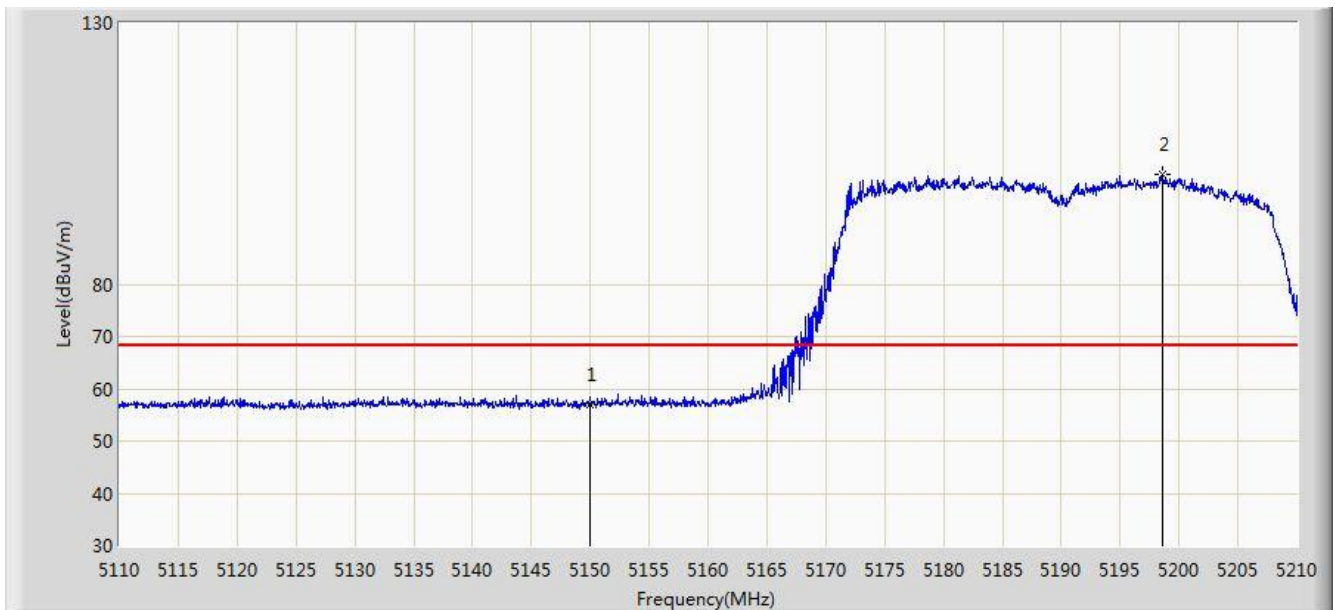


Site: AC1	Time: 2017/09/06 - 23:56
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

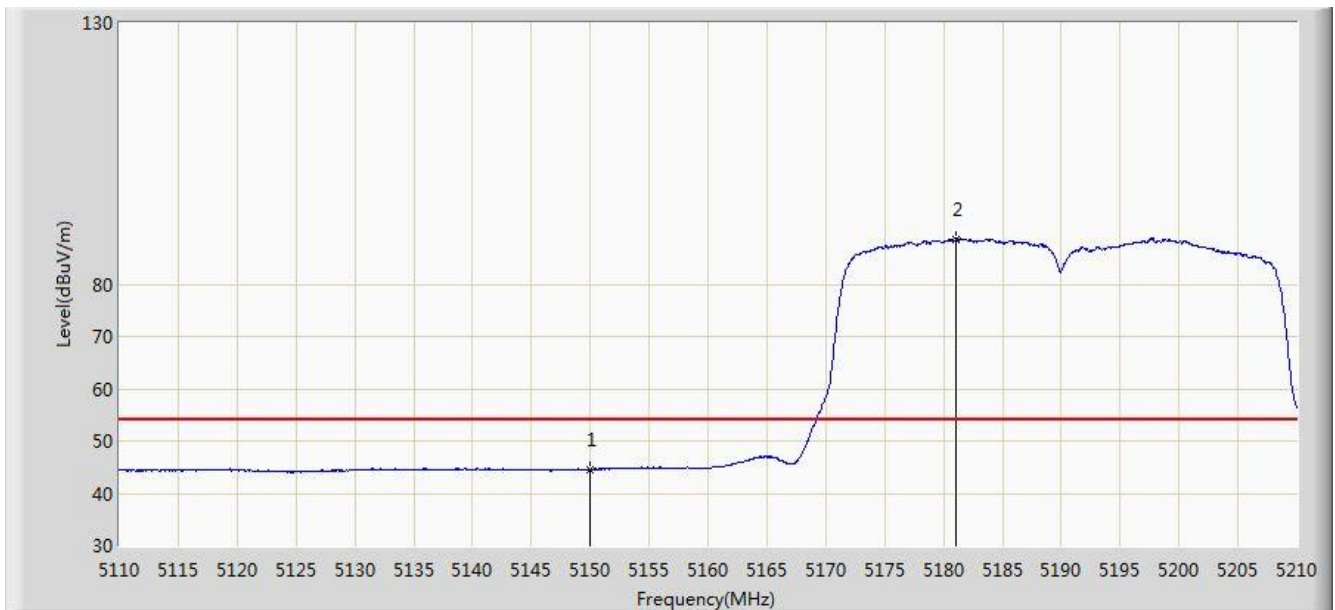


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	56.812	52.643	-11.388	68.200	4.170	PK
2		*	5198.600	101.132	97.129	N/A	N/A	4.002	PK

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: 2017/09/06 - 23:58
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

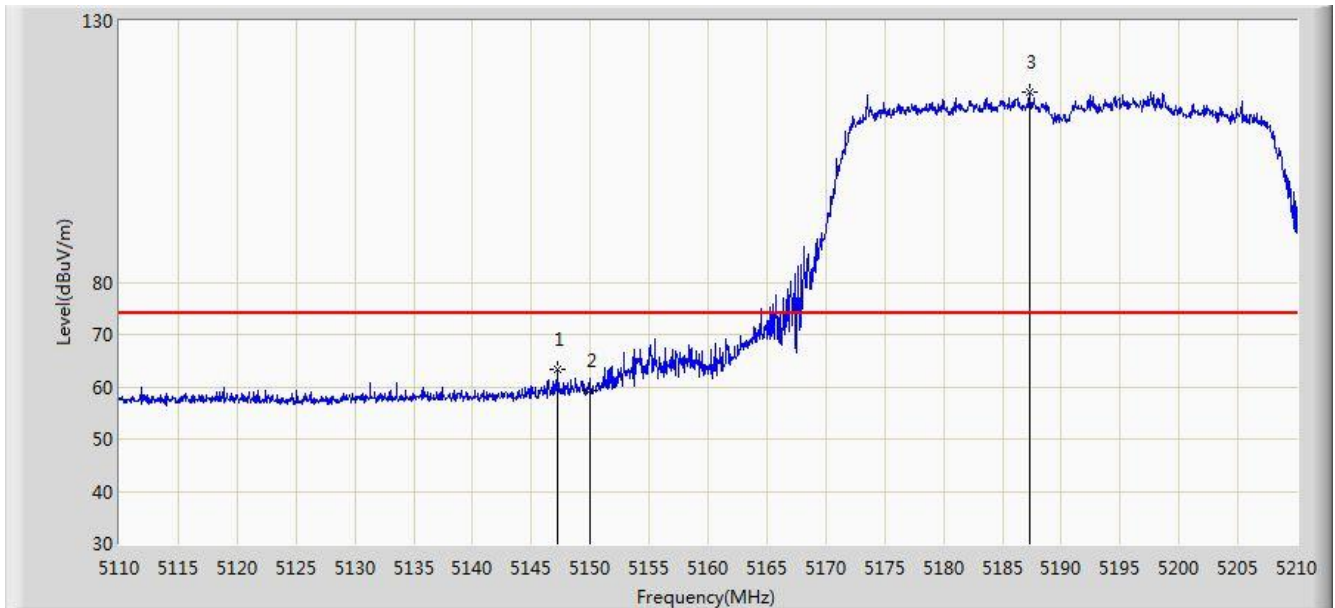


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.593	40.424	-9.407	54.000	4.170	AV
2		*	5181.000	88.634	84.569	N/A	N/A	4.065	AV

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: 2017/09/06 - 23:59
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

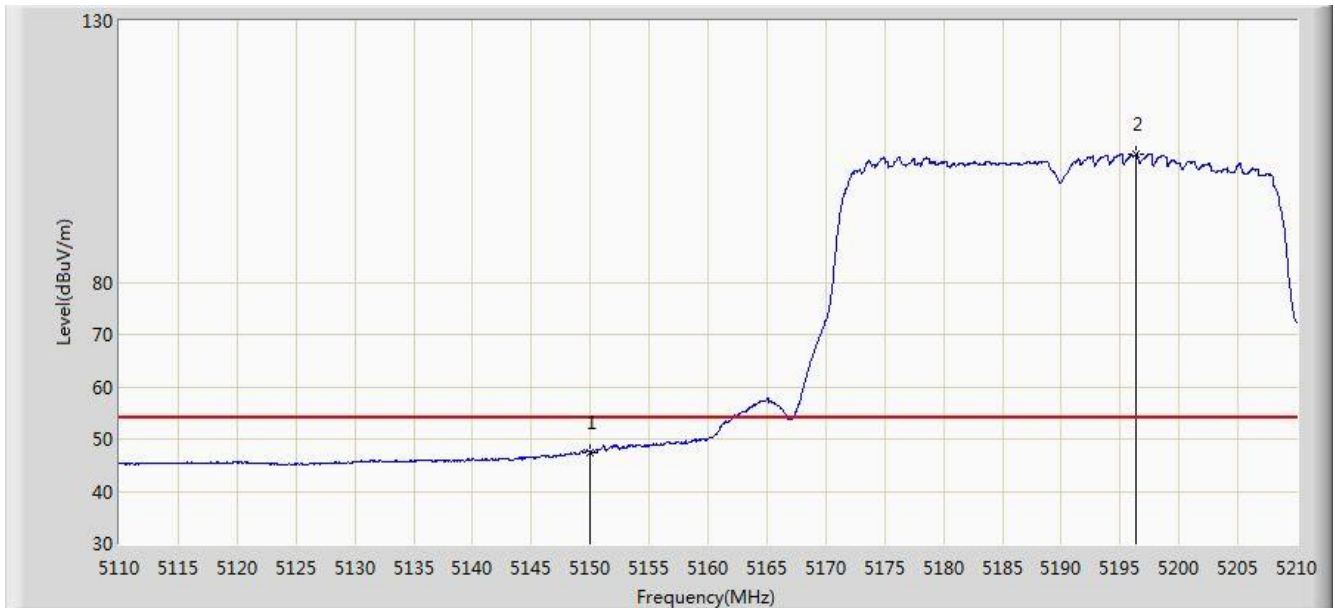


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.200	63.245	59.069	-10.755	74.000	4.176	PK
2			5150.000	59.155	54.986	-14.845	74.000	4.170	PK
3		*	5187.300	116.234	112.191	N/A	N/A	4.043	PK

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: 2017/09/07 - 00:00
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

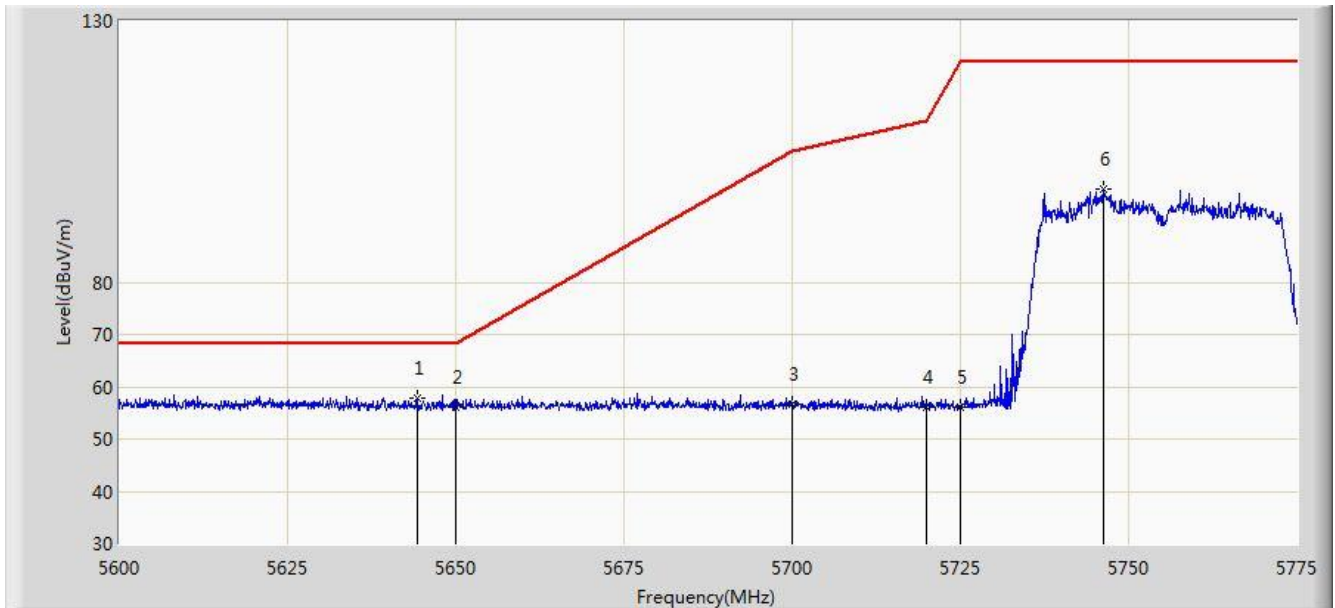


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.419	43.250	-6.581	54.000	4.170	AV
2		*	5196.300	104.390	100.379	N/A	N/A	4.011	AV

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: 2017/09/07 - 00:22
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

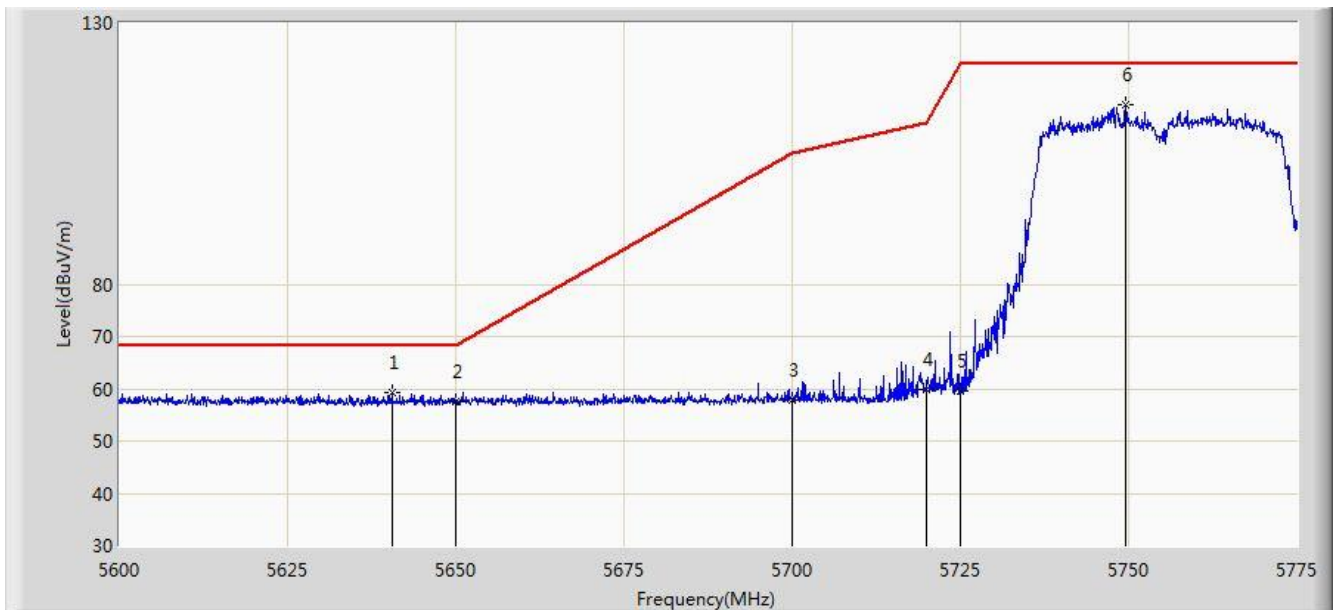


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.275	57.687	53.035	-10.513	68.200	4.652	PK
2			5650.000	55.960	51.289	-12.240	68.200	4.671	PK
3			5700.000	56.803	51.925	-48.397	105.200	4.878	PK
4			5720.000	56.132	51.135	-54.668	110.800	4.997	PK
5			5725.000	56.227	51.198	-65.973	122.200	5.029	PK
6			5746.300	97.829	92.667	N/A	N/A	5.163	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: 2017/09/07 - 00:24
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

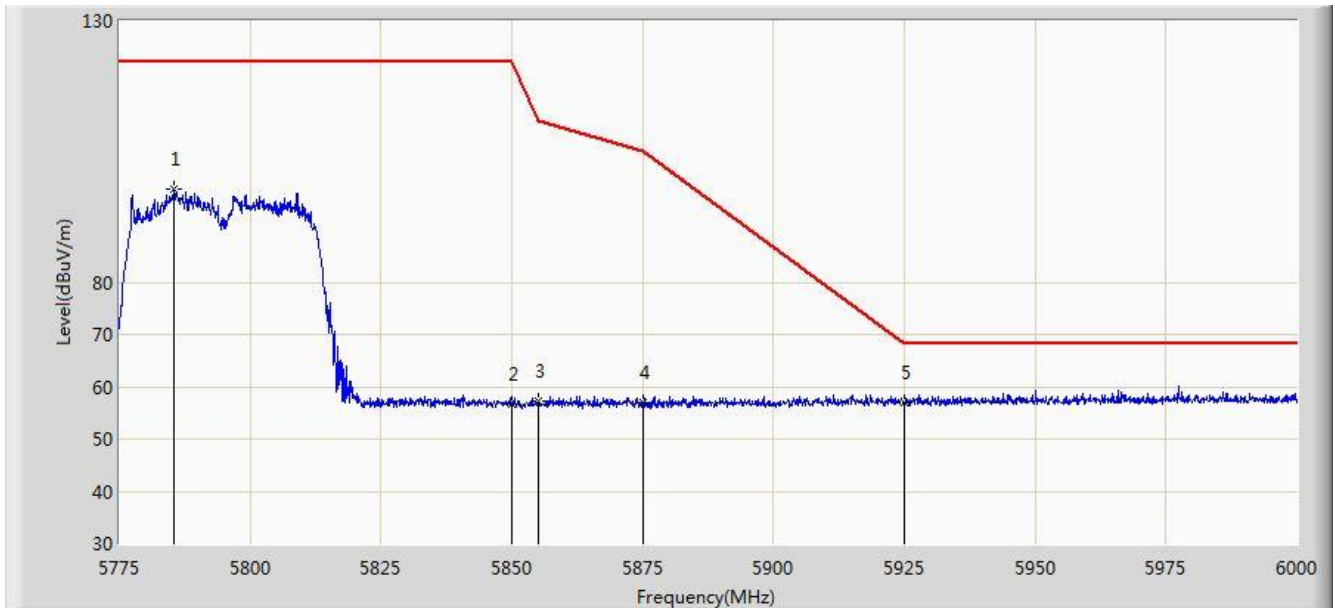


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.513	59.203	54.563	-8.997	68.200	4.640	PK
2			5650.000	57.658	52.987	-10.542	68.200	4.671	PK
3			5700.000	57.948	53.070	-47.252	105.200	4.878	PK
4			5720.000	59.943	54.946	-50.857	110.800	4.997	PK
5			5725.000	59.662	54.633	-62.538	122.200	5.029	PK
6		*	5749.625	114.266	109.085	N/A	N/A	5.180	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: 2017/09/07 - 00:24
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

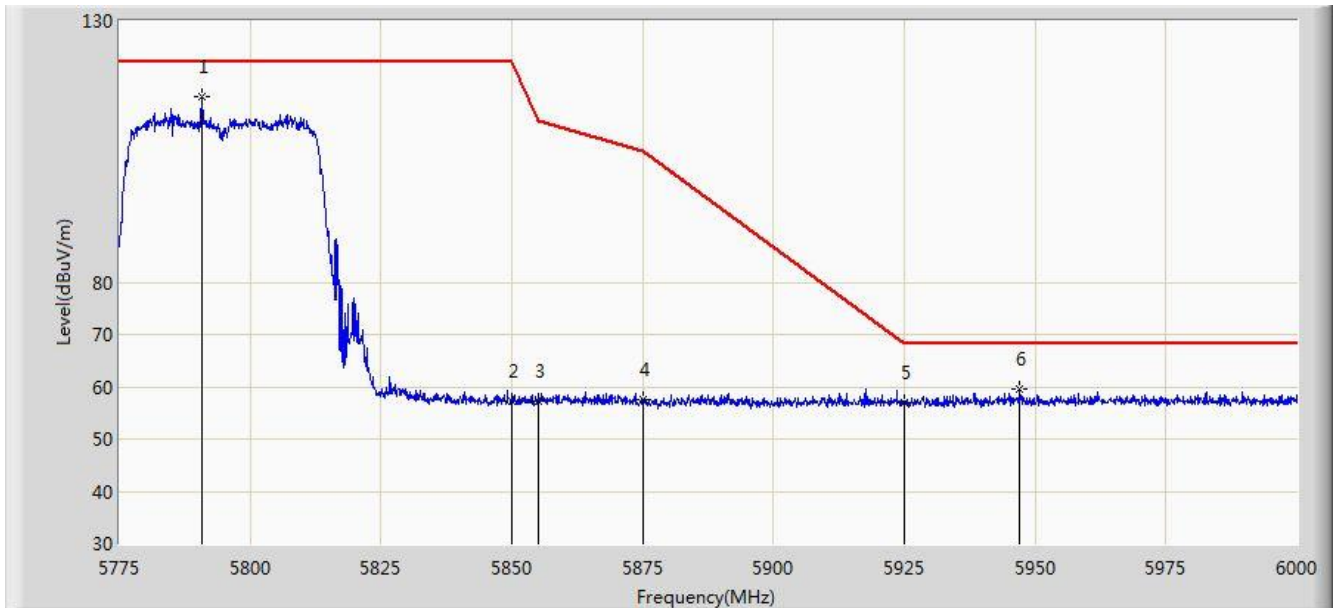


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5785.462	97.781	92.412	N/A	N/A	5.368	PK
2			5850.000	56.574	50.848	-65.626	122.200	5.726	PK
3			5855.000	57.111	51.365	-53.689	110.800	5.746	PK
4			5875.000	56.814	50.994	-48.386	105.200	5.820	PK
5		*	5925.000	57.016	51.050	-11.184	68.200	5.967	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: 2017/09/07 - 00:30
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

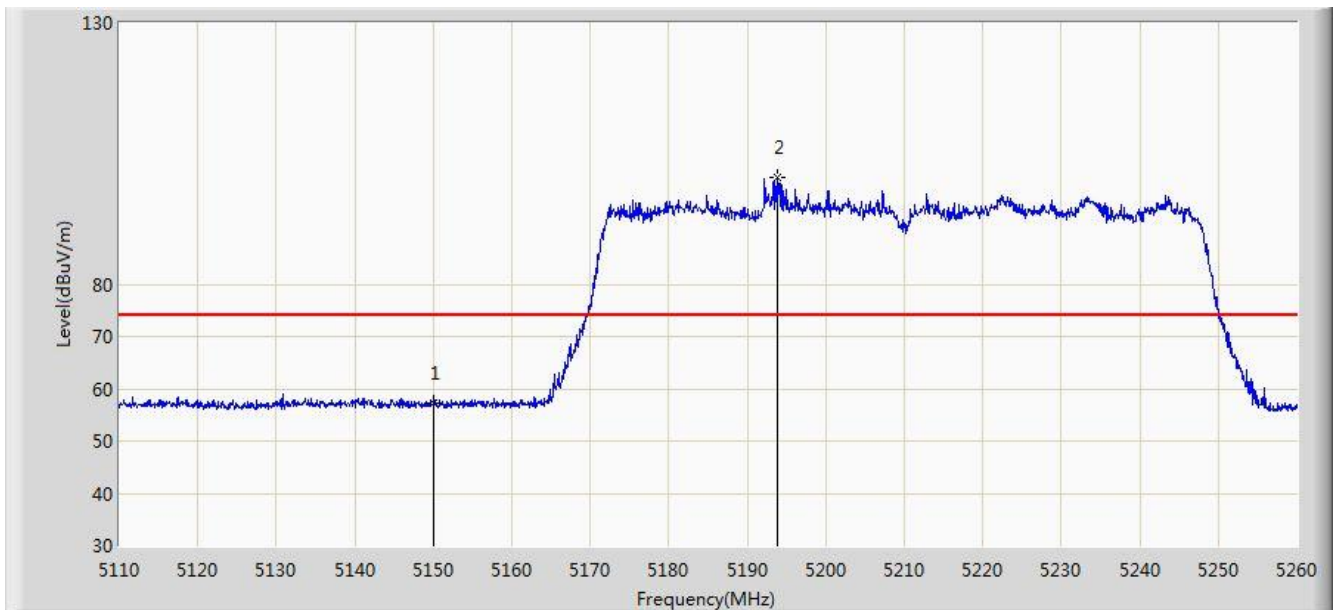


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.750	115.575	110.179	N/A	N/A	5.396	PK
2			5850.000	57.245	51.519	-64.955	122.200	5.726	PK
3			5855.000	57.193	51.447	-53.607	110.800	5.746	PK
4			5875.000	57.550	51.730	-47.650	105.200	5.820	PK
5			5925.000	56.992	51.026	-11.208	68.200	5.967	PK
6			5947.125	59.638	53.617	-8.562	68.200	6.021	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: 2017/09/07 - 00:32
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

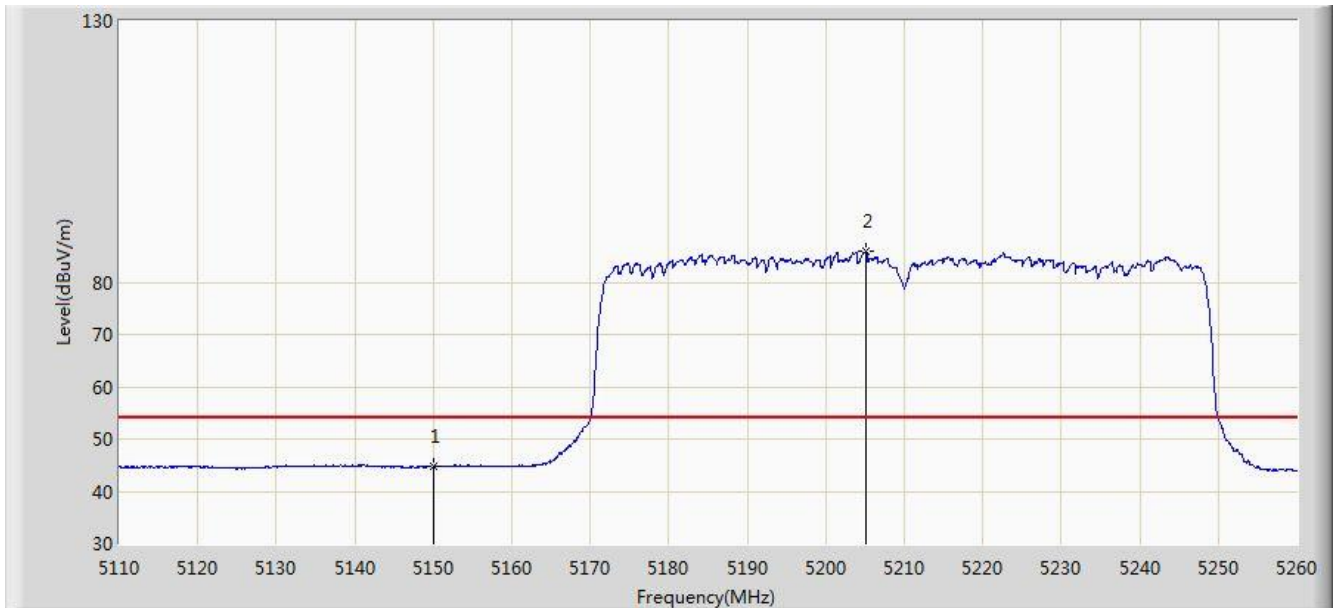


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	57.169	53.000	-16.831	74.000	4.170	PK
2		*	5193.775	100.483	96.463	N/A	N/A	4.020	PK

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: 2017/09/07 - 00:38
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

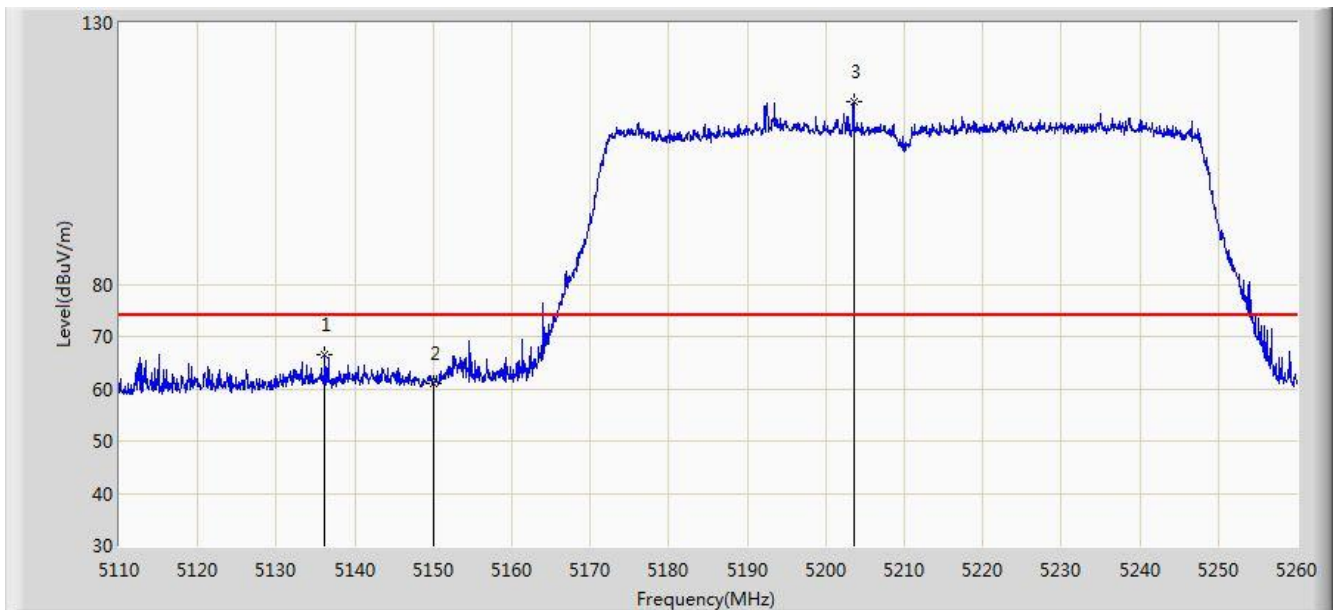


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.668	40.499	-9.332	54.000	4.170	AV
2		*	5205.100	85.824	81.841	N/A	N/A	3.984	AV

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: 2017/09/07 - 00:39
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

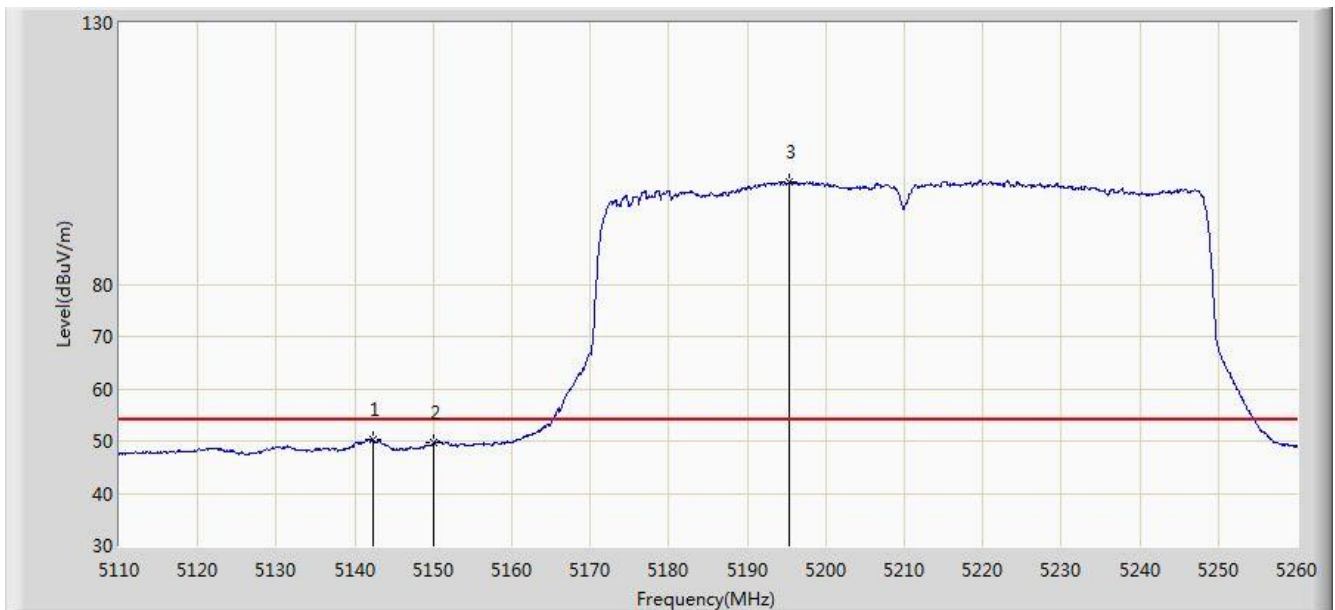


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.175	66.542	62.367	-7.458	74.000	4.175	PK
2			5150.000	60.998	56.829	-13.002	74.000	4.170	PK
3		*	5203.525	114.943	110.955	N/A	N/A	3.987	PK

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: 2017/09/07 - 00:40
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

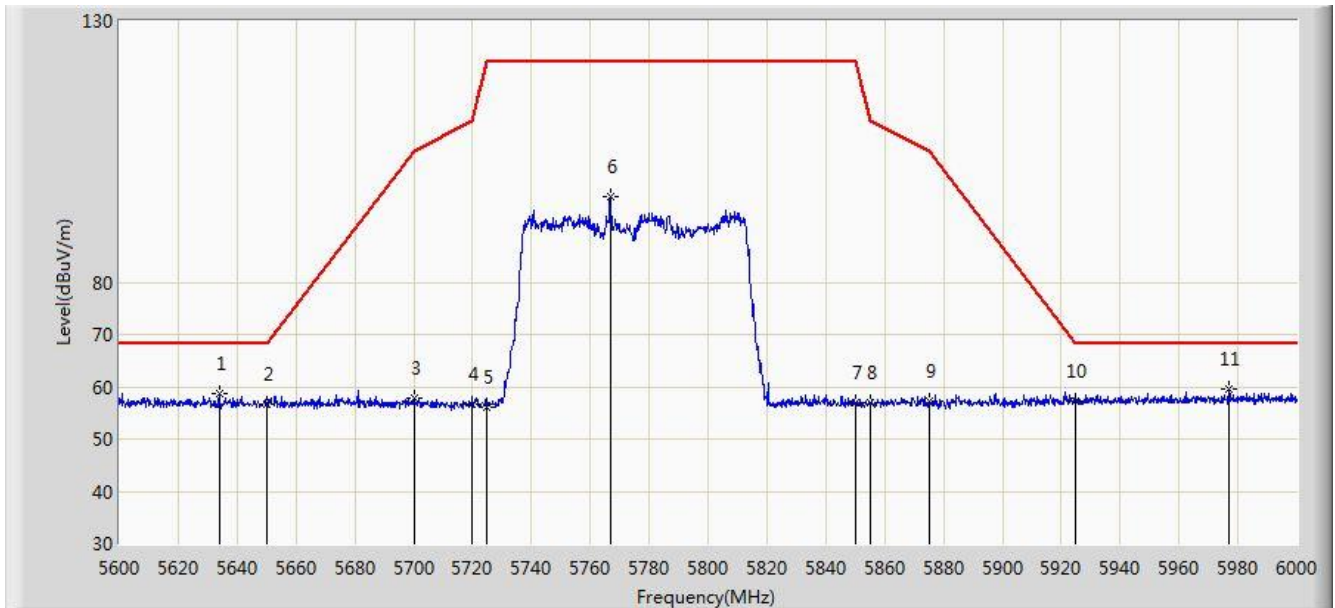


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.325	50.408	46.232	-3.592	54.000	4.175	AV
2			5150.000	49.642	45.473	-4.358	54.000	4.170	AV
3		*	5195.275	99.435	95.420	N/A	N/A	4.015	AV

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: 2017/09/07 - 00:56
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

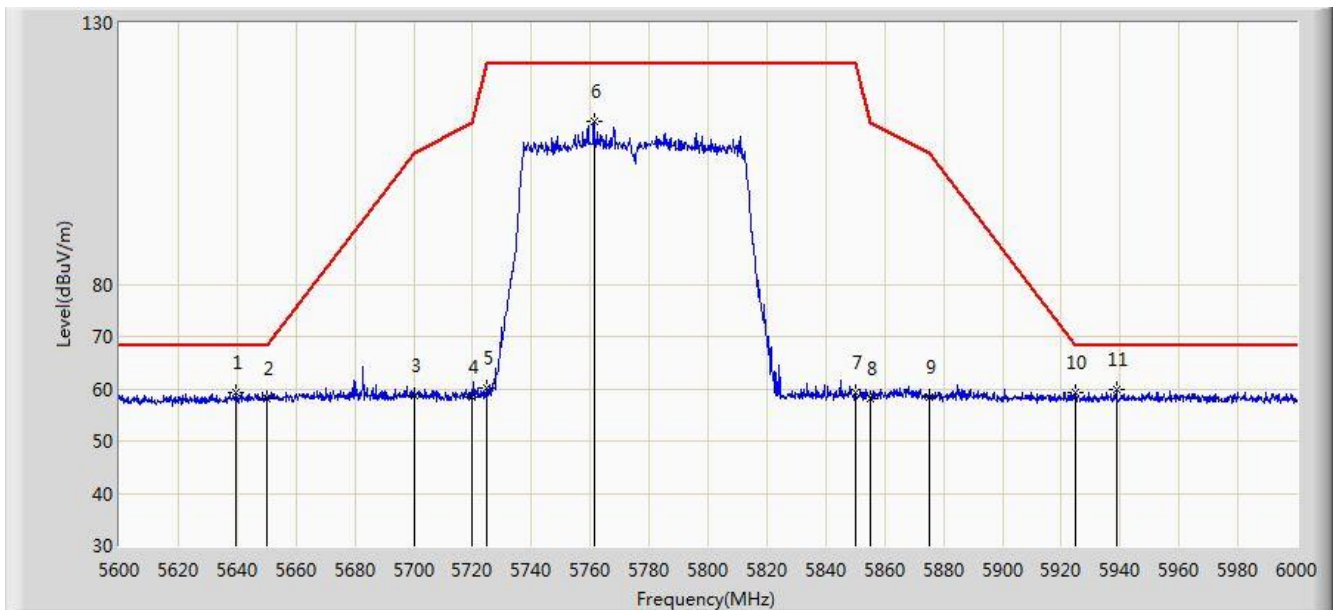


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.000	58.612	53.991	-9.588	68.200	4.621	PK
2			5650.000	56.733	52.062	-11.467	68.200	4.671	PK
3			5700.000	57.853	52.975	-47.347	105.200	4.878	PK
4			5720.000	56.804	51.807	-53.996	110.800	4.997	PK
5			5725.000	56.188	51.159	-66.012	122.200	5.029	PK
6			5766.800	96.470	91.195	N/A	N/A	5.274	PK
7			5850.000	57.089	51.363	-65.111	122.200	5.726	PK
8			5855.000	56.909	51.163	-53.891	110.800	5.746	PK
9			5875.000	57.151	51.331	-48.049	105.200	5.820	PK
10			5925.000	57.304	51.338	-10.896	68.200	5.967	PK
11		*	5976.800	59.423	53.351	-8.777	68.200	6.072	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: 2017/09/07 - 00:58
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

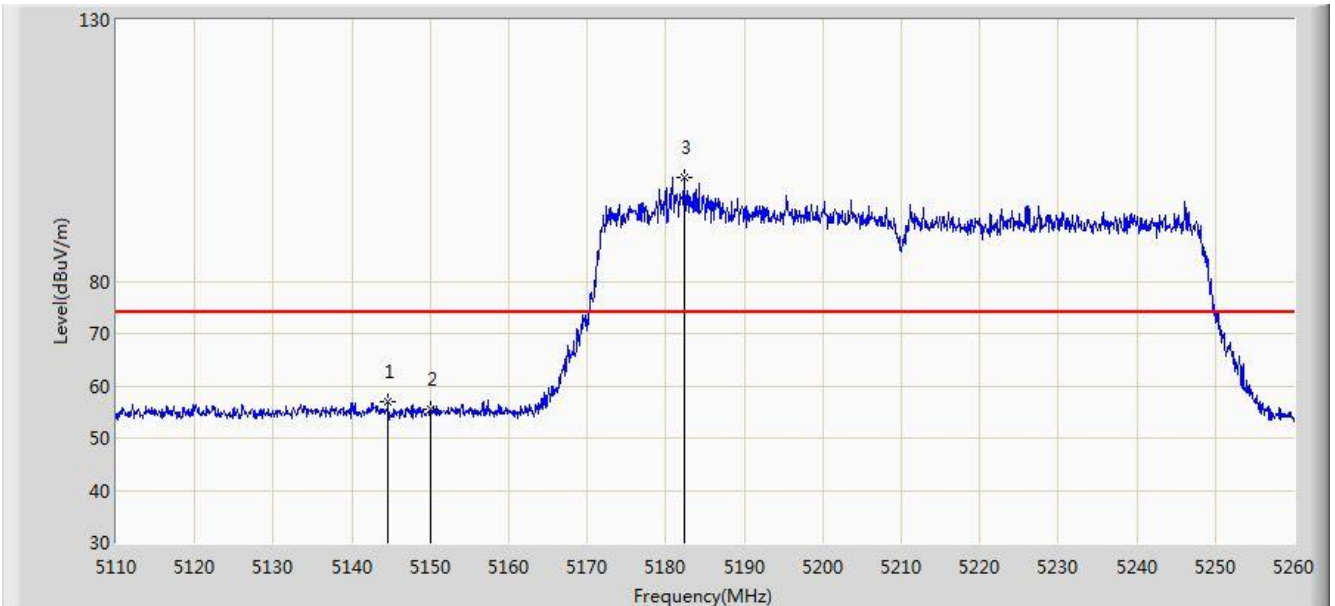


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.800	59.398	54.761	-8.802	68.200	4.638	PK
2			5650.000	58.143	53.472	-10.057	68.200	4.671	PK
3			5700.000	58.731	53.853	-46.469	105.200	4.878	PK
4			5720.000	58.456	53.459	-52.344	110.800	4.997	PK
5			5725.000	60.141	55.112	-62.059	122.200	5.029	PK
6			5761.200	111.067	105.821	N/A	N/A	5.246	PK
7			5850.000	59.180	53.454	-63.020	122.200	5.726	PK
8			5855.000	58.225	52.479	-52.575	110.800	5.746	PK
9			5875.000	58.416	52.596	-46.784	105.200	5.820	PK
10			5925.000	59.146	53.180	-9.054	68.200	5.967	PK
11		*	5938.600	59.847	53.847	-8.353	68.200	6.001	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: 2017/09/30 - 14:12
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

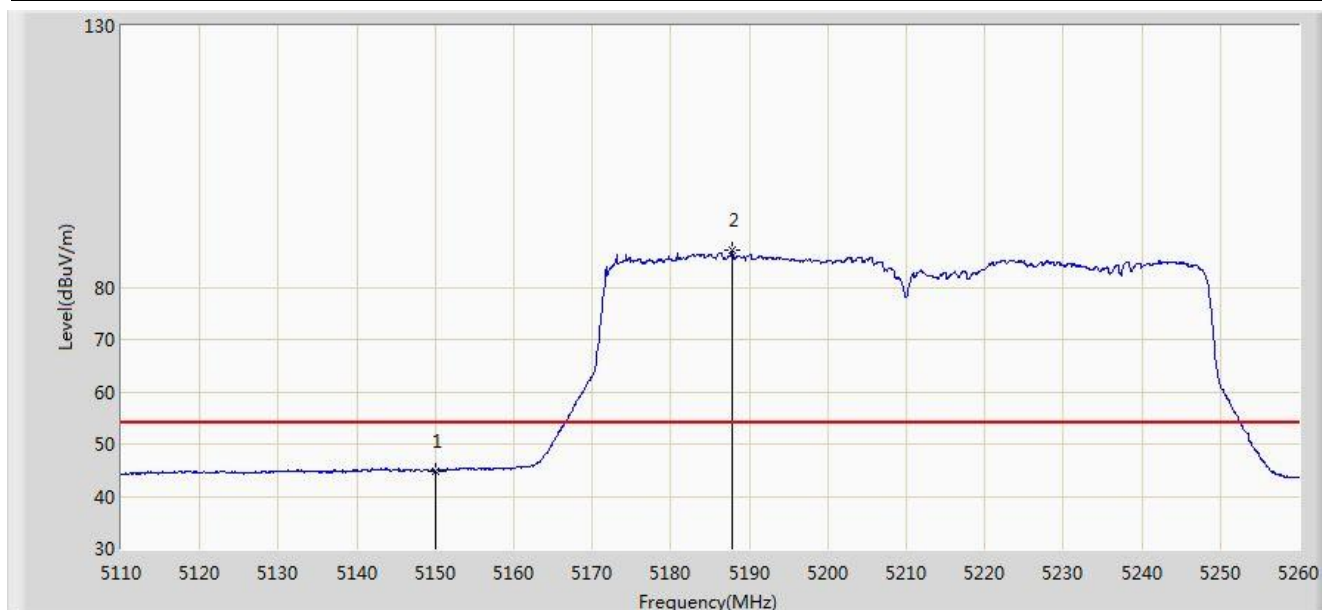


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.650	56.943	52.767	-17.057	74.000	4.176	PK
2			5150.000	55.367	51.198	-18.633	74.000	4.170	PK
3		*	5182.300	99.942	95.881	N/A	N/A	4.060	PK

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: 2017/09/30 - 14:13
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

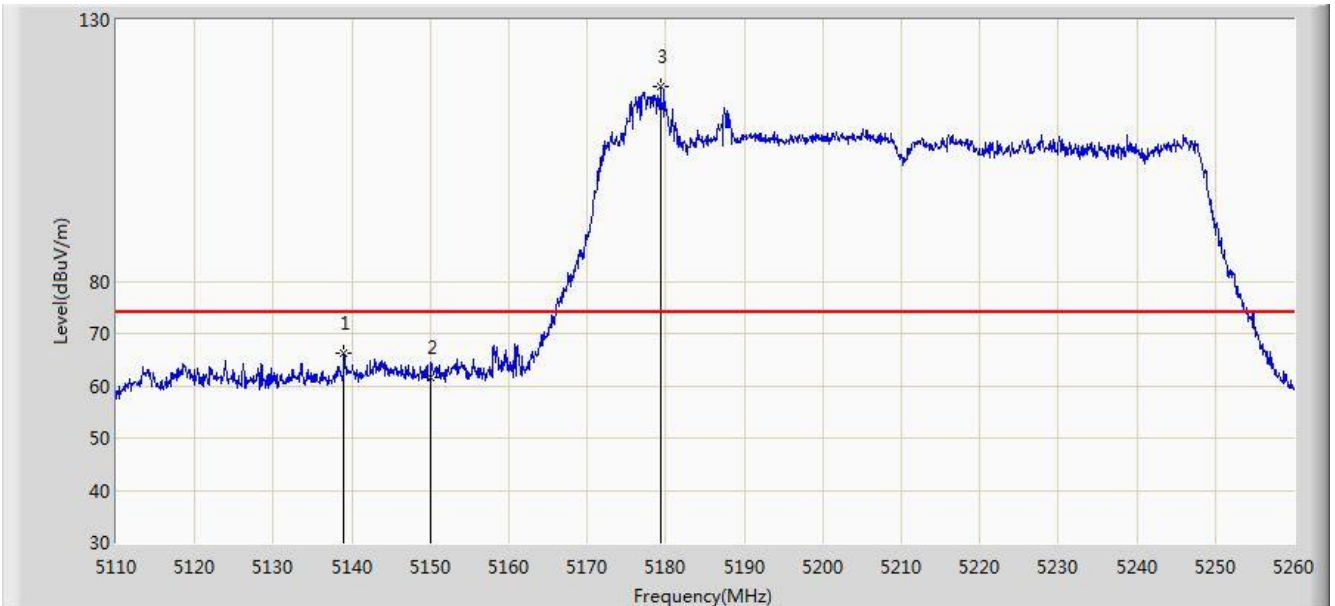


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.825	40.656	-9.175	54.000	4.170	AV
2		*	5187.850	86.991	82.950	N/A	N/A	4.041	AV

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: 2017/09/30 - 14:11
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

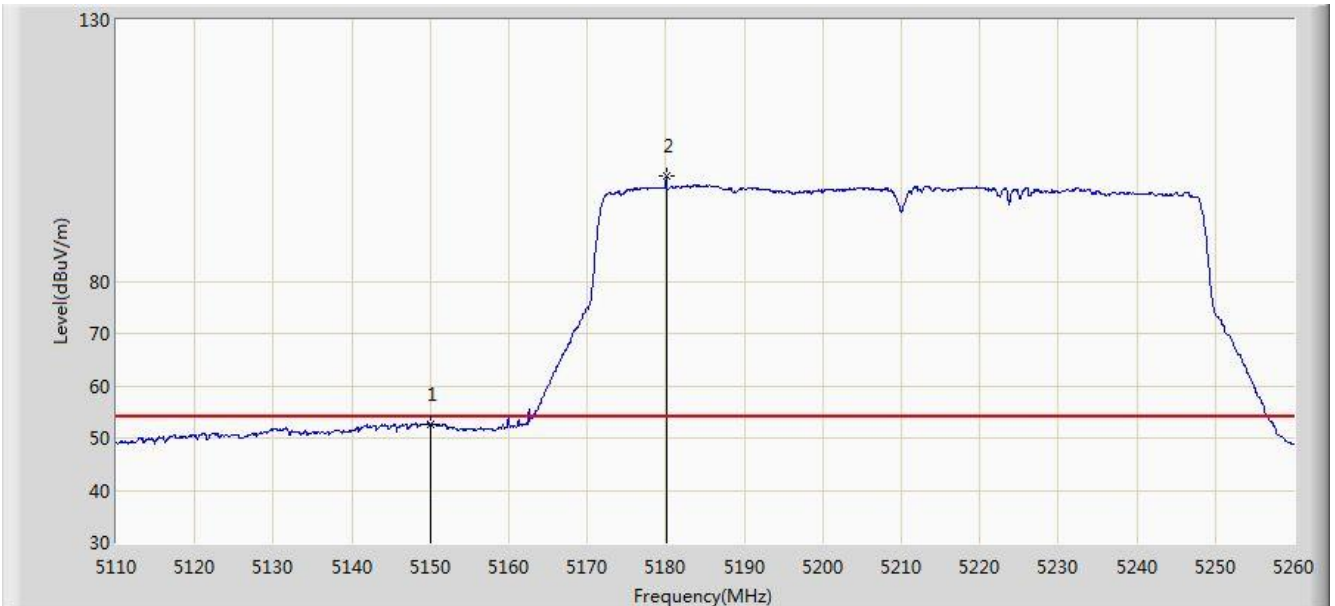


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.025	66.230	62.055	-7.770	74.000	4.176	PK
2			5150.000	61.465	57.296	-12.535	74.000	4.170	PK
3		*	5179.375	117.358	113.287	N/A	N/A	4.071	PK

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: 2017/09/30 - 14:11
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

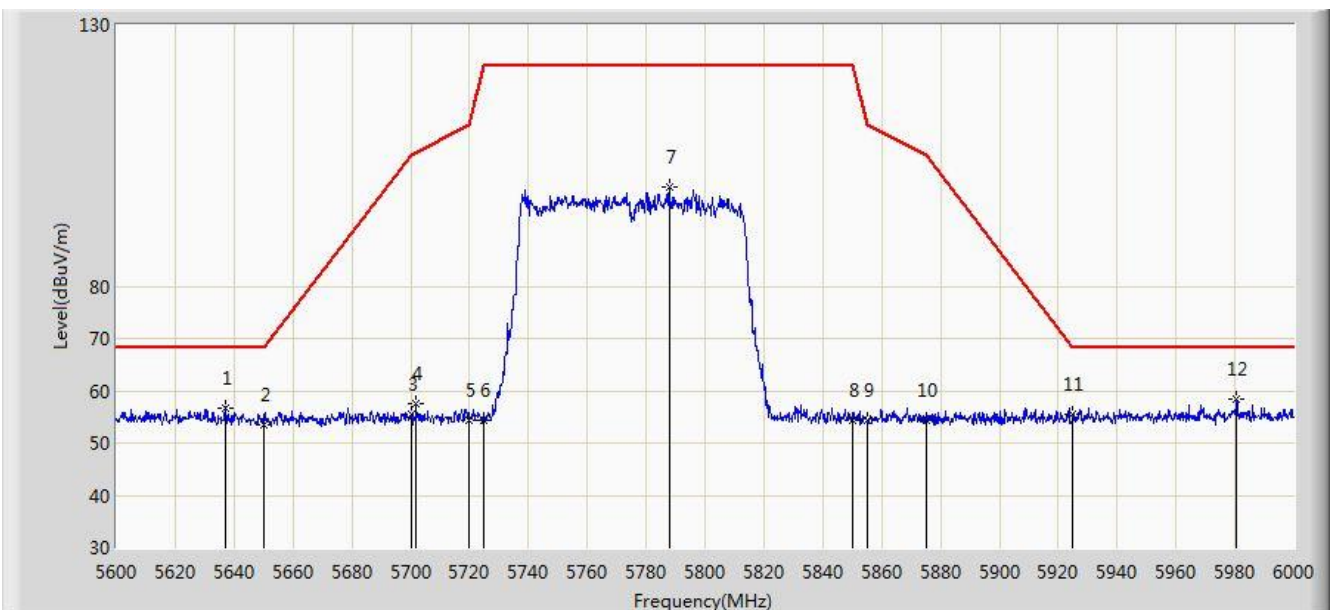


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.565	48.396	-1.435	54.000	4.170	AV
2		*	5180.050	100.181	96.112	N/A	N/A	4.069	AV

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: 2017/09/30 - 14:33
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

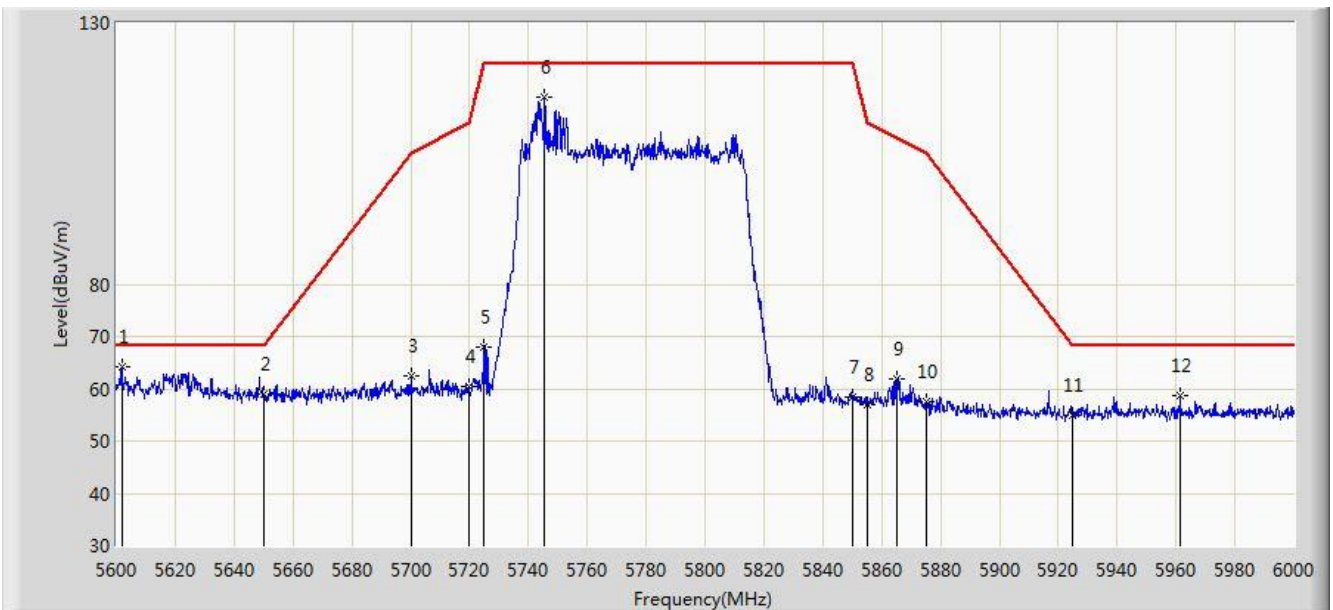


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5637.200	56.758	52.128	-11.442	68.200	4.630	PK
2			5650.000	53.623	48.952	-14.577	68.200	4.671	PK
3			5700.000	55.370	50.492	-49.830	105.200	4.878	PK
4			5701.800	57.488	52.600	-48.217	105.705	4.887	PK
5			5720.000	54.355	49.358	-56.445	110.800	4.997	PK
6			5725.000	54.220	49.191	-67.980	122.200	5.029	PK
7			5787.800	98.925	93.544	N/A	N/A	5.381	PK
8			5850.000	54.291	48.565	-67.909	122.200	5.726	PK
9			5855.000	54.289	48.543	-56.511	110.800	5.746	PK
10			5875.000	54.243	48.423	-50.957	105.200	5.820	PK
11			5925.000	55.367	49.401	-12.833	68.200	5.967	PK
12		*	5980.600	58.307	52.228	-9.893	68.200	6.079	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: 2017/09/30 - 14:38
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

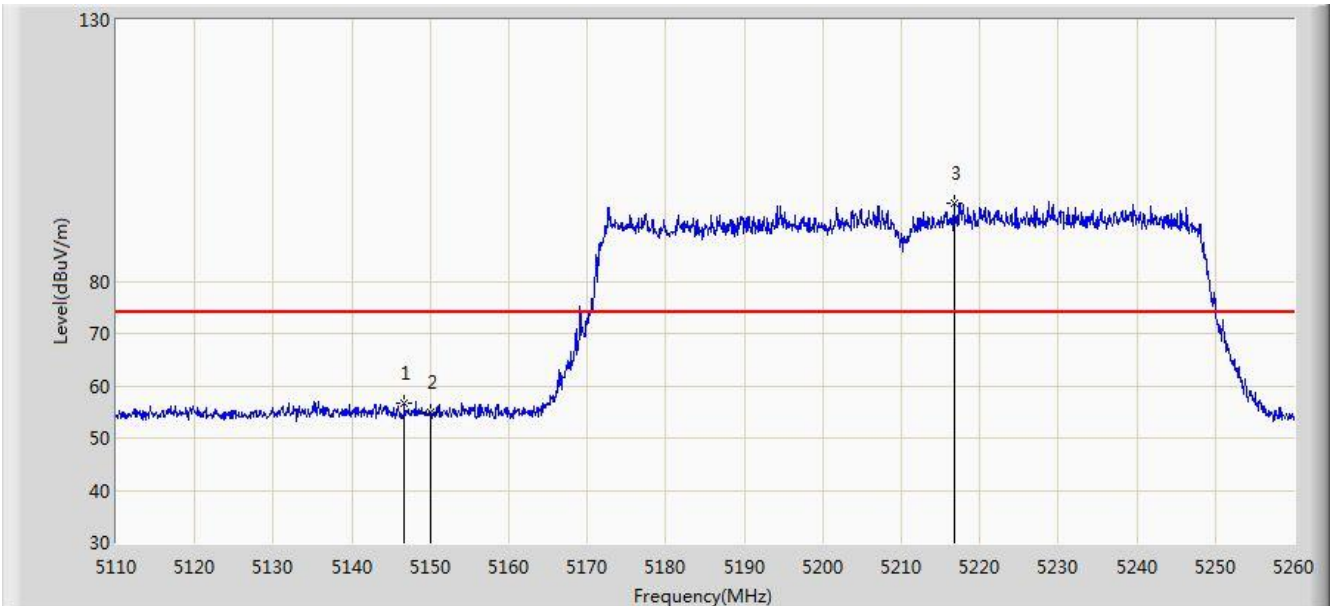


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5601.800	64.331	59.799	-3.869	68.200	4.531	PK
2			5650.000	58.982	54.311	-9.218	68.200	4.671	PK
3			5700.000	62.350	57.472	-42.850	105.200	4.878	PK
4			5720.000	60.297	55.300	-50.503	110.800	4.997	PK
5			5725.000	68.017	62.988	-54.183	122.200	5.029	PK
6			5745.600	115.908	110.750	N/A	N/A	5.158	PK
7			5850.000	58.346	52.620	-63.854	122.200	5.726	PK
8			5855.000	56.818	51.072	-53.982	110.800	5.746	PK
9			5865.400	61.955	56.168	-45.931	107.886	5.787	PK
10			5875.000	57.656	51.836	-47.544	105.200	5.820	PK
11			5925.000	55.066	49.100	-13.134	68.200	5.967	PK
12			5961.400	58.745	52.699	-9.455	68.200	6.047	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: 2017/09/30 - 14:40
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

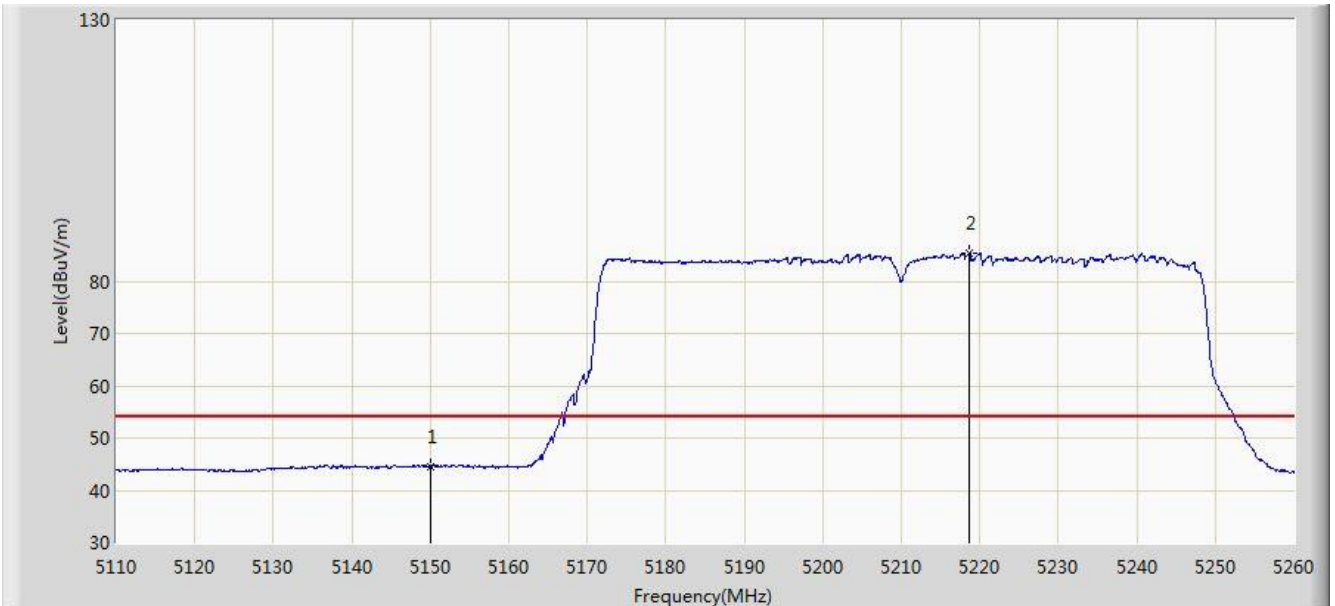


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.675	56.703	52.527	-17.297	74.000	4.176	PK
2			5150.000	54.856	50.687	-19.144	74.000	4.170	PK
3		*	5216.725	95.016	91.067	N/A	N/A	3.949	PK

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: 2017/09/30 - 14:46
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

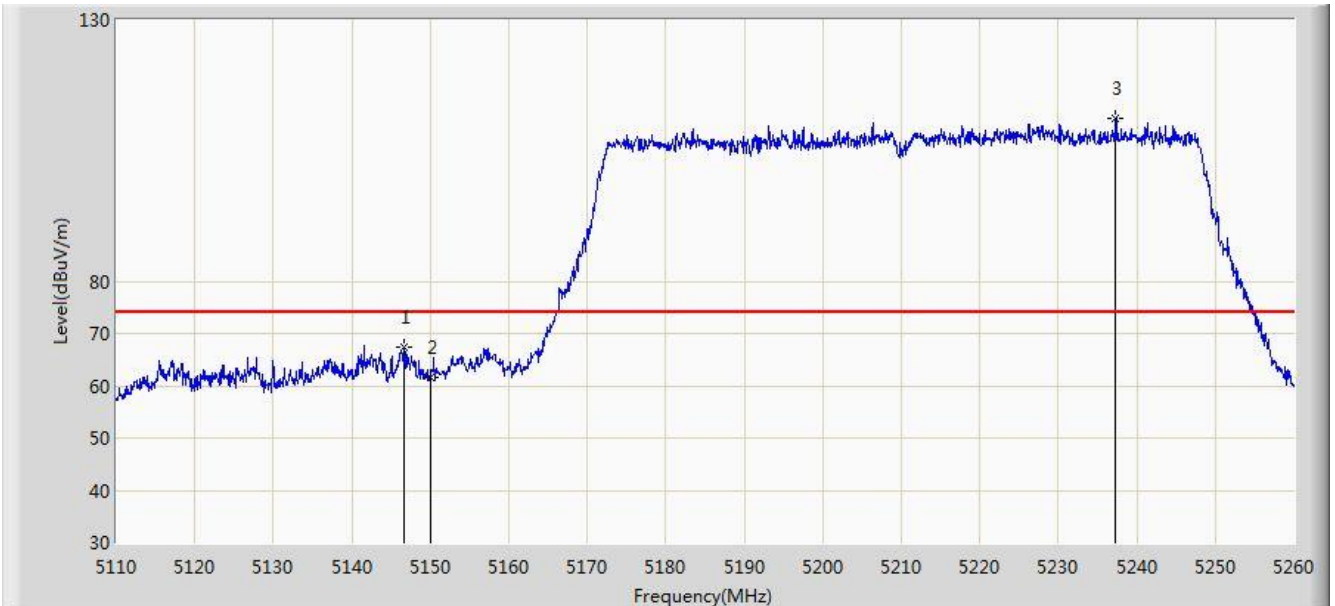


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.559	40.390	-9.441	54.000	4.170	AV
2		*	5218.600	85.225	81.282	N/A	N/A	3.943	AV

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: 2017/09/30 - 14:47
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

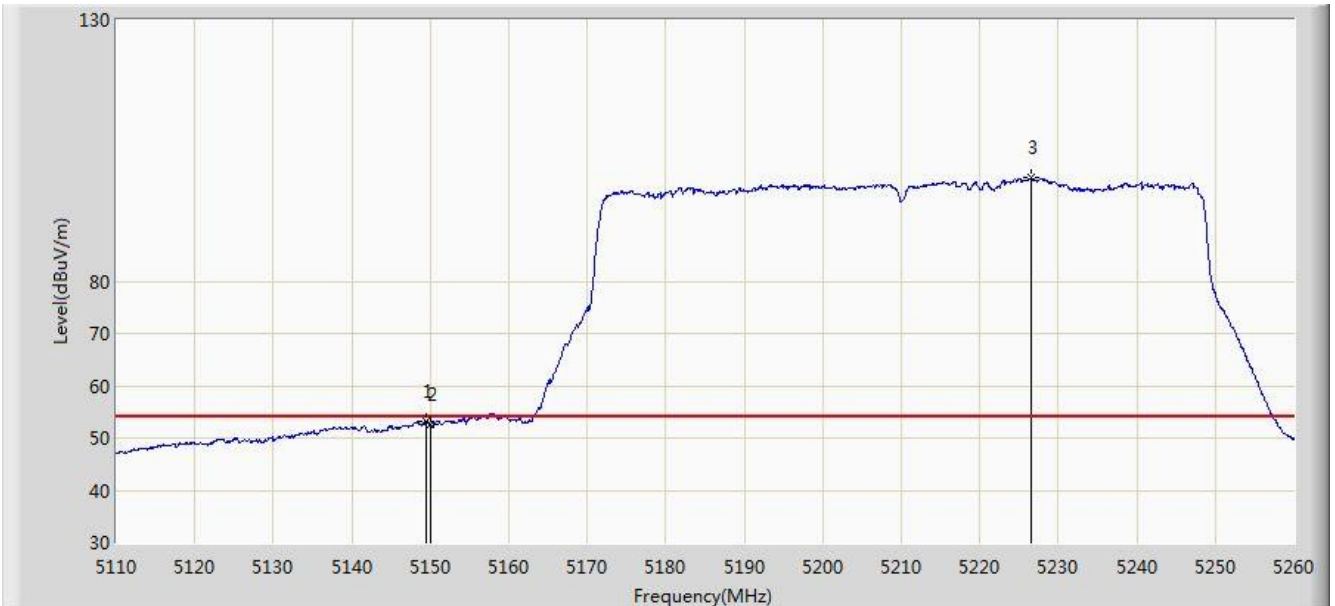


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.675	67.528	63.352	-6.472	74.000	4.176	PK
2			5150.000	61.639	57.470	-12.361	74.000	4.170	PK
3		*	5237.275	111.134	107.246	N/A	N/A	3.887	PK

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: 2017/09/30 - 14:48
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

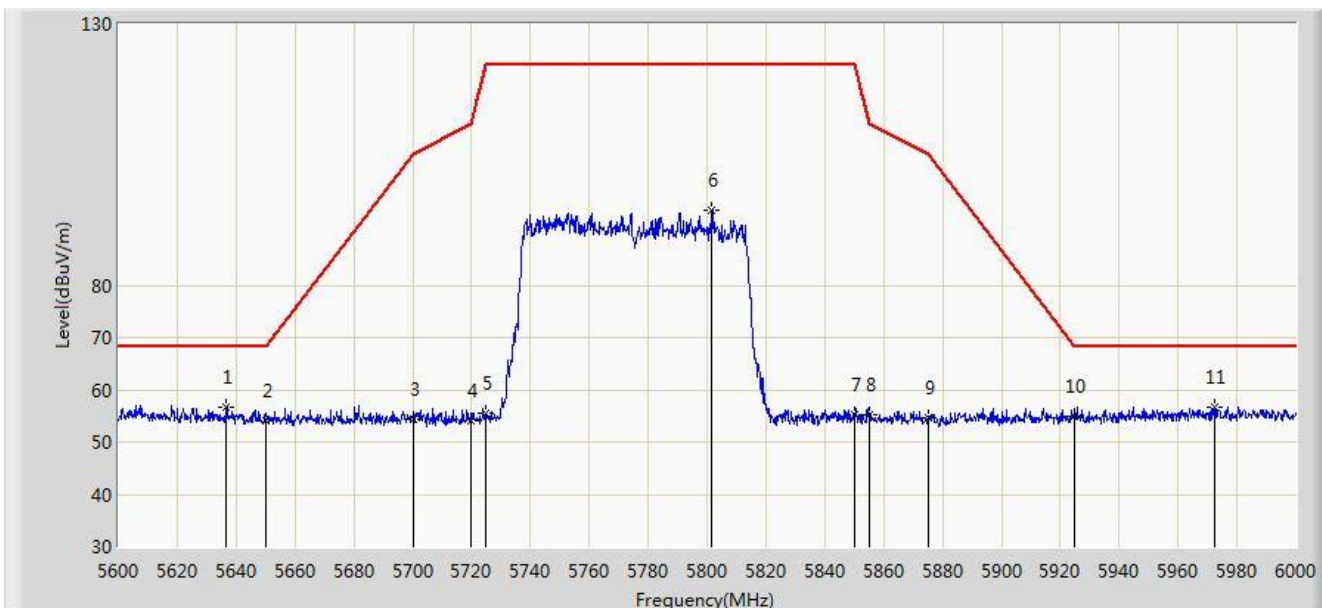


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.525	53.140	48.969	-0.860	54.000	4.170	AV
2			5150.000	52.565	48.396	-1.435	54.000	4.170	AV
3		*	5226.550	99.728	95.808	N/A	N/A	3.919	AV

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: 2017/09/30 - 15:05
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

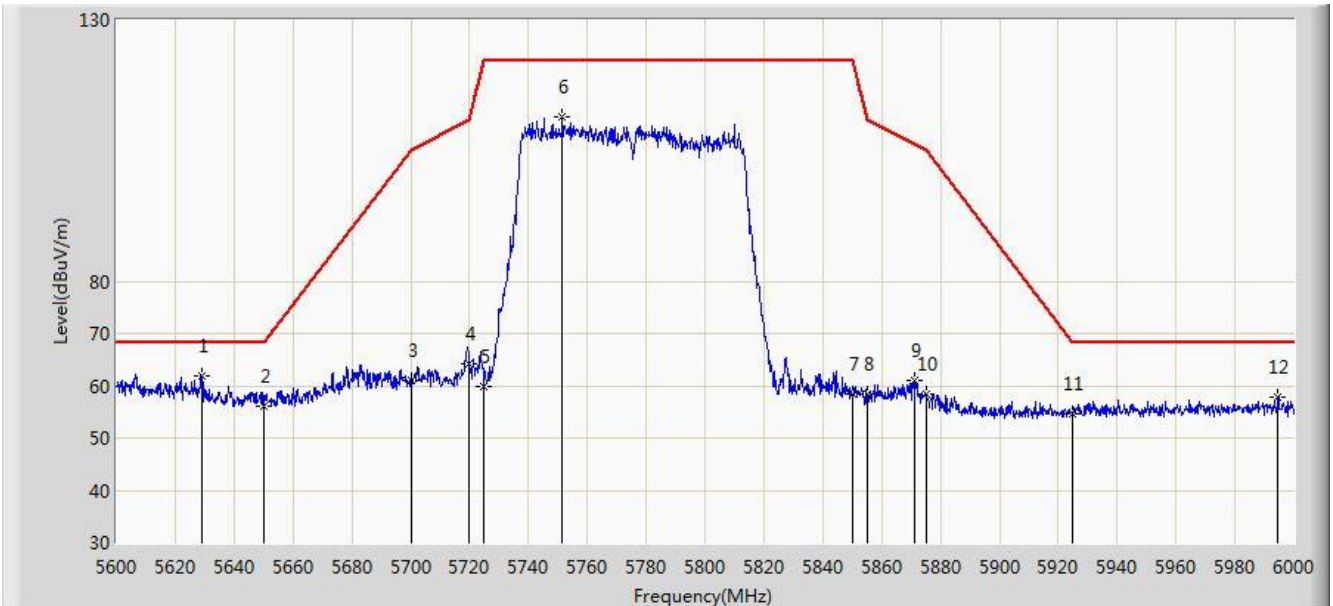


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5636.800	56.626	51.998	-11.574	68.200	4.628	PK
2			5650.000	54.018	49.347	-14.182	68.200	4.671	PK
3			5700.000	54.438	49.560	-50.762	105.200	4.878	PK
4			5720.000	53.929	48.932	-56.871	110.800	4.997	PK
5			5725.000	55.404	50.375	-66.796	122.200	5.029	PK
6			5801.600	94.407	88.953	N/A	N/A	5.454	PK
7			5850.000	55.183	49.457	-67.017	122.200	5.726	PK
8			5855.000	55.229	49.483	-55.571	110.800	5.746	PK
9			5875.000	54.503	48.683	-50.697	105.200	5.820	PK
10			5925.000	55.033	49.067	-13.167	68.200	5.967	PK
11			5972.200	56.564	50.499	-11.636	68.200	6.065	PK

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

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

Site: AC1	Time: 2017/09/30 - 15:09
Limit: NCC LP0002_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 57V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (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		*	5629.000	61.851	57.245	-6.349	68.200	4.607	PK
2			5650.000	56.005	51.334	-12.195	68.200	4.671	PK
3			5700.000	61.044	56.166	-44.156	105.200	4.878	PK
4			5720.000	64.153	59.156	-46.647	110.800	4.997	PK
5			5725.000	59.903	54.874	-62.297	122.200	5.029	PK
6			5751.400	111.471	106.280	N/A	N/A	5.191	PK
7			5850.000	58.509	52.783	-63.691	122.200	5.726	PK
8			5855.000	58.383	52.637	-52.417	110.800	5.746	PK
9			5871.000	60.875	55.069	-45.443	106.318	5.806	PK
10			5875.000	58.453	52.633	-46.747	105.200	5.820	PK
11			5925.000	54.563	48.597	-13.637	68.200	5.967	PK
12			5994.600	57.822	51.721	-10.378	68.200	6.101	PK

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

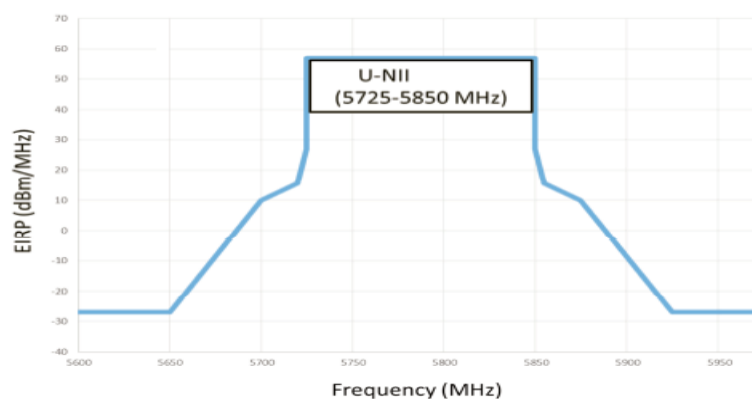
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

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) $\leq$ 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) $\leq$ 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) $\leq$ 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 $\geq$ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) $\leq$ -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。

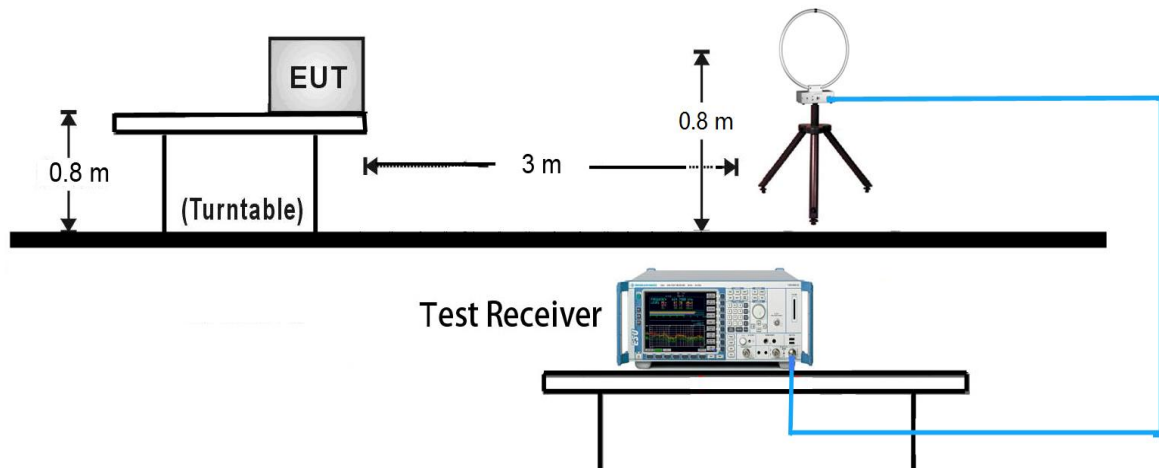
不必要發射頻率屬 2.7 規定頻段者，應符合 2.8 之規定。

5.8.2. 量測方法

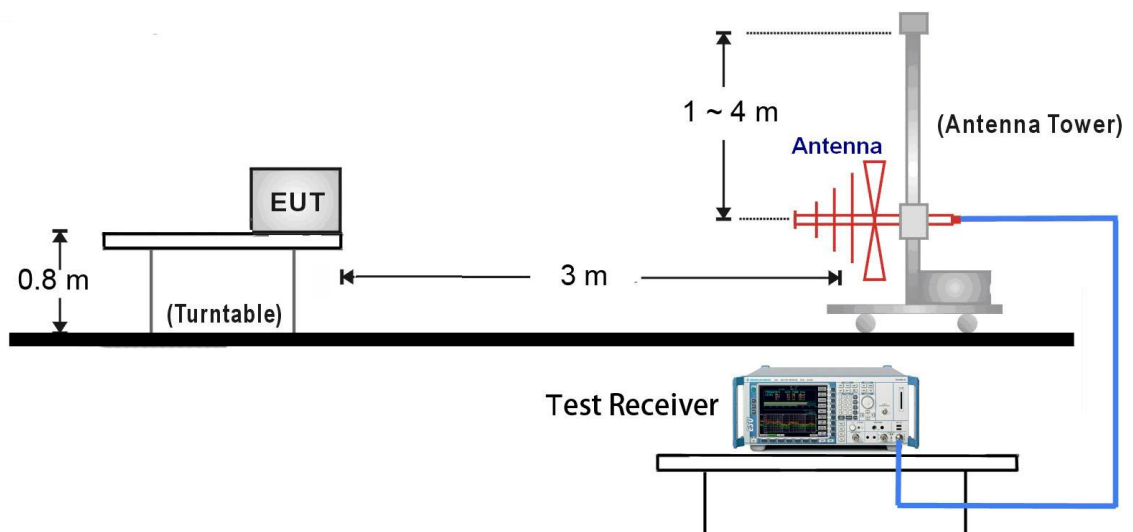
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.8.3. 測試架構圖

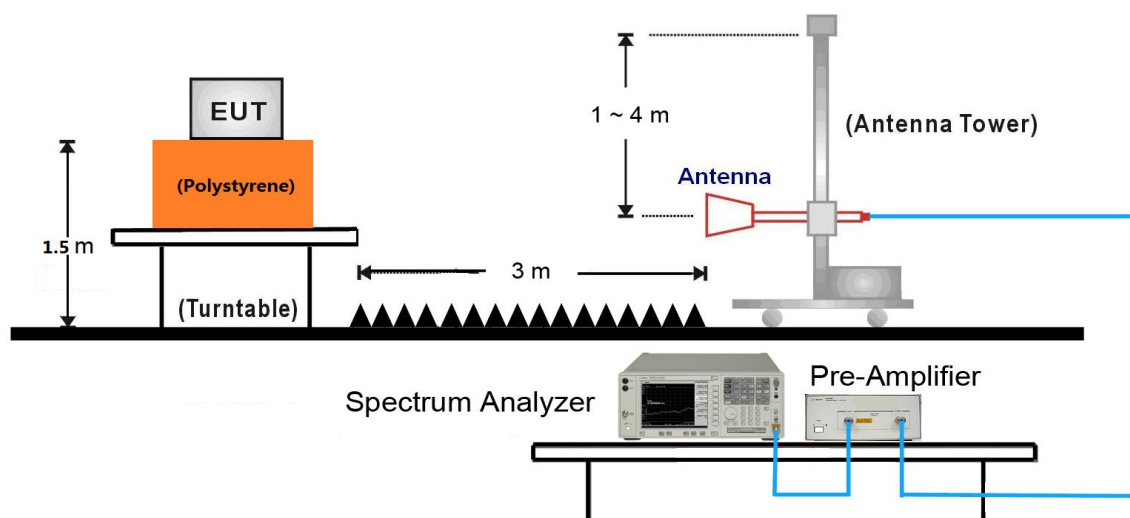
Under 30MHz Test Setup



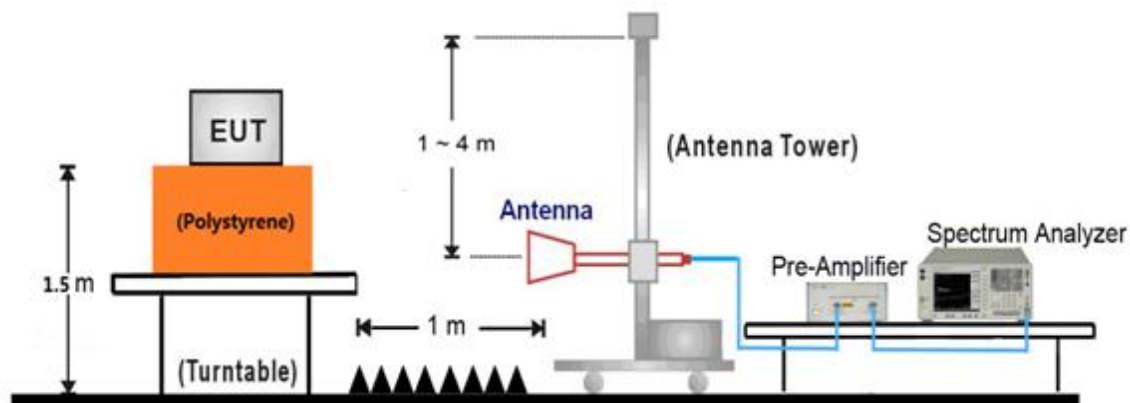
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup



18GHz ~40GHz Test Setup



5.8.4. 不必要之發射測試結果

Product	ACCESS POINT - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	7842.5	36.3	12.4	48.7	68.2	-19.5	Peak	Horizontal
*	8692.5	34.6	13.7	48.3	68.2	-19.9	Peak	Horizontal
	11251.0	32.2	18.8	51.0	54.0	-3.0	Peak	Horizontal
	12186.0	32.6	18.8	51.4	54.0	-2.6	Peak	Horizontal
*	8837.0	34.7	14.0	48.7	68.2	-19.5	Peak	Vertical
*	9942.0	34.7	15.3	50.0	68.2	-18.2	Peak	Vertical
	11149.0	32.5	18.7	51.2	54.0	-2.8	Peak	Vertical
	12092.5	32.6	18.9	51.5	54.0	-2.5	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8837.0	34.7	14.0	48.7	68.2	-19.5	Peak	Horizontal
*	9942.0	34.7	15.3	50.0	68.2	-18.2	Peak	Horizontal
	11149.0	32.5	18.7	51.2	54.0	-2.8	Peak	Horizontal
	12092.5	32.6	18.9	51.5	54.0	-2.5	Peak	Horizontal
*	8752.0	33.4	13.9	47.3	68.2	-20.9	Peak	Vertical
*	10078.0	34.7	15.6	50.3	68.2	-17.9	Peak	Vertical
	11225.5	32.7	18.8	51.5	54.0	-2.5	Peak	Vertical
	12050.0	32.5	18.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.8	14.0	49.8	68.2	-18.4	Peak	Horizontal
*	9772.0	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
	11234.0	32.3	18.8	51.1	54.0	-2.9	Peak	Horizontal
	12058.5	32.7	18.8	51.5	54.0	-2.5	Peak	Horizontal
*	8786.0	34.3	13.9	48.2	68.2	-20.0	Peak	Vertical
*	9789.0	34.1	15.0	49.1	68.2	-19.1	Peak	Vertical
	11157.5	32.4	18.7	51.1	54.0	-2.9	Peak	Vertical
	11837.5	31.8	18.7	50.5	54.0	-3.5	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.3	13.9	48.2	68.2	-20.0	Peak	Horizontal
*	9789.0	34.1	15.0	49.1	68.2	-19.1	Peak	Horizontal
	11157.5	32.4	18.7	51.1	54.0	-2.9	Peak	Horizontal
	11837.5	31.8	18.7	50.5	54.0	-3.5	Peak	Horizontal
*	8854.0	34.5	14.0	48.5	68.2	-19.7	Peak	Vertical
*	9925.0	34.7	15.3	50.0	68.2	-18.2	Peak	Vertical
	11166.0	33.0	18.7	51.7	54.0	-2.3	Peak	Vertical
	12169.0	33.5	18.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8837.0	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
*	9993.0	35.9	15.4	51.3	68.2	-16.9	Peak	Horizontal
	11157.5	32.3	18.7	51.0	54.0	-3.0	Peak	Horizontal
	12330.5	32.8	18.5	51.3	54.0	-2.7	Peak	Horizontal
*	8854.0	35.1	14.0	49.1	68.2	-19.1	Peak	Vertical
*	9789.0	34.6	15.0	49.6	68.2	-18.6	Peak	Vertical
	11191.5	32.9	18.7	51.6	54.0	-2.4	Peak	Vertical
	12007.5	32.3	18.7	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8930.5	34.8	14.0	48.8	68.2	-19.4	Peak	Horizontal
*	9755.0	34.5	14.8	49.3	68.2	-18.9	Peak	Horizontal
	11021.5	33.4	18.5	51.9	54.0	-2.1	Peak	Horizontal
	11812.0	32.5	18.7	51.2	54.0	-2.8	Peak	Horizontal
*	8743.5	32.5	13.9	46.4	68.2	-21.8	Peak	Vertical
*	9712.5	34.1	14.7	48.8	68.2	-19.4	Peak	Vertical
	10877.0	34.5	18.2	52.7	54.0	-1.3	Peak	Vertical
	11735.5	32.6	19.0	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.0	13.9	46.9	68.2	-21.3	Peak	Horizontal
*	10061.0	33.7	15.6	49.3	68.2	-18.9	Peak	Horizontal
	11140.5	32.1	18.7	50.8	54.0	-3.2	Peak	Horizontal
	12058.5	31.6	18.8	50.4	54.0	-3.6	Peak	Horizontal
*	8862.5	34.5	14.0	48.5	68.2	-19.7	Peak	Vertical
*	9950.5	35.0	15.3	50.3	68.2	-17.9	Peak	Vertical
	11013.0	32.7	18.5	51.2	54.0	-2.8	Peak	Vertical
	11480.5	32.5	19.3	51.8	54.0	-2.2	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.7	13.9	48.6	68.2	-19.6	Peak	Horizontal
*	9644.5	34.7	14.4	49.1	68.2	-19.1	Peak	Horizontal
	11123.5	33.1	18.6	51.7	54.0	-2.3	Peak	Horizontal
	11939.5	33.9	18.6	52.5	54.0	-1.5	Peak	Horizontal
*	8854.0	35.5	14.0	49.5	68.2	-18.7	Peak	Vertical
*	9814.5	34.6	15.4	50.0	68.2	-18.2	Peak	Vertical
	11234.0	32.8	18.8	51.6	54.0	-2.4	Peak	Vertical
	11820.5	32.3	18.7	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8862.5	34.7	14.0	48.7	68.2	-19.5	Peak	Horizontal
*	9908.0	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
	11242.5	31.9	18.8	50.7	54.0	-3.3	Peak	Horizontal
	11846.0	33.2	18.7	51.9	54.0	-2.1	Peak	Horizontal
*	8701.0	34.8	13.8	48.6	68.2	-19.6	Peak	Vertical
*	9908.0	35.1	15.3	50.4	68.2	-17.8	Peak	Vertical
	11038.5	32.1	18.5	50.6	54.0	-3.4	Peak	Vertical
	11897.0	34.0	18.6	52.6	54.0	-1.4	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10052.5	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
	11225.5	32.1	18.8	50.9	54.0	-3.1	Peak	Horizontal
	12084.0	31.6	18.9	50.5	54.0	-3.5	Peak	Horizontal
*	8769.0	34.2	13.9	48.1	68.2	-20.1	Peak	Vertical
*	9738.0	34.1	14.8	48.9	68.2	-19.3	Peak	Vertical
	11021.5	32.7	18.5	51.2	54.0	-2.8	Peak	Vertical
	12041.5	31.8	18.8	50.6	54.0	-3.4	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	9857.0	34.2	16.2	50.4	68.2	-17.8	Peak	Horizontal
	11242.5	32.0	18.8	50.8	54.0	-3.2	Peak	Horizontal
	12254.0	32.0	18.6	50.6	54.0	-3.4	Peak	Horizontal
*	8718.0	33.2	13.8	47.0	68.2	-21.2	Peak	Vertical
*	9857.0	34.1	16.2	50.3	68.2	-17.9	Peak	Vertical
	10877.0	35.2	18.2	53.4	54.0	-0.6	Peak	Vertical
	11633.5	33.0	19.4	52.4	54.0	-1.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8879.5	35.6	14.0	49.6	68.2	-18.6	Peak	Horizontal
*	10112.0	33.4	15.8	49.2	68.2	-19.0	Peak	Horizontal
	11047.0	33.0	18.5	51.5	54.0	-2.5	Peak	Horizontal
	11786.5	32.0	18.8	50.8	54.0	-3.2	Peak	Horizontal
*	8769.0	33.0	13.9	46.9	68.2	-21.3	Peak	Vertical
*	9814.5	34.2	15.4	49.6	68.2	-18.6	Peak	Vertical
	10792.0	33.9	17.9	51.8	54.0	-2.2	Peak	Vertical
	11761.0	32.7	18.9	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8701.0	33.8	13.8	47.6	68.2	-20.6	Peak	Horizontal
*	9908.0	34.2	15.3	49.5	68.2	-18.7	Peak	Horizontal
	11081.0	34.5	18.6	53.1	54.0	-0.9	Peak	Horizontal
	11786.5	32.8	18.8	51.6	54.0	-2.4	Peak	Horizontal
*	8828.5	34.4	14.0	48.4	68.2	-19.8	Peak	Vertical
*	9721.0	34.1	14.7	48.8	68.2	-19.4	Peak	Vertical
	11183.0	33.2	18.7	51.9	54.0	-2.1	Peak	Vertical
	11897.0	32.9	18.6	51.5	54.0	-2.5	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.7	13.7	47.4	68.2	-20.8	Peak	Horizontal
*	9729.5	34.1	14.7	48.8	68.2	-19.4	Peak	Horizontal
	10970.5	33.6	18.4	52.0	54.0	-2.0	Peak	Horizontal
	11897.0	33.3	18.6	51.9	54.0	-2.1	Peak	Horizontal
*	8692.5	35.1	13.7	48.8	68.2	-19.4	Peak	Vertical
*	9678.5	34.5	14.6	49.1	68.2	-19.1	Peak	Vertical
	10783.5	34.5	17.8	52.3	54.0	-1.7	Peak	Vertical
	11922.5	32.8	18.6	51.4	54.0	-2.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.1	14.0	49.1	68.2	-19.1	Peak	Horizontal
*	9942.0	35.0	15.3	50.3	68.2	-17.9	Peak	Horizontal
	10987.5	32.7	18.5	51.2	54.0	-2.8	Peak	Horizontal
	11846.0	31.7	18.7	50.4	54.0	-3.6	Peak	Horizontal
*	8854.0	34.7	14.0	48.7	68.2	-19.5	Peak	Vertical
*	9806.0	34.1	15.2	49.3	68.2	-18.9	Peak	Vertical
	11200.0	31.7	18.7	50.4	54.0	-3.6	Peak	Vertical
	11684.5	31.7	19.2	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.9	14.0	46.9	68.2	-21.3	Peak	Horizontal
*	10027.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
	10928.0	33.8	18.4	52.2	54.0	-1.8	Peak	Horizontal
	11812.0	31.4	18.7	50.1	54.0	-3.9	Peak	Horizontal
*	8752.0	34.7	13.9	48.6	68.2	-19.6	Peak	Vertical
*	9814.5	34.5	15.4	49.9	68.2	-18.3	Peak	Vertical
	11489.0	33.7	19.3	53.0	54.0	-1.0	Peak	Vertical
	12084.0	32.7	18.9	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	9772.0	35.0	14.9	49.9	68.2	-18.3	Peak	Horizontal
	10885.5	33.7	18.3	52.0	54.0	-2.0	Peak	Horizontal
	11973.5	32.7	18.7	51.4	54.0	-2.6	Peak	Horizontal
*	8692.5	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	9899.5	35.4	15.4	50.8	68.2	-17.4	Peak	Vertical
	10826.0	33.7	18.0	51.7	54.0	-2.3	Peak	Vertical
	11948.0	32.1	18.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.5	13.9	48.4	68.2	-19.8	Peak	Horizontal
*	9806.0	33.8	15.2	49.0	68.2	-19.2	Peak	Horizontal
	10936.5	32.9	18.4	51.3	54.0	-2.7	Peak	Horizontal
	11820.5	31.9	18.7	50.6	54.0	-3.4	Peak	Horizontal
*	8794.5	33.0	13.9	46.9	68.2	-21.3	Peak	Vertical
*	9814.5	34.2	15.4	49.6	68.2	-18.6	Peak	Vertical
	11072.5	33.6	18.6	52.2	54.0	-1.8	Peak	Vertical
	11880.0	32.1	18.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8845.5	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
*	9687.0	34.1	14.6	48.7	68.2	-19.5	Peak	Horizontal
	10970.5	33.5	18.4	51.9	54.0	-2.1	Peak	Horizontal
	11701.5	31.6	19.1	50.7	54.0	-3.3	Peak	Horizontal
*	8862.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	10035.5	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical
	10826.0	34.2	18.0	52.2	54.0	-1.8	Peak	Vertical
	11786.5	33.2	18.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8845.5	34.9	14.0	48.9	68.2	-19.3	Peak	Horizontal
*	9942.0	35.1	15.3	50.4	68.2	-17.8	Peak	Horizontal
	10894.0	34.3	18.3	52.6	54.0	-1.4	Peak	Horizontal
	11948.0	32.5	18.6	51.1	54.0	-2.9	Peak	Horizontal
*	8675.5	33.4	13.7	47.1	68.2	-21.1	Peak	Vertical
*	10001.5	34.1	15.4	49.5	68.2	-18.7	Peak	Vertical
	11174.5	32.8	18.7	51.5	54.0	-2.5	Peak	Vertical
	12135.0	31.3	18.9	50.2	54.0	-3.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
*	10044.0	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
	10928.0	35.0	18.4	53.4	54.0	-0.6	Peak	Horizontal
	12067.0	32.0	18.8	50.8	54.0	-3.2	Peak	Horizontal
*	8709.5	33.5	13.8	47.3	68.2	-20.9	Peak	Vertical
*	9721.0	34.1	14.7	48.8	68.2	-19.4	Peak	Vertical
	11064.0	33.9	18.5	52.4	54.0	-1.6	Peak	Vertical
	11812.0	31.8	18.7	50.5	54.0	-3.5	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8828.5	35.3	14.0	49.3	68.2	-18.9	Peak	Horizontal
*	10069.5	33.9	15.6	49.5	68.2	-18.7	Peak	Horizontal
	11217.0	31.9	18.8	50.7	54.0	-3.3	Peak	Horizontal
	12007.5	32.4	18.7	51.1	54.0	-2.9	Peak	Horizontal
*	8718.0	34.1	13.8	47.9	68.2	-20.3	Peak	Vertical
*	10214.0	33.2	16.3	49.5	68.2	-18.7	Peak	Vertical
	11140.5	34.3	18.7	53.0	54.0	-1.0	Peak	Vertical
	11820.5	31.6	18.7	50.3	54.0	-3.7	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.0	13.9	48.9	68.2	-19.3	Peak	Horizontal
*	10052.5	34.5	15.5	50.0	68.2	-18.2	Peak	Horizontal
	11021.5	33.0	18.5	51.5	54.0	-2.5	Peak	Horizontal
	12024.5	32.7	18.8	51.5	54.0	-2.5	Peak	Horizontal
*	8735.0	33.8	13.9	47.7	68.2	-20.5	Peak	Vertical
*	10078.0	34.2	15.6	49.8	68.2	-18.4	Peak	Vertical
	11072.5	33.6	18.6	52.2	54.0	-1.8	Peak	Vertical
	11846.0	33.7	18.7	52.4	54.0	-1.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
*	9908.0	35.5	15.3	50.8	68.2	-17.4	Peak	Horizontal
	11174.5	34.1	18.7	52.8	54.0	-1.2	Peak	Horizontal
	12058.5	32.9	18.8	51.7	54.0	-2.3	Peak	Horizontal
*	8786.0	34.6	13.9	48.5	68.2	-19.7	Peak	Vertical
*	9840.0	33.4	16.0	49.4	68.2	-18.8	Peak	Vertical
	10962.0	32.3	18.4	50.7	54.0	-3.3	Peak	Vertical
	11786.5	32.0	18.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.2	14.0	49.2	68.2	-19.0	Peak	Horizontal
*	9772.0	34.3	14.9	49.2	68.2	-19.0	Peak	Horizontal
	11251.0	31.8	18.8	50.6	54.0	-3.4	Peak	Horizontal
	12109.5	32.3	18.9	51.2	54.0	-2.8	Peak	Horizontal
*	8828.5	36.0	14.0	50.0	68.2	-18.2	Peak	Vertical
*	9772.0	35.6	14.9	50.5	68.2	-17.7	Peak	Vertical
	10970.5	33.2	18.4	51.6	54.0	-2.4	Peak	Vertical
	11846.0	33.0	18.7	51.7	54.0	-2.3	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.0	13.9	47.9	68.2	-20.3	Peak	Horizontal
*	9848.5	33.2	16.1	49.3	68.2	-18.9	Peak	Horizontal
	11140.5	33.1	18.7	51.8	54.0	-2.2	Peak	Horizontal
	11846.0	32.3	18.7	51.0	54.0	-3.0	Peak	Horizontal
*	8820.0	34.3	14.0	48.3	68.2	-19.9	Peak	Vertical
*	9721.0	34.2	14.7	48.9	68.2	-19.3	Peak	Vertical
	11038.5	32.8	18.5	51.3	54.0	-2.7	Peak	Vertical
	11897.0	32.3	18.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.6	14.0	47.6	68.2	-20.6	Peak	Horizontal
*	10180.0	33.9	16.1	50.0	68.2	-18.2	Peak	Horizontal
	10928.0	33.4	18.4	51.8	54.0	-2.2	Peak	Horizontal
	11846.0	31.9	18.7	50.6	54.0	-3.4	Peak	Horizontal
*	8811.5	34.8	14.0	48.8	68.2	-19.4	Peak	Vertical
*	10069.5	33.7	15.6	49.3	68.2	-18.9	Peak	Vertical
	10732.5	33.4	17.6	51.0	54.0	-3.0	Peak	Vertical
	12007.5	32.2	18.7	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8845.5	34.9	14.0	48.9	68.2	-19.3	Peak	Horizontal
*	9857.0	34.1	16.2	50.3	68.2	-17.9	Peak	Horizontal
	11021.5	32.5	18.5	51.0	54.0	-3.0	Peak	Horizontal
	11948.0	31.8	18.6	50.4	54.0	-3.6	Peak	Horizontal
*	8837.0	34.7	14.0	48.7	68.2	-19.5	Peak	Vertical
*	9678.5	34.0	14.6	48.6	68.2	-19.6	Peak	Vertical
	11106.5	33.6	18.6	52.2	54.0	-1.8	Peak	Vertical
	12007.5	33.7	18.7	52.4	54.0	-1.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	9865.5	34.4	16.0	50.4	68.2	-17.8	Peak	Horizontal
	10877.0	34.4	18.2	52.6	54.0	-1.4	Peak	Horizontal
	11965.0	32.3	18.6	50.9	54.0	-3.1	Peak	Horizontal
*	8718.0	33.8	13.8	47.6	68.2	-20.6	Peak	Vertical
*	9865.5	34.5	16.0	50.5	68.2	-17.7	Peak	Vertical
	10877.0	34.7	18.2	52.9	54.0	-1.1	Peak	Vertical
	11965.0	32.1	18.6	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8862.5	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
*	10239.5	33.4	16.4	49.8	68.2	-18.4	Peak	Horizontal
	10970.5	33.2	18.4	51.6	54.0	-2.4	Peak	Horizontal
	11684.5	32.9	19.2	52.1	54.0	-1.9	Peak	Horizontal
*	8760.5	33.4	13.9	47.3	68.2	-20.9	Peak	Vertical
*	10137.5	33.9	15.9	49.8	68.2	-18.4	Peak	Vertical
	11072.5	32.9	18.6	51.5	54.0	-2.5	Peak	Vertical
	11846.0	33.4	18.7	52.1	54.0	-1.9	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10044.0	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
	11625.0	33.2	19.4	52.6	54.0	-1.4	Peak	Horizontal
	12441.0	32.0	18.4	50.4	54.0	-3.6	Peak	Horizontal
*	8760.5	32.6	13.9	46.5	68.2	-21.7	Peak	Vertical
*	10044.0	33.8	15.5	49.3	68.2	-18.9	Peak	Vertical
	11021.5	34.6	18.5	53.1	54.0	-0.9	Peak	Vertical
	12058.5	31.8	18.8	50.6	54.0	-3.4	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.4	13.9	47.3	68.2	-20.9	Peak	Horizontal
*	10103.5	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
	11072.5	33.1	18.6	51.7	54.0	-2.3	Peak	Horizontal
	12101.0	32.3	18.9	51.2	54.0	-2.8	Peak	Horizontal
*	8854.0	34.6	14.0	48.6	68.2	-19.6	Peak	Vertical
*	10086.5	34.2	15.7	49.9	68.2	-18.3	Peak	Vertical
	11455.0	31.6	19.2	50.8	54.0	-3.2	Peak	Vertical
	12441.0	32.2	18.4	50.6	54.0	-3.4	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8837.0	35.9	14.0	49.9	68.2	-18.3	Peak	Horizontal
*	9891.0	34.6	15.5	50.1	68.2	-18.1	Peak	Horizontal
	10945.0	33.0	18.4	51.4	54.0	-2.6	Peak	Horizontal
	11735.5	32.1	19.0	51.1	54.0	-2.9	Peak	Horizontal
*	8777.5	34.0	13.9	47.9	68.2	-20.3	Peak	Vertical
*	10146.0	34.0	16.0	50.0	68.2	-18.2	Peak	Vertical
	11336.0	32.7	19.0	51.7	54.0	-2.3	Peak	Vertical
	12373.0	31.6	18.4	50.0	54.0	-4.0	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10248.0	33.0	16.4	49.4	68.2	-18.8	Peak	Horizontal
	11225.5	31.9	18.8	50.7	54.0	-3.3	Peak	Horizontal
	12381.5	31.7	18.4	50.1	54.0	-3.9	Peak	Horizontal
*	8692.5	35.5	13.7	49.2	68.2	-19.0	Peak	Vertical
*	10137.5	34.0	15.9	49.9	68.2	-18.3	Peak	Vertical
	11293.5	31.7	18.9	50.6	54.0	-3.4	Peak	Vertical
	12339.0	31.7	18.5	50.2	54.0	-3.8	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 - Omni Antenna (AP-ANT-20W)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
*	8845.5	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
*	10239.5	33.3	16.4	49.7	68.2	-18.5	Peak	Horizontal
	11149.0	32.2	18.7	50.9	54.0	-3.1	Peak	Horizontal
	12084.0	31.3	18.9	50.2	54.0	-3.8	Peak	Horizontal
*	8862.5	34.5	14.0	48.5	68.2	-19.7	Peak	Vertical
*	10248.0	33.6	16.4	50.0	68.2	-18.2	Peak	Vertical
	11030.0	32.4	18.5	50.9	54.0	-3.1	Peak	Vertical
	12118.0	31.5	18.9	50.4	54.0	-3.6	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)