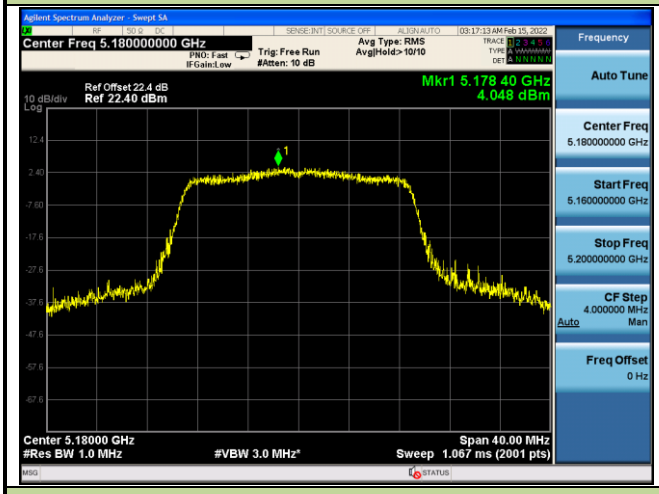
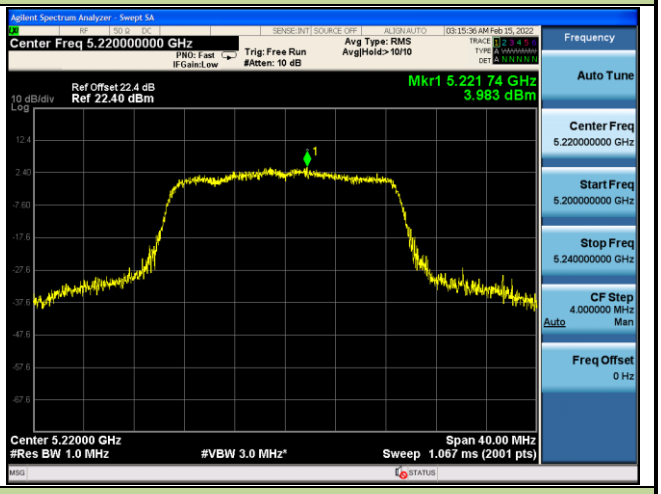
802.11n-HT20 Power Spectral Density - Ant 1

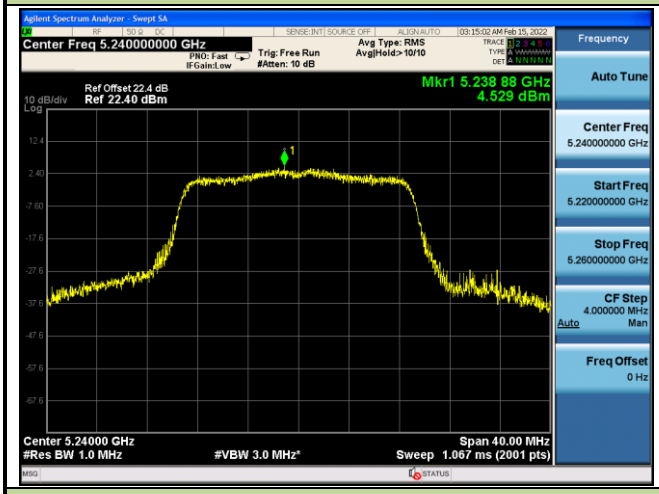
Channel 36 (5180MHz)



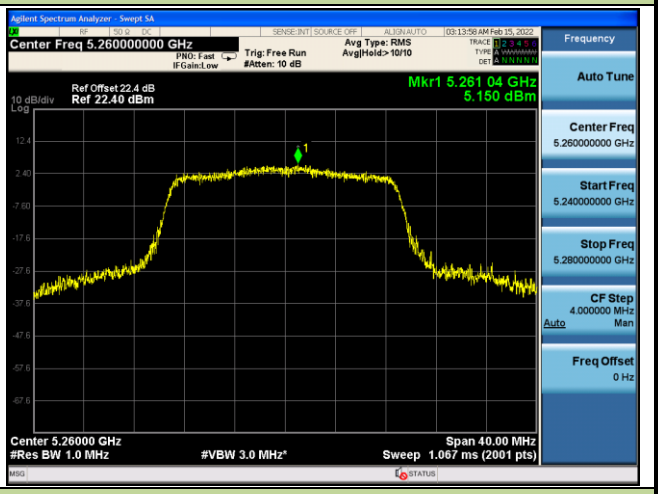
Channel 44 (5220MHz)



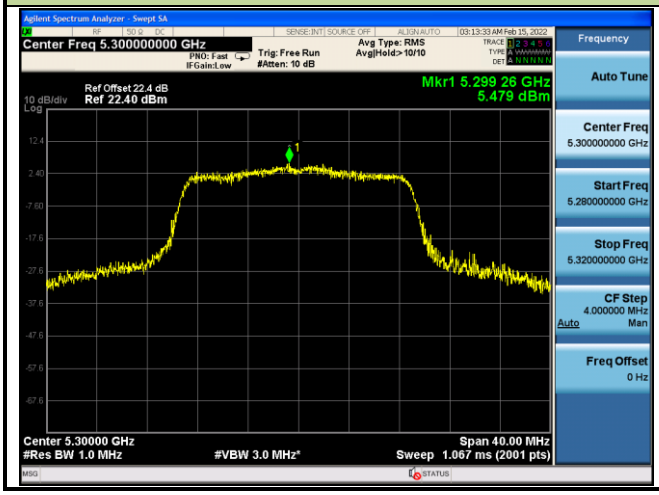
Channel 48 (5240MHz)



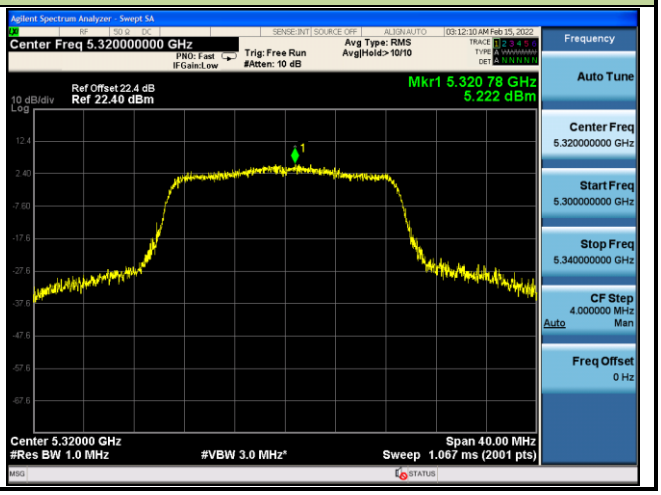
Channel 52 (5260MHz)

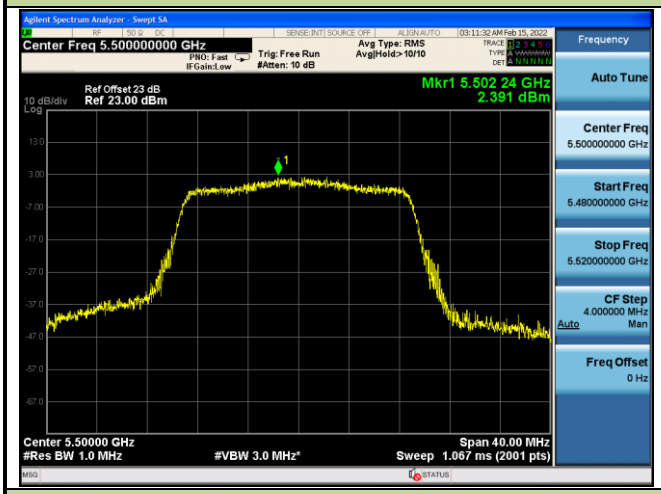
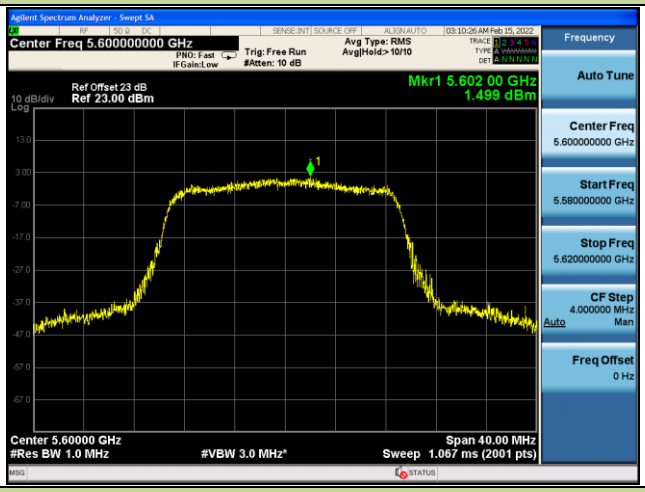
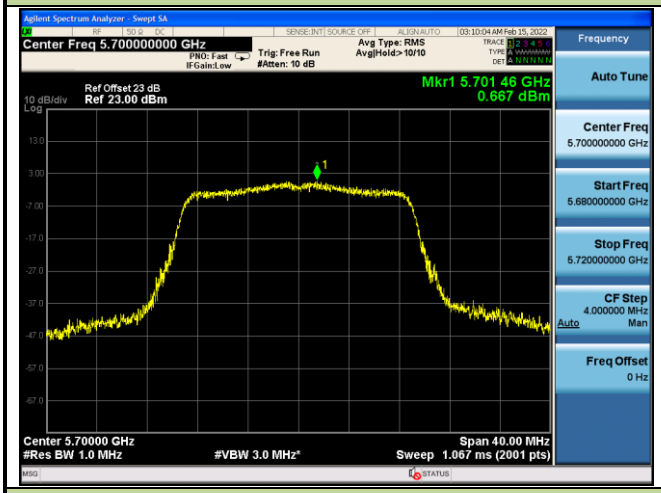
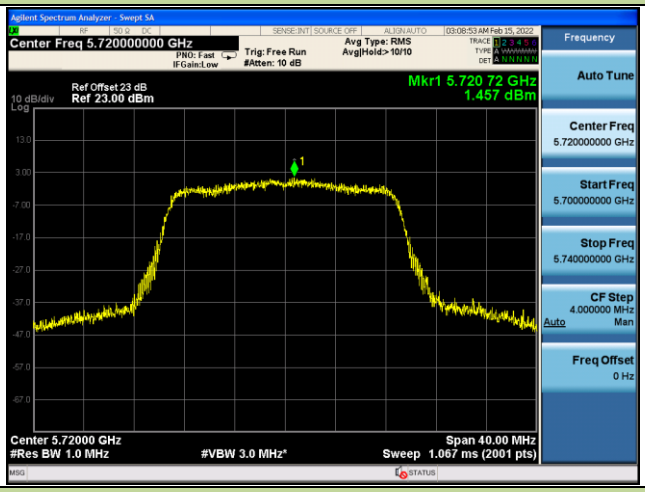
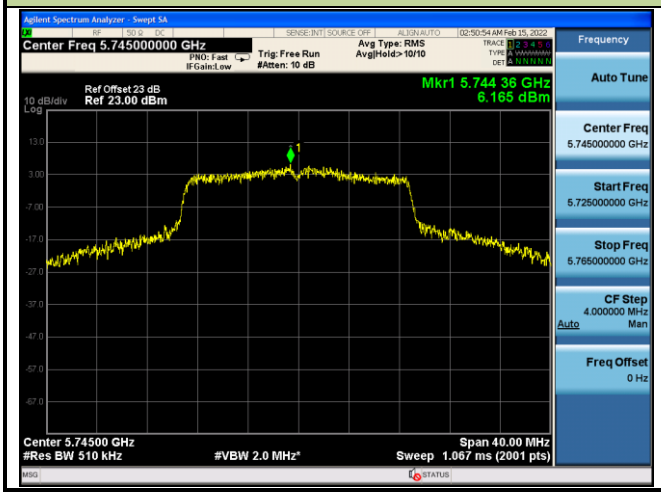
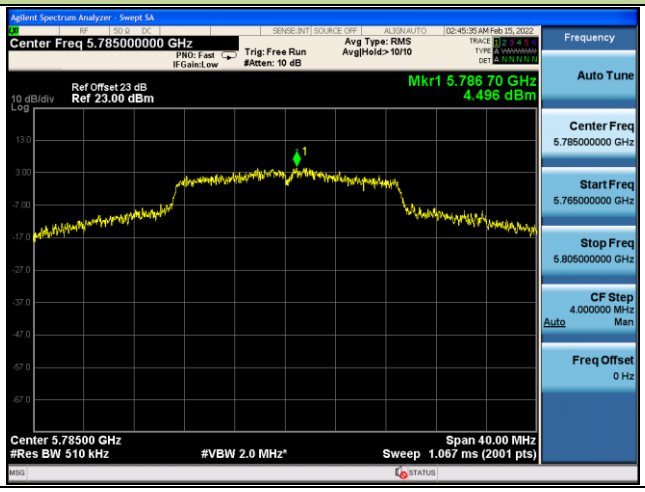


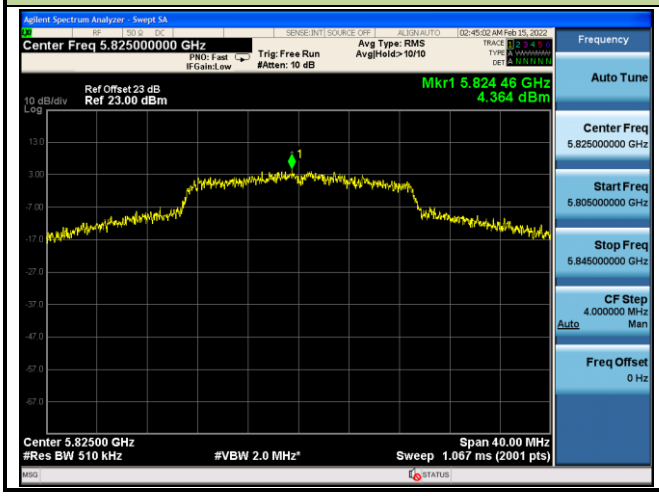
Channel 60 (5300MHz)



Channel 64 (5320MHz)

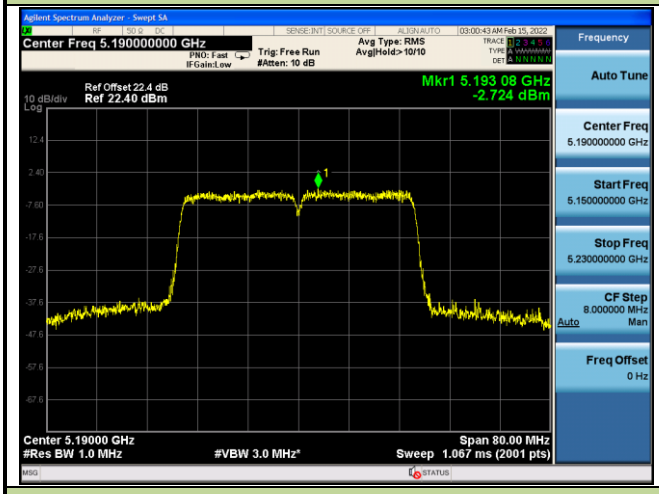


Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

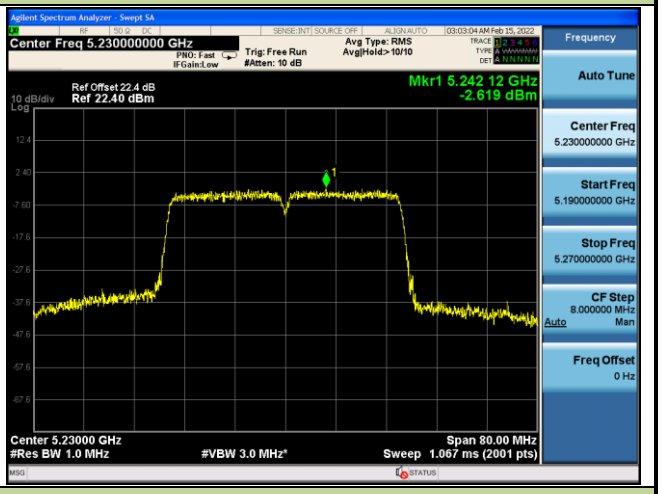
Channel 165 (5825MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 1

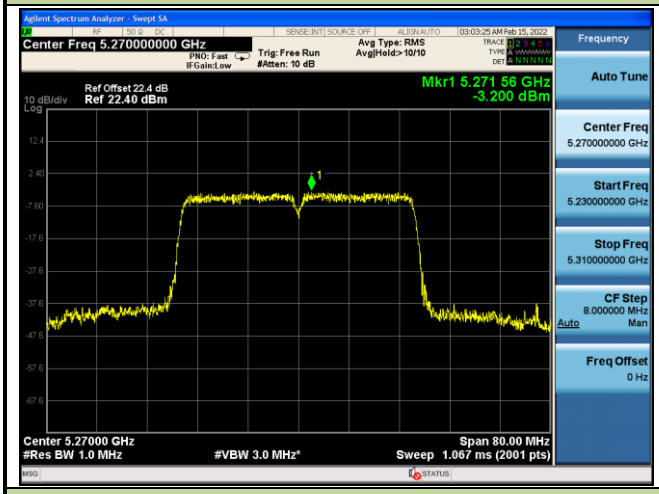
Channel 38 (5190MHz)



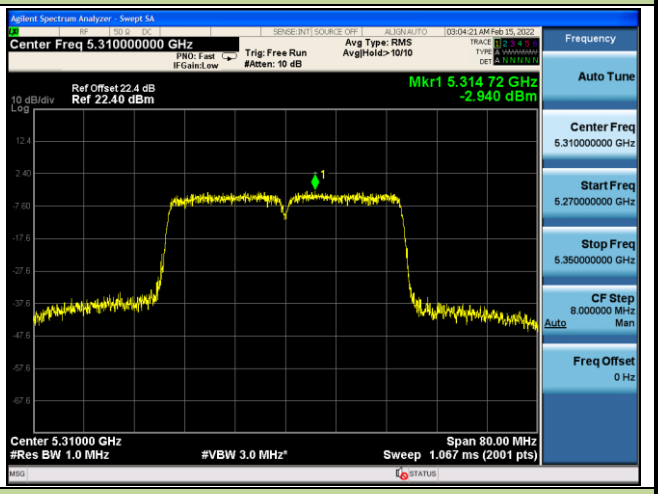
Channel 46 (5230MHz)



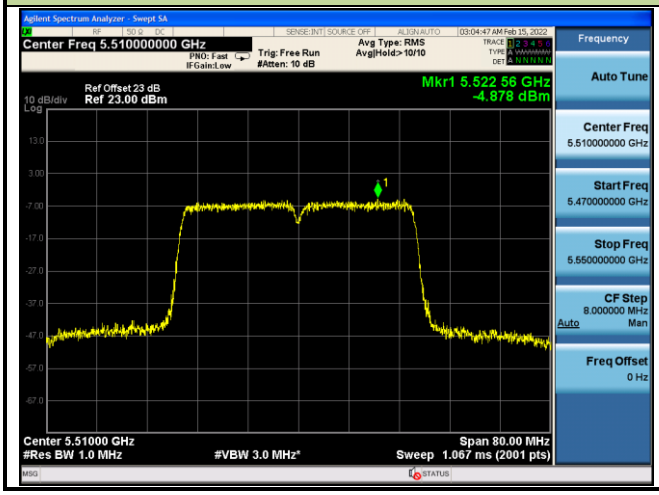
Channel 54 (5270MHz)



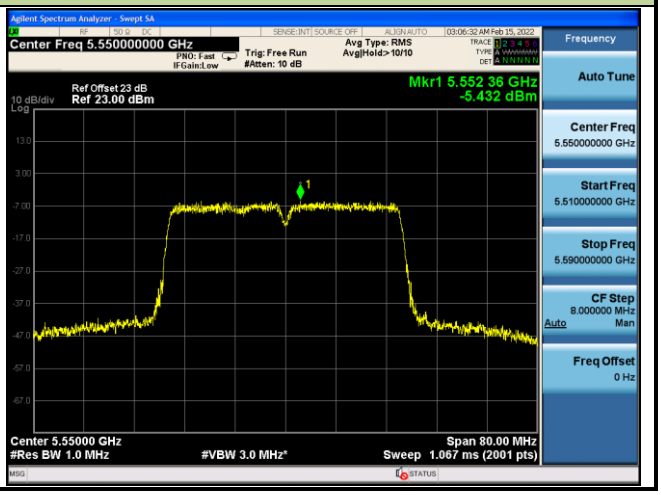
Channel 62 (5310MHz)

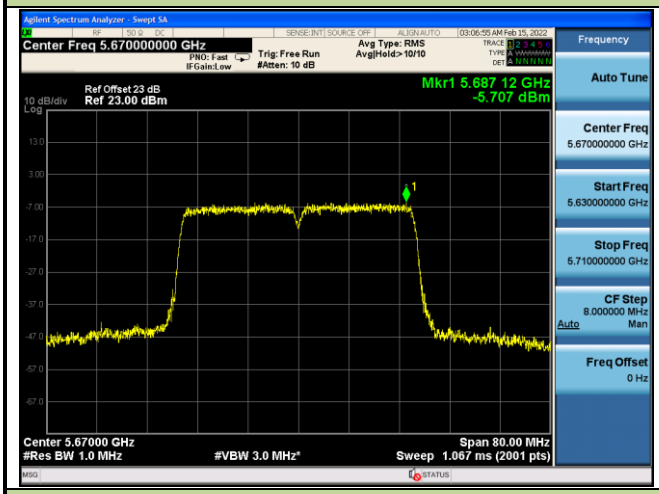
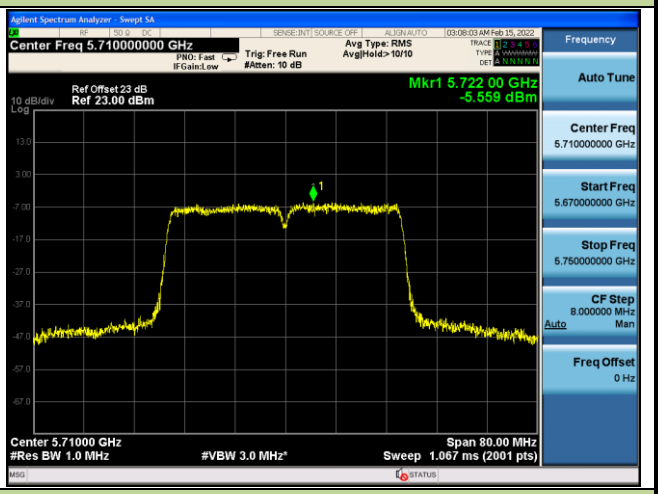
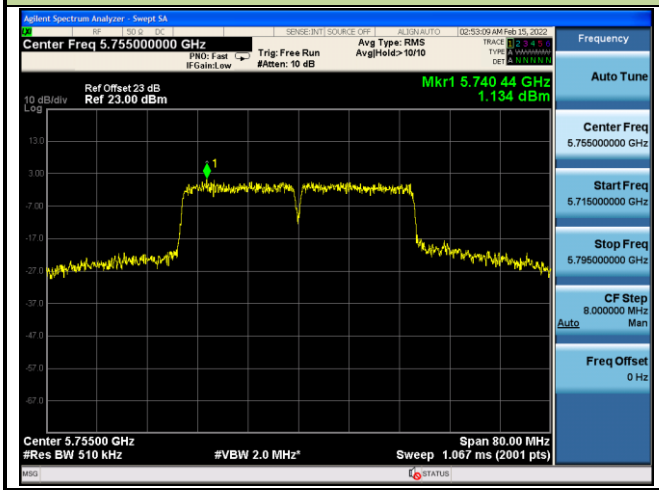
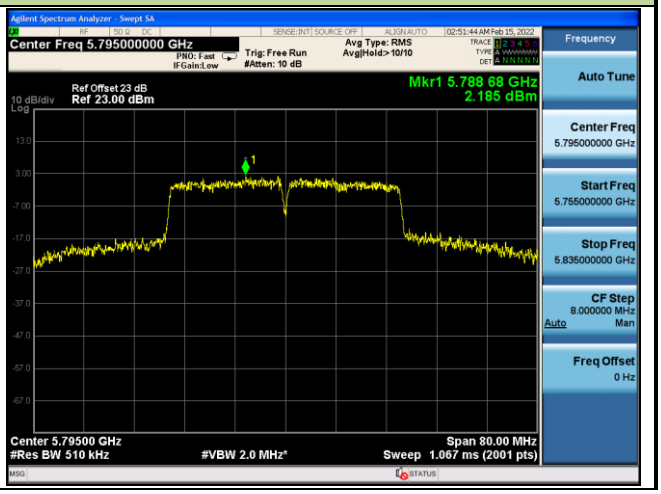


Channel 102 (5510MHz)



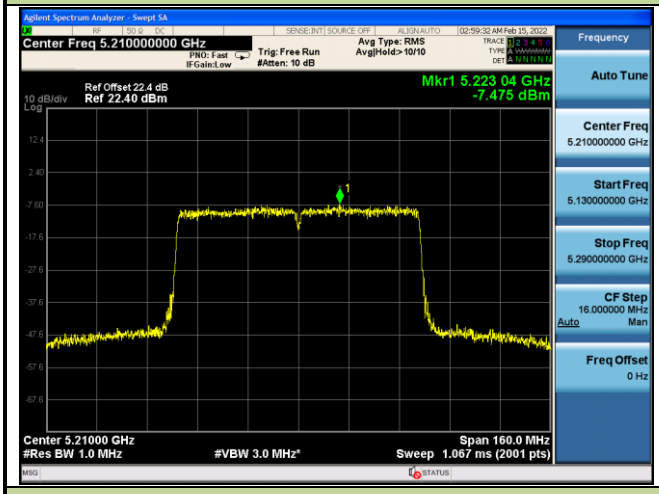
Channel 110 (5550MHz)



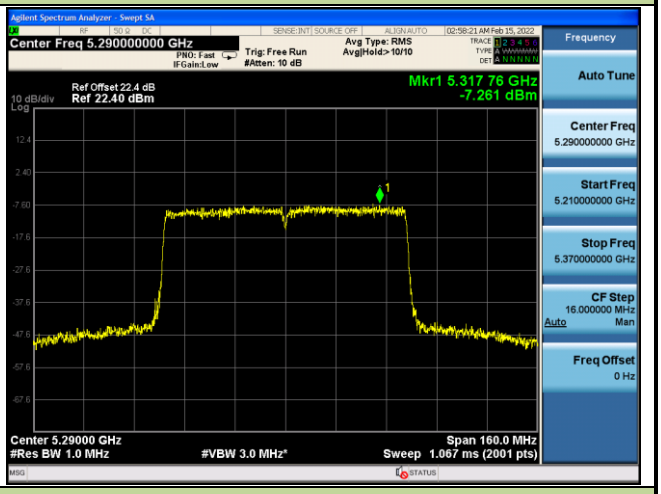
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 1

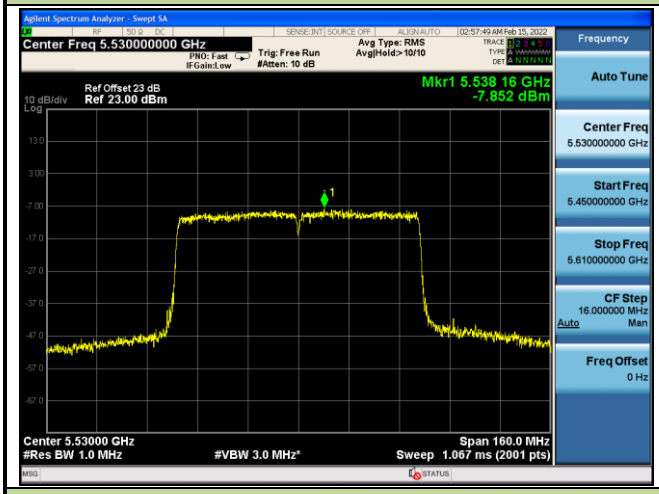
Channel 42 (5210MHz)



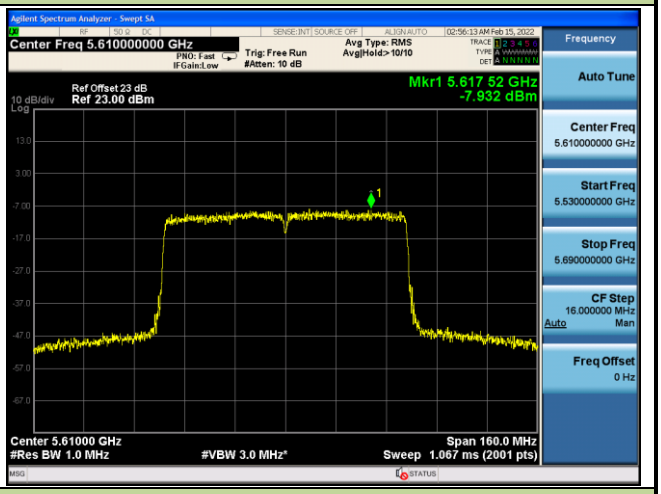
Channel 58 (5290MHz)



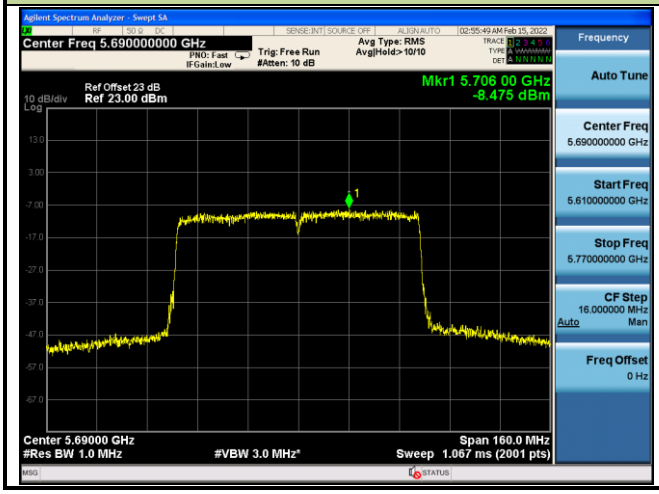
Channel 106 (5530MHz)



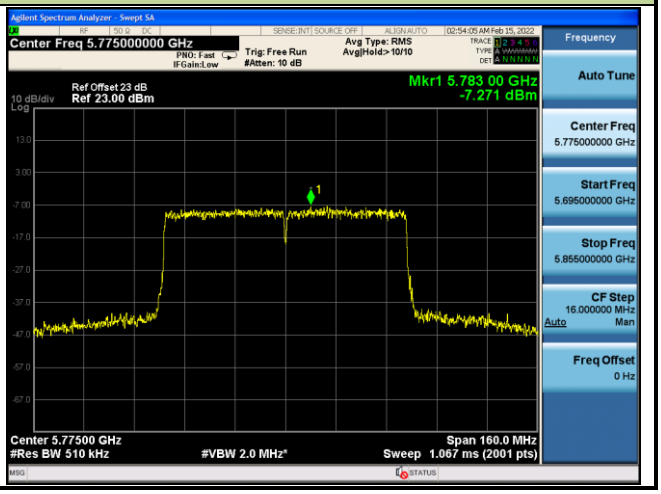
Channel 122 (5610MHz)

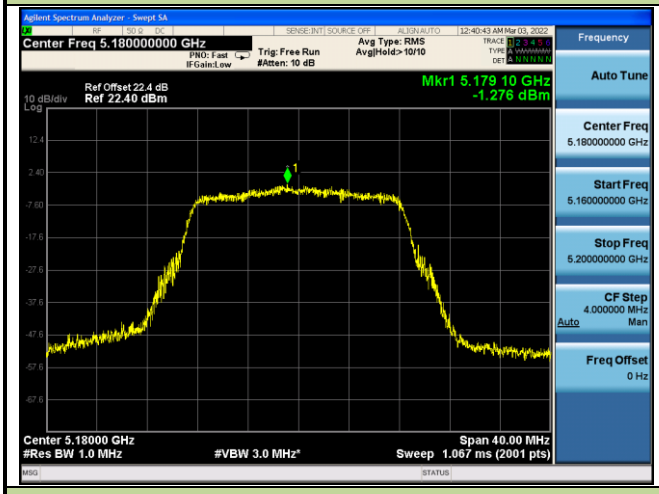
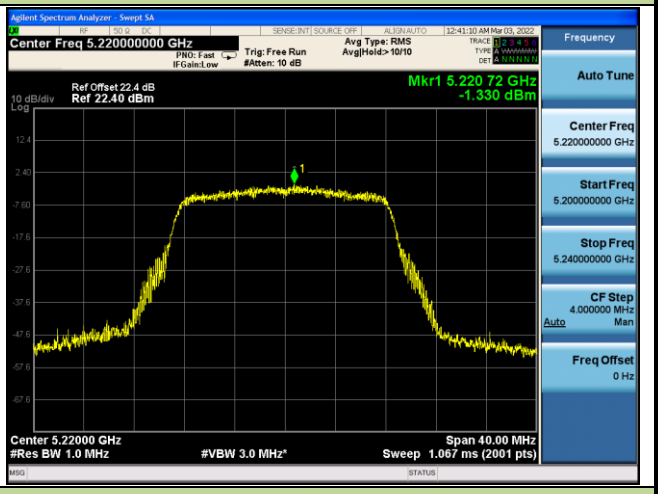
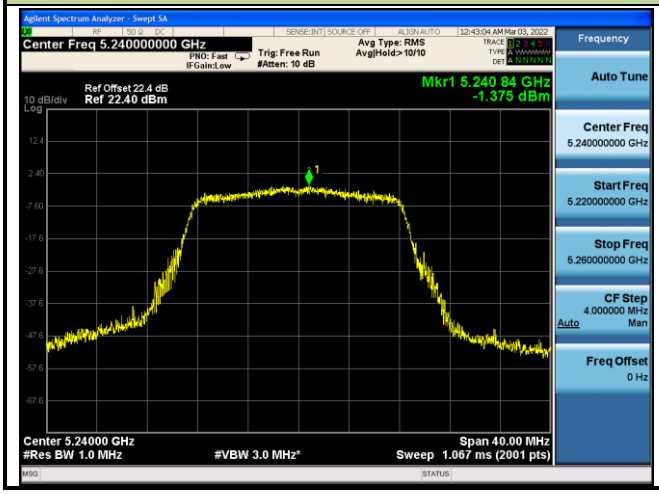


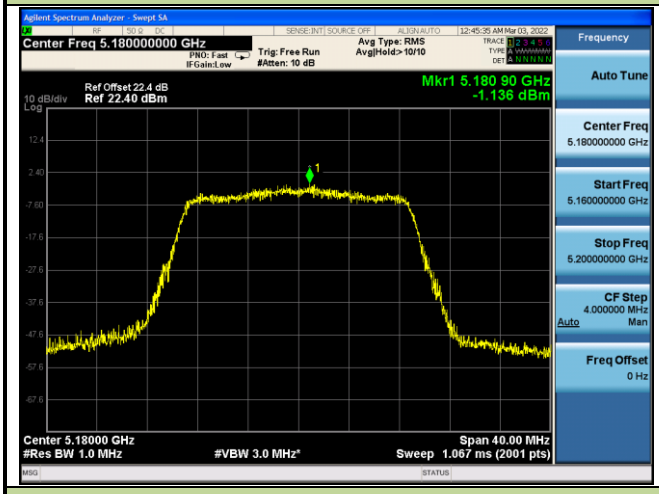
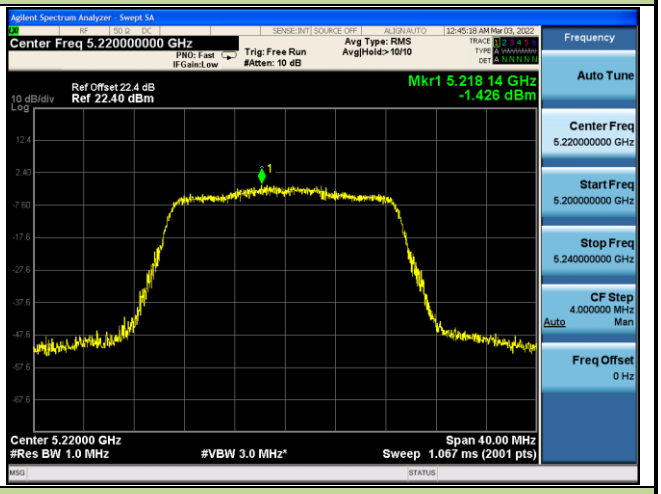
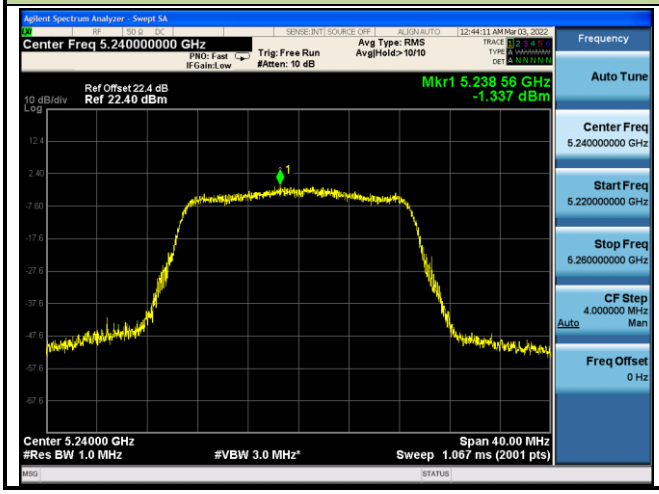
Channel 138 (5690MHz)

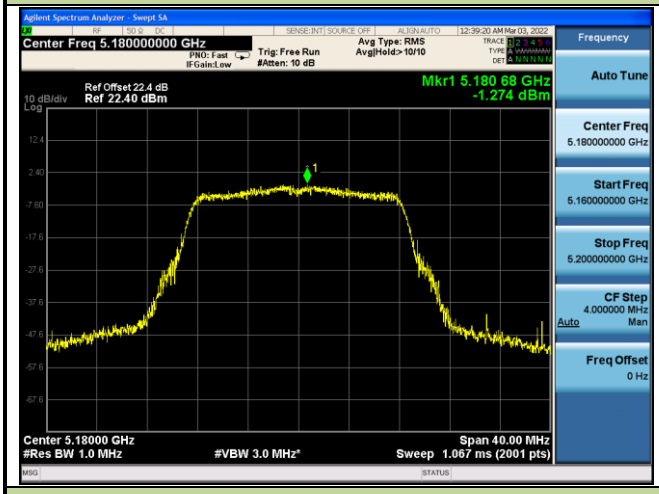
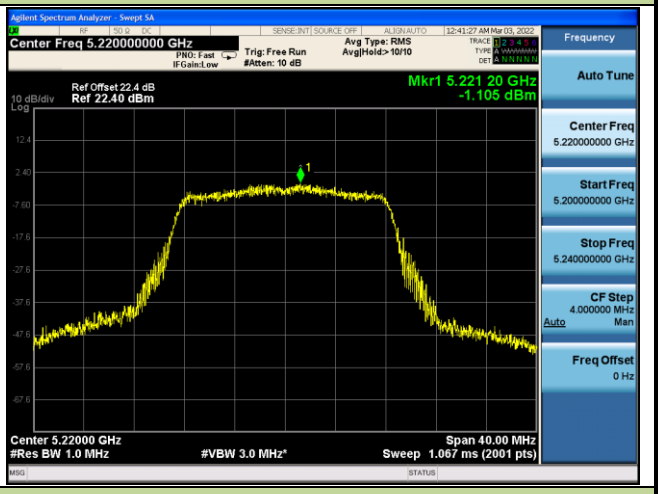
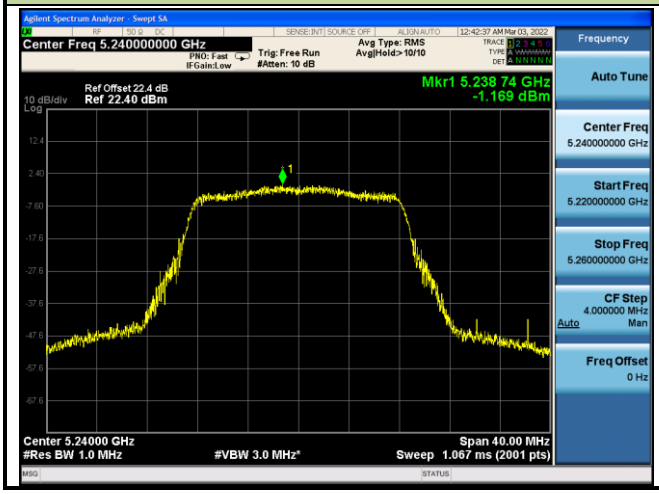


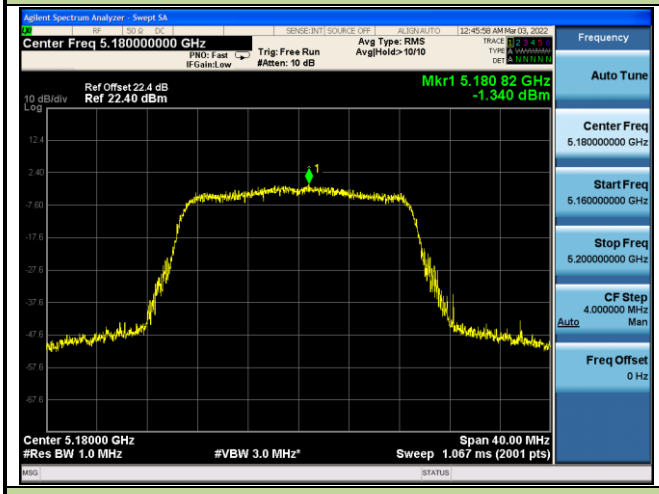
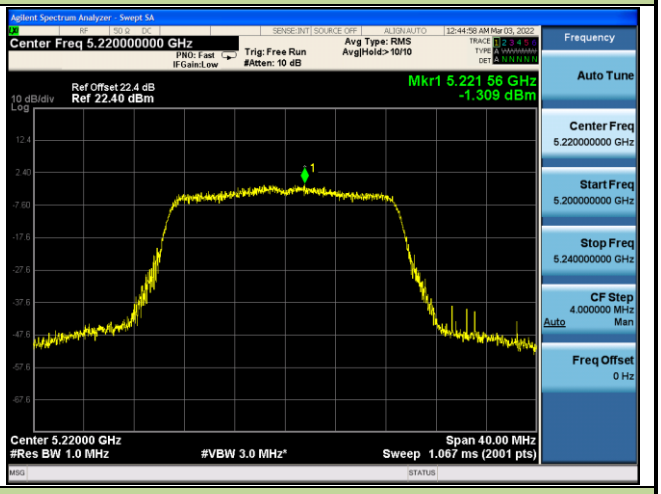
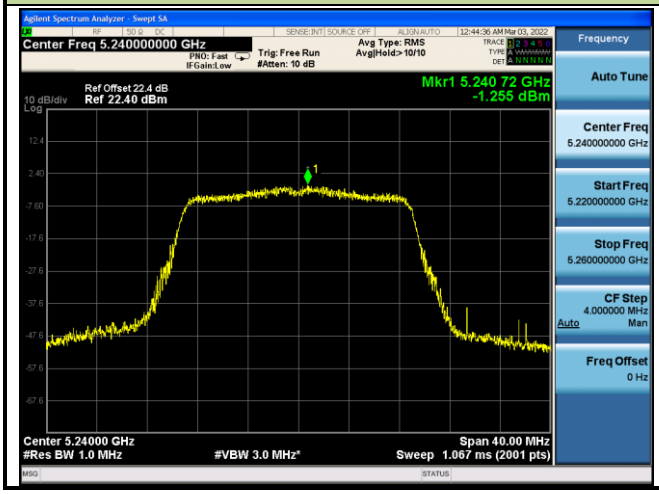
Channel 155 (5775MHz)



IC U-NII-1_802.11a Power Spectral Density - Ant 0	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

IC U-NII-1_802.11n-HT20 Power Spectral Density - Ant 0	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

IC U-NII-1_802.11a Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

IC U-NII-1_802.11n-HT20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

7.7. Radiated Spurious Emission Measurement

7.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.7.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

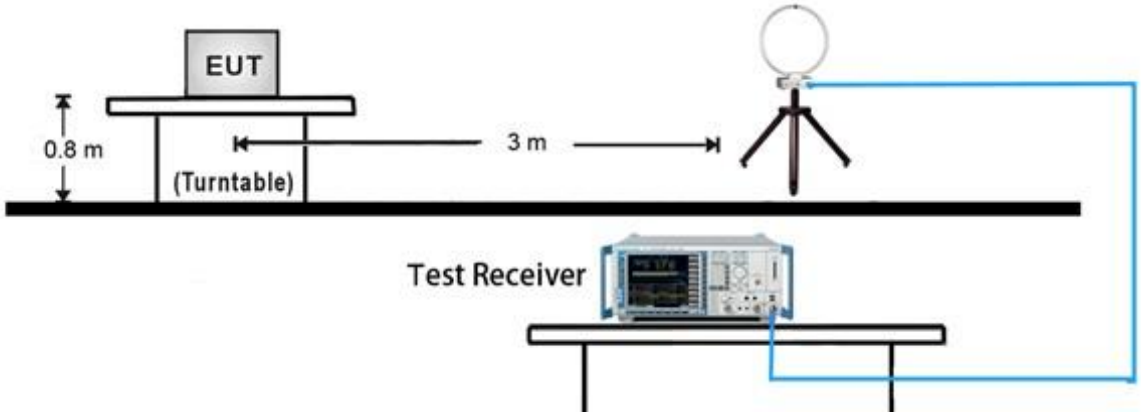
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

Quasi-Peak & Average Measurements below 30MHz

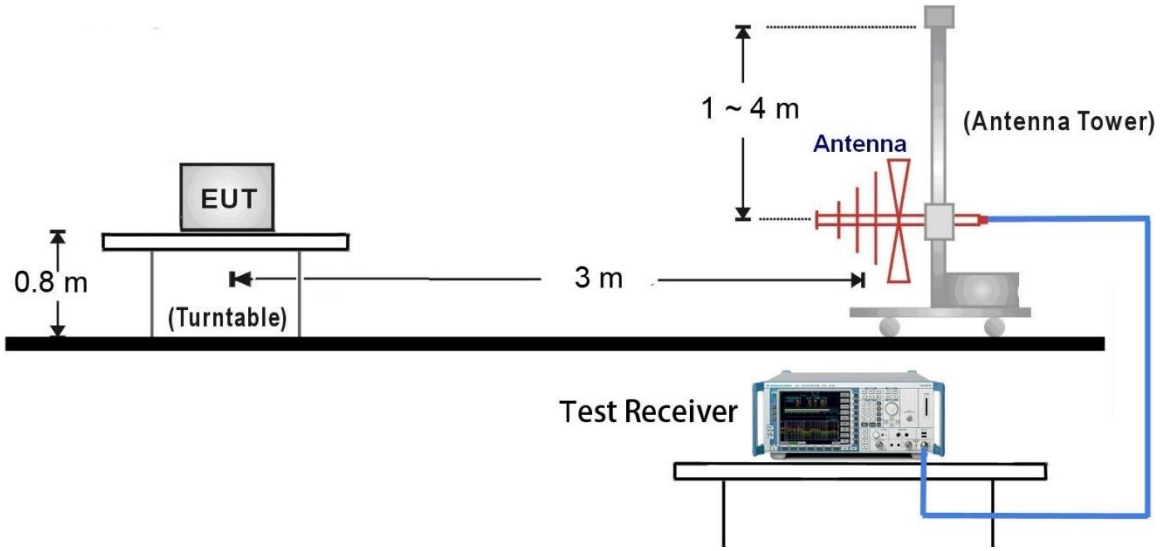
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

7.7.4. Test Setup

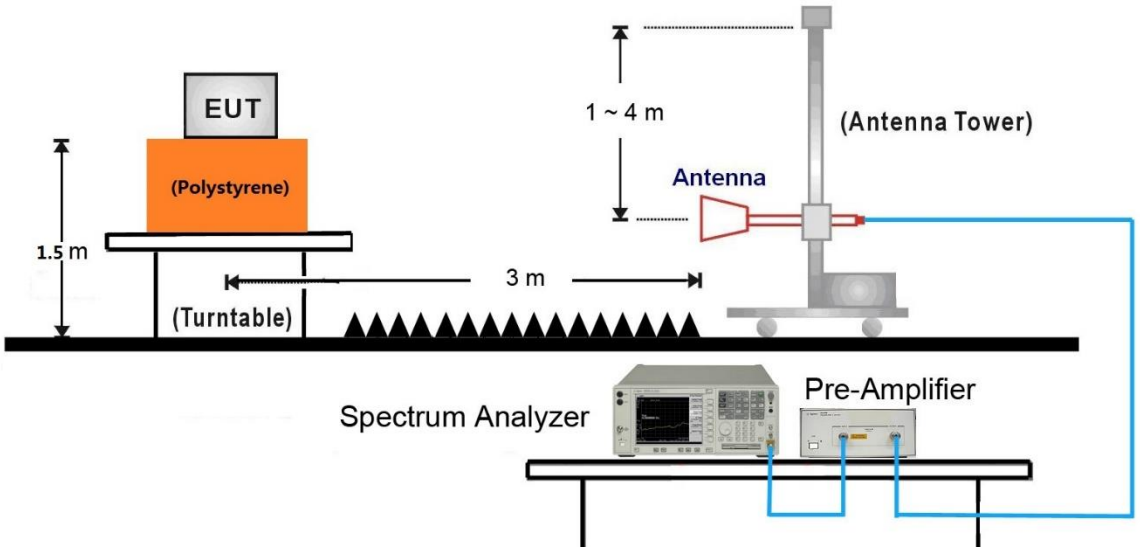
9kHz ~ 30MHz Test Setup:



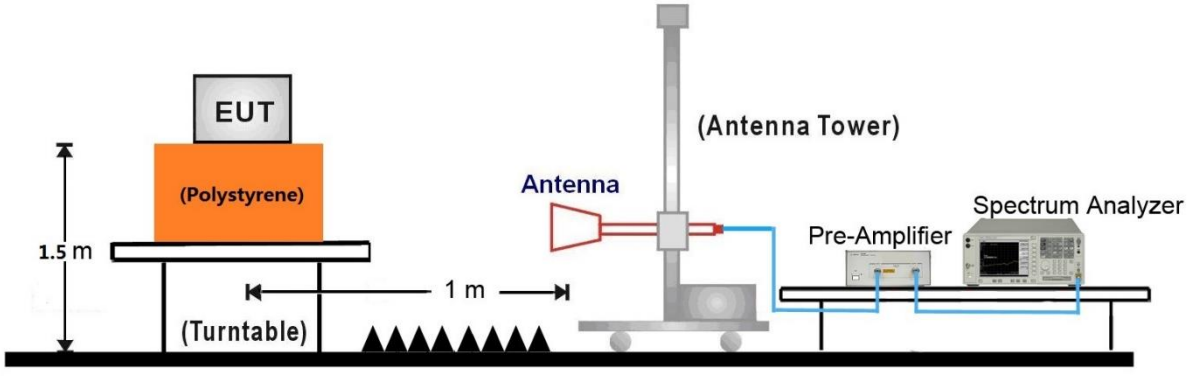
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:

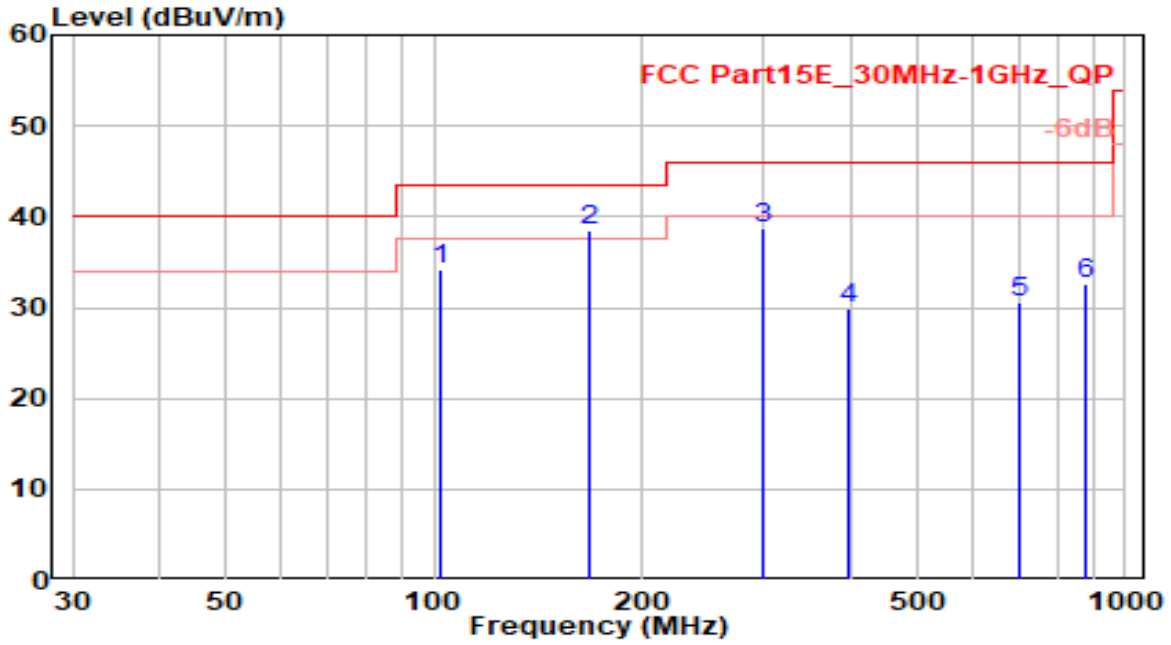


18GHz ~40GHz Test Setup:



7.7.5. Test Result

EUT	Module	Date of Test	2022-01-13
Factor	VULB 9162	Temp. / Humidity	20°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11n-20MHz_TX_Band1_CH44_ANT 0+1	Test Voltage	AC 120V/60Hz

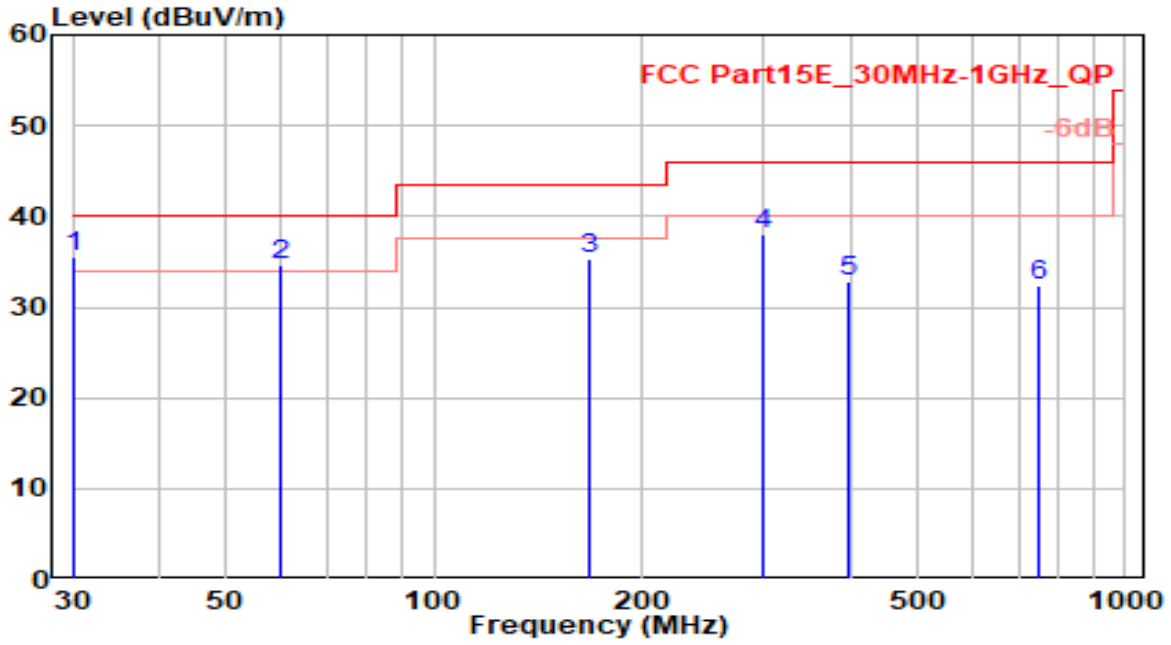


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		101.780	14.96	19.24	34.20	-9.30	43.50	150	260	QP
2	*	167.740	22.03	16.56	38.59	-4.91	43.50	100	275	QP
3		299.660	17.45	21.35	38.80	-7.20	46.00	100	190	QP
4		397.630	5.88	23.99	29.87	-16.13	46.00	100	155	QP
5		700.270	1.53	28.92	30.46	-15.54	46.00	100	0	QP
6		875.840	1.24	31.29	32.53	-13.47	46.00	150	75	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
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.
5. The amplitude of radiated emissions (frequency range from9kHz to 30MHz and 18GHz to 25GHz)is that proximity to ambient noise ,which also are attenuated more than 20dB below the permissible value. Therefore, the data / test setup is not presented in the report.

EUT	Module	Date of Test	2022-01-13
Factor	VULB 9162	Temp. / Humidity	20°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11n-20MHz_TX_Band1_CH44_ANT 0+1	Test Voltage	AC 120V/60Hz

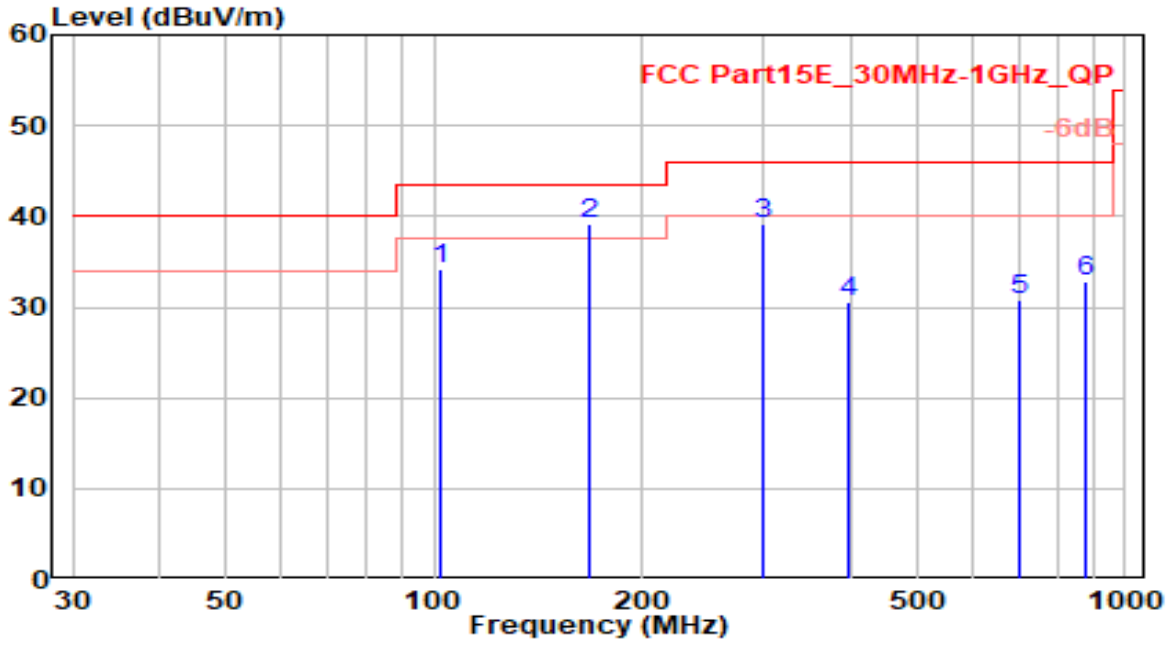


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	30.000	18.39	17.17	35.56	-4.44	40.00	100	260	QP
2		60.070	14.67	20.02	34.69	-5.31	40.00	100	275	QP
3		167.740	18.80	16.56	35.35	-8.15	43.50	100	360	QP
4		299.660	16.74	21.35	38.10	-7.90	46.00	150	5	QP
5		399.570	8.88	24.03	32.91	-13.09	46.00	150	215	QP
6		749.740	2.67	29.60	32.27	-13.73	46.00	150	25	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
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.
5. The amplitude of radiated emissions (frequency range from9kHz to 30MHz and 18GHz to 25GHz)is that proximity to ambient noise ,which also are attenuated more than 20dB below the permissible value. Therefore, the data / test setup is not presented in the report.

EUT	Module	Date of Test	2022-01-13
Factor	VULB 9162	Temp. / Humidity	20°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11n-20MHz_RX_Band1_CH44_ANT 0+1	Test Voltage	AC 120V/60Hz

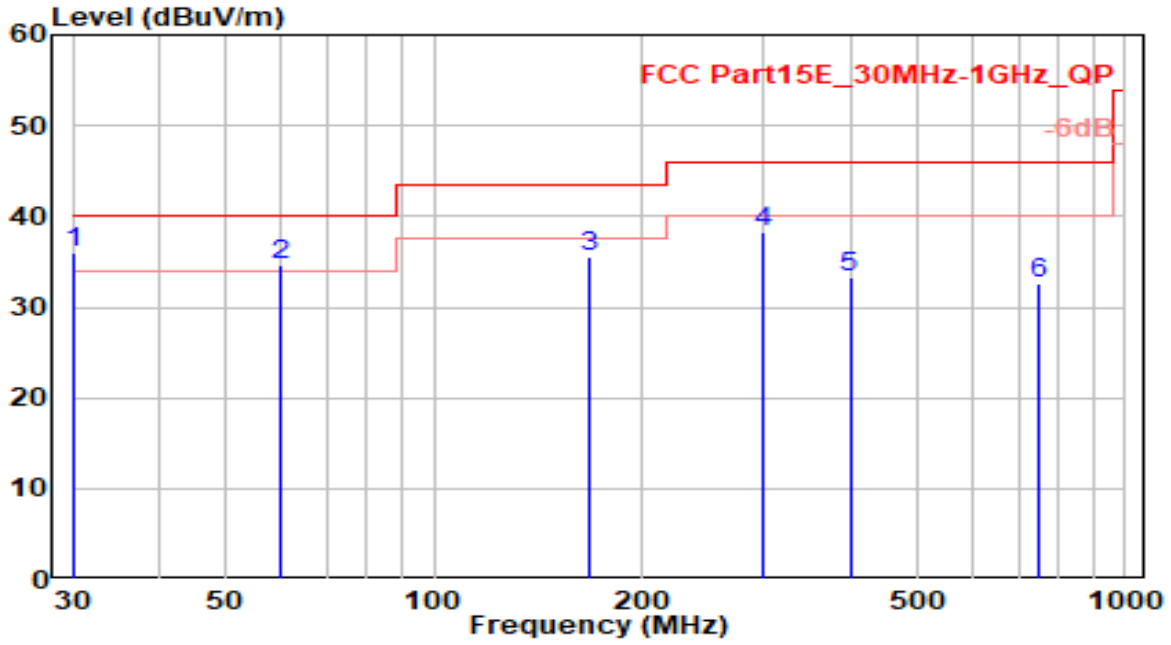


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		101.950	15.06	19.23	34.29	-9.21	43.50	150	260	QP
2	*	167.850	22.63	16.56	39.19	-4.31	43.50	100	275	QP
3		299.850	17.85	21.36	39.21	-6.79	46.00	100	190	QP
4		397.250	6.56	23.98	30.54	-15.46	46.00	100	155	QP
5		700.800	1.83	28.93	30.76	-15.24	46.00	100	0	QP
6		875.950	1.64	31.29	32.93	-13.07	46.00	150	75	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
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.
5. The amplitude of radiated emissions (frequency range from9kHz to 30MHz and 18GHz to 25GHz)is that proximity to ambient noise ,which also are attenuated more than 20dB below the permissible value. Therefore, the data / test setup is not presented in the report.

EUT	Module	Date of Test	2022-01-13
Factor	VULB 9162	Temp. / Humidity	20°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11n-20MHz_RX_Band1_CH44_ANT 0+1	Test Voltage	AC 120V/60Hz

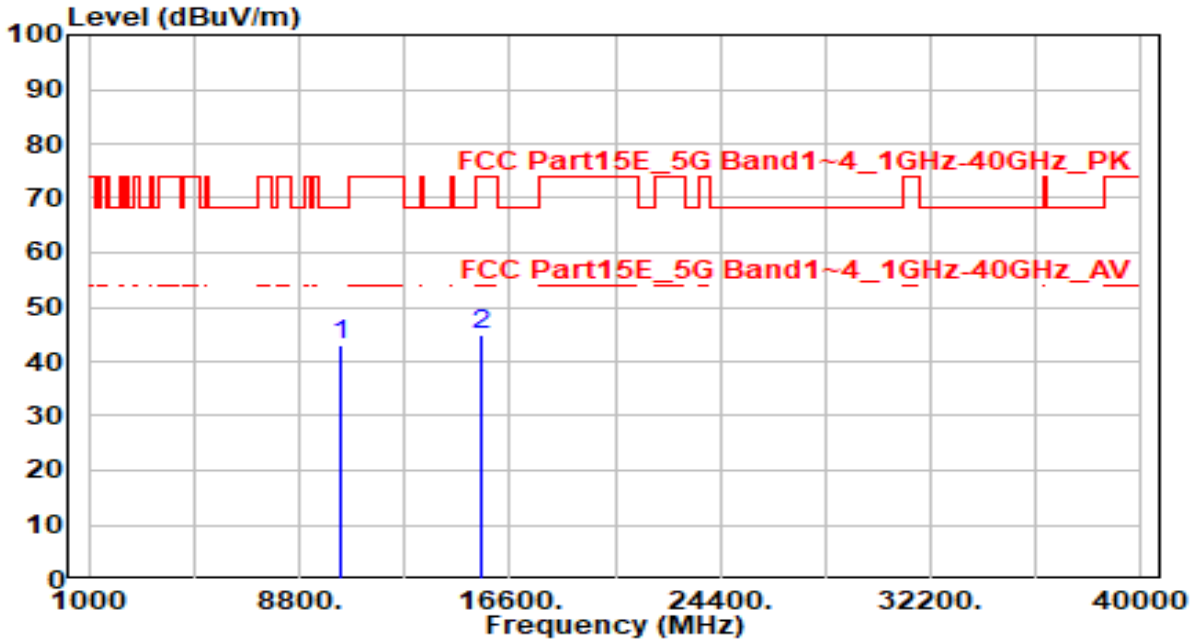


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	30.000	18.89	17.17	36.06	-3.94	40.00	100	255	QP
2		60.070	14.67	20.02	34.69	-5.31	40.00	100	275	QP
3		167.800	18.90	16.56	35.46	-8.04	43.50	100	355	QP
4		299.460	16.84	21.35	38.19	-7.81	46.00	150	10	QP
5		399.600	9.18	24.03	33.21	-12.79	46.00	150	215	QP
6		749.850	2.97	29.60	32.57	-13.43	46.00	150	25	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
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.
5. The amplitude of radiated emissions (frequency range from9kHz to 30MHz and 18GHz to 25GHz)is that proximity to ambient noise ,which also are attenuated more than 20dB below the permissible value. Therefore, the data / test setup is not presented in the report.

EUT	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36 ANT 0+1	Test Voltage	AC 120V/60Hz

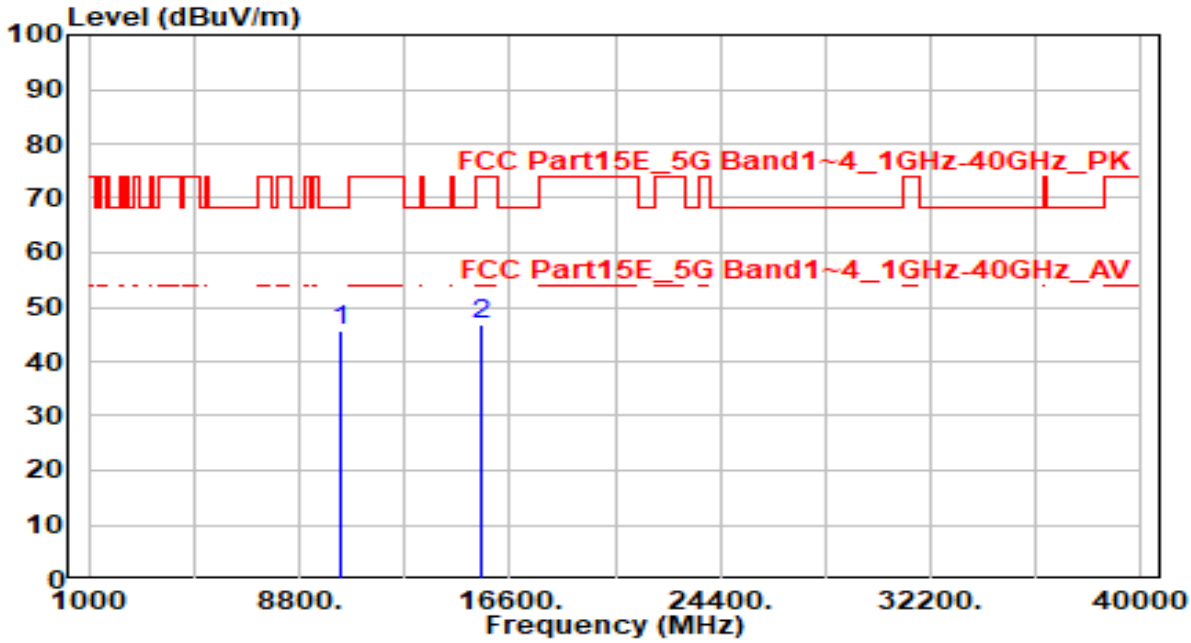


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	38.25	4.62	42.87	-25.33	68.20	185	360	Peak
2		15540.000	39.03	5.91	44.94	-29.06	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36 ANT 0+1	Test Voltage	AC 120V/60Hz

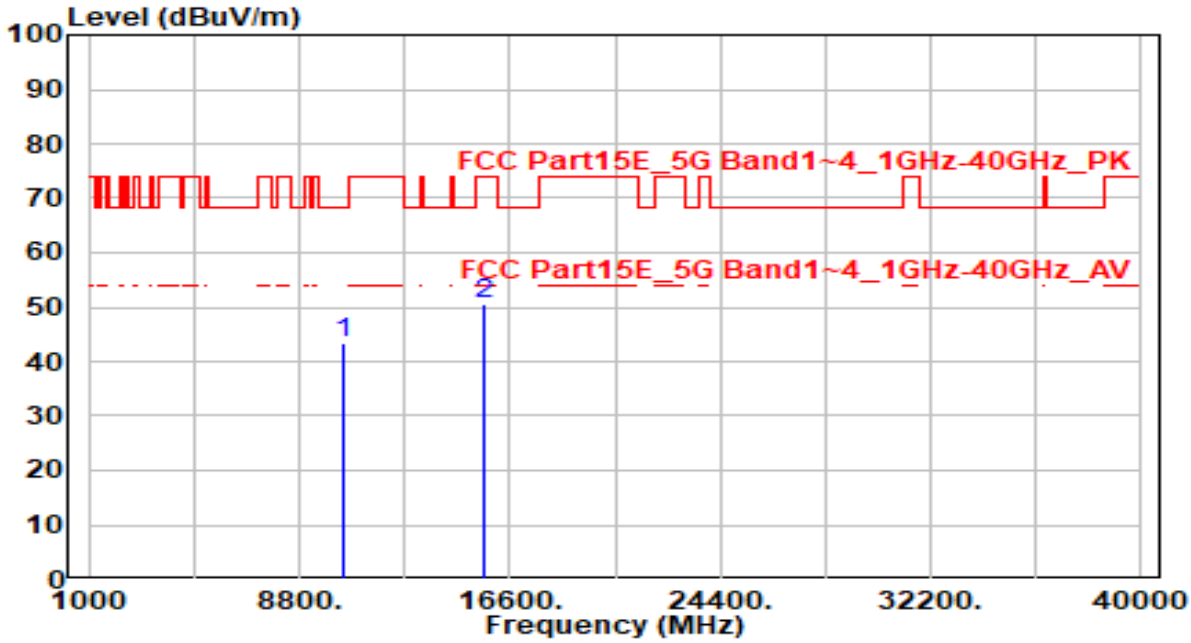


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	40.90	4.62	45.52	-22.68	68.20	200	20	Peak
2		15540.000	40.75	5.91	46.66	-27.34	74.00	200	315	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH44 ANT 0+1	Test Voltage	AC 120V/60Hz

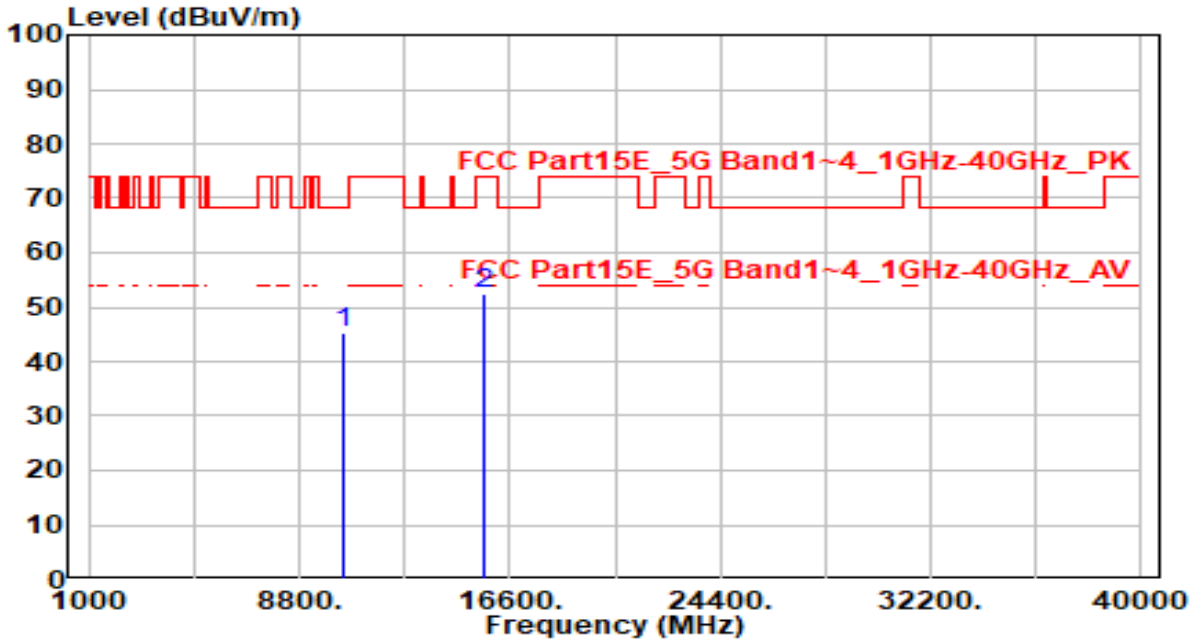


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	38.64	4.62	43.26	-24.94	68.20	200	15	Peak
2	*	15660.000	44.44	5.98	50.42	-23.58	74.00	200	25	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH44 ANT 0+1	Test Voltage	AC 120V/60Hz

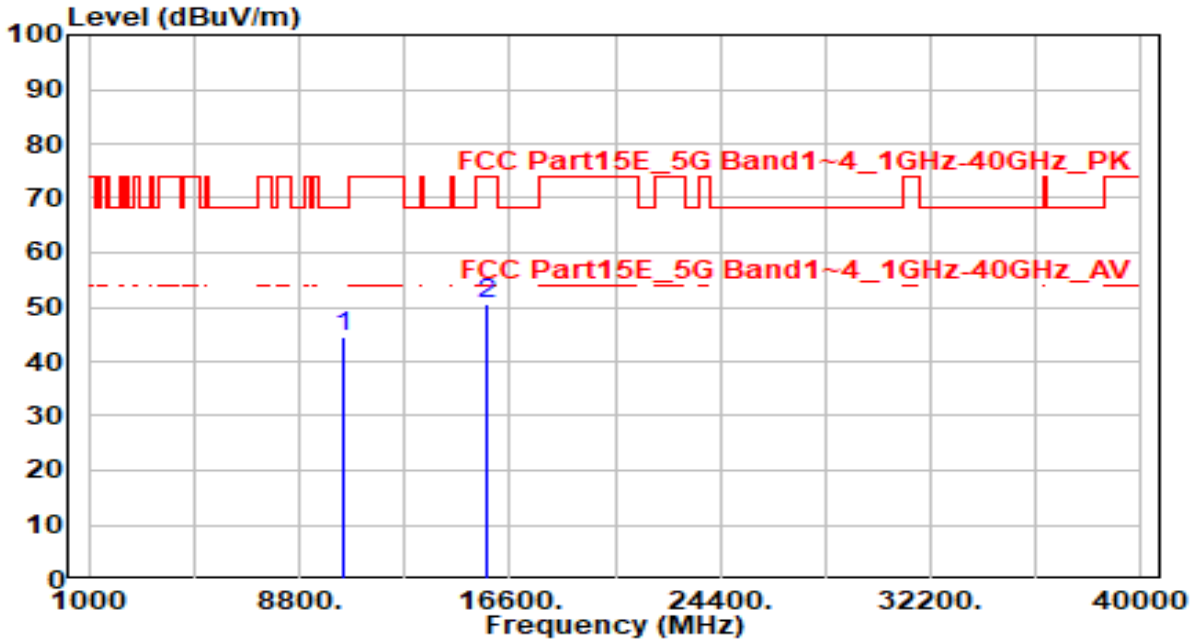


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	40.50	4.62	45.12	-23.08	68.20	175	360	Peak
2	*	15660.000	46.41	5.98	52.39	-21.61	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH48 ANT 0+1	Test Voltage	AC 120V/60Hz

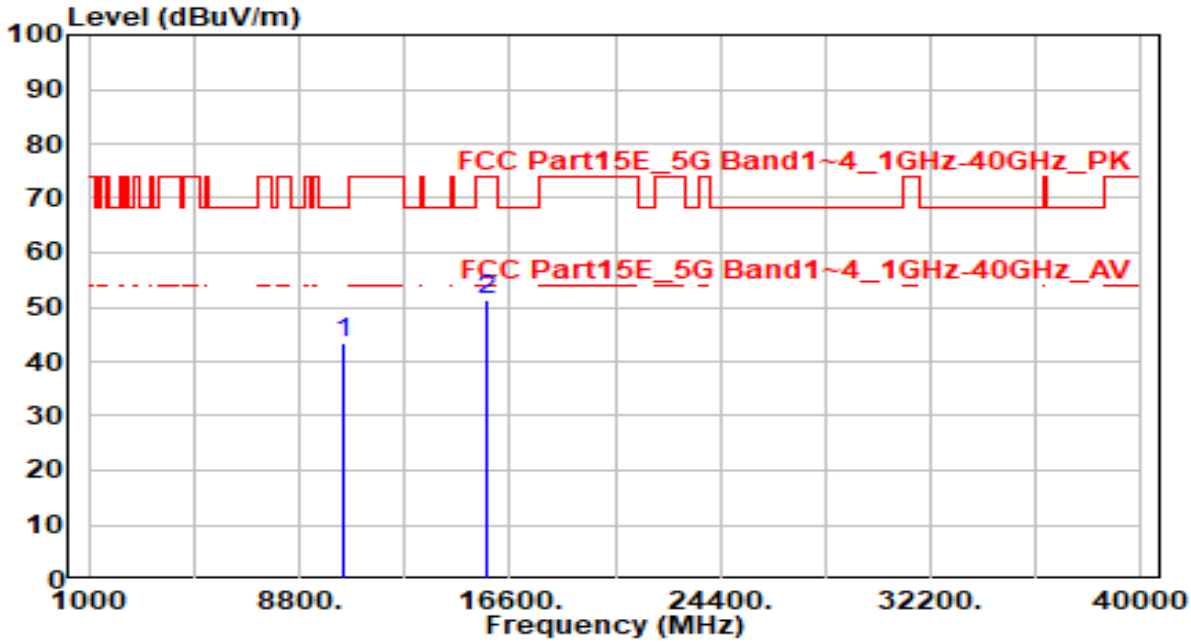


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	39.96	4.63	44.59	-23.61	68.20	105	0	Peak
2	*	15720.000	44.41	6.03	50.44	-23.56	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH48 ANT 0+1	Test Voltage	AC 120V/60Hz

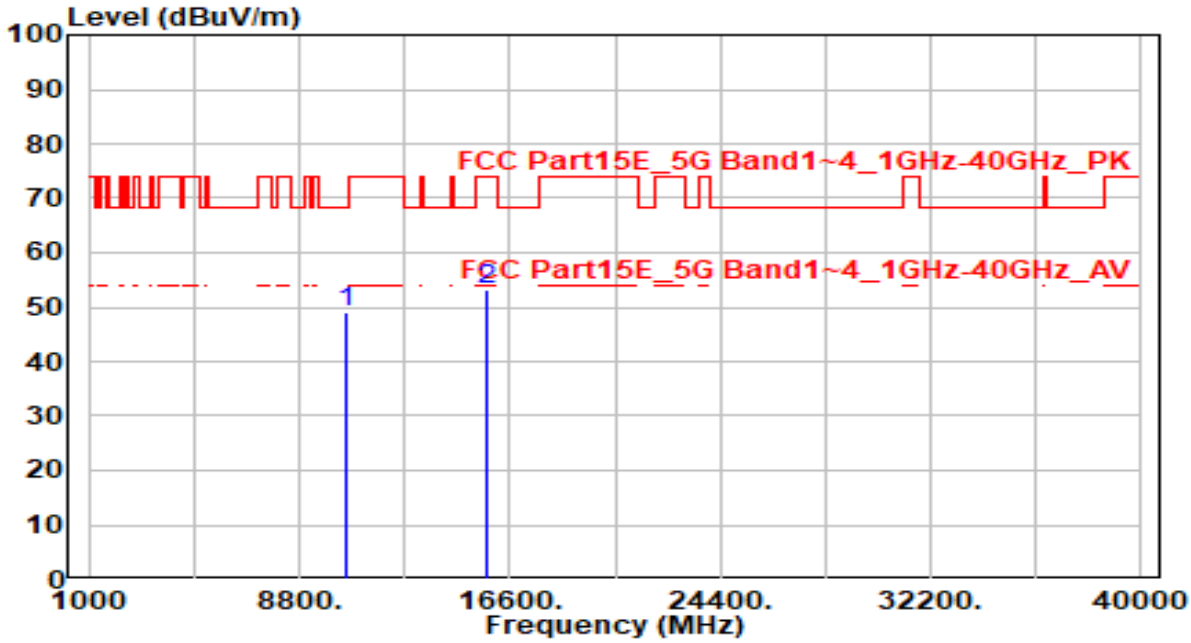


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	38.64	4.63	43.27	-24.93	68.20	200	15	Peak
2	*	15720.000	45.22	6.03	51.25	-22.75	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH52 ANT 0+1	Test Voltage	AC 120V/60Hz

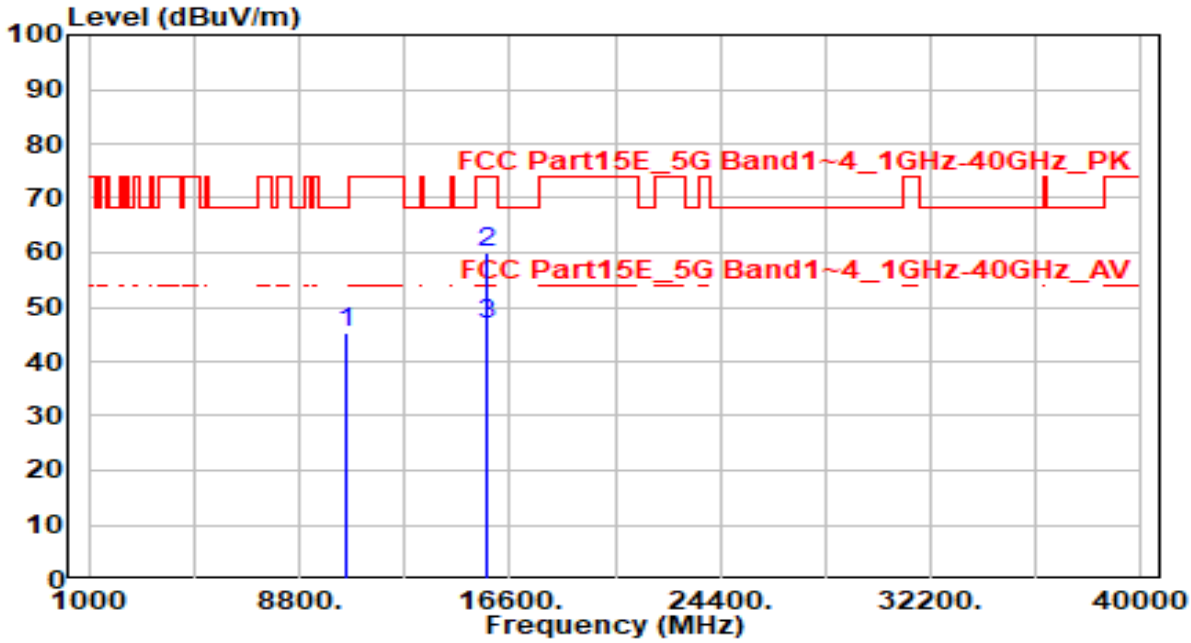


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10520.000	44.44	4.64	49.08	-19.12	68.20	100	15	Peak
2		15780.000	47.14	6.08	53.22	-20.78	74.00	200	245	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH52 ANT 0+1	Test Voltage	AC 120V/60Hz

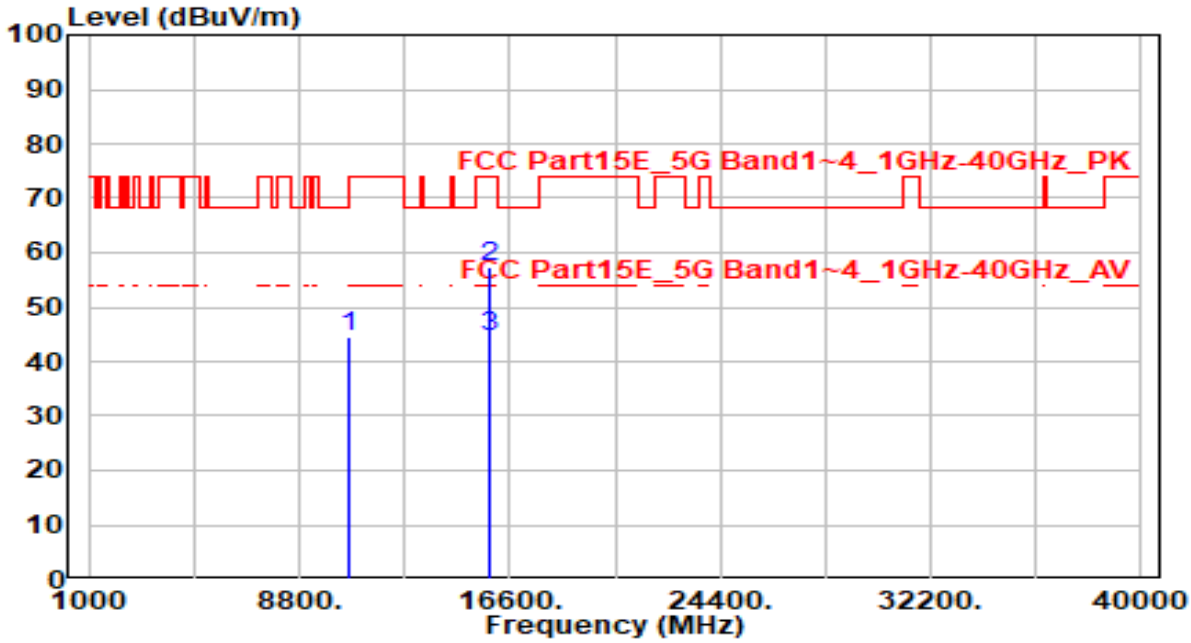


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10520.000	40.76	4.64	45.40	-22.80	68.20	100	25	Peak
2	*	15780.000	53.95	6.08	60.03	-13.97	74.00	200	330	Peak
3	*	15780.000	40.88	6.08	46.96	-7.04	54.00	200	330	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH60 ANT 0+1	Test Voltage	AC 120V/60Hz

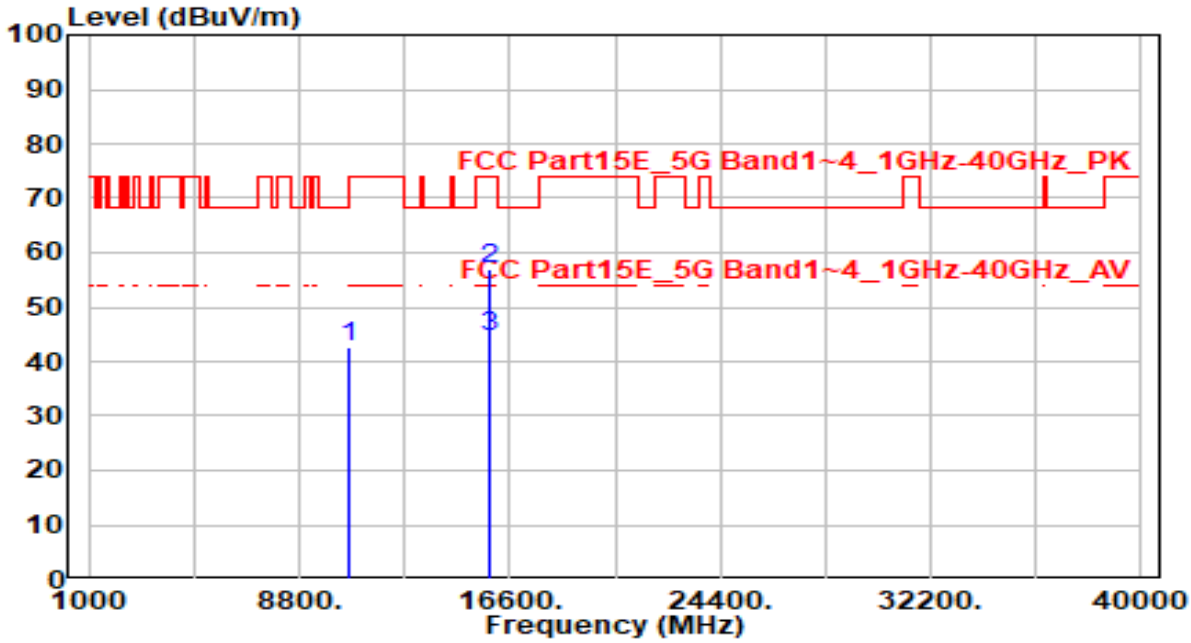


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10600.000	39.81	4.66	44.48	-23.72	68.20	235	0	Peak
2	*	15900.000	51.10	6.24	57.34	-16.66	74.00	200	245	Peak
3	*	15900.000	38.36	6.24	44.60	-9.40	54.00	200	245	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH60 ANT 0+1	Test Voltage	AC 120V/60Hz

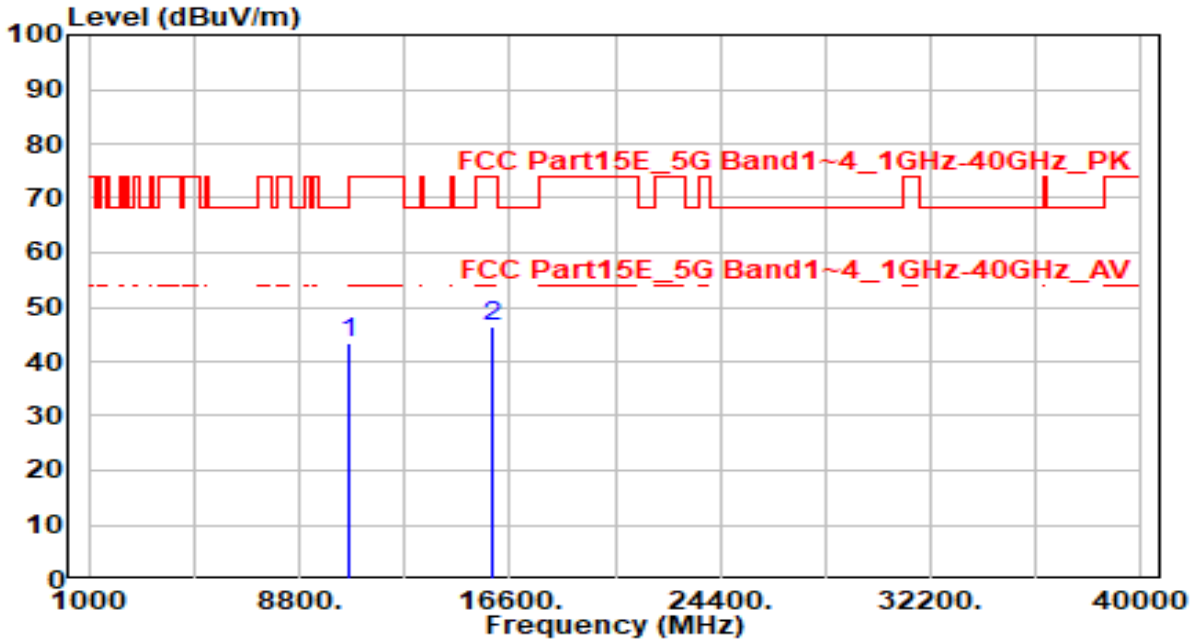


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10600.000	37.97	4.66	42.63	-25.57	68.20	300	0	Peak
2	*	15900.000	50.63	6.24	56.87	-17.13	74.00	205	330	Peak
3	*	15900.000	38.36	6.24	44.60	-9.40	54.00	205	330	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64 ANT 0+1	Test Voltage	AC 120V/60Hz

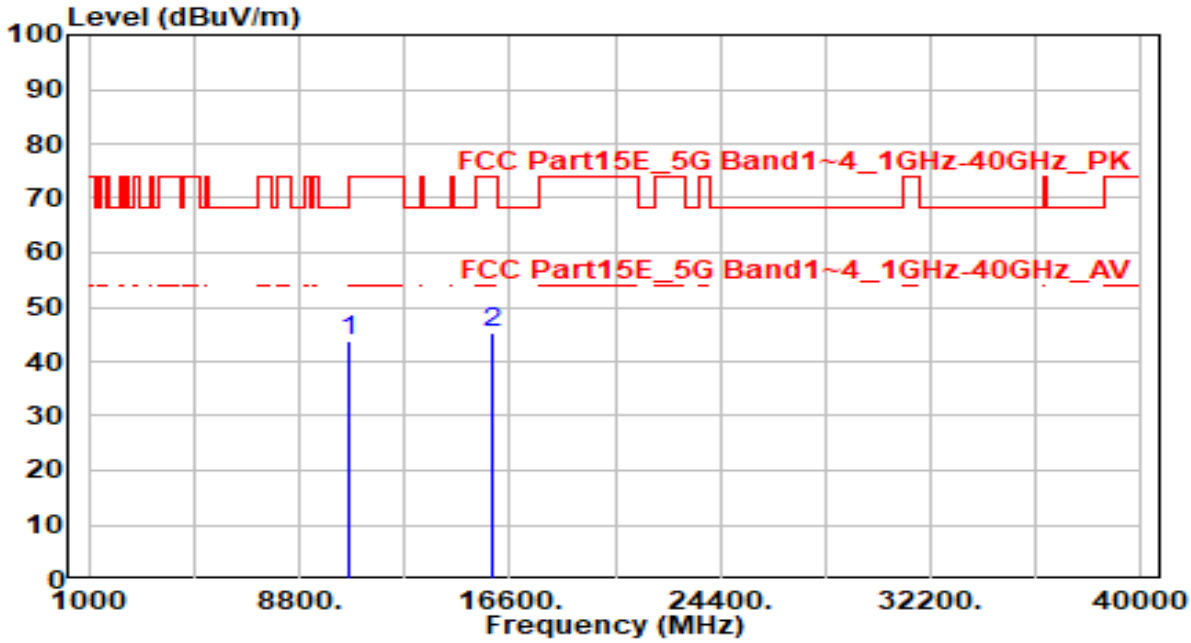


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	38.86	4.65	43.51	-30.49	74.00	200	15	Peak
2	*	15960.000	40.05	6.32	46.37	-27.63	74.00	200	330	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64 ANT 0+1	Test Voltage	AC 120V/60Hz

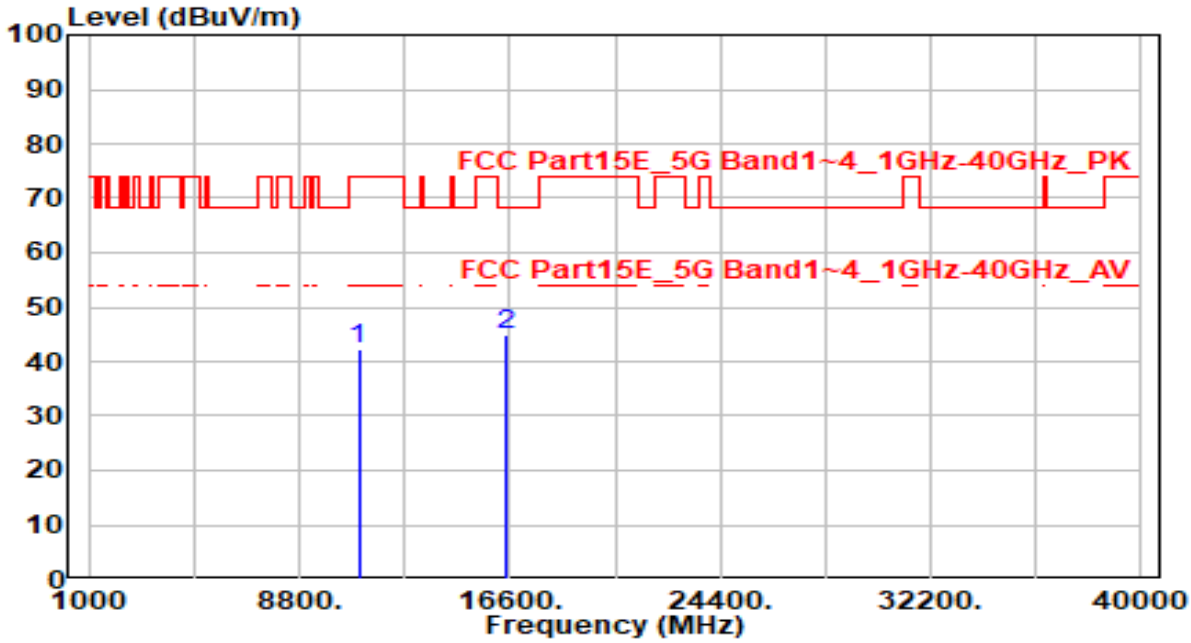


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	39.24	4.65	43.89	-30.11	74.00	200	15	Peak
2	*	15960.000	38.83	6.32	45.15	-28.85	74.00	200	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100 ANT 0+1	Test Voltage	AC 120V/60Hz

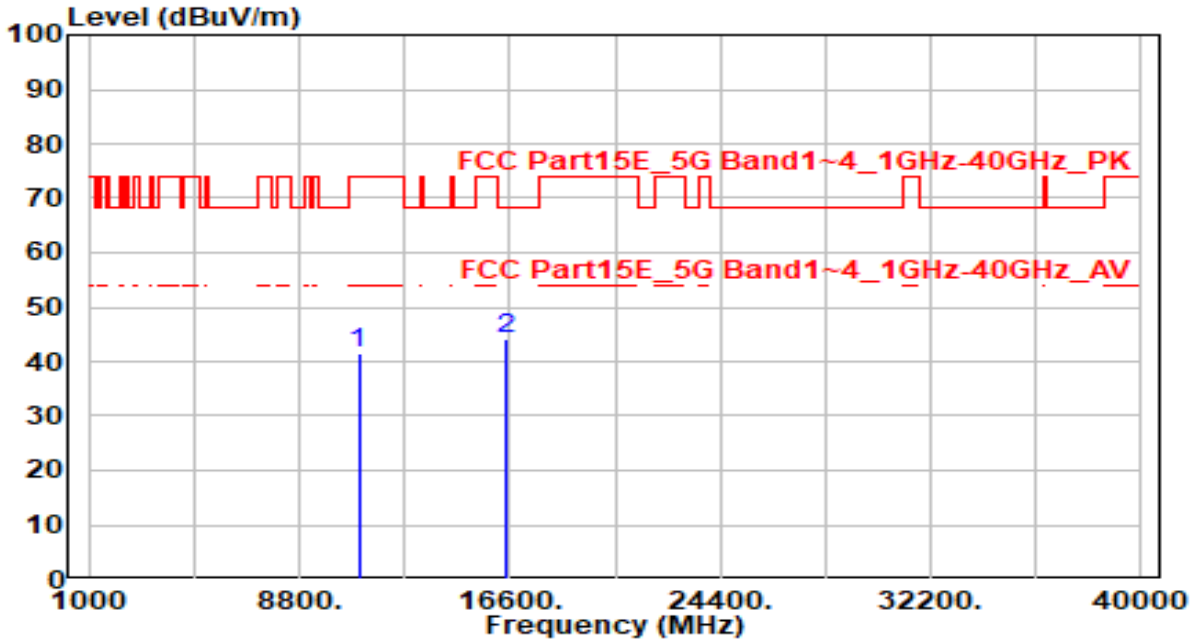


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	37.51	4.74	42.26	-31.74	74.00	200	105	Peak
2	*	16500.000	38.06	6.86	44.92	-23.28	68.20	200	315	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100 ANT 0+1	Test Voltage	AC 120V/60Hz

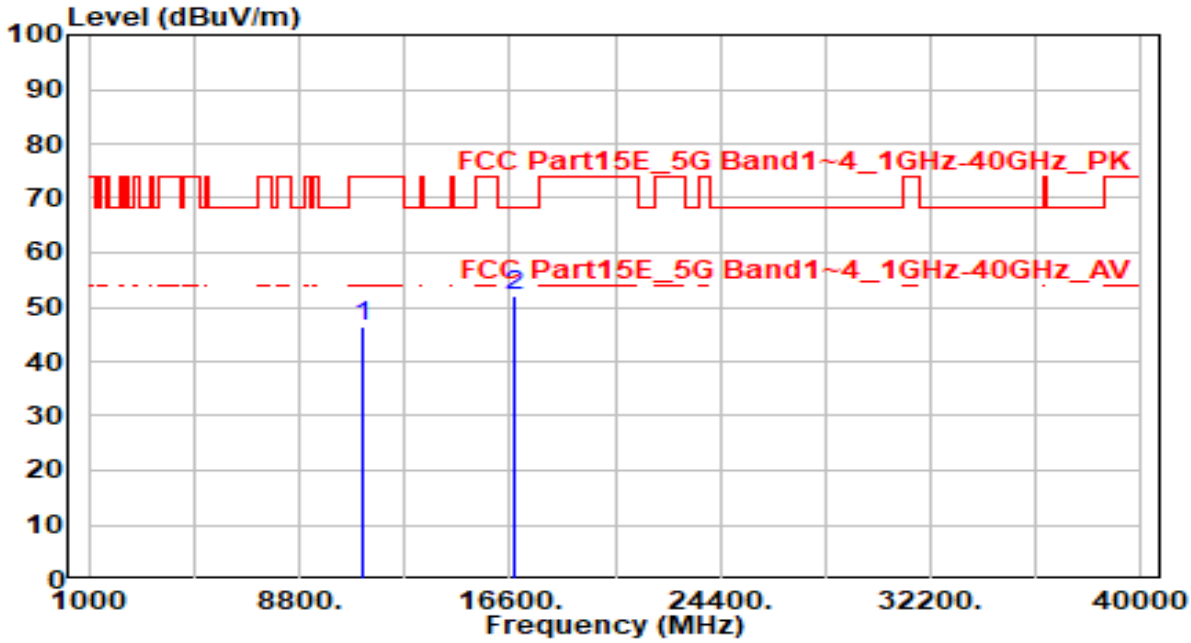


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	36.64	4.74	41.38	-32.62	74.00	200	45	Peak
2	*	16500.000	37.39	6.86	44.25	-23.95	68.20	200	80	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH120 ANT 0+1	Test Voltage	AC 120V/60Hz

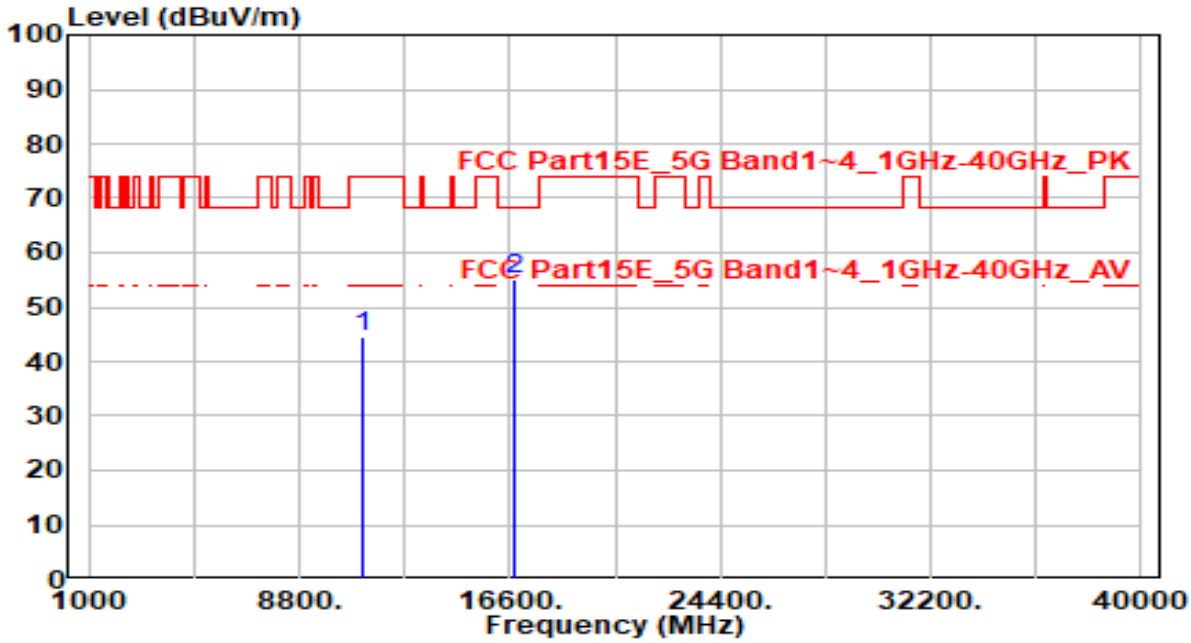


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	41.44	5.06	46.50	-27.50	74.00	200	360	Peak
2	*	16800.000	44.81	7.26	52.07	-16.13	68.20	200	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH120 ANT 0+1	Test Voltage	AC 120V/60Hz

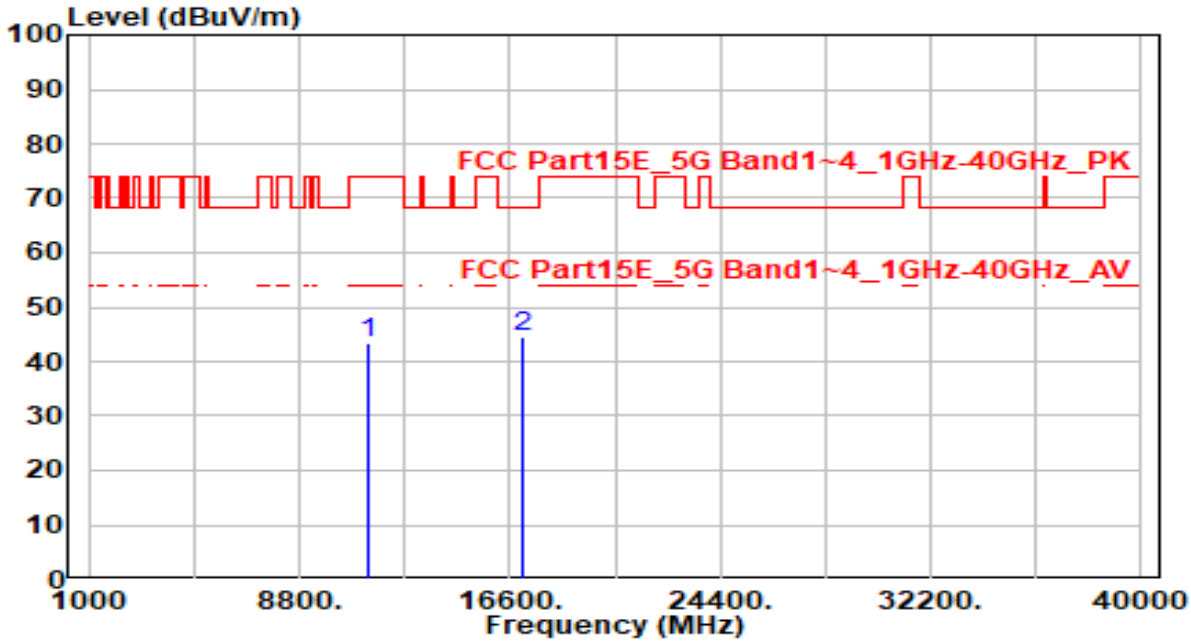


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	39.37	5.06	44.43	-29.57	74.00	200	45	Peak
2	*	16800.000	47.89	7.26	55.15	-13.05	68.20	200	330	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140 ANT 0+1	Test Voltage	AC 120V/60Hz

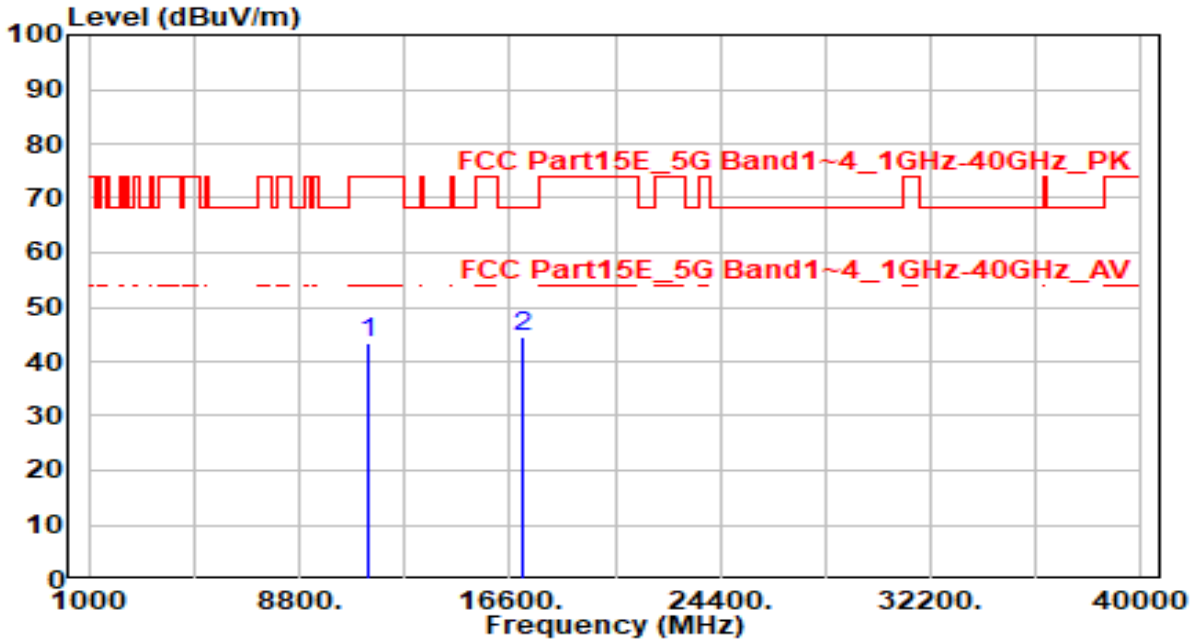


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	38.29	5.18	43.48	-30.52	74.00	200	0	Peak
2	*	17100.000	39.16	5.41	44.57	-23.63	68.20	190	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	Module	Date of Test	2022-01-18
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	20.2°C /56%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140 ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	38.40	5.18	43.58	-30.42	74.00	200	355	Peak
2	*	17100.000	39.26	5.41	44.67	-23.53	68.20	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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.