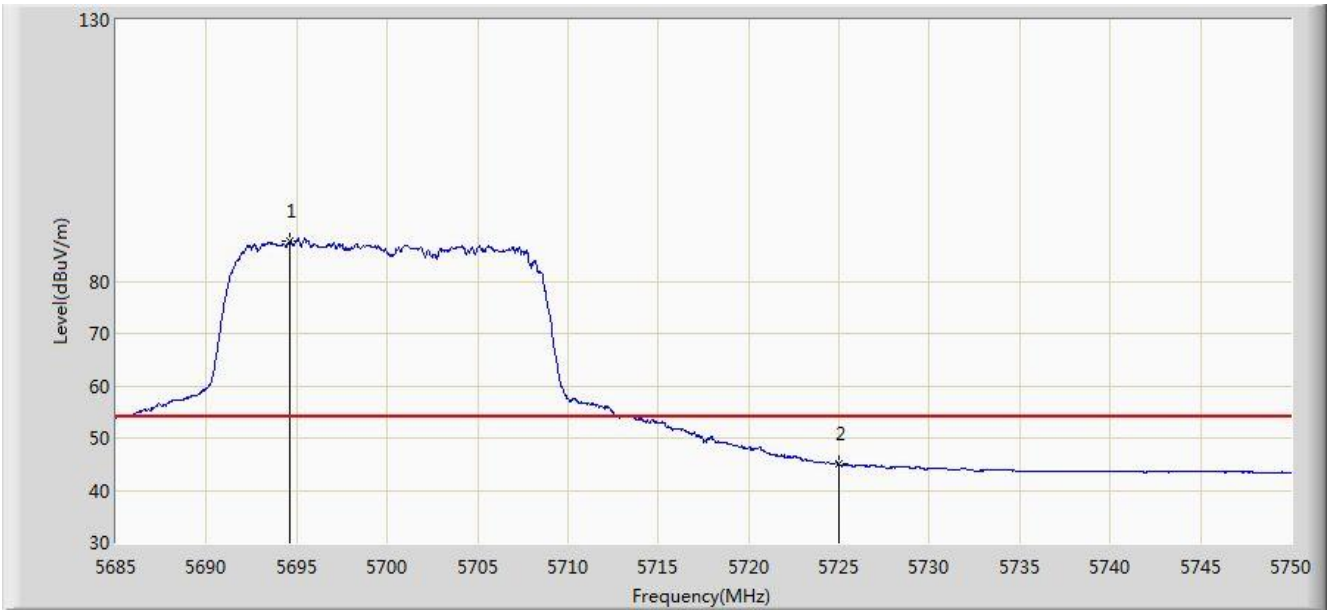
Site: AC2	Time: 2016/05/25 - 20:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

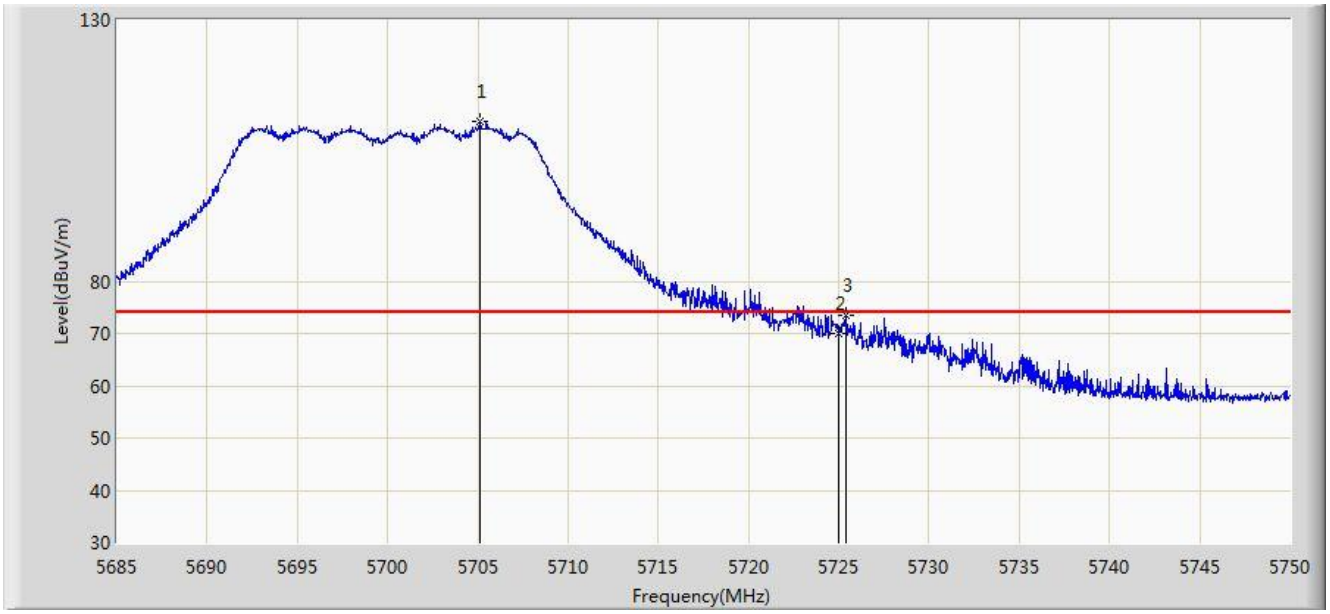


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.620	87.732	83.737	N/A	N/A	3.995	AV
2			5725.000	44.937	40.831	-9.063	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/05/25 - 20:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

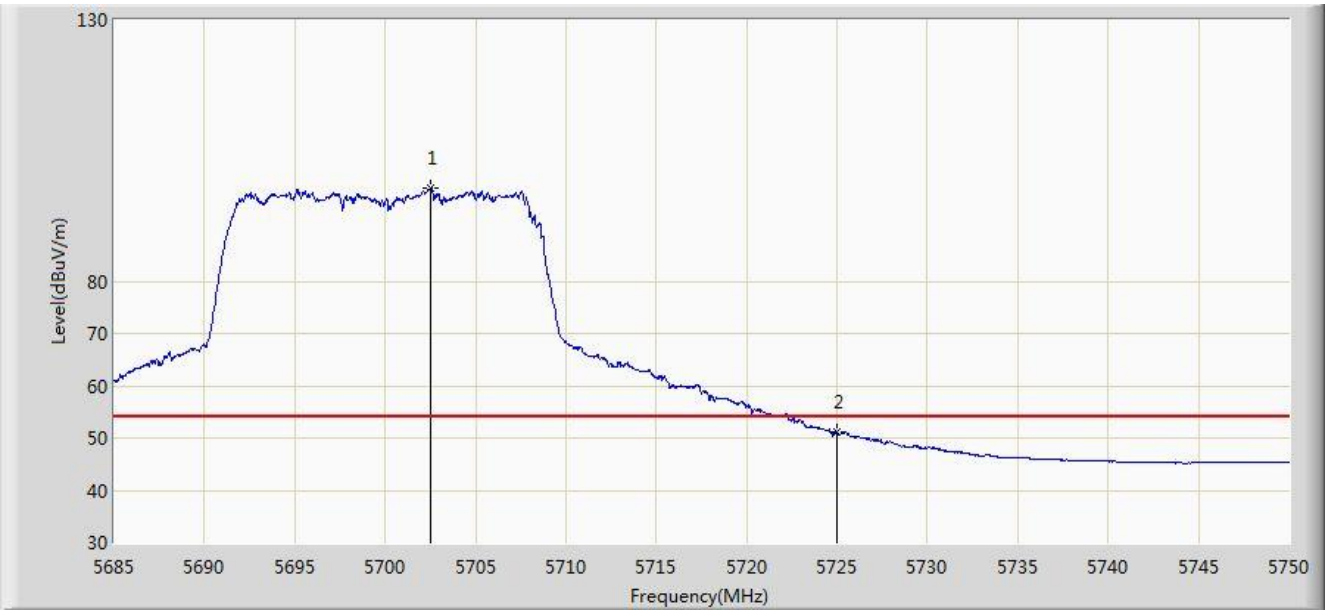


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.085	110.522	106.633	N/A	N/A	3.888	PK
2			5725.000	69.891	65.785	-4.109	74.000	4.105	PK
3			5725.430	73.546	69.430	-0.454	74.000	4.117	PK

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

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

Site: AC2	Time: 2016/05/25 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

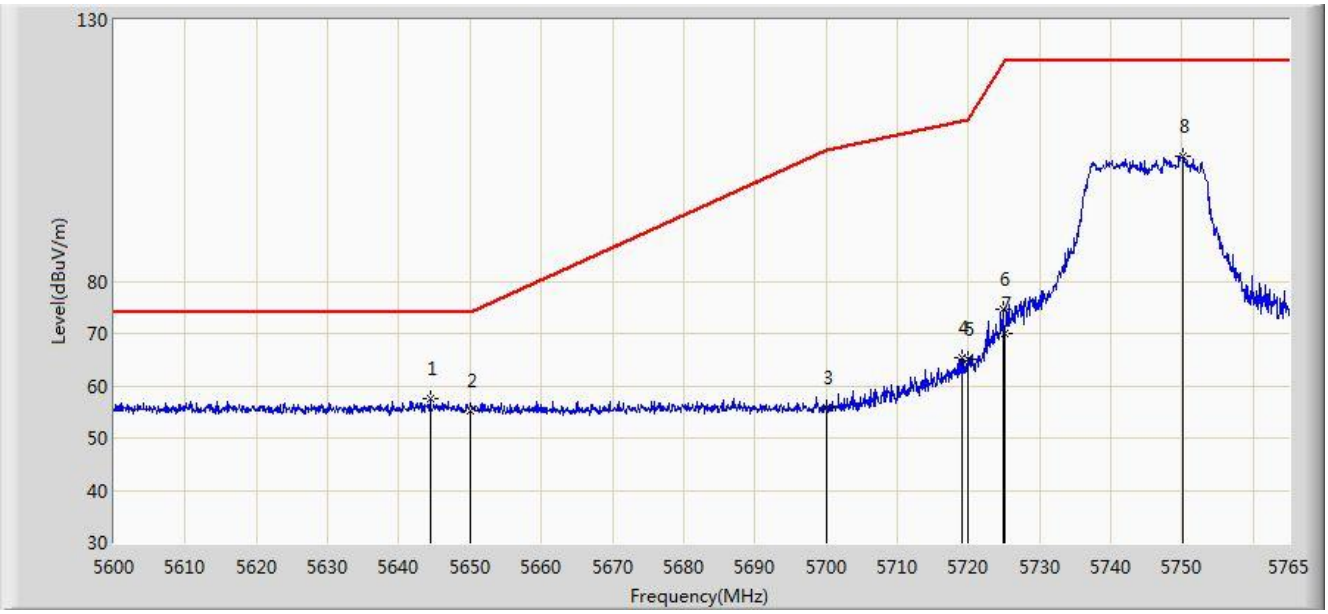


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.550	97.865	93.953	N/A	N/A	3.912	AV
2			5725.000	51.070	46.964	-2.930	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

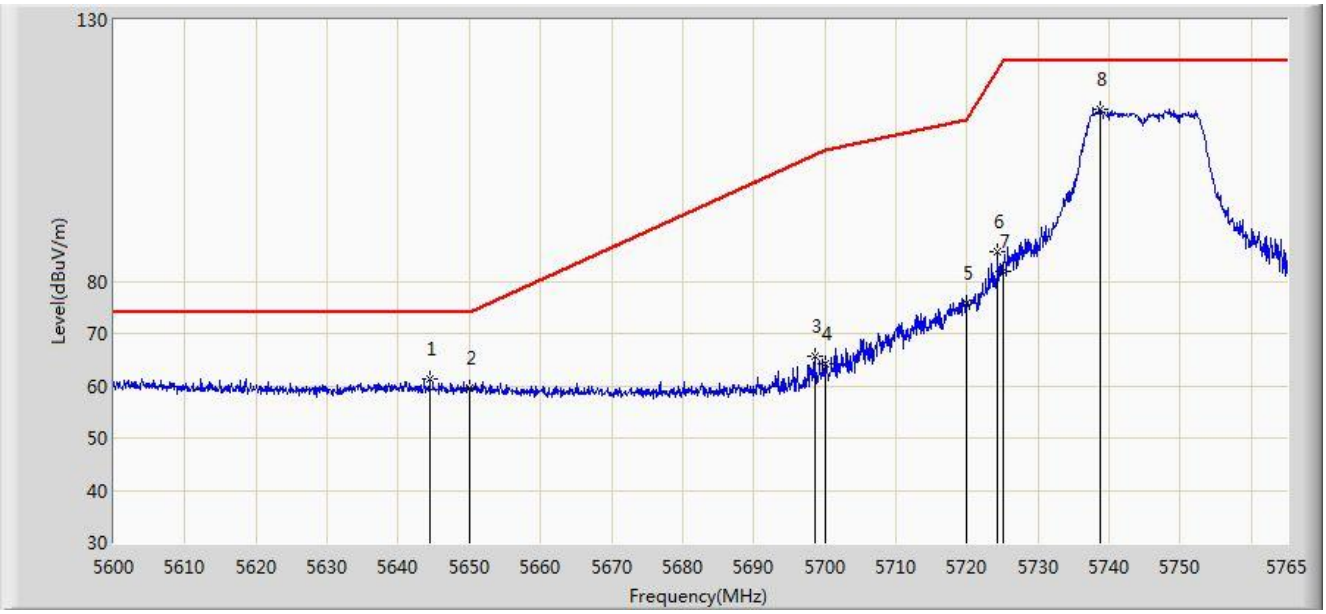


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.385	57.458	53.551	-16.542	74.000	3.907	PK
2			5650.000	55.281	51.478	-18.719	74.000	3.803	PK
3			5700.000	55.825	51.885	-49.375	105.200	3.940	PK
4			5719.047	65.364	61.405	-45.170	110.534	3.959	PK
5			5720.000	65.145	61.163	-45.655	110.800	3.982	PK
6			5724.822	74.550	70.449	-47.244	121.794	4.101	PK
7			5725.000	70.081	65.975	-52.119	122.200	4.105	PK
8			5750.067	103.871	99.604	-18.329	122.200	4.268	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: AC2	Time: 2016/05/25 - 21:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

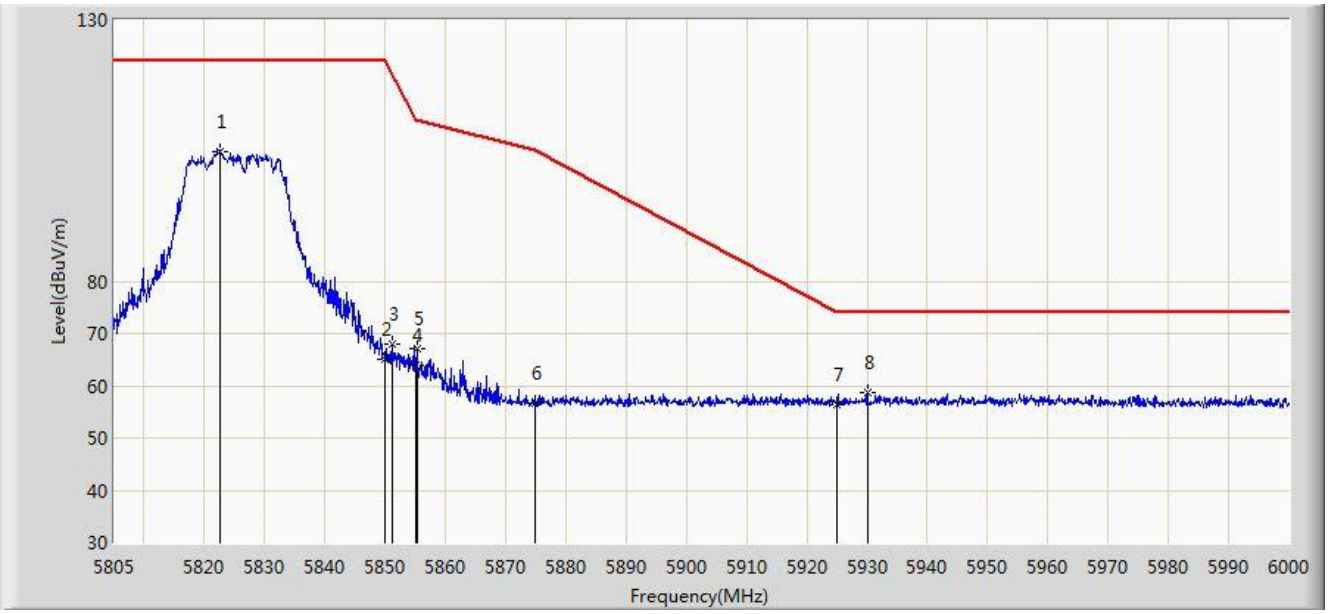


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.467	61.221	57.313	-12.779	74.000	3.909	PK
2			5650.000	59.575	55.772	-14.425	74.000	3.803	PK
3			5698.587	65.590	61.635	-38.732	104.322	3.954	PK
4			5700.000	64.311	60.371	-40.889	105.200	3.940	PK
5			5720.000	75.754	71.772	-35.046	110.800	3.982	PK
6			5724.328	85.591	81.502	-35.077	120.668	4.089	PK
7			5725.000	81.772	77.666	-40.428	122.200	4.105	PK
8		*	5738.765	112.985	108.704	-9.215	122.200	4.282	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: AC2	Time: 2016/05/25 - 21:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

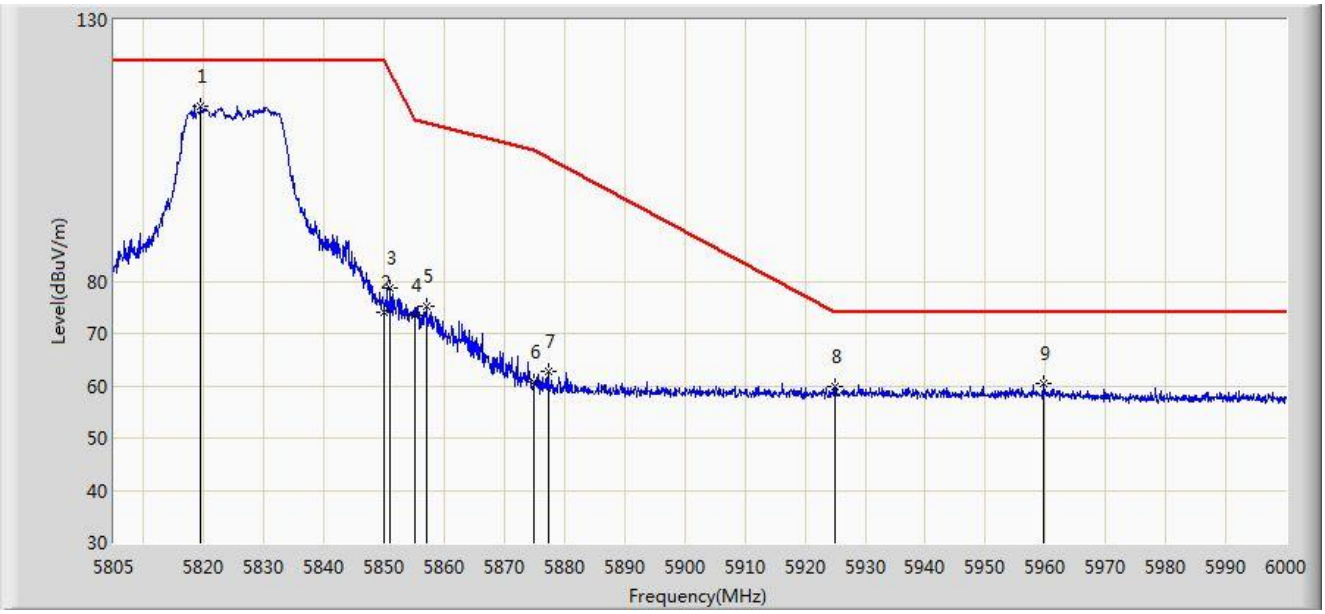


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.550	104.848	100.147	-17.352	122.200	4.702	PK
2			5850.000	65.151	60.156	-57.049	122.200	4.995	PK
3			5851.215	67.886	62.893	-51.543	119.429	4.994	PK
4			5855.000	64.011	59.023	-46.789	110.800	4.987	PK
5			5855.310	67.164	62.177	-43.549	110.713	4.987	PK
6			5875.000	56.680	51.673	-48.520	105.200	5.008	PK
7			5925.000	56.425	51.273	-17.575	74.000	5.152	PK
8		*	5929.995	58.739	53.543	-15.261	74.000	5.197	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: AC2	Time: 2016/05/25 - 21:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

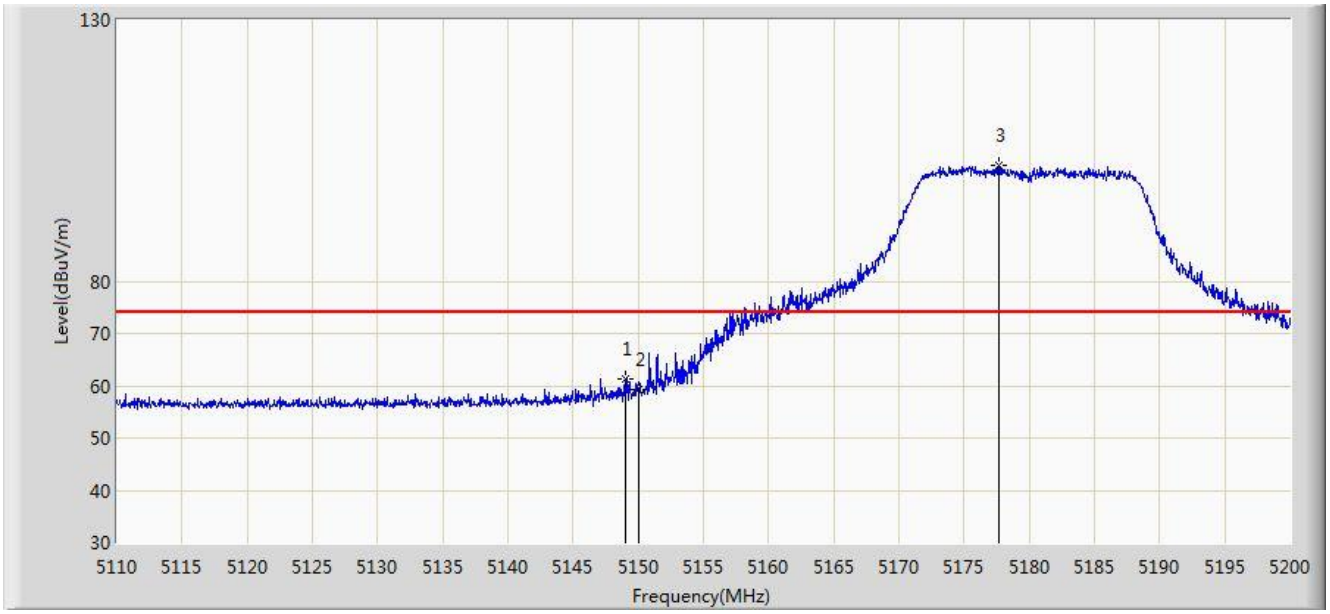


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.430	113.607	108.944	-8.593	122.200	4.662	PK
2			5850.000	74.007	69.012	-48.193	122.200	4.995	PK
3			5851.020	78.832	73.838	-41.042	119.874	4.993	PK
4			5855.000	73.551	68.563	-37.249	110.800	4.987	PK
5			5857.065	75.181	70.197	-35.040	110.221	4.984	PK
6			5875.000	60.690	55.683	-44.510	105.200	5.008	PK
7			5877.248	62.828	57.796	-40.963	103.792	5.032	PK
8			5925.000	59.746	54.594	-14.254	74.000	5.152	PK
9			5959.732	60.495	55.125	-13.505	74.000	5.370	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: AC2	Time: 2016/05/25 - 21:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

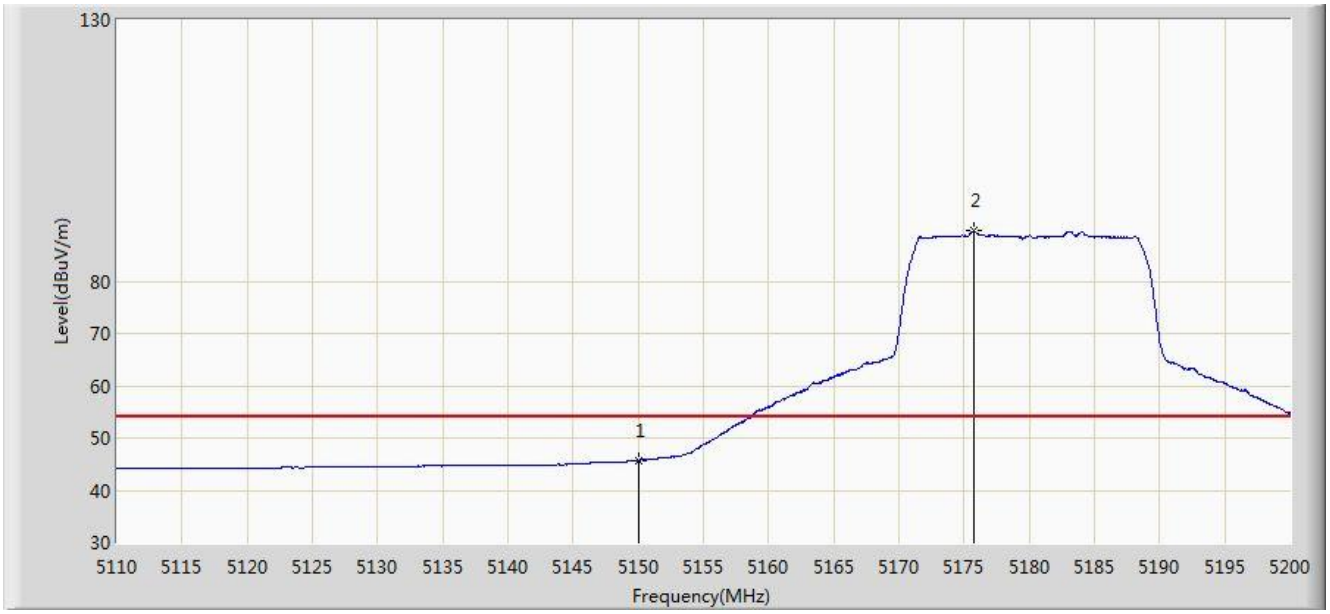


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	61.326	58.254	-12.674	74.000	3.072	PK
2			5150.000	59.271	56.201	-14.729	74.000	3.069	PK
3		*	5177.635	102.193	99.159	N/A	N/A	3.033	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

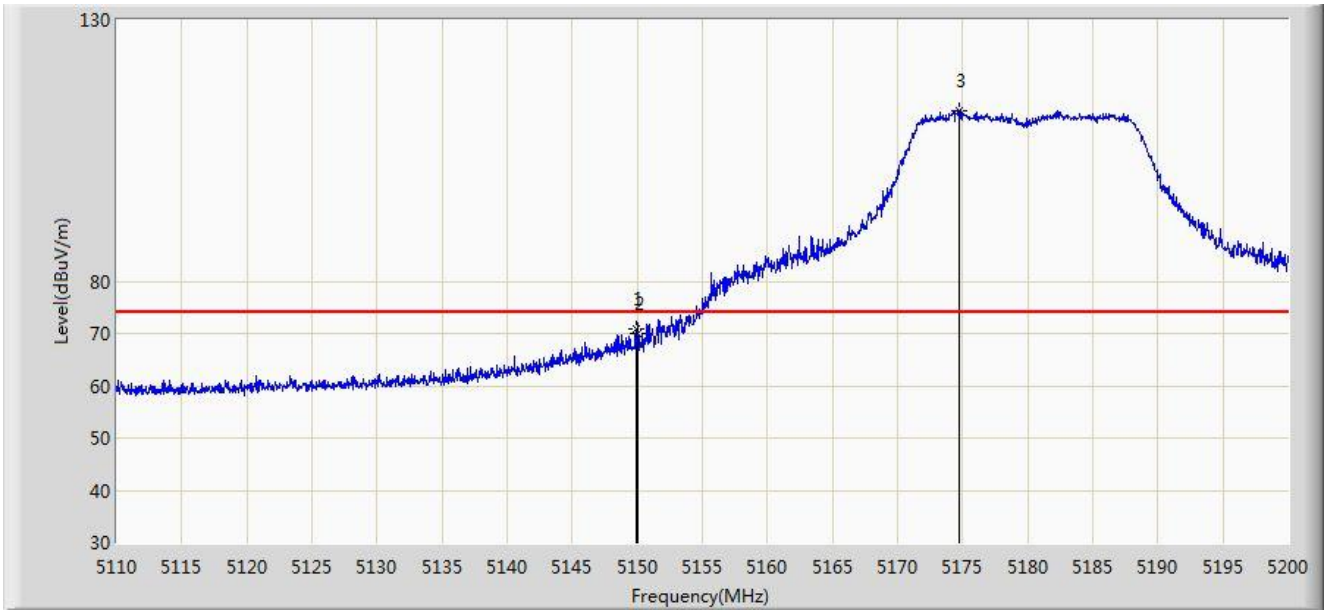


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.737	42.667	-8.263	54.000	3.069	AV
2		*	5175.745	89.632	86.606	N/A	N/A	3.027	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

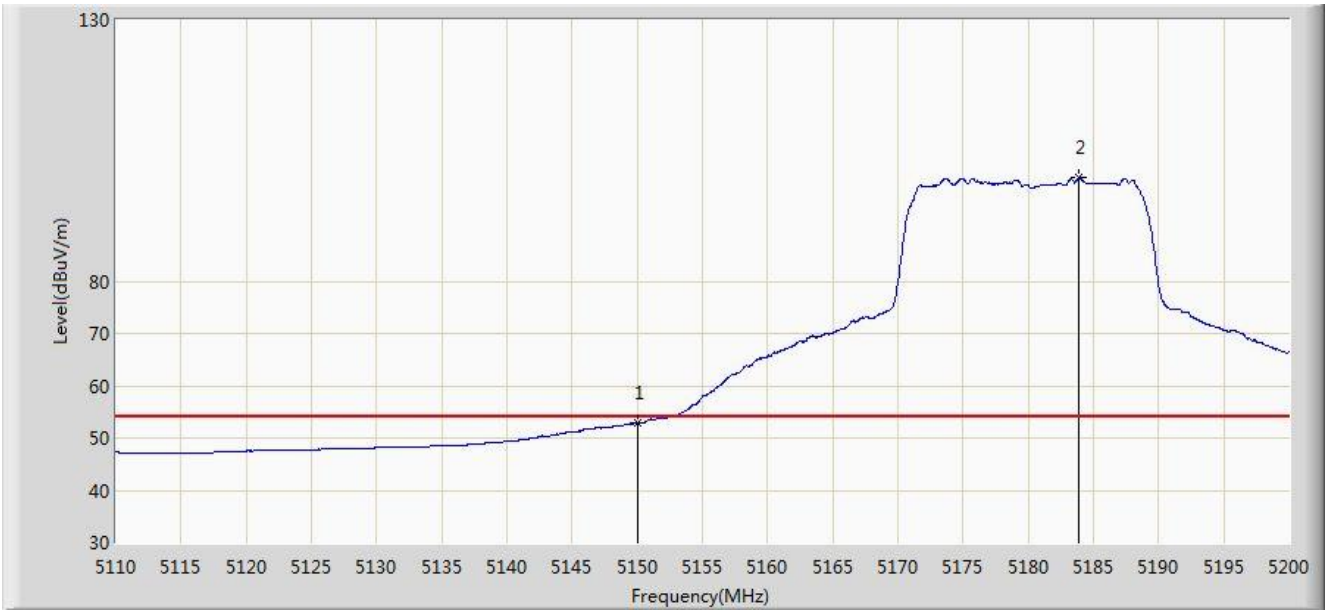


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	70.784	67.714	-3.216	74.000	3.070	PK
2			5150.000	69.861	66.791	-4.139	74.000	3.069	PK
3		*	5174.755	112.608	109.586	N/A	N/A	3.022	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

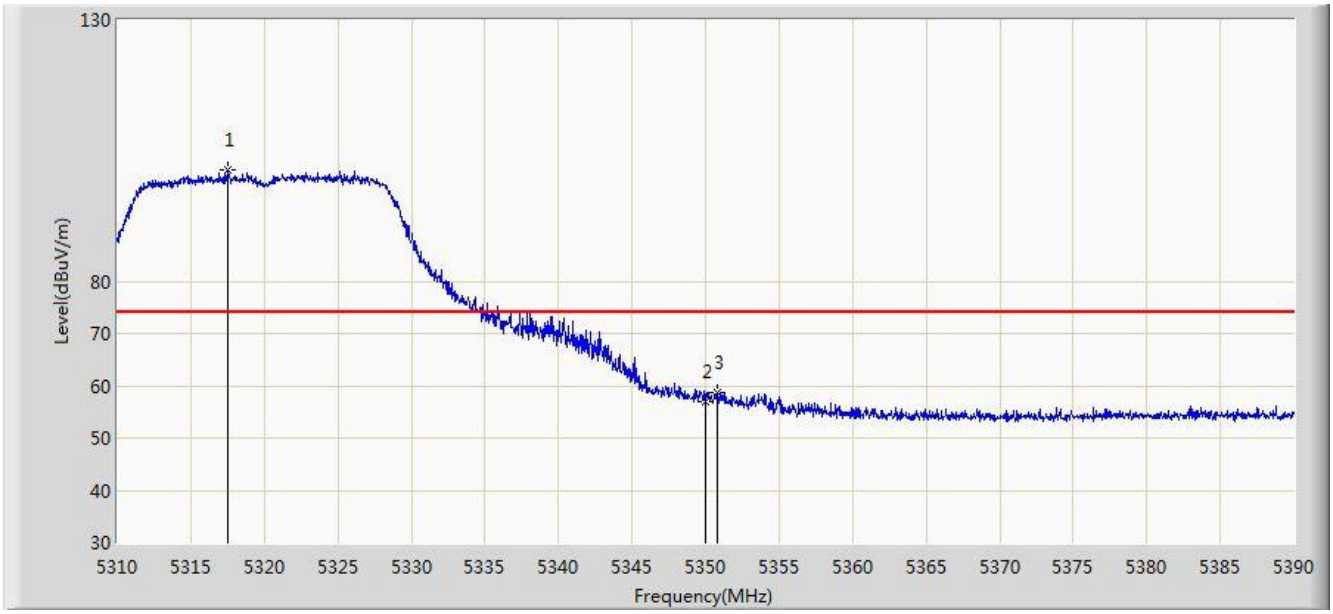


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.964	49.894	-1.036	54.000	3.069	AV
2		*	5183.890	99.730	96.703	N/A	N/A	3.028	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

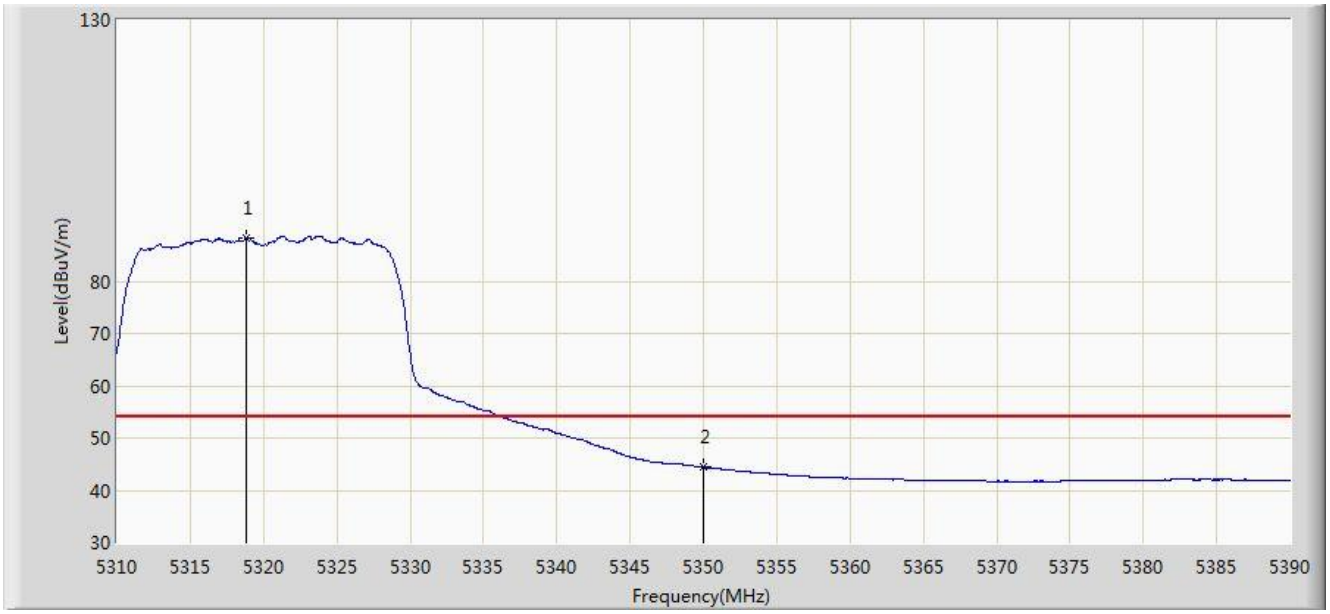


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.560	101.392	98.743	N/A	N/A	2.648	PK
2			5350.000	56.846	54.149	-17.154	74.000	2.697	PK
3			5350.840	58.812	56.112	-15.188	74.000	2.701	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

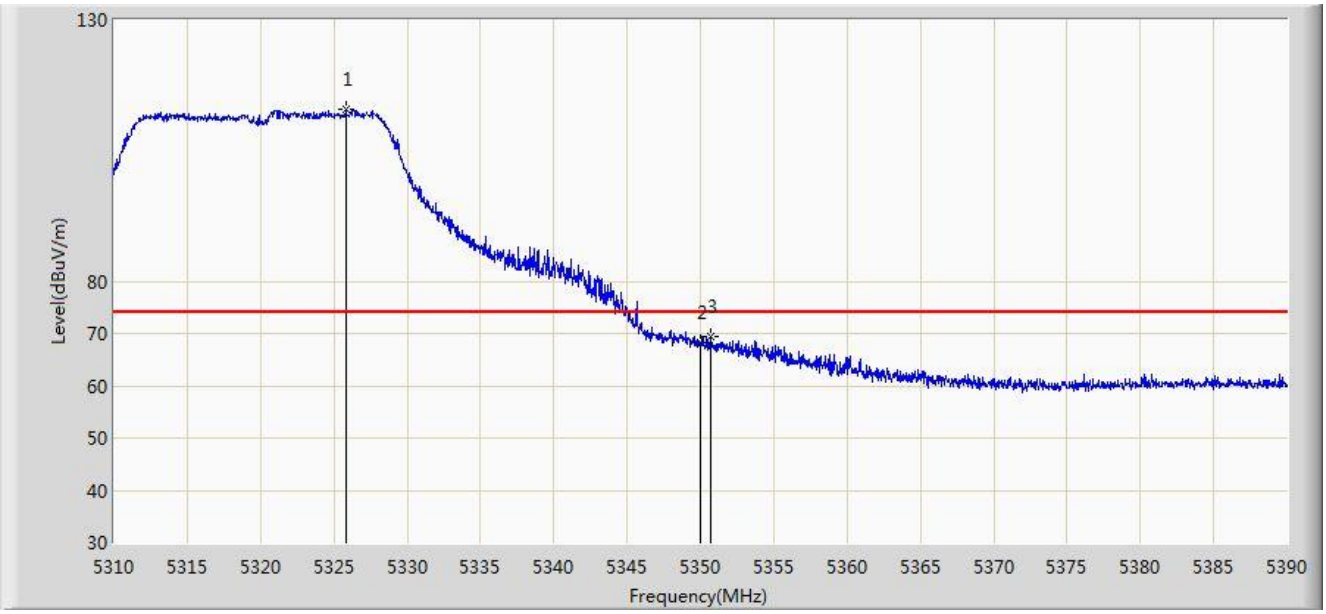


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.840	88.273	85.616	N/A	N/A	2.657	AV
2			5350.000	44.448	41.751	-9.552	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

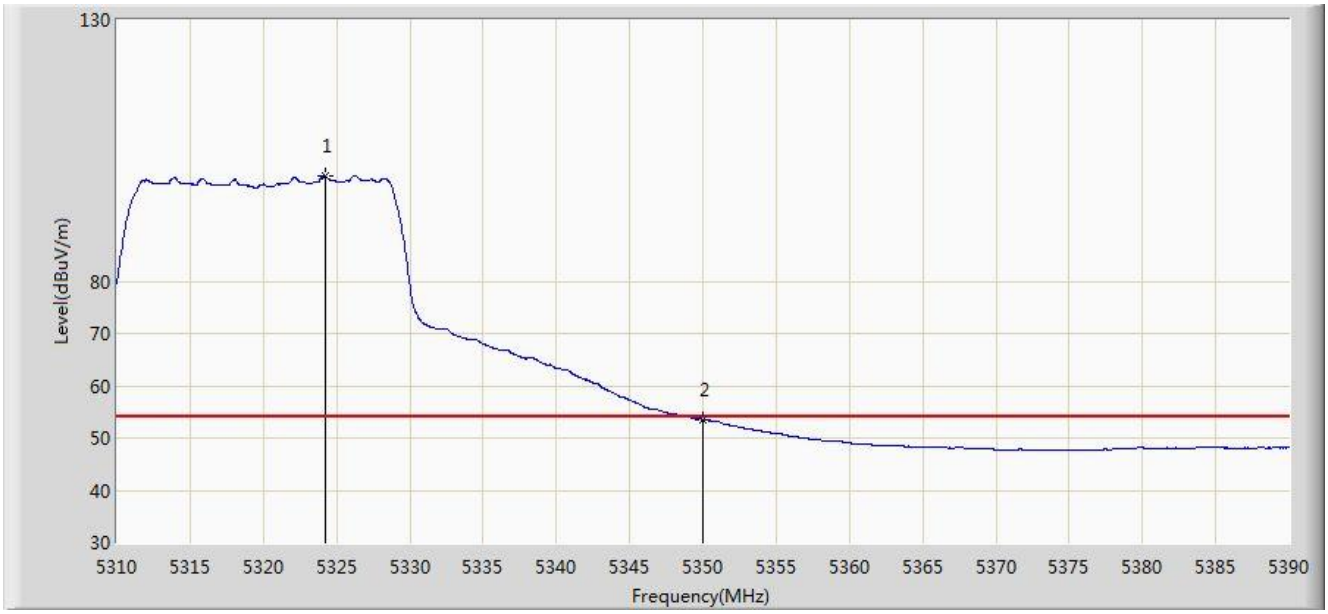


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.800	112.884	110.196	N/A	N/A	2.687	PK
2			5350.000	68.199	65.502	-5.801	74.000	2.697	PK
3			5350.680	69.351	66.651	-4.649	74.000	2.700	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

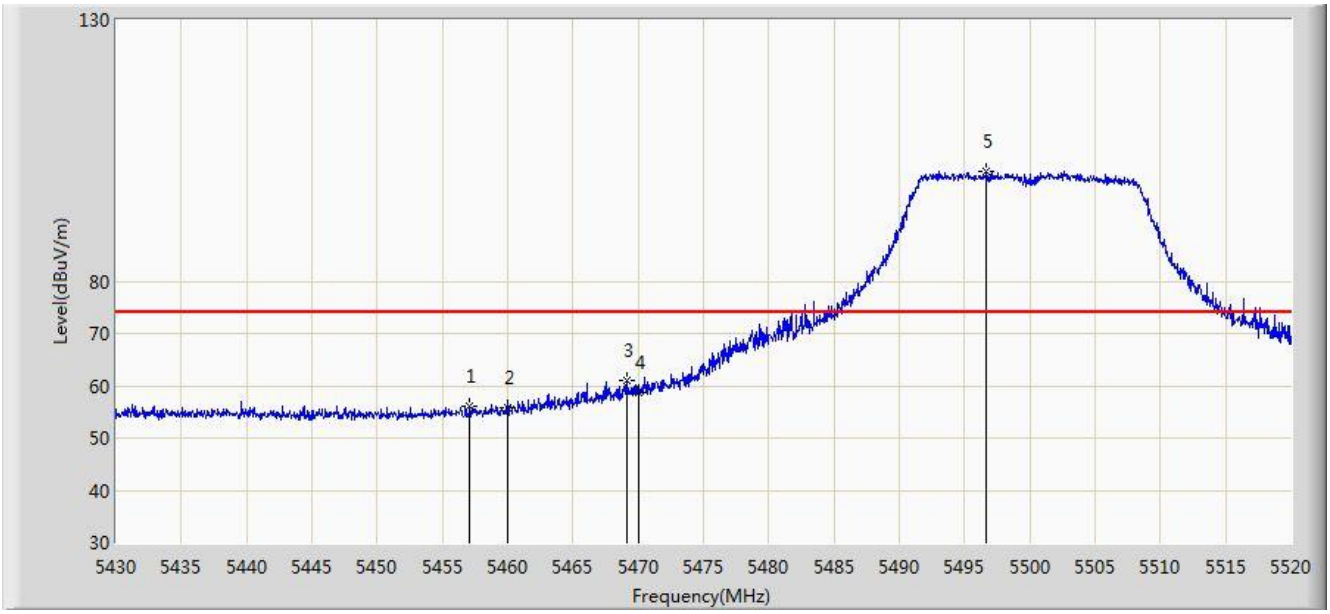


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.280	100.085	97.404	N/A	N/A	2.680	AV
2			5350.000	53.509	50.812	-0.491	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

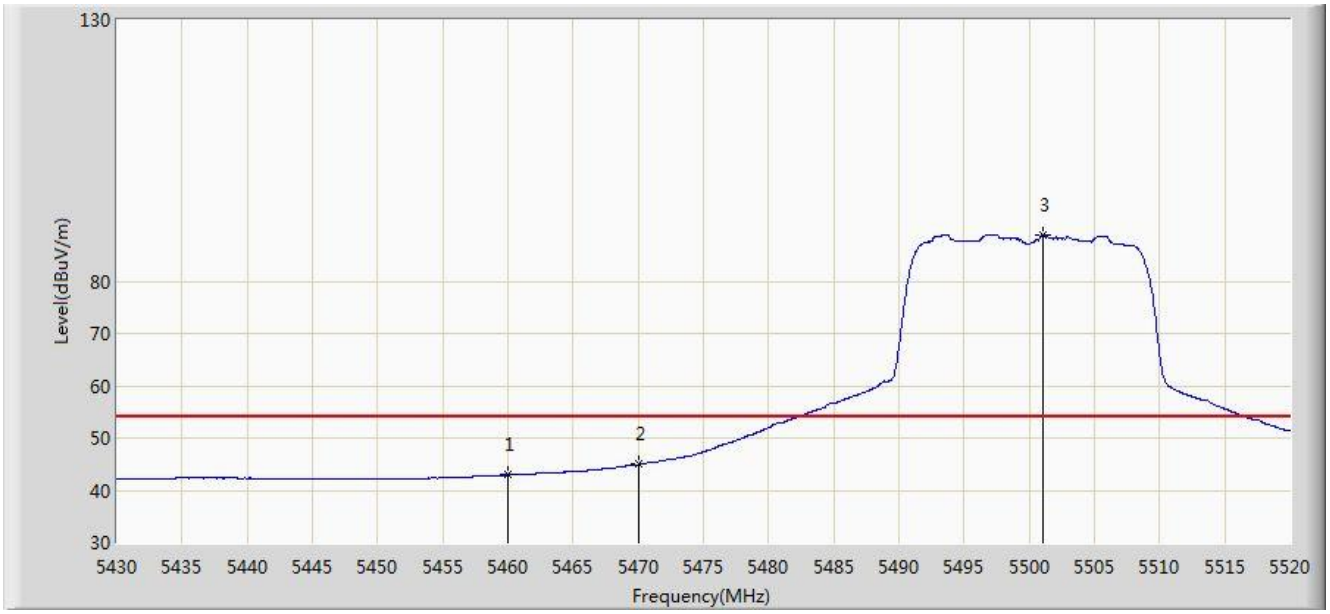


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.090	56.068	52.972	-17.932	74.000	3.095	PK
2			5460.000	55.908	52.715	-18.092	74.000	3.194	PK
3			5469.105	60.935	57.436	-13.065	74.000	3.498	PK
4			5470.000	58.783	55.254	-15.217	74.000	3.529	PK
5		*	5496.690	101.078	97.933	N/A	N/A	3.145	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: AC2	Time: 2016/05/25 - 21:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

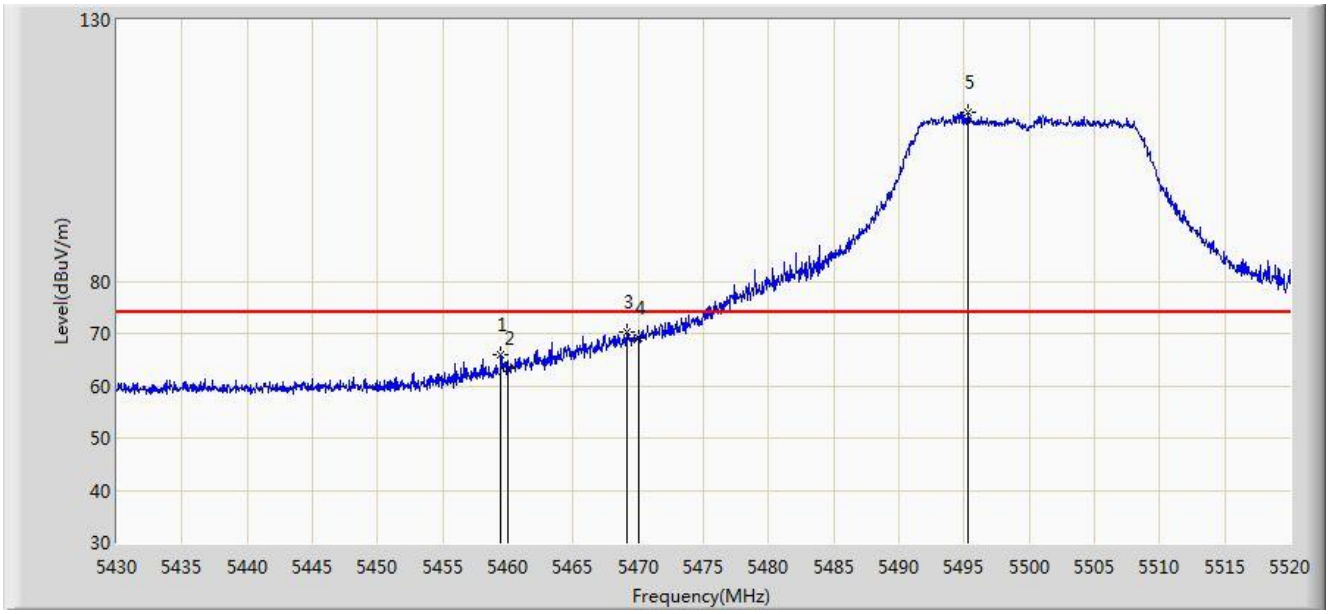


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	42.920	39.727	-11.080	54.000	3.194	AV
2			5470.000	44.954	41.425	-9.046	54.000	3.529	AV
3		*	5501.055	88.878	85.775	N/A	N/A	3.104	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

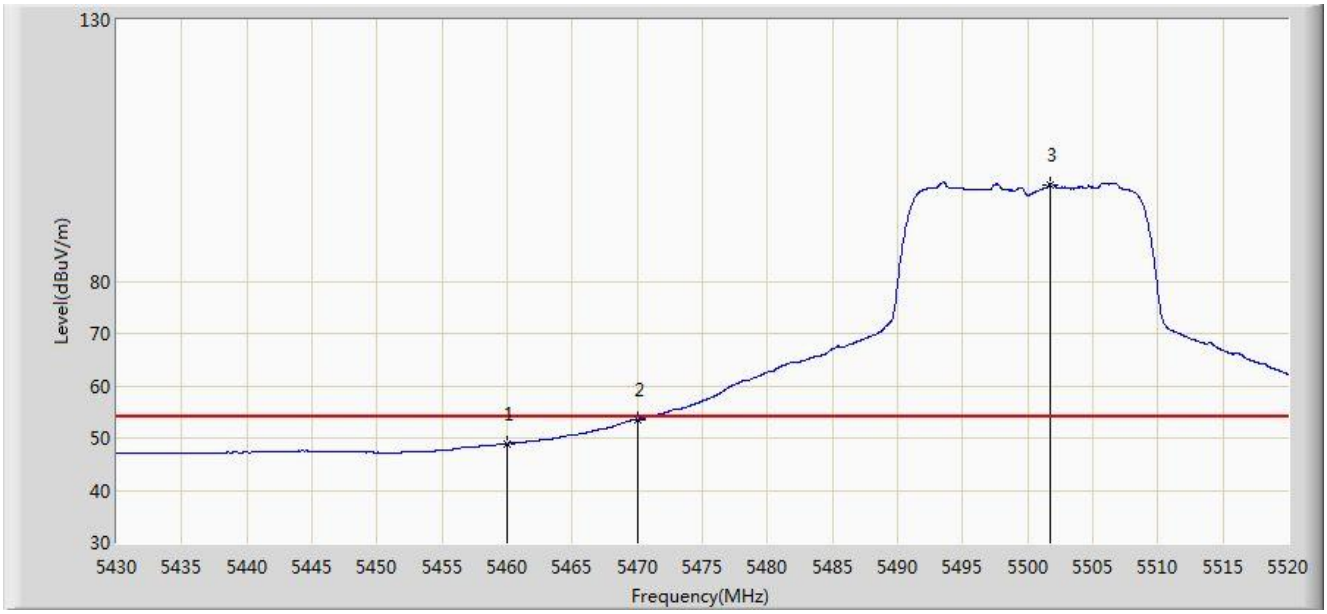


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.475	65.903	62.727	-8.097	74.000	3.175	PK
2			5460.000	63.450	60.257	-10.550	74.000	3.194	PK
3			5469.105	70.354	66.855	-3.646	74.000	3.498	PK
4			5470.000	69.166	65.637	-4.834	74.000	3.529	PK
5		*	5495.295	112.283	109.125	N/A	N/A	3.159	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: AC2	Time: 2016/05/25 - 21:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

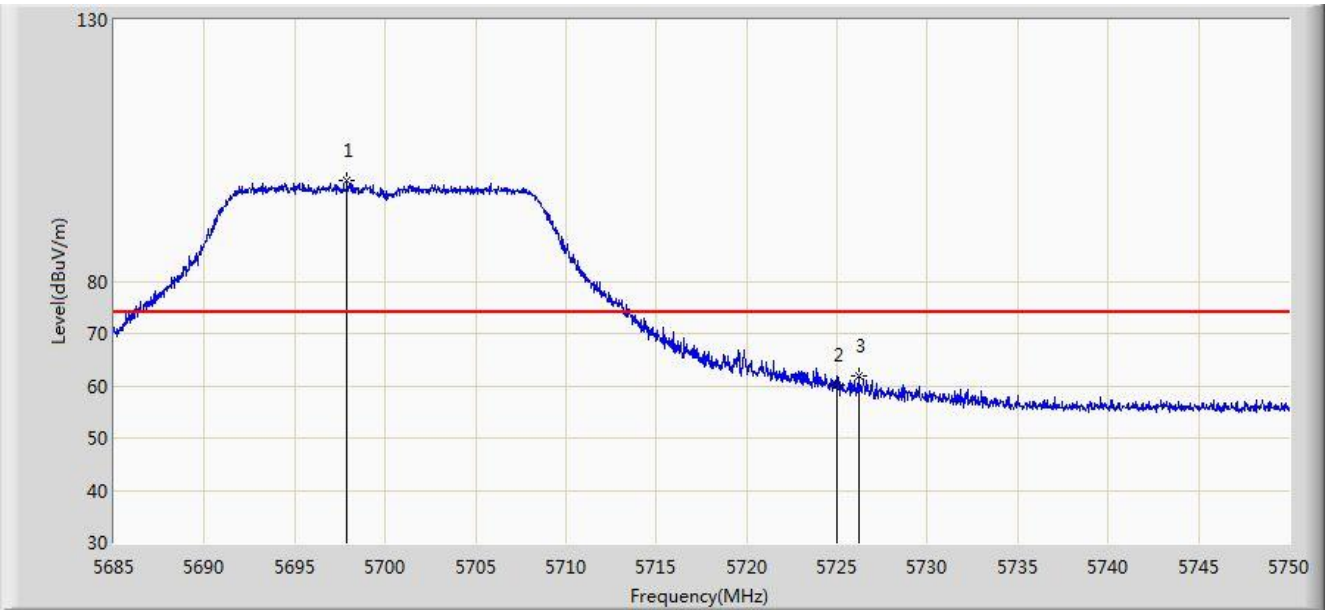


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.940	45.747	-5.060	54.000	3.194	AV
2			5470.000	53.510	49.981	-0.490	54.000	3.529	AV
3		*	5501.730	98.530	95.433	N/A	N/A	3.097	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

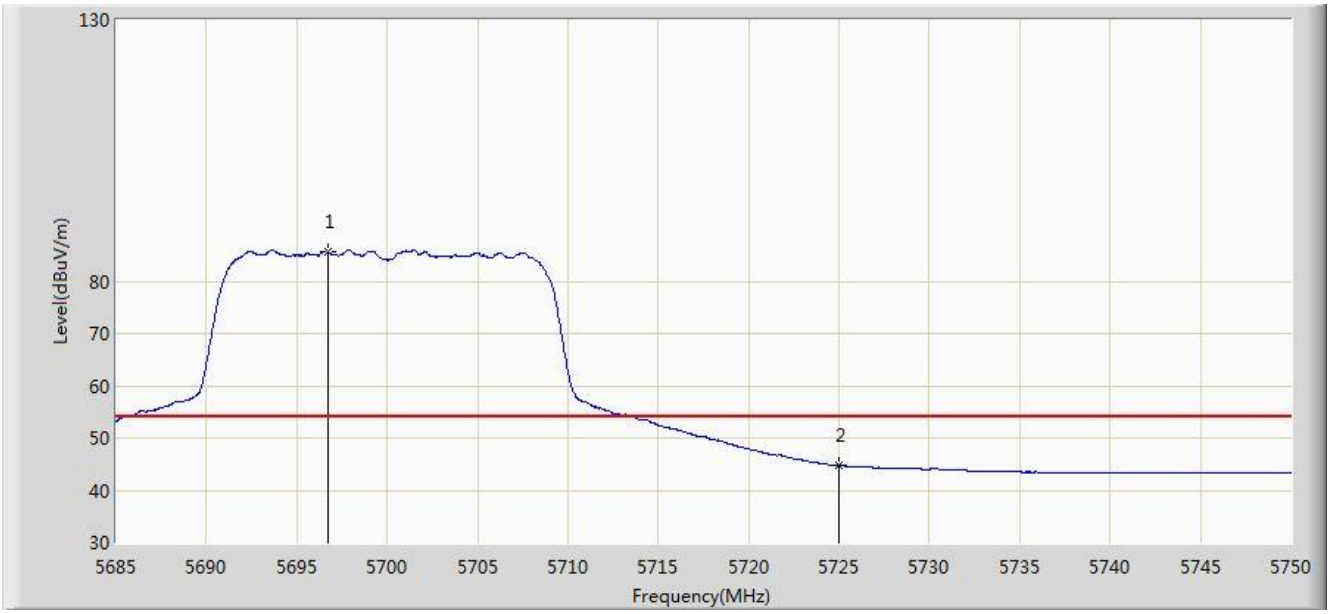


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.902	99.324	95.361	N/A	N/A	3.963	PK
2			5725.000	60.107	56.001	-13.893	74.000	4.105	PK
3			5726.178	61.835	57.700	-12.165	74.000	4.134	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

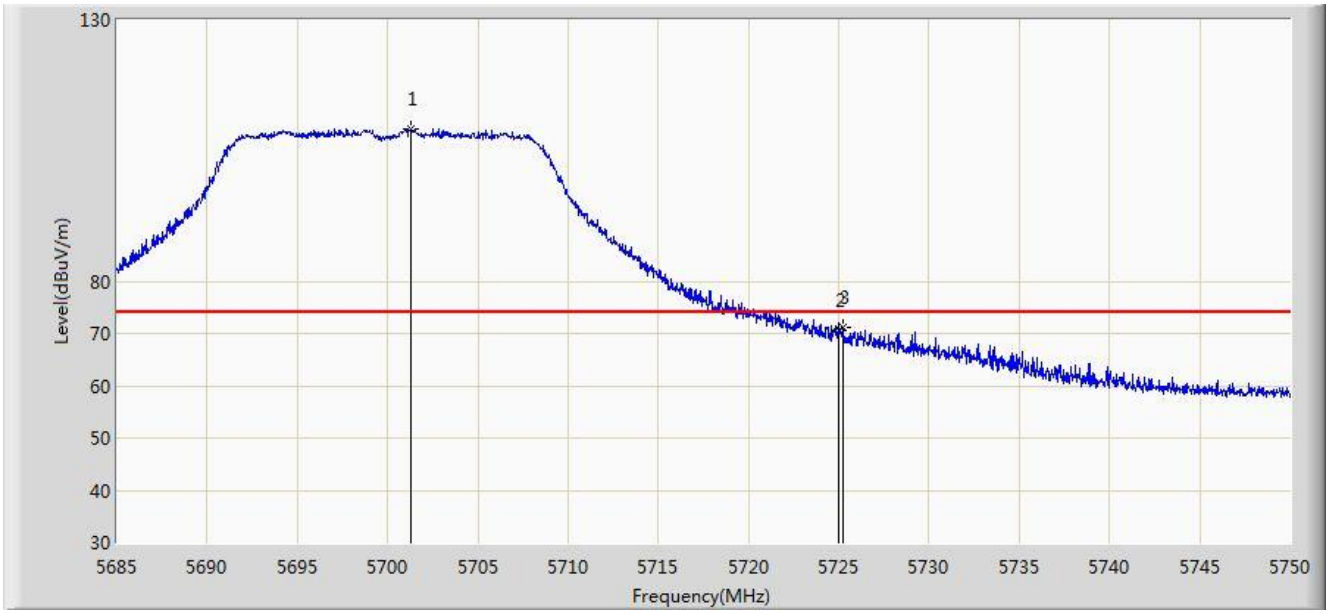


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.700	85.795	81.820	N/A	N/A	3.975	AV
2			5725.000	44.726	40.620	-9.274	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

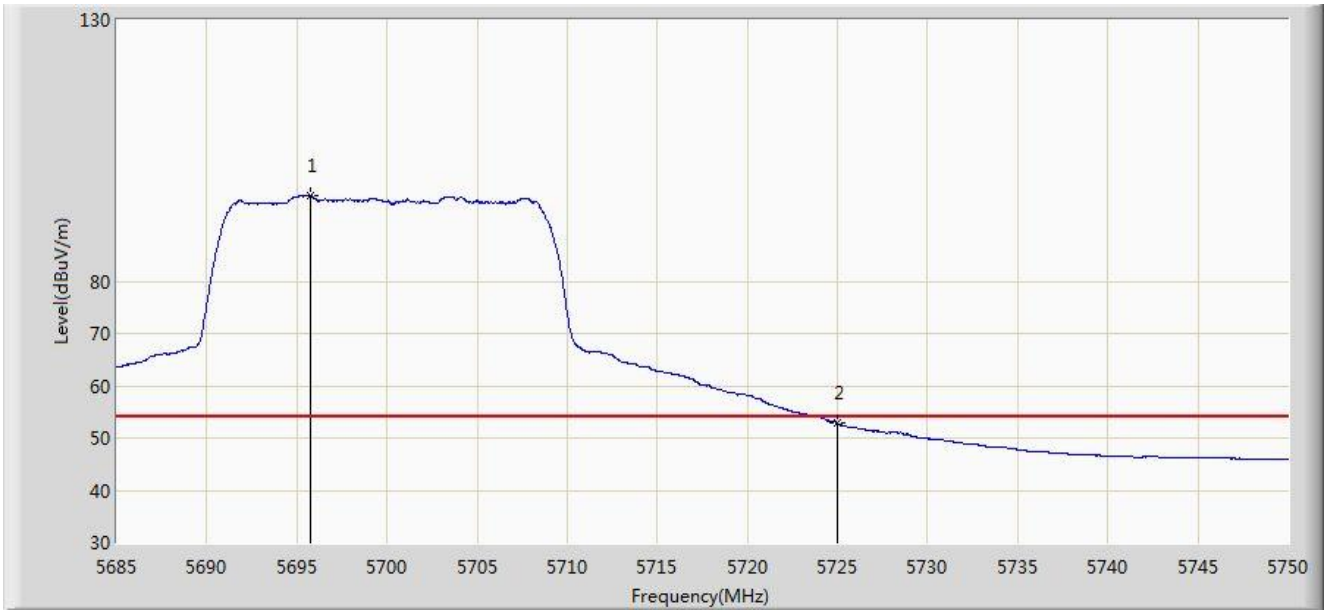


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.250	109.167	105.241	N/A	N/A	3.927	PK
2			5725.000	70.650	66.544	-3.350	74.000	4.105	PK
3			5725.235	71.034	66.923	-2.966	74.000	4.111	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

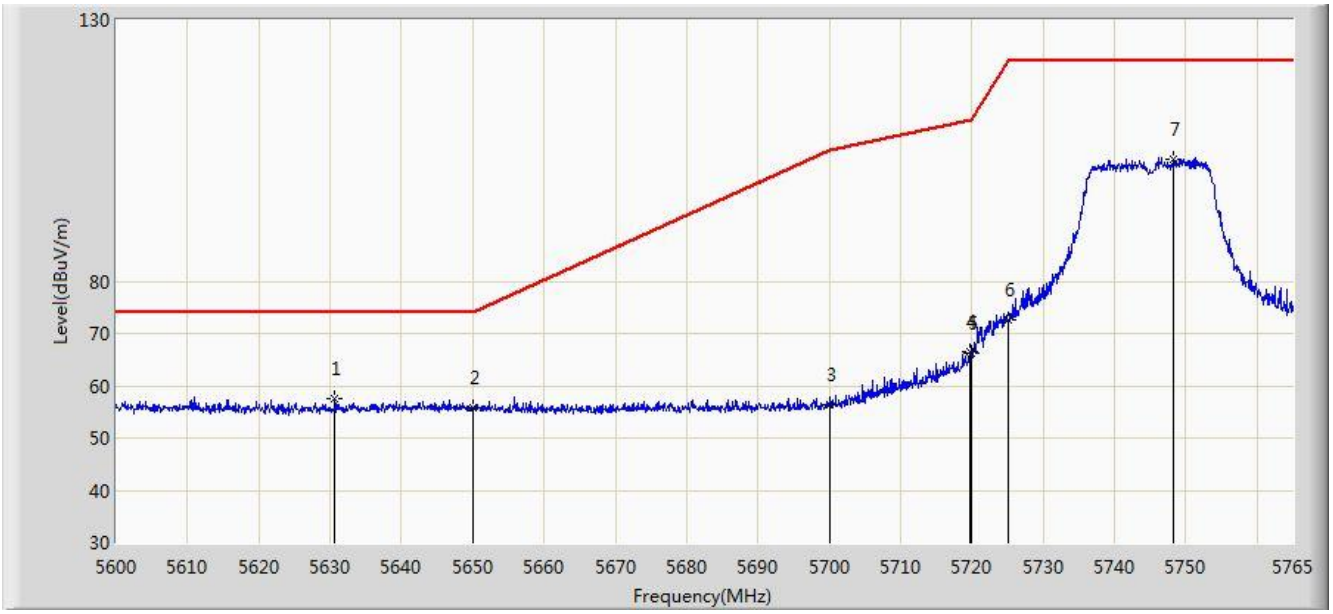


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.790	96.364	92.381	N/A	N/A	3.983	AV
2			5725.000	52.880	48.774	-1.120	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	

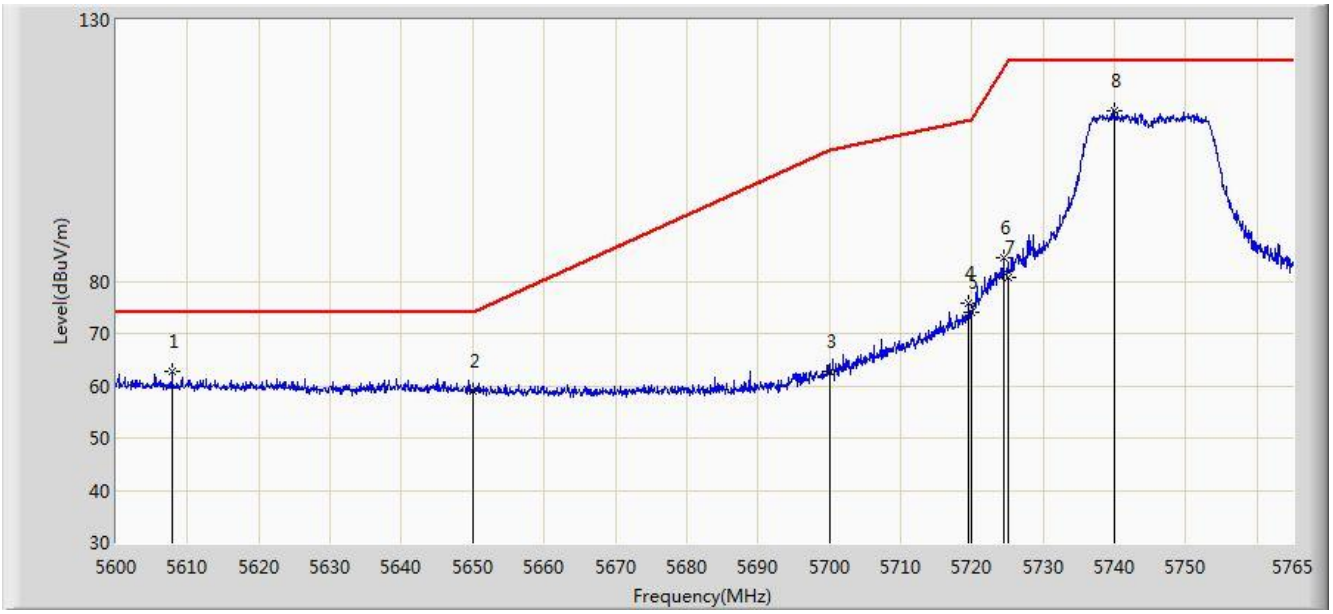


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.690	57.590	53.962	-16.410	74.000	3.628	PK
2			5650.000	55.802	51.999	-18.198	74.000	3.803	PK
3			5700.000	56.251	52.311	-48.949	105.200	3.940	PK
4			5719.625	66.518	62.545	-44.177	110.695	3.973	PK
5			5720.000	66.177	62.195	-44.623	110.800	3.982	PK
6			5725.000	72.704	68.598	-49.496	122.200	4.105	PK
7			5748.252	103.451	99.184	-18.749	122.200	4.266	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: AC2	Time: 2016/05/25 - 21:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	

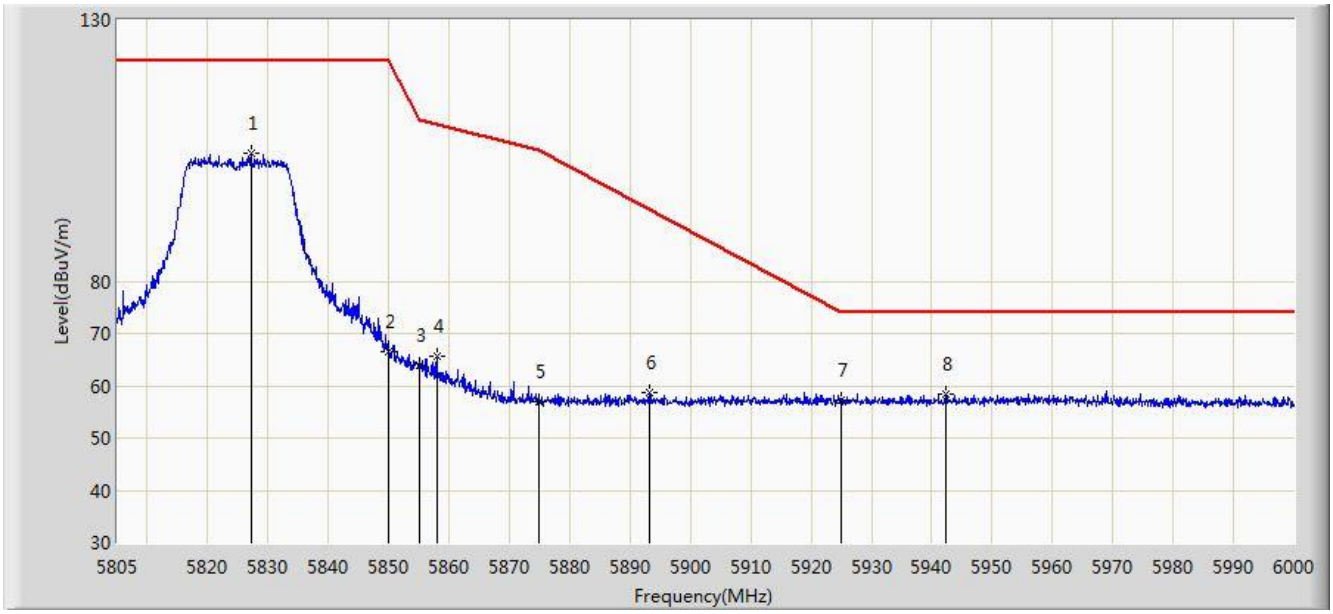


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5607.837	62.621	58.895	-11.379	74.000	3.725	PK
2			5650.000	59.086	55.283	-14.914	74.000	3.803	PK
3			5700.000	62.621	58.681	-42.579	105.200	3.940	PK
4			5719.542	75.831	71.860	-34.841	110.672	3.971	PK
5			5720.000	74.017	70.035	-36.783	110.800	3.982	PK
6			5724.410	84.564	80.473	-36.291	120.855	4.091	PK
7			5725.000	80.798	76.692	-41.402	122.200	4.105	PK
8		*	5739.920	112.692	108.414	-9.508	122.200	4.278	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: AC2	Time: 2016/05/25 - 21:39
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	

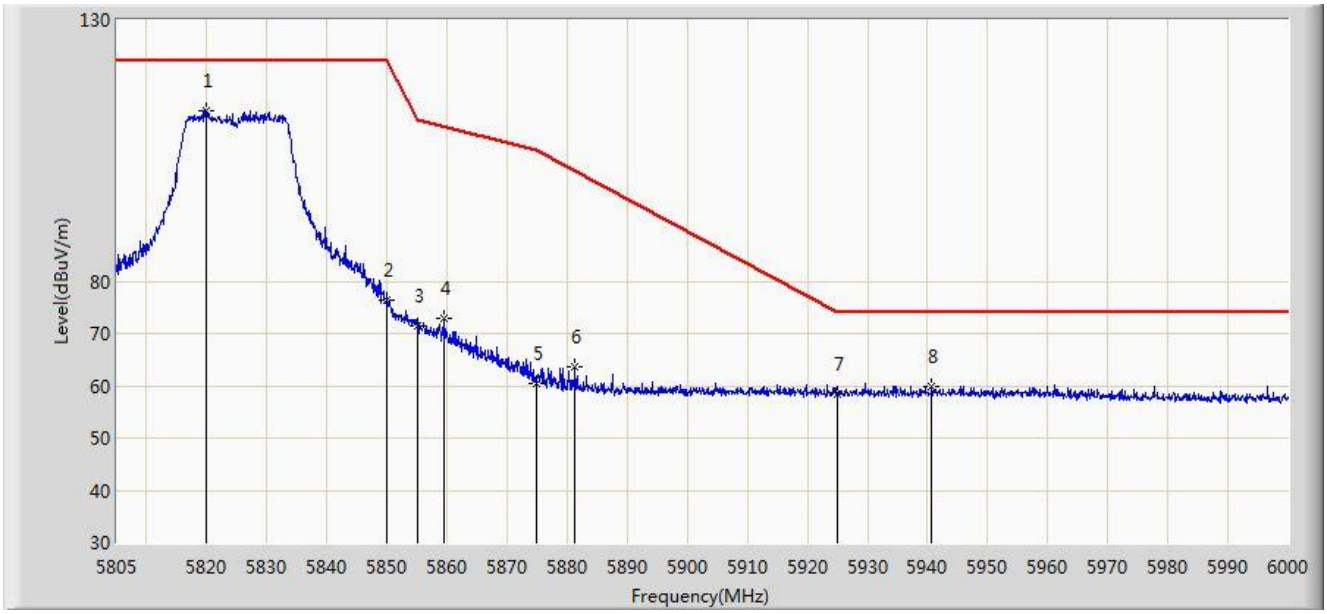


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.132	104.387	99.617	-17.813	122.200	4.770	PK
2			5850.000	66.598	61.603	-55.602	122.200	4.995	PK
3			5855.000	63.934	58.946	-46.866	110.800	4.987	PK
4			5857.942	65.635	60.652	-44.340	109.975	4.983	PK
5			5875.000	56.992	51.985	-48.208	105.200	5.008	PK
6			5893.140	58.578	53.458	-35.272	93.850	5.119	PK
7			5925.000	57.305	52.153	-16.695	74.000	5.152	PK
8		*	5942.280	58.509	53.342	-15.491	74.000	5.167	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	

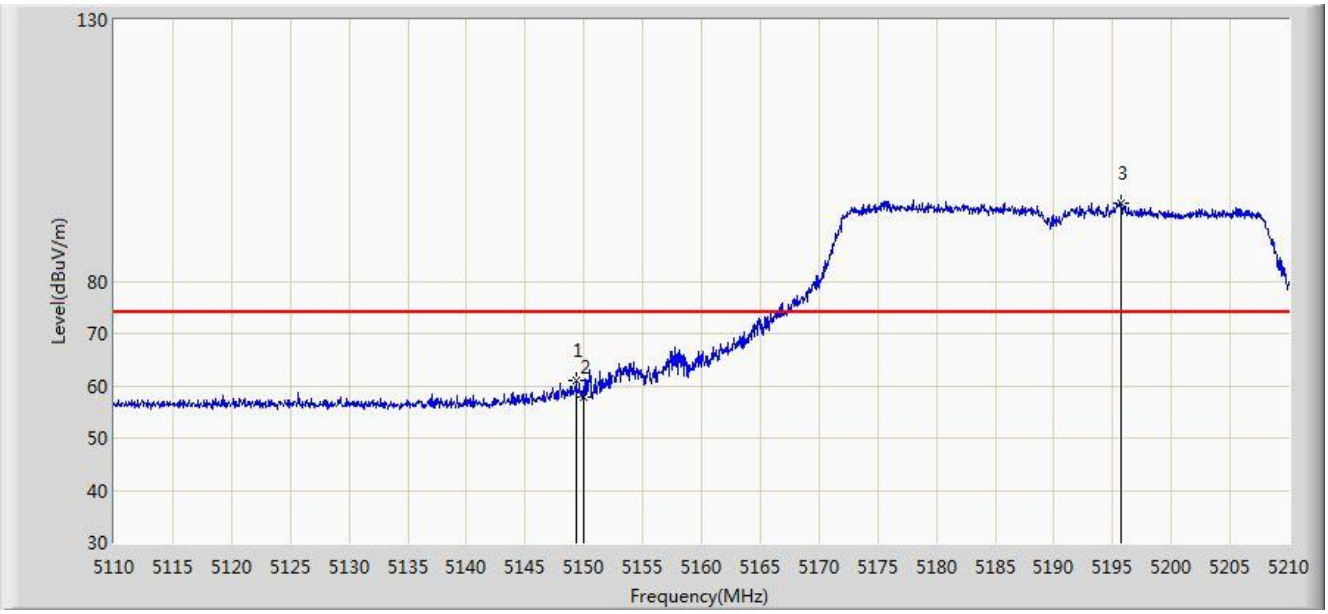


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.015	112.639	107.976	-9.561	122.200	4.663	PK
2			5850.000	76.379	71.384	-45.821	122.200	4.995	PK
3			5855.000	71.390	66.402	-39.410	110.800	4.987	PK
4			5859.405	72.998	68.018	-36.567	109.565	4.980	PK
5			5875.000	60.569	55.562	-44.631	105.200	5.008	PK
6			5881.342	63.494	58.429	-37.734	101.228	5.065	PK
7			5925.000	58.510	53.358	-15.490	74.000	5.152	PK
8			5940.720	59.983	54.812	-14.017	74.000	5.171	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: AC2	Time: 2016/05/25 - 21:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

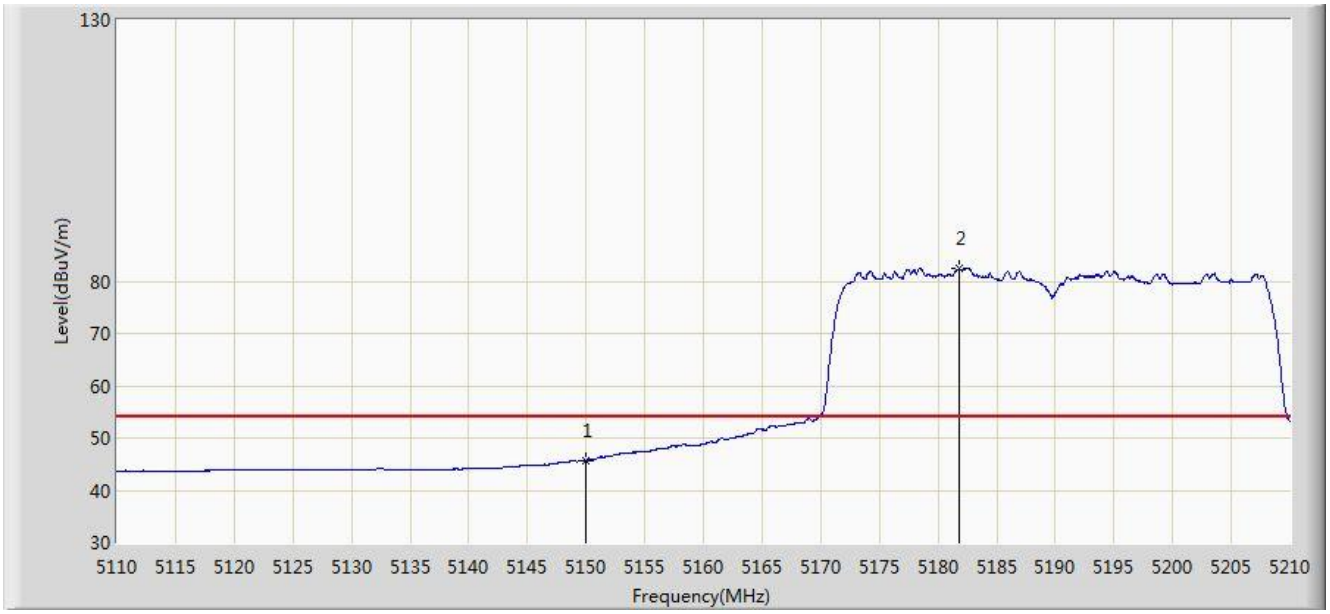


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.350	61.122	58.051	-12.878	74.000	3.071	PK
2			5150.000	57.957	54.887	-16.043	74.000	3.069	PK
3		*	5195.700	95.039	92.173	N/A	N/A	2.866	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

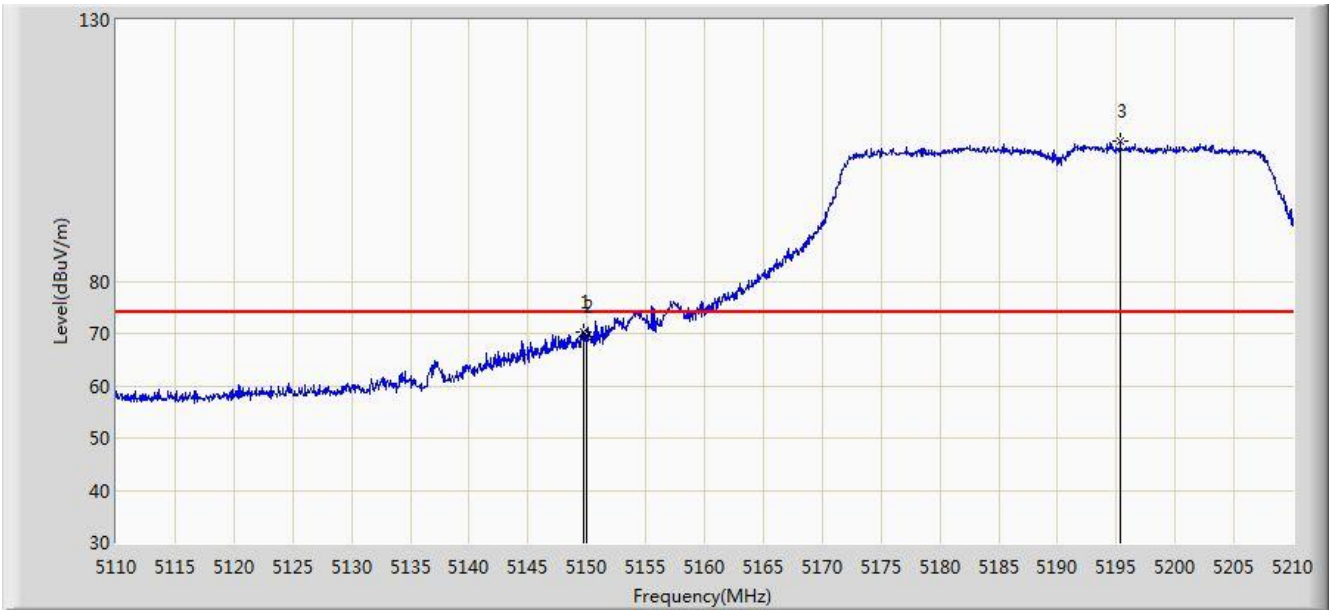


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.668	42.598	-8.332	54.000	3.069	AV
2		*	5181.750	82.358	79.308	N/A	N/A	3.050	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

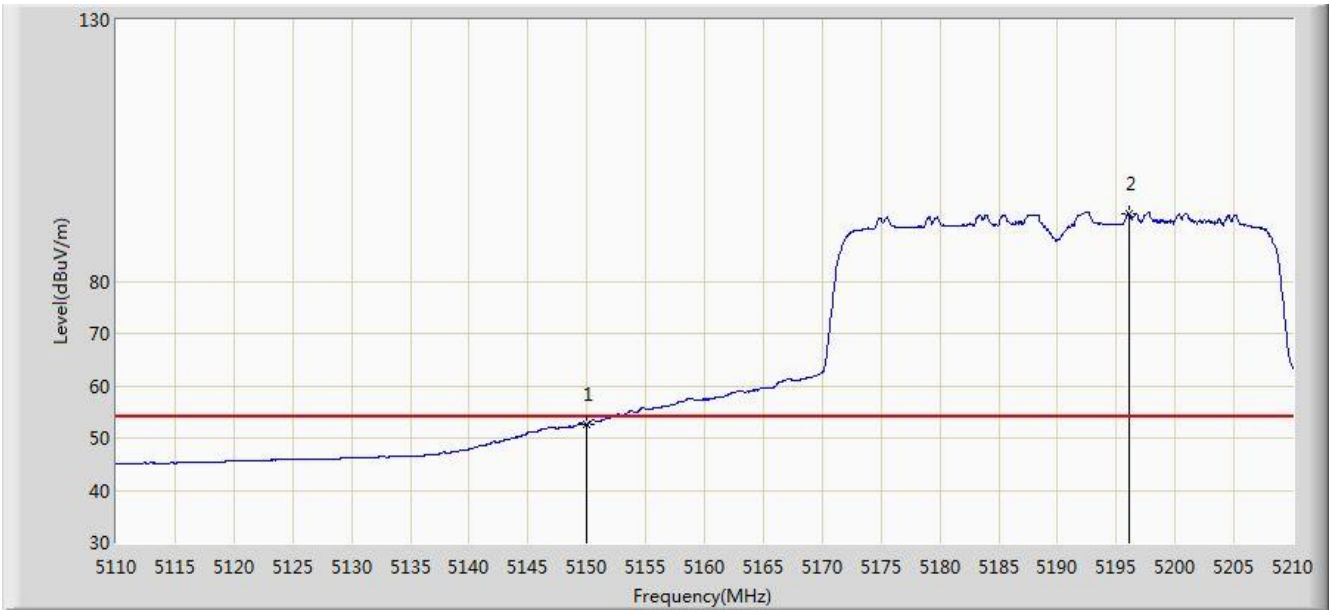


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.700	70.390	67.320	-3.610	74.000	3.070	PK
2			5150.000	69.304	66.234	-4.696	74.000	3.069	PK
3		*	5195.350	106.676	103.804	N/A	N/A	2.871	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

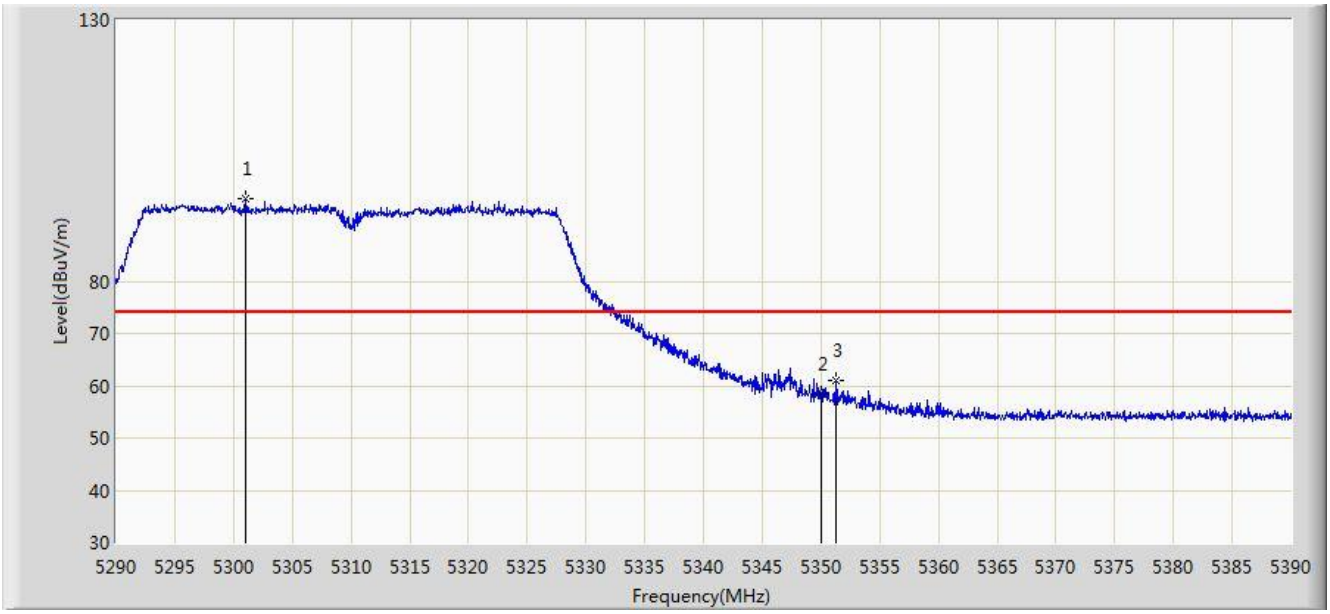


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.711	49.641	-1.289	54.000	3.069	AV
2		*	5196.100	92.967	90.107	N/A	N/A	2.860	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz	

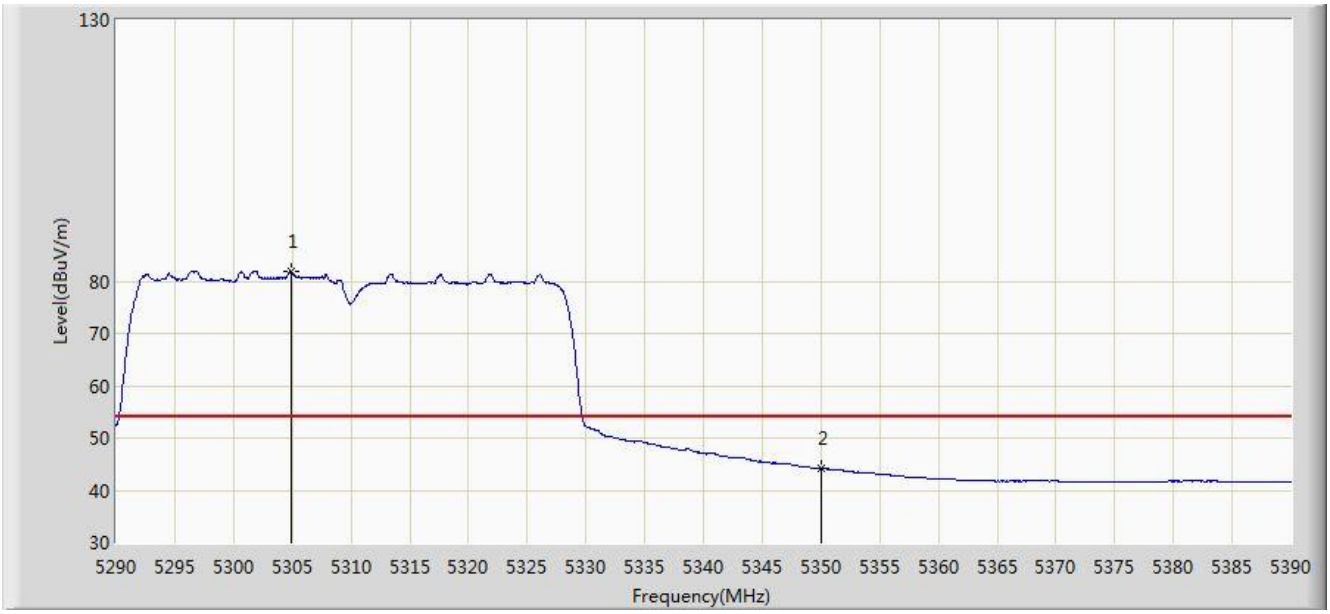


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.000	95.877	93.258	N/A	N/A	2.620	PK
2			5350.000	58.314	55.617	-15.686	74.000	2.697	PK
3			5351.300	60.936	58.234	-13.064	74.000	2.702	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz	

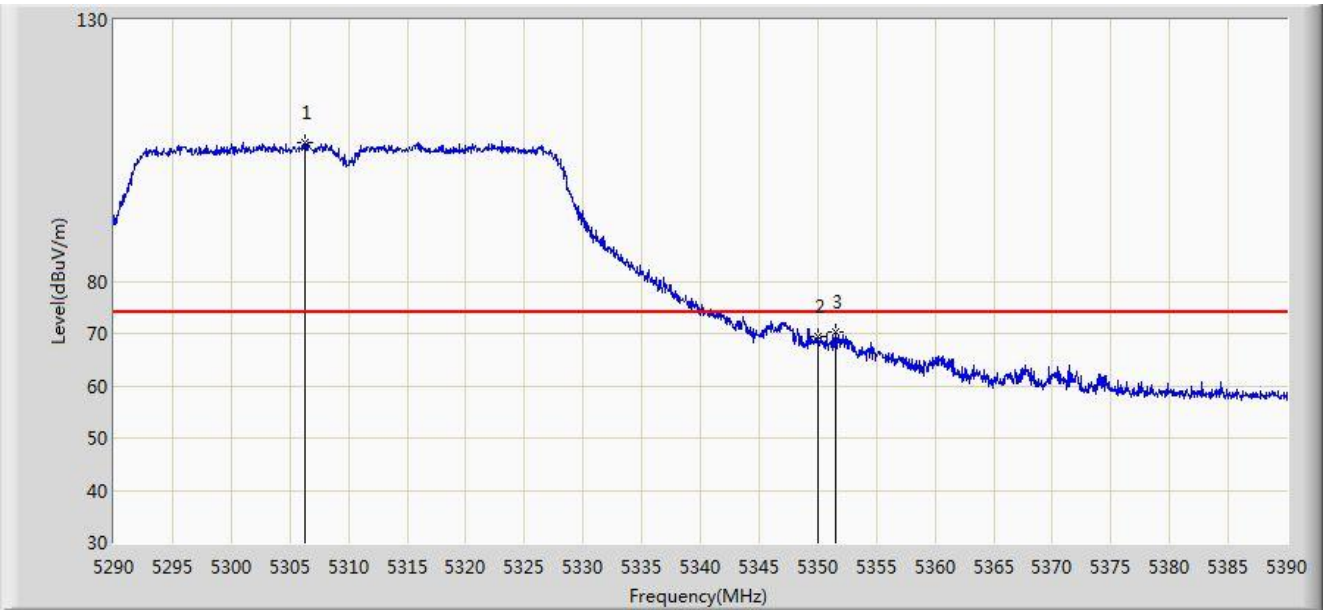


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5304.900	81.900	79.286	N/A	N/A	2.614	AV
2			5350.000	44.154	41.457	-9.846	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/05/25 - 21:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz	

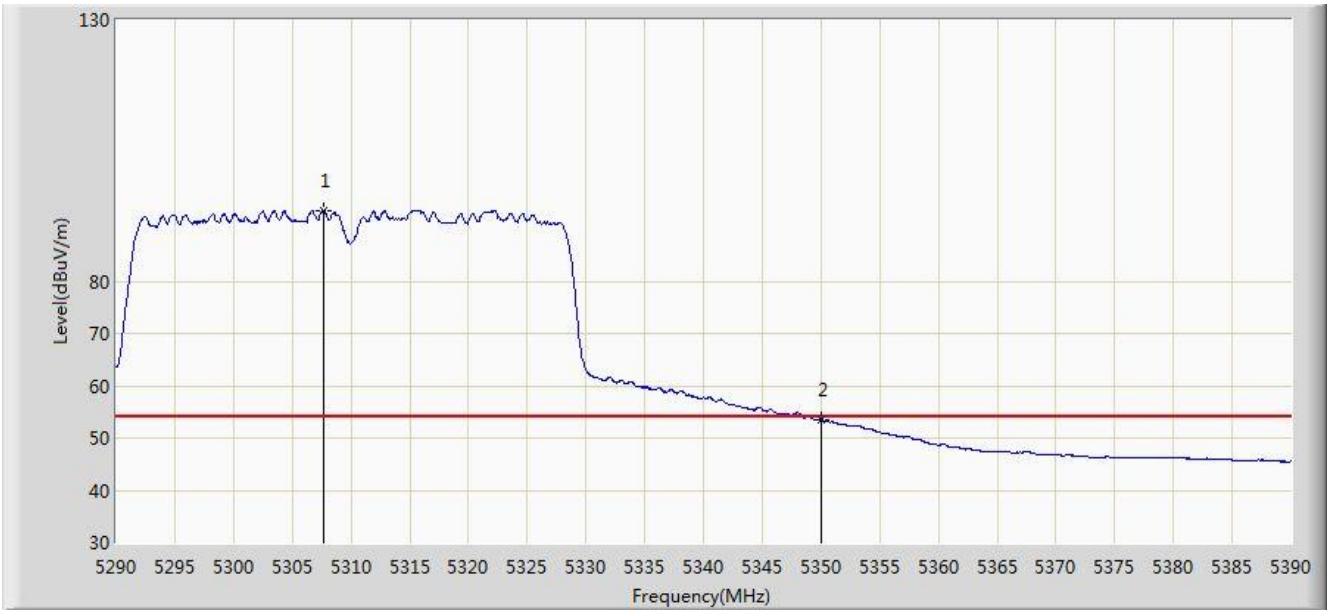


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.350	106.642	104.030	N/A	N/A	2.611	PK
2			5350.000	69.449	66.752	-4.551	74.000	2.697	PK
3			5351.500	70.350	67.647	-3.650	74.000	2.703	PK

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

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

Site: AC2	Time: 2016/05/25 - 21:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz	

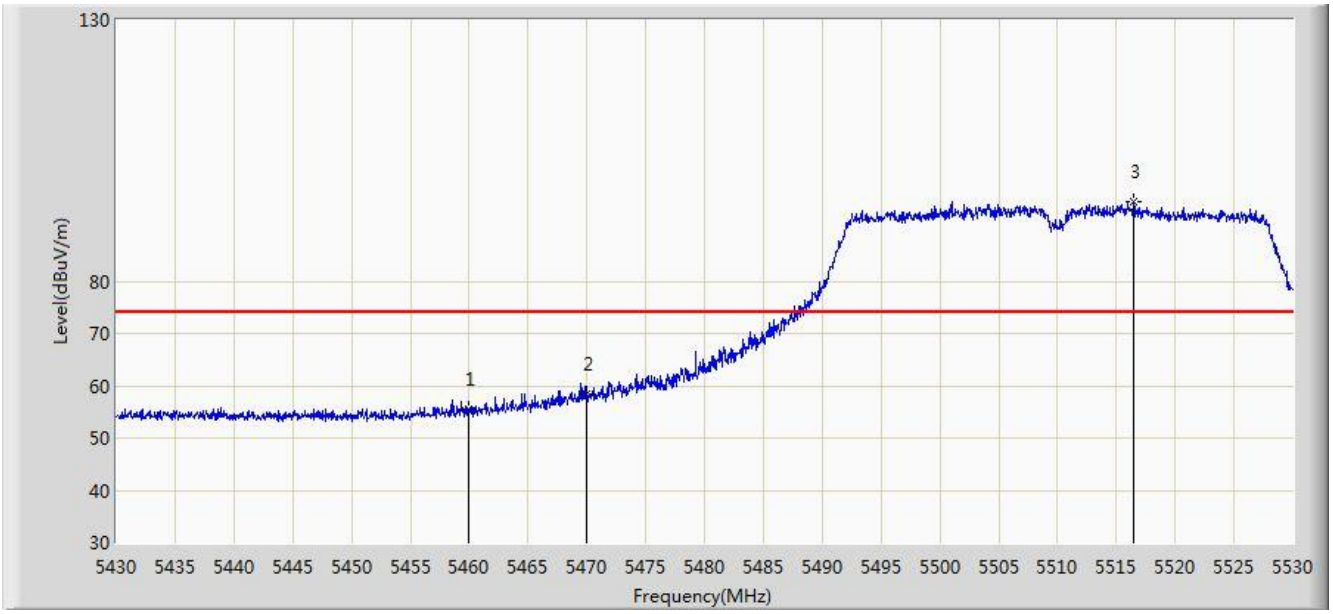


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.650	93.550	90.940	N/A	N/A	2.610	AV
2			5350.000	53.587	50.890	-0.413	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/05/25 - 22:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Power=12.5	

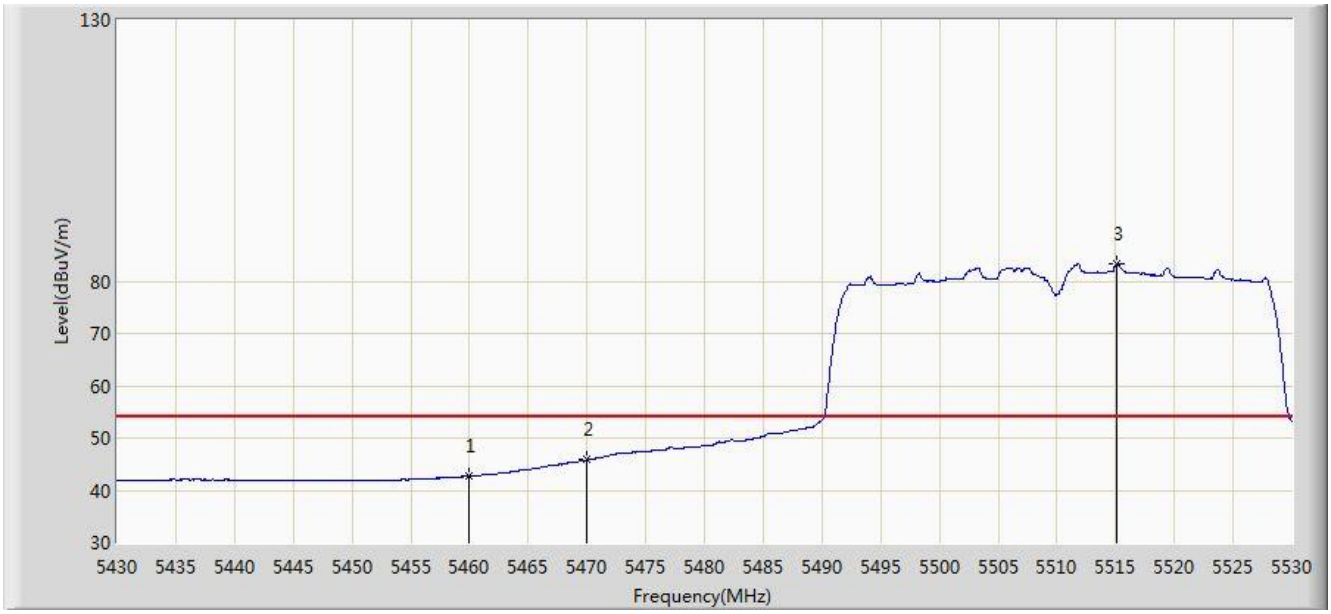


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	55.558	52.365	-18.442	74.000	3.194	PK
2			5470.000	58.366	54.837	-15.634	74.000	3.529	PK
3		*	5516.450	95.109	91.765	N/A	N/A	3.344	PK

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

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

Site: AC2	Time: 2016/05/25 - 22:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Power=12.5	

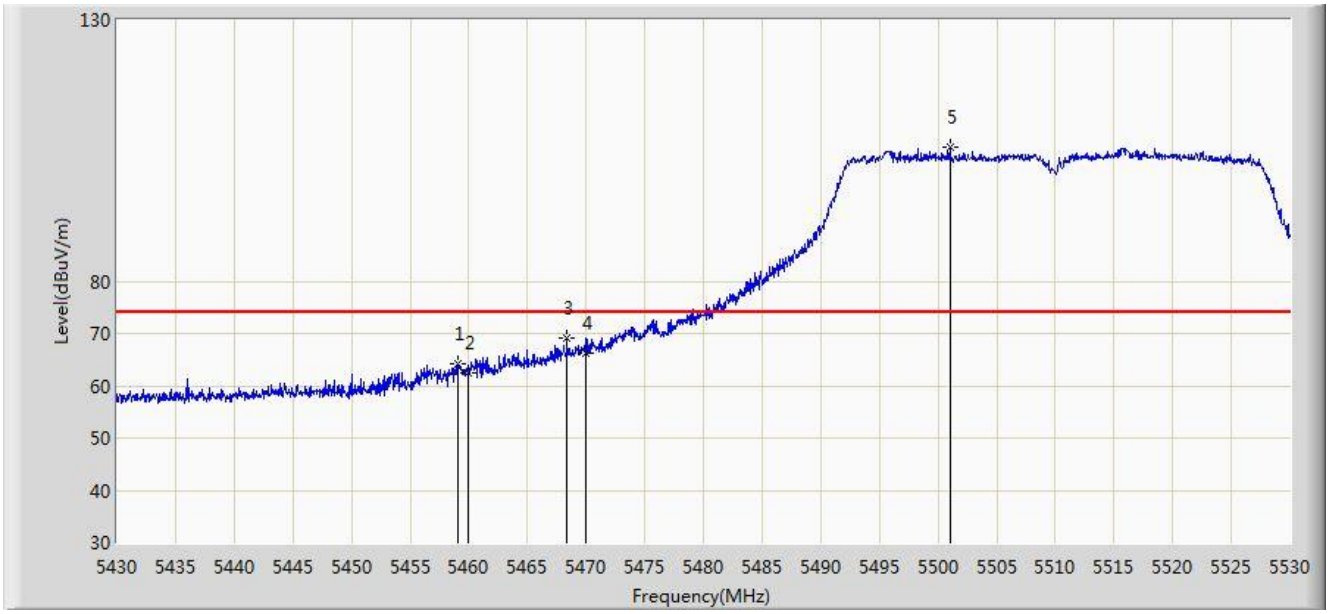


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	42.755	39.562	-11.245	54.000	3.194	AV
2			5470.000	45.832	42.303	-8.168	54.000	3.529	AV
3		*	5515.150	83.337	80.024	N/A	N/A	3.313	AV

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

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

Site: AC2	Time: 2016/05/25 - 22:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Power=12.5	

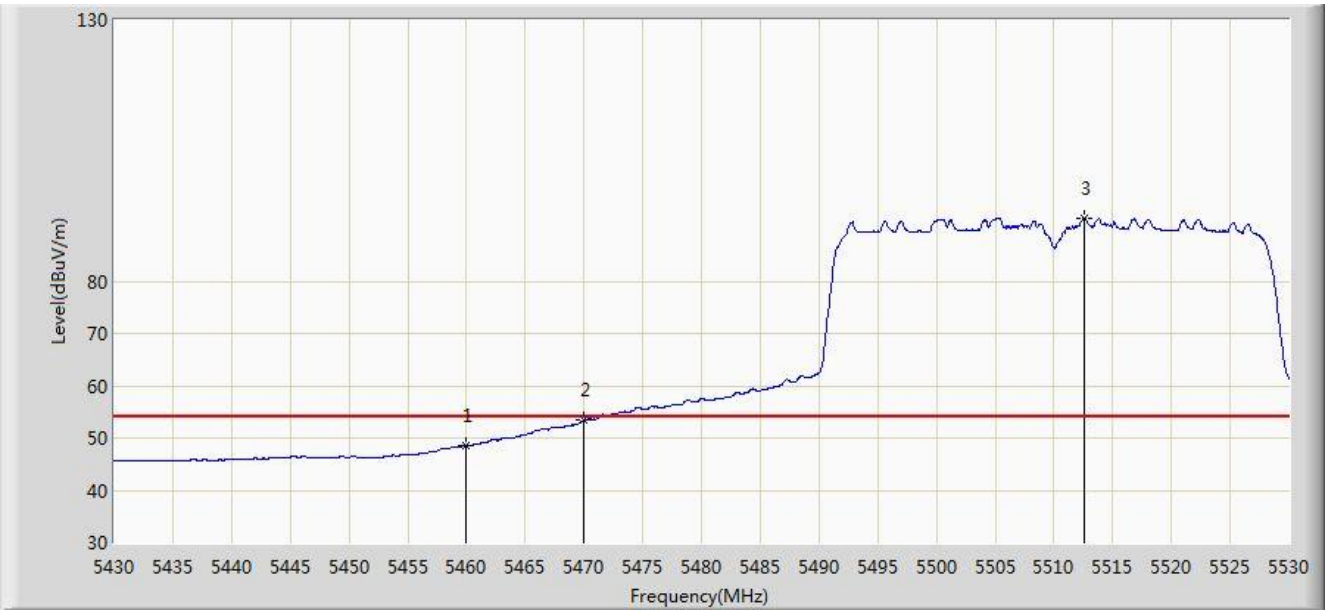


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.050	64.084	60.923	-9.916	74.000	3.162	PK
2			5460.000	62.342	59.149	-11.658	74.000	3.194	PK
3			5468.350	69.204	65.730	-4.796	74.000	3.473	PK
4			5470.000	66.295	62.766	-7.705	74.000	3.529	PK
5		*	5501.000	105.635	102.531	N/A	N/A	3.104	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: AC2	Time: 2016/05/25 - 22:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Power=12.5	

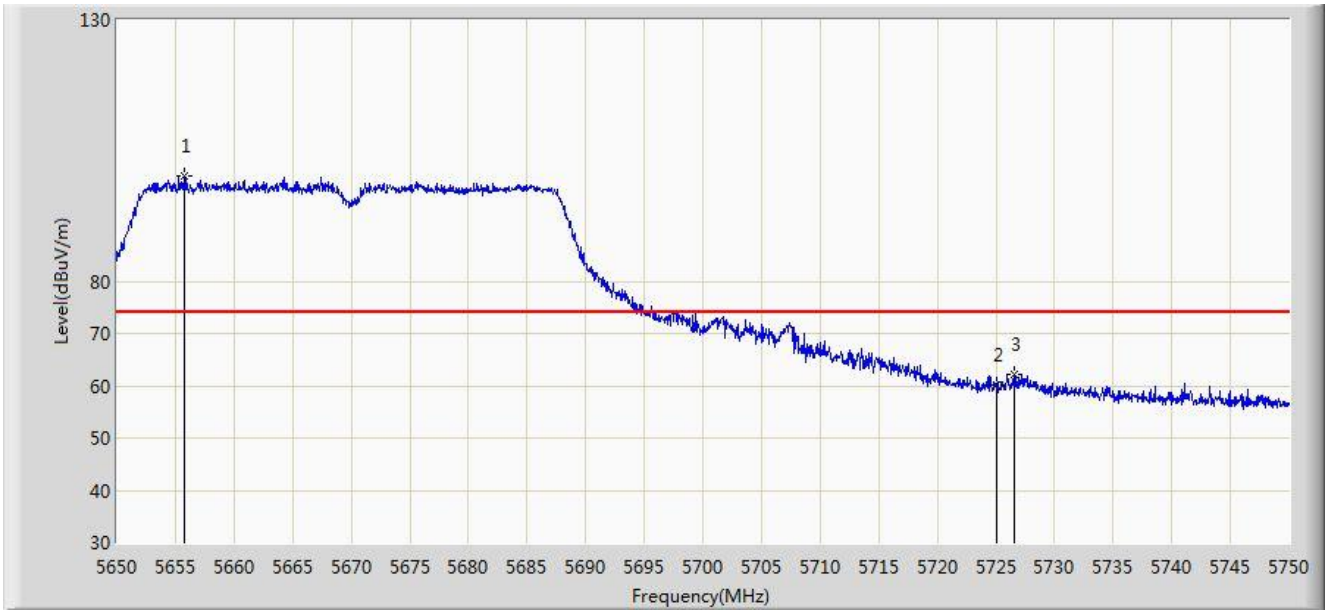


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.540	45.347	-5.460	54.000	3.194	AV
2			5470.000	53.399	49.870	-0.601	54.000	3.529	AV
3		*	5512.550	92.038	88.788	N/A	N/A	3.249	AV

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

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

Site: AC2	Time: 2016/05/26 - 09:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz	

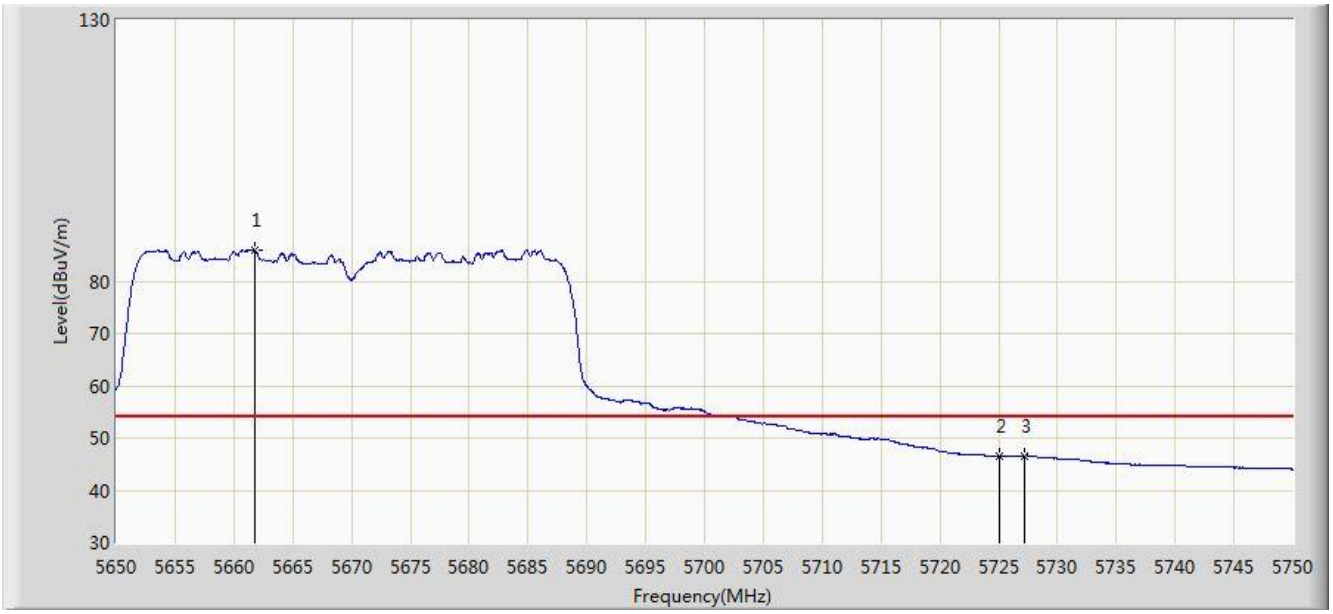


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5655.750	100.124	96.449	N/A	N/A	3.674	PK
2			5725.000	60.275	56.169	-13.725	74.000	4.105	PK
3			5726.600	62.072	57.927	-11.928	74.000	4.145	PK

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

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

Site: AC2	Time: 2016/05/26 - 09:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz	

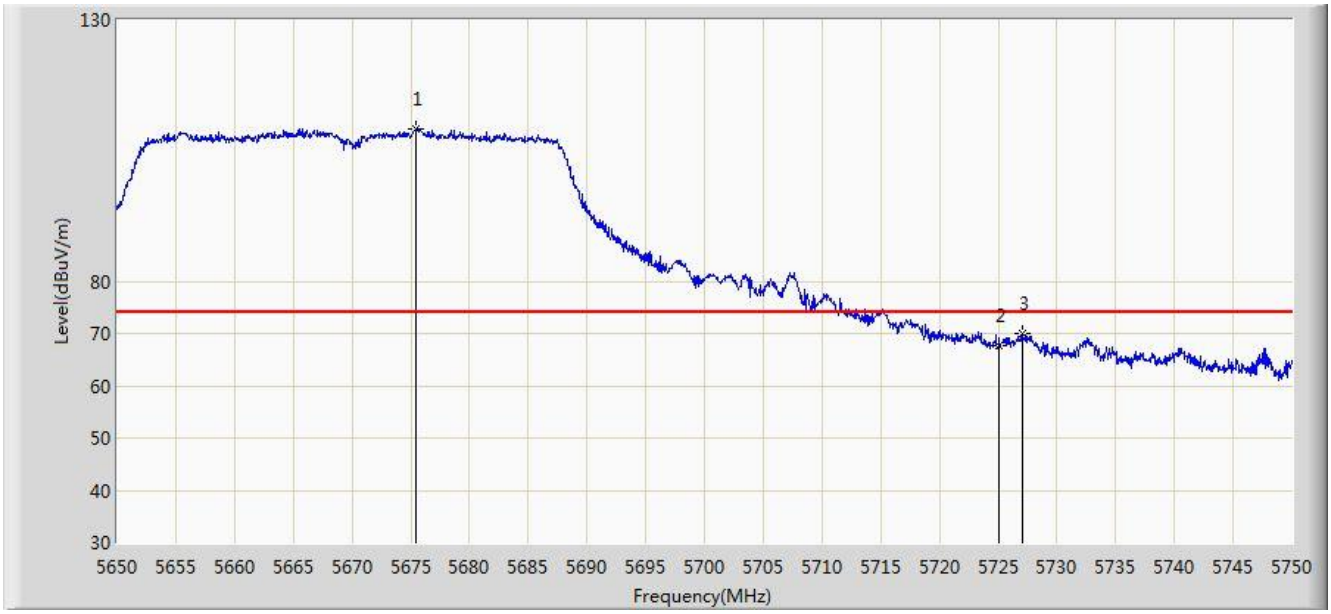


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5661.750	85.821	82.267	N/A	N/A	3.554	AV
2			5725.000	46.415	42.309	-7.585	54.000	4.105	AV
3			5727.150	46.629	42.470	-7.371	54.000	4.159	AV

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

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

Site: AC2	Time: 2016/05/26 - 09:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz	

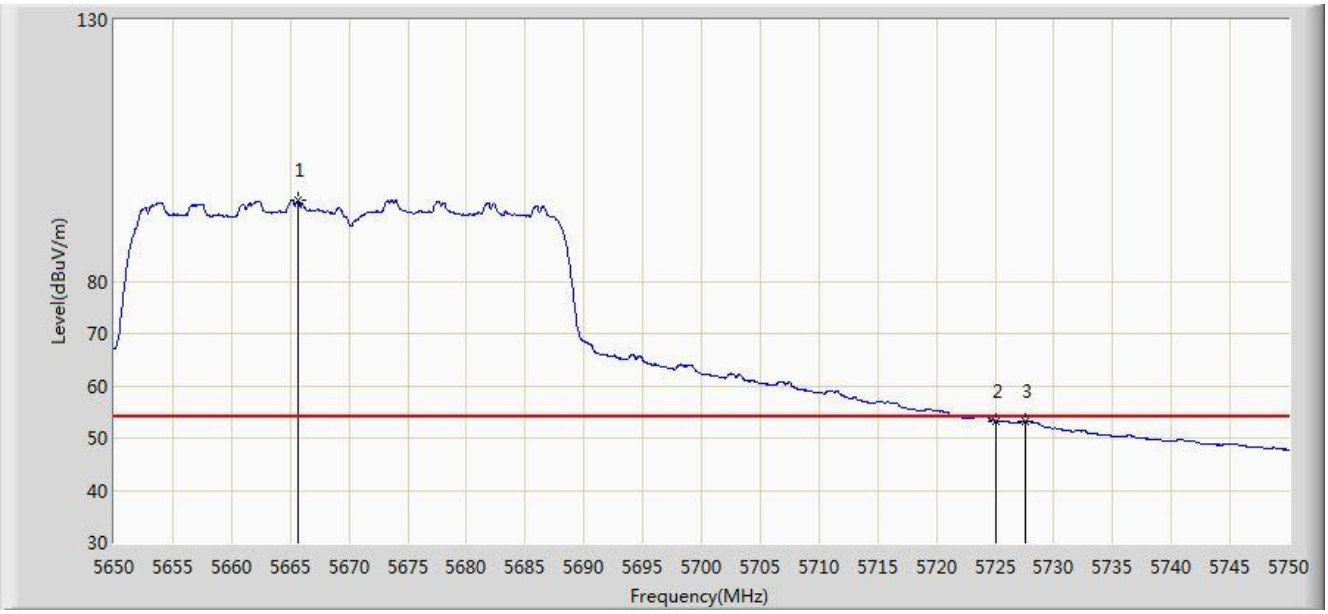


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.450	109.098	105.215	N/A	N/A	3.883	PK
2			5725.000	67.723	63.617	-6.277	74.000	4.105	PK
3			5727.050	69.929	65.772	-4.071	74.000	4.157	PK

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

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

Site: AC2	Time: 2016/05/26 - 09:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz	

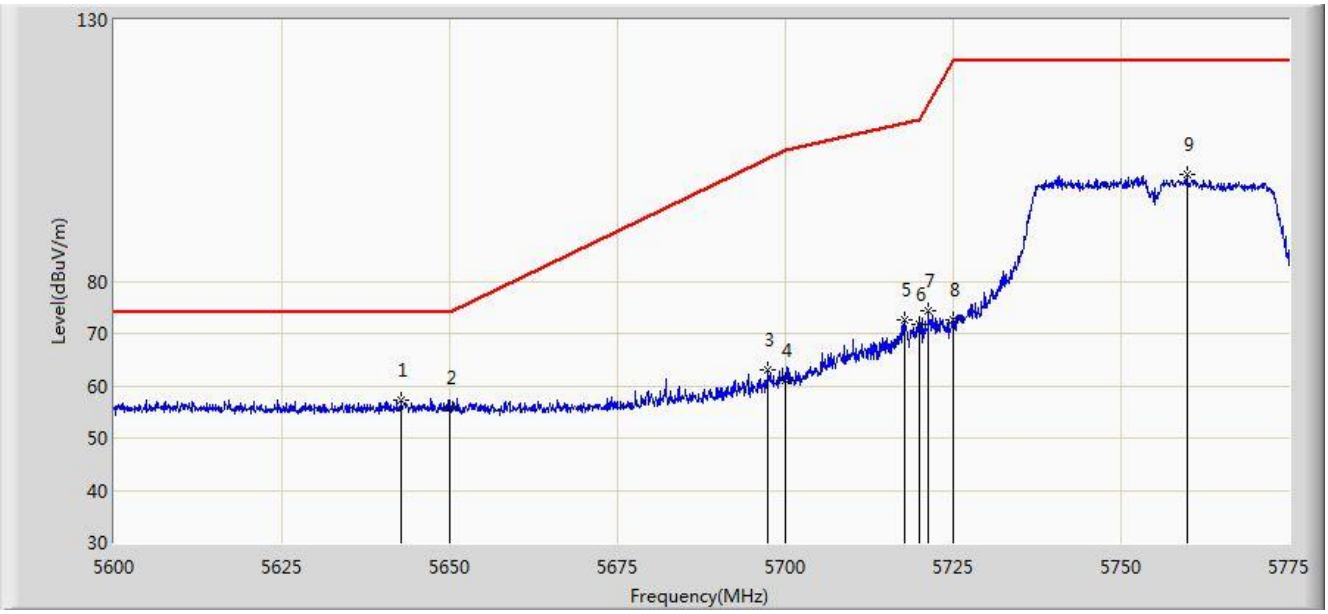


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5665.650	95.387	91.764	N/A	N/A	3.623	AV
2			5725.000	53.259	49.153	-0.741	54.000	4.105	AV
3			5727.600	53.289	49.118	-0.711	54.000	4.171	AV

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

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

Site: AC2	Time: 2016/05/26 - 09:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz	

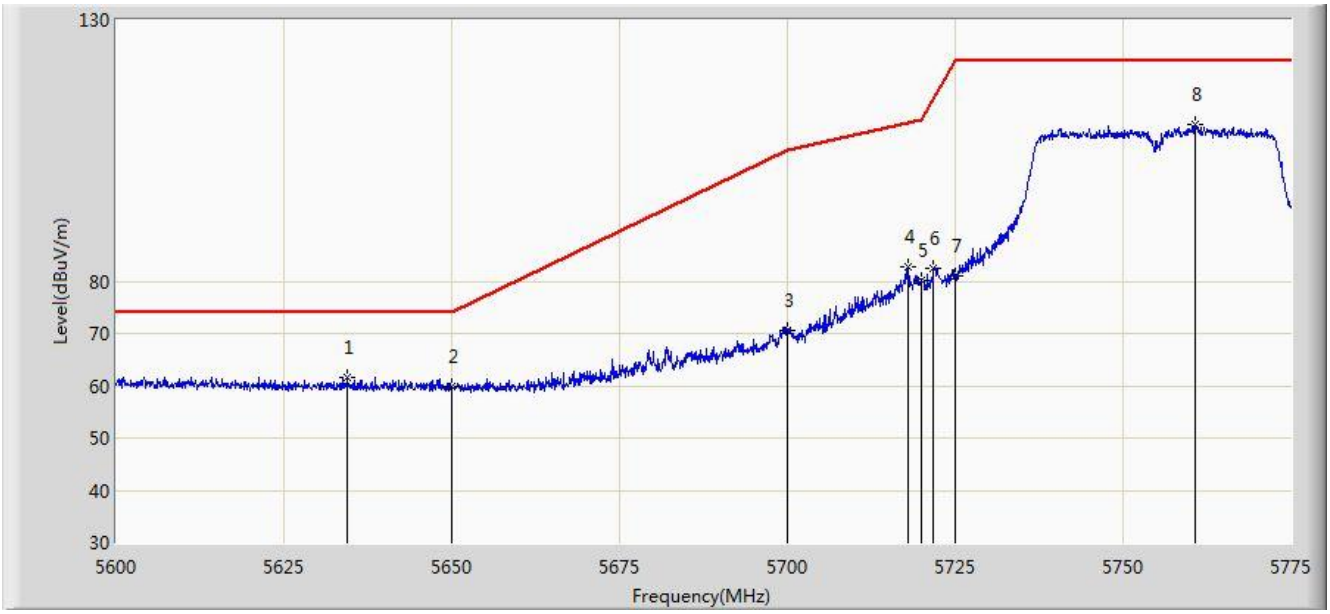


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5642.700	57.358	53.480	-16.642	74.000	3.878	PK
2			5650.000	55.679	51.876	-18.321	74.000	3.803	PK
3			5697.475	62.954	58.987	-40.677	103.631	3.967	PK
4			5700.000	60.899	56.959	-44.301	105.200	3.940	PK
5			5717.775	72.664	68.736	-37.514	110.178	3.927	PK
6			5720.000	71.600	67.618	-39.200	110.800	3.982	PK
7			5721.275	74.438	70.424	-39.270	113.708	4.014	PK
8			5725.000	72.584	68.478	-49.616	122.200	4.105	PK
9			5759.775	100.377	95.942	-21.823	122.200	4.434	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: AC2	Time: 2016/05/26 - 09:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz	

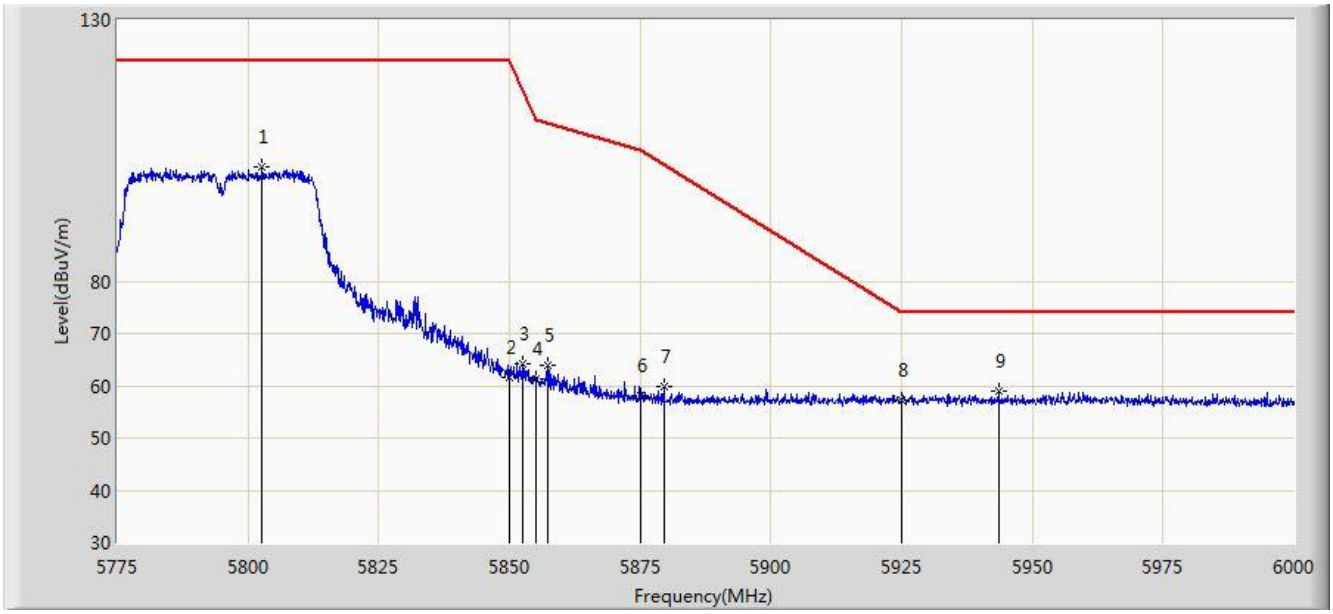


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.475	61.557	57.849	-12.443	74.000	3.708	PK
2			5650.000	59.935	56.132	-14.065	74.000	3.803	PK
3			5700.000	70.487	66.547	-34.713	105.200	3.940	PK
4			5717.950	82.848	78.916	-27.379	110.227	3.932	PK
5			5720.000	80.257	76.275	-30.543	110.800	3.982	PK
6			5721.800	82.341	78.314	-32.564	114.905	4.028	PK
7			5725.000	80.952	76.846	-41.248	122.200	4.105	PK
8		*	5760.650	110.063	105.623	-12.137	122.200	4.440	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: AC2	Time: 2016/05/26 - 09:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz	

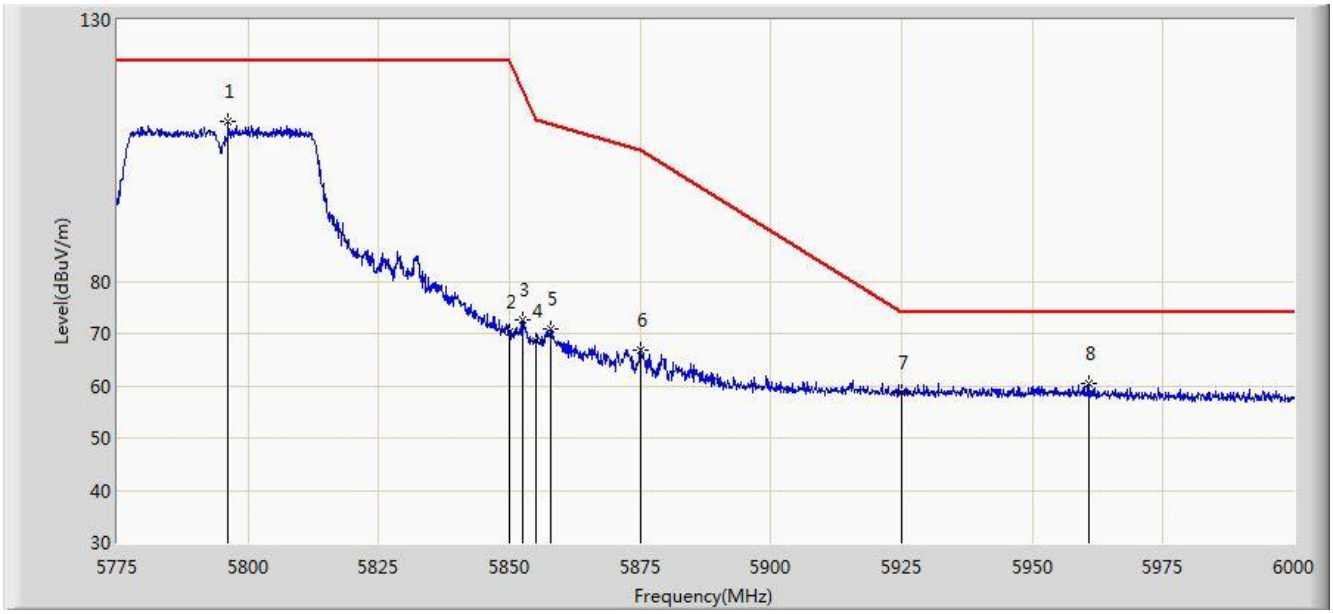


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5802.675	101.776	97.111	-20.424	122.200	4.665	PK
2			5850.000	61.566	56.571	-60.634	122.200	4.995	PK
3			5852.400	64.313	59.322	-52.413	116.727	4.991	PK
4			5855.000	61.386	56.398	-49.414	110.800	4.987	PK
5			5857.350	64.023	59.039	-46.118	110.141	4.984	PK
6			5875.000	58.139	53.132	-47.061	105.200	5.008	PK
7			5879.513	59.943	54.888	-42.430	102.373	5.056	PK
8			5925.000	57.169	52.017	-16.831	74.000	5.152	PK
9		*	5943.525	59.017	53.848	-14.983	74.000	5.169	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: AC2	Time: 2016/05/26 - 09:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5796.263	110.463	105.846	-11.737	122.200	4.617	PK
2			5850.000	70.213	65.218	-51.987	122.200	4.995	PK
3			5852.513	72.608	67.617	-43.861	116.469	4.991	PK
4			5855.000	68.583	63.595	-42.217	110.800	4.987	PK
5			5857.800	70.765	65.782	-39.250	110.015	4.983	PK
6			5875.000	66.906	61.899	-38.294	105.200	5.008	PK
7			5925.000	58.799	53.647	-15.201	74.000	5.152	PK
8			5960.850	60.338	54.973	-13.662	74.000	5.365	PK

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

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

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

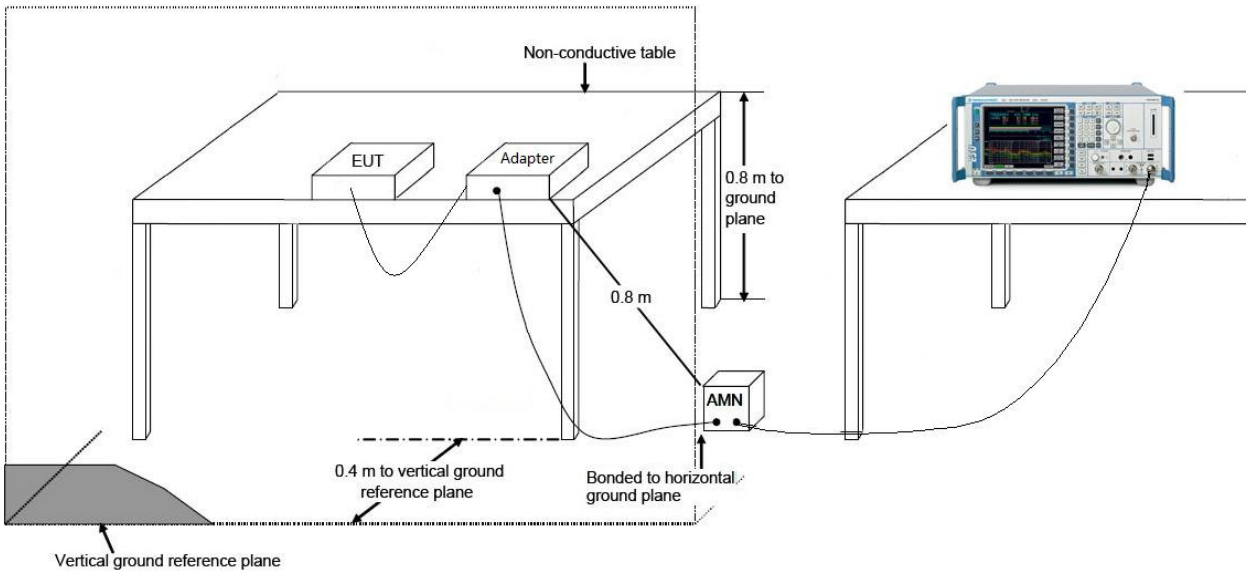
7.10.2. Test Procedure

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

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

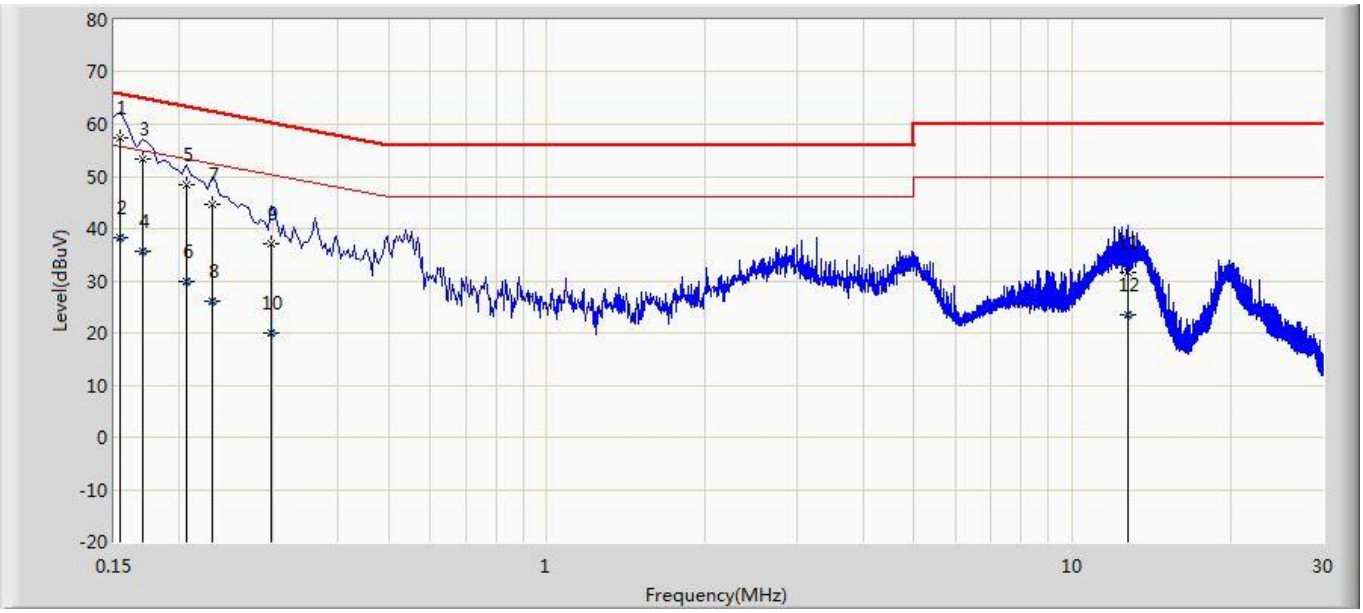
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2016/05/27 - 11:30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

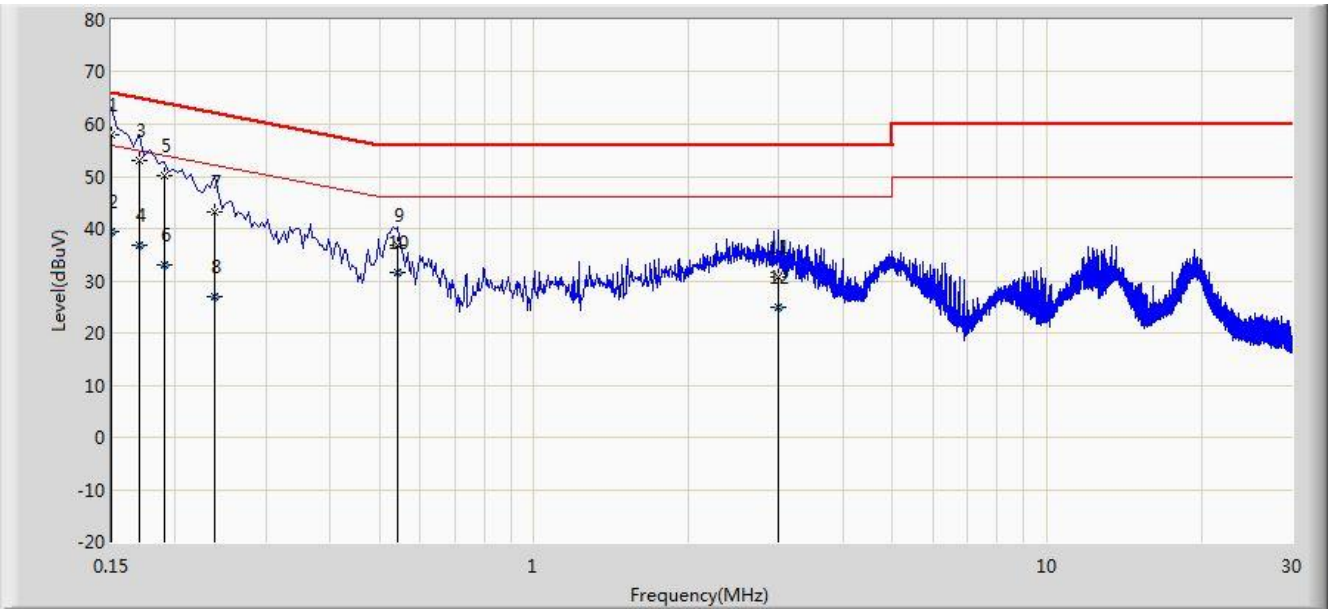


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	57.533	46.793	-8.249	65.781	10.740	QP
2			0.154	38.346	27.606	-17.435	55.781	10.740	AV
3			0.170	53.231	43.153	-11.729	64.960	10.078	QP
4			0.170	35.573	25.495	-19.388	54.960	10.078	AV
5			0.206	48.296	38.315	-15.069	63.365	9.981	QP
6			0.206	29.961	19.981	-23.404	53.365	9.981	AV
7			0.230	44.628	34.681	-17.821	62.450	9.947	QP
8			0.230	26.091	16.144	-26.359	52.450	9.947	AV
9			0.298	37.140	27.138	-23.158	60.298	10.002	QP
10			0.298	19.999	9.997	-30.299	50.298	10.002	AV
11			12.726	31.510	21.421	-28.490	60.000	10.088	QP
12			12.726	23.419	13.330	-26.581	50.000	10.088	AV

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

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

Site: SR2	Time: 2016/05/27 - 11:36
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wireless-A/B/G/N Network Mini PCIe Adapter	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	57.950	46.808	-8.050	66.000	11.142	QP
2			0.150	39.380	28.238	-16.620	56.000	11.142	AV
3			0.170	53.093	43.029	-11.868	64.960	10.064	QP
4			0.170	36.805	26.741	-18.156	54.960	10.064	AV
5			0.190	50.025	39.997	-14.012	64.037	10.028	QP
6			0.190	33.053	23.025	-20.984	54.037	10.028	AV
7			0.238	43.107	33.115	-19.059	62.166	9.992	QP
8			0.238	27.001	17.009	-25.165	52.166	9.992	AV
9			0.542	36.893	26.730	-19.107	56.000	10.163	QP
10			0.542	31.676	21.513	-14.324	46.000	10.163	AV
11			2.998	30.618	20.751	-25.382	56.000	9.867	QP
12			2.998	25.050	15.182	-20.950	46.000	9.867	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 **Wireless-A/B/G/N Network Mini PCIe Adapter FCC ID: TK4-10-WLE200NX** is in compliance with Part 15E of the FCC Rules.

The End