



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)
5148.000	42.63	-28.20	32.59	38.24	54.00	11.37	V
5149.000	42.70	-28.20	32.59	38.31	54.00	11.30	V
10952.438	36.27	-35.52	38.92	32.88	54.00	17.73	V
15540.125	37.92	-33.46	39.01	32.37	54.00	16.08	V
17729.812	41.74	-31.72	42.08	31.38	54.00	12.26	V
17832.250	42.11	-31.27	41.93	31.45	54.00	11.89	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)
5145.000	43.09	-28.21	32.59	38.71	54.00	10.91	H
5149.500	43.09	-28.19	32.59	38.69	54.00	10.91	H
10949.000	36.26	-35.52	38.91	32.88	54.00	17.74	H
15599.938	37.56	-33.43	39.02	31.97	54.00	16.44	V
17832.938	42.29	-31.27	41.93	31.63	54.00	11.71	V
17843.938	42.23	-31.22	41.92	31.53	54.00	11.77	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)
5144.000	42.05	-28.22	32.59	37.68	54.00	11.95	H
5150.000	42.05	-28.19	32.59	37.65	54.00	11.95	H
10951.750	36.26	-35.52	38.91	32.87	54.00	17.74	V
15720.250	38.28	-33.13	39.04	32.37	54.00	15.72	H
17834.312	42.17	-31.26	41.93	31.50	54.00	11.83	H
17870.750	42.22	-31.09	41.88	31.43	54.00	11.78	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)
5145.750	42.27	-28.21	32.59	37.89	54.00	11.73	H
5350.000	44.24	-27.86	32.71	39.40	54.00	9.76	H
11184.125	36.43	-34.75	39.07	32.10	54.00	17.57	H
15780.062	38.18	-33.03	39.06	32.15	54.00	15.82	H
17832.250	42.28	-31.27	41.93	31.62	54.00	11.72	H
17854.938	42.37	-31.16	41.90	31.63	54.00	11.63	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)
5350.000	45.73	-27.86	32.71	40.88	54.00	8.27	H
5355.500	45.52	-27.83	32.72	40.64	54.00	8.48	H
11232.250	36.49	-34.74	39.09	32.14	54.00	17.51	V
15839.875	38.21	-32.96	39.07	32.10	54.00	15.79	V
17843.250	42.24	-31.22	41.92	31.54	54.00	11.76	H
17863.188	42.26	-31.13	41.89	31.49	54.00	11.74	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)
5352.250	45.29	-27.85	32.71	40.43	54.00	8.71	H
5364.750	45.38	-27.79	32.72	40.44	54.00	8.62	H
10640.312	35.48	-35.00	38.36	32.12	54.00	18.52	V
15960.188	38.77	-32.97	39.09	32.64	54.00	15.23	H
17837.062	42.32	-31.25	41.93	31.64	54.00	11.68	V
17859.062	42.34	-31.15	41.90	31.58	54.00	11.66	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5454.700	44.03	-27.73	32.77	38.99	54.00	9.96	H
5456.750	44.07	-27.72	32.78	39.01	54.00	9.93	H
10999.875	35.48	-35.52	39.00	32.00	54.00	18.52	V
16177.438	38.39	-33.02	39.60	31.80	54.00	15.61	V
17856.062	42.05	-31.16	41.90	31.31	54.00	11.95	V
17856.312	42.17	-31.16	41.90	31.43	54.00	11.83	V

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5435.500	43.0	-27.7	32.8	37.92	54.0	11.0	H
5452.500	43.2	-27.7	32.8	38.21	54.0	10.8	H
11160.063	35.9	-34.8	39.1	31.61	54.0	18.1	V
15911.375	38.4	-32.9	39.1	32.26	54.0	15.6	H
17808.188	42.0	-31.4	42.0	31.40	54.0	12.0	V
17832.938	42.2	-31.3	41.9	31.53	54.0	11.8	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)
5402.000	42.98	-27.63	32.74	37.87	54.00	11.03	H
5409.250	42.98	-27.65	32.75	37.88	54.00	11.02	H
11396.562	36.08	-35.26	39.16	32.18	54.00	17.92	H
15886.625	38.32	-32.90	39.08	32.14	54.00	15.68	H
17754.562	42.12	-31.63	42.04	31.72	54.00	11.88	V
17841.875	42.22	-31.23	41.92	31.52	54.00	11.79	H

Channel 144

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5392.750	42.53	-27.64	32.74	37.43	54.00	11.47	H
5403.000	42.57	-27.64	32.74	37.47	54.00	11.43	H
11439.875	35.59	-35.19	39.18	31.61	54.00	18.41	V
15923.062	38.51	-32.92	39.08	32.34	54.00	15.49	V
17725.688	42.29	-31.72	42.08	31.94	54.00	11.71	H
17875.562	42.20	-31.07	41.87	31.39	54.00	11.80	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)
5148.250	42.79	-28.20	32.59	38.40	54.00	11.21	V
5149.250	42.73	-28.20	32.59	38.33	54.00	11.27	V
11221.250	36.44	-34.68	39.09	32.03	54.00	17.57	H
15540.125	37.98	-33.46	39.01	32.43	54.00	16.02	H
17835.688	42.12	-31.25	41.93	31.45	54.00	11.88	V
17850.812	42.36	-31.18	41.91	31.63	54.00	11.64	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)
5142.500	42.99	-28.23	32.59	38.63	54.00	11.01	H
5149.500	42.97	-28.19	32.59	38.57	54.00	11.03	H
10953.812	36.41	-35.52	38.92	33.01	54.00	17.59	V
15599.938	37.44	-33.43	39.02	31.85	54.00	16.56	V
17837.750	42.12	-31.24	41.92	31.44	54.00	11.88	V
17856.312	42.26	-31.16	41.90	31.52	54.00	11.74	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)
5143.500	41.98	-28.22	32.59	37.61	54.00	12.02	H
5148.750	41.92	-28.20	32.59	37.53	54.00	12.07	H
10933.875	35.99	-35.52	38.88	32.64	54.00	18.00	H
15720.250	37.99	-33.13	39.04	32.08	54.00	16.01	H
17834.312	42.16	-31.26	41.93	31.49	54.00	11.84	H
17854.938	42.27	-31.16	41.90	31.53	54.00	11.73	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)
5149.250	42.11	-28.20	32.59	37.72	54.00	11.89	H
5351.750	44.30	-27.85	32.71	39.44	54.00	9.70	H
11224.000	36.61	-34.69	39.09	32.20	54.00	17.39	H
15780.062	38.25	-33.03	39.06	32.22	54.00	15.75	H
17835.688	42.25	-31.25	41.93	31.58	54.00	11.75	V
17848.062	42.55	-31.20	41.91	31.84	54.00	11.45	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)
5349.000	45.92	-27.87	32.71	41.08	54.00	8.08	H
5357.750	45.37	-27.82	32.72	40.48	54.00	8.63	H
11220.562	36.57	-34.68	39.09	32.17	54.00	17.43	V
15839.875	38.08	-32.96	39.07	31.97	54.00	15.92	H
17841.875	42.44	-31.23	41.92	31.75	54.00	11.56	V
17855.625	42.29	-31.16	41.90	31.55	54.00	11.71	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)
5374.750	45.27	-27.73	32.73	40.27	54.00	8.73	H
5376.500	45.28	-27.72	32.73	40.28	54.00	8.72	H
10640.312	35.53	-35.00	38.36	32.17	54.00	18.47	H
15960.188	38.80	-32.97	39.09	32.67	54.00	15.20	V
17834.312	42.25	-31.26	41.93	31.58	54.00	11.75	V
17847.375	42.28	-31.20	41.91	31.57	54.00	11.72	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)
5458.500	44.13	-27.71	32.78	39.06	54.00	9.87	H
5459.750	44.19	-27.70	32.78	39.11	54.00	9.81	H
10999.875	35.20	-35.52	39.00	31.72	54.00	18.80	H
16086.688	38.35	-33.07	39.35	32.07	54.00	15.65	V
17835.000	42.07	-31.26	41.93	31.40	54.00	11.93	V
17968.375	42.13	-31.27	41.74	31.66	54.00	11.87	V

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5434.000	43.0	-27.7	32.8	37.93	54.0	11.0	H
5453.000	43.2	-27.7	32.8	38.15	54.0	10.8	H
11160.625	35.6	-34.8	39.1	31.30	54.0	18.4	V
15912.063	38.4	-32.9	39.1	32.20	54.0	15.6	H
17727.750	42.2	-31.7	42.1	31.80	54.0	11.8	V
17851.500	42.3	-31.2	41.9	31.56	54.0	11.7	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)
5398.500	42.97	-27.63	32.74	37.86	54.00	11.03	H
5408.750	42.99	-27.65	32.75	37.89	54.00	11.01	H
11400.000	35.71	-35.25	39.16	31.80	54.00	18.29	H
16462.312	38.43	-32.79	40.40	30.83	54.00	15.57	H
17735.312	42.20	-31.72	42.07	31.85	54.00	11.80	H
17841.188	42.18	-31.23	41.92	31.48	54.00	11.82	H

Channel 144

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5402.750	42.54	-27.64	32.74	37.43	54.00	11.46	V
5416.250	42.59	-27.67	32.75	37.51	54.00	11.41	V
11439.875	35.29	-35.19	39.18	31.31	54.00	18.71	V
16052.312	38.34	-33.09	39.25	32.18	54.00	15.66	V
17828.812	42.34	-31.29	41.94	31.69	54.00	11.66	V
17890.000	42.28	-31.00	41.85	31.43	54.00	11.72	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)
5149.500	48.05	-28.19	32.59	43.65	54.00	5.95	V
5150.000	48.05	-28.19	32.59	43.65	54.00	5.95	V
10931.125	36.08	-35.53	38.88	32.73	54.00	17.92	V
15569.688	37.66	-33.47	39.01	32.12	54.00	16.34	V
17835.000	42.29	-31.26	41.93	31.62	54.00	11.71	H
17852.875	42.34	-31.17	41.90	31.61	54.00	11.66	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)
5147.500	42.41	-28.20	32.59	38.03	54.00	11.59	H
5149.750	42.48	-28.19	32.59	38.08	54.00	11.52	H
10936.625	36.26	-35.52	38.89	32.90	54.00	17.74	H
15690.000	38.39	-33.21	39.04	32.56	54.00	15.61	V
17829.500	42.24	-31.28	41.94	31.59	54.00	11.76	V
17841.188	42.34	-31.23	41.92	31.65	54.00	11.66	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5150.000	42.09	-28.19	32.59	37.69	54.00	11.90	H
5351.500	46.09	-27.86	32.71	41.23	54.00	7.91	H
11222.625	36.77	-34.68	39.09	32.36	54.00	17.23	V
15810.312	38.15	-32.99	39.06	32.08	54.00	15.85	V
17841.875	42.46	-31.23	41.92	31.77	54.00	11.54	V
17852.875	42.44	-31.17	41.90	31.71	54.00	11.56	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)
5350.250	49.66	-27.86	32.71	44.80	54.00	4.34	H
5351.250	49.77	-27.86	32.71	44.91	54.00	4.23	H
10619.688	35.64	-35.00	38.32	32.33	54.00	18.36	V
15929.938	38.58	-32.93	39.09	32.42	54.00	15.42	H
17836.375	42.27	-31.25	41.93	31.60	54.00	11.73	V
17876.938	42.41	-31.06	41.87	31.60	54.00	11.59	V

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)
5459.750	45.95	-27.70	32.78	40.88	54.00	8.05	H
5460.000	46.03	-27.70	32.78	40.95	54.00	7.97	H
11019.812	35.57	-35.41	39.01	31.98	54.00	18.43	V
16174.688	38.52	-33.02	39.59	31.95	54.00	15.48	V
17727.062	42.27	-31.72	42.08	31.91	54.00	11.73	H
17835.000	42.26	-31.26	41.93	31.59	54.00	11.74	V

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5411.500	43.01	-27.66	32.75	37.92	54.00	10.99	H
5452.250	42.98	-27.74	32.77	37.95	54.00	11.02	H
11180.000	35.86	-34.75	39.07	31.54	54.00	18.14	V
15909.312	38.43	-32.90	39.08	32.24	54.00	15.57	H
17720.188	42.29	-31.73	42.09	31.93	54.00	11.71	H
17848.062	42.29	-31.20	41.91	31.57	54.00	11.71	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)
5401.250	43.02	-27.63	32.74	37.91	54.00	10.98	H
5411.750	43.02	-27.66	32.75	37.93	54.00	10.98	H
11340.188	35.52	-35.34	39.14	31.72	54.00	18.48	H
15896.250	38.32	-32.89	39.08	32.12	54.00	15.68	H
17742.875	42.21	-31.69	42.06	31.84	54.00	11.79	V
17847.375	42.27	-31.20	41.91	31.56	54.00	11.73	H

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5395.250	42.58	-27.62	32.74	37.46	54.00	11.42	V
5408.500	42.55	-27.65	32.75	37.45	54.00	11.45	V
11419.938	35.68	-35.22	39.17	31.73	54.00	18.32	H
15907.938	38.30	-32.90	39.08	32.12	54.00	15.70	V
17751.125	42.18	-31.65	42.05	31.79	54.00	11.82	V
17861.812	42.20	-31.13	41.89	31.45	54.00	11.79	V

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.000	47.06	-28.20	32.59	42.66	54.00	6.94	V
5150.000	47.33	-28.19	32.59	42.92	54.00	6.67	V
10925.625	36.08	-35.53	38.87	32.73	54.00	17.92	V
15569.688	37.70	-33.47	39.01	32.16	54.00	16.30	V
17823.312	42.08	-31.31	41.95	31.45	54.00	11.92	H
17852.875	42.24	-31.17	41.90	31.51	54.00	11.76	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)
5148.250	42.42	-28.20	32.59	38.03	54.00	11.58	H
5150.000	42.45	-28.19	32.59	38.05	54.00	11.55	H
10943.500	36.07	-35.52	38.90	32.69	54.00	17.93	V
15690.000	38.39	-33.21	39.04	32.56	54.00	15.61	V
17841.875	42.31	-31.23	41.92	31.61	54.00	11.69	V
17869.375	42.30	-31.10	41.88	31.51	54.00	11.70	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)
5150.000	42.25	-28.19	32.59	37.85	54.00	11.75	H
5350.750	46.21	-27.86	32.71	41.35	54.00	7.79	H
10949.688	36.43	-35.52	38.91	33.05	54.00	17.57	V
15810.312	38.01	-32.99	39.06	31.94	54.00	15.99	V
17835.000	42.27	-31.26	41.93	31.60	54.00	11.73	H
17853.562	42.52	-31.17	41.90	31.79	54.00	11.48	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)
5350.750	47.37	-27.86	32.71	42.52	54.00	6.63	H
5351.250	47.23	-27.86	32.71	42.37	54.00	6.77	H
10619.688	35.58	-35.00	38.32	32.26	54.00	18.42	V
15929.938	38.81	-32.93	39.09	32.65	54.00	15.19	V
17835.000	42.33	-31.26	41.93	31.65	54.00	11.67	V
17859.750	42.44	-31.14	41.89	31.69	54.00	11.56	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)
5459.750	45.53	-27.70	32.78	40.45	54.00	8.47	H
5460.000	45.82	-27.70	32.78	40.74	54.00	8.18	H
11019.812	35.09	-35.41	39.01	31.49	54.00	18.91	H
16171.938	38.41	-33.02	39.59	31.85	54.00	15.59	H
17754.562	42.30	-31.63	42.04	31.89	54.00	11.70	V
17861.812	42.23	-31.13	41.89	31.48	54.00	11.77	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)
5406.500	42.94	-27.65	32.75	37.84	54.00	11.06	H
5452.500	43.16	-27.74	32.77	38.13	54.00	10.84	H
11180.000	35.96	-34.75	39.07	31.64	54.00	18.04	V
15897.625	38.38	-32.88	39.08	32.18	54.00	15.62	V
17839.125	42.23	-31.24	41.92	31.54	54.00	11.77	V
17971.125	42.34	-31.29	41.74	31.89	54.00	11.66	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)
5376.250	42.99	-27.72	32.73	37.99	54.00	11.01	H
5408.000	43.06	-27.65	32.75	37.96	54.00	10.94	H
11340.188	35.53	-35.34	39.14	31.74	54.00	18.47	H
16077.062	38.44	-33.08	39.32	32.20	54.00	15.56	H
17830.188	42.32	-31.28	41.94	31.66	54.00	11.68	V
17905.812	42.35	-30.93	41.83	31.45	54.00	11.65	V

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5391.750	42.54	-27.64	32.74	37.44	54.00	11.46	V
5404.000	42.55	-27.64	32.74	37.44	54.00	11.45	V
11419.938	35.48	-35.22	39.17	31.53	54.00	18.52	V
16169.188	38.51	-33.02	39.58	31.96	54.00	15.49	V
17848.062	42.10	-31.20	41.91	31.39	54.00	11.90	V
17950.500	42.33	-31.14	41.77	31.70	54.00	11.67	H

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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)
5149.000	47.5	-28.2	32.6	43.10	54.0	6.5	H
5149.750	47.4	-28.2	32.6	43.04	54.0	6.6	H
10932.500	35.7	-35.5	38.9	32.32	54.0	18.3	H
15630.188	37.1	-33.4	39.0	31.39	54.0	16.9	H
17833.625	42.2	-31.3	41.9	31.56	54.0	11.8	H
17916.813	42.1	-30.9	41.8	31.20	54.0	11.9	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)
5350.250	46.6	-27.9	32.7	41.75	54.0	7.4	H
5357.000	46.4	-27.8	32.7	41.52	54.0	7.6	H
10936.625	35.6	-35.5	38.9	32.27	54.0	18.4	V
15870.125	38.1	-32.9	39.1	31.98	54.0	15.9	V
17840.500	42.1	-31.2	41.9	31.43	54.0	11.9	H
17982.125	42.1	-31.4	41.7	31.78	54.0	11.9	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)
5459.500	46.9	-27.7	32.8	41.84	54.0	7.1	H
5460.000	46.9	-27.7	32.8	41.82	54.0	7.1	H
11059.688	35.4	-35.2	39.0	31.51	54.0	18.6	H
15912.063	38.4	-32.9	39.1	32.19	54.0	15.6	V
17740.813	42.1	-31.7	42.1	31.75	54.0	11.9	V
17838.438	42.0	-31.2	41.9	31.33	54.0	12.0	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)
5395.500	42.5	-27.6	32.7	37.39	54.0	11.5	H
5407.250	42.6	-27.6	32.7	37.48	54.0	11.4	H
11219.875	35.9	-34.7	39.1	31.46	54.0	18.1	V
15902.438	38.3	-32.9	39.1	32.11	54.0	15.7	H
17732.563	42.2	-31.7	42.1	31.84	54.0	11.8	V
17832.938	42.1	-31.3	41.9	31.46	54.0	11.9	V

Channel 138

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5397.500	42.5	-27.6	32.7	37.38	54.0	11.5	H
5409.500	42.6	-27.7	32.7	37.48	54.0	11.4	H
11380.063	35.3	-35.3	39.2	31.47	54.0	18.7	H
16107.313	38.3	-33.1	39.4	31.97	54.0	15.7	V
17747.688	42.3	-31.7	42.1	31.91	54.0	11.7	H
17834.313	42.4	-31.3	41.9	31.73	54.0	11.6	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)
5142.406	57.65	-28.23	32.59	53.29	74.00	16.35	V
5144.068	56.91	-28.22	32.59	52.54	74.00	17.09	V
10359.950	46.02	-35.82	38.02	43.82	68.30	22.28	V
15539.850	50.05	-33.46	39.01	44.50	74.00	23.95	V
17458.250	55.42	-31.77	42.30	44.89	68.30	12.88	V
17623.250	56.16	-31.81	42.23	45.74	68.30	12.14	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)
5157.500	57.29	-28.16	32.60	52.85	68.30	11.01	V
5232.500	57.59	-28.17	32.64	53.12	68.30	10.71	H
10400.100	46.20	-35.77	38.04	43.92	68.30	22.10	V
15599.800	48.87	-33.43	39.02	43.28	74.00	25.13	H
17403.250	55.35	-31.72	42.17	44.90	68.30	12.95	V
17626.000	55.93	-31.81	42.22	45.51	68.30	12.37	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)
5193.500	56.66	-28.06	32.62	52.10	68.30	11.64	H
5288.000	57.82	-27.84	32.68	52.99	68.30	10.48	H
10479.850	46.64	-35.61	38.09	44.17	68.30	21.66	V
15720.250	50.60	-33.13	39.04	44.68	74.00	23.40	V
17468.700	55.13	-31.78	42.33	44.59	68.30	13.17	V
17597.950	55.45	-31.83	42.26	45.02	68.30	12.85	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)
5235.500	58.61	-28.18	32.64	54.15	68.30	9.69	H
5294.000	59.88	-27.84	32.68	55.04	68.30	8.42	H
10520.000	47.32	-35.35	38.14	44.53	68.30	20.98	V
15780.200	49.74	-33.03	39.06	43.72	74.00	24.26	V
17087.550	55.17	-32.20	41.41	45.96	68.30	13.13	H
17202.500	55.00	-31.84	41.69	45.15	68.30	13.30	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)
5318.000	60.00	-27.87	32.69	55.18	68.30	8.30	H
5334.500	60.09	-27.89	32.70	55.28	68.30	8.21	V
10560.150	47.65	-35.09	38.21	44.53	68.30	20.65	V
15840.150	50.10	-32.96	39.07	43.99	74.00	23.90	V
16963.800	54.81	-32.27	41.15	45.93	68.30	13.49	V
17398.850	56.06	-31.72	42.16	45.62	68.30	12.24	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)
5351.392	58.82	-27.86	32.71	53.96	74.00	15.18	H
5363.019	59.74	-27.79	32.72	54.81	74.00	14.26	H
10639.900	46.59	-35.00	38.36	43.24	68.30	21.70	V
15960.050	50.62	-32.97	39.09	44.50	74.00	23.38	V
17409.300	54.81	-31.73	42.18	44.35	68.30	13.49	V
17530.300	55.80	-31.84	42.36	45.28	68.30	12.50	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5434.038	57.33	-27.72	32.76	52.28	74.00	16.68	H
5450.725	57.50	-27.75	32.77	52.48	74.00	16.50	V
11000.150	48.02	-35.52	39.00	44.54	74.00	25.98	V
16500.150	51.40	-32.78	40.50	43.67	68.30	16.90	V
17481.900	54.54	-31.79	42.36	43.97	68.30	13.76	V
17520.400	54.92	-31.83	42.37	44.38	68.30	13.38	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5526.000	59.7	-27.3	32.8	54.16	68.3	8.6	V
5606.000	58.2	-27.5	33.0	52.76	68.3	10.1	H
11160.200	47.9	-34.8	39.1	43.59	74.0	26.1	H
16739.950	51.2	-32.5	40.8	42.82	68.3	17.1	V
17346.050	54.6	-31.7	42.0	44.28	68.3	13.7	H
17586.400	54.9	-31.8	42.3	44.49	68.3	13.4	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)
5737.484	59.50	-27.43	33.14	53.79	68.30	8.80	H
5741.078	59.82	-27.44	33.15	54.11	68.30	8.48	V
11400.000	48.31	-35.25	39.16	44.40	74.00	25.69	V
17100.200	52.52	-32.16	41.44	43.24	68.30	15.78	H
17455.500	54.78	-31.77	42.29	44.25	68.30	13.52	V
17616.100	55.04	-31.82	42.24	44.62	68.30	13.26	V

Channel 144

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5682.500	58.74	-27.54	33.06	53.22	68.30	9.56	H
5743.500	59.17	-27.44	33.15	53.45	68.30	9.13	H
11440.150	47.08	-35.19	39.18	43.09	74.00	26.92	V
17160.150	52.67	-31.97	41.59	43.05	68.30	15.63	H
17429.100	54.84	-31.75	42.23	44.35	68.30	13.46	H
17619.400	54.85	-31.82	42.23	44.44	68.30	13.45	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)
5146.147	56.58	-28.21	32.59	52.19	74.00	17.43	H
5149.909	56.88	-28.19	32.59	52.48	74.00	17.12	H
10359.950	46.31	-35.82	38.02	44.12	68.30	21.98	H
15539.850	49.88	-33.46	39.01	44.33	74.00	24.12	H
17206.900	55.13	-31.82	41.70	45.25	68.30	13.17	H
17611.150	55.29	-31.82	42.24	44.87	68.30	13.01	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)
5151.500	56.06	-28.18	32.59	51.65	68.30	12.24	H
5233.500	57.41	-28.18	32.64	52.95	68.30	10.89	H
10400.100	46.71	-35.77	38.04	44.43	68.30	21.59	H
15599.800	49.29	-33.43	39.02	43.70	74.00	24.71	H
17412.050	55.45	-31.73	42.19	44.99	68.30	12.85	V
17621.600	56.35	-31.81	42.23	45.94	68.30	11.95	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)
5206.000	57.17	-28.09	32.63	52.64	68.30	11.13	V
5277.000	58.13	-27.92	32.67	53.38	68.30	10.17	V
10479.850	46.81	-35.61	38.09	44.34	68.30	21.49	V
15720.250	49.84	-33.13	39.04	43.92	74.00	24.16	H
17324.050	55.13	-31.74	41.98	44.89	68.30	13.17	H
17618.850	55.44	-31.82	42.23	45.03	68.30	12.86	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)
5226.500	57.28	-28.16	32.64	52.79	68.30	11.02	H
5314.000	59.21	-27.86	32.69	54.39	68.30	9.09	V
10520.000	46.89	-35.35	38.14	44.10	68.30	21.41	H
15780.200	49.91	-33.03	39.06	43.88	74.00	24.09	H
17359.250	55.49	-31.72	42.07	45.14	68.30	12.81	V
17632.050	55.94	-31.80	42.21	45.54	68.30	12.36	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)
5251.000	57.28	-28.10	32.65	52.72	68.30	11.02	H
5309.000	59.81	-27.86	32.69	54.98	68.30	8.49	V
10560.150	48.04	-35.09	38.21	44.92	68.30	20.26	V
15840.150	50.62	-32.96	39.07	44.51	74.00	23.38	V
17181.050	55.20	-31.90	41.64	45.46	68.30	13.11	V
17483.000	55.58	-31.79	42.36	45.02	68.30	12.72	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)
5364.960	59.01	-27.78	32.72	54.07	74.00	14.99	H
5369.618	59.36	-27.76	32.72	54.40	74.00	14.64	H
10639.900	48.33	-35.00	38.36	44.97	74.00	25.68	V
15960.050	50.01	-32.97	39.09	43.88	74.00	23.99	H
17118.350	55.46	-32.10	41.49	46.07	68.30	12.84	V
17572.650	55.22	-31.86	42.30	44.77	68.30	13.08	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5435.688	57.72	-27.72	32.76	52.68	74.00	16.28	H
5459.819	57.78	-27.70	32.78	52.70	74.00	16.22	H
11000.150	46.78	-35.52	39.00	43.30	74.00	27.22	H
16500.150	51.85	-32.78	40.50	44.12	68.30	16.45	H
17506.100	55.12	-31.82	42.39	44.55	68.30	13.18	H
17615.000	55.16	-31.82	42.24	44.75	68.30	13.14	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5543.500	58.8	-27.2	32.9	53.19	68.3	9.5	V
5606.000	58.4	-27.5	33.0	53.00	68.3	9.9	H
11160.200	46.6	-34.8	39.1	42.34	74.0	27.4	V
16739.950	51.0	-32.5	40.8	42.62	68.3	17.3	H
17559.450	55.2	-31.9	42.3	44.77	68.3	13.1	H
17695.850	54.9	-31.8	42.1	44.55	68.3	13.4	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)
5733.344	59.13	-27.43	33.13	53.43	68.30	9.17	H
5746.516	59.11	-27.44	33.15	53.39	68.30	9.19	H
11400.000	47.64	-35.25	39.16	43.73	74.00	26.36	V
17100.200	52.71	-32.16	41.44	43.43	68.30	15.59	H
17495.650	54.70	-31.81	42.39	44.11	68.30	13.60	V
17640.300	54.61	-31.80	42.20	44.21	68.30	13.69	H

Channel 144

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5693.500	58.96	-27.52	33.08	53.40	68.30	9.34	H
5755.500	58.97	-27.44	33.17	53.25	68.30	9.33	H
11440.150	47.55	-35.19	39.18	43.56	74.00	26.45	H
17160.150	52.23	-31.97	41.59	42.61	68.30	16.07	H
17532.500	55.08	-31.84	42.35	44.56	68.30	13.22	H
17594.100	55.12	-31.84	42.27	44.69	68.30	13.18	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)
5140.941	56.29	-28.23	32.59	51.93	74.00	17.71	H
5143.347	55.76	-28.22	32.59	51.40	74.00	18.24	V
10359.950	46.48	-35.82	38.02	44.28	68.30	21.82	H
15539.850	49.51	-33.46	39.01	43.96	74.00	24.50	H
17215.150	55.33	-31.80	41.72	45.40	68.30	12.97	H
17613.350	56.00	-31.82	42.24	45.58	68.30	12.30	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)
5159.500	57.19	-28.15	32.60	52.74	68.30	11.11	V
5227.500	57.74	-28.16	32.64	53.25	68.30	10.56	H
10400.100	46.01	-35.77	38.04	43.73	68.30	22.30	V
15599.800	49.08	-33.43	39.02	43.50	74.00	24.92	V
17215.150	55.11	-31.80	41.72	45.19	68.30	13.19	V
17602.900	54.96	-31.83	42.25	44.54	68.30	13.34	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)
5182.500	56.03	-28.05	32.61	51.47	68.30	12.27	H
5311.000	58.32	-27.86	32.69	53.49	68.30	9.98	H
10479.850	47.06	-35.61	38.09	44.59	68.30	21.24	H
15720.250	50.02	-33.13	39.04	44.11	74.00	23.98	V
17470.350	55.54	-31.78	42.33	44.99	68.30	12.76	V
17607.850	55.50	-31.83	42.25	45.08	68.30	12.80	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)
5230.000	57.83	-28.17	32.64	53.36	68.30	10.47	H
5297.500	59.99	-27.84	32.68	55.15	68.30	8.31	V
10520.000	47.70	-35.35	38.14	44.92	68.30	20.60	V
15780.200	50.36	-33.03	39.06	44.33	74.00	23.64	H
17232.750	55.02	-31.79	41.76	45.05	68.30	13.28	H
17610.050	55.87	-31.82	42.24	45.44	68.30	12.44	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)
5251.000	58.05	-28.10	32.65	53.49	68.30	10.25	H
5325.500	60.25	-27.88	32.70	55.43	68.30	8.05	V
10560.150	48.92	-35.09	38.21	45.80	68.30	19.38	H
15840.150	49.80	-32.96	39.07	43.69	74.00	24.20	H
17412.600	55.65	-31.73	42.19	45.19	68.30	12.65	V
17616.100	55.59	-31.82	42.24	45.18	68.30	12.71	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)
5366.816	59.63	-27.77	32.72	54.68	74.00	14.37	H
5375.693	59.63	-27.73	32.73	54.63	74.00	14.37	H
10639.900	47.18	-35.00	38.36	43.82	74.00	26.82	V
15960.050	51.54	-32.97	39.09	45.41	74.00	22.46	V
17313.600	55.35	-31.75	41.96	45.14	68.30	12.95	V
17608.950	55.64	-31.82	42.25	45.22	68.30	12.66	V

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5442.325	57.70	-27.74	32.77	52.67	74.00	16.30	V
5459.369	58.18	-27.70	32.78	53.10	74.00	15.82	V
11000.150	46.39	-35.52	39.00	42.91	74.00	27.61	H
16500.150	50.91	-32.78	40.50	43.19	68.30	17.39	V
17457.700	54.55	-31.77	42.30	44.02	68.30	13.75	V
17608.950	54.40	-31.82	42.25	43.98	68.30	13.90	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5555.500	58.9	-27.2	32.9	53.20	68.3	9.4	H
5624.500	58.1	-27.6	33.0	52.67	68.3	10.2	H
11160.200	47.3	-34.8	39.1	43.03	74.0	26.7	V
16739.950	51.1	-32.5	40.8	42.69	68.3	17.2	H
17090.300	54.8	-32.2	41.4	45.59	68.3	13.5	V
17589.700	55.0	-31.8	42.3	44.52	68.3	13.3	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)
5726.312	60.97	-27.44	33.12	55.28	68.30	7.33	H
5428.469	59.34	-27.70	32.76	54.28	68.30	8.96	H
11400.000	46.96	-35.25	39.16	43.05	74.00	27.04	V
17100.200	52.68	-32.16	41.44	43.40	68.30	15.62	V
17380.700	55.55	-31.71	42.12	45.14	68.30	12.76	H
17387.850	55.05	-31.71	42.13	44.62	68.30	13.25	V

Channel 144

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5683.500	57.84	-27.54	33.06	52.32	68.30	10.46	H
5747.000	58.73	-27.44	33.15	53.02	68.30	9.57	V
11440.150	47.59	-35.19	39.18	43.61	74.00	26.41	H
17160.150	52.01	-31.97	41.59	42.39	68.30	16.29	V
17558.900	54.86	-31.86	42.32	44.41	68.30	13.44	H
17611.700	54.80	-31.82	42.24	44.38	68.30	13.50	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)
5147.000	62.79	-28.21	32.59	58.40	74.00	11.21	V
5147.941	63.58	-28.20	32.59	59.19	74.00	10.42	V
10379.750	47.04	-35.79	38.03	44.80	68.30	21.26	V
15570.100	49.26	-33.47	39.01	43.71	74.00	24.74	H
17489.050	55.81	-31.80	42.37	45.24	68.30	12.49	V
17604.550	55.56	-31.83	42.25	45.14	68.30	12.74	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)
5175.500	56.39	-28.08	32.61	51.86	68.30	11.91	H
5299.000	59.80	-27.84	32.68	54.96	68.30	8.50	V
10460.050	46.26	-35.70	38.08	43.89	68.30	22.04	H
15690.000	50.56	-33.21	39.04	44.72	74.00	23.44	H
17073.800	54.89	-32.24	41.38	45.76	68.30	13.41	V
17599.600	55.25	-31.83	42.26	44.82	68.30	13.05	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)
5221.000	59.81	-28.14	32.64	55.32	68.30	8.49	V
5310.500	61.70	-27.86	32.69	56.87	68.30	6.60	H
10539.800	47.56	-35.22	38.17	44.61	68.30	20.74	H
15809.900	51.43	-32.99	39.06	45.36	74.00	22.57	V
17293.800	54.69	-31.76	41.91	44.54	68.30	13.61	H
17358.150	55.08	-31.72	42.06	44.74	68.30	13.22	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)
5354.835	63.34	-27.84	32.72	58.47	74.00	10.66	H
5362.479	68.86	-27.80	32.72	63.94	74.00	5.14	H
10620.100	47.17	-35.00	38.32	43.86	74.00	26.83	H
15929.800	49.78	-32.93	39.09	43.62	74.00	24.22	H
17569.350	55.76	-31.86	42.30	45.32	68.30	12.54	V
17623.250	55.90	-31.81	42.23	45.48	68.30	12.40	V

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)
5459.519	60.25	-27.70	32.78	55.17	74.00	13.75	V
5459.856	60.62	-27.70	32.78	55.55	74.00	13.38	V
11019.950	47.31	-35.41	39.01	43.71	74.00	26.69	H
16529.850	50.77	-32.77	40.54	43.00	68.30	17.52	H
17277.300	54.77	-31.76	41.87	44.66	68.30	13.53	V
17607.850	54.76	-31.83	42.25	44.33	68.30	13.54	V

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5539.500	59.26	-27.27	32.86	53.67	68.30	9.04	V
5620.000	58.80	-27.57	32.97	53.39	68.30	9.50	H
11180.000	47.75	-34.75	39.07	43.43	74.00	26.25	V
16770.200	50.81	-32.40	40.88	42.33	68.30	17.49	H
17495.100	54.60	-31.81	42.39	44.02	68.30	13.70	V
17617.750	55.31	-31.82	42.23	44.89	68.30	12.99	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)
5725.781	59.20	-27.44	33.12	53.52	68.30	9.10	V
5740.844	59.53	-27.43	33.14	53.82	68.30	8.77	V
11340.050	47.11	-35.34	39.14	43.32	74.00	26.89	H
17010.000	51.04	-32.31	41.22	42.13	68.30	17.26	V
17495.650	54.91	-31.81	42.39	44.33	68.30	13.39	H
17579.800	54.79	-31.85	42.29	44.35	68.30	13.51	H

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5676.000	60.16	-27.56	33.05	54.67	68.30	8.14	V
5741.000	60.42	-27.43	33.15	54.71	68.30	7.88	H
11419.800	47.19	-35.22	39.17	43.25	74.00	26.81	V
17129.900	52.73	-32.07	41.52	43.28	68.30	15.57	V
17474.200	54.88	-31.79	42.34	44.33	68.30	13.42	V
17601.250	55.41	-31.83	42.26	44.98	68.30	12.89	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)
5148.006	60.87	-28.20	32.59	56.48	74.00	13.13	H
5149.384	60.70	-28.19	32.59	56.30	74.00	13.30	V
10379.750	46.13	-35.79	38.03	43.89	68.30	22.17	V
15570.100	49.48	-33.47	39.01	43.93	74.00	24.52	V
17185.450	54.91	-31.89	41.65	45.16	68.30	13.38	V
17604.000	55.17	-31.83	42.25	44.74	68.30	13.13	V

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)
5180.000	56.24	-28.06	32.61	51.69	68.30	12.06	H
5302.000	58.68	-27.85	32.68	53.84	68.30	9.62	V
10460.050	46.17	-35.70	38.08	43.80	68.30	22.13	H
15690.000	49.49	-33.21	39.04	43.66	74.00	24.51	V
17219.000	55.18	-31.79	41.73	45.24	68.30	13.12	V
17488.500	55.11	-31.80	42.37	44.54	68.30	13.19	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)
5224.000	59.24	-28.15	32.64	54.75	68.30	9.06	V
5303.500	61.59	-27.85	32.69	56.75	68.30	6.71	H
10539.800	47.27	-35.22	38.17	44.32	68.30	21.03	H
15809.900	50.56	-32.99	39.06	44.49	74.00	23.44	H
16576.050	54.78	-32.71	40.61	46.89	68.30	13.52	H
17419.750	55.76	-31.74	42.21	45.29	68.30	12.54	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)
5354.160	62.41	-27.84	32.72	57.54	74.00	11.59	H
5354.835	62.19	-27.84	32.72	57.31	74.00	11.81	H
10620.100	47.58	-35.00	38.32	44.27	74.00	26.42	H
15929.800	50.03	-32.93	39.09	43.87	74.00	23.97	V
17185.450	55.28	-31.89	41.65	45.53	68.30	13.02	V
17556.150	55.67	-31.86	42.32	45.21	68.30	12.63	V

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)
5459.500	59.79	-27.70	32.78	54.71	74.00	14.21	H
5459.669	59.56	-27.70	32.78	54.48	74.00	14.44	H
11019.950	46.14	-35.41	39.01	42.54	74.00	27.86	H
16529.850	50.41	-32.77	40.54	42.63	68.30	17.89	H
17473.650	54.74	-31.79	42.34	44.19	68.30	13.56	H
17610.050	54.76	-31.82	42.24	44.34	68.30	13.54	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)
5548.000	60.43	-27.23	32.87	54.78	68.30	7.87	H
5621.500	58.52	-27.57	32.98	53.11	68.30	9.78	H
11180.000	48.73	-34.75	39.07	44.41	74.00	25.27	V
16770.200	50.98	-32.40	40.88	42.50	68.30	17.32	V
17507.200	54.77	-31.82	42.39	44.19	68.30	13.53	H
17566.050	54.34	-31.86	42.31	43.89	68.30	13.96	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)
5727.891	59.35	-27.43	33.13	53.65	68.30	8.95	H
5733.453	58.67	-27.43	33.13	52.97	68.30	9.63	V
11340.050	47.69	-35.34	39.14	43.89	74.00	26.31	H
17010.000	51.32	-32.31	41.22	42.41	68.30	16.98	H
17466.500	54.71	-31.78	42.32	44.17	68.30	13.59	H
17502.250	55.22	-31.81	42.40	44.64	68.30	13.08	H

Channel 142

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5679.500	61.18	-27.55	33.06	55.67	68.30	7.12	H
5738.500	61.13	-27.43	33.14	55.42	68.30	7.17	V
11419.800	47.26	-35.22	39.17	43.32	74.00	26.74	V
17129.900	51.62	-32.07	41.52	42.17	68.30	16.68	V
17524.800	55.08	-31.83	42.36	44.55	68.30	13.22	V
17647.450	55.01	-31.79	42.19	44.61	68.30	13.29	H

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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)
5145.338	60.3	-28.2	32.6	55.93	74.0	13.7	V
5148.466	60.2	-28.2	32.6	55.83	74.0	13.8	H
10419.900	46.6	-35.7	38.1	44.28	68.3	21.7	V
15630.050	49.1	-33.4	39.0	43.42	74.0	24.9	H
17485.750	55.6	-31.8	42.4	45.01	68.3	12.7	H
17619.950	55.6	-31.8	42.2	45.22	68.3	12.7	V

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5352.759	60.4	-27.8	32.7	55.57	74.0	13.6	V
5360.201	60.6	-27.8	32.7	55.64	74.0	13.4	V
10579.950	48.2	-35.0	38.2	44.93	68.3	20.1	V
15869.850	50.0	-32.9	39.1	43.86	74.0	24.0	V
17314.700	54.9	-31.7	42.0	44.64	68.3	13.4	H
17422.500	54.5	-31.7	42.2	44.07	68.3	13.8	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)
5458.675	60.6	-27.7	32.8	55.53	74.0	13.4	H
5459.481	60.4	-27.7	32.8	55.33	74.0	13.6	V
11060.100	48.5	-35.2	39.0	44.60	74.0	25.6	V
16589.800	52.5	-32.7	40.6	44.52	68.3	15.9	V
17274.550	54.9	-31.8	41.9	44.77	68.3	13.4	H
17518.200	54.8	-31.8	42.4	44.30	68.3	13.5	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)
5726.125	56.7	-27.4	33.1	51.02	68.3	11.6	V
5730.219	57.4	-27.4	33.1	51.65	68.3	10.9	H
11220.150	47.7	-34.7	39.1	43.29	74.0	26.3	H
16830.150	51.5	-32.3	41.0	42.83	68.3	16.8	H
17352.100	55.3	-31.7	42.0	44.98	68.3	13.0	H
17513.250	54.8	-31.8	42.4	44.20	68.3	13.5	V

Channel 138

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5634.000	59.2	-27.6	33.0	53.74	68.3	9.1	H
5765.500	60.0	-27.4	33.2	54.28	68.3	8.3	H
11380.200	47.3	-35.3	39.2	43.39	74.0	26.7	V
17069.950	51.4	-32.3	41.4	42.33	68.3	16.9	H
17209.100	54.4	-31.8	41.7	44.52	68.3	13.9	V
17367.500	54.1	-31.7	42.1	43.76	68.3	14.2	V

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 $U = 3.10\text{dB}$, $k=2$.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		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		
		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:

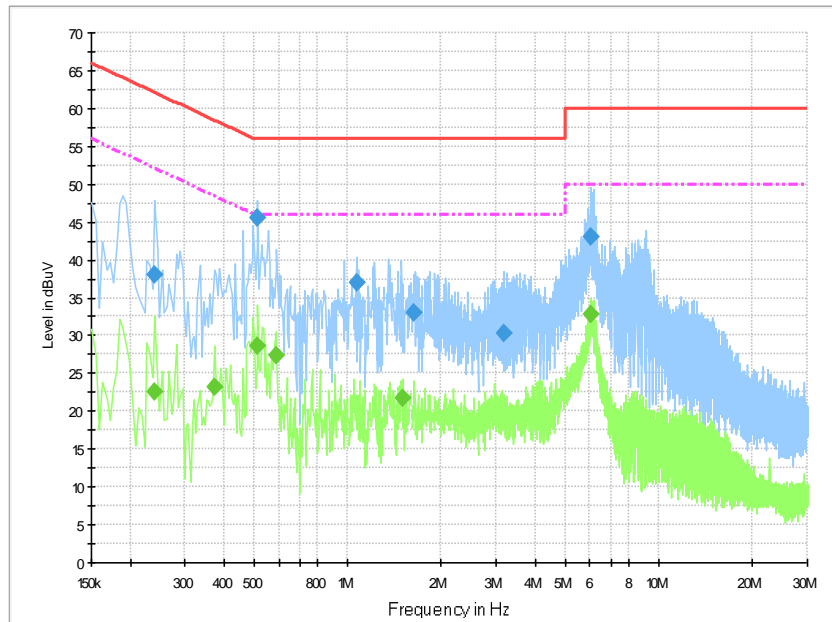


Fig.58 Conducted Emission (802.11a, Ch36, TX)

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.240000	38.1	5000.0	9.000	On	N	19.7	24.0	62.1
0.514500	45.5	5000.0	9.000	On	N	19.8	10.5	56.0
1.068000	37.0	5000.0	9.000	On	N	19.7	19.0	56.0
1.630500	33.1	5000.0	9.000	On	N	19.6	22.9	56.0
3.187500	30.2	5000.0	9.000	On	N	19.6	25.8	56.0
6.022500	43.0	5000.0	9.000	On	N	19.6	17.0	60.0

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.240000	22.5	5000.0	9.000	On	L1	19.7	29.6	52.1
0.375000	23.2	5000.0	9.000	On	L1	19.8	25.2	48.4
0.514500	28.6	5000.0	9.000	On	L1	19.8	17.4	46.0
0.586500	27.3	5000.0	9.000	On	N	19.7	18.7	46.0
1.500000	21.7	5000.0	9.000	On	N	19.6	24.3	46.0
6.022500	32.8	5000.0	9.000	On	L1	19.6	17.2	50.0

Note2: The measurement results showed here are worst cases.

Idle:

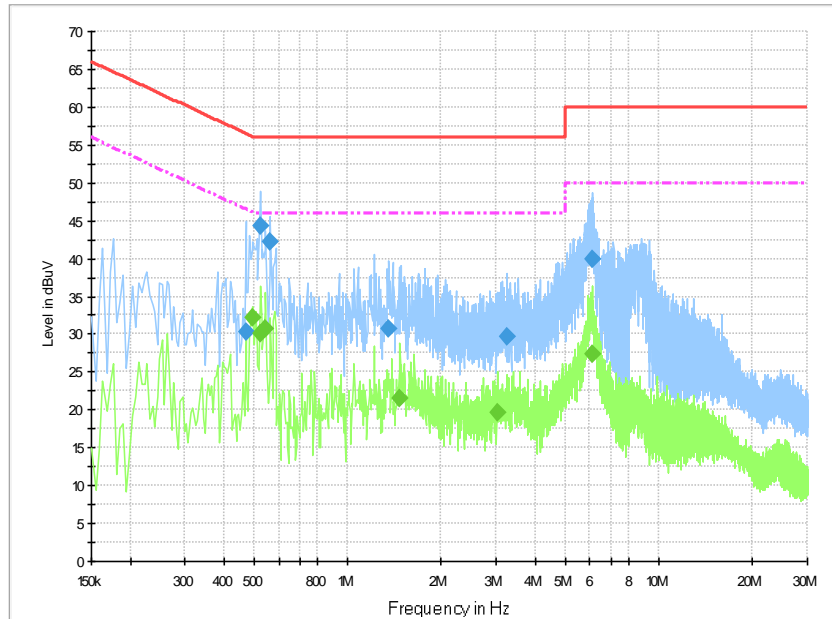


Fig.59 Conducted Emission(802.11a, Ch36, IDLE)

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)
0.469500	30.3	5000.0	9.000	On	N	19.8	26.3	56.5
0.523500	44.2	5000.0	9.000	On	N	19.8	11.8	56.0
0.564000	42.3	5000.0	9.000	On	N	19.8	13.7	56.0
1.356000	30.6	5000.0	9.000	On	N	19.6	25.4	56.0
3.237000	29.7	5000.0	9.000	On	L1	19.7	26.3	56.0
6.099000	40.0	5000.0	9.000	On	N	19.6	20.0	60.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.496500	32.2	5000.0	9.000	On	N	19.8	13.8	46.1
0.523500	30.0	5000.0	9.000	On	L1	19.8	16.0	46.0
0.546000	30.8	5000.0	9.000	On	N	19.8	15.2	46.0
1.473000	21.6	5000.0	9.000	On	L1	19.7	24.4	46.0
3.030000	19.7	5000.0	9.000	On	N	19.6	26.3	46.0
6.099000	27.4	5000.0	9.000	On	N	19.6	22.6	50.0

Note2: The measurement results showed here are worst cases.

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
802.11a	5180 MHz	Fig.60	17.00	P
	5200 MHz	Fig.61	16.96	P
	5240 MHz	Fig.62	16.96	P
802.11n HT20	5180 MHz	Fig.63	18.16	P
	5200 MHz	Fig.64	18.28	P
	5240 MHz	Fig.65	18.12	P
802.11n HT40	5190 MHz	Fig.66	36.32	P
	5230 MHz	Fig.67	36.24	P
802.11ac HT80	5210 MHz	Fig.68	75.68	P

Conclusion: PASS
Test graphs as below:

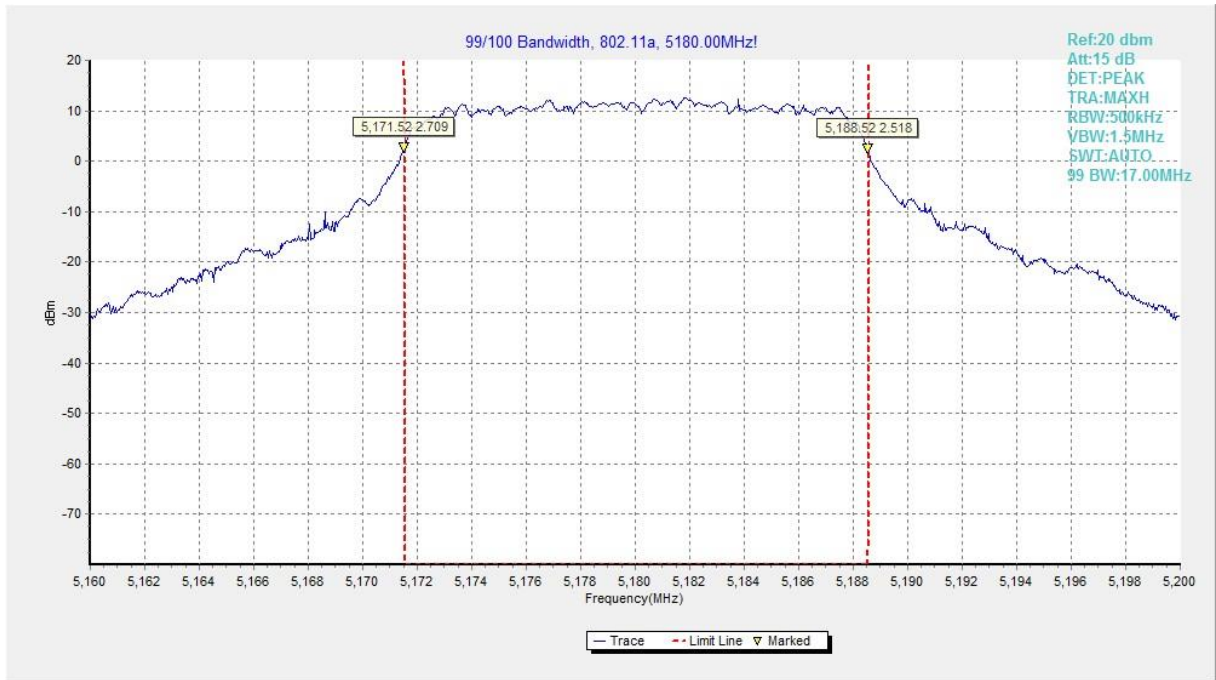


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

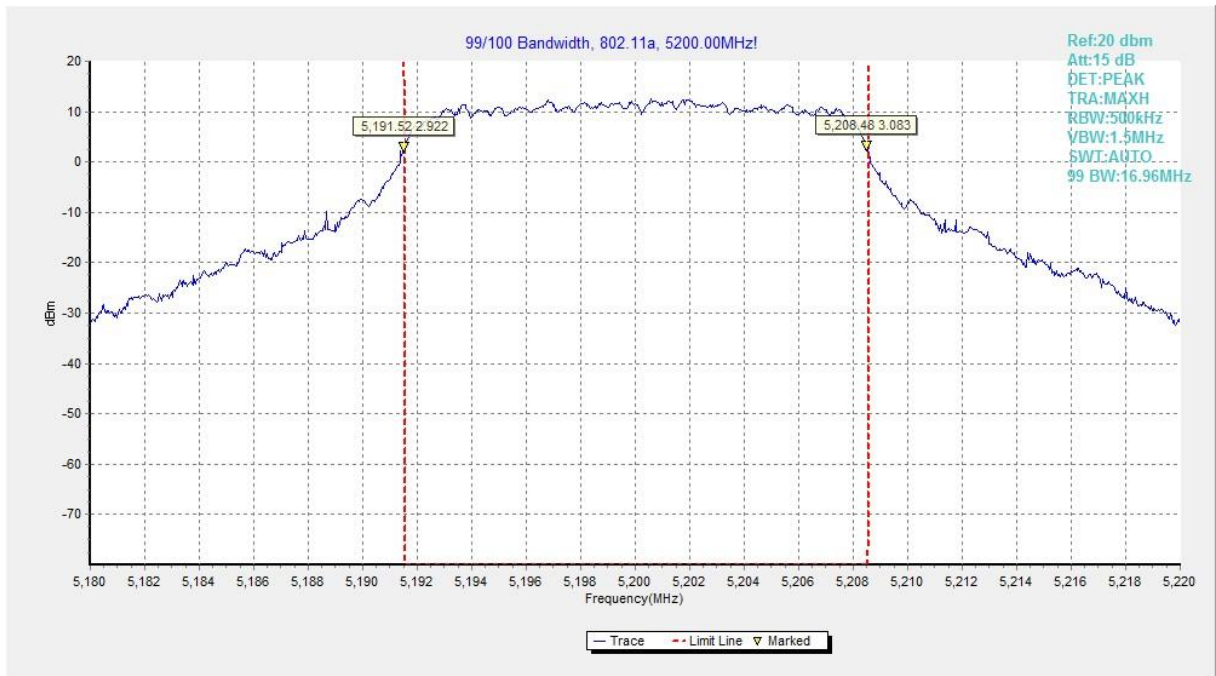


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

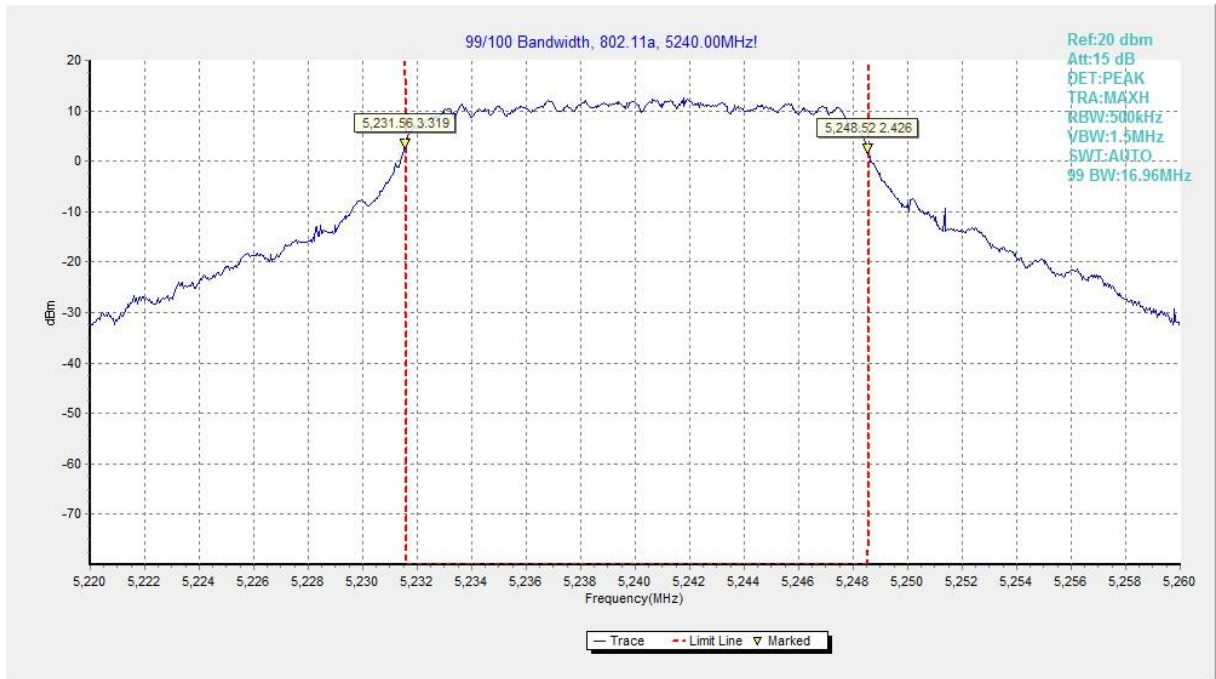


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

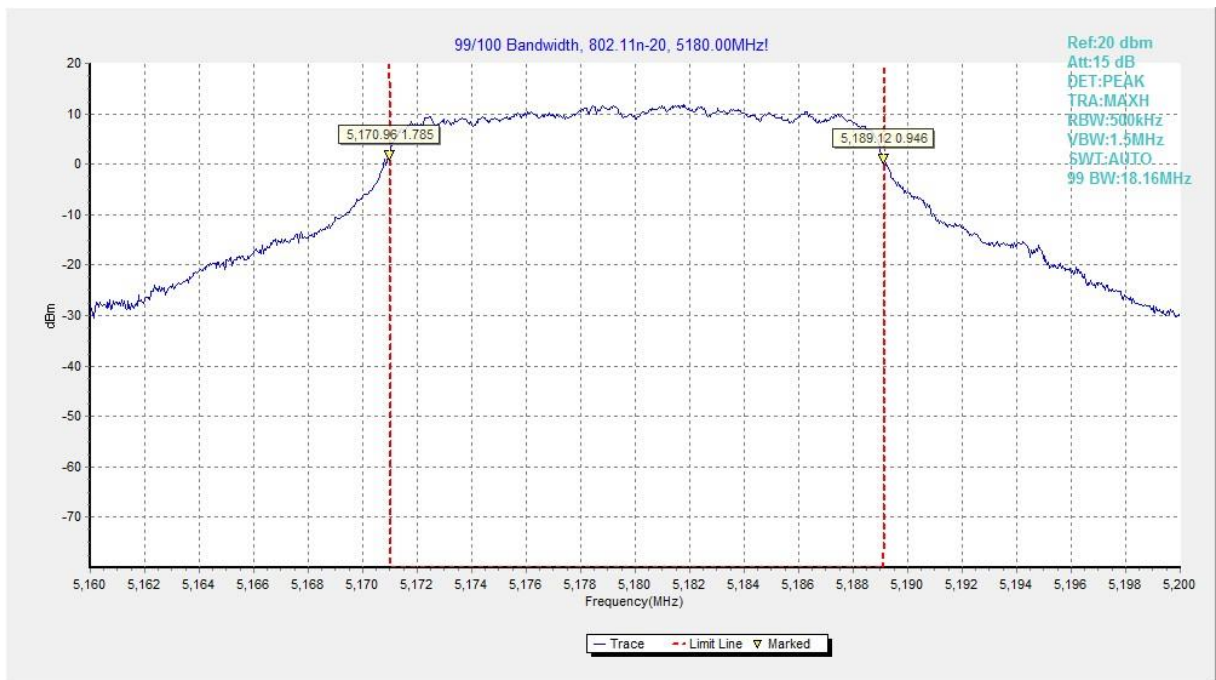


Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

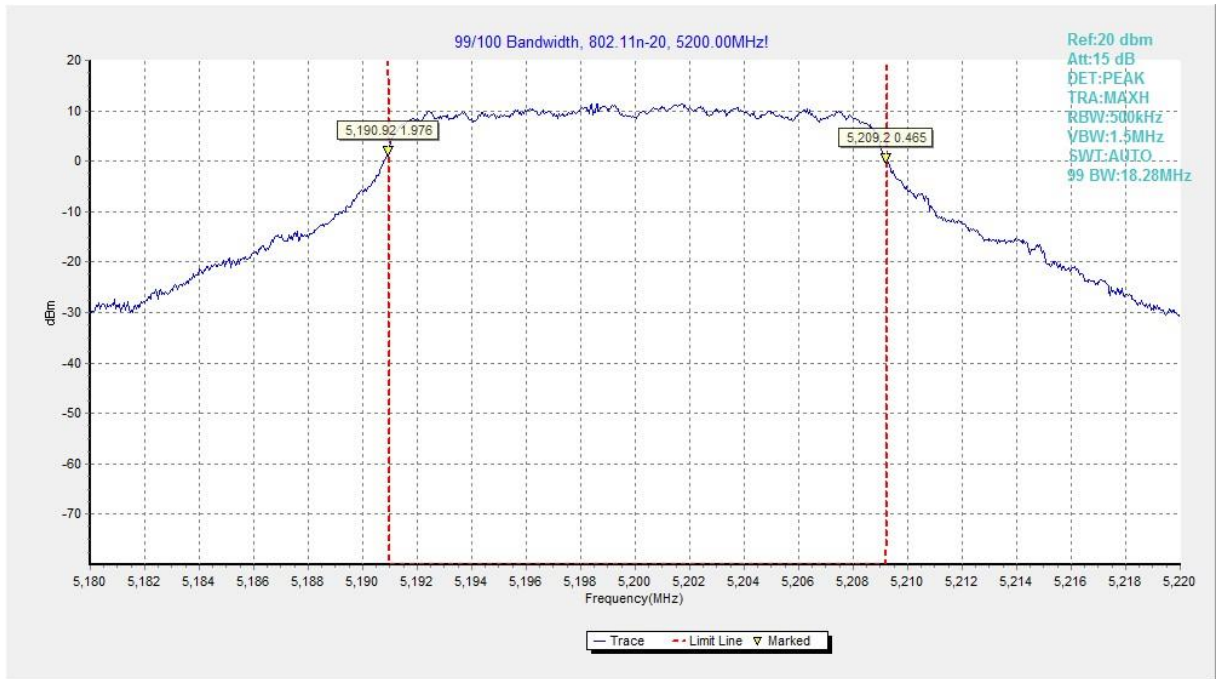


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

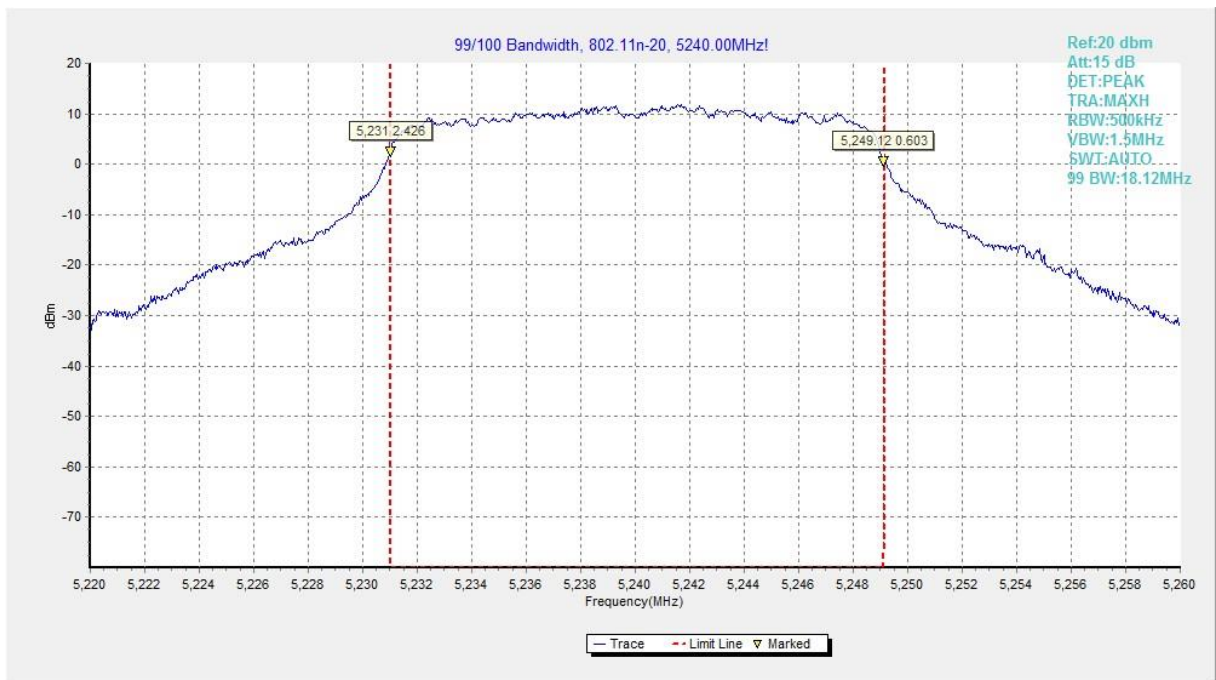


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

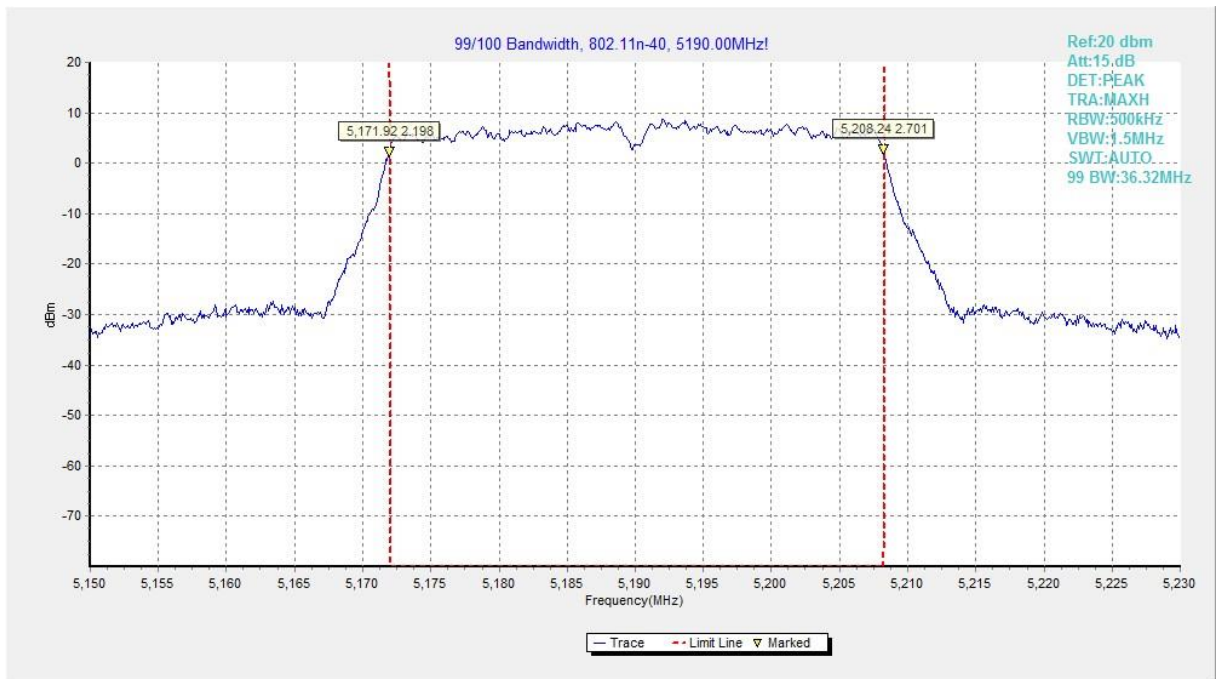


Fig.66 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

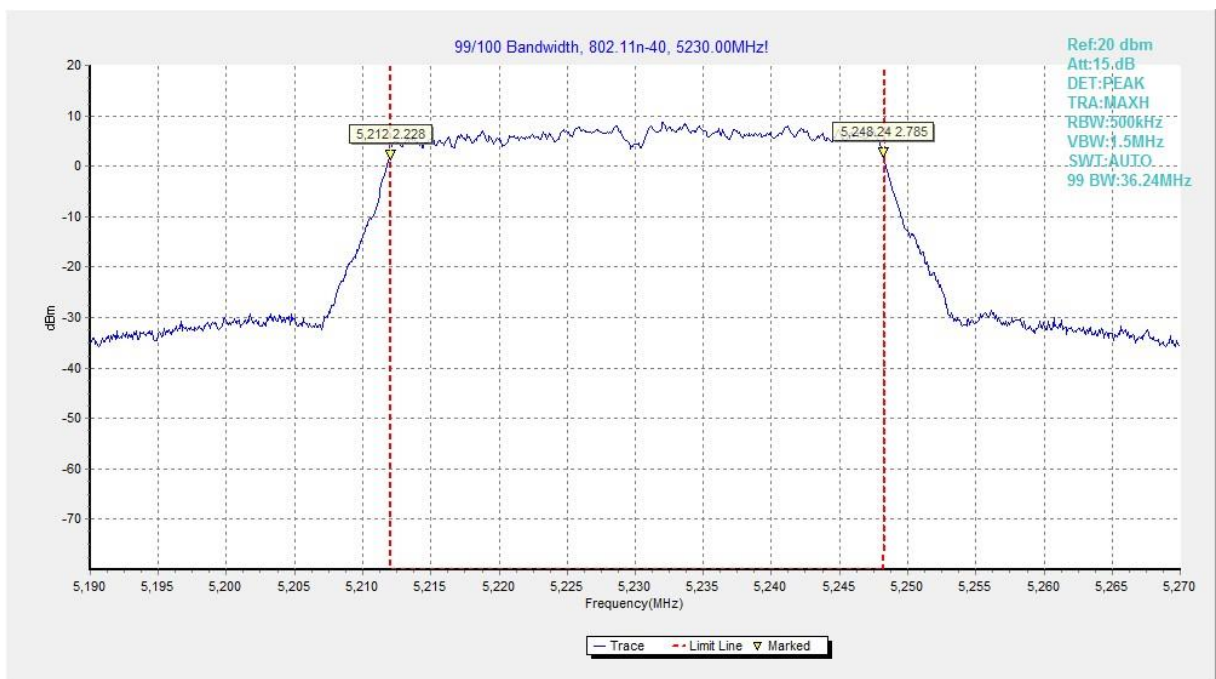


Fig.67 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

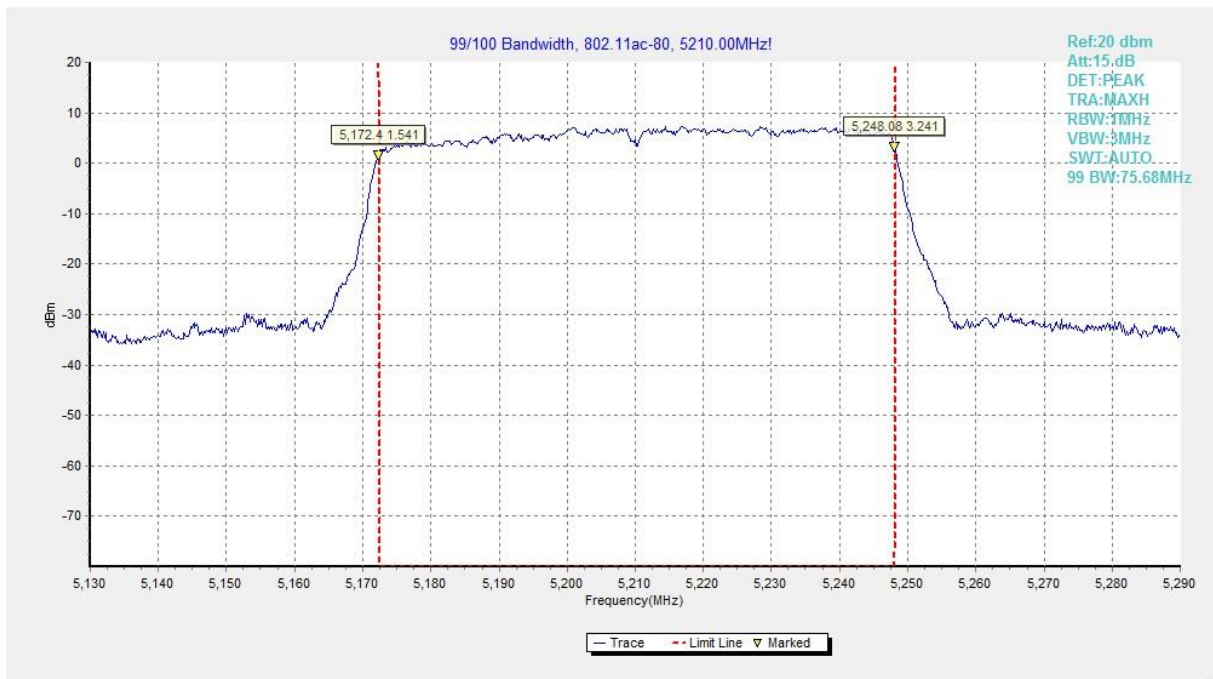


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)




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 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

<p>United States Department of Commerce National Institute of Standards and Technology</p>  	
<hr/> <h3>Certificate of Accreditation to ISO/IEC 17025:2017</h3> <hr/>	
<p>NVLAP LAB CODE: 600118-0</p>	
<p>Telecommunication Technology Labs, CAICT Beijing China</p>	
<p><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p>	
<p>Electromagnetic Compatibility & Telecommunications</p>	
<p><i>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 Communique dated January 2009).</i></p>	
<hr/> <p>2020-09-29 through 2021-09-30 <i>Effective Dates</i></p>	 <hr/> <p><i>[Signature]</i> For the National Voluntary Laboratory Accreditation Program</p>

*** END OF REPORT BODY ***