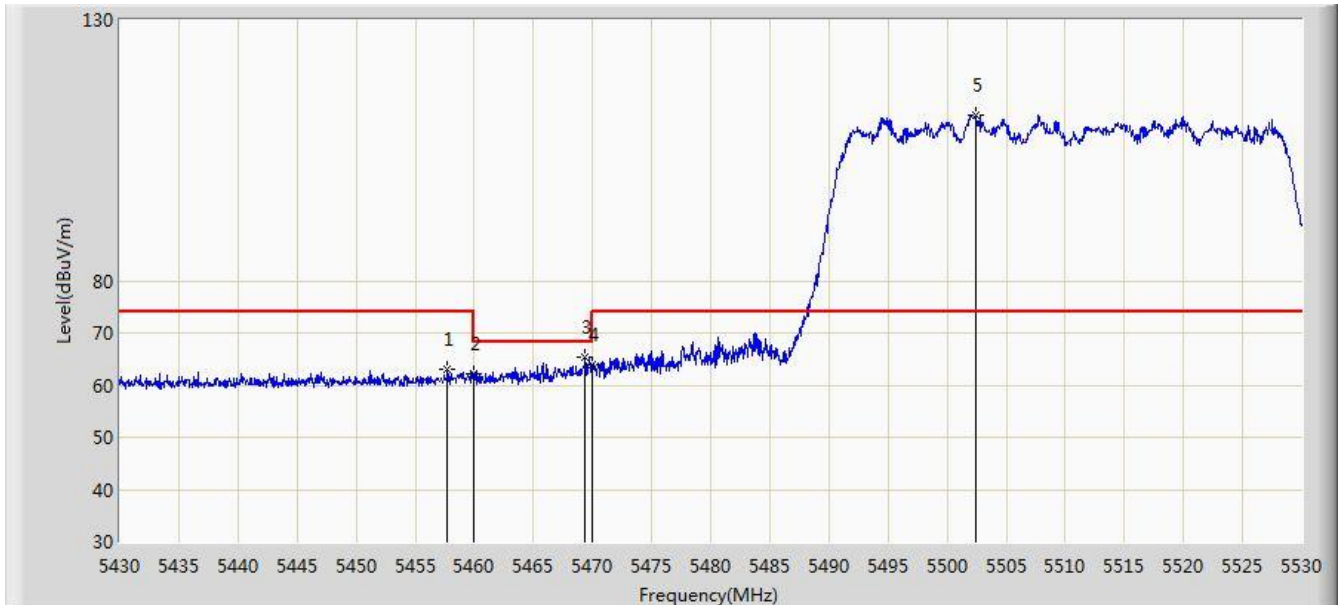


Site: AC1	Time: 2018/06/20 - 08:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

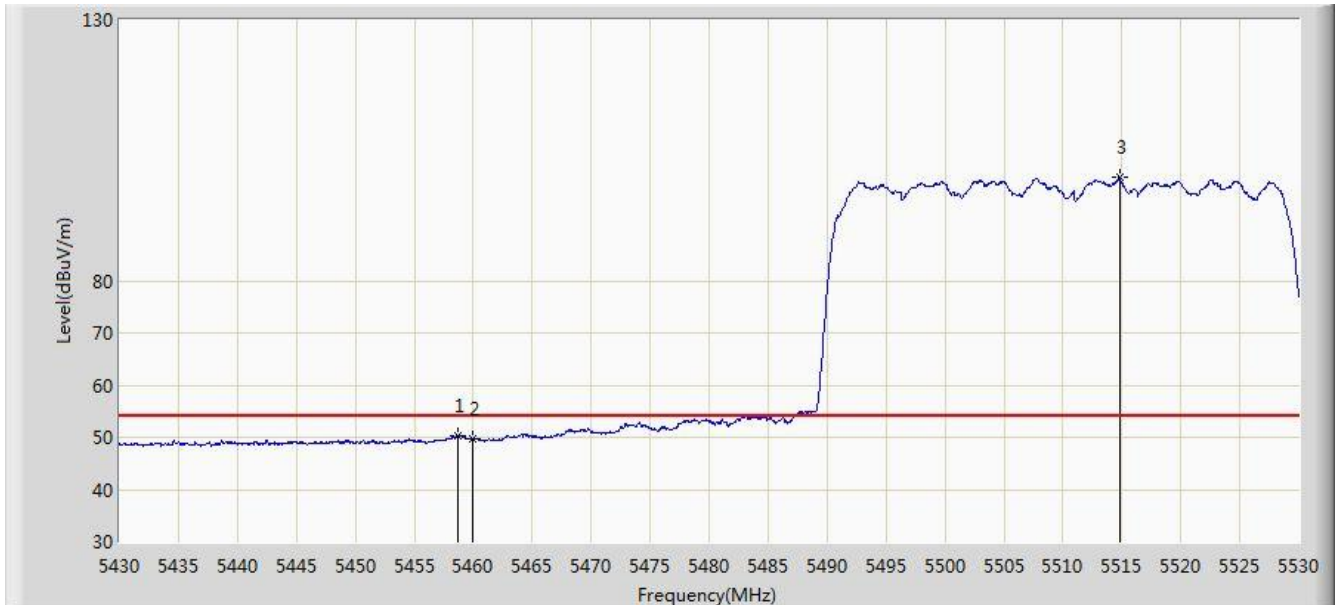


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.750	63.061	58.885	-10.939	74.000	4.176	PK
2			5460.000	62.178	57.998	-11.822	74.000	4.180	PK
3			5469.400	65.458	61.257	-2.742	68.200	4.201	PK
4			5470.000	63.956	59.754	-4.244	68.200	4.202	PK
5		*	5502.450	111.840	107.561	N/A	N/A	4.278	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: 2018/06/20 - 07:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

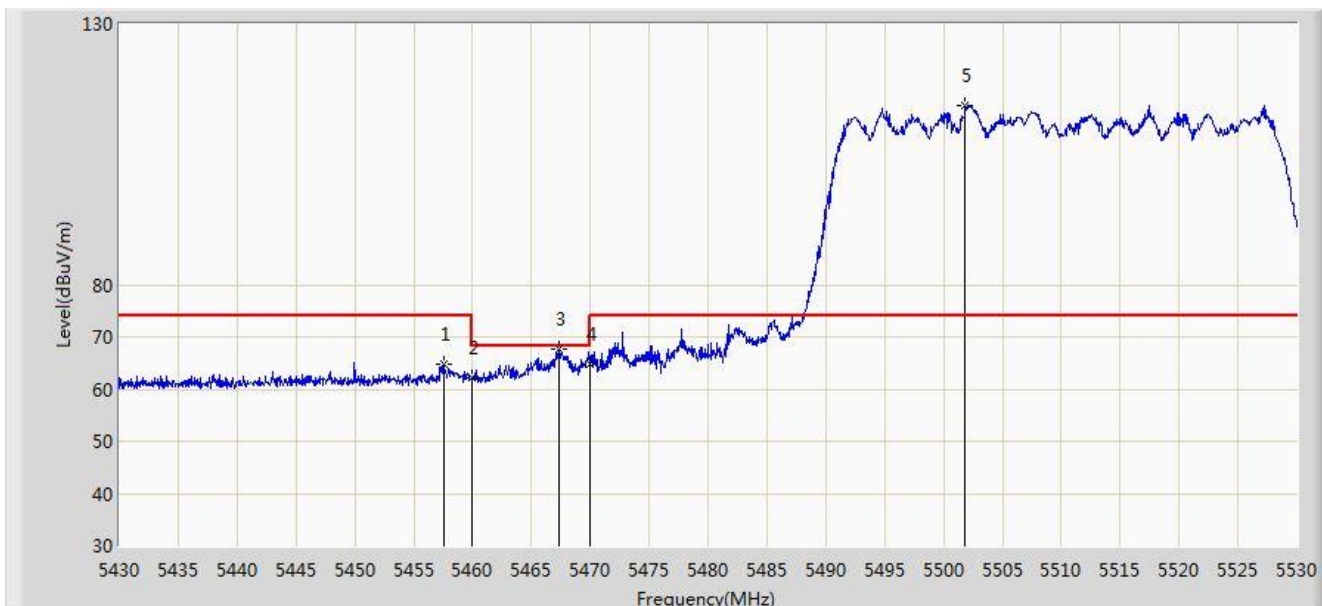


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.650	50.332	46.155	-3.668	54.000	4.178	AV
2			5460.000	49.710	45.530	-4.290	54.000	4.180	AV
3		*	5514.800	99.820	95.505	N/A	N/A	4.316	AV

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: 2018/06/20 - 07:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

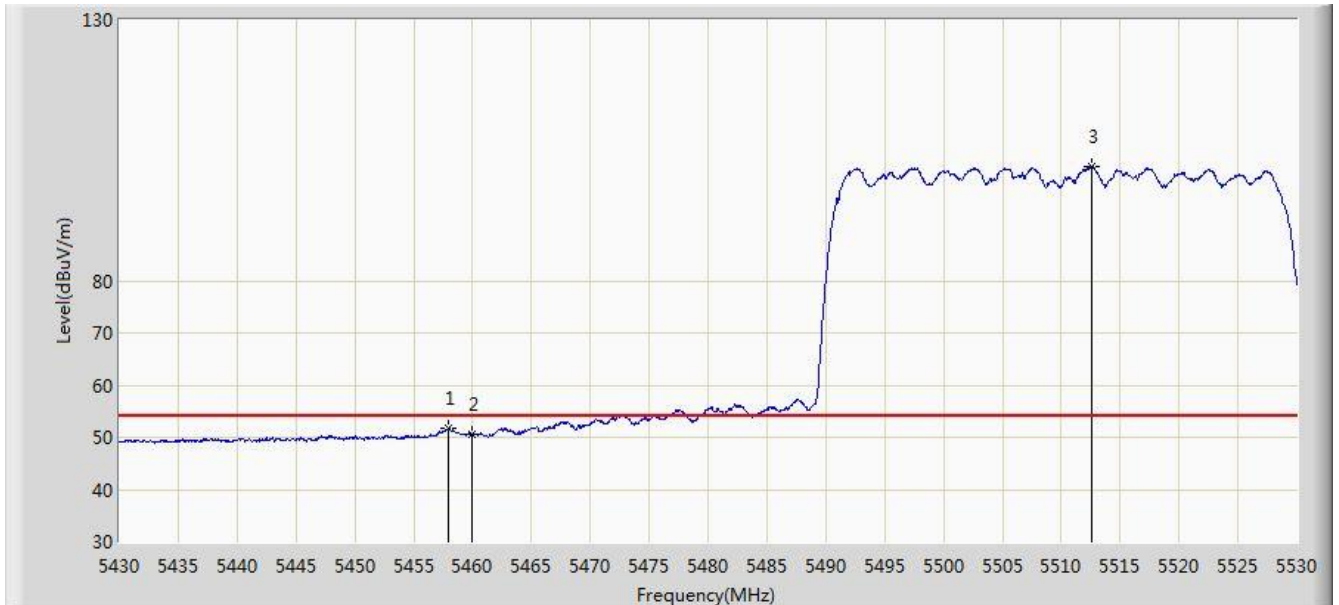


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.600	64.822	60.647	-9.178	74.000	4.176	PK
2			5460.000	62.040	57.860	-11.960	74.000	4.180	PK
3			5467.400	67.586	63.389	-0.614	68.200	4.196	PK
4			5470.000	64.893	60.691	-3.307	68.200	4.202	PK
5		*	5501.850	114.410	110.133	N/A	N/A	4.278	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: 2018/06/20 - 07:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5510MHz	

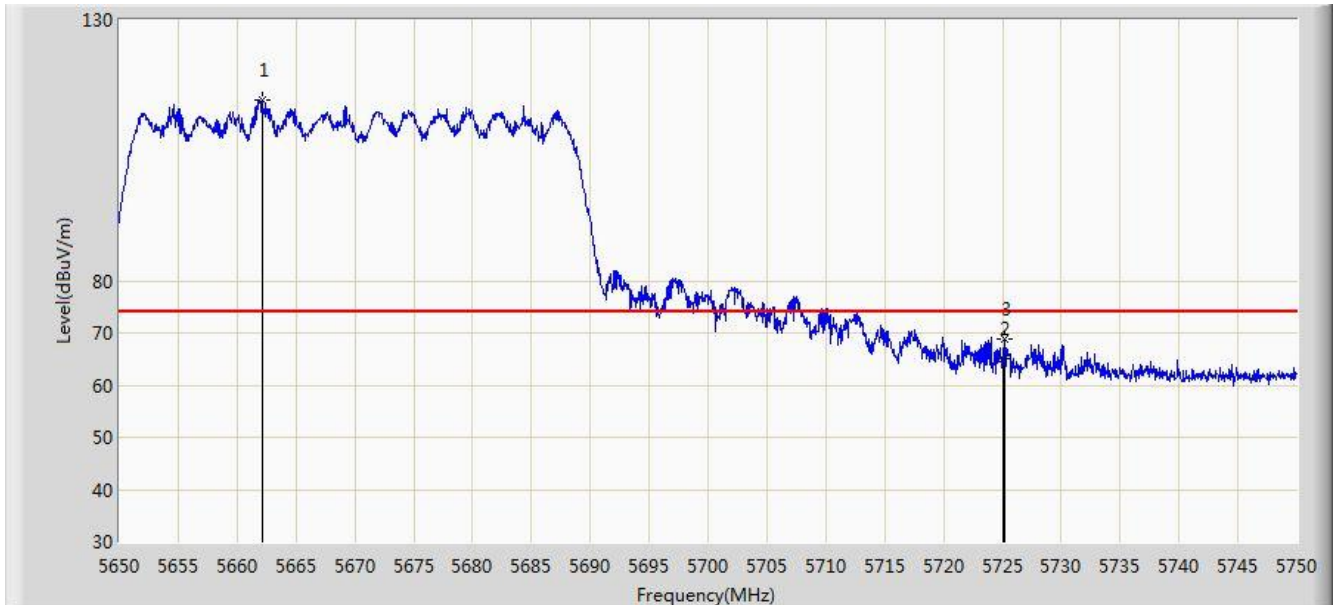


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.950	51.631	47.455	-2.369	54.000	4.176	AV
2			5460.000	50.500	46.320	-3.500	54.000	4.180	AV
3		*	5512.550	101.942	97.633	N/A	N/A	4.309	AV

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: 2018/06/20 - 08:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

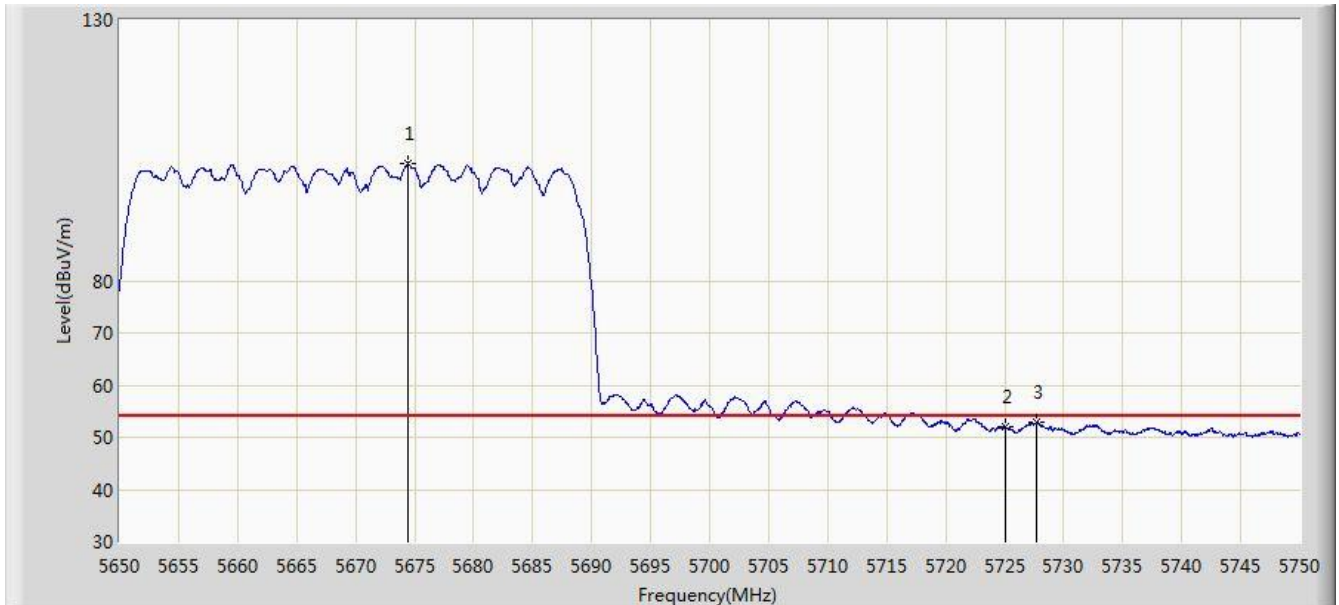


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5662.100	114.741	110.026	N/A	N/A	4.715	PK
2			5725.000	65.078	60.049	-8.922	74.000	5.029	PK
3			5725.250	68.702	63.671	-5.298	74.000	5.030	PK

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: 2018/06/20 - 08:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

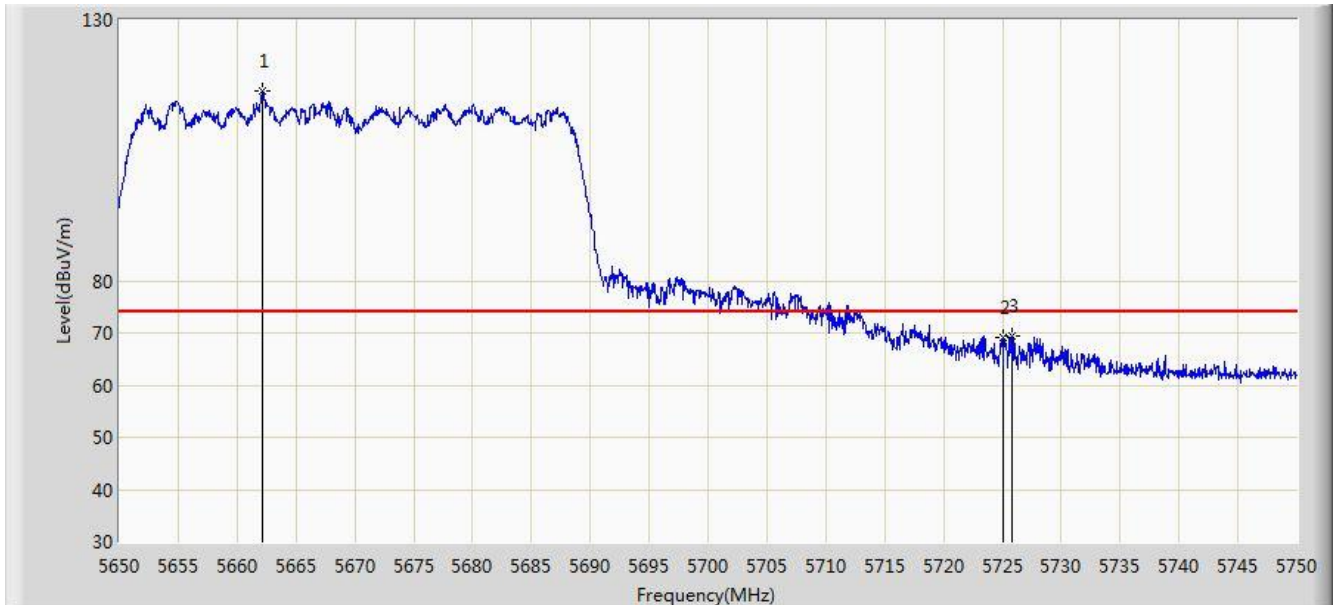


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5674.400	102.603	97.838	N/A	N/A	4.765	AV
2			5725.000	51.892	46.863	-2.108	54.000	5.029	AV
3			5727.750	53.036	47.989	-0.964	54.000	5.047	AV

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: 2018/06/20 - 08:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

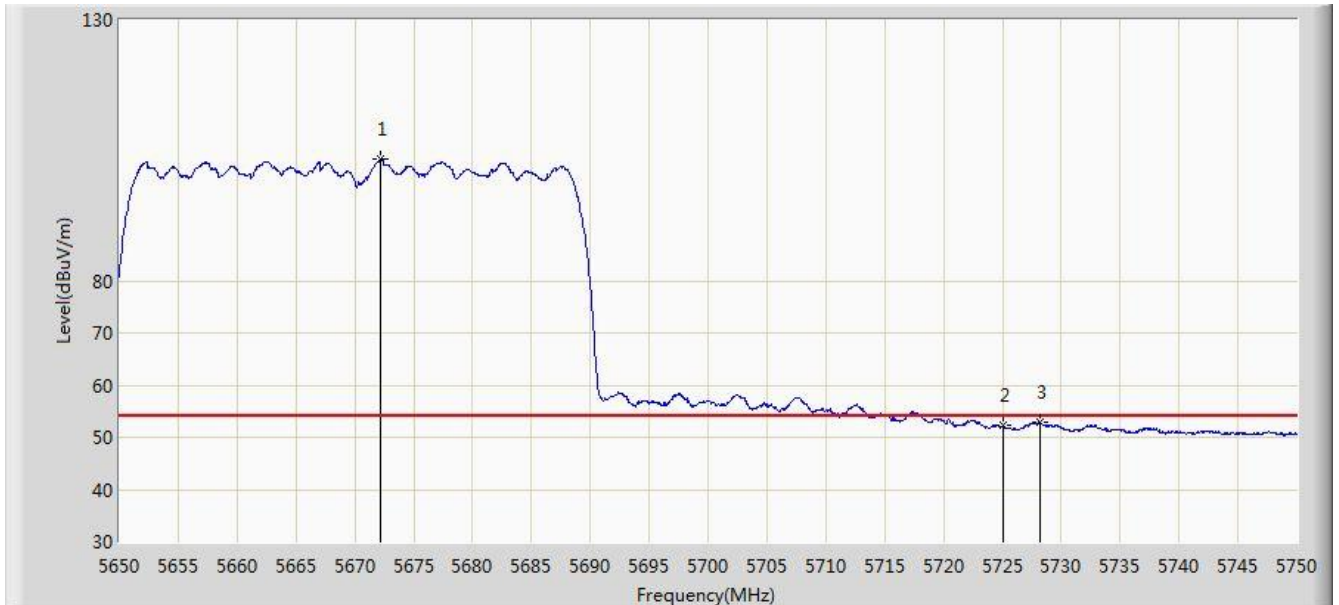


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5662.150	116.514	111.799	N/A	N/A	4.715	PK
2			5725.000	69.100	64.071	-4.900	74.000	5.029	PK
3			5725.800	69.414	64.380	-4.586	74.000	5.033	PK

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: 2018/06/20 - 08:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5670MHz	

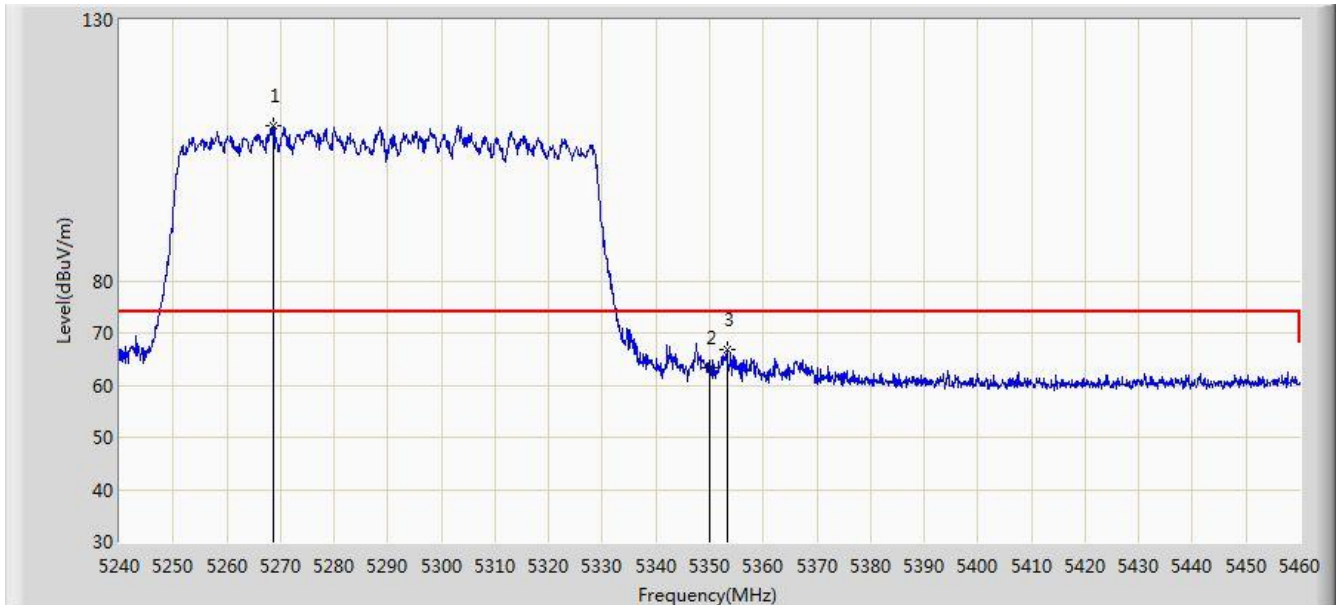


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5672.200	103.337	98.581	N/A	N/A	4.757	AV
2			5725.000	52.201	47.172	-1.799	54.000	5.029	AV
3			5728.150	52.888	47.839	-1.112	54.000	5.049	AV

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: 2018/06/20 - 08:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

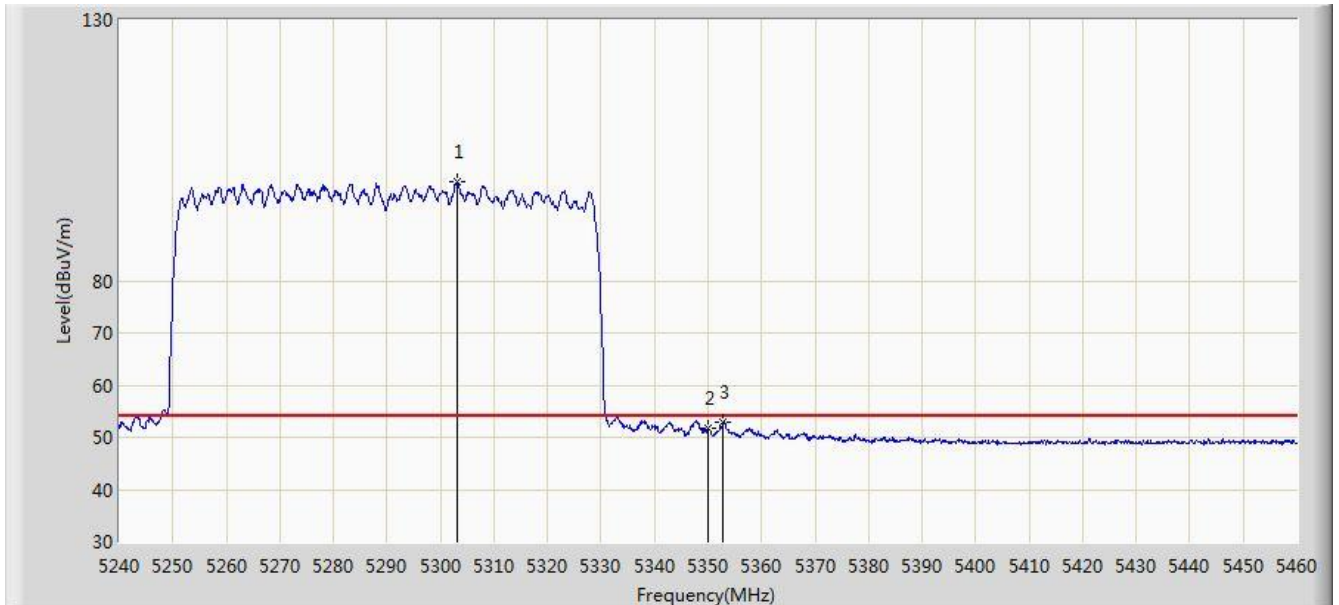


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5268.710	109.738	105.902	N/A	N/A	3.837	PK
2			5350.000	63.327	59.422	-10.673	74.000	3.904	PK
3			5353.190	66.866	62.955	-7.134	74.000	3.910	PK

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: 2018/06/20 - 08:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

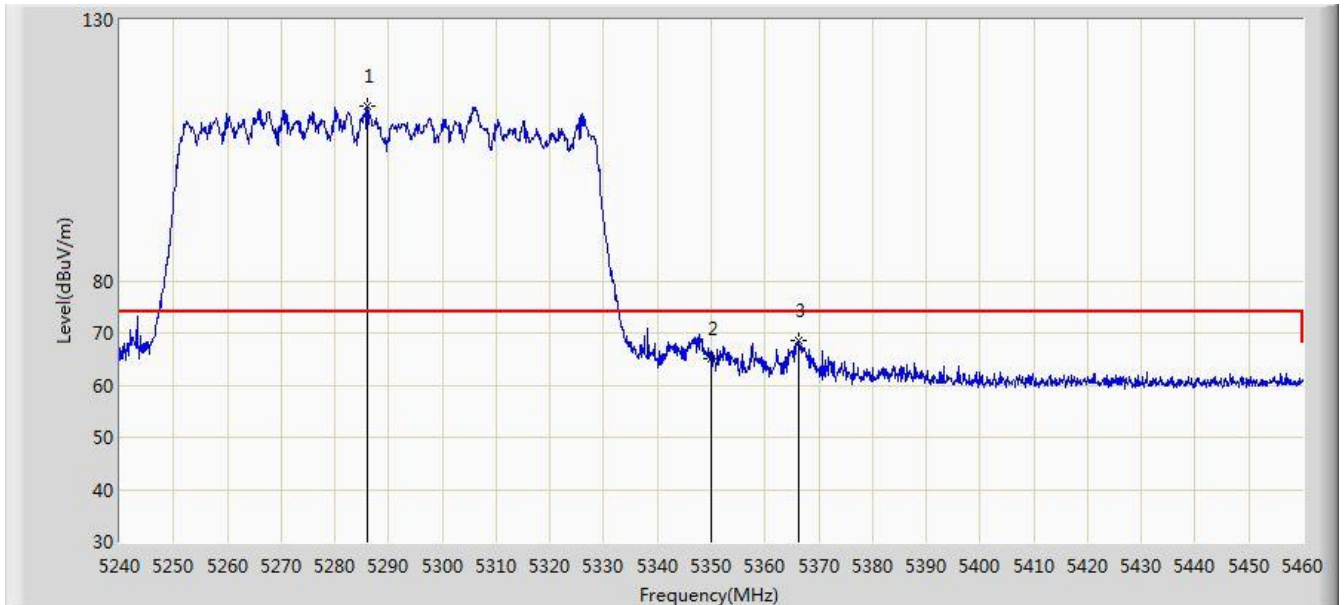


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5303.140	98.848	95.031	N/A	N/A	3.817	AV
2			5350.000	51.602	47.697	-2.398	54.000	3.904	AV
3			5352.860	52.777	48.867	-1.223	54.000	3.911	AV

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: 2018/06/20 - 08:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

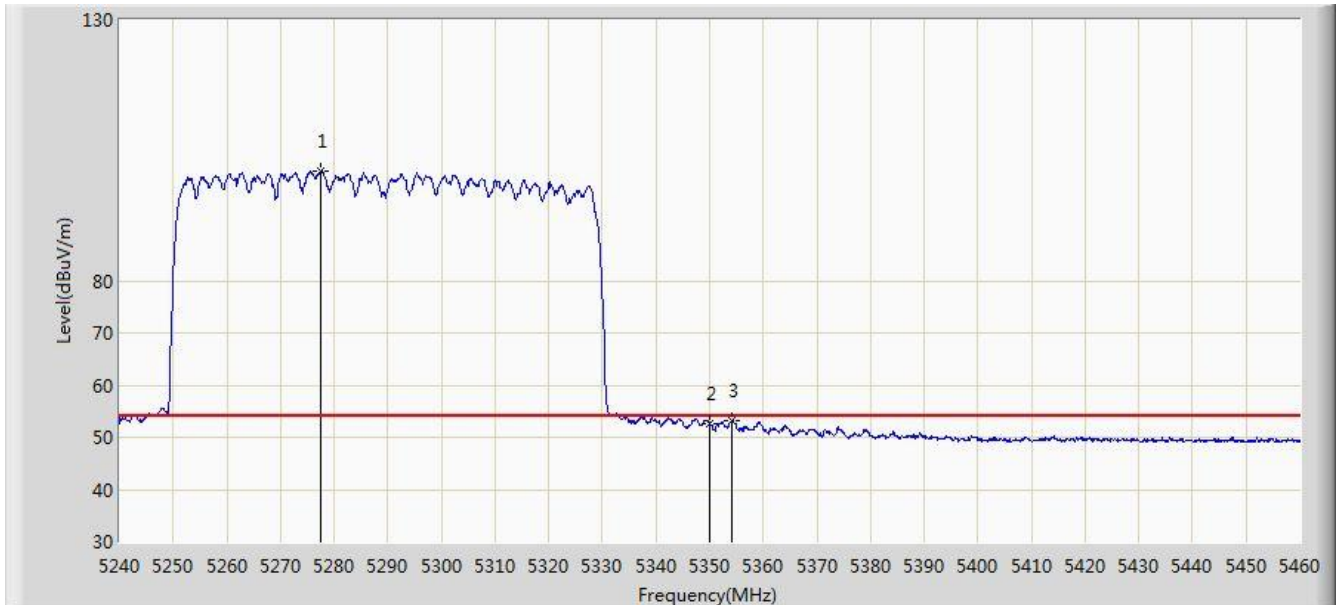


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5286.090	113.424	109.601	N/A	N/A	3.823	PK
2			5350.000	64.943	61.038	-9.057	74.000	3.904	PK
3			5366.170	68.436	64.502	-5.564	74.000	3.934	PK

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: 2018/06/20 - 08:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5290MHz	

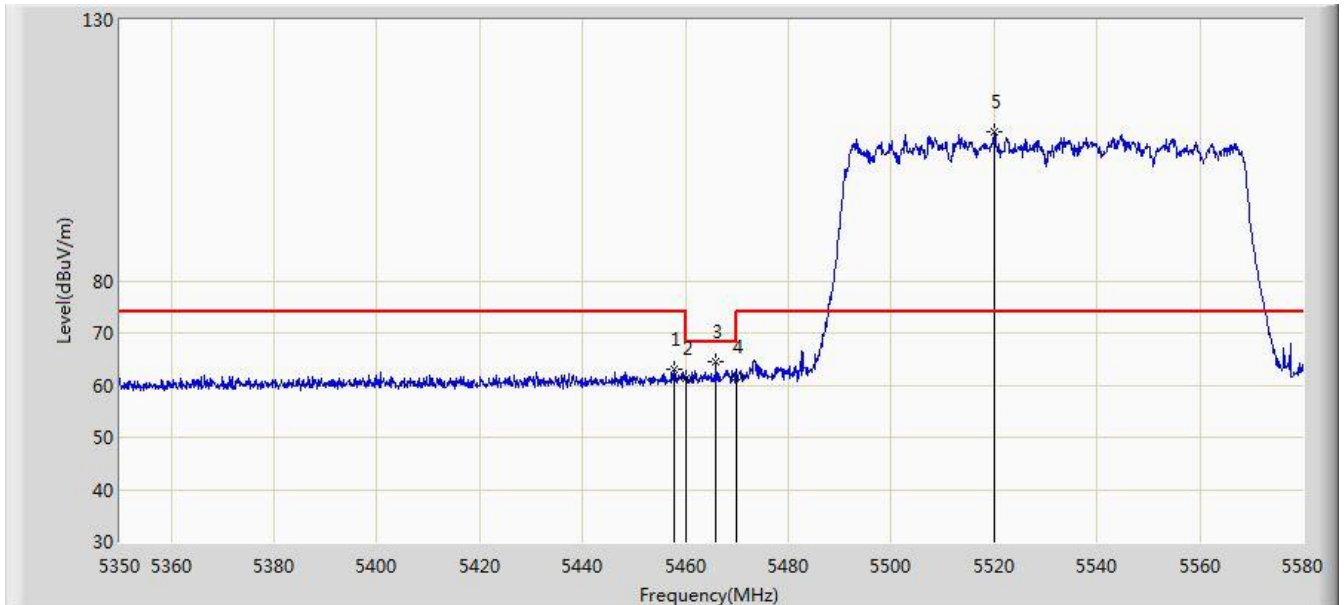


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5277.620	100.986	97.157	N/A	N/A	3.829	AV
2			5350.000	52.617	48.712	-1.383	54.000	3.904	AV
3			5354.070	53.093	49.181	-0.907	54.000	3.913	AV

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: 2018/06/20 - 08:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

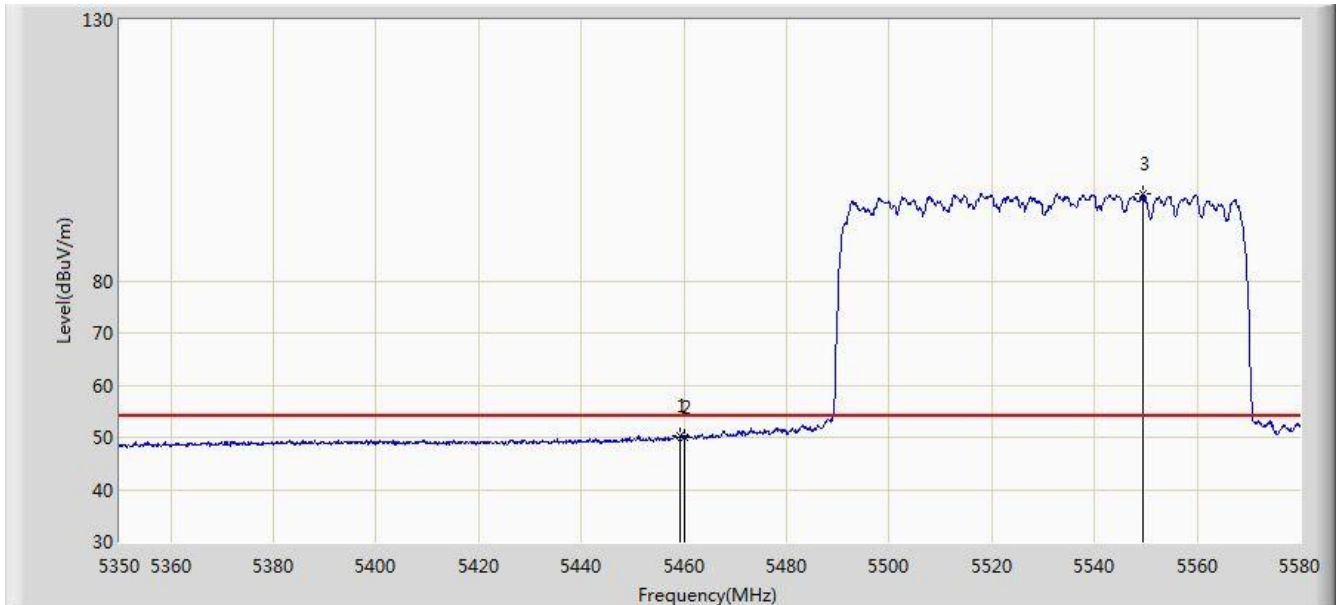


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.755	62.943	58.767	-11.057	74.000	4.176	PK
2			5460.000	61.333	57.153	-12.667	74.000	4.180	PK
3			5465.920	64.549	60.356	-3.651	68.200	4.193	PK
4			5470.000	61.457	57.255	-6.743	68.200	4.202	PK
5		*	5520.085	108.495	104.164	N/A	N/A	4.331	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: 2018/06/20 - 08:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

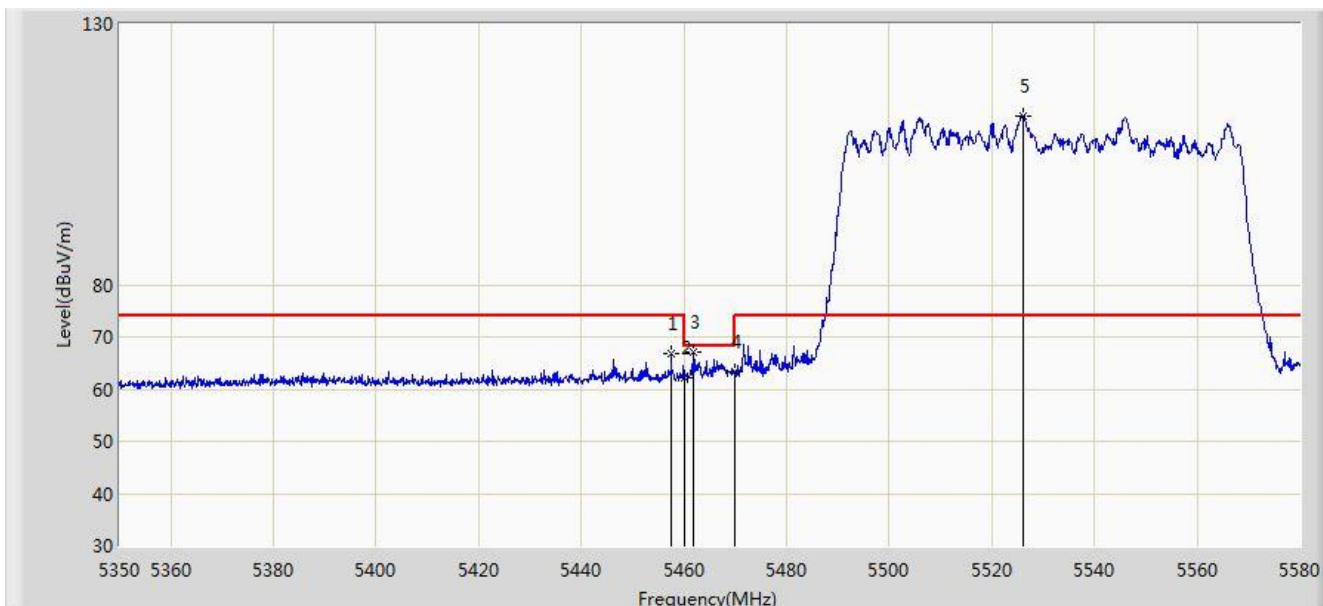


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.365	50.305	46.126	-3.695	54.000	4.178	AV
2			5460.000	49.944	45.764	-4.056	54.000	4.180	AV
3		*	5549.410	96.643	92.227	N/A	N/A	4.416	AV

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: 2018/06/20 - 08:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

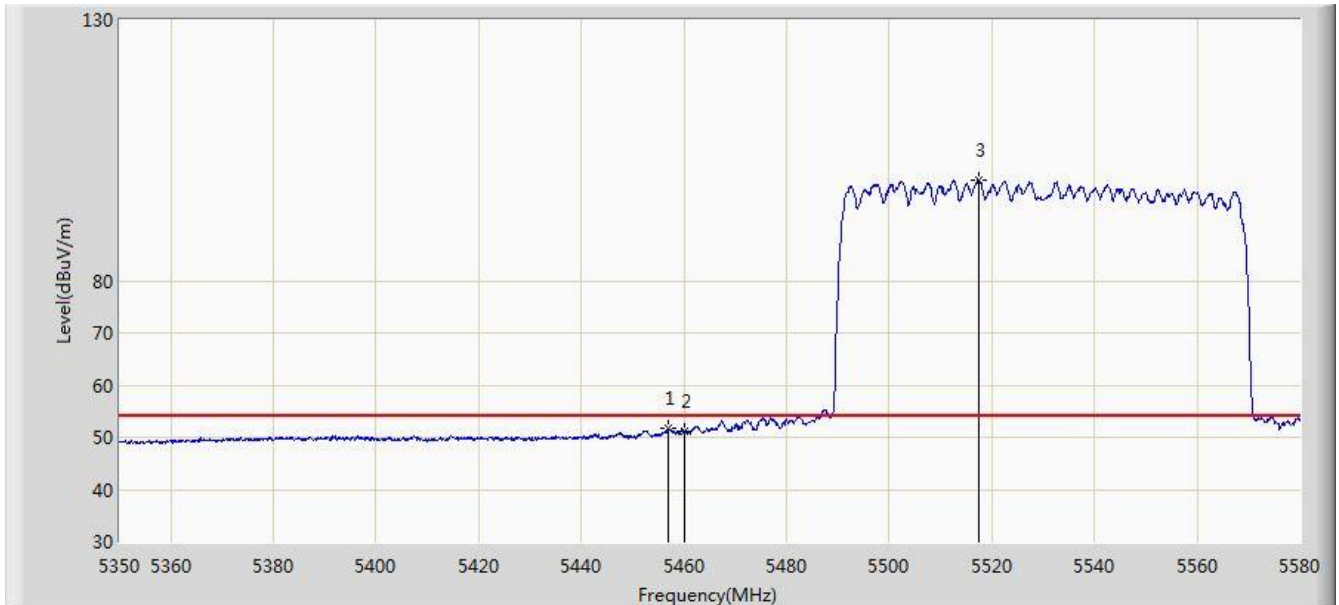


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.525	66.728	62.553	-7.272	74.000	4.176	PK
2			5460.000	62.257	58.077	-11.743	74.000	4.180	PK
3			5461.895	67.124	62.940	-1.076	68.200	4.185	PK
4			5470.000	63.242	59.040	-4.958	68.200	4.202	PK
5		*	5526.180	112.304	107.954	N/A	N/A	4.349	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: 2018/06/20 - 08:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5530MHz	

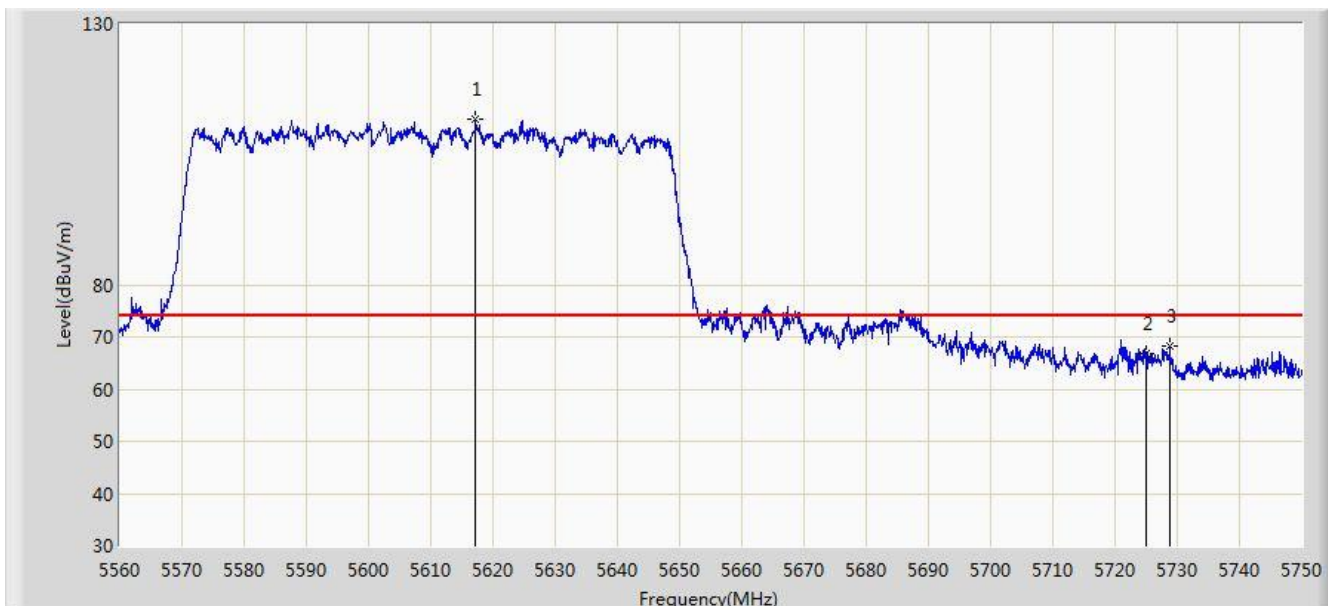


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.065	51.845	47.671	-2.155	54.000	4.174	AV
2			5460.000	51.025	46.845	-2.975	54.000	4.180	AV
3		*	5517.440	99.315	94.992	N/A	N/A	4.323	AV

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: 2018/06/20 - 08:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

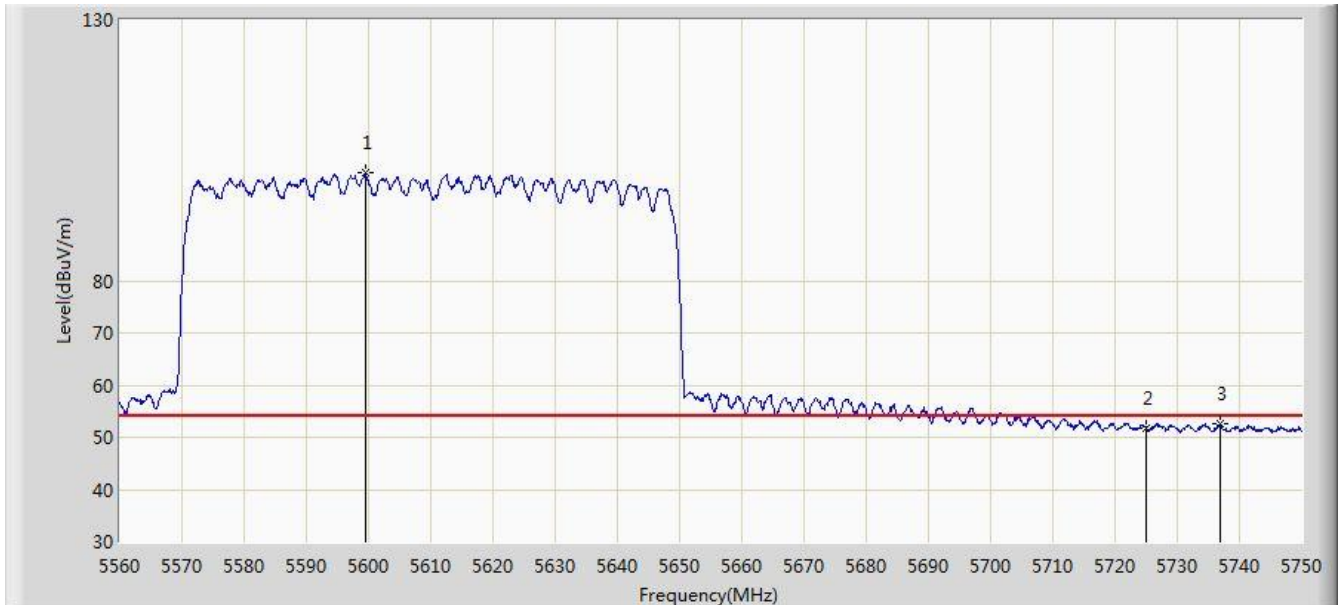


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5617.190	111.698	107.126	N/A	N/A	4.572	PK
2			5725.000	66.838	61.809	-7.162	74.000	5.029	PK
3			5728.815	68.275	63.222	-5.725	74.000	5.054	PK

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

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

Site: AC1	Time: 2018/06/20 - 08:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

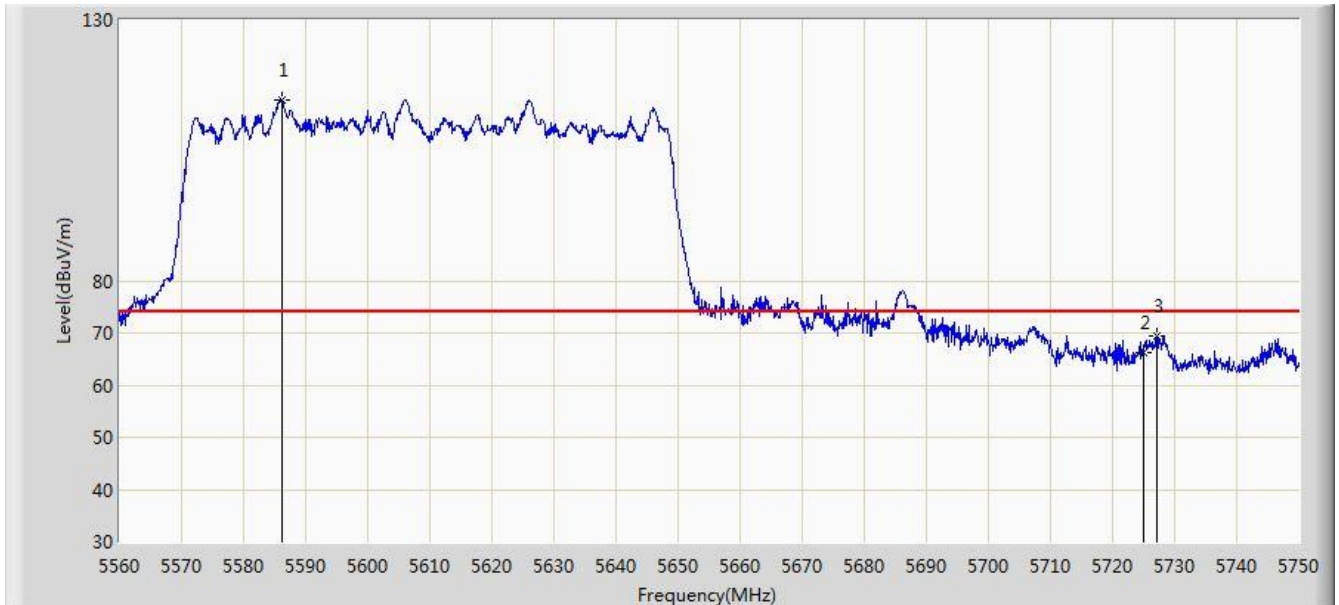


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5599.520	100.598	96.072	N/A	N/A	4.526	AV
2			5725.000	51.777	46.748	-2.223	54.000	5.029	AV
3			5736.985	52.672	47.567	-1.328	54.000	5.105	AV

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: 2018/06/20 - 08:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

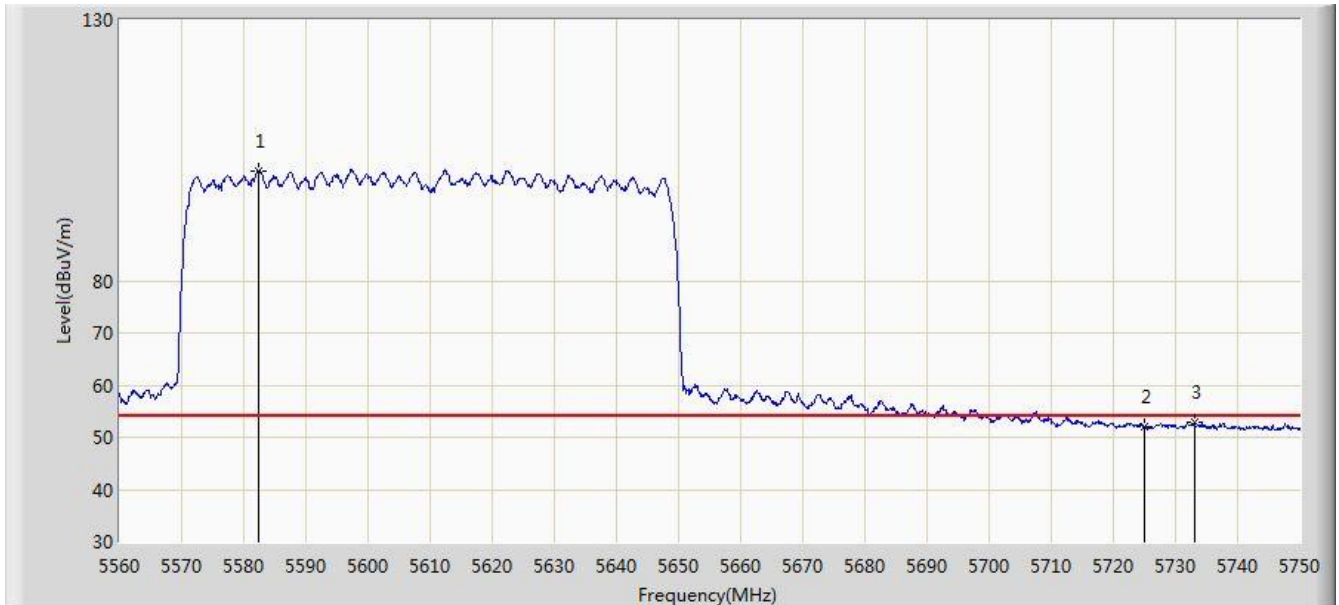


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5586.125	114.762	110.267	N/A	N/A	4.495	PK
2			5725.000	66.160	61.131	-7.840	74.000	5.029	PK
3			5727.200	69.551	64.508	-4.449	74.000	5.044	PK

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: 2018/06/20 - 08:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5610MHz	

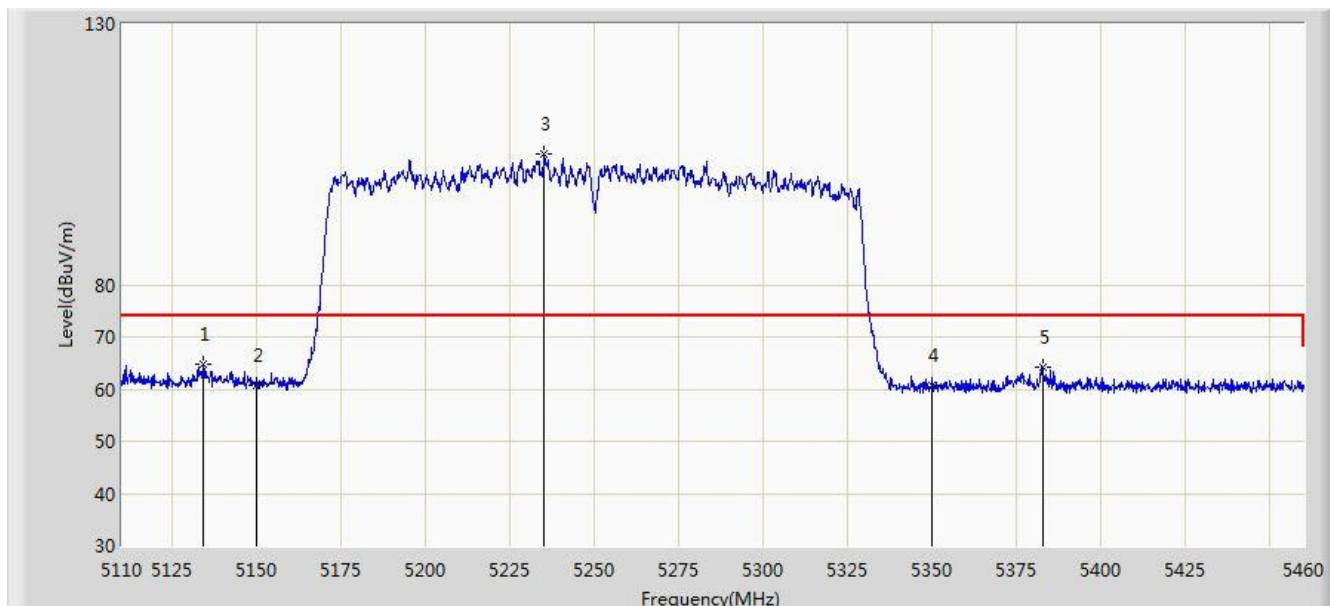


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5582.325	101.016	96.529	N/A	N/A	4.487	AV
2			5725.000	52.001	46.972	-1.999	54.000	5.029	AV
3			5732.995	52.825	47.745	-1.175	54.000	5.079	AV

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: 2018/06/20 - 09:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

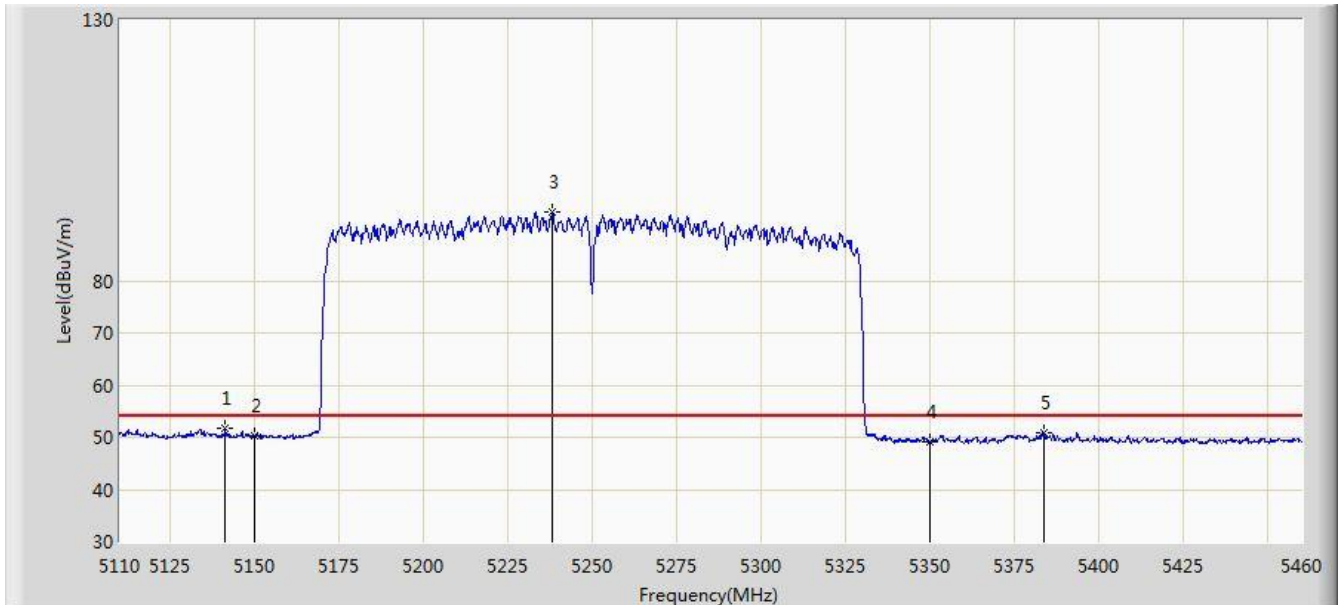


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.975	64.885	60.710	-9.115	74.000	4.175	PK
2			5150.000	60.781	56.612	-13.219	74.000	4.170	PK
3		*	5235.125	105.134	101.240	N/A	N/A	3.895	PK
4			5350.000	60.624	56.719	-13.376	74.000	3.904	PK
5			5382.650	64.209	60.245	-9.791	74.000	3.965	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: 2018/06/20 - 09:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

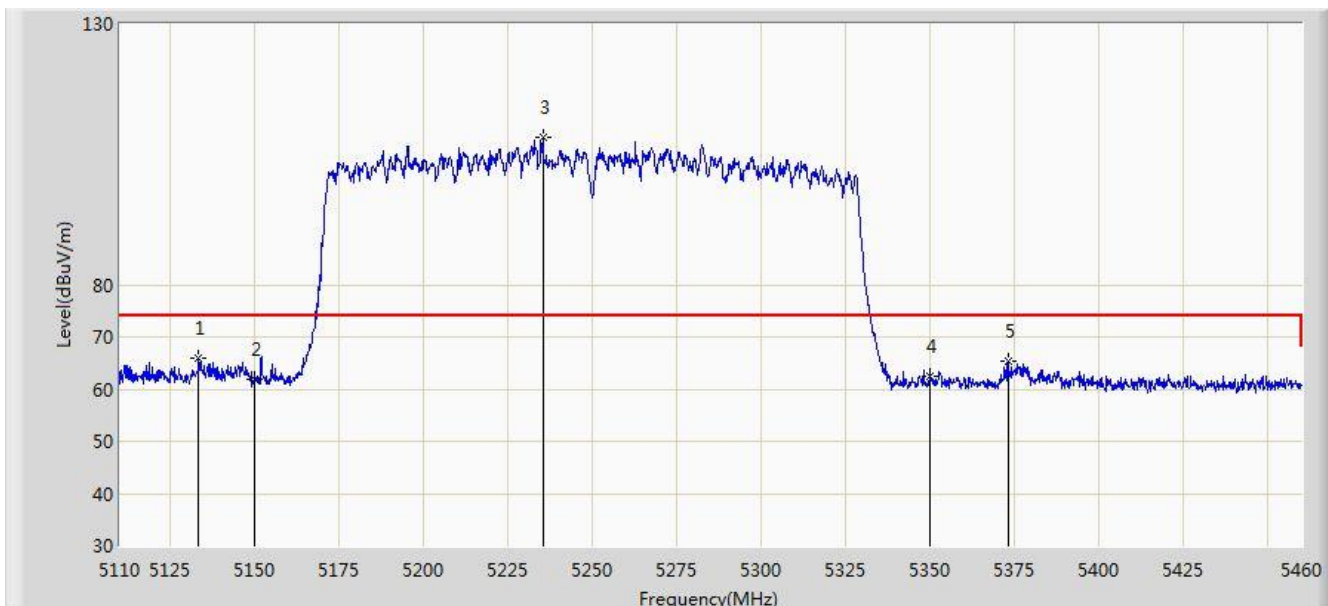


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.325	51.647	47.471	-2.353	54.000	4.175	AV
2			5150.000	50.298	46.129	-3.702	54.000	4.170	AV
3		*	5238.100	93.240	89.355	N/A	N/A	3.886	AV
4			5350.000	49.140	45.235	-4.860	54.000	3.904	AV
5			5383.875	50.820	46.853	-3.180	54.000	3.967	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: 2018/06/20 - 09:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

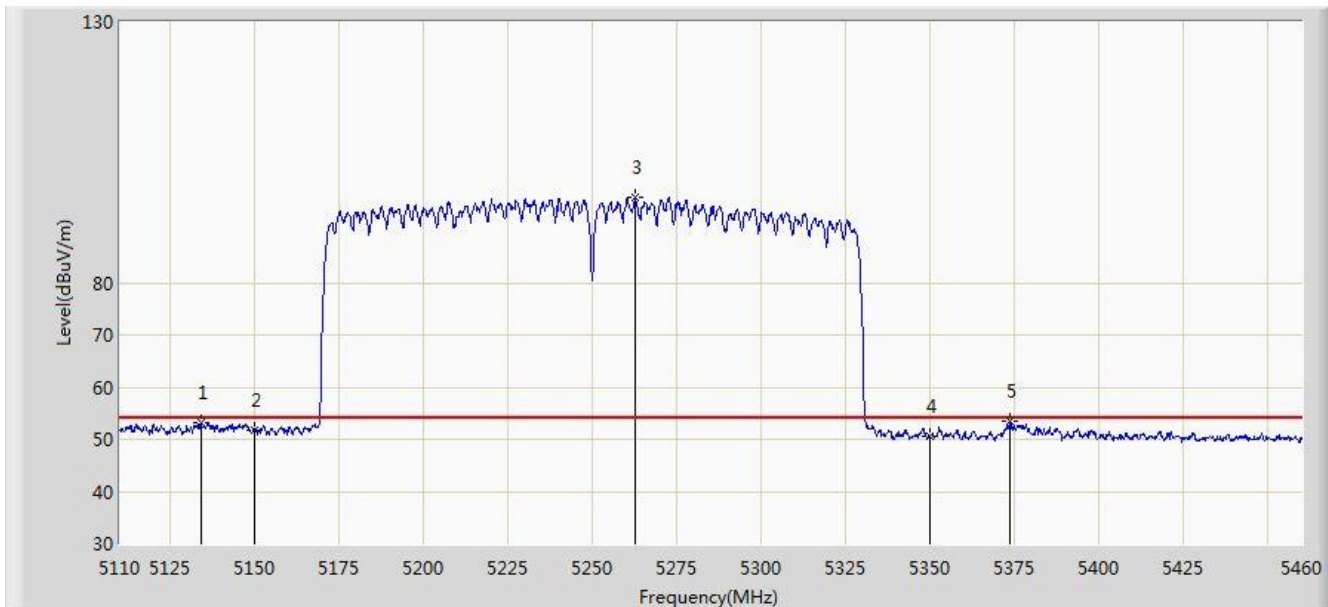


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.450	66.069	61.894	-7.931	74.000	4.175	PK
2			5150.000	61.963	57.794	-12.037	74.000	4.170	PK
3		*	5235.300	108.289	104.395	N/A	N/A	3.894	PK
4			5350.000	62.368	58.463	-11.632	74.000	3.904	PK
5			5373.025	65.229	61.283	-8.771	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: 2018/06/20 - 09:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5250MHz	

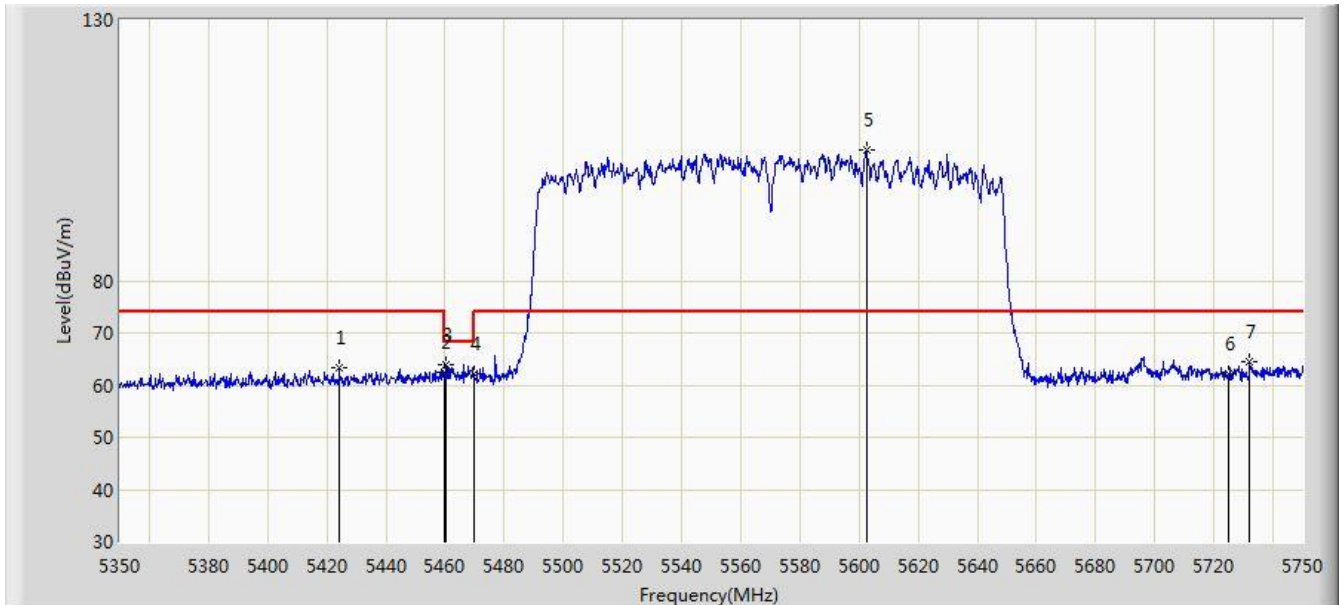


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.975	53.060	48.885	-0.940	54.000	4.175	AV
2			5150.000	51.856	47.687	-2.144	54.000	4.170	AV
3		*	5262.600	96.358	92.517	N/A	N/A	3.840	AV
4			5350.000	50.526	46.621	-3.474	54.000	3.904	AV
5			5373.725	53.364	49.416	-0.636	54.000	3.948	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: 2018/06/20 - 09:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

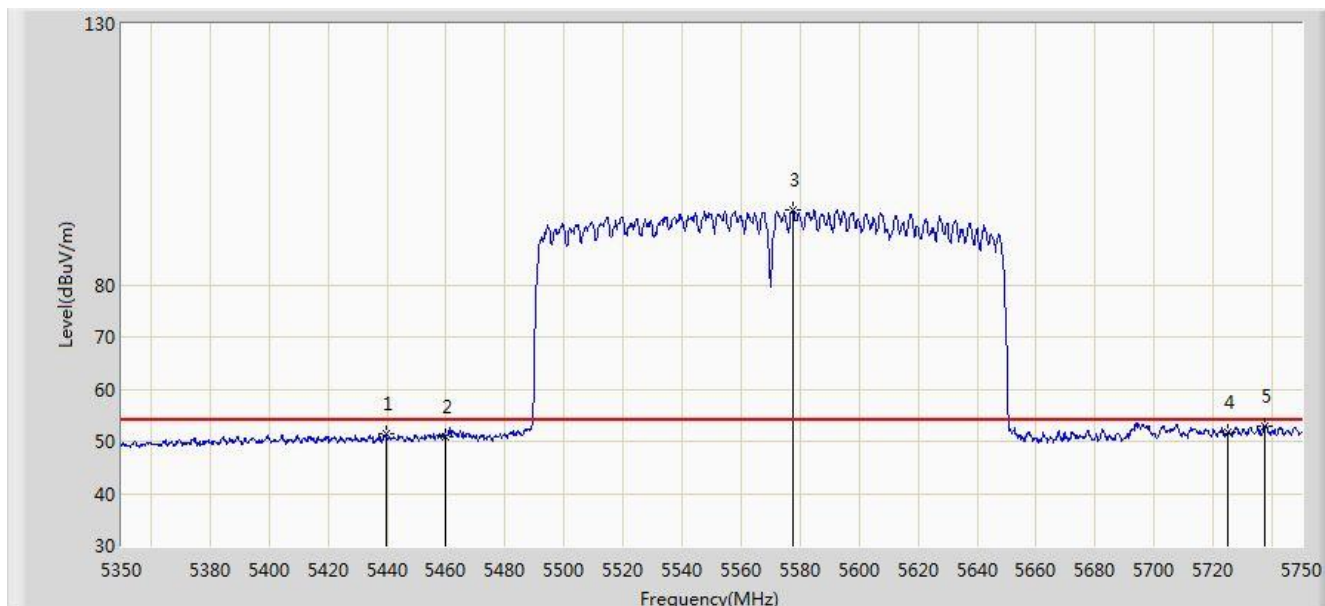


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5424.200	63.345	59.271	-10.655	74.000	4.074	PK
2			5460.000	62.560	58.380	-11.440	74.000	4.180	PK
3			5460.400	63.825	59.644	-4.375	68.200	4.180	PK
4			5470.000	62.215	58.013	-5.985	68.200	4.202	PK
5		*	5602.400	105.063	100.530	N/A	N/A	4.534	PK
6			5725.000	62.122	57.093	-11.878	74.000	5.029	PK
7			5732.000	64.465	59.391	-9.535	74.000	5.074	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: 2018/06/20 - 09:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

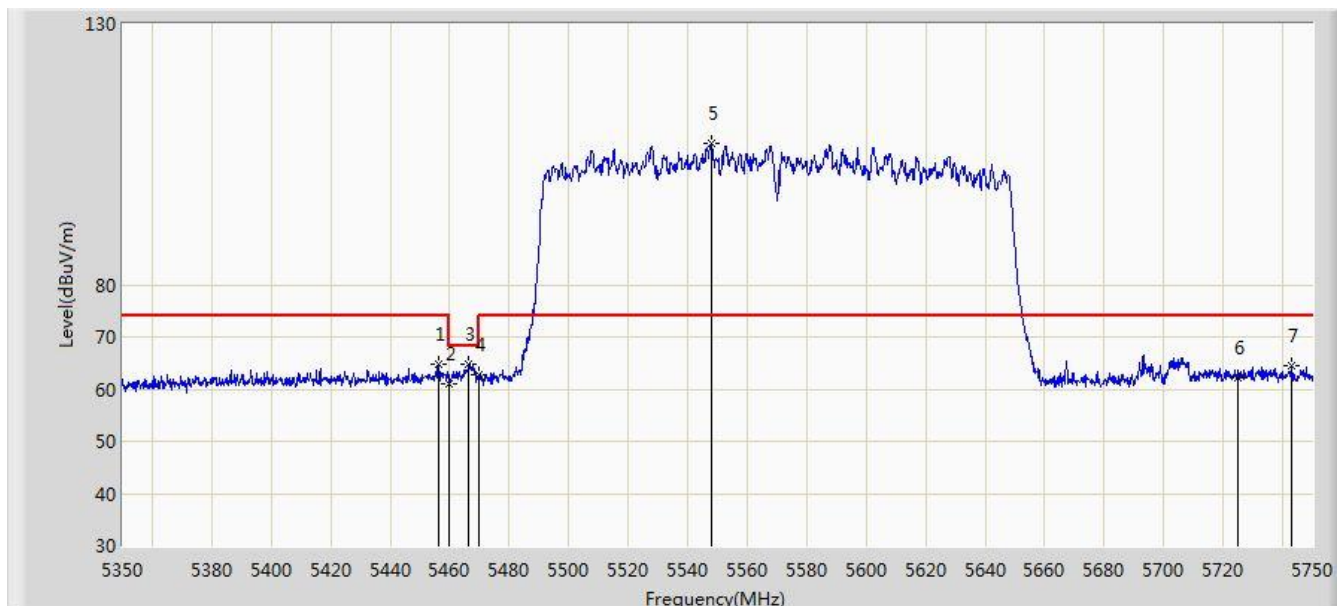


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5439.600	51.581	47.458	-2.419	54.000	4.123	AV
2			5460.000	50.766	46.586	-3.234	54.000	4.180	AV
3		*	5577.600	94.312	89.834	N/A	N/A	4.477	AV
4			5725.000	51.834	46.805	-2.166	54.000	5.029	AV
5			5737.400	53.006	47.898	-0.994	54.000	5.108	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: 2018/06/20 - 09:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	

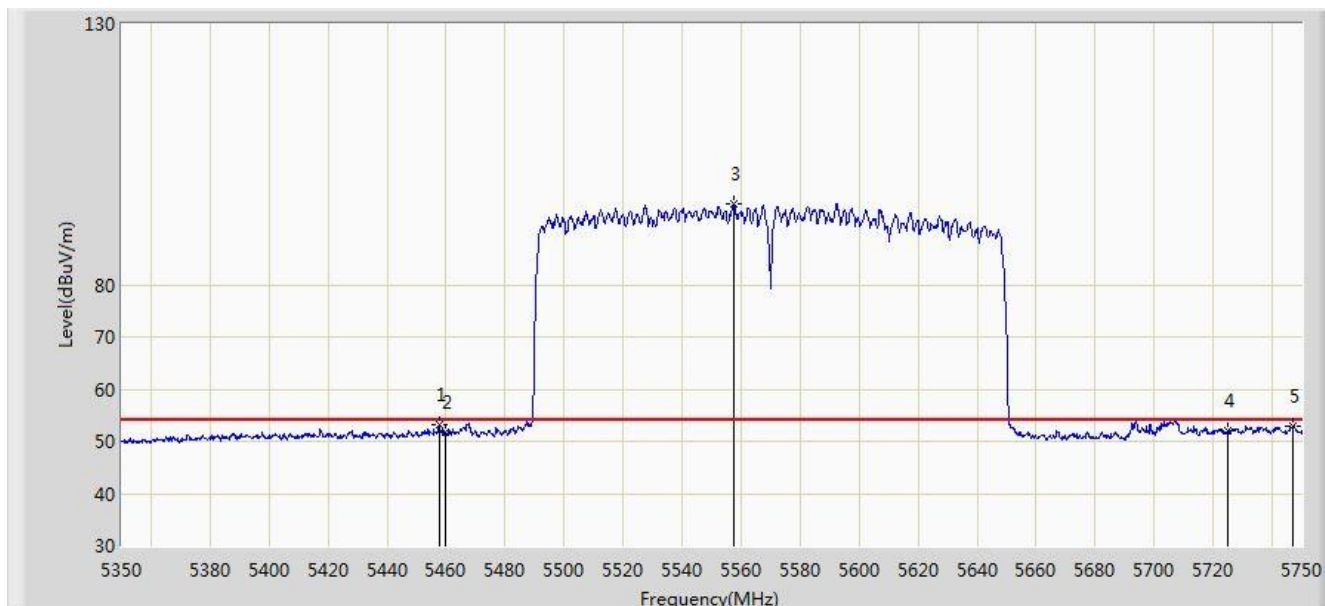


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.400	64.822	60.649	-9.178	74.000	4.172	PK
2			5460.000	60.880	56.700	-13.120	74.000	4.180	PK
3			5466.400	64.825	60.631	-3.375	68.200	4.194	PK
4			5470.000	62.688	58.486	-5.512	68.200	4.202	PK
5		*	5547.800	107.002	102.590	N/A	N/A	4.411	PK
6			5725.000	62.132	57.103	-11.868	74.000	5.029	PK
7			5742.800	64.404	59.262	-9.596	74.000	5.142	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: 2018/06/20 - 09:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at Channel 5570MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.600	53.205	49.030	-0.795	54.000	4.176	AV
2			5460.000	51.663	47.483	-2.337	54.000	4.180	AV
3		*	5557.400	95.456	91.019	N/A	N/A	4.437	AV
4			5725.000	52.160	47.131	-1.840	54.000	5.029	AV
5			5746.800	53.010	47.845	-0.990	54.000	5.165	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 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

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

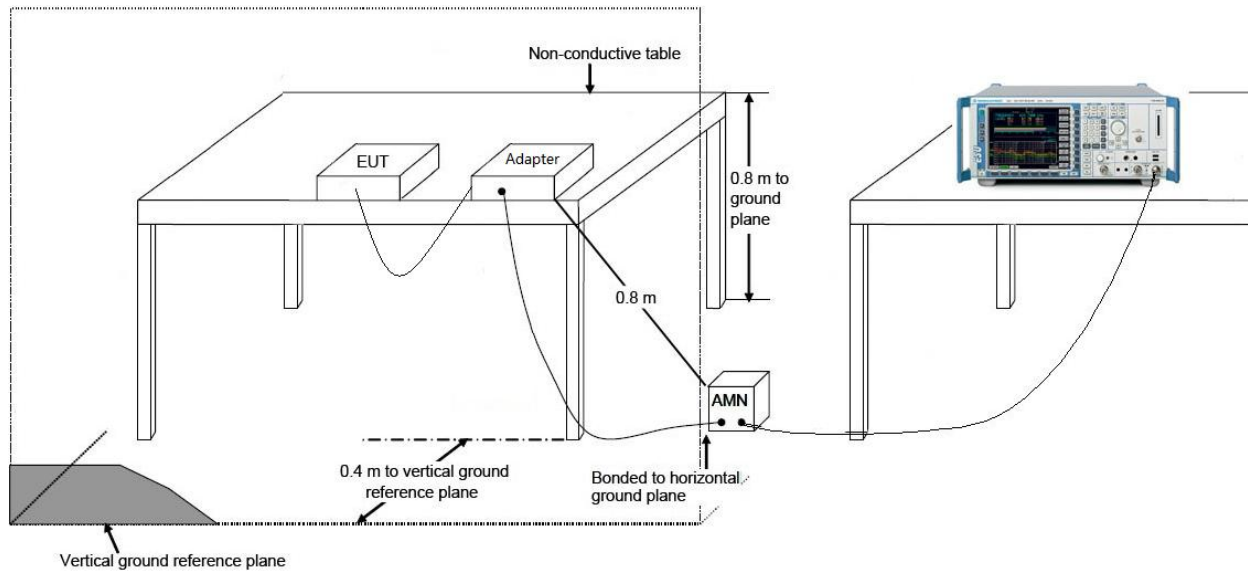
7.9.2. Test Procedure

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

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

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

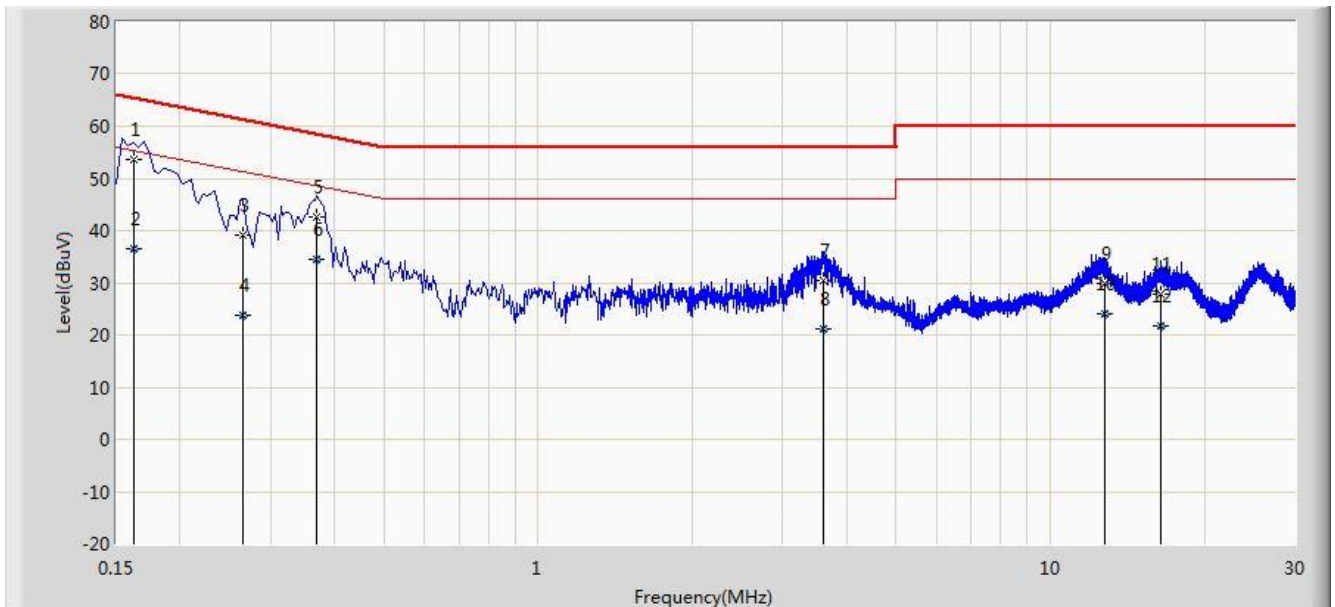
7.9.3. Test Setup



7.9.4.Test Result

For APIN0514:

Site: SR2	Time: 2018/08/16 - 11:48
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode 5	

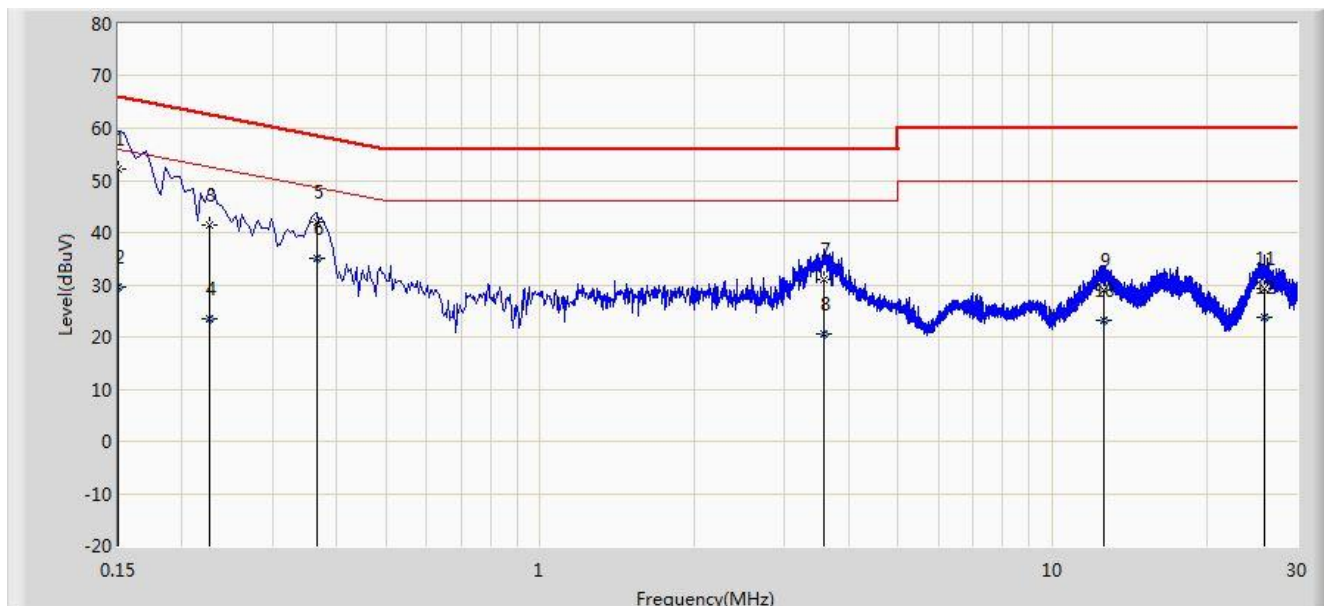


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.162	53.759	43.662	-11.601	65.361	10.097	QP
2			0.162	36.549	26.452	-18.812	55.361	10.097	AV
3			0.266	39.198	29.221	-22.044	61.242	9.977	QP
4			0.266	23.822	13.845	-27.420	51.242	9.977	AV
5			0.370	42.747	32.686	-15.754	58.501	10.061	QP
6			0.370	34.590	24.529	-13.910	48.501	10.061	AV
7			3.602	30.569	20.652	-25.431	56.000	9.917	QP
8			3.602	21.069	11.152	-24.931	46.000	9.917	AV
9			12.762	29.847	19.755	-30.153	60.000	10.092	QP
10			12.762	24.170	14.077	-25.830	50.000	10.092	AV
11			16.474	27.867	17.791	-32.133	60.000	10.076	QP
12			16.474	21.865	11.789	-28.135	50.000	10.076	AV

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

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

Site: SR2	Time: 2018/08/16 - 11:52
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode 5	



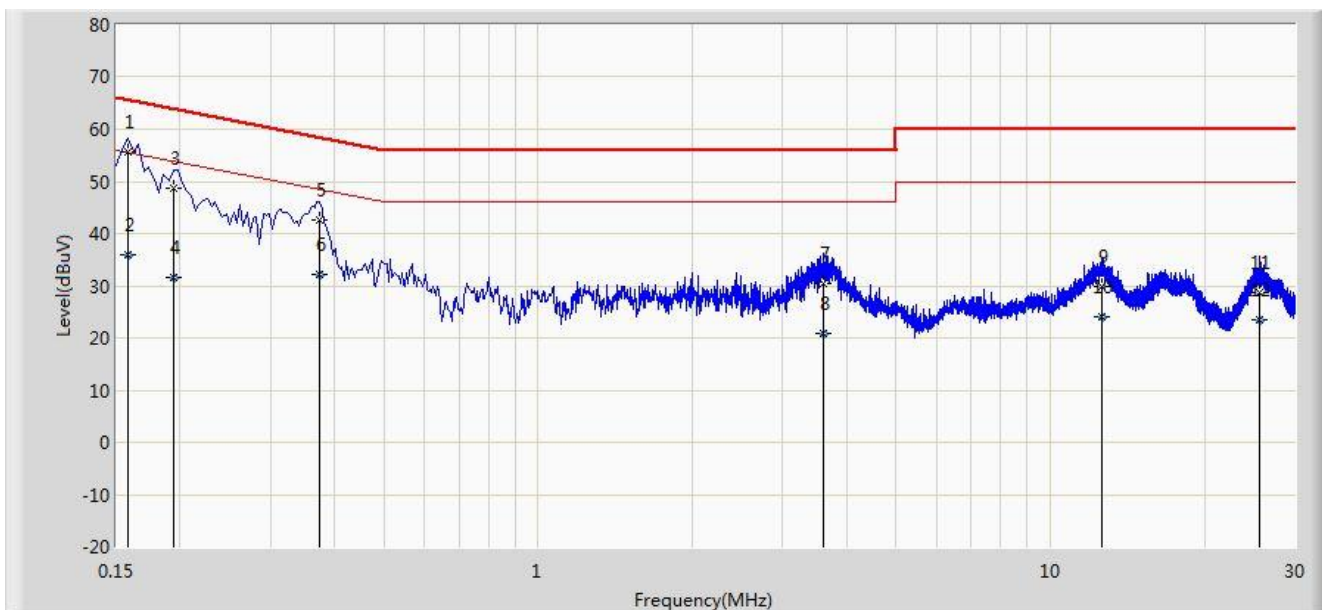
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	52.110	40.968	-13.890	66.000	11.142	QP
2			0.150	29.699	18.557	-26.301	56.000	11.142	AV
3			0.226	41.351	31.368	-21.245	62.595	9.982	QP
4			0.226	23.611	13.629	-28.984	52.595	9.982	AV
5			0.366	41.988	31.901	-16.603	58.591	10.087	QP
6		*	0.366	35.144	25.056	-13.448	48.591	10.087	AV
7			3.586	30.934	21.011	-25.066	56.000	9.923	QP
8			3.586	20.613	10.690	-25.387	46.000	9.923	AV
9			12.606	28.968	18.870	-31.032	60.000	10.098	QP
10			12.606	23.094	12.996	-26.906	50.000	10.098	AV
11			25.918	29.324	18.995	-30.676	60.000	10.329	QP
12			25.918	23.753	13.424	-26.247	50.000	10.329	AV

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

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

For APIN0515:

Site: SR2	Time: 2018/08/16 - 11:37
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode 5	

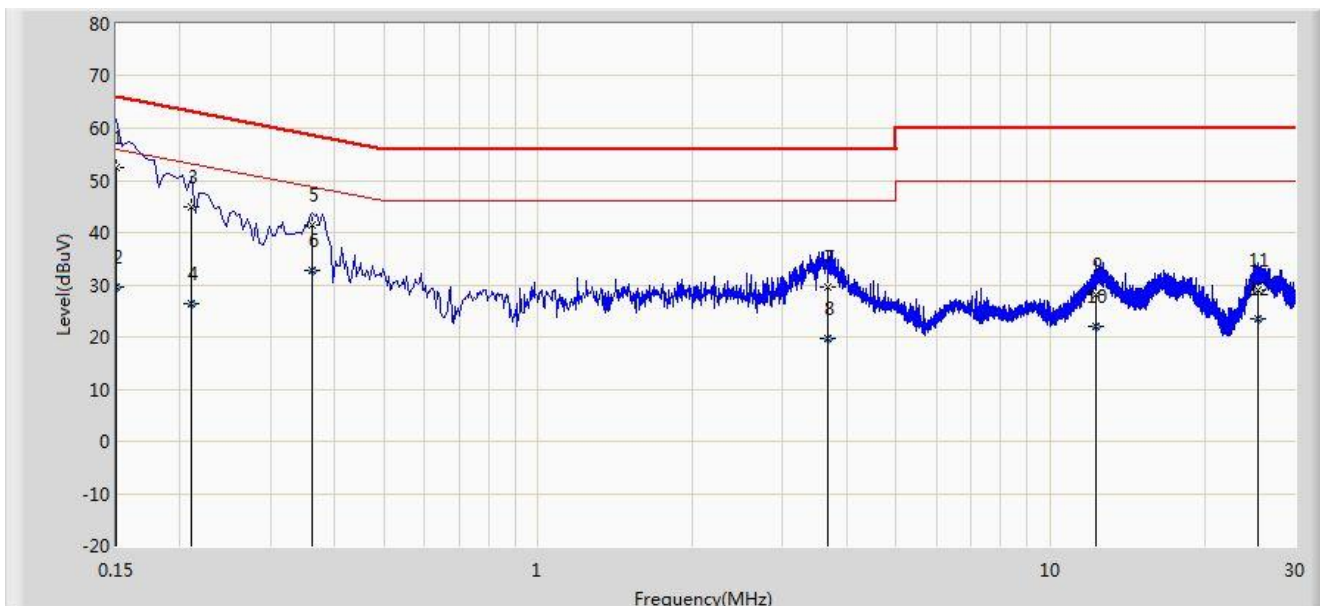


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.158	55.780	45.469	-9.788	65.568	10.311	QP
2			0.158	35.982	25.671	-19.586	55.568	10.311	AV
3			0.194	48.598	38.581	-15.266	63.864	10.017	QP
4			0.194	31.510	21.493	-22.354	53.864	10.017	AV
5			0.374	42.519	32.455	-15.892	58.412	10.064	QP
6			0.374	32.159	22.095	-16.253	48.412	10.064	AV
7			3.614	30.468	20.549	-25.532	56.000	9.920	QP
8			3.614	20.944	11.024	-25.056	46.000	9.920	AV
9			12.634	29.782	19.713	-30.218	60.000	10.069	QP
10			12.634	23.950	13.881	-26.050	50.000	10.069	AV
11			25.610	28.770	18.547	-31.230	60.000	10.223	QP
12			25.610	23.435	13.212	-26.565	50.000	10.223	AV

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

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

Site: SR2	Time: 2018/08/16 - 11:41
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode 5	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	52.586	41.444	-13.414	66.000	11.142	QP
2			0.150	29.651	18.509	-26.349	56.000	11.142	AV
3			0.210	44.992	34.998	-18.213	63.205	9.995	QP
4			0.210	26.268	16.273	-26.937	53.205	9.995	AV
5			0.362	41.440	31.356	-17.242	58.682	10.084	QP
6			0.362	32.885	22.801	-15.798	48.682	10.084	AV
7			3.674	29.696	19.753	-26.304	56.000	9.943	QP
8			3.674	19.848	9.906	-26.152	46.000	9.943	AV
9			12.290	28.124	18.007	-31.876	60.000	10.117	QP
10			12.290	22.170	12.054	-27.830	50.000	10.117	AV
11			25.426	28.878	18.555	-31.122	60.000	10.323	QP
12			25.426	23.403	13.080	-26.597	50.000	10.323	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 **ACCESS POINT** is in compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “1807TW0111-UT” file.

Appendix B - EUT Photograph

Refer to “1807TW0111-UE” file.