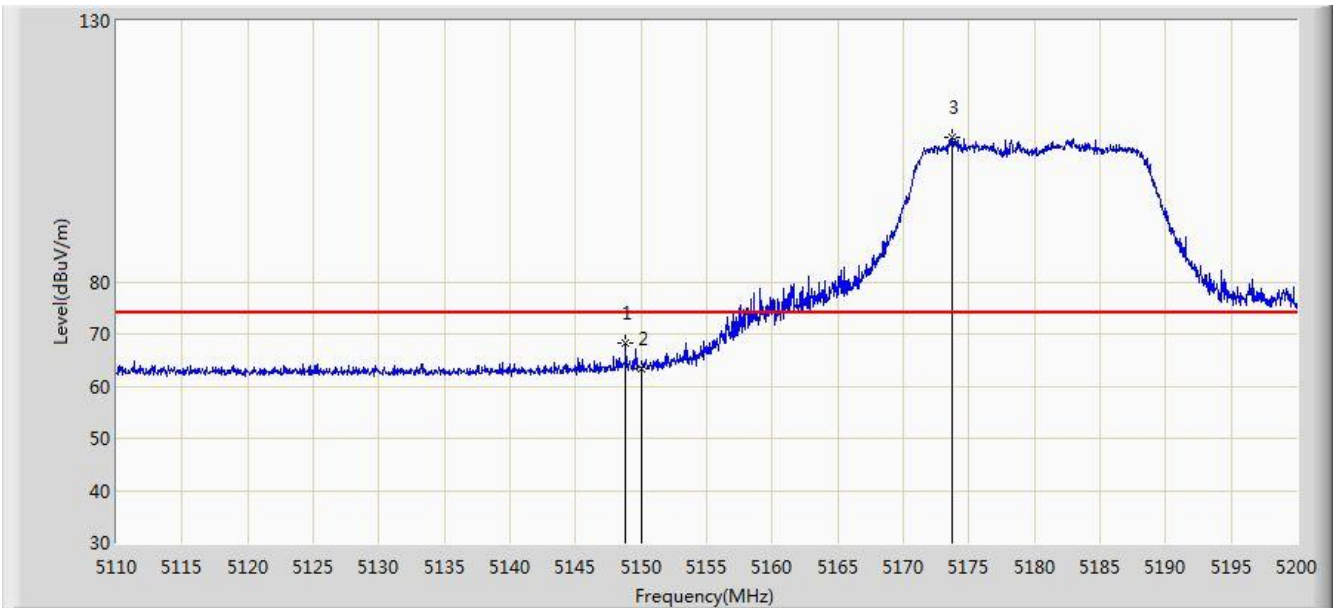


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.910	13.458	-3.090	54.000	37.452	AV
2		*	5182.135	91.369	54.000	N/A	N/A	37.369	AV

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

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

Site: AC1	Time: 2017/05/16 - 22:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

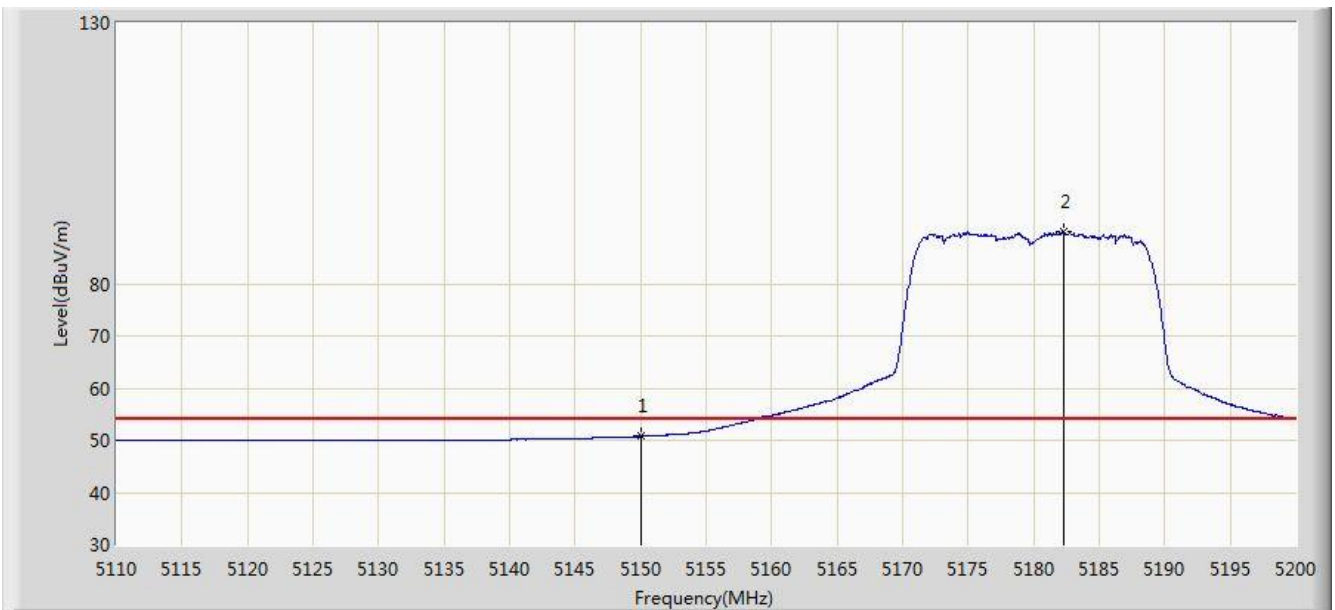


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.835	68.388	30.935	-5.612	74.000	37.454	PK
2			5150.000	63.405	25.953	-10.595	74.000	37.452	PK
3		*	5173.765	107.798	70.410	N/A	N/A	37.388	PK

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

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

Site: AC1	Time: 2017/05/16 - 22:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1	

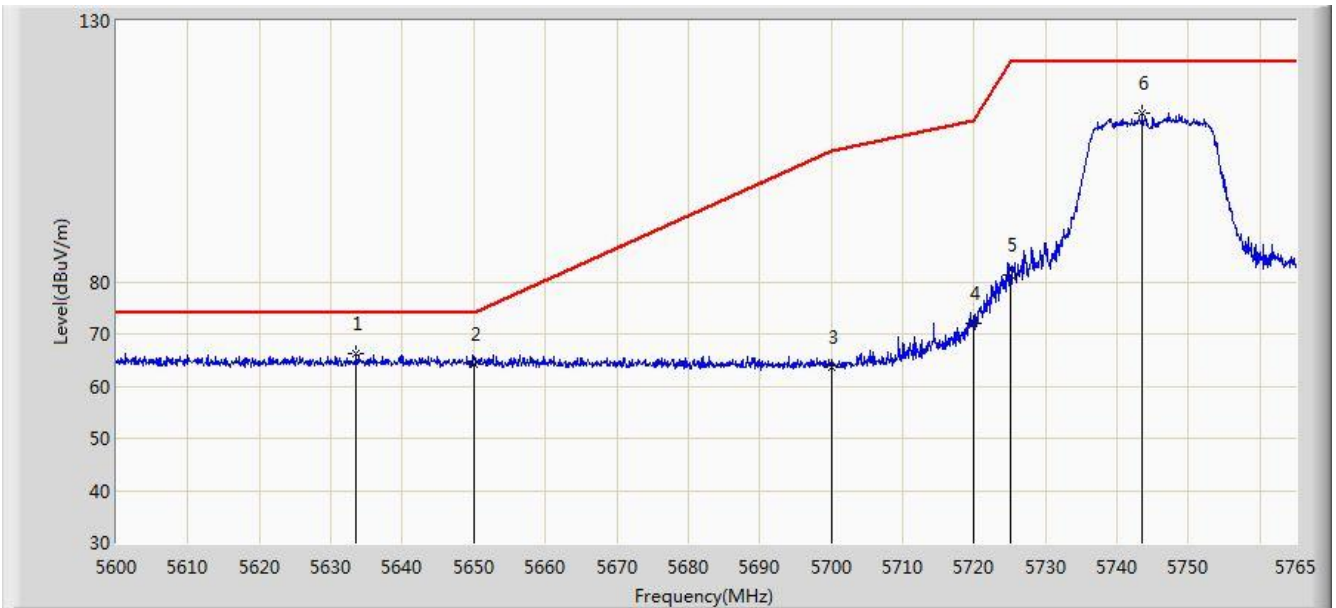


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.764	13.312	-3.236	54.000	37.452	AV
2		*	5182.315	90.107	52.739	N/A	N/A	37.368	AV

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

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

Site: AC1	Time: 2017/05/16 - 23:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1	

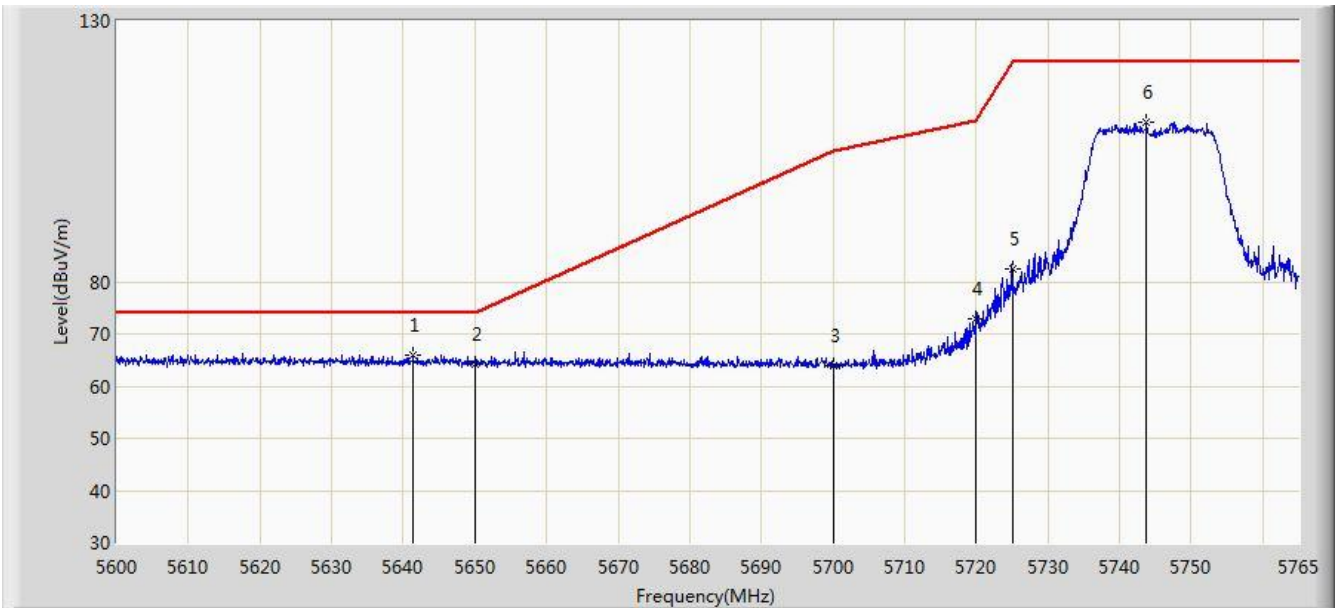


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5633.578	66.214	28.448	-7.786	74.000	37.767	PK
2			5650.000	64.135	26.348	-9.865	74.000	37.787	PK
3			5700.000	63.754	25.862	-41.446	105.200	37.892	PK
4			5720.000	71.948	33.979	-38.852	110.800	37.970	PK
5			5725.000	81.336	43.346	-40.864	122.200	37.990	PK
6			5743.550	112.203	74.138	N/A	N/A	38.065	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1	

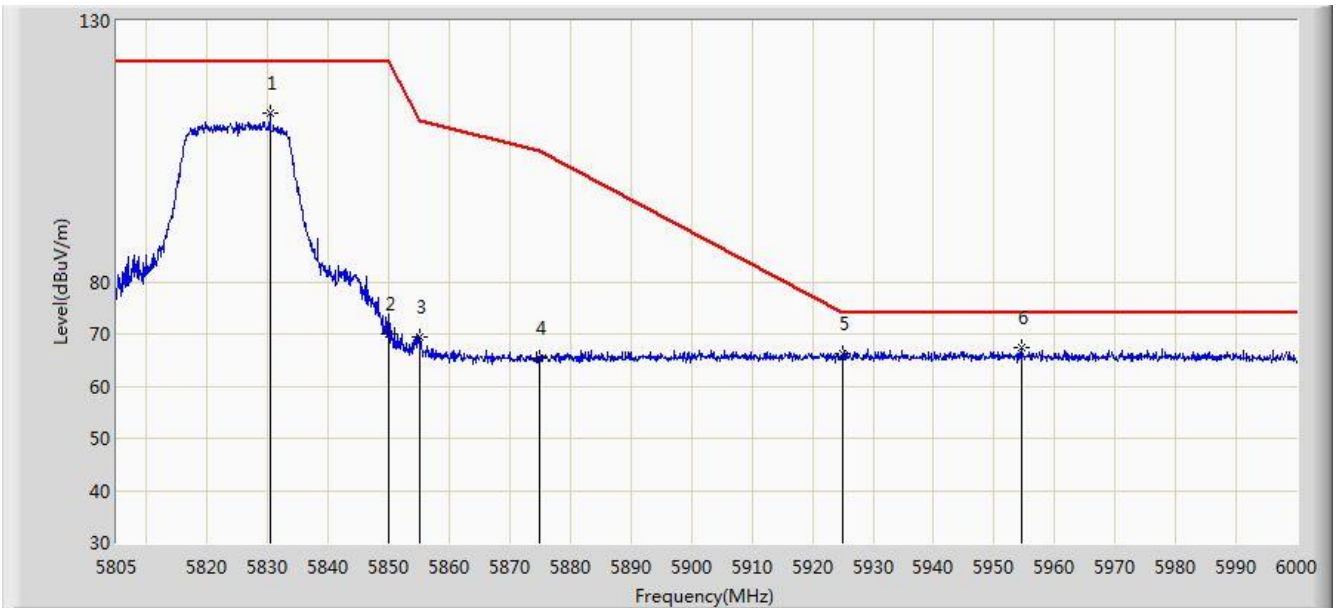


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.333	66.036	28.251	-7.964	74.000	37.785	PK
2			5650.000	64.069	26.282	-9.931	74.000	37.787	PK
3			5700.000	64.036	26.144	-41.164	105.200	37.892	PK
4			5720.000	72.759	34.790	-38.041	110.800	37.970	PK
5			5725.000	82.596	44.606	-39.604	122.200	37.990	PK
6			5743.797	110.643	72.577	N/A	N/A	38.066	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1	

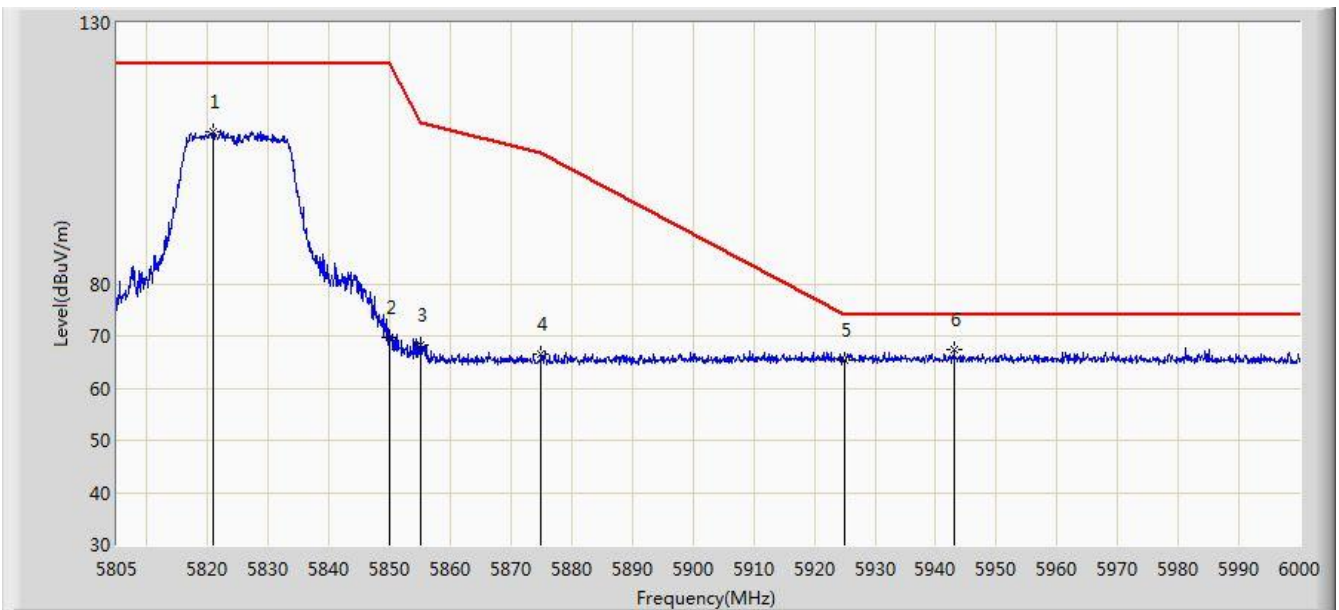


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.350	112.327	73.949	N/A	N/A	38.378	PK
2			5850.000	69.896	31.443	-52.304	122.200	38.454	PK
3			5855.000	69.355	30.890	-41.445	110.800	38.465	PK
4			5875.000	65.230	26.733	-39.970	105.200	38.497	PK
5			5925.000	66.104	27.571	-7.896	74.000	38.533	PK
6		*	5954.663	67.398	28.890	-6.602	74.000	38.508	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1	

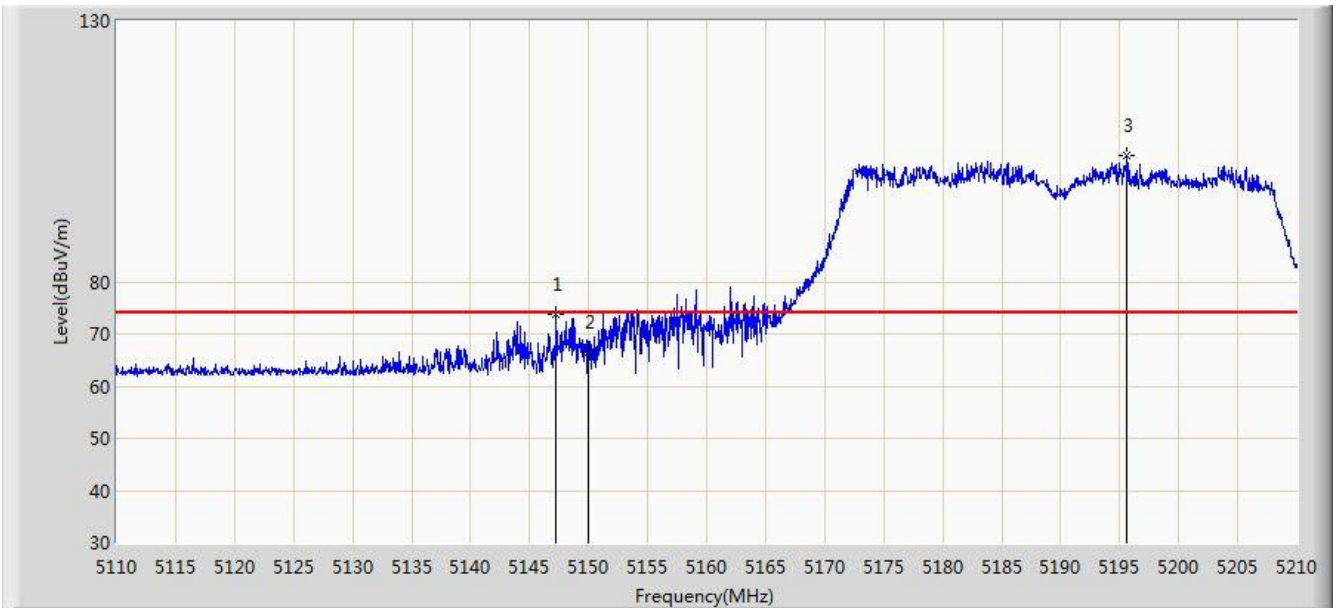


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.795	109.168	70.830	N/A	N/A	38.338	PK
2			5850.000	69.617	31.164	-52.583	122.200	38.454	PK
3			5855.000	68.389	29.924	-42.411	110.800	38.465	PK
4			5875.000	66.567	28.070	-38.633	105.200	38.497	PK
5			5925.000	65.446	26.913	-8.554	74.000	38.533	PK
6		*	5943.060	67.513	29.004	-6.487	74.000	38.509	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

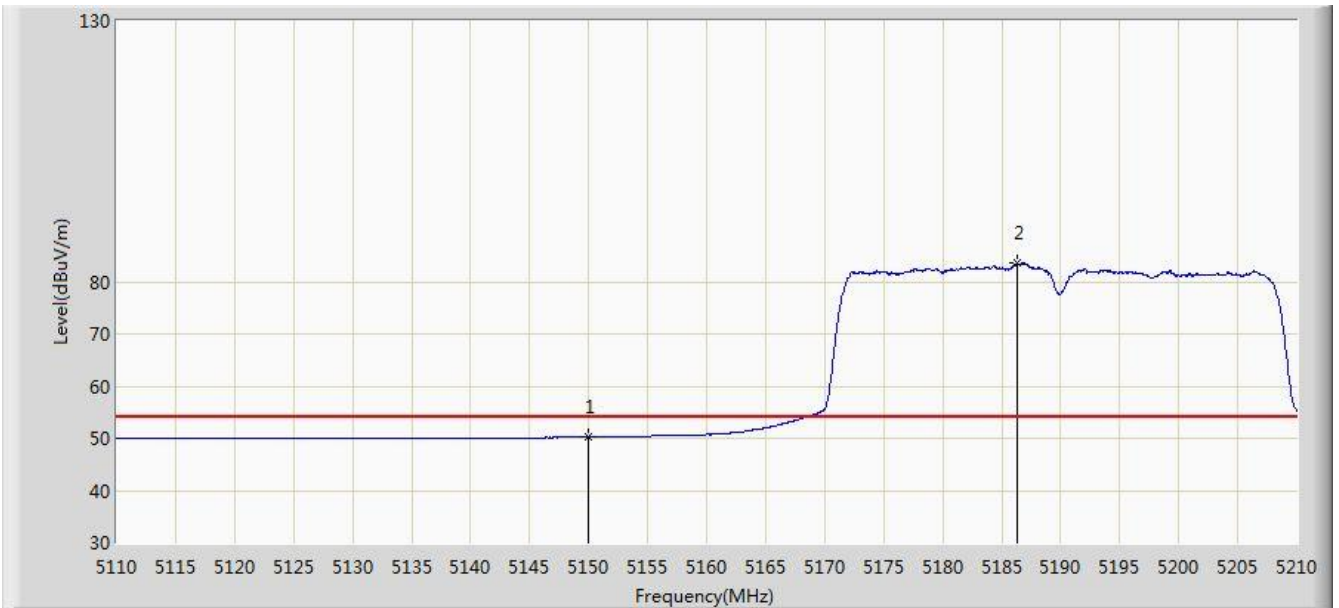


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.250	73.672	36.216	-0.328	74.000	37.456	PK
2			5150.000	66.601	29.149	-7.399	74.000	37.452	PK
3		*	5195.650	104.169	66.833	N/A	N/A	37.336	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

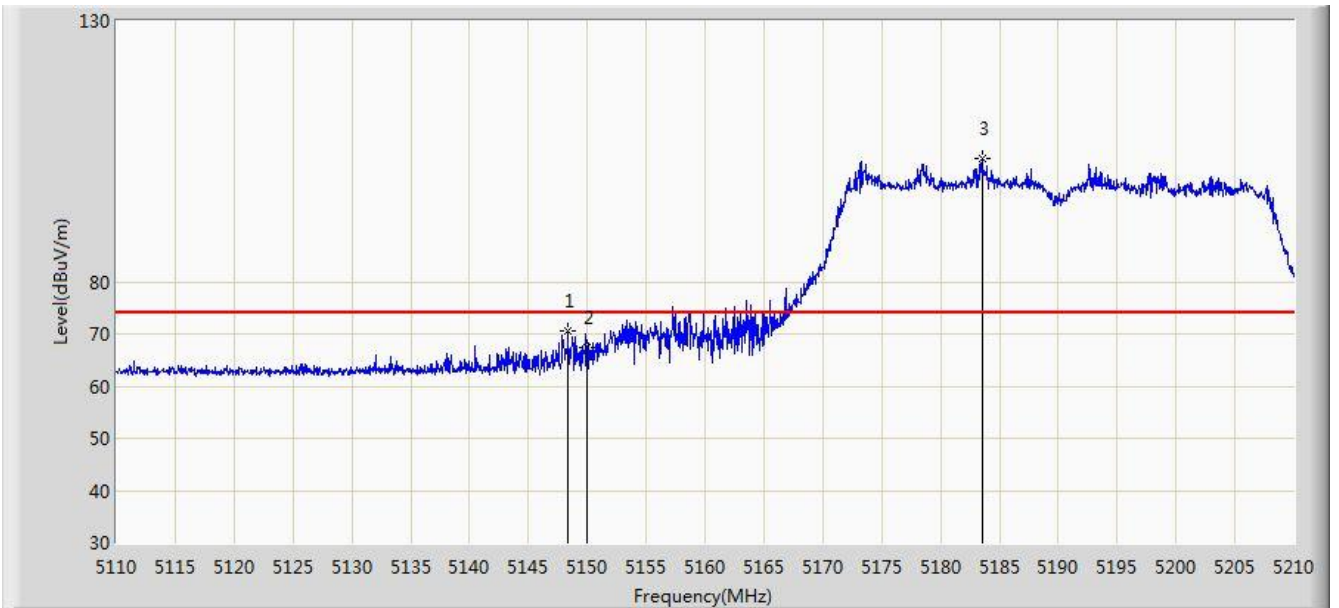


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.204	12.752	-3.796	54.000	37.452	AV
2		*	5186.350	83.582	46.224	N/A	N/A	37.358	AV

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

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

Site: AC1	Time: 2017/05/16 - 23:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

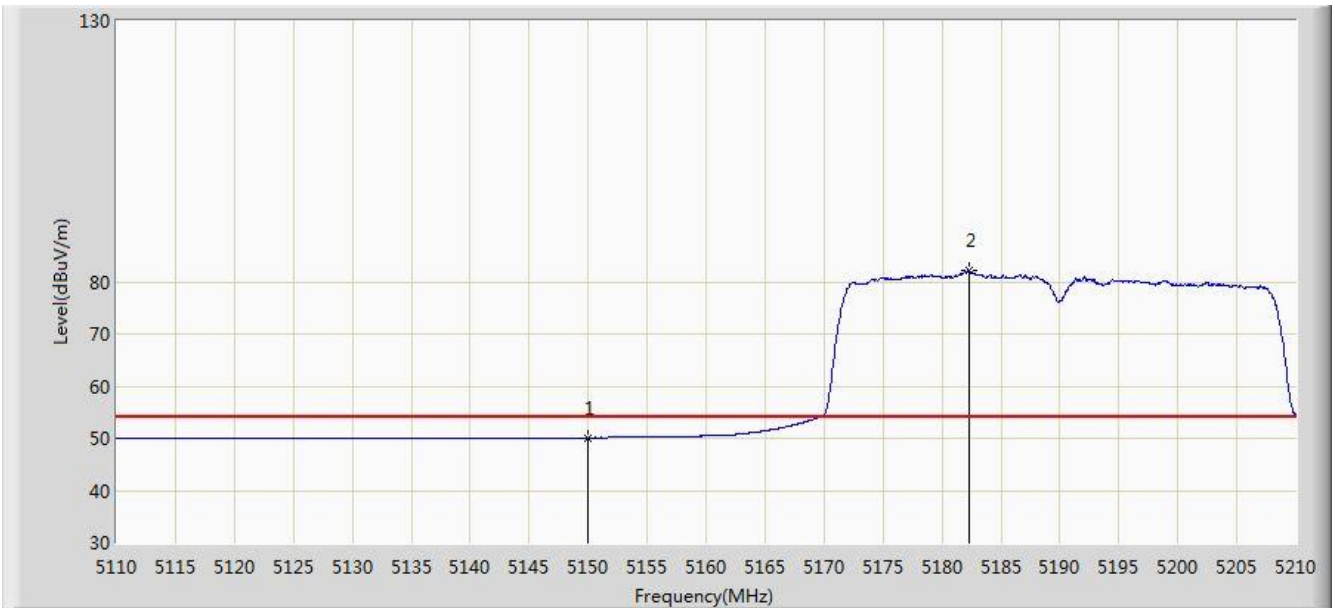


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.400	70.685	33.231	-3.315	74.000	37.454	PK
2			5150.000	67.479	30.027	-6.521	74.000	37.452	PK
3		*	5183.550	103.502	66.137	N/A	N/A	37.365	PK

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

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

Site: AC1	Time: 2017/05/16 - 23:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1	

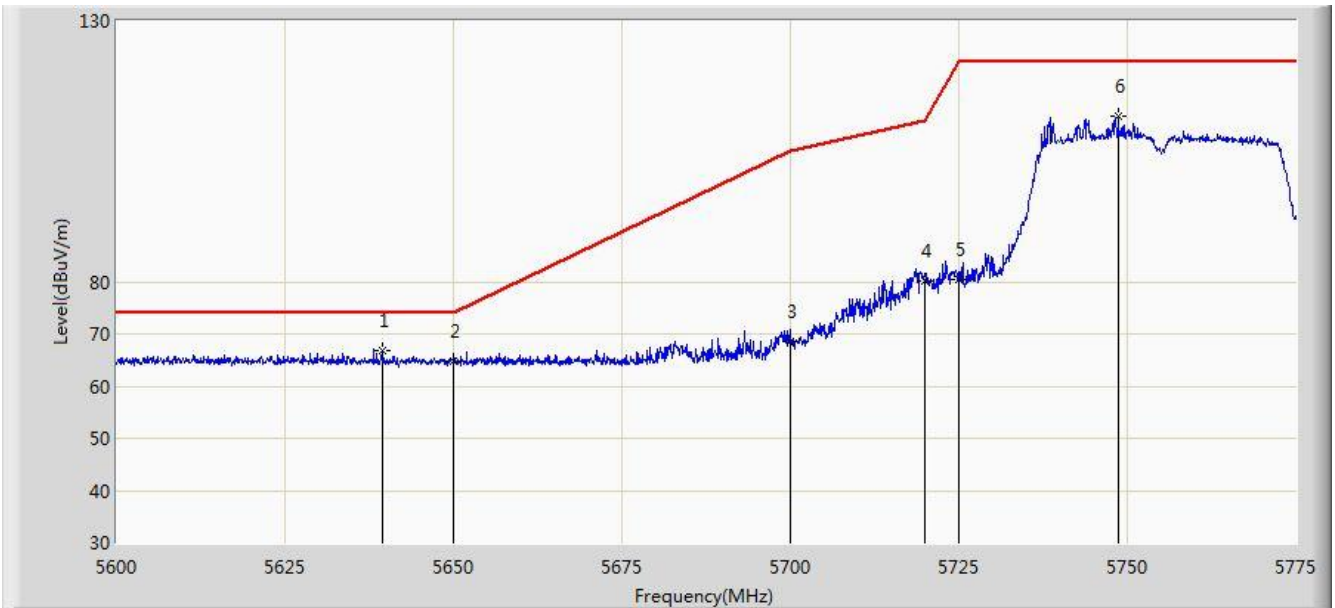


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.108	12.656	-3.892	54.000	37.452	AV
2		*	5182.250	82.087	44.718	N/A	N/A	37.368	AV

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

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

Site: AC1	Time: 2017/05/17 - 00:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

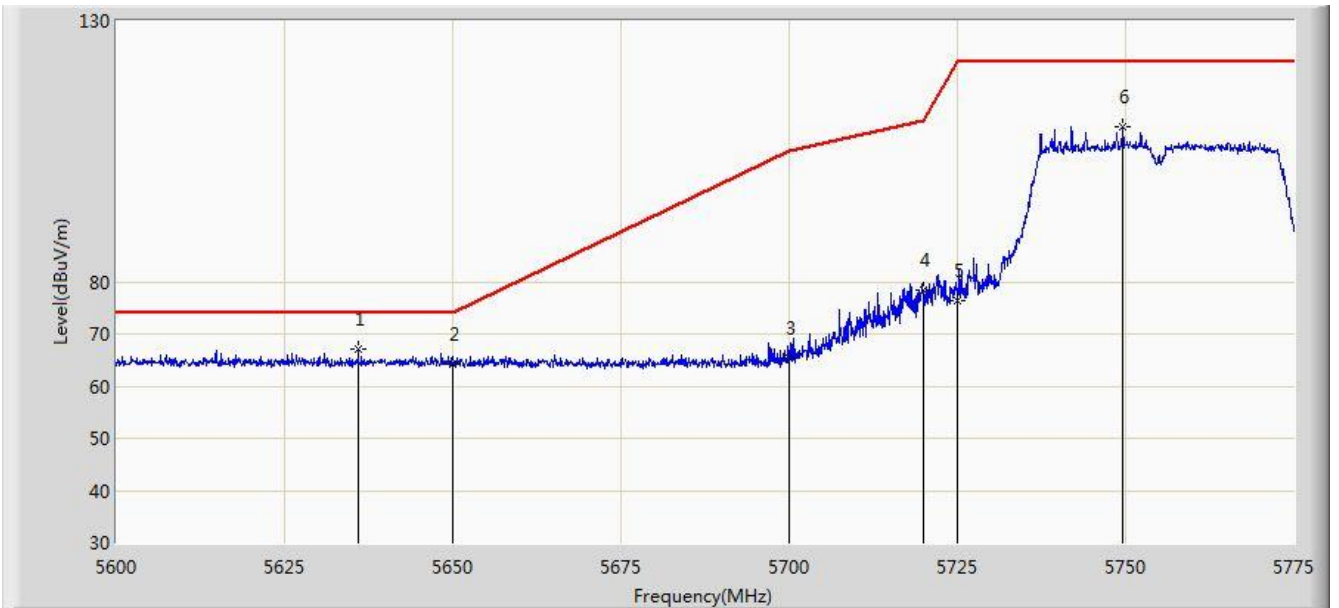


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.375	66.818	29.037	-7.182	74.000	37.781	PK
2			5650.000	64.905	27.118	-9.095	74.000	37.787	PK
3			5700.000	68.670	30.778	-36.530	105.200	37.892	PK
4			5720.000	80.232	42.263	-30.568	110.800	37.970	PK
5			5725.000	80.432	42.442	-41.768	122.200	37.990	PK
6			5748.663	111.688	73.599	N/A	N/A	38.090	PK

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

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

Site: AC1	Time: 2017/05/17 - 00:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1	

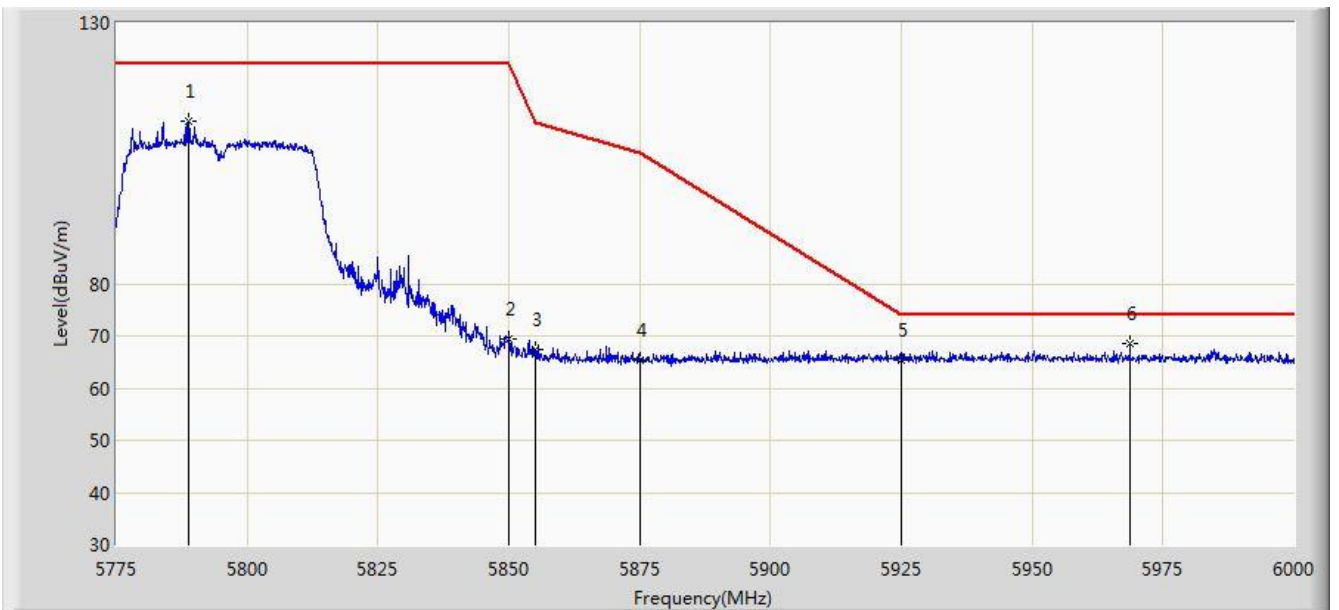


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5635.962	67.210	29.438	-6.790	74.000	37.772	PK
2			5650.000	64.082	26.295	-9.918	74.000	37.787	PK
3			5700.000	65.287	27.395	-39.913	105.200	37.892	PK
4			5720.000	78.269	40.300	-32.531	110.800	37.970	PK
5			5725.000	76.509	38.519	-45.691	122.200	37.990	PK
6			5749.625	109.803	71.709	N/A	N/A	38.094	PK

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

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

Site: AC1	Time: 2017/05/17 - 00:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1	

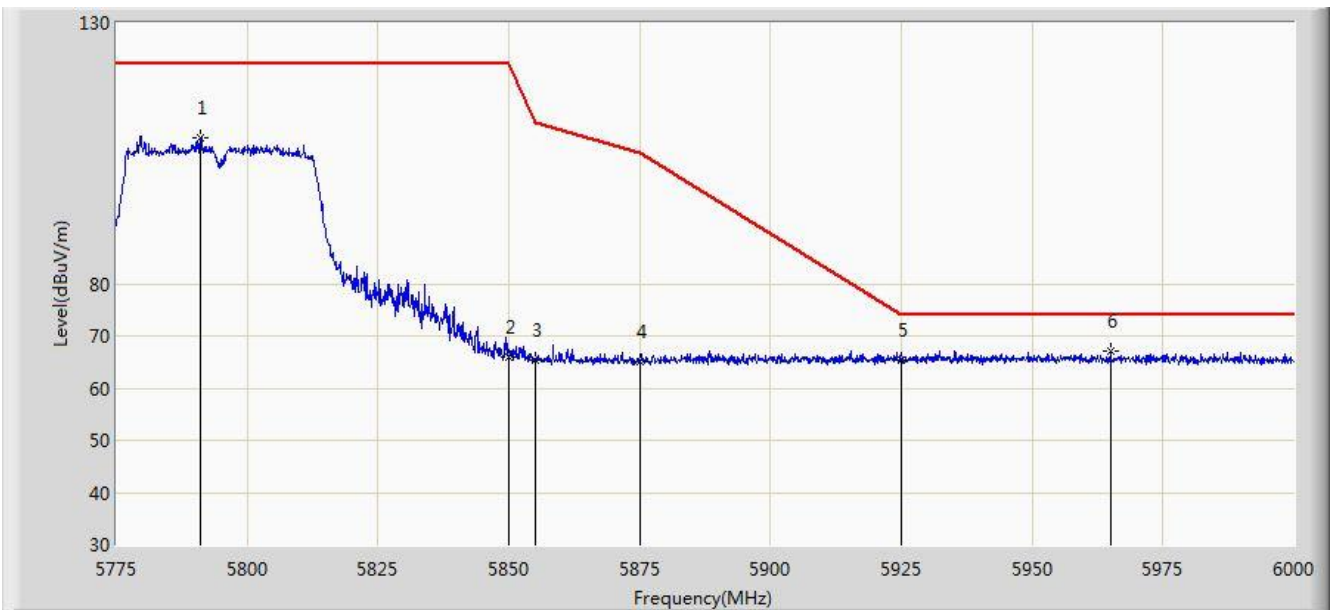


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5788.725	111.073	72.847	N/A	N/A	38.226	PK
2			5850.000	69.424	30.971	-52.776	122.200	38.454	PK
3			5855.000	67.263	28.798	-43.537	110.800	38.465	PK
4			5875.000	65.445	26.948	-39.755	105.200	38.497	PK
5			5925.000	65.429	26.896	-8.571	74.000	38.533	PK
6		*	5968.725	68.459	29.926	-5.541	74.000	38.532	PK

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

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

Site: AC1	Time: 2017/05/17 - 00:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1	

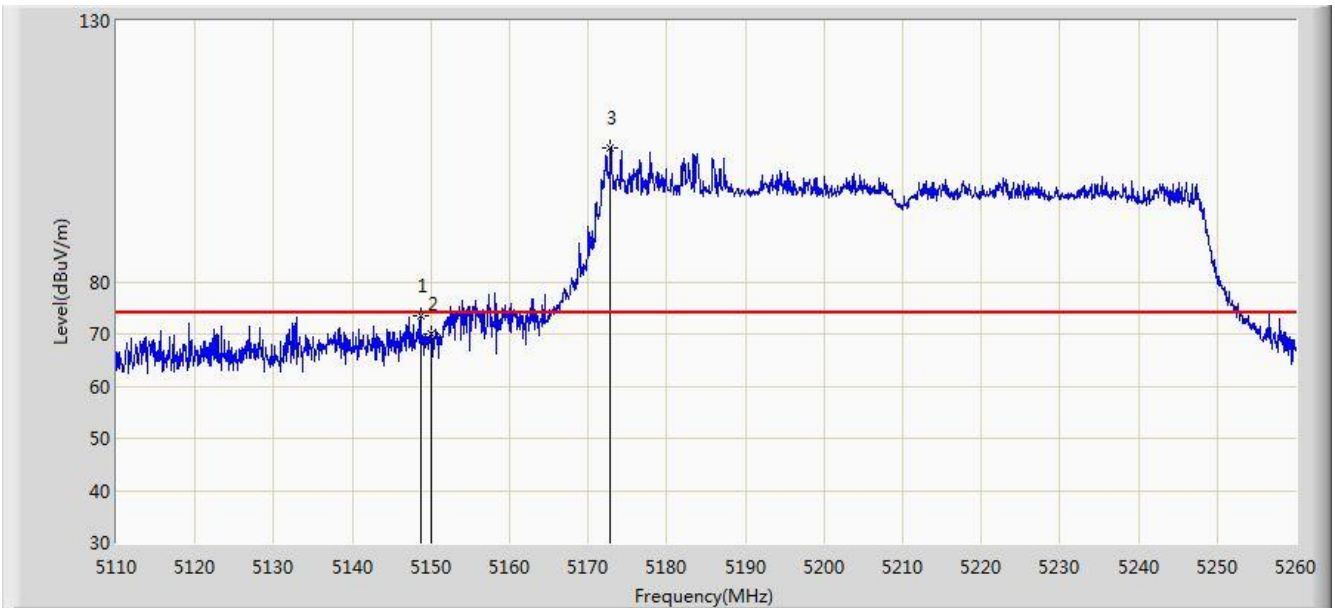


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.200	107.877	69.642	N/A	N/A	38.235	PK
2			5850.000	66.074	27.621	-56.126	122.200	38.454	PK
3			5855.000	65.389	26.924	-45.411	110.800	38.465	PK
4			5875.000	64.970	26.473	-40.230	105.200	38.497	PK
5			5925.000	65.422	26.889	-8.578	74.000	38.533	PK
6		*	5964.900	67.149	28.624	-6.851	74.000	38.526	PK

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

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

Site: AC1	Time: 2017/05/17 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

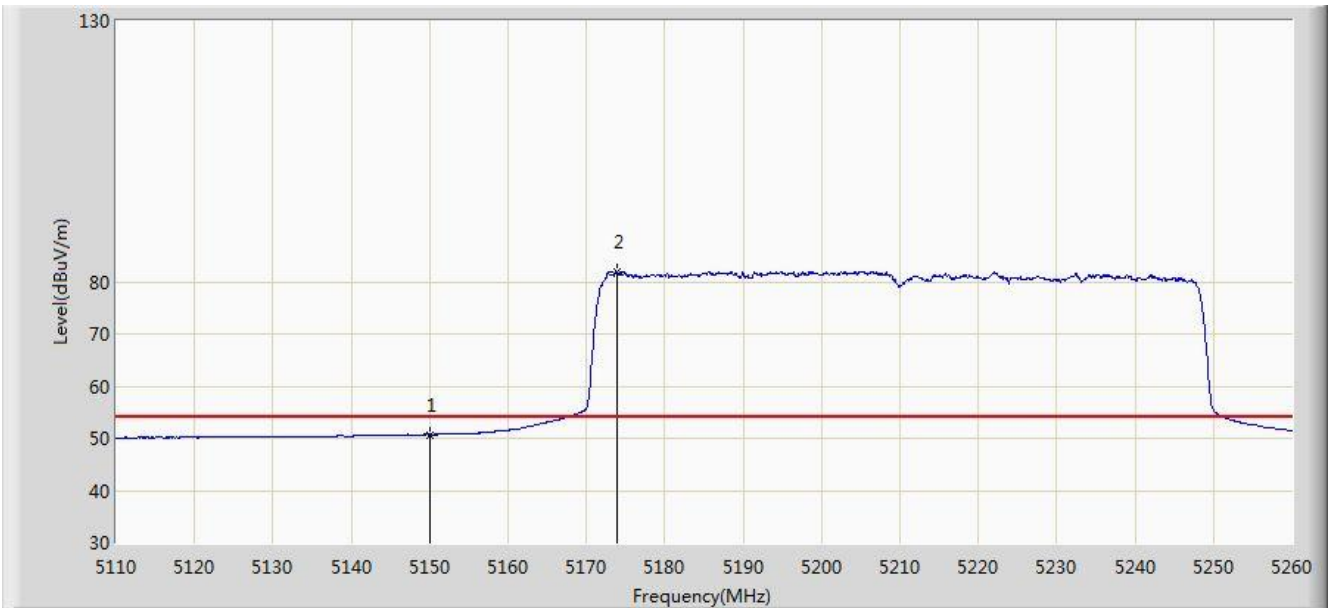


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	73.497	36.043	-0.503	74.000	37.454	PK
2			5150.000	69.974	32.522	-4.026	74.000	37.452	PK
3		*	5172.775	105.587	68.197	N/A	N/A	37.390	PK

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

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

Site: AC1	Time: 2017/05/17 - 01:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

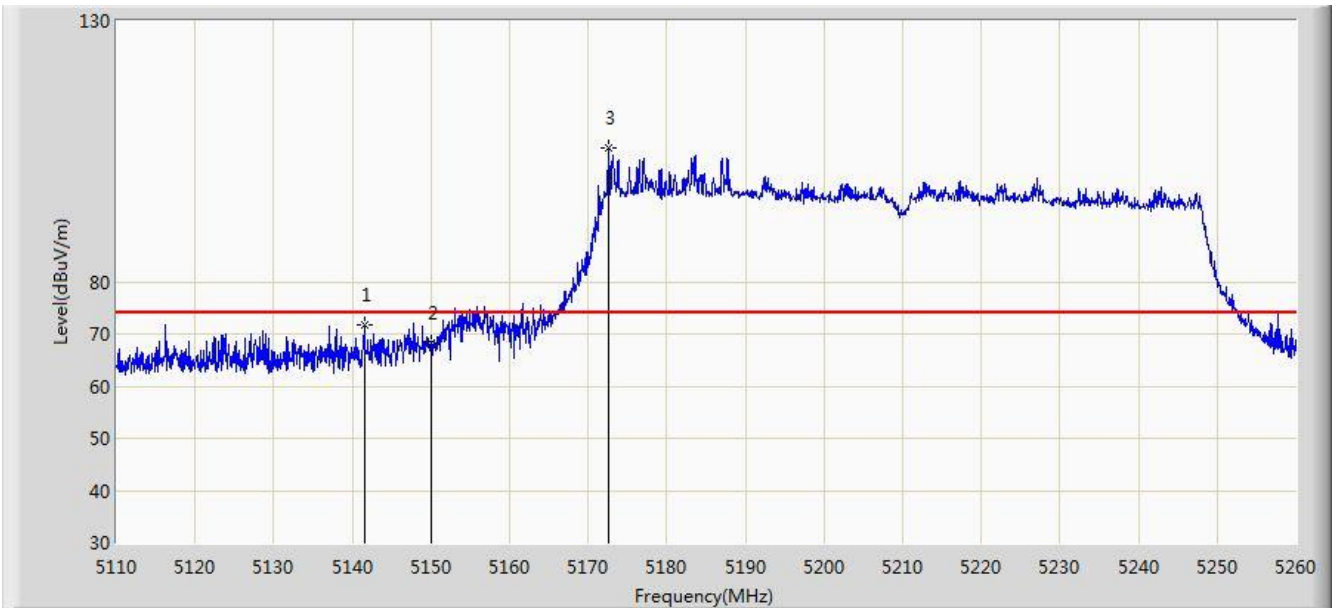


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.718	13.266	-3.282	54.000	37.452	AV
2		*	5173.825	81.749	44.361	N/A	N/A	37.387	AV

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

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

Site: AC1	Time: 2017/05/17 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

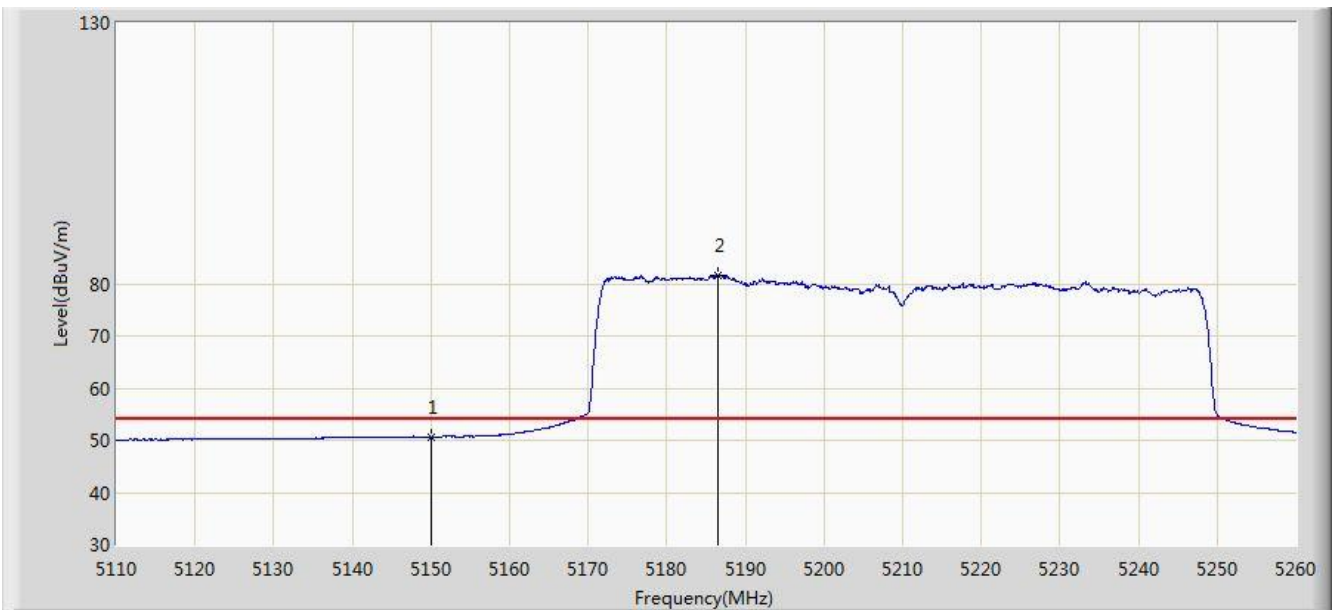


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.500	71.623	34.158	-2.377	74.000	37.465	PK
2			5150.000	68.211	30.759	-5.789	74.000	37.452	PK
3		*	5172.550	105.530	68.139	N/A	N/A	37.391	PK

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

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

Site: AC1	Time: 2017/05/17 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1	

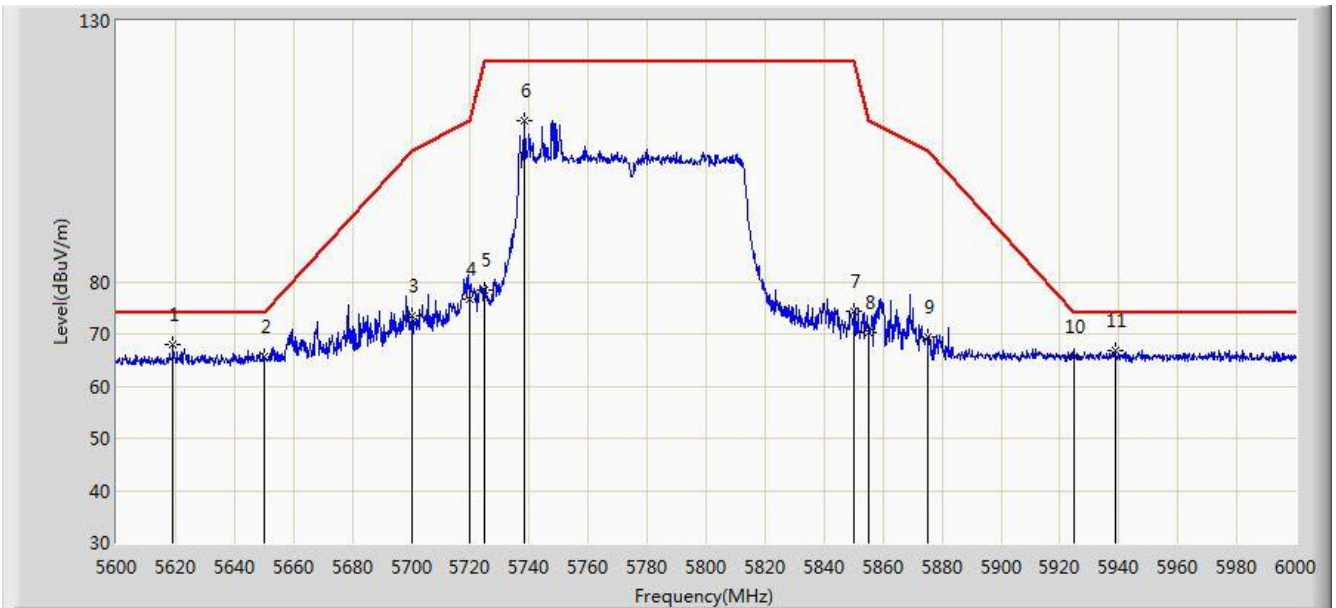


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.649	13.197	-3.351	54.000	37.452	AV
2		*	5186.575	81.725	44.368	N/A	N/A	37.357	AV

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

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

Site: AC1	Time: 2017/05/17 - 01:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1	

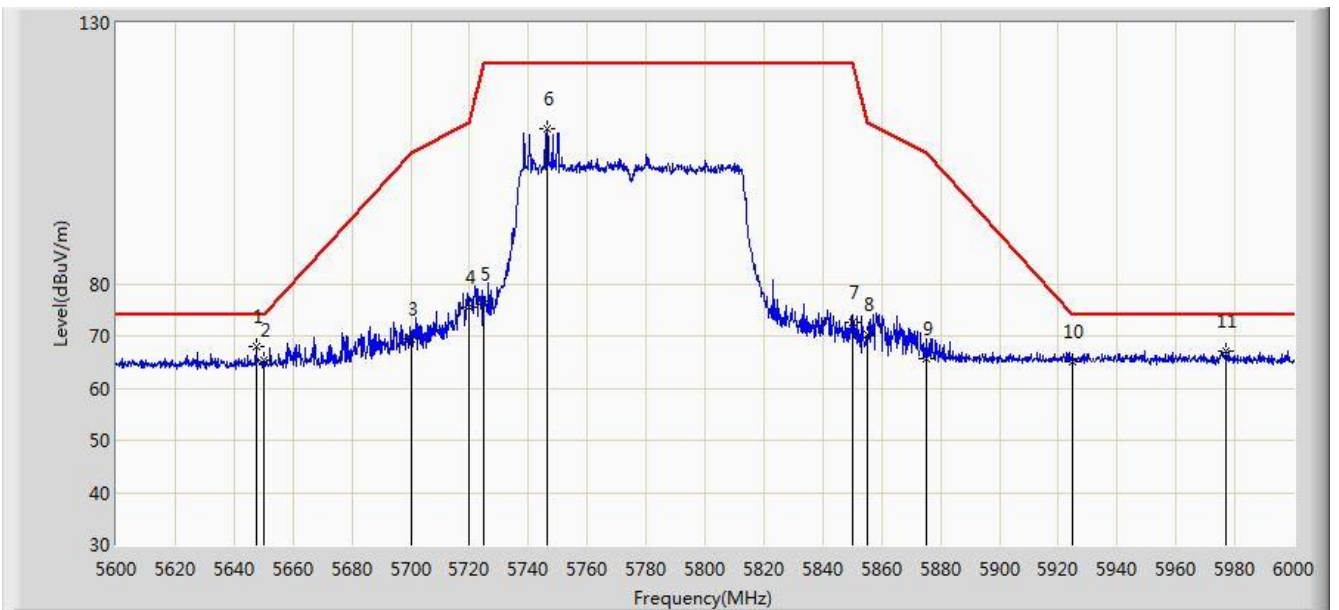


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5619.200	67.988	30.255	-6.012	74.000	37.733	PK
2			5650.000	65.588	27.801	-8.412	74.000	37.787	PK
3			5700.000	73.413	35.521	-31.787	105.200	37.892	PK
4			5720.000	76.614	38.645	-34.186	110.800	37.970	PK
5			5725.000	78.267	40.277	-43.933	122.200	37.990	PK
6			5738.200	110.957	72.913	N/A	N/A	38.045	PK
7			5850.000	74.406	35.953	-47.794	122.200	38.454	PK
8			5855.000	70.254	31.789	-40.546	110.800	38.465	PK
9			5875.000	69.430	30.933	-35.770	105.200	38.497	PK
10			5925.000	65.760	27.227	-8.240	74.000	38.533	PK
11			5938.800	66.941	28.423	-7.059	74.000	38.518	PK

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

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

Site: AC1	Time: 2017/05/17 - 01:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.400	67.960	30.173	-6.040	74.000	37.787	PK
2			5650.000	65.397	27.610	-8.603	74.000	37.787	PK
3			5700.000	69.553	31.661	-35.647	105.200	37.892	PK
4			5720.000	75.468	37.499	-35.332	110.800	37.970	PK
5			5725.000	76.222	38.232	-45.978	122.200	37.990	PK
6			5746.200	109.840	71.762	N/A	N/A	38.077	PK
7			5850.000	72.533	34.080	-49.667	122.200	38.454	PK
8			5855.000	70.315	31.850	-40.485	110.800	38.465	PK
9			5875.000	65.576	27.079	-39.624	105.200	38.497	PK
10			5925.000	65.063	26.530	-8.937	74.000	38.533	PK
11			5977.000	67.051	28.502	-6.949	74.000	38.549	PK

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

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

7.9. AC Conducted Emissions Measurement

7.9.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

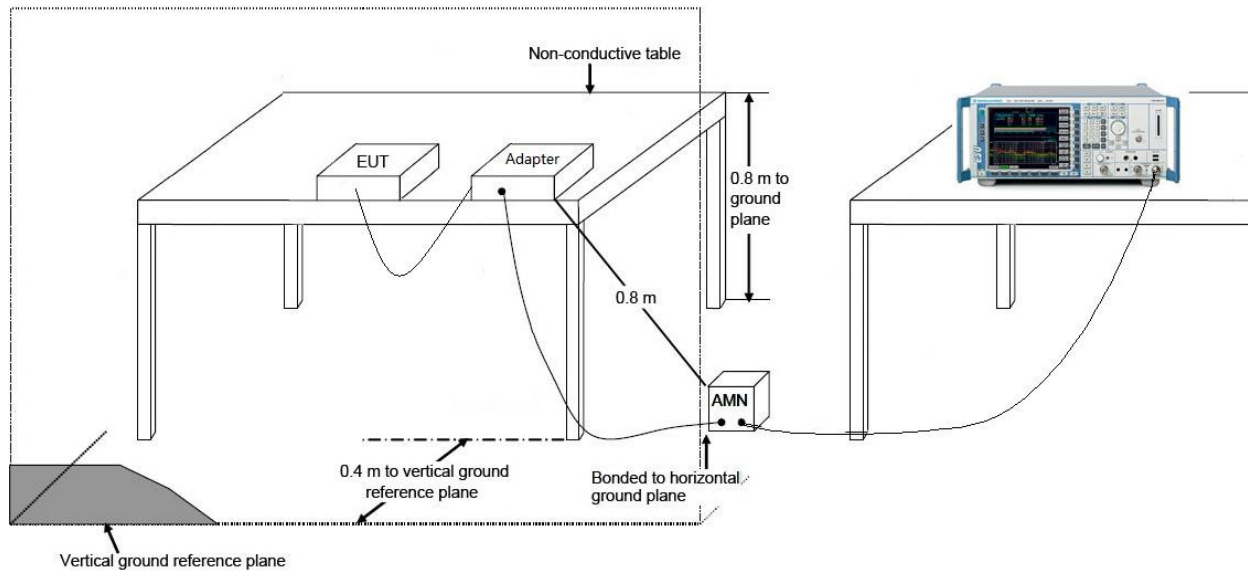
7.9.2. Test Procedure

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.

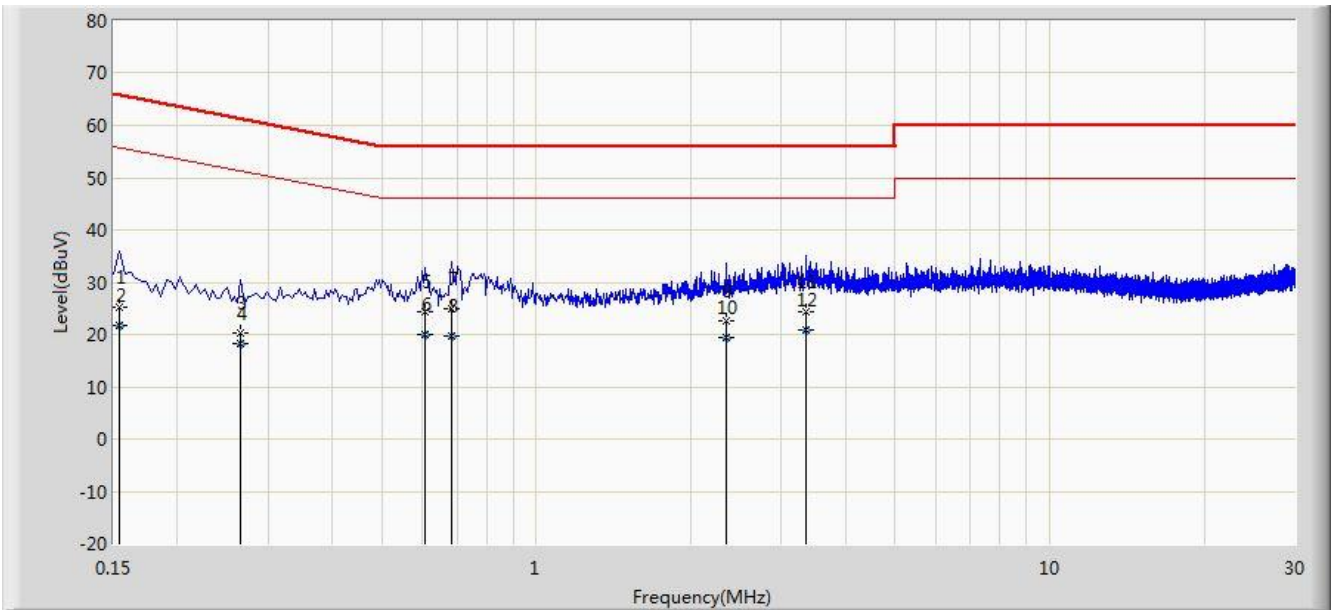
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.9.3. Test Setup



7.9.4. Test Result

Site: SR2	Time: 2017/04/15 - 12:39
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Mode 1	

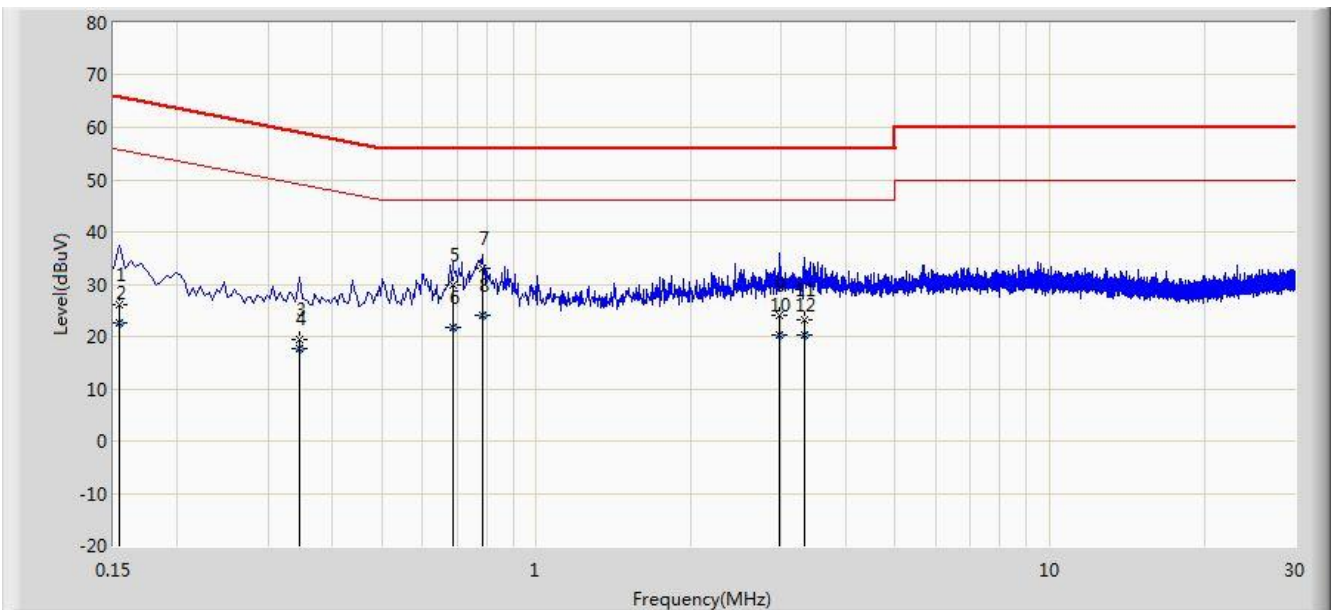


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	25.202	14.462	-40.579	65.781	10.740	QP
2			0.154	21.817	11.077	-33.965	55.781	10.740	AV
3			0.266	20.233	10.256	-41.009	61.242	9.977	QP
4			0.266	18.353	8.377	-32.888	51.242	9.977	AV
5			0.606	24.422	14.310	-31.578	56.000	10.112	QP
6			0.606	20.096	9.984	-25.904	46.000	10.112	AV
7			0.682	24.923	14.850	-31.077	56.000	10.072	QP
8			0.682	19.780	9.708	-26.220	46.000	10.072	AV
9			2.338	22.566	12.704	-33.434	56.000	9.862	QP
10			2.338	19.526	9.664	-26.474	46.000	9.862	AV
11			3.358	24.379	14.482	-31.621	56.000	9.897	QP
12		*	3.358	20.750	10.854	-25.250	46.000	9.897	AV

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

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

Site: SR2	Time: 2017/04/15 - 12:53
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wi-Fi Extender	Power: AC 120V/60Hz
Test Mode: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	26.065	15.349	-39.716	65.781	10.716	QP
2			0.154	22.596	11.880	-33.186	55.781	10.716	AV
3			0.346	19.446	9.375	-39.611	59.058	10.071	QP
4			0.346	17.810	7.739	-31.247	49.058	10.071	AV
5			0.686	29.967	19.885	-26.033	56.000	10.083	QP
6			0.686	21.699	11.616	-24.301	46.000	10.083	AV
7			0.786	33.135	23.108	-22.865	56.000	10.027	QP
8		*	0.786	23.972	13.945	-22.028	46.000	10.027	AV
9			2.978	23.942	14.077	-32.058	56.000	9.865	QP
10			2.978	20.312	10.447	-25.688	46.000	9.865	AV
11			3.338	23.199	13.298	-32.801	56.000	9.901	QP
12			3.338	20.422	10.521	-25.578	46.000	9.901	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 **Wi-Fi Extender** is in compliance with Part 15E of the FCC Rules.

The End
