

Fig. 39 Band Edges (802.11ax-HE160 Ch114, 5570MHz)

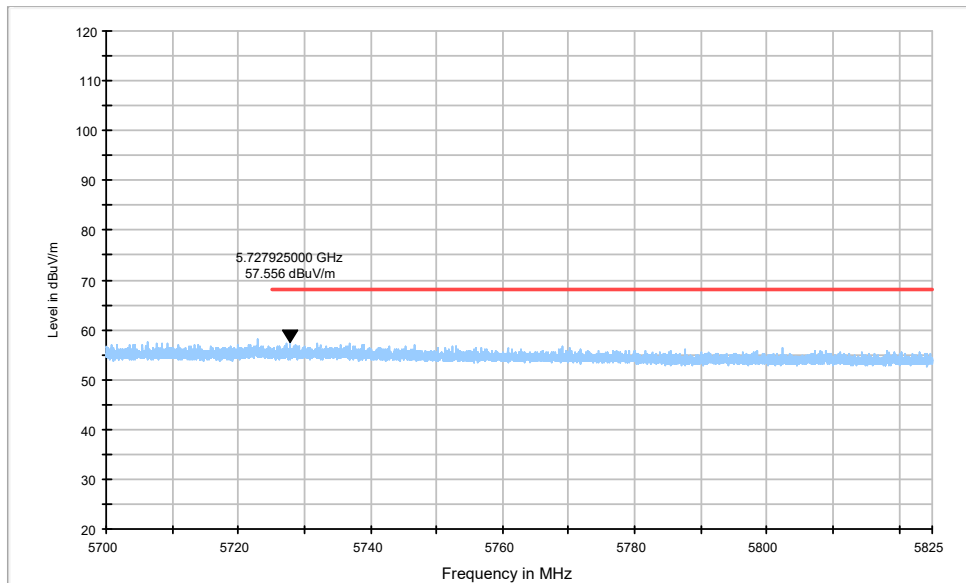


Fig. 40 Band Edges (802.11ax-HE160 Ch114, 5570MHz)

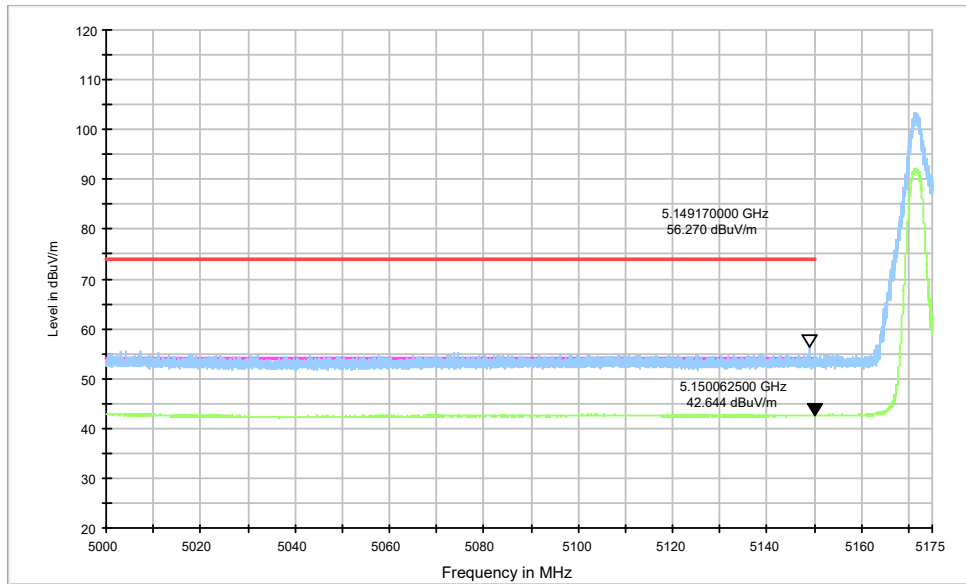


Fig. 41 Band Edges (802.11ax-HE20 RU26 Ch36, 5180MHz)

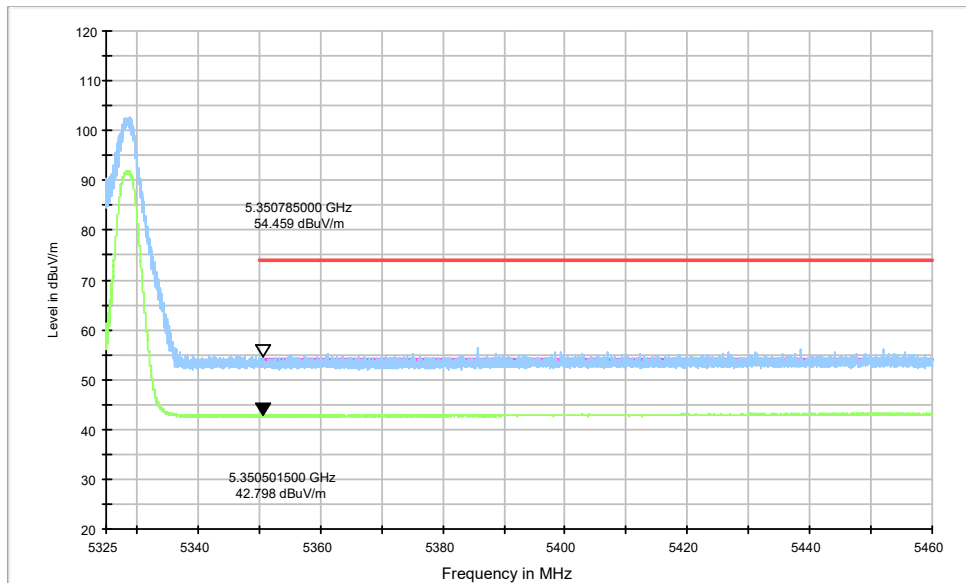


Fig. 42 Band Edges (802.11ax-HE20 RU26 Ch64, 5320MHz)

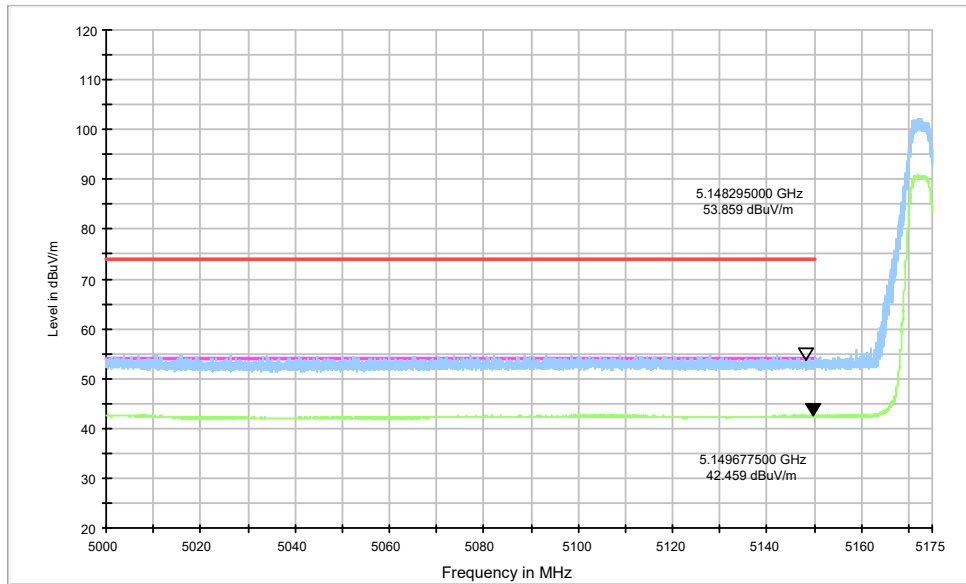


Fig. 43 Band Edges (802.11ax-HE20 RU52 Ch36, 5180MHz)

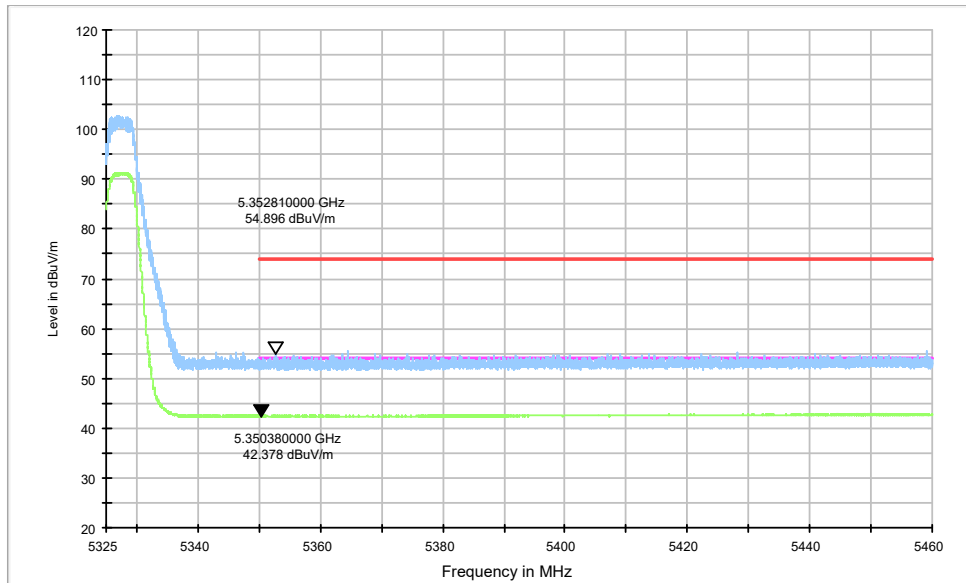


Fig. 44 Band Edges (802.11ax-HE20 RU52 Ch64, 5320MHz)

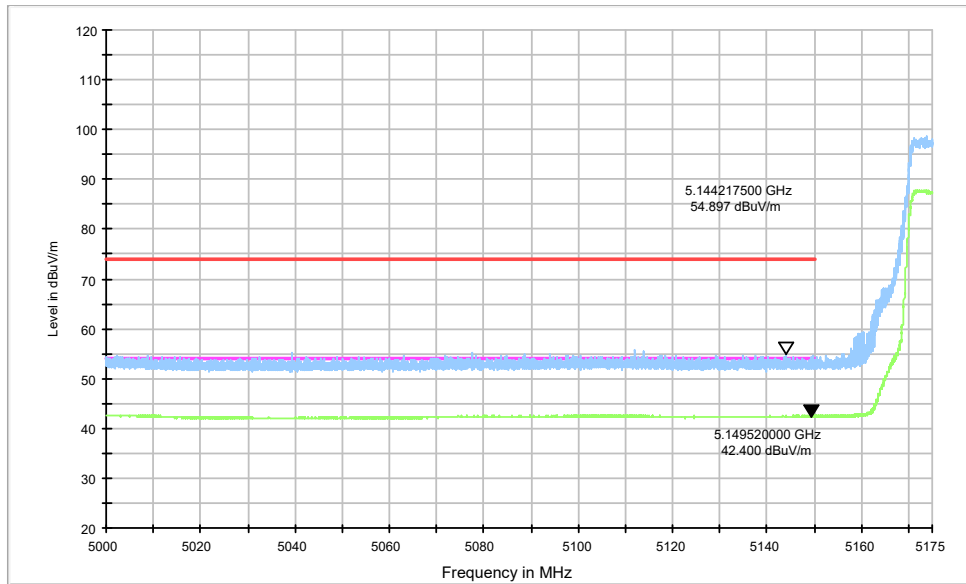


Fig. 45 Band Edges (802.11ax-HE20 RU106 Ch36, 5180MHz)

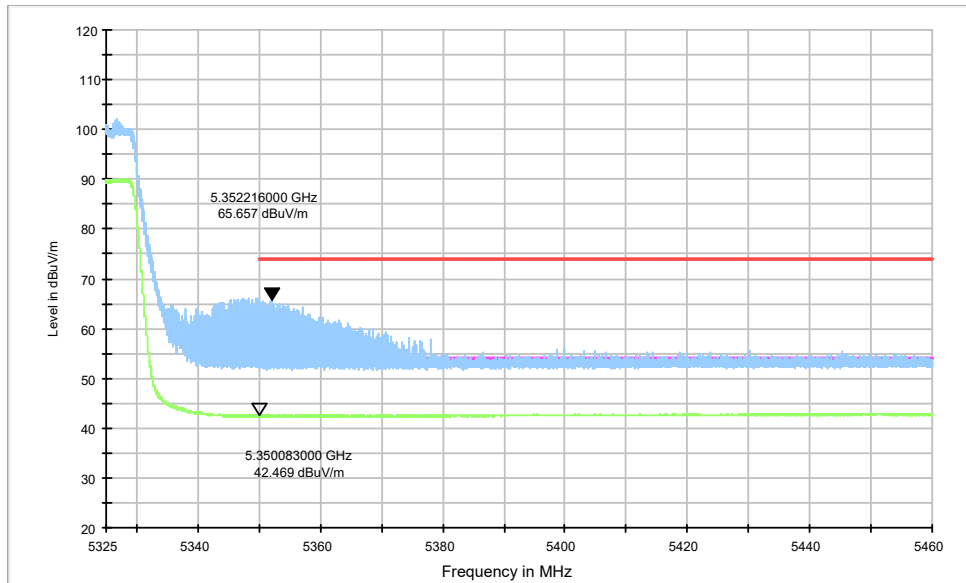


Fig. 46 Band Edges (802.11ax-HE20 RU106 Ch64, 5320MHz)

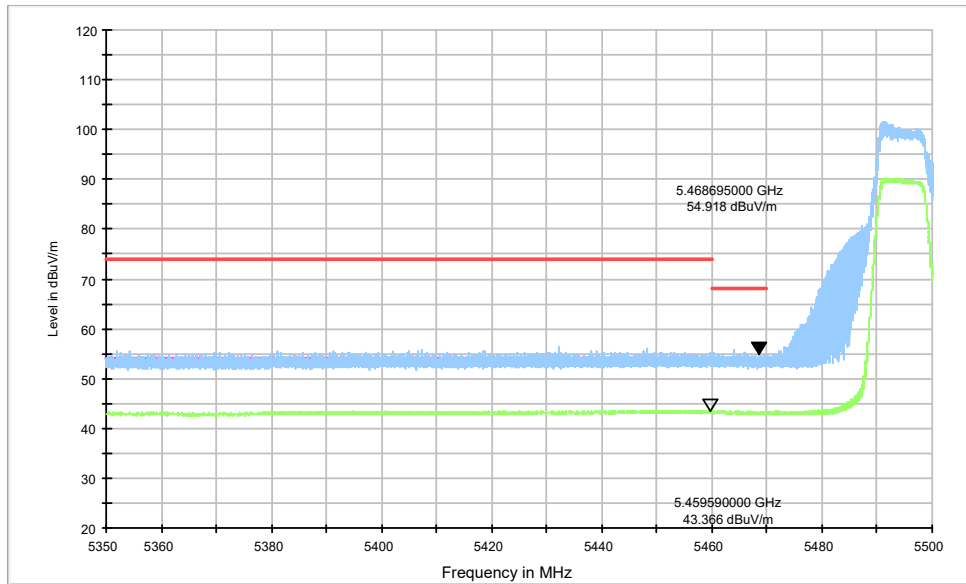


Fig. 47 Band Edges (802.11ax-HE20 RU106 Ch100, 5500MHz)

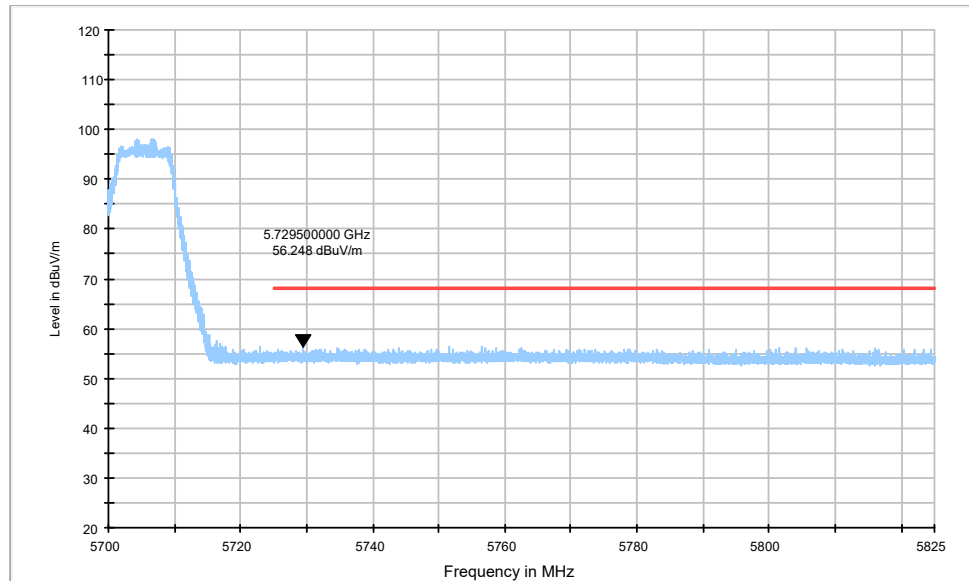


Fig. 48 Band Edges (802.11ax-HE20 RU106 Ch140, 5700MHz)

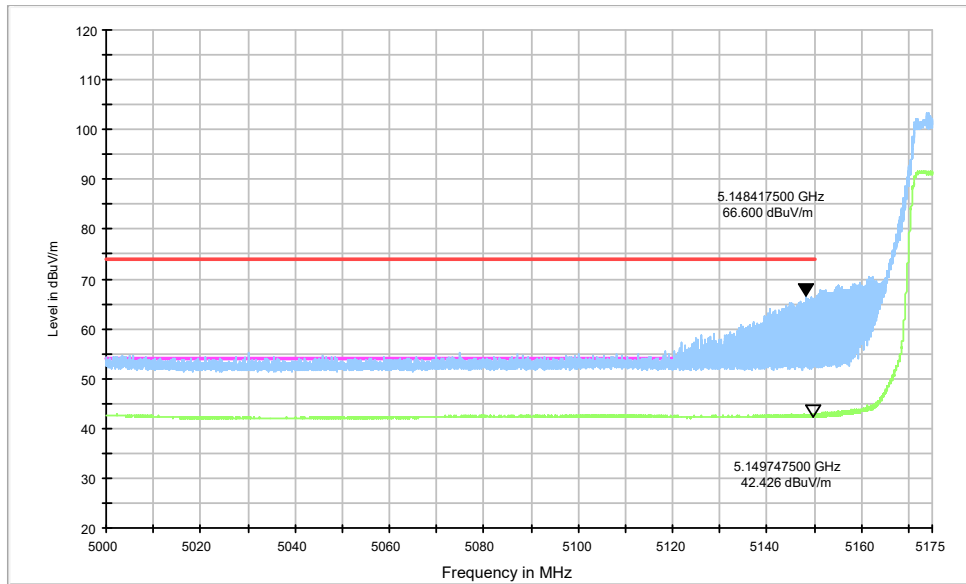


Fig. 49 Band Edges (802.11ax-HE40 RU106 Ch38, 5190MHz)

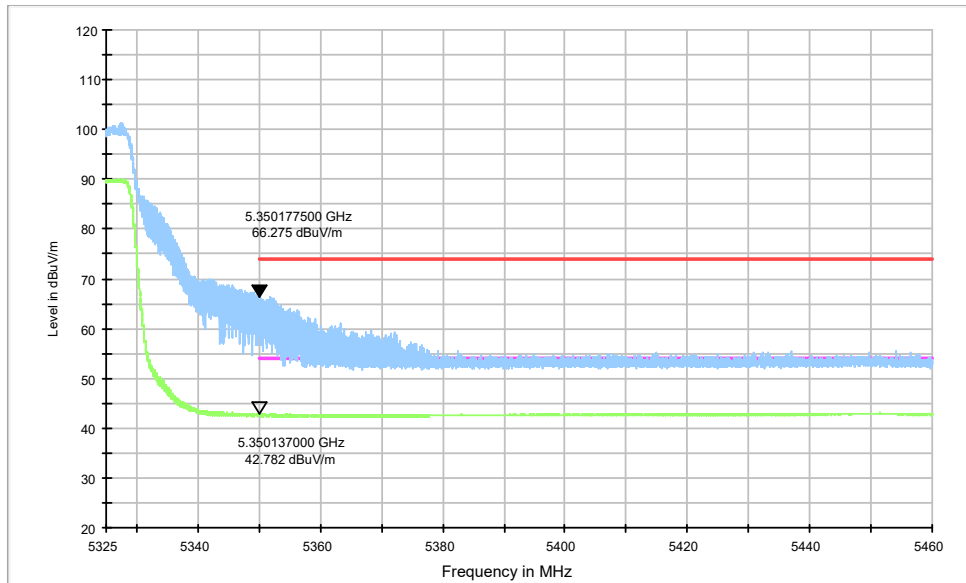


Fig. 50 Band Edges (802.11ax-HE40 RU106 Ch62, 5310MHz)

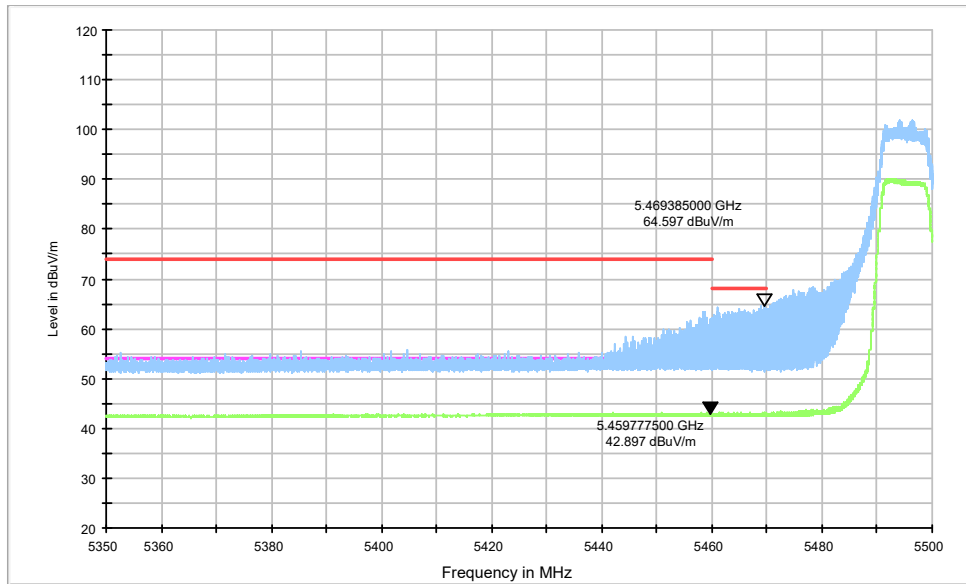


Fig. 51 Band Edges (802.11ax-HE40 RU106 Ch102, 5510MHz)

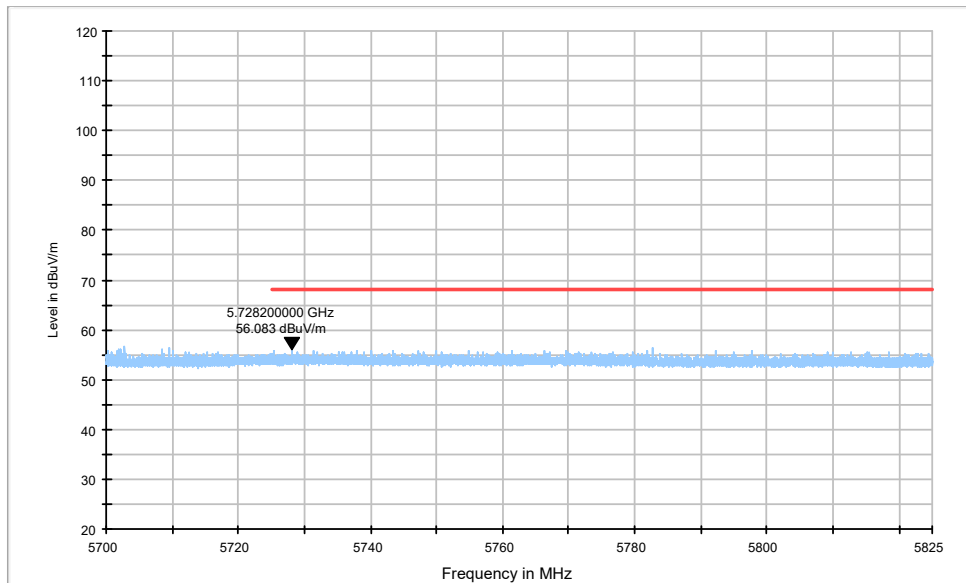


Fig. 52 Band Edges (802.11ax-HE40 RU106 Ch134, 5670MHz)

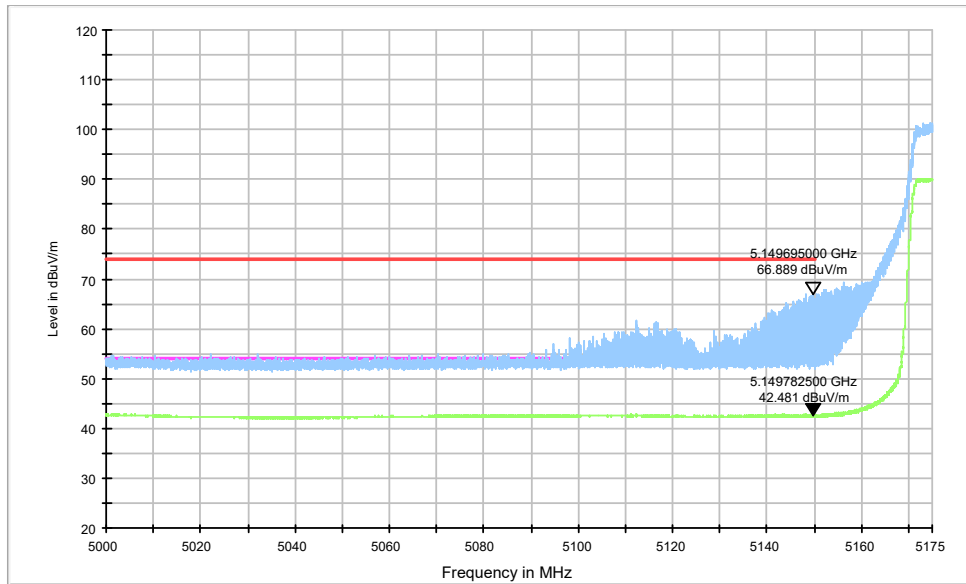


Fig. 53 Band Edges (802.11ax-HE80 RU106 Ch42, 5210MHz)

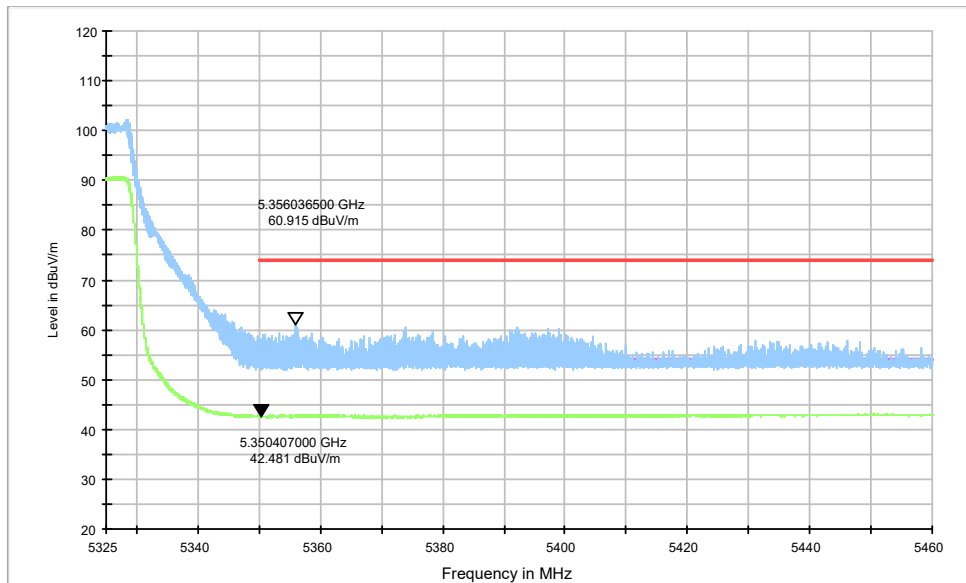


Fig. 54 Band Edges (802.11ax-HE80 RU106 Ch58, 5290MHz)

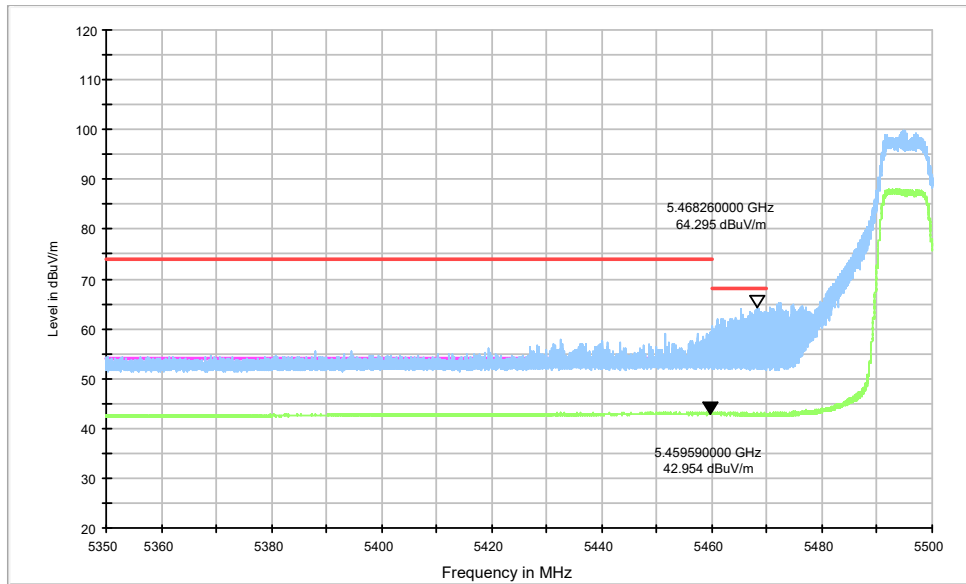


Fig. 55 Band Edges (802.11ax-HE80 RU106 Ch106, 5530MHz)

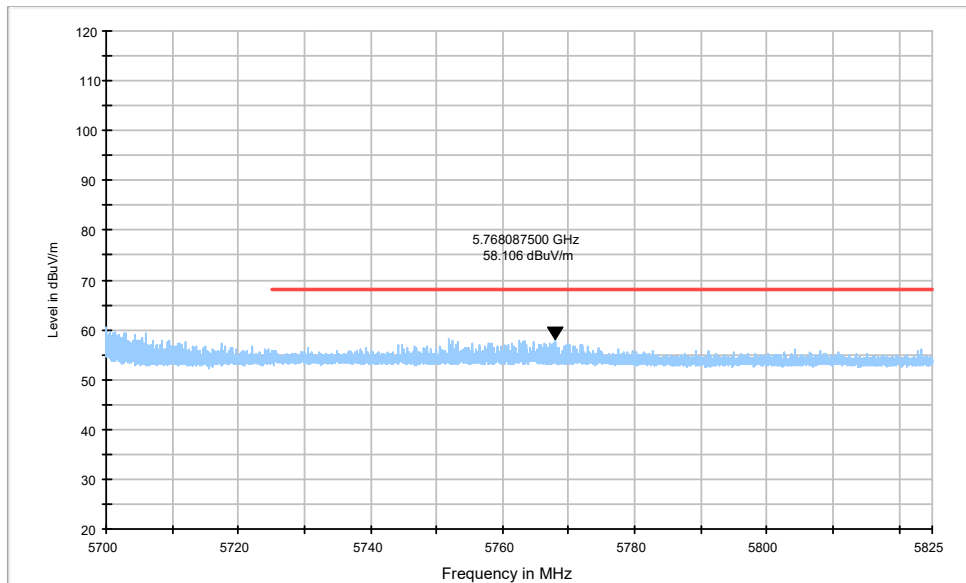


Fig. 56 Band Edges (802.11ax-HE80 RU106 Ch122, 5610MHz)

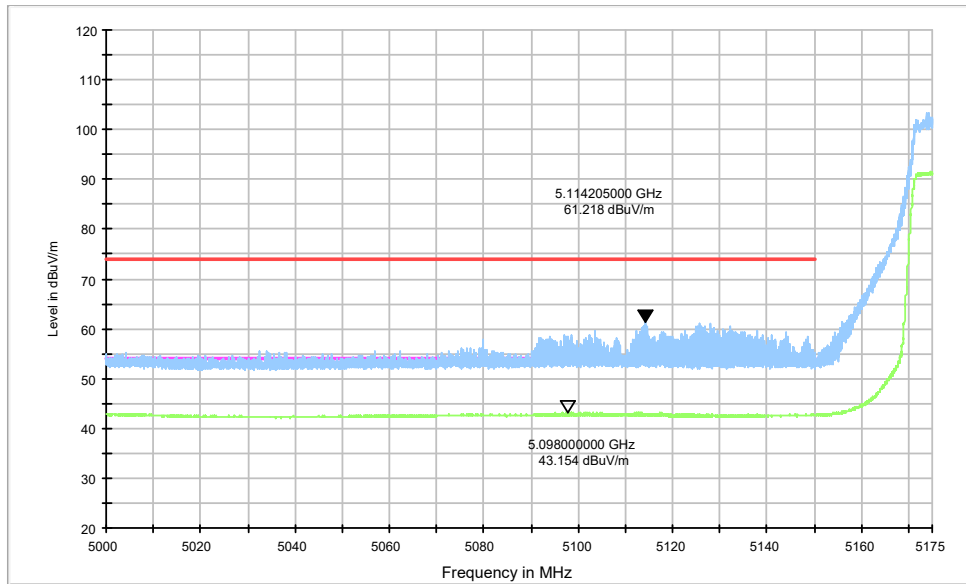


Fig. 57 Band Edges (802.11ax-HE160 RU106 Ch50, 5250MHz)

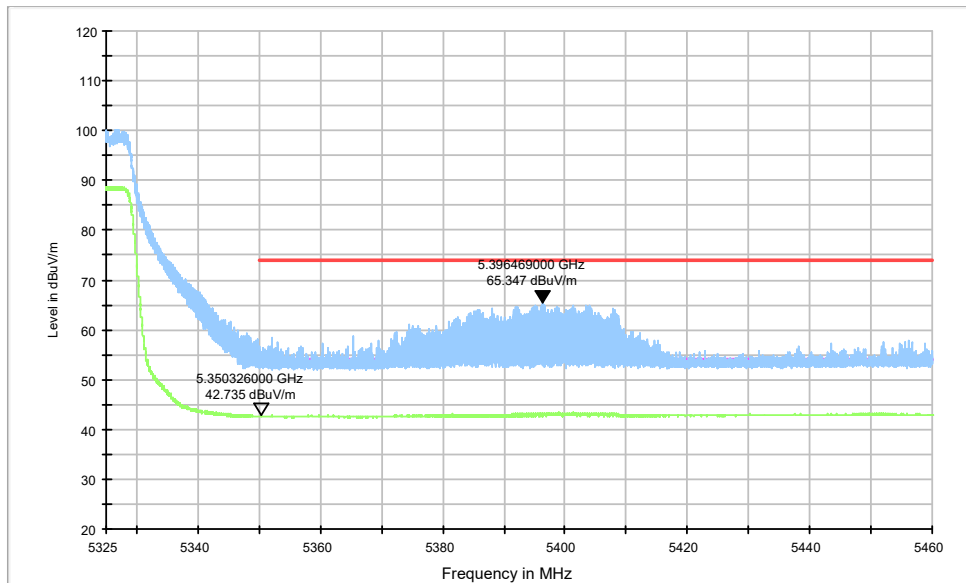


Fig. 58 Band Edges (802.11ax-HE160 RU106 Ch50, 5250MHz)

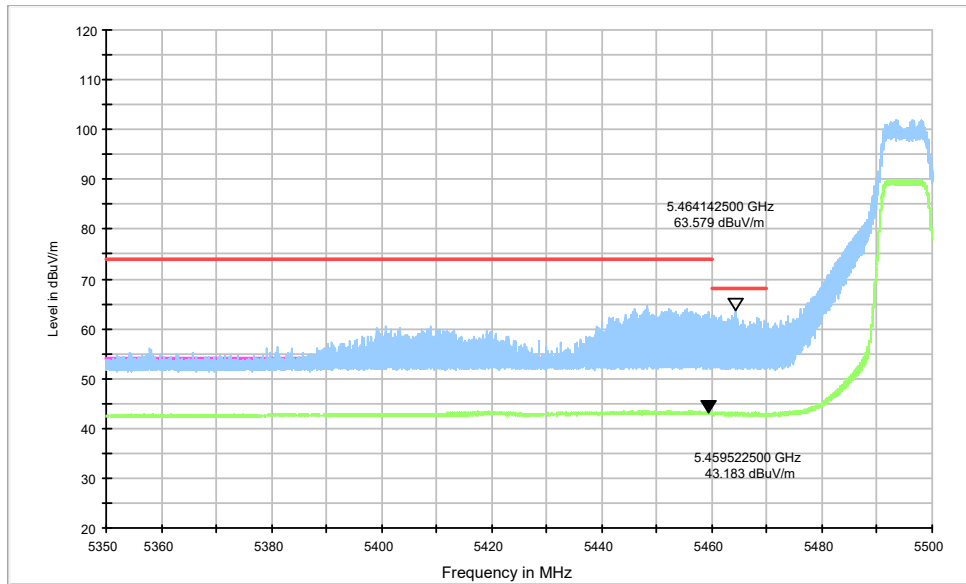


Fig. 59 Band Edges (802.11ax-HE160 RU106 Ch114, 5570MHz)

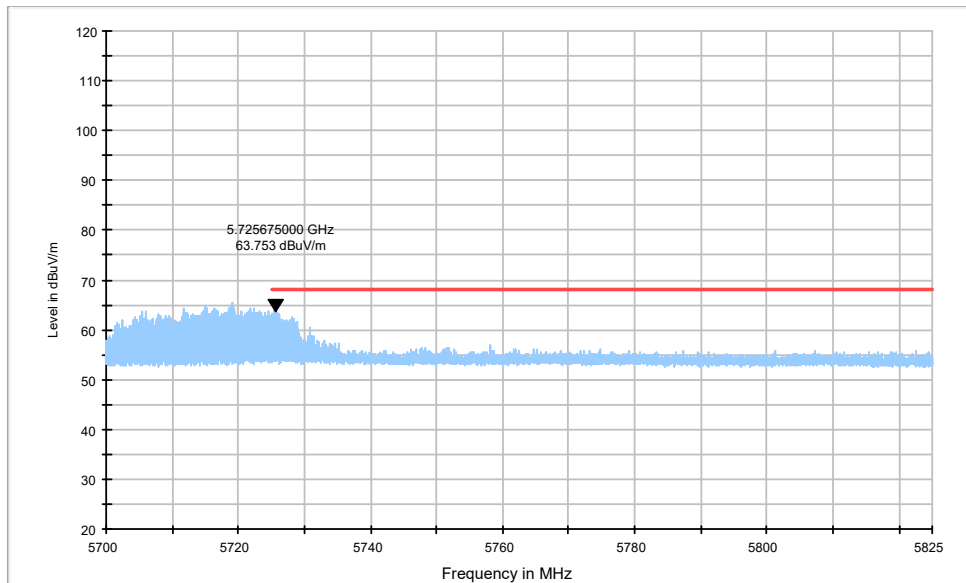


Fig. 60 Band Edges (802.11ax-HE160 RU106 Ch114, 5570MHz)

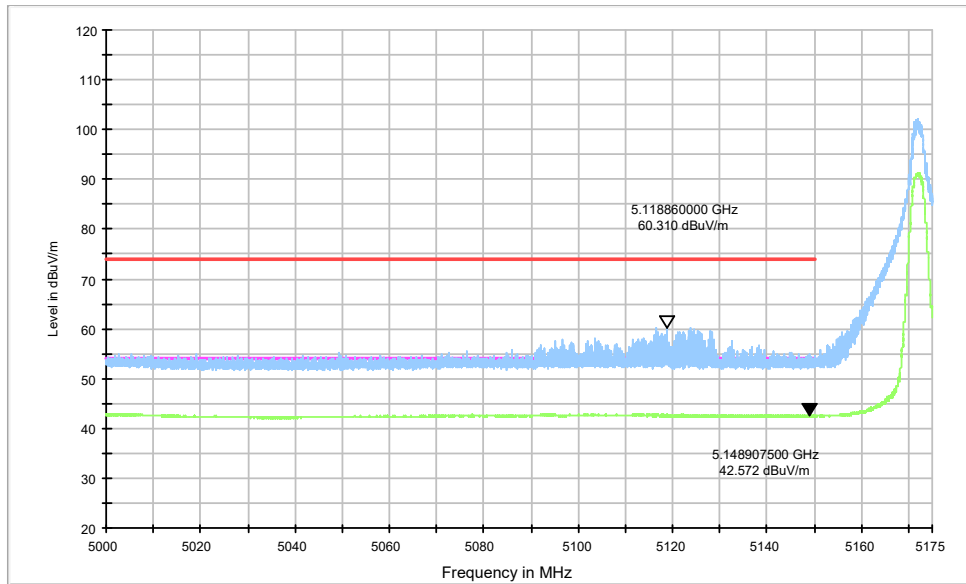


Fig. 61 Band Edges (802.11ax-HE160 RU26 Ch50, 5250MHz)

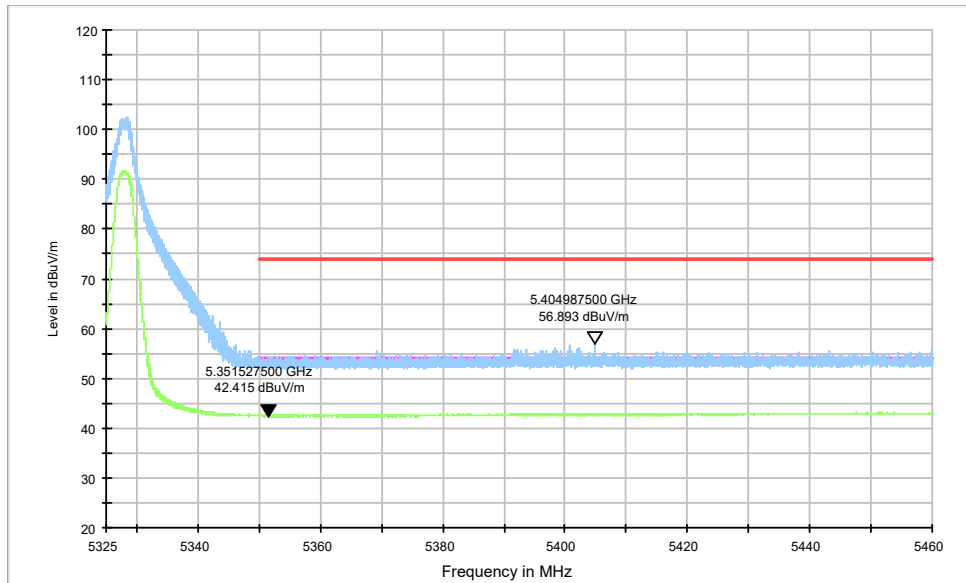


Fig. 62 Band Edges (802.11ax-HE160 RU26 Ch50, 5250MHz)

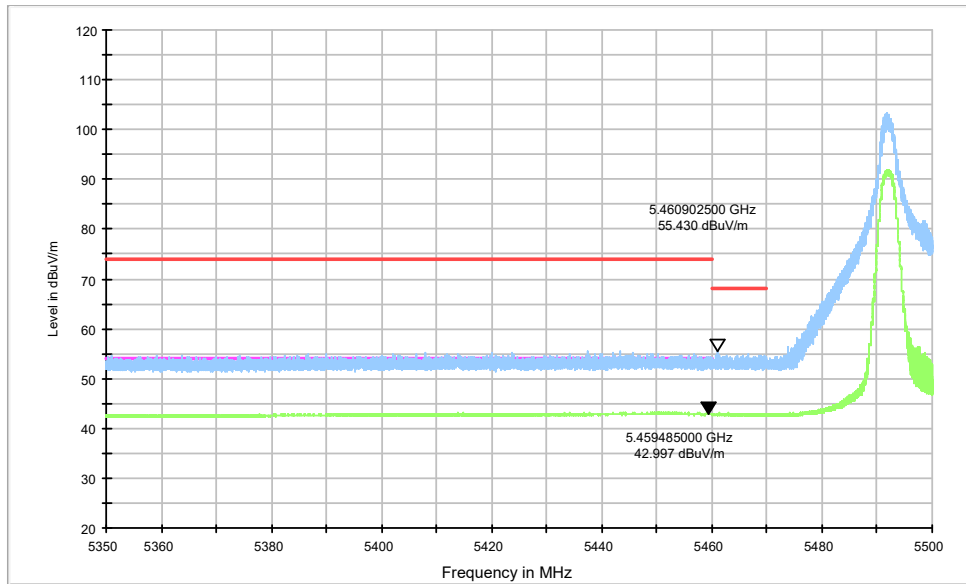


Fig. 63 Band Edges (802.11ax-HE160 RU26 Ch114, 5570MHz)

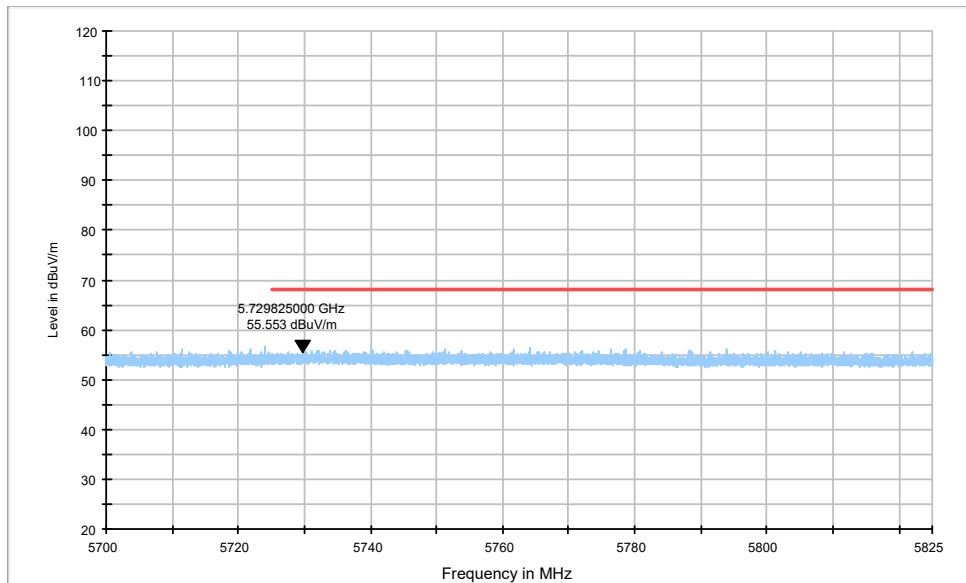


Fig. 64 Band Edges (802.11ax-HE160 RU26 Ch114, 5570MHz)

A.6. Transmitter Spurious Emission

Measurement Limit:

Unwanted Emissions in the unrestricted bands shall not exceed the limits that shown in 15.407:

Standard	Limit
FCC 47 CFR Part 15.407	(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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(μ V/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

Frequency of emission (MHz)	Field strength (μ V/m)	Field strength (dBuV/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 (as defined in KDB 789033 II.G.2.d).

Test setup

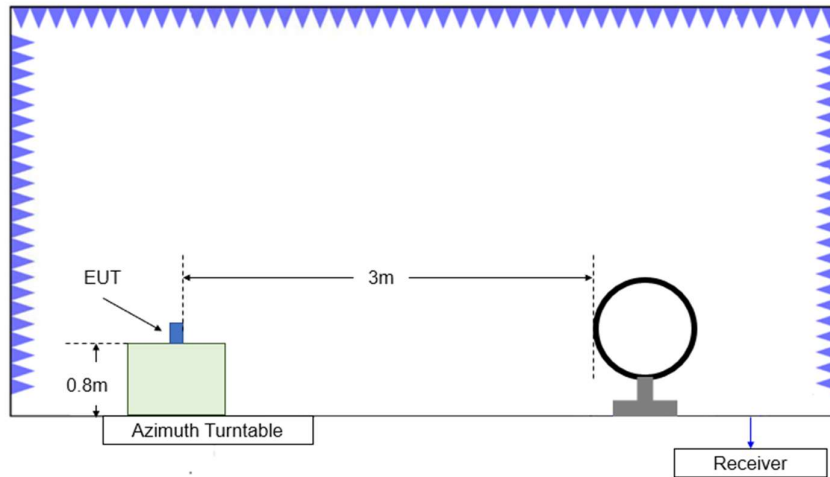


Figure A.6.1. Test Site Diagram (9kHz-30MHz)

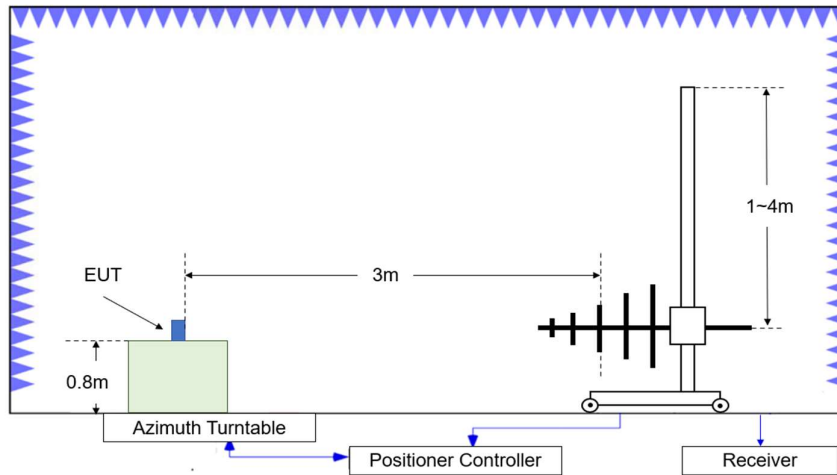


Figure A.6.2. Test Site Diagram (30MHz-1GHz)

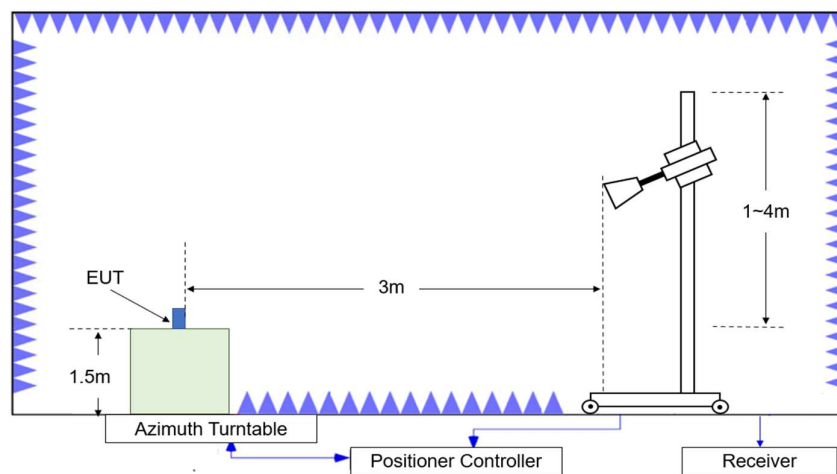


Figure A.6.3. Test Site Diagram (1GHz-40GHz)

Test Procedures

Radiated unwanted emissions from the EUT were measured according to ANSI C63.10 and KDB 789033 D02 v02r01.

Test setting

Frequency of emission (MHz)	RBW/VBW
30-1000	100kHz/300kHz
1000-4000	1MHz/3MHz
4000-18000	1MHz/3MHz
18000-26500	1MHz/3MHz
26500-40000	1MHz/3MHz

Calculation

1. The measurement results reported below is calculated by:

$$\text{Measurement Results (dB}\mu\text{V/m)} = P_{\text{measurement}} \text{ (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$$

Where: $P_{\text{measurement}}$ is the field strength recorded from the instrument

2. Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20 \log(D) + 104.77$$

Where:

E is the field strength in dB μ V/m

D is the measurement distance in meters

EIRP is the equivalent isotropically radiated power in dBm

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 40GHz
5. The measurements were performed separately in chain1, chain2, and MIMO (chain1+chain2), and only the worst cases are shown in this section.
6. 802.11ax support full RU and partial RU, both full RU and partial RU are tested and worst cases are shown in this report.

Measurement Results:

EUT ID: UT19a

Average Results:
802.11a

Channel 36

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)
5149.850	44.38	-24.82	33.90	35.30	54.00	9.62	V
5149.950	44.39	-24.82	33.90	35.31	54.00	9.61	V
11847.000	36.23	-29.17	38.80	26.60	54.00	17.77	V
15540.000	34.97	-25.73	38.50	22.20	54.00	19.03	H
17953.500	40.09	-24.18	41.81	22.46	54.00	13.91	H
17988.000	40.27	-24.28	41.88	22.68	54.00	13.73	H

Channel 40

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)
5149.500	42.73	-24.82	33.90	33.65	54.00	11.27	V
5149.800	42.74	-24.82	33.90	33.66	54.00	11.26	V
11849.500	36.25	-29.13	38.80	26.58	54.00	17.75	V
15600.000	35.18	-25.40	38.50	22.08	54.00	18.82	H
17952.500	40.13	-24.17	41.81	22.50	54.00	13.87	H
17989.500	40.31	-24.29	41.88	22.72	54.00	13.69	H

Channel 48

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)
5147.250	42.45	-24.82	33.89	33.38	54.00	11.55	V
5357.350	42.53	-25.00	34.29	33.24	54.00	11.47	V
11847.000	36.24	-29.17	38.80	26.61	54.00	17.76	H
15720.000	34.78	-25.72	38.60	21.91	54.00	19.22	V
17957.000	40.12	-24.19	41.81	22.50	54.00	13.88	H
17994.000	40.37	-24.30	41.89	22.78	54.00	13.63	H

Channel 52

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)
5131.550	42.44	-24.81	33.86	33.38	54.00	11.56	V
5143.800	42.53	-24.82	33.89	33.47	54.00	11.47	V
11844.500	36.24	-29.21	-29.21	94.66	54.00	17.76	H
15780.000	35.32	-25.53	-25.53	86.39	54.00	18.68	H
17953.500	40.15	-24.18	-24.18	88.50	54.00	13.85	H
17989.500	40.34	-24.29	-24.29	88.92	54.00	13.66	H

Channel 56

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)
5136.700	42.38	-24.82	33.87	33.33	54.00	11.62	V
5356.450	42.53	-25.00	34.29	33.24	54.00	11.47	V
11850.000	36.38	-29.12	-29.12	94.62	54.00	17.62	V
15840.000	35.90	-25.40	-25.40	86.70	54.00	18.10	H
17958.000	40.08	-24.19	-24.19	88.46	54.00	13.92	H
17988.000	40.31	-24.28	-24.28	88.87	54.00	13.69	V

Channel 64

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)
5350.025	43.09	-25.05	34.30	33.84	54.00	10.91	V
5351.950	42.91	-25.03	34.30	33.65	54.00	11.09	V
10640.000	34.05	-29.99	-29.99	94.03	54.00	19.95	H
15960.000	35.86	-25.25	-25.25	86.36	54.00	18.14	H
17955.500	40.12	-24.18	-24.18	88.49	54.00	13.88	V
17987.500	40.27	-24.28	-24.28	88.83	54.00	13.73	H

Channel 100

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)
5459.850	44.94	-24.50	34.18	35.26	54.00	9.06	V
5459.900	44.96	-24.50	34.18	35.28	54.00	9.04	V
11000.000	34.53	-30.50	38.60	26.43	54.00	19.47	V
15845.000	35.51	-25.37	38.65	22.23	54.00	18.49	H
17783.000	39.45	-23.96	41.72	21.69	54.00	14.55	V
17954.000	39.63	-24.18	41.81	22.00	54.00	14.37	V

Channel 116

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)
5448.000	43.04	-24.45	34.20	33.29	54.00	10.96	V
5454.350	43.04	-24.47	34.19	33.32	54.00	10.96	V
11160.000	34.37	-30.34	38.50	26.21	54.00	19.63	V
15852.500	35.62	-25.37	38.65	22.34	54.00	18.38	V
17950.000	39.76	-24.16	41.80	22.13	54.00	14.24	V
17985.500	39.69	-24.27	41.87	22.09	54.00	14.31	H

Channel 140

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)
5453.000	42.93	-24.46	34.19	33.19	54.00	11.07	V
5457.750	42.87	-24.49	34.18	33.18	54.00	11.13	V
11400.000	34.98	-29.02	38.80	25.21	54.00	19.02	H
15845.000	35.60	-25.37	38.65	22.32	54.00	18.40	V
17821.500	39.41	-24.01	41.70	21.72	54.00	14.59	H
17957.500	39.69	-24.19	41.82	22.06	54.00	14.31	V

802.11n-HT20

Channel 36

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)
5149.850	44.21	-24.82	33.90	35.13	54.00	9.79	V
5149.950	44.23	-24.82	33.90	35.14	54.00	9.77	V
11849.500	36.35	-29.13	38.80	26.67	54.00	17.65	V
15540.000	35.27	-25.73	38.50	22.50	54.00	18.73	H
17954.500	40.16	-24.18	41.81	22.53	54.00	13.84	H
17987.500	40.28	-24.28	41.88	22.68	54.00	13.72	V

Channel 40

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)
5148.900	42.75	-24.82	33.90	33.67	54.00	11.25	V
5149.700	42.76	-24.82	33.90	33.68	54.00	11.24	V
11847.000	36.23	-29.17	38.80	26.60	54.00	17.77	V
15600.000	35.20	-25.40	38.50	22.09	54.00	18.80	V
17953.500	40.10	-24.18	41.81	22.47	54.00	13.90	V
17992.000	40.34	-24.29	41.88	22.75	54.00	13.66	V

Channel 48

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)
5146.150	42.47	-24.82	33.89	33.39	54.00	11.53	V
5355.050	42.52	-25.01	34.29	33.24	54.00	11.48	V
11848.500	36.25	-29.14	38.80	26.59	54.00	17.75	V
15720.000	34.78	-25.72	38.60	21.90	54.00	19.22	H
17958.500	40.08	-24.19	41.82	22.45	54.00	13.92	V
17990.000	40.29	-24.29	41.88	22.70	54.00	13.71	V

Channel 52

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)
5142.750	42.46	-24.82	33.89	33.39	54.00	11.54	V
5147.450	42.47	-24.82	33.89	33.39	54.00	11.53	V
11846.500	36.24	-29.18	-29.18	94.60	54.00	17.76	H
15780.000	35.41	-25.53	-25.53	86.48	54.00	18.59	V
17952.500	40.10	-24.17	-24.17	88.44	54.00	13.90	V
17987.000	40.40	-24.28	-24.28	88.96	54.00	13.60	H

Channel 56

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)
5141.500	42.57	-24.82	33.88	33.51	54.00	11.43	V
5355.450	42.59	-25.01	34.29	33.31	54.00	11.41	V
11850.000	36.24	-29.12	-29.12	94.48	54.00	17.76	H
15840.000	35.82	-25.40	-25.40	86.61	54.00	18.18	H
17956.000	40.15	-24.18	-24.18	88.52	54.00	13.85	H
17989.000	40.28	-24.29	-24.29	88.85	54.00	13.72	H

Channel 64

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)
5357.100	43.15	-25.00	34.29	33.87	54.00	10.85	V
5359.400	42.94	-24.98	34.28	33.64	54.00	11.06	V
10640.000	33.97	-29.99	-29.99	93.95	54.00	20.03	V
15960.000	35.99	-25.25	-25.25	86.50	54.00	18.01	V
17950.000	40.10	-24.16	-24.16	88.43	54.00	13.90	V
17989.500	40.31	-24.29	-24.29	88.89	54.00	13.69	V

Channel 100

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)
5459.750	44.14	-24.50	34.18	34.46	54.00	9.86	V
5459.950	44.24	-24.50	34.18	34.56	54.00	9.76	V
11000.000	34.62	-30.50	38.60	26.51	54.00	19.38	H
15845.000	35.59	-25.37	38.65	22.32	54.00	18.41	V
17819.500	39.45	-23.99	41.70	21.74	54.00	14.55	V
17955.500	39.71	-24.18	41.81	22.08	54.00	14.29	H

Channel 116

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)
5449.150	42.99	-24.44	34.20	33.23	54.00	11.01	V
5450.300	43.02	-24.44	34.20	33.26	54.00	10.98	V
11160.000	34.53	-30.34	38.50	26.37	54.00	19.47	V
15864.000	35.81	-25.48	38.66	22.63	54.00	18.19	V
17956.500	39.95	-24.18	41.81	22.32	54.00	14.05	V
17981.500	39.83	-24.26	41.86	22.23	54.00	14.17	H

Channel 140

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)
5434.350	42.96	-24.52	34.20	33.29	54.00	11.04	V
5447.950	43.02	-24.45	34.20	33.27	54.00	10.98	V
11400.000	35.11	-29.02	38.80	25.34	54.00	18.89	V
15847.500	35.83	-25.36	38.65	22.53	54.00	18.17	H
17958.500	39.86	-24.19	41.82	22.24	54.00	14.14	V
17986.000	39.91	-24.28	41.87	22.31	54.00	14.09	V

802.11n-HT40

Channel 38

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)
5149.900	49.58	-24.82	33.90	40.50	54.00	4.42	V
5149.950	49.60	-24.82	33.90	40.52	54.00	4.40	V
11847.000	36.23	-29.17	38.80	26.60	54.00	17.77	V
15570.000	35.30	-25.61	38.50	22.42	54.00	18.70	V
17954.000	40.18	-24.18	41.81	22.55	54.00	13.82	V
17984.500	40.28	-24.27	41.87	22.68	54.00	13.72	H

Channel 46

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)
5148.150	43.41	-24.82	33.90	34.33	54.00	10.59	V
5353.400	42.67	-25.02	34.29	33.40	54.00	11.33	V
11846.000	36.24	-29.19	38.80	26.63	54.00	17.76	H
15690.000	34.90	-25.89	38.59	22.20	54.00	19.10	V
17957.000	40.13	-24.19	41.81	22.50	54.00	13.87	H
17988.000	40.36	-24.28	41.88	22.77	54.00	13.64	H

Channel 54

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)
5147.550	42.85	-24.82	33.90	33.77	54.00	11.15	V
5353.450	43.05	-25.02	34.29	33.79	54.00	10.95	V
11843.500	35.71	-29.23	-29.23	94.17	54.00	18.29	H
15810.000	34.94	-25.55	-25.55	86.05	54.00	19.06	V
17774.000	39.41	-24.01	-24.01	87.43	54.00	14.59	H
17960.500	39.67	-24.20	-24.20	88.07	54.00	14.33	H

Channel 62

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)
5350.050	49.49	-25.05	34.30	40.24	54.00	4.51	V
5350.250	49.45	-25.05	34.30	40.20	54.00	4.55	V
11848.000	35.77	-29.15	-29.15	94.07	54.00	18.23	H
15930.000	35.21	-25.49	-25.49	86.19	54.00	18.79	H
17718.500	39.32	-24.01	-24.01	87.33	54.00	14.68	V
17951.000	39.46	-24.17	-24.17	87.79	54.00	14.54	V

Channel 102

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)
5456.800	46.34	-24.48	34.19	36.63	54.00	7.66	V
5458.500	46.75	-24.49	34.18	37.06	54.00	7.25	V
11020.000	34.78	-30.55	38.58	26.75	54.00	19.22	H
15865.000	35.98	-25.49	38.67	22.81	54.00	18.02	H
17959.000	39.98	-24.19	41.82	22.36	54.00	14.02	H
17987.500	40.08	-24.28	41.88	22.49	54.00	13.92	H

Channel 118

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)
5455.500	43.03	-24.47	34.19	33.32	54.00	10.97	V
5458.150	43.02	-24.49	34.18	33.33	54.00	10.98	V
11180.000	34.40	-30.17	38.50	26.07	54.00	19.60	V
15936.500	36.02	-25.41	38.77	22.65	54.00	17.98	V
17955.500	39.97	-24.18	41.81	22.34	54.00	14.03	V
17995.500	40.03	-24.31	41.89	22.45	54.00	13.97	V

Channel 134

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)
5453.450	42.94	-24.46	34.19	33.21	54.00	11.06	V
5456.650	42.94	-24.48	34.19	33.24	54.00	11.06	V
11340.000	35.13	-29.88	38.74	26.27	54.00	18.87	H
15847.500	36.02	-25.36	38.65	22.73	54.00	17.98	H
17956.500	39.95	-24.18	41.81	22.32	54.00	14.05	V
17993.500	39.98	-24.30	41.89	22.40	54.00	14.02	V

802.11ac-VHT20

Channel 36

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)
5149.650	43.86	-24.82	33.90	34.78	54.00	10.14	V
5149.850	43.93	-24.82	33.90	34.85	54.00	10.07	V
11845.000	36.30	-29.20	38.80	26.71	54.00	17.70	V
15540.000	35.04	-25.73	38.50	22.27	54.00	18.96	H
17957.000	40.13	-24.19	41.81	22.50	54.00	13.87	V
17985.000	40.29	-24.27	41.87	22.70	54.00	13.71	H

Channel 40

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)
5148.500	42.75	-24.82	33.90	33.67	54.00	11.25	V
5149.000	42.75	-24.82	33.90	33.67	54.00	11.25	V
11848.000	36.27	-29.15	38.80	26.62	54.00	17.73	V
15600.000	35.19	-25.40	38.50	22.08	54.00	18.81	H
17955.500	40.07	-24.18	41.81	22.44	54.00	13.93	H
17987.500	40.36	-24.28	41.88	22.76	54.00	13.64	H

Channel 48

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)
5145.700	42.52	-24.82	33.89	33.45	54.00	11.48	V
5357.350	42.52	-25.00	34.29	33.23	54.00	11.48	V
11849.500	36.19	-29.13	38.80	26.52	54.00	17.81	V
15720.000	34.91	-25.72	38.60	22.03	54.00	19.09	H
17952.000	40.05	-24.17	41.80	22.41	54.00	13.95	H
17989.000	40.26	-24.29	41.88	22.67	54.00	13.74	H

Channel 52

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)
5144.500	42.49	-24.82	33.89	33.42	54.00	11.51	V
5147.900	42.51	-24.82	33.90	33.44	54.00	11.49	V
11849.000	36.00	-29.13	-29.13	94.27	54.00	18.00	V
15780.000	35.05	-25.53	-25.53	86.12	54.00	18.95	H
17957.500	39.61	-24.19	-24.19	87.99	54.00	14.39	V
17990.000	39.51	-24.29	-24.29	88.09	54.00	14.49	H

Channel 56

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)
5145.300	42.54	-24.82	33.89	33.47	54.00	11.46	V
5354.350	42.54	-25.02	34.29	33.26	54.00	11.46	V
11849.500	36.02	-29.13	-29.13	94.27	54.00	17.98	H
15840.000	35.47	-25.40	-25.40	86.26	54.00	18.53	H
17956.500	39.70	-24.18	-24.18	88.06	54.00	14.30	V
17991.500	39.49	-24.29	-24.29	88.07	54.00	14.51	H

Channel 64

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)
5350.500	43.12	-25.04	34.30	33.87	54.00	10.88	V
5354.150	42.92	-25.02	34.29	33.64	54.00	11.08	V
10640.000	33.88	-29.99	-29.99	93.86	54.00	20.12	V
15960.000	35.24	-25.25	-25.25	85.75	54.00	18.76	H
17788.000	39.54	-23.93	-23.93	87.39	54.00	14.46	H
17956.500	39.71	-24.18	-24.18	88.08	54.00	14.29	V

Channel 100

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)
5459.850	43.33	-24.50	34.18	33.66	54.00	10.67	V
5459.900	43.34	-24.50	34.18	33.67	54.00	10.66	V
11000.000	34.60	-30.50	38.60	26.49	54.00	19.40	V
15849.000	35.69	-25.35	38.65	22.39	54.00	18.31	V
17951.000	39.68	-24.17	41.80	22.05	54.00	14.32	V
17993.500	39.84	-24.30	41.89	22.25	54.00	14.16	H

Channel 116

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)
5459.350	42.90	-24.50	34.18	33.22	54.00	11.10	V
5459.700	42.91	-24.50	34.18	33.24	54.00	11.09	V
11160.000	34.41	-30.34	38.50	26.25	54.00	19.59	H
15852.500	35.91	-25.37	38.65	22.63	54.00	18.09	V
17964.000	40.02	-24.21	41.83	22.40	54.00	13.98	H
17994.500	40.12	-24.30	41.89	22.53	54.00	13.88	V

Channel 140

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)
5456.800	42.81	-24.48	34.19	33.11	54.00	11.19	V
5458.550	42.79	-24.49	34.18	33.10	54.00	11.21	V
11400.000	35.17	-29.02	38.80	25.39	54.00	18.83	H
15849.000	35.85	-25.35	38.65	22.55	54.00	18.15	V
17960.000	39.90	-24.20	41.82	22.27	54.00	14.10	V
17986.000	39.95	-24.28	41.87	22.35	54.00	14.05	H

802.11ac-VHT40
Channel 38

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)
5149.750	48.60	-24.82	33.90	39.52	54.00	5.40	V
5149.800	48.63	-24.82	33.90	39.55	54.00	5.37	V
11848.500	36.35	-29.14	38.80	26.69	54.00	17.65	V
15570.000	35.32	-25.61	38.50	22.43	54.00	18.68	V
17956.000	40.03	-24.18	41.81	22.40	54.00	13.97	H
17992.000	40.25	-24.29	41.88	22.66	54.00	13.75	H

Channel 46

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)
5148.850	43.33	-24.82	33.90	34.25	54.00	10.67	V
5149.850	43.31	-24.82	33.90	34.23	54.00	10.69	V
11848.000	36.23	-29.15	38.80	26.59	54.00	17.77	H
15690.000	34.90	-25.89	38.59	22.20	54.00	19.10	V
17954.500	40.12	-24.18	41.81	22.49	54.00	13.88	H
17992.000	40.28	-24.29	41.88	22.69	54.00	13.72	H

Channel 54

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)
5146.700	42.60	-24.82	33.89	33.52	54.00	11.40	V
5354.850	42.82	-25.01	34.29	33.54	54.00	11.18	V
11846.000	35.80	-29.19	-29.19	94.17	54.00	18.20	V
15810.000	34.84	-25.55	-25.55	85.95	54.00	19.16	H
17729.000	39.24	-24.06	-24.06	87.35	54.00	14.76	V
17955.000	39.44	-24.18	-24.18	87.80	54.00	14.56	H

Channel 62

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)
5350.050	49.40	-25.05	34.30	40.15	54.00	4.60	V
5350.100	49.37	-25.05	34.30	40.12	54.00	4.63	V
10620.000	34.05	-30.14	-30.14	94.33	54.00	19.95	H
15930.000	34.98	-25.49	-25.49	85.96	54.00	19.02	V
17782.500	39.28	-23.96	-23.96	87.20	54.00	14.72	V
17955.500	39.38	-24.18	-24.18	87.74	54.00	14.62	H

Channel 102

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)
5456.800	46.38	-24.48	34.19	36.68	54.00	7.62	V
5458.450	46.99	-24.49	34.18	37.30	54.00	7.01	V
11020.000	34.86	-30.55	38.58	26.83	54.00	19.14	V
15862.000	35.89	-25.46	38.66	22.69	54.00	18.11	H
17958.000	39.94	-24.19	41.82	22.31	54.00	14.06	H
17985.000	40.00	-24.27	41.87	22.41	54.00	14.00	V

Channel 118

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)
5448.100	43.07	-24.45	34.20	33.32	54.00	10.93	V
5454.850	43.02	-24.47	34.19	33.30	54.00	10.98	V
11180.000	34.45	-30.17	38.50	26.11	54.00	19.55	H
15846.500	35.91	-25.36	38.65	22.63	54.00	18.09	V
17952.500	39.97	-24.17	41.81	22.33	54.00	14.03	H
17986.000	40.00	-24.28	41.87	22.40	54.00	14.00	H

Channel 134

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)
5454.900	43.03	-24.47	34.19	33.31	54.00	10.97	V
5458.750	42.93	-24.50	34.18	33.24	54.00	11.07	V
11340.000	34.99	-29.88	38.74	26.13	54.00	19.01	V
15844.000	35.96	-25.38	38.64	22.69	54.00	18.04	V
17951.500	39.97	-24.17	41.80	22.34	54.00	14.03	V
17988.000	40.02	-24.28	41.88	22.43	54.00	13.98	V

802.11ac-VHT80

Channel 42

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)
5149.900	49.58	-24.82	33.90	40.50	54.00	4.42	V
5149.950	49.56	-24.82	33.90	40.48	54.00	4.44	V
11871.500	35.56	-29.46	38.80	26.22	54.00	18.44	V
15630.000	34.67	-25.64	38.53	21.77	54.00	19.33	H
17954.000	39.48	-24.18	41.81	21.85	54.00	14.52	V
17992.000	39.30	-24.29	41.88	21.71	54.00	14.70	H

Channel 58

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)
5350.150	47.82	-25.05	34.30	38.57	54.00	6.18	V
5350.350	47.82	-25.04	34.30	38.57	54.00	6.18	V
11846.000	35.68	-29.19	38.80	26.07	54.00	18.32	H
15870.000	35.25	-25.54	38.67	22.12	54.00	18.75	H
17783.500	39.26	-23.95	41.72	21.50	54.00	14.74	H
17986.000	39.48	-24.28	41.87	21.89	54.00	14.52	V

Channel 106

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)
5459.700	47.33	-24.50	34.18	37.66	54.00	6.67	V
5459.950	47.37	-24.50	34.18	37.69	54.00	6.63	V
11060.000	34.13	-30.61	38.54	26.20	54.00	19.87	H
17934.000	39.68	-24.16	41.77	22.06	54.00	14.32	H
17953.500	40.00	-24.18	41.81	22.37	54.00	14.00	H
17990.000	39.96	-24.29	41.88	22.37	54.00	14.04	H

Channel 122

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)
5459.000	43.24	-24.50	34.18	33.56	54.00	10.76	V
5459.750	43.27	-24.50	34.18	33.59	54.00	10.73	V
11220.000	34.02	-29.89	38.54	25.36	54.00	19.98	V
17790.000	39.57	-23.91	41.71	21.77	54.00	14.43	H
17953.500	40.03	-24.18	41.81	22.40	54.00	13.97	H
17990.000	40.08	-24.29	41.88	22.49	54.00	13.92	V

802.11ax-HE20

Channel 36

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)
5149.800	44.32	-24.82	33.90	35.24	54.00	9.68	V
5149.900	44.36	-24.82	33.90	35.28	54.00	9.64	V
11849.000	36.28	-29.13	38.80	26.62	54.00	17.72	H
15540.000	35.04	-25.73	38.50	22.27	54.00	18.96	H
17955.500	40.10	-24.18	41.81	22.47	54.00	13.90	H
17990.000	40.31	-24.29	41.88	22.72	54.00	13.69	H

Channel 40

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)
5148.300	42.82	-24.82	33.90	33.74	54.00	11.18	V
5149.750	42.83	-24.82	33.90	33.75	54.00	11.17	V
11847.000	36.25	-29.17	38.80	26.62	54.00	17.75	V
15600.000	35.05	-25.40	38.50	21.94	54.00	18.95	H
17952.500	40.09	-24.17	41.81	22.45	54.00	13.91	H
17988.500	40.28	-24.28	41.88	22.68	54.00	13.72	H

Channel 48

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)
5146.450	42.58	-24.82	33.89	33.51	54.00	11.42	V
5356.950	42.59	-25.00	34.29	33.30	54.00	11.41	V
11848.000	36.23	-29.15	38.80	26.58	54.00	17.77	H
15720.000	34.85	-25.72	38.60	21.97	54.00	19.15	H
17955.000	40.15	-24.18	41.81	22.52	54.00	13.85	V
17991.000	40.26	-24.29	41.88	22.67	54.00	13.74	H

Channel 52

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)
5141.050	42.44	-24.82	33.88	33.38	54.00	11.56	V
5146.600	42.43	-24.82	33.89	33.36	54.00	11.57	V
11844.500	35.77	-29.21	-29.21	94.19	54.00	18.23	V
15780.000	34.90	-25.53	-25.53	85.96	54.00	19.10	V
17784.000	39.49	-23.95	-23.95	87.40	54.00	14.51	H
17952.500	39.76	-24.17	-24.17	88.10	54.00	14.24	V

Channel 56

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)
5145.150	42.52	-24.82	33.89	33.45	54.00	11.48	V
5357.200	42.54	-25.00	34.29	33.25	54.00	11.46	V
11846.500	35.85	-29.18	-29.18	94.21	54.00	18.15	V
15840.000	35.52	-25.40	-25.40	86.31	54.00	18.48	V
17783.500	39.48	-23.95	-23.95	87.39	54.00	14.52	H
17956.500	39.62	-24.18	-24.18	87.99	54.00	14.38	V

Channel 64

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)
5350.450	42.92	-25.04	34.30	33.67	54.00	11.08	V
5352.950	42.77	-25.03	34.29	33.51	54.00	11.23	V
10640.000	33.85	-29.99	-29.99	93.83	54.00	20.15	H
15960.000	35.35	-25.25	-25.25	85.85	54.00	18.65	V
17822.000	39.30	-24.01	-24.01	87.33	54.00	14.70	H
17956.500	39.67	-24.18	-24.18	88.04	54.00	14.33	V

Channel 100

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)
5454.400	43.23	-24.47	34.19	33.50	54.00	10.77	V
5458.650	43.42	-24.49	34.18	33.73	54.00	10.58	V
11000.000	34.59	-30.50	38.60	26.49	54.00	19.41	V
15846.500	35.80	-25.36	38.65	22.51	54.00	18.20	V
17784.500	39.49	-23.95	41.72	21.73	54.00	14.51	V
17958.000	39.87	-24.19	41.82	22.24	54.00	14.13	H

Channel 116

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)
5454.750	43.06	-24.47	34.19	33.34	54.00	10.94	V
5457.740	42.98	-24.49	34.18	33.29	54.00	11.02	V
11160.000	34.44	-30.34	38.50	26.28	54.00	19.56	V
15848.000	35.82	-25.35	38.65	22.53	54.00	18.18	H
17788.000	39.58	-23.93	41.71	21.79	54.00	14.42	V
17956.500	39.82	-24.18	41.81	22.19	54.00	14.18	V

Channel 140

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)
5454.300	42.94	-24.47	34.19	33.21	54.00	11.06	V
5457.900	42.91	-24.49	34.18	33.22	54.00	11.09	V
11400.000	35.17	-29.02	38.80	25.40	54.00	18.83	V
15854.000	35.89	-25.38	38.65	22.62	54.00	18.11	H
17957.000	40.06	-24.19	41.81	22.43	54.00	13.94	V
17991.000	39.98	-24.29	41.88	22.39	54.00	14.02	H

802.11ax-HE40

Channel 38

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)
5149.900	48.20	-24.82	33.90	39.12	54.00	5.80	V
5149.950	48.23	-24.82	33.90	39.15	54.00	5.77	V
11845.000	36.13	-29.20	38.80	26.54	54.00	17.87	V
15570.000	35.28	-25.61	38.50	22.40	54.00	18.72	V
17958.500	40.07	-24.19	41.82	22.45	54.00	13.93	H
17989.500	40.26	-24.29	41.88	22.66	54.00	13.74	V

Channel 46

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)
5149.400	43.34	-24.82	33.90	34.26	54.00	10.66	V
5353.650	42.59	-25.02	34.29	33.32	54.00	11.41	V
11849.500	36.14	-29.13	38.80	26.47	54.00	17.86	V
15690.000	34.68	-25.89	38.59	21.98	54.00	19.32	H
17962.000	40.09	-24.20	41.82	22.47	54.00	13.91	V
17988.000	40.10	-24.28	41.88	22.51	54.00	13.90	H

Channel 54

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)
5145.850	42.59	-24.82	33.89	33.51	54.00	11.41	V
5352.200	42.64	-25.03	34.30	33.38	54.00	11.36	V
11852.000	35.86	-29.15	-29.15	94.16	54.00	18.14	V
15810.000	34.95	-25.55	-25.55	86.05	54.00	19.05	V
17959.500	39.61	-24.19	-24.19	88.00	54.00	14.39	V
17991.000	39.52	-24.29	-24.29	88.10	54.00	14.48	V

Channel 62

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)
5350.100	48.07	-25.05	34.30	38.81	54.00	5.93	V
5350.250	48.03	-25.05	34.30	38.78	54.00	5.97	V
10620.000	33.94	-30.14	-30.14	94.22	54.00	20.06	H
15930.000	35.21	-25.49	-25.49	86.19	54.00	18.79	V
17819.000	39.43	-23.99	-23.99	87.41	54.00	14.57	H
17956.500	39.51	-24.18	-24.18	87.87	54.00	14.49	H

Channel 102

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)
5459.700	46.26	-24.50	34.18	36.59	54.00	7.74	V
5459.850	46.27	-24.50	34.18	36.59	54.00	7.73	V
11020.000	34.73	-30.55	38.58	26.70	54.00	19.27	V
15852.500	35.95	-25.37	38.65	22.67	54.00	18.05	H
17957.500	40.01	-24.19	41.82	22.38	54.00	13.99	H
17993.500	40.09	-24.30	41.89	22.51	54.00	13.91	H

Channel 118

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)
5456.850	42.88	-24.48	34.19	33.18	54.00	11.12	V
5458.700	42.91	-24.50	34.18	33.22	54.00	11.09	V
11180.000	34.26	-30.17	38.50	25.93	54.00	19.74	V
15944.500	36.02	-25.32	38.79	22.55	54.00	17.98	H
17956.500	40.03	-24.18	41.81	22.40	54.00	13.97	H
17988.000	40.07	-24.28	41.88	22.47	54.00	13.93	V

Channel 134

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)
5451.250	42.94	-24.45	34.20	33.19	54.00	11.06	V
5457.500	42.88	-24.49	34.18	33.18	54.00	11.12	V
11340.000	35.06	-29.88	38.74	26.20	54.00	18.94	H
15847.000	36.01	-25.36	38.65	22.72	54.00	17.99	V
17959.000	40.02	-24.19	41.82	22.39	54.00	13.98	V
17985.500	40.07	-24.27	41.87	22.47	54.00	13.93	H

802.11ax-HE80

Channel 42

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)
5149.450	49.02	-24.82	33.90	39.94	54.00	4.98	V
5149.850	49.01	-24.82	33.90	39.92	54.00	4.99	V
11853.500	35.73	-29.17	38.80	26.10	54.00	18.27	V
15630.000	34.82	-25.64	38.53	21.92	54.00	19.18	V
17783.500	39.40	-23.95	41.72	21.63	54.00	14.60	H
17960.500	39.57	-24.20	41.82	21.95	54.00	14.43	H

Channel 58

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)
5350.050	47.64	-25.05	34.30	38.38	54.00	6.36	V
5350.250	47.53	-25.05	34.30	38.28	54.00	6.47	V
11845.000	35.79	-29.20	38.80	26.19	54.00	18.21	H
15370.000	35.35	-25.56	38.56	22.35	54.00	18.65	H
17791.000	39.47	-23.91	41.71	21.67	54.00	14.53	H
17957.500	39.58	-24.19	41.82	21.95	54.00	14.42	H

Channel 106

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)
5459.700	47.33	-24.50	34.18	37.66	54.00	6.67	V
5459.950	47.37	-24.50	34.18	37.69	54.00	6.63	V
11060.000	34.03	-30.61	38.54	26.10	54.00	19.97	V
15849.000	35.94	-25.35	38.65	22.64	54.00	18.06	V
17956.000	39.95	-24.18	41.81	22.32	54.00	14.05	H
17987.500	40.02	-24.28	41.88	22.43	54.00	13.98	H

Channel 122

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)
5459.550	43.07	-24.50	34.18	33.39	54.00	10.93	V
5459.850	43.11	-24.50	34.18	33.43	54.00	10.89	V
11220.000	34.09	-29.89	38.54	25.43	54.00	19.91	H
17791.000	39.58	-23.91	41.71	21.78	54.00	14.42	V
17959.000	40.02	-24.19	41.82	22.39	54.00	13.98	H
17987.000	40.09	-24.28	41.87	22.50	54.00	13.91	V

Channel 138

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)
5447.600	42.87	-24.45	34.20	33.12	54.00	11.13	V
5455.650	42.87	-24.48	34.19	33.16	54.00	11.13	V
11380.000	35.46	-29.31	38.78	25.99	54.00	18.54	V
17818.500	39.53	-23.99	41.70	21.82	54.00	14.47	H
17956.500	40.03	-24.18	41.81	22.40	54.00	13.97	V
17986.000	40.17	-24.28	41.87	22.57	54.00	13.83	H

802.11ax-HE160

Channel 50

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)
5146.000	46.50	-24.82	33.89	37.42	54.00	7.50	V
5350.600	44.07	-25.04	34.30	34.81	54.00	9.93	V
11844.500	35.79	-29.21	38.80	26.20	54.00	18.21	V
15750.000	34.70	-25.43	38.60	21.53	54.00	19.30	H
17785.000	39.52	-23.94	41.71	21.75	54.00	14.48	H
17988.000	39.77	-24.28	41.88	22.17	54.00	14.23	H

Channel 114

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)
5427.900	44.99	-24.56	34.20	35.35	54.00	9.01	V
5441.700	44.85	-24.48	34.20	35.14	54.00	9.15	V
11140.000	34.34	-30.46	38.50	26.30	54.00	19.66	H
17797.000	39.53	-23.87	41.70	21.70	54.00	14.47	H
17957.000	40.01	-24.19	41.81	22.38	54.00	13.99	H
17988.500	40.07	-24.28	41.88	22.48	54.00	13.93	H

802.11ax-HE20 RU106

Channel 36

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)
5143.450	42.38	-24.82	33.89	33.31	54.00	11.62	V
5147.250	42.47	-24.82	33.89	33.40	54.00	11.53	V
12199.500	34.85	-29.39	38.80	25.44	54.00	19.15	V
15540.000	36.75	-26.71	40.44	23.03	54.00	17.25	V
17744.000	38.84	-23.65	40.56	21.93	54.00	15.17	H
17858.500	38.76	-23.54	40.50	21.80	54.00	15.24	H

Channel 40

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)
5141.130	42.32	-24.82	33.88	33.26	54.00	11.68	V
5145.000	42.33	-24.82	33.89	33.26	54.00	11.67	V
11797.000	34.17	-30.26	38.69	25.74	54.00	19.83	V
15600.000	35.58	-26.69	40.50	21.77	54.00	18.42	H
17751.000	37.90	-23.65	40.55	21.00	54.00	16.10	H
17873.000	37.87	-23.51	40.50	20.88	54.00	16.13	V

Channel 48

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)
5355.100	42.53	-25.01	34.29	33.25	54.00	11.47	V
5362.350	42.45	-24.96	34.28	33.14	54.00	11.55	V
11846.500	34.69	-29.97	38.70	25.96	54.00	19.31	H
15720.000	36.29	-26.64	40.74	22.18	54.00	17.71	V
17750.500	38.72	-23.65	40.55	21.82	54.00	15.28	V
17854.500	38.61	-23.54	40.50	21.66	54.00	15.39	H

Channel 52

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)
5145.950	42.38	-24.82	33.89	33.30	54.00	11.62	V
5148.600	42.38	-24.82	33.90	33.30	54.00	11.62	V
12448.400	34.63	-29.22	38.60	25.25	54.00	19.37	H
15780.250	37.25	-26.60	40.86	22.99	54.00	16.76	V
17765.250	38.45	-23.64	40.53	21.56	54.00	15.55	V
17865.230	38.50	-23.52	40.50	21.52	54.00	15.50	H

Channel 56

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)
5352.050	42.64	-25.03	34.30	33.38	54.00	11.36	V
5359.100	42.62	-24.98	34.28	33.32	54.00	11.39	V
12214.560	34.82	-29.41	38.77	25.46	54.00	19.18	H
15840.250	37.16	-26.50	40.94	22.73	54.00	16.84	H
17864.000	38.20	-23.53	40.50	21.22	54.00	15.80	H
17761.250	38.34	-23.64	40.54	21.45	54.00	15.66	V

Channel 64

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)
5350.250	42.34	-25.05	34.30	33.09	54.00	11.66	V
5351.300	42.41	-25.04	34.30	33.15	54.00	11.59	V
12442.350	34.75	-29.24	38.60	25.38	54.00	19.25	V
15960.750	37.32	-26.22	40.94	22.60	54.00	16.68	V
17935.280	38.40	-23.39	40.54	21.25	54.00	15.61	V
17848.750	38.62	-23.56	40.50	21.68	54.00	15.38	H

Channel 100

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)
5448.600	43.03	-24.45	34.20	33.28	54.00	10.97	V
5458.850	42.99	-24.50	34.18	33.30	54.00	11.02	V
11000.000	32.88	-31.33	37.60	26.61	54.00	21.12	H
16162.000	37.27	-25.83	40.84	22.26	54.00	16.73	V
17857.600	38.92	-23.54	40.50	21.96	54.00	15.08	V
17938.000	38.76	-23.39	40.54	21.61	54.00	15.24	V

Channel 116

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)
5450.700	42.81	-24.44	34.20	33.06	54.00	11.19	V
5456.300	42.72	-24.48	34.19	33.01	54.00	11.28	V
11160.000	33.07	-31.00	37.66	26.41	54.00	20.93	V
16147.600	37.45	-25.90	40.85	22.50	54.00	16.55	V
17754.400	39.00	-23.65	40.55	22.10	54.00	15.00	H
17869.600	38.85	-23.52	40.50	21.87	54.00	15.15	V

Channel 140

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)
5457.550	42.80	-24.49	34.18	33.10	54.00	11.21	V
5458.800	42.78	-24.50	34.18	33.10	54.00	11.22	V
11400.000	33.07	-31.02	37.70	26.38	54.00	20.93	V
16155.200	37.32	-25.86	40.84	22.34	54.00	16.68	V
17755.200	38.89	-23.65	40.54	21.99	54.00	15.11	H
17866.800	38.90	-23.52	40.50	21.92	54.00	15.10	H

Channel 144

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)
5458.150	42.60	-24.49	34.18	32.91	54.00	11.40	V
5459.400	42.62	-24.50	34.18	32.94	54.00	11.38	V
11440.000	32.59	-30.89	37.82	25.65	54.00	21.42	V
16191.600	37.29	-25.67	40.81	22.15	54.00	16.71	H
17754.400	38.88	-23.65	40.55	21.98	54.00	15.12	V
17862.800	38.75	-23.53	40.50	21.78	54.00	15.25	V

802.11ax-HE40 RU106

Channel 38

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)
5149.850	42.27	-24.82	33.90	33.19	54.00	11.73	V
5149.900	42.31	-24.82	33.90	33.22	54.00	11.70	V
12447.580	34.85	-29.22	38.60	25.47	54.00	19.15	H
16246.250	37.44	-25.38	40.85	21.97	54.00	16.56	V
17865.480	38.36	-23.52	40.50	21.38	54.00	15.64	H
17960.150	38.38	-23.34	40.56	21.16	54.00	15.62	V

Channel 46

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)
5352.400	42.54	-25.03	34.30	33.27	54.00	11.46	V
5365.250	42.52	-24.94	34.27	33.20	54.00	11.48	V
12413.600	34.77	-29.36	38.60	25.53	54.00	19.23	H
15690.250	36.93	-26.65	40.68	22.90	54.00	17.07	H
17952.850	38.48	-23.36	40.55	21.29	54.00	15.52	V
17843.200	38.44	-23.57	40.50	21.50	54.00	15.57	V

Channel 54

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)
5143.800	42.36	-24.82	33.89	33.29	54.00	11.64	V
5147.750	42.38	-24.82	33.90	33.31	54.00	11.62	V
12447.650	34.96	-29.22	38.60	25.58	54.00	19.04	H
15866.250	36.63	-26.44	40.97	22.10	54.00	17.38	H
17750.850	38.65	-23.65	40.55	21.75	54.00	15.35	H
17928.860	38.48	-23.40	40.53	21.36	54.00	15.52	V

Channel 62

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)
5350.150	42.46	-25.05	34.30	33.20	54.00	11.55	V
5350.350	42.41	-25.04	34.30	33.16	54.00	11.59	V
12228.450	34.88	-29.46	38.74	25.59	54.00	19.12	H
15930.280	37.17	-26.29	40.97	22.50	54.00	16.83	H
14970.800	38.39	-27.48	39.67	26.20	54.00	15.61	H
17966.580	37.95	-23.33	40.57	20.71	54.00	16.06	H

Channel 102

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)
5457.950	42.59	-24.49	34.18	32.90	54.00	11.41	V
5459.550	42.63	-24.50	34.18	32.95	54.00	11.37	V
11020.000	32.80	-31.26	37.60	26.46	54.00	21.20	H
16157.600	37.34	-25.85	40.84	22.34	54.00	16.66	V
17745.200	39.02	-23.65	40.55	22.11	54.00	14.98	H
17859.600	38.95	-23.54	40.50	21.98	54.00	15.05	H

Channel 118

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)
5448.800	42.87	-24.45	34.20	33.11	54.00	11.13	V
5452.650	42.85	-24.46	34.19	33.12	54.00	11.15	V
11180.000	33.26	-30.84	37.68	26.42	54.00	20.74	V
16148.800	37.28	-25.90	40.85	22.33	54.00	16.72	H
17861.600	38.91	-23.53	40.50	21.95	54.00	15.09	V
17748.000	39.09	-23.65	40.55	22.18	54.00	14.91	H

Channel 134

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)
5458.300	42.51	-24.49	34.18	32.82	54.00	11.49	V
5459.400	42.55	-24.50	34.18	32.87	54.00	11.45	V
11340.000	33.53	-30.73	37.64	26.62	54.00	20.47	H
16159.200	37.34	-25.84	40.84	22.33	54.00	16.67	H
17750.000	39.03	-23.65	40.55	22.13	54.00	14.97	V
17852.000	38.82	-23.55	40.50	21.87	54.00	15.18	V

802.11ax-HE80 RU106

Channel 42

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)
5149.350	42.42	-24.82	33.90	33.34	54.00	11.58	V
5149.850	42.45	-24.82	33.90	33.36	54.00	11.55	V
12242.500	34.85	-29.50	38.71	25.63	54.00	19.15	H
15630.550	37.41	-26.68	40.56	23.53	54.00	16.59	H
17886.450	38.50	-23.48	40.50	21.49	54.00	15.50	H
17747.350	38.84	-23.65	40.55	21.94	54.00	15.16	V

Channel 58

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)
5350.250	42.48	-25.05	34.30	33.23	54.00	11.52	V
5350.750	42.48	-25.04	34.30	33.23	54.00	11.52	V
10580.000	32.97	-31.59	37.42	27.14	54.00	21.03	H
15870.000	36.97	-26.43	40.97	22.43	54.00	17.03	H
17746.800	38.98	-23.65	40.55	22.08	54.00	15.02	V
17860.800	38.80	-23.53	40.50	21.83	54.00	15.21	V

Channel 106

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)
5459.350	42.76	-24.50	34.18	33.08	54.00	11.24	V
5459.750	42.81	-24.50	34.18	33.13	54.00	11.19	V
11060.000	33.12	-31.16	37.60	26.67	54.00	20.88	H
16142.000	37.49	-25.93	40.86	22.56	54.00	16.52	H
17868.000	38.77	-23.52	40.50	21.79	54.00	15.23	V
17930.800	38.83	-23.40	40.53	21.70	54.00	15.17	H

Channel 122

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)
5458.800	42.72	-24.50	34.18	33.03	54.00	11.28	V
5459.500	42.70	-24.50	34.18	33.02	54.00	11.30	V
11220.000	33.43	-30.51	37.68	26.26	54.00	20.57	V
16152.800	37.49	-25.87	40.85	22.52	54.00	16.51	H
17869.200	38.95	-23.52	40.50	21.97	54.00	15.05	V
17930.800	38.80	-23.40	40.53	21.67	54.00	15.20	V

Channel 138

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)
5451.300	42.66	-24.45	34.20	32.91	54.00	11.34	V
5458.650	42.59	-24.49	34.18	32.90	54.00	11.41	V
11380.000	33.30	-31.07	37.68	26.69	54.00	20.70	V
16144.800	37.50	-25.92	40.86	22.56	54.00	16.50	H
17864.000	38.93	-23.53	40.50	21.96	54.00	15.07	H
17936.000	38.84	-23.39	40.54	21.69	54.00	15.16	V

802.11ax-HE160 RU106

Channel 50

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)
5149.600	42.57	-24.82	33.90	33.48	54.00	11.43	V
4351.350	42.36	-24.46	33.41	33.41	54.00	11.65	V
10929.600	32.96	-31.52	37.60	26.88	54.00	21.04	V
15750.000	36.60	-26.62	40.80	22.42	54.00	17.40	H
17750.800	38.98	-23.65	40.55	22.08	54.00	15.02	V
17867.600	38.80	-23.52	40.50	21.82	54.00	15.20	V

Channel 114

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)
5457.700	42.77	-24.49	34.18	33.07	54.00	11.24	V
5459.800	42.70	-24.50	34.18	33.02	54.00	11.30	V
11140.000	33.06	-31.05	37.64	26.46	54.00	20.94	V
16104.400	37.37	-26.05	40.90	22.53	54.00	16.63	V
17862.000	38.87	-23.53	40.50	21.90	54.00	15.13	H
17765.200	38.93	-23.64	40.53	22.04	54.00	15.07	V

PEAK Results:
802.11a

Channel 36

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)
5142.030	56.48	-24.82	33.88	47.42	74.00	17.52	H
5149.555	56.73	-24.82	33.90	47.65	74.00	17.27	H
10360.000	44.35	-29.98	38.56	35.77	68.30	23.95	V
15540.000	45.59	-25.73	38.50	32.82	74.00	28.41	H
17497.500	52.69	-24.08	42.00	34.77	68.30	15.61	V
17582.000	53.01	-24.06	41.92	35.15	68.30	15.29	H

Channel 40

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)
5154.400	55.05	-24.82	33.91	45.96	68.30	13.25	V
5261.800	55.20	-25.09	34.18	46.12	68.30	13.10	H
10400.000	44.79	-30.22	38.60	36.41	68.30	23.51	V
15600.000	45.28	-25.40	38.50	32.17	74.00	28.72	H
17077.000	52.41	-24.27	41.33	35.35	68.30	15.89	V
17545.500	52.85	-24.19	41.95	35.09	68.30	15.45	H

Channel 48

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)
5178.400	54.44	-24.81	33.96	45.30	74.00	19.56	H
5283.800	53.78	-25.27	34.13	44.93	74.00	20.22	H
10480.000	44.72	-29.89	38.68	35.93	68.30	23.58	V
15720.000	43.61	-25.72	38.60	30.73	74.00	30.39	H
17291.500	53.41	-24.29	41.68	36.01	68.30	14.89	H
17550.000	52.52	-24.21	41.95	34.78	68.30	15.78	V

Channel 52

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)
5139.400	55.02	-24.82	33.88	45.96	74.00	18.98	V
5147.400	55.23	-24.82	33.89	46.15	74.00	18.77	H
10520.000	44.52	-29.96	-29.96	104.43	68.30	23.78	H
15780.000	43.97	-25.53	-25.53	95.04	74.00	30.03	V
17417.500	52.66	-24.38	-24.38	101.41	68.30	15.64	H
17501.500	52.86	-24.07	-24.07	101.00	68.30	15.44	H

Channel 56

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)
5245.000	54.57	-24.95	34.18	45.33	68.30	13.73	V
5323.200	54.62	-25.18	34.19	45.61	68.30	13.68	H
10560.000	45.33	-30.30	-30.30	105.94	68.30	22.97	H
15840.000	46.95	-25.40	-25.40	97.74	74.00	27.05	H
17562.500	53.07	-24.15	-24.15	101.37	68.30	15.23	V
17573.500	52.97	-24.10	-24.10	101.17	68.30	15.33	V

Channel 64

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)
5352.310	55.67	-25.03	34.30	46.41	74.00	18.33	V
5356.077	55.89	-25.01	34.29	46.61	74.00	18.11	V
10640.000	45.15	-29.99	-29.99	105.13	74.00	28.85	H
15960.000	45.12	-25.25	-25.25	95.62	74.00	28.88	V
17590.000	54.02	-24.03	-24.03	102.08	68.30	14.27	H
17618.500	52.84	-23.93	-23.93	100.70	68.30	15.46	H

Channel 100

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)
5466.273	64.09	-24.54	34.17	54.46	74.00	9.91	V
5466.355	63.99	-24.54	34.17	54.37	74.00	10.01	V
11000.000	45.88	-30.50	38.60	37.77	74.00	28.12	V
16500.000	48.04	-24.78	40.10	32.73	68.30	20.26	V
17108.000	52.32	-24.09	41.41	35.00	68.30	15.98	V
17570.500	52.81	-24.12	41.93	35.00	68.30	15.49	V

Channel 116

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)
5520.800	54.90	-24.60	34.10	45.40	68.30	13.40	V
5672.000	55.97	-24.34	34.20	46.11	68.30	12.33	H
11160.000	45.32	-30.34	38.50	37.16	74.00	28.68	H
16740.000	47.77	-24.58	40.52	31.83	68.30	20.53	H
16913.000	51.16	-24.45	40.93	34.69	68.30	17.14	H
17304.000	52.91	-24.27	41.71	35.47	68.30	15.39	H

Channel 140

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)
5725.325	56.65	-23.96	34.35	46.26	68.30	11.65	V
5728.488	56.86	-23.94	34.37	46.43	68.30	11.44	H
11400.000	46.15	-29.02	38.80	36.38	74.00	27.85	H
17100.000	48.84	-24.09	41.40	31.53	68.30	19.46	V
17187.000	52.30	-24.29	41.49	35.10	68.30	16.00	V
17386.000	52.66	-24.39	41.96	35.08	68.30	15.64	V

802.11n-HT20

Channel 36

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)
5142.852	56.41	-24.82	33.89	47.34	74.00	17.59	V
5149.660	56.47	-24.82	33.90	47.39	74.00	17.53	V
10360.000	45.22	-29.98	38.56	36.63	68.30	23.08	V
15540.000	45.84	-25.73	38.50	33.07	74.00	28.16	H
17538.000	53.10	-24.17	41.96	35.31	68.30	15.20	H
17587.000	52.72	-24.04	41.91	34.85	68.30	15.58	H

Channel 40

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)
5153.600	54.93	-24.82	33.91	45.84	68.30	13.37	V
5256.800	53.89	-25.05	34.19	44.74	68.30	14.41	H
10400.000	45.05	-30.22	38.60	36.67	68.30	23.25	H
15600.000	45.93	-25.40	38.50	32.83	74.00	28.07	H
17546.000	52.99	-24.20	41.95	35.23	68.30	15.31	V
17656.000	52.89	-23.85	41.84	34.89	68.30	15.41	H

Channel 48

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)
5175.800	54.36	-24.81	33.95	45.22	74.00	19.64	H
5322.200	54.85	-25.19	34.19	45.84	74.00	19.15	V
10480.000	44.30	-29.89	38.68	35.51	68.30	24.00	V
15720.000	45.34	-25.72	38.60	32.47	74.00	28.66	H
17393.000	52.67	-24.38	41.98	35.07	68.30	15.63	H
17513.000	52.43	-24.10	41.99	34.54	68.30	15.87	H

Channel 52

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)
5109.800	54.13	-24.70	33.82	45.02	74.00	19.87	H
5146.000	54.02	-24.82	33.89	44.94	74.00	19.98	H
10520.000	45.09	-29.96	-29.96	105.00	68.30	23.21	V
15780.000	45.25	-25.53	-25.53	96.32	74.00	28.75	H
17314.000	52.41	-24.29	-24.29	101.00	68.30	15.89	V
17528.000	52.72	-24.14	-24.14	101.00	68.30	15.58	V

Channel 56

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)
5245.200	54.64	-24.95	34.18	45.41	68.30	13.66	H
5326.400	54.75	-25.17	34.21	45.71	68.30	13.55	V
10560.000	45.35	-30.30	-30.30	105.96	68.30	22.95	H
15840.000	46.32	-25.40	-25.40	97.11	74.00	27.68	V
17335.500	52.46	-24.36	-24.36	101.17	68.30	15.84	V
17502.500	52.46	-24.07	-24.07	100.60	68.30	15.84	V

Channel 64

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)
5350.164	60.02	-25.05	34.30	50.76	74.00	13.98	H
5353.687	59.83	-25.02	34.29	50.55	74.00	14.17	V
10640.000	43.58	-29.99	-29.99	103.56	74.00	30.42	V
15960.000	45.44	-25.25	-25.25	95.94	74.00	28.56	V
17470.000	52.95	-24.25	-24.25	101.45	68.30	15.35	V
17493.500	52.80	-24.10	-24.10	101.00	68.30	15.50	H

Channel 100

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)
5468.042	62.14	-24.56	34.16	52.53	74.00	11.86	V
5469.025	62.08	-24.56	34.16	52.48	74.00	11.92	V
11000.000	45.76	-30.50	38.60	37.66	74.00	28.24	V
16500.000	47.24	-24.78	40.10	31.93	68.30	21.06	H
17243.500	52.66	-24.45	41.59	35.52	68.30	15.64	V
17513.500	52.18	-24.10	41.99	34.29	68.30	16.12	H

Channel 116

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)
5521.400	55.09	-24.59	34.10	45.59	68.30	13.21	V
5640.800	55.80	-24.33	34.20	45.92	68.30	12.50	H
11160.000	44.71	-30.34	38.50	36.55	74.00	29.29	V
16740.000	47.76	-24.58	40.52	31.83	68.30	20.54	H
17319.500	52.30	-24.31	41.76	34.85	68.30	16.00	V
17411.500	52.40	-24.38	42.00	34.78	68.30	15.90	H

Channel 140

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)
5730.387	56.95	-23.95	34.38	46.52	68.30	11.35	V
5732.538	56.95	-23.96	34.40	46.51	68.30	11.35	V
11400.000	45.34	-29.02	38.80	35.57	74.00	28.66	V
17100.000	48.07	-24.09	41.40	30.76	68.30	20.23	V
17356.000	52.02	-24.39	41.87	34.55	68.30	16.28	V
17609.000	52.97	-23.96	41.89	35.04	68.30	15.33	V

802.11n-HT40

Channel 38

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)
5148.855	65.01	-24.82	33.90	55.93	74.00	8.99	H
5149.467	64.26	-24.82	33.90	55.18	74.00	9.74	V
10380.000	44.91	-30.10	38.58	36.42	68.30	23.39	H
15570.000	45.83	-25.61	38.50	32.95	74.00	28.17	H
17075.000	52.74	-24.29	41.33	35.70	68.30	15.56	H
17500.500	53.42	-24.06	42.00	35.49	68.30	14.88	V

Channel 46

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)
5314.400	54.64	-25.22	34.16	45.70	74.00	19.36	V
5321.600	54.18	-25.19	34.19	45.18	74.00	19.82	H
10460.000	45.74	-30.06	38.66	37.14	68.30	22.56	H
15690.000	45.89	-25.89	38.59	33.20	74.00	28.11	H
17165.500	53.22	-24.19	41.47	35.94	68.30	15.08	H
17637.000	53.25	-23.88	41.86	35.27	68.30	15.05	V

Channel 54

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)
5174.400	55.67	-24.81	33.95	46.53	74.00	18.33	V
5340.600	56.02	-25.11	34.26	46.86	74.00	17.98	H
10540.000	45.59	-30.19	-30.19	105.97	68.30	22.71	H
15810.000	44.73	-25.55	-25.55	95.84	74.00	29.27	H
17233.000	52.39	-24.42	-24.42	101.23	68.30	15.91	V
17546.000	52.46	-24.20	-24.20	100.85	68.30	15.84	V

Channel 62

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)
5351.582	64.44	-25.04	34.30	55.18	74.00	9.56	H
5351.932	63.09	-25.03	34.30	53.82	74.00	10.91	V
10620.000	44.16	-30.14	-30.14	104.45	74.00	29.84	V
15930.000	46.14	-25.49	-25.49	97.12	74.00	27.86	V
17213.500	52.38	-24.38	-24.38	101.14	68.30	15.92	H
17583.000	51.61	-24.06	-24.06	99.73	68.30	16.69	V

Channel 102

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)
5468.237	63.73	-24.56	34.16	54.12	74.00	10.27	H
5468.867	64.62	-24.56	34.16	55.02	74.00	9.38	H
11020.000	47.31	-30.55	38.58	39.27	74.00	26.69	V
16530.000	47.48	-24.71	40.07	32.12	68.30	20.82	H
17302.000	52.94	-24.26	41.71	35.50	68.30	15.36	V
17494.500	53.55	-24.10	42.00	35.64	68.30	14.75	H

Channel 118

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)
5484.800	55.13	-24.66	34.13	45.66	68.30	13.17	V
5675.000	55.79	-24.31	34.20	45.90	68.30	12.51	V
11180.000	45.11	-30.17	38.50	36.77	74.00	28.89	H
16770.000	47.86	-24.63	40.61	31.88	68.30	20.44	H
17287.000	52.68	-24.31	41.67	35.32	68.30	15.62	H
17529.000	52.72	-24.15	41.97	34.89	68.30	15.58	H

Channel 134

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)
5725.837	55.81	-23.96	34.36	45.41	68.30	12.49	V
5727.415	56.09	-23.95	34.36	45.67	68.30	12.21	V
11340.000	44.49	-29.88	38.74	35.63	74.00	29.51	H
17010.000	46.99	-24.59	41.13	30.45	68.30	21.31	V
17219.500	51.46	-24.39	41.54	34.31	68.30	16.84	H
17652.500	52.03	-23.84	41.85	34.03	68.30	16.27	V

802.11ac-HT20

Channel 36

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)
5142.030	56.48	-24.82	33.88	47.42	74.00	17.52	H
5149.555	56.73	-24.82	33.90	47.65	74.00	17.27	V
10360.000	42.81	-29.98	38.56	34.22	68.30	25.49	V
15540.000	44.97	-25.73	38.50	32.20	74.00	29.03	H
17135.000	52.49	-24.11	41.44	35.16	68.30	15.81	V
17493.500	53.06	-24.10	42.00	35.16	68.30	15.24	H

Channel 40

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)
5159.000	54.04	-24.82	33.92	44.94	68.30	14.26	V
5277.000	55.61	-25.22	34.15	46.68	68.30	12.69	V
10400.000	45.58	-30.22	38.60	37.20	68.30	22.72	H
15600.000	45.59	-25.40	38.50	32.49	74.00	28.41	H
17263.000	53.19	-24.41	41.63	35.98	68.30	15.11	H
17454.500	53.28	-24.34	42.00	35.63	68.30	15.02	V

Channel 48

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)
5197.400	54.19	-24.83	33.99	45.03	74.00	19.81	H
5285.200	54.23	-25.29	34.13	45.38	74.00	19.77	V
10480.000	46.19	-29.89	38.68	37.40	68.30	22.11	V
15720.000	44.39	-25.72	38.60	31.51	74.00	29.61	V
17320.500	52.59	-24.31	41.76	35.14	68.30	15.71	V
17506.500	52.93	-24.08	41.99	35.02	68.30	15.37	V

Channel 52

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)
5119.000	54.82	-24.75	33.84	45.73	74.00	19.18	H
5139.000	53.98	-24.82	33.88	44.92	74.00	20.02	H
10520.000	46.09	-29.96	-29.96	106.00	68.30	22.21	V
15780.000	46.20	-25.53	-25.53	97.27	74.00	27.80	H
17357.500	53.15	-24.39	-24.39	101.94	68.30	15.15	H
17489.500	52.51	-24.13	-24.13	100.76	68.30	15.79	V

Channel 56

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)
5248.200	55.59	-24.97	34.19	46.36	68.30	12.71	H
5328.400	54.73	-25.16	34.21	45.68	68.30	13.57	H
10560.000	45.55	-30.30	-30.30	106.16	68.30	22.75	H
15840.000	46.50	-25.40	-25.40	97.29	74.00	27.50	H
17244.500	52.56	-24.45	-24.45	101.46	68.30	15.74	V
17498.500	52.45	-24.07	-24.07	100.60	68.30	15.84	H

Channel 64

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)
5350.880	60.22	-25.04	34.30	50.96	74.00	13.78	H
5353.107	59.89	-25.03	34.29	50.62	74.00	14.11	H
10640.000	43.94	-29.99	-29.99	103.92	74.00	30.06	H
15960.000	45.02	-25.25	-25.25	95.52	74.00	28.98	H
17208.000	51.77	-24.37	-24.37	100.51	68.30	16.53	V
17437.000	52.94	-24.37	-24.37	101.69	68.30	15.36	H

Channel 100

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)
5468.980	57.26	-24.56	34.16	47.66	74.00	16.74	V
5469.280	57.00	-24.56	34.16	47.40	74.00	17.00	H
11000.000	45.22	-30.50	38.60	37.12	74.00	28.78	H
16500.000	47.84	-24.78	40.10	32.52	68.30	20.46	H
17258.000	53.42	-24.43	41.62	36.23	68.30	14.88	H
17452.500	52.46	-24.36	42.00	34.82	68.30	15.84	H

Channel 116

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)
5539.200	54.97	-24.39	34.10	45.25	68.30	13.33	V
5645.400	55.26	-24.33	34.20	45.39	68.30	13.04	H
11160.000	44.42	-30.34	38.50	36.27	74.00	29.58	H
16740.000	47.45	-24.58	40.52	31.51	68.30	20.85	V
17125.500	52.21	-24.10	41.43	34.89	68.30	16.09	V
17475.500	52.76	-24.21	42.00	34.97	68.30	15.54	V

Channel 140

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)
5732.475	57.11	-23.96	34.40	46.67	68.30	11.19	V
5735.325	56.79	-23.96	34.41	46.34	68.30	11.51	V
11400.000	44.60	-29.02	38.80	34.83	74.00	29.40	V
17100.000	50.46	-24.09	41.40	33.15	68.30	17.84	H
17349.000	52.10	-24.39	41.85	34.65	68.30	16.20	V
17512.500	52.50	-24.10	41.99	34.61	68.30	15.80	H

802.11ac-HT40

Channel 38

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)
5147.630	62.20	-24.82	33.90	53.12	74.00	11.80	V
5148.033	61.41	-24.82	33.90	52.33	74.00	12.59	V
10380.000	44.97	-30.10	38.58	36.48	68.30	23.33	V
15570.000	44.59	-25.61	38.50	31.70	74.00	29.41	H
17138.000	52.56	-24.11	41.44	35.24	68.30	15.73	H
17489.000	52.79	-24.13	42.00	34.92	68.30	15.51	H

Channel 46

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)
5329.600	54.20	-25.15	34.22	45.14	74.00	19.80	V
5332.600	54.57	-25.14	34.23	45.48	74.00	19.43	H
10460.000	45.41	-30.06	38.66	36.81	68.30	22.88	H
15690.000	45.30	-25.89	38.59	32.61	74.00	28.70	V
17427.500	52.95	-24.38	42.00	35.33	68.30	15.35	H
17624.500	52.72	-23.91	41.88	34.76	68.30	15.58	H

Channel 54

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)
5182.400	54.62	-24.81	33.96	45.46	74.00	19.38	H
5186.000	54.48	-24.81	33.97	45.32	74.00	19.52	H
10540.000	45.60	-30.19	-30.19	105.98	68.30	22.70	H
15810.000	45.24	-25.55	-25.55	96.35	74.00	28.76	V
17183.500	52.03	-24.27	-24.27	100.57	68.30	16.27	H
17365.500	52.27	-24.39	-24.39	101.05	68.30	16.03	V

Channel 62

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)
5350.029	62.00	-25.05	34.30	52.75	74.00	12.00	V
5350.407	60.43	-25.04	34.30	51.18	74.00	13.57	H
10620.000	44.57	-30.14	-30.14	104.85	74.00	29.43	V
15930.000	46.26	-25.49	-25.49	97.23	68.30	22.04	H
17248.500	52.05	-24.46	-24.46	100.97	68.30	16.24	V
17565.500	52.43	-24.14	-24.14	100.70	68.30	15.87	H

Channel 102

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)
5468.237	63.73	-24.56	34.16	54.12	68.30	4.57	H
5468.867	64.62	-24.56	34.16	55.02	68.30	3.68	V
11020.000	47.53	-30.55	38.58	39.49	74.00	26.47	H
16530.000	47.83	-24.71	40.07	32.48	68.30	20.47	H
17297.500	52.66	-24.27	41.70	35.23	68.30	15.64	H
17472.500	52.86	-24.23	42.00	35.09	68.30	15.44	V

Channel 118

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)
5486.000	55.54	-24.67	34.13	46.08	68.30	12.76	V
5693.000	56.10	-24.19	34.20	46.09	68.30	12.20	H
11180.000	43.78	-30.17	38.50	35.44	74.00	30.22	V
16770.000	48.73	-24.63	40.61	32.75	68.30	19.57	H
17225.500	51.93	-24.41	41.55	34.78	68.30	16.37	V
17471.000	52.51	-24.24	42.00	34.75	68.30	15.79	V

Channel 134

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)
5726.962	56.17	-23.95	34.36	45.76	68.30	12.13	V
5727.475	56.16	-23.95	34.37	45.74	68.30	12.14	H
11340.000	45.73	-29.88	38.74	36.87	74.00	28.27	H
17010.000	47.60	-24.59	41.13	31.06	68.30	20.70	H
17311.500	52.49	-24.29	41.73	35.05	68.30	15.81	H
17410.500	52.77	-24.38	42.00	35.15	68.30	15.53	H

802.11ac-HT80

Channel 42

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)
5149.870	64.95	-24.82	33.90	55.87	74.00	9.05	H
5149.905	64.47	-24.82	33.90	55.38	74.00	9.53	V
10420.000	45.82	-30.19	38.62	37.38	68.30	22.48	V
15630.000	45.18	-25.64	38.53	32.29	74.00	28.82	H
16906.500	52.09	-24.46	40.91	35.64	68.30	16.21	V
17578.500	52.38	-24.08	41.92	34.53	68.30	15.92	V

Channel 58

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)
5350.231	62.79	-25.05	34.30	53.53	74.00	11.21	H
5350.880	61.06	-25.04	34.30	51.81	74.00	12.94	H
10580.000	44.22	-30.30	38.70	35.82	68.30	24.08	V
15870.000	46.25	-25.54	38.67	33.12	74.00	27.75	H
17308.500	51.96	-24.28	41.73	34.51	68.30	16.34	V
17485.500	51.75	-24.15	42.00	33.90	68.30	16.55	V

Channel 106

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)
5463.505	62.95	-24.53	34.17	53.31	74.00	11.05	H
5465.868	62.80	-24.54	34.17	53.18	74.00	11.20	V
11060.000	45.45	-30.61	38.54	37.52	74.00	28.55	V
16590.000	46.20	-24.63	40.01	30.83	68.30	22.09	V
17466.500	52.36	-24.27	42.00	34.63	68.30	15.94	H
17589.000	52.38	-24.03	41.91	34.50	68.30	15.92	H

Channel 122

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)
5730.000	57.06	-23.95	34.38	46.63	68.30	11.24	V
5730.938	56.81	-23.95	34.39	46.38	68.30	11.48	H
11220.000	44.31	-29.89	38.54	35.65	74.00	29.69	H
16830.000	47.84	-24.98	40.76	32.06	68.30	20.46	H
17299.500	52.33	-24.26	41.70	34.88	68.30	15.97	V
17483.000	52.47	-24.17	42.00	34.64	68.30	15.83	V

802.11ax-HT20

Channel 36

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)
5148.400	56.09	-24.82	33.90	47.01	74.00	17.91	V
5149.835	56.00	-24.82	33.90	46.92	74.00	18.00	V
10360.000	44.78	-29.98	38.56	36.20	68.30	23.52	H
15540.000	44.89	-25.73	38.50	32.12	74.00	29.11	H
17516.500	53.48	-24.11	41.98	35.60	68.30	14.82	H
17626.500	52.97	-23.91	41.87	35.01	68.30	15.33	V

Channel 40

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)
5159.400	54.99	-24.82	33.92	45.89	68.30	13.30	H
5252.200	55.45	-25.01	34.20	46.26	68.30	12.85	H
10400.000	44.83	-30.22	38.60	36.45	68.30	23.47	H
15600.000	46.20	-25.40	38.50	33.10	74.00	27.80	H
17393.000	52.30	-24.38	41.98	34.70	68.30	16.00	V
17505.000	52.87	-24.08	41.99	34.95	68.30	15.43	H

Channel 48

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)
5176.400	55.21	-24.81	33.95	46.07	74.00	18.79	H
5331.600	54.92	-25.15	34.23	45.84	74.00	19.08	H
10480.000	45.74	-29.89	38.68	36.95	68.30	22.56	H
15720.000	45.46	-25.72	38.60	32.58	74.00	28.54	H
17464.000	52.32	-24.29	42.00	34.61	68.30	15.98	V
17624.000	52.82	-23.92	41.88	34.86	68.30	15.48	H

Channel 52

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)
5115.200	54.15	-24.73	33.83	45.04	74.00	19.85	V
5134.600	53.95	-24.82	33.87	44.90	74.00	20.05	V
10520.000	46.12	-29.96	-29.96	106.04	68.30	22.18	V
15780.000	46.23	-25.53	-25.53	97.30	74.00	27.77	H
17321.000	52.05	-24.31	-24.31	100.68	68.30	16.25	H
17596.500	52.02	-24.00	-24.00	100.02	68.30	16.28	V

Channel 56

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)
5242.000	54.89	-24.92	34.17	45.64	68.30	13.41	H
5319.600	54.74	-25.20	34.18	45.76	68.30	13.56	H
10560.000	43.86	-30.30	-30.30	104.47	68.30	24.44	V
15840.000	46.22	-25.40	-25.40	97.01	74.00	27.78	V
17487.000	52.55	-24.14	-24.14	100.84	68.30	15.75	H
17620.500	52.43	-23.93	-23.93	100.28	68.30	15.87	V

Channel 64

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)
5351.595	57.53	-25.04	34.30	48.27	74.00	16.47	V
5353.674	56.58	-25.02	34.29	47.31	74.00	17.42	H
10640.000	44.56	-29.99	-29.99	104.55	74.00	29.44	H
15960.000	45.87	-25.25	-25.25	96.38	74.00	28.13	H
17239.000	52.03	-24.44	-24.44	100.91	68.30	16.27	H
17501.500	53.23	-24.07	-24.07	101.36	68.30	15.07	V

Channel 100

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)
5467.465	59.75	-24.55	34.16	50.13	74.00	14.25	V
5469.115	59.83	-24.56	34.16	50.23	74.00	14.17	H
11000.000	44.98	-30.50	38.60	36.88	74.00	29.02	V
16500.000	46.41	-24.78	40.10	31.10	68.30	21.89	H
16810.500	52.35	-24.81	40.72	36.45	68.30	15.95	V
17373.500	52.82	-24.39	41.92	35.29	68.30	15.48	H

Channel 116

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)
5536.400	54.42	-24.42	34.10	44.74	68.30	13.88	H
5624.200	54.49	-24.32	34.20	44.61	68.30	13.81	V
11160.000	45.01	-30.34	38.50	36.85	74.00	28.99	H
16740.000	48.19	-24.58	40.52	32.25	68.30	20.11	V
17033.000	51.19	-24.53	41.20	34.52	68.30	17.11	V
17501.000	52.35	-24.06	42.00	34.42	68.30	15.95	V

Channel 140

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)
5725.325	57.05	-23.96	34.35	46.66	68.30	11.25	V
5726.537	56.83	-23.95	34.36	46.42	68.30	11.47	V
11400.000	44.76	-29.02	38.80	34.98	74.00	29.24	H
17100.000	48.77	-24.09	41.40	31.47	68.30	19.52	V
17326.500	52.17	-24.33	41.78	34.72	68.30	16.13	V
17571.000	52.56	-24.11	41.93	34.75	68.30	15.74	V

802.11ax-HT40

Channel 38

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)
5148.155	63.01	-24.82	33.90	53.93	74.00	10.99	V
5149.153	63.28	-24.82	33.90	54.20	74.00	10.72	V
10380.000	45.91	-30.10	38.58	37.42	68.30	22.39	H
15570.000	45.52	-25.61	38.50	32.63	74.00	28.48	V
17117.000	52.60	-24.10	41.42	35.29	68.30	15.70	H
17477.000	52.80	-24.20	42.00	35.01	68.30	15.50	V

Channel 46

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)
5314.600	54.12	-25.22	34.16	45.18	74.00	19.88	V
5332.000	54.40	-25.14	34.23	45.32	74.00	19.60	V
10460.000	44.86	-30.06	38.66	36.26	68.30	23.44	H
15690.000	45.58	-25.89	38.59	32.88	74.00	28.42	V
17307.500	53.82	-24.28	41.72	36.37	68.30	14.48	V
17515.000	52.83	-24.11	41.98	34.95	68.30	15.47	V

Channel 54

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)
5162.800	54.26	-24.81	33.93	45.15	74.00	19.74	H
5339.600	55.06	-25.11	34.26	45.92	74.00	18.94	H
10540.000	45.06	-30.19	-30.19	105.44	68.30	23.24	V
15810.000	44.58	-25.55	-25.55	95.68	74.00	29.42	H
17261.000	51.68	-24.42	-24.42	100.52	68.30	16.62	H
17420.000	52.13	-24.38	-24.38	100.89	68.30	16.17	H

Channel 62

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)
5350.177	61.96	-25.05	34.30	52.71	74.00	12.04	V
5350.258	62.23	-25.05	34.30	52.97	74.00	11.77	H
10620.000	44.67	-30.14	-30.14	104.96	74.00	29.33	H
15930.000	46.15	-25.49	-25.49	97.13	68.30	22.15	V
17220.500	51.36	-24.40	-24.40	100.16	68.30	16.94	V
17488.000	53.20	-24.14	-24.14	101.48	68.30	15.10	V

Channel 102

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)
5469.145	64.35	-24.56	34.16	54.75	68.30	3.95	H
5469.610	63.86	-24.57	34.16	54.26	68.30	4.44	V
11020.000	45.56	-30.55	38.58	37.53	74.00	28.44	H
16530.000	49.01	-24.71	40.07	33.66	68.30	19.29	H
17289.500	53.31	-24.30	41.68	35.93	68.30	14.99	H
17623.500	53.44	-23.92	41.88	35.48	68.30	14.86	V

Channel 118

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)
5515.400	55.20	-24.66	34.10	45.76	68.30	13.10	V
5672.000	54.84	-24.34	34.20	44.97	68.30	13.46	V
11180.000	45.18	-30.17	38.50	36.85	74.00	28.82	H
16770.000	47.96	-24.63	40.61	31.98	68.30	20.34	V
17187.500	52.42	-24.29	41.49	35.22	68.30	15.88	H
17575.500	53.56	-24.09	41.92	35.73	68.30	14.74	V

Channel 134

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)
5728.880	57.18	-23.95	34.37	46.75	68.30	11.12	H
5729.975	56.25	-23.95	34.38	45.82	68.30	12.05	V
11340.000	44.84	-29.88	38.74	35.97	74.00	29.16	V
17010.000	48.20	-24.59	41.13	31.67	68.30	20.10	V
17268.500	51.83	-24.39	41.64	34.58	68.30	16.47	V
17528.000	53.34	-24.14	41.97	35.51	68.30	14.96	V

802.11ax-HT80

Channel 42

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)
5148.470	63.38	-24.82	33.90	54.30	74.00	10.62	H
5148.698	64.04	-24.82	33.90	54.96	74.00	9.96	V
10420.000	44.98	-30.19	38.62	36.55	68.30	23.32	H
15630.000	45.66	-25.64	38.53	32.77	74.00	28.34	V
17329.500	52.97	-24.34	41.79	35.52	68.30	15.33	H
17524.000	53.19	-24.13	41.98	35.34	68.30	15.11	V

Channel 58

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)
5350.245	63.27	-25.05	34.30	54.01	74.00	10.73	H
5351.784	61.77	-25.03	34.30	52.51	74.00	12.23	V
10580.000	47.39	-30.30	38.70	38.99	68.30	20.91	V
15870.000	45.66	-25.54	38.67	32.53	74.00	28.34	H
17129.500	51.36	-24.11	41.43	34.04	68.30	16.94	V
17523.500	52.82	-24.13	41.98	34.98	68.30	15.48	V

Channel 106

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)
5465.868	62.80	-24.54	34.17	53.18	68.30	5.50	V
5466.677	62.77	-24.55	34.17	53.15	68.30	5.53	H
11060.000	45.66	-30.61	38.54	37.73	74.00	28.34	V
16590.000	48.65	-24.63	40.01	33.27	68.30	19.65	H
17072.000	51.71	-24.31	41.32	34.70	68.30	16.59	H
17516.000	53.33	-24.11	41.98	35.45	68.30	14.97	V

Channel 122

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)
5726.312	55.96	-23.96	34.36	45.55	68.30	12.34	H
5727.363	56.12	-23.95	34.36	45.70	68.30	12.18	H
11220.000	44.13	-29.89	38.54	35.48	74.00	29.87	V
16830.000	48.18	-24.98	40.76	32.40	68.30	20.12	V
17079.500	52.43	-24.25	41.34	35.34	68.30	15.87	H
17492.500	52.72	-24.11	42.00	34.83	68.30	15.58	H

Channel 138

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)
5549.200	55.18	-24.27	34.10	45.35	68.30	13.12	V
5805.400	55.52	-24.20	34.51	45.20	68.30	12.78	H
11380.000	44.83	-29.31	38.78	35.37	74.00	29.17	V
17070.000	47.48	-24.33	41.31	30.49	68.30	20.82	H
17255.000	52.41	-24.44	41.61	35.24	68.30	15.90	H
17571.500	52.18	-24.11	41.93	34.37	68.30	16.12	H

802.11ax-HT160

Channel 50

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)
5146.283	61.80	-24.82	33.89	52.72	74.00	12.20	V
5350.353	56.48	-25.04	34.30	47.22	74.00	17.52	V
10500.000	45.30	-29.72	38.70	36.32	68.30	23.00	H
15750.000	46.37	-25.43	38.60	33.20	74.00	27.63	V
17315.000	52.89	-24.30	41.75	35.45	68.30	15.41	H
17537.500	52.50	-24.17	41.96	34.71	68.30	15.80	V

Channel 114

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)
5463.625	58.58	-24.53	34.17	48.94	74.00	15.42	H
5727.925	57.56	-23.95	34.37	47.13	74.00	16.44	H
11140.000	44.83	-30.46	38.50	36.79	74.00	29.17	H
16710.000	46.25	-24.65	40.43	30.47	68.30	22.05	V
17508.000	52.40	-24.08	41.99	34.50	68.30	15.90	H
17641.500	52.48	-23.86	41.86	34.48	68.30	15.82	V

802.11ax-HT20 RU106

Channel 36

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)
5144.218	54.90	-24.82	33.89	45.83	74.00	19.10	V
5149.695	54.74	-24.82	33.90	45.66	74.00	19.26	V
10359.950	45.85	-31.30	37.20	39.95	68.30	22.45	V
15539.850	49.11	-26.71	40.44	35.38	74.00	24.89	V
16635.400	52.09	-25.34	41.44	35.99	68.30	16.21	H
17040.800	52.56	-24.64	41.02	36.18	68.30	15.74	V

Channel 40

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)
5158.800	54.79	-24.82	33.92	45.69	68.30	13.51	H
5254.600	54.66	-25.03	34.19	45.49	68.30	13.64	V
10400.100	45.59	-31.15	37.20	39.54	68.30	22.71	H
15599.800	47.93	-26.69	40.50	34.12	74.00	26.07	V
16901.650	51.98	-24.73	41.30	35.41	68.30	16.32	V
17144.200	52.22	-24.60	40.86	35.97	68.30	16.08	V

Channel 48

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)
5209.400	54.74	-24.84	34.04	45.55	74.00	19.26	H
5279.800	53.94	-25.24	34.14	45.03	74.00	20.07	V
10479.850	45.76	-31.23	37.44	39.54	68.30	22.54	H
15720.250	48.17	-26.63	40.74	34.06	74.00	25.83	H
16826.300	52.42	-24.99	41.30	36.10	68.30	15.88	V
17053.400	52.46	-24.64	40.99	36.12	68.30	15.84	H

Channel 52

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)
5209.200	54.47	-24.84	34.04	45.27	74.00	19.53	H
5304.800	54.07	-25.26	34.12	45.21	74.00	19.93	V
10520.000	45.81	-31.31	37.48	39.64	68.30	22.49	H
15780.200	48.36	-26.60	40.86	34.10	68.30	19.94	H
17277.350	52.41	-24.25	40.80	35.86	68.30	15.89	H
16613.450	53.14	-25.37	41.41	37.09	68.30	15.16	H

Channel 56

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)
5350.785	54.46	-25.04	34.30	45.20	74.00	19.54	V
5352.220	53.99	-25.03	34.30	44.73	74.00	20.01	V
10639.900	45.55	-31.76	37.48	39.82	68.30	22.76	H
15960.005	49.81	-26.22	40.94	35.09	68.30	18.49	H
16936.300	53.62	-24.61	41.23	37.00	68.30	14.68	V
17056.750	51.99	-24.65	40.99	35.65	68.30	16.31	V

Channel 64

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)
5351.757	65.47	-25.04	34.30	56.21	74.00	8.53	H
5352.216	65.66	-25.03	34.30	56.39	74.00	8.34	V
10639.250	45.40	-31.76	37.48	39.68	68.30	22.90	V
15960.500	49.78	-26.22	40.94	35.06	68.30	18.52	H
16972.250	53.42	-24.60	41.16	36.86	68.30	14.88	V
17064.350	51.80	-24.65	40.97	35.47	68.30	16.51	H

Channel 100

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)
5463.875	55.85	-24.53	34.17	46.21	68.30	12.45	H
5468.785	54.86	-24.56	34.16	45.25	68.30	13.44	H
11000.150	44.52	-31.32	37.60	38.24	68.30	23.78	H
16501.800	50.25	-25.55	41.20	34.59	68.30	18.06	H
17000.100	52.40	-24.61	41.10	35.91	68.30	15.90	V
17030.900	53.09	-24.63	41.04	36.68	68.30	15.21	V

Channel 116

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)
5532.000	54.25	-24.47	34.10	44.62	68.30	14.05	H
5608.200	55.27	-24.30	34.20	45.37	68.30	13.03	V
11161.300	45.69	-30.99	37.66	39.02	68.30	22.61	H
16739.400	50.96	-25.20	41.42	34.75	68.30	17.34	V
16959.950	52.22	-24.59	41.18	35.63	68.30	16.08	H
17022.100	52.13	-24.63	41.06	35.70	68.30	16.17	V

Channel 140

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)
5729.500	56.25	-23.95	34.38	45.82	68.30	12.05	H
5734.638	56.16	-23.96	34.41	45.71	68.30	12.14	H
11400.000	46.04	-31.02	37.70	39.35	68.30	22.26	V
16933.550	52.57	-24.62	41.23	35.96	68.30	15.73	H
17100.200	50.38	-24.67	40.90	34.15	68.30	17.93	H
17502.250	52.31	-23.99	40.60	35.70	68.30	15.99	V

Channel 144

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)
5647.400	55.70	-24.33	34.20	45.84	68.30	12.60	H
5768.000	55.32	-24.05	34.50	44.86	68.30	12.98	V
11420.350	45.50	-30.95	37.76	38.69	68.30	22.80	V
16783.400	53.35	-25.14	41.33	37.15	68.30	14.95	H
17129.900	51.27	-24.64	40.87	35.04	68.30	17.03	H
17644.700	53.80	-23.68	40.60	36.88	68.30	14.50	V

802.11ax-HT40 RU106

Channel 38

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)
5148.330	66.25	-24.82	33.90	57.17	74.00	7.75	H
5148.418	66.60	-24.82	33.90	57.52	74.00	7.40	H
10379.850	45.34	-31.22	37.20	39.37	68.30	22.96	H
15570.250	47.99	-26.70	40.47	34.22	68.30	20.32	H
17747.550	53.06	-23.65	40.55	36.16	68.30	15.24	V
17490.150	52.52	-24.02	40.61	35.93	68.30	15.78	H

Channel 46

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)
5160.200	54.28	-24.82	33.92	45.18	68.30	14.02	H
5295.400	54.27	-25.30	34.11	45.46	68.30	14.03	V
10460.050	44.35	-31.20	37.38	38.17	68.30	23.95	H
15570.100	47.69	-26.70	40.47	33.92	68.30	20.61	H
17450.000	51.94	-24.10	40.65	35.39	68.30	16.37	H
17726.650	52.61	-23.65	40.57	35.69	68.30	15.69	H

Channel 54

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)
5222.400	55.07	-24.86	34.09	45.84	74.00	18.93	H
5314.000	53.65	-25.22	34.16	44.72	74.00	20.35	H
10539.800	45.83	-31.40	37.46	39.77	68.30	22.47	V
15809.900	49.48	-26.58	40.91	35.14	68.30	18.82	V
16940.700	52.62	-24.60	41.22	35.99	68.30	15.68	V
17175.250	52.54	-24.52	40.82	36.23	68.30	15.76	H

Channel 62

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)
5350.137	66.28	-25.05	34.30	57.03	74.00	7.72	V
5350.178	66.28	-25.05	34.30	57.02	74.00	7.72	V
10620.100	44.79	-31.75	37.44	39.10	68.30	23.51	H
15929.850	48.76	-26.29	40.97	34.08	68.30	19.54	H
16965.150	52.35	-24.59	41.17	35.77	68.30	15.95	H
17180.250	52.42	-24.51	40.82	36.11	68.30	15.88	H

Channel 102

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)
5468.883	64.60	-24.56	34.16	54.99	68.30	3.70	H
5469.385	64.60	-24.56	34.16	55.00	68.30	3.70	V
11021.050	45.96	-31.26	37.60	39.62	68.30	22.34	H
16529.850	50.02	-25.51	41.26	34.27	68.30	18.28	H
16936.850	52.27	-24.61	41.23	35.65	68.30	16.03	H
17292.700	52.53	-24.22	40.80	35.95	68.30	15.77	H

Channel 118

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)
5540.000	54.69	-24.38	34.10	44.97	68.30	13.61	H
5643.000	55.09	-24.33	34.20	45.22	68.30	13.21	V
11180.550	45.70	-30.83	37.68	38.85	68.30	22.60	H
16769.650	50.24	-25.17	41.36	34.04	68.30	18.06	V
17098.550	52.52	-24.67	40.90	36.29	68.30	15.78	V
17133.750	52.87	-24.63	40.87	36.64	68.30	15.43	V

Channel 134

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)
5728.200	56.08	-23.94	34.37	45.66	68.30	12.22	H
5731.488	55.72	-23.95	34.39	45.28	68.30	12.58	H
11340.050	45.75	-30.73	37.64	38.84	68.30	22.56	H
16928.600	52.31	-24.64	41.24	35.70	68.30	16.00	H
17011.100	50.98	-24.62	41.08	34.52	68.30	17.32	H
17265.750	52.61	-24.28	40.80	36.09	68.30	15.69	H

802.11ax-HT80 RU106

Channel 42

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)
5149.538	66.74	-24.82	33.90	57.66	74.00	7.26	V
5149.695	66.89	-24.82	33.90	57.81	74.00	7.11	V
10420.000	45.74	-31.15	37.26	39.63	68.30	22.56	H
15630.000	49.92	-26.68	40.56	36.04	68.30	18.38	H
17141.450	52.15	-24.61	40.86	35.90	68.30	16.15	H
16936.850	51.71	-24.61	41.23	35.09	68.30	16.59	H

Channel 58

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)
5356.037	60.92	-25.01	34.29	51.63	74.00	13.09	V
5356.212	60.41	-25.00	34.29	51.13	74.00	13.59	H
10580.250	45.65	-31.59	37.42	39.82	68.30	22.65	V
15870.150	49.65	-26.43	40.97	35.11	68.30	18.65	V
17040.250	52.43	-24.64	41.02	36.05	68.30	15.87	H
16680.550	51.74	-25.28	41.48	35.54	68.30	16.56	V

Channel 106

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)
5468.260	64.30	-24.56	34.16	54.69	68.30	4.01	H
5468.688	63.88	-24.56	34.16	54.28	68.30	4.42	V
11060.100	44.98	-31.15	37.60	38.53	68.30	23.33	V
16589.250	50.13	-25.41	41.38	34.16	68.30	18.17	H
16929.700	52.27	-24.63	41.24	35.66	68.30	16.03	H
17043.000	52.38	-24.64	41.01	36.01	68.30	15.92	H

Channel 122

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)
5727.713	55.79	-23.95	34.37	45.36	68.30	12.52	V
5728.750	55.38	-23.95	34.37	44.96	68.30	12.92	H
11218.500	45.78	-30.53	37.68	38.63	68.30	22.52	V
16827.950	50.60	-24.98	41.30	34.28	68.30	17.70	H
17011.650	52.47	-24.62	41.08	36.01	68.30	15.84	V
17336.700	52.25	-24.19	40.76	35.67	68.30	16.05	V

Channel 138

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)
5623.800	54.22	-24.32	34.20	44.35	68.30	14.08	H
5784.400	54.67	-24.09	34.50	44.26	68.30	13.63	V
11380.200	45.34	-31.07	37.68	38.73	68.30	22.96	H
16823.000	51.58	-25.00	41.30	35.28	68.30	16.72	V
17059.500	52.59	-24.65	40.98	36.25	68.30	15.71	V
17069.950	50.32	-24.65	40.96	34.01	68.30	17.98	H

802.11ax-HT160 RU106

Channel 50

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)
5114.205	61.22	-24.72	33.83	52.11	74.00	12.78	V
5396.469	65.35	-24.73	34.21	55.87	74.00	8.65	H
10500.750	45.61	-31.25	37.50	39.36	68.30	22.69	H
15748.850	50.15	-26.62	40.80	35.97	68.30	18.15	V
16973.700	52.78	-24.60	41.15	36.22	68.30	15.52	V
17046.300	52.94	-24.64	41.01	36.58	68.30	15.36	V

Channel 114

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)
5464.143	63.58	-24.53	34.17	53.94	68.30	4.72	V
5725.675	63.75	-23.96	34.35	53.36	68.30	4.55	V
11140.400	46.27	-31.05	37.64	39.67	68.30	22.03	V
16709.700	50.25	-25.24	41.48	34.01	68.30	18.06	H
17038.600	52.45	-24.64	41.02	36.06	68.30	15.86	V
17415.350	52.40	-24.13	40.68	35.85	68.30	15.90	V

Conclusion: PASS
Note:

1. The spurious emission above 18G is noise only.
2. All emissions below 30MHz are more than 20 dB below the limit

A.7. AC Powerline Conducted Emission (150kHz- 30MHz)

Summary

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section

Method of Measurement:

See Clause 6.2 of ANSI C63.10 specifically.

See Clause 4 and Clause 5 of ANSI C63.10 generally.

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

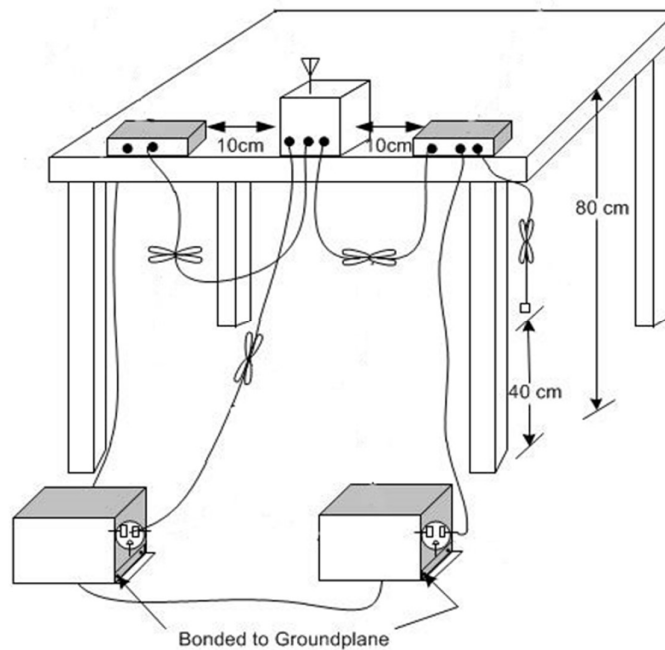
The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/IF bandwidth
0.15-30	9kHz

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Test setup



Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.65	Fig.66	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 (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.65	Fig.66	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:

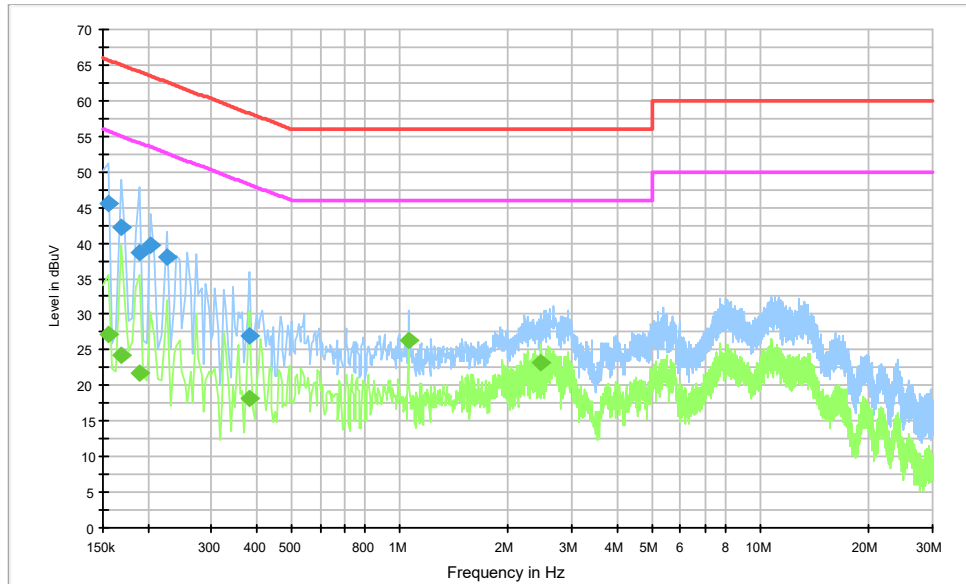


Fig.65 Conducted Emission (802.11a, Ch40, TX)

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154500	45.6	2000.	9.000	Off	N	19.7	20.1
0.168000	42.2	2000.	9.000	Off	N	19.7	22.9
0.190500	38.7	2000.	9.000	Off	L1	19.7	25.3
0.204000	39.6	2000.	9.000	Off	N	19.7	23.8
0.226500	38.1	2000.	9.000	Off	N	19.7	24.5
0.384000	26.9	2000.	9.000	Off	N	19.6	31.3

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154500	27.3	2000.0	9.000	Off	N	19.7	28.5
0.168000	24.2	2000.0	9.000	Off	N	19.7	30.9
0.190500	21.8	2000.0	9.000	Off	N	19.7	32.2
0.384000	18.1	2000.0	9.000	Off	N	19.6	30.1
1.059000	26.4	2000.0	9.000	Off	N	19.7	19.6
2.467500	23.1	2000.0	9.000	Off	L1	19.7	22.9