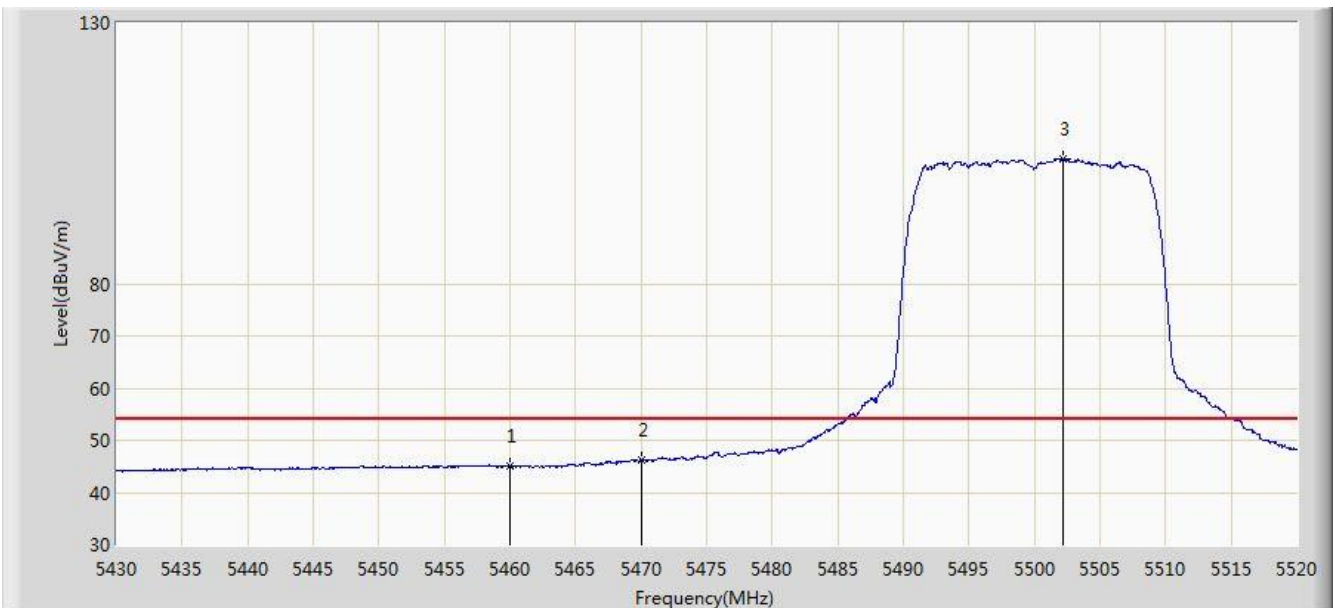


Site: AC1	Time: 2017/10/18 - 22:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 (Beam-Forming Mode)	

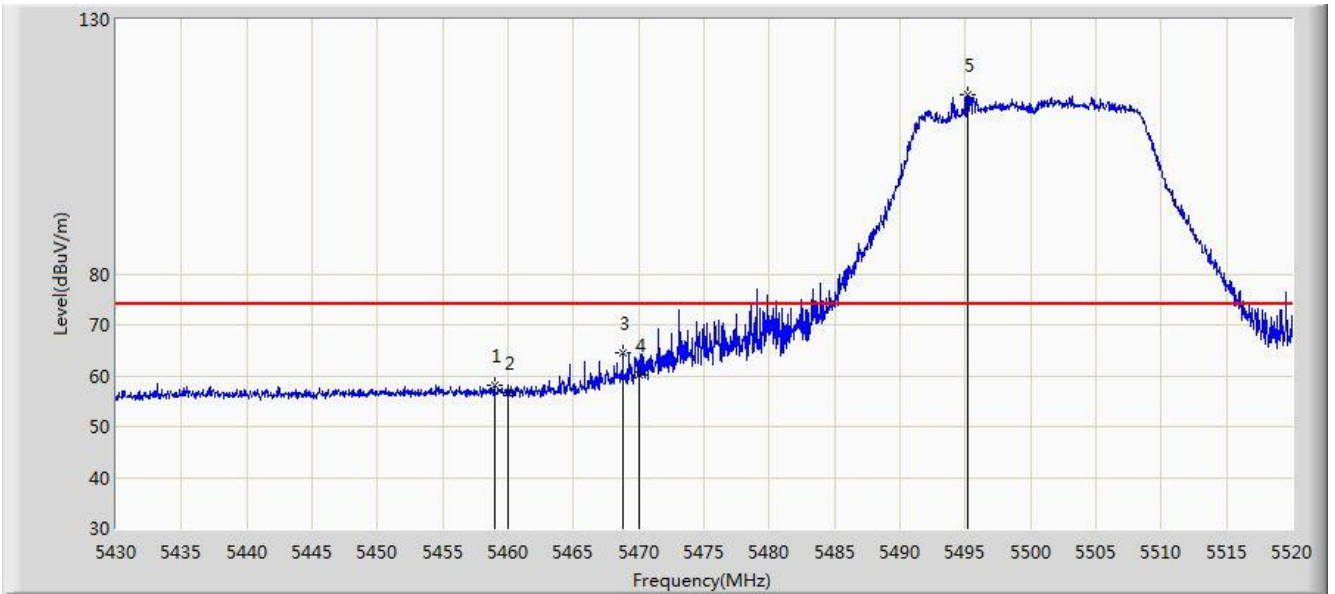


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.049	40.869	-8.951	54.000	4.180	AV
2			5470.000	46.138	41.936	-7.862	54.000	4.202	AV
3		*	5502.180	103.887	99.609	N/A	N/A	4.278	AV

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: 2017/10/18 - 22:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 (Beam-Forming Mode)	

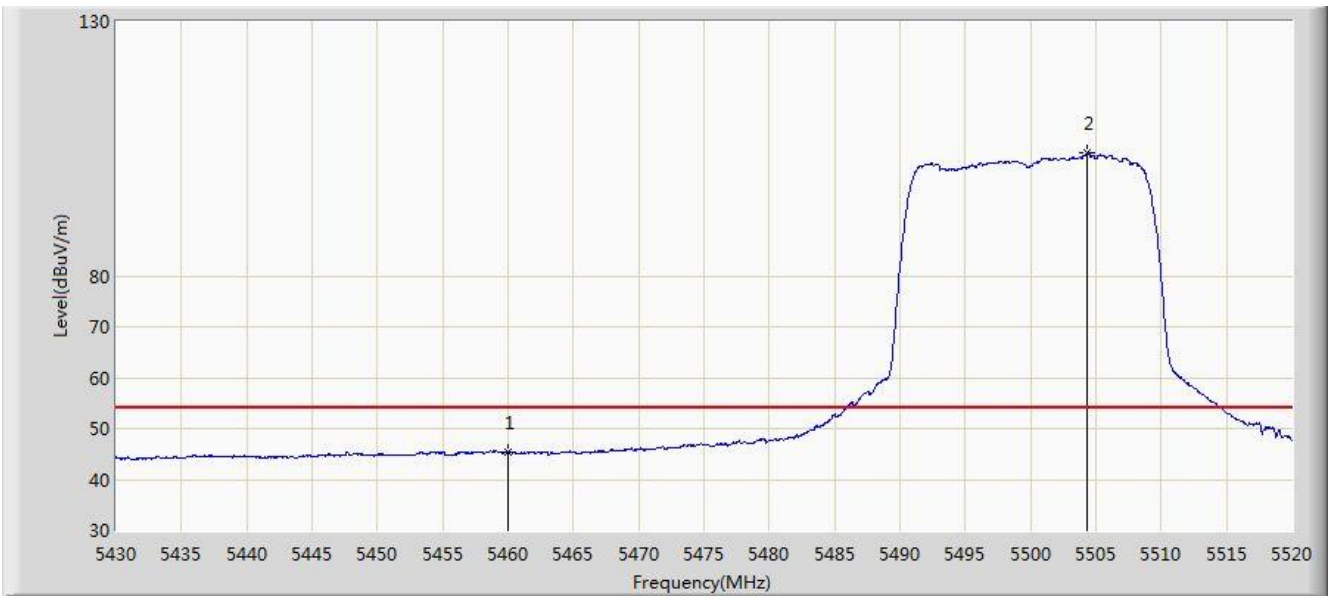


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.935	58.146	53.968	-15.854	74.000	4.178	PK
2			5460.000	56.617	52.437	-17.383	74.000	4.180	PK
3			5468.790	64.576	60.376	-3.624	68.200	4.200	PK
4			5470.000	60.030	55.828	-8.170	68.200	4.202	PK
5		*	5495.160	115.325	111.065	N/A	N/A	4.259	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: 2017/10/18 - 22:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0 + 1 (Beam-Forming Mode)	

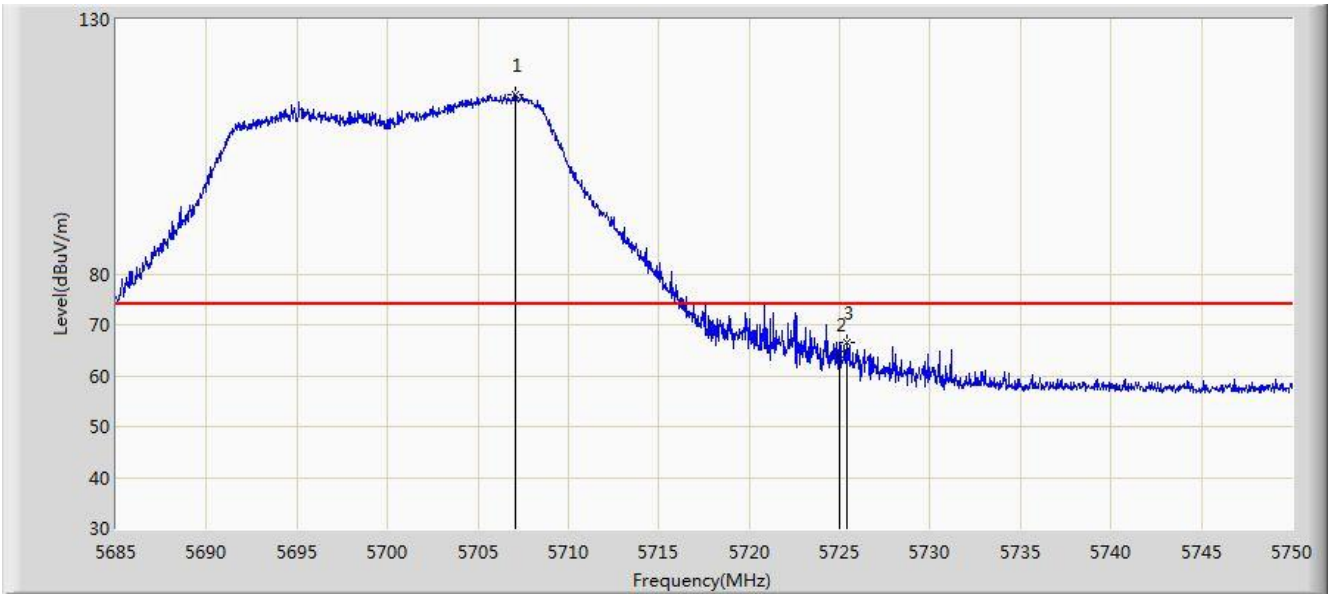


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.389	41.209	-8.611	54.000	4.180	AV
2		*	5504.340	104.178	99.893	N/A	N/A	4.284	AV

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: 2017/10/18 - 22:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 (Beam-Forming Mode)	

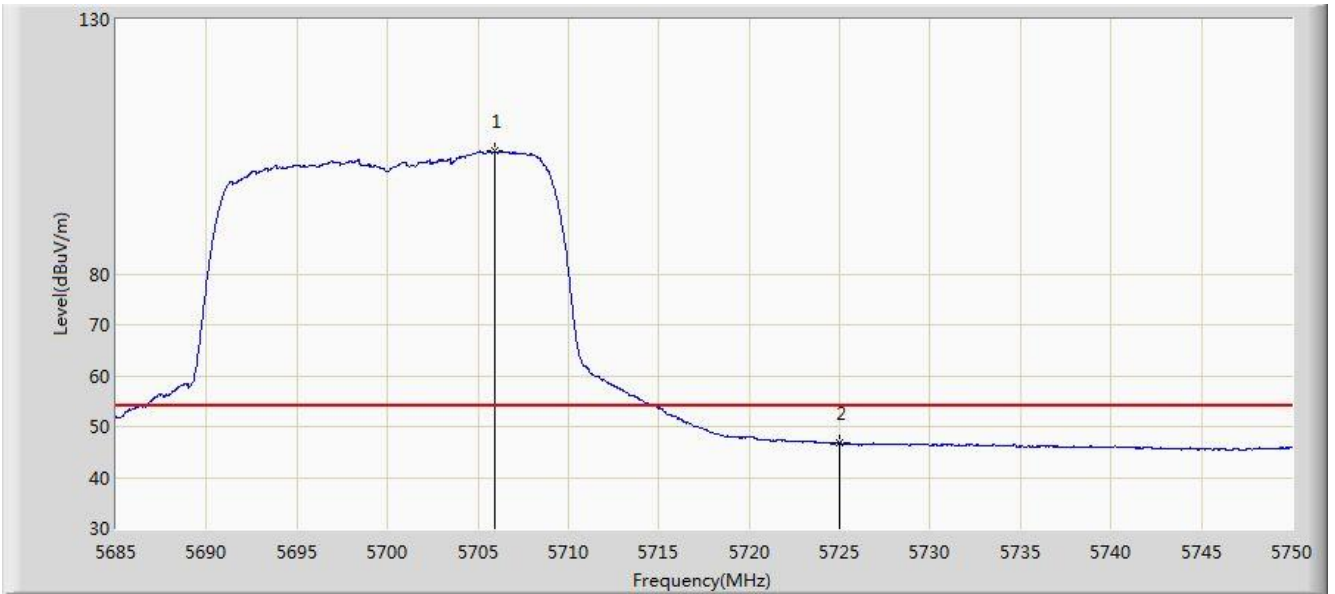


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5707.035	115.342	110.426	N/A	N/A	4.916	PK
2			5725.000	64.116	59.087	-9.884	74.000	5.029	PK
3			5725.365	66.467	61.436	-7.533	74.000	5.032	PK

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: 2017/10/18 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 (Beam-Forming Mode)	

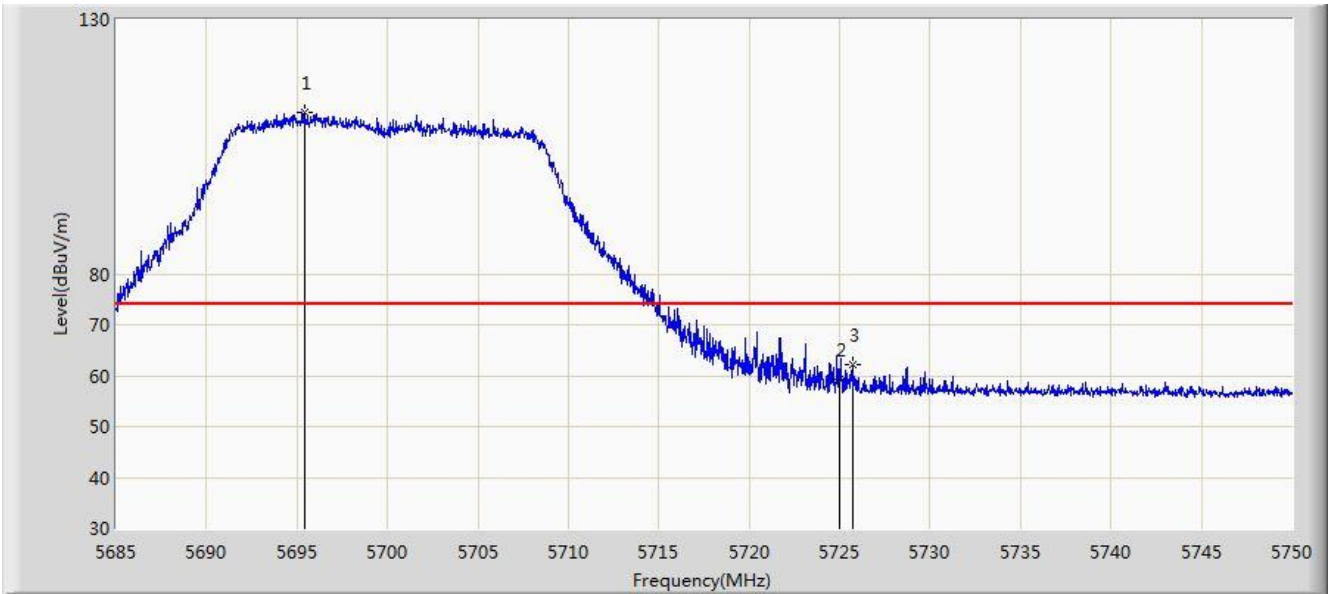


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.897	104.096	99.186	N/A	N/A	4.909	AV
2			5725.000	46.830	41.801	-7.170	54.000	5.029	AV

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: 2017/10/18 - 22:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 (Beam-Forming Mode)	

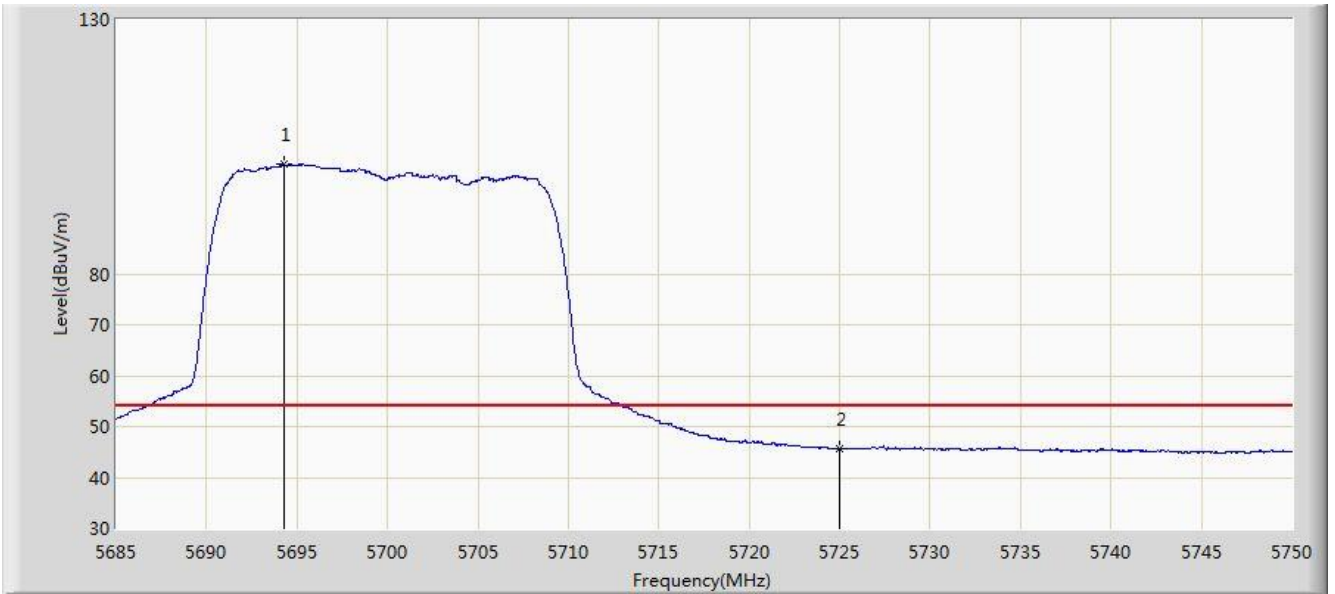


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.400	111.741	106.887	N/A	N/A	4.853	PK
2			5725.000	59.318	54.289	-14.682	74.000	5.029	PK
3			5725.755	62.109	57.075	-11.891	74.000	5.033	PK

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: 2017/10/18 - 22:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0 + 1 (Beam-Forming Mode)	

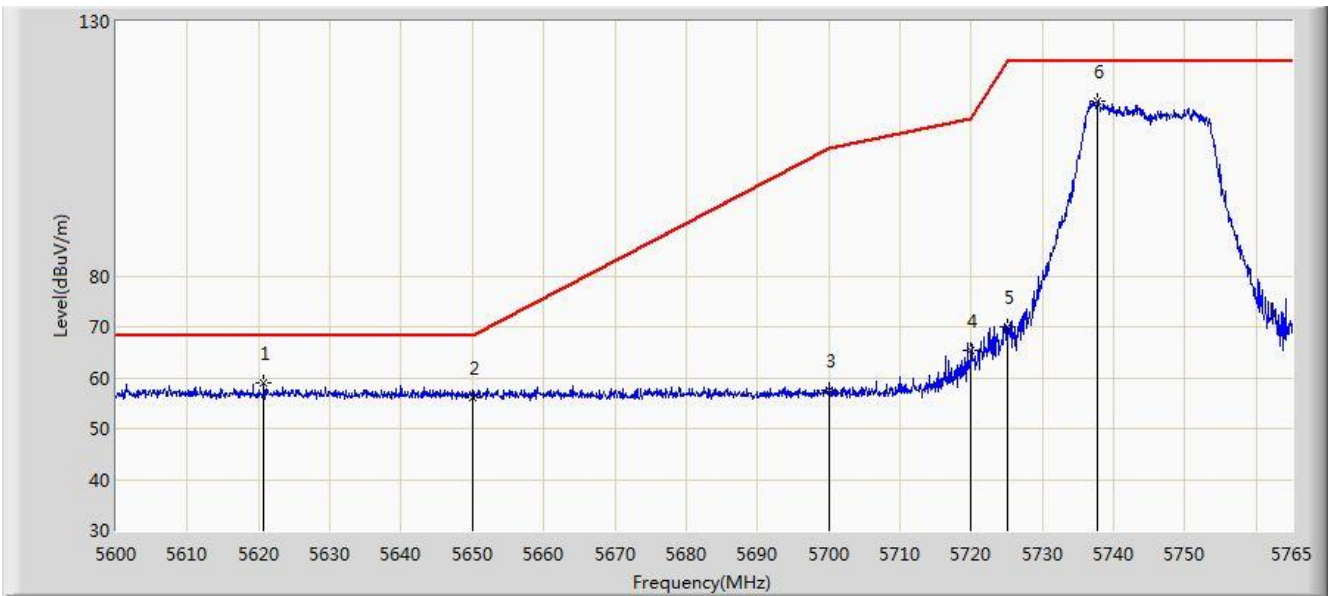


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.263	101.679	96.831	N/A	N/A	4.847	AV
2			5725.000	45.540	40.511	-8.460	54.000	5.029	AV

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: 2017/10/18 - 22:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

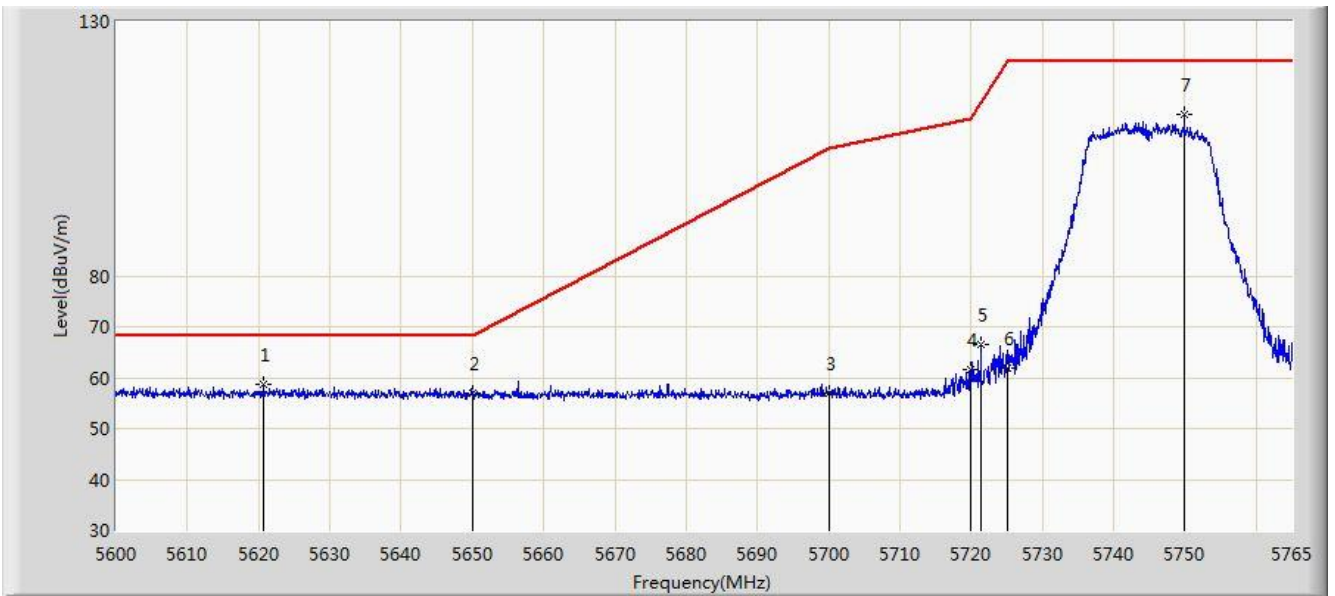


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.708	58.842	54.259	-9.358	68.200	4.583	PK
2			5650.000	56.067	51.396	-12.133	68.200	4.671	PK
3			5700.000	57.479	52.601	-47.721	105.200	4.878	PK
4			5720.000	65.371	60.374	-45.429	110.800	4.997	PK
5			5725.000	69.879	64.850	-52.321	122.200	5.029	PK
6		*	5737.610	114.458	109.349	N/A	N/A	5.109	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: 2017/10/18 - 22:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

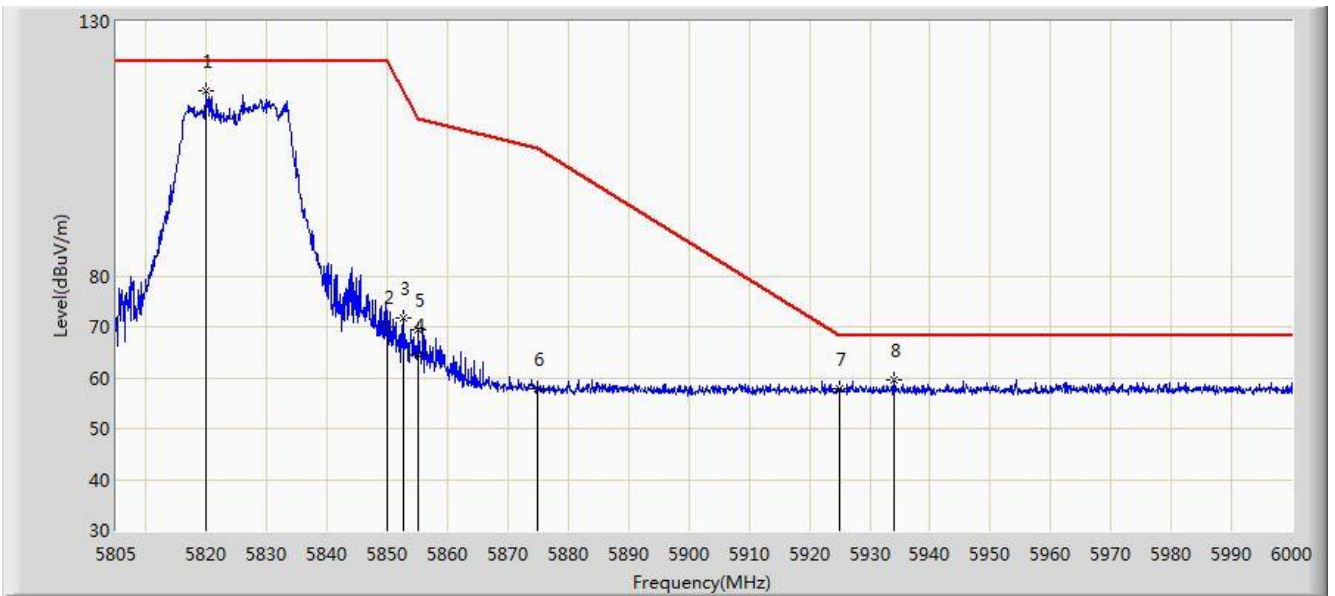


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.708	58.670	54.087	-9.530	68.200	4.583	PK
2			5650.000	56.987	52.316	-11.213	68.200	4.671	PK
3			5700.000	56.948	52.070	-48.252	105.200	4.878	PK
4			5720.000	61.728	56.731	-49.072	110.800	4.997	PK
5			5721.357	66.498	61.492	-47.397	113.895	5.006	PK
6			5725.000	61.784	56.755	-60.416	122.200	5.029	PK
7		*	5749.902	111.794	106.611	N/A	N/A	5.183	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: 2017/10/18 - 22:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

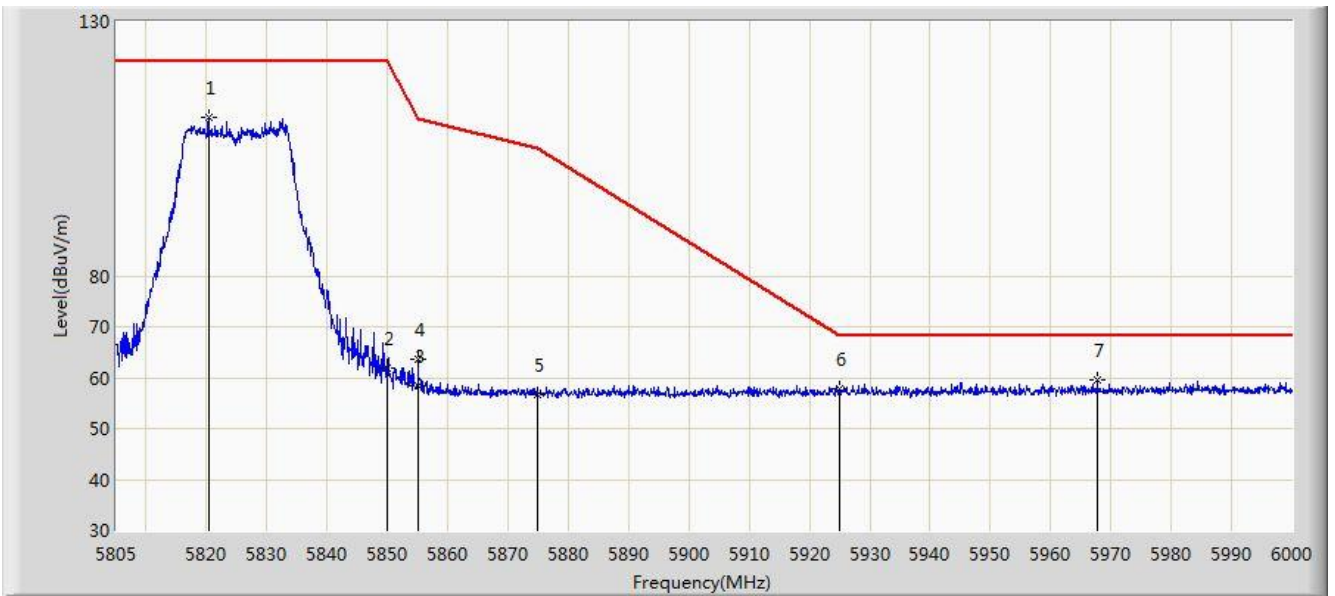


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.820	116.258	110.700	N/A	N/A	5.558	PK
2			5850.000	70.064	64.338	-52.136	122.200	5.726	PK
3			5852.678	71.657	65.920	-44.436	116.093	5.736	PK
4			5855.000	64.623	58.877	-46.177	110.800	5.746	PK
5			5855.212	69.349	63.602	-41.391	110.741	5.746	PK
6			5875.000	57.816	51.996	-47.384	105.200	5.820	PK
7			5925.000	57.726	51.760	-10.474	68.200	5.967	PK
8			5933.993	59.707	53.718	-8.493	68.200	5.990	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: 2017/10/18 - 22:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

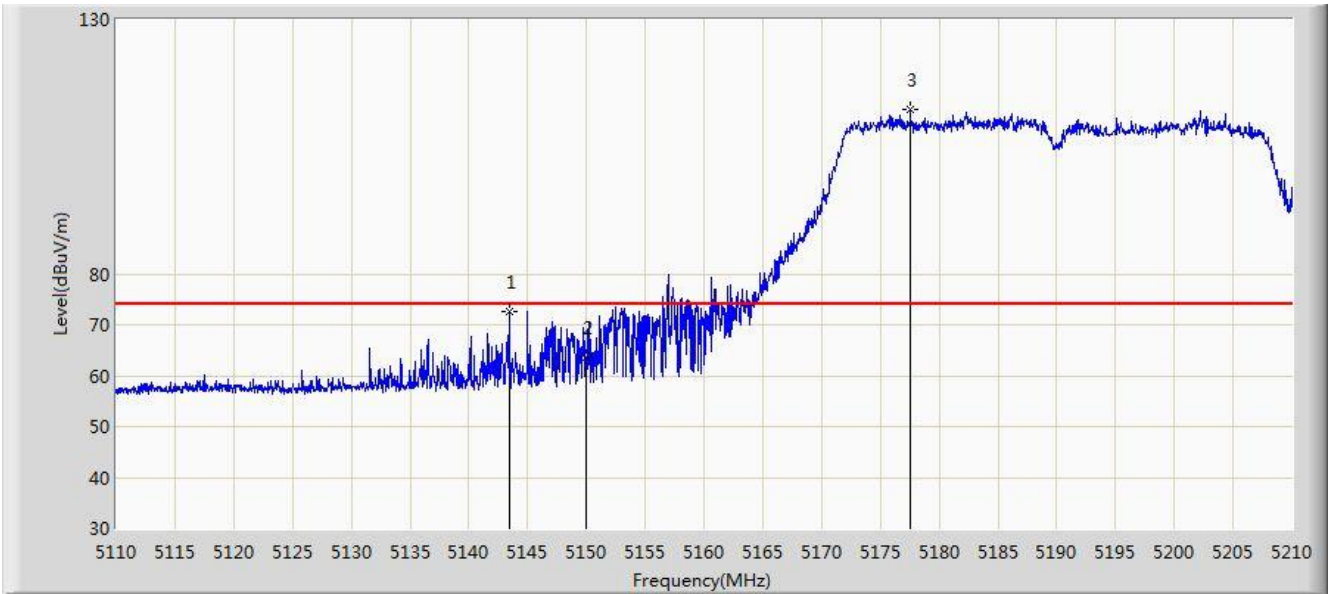


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.308	111.031	105.470	N/A	N/A	5.560	PK
2			5850.000	61.928	56.202	-60.272	122.200	5.726	PK
3			5855.000	58.471	52.725	-52.329	110.800	5.746	PK
4			5855.115	63.606	57.859	-47.162	110.768	5.746	PK
5			5875.000	56.543	50.723	-48.657	105.200	5.820	PK
6			5925.000	57.879	51.913	-10.321	68.200	5.967	PK
7			5967.728	59.557	53.500	-8.643	68.200	6.057	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: 2017/10/18 - 22:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

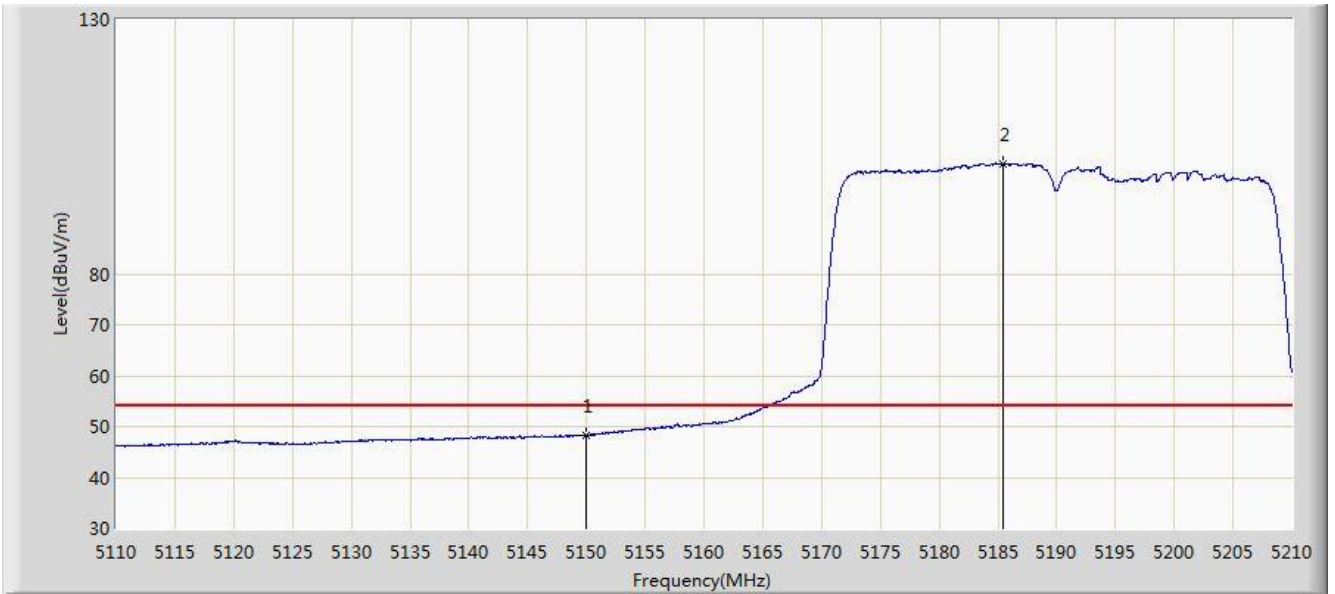


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.450	72.581	68.405	-1.419	74.000	4.175	PK
2			5150.000	63.706	59.537	-10.294	74.000	4.170	PK
3		*	5177.550	112.215	108.137	N/A	N/A	4.077	PK

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: 2017/10/18 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

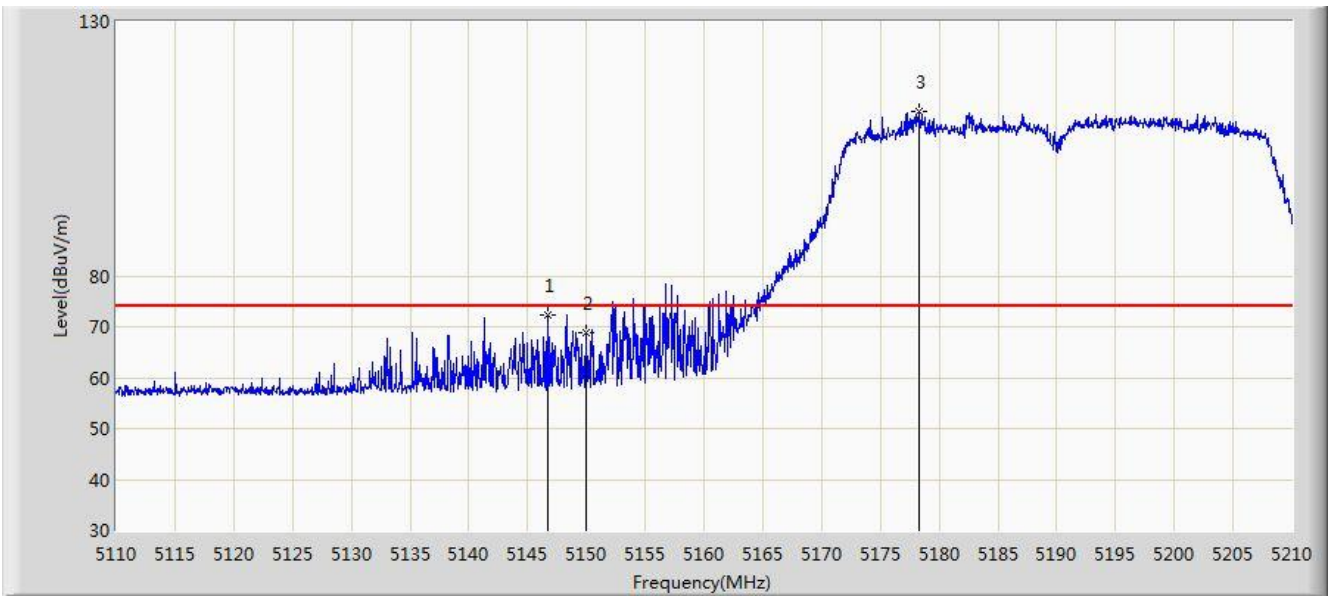


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.252	44.083	-5.748	54.000	4.170	AV
2		*	5185.400	101.637	97.587	N/A	N/A	4.049	AV

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: 2017/10/18 - 22:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

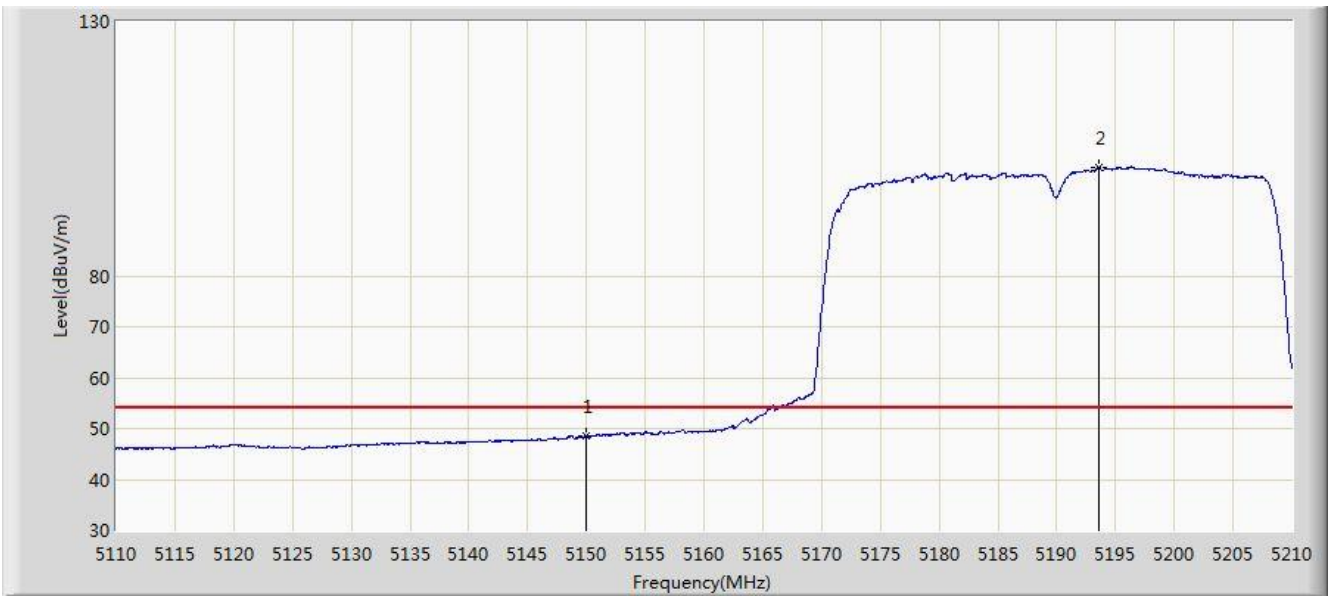


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.750	72.402	68.226	-1.598	74.000	4.176	PK
2			5150.000	68.970	64.801	-5.030	74.000	4.170	PK
3		*	5178.350	112.203	108.128	N/A	N/A	4.074	PK

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

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

Site: AC1	Time: 2017/10/18 - 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

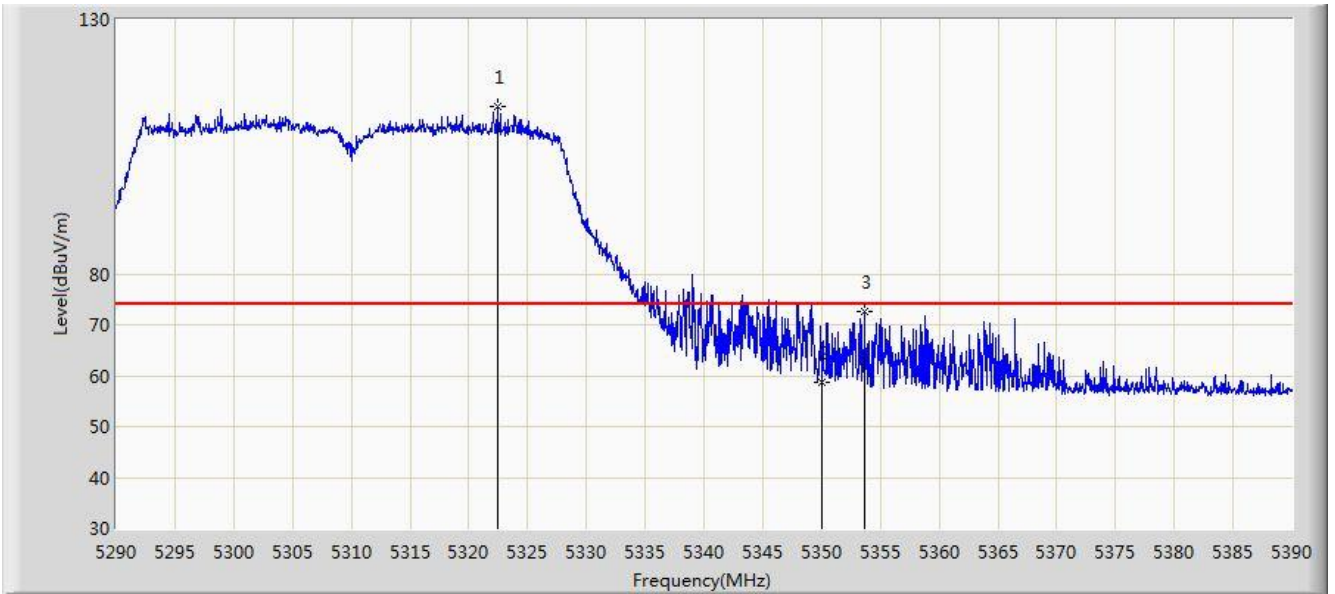


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.608	44.439	-5.392	54.000	4.170	AV
2		*	5193.550	101.329	97.308	N/A	N/A	4.021	AV

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: 2017/10/18 - 23:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0 + 1 (Beam-Forming Mode)	

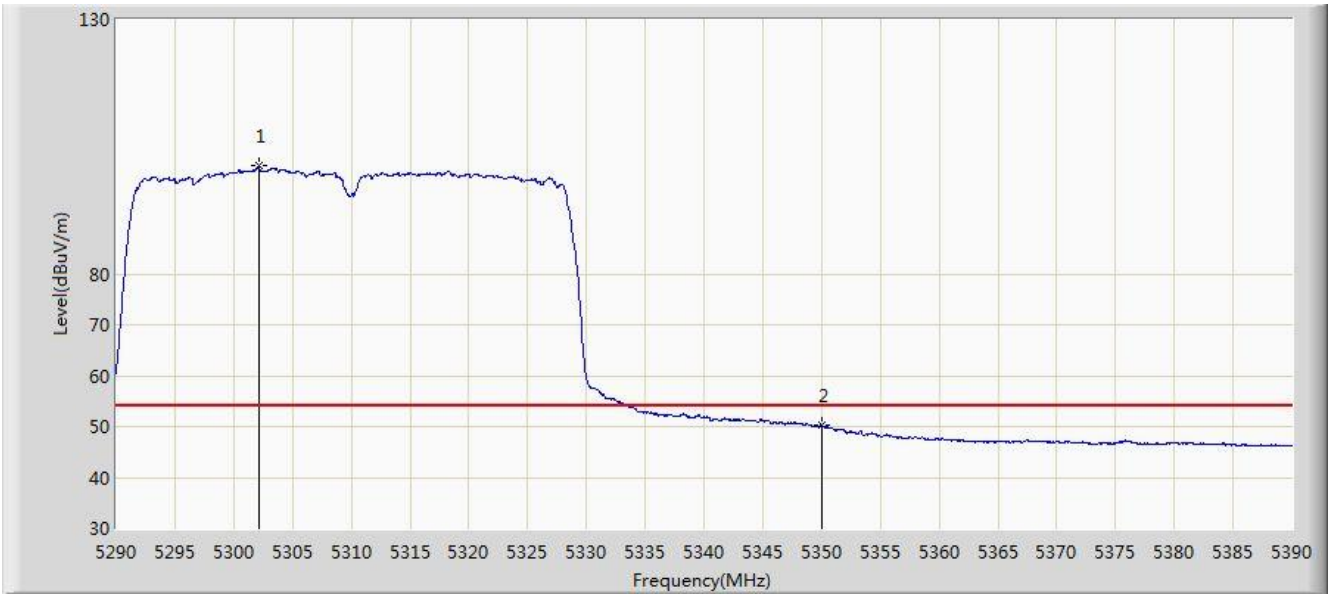


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.450	112.885	109.032	N/A	N/A	3.853	PK
2			5350.000	58.687	54.782	-15.313	74.000	3.904	PK
3			5353.650	72.526	68.615	-1.474	74.000	3.911	PK

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: 2017/10/18 - 23:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0 + 1 (Beam-Forming Mode)	

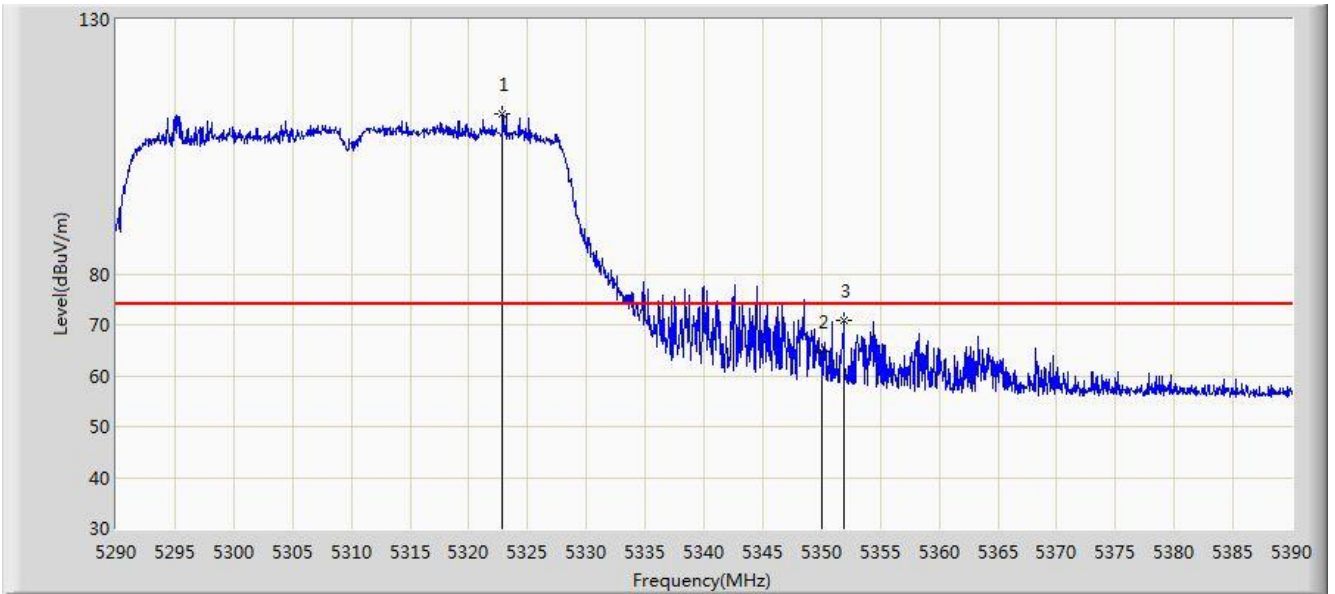


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5302.150	101.331	97.516	N/A	N/A	3.814	AV
2			5350.000	50.202	46.297	-3.798	54.000	3.904	AV

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: 2017/10/18 - 23:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0 + 1 (Beam-Forming Mode)	

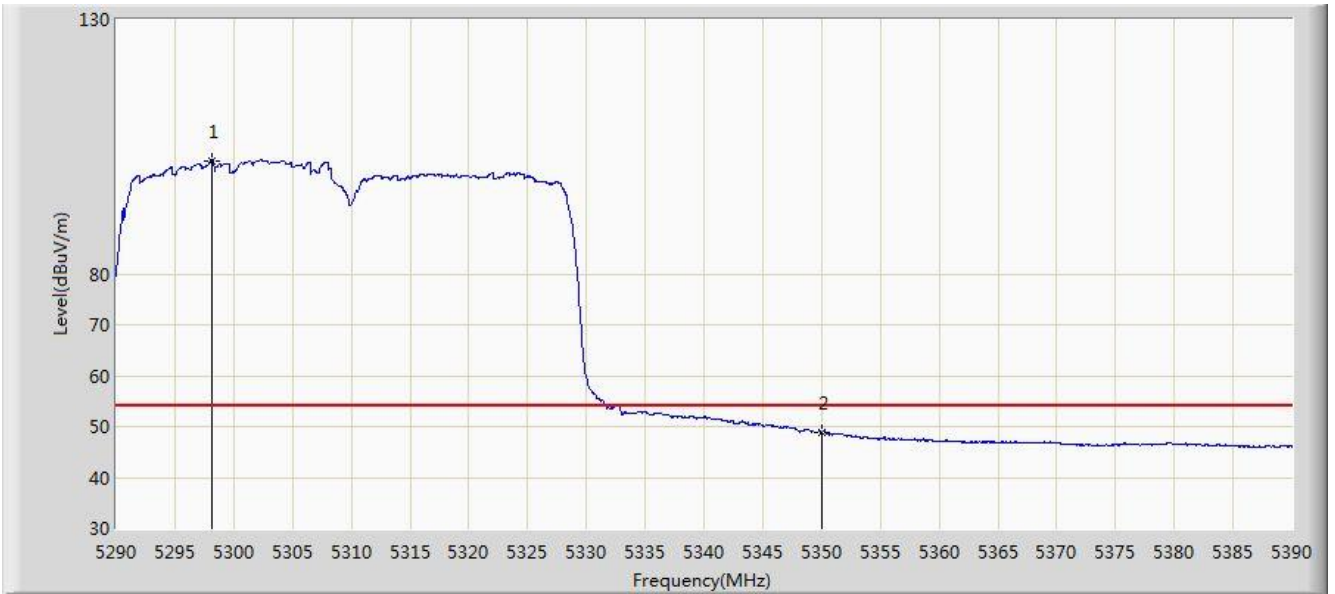


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.850	111.355	107.501	N/A	N/A	3.854	PK
2			5350.000	64.698	60.793	-9.302	74.000	3.904	PK
3			5351.900	70.980	67.072	-3.020	74.000	3.908	PK

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: 2017/10/18 - 23:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0 + 1 (Beam-Forming Mode)	

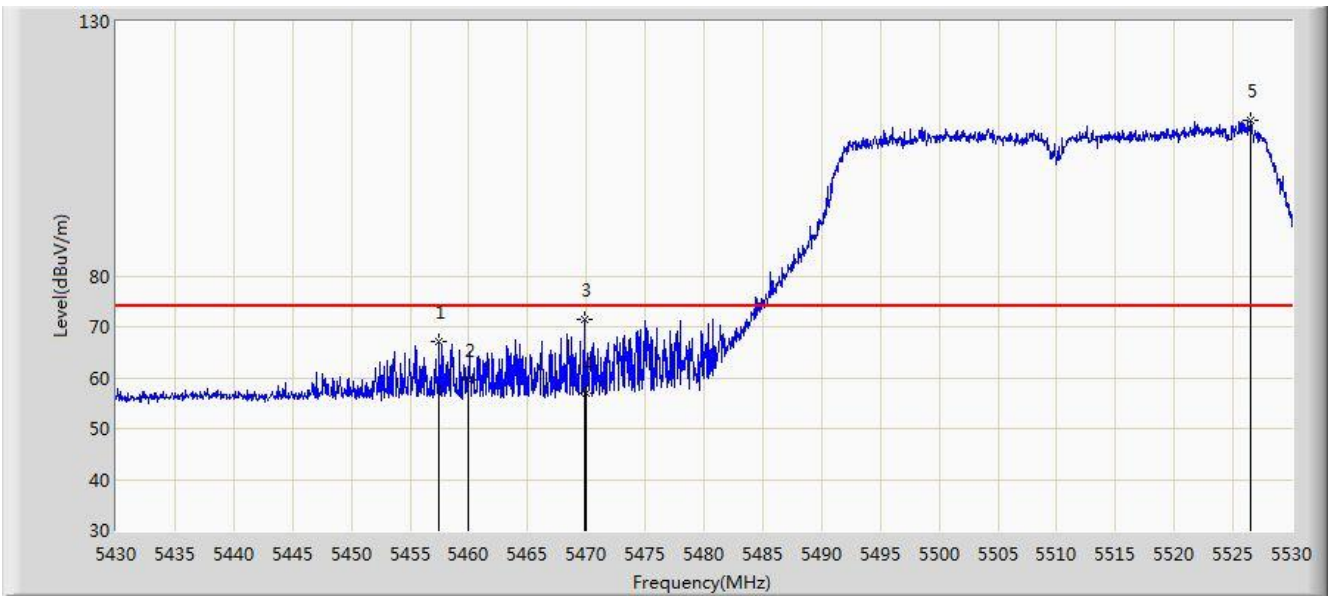


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.150	102.225	98.411	N/A	N/A	3.815	AV
2			5350.000	48.836	44.931	-5.164	54.000	3.904	AV

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: 2017/10/18 - 23:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0 + 1 (Beam-Forming Mode)	

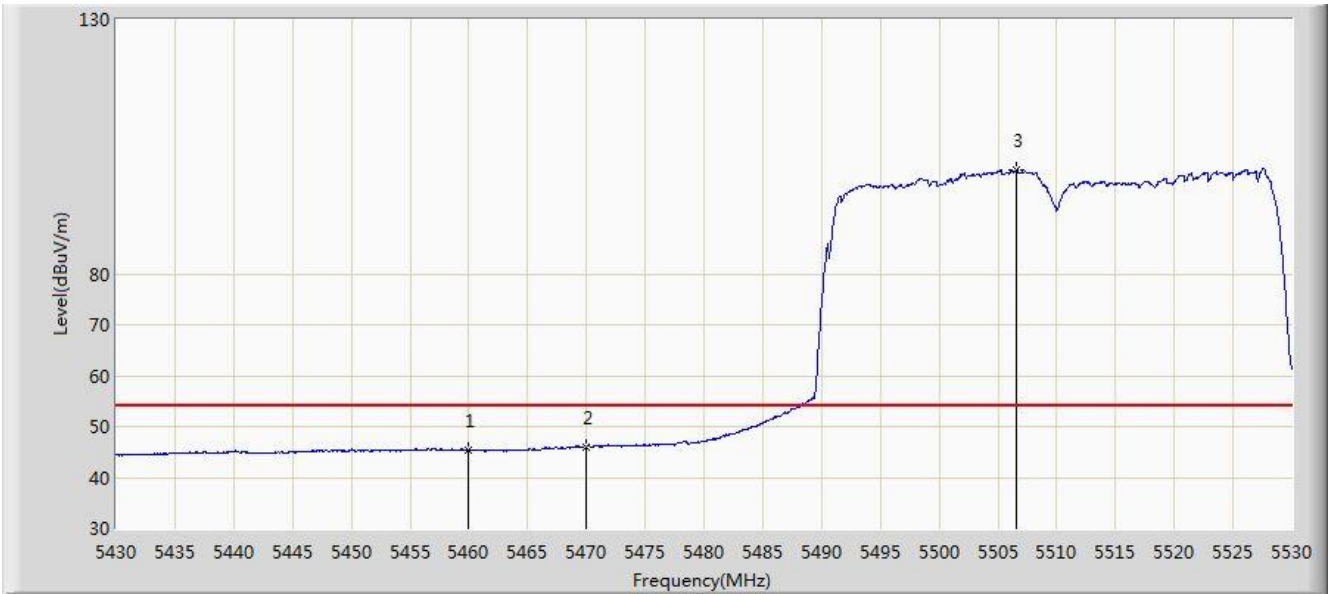


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.450	66.991	62.816	-7.009	74.000	4.175	PK
2			5460.000	59.505	55.325	-14.495	74.000	4.180	PK
3			5469.800	71.382	67.180	-2.618	74.000	4.202	PK
4			5470.000	56.904	52.702	-17.096	74.000	4.202	PK
5		*	5526.550	110.616	106.265	N/A	N/A	4.351	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: 2017/10/18 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0 + 1 (Beam-Forming Mode)	

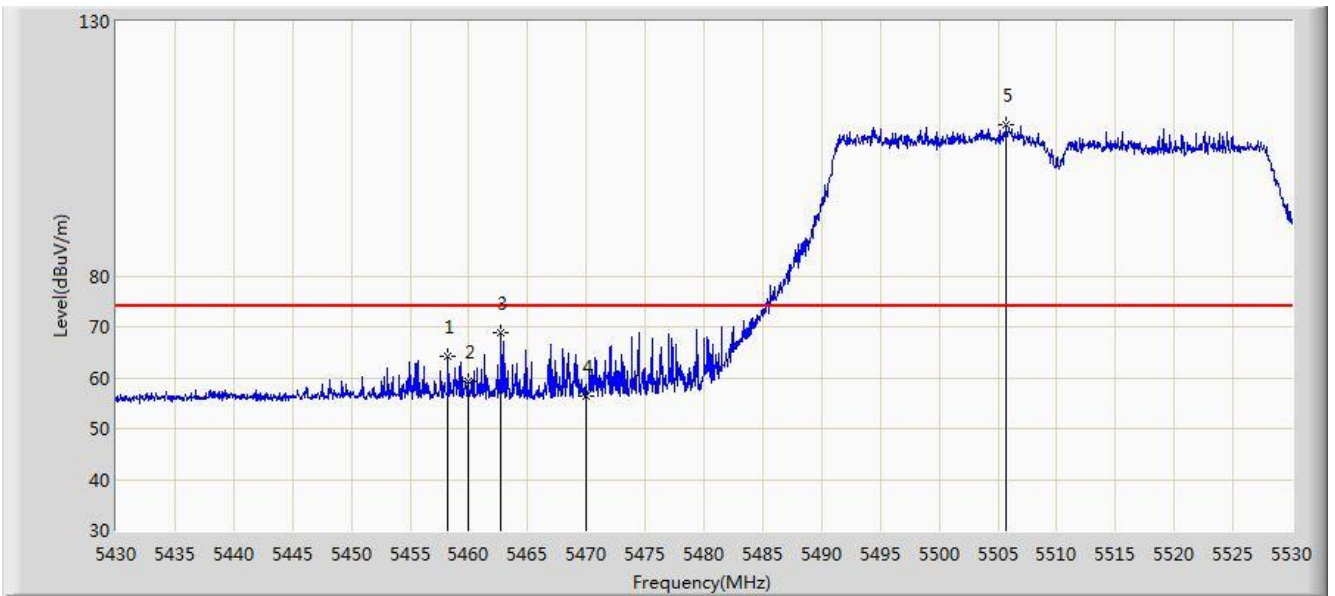


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.367	41.187	-8.633	54.000	4.180	AV
2			5470.000	46.084	41.882	-7.916	54.000	4.202	AV
3		*	5506.600	100.527	96.236	N/A	N/A	4.292	AV

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: 2017/10/18 - 23:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0 + 1 (Beam-Forming Mode)	

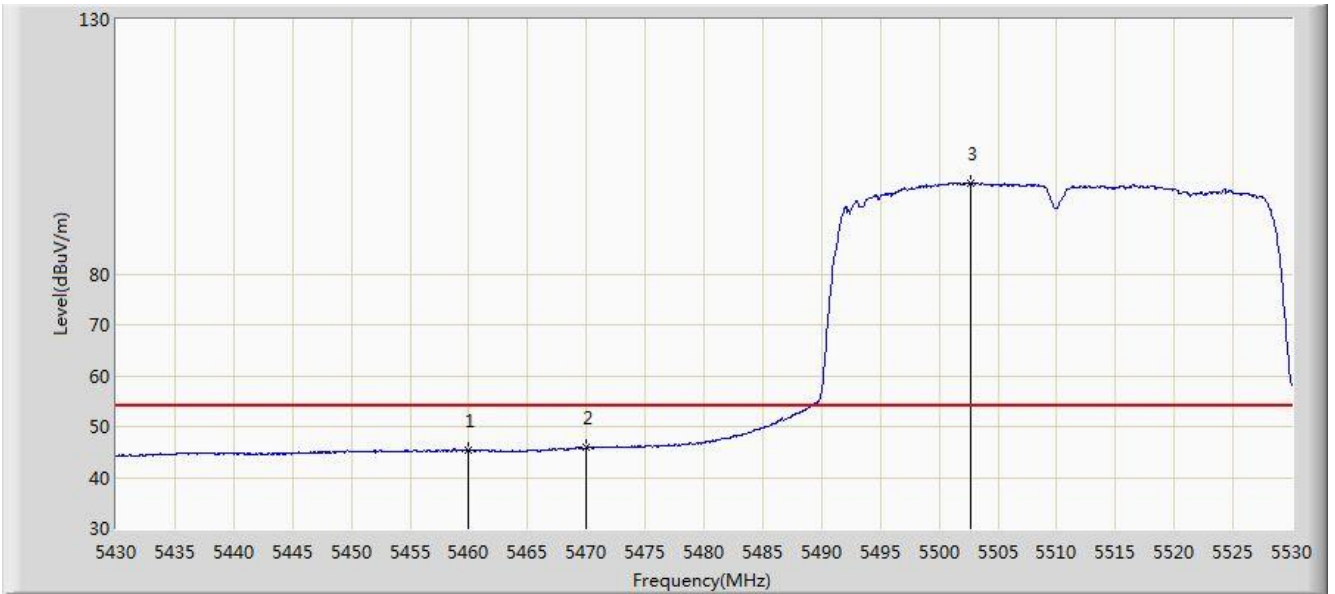


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.250	64.133	59.956	-9.867	74.000	4.177	PK
2			5460.000	59.380	55.200	-14.620	74.000	4.180	PK
3			5462.750	68.768	64.582	-5.232	74.000	4.186	PK
4			5470.000	56.428	52.226	-17.572	74.000	4.202	PK
5		*	5505.700	109.590	105.301	N/A	N/A	4.289	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: 2017/10/18 - 23:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0 + 1 (Beam-Forming Mode)	

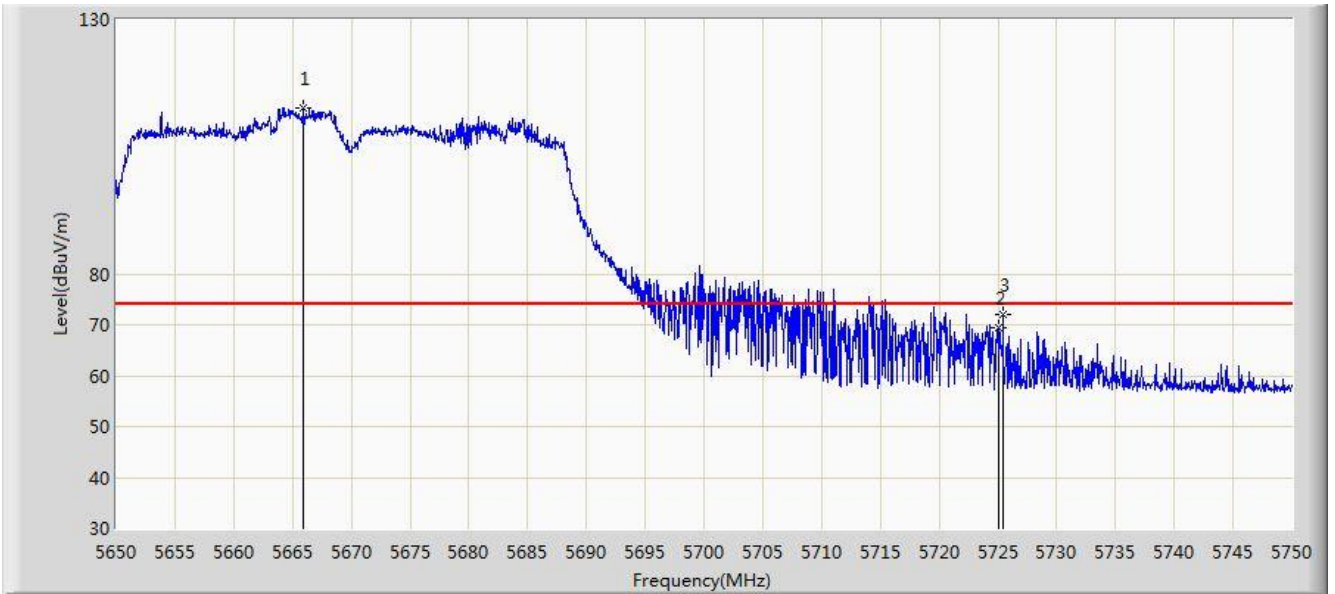


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.352	41.172	-8.648	54.000	4.180	AV
2			5470.000	45.923	41.721	-8.077	54.000	4.202	AV
3		*	5502.700	97.867	93.587	N/A	N/A	4.281	AV

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: 2017/10/18 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0 + 1 (Beam-Forming Mode)	

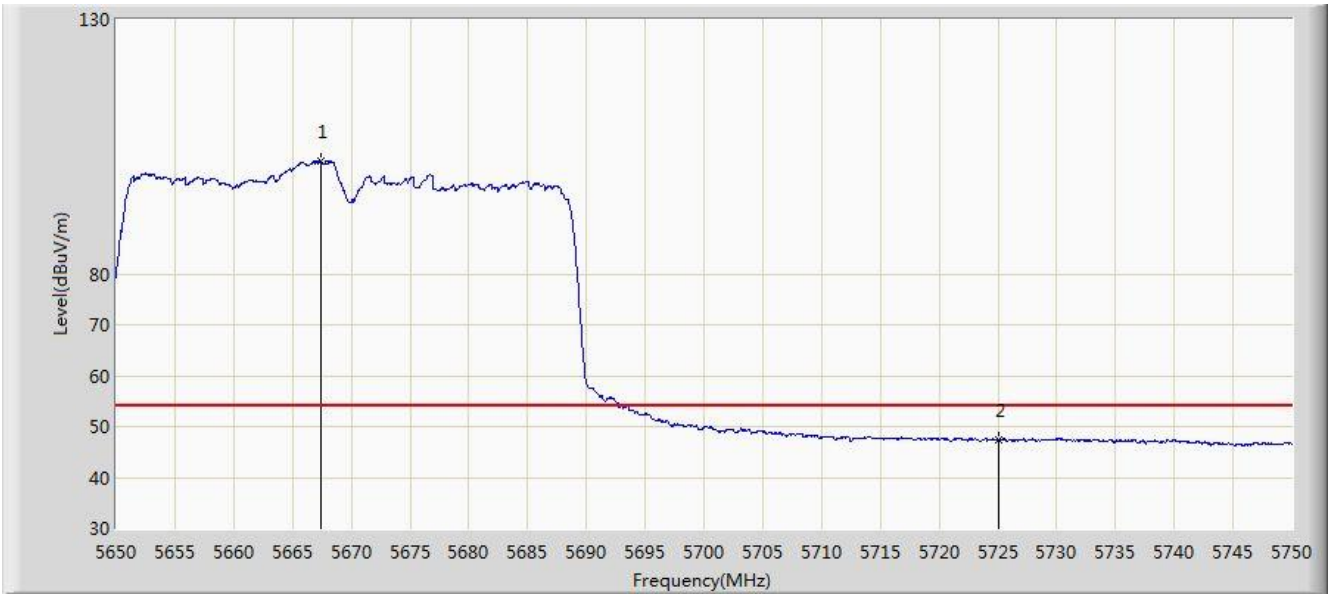


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5665.950	112.735	108.004	N/A	N/A	4.732	PK
2			5725.000	69.314	64.285	-4.686	74.000	5.029	PK
3			5725.450	71.982	66.950	-2.018	74.000	5.032	PK

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: 2017/10/18 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0 + 1 (Beam-Forming Mode)	

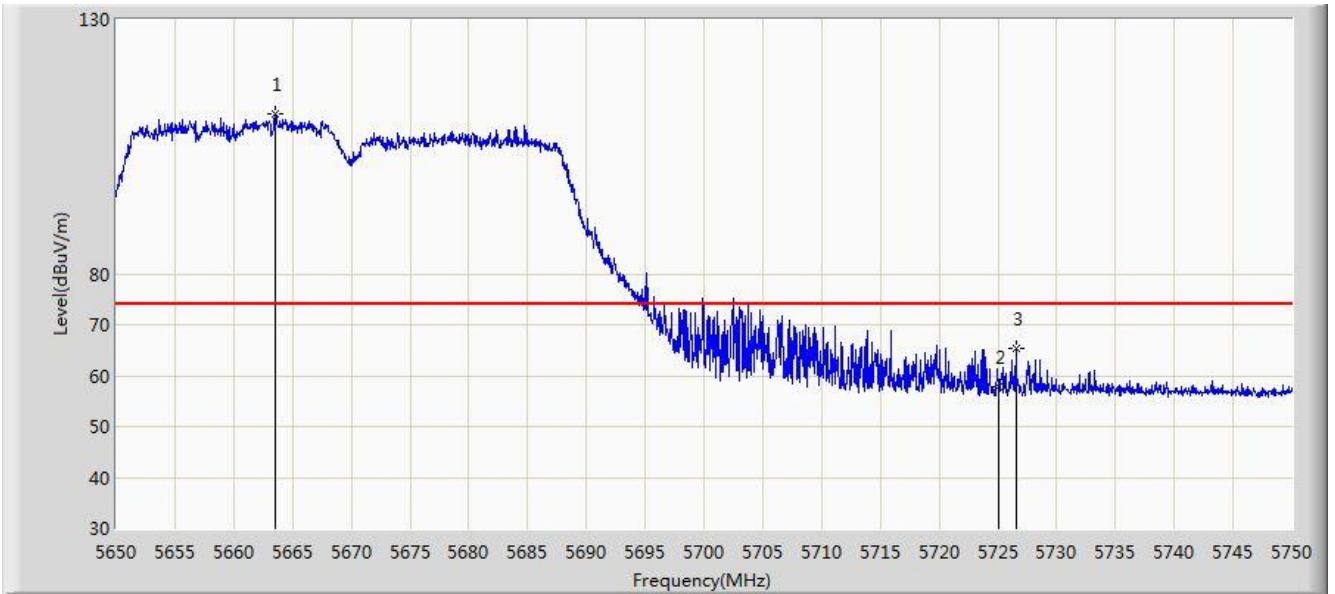


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5667.400	102.240	97.503	N/A	N/A	4.737	AV
2			5725.000	47.325	42.296	-6.675	54.000	5.029	AV

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: 2017/10/18 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0 + 1 (Beam-Forming Mode)	

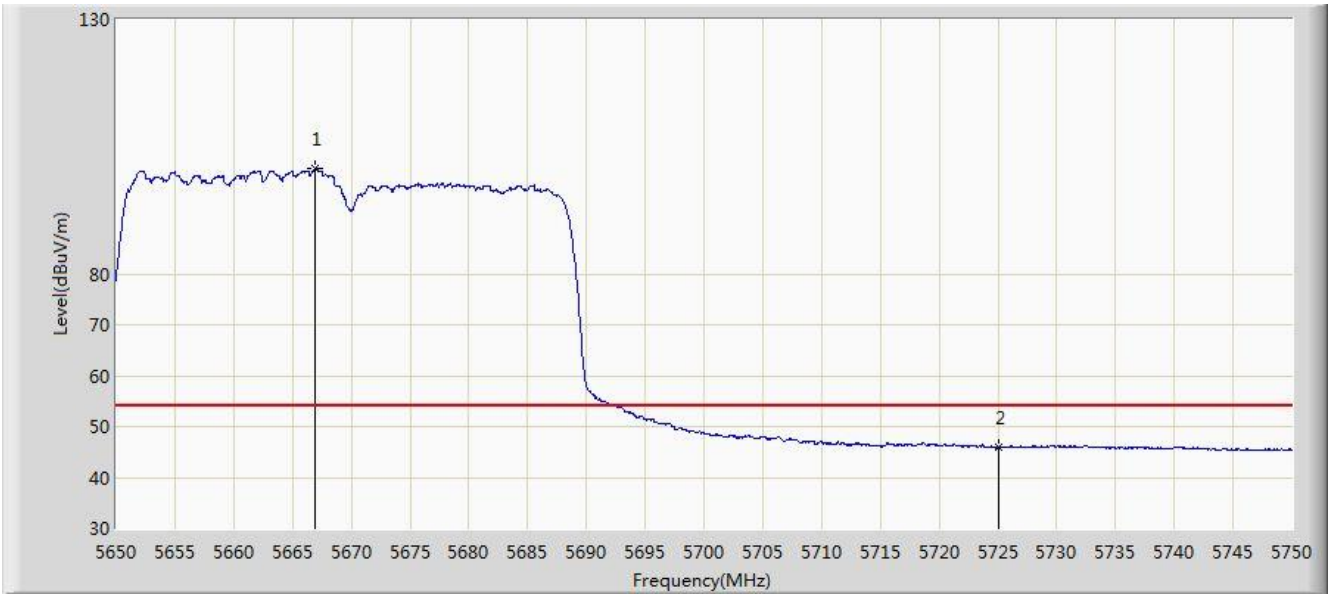


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5663.500	111.415	106.694	N/A	N/A	4.722	PK
2			5725.000	57.827	52.798	-16.173	74.000	5.029	PK
3			5726.550	65.235	60.196	-8.765	74.000	5.039	PK

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: 2017/10/18 - 23:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0 + 1 (Beam-Forming Mode)	

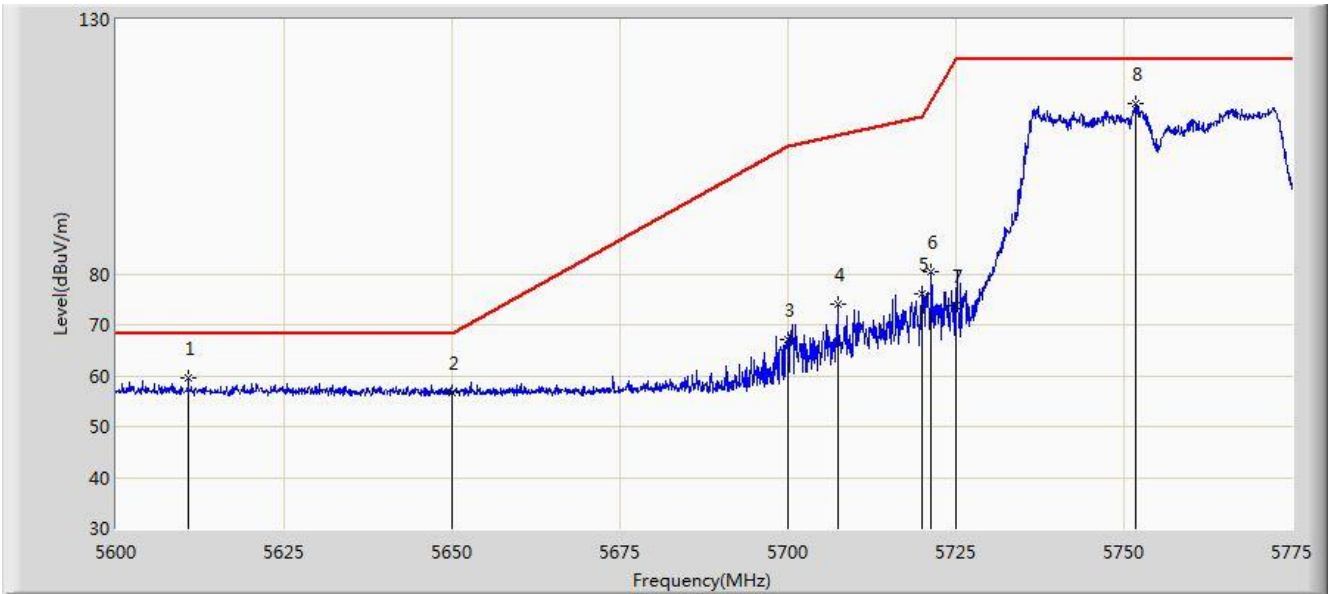


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5666.950	100.776	96.041	N/A	N/A	4.734	AV
2			5725.000	45.946	40.917	-8.054	54.000	5.029	AV

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: 2017/10/18 - 23:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

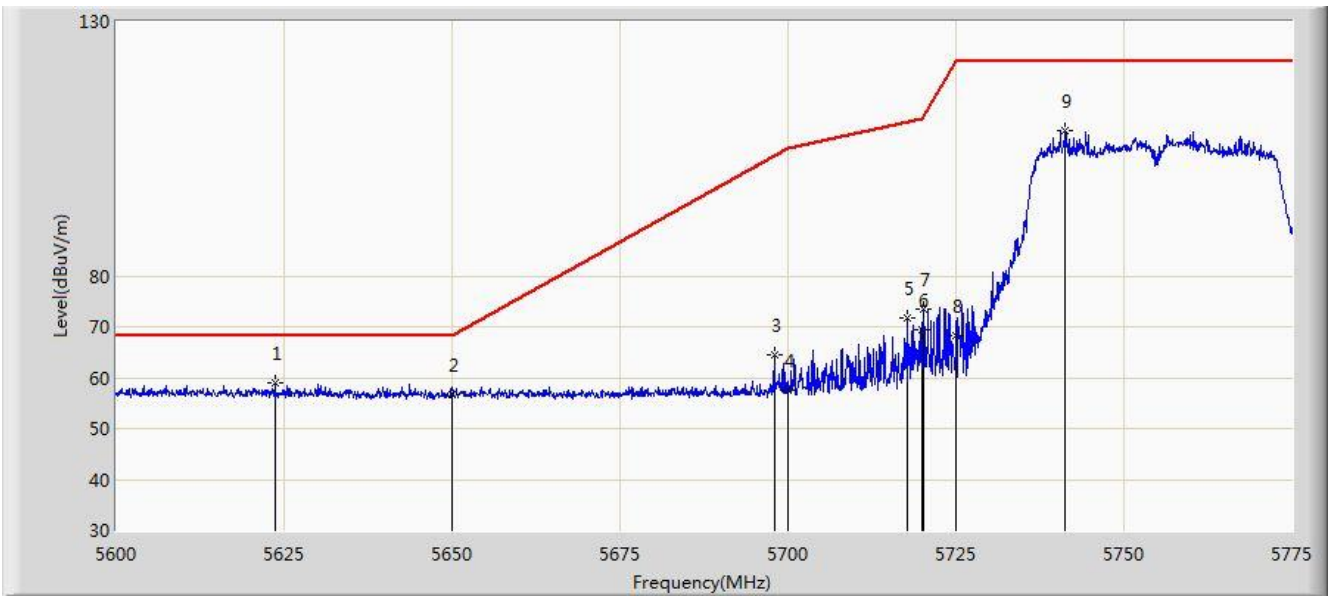


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5610.763	59.576	55.022	-8.624	68.200	4.554	PK
2			5650.000	56.665	51.994	-11.535	68.200	4.671	PK
3			5700.000	67.107	62.229	-38.093	105.200	4.878	PK
4			5707.362	73.963	69.046	-33.300	107.264	4.917	PK
5			5720.000	76.224	71.227	-34.576	110.800	4.997	PK
6			5721.362	80.341	75.335	-33.566	113.906	5.006	PK
7			5725.000	73.875	68.846	-48.325	122.200	5.029	PK
8		*	5751.725	113.416	108.223	N/A	N/A	5.193	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: 2017/10/18 - 23:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

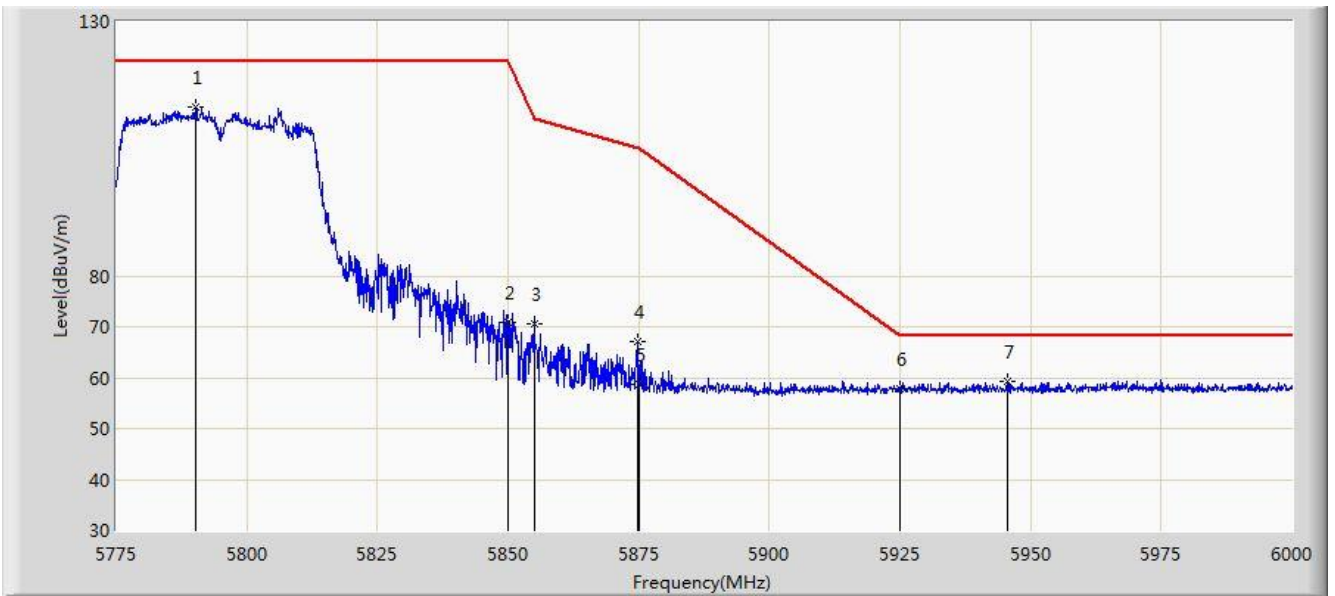


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5623.625	58.877	54.286	-9.323	68.200	4.592	PK
2			5650.000	56.702	52.031	-11.498	68.200	4.671	PK
3			5698.000	64.422	59.554	-39.305	103.726	4.868	PK
4			5700.000	57.549	52.671	-47.651	105.200	4.878	PK
5			5717.687	71.851	66.869	-38.302	110.153	4.982	PK
6			5720.000	69.297	64.300	-41.503	110.800	4.997	PK
7			5720.225	73.556	68.558	-37.757	111.313	4.999	PK
8			5725.000	68.248	63.219	-53.952	122.200	5.029	PK
9		*	5741.225	108.610	103.478	N/A	N/A	5.132	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: 2017/10/18 - 23:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

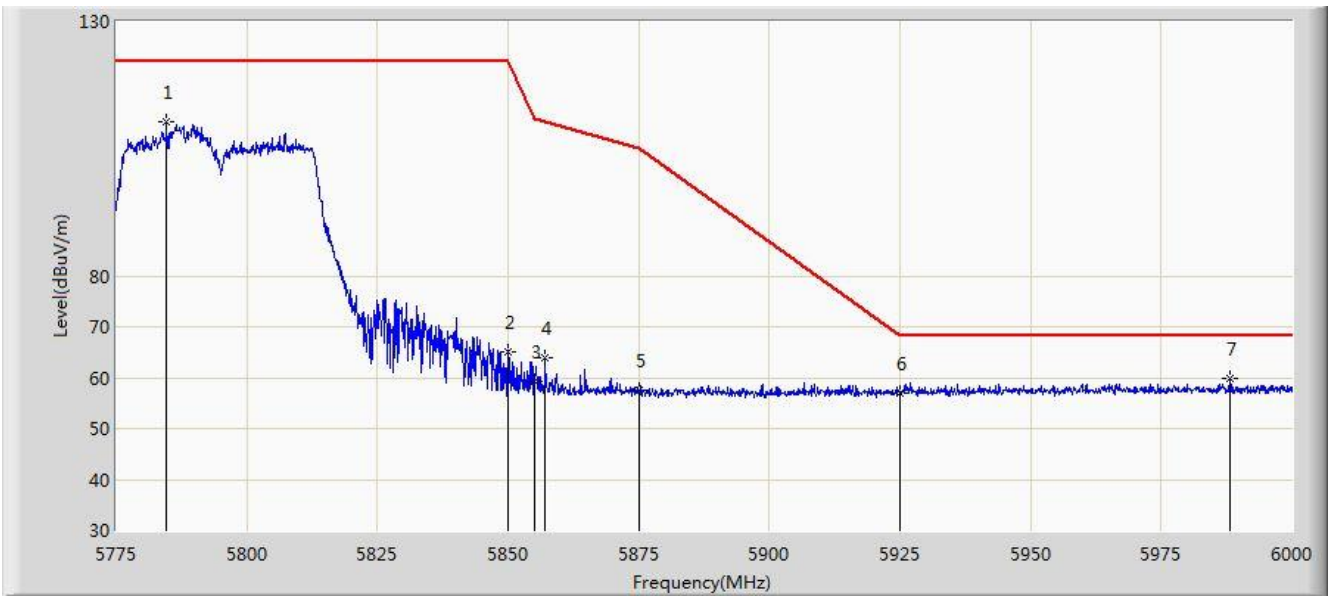


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.187	113.094	107.701	N/A	N/A	5.392	PK
2			5850.000	70.902	65.176	-51.298	122.200	5.726	PK
3			5855.000	70.668	64.922	-40.132	110.800	5.746	PK
4			5874.675	67.146	61.327	-38.145	105.291	5.819	PK
5			5875.000	58.783	52.963	-46.417	105.200	5.820	PK
6			5925.000	57.894	51.928	-10.306	68.200	5.967	PK
7			5945.550	59.204	53.187	-8.996	68.200	6.017	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: 2017/10/18 - 23:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

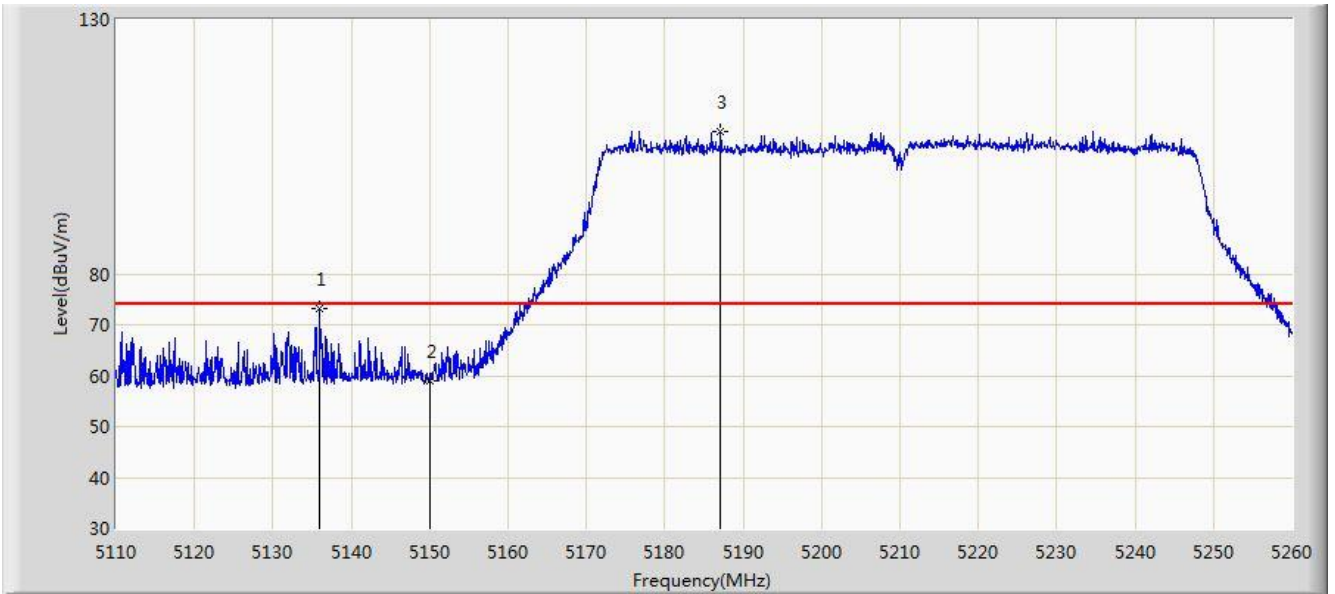


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.675	110.370	105.005	N/A	N/A	5.365	PK
2			5850.000	65.091	59.365	-57.109	122.200	5.726	PK
3			5855.000	59.166	53.420	-51.634	110.800	5.746	PK
4			5857.125	63.804	58.049	-46.400	110.204	5.755	PK
5			5875.000	57.590	51.770	-47.610	105.200	5.820	PK
6			5925.000	57.086	51.120	-11.114	68.200	5.967	PK
7			5988.187	59.874	53.783	-8.326	68.200	6.091	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: 2017/10/19 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

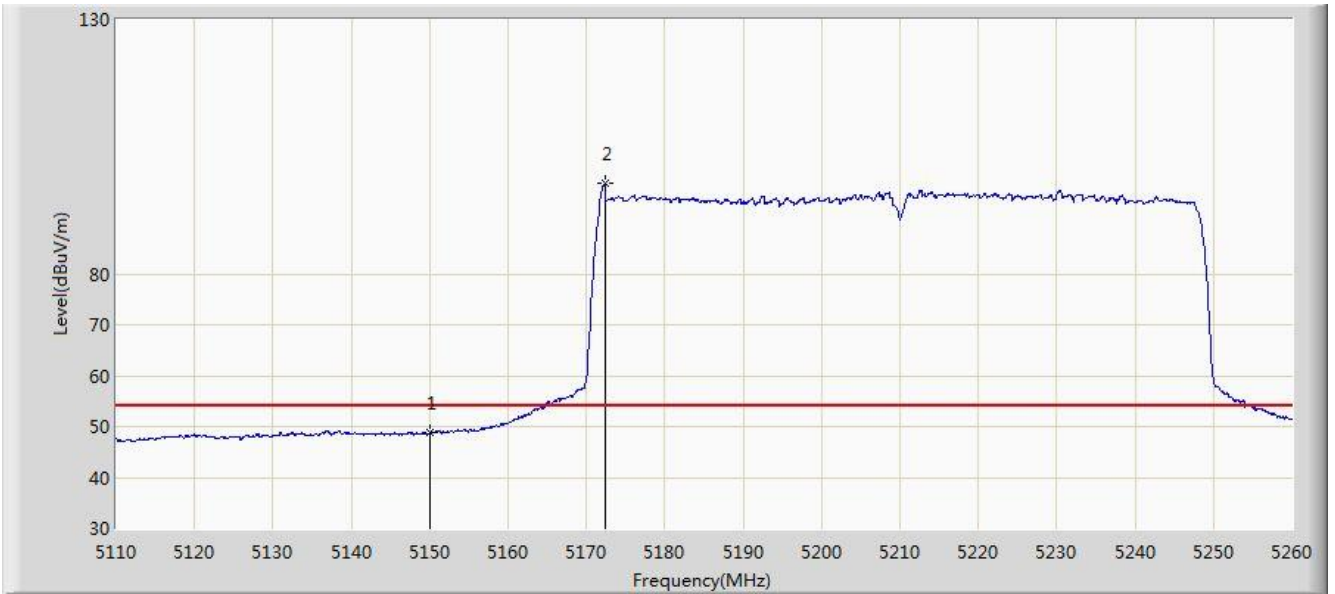


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.025	73.186	69.011	-0.814	74.000	4.175	PK
2			5150.000	58.989	54.820	-15.011	74.000	4.170	PK
3		*	5187.100	107.911	103.867	N/A	N/A	4.045	PK

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

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

Site: AC1	Time: 2017/10/19 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

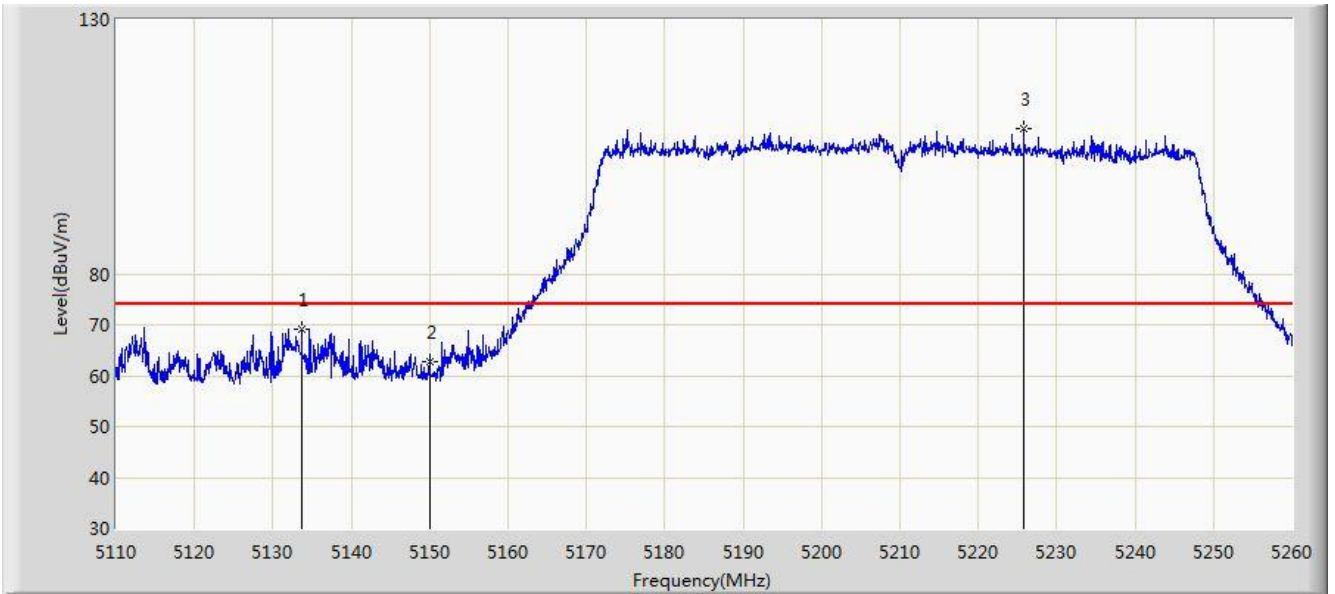


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.783	44.614	-5.217	54.000	4.170	AV
2		*	5172.400	97.888	93.792	N/A	N/A	4.096	AV

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

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

Site: AC1	Time: 2017/10/19 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

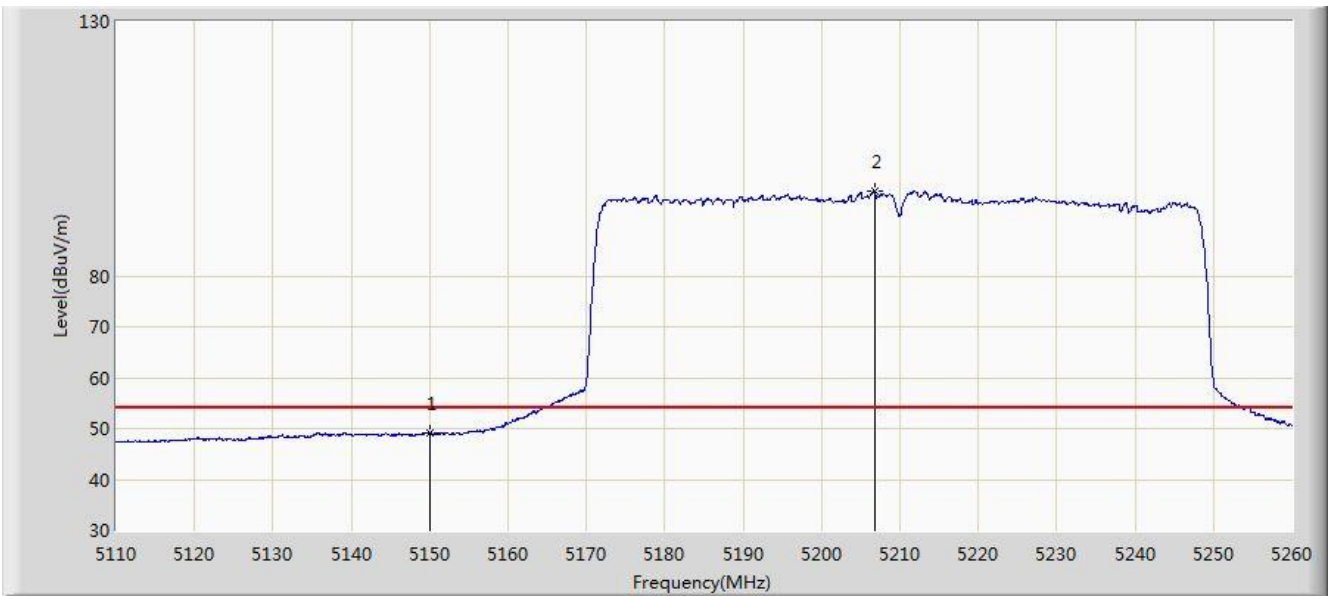


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.700	69.024	64.849	-4.976	74.000	4.175	PK
2			5150.000	62.632	58.463	-11.368	74.000	4.170	PK
3		*	5225.800	108.509	104.587	N/A	N/A	3.922	PK

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: 2017/10/19 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

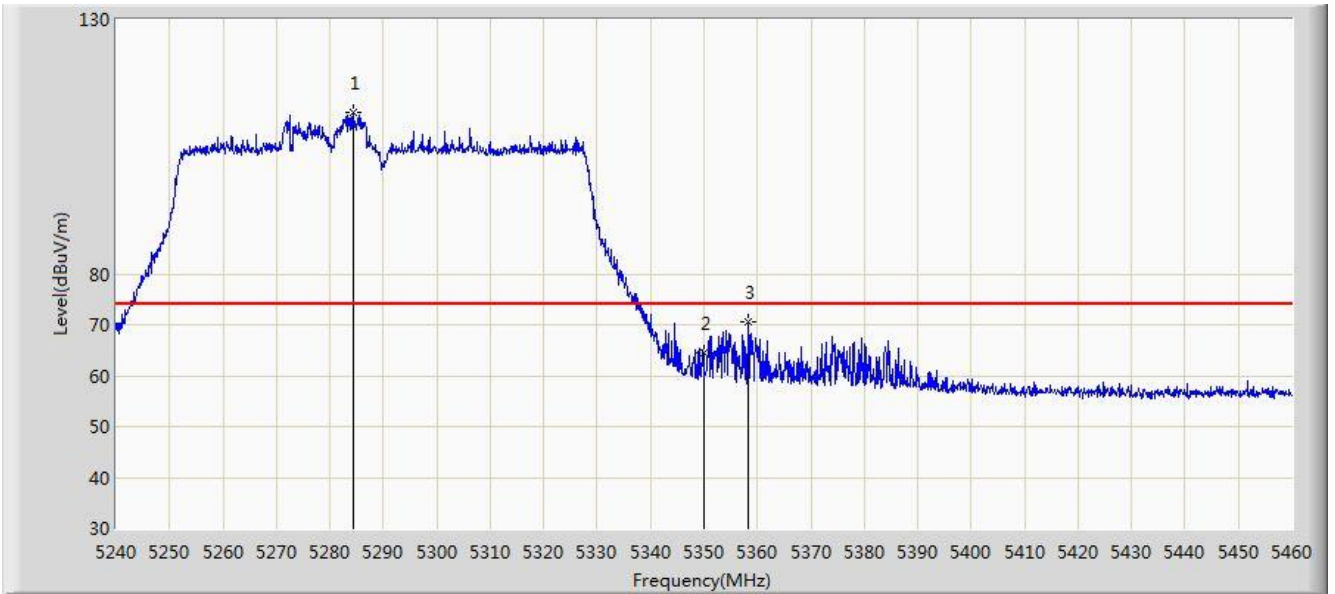


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.036	44.867	-4.964	54.000	4.170	AV
2		*	5206.750	96.637	92.659	N/A	N/A	3.979	AV

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: 2017/10/19 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0 + 1 (Beam-Forming Mode)	

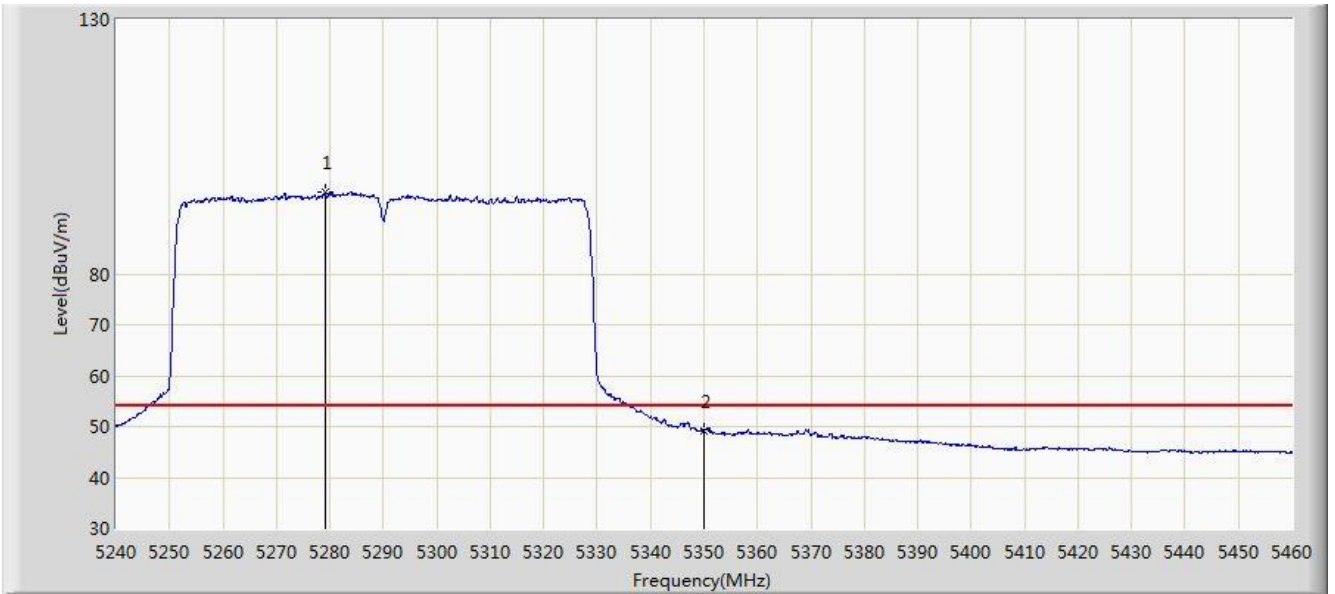


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5284.330	111.672	107.848	N/A	N/A	3.824	PK
2			5350.000	64.384	60.479	-9.616	74.000	3.904	PK
3			5358.250	70.553	66.633	-3.447	74.000	3.919	PK

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: 2017/10/19 - 00:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0 + 1 (Beam-Forming Mode)	

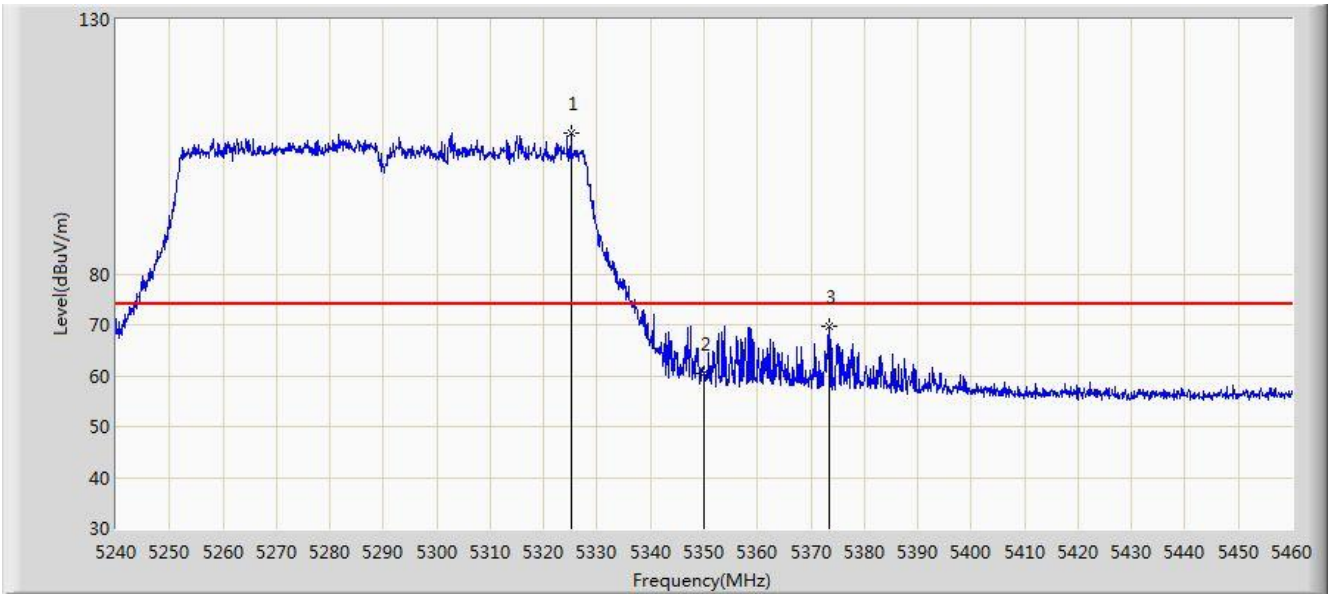


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5279.160	96.004	92.176	N/A	N/A	3.827	AV
2			5350.000	49.177	45.272	-4.823	54.000	3.904	AV

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: 2017/10/19 - 00:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0 + 1 (Beam-Forming Mode)	

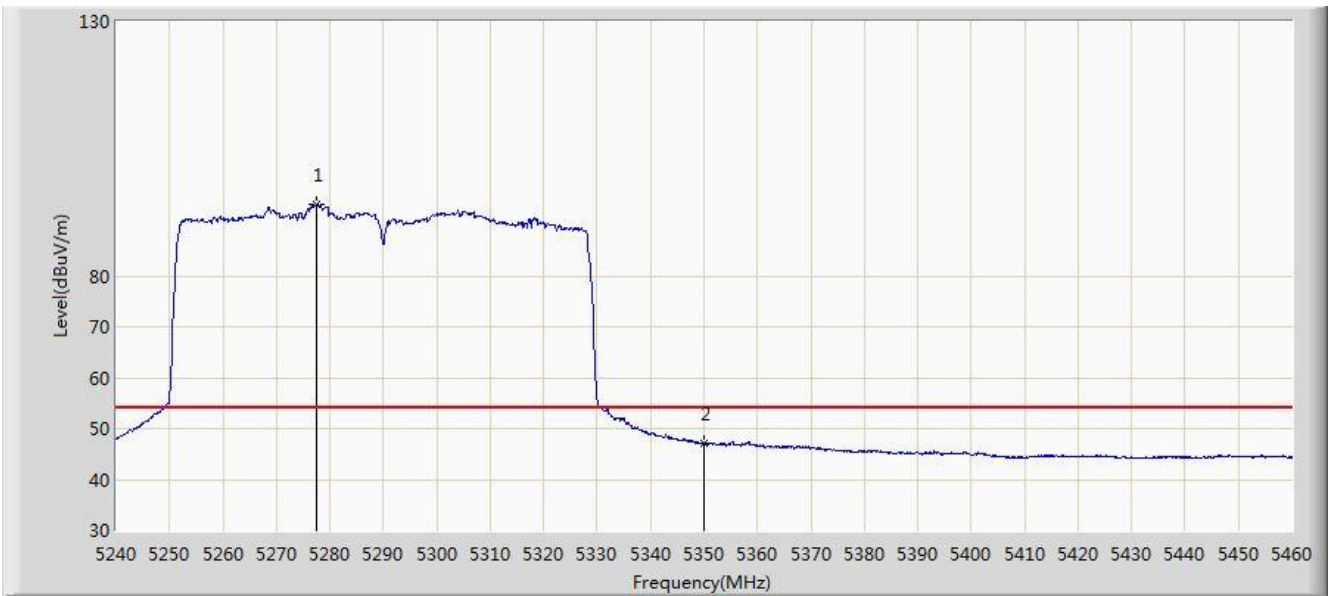


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.140	107.790	103.932	N/A	N/A	3.858	PK
2			5350.000	60.315	56.410	-13.685	74.000	3.904	PK
3			5373.320	69.682	65.735	-4.318	74.000	3.947	PK

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: 2017/10/19 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0 + 1 (Beam-Forming Mode)	

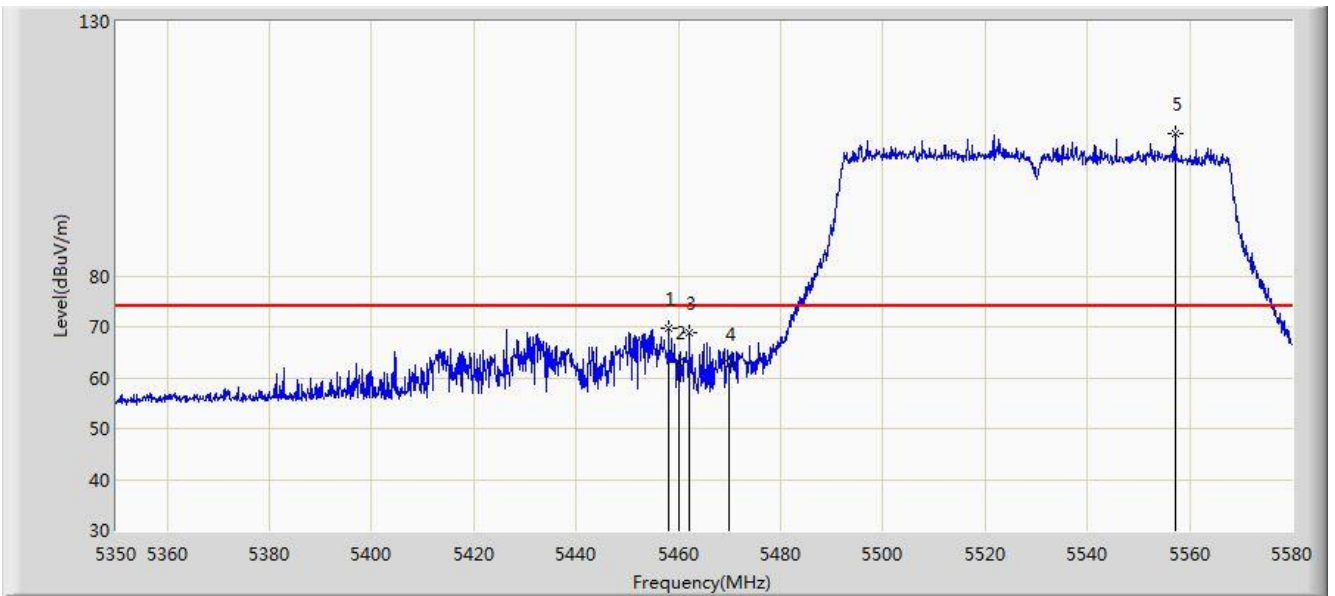


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5277.620	94.171	90.342	N/A	N/A	3.829	AV
2			5350.000	47.216	43.311	-6.784	54.000	3.904	AV

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: 2017/10/19 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0 + 1 (Beam-Forming Mode)	

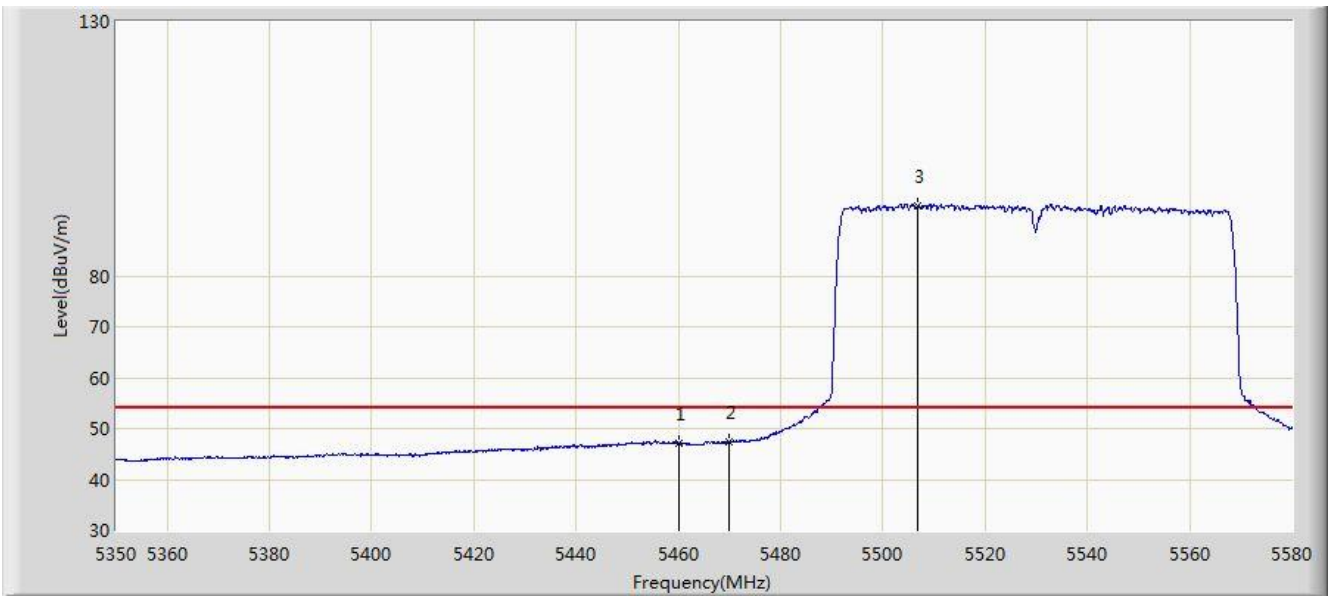


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.100	69.720	65.544	-4.280	74.000	4.176	PK
2			5460.000	62.991	58.811	-11.009	74.000	4.180	PK
3			5462.125	68.788	64.603	-5.212	74.000	4.185	PK
4			5470.000	62.804	58.602	-11.196	74.000	4.202	PK
5		*	5557.115	108.107	103.671	N/A	N/A	4.437	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: 2017/10/19 - 00:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0 + 1 (Beam-Forming Mode)	

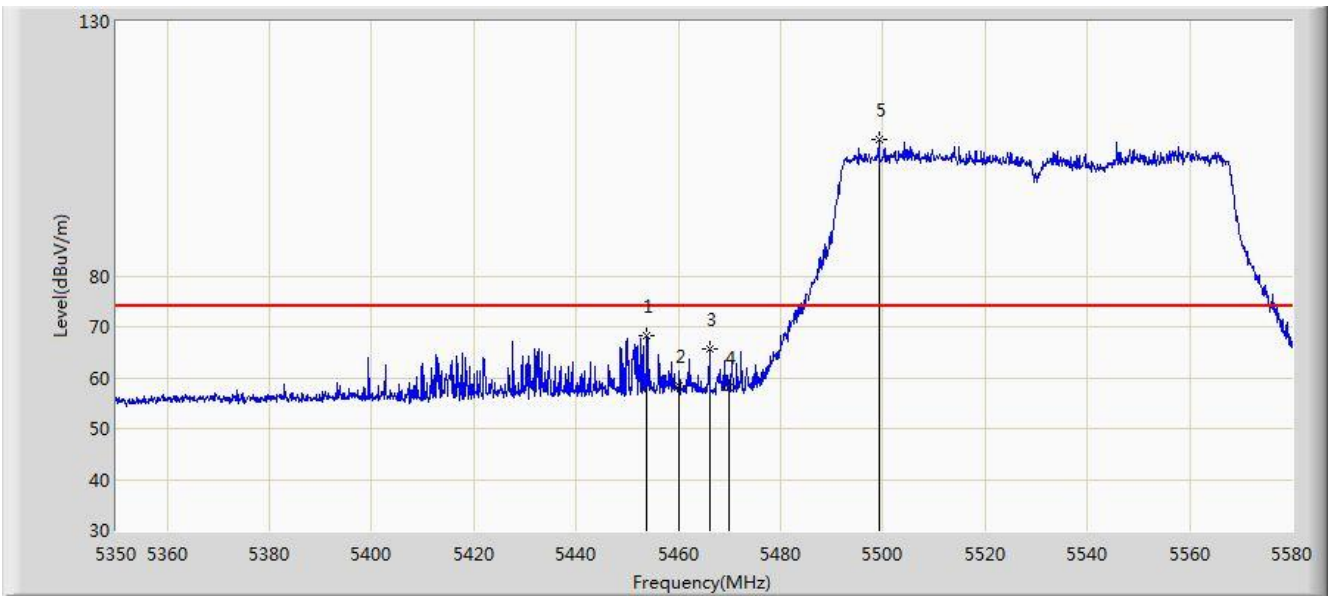


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.106	42.926	-6.894	54.000	4.180	AV
2			5470.000	47.256	43.054	-6.744	54.000	4.202	AV
3		*	5506.860	93.874	89.582	N/A	N/A	4.292	AV

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: 2017/10/19 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0 + 1 (Beam-Forming Mode)	

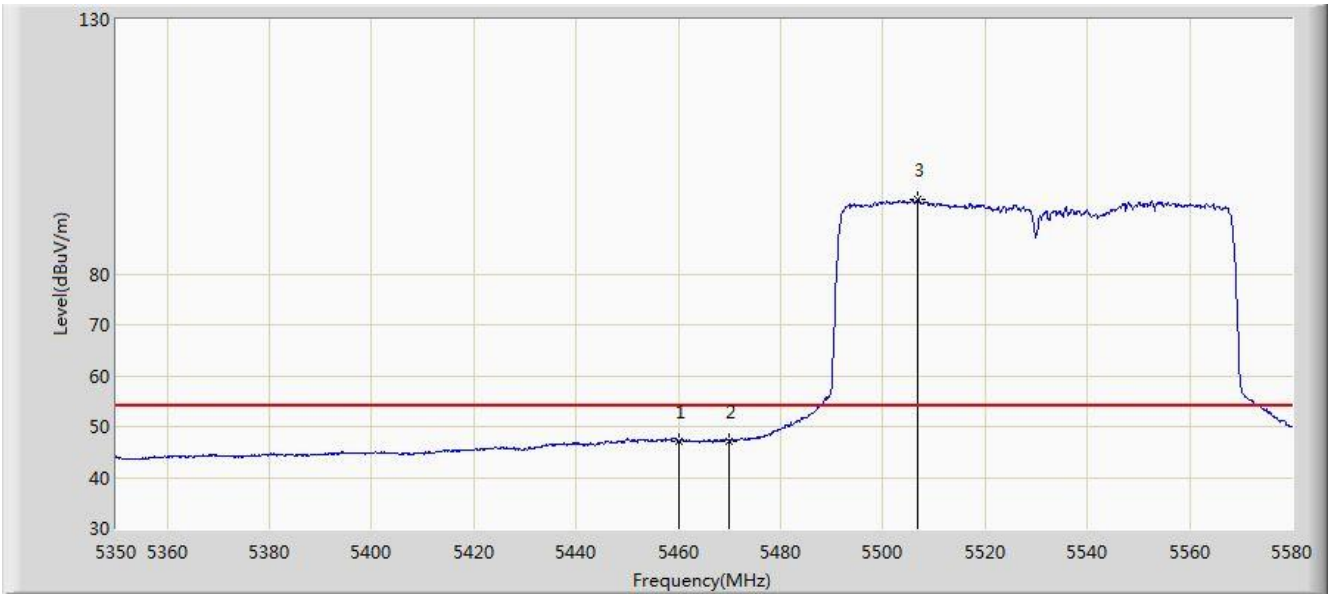


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.845	68.314	64.147	-5.686	74.000	4.168	PK
2			5460.000	58.346	54.166	-15.654	74.000	4.180	PK
3			5466.035	65.726	61.533	-8.274	74.000	4.193	PK
4			5470.000	58.091	53.889	-15.909	74.000	4.202	PK
5		*	5499.155	106.766	102.496	N/A	N/A	4.270	PK

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

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

Site: AC1	Time: 2017/10/19 - 00:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0 + 1 (Beam-Forming Mode)	

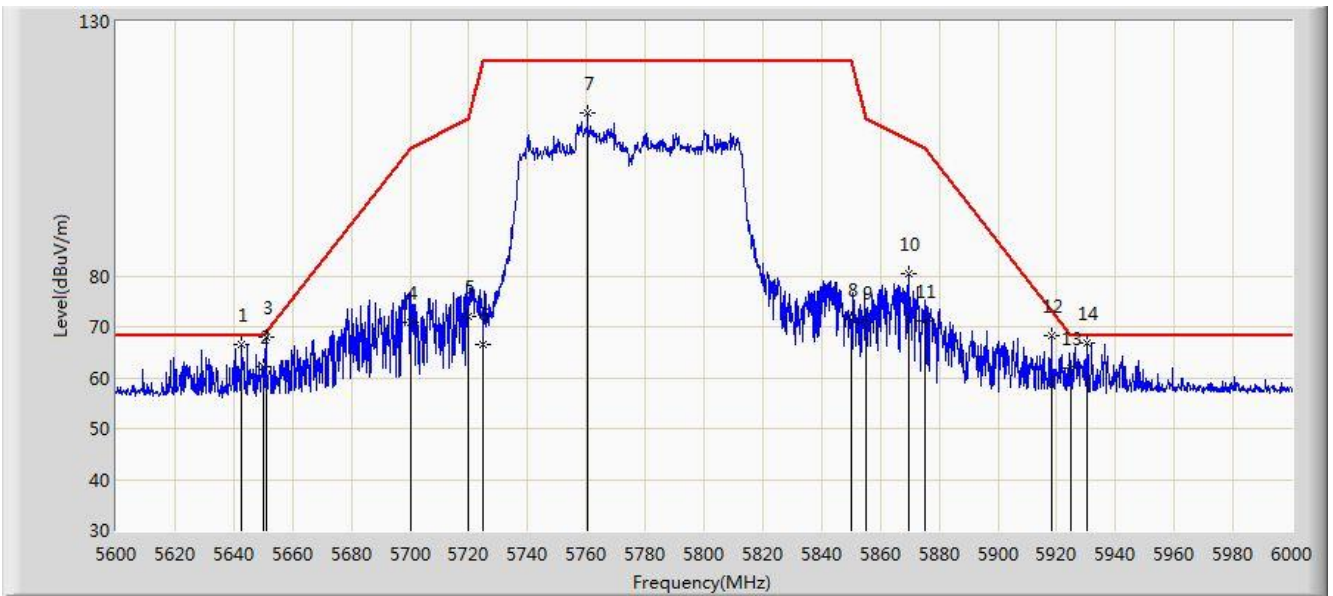


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.228	43.048	-6.772	54.000	4.180	AV
2			5470.000	47.221	43.019	-6.779	54.000	4.202	AV
3		*	5506.860	94.749	90.457	N/A	N/A	4.292	AV

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

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

Site: AC1	Time: 2017/10/19 - 00:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 (Beam-Forming Mode)	

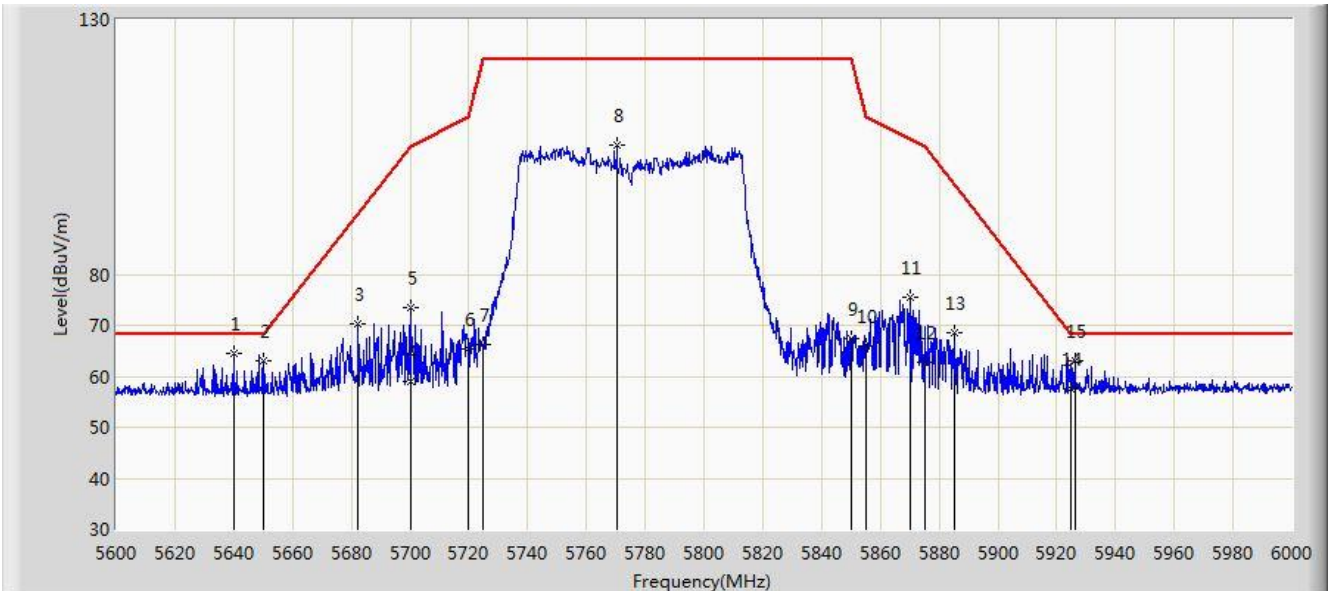


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.800	66.439	61.792	-1.761	68.200	4.646	PK
2			5650.000	62.109	57.438	-6.091	68.200	4.671	PK
3			5651.000	67.885	63.211	-1.058	68.943	4.674	PK
4			5700.000	70.774	65.896	-34.426	105.200	4.878	PK
5			5720.000	71.887	66.890	-38.913	110.800	4.997	PK
6			5725.000	66.570	61.541	-55.630	122.200	5.029	PK
7		*	5760.400	112.038	106.796	N/A	N/A	5.242	PK
8			5850.000	71.566	65.840	-50.634	122.200	5.726	PK
9			5855.000	70.934	65.188	-39.866	110.800	5.746	PK
10			5869.800	80.349	74.547	-26.305	106.654	5.802	PK
11			5875.000	71.073	65.253	-34.127	105.200	5.820	PK
12			5918.200	68.156	62.206	-5.058	73.214	5.950	PK
13			5925.000	61.983	56.017	-6.217	68.200	5.967	PK
14			5930.400	66.762	60.782	-1.438	68.200	5.979	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: 2017/10/19 - 00:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.000	64.394	59.756	-3.806	68.200	4.638	PK
2			5650.000	62.991	58.320	-5.209	68.200	4.671	PK
3			5682.400	70.275	65.478	-21.938	92.213	4.797	PK
4			5700.000	58.891	54.013	-46.309	105.200	4.878	PK
5			5700.200	73.565	68.686	-31.691	105.256	4.879	PK
6			5720.000	65.490	60.493	-45.310	110.800	4.997	PK
7			5725.000	66.182	61.153	-56.018	122.200	5.029	PK
8		*	5770.400	105.395	100.102	N/A	N/A	5.292	PK
9			5850.000	67.470	61.744	-54.730	122.200	5.726	PK
10			5855.000	65.950	60.204	-44.850	110.800	5.746	PK
11			5870.200	75.594	69.791	-30.948	106.542	5.803	PK
12			5875.000	62.612	56.792	-42.588	105.200	5.820	PK
13			5885.200	68.657	62.802	-28.970	97.626	5.854	PK
14			5925.000	57.401	51.435	-10.799	68.200	5.967	PK
15			5926.200	62.968	56.999	-5.232	68.200	5.969	PK

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

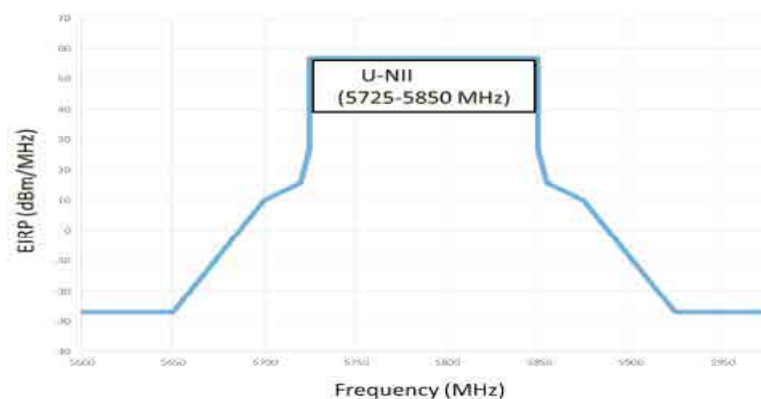
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

5.8. 不必要之發射

5.8.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.3 節：

在 5.725 GHz~5.850 GHz 的頻段操作之發射器：所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) ≤ 27 dBm/MHz~15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz~25 MHz，有效等向輻射功率(EIRP) ≤ 15.6 dBm/MHz~10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz~75 MHz，有效等向輻射功率(EIRP) ≤ 10 dBm/MHz~-27 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 ≥ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) ≤ -27 dBm/MHz；



測量不必要發射時，應使用之最低解析頻寬為 1 MHz。必要時，於頻帶邊緣附近可使用小於 1 MHz 之解析頻寬，並以補償方式計算其總值。

當測量不必要發射之限制值時，應將待測物的載波頻率調整到儘可能接近設備設計所允許的上、下頻帶邊緣。

在 1 GHz 以下不必要之發射，應符合 2.8 之規定，任何使用市電為供應電源之設備亦須符合 2.3 之電源線傳導限制值。

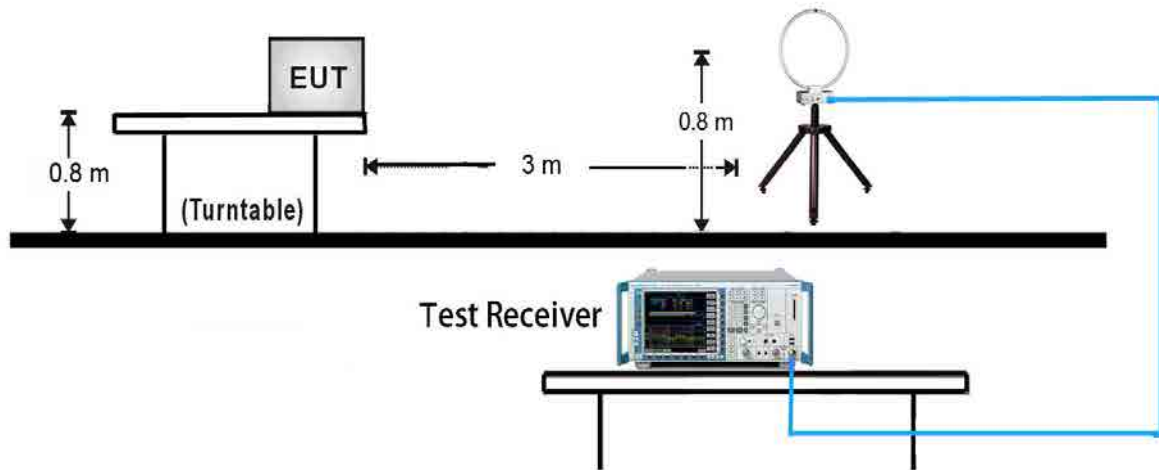
不必要發射頻率屬 2.7 規定頻段者，應符合 2.8 之規定。

5.8.2. 量測方法

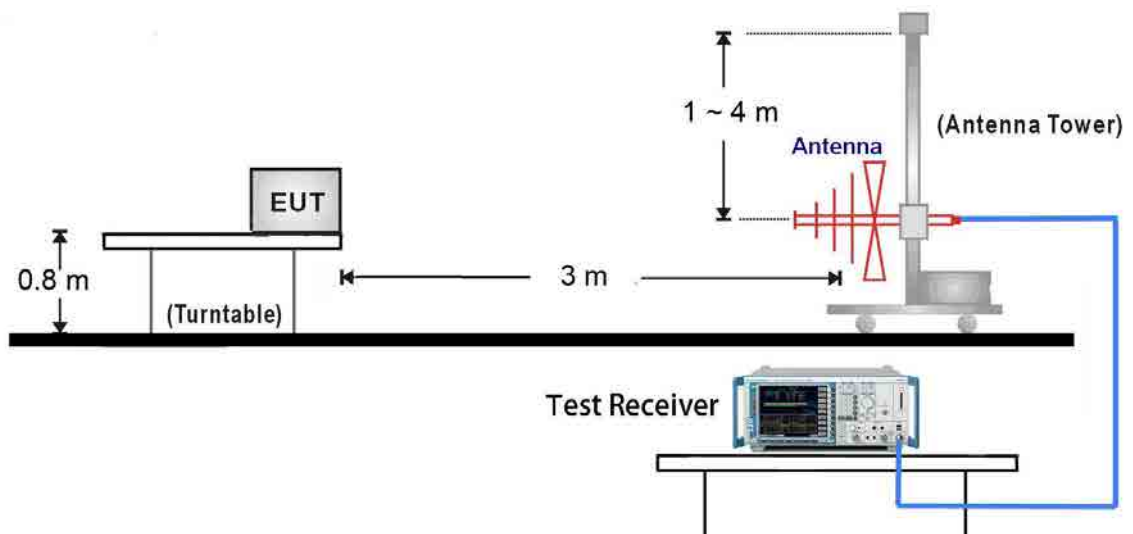
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.8.3. 測試架構圖

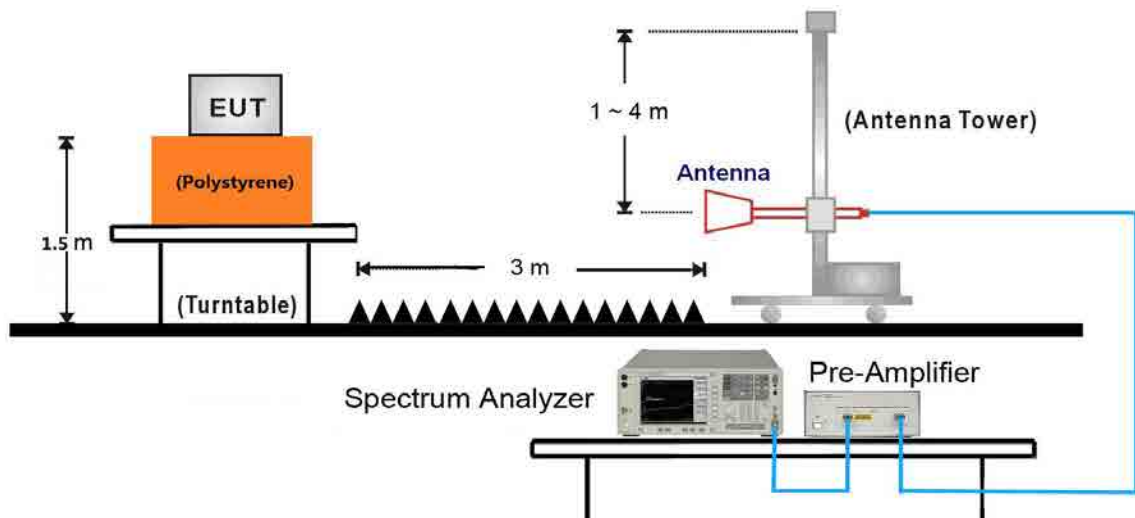
Under 30MHz Test Setup



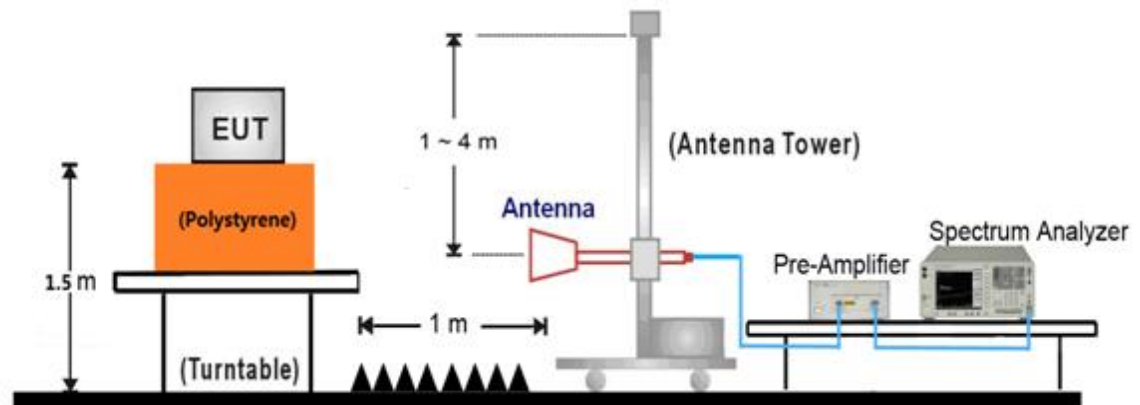
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup

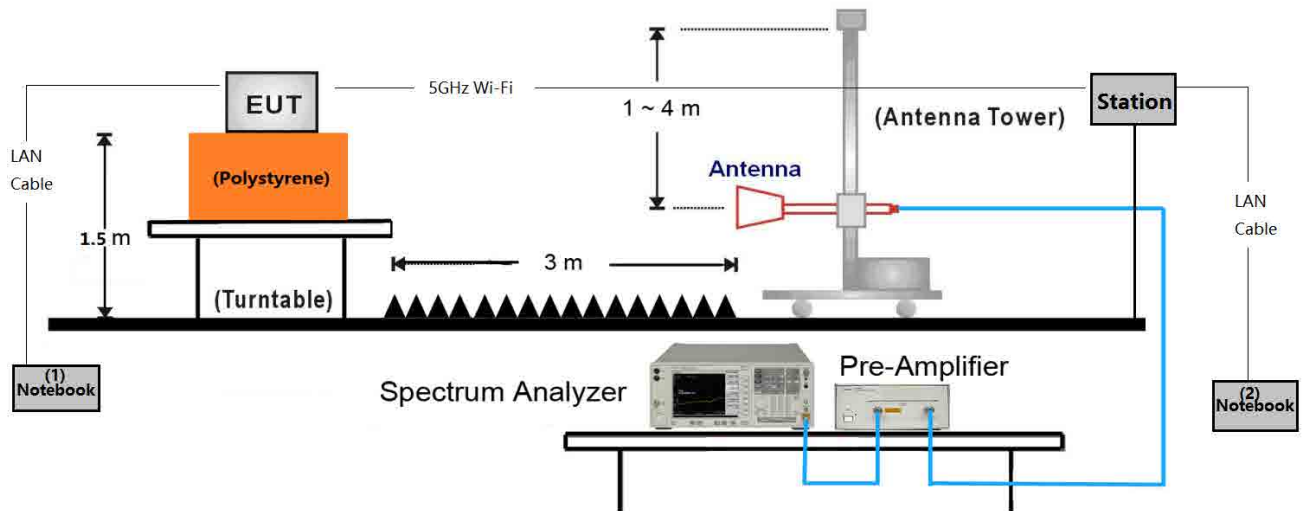


18GHz ~40GHz Test Setup



Note: This item was performed with the WIFI antenna connected.

Additional Beam-Forming Mode Test Setup (Apply to all BF radiated emission test frequency range)



Make the EUT connect with the station by 5GHz wireless.

Input some commands in the notebook (1) to open the EUT Beam Forming function, and setup the related test channel & data rate & power setting.

Make the notebook (1) ping with notebook (2) using the “iperf” software.

5.8.4. 不必要之發射測試結果

Radiated Spurious Emission - Spot Check Test Data

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10290.5	34.6	16.6	51.2	68.2	-17.0	Peak	Horizontal
	11157.5	32.4	18.7	51.1	74.0	-22.9	Peak	Horizontal
	11548.5	32.4	19.4	51.8	74.0	-22.2	Peak	Horizontal
*	8624.5	33.7	13.5	47.2	68.2	-21.0	Peak	Vertical
*	9950.5	34.3	15.3	49.6	68.2	-18.6	Peak	Vertical
	10945.0	32.8	18.4	51.2	74.0	-22.8	Peak	Vertical
	11693.0	32.0	19.2	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10018.5	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	10962.0	33.2	18.4	51.6	74.0	-22.4	Peak	Horizontal
	11540.0	32.2	19.4	51.6	74.0	-22.4	Peak	Horizontal
*	8794.5	31.0	13.9	44.9	68.2	-23.3	Peak	Vertical
*	9789.0	35.3	15.0	50.3	68.2	-17.9	Peak	Vertical
	10860.0	33.0	18.2	51.2	74.0	-22.8	Peak	Vertical
	11540.0	32.0	19.4	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	32.4	14.0	46.4	68.2	-21.8	Peak	Horizontal
*	9772.0	35.1	14.9	50.0	68.2	-18.2	Peak	Horizontal
	10877.0	32.9	18.2	51.1	74.0	-22.9	Peak	Horizontal
	11625.0	32.0	19.4	51.4	74.0	-22.6	Peak	Horizontal
*	8811.5	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
*	9967.5	34.1	15.3	49.4	68.2	-18.8	Peak	Vertical
	10919.5	32.8	18.4	51.2	74.0	-22.8	Peak	Vertical
	11599.5	32.0	19.4	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	33.1	13.6	46.7	68.2	-21.5	Peak	Horizontal
*	10341.5	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	10970.5	32.7	18.4	51.1	74.0	-22.9	Peak	Horizontal
	11548.5	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	8803.0	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
*	10290.5	34.3	16.6	50.9	68.2	-17.3	Peak	Vertical
	11055.5	32.2	18.5	50.7	74.0	-23.3	Peak	Vertical
	12109.5	31.6	18.9	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	31.6	13.9	45.5	68.2	-22.7	Peak	Horizontal
*	10222.5	34.3	16.3	50.6	68.2	-17.6	Peak	Horizontal
	11523.0	32.6	19.4	52.0	74.0	-22.0	Peak	Horizontal
	12092.5	31.9	18.9	50.8	74.0	-23.2	Peak	Horizontal
*	8820.0	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
*	10197.0	34.4	16.2	50.6	68.2	-17.6	Peak	Vertical
	10911.0	32.8	18.4	51.2	74.0	-22.8	Peak	Vertical
	11548.5	32.2	19.4	51.6	74.0	-22.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	32.6	14.0	46.6	68.2	-21.6	Peak	Horizontal
*	9772.0	33.7	14.9	48.6	68.2	-19.6	Peak	Horizontal
	10979.0	32.7	18.5	51.2	74.0	-22.8	Peak	Horizontal
	11574.0	31.7	19.5	51.2	74.0	-22.8	Peak	Horizontal
*	8777.5	32.3	13.9	46.2	68.2	-22.0	Peak	Vertical
*	10027.0	34.1	15.4	49.5	68.2	-18.7	Peak	Vertical
	11055.5	33.1	18.5	51.6	74.0	-22.4	Peak	Vertical
	11616.5	32.8	19.4	52.2	74.0	-21.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	31.9	13.9	45.8	68.2	-22.4	Peak	Horizontal
*	10299.0	33.9	16.6	50.5	68.2	-17.7	Peak	Horizontal
	11157.5	32.8	18.7	51.5	74.0	-22.5	Peak	Horizontal
	11642.0	32.4	19.4	51.8	74.0	-22.2	Peak	Horizontal
*	8803.0	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
*	10018.5	33.7	15.4	49.1	68.2	-19.1	Peak	Vertical
	10996.0	33.2	18.5	51.7	74.0	-22.3	Peak	Vertical
	11489.0	32.0	19.3	51.3	74.0	-22.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	31.6	13.9	45.5	68.2	-22.7	Peak	Horizontal
*	10044.0	33.8	15.5	49.3	68.2	-18.9	Peak	Horizontal
	10996.0	32.6	18.5	51.1	74.0	-22.9	Peak	Horizontal
	11557.0	32.1	19.5	51.6	74.0	-22.4	Peak	Horizontal
*	8862.5	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
*	10129.0	34.2	15.9	50.1	68.2	-18.1	Peak	Vertical
	10928.0	33.0	18.4	51.4	74.0	-22.6	Peak	Vertical
	11548.5	32.6	19.4	52.0	74.0	-22.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	33.2	14.0	47.2	68.2	-21.0	Peak	Horizontal
*	10282.0	34.3	16.5	50.8	68.2	-17.4	Peak	Horizontal
	11115.0	32.2	18.6	50.8	74.0	-23.2	Peak	Horizontal
	11565.5	32.0	19.5	51.5	74.0	-22.5	Peak	Horizontal
*	8803.0	33.0	14.0	47.0	68.2	-21.2	Peak	Vertical
*	10273.5	34.6	16.5	51.1	68.2	-17.1	Peak	Vertical
	10953.5	33.0	18.4	51.4	74.0	-22.6	Peak	Vertical
	11633.5	31.7	19.4	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	35.9	14.8	50.7	68.2	-17.5	Peak	Horizontal
*	10392.5	33.8	16.9	50.7	68.2	-17.5	Peak	Horizontal
	11251.0	32.6	18.8	51.4	74.0	-22.6	Peak	Horizontal
	11531.5	32.3	19.4	51.7	74.0	-22.3	Peak	Horizontal
*	8811.5	32.6	14.0	46.6	68.2	-21.6	Peak	Vertical
*	10112.0	34.6	15.8	50.4	68.2	-17.8	Peak	Vertical
	10877.0	32.8	18.2	51.0	74.0	-23.0	Peak	Vertical
	11242.5	32.8	18.8	51.6	74.0	-22.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	32.0	14.0	46.0	68.2	-22.2	Peak	Horizontal
*	10129.0	34.4	15.9	50.3	68.2	-17.9	Peak	Horizontal
	10902.5	33.5	18.3	51.8	74.0	-22.2	Peak	Horizontal
	12024.5	33.1	18.8	51.9	74.0	-22.1	Peak	Horizontal
*	8828.5	33.5	14.0	47.5	68.2	-20.7	Peak	Vertical
*	10146.0	34.7	16.0	50.7	68.2	-17.5	Peak	Vertical
	11616.5	32.6	19.4	52.0	74.0	-22.0	Peak	Vertical
	11990.5	33.3	18.7	52.0	74.0	-22.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/09/20
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	32.2	14.0	46.2	68.2	-22.0	Peak	Horizontal
*	10469.0	33.7	17.1	50.8	68.2	-17.4	Peak	Horizontal
	11438.0	32.3	19.2	51.5	74.0	-22.5	Peak	Horizontal
	12143.5	32.7	18.9	51.6	74.0	-22.4	Peak	Horizontal
*	8862.5	32.3	14.0	46.3	68.2	-21.9	Peak	Vertical
*	10290.5	34.3	16.6	50.9	68.2	-17.3	Peak	Vertical
	10894.0	33.6	18.3	51.9	74.0	-22.1	Peak	Vertical
	11744.0	32.7	18.9	51.6	74.0	-22.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Reference Original Test Data

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	3. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
*	9772.0	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
	11574.0	31.7	19.5	51.2	54.0	-2.8	Peak	Horizontal
	15542.2	25.0	20.6	45.6	74.0	-28.4	Peak	Horizontal
	15542.2	25.0	20.6	45.6	54.0	-8.4	Average	Horizontal
*	8675.5	32.4	13.7	46.1	68.2	-22.1	Peak	Vertical
*	9899.5	30.6	15.4	46.0	68.2	-22.2	Peak	Vertical
	11285.0	30.4	18.8	49.2	54.0	-4.8	Peak	Vertical
	15535.0	35.2	20.6	55.8	74.0	-18.2	Peak	Vertical
	15542.3	23.8	20.6	44.4	54.0	-9.6	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	3. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	31.4	13.9	45.3	68.2	-22.9	Peak	Horizontal
*	10256.5	32.1	16.5	48.6	68.2	-19.6	Peak	Horizontal
	11608.0	31.5	19.4	50.9	54.0	-23.1	Peak	Horizontal
	15883.5	32.3	20.4	52.7	54.0	-1.3	Peak	Horizontal
*	8794.5	31.0	13.9	44.9	68.2	-3.3	Peak	Vertical
*	10069.5	32.7	15.6	48.3	68.2	-19.9	Peak	Vertical
	11608.0	31.6	19.4	51.0	54.0	-3.0	Peak	Vertical
	15849.5	32.7	20.4	53.1	54.0	-0.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	3. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	30.5	14.0	44.5	68.2	-23.7	Peak	Horizontal
*	9806.0	31.9	15.2	47.1	68.2	-21.1	Peak	Horizontal
	11412.5	30.8	19.1	49.9	54.0	-4.1	Peak	Horizontal
	15492.5	30.8	20.7	51.5	54.0	-2.5	Peak	Horizontal
*	8862.5	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
*	10163.0	30.5	16.0	46.5	68.2	-21.7	Peak	Vertical
	11548.5	29.3	19.4	48.7	54.0	-5.3	Peak	Vertical
	15577.5	30.3	20.5	50.8	54.0	-3.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
*	10231.0	33.1	16.4	49.5	68.2	-18.7	Peak	Horizontal
	11429.5	30.2	19.2	49.4	54.0	-4.6	Peak	Horizontal
	15654.0	31.6	20.4	52.0	54.0	-2.0	Peak	Horizontal
*	8718.0	29.5	13.8	43.3	68.2	-24.9	Peak	Vertical
*	9967.5	32.9	15.3	48.2	68.2	-20.0	Peak	Vertical
	11378.5	29.3	19.1	48.4	54.0	-5.6	Peak	Vertical
	15560.5	31.3	20.6	51.9	54.0	-2.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	30.2	13.9	44.1	68.2	-24.1	Peak	Horizontal
*	9721.0	31.4	14.7	46.1	68.2	-22.1	Peak	Horizontal
	11455.0	29.8	19.2	49.0	54.0	-5.0	Peak	Horizontal
	15492.5	31.1	20.7	51.8	54.0	-2.2	Peak	Horizontal
*	8828.5	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9857.0	30.3	16.2	46.5	68.2	-21.7	Peak	Vertical
	11378.5	29.5	19.1	48.6	54.0	-5.4	Peak	Vertical
	15773.0	31.6	20.4	52.0	54.0	-2.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	29.7	13.9	43.6	68.2	-24.6	Peak	Horizontal
*	9942.0	31.2	15.3	46.5	68.2	-21.7	Peak	Horizontal
	11234.0	28.5	18.8	47.3	54.0	-6.7	Peak	Horizontal
	15934.5	30.6	20.3	50.9	54.0	-3.1	Peak	Horizontal
*	8752.0	28.9	13.9	42.8	68.2	-25.4	Peak	Vertical
*	9993.0	30.9	15.4	46.3	68.2	-21.9	Peak	Vertical
	11786.5	29.3	18.8	48.1	54.0	-5.9	Peak	Vertical
	15526.5	30.1	20.6	50.7	54.0	-3.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	30.2	13.9	44.1	68.2	-24.1	Peak	Horizontal
*	9899.5	31.3	15.4	46.7	68.2	-21.5	Peak	Horizontal
	11191.5	29.8	18.7	48.5	54.0	-5.5	Peak	Horizontal
	15577.5	31.8	20.5	52.3	54.0	-1.7	Peak	Horizontal
*	8769.0	30.6	13.9	44.5	68.2	-23.7	Peak	Vertical
*	10069.5	30.1	15.6	45.7	68.2	-22.5	Peak	Vertical
	11259.5	28.4	18.8	47.2	54.0	-6.8	Peak	Vertical
	15696.5	30.5	20.5	51.0	54.0	-3.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
*	9976.0	30.0	15.3	45.3	68.2	-22.9	Peak	Horizontal
	11302.0	28.6	18.9	47.5	54.0	-6.5	Peak	Horizontal
	15773.0	30.6	20.4	51.0	54.0	-3.0	Peak	Horizontal
*	8837.0	29.6	14.0	43.6	68.2	-24.6	Peak	Vertical
*	9933.5	30.3	15.3	45.6	68.2	-22.6	Peak	Vertical
	11684.5	29.2	19.2	48.4	54.0	-5.6	Peak	Vertical
	15764.5	30.8	20.4	51.2	54.0	-2.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
*	10035.5	30.9	15.5	46.4	68.2	-21.8	Peak	Horizontal
	11735.5	29.4	19.0	48.4	54.0	-5.6	Peak	Horizontal
	15509.5	30.6	20.6	51.2	54.0	-2.8	Peak	Horizontal
*	8760.5	29.7	13.9	43.6	68.2	-24.6	Peak	Vertical
*	10324.5	31.9	16.7	48.6	68.2	-19.6	Peak	Vertical
	11404.0	34.4	19.1	53.5	54.0	-0.5	Peak	Vertical
	15781.5	30.5	20.4	50.9	54.0	-3.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
*	9993.0	30.8	15.4	46.2	68.2	-22.0	Peak	Horizontal
	11438.0	30.7	19.2	49.9	54.0	-4.1	Peak	Horizontal
	15773.0	30.6	20.4	51.0	54.0	-3.0	Peak	Horizontal
*	8820.0	29.3	14.0	43.3	68.2	-24.9	Peak	Vertical
*	9942.0	30.6	15.3	45.9	68.2	-22.3	Peak	Vertical
	11438.0	33.2	19.2	52.4	54.0	-1.6	Peak	Vertical
	15441.5	30.1	20.9	51.0	54.0	-3.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
*	10222.5	29.5	16.3	45.8	68.2	-22.4	Peak	Horizontal
	11608.0	29.7	19.4	49.1	54.0	-4.9	Peak	Horizontal
	15594.5	30.8	20.5	51.3	54.0	-2.7	Peak	Horizontal
*	8658.5	30.8	13.6	44.4	68.2	-23.8	Peak	Vertical
*	10188.5	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	11480.5	33.0	19.3	52.3	54.0	-1.7	Peak	Vertical
	15560.5	32.7	20.6	53.3	54.0	-0.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
*	10078.0	30.6	15.6	46.2	68.2	-22.0	Peak	Horizontal
	11208.5	30.3	18.8	49.1	54.0	-4.9	Peak	Horizontal
	15747.5	30.8	20.4	51.2	54.0	-2.8	Peak	Horizontal
*	8726.5	30.1	13.8	43.9	68.2	-24.3	Peak	Vertical
*	9814.5	31.6	15.4	47.0	68.2	-21.2	Peak	Vertical
	11565.5	33.4	19.5	52.9	54.0	-1.1	Peak	Vertical
	15586.0	30.8	20.5	51.3	54.0	-2.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	30.7	13.7	44.4	68.2	-23.8	Peak	Horizontal
*	9967.5	31.3	15.3	46.6	68.2	-21.6	Peak	Horizontal
	11591.0	31.2	19.5	50.7	54.0	-3.3	Peak	Horizontal
	15594.5	31.0	20.5	51.5	54.0	-2.5	Peak	Horizontal
*	8803.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9908.0	30.4	15.3	45.7	68.2	-22.5	Peak	Vertical
	11650.5	32.0	19.3	51.3	54.0	-2.7	Peak	Vertical
	15586.0	30.3	20.5	50.8	54.0	-3.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	29.3	13.9	43.2	68.2	-25.0	Peak	Horizontal
*	9993.0	30.7	15.4	46.1	68.2	-22.1	Peak	Horizontal
	11769.5	29.4	18.8	48.2	54.0	-5.8	Peak	Horizontal
	15654.0	32.1	20.4	52.5	54.0	-1.5	Peak	Horizontal
*	8837.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9687.0	34.1	14.6	48.7	68.2	-19.5	Peak	Vertical
	11684.5	30.2	19.2	49.4	54.0	-4.6	Peak	Vertical
	15526.5	30.6	20.6	51.2	54.0	-2.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
*	10214.0	30.3	16.3	46.6	68.2	-21.6	Peak	Horizontal
	11744.0	29.0	18.9	47.9	54.0	-6.1	Peak	Horizontal
	15501.0	31.2	20.6	51.8	54.0	-2.2	Peak	Horizontal
*	8718.0	29.8	13.8	43.6	68.2	-24.6	Peak	Vertical
*	10018.5	31.8	15.4	47.2	68.2	-21.0	Peak	Vertical
	11344.5	29.5	19.0	48.5	54.0	-5.5	Peak	Vertical
	16113.0	30.7	20.4	51.1	54.0	-2.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	29.6	13.8	43.4	68.2	-24.8	Peak	Horizontal
*	10103.5	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
	11327.5	28.9	18.9	47.8	54.0	-6.2	Peak	Horizontal
	15577.5	30.9	20.5	51.4	54.0	-2.6	Peak	Horizontal
*	8769.0	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
*	9925.0	30.8	15.3	46.1	68.2	-22.1	Peak	Vertical
	12058.5	31.5	18.8	50.3	54.0	-3.7	Peak	Vertical
	16062.0	31.7	20.3	52.0	54.0	-2.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.2	13.9	43.1	68.2	-25.1	Peak	Horizontal
*	10061.0	30.4	15.6	46.0	68.2	-22.2	Peak	Horizontal
	11480.5	29.7	19.3	49.0	54.0	-5.0	Peak	Horizontal
	15492.5	30.8	20.7	51.5	54.0	-2.5	Peak	Horizontal
*	8786.0	29.5	13.9	43.4	68.2	-24.8	Peak	Vertical
*	10180.0	30.1	16.1	46.2	68.2	-22.0	Peak	Vertical
	11531.5	29.4	19.4	48.8	54.0	-5.2	Peak	Vertical
	15730.5	31.1	20.5	51.6	54.0	-2.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
*	10129.0	32.8	15.9	48.7	68.2	-19.5	Peak	Horizontal
	11446.5	30.0	19.2	49.2	54.0	-4.8	Peak	Horizontal
	15611.5	31.8	20.5	52.3	54.0	-1.7	Peak	Horizontal
*	8794.5	29.2	13.9	43.1	68.2	-25.1	Peak	Vertical
*	9916.5	30.4	15.3	45.7	68.2	-22.5	Peak	Vertical
	11327.5	29.1	18.9	48.0	54.0	-6.0	Peak	Vertical
	15518.0	30.2	20.6	50.8	54.0	-3.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	29.5	14.0	43.5	68.2	-24.7	Peak	Horizontal
*	9738.0	31.6	14.8	46.4	68.2	-21.8	Peak	Horizontal
	11429.5	29.4	19.2	48.6	54.0	-5.4	Peak	Horizontal
	15569.0	32.7	20.6	53.3	54.0	-0.7	Peak	Horizontal
*	8752.0	29.9	13.9	43.8	68.2	-24.4	Peak	Vertical
*	9772.0	30.8	14.9	45.7	68.2	-22.5	Peak	Vertical
	11582.5	29.8	19.5	49.3	54.0	-4.7	Peak	Vertical
	15458.5	31.1	20.8	51.9	54.0	-2.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	32.9	13.7	46.6	68.2	-21.6	Peak	Horizontal
*	9857.0	31.0	16.2	47.2	68.2	-21.0	Peak	Horizontal
	11072.5	30.4	18.6	49.0	54.0	-5.0	Peak	Horizontal
	15696.5	30.7	20.5	51.2	54.0	-2.8	Peak	Horizontal
*	8735.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
*	10010.0	31.7	15.4	47.1	68.2	-21.1	Peak	Vertical
	11650.5	29.3	19.3	48.6	54.0	-5.4	Peak	Vertical
	15492.5	31.6	20.7	52.3	54.0	-1.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
*	10112.0	32.2	15.8	48.0	68.2	-20.2	Peak	Horizontal
	11880.0	30.6	18.6	49.2	54.0	-4.8	Peak	Horizontal
	15560.5	31.1	20.6	51.7	54.0	-2.3	Peak	Horizontal
*	8692.5	30.5	13.7	44.2	68.2	-24.0	Peak	Vertical
*	9865.5	30.7	16.0	46.7	68.2	-21.5	Peak	Vertical
	11327.5	29.3	18.9	48.2	54.0	-5.8	Peak	Vertical
	15747.5	30.9	20.4	51.3	54.0	-2.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
*	9797.5	31.3	15.1	46.4	68.2	-21.8	Peak	Horizontal
	11370.0	29.8	19.0	48.8	54.0	-5.2	Peak	Horizontal
	15424.5	30.6	20.9	51.5	54.0	-2.5	Peak	Horizontal
*	8786.0	29.0	13.9	42.9	68.2	-25.3	Peak	Vertical
*	9874.0	31.9	15.8	47.7	68.2	-20.5	Peak	Vertical
	11412.5	34.3	19.1	53.4	54.0	-0.6	Peak	Vertical
	15645.5	31.5	20.4	51.9	54.0	-2.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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