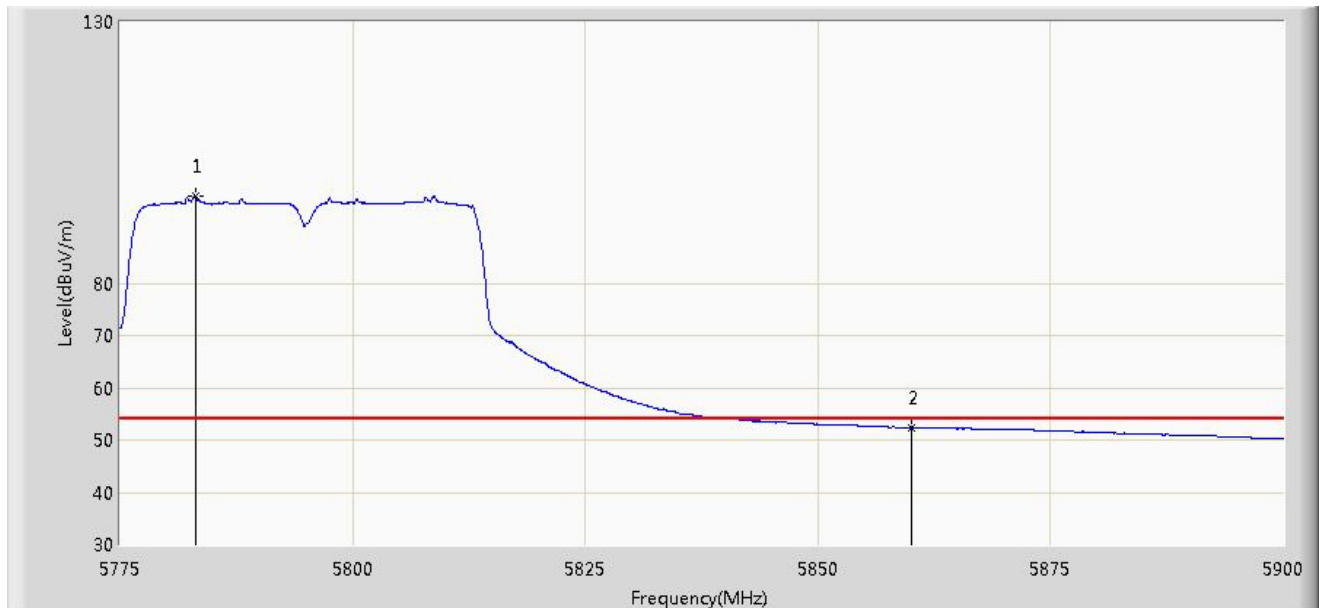


Site: AC1	Time: 2015/05/04 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

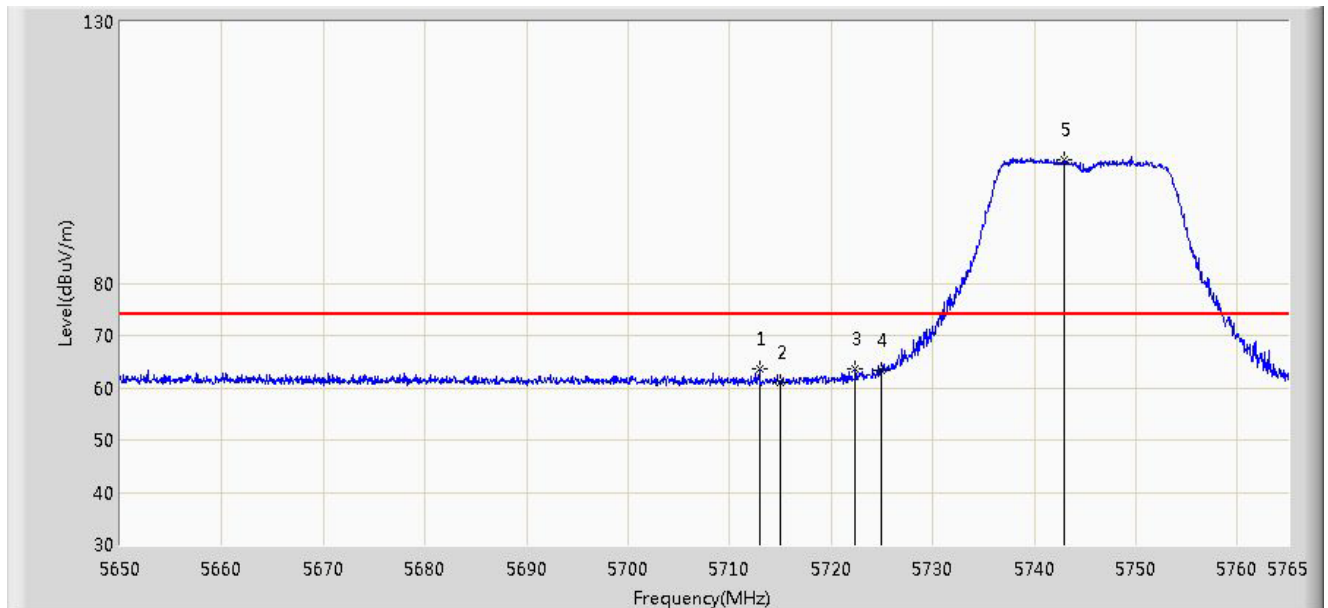


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.125	96.695	92.763	N/A	N/A	3.933	AV
2			5860.000	52.448	48.385	-1.552	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

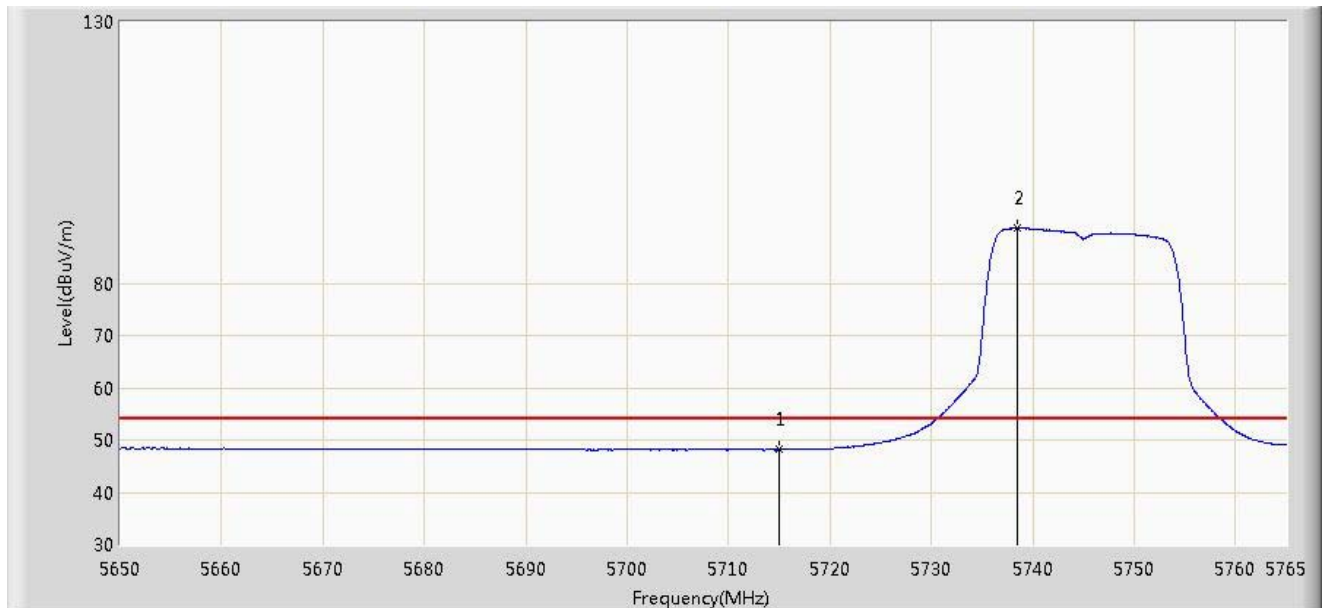


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.905	63.572	59.817	-10.428	74.000	3.755	PK
2			5715.000	61.140	57.379	-12.860	74.000	3.761	PK
3			5722.393	63.703	59.920	-14.497	78.200	3.783	PK
4			5725.000	63.427	59.636	-14.773	78.200	3.791	PK
5		*	5742.978	103.516	99.671	N/A	N/A	3.845	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

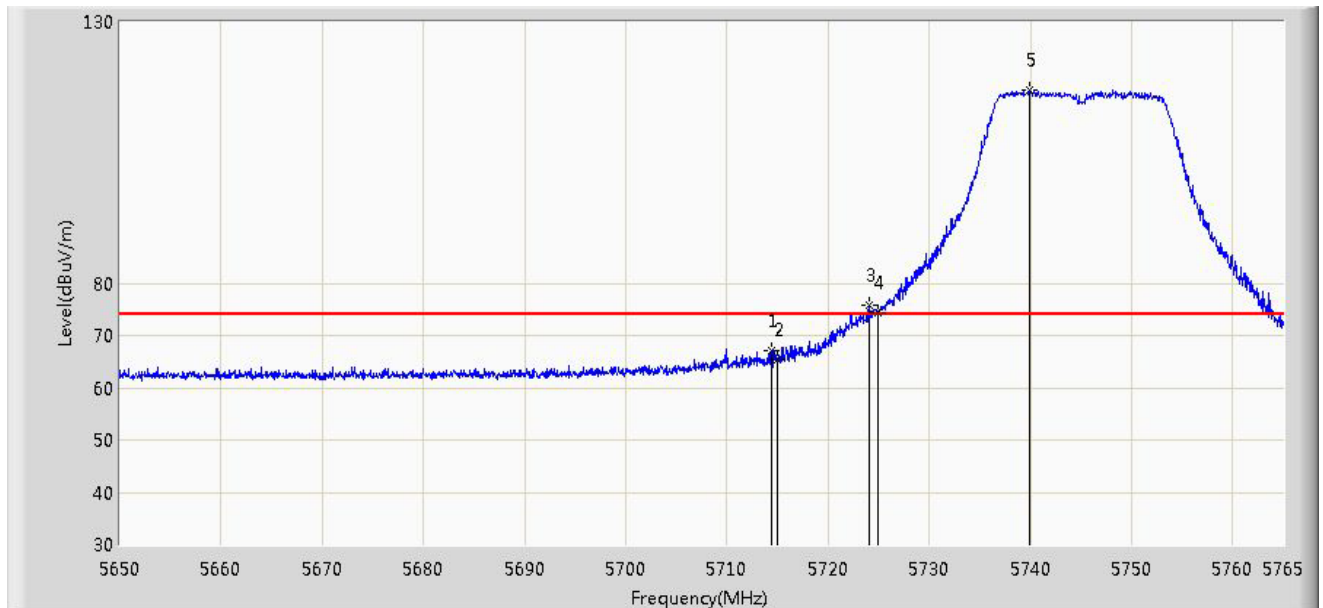


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	48.154	44.393	-5.846	54.000	3.761	AV
2		*	5738.493	90.490	86.657	N/A	N/A	3.834	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

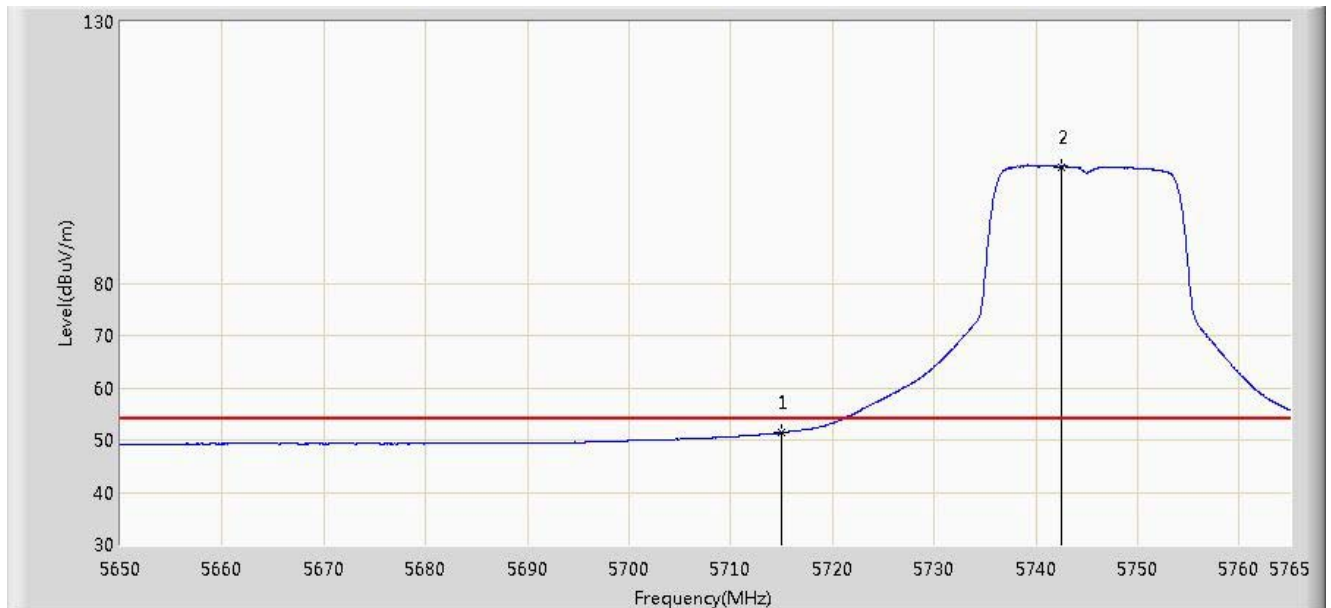


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.400	67.005	63.246	-6.995	74.000	3.759	PK
2			5715.000	65.466	61.705	-8.534	74.000	3.761	PK
3			5724.002	75.849	72.061	-2.351	78.200	3.788	PK
4			5725.000	74.276	70.485	-3.924	78.200	3.791	PK
5		*	5739.930	116.864	113.027	N/A	N/A	3.837	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

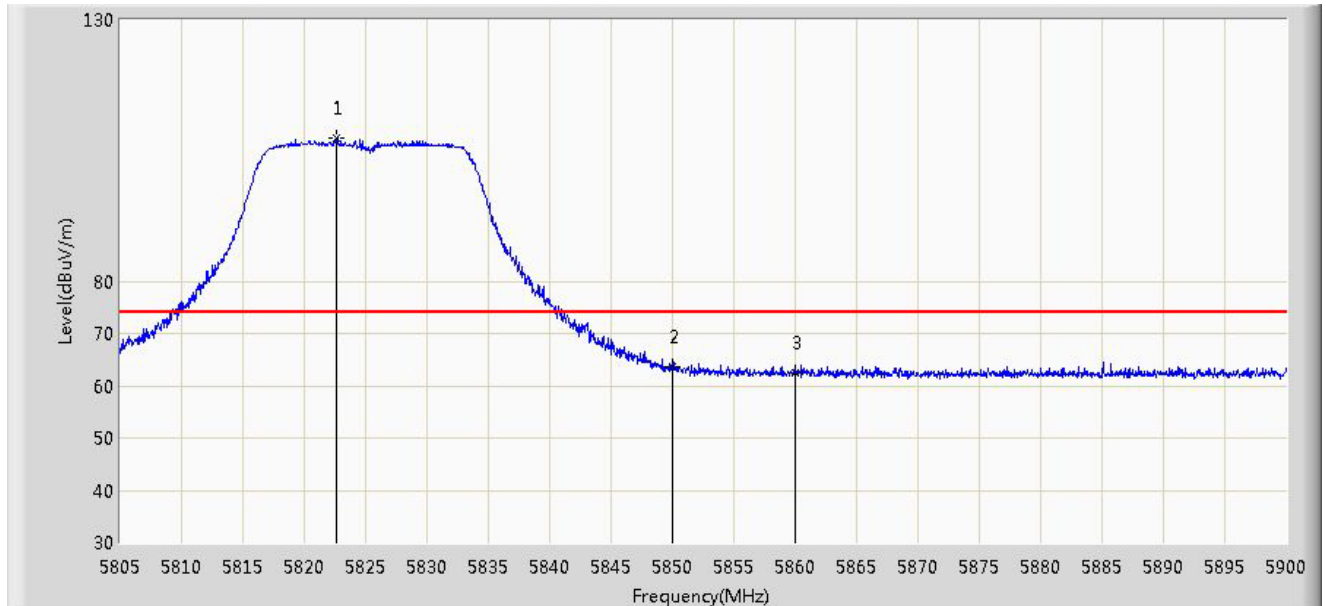


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.387	47.626	-2.613	54.000	3.761	AV
2		*	5742.575	102.273	98.429	N/A	N/A	3.844	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

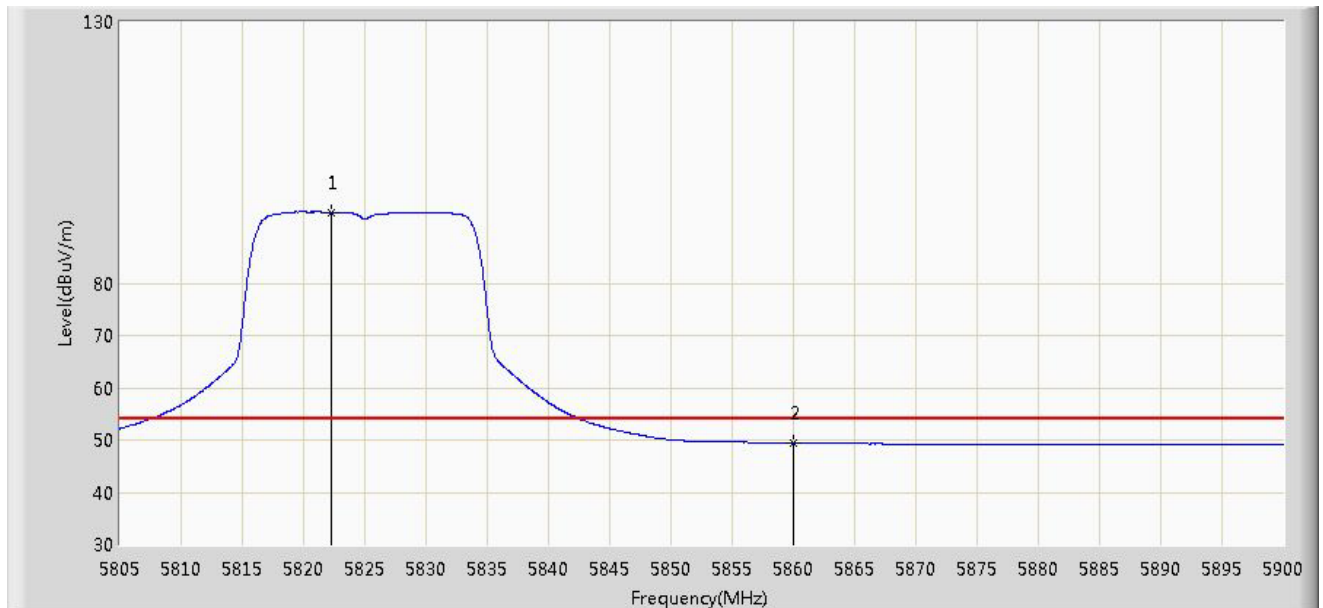


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.575	107.288	103.288	N/A	N/A	4.000	PK
2			5850.000	63.509	59.452	-14.691	78.200	4.058	PK
3			5860.000	62.440	58.377	-11.560	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

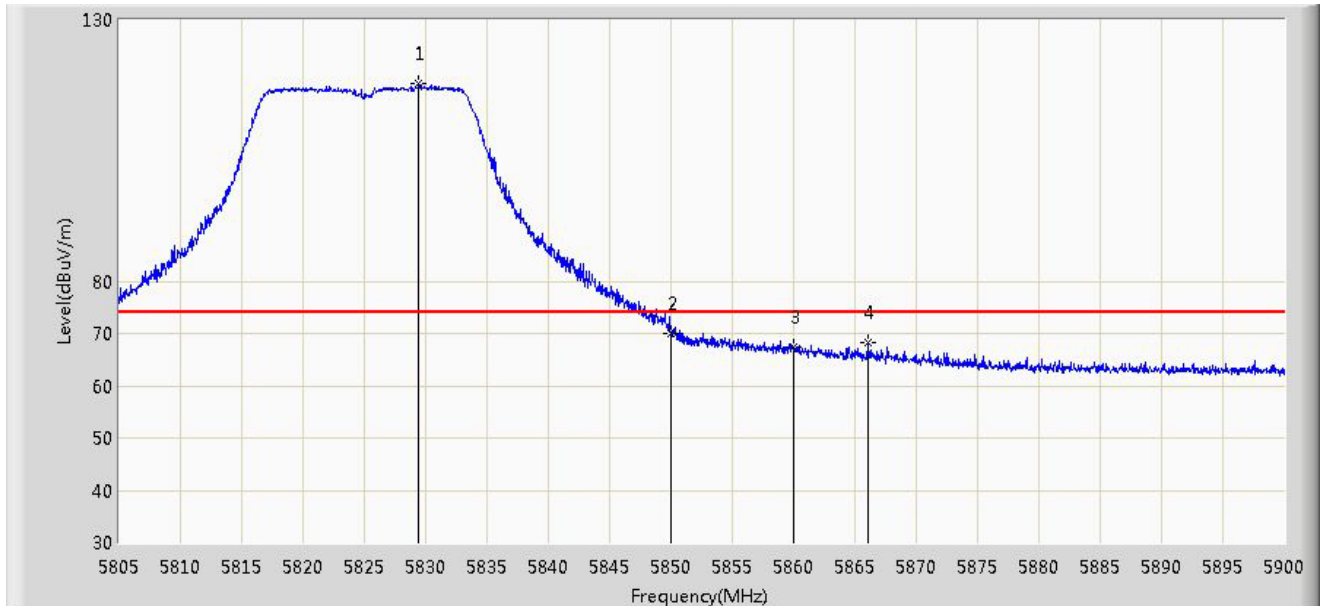


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.243	93.537	89.538	N/A	N/A	4.000	AV
2			5860.000	49.426	45.363	-4.574	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

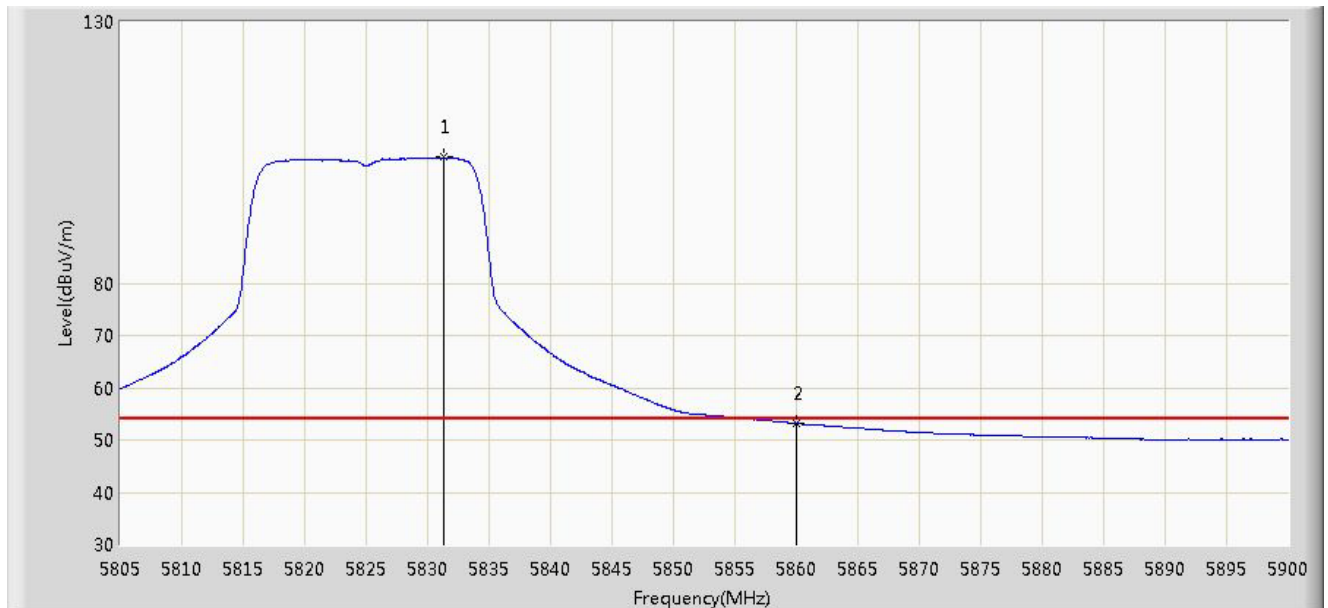


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.415	117.822	113.806	N/A	N/A	4.015	PK
2			5850.000	69.995	65.938	-8.205	78.200	4.058	PK
3			5860.000	67.268	63.205	-6.732	74.000	4.064	PK
4			5866.038	68.149	64.072	-5.851	74.000	4.077	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

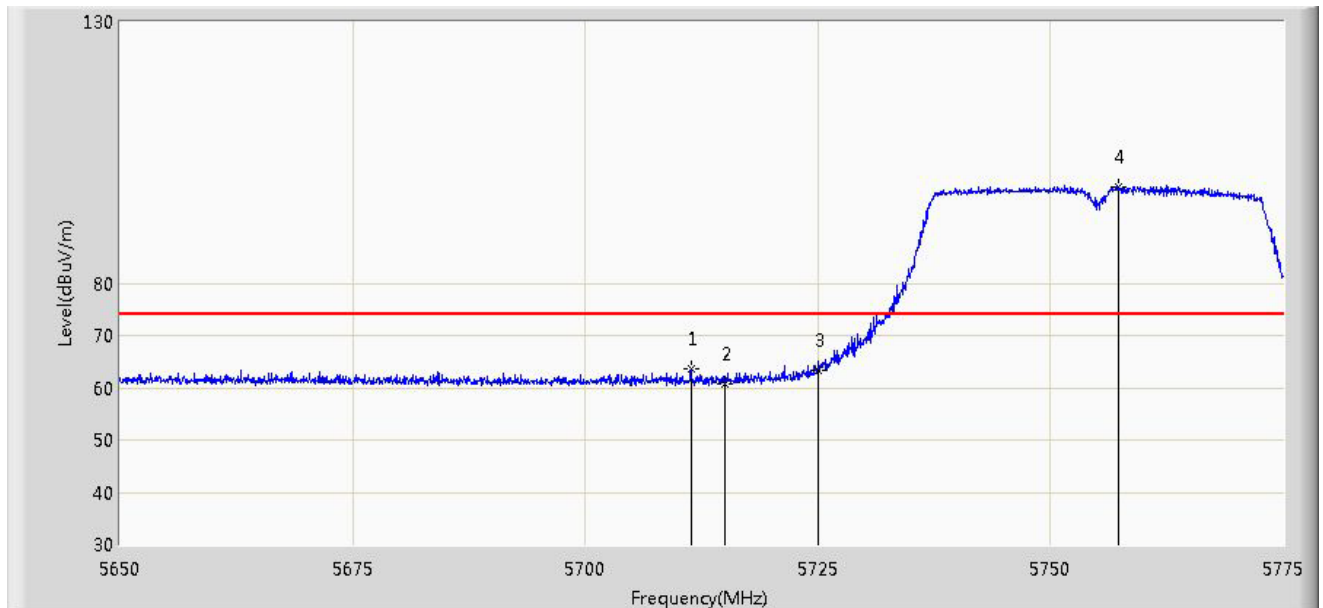


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.268	104.110	100.090	N/A	N/A	4.020	AV
2			5860.000	53.180	49.117	-0.820	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

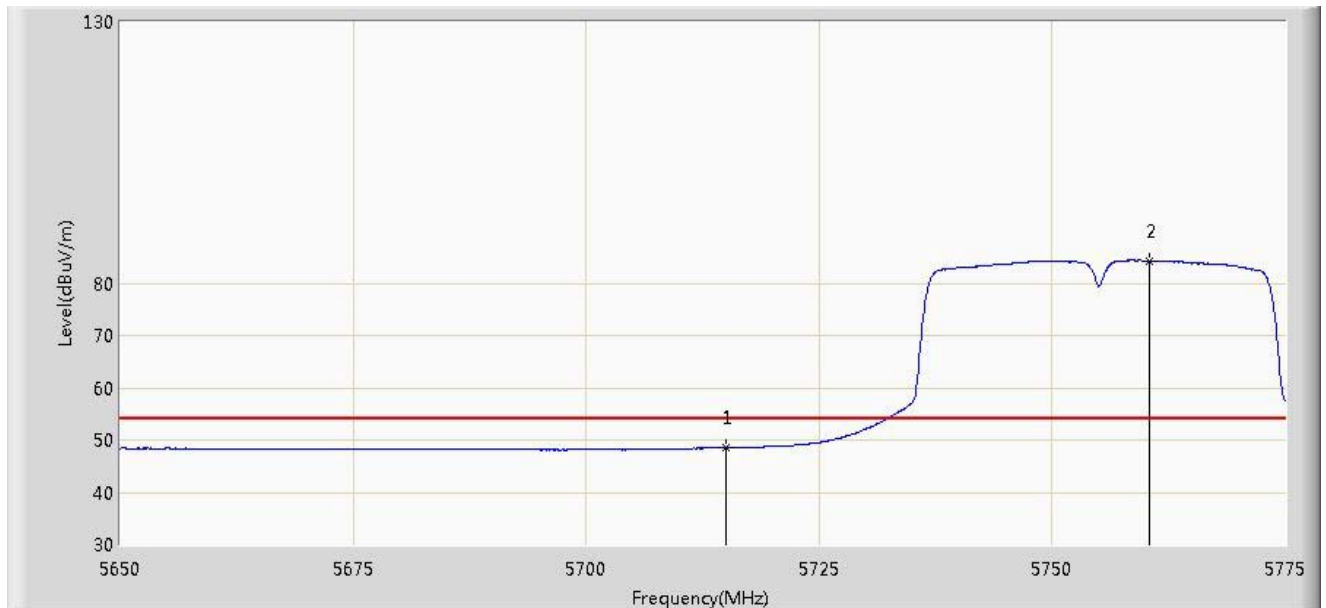


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.375	63.580	59.830	-10.420	74.000	3.750	PK
2			5715.000	60.744	56.983	-13.256	74.000	3.761	PK
3			5725.000	63.409	59.618	-14.791	78.200	3.791	PK
4		*	5757.312	98.435	94.537	N/A	N/A	3.898	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

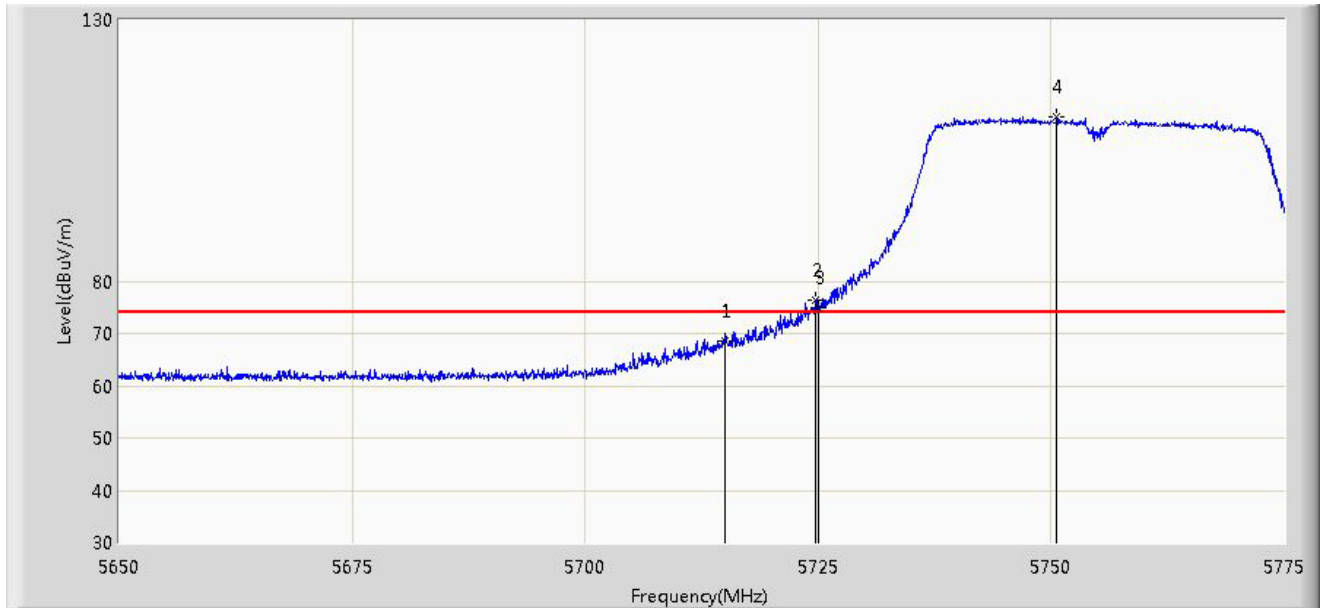


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	48.513	44.752	-5.487	54.000	3.761	AV
2		*	5760.375	84.271	80.365	N/A	N/A	3.906	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

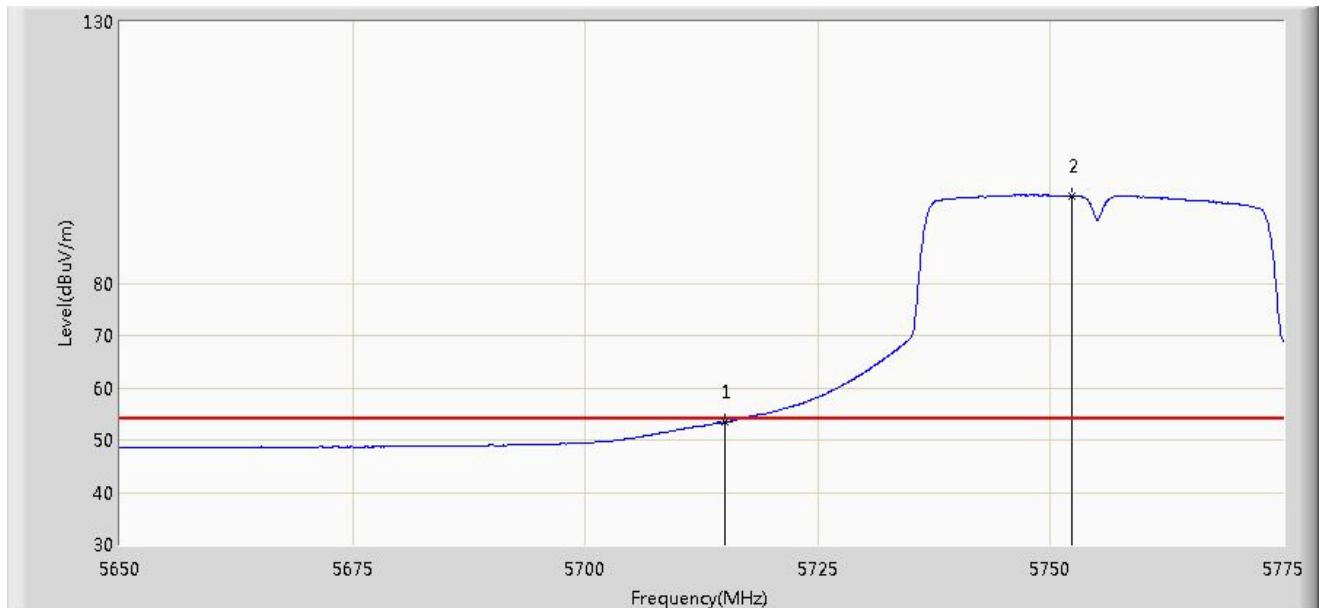


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.582	64.821	-5.418	74.000	3.761	PK
2			5724.687	76.349	72.559	-1.851	78.200	3.790	PK
3			5725.000	74.891	71.100	-3.309	78.200	3.791	PK
4		*	5750.562	111.310	107.437	N/A	N/A	3.873	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

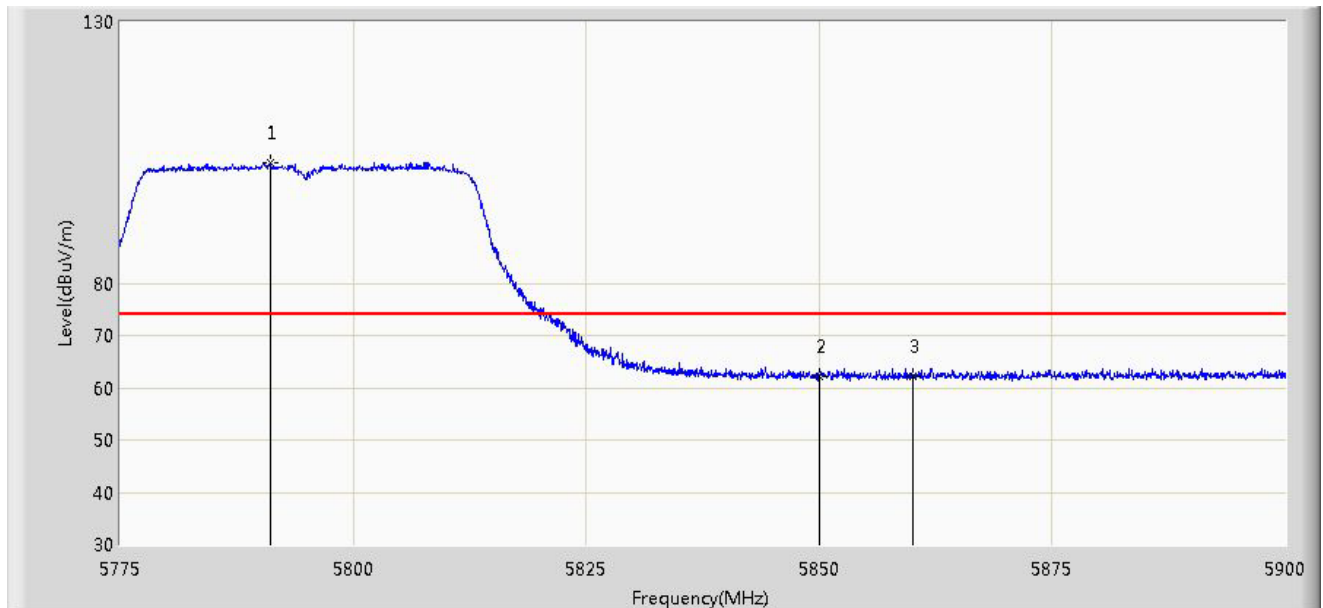


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.384	49.623	-0.616	54.000	3.761	AV
2		*	5752.250	96.640	92.760	N/A	N/A	3.880	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

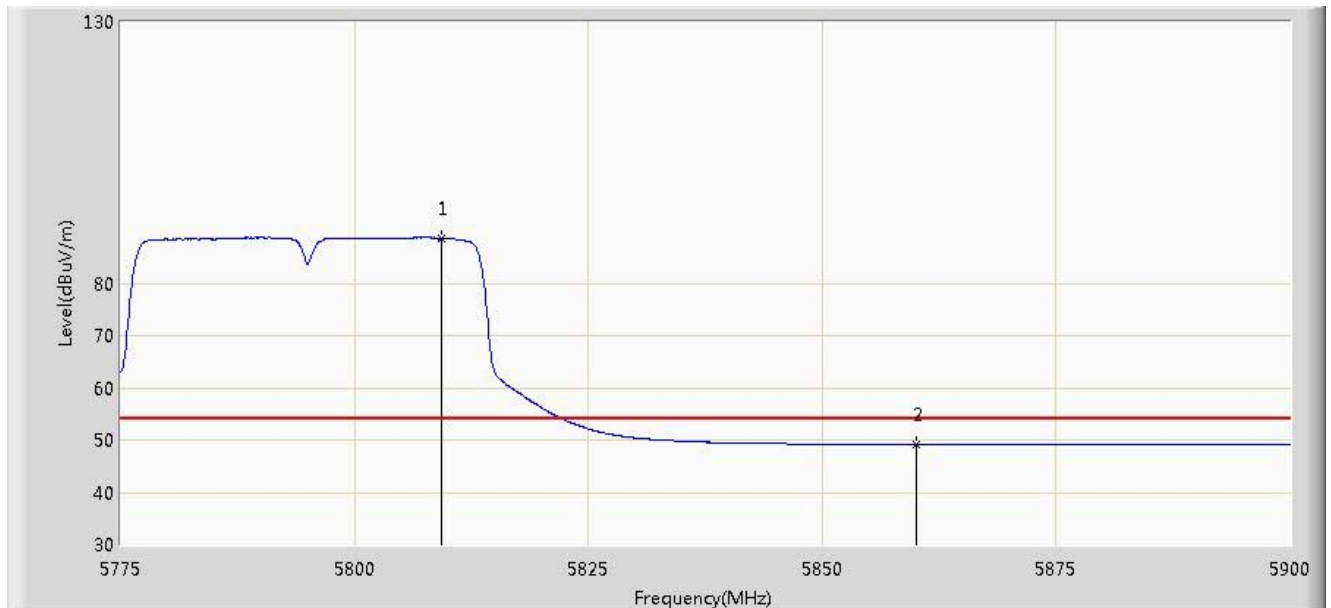


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.062	102.948	99.001	N/A	N/A	3.947	PK
2			5850.000	62.107	58.050	-16.093	78.200	4.058	PK
3			5860.000	62.268	58.205	-11.732	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

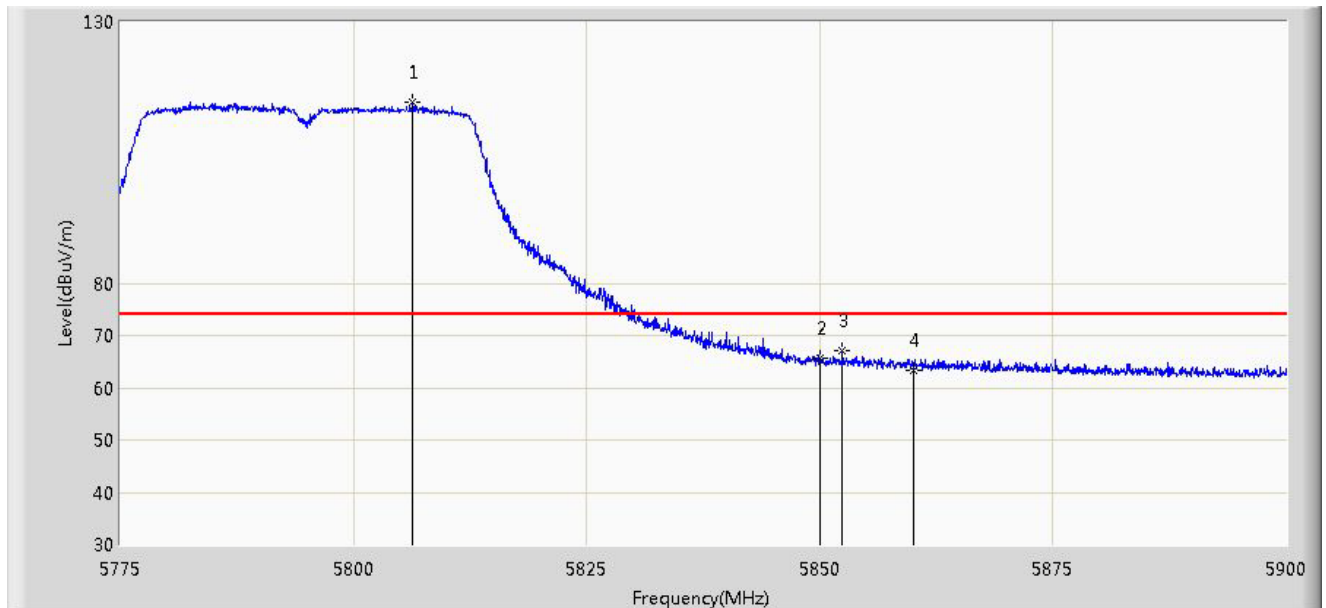


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5809.312	88.599	84.628	N/A	N/A	3.971	AV
2			5860.000	49.039	44.976	-4.961	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

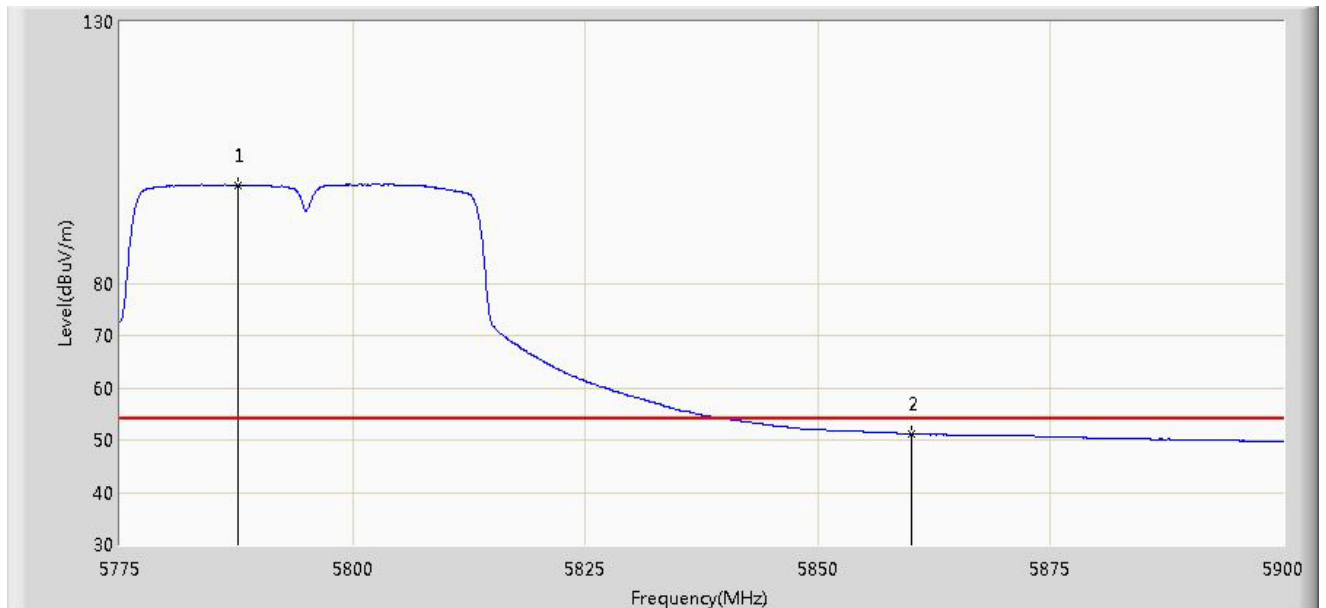


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5806.375	114.663	110.695	N/A	N/A	3.968	PK
2			5850.000	65.793	61.736	-12.407	78.200	4.058	PK
3			5852.437	66.983	62.924	-11.217	78.200	4.058	PK
4			5860.000	63.203	59.140	-10.797	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

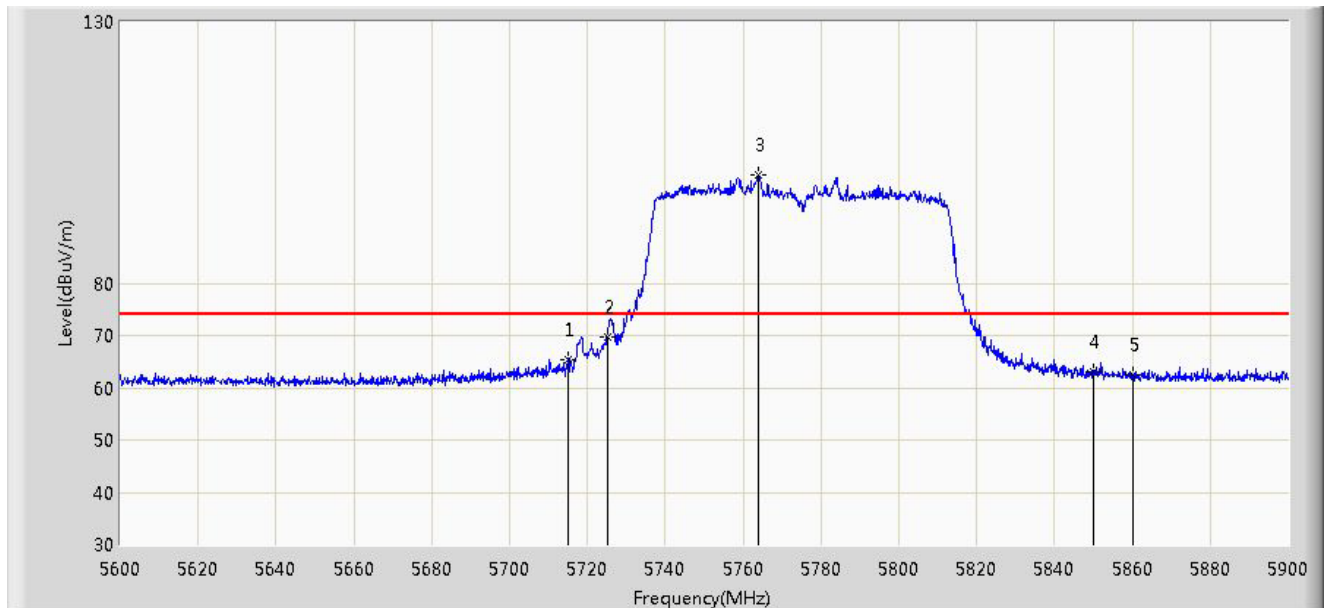


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.625	98.812	94.871	N/A	N/A	3.941	AV
2			5860.000	51.227	47.164	-2.773	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

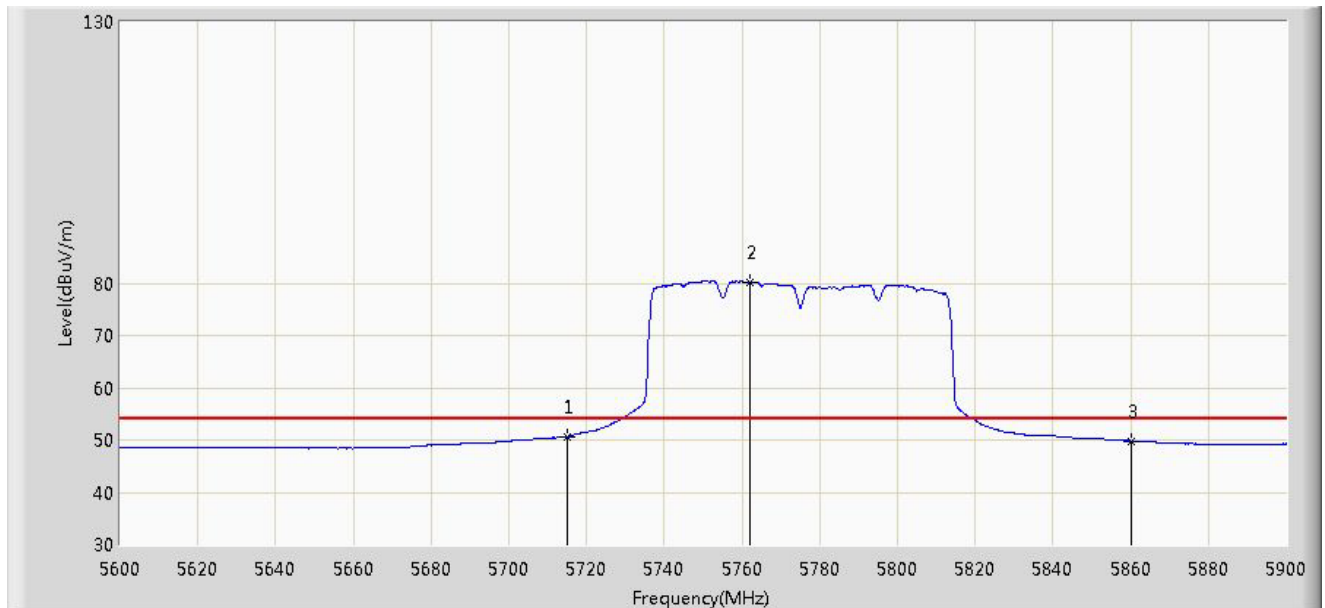


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	65.280	61.519	-8.720	74.000	3.761	PK
2			5725.000	69.780	65.989	-8.420	78.200	3.791	PK
3		*	5763.800	100.663	96.754	N/A	N/A	3.910	PK
4			5850.000	63.101	59.044	-15.099	78.200	4.058	PK
5			5860.000	62.367	58.304	-11.633	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

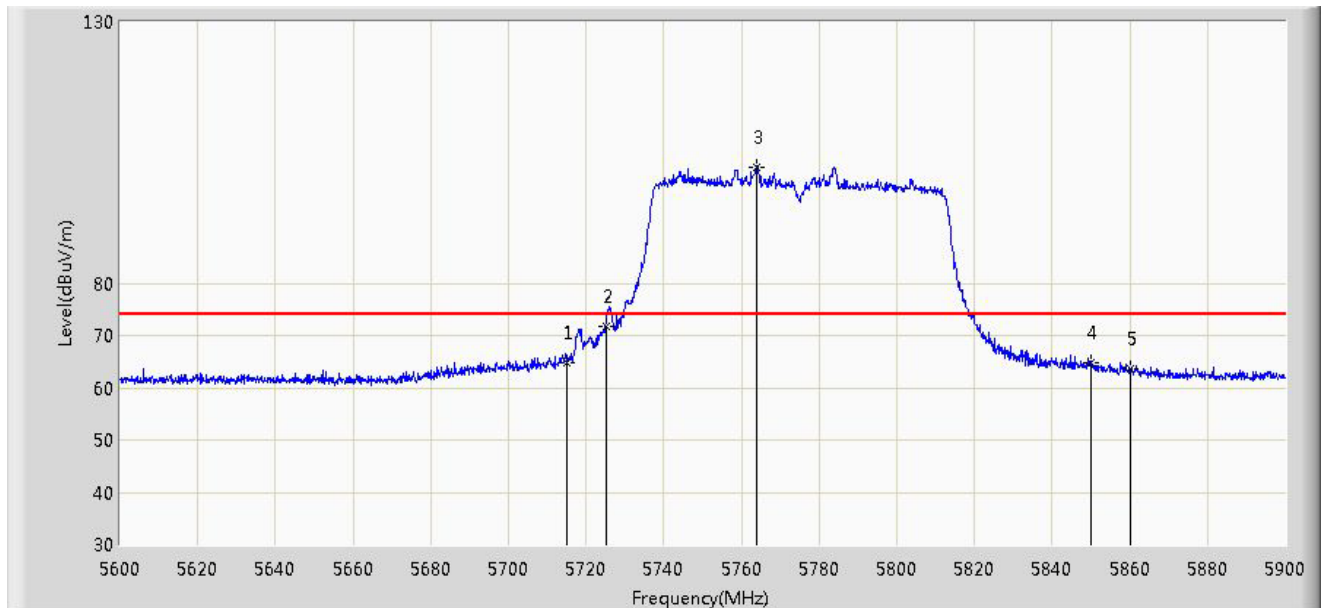


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.621	46.860	-3.379	54.000	3.761	AV
2		*	5762.000	80.161	76.253	N/A	N/A	3.908	AV
3			5860.000	49.835	45.772	-4.165	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

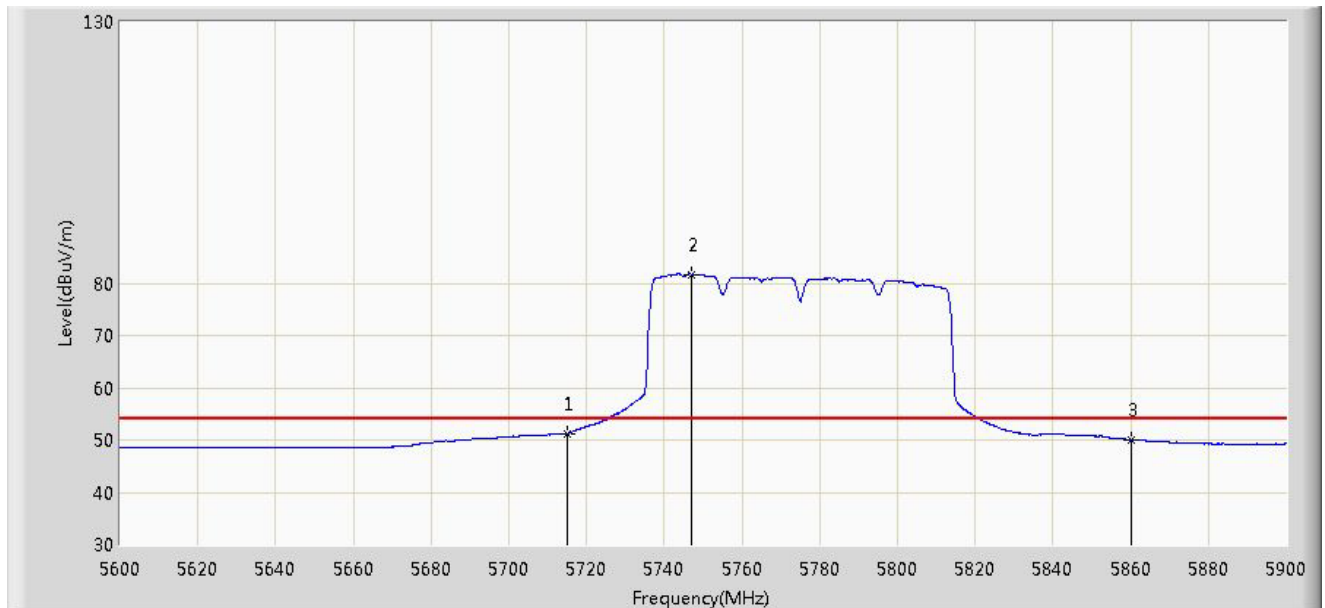


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.687	60.926	-9.313	74.000	3.761	PK
2			5725.000	71.690	67.899	-6.510	78.200	3.791	PK
3		*	5763.800	102.216	98.307	N/A	N/A	3.910	PK
4			5850.000	64.903	60.846	-13.297	78.200	4.058	PK
5			5860.000	63.533	59.470	-10.467	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

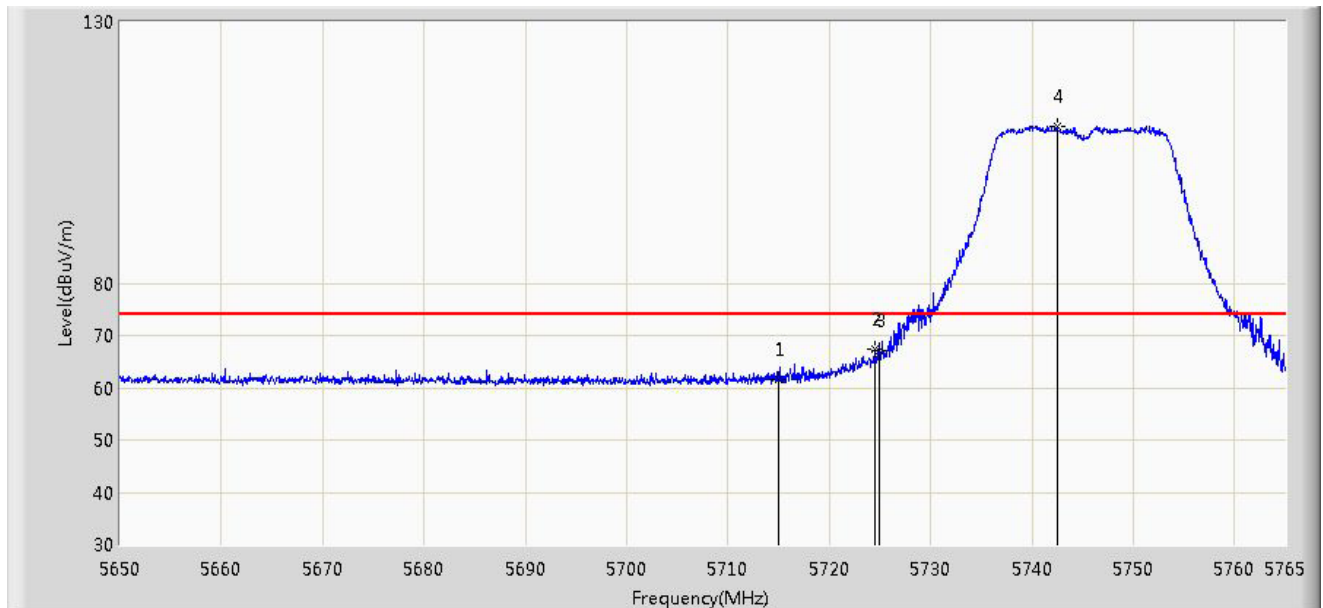


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.209	47.448	-2.791	54.000	3.761	AV
2		*	5746.850	81.729	77.869	N/A	N/A	3.859	AV
3			5860.000	50.045	45.982	-3.955	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/03 - 18:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

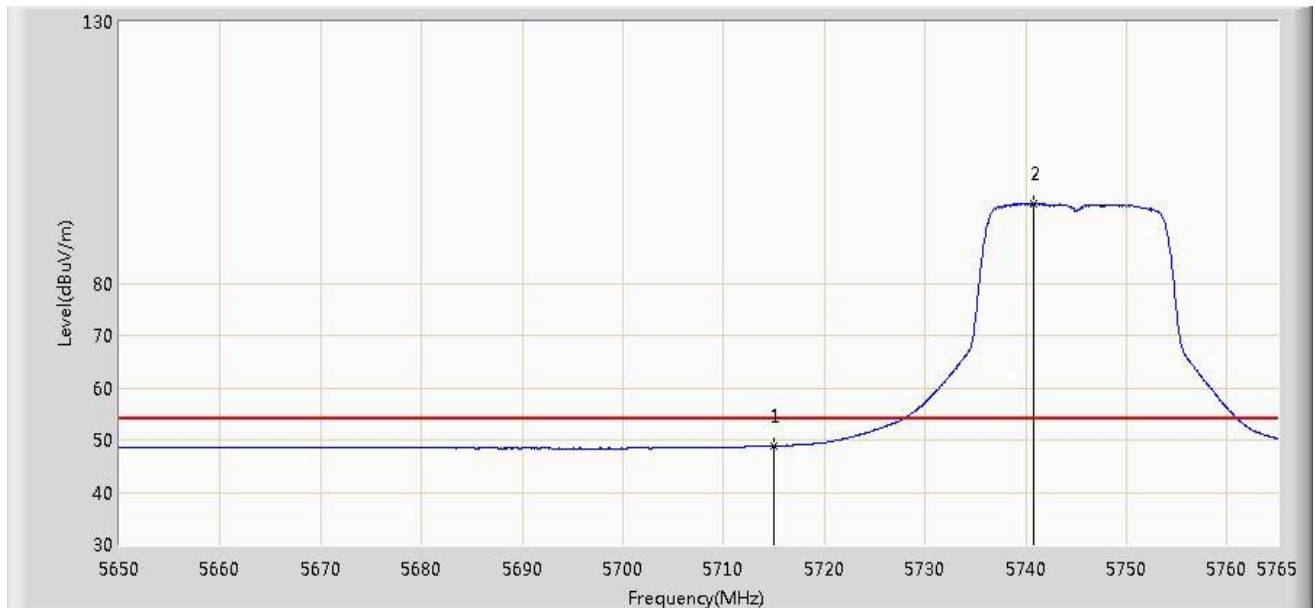


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	61.501	57.740	-12.499	74.000	3.761	PK
2			5724.520	67.340	63.551	-10.860	78.200	3.790	PK
3			5725.000	67.151	63.360	-11.049	78.200	3.791	PK
4		*	5742.518	110.021	106.177	N/A	N/A	3.844	PK

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

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

Site: AC1	Time: 2015/05/03 - 18:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

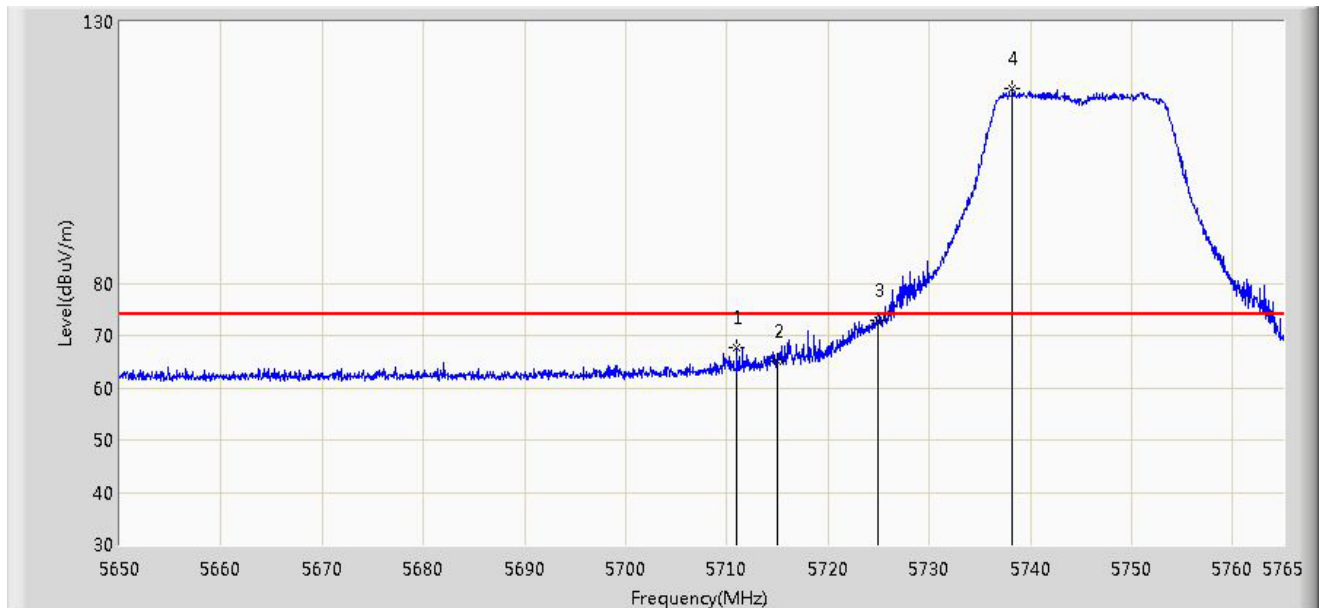


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	48.844	45.083	-5.156	54.000	3.761	AV
2		*	5740.792	95.195	91.356	N/A	N/A	3.839	AV

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

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

Site: AC1	Time: 2015/05/03 - 18:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

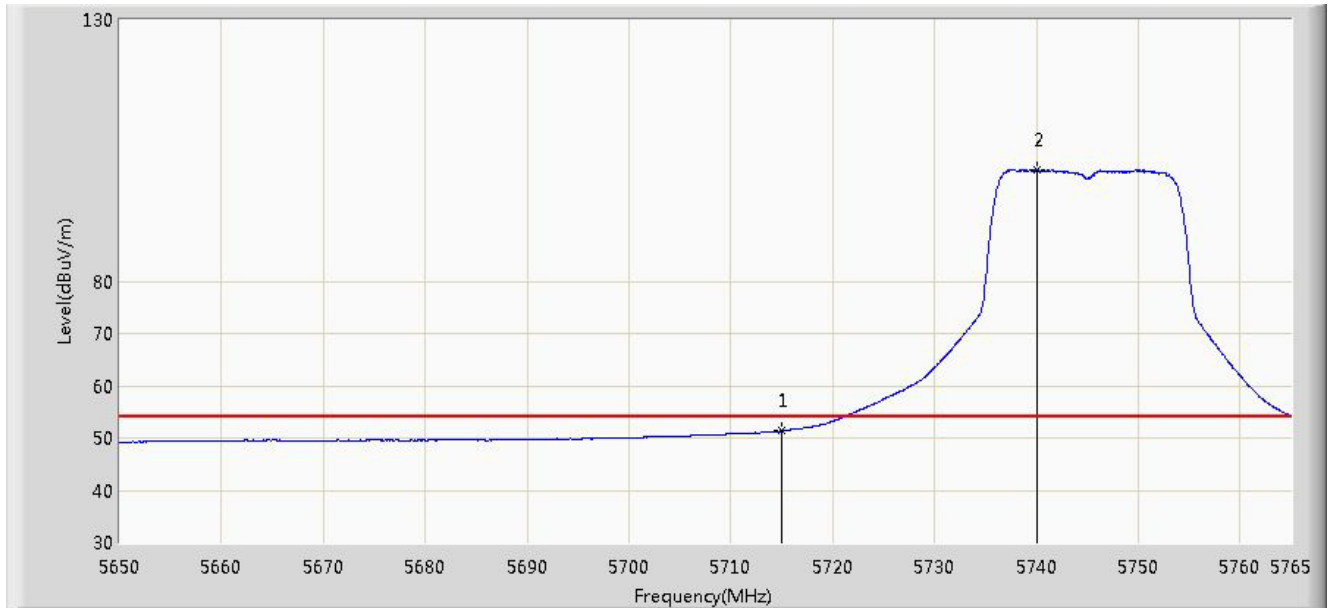


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5710.950	67.682	63.933	-6.318	74.000	3.748	PK
2			5715.000	65.186	61.425	-8.814	74.000	3.761	PK
3			5725.000	72.824	69.033	-5.376	78.200	3.791	PK
4		*	5738.263	117.108	113.276	N/A	N/A	3.833	PK

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

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

Site: AC1	Time: 2015/05/03 - 18:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1	

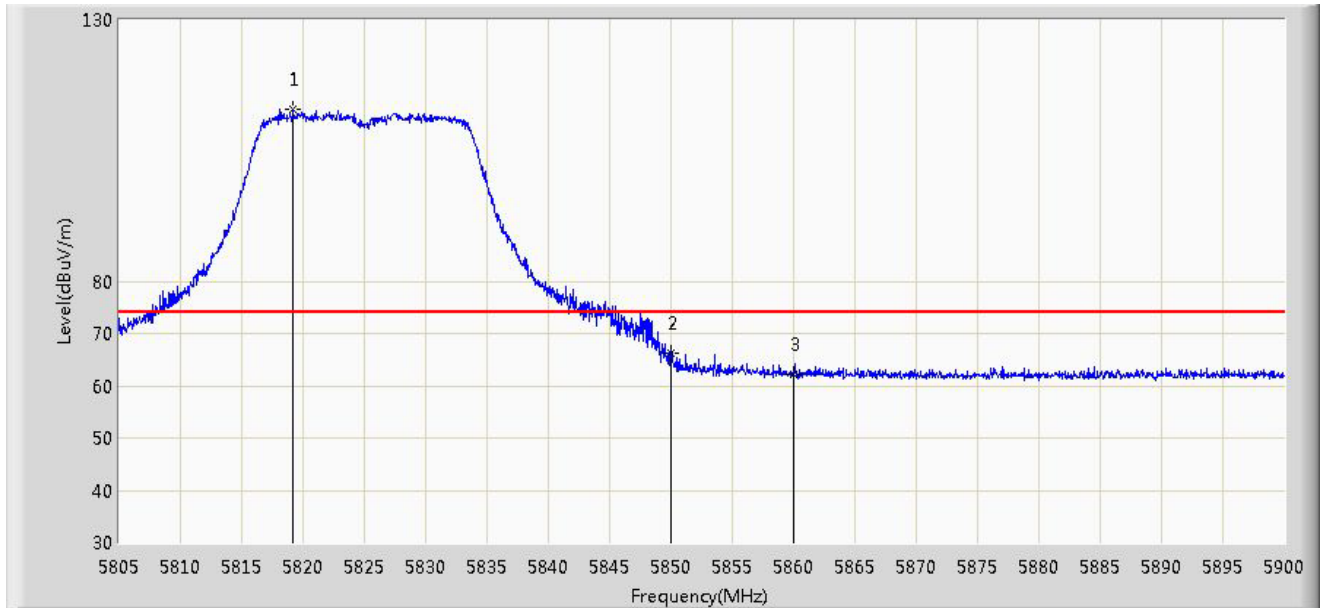


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.379	47.618	-2.621	54.000	3.761	AV
2		*	5740.103	101.290	97.453	N/A	N/A	3.837	AV

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

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

Site: AC1	Time: 2015/05/03 - 18:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

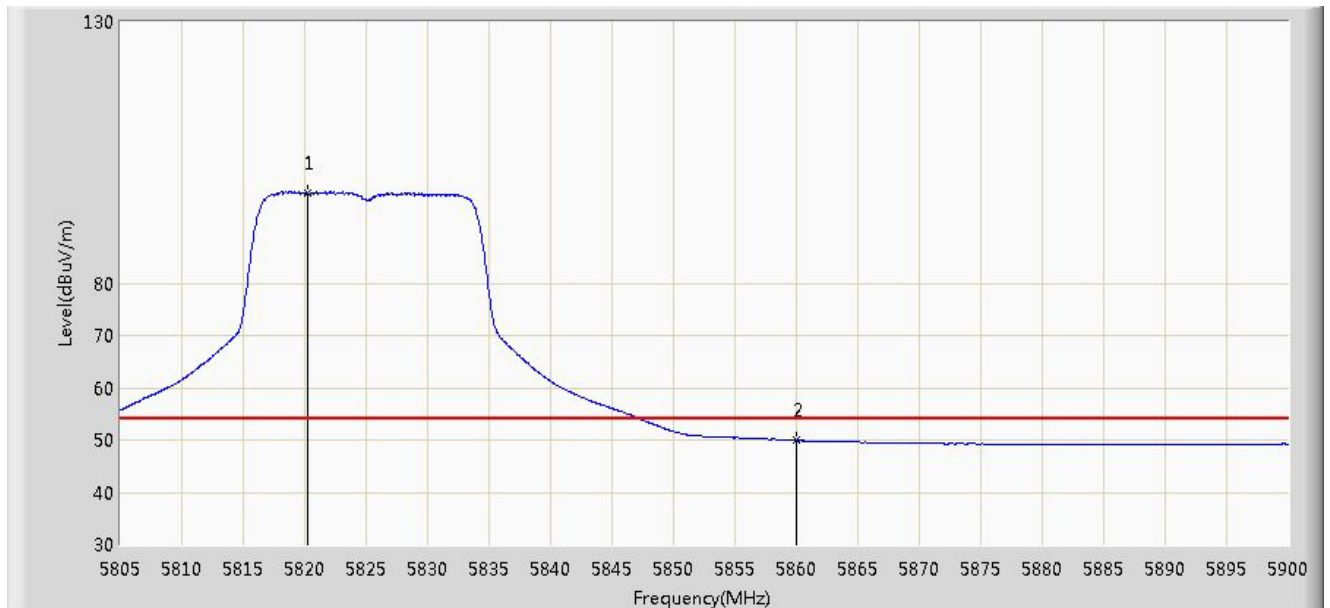


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.203	112.889	108.897	N/A	N/A	3.992	PK
2			5850.000	66.285	62.228	-11.915	78.200	4.058	PK
3			5860.000	62.117	58.054	-11.883	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/03 - 18:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

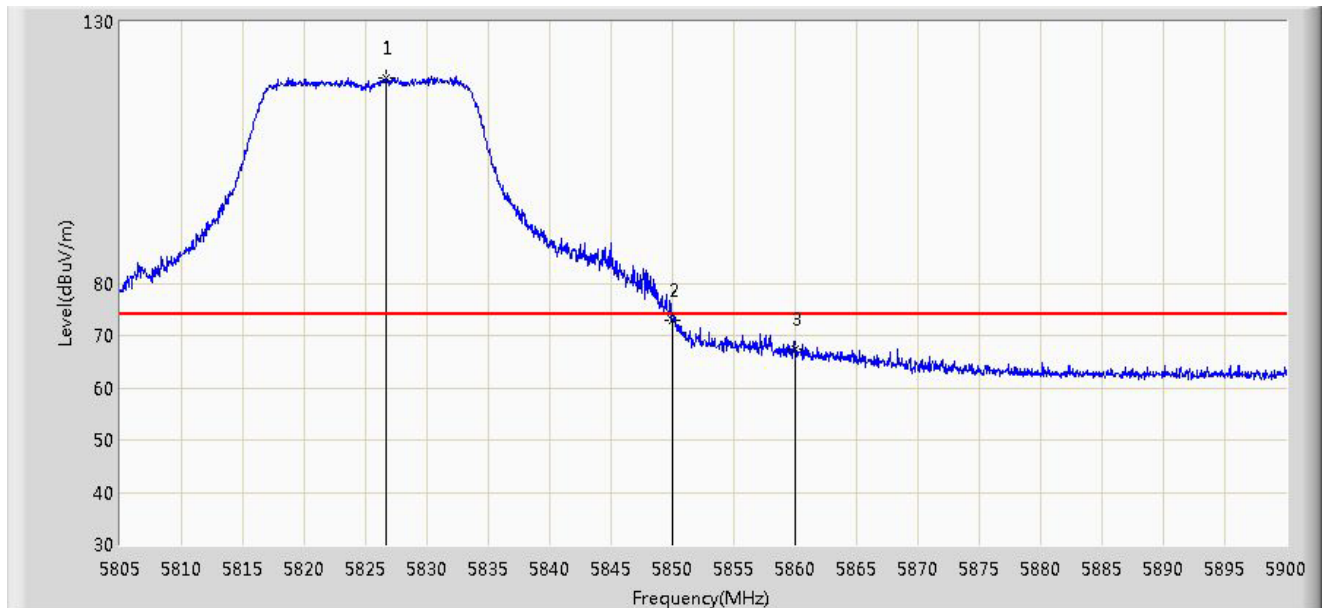


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.248	97.244	93.250	N/A	N/A	3.995	AV
2			5860.000	49.890	45.827	-4.110	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/03 - 18:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

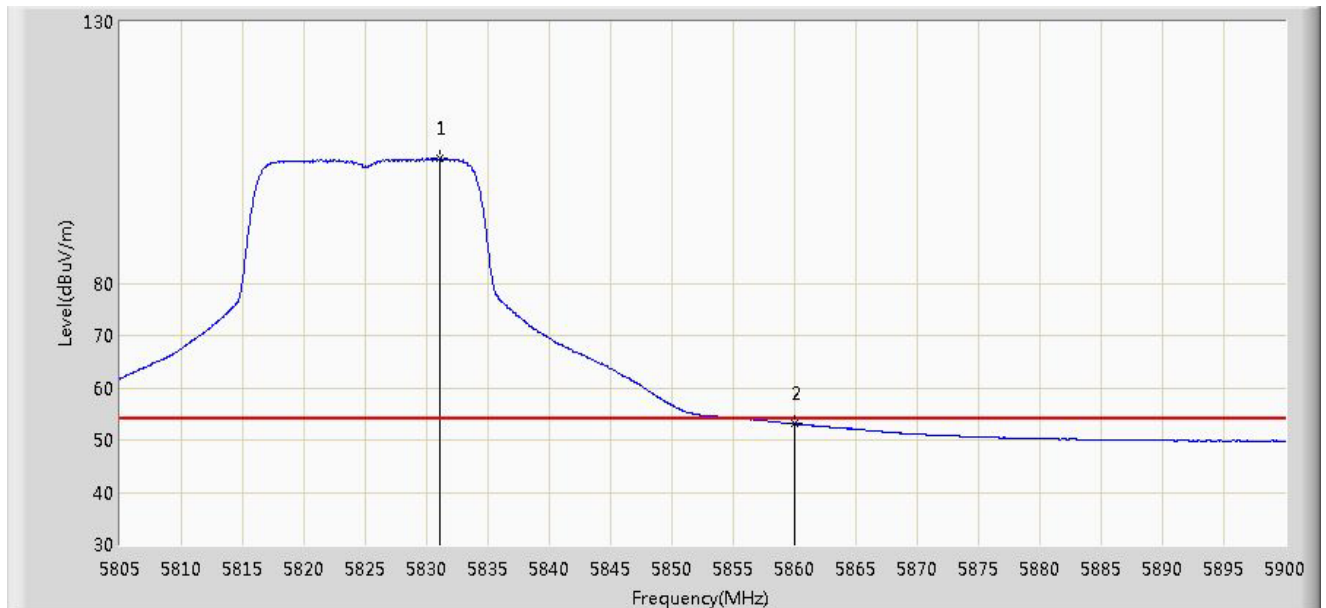


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.708	119.406	115.397	N/A	N/A	4.009	PK
2			5850.000	72.990	68.933	-5.210	78.200	4.058	PK
3			5860.000	67.348	63.285	-6.652	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/03 - 18:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1	

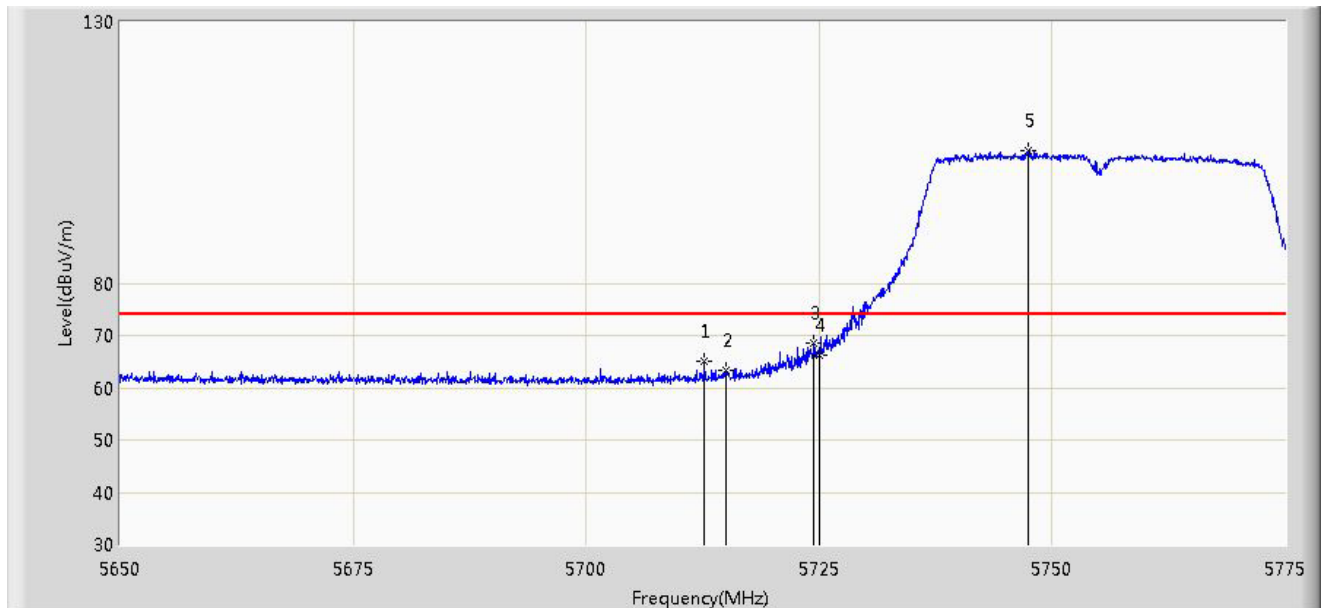


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.078	103.793	99.773	N/A	N/A	4.020	AV
2			5860.000	53.072	49.009	-0.928	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

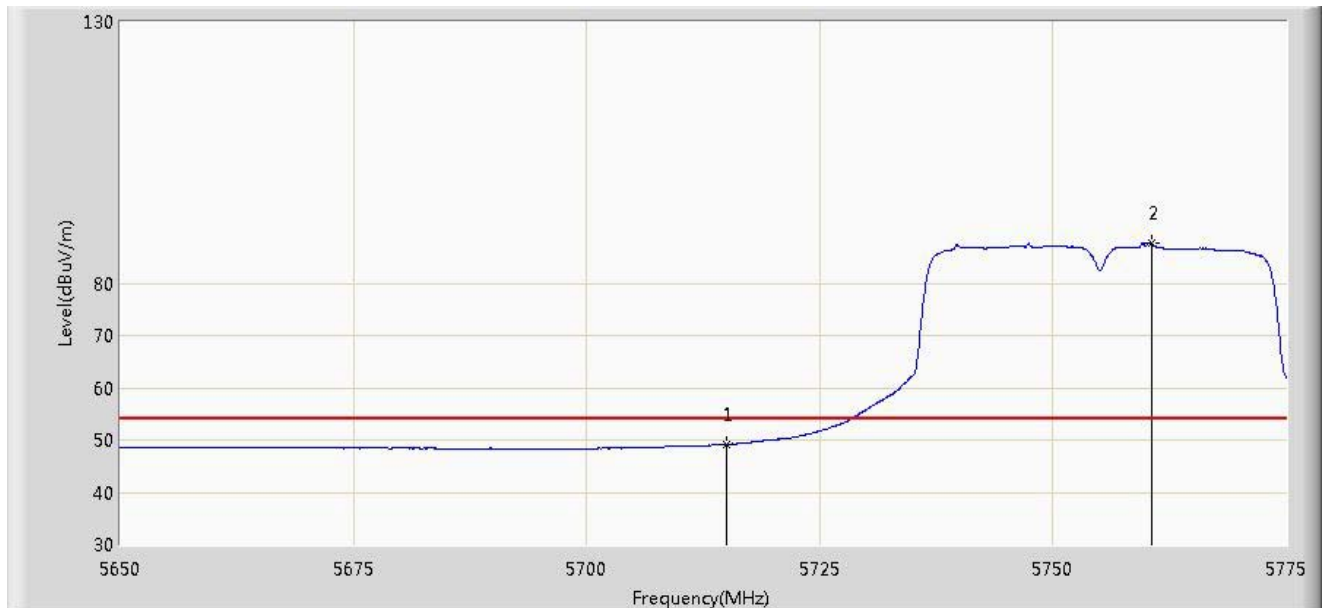


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.687	65.075	61.321	-8.925	74.000	3.754	PK
2			5715.000	63.312	59.551	-10.688	74.000	3.761	PK
3			5724.437	68.690	64.901	-9.510	78.200	3.790	PK
4			5725.000	66.284	62.493	-11.916	78.200	3.791	PK
5		*	5747.500	105.487	101.625	N/A	N/A	3.862	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

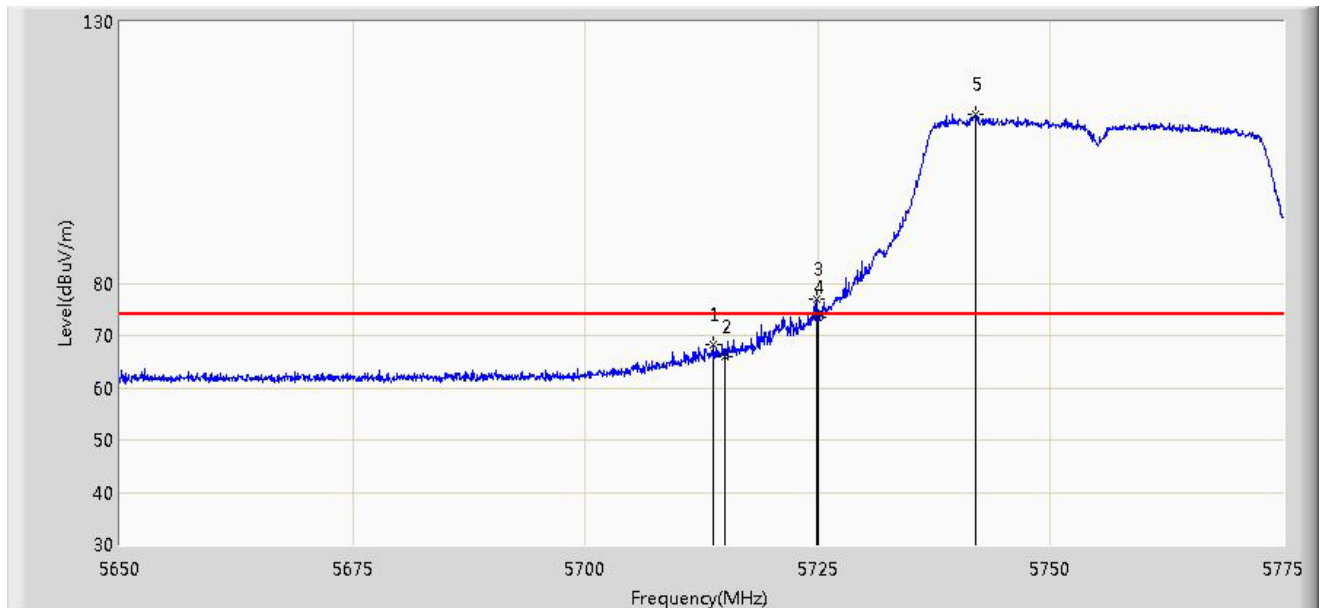


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.125	45.364	-4.875	54.000	3.761	AV
2		*	5760.562	87.806	83.899	N/A	N/A	3.907	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

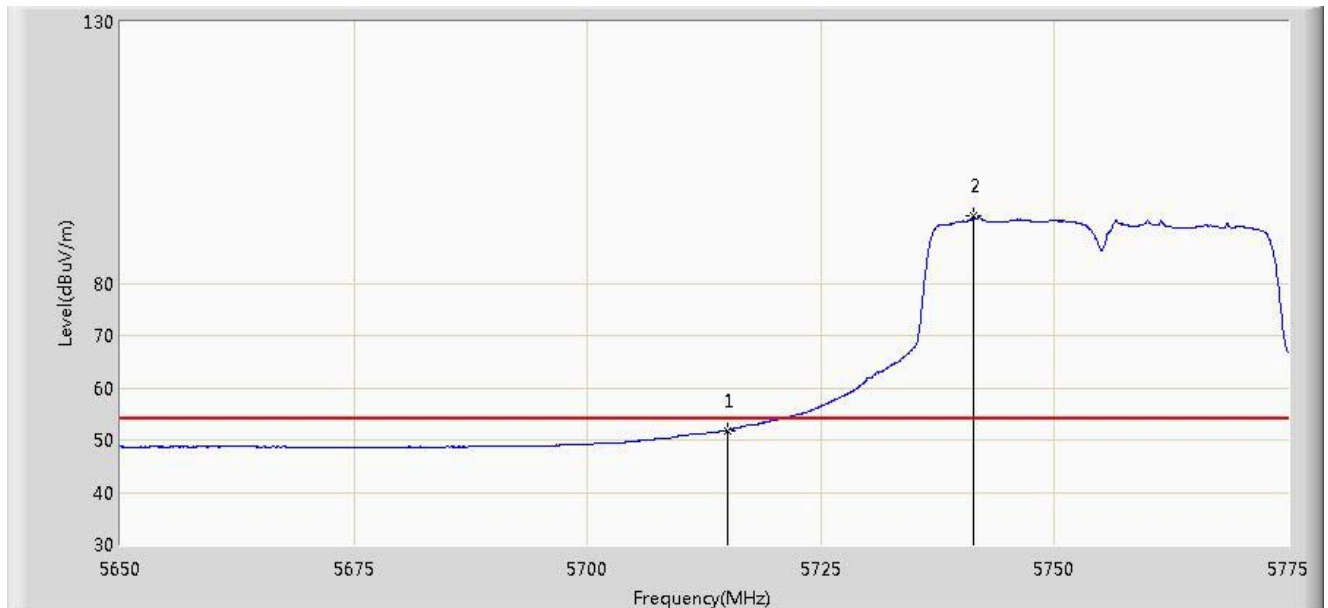


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.687	68.130	64.373	-5.870	74.000	3.757	PK
2			5715.000	66.002	62.241	-7.998	74.000	3.761	PK
3			5724.812	76.885	73.095	-1.315	78.200	3.790	PK
4			5725.000	73.425	69.634	-4.775	78.200	3.791	PK
5		*	5742.000	112.304	108.462	N/A	N/A	3.843	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1	

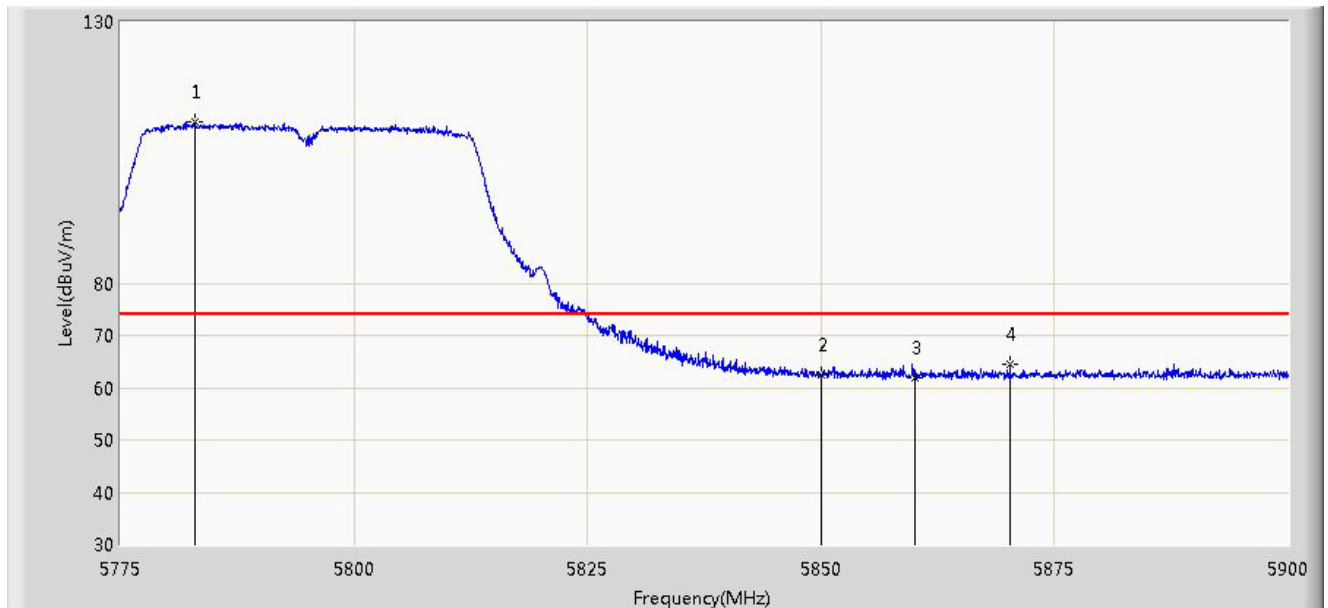


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.858	48.097	-2.142	54.000	3.761	AV
2		*	5741.312	92.903	89.062	N/A	N/A	3.841	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

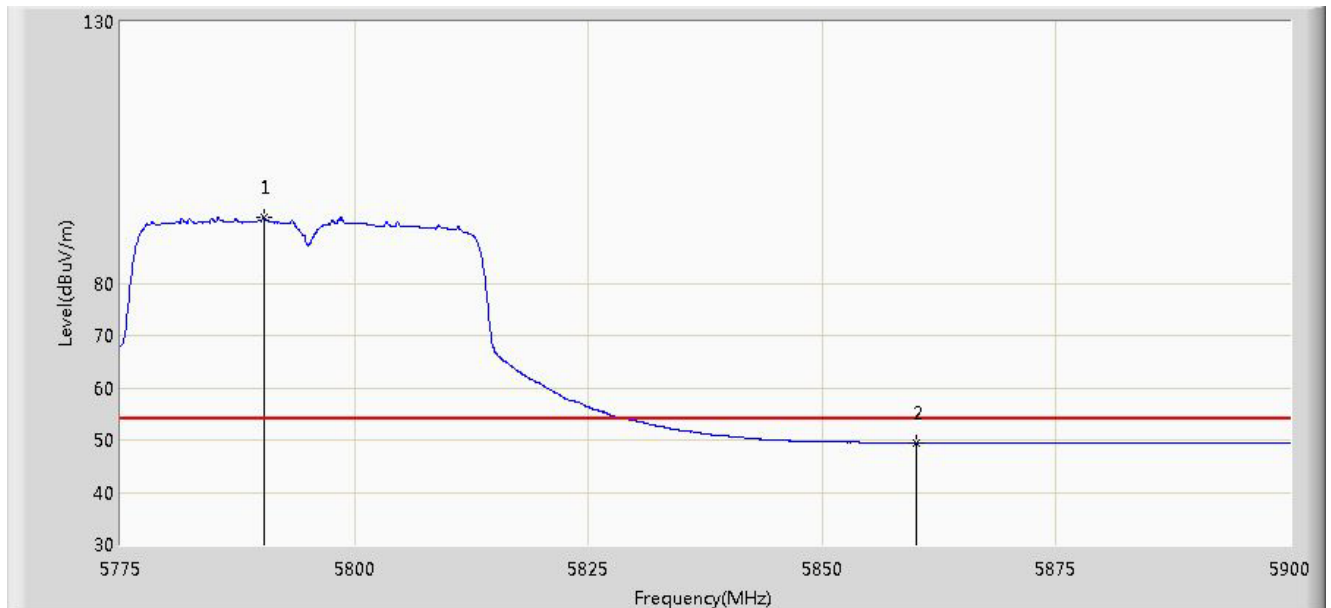


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.062	110.946	107.014	N/A	N/A	3.932	PK
2			5850.000	62.443	58.386	-15.757	78.200	4.058	PK
3			5860.000	61.972	57.909	-12.028	74.000	4.064	PK
4			5870.250	64.406	60.316	-9.594	74.000	4.090	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

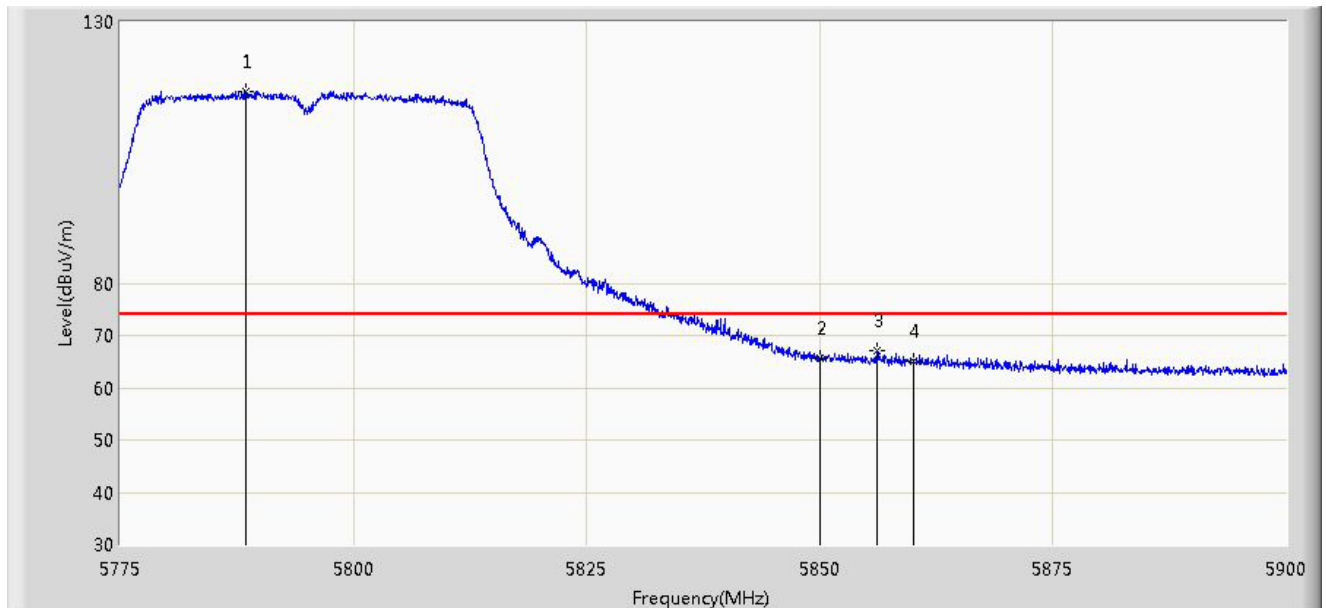


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.312	92.667	88.721	N/A	N/A	3.946	AV
2			5860.000	49.465	45.402	-4.535	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 11:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

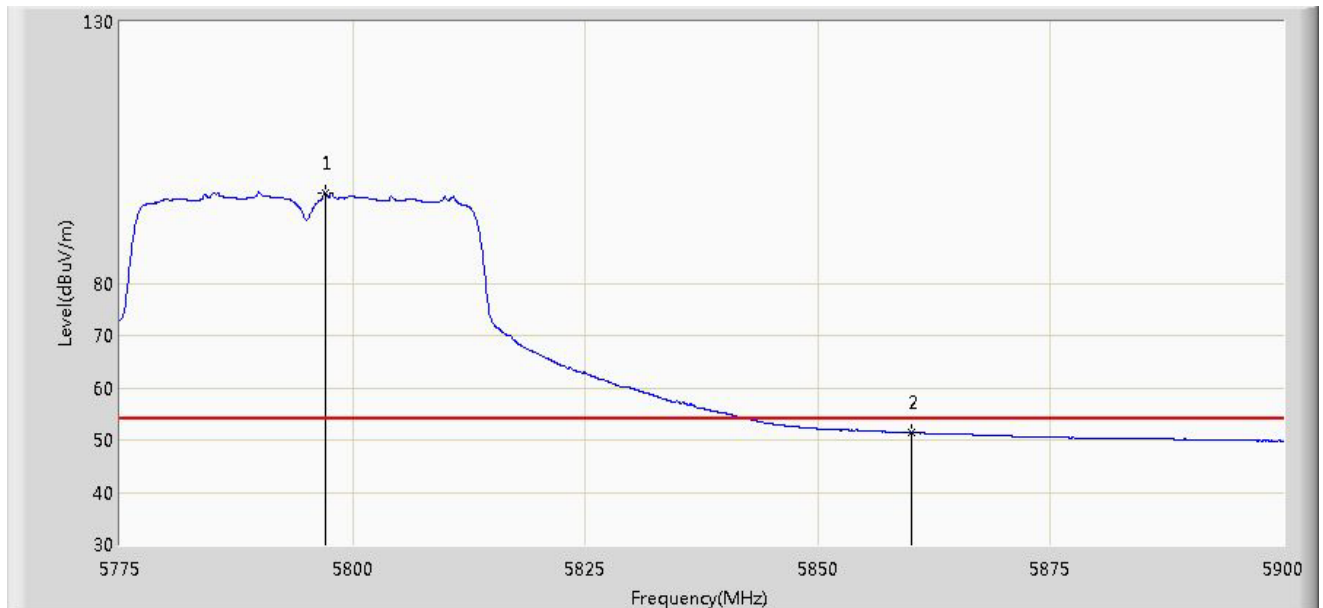


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.500	116.802	112.860	N/A	N/A	3.942	PK
2			5850.000	65.771	61.714	-12.429	78.200	4.058	PK
3			5856.187	67.024	62.963	-11.176	78.200	4.061	PK
4			5860.000	65.088	61.025	-8.912	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1	

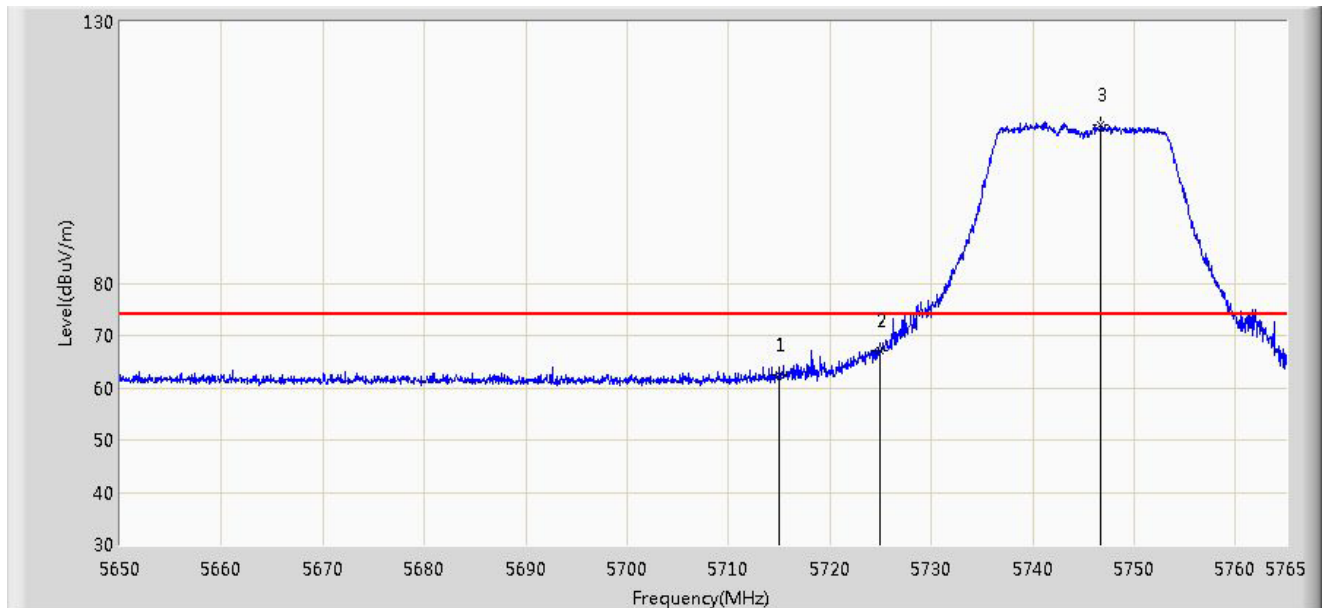


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5797.062	97.248	93.291	N/A	N/A	3.957	AV
2			5860.000	51.391	47.328	-2.609	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

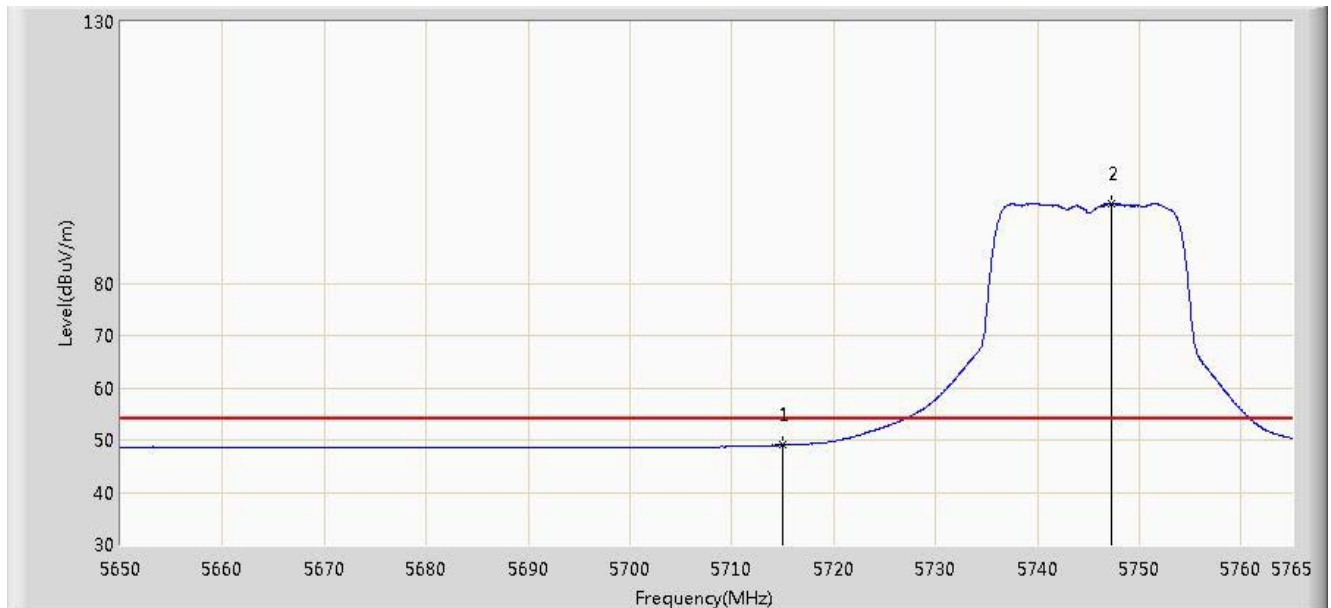


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.377	58.616	-11.623	74.000	3.761	PK
2			5725.000	67.131	63.340	-11.069	78.200	3.791	PK
3		*	5746.715	110.407	106.548	N/A	N/A	3.859	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

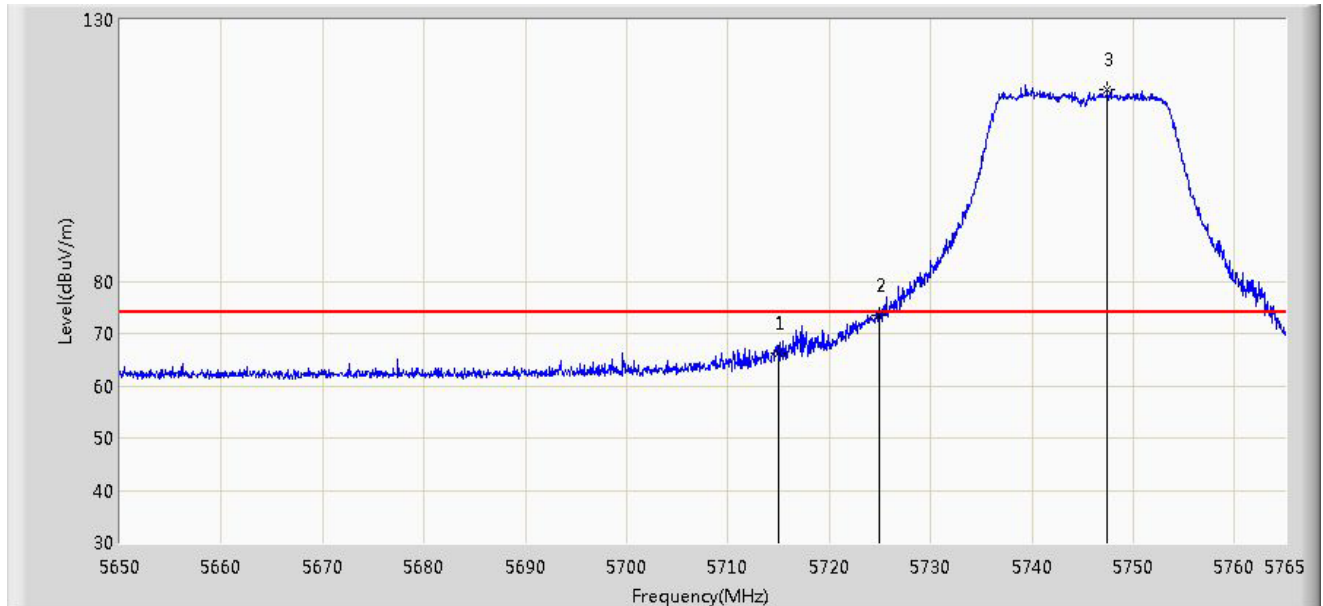


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.011	45.250	-4.989	54.000	3.761	AV
2		*	5747.232	95.179	91.318	N/A	N/A	3.862	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

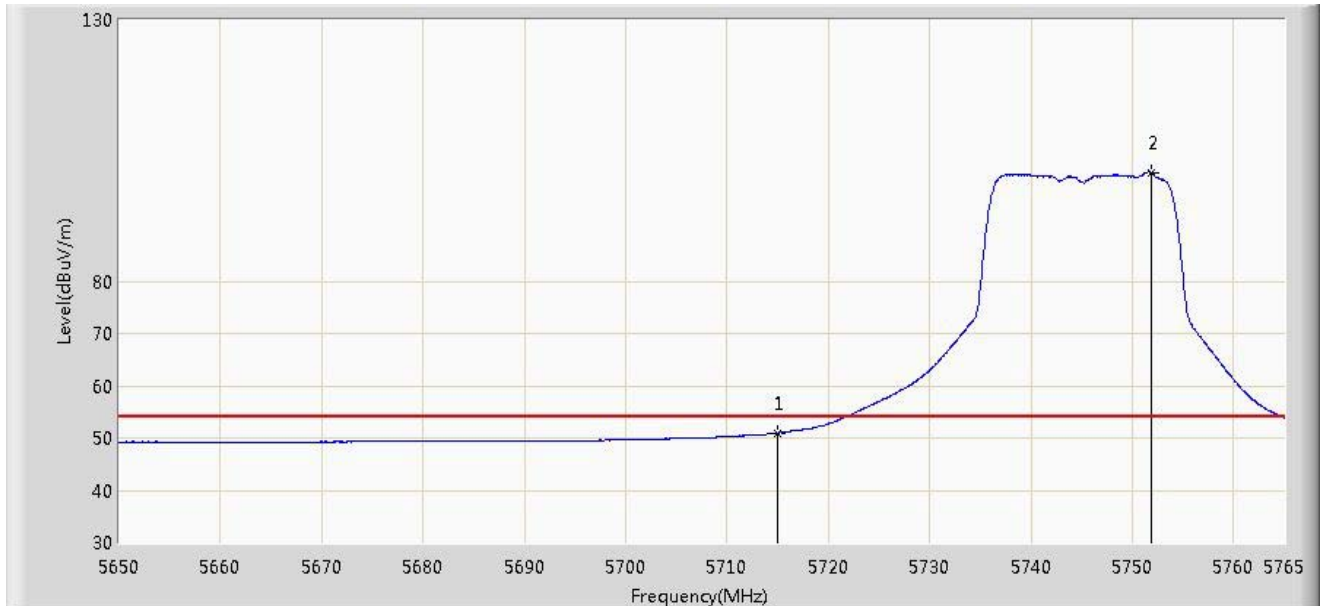


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.282	62.521	-7.718	74.000	3.761	PK
2			5725.000	73.559	69.768	-4.641	78.200	3.791	PK
3		*	5747.462	116.614	112.752	N/A	N/A	3.862	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1	

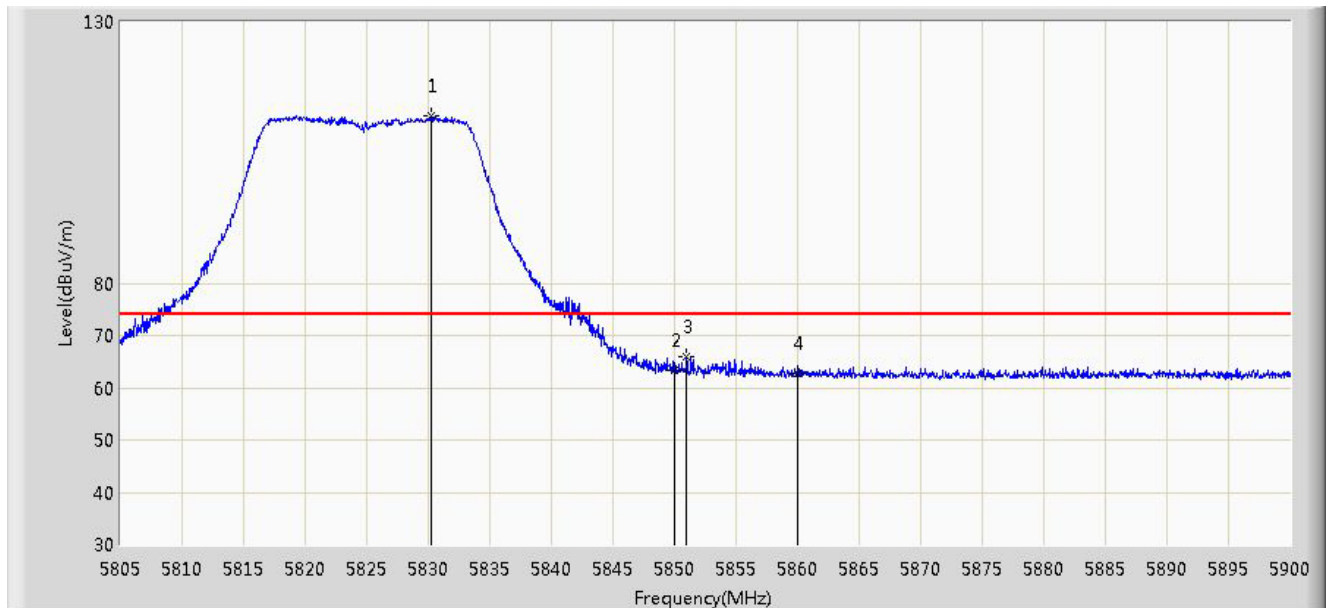


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.908	47.147	-3.092	54.000	3.761	AV
2		*	5751.890	100.734	96.856	N/A	N/A	3.879	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

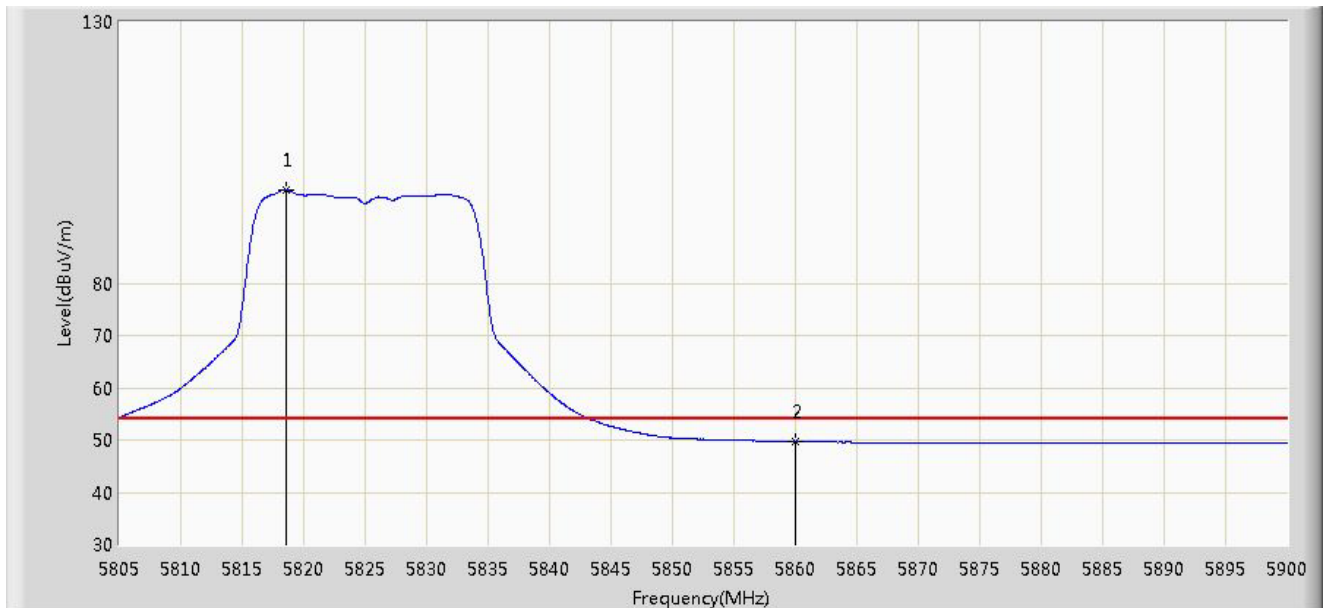


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.223	112.061	108.043	N/A	N/A	4.018	PK
2			5850.000	63.470	59.413	-14.730	78.200	4.058	PK
3			5850.980	65.987	61.929	-12.213	78.200	4.057	PK
4			5860.000	62.674	58.611	-11.326	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

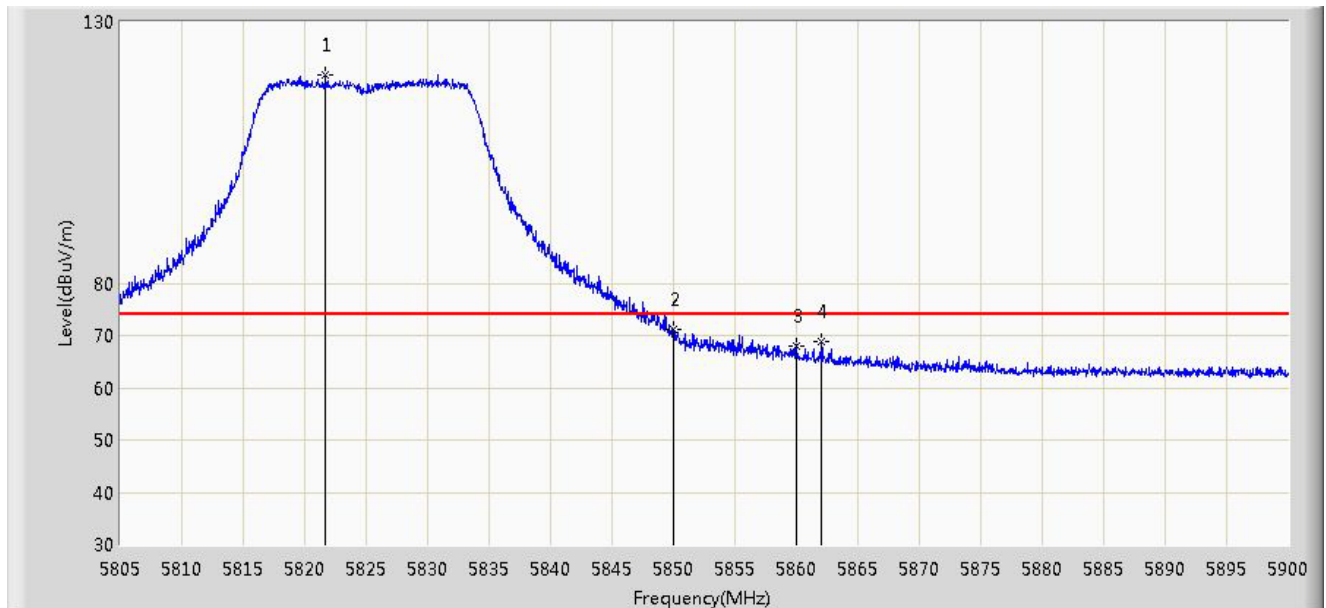


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.538	97.866	93.875	N/A	N/A	3.991	AV
2			5860.000	49.633	45.570	-4.367	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

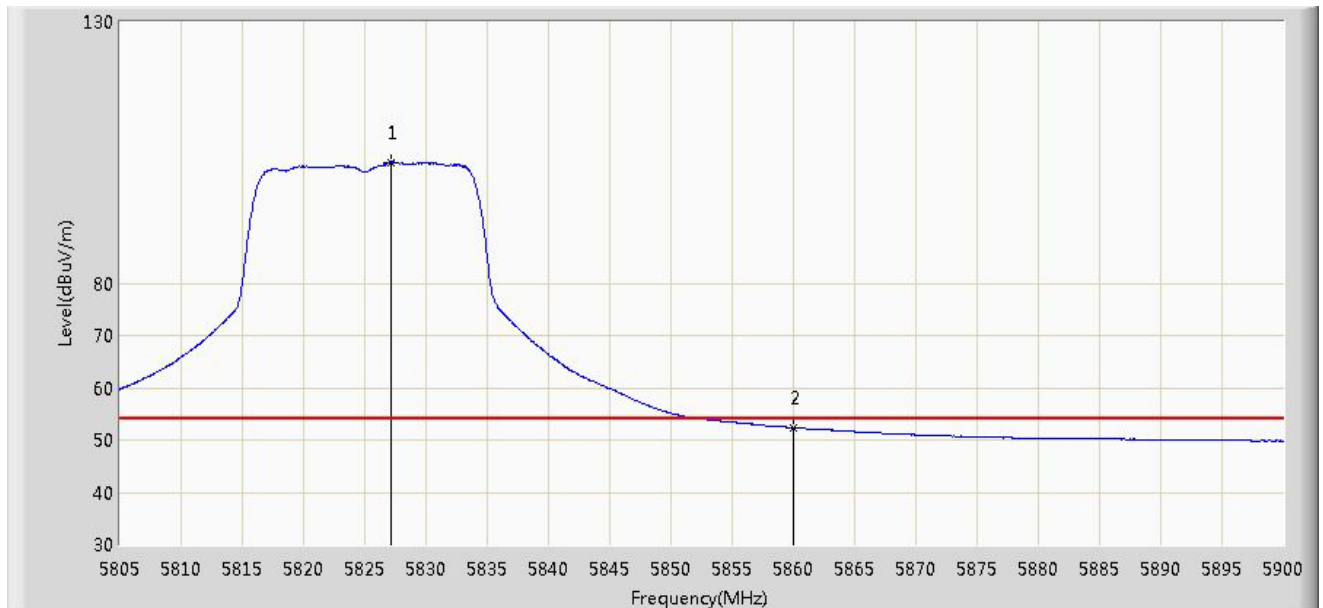


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.720	119.803	115.805	N/A	N/A	3.998	PK
2			5850.000	71.165	67.108	-7.035	78.200	4.058	PK
3			5860.000	68.061	63.998	-5.939	74.000	4.064	PK
4			5862.047	68.696	64.631	-5.304	74.000	4.065	PK

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

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

Site: AC1	Time: 2015/05/04 - 12:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1	

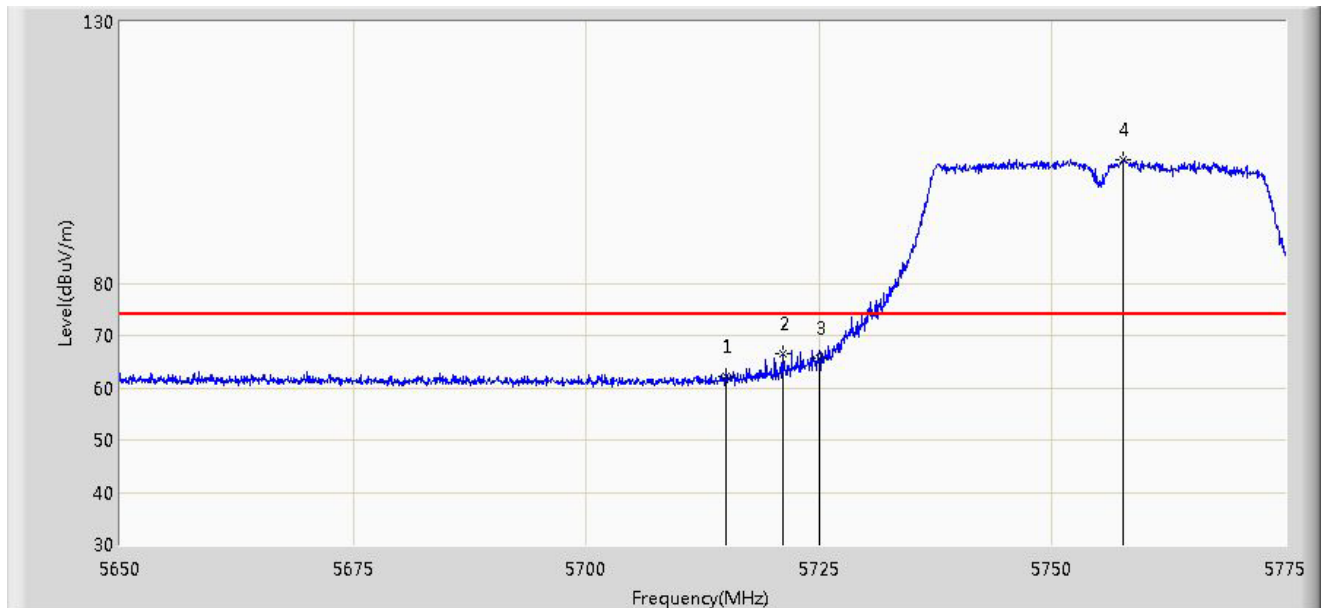


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.087	103.150	99.140	N/A	N/A	4.010	AV
2			5860.000	52.378	48.315	-1.622	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 12:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

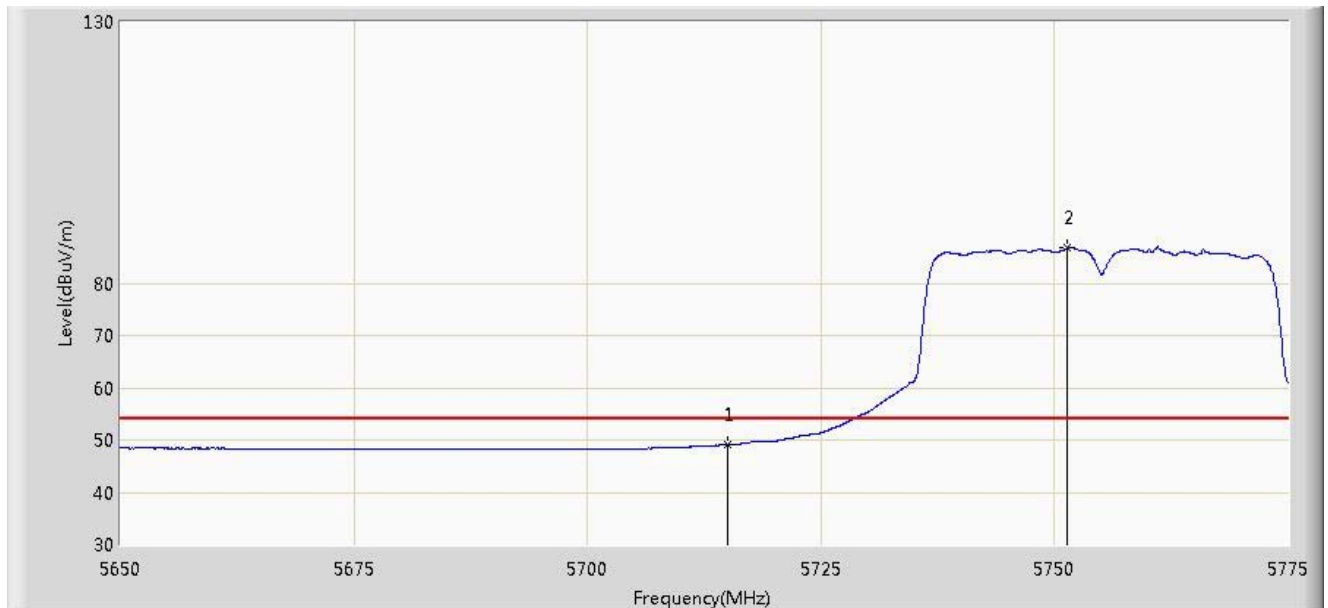


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.293	58.532	-11.707	74.000	3.761	PK
2			5721.062	66.595	62.816	-11.605	78.200	3.779	PK
3			5725.000	65.582	61.791	-12.618	78.200	3.791	PK
4		*	5757.625	103.482	99.583	N/A	N/A	3.899	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

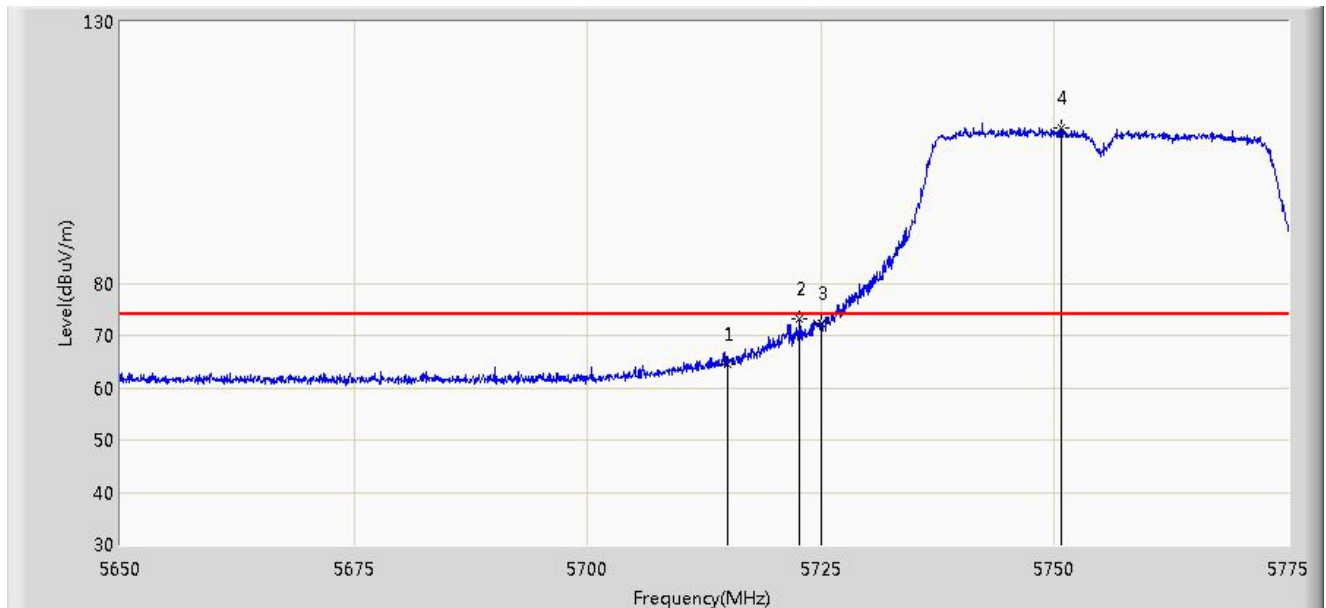


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.113	45.352	-4.887	54.000	3.761	AV
2		*	5751.375	86.734	82.857	N/A	N/A	3.876	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

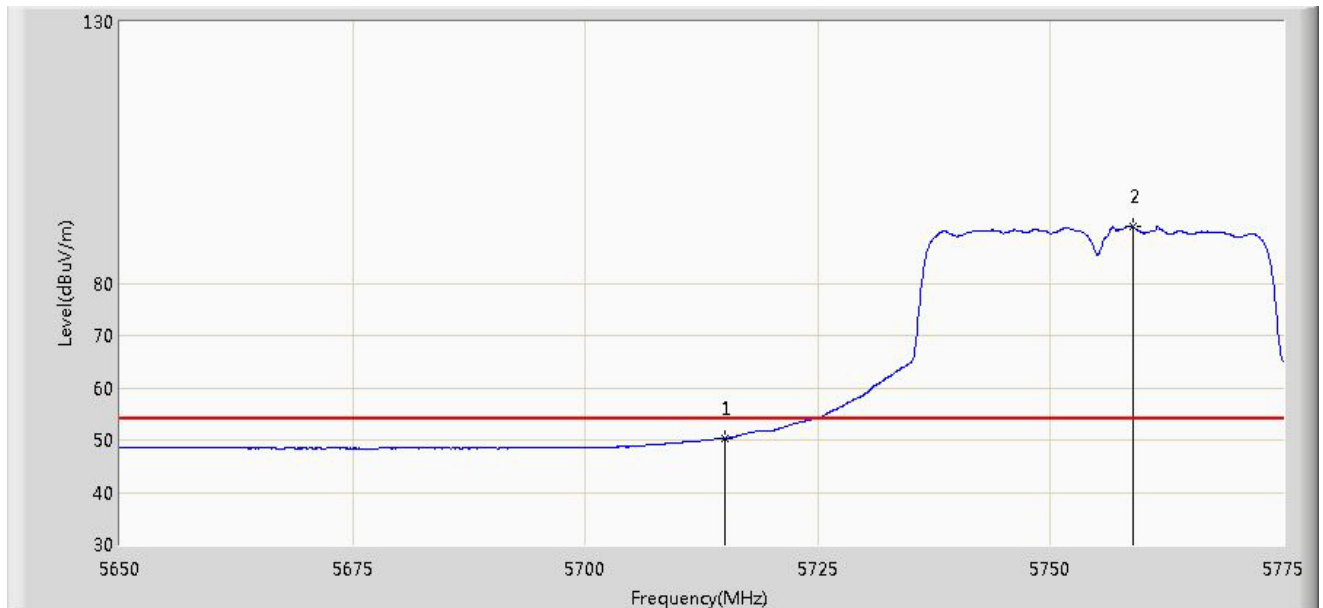


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.586	60.825	-9.414	74.000	3.761	PK
2			5722.750	73.227	69.443	-4.973	78.200	3.783	PK
3			5725.000	72.220	68.429	-5.980	78.200	3.791	PK
4		*	5750.750	109.675	105.801	N/A	N/A	3.874	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1	

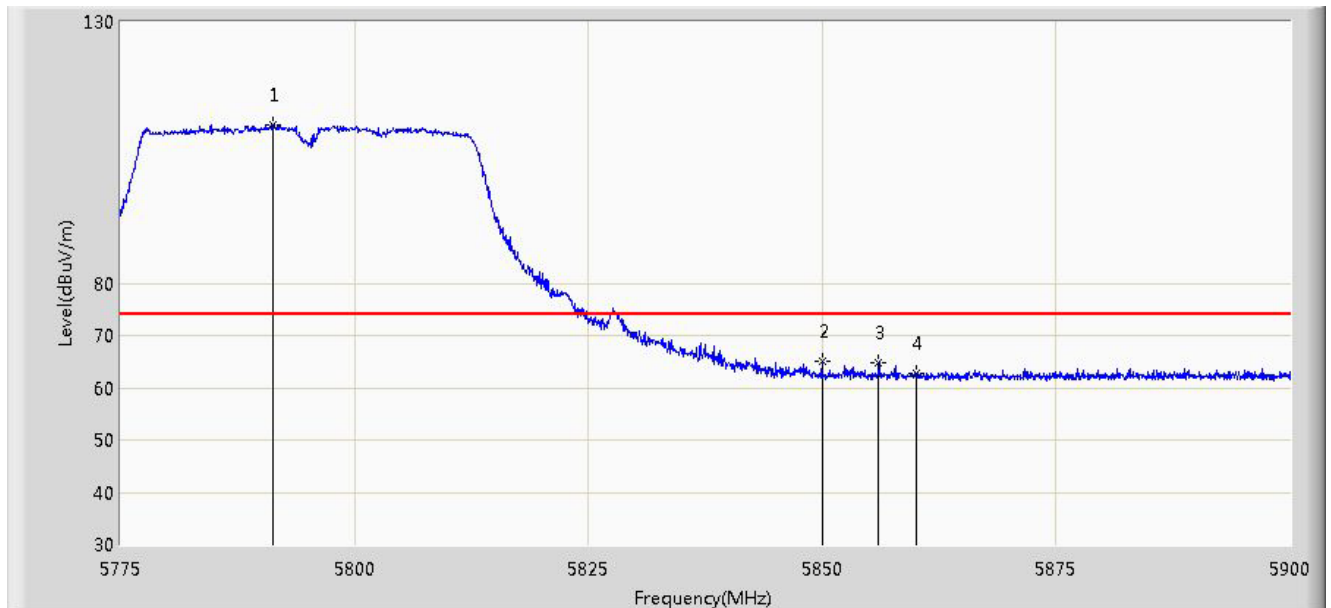


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.339	46.578	-3.661	54.000	3.761	AV
2		*	5758.812	90.749	86.847	N/A	N/A	3.902	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

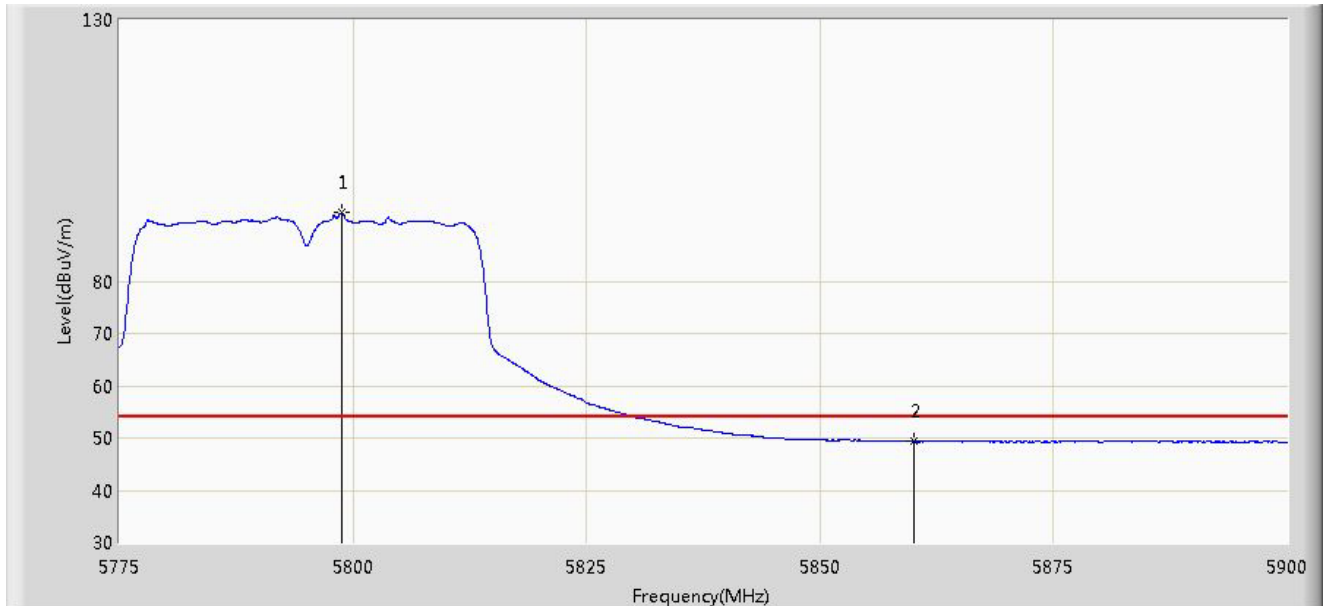


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.250	110.374	106.427	N/A	N/A	3.948	PK
2			5850.000	64.952	60.895	-13.248	78.200	4.058	PK
3			5856.062	64.839	60.778	-13.361	78.200	4.061	PK
4			5860.000	62.614	58.551	-11.386	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

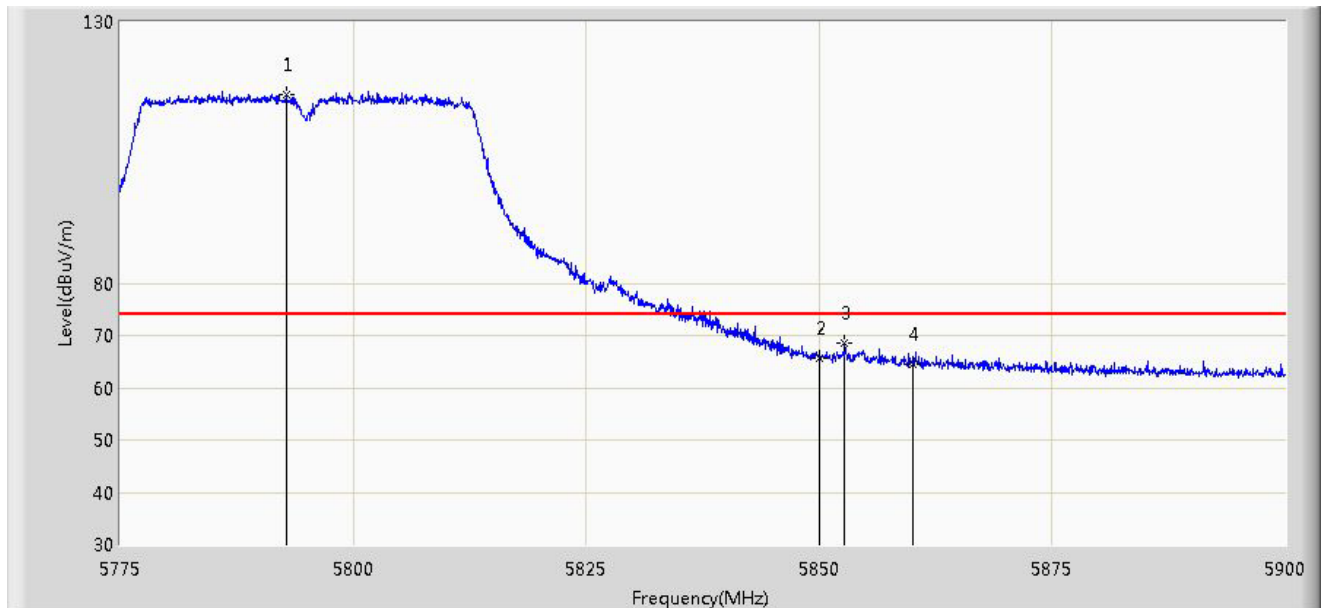


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5798.875	93.056	89.097	N/A	N/A	3.958	AV
2			5860.000	49.296	45.233	-4.704	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

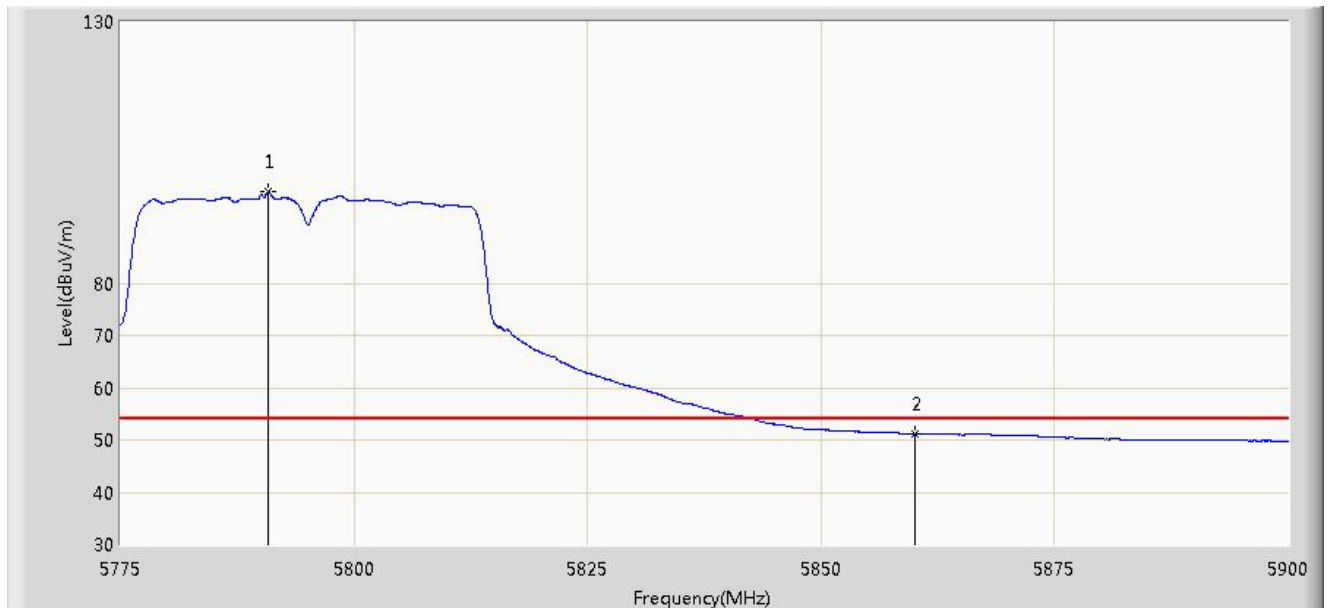


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5792.812	116.210	112.259	N/A	N/A	3.950	PK
2			5850.000	65.564	61.507	-12.636	78.200	4.058	PK
3			5852.750	68.512	64.453	-9.688	78.200	4.058	PK
4			5860.000	64.453	60.390	-9.547	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1	

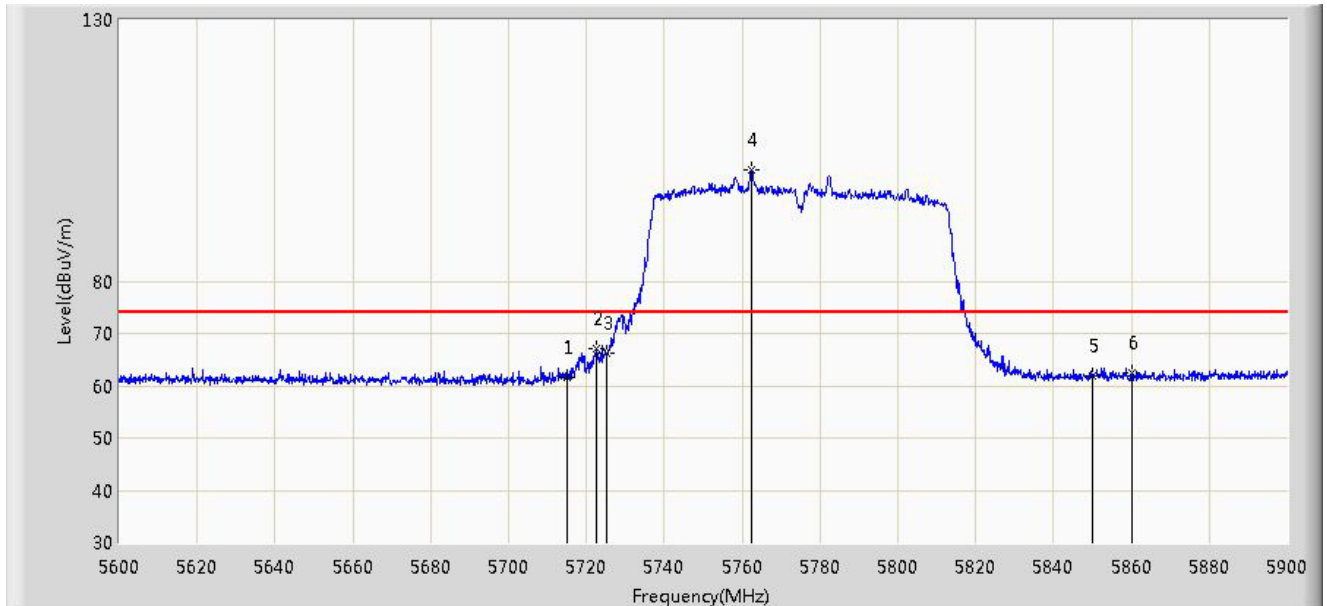


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.875	97.407	93.460	N/A	N/A	3.947	AV
2			5860.000	51.211	47.148	-2.789	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: 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			5715.000	61.707	57.946	-12.293	74.000	3.761	PK
2			5722.400	67.136	63.353	-11.064	78.200	3.783	PK
3			5725.000	66.320	62.529	-11.880	78.200	3.791	PK
4		*	5762.300	101.166	97.258	N/A	N/A	3.907	PK
5			5850.000	61.843	57.786	-16.357	78.200	4.058	PK
6			5860.000	62.325	58.262	-11.675	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

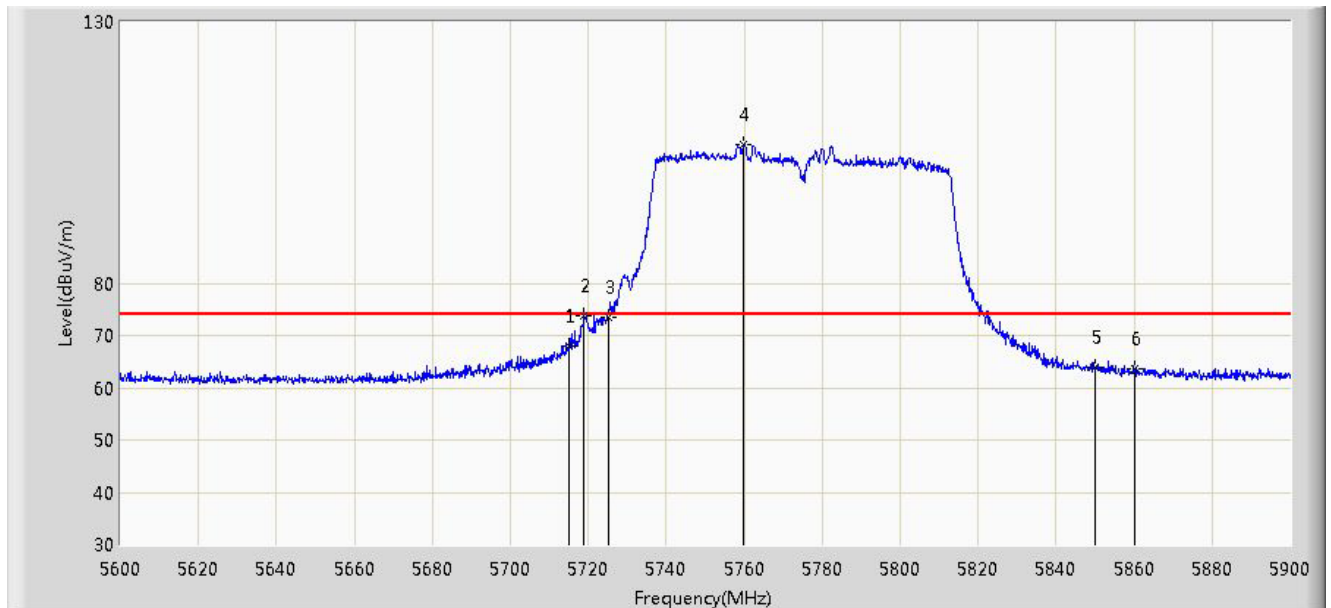


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.085	45.324	-4.915	54.000	3.761	AV
2		*	5772.050	79.912	75.995	N/A	N/A	3.916	AV
3			5860.000	49.186	45.123	-4.814	54.000	4.064	AV

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

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

Site: AC1	Time: 2015/05/04 - 13:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1	

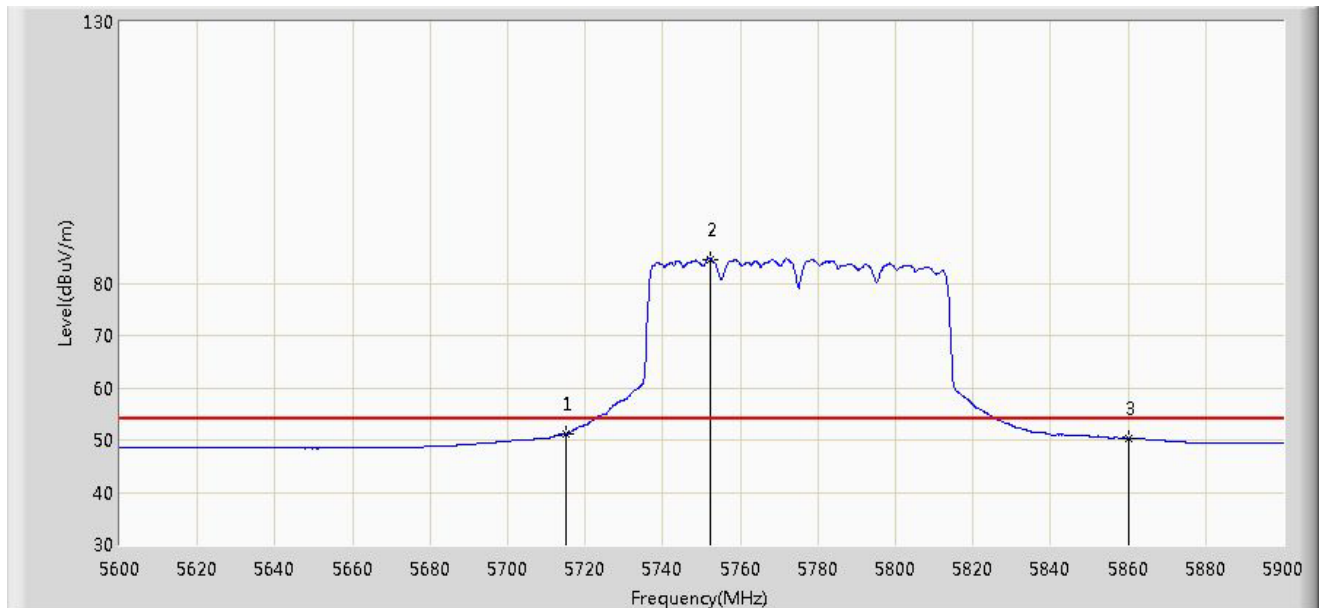


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.913	64.152	-6.087	74.000	3.761	PK
2			5718.950	73.641	69.868	-4.559	78.200	3.772	PK
3			5725.000	73.410	69.619	-4.790	78.200	3.791	PK
4		*	5759.900	106.618	102.712	N/A	N/A	3.906	PK
5			5850.000	63.786	59.729	-14.414	78.200	4.058	PK
6			5860.000	63.732	59.669	-10.268	74.000	4.064	PK

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

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

Site: AC1	Time: 2015/05/04 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: 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			5715.000	51.134	47.373	-2.866	54.000	3.761	AV
2		*	5752.400	84.505	80.625	N/A	N/A	3.881	AV
3			5860.000	50.268	46.205	-3.732	54.000	4.064	AV

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

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

7.9. AC Conducted Emissions Measurement

7.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207		
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.

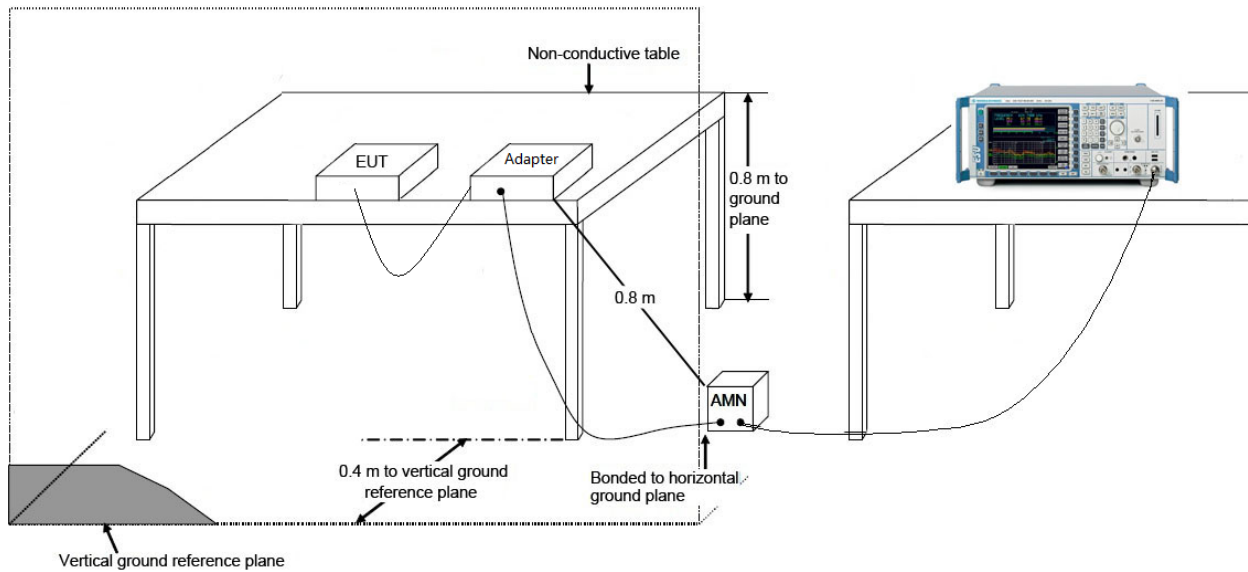
7.9.2. Test Procedure

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.

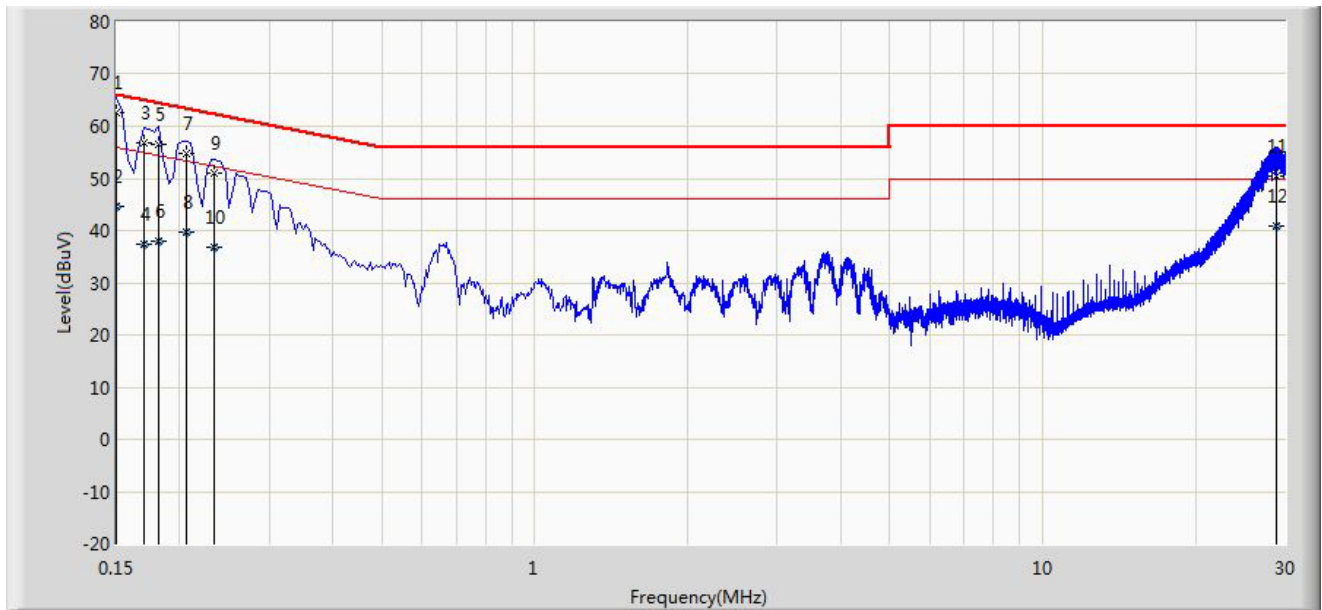
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.9.3. Test Setup



7.9.4. Test Result

Engineer: Milo Li	
Site: SR2	Time: 2014/09/30 - 09:08
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode1	

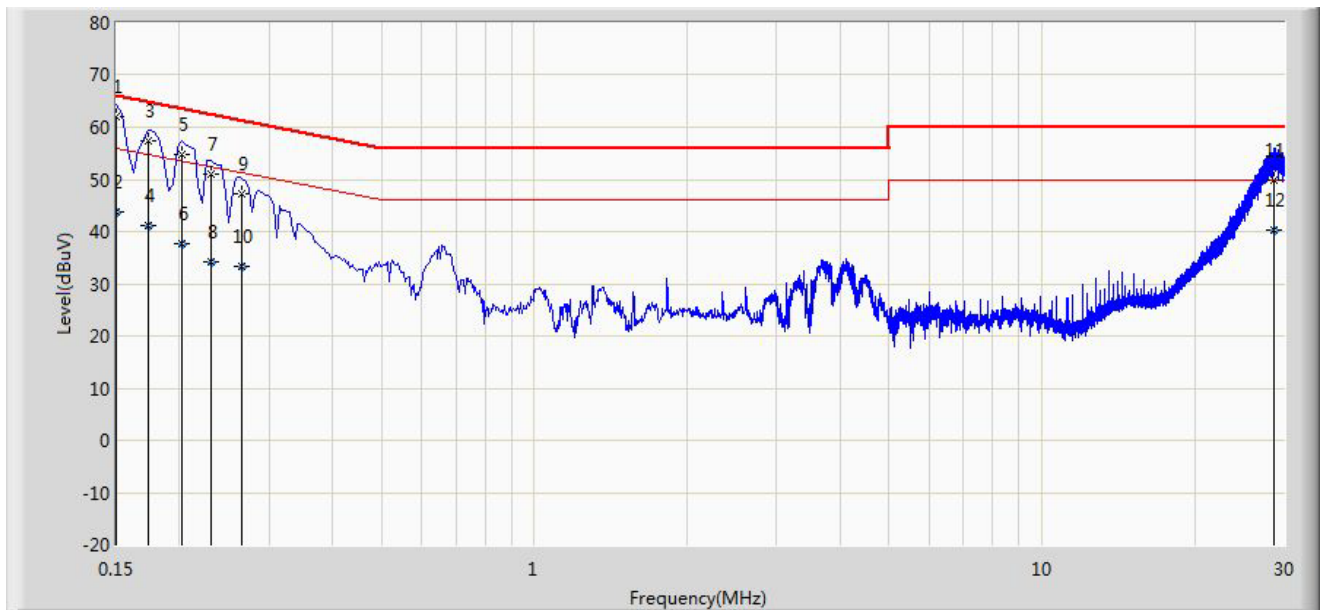


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	62.638	51.470	-3.362	66.000	11.168	QP
2			0.150	44.608	33.440	-11.392	56.000	11.168	AV
3			0.170	56.670	46.592	-8.290	64.960	10.078	QP
4			0.170	37.422	27.345	-17.538	54.960	10.078	AV
5			0.182	56.515	46.467	-7.879	64.394	10.048	QP
6			0.182	37.937	27.889	-16.457	54.394	10.048	AV
7			0.206	54.646	44.665	-8.719	63.365	9.981	QP
8			0.206	39.762	29.782	-13.603	53.365	9.981	AV
9			0.234	50.955	41.004	-11.352	62.307	9.951	QP
10			0.234	36.855	26.904	-15.451	52.307	9.951	AV
11			28.902	50.343	40.062	-9.657	60.000	10.282	QP
12			28.902	40.885	30.604	-9.115	50.000	10.282	AV

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

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

Engineer: Milo Li	
Site: SR2	Time: 2014/09/30 - 09:14
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIRELESS-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	61.951	50.809	-4.049	66.000	11.142	QP
2			0.150	43.801	32.659	-12.199	56.000	11.142	AV
3			0.174	57.384	47.328	-7.383	64.767	10.057	QP
4			0.174	41.193	31.136	-13.575	54.767	10.057	AV
5			0.202	54.790	44.782	-8.738	63.528	10.008	QP
6			0.202	37.777	27.769	-15.751	53.528	10.008	AV
7			0.230	50.934	40.948	-11.516	62.450	9.985	QP
8			0.230	34.331	24.346	-18.118	52.450	9.985	AV
9			0.266	47.162	37.149	-14.080	61.242	10.013	QP
10			0.266	33.223	23.211	-18.018	51.242	10.013	AV
11			28.566	49.885	39.473	-10.115	60.000	10.412	QP
12			28.566	40.197	29.785	-9.803	50.000	10.412	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-AC 2X2 27DBM NETWORK MINI PCIE ADAPTER FCC ID: TK4WLE600V5-27ESD** is in compliance with Part 15E of the FCC Rules.

The End