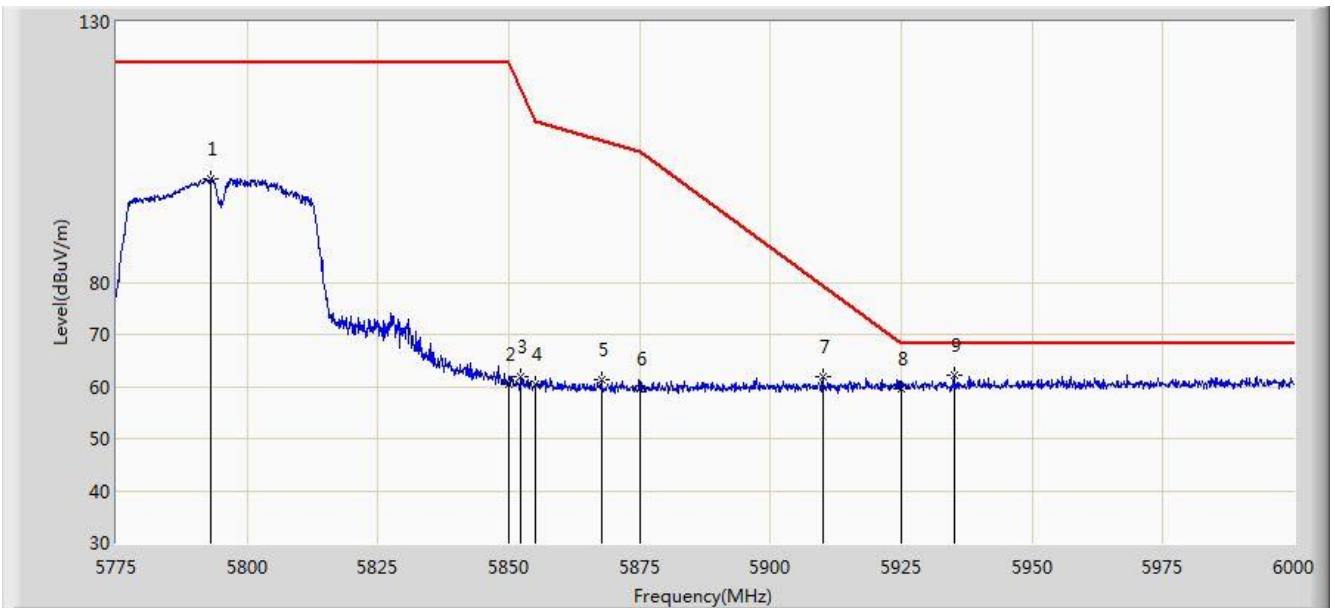


Site: AC1	Time: 2018/02/28 - 04:29
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

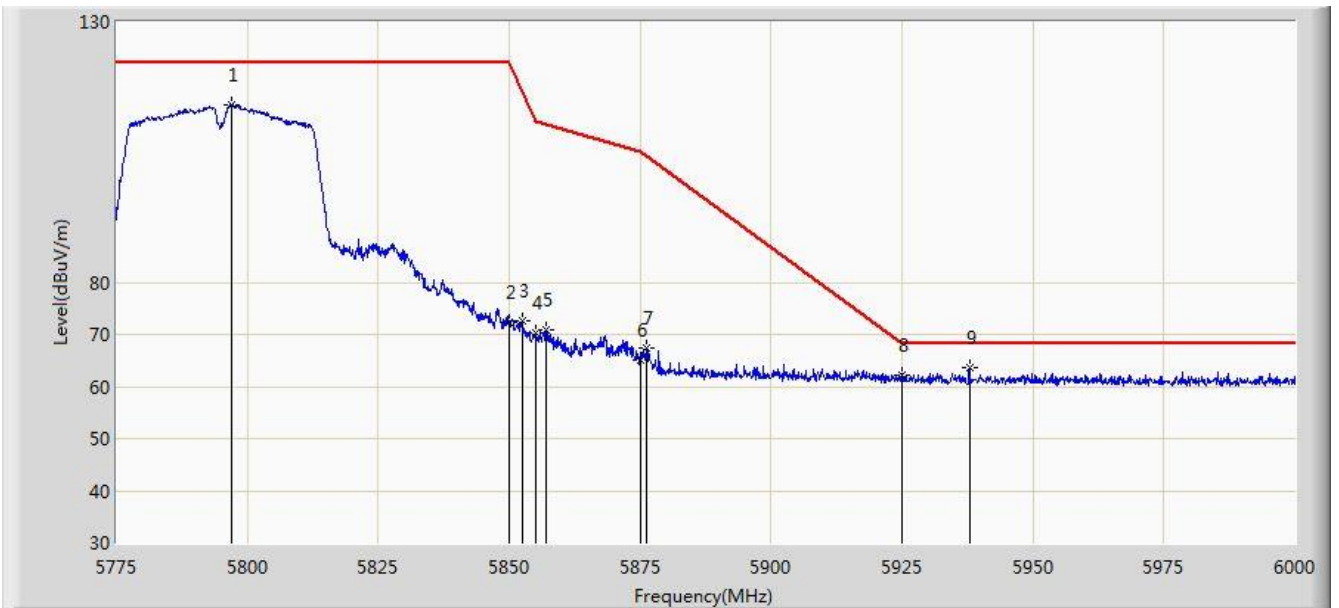


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5793.112	99.726	94.319	N/A	N/A	5.408	PK
2			5850.000	60.577	54.851	-61.623	122.200	5.726	PK
3			5852.288	61.928	56.193	-55.054	116.982	5.735	PK
4			5855.000	60.349	54.603	-50.451	110.800	5.746	PK
5			5867.700	61.342	55.547	-45.900	107.242	5.795	PK
6			5875.000	59.543	53.723	-45.657	105.200	5.820	PK
7			5910.000	61.883	55.954	-17.384	79.267	5.930	PK
8			5925.000	59.699	53.733	-8.501	68.200	5.967	PK
9		*	5935.087	62.171	56.179	-6.029	68.200	5.992	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:31
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

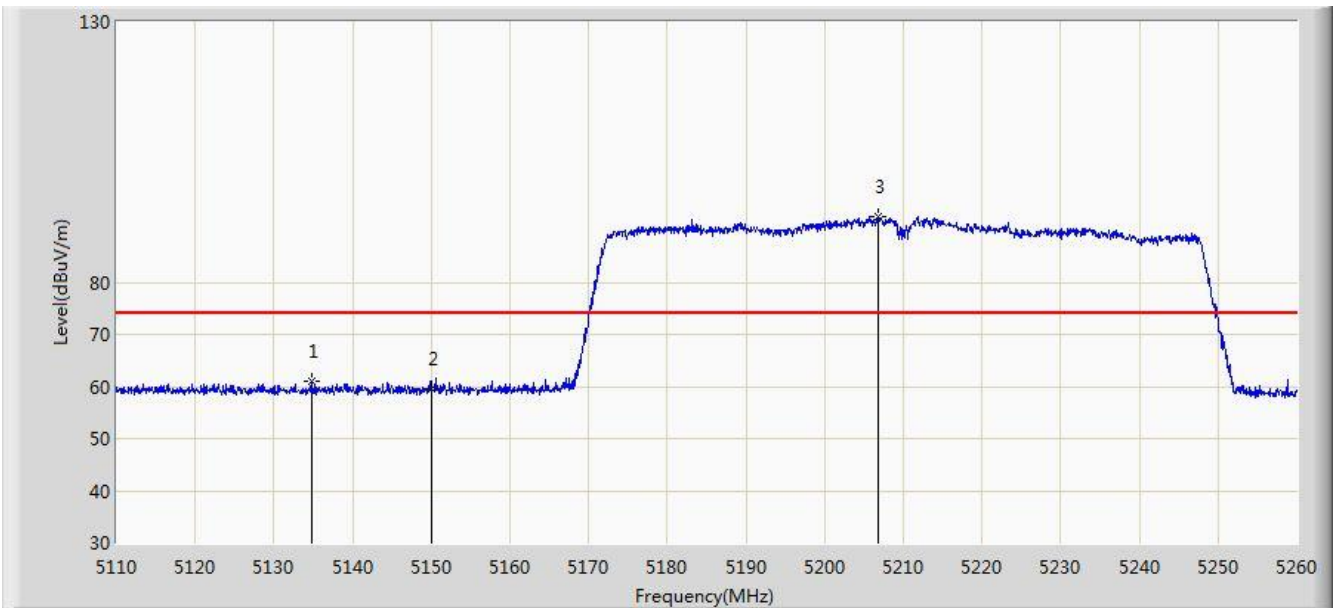


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5797.050	114.012	108.583	N/A	N/A	5.429	PK
2			5850.000	72.301	66.575	-49.899	122.200	5.726	PK
3			5852.400	72.515	66.780	-44.211	116.727	5.736	PK
4			5855.000	70.249	64.503	-40.551	110.800	5.746	PK
5			5857.013	70.877	65.122	-39.359	110.235	5.754	PK
6			5875.000	65.057	59.237	-40.143	105.200	5.820	PK
7			5876.138	67.405	61.581	-36.950	104.354	5.824	PK
8			5925.000	62.040	56.074	-6.160	68.200	5.967	PK
9		*	5937.900	63.533	57.535	-4.667	68.200	5.998	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

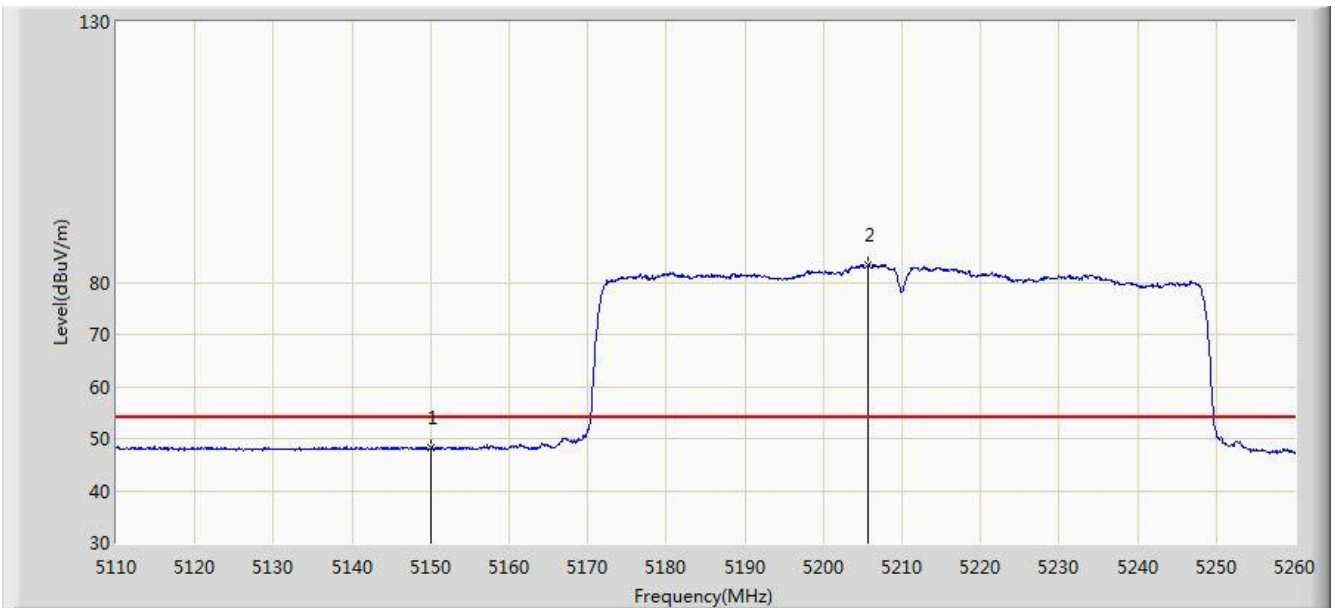


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.750	61.039	56.864	-12.961	74.000	4.175	PK
2			5150.000	59.473	55.304	-14.527	74.000	4.170	PK
3		*	5206.825	92.604	88.626	N/A	N/A	3.979	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

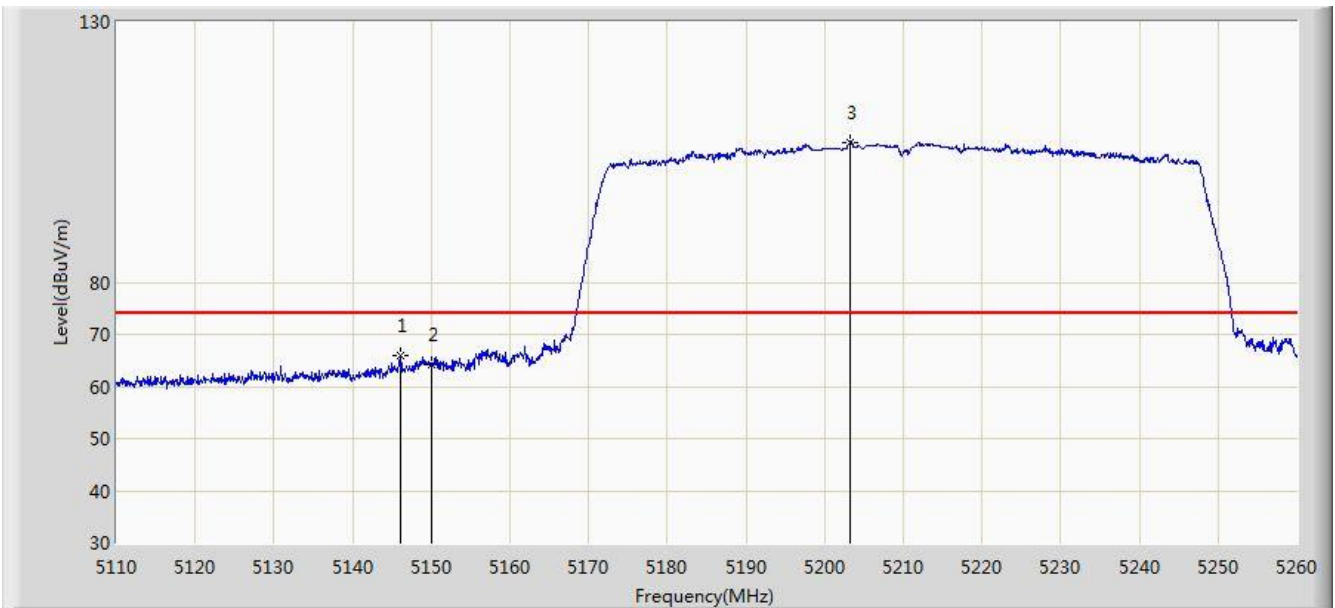


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.303	44.134	-5.697	54.000	4.170	AV
2		*	5205.700	83.448	79.467	N/A	N/A	3.981	AV

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

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

Site: AC1	Time: 2018/02/28 - 04:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

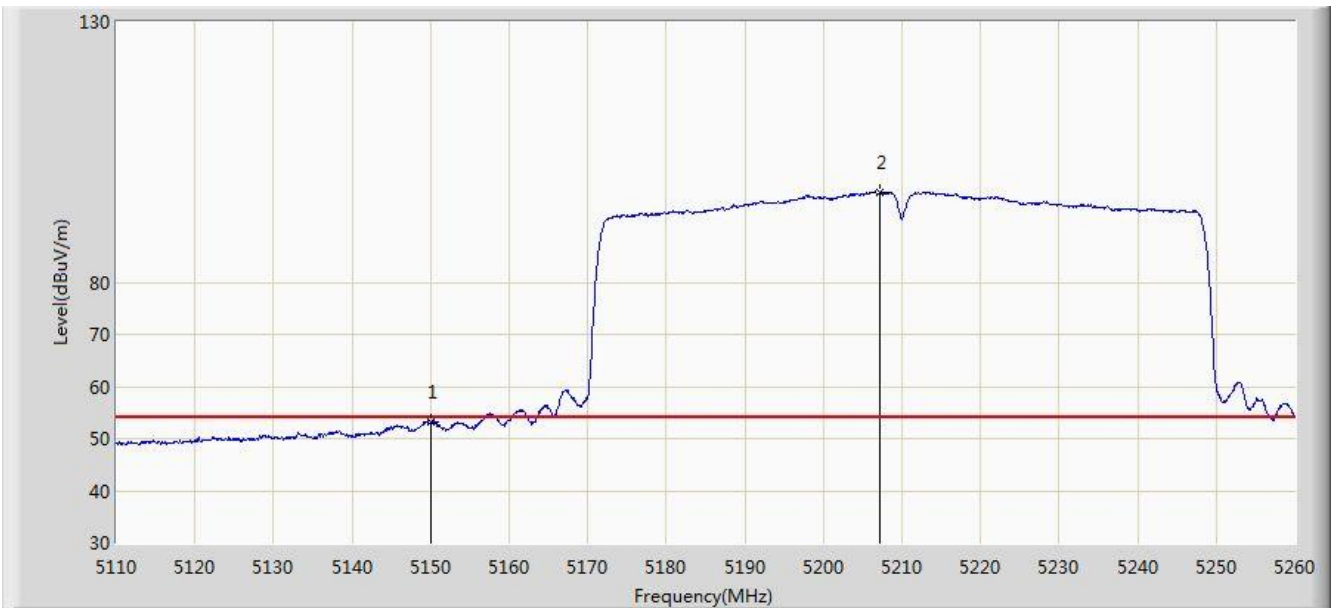


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.150	65.863	61.687	-8.137	74.000	4.175	PK
2			5150.000	64.211	60.042	-9.789	74.000	4.170	PK
3		*	5203.225	106.934	102.945	N/A	N/A	3.988	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

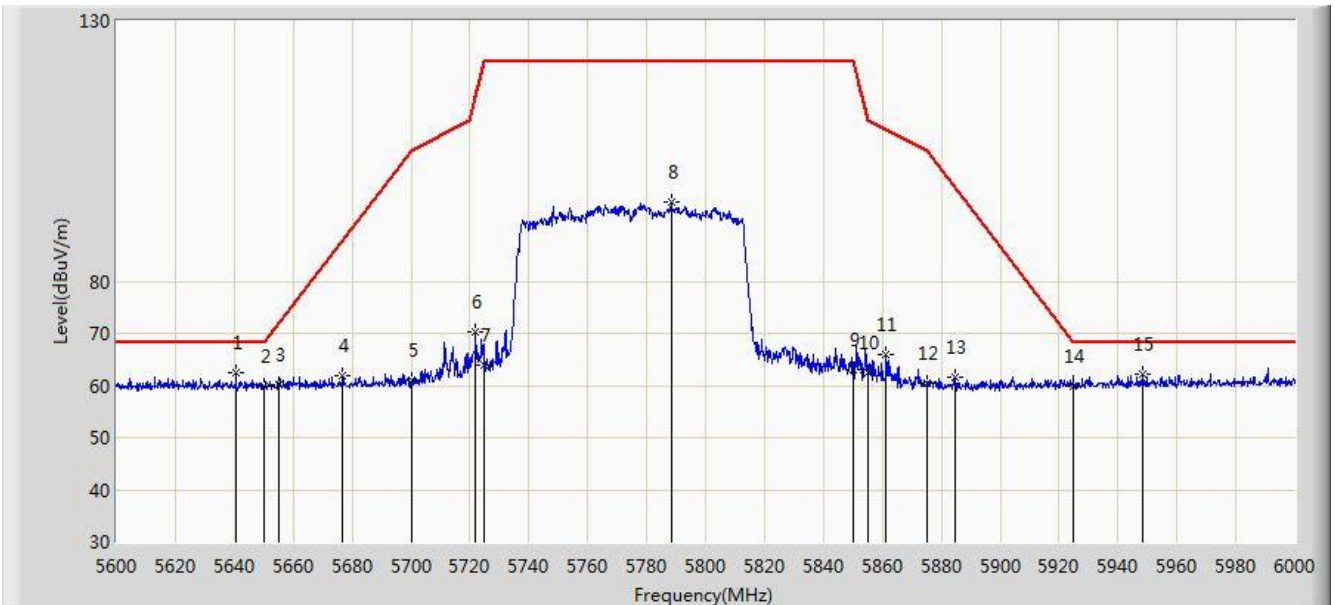


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.174	49.005	-0.826	54.000	4.170	AV
2		*	5207.125	97.320	93.343	N/A	N/A	3.977	AV

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

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

Site: AC1	Time: 2018/02/28 - 05:03
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

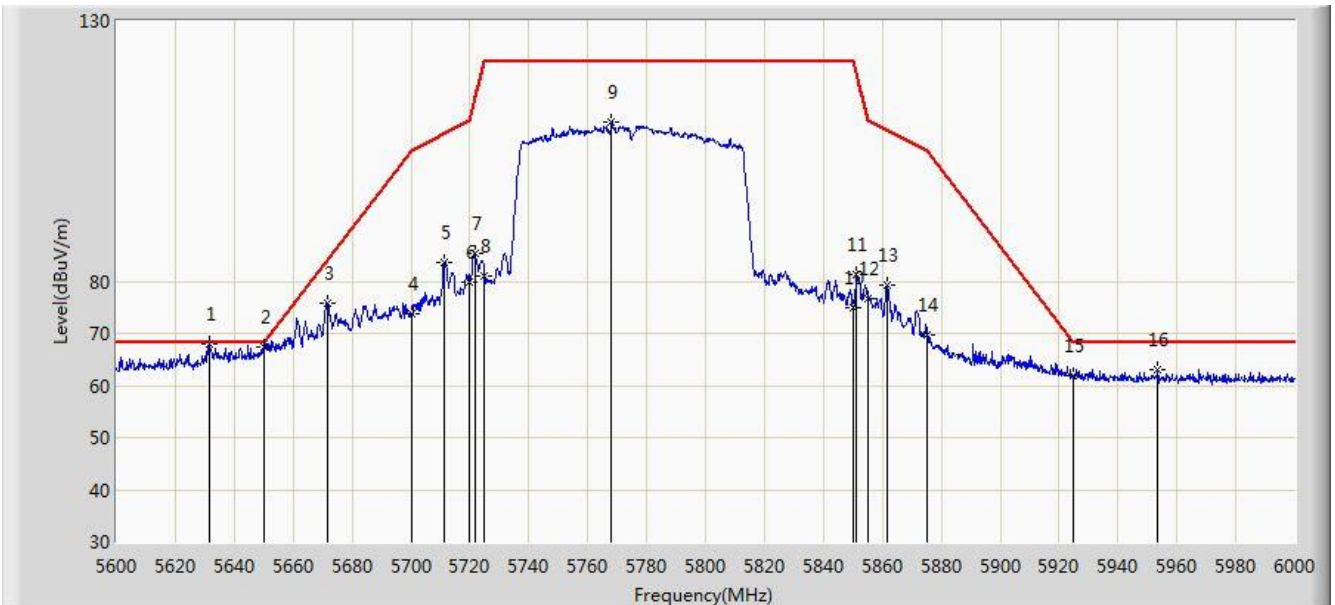


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5640.600	62.355	57.715	-5.845	68.200	4.640	PK
2			5650.000	59.825	55.154	-8.375	68.200	4.671	PK
3			5655.000	60.104	55.416	-11.811	71.915	4.687	PK
4			5676.800	61.789	57.015	-26.283	88.073	4.775	PK
5			5700.000	61.098	56.220	-44.102	105.200	4.878	PK
6			5721.800	70.217	65.209	-44.688	114.905	5.008	PK
7			5725.000	63.854	58.825	-58.346	122.200	5.029	PK
8			5788.400	95.167	89.783	N/A	N/A	5.385	PK
9			5850.000	63.071	57.345	-59.129	122.200	5.726	PK
10			5855.000	62.361	56.615	-48.439	110.800	5.746	PK
11			5861.400	65.978	60.205	-43.028	109.006	5.772	PK
12			5875.000	60.533	54.713	-44.667	105.200	5.820	PK
13			5884.600	61.450	55.597	-36.622	98.072	5.853	PK
14			5925.000	59.928	53.962	-8.272	68.200	5.967	PK
15			5948.200	62.195	56.172	-6.005	68.200	6.023	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:59
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5631.400	68.050	63.437	-0.150	68.200	4.613	PK
2			5650.000	67.447	62.776	-0.753	68.200	4.671	PK
3			5671.600	75.853	71.100	-8.371	84.224	4.754	PK
4			5700.000	73.874	68.996	-31.326	105.200	4.878	PK
5			5711.400	83.545	78.603	-24.850	108.394	4.941	PK
6			5720.000	79.890	74.893	-30.910	110.800	4.997	PK
7			5721.800	85.262	80.254	-29.643	114.905	5.008	PK
8			5725.000	81.145	76.116	-41.055	122.200	5.029	PK
9			5768.000	110.479	105.198	N/A	N/A	5.281	PK
10			5850.000	74.989	69.263	-47.211	122.200	5.726	PK
11			5851.200	81.223	75.493	-38.240	119.463	5.731	PK
12			5855.000	76.697	70.951	-34.103	110.800	5.746	PK
13			5861.800	79.259	73.485	-29.634	108.894	5.775	PK
14			5875.000	69.851	64.031	-35.349	105.200	5.820	PK
15			5925.000	61.968	56.002	-6.232	68.200	5.967	PK
16			5953.600	62.912	56.879	-5.288	68.200	6.032	PK

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

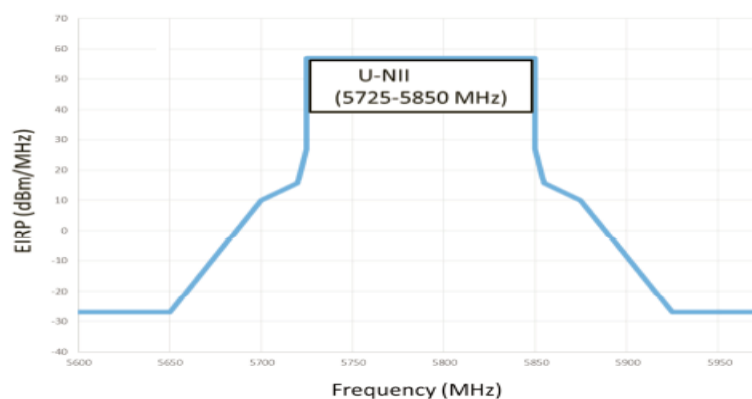
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

5.8. 不必要之發射

5.8.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.3 節：

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



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

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

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

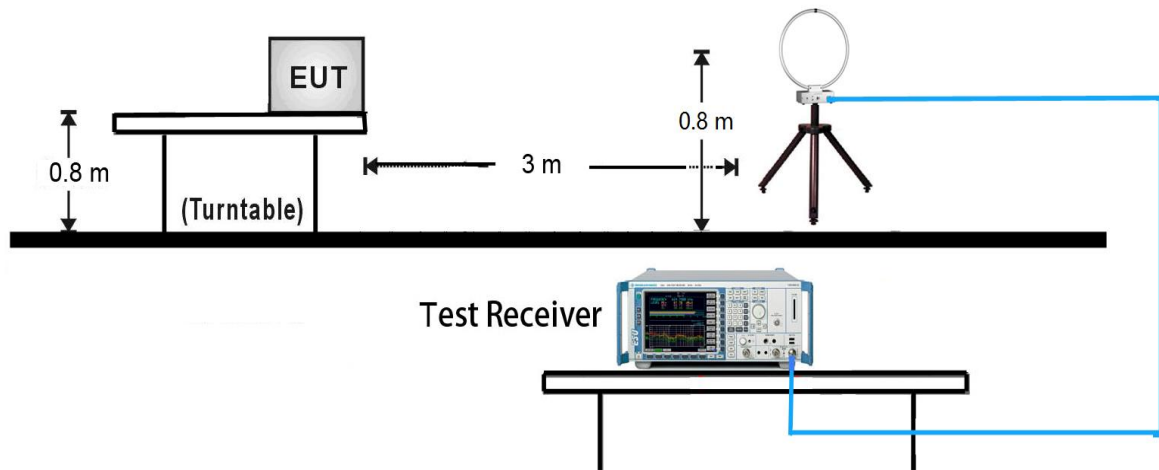
不必要發射頻率屬 2.7 規定頻段者，應符合 2.8 之規定。

5.8.2. 量測方法

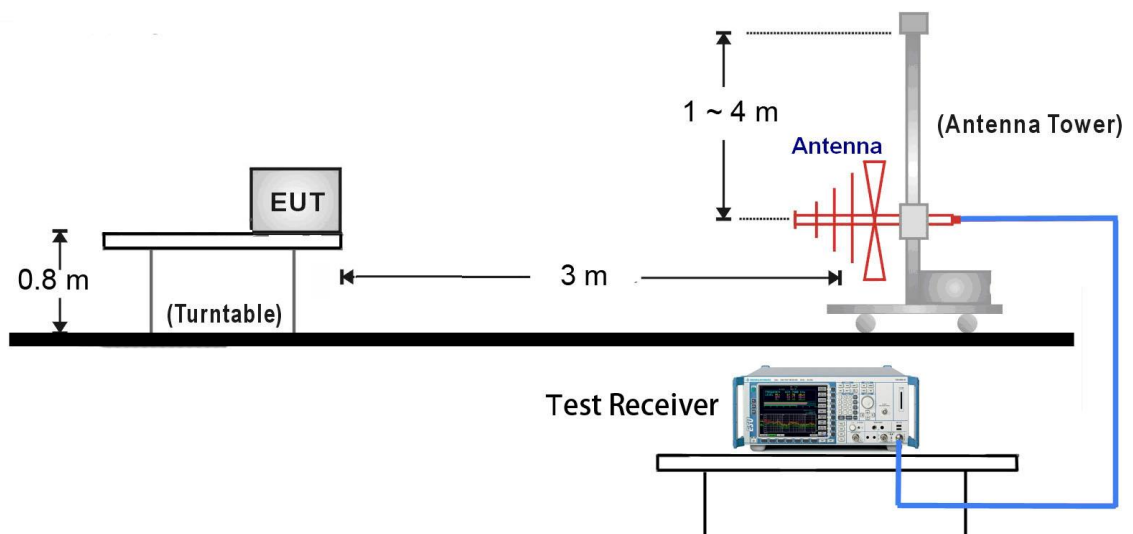
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.8.3. 測試架構圖

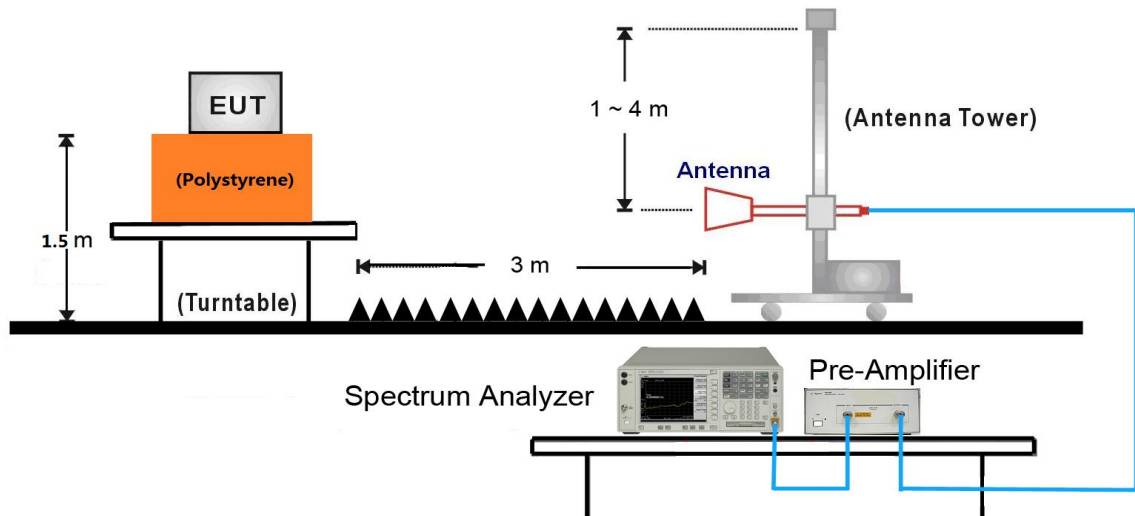
Under 30MHz Test Setup



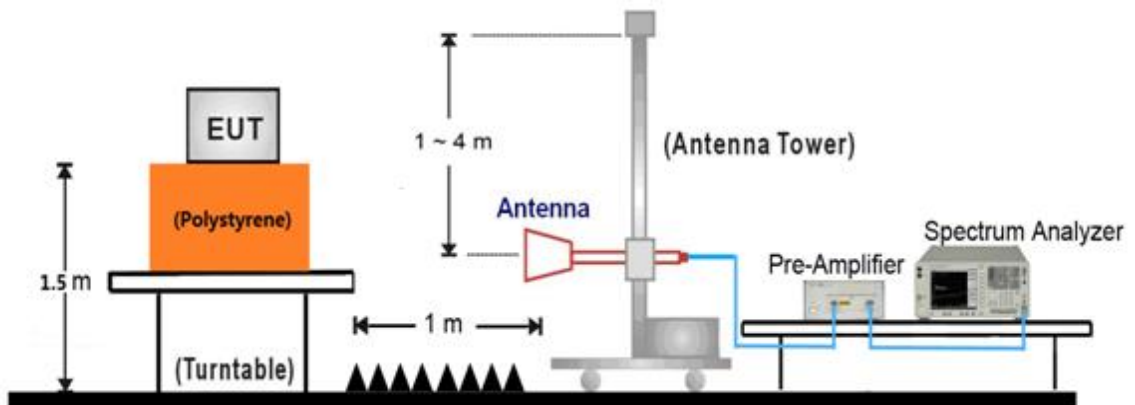
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup

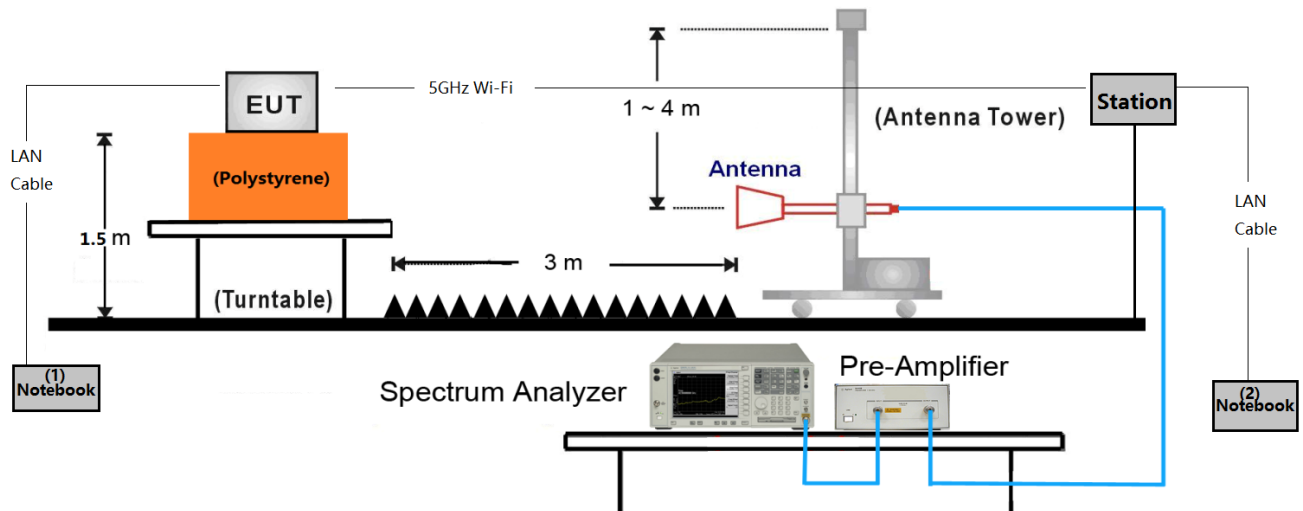


18GHz ~40GHz Test Setup



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

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



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

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

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

5.8.4. 不必要之發射測試結果

Product	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	34.8	12.5	47.3	74.0	-26.7	Peak	Horizontal
	8395.0	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
*	10027.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
*	13010.5	31.5	19.9	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
	8352.5	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
*	10367.0	38.5	16.8	55.3	68.2	-12.9	Peak	Vertical
*	13146.5	31.8	20.1	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	36.5	12.5	49.0	74.0	-25.0	Peak	Horizontal
	8429.0	36.0	12.4	48.4	74.0	-25.6	Peak	Horizontal
*	10035.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	12951.0	34.3	19.7	54.0	68.2	-14.2	Peak	Horizontal
	7434.5	48.0	0.8	48.8	74.0	-25.2	Peak	Vertical
	8327.0	47.6	0.9	48.5	74.0	-25.5	Peak	Vertical
*	10443.5	51.2	8.0	59.2	68.2	-9.0	Peak	Vertical
*	12849.0	41.7	11.1	52.8	68.2	-15.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
	8463.0	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	10290.5	33.9	16.6	50.5	68.2	-17.7	Peak	Horizontal
*	12815.0	32.7	19.1	51.8	68.2	-16.4	Peak	Horizontal
	7409.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
	8395.0	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical
*	10486.0	40.5	17.1	57.6	68.2	-10.6	Peak	Vertical
*	12891.5	32.3	19.4	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
	8429.0	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	10061.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	13010.5	31.7	19.9	51.6	68.2	-16.6	Peak	Horizontal
	7400.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
	8352.5	35.9	12.0	47.9	74.0	-26.1	Peak	Vertical
*	10044.0	34.2	15.5	49.7	68.2	-18.5	Peak	Vertical
*	12840.5	32.5	19.2	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
	8429.0	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	10035.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	12993.5	31.6	19.8	51.4	68.2	-16.8	Peak	Horizontal
	7332.5	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical
	8463.0	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
*	10103.5	33.9	15.7	49.6	68.2	-18.6	Peak	Vertical
*	12891.5	32.7	19.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.1	12.8	47.9	74.0	-26.1	Peak	Horizontal
	8412.0	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	9942.0	35.4	15.3	50.7	68.2	-17.5	Peak	Horizontal
*	12781.0	32.8	19.0	51.8	68.2	-16.4	Peak	Horizontal
	8386.5	34.8	12.1	46.9	74.0	-27.1	Peak	Vertical
	11642.0	38.6	19.4	58.0	74.0	-16.0	Peak	Vertical
*	12866.0	31.9	19.3	51.2	68.2	-17.0	Peak	Vertical
*	13605.5	33.4	21.8	55.2	68.2	-13.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	37.5	12.8	50.3	74.0	-23.7	Peak	Horizontal
	8454.5	37.3	12.5	49.8	74.0	-24.2	Peak	Horizontal
*	9967.5	35.9	15.3	51.2	68.2	-17.0	Peak	Horizontal
*	12721.5	34.1	18.8	52.9	68.2	-15.3	Peak	Horizontal
	7468.5	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical
	8361.0	37.8	12.0	49.8	74.0	-24.2	Peak	Vertical
*	10358.5	43.5	16.8	60.3	68.2	-7.9	Peak	Vertical
*	12900.0	34.6	19.5	54.1	68.2	-14.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	37.5	12.4	49.9	74.0	-24.1	Peak	Horizontal
	8386.5	36.4	12.1	48.5	74.0	-25.5	Peak	Horizontal
*	10435.0	38.7	17.0	55.7	68.2	-12.5	Peak	Horizontal
*	12730.0	32.9	18.8	51.7	68.2	-16.5	Peak	Horizontal
	7485.5	37.5	12.8	50.3	74.0	-23.7	Peak	Vertical
	8284.5	38.3	11.9	50.2	74.0	-23.8	Peak	Vertical
*	10443.5	45.8	17.1	62.9	68.2	-5.3	Peak	Vertical
*	12891.5	33.4	19.4	52.8	68.2	-15.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
	8344.0	37.1	12.0	49.1	74.0	-24.9	Peak	Horizontal
*	9976.0	37.8	15.3	53.1	68.2	-15.1	Peak	Horizontal
*	12993.5	33.4	19.8	53.2	68.2	-15.0	Peak	Horizontal
	7502.5	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
	8310.0	36.1	11.9	48.0	74.0	-26.0	Peak	Vertical
*	10477.5	44.1	17.1	61.2	68.2	-7.0	Peak	Vertical
*	12747.0	35.3	18.9	54.2	68.2	-14.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	36.5	12.6	49.1	74.0	-24.9	Peak	Horizontal
	8454.5	35.8	12.5	48.3	74.0	-25.7	Peak	Horizontal
*	9993.0	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	12789.5	33.5	19.0	52.5	68.2	-15.7	Peak	Horizontal
	8386.5	36.6	12.1	48.7	74.0	-25.3	Peak	Vertical
	11489.0	40.0	19.3	59.3	74.0	-14.7	Peak	Vertical
*	12721.5	32.7	18.8	51.5	68.2	-16.7	Peak	Vertical
*	13486.5	32.5	21.7	54.2	68.2	-14.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
	8276.0	37.0	11.9	48.9	74.0	-25.1	Peak	Horizontal
*	10078.0	36.3	15.6	51.9	68.2	-16.3	Peak	Horizontal
*	12951.0	32.7	19.7	52.4	68.2	-15.8	Peak	Horizontal
	8361.0	35.9	12.0	47.9	74.0	-26.1	Peak	Vertical
	11565.5	40.3	19.5	59.8	74.0	-14.2	Peak	Vertical
*	13019.0	31.9	19.9	51.8	68.2	-16.4	Peak	Vertical
*	13486.5	32.1	21.7	53.8	68.2	-14.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	8463.0	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	9993.0	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	12840.5	34.0	19.2	53.2	68.2	-15.0	Peak	Horizontal
	8437.5	34.8	12.4	47.2	74.0	-26.8	Peak	Vertical
	11642.0	40.5	19.4	59.9	74.0	-14.1	Peak	Vertical
*	12781.0	33.1	19.0	52.1	68.2	-16.1	Peak	Vertical
*	13435.5	32.0	21.6	53.6	68.2	-14.6	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
	8310.0	36.7	11.9	48.6	74.0	-25.4	Peak	Horizontal
*	10095.0	34.6	15.7	50.3	68.2	-17.9	Peak	Horizontal
*	12951.0	33.4	19.7	53.1	68.2	-15.1	Peak	Horizontal
	7307.0	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
	8437.5	34.6	12.4	47.0	74.0	-27.0	Peak	Vertical
*	10256.5	33.7	16.5	50.2	68.2	-18.0	Peak	Vertical
*	12951.0	32.2	19.7	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7264.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
	8199.5	36.7	12.0	48.7	74.0	-25.3	Peak	Horizontal
*	9772.0	35.2	14.9	50.1	68.2	-18.1	Peak	Horizontal
*	12951.0	32.1	19.7	51.8	68.2	-16.4	Peak	Horizontal
	7409.0	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical
	8471.5	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
*	10452.0	38.0	17.1	55.1	68.2	-13.1	Peak	Vertical
*	12798.0	32.5	19.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
	8429.0	35.6	12.4	48.0	74.0	-26.0	Peak	Horizontal
*	9857.0	34.0	16.2	50.2	68.2	-18.0	Peak	Horizontal
*	12840.5	33.5	19.2	52.7	68.2	-15.5	Peak	Horizontal
	7451.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	8403.5	36.2	12.2	48.4	74.0	-25.6	Peak	Vertical
*	9916.5	34.5	15.3	49.8	68.2	-18.4	Peak	Vertical
*	12798.0	32.6	19.1	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
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	36.1	12.6	48.7	74.0	-25.3	Peak	Horizontal
	8335.5	35.3	11.9	47.2	74.0	-26.8	Peak	Horizontal
*	9908.0	34.9	15.3	50.2	68.2	-18.0	Peak	Horizontal
*	12798.0	32.6	19.1	51.7	68.2	-16.5	Peak	Horizontal
	8429.0	36.0	12.4	48.4	74.0	-25.6	Peak	Vertical
	11599.5	37.4	19.4	56.8	74.0	-17.2	Peak	Vertical
*	12721.5	32.8	18.8	51.6	68.2	-16.6	Peak	Vertical
*	13546.0	32.5	21.9	54.4	68.2	-13.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
	8276.0	36.2	11.9	48.1	74.0	-25.9	Peak	Horizontal
*	10103.5	34.4	15.7	50.1	68.2	-18.1	Peak	Horizontal
*	12781.0	33.1	19.0	52.1	68.2	-16.1	Peak	Horizontal
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Vertical
	8361.0	37.2	12.0	49.2	74.0	-24.8	Peak	Vertical
*	10001.5	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	12781.0	33.1	19.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	8429.0	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
*	10256.5	33.6	16.5	50.1	68.2	-18.1	Peak	Horizontal
*	13078.5	31.4	20.0	51.4	68.2	-16.8	Peak	Horizontal
	7638.5	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical
	8369.5	36.2	12.1	48.3	74.0	-25.7	Peak	Vertical
*	10435.0	39.3	17.0	56.3	68.2	-11.9	Peak	Vertical
*	12908.5	32.4	19.5	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
	8369.5	35.1	12.1	47.2	74.0	-26.8	Peak	Horizontal
*	9772.0	33.8	14.9	48.7	68.2	-19.5	Peak	Horizontal
*	12891.5	32.1	19.4	51.5	68.2	-16.7	Peak	Horizontal
	7485.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	8352.5	35.2	12.0	47.2	74.0	-26.8	Peak	Vertical
*	9993.0	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	12891.5	32.1	19.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
	8480.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	9780.5	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	12721.5	32.7	18.8	51.5	68.2	-16.7	Peak	Horizontal
	7409.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
	8361.0	36.2	12.0	48.2	74.0	-25.8	Peak	Vertical
*	9763.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	12721.5	32.4	18.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	35.9	12.5	48.4	74.0	-25.6	Peak	Horizontal
	8310.0	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
*	10146.0	34.0	16.0	50.0	68.2	-18.2	Peak	Horizontal
*	12942.5	31.8	19.7	51.5	68.2	-16.7	Peak	Horizontal
	9440.5	36.0	14.4	50.4	74.0	-23.6	Peak	Vertical
	11574.0	37.1	19.5	56.6	74.0	-17.4	Peak	Vertical
*	12730.0	33.0	18.8	51.8	68.2	-16.4	Peak	Vertical
*	13478.0	31.6	21.7	53.3	68.2	-14.9	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	8412.0	35.1	12.3	47.4	74.0	-26.6	Peak	Horizontal
*	9950.5	34.7	15.3	50.0	68.2	-18.2	Peak	Horizontal
*	12798.0	32.8	19.1	51.9	68.2	-16.3	Peak	Horizontal
	8352.5	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
	11650.5	39.5	19.3	58.8	74.0	-15.2	Peak	Vertical
*	12840.5	32.6	19.2	51.8	68.2	-16.4	Peak	Vertical
*	13554.5	31.6	21.9	53.5	68.2	-14.7	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	8488.5	34.4	12.7	47.1	74.0	-26.9	Peak	Horizontal
*	10035.5	34.5	15.5	50.0	68.2	-18.2	Peak	Horizontal
*	12840.5	34.0	19.2	53.2	68.2	-15.0	Peak	Horizontal
	7434.5	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	8165.5	36.9	12.1	49.0	74.0	-25.0	Peak	Vertical
*	10120.5	34.9	15.8	50.7	68.2	-17.5	Peak	Vertical
*	12840.5	34.0	19.2	53.2	68.2	-15.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
	8318.5	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
*	9729.5	34.7	14.7	49.4	68.2	-18.8	Peak	Horizontal
*	12968.0	32.7	19.8	52.5	68.2	-15.7	Peak	Horizontal
	7468.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8429.0	35.9	12.4	48.3	74.0	-25.7	Peak	Vertical
*	10452.0	39.0	17.1	56.1	68.2	-12.1	Peak	Vertical
*	12840.5	33.0	19.2	52.2	68.2	-16.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
	8344.0	35.3	12.0	47.3	74.0	-26.7	Peak	Horizontal
*	10103.5	34.0	15.7	49.7	68.2	-18.5	Peak	Horizontal
*	12721.5	34.1	18.8	52.9	68.2	-15.3	Peak	Horizontal
	7468.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8242.0	36.4	11.9	48.3	74.0	-25.7	Peak	Vertical
*	10044.0	34.8	15.5	50.3	68.2	-17.9	Peak	Vertical
*	12721.5	34.1	18.8	52.9	68.2	-15.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
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	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
	8301.5	35.3	11.9	47.2	74.0	-26.8	Peak	Horizontal
*	9814.5	34.7	15.4	50.1	68.2	-18.1	Peak	Horizontal
*	12951.0	31.7	19.7	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
	8361.0	35.5	12.0	47.5	74.0	-26.5	Peak	Vertical
*	10171.5	33.9	16.1	50.0	68.2	-18.2	Peak	Vertical
*	12951.0	31.7	19.7	51.4	68.2	-16.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42
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	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	8352.5	35.8	12.0	47.8	74.0	-26.2	Peak	Horizontal
*	10103.5	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
*	12781.0	32.4	19.0	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
	8463.0	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
*	10120.5	34.4	15.8	50.2	68.2	-18.0	Peak	Vertical
*	12781.0	32.4	19.0	51.4	68.2	-16.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	155
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	34.9	12.6	47.5	74.0	-26.5	Peak	Horizontal
	8352.5	36.1	12.0	48.1	74.0	-25.9	Peak	Horizontal
*	10035.5	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
*	12891.5	32.8	19.4	52.2	68.2	-16.0	Peak	Horizontal
	7375.0	36.1	12.5	48.6	74.0	-25.4	Peak	Vertical
	8276.0	36.6	11.9	48.5	74.0	-25.5	Peak	Vertical
*	10035.5	35.7	15.5	51.2	68.2	-17.0	Peak	Vertical
*	12891.5	32.8	19.4	52.2	68.2	-16.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.9	12.8	44.7	74.0	-29.3	Peak	Horizontal
	8310.0	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
*	10307.5	30.1	16.6	46.7	68.2	-21.5	Peak	Horizontal
*	12891.5	29.7	19.4	49.1	68.2	-19.1	Peak	Horizontal
	7400.5	32.1	12.6	44.7	74.0	-29.3	Peak	Vertical
	8454.5	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
*	9857.0	30.4	16.2	46.6	68.2	-21.6	Peak	Vertical
*	12840.5	29.3	19.2	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
	8318.5	32.7	11.9	44.6	74.0	-29.4	Peak	Horizontal
*	10010.0	32.5	15.4	47.9	68.2	-20.3	Peak	Horizontal
*	12840.5	29.3	19.2	48.5	68.2	-19.7	Peak	Horizontal
	7443.0	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	8369.5	32.7	12.1	44.8	74.0	-29.2	Peak	Vertical
*	9789.0	30.7	15.0	45.7	68.2	-22.5	Peak	Vertical
*	12840.5	29.1	19.2	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	31.7	12.5	44.2	74.0	-29.8	Peak	Horizontal
	8352.5	31.8	12.0	43.8	74.0	-30.2	Peak	Horizontal
*	10316.0	30.8	16.7	47.5	68.2	-20.7	Peak	Horizontal
*	12840.5	29.1	19.2	48.3	68.2	-19.9	Peak	Horizontal
	7383.5	31.7	12.5	44.2	74.0	-29.8	Peak	Vertical
	8199.5	31.0	12.0	43.0	74.0	-31.0	Peak	Vertical
*	9823.0	30.4	15.6	46.0	68.2	-22.2	Peak	Vertical
*	12781.0	29.2	19.0	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)

Product	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	32.5	12.6	45.1	74.0	-28.9	Peak	Horizontal
	8429.0	31.4	12.4	43.8	74.0	-30.2	Peak	Horizontal
*	10248.0	31.9	16.4	48.3	68.2	-19.9	Peak	Horizontal
*	12781.0	29.2	19.0	48.2	68.2	-20.0	Peak	Horizontal
	7400.5	32.5	12.6	45.1	74.0	-28.9	Peak	Vertical
	8403.5	32.6	12.2	44.8	74.0	-29.2	Peak	Vertical
*	9814.5	31.2	15.4	46.6	68.2	-21.6	Peak	Vertical
*	12857.5	30.2	19.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	32.1	12.4	44.5	74.0	-29.5	Peak	Horizontal
	8386.5	32.6	12.1	44.7	74.0	-29.3	Peak	Horizontal
*	10333.0	31.0	16.7	47.7	68.2	-20.5	Peak	Horizontal
*	12857.5	30.2	19.3	49.5	68.2	-18.7	Peak	Horizontal
	7698.0	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
	8310.0	32.0	11.9	43.9	74.0	-30.1	Peak	Vertical
*	10044.0	30.8	15.5	46.3	68.2	-21.9	Peak	Vertical
*	12840.5	29.6	19.2	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.3	12.7	45.0	74.0	-29.0	Peak	Horizontal
	8276.0	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
*	10035.5	32.3	15.5	47.8	68.2	-20.4	Peak	Horizontal
*	12840.5	29.6	19.2	48.8	68.2	-19.4	Peak	Horizontal
	7434.5	32.3	12.7	45.0	74.0	-29.0	Peak	Vertical
	8301.5	31.5	11.9	43.4	74.0	-30.6	Peak	Vertical
*	10061.0	31.1	15.6	46.7	68.2	-21.5	Peak	Vertical
*	12721.5	29.1	18.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.4	12.7	45.1	74.0	-28.9	Peak	Horizontal
	8216.5	32.9	11.9	44.8	74.0	-29.2	Peak	Horizontal
*	10171.5	32.7	16.1	48.8	68.2	-19.4	Peak	Horizontal
*	12721.5	29.1	18.8	47.9	68.2	-20.3	Peak	Horizontal
	7434.5	32.4	12.7	45.1	74.0	-28.9	Peak	Vertical
	8429.0	31.7	12.4	44.1	74.0	-29.9	Peak	Vertical
*	9857.0	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
*	13027.5	29.7	19.9	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	8352.5	31.1	12.0	43.1	74.0	-30.9	Peak	Horizontal
*	10401.0	31.4	16.9	48.3	68.2	-19.9	Peak	Horizontal
*	13027.5	29.7	19.9	49.6	68.2	-18.6	Peak	Horizontal
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	8437.5	30.8	12.4	43.2	74.0	-30.8	Peak	Vertical
*	10078.0	31.1	15.6	46.7	68.2	-21.5	Peak	Vertical
*	12891.5	29.7	19.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	8386.5	32.3	12.1	44.4	74.0	-29.6	Peak	Horizontal
*	10171.5	32.5	16.1	48.6	68.2	-19.6	Peak	Horizontal
*	12891.5	29.7	19.4	49.1	68.2	-19.1	Peak	Horizontal
	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Vertical
	8429.0	32.0	12.4	44.4	74.0	-29.6	Peak	Vertical
*	9806.0	31.0	15.2	46.2	68.2	-22.0	Peak	Vertical
*	13010.5	29.7	19.9	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	159
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	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
	8352.5	33.1	12.0	45.1	74.0	-28.9	Peak	Horizontal
*	10214.0	31.3	16.3	47.6	68.2	-20.6	Peak	Horizontal
*	13010.5	29.7	19.9	49.6	68.2	-18.6	Peak	Horizontal
	7536.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
	8352.5	33.3	12.0	45.3	74.0	-28.7	Peak	Vertical
*	9678.5	32.3	14.6	46.9	68.2	-21.3	Peak	Vertical
*	12832.0	30.2	19.2	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	42
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	32.6	12.7	45.3	74.0	-28.7	Peak	Horizontal
	8293.0	33.2	11.9	45.1	74.0	-28.9	Peak	Horizontal
*	10044.0	32.7	15.5	48.2	68.2	-20.0	Peak	Horizontal
*	12832.0	30.2	19.2	49.4	68.2	-18.8	Peak	Horizontal
	7434.5	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	8463.0	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
*	9899.5	32.0	15.4	47.4	68.2	-20.8	Peak	Vertical
*	12721.5	30.2	18.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	155
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	31.9	12.6	44.5	74.0	-29.5	Peak	Horizontal
	8361.0	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
*	10120.5	33.2	15.8	49.0	68.2	-19.2	Peak	Horizontal
*	12721.5	30.2	18.8	49.0	68.2	-19.2	Peak	Horizontal
	7409.0	31.9	12.6	44.5	74.0	-29.5	Peak	Vertical
	8242.0	33.0	11.9	44.9	74.0	-29.1	Peak	Vertical
*	10052.5	31.2	15.5	46.7	68.2	-21.5	Peak	Vertical
*	13010.5	31.3	19.9	51.2	68.2	-17.0	Peak	Vertical

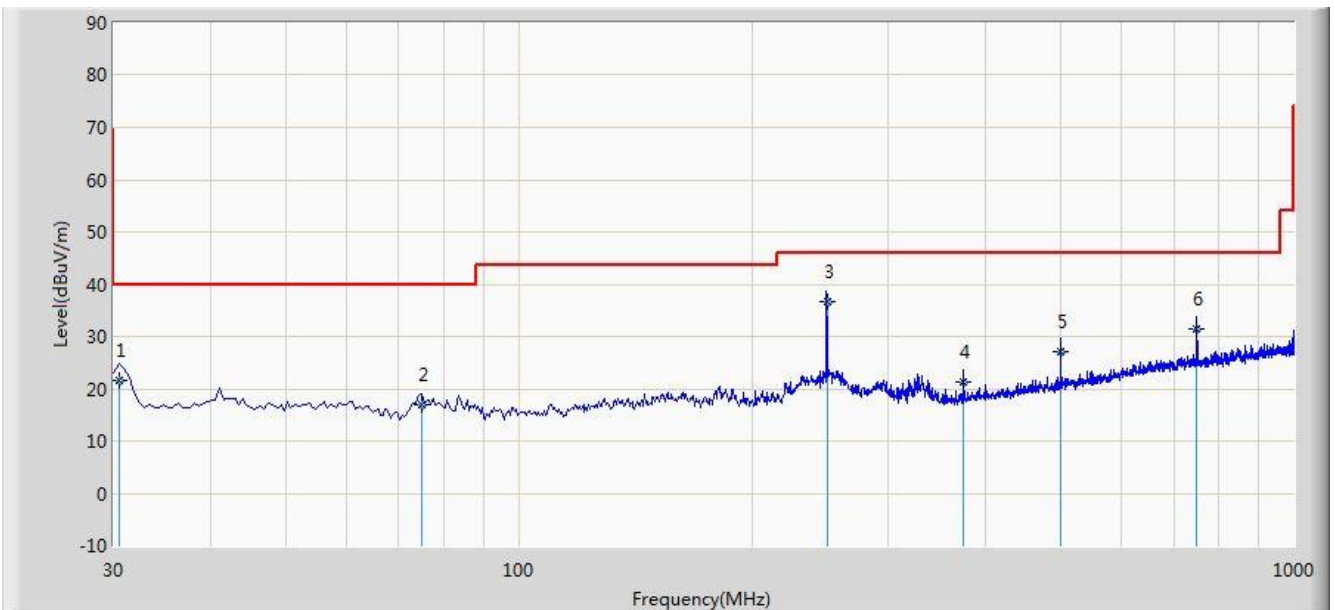
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/01/19 - 14:26
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 110V/60Hz
Worst Case Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.480	21.728	7.990	-18.272	40.000	13.738	QP
2			75.105	17.003	6.170	-22.997	40.000	10.833	QP
3			250.130	36.666	23.640	-9.334	46.000	13.026	QP
4			375.085	21.290	5.190	-24.710	46.000	16.100	QP
5		*	500.100	26.981	8.410	-19.019	46.000	18.572	QP
6			750.200	31.394	8.590	-14.606	46.000	22.803	QP

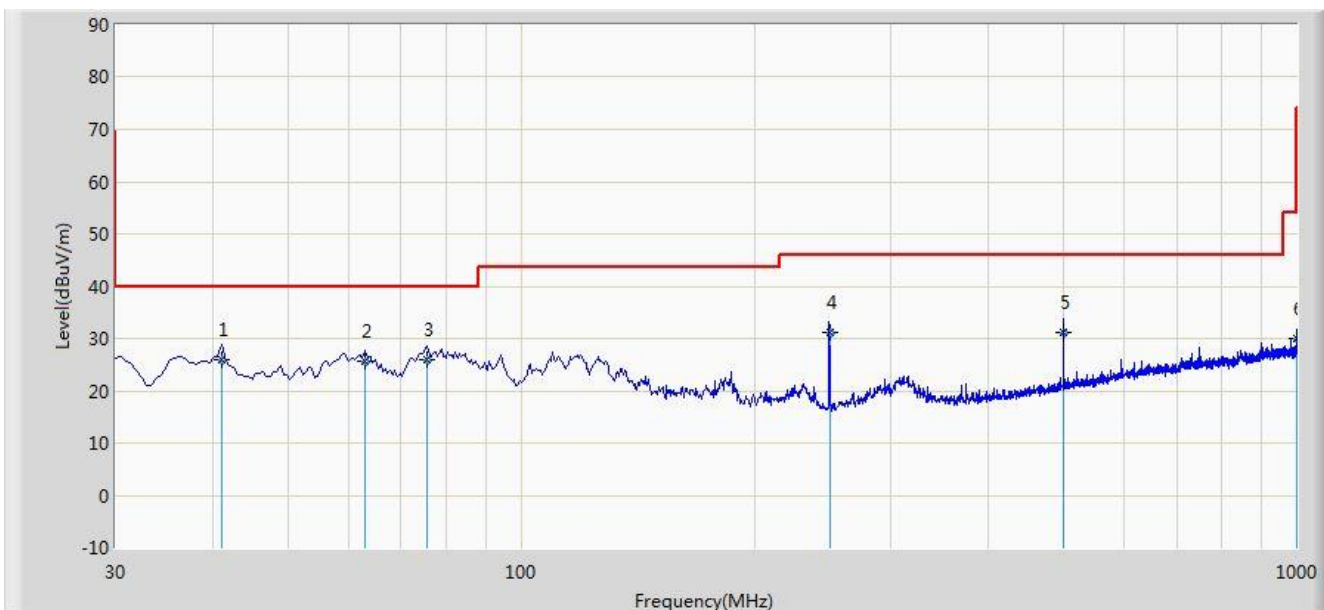
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

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: 2018/01/19 - 14:26
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 110V/60Hz
Worst Case Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			41.150	25.802	11.250	-14.198	40.000	14.552	QP
2		*	62.980	25.584	12.680	-14.416	40.000	12.904	QP
3			75.590	25.940	15.180	-14.060	40.000	10.760	QP
4			250.000	31.283	18.260	-14.717	46.000	13.023	QP
5			500.160	31.172	12.600	-14.828	46.000	18.573	QP
6			1000.000	29.905	4.740	-24.095	54.000	25.165	QP

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

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

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

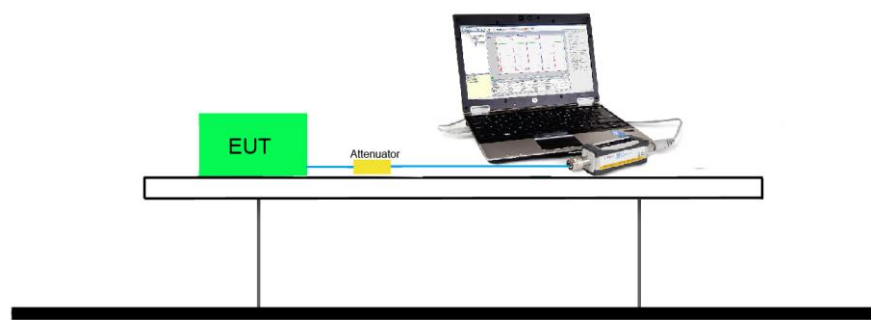
5.9.1. 適用標準

操作於5.250~5.350 及5.470~5.725 兆赫頻帶的設備，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

A TPC mechanism is not required for systems operating in frequency band 5150 ~ 5250 MHz & 5725 ~ 5850 MHz.

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：位元元元元元此量測目的，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 oC 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。

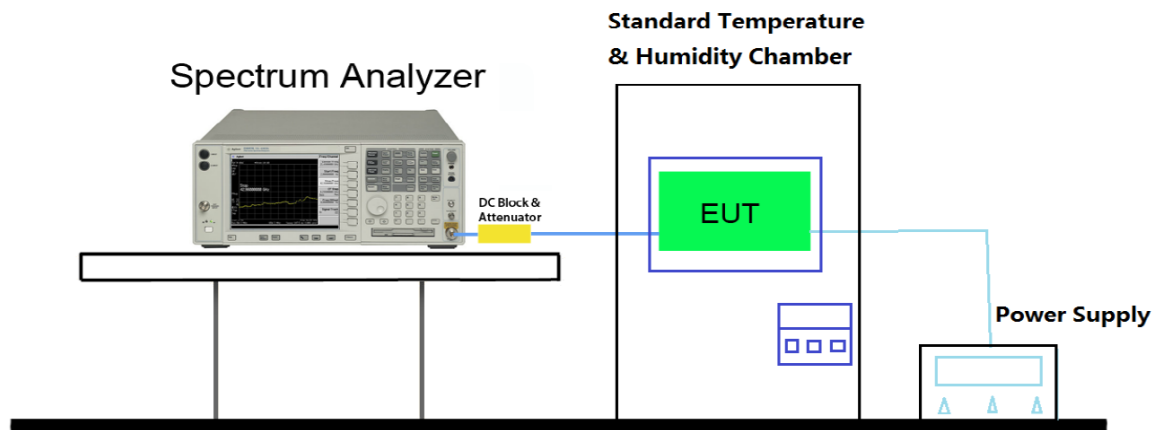
註：為達量測目的，可將測量天線近置於受測物（例如離 15cm）而以適當長度之同軸纜線連接至測量儀器。

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

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2017/12/27	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-3.56	-2.16	-2.14	-2.00
		- 20	0.48	-0.03	0.94	-1.45
		- 10	-1.68	0.58	-2.54	-1.42
		0	2.90	2.84	2.95	2.83
		+ 10	3.85	3.75	3.64	3.29
		+ 20 (Ref)	4.64	4.31	4.17	4.02
		+ 30	3.96	3.81	3.93	3.76
		+ 40	4.97	4.64	4.52	4.56
		+ 50	4.24	4.78	3.98	3.53
115%	138	+ 20	4.44	3.79	3.82	3.89
85%	102	+ 20	4.97	4.87	4.84	4.99

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

_____ The End _____