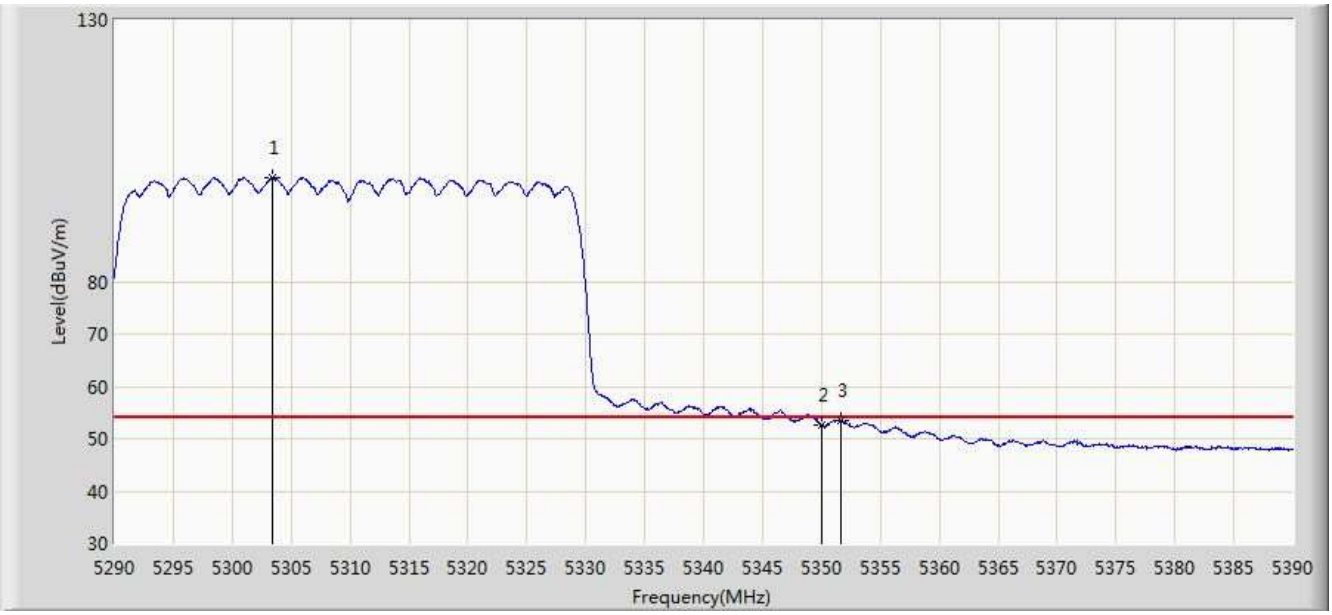
Site: AC1	Time: 2019/07/02 - 21:07
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5310MHz Ant 0 + 1	

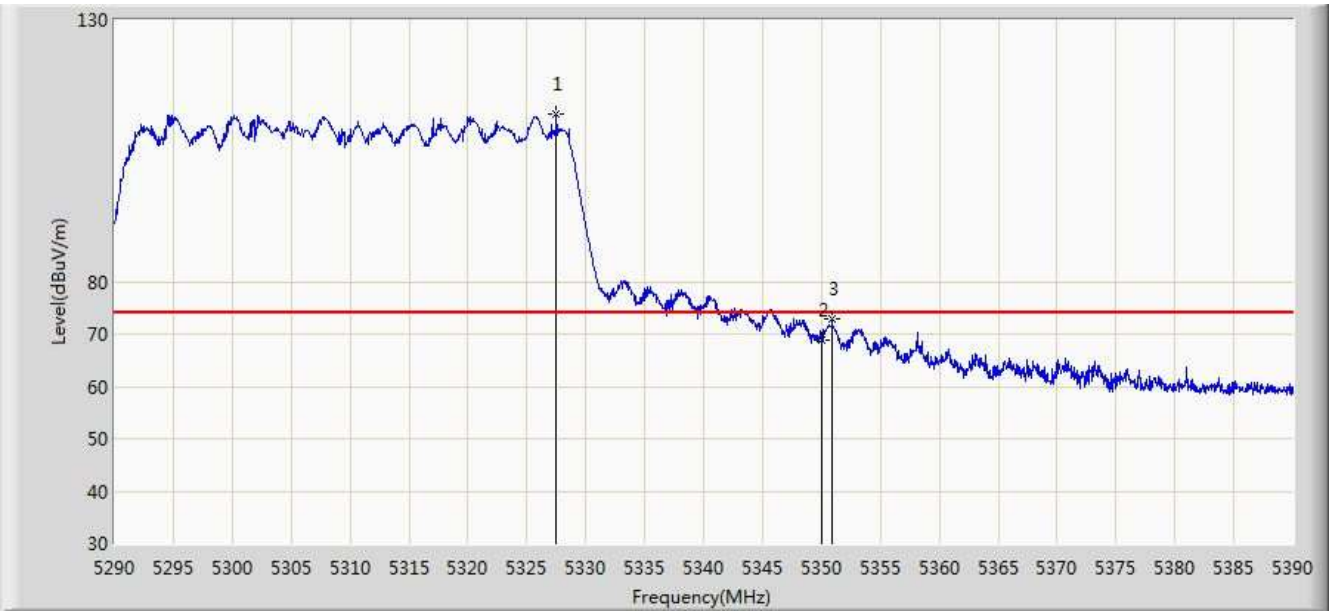


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5303.400	99.892	95.888	N/A	N/A	4.004	AV
2			5350.000	52.511	48.467	-1.489	54.000	4.044	AV
3			5351.600	53.617	49.571	-0.383	54.000	4.046	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:11
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5310MHz Ant 0 + 1	

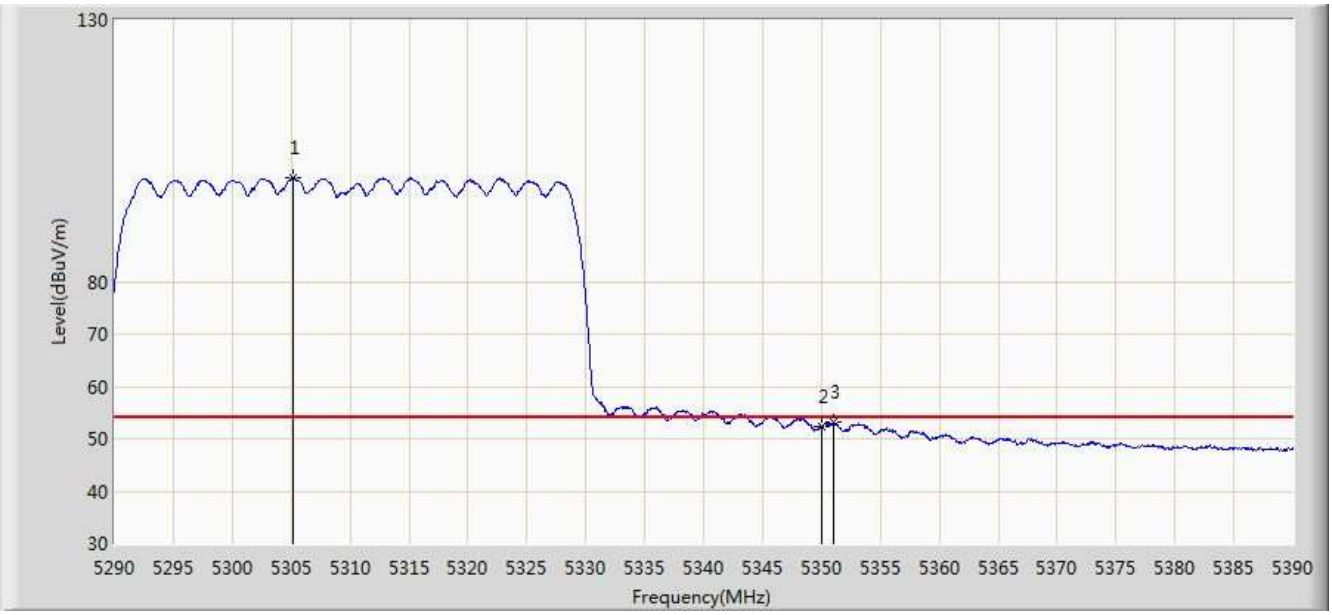


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.500	111.994	107.968	N/A	N/A	4.026	PK
2			5350.000	68.698	64.654	-5.302	74.000	4.044	PK
3			5350.900	72.845	68.800	-1.155	74.000	4.045	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:12
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5310MHz Ant 0 + 1	

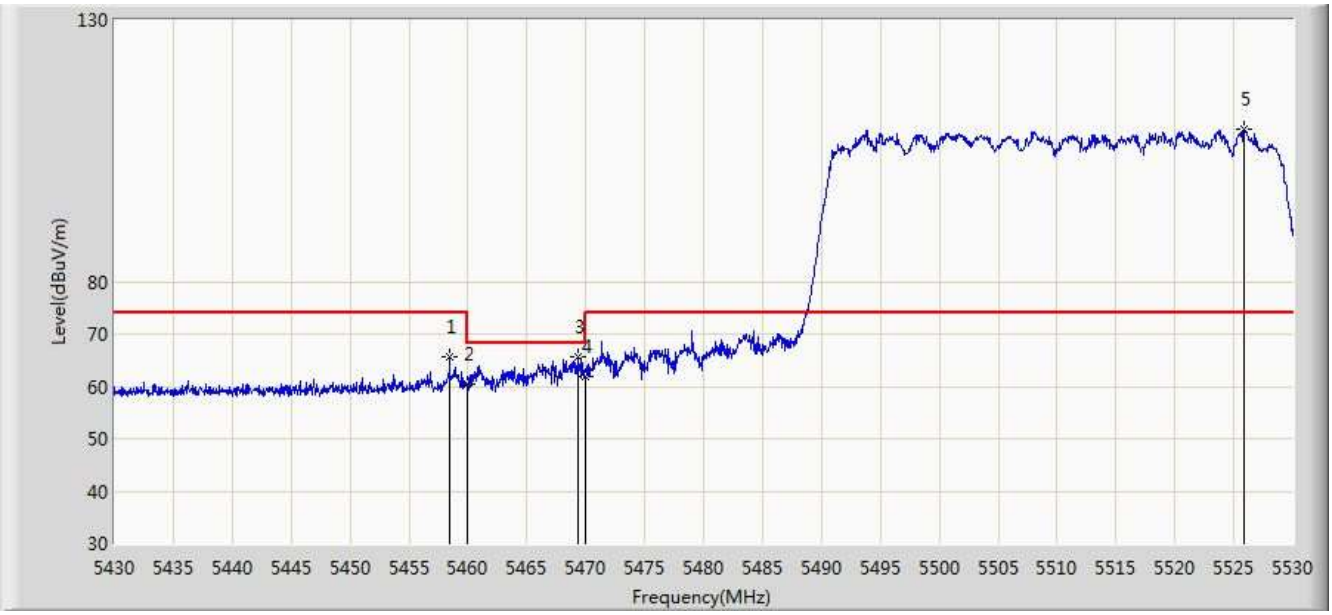


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.200	99.852	95.846	N/A	N/A	4.006	AV
2			5350.000	52.375	48.331	-1.625	54.000	4.044	AV
3			5351.000	53.109	49.064	-0.891	54.000	4.045	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz Ant 0 + 1	

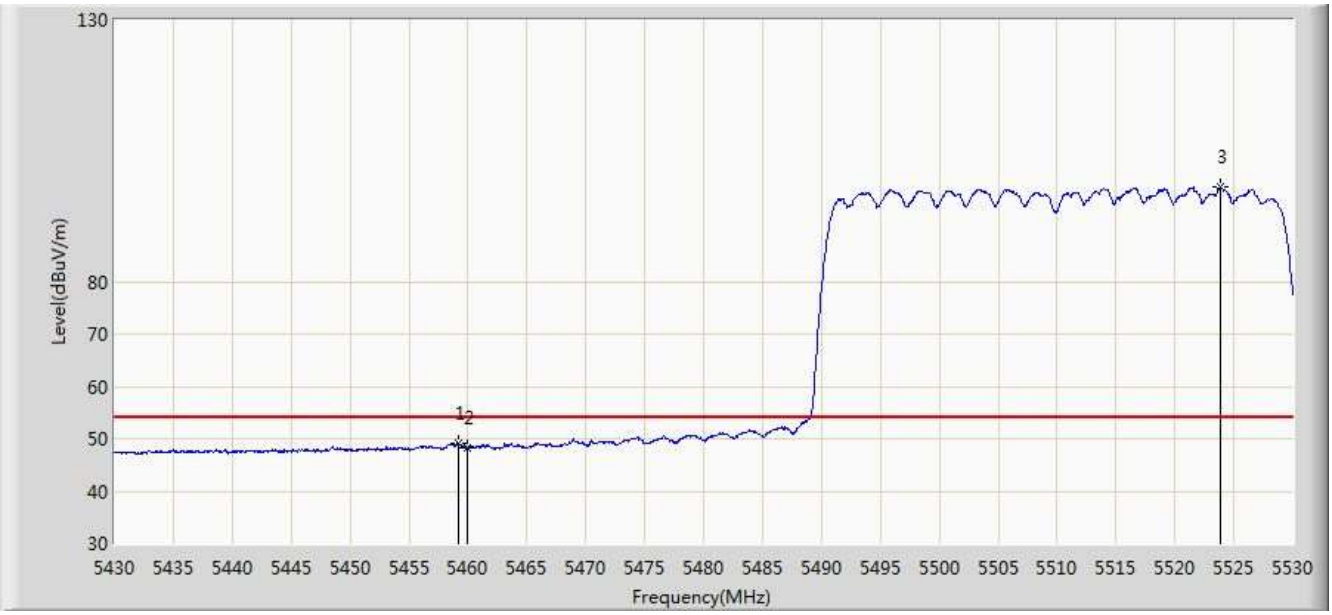


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.450	65.558	61.423	-8.442	74.000	4.135	PK
2			5460.000	60.323	56.187	-13.677	74.000	4.136	PK
3			5469.350	65.766	61.622	-2.434	68.200	4.144	PK
4			5470.000	61.974	57.830	-6.226	68.200	4.144	PK
5		*	5525.850	109.244	104.975	N/A	N/A	4.270	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:22
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz Ant 0 + 1	

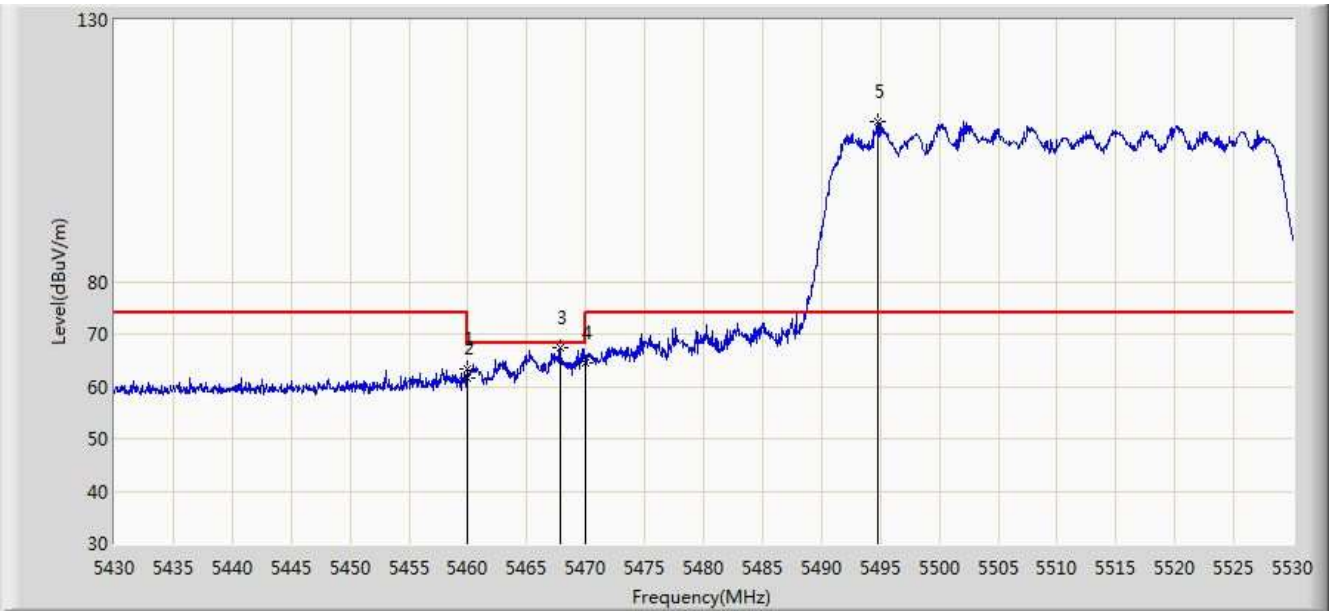


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.150	49.230	45.095	-4.770	54.000	4.135	AV
2			5460.000	48.203	44.067	-5.797	54.000	4.136	AV
3		*	5523.900	97.976	93.714	N/A	N/A	4.261	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:23
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz Ant 0 + 1	

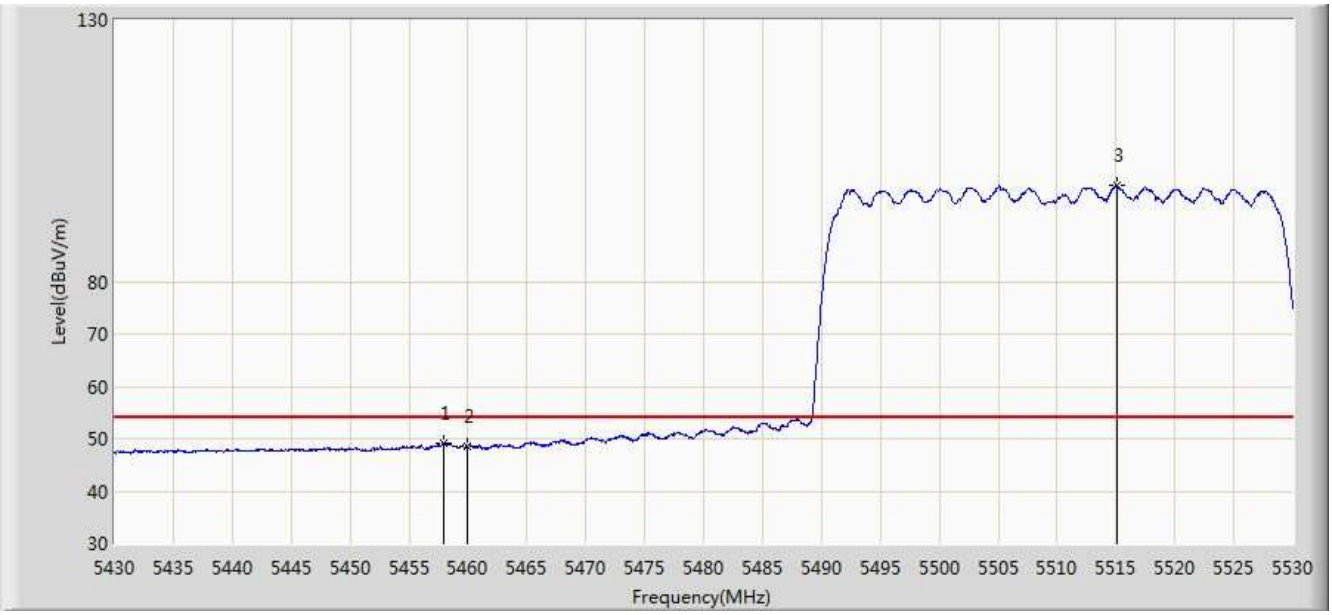


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.950	63.245	59.109	-10.755	74.000	4.136	PK
2			5460.000	61.584	57.448	-12.416	74.000	4.136	PK
3			5467.800	67.263	63.121	-0.937	68.200	4.142	PK
4			5470.000	64.490	60.346	-3.710	68.200	4.144	PK
5		*	5494.800	110.651	106.479	N/A	N/A	4.172	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:26
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz Ant 0 + 1	

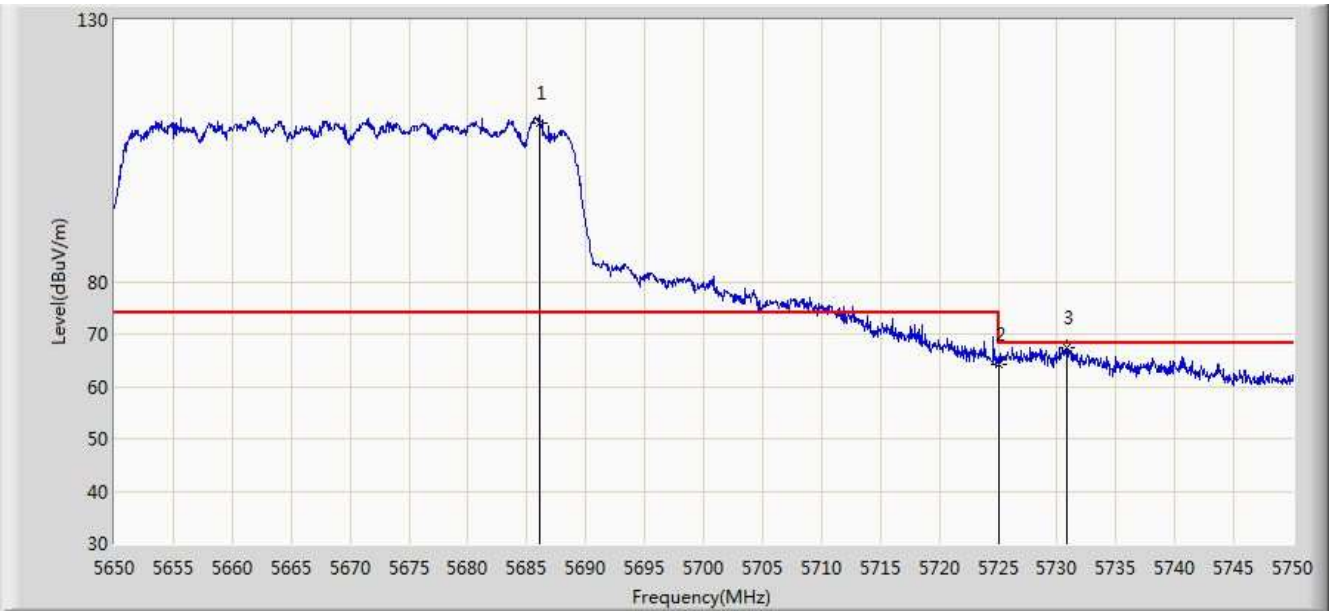


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.900	49.078	44.944	-4.922	54.000	4.134	AV
2			5460.000	48.607	44.471	-5.393	54.000	4.136	AV
3		*	5515.050	98.427	94.199	N/A	N/A	4.228	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:35
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5670MHz Ant 0 + 1	

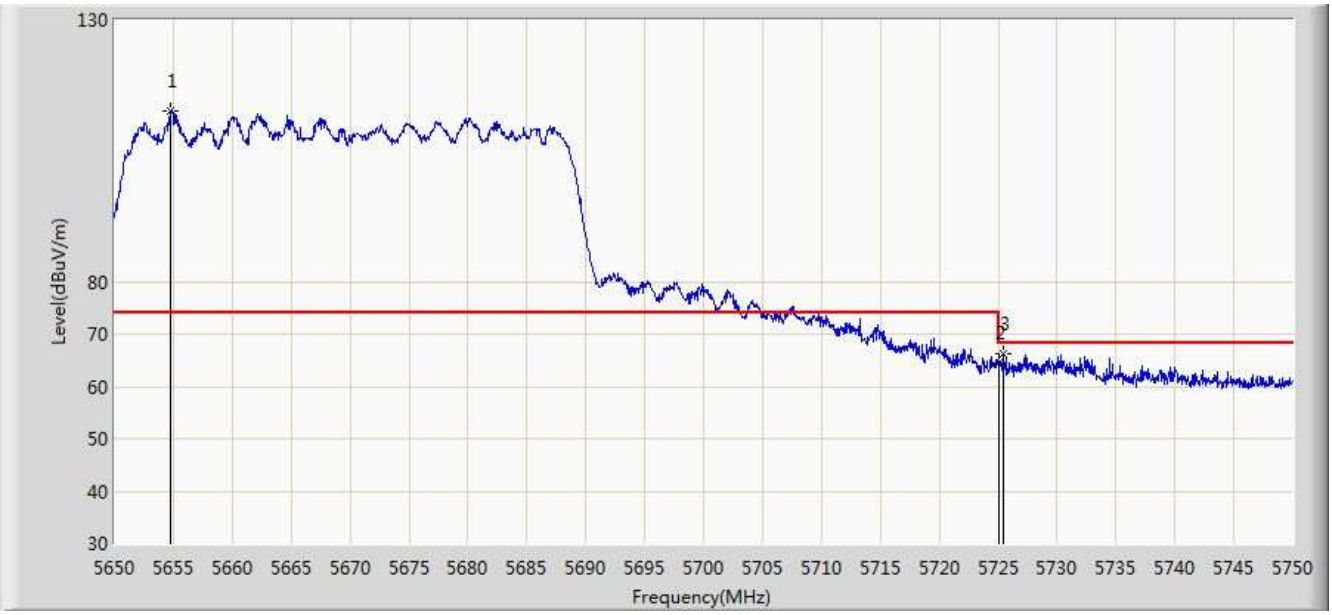


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5686.150	110.203	105.318	N/A	N/A	4.884	PK
2			5725.000	64.339	59.305	-3.861	68.200	5.034	PK
3			5730.850	67.421	62.365	-0.779	68.200	5.057	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 21:38
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5670MHz Ant 0 + 1	

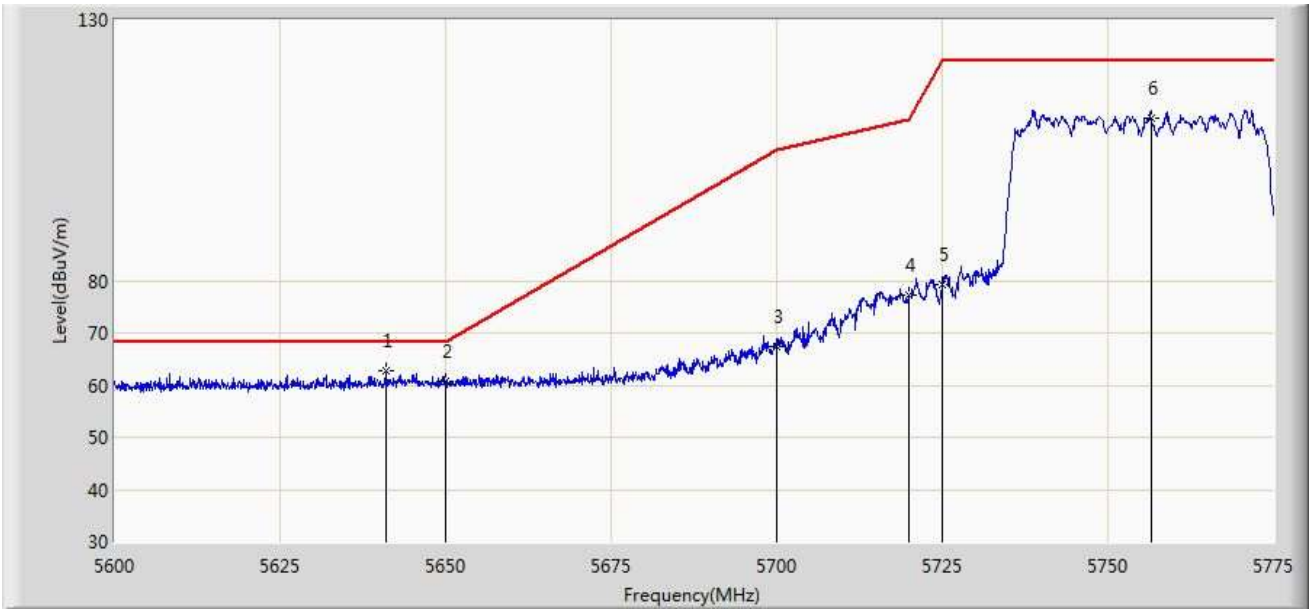


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5654.800	112.482	107.717	N/A	N/A	4.764	PK
2			5725.000	64.484	59.450	-3.716	68.200	5.034	PK
3			5725.450	66.319	61.283	-1.881	68.200	5.035	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:03
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5755MHz Ant 0 + 1	

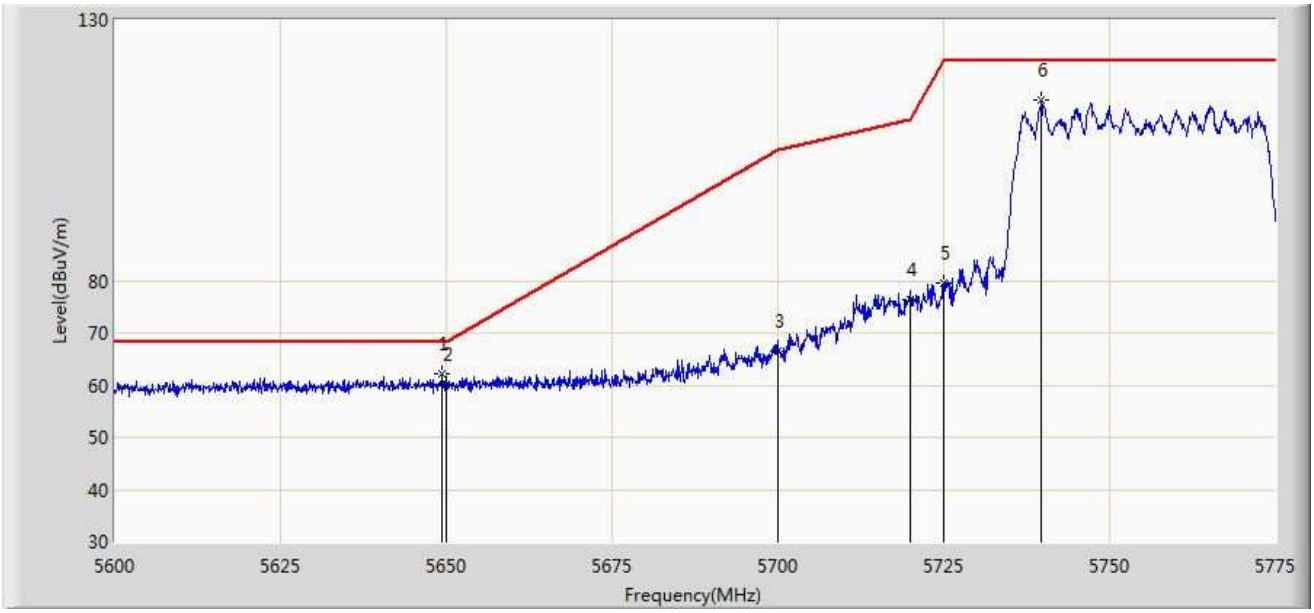


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.038	62.653	57.941	-5.547	68.200	4.712	PK
2			5650.000	60.771	56.025	-7.429	68.200	4.746	PK
3			5700.000	67.360	62.422	-37.840	105.200	4.938	PK
4			5720.000	77.153	72.138	-33.647	110.800	5.015	PK
5			5725.000	79.195	74.161	-43.005	122.200	5.034	PK
6			5756.493	111.056	105.901	N/A	N/A	5.155	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: 2019/06/27 - 06:05
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5755MHz Ant 0 + 1	

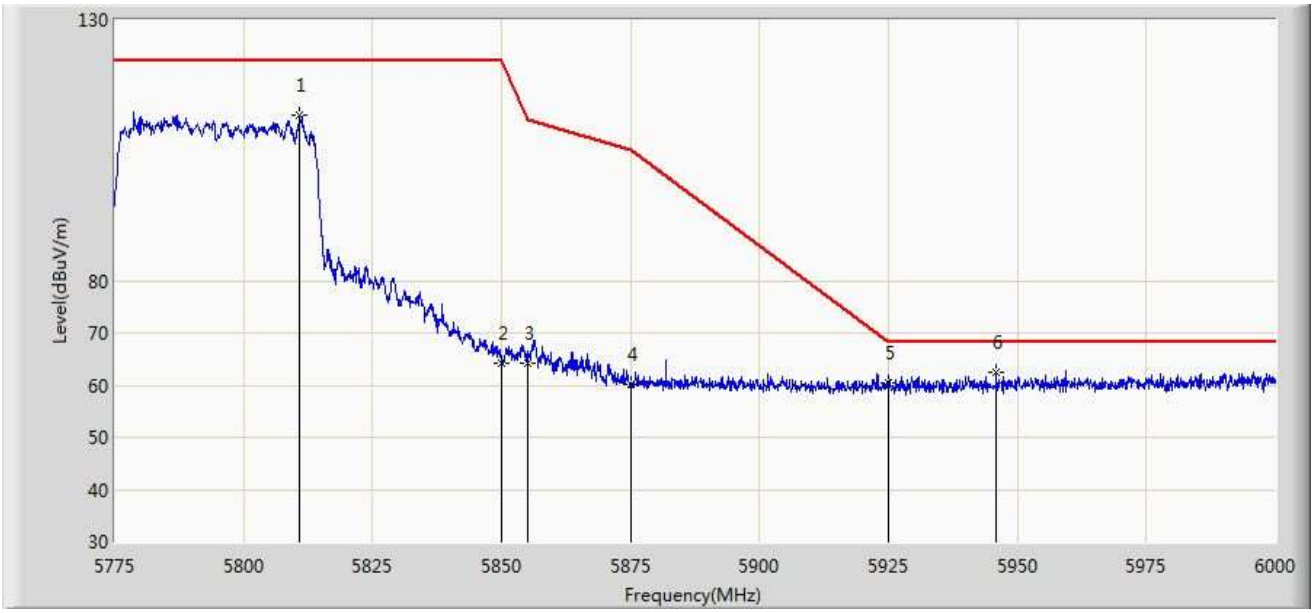


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.350	62.200	57.456	-6.000	68.200	4.744	PK
2			5650.000	60.242	55.496	-7.958	68.200	4.746	PK
3			5700.000	66.541	61.603	-38.659	105.200	4.938	PK
4			5720.000	76.452	71.437	-34.348	110.800	5.015	PK
5			5725.000	79.461	74.427	-42.739	122.200	5.034	PK
6			5739.737	114.599	109.509	N/A	N/A	5.090	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: 2019/06/27 - 06:06
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5795MHz Ant 0 + 1	

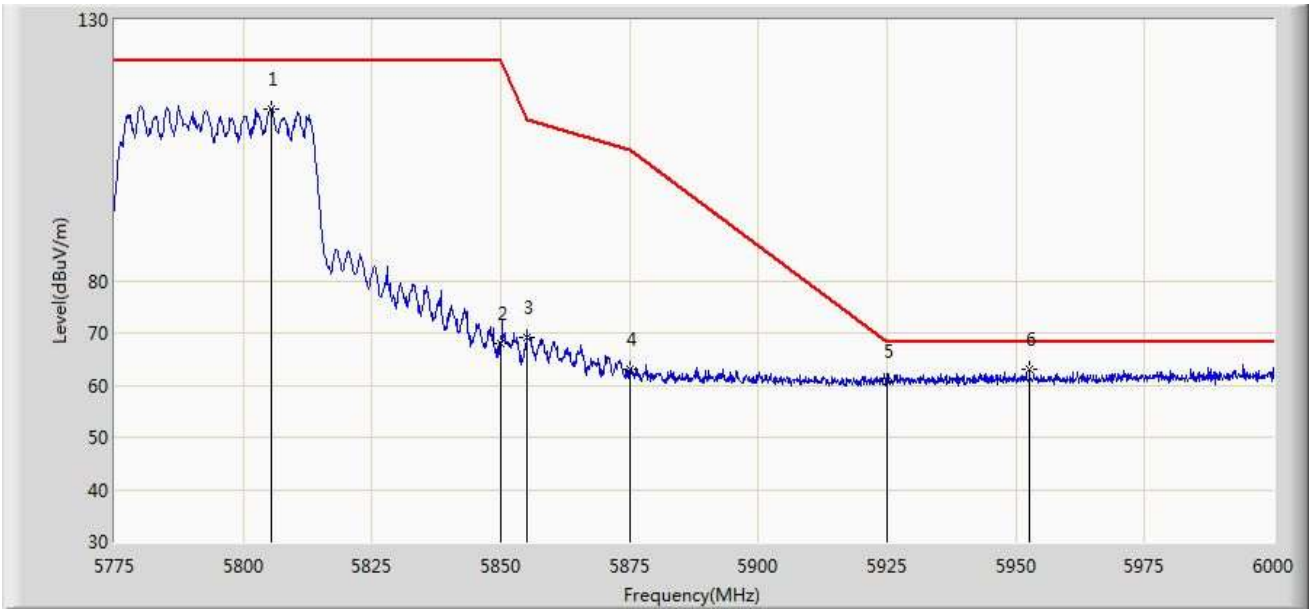


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5810.888	111.695	106.331	N/A	N/A	5.364	PK
2			5850.000	64.278	58.764	-57.922	122.200	5.514	PK
3			5855.000	64.064	58.531	-46.736	110.800	5.533	PK
4			5875.000	60.285	54.675	-44.915	105.200	5.610	PK
5			5925.000	60.552	54.750	-7.648	68.200	5.802	PK
6		*	5946.000	62.447	56.564	-5.753	68.200	5.883	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: 2019/06/27 - 06:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5795MHz Ant 0 + 1	

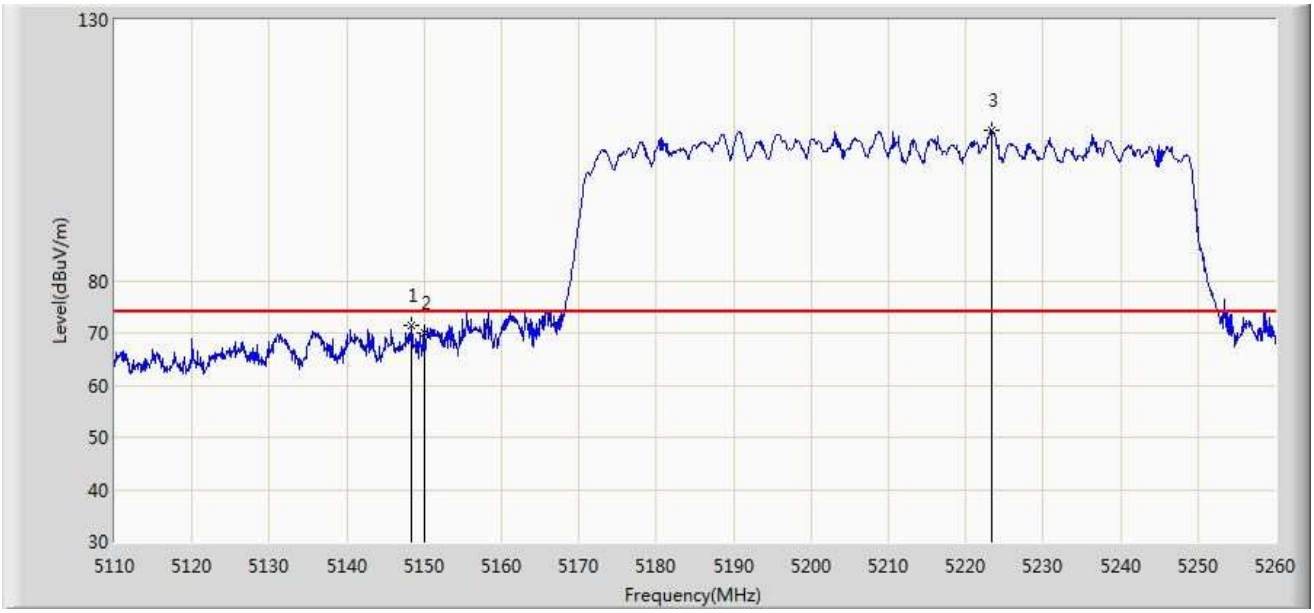


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5805.375	112.789	107.446	N/A	N/A	5.343	PK
2			5850.000	68.076	62.562	-54.124	122.200	5.514	PK
3			5855.000	69.119	63.586	-41.681	110.800	5.533	PK
4			5875.000	62.980	57.370	-42.220	105.200	5.610	PK
5			5925.000	60.796	54.994	-7.404	68.200	5.802	PK
6		*	5952.638	63.020	57.112	-5.180	68.200	5.909	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: 2019/06/27 - 06:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5210MHz Ant 0 + 1	

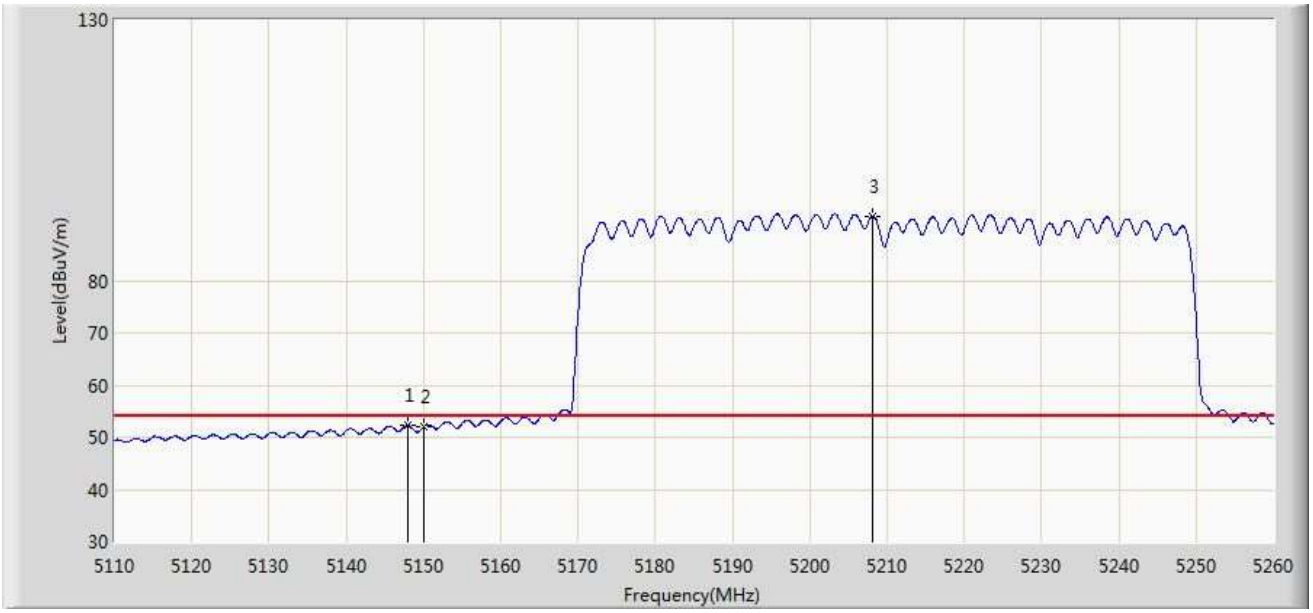


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.325	71.490	67.616	-2.510	74.000	3.874	PK
2			5150.000	69.984	66.108	-4.016	74.000	3.876	PK
3		*	5223.325	108.754	104.816	N/A	N/A	3.938	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:22
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5210MHz Ant 0 + 1	

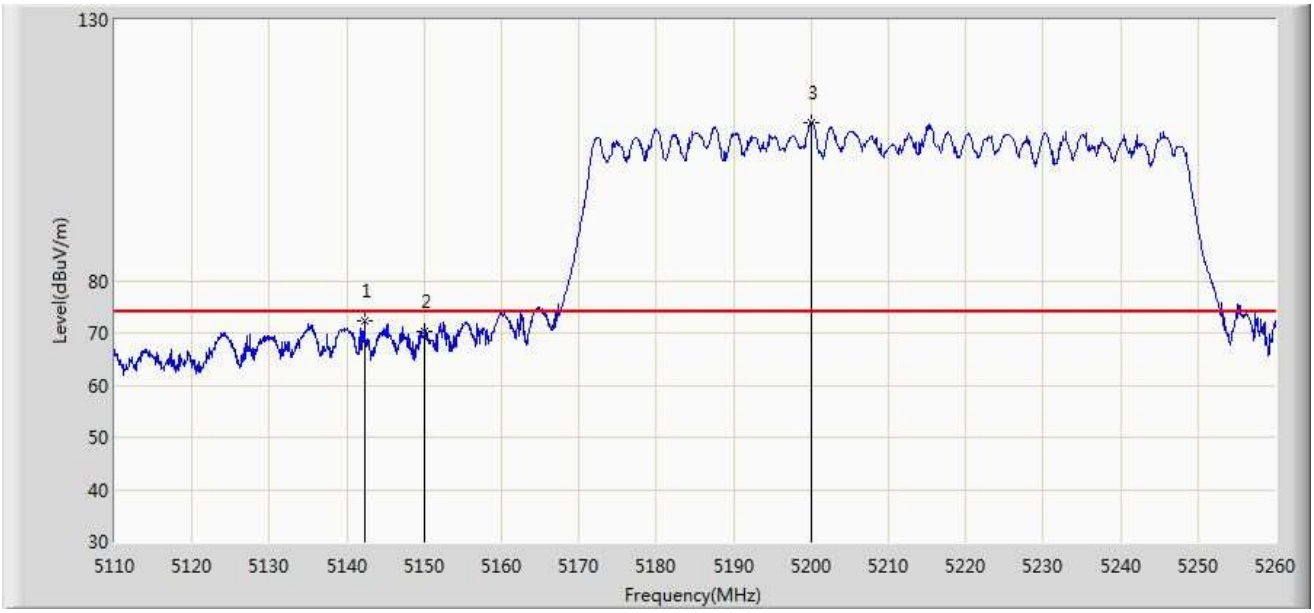


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.950	52.284	48.410	-1.716	54.000	3.874	AV
2			5150.000	51.956	48.080	-2.044	54.000	3.876	AV
3		*	5208.100	92.324	88.399	N/A	N/A	3.925	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:15
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5210MHz Ant 0 + 1	

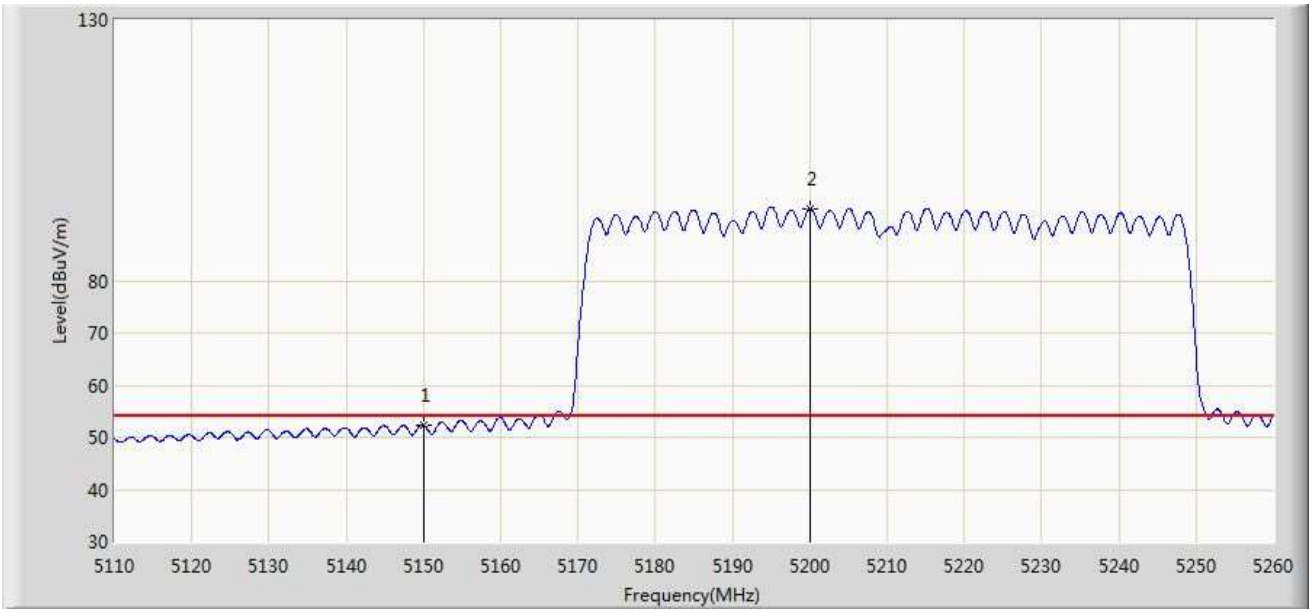


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.250	72.283	68.414	-1.717	74.000	3.869	PK
2			5150.000	70.207	66.331	-3.793	74.000	3.876	PK
3		*	5200.075	110.294	106.376	N/A	N/A	3.918	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5210MHz Ant 0 + 1	

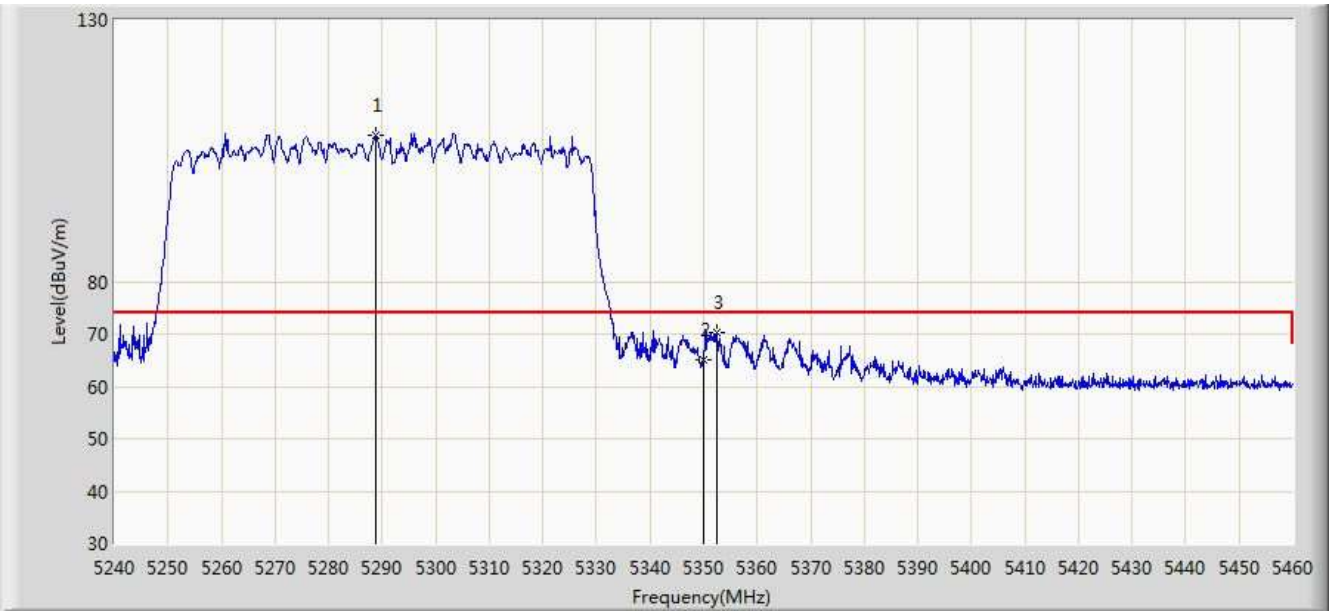


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.401	48.525	-1.599	54.000	3.876	AV
2		*	5200.075	93.755	89.837	N/A	N/A	3.918	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:30
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5290MHz Ant 0 + 1	

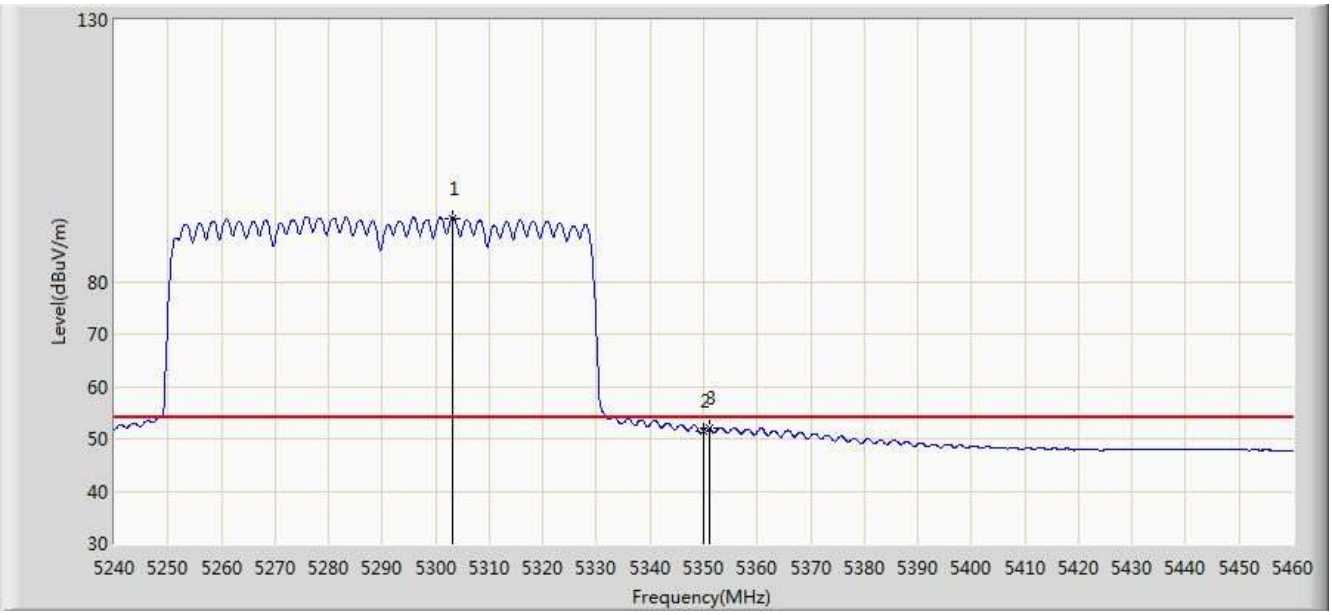


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5288.840	107.916	103.924	N/A	N/A	3.992	PK
2			5350.000	65.101	61.057	-8.899	74.000	4.044	PK
3			5352.530	70.152	66.106	-3.848	74.000	4.046	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:31
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5290MHz Ant 0 + 1	

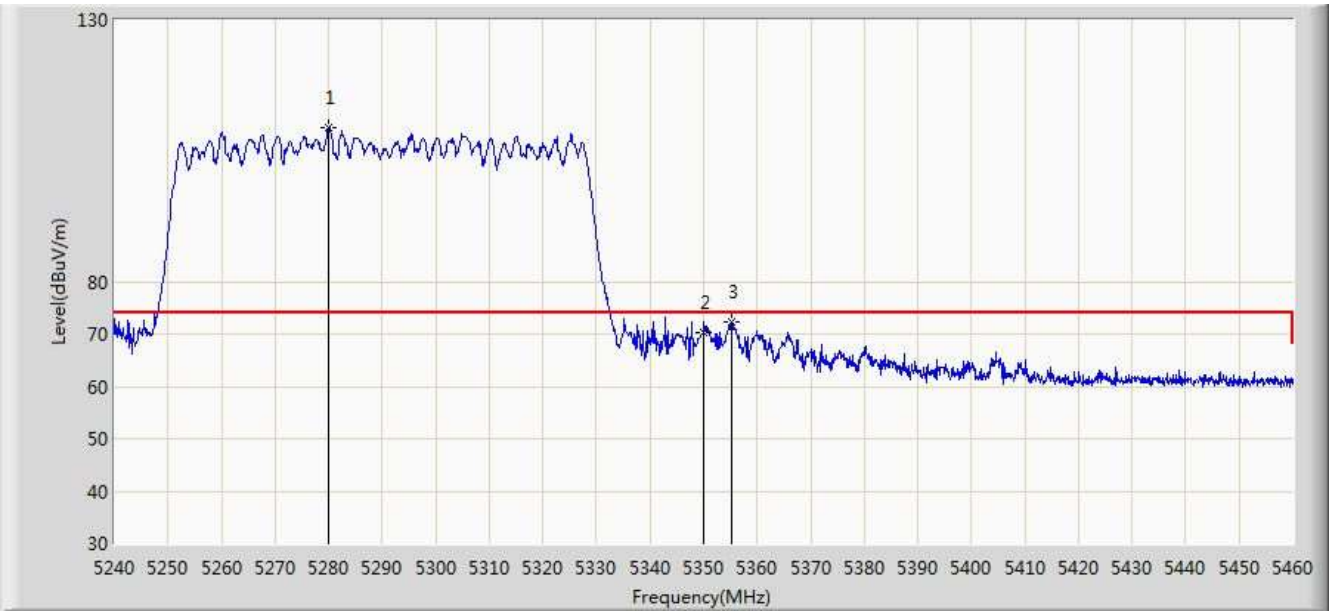


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5303.140	92.167	88.163	38.167	54.000	4.004	AV
2			5350.000	51.474	47.430	-2.526	54.000	4.044	AV
3		*	5350.990	52.142	48.097	-1.858	54.000	4.045	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:25
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5290MHz Ant 0 + 1	

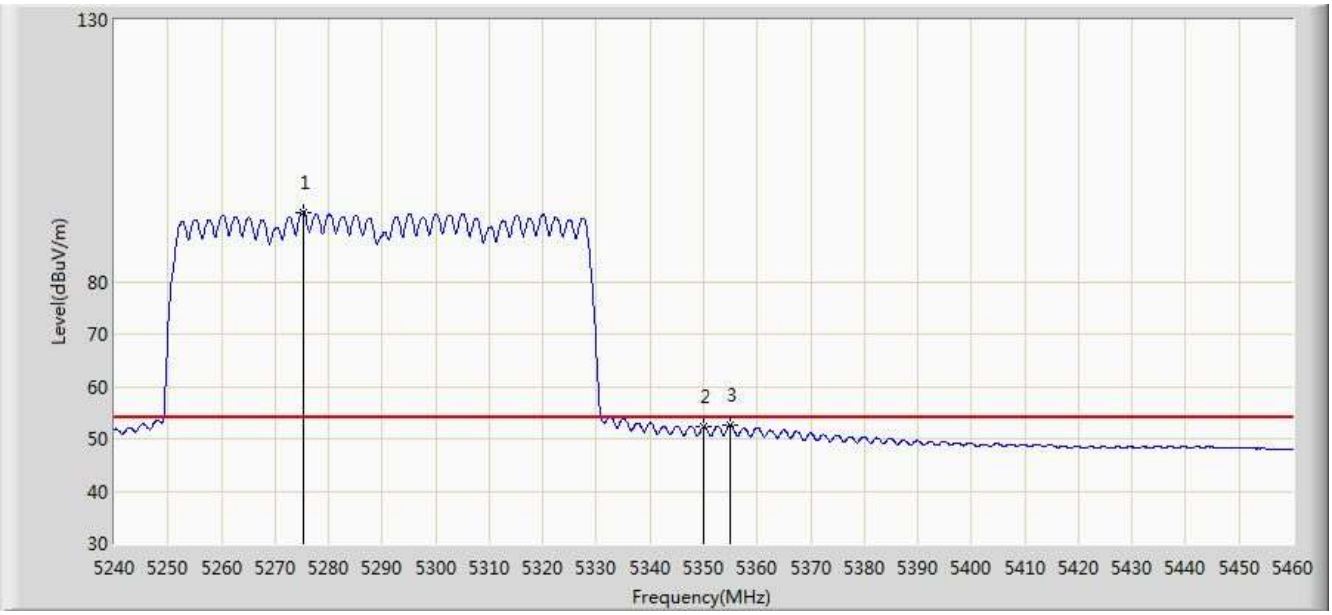


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5279.930	109.352	105.367	N/A	N/A	3.985	PK
2			5350.000	70.292	66.248	-3.708	74.000	4.044	PK
3			5355.170	72.306	68.257	-1.694	74.000	4.049	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:28
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5290MHz Ant 0 + 1	

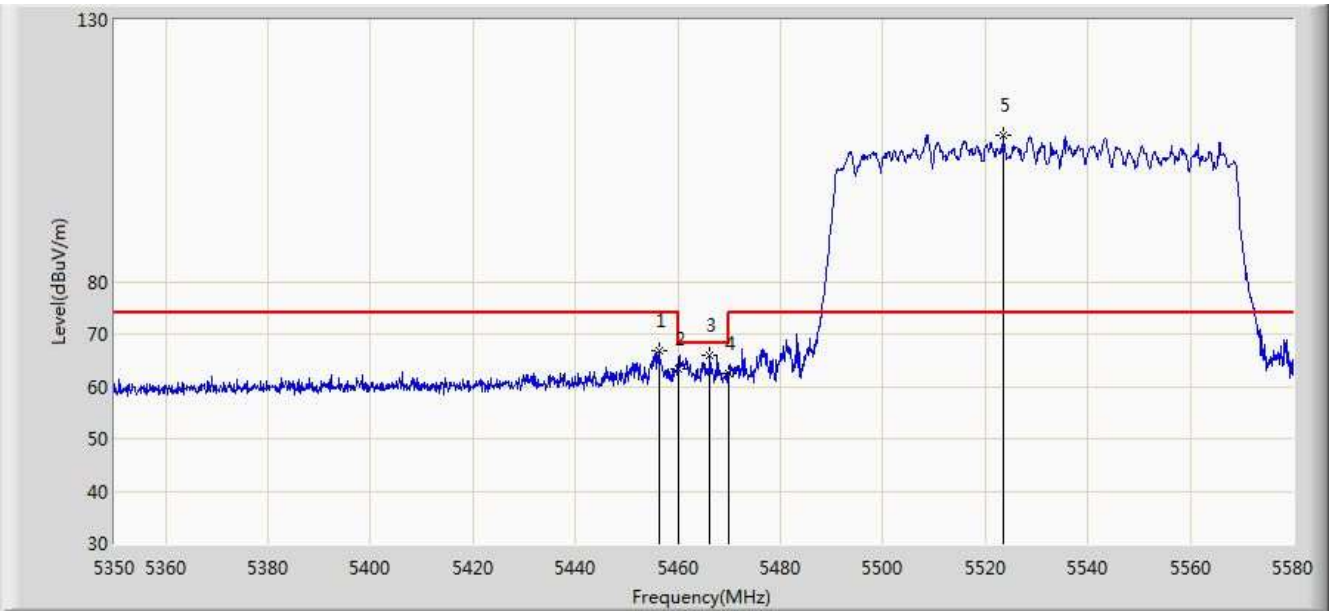


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5275.420	93.270	89.289	N/A	N/A	3.981	AV
2			5350.000	52.282	48.238	-1.718	54.000	4.044	AV
3			5354.950	52.614	48.566	-1.386	54.000	4.048	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:38
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5530MHz Ant 0 + 1	

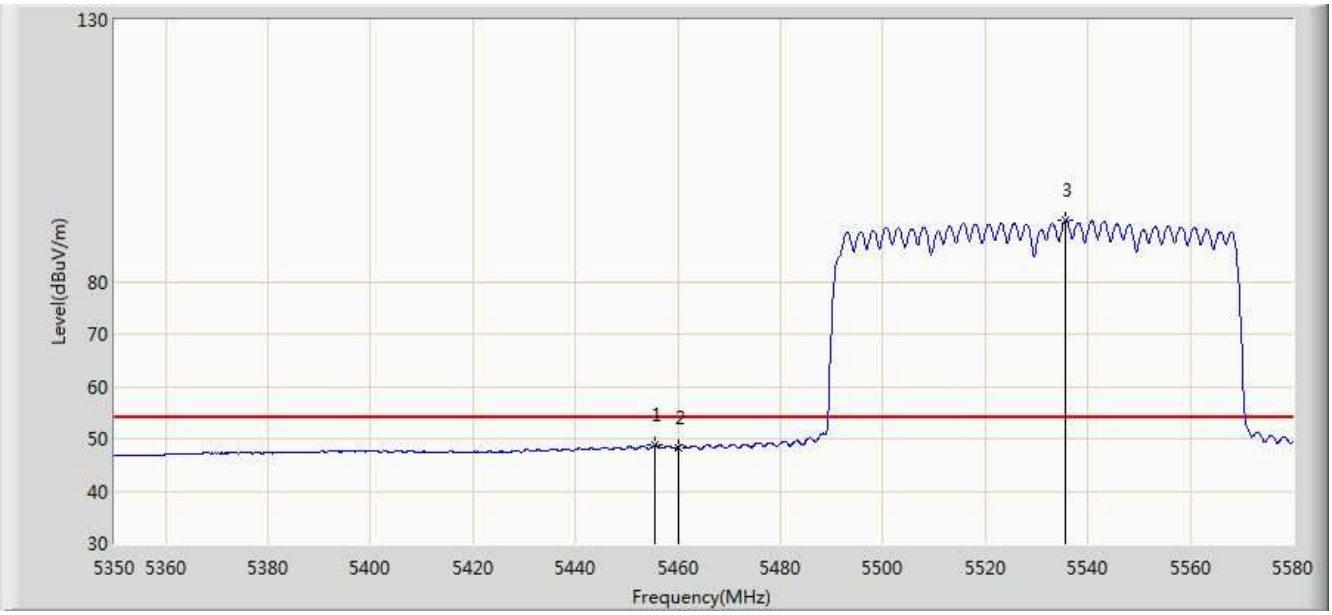


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.375	66.755	62.622	-7.245	74.000	4.133	PK
2			5460.000	63.234	59.098	-10.766	74.000	4.136	PK
3			5466.265	65.924	61.783	-2.276	68.200	4.141	PK
4			5470.000	62.595	58.451	-5.605	68.200	4.144	PK
5		*	5523.420	107.881	103.621	N/A	N/A	4.261	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:40
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5530MHz Ant 0 + 1	

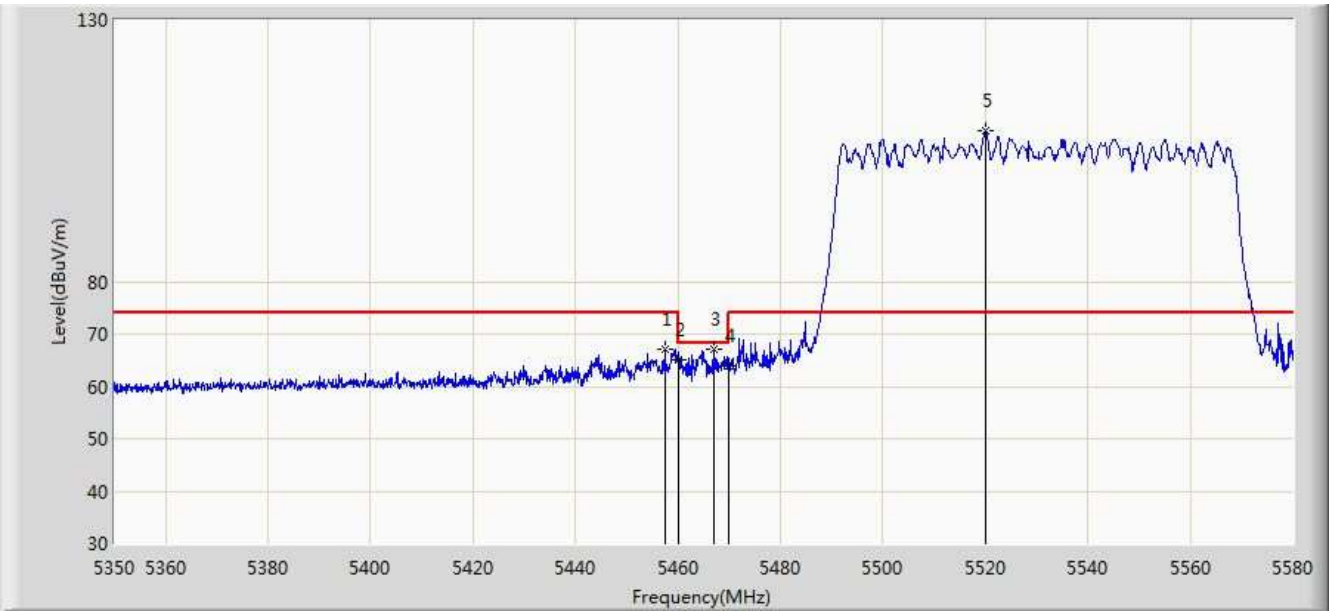


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.570	48.794	44.662	-5.206	54.000	4.132	AV
2			5460.000	48.376	44.240	-5.624	54.000	4.136	AV
3		*	5535.610	91.689	87.382	N/A	N/A	4.307	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:36
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5530MHz Ant 0 + 1	

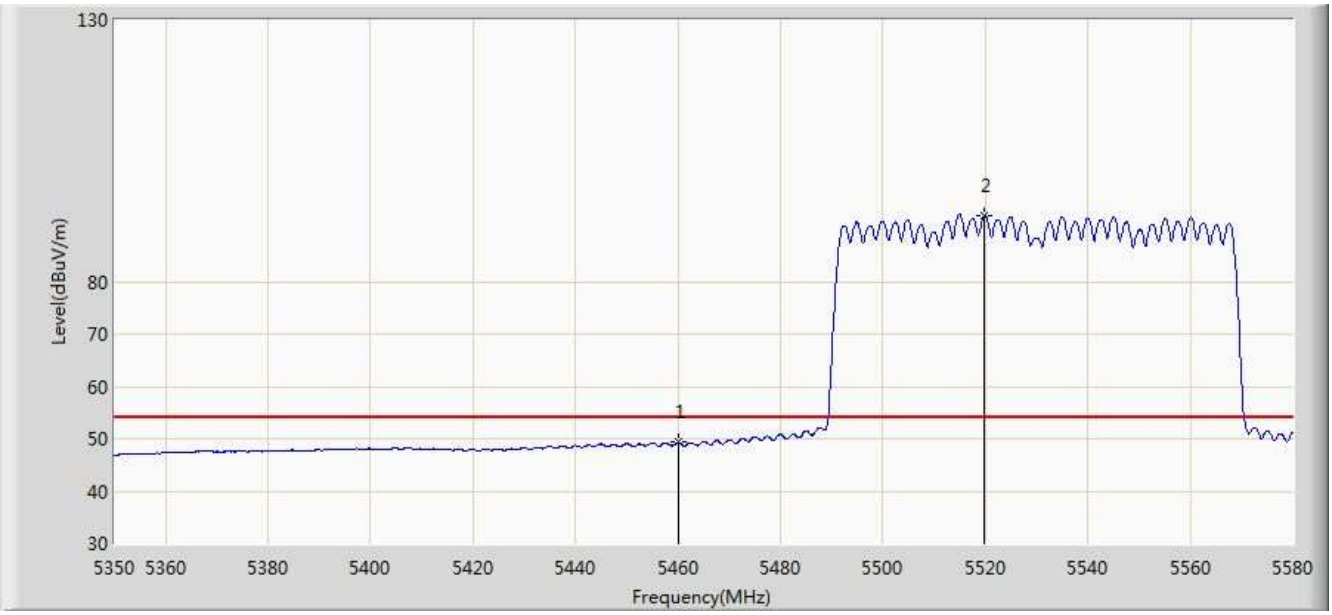


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.410	66.984	62.850	-7.016	74.000	4.134	PK
2			5460.000	65.157	61.021	-8.843	74.000	4.136	PK
3			5466.955	66.961	62.819	-1.239	68.200	4.142	PK
4			5470.000	64.036	59.892	-4.164	68.200	4.144	PK
5		*	5520.085	108.739	104.492	N/A	N/A	4.248	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:37
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5530MHz Ant 0 + 1	

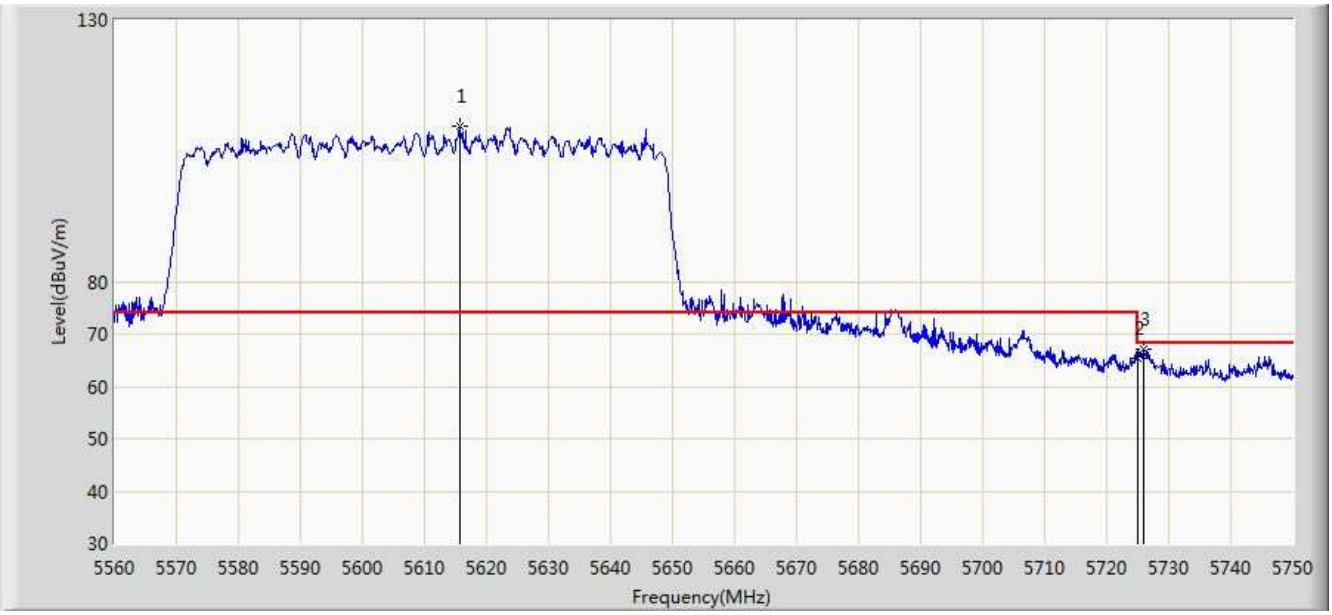


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.278	45.142	-4.722	54.000	4.136	AV
2		*	5519.855	92.600	88.354	N/A	N/A	4.246	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 22:00
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5610MHz Ant 0 + 1	

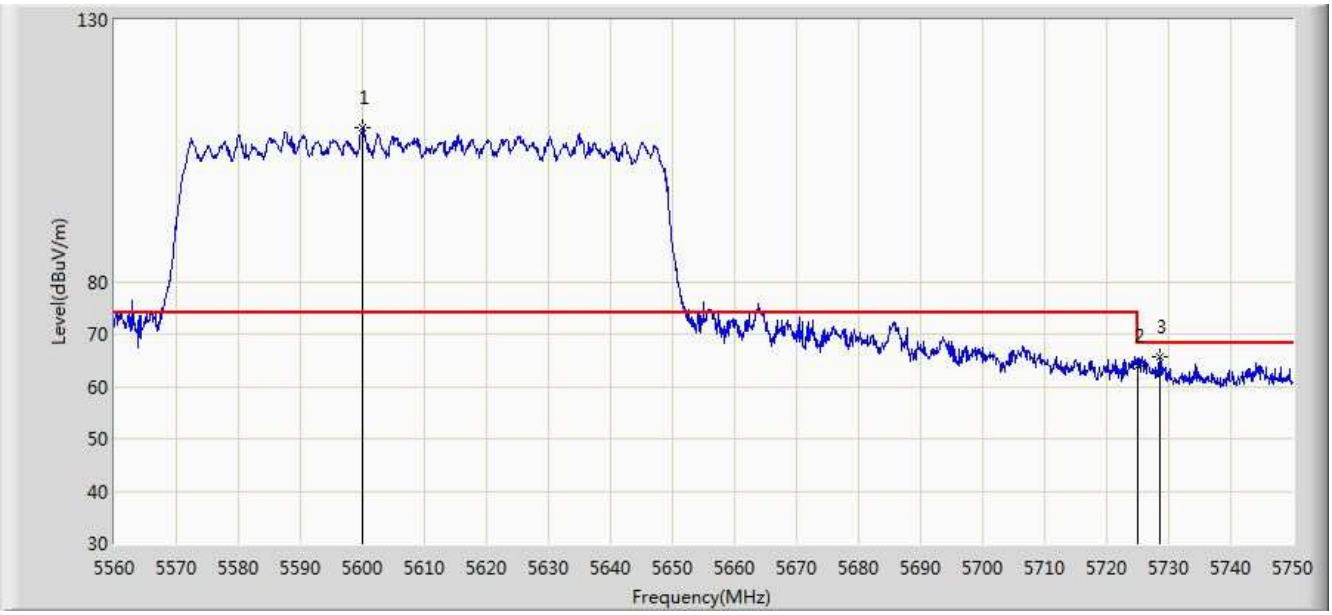


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5615.670	109.813	105.199	N/A	N/A	4.614	PK
2			5725.000	65.385	60.351	-2.815	68.200	5.034	PK
3			5725.870	66.988	61.951	-1.212	68.200	5.038	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/07/02 - 22:02
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5610MHz Ant 0 + 1	

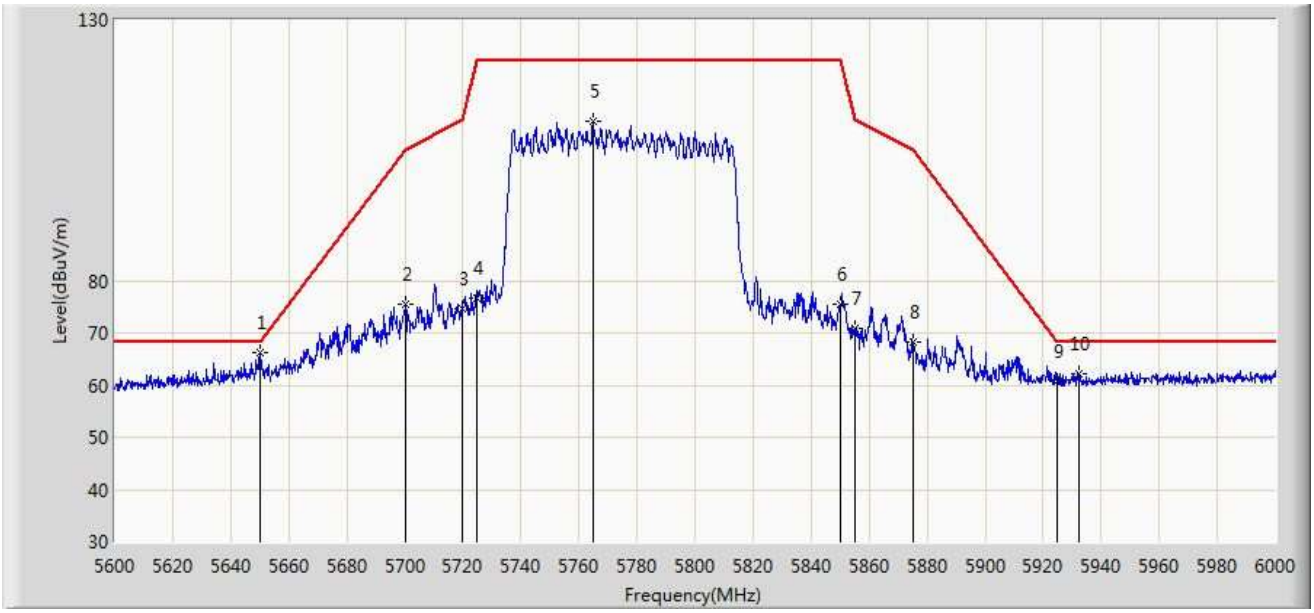


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5599.995	109.485	104.931	N/A	N/A	4.554	PK
2			5725.000	63.786	58.752	-4.414	68.200	5.034	PK
3			5728.625	65.772	60.724	-2.428	68.200	5.048	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/06/27 - 06:53
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5775MHz	

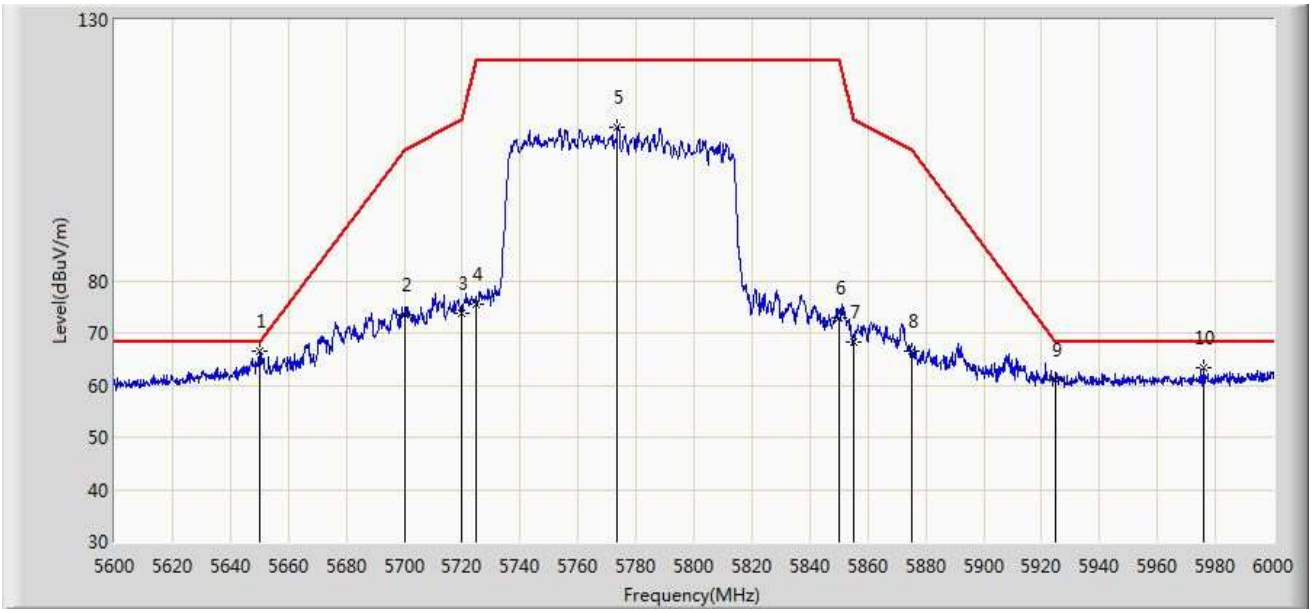


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	66.312	61.566	-1.888	68.200	4.746	PK
2			5700.000	75.550	70.612	-29.650	105.200	4.938	PK
3			5720.000	74.591	69.576	-36.209	110.800	5.015	PK
4			5725.000	76.780	71.746	-45.420	122.200	5.034	PK
5			5764.800	110.520	105.333	N/A	N/A	5.187	PK
6			5850.000	75.484	69.970	-46.716	122.200	5.514	PK
7			5855.000	70.982	65.449	-39.818	110.800	5.533	PK
8			5875.000	68.358	62.748	-36.842	105.200	5.610	PK
9			5925.000	60.583	53.283	-7.617	68.200	7.299	PK
10			5932.400	62.290	56.460	-5.910	68.200	5.830	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: 2019/06/27 - 06:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at channel 5775MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	66.637	61.891	-1.563	68.200	4.746	PK
2			5700.000	73.569	68.631	-31.631	105.200	4.938	PK
3			5720.000	73.737	68.722	-37.063	110.800	5.015	PK
4			5725.000	75.507	70.473	-46.693	122.200	5.034	PK
5			5773.600	109.542	104.321	N/A	N/A	5.221	PK
6			5850.000	72.877	67.363	-49.323	122.200	5.514	PK
7			5855.000	68.351	62.818	-42.449	110.800	5.533	PK
8			5875.000	66.649	61.039	-38.551	105.200	5.610	PK
9			5925.000	60.936	55.134	-7.264	68.200	5.802	PK
10			5975.800	63.308	57.311	-4.892	68.200	5.998	PK

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

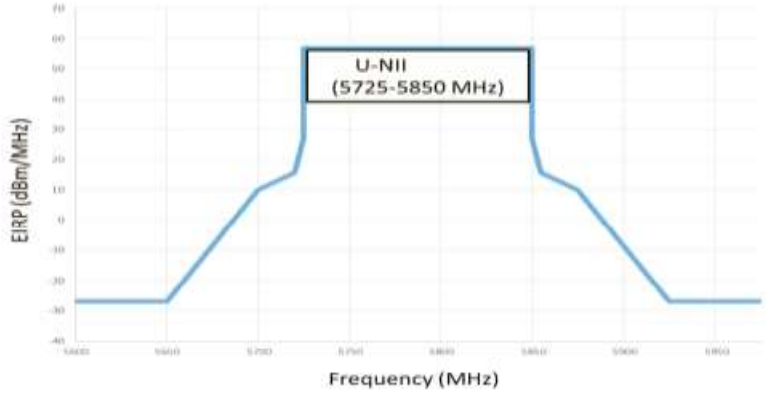
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

5.8. 不必要之發射

5.8.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.3 節：

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



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

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

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

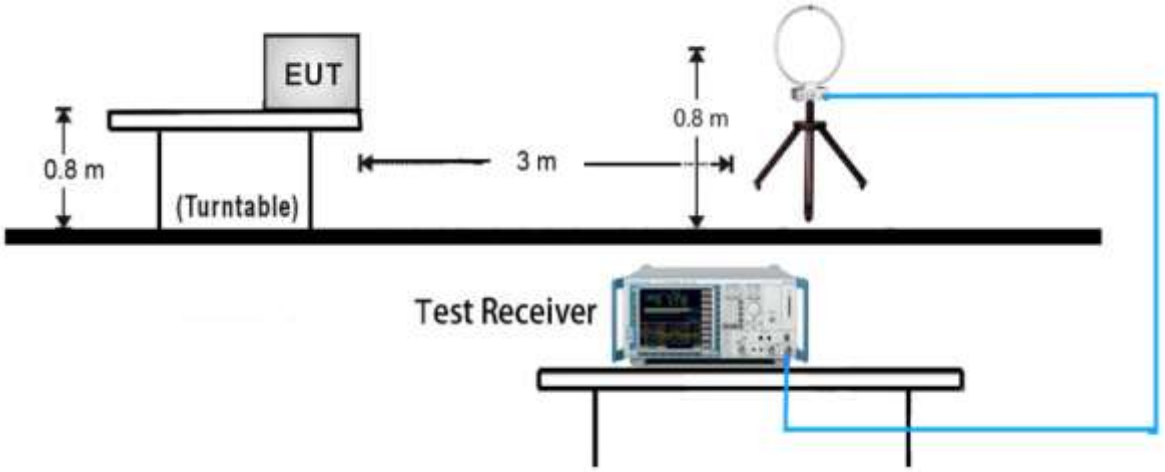
不必要發射頻率屬 2.7 規定頻段者，應符合 2.8 之規定。

5.8.2. 量測方法

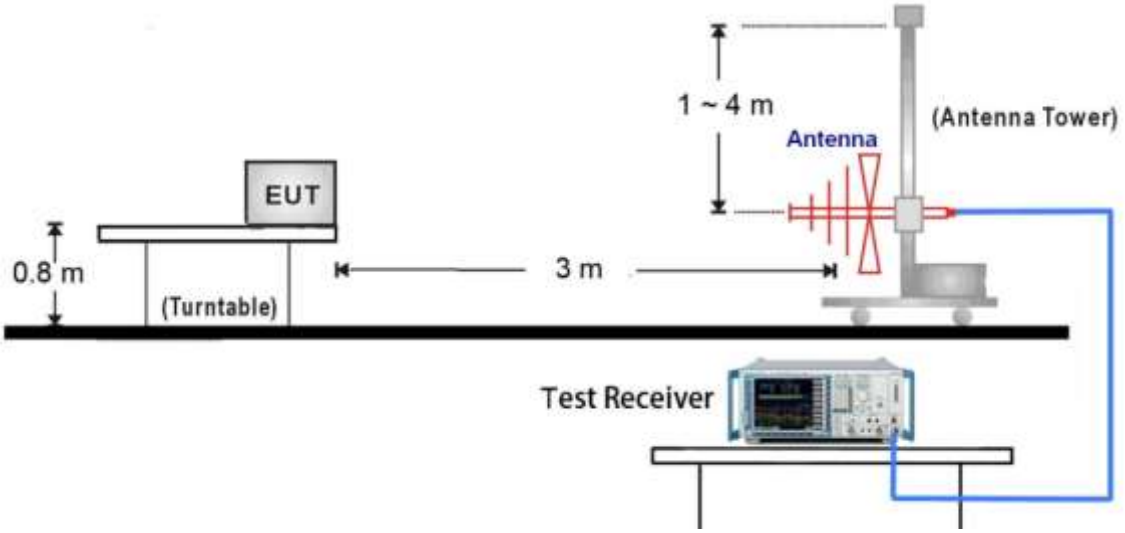
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.8.3. 測試架構圖

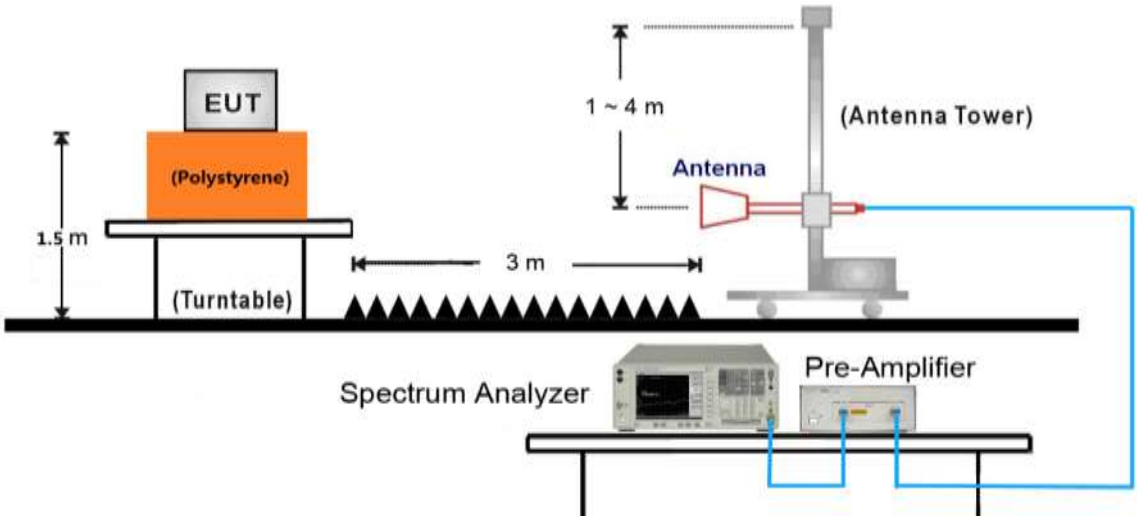
Under 30MHz Test Setup



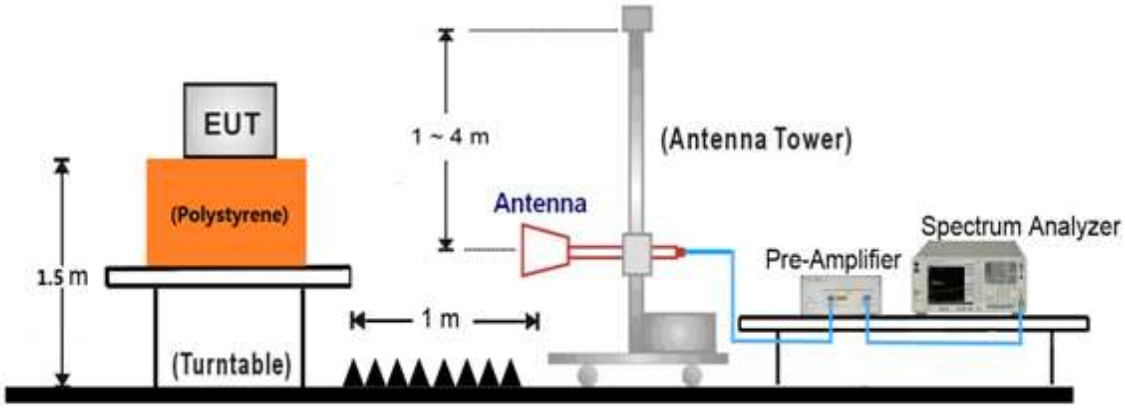
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup



18GHz ~40GHz Test Setup



5.8.4. 不必要之發射測試結果

For APIN0504 - Omni Antenna (AP-ANT-20W)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	34.6	13.6	48.2	68.2	-20.0	Peak	Horizontal
*	9721.0	34.1	15.1	49.2	68.2	-19.0	Peak	Horizontal
	10877.0	33.4	18.8	52.2	54.0	-1.8	Peak	Horizontal
	12330.5	31.0	18.5	49.5	54.0	-4.5	Peak	Horizontal
*	8692.5	35.3	13.6	48.9	68.2	-19.3	Peak	Vertical
*	10027.0	34.0	15.9	49.9	68.2	-18.3	Peak	Vertical
	11208.5	30.9	19.2	50.1	54.0	-3.9	Peak	Vertical
	12381.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
*	10239.5	34.0	16.8	50.8	68.2	-17.4	Peak	Horizontal
	11098.0	32.7	19.1	51.8	54.0	-2.2	Peak	Horizontal
	12381.5	30.5	18.4	48.9	54.0	-5.1	Peak	Horizontal
*	8845.5	34.3	14.0	48.3	68.2	-19.9	Peak	Vertical
*	9882.5	35.4	15.5	50.9	68.2	-17.3	Peak	Vertical
	10970.5	31.3	19.0	50.3	54.0	-3.7	Peak	Vertical
	12347.5	30.6	18.5	49.1	54.0	-4.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.1	13.9	48.0	68.2	-20.2	Peak	Horizontal
*	10052.5	31.9	16.0	47.9	68.2	-20.3	Peak	Horizontal
	11242.5	30.5	19.2	49.7	54.0	-4.3	Peak	Horizontal
	12373.0	30.0	18.4	48.4	54.0	-5.6	Peak	Horizontal
*	8845.5	34.4	14.0	48.4	68.2	-19.8	Peak	Vertical
*	9950.5	34.4	15.6	50.0	68.2	-18.2	Peak	Vertical
	10834.5	31.5	18.7	50.2	54.0	-3.8	Peak	Vertical
	12432.5	30.1	18.4	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8378.0	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	10154.5	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
*	13741.5	33.3	21.6	54.9	68.2	-13.3	Peak	Horizontal
	7630.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8284.5	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10435.0	33.2	17.7	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7375.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8276.0	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	8820.0	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	9865.5	33.9	15.5	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7332.5	33.5	12.2	45.7	54.0	-8.3	Peak	Horizontal
	8191.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	8743.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	9959.0	34.9	15.7	50.6	68.2	-17.6	Peak	Horizontal
	7519.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8242.0	35.4	13.0	48.4	54.0	-5.6	Peak	Vertical
*	8879.5	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	9857.0	34.7	15.4	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	35.3	12.8	48.1	54.0	-5.9	Peak	Horizontal
	8199.5	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8165.5	34.3	13.0	47.3	54.0	-6.7	Peak	Vertical
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Vertical
*	9772.0	33.1	15.2	48.3	68.2	-19.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	116
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
	7434.5	35.5	12.5	48.0	54.0	-6.0	Peak	Horizontal
	8225.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8837.0	33.9	14.0	47.9	68.2	-20.3	Peak	Horizontal
*	10401.0	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	35.3	12.7	48.0	54.0	-6.0	Peak	Vertical
	8267.5	32.5	13.1	45.6	54.0	-8.4	Peak	Vertical
*	9695.5	33.1	15.1	48.2	68.2	-20.0	Peak	Vertical
*	10460.5	31.2	17.8	49.0	68.2	-19.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.4	12.6	46.0	54.0	-8.0	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	8854.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7485.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8131.5	35.3	13.0	48.3	54.0	-5.7	Peak	Vertical
*	8735.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10316.0	33.4	17.2	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7562.0	35.0	12.7	47.7	54.0	-6.3	Peak	Horizontal
	8318.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	8837.0	35.0	14.0	49.0	68.2	-19.2	Peak	Horizontal
*	9976.0	35.4	15.7	51.1	68.2	-17.1	Peak	Horizontal
	7451.5	35.8	12.6	48.4	54.0	-5.6	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	8820.0	33.9	13.9	47.8	68.2	-20.4	Peak	Vertical
*	9721.0	32.8	15.1	47.9	68.2	-20.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	35.4	13.6	49.1	68.2	-19.1	Peak	Horizontal
*	9772.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	10996.0	30.8	19.1	49.9	54.0	-4.1	Peak	Horizontal
	12407.0	30.5	18.4	48.9	54.0	-5.1	Peak	Horizontal
*	8769.0	34.5	13.8	48.3	68.2	-19.9	Peak	Vertical
*	9772.0	32.9	15.2	48.1	68.2	-20.1	Peak	Vertical
	11081.0	31.5	19.1	50.6	54.0	-3.4	Peak	Vertical
	12517.5	30.2	18.3	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	34.3	13.7	48.0	68.2	-20.2	Peak	Horizontal
*	9721.0	33.4	15.1	48.6	68.2	-19.6	Peak	Horizontal
	10758.0	30.9	18.5	49.4	54.0	-4.6	Peak	Horizontal
	12432.5	30.3	18.4	48.6	54.0	-5.4	Peak	Horizontal
*	8624.5	33.8	13.5	47.2	68.2	-21.0	Peak	Vertical
*	9678.5	33.2	15.0	48.3	68.2	-19.9	Peak	Vertical
	11242.5	30.6	19.2	49.8	54.0	-4.2	Peak	Vertical
	12424.0	30.7	18.4	49.0	54.0	-5.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	34.9	13.5	48.5	68.2	-19.7	Peak	Horizontal
*	10095.0	31.7	16.2	47.9	68.2	-20.3	Peak	Horizontal
	11829.0	29.8	19.0	48.8	54.0	-5.2	Peak	Horizontal
	15569.0	27.7	21.7	49.5	54.0	-4.5	Peak	Horizontal
*	8760.5	32.3	13.8	46.1	68.2	-22.1	Peak	Vertical
*	9585.0	32.6	14.8	47.4	68.2	-20.8	Peak	Vertical
	10732.5	30.7	18.5	49.2	54.0	-4.8	Peak	Vertical
	12509.0	30.2	18.3	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	33.3	13.6	46.9	68.2	-21.3	Peak	Horizontal
*	10035.5	31.9	15.9	47.8	68.2	-20.4	Peak	Horizontal
	11030.0	30.5	19.1	49.6	54.0	-4.4	Peak	Horizontal
	12330.5	30.2	18.5	48.7	54.0	-5.3	Peak	Horizontal
*	8862.5	34.2	14.0	48.2	68.2	-20.0	Peak	Vertical
*	10120.5	31.5	16.3	47.8	68.2	-20.4	Peak	Vertical
	10970.5	30.9	19.0	49.9	54.0	-4.1	Peak	Vertical
	12458.0	30.7	18.3	49.0	54.0	-5.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	34.4	13.6	48.0	68.2	-20.2	Peak	Horizontal
*	9772.0	33.3	15.2	48.5	68.2	-19.7	Peak	Horizontal
	10936.5	32.6	18.9	51.5	54.0	-2.5	Peak	Horizontal
	12441.0	30.7	18.4	49.1	54.0	-4.9	Peak	Horizontal
*	8769.0	32.7	13.8	46.5	68.2	-21.7	Peak	Vertical
*	10112.0	32.9	16.3	49.2	68.2	-19.0	Peak	Vertical
	10928.0	31.2	18.9	50.1	54.0	-3.9	Peak	Vertical
	12203.0	30.9	18.6	49.5	54.0	-4.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	32.8	13.8	46.6	68.2	-21.6	Peak	Horizontal
*	10018.5	34.3	15.8	50.1	68.2	-18.1	Peak	Horizontal
	10894.0	33.2	18.8	52.0	54.0	-2.0	Peak	Horizontal
	12441.0	31.9	18.4	50.3	54.0	-3.7	Peak	Horizontal
*	8828.5	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
*	9899.5	33.4	15.5	48.9	68.2	-19.3	Peak	Vertical
	10860.0	32.5	18.8	51.3	54.0	-2.7	Peak	Vertical
	12500.5	31.5	18.3	49.8	54.0	-4.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7443.0	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8199.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9763.5	33.4	15.2	48.6	68.2	-19.6	Peak	Horizontal
*	10299.0	31.8	17.1	48.9	68.2	-19.3	Peak	Horizontal
	7477.0	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9593.5	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
*	10290.5	32.6	17.0	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7426.0	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8225.0	35.1	13.0	48.1	54.0	-5.9	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10401.0	31.9	17.5	49.4	68.2	-18.8	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8310.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9755.0	33.7	15.2	48.9	68.2	-19.3	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7417.5	35.0	12.5	47.5	54.0	-6.5	Peak	Horizontal
	8369.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9619.0	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
*	10188.5	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
	7672.5	35.5	12.8	48.3	54.0	-5.7	Peak	Vertical
	8267.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7417.5	33.6	12.5	46.1	54.0	-7.9	Peak	Horizontal
	8174.0	36.0	13.0	49.0	54.0	-5.0	Peak	Horizontal
*	9772.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	10409.5	33.4	17.6	51.0	68.2	-17.2	Peak	Horizontal
	7468.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8208.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	9653.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical
*	10265.0	32.0	16.9	48.9	68.2	-19.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	116
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
	7409.0	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8369.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	32.6	15.1	47.7	68.2	-20.5	Peak	Horizontal
*	10409.5	33.2	17.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8310.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	33.6	14.9	48.5	68.2	-19.7	Peak	Vertical
*	10231.0	33.4	16.8	50.2	68.2	-18.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7536.5	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8420.5	34.7	13.1	47.8	54.0	-6.2	Peak	Horizontal
*	9695.5	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7536.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8420.5	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7485.5	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8208.0	35.8	13.0	48.8	54.0	-5.2	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10409.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9823.0	32.3	15.4	47.7	68.2	-20.5	Peak	Vertical
*	10443.5	31.5	17.7	49.2	68.2	-19.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	33.4	13.5	46.9	68.2	-21.3	Peak	Horizontal
*	9763.5	32.7	15.2	47.9	68.2	-20.3	Peak	Horizontal
	11004.5	30.4	19.1	49.5	54.0	-4.5	Peak	Horizontal
	12271.0	31.8	18.5	50.4	54.0	-3.6	Peak	Horizontal
*	8599.0	33.8	13.4	47.2	68.2	-21.0	Peak	Vertical
*	10078.0	31.7	16.1	47.9	68.2	-20.3	Peak	Vertical
	10970.5	31.7	19.0	50.7	54.0	-3.3	Peak	Vertical
	12330.5	30.5	18.5	49.0	54.0	-5.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8582.0	34.8	13.4	48.2	68.2	-20.0	Peak	Horizontal
*	10052.5	32.4	16.0	48.4	68.2	-19.8	Peak	Horizontal
	10996.0	30.4	19.1	49.5	54.0	-4.5	Peak	Horizontal
	12330.5	30.4	18.5	48.8	54.0	-5.2	Peak	Horizontal
*	8616.0	32.8	13.4	46.3	68.2	-22.0	Peak	Vertical
*	9789.0	32.3	15.3	47.5	68.2	-20.7	Peak	Vertical
	10732.5	31.5	18.5	49.9	54.0	-4.1	Peak	Vertical
	12109.5	30.4	18.7	49.1	54.0	-4.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	33.2	13.8	47.1	68.2	-21.1	Peak	Horizontal
*	9874.0	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
	11072.5	31.2	19.1	50.3	54.0	-3.7	Peak	Horizontal
	12007.5	30.6	18.8	49.4	54.0	-4.6	Peak	Horizontal
*	8675.5	33.2	13.6	46.8	68.2	-21.4	Peak	Vertical
*	9840.0	32.4	15.4	47.8	68.2	-20.4	Peak	Vertical
	11055.5	33.3	19.1	52.4	54.0	-1.6	Peak	Vertical
	12364.5	30.6	18.4	49.0	54.0	-5.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	32.6	13.8	46.4	68.2	-21.8	Peak	Horizontal
*	9823.0	33.4	15.4	48.8	68.2	-19.4	Peak	Horizontal
	11123.5	30.4	19.1	49.5	54.0	-4.5	Peak	Horizontal
	12509.0	31.1	18.3	49.4	54.0	-4.6	Peak	Horizontal
*	8582.0	34.0	13.4	47.4	68.2	-20.8	Peak	Vertical
*	9942.0	33.9	15.6	49.5	68.2	-18.7	Peak	Vertical
	10911.0	31.1	18.9	50.0	54.0	-4.0	Peak	Vertical
	12449.5	29.8	18.4	48.2	54.0	-5.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	33.2	13.4	46.6	68.2	-21.6	Peak	Horizontal
*	9942.0	34.3	15.6	49.9	68.2	-18.3	Peak	Horizontal
	10834.5	32.7	18.7	51.4	54.0	-2.6	Peak	Horizontal
	12245.5	31.3	18.6	49.9	54.0	-4.1	Peak	Horizontal
*	8777.5	32.5	13.8	46.3	68.2	-21.9	Peak	Vertical
*	10069.5	33.2	16.1	49.3	68.2	-18.9	Peak	Vertical
	10902.5	32.0	18.9	50.9	54.0	-3.1	Peak	Vertical
	12517.5	30.6	18.3	48.9	54.0	-5.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7494.0	34.8	12.7	47.5	54.0	-6.5	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9627.5	34.8	14.9	49.7	68.2	-18.5	Peak	Horizontal
*	10214.0	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7366.5	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
	8233.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Vertical
*	10324.5	31.6	17.2	48.8	68.2	-19.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7638.5	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9789.0	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10392.5	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.8	12.7	45.5	54.0	-8.5	Peak	Vertical
	8225.0	32.5	13.0	45.5	54.0	-8.5	Peak	Vertical
*	9653.0	32.6	15.0	47.6	68.2	-20.6	Peak	Vertical
*	10197.0	31.5	16.6	48.1	68.2	-20.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7315.5	34.8	12.2	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7536.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8259.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	9653.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical
*	10324.5	32.5	17.2	49.7	68.2	-18.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
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
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Horizontal
	8131.5	33.0	13.0	46.0	54.0	-8.0	Peak	Horizontal
*	9721.0	33.0	15.1	48.1	68.2	-20.1	Peak	Horizontal
*	10341.5	32.6	17.3	49.9	68.2	-18.3	Peak	Horizontal
	7502.5	33.3	12.7	46.0	54.0	-8.0	Peak	Vertical
	8361.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9695.5	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10231.0	33.3	16.8	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7638.5	34.3	12.8	47.1	54.0	-6.9	Peak	Horizontal
	8199.5	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	9874.0	33.7	15.5	49.2	68.2	-19.0	Peak	Horizontal
*	10452.0	32.3	17.8	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9653.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.3	17.7	49.0	68.2	-19.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7477.0	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8378.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9814.5	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Horizontal
	7621.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	9678.5	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10350.0	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.5	13.7	47.2	68.2	-21.0	Peak	Horizontal
*	10078.0	32.6	16.1	48.7	68.2	-19.5	Peak	Horizontal
	11897.0	30.2	18.9	49.1	54.0	-4.9	Peak	Horizontal
	15790.0	28.1	20.9	49.0	54.0	-5.0	Peak	Horizontal
*	8752.0	32.4	13.8	46.1	68.2	-22.1	Peak	Vertical
*	9916.5	32.3	15.6	47.9	68.2	-20.3	Peak	Vertical
	11523.0	30.0	19.2	49.3	54.0	-4.7	Peak	Vertical
	15960.0	28.0	20.3	48.4	54.0	-5.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	35.3	13.7	49.1	68.2	-19.1	Peak	Horizontal
*	10095.0	34.3	16.2	50.5	68.2	-17.7	Peak	Horizontal
	11633.5	32.1	19.1	51.2	54.0	-2.8	Peak	Horizontal
	16062.0	30.0	20.4	50.4	54.0	-3.6	Peak	Horizontal
*	8718.0	32.2	13.7	45.9	68.2	-22.3	Peak	Vertical
*	10078.0	31.6	16.1	47.7	68.2	-20.5	Peak	Vertical
	11633.5	30.7	19.1	49.8	54.0	-4.2	Peak	Vertical
	15841.0	27.6	20.8	48.4	54.0	-5.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	35.3	13.7	49.0	68.2	-19.2	Peak	Horizontal
*	10248.0	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	10970.5	30.9	19.0	49.9	54.0	-4.1	Peak	Horizontal
	12500.5	31.3	18.3	49.6	54.0	-4.4	Peak	Horizontal
*	8735.0	33.3	13.7	47.0	68.2	-21.2	Peak	Vertical
*	9899.5	34.5	15.5	50.0	68.2	-18.2	Peak	Vertical
	11072.5	32.4	19.1	51.5	54.0	-2.5	Peak	Vertical
	12653.5	29.4	18.7	48.1	54.0	-5.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
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
	7383.5	35.2	12.4	47.6	54.0	-6.4	Peak	Horizontal
	8301.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10214.0	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9857.0	33.3	15.4	48.7	68.2	-19.5	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
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
	7570.5	33.1	12.7	45.8	54.0	-8.2	Peak	Horizontal
	8378.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9814.5	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10350.0	32.9	17.3	50.2	68.2	-18.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	33.0	13.6	46.7	68.2	-21.5	Peak	Horizontal
*	10001.5	32.1	15.8	47.8	68.2	-20.4	Peak	Horizontal
	11684.5	30.5	19.1	49.6	54.0	-4.4	Peak	Horizontal
	15790.0	27.1	20.9	48.1	54.0	-5.9	Peak	Horizontal
*	8590.5	33.1	13.4	46.4	68.2	-21.8	Peak	Vertical
*	9925.0	32.1	15.6	47.7	68.2	-20.5	Peak	Vertical
	11812.0	29.7	19.0	48.7	54.0	-5.3	Peak	Vertical
	15849.5	27.3	20.7	48.1	54.0	-5.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	33.9	13.4	47.3	68.2	-20.9	Peak	Horizontal
*	10078.0	31.6	16.1	47.7	68.2	-20.5	Peak	Horizontal
	11030.0	30.8	19.1	49.9	54.0	-4.1	Peak	Horizontal
	12475.0	32.3	18.3	50.6	54.0	-3.4	Peak	Horizontal
*	8811.5	32.4	13.9	46.3	68.2	-21.9	Peak	Vertical
*	9772.0	32.2	15.2	47.4	68.2	-20.8	Peak	Vertical
	10775.0	30.2	18.6	48.8	54.0	-5.2	Peak	Vertical
	12220.0	30.8	18.6	49.4	54.0	-4.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	32.6	13.7	46.3	68.2	-21.9	Peak	Horizontal
*	10010.0	33.1	15.8	48.9	68.2	-19.3	Peak	Horizontal
	11021.5	30.6	19.1	49.7	54.0	-4.3	Peak	Horizontal
	12356.0	31.1	18.5	49.6	54.0	-4.4	Peak	Horizontal
*	8692.5	32.6	13.6	46.2	68.2	-22.0	Peak	Vertical
*	10112.0	31.4	16.3	47.7	68.2	-20.5	Peak	Vertical
	11013.0	30.2	19.1	49.3	54.0	-4.7	Peak	Vertical
	12330.5	30.0	18.5	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	32.3	13.8	46.1	68.2	-22.1	Peak	Horizontal
*	9993.0	32.3	15.7	48.0	68.2	-20.2	Peak	Horizontal
	10860.0	32.3	18.8	51.1	54.0	-2.9	Peak	Horizontal
	12254.0	31.1	18.6	49.7	54.0	-4.3	Peak	Horizontal
*	8658.5	32.8	13.5	46.3	68.2	-21.9	Peak	Vertical
*	10078.0	32.1	16.1	48.2	68.2	-20.0	Peak	Vertical
	10979.0	32.2	19.0	51.2	54.0	-2.8	Peak	Vertical
	12381.5	30.2	18.4	48.6	54.0	-5.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8225.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9882.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	10503.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7604.5	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8395.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9678.5	34.7	15.0	49.7	68.2	-18.5	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7392.0	33.7	12.4	46.1	54.0	-7.9	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9797.5	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
*	10486.0	33.1	17.9	51.0	68.2	-17.2	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10324.5	32.3	17.2	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7587.5	32.1	12.8	44.9	54.0	-9.1	Peak	Horizontal
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9993.0	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
*	10409.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7579.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8174.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.9	17.7	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9738.0	33.7	15.2	48.9	68.2	-19.3	Peak	Horizontal
*	10392.5	32.5	17.5	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8199.5	32.8	13.0	45.8	54.0	-8.2	Peak	Vertical
*	9814.5	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
*	10418.0	31.8	17.6	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
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
	7528.0	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8429.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Horizontal
	7434.5	35.1	12.5	47.6	54.0	-6.4	Peak	Vertical
	8157.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
*	10443.5	31.8	17.7	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7570.5	34.2	12.7	46.9	54.0	-7.1	Peak	Horizontal
	8352.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9636.0	33.9	14.9	48.8	68.2	-19.4	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9797.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10307.5	32.5	17.1	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7528.0	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8131.5	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	10001.5	33.7	15.8	49.5	68.2	-18.7	Peak	Vertical
*	10350.0	33.3	17.3	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	32.2	13.6	45.7	68.2	-22.5	Peak	Horizontal
*	10061.0	31.7	16.0	47.7	68.2	-20.5	Peak	Horizontal
	11684.5	30.5	19.1	49.6	54.0	-4.4	Peak	Horizontal
	15960.0	27.8	20.3	48.2	54.0	-5.8	Peak	Horizontal
*	8684.0	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
*	9976.0	31.8	15.7	47.5	68.2	-20.7	Peak	Vertical
	12169.0	30.8	18.6	49.4	54.0	-4.6	Peak	Vertical
	15849.5	27.7	20.7	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
*	9814.5	31.9	15.3	47.3	68.2	-20.9	Peak	Horizontal
	11327.5	31.2	19.2	50.4	54.0	-3.6	Peak	Horizontal
	15841.0	27.1	20.8	47.8	54.0	-6.2	Peak	Horizontal
*	8743.5	32.0	13.8	45.7	68.2	-22.5	Peak	Vertical
*	10171.5	31.3	16.5	47.8	68.2	-20.4	Peak	Vertical
	12339.0	29.7	18.5	48.2	54.0	-5.8	Peak	Vertical
	15849.5	27.0	20.7	47.7	54.0	-6.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	32.6	13.5	46.2	68.2	-22.0	Peak	Horizontal
*	10443.5	30.7	17.7	48.4	68.2	-19.8	Peak	Horizontal
	12381.5	29.9	18.4	48.4	54.0	-5.6	Peak	Horizontal
	15594.5	27.4	21.6	49.0	54.0	-5.0	Peak	Horizontal
*	8658.5	32.7	13.5	46.3	68.2	-21.9	Peak	Vertical
*	9899.5	32.6	15.5	48.1	68.2	-20.1	Peak	Vertical
	11854.5	28.8	18.9	47.8	54.0	-6.2	Peak	Vertical
	16028.0	28.4	20.3	48.8	54.0	-5.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	34.2	13.8	48.0	68.2	-20.2	Peak	Horizontal
*	10401.0	33.1	17.5	50.6	68.2	-17.6	Peak	Horizontal
	11676.0	33.5	19.1	52.6	54.0	-1.4	Peak	Horizontal
	12441.0	31.5	18.4	49.9	54.0	-4.1	Peak	Horizontal
*	8616.0	34.7	13.4	48.1	68.2	-20.1	Peak	Vertical
*	9899.5	32.7	15.5	48.2	68.2	-20.0	Peak	Vertical
	10902.5	33.5	18.9	52.4	54.0	-1.6	Peak	Vertical
	12177.5	31.5	18.6	50.1	54.0	-3.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8599.0	35.0	13.4	48.4	68.2	-19.8	Peak	Horizontal
*	9899.5	33.7	15.5	49.2	68.2	-19.0	Peak	Horizontal
	11098.0	32.9	19.1	52.0	54.0	-2.0	Peak	Horizontal
	12568.5	30.2	18.5	48.7	54.0	-5.3	Peak	Horizontal
*	8820.0	34.8	13.9	48.7	68.2	-19.5	Peak	Vertical
*	10044.0	33.3	16.0	49.3	68.2	-18.9	Peak	Vertical
	10979.0	30.3	19.0	49.3	54.0	-4.7	Peak	Vertical
	12339.0	30.0	18.5	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7468.5	33.7	12.6	46.3	54.0	-7.7	Peak	Horizontal
	8191.0	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	10035.5	34.2	15.9	50.1	68.2	-18.1	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7545.0	32.4	12.7	45.1	54.0	-8.9	Peak	Vertical
	8446.0	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9670.0	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7528.0	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7536.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8352.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	9721.0	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	10409.5	32.3	17.6	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7570.5	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
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
	7417.5	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8276.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9814.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7596.0	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10418.0	33.2	17.6	50.8	68.2	-17.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7519.5	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8242.0	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10333.0	33.1	17.2	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	32.0	12.5	44.5	54.0	-9.5	Peak	Vertical
	8216.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9704.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10341.5	32.8	17.3	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7621.5	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8386.5	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9678.5	34.9	15.0	49.9	68.2	-18.3	Peak	Horizontal
*	10256.5	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	32.7	17.3	50.0	68.2	-18.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
*	10401.0	31.4	17.5	48.9	68.2	-19.3	Peak	Horizontal
	12356.0	30.0	18.5	48.4	54.0	-5.6	Peak	Horizontal
	15705.0	28.3	21.2	49.5	54.0	-4.5	Peak	Horizontal
*	8854.0	31.4	14.0	45.4	68.2	-22.8	Peak	Vertical
*	10061.0	31.6	16.0	47.7	68.2	-20.5	Peak	Vertical
	12075.5	29.6	18.7	48.3	54.0	-5.7	Peak	Vertical
	15705.0	28.8	21.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	34.0	13.9	47.9	68.2	-20.3	Peak	Horizontal
*	9636.0	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
	11574.0	31.3	19.2	50.5	54.0	-3.5	Peak	Horizontal
	15492.5	26.8	21.9	48.7	54.0	-5.3	Peak	Horizontal
*	8854.0	34.9	14.0	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	30.4	17.7	48.1	68.2	-20.1	Peak	Vertical
	12339.0	29.5	18.5	48.0	54.0	-6.0	Peak	Vertical
	15756.0	26.9	21.1	48.0	54.0	-6.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
*	10137.5	31.5	16.4	47.9	68.2	-20.3	Peak	Horizontal
	11395.5	31.9	19.2	51.1	54.0	-2.9	Peak	Horizontal
	12339.0	29.7	18.5	48.2	54.0	-5.8	Peak	Horizontal
*	8769.0	34.3	13.8	48.1	68.2	-20.1	Peak	Vertical
*	9687.0	34.5	15.0	49.5	68.2	-18.7	Peak	Vertical
	10877.0	32.7	18.8	51.5	54.0	-2.5	Peak	Vertical
	12339.0	30.7	18.5	49.2	54.0	-4.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
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
	7647.0	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9695.5	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7519.5	31.8	12.7	44.5	54.0	-9.5	Peak	Vertical
	8208.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9874.0	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
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
	7630.0	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8386.5	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9661.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10171.5	33.4	16.5	49.9	68.2	-18.3	Peak	Horizontal
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10222.5	33.1	16.7	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
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
	7502.5	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8386.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10333.0	32.3	17.2	49.5	68.2	-18.7	Peak	Horizontal
	7536.5	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9721.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10333.0	32.9	17.2	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	34.2	13.7	47.9	68.2	-20.3	Peak	Horizontal
*	10350.0	32.3	17.3	49.6	68.2	-18.6	Peak	Horizontal
	11812.0	29.8	19.0	48.7	54.0	-5.3	Peak	Horizontal
	15637.0	28.6	21.5	50.1	54.0	-3.9	Peak	Horizontal
*	8760.5	34.1	13.8	47.9	68.2	-20.3	Peak	Vertical
*	9942.0	33.0	15.6	48.6	68.2	-19.6	Peak	Vertical
	11378.5	31.7	19.2	50.9	54.0	-3.1	Peak	Vertical
	15815.5	27.3	20.9	48.1	54.0	-5.9	Peak	Vertical

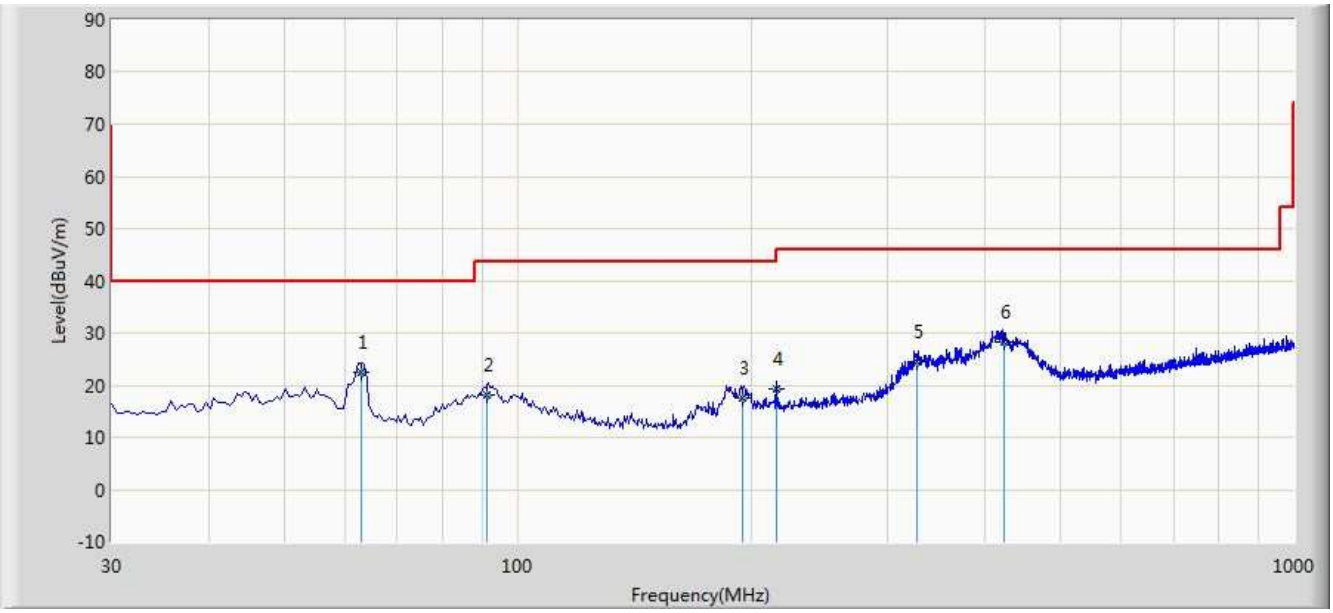
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 12:51
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



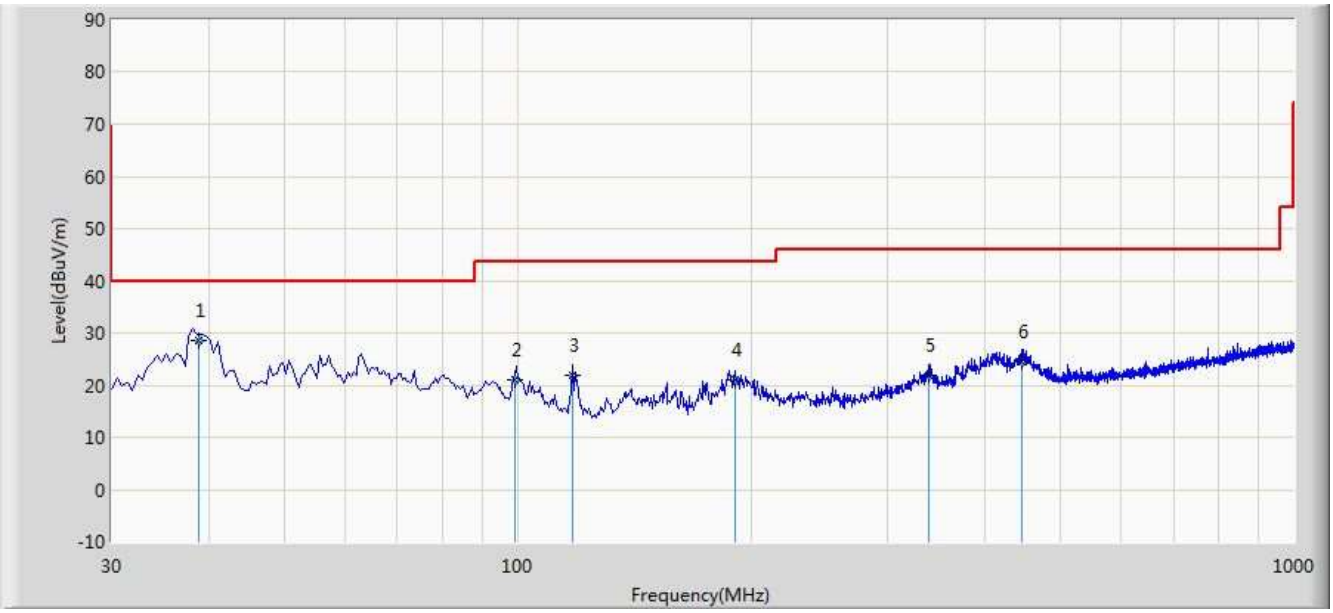
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	62.980	22.585	3.796	-17.415	40.000	18.789	QP
2			91.145	18.146	0.908	-25.354	43.500	17.237	QP
3			194.580	17.649	-1.211	-25.851	43.500	18.860	QP
4			215.440	19.217	0.200	-24.283	43.500	19.018	QP
5			327.470	24.504	2.044	-21.496	46.000	22.460	QP
6			422.980	28.231	4.028	-17.769	46.000	24.203	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2019/07/13 - 12:54
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	38.840	28.659	8.325	-11.341	40.000	20.334	QP
2			99.480	21.024	1.983	-22.476	43.500	19.041	QP
3			117.598	21.981	3.731	-21.519	43.500	18.250	QP
4			190.480	21.116	2.476	-22.384	43.500	18.641	QP
5			338.970	21.850	-1.054	-24.150	46.000	22.904	QP
6			445.980	24.497	0.050	-21.503	46.000	24.447	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

For APIN0504 - Omni Antenna (AP-ANT-19)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.5	12.6	47.1	54.0	-6.9	Peak	Horizontal
	8250.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	8582.0	35.1	13.4	48.5	68.2	-19.7	Peak	Horizontal
*	9993.0	33.5	15.7	49.2	68.2	-19.0	Peak	Horizontal
	7434.5	33.6	12.5	46.1	54.0	-7.9	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	8854.0	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	9993.0	34.0	15.7	49.7	68.2	-18.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	33.9	12.8	46.7	54.0	-7.3	Peak	Horizontal
	8301.5	35.2	13.1	48.3	54.0	-5.7	Peak	Horizontal
*	8769.0	34.4	13.8	48.2	68.2	-20.0	Peak	Horizontal
*	10307.5	33.1	17.1	50.2	68.2	-18.0	Peak	Horizontal
	7536.5	33.3	12.7	46.0	54.0	-8.0	Peak	Vertical
	8250.5	35.0	13.0	48.0	54.0	-6.0	Peak	Vertical
*	8692.5	34.4	13.6	48.0	68.2	-20.2	Peak	Vertical
*	10163.0	33.9	16.5	50.4	68.2	-17.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Horizontal
*	8896.5	33.3	14.1	47.4	68.2	-20.8	Peak	Horizontal
*	9993.0	34.2	15.7	49.9	68.2	-18.3	Peak	Horizontal
	7502.5	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8242.0	33.9	13.0	46.9	54.0	-7.1	Peak	Vertical
*	8854.0	34.3	14.0	48.3	68.2	-19.9	Peak	Vertical
*	10401.0	32.9	17.5	50.4	68.2	-17.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8378.0	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	10154.5	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
*	13741.5	33.3	21.6	54.9	68.2	-13.3	Peak	Horizontal
	7630.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8284.5	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10435.0	33.2	17.7	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7375.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8276.0	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	8820.0	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	9865.5	33.9	15.5	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7332.5	33.5	12.2	45.7	54.0	-8.3	Peak	Horizontal
	8191.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	8743.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	9959.0	34.9	15.7	50.6	68.2	-17.6	Peak	Horizontal
	7519.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8242.0	35.4	13.0	48.4	54.0	-5.6	Peak	Vertical
*	8879.5	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	9857.0	34.7	15.4	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	35.3	12.8	48.1	54.0	-5.9	Peak	Horizontal
	8199.5	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8165.5	34.3	13.0	47.3	54.0	-6.7	Peak	Vertical
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Vertical
*	9772.0	33.1	15.2	48.3	68.2	-19.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	116
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
	7434.5	35.5	12.5	48.0	54.0	-6.0	Peak	Horizontal
	8225.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8837.0	33.9	14.0	47.9	68.2	-20.3	Peak	Horizontal
*	10401.0	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	35.3	12.7	48.0	54.0	-6.0	Peak	Vertical
	8267.5	32.5	13.1	45.6	54.0	-8.4	Peak	Vertical
*	9695.5	33.1	15.1	48.2	68.2	-20.0	Peak	Vertical
*	10460.5	31.2	17.8	49.0	68.2	-19.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.4	12.6	46.0	54.0	-8.0	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	8854.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7485.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8131.5	35.3	13.0	48.3	54.0	-5.7	Peak	Vertical
*	8735.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10316.0	33.4	17.2	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7562.0	35.0	12.7	47.7	54.0	-6.3	Peak	Horizontal
	8318.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	8837.0	35.0	14.0	49.0	68.2	-19.2	Peak	Horizontal
*	9976.0	35.4	15.7	51.1	68.2	-17.1	Peak	Horizontal
	7451.5	35.8	12.6	48.4	54.0	-5.6	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	8820.0	33.9	13.9	47.8	68.2	-20.4	Peak	Vertical
*	9721.0	32.8	15.1	47.9	68.2	-20.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	35.2	13.5	48.7	68.2	-19.5	Peak	Horizontal
*	9942.0	34.0	15.6	49.6	68.2	-18.6	Peak	Horizontal
	11174.5	31.6	19.1	50.7	54.0	-3.3	Peak	Horizontal
	12322.0	31.2	18.5	49.7	54.0	-4.3	Peak	Horizontal
*	8760.5	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
*	10129.0	32.6	16.3	48.9	68.2	-19.3	Peak	Vertical
	11829.0	30.6	19.0	49.6	54.0	-4.4	Peak	Vertical
	15841.0	28.3	20.8	49.1	54.0	-4.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	34.6	14.0	48.6	68.2	-19.6	Peak	Horizontal
*	9831.5	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	10894.0	32.2	18.8	51.0	54.0	-3.0	Peak	Horizontal
	12381.5	30.7	18.4	49.1	54.0	-4.9	Peak	Horizontal
*	8811.5	34.6	13.9	48.5	68.2	-19.7	Peak	Vertical
*	9687.0	33.7	15.0	48.7	68.2	-19.5	Peak	Vertical
	11225.5	30.9	19.2	50.1	54.0	-3.9	Peak	Vertical
	15705.0	30.3	21.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	33.2	13.9	47.1	68.2	-21.1	Peak	Horizontal
*	9551.0	33.9	14.7	48.6	68.2	-19.6	Peak	Horizontal
	11489.0	31.3	19.2	50.5	54.0	-3.5	Peak	Horizontal
	15841.0	28.9	20.8	49.7	54.0	-4.3	Peak	Horizontal
*	8675.5	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
*	9551.0	33.0	14.7	47.7	68.2	-20.5	Peak	Vertical
	10698.5	31.5	18.4	49.9	54.0	-4.1	Peak	Vertical
	12560.0	30.9	18.4	49.3	54.0	-4.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.6	12.5	46.1	54.0	-7.9	Peak	Horizontal
	8318.5	35.1	13.1	48.2	54.0	-5.8	Peak	Horizontal
*	9857.0	33.9	15.4	49.3	68.2	-18.9	Peak	Horizontal
*	12951.0	31.5	19.4	50.9	68.2	-17.3	Peak	Horizontal
	7570.5	34.2	12.7	46.9	54.0	-7.1	Peak	Vertical
	8395.0	35.1	13.1	48.2	54.0	-5.8	Peak	Vertical
*	9755.0	35.0	15.2	50.2	68.2	-18.0	Peak	Vertical
*	10333.0	33.6	17.2	50.8	68.2	-17.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	36.1	12.7	48.8	54.0	-5.2	Peak	Horizontal
	8437.5	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	9942.0	33.7	15.6	49.3	68.2	-18.9	Peak	Horizontal
*	10418.0	32.5	17.6	50.1	68.2	-18.1	Peak	Horizontal
	7536.5	33.8	12.7	46.5	54.0	-7.5	Peak	Vertical
	8437.5	34.2	13.1	47.3	54.0	-6.7	Peak	Vertical
*	8913.5	33.0	14.2	47.2	68.2	-21.0	Peak	Vertical
*	9925.0	33.3	15.6	48.9	68.2	-19.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.8	12.5	46.3	54.0	-7.7	Peak	Horizontal
	8344.0	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	8692.5	33.4	13.6	47.0	68.2	-21.2	Peak	Horizontal
*	10324.5	32.0	17.2	49.2	68.2	-19.0	Peak	Horizontal
	7434.5	34.6	12.5	47.1	54.0	-6.9	Peak	Vertical
	8208.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	8709.5	34.2	13.7	47.9	68.2	-20.3	Peak	Vertical
*	10035.5	33.9	15.9	49.8	68.2	-18.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7443.0	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8199.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9763.5	33.4	15.2	48.6	68.2	-19.6	Peak	Horizontal
*	10299.0	31.8	17.1	48.9	68.2	-19.3	Peak	Horizontal
	7477.0	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9593.5	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
*	10290.5	32.6	17.0	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7426.0	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8225.0	35.1	13.0	48.1	54.0	-5.9	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10401.0	31.9	17.5	49.4	68.2	-18.8	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8310.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9755.0	33.7	15.2	48.9	68.2	-19.3	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7417.5	35.0	12.5	47.5	54.0	-6.5	Peak	Horizontal
	8369.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9619.0	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
*	10188.5	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
	7672.5	35.5	12.8	48.3	54.0	-5.7	Peak	Vertical
	8267.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7417.5	33.6	12.5	46.1	54.0	-7.9	Peak	Horizontal
	8174.0	36.0	13.0	49.0	54.0	-5.0	Peak	Horizontal
*	9772.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	10409.5	33.4	17.6	51.0	68.2	-17.2	Peak	Horizontal
	7468.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8208.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	9653.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical
*	10265.0	32.0	16.9	48.9	68.2	-19.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	116
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
	7409.0	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8369.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	32.6	15.1	47.7	68.2	-20.5	Peak	Horizontal
*	10409.5	33.2	17.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8310.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	33.6	14.9	48.5	68.2	-19.7	Peak	Vertical
*	10231.0	33.4	16.8	50.2	68.2	-18.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7536.5	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8420.5	34.7	13.1	47.8	54.0	-6.2	Peak	Horizontal
*	9695.5	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7536.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8420.5	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7485.5	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8208.0	35.8	13.0	48.8	54.0	-5.2	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10409.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9823.0	32.3	15.4	47.7	68.2	-20.5	Peak	Vertical
*	10443.5	31.5	17.7	49.2	68.2	-19.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	34.0	13.9	47.9	68.2	-20.3	Peak	Horizontal
*	9678.5	32.8	15.0	47.8	68.2	-20.4	Peak	Horizontal
	11497.5	30.0	19.2	49.2	54.0	-4.8	Peak	Horizontal
	15917.5	28.5	20.5	49.0	54.0	-5.0	Peak	Horizontal
*	8845.5	33.8	14.0	47.8	68.2	-20.4	Peak	Vertical
*	9908.0	35.4	15.6	51.0	68.2	-17.2	Peak	Vertical
	11531.5	30.9	19.2	50.1	54.0	-3.9	Peak	Vertical
	16062.0	29.2	20.4	49.6	54.0	-4.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Horizontal
*	9695.5	33.8	15.1	48.9	68.2	-19.3	Peak	Horizontal
	11064.0	31.6	19.1	50.7	54.0	-3.3	Peak	Horizontal
	12330.5	29.7	18.5	48.2	54.0	-5.8	Peak	Horizontal
*	8658.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
*	10120.5	32.9	16.3	49.2	68.2	-19.0	Peak	Vertical
	11676.0	30.3	19.1	49.4	54.0	-4.6	Peak	Vertical
	15790.0	27.3	20.9	48.2	54.0	-5.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	33.4	14.1	47.5	68.2	-20.7	Peak	Horizontal
*	9789.0	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
	11251.0	31.6	19.2	50.8	54.0	-3.2	Peak	Horizontal
	12441.0	31.1	18.4	49.5	54.0	-4.5	Peak	Horizontal
*	8616.0	34.4	13.4	47.8	68.2	-20.4	Peak	Vertical
*	10052.5	31.9	16.0	47.9	68.2	-20.3	Peak	Vertical
	11684.5	32.0	19.1	51.1	54.0	-2.9	Peak	Vertical
	15798.5	27.1	20.9	48.0	54.0	-6.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	33.3	12.8	46.1	54.0	-7.9	Peak	Horizontal
	8361.0	33.8	13.1	46.9	54.0	-7.1	Peak	Horizontal
*	8667.0	33.4	13.6	47.0	68.2	-21.2	Peak	Horizontal
*	10035.5	33.9	15.9	49.8	68.2	-18.4	Peak	Horizontal
	7587.5	33.3	12.8	46.1	54.0	-7.9	Peak	Vertical
	8267.5	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	8854.0	32.7	14.0	46.7	68.2	-21.5	Peak	Vertical
*	9993.0	33.6	15.7	49.3	68.2	-18.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	8675.5	34.2	13.6	47.8	68.2	-20.4	Peak	Horizontal
*	10044.0	34.5	16.0	50.5	68.2	-17.7	Peak	Horizontal
	7528.0	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8199.5	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9806.0	32.6	15.3	47.9	68.2	-20.3	Peak	Vertical
*	10384.0	32.7	17.5	50.2	68.2	-18.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7494.0	34.8	12.7	47.5	54.0	-6.5	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9627.5	34.8	14.9	49.7	68.2	-18.5	Peak	Horizontal
*	10214.0	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7366.5	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
	8233.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Vertical
*	10324.5	31.6	17.2	48.8	68.2	-19.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7638.5	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9789.0	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10392.5	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.8	12.7	45.5	54.0	-8.5	Peak	Vertical
	8225.0	32.5	13.0	45.5	54.0	-8.5	Peak	Vertical
*	9653.0	32.6	15.0	47.6	68.2	-20.6	Peak	Vertical
*	10197.0	31.5	16.6	48.1	68.2	-20.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7315.5	34.8	12.2	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7536.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8259.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	9653.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical
*	10324.5	32.5	17.2	49.7	68.2	-18.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
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
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Horizontal
	8131.5	33.0	13.0	46.0	54.0	-8.0	Peak	Horizontal
*	9721.0	33.0	15.1	48.1	68.2	-20.1	Peak	Horizontal
*	10341.5	32.6	17.3	49.9	68.2	-18.3	Peak	Horizontal
	7502.5	33.3	12.7	46.0	54.0	-8.0	Peak	Vertical
	8361.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9695.5	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10231.0	33.3	16.8	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7638.5	34.3	12.8	47.1	54.0	-6.9	Peak	Horizontal
	8199.5	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	9874.0	33.7	15.5	49.2	68.2	-19.0	Peak	Horizontal
*	10452.0	32.3	17.8	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9653.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.3	17.7	49.0	68.2	-19.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7477.0	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8378.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9814.5	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Horizontal
	7621.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	9678.5	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10350.0	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	35.1	13.8	48.9	68.2	-19.3	Peak	Horizontal
*	10154.5	33.5	16.4	49.9	68.2	-18.3	Peak	Horizontal
	11786.5	30.3	19.0	49.3	54.0	-4.7	Peak	Horizontal
	15773.0	28.1	21.0	49.1	54.0	-4.9	Peak	Horizontal
*	8735.0	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
*	10078.0	33.6	16.1	49.7	68.2	-18.5	Peak	Vertical
	11378.5	30.6	19.2	49.8	54.0	-4.2	Peak	Vertical
	15841.0	27.5	20.8	48.3	54.0	-5.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8879.5	33.9	14.1	48.0	68.2	-20.2	Peak	Horizontal
*	9967.5	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
	11956.5	30.7	18.9	49.6	54.0	-4.4	Peak	Horizontal
	16053.5	27.9	20.4	48.3	54.0	-5.7	Peak	Horizontal
*	8692.5	32.1	13.6	45.7	68.2	-22.5	Peak	Vertical
*	9925.0	34.0	15.6	49.6	68.2	-18.6	Peak	Vertical
	12007.5	32.4	18.8	51.2	54.0	-2.8	Peak	Vertical
	15790.0	27.3	20.9	48.2	54.0	-5.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	34.2	12.8	47.0	54.0	-7.0	Peak	Horizontal
	8327.0	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	8794.5	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
*	9950.5	32.5	15.6	48.1	68.2	-20.1	Peak	Horizontal
	7553.5	35.2	12.7	47.9	54.0	-6.1	Peak	Vertical
	8233.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	8811.5	32.9	13.9	46.8	68.2	-21.4	Peak	Vertical
*	9950.5	32.5	15.6	48.1	68.2	-20.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
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
	7383.5	35.2	12.4	47.6	54.0	-6.4	Peak	Horizontal
	8301.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10214.0	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9857.0	33.3	15.4	48.7	68.2	-19.5	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
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
	7570.5	33.1	12.7	45.8	54.0	-8.2	Peak	Horizontal
	8378.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9814.5	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10350.0	32.9	17.3	50.2	68.2	-18.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	33.8	13.8	47.6	68.2	-20.6	Peak	Horizontal
*	10018.5	32.2	15.8	48.0	68.2	-20.2	Peak	Horizontal
	11854.5	29.5	18.9	48.4	54.0	-5.6	Peak	Horizontal
	15662.5	27.5	21.4	48.9	54.0	-5.1	Peak	Horizontal
*	8811.5	33.8	13.9	47.7	68.2	-20.5	Peak	Vertical
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Vertical
	12169.0	30.6	18.6	49.2	54.0	-4.8	Peak	Vertical
	15790.0	27.6	20.9	48.5	54.0	-5.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.0	12.4	46.4	54.0	-7.6	Peak	Horizontal
	8216.5	33.2	13.0	46.2	54.0	-7.8	Peak	Horizontal
*	8811.5	34.5	13.9	48.4	68.2	-19.8	Peak	Horizontal
*	10205.5	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7698.0	35.7	12.8	48.5	54.0	-5.5	Peak	Vertical
	8352.5	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	8794.5	34.1	13.9	48.0	68.2	-20.2	Peak	Vertical
*	10078.0	33.0	16.1	49.1	68.2	-19.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.5	12.4	45.9	54.0	-8.1	Peak	Horizontal
	8386.5	32.7	13.1	45.8	54.0	-8.2	Peak	Horizontal
*	9695.5	34.0	15.1	49.1	68.2	-19.1	Peak	Horizontal
*	9993.0	33.0	15.7	48.7	68.2	-19.5	Peak	Horizontal
	7468.5	34.5	12.6	47.1	54.0	-6.9	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Vertical
*	9925.0	32.9	15.6	48.5	68.2	-19.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.5	12.7	46.2	54.0	-7.8	Peak	Horizontal
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	8811.5	34.3	13.9	48.2	68.2	-20.0	Peak	Horizontal
*	9942.0	33.9	15.6	49.5	68.2	-18.7	Peak	Horizontal
	7494.0	34.5	12.7	47.2	54.0	-6.8	Peak	Vertical
	8403.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	8854.0	33.7	14.0	47.7	68.2	-20.5	Peak	Vertical
*	10154.5	33.6	16.4	50.0	68.2	-18.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8225.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9882.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	10503.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7604.5	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8395.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9678.5	34.7	15.0	49.7	68.2	-18.5	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7392.0	33.7	12.4	46.1	54.0	-7.9	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9797.5	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
*	10486.0	33.1	17.9	51.0	68.2	-17.2	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10324.5	32.3	17.2	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7587.5	32.1	12.8	44.9	54.0	-9.1	Peak	Horizontal
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9993.0	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
*	10409.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7579.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8174.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.9	17.7	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9738.0	33.7	15.2	48.9	68.2	-19.3	Peak	Horizontal
*	10392.5	32.5	17.5	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8199.5	32.8	13.0	45.8	54.0	-8.2	Peak	Vertical
*	9814.5	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
*	10418.0	31.8	17.6	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
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
	7528.0	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8429.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Horizontal
	7434.5	35.1	12.5	47.6	54.0	-6.4	Peak	Vertical
	8157.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
*	10443.5	31.8	17.7	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7570.5	34.2	12.7	46.9	54.0	-7.1	Peak	Horizontal
	8352.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9636.0	33.9	14.9	48.8	68.2	-19.4	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9797.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10307.5	32.5	17.1	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7528.0	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8131.5	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	10001.5	33.7	15.8	49.5	68.2	-18.7	Peak	Vertical
*	10350.0	33.3	17.3	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.3	13.9	48.2	68.2	-20.0	Peak	Horizontal
*	10409.5	30.9	17.6	48.5	68.2	-19.7	Peak	Horizontal
	11820.5	30.1	19.0	49.1	54.0	-4.9	Peak	Horizontal
	15849.5	27.7	20.7	48.4	54.0	-5.6	Peak	Horizontal
*	8692.5	33.7	13.6	47.3	68.2	-20.9	Peak	Vertical
*	9899.5	33.1	15.5	48.6	68.2	-19.6	Peak	Vertical
	11888.5	29.6	18.9	48.5	54.0	-5.5	Peak	Vertical
	15858.0	27.4	20.7	48.1	54.0	-5.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	34.0	13.7	47.7	68.2	-20.5	Peak	Horizontal
*	10137.5	31.7	16.4	48.1	68.2	-20.1	Peak	Horizontal
	12390.0	30.1	18.4	48.5	54.0	-5.5	Peak	Horizontal
	15909.0	27.8	20.5	48.3	54.0	-5.7	Peak	Horizontal
*	8905.0	34.6	14.1	48.7	68.2	-19.5	Peak	Vertical
*	9984.5	33.9	15.7	49.6	68.2	-18.6	Peak	Vertical
	11795.0	30.1	19.0	49.1	54.0	-4.9	Peak	Vertical
	15841.0	28.0	20.8	48.8	54.0	-5.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.5	13.9	48.4	68.2	-19.8	Peak	Horizontal
*	10078.0	32.4	16.1	48.5	68.2	-19.7	Peak	Horizontal
	12254.0	30.2	18.6	48.8	54.0	-5.2	Peak	Horizontal
	15773.0	28.3	21.0	49.3	54.0	-4.7	Peak	Horizontal
*	8743.5	32.8	13.8	46.6	68.2	-21.6	Peak	Vertical
*	10027.0	32.0	15.9	47.9	68.2	-20.3	Peak	Vertical
	12254.0	30.1	18.6	48.7	54.0	-5.3	Peak	Vertical
	15492.5	28.4	21.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	34.7	12.7	47.4	54.0	-6.6	Peak	Horizontal
	8327.0	35.1	13.1	48.2	54.0	-5.8	Peak	Horizontal
*	8692.5	34.4	13.6	48.0	68.2	-20.2	Peak	Horizontal
*	10214.0	32.0	16.7	48.7	68.2	-19.5	Peak	Horizontal
	7672.5	35.4	12.8	48.2	54.0	-5.8	Peak	Vertical
	8352.5	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9721.0	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10307.5	32.9	17.1	50.0	68.2	-18.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.6	12.7	45.3	54.0	-8.7	Peak	Horizontal
	8378.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9729.5	33.7	15.1	48.8	68.2	-19.4	Peak	Horizontal
*	10350.0	33.1	17.3	50.4	68.2	-17.8	Peak	Horizontal
	7366.5	34.0	12.3	46.3	54.0	-7.7	Peak	Vertical
	8301.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	8735.0	33.0	13.7	46.7	68.2	-21.5	Peak	Vertical
*	10265.0	33.2	16.9	50.1	68.2	-18.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7468.5	33.7	12.6	46.3	54.0	-7.7	Peak	Horizontal
	8191.0	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	10035.5	34.2	15.9	50.1	68.2	-18.1	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7545.0	32.4	12.7	45.1	54.0	-8.9	Peak	Vertical
	8446.0	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9670.0	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7528.0	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7536.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8352.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	9721.0	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	10409.5	32.3	17.6	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7570.5	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
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
	7417.5	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8276.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9814.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7596.0	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10418.0	33.2	17.6	50.8	68.2	-17.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7519.5	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8242.0	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10333.0	33.1	17.2	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	32.0	12.5	44.5	54.0	-9.5	Peak	Vertical
	8216.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9704.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10341.5	32.8	17.3	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7621.5	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8386.5	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9678.5	34.9	15.0	49.9	68.2	-18.3	Peak	Horizontal
*	10256.5	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	32.7	17.3	50.0	68.2	-18.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8590.5	33.6	13.4	47.0	68.2	-21.2	Peak	Horizontal
*	10069.5	34.1	16.1	50.2	68.2	-18.0	Peak	Horizontal
	11846.0	29.7	19.0	48.7	54.0	-5.3	Peak	Horizontal
	15849.5	27.8	20.7	48.5	54.0	-5.5	Peak	Horizontal
*	8718.0	32.2	13.7	45.9	68.2	-22.3	Peak	Vertical
*	9925.0	32.5	15.6	48.1	68.2	-20.1	Peak	Vertical
	11786.5	30.8	19.0	49.8	54.0	-4.2	Peak	Vertical
	15637.0	28.0	21.5	49.5	54.0	-4.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	32.4	13.6	46.0	68.2	-22.2	Peak	Horizontal
*	9993.0	32.3	15.7	48.0	68.2	-20.2	Peak	Horizontal
	11863.0	30.2	18.9	49.1	54.0	-4.9	Peak	Horizontal
	15849.5	28.3	20.7	49.0	54.0	-5.0	Peak	Horizontal
*	8667.0	32.9	13.6	46.5	68.2	-21.7	Peak	Vertical
*	10044.0	32.6	16.0	48.6	68.2	-19.6	Peak	Vertical
	11684.5	30.6	19.1	49.7	54.0	-4.3	Peak	Vertical
	15671.0	27.4	21.4	48.8	54.0	-5.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
	8310.0	34.2	13.1	47.3	74.0	-26.7	Peak	Horizontal
*	8718.0	32.7	13.7	46.4	68.2	-21.8	Peak	Horizontal
*	10265.0	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical
	8165.5	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical
*	8607.5	34.6	13.4	48.0	68.2	-20.2	Peak	Vertical
*	9967.5	34.8	15.7	50.5	68.2	-17.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
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
	7647.0	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9695.5	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7519.5	31.8	12.7	44.5	54.0	-9.5	Peak	Vertical
	8208.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9874.0	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
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
	7630.0	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8386.5	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9661.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10171.5	33.4	16.5	49.9	68.2	-18.3	Peak	Horizontal
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10222.5	33.1	16.7	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
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
	7502.5	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8386.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10333.0	32.3	17.2	49.5	68.2	-18.7	Peak	Horizontal
	7536.5	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9721.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10333.0	32.9	17.2	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	32.1	13.6	45.7	68.2	-22.5	Peak	Horizontal
*	9857.0	33.6	15.4	49.0	68.2	-19.2	Peak	Horizontal
	11234.0	30.1	19.2	49.3	54.0	-4.7	Peak	Horizontal
	15773.0	27.3	21.0	48.3	74.0	-25.7	Peak	Horizontal
*	8582.0	33.8	13.4	47.2	54.0	-6.8	Peak	Vertical
*	9729.5	33.0	15.1	48.1	68.2	-20.1	Peak	Vertical
	11072.5	31.6	19.1	50.7	54.0	-3.3	Peak	Vertical
	12432.5	30.7	18.4	49.1	54.0	-4.9	Peak	Vertical

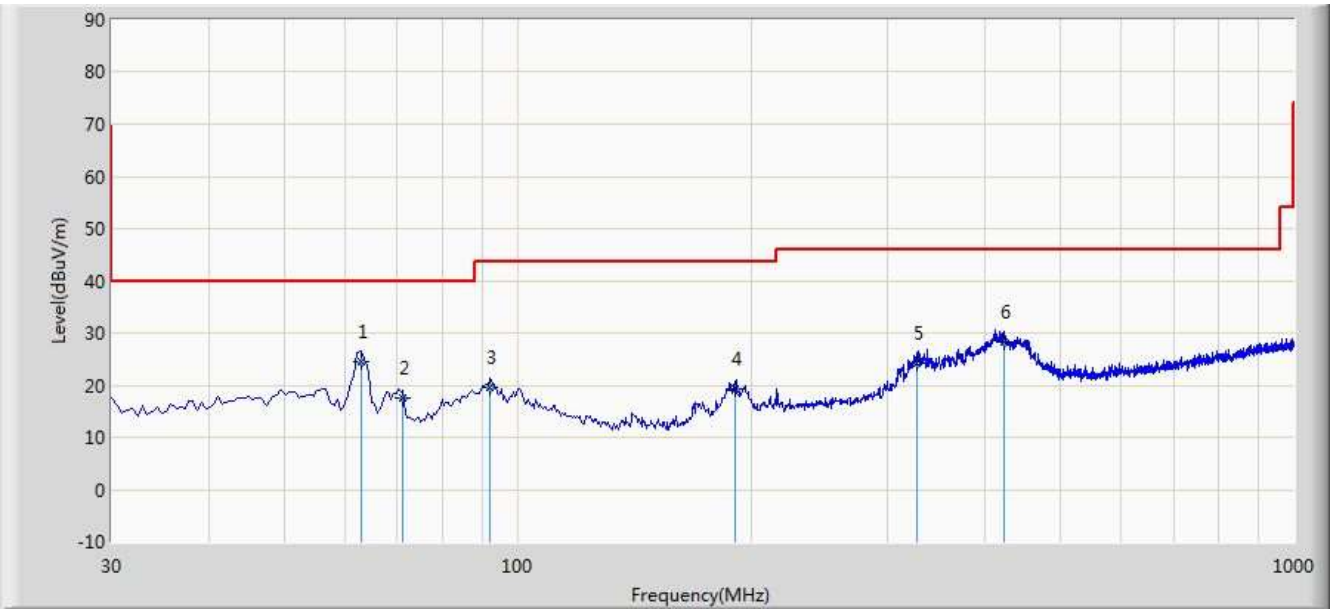
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 13:14
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



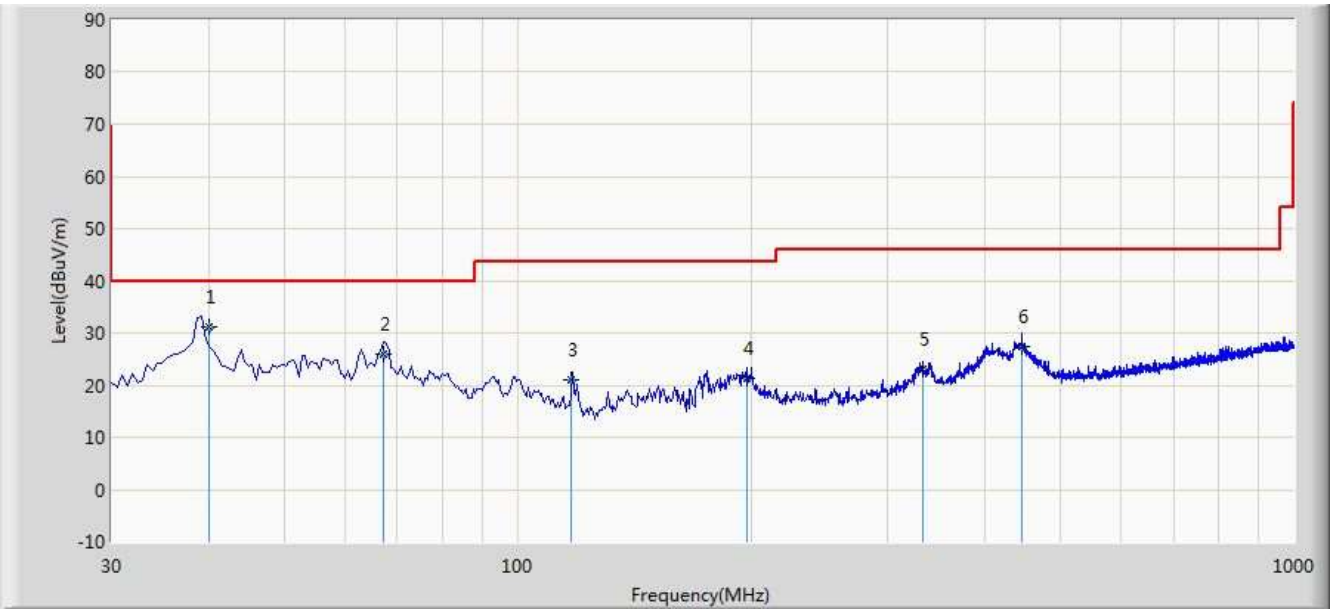
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	62.940	24.359	5.552	-15.641	40.000	18.807	QP
2			71.225	17.415	1.954	-22.585	40.000	15.460	QP
3			92.158	19.588	2.131	-23.912	43.500	17.457	QP
4			191.148	19.154	0.478	-24.346	43.500	18.676	QP
5			326.740	24.281	1.849	-21.719	46.000	22.432	QP
6			422.970	28.231	4.028	-17.769	46.000	24.203	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2019/07/13 - 13:16
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	39.980	31.265	10.547	-8.735	40.000	20.718	QP
2			67.290	25.826	8.950	-14.174	40.000	16.877	QP
3			117.487	21.020	2.756	-22.480	43.500	18.264	QP
4			197.540	21.432	2.414	-22.068	43.500	19.018	QP
5			332.540	22.986	0.330	-23.014	46.000	22.655	QP
6			446.714	27.524	3.069	-18.476	46.000	24.455	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

For APIN0504 - Directional Antenna (AP-ANT-28)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	33.4	12.3	45.7	54.0	-8.3	Peak	Horizontal
	8225.0	34.5	13.0	47.5	54.0	-6.5	Peak	Horizontal
*	8718.0	33.8	13.7	47.5	68.2	-20.7	Peak	Horizontal
*	9857.0	33.7	15.4	49.2	68.2	-19.0	Peak	Horizontal
	7502.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8327.0	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	8828.5	33.0	14.0	47.0	68.2	-21.2	Peak	Vertical
*	10069.5	32.7	16.1	48.8	68.2	-19.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	33.5	12.8	46.3	54.0	-7.7	Peak	Horizontal
	8233.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	8701.0	34.7	13.6	48.3	68.2	-19.9	Peak	Horizontal
*	9976.0	33.1	15.7	48.8	68.2	-19.4	Peak	Horizontal
	7443.0	33.7	12.6	46.2	54.0	-7.8	Peak	Vertical
	8276.0	33.1	13.1	46.1	54.0	-7.9	Peak	Vertical
*	8811.5	33.1	13.9	47.0	68.2	-21.2	Peak	Vertical
*	9925.0	32.6	15.6	48.2	68.2	-20.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	36.2	11.9	48.1	54.0	-5.9	Peak	Horizontal
	8250.5	35.3	12.3	47.5	54.0	-6.5	Peak	Horizontal
*	9874.0	33.3	16.1	49.4	68.2	-18.8	Peak	Horizontal
*	13002.0	32.6	17.8	50.4	68.2	-17.8	Peak	Horizontal
	7604.5	34.7	12.8	47.5	54.0	-6.5	Peak	Vertical
	8182.5	35.3	13.0	48.3	54.0	-5.7	Peak	Vertical
*	8709.5	34.5	13.7	48.1	68.2	-20.1	Peak	Vertical
*	9933.5	33.6	15.6	49.2	68.2	-19.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8327.0	33.8	13.1	46.9	54.0	-7.1	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10358.5	32.9	17.3	50.2	68.2	-18.0	Peak	Horizontal
	7400.5	33.8	12.4	46.2	54.0	-7.8	Peak	Vertical
	8488.5	33.9	13.2	47.1	54.0	-6.9	Peak	Vertical
*	9755.0	35.6	15.2	50.8	68.2	-17.4	Peak	Vertical
*	10290.5	33.4	17.0	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7375.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8386.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9593.5	34.3	14.8	49.1	68.2	-19.1	Peak	Horizontal
*	10528.5	32.8	18.0	50.8	68.2	-17.4	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8259.0	35.5	13.0	48.5	54.0	-5.5	Peak	Vertical
*	9780.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical
*	10214.0	34.2	16.7	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	32.8	12.8	45.6	54.0	-8.4	Peak	Horizontal
	8089.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9823.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
*	10520.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7485.5	33.2	12.7	45.9	54.0	-8.1	Peak	Vertical
	8378.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9704.0	34.5	15.1	49.6	68.2	-18.6	Peak	Vertical
*	10214.0	32.0	16.7	48.7	68.2	-19.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.8	12.6	46.4	54.0	-7.6	Peak	Horizontal
	8165.5	33.9	13.0	46.9	54.0	-7.1	Peak	Horizontal
*	9755.0	35.0	15.2	50.2	68.2	-18.0	Peak	Horizontal
*	10333.0	33.9	17.2	51.1	68.2	-17.1	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8454.5	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Vertical
*	10120.5	33.2	16.3	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	116
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
	7604.5	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8395.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10256.5	34.0	16.9	50.9	68.2	-17.3	Peak	Horizontal
	7672.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8497.0	34.5	13.2	47.7	54.0	-6.3	Peak	Vertical
*	9865.5	34.4	15.5	49.9	68.2	-18.3	Peak	Vertical
*	10290.5	34.1	17.0	51.1	68.2	-17.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7417.5	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	9746.5	34.9	15.2	50.1	68.2	-18.1	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8089.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	10001.5	34.0	15.8	49.8	68.2	-18.4	Peak	Vertical
*	10265.0	32.3	16.9	49.2	68.2	-19.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7638.5	32.7	12.8	45.5	54.0	-8.5	Peak	Horizontal
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Horizontal
*	9593.5	33.2	14.8	48.0	68.2	-20.2	Peak	Horizontal
*	10316.0	32.7	17.2	49.9	68.2	-18.3	Peak	Horizontal
	7443.0	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9585.0	34.2	14.8	49.0	68.2	-19.2	Peak	Vertical
*	10035.5	33.0	15.9	48.9	68.2	-19.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8539.5	34.1	13.3	47.4	68.2	-20.8	Peak	Horizontal
*	9993.0	33.6	15.7	49.3	68.2	-18.9	Peak	Horizontal
	11812.0	30.4	19.0	49.4	54.0	-4.6	Peak	Horizontal
	15807.0	27.6	20.9	48.5	54.0	-5.5	Peak	Horizontal
*	8811.5	34.7	13.9	48.6	68.2	-19.6	Peak	Vertical
*	9959.0	34.4	15.7	50.1	68.2	-18.1	Peak	Vertical
	11174.5	30.8	19.1	49.9	54.0	-4.1	Peak	Vertical
	15832.5	27.9	20.8	48.7	54.0	-5.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.7	13.7	47.4	68.2	-20.8	Peak	Horizontal
*	10214.0	33.9	16.7	50.6	68.2	-17.6	Peak	Horizontal
	11795.0	31.4	19.0	50.4	54.0	-3.6	Peak	Horizontal
	15773.0	28.0	21.0	49.0	54.0	-5.0	Peak	Horizontal
*	8735.0	34.3	13.7	48.0	68.2	-20.2	Peak	Vertical
*	9993.0	32.1	15.7	47.8	68.2	-20.4	Peak	Vertical
	12041.5	32.3	18.8	51.1	54.0	-2.9	Peak	Vertical
	15620.0	27.6	21.5	49.1	54.0	-4.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	35.5	13.6	49.1	68.2	-19.1	Peak	Horizontal
*	10103.5	34.4	16.2	50.6	68.2	-17.6	Peak	Horizontal
	12007.5	31.3	18.8	50.1	54.0	-3.9	Peak	Horizontal
	15832.5	27.8	20.8	48.6	54.0	-5.4	Peak	Horizontal
*	8658.5	34.6	13.5	48.2	68.2	-20.0	Peak	Vertical
*	10239.5	33.5	16.8	50.3	68.2	-17.9	Peak	Vertical
	12084.0	31.0	18.7	49.7	54.0	-4.3	Peak	Vertical
	15807.0	28.3	20.9	49.1	54.0	-4.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.8	12.8	45.6	54.0	-8.4	Peak	Horizontal
	8293.0	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	8709.5	34.1	13.7	47.7	68.2	-20.5	Peak	Horizontal
*	10018.5	33.1	15.8	48.9	68.2	-19.3	Peak	Horizontal
	7562.0	34.3	12.7	47.0	54.0	-7.0	Peak	Vertical
	8378.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	8820.0	34.0	13.9	47.9	68.2	-20.3	Peak	Vertical
*	10205.5	32.2	16.7	48.9	68.2	-19.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.3	12.7	46.0	54.0	-8.0	Peak	Horizontal
	8378.0	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	8879.5	33.1	14.1	47.2	68.2	-21.0	Peak	Horizontal
*	10035.5	33.0	15.9	48.9	68.2	-19.3	Peak	Horizontal
	7655.5	34.1	12.8	46.8	54.0	-7.2	Peak	Vertical
	8378.0	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	8811.5	33.7	13.9	47.6	68.2	-20.6	Peak	Vertical
*	9755.0	34.4	15.2	49.6	68.2	-18.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	33.7	12.7	46.4	54.0	-7.6	Peak	Horizontal
	8216.5	35.1	13.0	48.2	54.0	-5.8	Peak	Horizontal
*	9848.5	35.2	15.4	50.6	68.2	-17.6	Peak	Horizontal
*	10443.5	32.8	17.7	50.5	68.2	-17.7	Peak	Horizontal
	7468.5	34.5	12.6	47.1	54.0	-6.9	Peak	Vertical
	8301.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	8871.0	33.1	14.1	47.2	68.2	-21.0	Peak	Vertical
*	9942.0	33.2	15.6	48.9	68.2	-19.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7587.5	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9636.0	34.7	14.9	49.6	68.2	-18.6	Peak	Horizontal
*	10188.5	32.3	16.6	48.9	68.2	-19.3	Peak	Horizontal
	7604.5	33.0	12.8	45.8	54.0	-8.2	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9610.5	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10171.5	33.0	16.5	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7638.5	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10350.0	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8199.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9661.5	35.0	15.0	50.0	68.2	-18.2	Peak	Vertical
*	10035.5	32.9	15.9	48.8	68.2	-19.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10154.5	32.8	16.4	49.2	68.2	-19.0	Peak	Horizontal
	7341.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
	8131.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	10069.5	32.2	16.1	48.3	68.2	-19.9	Peak	Vertical
*	10256.5	31.2	16.9	48.1	68.2	-20.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7570.5	32.6	12.7	45.3	54.0	-8.7	Peak	Horizontal
	8165.5	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9559.5	34.9	14.8	49.7	68.2	-18.5	Peak	Horizontal
*	10401.0	33.1	17.5	50.6	68.2	-17.6	Peak	Horizontal
	7587.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8386.5	35.0	13.1	48.1	54.0	-5.9	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10120.5	33.0	16.3	49.3	68.2	-18.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	116
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
	7647.0	34.2	12.8	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9874.0	33.8	15.5	49.3	68.2	-18.9	Peak	Horizontal
*	10307.5	32.3	17.1	49.4	68.2	-18.8	Peak	Horizontal
	7409.0	33.0	12.5	45.5	54.0	-8.5	Peak	Vertical
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Vertical
*	9644.5	34.8	14.9	49.7	68.2	-18.5	Peak	Vertical
*	10120.5	33.8	16.3	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7528.0	33.8	12.7	46.5	54.0	-7.5	Peak	Horizontal
	8208.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7579.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8361.0	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9551.0	32.9	14.7	47.6	68.2	-20.6	Peak	Vertical
*	9942.0	33.0	15.6	48.6	68.2	-19.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7570.5	32.5	12.7	45.2	54.0	-8.8	Peak	Horizontal
	8131.5	33.9	13.0	46.9	54.0	-7.1	Peak	Horizontal
*	9857.0	33.1	15.4	48.5	68.2	-19.7	Peak	Horizontal
*	10214.0	33.7	16.7	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8293.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9899.5	34.0	15.5	49.5	68.2	-18.7	Peak	Vertical
*	10265.0	32.9	16.9	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	33.0	13.6	46.6	68.2	-21.6	Peak	Horizontal
*	10290.5	34.4	17.0	51.5	68.2	-16.7	Peak	Horizontal
	12220.0	30.7	18.6	49.3	54.0	-4.7	Peak	Horizontal
	15832.5	27.4	20.8	48.2	54.0	-5.8	Peak	Horizontal
*	8692.5	34.5	13.6	48.2	68.2	-20.0	Peak	Vertical
*	10384.0	34.3	17.5	51.7	68.2	-16.5	Peak	Vertical
	11795.0	31.7	19.0	50.7	54.0	-3.3	Peak	Vertical
	15773.0	28.3	21.0	49.3	54.0	-4.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	33.7	13.9	47.6	68.2	-20.6	Peak	Horizontal
*	10035.5	32.0	15.9	47.9	68.2	-20.3	Peak	Horizontal
	11718.5	30.4	19.1	49.4	54.0	-4.6	Peak	Horizontal
	15807.0	27.3	20.9	48.2	54.0	-5.8	Peak	Horizontal
*	8794.5	32.1	13.9	46.0	68.2	-22.2	Peak	Vertical
*	9959.0	32.7	15.7	48.3	68.2	-19.9	Peak	Vertical
	11846.0	29.4	19.0	48.3	54.0	-5.7	Peak	Vertical
	15849.5	27.7	20.7	48.4	54.0	-5.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	34.3	13.5	47.8	68.2	-20.4	Peak	Horizontal
*	9967.5	32.6	15.7	48.3	68.2	-19.9	Peak	Horizontal
	11948.0	31.2	18.9	50.0	54.0	-4.0	Peak	Horizontal
	15849.5	27.1	20.7	47.8	54.0	-6.2	Peak	Horizontal
*	8709.5	32.5	13.7	46.1	68.2	-22.1	Peak	Vertical
*	10035.5	33.0	15.9	48.9	68.2	-19.3	Peak	Vertical
	11846.0	31.1	19.0	50.0	54.0	-4.0	Peak	Vertical
	15909.0	27.9	20.5	48.4	54.0	-5.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	34.5	12.7	47.2	54.0	-6.8	Peak	Horizontal
	8259.0	34.7	13.0	47.8	54.0	-6.2	Peak	Horizontal
*	8701.0	34.5	13.6	48.2	68.2	-20.0	Peak	Horizontal
*	10069.5	33.5	16.1	49.6	68.2	-18.6	Peak	Horizontal
	7468.5	33.8	12.6	46.4	54.0	-7.6	Peak	Vertical
	8216.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	8845.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	9976.0	33.9	15.7	49.6	68.2	-18.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	33.7	12.6	46.2	54.0	-7.8	Peak	Horizontal
	8216.5	34.5	13.0	47.5	54.0	-6.5	Peak	Horizontal
*	8599.0	34.8	13.4	48.2	68.2	-20.0	Peak	Horizontal
*	10095.0	32.9	16.2	49.1	68.2	-19.1	Peak	Horizontal
	7477.0	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8301.5	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	8913.5	33.3	14.2	47.4	68.2	-20.8	Peak	Vertical
*	10265.0	32.6	16.9	49.5	68.2	-18.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7604.5	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8284.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9797.5	32.8	15.3	48.1	68.2	-20.1	Peak	Horizontal
*	10265.0	32.5	16.9	49.4	68.2	-18.8	Peak	Horizontal
	7698.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8165.5	33.7	13.0	46.7	54.0	-7.3	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10307.5	32.4	17.1	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7587.5	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9729.5	33.3	15.1	48.4	68.2	-19.8	Peak	Horizontal
*	10146.0	32.5	16.4	48.9	68.2	-19.3	Peak	Horizontal
	7570.5	32.0	12.7	44.7	54.0	-9.3	Peak	Vertical
	8276.0	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9857.0	33.6	15.4	49.0	68.2	-19.2	Peak	Vertical
*	10290.5	32.8	17.0	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7528.0	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8208.0	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	10078.0	31.2	16.1	47.3	68.2	-20.9	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7621.5	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8140.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9610.5	33.5	14.9	48.4	68.2	-19.8	Peak	Vertical
*	10265.0	32.4	16.9	49.3	68.2	-18.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
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
	7332.5	32.3	12.2	44.5	54.0	-9.5	Peak	Horizontal
	8386.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9789.0	33.8	15.3	49.1	68.2	-19.1	Peak	Horizontal
*	10443.5	31.6	17.7	49.3	68.2	-18.9	Peak	Horizontal
	7681.0	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9610.5	33.8	14.9	48.7	68.2	-19.5	Peak	Vertical
*	10282.0	32.5	17.0	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7655.5	32.8	12.8	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	35.0	14.9	49.9	68.2	-18.3	Peak	Horizontal
*	10120.5	33.8	16.3	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8437.5	33.9	13.1	47.0	54.0	-7.0	Peak	Vertical
*	9950.5	34.3	15.6	49.9	68.2	-18.3	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7638.5	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8242.0	32.6	13.0	45.6	54.0	-8.4	Peak	Horizontal
*	9593.5	33.0	14.8	47.8	68.2	-20.4	Peak	Horizontal
*	10265.0	31.8	16.9	48.7	68.2	-19.5	Peak	Horizontal
	7366.5	32.7	12.3	45.0	54.0	-9.0	Peak	Vertical
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Vertical
*	9848.5	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.1	17.7	48.8	68.2	-19.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	32.2	13.8	46.1	68.2	-22.1	Peak	Horizontal
*	9959.0	33.3	15.7	48.9	68.2	-19.3	Peak	Horizontal
	11948.0	31.7	18.9	50.5	54.0	-3.5	Peak	Horizontal
	15858.0	27.5	20.7	48.2	54.0	-5.8	Peak	Horizontal
*	8684.0	34.5	13.6	48.1	68.2	-20.1	Peak	Vertical
*	9772.0	33.1	15.2	48.3	68.2	-19.9	Peak	Vertical
	11735.5	30.7	19.0	49.7	54.0	-4.3	Peak	Vertical
	15764.5	27.7	21.0	48.8	54.0	-5.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
*	9942.0	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
	11582.5	31.1	19.2	50.3	54.0	-3.7	Peak	Horizontal
	15815.5	27.4	20.9	48.2	54.0	-5.8	Peak	Horizontal
*	8743.5	34.0	13.8	47.7	68.2	-20.5	Peak	Vertical
*	10078.0	32.4	16.1	48.5	68.2	-19.7	Peak	Vertical
	11514.5	30.9	19.2	50.2	54.0	-3.8	Peak	Vertical
	15858.0	27.4	20.7	48.1	54.0	-5.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.8	12.6	46.4	54.0	-7.6	Peak	Horizontal
	8412.0	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	8896.5	32.2	14.1	46.3	68.2	-21.9	Peak	Horizontal
*	10010.0	33.0	15.8	48.8	68.2	-19.4	Peak	Horizontal
	7375.0	33.6	12.4	46.0	54.0	-8.0	Peak	Vertical
	8293.0	32.4	13.1	45.4	54.0	-8.6	Peak	Vertical
*	8871.0	32.7	14.1	46.8	68.2	-21.4	Peak	Vertical
*	9874.0	34.7	15.5	50.2	68.2	-18.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
	7562.0	32.9	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9721.0	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10350.0	32.7	17.3	50.0	68.2	-18.2	Peak	Horizontal
	7426.0	35.5	12.5	48.0	54.0	-6.0	Peak	Vertical
	8412.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9729.5	33.5	15.1	48.6	68.2	-19.6	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
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
	7434.5	34.1	12.5	46.6	54.0	-7.4	Peak	Horizontal
	8463.0	32.1	13.1	45.2	54.0	-8.8	Peak	Horizontal
*	9576.5	32.4	14.8	47.2	68.2	-21.0	Peak	Horizontal
*	10316.0	31.7	17.2	48.9	68.2	-19.3	Peak	Horizontal
	7587.5	33.1	12.8	45.9	54.0	-8.1	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9678.5	33.4	15.0	48.4	68.2	-19.8	Peak	Vertical
*	10375.5	31.4	17.4	48.8	68.2	-19.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
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
	7706.5	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8174.0	33.2	13.0	46.2	54.0	-7.8	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10401.0	31.4	17.5	48.9	68.2	-19.3	Peak	Horizontal
	7341.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10214.0	33.5	16.7	50.2	68.2	-18.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	33.9	13.4	47.3	68.2	-20.9	Peak	Horizontal
*	10248.0	33.1	16.9	49.9	68.2	-18.3	Peak	Horizontal
	11795.0	30.8	19.0	49.8	54.0	-4.2	Peak	Horizontal
	15790.0	27.1	20.9	48.0	54.0	-6.0	Peak	Horizontal
*	8658.5	33.0	13.5	46.5	68.2	-21.7	Peak	Vertical
*	10103.5	32.0	16.2	48.2	68.2	-20.0	Peak	Vertical
	11684.5	32.4	19.1	51.5	54.0	-2.5	Peak	Vertical
	15858.0	28.0	20.7	48.7	54.0	-5.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	33.5	12.7	46.3	54.0	-7.7	Peak	Horizontal
	8293.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	8709.5	32.7	13.7	46.3	68.2	-21.9	Peak	Horizontal
*	10350.0	32.2	17.3	49.5	68.2	-18.7	Peak	Horizontal
	7604.5	32.7	12.8	45.5	54.0	-8.5	Peak	Vertical
	8157.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9780.5	32.5	15.3	47.8	68.2	-20.4	Peak	Vertical
*	10443.5	31.0	17.7	48.7	68.2	-19.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	34.3	12.6	46.8	54.0	-7.2	Peak	Horizontal
	8191.0	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	8709.5	34.5	13.7	48.1	68.2	-20.1	Peak	Horizontal
*	9891.0	34.5	15.5	50.0	68.2	-18.2	Peak	Horizontal
	7468.5	34.3	12.6	46.9	54.0	-7.1	Peak	Vertical
	8378.0	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	8709.5	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
*	9933.5	32.7	15.6	48.3	68.2	-19.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	33.9	12.8	46.7	54.0	-7.3	Peak	Horizontal
	8225.0	34.1	13.0	47.1	54.0	-6.9	Peak	Horizontal
*	8777.5	34.3	13.8	48.2	68.2	-20.0	Peak	Horizontal
*	9976.0	32.8	15.7	48.5	68.2	-19.7	Peak	Horizontal
	7485.5	34.3	12.7	47.0	54.0	-7.0	Peak	Vertical
	8242.0	34.8	13.0	47.9	54.0	-6.1	Peak	Vertical
*	8845.5	33.8	14.0	47.8	68.2	-20.4	Peak	Vertical
*	10018.5	33.0	15.8	48.8	68.2	-19.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8327.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9823.0	34.6	15.4	50.0	68.2	-18.2	Peak	Horizontal
*	10273.5	33.4	17.0	50.4	68.2	-17.8	Peak	Horizontal
	7570.5	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9797.5	35.0	15.3	50.3	68.2	-17.9	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7502.5	34.5	12.7	47.2	54.0	-6.8	Peak	Horizontal
	8293.0	34.4	13.1	47.5	54.0	-6.5	Peak	Horizontal
*	9976.0	35.0	15.7	50.7	68.2	-17.5	Peak	Horizontal
*	10350.0	33.2	17.3	50.5	68.2	-17.7	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8165.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9848.5	34.0	15.4	49.4	68.2	-18.8	Peak	Vertical
*	10307.5	33.7	17.1	50.8	68.2	-17.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7298.5	32.5	12.1	44.6	54.0	-9.4	Peak	Horizontal
	8097.5	33.2	13.0	46.2	54.0	-7.8	Peak	Horizontal
*	9772.0	34.3	15.2	49.5	68.2	-18.7	Peak	Horizontal
*	10537.0	32.2	18.1	50.3	68.2	-17.9	Peak	Horizontal
	7613.0	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9636.0	33.4	14.9	48.3	68.2	-19.9	Peak	Vertical
*	10265.0	32.4	16.9	49.3	68.2	-18.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7332.5	32.3	12.2	44.5	54.0	-9.5	Peak	Horizontal
	8250.5	33.3	13.0	46.3	54.0	-7.7	Peak	Horizontal
*	9721.0	32.8	15.1	47.9	68.2	-20.3	Peak	Horizontal
*	10528.5	31.4	18.0	49.4	68.2	-18.8	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8165.5	33.1	13.0	46.1	54.0	-7.9	Peak	Vertical
*	10018.5	32.4	15.8	48.2	68.2	-20.0	Peak	Vertical
*	10222.5	32.4	16.7	49.1	68.2	-19.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
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
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8199.5	33.1	13.0	46.1	54.0	-7.9	Peak	Horizontal
*	9967.5	34.6	15.7	50.3	68.2	-17.9	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7468.5	34.2	12.6	46.8	54.0	-7.2	Peak	Vertical
	8174.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10350.0	33.2	17.3	50.5	68.2	-17.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7519.5	32.5	12.7	45.2	54.0	-8.8	Peak	Horizontal
	8310.0	33.2	13.1	46.3	54.0	-7.7	Peak	Horizontal
*	9823.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
*	10469.0	32.5	17.8	50.3	68.2	-17.9	Peak	Horizontal
	7324.0	34.6	12.2	46.8	54.0	-7.2	Peak	Vertical
	8191.0	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10197.0	32.7	16.6	49.3	68.2	-18.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7485.5	33.4	12.7	46.1	54.0	-7.9	Peak	Horizontal
	8378.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10265.0	32.3	16.9	49.2	68.2	-19.0	Peak	Horizontal
	7681.0	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	10044.0	34.2	16.0	50.2	68.2	-18.0	Peak	Vertical
*	10265.0	34.0	16.9	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	32.5	13.7	46.2	68.2	-22.0	Peak	Horizontal
*	9891.0	32.5	15.5	48.0	68.2	-20.2	Peak	Horizontal
	11786.5	30.5	19.0	49.5	54.0	-4.5	Peak	Horizontal
	15569.0	27.3	21.7	49.0	54.0	-5.0	Peak	Horizontal
*	8667.0	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
*	9899.5	33.4	15.5	48.9	68.2	-19.3	Peak	Vertical
	11837.5	30.1	19.0	49.0	54.0	-5.0	Peak	Vertical
	15662.5	27.4	21.4	48.7	54.0	-5.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	32.5	13.9	46.4	68.2	-21.8	Peak	Horizontal
*	10426.5	31.1	17.6	48.7	68.2	-19.5	Peak	Horizontal
	12415.5	30.1	18.4	48.5	54.0	-5.5	Peak	Horizontal
	14479.7	20.5	22.2	42.6	54.0	-11.4	Peak	Horizontal
*	14498.0	35.7	22.2	57.9	54.0	3.9	Peak	Vertical
*	8777.5	32.8	13.8	46.7	68.2	-21.5	Peak	Vertical
	9814.5	32.8	15.3	48.2	68.2	-20.0	Peak	Vertical
	11531.5	30.9	19.2	50.2	54.0	-3.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10265.0	31.1	16.9	48.0	68.2	-20.2	Peak	Horizontal
	11531.5	30.3	19.2	49.5	54.0	-4.5	Peak	Horizontal
	15841.0	27.2	20.8	48.0	54.0	-6.0	Peak	Horizontal
*	8701.0	33.4	13.6	47.0	68.2	-21.2	Peak	Vertical
*	10078.0	31.5	16.1	47.6	68.2	-20.6	Peak	Vertical
	11778.0	30.0	19.0	49.0	54.0	-5.0	Peak	Vertical
	16070.5	27.7	20.5	48.2	54.0	-5.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8216.5	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	8871.0	33.5	14.1	47.6	68.2	-20.6	Peak	Horizontal
*	10078.0	32.4	16.1	48.5	68.2	-19.7	Peak	Horizontal
	7409.0	34.6	12.5	47.1	54.0	-6.9	Peak	Vertical
	8293.0	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	8837.0	33.5	14.0	47.4	68.2	-20.8	Peak	Vertical
*	10154.5	33.9	16.4	50.4	68.2	-17.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.3	12.7	46.0	54.0	-8.0	Peak	Horizontal
	8250.5	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	8726.5	32.9	13.7	46.6	68.2	-21.6	Peak	Horizontal
*	10112.0	32.8	16.3	49.0	68.2	-19.2	Peak	Horizontal
	7468.5	34.4	12.6	47.1	54.0	-6.9	Peak	Vertical
	8318.5	34.0	13.1	47.1	54.0	-6.9	Peak	Vertical
*	8726.5	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	10120.5	32.2	16.3	48.5	68.2	-19.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7502.5	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8437.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7443.0	32.8	12.6	45.4	54.0	-8.6	Peak	Vertical
	8225.0	33.7	13.0	46.7	54.0	-7.3	Peak	Vertical
*	9721.0	34.0	15.1	49.1	68.2	-19.1	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7630.0	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9899.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7621.5	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8276.0	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9670.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10333.0	33.9	17.2	51.1	68.2	-17.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7570.5	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8267.5	33.2	13.1	46.3	54.0	-7.7	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7400.5	34.1	12.4	46.5	54.0	-7.5	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
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
	7502.5	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8420.5	34.1	13.1	47.2	54.0	-6.8	Peak	Horizontal
*	9687.0	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
*	10273.5	33.2	17.0	50.2	68.2	-18.0	Peak	Horizontal
	7485.5	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8318.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10265.0	33.8	16.9	50.7	68.2	-17.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7613.0	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8318.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	9950.5	34.6	15.6	50.2	68.2	-18.0	Peak	Horizontal
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Vertical
	8352.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9619.0	33.7	14.9	48.6	68.2	-19.6	Peak	Vertical
*	10350.0	32.6	17.3	49.9	68.2	-18.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7621.5	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8165.5	35.2	13.0	48.2	54.0	-5.8	Peak	Horizontal
*	9848.5	35.0	15.4	50.4	68.2	-17.8	Peak	Horizontal
*	10341.5	32.8	17.3	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9831.5	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	10282.0	33.7	17.0	50.7	68.2	-17.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7570.5	32.6	12.7	45.4	54.0	-8.6	Peak	Horizontal
*	8284.5	33.0	13.1	46.0	54.0	-8.0	Peak	Horizontal
	8828.5	34.8	14.0	48.8	68.2	-19.4	Peak	Horizontal
	9942.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	7528.0	35.4	12.7	48.1	54.0	-5.9	Peak	Vertical
*	8293.0	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
	8752.0	32.8	13.8	46.5	68.2	-21.7	Peak	Vertical
	9891.0	34.1	15.5	49.6	68.2	-18.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8565.0	33.3	13.3	46.6	68.2	-21.6	Peak	Horizontal
*	9789.0	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
	11812.0	29.8	19.0	48.8	54.0	-5.2	Peak	Horizontal
	15858.0	27.8	20.7	48.5	54.0	-5.5	Peak	Horizontal
*	8582.0	35.2	13.4	48.5	68.2	-19.7	Peak	Vertical
*	9712.5	32.1	15.1	47.2	68.2	-21.0	Peak	Vertical
	11778.0	29.8	19.0	48.8	54.0	-5.2	Peak	Vertical
	15849.5	27.5	20.7	48.2	54.0	-5.8	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/16
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.6	12.7	45.4	54.0	-8.6	Peak	Horizontal
	8284.5	33.0	13.1	46.0	54.0	-8.0	Peak	Horizontal
*	8828.5	34.8	14.0	48.8	68.2	-19.4	Peak	Horizontal
*	9942.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
	7528.0	35.4	12.7	48.1	54.0	-5.9	Peak	Vertical
	8293.0	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	8752.0	32.8	13.8	46.5	68.2	-21.7	Peak	Vertical
*	9891.0	34.1	15.5	49.6	68.2	-18.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
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
	7400.5	32.9	12.4	45.3	54.0	-8.7	Peak	Horizontal
	8429.0	34.8	13.1	47.9	54.0	-6.1	Peak	Horizontal
*	9644.5	35.5	14.9	50.4	68.2	-17.8	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7434.5	33.9	12.5	46.4	54.0	-7.6	Peak	Vertical
	8446.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9967.5	34.5	15.7	50.2	68.2	-18.0	Peak	Vertical
*	10265.0	32.9	16.9	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
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
	7630.0	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8165.5	33.6	13.0	46.6	54.0	-7.4	Peak	Horizontal
*	9899.5	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
*	10426.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7528.0	33.5	12.7	46.2	54.0	-7.8	Peak	Vertical
	8165.5	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	9619.0	35.6	14.9	50.5	68.2	-17.7	Peak	Vertical
*	10214.0	32.0	16.7	48.7	68.2	-19.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
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
	7604.5	32.4	12.8	45.2	54.0	-8.8	Peak	Horizontal
	8369.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9627.5	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10503.0	33.0	18.0	51.0	68.2	-17.2	Peak	Horizontal
	7681.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9797.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.6	13.7	47.3	68.2	-20.9	Peak	Horizontal
*	10095.0	31.9	16.2	48.1	68.2	-20.1	Peak	Horizontal
	12109.5	30.7	18.7	49.4	54.0	-4.6	Peak	Horizontal
	15832.5	27.5	20.8	48.3	54.0	-5.7	Peak	Horizontal
*	8624.5	32.5	13.5	45.9	68.2	-22.3	Peak	Vertical
*	10069.5	31.9	16.1	48.0	68.2	-20.2	Peak	Vertical
	12033.0	30.4	18.8	49.2	54.0	-4.8	Peak	Vertical
	15858.0	27.5	20.7	48.2	54.0	-5.8	Peak	Vertical

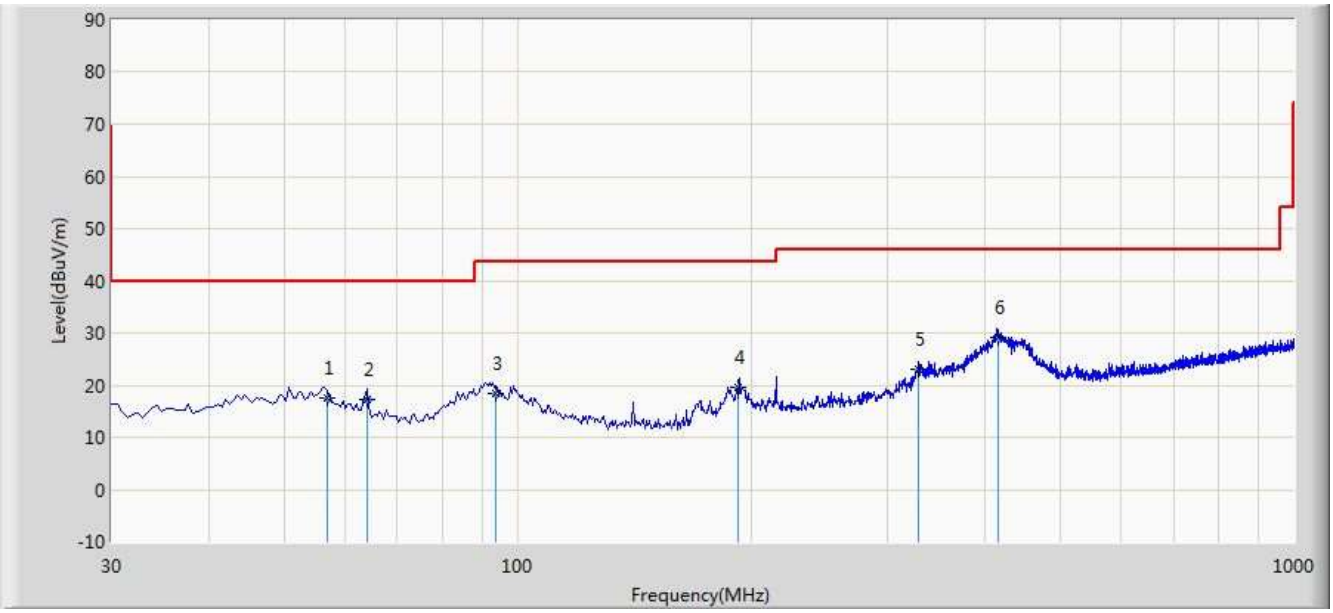
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 13:26
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



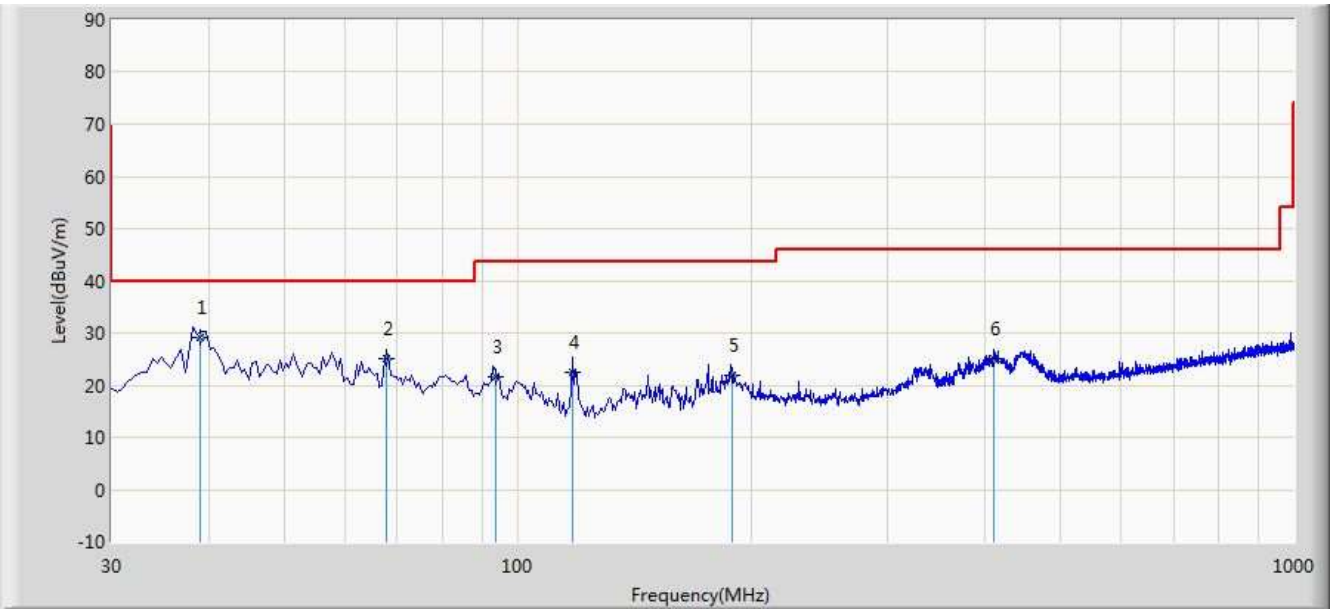
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			56.790	17.564	-3.105	-22.436	40.000	20.669	QP
2			63.950	17.376	-0.983	-22.624	40.000	18.359	QP
3			93.640	18.538	0.761	-24.962	43.500	17.777	QP
4			192.680	19.702	0.944	-23.798	43.500	18.758	QP
5		*	328.394	22.982	0.487	-23.018	46.000	22.495	QP
6			415.700	29.217	5.091	-16.783	46.000	24.125	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2019/07/13 - 13:30
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	38.940	29.078	8.708	-10.922	40.000	20.371	QP
2			67.890	25.059	8.449	-14.941	40.000	16.610	QP
3			93.598	21.487	3.719	-22.013	43.500	17.768	QP
4			117.970	22.594	4.391	-20.906	43.500	18.203	QP
5			188.940	21.882	3.440	-21.618	43.500	18.442	QP
6			410.590	25.179	1.107	-20.821	46.000	24.072	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

For APIN0505:

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10877.0	33.4	18.8	52.2	54.0	-1.8	Peak	Horizontal
	11302.0	33.0	19.2	52.2	54.0	-1.8	Peak	Horizontal
*	8692.5	33.2	13.6	46.8	68.2	-21.4	Peak	Horizontal
*	10163.0	34.5	16.5	51.0	68.2	-17.2	Peak	Horizontal
	11072.5	32.3	19.1	51.4	54.0	-2.6	Peak	Vertical
	11982.0	32.4	18.8	51.2	54.0	-2.8	Peak	Vertical
*	8543.5	33.7	13.8	47.5	68.2	-20.7	Peak	Vertical
*	9840.0	34.6	15.4	50.0	68.2	-18.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11013.0	32.3	19.1	51.4	54.0	-2.6	Peak	Horizontal
	11676.0	32.1	19.1	51.2	54.0	-2.8	Peak	Horizontal
*	8616.0	33.1	13.4	46.5	68.2	-21.7	Peak	Horizontal
*	10120.5	33.0	16.3	49.3	68.2	-18.9	Peak	Horizontal
	10541.0	32.3	18.5	50.8	54.0	-3.2	Peak	Vertical
	11353.0	32.3	19.2	51.5	54.0	-2.5	Peak	Vertical
*	8658.5	32.3	13.5	45.8	68.2	-22.4	Peak	Vertical
*	10078.0	31.9	16.1	48.0	68.2	-20.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11140.5	33.6	19.1	52.7	54.0	-1.3	Peak	Horizontal
	12016.0	32.4	18.8	51.2	54.0	-2.8	Peak	Horizontal
*	8854.0	33.0	14.0	47.0	68.2	-21.2	Peak	Horizontal
*	10018.5	32.6	15.8	48.4	68.2	-19.8	Peak	Horizontal
	10911.0	33.0	18.9	51.9	54.0	-2.1	Peak	Vertical
	11990.5	32.8	18.8	51.6	54.0	-2.4	Peak	Vertical
*	8752.0	31.5	13.8	45.3	68.2	-22.9	Peak	Vertical
*	9721.0	34.8	15.1	49.9	68.2	-18.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
*	9729.5	36.7	14.4	51.1	68.2	-17.1	Peak	Horizontal
*	10375.5	34.0	16.5	50.5	68.2	-17.7	Peak	Horizontal
	11514.5	34.5	18.0	52.5	54.0	-1.5	Peak	Horizontal
	12305.0	32.7	17.8	50.5	54.0	-3.5	Peak	Horizontal
*	8718.0	34.8	13.0	47.8	68.2	-20.4	Peak	Vertical
*	10197.0	34.0	15.9	49.9	68.2	-18.3	Peak	Vertical
	11183.0	33.2	17.4	50.6	54.0	-3.4	Peak	Vertical
	11795.0	32.3	17.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7443.0	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8276.0	35.0	13.1	48.1	54.0	-5.9	Peak	Horizontal
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10401.0	33.0	17.5	50.5	68.2	-17.7	Peak	Horizontal
	7647.0	34.6	12.8	47.4	54.0	-6.6	Peak	Vertical
	8327.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical
*	10443.5	32.9	17.7	50.6	68.2	-17.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7570.5	35.3	12.7	48.0	54.0	-6.0	7570.5	Horizontal
	8208.0	35.5	13.0	48.5	54.0	-5.5	8208.0	Horizontal
*	8811.5	34.4	13.9	48.3	68.2	-19.9	8811.5	Horizontal
*	10112.0	34.7	16.3	51.0	68.2	-17.2	10112.0	Horizontal
	7494.0	35.5	12.7	48.2	54.0	-5.8	7494.0	Vertical
	8318.5	34.5	13.1	47.6	54.0	-6.4	8318.5	Vertical
*	9763.5	33.2	15.2	48.4	68.2	-19.8	9763.5	Vertical
*	10316.0	32.7	17.2	49.9	68.2	-18.3	10316.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7494.0	35.5	12.7	48.2	54.0	-5.8	Peak	Horizontal
	8344.0	35.2	13.1	48.3	54.0	-5.7	Peak	Horizontal
*	10018.5	35.2	15.8	51.0	68.2	-17.2	Peak	Horizontal
*	10520.0	33.4	18.0	51.4	68.2	-16.8	Peak	Horizontal
	7451.5	35.4	12.6	48.0	54.0	-6.0	Peak	Vertical
	8301.5	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	8752.0	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
*	10171.5	33.2	16.5	49.7	68.2	-18.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	116
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
	7451.5	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8242.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8777.5	34.5	13.8	48.3	68.2	-19.9	Peak	Horizontal
*	9772.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	7358.0	35.8	12.3	48.1	54.0	-5.9	Peak	Vertical
	8276.0	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	8854.0	33.0	14.0	47.0	68.2	-21.2	Peak	Vertical
*	9916.5	33.6	15.6	49.2	68.2	-19.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7400.5	35.4	12.4	47.8	54.0	-6.2	Peak	Horizontal
	8395.0	34.9	13.1	48.0	54.0	-6.0	Peak	Horizontal
*	8794.5	33.7	13.9	47.6	68.2	-20.6	Peak	Horizontal
*	10129.0	34.2	16.3	50.5	68.2	-17.7	Peak	Horizontal
	7698.0	34.7	12.8	47.5	54.0	-6.5	Peak	Vertical
	8488.5	35.2	13.2	48.4	54.0	-5.6	Peak	Vertical
*	10103.5	33.5	16.2	49.7	68.2	-18.5	Peak	Vertical
*	10401.0	32.9	17.5	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7630.0	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	8701.0	35.2	13.6	48.8	68.2	-19.4	Peak	Horizontal
*	9891.0	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	7613.0	34.6	12.8	47.4	54.0	-6.6	Peak	Vertical
	8318.5	35.5	13.1	48.6	54.0	-5.4	Peak	Vertical
*	8735.0	33.8	13.7	47.5	68.2	-20.7	Peak	Vertical
*	9899.5	33.5	15.5	49.0	68.2	-19.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	34.9	12.3	47.2	54.0	-6.8	Peak	Horizontal
	8429.0	34.7	13.1	47.8	54.0	-6.2	Peak	Horizontal
*	8913.5	34.8	14.2	49.0	68.2	-19.2	Peak	Horizontal
*	9942.0	34.0	15.6	49.6	68.2	-18.6	Peak	Horizontal
	7434.5	36.4	12.5	48.9	54.0	-5.1	Peak	Vertical
	8395.0	35.1	13.1	48.2	54.0	-5.8	Peak	Vertical
*	9874.0	34.0	15.5	49.5	68.2	-18.7	Peak	Vertical
*	10367.0	32.6	17.4	50.0	68.2	-18.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	35.3	12.7	48.0	54.0	-6.0	Peak	Horizontal
	8242.0	34.6	13.0	47.6	54.0	-6.4	Peak	Horizontal
*	8879.5	34.0	14.1	48.1	68.2	-20.1	Peak	Horizontal
*	10231.0	33.7	16.8	50.5	68.2	-17.7	Peak	Horizontal
	7502.5	37.0	12.7	49.7	54.0	-4.3	Peak	Vertical
	8242.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Vertical
*	10222.5	33.0	16.7	49.7	68.2	-18.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	36.1	12.4	48.5	54.0	-5.5	Peak	Horizontal
	7655.5	33.9	12.8	46.7	54.0	-7.3	Peak	Horizontal
*	8658.5	33.6	13.5	47.1	68.2	-21.1	Peak	Horizontal
*	9857.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
	7502.5	35.8	12.7	48.5	54.0	-5.5	Peak	Vertical
	8276.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9942.0	34.0	15.6	49.6	68.2	-18.6	Peak	Vertical
*	10452.0	32.0	17.8	49.8	68.2	-18.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10928.0	31.2	18.9	50.1	54.0	-3.9	Peak	Horizontal
	11591.0	32.2	19.2	51.4	54.0	-2.6	Peak	Horizontal
*	8667.0	32.9	13.6	46.5	68.2	-21.7	Peak	Horizontal
*	9814.5	33.0	15.3	48.3	68.2	-19.9	Peak	Horizontal
	11055.5	32.3	19.1	51.4	54.0	-2.6	Peak	Vertical
	12092.5	31.7	18.7	50.4	54.0	-3.6	Peak	Vertical
*	8709.5	33.2	13.7	46.9	68.2	-21.3	Peak	Vertical
*	10010.0	33.7	15.8	49.5	68.2	-18.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11234.0	33.5	19.2	52.7	54.0	-1.3	Peak	Horizontal
	11395.5	33.1	19.2	52.3	54.0	-1.7	Peak	Horizontal
*	8854.0	33.6	14.0	47.6	68.2	-20.6	Peak	Horizontal
*	9967.5	34.0	15.7	49.7	68.2	-18.5	Peak	Horizontal
	11217.0	32.9	19.2	52.1	54.0	-1.9	Peak	Vertical
	12296.5	32.0	18.5	50.5	54.0	-3.5	Peak	Vertical
*	8543.5	32.4	13.8	46.2	68.2	-22.0	Peak	Vertical
*	9984.5	34.3	15.7	50.0	68.2	-18.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11030.0	32.8	19.1	51.9	54.0	-2.1	Peak	Horizontal
	11642.0	32.4	19.1	51.5	54.0	-2.5	Peak	Horizontal
*	8786.0	32.9	13.9	46.8	68.2	-21.4	Peak	Horizontal
*	9687.0	34.7	15.0	49.7	68.2	-18.5	Peak	Horizontal
	10970.5	33.3	19.0	52.3	54.0	-1.7	Peak	Vertical
	11429.5	33.1	19.2	52.3	54.0	-1.7	Peak	Vertical
*	8692.5	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
*	10171.5	34.4	16.5	50.9	68.2	-17.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7562.0	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9721.0	33.1	15.1	48.2	68.2	-20.0	Peak	Horizontal
*	10290.5	32.3	17.0	49.3	68.2	-18.9	Peak	Horizontal
	12041.5	30.5	18.8	49.3	54.0	-4.7	Peak	Vertical
	15773.0	31.1	21.0	52.1	54.0	-1.9	Peak	Vertical
*	8871.0	34.1	14.1	48.2	68.2	-20.0	Peak	Vertical
*	10069.5	31.7	16.1	47.8	68.2	-20.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7528.0	34.1	12.7	46.8	54.0	-7.2	Peak	Horizontal
	8310.0	32.1	13.1	45.2	54.0	-8.8	Peak	Horizontal
*	9593.5	32.1	14.8	46.9	68.2	-21.3	Peak	Horizontal
*	10248.0	31.4	16.9	48.3	68.2	-19.9	Peak	Horizontal
	7383.5	34.4	12.4	46.8	54.0	-7.2	Peak	Vertical
	8361.0	32.1	13.1	45.2	54.0	-8.8	Peak	Vertical
*	9687.0	33.2	15.0	48.2	68.2	-20.0	Peak	Vertical
*	10197.0	32.3	16.6	48.9	68.2	-19.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7460.0	34.2	12.6	46.8	54.0	-7.2	Peak	Horizontal
	8327.0	32.4	13.1	45.5	54.0	-8.5	Peak	Horizontal
*	9704.0	32.3	15.1	47.4	68.2	-20.8	Peak	Horizontal
*	10273.5	32.0	17.0	49.0	68.2	-19.2	Peak	Horizontal
	7451.5	34.8	12.6	47.4	54.0	-6.6	Peak	Vertical
	8361.0	32.8	13.1	45.9	54.0	-8.1	Peak	Vertical
*	9814.5	32.2	15.3	47.5	68.2	-20.7	Peak	Vertical
*	10409.5	30.9	17.6	48.5	68.2	-19.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7485.5	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8403.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	10120.5	31.9	16.3	48.2	68.2	-20.0	Peak	Horizontal
*	13121.0	30.9	19.9	50.8	68.2	-17.4	Peak	Horizontal
	8199.5	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
	9075.0	32.8	14.4	47.2	54.0	-6.8	Peak	Vertical
*	9857.0	32.7	15.4	48.1	68.2	-20.1	Peak	Vertical
*	12942.5	31.8	19.4	51.2	68.2	-17.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	116
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
	7664.0	33.7	12.8	46.5	54.0	-7.5	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9882.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7613.0	34.2	12.8	47.0	54.0	-7.0	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9857.0	32.5	15.4	47.9	68.2	-20.3	Peak	Vertical
*	13002.0	29.0	19.5	48.5	68.2	-19.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	8140.0	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
	8420.5	33.3	13.1	46.4	54.0	-7.6	Peak	Horizontal
*	9738.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
*	13138.0	32.0	19.9	51.9	68.2	-16.3	Peak	Horizontal
	7494.0	34.4	12.7	47.1	54.0	-6.9	Peak	Vertical
	8318.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	8811.5	32.7	13.9	46.6	68.2	-21.6	Peak	Vertical
*	10222.5	32.4	16.7	49.1	68.2	-19.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7638.5	33.4	12.8	46.2	54.0	-7.8	Peak	Horizontal
	8386.5	32.2	13.1	45.3	54.0	-8.7	Peak	Horizontal
*	9891.0	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	12985.0	31.6	19.5	51.1	68.2	-17.1	Peak	Horizontal
	7485.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8344.0	35.5	13.1	48.6	54.0	-5.4	Peak	Vertical
*	9763.5	35.3	15.2	50.5	68.2	-17.7	Peak	Vertical
*	13019.0	33.0	19.6	52.6	68.2	-15.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	33.8	12.7	46.5	54.0	-7.5	Peak	Horizontal
	8429.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	8888.0	33.4	14.1	47.5	68.2	-20.7	Peak	Horizontal
*	10341.5	31.1	17.3	48.4	68.2	-19.8	Peak	Horizontal
	7341.0	34.5	12.3	46.8	54.0	-7.2	Peak	Vertical
	8369.5	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	10503.0	31.6	18.0	49.6	68.2	-18.6	Peak	Vertical
*	13010.5	30.3	19.5	49.8	68.2	-18.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	34.6	12.4	47.0	54.0	-7.0	Peak	Horizontal
	8276.0	32.2	13.1	45.3	54.0	-8.7	Peak	Horizontal
*	9814.5	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
*	13070.0	30.3	19.7	50.0	68.2	-18.2	Peak	Horizontal
	7468.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	9092.0	32.5	14.4	46.9	54.0	-7.1	Peak	Vertical
*	10120.5	32.9	16.3	49.2	68.2	-19.0	Peak	Vertical
*	13129.5	30.2	19.9	50.1	68.2	-18.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8335.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9780.5	32.5	15.3	47.8	68.2	-20.4	Peak	Horizontal
*	13240.0	31.8	20.2	52.0	68.2	-16.2	Peak	Horizontal
	7655.5	33.4	12.8	46.2	54.0	-7.8	Peak	Vertical
	8216.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9942.0	32.2	15.6	47.8	68.2	-20.4	Peak	Vertical
*	13240.0	31.6	20.2	51.8	68.2	-16.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10919.5	33.3	18.9	52.2	54.0	-1.8	Peak	Horizontal
	11438.0	33.6	19.2	52.8	54.0	-1.2	Peak	Horizontal
*	8845.5	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
*	10120.5	32.5	16.3	48.8	68.2	-19.4	Peak	Horizontal
	10919.5	32.6	18.9	51.5	54.0	-2.5	Peak	Vertical
	11472.0	33.0	19.2	50.5	54.0	-3.5	Peak	Vertical
*	8718.0	33.8	13.7	47.5	68.2	-20.7	Peak	Vertical
*	10231.0	33.7	16.8	50.5	68.2	-17.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11157.5	33.0	19.1	52.1	54.0	-1.9	Peak	Horizontal
	11667.5	32.8	19.1	51.9	54.0	-2.1	Peak	Horizontal
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
*	9908.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
	10877.0	33.3	18.8	52.1	54.0	-1.9	Peak	Vertical
	11514.5	32.2	19.2	51.4	54.0	-2.6	Peak	Vertical
*	8862.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	10180.0	33.3	16.6	49.9	68.2	-18.3	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.8	12.4	46.2	54.0	-7.8	Peak	Horizontal
	8250.5	32.8	13.0	45.8	54.0	-8.2	Peak	Horizontal
*	10078.0	32.3	16.1	48.4	68.2	-19.8	Peak	Horizontal
*	10494.5	31.4	17.9	49.3	68.2	-18.9	Peak	Horizontal
	7366.5	34.7	12.3	47.0	54.0	-7.0	Peak	Vertical
	8429.0	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	10035.5	32.4	15.9	48.3	68.2	-19.9	Peak	Vertical
*	12959.5	31.5	19.4	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8250.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	10265.0	31.9	16.9	48.8	68.2	-19.4	Peak	Horizontal
*	12849.0	30.9	19.1	50.0	68.2	-18.2	Peak	Horizontal
	7434.5	33.3	12.5	45.8	54.0	-8.2	Peak	Vertical
	8259.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	10171.5	33.9	16.5	50.4	68.2	-17.8	Peak	Vertical
*	12908.5	32.2	19.3	51.5	68.2	-16.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	34.1	12.4	46.5	54.0	-7.5	Peak	Horizontal
	8131.5	34.1	13.0	47.1	54.0	-6.9	Peak	Horizontal
*	10027.0	35.2	15.9	51.1	68.2	-17.1	Peak	Horizontal
*	10350.0	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7400.5	34.6	12.4	47.0	54.0	-7.0	Peak	Vertical
	8369.5	34.0	13.1	47.1	54.0	-6.9	Peak	Vertical
*	9814.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.4	17.7	49.1	68.2	-19.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	33.7	12.3	46.0	54.0	-8.0	Peak	Horizontal
	8318.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9721.0	34.3	15.1	49.4	68.2	-18.8	Peak	Horizontal
*	13112.5	33.1	19.8	52.9	68.2	-15.3	Peak	Horizontal
	7502.5	32.7	12.7	45.4	54.0	-8.6	Peak	Vertical
	8429.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	13087.0	31.3	19.8	51.1	68.2	-17.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	33.5	12.7	46.2	54.0	-7.8	Peak	Horizontal
	8165.5	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	9814.5	35.0	15.3	50.3	68.2	-17.9	Peak	Horizontal
*	13044.5	30.9	19.6	50.5	68.2	-17.7	Peak	Horizontal
	7511.0	33.8	12.7	46.5	54.0	-7.5	Peak	Vertical
	8318.5	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9831.5	31.8	15.4	47.2	68.2	-21.0	Peak	Vertical
*	12968.0	31.0	19.4	50.4	68.2	-17.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.1	12.6	47.7	54.0	-6.3	Peak	Horizontal
	8276.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9721.0	33.7	15.1	48.8	68.2	-19.4	Peak	Horizontal
*	10299.0	31.3	17.1	48.4	68.2	-19.8	Peak	Horizontal
	7485.5	35.1	11.9	47.0	54.0	-7.0	Peak	Vertical
	8250.5	34.8	12.3	47.1	54.0	-6.9	Peak	Vertical
*	9678.5	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical
*	9993.0	33.3	16.1	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.7	12.7	46.4	54.0	-7.6	Peak	Horizontal
	8344.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	8811.5	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	9857.0	32.7	15.4	48.1	68.2	-20.1	Peak	Horizontal
	7400.5	34.7	12.4	47.1	54.0	-6.9	Peak	Vertical
	8395.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9882.5	35.0	15.5	50.5	68.2	-17.7	Peak	Vertical
*	10265.0	31.8	16.9	48.7	68.2	-19.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	34.2	12.6	46.8	54.0	-7.2	Peak	Horizontal
	8301.5	34.1	13.1	47.2	54.0	-6.8	Peak	Horizontal
*	9899.5	33.6	15.5	49.1	68.2	-19.1	Peak	Horizontal
*	13070.0	31.0	19.7	50.7	68.2	-17.5	Peak	Horizontal
	7392.0	35.2	12.4	47.6	54.0	-6.4	Peak	Vertical
	8208.0	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9738.0	32.7	15.2	47.9	68.2	-20.3	Peak	Vertical
*	12942.5	32.4	19.4	51.8	68.2	-16.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
	7468.5	33.2	12.6	45.8	54.0	-8.2	Peak	Horizontal
	8267.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	10163.0	34.0	16.5	50.5	68.2	-17.7	Peak	Horizontal
*	13129.5	31.6	19.9	51.5	68.2	-16.7	Peak	Horizontal
	7502.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8386.5	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	9746.5	34.8	15.2	50.0	68.2	-18.2	Peak	Vertical
*	12934.0	30.3	19.3	49.6	68.2	-18.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	33.2	12.3	45.5	54.0	-8.5	Peak	Horizontal
	7570.5	33.3	12.7	46.0	54.0	-8.0	Peak	Horizontal
*	8820.0	34.7	13.9	48.6	68.2	-19.6	Peak	Horizontal
*	9857.0	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	7579.0	34.9	12.8	47.7	54.0	-6.3	Peak	Vertical
	8318.5	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	9772.0	32.9	15.2	48.1	68.2	-20.1	Peak	Vertical
*	10350.0	32.7	17.3	50.0	68.2	-18.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8429.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9874.0	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
*	10409.5	32.7	17.6	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	34.6	12.5	47.1	54.0	-6.9	Peak	Vertical
	8327.0	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	8888.0	32.8	14.1	46.9	68.2	-21.3	Peak	Vertical
*	10324.5	33.1	17.2	50.3	68.2	-17.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11064.0	32.9	19.1	52.0	54.0	-2.0	Peak	Horizontal
	12067.0	31.8	18.8	50.6	54.0	-3.4	Peak	Horizontal
*	8769.0	32.9	13.8	46.7	68.2	-21.5	Peak	Horizontal
*	10341.5	33.9	17.3	51.2	68.2	-17.0	Peak	Horizontal
	11242.5	34.0	19.2	53.2	54.0	-0.8	Peak	Vertical
	11973.5	32.6	18.8	51.4	54.0	-2.6	Peak	Vertical
*	8735.0	32.8	13.7	46.5	68.2	-21.7	Peak	Vertical
*	9763.5	34.4	15.2	49.6	68.2	-18.6	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.9	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8352.5	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	9874.0	34.0	15.5	49.5	68.2	-18.7	Peak	Horizontal
*	10307.5	33.3	17.1	50.4	68.2	-17.8	Peak	Horizontal
	7349.5	34.7	12.3	47.0	54.0	-7.0	Peak	Vertical
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Vertical
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Vertical
*	10358.5	33.7	17.3	51.0	68.2	-17.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11319.0	33.3	19.2	52.5	54.0	-1.5	Peak	Horizontal
	11693.0	32.7	19.1	51.8	54.0	-2.2	Peak	Horizontal
*	8692.5	34.3	13.6	47.9	68.2	-20.3	Peak	Horizontal
*	10231.0	34.0	16.8	50.8	68.2	-17.4	Peak	Horizontal
	11047.0	32.3	19.1	51.4	54.0	-2.6	Peak	Vertical
	11710.0	32.0	19.1	51.1	54.0	-2.9	Peak	Vertical
*	8811.5	34.1	13.9	48.0	68.2	-20.2	Peak	Vertical
*	9729.5	34.4	15.1	49.5	68.2	-18.7	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10826.0	33.3	18.7	52.0	54.0	-2.0	Peak	Horizontal
	11361.5	33.0	19.2	52.2	54.0	-1.8	Peak	Horizontal
*	8905.0	33.9	14.1	48.0	68.2	-20.2	Peak	Horizontal
*	10044.0	33.5	16.0	49.5	68.2	-18.7	Peak	Horizontal
	11157.5	33.2	19.1	52.3	54.0	-1.7	Peak	Vertical
	12211.5	32.7	18.6	51.3	54.0	-2.7	Peak	Vertical
*	8735.0	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	10163.0	34.2	16.5	50.7	68.2	-17.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11276.5	33.2	19.2	52.4	54.0	-1.6	Peak	Horizontal
	12084.0	32.1	18.7	50.8	54.0	-3.2	Peak	Horizontal
*	8803.0	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
*	10435.0	33.4	17.7	51.1	68.2	-17.1	Peak	Horizontal
	10783.5	33.0	18.6	51.6	54.0	-2.4	Peak	Vertical
	11608.0	32.7	19.2	51.9	54.0	-2.1	Peak	Vertical
*	8854.0	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	10044.0	34.8	16.0	50.8	68.2	-17.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	35.2	12.5	47.7	54.0	-6.3	Peak	Horizontal
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	9882.5	35.0	15.5	50.5	68.2	-17.7	Peak	Horizontal
*	10367.0	34.2	17.4	51.6	68.2	-16.6	Peak	Horizontal
	11650.5	33.4	19.1	52.5	54.0	-1.5	Peak	Vertical
	15779.0	21.8	21.0	42.8	54.0	-11.2	Peak	Vertical
*	8811.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
*	9976.0	33.8	15.7	49.5	68.2	-18.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.3	12.7	46.0	54.0	-8.0	Peak	Horizontal
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9857.0	36.6	15.4	52.0	68.2	-16.2	Peak	Horizontal
*	13070.0	31.5	19.7	51.2	68.2	-17.0	Peak	Horizontal
	7392.0	35.0	12.4	47.4	54.0	-6.6	Peak	Vertical
	8250.5	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	9772.0	33.6	15.2	48.8	68.2	-19.4	Peak	Vertical
*	10554.0	33.7	18.1	51.8	68.2	-16.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	34.7	12.8	47.5	54.0	-6.5	Peak	Horizontal
	8250.5	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
*	10078.0	33.3	16.1	49.4	68.2	-18.8	Peak	Horizontal
*	10486.0	34.5	17.9	52.4	68.2	-15.8	Peak	Horizontal
	7502.5	33.2	12.7	45.9	54.0	-8.1	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	33.5	14.9	48.4	68.2	-19.8	Peak	Vertical
*	10171.5	33.3	16.5	49.8	68.2	-18.4	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.9	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9789.0	35.2	15.3	50.5	68.2	-17.7	Peak	Horizontal
*	10222.5	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7477.0	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8140.0	35.0	13.0	48.0	54.0	-6.0	Peak	Vertical
*	9704.0	35.2	15.1	50.3	68.2	-17.9	Peak	Vertical
*	10350.0	32.1	17.3	49.4	68.2	-18.8	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	35.0	12.4	47.4	54.0	-6.6	Peak	Horizontal
	8310.0	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9942.0	34.9	15.6	50.5	68.2	-17.7	Peak	Horizontal
*	10367.0	34.0	17.4	51.4	68.2	-16.8	Peak	Horizontal
	7366.5	35.3	12.3	47.6	54.0	-6.4	Peak	Vertical
	8242.0	34.9	13.0	47.9	54.0	-6.1	Peak	Vertical
*	10324.5	34.6	17.2	51.8	68.2	-16.4	Peak	Vertical
*	12874.5	32.9	19.2	52.1	68.2	-16.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	34.8	12.6	47.4	54.0	-6.6	Peak	Horizontal
	8267.5	33.8	13.1	46.9	54.0	-7.1	Peak	Horizontal
*	8692.5	33.7	13.6	47.3	68.2	-20.9	Peak	Horizontal
*	9899.5	33.9	15.5	49.4	68.2	-18.8	Peak	Horizontal
	7451.5	34.5	12.6	47.1	54.0	-6.9	Peak	Vertical
	8378.0	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	9899.5	33.4	15.5	48.9	68.2	-19.3	Peak	Vertical
*	10265.0	32.3	16.9	49.2	68.2	-19.0	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.0	12.7	46.7	54.0	-7.3	Peak	Horizontal
	8284.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	10086.5	31.8	16.1	47.9	68.2	-20.3	Peak	Horizontal
*	10350.0	33.4	17.3	50.7	68.2	-17.5	Peak	Horizontal
	7451.5	35.5	12.6	48.1	54.0	-5.9	Peak	Vertical
	8216.5	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9899.5	33.5	15.5	49.0	68.2	-19.2	Peak	Vertical
*	10494.5	32.1	17.9	50.0	68.2	-18.2	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7732.0	35.6	12.8	48.4	54.0	-5.6	Peak	Horizontal
	8497.0	34.6	13.2	47.8	54.0	-6.2	Peak	Horizontal
*	9704.0	32.9	15.1	48.0	68.2	-20.2	Peak	Horizontal
*	10401.0	32.6	17.5	50.1	68.2	-18.1	Peak	Horizontal
	7451.5	34.6	12.6	47.2	54.0	-6.8	Peak	Vertical
	8242.0	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9721.0	32.8	15.1	47.9	68.2	-20.3	Peak	Vertical
*	10273.5	32.1	17.0	49.1	68.2	-19.1	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	33.7	12.8	46.5	54.0	-7.5	Peak	Horizontal
	8412.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9729.5	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	10256.5	32.9	16.9	49.8	68.2	-18.4	Peak	Horizontal
	7443.0	33.8	12.6	46.4	54.0	-7.6	Peak	Vertical
	8284.5	34.4	13.1	47.5	54.0	-6.5	Peak	Vertical
*	9984.5	33.9	15.7	49.6	68.2	-18.6	Peak	Vertical
*	10350.0	31.7	17.3	49.0	68.2	-19.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	33.8	12.3	46.1	54.0	-7.9	Peak	Horizontal
	8284.5	34.8	13.1	47.9	54.0	-6.1	Peak	Horizontal
*	9831.5	33.5	15.4	48.9	68.2	-19.3	Peak	Horizontal
*	10350.0	31.7	17.3	49.0	68.2	-19.2	Peak	Horizontal
	7698.0	34.3	12.8	47.1	54.0	-6.9	Peak	Vertical
	8497.0	35.0	13.2	48.2	54.0	-5.8	Peak	Vertical
*	9814.5	33.9	15.3	49.2	68.2	-19.0	Peak	Vertical
*	10256.5	32.3	16.9	49.2	68.2	-19.0	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11276.5	32.2	19.2	51.4	54.0	-2.6	Peak	Horizontal
	12050.0	32.1	18.8	50.9	54.0	-3.1	Peak	Horizontal
*	8543.5	32.3	13.8	46.1	68.2	-22.1	Peak	Horizontal
*	10222.5	32.8	16.7	49.5	68.2	-18.7	Peak	Horizontal
	10851.5	31.9	18.7	50.6	54.0	-3.4	Peak	Vertical
	11421.0	32.9	19.2	52.1	54.0	-1.9	Peak	Vertical
*	8879.5	33.0	14.1	47.1	68.2	-21.1	Peak	Vertical
*	10027.0	33.9	15.9	49.8	68.2	-18.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10911.0	32.6	18.9	51.5	54.0	-2.5	Peak	Horizontal
	11982.0	33.0	18.8	51.8	54.0	-2.2	Peak	Horizontal
*	8828.5	33.1	14.0	47.1	68.2	-21.1	Peak	Horizontal
*	9857.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
	10834.5	33.3	18.7	52.0	54.0	-2.0	Peak	Vertical
	11710.0	32.7	19.1	51.8	54.0	-2.2	Peak	Vertical
*	8692.5	33.7	13.6	47.3	68.2	-20.9	Peak	Vertical
*	9942.0	34.7	15.6	50.3	68.2	-17.9	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8301.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10426.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7349.5	34.5	12.3	46.8	54.0	-7.2	Peak	Vertical
	8361.0	34.2	13.1	47.3	54.0	-6.7	Peak	Vertical
*	9857.0	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical
*	10367.0	31.1	17.4	48.5	68.2	-19.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.6	12.4	46.0	54.0	-8.0	Peak	Horizontal
	8429.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9823.0	33.9	15.4	49.3	68.2	-18.9	Peak	Horizontal
*	10265.0	33.1	16.9	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	34.5	12.7	47.2	54.0	-6.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	10001.5	33.1	15.8	48.9	68.2	-19.3	Peak	Vertical
*	10469.0	32.3	17.8	50.1	68.2	-18.1	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8259.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9840.0	35.7	15.4	51.1	68.2	-17.1	Peak	Horizontal
*	10239.5	33.5	16.8	50.3	68.2	-17.9	Peak	Horizontal
	7502.5	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8199.5	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9619.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10265.0	31.8	16.9	48.7	68.2	-19.5	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7298.5	35.2	12.1	47.3	54.0	-6.7	Peak	Horizontal
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Horizontal
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	10350.0	32.2	17.3	49.5	68.2	-18.7	Peak	Horizontal
	7409.0	34.1	12.5	46.6	54.0	-7.4	Peak	Vertical
	8284.5	33.9	13.1	47.0	54.0	-7.0	Peak	Vertical
*	9755.0	33.8	15.2	49.0	68.2	-19.2	Peak	Vertical
*	10401.0	31.4	17.5	48.9	68.2	-19.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	35.3	12.4	47.7	54.0	-6.3	Peak	Horizontal
	8191.0	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10409.5	32.1	17.6	49.7	68.2	-18.5	Peak	Horizontal
	7460.0	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8216.5	32.2	13.0	45.2	54.0	-8.8	Peak	Vertical
*	9806.0	34.3	15.3	49.6	68.2	-18.6	Peak	Vertical
*	10486.0	32.4	17.9	50.3	68.2	-17.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	34.9	12.4	47.3	54.0	-6.7	Peak	Horizontal
	8446.0	34.4	13.1	47.5	54.0	-6.5	Peak	Horizontal
*	9636.0	35.0	14.9	49.9	68.2	-18.3	Peak	Horizontal
*	10078.0	32.0	16.1	48.1	68.2	-20.1	Peak	Horizontal
	7400.5	34.3	12.4	46.7	54.0	-7.3	Peak	Vertical
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Vertical
*	9763.5	35.0	15.2	50.2	68.2	-18.0	Peak	Vertical
*	10367.0	33.5	17.4	50.9	68.2	-17.3	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.0	12.7	46.7	54.0	-7.3	Peak	Horizontal
	8361.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9899.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10307.5	32.3	17.1	49.4	68.2	-18.8	Peak	Horizontal
	7587.5	34.5	12.8	47.3	54.0	-6.7	Peak	Vertical
	8344.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9831.5	34.2	15.4	49.6	68.2	-18.6	Peak	Vertical
*	10341.5	33.7	17.3	51.0	68.2	-17.2	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/28
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	34.2	12.8	47.0	54.0	-7.0	Peak	Horizontal
	8233.5	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	10350.0	33.1	17.3	50.4	68.2	-17.8	Peak	Horizontal
*	13010.5	31.9	19.5	51.4	68.2	-16.8	Peak	Horizontal
	7630.0	34.3	12.8	47.1	54.0	-6.9	Peak	Vertical
	8140.0	35.7	13.0	48.7	54.0	-5.3	Peak	Vertical
*	9984.5	34.8	15.7	50.5	68.2	-17.7	Peak	Vertical
*	10341.5	32.5	17.3	49.8	68.2	-18.4	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/29
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10800.5	33.4	18.6	52.0	54.0	-2.0	Peak	Horizontal
	11659.0	32.9	19.1	52.0	54.0	-2.0	Peak	Horizontal
*	8871.0	33.3	14.1	47.4	68.2	-20.8	Peak	Horizontal
*	10052.5	34.7	16.0	50.7	68.2	-17.5	Peak	Horizontal
	10758.0	33.1	18.5	51.6	54.0	-2.4	Peak	Vertical
	11616.5	32.7	19.2	51.9	54.0	-2.1	Peak	Vertical
*	8692.5	34.4	13.6	48.0	68.2	-20.2	Peak	Vertical
*	9933.5	35.1	15.6	50.7	68.2	-17.5	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) - Pre_Amplifier Gain (dB)

Product	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	34.7	12.5	47.2	54.0	-6.8	Peak	Horizontal
	8242.0	34.6	13.0	47.6	54.0	-6.4	Peak	Horizontal
*	9755.0	36.0	15.2	51.2	68.2	-17.0	Peak	Horizontal
*	10375.5	33.6	17.4	51.0	68.2	-17.2	Peak	Horizontal
	7519.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8242.0	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9840.0	35.8	15.4	51.2	68.2	-17.0	Peak	Vertical
*	10503.0	33.6	18.0	51.6	68.2	-16.6	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	34.4	12.4	46.8	54.0	-7.2	Peak	Horizontal
	8174.0	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	9865.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10367.0	33.1	17.4	50.5	68.2	-17.7	Peak	Horizontal
	7451.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8174.0	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	10001.5	34.3	15.8	50.1	68.2	-18.1	Peak	Vertical
*	10511.5	33.5	18.0	51.5	68.2	-16.7	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	35.5	12.0	47.5	54.0	-6.5	Peak	Horizontal
	8259.0	35.9	12.2	48.1	54.0	-5.9	Peak	Horizontal
*	9653.0	34.8	15.3	50.1	68.2	-18.1	Peak	Horizontal
*	10316.0	34.2	16.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	34.3	12.7	47.0	54.0	-7.0	Peak	Vertical
	8250.5	34.5	13.0	47.5	54.0	-6.5	Peak	Vertical
*	9882.5	34.5	15.5	50.0	68.2	-18.2	Peak	Vertical
*	10401.0	33.8	17.5	51.3	68.2	-16.9	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	Aruba 500 接入點	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8276.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9729.5	34.2	15.1	49.3	68.2	-18.9	Peak	Horizontal
*	10231.0	33.7	16.8	50.5	68.2	-17.7	Peak	Horizontal
	7434.5	34.1	12.5	46.6	54.0	-7.4	Peak	Vertical
	8182.5	35.5	13.0	48.5	54.0	-5.5	Peak	Vertical
*	8922.0	34.9	14.2	49.1	68.2	-19.1	Peak	Vertical
*	9976.0	34.5	15.7	50.2	68.2	-18.0	Peak	Vertical

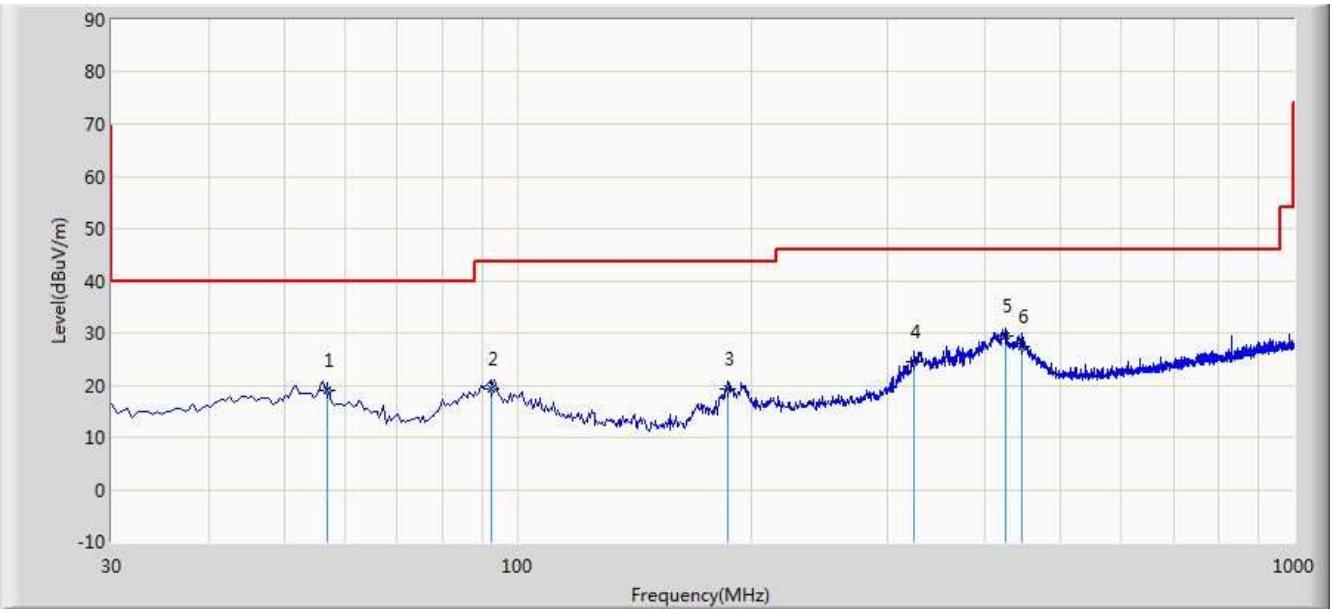
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 13:32
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			56.920	18.863	-1.783	-21.137	40.000	20.646	QP
2			92.598	19.238	1.686	-24.262	43.500	17.551	QP
3			187.000	19.210	1.086	-24.290	43.500	18.124	QP
4			324.650	24.520	2.169	-21.480	46.000	22.352	QP
5		*	424.540	29.560	5.340	-16.440	46.000	24.219	QP
6			446.840	27.517	3.060	-18.483	46.000	24.457	QP

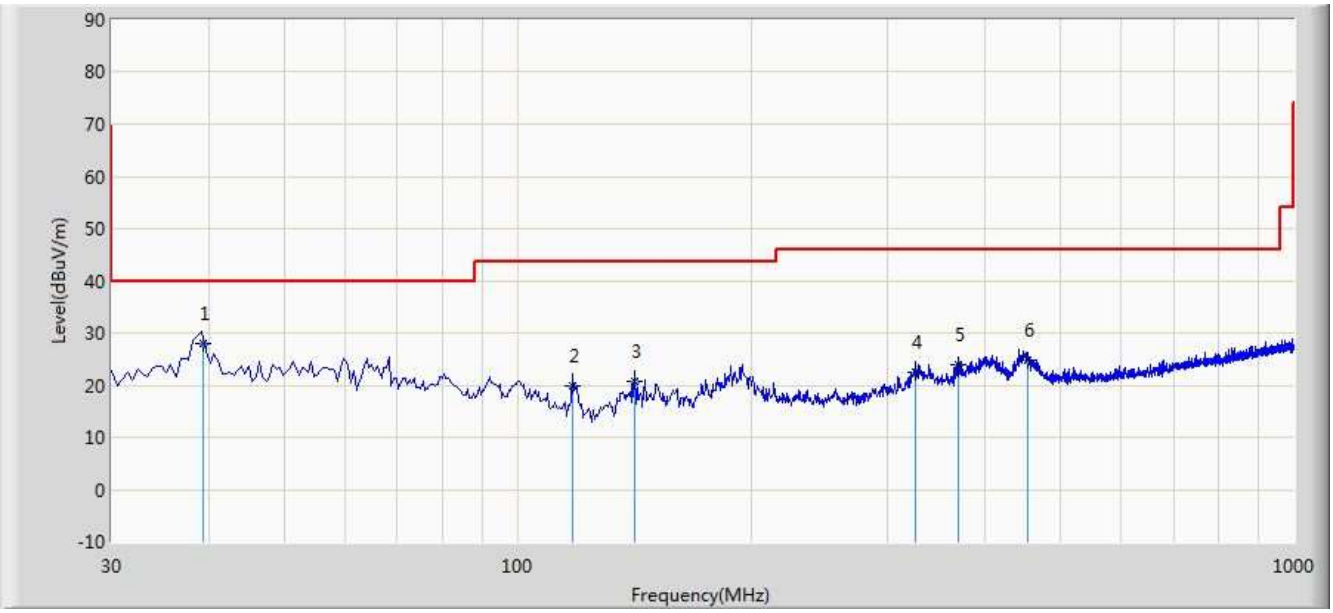
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Note 3: 經初測驗證過，1GHz 以下輻射干擾測試對測試頻道數並無差異，故僅檢附最差狀況之測試頻道。

Site: AC1	Time: 2019/07/13 - 13:36
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: Aruba 500 接入點	Power: AC 110V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			39.290	27.936	7.437	-12.064	40.000	20.499	QP
2		*	117.958	19.726	1.522	-23.774	43.500	18.205	QP
3			141.365	20.773	5.137	-22.727	43.500	15.636	QP
4			325.950	22.453	0.051	-23.547	46.000	22.402	QP
5			369.850	23.812	0.232	-22.188	46.000	23.581	QP
6			454.850	24.657	0.019	-21.343	46.000	24.639	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Note 3: 經初測驗證過，1GHz 以下輻射干擾測試對測試頻道數並無差異，故僅檢附最差狀況之測試頻道。

5.9. 發射功率控制

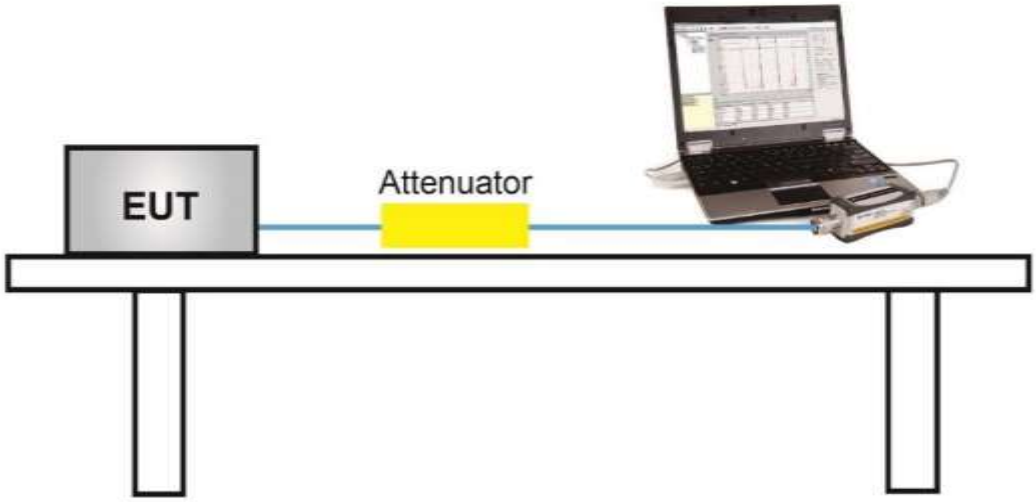
5.9.1. 適用標準

操作於5.250~5.350 及5.470~5.725 秭赫頻帶的設備，應具備發射功率控制機能。設備必須至少具有6dB 低於平均EIRP 值30dBm 的能力。

5.9.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，峰值發射功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制(如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等)調整得出正確之峰值量測或使用峰值功率表。

5.9.3. 測試架構圖



5.9.4. 發射功率控制測試結果

客戶宣稱支援設備具有 6dB 發射功率控制機能。

5.10. 頻率穩定性

5.10.1. 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 4.7.7 節
無線資訊傳輸設備的製造廠商應確保頻率穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

5.10.2. 量測方法

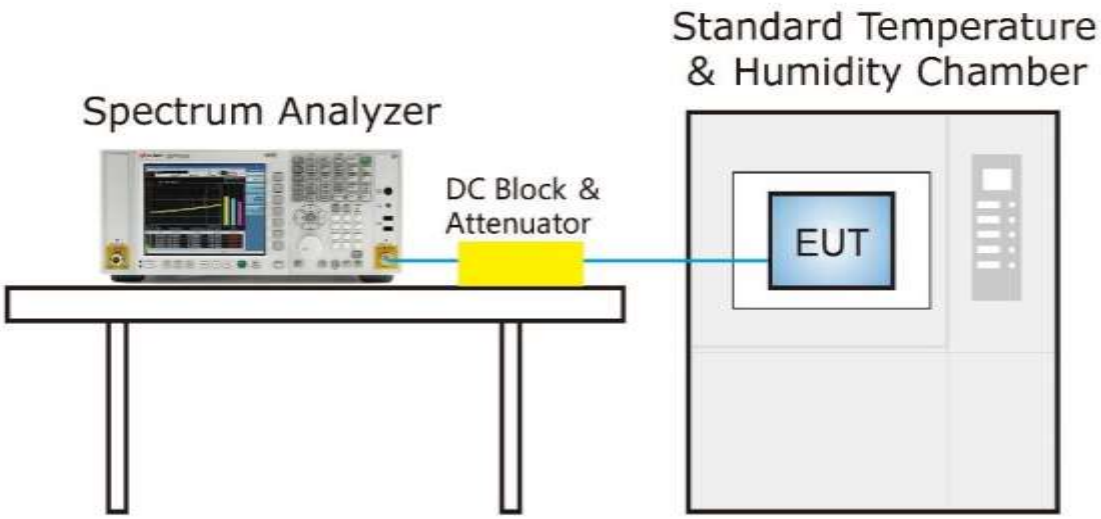
(一) 測量對溫度之頻率穩定性
1. 將未供電之受測物置於環境溫櫃中，供應受測物標稱之交流電源或使用全新或充電完全之電池。若可行，則將天線連接至受測物之天線輸出接頭。使用假性負載會影響受測物之輸出頻率。若受測物具備或使用長度可調整式之天線，應使其完全伸出。
2. 供應受測物標稱之交流電源或裝入全新或完全充電之電池於受測物。啟動受測物並耦合其輸出至計頻器或其他具足夠精度之頻率量測裝置，依受測物所必須符合的頻率差度衡量。
註：為達量測目的，可將測量天線近置於受測物（例如離 15cm）而以適當長度之同軸纜線連接至測量儀器。
諧調受測物至任何指定之頻率，調整測量天線之位置及測量儀器上之控制，以獲得合適之信號位準，以避免測量儀器過載而又有足夠強度測量受測物操作或主波頻率之位準。
3. 關閉受測物且置之於環境溫櫃中，設定至適用規範指定之最高溫度。對正常為持續操作之裝置，當置於溫櫃中時可使受測物運作。對具備震盪器加熱器之裝置，當置於溫櫃中時只可使加熱器線路運作。
4. 使溫櫃之溫度有足夠時間達到穩定，當溫櫃內維持在一定溫度時，啟動受測物，並於開始時、以及啟動後第 2 分鐘、第 5 分鐘與第 10 分鐘測量受測物之操作頻率，共作四次測量。
5. 若只有單一操作頻率須測量，請進行步驟(6)，否則關閉受測物且使其有足夠時間以回穩在環境溫度，將受測物連續設定於其他新增的操作頻率以重複步驟(4)。
6. 重複步驟(4)與(5) 但溫櫃設定至適用章節規定之最低溫度。在進行此測量之前須確定使溫櫃到達穩定。
(二) 測量對輸入電壓之頻率穩定性
1. 本測量可在環境室溫為+15 到+25˚C 範圍內進行，或者使用環境溫櫃設定為+20˚C 。若可能的話，則將天線連接至受測物之天線輸出接頭，以避免假性負載影響受測物之輸出頻率。若受測物具備或使用長度可調整式之天線，應使其完全伸出。
2. 供應受測物標稱之交流電源或使用全新或充電完全之電池。啟動受測物並耦合其輸出至計頻器或其他具足夠精度之頻率量測裝置，依受測物所必須符合的頻率差度衡量。
註：為達量測目的，可將測量天線近置於受測物（例如離 15cm）而以適當長度之同軸纜線連接至測量儀器。
3. 諧調受測物至任何規定之頻率，調整測量天線之位置及測量儀器上之控制以獲得合適之信號位準，以避免測量儀器過載而又有足夠強度測量受測物操作或主波頻率之位準。關閉受測物，而若有需要置之於環境溫櫃中，在繼續進行之前使溫櫃穩定在+20˚C，約須 30 分鐘。啟動受測物並於開始時、以及啟動後第 2 分鐘、第 5 分鐘與第 10 分鐘測量受測物之操作頻率，共作四次測量。
4. 若只有單一操作頻率須測量，請進行步驟(5)，否則關閉受測物且使其有足夠時間以回穩在環境溫度，

將受測物連續設定於其他新增的操作頻率以重複步驟(3)。

5. 若受測物由交流電力線供電，供應其 85%的標稱交流電壓並重複步驟(3)與(4)。若受測物由電池供電，供應其標稱最低工作電壓。

6. 若受測物由交流電力線電，供應其 115%的標稱交流電壓並重複步驟(3)與(4)。

5.10.3. 測試架構圖



5.10.4. 頻率穩定性測試結果

待測物名稱	Aruba 500 接入點	溫度	-30 ~ 50°C
測試日期	2019/06/16	濕度	48 ~ 55%RH
測試場地	SR1	測試工程師	Kevin Ker
測試模式	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100%	120	- 30	-5.41
		- 20	-5.53
		- 10	-5.54
		0	-5.55
		+ 10	-5.56
		+ 20 (Ref)	-5.57
		+ 30	-5.59
		+ 40	-5.60
		+ 50	-5.62
115%	138	+ 20	-5.66
85%	102	+ 20	-5.68

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10^6.

The End