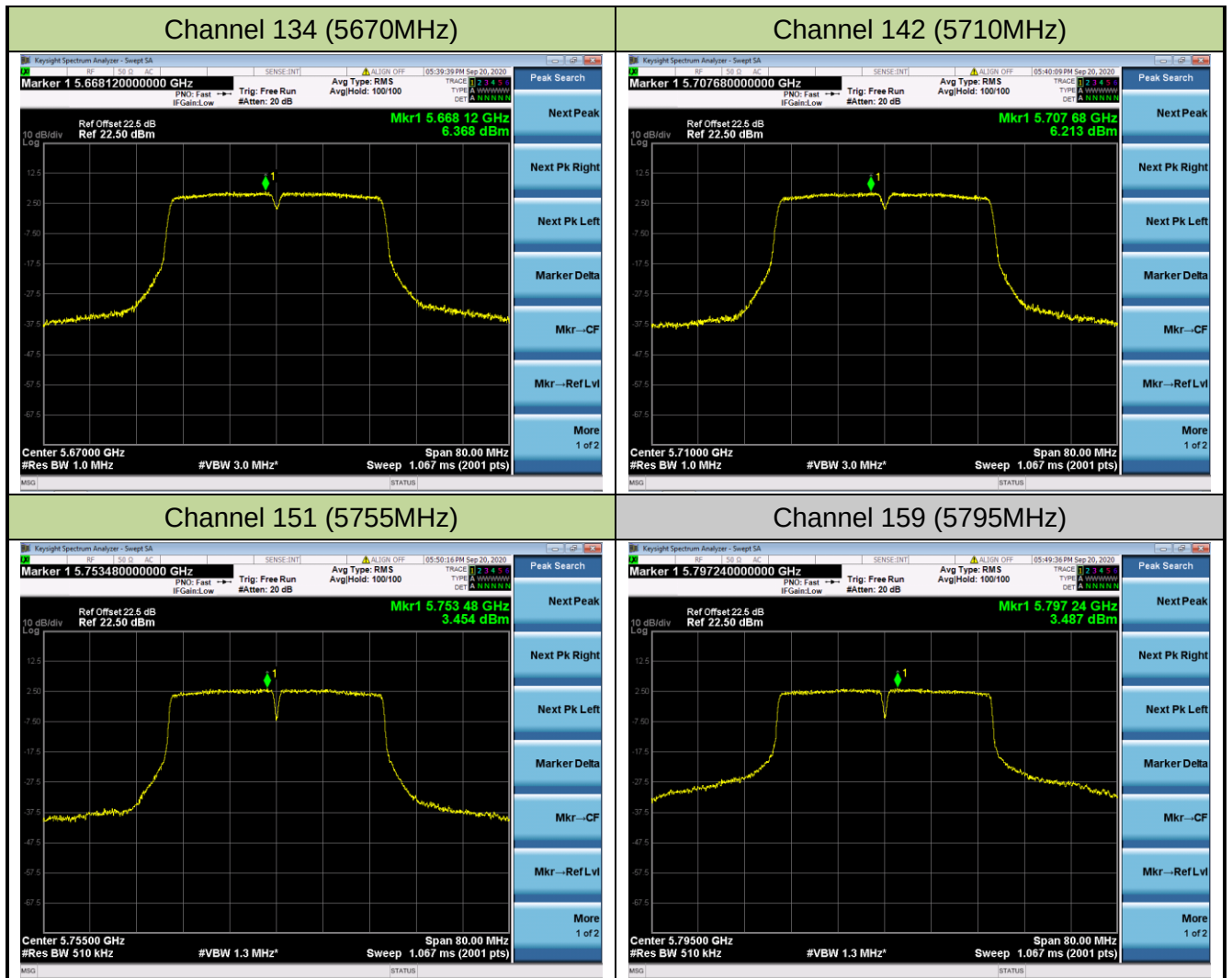
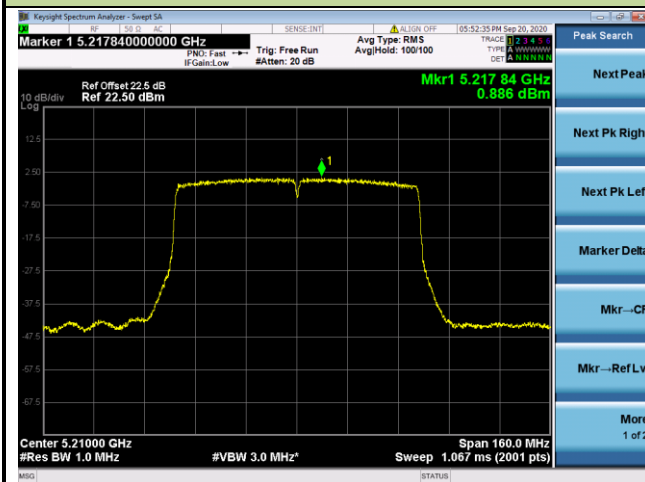


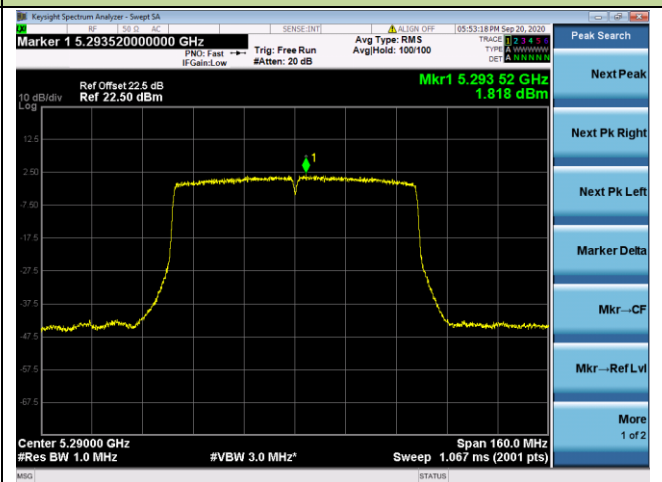


802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1

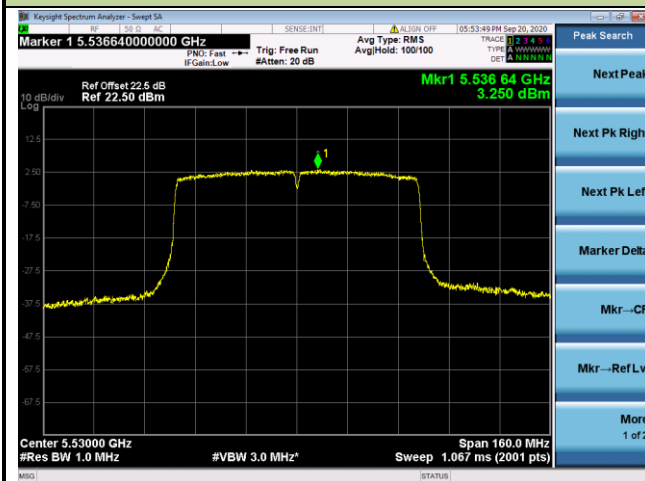
Channel 42 (5210MHz)



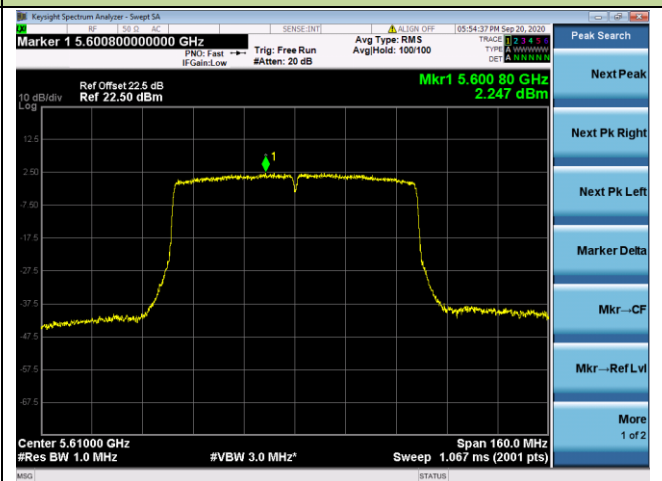
Channel 58 (5290MHz)



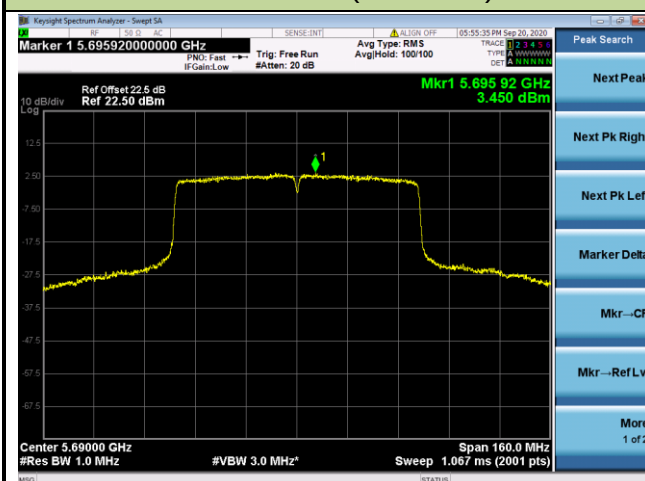
Channel 106 (5530MHz)



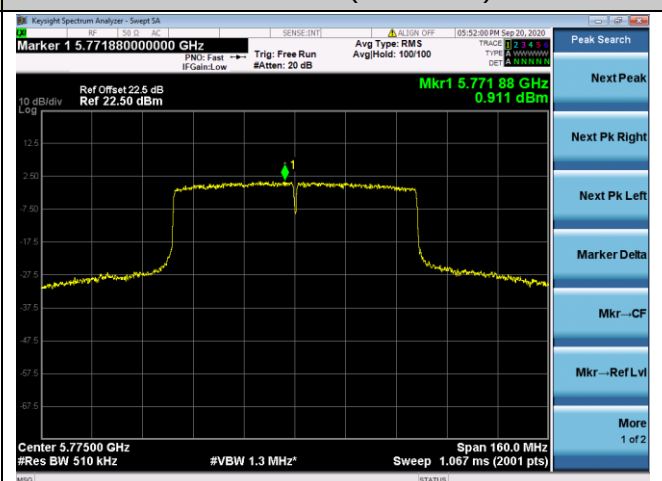
Channel 122 (5610MHz)



Channel 138 (5690MHz)

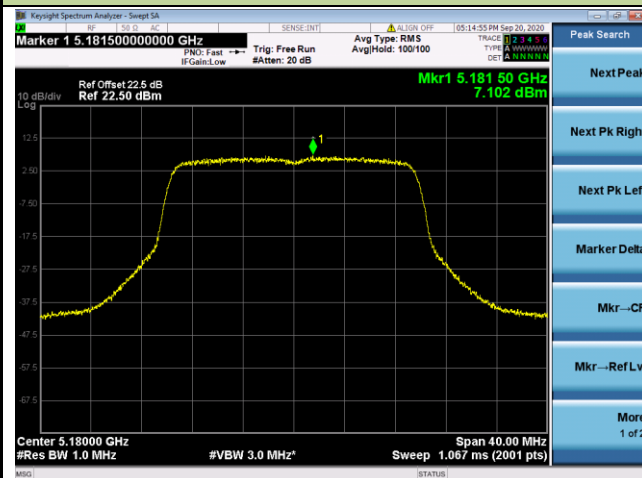


Channel 155 (5775MHz)

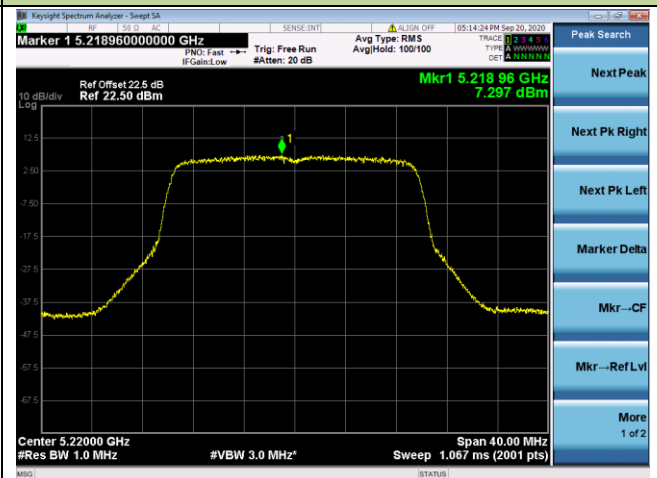


802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1

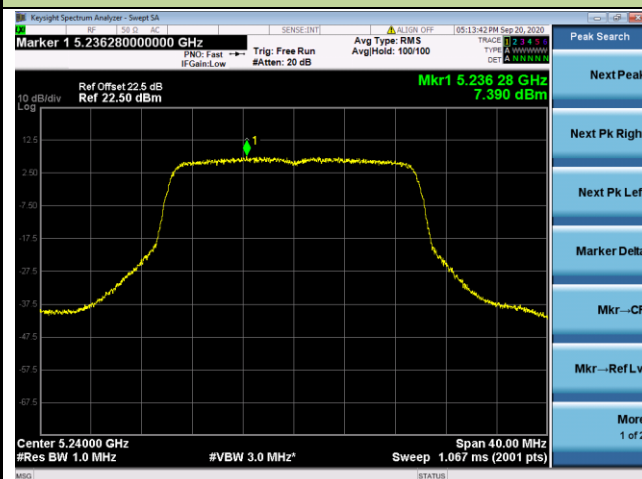
Channel 36 (5180MHz)



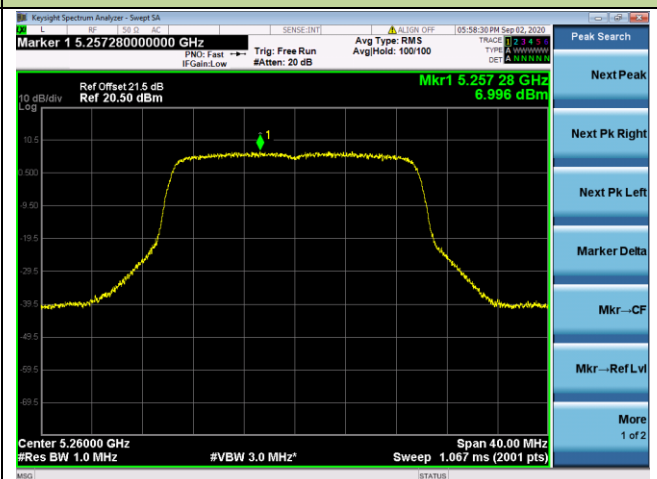
Channel 44 (5220MHz)



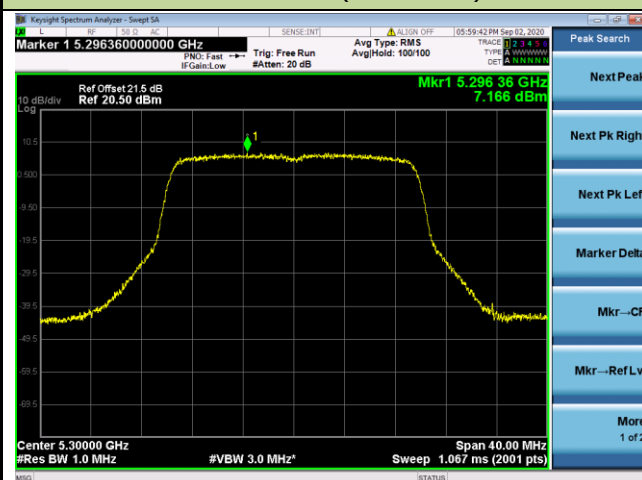
Channel 48 (5240MHz)



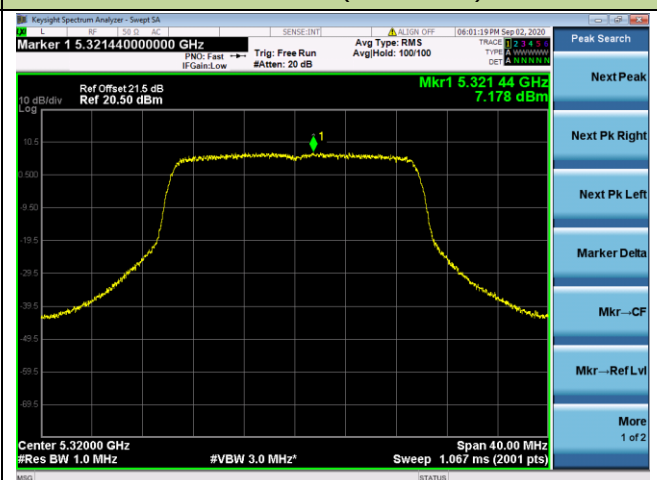
Channel 52 (5260MHz)



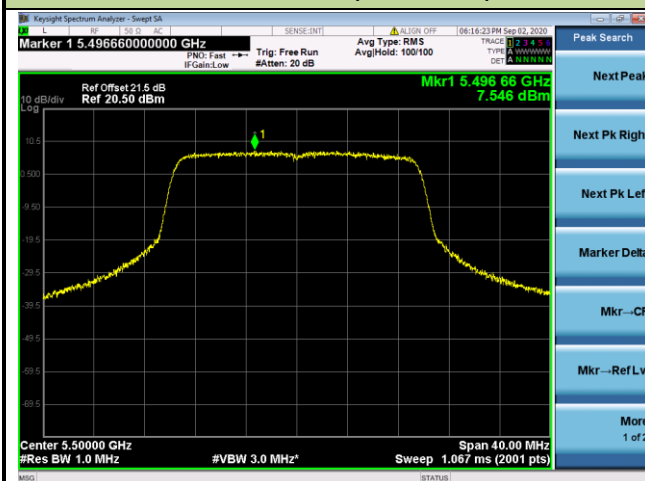
Channel 60 (5300MHz)



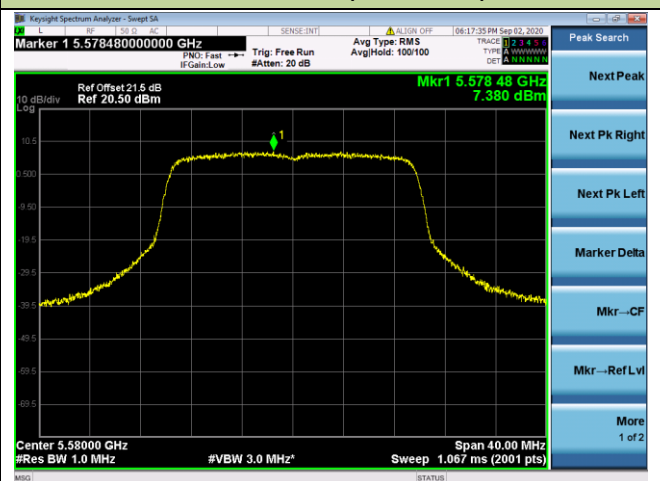
Channel 64 (5320MHz)



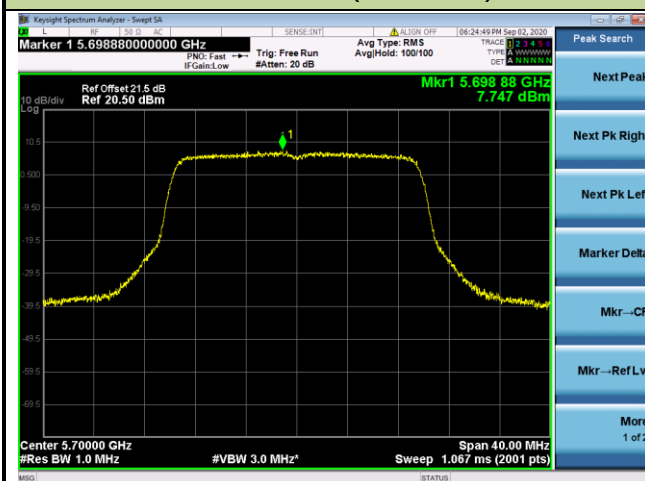
Channel 100 (5500MHz)



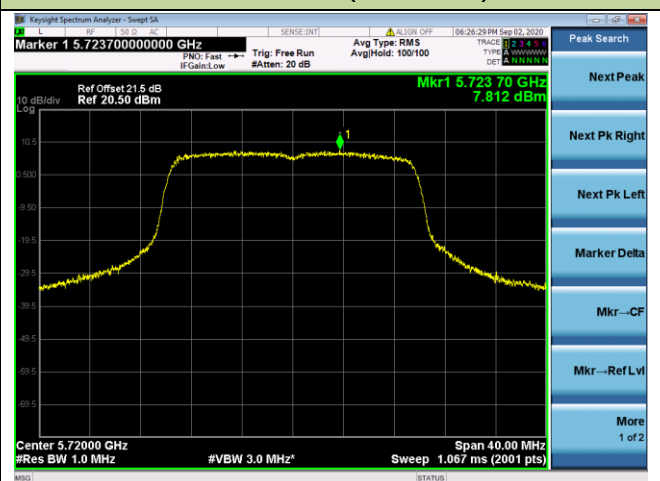
Channel 116 (5580MHz)



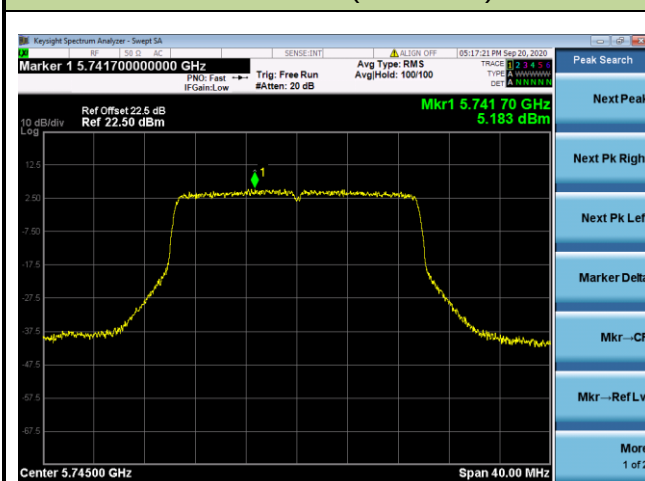
Channel 140 (5700MHz)



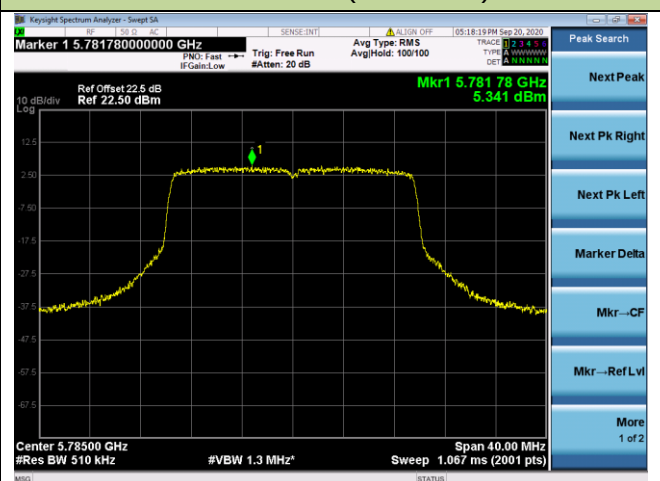
Channel 144 (5720MHz)

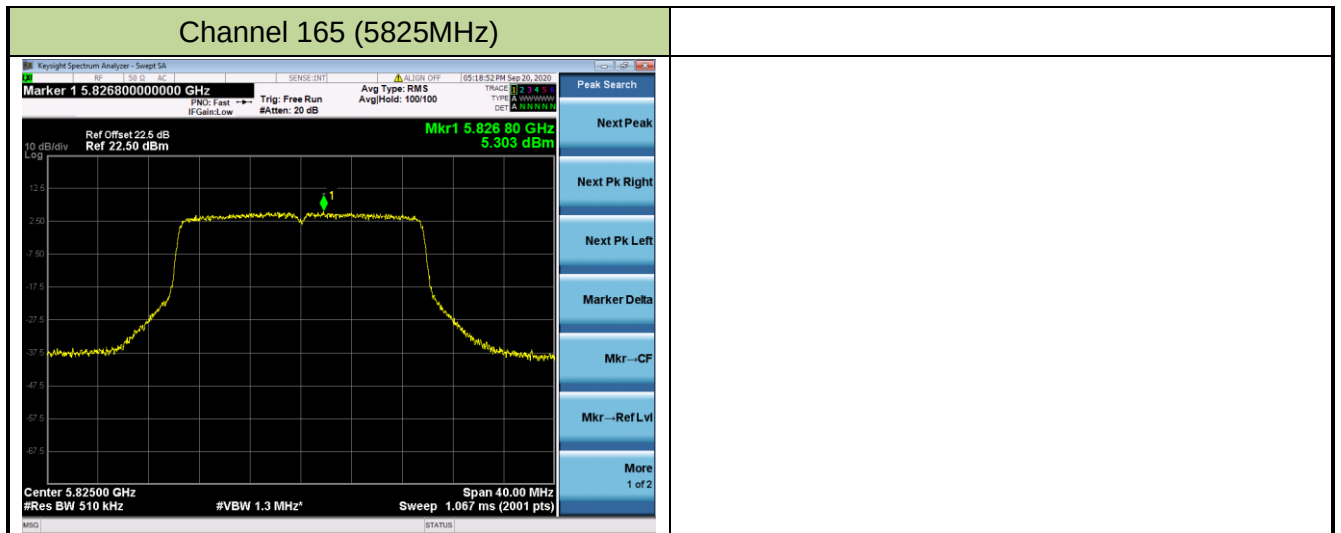


Channel 149 (5745MHz)



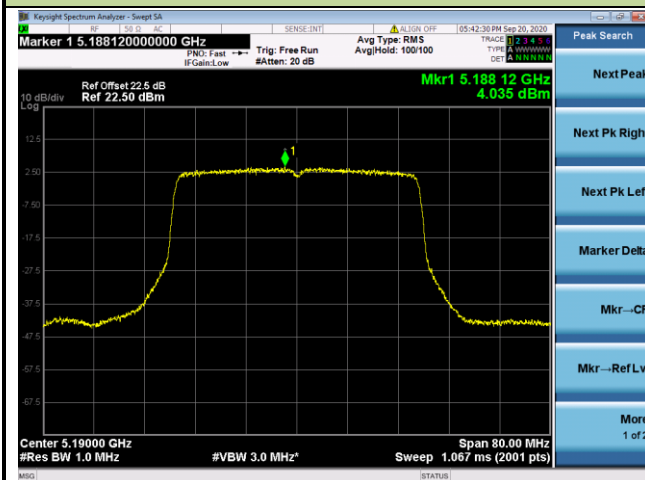
Channel 157 (5785MHz)



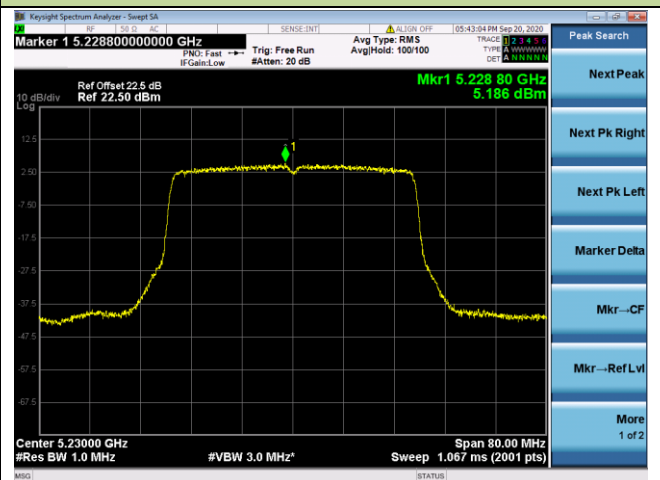


802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1

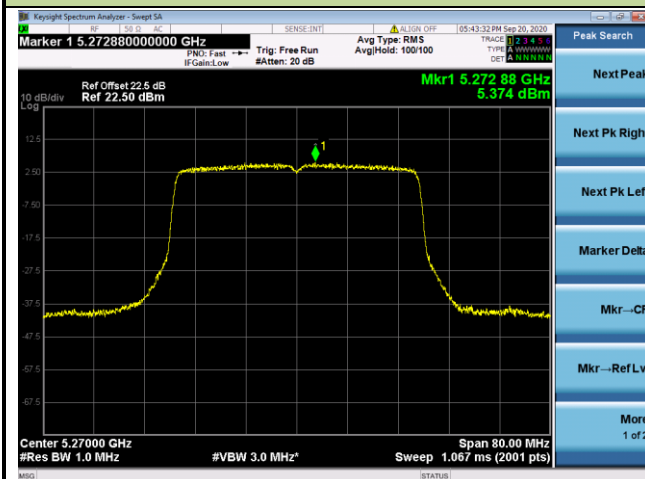
Channel 38 (5190MHz)



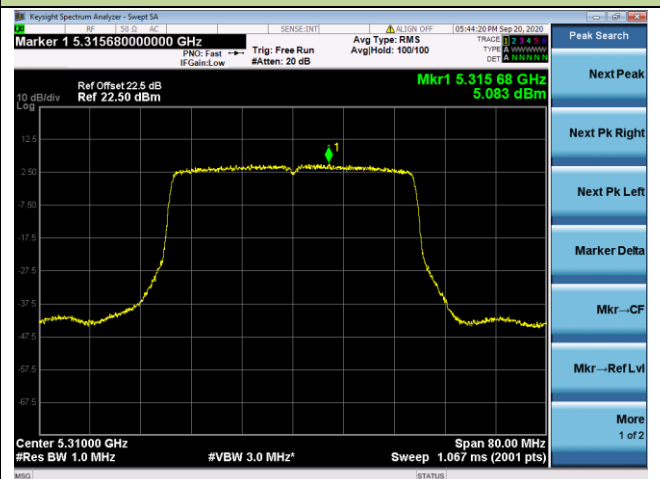
Channel 46 (5230MHz)



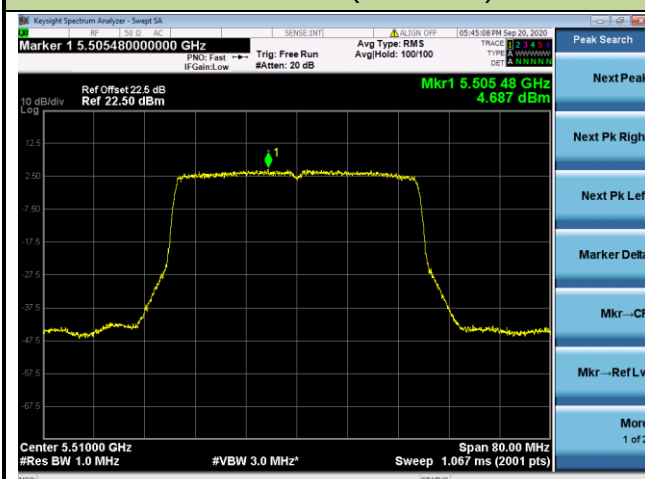
Channel 54 (5270MHz)



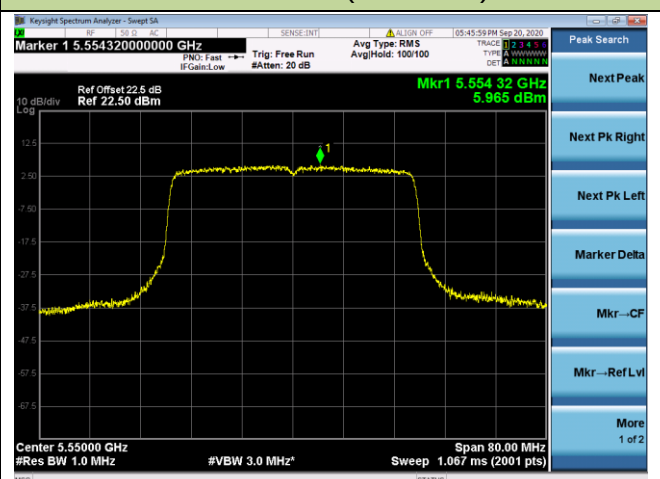
Channel 62 (5310MHz)

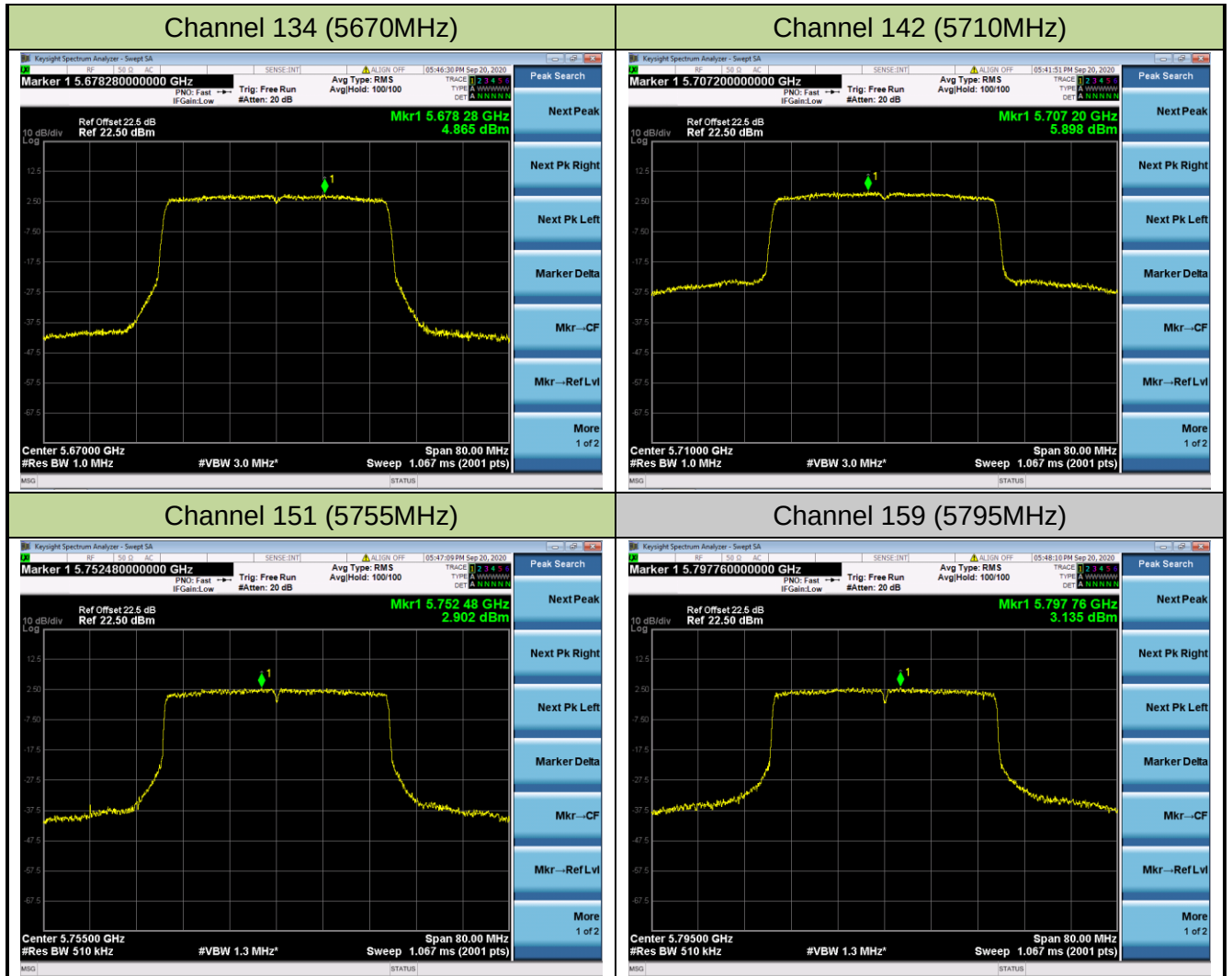


Channel 102 (5510MHz)



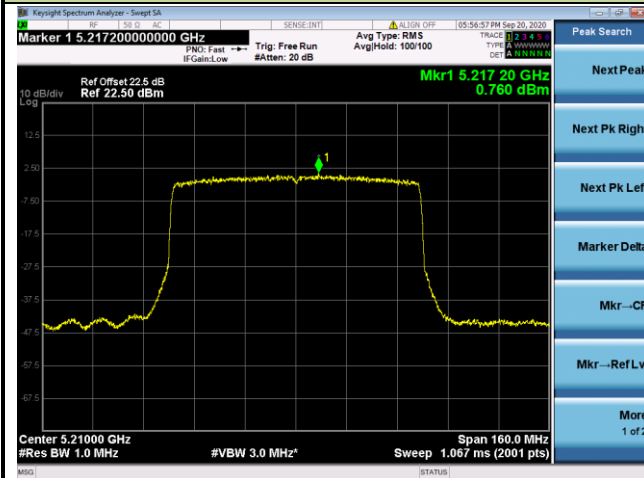
Channel 110 (5550MHz)



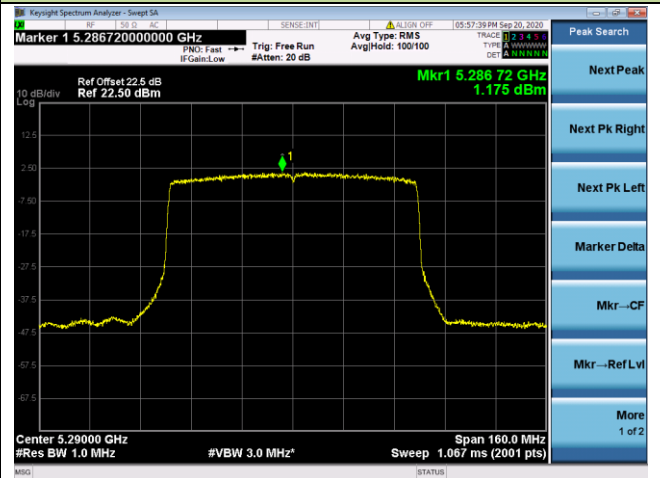


802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1

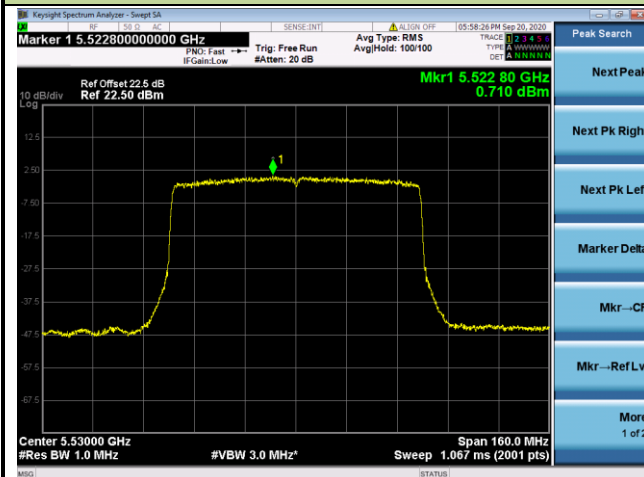
Channel 42 (5210MHz)



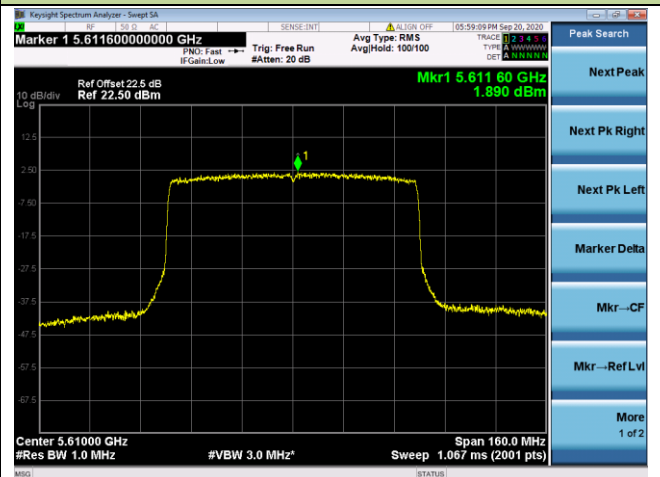
Channel 58 (5290MHz)



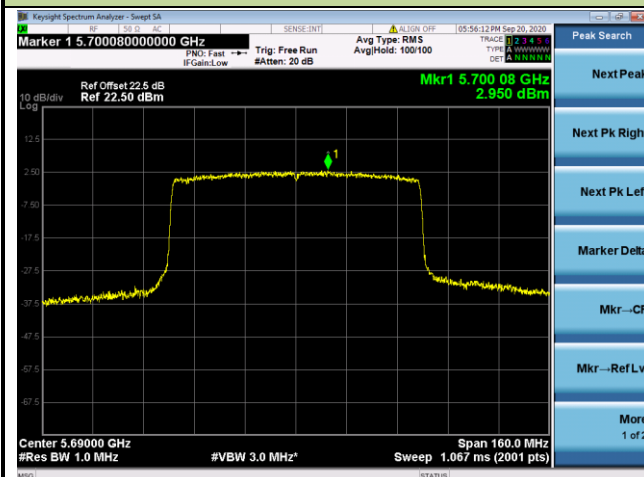
Channel 106 (5530MHz)



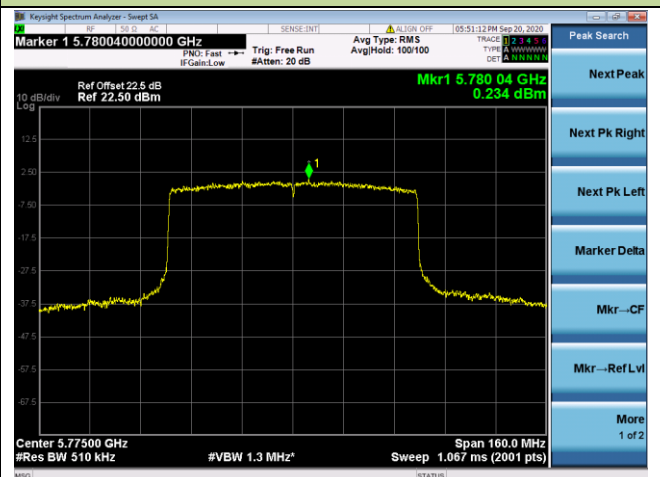
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



待測物名稱	OmniAccess Stellar, OAW-AP1311	溫度	23 ~ 25°C
測試工程師	Kevin Ker	濕度	40 ~ 56%
測試場地	SR1	測試日期	2020/09/30
模式	OAW-AP1311 Scan Antenna -Power Spectral Density (U-NII- 1)		

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6Mbps	36	5180	96.21	-0.13	≤16.69	Pass
11a	6Mbps	44	5220	96.21	-0.25	≤16.69	Pass
11a	6Mbps	48	5240	96.21	-0.63	≤16.69	Pass

Note 1: When EUT duty cycle < 98%, Total PSD (dBm/MHz) = PSD (dBm/MHz) + 10*log (1/Duty Cycle).

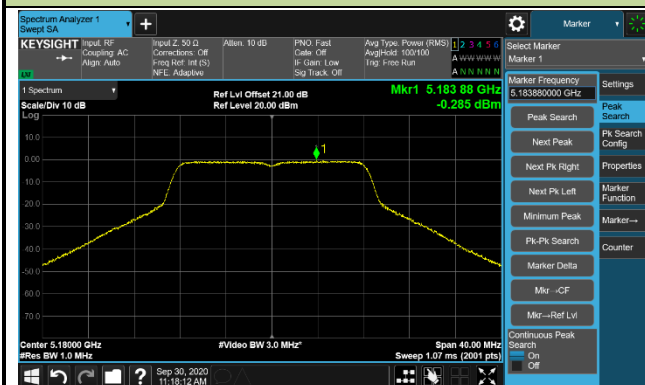
待測物名稱	OmniAccess Stellar, OAW-AP1311	溫度	24°C
測試工程師	Kevin Ker	濕度	58%
測試場地	SR2	測試日期	2020/09/30
模式	OAW-AP1311 Scan Antenna - Power Spectral Density (U-NII-3)		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Duty Cycle (%)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
11a	6Mbps	149	5745	96.21	-2.64	29.69	Pass
11a	6Mbps	157	5785	96.21	-2.60	29.69	Pass
11a	6Mbps	165	5825	96.21	-2.30	29.69	Pass

Note 1: When EUT duty cycle < 98%, Total PSD (dBm/500KHz) = PSD (dBm/500KHz) + 10*log (1/Duty Cycle).

802.11a Power Spectral Density

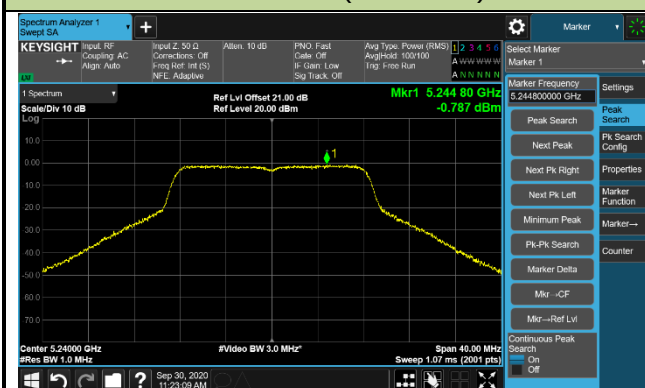
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

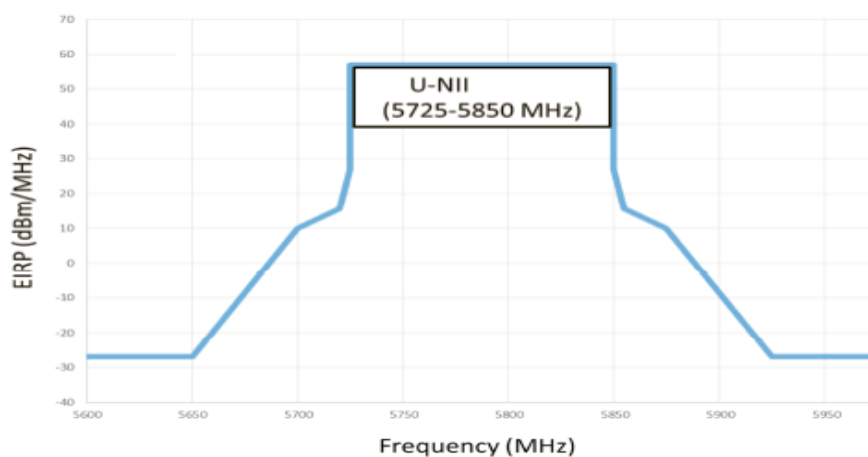


5.7. 操作頻帶外的峰值發射

5.7.1. 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：

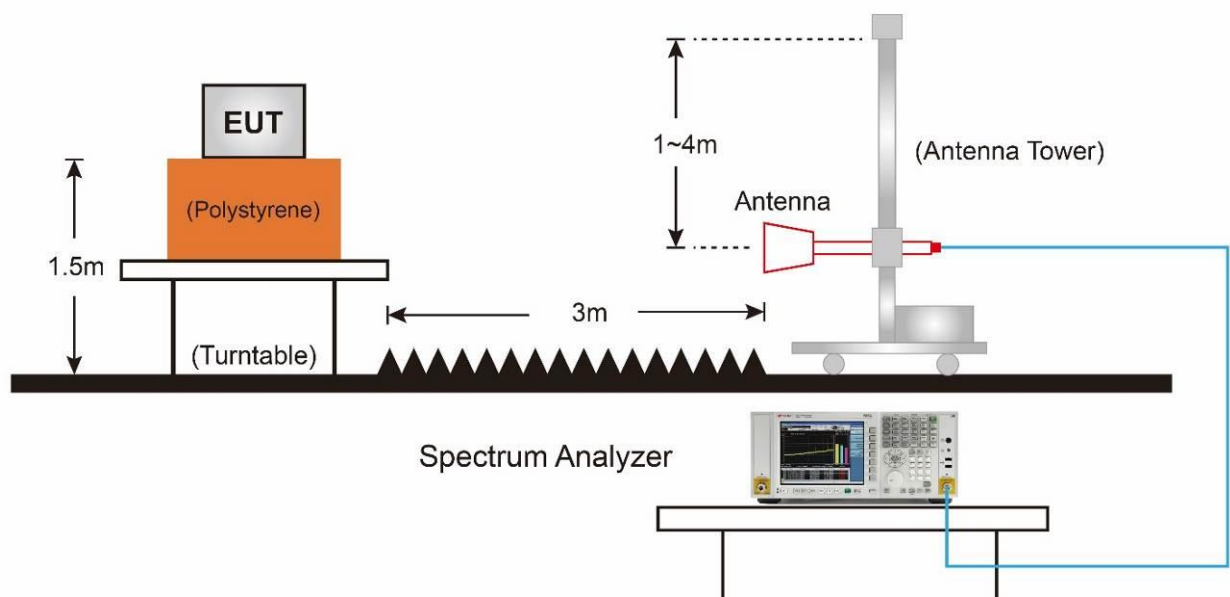
- (1) 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻段操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。
- (2) 在 5.725 GHz~5.850 GHz 的頻段操作之發射器：所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz~15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz~25 MHz，有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz~10 dBm/MHz (以線性法計算對應之限制值)；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；



5.7.2. 量測方法

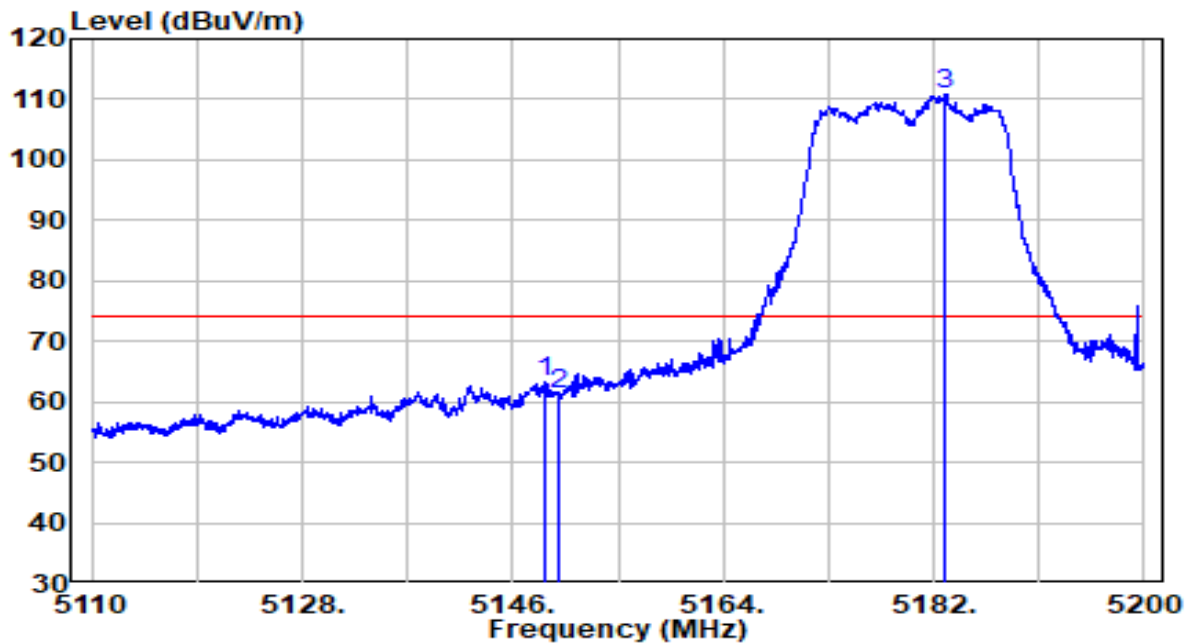
高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

5.7.3. 測試架構圖



5.7.4. 操作頻帶外的峰值發射測試結果

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	110V/60Hz

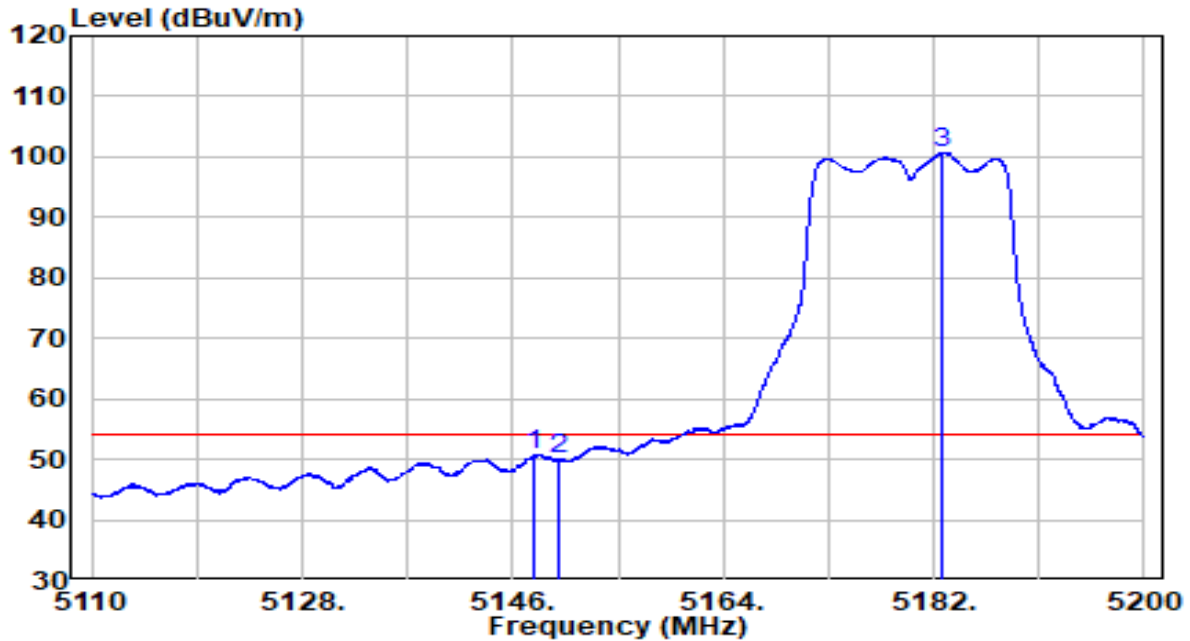


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5148.790	43.24	19.90	63.14	-10.86	74.00	Peak
2	5150.000	41.26	19.91	61.16	-12.84	74.00	Peak
3	* 5182.990	90.78	19.94	110.72	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	110V/60Hz

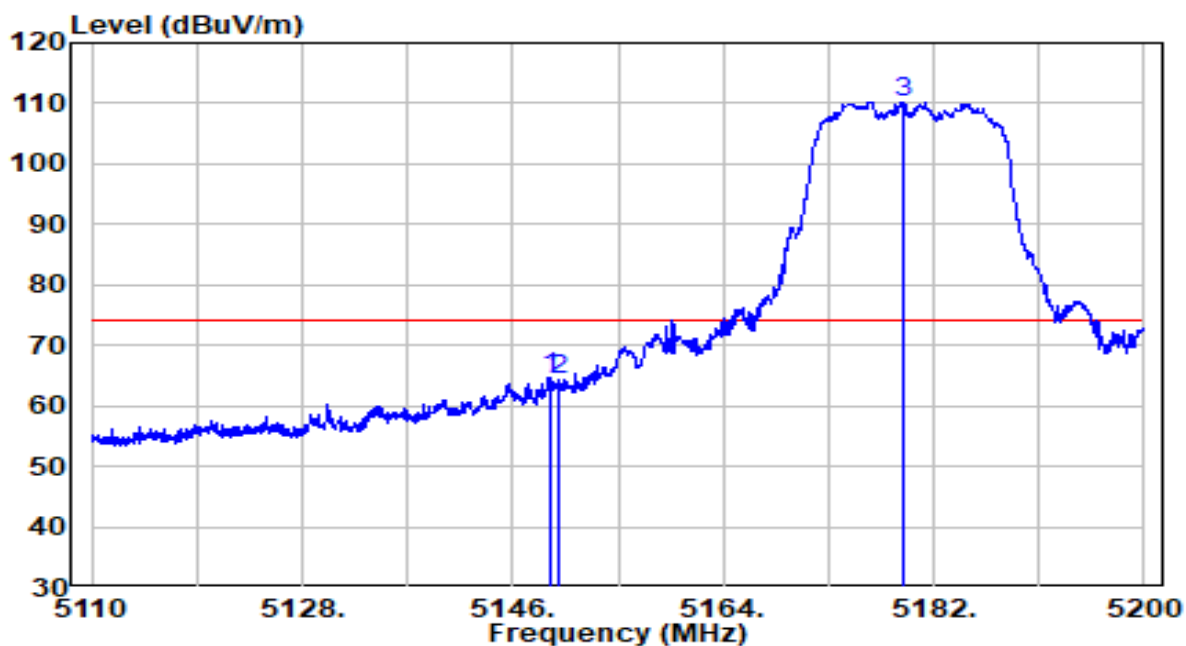


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5147.890	30.89	19.90	50.79	-3.21	54.00	Average
2	5150.000	30.09	19.91	49.99	-4.01	54.00	Average
3	* 5182.720	80.81	19.94	100.75	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB) +16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	110V/60Hz

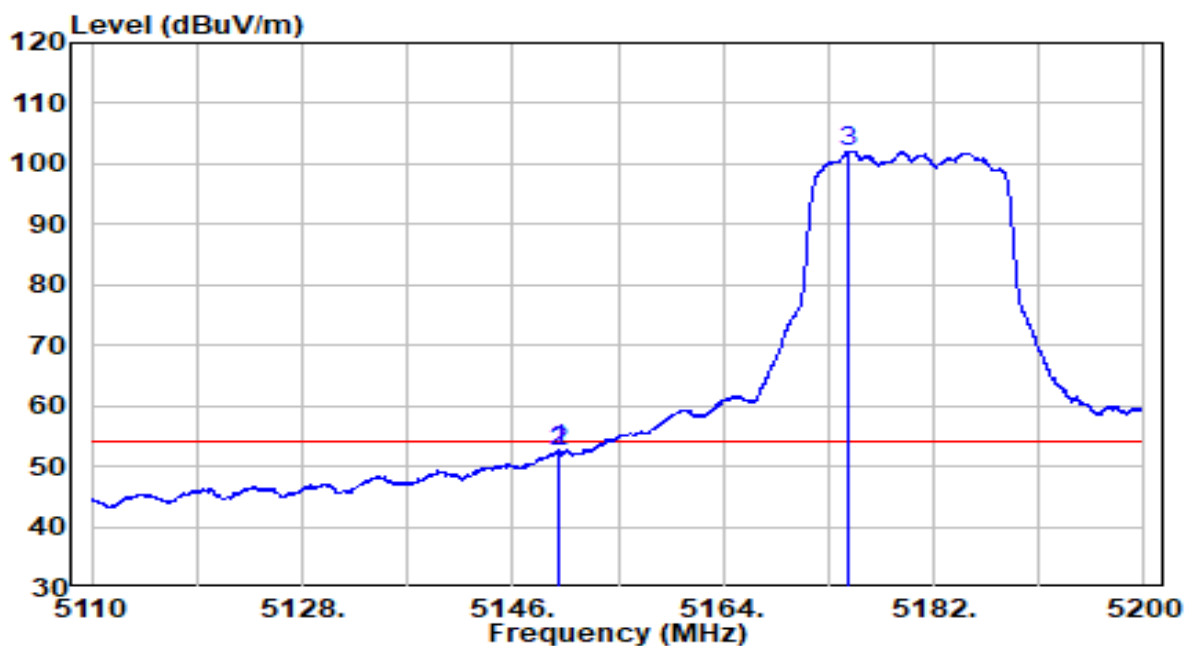


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5149.330	44.80	19.91	64.71	-9.29	74.00	Peak
2	5150.000	44.38	19.91	64.29	-9.71	74.00	Peak
3	* 5179.390	90.36	19.94	110.30	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB) +16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	110V/60Hz

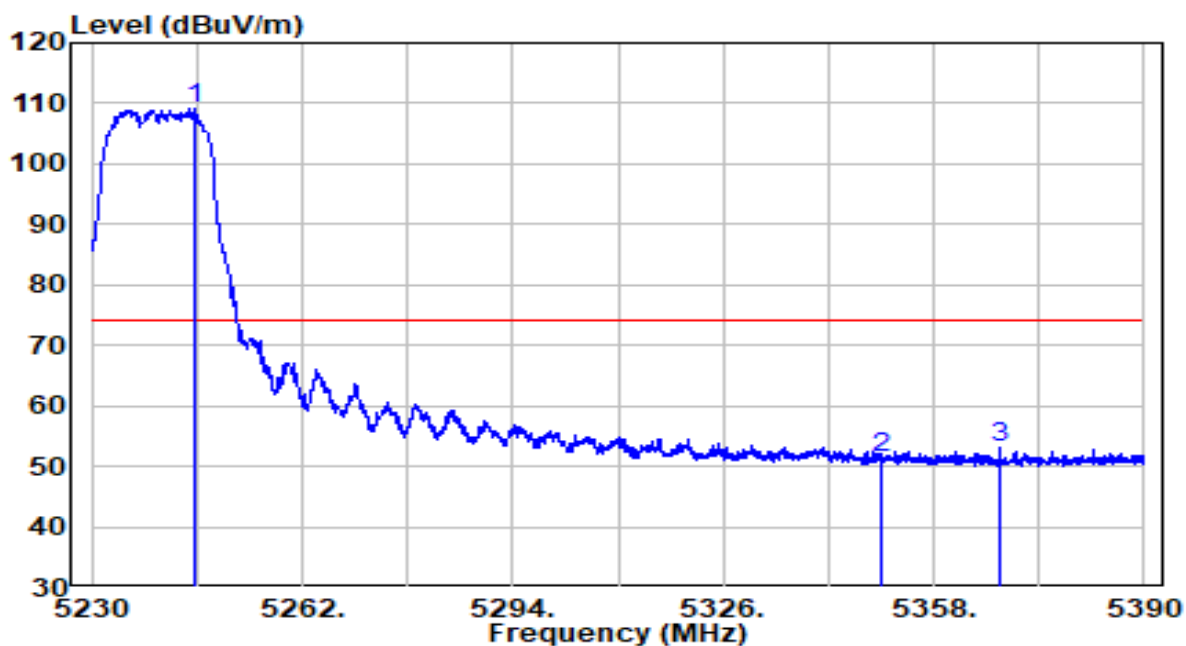


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5149.960	32.74	19.91	52.64	-1.36	54.00	Average
2	5150.000	32.64	19.91	52.55	-1.45	54.00	Average
3	* 5174.800	82.19	19.93	102.12	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	110V/60Hz

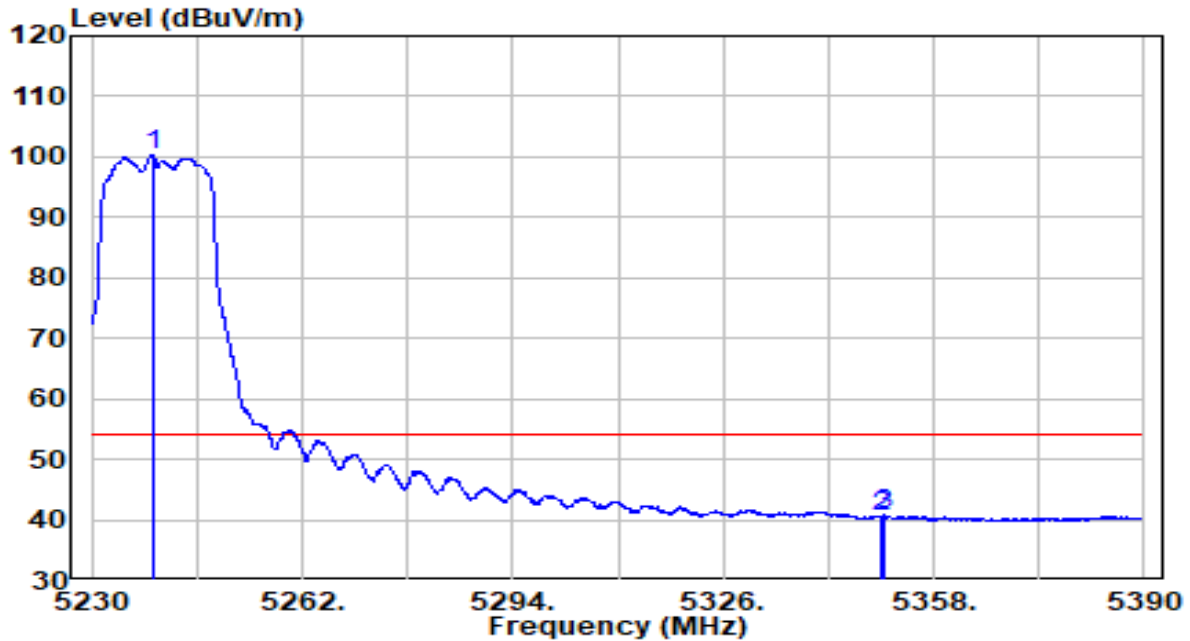


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5245.680	89.11	20.01	109.12	N/A	N/A	Peak
2		5350.000	31.19	20.11	51.30	-22.70	74.00	Peak
3		5368.160	32.83	20.13	52.97	-21.03	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	110V/60Hz

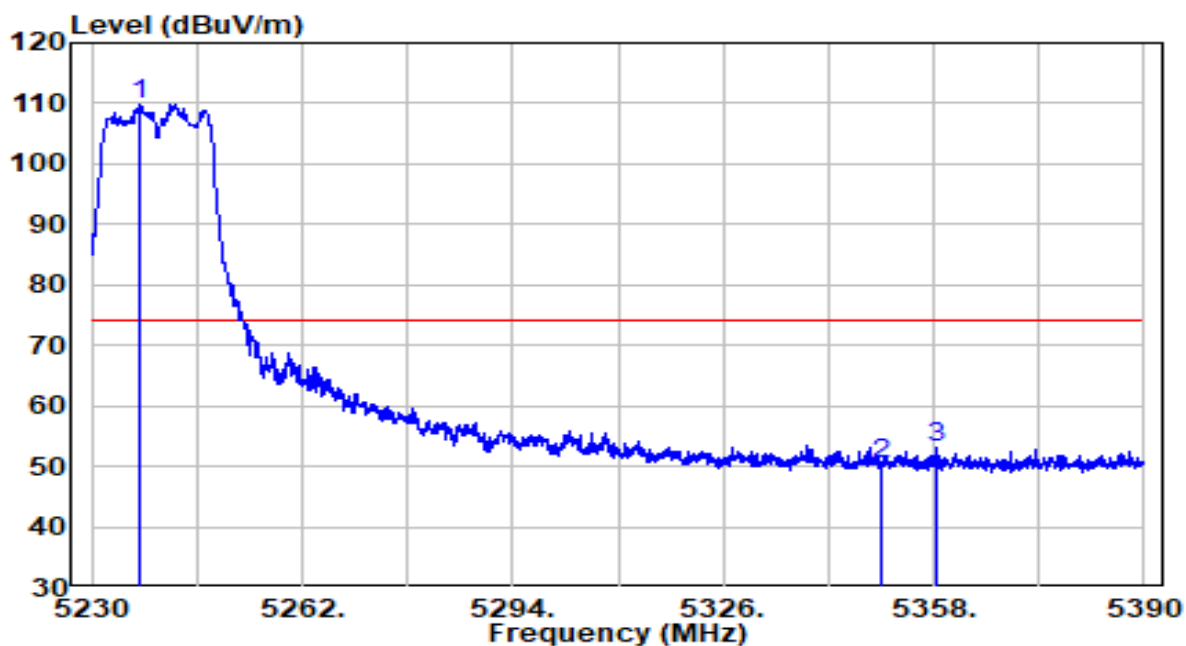


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5239.280	80.35	20.00	100.35	N/A	N/A	Average
2		5350.000	20.30	20.11	40.41	-13.59	54.00	Average
3		5350.480	20.60	20.11	40.72	-13.28	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	110V/60Hz

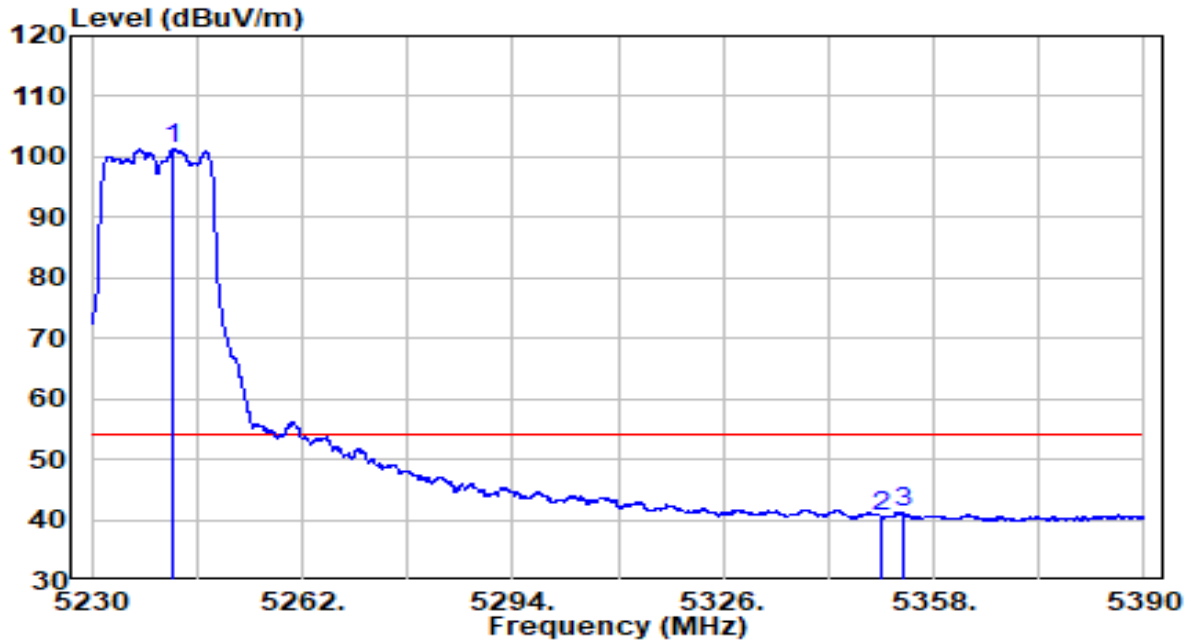


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5237.440	89.81	20.00	109.81	N/A	N/A	Peak
2		5350.000	30.29	20.11	50.41	-23.59	74.00	Peak
3		5358.240	32.92	20.12	53.04	-20.96	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	110V/60Hz

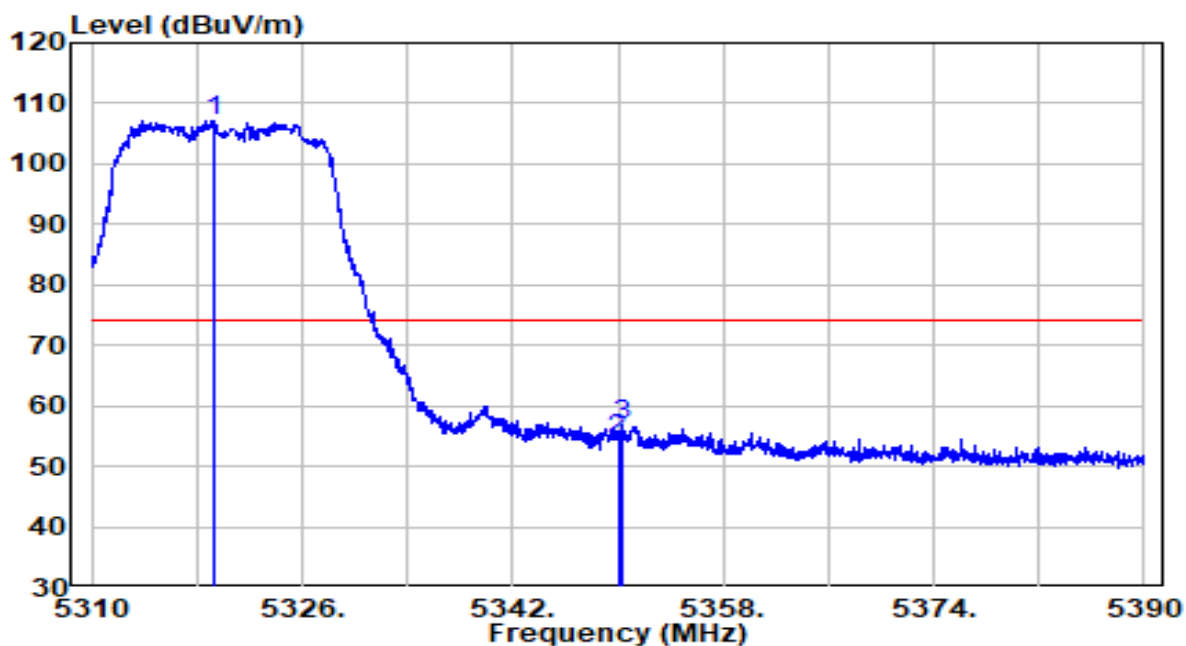


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5242.400	81.23	20.00	101.23	N/A	N/A	Average
2		5350.000	20.38	20.11	40.49	-13.51	54.00	Average
3		5353.360	21.04	20.12	41.16	-12.84	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	110V/60Hz

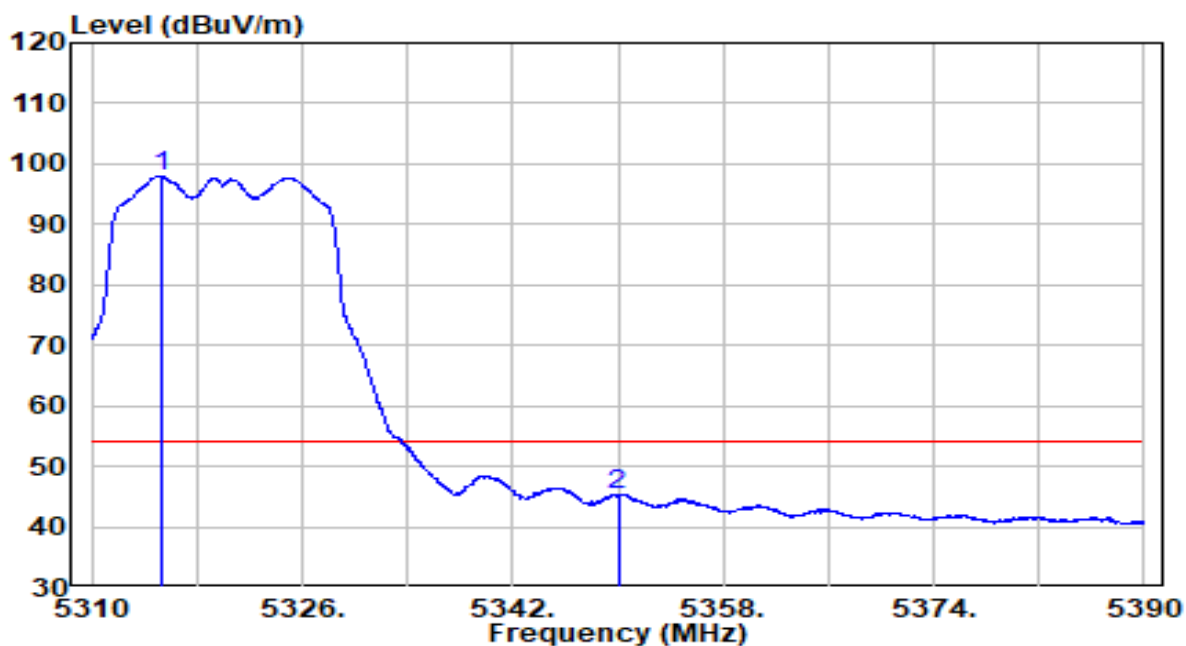


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.360	87.06	20.08	107.14	N/A	N/A	Peak
2		5350.000	34.45	20.11	54.57	-19.43	74.00	Peak
3		5350.360	36.80	20.11	56.92	-17.08	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	110V/60Hz

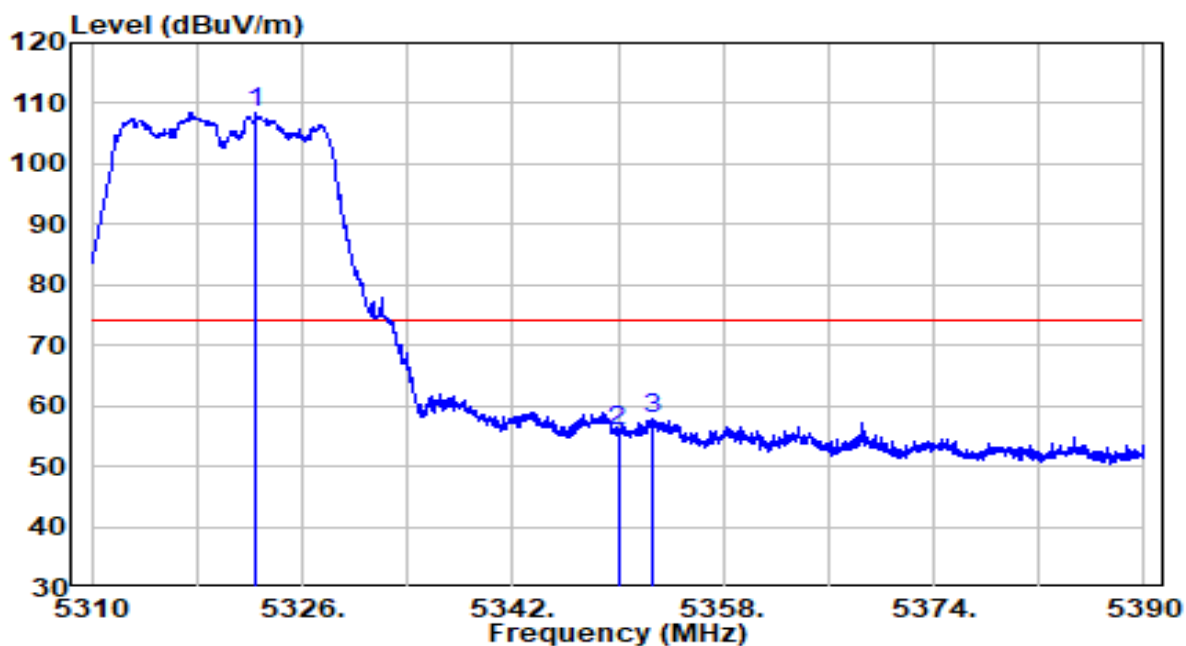


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5315.280	77.81	20.08	97.89	N/A	N/A	Average
2		5350.000	25.23	20.11	45.34	-8.66	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	110V/60Hz

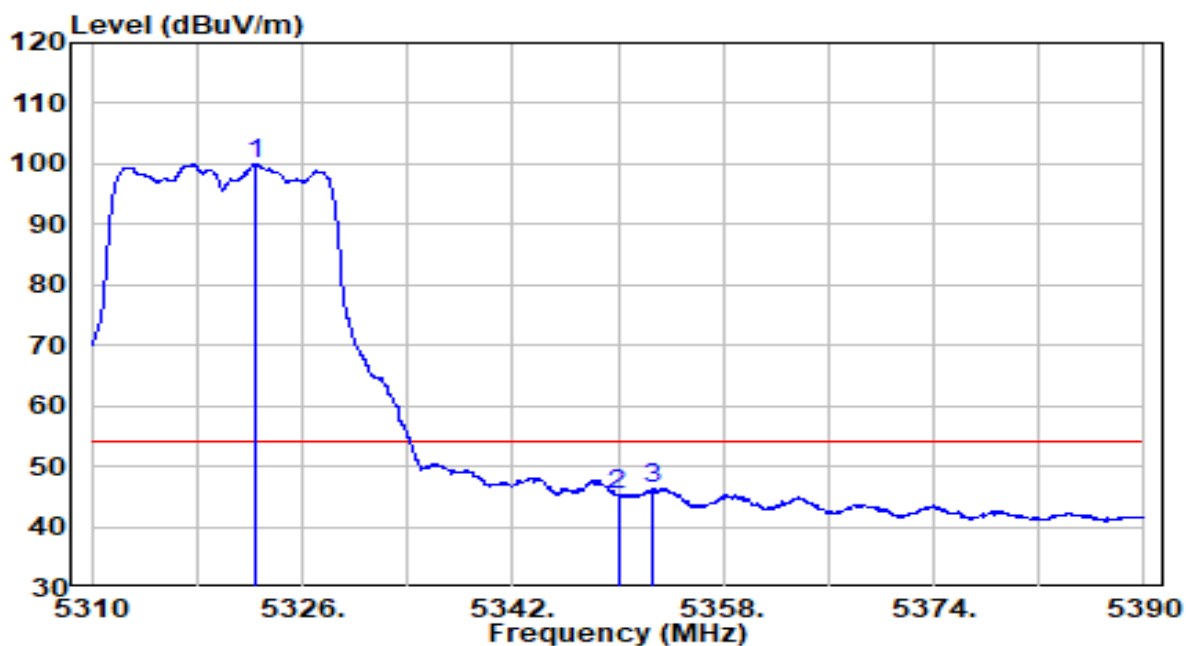


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5322.440	88.52	20.09	108.60	N/A	N/A	Peak
2		5350.000	35.66	20.11	55.77	-18.23	74.00	Peak
3		5352.600	37.82	20.12	57.94	-16.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	110V/60Hz

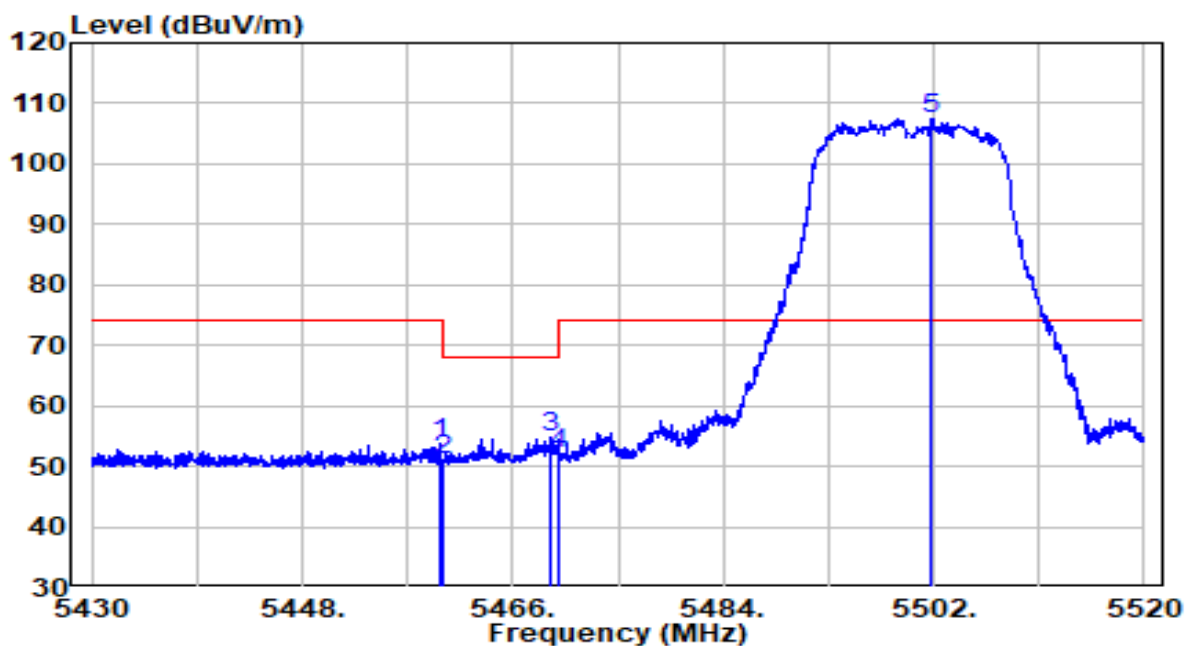


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5322.400	79.84	20.09	99.92	N/A	N/A	Average
2		5350.000	25.05	20.11	45.16	-8.84	54.00	Average
3		5352.560	26.13	20.12	46.24	-7.76	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	110V/60Hz

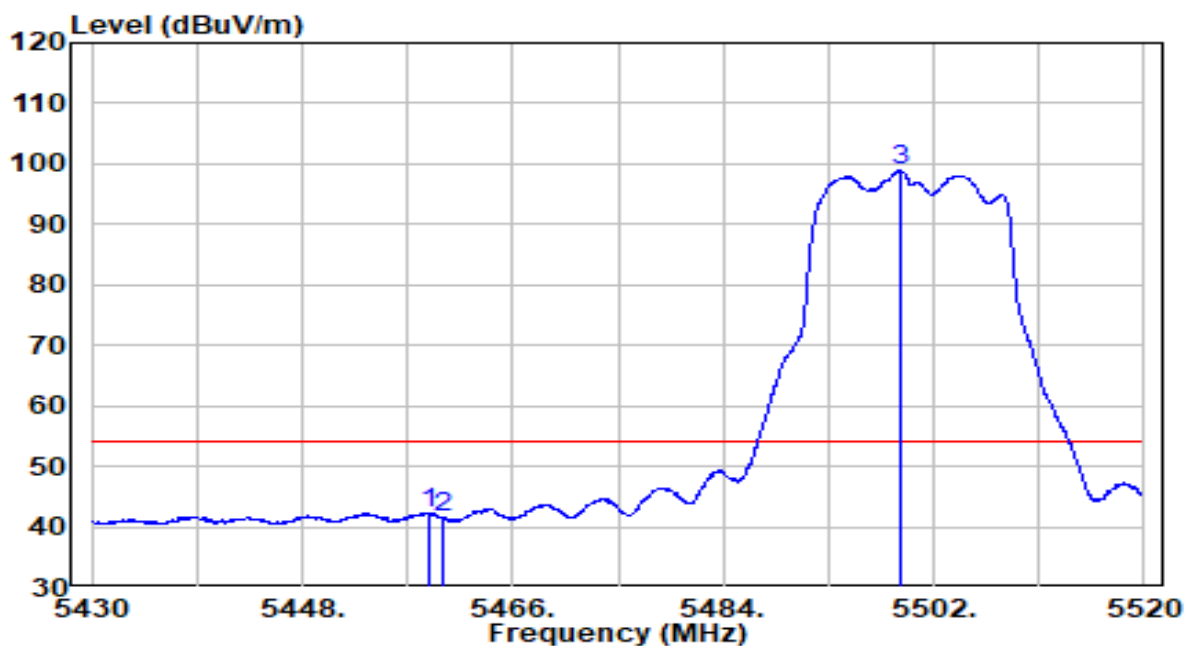


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5459.745	33.44	20.23	53.67	-20.33	74.00	Peak
2	5460.000	30.67	20.23	50.90	-17.30	68.20	Peak
3	5469.240	34.72	20.24	54.96	-13.24	68.20	Peak
4	5470.000	31.72	20.24	51.95	-16.25	68.20	Peak
5	* 5501.820	87.28	20.28	107.55	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	110V/60Hz

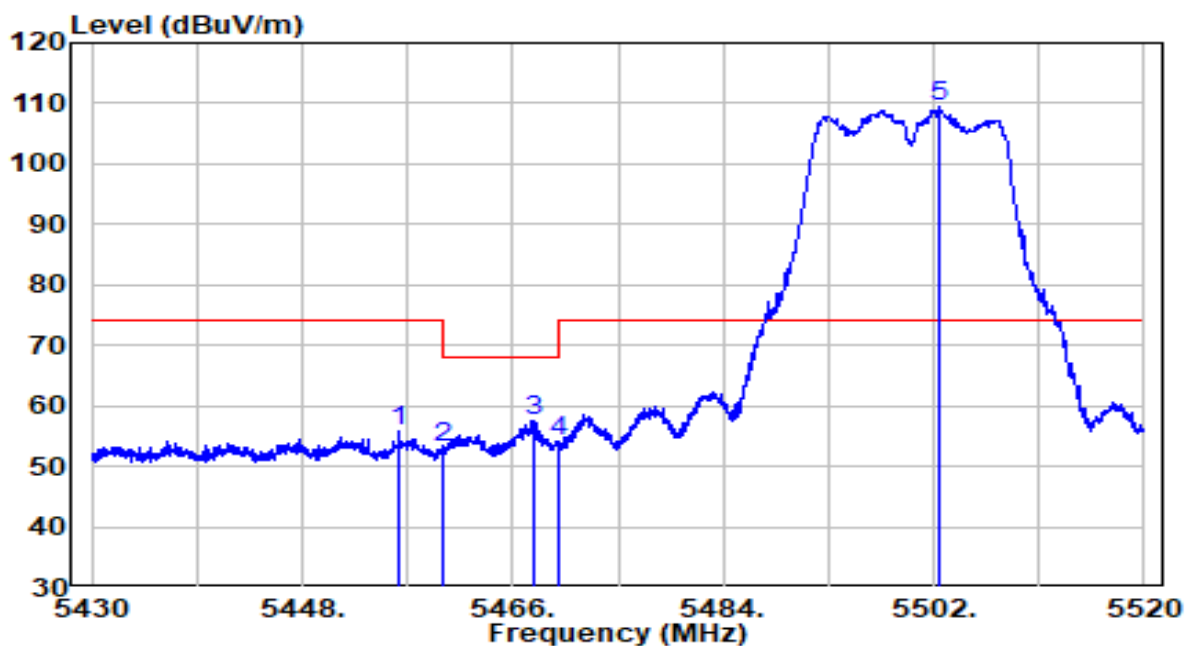


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5458.935	22.08	20.23	42.31	-11.69	54.00	Average
2	5460.000	21.20	20.23	41.42	-12.58	54.00	Average
3	* 5499.075	78.64	20.27	98.91	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	110V/60Hz

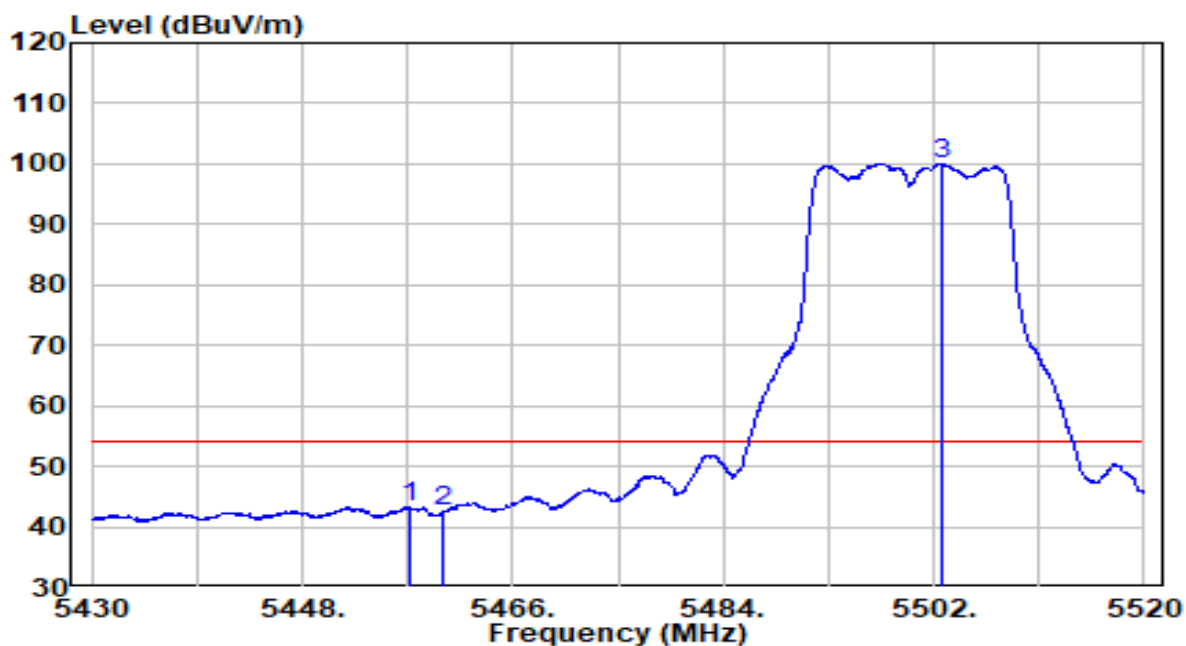


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5456.280	35.53	20.22	55.75	-18.25	74.00	Peak
2	5460.000	32.92	20.23	53.15	-15.05	68.20	Peak
3	5467.755	37.43	20.24	57.67	-10.53	68.20	Peak
4	5470.000	33.72	20.24	53.96	-14.24	68.20	Peak
5	* 5502.540	89.13	20.28	109.41	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	110V/60Hz

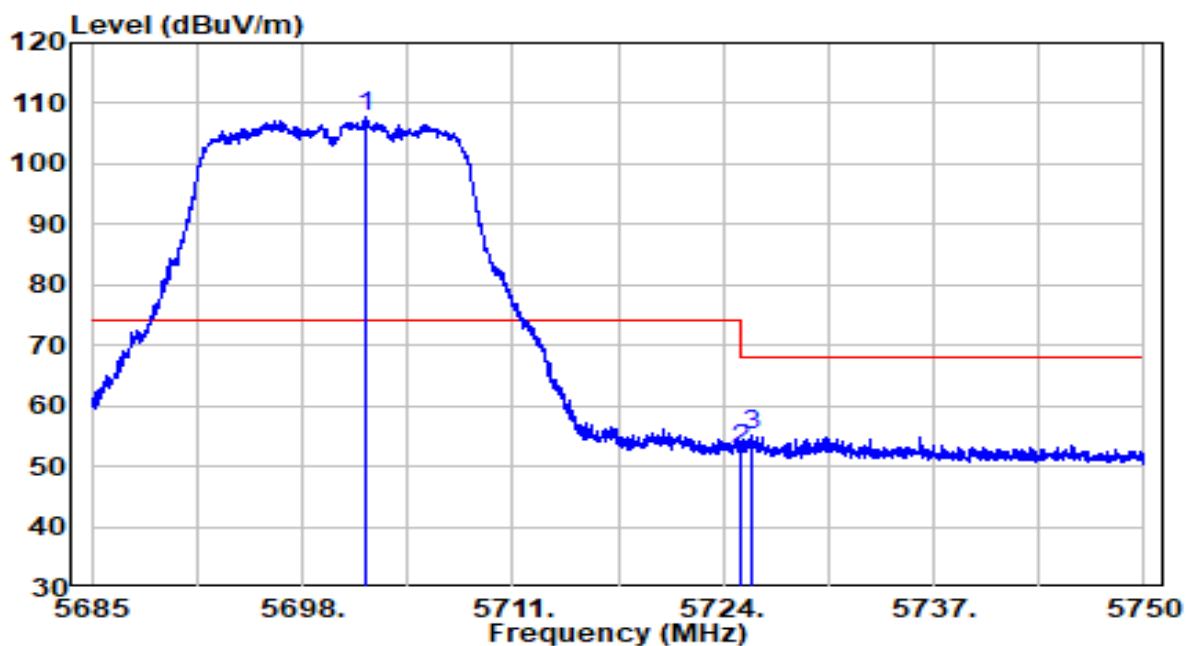


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5457.135	23.07	20.23	43.30	-10.70	54.00	Average
2	5460.000	22.36	20.23	42.59	-11.41	54.00	Average
3	* 5502.630	79.85	20.28	100.13	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	110V/60Hz

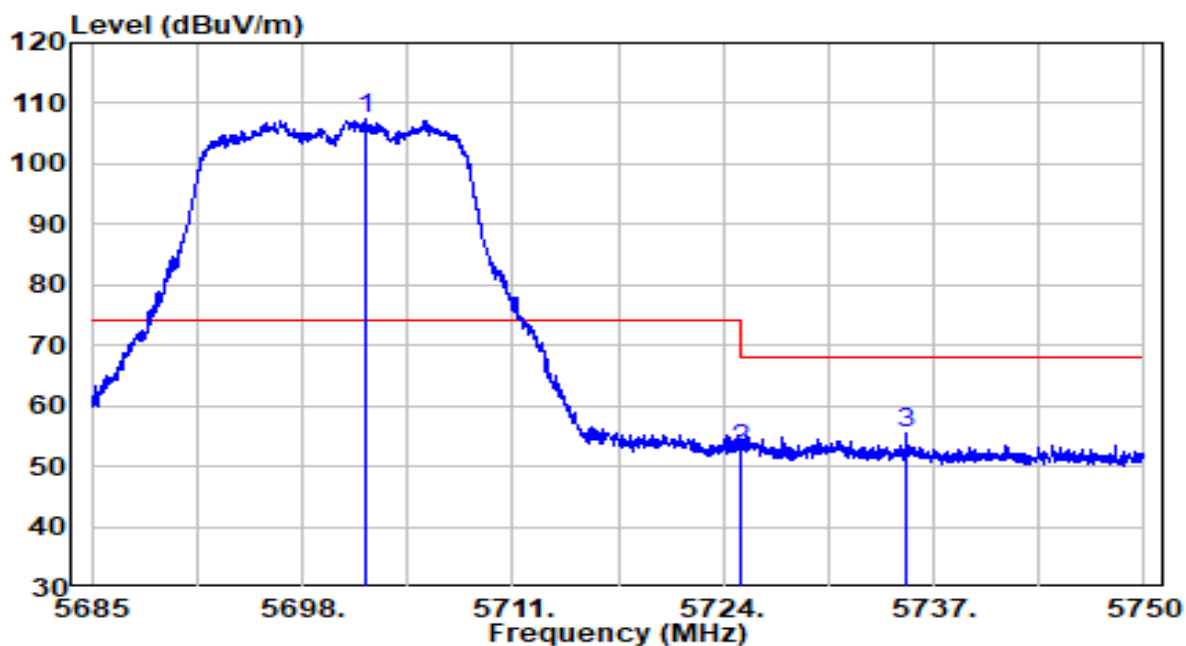


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5701.900	86.77	20.92	107.70	N/A	N/A	Peak
2		5725.000	31.90	21.00	52.90	-15.30	68.20	Peak
3		5725.820	34.15	21.00	55.15	-13.05	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	110V/60Hz

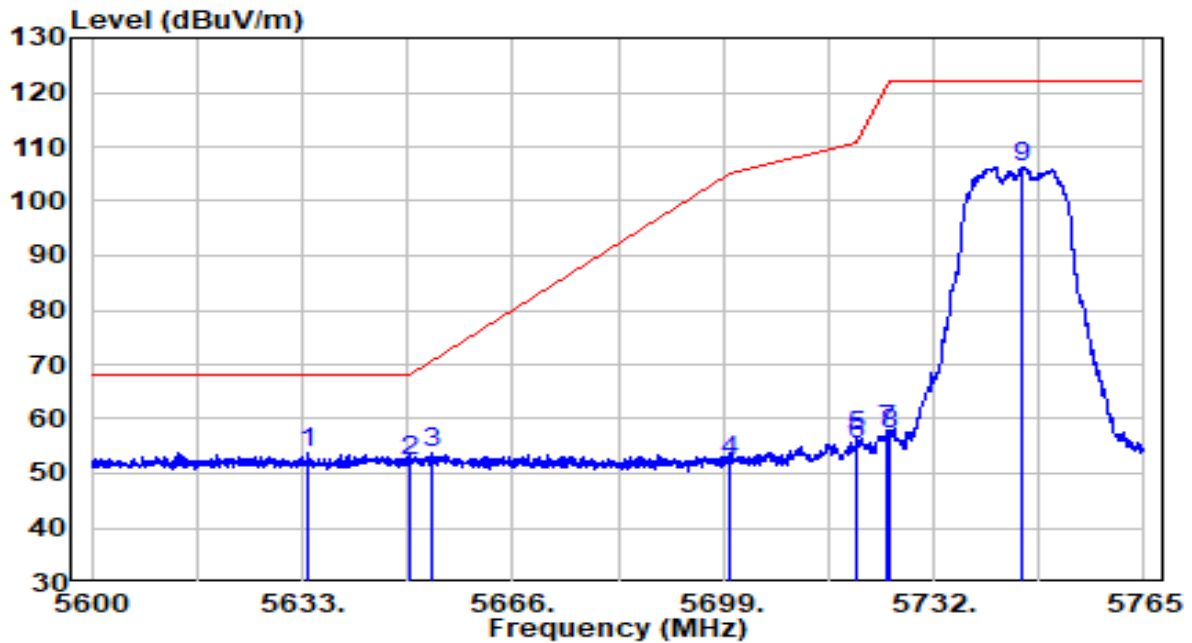


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5701.868	86.48	20.92	107.40	N/A	N/A	Peak
2		5725.000	31.90	21.00	52.89	-15.31	68.20	Peak
3		5735.375	34.50	21.03	55.53	-12.67	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-12
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	110V/60Hz

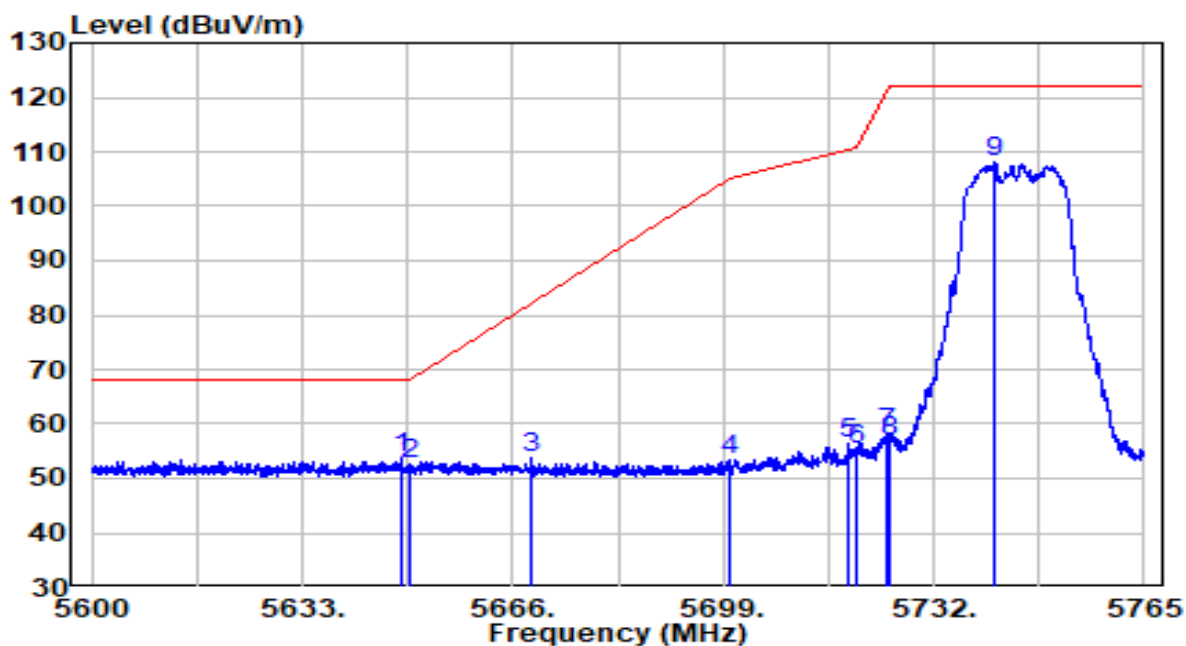


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5634.072	8.47	45.24	53.70	-14.50	68.20	Peak
2		5650.000	7.00	45.30	52.30	-15.90	68.20	Peak
3		5653.130	8.32	45.31	53.63	-16.88	70.52	Peak
4		5700.000	6.65	45.50	52.15	-53.05	105.20	Peak
5		5719.955	11.38	45.58	56.96	-53.83	110.79	Peak
6		5720.000	9.72	45.58	55.30	-55.50	110.80	Peak
7		5724.658	12.23	45.60	57.83	-63.59	121.42	Peak
8		5725.000	11.75	45.60	57.35	-64.85	122.20	Peak
9		5745.695	60.71	45.68	106.39	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-12
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	110V/60Hz

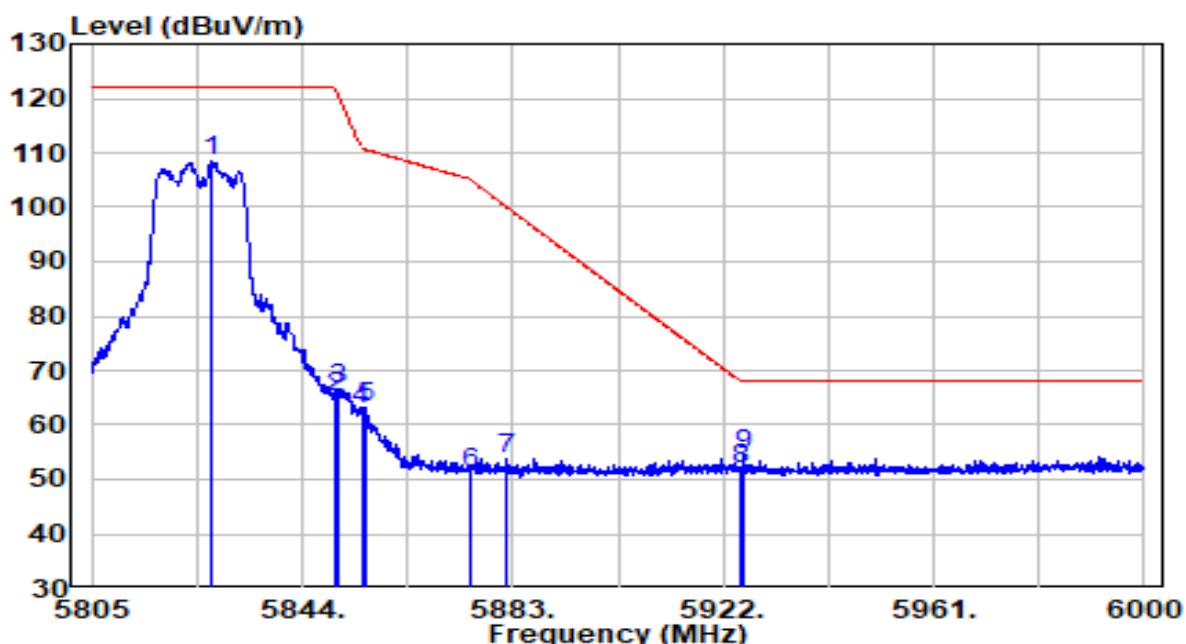


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5648.428	8.49	45.29	53.78	-14.42	68.20	Peak
2	5650.000	7.20	45.30	52.50	-15.70	68.20	Peak
3	5668.805	8.23	45.38	53.60	-28.51	82.12	Peak
4	5700.000	7.77	45.50	53.27	-51.93	105.20	Peak
5	5718.800	10.80	45.58	56.37	-54.09	110.46	Peak
6	5720.000	9.85	45.58	55.43	-55.37	110.80	Peak
7	5724.575	12.85	45.60	58.45	-62.78	121.23	Peak
8	5725.000	11.35	45.60	56.95	-65.25	122.20	Peak
9	* 5741.487	62.29	45.67	107.95	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	110V/60Hz

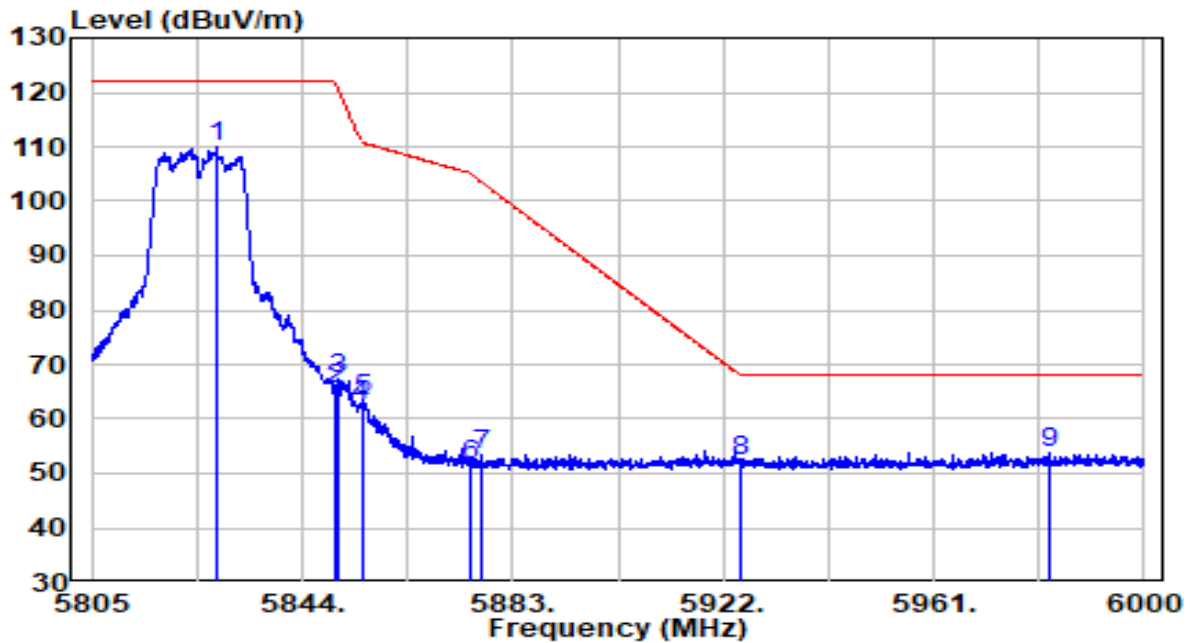


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5826.938	87.00	21.33	108.33	N/A	N/A	Peak
2	5850.000	43.71	21.40	65.11	-57.09	122.20	Peak
3	5850.435	45.08	21.41	66.48	-54.72	121.21	Peak
4	5855.000	41.55	21.42	62.97	-47.83	110.80	Peak
5	5855.700	41.61	21.42	63.03	-47.57	110.60	Peak
6	5875.000	29.61	21.49	51.10	-54.10	105.20	Peak
7	5881.732	32.13	21.51	53.63	-46.57	100.20	Peak
8	5925.000	30.09	21.65	51.74	-16.46	68.20	Peak
9	* 5925.607	32.87	21.65	54.52	-13.68	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	110V/60Hz

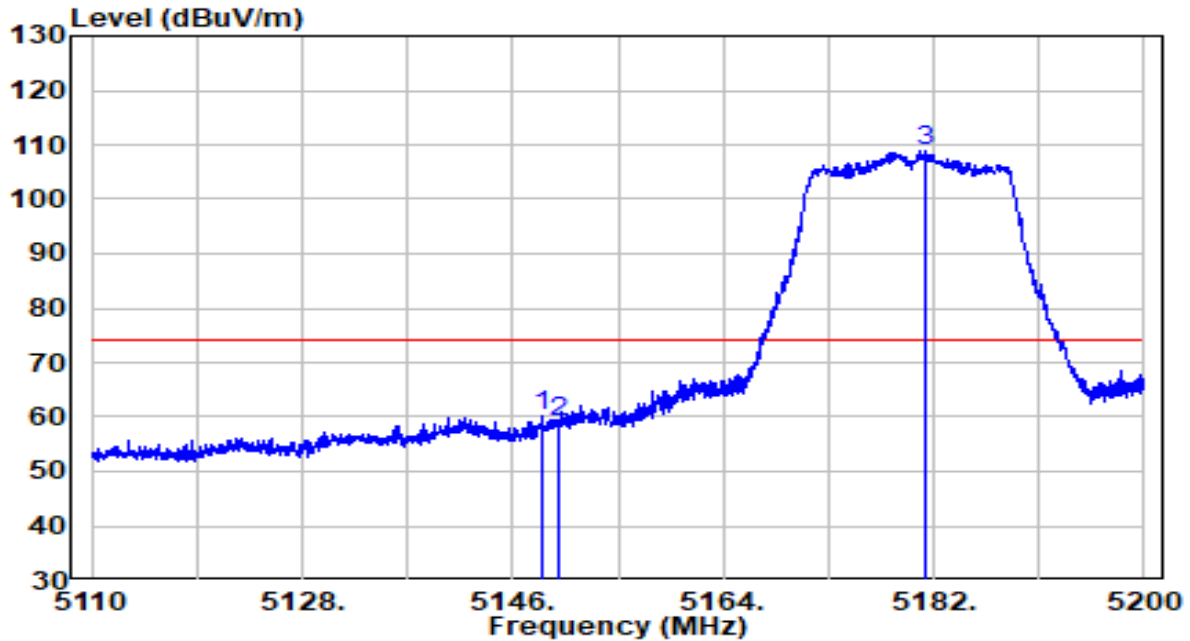


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5828.107	88.51	21.33	109.85	N/A	N/A	Peak
2		5850.000	44.23	21.40	65.63	-56.57	122.20	Peak
3		5850.728	45.85	21.41	67.25	-53.29	120.54	Peak
4		5855.000	41.05	21.42	62.47	-48.33	110.80	Peak
5		5855.212	42.26	21.42	63.68	-47.06	110.74	Peak
6		5875.000	30.12	21.49	51.61	-53.59	105.20	Peak
7		5877.150	31.99	21.49	53.48	-50.12	103.60	Peak
8		5925.000	30.44	21.65	52.09	-16.11	68.20	Peak
9		5982.255	32.02	21.83	53.85	-14.35	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	110V/60Hz

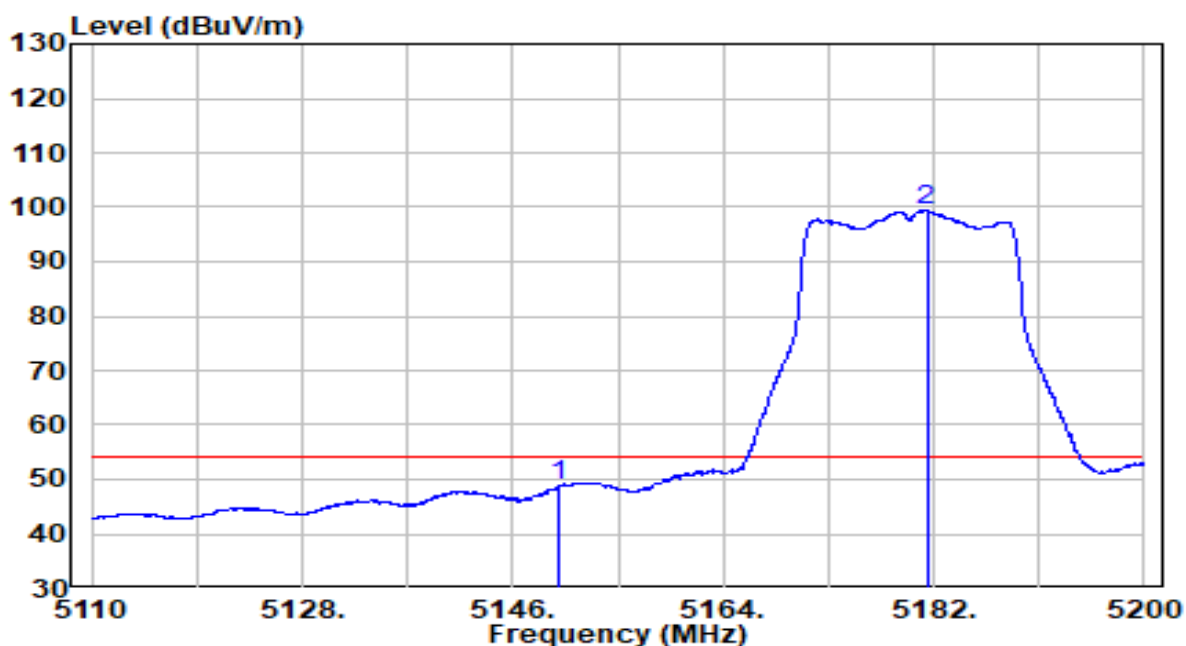


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5148.520	40.33	19.90	60.24	-13.76	74.00	Peak
2	5150.000	39.14	19.91	59.04	-14.96	74.00	Peak
3	* 5181.190	89.07	19.94	109.01	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	110V/60Hz

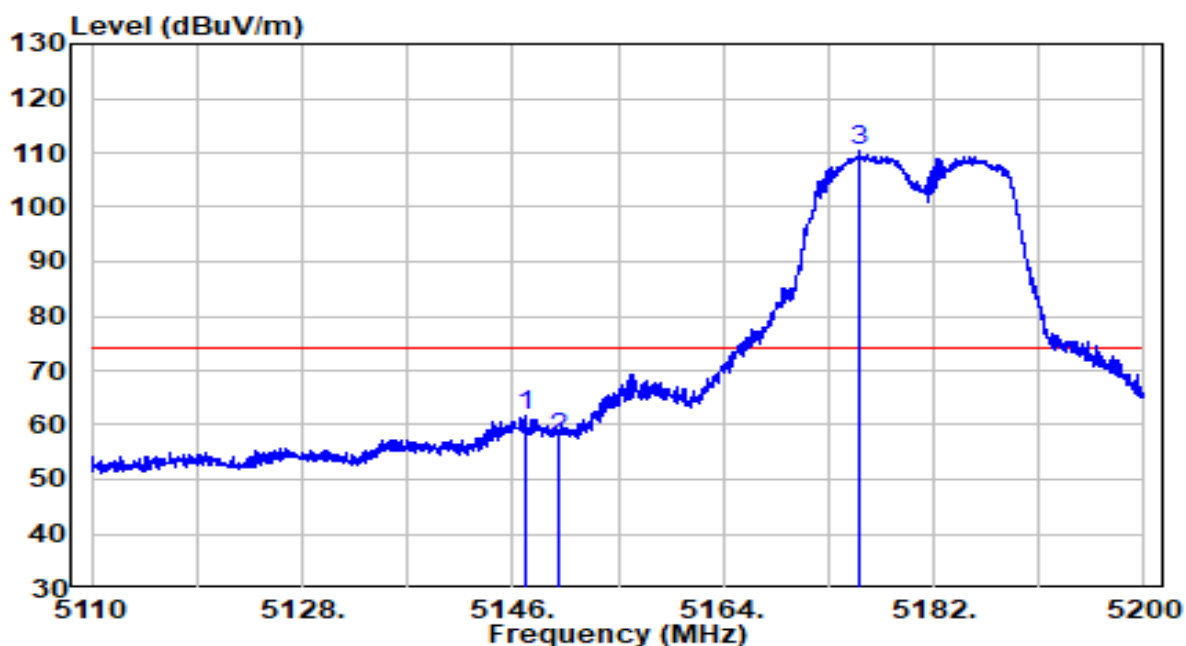


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5150.000	28.92	19.91	48.82	-5.18	54.00	Average
2	* 5181.415	79.44	19.94	99.38	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	110V/60Hz

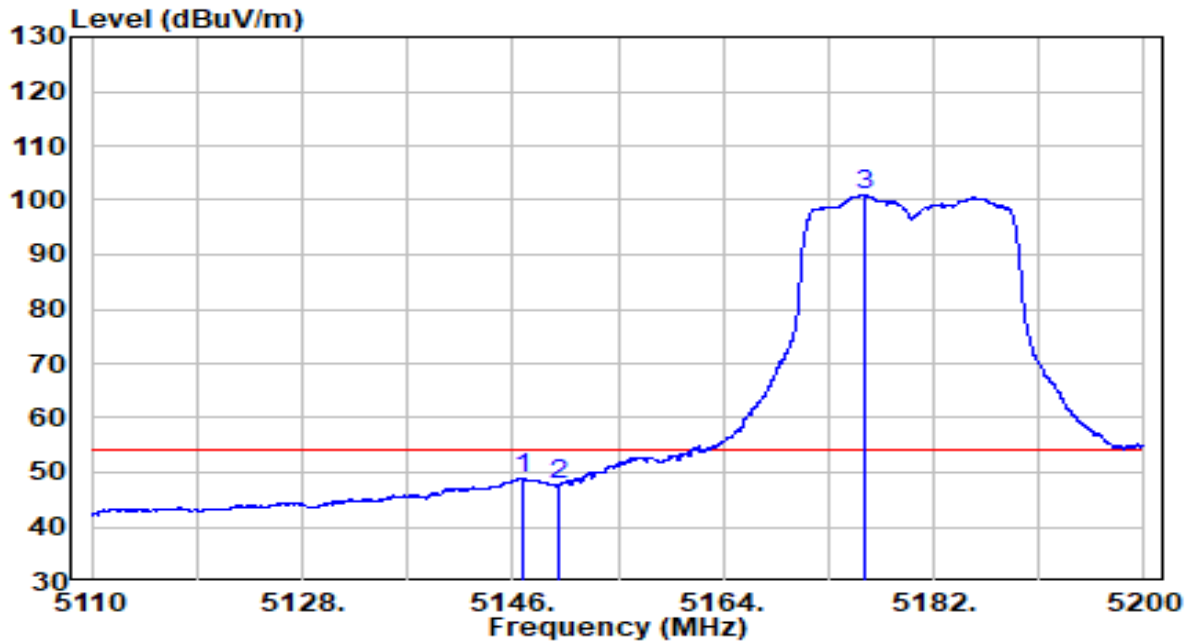


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5147.035	41.97	19.90	61.87	-12.13	74.00	Peak
2	5150.000	37.72	19.91	57.63	-16.37	74.00	Peak
3	* 5175.655	90.47	19.93	110.41	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	110V/60Hz

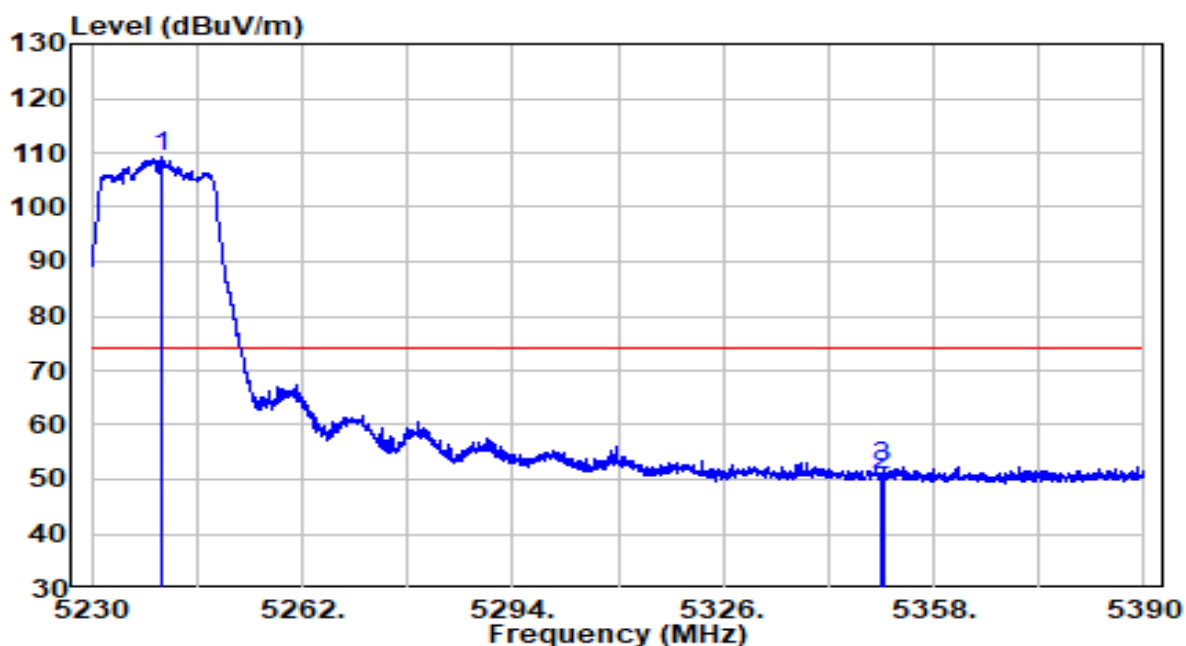


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5146.945	28.93	19.90	48.83	-5.17	54.00	Average
2	5150.000	27.92	19.91	47.82	-6.18	54.00	Average
3	* 5176.105	80.94	19.93	100.87	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	110V/60Hz

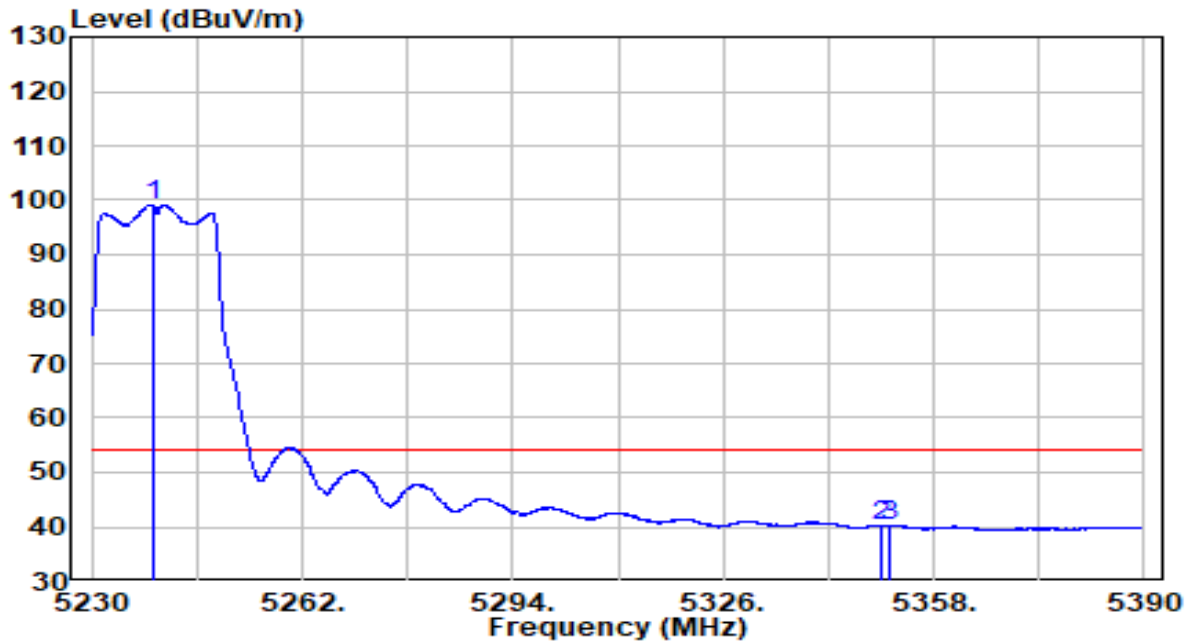


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5240.640	89.21	20.00	109.21	N/A	N/A	Peak
2		5350.000	30.61	20.11	50.72	-23.28	74.00	Peak
3		5350.240	32.15	20.11	52.27	-21.73	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	110V/60Hz

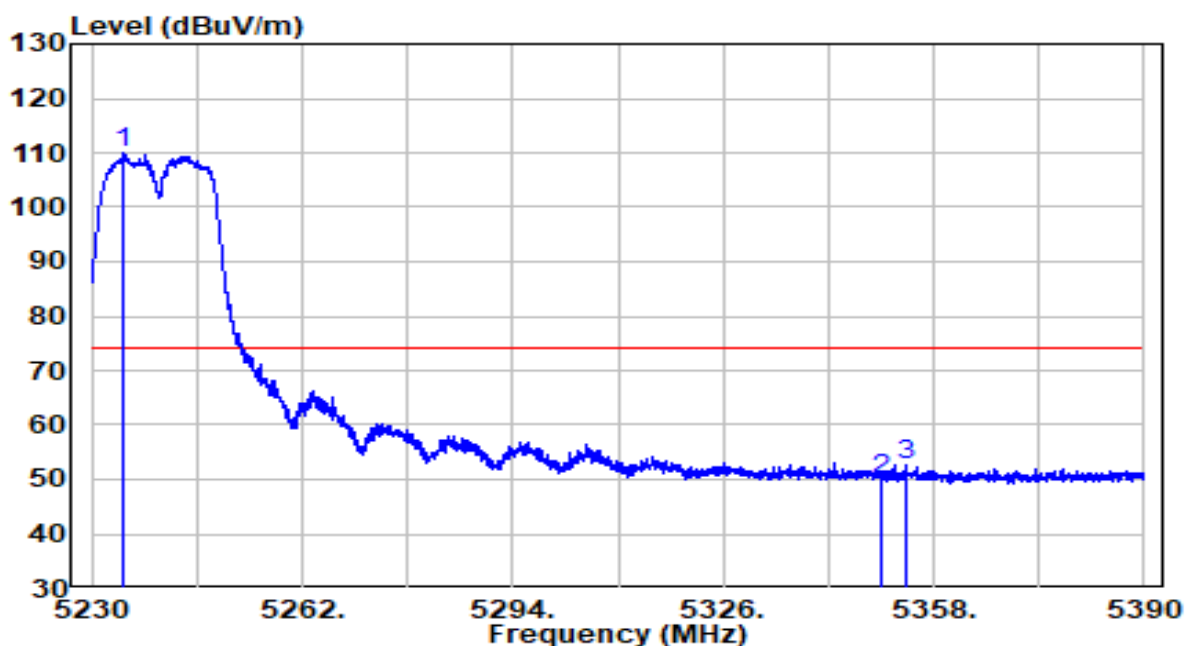


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5239.280	79.16	20.00	99.16	N/A	N/A	Average
2		5350.000	20.10	20.11	40.21	-13.79	54.00	Average
3		5351.280	20.22	20.12	40.34	-13.66	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	110V/60Hz

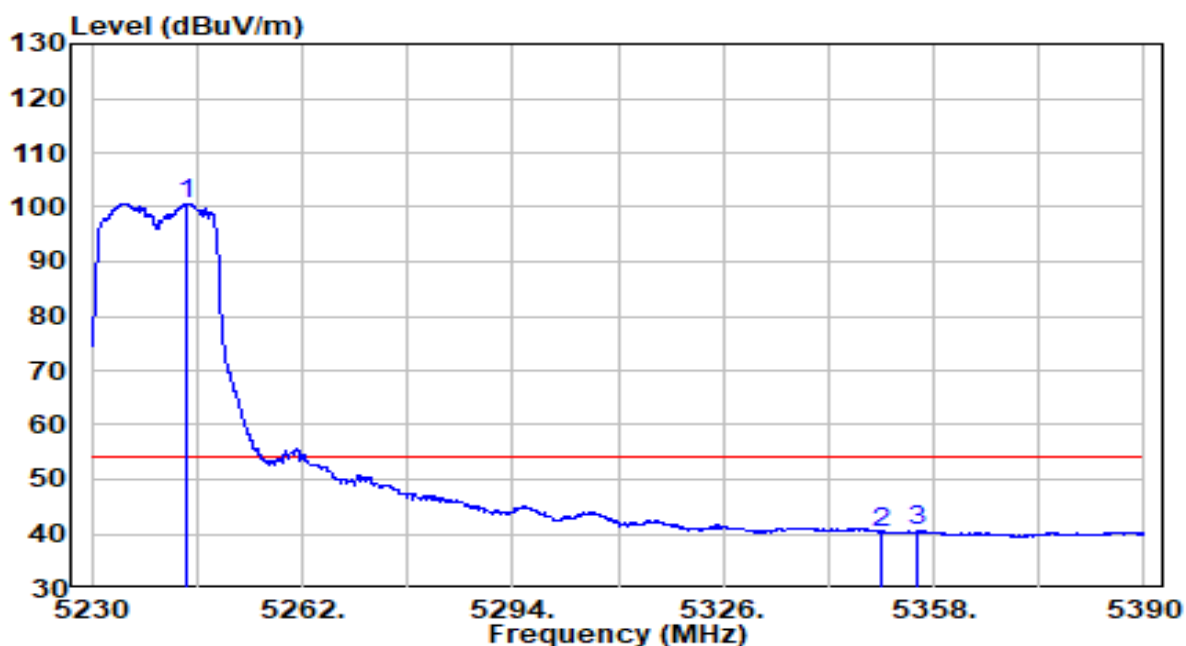


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5234.880	90.11	19.99	110.10	N/A	N/A	Peak
2		5350.000	30.00	20.11	50.12	-23.88	74.00	Peak
3		5353.760	32.53	20.12	52.65	-21.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	110V/60Hz

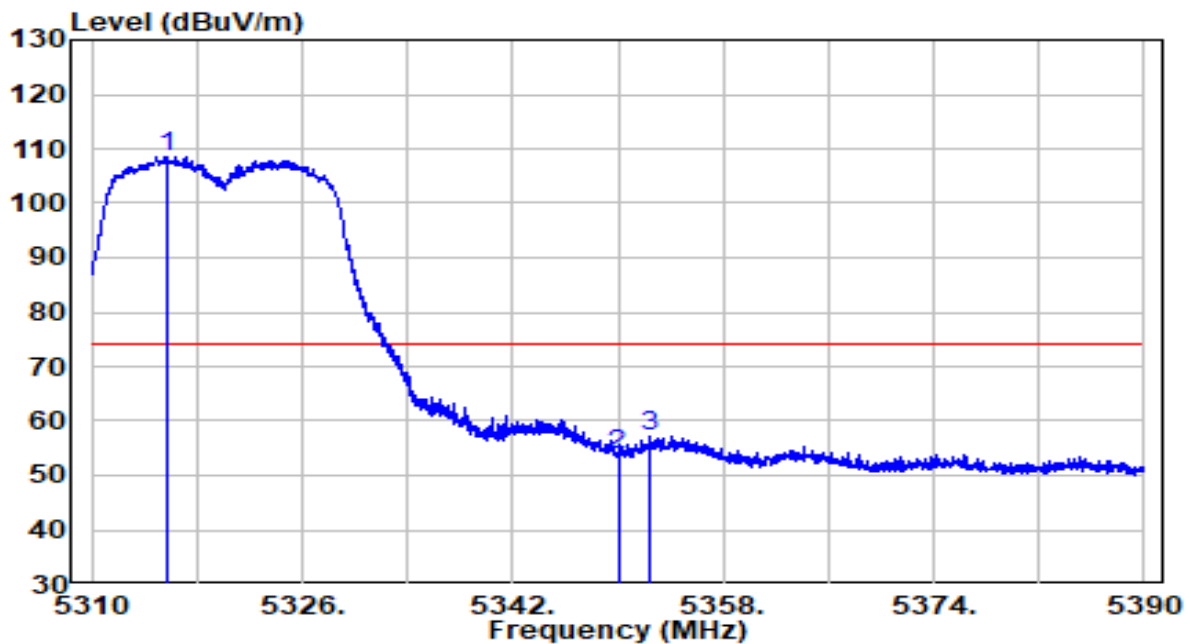


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5244.240	80.73	20.00	100.73	N/A	N/A	Average
2		5350.000	20.19	20.11	40.30	-13.70	54.00	Average
3		5355.680	20.41	20.12	40.53	-13.47	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	110V/60Hz

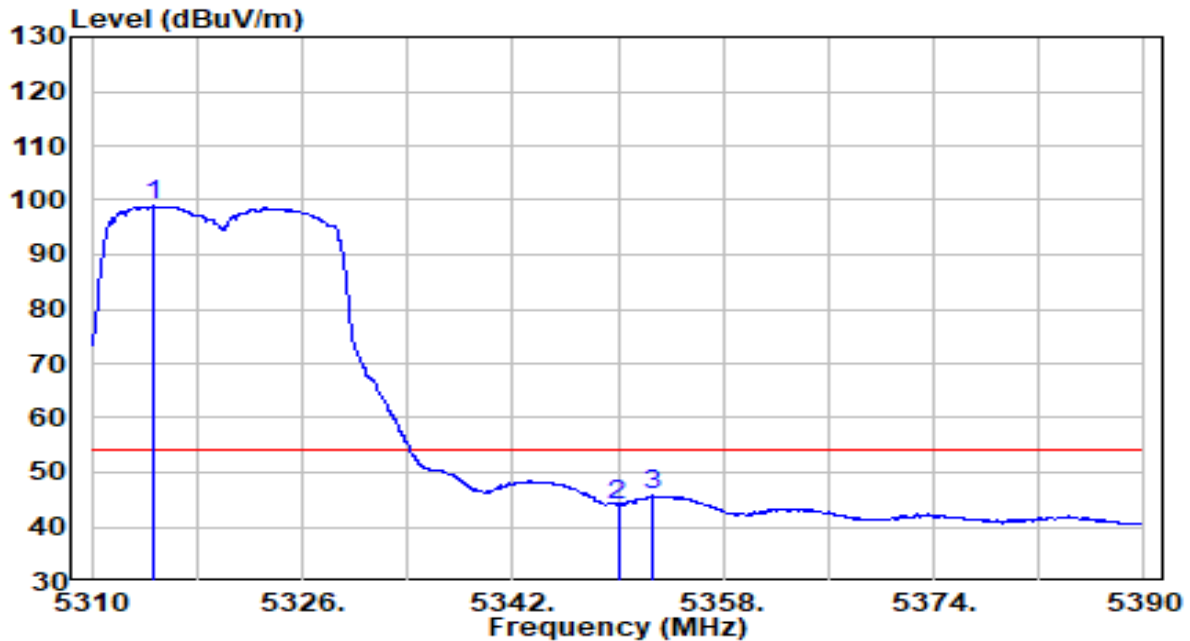


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5315.640	88.56	20.08	108.63	N/A	N/A	Peak
2		5350.000	33.69	20.11	53.80	-20.20	74.00	Peak
3		5352.360	37.23	20.12	57.34	-16.66	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	110V/60Hz

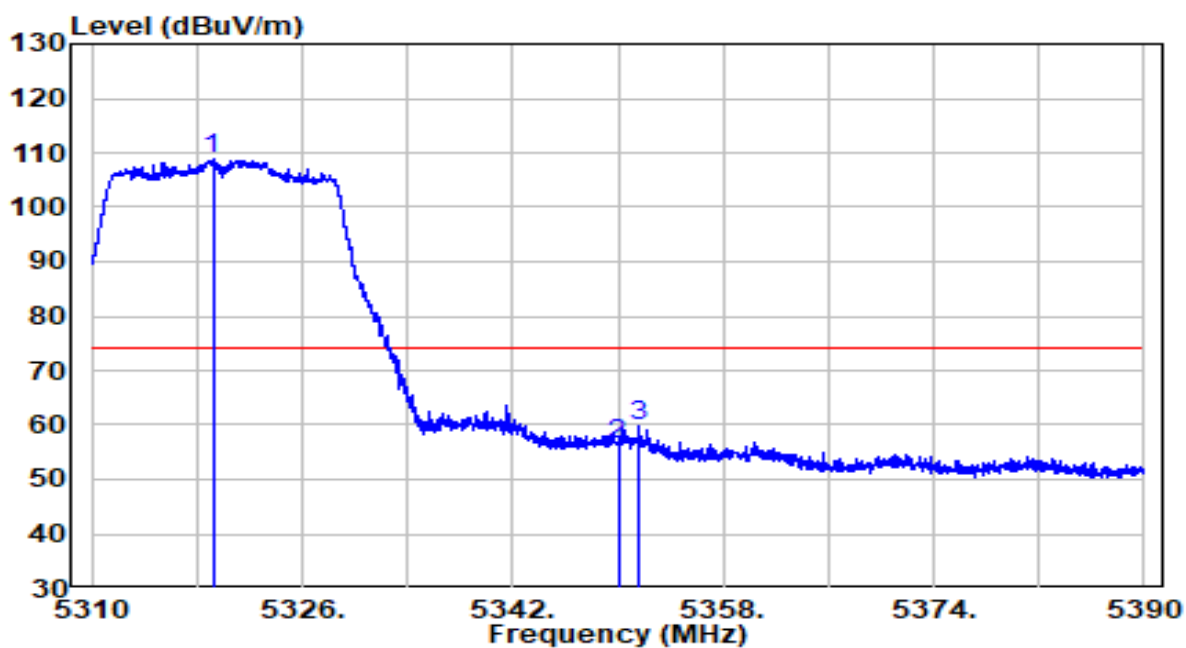


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5314.640	78.82	20.08	98.89	N/A	N/A	Average
2		5350.000	23.99	20.11	44.11	-9.89	54.00	Average
3		5352.560	25.60	20.12	45.72	-8.28	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	110V/60Hz

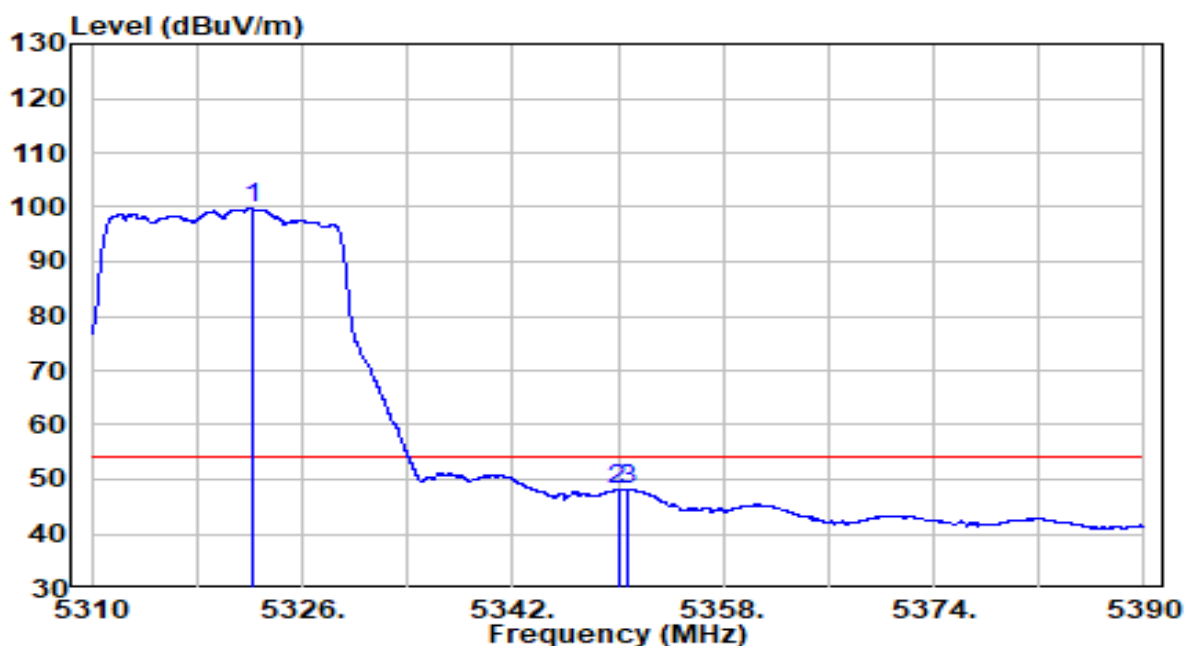


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.200	88.60	20.08	108.68	N/A	N/A	Peak
2		5350.000	36.25	20.11	56.37	-17.63	74.00	Peak
3		5351.600	39.64	20.12	59.75	-14.25	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	110V/60Hz

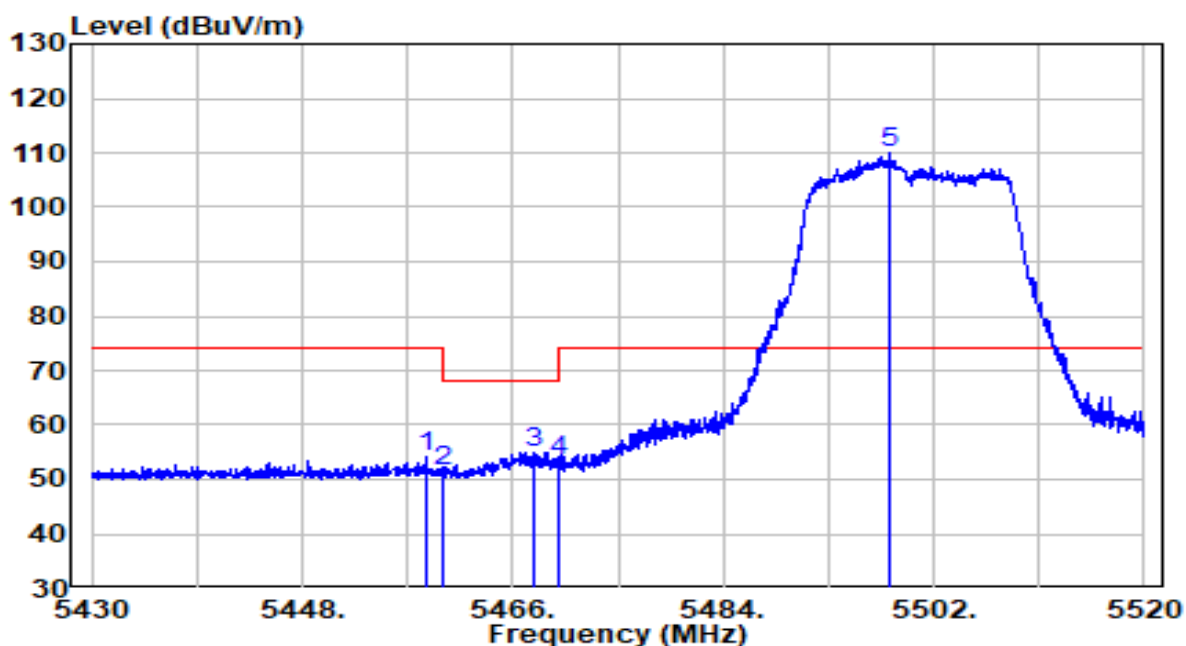


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5322.200	79.75	20.09	99.83	N/A	N/A	Average
2		5350.000	27.85	20.11	47.96	-6.04	54.00	Average
3		5350.720	28.10	20.11	48.21	-5.79	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	110V/60Hz

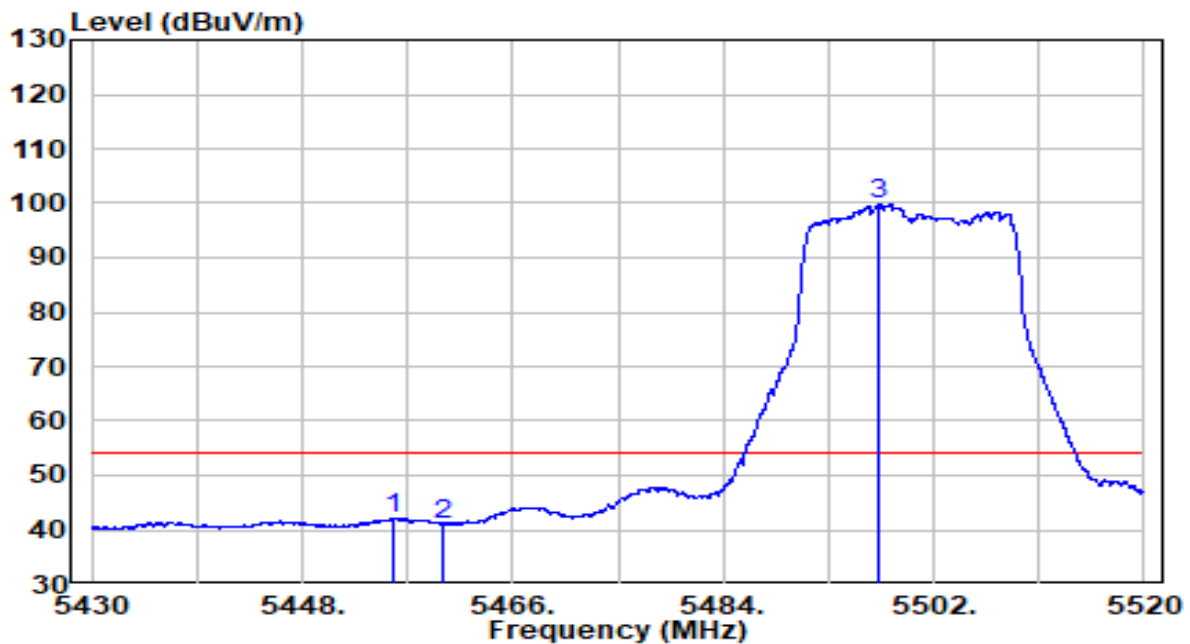


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5458.530	33.94	20.23	54.17	-19.83	74.00	Peak
2	5460.000	31.21	20.23	51.43	-16.77	68.20	Peak
3	5467.845	34.82	20.24	55.05	-13.15	68.20	Peak
4	5470.000	33.00	20.24	53.24	-14.96	68.20	Peak
5	* 5498.220	89.65	20.27	109.92	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	110V/60Hz

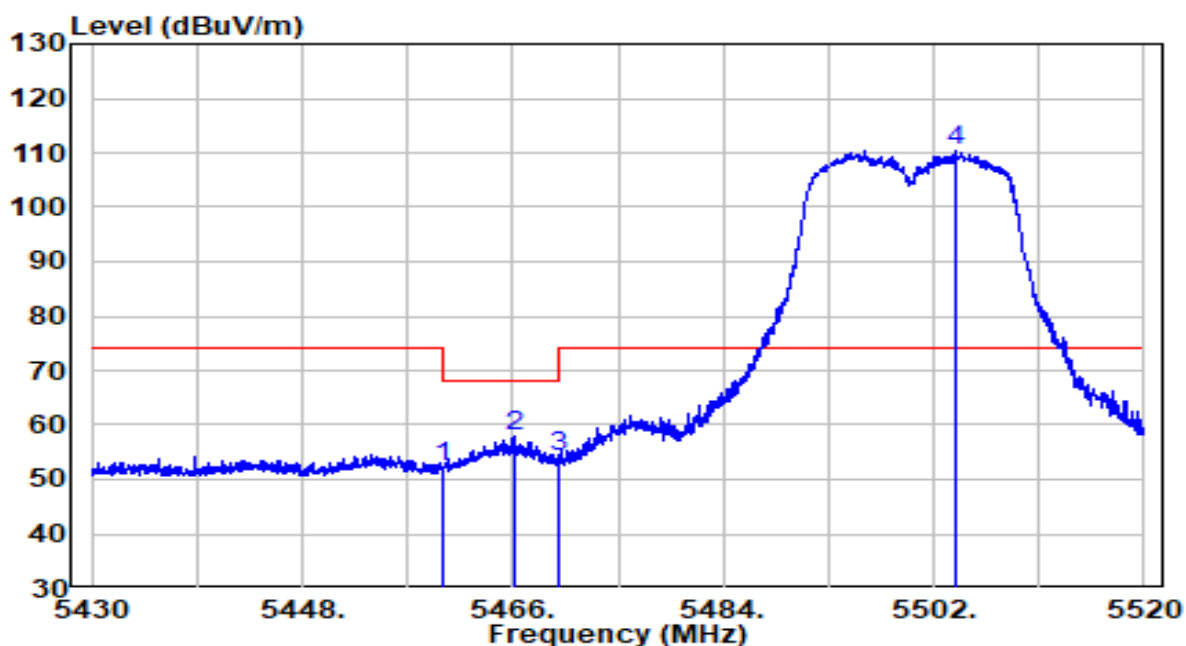


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5455.830	21.85	20.22	42.07	-11.93	54.00	Average
2	5460.000	20.87	20.23	41.10	-12.90	54.00	Average
3	* 5497.230	79.49	20.27	99.76	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	110V/60Hz

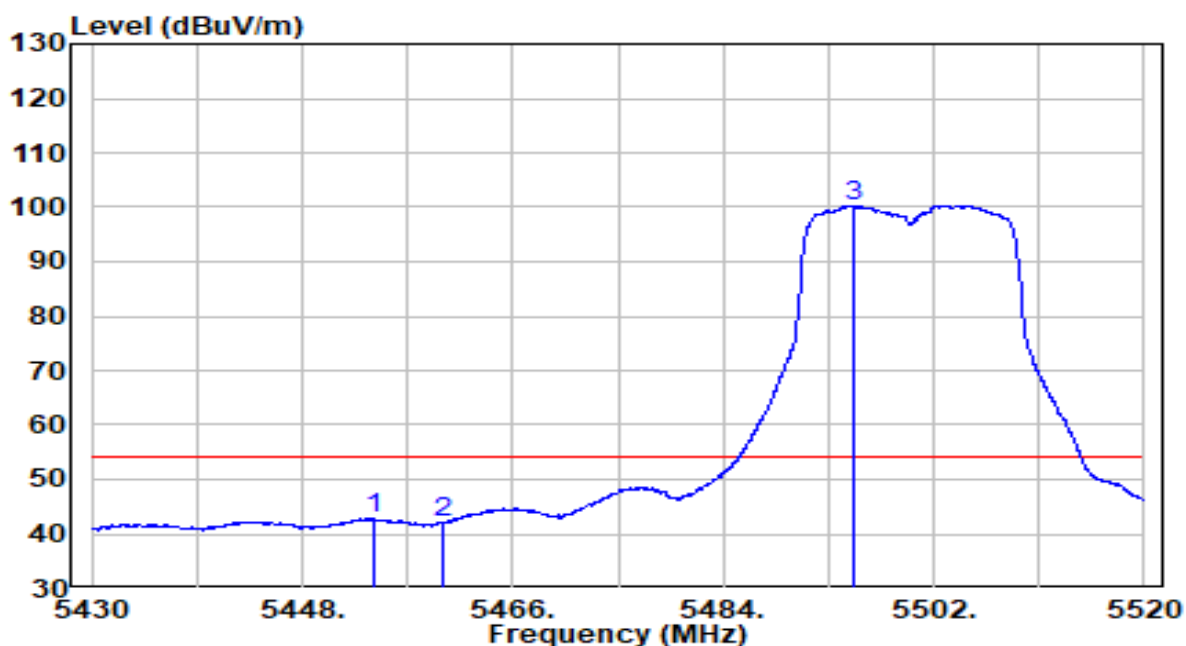


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5460.000	32.07	20.23	52.30	-15.90	68.20	Peak
2	5466.225	37.61	20.23	57.84	-10.36	68.20	Peak
3	5470.000	33.77	20.24	54.01	-14.19	68.20	Peak
4	* 5503.845	89.99	20.28	110.27	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	110V/60Hz

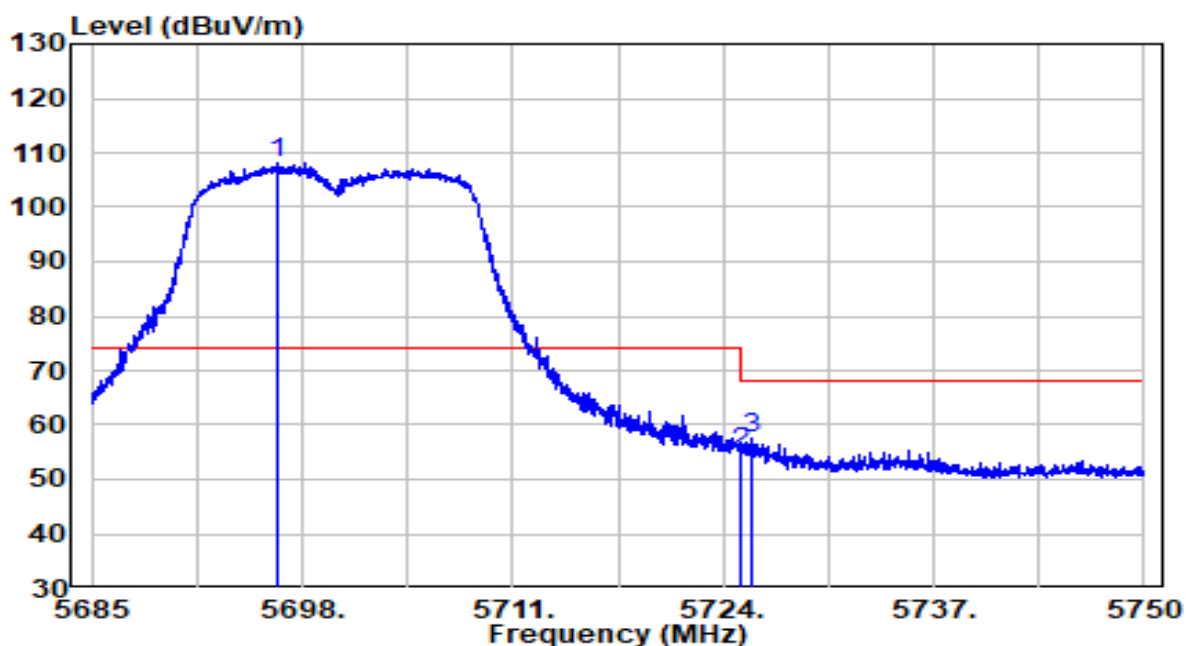


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5454.075	22.53	20.22	42.76	-11.24	54.00	Average
2	5460.000	21.73	20.23	41.96	-12.04	54.00	Average
3	* 5495.205	80.07	20.27	100.34	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	110V/60Hz

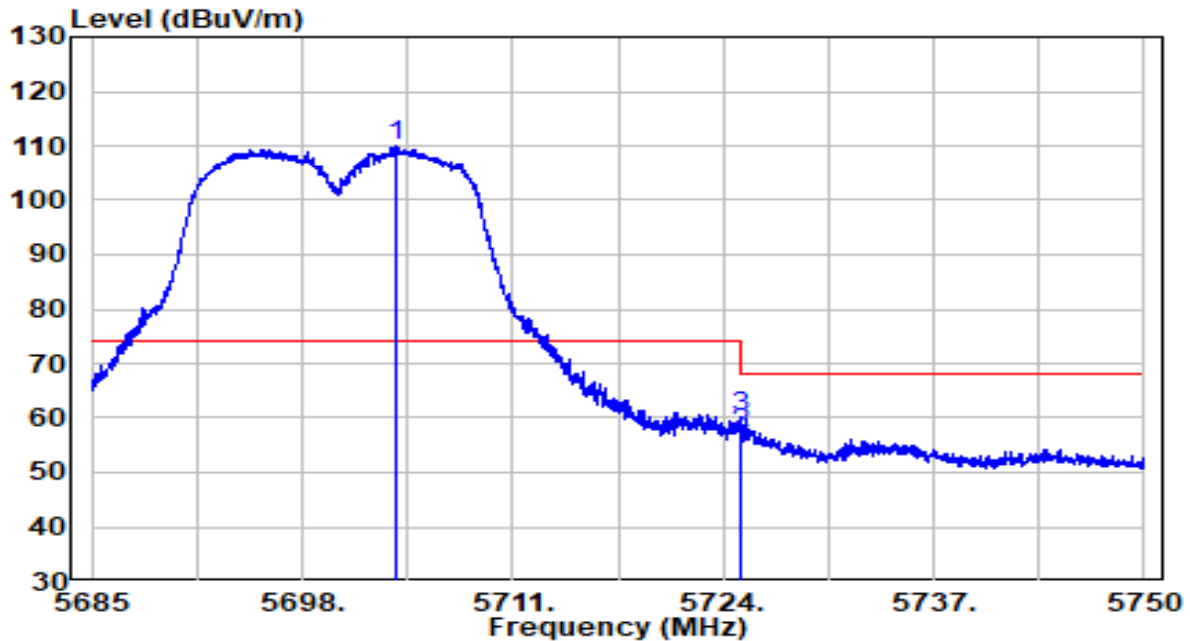


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5696.538	87.20	20.91	108.11	N/A	N/A	Peak
2		5725.000	33.85	21.00	54.85	-13.35	68.20	Peak
3		5725.690	36.50	21.00	57.50	-10.70	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	110V/60Hz

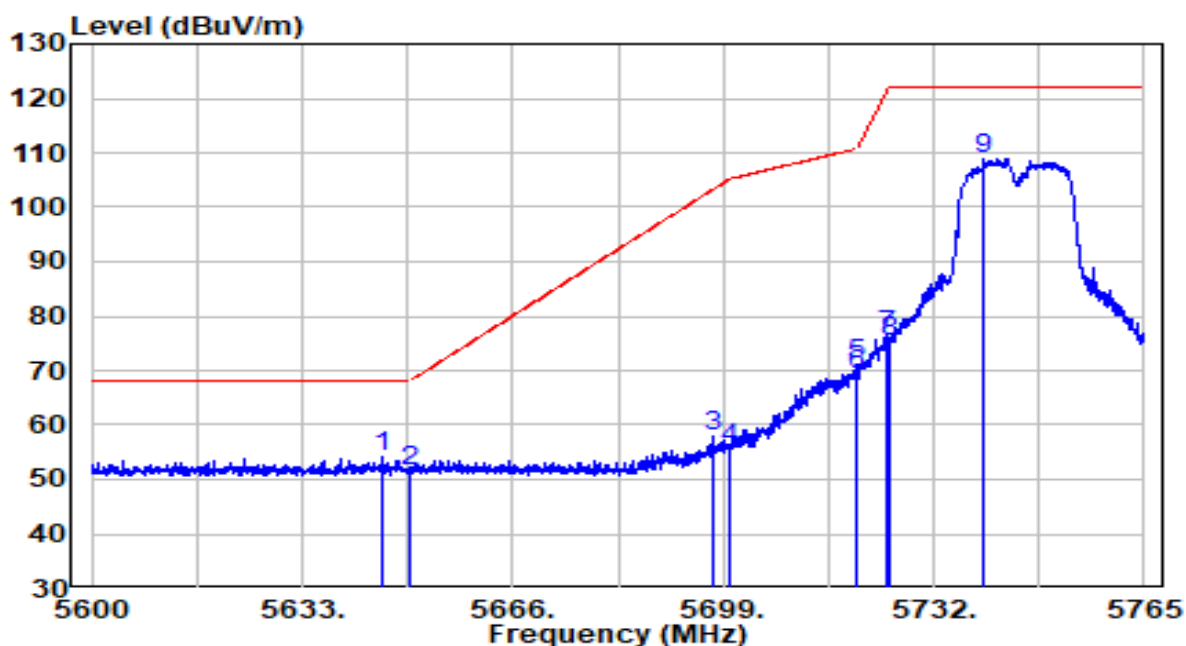


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5703.720	88.93	20.93	109.86	N/A	N/A	Peak
2		5725.000	36.21	21.00	57.20	-11.00	68.20	Peak
3		5725.105	39.35	21.00	60.35	-7.85	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	110V/60Hz

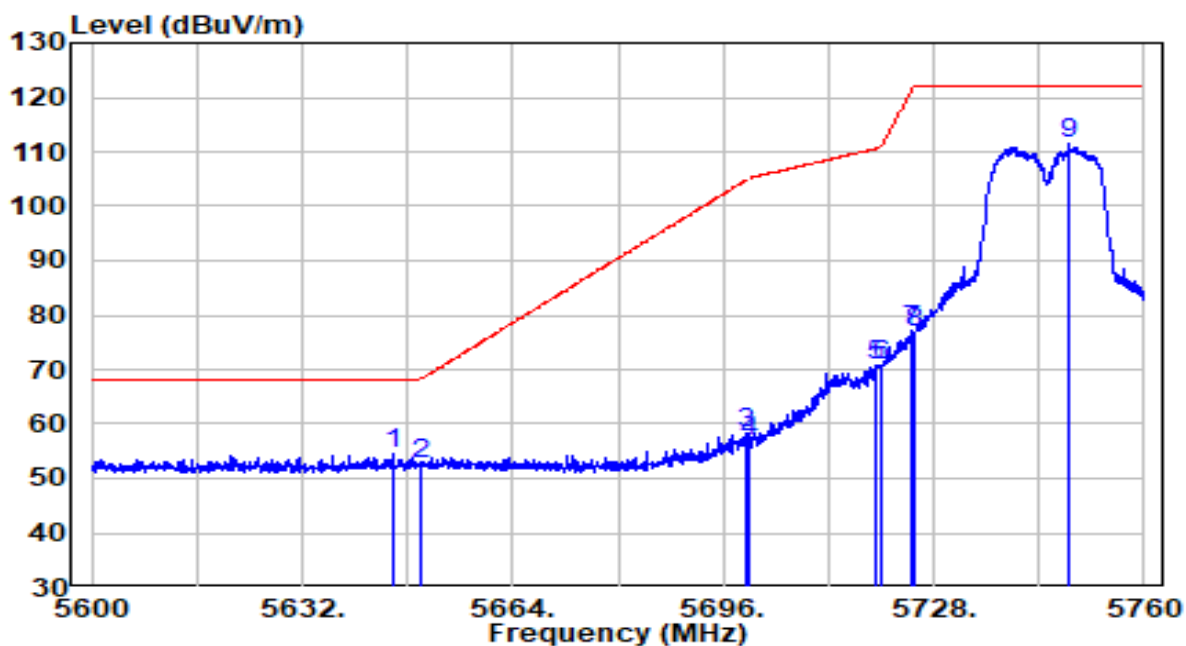


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5645.705	33.27	20.74	54.02	-14.18	68.20	Peak
2	5650.000	30.63	20.76	51.39	-16.81	68.20	Peak
3	5697.515	37.13	20.91	58.04	-45.33	103.37	Peak
4	5700.000	34.70	20.92	55.62	-49.58	105.20	Peak
5	5719.708	49.98	20.98	70.96	-39.76	110.72	Peak
6	5720.000	48.44	20.98	69.43	-41.37	110.80	Peak
7	5724.493	55.37	21.00	76.36	-44.68	121.04	Peak
8	5725.000	54.45	21.00	75.45	-46.75	122.20	Peak
9 *	5739.837	87.90	21.05	108.95	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	110V/60Hz

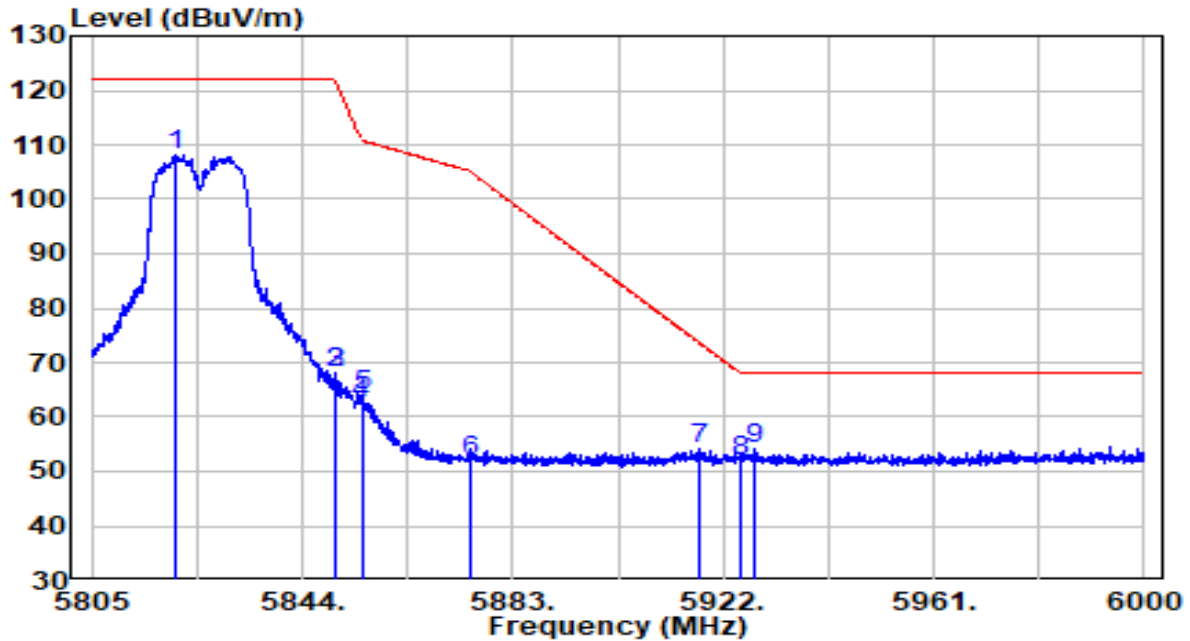


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5645.680	33.60	20.74	54.34	-13.86	68.20	Peak
2	5650.000	31.75	20.76	52.51	-15.69	68.20	Peak
3	5699.680	37.42	20.92	58.34	-46.63	104.96	Peak
4	5700.000	35.85	20.92	56.77	-48.43	105.20	Peak
5	5719.360	49.94	20.98	70.92	-39.70	110.62	Peak
6	5720.000	49.71	20.98	70.69	-40.11	110.80	Peak
7	5724.640	55.99	21.00	76.99	-44.39	121.38	Peak
8	5725.000	55.68	21.00	76.68	-45.52	122.20	Peak
9	* 5748.720	90.48	21.08	111.55	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	110V/60Hz

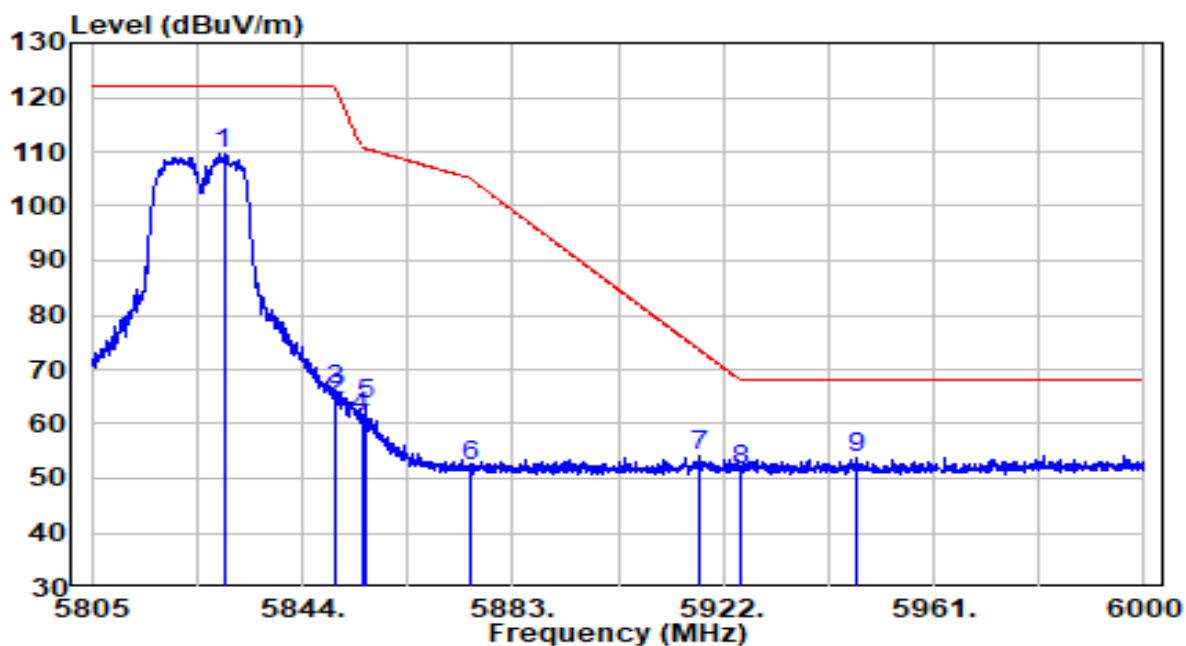


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	5820.600	86.72	21.31	108.03	N/A	N/A	Peak
2	5850.000	46.57	21.40	67.98	-54.22	122.20	Peak
3	5850.045	46.57	21.40	67.98	-54.12	122.10	Peak
4	5855.000	40.96	21.42	62.38	-48.42	110.80	Peak
5	5855.115	42.61	21.42	64.03	-46.74	110.77	Peak
6	5875.000	30.45	21.49	51.93	-53.27	105.20	Peak
7	5917.417	32.50	21.62	54.13	-19.67	73.79	Peak
8	5925.000	30.26	21.65	51.91	-16.29	68.20	Peak
9	* 5927.947	32.55	21.66	54.21	-13.99	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	110V/60Hz

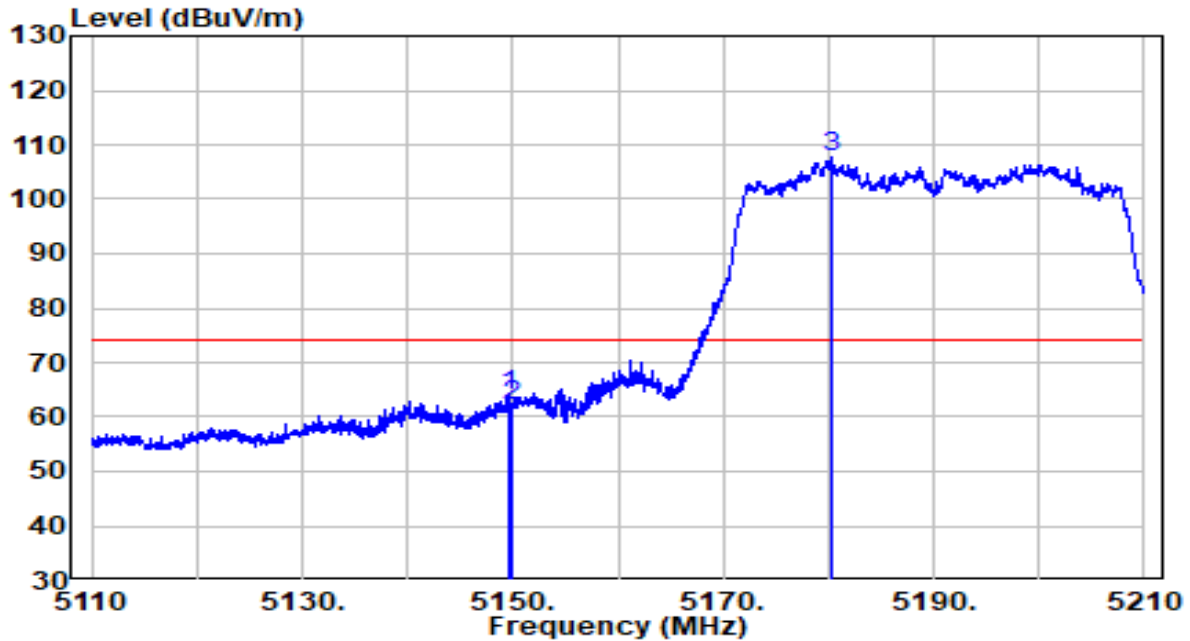


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5829.473	88.24	21.34	109.57	N/A	N/A	Peak
2		5850.000	42.88	21.40	64.28	-57.92	122.20	Peak
3		5850.143	44.97	21.40	66.38	-55.50	121.87	Peak
4		5855.000	39.83	21.42	61.25	-49.55	110.80	Peak
5		5855.700	42.33	21.42	63.75	-46.85	110.60	Peak
6		5875.000	30.63	21.49	52.11	-53.09	105.20	Peak
7		5917.808	32.66	21.62	54.28	-19.22	73.50	Peak
8		5925.000	29.98	21.65	51.62	-16.58	68.20	Peak
9		5946.473	31.94	21.72	53.65	-14.55	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	110V/60Hz

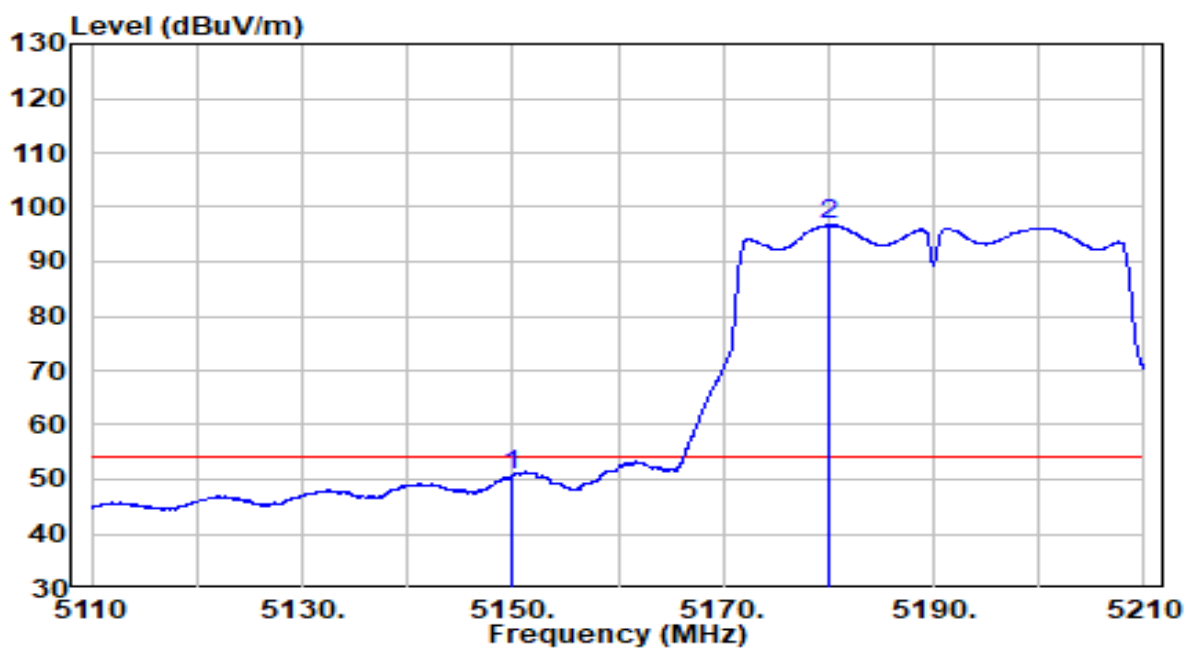


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5149.700	44.08	19.91	63.99	-10.01	74.00	Peak
2	5150.000	42.23	19.91	62.14	-11.86	74.00	Peak
3	* 5180.200	87.74	19.94	107.67	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Horizontal	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	110V/60Hz

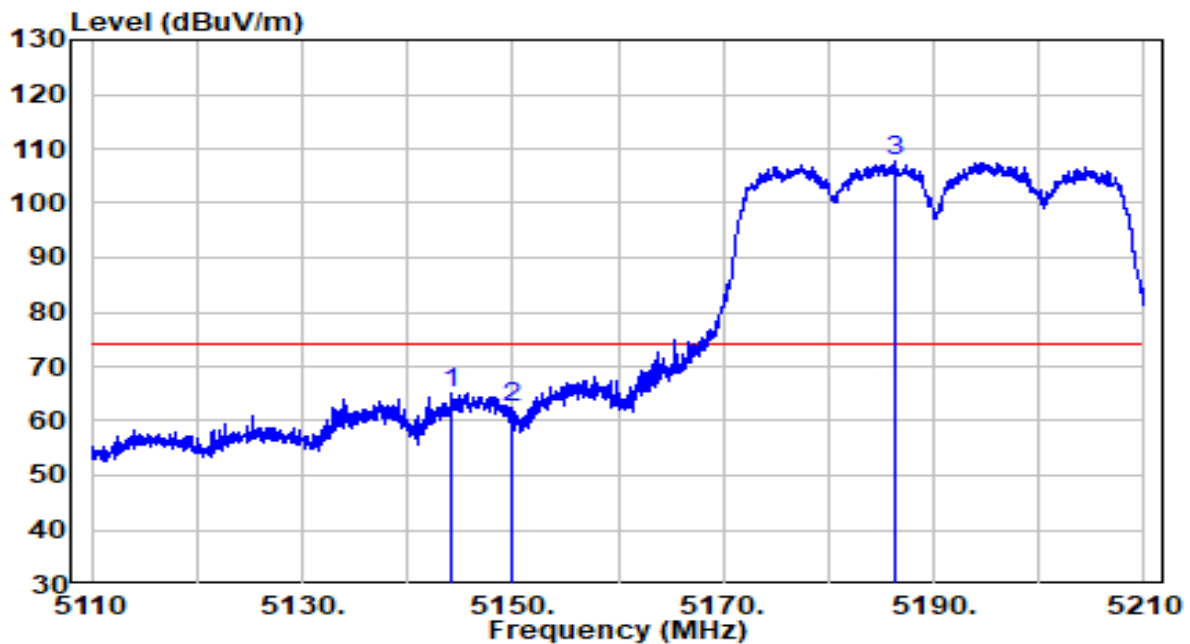


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5150.000	30.97	19.91	50.87	-3.13	54.00	Average
2	* 5180.100	76.74	19.94	96.68	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	110V/60Hz

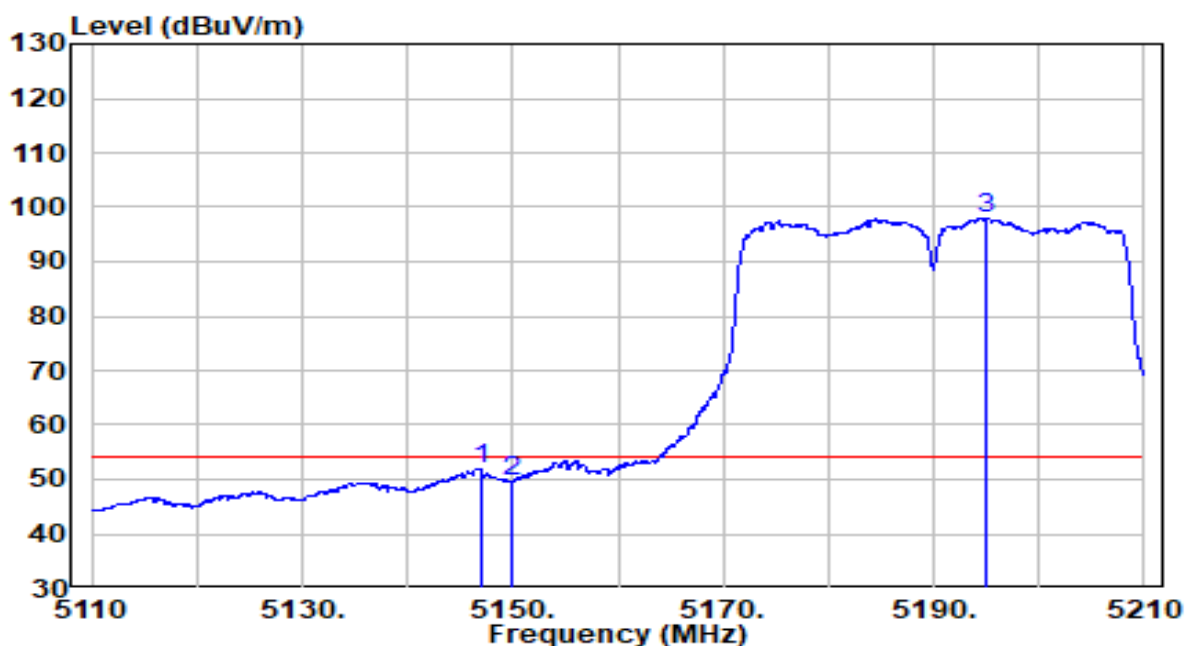


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5144.250	45.10	19.90	65.00	-9.00	74.00	Peak
2	5150.000	42.36	19.91	62.27	-11.73	74.00	Peak
3	* 5186.350	87.97	19.94	107.91	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-28
Factor	BBHA 9120D	Temp. / Humidity	24.9°C/35%
Polarity	Vertical	Site / Test Engineer	AC2 / Kevin Ker
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	110V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	5146.950	32.15	19.90	52.05	-1.95	54.00	Average
2	5150.000	29.57	19.91	49.48	-4.52	54.00	Average
3	* 5195.100	78.09	19.95	98.04	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB)+16db attenuation.
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.