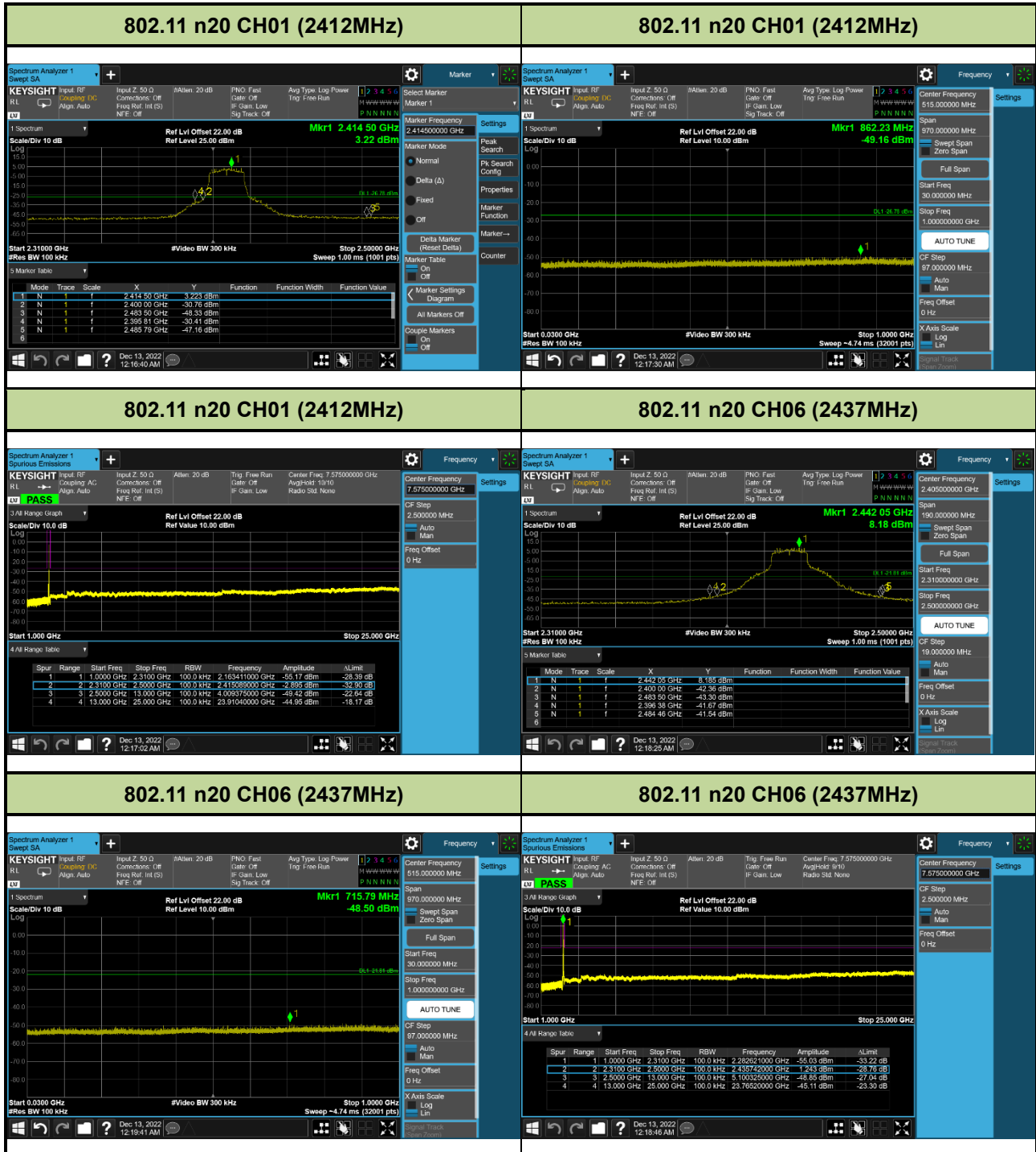
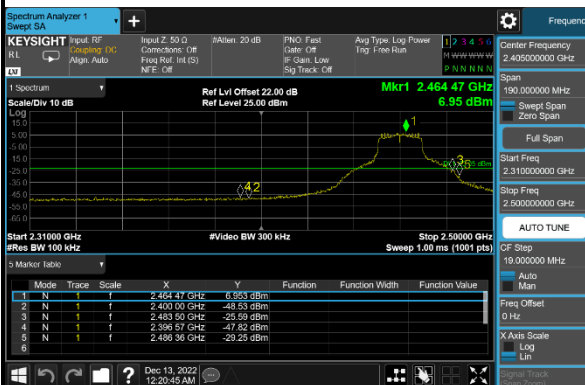
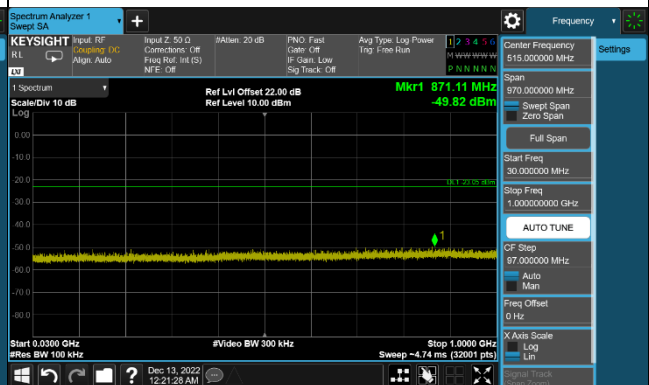




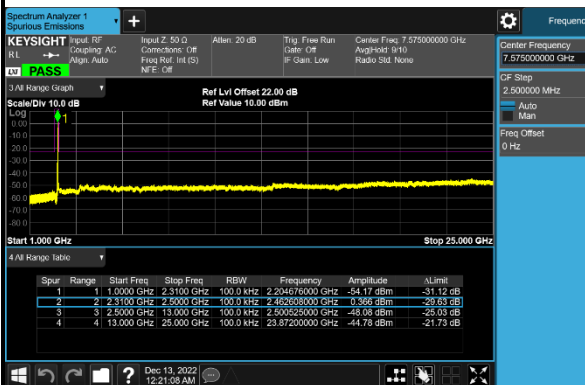
802.11 n20 CH11 (2462MHz)



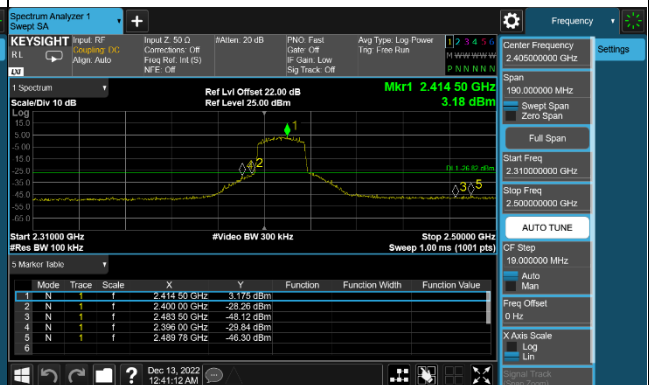
802.11 n20 CH11 (2462MHz)



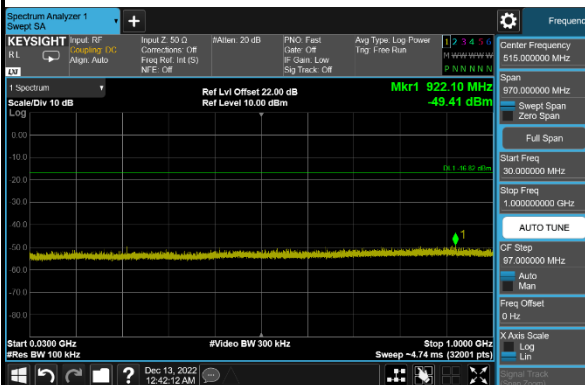
802.11 n20 CH11 (2462MHz)



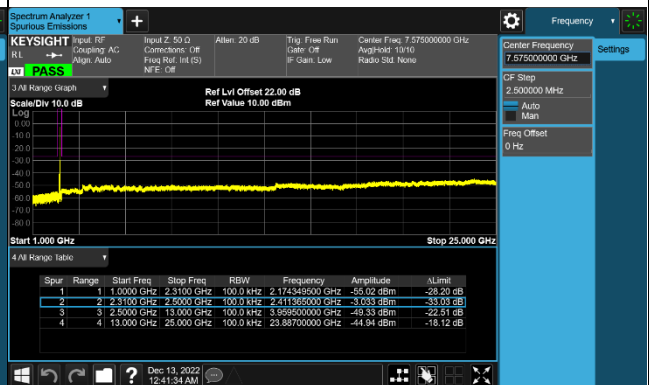
802.11 ax20 CH01 (2412MHz)



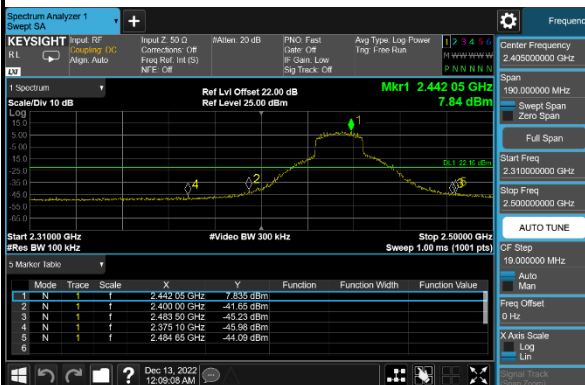
802.11 ax20 CH01 (2412MHz)



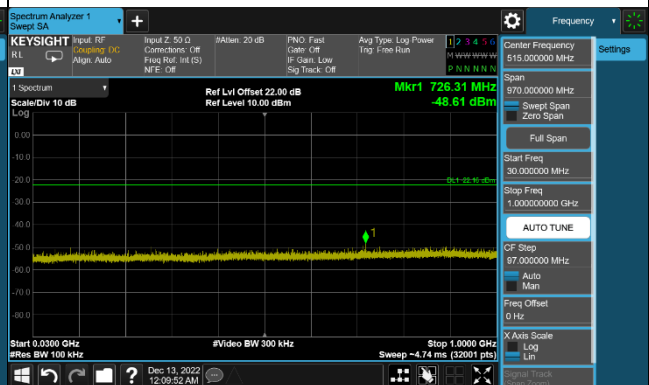
802.11 ax20 CH01 (2412MHz)



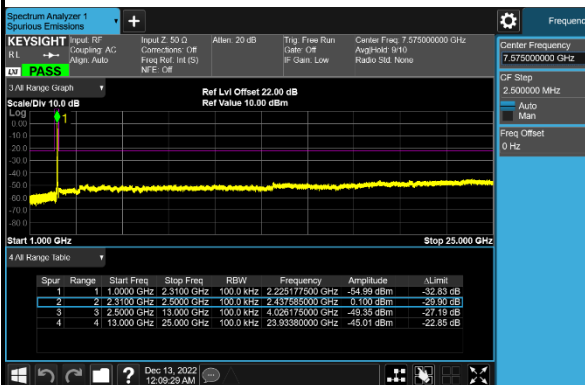
802.11 ax20 CH06 (2437MHz)



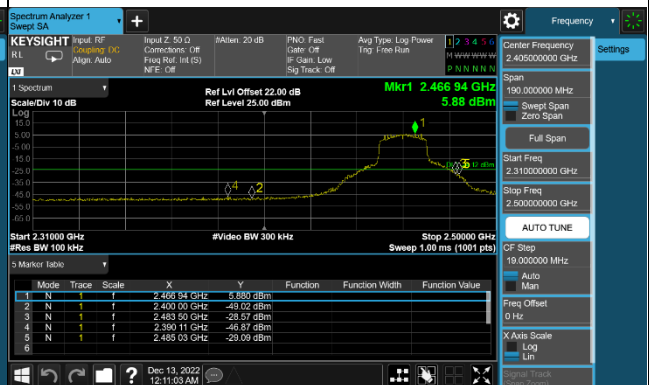
802.11 ax20 CH06 (2437MHz)



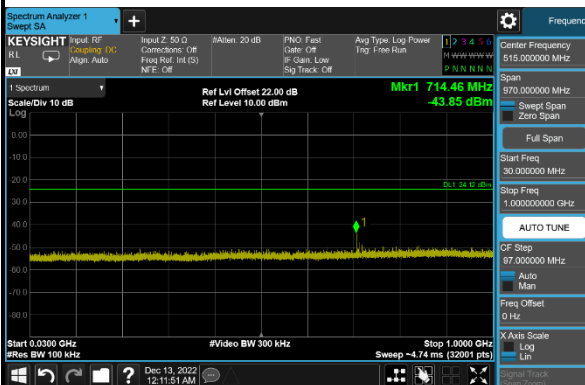
802.11 ax20 CH06 (2437MHz)



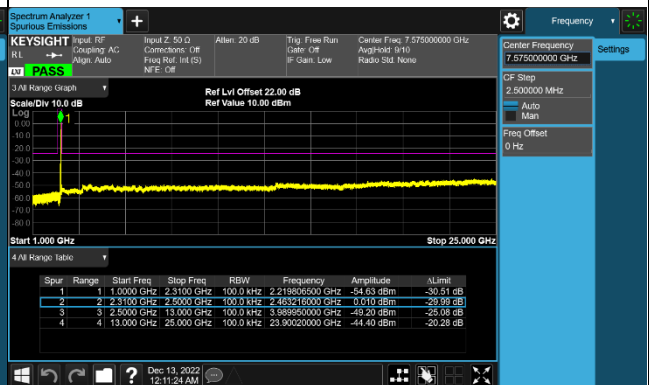
802.11 ax20 CH11 (2462MHz)



802.11 ax20 CH11 (2462MHz)

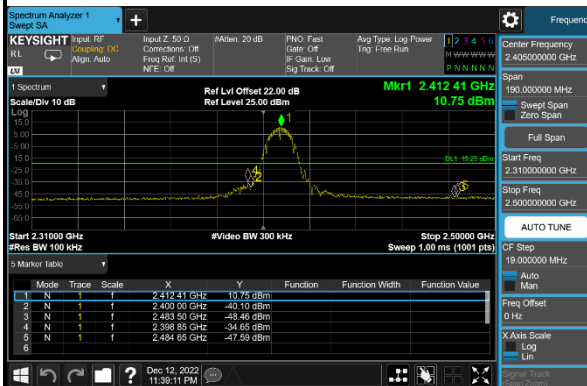


802.11 ax20 CH11 (2462MHz)

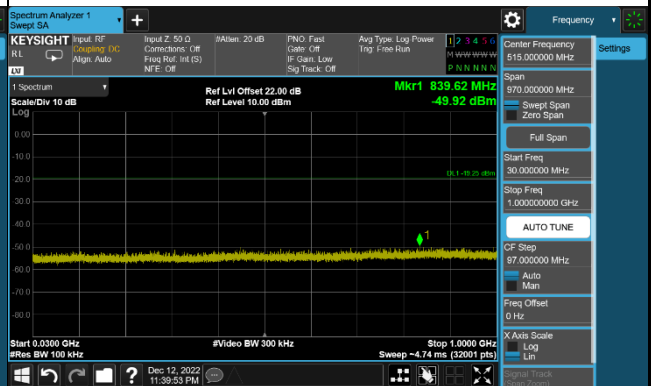


Antenna 1

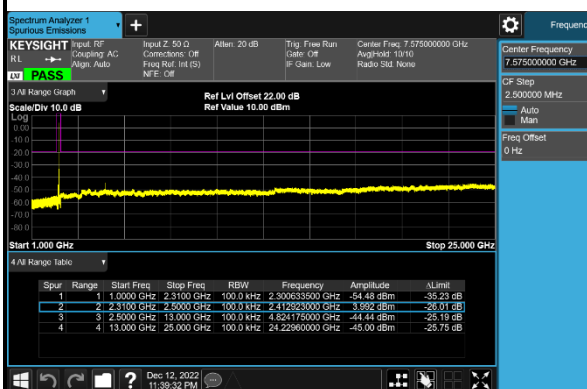
802.11 b CH01 (2412MHz)



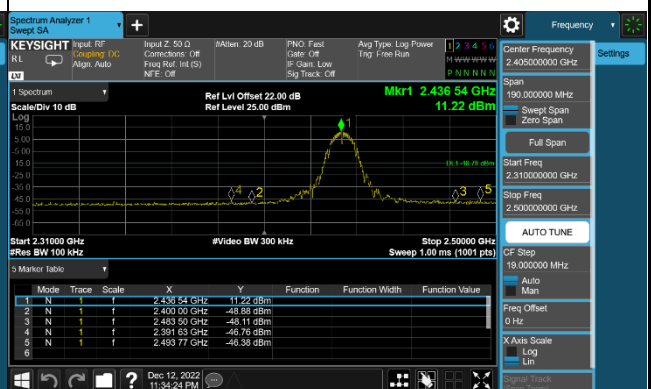
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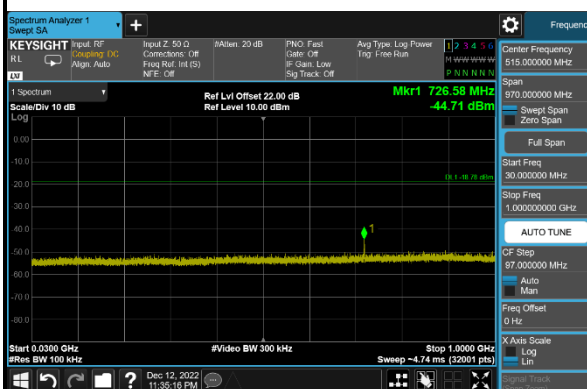
802.11 b CH01 (2412MHz)



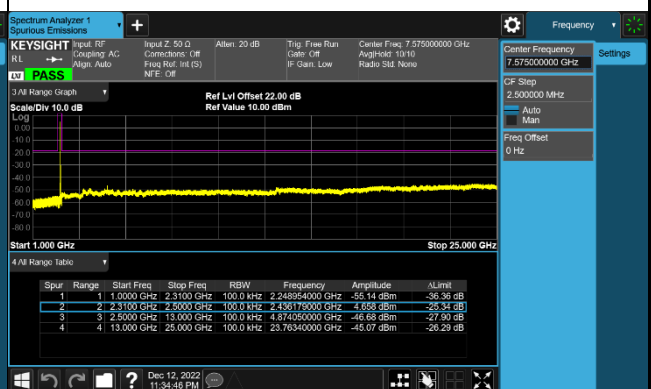
802.11 b CH06 (2437MHz)

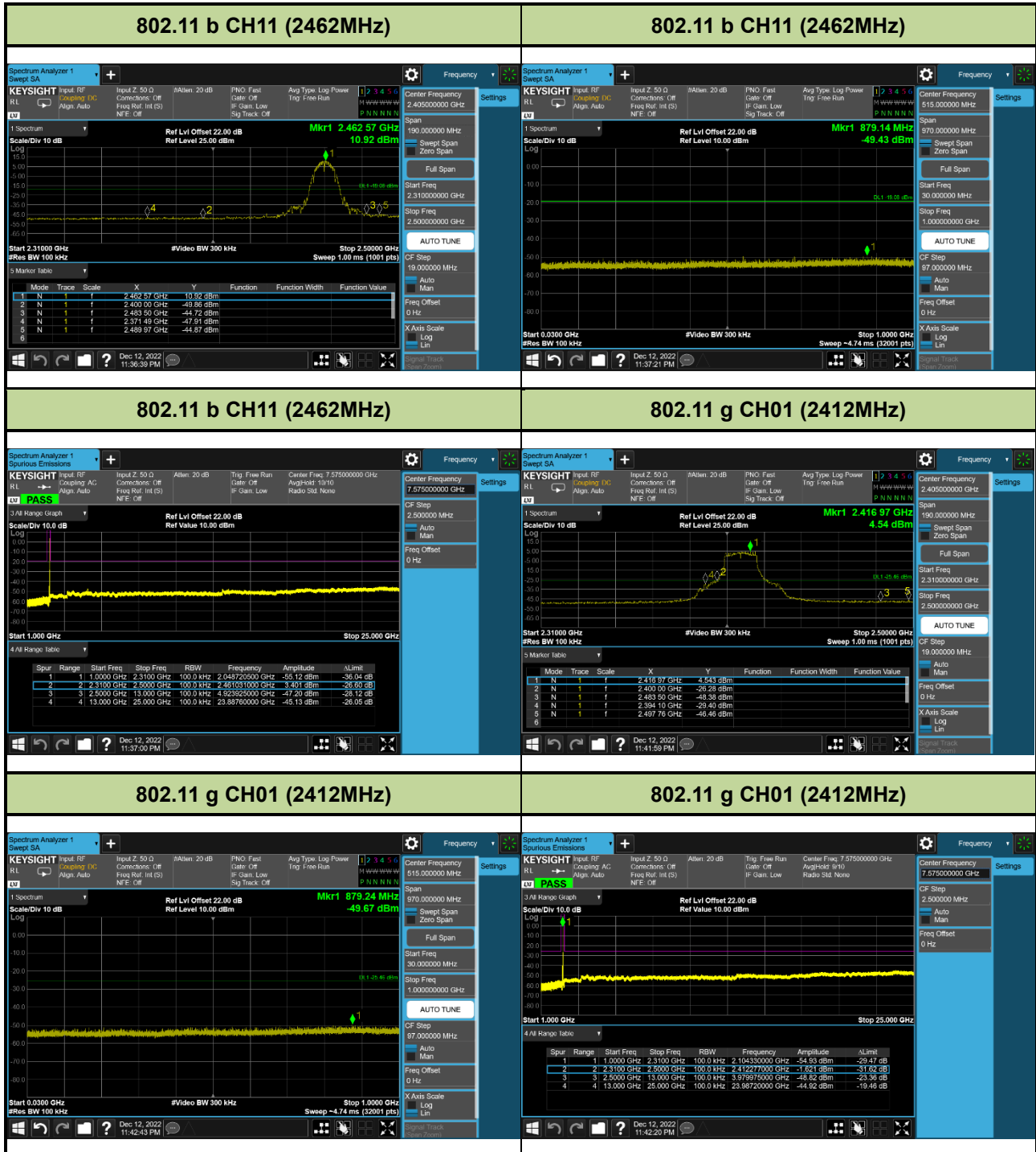


802.11 b CH06 (2437MHz)



802.11 b CH06 (2437MHz)

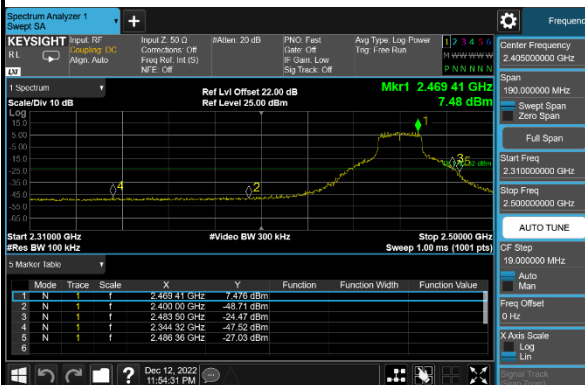




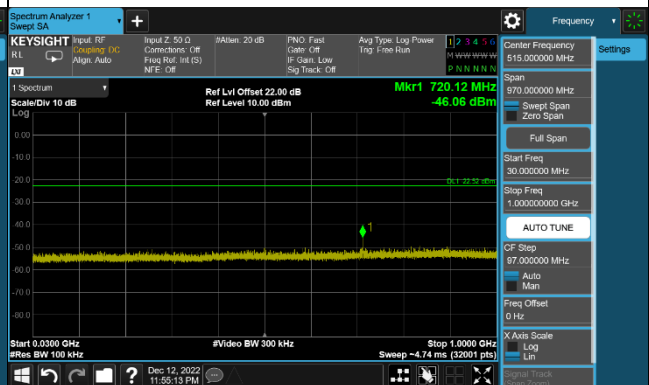




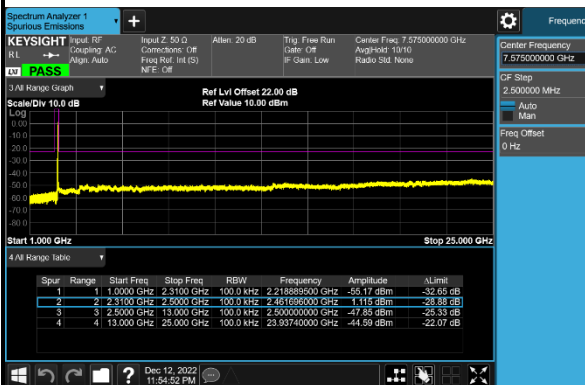
802.11 n20 CH11 (2462MHz)



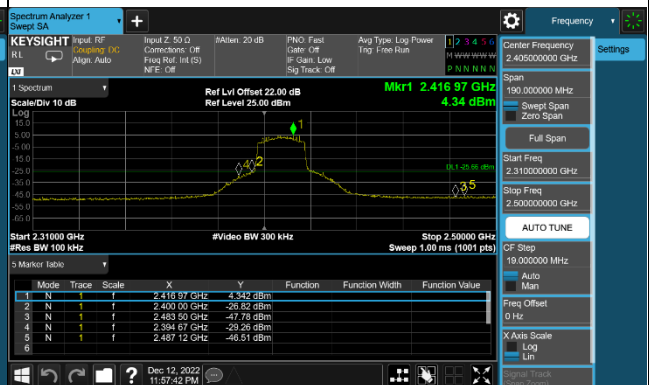
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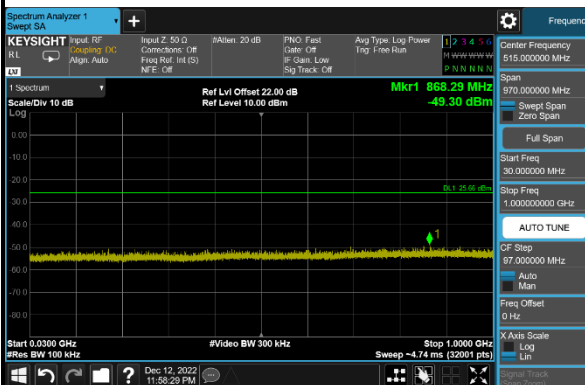
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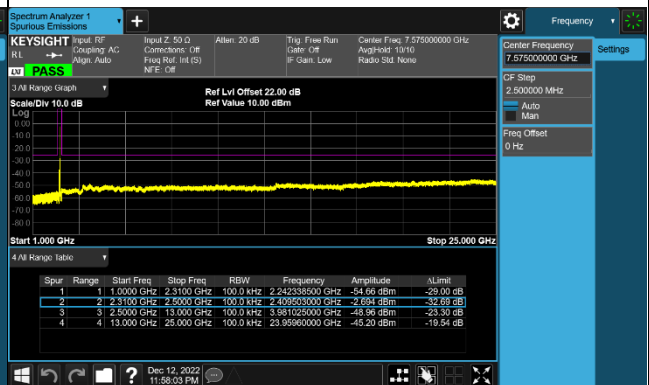
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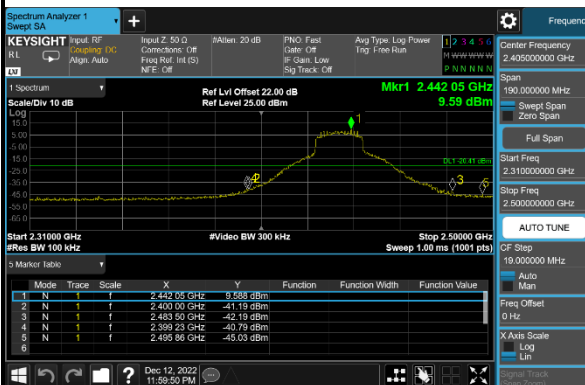
802.11 ax20 CH01 (2412MHz)



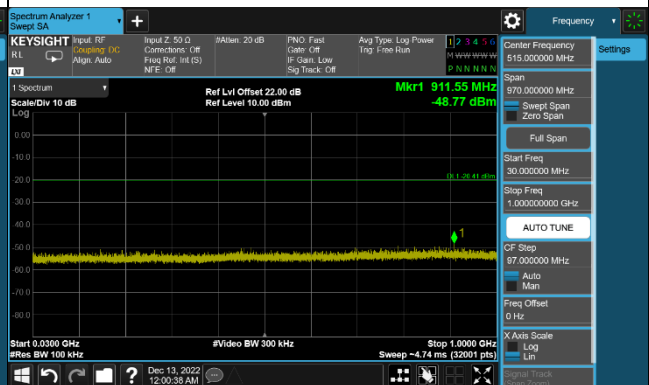
802.11 ax20 CH01 (2412MHz)



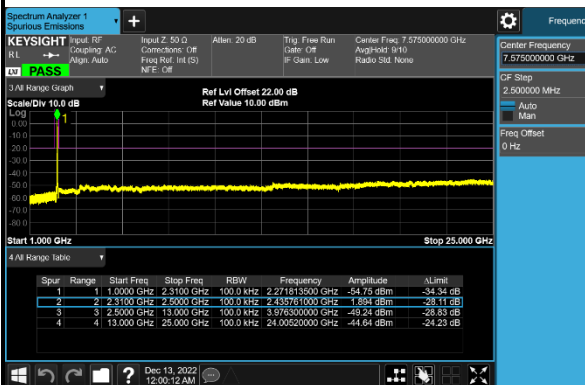
802.11 ax20 CH06 (2437MHz)



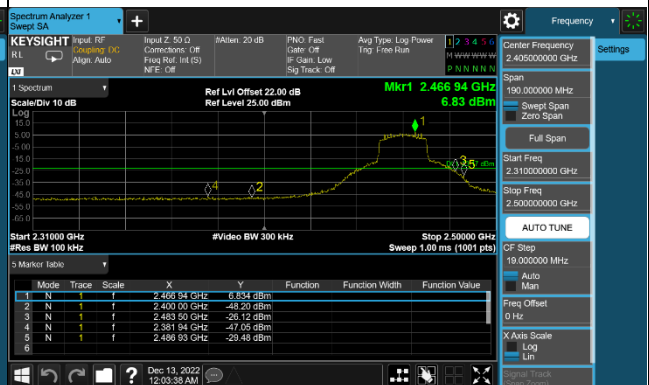
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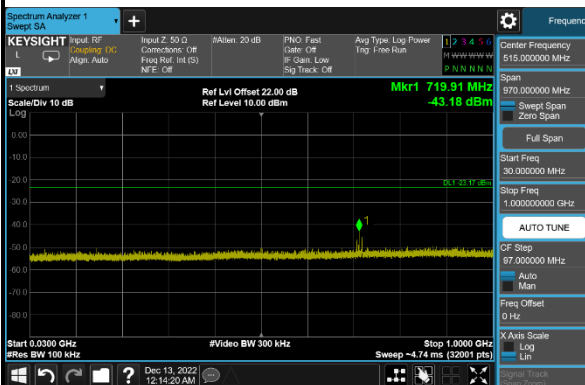
802.11 ax20 CH06 (2437MHz)



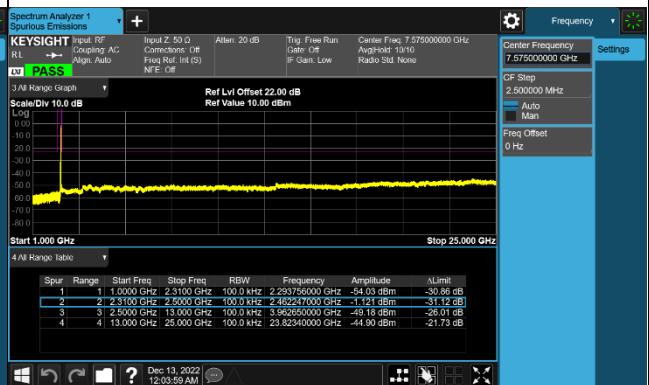
802.11 ax20 CH11 (2462MHz)



802.11 ax20 CH11 (2462MHz)



802.11 ax20 CH11 (2462MHz)



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 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

7.6.2. Test Procedure Used

ANSI C63.10 - 2013 - Section 11.11 & 11.12

ANSI C63.10 - 2013 - Section 6.3 (General Requirements)

ANSI C63.10 - 2013 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - 2013 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - 2013 - Section 6.6 (Standard test method above 1GHz)

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

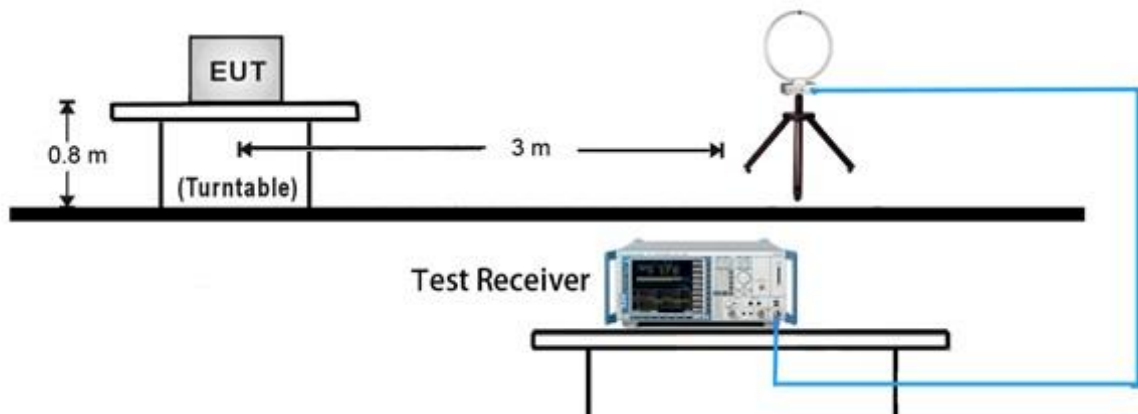
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

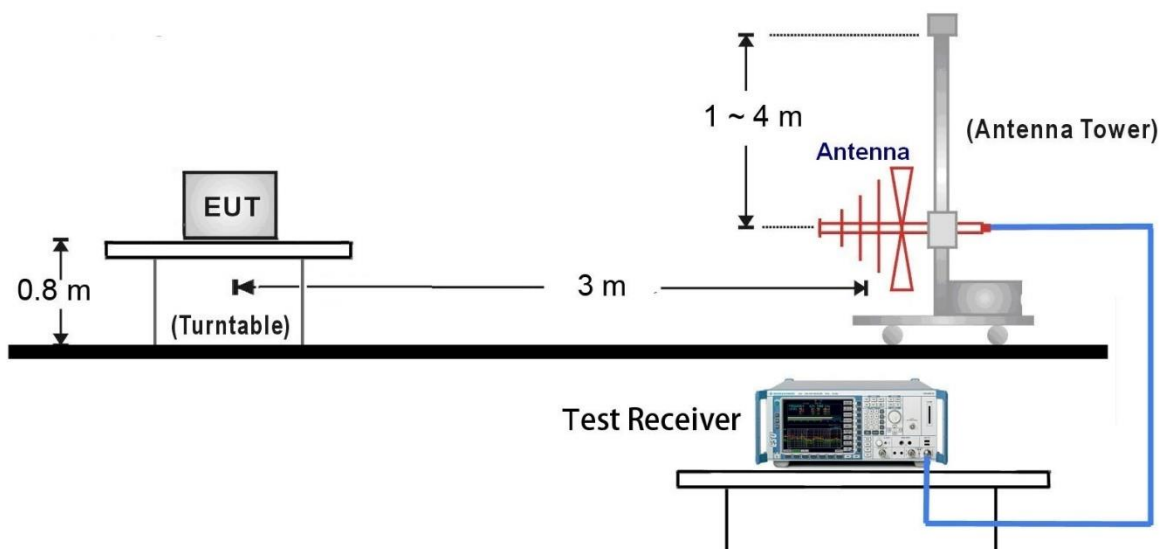
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.6.4. Test Setup

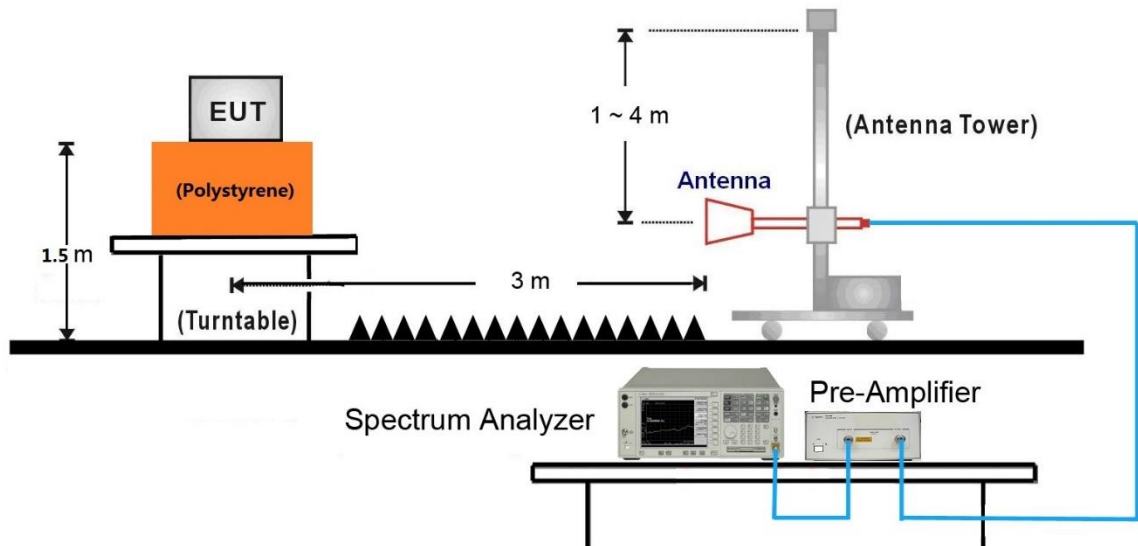
9kHz ~ 30MHz Test Setup:



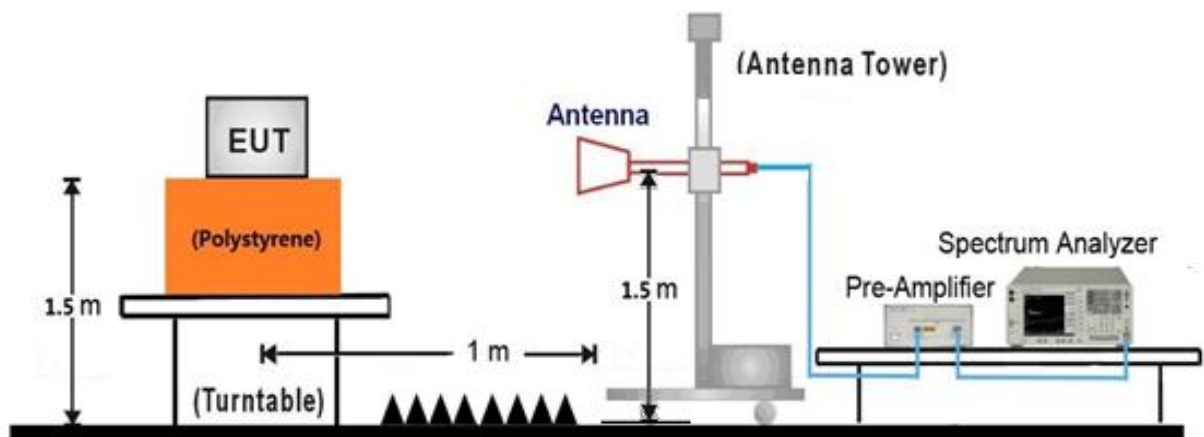
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:

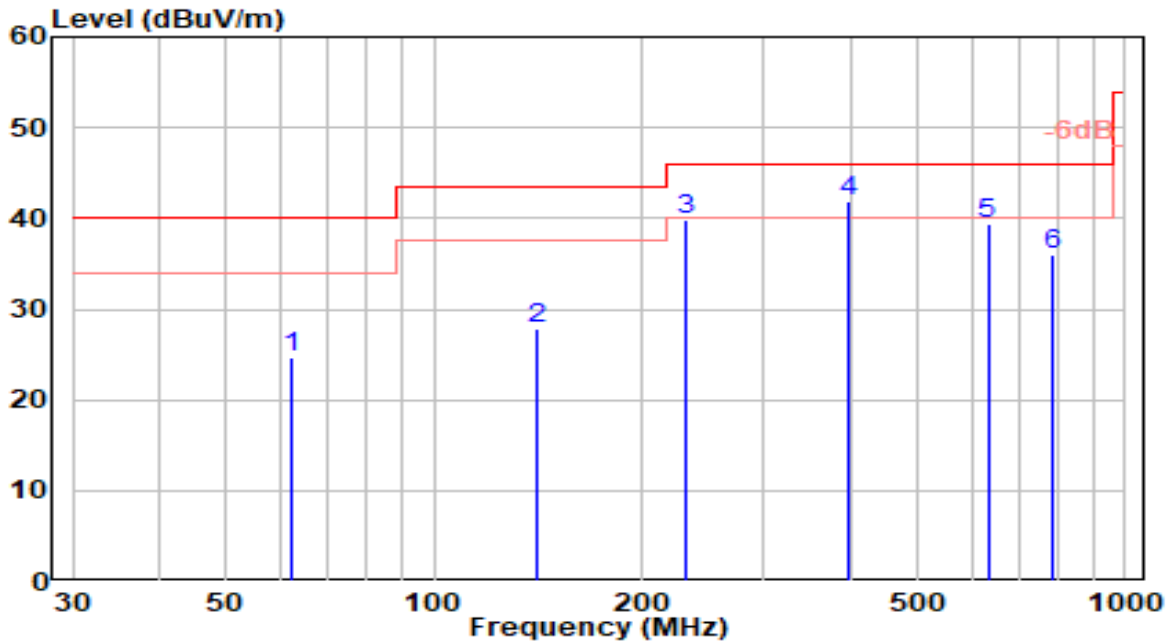


18GHz ~ 25GHz Test Setup:



7.6.5. Test Result

EUT	Module	Date of Test	2022-12-10
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

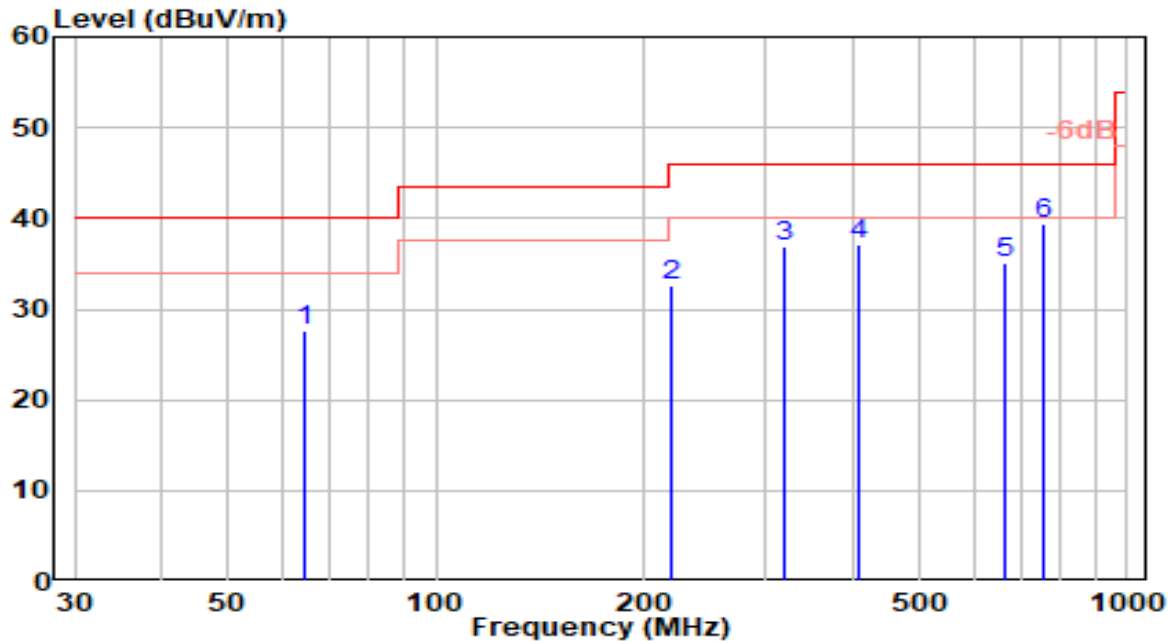


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	62.370	5.58	19.16	24.74	-15.26	40.00	150	25	QP
2	141.510	12.37	15.57	27.95	-15.55	43.50	100	115	QP
3	230.370	20.01	19.80	39.81	-6.19	46.00	100	34	QP
4	* 396.650	17.95	23.97	41.92	-4.08	46.00	200	341	QP
5	632.550	11.42	28.00	39.41	-6.59	46.00	100	346	QP
6	786.900	6.22	29.82	36.04	-9.96	46.00	100	348	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	Module	Date of Test	2022-12-10
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

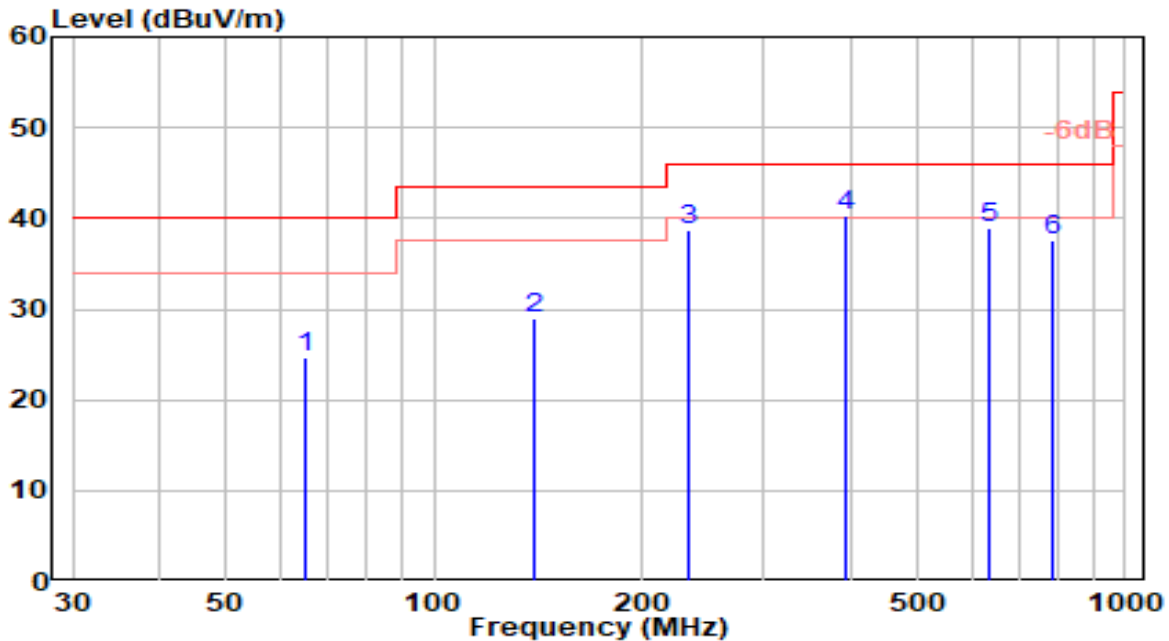


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	64.670	9.23	18.29	27.52	-12.48	40.00	100	349	QP
2	219.070	13.67	19.02	32.69	-13.31	46.00	150	351	QP
3	318.220	14.96	21.94	36.90	-9.10	46.00	125	41	QP
4	407.310	12.94	24.10	37.04	-8.96	46.00	100	40	QP
5	665.710	6.60	28.40	34.99	-11.01	46.00	100	41	QP
6	* 760.040	9.68	29.66	39.34	-6.66	46.00	100	41	QP

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-10
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

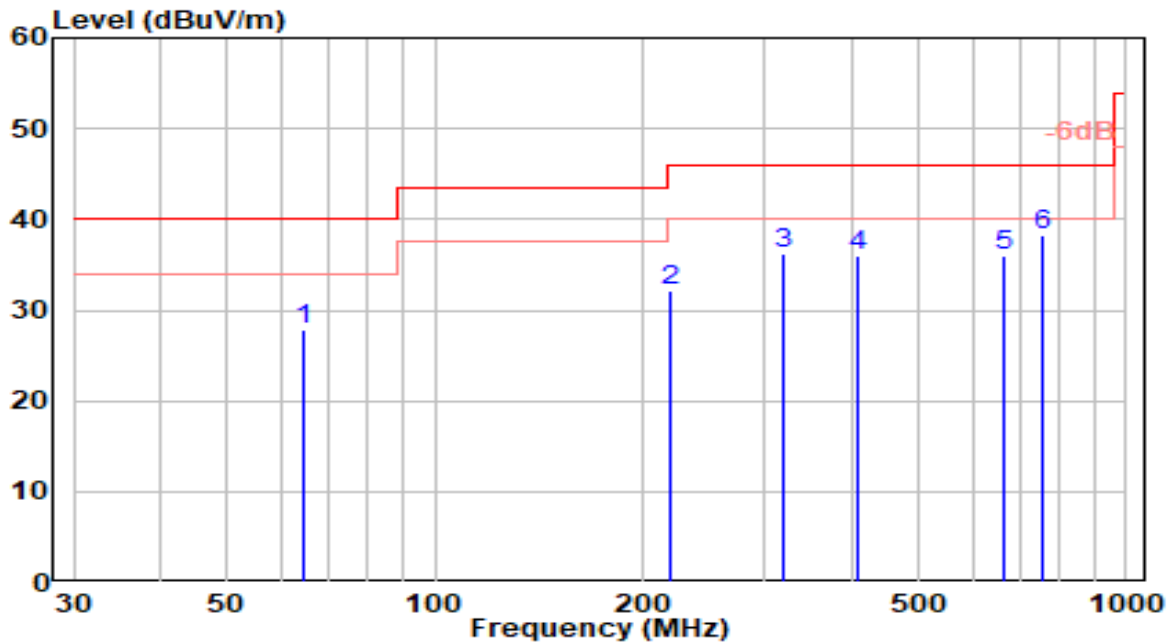


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	65.030	6.47	18.16	24.63	-15.37	40.00	162	55	QP
2	139.490	13.36	15.57	28.94	-14.56	43.50	100	145	QP
3	233.410	18.65	19.96	38.61	-7.39	46.00	100	64	QP
4	* 394.690	16.45	23.92	40.38	-5.62	46.00	141	11	QP
5	634.850	10.85	28.02	38.87	-7.13	46.00	100	16	QP
6	785.560	7.69	29.81	37.50	-8.50	46.00	100	18	QP

Note:

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

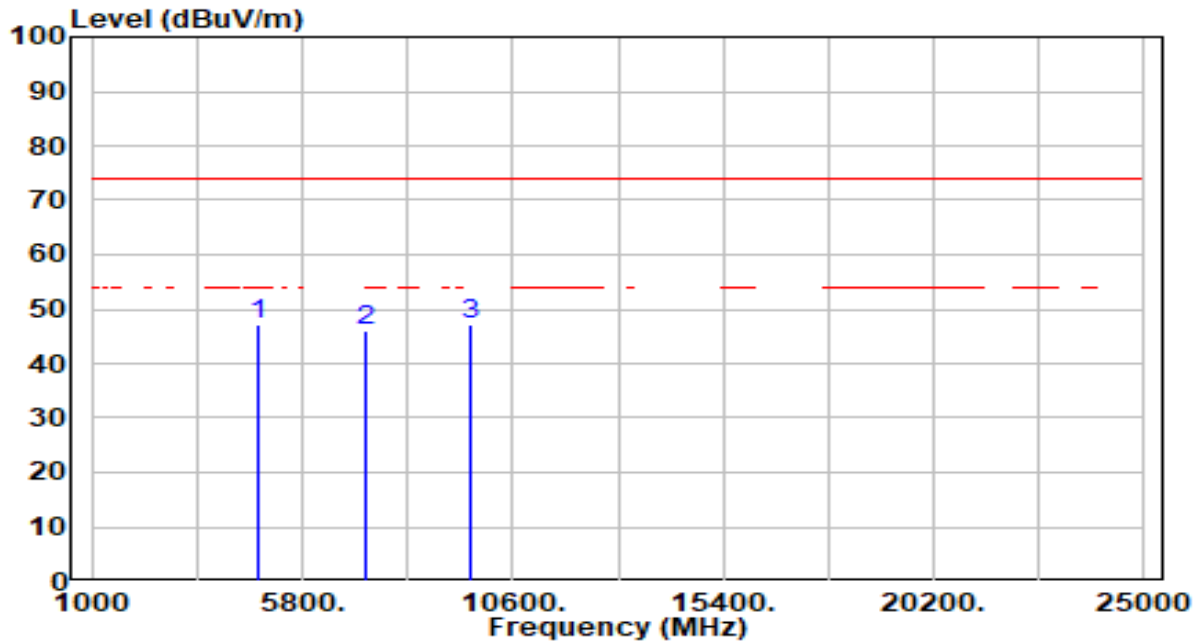
EUT	Module	Date of Test	2022-12-10
Factor	VULB 9162	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz



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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

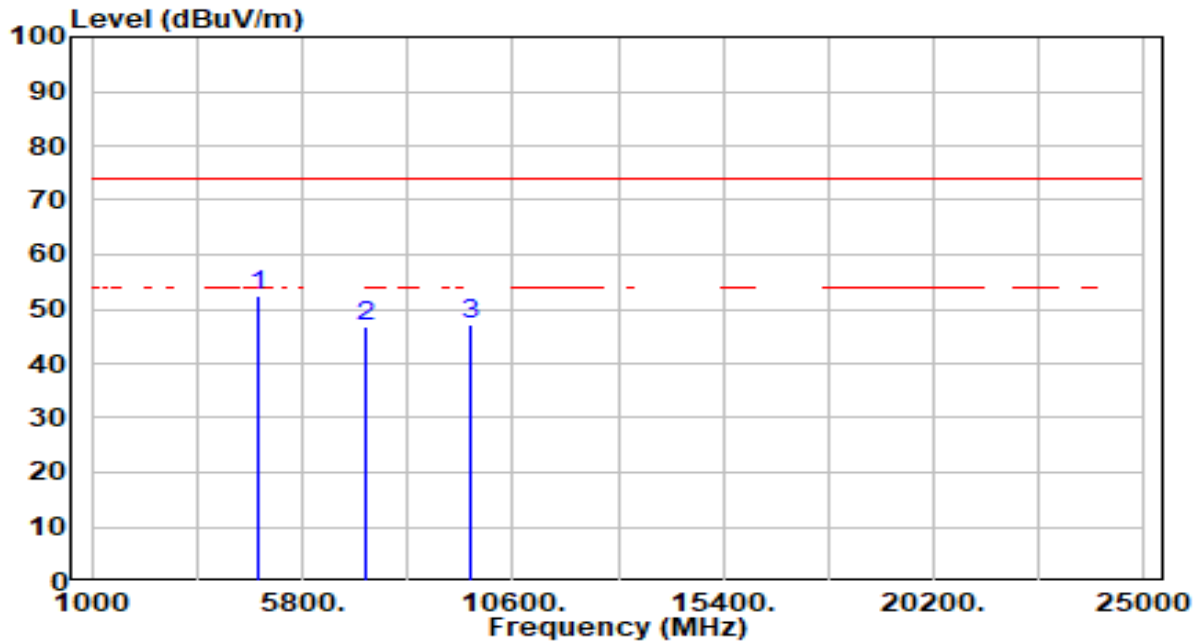


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	47.04	0.25	47.29	-26.71	74.00	200	331	Peak
2	7236.000	40.29	5.81	46.10	-27.90	74.00	100	212	Peak
3	9648.000	41.94	5.32	47.26	-26.74	74.00	200	101	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

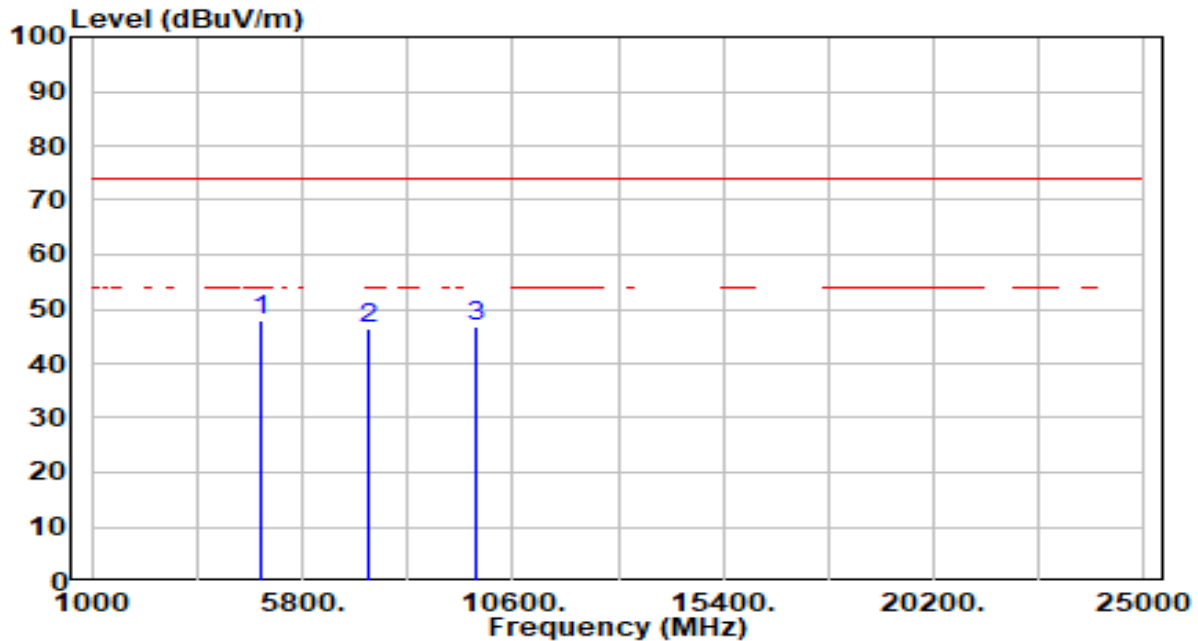


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	52.05	0.25	52.30	-21.70	74.00	124	360	Peak
2	7236.000	40.85	5.81	46.66	-27.34	74.00	300	304	Peak
3	9648.000	41.82	5.32	47.15	-26.85	74.00	300	228	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

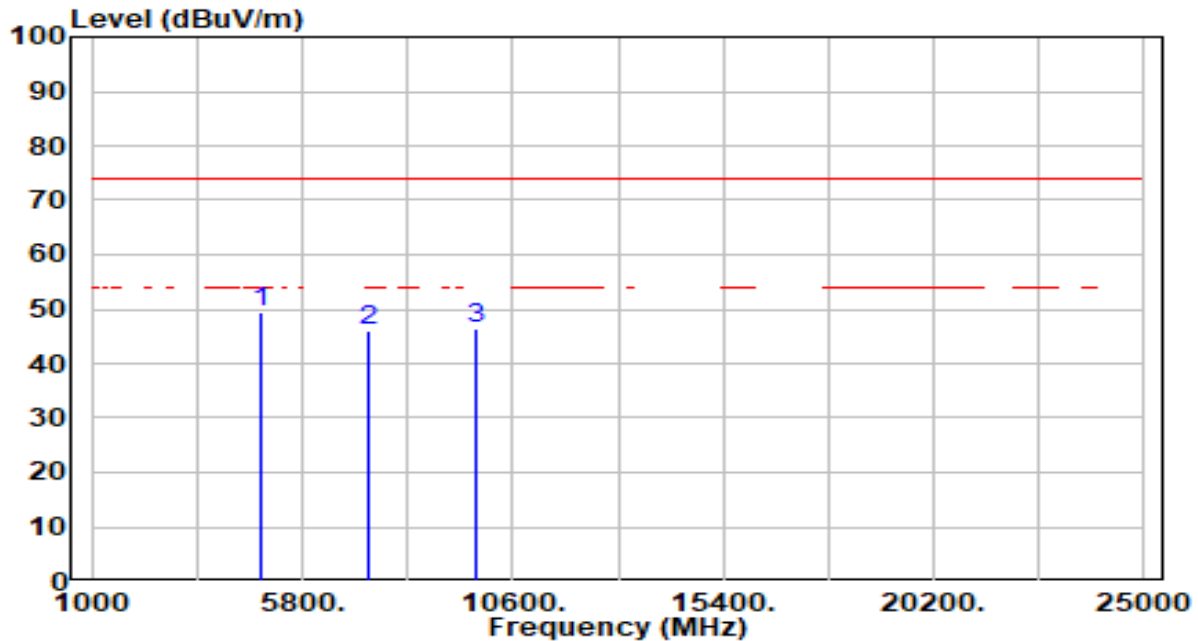


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	47.72	0.35	48.08	-25.92	74.00	200	331	Peak
2	7311.000	40.62	5.79	46.42	-27.58	74.00	200	18	Peak
3	9748.000	41.60	5.34	46.94	-27.06	74.00	126	0	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

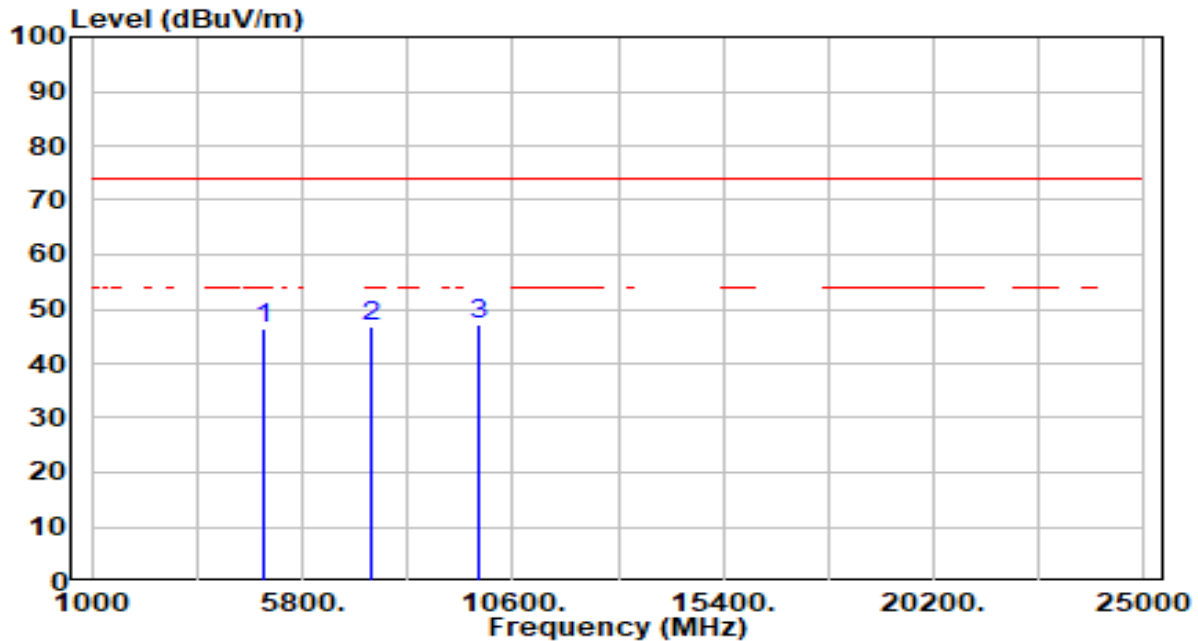


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	49.26	0.35	49.61	-24.39	74.00	121	360	Peak
2	7311.000	40.40	5.79	46.20	-27.80	74.00	128	360	Peak
3	9748.000	41.07	5.34	46.41	-27.59	74.00	100	24	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

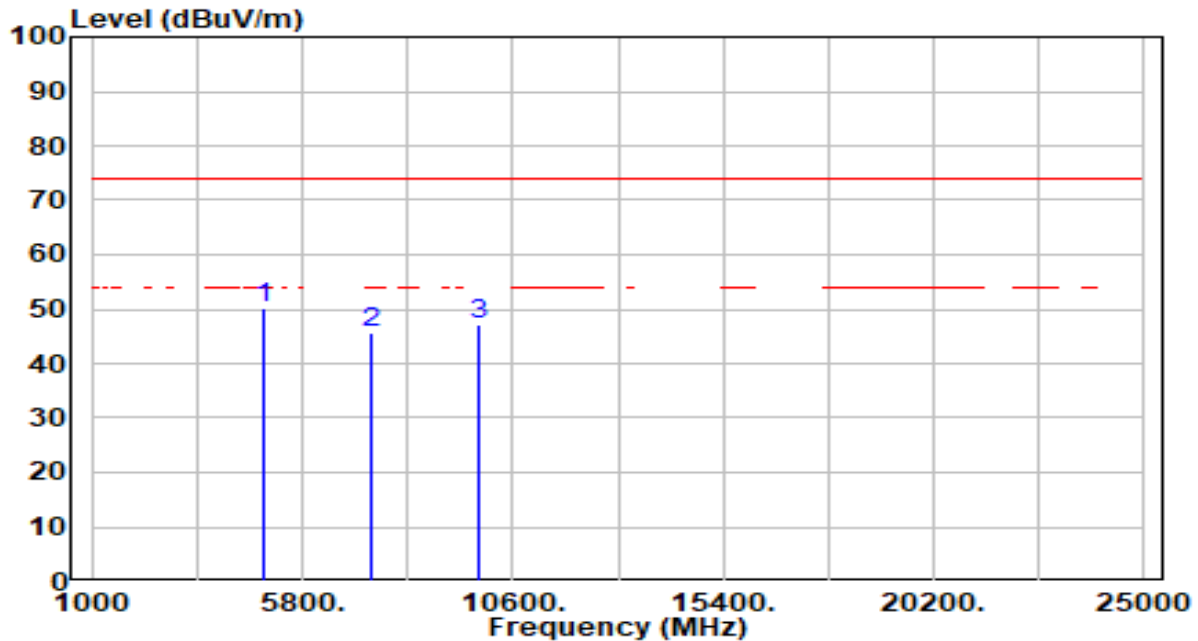


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	46.04	0.45	46.50	-27.50	74.00	200	338	Peak
2	7386.000	40.93	5.77	46.70	-27.30	74.00	200	360	Peak
3	* 9848.000	41.90	5.38	47.28	-26.72	74.00	145	0	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

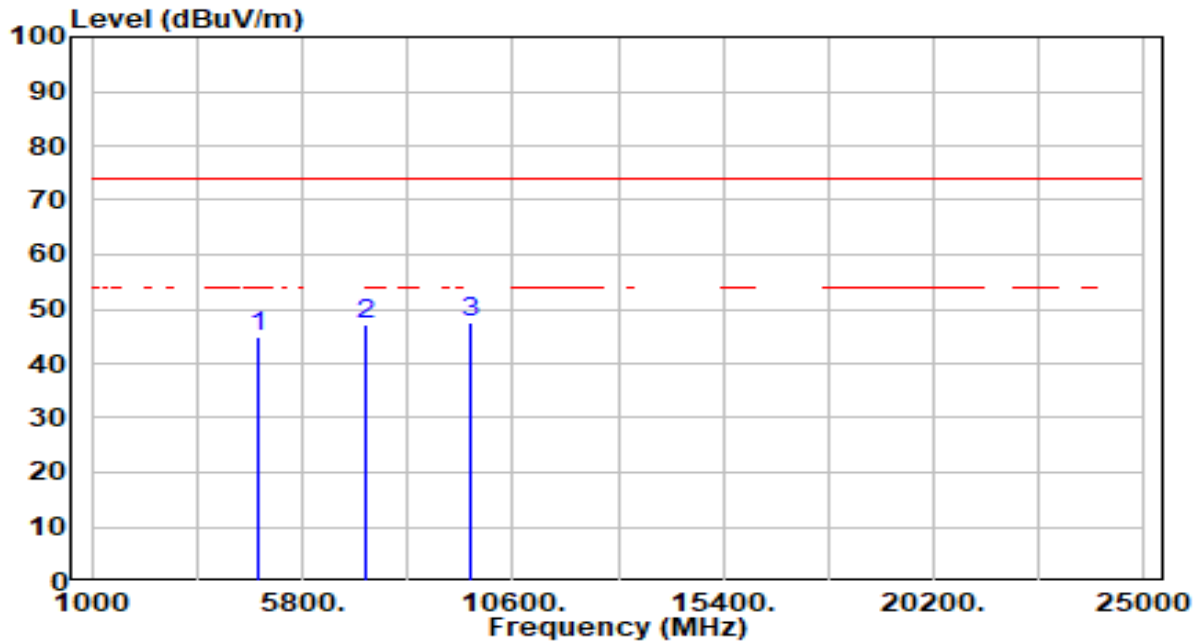


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	49.89	0.45	50.35	-23.65	74.00	100	0	Peak
2	7386.000	39.99	5.77	45.77	-28.23	74.00	162	360	Peak
3	9848.000	41.71	5.38	47.09	-26.91	74.00	100	202	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

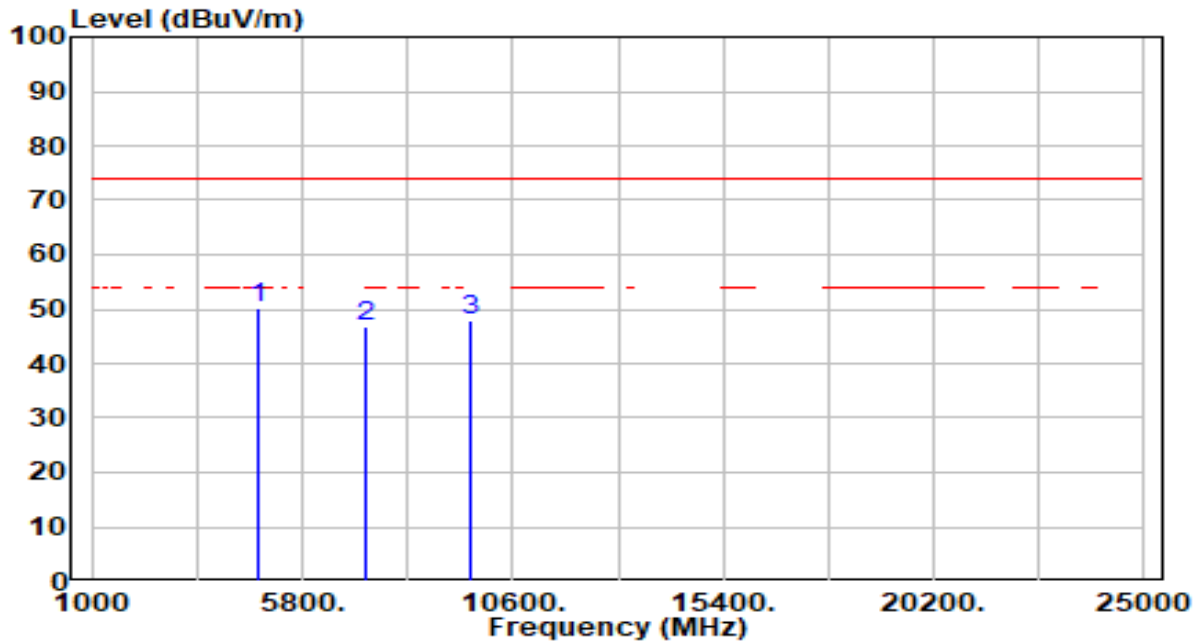


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	44.84	0.25	45.09	-28.91	74.00	200	28	Peak
2	7236.000	41.29	5.81	47.10	-26.90	74.00	200	360	Peak
3	* 9648.000	42.04	5.32	47.36	-26.64	74.00	115	0	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

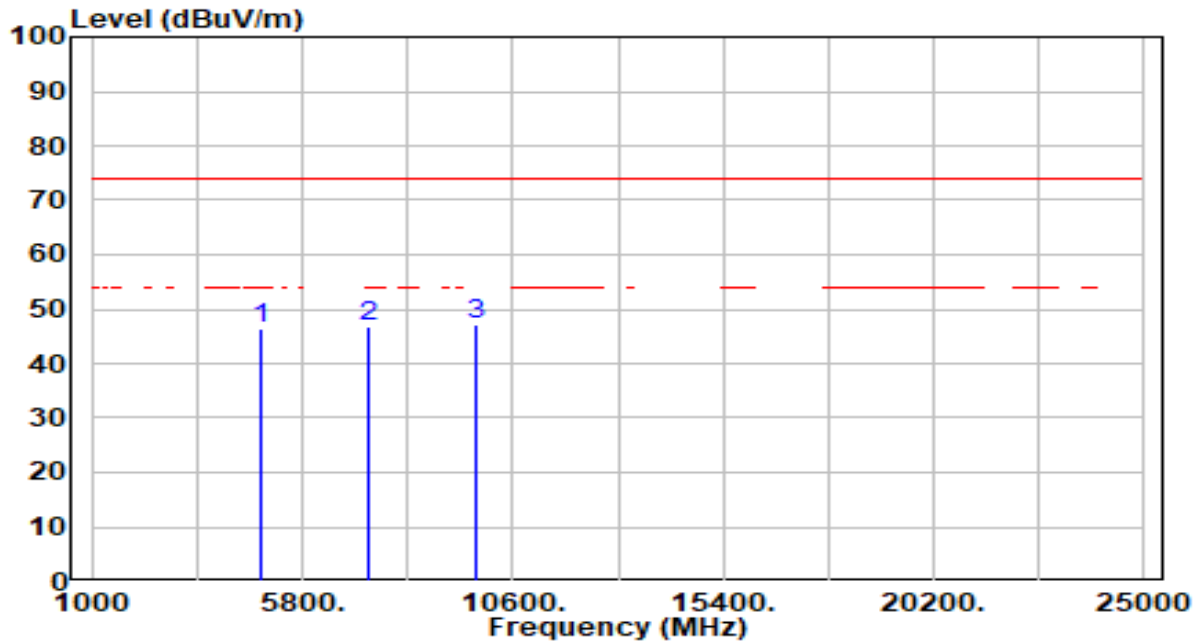


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	50.00	0.25	50.25	-23.75	74.00	111	358	Peak
2	7236.000	41.09	5.81	46.91	-27.09	74.00	100	60	Peak
3	9648.000	42.72	5.32	48.05	-25.95	74.00	100	160	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

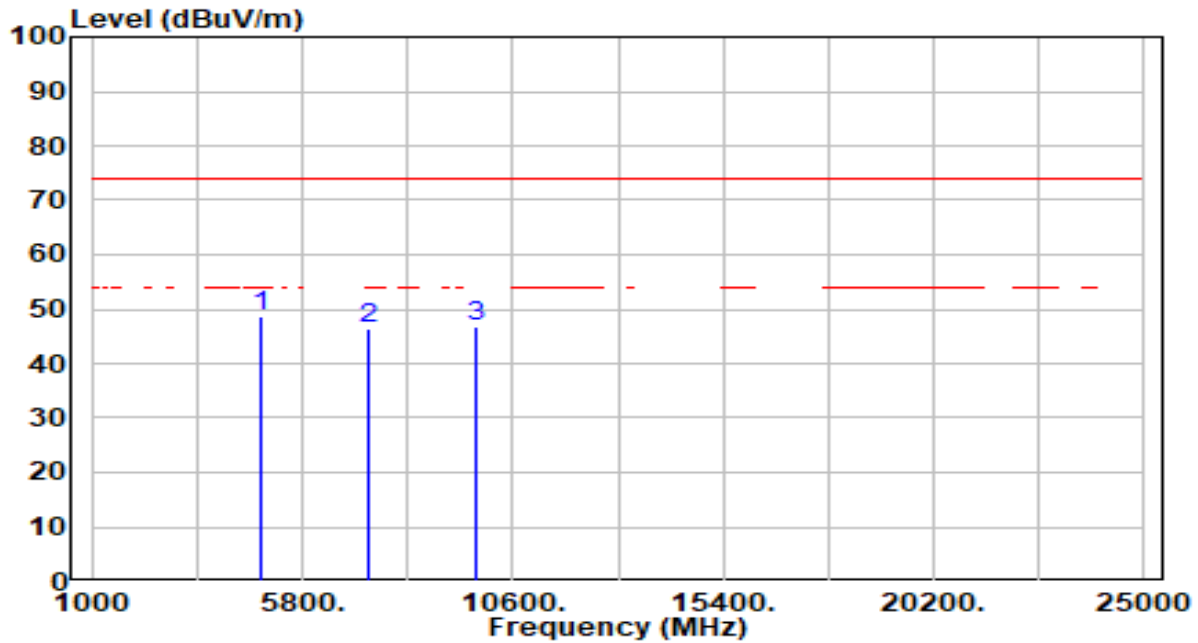


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	46.11	0.35	46.46	-27.54	74.00	200	310	Peak
2	7311.000	40.98	5.79	46.77	-27.23	74.00	200	19	Peak
3	* 9748.000	41.88	5.34	47.22	-26.78	74.00	200	349	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

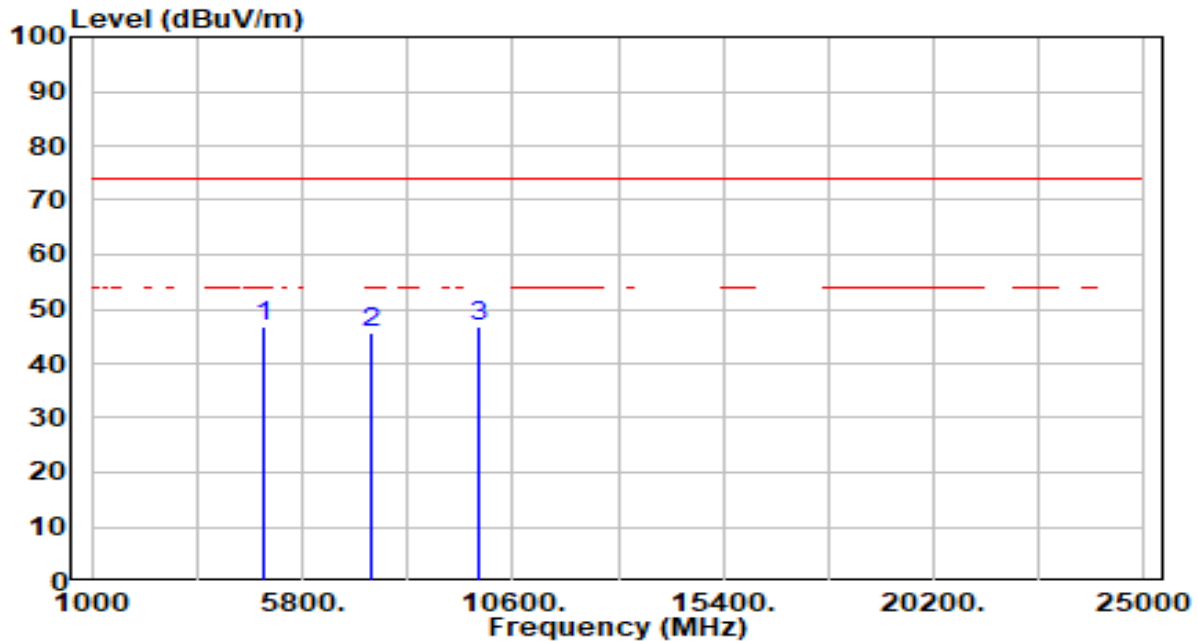


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	48.24	0.35	48.59	-25.41	74.00	100	0	Peak
2	7311.000	40.69	5.79	46.48	-27.52	74.00	100	5	Peak
3	9748.000	41.37	5.34	46.71	-27.29	74.00	100	59	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

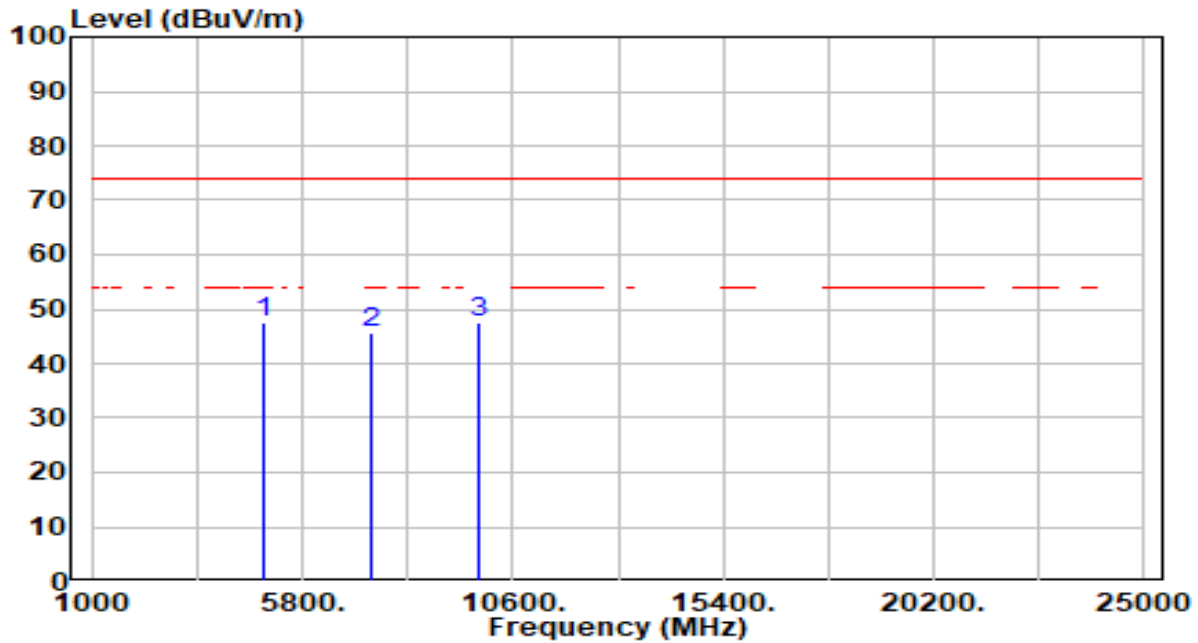


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	46.44	0.45	46.90	-27.10	74.00	200	336	Peak
2	7386.000	39.92	5.77	45.69	-28.31	74.00	200	196	Peak
3	9848.000	41.51	5.38	46.89	-27.11	74.00	200	263	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

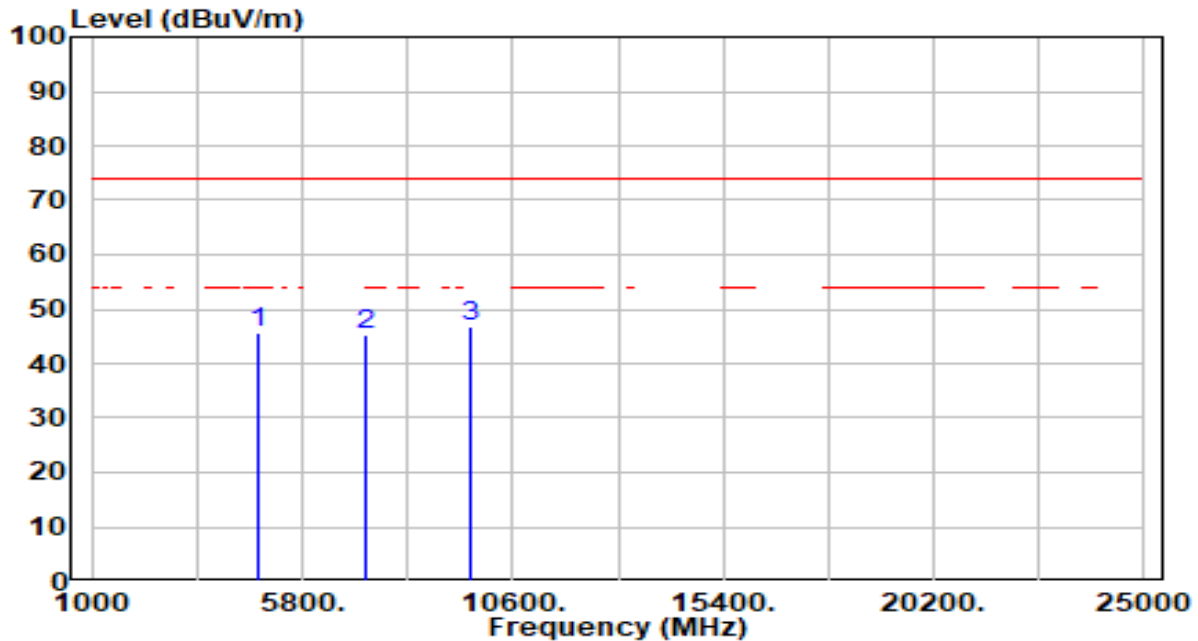


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	47.17	0.45	47.62	-26.38	74.00	114	360	Peak
2	7386.000	40.06	5.77	45.83	-28.17	74.00	100	211	Peak
3	9848.000	42.17	5.38	47.55	-26.45	74.00	100	358	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

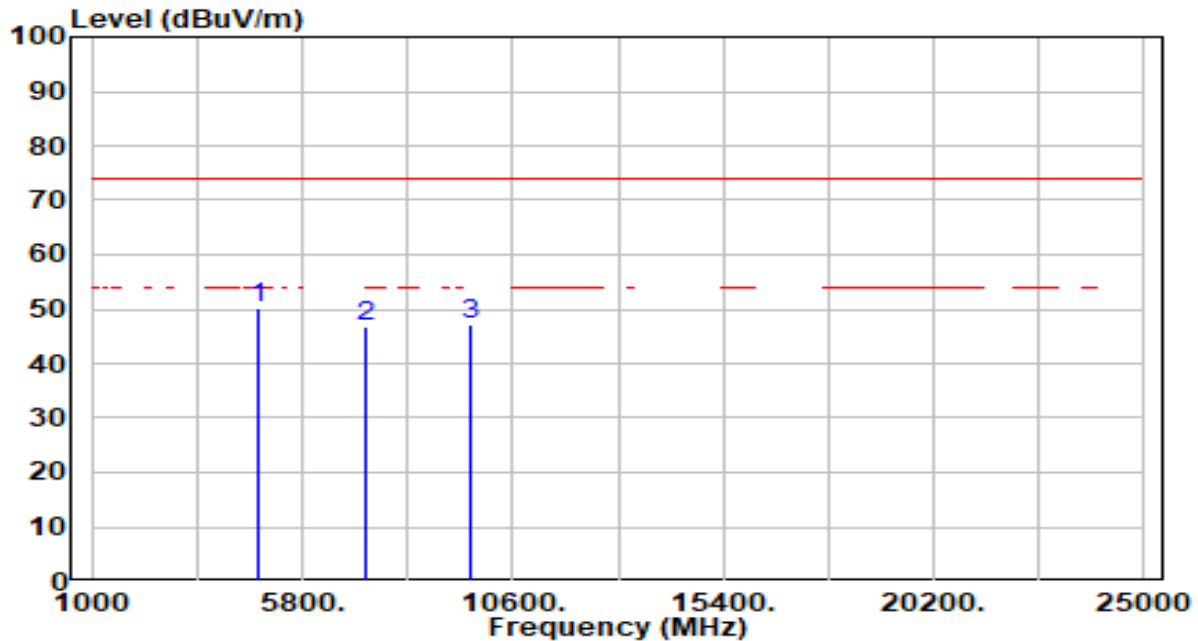


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	45.24	0.25	45.49	-28.51	74.00	200	178	Peak
2	7236.000	39.33	5.81	45.14	-28.86	74.00	200	239	Peak
3	* 9648.000	41.29	5.32	46.61	-27.39	74.00	200	349	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

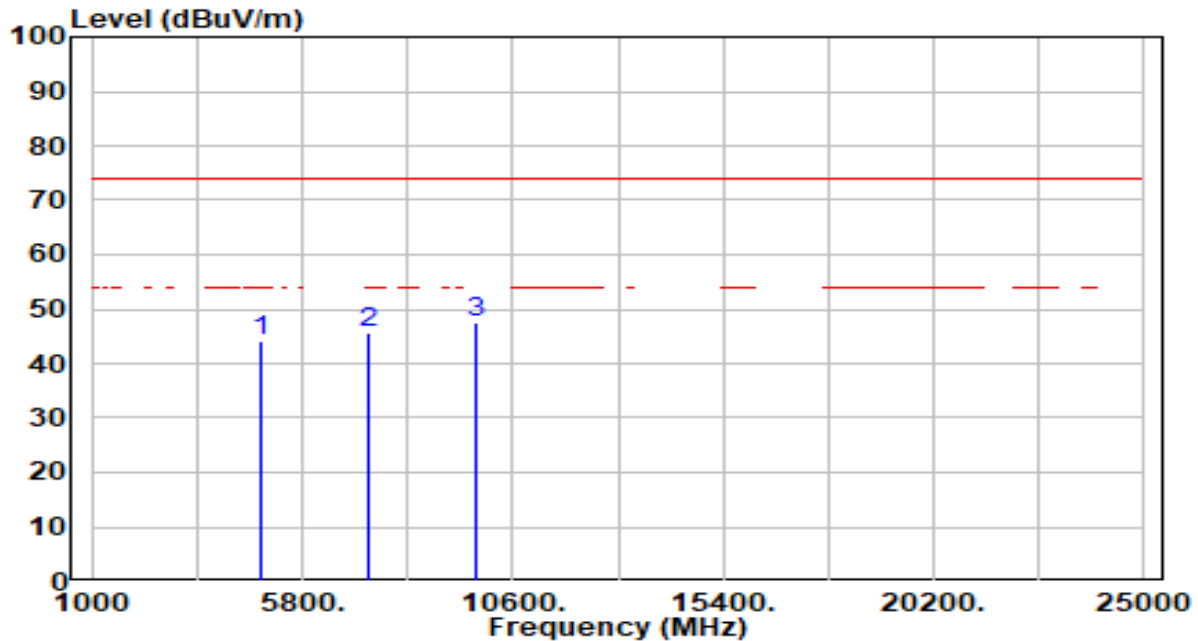


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	49.80	0.25	50.05	-23.95	74.00	100	360	Peak
2	7236.000	40.81	5.81	46.63	-27.37	74.00	100	301	Peak
3	9648.000	41.81	5.32	47.14	-26.86	74.00	100	112	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

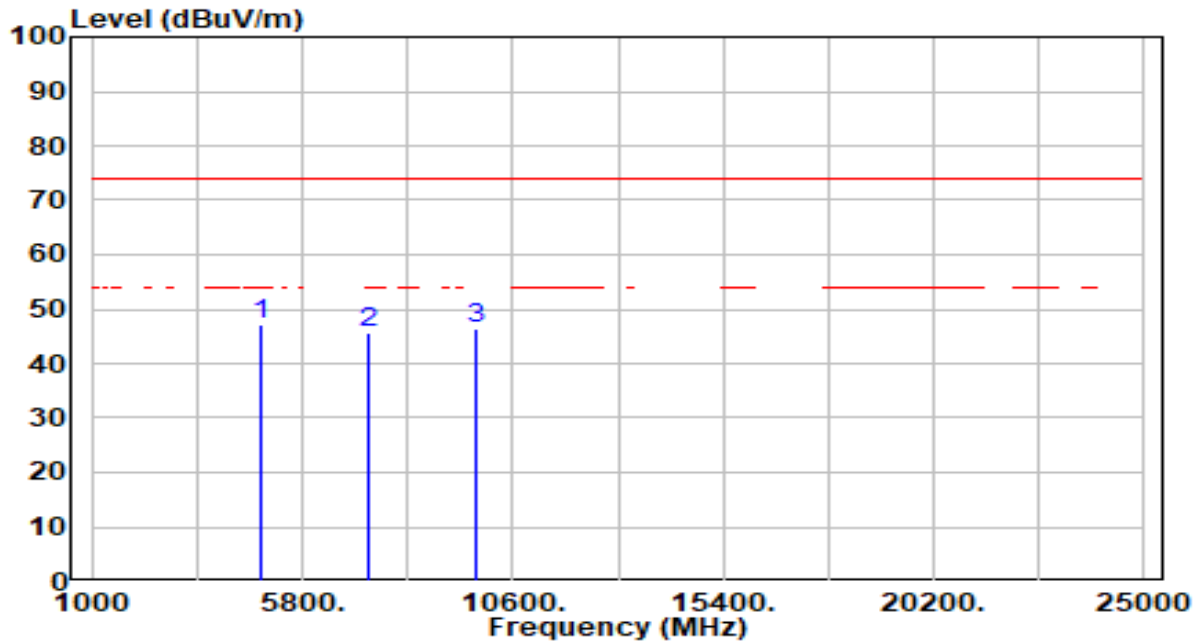


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	43.76	0.35	44.12	-29.88	74.00	200	322	Peak
2	7311.000	39.97	5.79	45.76	-28.24	74.00	200	319	Peak
3	* 9748.000	42.03	5.34	47.37	-26.63	74.00	200	216	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

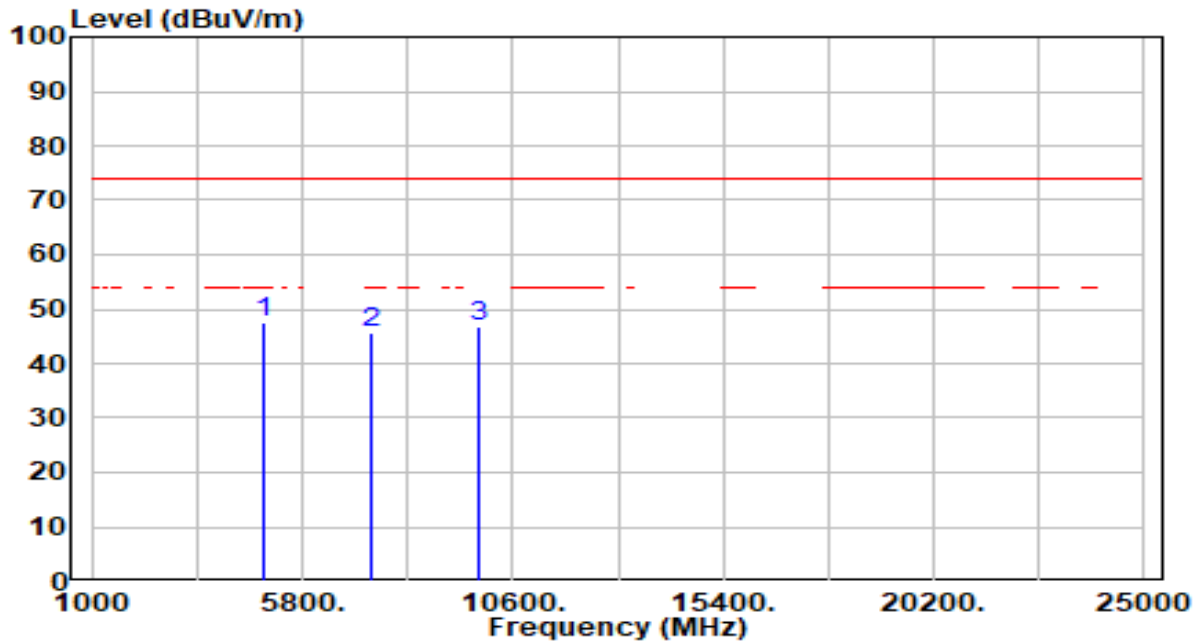


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	46.92	0.35	47.27	-26.73	74.00	100	24	Peak
2	7311.000	39.85	5.79	45.65	-28.35	74.00	100	9	Peak
3	9748.000	40.98	5.34	46.32	-27.68	74.00	100	9	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

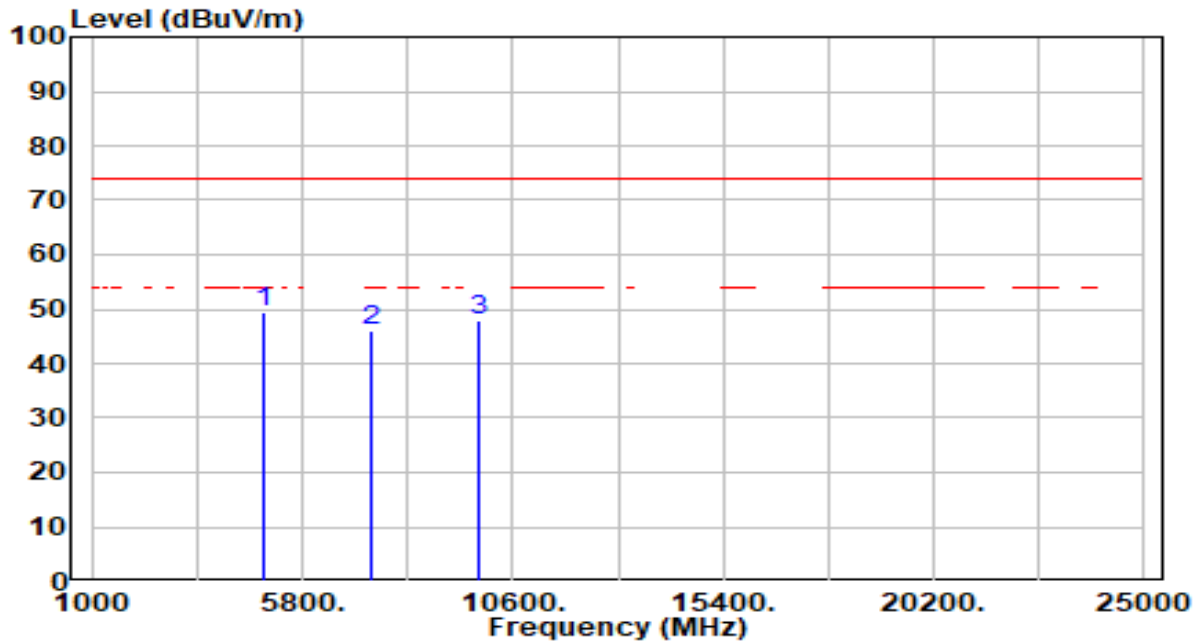


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	47.00	0.45	47.46	-26.54	74.00	200	313	Peak
2	7386.000	39.82	5.77	45.60	-28.40	74.00	200	71	Peak
3	9848.000	41.24	5.38	46.62	-27.38	74.00	200	358	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

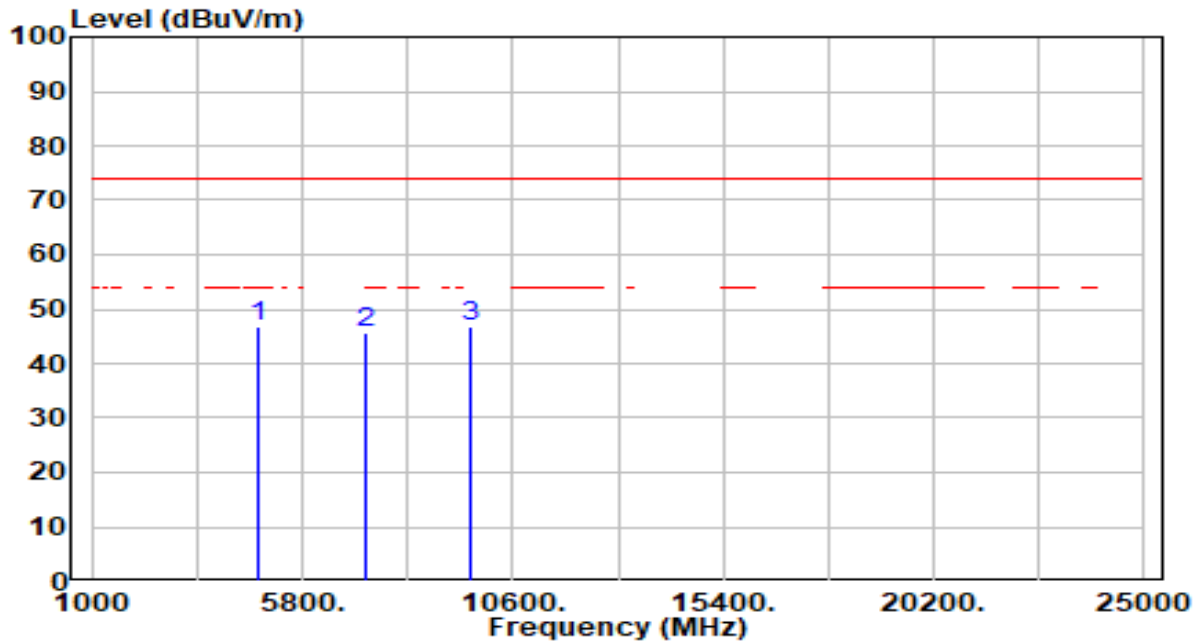


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	49.16	0.45	49.62	-24.38	74.00	124	360	Peak
2	7386.000	40.41	5.77	46.18	-27.82	74.00	181	360	Peak
3	9848.000	42.47	5.38	47.85	-26.15	74.00	112	360	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

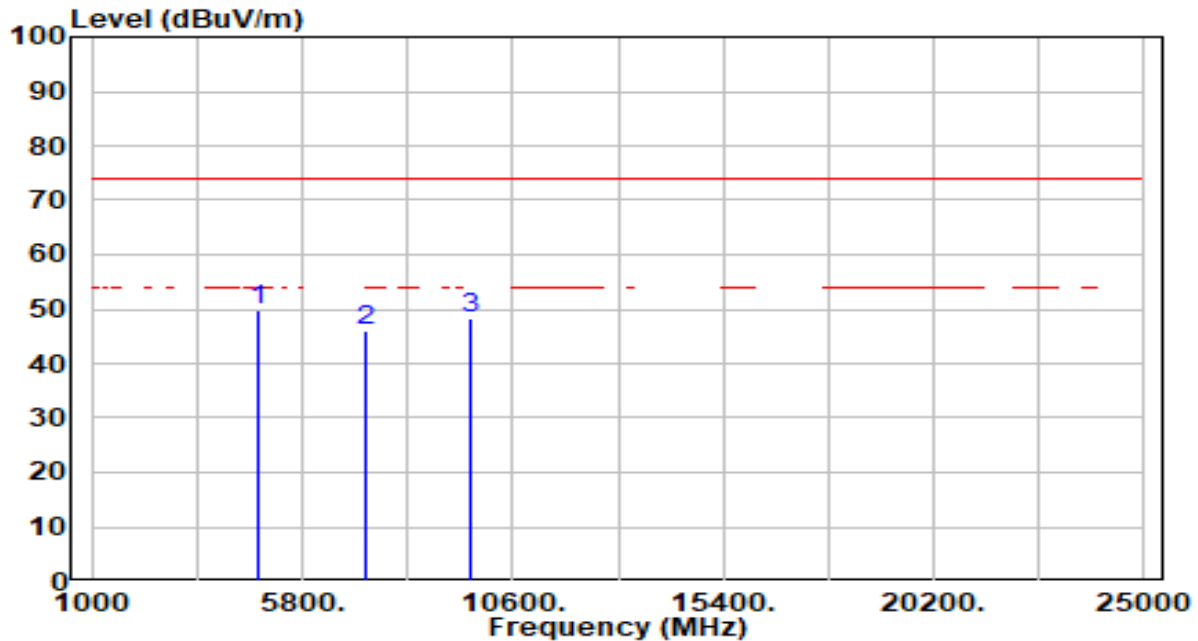


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4824.000	46.65	0.25	46.90	-27.10	74.00	200	340	Peak
2		7236.000	39.93	5.81	45.74	-28.26	74.00	200	88	Peak
3		9648.000	41.48	5.32	46.81	-27.19	74.00	100	0	Peak

Note:

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

EUT	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

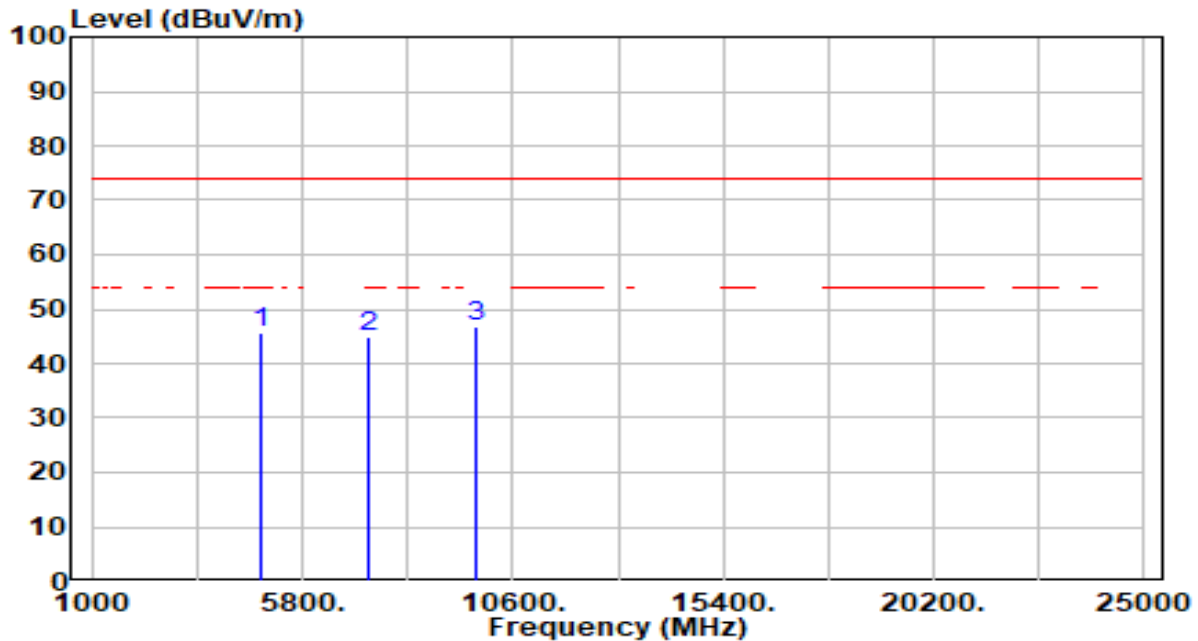


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4824.000	49.53	0.25	49.78	-24.22	74.00	100	0	Peak
2	7236.000	40.05	5.81	45.86	-28.14	74.00	191	360	Peak
3	9648.000	42.80	5.32	48.12	-25.88	74.00	100	0	Peak

Note:

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

EUT	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

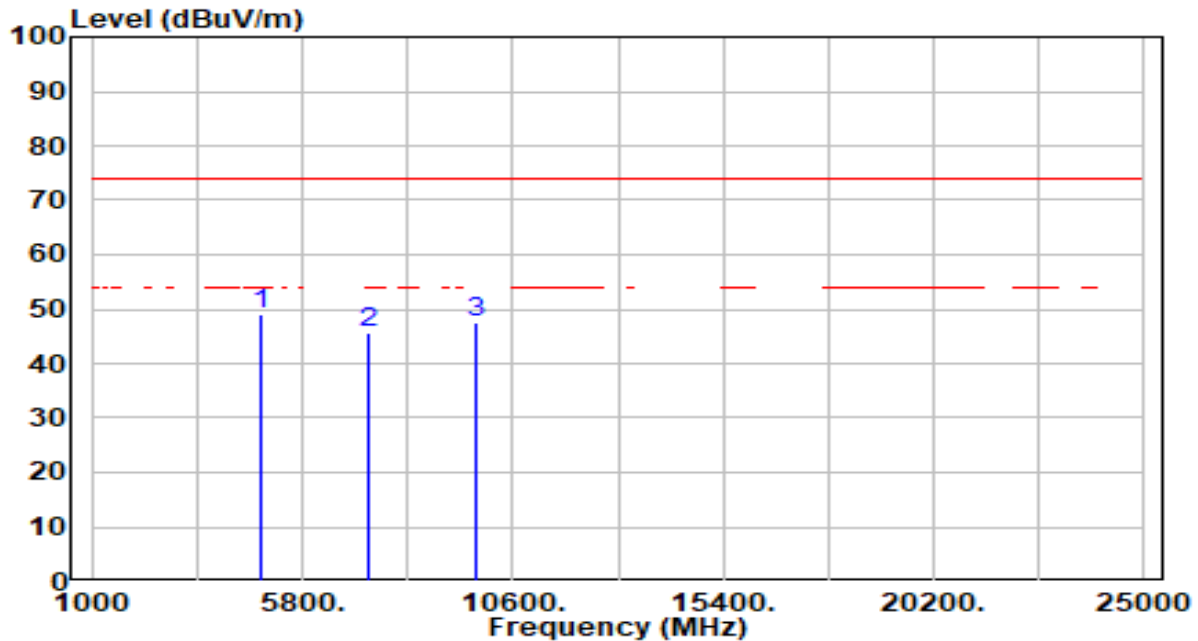


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	45.35	0.35	45.70	-28.30	74.00	200	322	Peak
2	7311.000	39.24	5.79	45.03	-28.97	74.00	199	0	Peak
3	* 9748.000	41.35	5.34	46.69	-27.31	74.00	200	140	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

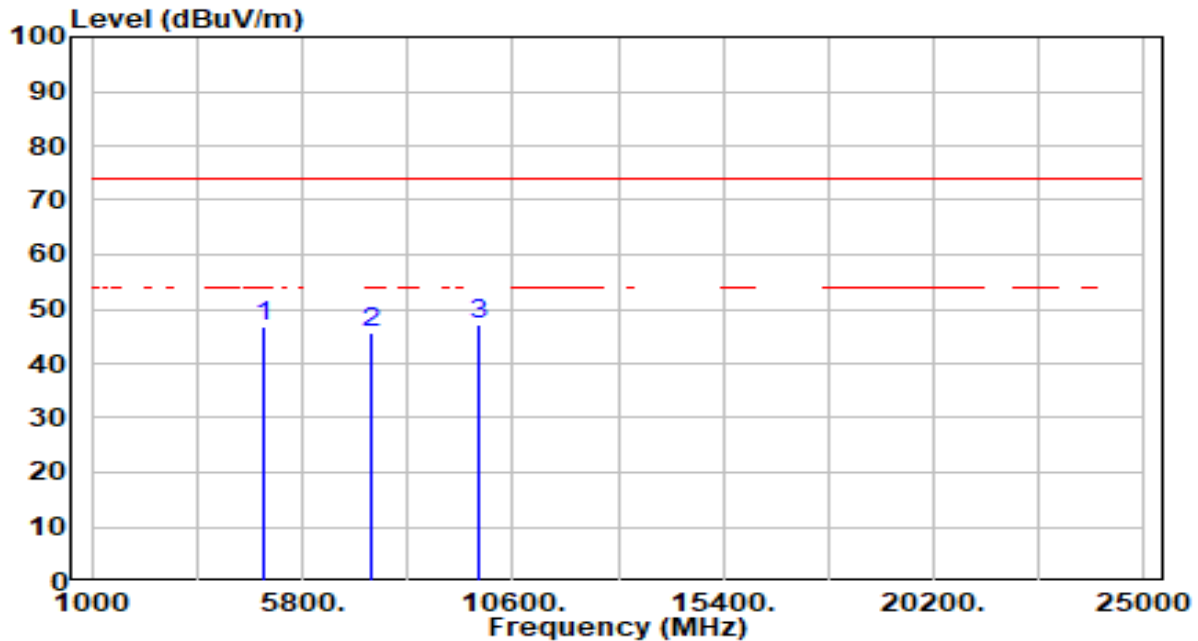


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4874.000	48.89	0.35	49.24	-24.76	74.00	100	360	Peak
2	7311.000	39.68	5.79	45.47	-28.53	74.00	104	360	Peak
3	9748.000	42.34	5.34	47.68	-26.32	74.00	100	274	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

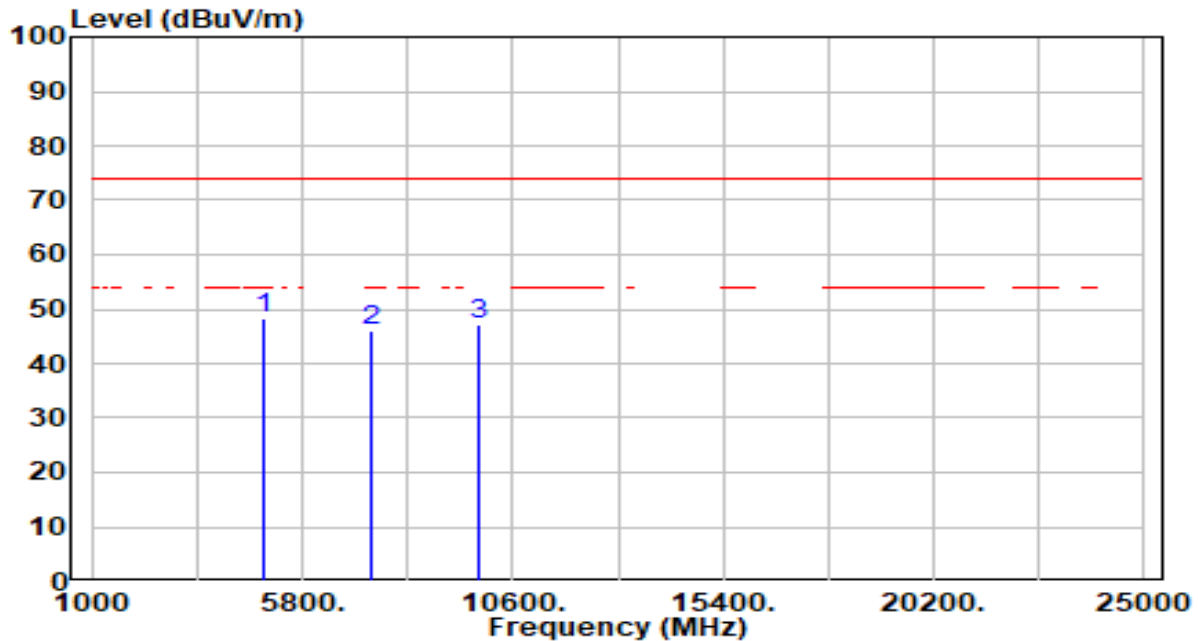


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	46.16	0.45	46.61	-27.39	74.00	200	331	Peak
2	7386.000	39.97	5.77	45.74	-28.26	74.00	100	0	Peak
3	* 9848.000	41.80	5.38	47.18	-26.82	74.00	200	216	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

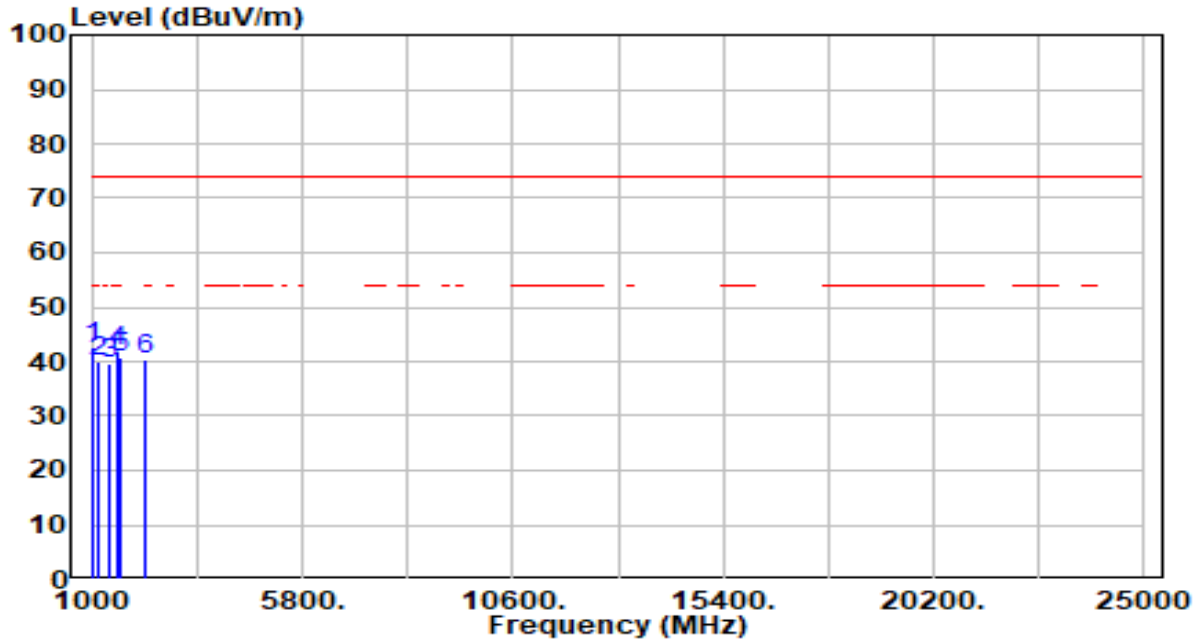


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4924.000	48.01	0.45	48.46	-25.54	74.00	100	0	Peak
2	7386.000	40.41	5.77	46.18	-27.82	74.00	100	194	Peak
3	9848.000	41.61	5.38	46.99	-27.01	74.00	100	360	Peak

Note:

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

EUT	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

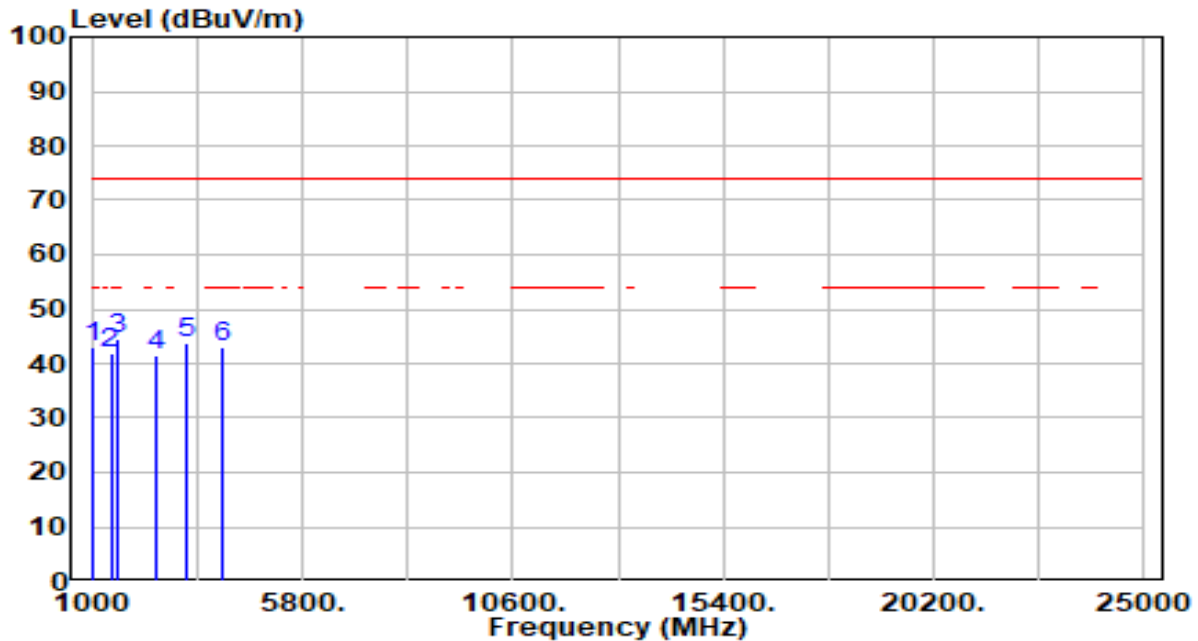


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1001.000	50.00	-7.34	42.66	-31.34	74.00	100	27	Peak
2		1154.000	47.53	-7.47	40.07	-33.93	74.00	100	27	Peak
3		1396.000	46.61	-6.88	39.73	-34.27	74.00	100	72	Peak
4		1572.000	48.92	-7.12	41.80	-32.20	74.00	100	132	Peak
5		1659.000	47.91	-7.10	40.81	-33.19	74.00	100	151	Peak
6		2239.000	45.40	-5.06	40.34	-33.66	74.00	100	360	Peak

Note:

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

EUT	Module	Date of Test	2022-12-08
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_RX_CH 6_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	1000.000	50.25	-7.34	42.91	-31.09	74.00	100	266	Peak
2	1432.000	48.96	-6.91	42.05	-31.95	74.00	100	206	Peak
3	* 1615.000	51.68	-7.15	44.53	-29.47	74.00	100	275	Peak
4	2494.000	46.39	-4.76	41.62	-32.38	74.00	100	203	Peak
5	3186.000	46.86	-3.07	43.79	-30.21	74.00	100	257	Peak
6	4000.000	43.72	-0.73	42.99	-31.01	74.00	100	32	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

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

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

7.7.2. Test Procedure Used

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

7.7.3. Test Setting

Peak Field Strength Measurements

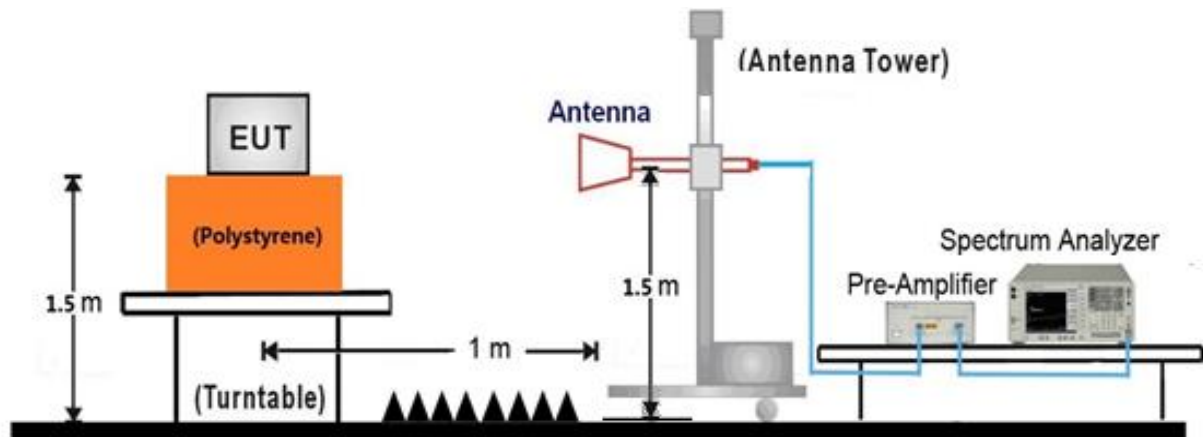
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3 * RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

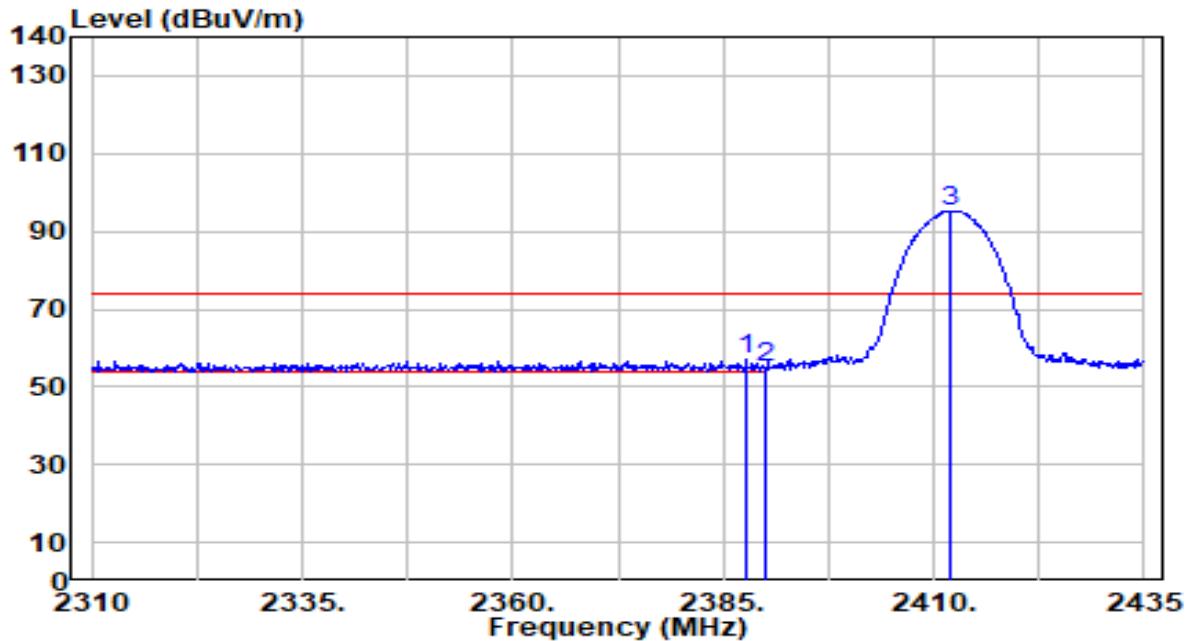
7.7.4. Test Setup

1GHz ~ 18GHz Test Setup:



7.7.5. Test Result

EUT	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

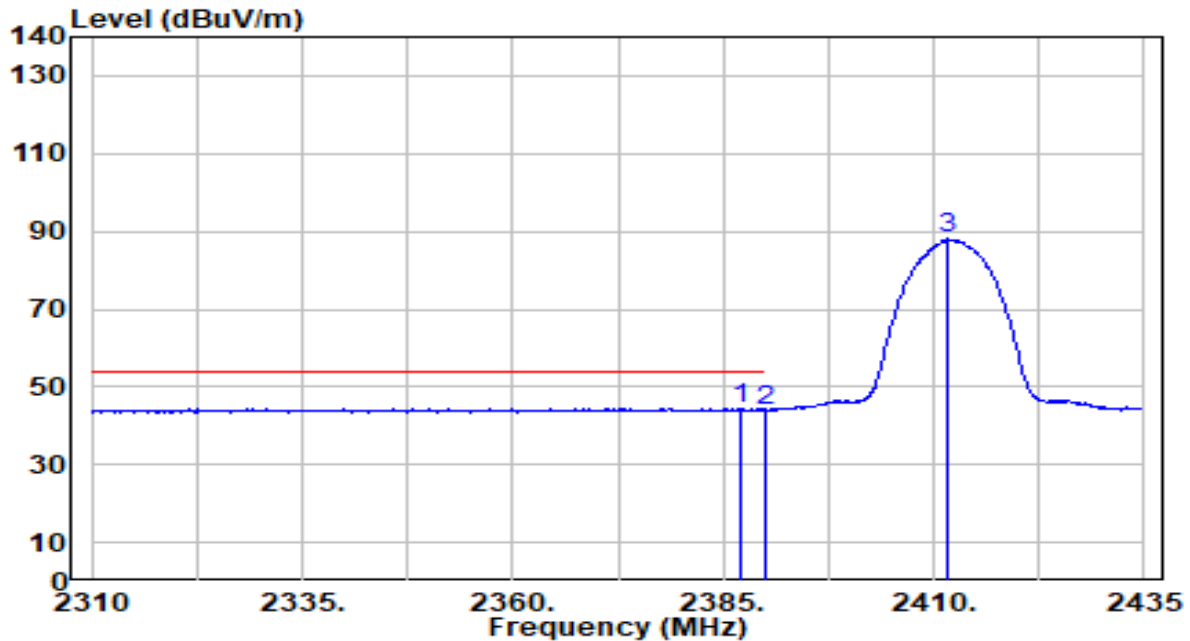


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.750	26.39	30.61	57.00	-17.00	74.00	158	21	Peak
2		2390.000	24.15	30.61	54.76	-19.24	74.00	158	21	Peak
3		2412.000	64.61	30.67	95.27	N/A	N/A	158	21	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

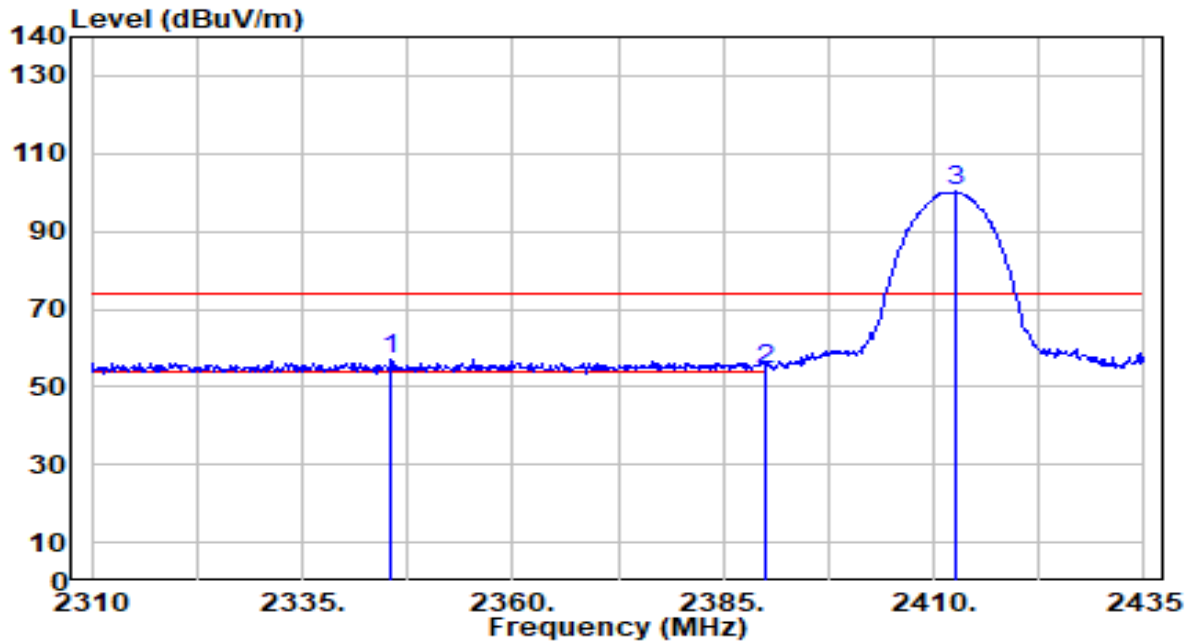


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.000	13.80	30.61	44.41	-9.59	54.00	158	21	Average
2		2390.000	13.29	30.61	43.90	-10.10	54.00	158	21	Average
3		2411.750	57.36	30.67	88.03	N/A	N/A	158	21	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

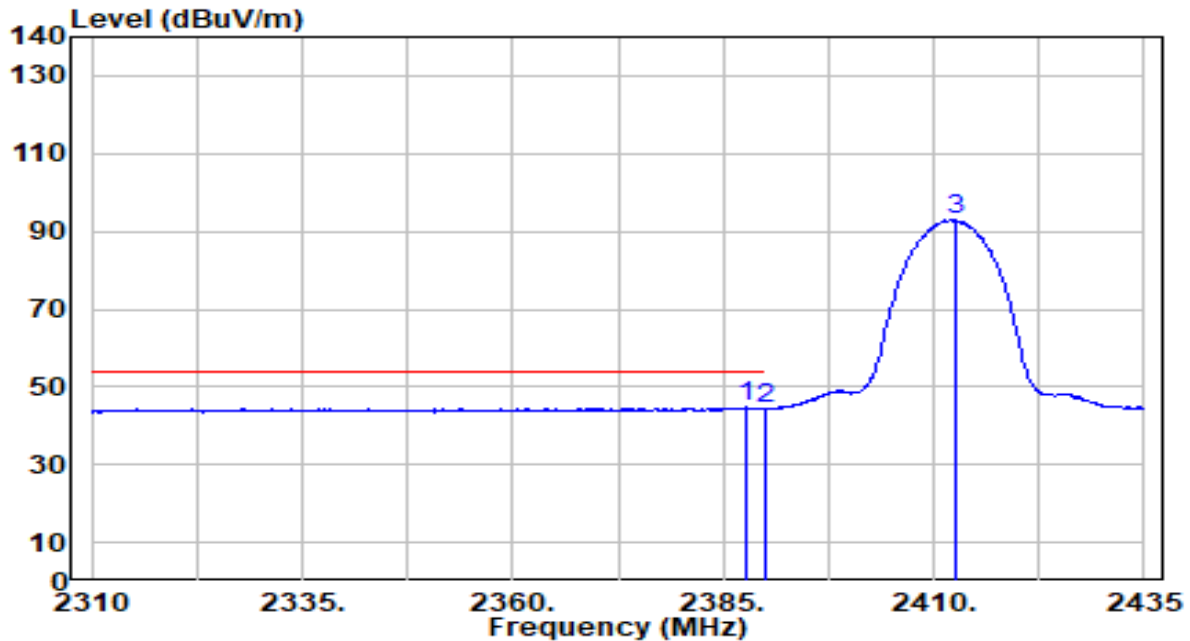


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2345.625	26.51	30.55	57.06	-16.94	74.00	188	360	Peak
2		2390.000	23.85	30.61	54.46	-19.54	74.00	188	360	Peak
3		2412.625	69.55	30.67	100.22	N/A	N/A	188	360	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

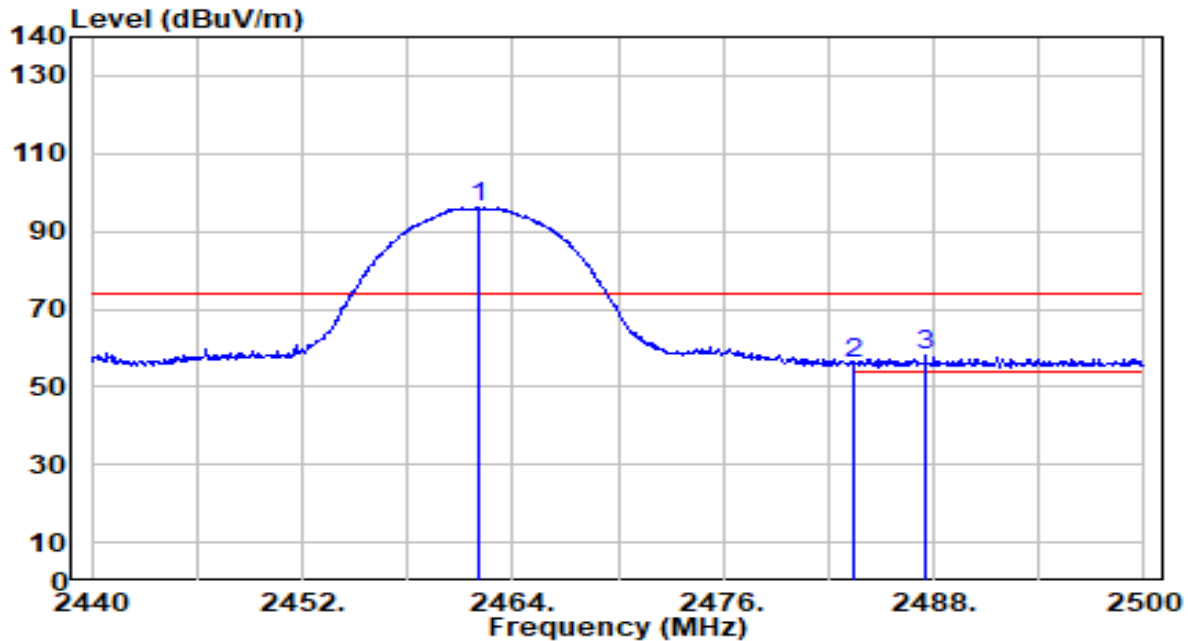


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.750	14.07	30.61	44.68	-9.32	54.00	188	360	Average
2		2390.000	13.72	30.61	44.34	-9.66	54.00	188	360	Average
3		2412.625	62.31	30.67	92.98	N/A	N/A	188	360	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

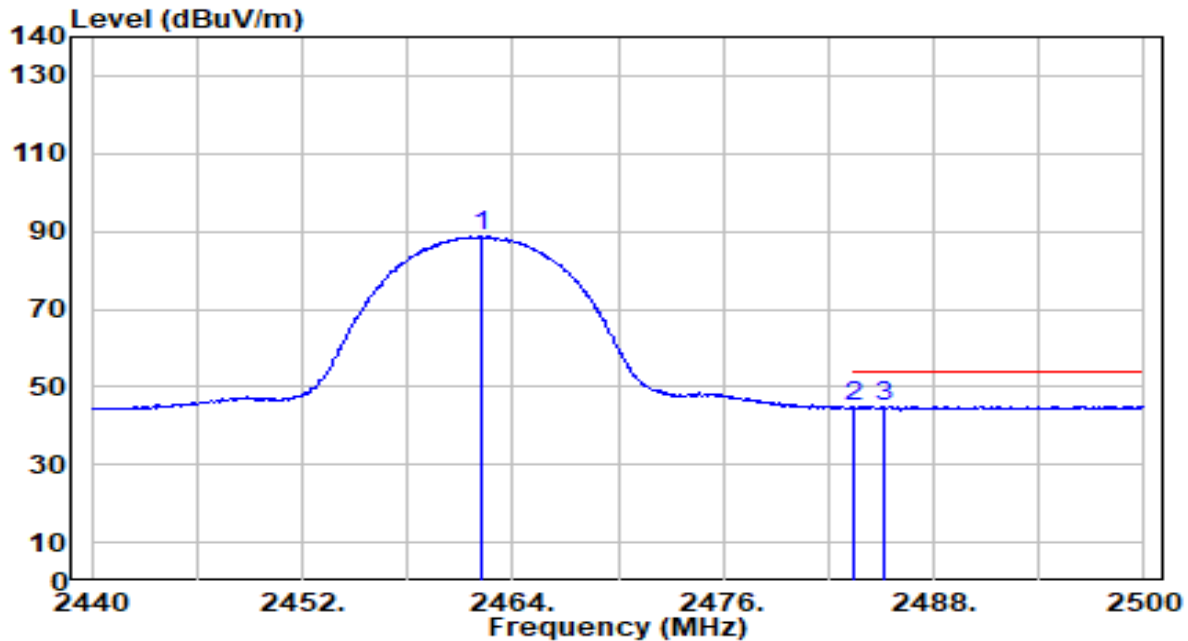


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2462.140	65.20	30.84	96.04	N/A	N/A	174	30	Peak
2	2483.500	24.91	30.91	55.83	-18.17	74.00	174	30	Peak
3	* 2487.520	27.04	30.93	57.97	-16.03	74.00	174	30	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

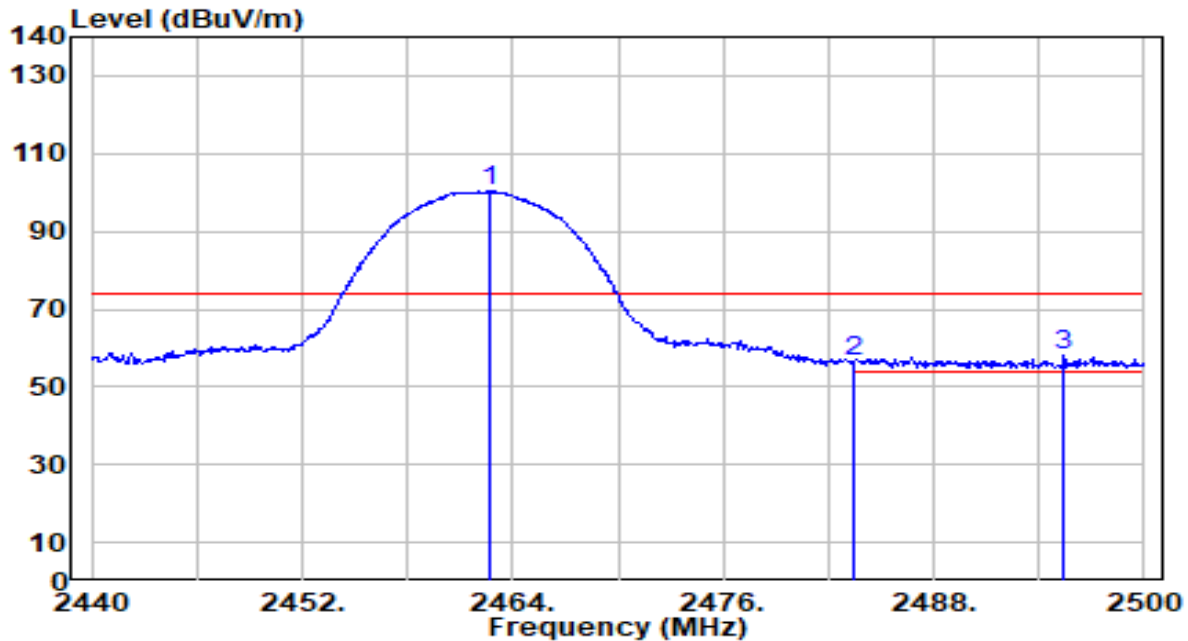


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2462.200	57.73	30.84	88.57	N/A	N/A	174	30	Average
2	2483.500	13.73	30.91	44.65	-9.35	54.00	174	30	Average
3	* 2485.180	14.04	30.92	44.96	-9.04	54.00	174	30	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

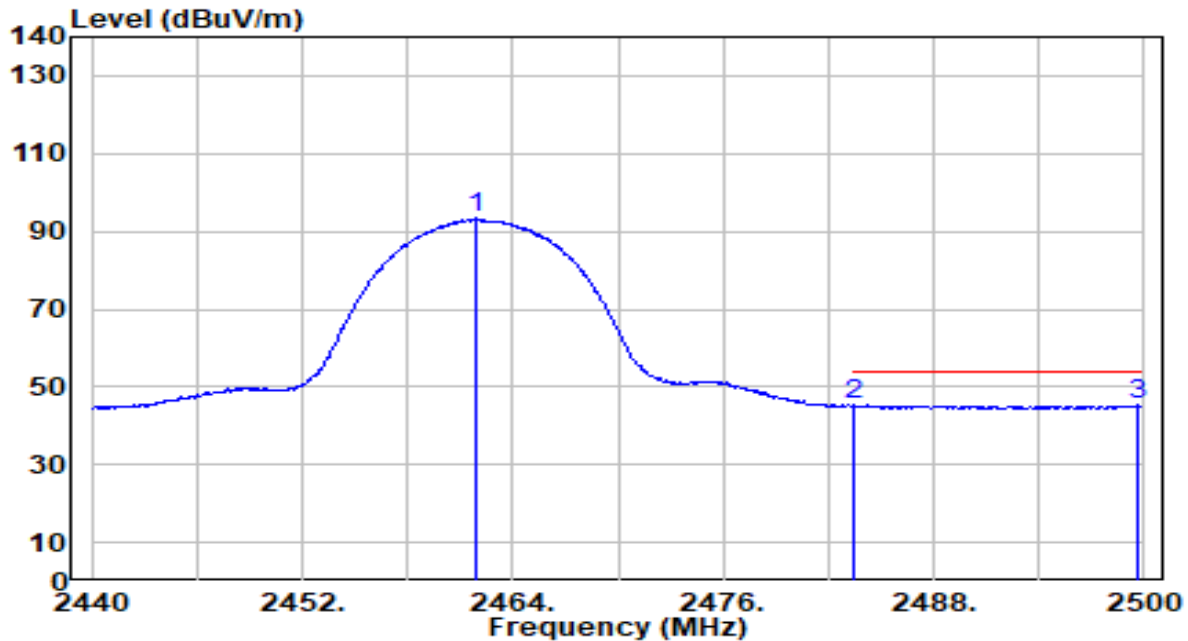


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2462.680	69.35	30.84	100.19	N/A	N/A	206	4	Peak
2	2483.500	25.59	30.91	56.50	-17.50	74.00	206	4	Peak
3	* 2495.380	27.02	30.95	57.97	-16.03	74.00	206	4	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

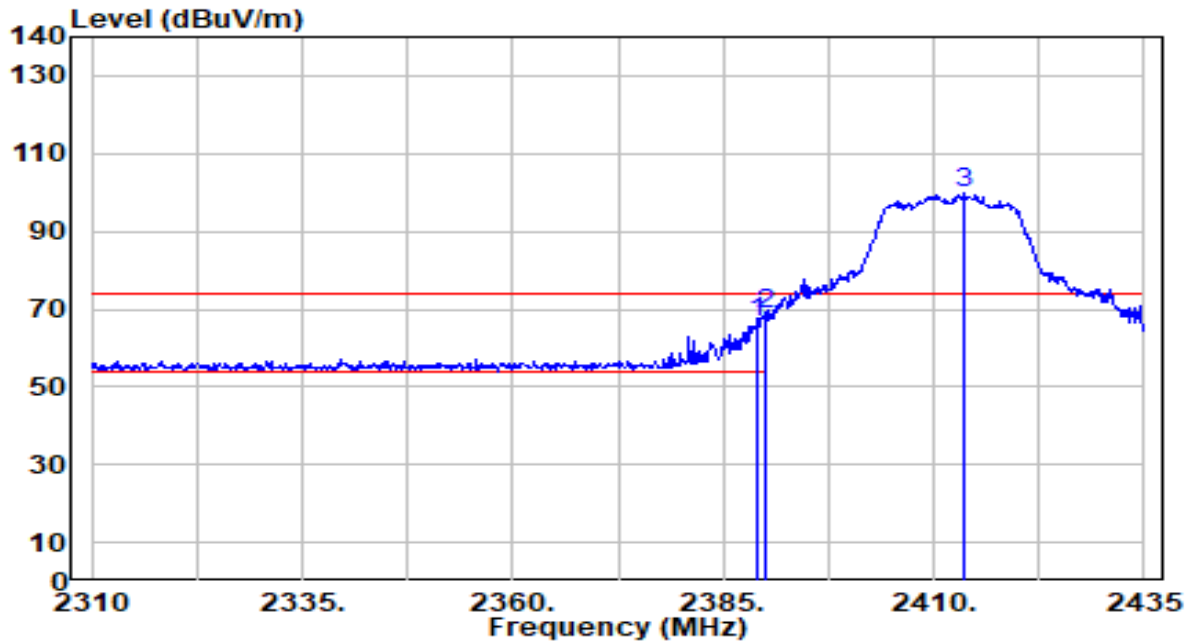


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.900	62.49	30.84	93.33	N/A	N/A	206	4	Average
2	2483.500	14.35	30.91	45.27	-8.73	54.00	206	4	Average
3	* 2499.640	14.33	30.97	45.30	-8.70	54.00	206	4	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

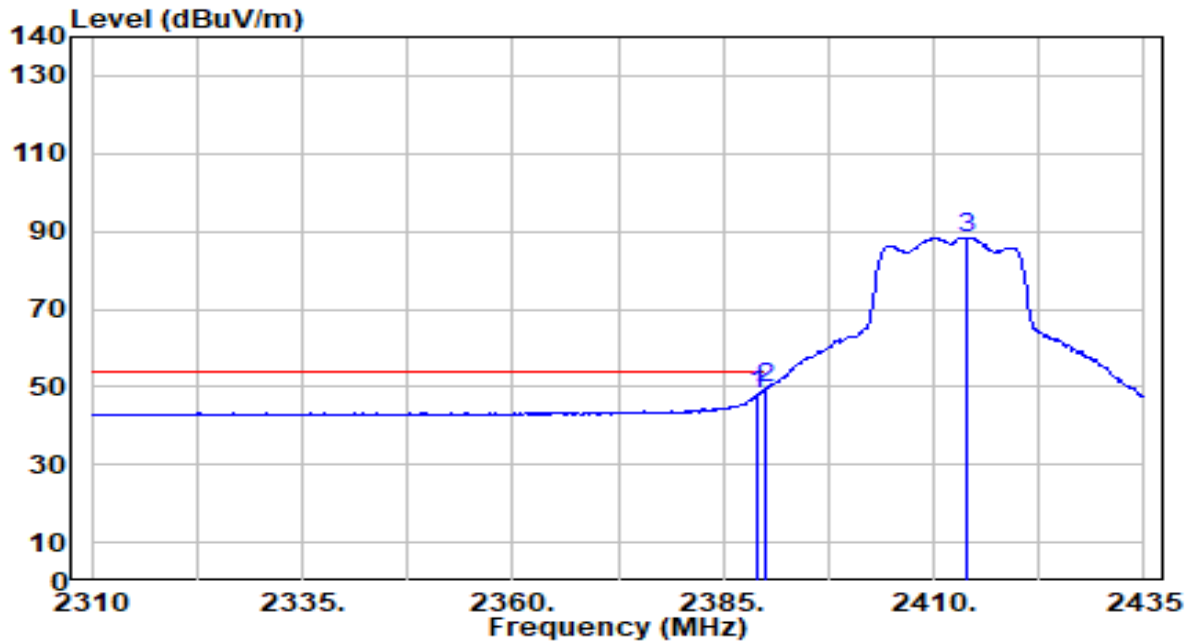


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	35.74	30.61	66.35	-7.65	74.00	116	25	Peak
2	* 2390.000	37.98	30.61	68.59	-5.41	74.00	116	25	Peak
3	2413.750	68.92	30.68	99.59	N/A	N/A	116	25	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

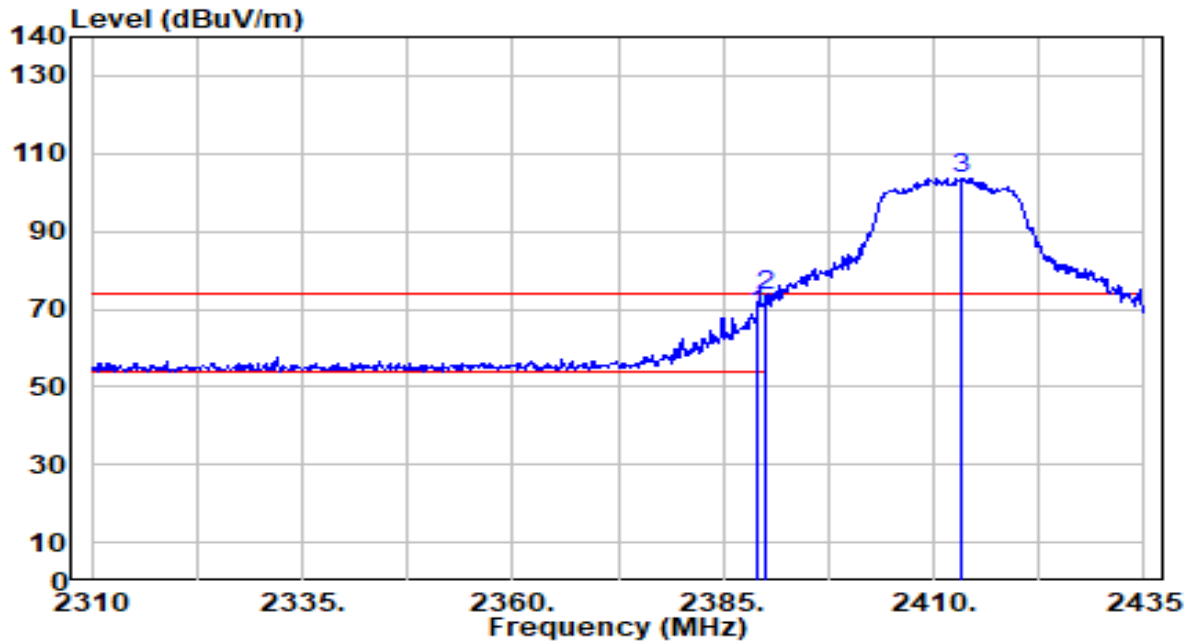


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	17.27	30.61	47.88	-6.12	54.00	116	25	Average
2	* 2390.000	18.86	30.61	49.47	-4.53	54.00	116	25	Average
3	2413.875	57.80	30.68	88.48	N/A	N/A	116	25	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

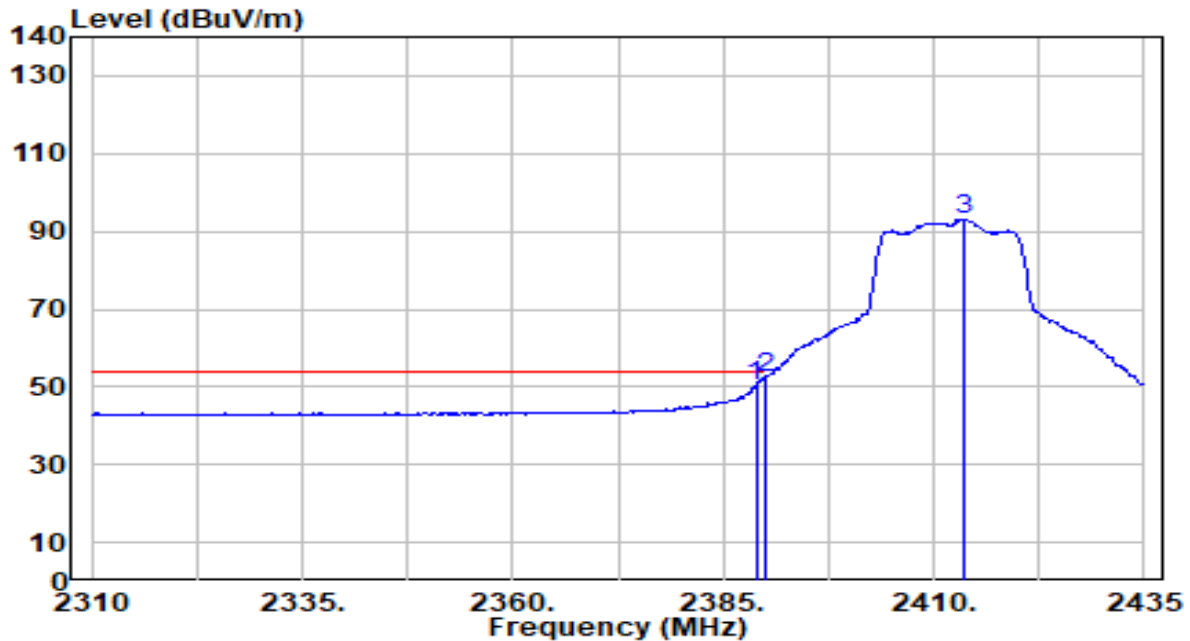


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	38.14	30.61	68.75	-5.25	74.00	192	5	Peak
2	* 2390.000	42.66	30.61	73.27	-0.73	74.00	192	5	Peak
3	2413.125	73.10	30.67	103.77	N/A	N/A	192	5	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

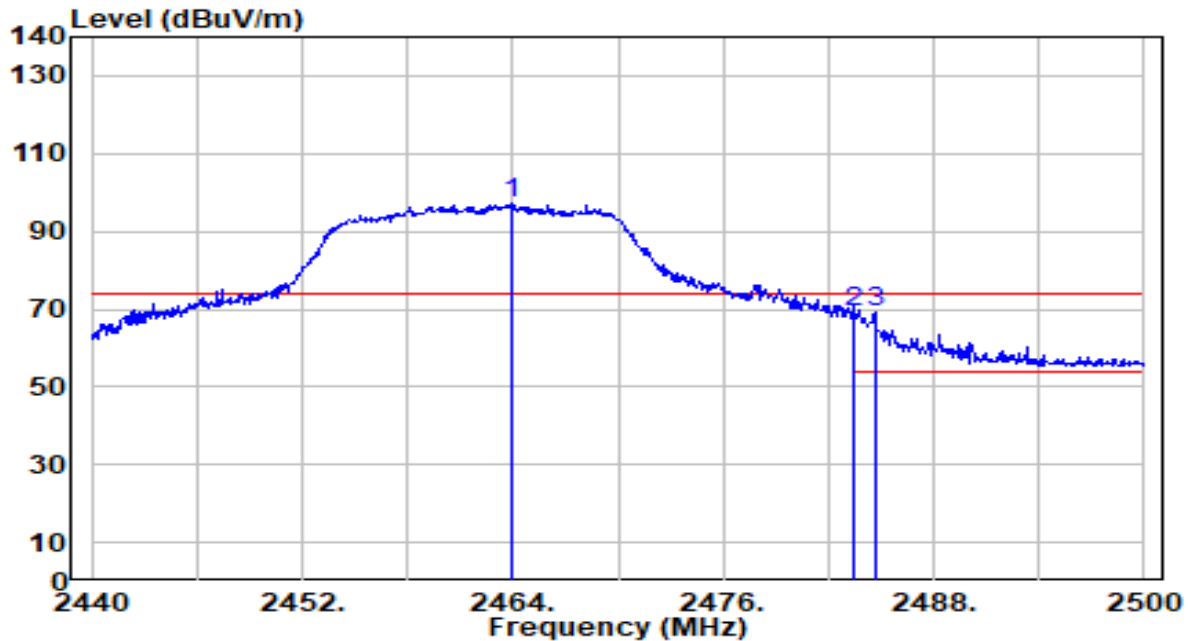


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.875	19.79	30.61	50.40	-3.60	54.00	192	5	Average
2	* 2390.000	21.81	30.61	52.42	-1.58	54.00	192	5	Average
3	2413.625	62.24	30.67	92.92	N/A	N/A	192	5	Average

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

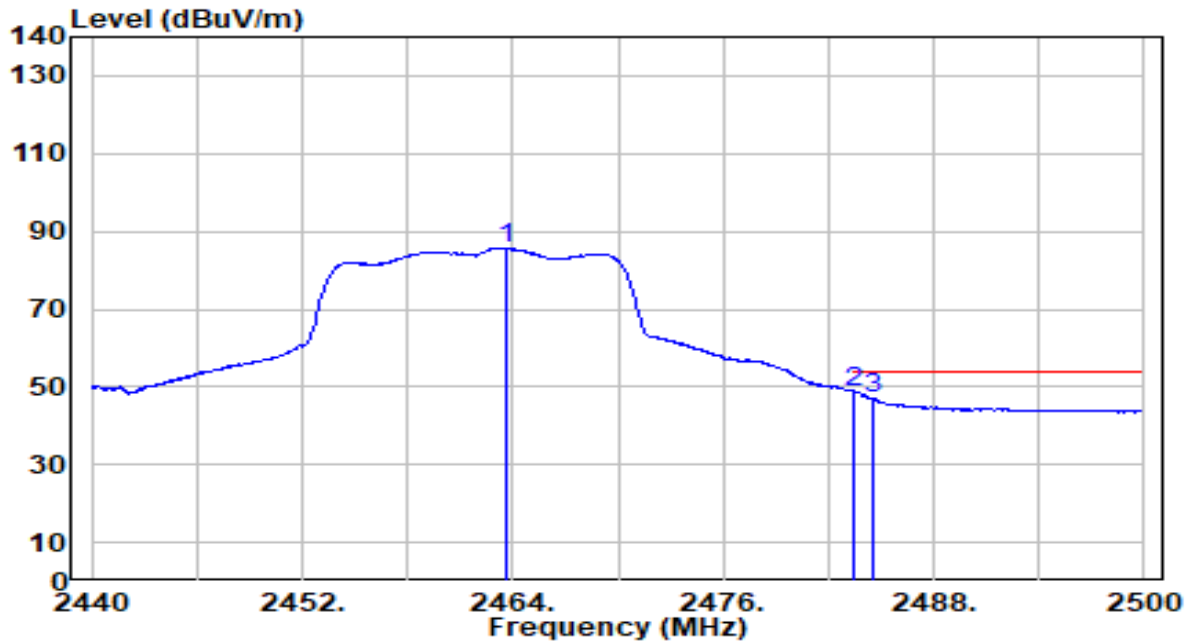


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.880	66.25	30.85	97.09	N/A	N/A	100	24	Peak
2	* 2483.500	38.29	30.91	69.20	-4.80	74.00	100	24	Peak
3	2484.640	38.22	30.92	69.14	-4.86	74.00	100	24	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

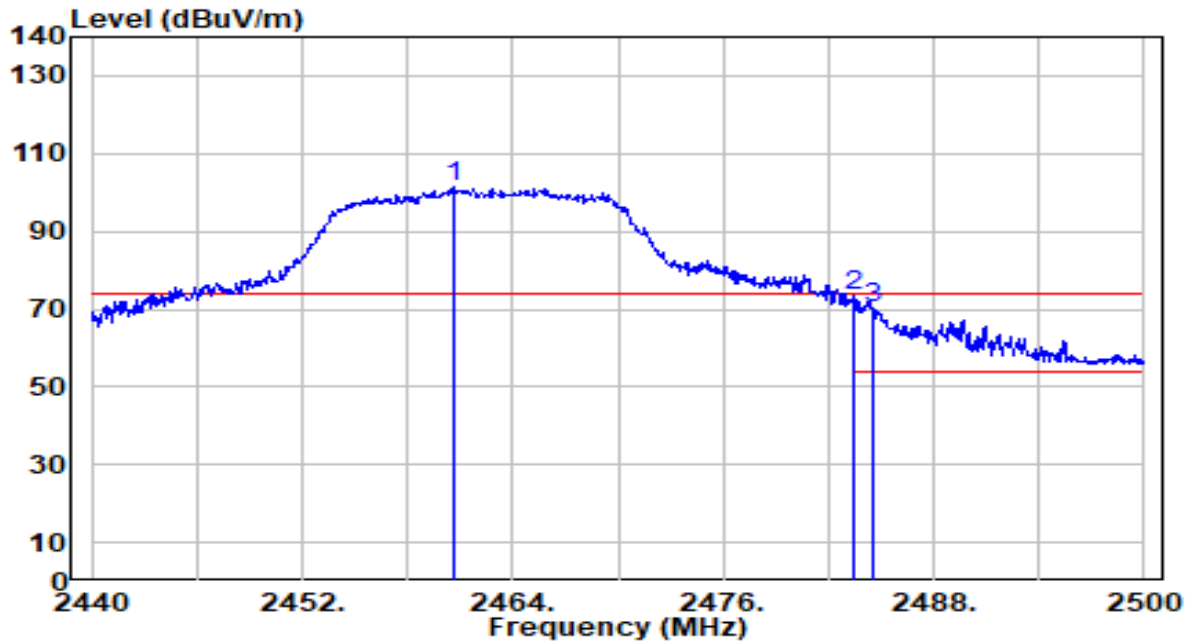


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.640	54.93	30.85	85.77	N/A	N/A	100	24	Average
2	* 2483.500	17.84	30.91	48.75	-5.25	54.00	100	24	Average
3	2484.520	16.01	30.92	46.92	-7.08	54.00	100	24	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

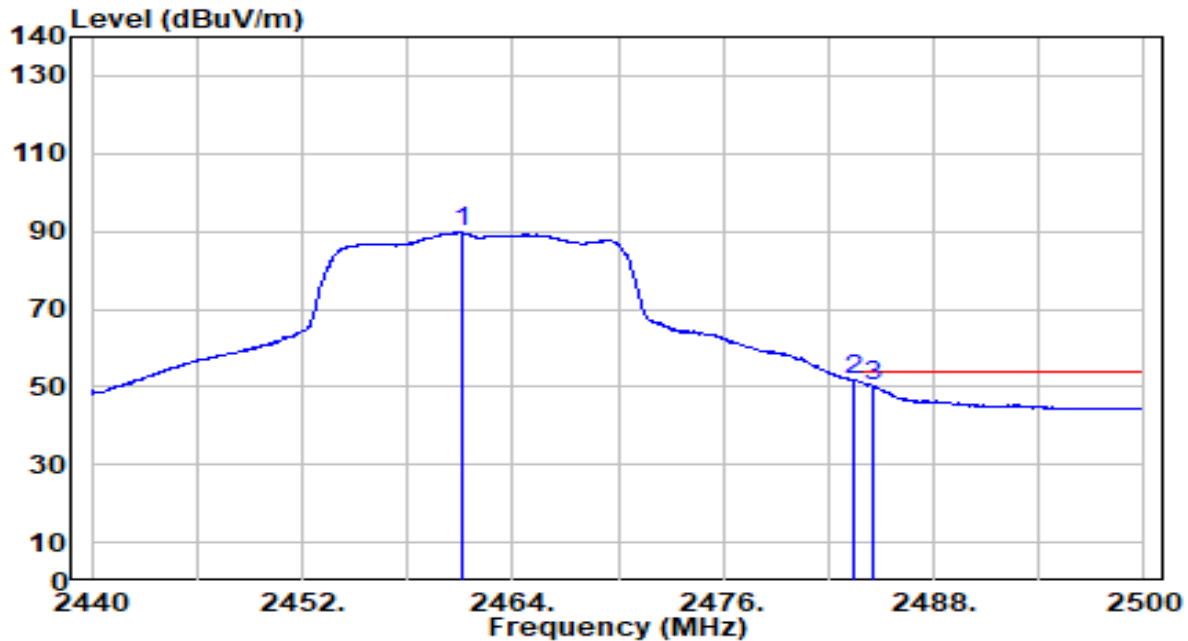


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2460.640	70.74	30.84	101.58	N/A	N/A	184	5	Peak
2	* 2483.500	42.57	30.91	73.48	-0.52	74.00	184	5	Peak
3	2484.520	39.41	30.92	70.33	-3.67	74.00	184	5	Peak

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

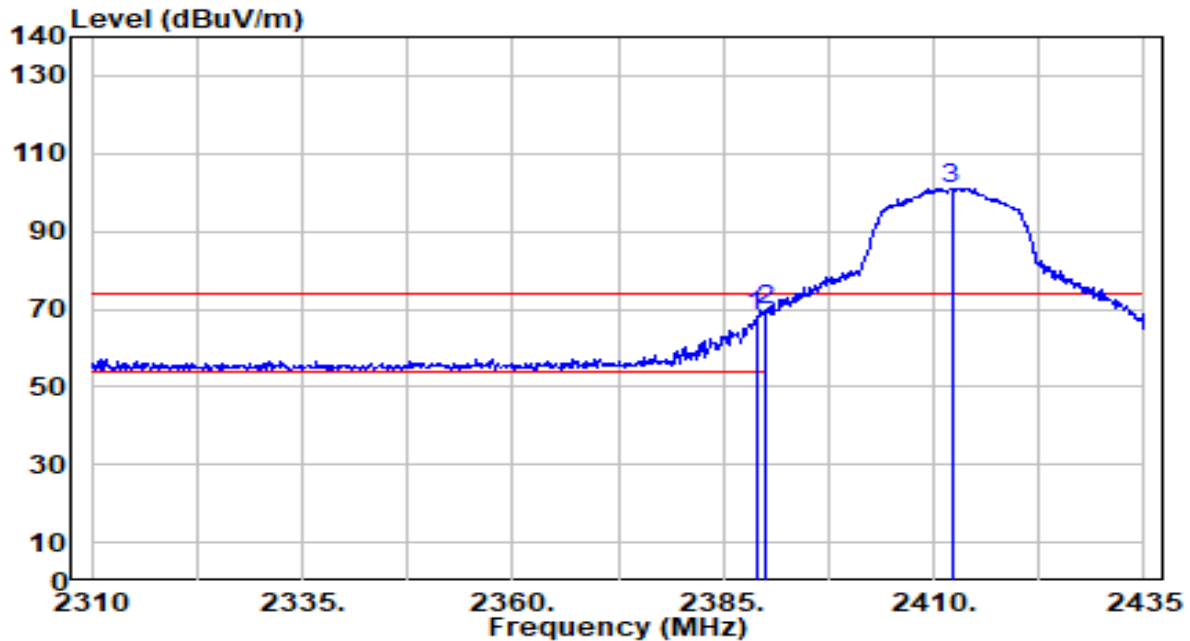


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.120	58.95	30.84	89.79	N/A	N/A	184	5	Average
2	* 2483.500	20.63	30.91	51.55	-2.45	54.00	184	5	Average
3	2484.520	19.30	30.92	50.22	-3.78	54.00	184	5	Average

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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

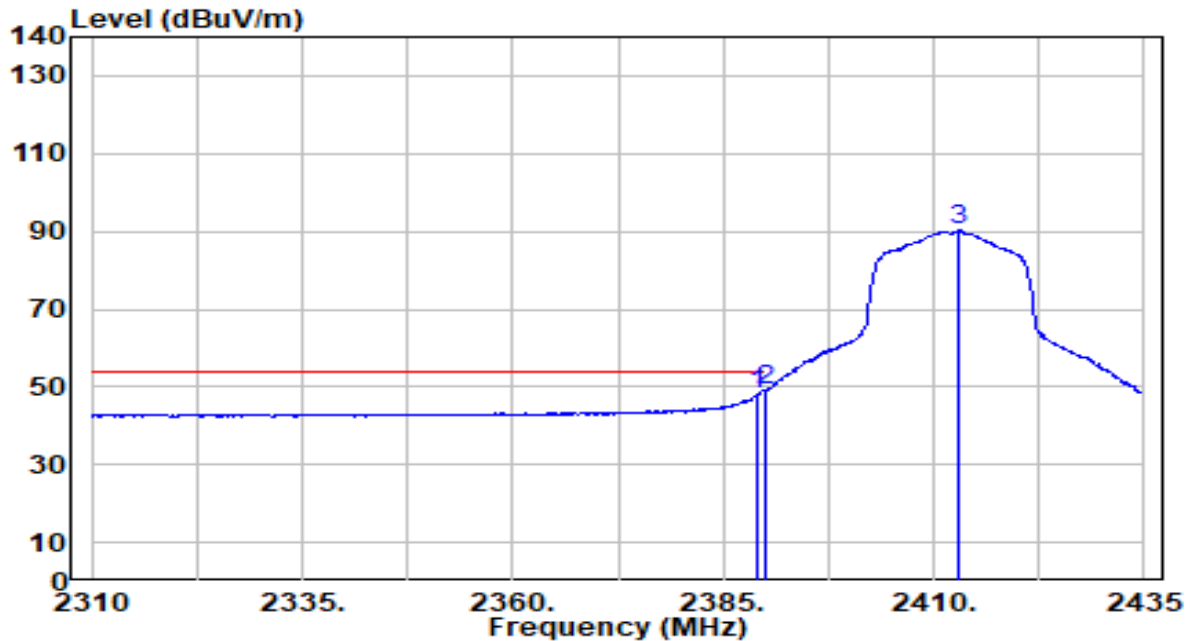


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.875	37.45	30.61	68.06	-5.94	74.00	116	13	Peak
2	* 2390.000	39.30	30.61	69.91	-4.09	74.00	116	13	Peak
3	2412.125	70.40	30.67	101.07	N/A	N/A	116	13	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

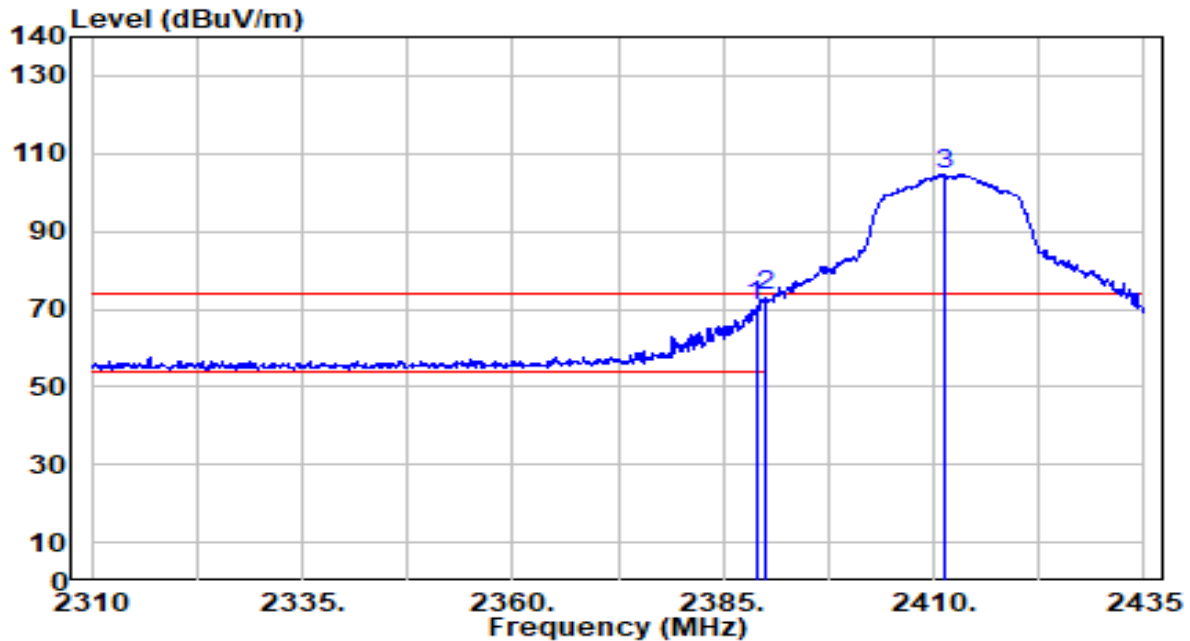


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2389.000	17.46	30.61	48.07	-5.93	54.00	116	13	Average
2	* 2390.000	18.69	30.61	49.30	-4.70	54.00	116	13	Average
3	2413.000	59.52	30.67	90.20	N/A	N/A	116	13	Average

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (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	Module	Date of Test	2022-12-08
Factor	DRH18-E	Temp. / Humidity	22°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11n-20MHz_TX_CH 1_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	2388.875	40.20	30.61	70.81	-3.19	74.00	179	0	Peak
2	* 2390.000	42.75	30.61	73.37	-0.63	74.00	179	0	Peak
3	2411.250	73.77	30.67	104.44	N/A	N/A	179	0	Peak

Note:

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