

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)
17937.300	41.96	-25.50	46.66	20.80	54.00	12.04	V
17955.300	41.81	-25.50	46.66	20.65	54.00	12.19	V
7333.300	41.20	-35.13	36.65	39.68	54.00	12.80	V
7332.900	40.17	-35.13	36.65	38.65	54.00	13.83	V
5459.900	44.69	-27.18	34.17	37.70	54.00	9.31	H
5459.500	44.66	-27.18	34.17	37.67	54.00	9.34	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)
17967.700	40.91	-25.50	46.66	19.75	54.00	13.09	H
17940.200	40.69	-25.50	46.66	19.53	54.00	13.31	H
12218.000	37.18	-31.43	38.99	29.62	54.00	16.82	H
12329.500	37.12	-31.10	38.94	29.28	54.00	16.88	H
7466.800	36.25	-34.48	36.82	33.90	54.00	17.75	V
7466.400	35.58	-34.48	36.82	33.23	54.00	18.42	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)
17979.100	40.93	-25.50	46.66	19.77	54.00	13.07	V
17963.000	40.81	-25.50	46.66	19.65	54.00	13.19	V
12332.400	37.47	-31.10	38.94	29.63	54.00	16.53	H
12330.200	37.40	-31.10	38.94	29.56	54.00	16.60	V
9064.700	34.00	-33.76	38.13	29.63	54.00	20.00	V
8350.100	33.89	-34.50	37.68	30.71	54.00	20.11	H

802.11n-HT20

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17977.600	41.06	-25.50	46.66	19.90	54.00	12.94	H
17974.300	40.76	-25.50	46.66	19.60	54.00	13.24	V
12315.200	37.32	-31.10	38.94	29.48	54.00	16.68	V
12291.400	37.11	-31.10	38.94	29.27	54.00	16.89	H
5149.300	47.60	-27.61	33.67	41.54	54.00	6.40	H
5148.900	47.37	-27.61	33.67	41.31	54.00	6.63	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)
17938.000	41.31	-25.50	46.66	20.15	54.00	12.69	V
17959.700	40.79	-25.50	46.66	19.63	54.00	13.21	H
12221.700	37.39	-31.43	38.99	29.83	54.00	16.61	V
12329.500	37.19	-31.10	38.94	29.35	54.00	16.81	V
8453.500	33.86	-34.35	37.79	30.42	54.00	20.14	V
8304.200	33.73	-34.97	37.56	31.13	54.00	20.27	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)
17938.800	41.17	-25.50	46.66	20.01	54.00	12.83	H
17862.900	41.07	-25.50	46.66	19.91	54.00	12.93	V
12287.000	37.88	-31.10	38.94	30.04	54.00	16.12	V
12332.400	37.68	-31.10	38.94	29.84	54.00	16.32	V
8250.700	34.12	-34.97	37.56	31.52	54.00	19.88	V
9084.500	34.10	-33.76	38.13	29.73	54.00	19.90	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)
17975.100	40.73	-25.50	46.66	19.57	54.00	13.27	H
17937.300	40.71	-25.50	46.66	19.55	54.00	13.29	V
12329.900	37.21	-31.10	38.94	29.37	54.00	16.79	V
12329.100	37.05	-31.10	38.94	29.21	54.00	16.95	H
8316.300	33.53	-34.97	37.56	30.93	54.00	20.47	H
9127.800	33.51	-33.85	38.08	29.28	54.00	20.49	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)
17961.100	41.29	-25.50	46.66	20.13	54.00	12.71	V
17957.800	41.15	-25.50	46.66	19.99	54.00	12.85	V
12263.900	37.25	-31.43	38.99	29.69	54.00	16.75	V
12083.500	37.13	-31.59	39.04	29.68	54.00	16.87	H
8264.600	33.86	-34.97	37.56	31.26	54.00	20.14	H
8423.800	33.73	-34.35	37.79	30.29	54.00	20.27	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)
17965.200	40.82	-25.50	46.66	19.66	54.00	13.18	V
17936.200	40.72	-25.50	46.66	19.56	54.00	13.28	H
12332.800	38.07	-31.10	38.94	30.23	54.00	15.93	H
12331.700	37.52	-31.10	38.94	29.68	54.00	16.48	H
5352.600	45.96	-27.43	34.01	39.38	54.00	8.04	V
5352.000	44.83	-27.43	34.01	38.25	54.00	9.17	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)
17938.000	41.10	-25.50	46.66	19.94	54.00	12.90	H
17871.700	41.04	-25.50	46.66	19.88	54.00	12.96	V
7333.300	41.02	-35.13	36.65	39.50	54.00	12.98	V
7332.900	40.19	-35.13	36.65	38.67	54.00	13.81	V
5458.200	45.70	-27.18	34.17	38.71	54.00	8.30	H
5459.900	45.33	-27.18	34.17	38.34	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)
17939.500	41.71	-25.50	46.66	20.55	54.00	12.29	H
17901.000	40.87	-25.50	46.66	19.71	54.00	13.13	V
12330.600	37.21	-31.10	38.94	29.37	54.00	16.79	V
12329.900	37.20	-31.10	38.94	29.36	54.00	16.80	V
7466.800	35.42	-34.48	36.82	33.07	54.00	18.58	V
7466.000	35.07	-34.48	36.82	32.72	54.00	18.93	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)
17979.800	40.73	-25.50	46.66	19.57	54.00	13.27	H
17940.200	40.70	-25.50	46.66	19.54	54.00	13.30	H
12331.000	37.20	-31.10	38.94	29.36	54.00	16.80	V
12331.700	37.16	-31.10	38.94	29.32	54.00	16.84	H
9039.800	33.99	-33.76	38.13	29.62	54.00	20.01	V
7599.900	33.85	-35.04	36.87	32.02	54.00	20.15	V

802.11n-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.000	40.82	-25.50	46.66	19.66	54.00	13.18	V
17976.200	40.75	-25.50	46.66	19.59	54.00	13.25	V
12290.600	37.40	-31.10	38.94	29.56	54.00	16.60	V
12262.800	37.30	-31.43	38.99	29.74	54.00	16.70	V
5149.400	52.32	-27.61	33.67	46.26	54.00	1.68	H
5150.000	52.26	-27.61	33.67	46.20	54.00	1.74	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)
17957.800	41.24	-25.50	46.66	20.08	54.00	12.76	V
17931.400	40.82	-25.50	46.66	19.66	54.00	13.18	H
12219.900	37.06	-31.43	38.99	29.50	54.00	16.94	V
12289.500	37.04	-31.10	38.94	29.20	54.00	16.96	V
8494.200	34.82	-34.13	37.86	31.08	54.00	19.18	H
8381.200	33.89	-34.50	37.68	30.71	54.00	20.11	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)
17978.000	40.93	-25.50	46.66	19.77	54.00	13.07	V
17943.900	40.82	-25.50	46.66	19.66	54.00	13.18	V
12329.500	37.24	-31.10	38.94	29.40	54.00	16.76	H
12261.700	37.05	-31.43	38.99	29.49	54.00	16.95	V
9017.800	33.96	-33.76	38.13	29.59	54.00	20.04	H
9053.000	33.63	-33.76	38.13	29.26	54.00	20.37	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)
17941.300	41.78	-25.50	46.66	20.62	54.00	12.22	V
17932.900	40.79	-25.50	46.66	19.63	54.00	13.21	V
12311.900	37.32	-31.10	38.94	29.48	54.00	16.68	V
12332.800	37.28	-31.10	38.94	29.44	54.00	16.72	V
5350.900	52.07	-27.43	34.01	45.49	54.00	1.93	H
5351.100	52.05	-27.43	34.01	45.47	54.00	1.95	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)
17952.000	40.81	-25.50	46.66	19.65	54.00	13.19	V
17957.800	40.79	-25.50	46.66	19.63	54.00	13.21	V
7346.500	40.34	-35.13	36.65	38.82	54.00	13.66	V
7346.900	38.76	-35.13	36.65	37.24	54.00	15.24	V
5458.800	42.91	-27.18	34.17	35.92	54.00	11.09	H
5459.000	42.82	-27.18	34.17	35.83	54.00	11.18	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)
17978.400	41.04	-25.50	46.66	19.88	54.00	12.96	V
17868.000	40.72	-25.50	46.66	19.56	54.00	13.28	V
12331.000	37.21	-31.10	38.94	29.37	54.00	16.79	V
12327.700	37.15	-31.10	38.94	29.31	54.00	16.85	H
7453.200	36.97	-35.17	36.75	35.39	54.00	17.03	V
7453.600	36.48	-35.17	36.75	34.90	54.00	17.52	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)
17934.700	40.98	-25.50	46.66	19.82	54.00	13.02	H
17940.200	40.97	-25.50	46.66	19.81	54.00	13.03	H
12330.200	37.58	-31.10	38.94	29.74	54.00	16.42	V
12288.800	37.14	-31.10	38.94	29.30	54.00	16.86	V
9136.200	34.05	-33.85	38.08	29.82	54.00	19.95	H
8241.900	33.94	-35.19	37.45	31.69	54.00	20.06	V

802.11ac-HT20

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17975.800	40.65	-25.50	46.66	19.49	54.00	13.35	H
17938.000	40.57	-25.50	46.66	19.41	54.00	13.43	H
12264.600	37.49	-31.43	38.99	29.93	54.00	16.51	H
12263.500	37.03	-31.43	38.99	29.47	54.00	16.97	V
5146.800	45.66	-27.61	33.67	39.60	54.00	8.34	H
5149.200	45.52	-27.61	33.67	39.46	54.00	8.48	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)
17951.200	40.62	-25.50	46.66	19.46	54.00	13.38	V
17954.200	40.50	-25.50	46.66	19.34	54.00	13.50	V
12322.900	37.88	-31.10	38.94	30.04	54.00	16.12	H
12332.400	37.26	-31.10	38.94	29.42	54.00	16.74	H
8375.700	33.88	-34.50	37.68	30.70	54.00	20.12	V
8222.500	33.68	-35.19	37.45	31.43	54.00	20.32	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)
17953.800	41.10	-25.50	46.66	19.94	54.00	12.90	V
17889.600	40.94	-25.50	46.66	19.78	54.00	13.06	H
12331.300	37.56	-31.10	38.94	29.72	54.00	16.44	V
12220.600	37.45	-31.43	38.99	29.89	54.00	16.55	V
9087.100	34.07	-33.76	38.13	29.70	54.00	19.93	V
8138.900	33.86	-34.58	37.33	31.11	54.00	20.14	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)
17901.000	40.96	-25.50	46.66	19.80	54.00	13.04	V
17883.800	40.92	-25.50	46.66	19.76	54.00	13.08	H
12332.800	37.75	-31.10	38.94	29.91	54.00	16.25	H
12333.200	37.49	-31.10	38.94	29.65	54.00	16.51	V
9499.200	33.94	-33.19	37.93	29.21	54.00	20.06	H
9053.700	33.52	-33.76	38.13	29.15	54.00	20.48	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)
17953.800	41.10	-25.50	46.66	19.94	54.00	12.90	H
17938.800	40.94	-25.50	46.66	19.78	54.00	13.06	H
12329.900	37.42	-31.10	38.94	29.58	54.00	16.58	V
12326.900	37.37	-31.10	38.94	29.53	54.00	16.63	H
9408.600	33.71	-32.95	37.91	28.74	54.00	20.29	V
9052.200	33.67	-33.76	38.13	29.30	54.00	20.33	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17865.800	40.77	-25.50	46.66	19.61	54.00	13.23	V
17973.600	40.74	-25.50	46.66	19.58	54.00	13.26	H
12313.400	37.03	-31.10	38.94	29.19	54.00	16.97	H
12286.200	37.02	-31.10	38.94	29.18	54.00	16.98	H
5353.000	44.60	-27.43	34.01	38.02	54.00	9.40	H
5352.800	44.31	-27.43	34.01	37.73	54.00	9.69	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)
7333.300	41.02	-35.13	36.65	39.50	54.00	12.98	V
17939.100	40.88	-25.50	46.66	19.72	54.00	13.12	H
17977.600	40.63	-25.50	46.66	19.47	54.00	13.37	V
7332.900	40.10	-35.13	36.65	38.58	54.00	13.90	V
5456.700	44.98	-27.18	34.17	37.99	54.00	9.02	H
5459.400	44.98	-27.18	34.17	37.99	54.00	9.02	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)
17977.600	40.98	-25.50	46.66	19.82	54.00	13.02	V
17958.200	40.76	-25.50	46.66	19.60	54.00	13.24	H
7466.400	37.63	-34.48	36.82	35.28	54.00	16.37	V
12300.900	37.24	-31.10	38.94	29.40	54.00	16.76	V
12332.100	37.21	-31.10	38.94	29.37	54.00	16.79	H
7466.800	37.05	-34.48	36.82	34.70	54.00	16.95	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17937.300	40.62	-25.50	46.66	19.46	54.00	13.38	V
17947.200	40.59	-25.50	46.66	19.43	54.00	13.41	V
12332.400	37.16	-31.10	38.94	29.32	54.00	16.84	V
12333.200	37.08	-31.10	38.94	29.24	54.00	16.92	V
9145.000	33.92	-33.85	38.08	29.69	54.00	20.08	H
8381.600	33.88	-34.50	37.68	30.70	54.00	20.12	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)
17939.500	40.99	-25.50	46.66	19.83	54.00	13.01	H
17953.800	40.91	-25.50	46.66	19.75	54.00	13.09	H
12310.800	37.46	-31.10	38.94	29.62	54.00	16.54	H
12296.100	37.35	-31.10	38.94	29.51	54.00	16.65	V
5149.900	46.76	-27.61	33.67	40.70	54.00	7.24	H
5149.900	46.75	-27.61	33.67	40.69	54.00	7.25	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)
17941.300	40.91	-25.50	46.66	19.75	54.00	13.09	V
17936.900	40.69	-25.50	46.66	19.53	54.00	13.31	H
12332.100	37.57	-31.10	38.94	29.73	54.00	16.43	H
12288.800	37.46	-31.10	38.94	29.62	54.00	16.54	H
8357.800	34.07	-34.50	37.68	30.89	54.00	19.93	H
8344.200	33.69	-34.50	37.68	30.51	54.00	20.31	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)
17941.300	40.93	-25.50	46.66	19.77	54.00	13.07	V
17954.200	40.54	-25.50	46.66	19.38	54.00	13.46	H
12331.700	37.77	-31.10	38.94	29.93	54.00	16.23	H
12223.500	37.05	-31.43	38.99	29.49	54.00	16.95	V
9125.600	33.65	-33.85	38.08	29.42	54.00	20.35	H
8100.400	33.59	-34.58	37.33	30.84	54.00	20.41	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)
17938.400	40.81	-25.50	46.66	19.65	54.00	13.19	V
17908.700	40.75	-25.50	46.66	19.59	54.00	13.25	V
12332.800	37.42	-31.10	38.94	29.58	54.00	16.58	H
12220.600	37.30	-31.43	38.99	29.74	54.00	16.70	H
5350.200	49.76	-27.43	34.01	43.18	54.00	4.24	H
5350.300	49.71	-27.43	34.01	43.13	54.00	4.29	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)
17932.200	40.95	-25.50	46.66	19.79	54.00	13.05	V
7346.500	40.88	-35.13	36.65	39.36	54.00	13.12	V
17978.400	40.73	-25.50	46.66	19.57	54.00	13.27	H
7346.900	39.82	-35.13	36.65	38.30	54.00	14.18	V
5459.500	45.11	-27.18	34.17	38.12	54.00	8.89	H
5459.900	44.86	-27.18	34.17	37.87	54.00	9.14	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)
17972.500	40.97	-25.50	46.66	19.81	54.00	13.03	H
17828.000	40.76	-25.50	46.66	19.60	54.00	13.24	V
12330.600	37.36	-31.10	38.94	29.52	54.00	16.64	V
12287.700	37.15	-31.10	38.94	29.31	54.00	16.85	H
7452.800	36.61	-35.17	36.75	35.03	54.00	17.39	V
7453.200	36.54	-35.17	36.75	34.96	54.00	17.46	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)
17931.400	40.73	-25.50	46.66	19.57	54.00	13.27	V
17974.000	40.69	-25.50	46.66	19.53	54.00	13.31	H
12290.600	37.20	-31.10	38.94	29.36	54.00	16.80	H
12331.300	37.05	-31.10	38.94	29.21	54.00	16.95	H
7559.900	33.66	-35.04	36.87	31.83	54.00	20.34	V
9039.800	33.58	-33.76	38.13	29.21	54.00	20.42	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)
17975.100	41.05	-25.50	46.66	19.89	54.00	12.95	H
17935.500	40.93	-25.50	46.66	19.77	54.00	13.07	V
12309.300	37.41	-31.10	38.94	29.57	54.00	16.59	V
12330.200	37.17	-31.10	38.94	29.33	54.00	16.83	V
5146.000	49.60	-27.61	33.67	43.54	54.00	4.40	H
5144.900	49.52	-27.61	33.67	43.46	54.00	4.48	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)
17967.700	41.30	-25.50	46.66	20.14	54.00	12.70	V
17979.100	40.87	-25.50	46.66	19.71	54.00	13.13	H
12328.000	37.23	-31.10	38.94	29.39	54.00	16.77	H
12293.200	37.15	-31.10	38.94	29.31	54.00	16.85	H
5350.100	53.75	-27.43	34.01	47.17	54.00	0.25	H
5350.800	53.75	-27.43	34.01	47.17	54.00	0.25	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	40.77	-25.50	46.66	19.61	54.00	13.23	H
17975.800	40.66	-25.50	46.66	19.50	54.00	13.34	V
12333.200	37.50	-31.10	38.94	29.66	54.00	16.50	H
12330.200	37.28	-31.10	38.94	29.44	54.00	16.72	H
7480.000	37.01	-34.48	36.82	34.66	54.00	16.99	V
7480.300	35.28	-34.48	36.82	32.93	54.00	18.72	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)
17939.500	40.77	-25.50	46.66	19.61	54.00	13.23	H
17975.800	40.66	-25.50	46.66	19.50	54.00	13.34	V
12333.200	37.50	-31.10	38.94	29.66	54.00	16.50	H
12330.200	37.28	-31.10	38.94	29.44	54.00	16.72	H
7480.000	37.01	-34.48	36.82	34.66	54.00	16.99	V
7480.300	35.28	-34.48	36.82	32.93	54.00	18.72	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)
15539.300	51.40	-27.36	38.73	40.03	74.00	22.60	H
15543.300	50.90	-27.36	38.73	39.53	74.00	23.10	H
12218.400	45.43	-31.43	38.99	37.87	74.00	28.57	V
12300.500	45.31	-31.10	38.94	37.47	74.00	28.69	V
5146.700	53.73	-27.61	33.67	47.67	74.00	20.27	V
5149.000	53.43	-27.61	33.67	47.37	74.00	20.57	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)
16971.100	49.45	-26.32	42.36	33.40	68.30	18.85	H
17929.200	49.34	-25.50	46.66	28.18	74.00	24.66	H
12309.000	46.01	-31.10	38.94	38.17	74.00	27.99	H
12086.800	45.84	-31.59	39.04	38.39	74.00	28.16	H
10138.700	43.67	-33.45	38.13	38.99	68.30	24.63	H
8904.100	43.22	-33.54	38.14	38.61	68.30	25.08	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)
17882.700	50.35	-25.50	46.66	29.19	74.00	23.65	H
17976.200	49.43	-25.50	46.66	28.27	74.00	24.57	V
11850.300	45.83	-31.85	39.05	38.63	74.00	28.17	H
12296.900	45.77	-31.10	38.94	37.93	74.00	28.23	H
9045.600	43.66	-33.76	38.13	39.29	74.00	30.34	H
10250.500	43.38	-33.33	38.15	38.56	68.30	24.92	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)
17369.000	49.94	-25.95	44.35	31.53	68.30	18.36	H
17862.500	49.56	-25.50	46.66	28.40	74.00	24.44	H
12289.200	46.38	-31.10	38.94	38.54	74.00	27.62	V
12224.300	45.80	-31.43	38.99	38.24	74.00	28.20	H
10251.600	43.72	-33.33	38.15	38.90	68.30	24.58	H
10120.700	43.07	-33.45	38.13	38.39	68.30	25.23	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)
7040.000	52.71	-35.37	36.25	51.83	68.30	15.59	H
7039.600	51.78	-35.37	36.25	50.90	68.30	16.52	H
17938.400	49.37	-25.50	46.66	28.21	74.00	24.63	H
16827.000	49.35	-26.62	41.49	34.48	68.30	18.95	V
11761.200	46.05	-31.99	38.98	39.06	74.00	27.95	H
12259.800	45.71	-31.43	38.99	38.15	74.00	28.29	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)
7093.500	51.27	-35.37	36.25	50.39	68.30	17.03	H
7093.100	50.55	-35.37	36.25	49.67	68.30	17.75	H
17953.100	49.22	-25.50	46.66	28.06	74.00	24.78	H
17971.800	49.12	-25.50	46.66	27.96	74.00	24.88	H
5363.900	53.62	-27.43	34.01	47.04	74.00	20.38	H
5352.200	53.30	-27.43	34.01	46.72	74.00	20.70	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)
17937.300	49.93	-25.50	46.66	28.77	74.00	24.07	V
17025.400	49.64	-26.32	42.36	33.59	68.30	18.66	V
12258.400	46.60	-31.43	38.99	39.04	74.00	27.40	V
12264.200	45.87	-31.43	38.99	38.31	74.00	28.13	H
5458.000	54.44	-27.18	34.17	47.45	74.00	19.56	H
5469.300	58.42	-27.18	34.17	51.43	68.30	9.88	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)
16905.900	50.71	-26.32	42.36	34.66	68.30	17.59	H
17432.000	49.51	-26.85	45.25	31.11	68.30	18.79	H
12303.500	46.05	-31.10	38.94	38.21	74.00	27.95	H
12330.600	45.48	-31.10	38.94	37.64	74.00	28.52	H
10302.600	43.75	-33.68	38.17	39.25	68.30	24.55	V
10059.800	43.67	-33.45	38.13	38.99	68.30	24.63	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)
17087.400	50.68	-26.60	43.36	33.92	68.30	17.62	H
17106.400	50.63	-26.60	43.36	33.87	68.30	17.67	H
12325.800	45.46	-31.10	38.94	37.62	74.00	28.54	V
12265.000	45.40	-31.43	38.99	37.84	74.00	28.60	H
5727.500	59.92	-27.07	34.31	52.68	68.30	8.38	H
5727.200	59.73	-27.07	34.31	52.49	68.30	8.57	H

802.11n-HT20

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.600	49.37	-25.50	46.66	28.21	74.00	24.63	V
17928.900	49.23	-25.50	46.66	28.07	74.00	24.77	V
12332.800	46.10	-31.10	38.94	38.26	74.00	27.90	V
12219.100	45.91	-31.43	38.99	38.35	74.00	28.09	H
5149.900	57.35	-27.61	33.67	51.29	74.00	16.65	H
5147.700	57.14	-27.61	33.67	51.08	74.00	16.86	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)
17935.100	50.45	-25.50	46.66	29.29	74.00	23.55	V
17917.900	49.98	-25.50	46.66	28.82	74.00	24.02	H
12312.600	46.35	-31.10	38.94	38.51	74.00	27.65	V
12223.200	46.21	-31.43	38.99	38.65	74.00	27.79	H
9581.300	43.22	-33.06	37.97	38.31	68.30	25.08	V
10242.800	43.18	-33.33	38.15	38.36	68.30	25.12	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)
16677.800	49.73	-26.87	40.65	35.95	68.30	18.57	H
17918.600	49.54	-25.50	46.66	28.38	74.00	24.46	V
12148.700	46.08	-31.59	39.04	38.63	74.00	27.92	V
12326.600	45.97	-31.10	38.94	38.13	74.00	28.03	H
9992.000	44.17	-33.63	38.11	39.69	68.30	24.13	H
10247.600	43.89	-33.33	38.15	39.07	68.30	24.41	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)
7013.200	52.59	-35.24	36.14	51.68	68.30	15.71	H
7012.800	51.81	-35.24	36.14	50.90	68.30	16.49	H
16852.700	49.40	-26.62	41.49	34.53	68.30	18.90	V
16958.300	49.39	-26.32	42.36	33.34	68.30	18.91	H
12330.200	45.39	-31.10	38.94	37.55	74.00	28.61	H
12333.200	45.39	-31.10	38.94	37.55	74.00	28.61	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)
7040.000	52.31	-35.37	36.25	51.43	68.30	15.99	H
7039.600	51.28	-35.37	36.25	50.40	68.30	17.02	H
17979.500	49.81	-25.50	46.66	28.65	74.00	24.19	V
17876.400	49.25	-25.50	46.66	28.09	74.00	24.75	H
12327.700	45.89	-31.10	38.94	38.05	74.00	28.11	V
12305.700	45.68	-31.10	38.94	37.84	74.00	28.32	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
7093.100	50.79	-35.37	36.25	49.91	68.30	17.51	H
7093.500	50.66	-35.37	36.25	49.78	68.30	17.64	H
17869.100	49.48	-25.50	46.66	28.32	74.00	24.52	V
17946.100	49.20	-25.50	46.66	28.04	74.00	24.80	V
5352.600	61.64	-27.43	34.01	55.06	74.00	12.36	V
5355.200	53.70	-27.43	34.01	47.12	74.00	20.30	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)
16865.900	49.54	-26.62	41.49	34.67	68.30	18.76	V
17272.900	49.45	-25.95	44.35	31.04	68.30	18.85	H
12314.500	46.28	-31.10	38.94	38.44	74.00	27.72	H
12266.100	46.12	-31.43	38.99	38.56	74.00	27.88	V
5457.800	54.83	-27.18	34.17	47.84	74.00	19.17	H
5465.000	59.22	-27.18	34.17	52.23	68.30	9.08	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)
17979.500	49.32	-25.50	46.66	28.16	74.00	24.68	H
17970.700	49.03	-25.50	46.66	27.87	74.00	24.97	H
12332.400	46.39	-31.10	38.94	38.55	74.00	27.61	H
12300.900	45.90	-31.10	38.94	38.06	74.00	28.10	V
8845.100	43.31	-33.54	38.14	38.70	68.30	24.99	V
10125.100	43.24	-33.45	38.13	38.56	68.30	25.06	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)
17098.700	52.28	-26.60	43.36	35.52	68.30	16.02	H
17091.800	52.08	-26.60	43.36	35.32	68.30	16.22	H
12286.600	46.29	-31.10	38.94	38.45	74.00	27.71	H
11970.500	45.93	-31.48	39.09	38.32	74.00	28.07	H
5725.100	63.55	-27.07	34.31	56.31	68.30	4.75	H
5725.100	62.83	-27.07	34.31	55.59	68.30	5.47	H

802.11n-HT40

Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
16973.000	49.60	-26.32	42.36	33.55	68.30	18.70	H
17133.600	49.32	-26.60	43.36	32.56	68.30	18.98	H
12332.800	47.00	-31.10	38.94	39.16	74.00	27.00	V
12329.900	45.78	-31.10	38.94	37.94	74.00	28.22	H
5148.900	62.11	-27.61	33.67	56.05	74.00	11.89	H
5150.000	61.12	-27.61	33.67	55.06	74.00	12.88	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)
16863.000	50.16	-26.62	41.49	35.29	68.30	18.14	H
16953.200	49.46	-26.32	42.36	33.41	68.30	18.84	V
12219.900	45.60	-31.43	38.99	38.04	74.00	28.40	V
12269.400	45.49	-31.43	38.99	37.93	74.00	28.51	V
10064.600	43.82	-33.45	38.13	39.14	68.30	24.48	V
10179.400	43.41	-33.33	38.15	38.59	68.30	24.89	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)
7026.400	53.48	-35.24	36.14	52.57	68.30	14.82	H
7026.800	53.32	-35.24	36.14	52.41	68.30	14.98	H
17933.600	49.25	-25.50	46.66	28.09	74.00	24.75	V
17930.700	49.16	-25.50	46.66	28.00	74.00	24.84	V
12330.200	45.77	-31.10	38.94	37.93	74.00	28.23	V
12331.700	45.43	-31.10	38.94	37.59	74.00	28.57	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)
7079.900	50.47	-35.37	36.25	49.59	68.30	17.83	H
7079.600	50.44	-35.37	36.25	49.56	68.30	17.86	V
17941.300	49.73	-25.50	46.66	28.57	74.00	24.27	V
16893.800	49.16	-26.32	42.36	33.11	68.30	19.14	V
5352.300	61.61	-27.43	34.01	55.03	74.00	12.39	H
5350.700	61.13	-27.43	34.01	54.55	74.00	12.87	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17377.400	49.87	-25.95	44.35	31.46	68.30	18.43	V
17931.400	49.24	-25.50	46.66	28.08	74.00	24.76	V
12332.100	46.66	-31.10	38.94	38.82	74.00	27.34	V
12329.100	46.57	-31.10	38.94	38.73	74.00	27.43	H
5453.200	52.86	-27.18	34.17	45.87	74.00	21.14	H
5466.900	53.67	-27.18	34.17	46.68	68.30	14.63	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)
17365.300	49.81	-25.95	44.35	31.40	68.30	18.49	V
17961.500	49.42	-25.50	46.66	28.26	74.00	24.58	H
12331.000	45.92	-31.10	38.94	38.08	74.00	28.08	V
12331.700	45.53	-31.10	38.94	37.69	74.00	28.47	H
10259.700	43.68	-33.33	38.15	38.86	68.30	24.62	V
10010.000	43.23	-33.63	38.11	38.75	68.30	25.07	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)
17912.000	49.76	-25.50	46.66	28.60	74.00	24.24	H
17150.100	49.29	-26.60	43.36	32.53	68.30	19.01	H
12327.300	46.26	-31.10	38.94	38.42	74.00	27.74	V
11846.600	45.92	-31.85	39.05	38.72	74.00	28.08	H
5727.500	55.74	-27.07	34.31	48.50	68.30	12.56	H
5746.100	54.89	-27.07	34.31	47.65	68.30	13.41	H

802.11ac-HT20

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.000	49.37	-25.50	46.66	28.21	74.00	24.63	H
17980.900	49.36	-25.50	46.66	28.20	74.00	24.64	H
12303.800	45.83	-31.10	38.94	37.99	74.00	28.17	H
12305.300	45.70	-31.10	38.94	37.86	74.00	28.30	V
5148.300	55.07	-27.61	33.67	49.01	74.00	18.93	H
5149.200	54.87	-27.61	33.67	48.81	74.00	19.13	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)
17870.200	49.68	-25.50	46.66	28.52	74.00	24.32	H
17960.000	49.18	-25.50	46.66	28.02	74.00	24.82	H
11993.600	46.03	-31.48	39.09	38.42	74.00	27.97	V
12080.200	45.86	-31.59	39.04	38.41	74.00	28.14	V
10108.600	43.58	-33.45	38.13	38.90	68.30	24.72	H
9067.300	43.24	-33.76	38.13	38.87	74.00	30.76	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.800	49.59	-25.50	46.66	28.43	74.00	24.41	V
16857.500	49.36	-26.62	41.49	34.49	68.30	18.94	V
12225.700	46.11	-31.43	38.99	38.55	74.00	27.89	V
11911.900	46.02	-31.85	39.05	38.82	74.00	27.98	V
10158.100	43.47	-33.45	38.13	38.79	68.30	24.83	V
10278.700	43.27	-33.68	38.17	38.77	68.30	25.03	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)
7013.200	52.69	-35.24	36.14	51.78	68.30	15.61	H
7012.800	52.33	-35.24	36.14	51.42	68.30	15.97	H
17998.500	49.81	-25.50	46.66	28.65	74.00	24.19	V
17976.200	49.60	-25.50	46.66	28.44	74.00	24.40	V
12260.900	45.84	-31.43	38.99	38.28	74.00	28.16	H
12268.600	45.82	-31.43	38.99	38.26	74.00	28.18	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)
7040.000	51.98	-35.37	36.25	51.10	68.30	16.32	H
7039.600	51.44	-35.37	36.25	50.56	68.30	16.86	H
17898.100	50.09	-25.50	46.66	28.93	74.00	23.91	H
17910.900	49.66	-25.50	46.66	28.50	74.00	24.34	H
12329.900	45.53	-31.10	38.94	37.69	74.00	28.47	V
12221.000	45.40	-31.43	38.99	37.84	74.00	28.60	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)
7093.100	51.76	-35.37	36.25	50.88	68.30	16.54	H
7093.500	50.72	-35.37	36.25	49.84	68.30	17.58	H
16634.200	49.26	-26.87	40.65	35.48	68.30	19.04	H
17890.000	49.19	-25.50	46.66	28.03	74.00	24.81	V
5371.400	53.92	-27.43	34.01	47.34	74.00	20.08	H
5351.500	53.47	-27.43	34.01	46.89	74.00	20.53	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)
17938.400	49.57	-25.50	46.66	28.41	74.00	24.43	V
17976.200	49.57	-25.50	46.66	28.41	74.00	24.43	H
12331.700	45.54	-31.10	38.94	37.70	74.00	28.46	V
12270.100	45.53	-31.43	38.99	37.97	74.00	28.47	V
5457.200	53.99	-27.18	34.17	47.00	74.00	20.01	H
5468.100	56.15	-27.18	34.17	49.16	68.30	12.15	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)
17910.200	49.82	-25.50	46.66	28.66	74.00	24.18	H
17890.000	49.39	-25.50	46.66	28.23	74.00	24.61	V
12289.200	46.04	-31.10	38.94	38.20	74.00	27.96	H
12008.300	45.54	-31.48	39.09	37.93	74.00	28.46	V
8914.400	44.23	-33.54	38.14	39.62	68.30	24.07	H
10282.000	43.66	-33.68	38.17	39.16	68.30	24.64	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)
17846.700	49.39	-25.50	46.66	28.23	74.00	24.61	H
17090.700	49.36	-26.60	43.36	32.60	68.30	18.94	H
12262.800	46.99	-31.43	38.99	39.43	74.00	27.01	H
12310.400	45.69	-31.10	38.94	37.85	74.00	28.31	H
5725.200	60.46	-27.07	34.31	53.22	68.30	7.84	H
5725.200	59.07	-27.07	34.31	51.83	68.30	9.23	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)
17939.100	49.58	-25.50	46.66	28.42	74.00	24.42	V
17909.400	49.23	-25.50	46.66	28.07	74.00	24.77	V
12266.100	45.76	-31.43	38.99	38.20	74.00	28.24	V
12332.100	45.64	-31.10	38.94	37.80	74.00	28.36	V
5145.700	55.93	-27.61	33.67	49.87	74.00	18.07	H
5149.600	55.58	-27.61	33.67	49.52	74.00	18.42	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)
17976.900	49.79	-25.50	46.66	28.63	74.00	24.21	V
17934.400	49.53	-25.50	46.66	28.37	74.00	24.47	H
12332.400	46.62	-31.10	38.94	38.78	74.00	27.38	V
12263.500	46.10	-31.43	38.99	38.54	74.00	27.90	V
8901.900	43.67	-33.54	38.14	39.06	68.30	24.63	V
8902.300	43.61	-33.54	38.14	39.00	68.30	24.69	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)
7026.400	54.23	-35.24	36.14	53.32	68.30	14.07	H
7026.800	54.23	-35.24	36.14	53.32	68.30	14.07	V
17935.100	50.13	-25.50	46.66	28.97	74.00	23.87	V
17342.900	49.67	-25.95	44.35	31.26	68.30	18.63	V
12332.800	45.57	-31.10	38.94	37.73	74.00	28.43	V
12274.900	45.43	-31.10	38.94	37.59	74.00	28.57	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)
7079.900	51.48	-35.37	36.25	50.60	68.30	16.82	H
7079.600	51.27	-35.37	36.25	50.39	68.30	17.03	H
17933.600	49.17	-25.50	46.66	28.01	74.00	24.83	V
17982.400	49.11	-25.50	46.66	27.95	74.00	24.89	V
5358.000	61.96	-27.43	34.01	55.38	74.00	12.04	H
5354.000	58.98	-27.43	34.01	52.40	74.00	15.02	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)
16858.900	49.62	-26.62	41.49	34.75	68.30	18.68	H
16845.400	49.61	-26.62	41.49	34.74	68.30	18.69	H
12332.400	46.27	-31.10	38.94	38.43	74.00	27.73	H
12330.600	45.96	-31.10	38.94	38.12	74.00	28.04	V
5460.000	55.58	-27.18	34.17	48.59	74.00	18.42	H
5469.800	59.36	-27.18	34.17	52.37	68.30	8.94	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)
16836.900	49.95	-26.62	41.49	35.08	68.30	18.35	H
17876.400	49.82	-25.50	46.66	28.66	74.00	24.18	H
12221.000	45.93	-31.43	38.99	38.37	74.00	28.07	V
12330.600	45.70	-31.10	38.94	37.86	74.00	28.30	V
10245.000	43.42	-33.33	38.15	38.60	68.30	24.88	H
10251.600	43.03	-33.33	38.15	38.21	68.30	25.27	V

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.100	49.59	-25.50	46.66	28.43	74.00	24.41	H
16634.200	49.47	-26.87	40.65	35.69	68.30	18.83	H
12333.200	46.13	-31.10	38.94	38.29	74.00	27.87	V
12309.300	45.57	-31.10	38.94	37.73	74.00	28.43	H
5742.200	55.02	-27.07	34.31	47.78	68.30	13.28	H
5728.500	54.69	-27.07	34.31	47.45	68.30	13.61	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)
17935.500	49.47	-25.50	46.66	28.31	74.00	24.53	V
17069.400	49.09	-26.60	43.36	32.33	68.30	19.21	H
12330.600	45.59	-31.10	38.94	37.75	74.00	28.41	H
12014.200	45.58	-31.48	39.09	37.97	74.00	28.42	H
5149.800	62.00	-27.61	33.67	55.94	74.00	12.00	H
5149.800	61.78	-27.61	33.67	55.72	74.00	12.22	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)
7053.200	53.93	-35.37	36.25	53.05	68.30	14.37	H
7053.500	53.32	-35.37	36.25	52.44	68.30	14.98	H
17930.300	49.33	-25.50	46.66	28.17	74.00	24.67	H
17046.300	49.28	-26.60	43.36	32.52	68.30	19.02	H
5352.300	61.75	-27.43	34.01	55.17	74.00	12.25	H
5353.100	61.73	-27.43	34.01	55.15	74.00	12.27	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)
17910.200	49.37	-25.50	46.66	28.21	74.00	24.63	H
17898.100	49.28	-25.50	46.66	28.12	74.00	24.72	V
12263.500	45.69	-31.43	38.99	38.13	74.00	28.31	H
12331.300	45.67	-31.10	38.94	37.83	74.00	28.33	H
5450.000	61.73	-27.18	34.17	54.74	74.00	12.27	H
5464.800	62.33	-27.18	34.17	55.34	68.30	5.97	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)
17873.900	49.59	-25.50	46.66	28.43	74.00	24.41	V
17371.500	49.55	-25.95	44.35	31.14	68.30	18.75	V
12260.900	45.99	-31.43	38.99	38.43	74.00	28.01	V
12264.200	45.64	-31.43	38.99	38.08	74.00	28.36	V
5727.700	53.15	-27.07	34.31	45.91	68.30	15.15	H
5727.800	52.84	-27.07	34.31	45.60	68.30	15.46	H

Conclusion: PASS

Sample calculation: 17873.900 MHz

$$\text{Peak ERP(dBm)} = P_{\text{Mea}}(28.43\text{dBuV/m}) + \text{Cable Loss}(-25.50) + \text{Antenna Factor}(46.66) = 49.59 \text{ dBuV/m}$$

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 =3.08dB, 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.61	Fig.62	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.61	Fig.62	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.

EUT ID: UT26a

Conclusion: PASS

Test graphs as below:

Traffic:

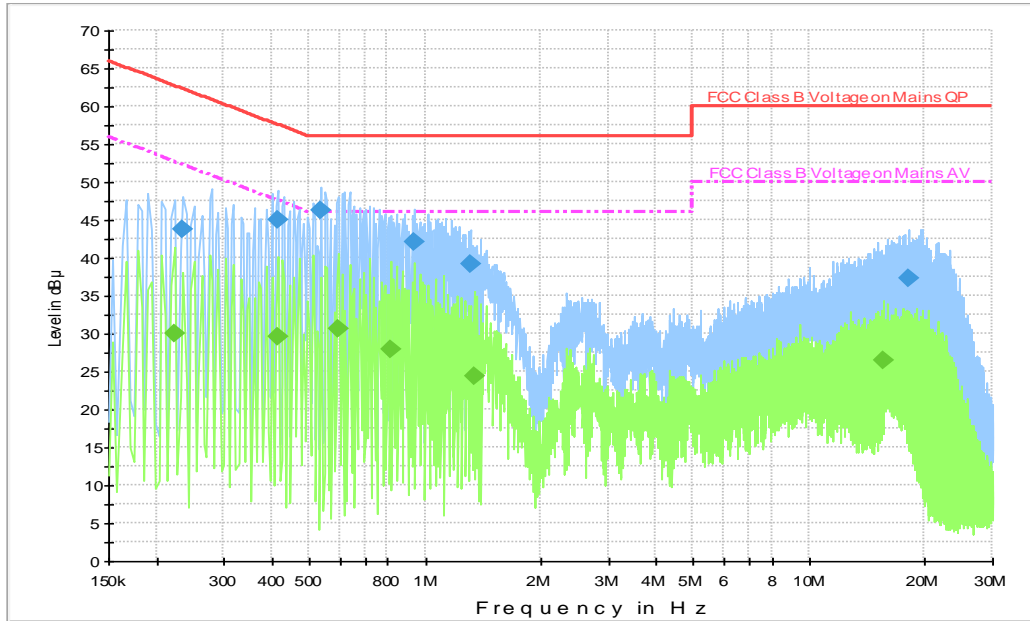


Fig.61 Conducted Emission (802.11a, Ch36, TX)

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)
0.234000	43.8	2000.0	9.000	On	L1	19.7	18.5	62.3
0.414000	45.1	2000.0	9.000	On	N	19.7	12.5	57.6
0.534000	46.4	2000.0	9.000	On	L1	19.7	9.6	56.0
0.938000	42.0	2000.0	9.000	On	N	19.6	14.0	56.0
1.310000	39.2	2000.0	9.000	On	N	19.6	16.8	56.0
18.158000	37.2	2000.0	9.000	On	L1	19.7	22.8	60.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.222000	30.0	2000.0	9.000	On	N	19.7	22.7	52.7
0.414000	29.6	2000.0	9.000	On	N	19.7	18.0	47.6
0.594000	30.6	2000.0	9.000	On	N	19.6	15.4	46.0
0.814000	27.9	2000.0	9.000	On	N	19.7	18.1	46.0
1.338000	24.4	2000.0	9.000	On	N	19.6	21.6	46.0
15.686000	26.5	2000.0	9.000	On	L1	19.7	23.5	50.0

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

Idle:

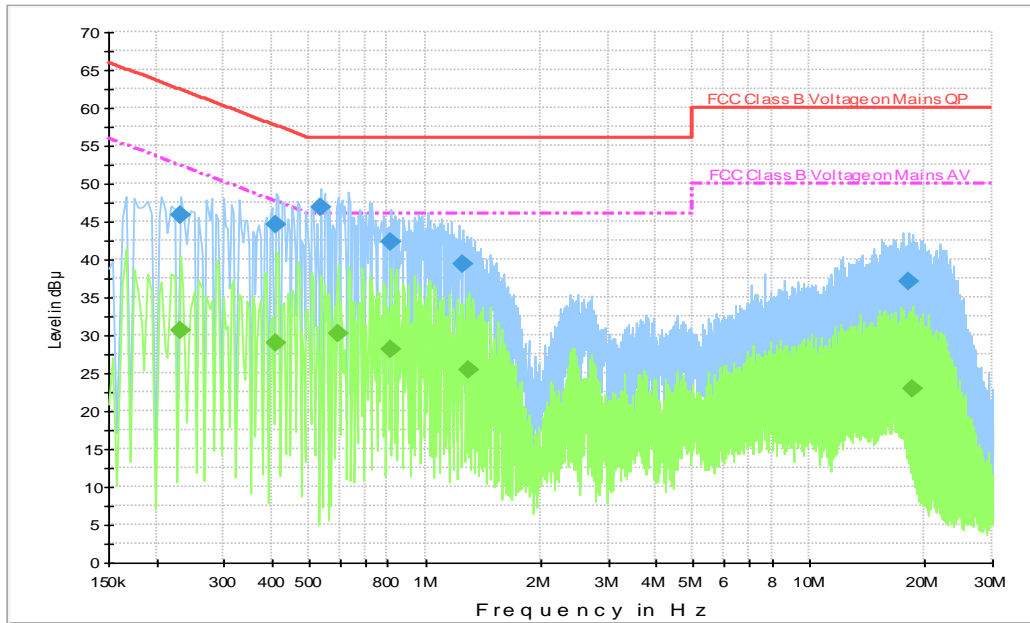


Fig.62 Conducted Emission(802.11a, IDLE)

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)
0.230000	45.8	2000.0	9.000	On	N	19.7	16.6	62.4
0.410000	44.7	2000.0	9.000	On	N	19.7	13.0	57.6
0.538000	46.9	2000.0	9.000	On	L1	19.7	9.1	56.0
0.810000	42.2	2000.0	9.000	On	N	19.7	13.8	56.0
1.250000	39.5	2000.0	9.000	On	N	19.6	16.5	56.0
18.090000	37.0	2000.0	9.000	On	L1	19.7	23.0	60.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.230000	30.7	2000.0	9.000	On	N	19.7	21.7	52.4
0.410000	29.0	2000.0	9.000	On	N	19.7	18.7	47.6
0.594000	30.2	2000.0	9.000	On	L1	19.7	15.8	46.0
0.810000	28.1	2000.0	9.000	On	N	19.7	17.9	46.0
1.306000	25.4	2000.0	9.000	On	N	19.6	20.6	46.0
18.606000	22.9	2000.0	9.000	On	L1	19.7	27.1	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
-------------------------	---------

Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.63	17.00	P
	5200 MHz	Fig.64	16.96	P
	5240 MHz	Fig.65	16.96	P
802.11n HT20	5180 MHz	Fig.66	18.04	P
	5200 MHz	Fig.67	18.04	P
	5240 MHz	Fig.68	18.04	P
802.11n HT40	5190 MHz	Fig.69	36.32	P
	5230 MHz	Fig.70	36.32	P
802.11ac HT80	5210 MHz	Fig.71	76.00	P

Conclusion: PASS
Test graphs as below:

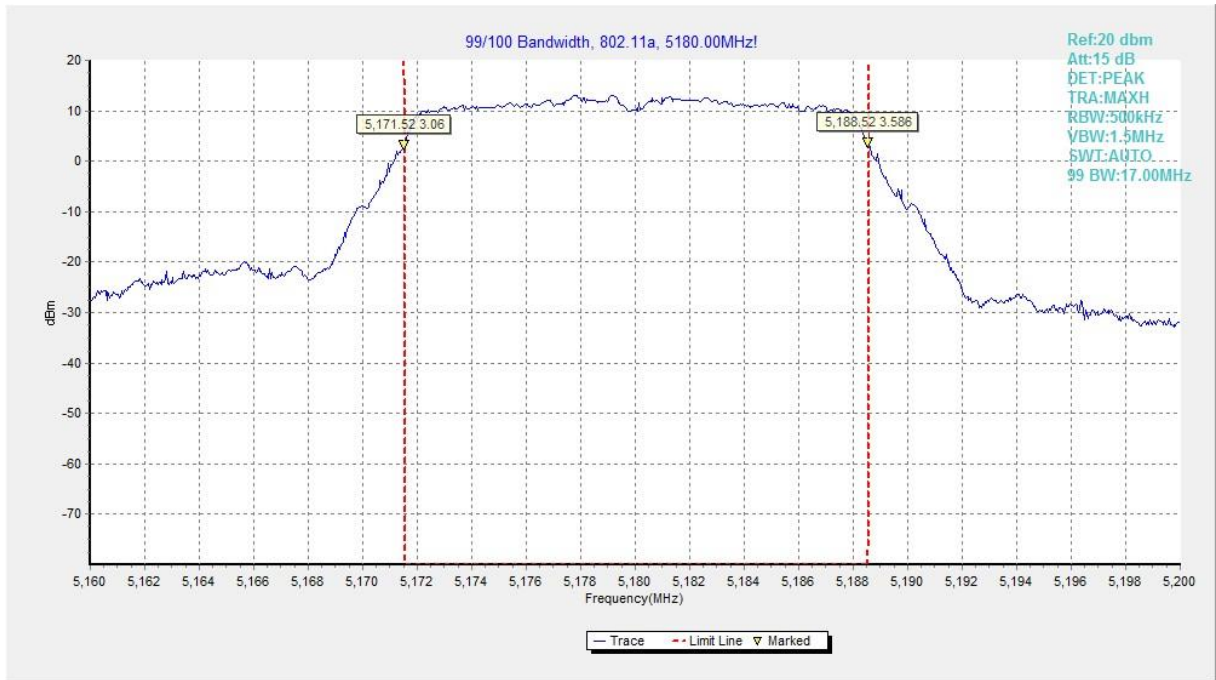


Fig.63 99% Occupied bandwidth (802.11a, 5180MHz)

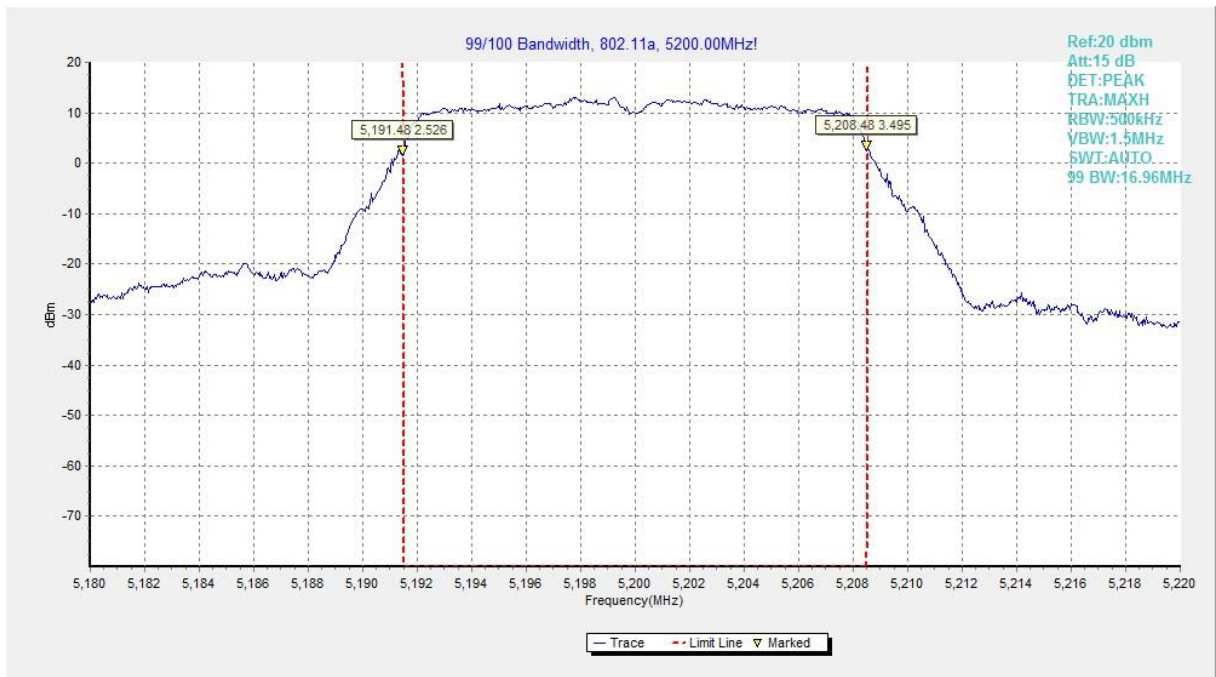


Fig.64 99% Occupied bandwidth (802.11a, 5200MHz)

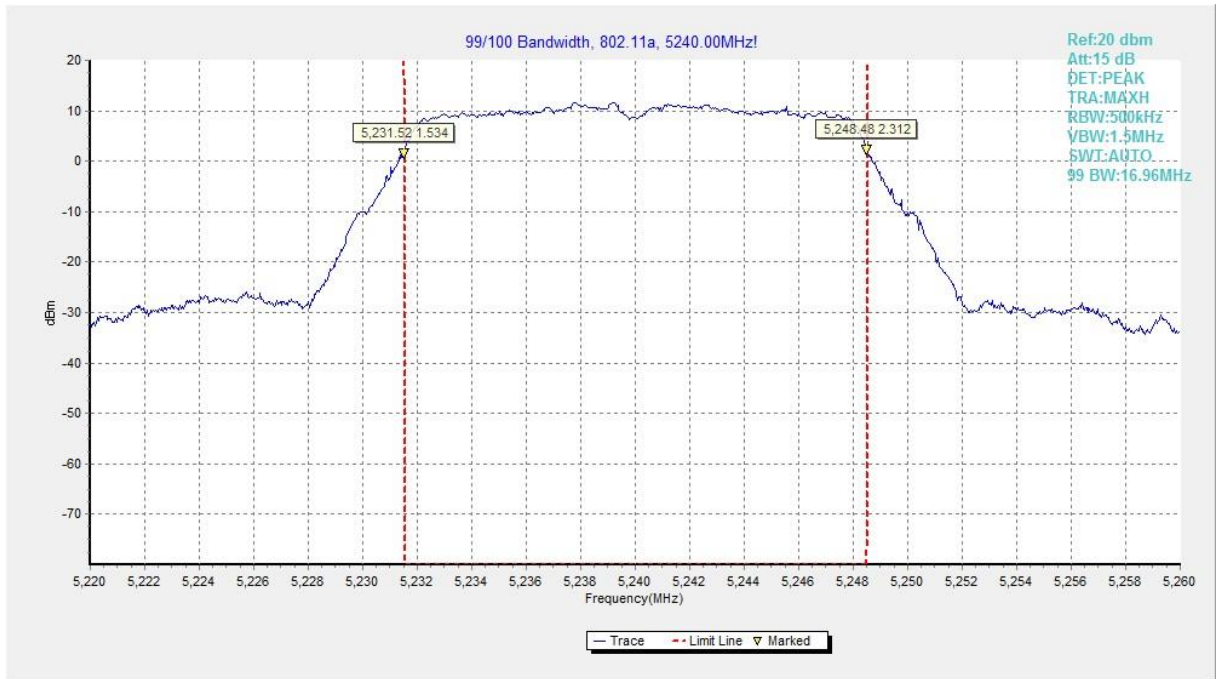


Fig.65 99% Occupied bandwidth (802.11a, 5240MHz)



Fig.66 99% Occupied bandwidth (802.11n-HT20, 5180MHz)



Fig.67 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

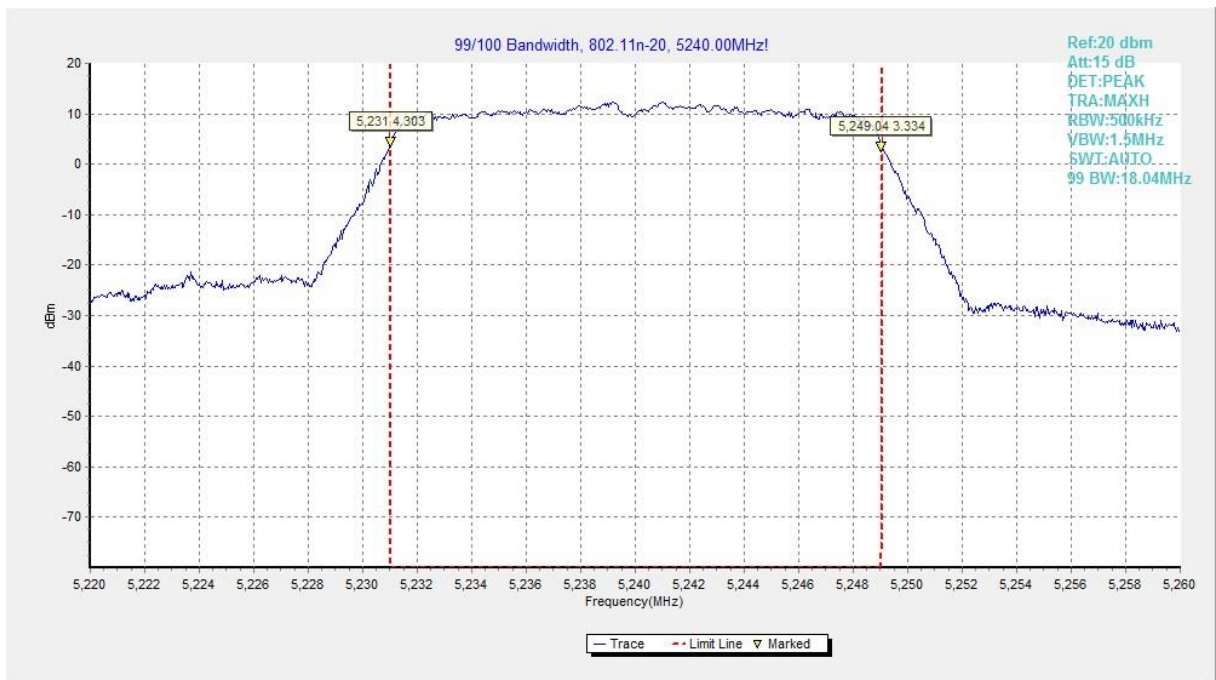


Fig.68 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

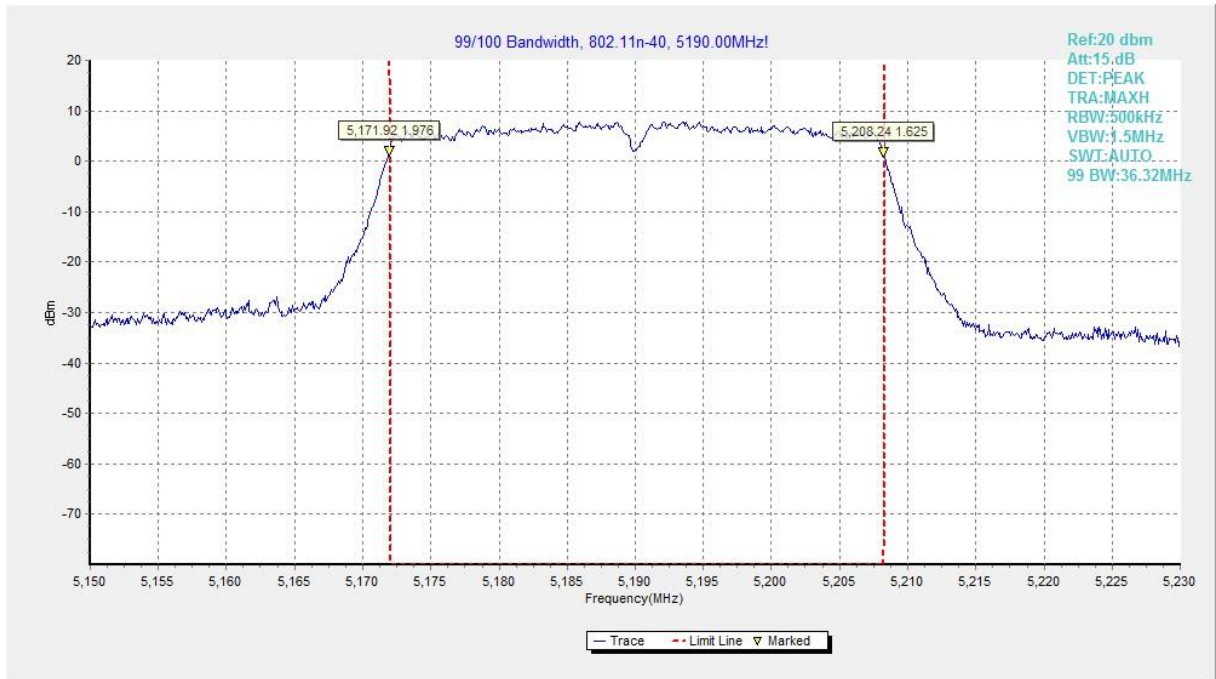


Fig.69 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

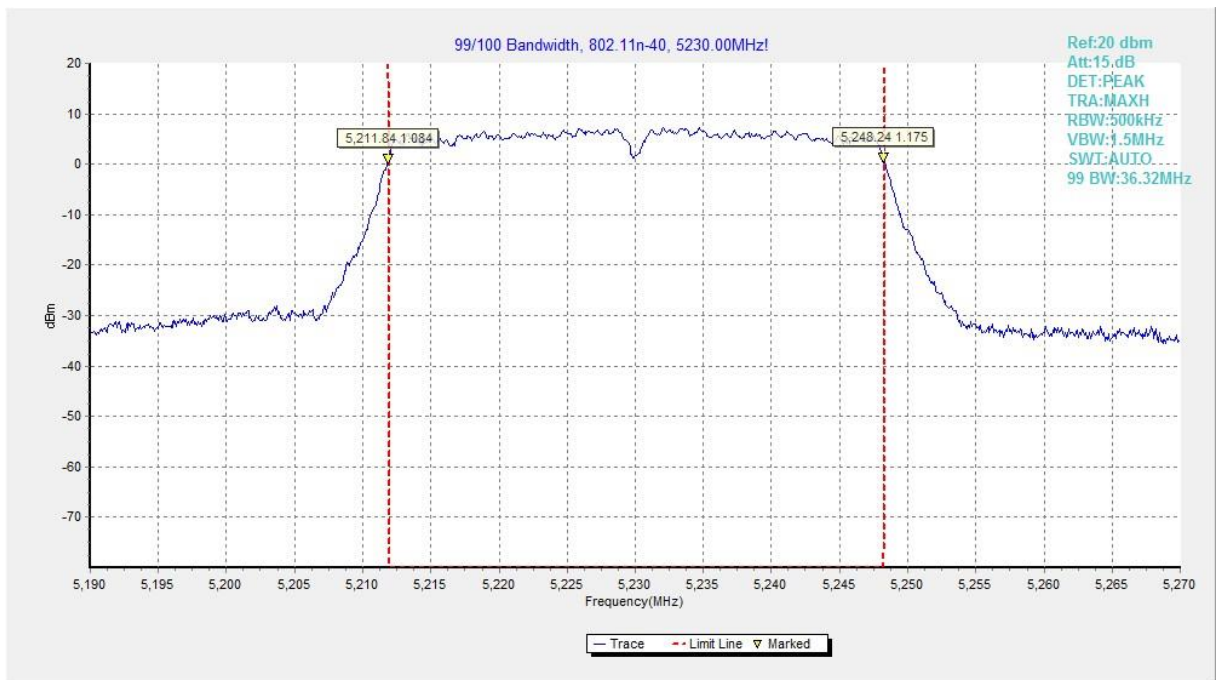


Fig.70 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

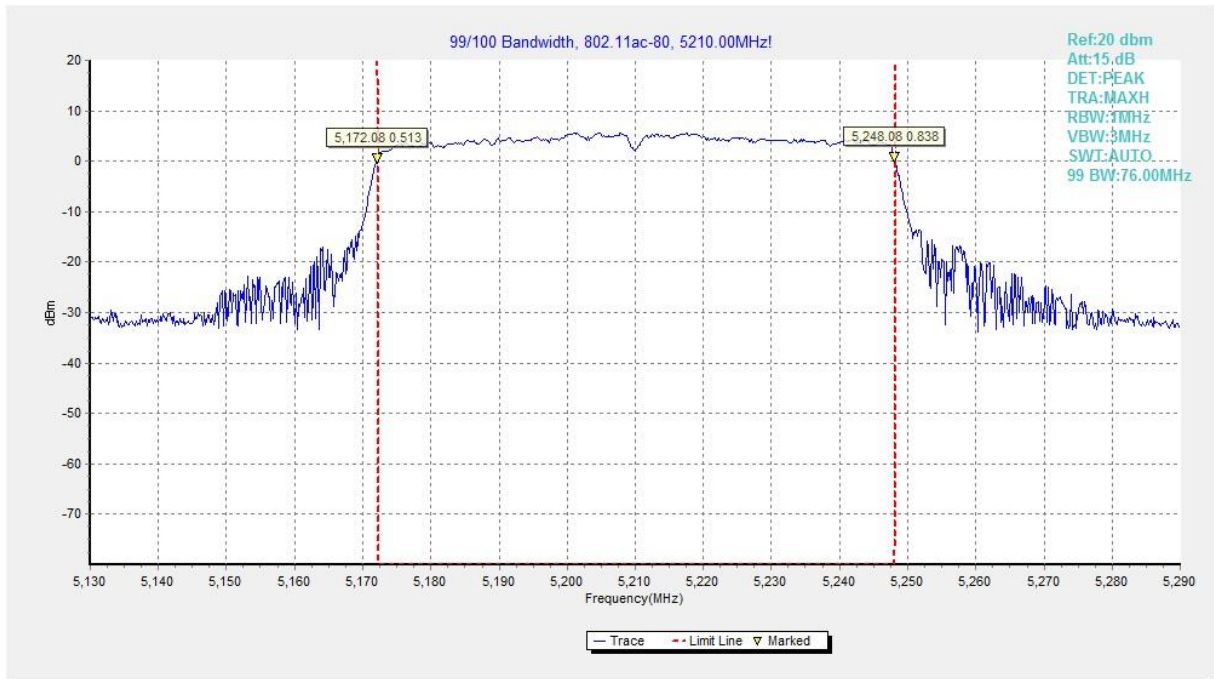


Fig.71 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

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

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Electromagnetic Compatibility & Telecommunications

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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 January 2009).*

2022-10-01 through 2023-09-30
Effective Dates




For the National Voluntary Laboratory Accreditation Program

*** END OF REPORT BODY ***