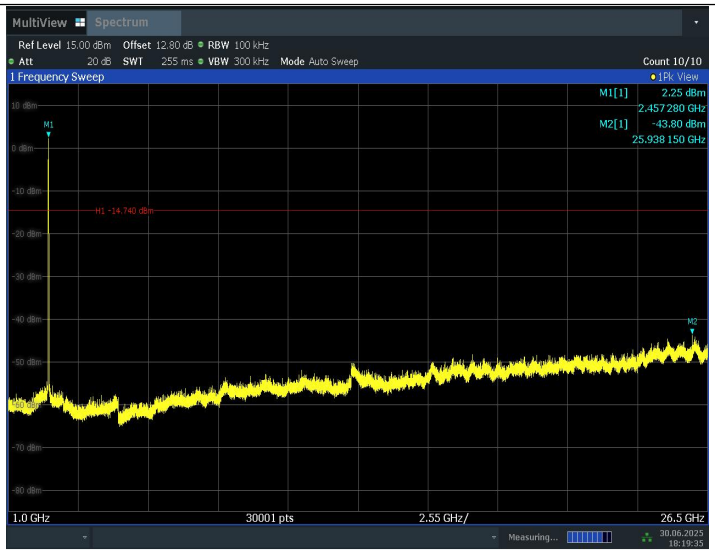
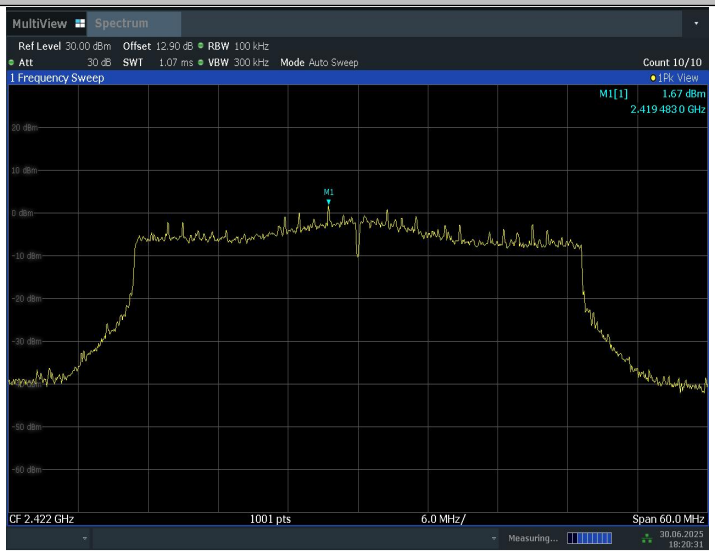


18:19:35 30.06.2025

11AX40MIMO_CH2_2422_0~Reference



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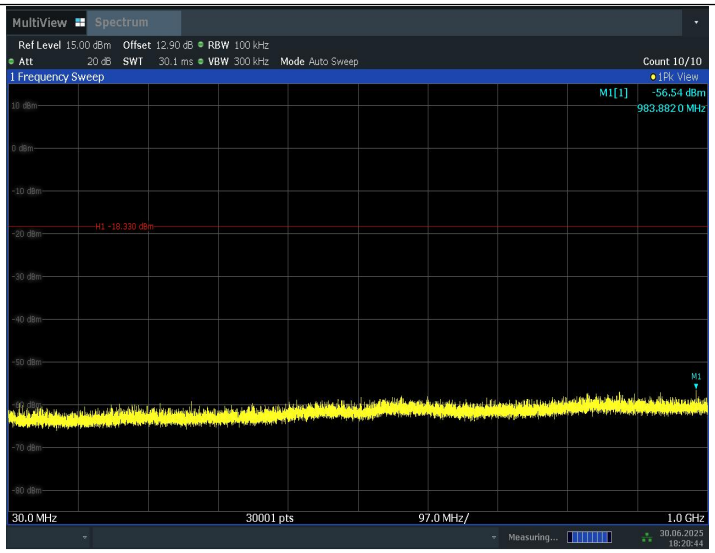

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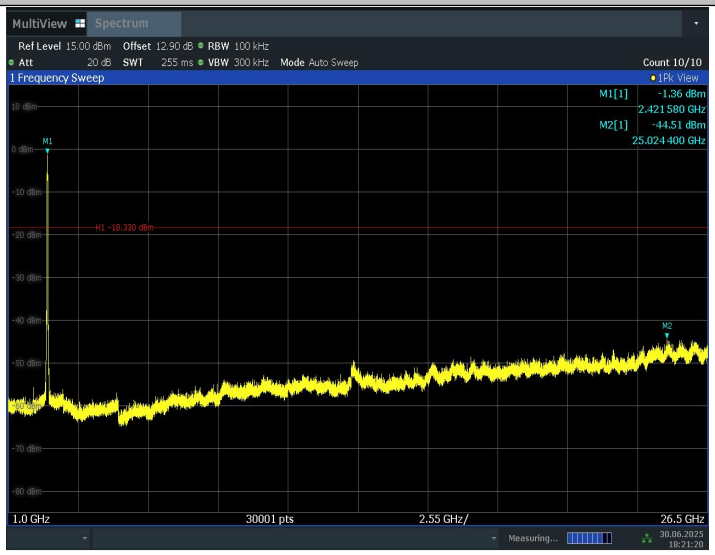
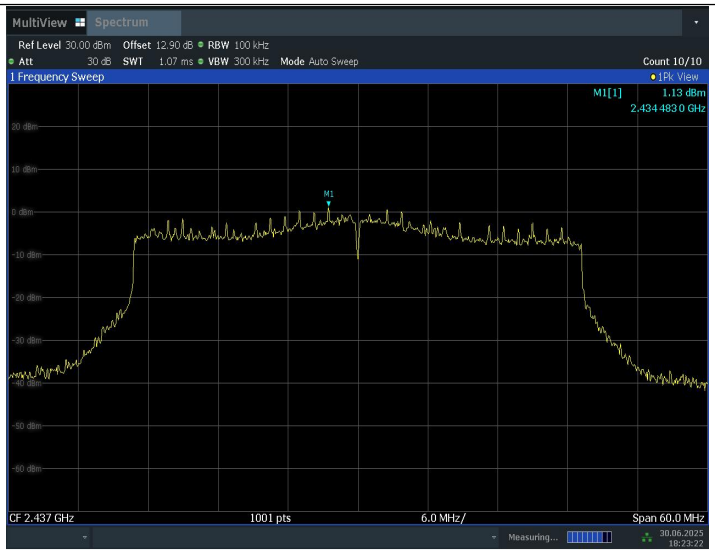
11AX40MIMO_CH2_2422_1000~26500



18:21:21 30.06.2025

11AX40MIMO_CH2_2437_0~Reference



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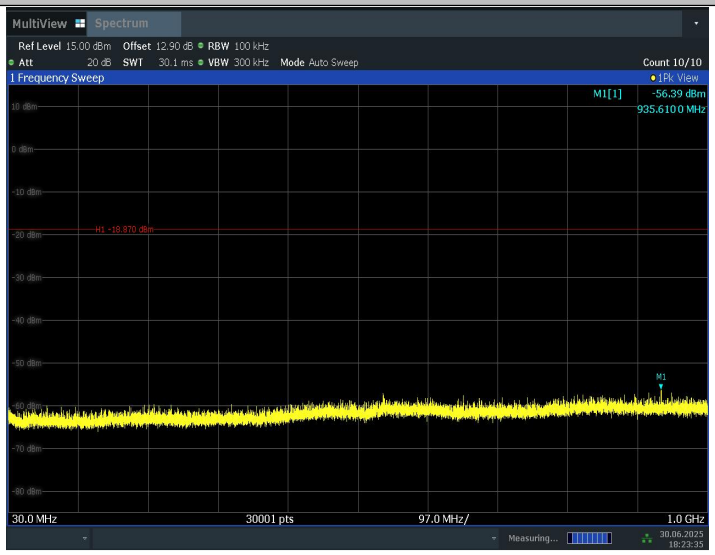
11AX40MIMO_CH2_2437_30~1000



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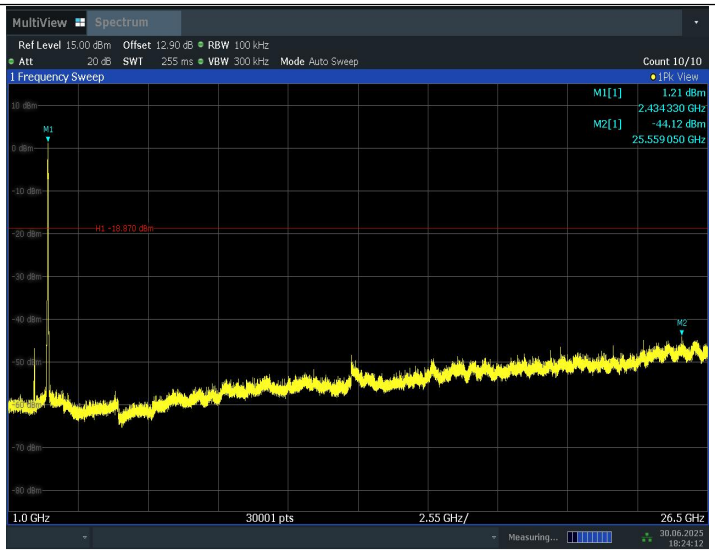
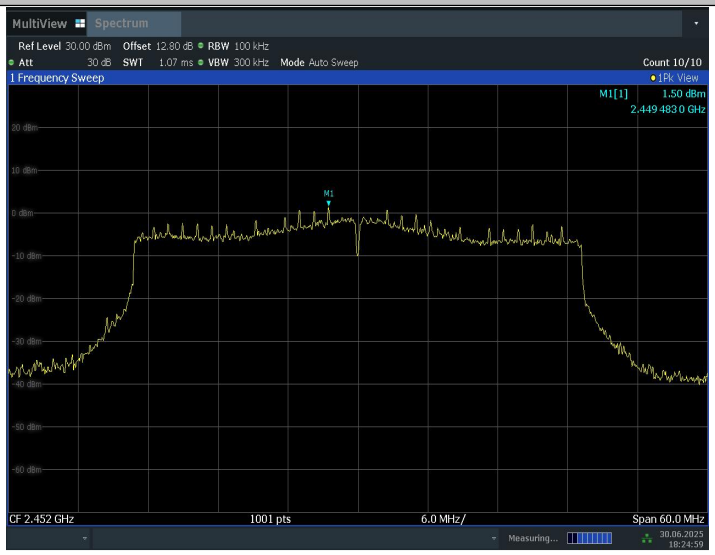
11AX40MIMO_CH2_2437_1000~26500



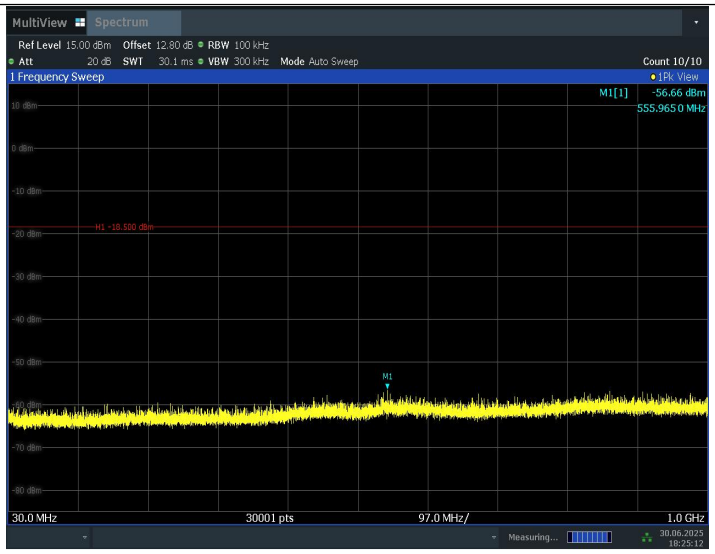
18:24:12 30.06.2025

11AX40MIMO_CH2_2452_0~Reference



18:25:00 30.06.2025

11AX40MIMO_CH2_2452_30~1000



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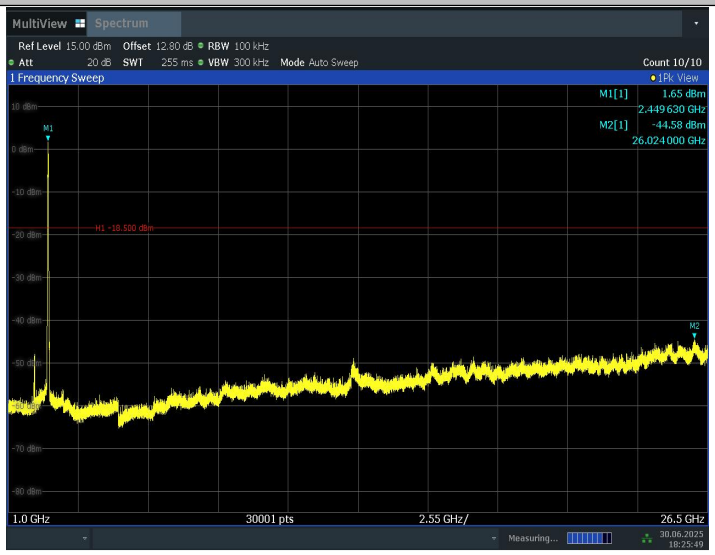
11AX40MIMO_CH2_2452_1000~26500



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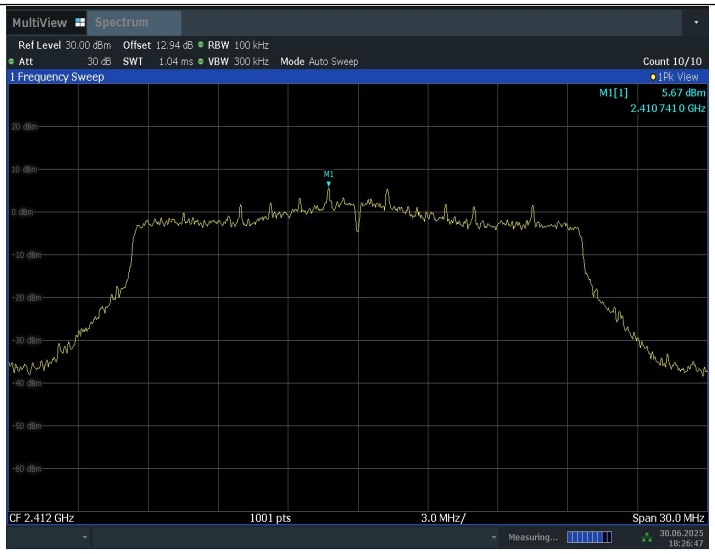
11BE20MIMO_CH2_2412_0~Reference



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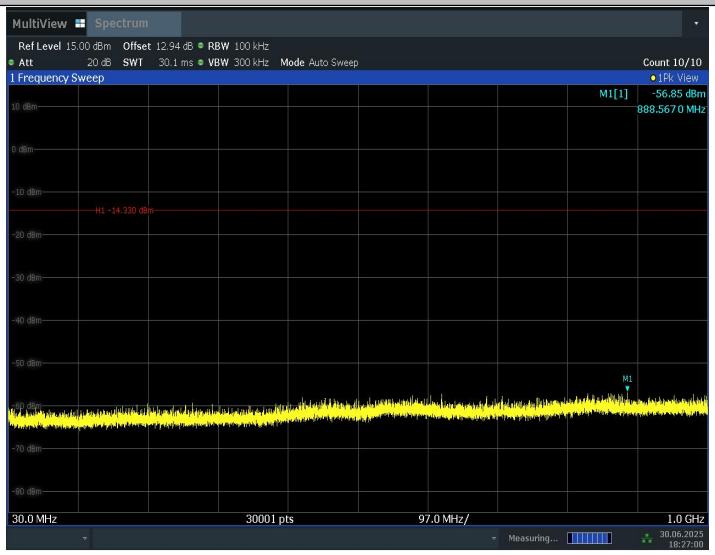
11BE20MIMO_CH2_2412_30~1000



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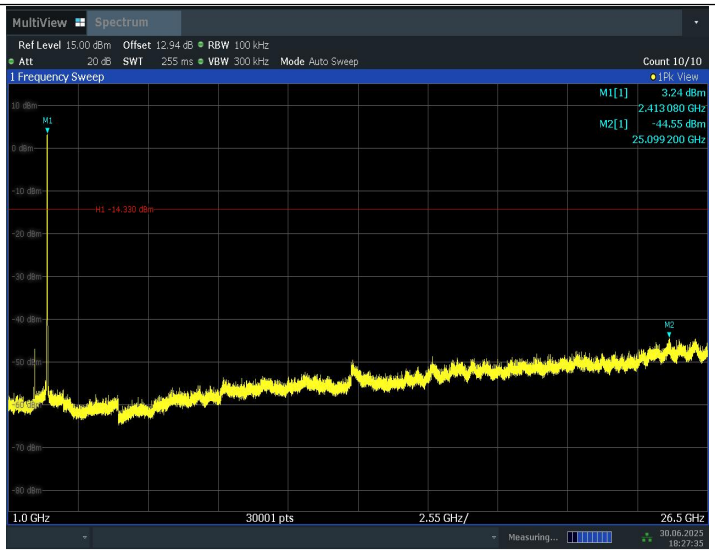
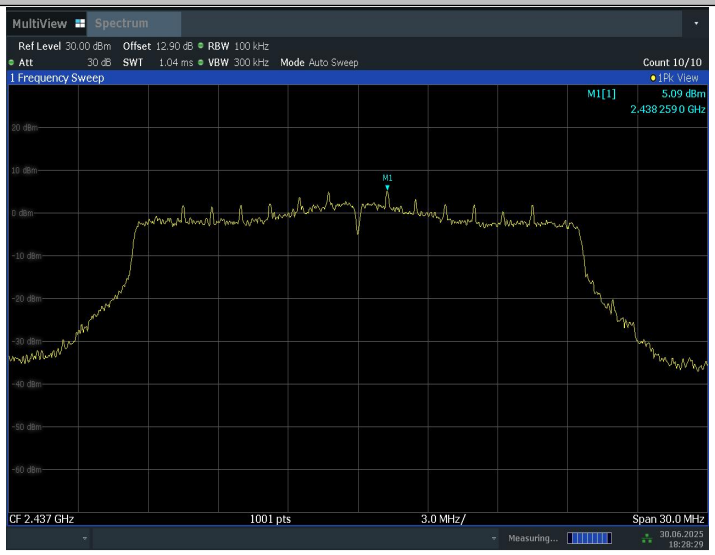
11BE20MIMO_CH2_2412_1000~26500



18:27:36 30.06.2025

11BE20MIMO_CH2_2437_0~Reference



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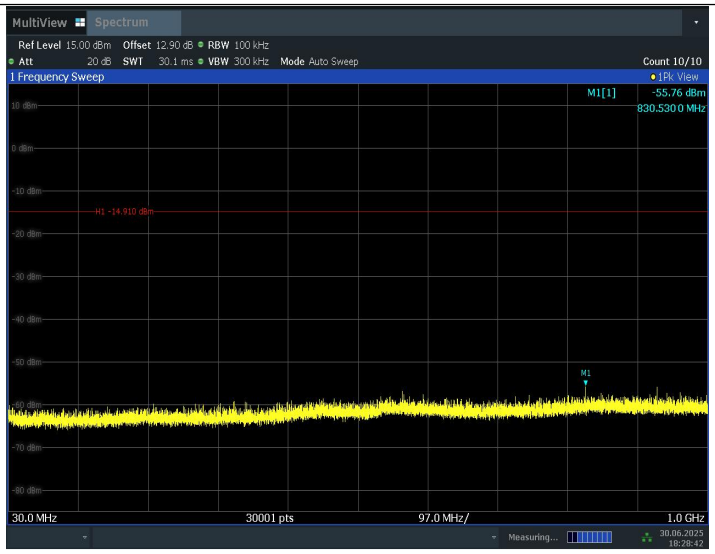
11BE20MIMO_CH2_2437_30~1000



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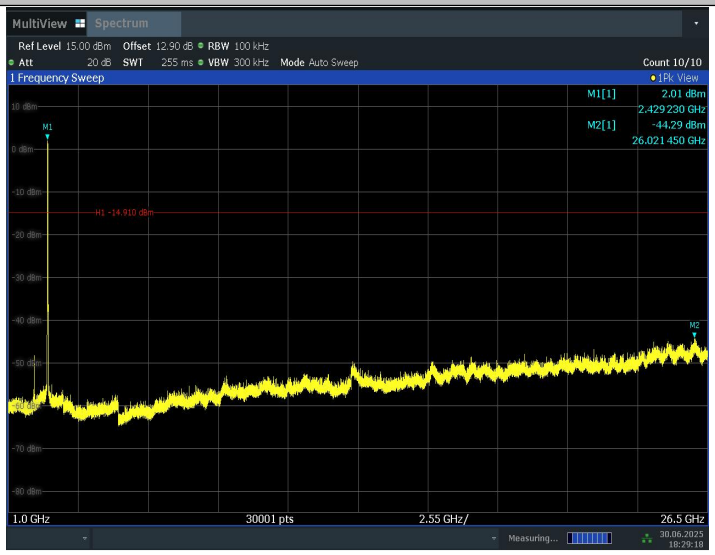
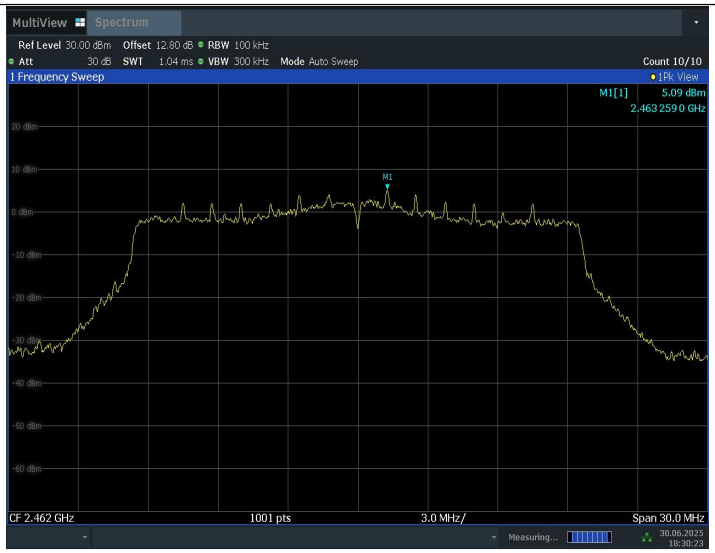
11BE20MIMO_CH2_2437_1000~26500



18:29:19 30.06.2025

11BE20MIMO_CH2_2462_0~Reference



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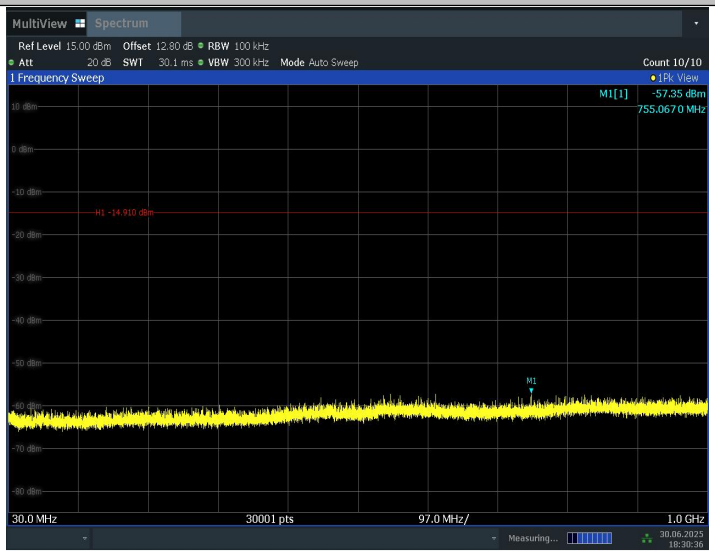
11BE20MIMO_CH2_2462_30~1000



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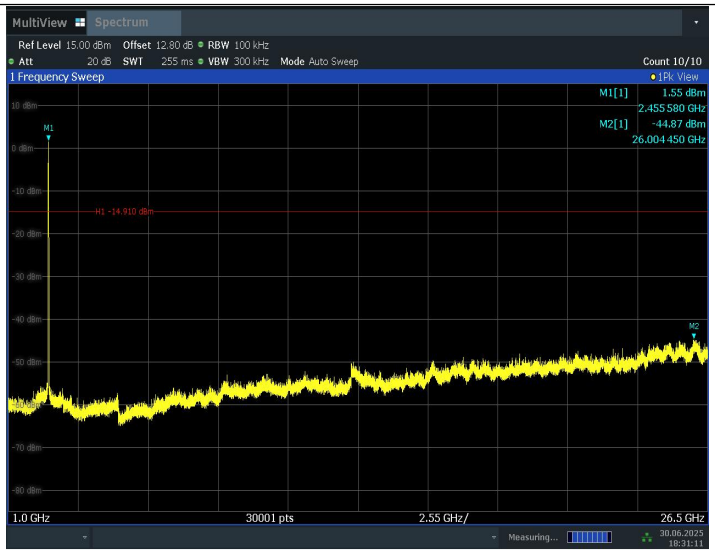
11BE20MIMO_CH2_2462_1000~26500



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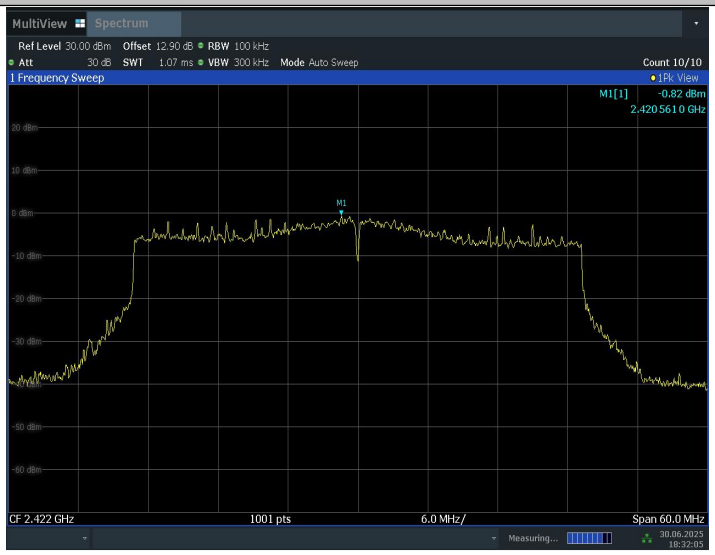
11BE40MIMO_CH2_2422_0~Reference



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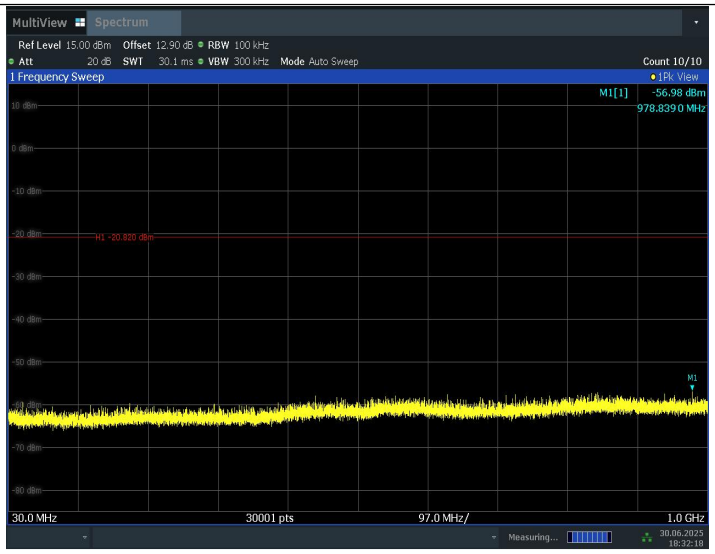
11BE40MIMO_CH2_2422_30~1000



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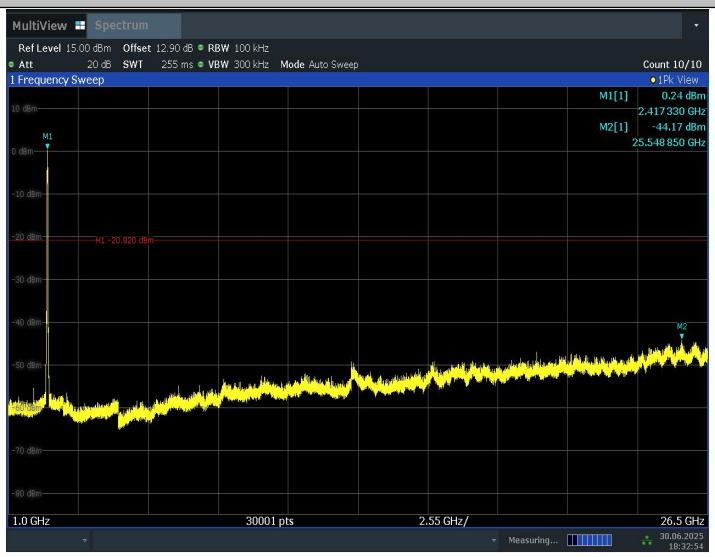

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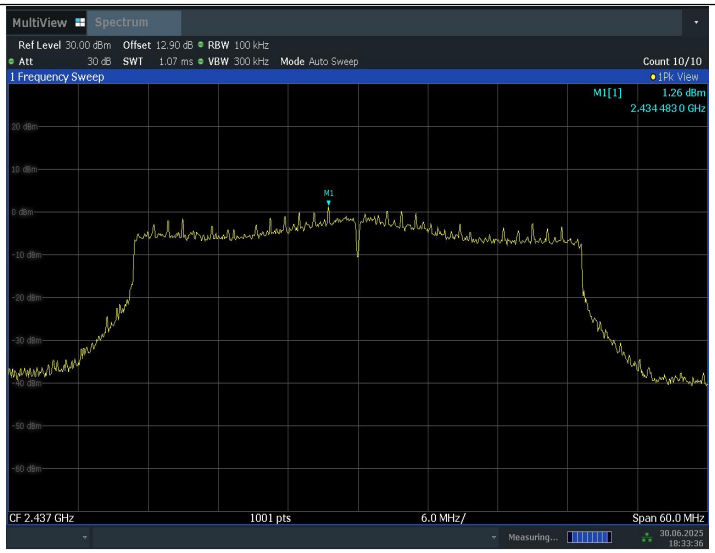
11BE40MIMO_CH2_2437_0~Reference



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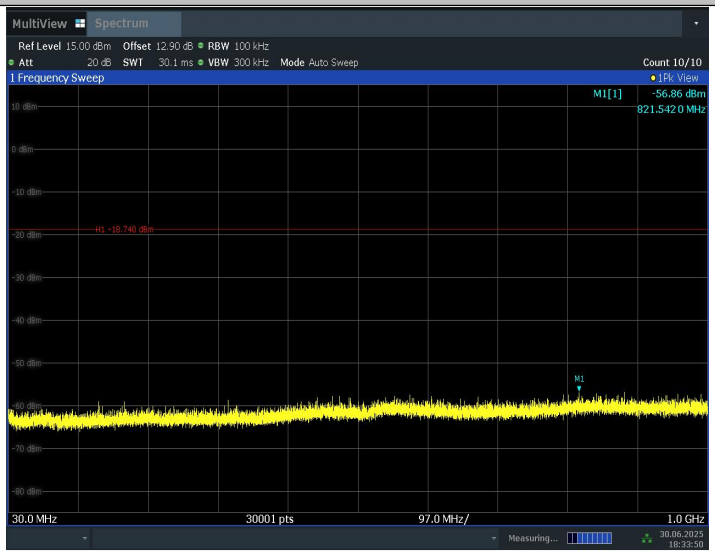
11BE40MIMO_CH2_2437_30~1000



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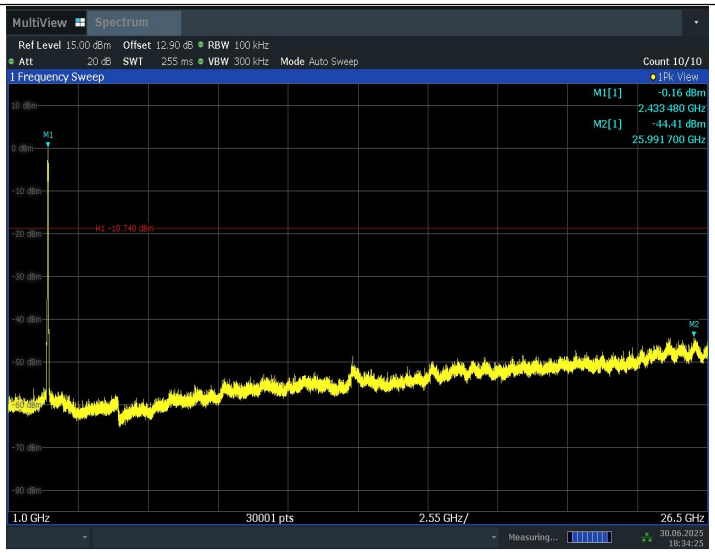
11BE40MIMO_CH2_2437_1000~26500



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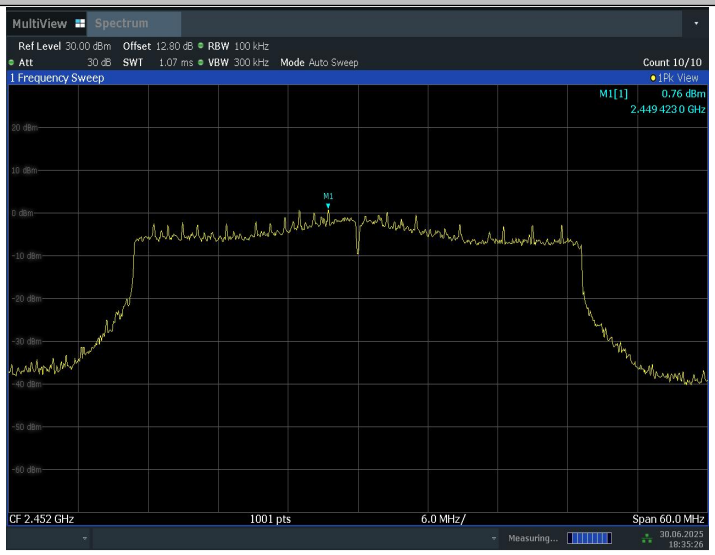
11BE40MIMO_CH2_2452_0~Reference



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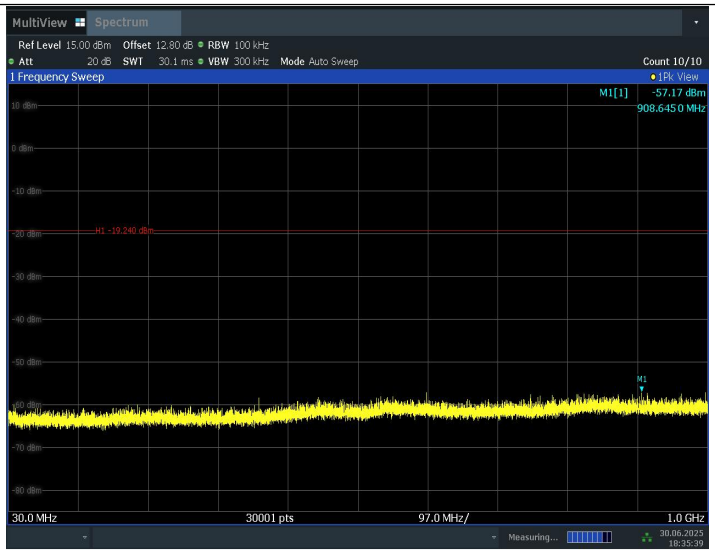
11BE40MIMO_CH2_2452_30~1000



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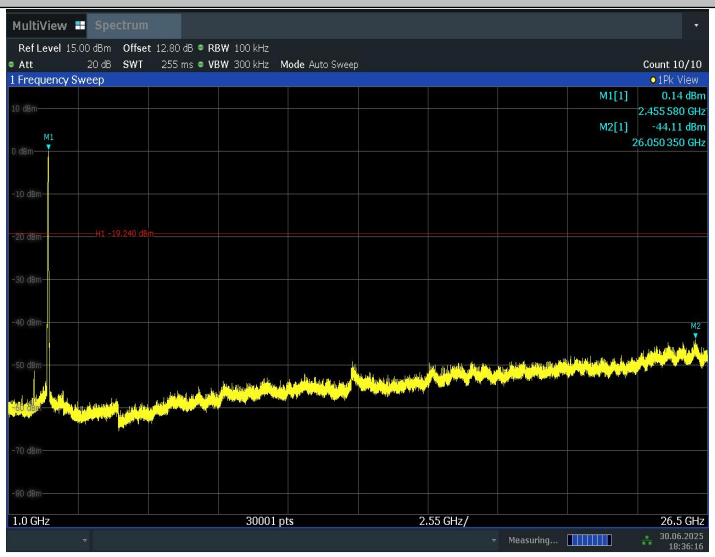
11BE40MIMO_CH2_2452_1000~26500



18:36:16 30.06.2025

A.6.2 Transmitter Spurious Emission - Radiated

Method of Measurement: See ANSI C63.10-2013-clause 6.4 &6.5 & 6.6

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Frequency (MHz)	Field strength(μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

Test Condition

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

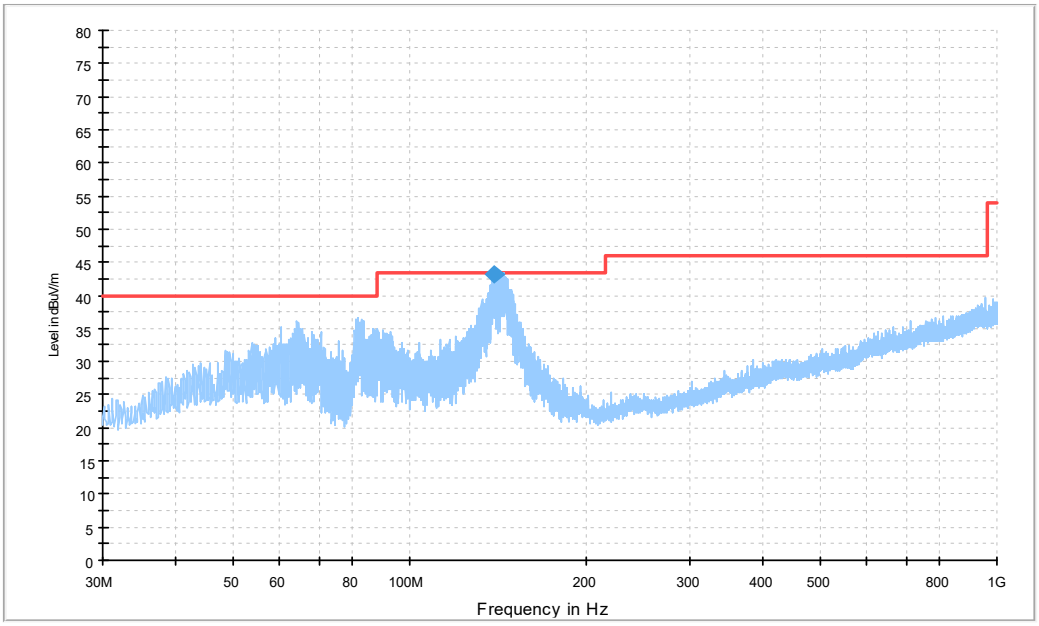
Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

EUT ID: UT02a

Measurement Results:

Note:

1. The spurious emission above 18G is noise only.
2. All emissions below 30MHz are more than 20dB below the limit.
3. All SISO and MIMO emissions have been checked, only the worst cases were reported.



Transmitter Spurious Emission - Radiated (Power): 30MHz - 1GHz

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)
139.339000	43.2	100.0	V	0.0	-4.7	0.3	43.5

802.11b mode

Mode	Channel	Test Results	Conclusion
802.11b	1	Fig.A.6.2.1	P
	11	Fig.A.6.2.2	P

802.11g mode

Mode	Channel	Test Results	Conclusion
802.11g	1	Fig.A.6.2.3	P
	11	Fig.A.6.2.4	P

802.11n-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT20)	1	Fig.A.6.2.5	P
	11	Fig.A.6.2.6	P

802.11n-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT40)	3	Fig.A.6.2.7	**P**
	9	Fig.A.6.2.8	**P**

802.11ac-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11ac (HT20)	1	Fig.A.6.2.9	**P**
	11	Fig.A.6.2.10	**P**

802.11ac-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11ac (HT40)	3	Fig.A.6.2.11	**P**
	9	Fig.A.6.2.12	**P**

802.11ax-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11ax (HT20)	1	Fig.A.6.2.13	**P**
	11	Fig.A.6.2.14	**P**

802.11ax-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11ax (HT40)	3	Fig.A.6.2.15	**P**
	9	Fig.A.6.2.16	**P**

802.11be-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11be (HT20)	1	Fig.A.6.2.17	**P**
	11	Fig.A.6.2.18	**P**

802.11be-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11be (HT40)	3	Fig.A.6.2.19	**P**
	9	Fig.A.6.2.20	**P**

Conclusion: Pass

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result=P_{Mea}+$A_{Rpl=}$ P_{Mea}+Cable Loss+Antenna Factor

Peak Measurement Results

802.11b

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2383.250	62.35	4.60	31.90	25.85	74.00	11.65	H
2389.128	62.47	4.61	31.90	25.96	74.00	11.53	H
4823.500	47.22	-32.77	33.85	46.13	74.00	26.78	V
5975.000	46.67	-31.66	34.85	43.48	74.00	27.33	V
7237.500	46.75	-31.49	35.47	42.77	74.00	27.25	V
9648.000	45.75	-29.87	36.60	39.02	74.00	28.25	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2357.000	53.51	-35.84	31.90	57.45	74.00	20.49	H
2526.600	54.17	-36.29	32.21	58.25	74.00	19.83	H
4874.000	43.71	-32.99	33.85	42.86	74.00	30.29	V
5982.500	47.05	-31.75	34.87	43.93	74.00	26.95	V
7313.000	45.49	-31.42	35.55	41.36	74.00	28.51	V
9748.000	46.13	-29.86	36.79	39.21	74.00	27.87	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.282	62.21	4.65	32.10	25.46	74.00	11.79	H
2488.670	62.72	4.64	32.10	25.98	74.00	11.28	H
4924.000	41.97	-32.94	33.90	41.02	74.00	32.03	V
5976.500	47.75	-31.66	34.85	44.56	74.00	26.25	H
7386.500	46.99	-31.35	35.70	42.64	74.00	27.01	V
9848.000	47.14	-29.76	36.90	40.00	74.00	26.86	H

Peak Measurement Results

802.11g

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.695	68.91	4.61	31.90	32.39	74.00	5.09	H
2389.863	71.51	4.62	31.90	35.00	74.00	2.49	H
4824.000	42.55	-32.75	33.85	41.44	74.00	31.45	H
5974.000	47.39	-31.65	34.85	44.19	74.00	26.61	H
7236.000	44.40	-31.52	35.48	40.43	74.00	29.60	V
9648.000	48.14	-29.87	36.60	41.41	74.00	25.86	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2384.800	51.65	-16.95	31.90	36.70	74.00	22.35	H
2496.200	52.29	-31.41	32.10	51.60	74.00	21.71	H
5423.000	45.40	-32.51	34.39	43.52	74.00	28.60	V
5985.000	47.96	-31.82	34.87	44.91	74.00	26.04	H
7311.000	44.07	-31.41	35.54	39.94	74.00	29.93	H
9758.000	47.48	-30.03	36.82	40.69	74.00	26.52	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.823	70.27	4.65	32.10	33.52	74.00	3.73	H
2483.965	68.99	4.65	32.10	32.24	74.00	5.01	H
5420.500	46.53	-32.51	34.38	44.66	74.00	27.47	H
5983.000	47.13	-31.76	34.87	44.02	74.00	26.87	H
7386.000	43.61	-31.36	35.70	39.26	74.00	30.39	H
9848.000	47.51	-29.76	36.90	40.37	74.00	26.49	H

Peak Measurement Results

802.11n-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.624	70.49	4.61	31.90	33.98	74.00	3.51	H
2389.604	70.57	4.61	31.90	34.06	74.00	3.43	H
3585.000	45.58	-34.03	32.90	46.72	74.00	28.42	H
5447.500	45.16	-32.59	34.49	43.26	74.00	28.84	V
5990.000	47.95	-31.98	34.88	45.05	74.00	26.05	V
9648.000	47.79	-29.87	36.60	41.06	74.00	26.21	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2360.000	51.22	-35.77	31.90	55.09	74.00	22.78	H
2493.000	52.79	-24.02	32.10	44.71	74.00	21.21	H
3587.000	45.84	-34.02	32.90	46.95	74.00	28.16	H
5436.500	46.15	-32.54	34.45	44.24	74.00	27.85	H
5984.000	47.61	-31.79	34.87	44.53	74.00	26.39	H
9748.000	46.11	-29.86	36.79	39.18	74.00	27.89	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.685	71.00	4.65	32.10	34.25	74.00	3.00	H
2483.830	71.79	4.65	32.10	35.04	74.00	2.21	H
3592.500	45.50	-34.00	32.90	46.60	74.00	28.50	V
5456.000	45.40	-32.53	34.48	43.45	74.00	28.60	H
5979.500	46.73	-31.67	34.86	43.54	74.00	27.27	V
9848.000	46.60	-29.76	36.90	39.46	74.00	27.40	H

Peak Measurement Results

802.11n-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.903	66.03	4.61	31.90	29.52	74.00	7.97	H
2389.261	65.19	4.61	31.90	28.68	74.00	8.81	H
3590.500	44.32	-33.99	32.90	45.41	74.00	29.68	H
4844.000	42.08	-32.96	33.81	41.24	74.00	31.92	H
5975.000	47.75	-31.66	34.85	44.56	74.00	26.25	H
9688.000	47.22	-30.04	36.52	40.73	74.00	26.78	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2347.000	52.13	-35.98	31.88	56.23	74.00	21.87	H
2506.600	52.62	-35.62	32.13	56.11	74.00	21.38	H
3600.000	44.16	-34.05	32.90	45.31	74.00	29.84	H
4874.000	42.48	-32.99	33.85	41.63	74.00	31.52	V
5976.500	48.06	-31.66	34.85	44.87	74.00	25.94	V
9748.000	46.91	-29.86	36.79	39.99	74.00	27.09	V

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.130	65.74	4.65	32.10	28.99	74.00	8.26	H
2484.468	65.89	4.65	32.10	29.14	74.00	8.11	H
3600.000	44.78	-34.05	32.90	45.93	74.00	29.22	H
4904.000	42.40	-32.82	33.90	41.31	74.00	31.60	V
5970.500	49.02	-31.64	34.84	45.82	74.00	24.98	H
9808.000	46.87	-29.95	36.90	39.92	74.00	27.13	V

Peak Measurement Results

802.11ac-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.106	69.43	4.6	31.9	32.92	74.0	4.6	H
2389.968	71.27	4.6	31.9	34.75	74.0	2.7	H
3587.000	45.63	-34.0	32.9	46.75	74.0	28.4	V
5434.500	44.86	-32.5	34.4	42.95	74.0	29.1	H
5983.000	46.86	-31.8	34.9	43.76	74.0	27.1	V
9648.000	48.24	-29.9	36.6	41.51	74.0	25.8	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2343.600	51.78	-36.0	31.8	55.94	74.0	22.2	H
2495.600	51.62	-30.0	32.1	49.54	74.0	22.4	H
3590.000	46.03	-34.0	32.9	47.12	74.0	28.0	H
5485.000	45.44	-32.4	34.4	43.52	74.0	28.6	H
5987.500	47.50	-31.9	34.9	44.52	74.0	26.5	H
9748.000	46.88	-29.9	36.8	39.96	74.0	27.1	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.530	69.81	4.7	32.1	33.05	74.0	4.2	H
2484.503	69.89	4.6	32.1	33.14	74.0	4.1	H
3592.000	46.04	-34.0	32.9	47.14	74.0	28.0	V
5446.000	45.35	-32.6	34.5	43.45	74.0	28.6	H
5985.000	47.59	-31.8	34.9	44.55	74.0	26.4	V
9848.000	47.09	-29.8	36.9	39.95	74.0	26.9	H

Peak Measurement Results

802.11ac-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.224	64.71	4.6	31.9	28.20	74.0	9.3	H
2389.772	64.81	4.6	31.9	28.30	74.0	9.2	H
4844.000	43.22	-33.0	33.8	42.37	74.0	30.8	V
5980.000	48.11	-31.7	34.9	44.92	74.0	25.9	V
7266.000	43.25	-31.4	35.4	39.23	74.0	30.7	V
9688.000	47.93	-30.0	36.5	41.45	74.0	26.1	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2343.200	53.14	-36.0	31.8	57.31	74.0	20.9	H
2510.200	52.69	-35.8	32.1	56.34	74.0	21.3	H
4874.000	41.85	-33.0	33.8	40.99	74.0	32.2	V
5973.000	48.28	-31.6	34.8	45.08	74.0	25.7	V
7311.000	43.37	-31.4	35.5	39.23	74.0	30.6	V
9748.000	48.08	-29.9	36.8	41.16	74.0	25.9	V

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.710	65.38	4.6	32.1	28.63	74.0	8.6	H
2486.143	65.62	4.6	32.1	28.88	74.0	8.4	H
3585.500	45.47	-34.0	32.9	46.60	74.0	28.5	V
4904.000	41.61	-32.8	33.9	40.53	74.0	32.4	V
5980.500	49.20	-31.7	34.9	46.02	74.0	24.8	V
9808.000	48.10	-29.9	36.9	41.15	74.0	25.9	V

Peak Measurement Results

802.11ax-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.833	70.04	4.6	31.9	33.53	74.0	4.0	H
2389.695	69.82	4.6	31.9	33.31	74.0	4.2	H
3592.000	43.99	-34.0	32.9	45.09	74.0	30.0	V
4824.000	42.71	-32.7	33.9	41.61	74.0	31.3	H
5990.000	47.78	-32.0	34.9	44.87	74.0	26.2	V
9648.000	46.25	-29.9	36.6	39.52	74.0	27.8	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2342.600	53.24	-36.0	31.8	57.41	74.0	20.8	H
2545.800	54.14	-35.9	32.3	57.77	74.0	19.9	H
3590.000	44.06	-34.0	32.9	45.15	74.0	29.9	H
4874.000	42.25	-33.0	33.8	41.40	74.0	31.7	H
5977.500	47.88	-31.7	34.9	44.68	74.0	26.1	H
9748.000	45.15	-29.9	36.8	38.23	74.0	28.8	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.338	69.10	4.7	32.1	32.35	74.0	4.9	H
2488.245	68.94	4.6	32.1	32.20	74.0	5.1	H
4924.000	43.07	-32.9	33.9	42.12	74.0	30.9	V
5987.000	47.82	-31.9	34.9	44.83	74.0	26.2	H
7386.000	43.57	-31.4	35.7	39.23	74.0	30.4	V
9848.000	46.01	-29.8	36.9	38.87	74.0	28.0	H

Peak Measurement Results

802.11ax-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.148	65.02	4.6	31.9	28.51	74.0	9.0	H
2389.576	65.94	4.6	31.9	29.43	74.0	8.1	H
3584.000	44.63	-34.0	32.9	45.78	74.0	29.4	V
4844.000	42.15	-33.0	33.8	41.30	74.0	31.9	V
5981.500	48.55	-31.7	34.9	45.40	74.0	25.5	V
9688.000	47.18	-30.0	36.5	40.70	74.0	26.8	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2346.400	51.28	-36.0	31.9	55.39	74.0	22.7	H
2554.800	52.13	-35.9	32.3	55.71	74.0	21.9	H
3583.000	47.35	-34.1	32.9	48.50	74.0	26.7	V
4874.000	42.89	-33.0	33.8	42.03	74.0	31.1	V
5974.500	47.97	-31.7	34.8	44.78	74.0	26.0	V
9748.000	46.82	-29.9	36.8	39.89	74.0	27.2	V

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.360	66.11	4.7	32.1	29.36	74.0	7.9	H
2484.578	66.44	4.6	32.1	29.69	74.0	7.6	H
3584.000	44.73	-34.0	32.9	45.87	74.0	29.3	V
4904.000	41.53	-32.8	33.9	40.44	74.0	32.5	V
5993.500	48.48	-32.0	34.9	45.59	74.0	25.5	V
9808.000	45.95	-29.9	36.9	39.00	74.0	28.1	V

Peak Measurement Results

802.11be-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.007	67.83	4.6	31.9	31.32	74.0	6.2	H
2388.428	68.34	4.6	31.9	31.83	74.0	5.7	H
3587.000	44.33	-34.0	32.9	45.44	74.0	29.7	V
4824.000	42.87	-32.7	33.9	41.77	74.0	31.1	H
5980.500	47.86	-31.7	34.9	44.69	74.0	26.1	V
9648.000	47.69	-29.9	36.6	40.96	74.0	26.3	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2370.600	51.76	-35.6	31.9	55.41	74.0	22.2	H
2506.800	52.07	-35.6	32.1	55.57	74.0	21.9	H
3600.000	46.20	-34.0	32.9	47.35	74.0	27.8	H
4874.000	41.92	-33.0	33.8	41.06	74.0	32.1	H
5980.500	48.25	-31.7	34.9	45.07	74.0	25.8	H
9748.000	46.46	-29.9	36.8	39.54	74.0	27.5	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.533	67.00	4.7	32.1	30.25	74.0	7.0	H
2487.950	67.55	4.6	32.1	30.80	74.0	6.5	H
3590.500	45.37	-34.0	32.9	46.46	74.0	28.6	V
4924.000	42.00	-32.9	33.9	41.04	74.0	32.0	H
5983.500	47.62	-31.8	34.9	44.53	74.0	26.4	V
9848.000	46.48	-29.8	36.9	39.34	74.0	27.5	H

Peak Measurement Results

802.11be-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2386.594	65.43	4.6	31.9	28.93	74.0	8.6	H
2388.736	65.36	4.6	31.9	28.84	74.0	8.6	H
3591.000	45.16	-34.0	32.9	46.25	74.0	28.8	V
4844.000	42.28	-33.0	33.8	41.43	74.0	31.7	V
5978.500	48.80	-31.7	34.9	45.61	74.0	25.2	V
9688.000	47.22	-30.0	36.5	40.73	74.0	26.8	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2346.400	52.14	-36.0	31.9	56.25	74.0	21.9	H
2510.200	54.26	-35.8	32.1	57.91	74.0	19.7	H
3585.000	45.34	-34.0	32.9	46.47	74.0	28.7	V
4874.000	43.34	-33.0	33.8	42.49	74.0	30.7	V
5975.500	48.98	-31.7	34.9	45.79	74.0	25.0	V
9748.000	46.73	-29.9	36.8	39.81	74.0	27.3	V

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.343	66.92	4.7	32.1	30.17	74.0	7.1	H
2489.990	66.33	4.6	32.1	29.60	74.0	7.7	H
3582.000	44.90	-34.1	32.9	46.06	74.0	29.1	V
4904.000	42.23	-32.8	33.9	41.15	74.0	31.8	V
5979.000	47.84	-31.7	34.9	44.65	74.0	26.2	V
9808.000	47.29	-29.9	36.9	40.34	74.0	26.7	V

Average Measurement Results

802.11b

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2383.770	50.40	4.60	31.90	13.90	54.00	3.60	H
2385.450	49.58	4.60	31.90	13.08	54.00	4.42	H
4823.667	39.82	-32.76	33.85	38.73	54.00	14.18	H
5977.667	31.73	-31.66	34.86	28.53	54.00	22.27	V
7236.667	38.83	-31.51	35.48	34.86	54.00	15.17	V
9648.000	34.25	-29.87	36.60	27.52	54.00	19.75	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.820	48.31	4.61	31.90	11.80	54.00	5.69	H
2485.980	48.47	4.65	32.10	11.72	54.00	5.53	H
4874.000	36.24	-32.99	33.85	35.38	54.00	17.76	V
5937.330	31.70	-31.94	34.80	28.84	54.00	22.30	H
7311.666	33.04	-31.41	35.55	28.90	54.00	20.96	H
9748.000	35.08	-29.86	36.79	28.15	54.00	18.92	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	49.46	4.65	32.10	12.70	54.00	4.54	H
2484.510	49.37	4.65	32.10	12.62	54.00	4.63	H
4924.000	33.03	-32.94	33.90	32.08	54.00	20.97	H
5937.330	32.42	-31.94	34.80	29.56	54.00	21.58	V
7387.000	37.95	-31.34	35.70	33.60	54.00	16.05	H
9848.000	35.73	-29.76	36.90	28.59	54.00	18.27	V

Average Measurement Results

802.11g

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.740	51.65	4.61	31.90	15.13	54.00	2.35	H
2389.980	51.98	4.62	31.90	15.46	54.00	2.02	H
5781.333	33.82	-32.04	34.49	31.37	54.00	20.18	V
5937.666	34.64	-31.94	34.80	31.78	54.00	19.36	H
6093.666	33.76	-31.88	35.17	30.46	54.00	20.24	H
9648.000	40.05	-29.87	36.60	33.32	54.00	13.95	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.780	48.12	4.61	31.90	11.61	54.00	5.88	H
2485.710	48.26	4.65	32.10	11.51	54.00	5.74	H
5781.000	33.74	-32.06	34.49	31.31	54.00	20.26	V
5937.666	34.73	-31.94	34.80	31.86	54.00	19.27	H
6093.666	33.83	-31.88	35.17	30.54	54.00	20.17	H
9748.000	37.99	-29.86	36.79	31.07	54.00	16.01	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	51.88	4.65	32.10	15.13	54.00	2.12	H
2483.850	51.60	4.65	32.10	14.85	54.00	2.40	H
5781.333	34.34	-32.04	34.49	31.89	54.00	19.66	H
5937.666	35.02	-31.94	34.80	32.16	54.00	18.98	H
6093.666	34.00	-31.88	35.17	30.71	54.00	20.00	V
9848.000	37.40	-29.76	36.90	30.26	54.00	16.60	H

Average Measurement Results

802.11n-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.800	51.55	4.61	31.90	15.04	54.00	2.45	H
2389.980	51.59	4.62	31.90	15.08	54.00	2.41	H
5781.333	34.46	-32.04	34.49	32.02	54.00	19.54	H
5937.666	35.24	-31.94	34.80	32.38	54.00	18.76	H
6093.666	34.02	-31.88	35.17	30.72	54.00	19.98	H
9648.000	40.57	-29.87	36.60	33.84	54.00	13.43	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.260	48.33	4.61	31.90	11.81	54.00	5.67	H
2495.970	48.63	4.62	32.10	11.90	54.00	5.37	H
5781.000	34.21	-32.06	34.49	31.78	54.00	19.79	H
5937.666	35.22	-31.94	34.80	32.36	54.00	18.78	V
6093.666	34.01	-31.88	35.17	30.71	54.00	19.99	V
9748.000	38.49	-29.86	36.79	31.56	54.00	15.51	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	52.03	4.65	32.10	15.28	54.00	1.97	H
2483.760	51.83	4.65	32.10	15.08	54.00	2.17	H
5781.333	34.56	-32.04	34.49	32.11	54.00	19.44	H
5937.666	35.20	-31.94	34.80	32.34	54.00	18.80	V
6094.000	33.87	-31.89	35.18	30.58	54.00	20.13	H
9848.000	37.92	-29.76	36.90	30.78	54.00	16.08	H

Average Measurement Results

802.11n-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.830	51.74	4.62	31.90	15.22	54.00	2.26	H
2389.980	51.77	4.62	31.90	15.25	54.00	2.23	H
5781.333	32.12	-32.04	34.49	29.67	54.00	21.88	H
5937.333	33.45	-31.94	34.80	30.60	54.00	20.55	H
6093.666	33.02	-31.88	35.17	29.73	54.00	20.98	H
9688.000	38.58	-30.04	36.52	32.10	54.00	15.42	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2379.030	48.23	4.59	31.90	11.75	54.00	5.77	H
2495.490	48.66	4.62	32.10	11.94	54.00	5.34	H
5781.333	32.18	-32.04	34.49	29.73	54.00	21.82	H
5937.333	33.30	-31.94	34.80	30.44	54.00	20.70	H
6093.666	32.88	-31.88	35.17	29.58	54.00	21.12	V
9748.000	37.67	-29.86	36.79	30.74	54.00	16.33	H

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.550	51.91	4.65	32.10	15.16	54.00	2.09	H
2483.610	51.91	4.65	32.10	15.15	54.00	2.09	H
5781.333	32.14	-32.04	34.49	29.70	54.00	21.86	H
5937.666	33.33	-31.94	34.80	30.46	54.00	20.67	H
6094.000	32.93	-31.89	35.18	29.64	54.00	21.07	V
9808.000	36.69	-29.95	36.90	29.74	54.00	17.31	H

Average Measurement Results

802.11ac-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.590	51.22	4.6	31.9	14.71	54.0	2.8	H
2389.980	51.56	4.6	31.9	15.04	54.0	2.4	H
5781.333	34.48	-32.0	34.5	32.03	54.0	19.5	H
5937.666	35.24	-31.9	34.8	32.38	54.0	18.8	H
6093.666	34.10	-31.9	35.2	30.81	54.0	19.9	H
9648.000	40.73	-29.9	36.6	34.00	54.0	13.3	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2304.120	47.63	4.6	31.5	11.54	54.0	6.4	H
2494.500	48.49	4.6	32.1	11.76	54.0	5.5	H
5781.333	34.53	-32.0	34.5	32.08	54.0	19.5	V
5937.333	35.02	-31.9	34.8	32.16	54.0	19.0	H
6093.666	34.13	-31.9	35.2	30.83	54.0	19.9	H
9748.000	38.44	-29.9	36.8	31.52	54.0	15.6	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	52.00	4.7	32.1	15.25	54.0	2.0	H
2483.700	51.98	4.7	32.1	15.23	54.0	2.0	H
5781.000	34.40	-32.1	34.5	31.97	54.0	19.6	H
5937.666	35.26	-31.9	34.8	32.40	54.0	18.7	H
6093.666	34.11	-31.9	35.2	30.82	54.0	19.9	H
9848.000	37.86	-29.8	36.9	30.72	54.0	16.1	V

Average Measurement Results

802.11ac-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.660	51.06	4.6	31.9	14.55	54.0	2.9	H
2389.980	51.30	4.6	31.9	14.78	54.0	2.7	H
5781.333	32.04	-32.0	34.5	29.59	54.0	22.0	H
5937.666	33.31	-31.9	34.8	30.44	54.0	20.7	H
8288.000	33.96	-30.8	35.9	28.92	54.0	20.0	H
9688.000	39.19	-30.0	36.5	32.71	54.0	14.8	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2382.030	48.42	4.6	31.9	11.93	54.0	5.6	H
2496.240	48.63	4.6	32.1	11.91	54.0	5.4	H
5937.333	33.31	-31.9	34.8	30.46	54.0	20.7	H
6094.000	32.96	-31.9	35.2	29.67	54.0	21.0	H
8288.000	34.00	-30.8	35.9	28.97	54.0	20.0	V
9748.000	38.28	-29.9	36.8	31.36	54.0	15.7	H

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	51.33	4.7	32.1	14.58	54.0	2.7	H
2483.670	51.28	4.7	32.1	14.53	54.0	2.7	H
5937.333	33.51	-31.9	34.8	30.65	54.0	20.5	H
6093.666	32.94	-31.9	35.2	29.64	54.0	21.1	V
8288.000	33.93	-30.8	35.9	28.89	54.0	20.1	H
9808.333	37.28	-29.9	36.9	30.33	54.0	16.7	V

Average Measurement Results

802.11ax-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.530	51.10	4.6	31.9	14.58	54.0	2.9	H
2389.980	51.45	4.6	31.9	14.94	54.0	2.5	H
5781.000	32.86	-32.1	34.5	30.43	54.0	21.1	H
5937.333	34.96	-31.9	34.8	32.10	54.0	19.0	V
6093.666	34.19	-31.9	35.2	30.90	54.0	19.8	H
9648.000	37.39	-29.9	36.6	30.66	54.0	16.6	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2303.790	47.60	4.6	31.5	11.51	54.0	6.4	H
2496.030	48.67	4.6	32.1	11.95	54.0	5.3	H
5781.333	32.30	-32.0	34.5	29.86	54.0	21.7	V
5937.333	33.88	-31.9	34.8	31.02	54.0	20.1	H
6093.666	33.44	-31.9	35.2	30.15	54.0	20.6	H
9748.000	36.23	-29.9	36.8	29.30	54.0	17.8	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	51.70	4.7	32.1	14.94	54.0	2.3	H
2483.730	51.59	4.7	32.1	14.84	54.0	2.4	H
5781.000	32.52	-32.1	34.5	30.09	54.0	21.5	H
5937.666	34.40	-31.9	34.8	31.54	54.0	19.6	H
6094.000	33.50	-31.9	35.2	30.21	54.0	20.5	H
9848.000	36.58	-29.8	36.9	29.44	54.0	17.4	H

Average Measurement Results

802.11ax-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2387.910	51.19	4.6	31.9	14.68	54.0	2.8	H
2389.980	51.55	4.6	31.9	15.04	54.0	2.4	H
5937.666	33.54	-31.9	34.8	30.68	54.0	20.5	H
6093.666	32.96	-31.9	35.2	29.66	54.0	21.0	V
8288.000	33.89	-30.8	35.9	28.85	54.0	20.1	H
9688.000	39.44	-30.0	36.5	32.96	54.0	14.6	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2381.040	48.44	4.6	31.9	11.95	54.0	5.6	H
2496.330	48.65	4.6	32.1	11.93	54.0	5.4	H
5781.333	32.82	-32.0	34.5	30.38	54.0	21.2	H
5937.666	34.16	-31.9	34.8	31.30	54.0	19.8	H
6093.666	33.40	-31.9	35.2	30.11	54.0	20.6	V
9748.000	37.58	-29.9	36.8	30.65	54.0	16.4	H

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	51.61	4.7	32.1	14.86	54.0	2.4	H
2483.670	51.66	4.7	32.1	14.90	54.0	2.3	H
5781.000	32.73	-32.1	34.5	30.30	54.0	21.3	H
5937.333	34.12	-31.9	34.8	31.26	54.0	19.9	H
8288.000	33.93	-30.8	35.9	28.89	54.0	20.1	H
9808.000	37.17	-29.9	36.9	30.22	54.0	16.8	V

Average Measurement Results

802.11be_HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.410	51.70	4.6	31.9	15.19	54.0	2.3	H
2389.980	51.68	4.6	31.9	15.16	54.0	2.3	H
5937.666	34.02	-31.9	34.8	31.16	54.0	20.0	H
6093.666	33.37	-31.9	35.2	30.08	54.0	20.6	H
8288.000	34.07	-30.8	35.9	29.04	54.0	19.9	V
9688.000	39.08	-30.0	36.5	32.60	54.0	14.9	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2380.440	48.45	4.6	31.9	11.96	54.0	5.6	H
2496.150	48.73	4.6	32.1	12.01	54.0	5.3	H
5937.333	34.21	-31.9	34.8	31.35	54.0	19.8	H
6094.000	33.44	-31.9	35.2	30.15	54.0	20.6	V
8288.000	34.06	-30.8	35.9	29.03	54.0	19.9	H
9748.000	38.10	-29.9	36.8	31.17	54.0	15.9	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	51.70	4.7	32.1	14.95	54.0	2.3	H
2484.480	51.63	4.6	32.1	14.88	54.0	2.4	H
5781.333	33.54	-32.0	34.5	31.09	54.0	20.5	H
5937.666	35.01	-31.9	34.8	32.15	54.0	19.0	H
6093.666	33.71	-31.9	35.2	30.42	54.0	20.3	H
9808.333	37.51	-29.9	36.9	30.56	54.0	16.5	H

Average Measurement Results

802.11be-HT40

Ch3

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2386.594	65.43	4.6	31.9	28.93	74.0	8.6	H
2388.736	65.36	4.6	31.9	28.84	74.0	8.6	H
3591.000	45.16	-34.0	32.9	46.25	74.0	28.8	V
4844.000	42.28	-33.0	33.8	41.43	74.0	31.7	V
5978.500	48.80	-31.7	34.9	45.61	74.0	25.2	V
9688.000	47.22	-30.0	36.5	40.73	74.0	26.8	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2346.400	52.14	-36.0	31.9	56.25	74.0	21.9	H
2510.200	54.26	-35.8	32.1	57.91	74.0	19.7	H
3585.000	45.34	-34.0	32.9	46.47	74.0	28.7	V
4874.000	43.34	-33.0	33.8	42.49	74.0	30.7	V
5975.500	48.98	-31.7	34.9	45.79	74.0	25.0	V
9748.000	46.73	-29.9	36.8	39.81	74.0	27.3	V

Ch9

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2484.343	66.92	4.7	32.1	30.17	74.0	7.1	H
2489.990	66.33	4.6	32.1	29.60	74.0	7.7	H
3582.000	44.90	-34.1	32.9	46.06	74.0	29.1	V
4904.000	42.23	-32.8	33.9	41.15	74.0	31.8	V
5979.000	47.84	-31.7	34.9	44.65	74.0	26.2	V
9808.000	47.29	-29.9	36.9	40.34	74.0	26.7	V

Test graphs as below:

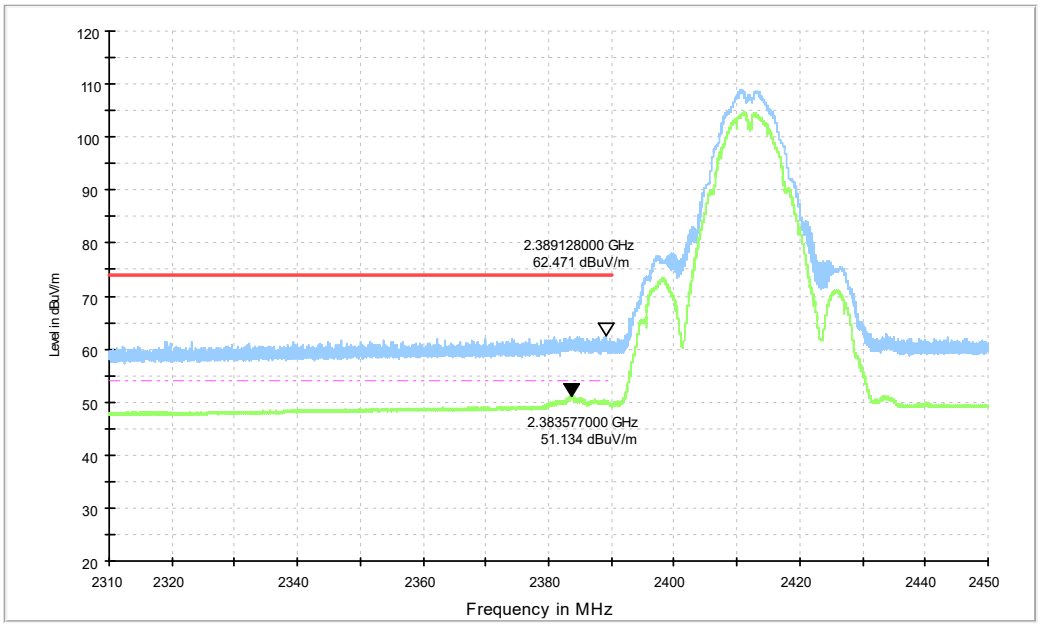


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.43GHz

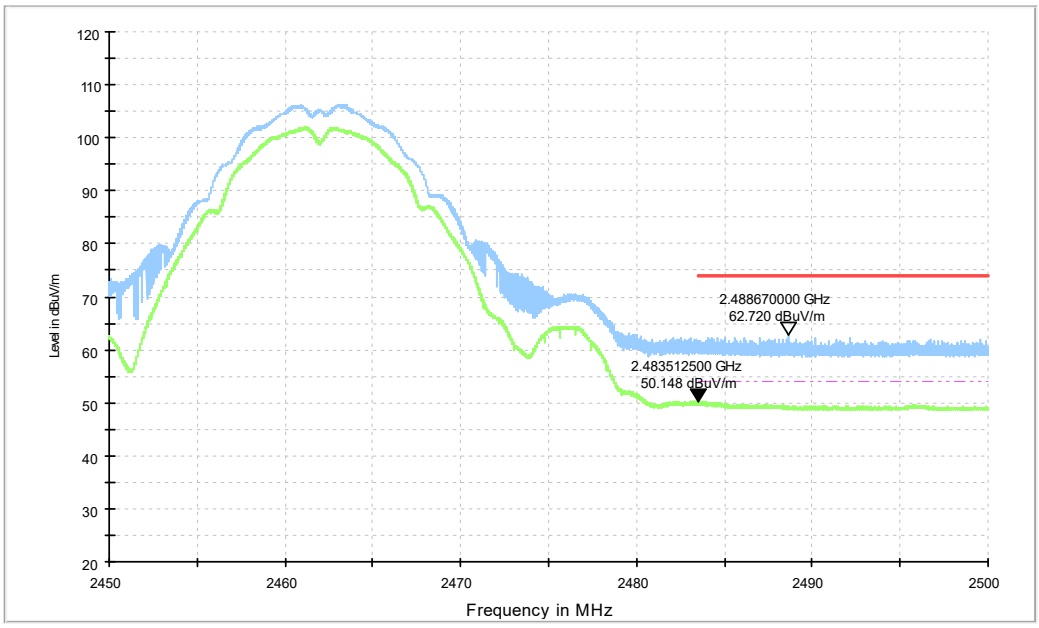


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

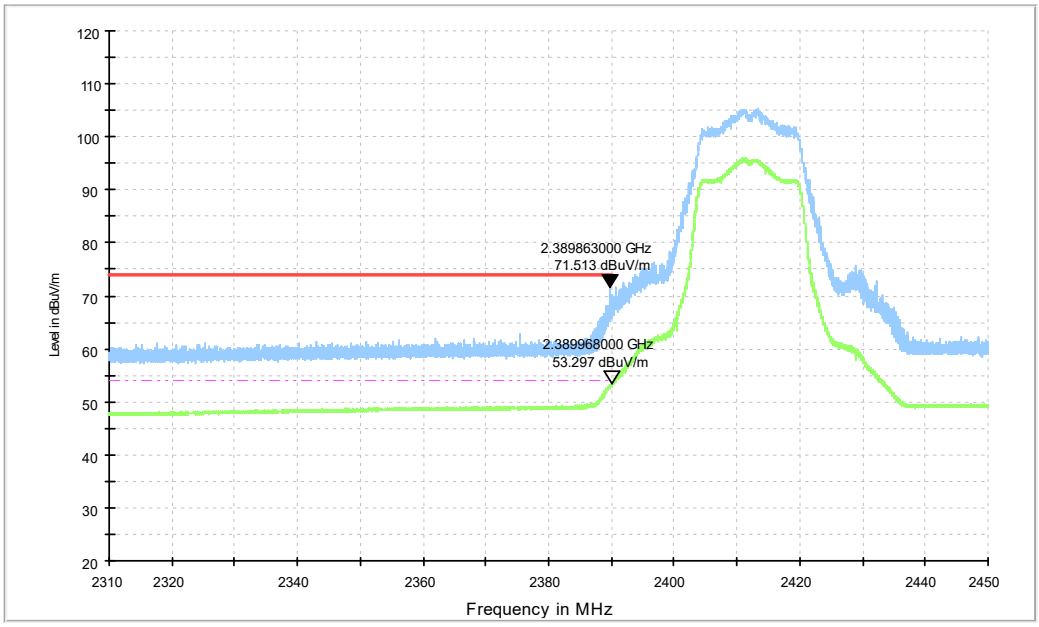


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31 GHz - 2.43GHz

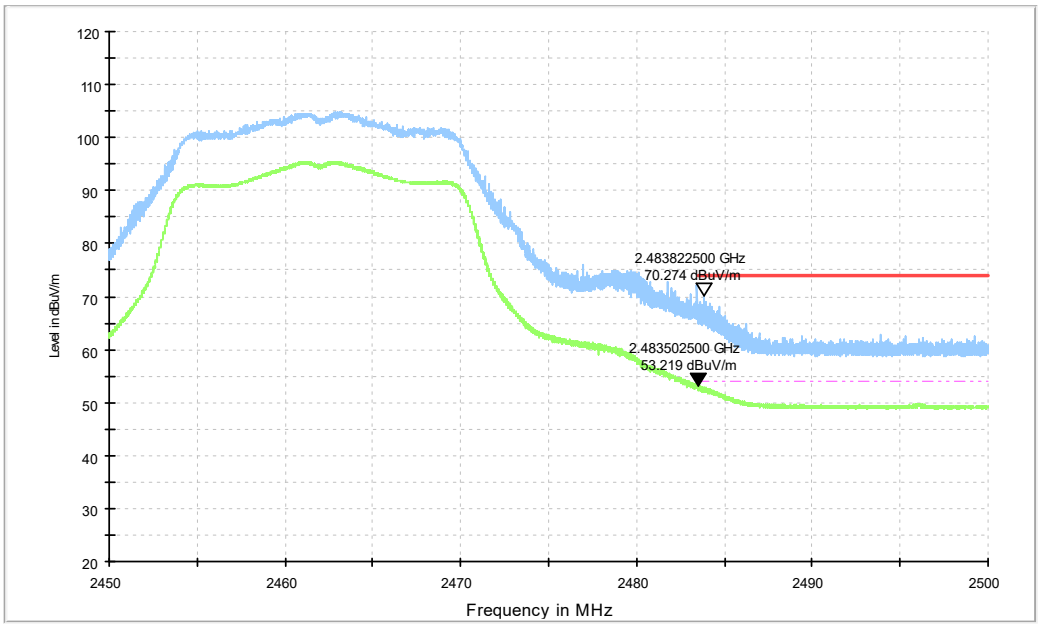


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

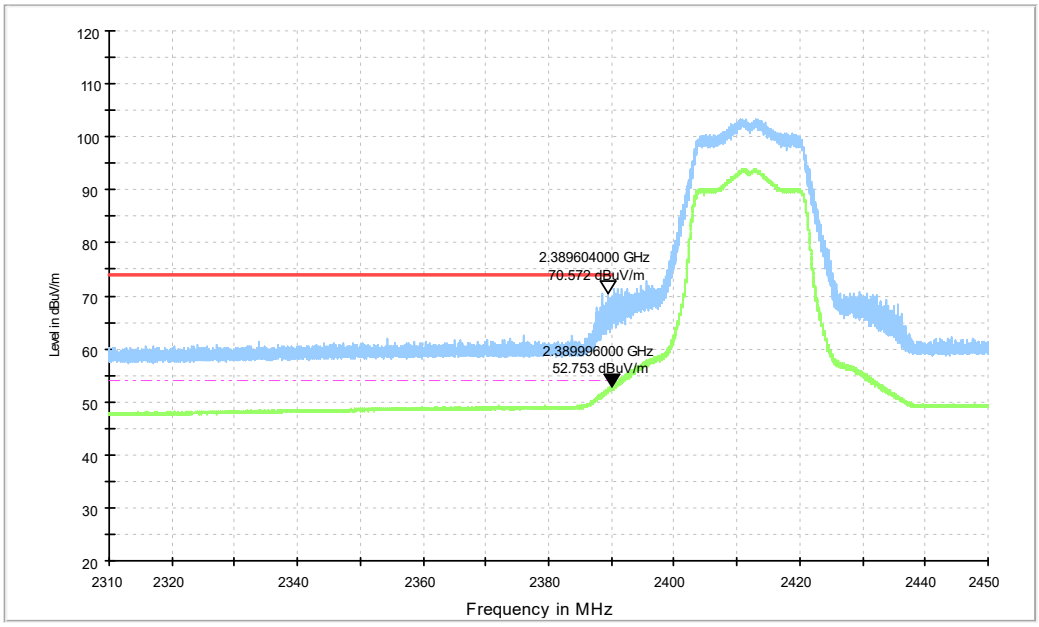


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.43GHz

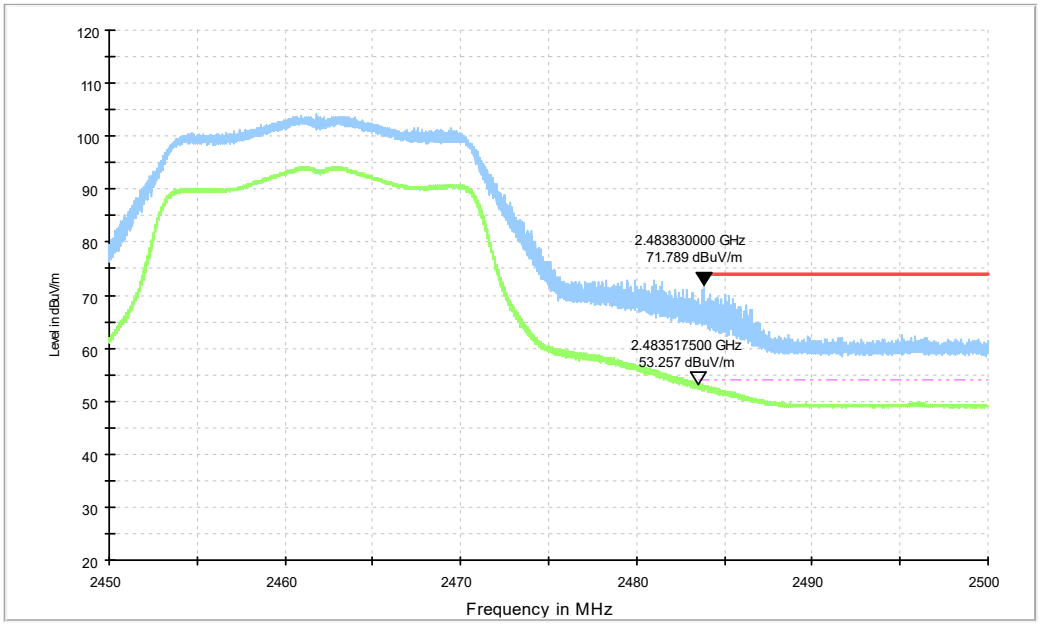


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

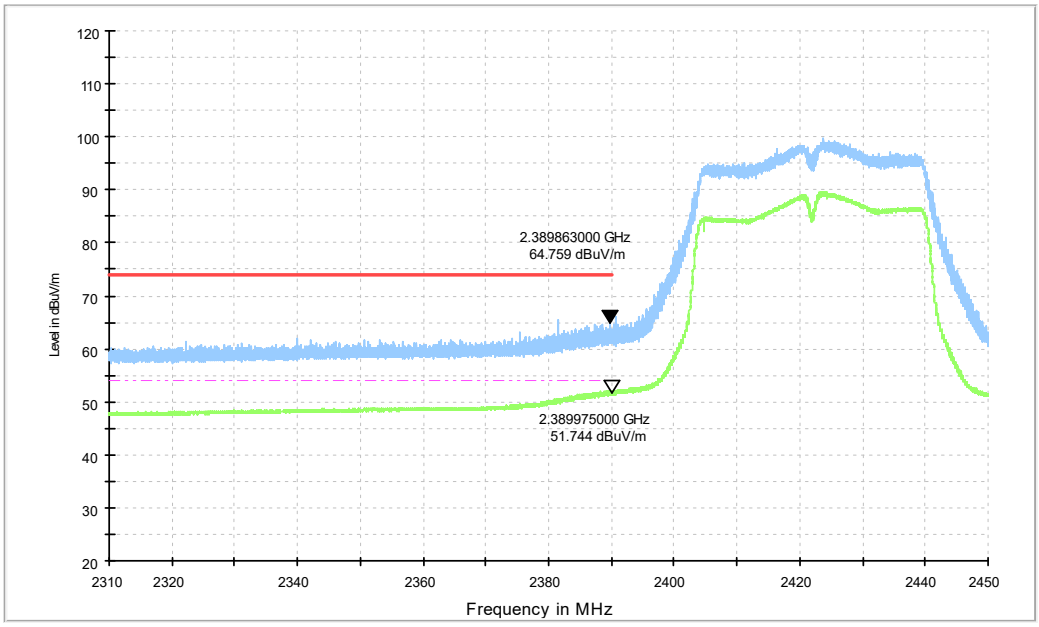


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch3, 2.31 GHz - 2.43GHz

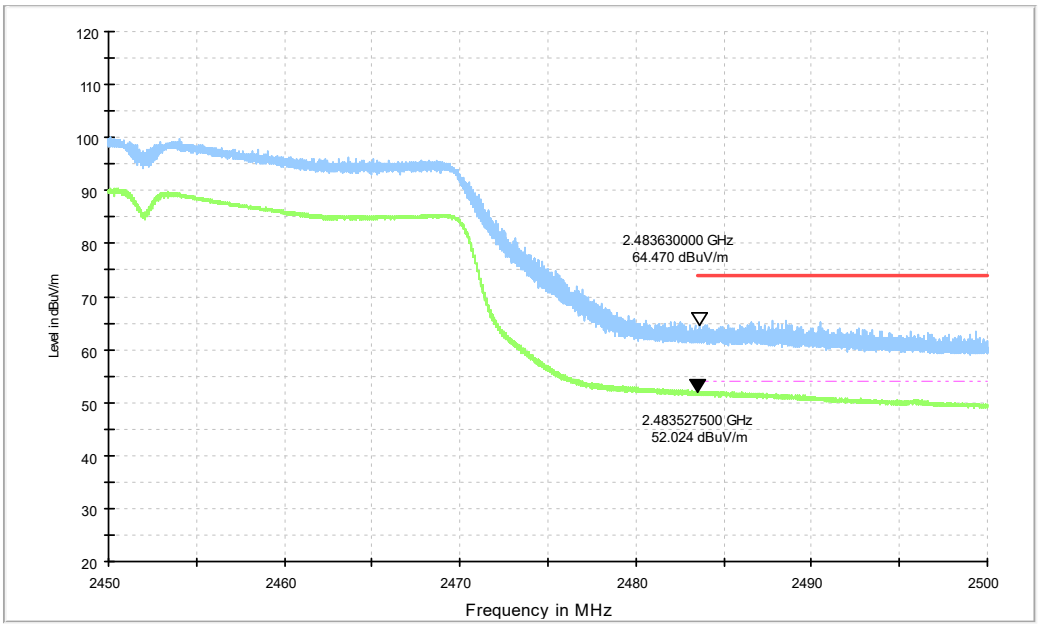


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

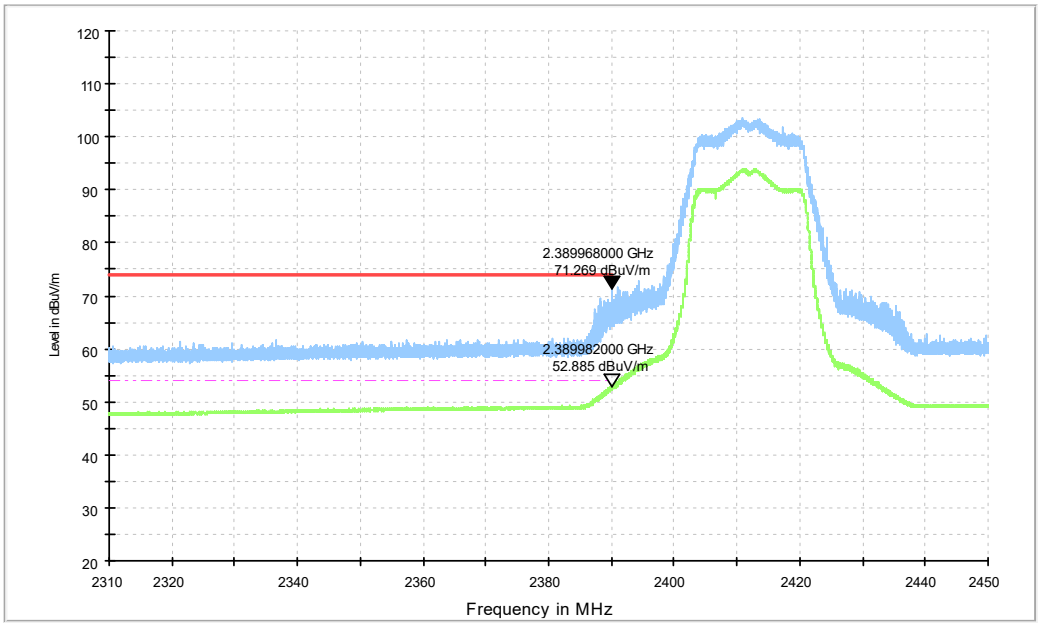


Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11ac-HT20, ch1, 2.31 GHz - 2.43GHz

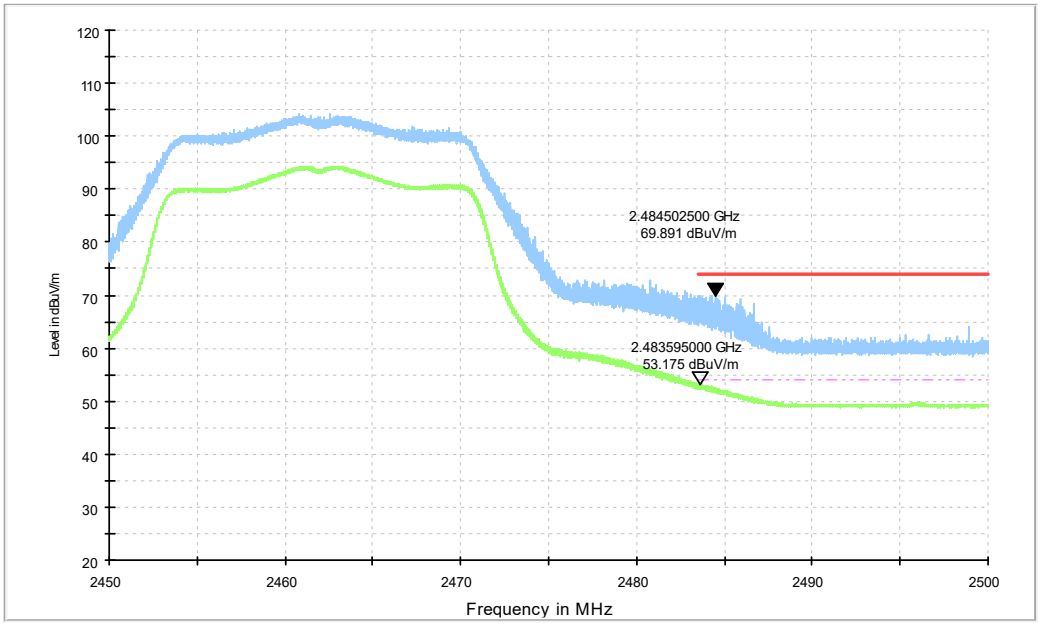


Fig.A.6.2.10 Transmitter Spurious Emission - Radiated (Power): 802.11ac-HT20, ch11, 2.45 GHz - 2.50GHz

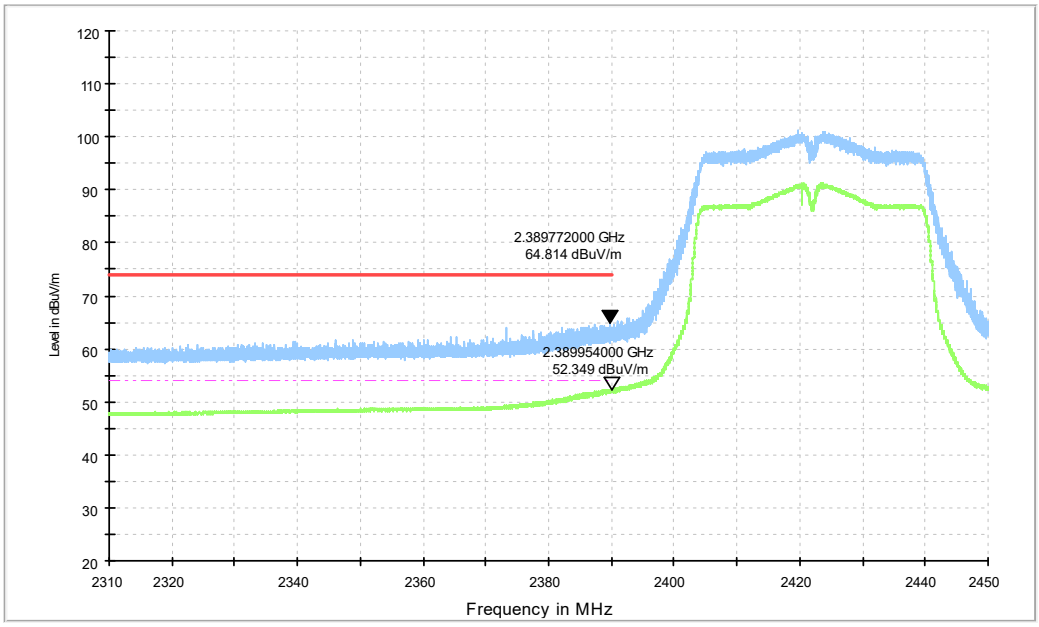


Fig.A.6.2.11 Transmitter Spurious Emission - Radiated (Power): 802.11ac-HT40, ch3, 2.31 GHz - 2.43GHz

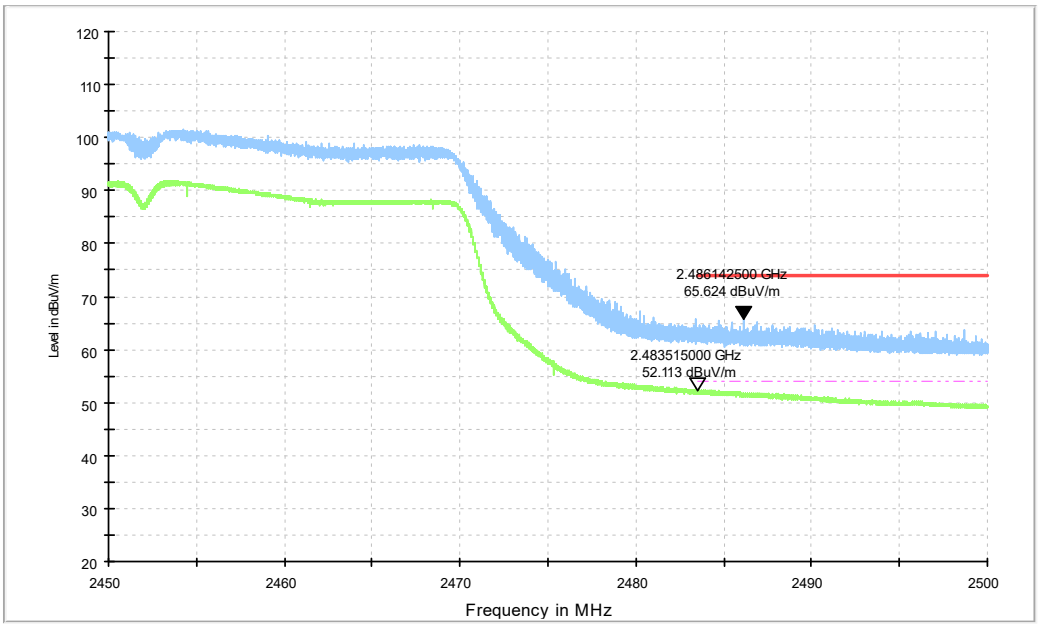


Fig.A.6.2.12 Transmitter Spurious Emission - Radiated (Power): 802.11ac-HT40, ch9, 2.45 GHz - 2.50GHz

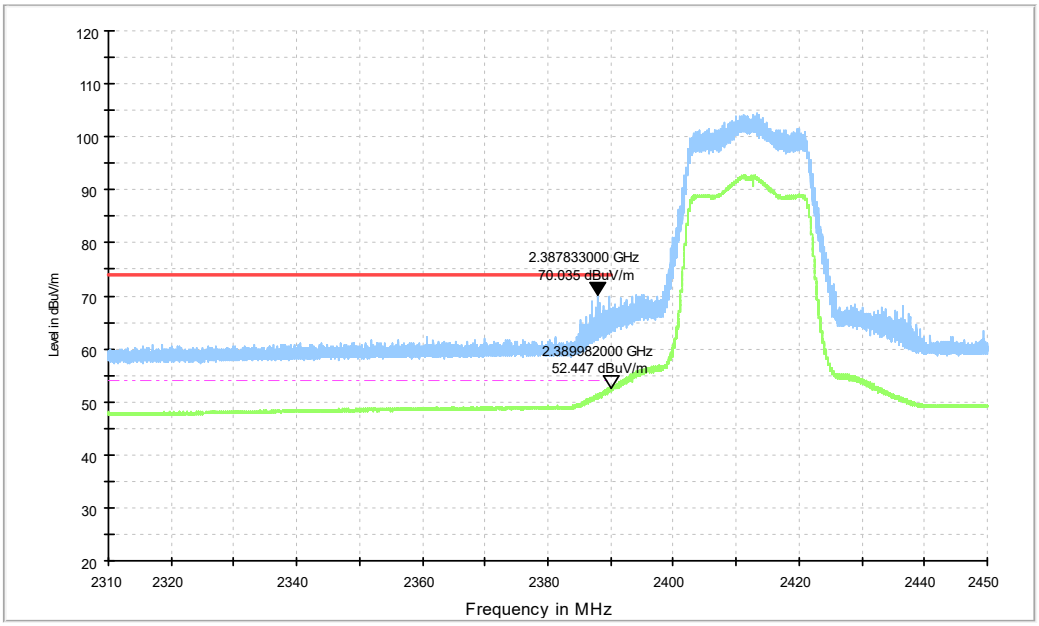


Fig.A.6.2.13 Transmitter Spurious Emission - Radiated (Power): 802.11ax-HT20, ch1, 2.31 GHz - 2.43GHz

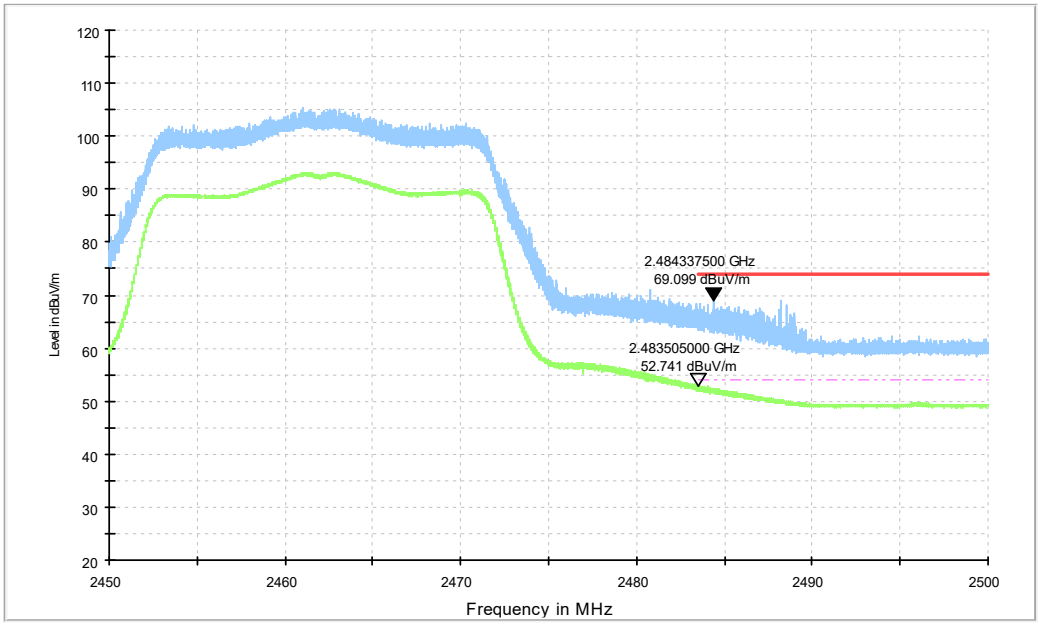


Fig.A.6.2.14 Transmitter Spurious Emission - Radiated (Power): 802.11ax-HT20, ch11, 2.45 GHz - 2.50GHz

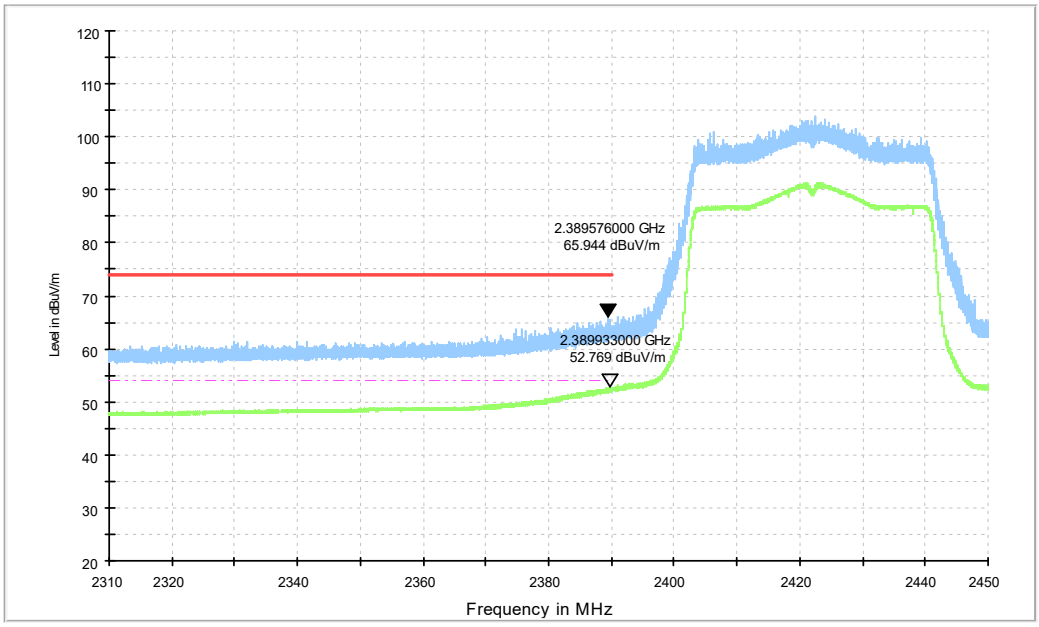


Fig.A.6.2.15 Transmitter Spurious Emission - Radiated (Power): 802.11ax-HT40, ch3, 2.31 GHz - 2.43GHz

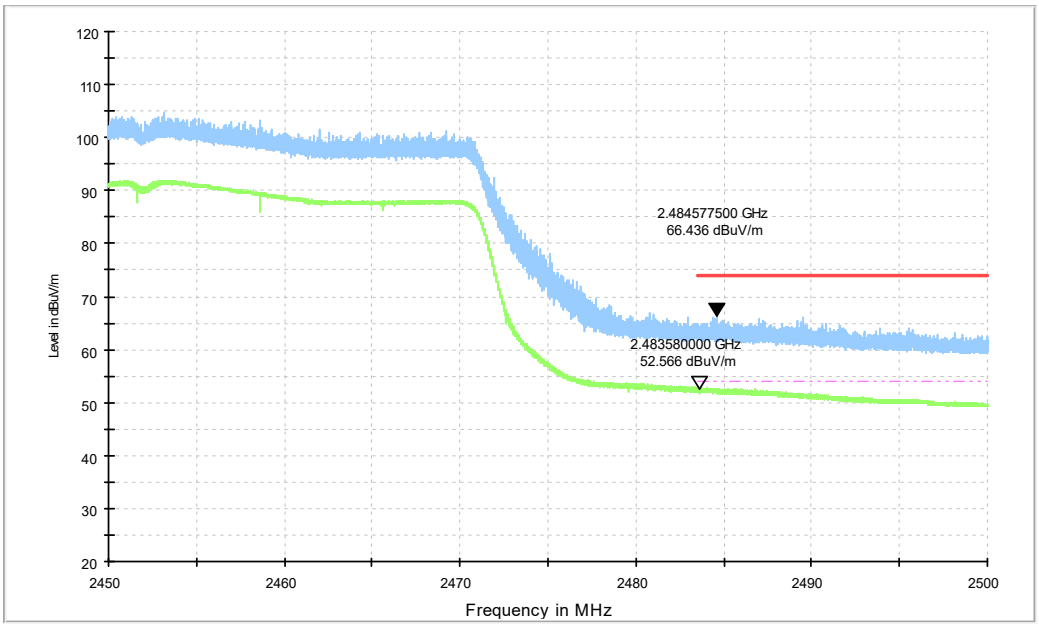


Fig.A.6.2.16 Transmitter Spurious Emission - Radiated (Power): 802.11ax-HT40, ch9, 2.45 GHz - 2.50GHz

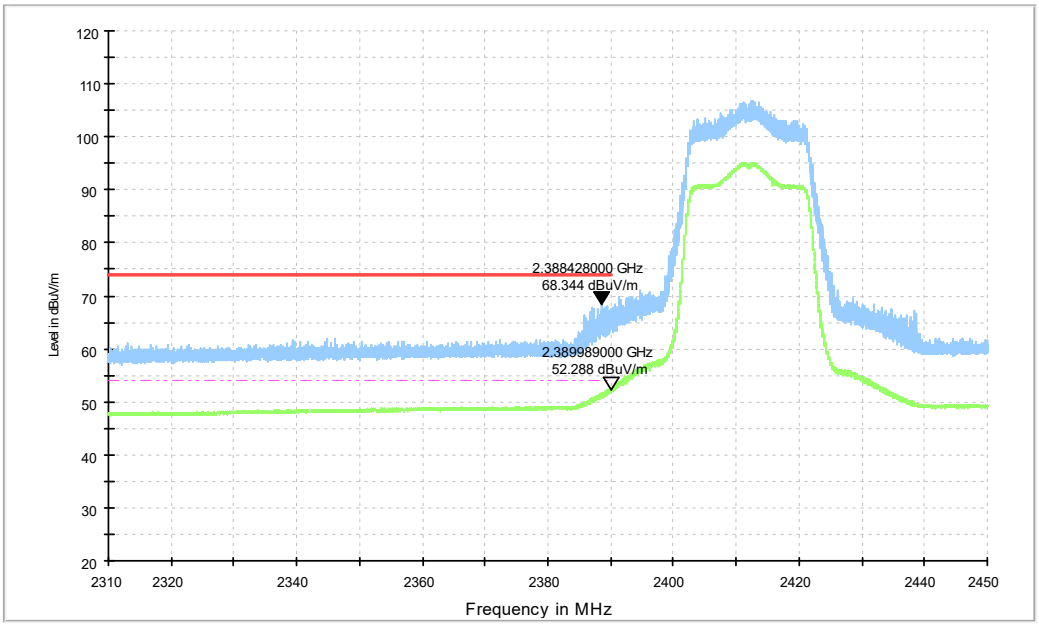


Fig.A.6.2.17 Transmitter Spurious Emission - Radiated (Power): 802.11be-HT20, ch1, 2.31 GHz - 2.43GHz

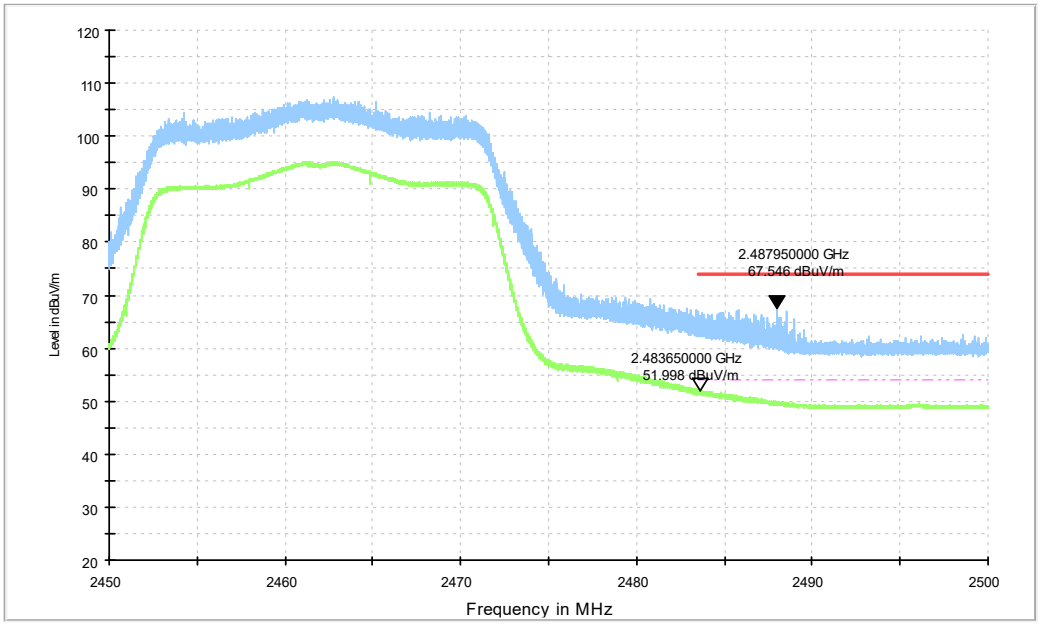


Fig.A.6.2.18 Transmitter Spurious Emission - Radiated (Power): 802.11be-HT20, ch11, 2.45 GHz - 2.50GHz

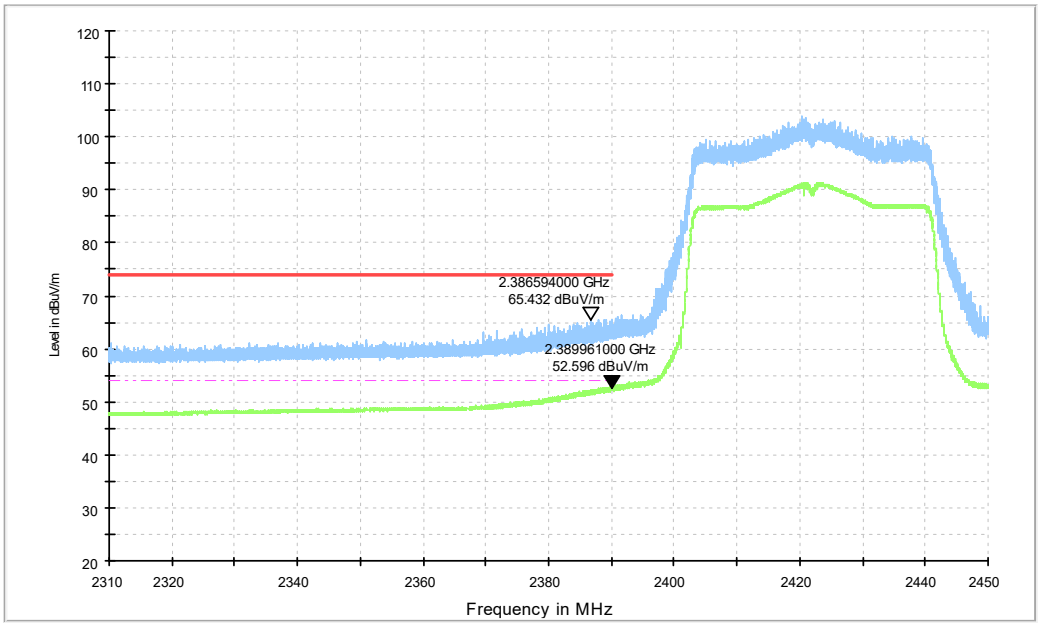


Fig.A.6.2.19 Transmitter Spurious Emission - Radiated (Power): 802.11be-HT40, ch3, 2.31 GHz - 2.43GHz

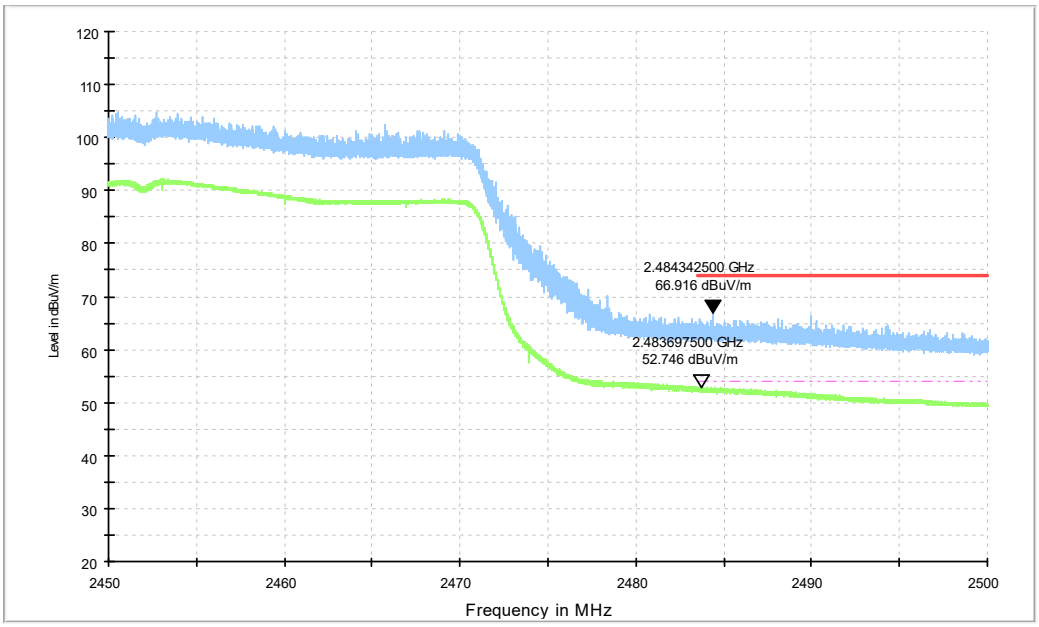


Fig.A.6.2.20 Transmitter Spurious Emission - Radiated (Power): 802.11be-HT40, ch9, 2.45 GHz - 2.50GHz

A.7. AC Power-line Conducted Emission

Method of Measurement: See ANSI C63.10-2013-clause 6.2

1 The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.

2 If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.

3 The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.

4 If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.

5 If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.36 Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Conclusion: Pass

Test graphs as below:

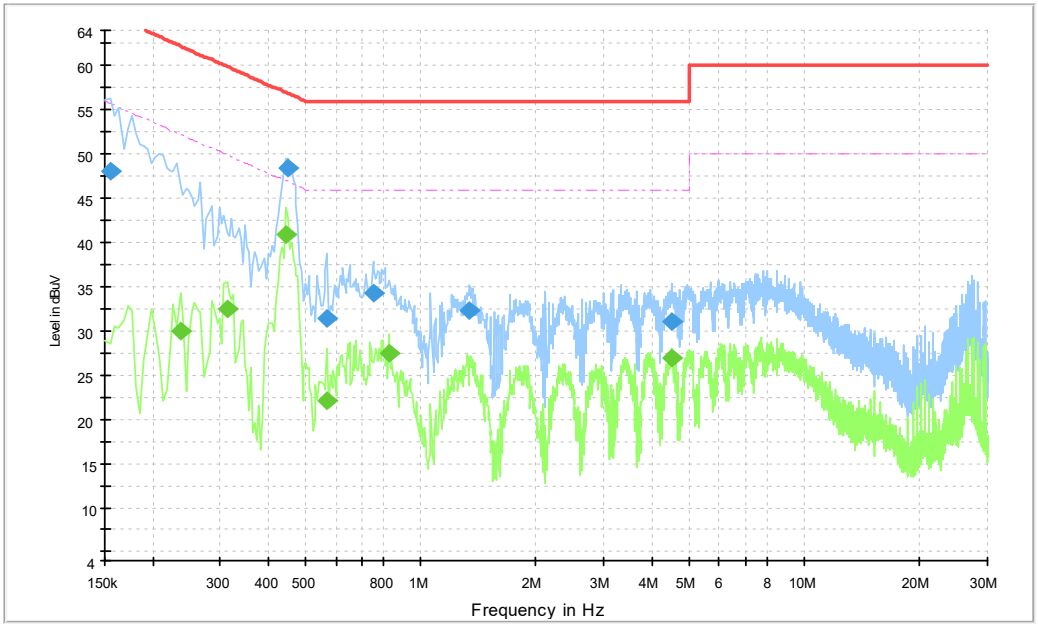


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.15	48.02	L1	20.14	17.70	65.80
0.45	48.36	N	20.15	8.50	56.80
0.57	31.34	N	20.15	24.70	56.00
0.75	34.27	N	20.10	21.70	56.00
1.34	32.31	L1	19.87	23.70	56.00
4.52	31.10	N	20.00	24.90	56.00

Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.24	29.90	N	20.03	22.40	52.30
0.31	32.49	L1	20.02	17.40	49.90
0.45	40.92	L1	20.06	6.00	46.90
0.57	22.08	N	20.15	23.90	46.00
0.83	27.49	N	20.08	18.50	46.00
4.52	27.01	L1	19.84	19.00	46.00

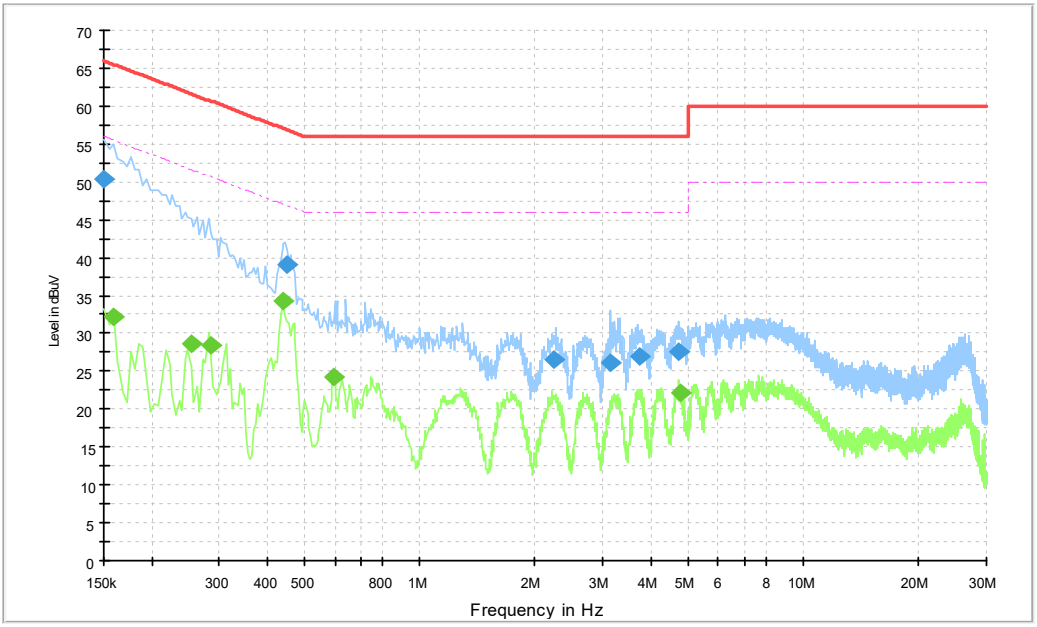


Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.15	50.42	N	20.23	15.60	66.00
0.45	39.09	N	20.15	17.80	56.90
2.25	26.64	N	19.99	29.40	56.00
3.16	26.03	L1	19.86	30.00	56.00
3.74	26.90	L1	19.84	29.10	56.00
4.73	27.60	L1	19.84	28.40	56.00

Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.16	32.26	N	20.09	23.30	55.50
0.25	28.54	N	20.05	23.10	51.70
0.28	28.51	N	20.06	22.20	50.70
0.44	34.20	N	20.15	12.90	47.10
0.60	24.14	N	20.14	21.90	46.00
4.76	22.15	L1	19.84	23.90	46.00

A.9. Antenna Requirement

The antenna of the device is permanently attached. There are no provisions for connection to an external antenna.

The unit complies with the requirement of FCC Part 15.203.

ANNEX B: EUT parameters

Disclaimer: The antenna gain and worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate

Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 23rd day of July 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

*****END OF REPORT*****