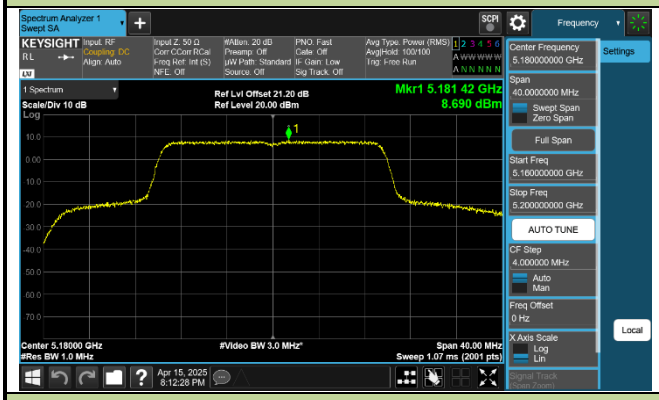
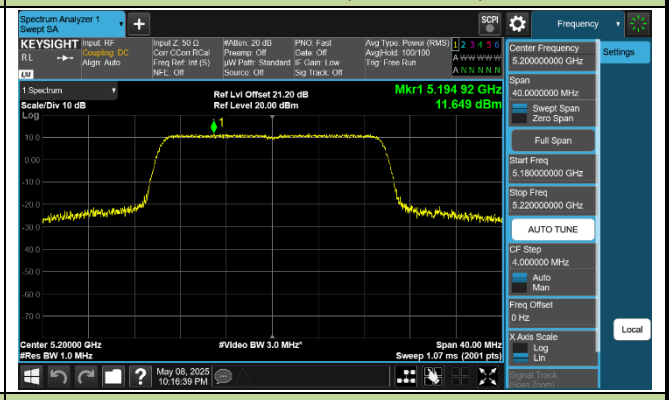
802.11ax-HE20 Power Spectral Density - Ant 1

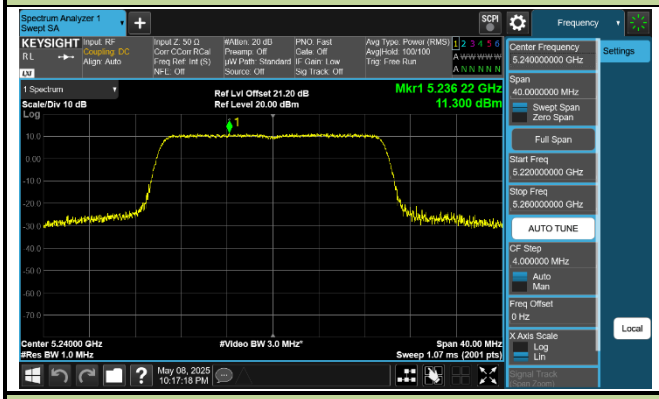
Channel 36 (5180MHz)



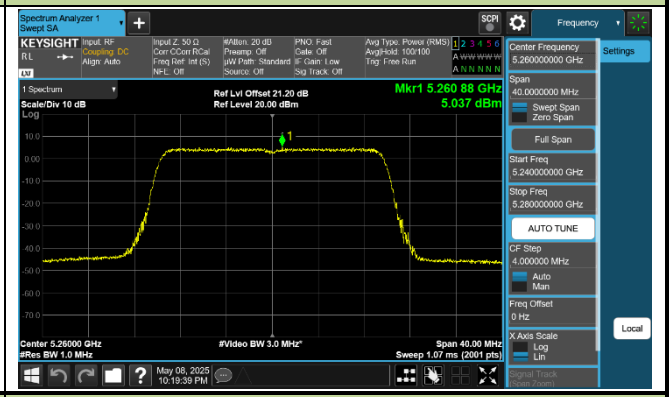
Channel 40 (5200MHz)



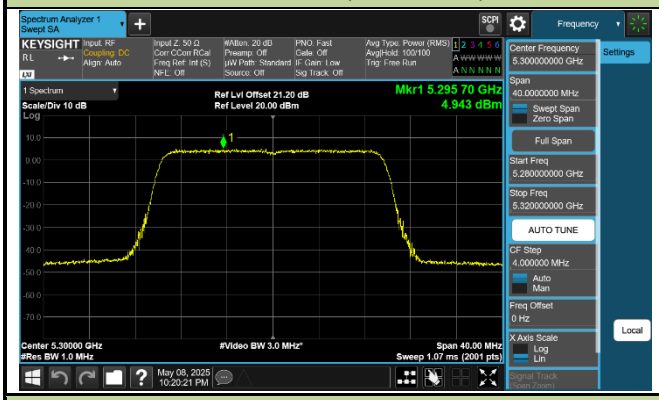
Channel 48 (5240MHz)



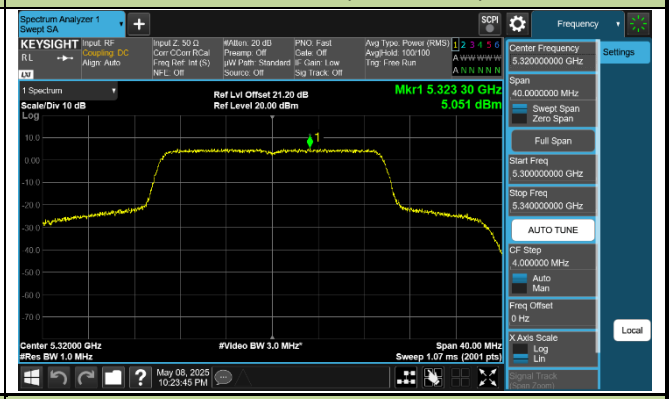
Channel 52 (5260MHz)



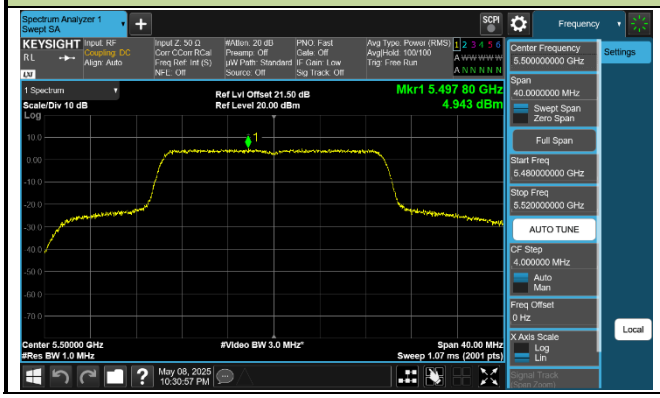
Channel 60 (5300MHz)



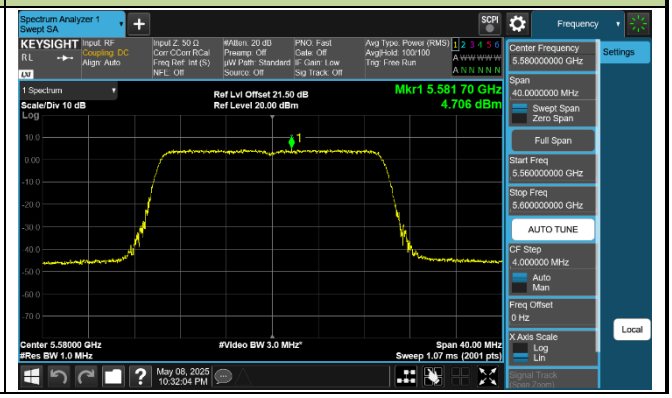
Channel 64 (5320MHz)



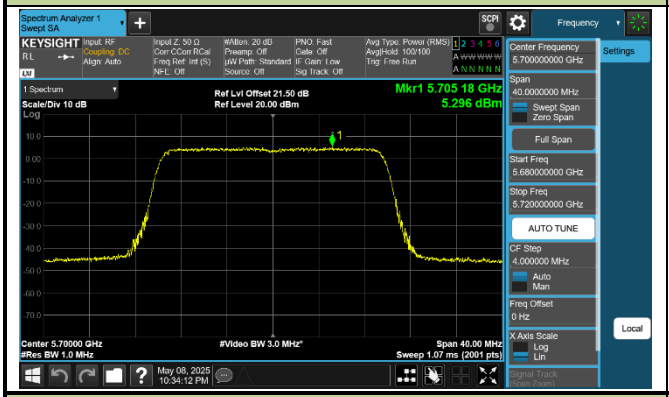
Channel 100 (5500MHz)



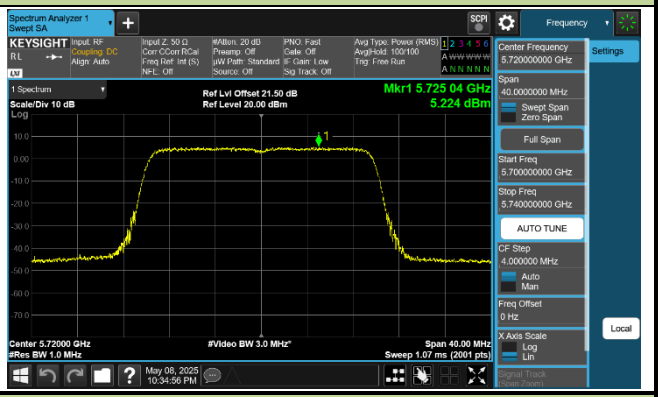
Channel 116 (5580MHz)



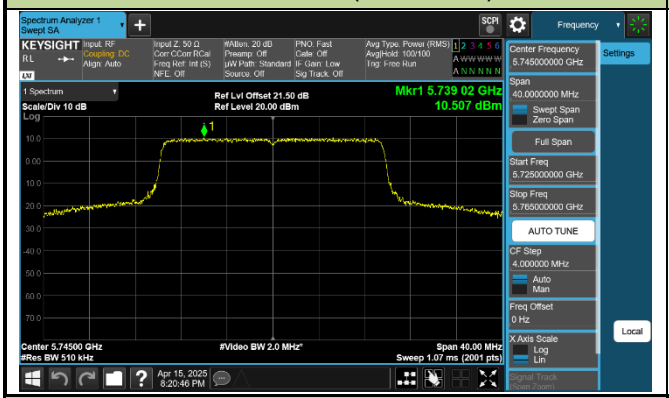
Channel 140 (5700MHz)



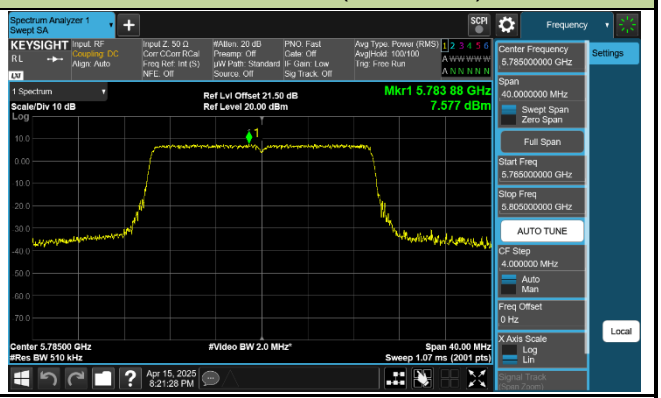
Channel 144 (5720MHz)



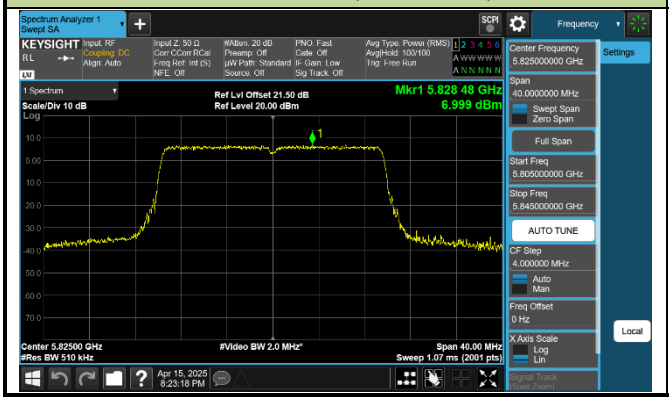
Channel 149 (5745MHz)



Channel 157 (5785MHz)

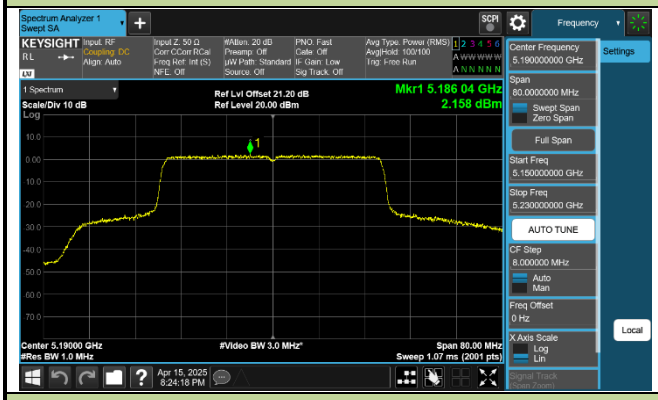


Channel 165 (5825MHz)

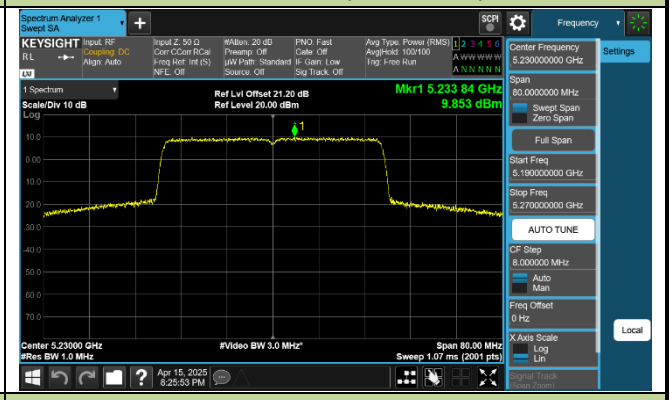


802.11ax-HE40 Power Spectral Density - Ant 1

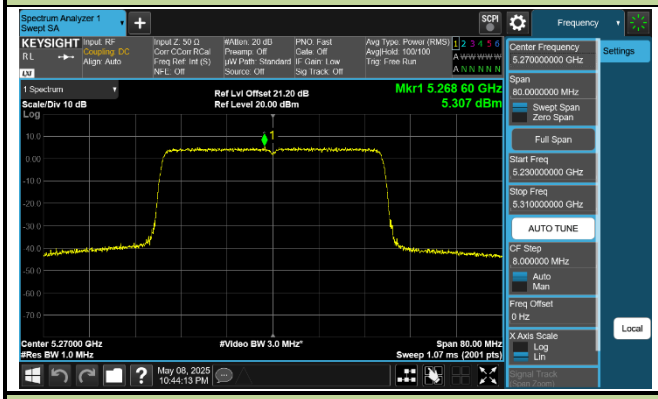
Channel 38 (5190MHz)



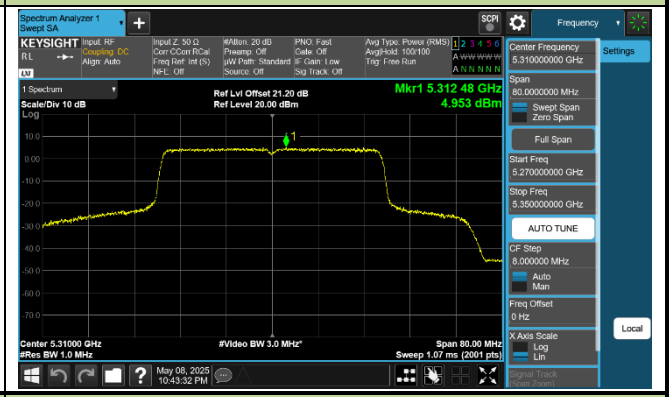
Channel 46 (5230MHz)



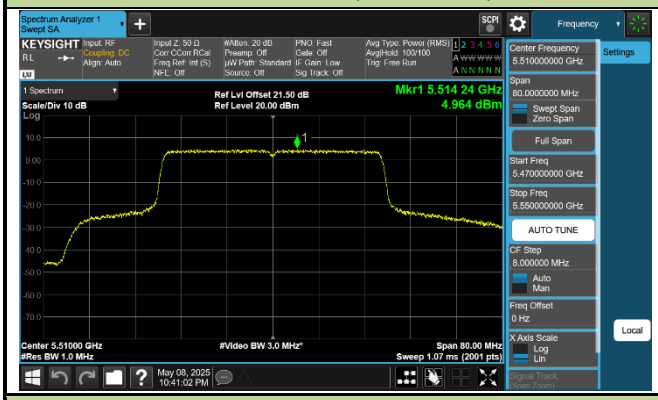
Channel 54 (5270MHz)



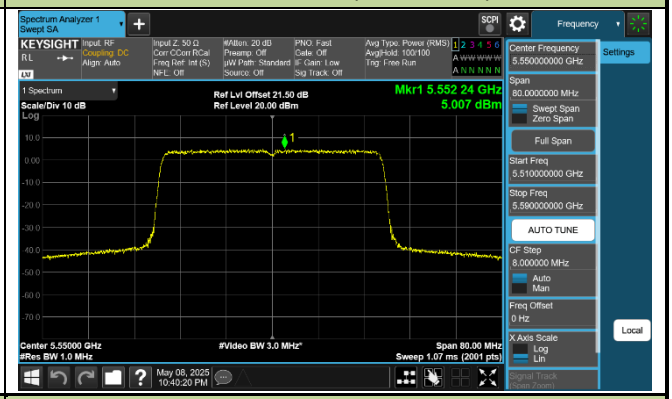
Channel 62 (5310MHz)



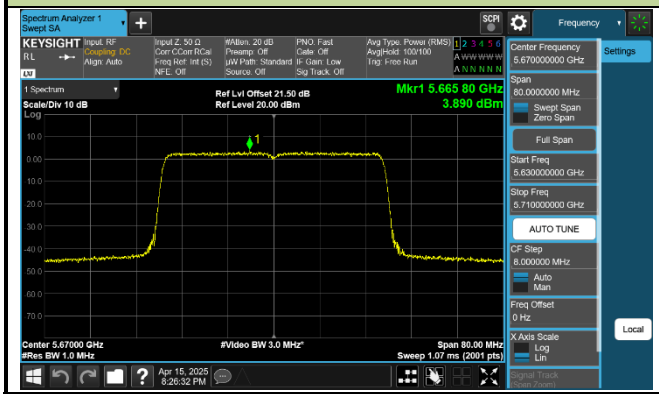
Channel 102 (5510MHz)



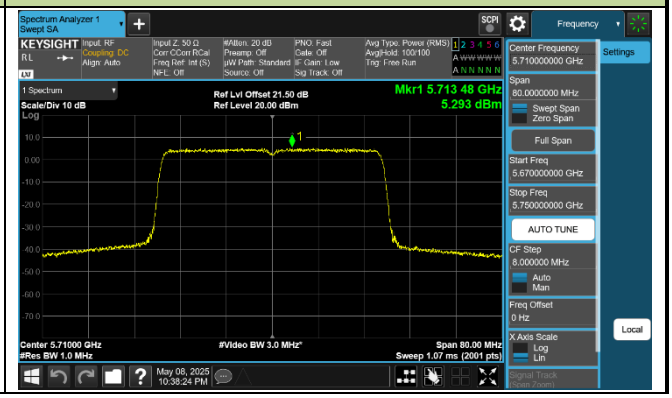
Channel 110 (5550MHz)



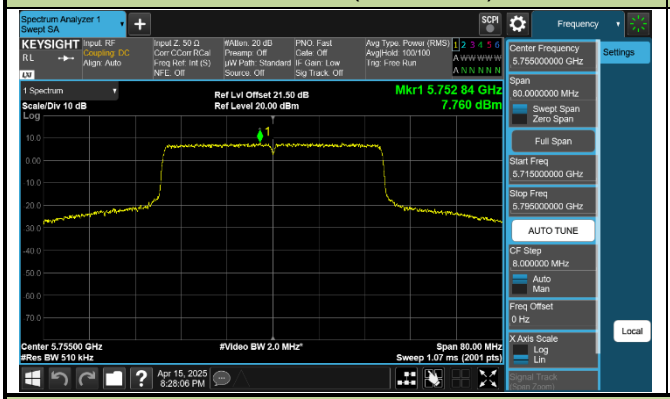
Channel 134 (5670MHz)



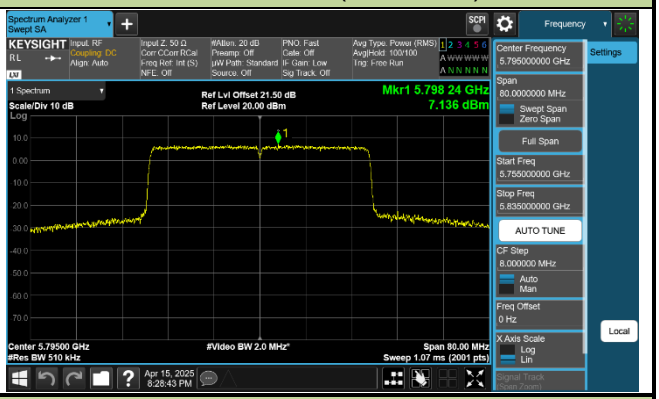
Channel 142 (5710MHz)



Channel 151 (5755MHz)

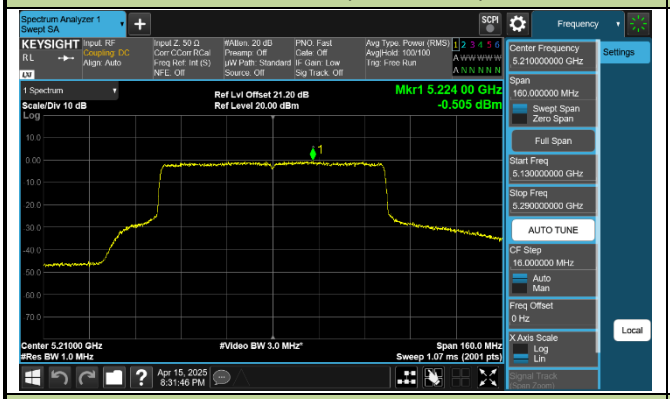


Channel 159 (5795MHz)

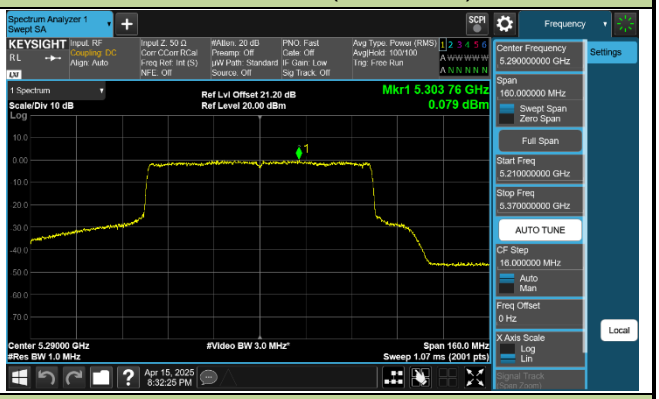


802.11ax-HE80 Power Spectral Density - Ant 1

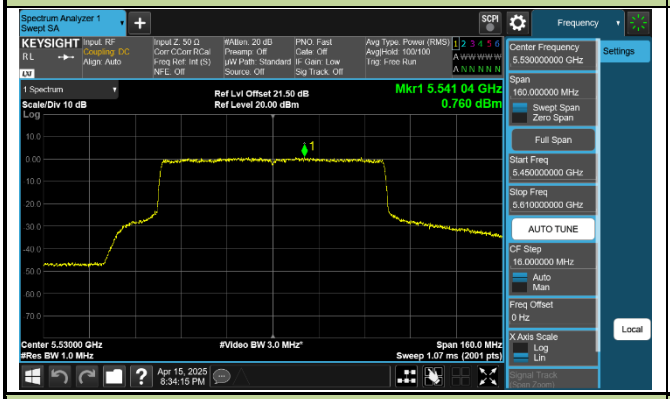
Channel 42 (5210MHz)



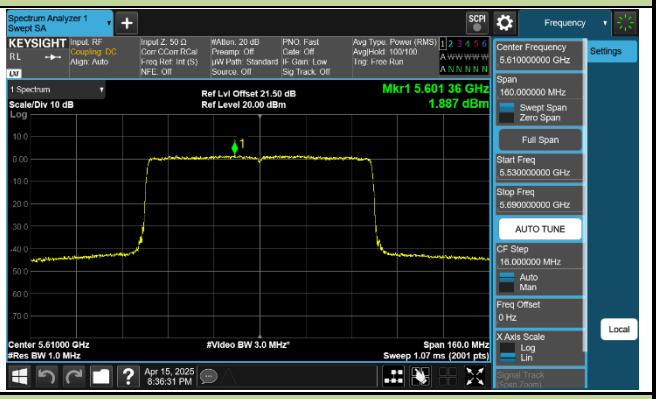
Channel 58 (5290MHz)



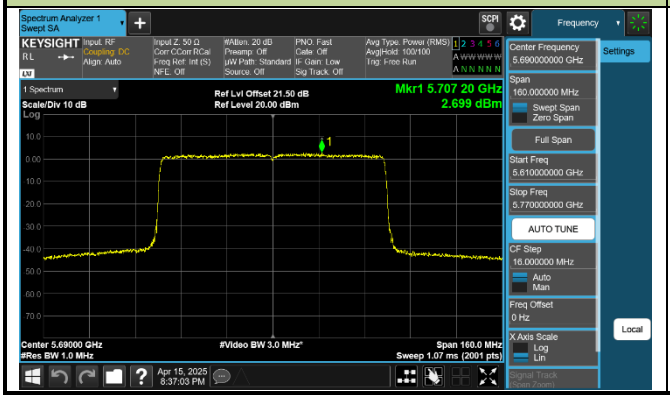
Channel 106 (5530MHz)



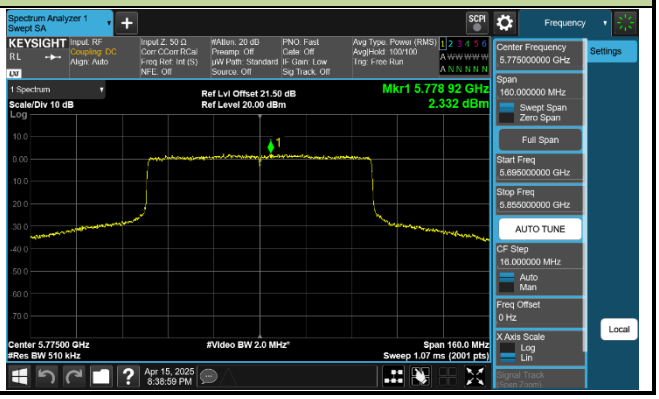
Channel 122 (5610MHz)

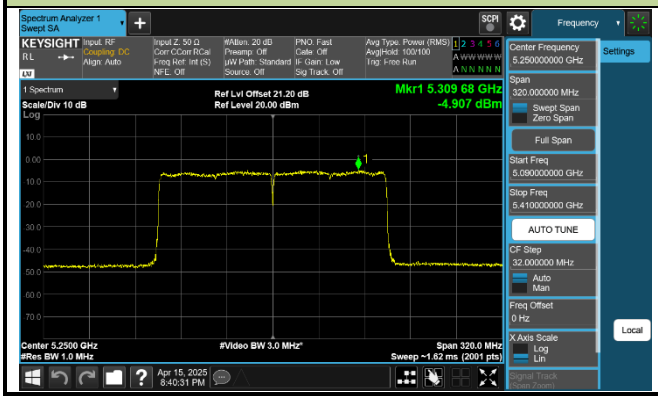
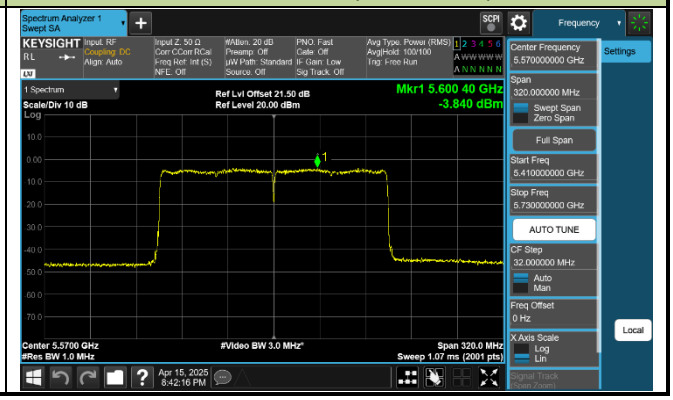


Channel 138 (5690MHz)



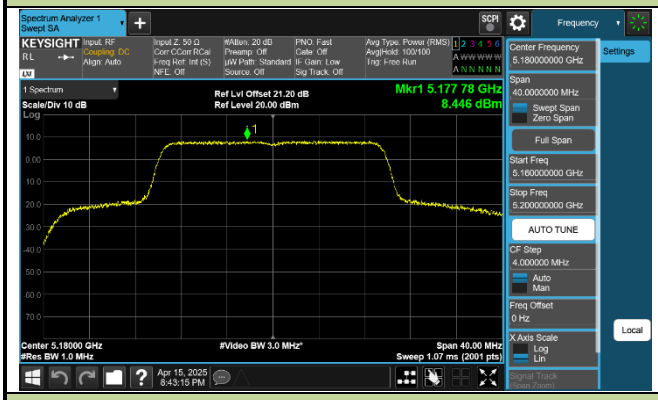
Channel 155 (5775MHz)



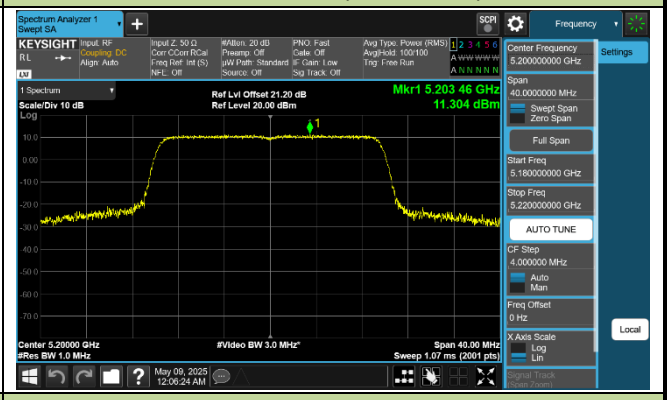
802.11ax-HE160 Power Spectral Density - Ant 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

802.11be-EHT20 Power Spectral Density - Ant 1

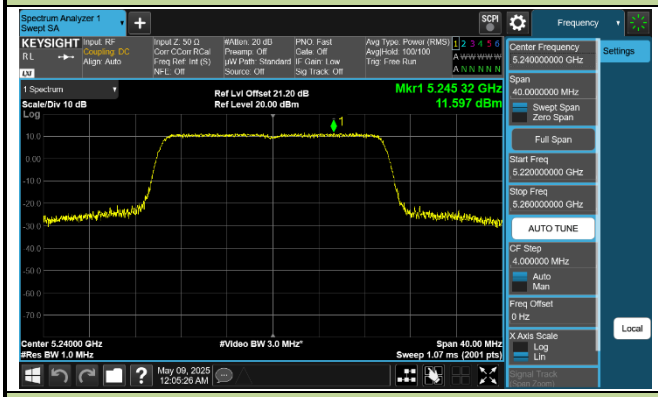
Channel 36 (5180MHz)



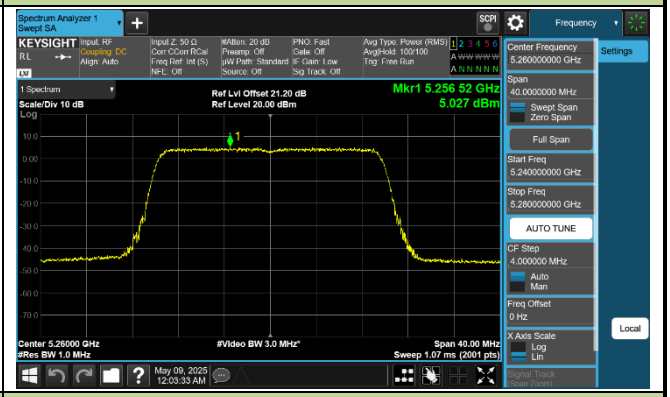
Channel 40 (5200MHz)



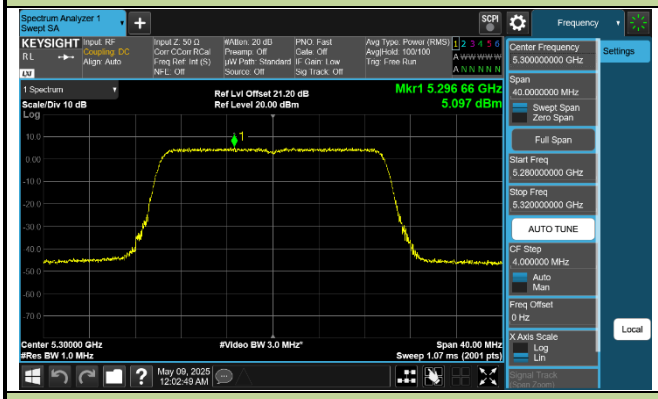
Channel 48 (5240MHz)



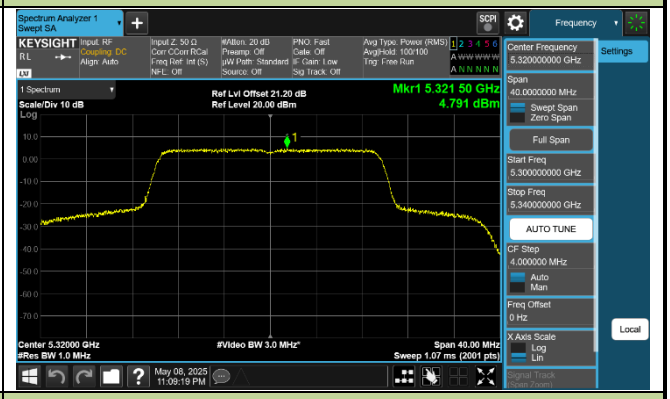
Channel 52 (5260MHz)



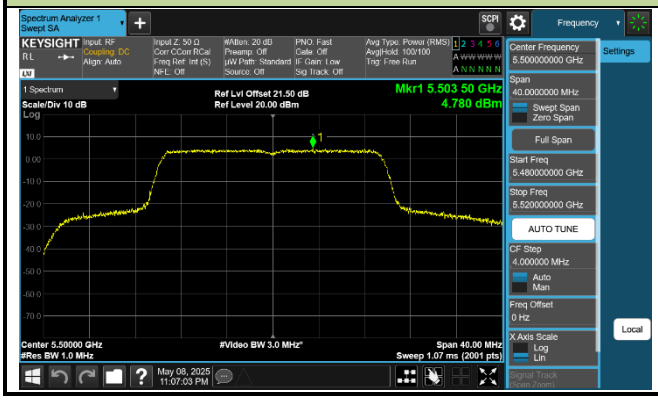
Channel 60 (5300MHz)



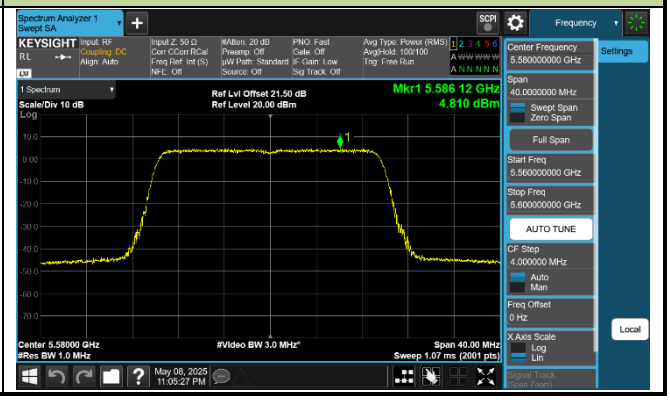
Channel 64 (5320MHz)

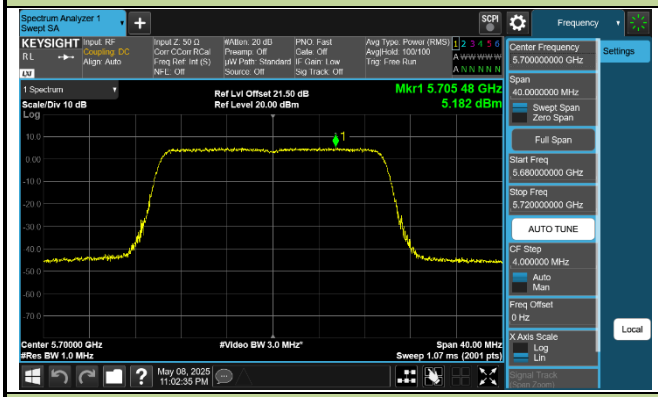
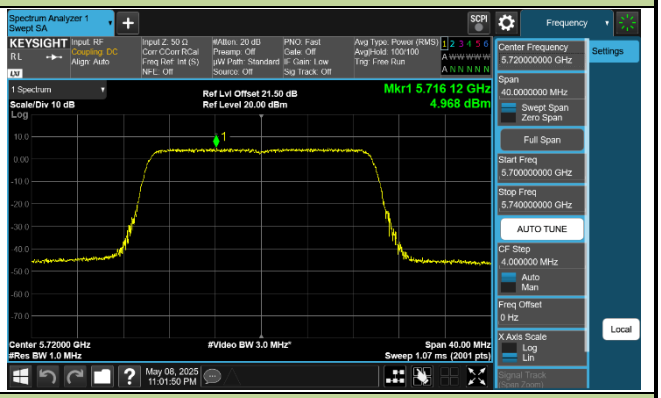
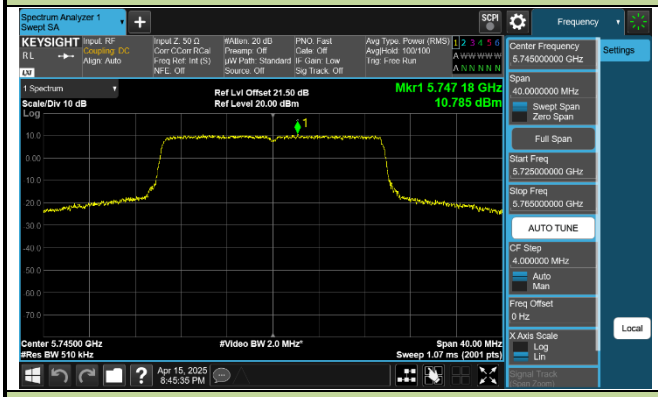
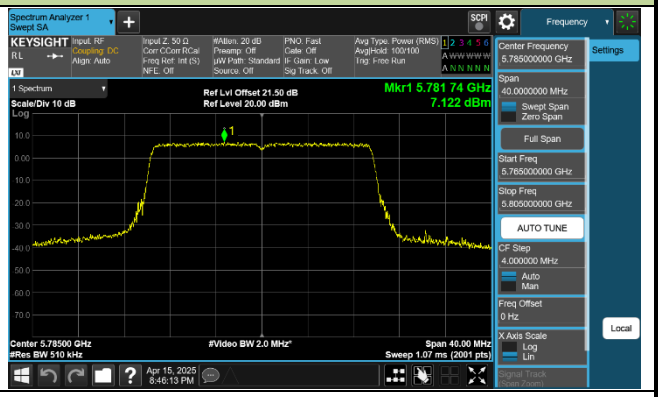
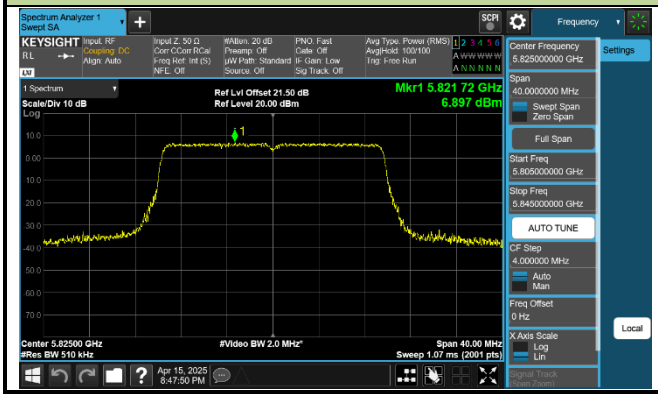


Channel 100 (5500MHz)



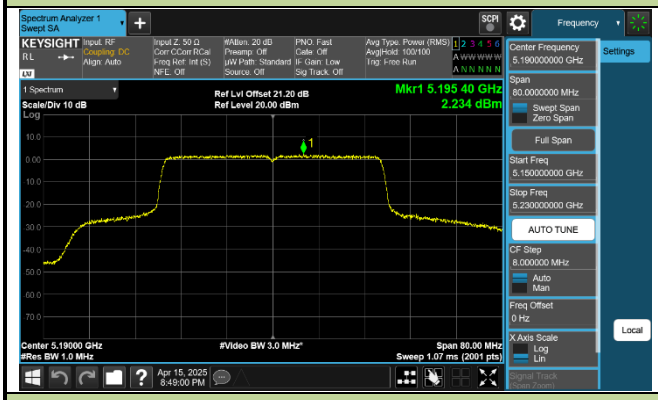
Channel 116 (5580MHz)



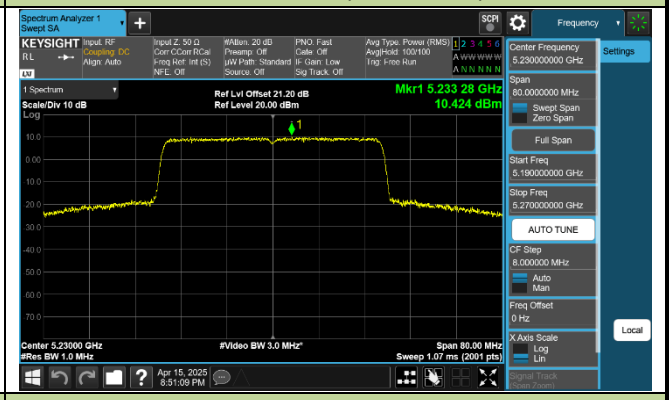
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	
Channel 165 (5825MHz)	
	

802.11be-EHT40 Power Spectral Density - Ant 1

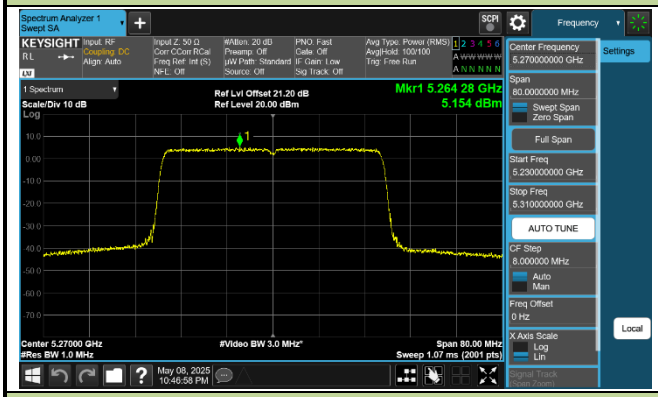
Channel 38 (5190MHz)



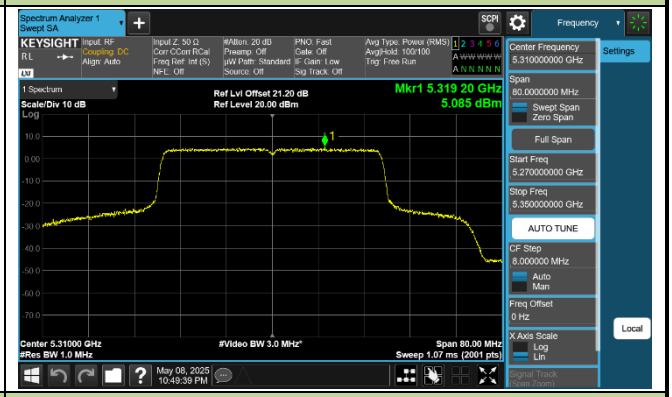
Channel 46 (5230MHz)



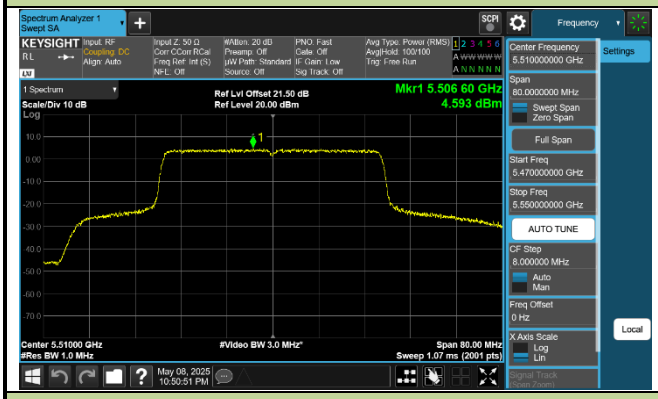
Channel 54 (5270MHz)



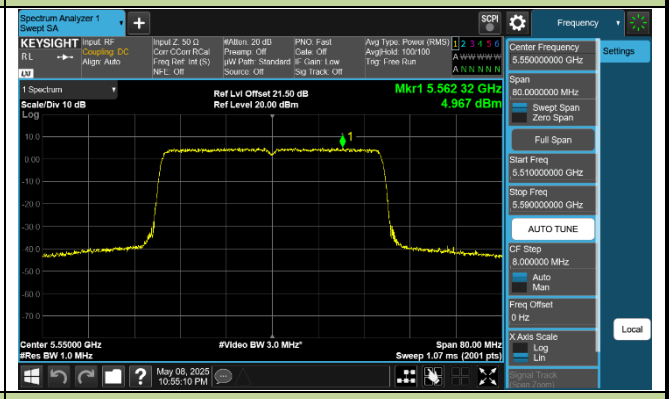
Channel 62 (5310MHz)



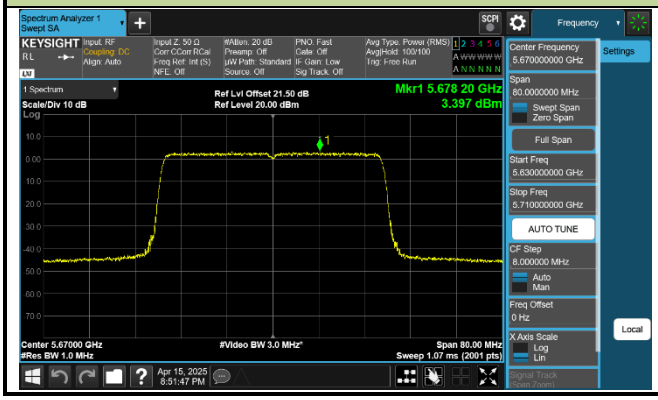
Channel 102 (5510MHz)



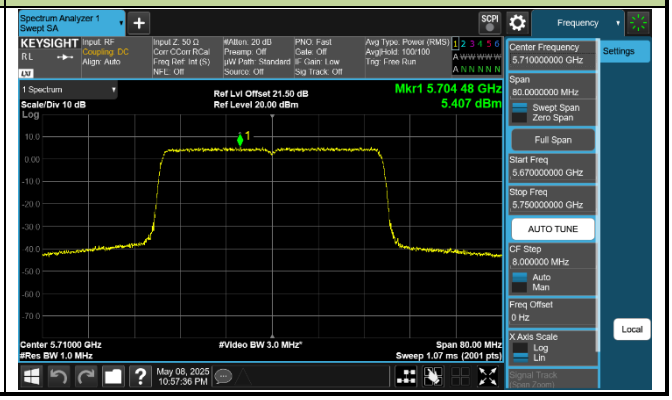
Channel 110 (5550MHz)

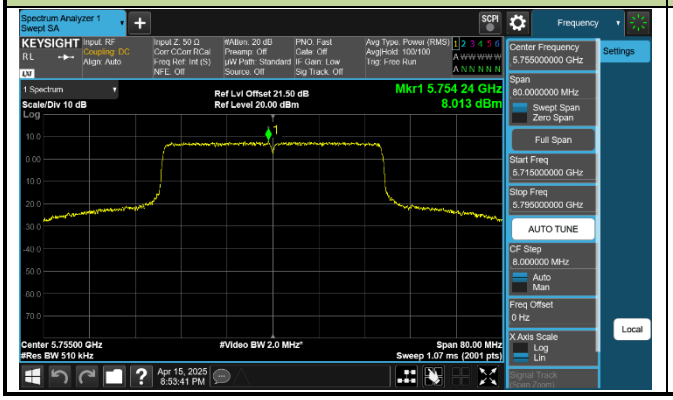
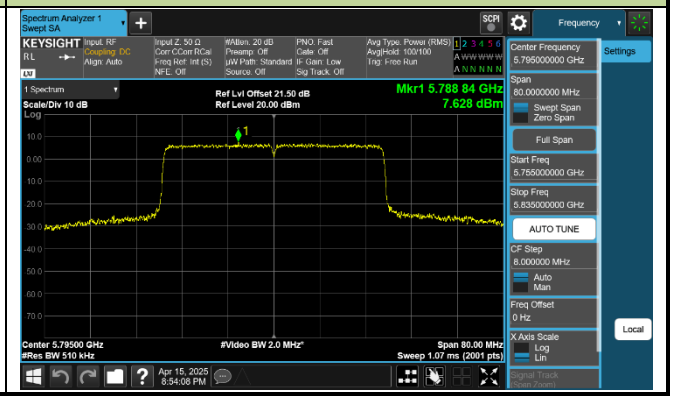


Channel 134 (5670MHz)



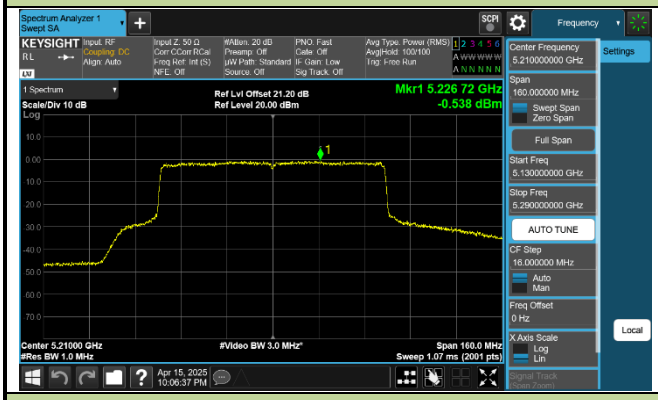
Channel 142 (5710MHz)



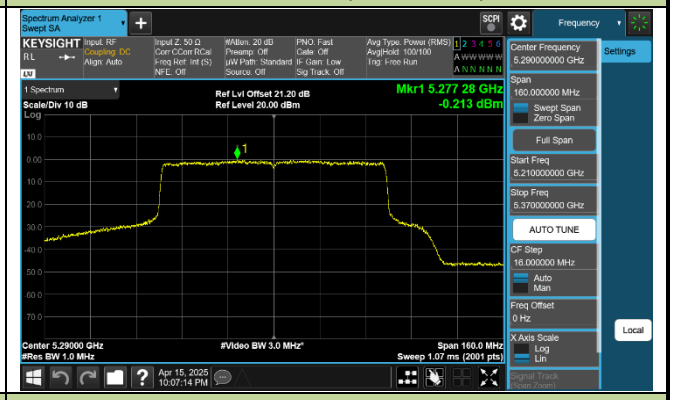
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11be-EHT80 Power Spectral Density - Ant 1

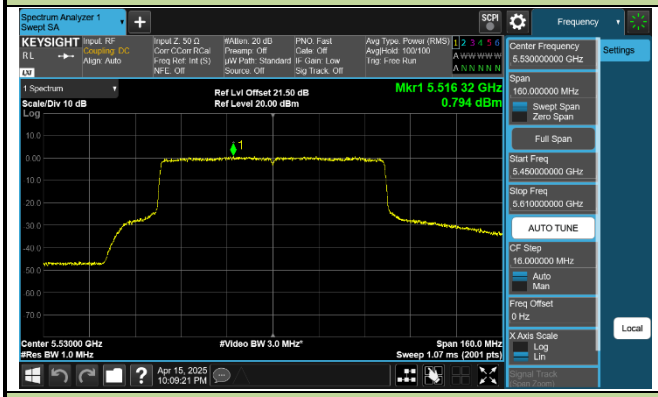
Channel 42 (5210MHz)



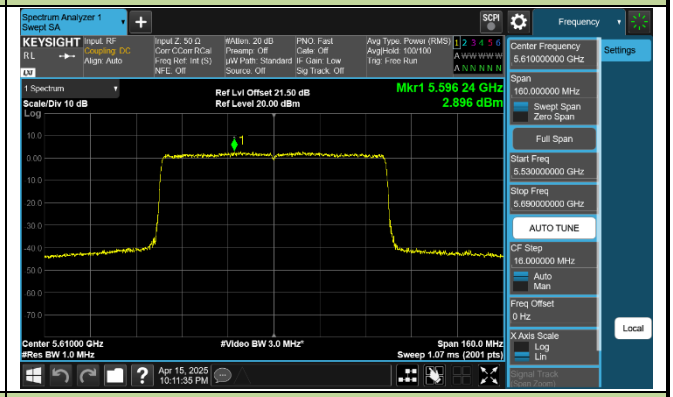
Channel 58 (5290MHz)



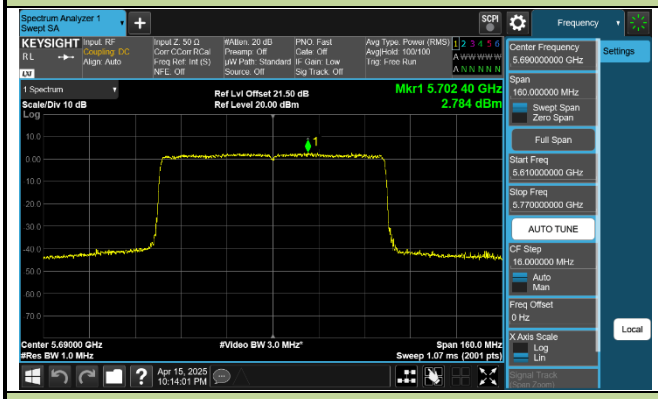
Channel 106 (5530MHz)



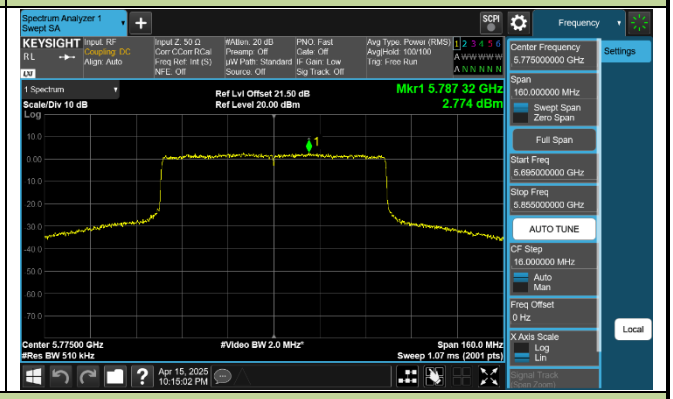
Channel 122 (5610MHz)



Channel 138 (5690MHz)

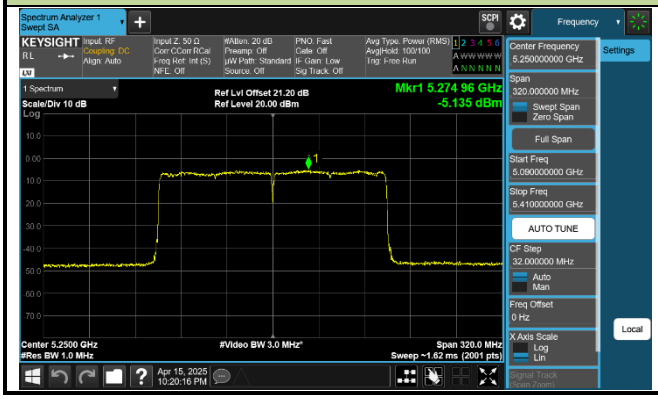


Channel 155 (5775MHz)

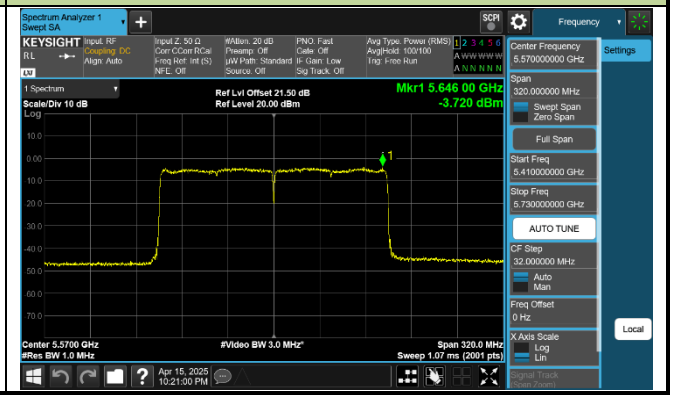


802.11be-EHT160 Power Spectral Density - Ant 1

Channel 50 (5250MHz)



Channel 114 (5570MHz)



7.7. Frequency Stability Measurement

7.7.1.Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.7.2.Test Limit

Frequency Stability Under Temperature Variations:

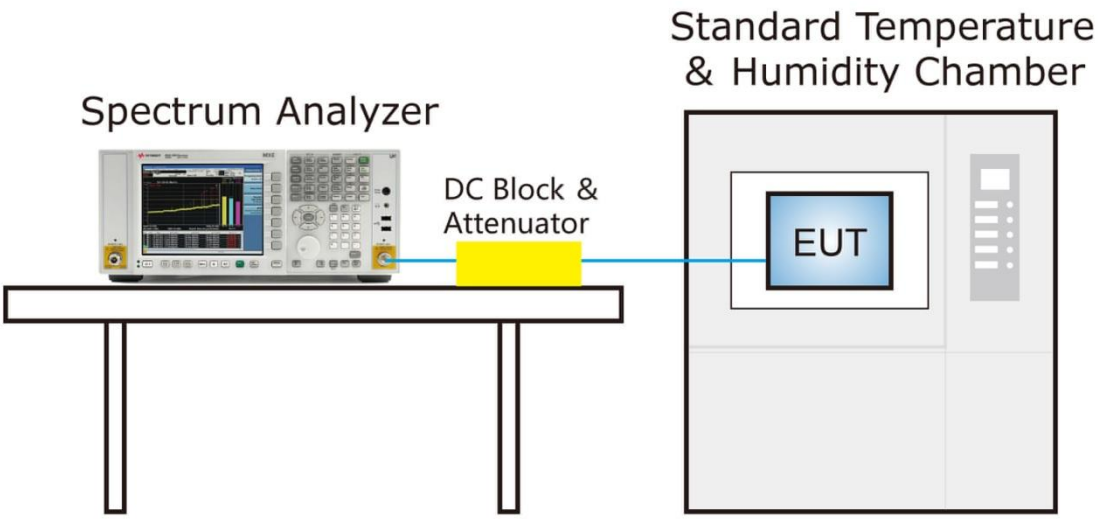
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Grantee ensure that the product meets e-CFR Title 47 section 15.407(g) and KDB 789033 D02v02r01 frequency stability such that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.8.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
>1000 MHz	1 MHz

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 = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

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

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

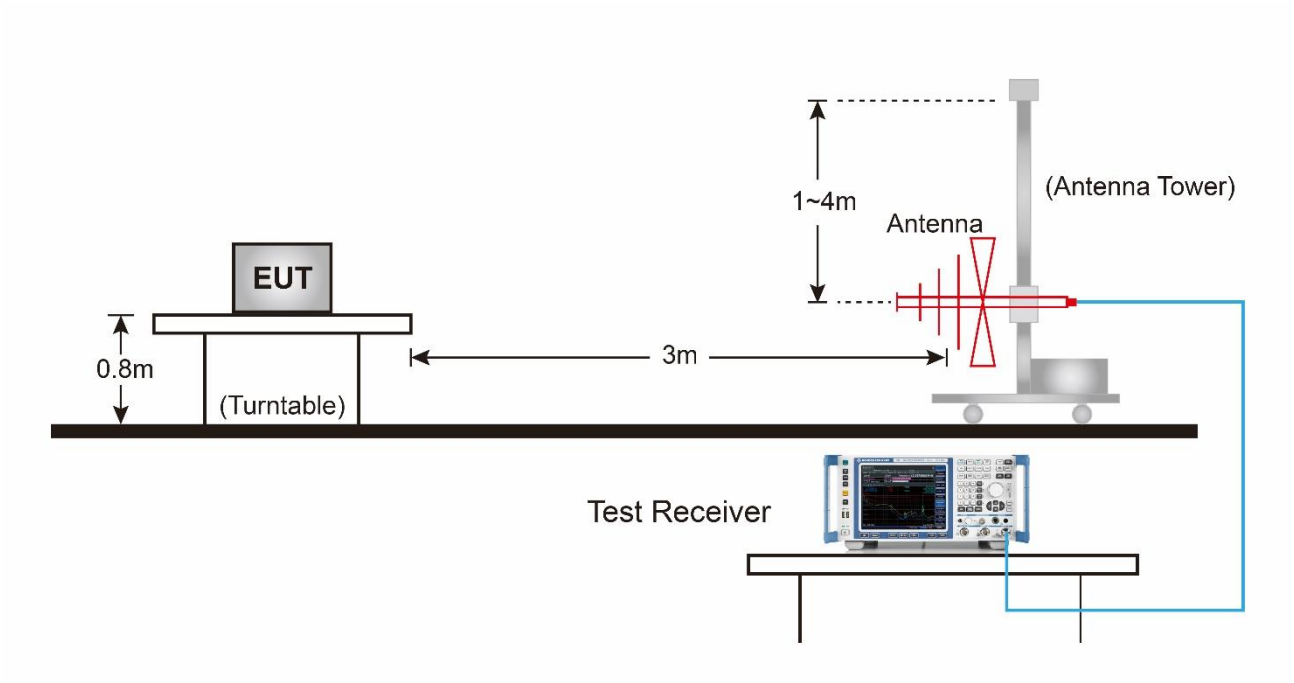
5. Sweep time = auto

6. Trace mode = max hold

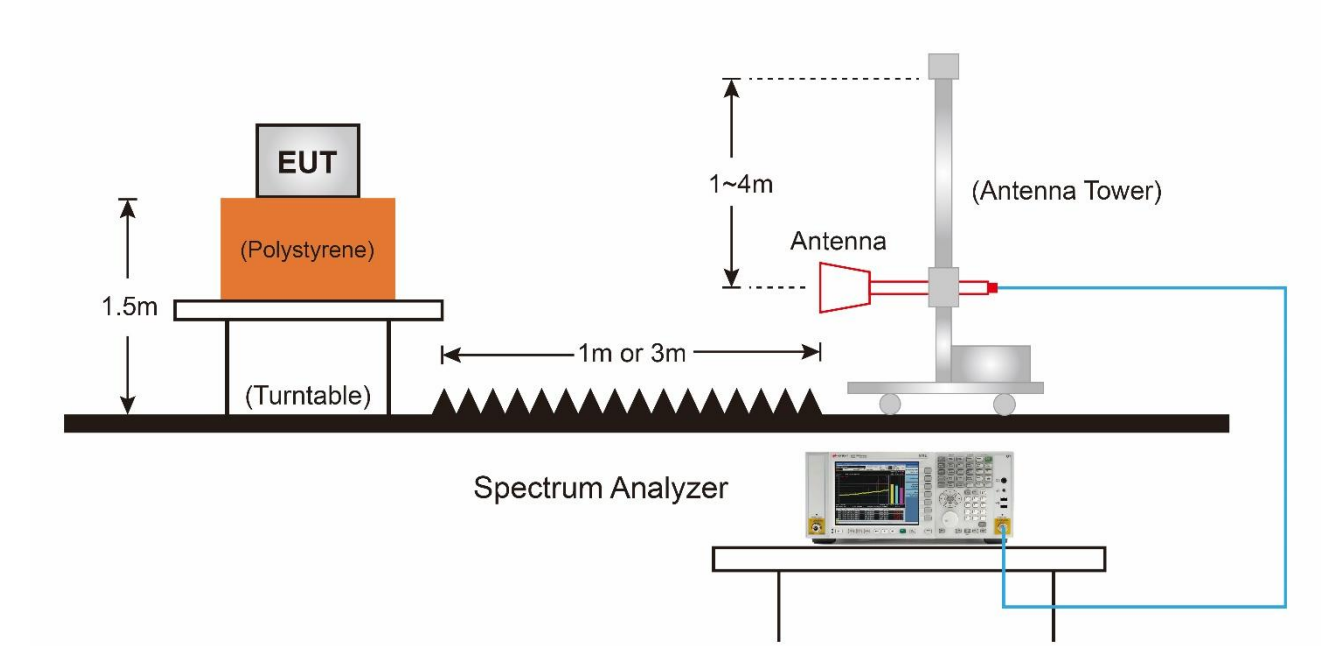
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:

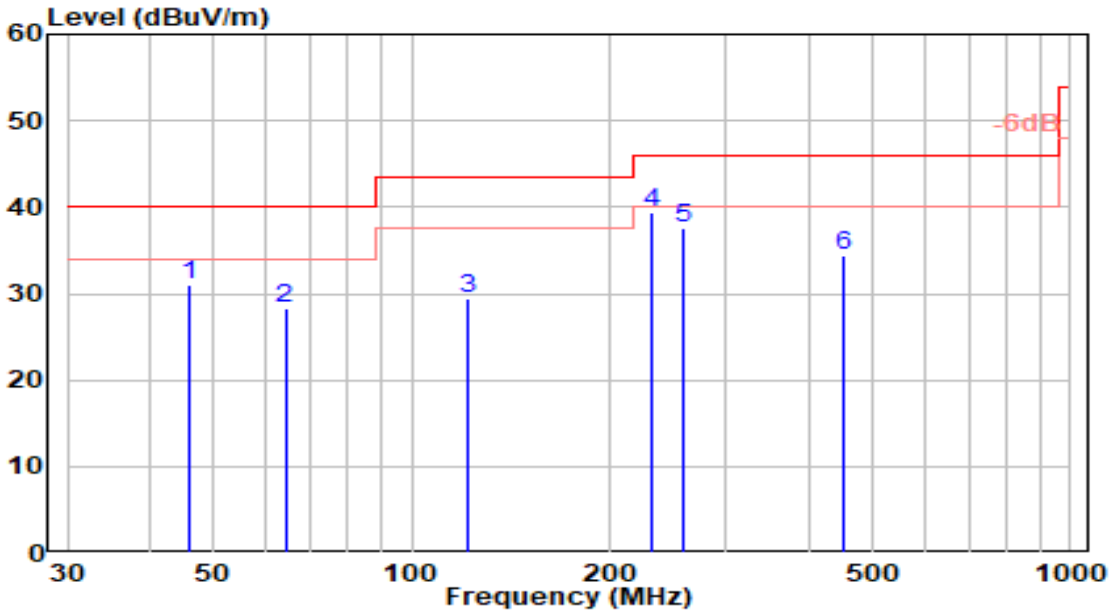


Above 1GHz Test Setup:



7.8.5.Test Result

EUT	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-12
Factor	VULB 9162	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

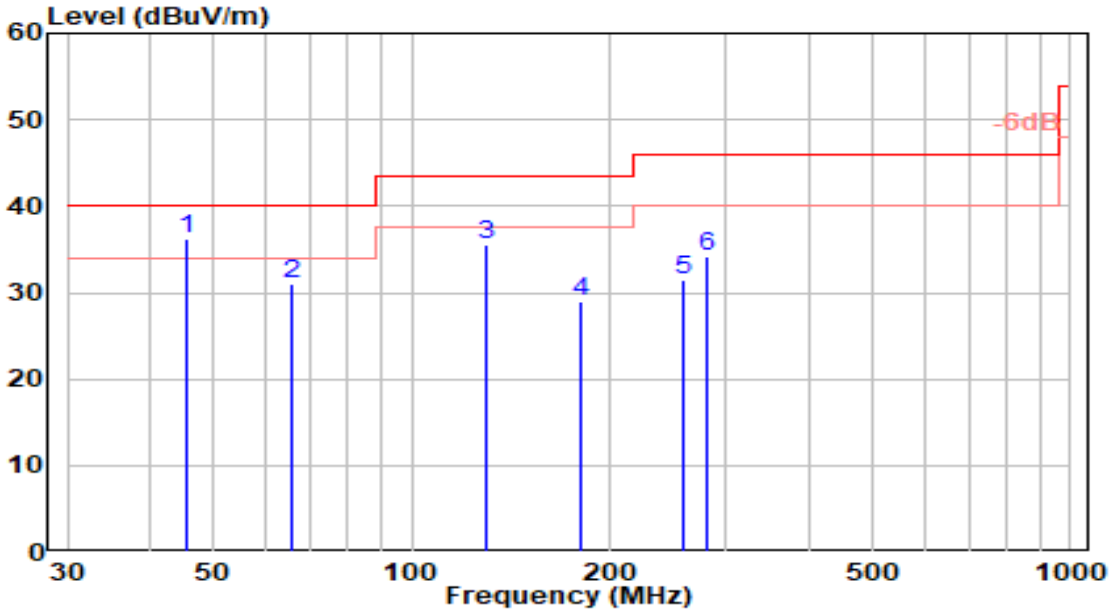


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		45.994	10.01	20.98	30.99	-9.01	40.00	200	222	QP
2		64.226	10.05	18.20	28.25	-11.75	40.00	183	44	QP
3		121.863	12.57	16.90	29.47	-14.03	43.50	200	348	QP
4	*	232.205	19.90	19.42	39.32	-6.68	46.00	189	360	QP
5		258.323	17.35	20.31	37.66	-8.34	46.00	110	140	QP
6		450.614	10.41	24.03	34.44	-11.56	46.00	100	221	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-12
Factor	VULB 9162	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

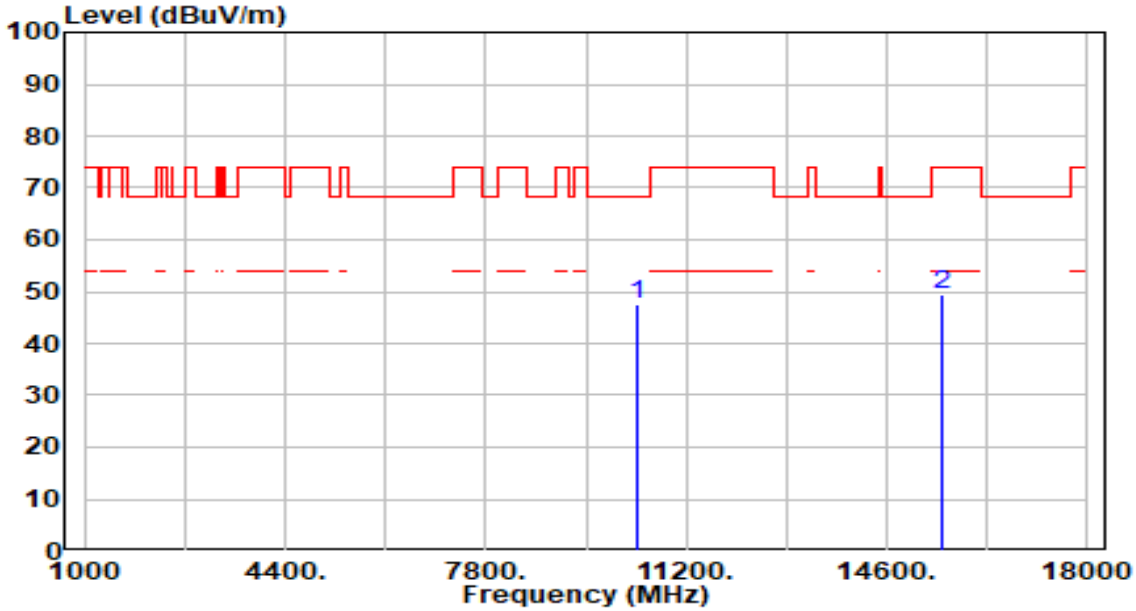


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	45.403	15.24	20.96	36.19	-3.81	40.00	100	79	QP
2		65.588	13.23	17.71	30.94	-9.06	40.00	200	230	QP
3		130.159	19.66	15.78	35.44	-8.06	43.50	100	249	QP
4		180.105	12.28	16.67	28.95	-14.55	43.50	100	277	QP
5		258.981	11.09	20.32	31.41	-14.59	46.00	200	340	QP
6		281.001	13.65	20.56	34.21	-11.79	46.00	200	111	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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 from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

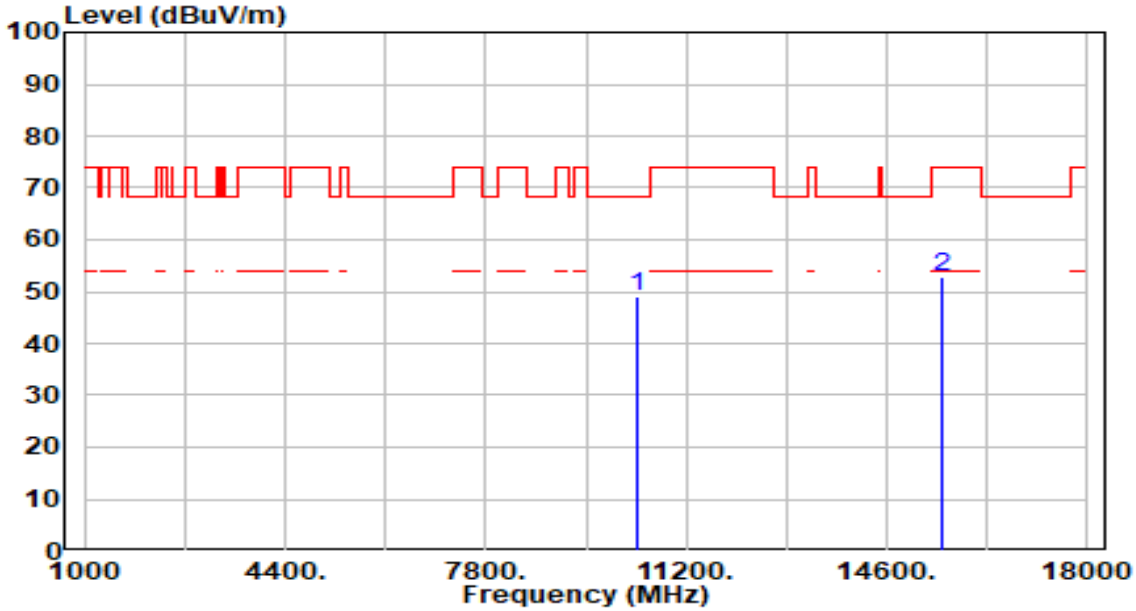


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	41.06	6.57	47.63	-20.57	68.20	100	161	Peak
2		15540.000	40.90	8.43	49.34	-24.66	74.00	100	232	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

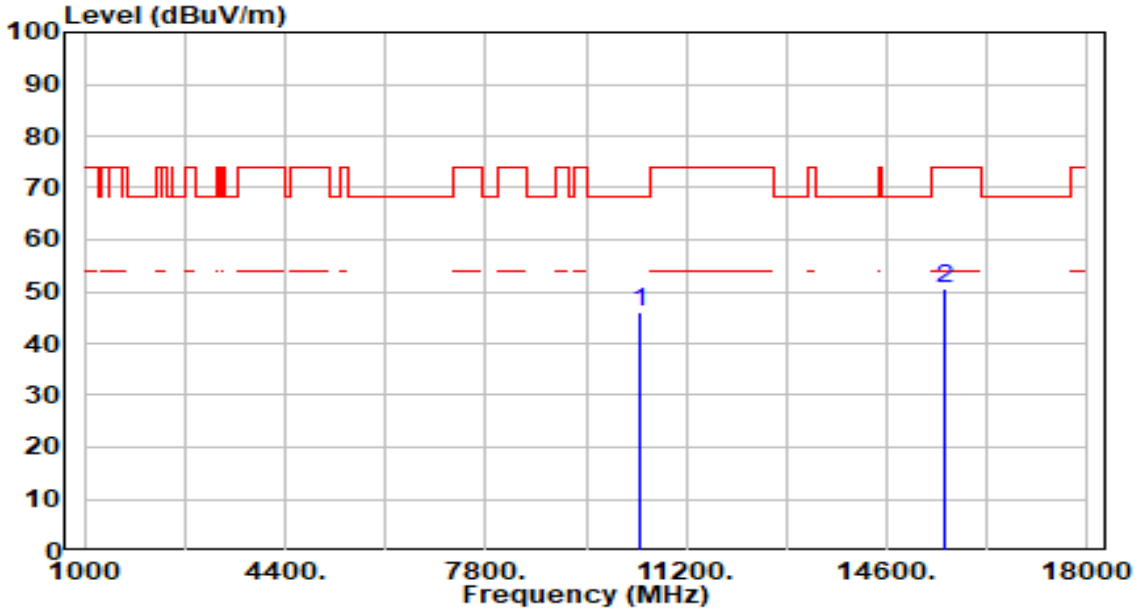


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	42.46	6.57	49.03	-19.17	68.20	200	175	Peak
2		15540.000	44.30	8.43	52.73	-21.27	74.00	200	169	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

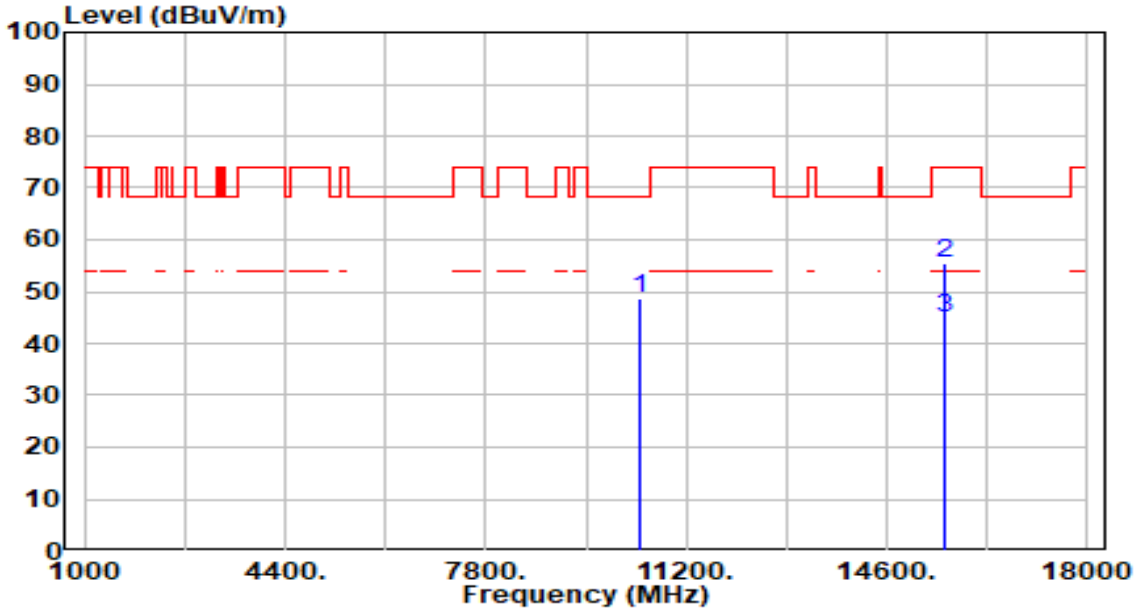


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10400.000	39.60	6.53	46.14	-22.06	68.20	200	0	Peak
2		15600.000	42.29	8.32	50.62	-23.38	74.00	200	174	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band1_CH 40_ANT 0+1	Test Voltage	AC 120V/60Hz

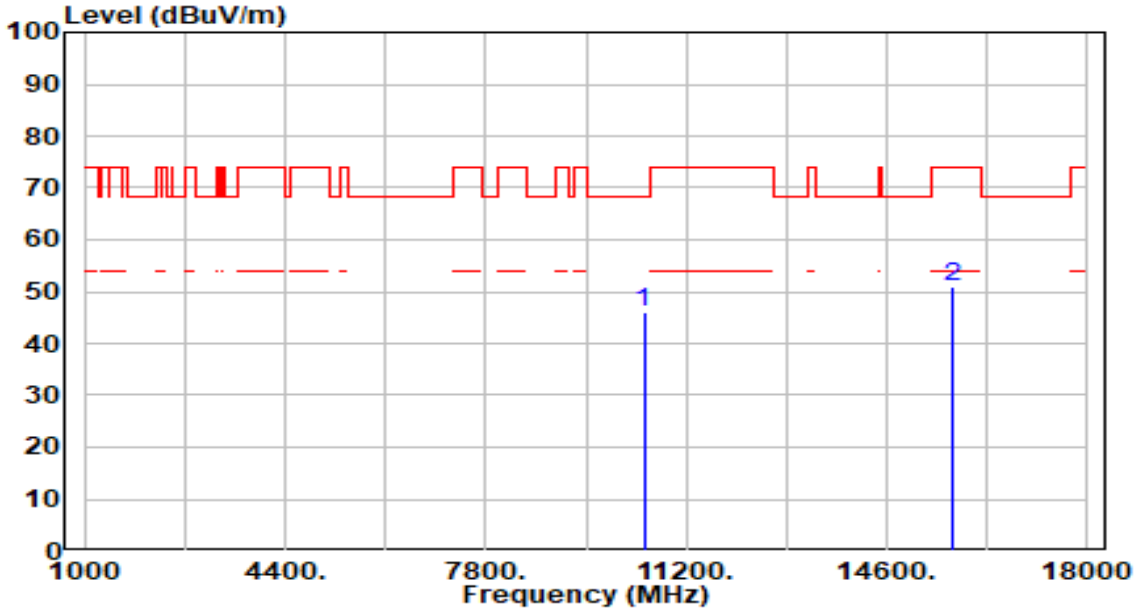


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10400.000	42.33	6.53	48.86	-19.34	68.20	200	6	Peak
2	*	15600.000	47.16	8.32	55.48	-18.52	74.00	200	174	Peak
3	*	15600.000	36.51	8.32	44.83	-9.17	54.00	200	174	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

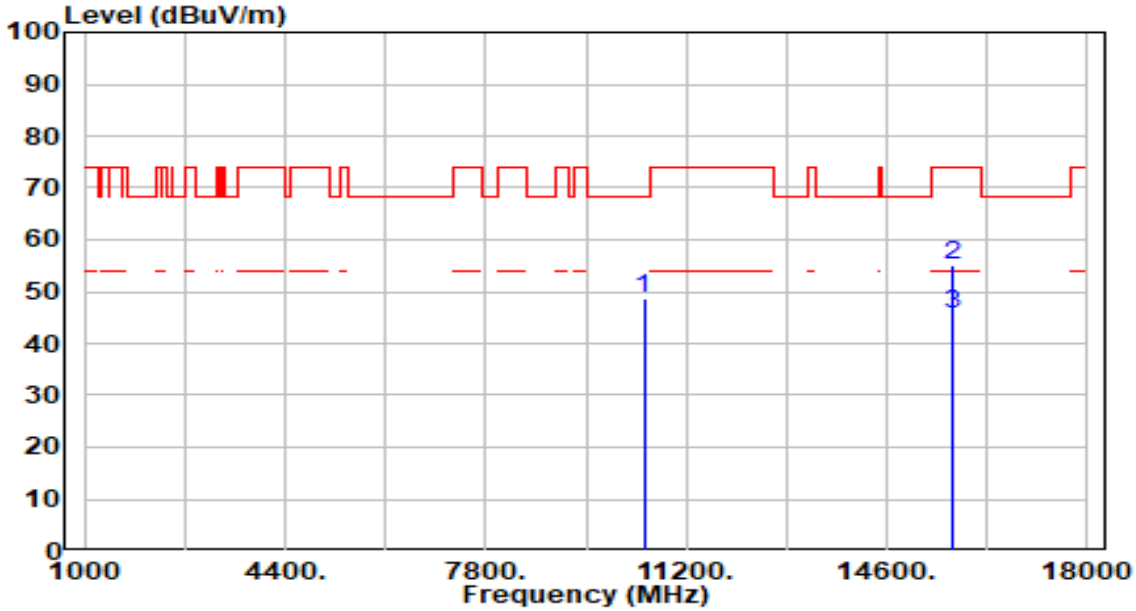


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	39.58	6.45	46.03	-22.17	68.20	200	283	Peak
2		15720.000	42.18	8.62	50.80	-23.20	74.00	200	283	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

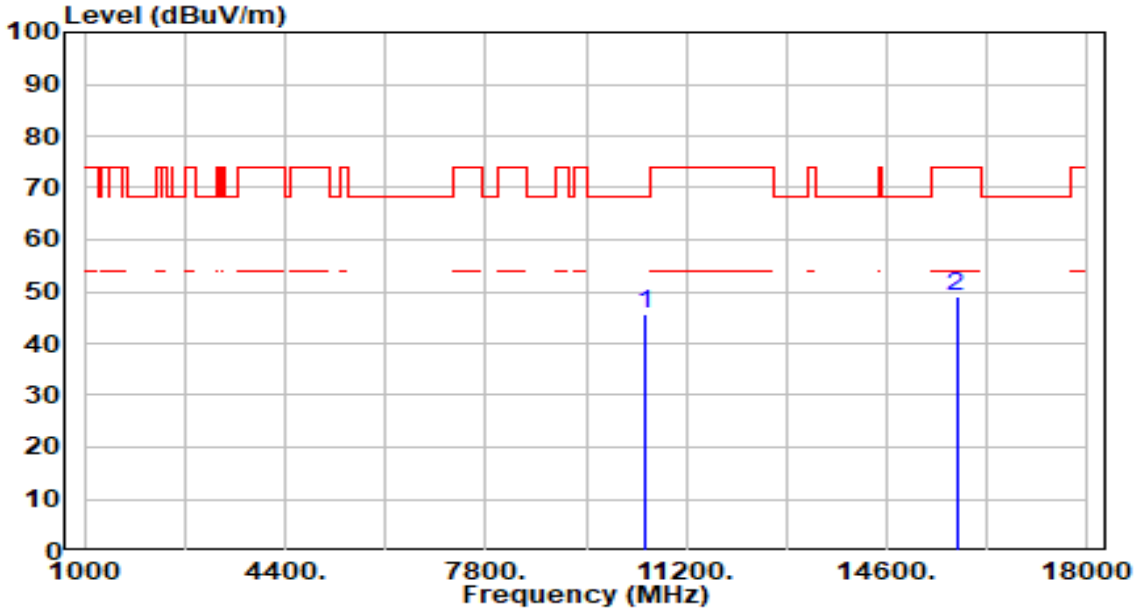


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	42.19	6.45	48.64	-19.56	68.20	200	0	Peak
2	*	15720.000	46.43	8.62	55.05	-18.95	74.00	200	164	Peak
3	*	15720.000	37.16	8.62	45.78	-8.22	54.00	200	164	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1	Test Voltage	AC 120V/60Hz

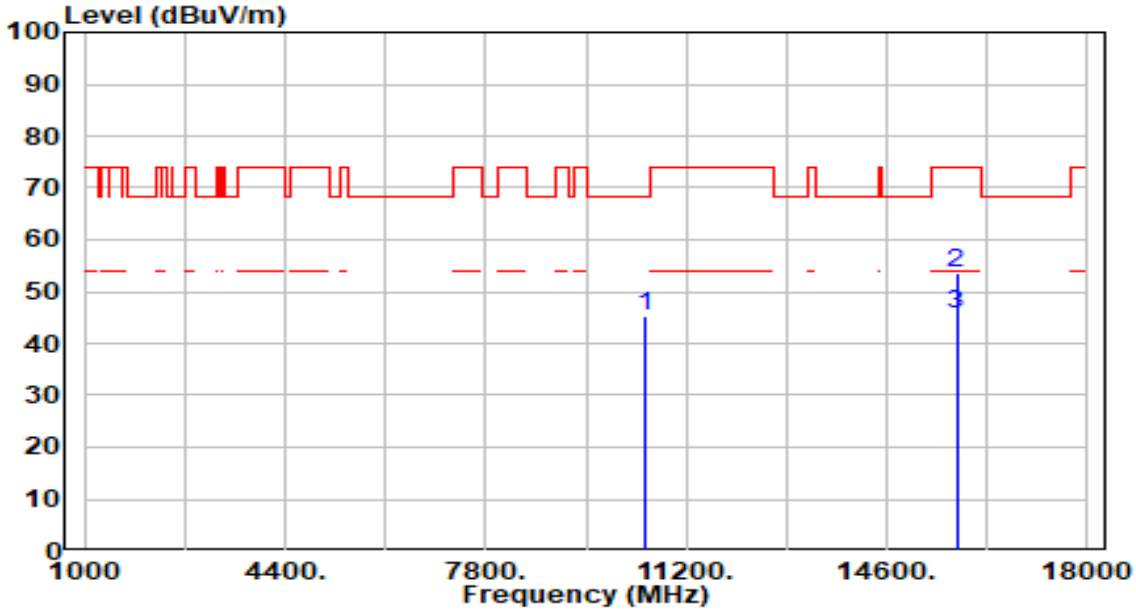


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10520.000	39.12	6.41	45.53	-22.67	68.20	200	80	Peak
2		15780.000	40.25	8.73	48.98	-25.02	74.00	200	80	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1	Test Voltage	AC 120V/60Hz

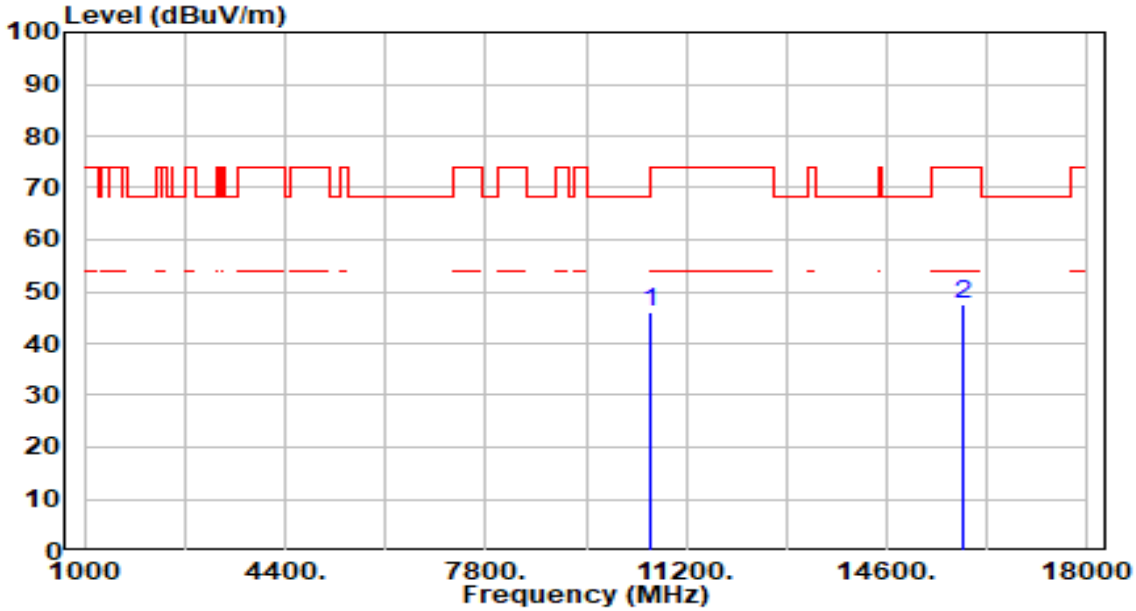


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10520.000	38.82	6.41	45.23	-22.97	68.20	200	320	Peak
2	*	15780.000	44.71	8.73	53.44	-20.56	74.00	200	156	Peak
3	*	15780.000	36.92	8.73	45.65	-8.35	54.00	200	156	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1	Test Voltage	AC 120V/60Hz

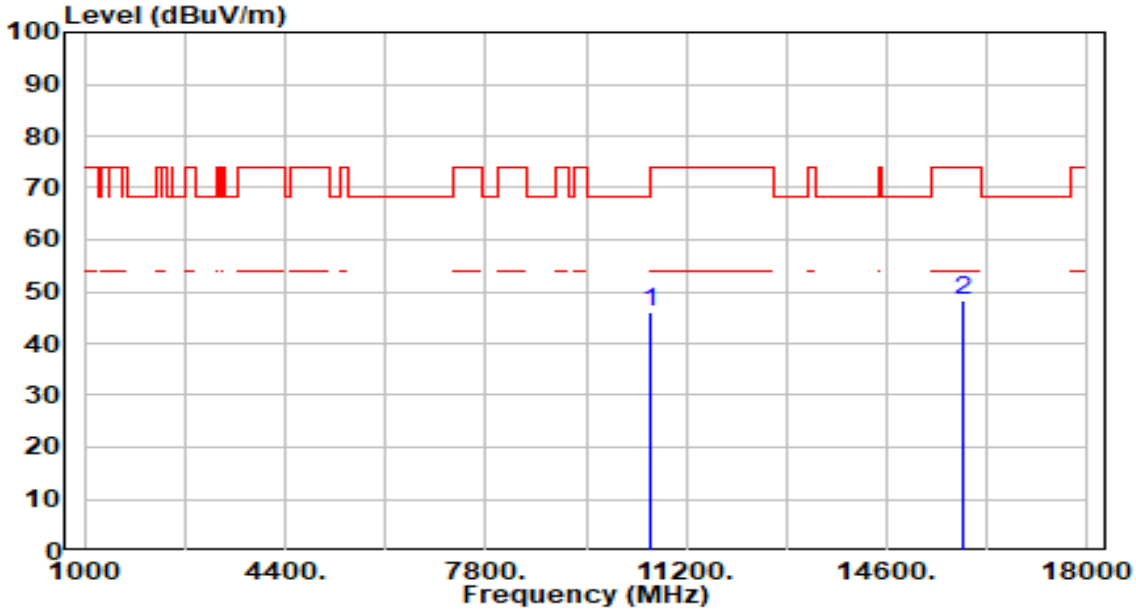


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10600.000	39.65	6.36	46.01	-22.19	68.20	200	0	Peak
2		15900.000	38.76	8.94	47.70	-26.30	74.00	200	103	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1	Test Voltage	AC 120V/60Hz

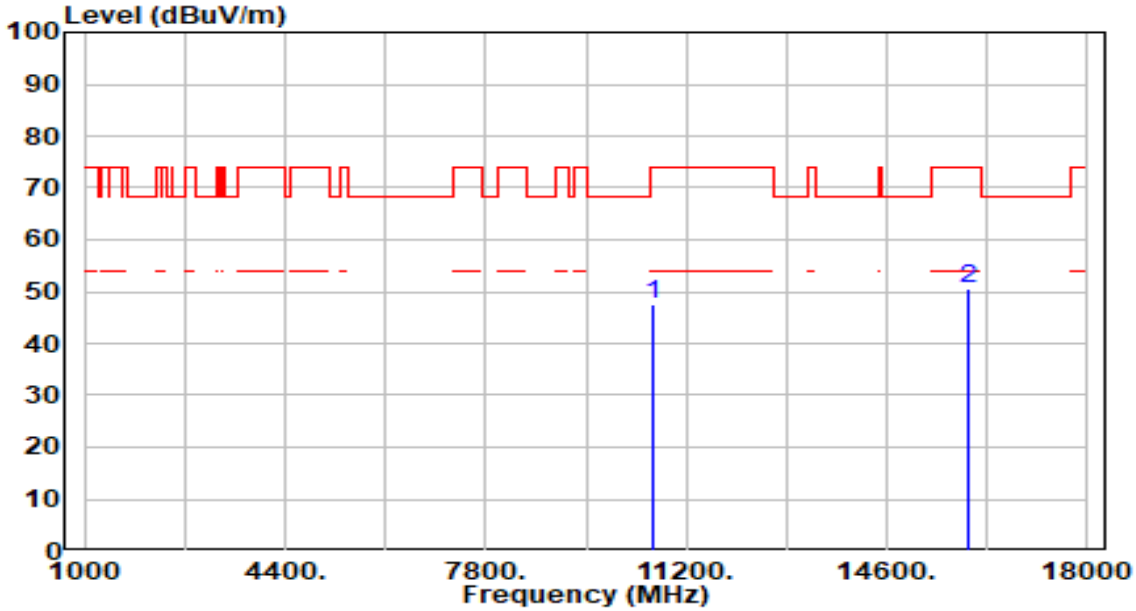


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10600.000	39.69	6.36	46.04	-22.16	68.20	200	199	Peak
2		15900.000	39.43	8.94	48.37	-25.63	74.00	200	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

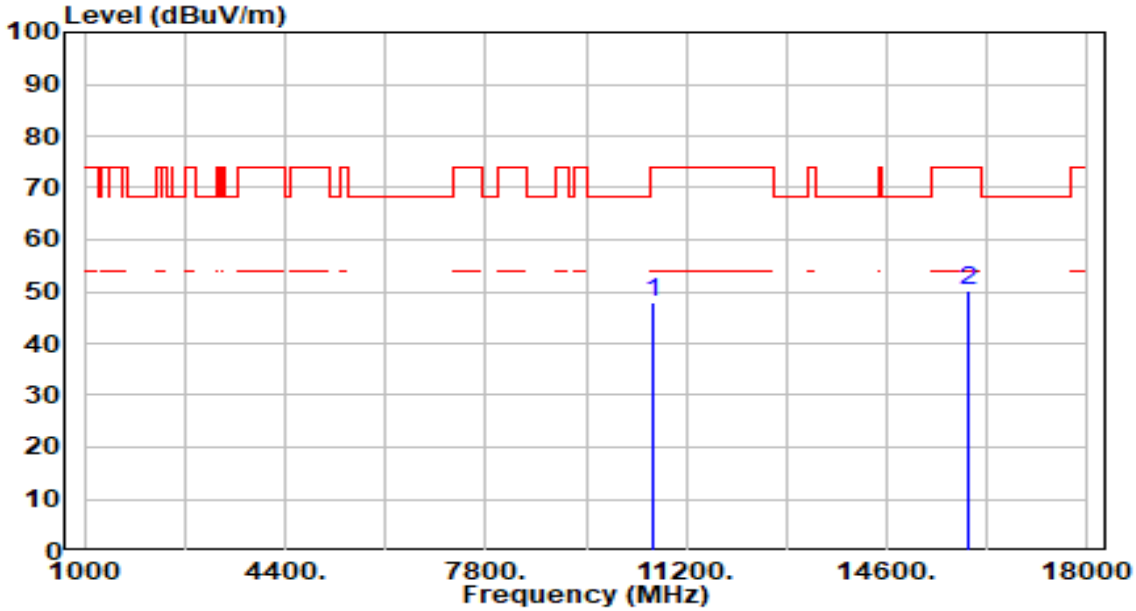


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	41.25	6.40	47.65	-26.35	74.00	100	215	Peak
2	*	15960.000	41.46	8.95	50.40	-23.60	74.00	100	163	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

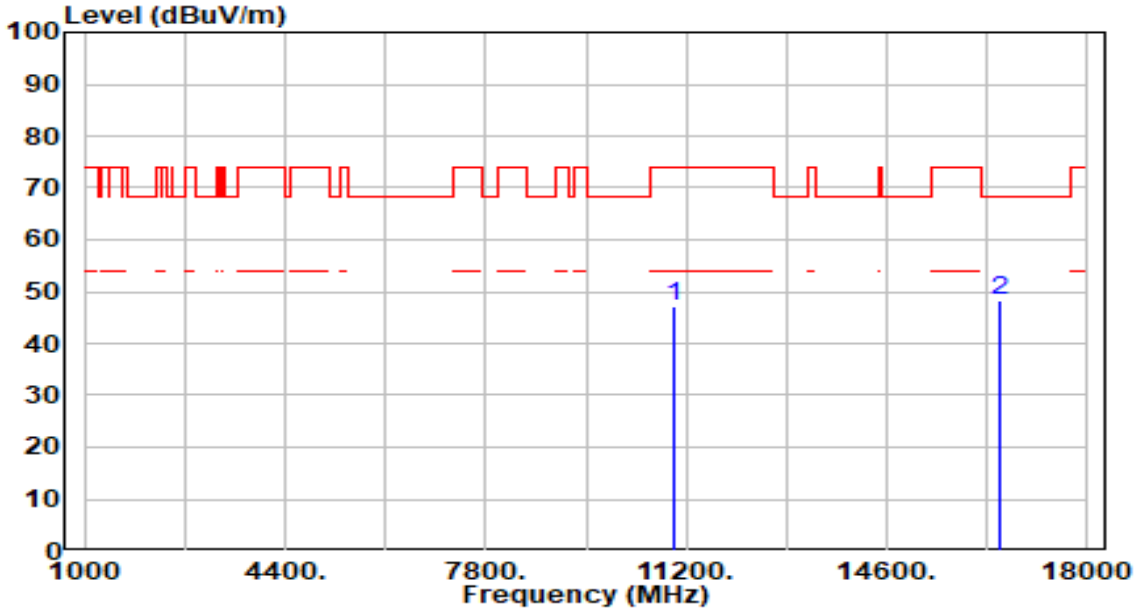


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	41.67	6.40	48.07	-25.93	74.00	300	124	Peak
2	*	15960.000	41.38	8.95	50.33	-23.67	74.00	100	36	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

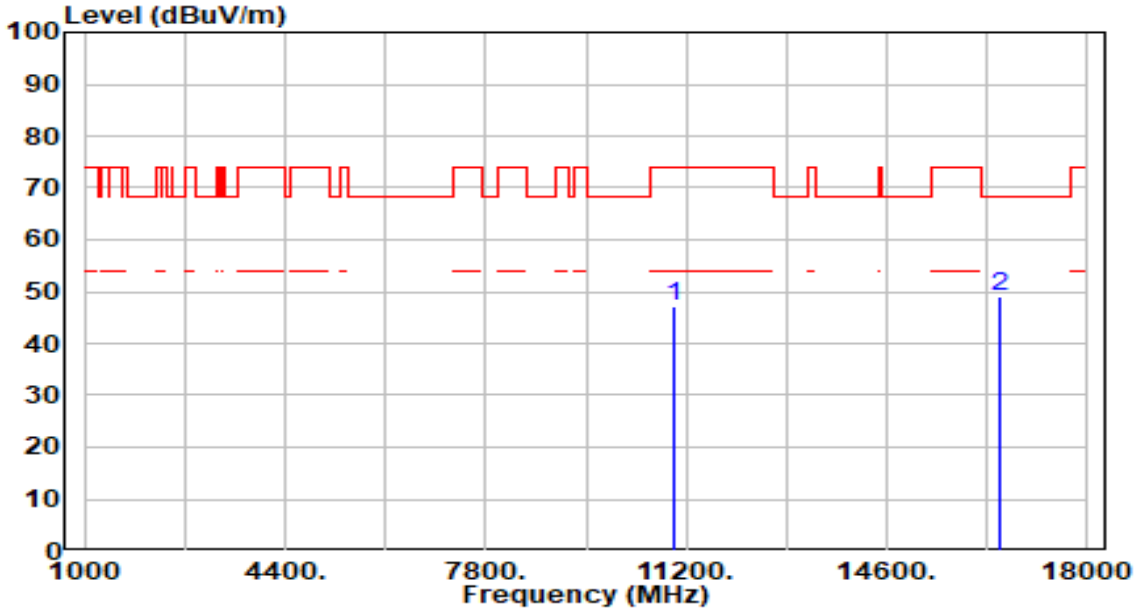


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	40.82	6.27	47.09	-26.91	74.00	100	91	Peak
2	*	16500.000	39.97	8.33	48.30	-19.90	68.20	109	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

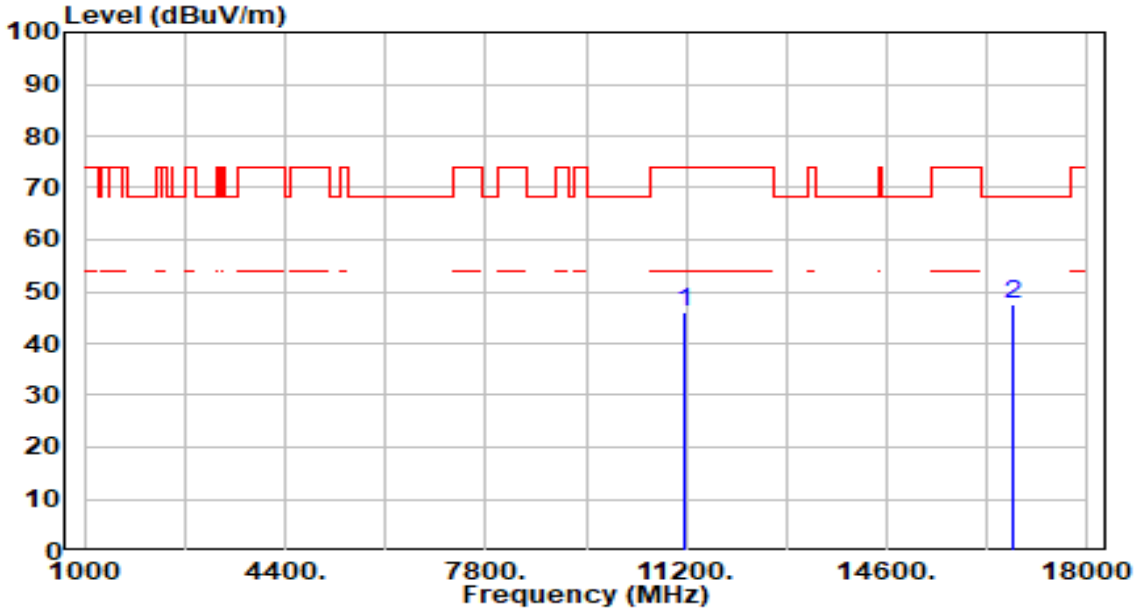


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	40.83	6.27	47.10	-26.90	74.00	300	205	Peak
2	*	16500.000	40.86	8.33	49.19	-19.01	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 116_ANT 0+1	Test Voltage	AC 120V/60Hz

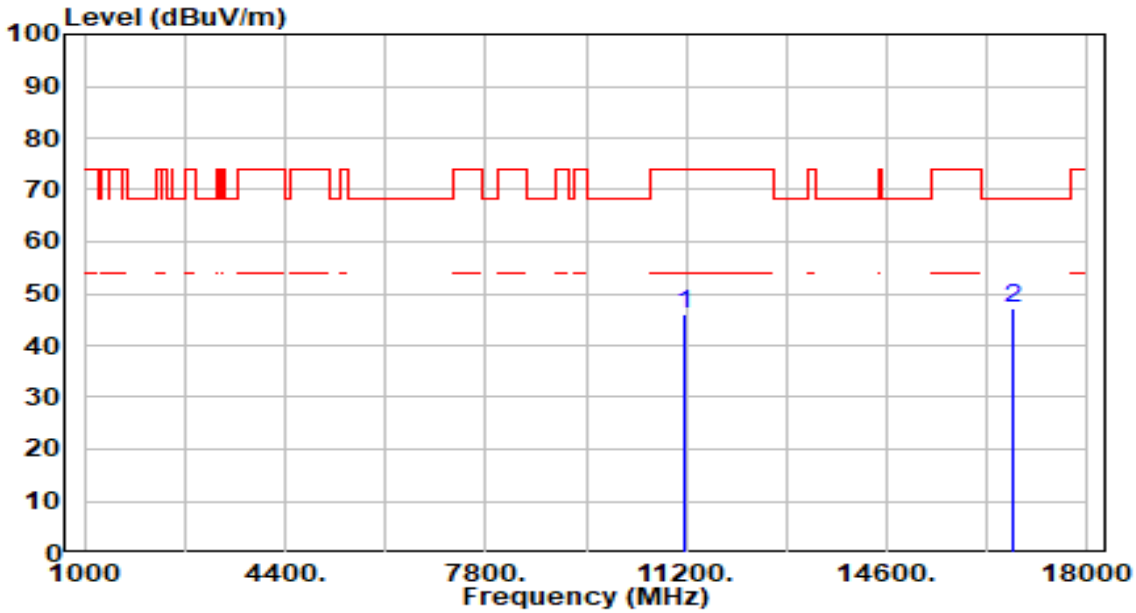


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11160.000	39.30	6.76	46.05	-27.95	74.00	200	28	Peak
2	*	16740.000	39.27	8.26	47.53	-20.67	68.20	200	315	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 116_ANT 0+1	Test Voltage	AC 120V/60Hz

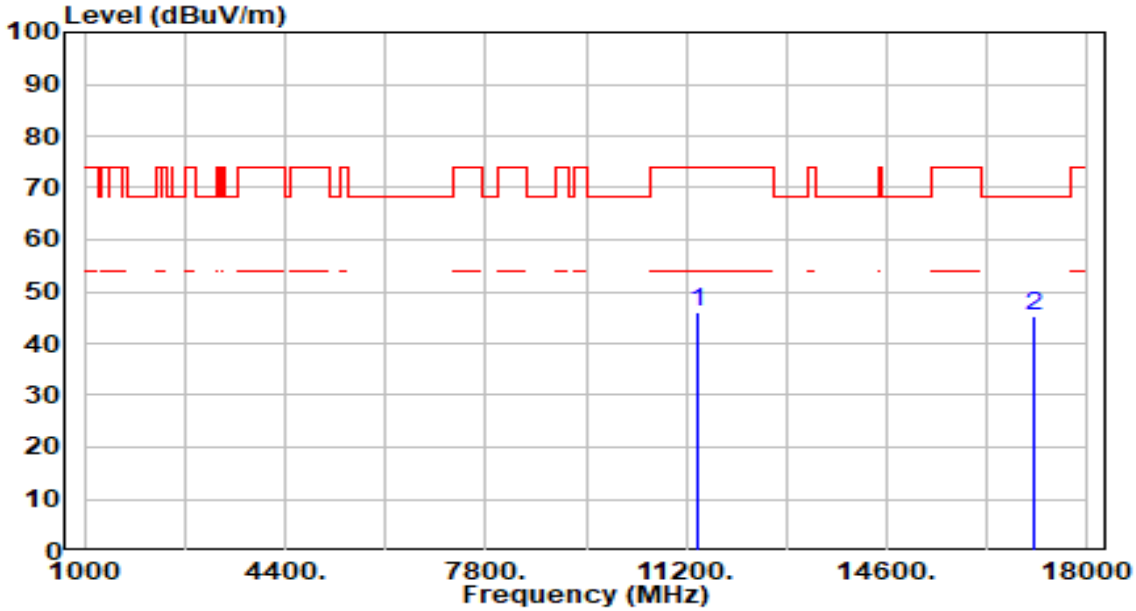


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11160.000	39.34	6.76	46.09	-27.91	74.00	200	160	Peak
2	*	16740.000	39.03	8.26	47.29	-20.91	68.20	200	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

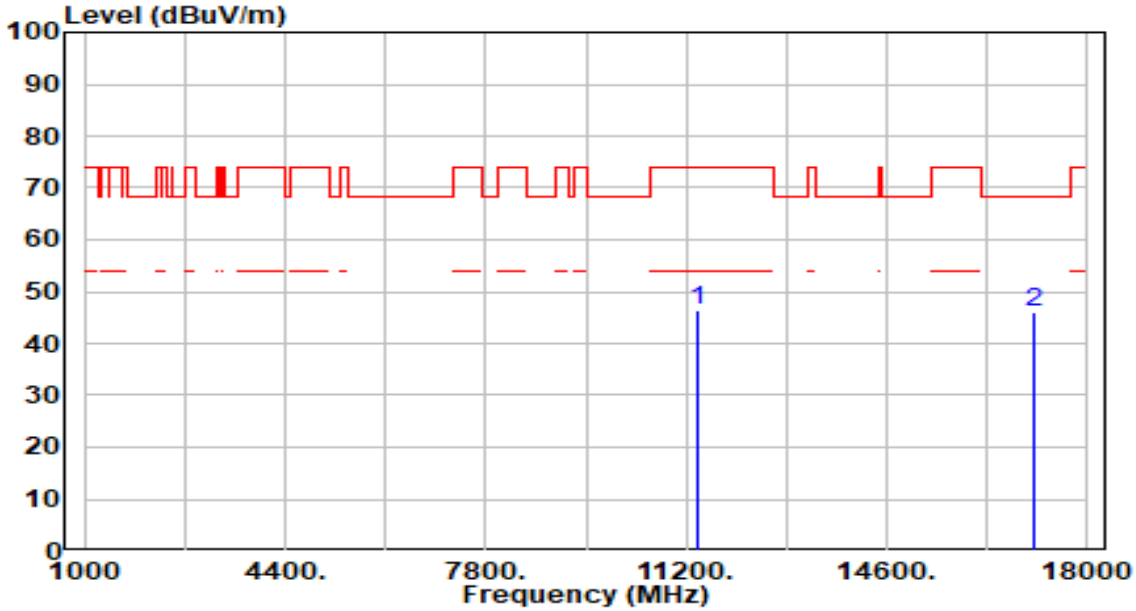


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	38.83	7.14	45.96	-28.04	74.00	200	334	Peak
2	*	17100.000	37.68	7.77	45.45	-22.75	68.20	200	251	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

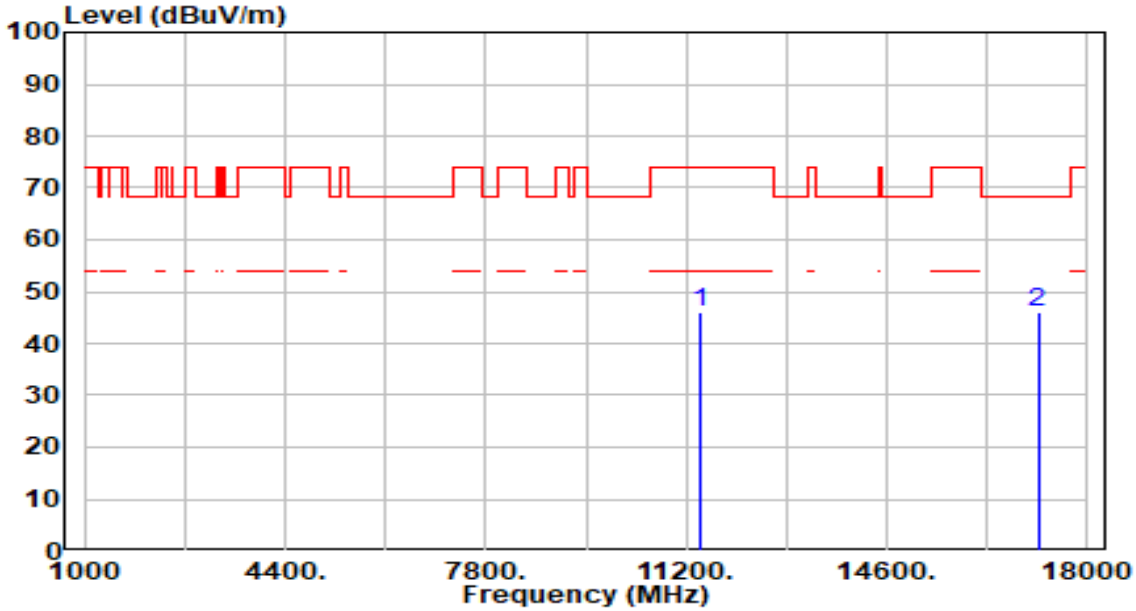


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	39.39	7.14	46.53	-27.47	74.00	200	185	Peak
2	*	17100.000	38.21	7.77	45.98	-22.22	68.20	200	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 144_ANT 0+1	Test Voltage	AC 120V/60Hz

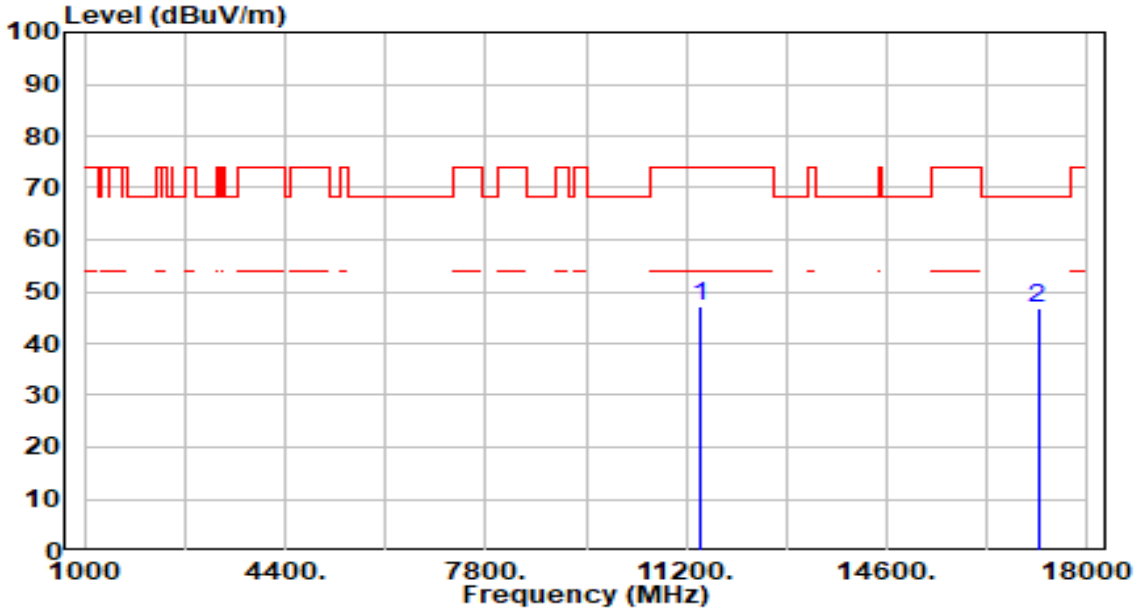


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11440.000	38.91	7.15	46.06	-27.94	74.00	200	245	Peak
2	*	17160.000	38.38	7.64	46.03	-22.17	68.20	200	231	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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	BE3600 Dual-Band Wi-Fi 7 Gaming Router	Date of Test	2025-04-16
Factor	DRH18-E	Temp. / Humidity	21°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Aby
Test Mode	802.11a_TX_Band3_CH 144_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		11440.000	40.13	7.15	47.28	-26.72	74.00	200	0	Peak
2	*	17160.000	39.18	7.64	46.82	-21.38	68.20	200	0	Peak

Note:

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