

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)
15779.467	42.15	-26.97	38.48	30.64	54.00	11.85	H
15783.133	42.01	-26.97	38.48	30.50	54.00	11.99	H
12312.633	37.59	-31.10	38.94	29.75	54.00	16.41	V
12215.833	37.53	-31.43	38.99	29.97	54.00	16.47	V
8346.400	34.29	-34.50	37.68	31.11	54.00	19.71	H
9079.000	33.87	-33.76	38.13	29.50	54.00	20.13	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)
17976.533	41.14	-25.50	46.66	19.98	54.00	12.86	V
17967.733	40.62	-25.50	46.66	19.46	54.00	13.38	V
12331.333	37.56	-31.10	38.94	29.72	54.00	16.44	H
12267.900	37.45	-31.43	38.99	29.89	54.00	16.55	H
8398.100	33.73	-34.50	37.68	30.55	54.00	20.27	V
8496.733	33.70	-34.13	37.86	29.96	54.00	20.30	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)
17973.600	40.66	-25.50	46.66	19.50	54.00	13.34	V
17931.433	40.59	-25.50	46.66	19.43	54.00	13.41	H
12332.800	37.72	-31.10	38.94	29.88	54.00	16.28	H
12289.533	37.47	-31.10	38.94	29.63	54.00	16.53	V
5350.576	52.68	-27.43	34.01	46.10	54.00	1.32	H
5350.864	52.63	-27.43	34.01	46.05	54.00	1.37	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)
17945.550	41.16	-25.50	46.66	20.00	54.00	12.84	H
17953.250	41.04	-25.50	46.66	19.88	54.00	12.96	H
13307.400	38.19	-29.49	39.71	27.97	54.00	15.81	V
13328.850	38.13	-29.49	39.71	27.91	54.00	15.87	H
5459.965	45.16	-27.18	34.17	38.17	54.00	8.84	H
5459.590	44.82	-27.18	34.17	37.83	54.00	9.18	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	40.53	-25.50	46.66	19.37	54.00	13.47	H
17937.300	40.50	-25.50	46.66	19.34	54.00	13.50	V
14498.700	37.96	-28.59	42.46	24.09	54.00	16.04	V
13276.600	37.92	-29.67	39.55	28.04	54.00	16.08	H
11863.650	36.60	-31.85	39.05	29.40	54.00	17.40	H
11777.300	36.39	-31.99	38.98	29.40	54.00	17.61	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)
17915.300	40.12	-25.50	46.66	18.96	54.00	13.88	V
17974.150	39.80	-25.50	46.66	18.64	54.00	14.20	H
14495.400	36.93	-28.59	42.46	23.06	54.00	17.07	H
14497.050	36.89	-28.59	42.46	23.02	54.00	17.11	V
11272.400	36.02	-32.36	38.77	29.62	54.00	17.98	V
11766.850	35.97	-31.99	38.98	28.98	54.00	18.03	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)
17911.450	39.33	-25.50	46.66	18.17	54.00	14.67	V
17924.100	39.20	-25.50	46.66	18.04	54.00	14.80	V
14496.500	36.34	-28.59	42.46	22.47	54.00	17.66	H
14495.400	36.31	-28.59	42.46	22.44	54.00	17.69	H
5149.700	53.18	-27.61	33.67	47.12	54.00	0.82	H
5149.900	53.04	-27.61	33.67	46.98	54.00	0.96	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)
17945.550	39.44	-25.50	46.66	18.28	54.00	14.56	H
17965.350	39.36	-25.50	46.66	18.20	54.00	14.64	H
14489.350	36.67	-28.59	42.46	22.80	54.00	17.33	H
14499.250	36.59	-28.59	42.46	22.72	54.00	17.41	V
11780.050	35.56	-31.99	38.98	28.57	54.00	18.44	V
11902.150	35.53	-31.85	39.05	28.33	54.00	18.47	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)
17993.950	39.50	-25.50	46.66	18.34	54.00	14.50	V
17937.300	39.33	-25.50	46.66	18.17	54.00	14.67	H
14483.850	36.24	-28.59	42.46	22.37	54.00	17.76	V
14470.100	36.15	-28.59	42.46	22.28	54.00	17.85	V
11785.550	35.83	-31.99	38.98	28.84	54.00	18.17	V
11781.150	35.69	-31.99	38.98	28.70	54.00	18.31	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17973.233	40.88	-25.50	46.66	19.72	54.00	13.12	H
17971.400	40.72	-25.50	46.66	19.56	54.00	13.28	V
12332.800	37.18	-31.10	38.94	29.34	54.00	16.82	V
12330.233	37.14	-31.10	38.94	29.30	54.00	16.86	H
8174.067	33.87	-35.19	37.45	31.62	54.00	20.13	H
8200.467	33.87	-35.19	37.45	31.62	54.00	20.13	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)
17953.800	41.22	-25.50	46.66	20.06	54.00	12.78	H
17962.967	41.20	-25.50	46.66	20.04	54.00	12.80	H
12330.967	37.74	-31.10	38.94	29.90	54.00	16.26	H
12293.200	37.65	-31.10	38.94	29.81	54.00	16.35	V
9108.700	34.04	-33.85	38.08	29.81	54.00	19.96	V
9110.900	34.02	-33.85	38.08	29.79	54.00	19.98	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)
17957.100	40.75	-25.50	46.66	19.59	54.00	13.25	V
17948.667	40.52	-25.50	46.66	19.36	54.00	13.48	H
12332.800	37.46	-31.10	38.94	29.62	54.00	16.54	V
12222.800	37.25	-31.43	38.99	29.69	54.00	16.75	V
5350.064	53.42	-27.43	34.01	46.84	54.00	0.58	H
5350.512	53.23	-27.43	34.01	46.65	54.00	0.77	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)
17892.200	39.92	-25.50	46.66	18.76	54.00	14.08	V
17936.750	39.86	-25.50	46.66	18.70	54.00	14.14	H
12687.550	36.96	-30.47	39.06	28.37	54.00	17.04	V
13300.250	36.65	-29.49	39.71	26.43	54.00	17.35	V
5458.990	44.59	-27.18	34.17	37.60	54.00	9.41	H
5459.665	44.17	-27.18	34.17	37.18	54.00	9.83	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)
17924.650	39.81	-25.50	46.66	18.65	54.00	14.19	V
17941.700	39.64	-25.50	46.66	18.48	54.00	14.36	V
14492.100	37.04	-28.59	42.46	23.17	54.00	16.96	H
13332.700	36.97	-29.49	39.71	26.75	54.00	17.03	H
11854.850	36.37	-31.85	39.05	29.17	54.00	17.63	H
11785.000	36.20	-31.99	38.98	29.21	54.00	17.80	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)
17929.050	39.67	-25.50	46.66	18.51	54.00	14.33	H
17962.600	39.63	-25.50	46.66	18.47	54.00	14.37	H
13272.750	36.80	-29.67	39.55	26.92	54.00	17.20	H
14481.100	36.67	-28.59	42.46	22.80	54.00	17.33	V
11778.400	36.51	-31.99	38.98	29.52	54.00	17.49	V
11244.350	35.91	-32.36	38.77	29.51	54.00	18.09	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)
17889.450	39.23	-25.50	46.66	18.07	54.00	14.77	H
17929.600	39.22	-25.50	46.66	18.06	54.00	14.78	V
14495.400	36.48	-28.59	42.46	22.61	54.00	17.52	H
13301.900	36.25	-29.49	39.71	26.03	54.00	17.75	V
5149.800	52.98	-27.61	33.67	46.92	54.00	1.02	H
5150.000	52.94	-27.61	33.67	46.88	54.00	1.06	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)
17985.150	39.41	-25.50	46.66	18.25	54.00	14.59	H
17923.550	39.40	-25.50	46.66	18.24	54.00	14.60	V
14496.500	36.33	-28.59	42.46	22.46	54.00	17.67	H
14495.400	36.32	-28.59	42.46	22.45	54.00	17.68	H
11775.650	35.67	-31.99	38.98	28.68	54.00	18.33	H
11788.300	35.64	-31.99	38.98	28.65	54.00	18.36	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)
17930.150	39.41	-25.50	46.66	18.25	54.00	14.59	V
17943.900	39.36	-25.50	46.66	18.20	54.00	14.64	H
14494.850	36.56	-28.59	42.46	22.69	54.00	17.44	H
14478.350	36.28	-28.59	42.46	22.41	54.00	17.72	H
11858.150	35.81	-31.85	39.05	28.61	54.00	18.19	V
11787.750	35.75	-31.99	38.98	28.76	54.00	18.25	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)
17982.400	39.60	-25.50	46.66	18.44	54.00	14.40	V
17992.850	39.44	-25.50	46.66	18.28	54.00	14.56	H
13338.200	36.20	-29.49	39.71	25.98	54.00	17.80	V
13296.400	36.18	-29.49	39.71	25.96	54.00	17.82	H
5350.112	53.05	-27.43	34.01	46.47	54.00	0.95	H
5350.128	51.69	-27.43	34.01	45.11	54.00	2.31	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)
17997.250	39.84	-25.50	46.66	18.68	54.00	14.16	H
17839.950	39.70	-25.50	46.66	18.54	54.00	14.30	H
14496.500	36.65	-28.59	42.46	22.78	54.00	17.35	H
13307.950	36.61	-29.49	39.71	26.39	54.00	17.39	V
5458.420	43.73	-27.18	34.17	36.74	54.00	10.27	H
5458.150	43.57	-27.18	34.17	36.58	54.00	10.43	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)
17951.600	39.66	-25.50	46.66	18.50	54.00	14.34	V
17970.850	39.62	-25.50	46.66	18.46	54.00	14.38	V
14499.250	36.98	-28.59	42.46	23.11	54.00	17.02	V
13326.650	36.97	-29.49	39.71	26.75	54.00	17.03	H
11820.200	36.05	-31.85	39.05	28.85	54.00	17.95	V
11879.600	35.93	-31.85	39.05	28.73	54.00	18.07	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)
17932.900	39.93	-25.50	46.66	18.77	54.00	14.07	H
17941.150	39.83	-25.50	46.66	18.67	54.00	14.17	H
14495.400	36.62	-28.59	42.46	22.75	54.00	17.38	H
14489.350	36.60	-28.59	42.46	22.73	54.00	17.40	V
11879.050	35.84	-31.85	39.05	28.64	54.00	18.16	H
11821.300	35.80	-31.85	39.05	28.60	54.00	18.20	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)
17987.350	39.42	-25.50	46.66	18.26	54.00	14.58	H
17930.700	39.40	-25.50	46.66	18.24	54.00	14.60	H
14497.050	36.48	-28.59	42.46	22.61	54.00	17.52	V
13298.050	36.30	-29.49	39.71	26.08	54.00	17.70	V
5149.860	49.62	-27.61	33.67	43.56	54.00	4.38	H
5149.980	49.28	-27.61	33.67	43.22	54.00	4.72	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)
17956.000	39.83	-25.50	46.66	18.67	54.00	14.17	H
17936.750	39.70	-25.50	46.66	18.54	54.00	14.30	V
13339.300	36.35	-29.49	39.71	26.13	54.00	17.65	V
14483.300	36.30	-28.59	42.46	22.43	54.00	17.70	V
11767.950	35.79	-31.99	38.98	28.80	54.00	18.21	V
11885.650	35.74	-31.85	39.05	28.54	54.00	18.26	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)
17986.800	39.40	-25.50	46.66	18.24	54.00	14.60	V
17937.300	39.36	-25.50	46.66	18.20	54.00	14.64	V
14499.250	36.33	-28.59	42.46	22.46	54.00	17.67	V
14475.050	36.21	-28.59	42.46	22.34	54.00	17.79	H
11769.050	36.12	-31.99	38.98	29.13	54.00	17.88	V
11767.950	35.84	-31.99	38.98	28.85	54.00	18.16	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)
17943.900	40.78	-25.50	46.66	19.62	54.00	13.22	V
17975.800	40.73	-25.50	46.66	19.57	54.00	13.27	H
12331.700	37.51	-31.10	38.94	29.67	54.00	16.49	H
12288.433	37.27	-31.10	38.94	29.43	54.00	16.73	V
9045.633	33.74	-33.76	38.13	29.37	54.00	20.26	H
9056.267	33.74	-33.76	38.13	29.37	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)
17932.167	41.29	-25.50	46.66	20.13	54.00	12.71	V
17934.000	40.99	-25.50	46.66	19.83	54.00	13.01	H
12332.800	37.90	-31.10	38.94	30.06	54.00	16.10	H
12330.967	37.60	-31.10	38.94	29.76	54.00	16.40	H
9438.333	33.87	-32.95	37.91	28.90	54.00	20.13	H
9036.467	33.71	-33.76	38.13	29.34	54.00	20.29	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)
17975.067	41.28	-25.50	46.66	20.12	54.00	12.72	H
17951.967	41.13	-25.50	46.66	19.97	54.00	12.87	V
12332.800	37.30	-31.10	38.94	29.46	54.00	16.70	H
12291.367	37.20	-31.10	38.94	29.36	54.00	16.80	V
5350.128	47.73	-27.43	34.01	41.15	54.00	6.27	H
5350.640	47.54	-27.43	34.01	40.96	54.00	6.46	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17941.150	39.85	-25.50	46.66	18.69	54.00	14.15	V
17994.500	39.79	-25.50	46.66	18.63	54.00	14.21	H
14492.100	36.85	-28.59	42.46	22.98	54.00	17.15	H
14496.500	36.76	-28.59	42.46	22.89	54.00	17.24	H
5458.885	43.96	-27.18	34.17	36.97	54.00	10.04	H
5459.485	43.20	-27.18	34.17	36.21	54.00	10.80	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)
17924.100	39.90	-25.50	46.66	18.74	54.00	14.10	H
17924.650	39.47	-25.50	46.66	18.31	54.00	14.53	H
13296.950	36.38	-29.49	39.71	26.16	54.00	17.62	V
14480.000	36.37	-28.59	42.46	22.50	54.00	17.63	H
11776.200	35.69	-31.99	38.98	28.70	54.00	18.31	V
11767.950	35.56	-31.99	38.98	28.57	54.00	18.44	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)
17908.150	39.63	-25.50	46.66	18.47	54.00	14.37	V
17966.450	39.43	-25.50	46.66	18.27	54.00	14.57	H
14491.550	36.54	-28.59	42.46	22.67	54.00	17.46	V
14481.650	36.33	-28.59	42.46	22.46	54.00	17.67	H
11858.700	35.83	-31.85	39.05	28.63	54.00	18.17	V
11797.650	35.57	-31.85	39.05	28.37	54.00	18.43	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)
17937.300	39.37	-25.50	46.66	18.21	54.00	14.63	V
17937.850	39.22	-25.50	46.66	18.06	54.00	14.78	H
14498.150	36.53	-28.59	42.46	22.66	54.00	17.47	H
13327.750	36.44	-29.49	39.71	26.22	54.00	17.56	V
5149.420	50.19	-27.61	33.67	44.13	54.00	3.81	H
5149.980	49.75	-27.61	33.67	43.69	54.00	4.25	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)
17981.850	39.38	-25.50	46.66	18.22	54.00	14.62	H
17930.700	39.14	-25.50	46.66	17.98	54.00	14.86	H
14482.200	36.28	-28.59	42.46	22.41	54.00	17.72	V
14498.700	36.26	-28.59	42.46	22.39	54.00	17.74	V
11830.100	35.84	-31.85	39.05	28.64	54.00	18.16	V
11863.650	35.67	-31.85	39.05	28.47	54.00	18.33	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)
17908.150	39.48	-25.50	46.66	18.32	54.00	14.52	H
17918.600	39.18	-25.50	46.66	18.02	54.00	14.82	H
14488.800	36.79	-28.59	42.46	22.92	54.00	17.21	H
14488.250	36.19	-28.59	42.46	22.32	54.00	17.81	H
11394.500	35.75	-32.42	38.79	29.38	54.00	18.25	V
11868.600	35.59	-31.85	39.05	28.39	54.00	18.41	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)
17992.850	39.80	-25.50	46.66	18.64	54.00	14.20	H
17981.850	39.75	-25.50	46.66	18.59	54.00	14.25	V
14488.250	36.66	-28.59	42.46	22.79	54.00	17.34	H
14491.550	36.56	-28.59	42.46	22.69	54.00	17.44	V
5350.032	52.85	-27.43	34.01	46.27	54.00	1.15	H
5352.144	52.10	-27.43	34.01	45.52	54.00	1.90	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)
17939.500	39.65	-25.50	46.66	18.49	54.00	14.35	V
17993.950	39.54	-25.50	46.66	18.38	54.00	14.46	H
14493.750	36.86	-28.59	42.46	22.99	54.00	17.14	V
13271.100	36.62	-29.67	39.55	26.74	54.00	17.38	V
5459.545	43.65	-27.18	34.17	36.66	54.00	10.35	H
5458.945	43.56	-27.18	34.17	36.57	54.00	10.44	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)
17936.200	39.71	-25.50	46.66	18.55	54.00	14.29	V
17940.050	39.71	-25.50	46.66	18.55	54.00	14.29	H
13282.650	36.87	-29.67	39.55	26.99	54.00	17.13	H
14474.500	36.59	-28.59	42.46	22.72	54.00	17.41	H
11816.350	36.04	-31.85	39.05	28.84	54.00	17.96	H
11785.550	35.95	-31.99	38.98	28.96	54.00	18.05	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)
17932.900	39.78	-25.50	46.66	18.62	54.00	14.22	V
17936.200	39.77	-25.50	46.66	18.61	54.00	14.23	H
13298.600	36.70	-29.49	39.71	26.48	54.00	17.30	V
13332.150	36.63	-29.49	39.71	26.41	54.00	17.37	H
11865.300	36.18	-31.85	39.05	28.98	54.00	17.82	V
11868.050	36.12	-31.85	39.05	28.92	54.00	17.88	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)
17914.750	39.55	-25.50	46.66	18.39	54.00	14.45	H
17913.100	39.39	-25.50	46.66	18.23	54.00	14.61	V
14498.700	36.85	-28.59	42.46	22.98	54.00	17.15	V
14491.550	36.42	-28.59	42.46	22.55	54.00	17.58	V
5149.580	51.69	-27.61	33.67	45.63	54.00	2.31	H
5149.680	51.55	-27.61	33.67	45.49	54.00	2.45	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)
17941.700	39.70	-25.50	46.66	18.54	54.00	14.30	V
17993.950	39.42	-25.50	46.66	18.26	54.00	14.58	V
14499.800	36.64	-28.59	42.46	22.77	54.00	17.36	H
14496.500	36.36	-28.59	42.46	22.49	54.00	17.64	V
5355.664	53.58	-27.43	34.01	47.00	54.00	0.42	H
5351.040	53.51	-27.43	34.01	46.93	54.00	0.49	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)
17924.100	39.82	-25.50	46.66	18.66	54.00	14.18	H
17975.800	39.76	-25.50	46.66	18.60	54.00	14.24	V
14498.150	36.82	-28.59	42.46	22.95	54.00	17.18	V
13295.300	36.72	-29.49	39.71	26.50	54.00	17.28	H
5459.185	49.40	-27.18	34.17	42.41	54.00	4.60	H
5458.555	49.15	-27.18	34.17	42.16	54.00	4.85	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)
17932.900	39.76	-25.50	46.66	18.60	54.00	14.24	H
17925.750	39.71	-25.50	46.66	18.55	54.00	14.29	V
13312.900	36.54	-29.49	39.71	26.32	54.00	17.46	V
14478.350	36.51	-28.59	42.46	22.64	54.00	17.49	H
11776.200	35.96	-31.99	38.98	28.97	54.00	18.04	H
11820.750	35.74	-31.85	39.05	28.54	54.00	18.26	H

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)
17572.100	50.41	-25.74	45.95	30.20	68.20	17.79	H
17953.250	50.22	-25.50	46.66	29.06	74.00	23.78	H
13721.550	48.83	-29.10	40.86	37.06	68.20	19.37	V
14209.400	48.40	-28.99	42.00	35.38	68.20	19.80	H
5147.980	69.14	-27.61	33.67	63.08	74.00	4.86	H
5149.740	68.81	-27.61	33.67	62.75	74.00	5.19	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)
17346.050	50.56	-25.95	44.35	32.15	68.20	17.64	H
17355.400	50.55	-25.95	44.35	32.14	68.20	17.65	V
14123.050	48.64	-28.99	42.00	35.62	68.20	19.56	H
13766.100	48.55	-29.10	40.86	36.78	68.20	19.65	V
11143.150	46.41	-32.60	38.75	40.27	74.00	27.59	H
11619.450	46.33	-32.31	38.91	39.74	74.00	27.67	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)
17551.750	50.52	-26.85	45.25	32.12	68.20	17.68	H
17464.850	50.26	-26.85	45.25	31.86	68.20	17.94	V
13729.800	48.27	-29.10	40.86	36.50	68.20	19.93	H
13709.450	47.86	-29.10	40.86	36.09	68.20	20.34	V
11628.800	46.94	-32.31	38.91	40.35	74.00	27.06	V
11914.800	46.39	-31.48	39.09	38.78	74.00	27.61	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)
17975.800	49.85	-25.50	46.66	28.69	74.00	24.15	V
17895.867	49.55	-25.50	46.66	28.39	74.00	24.45	H
12311.167	46.49	-31.10	38.94	38.65	74.00	27.51	V
12244.433	45.59	-31.43	38.99	38.03	74.00	28.41	H
10253.067	43.51	-33.33	38.15	38.69	68.20	24.69	V
8925.367	43.22	-33.54	38.14	38.61	68.20	24.98	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)
16606.667	49.31	-26.87	40.65	35.53	68.20	18.89	V
17954.900	49.31	-25.50	46.66	28.15	74.00	24.69	V
11944.133	45.75	-31.48	39.09	38.14	74.00	28.25	H
12038.000	45.60	-31.59	39.04	38.15	74.00	28.40	H
10250.867	43.76	-33.33	38.15	38.94	68.20	24.44	H
10122.533	43.50	-33.45	38.13	38.82	68.20	24.70	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)
15994.333	49.70	-27.35	38.54	38.51	74.00	24.30	H
15958.767	49.12	-27.35	38.54	37.93	74.00	24.88	V
12291.733	46.08	-31.10	38.94	38.24	74.00	27.92	V
12331.700	46.04	-31.10	38.94	38.20	74.00	27.96	V
5350.032	70.83	-27.43	34.01	64.25	74.00	3.17	H
5350.064	69.36	-27.43	34.01	62.78	74.00	4.64	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)
17395.000	52.52	-26.85	45.25	34.12	68.20	15.68	H
17001.750	52.23	-26.32	42.36	36.18	68.20	15.97	V
13742.450	50.29	-29.10	40.86	38.52	68.20	17.91	V
14101.600	50.21	-29.44	41.66	37.99	68.20	17.99	H
5458.360	62.73	-27.18	34.17	55.74	74.00	11.27	H
5469.730	67.42	-27.18	34.17	60.43	68.20	0.78	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)
17369.700	52.16	-25.95	44.35	33.75	68.20	16.04	H
17934.000	51.66	-25.50	46.66	30.50	74.00	22.34	V
13606.050	49.44	-29.50	40.43	38.51	68.20	18.76	H
13641.800	49.39	-29.50	40.43	38.46	68.20	18.81	H
11259.750	47.70	-32.36	38.77	41.30	74.00	26.30	V
11228.400	46.92	-32.36	38.77	40.52	74.00	27.08	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)
17365.850	51.52	-25.95	44.35	33.11	68.20	16.68	H
17348.800	50.95	-25.95	44.35	32.54	68.20	17.25	V
13661.600	49.35	-29.50	40.43	38.42	68.20	18.85	H
13548.850	49.21	-29.56	39.99	38.78	68.20	18.99	V
5725.495	66.92	-27.07	34.31	59.68	68.20	1.28	H
5725.950	65.16	-27.07	34.31	57.92	68.20	3.04	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)
17875.700	51.11	-25.50	46.66	29.95	74.00	22.89	V
17563.850	50.52	-25.74	45.95	30.31	68.20	17.68	H
13725.400	48.59	-29.10	40.86	36.82	68.20	19.61	H
14121.400	48.43	-28.99	42.00	35.41	68.20	19.77	V
5149.840	69.82	-27.61	33.67	63.76	74.00	4.18	H
5145.940	68.66	-27.61	33.67	62.60	74.00	5.34	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)
17544.600	50.59	-26.85	45.25	32.19	68.20	17.61	V
17360.900	50.20	-25.95	44.35	31.79	68.20	18.00	V
14125.800	48.48	-28.99	42.00	35.46	68.20	19.72	V
14104.350	48.29	-29.44	41.66	36.07	68.20	19.91	V
11890.050	46.95	-31.85	39.05	39.75	74.00	27.05	H
11826.800	46.66	-31.85	39.05	39.46	74.00	27.34	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)
17354.300	50.26	-25.95	44.35	31.85	68.20	17.94	V
17405.450	50.26	-26.85	45.25	31.86	68.20	17.94	H
14581.200	48.85	-27.29	41.90	34.24	68.20	19.35	V
13551.050	48.50	-29.56	39.99	38.07	68.20	19.70	V
11877.950	46.60	-31.85	39.05	39.40	74.00	27.40	V
11871.900	46.23	-31.85	39.05	39.03	74.00	27.77	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)
17958.200	49.37	-25.50	46.66	28.21	74.00	24.63	V
17022.100	49.09	-26.32	42.36	33.04	68.20	19.11	H
12222.800	46.54	-31.43	38.99	38.98	74.00	27.46	H
12305.667	45.96	-31.10	38.94	38.12	74.00	28.04	V
10249.400	43.21	-33.33	38.15	38.39	68.20	24.99	V
10055.067	43.10	-33.63	38.11	38.62	68.20	25.10	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)
17340.733	49.84	-25.95	44.35	31.43	68.20	18.36	H
17440.833	49.83	-26.85	45.25	31.43	68.20	18.37	V
11875.567	45.26	-31.85	39.05	38.06	74.00	28.74	V
12287.333	45.11	-31.10	38.94	37.27	74.00	28.89	V
10245.733	43.50	-33.33	38.15	38.68	68.20	24.70	H
10102.733	43.15	-33.45	38.13	38.47	68.20	25.05	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)
17979.467	49.82	-25.50	46.66	28.66	74.00	24.18	V
17089.933	49.41	-26.60	43.36	32.65	68.20	18.79	V
11697.733	45.70	-31.99	38.98	38.71	74.00	28.30	H
12219.867	45.67	-31.43	38.99	38.11	74.00	28.33	H
5353.632	69.79	-27.43	34.01	63.21	74.00	4.21	H
5350.160	69.49	-27.43	34.01	62.91	74.00	4.51	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17998.350	50.71	-25.50	46.66	29.55	74.00	23.29	V
17232.200	50.68	-25.95	44.35	32.27	68.20	17.52	V
13794.700	48.70	-29.10	40.86	36.93	68.20	19.50	H
13587.900	48.69	-29.50	40.43	37.76	68.20	19.51	V
5459.860	61.20	-27.18	34.17	54.21	74.00	12.80	H
5469.985	67.95	-27.18	34.17	60.96	68.20	0.25	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)
17468.700	51.22	-26.85	45.25	32.82	68.20	16.98	V
17900.450	50.77	-25.50	46.66	29.61	74.00	23.23	H
13569.200	49.72	-29.50	40.43	38.79	68.20	18.48	V
13682.500	48.58	-29.50	40.43	37.65	68.20	19.62	V
11819.650	46.63	-31.85	39.05	39.43	74.00	27.37	V
11843.300	46.47	-31.85	39.05	39.27	74.00	27.53	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)
17972.500	50.89	-25.50	46.66	29.73	74.00	23.11	H
17242.650	50.60	-25.95	44.35	32.19	68.20	17.60	V
13547.200	49.07	-29.56	39.99	38.64	68.20	19.13	V
13699.000	48.98	-29.10	40.86	37.21	68.20	19.22	V
5726.038	66.03	-27.07	34.31	58.79	68.20	2.17	H
5727.560	66.01	-27.07	34.31	58.77	68.20	2.19	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)
17931.250	50.56	-25.50	46.66	29.40	74.00	23.44	V
17925.750	50.16	-25.50	46.66	29.00	74.00	23.84	H
14528.950	48.98	-28.59	42.46	35.11	68.20	19.22	V
13756.750	48.29	-29.10	40.86	36.52	68.20	19.91	H
5149.720	72.70	-27.61	33.67	66.64	74.00	1.30	H
5148.960	71.25	-27.61	33.67	65.19	74.00	2.75	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17435.150	50.11	-26.85	45.25	31.71	68.20	18.09	V
17236.050	50.00	-25.95	44.35	31.59	68.20	18.20	V
13768.300	49.31	-29.10	40.86	37.54	68.20	18.89	H
13760.600	48.37	-29.10	40.86	36.60	68.20	19.83	V
11868.050	47.20	-31.85	39.05	40.00	74.00	26.80	H
11755.300	46.74	-31.99	38.98	39.75	74.00	27.26	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)
17864.700	50.67	-25.50	46.66	29.51	74.00	23.33	V
17353.750	50.27	-25.95	44.35	31.86	68.20	17.93	V
13630.250	48.84	-29.50	40.43	37.91	68.20	19.36	V
13711.650	48.19	-29.10	40.86	36.42	68.20	20.01	H
11750.900	46.49	-31.99	38.98	39.50	74.00	27.51	H
11864.200	46.32	-31.85	39.05	39.12	74.00	27.68	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)
17927.400	51.21	-25.50	46.66	30.05	74.00	22.79	V
17998.350	49.89	-25.50	46.66	28.73	74.00	24.11	H
13728.150	48.48	-29.10	40.86	36.71	68.20	19.72	H
13646.200	48.12	-29.50	40.43	37.19	68.20	20.08	H
5352.400	72.61	-27.43	34.01	66.03	74.00	1.39	H
5350.560	70.95	-27.43	34.01	64.37	74.00	3.05	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)
17360.350	51.21	-25.95	44.35	32.80	68.20	16.99	H
17806.400	50.54	-25.50	46.66	29.38	74.00	23.46	H
13714.400	49.17	-29.10	40.86	37.40	68.20	19.03	V
13695.700	48.75	-29.10	40.86	36.98	68.20	19.45	H
5459.890	61.78	-27.18	34.17	54.79	74.00	12.22	H
5469.730	68.05	-27.18	34.17	61.06	68.20	0.15	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)
17437.350	50.81	-26.85	45.25	32.41	68.20	17.39	V
16848.850	50.53	-26.62	41.49	35.66	68.20	17.67	H
14124.700	49.01	-28.99	42.00	35.99	68.20	19.19	V
14591.100	48.66	-27.29	41.90	34.05	68.20	19.54	H
11746.500	47.40	-31.99	38.98	40.41	74.00	26.60	H
11359.300	46.90	-32.42	38.79	40.53	74.00	27.10	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)
17941.700	50.94	-25.50	46.66	29.78	74.00	23.06	H
17879.550	50.66	-25.50	46.66	29.50	74.00	23.34	V
13715.500	48.73	-29.10	40.86	36.96	68.20	19.47	H
13637.950	48.70	-29.50	40.43	37.77	68.20	19.50	H
5729.783	68.04	-27.07	34.31	60.80	68.20	0.16	H
5727.525	67.84	-27.07	34.31	60.60	68.20	0.36	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)
17949.950	50.81	-25.50	46.66	29.65	74.00	23.19	V
17442.300	50.65	-26.85	45.25	32.25	68.20	17.55	V
13714.400	49.27	-29.10	40.86	37.50	68.20	18.93	H
13688.000	48.35	-29.50	40.43	37.42	68.20	19.85	V
5145.080	66.42	-27.61	33.67	60.36	74.00	7.58	H
5147.440	66.41	-27.61	33.67	60.35	74.00	7.59	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)
17248.150	50.11	-25.95	44.35	31.70	68.20	18.09	H
17958.200	49.95	-25.50	46.66	28.79	74.00	24.05	V
13719.350	48.46	-29.10	40.86	36.69	68.20	19.74	V
13744.650	48.46	-29.10	40.86	36.69	68.20	19.74	H
11757.500	46.52	-31.99	38.98	39.53	74.00	27.48	H
10858.250	45.94	-32.33	38.59	39.68	74.00	28.06	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)
17444.500	50.58	-26.85	45.25	32.18	68.20	17.62	H
17341.650	50.41	-25.95	44.35	32.00	68.20	17.79	H
13567.000	48.98	-29.50	40.43	38.05	68.20	19.22	H
14177.500	48.47	-28.99	42.00	35.45	68.20	19.73	V
11798.200	46.06	-31.85	39.05	38.86	74.00	27.94	H
11874.650	46.03	-31.85	39.05	38.83	74.00	27.97	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)
17975.800	49.32	-25.50	46.66	28.16	74.00	24.68	H
17872.767	49.13	-25.50	46.66	27.97	74.00	24.87	H
12288.433	45.73	-31.10	38.94	37.89	74.00	28.27	V
12018.567	45.57	-31.48	39.09	37.96	74.00	28.43	H
10154.800	43.55	-33.45	38.13	38.87	68.20	24.65	V
9623.500	43.14	-33.06	37.97	38.23	68.20	25.06	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)
16950.967	49.38	-26.32	42.36	33.33	68.20	18.82	H
16974.067	49.37	-26.32	42.36	33.32	68.20	18.83	H
12304.567	46.15	-31.10	38.94	38.31	74.00	27.85	V
12296.133	45.68	-31.10	38.94	37.84	74.00	28.32	H
9990.167	43.16	-33.63	38.11	38.68	68.20	25.04	H
10070.833	43.13	-33.45	38.13	38.45	68.20	25.07	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)
17934.367	49.99	-25.50	46.66	28.83	74.00	24.01	H
17966.633	49.37	-25.50	46.66	28.21	74.00	24.63	H
12331.700	46.85	-31.10	38.94	39.01	74.00	27.15	V
12262.033	46.20	-31.43	38.99	38.64	74.00	27.80	V
5350.560	65.91	-27.43	34.01	59.33	74.00	8.09	H
5352.288	65.32	-27.43	34.01	58.74	74.00	8.68	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)
17425.250	50.87	-26.85	45.25	32.47	68.20	17.33	H
17997.250	50.61	-25.50	46.66	29.45	74.00	23.39	H
14483.300	48.64	-28.59	42.46	34.77	74.00	25.36	H
14595.500	48.50	-27.29	41.90	33.89	68.20	19.70	V
5458.885	61.02	-27.18	34.17	54.03	74.00	12.98	H
5468.470	64.29	-27.18	34.17	57.30	68.20	3.91	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)
17375.750	50.20	-25.95	44.35	31.79	68.20	18.00	H
17415.350	50.10	-26.85	45.25	31.70	68.20	18.10	H
13734.750	48.52	-29.10	40.86	36.75	68.20	19.68	V
14690.650	48.06	-28.32	41.35	35.04	68.20	20.14	H
11819.650	46.87	-31.85	39.05	39.67	74.00	27.13	V
11851.550	46.56	-31.85	39.05	39.36	74.00	27.44	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)
17907.600	50.36	-25.50	46.66	29.20	74.00	23.64	V
16845.550	50.33	-26.62	41.49	35.46	68.20	17.87	V
13739.700	48.41	-29.10	40.86	36.64	68.20	19.79	V
14326.550	48.19	-28.42	42.34	34.27	68.20	20.01	H
5726.825	67.84	-27.07	34.31	60.60	68.20	0.36	H
5731.375	65.65	-27.07	34.31	58.41	68.20	2.55	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)
17393.900	50.65	-26.85	45.25	32.25	68.20	17.55	V
17438.450	50.65	-26.85	45.25	32.25	68.20	17.55	V
14093.900	49.19	-29.44	41.66	36.97	68.20	19.01	V
14598.250	48.75	-27.29	41.90	34.14	68.20	19.45	H
5149.700	68.12	-27.61	33.67	62.06	74.00	5.88	H
5148.340	67.24	-27.61	33.67	61.18	74.00	6.76	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)
17336.700	50.44	-25.95	44.35	32.03	68.20	17.76	H
17371.350	50.13	-25.95	44.35	31.72	68.20	18.07	V
13778.200	49.09	-29.10	40.86	37.32	68.20	19.11	V
13709.450	48.57	-29.10	40.86	36.80	68.20	19.63	V
11786.100	46.59	-31.99	38.98	39.60	74.00	27.41	V
11843.300	46.56	-31.85	39.05	39.36	74.00	27.44	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)
17352.650	50.47	-25.95	44.35	32.06	68.20	17.73	H
17363.650	50.39	-25.95	44.35	31.98	68.20	17.81	H
13745.200	48.73	-29.10	40.86	36.96	68.20	19.47	H
13664.350	48.47	-29.50	40.43	37.54	68.20	19.73	H
11778.950	46.47	-31.99	38.98	39.48	74.00	27.53	H
11899.950	46.08	-31.85	39.05	38.88	74.00	27.92	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)
17787.150	50.57	-25.50	46.66	29.41	74.00	23.43	V
17369.700	50.44	-25.95	44.35	32.03	68.20	17.76	H
13662.150	47.78	-29.50	40.43	36.85	68.20	20.42	V
13707.800	47.78	-29.10	40.86	36.01	68.20	20.42	V
5350.480	71.34	-27.43	34.01	64.76	74.00	2.66	H
5352.896	70.66	-27.43	34.01	64.08	74.00	3.34	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)
17387.300	50.63	-25.95	44.35	32.22	68.20	17.57	V
17352.100	50.50	-25.95	44.35	32.09	68.20	17.70	V
13655.000	49.58	-29.50	40.43	38.65	68.20	18.62	H
13721.550	48.68	-29.10	40.86	36.91	68.20	19.52	V
5459.815	59.77	-27.18	34.17	52.78	74.00	14.23	H
5469.550	68.06	-27.18	34.17	61.07	68.20	0.14	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)
17262.450	51.57	-25.95	44.35	33.16	68.20	16.63	V
17458.250	50.52	-26.85	45.25	32.12	68.20	17.68	V
13982.800	48.61	-29.44	41.66	36.39	68.20	19.59	H
13719.900	48.40	-29.10	40.86	36.63	68.20	19.80	H
11903.800	46.53	-31.85	39.05	39.33	74.00	27.47	H
11829.000	46.40	-31.85	39.05	39.20	74.00	27.60	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)
17964.800	51.04	-25.50	46.66	29.88	74.00	22.96	V
16757.550	50.47	-26.62	41.49	35.60	68.20	17.73	V
13638.500	48.55	-29.50	40.43	37.62	68.20	19.65	H
13690.200	48.35	-29.50	40.43	37.42	68.20	19.85	V
5727.070	66.87	-27.07	34.31	59.63	68.20	1.33	H
5731.462	65.62	-27.07	34.31	58.38	68.20	2.58	H

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Channel 42

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)
17926.850	50.12	-25.50	46.66	28.96	74.00	23.88	V
17460.450	49.94	-26.85	45.25	31.54	68.20	18.26	V
13729.800	48.11	-29.10	40.86	36.34	68.20	20.09	V
14077.950	47.94	-29.44	41.66	35.72	68.20	20.26	H
5350.912	69.98	-27.43	34.01	63.40	74.00	4.02	H
5354.672	69.87	-27.43	34.01	63.29	74.00	4.13	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)
17435.150	51.18	-26.85	45.25	32.78	68.20	17.02	H
17352.650	50.69	-25.95	44.35	32.28	68.20	17.51	H
14699.450	48.63	-28.32	41.35	35.61	68.20	19.57	V
13600.000	48.40	-29.50	40.43	37.47	68.20	19.80	H
5455.405	67.23	-27.18	34.17	60.24	74.00	6.77	H
5469.415	67.74	-27.18	34.17	60.75	68.20	0.46	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)
17954.350	51.67	-25.50	46.66	30.51	74.00	22.33	H
17957.650	50.53	-25.50	46.66	29.37	74.00	23.47	V
14575.700	48.43	-27.29	41.90	33.82	68.20	19.77	V
13658.300	48.41	-29.50	40.43	37.48	68.20	19.79	V
5725.163	67.68	-27.07	34.31	60.44	68.20	0.52	H
5734.017	66.96	-27.07	34.31	59.72	68.20	1.24	H

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

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement uncertainty:

Expanded measurement uncertainty for this test item is U =3.10dB, k=2.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger AE5		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.58	Fig.59	P
0.5 to 5	56			
5 to 30	60			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger AE5		
		802.11a	Idle	
0.15 to 0.5	67 56 to 46	Fig.58	Fig.59	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:

Traffic:

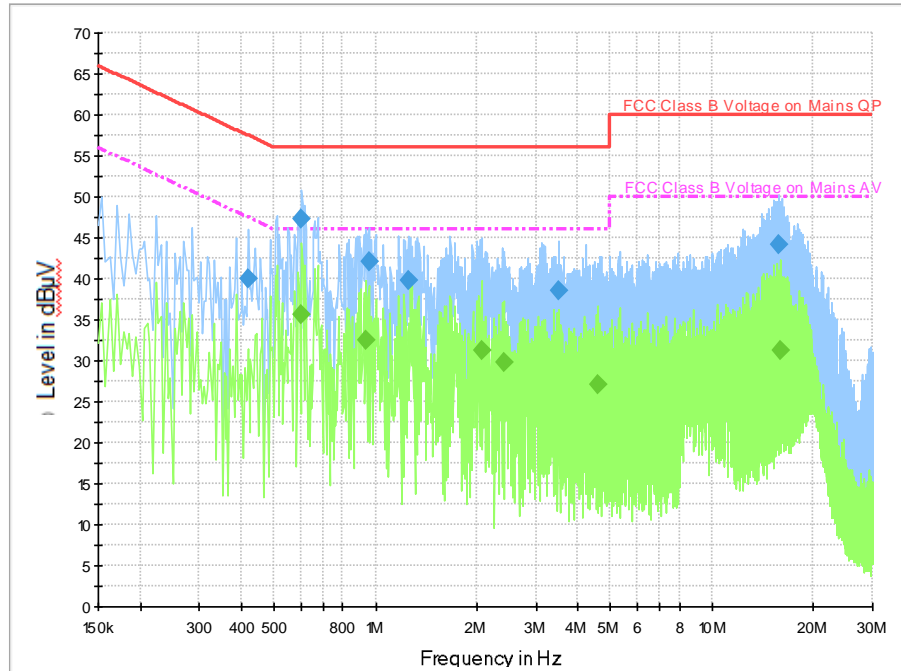


Fig.58 Conducted Emission (802.11a, Ch36, TX)

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.418000	40.0	2000.0	9.000	On	N	19.7	17.4	57.5
0.602000	47.2	2000.0	9.000	On	N	19.6	8.8	56.0
0.954000	42.1	2000.0	9.000	On	L1	19.7	13.9	56.0
1.250000	39.8	2000.0	9.000	On	L1	19.6	16.2	56.0
3.490000	38.5	2000.0	9.000	On	L1	19.6	17.5	56.0
15.730000	44.1	2000.0	9.000	On	L1	19.7	15.9	60.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.602000	35.5	2000.0	9.000	On	N	19.6	10.5	46.0
0.938000	32.6	2000.0	9.000	On	L1	19.7	13.4	46.0
2.062000	31.2	2000.0	9.000	On	L1	19.6	14.8	46.0
2.398000	29.9	2000.0	9.000	On	L1	19.6	16.1	46.0
4.562000	27.1	2000.0	9.000	On	L1	19.6	18.9	46.0
15.894000	31.3	2000.0	9.000	On	L1	19.7	18.7	50.0

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

Idle:

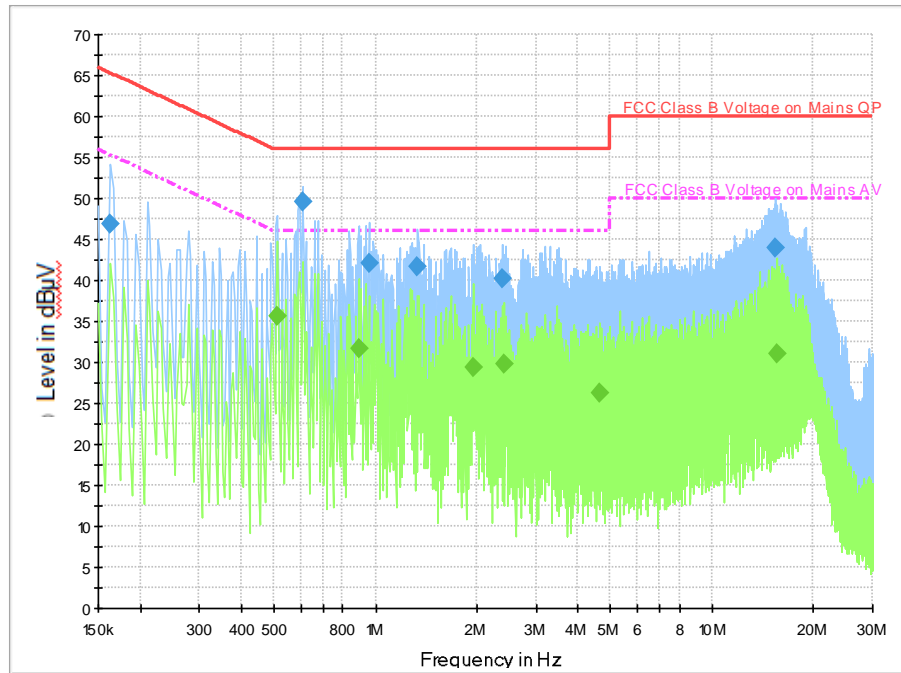


Fig.59 Conducted Emission(802.11a, IDLE)

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.162000	46.9	2000.0	9.000	On	N	19.7	18.4	65.4
0.606000	49.5	2000.0	9.000	On	L1	19.7	6.5	56.0
0.954000	42.2	2000.0	9.000	On	L1	19.7	13.8	56.0
1.334000	41.8	2000.0	9.000	On	L1	19.6	14.2	56.0
2.386000	40.2	2000.0	9.000	On	L1	19.6	15.8	56.0
15.398000	44.0	2000.0	9.000	On	L1	19.7	16.0	60.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.510000	35.7	2000.0	9.000	On	L1	19.7	10.3	46.0
0.890000	31.8	2000.0	9.000	On	L1	19.7	14.2	46.0
1.962000	29.3	2000.0	9.000	On	L1	19.6	16.7	46.0
2.402000	29.7	2000.0	9.000	On	L1	19.6	16.3	46.0
4.654000	26.3	2000.0	9.000	On	L1	19.6	19.7	46.0
15.530000	31.1	2000.0	9.000	On	L1	19.7	18.9	50.0

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

A.8. 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% of the 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
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Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
		Fig.	Value	
802.11a	5180 MHz	Fig.60	18.16	P
	5200 MHz	Fig.61	18.08	P
	5240 MHz	Fig.62	18.16	P
802.11n HT20	5180 MHz	Fig.63	18.84	P
	5200 MHz	Fig.64	18.88	P
	5240 MHz	Fig.65	18.92	P
802.11n HT40	5190 MHz	Fig.66	36.40	P
	5230 MHz	Fig.67	36.64	P
802.11ac HT80	5210 MHz	Fig.68	75.52	P

Conclusion: PASS
Test graphs as below:

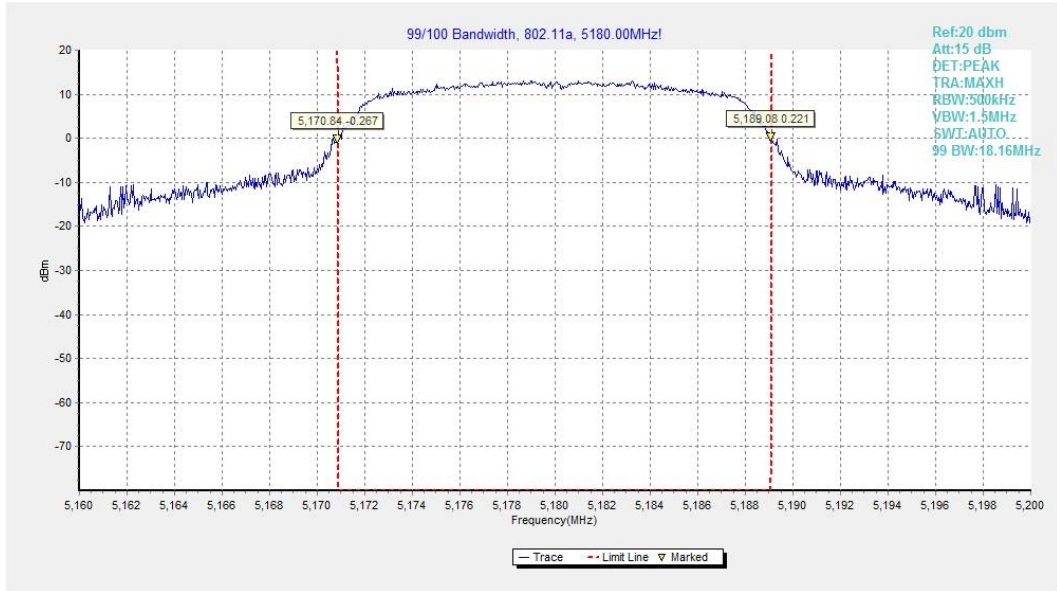


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

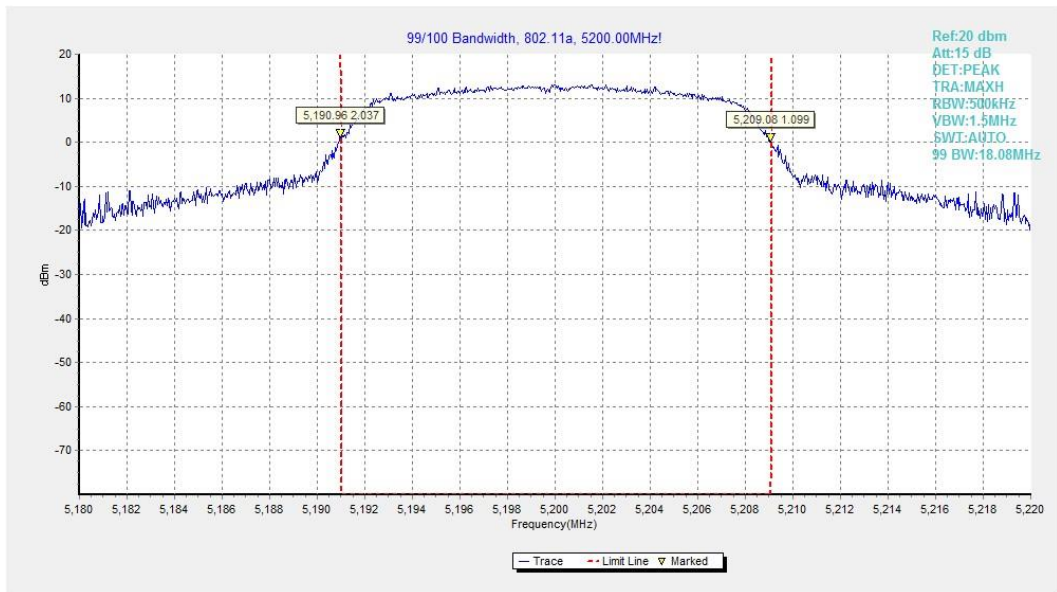


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

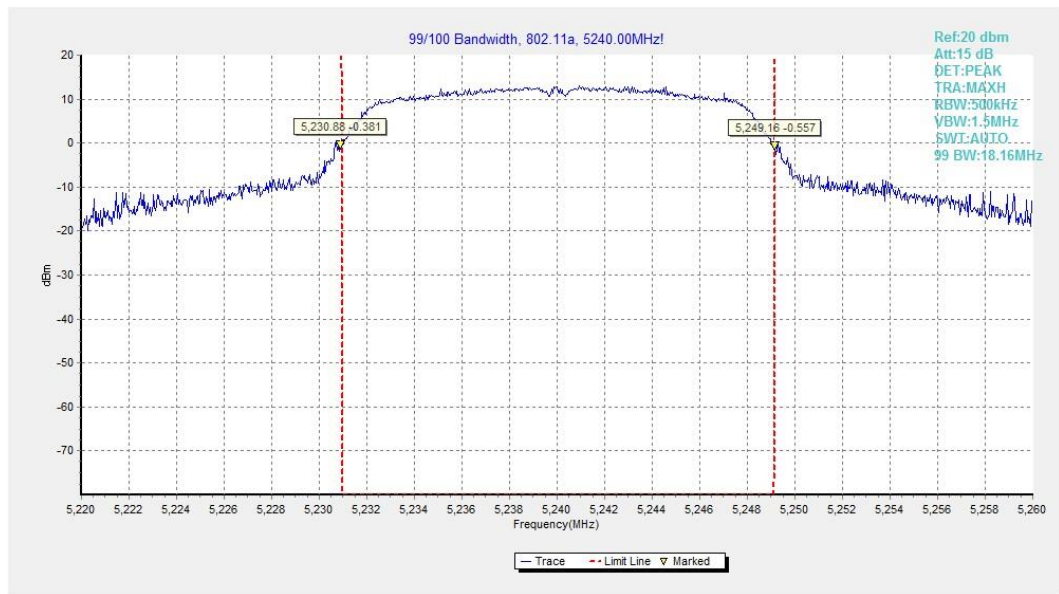


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

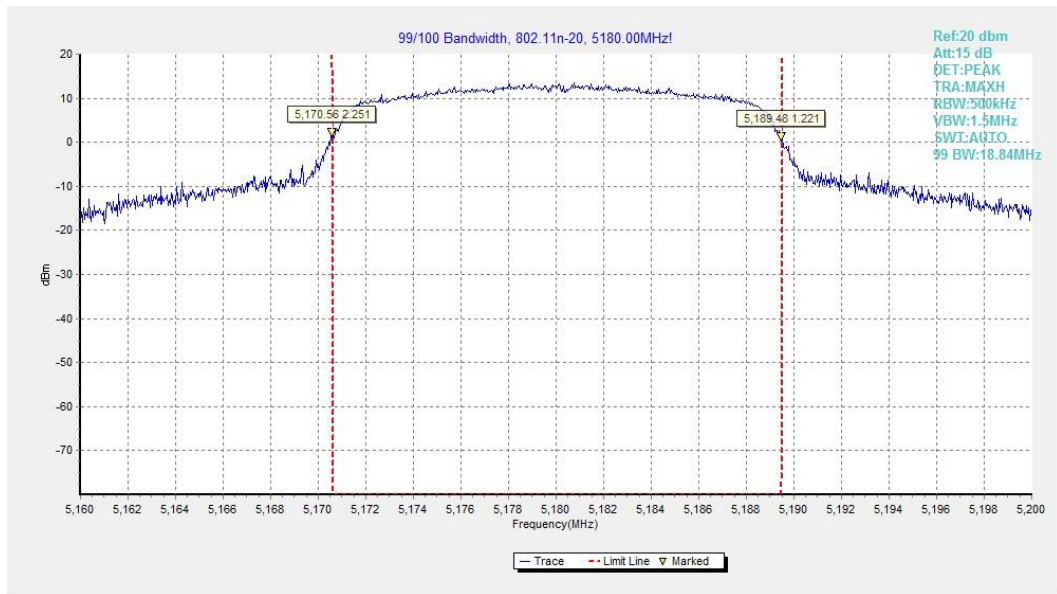


Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)



Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

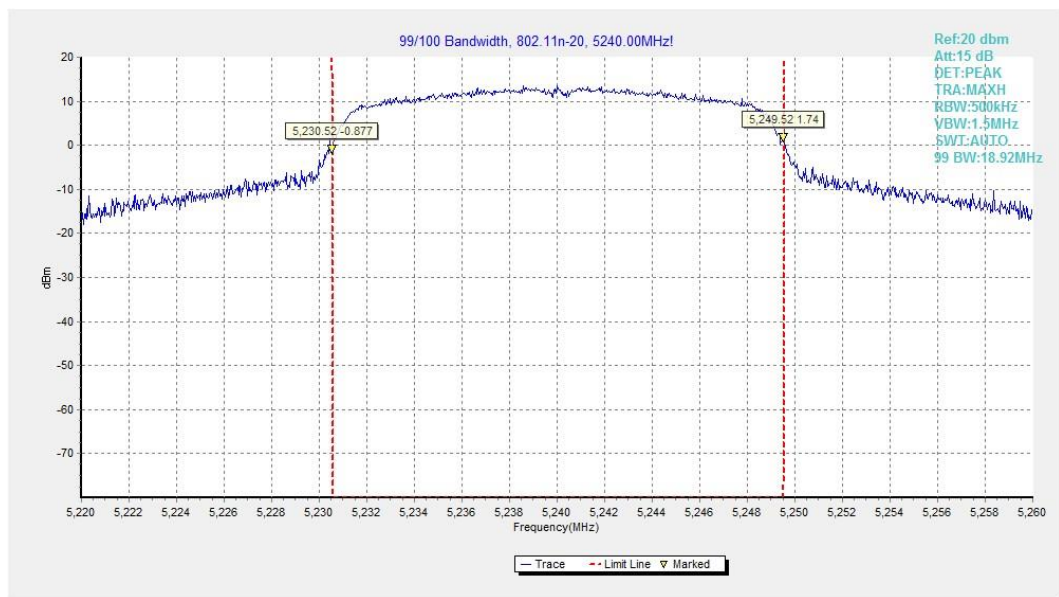


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)



Fig.66 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

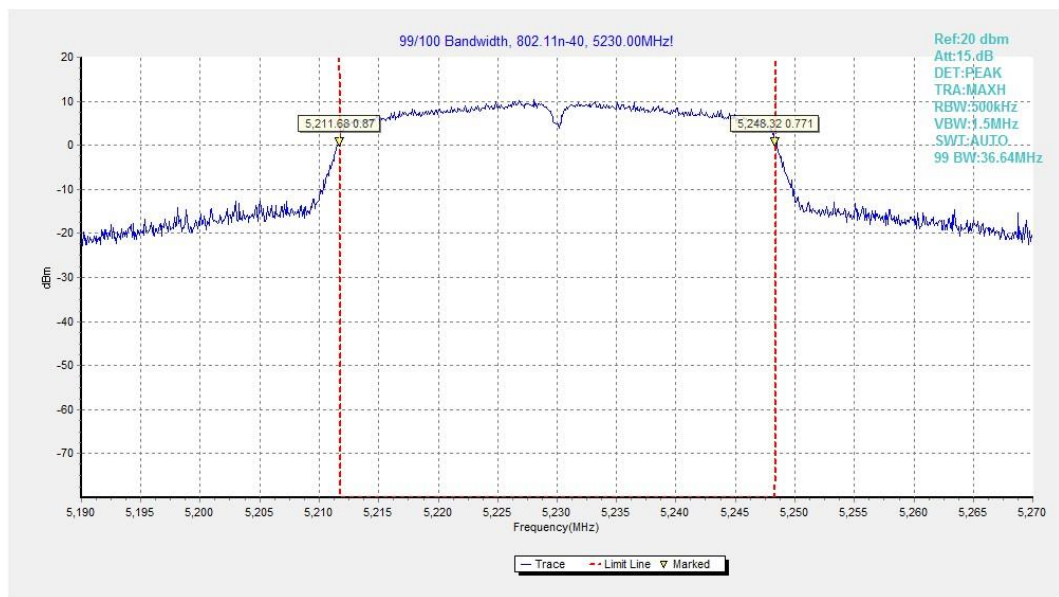


Fig.67 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

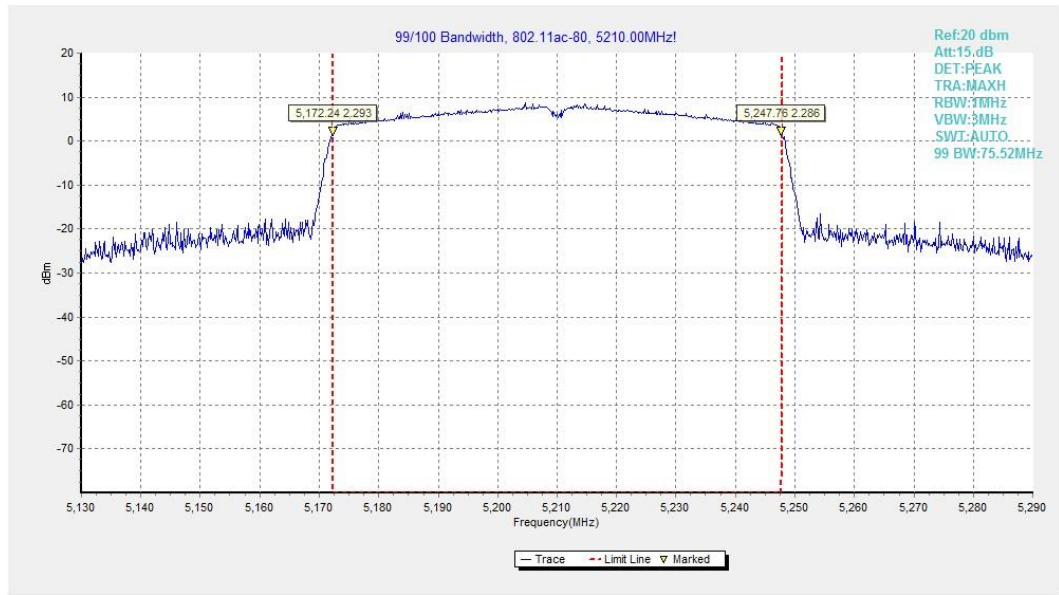


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

A.9. Power control

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

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



*** END OF REPORT BODY ***