

A.5.2 Test setup

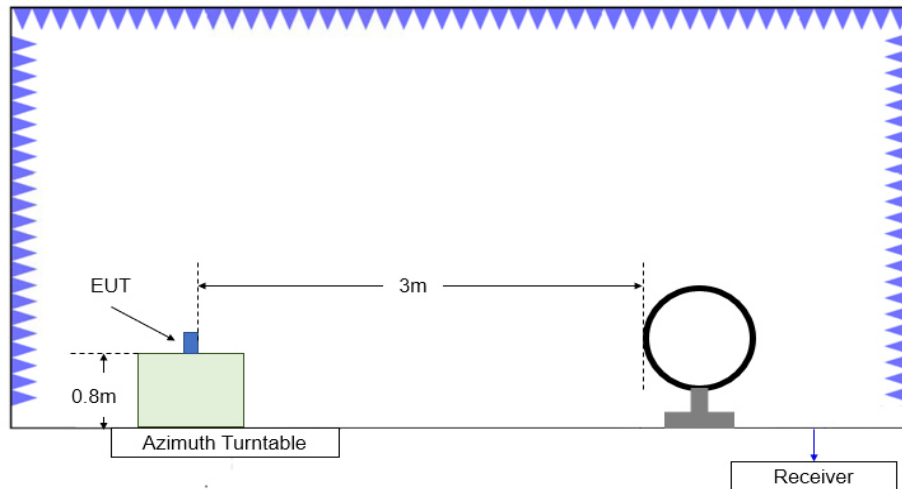


Figure A.5.1. Test Site Diagram (9kHz-30MHz)

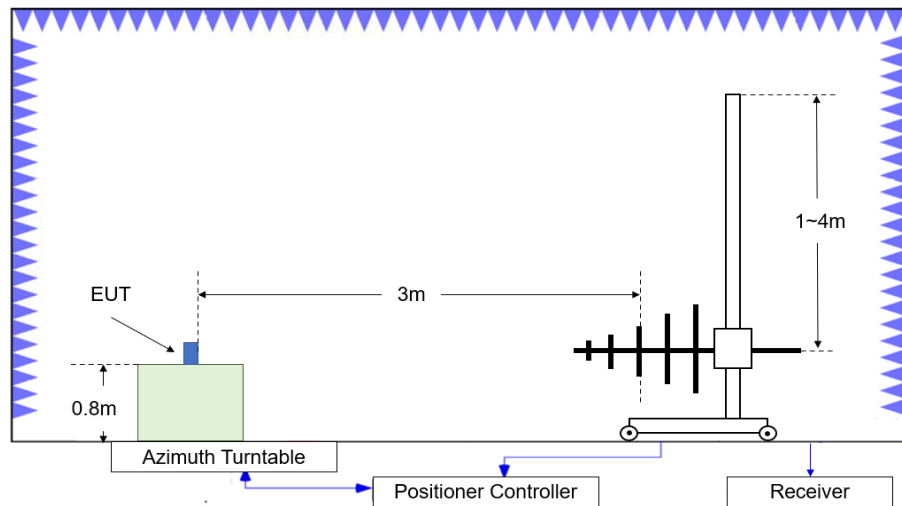


Figure A.5.2. Test Site Diagram (30MHz-1GHz)

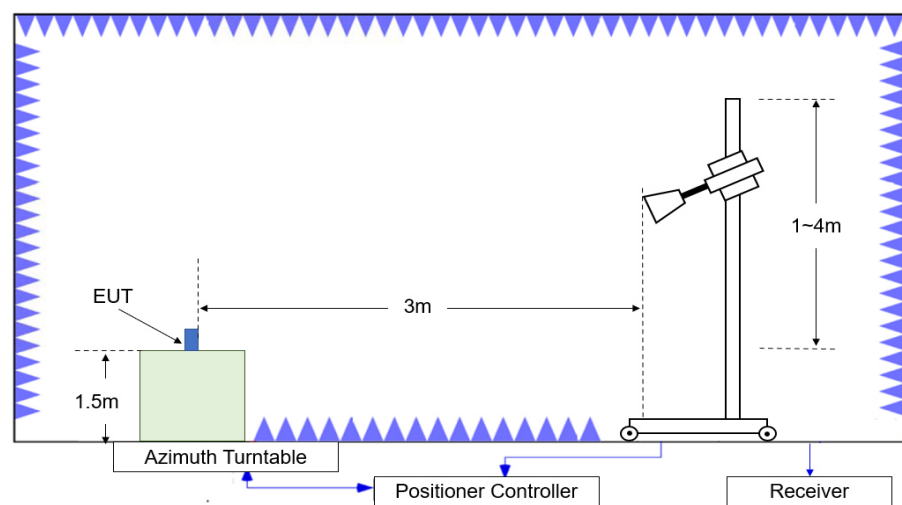


Figure A.5.3. Test Site Diagram (1GHz-40GHz)

A.5.3 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

A.5.4 Calculation

1. The measurement results reported below is calculated by:

Measurement Results (dB μ V/m) = $P_{\text{measurement}}$ (dB μ V) + Cable Loss(dB) + 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. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept.
5. EUT in each of three orthogonal axis emissions had been tested out only the worst case (axis data) recorded in the report.
6. Measurement frequencies were performed from 9 kHz to the 10th harmonic of highest fundamental frequency or 40GHz, whichever is lower.
7. No spurious emissions were detected within 20dB of the limit below 30MHz. OFS and semi-chamber comparison testing had been performed and the result came out very similar. (KDB 414788)

Measurement Results:
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)
17992.850	44.40	-29.59	45.95	28.04	54.00	9.60	H
17975.250	44.11	-29.59	45.95	27.75	54.00	9.89	V
14490.450	36.76	-29.56	41.90	24.42	54.00	17.24	V
14486.600	36.66	-29.56	41.90	24.32	54.00	17.34	V
5149.380	53.63	-28.00	34.00	47.63	54.00	0.37	H
5149.220	53.46	-28.00	34.00	47.46	54.00	0.54	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)
17968.100	44.09	-29.59	45.95	27.73	54.00	9.91	V
17996.150	44.06	-29.59	45.95	27.70	54.00	9.94	V
14494.850	36.52	-29.56	41.90	24.18	54.00	17.48	V
14492.100	36.50	-29.56	41.90	24.16	54.00	17.50	V
11783.350	33.36	-32.09	39.20	26.25	54.00	20.64	V
11844.400	33.33	-32.73	39.15	26.91	54.00	20.67	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)
17971.400	44.14	-29.59	45.95	27.78	54.00	9.86	H
17998.350	44.05	-29.59	45.95	27.69	54.00	9.95	V
14482.200	36.50	-29.56	41.90	24.16	54.00	17.50	H
14488.250	36.44	-29.56	41.90	24.10	54.00	17.56	V
11897.750	33.70	-32.53	39.10	27.13	54.00	20.30	V
11818.550	33.39	-32.09	39.20	26.28	54.00	20.61	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)
17984.050	44.31	-29.59	45.95	27.95	54.00	9.69	H
17998.350	44.04	-29.59	45.95	27.68	54.00	9.96	V
14498.700	36.98	-29.56	41.90	24.64	54.00	17.02	H
14481.100	36.86	-29.56	41.90	24.52	54.00	17.14	V
11866.950	33.72	-32.73	39.15	27.30	54.00	20.28	V
11868.050	33.62	-32.73	39.15	27.20	54.00	20.38	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)
17996.700	44.17	-29.59	45.95	27.81	54.00	9.83	H
17982.400	44.16	-29.59	45.95	27.80	54.00	9.84	H
14483.850	37.12	-29.56	41.90	24.78	54.00	16.88	V
14492.650	36.86	-29.56	41.90	24.52	54.00	17.14	V
11878.500	33.93	-32.73	39.15	27.51	54.00	20.07	V
11893.900	33.68	-32.53	39.10	27.11	54.00	20.32	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)
17961.500	44.14	-29.59	45.95	27.78	54.00	9.86	H
17991.200	44.08	-29.59	45.95	27.72	54.00	9.92	H
10642.100	41.60	-33.58	38.30	36.88	54.00	12.40	V
10639.350	40.75	-33.58	38.30	36.03	54.00	13.25	V
5350.688	52.26	-27.82	34.20	45.88	54.00	1.74	H
5350.560	51.43	-27.82	34.20	45.05	54.00	2.57	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)
17976.350	45.19	-29.59	45.95	28.83	54.00	8.81	V
17975.800	44.62	-29.59	45.95	28.26	54.00	9.38	H
10998.500	37.85	-33.10	38.60	32.35	54.00	16.15	V
14487.150	37.84	-29.56	41.90	25.50	54.00	16.16	V
5457.895	43.70	-27.49	34.20	36.99	54.00	10.30	H
5459.095	43.69	-27.49	34.20	36.98	54.00	10.31	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17987.350	44.42	-29.59	45.95	28.06	54.00	9.58	H
17998.350	44.39	-29.59	45.95	28.03	54.00	9.61	V
14480.000	37.62	-29.56	41.90	25.28	54.00	16.38	V
14474.500	37.51	-29.56	41.90	25.17	54.00	16.49	V
11855.400	35.09	-32.73	39.15	28.67	54.00	18.91	V
11198.700	34.82	-32.42	38.60	28.64	54.00	19.18	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)
17989.550	44.66	-29.59	45.95	28.30	54.00	9.34	H
17990.650	44.46	-29.59	45.95	28.10	54.00	9.54	V
14486.600	37.83	-29.56	41.90	25.49	54.00	16.17	V
14497.600	37.73	-29.56	41.90	25.39	54.00	16.27	V
11401.100	35.17	-32.58	39.00	28.75	54.00	18.83	V
11855.400	34.81	-32.73	39.15	28.39	54.00	19.19	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)
17997.250	44.52	-29.59	45.95	28.16	54.00	9.48	H
17965.900	44.50	-29.59	45.95	28.14	54.00	9.50	V
14494.850	37.95	-29.56	41.90	25.61	54.00	16.05	V
14476.700	37.78	-29.56	41.90	25.44	54.00	16.22	V
11440.150	35.56	-33.09	39.05	29.60	54.00	18.44	V
11436.850	34.93	-33.09	39.05	28.97	54.00	19.07	V

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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)
17994.500	44.12	-29.59	45.95	27.76	54.00	9.88	H
17998.350	44.00	-29.59	45.95	27.64	54.00	10.00	H
14478.900	36.70	-29.56	41.90	24.36	54.00	17.30	H
14499.250	36.61	-29.56	41.90	24.27	54.00	17.39	H
5149.280	49.05	-28.00	34.00	43.05	54.00	4.95	H
5148.940	48.79	-28.00	34.00	42.79	54.00	5.21	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)
17980.200	43.93	-29.59	45.95	27.57	54.00	10.07	V
17990.100	43.86	-29.59	45.95	27.50	54.00	10.14	H
14476.150	36.80	-29.56	41.90	24.46	54.00	17.20	V
14485.500	36.56	-29.56	41.90	24.22	54.00	17.44	V
11832.850	33.39	-32.73	39.15	26.97	54.00	20.61	V
11835.600	33.36	-32.73	39.15	26.94	54.00	20.64	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)
17974.150	43.85	-29.59	45.95	27.49	54.00	10.15	V
17994.500	43.84	-29.59	45.95	27.48	54.00	10.16	H
14496.500	36.65	-29.56	41.90	24.31	54.00	17.35	H
14477.800	36.46	-29.56	41.90	24.12	54.00	17.54	V
11875.750	33.47	-32.73	39.15	27.05	54.00	20.53	V
11900.500	33.41	-32.53	39.10	26.84	54.00	20.59	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)
17958.750	44.20	-29.59	45.95	27.84	54.00	9.80	V
17979.100	44.17	-29.59	45.95	27.81	54.00	9.83	H
14497.050	37.00	-29.56	41.90	24.66	54.00	17.00	V
14487.700	36.84	-29.56	41.90	24.50	54.00	17.16	H
11873.550	33.80	-32.73	39.15	27.38	54.00	20.20	V
11868.050	33.74	-32.73	39.15	27.32	54.00	20.26	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)
17973.050	44.31	-29.59	45.95	27.95	54.00	9.69	H
17992.850	44.05	-29.59	45.95	27.69	54.00	9.95	H
14490.450	36.98	-29.56	41.90	24.64	54.00	17.02	H
14478.350	36.90	-29.56	41.90	24.56	54.00	17.10	V
11888.950	33.88	-32.53	39.10	27.31	54.00	20.12	V
11820.200	33.82	-32.09	39.20	26.71	54.00	20.18	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)
17984.050	44.34	-29.59	45.95	27.98	54.00	9.66	H
17986.800	44.19	-29.59	45.95	27.83	54.00	9.81	V
10638.800	41.41	-33.58	38.30	36.69	54.00	12.59	V
10639.350	41.29	-33.58	38.30	36.57	54.00	12.71	V
5350.352	49.35	-27.82	34.20	42.97	54.00	4.65	H
5350.048	49.12	-27.82	34.20	42.74	54.00	4.88	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)
17989.550	44.58	-29.59	45.95	28.22	54.00	9.42	V
17965.350	44.52	-29.59	45.95	28.16	54.00	9.48	V
14491.000	37.71	-29.56	41.90	25.37	54.00	16.29	V
14494.850	37.64	-29.56	41.90	25.30	54.00	16.36	V
5458.105	42.33	-27.49	34.20	35.62	54.00	11.67	H
5457.820	42.09	-27.49	34.20	35.38	54.00	11.91	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.400	44.66	-29.59	45.95	28.30	54.00	9.34	V
17997.250	44.52	-29.59	45.95	28.16	54.00	9.48	V
14495.950	38.03	-29.56	41.90	25.69	54.00	15.97	V
14487.150	37.72	-29.56	41.90	25.38	54.00	16.28	V
11863.650	34.96	-32.73	39.15	28.54	54.00	19.04	V
11785.550	34.72	-32.09	39.20	27.61	54.00	19.28	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)
17993.950	44.45	-29.59	45.95	28.09	54.00	9.55	V
17996.150	44.38	-29.59	45.95	28.02	54.00	9.62	V
14478.900	37.60	-29.56	41.90	25.26	54.00	16.40	V
14495.950	37.57	-29.56	41.90	25.23	54.00	16.43	V
11401.650	35.04	-32.58	39.00	28.62	54.00	18.96	V
11400.000	34.73	-32.58	39.00	28.31	54.00	19.27	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)
17995.050	44.68	-29.59	45.95	28.32	54.00	9.32	V
17998.900	44.60	-29.59	45.95	28.24	54.00	9.40	V
14495.950	37.62	-29.56	41.90	25.28	54.00	16.38	V
14488.250	37.61	-29.56	41.90	25.27	54.00	16.39	H
11872.450	35.26	-32.73	39.15	28.84	54.00	18.74	V
11439.050	34.92	-33.09	39.05	28.96	54.00	19.08	V

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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)
17974.700	44.16	-29.59	45.95	27.80	54.00	9.84	H
17993.950	44.04	-29.59	45.95	27.68	54.00	9.96	H
14470.100	36.74	-29.56	41.90	24.40	54.00	17.26	V
14475.600	36.73	-29.56	41.90	24.39	54.00	17.27	V
5147.680	52.82	-27.79	34.00	46.61	54.00	1.18	H
5149.200	52.75	-28.00	34.00	46.75	54.00	1.25	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)
17998.350	44.42	-29.59	45.95	28.06	54.00	9.58	V
17965.350	44.35	-29.59	45.95	27.99	54.00	9.65	H
14471.200	37.20	-29.56	41.90	24.86	54.00	16.80	V
14495.400	36.81	-29.56	41.90	24.47	54.00	17.19	V
11902.700	33.70	-32.53	39.10	27.13	54.00	20.30	H
11890.050	33.65	-32.53	39.10	27.08	54.00	20.35	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)
17984.050	44.23	-29.59	45.95	27.87	54.00	9.77	V
17953.250	44.09	-29.59	45.95	27.73	54.00	9.91	V
14494.850	37.12	-29.56	41.90	24.78	54.00	16.88	H
14489.350	36.97	-29.56	41.90	24.63	54.00	17.03	V
11787.200	34.41	-32.09	39.20	27.30	54.00	19.59	V
11847.150	34.05	-32.73	39.15	27.63	54.00	19.95	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)
17973.600	44.32	-29.59	45.95	27.96	54.00	9.68	H
17985.700	44.12	-29.59	45.95	27.76	54.00	9.88	V
10612.400	38.38	-33.58	38.30	33.66	54.00	15.62	V
10611.850	38.19	-33.58	38.30	33.47	54.00	15.81	V
5350.656	50.48	-27.82	34.20	44.10	54.00	3.52	H
5350.352	50.23	-27.82	34.20	43.85	54.00	3.77	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)
17995.600	44.67	-29.59	45.95	28.31	54.00	9.33	H
17962.050	44.62	-29.59	45.95	28.26	54.00	9.38	V
14485.500	37.93	-29.56	41.90	25.59	54.00	16.07	V
14488.250	37.72	-29.56	41.90	25.38	54.00	16.28	V
5459.695	42.62	-27.49	34.20	35.91	54.00	11.38	H
5457.535	42.39	-27.49	34.20	35.68	54.00	11.61	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)
17998.900	44.86	-29.59	45.95	28.50	54.00	9.14	V
17921.350	44.71	-29.59	45.95	28.35	54.00	9.29	V
14492.650	37.65	-29.56	41.90	25.31	54.00	16.35	V
14494.850	37.55	-29.56	41.90	25.21	54.00	16.45	V
11888.950	34.81	-32.53	39.10	28.24	54.00	19.19	V
11837.800	34.73	-32.73	39.15	28.31	54.00	19.27	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)
17993.400	44.89	-29.59	45.95	28.53	54.00	9.11	V
17953.800	44.47	-29.59	45.95	28.11	54.00	9.53	V
14483.300	37.80	-29.56	41.90	25.46	54.00	16.20	V
14484.950	37.58	-29.56	41.90	25.24	54.00	16.42	V
11870.250	34.77	-32.73	39.15	28.35	54.00	19.23	V
11848.800	34.71	-32.73	39.15	28.29	54.00	19.29	V

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.050	44.50	-29.59	45.95	28.14	54.00	9.50	V
17942.800	44.46	-29.59	45.95	28.10	54.00	9.54	V
14486.050	37.78	-29.56	41.90	25.44	54.00	16.22	V
14488.250	37.57	-29.56	41.90	25.23	54.00	16.43	H
11864.200	34.90	-32.73	39.15	28.48	54.00	19.10	V
11834.500	34.83	-32.73	39.15	28.41	54.00	19.17	V

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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)
17992.850	44.22	-29.59	45.95	27.86	54.00	9.78	V
17970.300	43.85	-29.59	45.95	27.49	54.00	10.15	H
14499.800	36.91	-29.56	41.90	24.57	54.00	17.09	H
14477.800	36.76	-29.56	41.90	24.42	54.00	17.24	H
5149.960	45.02	-28.00	34.00	39.02	54.00	8.98	H
5148.040	44.36	-27.79	34.00	38.15	54.00	9.64	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)
17976.350	43.98	-29.59	45.95	27.62	54.00	10.02	H
17997.800	43.72	-29.59	45.95	27.36	54.00	10.28	H
14481.100	36.51	-29.56	41.90	24.17	54.00	17.49	V
14485.500	36.48	-29.56	41.90	24.14	54.00	17.52	H
11873.000	33.60	-32.73	39.15	27.18	54.00	20.40	H
11890.600	33.33	-32.53	39.10	26.76	54.00	20.67	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)
17988.450	44.18	-29.59	45.95	27.82	54.00	9.82	V
17987.350	44.05	-29.59	45.95	27.69	54.00	9.95	H
14497.050	36.62	-29.56	41.90	24.28	54.00	17.38	V
14489.900	36.54	-29.56	41.90	24.20	54.00	17.46	H
11866.400	33.64	-32.73	39.15	27.22	54.00	20.36	V
11904.900	33.45	-32.53	39.10	26.88	54.00	20.55	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)
17997.800	44.35	-29.59	45.95	27.99	54.00	9.65	V
17948.850	44.05	-29.59	45.95	27.69	54.00	9.95	H
14491.000	37.09	-29.56	41.90	24.75	54.00	16.91	V
14488.250	36.94	-29.56	41.90	24.60	54.00	17.06	V
11858.150	34.36	-32.73	39.15	27.94	54.00	19.64	V
11862.000	34.00	-32.73	39.15	27.58	54.00	20.00	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)
17960.400	44.19	-29.59	45.95	27.83	54.00	9.81	H
17973.600	44.08	-29.59	45.95	27.72	54.00	9.92	H
14486.050	37.06	-29.56	41.90	24.72	54.00	16.94	H
14484.950	36.96	-29.56	41.90	24.62	54.00	17.04	V
11890.600	34.08	-32.53	39.10	27.51	54.00	19.92	V
11892.800	33.87	-32.53	39.10	27.30	54.00	20.13	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)
17997.800	44.19	-29.59	45.95	27.83	54.00	9.81	V
17992.850	44.17	-29.59	45.95	27.81	54.00	9.83	V
10638.250	39.36	-33.58	38.30	34.64	54.00	14.64	V
10641.000	39.20	-33.58	38.30	34.48	54.00	14.80	V
5350.320	44.95	-27.82	34.20	38.57	54.00	9.05	H
5350.000	44.72	-27.82	34.20	38.34	54.00	9.28	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)
17997.250	44.56	-29.59	45.95	28.20	54.00	9.44	H
17987.900	44.46	-29.59	45.95	28.10	54.00	9.54	H
14492.650	37.78	-29.56	41.90	25.44	54.00	16.22	H
14473.400	37.74	-29.56	41.90	25.40	54.00	16.26	V
5459.440	45.82	-27.49	34.20	39.11	54.00	8.18	H
5458.855	45.71	-27.49	34.20	39.00	54.00	8.29	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.750	44.69	-29.59	45.95	28.33	54.00	9.31	H
17993.400	44.65	-29.59	45.95	28.29	54.00	9.35	V
14497.050	37.55	-29.56	41.90	25.21	54.00	16.45	V
14493.750	37.52	-29.56	41.90	25.18	54.00	16.48	H
11203.650	34.96	-32.42	38.60	28.78	54.00	19.04	V
11838.900	34.87	-32.73	39.15	28.45	54.00	19.13	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)
17998.900	44.64	-29.59	45.95	28.28	54.00	9.36	H
17981.300	44.59	-29.59	45.95	28.23	54.00	9.41	V
14483.850	37.71	-29.56	41.90	25.37	54.00	16.29	H
14491.000	37.59	-29.56	41.90	25.25	54.00	16.41	V
11400.000	35.28	-32.58	39.00	28.86	54.00	18.72	V
11397.800	35.27	-32.58	39.00	28.85	54.00	18.73	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)
17995.600	44.55	-29.59	45.95	28.19	54.00	9.45	V
17998.900	44.49	-29.59	45.95	28.13	54.00	9.51	H
14498.700	37.74	-29.56	41.90	25.40	54.00	16.26	V
14481.650	37.64	-29.56	41.90	25.30	54.00	16.36	H
11439.050	35.22	-33.09	39.05	29.26	54.00	18.78	V
11908.200	34.88	-32.53	39.10	28.31	54.00	19.12	H

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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)
17973.600	44.10	-29.59	45.95	27.74	54.00	9.90	V
17979.650	44.03	-29.59	45.95	27.67	54.00	9.97	H
14492.650	36.81	-29.56	41.90	24.47	54.00	17.19	V
14495.400	36.75	-29.56	41.90	24.41	54.00	17.25	H
5149.660	47.35	-28.00	34.00	41.35	54.00	6.65	H
5149.520	47.33	-28.00	34.00	41.33	54.00	6.67	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)
17991.200	44.27	-29.59	45.95	27.91	54.00	9.73	V
17990.100	44.11	-29.59	45.95	27.75	54.00	9.89	H
14472.850	36.82	-29.56	41.90	24.48	54.00	17.18	V
14477.250	36.79	-29.56	41.90	24.45	54.00	17.21	V
11868.600	33.89	-32.73	39.15	27.47	54.00	20.11	V
11880.150	33.78	-32.73	39.15	27.36	54.00	20.22	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)
17996.700	44.26	-29.59	45.95	27.90	54.00	9.74	H
17995.050	44.13	-29.59	45.95	27.77	54.00	9.87	H
14482.200	37.23	-29.56	41.90	24.89	54.00	16.77	H
14493.750	36.90	-29.56	41.90	24.56	54.00	17.10	V
11767.400	34.02	-32.71	39.20	27.53	54.00	19.98	V
11787.750	34.02	-32.09	39.20	26.91	54.00	19.98	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)
17970.850	44.23	-29.59	45.95	27.87	54.00	9.77	H
17993.400	44.22	-29.59	45.95	27.86	54.00	9.78	V
14488.250	37.13	-29.56	41.90	24.79	54.00	16.87	H
14498.150	37.13	-29.56	41.90	24.79	54.00	16.87	V
5352.144	46.75	-27.82	34.20	40.37	54.00	7.25	H
5357.264	46.72	-27.82	34.20	40.34	54.00	7.28	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)
17998.900	44.71	-29.59	45.95	28.35	54.00	9.29	V
17996.700	44.46	-29.59	45.95	28.10	54.00	9.54	V
14498.150	37.87	-29.56	41.90	25.53	54.00	16.13	V
14487.150	37.77	-29.56	41.90	25.43	54.00	16.23	H
5458.030	48.56	-27.49	34.20	41.85	54.00	5.44	H
5459.095	48.53	-27.49	34.20	41.82	54.00	5.47	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)
17998.900	45.29	-29.59	45.95	28.93	54.00	8.71	H
17992.300	44.52	-29.59	45.95	28.16	54.00	9.48	H
14489.350	37.74	-29.56	41.90	25.40	54.00	16.26	V
14491.550	37.65	-29.56	41.90	25.31	54.00	16.35	V
11877.950	34.85	-32.73	39.15	28.43	54.00	19.15	V
11823.500	34.82	-32.09	39.20	27.71	54.00	19.18	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)
17996.700	44.69	-29.59	45.95	28.33	54.00	9.31	V
17991.750	44.39	-29.59	45.95	28.03	54.00	9.61	H
14483.300	37.91	-29.56	41.90	25.57	54.00	16.09	V
14492.650	37.84	-29.56	41.90	25.50	54.00	16.16	V
11887.300	34.89	-32.53	39.10	28.32	54.00	19.11	V
11908.750	34.87	-32.53	39.10	28.30	54.00	19.13	V

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17968.100	44.61	-29.59	45.95	28.25	54.00	9.39	V
17978.000	44.58	-29.59	45.95	28.22	54.00	9.42	H
14481.100	37.77	-29.56	41.90	25.43	54.00	16.23	V
14497.600	37.69	-29.56	41.90	25.35	54.00	16.31	H
11994.550	34.89	-32.66	39.00	28.55	54.00	19.11	V
11887.850	34.88	-32.53	39.10	28.31	54.00	19.12	V

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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)
17970.850	44.61	-29.59	45.95	28.25	54.00	9.39	V
17954.900	44.24	-29.59	45.95	27.88	54.00	9.76	V
14484.400	37.03	-29.56	41.90	24.69	54.00	16.97	H
14482.750	37.01	-29.56	41.90	24.67	54.00	16.99	H
5149.360	47.95	-28.00	34.00	41.95	54.00	6.05	H
5145.600	47.81	-27.79	34.00	41.60	54.00	6.19	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)
17985.150	44.29	-29.59	45.95	27.93	54.00	9.71	V
17990.100	44.28	-29.59	45.95	27.92	54.00	9.72	H
14489.350	37.09	-29.56	41.90	24.75	54.00	16.91	V
14492.100	37.06	-29.56	41.90	24.72	54.00	16.94	V
5350.208	48.48	-27.82	34.20	42.10	54.00	5.52	H
5350.256	48.13	-27.82	34.20	41.75	54.00	5.87	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)
17962.600	44.84	-29.59	45.95	28.48	54.00	9.16	H
17993.950	44.76	-29.59	45.95	28.40	54.00	9.24	V
14489.900	37.87	-29.56	41.90	25.53	54.00	16.13	H
14499.250	37.83	-29.56	41.90	25.49	54.00	16.17	H
5458.825	44.54	-27.49	34.20	37.83	54.00	9.46	H
5454.355	44.27	-27.49	34.20	37.56	54.00	9.73	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)
17993.400	44.49	-29.59	45.95	28.13	54.00	9.51	H
17991.750	44.47	-29.59	45.95	28.11	54.00	9.53	V
14482.200	37.82	-29.56	41.90	25.48	54.00	16.18	V
14472.300	37.70	-29.56	41.90	25.36	54.00	16.30	V
11870.250	35.21	-32.73	39.15	28.79	54.00	18.79	V
11887.850	34.88	-32.53	39.10	28.31	54.00	19.12	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)
17992.300	45.09	-29.59	45.95	28.73	54.00	8.91	V
17941.700	44.77	-29.59	45.95	28.41	54.00	9.23	V
14493.750	37.95	-29.56	41.90	25.61	54.00	16.05	H
14492.650	37.64	-29.56	41.90	25.30	54.00	16.36	V
11858.150	35.16	-32.73	39.15	28.74	54.00	18.84	V
11876.850	34.79	-32.73	39.15	28.37	54.00	19.21	V

PEAK Results:
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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)
17985.700	54.66	-29.59	45.95	38.30	74.00	19.34	V
17953.800	54.60	-29.59	45.95	38.24	74.00	19.40	V
10361.050	49.96	-33.64	38.10	45.50	68.20	18.24	V
10357.750	49.94	-33.64	38.10	45.48	68.20	18.26	V
5149.680	70.50	-28.00	34.00	64.50	74.00	3.50	H
5149.240	69.55	-28.00	34.00	63.55	74.00	4.45	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)
17947.200	54.85	-29.59	45.95	38.49	74.00	19.15	V
17965.900	54.81	-29.59	45.95	38.45	74.00	19.19	V
10397.350	50.64	-33.66	38.20	46.10	68.20	17.56	V
10401.200	50.45	-33.66	38.20	45.91	68.20	17.75	V
14186.850	49.09	-30.42	41.70	37.81	68.20	19.11	V
13580.200	48.49	-31.27	40.80	38.96	68.20	19.71	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)
17962.050	54.72	-29.59	45.95	38.36	74.00	19.28	H
17990.100	54.44	-29.59	45.95	38.08	74.00	19.56	H
10481.500	51.34	-33.87	38.20	47.01	68.20	16.86	V
10475.450	51.19	-33.87	38.20	46.86	68.20	17.01	V
13746.850	48.85	-31.18	41.10	38.93	68.20	19.35	H
14612.550	48.38	-30.67	41.70	37.35	68.20	19.82	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)
17991.200	55.14	-29.59	45.95	38.78	74.00	18.86	H
17987.900	54.92	-29.59	45.95	38.56	74.00	19.08	H
10521.650	51.08	-33.31	38.20	46.19	68.20	17.12	V
10518.900	50.92	-33.31	38.20	46.03	68.20	17.28	V
14179.150	48.72	-30.42	41.70	37.44	68.20	19.48	H
14575.150	48.72	-29.14	41.90	35.96	68.20	19.48	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)
17990.650	55.07	-29.59	45.95	38.71	74.00	18.93	H
17953.800	54.77	-29.59	45.95	38.41	74.00	19.23	H
10562.350	50.82	-33.72	38.25	46.29	68.20	17.38	V
10561.250	50.29	-33.72	38.25	45.76	68.20	17.91	V
14099.950	49.13	-30.20	41.70	37.63	68.20	19.07	V
14583.950	49.13	-29.14	41.90	36.37	68.20	19.07	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)
17954.900	55.47	-29.59	45.95	39.11	74.00	18.53	H
17996.700	55.43	-29.59	45.95	39.07	74.00	18.57	H
10638.250	50.41	-33.58	38.30	45.69	74.00	23.59	V
10638.800	50.18	-33.58	38.30	45.46	74.00	23.82	V
5350.976	69.30	-27.82	34.20	62.92	74.00	4.70	H
5359.184	69.29	-27.82	34.20	62.91	74.00	4.71	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)
17977.450	55.48	-29.59	45.95	39.12	74.00	18.52	H
17980.750	55.48	-29.59	45.95	39.12	74.00	18.52	H
14583.950	49.80	-29.14	41.90	37.04	68.20	18.40	H
14716.500	49.77	-30.13	41.35	38.55	68.20	18.43	V
5459.095	61.52	-27.49	34.20	54.81	74.00	12.48	H
5468.275	66.22	-27.49	34.20	59.51	68.20	1.98	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17960.400	56.02	-29.59	45.95	39.66	74.00	17.98	V
17971.400	55.36	-29.59	45.95	39.00	74.00	18.64	H
14169.250	49.74	-30.42	41.70	38.46	68.20	18.46	V
14598.250	49.69	-29.14	41.90	36.93	68.20	18.51	V
11892.800	46.43	-32.53	39.10	39.86	74.00	27.57	V
11893.900	45.88	-32.53	39.10	39.31	74.00	28.12	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)
17967.550	55.31	-29.59	45.95	38.95	74.00	18.69	H
17966.450	55.20	-29.59	45.95	38.84	74.00	18.80	V
14565.250	50.06	-29.14	41.90	37.30	68.20	18.14	H
14092.800	49.90	-30.20	41.70	38.40	68.20	18.30	V
5728.068	65.51	-27.47	34.10	58.88	68.20	2.69	H
5725.618	64.78	-27.47	34.10	58.15	68.20	3.42	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)
17998.900	56.15	-29.59	45.95	39.79	74.00	17.85	H
17979.100	55.85	-29.59	45.95	39.49	74.00	18.15	H
14518.500	49.69	-30.55	41.90	38.34	68.20	18.51	V
14576.250	49.61	-29.14	41.90	36.85	68.20	18.59	V
11845.500	46.37	-32.73	39.15	39.95	74.00	27.63	H
11859.800	46.13	-32.73	39.15	39.71	74.00	27.87	V

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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)
17980.750	54.57	-29.59	45.95	38.21	74.00	19.43	H
17985.700	54.53	-29.59	45.95	38.17	74.00	19.47	H
10359.950	50.58	-33.64	38.10	46.12	68.20	17.62	V
10357.200	49.57	-33.64	38.10	45.11	68.20	18.63	V
5147.760	66.21	-27.79	34.00	60.00	74.00	7.79	H
5149.820	65.73	-28.00	34.00	59.73	74.00	8.27	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)
17927.400	55.16	-29.59	45.95	38.80	74.00	18.84	H
17991.200	54.93	-29.59	45.95	38.57	74.00	19.07	V
14565.800	50.01	-29.14	41.90	37.25	68.20	18.19	V
10399.550	49.48	-33.66	38.20	44.94	68.20	18.72	V
10400.650	49.43	-33.66	38.20	44.89	68.20	18.77	V
14175.850	48.58	-30.42	41.70	37.30	68.20	19.62	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)
17989.550	54.56	-29.59	45.95	38.20	74.00	19.44	H
17950.500	54.54	-29.59	45.95	38.18	74.00	19.46	V
14555.900	48.78	-29.14	41.90	36.02	68.20	19.42	V
14210.500	48.49	-30.75	41.75	37.49	68.20	19.71	H
10481.500	48.27	-33.87	38.20	43.94	68.20	19.93	V
10475.450	48.20	-33.87	38.20	43.87	68.20	20.00	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)
17995.050	54.83	-29.59	45.95	38.47	74.00	19.17	V
17972.500	54.66	-29.59	45.95	38.30	74.00	19.34	H
10527.700	49.07	-33.31	38.20	44.18	68.20	19.13	V
10520.550	48.97	-33.31	38.20	44.08	68.20	19.23	V
14411.800	48.95	-30.03	41.90	37.08	68.20	19.25	H
14564.150	48.79	-29.14	41.90	36.03	68.20	19.41	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)
17929.050	54.89	-29.59	45.95	38.53	74.00	19.11	V
17938.400	54.71	-29.59	45.95	38.35	74.00	19.29	H
10560.700	50.33	-33.72	38.25	45.80	68.20	17.87	V
10560.150	50.29	-33.72	38.25	45.76	68.20	17.91	V
14518.500	49.11	-30.55	41.90	37.76	68.20	19.09	H
14081.250	48.86	-30.20	41.70	37.36	68.20	19.34	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)
17991.200	54.97	-29.59	45.95	38.61	74.00	19.03	V
17954.900	54.94	-29.59	45.95	38.58	74.00	19.06	H
10638.800	52.30	-33.58	38.30	47.58	74.00	21.70	V
10642.100	50.52	-33.58	38.30	45.80	74.00	23.48	V
5350.640	68.96	-27.82	34.20	62.58	74.00	5.04	H
5352.464	68.48	-27.82	34.20	62.10	74.00	5.52	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)
17970.850	56.05	-29.59	45.95	39.69	74.00	17.95	V
17959.300	55.39	-29.59	45.95	39.03	74.00	18.61	V
14580.650	50.28	-29.14	41.90	37.52	68.20	17.92	V
14189.050	50.21	-30.42	41.70	38.93	68.20	17.99	V
5456.965	58.51	-27.49	34.20	51.80	74.00	15.49	H
5470.000	65.42	-27.49	34.20	58.71	68.20	2.78	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17974.150	55.28	-29.59	45.95	38.92	74.00	18.72	V
17924.650	55.23	-29.59	45.95	38.87	74.00	18.77	H
14588.900	50.20	-29.14	41.90	37.44	68.20	18.00	H
14207.750	49.79	-30.42	41.70	38.51	68.20	18.41	V
11832.850	46.04	-32.73	39.15	39.62	74.00	27.96	V
11298.800	45.87	-32.41	38.70	39.58	74.00	28.13	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)
17971.400	55.45	-29.59	45.95	39.09	74.00	18.55	H
17964.800	55.33	-29.59	45.95	38.97	74.00	18.67	V
14103.250	49.29	-30.20	41.70	37.79	68.20	18.91	V
14113.700	49.22	-30.93	41.70	38.44	68.20	18.98	V
5725.425	67.02	-27.47	34.10	60.39	68.20	1.18	H
5725.898	66.79	-27.47	34.10	60.16	68.20	1.41	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)
17968.100	55.46	-29.59	45.95	39.10	74.00	18.54	V
17946.100	55.41	-29.59	45.95	39.05	74.00	18.59	V
14098.850	50.07	-30.20	41.70	38.57	68.20	18.13	V
14669.750	50.04	-30.04	41.50	38.58	68.20	18.16	V
11313.100	46.17	-32.41	38.70	39.88	74.00	27.83	V
11833.950	46.00	-32.73	39.15	39.58	74.00	28.00	H

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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)
17993.950	54.67	-29.59	45.95	38.31	74.00	19.33	H
17974.700	54.56	-29.59	45.95	38.20	74.00	19.44	H
14691.200	48.80	-30.04	41.50	37.34	68.20	19.40	H
14560.300	48.56	-29.14	41.90	35.80	68.20	19.64	V
5149.740	71.62	-28.00	34.00	65.62	74.00	2.38	H
5147.780	70.45	-27.79	34.00	64.24	74.00	3.55	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)
17991.750	56.01	-29.59	45.95	39.65	74.00	17.99	V
17985.150	55.03	-29.59	45.95	38.67	74.00	18.97	H
14187.400	49.10	-30.42	41.70	37.82	68.20	19.10	V
14595.500	48.73	-29.14	41.90	35.97	68.20	19.47	H
10455.650	47.72	-33.87	38.20	43.39	68.20	20.48	V
10450.150	47.46	-33.87	38.20	43.13	68.20	20.74	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)
17963.700	55.45	-29.59	45.95	39.09	74.00	18.55	H
17968.650	55.42	-29.59	45.95	39.06	74.00	18.58	H
14575.700	49.79	-29.14	41.90	37.03	68.20	18.41	V
10540.350	48.91	-33.31	38.20	44.02	68.20	19.29	V
14191.250	48.87	-30.42	41.70	37.59	68.20	19.33	V
10536.500	47.80	-33.31	38.20	42.91	68.20	20.40	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)
17969.200	55.91	-29.59	45.95	39.55	74.00	18.09	H
17922.450	54.88	-29.59	45.95	38.52	74.00	19.12	H
14517.400	49.18	-30.55	41.90	37.83	68.20	19.02	V
14200.600	48.79	-30.42	41.70	37.51	68.20	19.41	H
5353.200	69.71	-27.82	34.20	63.33	74.00	4.29	H
5350.736	69.15	-27.82	34.20	62.77	74.00	4.85	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)
17978.000	55.52	-29.59	45.95	39.16	74.00	18.48	V
17931.250	55.18	-29.59	45.95	38.82	74.00	18.82	H
14560.300	50.01	-29.14	41.90	37.25	68.20	18.19	H
14236.350	49.52	-30.75	41.75	38.52	68.20	18.68	V
5441.830	58.79	-27.94	34.30	52.43	74.00	15.21	H
5469.985	66.95	-27.49	34.20	60.24	68.20	1.25	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)
17997.800	55.41	-29.59	45.95	39.05	74.00	18.59	V
17936.200	55.15	-29.59	45.95	38.79	74.00	18.85	V
14208.850	50.02	-30.75	41.75	39.02	68.20	18.18	V
14572.950	49.50	-29.14	41.90	36.74	68.20	18.70	V
11907.100	45.92	-32.53	39.10	39.35	74.00	28.08	V
11898.300	45.68	-32.53	39.10	39.11	74.00	28.32	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)
17990.100	55.77	-29.59	45.95	39.41	74.00	18.23	V
17974.150	55.45	-29.59	45.95	39.09	74.00	18.55	V
14581.750	50.64	-29.14	41.90	37.88	68.20	17.56	V
14191.800	50.15	-30.42	41.70	38.87	68.20	18.05	V
5725.425	65.92	-27.47	34.10	59.29	68.20	2.28	H
5725.285	65.73	-27.47	34.10	59.10	68.20	2.47	H

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17974.700	55.44	-29.59	45.95	39.08	74.00	18.56	V
17952.700	55.18	-29.59	45.95	38.82	74.00	18.82	H
14486.600	49.76	-29.56	41.90	37.42	74.00	24.24	H
14126.900	49.72	-30.93	41.70	38.94	68.20	18.48	H
11914.800	46.06	-32.53	39.10	39.49	74.00	27.94	V
11422.550	45.76	-32.58	39.00	39.34	74.00	28.24	V

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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)
17981.850	55.62	-29.59	45.95	39.26	74.00	18.38	H
17943.350	54.73	-29.59	45.95	38.37	74.00	19.27	V
10357.750	50.95	-33.64	38.10	46.49	68.20	17.25	V
10358.300	49.05	-33.64	38.10	44.59	68.20	19.15	V
5149.140	62.82	-28.00	34.00	56.82	74.00	11.18	H
5149.320	62.25	-28.00	34.00	56.25	74.00	11.75	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)
17995.600	54.94	-29.59	45.95	38.58	74.00	19.06	H
17952.700	54.75	-29.59	45.95	38.39	74.00	19.25	H
10397.900	49.16	-33.66	38.20	44.62	68.20	19.04	V
10397.350	48.63	-33.66	38.20	44.09	68.20	19.57	V
14583.400	48.57	-29.14	41.90	35.81	68.20	19.63	V
14562.500	48.44	-29.14	41.90	35.68	68.20	19.76	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)
17940.600	54.90	-29.59	45.95	38.54	74.00	19.10	V
17993.950	54.79	-29.59	45.95	38.43	74.00	19.21	V
14689.550	49.10	-30.04	41.50	37.64	68.20	19.10	H
14591.100	48.90	-29.14	41.90	36.14	68.20	19.30	V
10484.250	48.24	-33.87	38.20	43.91	68.20	19.96	V
10476.550	47.77	-33.87	38.20	43.44	68.20	20.43	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)
17951.600	55.53	-29.59	45.95	39.17	74.00	18.47	V
17957.650	54.78	-29.59	45.95	38.42	74.00	19.22	H
10516.700	49.63	-33.31	38.20	44.74	68.20	18.57	V
14107.100	48.63	-30.20	41.70	37.13	68.20	19.57	H
14528.950	48.62	-30.55	41.90	37.27	68.20	19.58	V
10518.900	48.16	-33.31	38.20	43.27	68.20	20.04	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)
17993.950	55.26	-29.59	45.95	38.90	74.00	18.74	H
17975.800	55.18	-29.59	45.95	38.82	74.00	18.82	V
10561.250	49.19	-33.72	38.25	44.66	68.20	19.01	V
14082.350	48.98	-30.20	41.70	37.48	68.20	19.22	H
14191.800	48.88	-30.42	41.70	37.60	68.20	19.32	V
10559.050	48.34	-33.72	38.25	43.81	68.20	19.86	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)
17962.600	54.67	-29.59	45.95	38.31	74.00	19.33	H
17936.200	54.65	-29.59	45.95	38.29	74.00	19.35	V
10642.650	49.82	-33.58	38.30	45.10	74.00	24.18	V
14097.200	49.47	-30.20	41.70	37.97	68.20	18.73	V
5350.832	63.39	-27.82	34.20	57.01	74.00	10.61	V
5352.544	61.93	-27.82	34.20	55.55	74.00	12.07	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)
17984.050	55.72	-29.59	45.95	39.36	74.00	18.28	H
17975.250	55.25	-29.59	45.95	38.89	74.00	18.75	V
14571.300	50.20	-29.14	41.90	37.44	68.20	18.00	H
14563.050	49.71	-29.14	41.90	36.95	68.20	18.49	V
5458.030	62.24	-27.49	34.20	55.53	74.00	11.76	H
5468.740	66.15	-27.49	34.20	59.44	68.20	2.05	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17978.000	57.12	-29.59	45.95	40.76	74.00	16.88	V
17973.600	55.76	-29.59	45.95	39.40	74.00	18.24	V
14586.700	49.38	-29.14	41.90	36.62	68.20	18.82	H
14593.300	49.30	-29.14	41.90	36.54	68.20	18.90	V
11221.250	45.92	-32.42	38.60	39.74	74.00	28.08	V
11221.800	45.72	-32.42	38.60	39.54	74.00	28.28	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)
17997.250	55.96	-29.59	45.95	39.60	74.00	18.04	H
17976.900	55.19	-29.59	45.95	38.83	74.00	18.81	V
14589.450	49.95	-29.14	41.90	37.19	68.20	18.25	V
14579.000	49.48	-29.14	41.90	36.72	68.20	18.72	V
5726.300	67.63	-27.47	34.10	61.00	68.20	0.57	H
5725.425	66.64	-27.47	34.10	60.01	68.20	1.56	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)
17991.200	56.07	-29.59	45.95	39.71	74.00	17.93	V
17978.550	55.16	-29.59	45.95	38.80	74.00	18.84	V
14593.300	50.13	-29.14	41.90	37.37	68.20	18.07	H
14603.200	49.73	-29.14	41.90	36.97	68.20	18.47	H
9197.800	45.68	-34.47	37.70	42.45	74.00	28.32	H
11877.950	45.59	-32.73	39.15	39.17	74.00	28.41	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)
17989.550	54.82	-29.59	45.95	38.46	74.00	19.18	H
17971.950	54.79	-29.59	45.95	38.43	74.00	19.21	V
14181.900	49.07	-30.42	41.70	37.79	68.20	19.13	H
14593.850	48.98	-29.14	41.90	36.22	68.20	19.22	H
5149.300	64.78	-28.00	34.00	58.78	74.00	9.22	H
5148.460	63.99	-27.79	34.00	57.78	74.00	10.01	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)
17968.650	54.81	-29.59	45.95	38.45	74.00	19.19	V
17989.550	54.68	-29.59	45.95	38.32	74.00	19.32	H
14547.650	49.22	-30.55	41.90	37.87	68.20	18.98	V
14560.850	48.86	-29.14	41.90	36.10	68.20	19.34	H
10454.000	45.41	-33.87	38.20	41.08	68.20	22.79	V
10460.050	45.16	-33.87	38.20	40.83	68.20	23.04	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)
17994.500	55.38	-29.59	45.95	39.02	74.00	18.62	V
17985.150	54.91	-29.59	45.95	38.55	74.00	19.09	H
14698.900	49.07	-30.04	41.50	37.61	68.20	19.13	V
14570.750	48.98	-29.14	41.90	36.22	68.20	19.22	H
10542.000	45.89	-33.31	38.20	41.00	68.20	22.31	V
11883.450	44.99	-32.53	39.10	38.42	74.00	29.01	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)
17960.400	55.08	-29.59	45.95	38.72	74.00	18.92	H
17974.700	54.93	-29.59	45.95	38.57	74.00	19.07	H
13713.850	48.92	-31.18	41.10	39.00	68.20	19.28	V
14178.050	48.88	-30.42	41.70	37.60	68.20	19.32	V
5350.032	67.71	-27.82	34.20	61.33	74.00	6.29	H
5350.768	66.34	-27.82	34.20	59.96	74.00	7.66	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)
17944.450	55.78	-29.59	45.95	39.42	74.00	18.22	V
17945.000	55.53	-29.59	45.95	39.17	74.00	18.47	V
14578.450	50.00	-29.14	41.90	37.24	68.20	18.20	V
14742.350	49.82	-30.13	41.35	38.60	68.20	18.38	H
5452.390	65.42	-27.49	34.20	58.71	74.00	8.58	H
5469.160	67.81	-27.49	34.20	61.10	68.20	0.39	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)
17997.250	55.99	-29.59	45.95	39.63	74.00	18.01	V
17960.400	55.08	-29.59	45.95	38.72	74.00	18.92	V
14534.450	49.61	-30.55	41.90	38.26	68.20	18.59	V
14138.450	49.56	-30.93	41.70	38.78	68.20	18.64	V
11819.100	45.85	-32.09	39.20	38.74	74.00	28.15	V
11906.000	45.79	-32.53	39.10	39.22	74.00	28.21	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)
17985.700	55.51	-29.59	45.95	39.15	74.00	18.49	H
17993.950	55.34	-29.59	45.95	38.98	74.00	18.66	H
14194.550	50.20	-30.42	41.70	38.92	68.20	18.00	V
14674.700	49.53	-30.04	41.50	38.07	68.20	18.67	H
5725.460	59.16	-27.47	34.10	52.53	68.20	9.04	H
5725.110	58.40	-27.47	34.10	51.77	68.20	9.80	H

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17996.700	56.08	-29.59	45.95	39.72	74.00	17.92	V
17982.950	55.36	-29.59	45.95	39.00	74.00	18.64	V
14503.650	50.08	-29.56	41.90	37.74	68.20	18.12	V
14521.800	49.94	-30.55	41.90	38.59	68.20	18.26	H
11819.100	46.38	-32.09	39.20	39.27	74.00	27.62	V
11716.800	45.61	-32.70	39.20	39.11	74.00	28.39	V

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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)
17965.350	56.09	-29.59	45.95	39.73	74.00	17.91	H
17902.100	54.89	-29.59	45.95	38.53	74.00	19.11	H
14594.950	49.89	-29.14	41.90	37.13	68.20	18.31	V
14605.950	49.43	-30.67	41.70	38.40	68.20	18.77	V
5133.180	67.22	-27.79	34.00	61.01	74.00	6.78	H
5148.680	66.15	-28.00	34.00	60.15	74.00	7.85	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)
17989.000	55.23	-29.59	45.95	38.87	74.00	18.77	V
17958.200	54.82	-29.59	45.95	38.46	74.00	19.18	V
14593.300	49.31	-29.14	41.90	36.55	68.20	18.89	V
14123.050	48.99	-30.93	41.70	38.21	68.20	19.21	V
5352.688	66.09	-27.82	34.20	59.71	74.00	7.91	H
5369.552	65.58	-27.82	34.20	59.20	74.00	8.42	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)
17997.800	56.39	-29.59	45.95	40.03	74.00	17.61	H
17973.050	55.89	-29.59	45.95	39.53	74.00	18.11	H
14194.000	50.42	-30.42	41.70	39.14	68.20	17.78	H
14586.700	50.32	-29.14	41.90	37.56	68.20	17.88	H
5457.925	63.39	-27.49	34.20	56.68	74.00	10.61	H
5468.035	64.96	-27.49	34.20	58.25	68.20	3.24	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)
17968.100	55.44	-29.59	45.95	39.08	74.00	18.56	V
17970.300	55.13	-29.59	45.95	38.77	74.00	18.87	V
14201.150	49.60	-30.42	41.70	38.32	68.20	18.60	V
13743.550	49.46	-31.18	41.10	39.54	68.20	18.74	H
5729.188	57.92	-27.47	34.10	51.29	68.20	10.28	H
5727.438	57.11	-27.47	34.10	50.48	68.20	11.09	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)
17970.300	55.69	-29.59	45.95	39.33	74.00	18.31	H
17959.300	55.44	-29.59	45.95	39.08	74.00	18.56	H
14184.100	49.67	-30.42	41.70	38.39	68.20	18.53	V
14205.000	49.57	-30.42	41.70	38.29	68.20	18.63	V
11903.250	45.82	-32.53	39.10	39.25	74.00	28.18	V
11715.700	45.79	-32.70	39.20	39.29	74.00	28.21	V

Conclusion: PASS

Band edge compliance

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.1	P
	5320 MHz	Fig.2	P
	5500 MHz	Fig.3	P
	5700 MHz	Fig.4	P
802.11n HT20	5180 MHz	Fig.5	P
	5320 MHz	Fig.6	P
	5500 MHz	Fig.7	P
	5700 MHz	Fig.8	P
802.11n HT40	5190 MHz	Fig.9	P
	5310 MHz	Fig.10	P
	5510 MHz	Fig.11	P
	5670 MHz	Fig.12	P
802.11ac HT20	5180 MHz	Fig.13	P
	5320 MHz	Fig.14	P
	5500 MHz	Fig.15	P
	5700 MHz	Fig.16	P
802.11ac HT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P
	5670 MHz	Fig.20	P
802.11ac HT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P
	5610MHz	Fig.24	P

Conclusion: PASS

Test graphs as below:

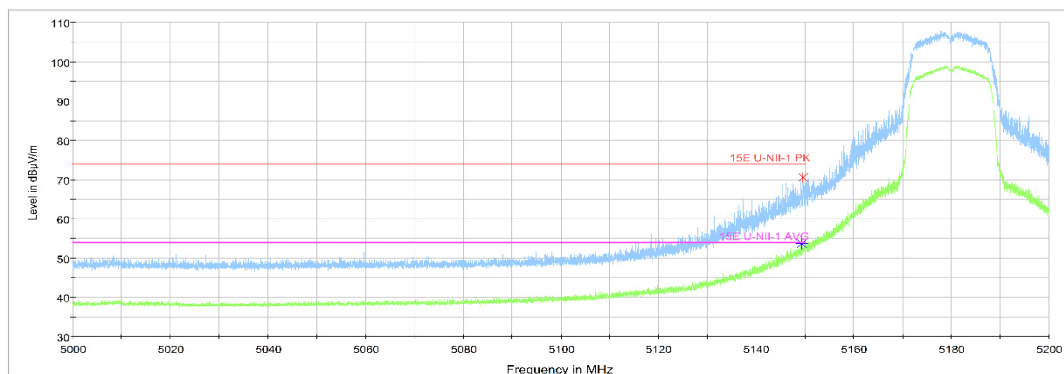


Fig. 1 Band Edges (802.11a Ch36, 5180MHz)

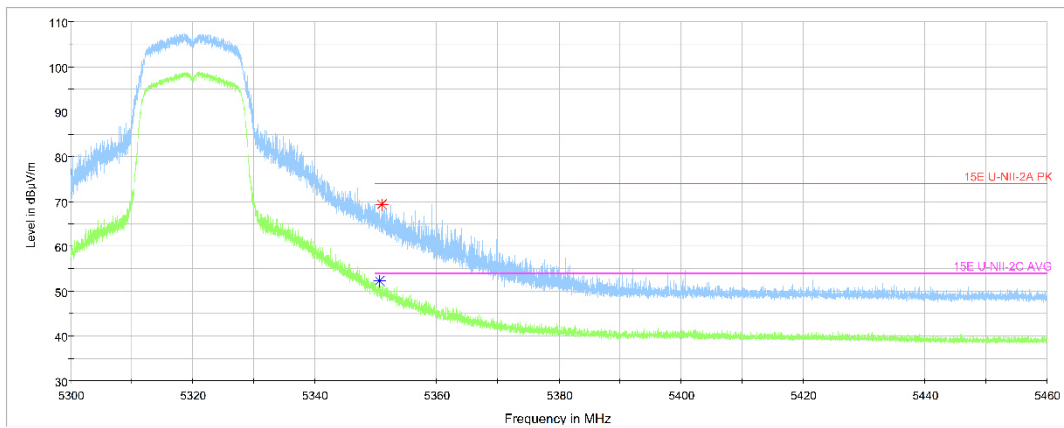


Fig. 2 Band Edges (802.11a Ch64, 5320MHz)

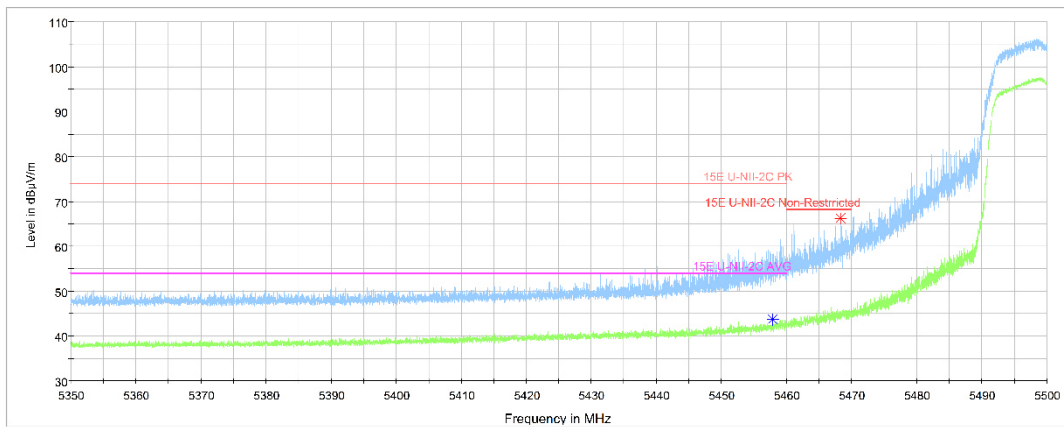


Fig. 3 Band Edges (802.11a Ch100, 5500MHz)

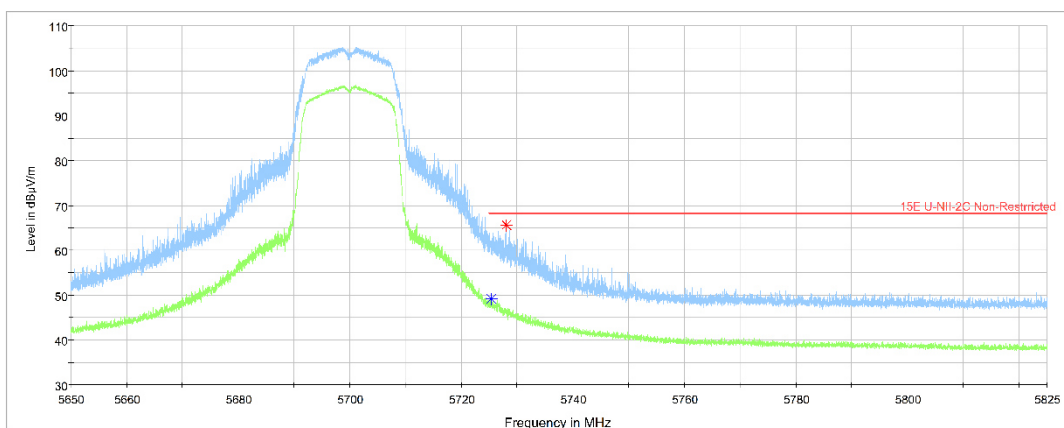


Fig. 4 Band Edges (802.11a Ch140, 5700MHz)

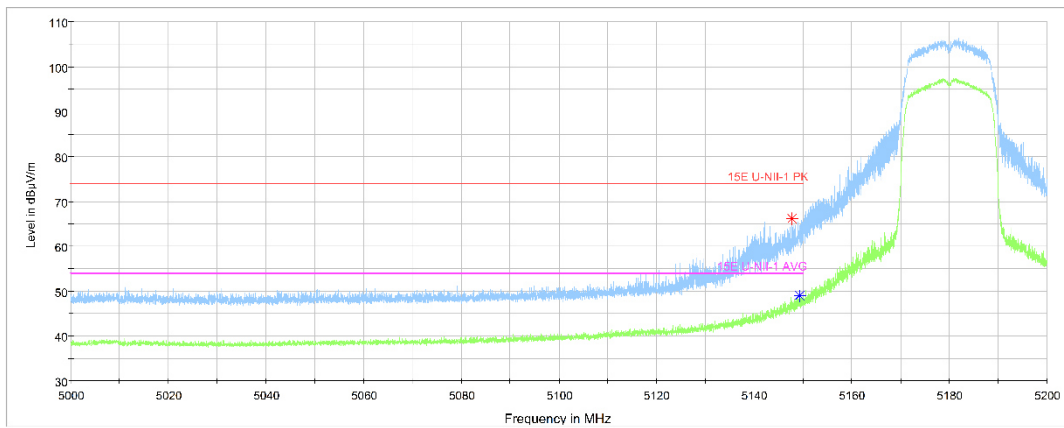


Fig. 5 Band Edges (802.11n-HT20 Ch36, 5180MHz)

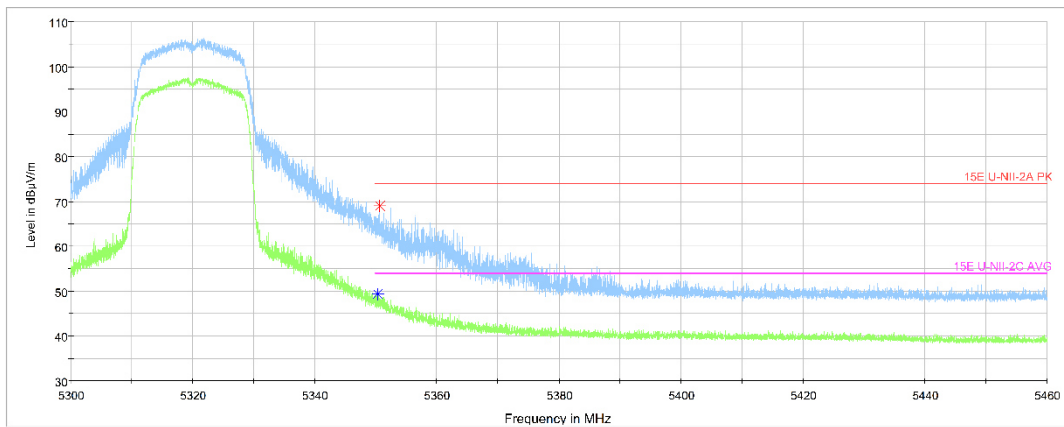


Fig. 6 Band Edges (802.11n-HT20 Ch64, 5320MHz)

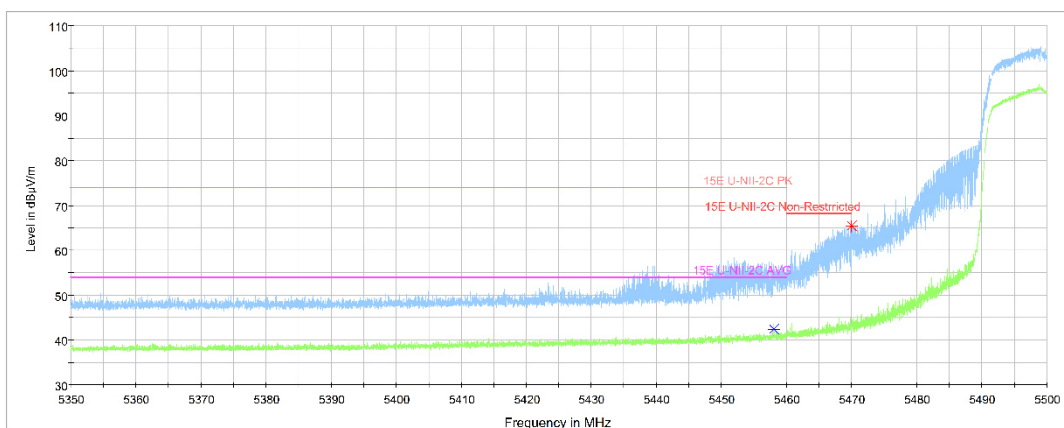


Fig. 7 Band Edges (802.11n-HT20 Ch100, 5500MHz)

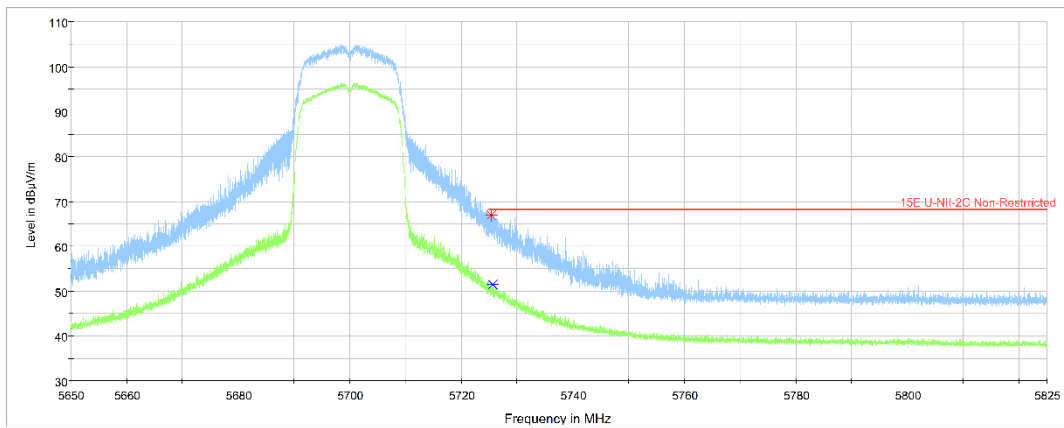


Fig. 8 Band Edges (802.11n-HT20 Ch140, 5700MHz)

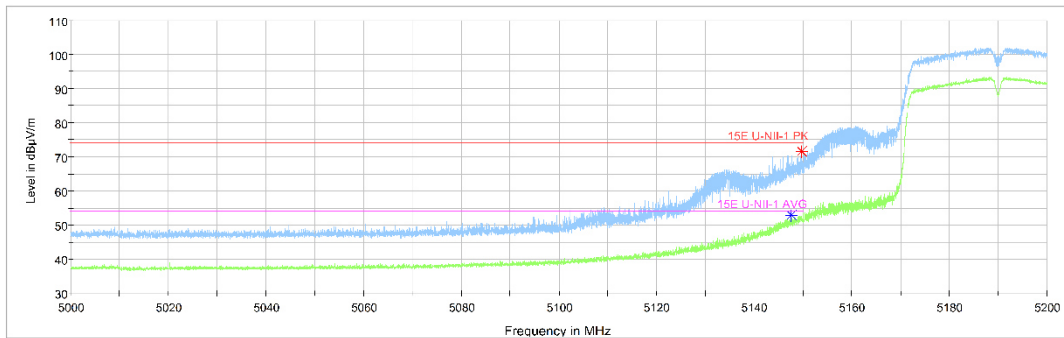


Fig. 9 Band Edges (802.11n-HT40 Ch38, 5190MHz)

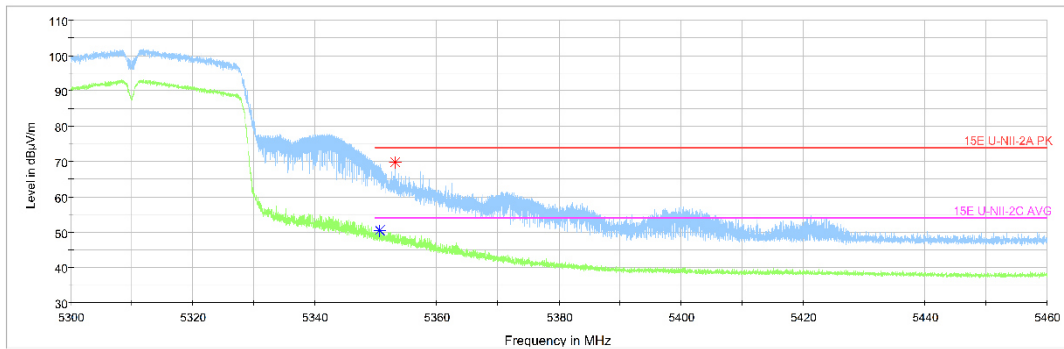


Fig. 10 Band Edges (802.11n-HT40 Ch62, 5310MHz)

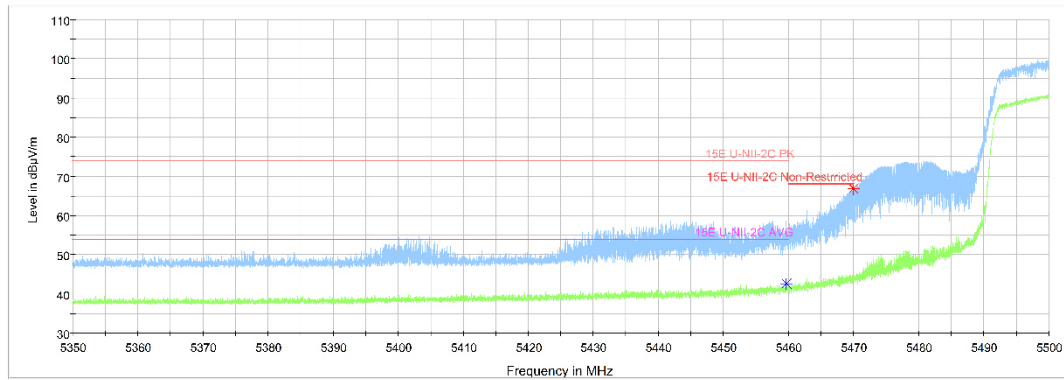


Fig. 11 Band Edges (802.11n-HT40 Ch102, 5510MHz)

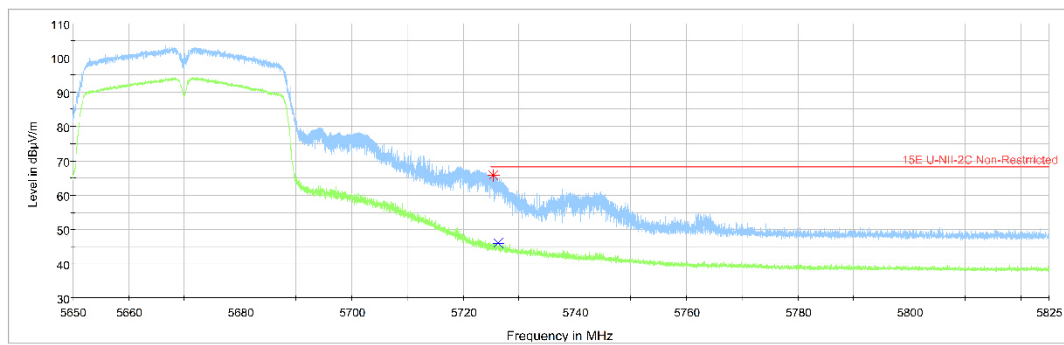


Fig. 12 Band Edges (802.11n-HT40 Ch134, 5670MHz)

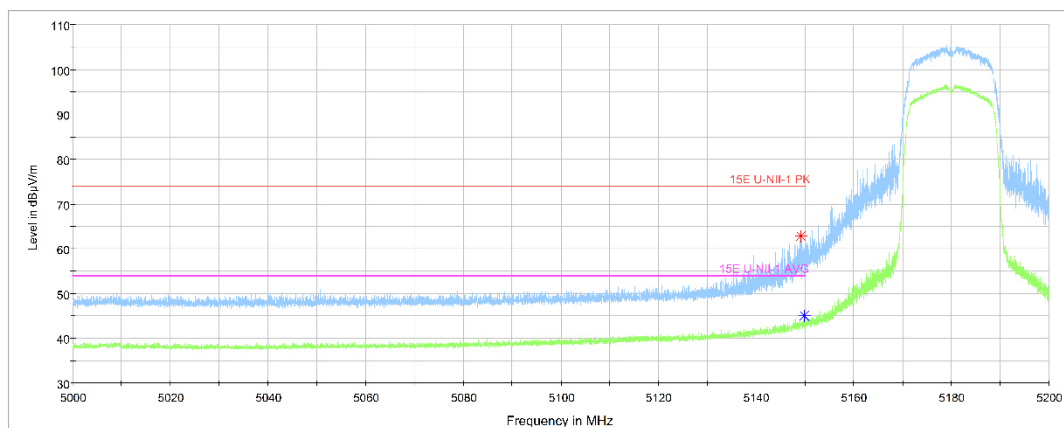


Fig. 13 Band Edges (802.11ac-HT20 Ch36, 5180MHz)

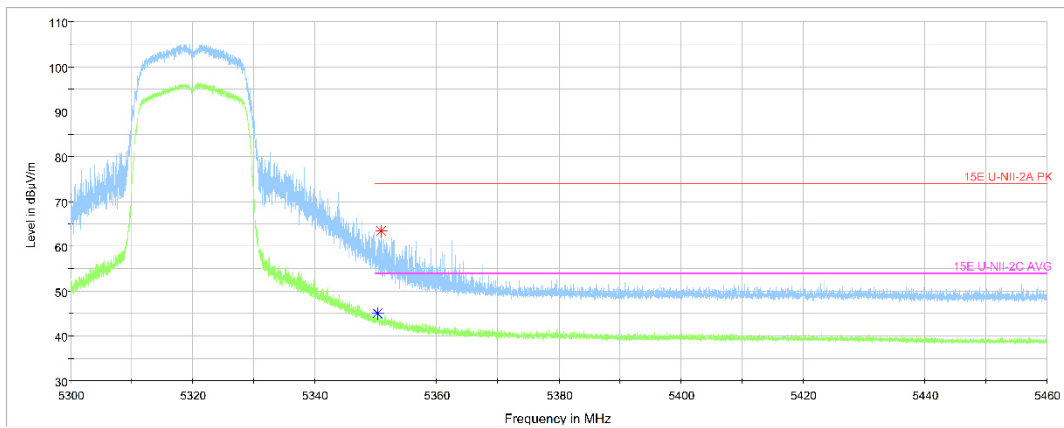


Fig. 14 Band Edges (802.11ac-HT20 Ch64, 5320MHz)

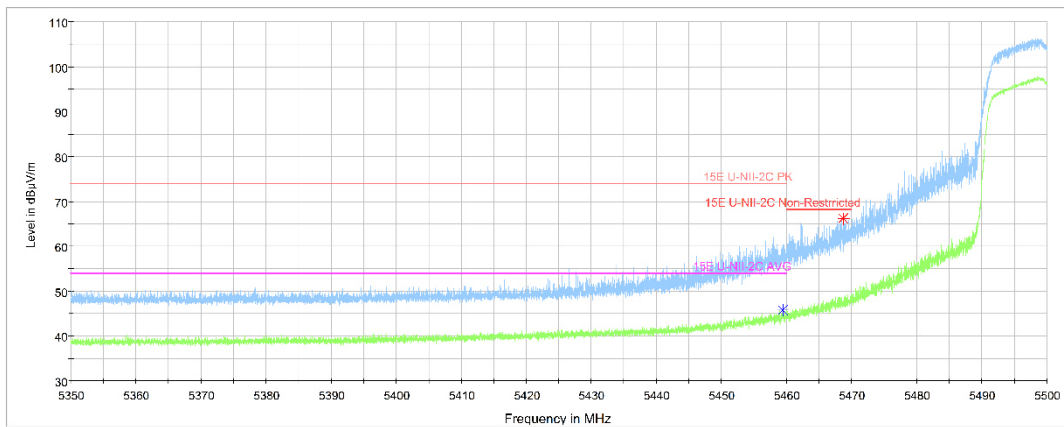


Fig. 15 Band Edges (802.11ac-HT20 Ch100, 5500MHz)

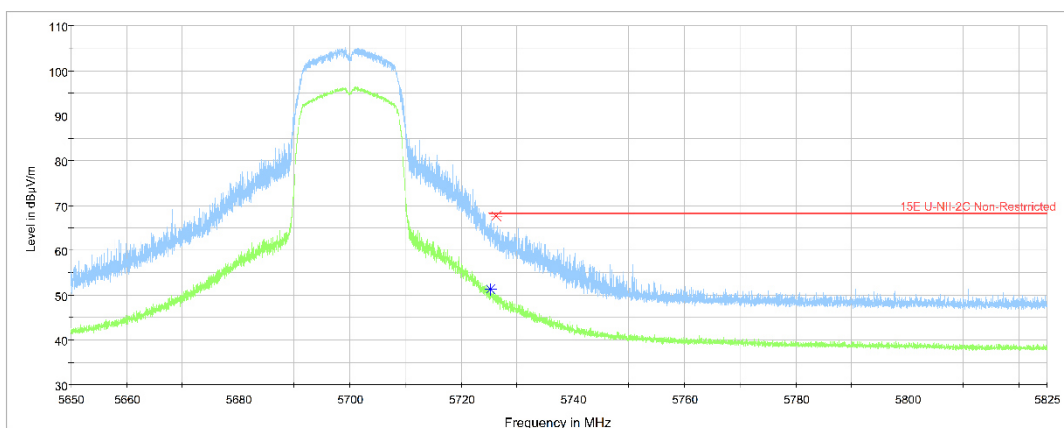


Fig. 16 Band Edges (802.11ac-HT20 Ch140, 5700MHz)

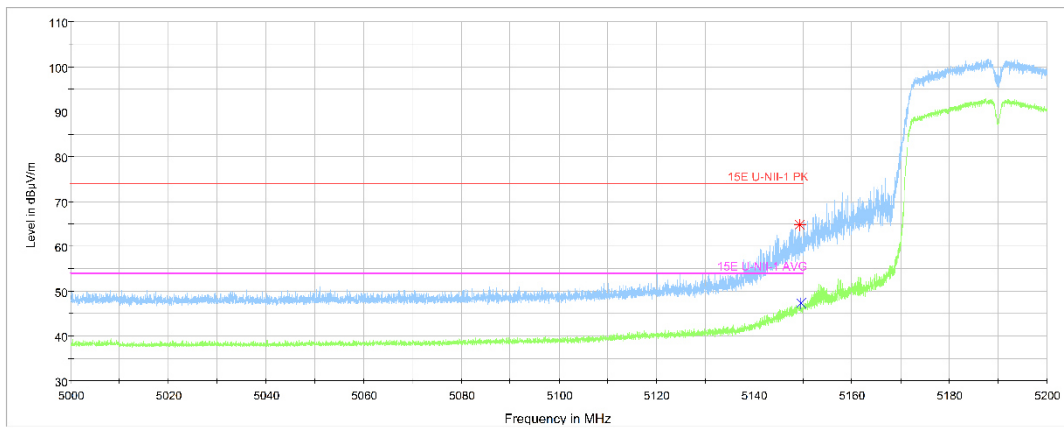


Fig. 17 Band Edges (802.11ac-HT40 Ch38, 5190MHz)

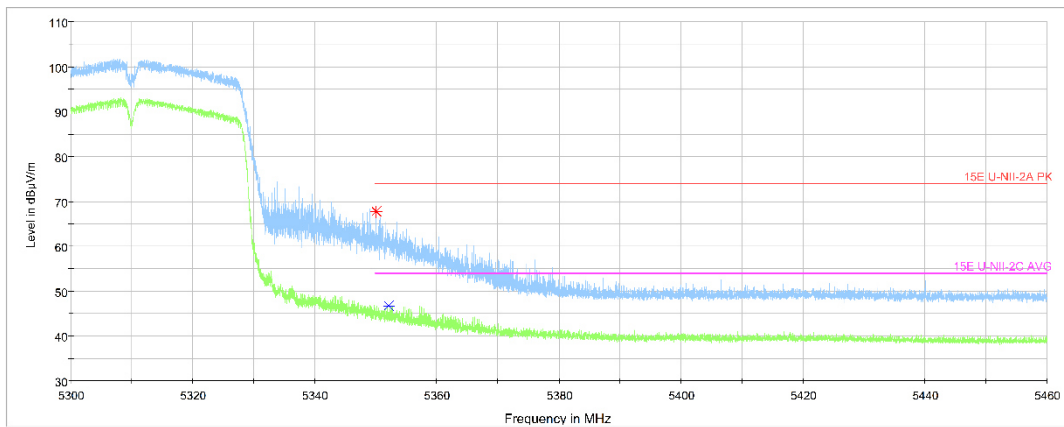


Fig. 18 Band Edges (802.11ac-HT40 Ch62, 5310MHz)

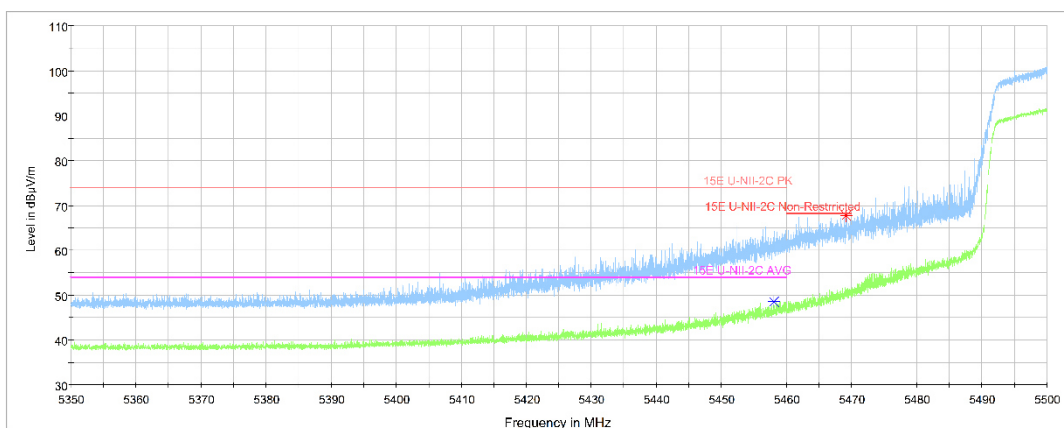


Fig. 19 Band Edges (802.11ac-HT40 Ch102, 5510MHz)

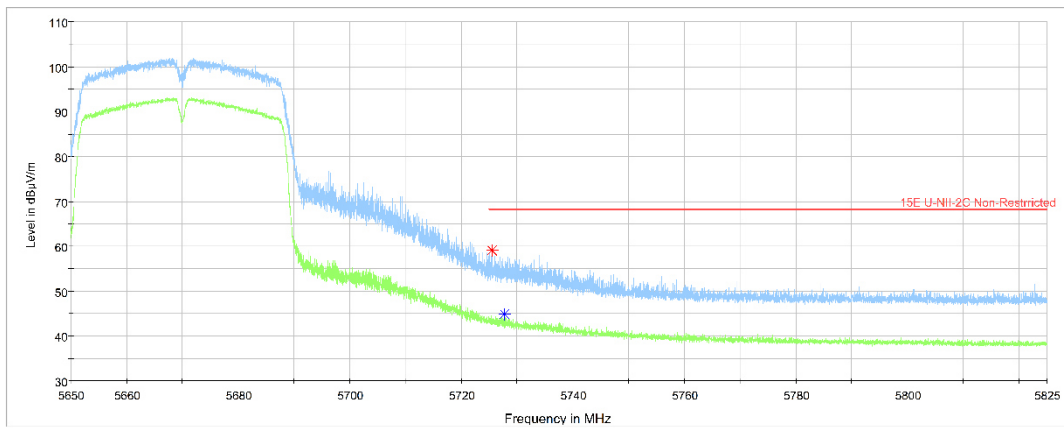


Fig. 20 Band Edges (802.11ac-HT40 Ch134, 5670MHz)

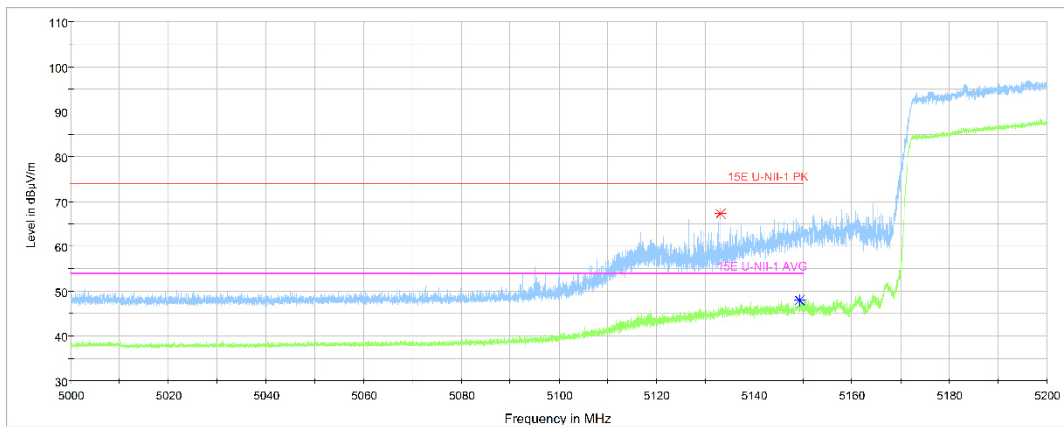


Fig. 21 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)

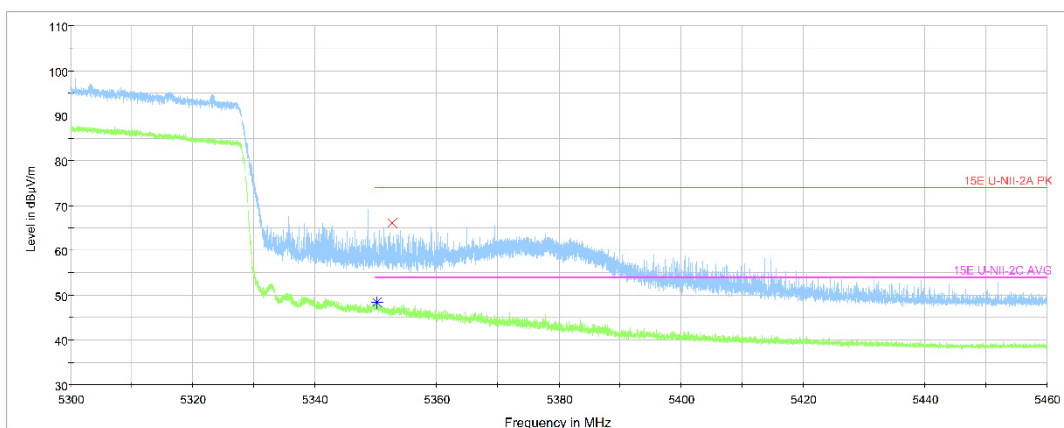


Fig. 22 Band Edges (802.11ac-HT80 Ch58, 5290MHz)