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)
17967.550	40.51	-29.59	45.95	24.15	54.00	13.49	V
17993.950	40.51	-29.59	45.95	24.15	54.00	13.49	V
14495.400	36.07	-29.56	41.90	23.73	54.00	17.93	H
14494.850	35.89	-29.56	41.90	23.55	54.00	18.11	V
10859.900	34.43	-33.07	38.50	29.00	54.00	19.57	V
10870.900	34.29	-33.07	38.50	28.86	54.00	19.71	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)
17987.900	40.50	-29.59	45.95	24.14	54.00	13.50	V
17997.800	40.42	-29.59	45.95	24.06	54.00	13.58	V
13301.900	35.79	-31.40	40.60	26.59	54.00	18.21	V
14487.700	35.65	-29.56	41.90	23.31	54.00	18.35	V
5146.380	38.63	-27.79	34.00	32.42	54.00	15.37	V
5149.400	38.56	-28.00	34.00	32.56	54.00	15.44	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)
17995.600	40.62	-29.59	45.95	24.26	54.00	13.38	V
17987.350	40.56	-29.59	45.95	24.20	54.00	13.44	V
14488.800	35.76	-29.56	41.90	23.42	54.00	18.24	V
14471.750	35.63	-29.56	41.90	23.29	54.00	18.37	V
11398.900	34.07	-32.58	39.00	27.65	54.00	19.93	V
11921.400	33.97	-32.53	39.10	27.40	54.00	20.03	H

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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)
17992.300	40.34	-29.59	45.95	23.98	54.00	13.66	V
17975.250	40.30	-29.59	45.95	23.94	54.00	13.70	V
13306.850	35.80	-31.40	40.60	26.60	54.00	18.20	V
14491.550	35.60	-29.56	41.90	23.26	54.00	18.40	V
11852.650	34.10	-32.73	39.15	27.68	54.00	19.90	V
11827.350	33.97	-32.09	39.20	26.86	54.00	20.03	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)
17994.500	40.62	-29.59	45.95	24.26	54.00	13.38	V
17992.300	40.59	-29.59	45.95	24.23	54.00	13.41	V
14497.600	35.92	-29.56	41.90	23.58	54.00	18.08	V
14495.400	35.91	-29.56	41.90	23.57	54.00	18.09	V
10853.850	34.53	-33.07	38.50	29.10	54.00	19.47	V
11856.500	34.43	-32.73	39.15	28.01	54.00	19.57	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)
17995.050	40.88	-29.59	45.95	24.52	54.00	13.12	H
17990.650	40.63	-29.59	45.95	24.27	54.00	13.37	V
14484.950	35.93	-29.56	41.90	23.59	54.00	18.07	V
14488.800	35.90	-29.56	41.90	23.56	54.00	18.10	V
11937.350	34.35	-32.42	39.05	27.72	54.00	19.65	V
11314.200	34.33	-32.41	38.70	28.04	54.00	19.67	V

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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)
17984.600	39.76	-29.59	45.95	23.40	54.00	14.24	V
17997.800	39.74	-29.59	45.95	23.38	54.00	14.26	H
14489.900	34.23	-29.56	41.90	21.89	54.00	19.77	V
14474.500	34.07	-29.56	41.90	21.73	54.00	19.93	V
5350.144	41.92	-27.82	34.20	35.54	54.00	12.08	V
5350.048	41.47	-27.82	34.20	35.09	54.00	12.53	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)
17985.700	40.54	-29.59	45.95	24.18	54.00	13.46	V
17995.600	40.39	-29.59	45.95	24.03	54.00	13.61	V
13319.500	35.90	-31.19	40.65	26.44	54.00	18.10	V
14484.400	35.84	-29.56	41.90	23.50	54.00	18.16	H
5456.365	37.26	-27.49	34.20	30.55	54.00	16.74	V
5459.140	37.25	-27.49	34.20	30.54	54.00	16.75	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)
17993.40	40.38	-29.59	45.95	24.02	54.00	13.62	V
17994.50	40.37	-29.59	45.95	24.01	54.00	13.63	V
13286.50	35.55	-31.40	40.60	26.35	54.00	18.45	H
13295.30	35.55	-31.40	40.60	26.35	54.00	18.45	V
11902.15	34.67	-32.53	39.10	28.10	54.00	19.33	V
11830.10	34.54	-32.09	39.20	27.43	54.00	19.46	V

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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)
17986.800	40.80	-29.59	45.95	24.44	54.00	13.20	V
17994.500	40.61	-29.59	45.95	24.25	54.00	13.39	H
14487.700	35.87	-29.56	41.90	23.53	54.00	18.13	H
14487.150	35.78	-29.56	41.90	23.44	54.00	18.22	V
10847.800	34.21	-33.07	38.50	28.78	54.00	19.79	V
11851.000	34.21	-32.73	39.15	27.79	54.00	19.79	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)
17989.000	40.72	-29.59	45.95	24.36	54.00	13.28	V
17979.100	40.63	-29.59	45.95	24.27	54.00	13.37	V
13305.200	35.96	-31.40	40.60	26.76	54.00	18.04	V
13304.100	35.72	-31.40	40.60	26.52	54.00	18.28	V
10851.100	34.40	-33.07	38.50	28.97	54.00	19.60	V
11862.550	34.32	-32.73	39.15	27.90	54.00	19.68	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)
17996.150	40.66	-29.59	45.95	24.30	54.00	13.34	H
17991.750	40.51	-29.59	45.95	24.15	54.00	13.49	V
14471.200	35.77	-29.56	41.90	23.43	54.00	18.23	H
14494.850	35.75	-29.56	41.90	23.41	54.00	18.25	V
5148.440	45.46	-27.79	34.00	39.25	54.00	8.54	V
5149.480	44.93	-28.00	34.00	38.93	54.00	9.07	V

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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)
17987.350	40.63	-29.59	45.95	24.27	54.00	13.37	H
17996.700	40.63	-29.59	45.95	24.27	54.00	13.37	V
14497.600	35.87	-29.56	41.90	23.53	54.00	18.13	V
14496.500	35.81	-29.56	41.90	23.47	54.00	18.19	V
10856.600	34.39	-33.07	38.50	28.96	54.00	19.61	V
10852.200	34.34	-33.07	38.50	28.91	54.00	19.66	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)
17966.450	39.72	-29.59	45.95	23.36	54.00	14.28	V
17997.800	39.64	-29.59	45.95	23.28	54.00	14.36	V
14498.150	34.76	-29.56	41.90	22.42	54.00	19.24	V
14484.400	34.71	-29.56	41.90	22.37	54.00	19.29	V
11818.550	33.11	-32.09	39.20	26.00	54.00	20.89	H
11888.950	32.89	-32.53	39.10	26.32	54.00	21.11	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)
17985.700	40.28	-29.59	45.95	23.92	54.00	13.72	H
17990.650	39.59	-29.59	45.95	23.23	54.00	14.41	H
14486.050	34.61	-29.56	41.90	22.27	54.00	19.39	V
14473.400	34.52	-29.56	41.90	22.18	54.00	19.48	V
5350.048	47.32	-27.82	34.20	40.94	54.00	6.68	V
5350.320	46.26	-27.82	34.20	39.88	54.00	7.74	V

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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)
17989.00	40.54	-29.59	45.95	24.18	54.00	13.46	V
17998.90	40.30	-29.59	45.95	23.94	54.00	13.70	V
14482.75	35.75	-29.56	41.90	23.41	54.00	18.25	V
14498.70	35.67	-29.56	41.90	23.33	54.00	18.33	H
5459.70	43.66	-27.49	34.20	36.95	54.00	10.34	V
5459.44	43.40	-27.49	34.20	36.69	54.00	10.60	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)
17997.80	40.35	-29.59	45.95	23.99	54.00	13.65	V
17996.70	40.27	-29.59	45.95	23.91	54.00	13.73	H
14499.25	35.81	-29.56	41.90	23.47	54.00	18.19	V
14495.95	35.79	-29.56	41.90	23.45	54.00	18.21	V
10864.85	34.44	-33.07	38.50	29.01	54.00	19.56	V
10861.55	34.18	-33.07	38.50	28.75	54.00	19.82	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)
17996.15	40.51	-29.59	45.95	24.15	54.00	13.49	H
17998.35	40.41	-29.59	45.95	24.05	54.00	13.59	H
14486.60	35.95	-29.56	41.90	23.61	54.00	18.05	V
13310.70	35.87	-31.40	40.60	26.67	54.00	18.13	V
11873.55	34.78	-32.73	39.15	28.36	54.00	19.22	V
11899.95	34.47	-32.53	39.10	27.90	54.00	19.53	V

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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)
17971.950	40.41	-29.59	45.95	24.05	54.00	13.59	V
17968.650	40.38	-29.59	45.95	24.02	54.00	13.62	V
14494.850	35.79	-29.56	41.90	23.45	54.00	18.21	V
13288.700	35.78	-31.40	40.60	26.58	54.00	18.22	V
11904.900	34.33	-32.53	39.10	27.76	54.00	19.67	V
10857.700	34.29	-33.07	38.50	28.86	54.00	19.71	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)
17989.000	39.88	-29.59	45.95	23.52	54.00	14.12	V
17995.600	39.88	-29.59	45.95	23.52	54.00	14.12	H
14494.300	35.07	-29.56	41.90	22.73	54.00	18.93	H
13295.300	35.06	-31.40	40.60	25.86	54.00	18.94	V
5149.760	48.46	-28.00	34.00	42.46	54.00	5.54	V
5144.640	47.88	-27.79	34.00	41.67	54.00	6.12	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)
17996.700	40.37	-29.59	45.95	24.01	54.00	13.63	V
17981.850	39.94	-29.59	45.95	23.58	54.00	14.06	V
14472.300	34.87	-29.56	41.90	22.53	54.00	19.13	V
14493.200	34.83	-29.56	41.90	22.49	54.00	19.17	V
5353.408	48.48	-27.82	34.20	42.10	54.00	5.52	V
5353.360	48.47	-27.82	34.20	42.09	54.00	5.53	V

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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)
17988.450	41.37	-29.59	45.95	25.01	54.00	12.63	H
17997.800	41.08	-29.59	45.95	24.72	54.00	12.92	H
14494.850	36.70	-29.56	41.90	24.36	54.00	17.30	H
13291.450	36.50	-31.40	40.60	27.30	54.00	17.50	H
5458.240	48.95	-27.49	34.20	42.24	54.00	5.05	V
5459.725	48.72	-27.49	34.20	42.01	54.00	5.28	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)
17979.650	40.52	-29.59	45.95	24.16	54.00	13.48	V
17966.450	40.40	-29.59	45.95	24.04	54.00	13.60	V
14495.400	35.89	-29.56	41.90	23.55	54.00	18.11	V
14488.250	35.86	-29.56	41.90	23.52	54.00	18.14	V
10860.450	34.28	-33.07	38.50	28.85	54.00	19.72	V
10859.350	34.19	-33.07	38.50	28.76	54.00	19.81	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)
17962.600	40.56	-29.59	45.95	24.20	54.00	13.44	V
17995.050	40.51	-29.59	45.95	24.15	54.00	13.49	V
14499.800	35.97	-29.56	41.90	23.63	54.00	18.03	V
14494.300	35.78	-29.56	41.90	23.44	54.00	18.22	H
10854.400	34.48	-33.07	38.50	29.05	54.00	19.52	V
11834.500	34.17	-32.73	39.15	27.75	54.00	19.83	V

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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)
17982.400	51.24	-29.59	45.95	34.88	74.00	22.76	V
17989.000	50.94	-29.59	45.95	34.58	74.00	23.06	V
13712.750	47.68	-30.98	41.00	37.66	68.20	20.52	H
13706.700	47.67	-30.98	41.00	37.65	68.20	20.53	V
5147.760	60.19	-27.79	34.00	53.98	74.00	13.81	V
5149.240	58.98	-28.00	34.00	52.98	74.00	15.02	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)
17995.050	51.73	-29.59	45.95	35.37	74.00	22.27	V
17586.400	51.69	-29.60	45.15	36.14	68.20	16.51	V
14522.350	48.40	-30.55	41.90	37.05	68.20	19.80	V
14521.800	48.29	-30.55	41.90	36.94	68.20	19.91	V
11414.850	45.48	-32.58	39.00	39.06	74.00	28.52	V
9405.700	44.99	-33.86	37.90	40.95	74.00	29.01	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	52.13	-29.59	45.95	35.77	74.00	21.87	V
17973.050	51.43	-29.59	45.95	35.07	74.00	22.57	V
14123.050	48.01	-30.93	41.70	37.23	68.20	20.19	H
13679.750	47.99	-30.98	41.00	37.97	68.20	20.21	H
11808.100	45.04	-32.09	39.20	37.93	74.00	28.96	V
11840.550	45.03	-32.73	39.15	38.61	74.00	28.97	H

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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)
17990.650	51.88	-29.59	45.95	35.52	74.00	22.12	H
17322.400	51.77	-29.54	42.90	38.41	68.20	16.43	H
13936.600	48.24	-30.81	41.40	37.65	68.20	19.96	H
13805.150	48.23	-30.98	41.20	38.01	68.20	19.97	V
11820.750	45.61	-32.09	39.20	38.50	74.00	28.39	H
11858.700	45.33	-32.73	39.15	38.91	74.00	28.67	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)
17978.000	51.93	-29.59	45.95	35.57	74.00	22.07	H
17613.350	51.92	-29.60	45.15	36.37	68.20	16.28	V
14120.850	48.74	-30.93	41.70	37.96	68.20	19.46	V
13700.650	48.63	-30.98	41.00	38.61	68.20	19.57	V
10839.550	45.26	-33.11	38.50	39.87	74.00	28.74	H
11840.000	45.15	-32.73	39.15	38.73	74.00	28.85	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)
17994.500	51.66	-29.59	45.95	35.30	74.00	22.34	H
17995.600	51.52	-29.59	45.95	35.16	74.00	22.48	H
13884.900	48.49	-31.25	41.30	38.44	68.20	19.71	V
14095.550	48.46	-30.20	41.70	36.96	68.20	19.74	H
5351.472	61.96	-27.82	34.20	55.58	74.00	12.04	V
5353.152	61.90	-27.82	34.20	55.52	74.00	12.10	V

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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)
17623.800	51.52	-29.60	45.40	35.72	68.20	16.68	H
17510.500	51.41	-29.07	44.55	35.93	68.20	16.79	V
13790.300	48.62	-30.98	41.20	38.40	68.20	19.58	H
13724.300	48.44	-31.18	41.10	38.52	68.20	19.76	H
5459.485	58.91	-27.49	34.20	52.20	74.00	15.09	V
5469.475	64.31	-27.49	34.20	57.60	68.20	3.89	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)
17981.85	52.08	-29.59	45.95	35.72	74.00	21.92	V
17516.00	51.51	-29.07	44.55	36.03	68.20	16.69	H
13703.95	48.77	-30.98	41.00	38.75	68.20	19.43	H
13717.70	48.28	-31.18	41.10	38.36	68.20	19.92	V
11737.15	45.42	-32.71	39.20	38.93	74.00	28.58	V
11837.25	45.40	-32.73	39.15	38.98	74.00	28.60	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)
17980.200	51.48	-29.59	45.95	35.12	74.00	22.52	V
17397.200	51.34	-29.44	43.80	36.98	68.20	16.86	H
13644.000	48.80	-31.29	40.90	39.19	68.20	19.40	V
14134.600	48.24	-30.93	41.70	37.46	68.20	19.96	V
5725.215	66.44	-27.47	34.10	59.81	68.20	1.76	V
5727.35	65.35	-27.47	34.10	58.72	68.20	2.85	V

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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)
17502.800	51.63	-29.07	44.55	36.15	68.20	16.57	V
17570.450	51.26	-29.39	44.90	35.76	68.20	16.94	V
14594.400	48.63	-29.14	41.90	35.87	68.20	19.57	H
13157.250	48.24	-31.65	40.30	39.59	68.20	19.96	H
11506.150	46.44	-32.80	39.10	40.14	74.00	27.56	V
11395.050	45.42	-32.58	39.00	39.00	74.00	28.58	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)
17629.300	51.26	-29.60	45.40	35.46	68.20	16.94	H
17526.450	51.11	-29.39	44.90	35.61	68.20	17.09	V
14108.750	48.45	-30.20	41.70	36.95	68.20	19.75	V
13698.450	48.39	-30.98	41.00	38.37	68.20	19.81	V
5150.000	61.84	-28.00	34.00	55.84	74.00	12.16	H
5148.580	59.48	-28.00	34.00	53.48	74.00	14.52	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)
17995.050	51.66	-29.59	45.95	35.30	74.00	22.34	V
17975.800	51.51	-29.59	45.95	35.15	74.00	22.49	H
14115.900	48.18	-30.93	41.70	37.40	68.20	20.02	V
13733.100	48.09	-31.18	41.10	38.17	68.20	20.11	V
11300.450	45.48	-32.41	38.70	39.19	74.00	28.52	V
10845.600	45.20	-33.07	38.50	39.77	74.00	28.80	V

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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)
17616.650	51.70	-29.60	45.15	36.15	68.20	16.50	H
17496.200	51.19	-29.07	44.55	35.71	68.20	17.01	H
14079.050	48.74	-30.20	41.70	37.24	68.20	19.46	V
13720.450	48.50	-31.18	41.10	38.58	68.20	19.70	V
11794.350	45.50	-32.09	39.20	38.39	74.00	28.50	V
11796.550	45.09	-32.09	39.20	37.98	74.00	28.91	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)
17606.750	51.26	-29.60	45.15	35.71	68.20	16.94	H
17630.950	51.19	-29.60	45.40	35.39	68.20	17.01	H
13725.950	49.14	-31.18	41.10	39.22	68.20	19.06	H
13776.000	48.36	-30.98	41.20	38.14	68.20	19.84	H
11826.800	45.56	-32.09	39.20	38.45	74.00	28.44	V
11404.400	45.22	-32.58	39.00	38.80	74.00	28.78	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)
17567.700	51.65	-29.39	44.90	36.15	68.20	16.55	V
17980.200	51.50	-29.59	45.95	35.14	74.00	22.50	H
13761.700	48.91	-31.18	41.10	38.99	68.20	19.29	V
13651.150	48.40	-31.29	40.90	38.79	68.20	19.80	H
11858.150	45.51	-32.73	39.15	39.09	74.00	28.49	H
11862.550	45.45	-32.73	39.15	39.03	74.00	28.55	V

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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)
17639.750	51.65	-29.60	45.40	35.85	68.20	16.55	H
17903.200	51.48	-29.59	45.95	35.12	74.00	22.52	V
13766.100	48.61	-30.98	41.20	38.39	68.20	19.59	V
13696.800	48.53	-30.98	41.00	38.51	68.20	19.67	V
5350.480	64.68	-27.82	34.20	58.30	74.00	9.32	V
5354.096	63.57	-27.82	34.20	57.19	74.00	10.43	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)
17591.900	52.37	-29.60	45.15	36.82	68.20	15.83	H
17998.350	51.47	-29.59	45.95	35.11	74.00	22.53	V
13687.450	48.83	-30.98	41.00	38.81	68.20	19.37	H
13712.200	48.65	-30.98	41.00	38.63	68.20	19.55	V
5459.605	59.72	-27.49	34.20	53.01	74.00	14.28	V
5469.490	64.56	-27.49	34.20	57.85	68.20	3.64	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)
17948.30	51.69	-29.59	45.95	35.33	74.00	22.31	V
17608.95	51.38	-29.60	45.15	35.83	68.20	16.82	V
13703.40	48.84	-30.98	41.00	38.82	68.20	19.36	V
13761.70	48.31	-31.18	41.10	38.39	68.20	19.89	H
11749.80	46.32	-32.71	39.20	39.83	74.00	27.68	H
11402.75	45.60	-32.58	39.00	39.18	74.00	28.40	H

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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	51.54	-29.59	45.95	35.18	74.00	22.46	V
17998.350	51.26	-29.59	45.95	34.90	74.00	22.74	V
13790.850	48.66	-30.98	41.20	38.44	68.20	19.54	H
13729.800	48.47	-31.18	41.10	38.55	68.20	19.73	V
5725.373	65.45	-27.47	34.10	58.82	68.20	2.75	V
5725.180	65.41	-27.47	34.10	58.78	68.20	2.79	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)
17926.850	51.66	-29.59	45.95	35.30	74.00	22.34	V
17985.150	51.46	-29.59	45.95	35.10	74.00	22.54	H
14102.700	48.91	-30.20	41.70	37.41	68.20	19.29	H
13739.700	48.77	-31.18	41.10	38.85	68.20	19.43	V
10743.300	45.30	-32.42	38.45	39.27	74.00	28.70	V
11951.650	45.21	-32.42	39.05	38.58	74.00	28.79	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)
17970.850	51.79	-29.59	45.95	35.43	74.00	22.21	V
17635.900	51.40	-29.60	45.40	35.60	68.20	16.80	H
13723.750	48.43	-31.18	41.10	38.51	68.20	19.77	V
13589.550	48.34	-31.27	40.80	38.81	68.20	19.86	V
5149.860	62.56	-28.00	34.00	56.56	74.00	11.44	V
5149.400	62.04	-28.00	34.00	56.04	74.00	11.96	V

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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)
17994.500	51.38	-29.59	45.95	35.02	74.00	22.62	V
17992.850	51.25	-29.59	45.95	34.89	74.00	22.75	V
13706.150	48.28	-30.98	41.00	38.26	68.20	19.92	H
14598.800	47.96	-29.14	41.90	35.20	68.20	20.24	V
11854.300	45.17	-32.73	39.15	38.75	74.00	28.83	V
11987.400	45.16	-32.66	39.00	38.82	74.00	28.84	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)
17903.200	50.49	-29.59	45.95	34.13	74.00	23.51	V
17973.050	50.39	-29.59	45.95	34.03	74.00	23.61	V
13701.750	47.49	-30.98	41.00	37.47	68.20	20.71	H
13795.800	47.35	-30.98	41.20	37.13	68.20	20.85	V
11800.400	43.91	-32.09	39.20	36.80	74.00	30.09	H
11864.750	43.31	-32.73	39.15	36.89	74.00	30.69	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)
17585.850	50.85	-29.60	45.15	35.30	68.20	17.35	V
17603.450	50.85	-29.60	45.15	35.30	68.20	17.35	H
13725.950	47.77	-31.18	41.10	37.85	68.20	20.43	H
13572.500	47.64	-31.27	40.80	38.11	68.20	20.56	H
5352.592	63.77	-27.82	34.20	57.39	74.00	10.23	V
5350.048	63.25	-27.82	34.20	56.87	74.00	10.75	V

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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)
17676.05	52.04	-29.82	45.65	36.21	68.20	16.16	V
17916.95	51.59	-29.59	45.95	35.23	74.00	22.41	V
13729.80	48.38	-31.18	41.10	38.46	68.20	19.82	V
13647.85	48.36	-31.29	40.90	38.75	68.20	19.84	H
5453.55	59.82	-27.49	34.20	53.11	74.00	14.18	V
5469.93	64.82	-27.49	34.20	58.11	68.20	3.38	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)
17596.85	51.95	-29.60	45.15	36.40	68.20	16.25	H
17987.90	51.37	-29.59	45.95	35.01	74.00	22.63	V
13577.45	49.20	-31.27	40.80	39.67	68.20	19.00	H
13693.50	48.25	-30.98	41.00	38.23	68.20	19.95	V
11917.00	45.98	-32.53	39.10	39.41	74.00	28.02	V
11816.90	45.13	-32.09	39.20	38.02	74.00	28.87	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)
17980.20	52.02	-29.59	45.95	35.66	74.00	21.98	V
17989.55	51.57	-29.59	45.95	35.21	74.00	22.43	H
13710.00	48.59	-30.98	41.00	38.57	68.20	19.61	V
13678.10	48.30	-30.98	41.00	38.28	68.20	19.90	H
5725.09	61.26	-27.47	34.10	54.63	68.20	6.94	V
5725.34	61.24	-27.47	34.10	54.61	68.20	6.96	V

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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)
17607.300	51.71	-29.60	45.15	36.16	68.20	16.49	H
17593.550	51.62	-29.60	45.15	36.07	68.20	16.58	H
13672.600	48.71	-30.98	41.00	38.69	68.20	19.49	V
13719.900	48.40	-31.18	41.10	38.48	68.20	19.80	V
11893.900	45.87	-32.53	39.10	39.30	74.00	28.13	H
11876.850	45.49	-32.73	39.15	39.07	74.00	28.51	H

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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	50.91	-29.59	45.95	34.55	74.00	23.09	V
17973.050	50.88	-29.59	45.95	34.52	74.00	23.12	V
14196.200	48.99	-30.42	41.70	37.71	68.20	19.21	H
13703.950	48.46	-30.98	41.00	38.44	68.20	19.74	V
5147.160	57.31	-27.79	34.00	51.10	74.00	16.69	V
5149.840	55.33	-28.00	34.00	49.33	74.00	18.67	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)
17630.950	52.37	-29.60	45.40	36.57	68.20	15.83	V
17584.200	51.81	-29.60	45.15	36.26	68.20	16.39	V
13775.450	48.26	-30.98	41.20	38.04	68.20	19.94	H
14203.350	48.21	-30.42	41.70	36.93	68.20	19.99	H
10840.650	45.98	-33.11	38.50	40.59	74.00	28.02	H
10850.550	45.04	-33.07	38.50	39.61	74.00	28.96	V

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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)
17633.150	51.92	-29.60	45.40	36.12	68.20	16.28	H
17591.350	51.78	-29.60	45.15	36.23	68.20	16.42	V
13725.950	48.92	-31.18	41.10	39.00	68.20	19.28	V
13639.600	48.53	-31.29	40.90	38.92	68.20	19.67	V
11929.100	45.80	-32.53	39.10	39.23	74.00	28.20	V
11877.400	45.51	-32.73	39.15	39.09	74.00	28.49	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)
17954.900	51.80	-29.59	45.95	35.44	74.00	22.20	H
17990.100	51.40	-29.59	45.95	35.04	74.00	22.60	H
13757.850	48.11	-31.18	41.10	38.19	68.20	20.09	V
13297.500	48.07	-31.40	40.60	38.87	74.00	25.93	V
11376.900	45.18	-33.31	38.85	39.64	74.00	28.82	V
10856.050	44.99	-33.07	38.50	39.56	74.00	29.01	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)
17977.450	52.00	-29.59	45.95	35.64	74.00	22.00	V
17590.800	51.71	-29.60	45.15	36.16	68.20	16.49	V
13711.650	49.43	-30.98	41.00	39.41	68.20	18.77	V
13763.900	48.96	-30.98	41.20	38.74	68.20	19.24	V
11842.200	45.38	-32.73	39.15	38.96	74.00	28.62	H
11295.500	45.14	-32.41	38.70	38.85	74.00	28.86	V

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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)
17967.550	50.83	-29.59	45.95	34.47	74.00	23.17	H
17619.950	50.38	-29.60	45.15	34.83	68.20	17.82	H
13767.200	47.44	-30.98	41.20	37.22	68.20	20.76	V
13925.600	47.32	-30.81	41.40	36.73	68.20	20.88	V
5350.352	60.92	-27.82	34.20	54.54	74.00	13.08	V
5350.992	59.20	-27.82	34.20	52.82	74.00	14.80	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)
17604.550	51.38	-29.60	45.15	35.83	68.20	16.82	V
17628.750	51.32	-29.60	45.40	35.52	68.20	16.88	H
13765.000	48.10	-30.98	41.20	37.88	68.20	20.10	H
14079.600	48.08	-30.20	41.70	36.58	68.20	20.12	V
5459.845	52.59	-27.49	34.20	45.88	74.00	21.41	V
5469.220	58.48	-27.49	34.20	51.77	68.20	9.72	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)
17956.00	51.63	-29.59	45.95	35.27	74.00	22.37	V
17607.85	51.38	-29.60	45.15	35.83	68.20	16.82	H
13715.50	48.82	-31.18	41.10	38.90	68.20	19.38	V
13788.10	48.25	-30.98	41.20	38.03	68.20	19.95	H
11863.65	45.69	-32.73	39.15	39.27	74.00	28.31	V
11821.30	45.21	-32.09	39.20	38.10	74.00	28.79	H

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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)
17612.800	51.70	-29.60	45.15	36.15	68.20	16.50	H
17976.900	51.62	-29.59	45.95	35.26	74.00	22.38	V
13694.600	48.88	-30.98	41.00	38.86	68.20	19.32	H
13807.900	48.50	-30.98	41.20	38.28	68.20	19.70	V
5727.438	59.33	-27.47	34.10	52.70	68.20	8.87	V
5725.792	59.26	-27.47	34.10	52.63	68.20	8.94	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)
17970.850	51.56	-29.59	45.95	35.20	74.00	22.44	H
17996.700	51.43	-29.59	45.95	35.07	74.00	22.57	V
13710.000	48.02	-30.98	41.00	38.00	68.20	20.18	H
13814.500	47.93	-30.20	41.25	36.88	68.20	20.27	H
11262.500	45.19	-32.99	38.65	39.53	74.00	28.81	H
10743.850	45.16	-32.42	38.45	39.13	74.00	28.84	V

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)
17991.750	51.62	-29.59	45.95	35.26	74.00	22.38	V
17673.300	51.36	-29.82	45.65	35.53	68.20	16.84	V
13711.650	48.35	-30.98	41.00	38.33	68.20	19.85	V
13752.350	48.31	-31.18	41.10	38.39	68.20	19.89	V
5149.520	63.77	-28.00	34.00	57.77	74.00	10.23	V
5149.460	62.60	-28.00	34.00	56.60	74.00	11.40	V

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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	51.75	-29.59	45.95	35.39	74.00	22.25	V
17635.900	51.65	-29.60	45.40	35.85	68.20	16.55	V
14356.250	48.81	-30.44	41.85	37.40	68.20	19.39	V
13710.550	48.67	-30.98	41.00	38.65	68.20	19.53	V
11378.000	45.26	-33.31	38.85	39.72	74.00	28.74	H
11396.700	45.22	-32.58	39.00	38.80	74.00	28.78	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)
17998.900	50.75	-29.59	45.95	34.39	74.00	23.25	V
17932.350	50.49	-29.59	45.95	34.13	74.00	23.51	V
13641.250	47.80	-31.29	40.90	38.19	68.20	20.40	H
13948.700	47.37	-30.81	41.40	36.78	68.20	20.83	V
10884.650	44.39	-33.07	38.50	38.96	74.00	29.61	H
11815.250	44.14	-32.09	39.20	37.03	74.00	29.86	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)
17997.800	50.75	-29.59	45.95	34.39	74.00	23.25	V
17965.900	50.44	-29.59	45.95	34.08	74.00	23.56	V
13732.000	47.25	-31.18	41.10	37.33	68.20	20.95	V
13562.600	47.12	-31.18	40.75	37.55	68.20	21.08	H
5353.424	65.39	-27.82	34.20	59.01	74.00	8.61	V
5350.544	63.29	-27.82	34.20	56.91	74.00	10.71	V

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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)
17923.55	51.64	-29.59	45.95	35.28	74.00	22.36	H
17512.70	51.51	-29.07	44.55	36.03	68.20	16.69	V
13714.40	48.30	-31.18	41.10	38.38	68.20	19.90	H
14614.75	48.24	-30.67	41.70	37.21	68.20	19.96	H
5455.78	57.74	-27.49	34.20	51.03	74.00	16.26	V
5469.57	63.66	-27.49	34.20	56.95	68.20	4.54	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)
17918.60	52.14	-29.59	45.95	35.78	74.00	21.86	V
17626.55	51.61	-29.60	45.40	35.81	68.20	16.59	V
13720.45	48.37	-31.18	41.10	38.45	68.20	19.83	H
13736.95	48.15	-31.18	41.10	38.23	68.20	20.05	H
10764.75	45.71	-32.42	38.45	39.68	74.00	28.29	H
11858.15	45.37	-32.73	39.15	38.95	74.00	28.63	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)
17987.35	52.47	-29.59	45.95	36.11	74.00	21.53	V
17973.05	51.72	-29.59	45.95	35.36	74.00	22.28	H
13729.80	49.66	-31.18	41.10	39.74	68.20	18.54	V
13697.90	48.44	-30.98	41.00	38.42	68.20	19.76	H
5726.41	57.56	-27.47	34.10	50.93	68.20	10.64	V
5726.11	57.39	-27.47	34.10	50.76	68.20	10.81	V

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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)
17981.300	51.33	-29.59	45.95	34.97	74.00	22.67	H
17919.150	51.32	-29.59	45.95	34.96	74.00	22.68	H
13734.200	48.56	-31.18	41.10	38.64	68.20	19.64	V
14203.350	48.30	-30.42	41.70	37.02	68.20	19.90	H
10979.800	45.41	-33.13	38.55	39.99	74.00	28.59	V
11802.050	45.29	-32.09	39.20	38.18	74.00	28.71	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)
17988.450	52.28	-29.59	45.95	35.92	74.00	21.72	H
17992.300	51.69	-29.59	45.95	35.33	74.00	22.31	H
13726.500	47.49	-31.18	41.10	37.57	68.20	20.71	V
13697.350	47.46	-30.98	41.00	37.44	68.20	20.74	H
5147.520	64.90	-27.79	34.00	58.69	74.00	9.10	V
5149.480	63.95	-28.00	34.00	57.95	74.00	10.05	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)
17965.350	50.76	-29.59	45.95	34.40	74.00	23.24	V
17613.350	50.70	-29.60	45.15	35.15	68.20	17.50	V
13675.900	48.19	-30.98	41.00	38.17	68.20	20.01	V
13624.200	47.58	-31.29	40.90	37.97	68.20	20.62	V
5352.336	65.92	-27.82	34.20	59.54	74.00	8.08	V
5357.408	65.36	-27.82	34.20	58.98	74.00	8.64	V

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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)
17961.500	52.50	-29.59	45.95	36.14	74.00	21.50	H
17717.300	51.80	-29.82	45.65	35.97	74.00	22.20	H
14113.150	49.79	-30.93	41.70	39.01	68.20	18.41	H
13701.750	48.99	-30.98	41.00	38.97	68.20	19.21	H
5456.200	66.47	-27.49	34.20	59.76	74.00	7.53	V
5469.970	66.50	-27.49	34.20	59.79	68.20	1.70	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)
17956.000	51.77	-29.59	45.95	35.41	74.00	22.23	H
17917.500	51.64	-29.59	45.95	35.28	74.00	22.36	V
13708.350	48.62	-30.98	41.00	38.60	68.20	19.58	V
13729.250	48.55	-31.18	41.10	38.63	68.20	19.65	H
5728.557	56.97	-27.47	34.10	50.34	68.20	11.23	V
5725.495	56.48	-27.47	34.10	49.85	68.20	11.72	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)
17634.800	52.52	-29.60	45.40	36.72	68.20	15.68	V
17987.900	51.54	-29.59	45.95	35.18	74.00	22.46	H
13706.150	48.36	-30.98	41.00	38.34	68.20	19.84	V
13588.450	48.17	-31.27	40.80	38.64	68.20	20.03	V
11401.650	45.41	-32.58	39.00	38.99	74.00	28.59	V
11852.100	45.40	-32.73	39.15	38.98	74.00	28.60	H

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

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Band edge compliance

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.4	P
	5320 MHz	Fig.5	P
	5500 MHz	Fig.6	P
	5700 MHz	Fig.7	P
802.11n HT20	5180 MHz	Fig.8	P
	5320 MHz	Fig.9	P
	5500 MHz	Fig.10	P
	5700 MHz	Fig.11	P
802.11n HT40	5190 MHz	Fig.12	P
	5310 MHz	Fig.13	P
	5510 MHz	Fig.14	P
	5670 MHz	Fig.15	P
802.11ac HT20	5180 MHz	Fig.16	P
	5320 MHz	Fig.17	P
	5500 MHz	Fig.18	P
	5700 MHz	Fig.19	P
802.11ac HT40	5190 MHz	Fig.20	P
	5310 MHz	Fig.21	P
	5510 MHz	Fig.22	P
	5670 MHz	Fig.23	P
802.11ac HT80	5210MHz	Fig.24	P
	5290MHz	Fig.25	P
	5530MHz	Fig.26	P
	5610MHz	Fig.27	P

Conclusion: PASS

Test graphs as below:

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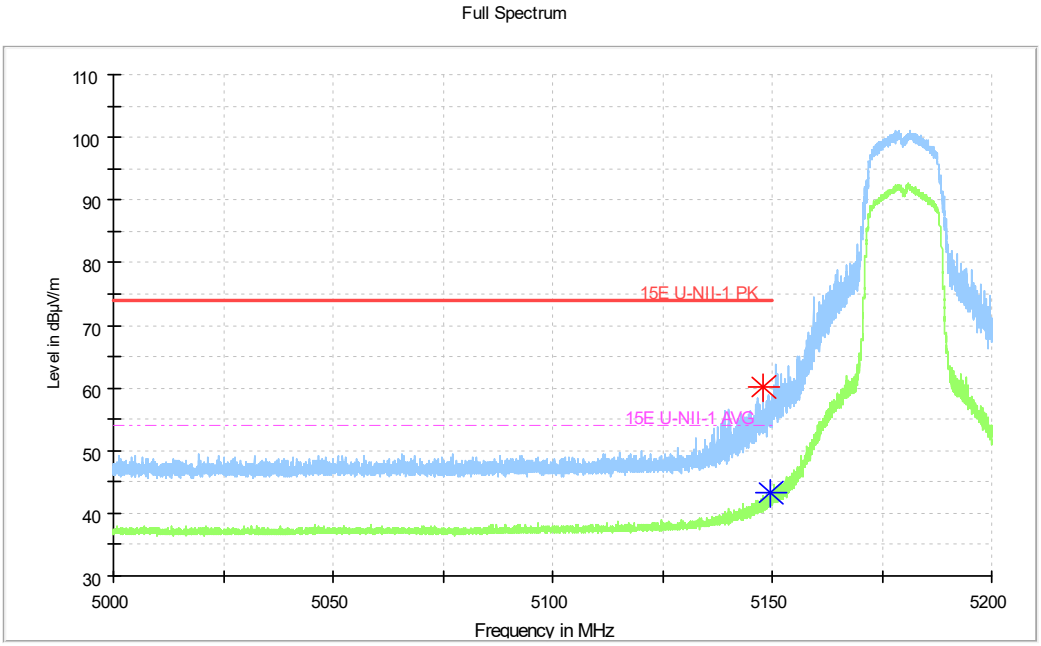

Fig. 4 Band Edges (802.11a Ch36, 5180MHz)

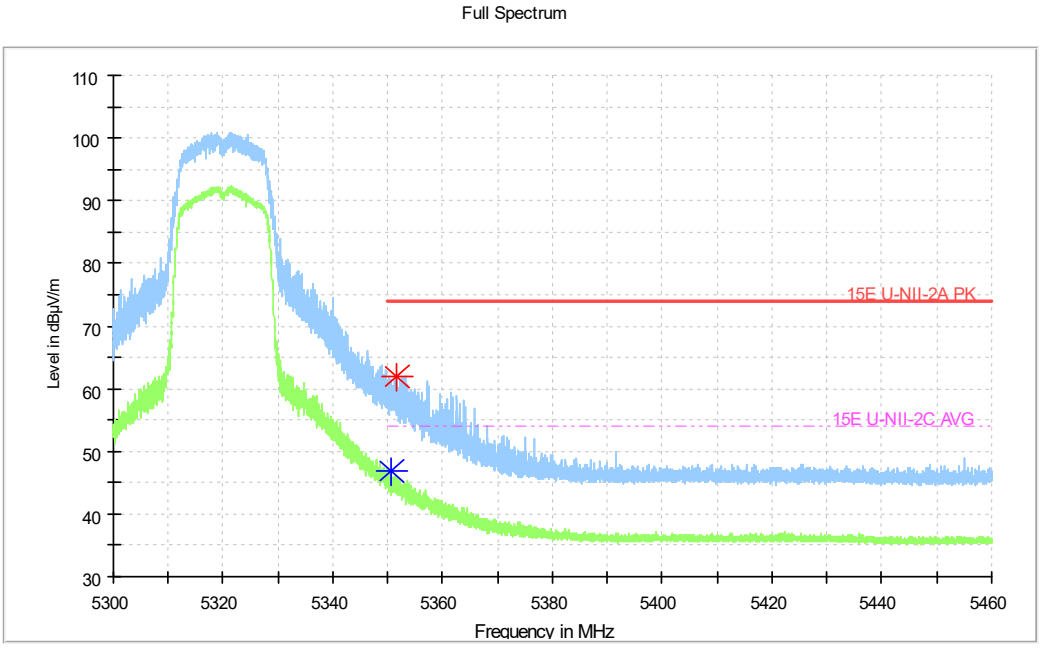

Fig. 5 Band Edges (802.11a Ch64, 5320MHz)

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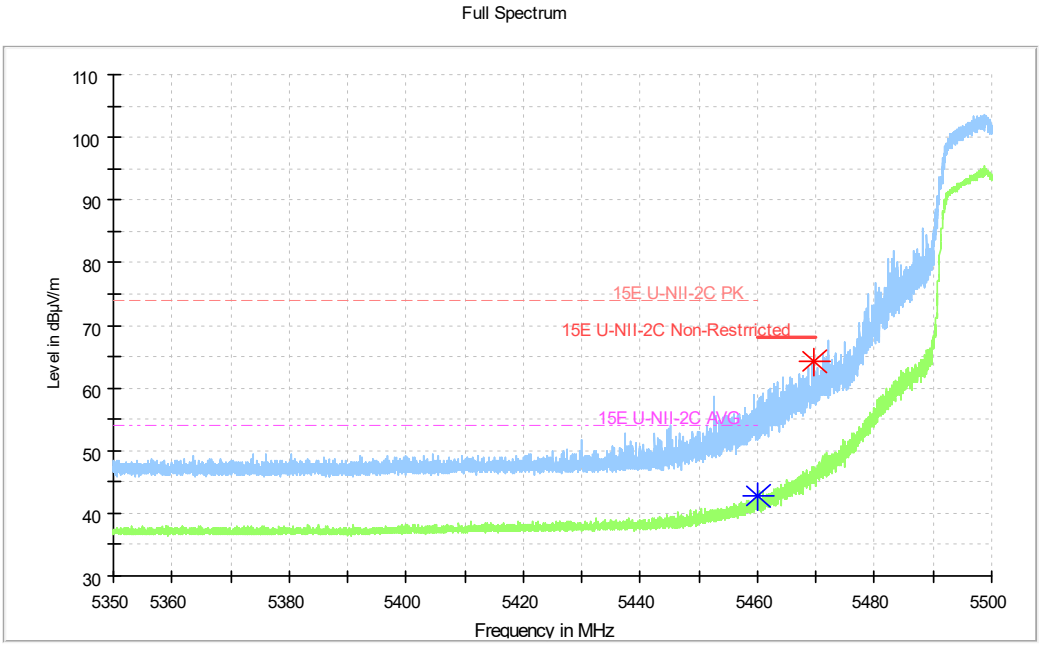

Fig. 6 Band Edges (802.11a Ch100, 5500MHz)

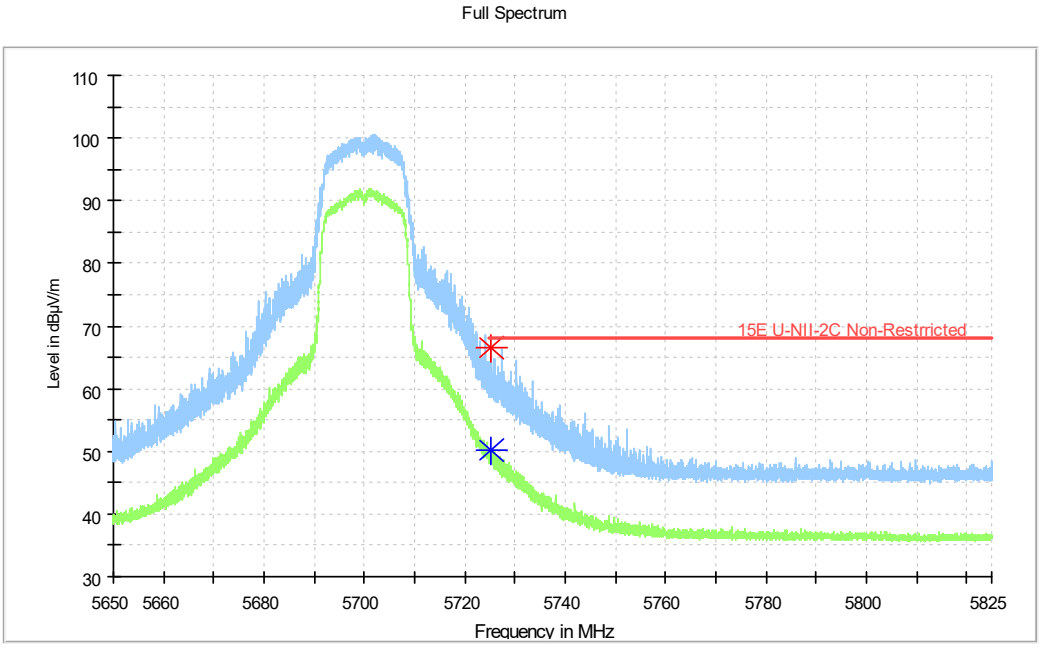

Fig. 7 Band Edges (802.11a Ch140, 5700MHz)

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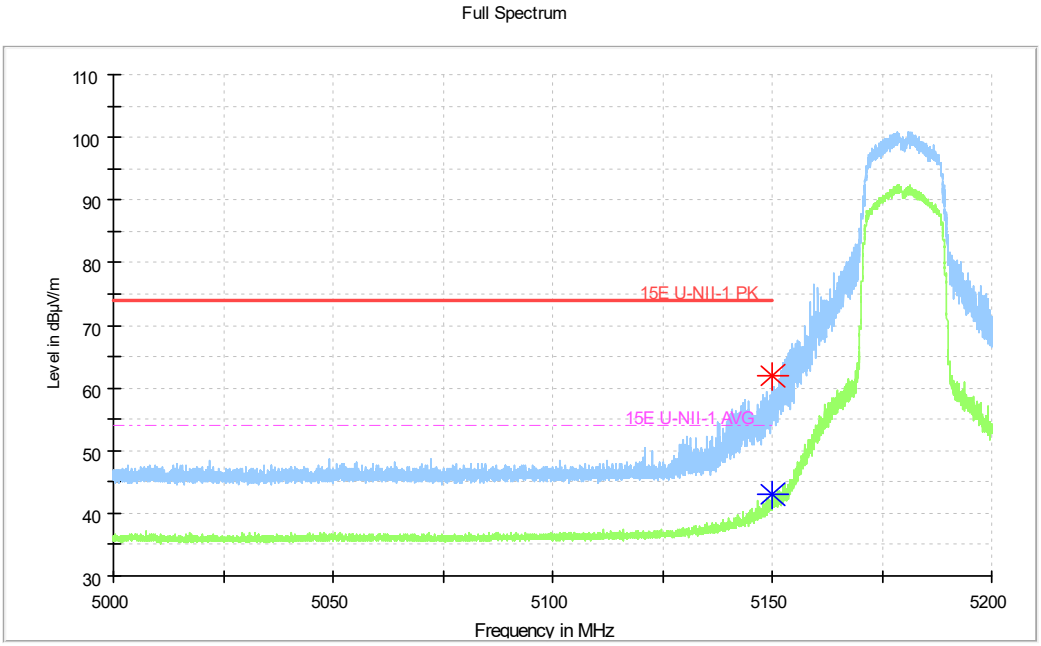

Fig. 8 Band Edges (802.11n-HT20 Ch36, 5180MHz)

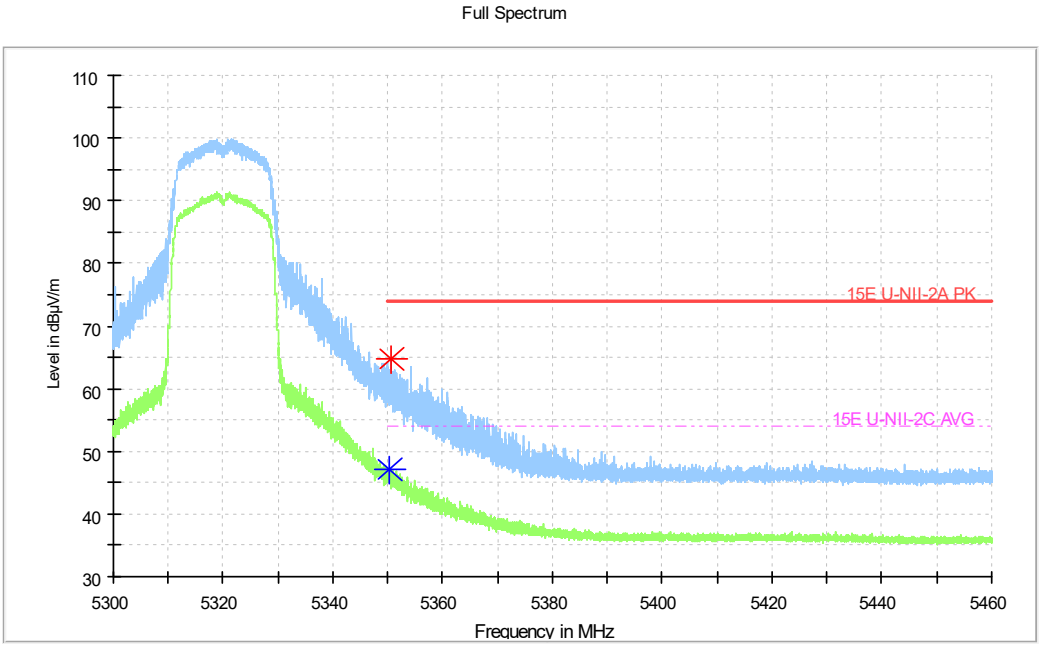

Fig. 9 Band Edges (802.11n-HT20 Ch64, 5320MHz)

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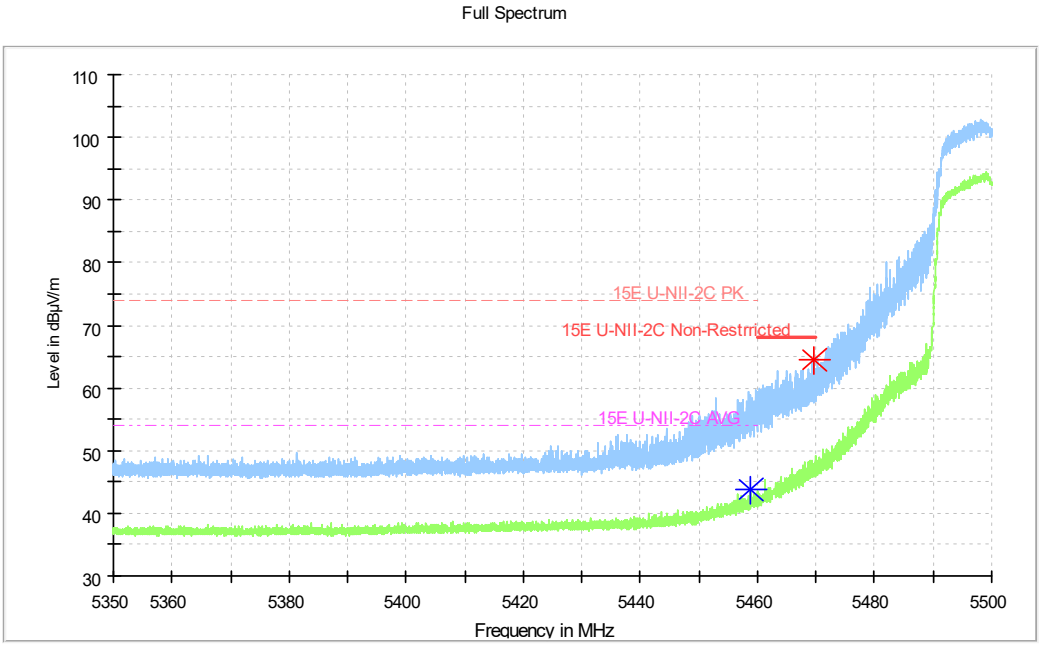

Fig. 10 Band Edges (802.11n-HT20 Ch100, 5500MHz)

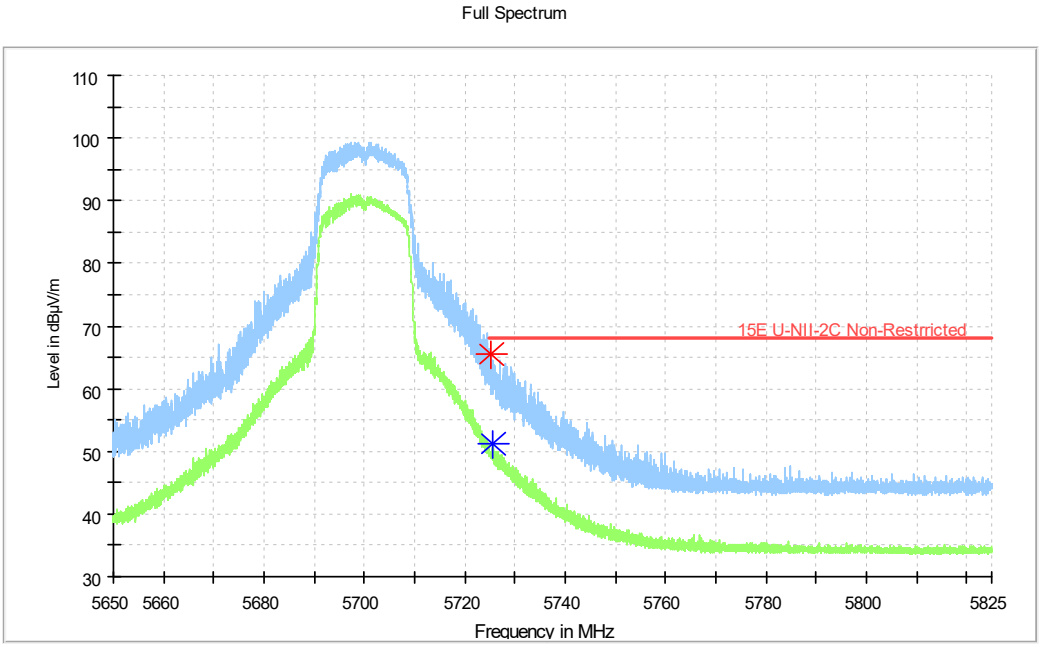

Fig. 11 Band Edges (802.11n-HT20 Ch140, 5700MHz)

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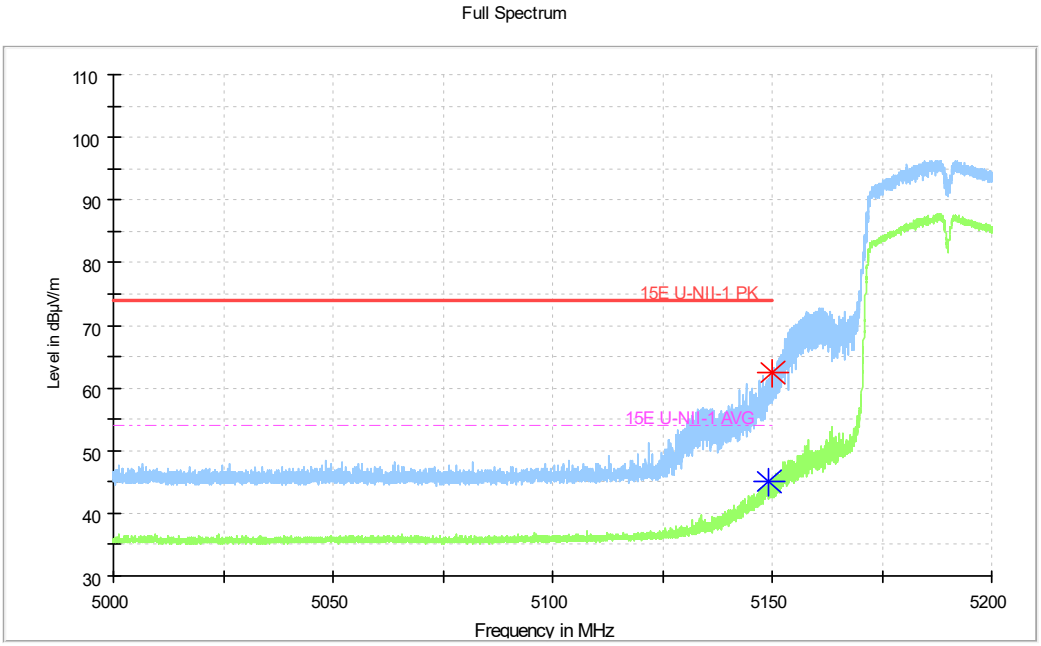

Fig. 12 Band Edges (802.11n-HT40 Ch38, 5190MHz)

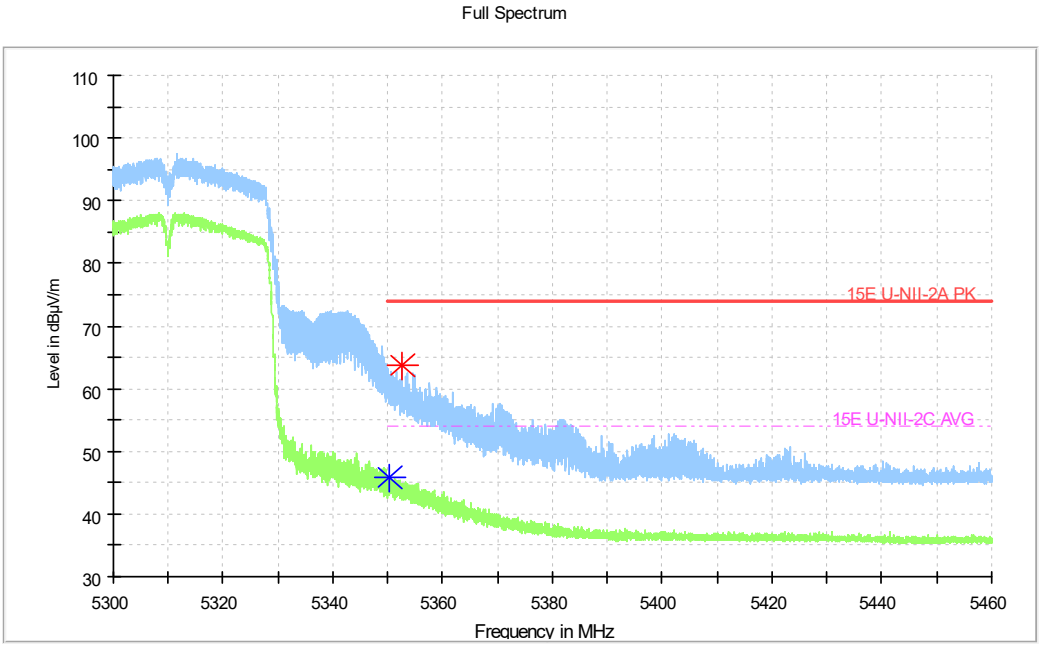

Fig. 13 Band Edges (802.11n-HT40 Ch62, 5310MHz)

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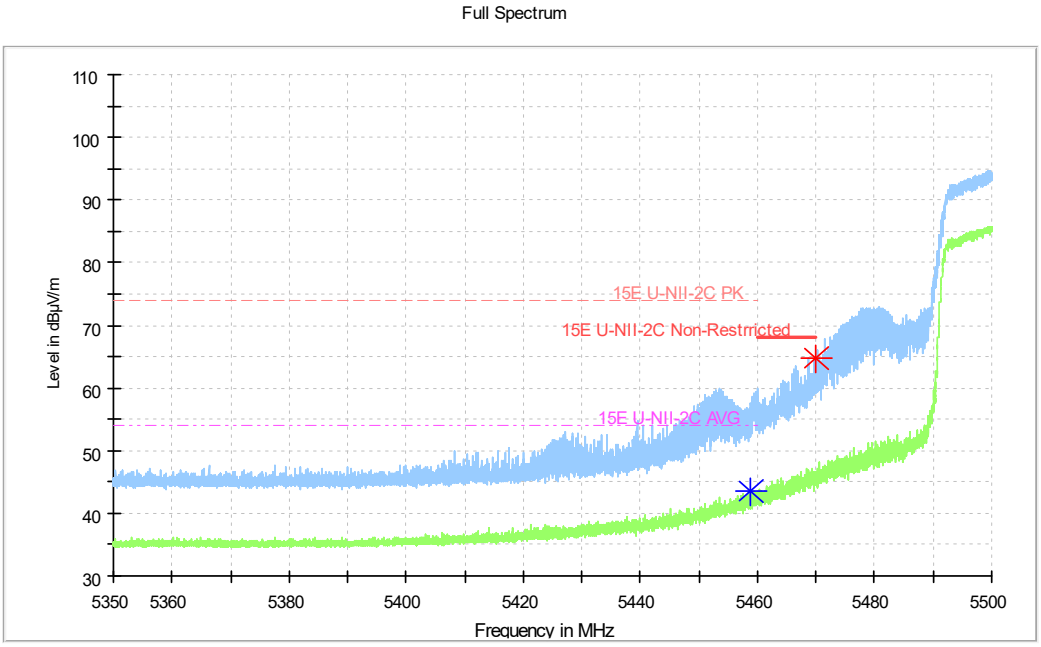

Fig. 14 Band Edges (802.11n-HT40 Ch102, 5510MHz)

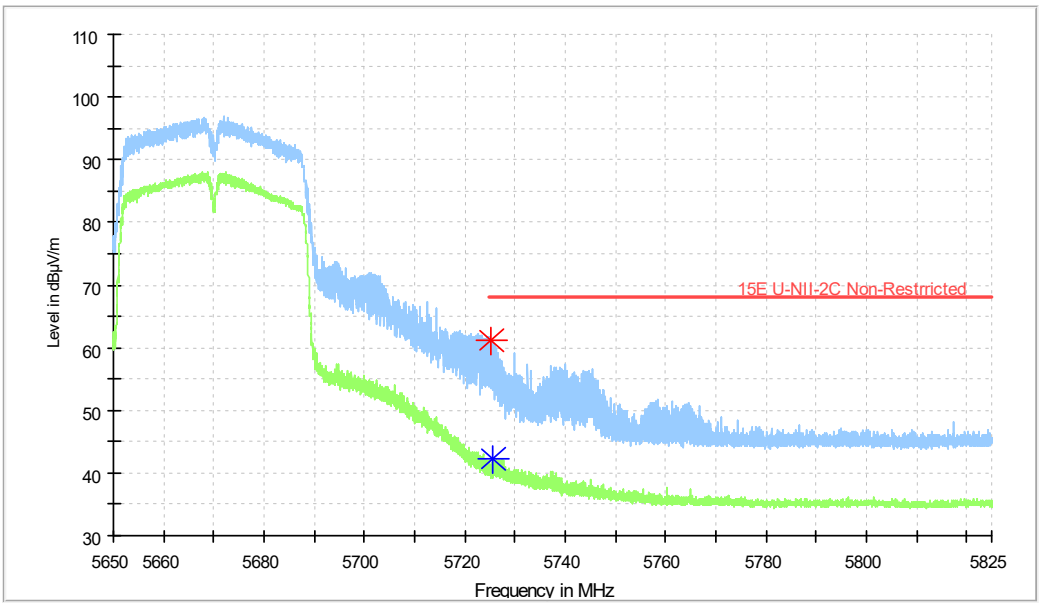

Fig. 15 Band Edges (802.11n-HT40 Ch134, 5670MHz)

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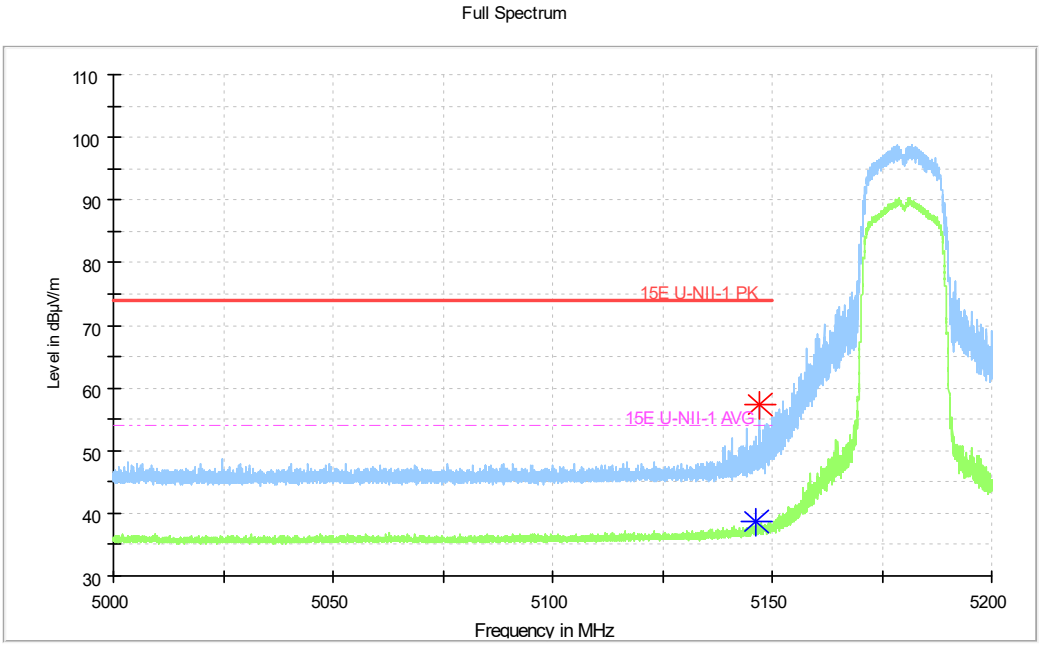

Fig. 16 Band Edges (802.11ac-HT20 Ch36, 5180MHz)

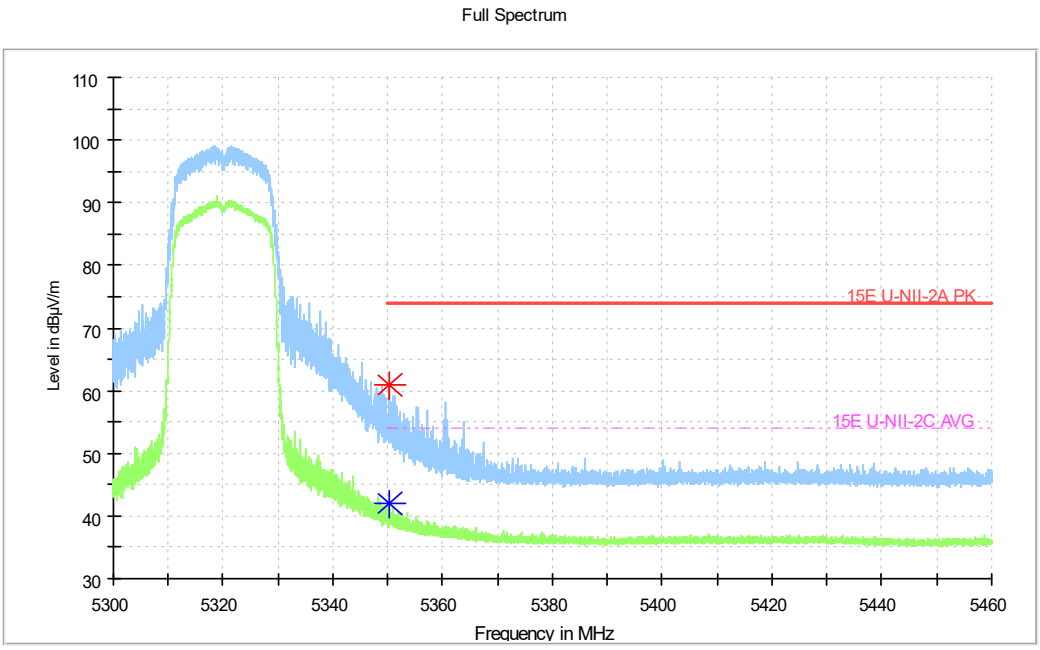

Fig. 17 Band Edges (802.11ac-HT20 Ch64, 5320MHz)

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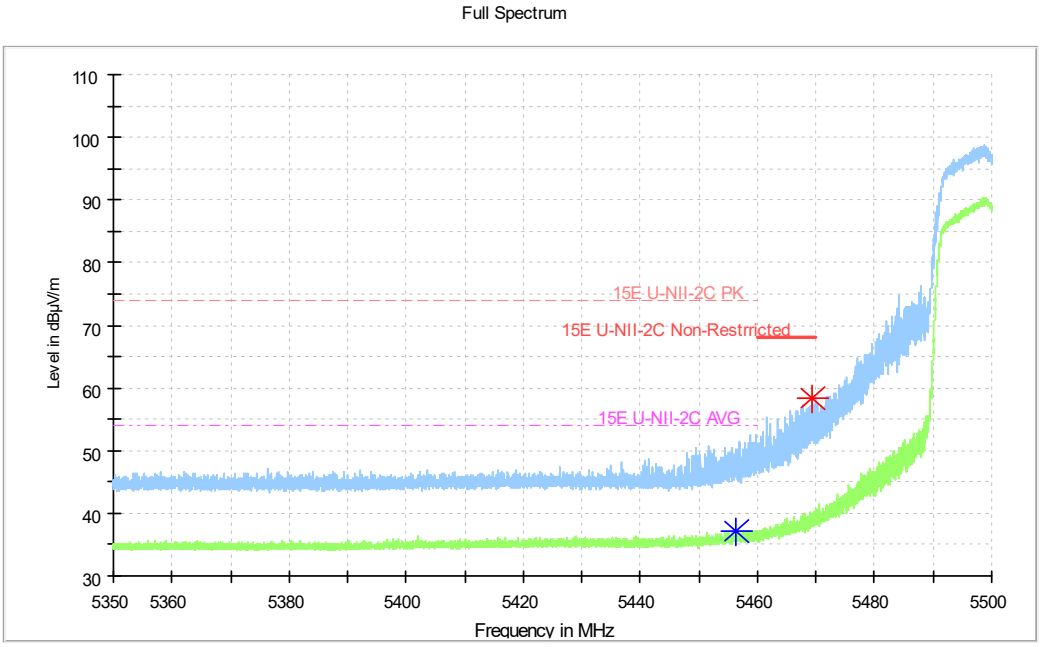

Fig. 18 Band Edges (802.11ac-HT20 Ch100, 5500MHz)

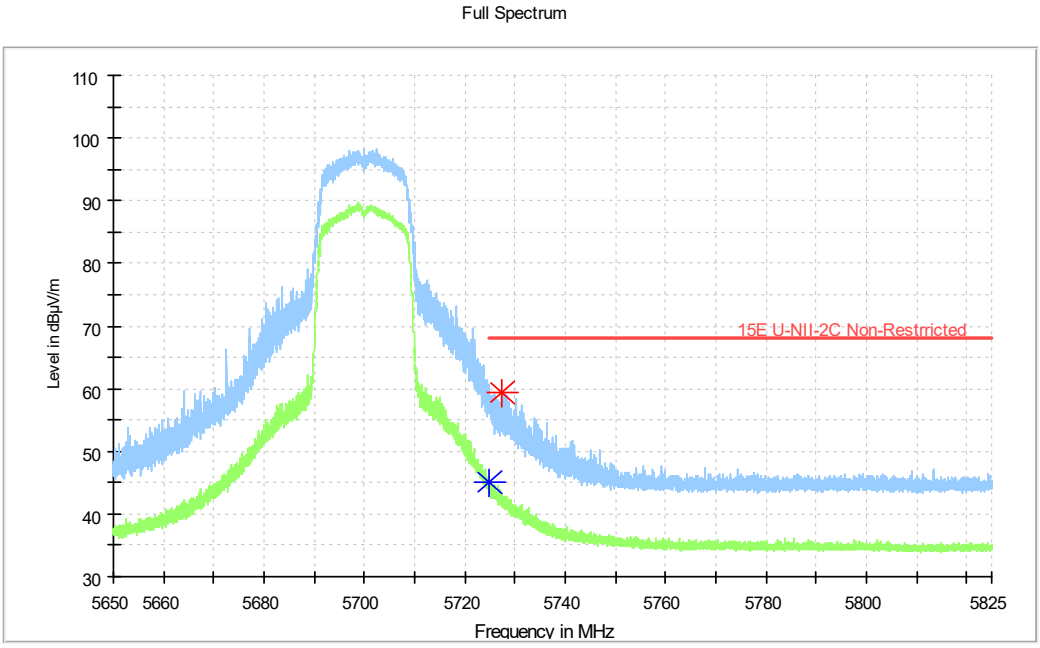

Fig. 19 Band Edges (802.11ac-HT20 Ch140, 5700MHz)

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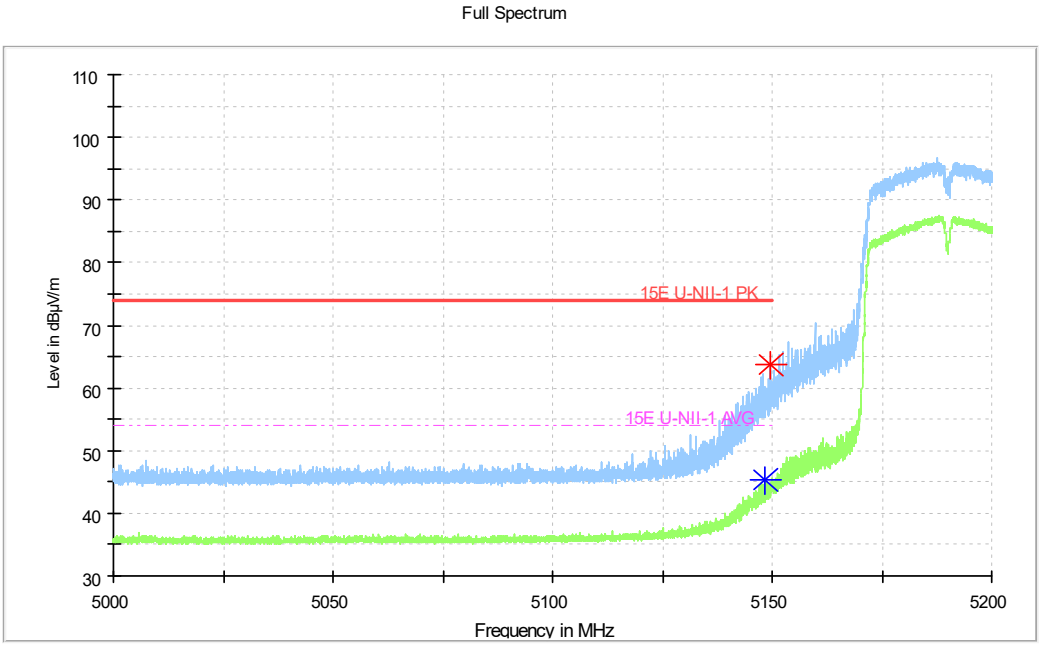

Fig. 20 Band Edges (802.11ac-HT40 Ch38, 5190MHz)

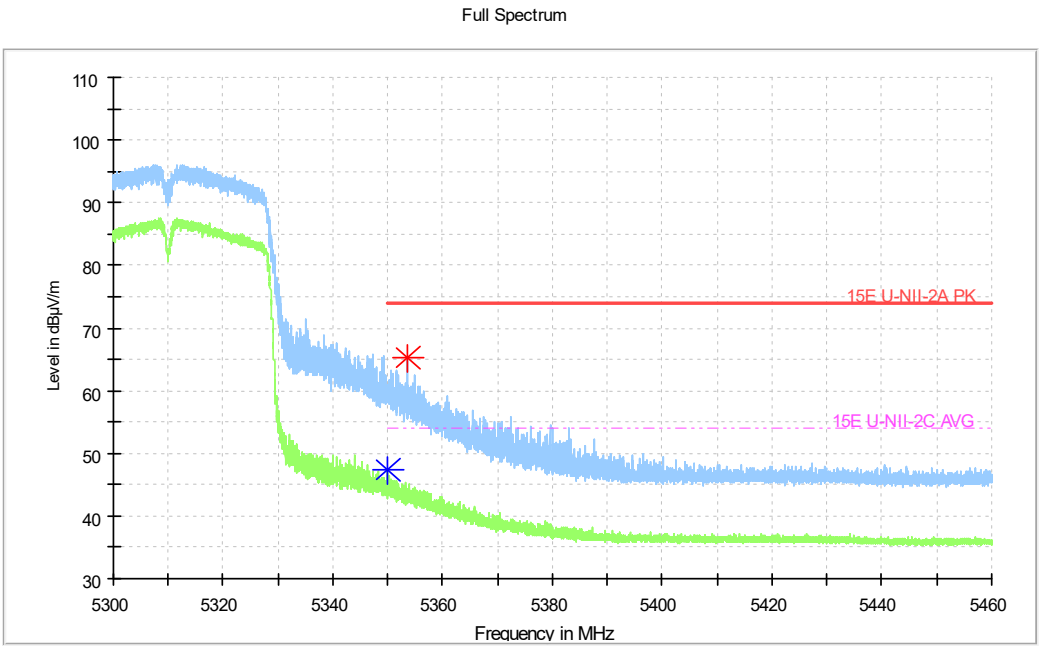

Fig. 21 Band Edges (802.11ac-HT40 Ch62, 5310MHz)

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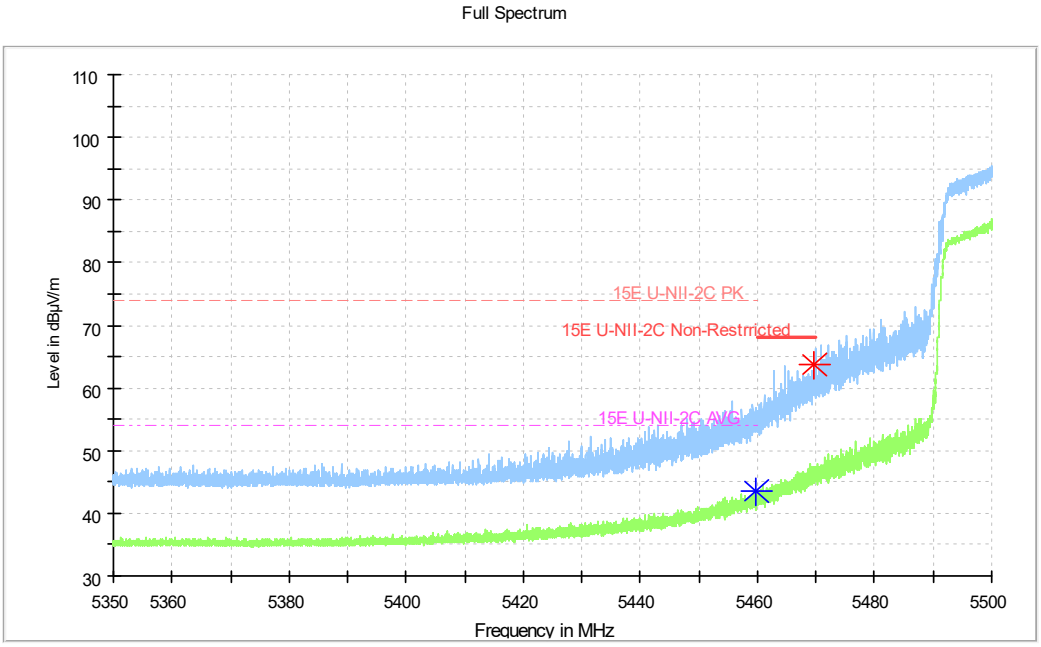

Fig. 22 Band Edges (802.11ac-HT40 Ch102, 5510MHz)

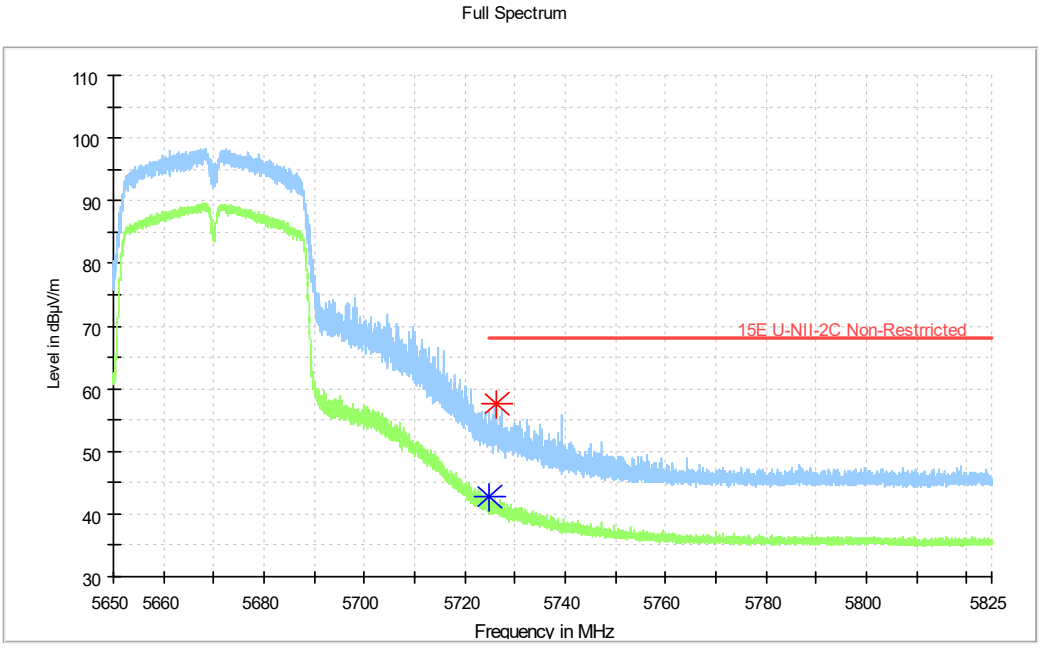

Fig. 23 Band Edges (802.11ac-HT40 Ch134, 5670MHz)

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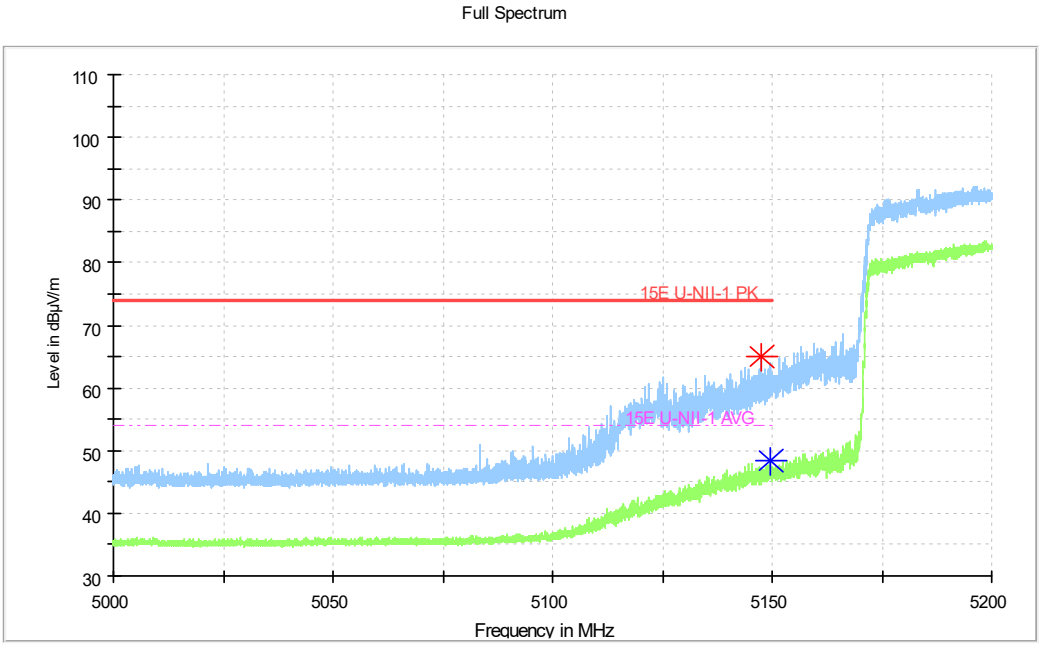

Fig. 24 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)

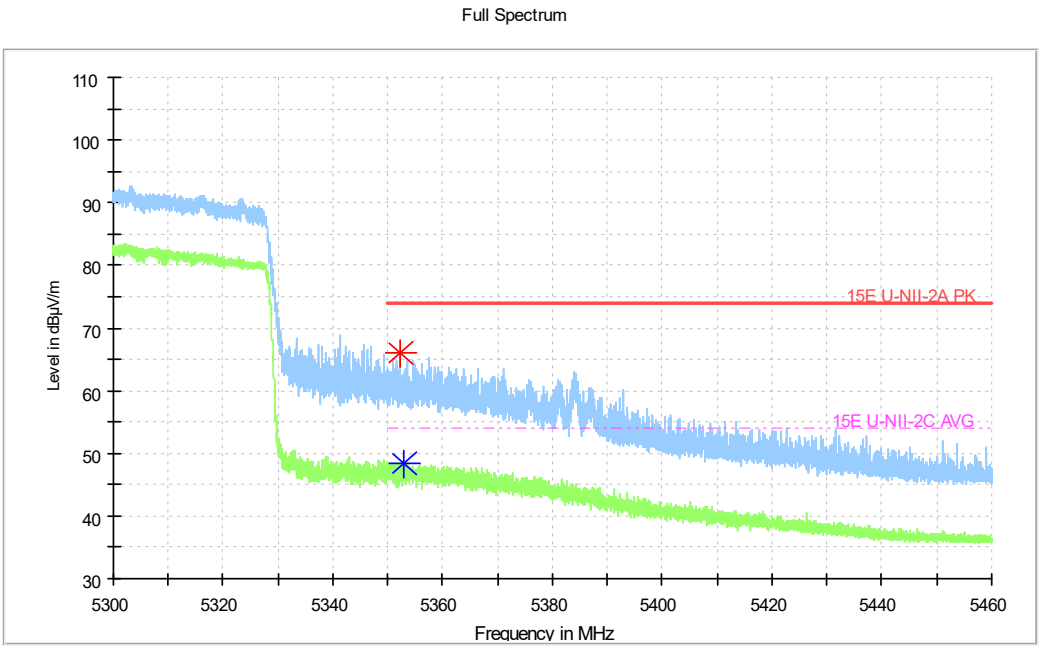

Fig. 25 Band Edges (802.11ac-HT80 Ch58, 5290MHz)

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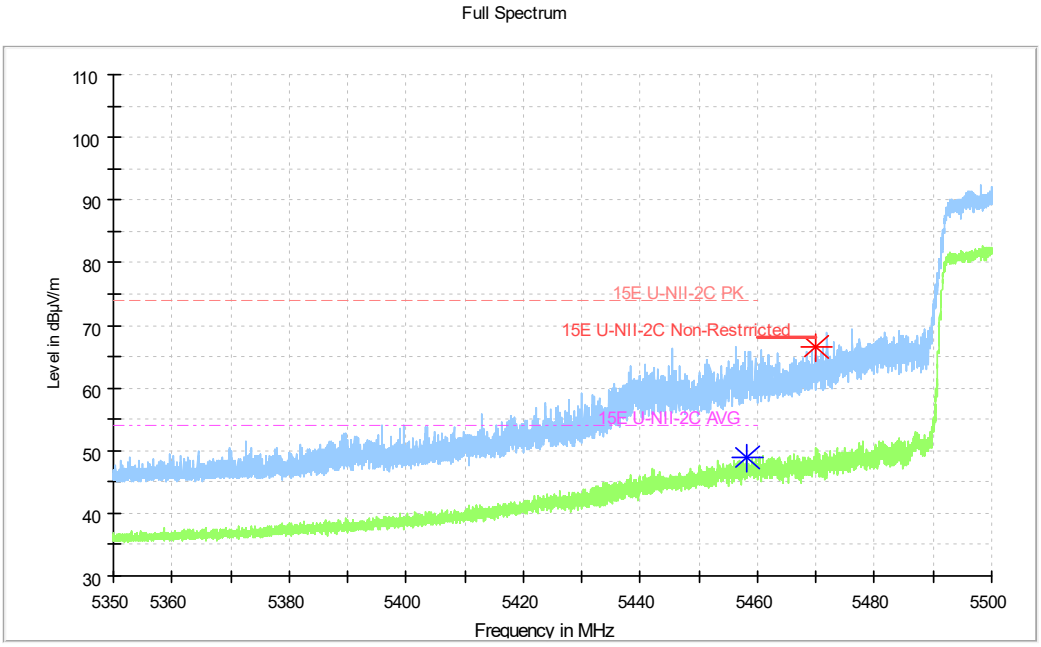

Fig. 26 Band Edges (802.11ac-HT80 Ch106, 5530MHz)

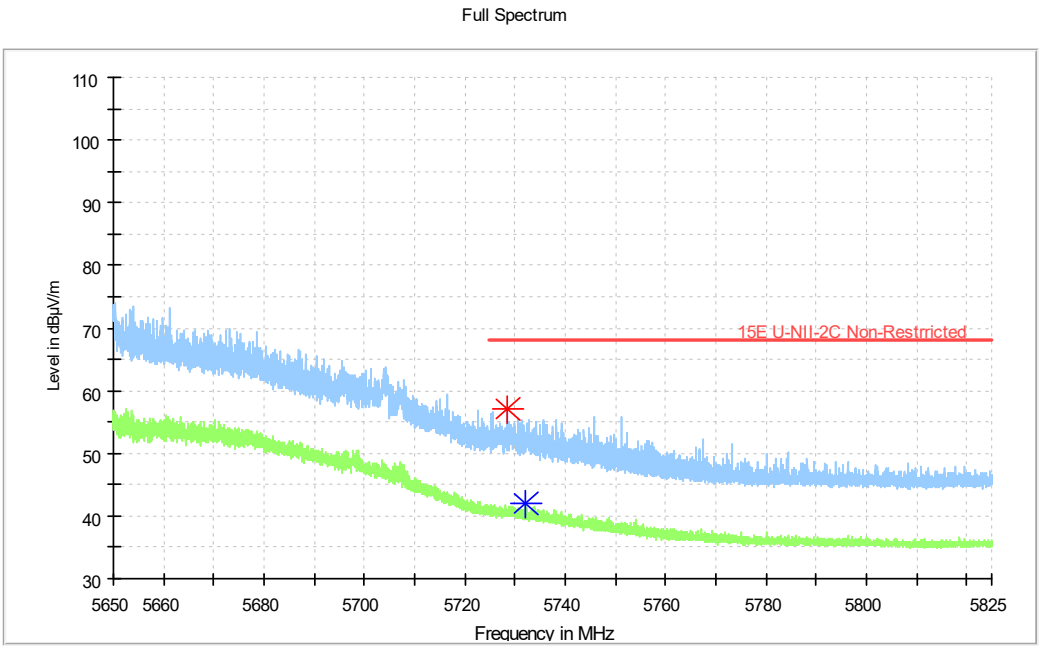

Fig. 27 Band Edges (802.11ac-HT80 Ch122, 5610MHz)

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A.6. AC Powerline Conducted Emission (150kHz- 30MHz)

A.6.1 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

A.6.2 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

A.6.3 Test Condition

Voltage（V）	Frequency（Hz）
120	60

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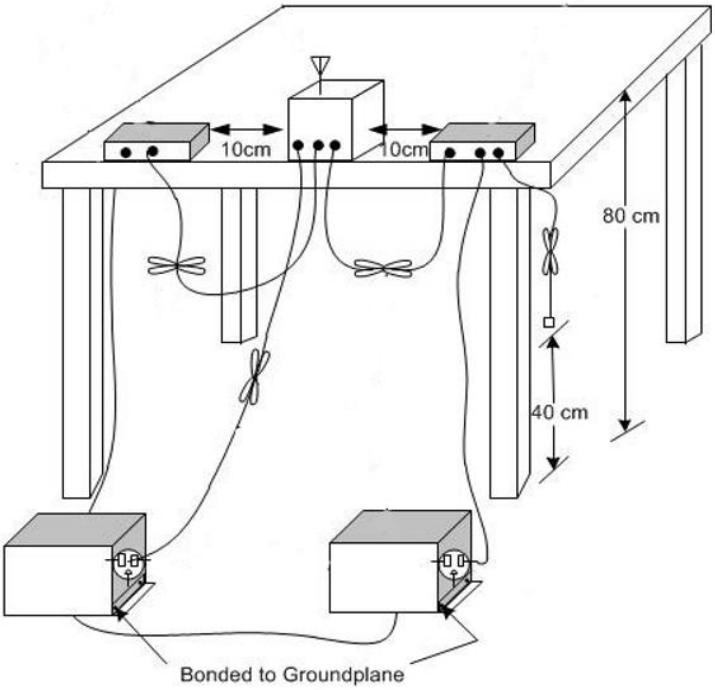
A.6.4 Test setup



Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.28	Fig.29	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.28	Fig.29	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:

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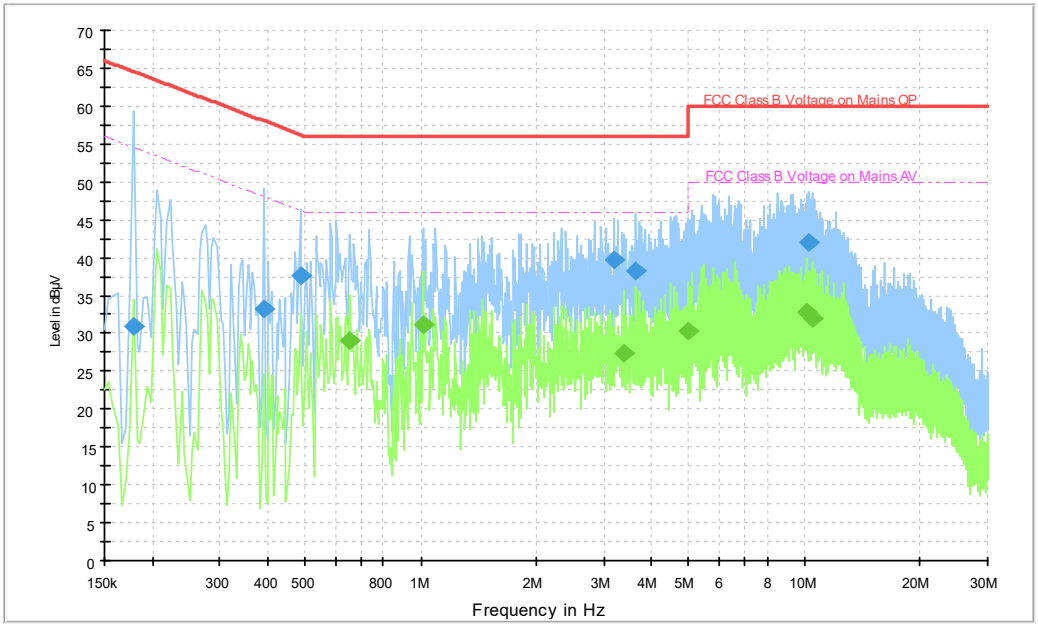

Fig.28 Conducted Emission (802.11a, Ch40, TX)

Measurement Result:

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.178000	31.0	2000.0	9.000	On	N	19.8	33.6	64.6
0.390000	33.3	2000.0	9.000	On	L1	19.9	24.7	58.1
0.486000	37.6	2000.0	9.000	On	L1	20.0	18.7	56.2
3.194000	39.6	2000.0	9.000	On	L1	19.8	16.4	56.0
3.622000	38.1	2000.0	9.000	On	L1	19.8	17.9	56.0
10.230000	41.9	2000.0	9.000	On	L1	19.9	18.1	60.0

Measurement Result:

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.650000	29.1	2000.0	9.000	On	L1	20.0	17.0	46.0
1.014000	31.1	2000.0	9.000	On	L1	19.9	14.9	46.0
3.366000	27.4	2000.0	9.000	On	L1	19.8	18.6	46.0
4.994000	30.3	2000.0	9.000	On	L1	19.8	15.7	46.0
10.182000	32.8	2000.0	9.000	On	L1	19.9	17.2	50.0
10.542000	31.9	2000.0	9.000	On	L1	19.9	18.1	50.0

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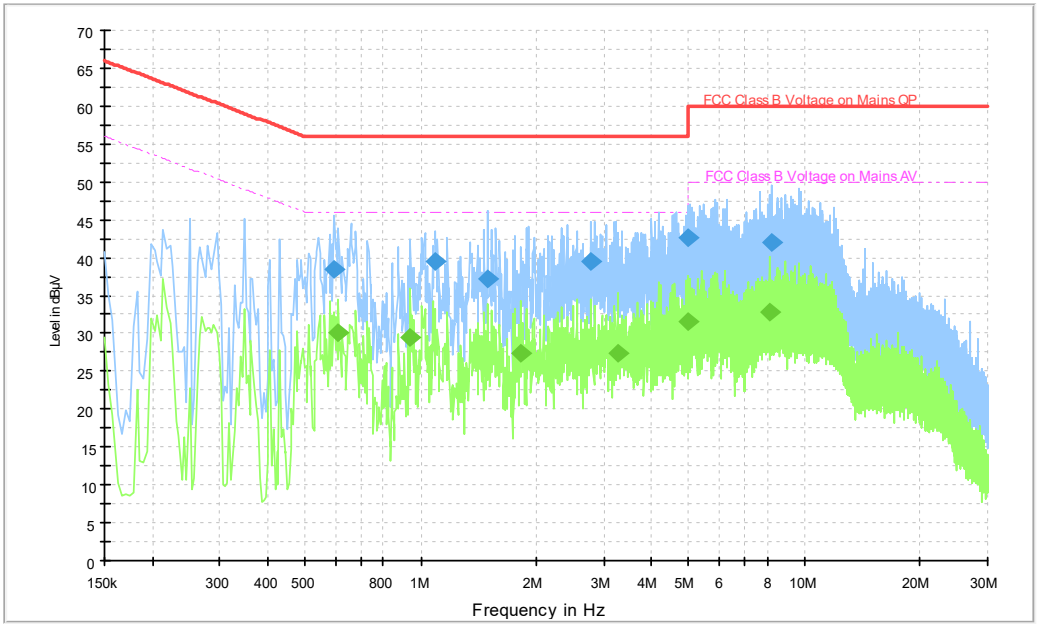

Fig.29 Conducted Emission (802.11a, IDLE)

Measurement Result:

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.594000	38.5	2000.0	9.000	On	L1	20.0	17.5	56.0
1.090000	39.4	2000.0	9.000	On	L1	19.9	16.6	56.0
1.494000	37.2	2000.0	9.000	On	L1	19.9	18.8	56.0
2.786000	39.6	2000.0	9.000	On	L1	19.8	16.4	56.0
4.982000	42.7	2000.0	9.000	On	L1	19.8	13.3	56.0
8.206000	42.1	2000.0	9.000	On	L1	19.9	17.9	60.0

Measurement Result:

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.610000	30.1	2000.0	9.000	On	L1	20.0	15.9	46.0
0.942000	29.4	2000.0	9.000	On	L1	19.9	16.6	46.0
1.818000	27.3	2000.0	9.000	On	L1	19.8	18.7	46.0
3.282000	27.4	2000.0	9.000	On	L1	19.8	18.6	46.0
4.998000	31.5	2000.0	9.000	On	L1	19.8	14.5	46.0
8.110000	32.7	2000.0	9.000	On	L1	19.9	17.3	50.0

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A.7. 99% Occupied bandwidth

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.

d) Step a) through step c) might require iteration to adjust within the specified range.

e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% ofthe total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz

EUT ID: UT02a

Measurement Result:

TestMode	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5180	17.465	5171.2977	5188.7629	---	---
	5200	17.36	5191.2984	5208.6589	---	---
	5240	17.446	5231.2756	5248.7219	---	---
11AC20SISO	5180	18.23	5170.8881	5189.1177	---	---
	5200	18.124	5190.9528	5209.0767	---	---
	5240	18.146	5230.9267	5249.0728	---	---
11AC40SISO	5190	36.48	5171.7279	5208.2074	---	---
	5230	36.436	5211.7684	5248.2041	---	---
11AC80SISO	5210	75.438	5172.2349	5247.6732	---	---

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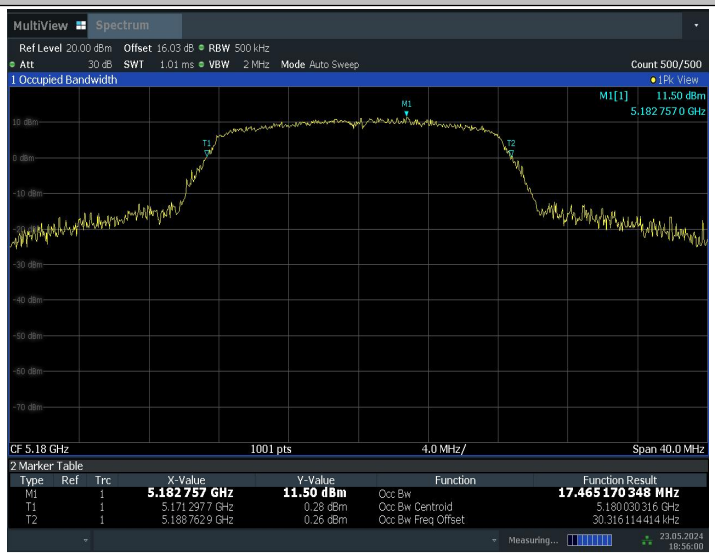
Test Graphs

11A_5180

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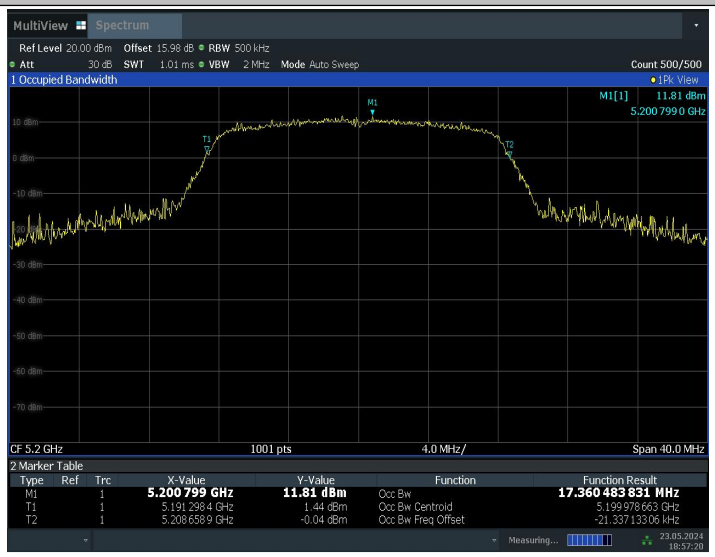
18:57:20 23.05.2024
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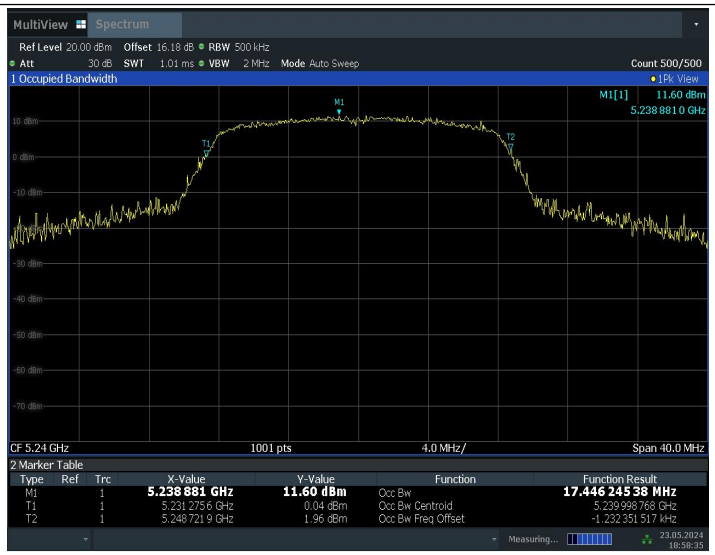

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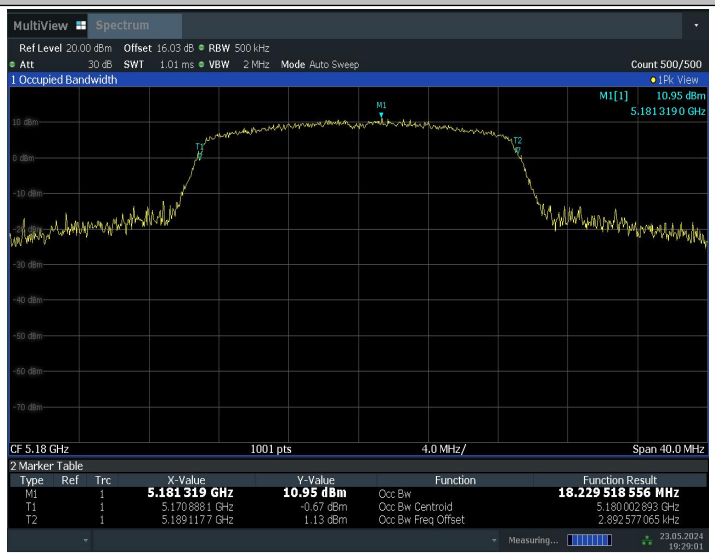

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11AC20_5200

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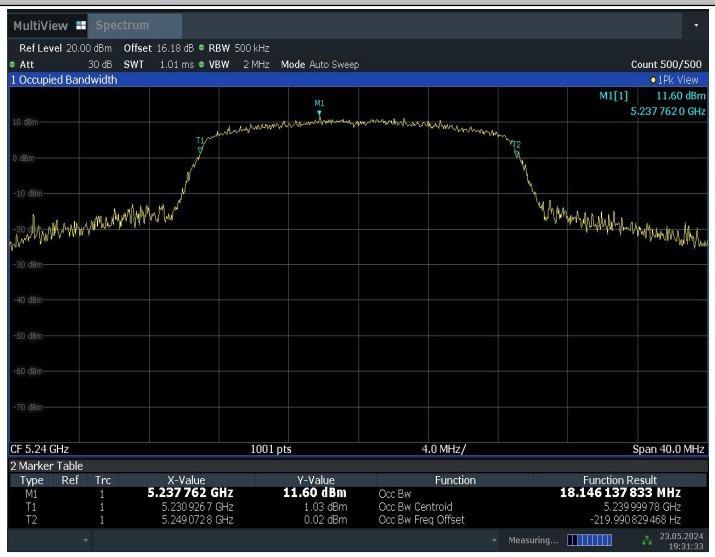
19:30:11 23.05.2024

11AC20_5240



19:31:34 23.05.2024

11AC40_5190

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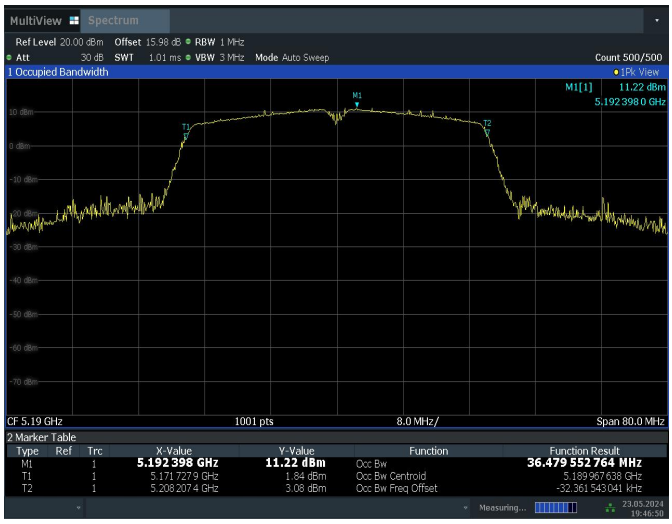

19:46:50 23.05.2024

11AC40_5230

19:47:59 23.05.2024

11AC80_5210

20:04:55 23.05.2024

Conclusion: PASS

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A.8. Power control

A Transmission Power Control mechanism is not required for systems with an e.i.r.p. of less than 27dBm (500 mW).

A.9. Antenna Requirement

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

The unit complies with the requirement of FCC Part 15.203.

ANNEX B: EUT parameters

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

ANNEX C: Accreditation Certificate

Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

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

Presented this 26th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2024

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

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

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