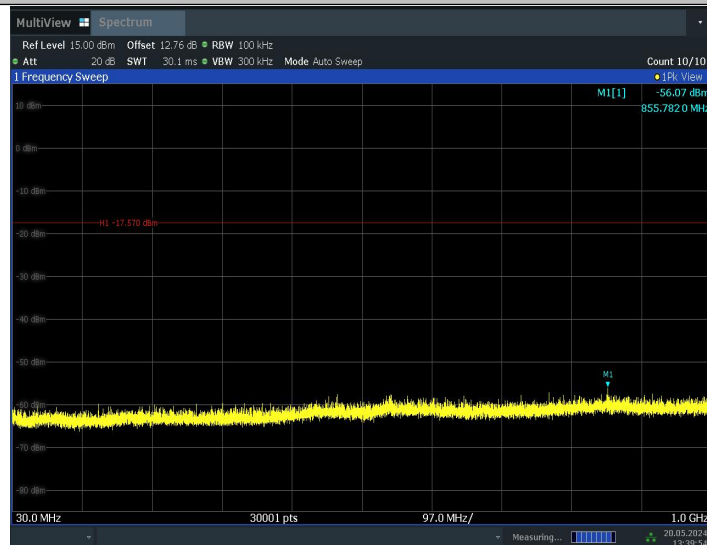


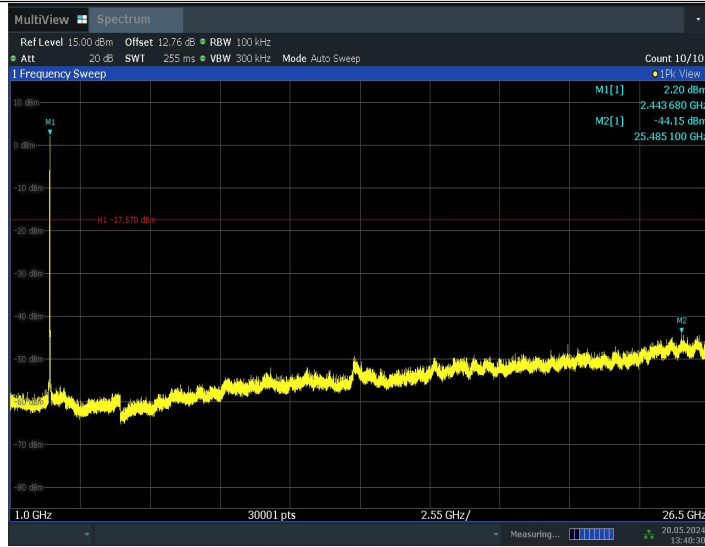
13:39:43 20.05.2024

11BE20MIMO_Ant0_2437_106+26_OFDMA_2_30~1000

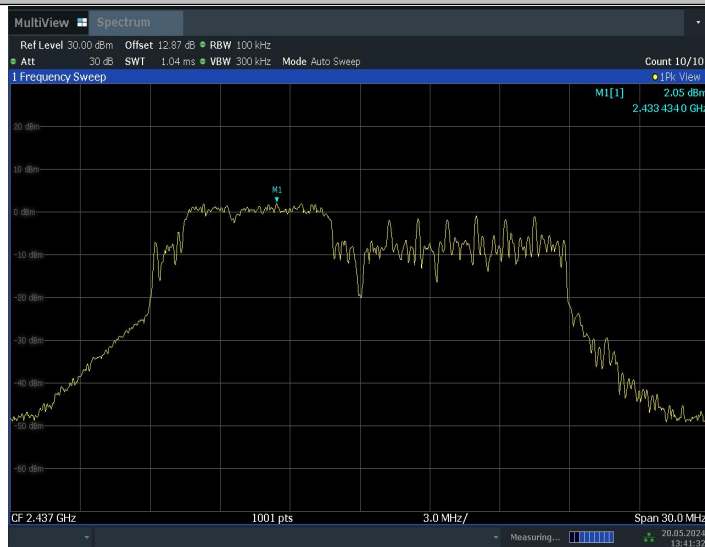


13:39:54 20.05.2024

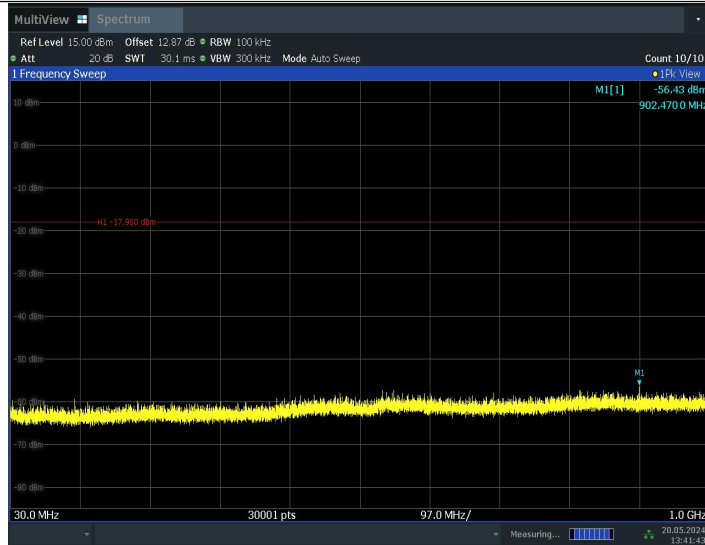
11BE20MIMO_Ant0_2437_106+26_OFDMA_2_1000~26500



11BE20MIMO_Ant1_2437_52+26_OFDMA_1_0~Reference

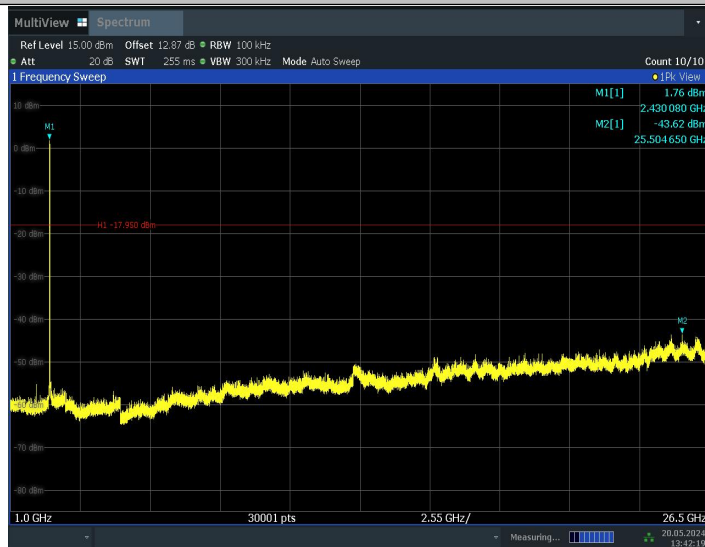


11BE20MIMO_Ant1_2437_52+26_OFDMA_1_30~1000



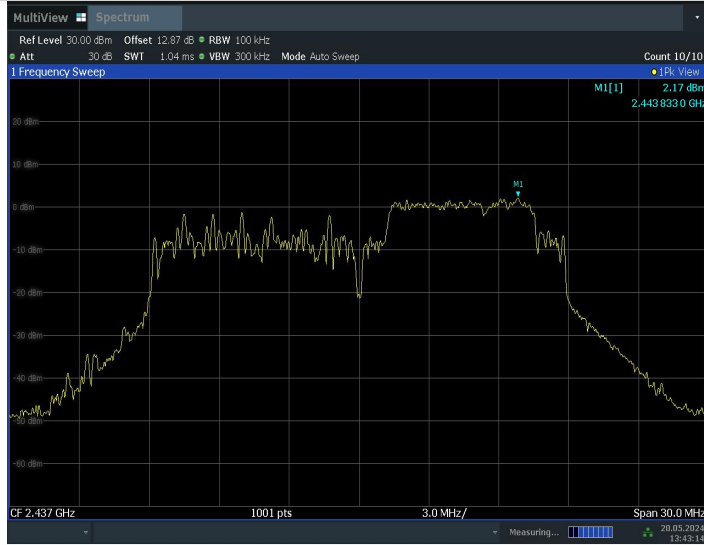
13:41:43 20.05.2024

11BE20MIMO_Ant1_2437_52+26_OFDMA_1_1000~26500



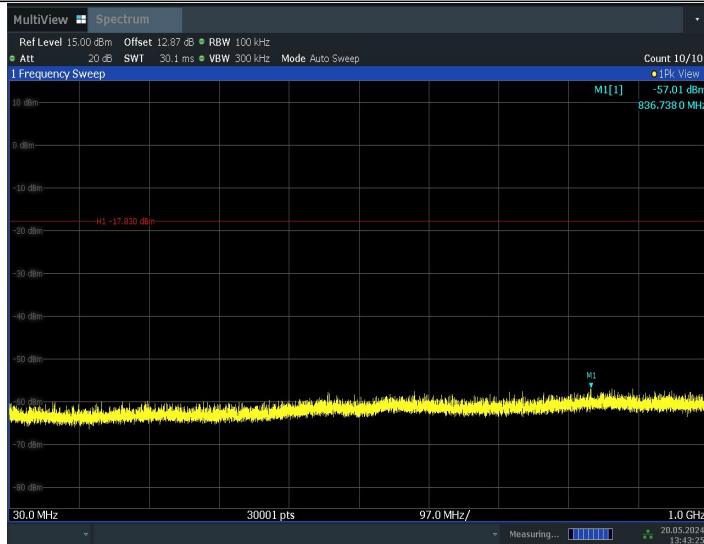
13:42:19 20.05.2024

11BE20MIMO_Ant1_2437_52+26_OFDMA_3_0~Reference



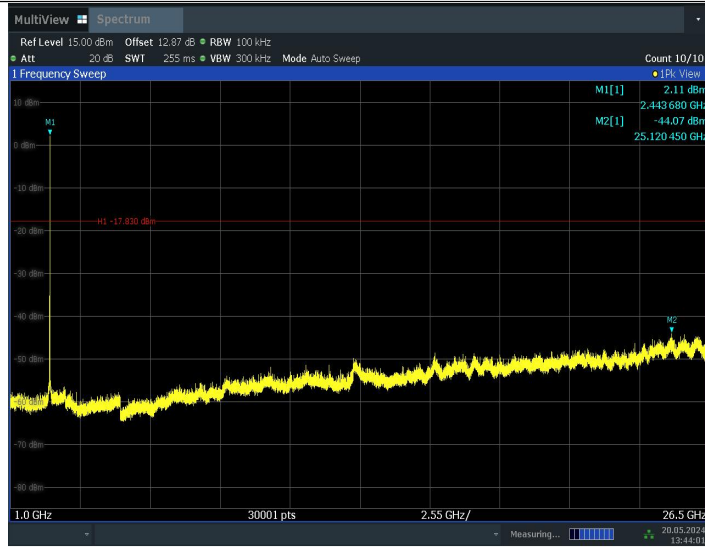
13:43:15 20.05.2024

11BE20MIMO_Ant1_2437_52+26_OFDMA_3_30~1000



13:43:26 20.05.2024

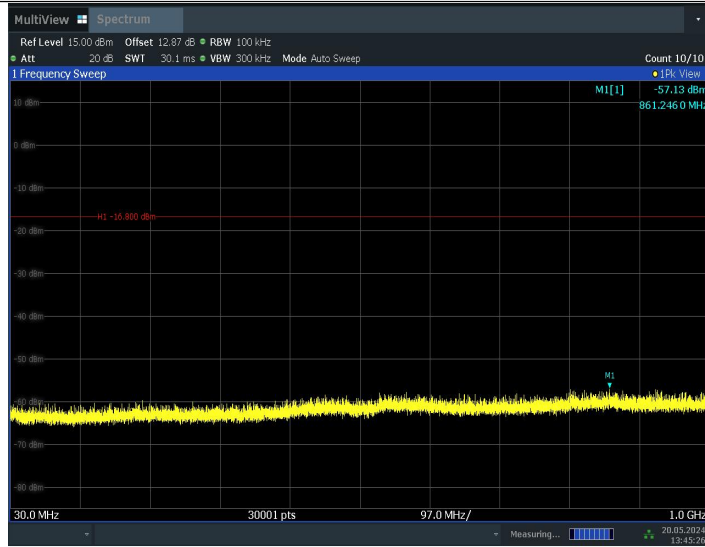
11BE20MIMO_Ant1_2437_52+26_OFDMA_3_1000~26500



11BE20MIMO_Ant1_2437_106+26_OFDMA_1_0~Reference

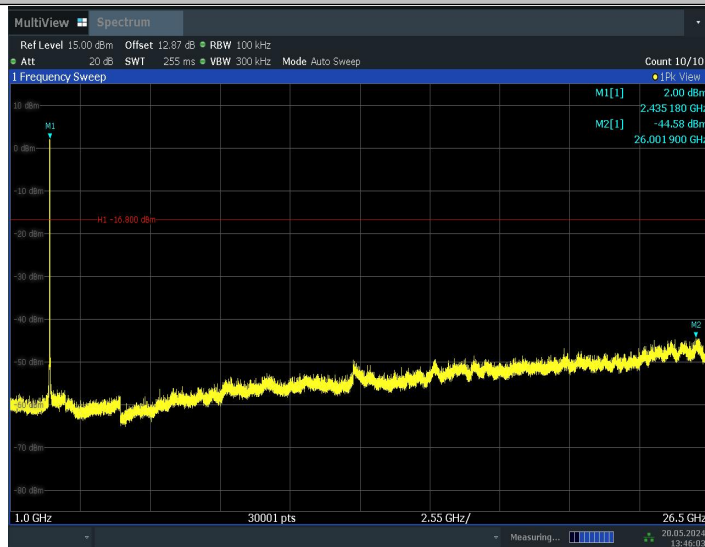


11BE20MIMO_Ant1_2437_106+26_OFDMA_1_30~1000



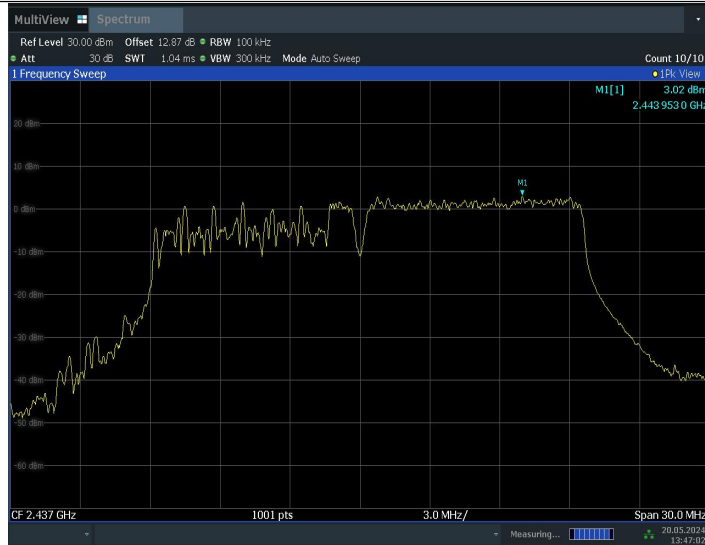
13:45:27 20.05.2024

11BE20MIMO_Ant1_2437_106+26_OFDMA_1_1000~26500



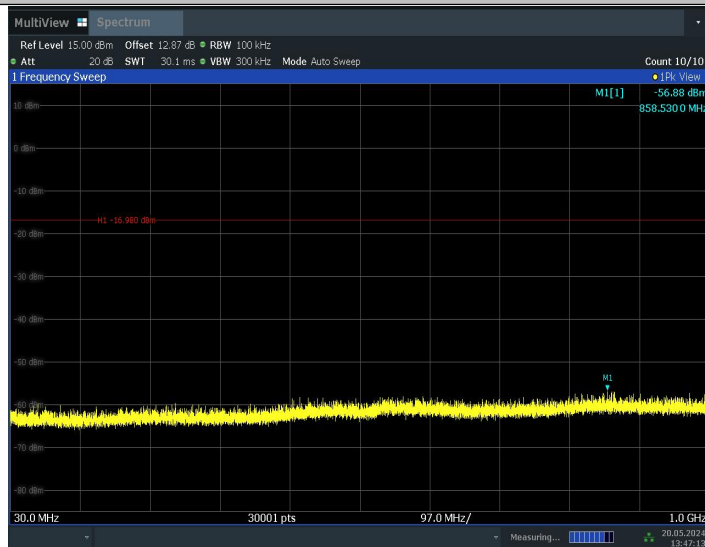
13:46:03 20.05.2024

11BE20MIMO_Ant1_2437_106+26_OFDMA_2_0~Reference



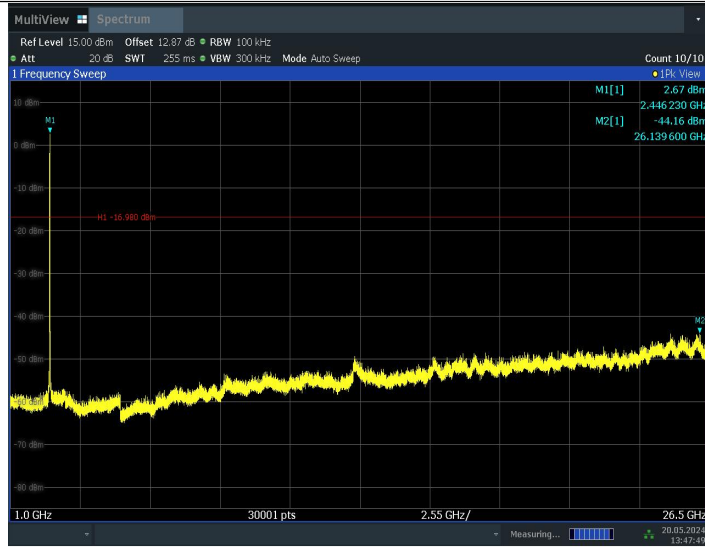
13:47:03 20.05.2024

11BE20MIMO_Ant1_2437_106+26_OFDMA_2_30~1000

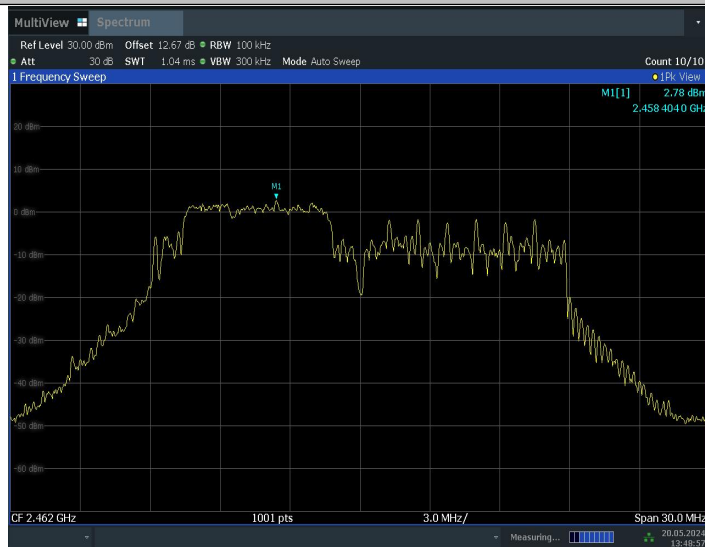


13:47:13 20.05.2024

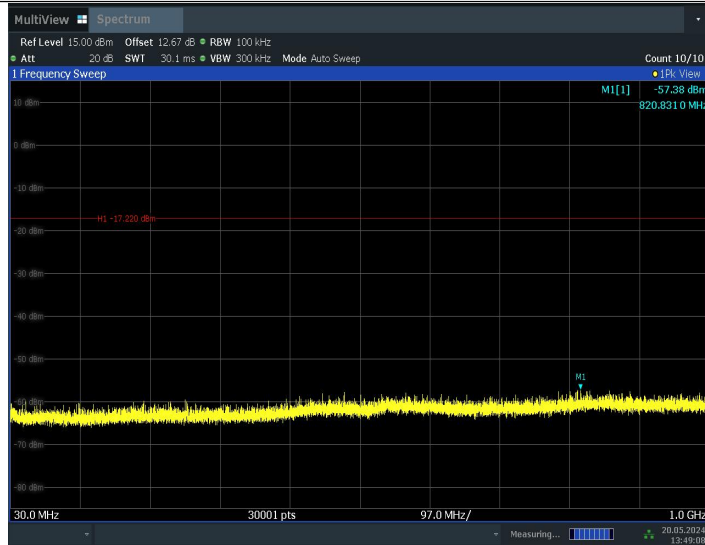
11BE20MIMO_Ant1_2437_106+26_OFDMA_2_1000~26500



11BE20MIMO_Ant0_2462_52+26_OFDMA_1_0~Reference

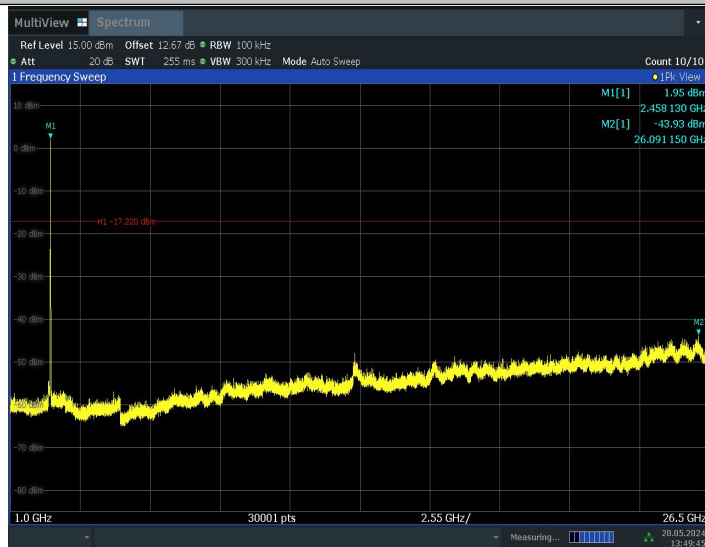


11BE20MIMO_Ant0_2462_52+26_OFDMA_1_30~1000



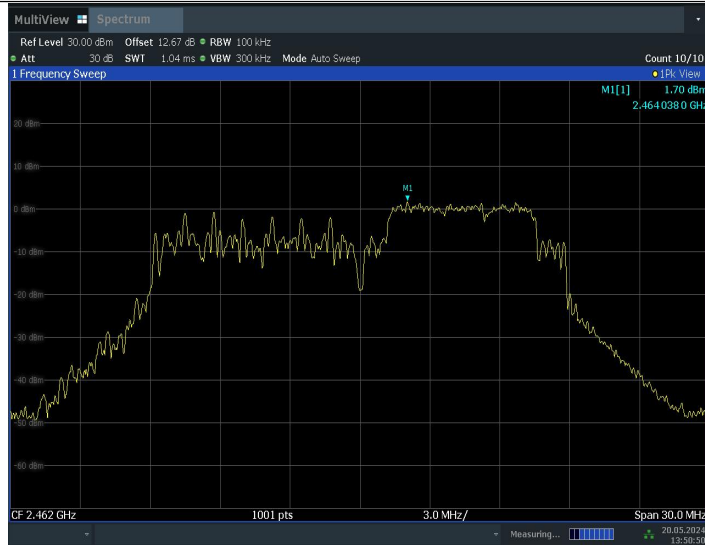
13:49:09 20.05.2024

11BE20MIMO_Ant0_2462_52+26_OFDMA_1_1000~26500



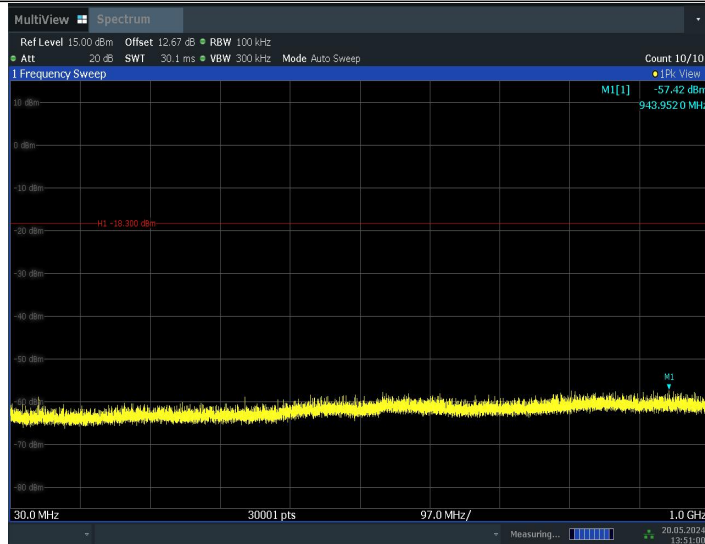
13:49:45 20.05.2024

11BE20MIMO_Ant0_2462_52+26_OFDMA_3_0~Reference



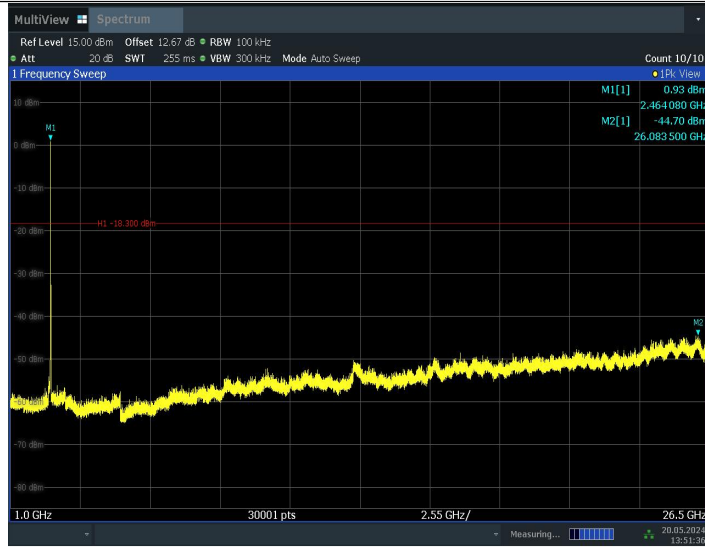
13:50:50 20.05.2024

11BE20MIMO_Ant0_2462_52+26_OFDMA_3_30~1000



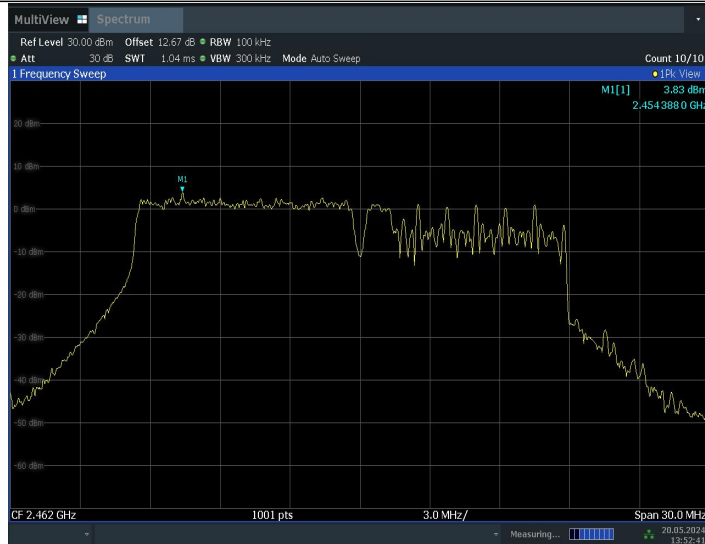
13:51:01 20.05.2024

11BE20MIMO_Ant0_2462_52+26_OFDMA_3_1000~26500



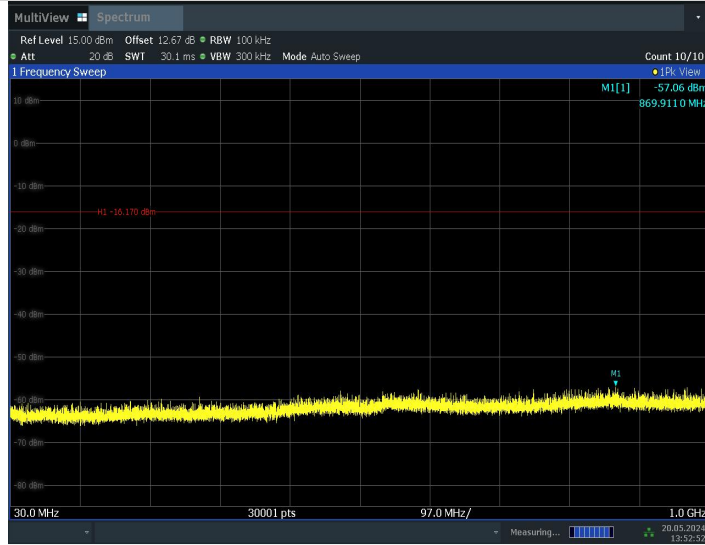
13:51:37 20.05.2024

11BE20MIMO_Ant0_2462_106+26_OFDMA_1_0~Reference



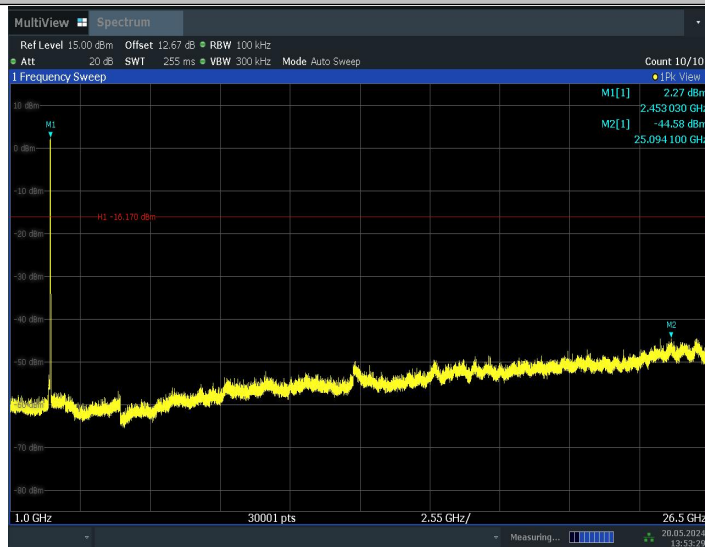
13:52:42 20.05.2024

11BE20MIMO_Ant0_2462_106+26_OFDMA_1_30~1000



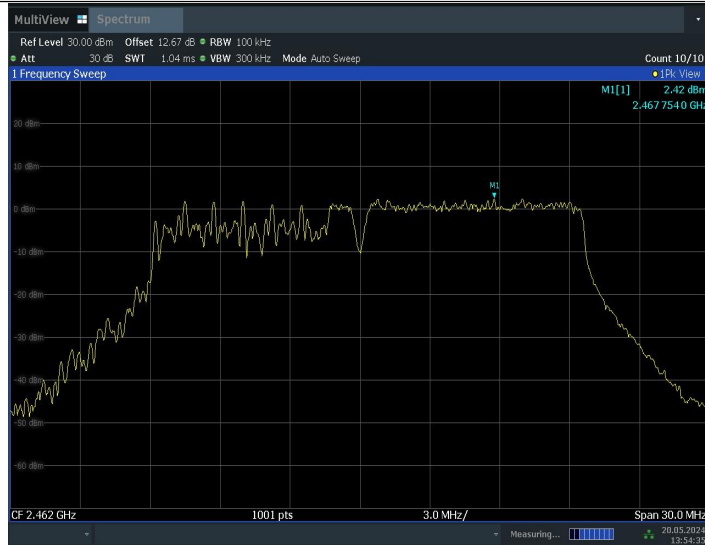
13:52:53 20.05.2024

11BE20MIMO_Ant0_2462_106+26_OFDMA_1_1000~26500



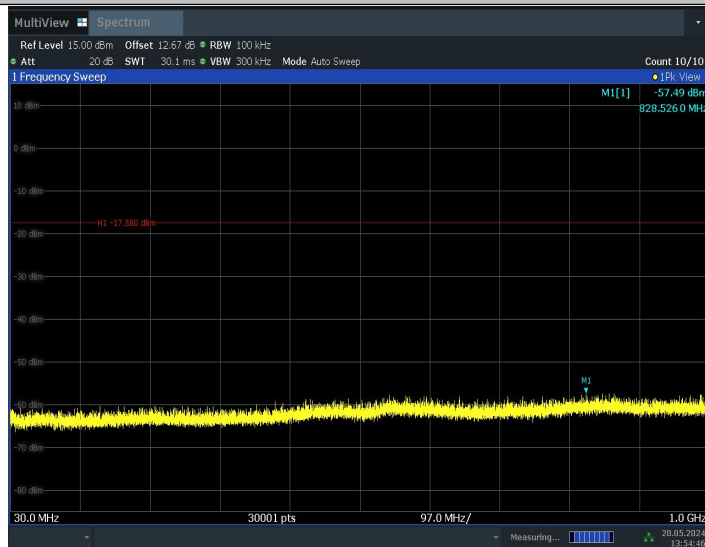
13:53:29 20.05.2024

11BE20MIMO_Ant0_2462_106+26_OFDMA_2_0~Reference



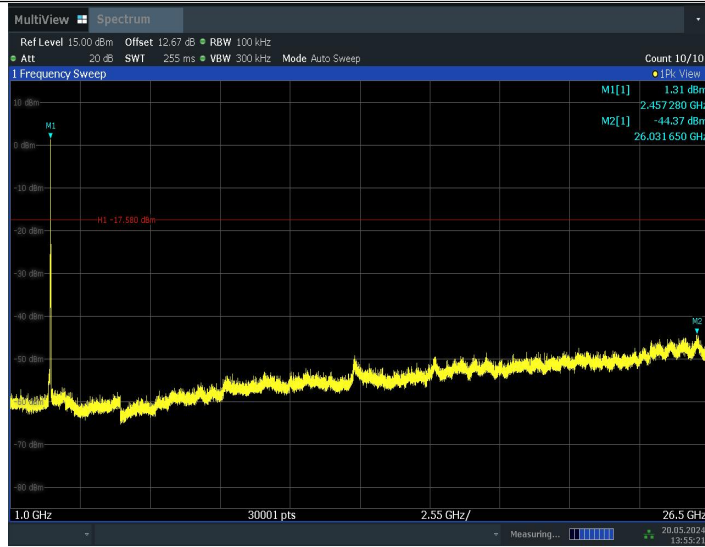
13:54:35 20.05.2024

11BE20MIMO_Ant0_2462_106+26_OFDMA_2_30~1000



13:54:46 20.05.2024

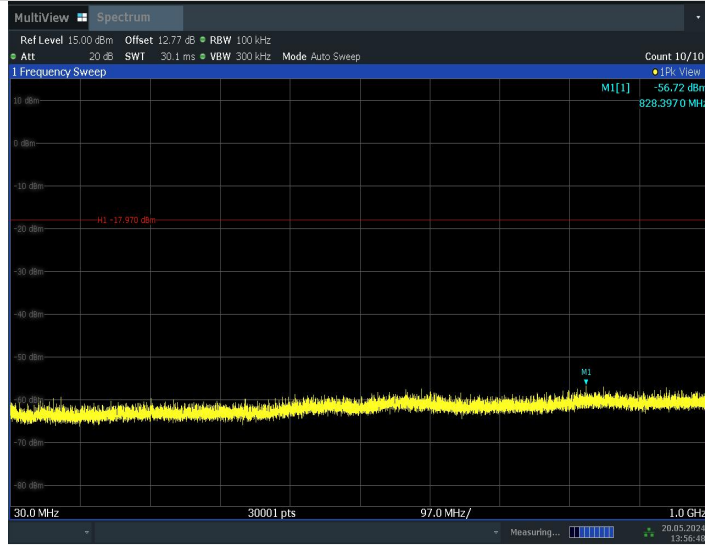
11BE20MIMO_Ant0_2462_106+26_OFDMA_2_1000~26500



11BE20MIMO_Ant1_2462_52+26_OFDMA_1_0~Reference

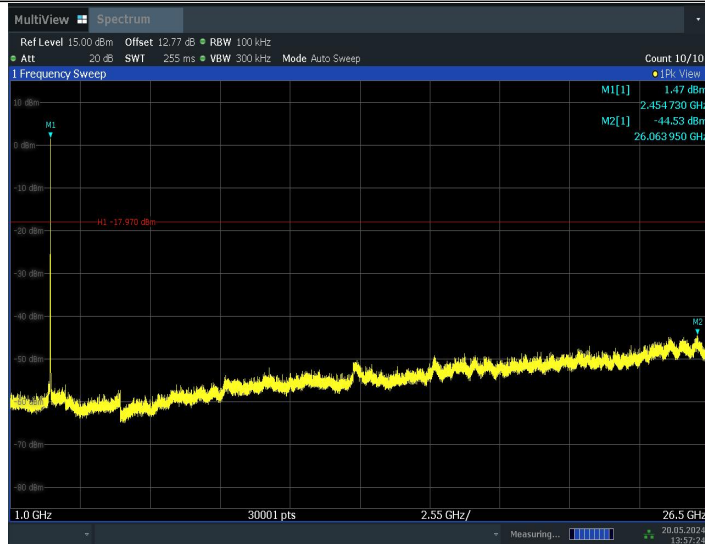


11BE20MIMO_Ant1_2462_52+26_OFDMA_1_30~1000



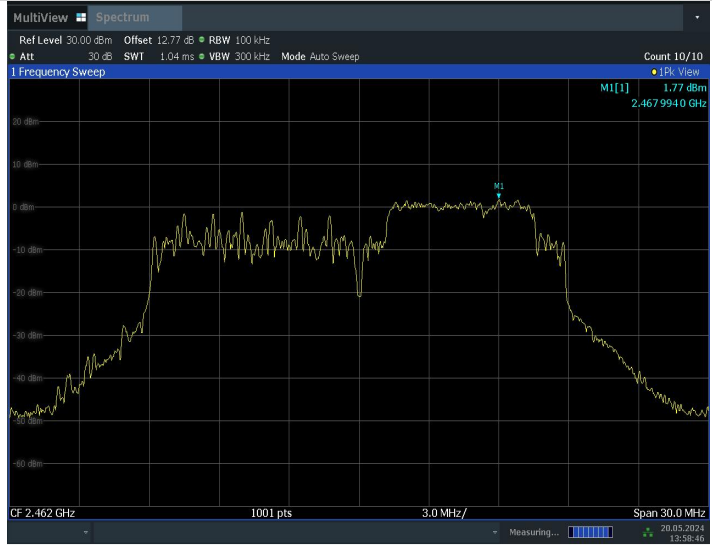
13:56:48 20.05.2024

11BE20MIMO_Ant1_2462_52+26_OFDMA_1_1000~26500



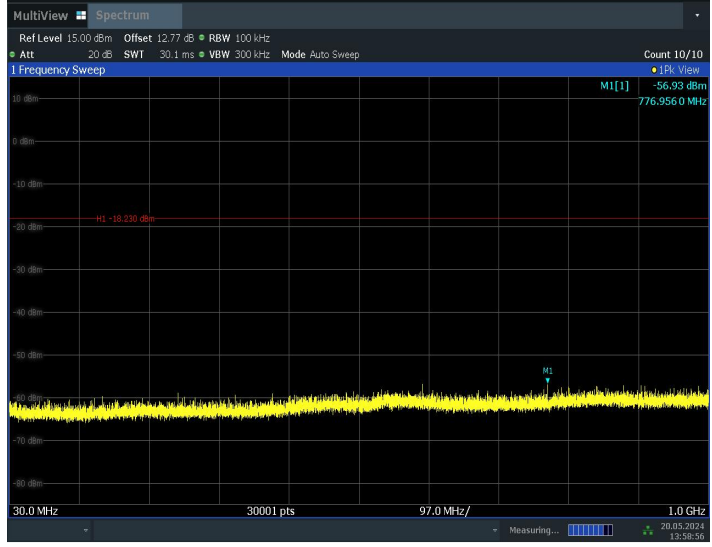
13:57:24 20.05.2024

11BE20MIMO_Ant1_2462_52+26_OFDMA_3_0~Reference



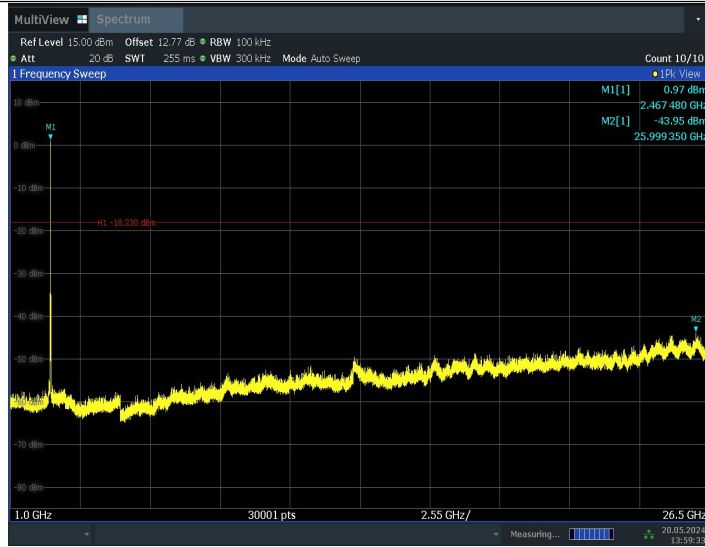
13:58:46 20.05.2024

11BE20MIMO_Ant1_2462_52+26_OFDMA_3_30~1000



13:58:57 20.05.2024

11BE20MIMO_Ant1_2462_52+26_OFDMA_3_1000~26500



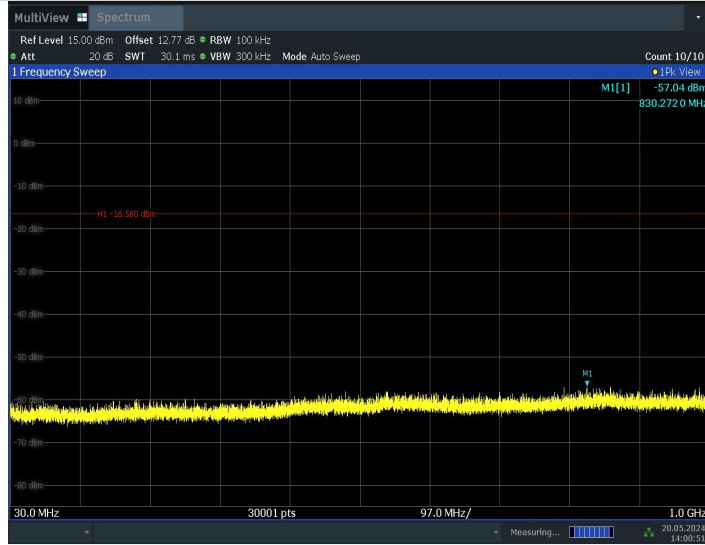
13:59:33 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_1_0~Reference



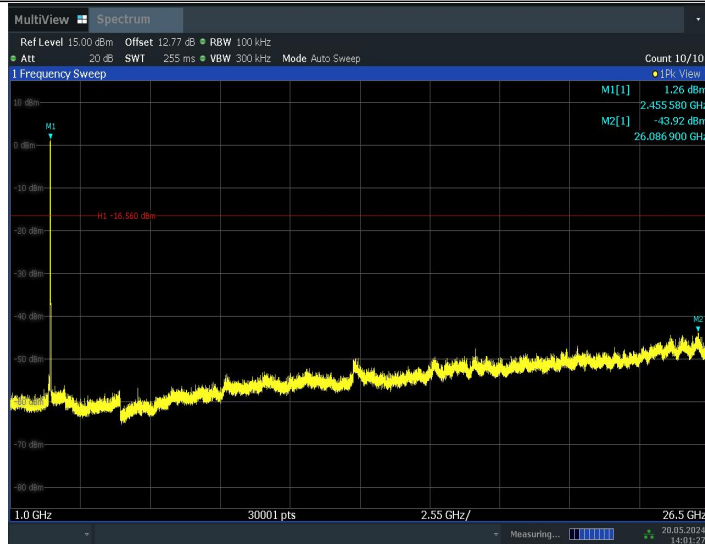
14:00:41 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_1_30~1000



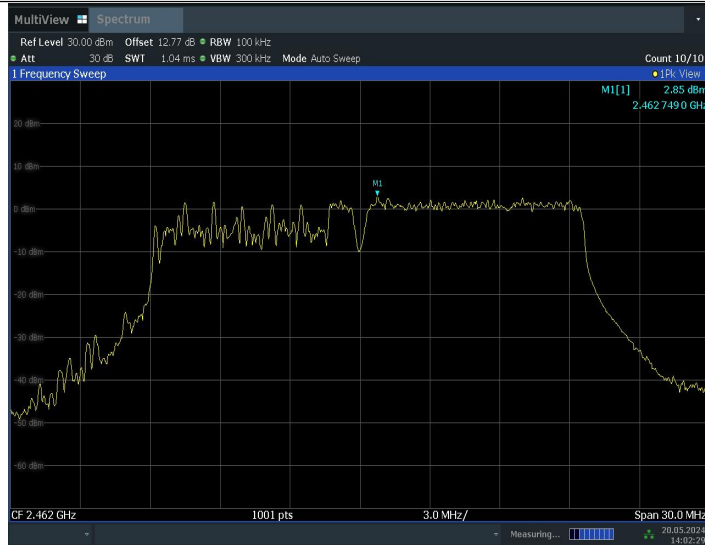
14:00:52 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_1_1000~26500



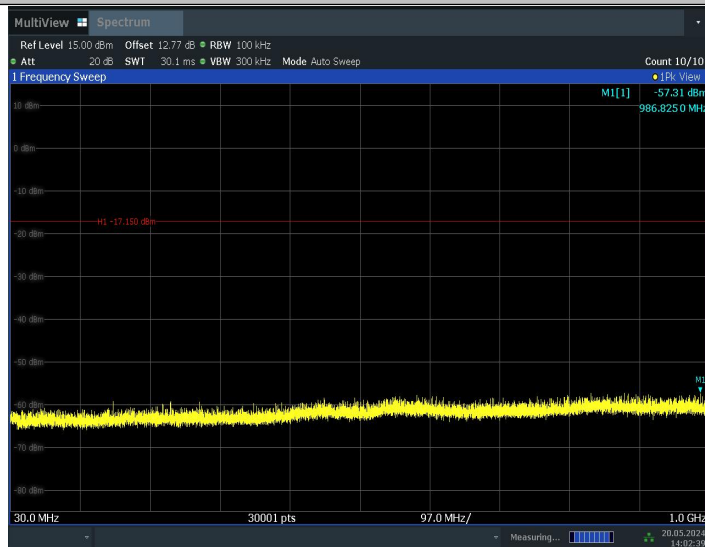
14:01:28 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_2_0~Reference



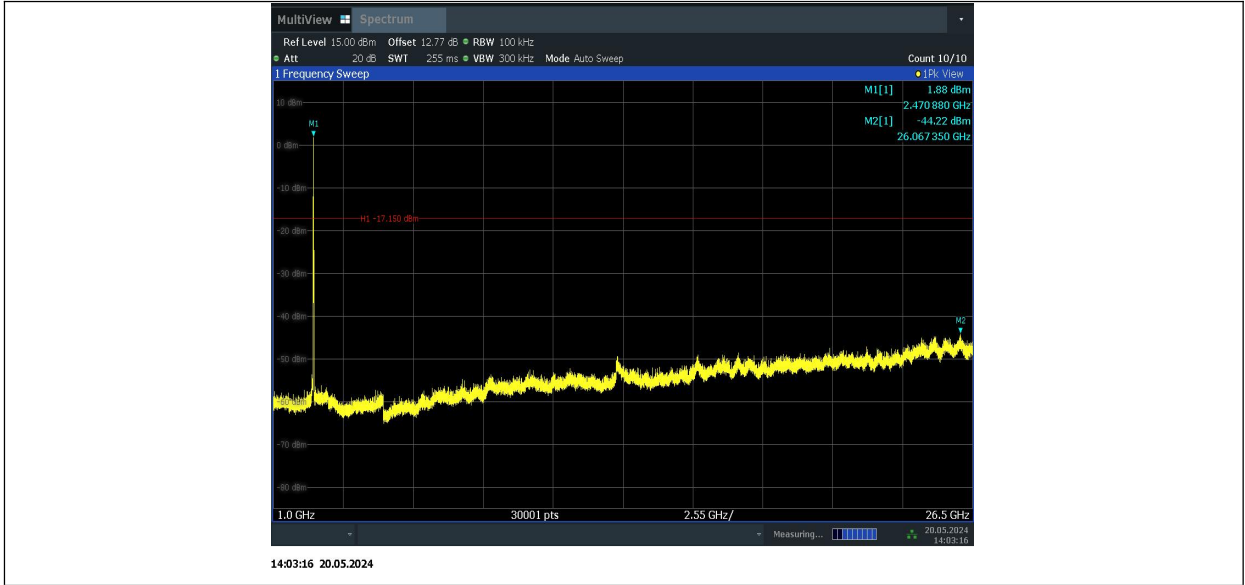
14:02:29 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_2_30~1000



14:02:40 20.05.2024

11BE20MIMO_Ant1_2462_106+26_OFDMA_2_1000~26500



Conclusion: Pass

A.7. Radiated Unwanted Emission

Limits

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 (MHz)	Field strength($\mu\text{V}/\text{m}$)	Measurement distance (m)
0.009 - 0.490	$2400/F(\text{kHz})$	300
0.490 - 1.705	$24000/F(\text{kHz})$	30
1.705 – 30.0	30	30

Frequency of emission (MHz)	Field strength ($\mu\text{V}/\text{m}$)	Field strength (dB $\mu\text{V}/\text{m}$)	Measurement distance (m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Note: When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor.

Test setup

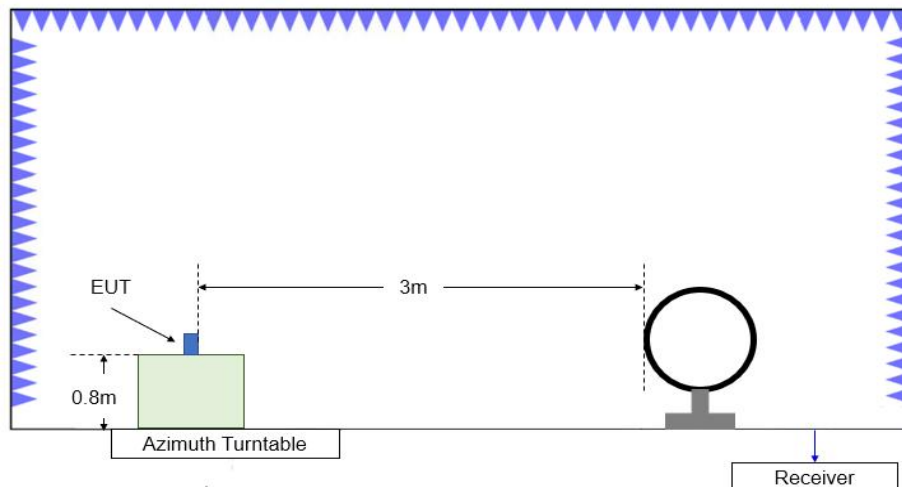


Figure A.7.1.1. Test Site Diagram (9kHz-30MHz)

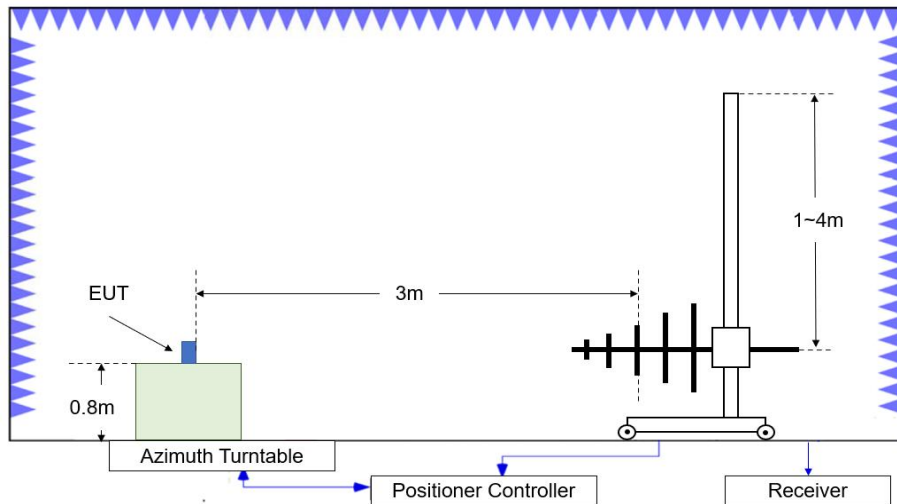


Figure A.7.1.2. Test Site Diagram (30MHz-1GHz)

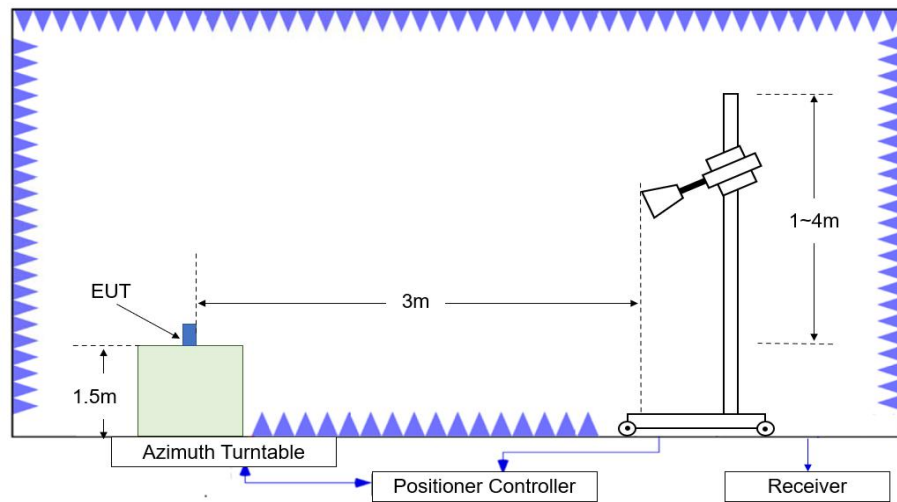


Figure A.7.1.3. Test Site Diagram (1GHz-40GHz)

Test Procedures

Radiated unwanted emissions from the EUT were measured according to ANSI C63.10.

Test setting

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100kHz/300kHz	5
1000-3000	1MHz/3MHz	15
3000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

Sample Calculation

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

Test note

1. The EUT is operating at its maximum duty cycle and its maximum power control level.
2. Investigation has been done on all modes and modulations/data rates. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.
3. Spurious emissions for all channels were investigated and almost the same below 1GHz. According to FCC 47 CFR §15.31, emission levels are not report much lower than the limit by over 20dB.
4. Measurement frequencies were performed from 9 kHz to the 10th harmonic of highest fundamental frequency or 40GHz, whichever is lower.
5. The test channels of low/mid/high frequencies were selected with consideration of both their position in band and the difference of target power. The channels of far left and far right as well as the left and right with largest target power were both tested, only the worst cases were reported.
6. Both full RU and partial RU were tested, only the worst cases were reported. The EUT support both SISO and MIMO, only the worst cases were reported.

Test Result

Peak

802.11b

Ch2

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)
17982.500	55.32	-29.40	46.00	38.72	74.00	18.68	V
14172.500	48.41	-30.20	41.70	36.91	74.00	25.59	V
11797.500	45.02	-32.00	39.20	37.82	74.00	28.98	V
9871.500	42.44	-33.90	37.90	38.44	74.00	31.56	H
7487.000	41.22	-35.10	36.40	39.92	74.00	32.78	V
2364.000	55.76	-19.60	28.20	47.16	74.00	18.24	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)
17998.000	51.53	-29.40	46.00	34.93	74.00	22.47	H
13751.500	48.35	-31.00	41.10	38.25	74.00	25.65	H
12757.500	45.91	-31.80	39.60	38.01	74.00	28.09	H
9985.500	43.47	-34.10	38.00	39.67	74.00	30.53	H
7637.500	42.95	-35.50	36.30	42.15	74.00	31.05	H
4833.500	39.36	-37.70	33.00	44.06	74.00	34.64	H

Ch10

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)
17606.000	51.33	-29.60	45.10	35.73	74.00	22.67	V
13740.000	47.74	-31.00	41.10	37.64	74.00	26.26	V
12987.000	44.57	-31.90	40.10	36.37	74.00	29.43	V
9515.500	43.31	-33.80	37.60	39.51	74.00	30.69	V
7155.500	42.33	-35.60	35.90	42.03	74.00	31.67	V
2485.400	55.73	-19.70	28.20	47.23	74.00	18.27	V

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)
17606.000	51.33	-29.60	45.10	35.73	74.00	22.67	V
13740.000	47.74	-31.00	41.10	37.64	74.00	26.26	V
12987.000	44.57	-31.90	40.10	36.37	74.00	29.43	V
9515.500	43.31	-33.80	37.60	39.51	74.00	30.69	V
7155.500	42.33	-35.60	35.90	42.03	74.00	31.67	V
2485.400	55.73	-19.70	28.20	47.23	74.00	18.27	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)
17116.500	50.53	-29.20	41.40	38.33	74.00	23.47	V
13717.000	47.53	-31.00	41.10	37.43	74.00	26.47	V
12910.500	44.61	-31.50	40.00	36.11	74.00	29.39	V
9113.000	43.29	-34.30	37.70	39.89	74.00	30.71	V
7618.500	41.94	-35.60	36.30	41.24	74.00	32.06	V
4787.000	37.88	-37.50	33.10	42.28	74.00	36.12	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)
17602.000	51.40	-29.60	45.10	35.80	74.00	22.60	V
13940.000	47.63	-30.60	41.40	36.83	74.00	26.37	V
10606.500	45.00	-33.50	38.30	40.20	74.00	29.00	H
9490.500	43.28	-34.60	37.70	40.18	74.00	30.72	V
7311.500	42.15	-35.40	36.60	40.95	74.00	31.85	V
2486.000	54.91	-19.70	28.20	46.41	74.00	19.09	V

802.11n-HT20

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)
17967.000	55.35	-29.40	46.00	38.75	74.00	18.65	H
14600.500	48.82	-29.00	41.90	35.92	74.00	25.18	V
12781.000	45.28	-31.50	39.80	36.98	74.00	28.72	V
9204.500	43.02	-34.70	37.70	40.02	74.00	30.98	V
7211.000	41.26	-35.40	36.20	40.46	74.00	32.74	V
2376.200	54.63	-19.90	28.10	46.43	74.00	19.37	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)
17909.500	50.56	-29.40	46.00	33.96	74.00	23.44	H
13782.500	47.59	-30.90	41.20	37.29	74.00	26.41	H
12985.000	44.56	-31.90	40.10	36.36	74.00	29.44	H
9503.500	43.34	-34.60	37.70	40.24	74.00	30.66	V
7307.000	41.78	-35.40	36.60	40.58	74.00	32.22	H
4830.000	37.83	-37.70	33.00	42.53	74.00	36.17	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)
17991.000	50.72	-29.40	46.00	34.12	74.00	23.28	H
13726.000	47.44	-31.00	41.10	37.34	74.00	26.56	V
12853.000	44.68	-31.90	39.90	36.68	74.00	29.32	V
9646.000	42.84	-34.30	37.60	39.54	74.00	31.16	V
7219.000	41.71	-35.40	36.20	40.91	74.00	32.29	V
2489.000	54.61	-19.70	28.20	46.11	74.00	19.39	V

802.11n-HT40

Ch5

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)
17961.000	51.40	-29.40	46.00	34.80	74.00	22.60	H
13950.500	47.83	-30.60	41.40	37.03	74.00	26.17	H
12625.500	45.13	-31.80	39.40	37.53	74.00	28.87	V
9423.000	43.41	-33.60	37.90	39.11	74.00	30.59	V
7313.000	42.51	-35.40	36.60	41.31	74.00	31.49	H
2389.100	56.19	-19.80	28.20	47.79	74.00	17.81	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)
17639.000	50.93	-29.50	45.40	35.03	74.00	23.07	H
13729.000	48.09	-31.00	41.10	37.99	74.00	25.91	V
12647.000	45.60	-31.80	39.40	38.00	74.00	28.40	V
9428.500	43.60	-33.60	37.90	39.30	74.00	30.40	V
7421.000	42.20	-35.10	36.60	40.70	74.00	31.80	H
4913.000	38.23	-37.60	33.30	42.53	74.00	35.77	V

Ch7

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)
17632.000	52.24	-29.50	45.40	36.34	74.00	21.76	V
13581.500	48.11	-31.30	40.80	38.61	74.00	25.89	V
12825.000	45.05	-31.90	39.90	37.05	74.00	28.95	V
9449.500	43.84	-33.60	37.90	39.54	74.00	30.16	V
7302.500	42.80	-35.40	36.60	41.60	74.00	31.20	V
2486.800	58.55	-19.70	28.20	50.05	74.00	15.45	V

802.11ac-HT20

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)
17919.000	54.50	-29.40	46.00	37.90	74.00	19.50	H
14185.000	48.74	-30.20	41.70	37.24	74.00	25.26	V
11858.000	45.46	-32.80	39.10	39.06	74.00	28.54	V
9617.500	42.90	-34.30	37.60	39.60	74.00	31.10	V
7945.000	40.93	-35.40	36.80	39.53	74.00	33.07	H
2312.400	54.72	-19.90	28.10	46.52	74.00	19.28	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)
17611.500	50.96	-29.60	45.10	35.36	74.00	23.04	V
13806.000	47.81	-30.90	41.20	37.51	74.00	26.19	V
12652.500	45.15	-31.80	39.40	37.55	74.00	28.85	V
9619.000	43.24	-34.30	37.60	39.94	74.00	30.76	V
7979.000	42.18	-35.40	36.90	40.68	74.00	31.82	H
4951.000	37.61	-37.40	33.60	41.41	74.00	36.39	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)
17969.000	51.07	-29.40	46.00	34.47	74.00	22.93	V
13705.000	48.32	-31.00	41.00	38.32	74.00	25.68	V
12290.000	45.14	-32.10	39.00	38.24	74.00	28.86	V
8710.500	44.06	-34.40	37.70	40.76	74.00	29.94	H
7612.500	43.20	-35.60	36.30	42.50	74.00	30.80	V
2494.900	54.57	-19.70	28.20	46.07	74.00	19.43	H

802.11ac-HT40

Ch5

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)
17982.500	51.15	-29.40	46.00	34.55	74.00	22.85	H
13796.500	47.63	-30.90	41.20	37.33	74.00	26.37	V
12298.500	45.11	-32.10	39.00	38.21	74.00	28.89	V
9408.500	44.04	-33.60	37.90	39.74	74.00	29.96	V
7602.500	42.57	-35.60	36.30	41.87	74.00	31.43	V
2384.800	55.63	-19.80	28.20	47.23	74.00	18.37	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)
17945.000	50.84	-29.40	46.00	34.24	74.00	23.16	V
14091.500	47.96	-30.20	41.70	36.46	74.00	26.04	V
11745.000	45.42	-32.90	39.20	39.12	74.00	28.58	H
9107.000	43.93	-34.60	37.70	40.83	74.00	30.07	V
7214.000	42.98	-35.40	36.20	42.18	74.00	31.02	V
4519.500	38.84	-37.70	32.60	43.94	74.00	35.16	V

Ch7

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)
17970.500	51.69	-29.40	46.00	35.09	74.00	22.31	H
13731.500	48.06	-31.00	41.10	37.96	74.00	25.94	V
12653.000	45.36	-31.80	39.40	37.76	74.00	28.64	V
9406.500	43.34	-33.60	37.90	39.04	74.00	30.66	V
7555.500	42.76	-35.50	36.30	41.96	74.00	31.24	V
2485.400	57.13	-19.70	28.20	48.63	74.00	16.87	V

802.11ax-HT20

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)
17980.500	54.59	-29.40	46.00	37.99	74.00	19.41	V
14299.500	48.66	-29.90	41.80	36.76	74.00	25.34	H
12843.500	45.11	-31.90	39.90	37.11	74.00	28.89	V
8855.500	43.64	-34.50	37.80	40.34	74.00	30.36	V
7949.500	40.48	-35.40	36.80	39.08	74.00	33.52	H
2340.300	54.46	-19.60	28.20	45.86	74.00	19.54	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)
17877.500	54.20	-29.40	46.00	37.60	74.00	19.80	H
14532.000	48.22	-30.60	41.90	36.92	74.00	25.78	V
11779.500	44.03	-32.90	39.20	37.73	74.00	29.97	H
8943.500	41.38	-33.90	37.70	37.58	74.00	32.62	H
7969.000	39.54	-35.40	36.80	38.14	74.00	34.46	H
3837.000	37.24	-37.90	32.70	42.44	74.00	36.76	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)
17981.500	51.54	-29.40	46.00	34.94	74.00	22.46	V
13804.000	48.59	-30.90	41.20	38.29	74.00	25.41	V
12651.000	45.02	-31.80	39.40	37.42	74.00	28.98	V
9510.500	43.34	-33.80	37.60	39.54	74.00	30.66	H
6755.000	43.18	-36.00	35.20	43.98	74.00	30.82	V
2485.700	54.60	-19.70	28.20	46.10	74.00	19.40	V

802.11ax-HT40

Ch5

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)
17975.000	51.38	-29.40	46.00	34.78	74.00	22.62	H
13697.000	47.74	-31.00	41.00	37.74	74.00	26.26	V
12917.000	45.42	-31.50	40.00	36.92	74.00	28.58	V
9503.000	44.31	-34.60	37.70	41.21	74.00	29.69	V
7802.000	42.94	-35.60	36.50	42.04	74.00	31.06	V
2385.900	55.95	-19.80	28.20	47.55	74.00	18.05	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)
17981.500	50.97	-29.40	46.00	34.37	74.00	23.03	H
14119.000	48.44	-30.80	41.70	37.54	74.00	25.56	H
12797.000	45.34	-31.50	39.80	37.04	74.00	28.66	V
9501.500	43.73	-34.60	37.70	40.63	74.00	30.27	V
7313.500	42.94	-35.40	36.60	41.74	74.00	31.06	V
4920.000	38.47	-37.60	33.30	42.77	74.00	35.53	H

Ch7

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)
17599.000	52.13	-29.60	45.10	36.53	74.00	21.87	V
13718.000	49.30	-31.00	41.10	39.20	74.00	24.70	V
12564.500	45.19	-31.20	39.20	37.19	74.00	28.81	V
9403.000	43.84	-34.10	37.90	40.04	74.00	30.16	V
7212.500	43.05	-35.40	36.20	42.25	74.00	30.95	V
2485.800	57.25	-19.70	28.20	48.75	74.00	16.75	V

802.11be-HT20

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)
17984.000	55.31	-29.40	46.00	38.71	74.00	18.69	V
14177.500	49.42	-30.20	41.70	37.92	74.00	24.58	H
12964.000	45.34	-31.40	40.00	36.74	74.00	28.66	V
9092.000	43.22	-34.60	37.70	40.12	74.00	30.78	V
7925.000	40.95	-35.40	36.80	39.55	74.00	33.05	V
2383.900	54.97	-19.80	28.20	46.57	74.00	19.03	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)
17514.500	50.98	-29.20	44.50	35.58	74.00	23.02	H
14115.500	47.28	-30.80	41.70	36.38	74.00	26.72	V
12648.500	44.57	-31.80	39.40	36.97	74.00	29.43	V
9585.000	43.07	-34.30	37.50	39.87	74.00	30.93	V
7310.000	42.07	-35.40	36.60	40.87	74.00	31.93	H
4075.000	37.93	-38.00	32.20	43.73	74.00	36.07	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)
17622.500	50.74	-29.60	45.10	35.14	74.00	23.26	H
13706.000	47.85	-31.00	41.00	37.85	74.00	26.15	V
12788.000	45.02	-31.50	39.80	36.72	74.00	28.98	H
9973.000	43.24	-34.10	38.00	39.44	74.00	30.76	V
7394.000	42.73	-35.10	36.60	41.23	74.00	31.27	V
2489.500	54.59	-19.70	28.20	46.09	74.00	19.41	V

802.11be-HT40

Ch5

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)
17977.500	51.84	-29.40	46.00	35.24	74.00	22.16	H
13626.000	48.72	-31.30	40.90	39.12	74.00	25.28	V
12841.000	45.69	-31.90	39.90	37.69	74.00	28.31	V
9195.500	43.62	-34.70	37.70	40.62	74.00	30.38	V
7608.000	42.50	-35.60	36.30	41.80	74.00	31.50	V
2384.300	55.56	-19.80	28.20	47.16	74.00	18.44	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)
17638.000	51.07	-29.50	45.40	35.17	74.00	22.93	H
13832.500	48.40	-30.00	41.20	37.10	74.00	25.60	H
12675.000	45.15	-31.90	39.50	37.55	74.00	28.85	V
9407.500	43.64	-33.60	37.90	39.34	74.00	30.36	V
7614.000	42.98	-35.60	36.30	42.28	74.00	31.02	V
4904.000	38.18	-37.60	33.30	42.48	74.00	35.82	V

Ch7

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)
17951.000	51.30	-29.40	46.00	34.70	74.00	22.70	V
13737.500	48.14	-31.00	41.10	38.04	74.00	25.86	V
12651.500	45.99	-31.80	39.40	38.39	74.00	28.01	V
9502.500	43.81	-34.60	37.70	40.71	74.00	30.19	V
7763.000	42.67	-35.10	36.40	41.37	74.00	31.33	H
2485.400	57.11	-19.70	28.20	48.61	74.00	16.89	V

Average
802.11b

Ch2

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)
17962.500	45.18	-29.40	46.00	28.58	54.00	8.82	V
14187.500	39.11	-30.20	41.70	27.61	54.00	14.89	V
11791.000	35.46	-32.00	39.20	28.26	54.00	18.54	V
9498.500	33.23	-34.60	37.70	30.13	54.00	20.77	V
7936.000	31.52	-35.40	36.80	30.12	54.00	22.48	V
2388.500	44.21	-19.80	28.20	35.81	54.00	9.79	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)
17989.500	41.98	-29.40	46.00	25.38	54.00	12.02	H
13752.000	38.63	-31.00	41.10	28.53	54.00	15.37	H
12659.500	35.89	-31.80	39.40	28.29	54.00	18.11	H
9404.500	34.51	-34.10	37.90	30.71	54.00	19.49	H
7306.000	33.57	-35.40	36.60	32.37	54.00	20.43	H
4923.500	29.47	-37.60	33.30	33.77	54.00	24.53	H

Ch10

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)
17610.500	41.08	-29.60	45.10	25.48	54.00	12.92	H
13784.500	37.76	-30.90	41.20	27.46	54.00	16.24	V
11768.000	34.90	-32.90	39.20	28.60	54.00	19.10	V
8720.500	33.14	-34.80	37.90	30.04	54.00	20.86	V
7312.000	32.62	-35.40	36.60	31.42	54.00	21.38	V
2486.000	44.35	-19.70	28.20	35.85	54.00	9.65	V

802.11g
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)
17955.000	45.64	-29.40	46.00	29.04	54.00	8.36	H
14173.000	39.23	-30.20	41.70	27.73	54.00	14.77	V
12793.500	34.95	-31.50	39.80	26.65	54.00	19.05	H
8961.500	33.41	-34.70	37.70	30.41	54.00	20.59	V
7962.000	31.20	-35.40	36.80	29.80	54.00	22.80	V
2385.100	43.11	-19.80	28.20	34.71	54.00	10.89	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)
17961.500	41.21	-29.40	46.00	24.61	54.00	12.79	V
13701.500	37.90	-31.00	41.00	27.90	54.00	16.10	H
12660.500	34.97	-31.80	39.40	27.37	54.00	19.03	H
9506.500	33.20	-33.80	37.60	29.40	54.00	20.80	V
7313.500	32.28	-35.40	36.60	31.08	54.00	21.72	V
4977.500	27.94	-37.40	33.60	31.74	54.00	26.06	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)
17493.500	41.22	-29.20	44.50	25.82	54.00	12.78	V
13666.500	38.03	-31.00	41.00	28.03	54.00	15.97	V
11903.500	34.89	-32.40	39.10	28.19	54.00	19.11	H
8996.500	33.32	-34.70	37.70	30.32	54.00	20.68	V
7313.000	32.19	-35.40	36.60	30.99	54.00	21.81	H
2485.600	43.24	-19.70	28.20	34.74	54.00	10.76	V

802.11n-HT20

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)
17963.000	45.71	-29.40	46.00	29.11	54.00	8.29	H
14554.500	39.27	-29.00	41.90	26.37	54.00	14.73	V
11886.500	35.40	-32.40	39.10	28.70	54.00	18.60	V
9315.000	32.82	-34.10	37.80	29.12	54.00	21.18	V
7966.000	31.28	-35.40	36.80	29.88	54.00	22.72	V
2362.900	43.38	-19.70	28.20	34.88	54.00	10.62	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)
17994.000	41.06	-29.40	46.00	24.46	54.00	12.94	V
13691.000	38.38	-31.00	41.00	28.38	54.00	15.62	V
12839.000	35.05	-31.90	39.90	27.05	54.00	18.95	V
9495.500	33.52	-34.60	37.70	30.42	54.00	20.48	V
7296.500	32.40	-35.40	36.60	31.20	54.00	21.60	V
4792.500	28.43	-37.50	33.10	32.83	54.00	25.57	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)
17593.000	41.30	-29.60	45.10	25.70	54.00	12.70	V
13710.500	38.00	-31.00	41.00	28.00	54.00	16.00	V
12793.000	35.07	-31.50	39.80	26.77	54.00	18.93	V
9496.500	33.55	-34.60	37.70	30.45	54.00	20.45	V
7532.000	32.56	-35.50	36.30	31.76	54.00	21.44	V
2485.800	43.19	-19.70	28.20	34.69	54.00	10.81	V

802.11n-HT40

Ch5

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)
17605.000	41.11	-29.60	45.10	25.51	54.00	12.89	V
14192.500	38.16	-30.20	41.70	26.66	54.00	15.84	V
12772.000	35.76	-31.80	39.60	27.86	54.00	18.24	V
9406.500	34.32	-33.60	37.90	30.02	54.00	19.68	V
7319.000	32.91	-35.40	36.60	31.71	54.00	21.09	V
2388.800	44.34	-19.80	28.20	35.94	54.00	9.66	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)
17908.500	41.50	-29.40	46.00	24.90	54.00	12.50	H
13720.000	38.28	-31.00	41.10	28.18	54.00	15.72	V
12975.000	35.41	-31.90	40.10	27.21	54.00	18.59	H
9417.000	33.79	-33.60	37.90	29.49	54.00	20.21	V
7416.500	33.10	-35.10	36.60	31.60	54.00	20.90	V
4942.000	28.70	-37.60	33.30	33.00	54.00	25.30	V

Ch7

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)
17977.000	41.69	-29.40	46.00	25.09	54.00	12.31	V
13713.500	38.24	-31.00	41.10	28.14	54.00	15.76	V
13000.000	35.34	-31.90	40.10	27.14	54.00	18.66	V
8999.500	34.04	-34.70	37.70	31.04	54.00	19.96	V
7323.000	33.27	-35.40	36.60	32.07	54.00	20.73	V
2485.200	46.17	-19.70	28.20	37.67	54.00	7.83	V

802.11ac-HT20

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)
17952.500	45.31	-29.40	46.00	28.71	54.00	8.69	H
14121.000	38.75	-30.80	41.70	27.85	54.00	15.25	H
12986.000	35.56	-31.90	40.10	27.36	54.00	18.44	H
8846.000	32.77	-34.50	37.80	29.47	54.00	21.23	H
7930.500	31.94	-35.40	36.80	30.54	54.00	22.06	V
2386.900	43.16	-19.80	28.20	34.76	54.00	10.84	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)
17474.500	41.28	-28.50	44.20	25.58	54.00	12.72	V
13780.000	37.71	-30.90	41.20	27.41	54.00	16.29	H
12759.000	34.87	-31.80	39.60	26.97	54.00	19.13	V
8988.000	33.23	-34.70	37.70	30.23	54.00	20.77	V
7314.500	32.28	-35.40	36.60	31.08	54.00	21.72	V
4921.000	28.27	-37.60	33.30	32.57	54.00	25.73	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)
17600.000	41.69	-29.60	45.10	26.09	54.00	12.31	V
13688.000	38.37	-31.00	41.00	28.37	54.00	15.63	H
12637.500	35.77	-31.80	39.40	28.17	54.00	18.23	V
9216.000	34.21	-34.30	37.60	30.91	54.00	19.79	V
7143.500	33.38	-35.60	35.90	33.08	54.00	20.62	V
2486.100	43.23	-19.70	28.20	34.73	54.00	10.77	V

802.11ac-HT40
Ch5

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)
17600.500	41.85	-29.60	45.10	26.25	54.00	12.15	V
13941.500	39.57	-30.60	41.40	28.77	54.00	14.43	V
12664.000	35.73	-31.80	39.40	28.13	54.00	18.27	V
9405.000	34.47	-34.10	37.90	30.67	54.00	19.53	V
7309.500	33.45	-35.40	36.60	32.25	54.00	20.55	V
2389.700	44.29	-19.80	28.20	35.89	54.00	9.71	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)
17989.500	41.64	-29.40	46.00	25.04	54.00	12.36	V
13810.000	38.42	-30.90	41.20	28.12	54.00	15.58	V
12852.000	35.53	-31.90	39.90	27.53	54.00	18.47	V
9502.000	34.05	-34.60	37.70	30.95	54.00	19.95	V
7310.500	33.61	-35.40	36.60	32.41	54.00	20.39	V
4786.500	29.06	-37.50	33.10	33.46	54.00	24.94	V

Ch7

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)
17635.500	41.23	-29.50	45.40	25.33	54.00	12.77	H
13713.500	39.10	-31.00	41.10	29.00	54.00	14.90	V
12864.500	35.80	-31.90	39.90	27.80	54.00	18.20	V
9201.500	33.81	-34.70	37.70	30.81	54.00	20.19	V
7786.000	33.32	-35.60	36.50	32.42	54.00	20.68	V
2485.400	45.65	-19.70	28.20	37.15	54.00	8.35	V

802.11ax-HT20

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)
17988.500	45.56	-29.40	46.00	28.96	54.00	8.44	V
14175.500	39.02	-30.20	41.70	27.52	54.00	14.98	V
11826.000	34.87	-32.00	39.20	27.67	54.00	19.13	V
9505.000	33.04	-33.80	37.60	29.24	54.00	20.96	V
7953.500	31.06	-35.40	36.80	29.66	54.00	22.94	V
2385.300	43.05	-19.80	28.20	34.65	54.00	10.95	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)
17960.500	44.55	-29.40	46.00	27.95	54.00	9.45	H
14685.000	38.47	-30.00	41.50	26.97	54.00	15.53	H
12638.500	33.80	-31.80	39.40	26.20	54.00	20.20	H
8936.500	32.05	-33.90	37.70	28.25	54.00	21.95	H
7960.500	30.21	-35.40	36.80	28.81	54.00	23.79	H
3732.500	28.08	-37.70	32.30	33.48	54.00	25.92	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)
17982.500	41.45	-29.40	46.00	24.85	54.00	12.55	V
14193.000	38.43	-30.20	41.70	26.93	54.00	15.57	V
12576.000	35.74	-32.20	39.30	28.64	54.00	18.26	V
9391.000	34.45	-34.10	37.90	30.65	54.00	19.55	V
7219.500	33.14	-35.40	36.20	32.34	54.00	20.86	V
2486.900	43.12	-19.70	28.20	34.62	54.00	10.88	V

802.11ax-HT40

Ch5

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)
17629.000	41.48	-29.50	45.40	25.58	54.00	12.52	V
13701.000	38.53	-31.00	41.00	28.53	54.00	15.47	V
12658.500	36.07	-31.80	39.40	28.47	54.00	17.93	V
9492.000	34.22	-34.60	37.70	31.12	54.00	19.78	H
7319.500	33.02	-35.40	36.60	31.82	54.00	20.98	V
2389.800	44.61	-19.80	28.20	36.21	54.00	9.39	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)
17963.500	41.79	-29.40	46.00	25.19	54.00	12.21	V
13699.000	38.41	-31.00	41.00	28.41	54.00	15.59	V
12972.500	35.69	-31.90	40.10	27.49	54.00	18.31	V
9314.500	34.95	-34.10	37.80	31.25	54.00	19.05	V
7314.000	33.44	-35.40	36.60	32.24	54.00	20.56	V
4692.000	28.72	-37.50	32.80	33.42	54.00	25.28	V

Ch7

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)
17587.000	41.83	-29.60	45.10	26.23	54.00	12.17	V
13757.500	38.24	-31.00	41.10	28.14	54.00	15.76	V
12852.500	36.08	-31.90	39.90	28.08	54.00	17.92	V
9393.000	34.28	-34.10	37.90	30.48	54.00	19.72	V
6847.500	33.13	-36.10	35.40	33.83	54.00	20.87	V
2485.300	45.35	-19.70	28.20	36.85	54.00	8.65	V

802.11be-HT20

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)
17993.000	46.01	-29.40	46.00	29.41	54.00	7.99	H
14177.000	39.37	-30.20	41.70	27.87	54.00	14.63	V
12784.000	35.04	-31.50	39.80	26.74	54.00	18.96	V
9419.000	32.89	-33.60	37.90	28.59	54.00	21.11	H
7961.000	31.54	-35.40	36.80	30.14	54.00	22.46	V
2386.800	43.05	-19.80	28.20	34.65	54.00	10.95	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)
17963.500	41.16	-29.40	46.00	24.56	54.00	12.84	V
13703.000	37.91	-31.00	41.00	27.91	54.00	16.09	V
11908.000	35.27	-32.40	39.10	28.57	54.00	18.73	V
8718.000	33.21	-34.80	37.90	30.11	54.00	20.79	V
7533.000	32.34	-35.50	36.30	31.54	54.00	21.66	V
4955.500	28.24	-37.40	33.60	32.04	54.00	25.76	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)
17826.000	41.75	-29.40	46.00	25.15	54.00	12.25	H
13745.500	38.23	-31.00	41.10	28.13	54.00	15.77	V
12861.000	35.38	-31.90	39.90	27.38	54.00	18.62	V
9208.500	34.37	-34.30	37.60	31.07	54.00	19.63	V
7309.000	33.20	-35.40	36.60	32.00	54.00	20.80	V
2486.400	43.29	-19.70	28.20	34.79	54.00	10.71	V

802.11be-HT40

Ch5

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)
17963.500	41.66	-29.40	46.00	25.06	54.00	12.34	V
13713.000	38.43	-31.00	41.10	28.33	54.00	15.57	V
12776.000	35.36	-31.50	39.80	27.06	54.00	18.64	H
9388.500	34.30	-34.10	37.90	30.50	54.00	19.70	V
7415.500	33.12	-35.10	36.60	31.62	54.00	20.88	V
2389.500	44.38	-19.80	28.20	35.98	54.00	9.62	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)
17594.000	41.68	-29.60	45.10	26.08	54.00	12.32	V
13787.500	38.64	-30.90	41.20	28.34	54.00	15.36	V
12965.000	35.70	-31.40	40.00	27.10	54.00	18.30	V
9503.500	34.26	-34.60	37.70	31.16	54.00	19.74	V
7514.500	33.80	-35.10	36.40	32.50	54.00	20.20	V
4931.500	28.59	-37.60	33.30	32.89	54.00	25.41	V

Ch7

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)
17610.500	42.56	-29.60	45.10	26.96	54.00	11.44	H
13773.500	38.27	-30.90	41.20	27.97	54.00	15.73	V
12648.000	35.63	-31.80	39.40	28.03	54.00	18.37	H
9314.500	34.15	-34.10	37.80	30.45	54.00	19.85	V
7510.000	33.17	-35.10	36.40	31.87	54.00	20.83	V
2485.100	45.69	-19.70	28.20	37.19	54.00	8.31	V

Band edge compliance

802.11b mode

Mode	Channel	Test Results	Conclusion
802.11b	1	Fig.A.7.2.1	P
	11	Fig.A.7.2.2	P

802.11g mode

Mode	Channel	Test Results	Conclusion
802.11g	1	Fig.A.7.2.3	P
	11	Fig.A.7.2.4	P

802.11n-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT20)	1	Fig.A.7.2.5	P
	11	Fig.A.7.2.6	P

802.11n-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT40)	3	Fig.A.7.2.7	P
	9	Fig.A.7.2.8	P

802.11ac-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11ac (HT20)	1	Fig.A.7.2.9	P
	11	Fig.A.7.2.10	P

802.11ac-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11ac (HT40)	3	Fig.A.7.2.11	P
	9	Fig.A.7.2.12	P

802.11ax-HT20 mode full RU

Mode	Channel	Test Results	Conclusion
802.11ax (HT20)	1	Fig.A.7.2.13	P
	11	Fig.A.7.2.14	P

802.11ax-HT40 mode full RU

Mode	Channel	Test Results	Conclusion
802.11ax (HT40)	3	Fig.A.7.2.15	P
	9	Fig.A.7.2.16	P

802.11be-HT20 mode full RU

Mode	Channel	Test Results	Conclusion
802.11be (HT20)	1	Fig.A.7.2.17	P
	11	Fig.A.7.2.18	P

802.11be-HT40 mode full RU

Mode	Channel	Test Results	Conclusion
802.11be (HT40)	3	Fig.A.7.2.19	P
	9	Fig.A.7.2.20	P

802.11ax-HT20 mode partial RU

Mode	Channel	RU Configuration	Test Results	Conclusion
802.11ax (HT20)	1	26RU index 0	Fig.A.7.2.21	P
	11	26RU index 8	Fig.A.7.2.22	P

802.11ax-HT40 mode partial RU

Mode	Channel	RU Configuration	Test Results	Conclusion
802.11ax (HT40)	3	26RU index 0	Fig.A.7.2.23	P
	9	26RU index 17	Fig.A.7.2.24	P

802.11be-HT20 mode partial RU

Mode	Channel	RU Configuration	Test Results	Conclusion
802.11be (HT20)	1	26RU index 0	Fig.A.7.2.25	P
	11	26RU index 8	Fig.A.7.2.26	P

802.11be-HT40 mode partial RU

Mode	Channel	RU Configuration	Test Results	Conclusion
802.11be (HT40)	3	26RU index 0	Fig.A.7.2.27	P
	9	26RU index 17	Fig.A.7.2.28	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:

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

Test graphs as below:

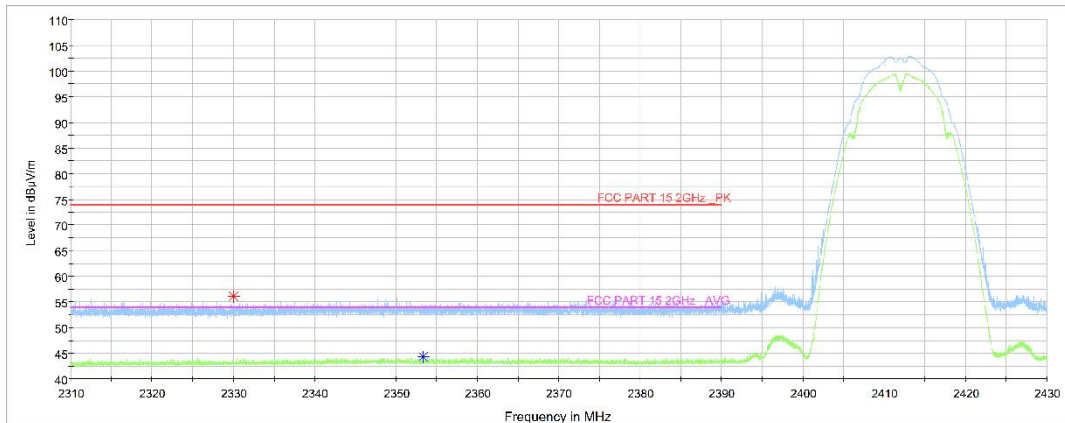


Fig.A.7.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, MIMO, 2.31 GHz – 2.45GHz

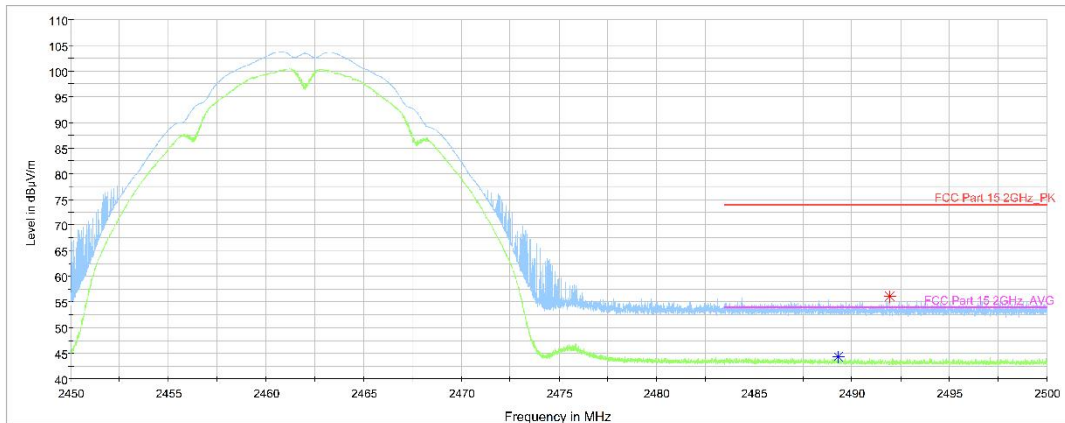


Fig.A.7.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, MIMO, 2.45 GHz - 2.50GHz

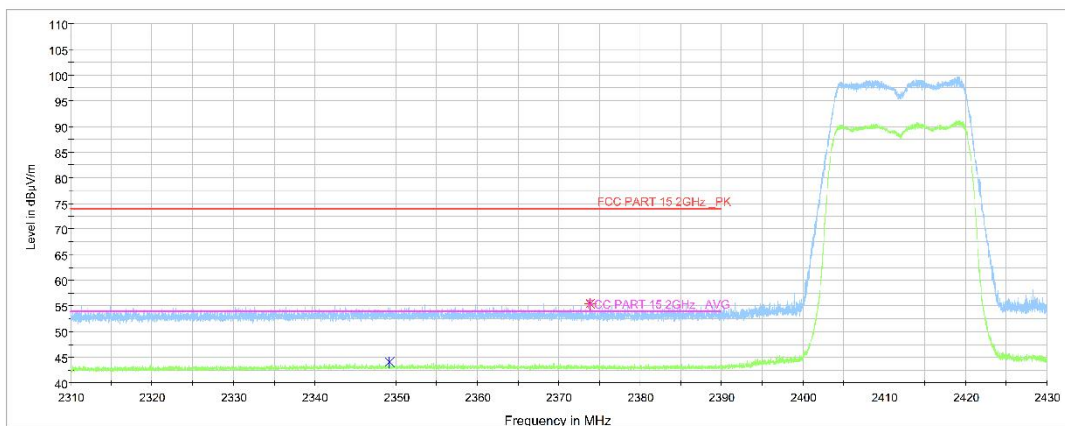


Fig.A.7.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, MIMO, 2.31 GHz - 2.43GHz