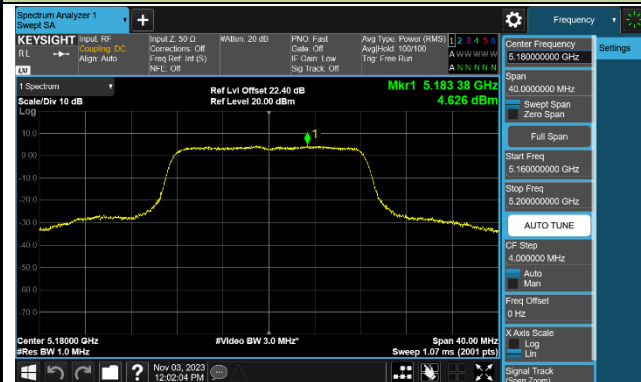
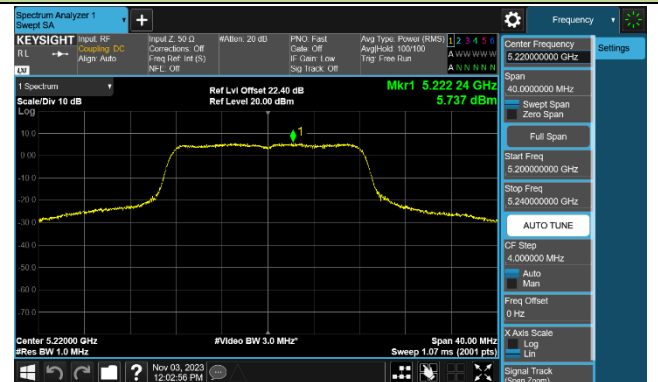


802.11a Power Spectral Density - Ant 1

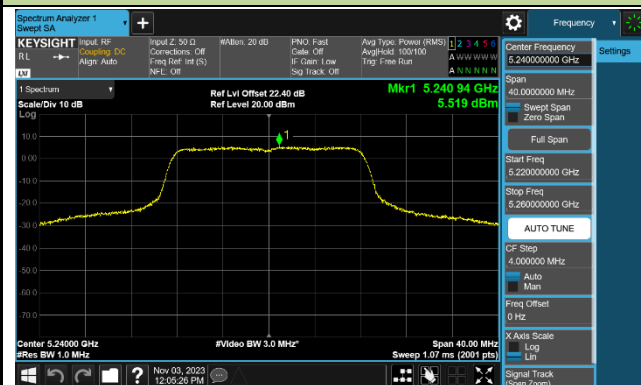
Channel 36 (5180MHz)



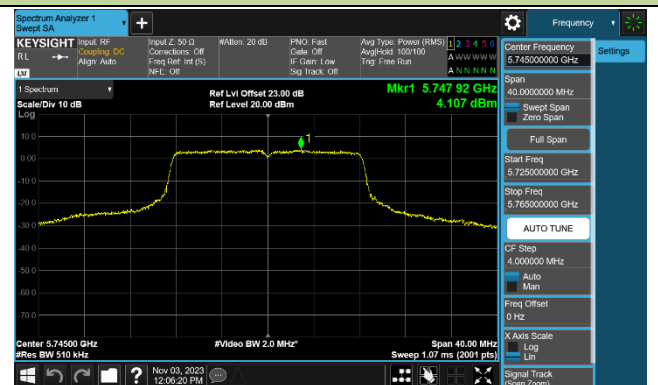
Channel 44 (5220MHz)



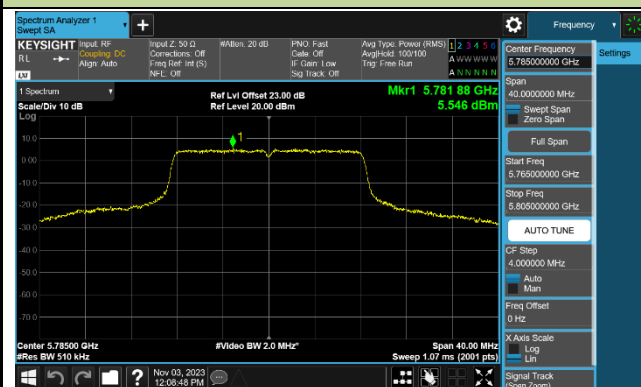
Channel 48 (5240MHz)



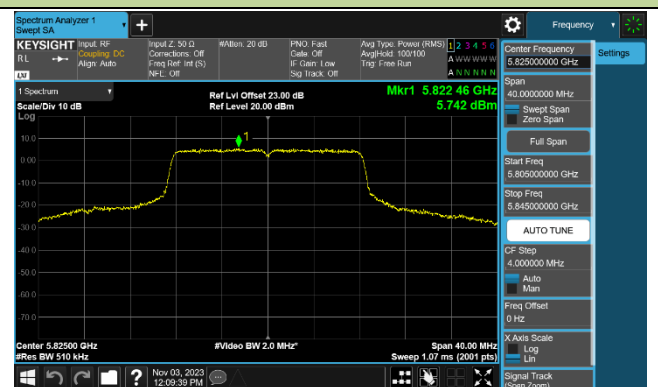
Channel 149 (5745MHz)



Channel 157 (5785MHz)

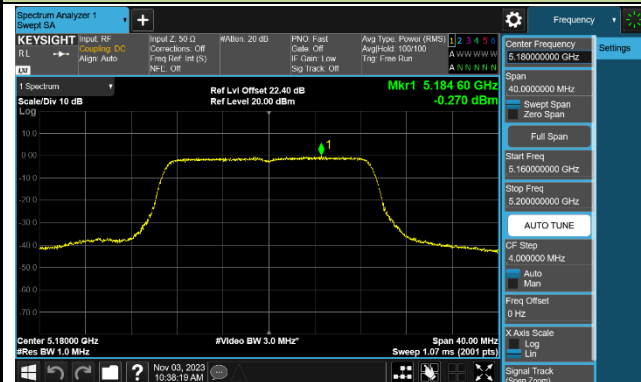


Channel 165 (5825MHz)

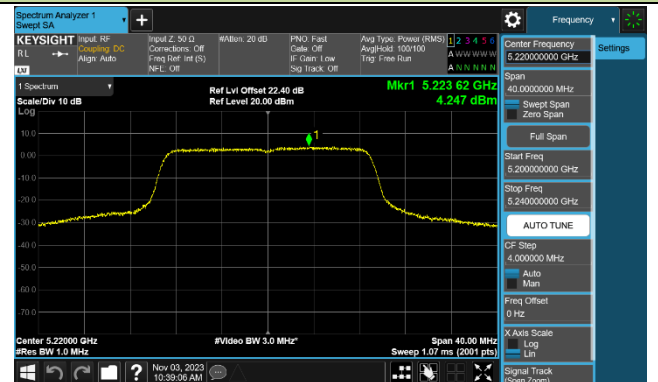


802.11ac-VHT20 Power Spectral Density - Ant 1

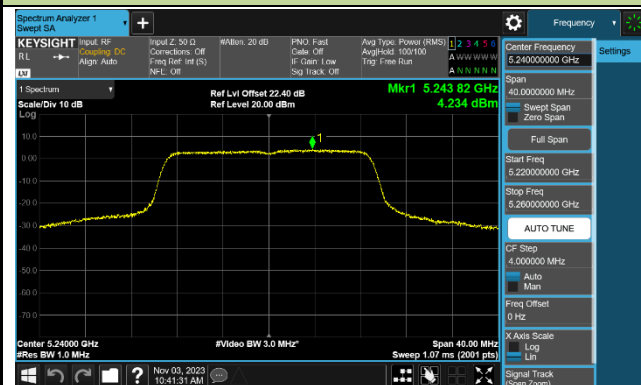
Channel 36 (5180MHz)



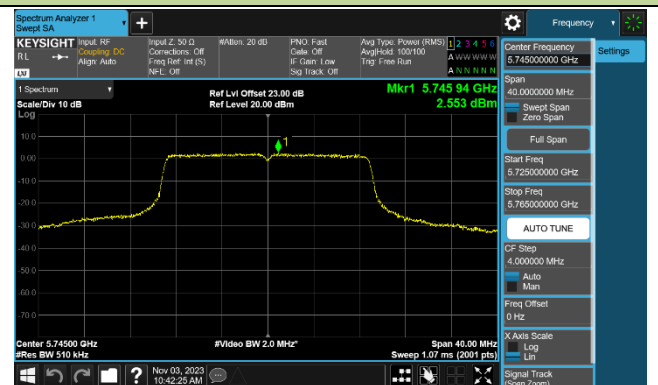
Channel 44 (5220MHz)



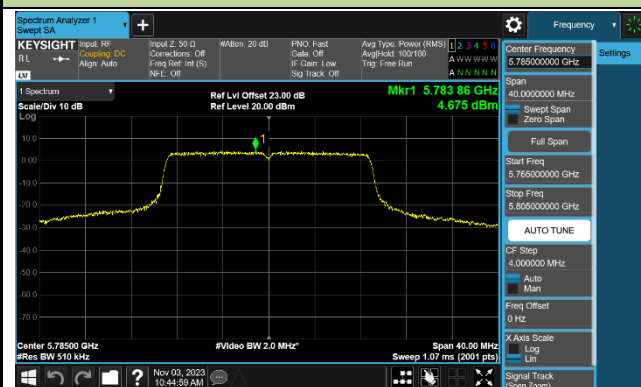
Channel 48 (5240MHz)



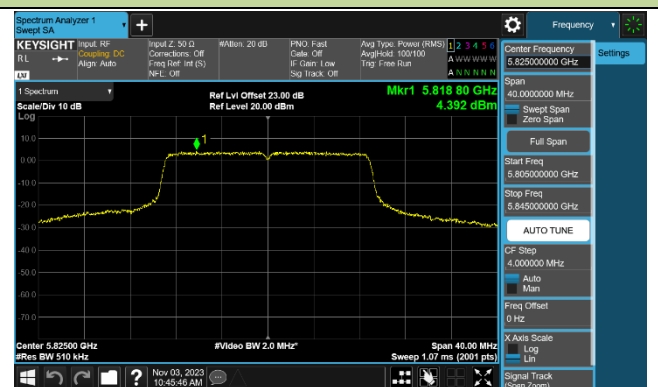
Channel 149 (5745MHz)



Channel 157 (5785MHz)

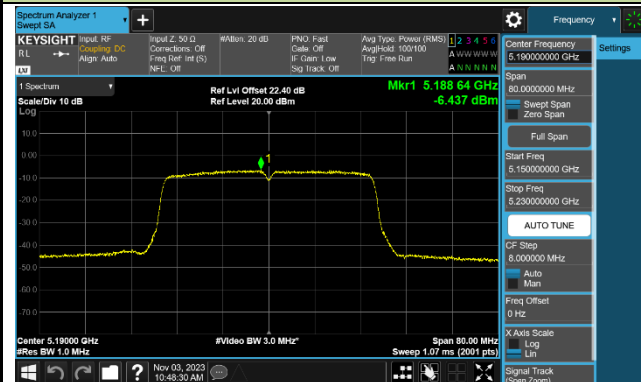


Channel 165 (5825MHz)

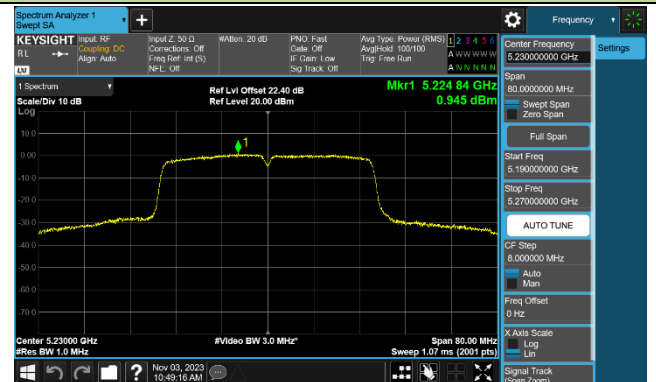


802.11ac-VHT40 Power Spectral Density - Ant 1

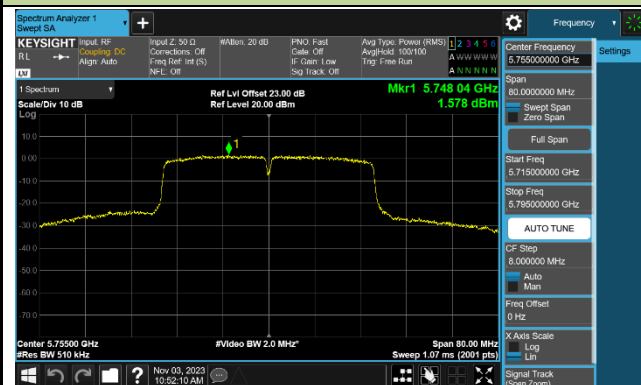
Channel 38 (5190MHz)



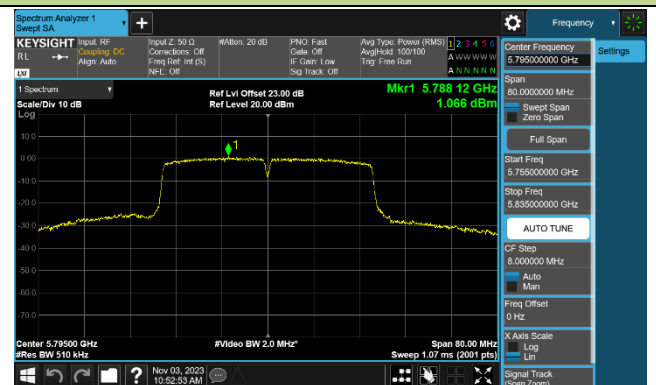
Channel 46 (5230MHz)



Channel 151 (5755MHz)

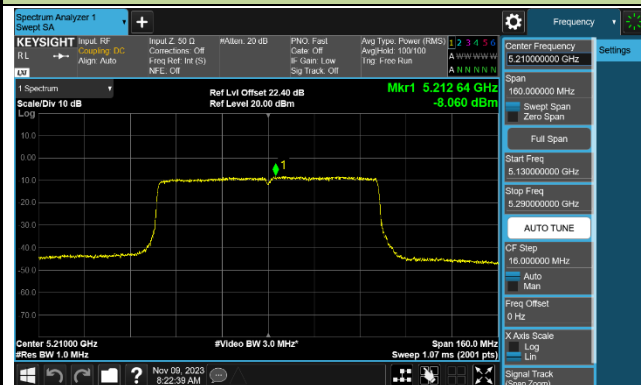


Channel 159 (5795MHz)

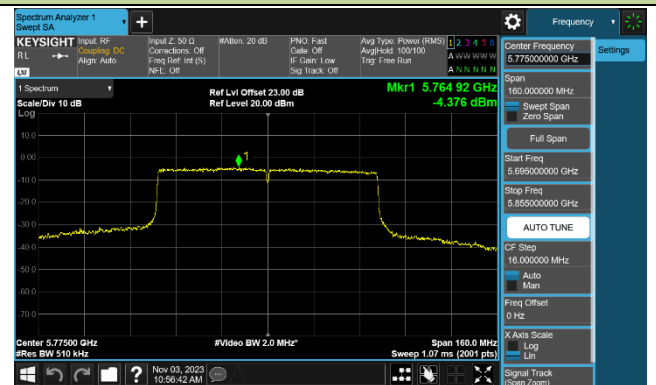


802.11ac-VHT80 Power Spectral Density - Ant 1

Channel 42 (5210MHz)



Channel 155 (5775MHz)



7.6. Radiated Spurious Emission Measurement

7.6.1. 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

7.6.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

7.6.3. 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

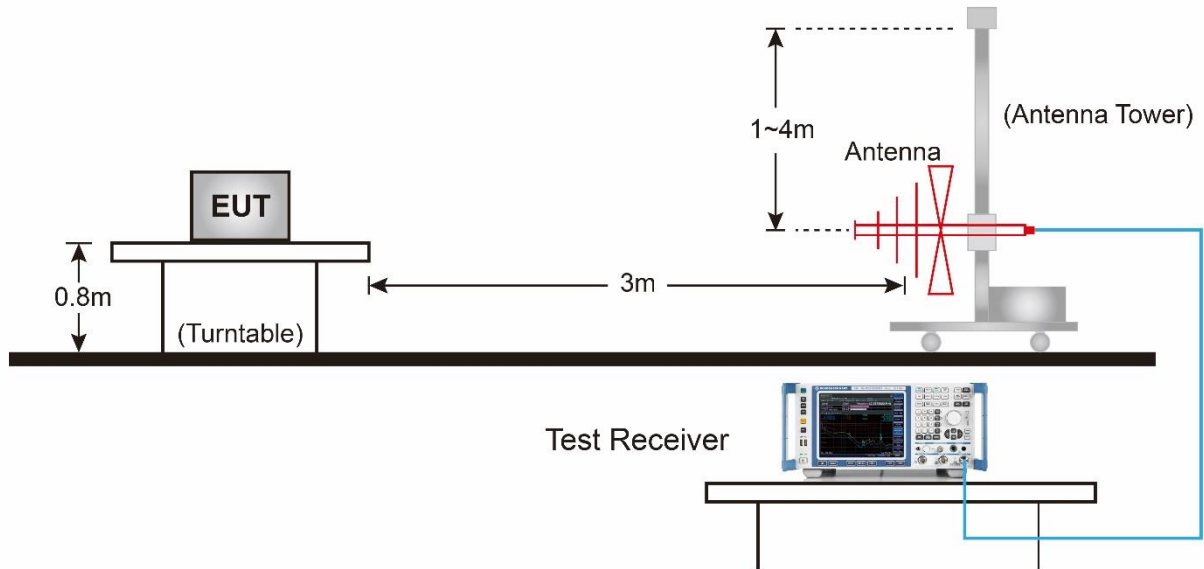
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

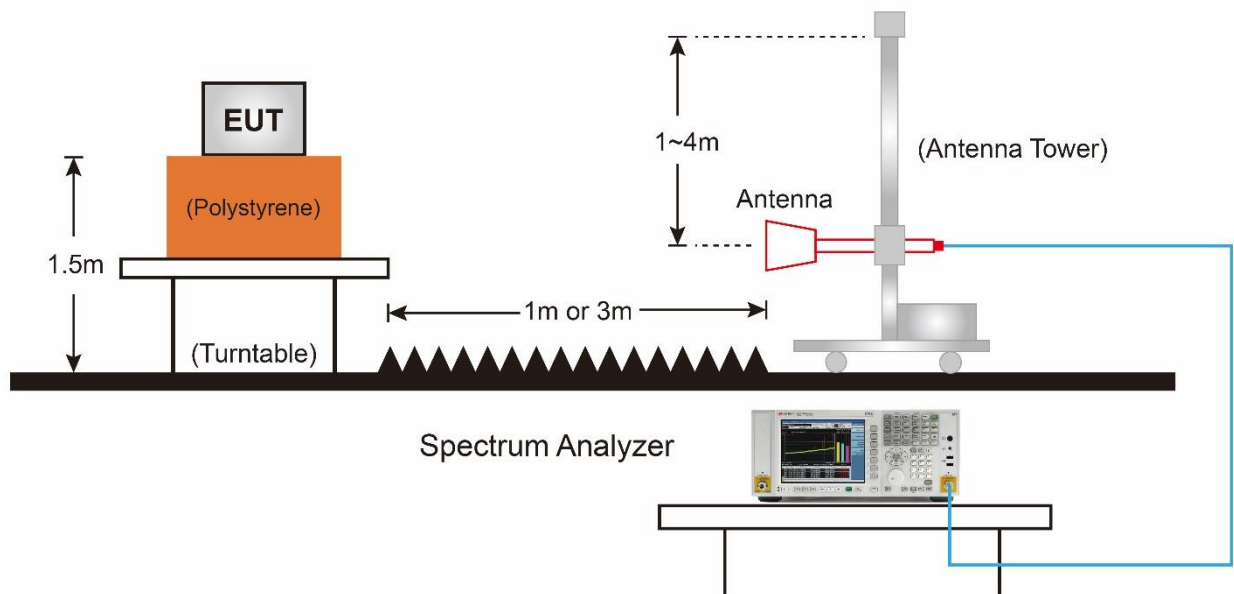
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.6.4. Test Setup

Below 1GHz Test Setup:

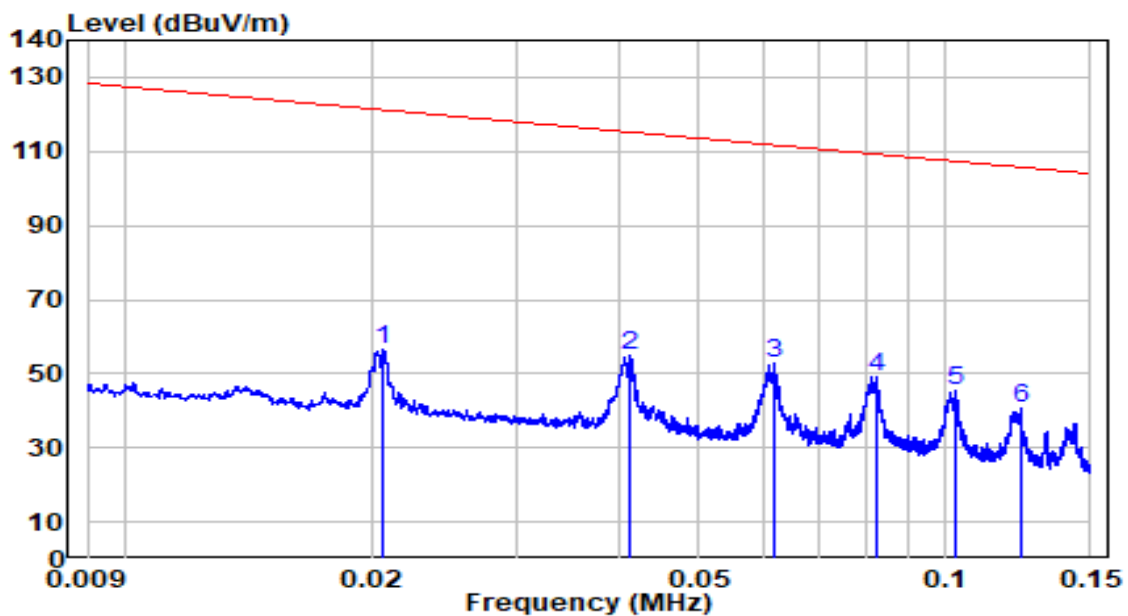


Above 1GHz Test Setup:



7.6.5. Test Result

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-02
Factor	FMZB 1519B	Temp. / Humidity	22°C /64%
Polarity	Face On	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

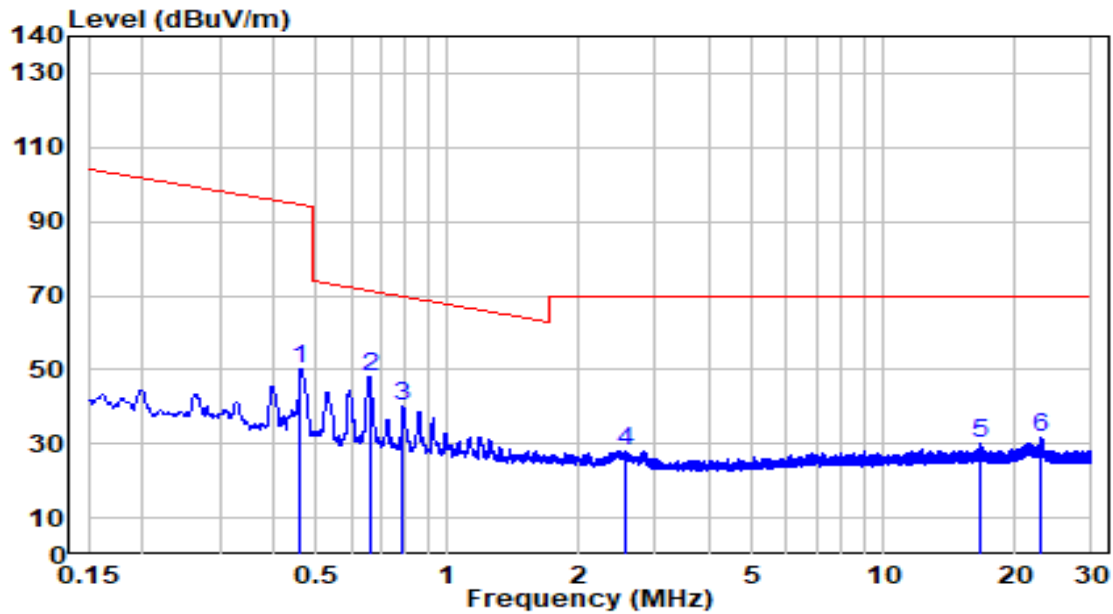


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	0.021	38.11	18.47	56.58	-64.73	121.31	100	360	Peak
2	0.041	35.74	19.33	55.08	-60.23	115.30	100	360	Peak
3	* 0.062	33.81	19.20	53.01	-58.78	111.79	100	360	Peak
4	0.082	30.71	18.68	49.39	-59.90	109.28	100	360	Peak
5	0.103	27.02	18.23	45.25	-62.10	107.35	100	360	Peak
6	0.123	22.63	18.25	40.88	-64.89	105.78	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).
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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-02
Factor	FMZB 1519B	Temp. / Humidity	22°C /64%
Polarity	Face On	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

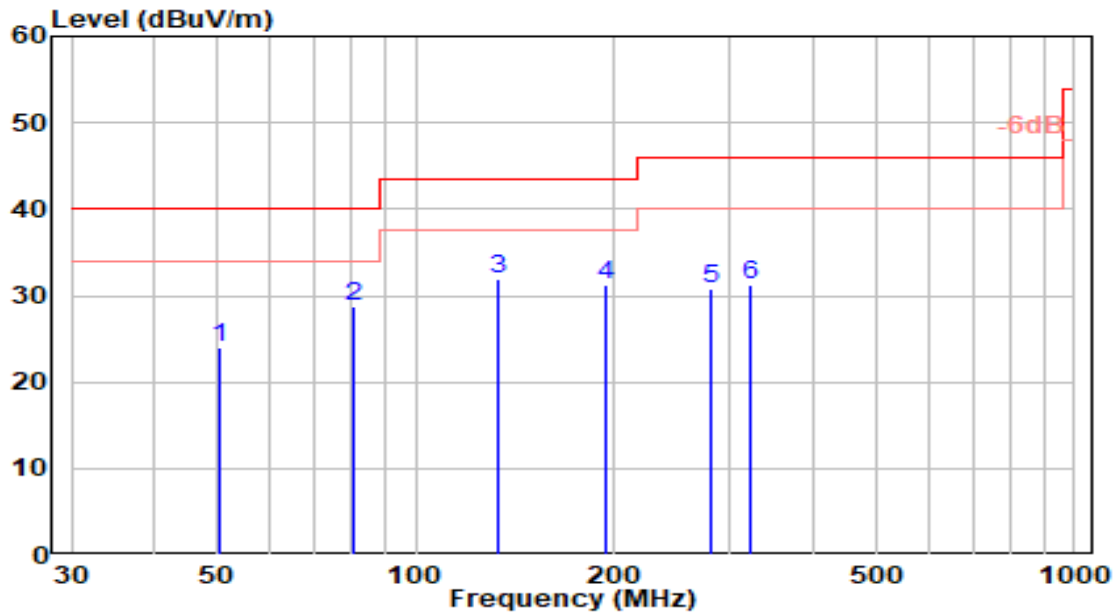


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		0.461	31.43	18.56	49.99	-44.35	94.34	100	0	Peak
2	*	0.662	29.45	18.56	48.01	-23.18	71.19	100	0	Peak
3		0.790	21.59	18.57	40.15	-29.51	69.66	100	0	Peak
4		2.545	9.55	18.58	28.13	-41.37	69.50	100	0	Peak
5		16.638	8.33	21.77	30.09	-39.41	69.50	100	0	Peak
6		23.008	9.16	22.33	31.49	-38.01	69.50	100	0	Peak

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.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-24
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

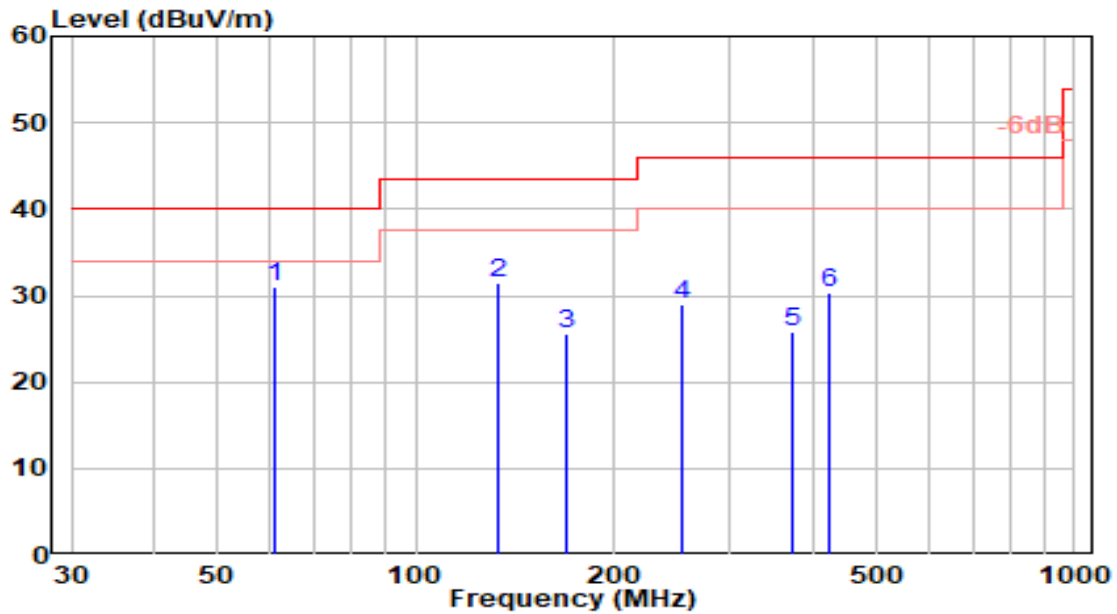


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	50.370	3.28	20.64	23.92	-16.08	40.00	150	360	QP
2	* 80.440	15.14	13.56	28.71	-11.29	40.00	200	360	QP
3	132.820	16.80	15.23	32.03	-11.47	43.50	150	66	QP
4	193.930	13.59	17.74	31.33	-12.17	43.50	150	360	QP
5	281.230	10.74	20.08	30.82	-15.18	46.00	100	204	QP
6	321.000	10.06	21.26	31.31	-14.69	46.00	100	131	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.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-24
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

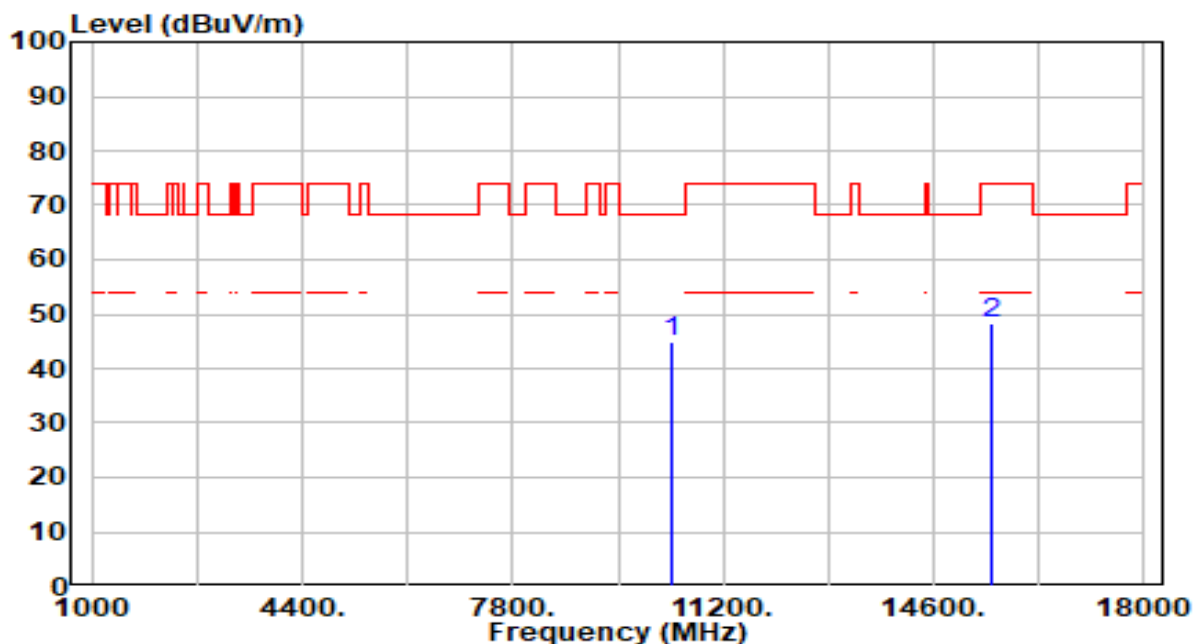


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	61.040	12.19	18.73	30.92	-9.08	40.00	116	360	QP
2		133.790	16.34	15.15	31.48	-12.02	43.50	100	42	QP
3		169.680	9.92	15.73	25.64	-17.86	43.50	100	284	QP
4		253.100	9.02	19.91	28.93	-17.07	46.00	200	1	QP
5		373.380	3.13	22.68	25.81	-20.19	46.00	150	312	QP
6		423.820	6.93	23.30	30.24	-15.76	46.00	100	193	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.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

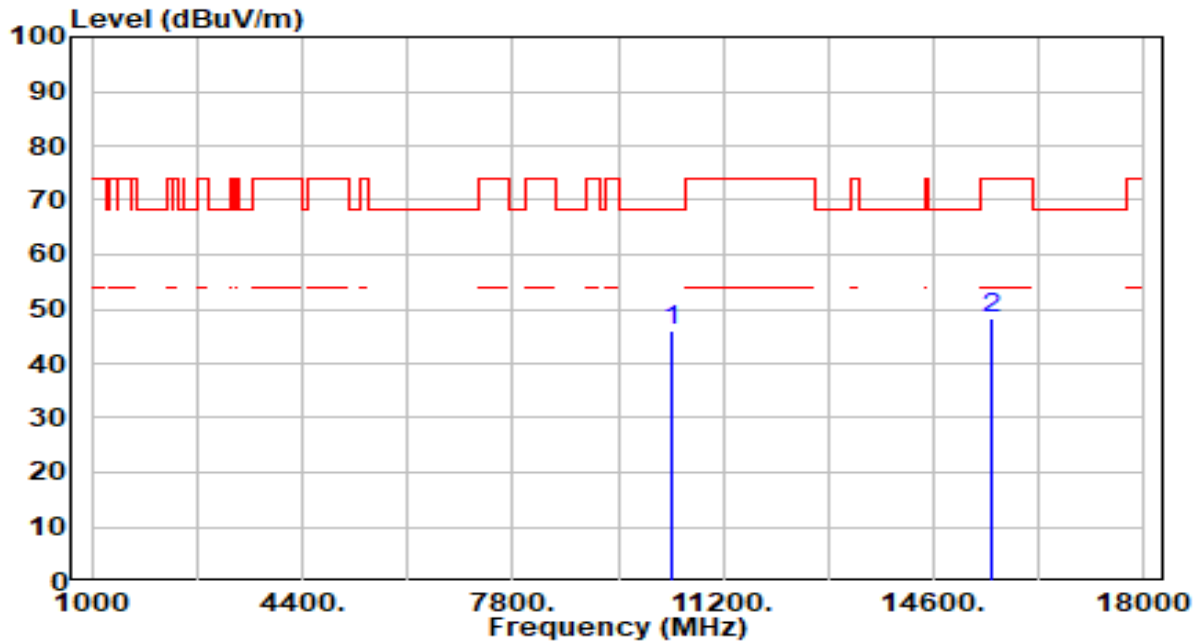


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	42.13	2.81	44.94	-23.26	68.20	100	0	Peak
2		15540.000	43.94	4.52	48.46	-25.54	74.00	100	346	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

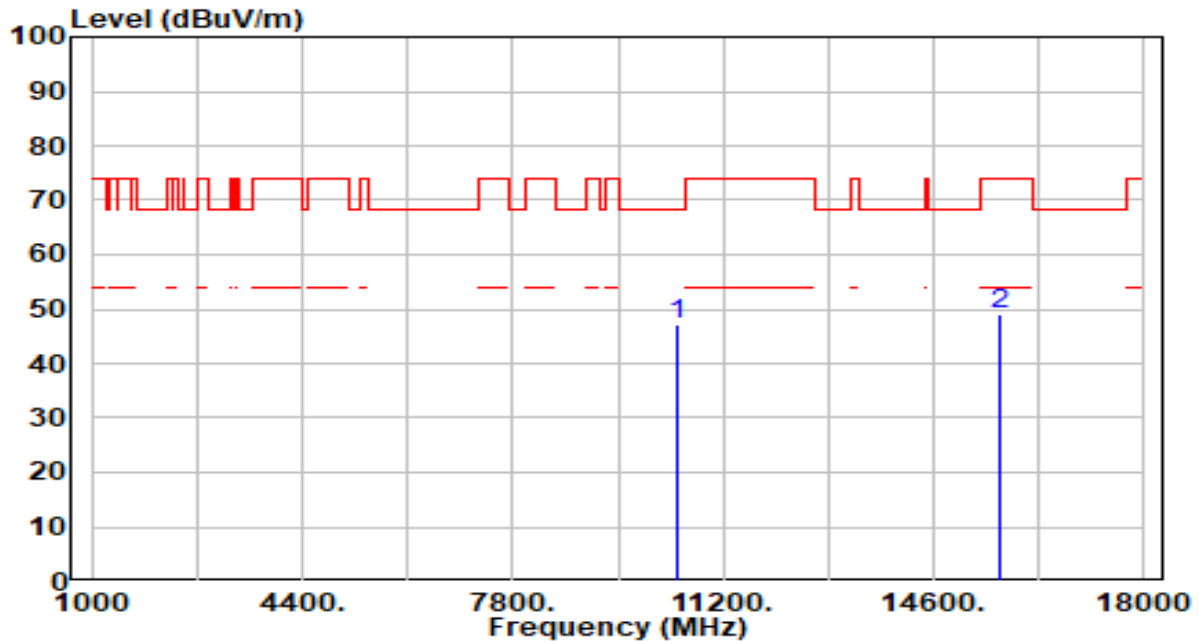


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	43.28	2.81	46.09	-22.11	68.20	200	195	Peak
2		15540.000	43.81	4.52	48.34	-25.66	74.00	200	150	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

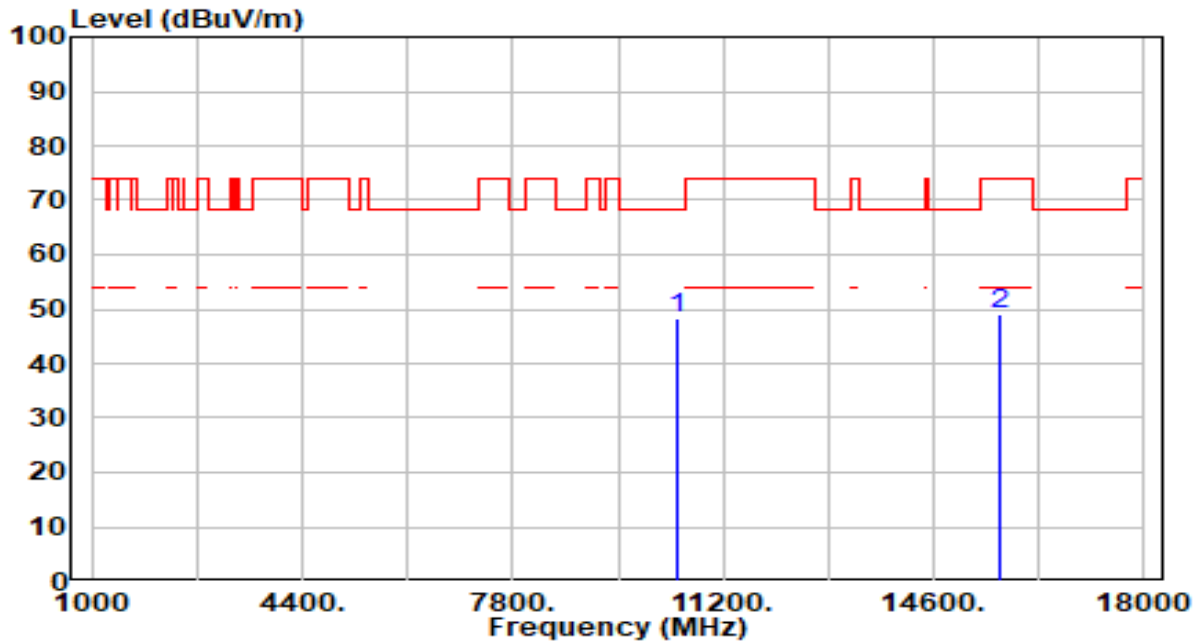


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	44.43	2.72	47.15	-21.05	68.20	101	360	Peak
2		15660.000	44.56	4.67	49.23	-24.77	74.00	200	332	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

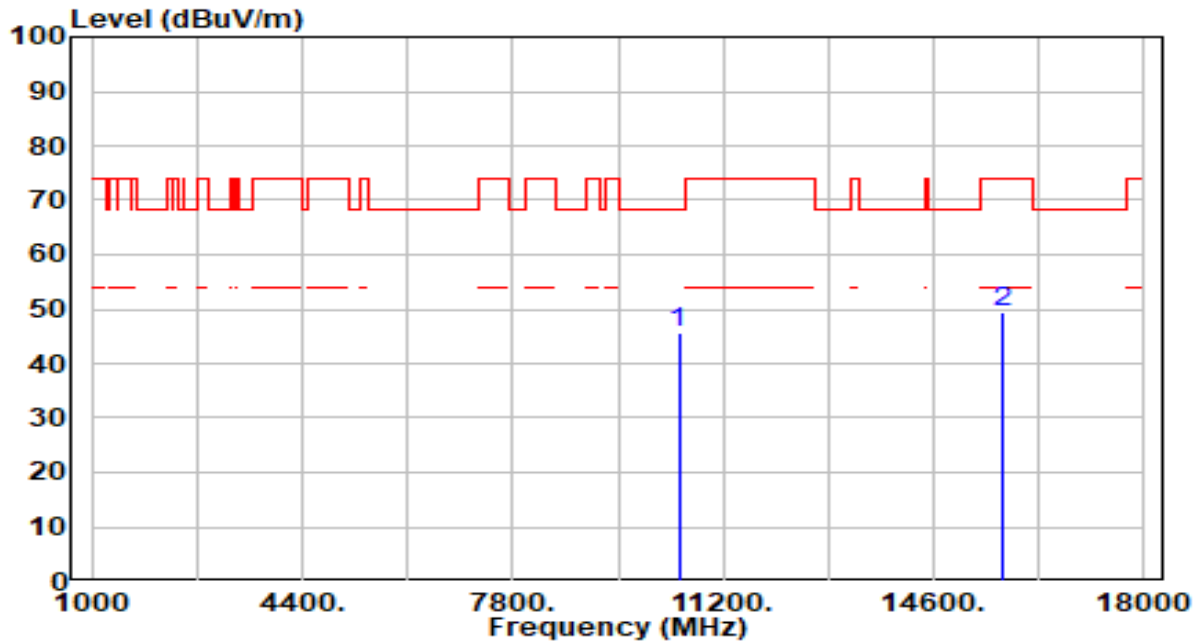


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	45.60	2.72	48.32	-19.88	68.20	200	199	Peak
2		15660.000	44.21	4.67	48.89	-25.11	74.00	300	222	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

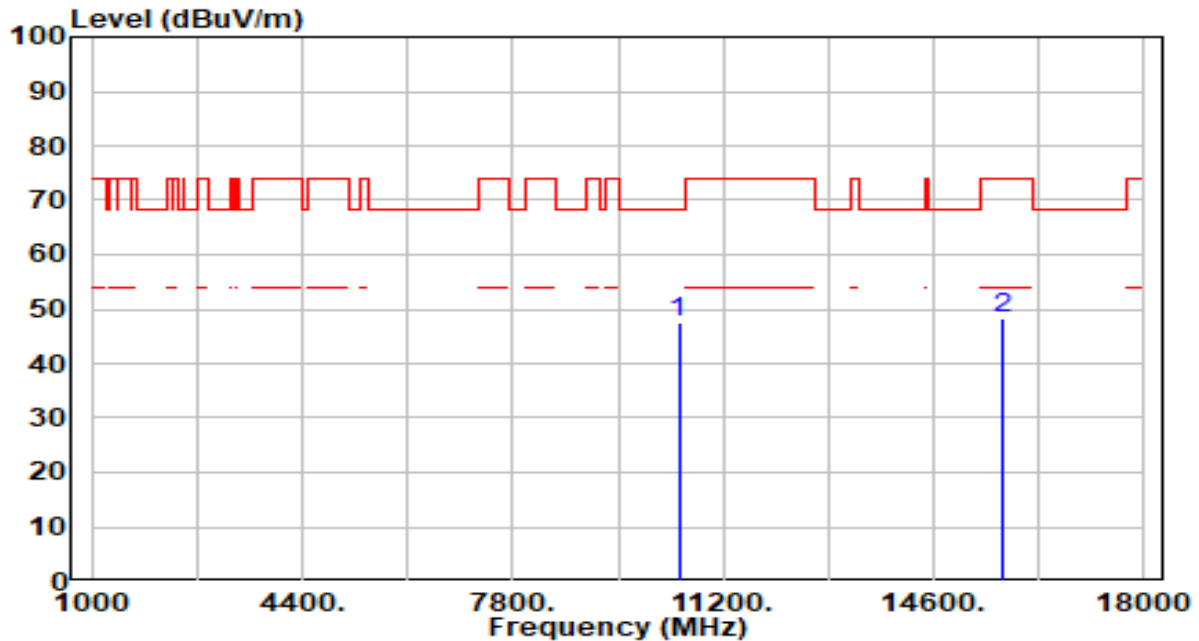


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	43.08	2.68	45.76	-22.44	68.20	100	116	Peak
2		15720.000	44.47	4.84	49.30	-24.70	74.00	100	305	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

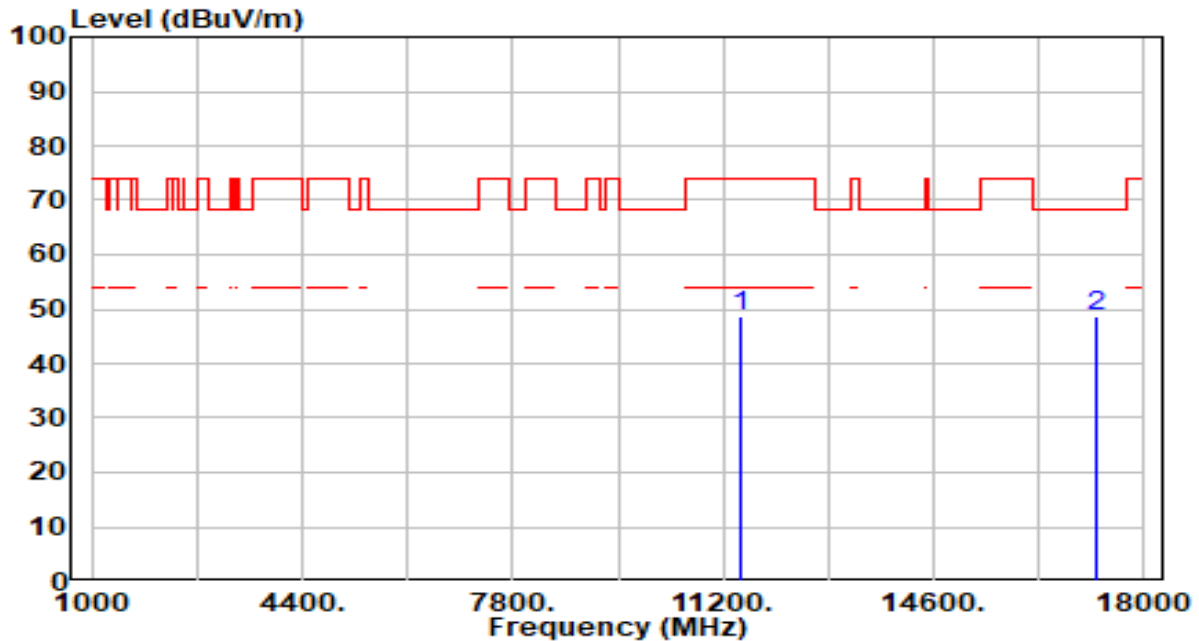


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	44.78	2.68	47.45	-20.75	68.20	200	195	Peak
2		15720.000	43.55	4.84	48.39	-25.61	74.00	200	6	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

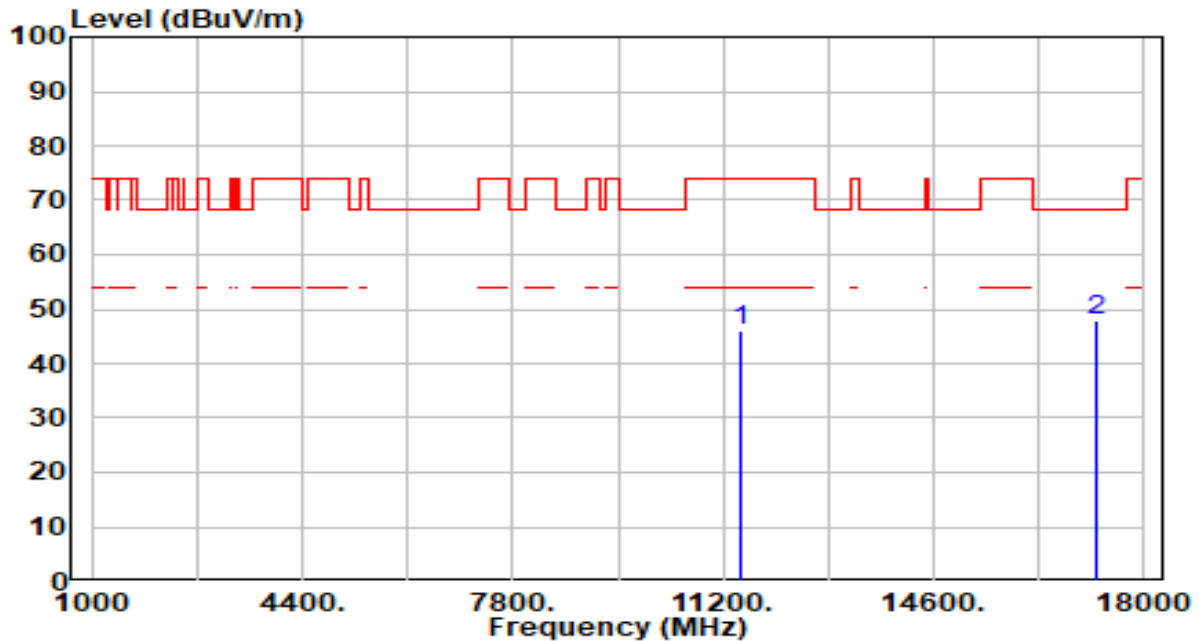


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	45.26	3.57	48.83	-25.17	74.00	100	60	Peak
2	* 17235.000	44.36	4.45	48.81	-19.39	68.20	100	130	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

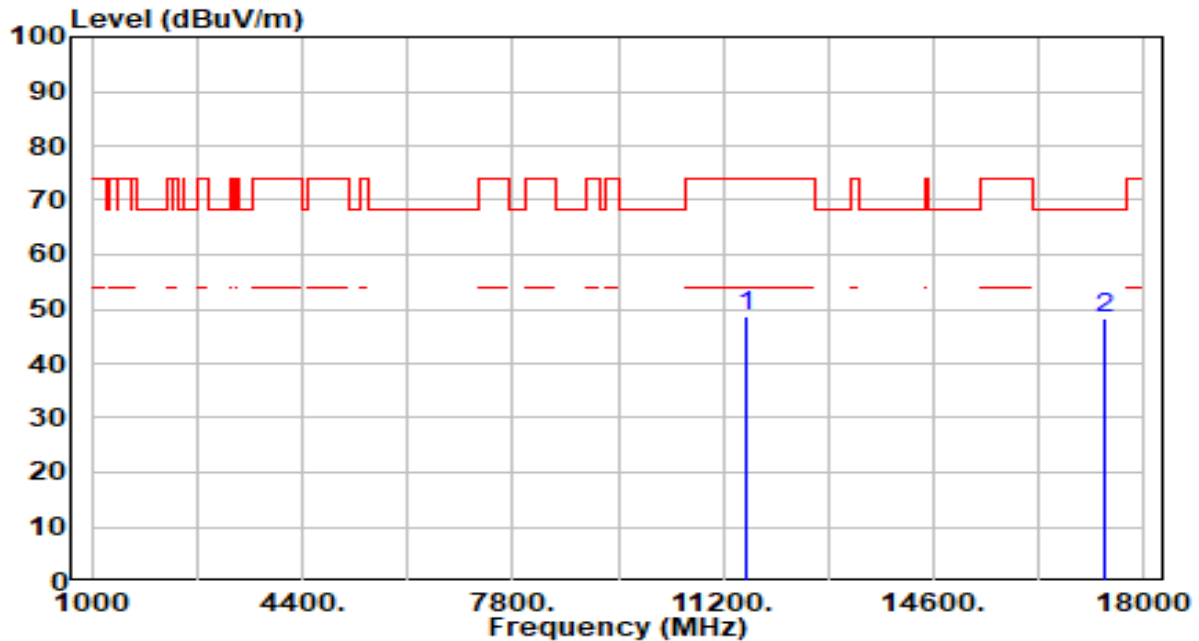


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	42.37	3.57	45.94	-28.06	74.00	200	95	Peak
2	* 17235.000	43.56	4.45	48.02	-20.18	68.20	200	197	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

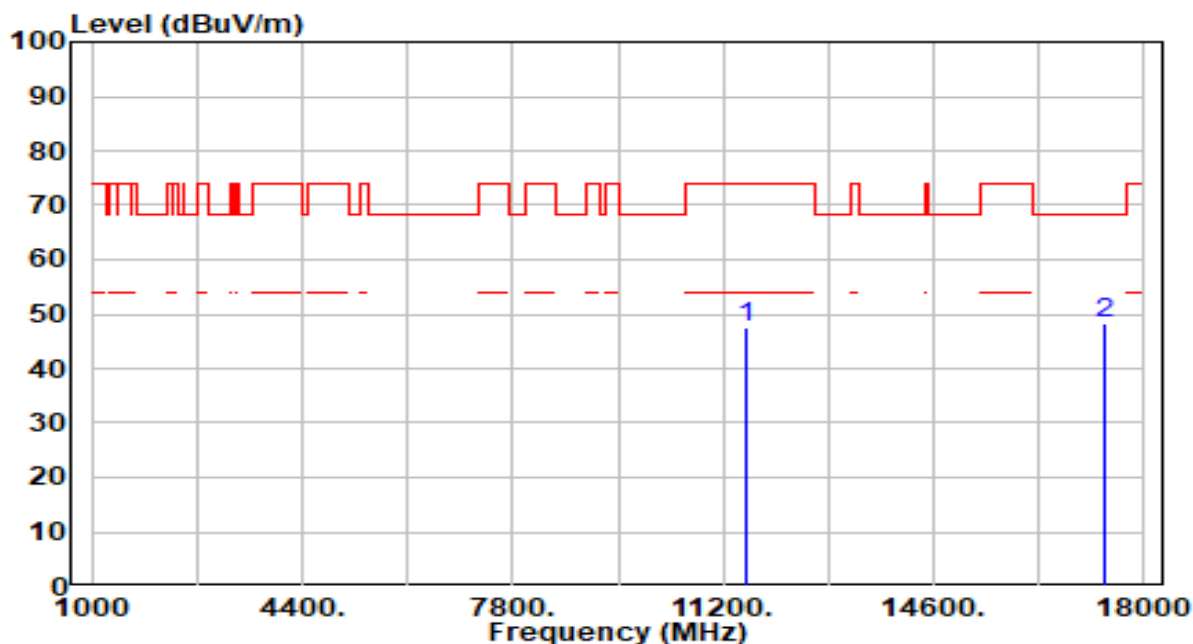


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	45.17	3.65	48.82	-25.18	74.00	100	0	Peak
2	* 17355.000	44.35	4.06	48.40	-19.80	68.20	100	0	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

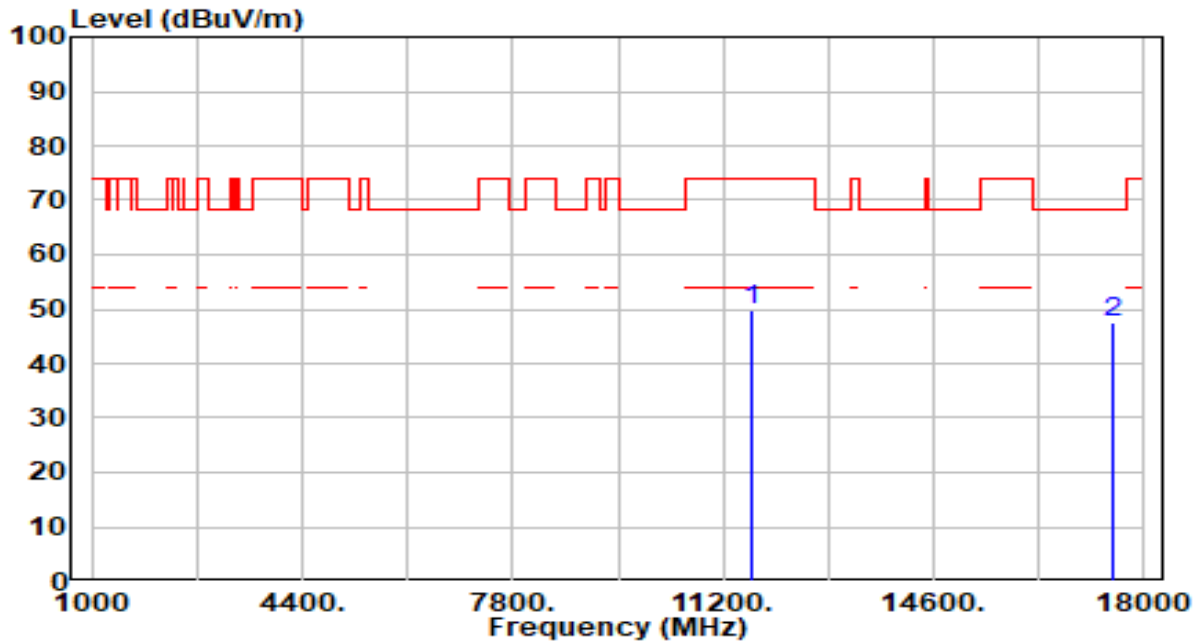


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	43.78	3.65	47.43	-26.57	74.00	200	168	Peak
2	*	17355.000	44.23	4.06	48.29	-19.91	68.20	200	360	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

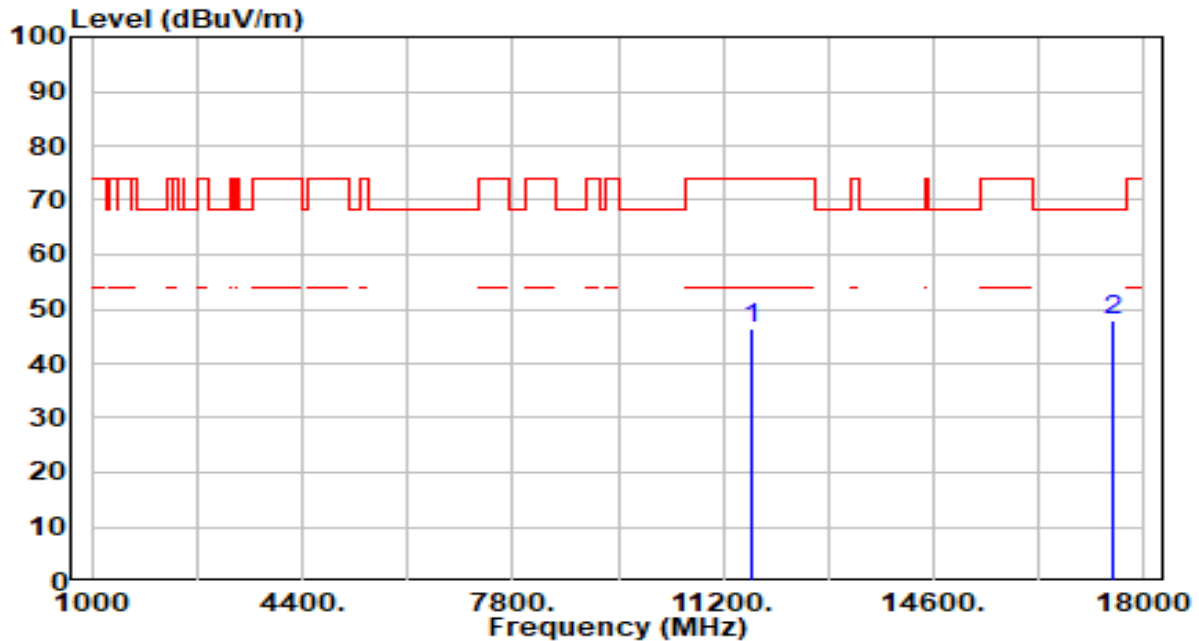


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	46.02	3.66	49.68	-24.32	74.00	100	359	Peak
2	*	17475.000	43.60	3.89	47.50	-20.70	68.20	100	11	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

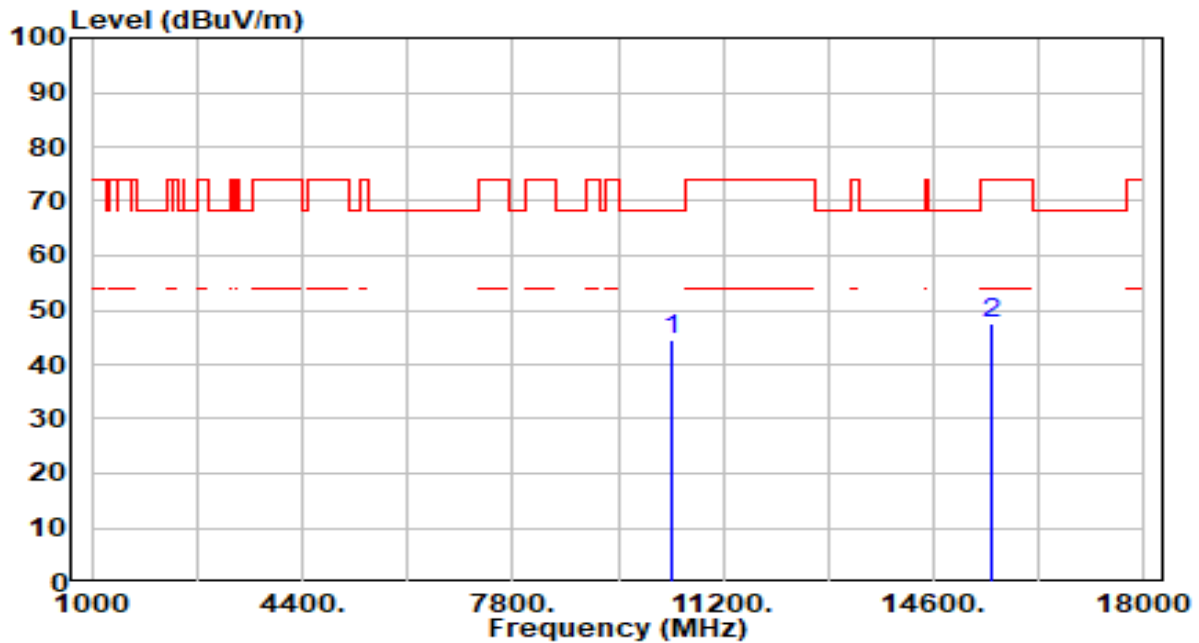


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	42.81	3.66	46.48	-27.52	74.00	200	180	Peak
2	*	17475.000	43.99	3.89	47.88	-20.32	68.20	200	49	Peak

Note:

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

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

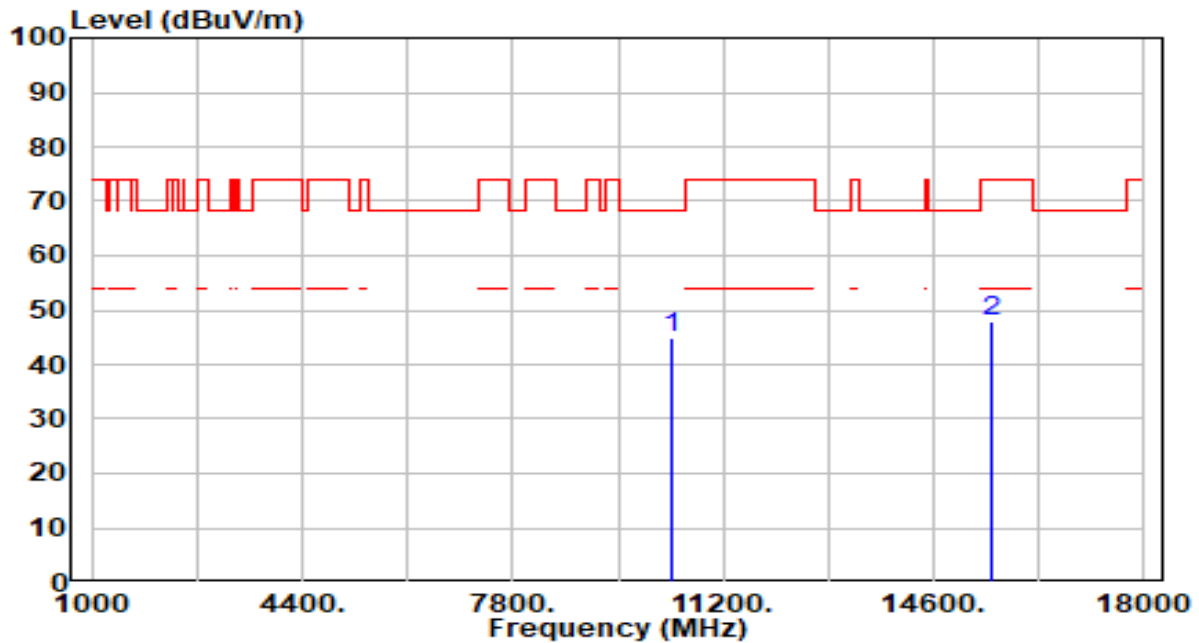


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	41.74	2.81	44.55	-23.65	68.20	100	49	Peak
2		15540.000	43.15	4.52	47.68	-26.32	74.00	100	329	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

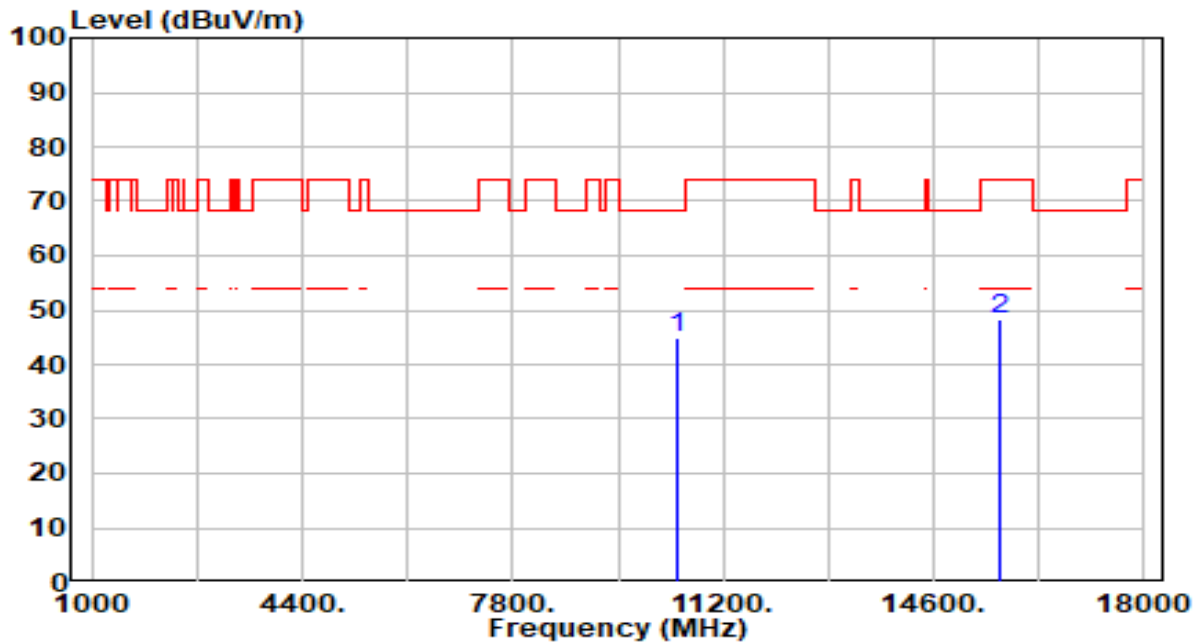


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	42.20	2.81	45.01	-23.19	68.20	200	360	Peak
2		15540.000	43.49	4.52	48.01	-25.99	74.00	200	0	Peak

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.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

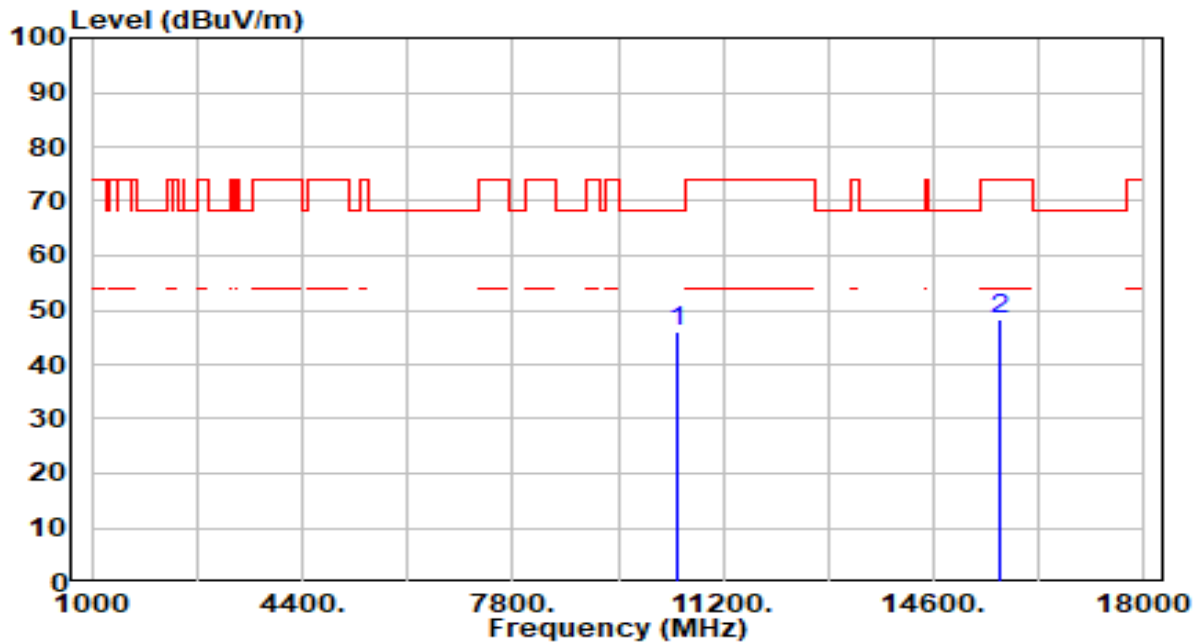


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	42.37	2.72	45.09	-23.11	68.20	100	5	Peak
2		15660.000	43.73	4.67	48.41	-25.59	74.00	100	247	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

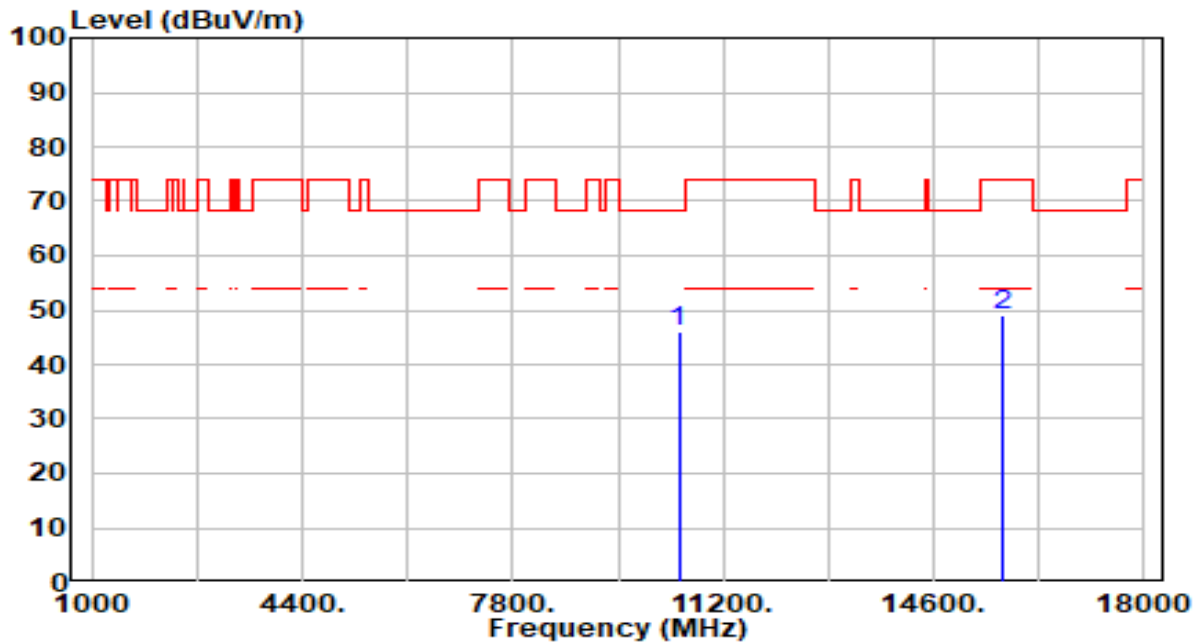


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	43.42	2.72	46.14	-22.06	68.20	200	198	Peak
2		15660.000	43.51	4.67	48.18	-25.82	74.00	200	319	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

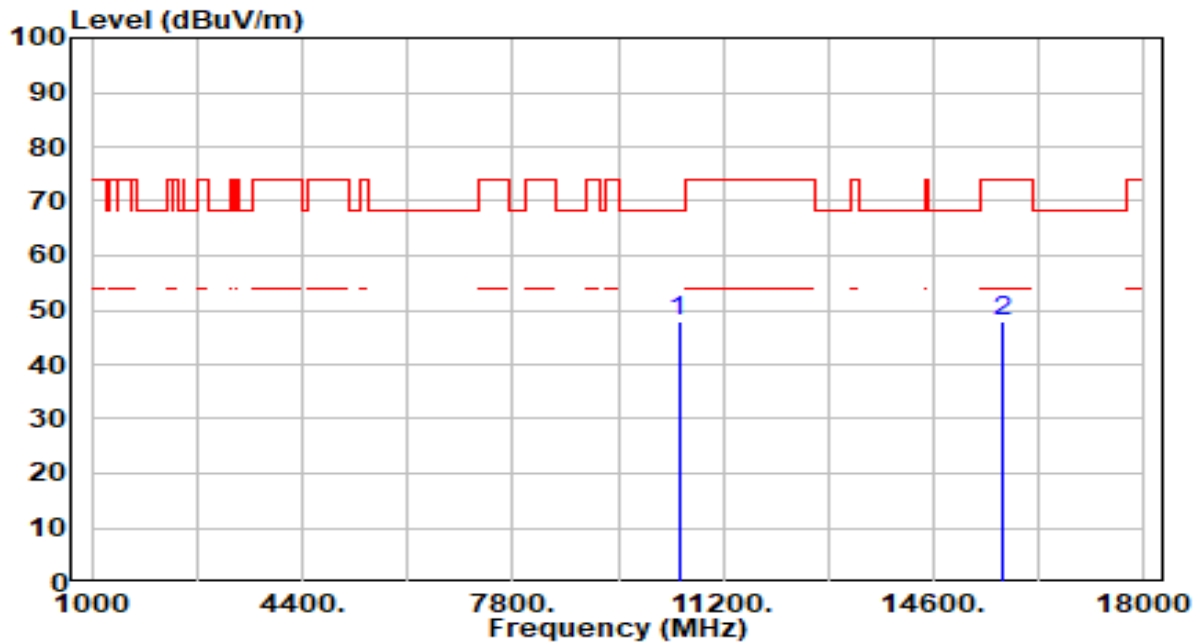


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	43.32	2.68	46.00	-22.20	68.20	100	0	Peak
2		15720.000	44.28	4.84	49.12	-24.88	74.00	100	81	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

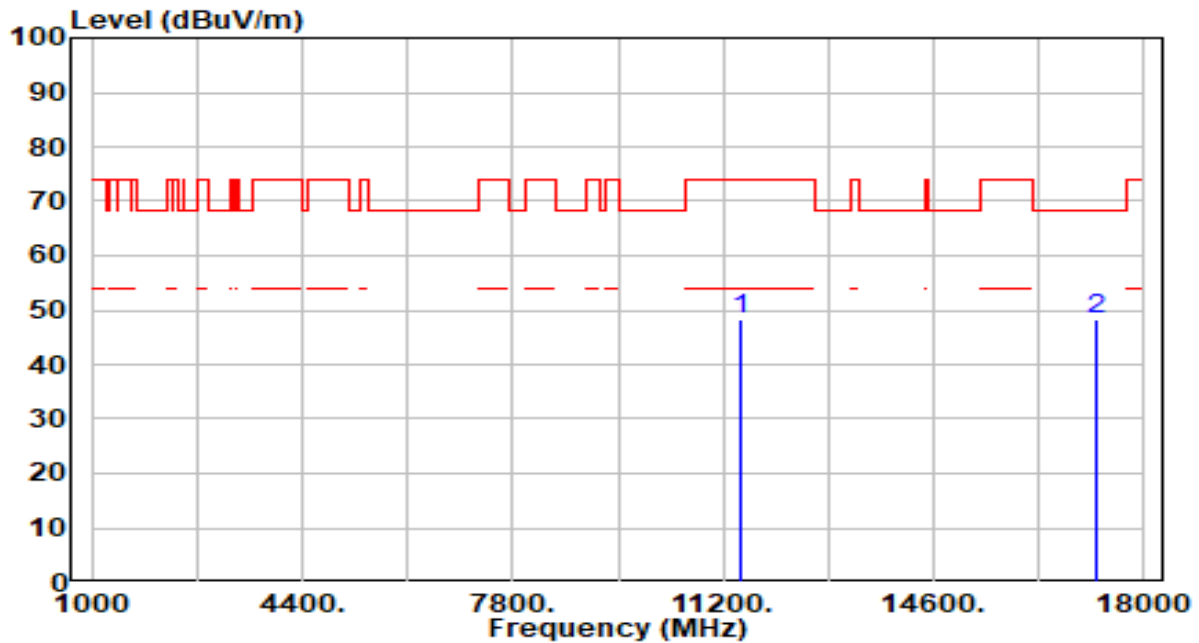


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	45.31	2.68	47.99	-20.21	68.20	200	192	Peak
2		15720.000	43.23	4.84	48.06	-25.94	74.00	200	178	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

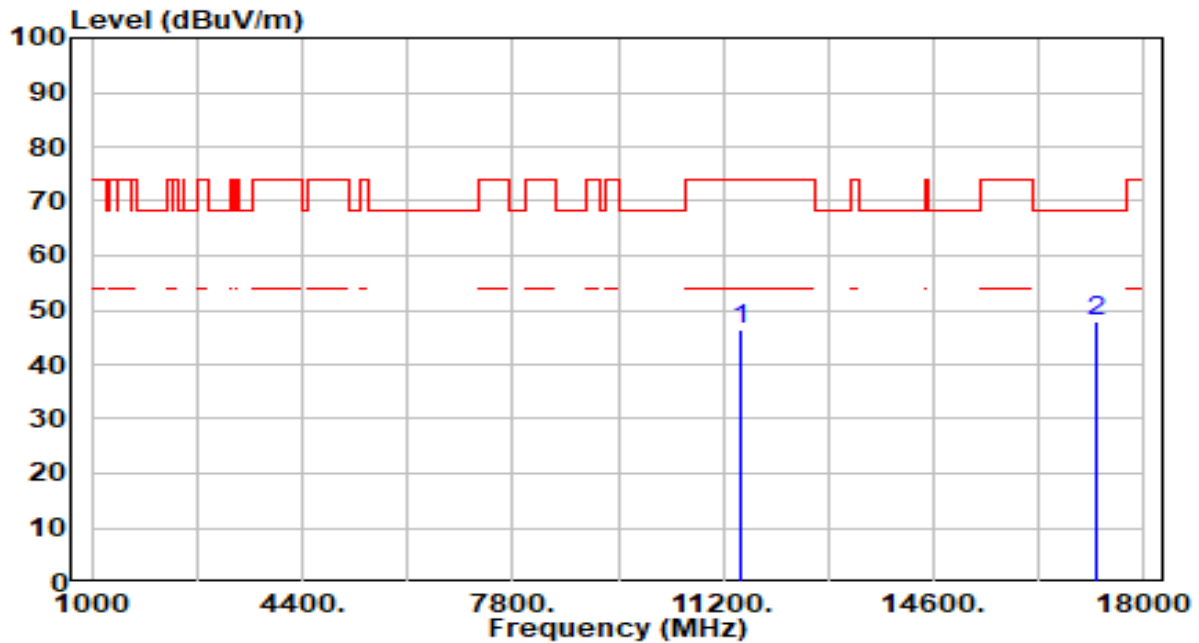


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	44.82	3.57	48.39	-25.61	74.00	100	8	Peak
2	*	17235.000	43.67	4.45	48.12	-20.08	68.20	100	256	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

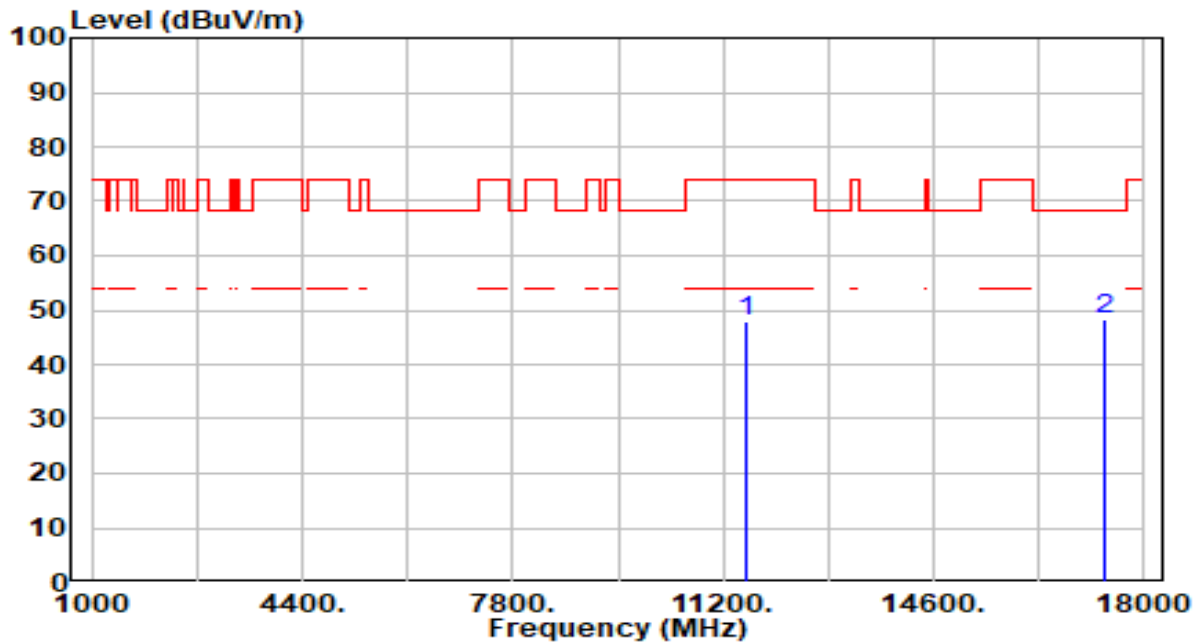


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	42.98	3.57	46.55	-27.45	74.00	200	253	Peak
2	*	17235.000	43.45	4.45	47.91	-20.29	68.20	200	66	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

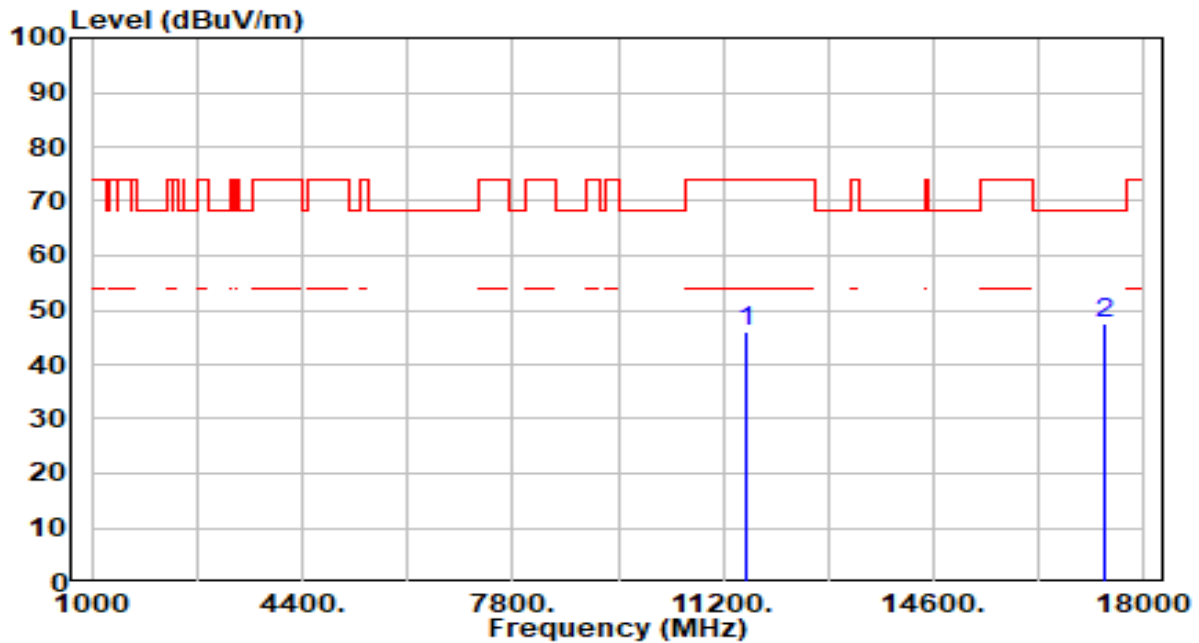


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	44.30	3.65	47.95	-26.05	74.00	100	0	Peak
2	*	17355.000	44.19	4.06	48.25	-19.95	68.20	100	240	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

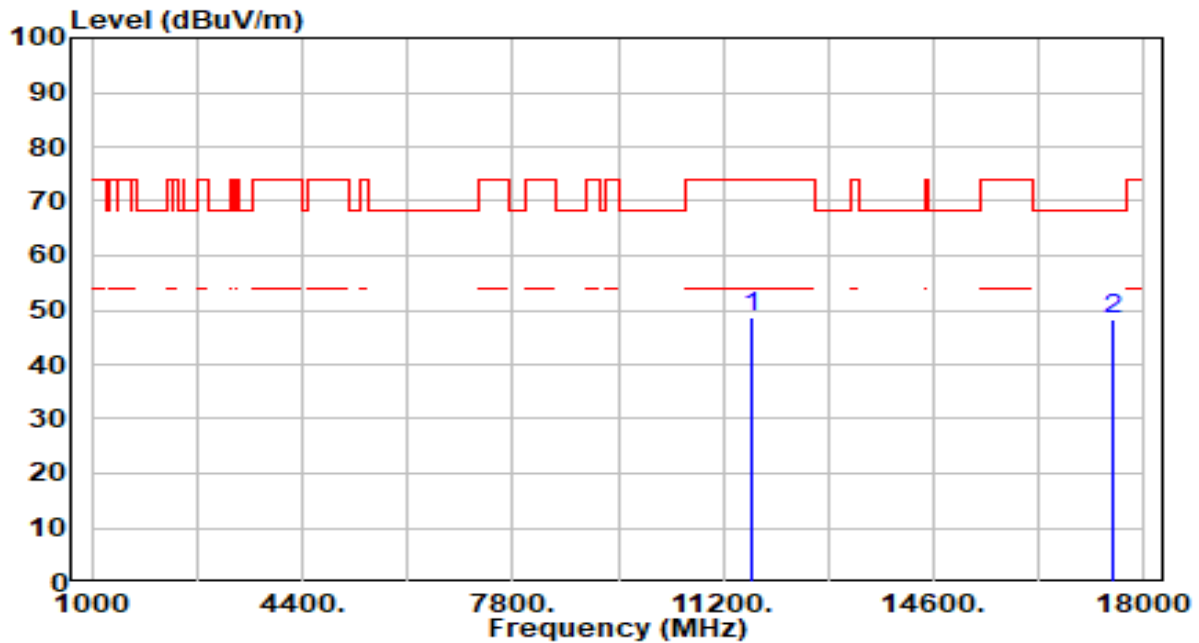


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	42.46	3.65	46.12	-27.88	74.00	200	360	Peak
2	*	17355.000	43.34	4.06	47.40	-20.80	68.20	200	314	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

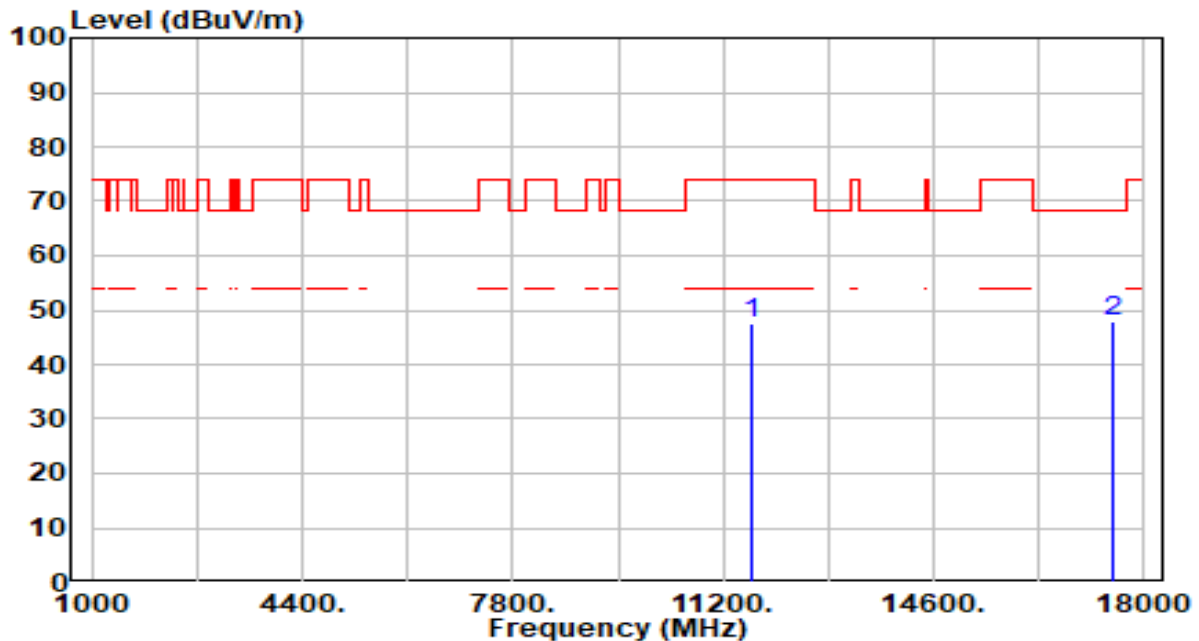


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	45.08	3.66	48.75	-25.25	74.00	100	0	Peak
2	*	17475.000	44.44	3.89	48.33	-19.87	68.20	100	52	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

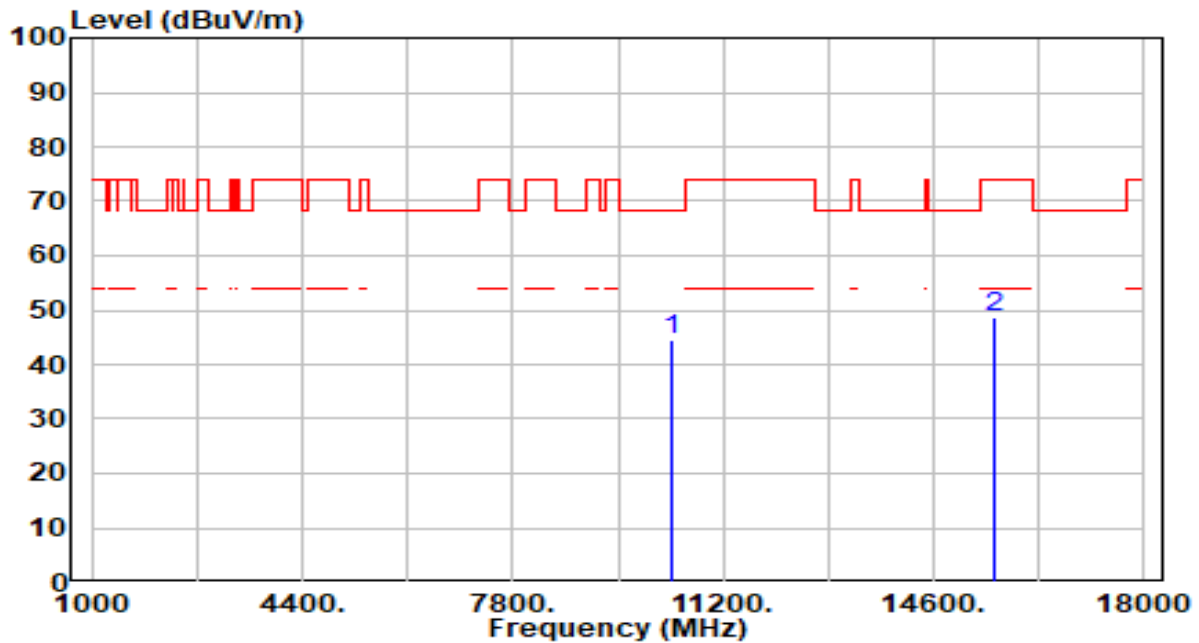


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	43.94	3.66	47.60	-26.40	74.00	200	194	Peak
2	*	17475.000	44.08	3.89	47.97	-20.23	68.20	200	15	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

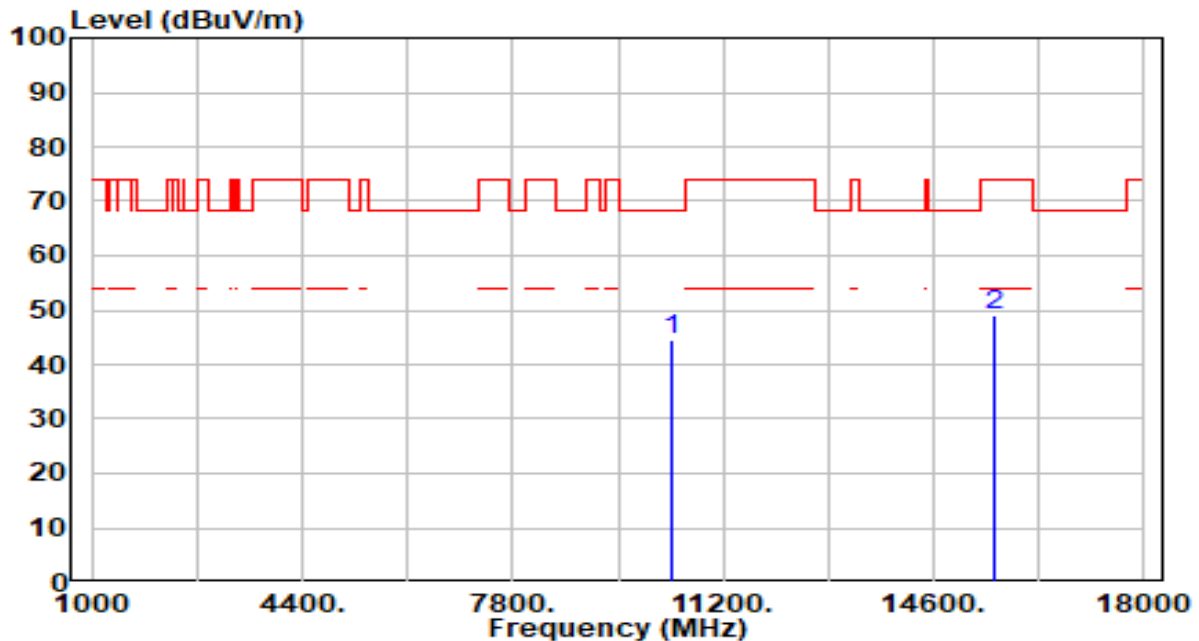


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	41.74	2.79	44.53	-23.67	68.20	100	224	Peak
2		15570.000	44.05	4.52	48.57	-25.43	74.00	100	240	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

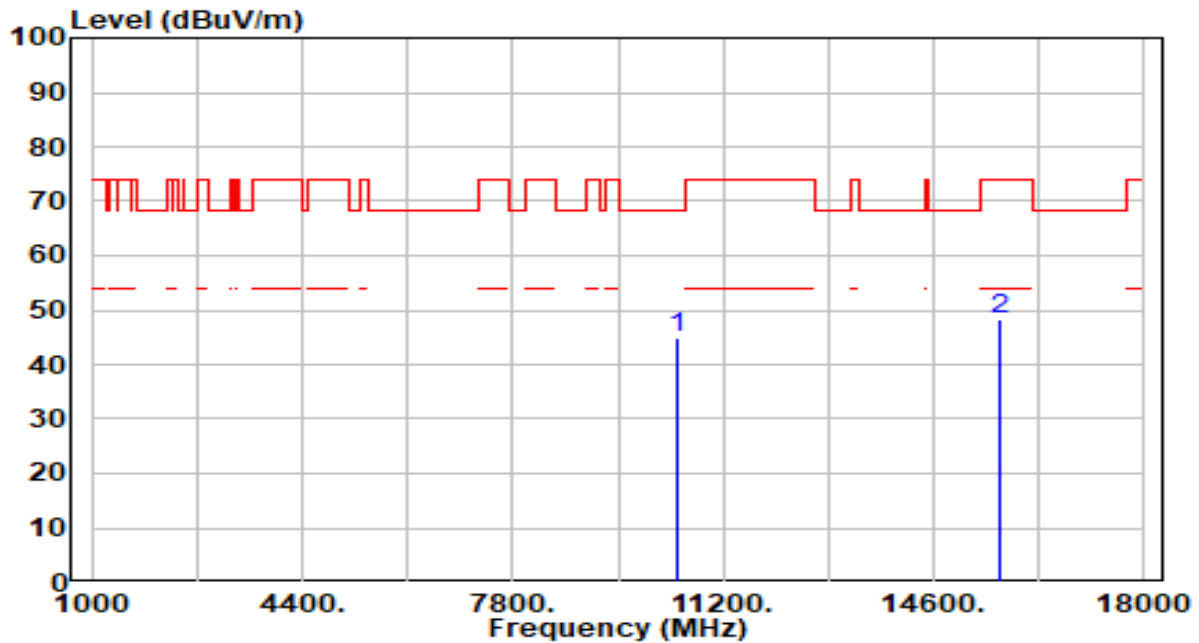


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	41.61	2.79	44.40	-23.80	68.20	200	208	Peak
2		15570.000	44.40	4.52	48.92	-25.08	74.00	200	120	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

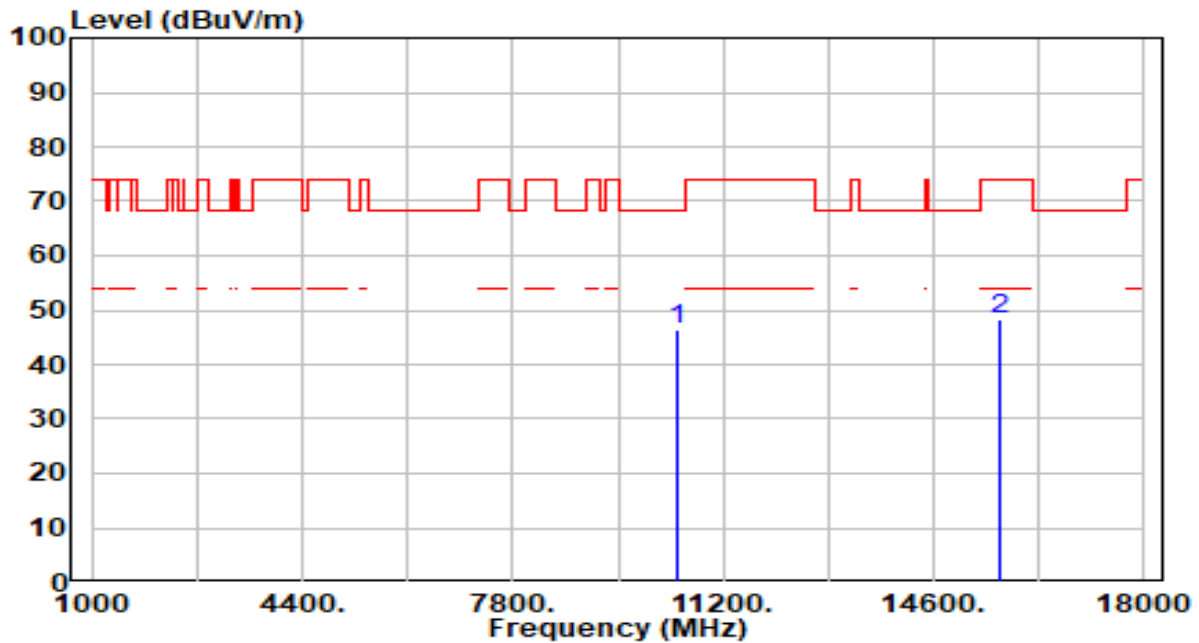


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	42.28	2.70	44.98	-23.22	68.20	100	0	Peak
2		15690.000	43.44	4.75	48.20	-25.80	74.00	100	216	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

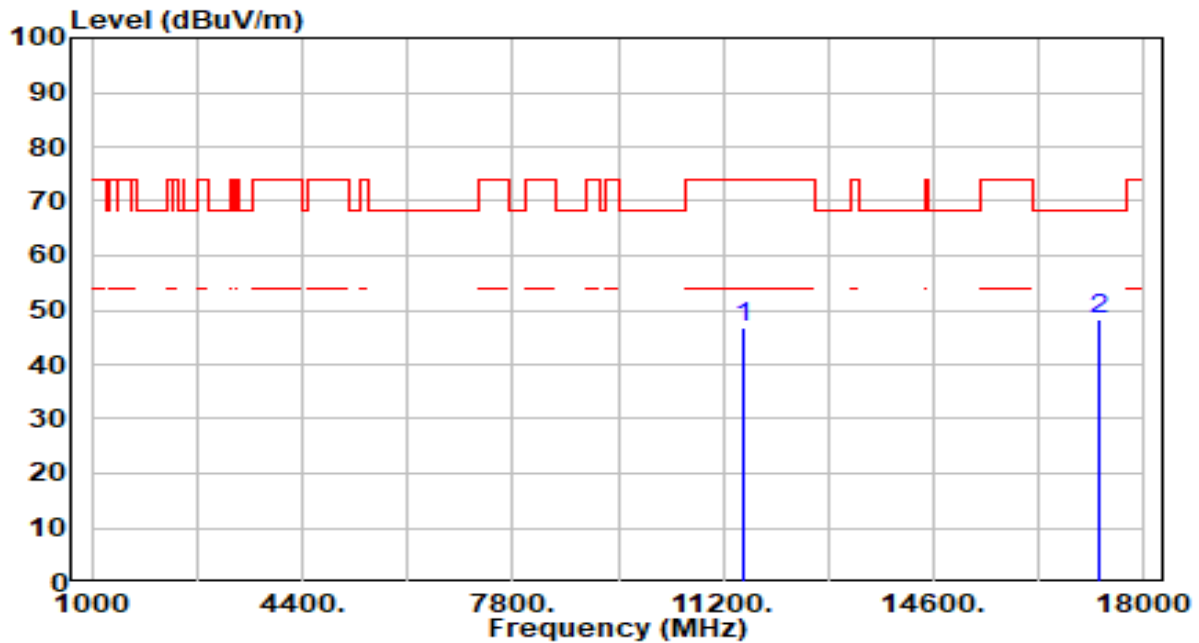


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	43.57	2.70	46.27	-21.93	68.20	200	190	Peak
2		15690.000	43.42	4.75	48.17	-25.83	74.00	200	99	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

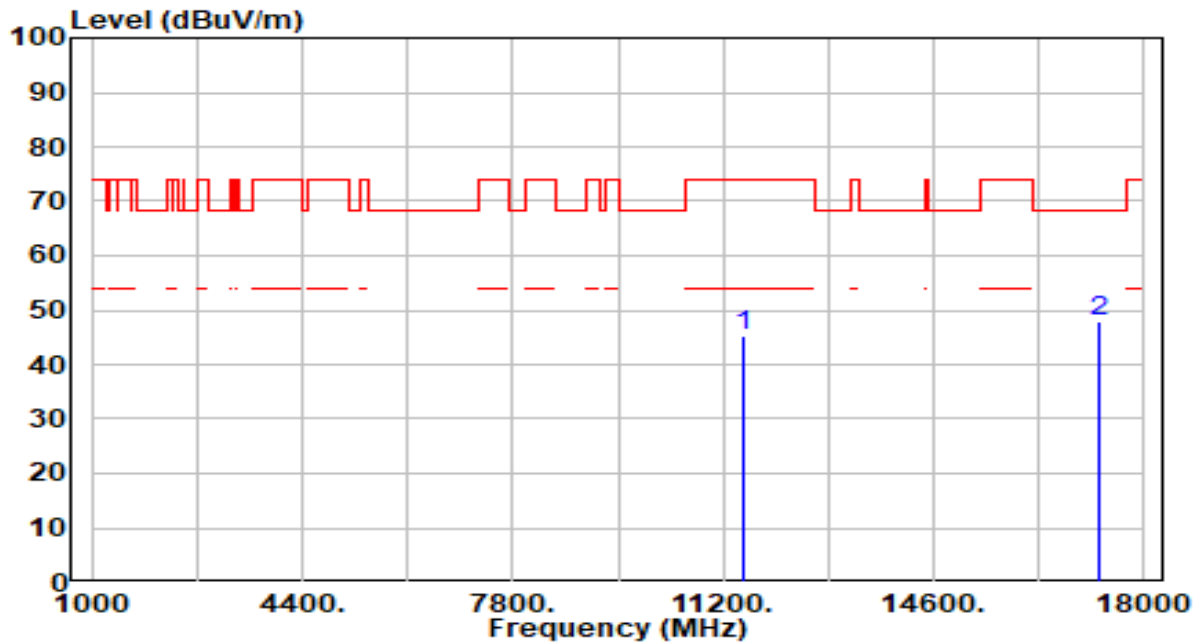


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	43.21	3.59	46.80	-27.20	74.00	100	0	Peak
2	*	17265.000	43.96	4.35	48.31	-19.89	68.20	100	282	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

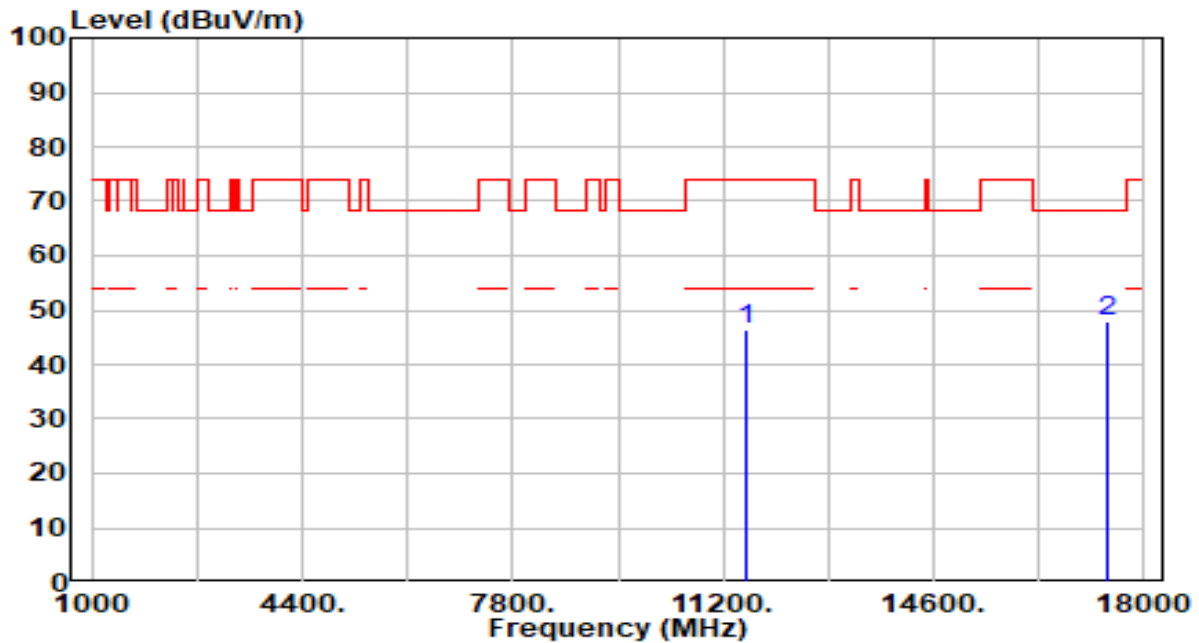


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	41.65	3.59	45.24	-28.76	74.00	200	302	Peak
2	*	17265.000	43.45	4.35	47.80	-20.40	68.20	200	148	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

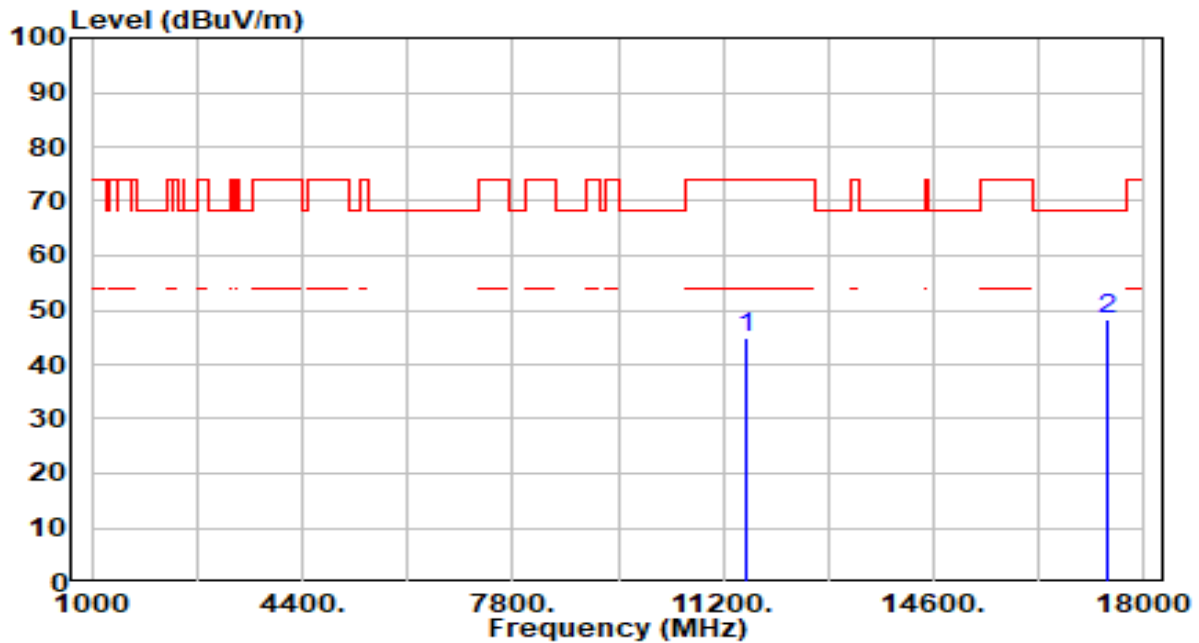


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	42.72	3.67	46.39	-27.61	74.00	100	5	Peak
2	*	17385.000	43.85	3.96	47.81	-20.39	68.20	100	268	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

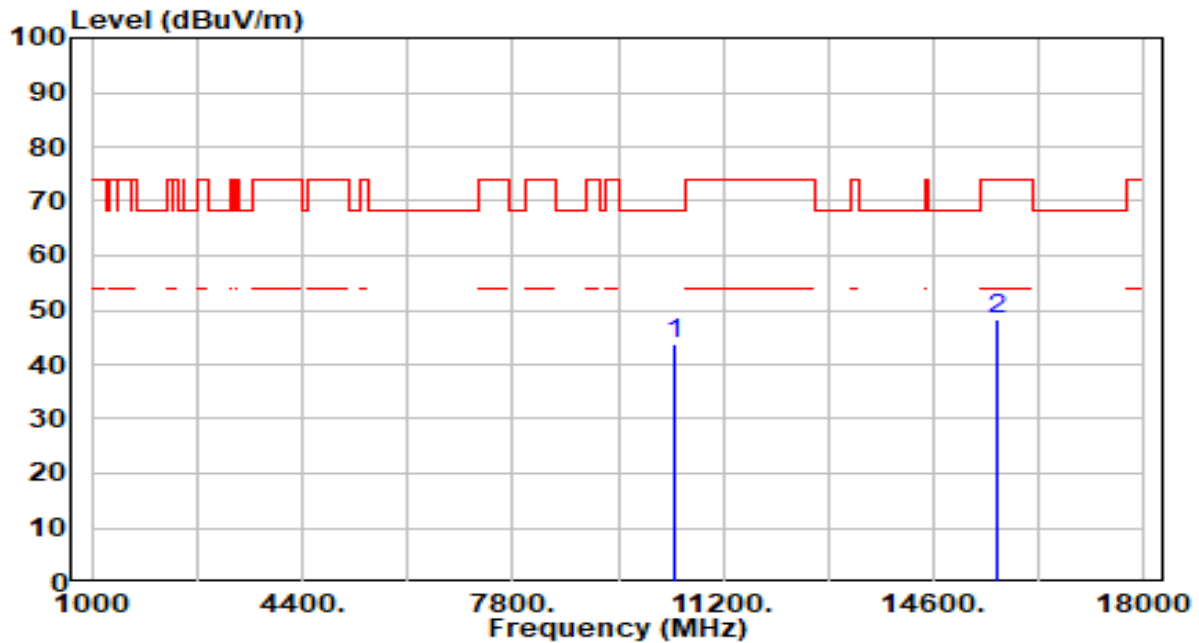


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	41.30	3.67	44.98	-29.02	74.00	200	71	Peak
2	*	17385.000	44.36	3.96	48.32	-19.88	68.20	200	234	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

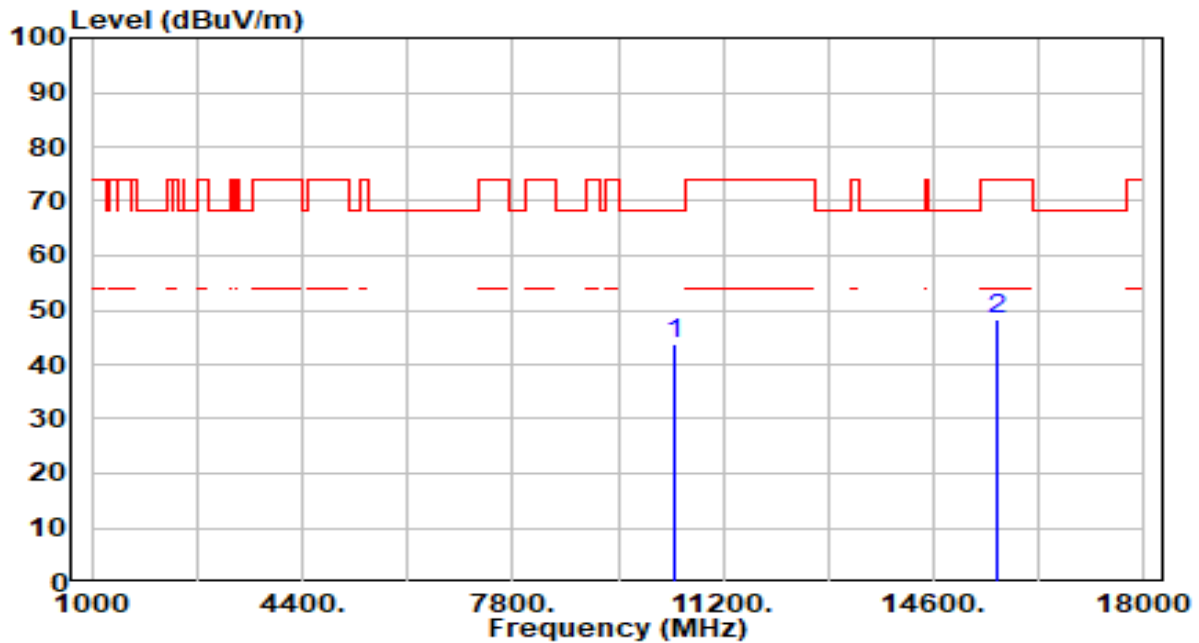


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	41.16	2.74	43.90	-24.30	68.20	100	360	Peak
2		15630.000	43.74	4.59	48.33	-25.67	74.00	100	149	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

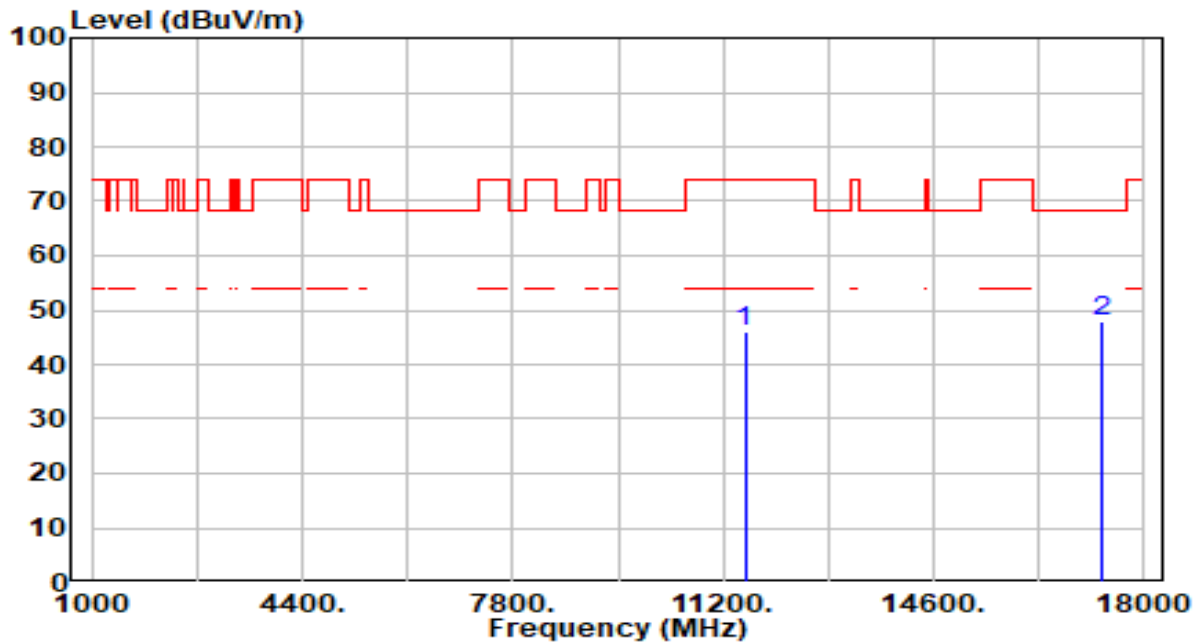


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	40.96	2.74	43.70	-24.50	68.20	200	280	Peak
2		15630.000	43.69	4.59	48.28	-25.72	74.00	200	21	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

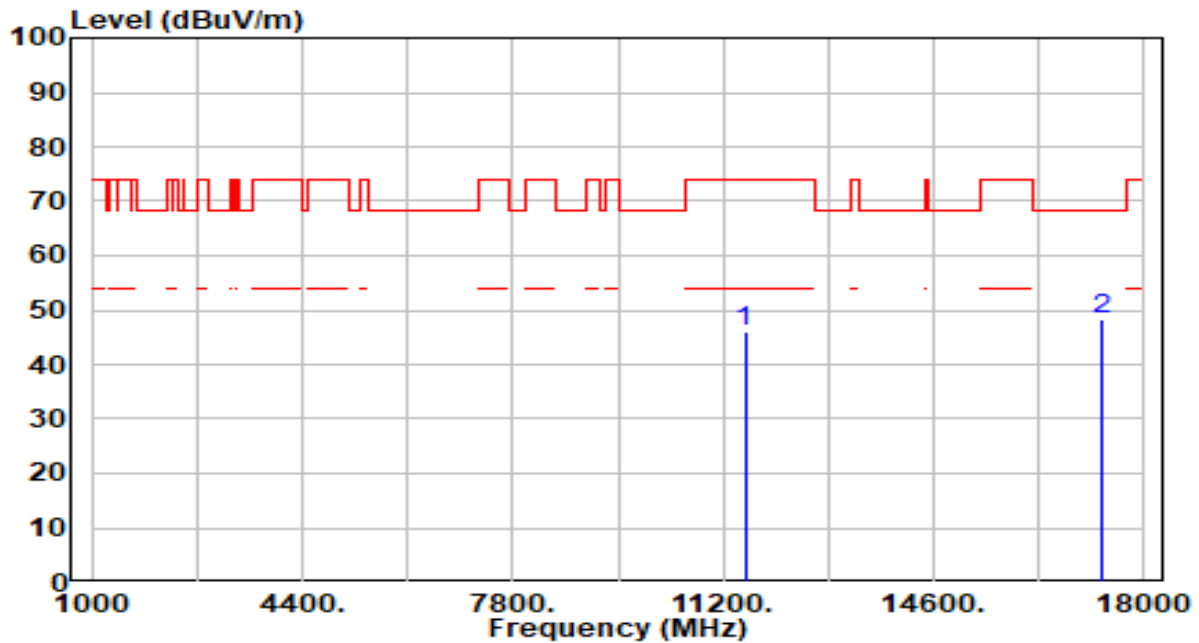


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	42.57	3.63	46.20	-27.80	74.00	100	305	Peak
2	*	17325.000	43.76	4.16	47.92	-20.28	68.20	100	88	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

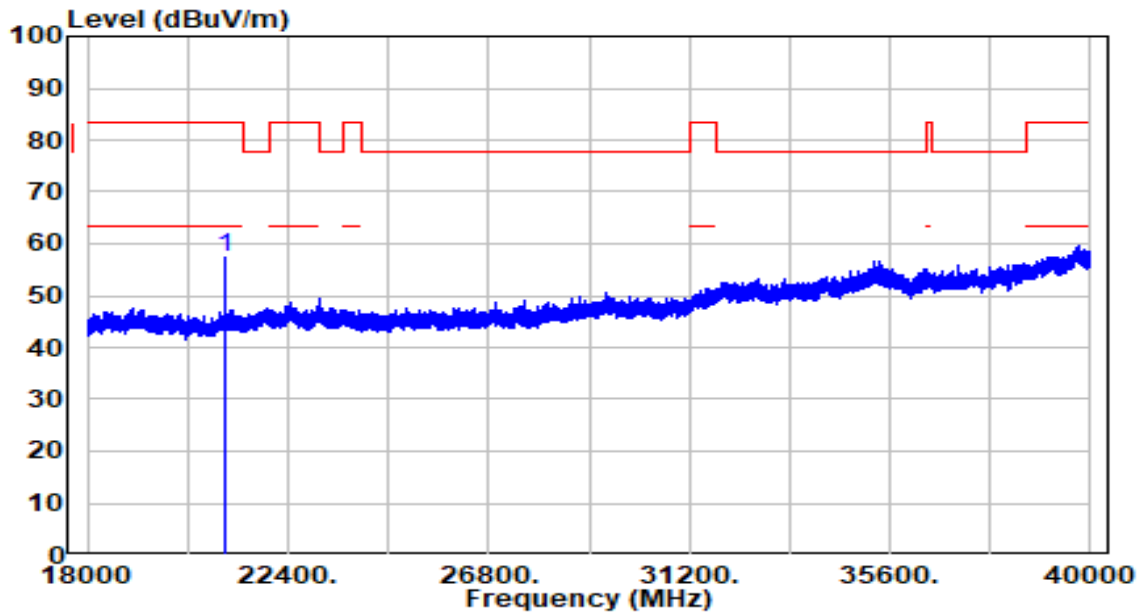


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	42.30	3.63	45.92	-28.08	74.00	200	285	Peak
2	*	17325.000	44.12	4.16	48.28	-19.92	68.20	200	360	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

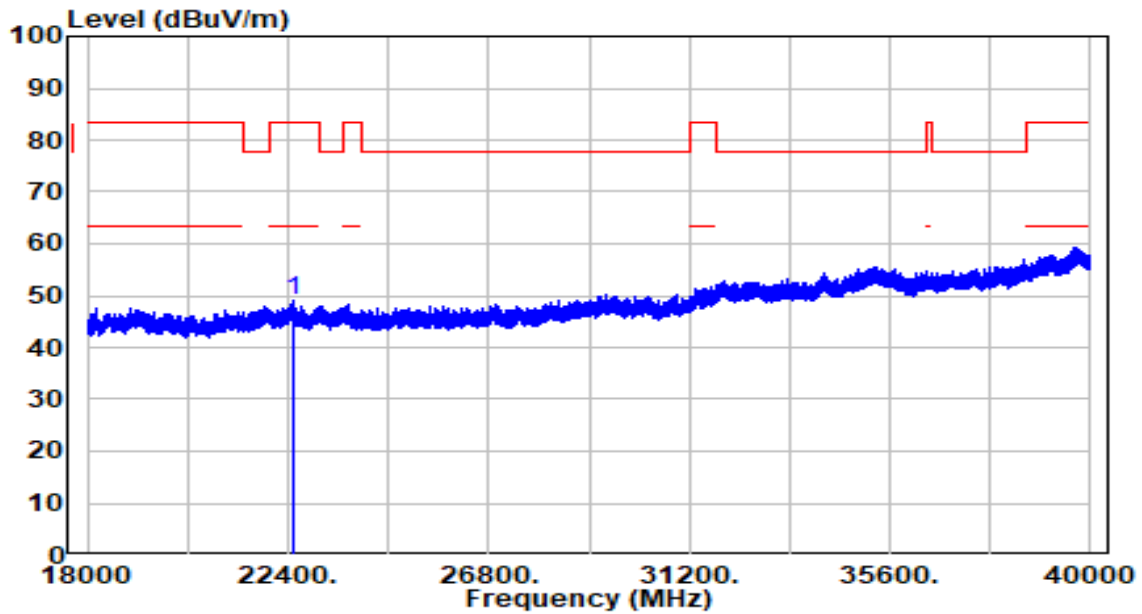


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	21044.940	46.40	10.93	57.33	-26.17	83.50	150	360	Peak

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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_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	*	22504.500	57.614	-526.92	49.22	-34.28	83.50	150	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.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
¹ 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310 - 2390	15.35-16.2
8.362-8.366	156.52475-156.525	2483.5 - 2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690 - 2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260 - 3267	23.6-24.0
12.29-12.293	167.72-173.2	3332 - 3339	31.2-31.8
12.51975-12.52025	240 - 285	3345.8 - 3358	36.43-36.5
12.57675-12.57725	322-335.4	3600 - 4400	(²)
13.36-13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge

increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission 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

7.7.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

7.7.3. Test Setting

Peak Measurements above 1GHz

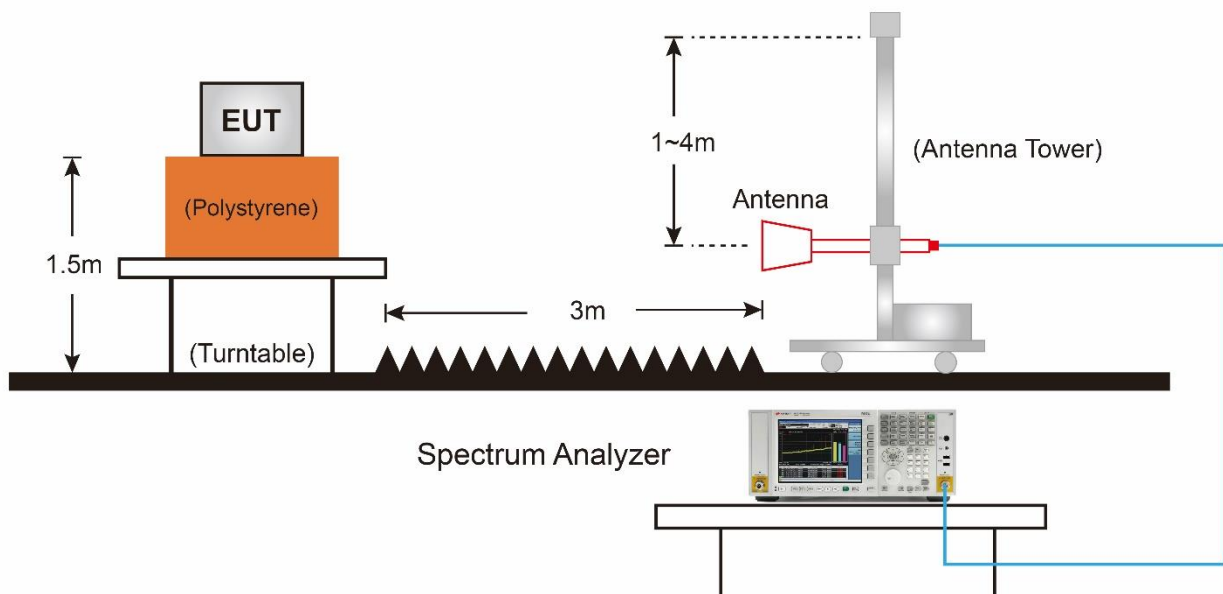
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

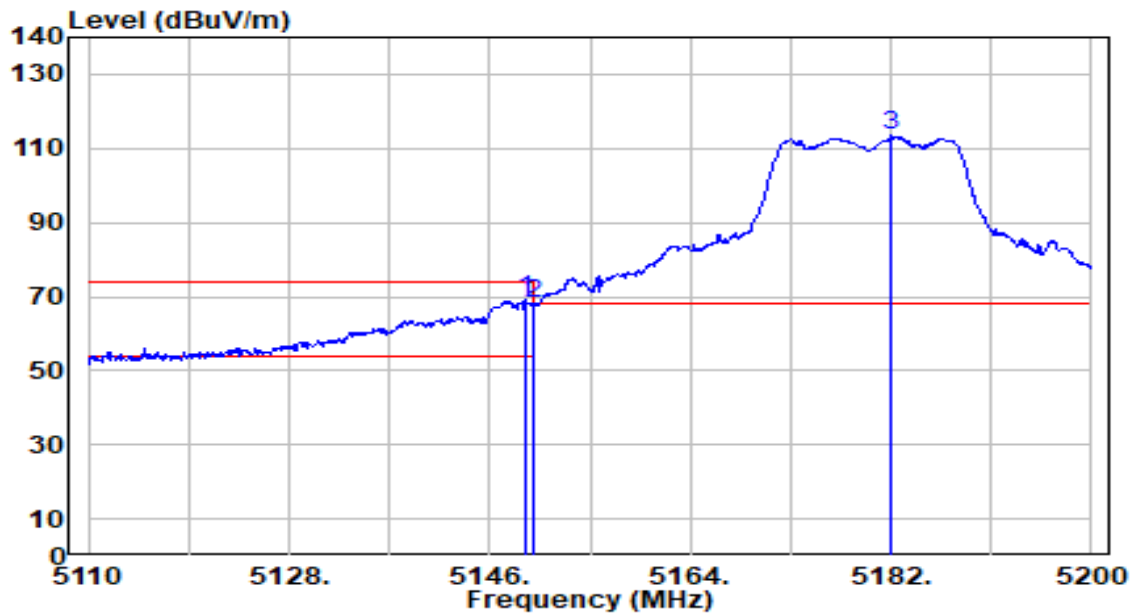
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq \text{RBW}/100$ (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$.
4. Detector = Peak
5. Sweep time = auto
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle.

7.7.4. Test Setup



7.7.5.Test Result

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

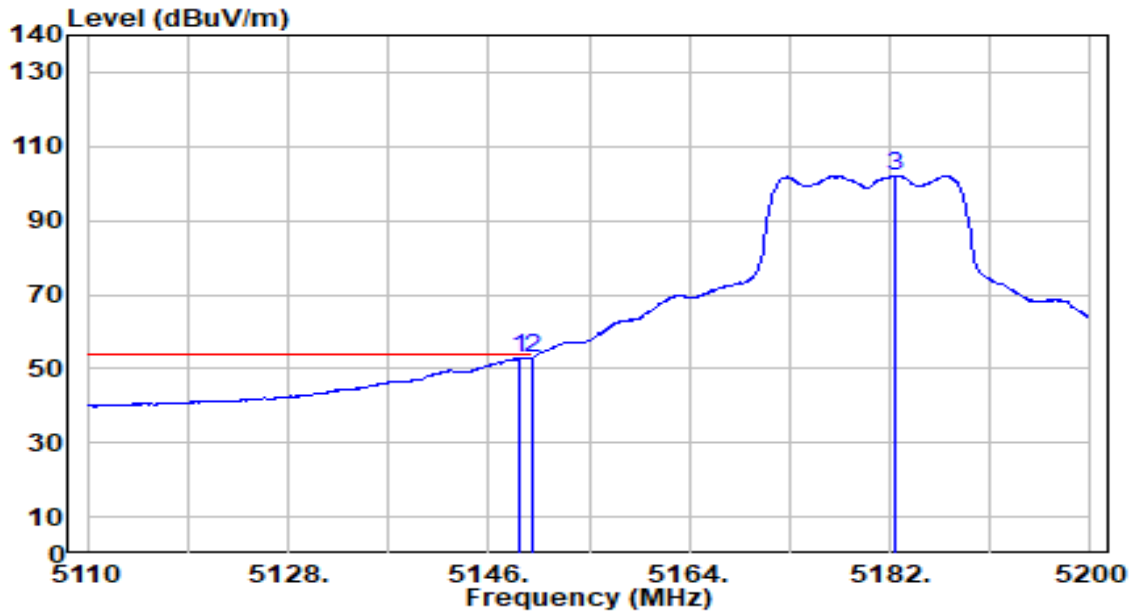


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	69.74	-0.72	69.02	-4.98	74.00	188	181	Peak
2		5150.000	68.66	-0.72	67.94	-6.06	74.00	188	181	Peak
3		5182.090	114.18	-0.73	113.45	N/A	N/A	188	181	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

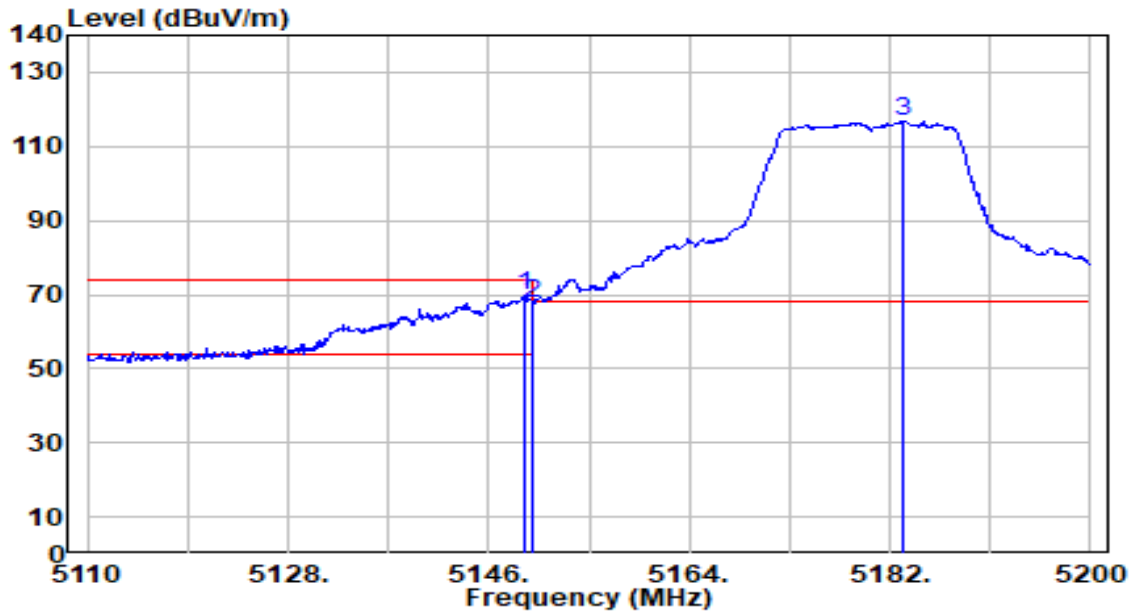


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5148.790	53.71	-0.72	52.99	-1.01	54.00	188	181	Average
2	* 5150.000	53.81	-0.72	53.09	-0.91	54.00	188	181	Average
3	5182.450	102.92	-0.73	102.18	N/A	N/A	188	181	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

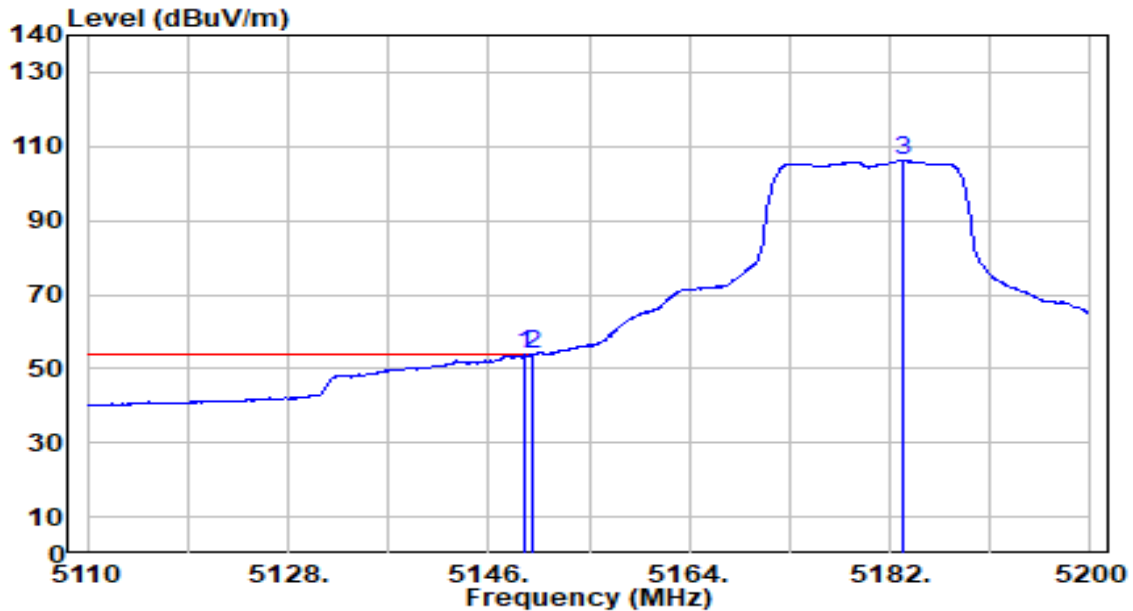


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	70.46	-0.72	69.74	-4.26	74.00	185	183	Peak
2		5150.000	68.55	-0.72	67.84	-6.16	74.00	185	183	Peak
3		5183.080	117.53	-0.74	116.79	N/A	N/A	185	183	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

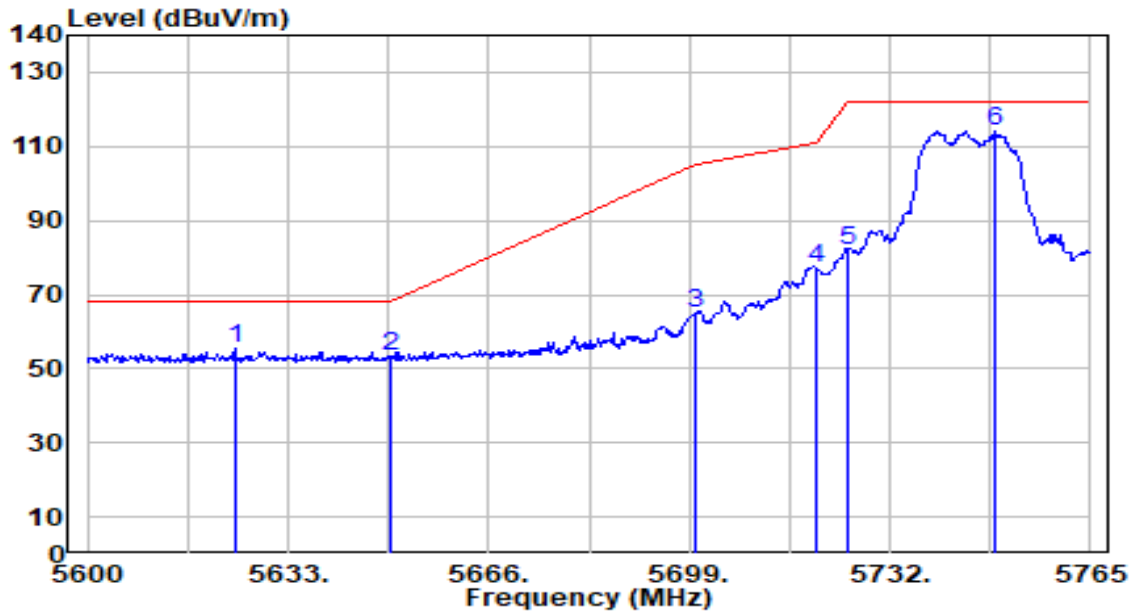


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.240	54.37	-0.72	53.65	-0.35	54.00	185	183	Average
2	* 5150.000	54.58	-0.72	53.86	-0.14	54.00	185	183	Average
3	5183.260	107.06	-0.74	106.33	N/A	N/A	185	183	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

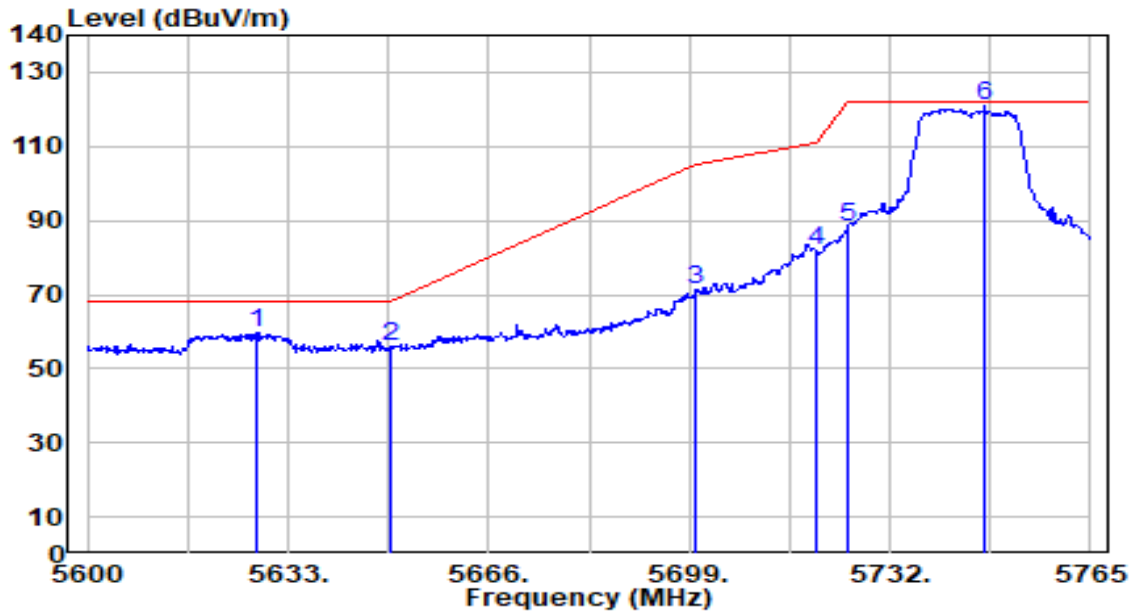


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.255	55.60	-0.30	55.30	-12.90	68.20	144	176	Peak
2		5650.000	53.48	-0.16	53.32	-14.88	68.20	144	176	Peak
3		5700.000	64.68	0.10	64.78	-40.42	105.20	144	176	Peak
4		5720.000	76.97	0.20	77.17	-33.63	110.80	144	176	Peak
5		5725.000	81.46	0.23	81.69	-40.51	122.20	144	176	Peak
6		5749.490	113.79	0.36	114.15	N/A	N/A	144	176	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

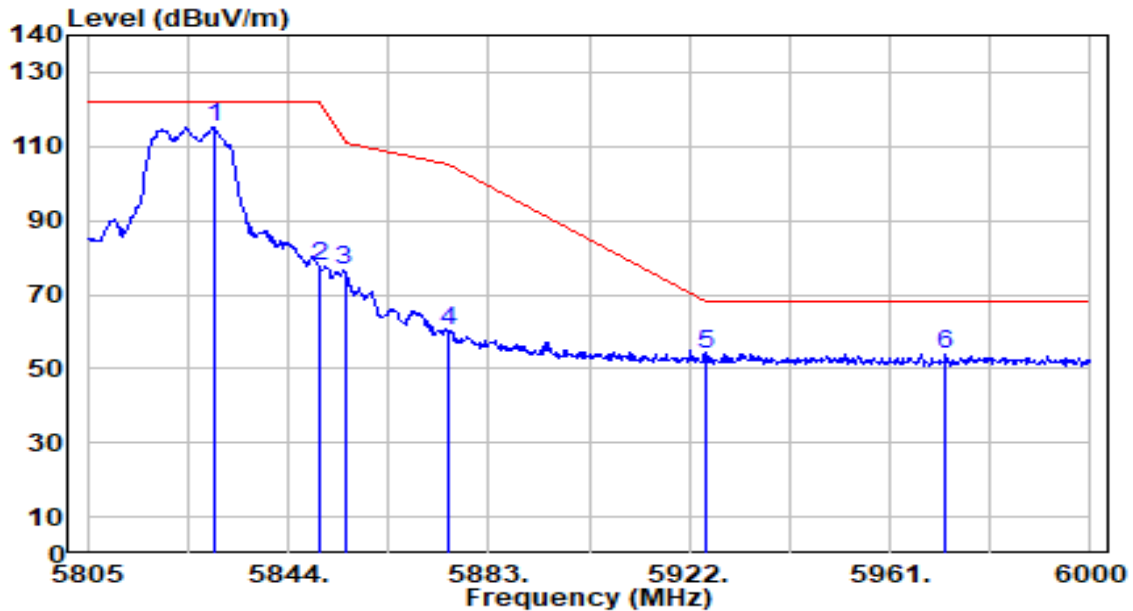


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5627.720	59.86	-0.28	59.58	-8.62	68.20	170	185	Peak
2		5650.000	56.27	-0.16	56.11	-12.09	68.20	170	185	Peak
3		5700.000	71.12	0.10	71.22	-33.98	105.20	170	185	Peak
4		5720.000	81.44	0.20	81.64	-29.16	110.80	170	185	Peak
5		5725.000	88.05	0.23	88.28	-33.92	122.20	170	185	Peak
6		5747.675	120.46	0.35	120.81	N/A	N/A	170	185	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

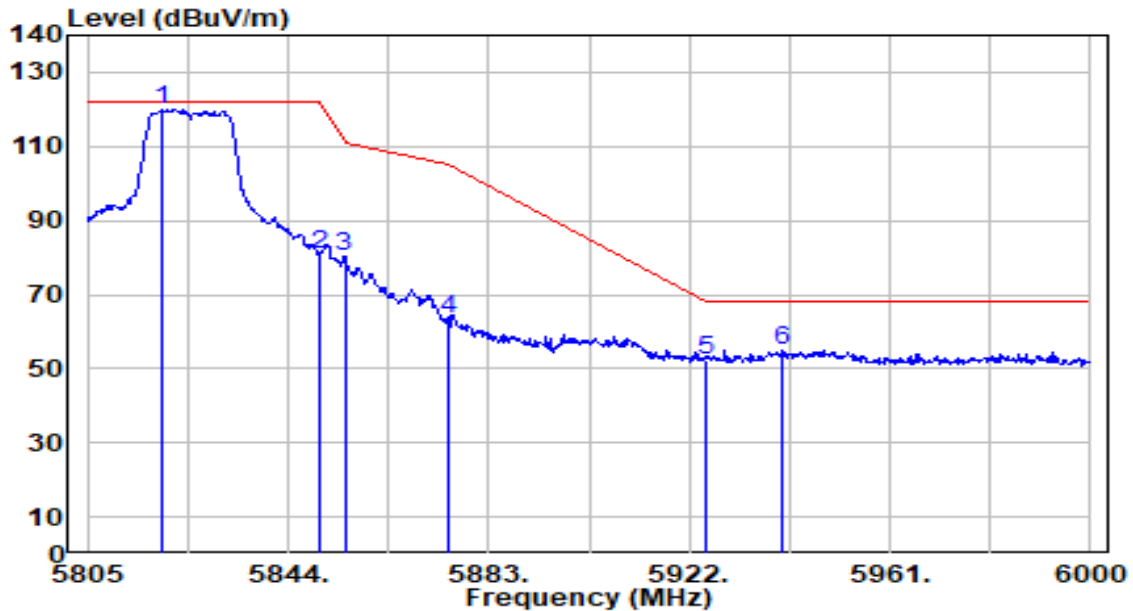


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5829.765	114.65	0.60	115.25	N/A	N/A	127	174	Peak
2	5850.000	76.90	0.58	77.49	-44.71	122.20	127	174	Peak
3	5855.000	75.81	0.58	76.40	-34.40	110.80	127	174	Peak
4	5875.000	59.55	0.57	60.12	-45.08	105.20	127	174	Peak
5	5925.000	53.35	0.53	53.88	-14.32	68.20	127	174	Peak
6	* 5971.725	53.64	0.49	54.14	-14.06	68.20	127	174	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

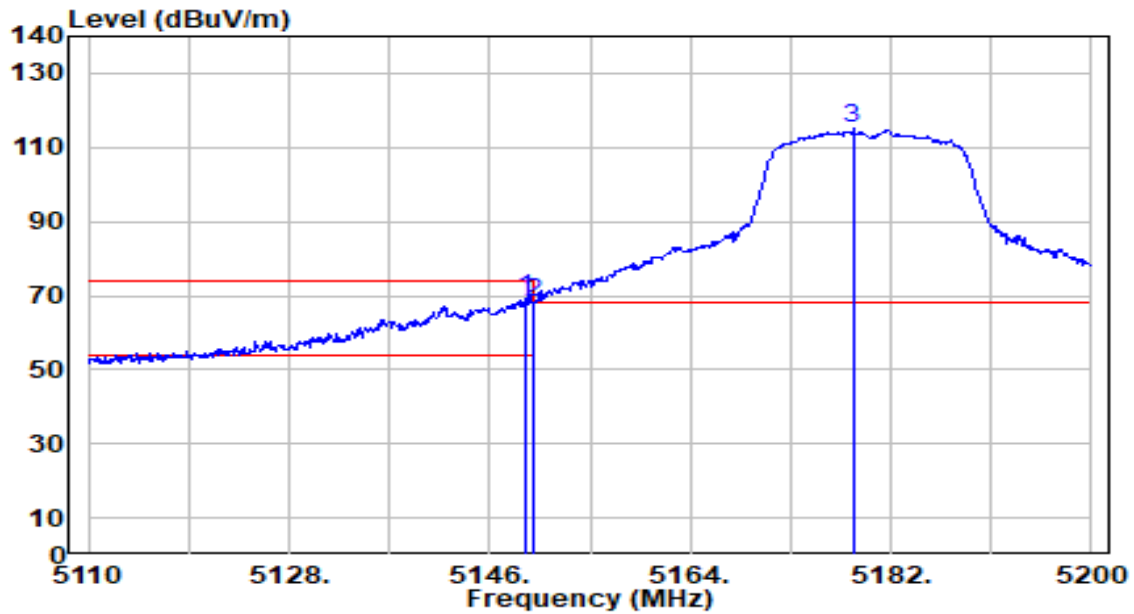


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5819.430	119.44	0.61	120.05	N/A	N/A	175	184	Peak
2	5850.000	80.42	0.58	81.00	-41.20	122.20	175	184	Peak
3	5855.000	79.48	0.58	80.06	-30.74	110.80	175	184	Peak
4	5875.000	62.61	0.57	63.17	-42.03	105.20	175	184	Peak
5	5925.000	51.96	0.53	52.49	-15.71	68.20	175	184	Peak
6	* 5939.940	54.65	0.52	55.16	-13.04	68.20	175	184	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

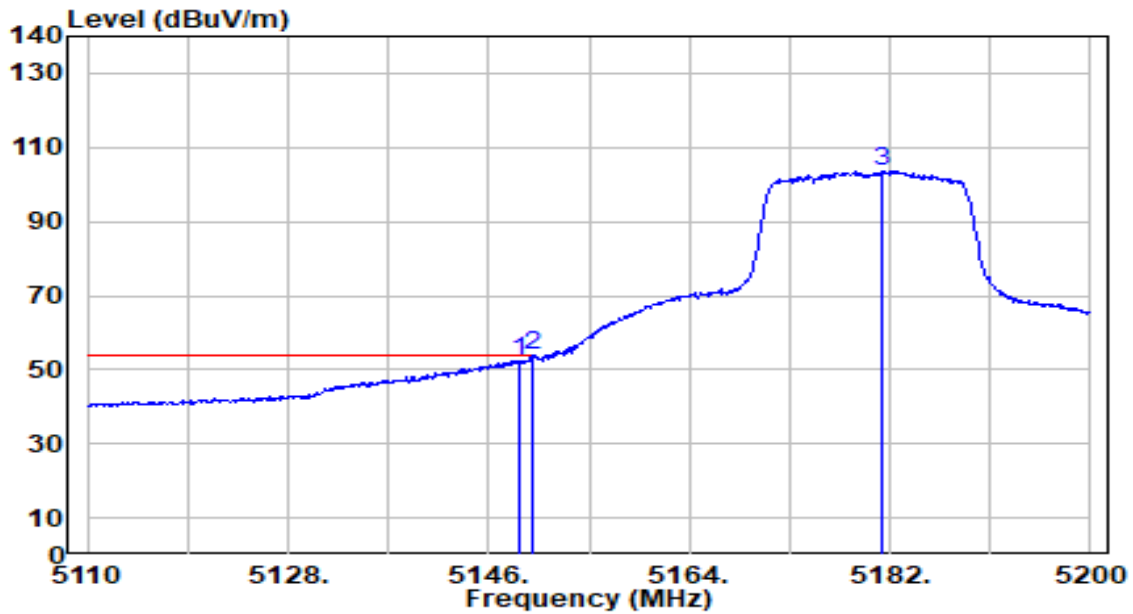


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	69.82	-0.72	69.11	-4.89	74.00	166	176	Peak
2		5150.000	68.80	-0.72	68.08	-5.92	74.00	166	176	Peak
3		5178.580	115.99	-0.73	115.26	N/A	N/A	166	176	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

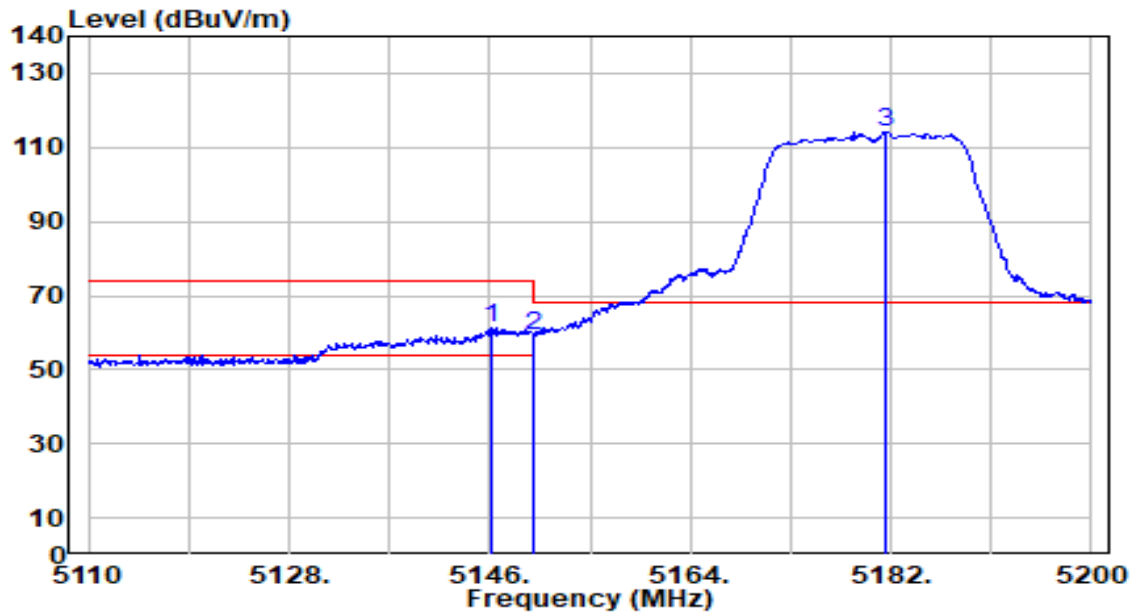


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.790	53.22	-0.72	52.51	-1.49	54.00	166	176	Average
2	*	5150.000	54.56	-0.72	53.84	-0.16	54.00	166	176	Average
3		5181.190	104.40	-0.73	103.67	N/A	N/A	166	176	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

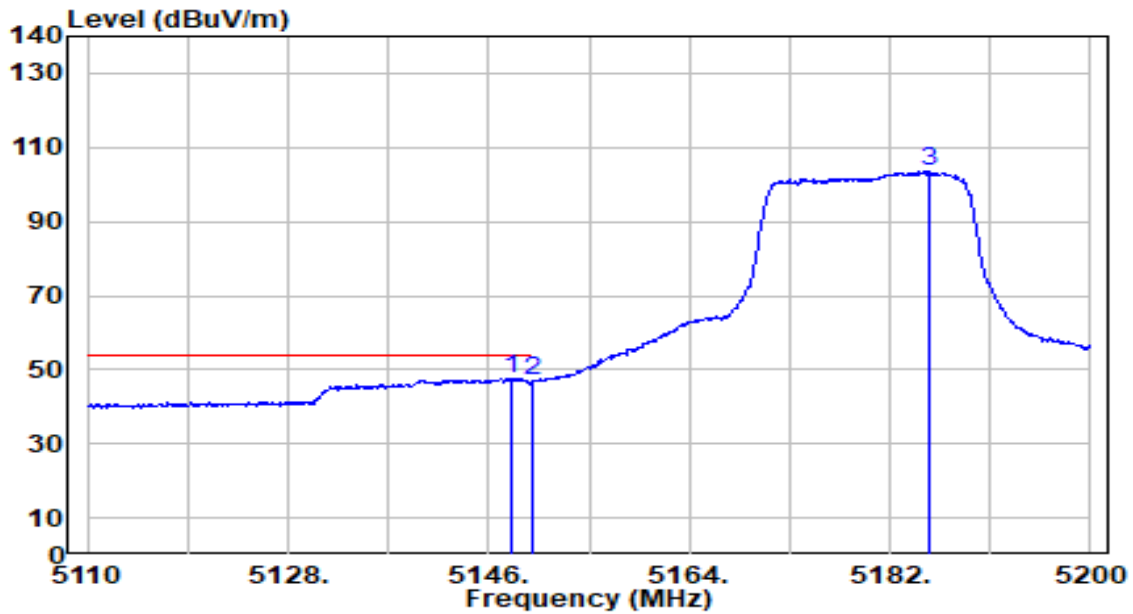


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.270	61.85	-0.72	61.13	-12.87	74.00	156	181	Peak
2		5150.000	59.71	-0.72	58.99	-15.01	74.00	156	181	Peak
3		5181.550	115.10	-0.73	114.37	N/A	N/A	156	181	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

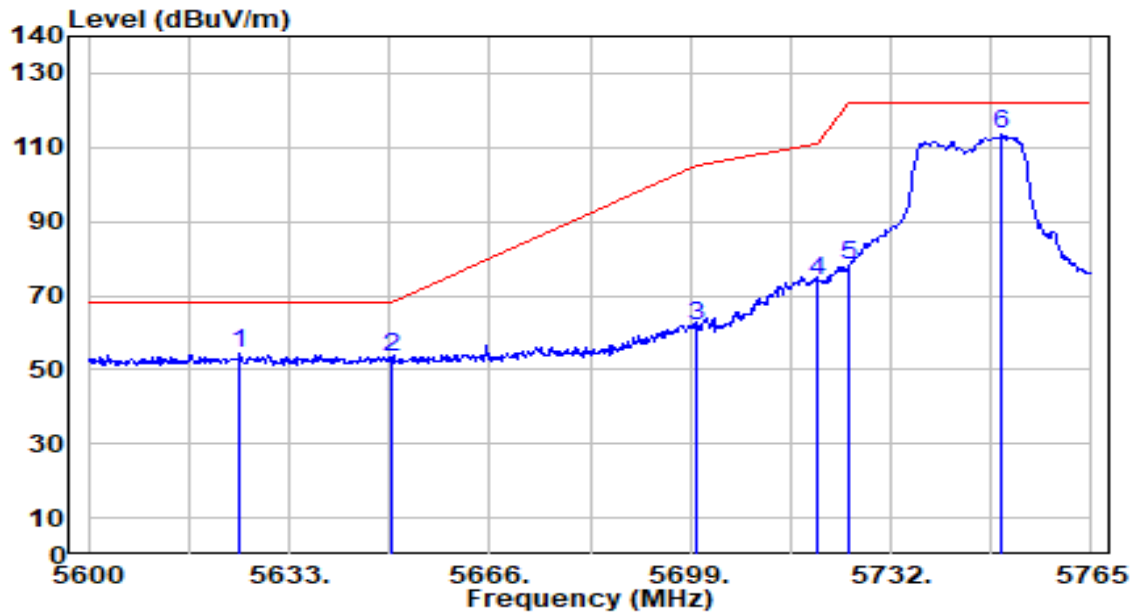


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.980	48.36	-0.72	47.65	-6.35	54.00	156	181	Average
2		5150.000	47.56	-0.72	46.84	-7.16	54.00	156	181	Average
3		5185.600	104.39	-0.74	103.65	N/A	N/A	156	181	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

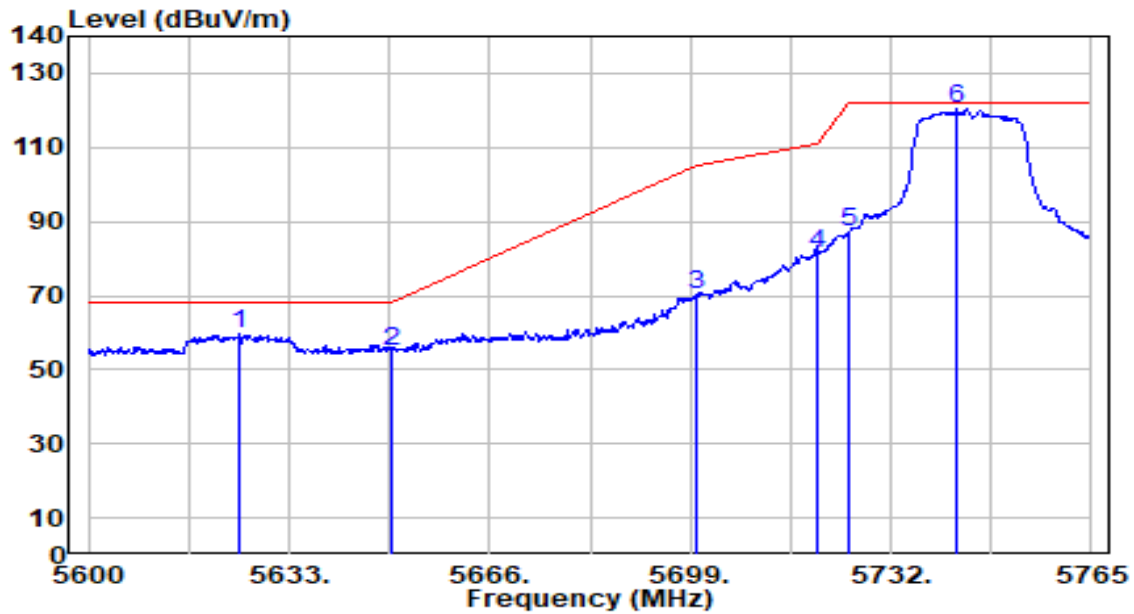


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.915	54.60	-0.30	54.30	-13.90	68.20	138	176	Peak
2		5650.000	53.29	-0.16	53.13	-15.07	68.20	138	176	Peak
3		5700.000	61.95	0.10	62.05	-43.15	105.20	138	176	Peak
4		5720.000	73.81	0.20	74.02	-36.78	110.80	138	176	Peak
5		5725.000	77.83	0.23	78.06	-44.14	122.20	138	176	Peak
6		5750.315	113.05	0.36	113.41	N/A	N/A	138	176	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

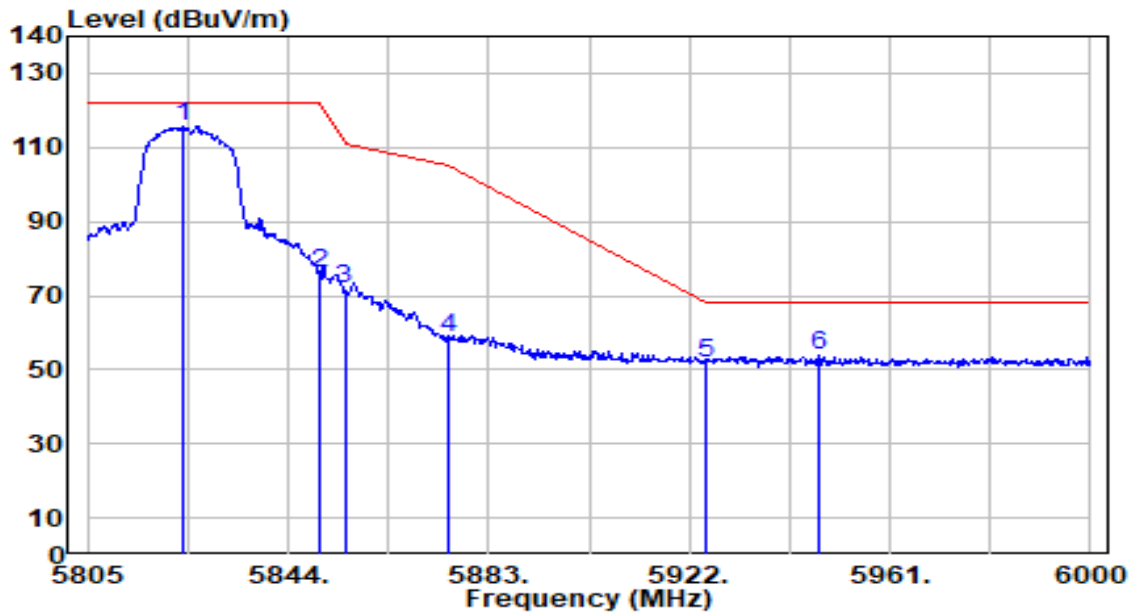


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.915	59.97	-0.30	59.67	-8.53	68.20	170	185	Peak
2		5650.000	55.00	-0.16	54.84	-13.36	68.20	170	185	Peak
3		5700.000	70.41	0.10	70.50	-34.70	105.20	170	185	Peak
4		5720.000	81.42	0.20	81.62	-29.18	110.80	170	185	Peak
5		5725.000	86.80	0.23	87.02	-35.18	122.20	170	185	Peak
6		5742.725	120.01	0.32	120.34	N/A	N/A	170	185	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

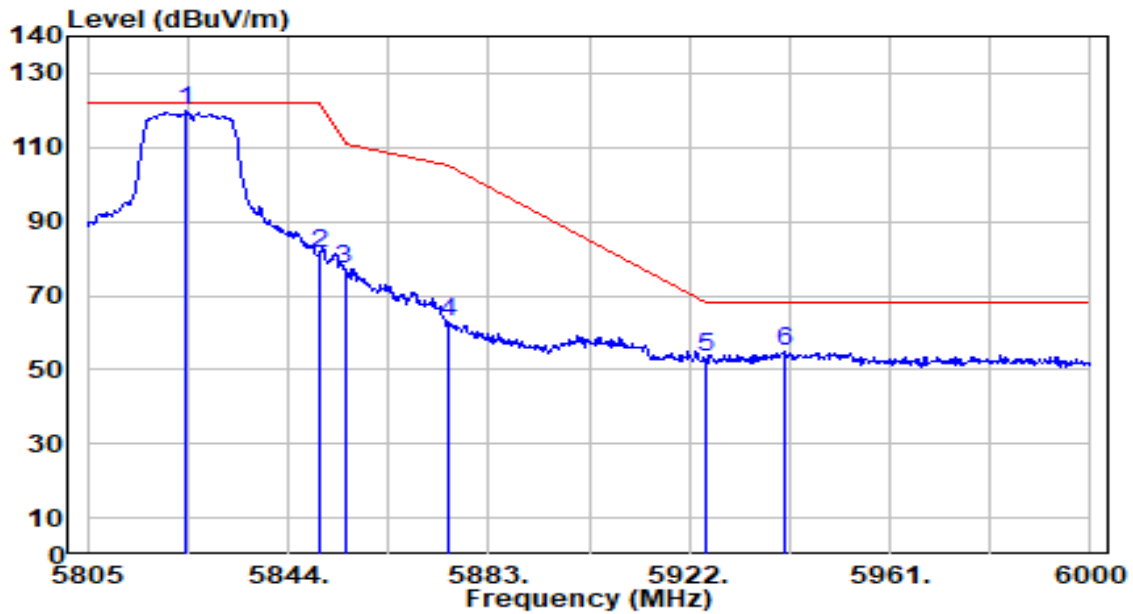


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5823.525	115.10	0.60	115.70	N/A	N/A	141	174	Peak
2	5850.000	75.65	0.58	76.24	-45.96	122.20	141	174	Peak
3	5855.000	71.04	0.58	71.62	-39.18	110.80	141	174	Peak
4	5875.000	58.19	0.57	58.76	-46.44	105.20	141	174	Peak
5	5925.000	51.29	0.53	51.82	-16.38	68.20	141	174	Peak
6	* 5947.350	53.13	0.51	53.64	-14.56	68.20	141	174	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

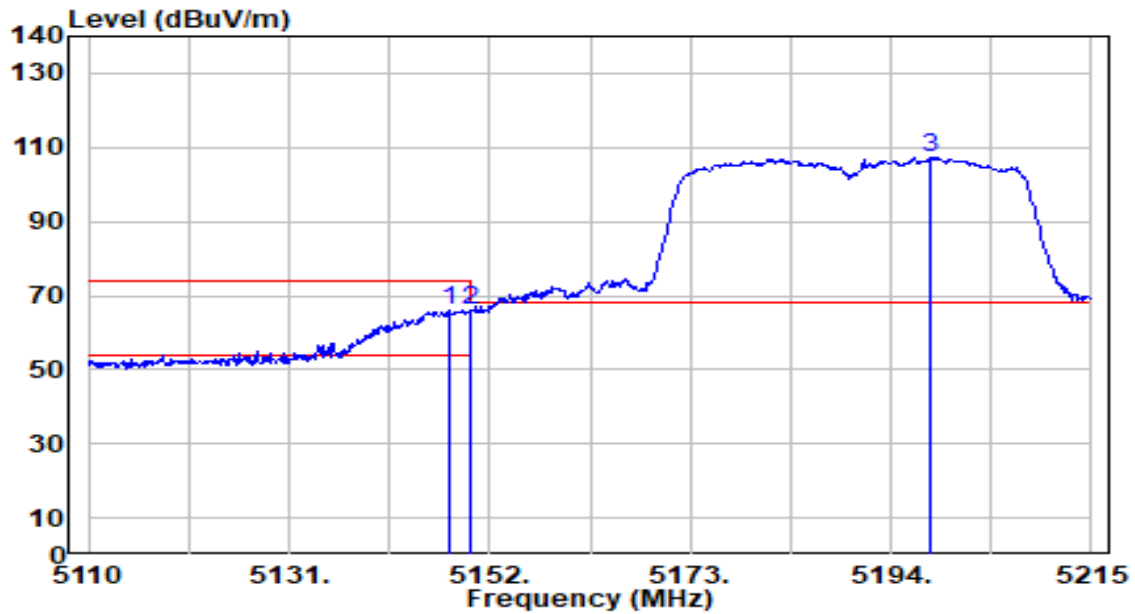


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5824.305	119.29	0.60	119.90	N/A	N/A	173	184	Peak
2	5850.000	80.69	0.58	81.27	-40.93	122.20	173	184	Peak
3	5855.000	76.43	0.58	77.01	-33.79	110.80	173	184	Peak
4	5875.000	62.30	0.57	62.87	-42.33	105.20	173	184	Peak
5	5925.000	52.65	0.53	53.18	-15.02	68.20	173	184	Peak
6	* 5940.330	54.28	0.52	54.79	-13.41	68.20	173	184	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

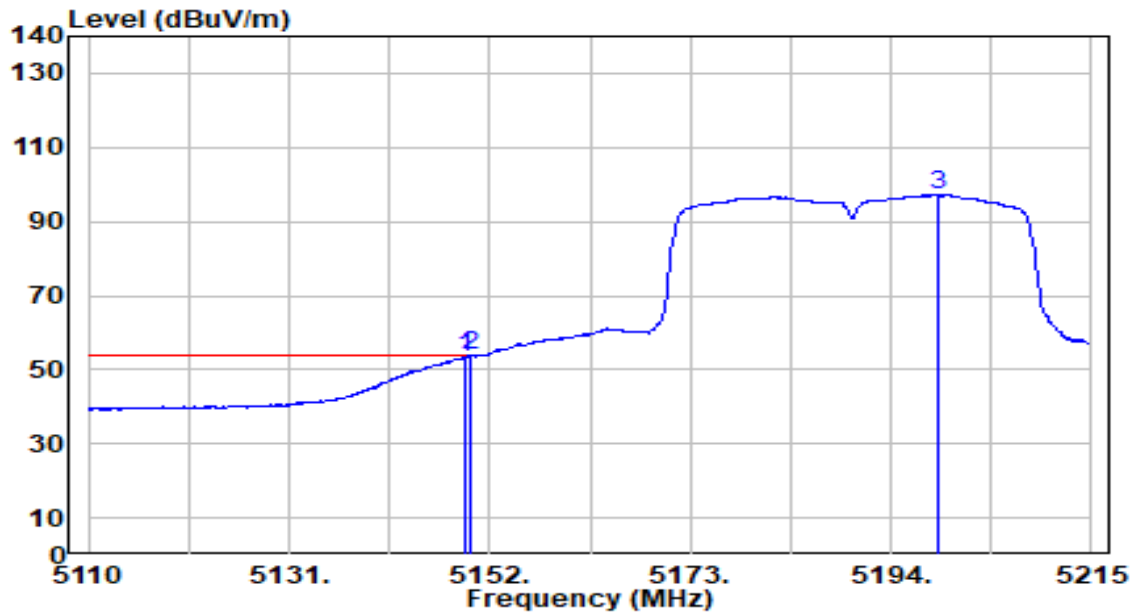


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.695	66.78	-0.72	66.07	-7.93	74.00	185	176	Peak
2		5150.000	66.64	-0.72	65.92	-8.08	74.00	185	176	Peak
3		5198.200	108.04	-0.74	107.29	N/A	N/A	185	176	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

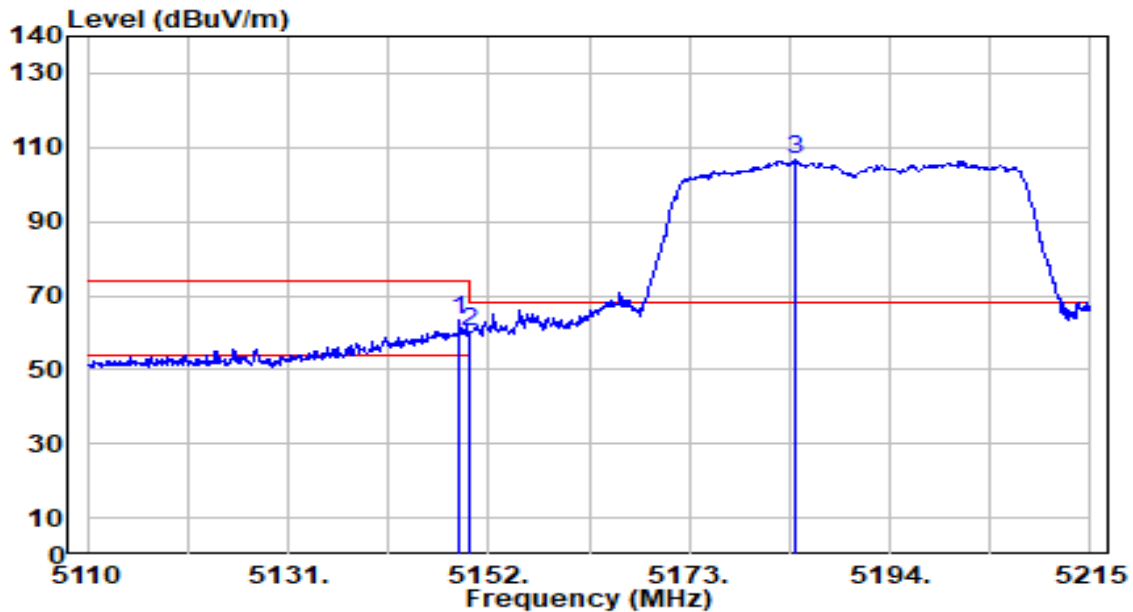


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.480	54.30	-0.72	53.58	-0.42	54.00	185	176	Average
2	*	5150.000	54.57	-0.72	53.85	-0.15	54.00	185	176	Average
3		5198.830	97.93	-0.74	97.19	N/A	N/A	185	176	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

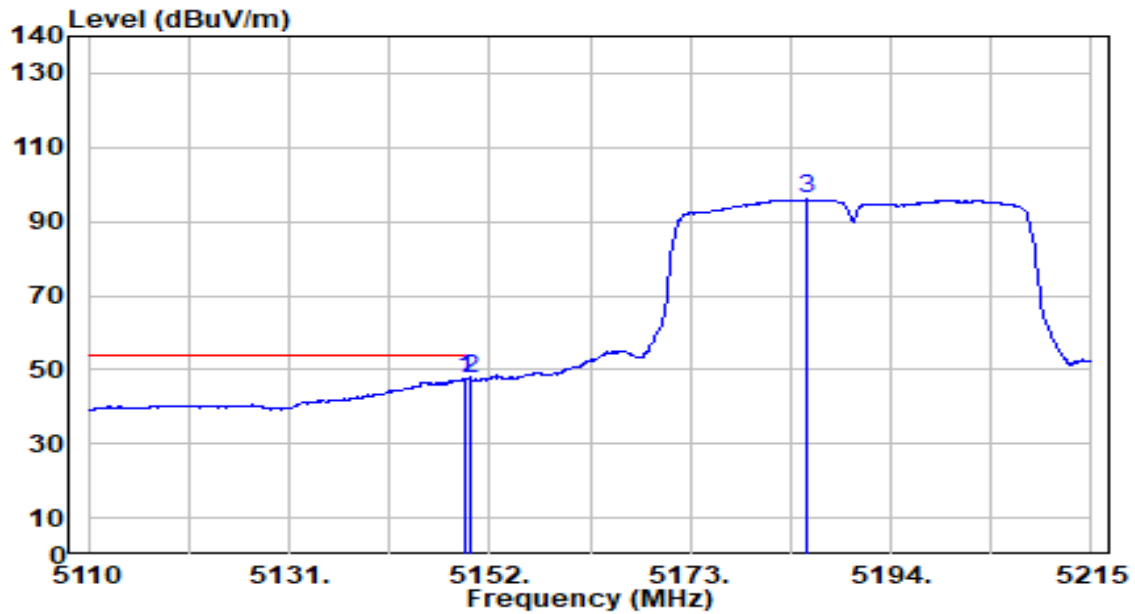


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.955	63.87	-0.72	63.15	-10.85	74.00	189	183	Peak
2		5150.000	61.10	-0.72	60.39	-13.61	74.00	189	183	Peak
3		5184.130	107.47	-0.74	106.73	N/A	N/A	189	183	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

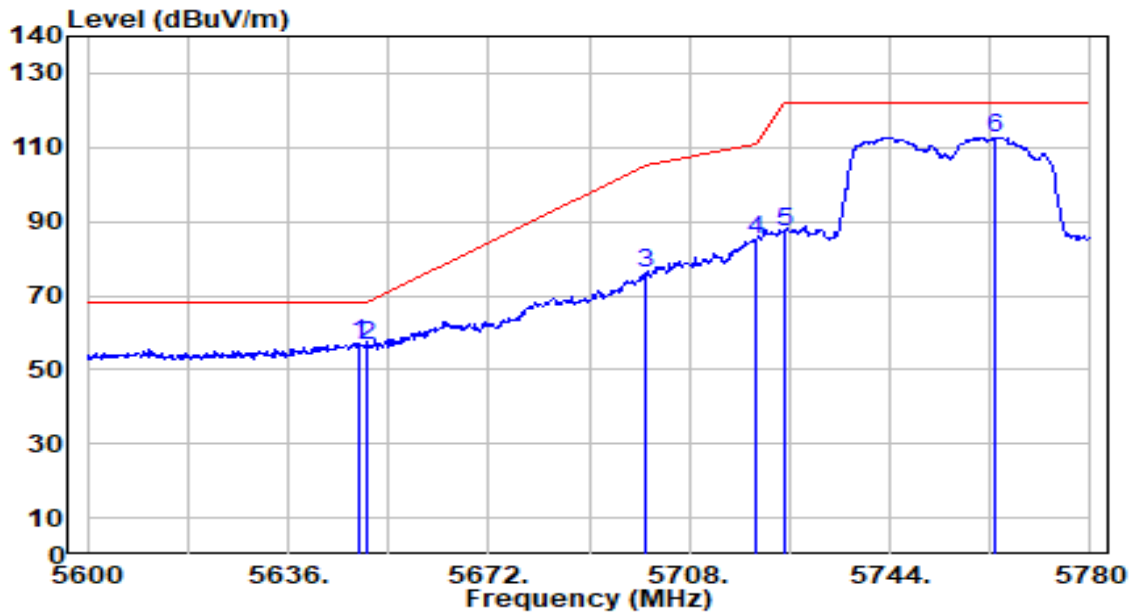


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.480	48.51	-0.72	47.80	-6.20	54.00	189	183	Average
2		5150.000	48.36	-0.72	47.64	-6.36	54.00	189	183	Average
3		5185.075	96.70	-0.74	95.96	N/A	N/A	189	183	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

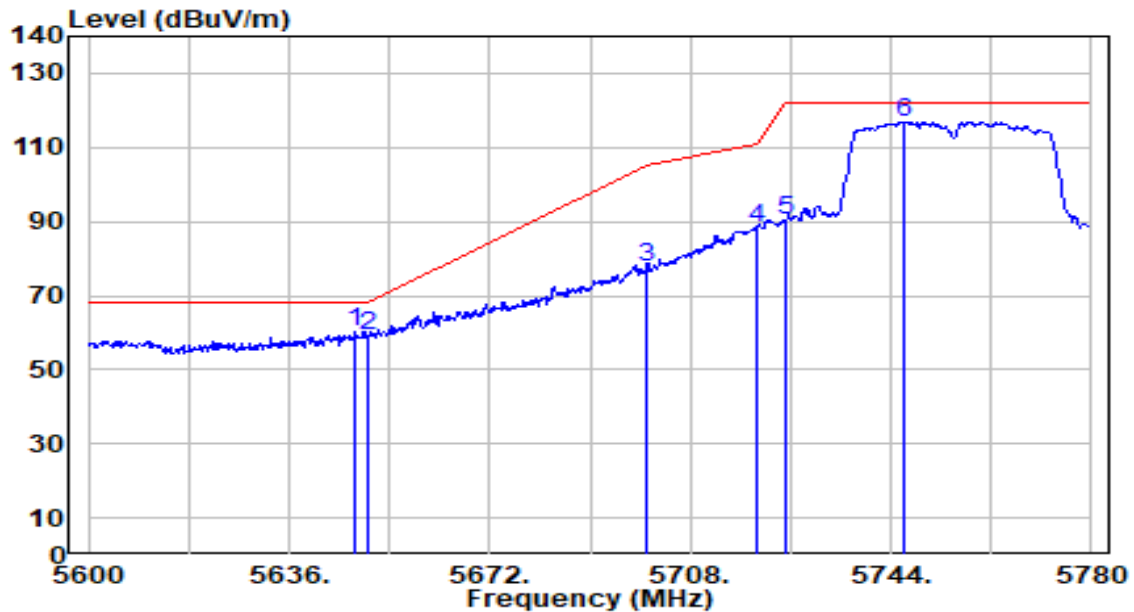


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.780	57.31	-0.17	57.14	-11.06	68.20	139	176	Peak
2		5650.000	56.64	-0.16	56.48	-11.72	68.20	139	176	Peak
3		5700.000	76.03	0.10	76.13	-29.07	105.20	139	176	Peak
4		5720.000	85.00	0.20	85.20	-25.60	110.80	139	176	Peak
5		5725.000	87.16	0.23	87.39	-34.81	122.20	139	176	Peak
6		5762.720	112.35	0.43	112.78	N/A	N/A	139	176	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

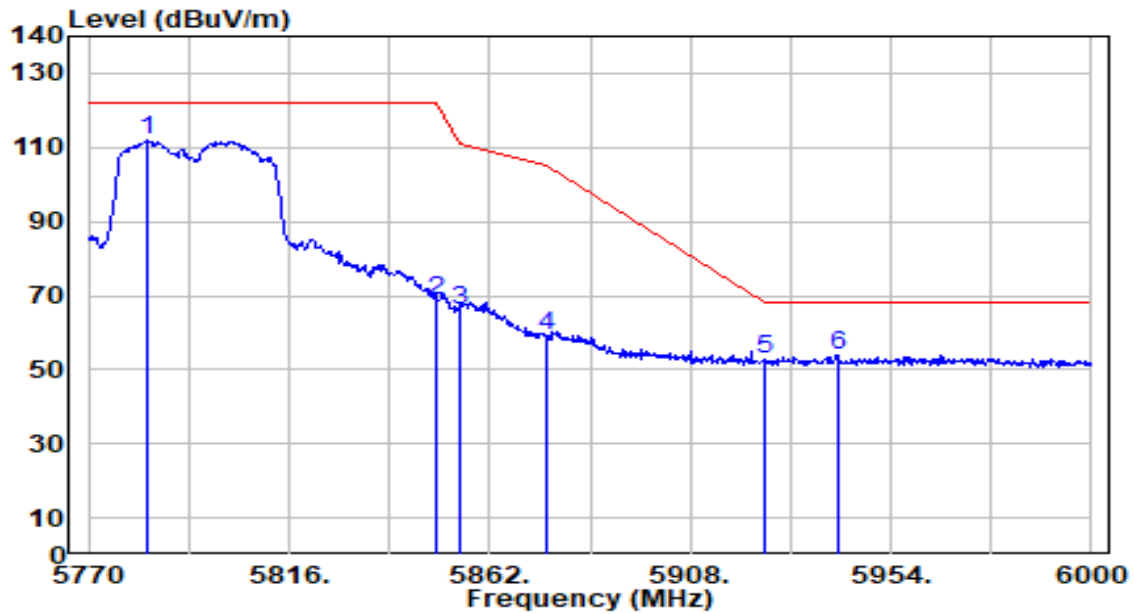


No		Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.880	60.19	-0.18	60.01	-8.19	68.20	184	185	Peak
2		5650.000	59.10	-0.16	58.94	-9.26	68.20	184	185	Peak
3		5700.000	77.59	0.10	77.69	-27.51	105.20	184	185	Peak
4		5720.000	88.12	0.20	88.32	-22.48	110.80	184	185	Peak
5		5725.000	89.92	0.23	90.14	-32.06	122.20	184	185	Peak
6		5746.520	116.67	0.34	117.01	N/A	N/A	184	185	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

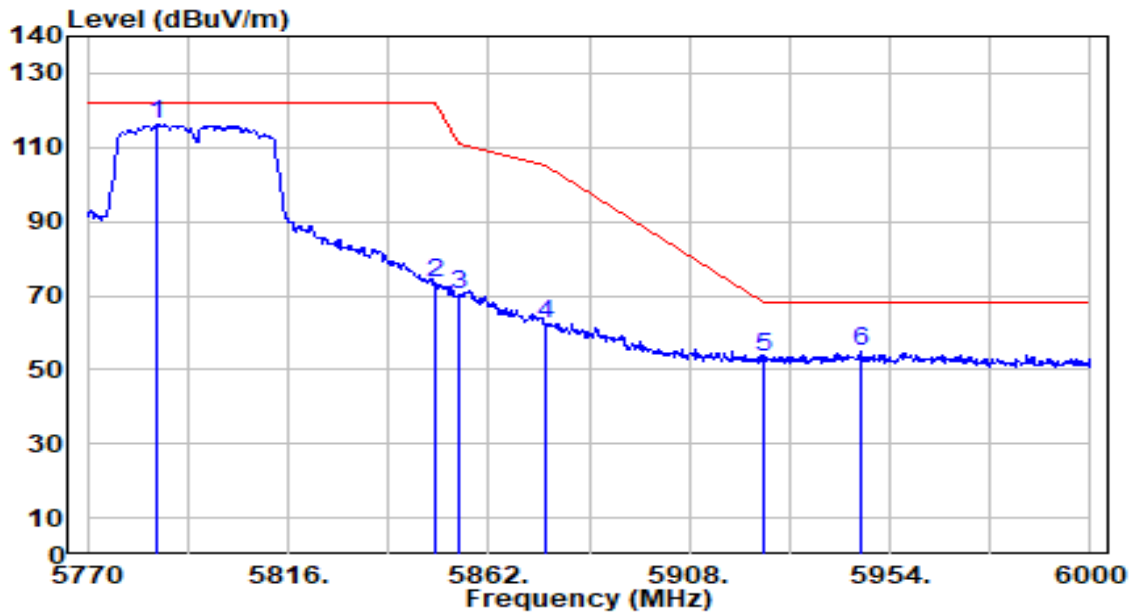


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5783.570	111.20	0.54	111.74	N/A	N/A	141	174	Peak
2	5850.000	68.26	0.58	68.84	-53.36	122.20	141	174	Peak
3	5855.000	65.61	0.58	66.19	-44.61	110.80	141	174	Peak
4	5875.000	58.50	0.57	59.07	-46.13	105.20	141	174	Peak
5	5925.000	52.19	0.53	52.72	-15.48	68.20	141	174	Peak
6	* 5941.810	53.47	0.51	53.98	-14.22	68.20	141	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

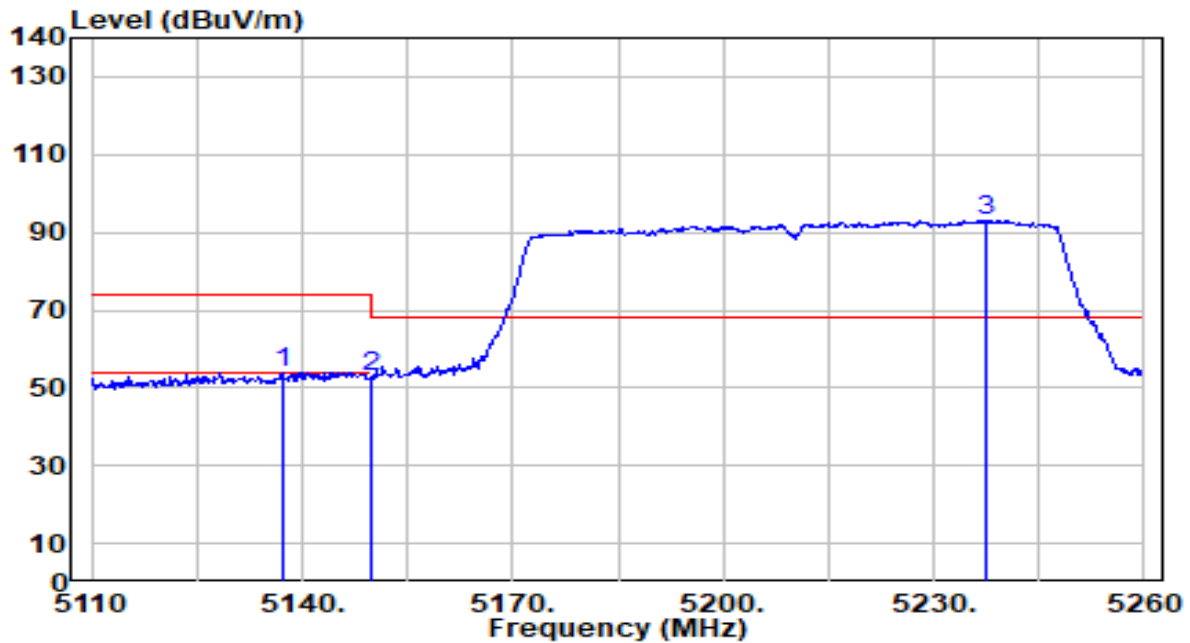


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5786.100	115.58	0.55	116.13	N/A	N/A	170	184	Peak
2	5850.000	72.81	0.58	73.40	-48.80	122.20	170	184	Peak
3	5855.000	69.76	0.58	70.34	-40.46	110.80	170	184	Peak
4	5875.000	62.00	0.57	62.57	-42.63	105.20	170	184	Peak
5	5925.000	52.68	0.53	53.21	-14.99	68.20	170	184	Peak
6	* 5947.100	54.43	0.51	54.94	-13.26	68.20	170	184	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

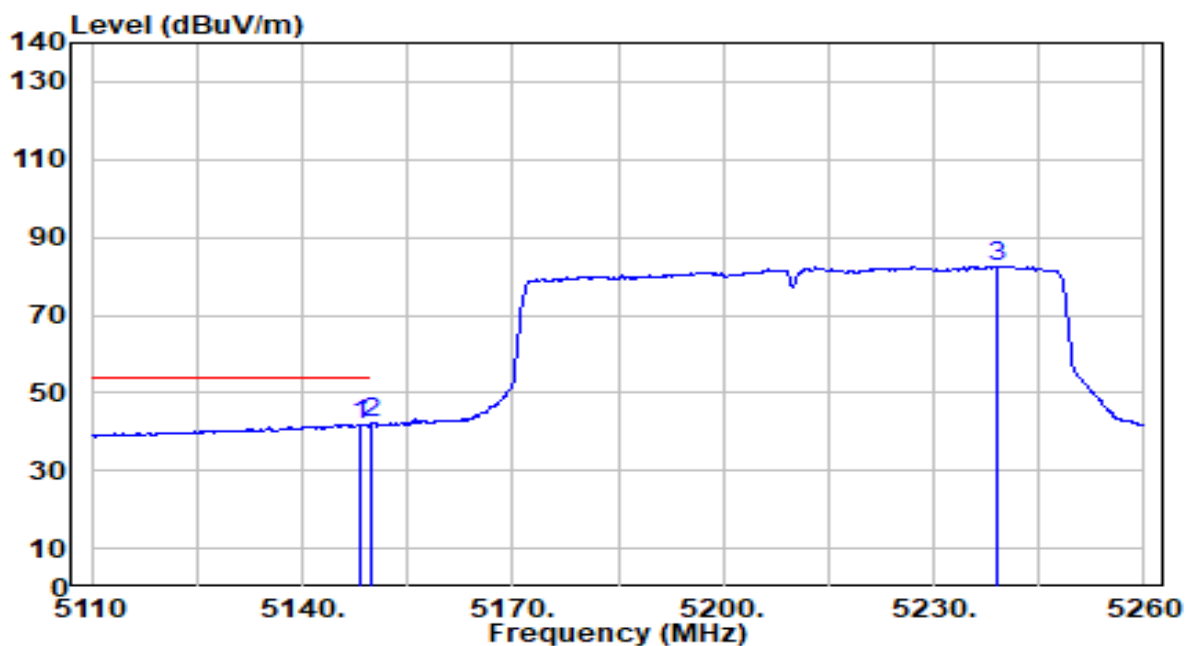


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5137.300	54.84	-0.71	54.12	-19.88	74.00	273	222	Peak
2		5150.000	53.59	-0.72	52.87	-21.13	74.00	273	222	Peak
3		5237.500	93.97	-0.80	93.16	N/A	N/A	273	222	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

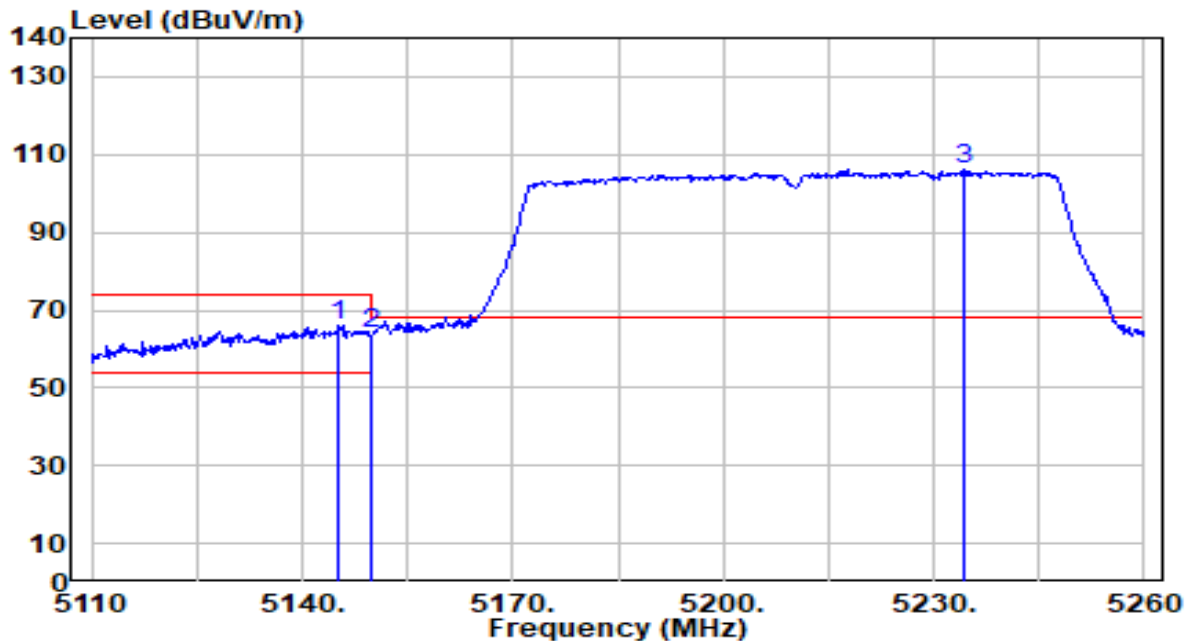


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.400	42.55	-0.72	41.83	-12.17	54.00	273	222	Average
2	*	5150.000	42.75	-0.72	42.03	-11.97	54.00	273	222	Average
3		5239.000	83.45	-0.80	82.65	N/A	N/A	273	222	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

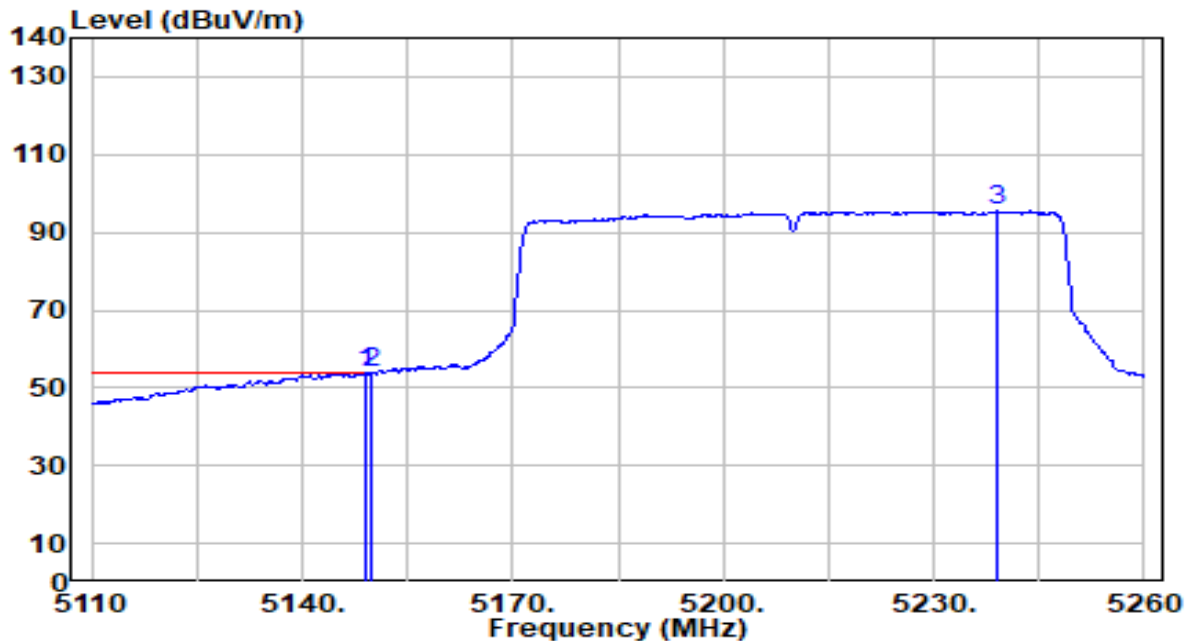


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5145.100	66.77	-0.72	66.05	-7.95	74.00	200	187	Peak
2		5150.000	64.81	-0.72	64.10	-9.90	74.00	200	187	Peak
3		5234.200	106.88	-0.80	106.09	N/A	N/A	200	187	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

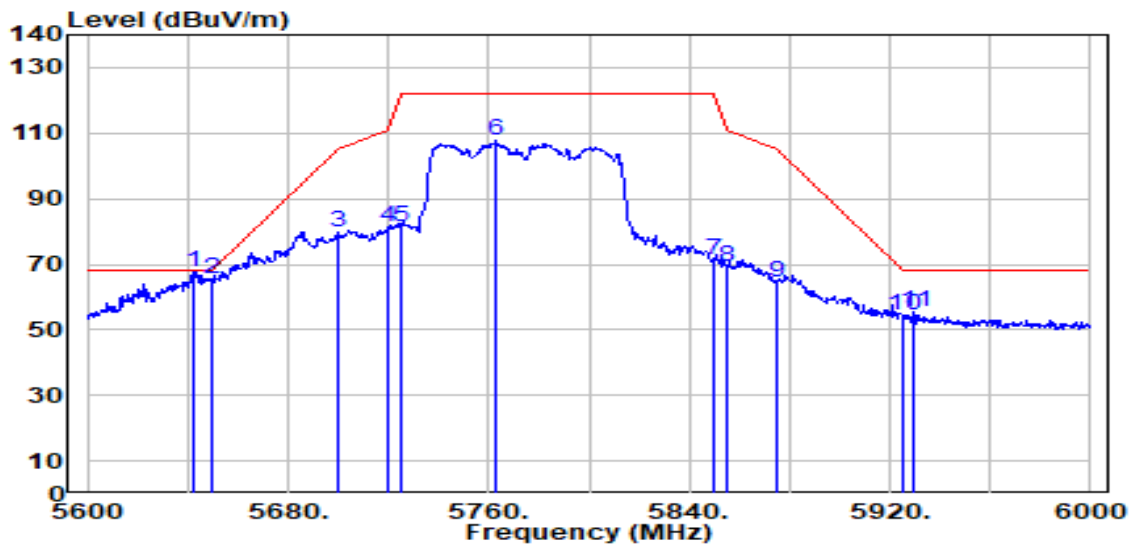


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.150	54.38	-0.72	53.67	-0.33	54.00	200	187	Average
2	*	5150.000	54.55	-0.72	53.83	-0.17	54.00	200	187	Average
3		5239.150	96.21	-0.80	95.41	N/A	N/A	200	187	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

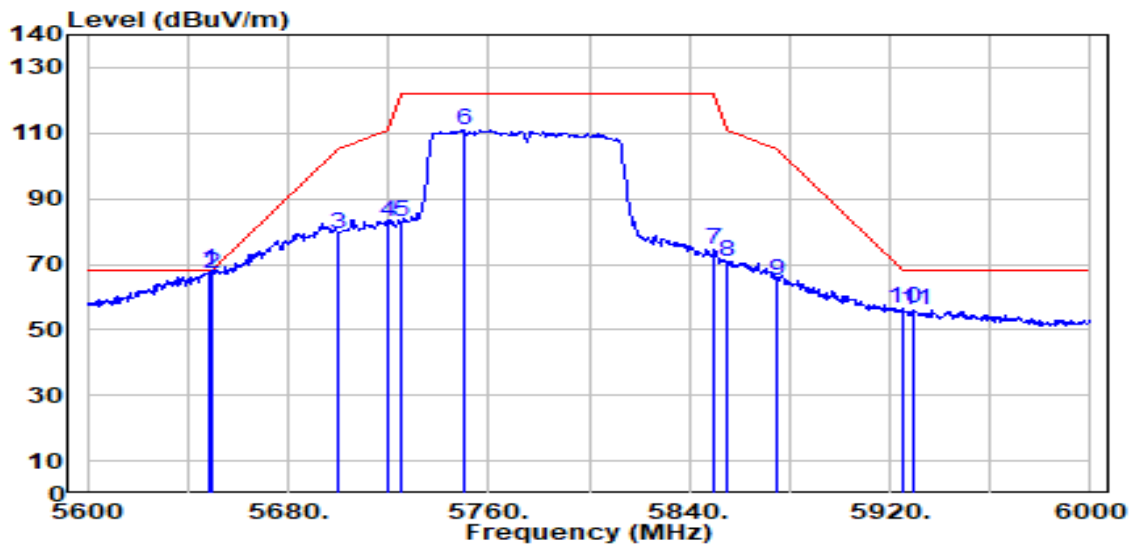


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.800	67.95	-0.20	67.75	-0.45	68.20	132	174	Peak
2		5650.000	65.60	-0.16	65.44	-2.76	68.20	132	174	Peak
3		5700.000	79.89	0.10	79.99	-25.21	105.20	132	174	Peak
4		5720.000	80.98	0.20	81.18	-29.62	110.80	132	174	Peak
5		5725.000	81.30	0.23	81.52	-40.68	122.20	132	174	Peak
6		5763.200	107.32	0.43	107.75	N/A	N/A	132	174	Peak
7		5850.000	70.81	0.58	71.39	-50.81	122.20	132	174	Peak
8		5855.000	68.88	0.58	69.46	-41.34	110.80	132	174	Peak
9		5875.000	63.98	0.57	64.55	-40.65	105.20	132	174	Peak
10		5925.000	53.73	0.53	54.26	-13.94	68.20	132	174	Peak
11		5929.600	55.21	0.52	55.73	-12.47	68.20	132	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) + 10dB 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	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-10-21
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Marvin
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_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	*	5648.400	68.21	-0.17	68.04	-0.16	68.20	175	184	Peak
2		5650.000	67.03	-0.16	66.87	-1.33	68.20	175	184	Peak
3		5700.000	79.00	0.10	79.09	-26.11	105.20	175	184	Peak
4		5720.000	82.70	0.20	82.90	-27.90	110.80	175	184	Peak
5		5725.000	82.96	0.23	83.19	-39.01	122.20	175	184	Peak
6		5750.400	110.47	0.36	110.83	N/A	N/A	175	184	Peak
7		5850.000	73.87	0.58	74.45	-47.75	122.20	175	184	Peak
8		5855.000	70.07	0.58	70.65	-40.15	110.80	175	184	Peak
9		5875.000	64.68	0.57	65.24	-39.96	105.20	175	184	Peak
10		5925.000	56.17	0.53	56.70	-11.50	68.20	175	184	Peak
11		5929.600	55.65	0.52	56.18	-12.02	68.20	175	184	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) + 10dB 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.

7.8. AC Conducted Emissions Measurement

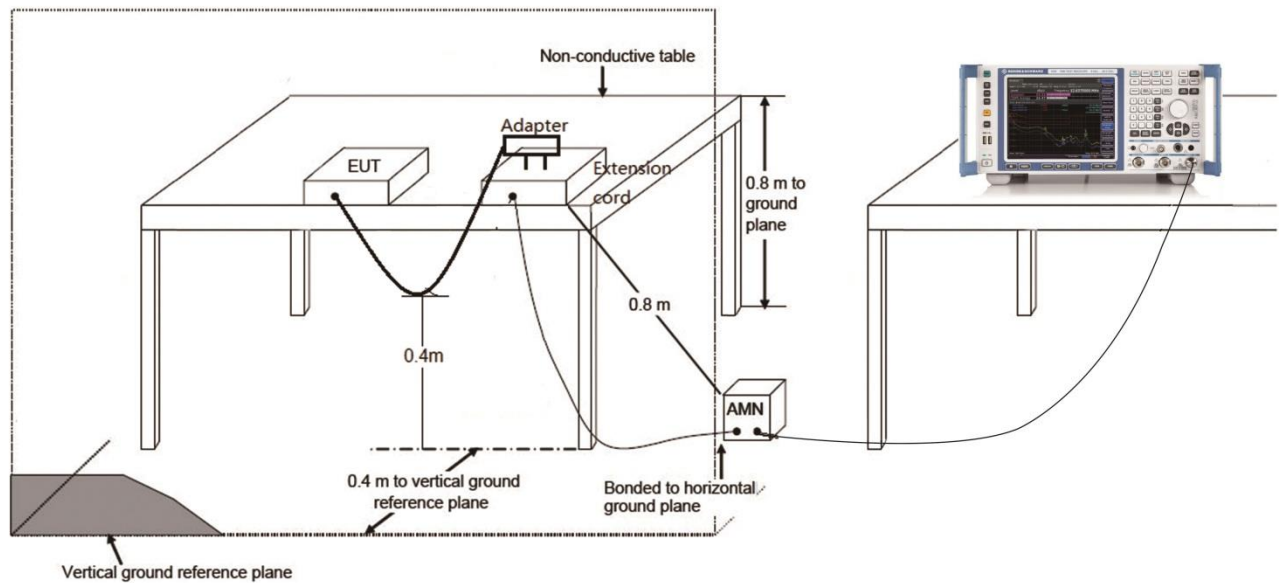
7.8.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

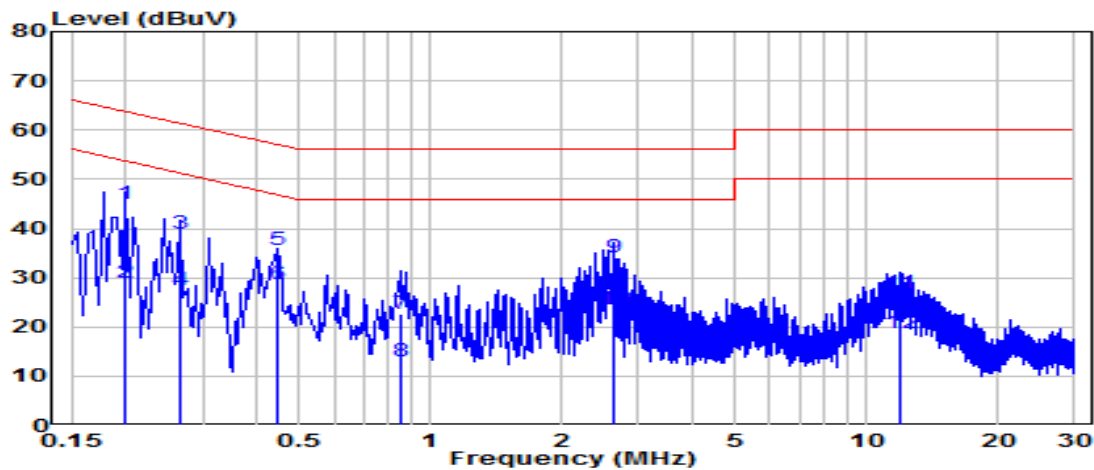
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-07
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C /47%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

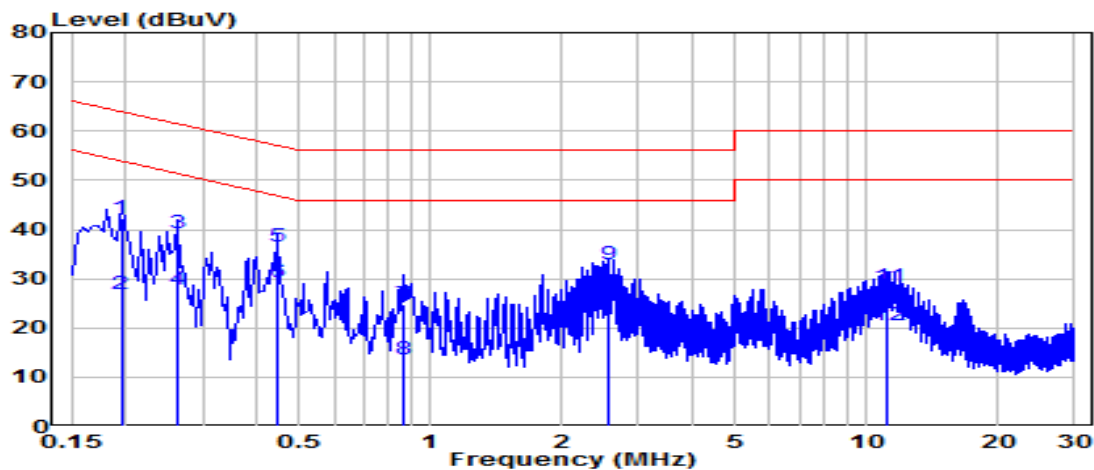


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV)	Margin (dB)	Limit (dBUV)	Remark (QP/PK/AV)
1	0.199	35.32	9.62	44.95	-18.69	63.63	QP
2	0.199	19.29	9.62	28.91	-24.72	53.63	Average
3	0.267	29.36	9.63	38.99	-22.22	61.21	QP
4	0.267	17.86	9.63	27.49	-23.72	51.21	Average
5	* 0.447	25.92	9.64	35.56	-21.38	56.93	QP
6	* 0.447	19.10	9.64	28.74	-18.19	46.93	Average
7	0.852	13.06	9.66	22.73	-33.27	56.00	QP
8	0.852	3.44	9.66	13.10	-32.90	46.00	Average
9	2.638	24.29	9.70	34.00	-22.00	56.00	QP
10	2.638	13.81	9.70	23.52	-22.48	46.00	Average
11	11.948	16.87	9.87	26.75	-33.25	60.00	QP
12	11.948	8.74	9.87	18.61	-31.39	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBUV) = Reading(dBUV) + C.F (Correction Factor).

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-07
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /47%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

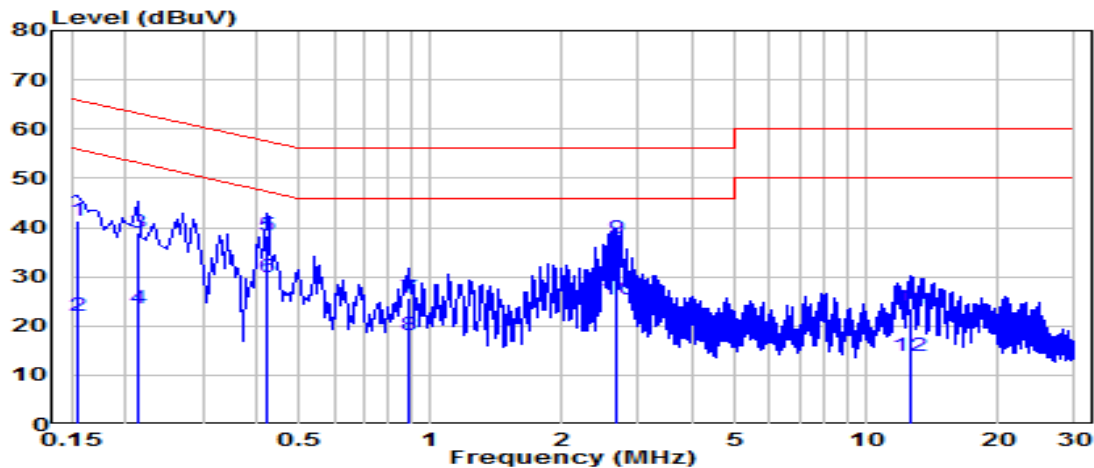


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.195	32.62	9.62	42.24	-21.58	63.82	QP
2	0.195	17.12	9.62	26.74	-27.08	53.82	Average
3	0.262	29.59	9.63	39.21	-22.14	61.35	QP
4	0.262	18.04	9.63	27.67	-23.68	51.35	Average
5	* 0.442	26.99	9.64	36.63	-20.39	57.02	QP
6	* 0.442	19.61	9.64	29.25	-17.77	47.02	Average
7	0.865	15.21	9.66	24.87	-31.13	56.00	QP
8	0.865	4.06	9.66	13.72	-32.28	46.00	Average
9	2.571	23.25	9.70	32.95	-23.05	56.00	QP
10	2.571	14.92	9.70	24.62	-21.38	46.00	Average
11	11.174	18.55	9.88	28.43	-31.57	60.00	QP
12	11.174	10.59	9.88	20.47	-29.53	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-07
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.2°C /47%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz

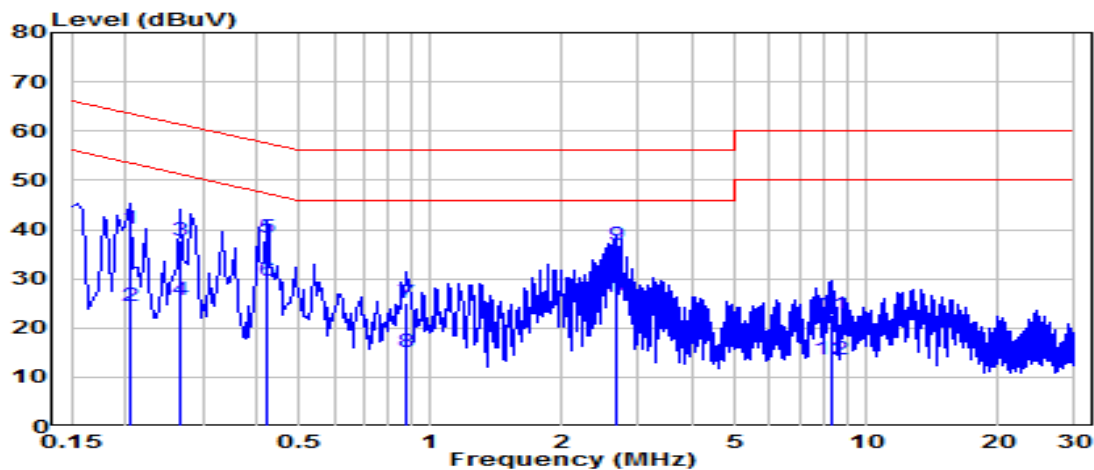


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.154	31.78	9.62	41.40	-24.36	65.75	QP
2	0.154	12.55	9.62	22.17	-33.59	55.75	Average
3	0.213	29.34	9.62	38.97	-24.12	63.09	QP
4	0.213	14.07	9.62	23.70	-29.39	53.09	Average
5	* 0.420	28.67	9.64	38.30	-19.14	57.45	QP
6	* 0.420	20.28	9.64	29.92	-17.53	47.45	Average
7	0.892	15.89	9.66	25.55	-30.45	56.00	QP
8	0.892	8.60	9.66	18.26	-27.74	46.00	Average
9	2.683	28.01	9.70	37.72	-18.28	56.00	QP
10	2.683	15.73	9.70	25.43	-20.57	46.00	Average
11	12.537	13.74	9.88	23.62	-36.38	60.00	QP
12	12.537	3.89	9.88	13.76	-36.24	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	5GHz 867Mbps Long-range Indoor/Outdoor Access Point	Date of Test	2023-11-07
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.2°C /47%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.204	30.65	9.62	40.27	-23.17	63.45	QP
2	0.204	14.83	9.62	24.46	-28.99	53.45	Average
3	0.267	28.03	9.63	37.65	-23.56	61.21	QP
4	0.267	16.02	9.63	25.65	-25.56	51.21	Average
5	* 0.420	28.66	9.64	38.30	-19.15	57.45	QP
6	* 0.420	19.93	9.64	29.57	-17.88	47.45	Average
7	0.874	15.48	9.66	25.15	-30.85	56.00	QP
8	0.874	5.50	9.66	15.16	-30.84	46.00	Average
9	2.683	27.06	9.70	36.76	-19.24	56.00	QP
10	2.683	16.43	9.70	26.13	-19.87	46.00	Average
11	8.272	12.91	9.83	22.74	-37.26	60.00	QP
12	8.272	3.69	9.83	13.52	-36.48	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

Appendix A : Test Setup Photograph

Refer to “2310TW0110-UT” file.

Appendix B : EUT Photograph

Refer to “2310TW0110-UE” file.

Appendix C : Internal Photograph

Refer to “2310TW0110-UI” file.

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