

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)
17966.450	42.54	-29.59	45.95	26.18	54.00	11.46	H
17985.700	42.53	-29.59	45.95	26.17	54.00	11.47	V
14498.150	37.30	-29.56	41.90	24.96	54.00	16.70	V
14483.850	37.27	-29.56	41.90	24.93	54.00	16.73	V
5459.110	45.49	-27.49	34.20	38.78	54.00	8.51	H
5458.675	45.33	-27.49	34.20	38.62	54.00	8.67	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)
17946.100	42.62	-29.59	45.95	26.26	54.00	11.38	V
17959.850	42.54	-29.59	45.95	26.18	54.00	11.46	V
14493.750	37.28	-29.56	41.90	24.94	54.00	16.72	V
14499.250	37.16	-29.56	41.90	24.82	54.00	16.84	V
11785.000	34.34	-32.09	39.20	27.23	54.00	19.66	V
11891.150	34.25	-32.53	39.10	27.68	54.00	19.75	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)
17974.700	43.90	-29.59	45.95	27.54	54.00	10.10	V
17972.500	43.84	-29.59	45.95	27.48	54.00	10.16	V
14496.500	38.28	-29.56	41.90	25.94	54.00	15.72	V
14494.300	38.00	-29.56	41.90	25.66	54.00	16.00	V
9119.700	36.47	-34.20	37.70	32.97	54.00	17.53	H
11873.550	35.39	-32.73	39.15	28.97	54.00	18.61	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)
17942.250	42.24	-29.59	45.95	25.88	54.00	11.76	H
17987.350	42.14	-29.59	45.95	25.78	54.00	11.86	V
8303.500	38.23	-34.84	37.10	35.96	54.00	15.77	H
8304.050	37.81	-34.84	37.10	35.54	54.00	16.19	H
5148.400	47.14	-27.79	34.00	40.93	54.00	6.86	H
5149.580	47.03	-28.00	34.00	41.03	54.00	6.97	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)
17952.700	42.51	-29.59	45.95	26.15	54.00	11.49	V
17997.250	42.28	-29.59	45.95	25.92	54.00	11.72	H
8367.850	38.89	-34.42	37.30	36.01	54.00	15.11	H
14492.100	37.13	-29.56	41.90	24.79	54.00	16.87	V
14479.450	36.82	-29.56	41.90	24.48	54.00	17.18	V
8367.300	34.40	-34.42	37.30	31.52	54.00	19.60	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)
17981.300	42.25	-29.59	45.95	25.89	54.00	11.75	V
17936.200	42.16	-29.59	45.95	25.80	54.00	11.84	H
14492.650	37.12	-29.56	41.90	24.78	54.00	16.88	V
14498.700	37.01	-29.56	41.90	24.67	54.00	16.99	V
8431.650	36.17	-34.69	37.40	33.46	54.00	17.83	H
8432.200	35.41	-34.69	37.40	32.70	54.00	18.59	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)
17948.300	42.53	-29.59	45.95	26.17	54.00	11.47	V
17967.550	42.52	-29.59	45.95	26.16	54.00	11.48	V
14498.700	36.96	-29.56	41.90	24.62	54.00	17.04	V
14486.600	36.75	-29.56	41.90	24.41	54.00	17.25	V
5351.776	49.73	-27.82	34.20	43.35	54.00	4.27	H
5350.176	49.61	-27.82	34.20	43.23	54.00	4.39	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)
17972.500	42.78	-29.59	45.95	26.42	54.00	11.22	V
17962.600	42.34	-29.59	45.95	25.98	54.00	11.66	H
14496.500	37.65	-29.56	41.90	25.31	54.00	16.35	V
14499.800	37.37	-29.56	41.90	25.03	54.00	16.63	V
5457.190	43.35	-27.49	34.20	36.64	54.00	10.65	H
5450.605	43.27	-27.49	34.20	36.56	54.00	10.73	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)
17982.400	42.49	-29.59	45.95	26.13	54.00	11.51	V
17958.750	42.47	-29.59	45.95	26.11	54.00	11.53	V
14495.950	37.27	-29.56	41.90	24.93	54.00	16.73	H
14489.350	37.12	-29.56	41.90	24.78	54.00	16.88	V
11789.400	34.43	-32.09	39.20	27.32	54.00	19.57	V
11785.000	34.35	-32.09	39.20	27.24	54.00	19.65	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)
17969.750	42.38	-29.59	45.95	26.02	54.00	11.62	V
17967.550	42.34	-29.59	45.95	25.98	54.00	11.66	H
14496.500	37.17	-29.56	41.90	24.83	54.00	16.83	V
14492.100	37.12	-29.56	41.90	24.78	54.00	16.88	V
11891.700	34.96	-32.53	39.10	28.39	54.00	19.04	V
11883.450	34.65	-32.53	39.10	28.08	54.00	19.35	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)
17982.950	42.65	-29.59	45.95	26.29	54.00	11.35	V
17989.000	42.58	-29.59	45.95	26.22	54.00	11.42	V
14499.800	37.22	-29.56	41.90	24.88	54.00	16.78	V
14493.750	37.21	-29.56	41.90	24.87	54.00	16.79	V
5149.420	46.03	-28.00	34.00	40.03	54.00	7.97	H
5149.360	45.71	-28.00	34.00	39.71	54.00	8.29	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.750	42.79	-29.59	45.95	26.43	54.00	11.21	V
17944.450	42.68	-29.59	45.95	26.32	54.00	11.32	V
8320.000	38.24	-34.93	37.20	35.97	54.00	15.76	H
8319.450	37.48	-34.93	37.20	35.21	54.00	16.52	H
14499.800	37.40	-29.56	41.90	25.06	54.00	16.60	V
14493.750	37.23	-29.56	41.90	24.89	54.00	16.77	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)
17983.500	42.56	-29.59	45.95	26.20	54.00	11.44	V
17958.750	42.47	-29.59	45.95	26.11	54.00	11.53	V
14499.250	37.65	-29.56	41.90	25.31	54.00	16.35	V
8383.800	37.46	-34.42	37.30	34.58	54.00	16.54	H
14495.400	37.09	-29.56	41.90	24.75	54.00	16.91	V
8383.250	35.41	-34.42	37.30	32.53	54.00	18.59	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)
17979.100	42.08	-29.59	45.95	25.72	54.00	11.92	V
17954.350	42.06	-29.59	45.95	25.70	54.00	11.94	V
14498.700	37.06	-29.56	41.90	24.72	54.00	16.94	V
14475.600	36.55	-29.56	41.90	24.21	54.00	17.45	V
8415.700	35.69	-34.42	37.30	32.81	54.00	18.31	H
8416.250	34.52	-34.69	37.40	31.81	54.00	19.48	H

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17968.100	42.47	-29.59	45.95	26.11	54.00	11.53	V
17963.150	42.06	-29.59	45.95	25.70	54.00	11.94	V
14499.250	36.88	-29.56	41.90	24.54	54.00	17.12	V
14486.600	36.75	-29.56	41.90	24.41	54.00	17.25	V
8447.600	35.78	-34.69	37.40	33.07	54.00	18.22	H
8448.150	35.14	-34.69	37.40	32.43	54.00	18.86	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)
17964.800	42.48	-29.59	45.95	26.12	54.00	11.52	V
17989.550	42.36	-29.59	45.95	26.00	54.00	11.64	H
14495.950	36.89	-29.56	41.90	24.55	54.00	17.11	H
14487.700	36.86	-29.56	41.90	24.52	54.00	17.14	V
5351.312	46.80	-27.82	34.20	40.42	54.00	7.20	H
5350.224	46.64	-27.82	34.20	40.26	54.00	7.36	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.750	42.98	-29.59	45.95	26.62	54.00	11.02	V
17968.650	42.34	-29.59	45.95	25.98	54.00	11.66	V
14495.400	37.14	-29.56	41.90	24.80	54.00	16.86	V
14498.150	37.13	-29.56	41.90	24.79	54.00	16.87	V
5458.690	44.43	-27.49	34.20	37.72	54.00	9.57	H
5458.585	44.39	-27.49	34.20	37.68	54.00	9.61	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)
17959.850	42.49	-29.59	45.95	26.13	54.00	11.51	H
17978.550	42.41	-29.59	45.95	26.05	54.00	11.59	V
14494.850	37.70	-29.56	41.90	25.36	54.00	16.30	V
14499.250	37.56	-29.56	41.90	25.22	54.00	16.44	V
11888.950	34.27	-32.53	39.10	27.70	54.00	19.73	V
11784.450	34.24	-32.09	39.20	27.13	54.00	19.76	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)
17974.700	42.66	-29.59	45.95	26.30	54.00	11.34	V
17975.250	42.61	-29.59	45.95	26.25	54.00	11.39	H
14486.050	37.33	-29.56	41.90	24.99	54.00	16.67	V
14480.550	37.25	-29.56	41.90	24.91	54.00	16.75	H
9119.700	35.28	-34.20	37.70	31.78	54.00	18.72	H
11880.150	34.14	-32.73	39.15	27.72	54.00	19.86	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)
17993.400	42.28	-29.59	45.95	25.92	54.00	11.72	V
17951.600	42.19	-29.59	45.95	25.83	54.00	11.81	V
8303.500	37.88	-34.84	37.10	35.61	54.00	16.12	H
8304.050	37.36	-34.84	37.10	35.09	54.00	16.64	H
5149.720	47.51	-28.00	34.00	41.51	54.00	6.49	H
5149.120	47.48	-28.00	34.00	41.48	54.00	6.52	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)
17979.100	42.18	-29.59	45.95	25.82	54.00	11.82	V
17987.350	42.16	-29.59	45.95	25.80	54.00	11.84	V
14478.350	37.16	-29.56	41.90	24.82	54.00	16.84	V
8367.850	37.00	-34.42	37.30	34.12	54.00	17.00	H
14494.850	36.86	-29.56	41.90	24.52	54.00	17.14	V
8367.300	34.68	-34.42	37.30	31.80	54.00	19.32	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)
17980.750	42.37	-29.59	45.95	26.01	54.00	11.63	V
17958.200	42.26	-29.59	45.95	25.90	54.00	11.74	V
14488.800	36.93	-29.56	41.90	24.59	54.00	17.07	V
8431.650	36.84	-34.69	37.40	34.13	54.00	17.16	H
14479.450	36.70	-29.56	41.90	24.36	54.00	17.30	V
8432.200	34.59	-34.69	37.40	31.88	54.00	19.41	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)
17952.150	42.13	-29.59	45.95	25.77	54.00	11.87	V
17931.250	42.06	-29.59	45.95	25.70	54.00	11.94	V
14492.100	36.90	-29.56	41.90	24.56	54.00	17.10	H
14497.050	36.66	-29.56	41.90	24.32	54.00	17.34	V
5350.224	49.96	-27.82	34.20	43.58	54.00	4.04	H
5352.000	49.95	-27.82	34.20	43.57	54.00	4.05	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)
17971.400	42.27	-29.59	45.95	25.91	54.00	11.73	H
17971.950	42.26	-29.59	45.95	25.90	54.00	11.74	H
14495.950	37.28	-29.56	41.90	24.94	54.00	16.72	V
14488.250	37.18	-29.56	41.90	24.84	54.00	16.82	H
5459.770	43.78	-27.49	34.20	37.07	54.00	10.22	H
5459.560	43.69	-27.49	34.20	36.98	54.00	10.31	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)
17982.400	42.44	-29.59	45.95	26.08	54.00	11.56	V
17966.450	42.38	-29.59	45.95	26.02	54.00	11.62	V
14492.650	37.32	-29.56	41.90	24.98	54.00	16.68	V
14480.000	37.26	-29.56	41.90	24.92	54.00	16.74	V
11892.250	34.53	-32.53	39.10	27.96	54.00	19.47	V
11778.950	34.50	-32.71	39.20	28.01	54.00	19.50	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)
17953.800	42.33	-29.59	45.95	25.97	54.00	11.67	V
17968.650	42.32	-29.59	45.95	25.96	54.00	11.68	V
14494.300	37.06	-29.56	41.90	24.72	54.00	16.94	H
14497.050	37.01	-29.56	41.90	24.67	54.00	16.99	V
11865.300	34.33	-32.73	39.15	27.91	54.00	19.67	V
11774.000	34.29	-32.71	39.20	27.80	54.00	19.71	V

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)
17970.850	42.59	-29.59	45.95	26.23	54.00	11.41	H
17986.250	42.45	-29.59	45.95	26.09	54.00	11.55	V
14475.600	37.12	-29.56	41.90	24.78	54.00	16.88	V
14498.700	37.01	-29.56	41.90	24.67	54.00	16.99	V
5149.780	46.24	-28.00	34.00	40.24	54.00	7.76	H
5149.900	45.60	-28.00	34.00	39.60	54.00	8.40	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)
17967.550	42.42	-29.59	45.95	26.06	54.00	11.58	V
17980.200	42.42	-29.59	45.95	26.06	54.00	11.58	V
14497.050	37.13	-29.56	41.90	24.79	54.00	16.87	V
8463.550	37.06	-34.69	37.40	34.35	54.00	16.94	H
5350.416	49.18	-27.82	34.20	42.80	54.00	4.82	H
5350.560	49.07	-27.82	34.20	42.69	54.00	4.93	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)
17939.500	42.26	-29.59	45.95	25.90	54.00	11.74	V
17969.750	42.23	-29.59	45.95	25.87	54.00	11.77	V
14493.200	37.16	-29.56	41.90	24.82	54.00	16.84	H
14492.100	37.11	-29.56	41.90	24.77	54.00	16.89	V
5456.005	48.22	-27.49	34.20	41.51	54.00	5.78	H
5458.540	48.17	-27.49	34.20	41.46	54.00	5.83	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)
17967.550	42.34	-29.59	45.95	25.98	54.00	11.66	H
17991.200	42.29	-29.59	45.95	25.93	54.00	11.71	H
14498.150	37.42	-29.56	41.90	25.08	54.00	16.58	V
14488.250	37.17	-29.56	41.90	24.83	54.00	16.83	V
11890.050	34.28	-32.53	39.10	27.71	54.00	19.72	V
11791.050	34.26	-32.09	39.20	27.15	54.00	19.74	V

PEAK Results:
802.11a

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.650	54.35	-29.59	45.95	37.99	74.00	19.65	V
17969.200	53.29	-29.59	45.95	36.93	74.00	20.71	V
14693.400	49.05	-30.04	41.50	37.59	68.20	19.15	V
14488.800	48.85	-29.56	41.90	36.51	74.00	25.15	V
5149.800	66.32	-28.00	34.00	60.32	74.00	7.68	H
5149.360	65.55	-28.00	34.00	59.55	74.00	8.45	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17984.600	53.77	-29.59	45.95	37.41	74.00	20.23	H
17883.950	53.37	-29.59	45.95	37.01	74.00	20.63	H
14575.150	49.30	-29.14	41.90	36.54	68.20	18.90	H
14553.150	49.29	-30.55	41.90	37.94	68.20	18.91	H
11770.150	45.30	-32.71	39.20	38.81	74.00	28.70	V
11774.550	44.90	-32.71	39.20	38.41	74.00	29.10	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)
17992.300	53.71	-29.59	45.95	37.35	74.00	20.29	H
17954.900	53.66	-29.59	45.95	37.30	74.00	20.34	H
14593.850	49.19	-29.14	41.90	36.43	68.20	19.01	H
14197.850	48.94	-30.42	41.70	37.66	68.20	19.26	H
11787.200	45.29	-32.09	39.20	38.18	74.00	28.71	H
11886.750	45.08	-32.53	39.10	38.51	74.00	28.92	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)
17976.350	53.19	-29.59	45.95	36.83	74.00	20.81	H
17987.900	53.17	-29.59	45.95	36.81	74.00	20.83	H
14591.100	49.18	-29.14	41.90	36.42	68.20	19.02	V
14513.550	49.07	-30.55	41.90	37.72	68.20	19.13	H
11790.500	45.05	-32.09	39.20	37.94	74.00	28.95	V
11785.550	44.71	-32.09	39.20	37.60	74.00	29.29	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)
17954.350	53.26	-29.59	45.95	36.90	74.00	20.74	V
17943.900	52.97	-29.59	45.95	36.61	74.00	21.03	V
14604.850	49.07	-30.67	41.70	38.04	68.20	19.13	H
14587.250	48.93	-29.14	41.90	36.17	68.20	19.27	H
11770.700	45.21	-32.71	39.20	38.72	74.00	28.79	V
11893.900	44.78	-32.53	39.10	38.21	74.00	29.22	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)
17990.100	52.87	-29.59	45.95	36.51	74.00	21.13	V
17984.050	52.76	-29.59	45.95	36.40	74.00	21.24	H
14596.050	48.52	-29.14	41.90	35.76	68.20	19.68	V
14569.650	48.43	-29.14	41.90	35.67	68.20	19.77	V
5350.080	66.75	-27.82	34.20	60.37	74.00	7.25	H
5350.272	65.83	-27.82	34.20	59.45	74.00	8.17	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)
17973.600	54.19	-29.59	45.95	37.83	74.00	19.81	V
17966.450	53.68	-29.59	45.95	37.32	74.00	20.32	V
13720.450	49.67	-31.18	41.10	39.75	68.20	18.53	V
14599.350	49.67	-29.14	41.90	36.91	68.20	18.53	H
5458.810	63.12	-27.49	34.20	56.41	74.00	10.88	H
5469.340	66.78	-27.49	34.20	60.07	68.20	1.42	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)
17986.800	54.07	-29.59	45.95	37.71	74.00	19.93	V
17991.200	53.53	-29.59	45.95	37.17	74.00	20.47	H
14594.950	49.03	-29.14	41.90	36.27	68.20	19.17	H
14565.800	48.94	-29.14	41.90	36.18	68.20	19.26	H
11780.050	44.75	-32.71	39.20	38.26	74.00	29.25	V
11833.400	44.71	-32.73	39.15	38.29	74.00	29.29	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)
17936.750	53.45	-29.59	45.95	37.09	74.00	20.55	V
17881.750	53.36	-29.59	45.95	37.00	74.00	20.64	V
14593.300	49.84	-29.14	41.90	37.08	68.20	18.36	H
14568.000	49.63	-29.14	41.90	36.87	68.20	18.57	V
5725.005	64.54	-27.47	34.10	57.91	68.20	3.66	H
5726.230	64.23	-27.47	34.10	57.60	68.20	3.97	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)
17992.300	53.44	-29.59	45.95	37.08	74.00	20.56	H
17962.600	53.20	-29.59	45.95	36.84	74.00	20.80	V
14666.450	49.39	-30.04	41.50	37.93	68.20	18.81	V
14576.250	49.02	-29.14	41.90	36.26	68.20	19.18	V
5149.980	66.54	-28.00	34.00	60.54	74.00	7.46	H
5149.780	66.17	-28.00	34.00	60.17	74.00	7.83	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)
17975.250	53.85	-29.59	45.95	37.49	74.00	20.15	V
17998.900	53.63	-29.59	45.95	37.27	74.00	20.37	H
14602.650	49.07	-29.14	41.90	36.31	68.20	19.13	V
14659.300	48.90	-30.04	41.50	37.44	68.20	19.30	V
11791.600	45.57	-32.09	39.20	38.46	74.00	28.43	V
11777.300	45.38	-32.71	39.20	38.89	74.00	28.62	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)
17970.300	53.80	-29.59	45.95	37.44	74.00	20.20	V
17961.500	53.63	-29.59	45.95	37.27	74.00	20.37	H
14578.450	49.53	-29.14	41.90	36.77	68.20	18.67	V
14088.950	49.40	-30.20	41.70	37.90	68.20	18.80	V
11780.050	45.38	-32.71	39.20	38.89	74.00	28.62	V
11887.300	45.23	-32.53	39.10	38.66	74.00	28.77	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)
17984.050	54.01	-29.59	45.95	37.65	74.00	19.99	H
17993.400	53.39	-29.59	45.95	37.03	74.00	20.61	H
14595.500	48.61	-29.14	41.90	35.85	68.20	19.59	V
14615.850	48.51	-30.67	41.70	37.48	68.20	19.69	H
11794.900	44.76	-32.09	39.20	37.65	74.00	29.24	V
11782.800	44.56	-32.09	39.20	37.45	74.00	29.44	H

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.250	53.40	-29.59	45.95	37.04	74.00	20.60	V
17958.200	53.28	-29.59	45.95	36.92	74.00	20.72	H
14574.050	48.50	-29.14	41.90	35.74	68.20	19.70	V
14598.800	48.50	-29.14	41.90	35.74	68.20	19.70	V
11770.150	45.15	-32.71	39.20	38.66	74.00	28.85	V
11779.500	44.70	-32.71	39.20	38.21	74.00	29.30	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)
17992.300	53.07	-29.59	45.95	36.71	74.00	20.93	H
17893.850	52.97	-29.59	45.95	36.61	74.00	21.03	H
14602.100	48.74	-29.14	41.90	35.98	68.20	19.46	V
14078.500	48.70	-30.20	41.70	37.20	68.20	19.50	V
5353.776	69.31	-27.82	34.20	62.93	74.00	4.69	H
5351.888	68.93	-27.82	34.20	62.55	74.00	5.07	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17976.900	54.08	-29.59	45.95	37.72	74.00	19.92	H
17925.750	53.87	-29.59	45.95	37.51	74.00	20.13	H
14709.350	49.64	-30.13	41.35	38.42	68.20	18.56	V
13726.500	49.53	-31.18	41.10	39.61	68.20	18.67	V
5459.500	61.43	-27.49	34.20	54.72	74.00	12.57	H
5469.985	66.66	-27.49	34.20	59.95	68.20	1.54	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)
17959.850	53.45	-29.59	45.95	37.09	74.00	20.55	V
17960.400	53.32	-29.59	45.95	36.96	74.00	20.68	H
14207.200	49.92	-30.42	41.70	38.64	68.20	18.28	V
14603.200	49.31	-29.14	41.90	36.55	68.20	18.89	H
11876.300	45.44	-32.73	39.15	39.02	74.00	28.56	V
11791.600	45.30	-32.09	39.20	38.19	74.00	28.70	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)
17934.550	54.71	-29.59	45.95	38.35	74.00	19.29	V
17821.800	54.67	-29.59	45.95	38.31	74.00	19.33	H
14662.600	50.44	-30.04	41.50	38.98	68.20	17.76	V
14685.700	50.36	-30.04	41.50	38.90	68.20	17.84	V
5725.512	65.72	-27.47	34.10	59.09	68.20	2.48	H
5726.562	65.45	-27.47	34.10	58.82	68.20	2.75	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)
17936.200	53.41	-29.59	45.95	37.05	74.00	20.59	V
17975.250	53.22	-29.59	45.95	36.86	74.00	20.78	V
14574.600	49.56	-29.14	41.90	36.80	68.20	18.64	V
14693.950	49.13	-30.04	41.50	37.67	68.20	19.07	V
5149.840	69.70	-28.00	34.00	63.70	74.00	4.30	H
5149.560	69.16	-28.00	34.00	63.16	74.00	4.84	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)
17893.300	53.03	-29.59	45.95	36.67	74.00	20.97	V
17942.800	53.03	-29.59	45.95	36.67	74.00	20.97	H
14583.950	49.11	-29.14	41.90	36.35	68.20	19.09	V
14596.600	48.81	-29.14	41.90	36.05	68.20	19.39	V
11875.750	45.03	-32.73	39.15	38.61	74.00	28.97	H
11738.250	44.84	-32.71	39.20	38.35	74.00	29.16	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)
17970.850	52.90	-29.59	45.95	36.54	74.00	21.10	H
17807.500	52.88	-29.59	45.95	36.52	74.00	21.12	H
14593.300	48.90	-29.14	41.90	36.14	68.20	19.30	H
14689.000	48.68	-30.04	41.50	37.22	68.20	19.52	H
11880.150	45.25	-32.73	39.15	38.83	74.00	28.75	V
11788.300	44.73	-32.09	39.20	37.62	74.00	29.27	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17960.950	53.33	-29.59	45.95	36.97	74.00	20.67	V
17948.300	52.70	-29.59	45.95	36.34	74.00	21.30	H
14595.500	48.58	-29.14	41.90	35.82	68.20	19.62	H
14505.300	48.56	-30.55	41.90	37.21	68.20	19.64	V
5350.064	66.99	-27.82	34.20	60.61	74.00	7.01	H
5350.368	66.95	-27.82	34.20	60.57	74.00	7.05	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)
17940.050	53.34	-29.59	45.95	36.98	74.00	20.66	V
17952.700	53.33	-29.59	45.95	36.97	74.00	20.67	V
14109.850	49.30	-30.93	41.70	38.52	68.20	18.90	H
14597.150	49.13	-29.14	41.90	36.37	68.20	19.07	H
5451.160	59.58	-27.49	34.20	52.87	74.00	14.42	H
5469.280	65.77	-27.49	34.20	59.06	68.20	2.43	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)
17934.000	53.73	-29.59	45.95	37.37	74.00	20.27	V
17978.000	53.35	-29.59	45.95	36.99	74.00	20.65	V
14679.650	49.30	-30.04	41.50	37.84	68.20	18.90	V
14571.850	49.15	-29.14	41.90	36.39	68.20	19.05	H
11797.650	45.36	-32.09	39.20	38.25	74.00	28.64	V
11880.150	45.16	-32.73	39.15	38.74	74.00	28.84	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)
17941.150	53.53	-29.59	45.95	37.17	74.00	20.47	H
17957.100	53.15	-29.59	45.95	36.79	74.00	20.85	H
14662.050	48.85	-30.04	41.50	37.39	68.20	19.35	V
14117.550	48.84	-30.93	41.70	38.06	68.20	19.36	V
5725.040	62.46	-27.47	34.10	55.83	68.20	5.74	H
5725.233	62.41	-27.47	34.10	55.78	68.20	5.79	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)
17990.650	54.72	-29.59	45.95	38.36	74.00	19.28	V
17893.300	53.87	-29.59	45.95	37.51	74.00	20.13	V
14555.900	49.25	-29.14	41.90	36.49	68.20	18.95	H
13623.100	49.00	-31.29	40.90	39.39	68.20	19.20	V
5149.660	65.13	-28.00	34.00	59.13	74.00	8.87	H
5149.500	64.70	-28.00	34.00	58.70	74.00	9.30	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)
17964.250	54.43	-29.59	45.95	38.07	74.00	19.57	V
17938.950	53.11	-29.59	45.95	36.75	74.00	20.89	V
13675.350	49.33	-30.98	41.00	39.31	68.20	18.87	V
14424.450	49.32	-30.03	41.90	37.45	68.20	18.88	V
11896.650	45.17	-32.53	39.10	38.60	74.00	28.83	V
11895.000	45.12	-32.53	39.10	38.55	74.00	28.88	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)
17984.600	53.81	-29.59	45.95	37.45	74.00	20.19	V
17964.800	53.30	-29.59	45.95	36.94	74.00	20.70	V
14559.200	49.33	-29.14	41.90	36.57	68.20	18.87	V
14588.350	49.18	-29.14	41.90	36.42	68.20	19.02	V
11780.050	45.13	-32.71	39.20	38.64	74.00	28.87	V
11770.700	45.11	-32.71	39.20	38.62	74.00	28.89	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)
17864.150	53.37	-29.59	45.95	37.01	74.00	20.63	H
17967.000	53.11	-29.59	45.95	36.75	74.00	20.89	H
14571.850	49.17	-29.14	41.90	36.41	68.20	19.03	V
14536.650	48.92	-30.55	41.90	37.57	68.20	19.28	H
11926.350	45.15	-32.53	39.10	38.58	74.00	28.85	V
11876.300	44.98	-32.73	39.15	38.56	74.00	29.02	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)
17888.350	52.86	-29.59	45.95	36.50	74.00	21.14	H
17919.150	52.85	-29.59	45.95	36.49	74.00	21.15	H
14597.150	49.28	-29.14	41.90	36.52	68.20	18.92	V
14181.900	48.71	-30.42	41.70	37.43	68.20	19.49	V
11800.400	44.84	-32.09	39.20	37.73	74.00	29.16	V
11893.900	44.81	-32.53	39.10	38.24	74.00	29.19	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)
17964.250	53.60	-29.59	45.95	37.24	74.00	20.40	V
17943.350	53.21	-29.59	45.95	36.85	74.00	20.79	H
13753.450	49.10	-31.18	41.10	39.18	68.20	19.10	V
14536.650	49.02	-30.55	41.90	37.67	68.20	19.18	V
5351.616	66.80	-27.82	34.20	60.42	74.00	7.20	H
5350.336	65.90	-27.82	34.20	59.52	74.00	8.10	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)
17947.750	53.74	-29.59	45.95	37.38	74.00	20.26	H
17965.350	53.57	-29.59	45.95	37.21	74.00	20.43	H
14554.250	49.20	-30.55	41.90	37.85	68.20	19.00	V
14572.400	49.08	-29.14	41.90	36.32	68.20	19.12	V
5458.495	58.70	-27.49	34.20	51.99	74.00	15.30	H
5469.145	65.85	-27.49	34.20	59.14	68.20	2.35	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)
17918.050	53.20	-29.59	45.95	36.84	74.00	20.80	V
17932.900	53.02	-29.59	45.95	36.66	74.00	20.98	V
14590.000	50.18	-29.14	41.90	37.42	68.20	18.02	V
14087.300	49.34	-30.20	41.70	37.84	68.20	18.86	V
11887.850	45.79	-32.53	39.10	39.22	74.00	28.21	H
11799.300	45.09	-32.09	39.20	37.98	74.00	28.91	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17989.000	53.62	-29.59	45.95	37.26	74.00	20.38	H
17923.000	53.42	-29.59	45.95	37.06	74.00	20.58	V
14099.400	49.74	-30.20	41.70	38.24	68.20	18.46	V
14590.000	49.20	-29.14	41.90	36.44	68.20	19.00	V
5725.985	66.65	-27.47	34.10	60.02	68.20	1.55	H
5727.035	66.45	-27.47	34.10	59.82	68.20	1.75	H

802.11ac-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17897.700	53.44	-29.59	45.95	37.08	74.00	20.56	V
17942.800	53.19	-29.59	45.95	36.83	74.00	20.81	H
14602.100	49.47	-29.14	41.90	36.71	68.20	18.73	V
14541.600	49.02	-30.55	41.90	37.67	68.20	19.18	V
5146.800	66.03	-27.79	34.00	59.82	74.00	7.97	H
5149.220	65.93	-28.00	34.00	59.93	74.00	8.07	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)
17898.800	52.95	-29.59	45.95	36.59	74.00	21.05	H
17937.300	52.84	-29.59	45.95	36.48	74.00	21.16	V
14583.950	48.96	-29.14	41.90	36.20	68.20	19.24	V
14202.800	48.89	-30.42	41.70	37.61	68.20	19.31	V
11788.850	44.90	-32.09	39.20	37.79	74.00	29.10	V
11787.200	44.83	-32.09	39.20	37.72	74.00	29.17	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)
17956.550	52.96	-29.59	45.95	36.60	74.00	21.04	V
17953.800	52.81	-29.59	45.95	36.45	74.00	21.19	V
14587.800	48.69	-29.14	41.90	35.93	68.20	19.51	V
14591.650	48.53	-29.14	41.90	35.77	68.20	19.67	H
11772.900	44.85	-32.71	39.20	38.36	74.00	29.15	V
11876.300	44.49	-32.73	39.15	38.07	74.00	29.51	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)
17947.200	53.27	-29.59	45.95	36.91	74.00	20.73	V
17946.650	53.08	-29.59	45.95	36.72	74.00	20.92	H
13640.700	48.95	-31.29	40.90	39.34	68.20	19.25	V
14467.900	48.92	-29.56	41.90	36.58	68.20	19.28	V
5352.368	69.90	-27.82	34.20	63.52	74.00	4.10	H
5353.504	68.35	-27.82	34.20	61.97	74.00	5.65	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)
17876.250	53.68	-29.59	45.95	37.32	74.00	20.32	V
17981.300	53.45	-29.59	45.95	37.09	74.00	20.55	H
14578.450	49.83	-29.14	41.90	37.07	68.20	18.37	H
14643.900	49.64	-30.67	41.70	38.61	68.20	18.56	H
5455.975	60.86	-27.49	34.20	54.15	74.00	13.14	H
5468.470	64.42	-27.49	34.20	57.71	68.20	3.78	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)
17965.900	53.70	-29.59	45.95	37.34	74.00	20.30	V
17985.150	53.50	-29.59	45.95	37.14	74.00	20.50	H
14588.900	50.42	-29.14	41.90	37.66	68.20	17.78	V
14580.650	49.88	-29.14	41.90	37.12	68.20	18.32	V
11963.750	45.90	-32.42	39.05	39.27	74.00	28.10	V
11777.300	45.74	-32.71	39.20	39.25	74.00	28.26	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)
17977.450	53.69	-29.59	45.95	37.33	74.00	20.31	V
17932.350	53.38	-29.59	45.95	37.02	74.00	20.62	V
14599.350	50.42	-29.14	41.90	37.66	68.20	17.78	V
14597.700	49.36	-29.14	41.90	36.60	68.20	18.84	V
5725.792	61.18	-27.47	34.10	54.55	68.20	7.02	H
5726.370	60.50	-27.47	34.10	53.87	68.20	7.70	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)
17972.500	53.35	-29.59	45.95	36.99	74.00	20.65	V
17890.000	53.22	-29.59	45.95	36.86	74.00	20.78	V
14701.100	49.17	-30.04	41.50	37.71	68.20	19.03	H
14601.550	49.11	-29.14	41.90	36.35	68.20	19.09	V
5143.300	65.96	-27.79	34.00	59.75	74.00	8.04	H
5141.260	64.32	-27.79	34.00	58.11	74.00	9.68	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)
17959.850	53.93	-29.59	45.95	37.57	74.00	20.07	V
17984.600	53.43	-29.59	45.95	37.07	74.00	20.57	V
14570.750	48.88	-29.14	41.90	36.12	68.20	19.32	V
14560.850	48.84	-29.14	41.90	36.08	68.20	19.36	H
5354.304	65.95	-27.82	34.20	59.57	74.00	8.05	H
5354.528	64.07	-27.82	34.20	57.69	74.00	9.93	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)
17986.250	53.43	-29.59	45.95	37.07	74.00	20.57	H
17977.450	52.99	-29.59	45.95	36.63	74.00	21.01	V
14601.000	49.82	-29.14	41.90	37.06	68.20	18.38	H
14550.400	49.08	-30.55	41.90	37.73	68.20	19.12	H
5455.270	66.53	-27.49	34.20	59.82	74.00	7.47	H
5463.940	66.03	-27.49	34.20	59.32	68.20	2.17	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17910.350	53.29	-29.59	45.95	36.93	74.00	20.71	H
17914.200	52.87	-29.59	45.95	36.51	74.00	21.13	V
14600.450	49.40	-29.14	41.90	36.64	68.20	18.80	V
14623.550	49.37	-30.67	41.70	38.34	68.20	18.83	V
5726.458	55.27	-27.47	34.10	48.64	68.20	12.93	H
5730.885	54.99	-27.47	34.10	48.36	68.20	13.21	H

Conclusion: PASS

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

Test Condition:

Voltage (V)	Frequency (Hz)
110	60

Measurement uncertainty:

Expanded measurement uncertainty for this test item is $U = 3.08\text{dB}$, $k=2$.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

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

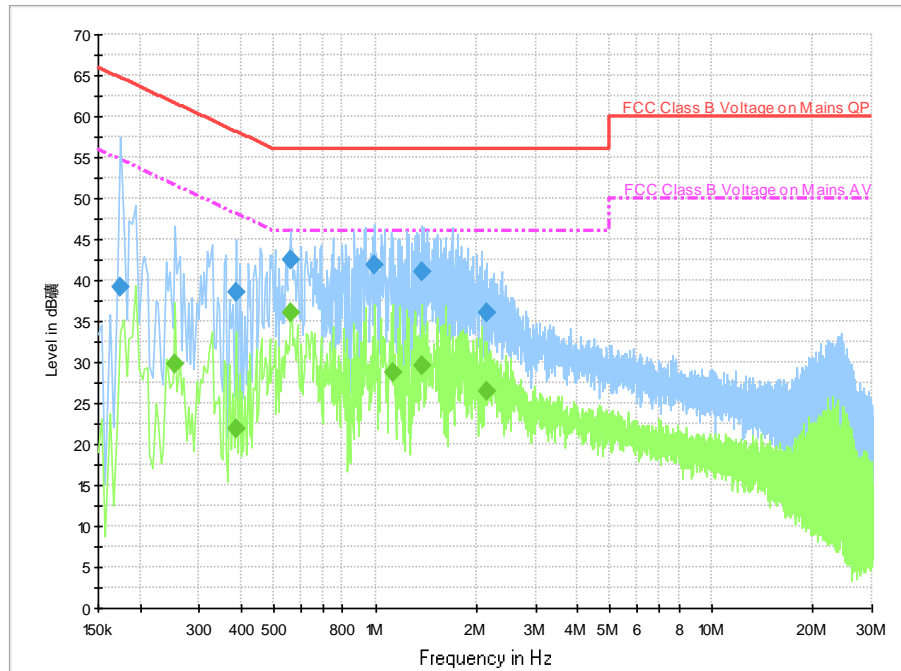


Fig.58 Conducted Emission(802.11a, Ch36, TX)

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.174000	39.3	2000.0	9.000	On	L1	19.7	25.5	64.8	
0.386000	38.5	2000.0	9.000	On	L1	19.7	19.7	58.1	
0.558000	42.4	2000.0	9.000	On	N	19.7	13.6	56.0	
0.998000	41.9	2000.0	9.000	On	L1	19.7	14.1	56.0	
1.378000	41.1	2000.0	9.000	On	L1	19.6	14.9	56.0	
2.134000	36.1	2000.0	9.000	On	N	19.6	19.9	56.0	

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.254000	29.8	2000.0	9.000	On	L1	19.7	21.8	51.6	
0.386000	21.9	2000.0	9.000	On	L1	19.7	26.2	48.1	
0.558000	36.1	2000.0	9.000	On	N	19.7	9.9	46.0	
1.130000	28.6	2000.0	9.000	On	L1	19.6	17.4	46.0	
1.378000	29.5	2000.0	9.000	On	L1	19.6	16.5	46.0	
2.154000	26.5	2000.0	9.000	On	L1	19.6	19.5	46.0	

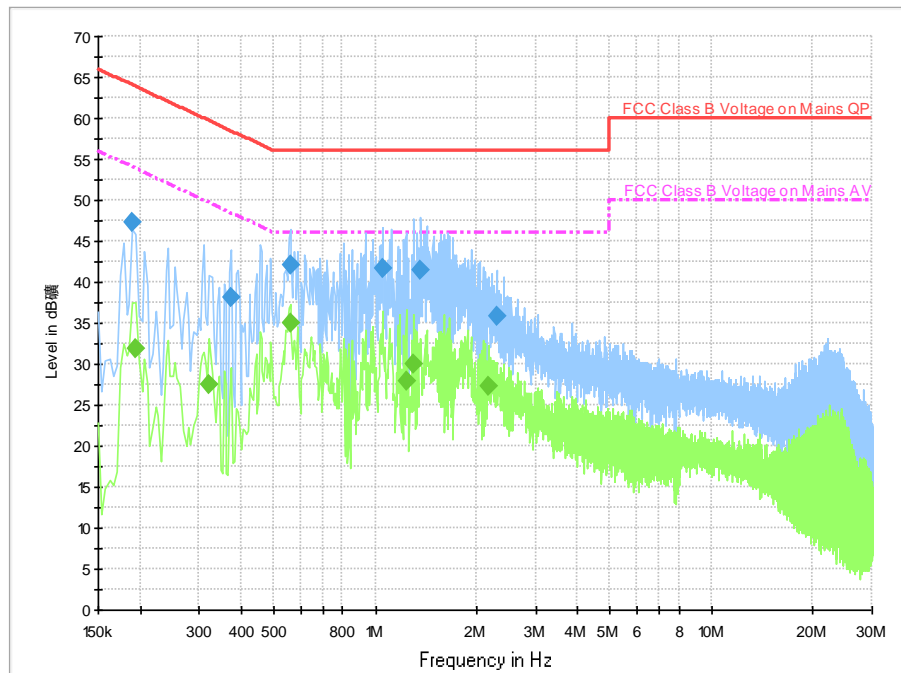


Fig.59 Conducted Emission(802.11a, IDLE)

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.190000	47.3	2000.0	9.000	On	L1	19.7	16.7	64.0	
0.374000	38.2	2000.0	9.000	On	N	19.7	20.2	58.4	
0.558000	42.1	2000.0	9.000	On	N	19.7	13.9	56.0	
1.054000	41.7	2000.0	9.000	On	N	19.6	14.3	56.0	
1.366000	41.5	2000.0	9.000	On	N	19.6	14.5	56.0	
2.290000	35.8	2000.0	9.000	On	L1	19.6	20.2	56.0	

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.194000	31.9	2000.0	9.000	On	N	19.7	21.9	53.9	
0.322000	27.4	2000.0	9.000	On	L1	19.7	22.2	49.7	
0.558000	35.0	2000.0	9.000	On	N	19.7	11.0	46.0	
1.234000	28.0	2000.0	9.000	On	N	19.6	18.0	46.0	
1.298000	30.1	2000.0	9.000	On	L1	19.7	15.9	46.0	
2.174000	27.2	2000.0	9.000	On	N	19.6	18.8	46.0	

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:

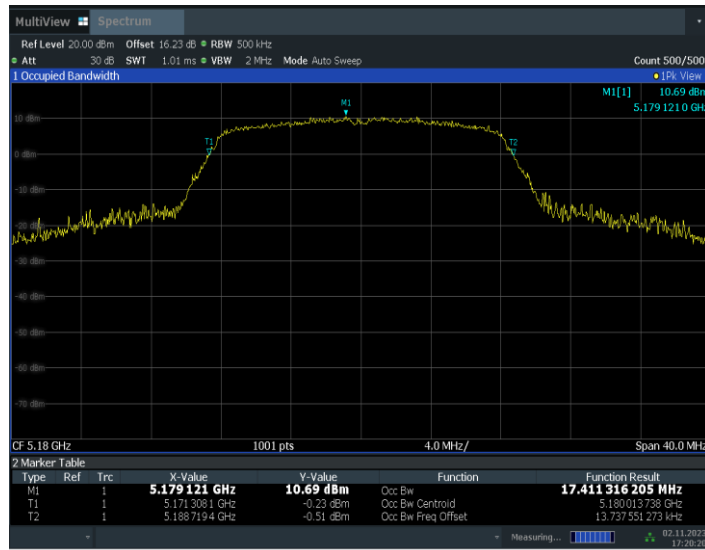
Measurement Uncertainty	60.80Hz
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EUT ID: EUT2

Measurement Result:

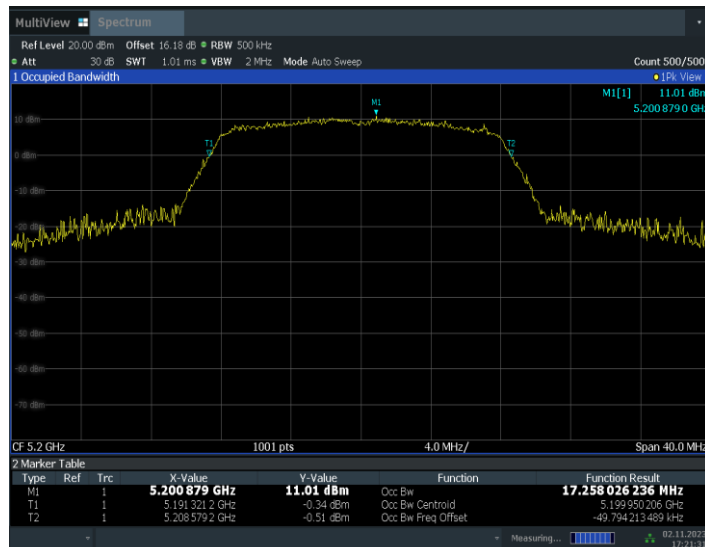
Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.60	17.41	P
	5200 MHz	Fig.61	17.26	P
	5240 MHz	Fig.62	17.36	P
802.11n HT20	5180 MHz	Fig.63	18.03	P
	5200 MHz	Fig.64	18.01	P
	5240 MHz	Fig.65	18.03	P
802.11ac (VHT40)	5190 MHz	Fig.66	36.32	P
	5230 MHz	Fig.67	36.35	P
802.11ac (VHT80)	5210 MHz	Fig.68	75.33	P

Test graphs as below:



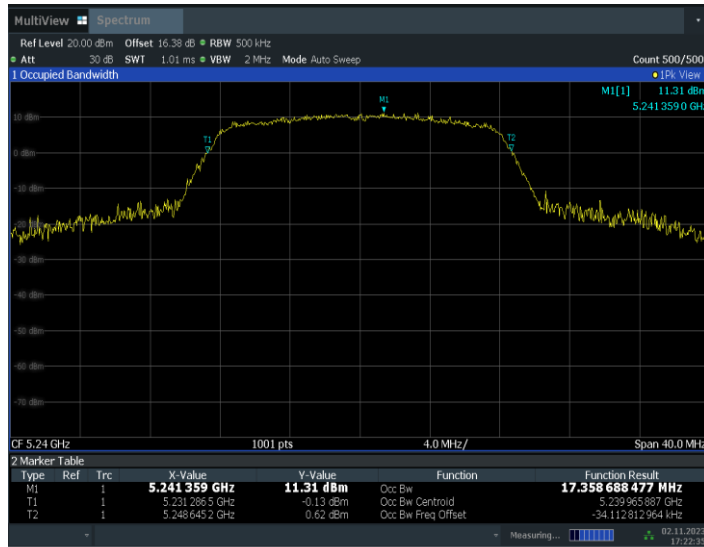
17:20:20 02.11.2023

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



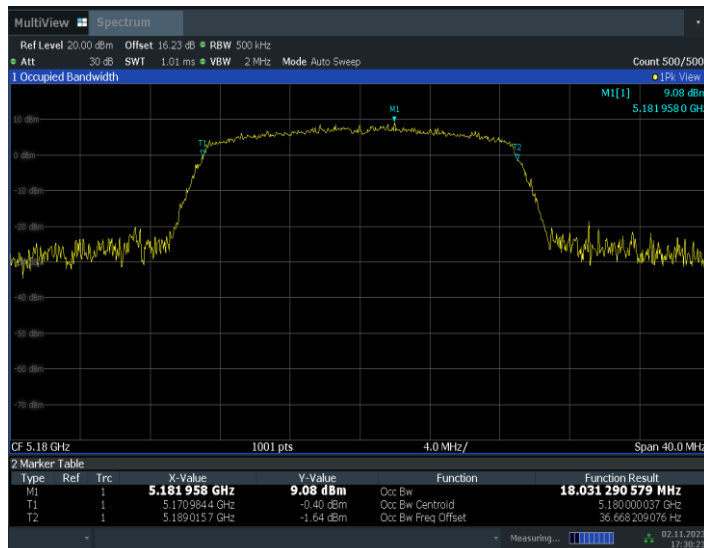
17:21:31 02.11.2023

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



17:22:36 02.11.2023

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



17:30:23 02.11.2023

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

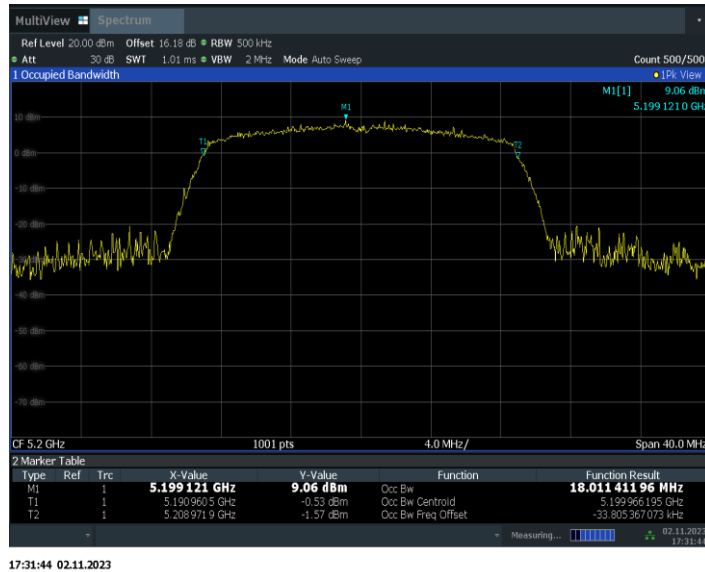


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

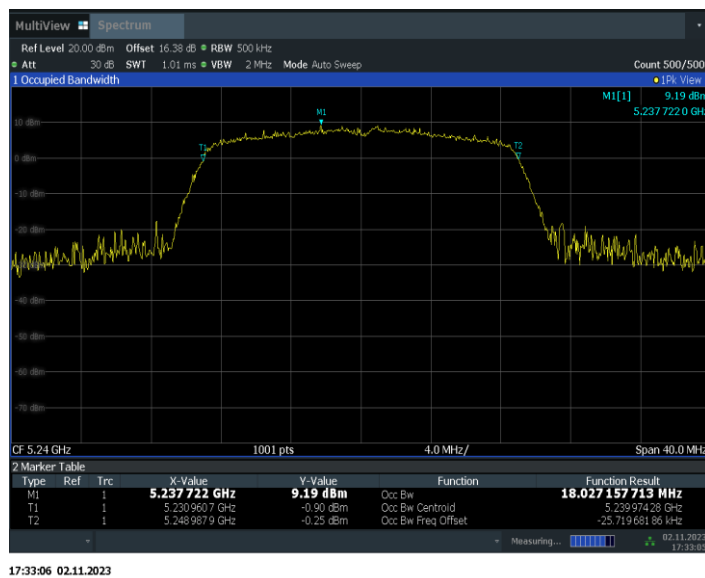
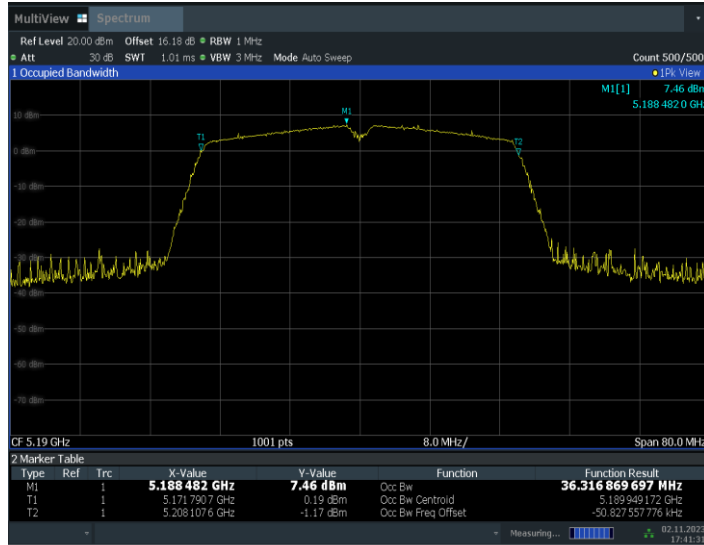
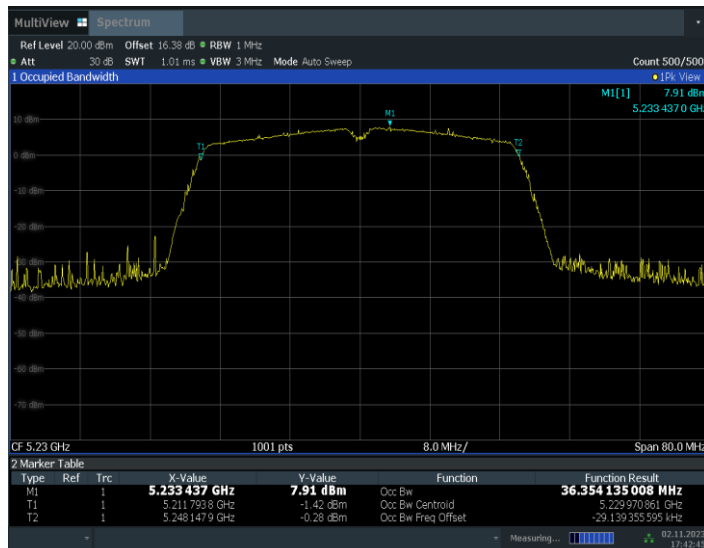


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)



17:41:32 02.11.2023

Fig.66 99% Occupied bandwidth (802.11ac-VHT40, 5190MHz)



17:42:46 02.11.2023

Fig.67 99% Occupied bandwidth (802.11ac-VHT40, 5230MHz)



Fig.68 99% Occupied bandwidth (802.11ac-VHT80, 5210MHz)

Conclusion: PASS

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



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 ***