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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)
17994.000	42.00	-25.50	46.66	20.84	54.00	12.00	V
17986.800	41.96	-25.50	46.66	20.80	54.00	12.04	V
13257.400	37.30	-29.67	39.55	27.42	54.00	16.70	V
13250.800	37.27	-29.67	39.55	27.39	54.00	16.73	V
5149.800	50.84	-27.61	33.67	44.78	54.00	3.16	H
5149.900	50.81	-27.61	33.67	44.75	54.00	3.19	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17987.300	41.87	-25.50	46.66	20.71	54.00	12.13	H
17996.200	41.80	-25.50	46.66	20.64	54.00	12.20	V
13252.400	37.17	-29.67	39.55	27.29	54.00	16.83	V
13254.600	37.17	-29.67	39.55	27.29	54.00	16.83	V
11796.600	35.98	-31.85	39.05	28.78	54.00	18.02	V
11805.900	35.98	-31.85	39.05	28.78	54.00	18.02	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)
17987.300	41.86	-25.50	46.66	20.70	54.00	12.14	H
17983.000	41.83	-25.50	46.66	20.67	54.00	12.17	H
13265.600	37.27	-29.67	39.55	27.39	54.00	16.73	V
13324.500	37.27	-29.49	39.71	27.05	54.00	16.73	H
11830.700	36.03	-31.85	39.05	28.83	54.00	17.97	H
11804.800	36.00	-31.85	39.05	28.80	54.00	18.00	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)
17983.500	41.89	-25.50	46.66	20.73	54.00	12.11	V
17980.200	41.82	-25.50	46.66	20.66	54.00	12.18	H
13375.000	37.13	-29.49	39.71	26.91	54.00	16.87	H
13251.300	37.12	-29.67	39.55	27.24	54.00	16.88	V
11798.800	36.09	-31.85	39.05	28.89	54.00	17.91	H
11829.600	35.96	-31.85	39.05	28.76	54.00	18.04	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)
17991.800	41.88	-25.50	46.66	20.72	54.00	12.12	H
17978.500	41.81	-25.50	46.66	20.65	54.00	12.19	H
13330.000	37.21	-29.49	39.71	26.99	54.00	16.79	V
13281.000	37.14	-29.67	39.55	27.26	54.00	16.86	V
11796.600	35.99	-31.85	39.05	28.79	54.00	18.01	V
11823.500	35.96	-31.85	39.05	28.76	54.00	18.04	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)
17988.500	41.88	-25.50	46.66	20.72	54.00	12.12	V
17983.000	41.82	-25.50	46.66	20.66	54.00	12.18	V
13301.900	37.14	-29.49	39.71	26.92	54.00	16.86	V
13350.300	37.14	-29.49	39.71	26.92	54.00	16.86	H
5350.300	48.07	-27.43	34.01	41.49	54.00	5.93	H
5350.500	47.91	-27.43	34.01	41.33	54.00	6.09	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)
17990.100	41.93	-25.50	46.66	20.77	54.00	12.07	H
17984.600	41.88	-25.50	46.66	20.72	54.00	12.12	H
13260.100	37.16	-29.67	39.55	27.28	54.00	16.84	V
13339.900	37.11	-29.49	39.71	26.89	54.00	16.89	H
5459.900	44.26	-27.18	34.17	37.27	54.00	9.74	H
5459.500	44.25	-27.18	34.17	37.26	54.00	9.75	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)
17994.500	41.80	-25.50	46.66	20.64	54.00	12.20	H
17973.600	41.79	-25.50	46.66	20.63	54.00	12.21	V
13251.900	37.16	-29.67	39.55	27.28	54.00	16.84	V
13279.900	37.10	-29.67	39.55	27.22	54.00	16.90	H
11827.400	35.97	-31.85	39.05	28.77	54.00	18.03	H
11797.700	35.91	-31.85	39.05	28.71	54.00	18.09	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)
17997.200	41.83	-25.50	46.66	20.67	54.00	12.17	H
17990.700	41.81	-25.50	46.66	20.65	54.00	12.19	V
13261.800	37.16	-29.67	39.55	27.28	54.00	16.84	V
13283.800	37.10	-29.67	39.55	27.22	54.00	16.90	H
11398.900	36.09	-32.42	38.79	29.72	54.00	17.91	V
11836.200	35.98	-31.85	39.05	28.78	54.00	18.02	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)
17979.700	42.06	-25.50	46.66	20.90	54.00	11.94	H
17961.000	41.89	-25.50	46.66	20.73	54.00	12.11	V
11438.000	37.42	-32.42	38.79	31.05	54.00	16.58	V
11435.800	37.34	-32.42	38.79	30.97	54.00	16.66	V
13251.300	37.27	-29.67	39.55	27.39	54.00	16.73	V
13256.200	37.24	-29.67	39.55	27.36	54.00	16.76	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)
17988.500	41.91	-25.50	46.66	20.75	54.00	12.09	H
17991.200	41.85	-25.50	46.66	20.69	54.00	12.15	V
13251.300	37.15	-29.67	39.55	27.27	54.00	16.85	H
13321.100	37.14	-29.49	39.71	26.92	54.00	16.86	V
5149.700	50.83	-27.61	33.67	44.77	54.00	3.17	H
5149.300	50.81	-27.61	33.67	44.75	54.00	3.19	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)
17986.200	41.88	-25.50	46.66	20.72	54.00	12.12	V
17984.600	41.86	-25.50	46.66	20.70	54.00	12.14	H
13320.000	37.19	-29.49	39.71	26.97	54.00	16.81	V
13253.000	37.17	-29.67	39.55	27.29	54.00	16.83	H
11800.400	35.93	-31.85	39.05	28.73	54.00	18.07	H
11812.000	35.92	-31.85	39.05	28.72	54.00	18.08	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)
17997.800	41.78	-25.50	46.66	20.62	54.00	12.22	H
17963.200	41.77	-25.50	46.66	20.61	54.00	12.23	H
13353.000	37.23	-29.49	39.71	27.01	54.00	16.77	H
13349.200	37.20	-29.49	39.71	26.98	54.00	16.80	V
11822.400	35.98	-31.85	39.05	28.78	54.00	18.02	V
11817.500	35.92	-31.85	39.05	28.72	54.00	18.08	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)
17994.500	41.81	-25.50	46.66	20.65	54.00	12.19	H
17986.800	41.79	-25.50	46.66	20.63	54.00	12.21	H
13254.000	37.24	-29.67	39.55	27.36	54.00	16.76	H
13336.000	37.15	-29.49	39.71	26.93	54.00	16.85	H
5350.100	48.79	-27.43	34.01	42.21	54.00	5.21	H
5350.500	48.71	-27.43	34.01	42.13	54.00	5.29	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)
17984.600	41.88	-25.50	46.66	20.72	54.00	12.12	H
17962.600	41.85	-25.50	46.66	20.69	54.00	12.15	V
13362.400	37.17	-29.49	39.71	26.95	54.00	16.83	H
13320.600	37.11	-29.49	39.71	26.89	54.00	16.89	V
5459.700	43.70	-27.18	34.17	36.71	54.00	10.30	H
5459.800	43.66	-27.18	34.17	36.67	54.00	10.34	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)
17989.500	41.85	-25.50	46.66	20.69	54.00	12.15	H
17993.400	41.85	-25.50	46.66	20.69	54.00	12.15	H
13251.300	37.15	-29.67	39.55	27.27	54.00	16.85	H
13254.000	37.09	-29.67	39.55	27.21	54.00	16.91	H
11813.600	36.09	-31.85	39.05	28.89	54.00	17.91	V
11826.300	36.00	-31.85	39.05	28.80	54.00	18.00	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)
17996.700	41.82	-25.50	46.66	20.66	54.00	12.18	H
17952.200	41.77	-25.50	46.66	20.61	54.00	12.23	H
13364.000	37.24	-29.49	39.71	27.02	54.00	16.76	V
13380.500	37.16	-29.49	39.71	26.94	54.00	16.84	H
11336.200	36.65	-32.42	38.79	30.28	54.00	17.35	V
11337.900	36.49	-32.42	38.79	30.12	54.00	17.51	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)
17987.300	42.01	-25.50	46.66	20.85	54.00	11.99	H
17972.000	41.94	-25.50	46.66	20.78	54.00	12.06	H
13251.300	37.31	-29.67	39.55	27.43	54.00	16.69	V
13285.400	37.28	-29.67	39.55	27.40	54.00	16.72	H
11422.000	36.53	-32.42	38.79	30.16	54.00	17.47	V
11419.800	36.42	-32.42	38.79	30.05	54.00	17.58	V

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Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17979.700	41.83	-25.50	46.66	20.67	54.00	12.17	H
17989.000	41.75	-25.50	46.66	20.59	54.00	12.25	H
13302.500	37.14	-29.49	39.71	26.92	54.00	16.86	H
13250.200	37.13	-29.67	39.55	27.25	54.00	16.87	H
5149.800	51.54	-27.61	33.67	45.48	54.00	2.46	H
5149.800	51.49	-27.61	33.67	45.43	54.00	2.51	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)
17995.000	41.85	-25.50	46.66	20.69	54.00	12.15	V
17992.800	41.84	-25.50	46.66	20.68	54.00	12.16	H
13259.000	37.19	-29.67	39.55	27.31	54.00	16.81	H
13378.400	37.11	-29.49	39.71	26.89	54.00	16.89	V
5350.500	51.23	-27.43	34.01	44.65	54.00	2.77	H
5350.700	51.22	-27.43	34.01	44.64	54.00	2.78	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)
17977.500	41.87	-25.50	46.66	20.71	54.00	12.13	H
17990.700	41.86	-25.50	46.66	20.70	54.00	12.14	V
13353.000	37.14	-29.49	39.71	26.92	54.00	16.86	V
13346.500	37.13	-29.49	39.71	26.91	54.00	16.87	H
5458.600	45.58	-27.18	34.17	38.59	54.00	8.42	H
5458.700	45.58	-27.18	34.17	38.59	54.00	8.42	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)
17996.200	41.86	-25.50	46.66	20.70	54.00	12.14	V
17996.700	41.86	-25.50	46.66	20.70	54.00	12.14	V
13266.700	37.28	-29.67	39.55	27.40	54.00	16.72	V
13344.800	37.16	-29.49	39.71	26.94	54.00	16.84	H
11809.800	36.06	-31.85	39.05	28.86	54.00	17.94	H
11818.600	36.06	-31.85	39.05	28.86	54.00	17.94	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)
17989.500	41.86	-25.50	46.66	20.70	54.00	12.14	V
17996.700	41.86	-25.50	46.66	20.70	54.00	12.14	V
13250.800	37.27	-29.67	39.55	27.39	54.00	16.73	H
13253.500	37.22	-29.67	39.55	27.34	54.00	16.78	H
11838.900	36.02	-31.85	39.05	28.82	54.00	17.98	H
11863.700	36.00	-31.85	39.05	28.80	54.00	18.00	V

PEAK Results:

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17934.500	54.56	-25.50	46.66	33.40	74.00	19.44	H
17995.600	54.52	-25.50	46.66	33.36	74.00	19.48	V
13633.500	51.07	-29.50	40.43	40.14	68.30	17.23	H
14294.100	50.99	-28.42	42.34	37.07	68.30	17.31	V
5147.900	71.23	-27.61	33.67	65.17	74.00	2.77	H
5147.300	71.12	-27.61	33.67	65.06	74.00	2.88	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)
17950.500	54.41	-25.50	46.66	33.25	74.00	19.59	V
17954.300	54.32	-25.50	46.66	33.16	74.00	19.68	H
13321.100	51.03	-29.49	39.71	40.81	74.00	22.97	V
13630.800	50.96	-29.50	40.43	40.03	68.30	17.34	V
11936.300	48.87	-31.48	39.09	41.26	74.00	25.13	V
11808.700	48.71	-31.85	39.05	41.51	74.00	25.29	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)
17941.700	54.22	-25.50	46.66	33.06	74.00	19.78	H
17953.200	54.19	-25.50	46.66	33.03	74.00	19.81	H
14602.600	51.47	-27.29	41.90	36.86	68.30	16.83	V
13702.900	51.12	-29.10	40.86	39.35	68.30	17.18	H
11677.800	48.95	-32.31	38.91	42.36	74.00	25.05	H
11900.500	48.85	-31.85	39.05	41.65	74.00	25.15	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)
17943.900	54.58	-25.50	46.66	33.42	74.00	19.42	H
17412.000	53.98	-26.85	45.25	35.58	68.30	14.32	H
13560.400	50.85	-29.50	40.43	39.92	68.30	17.45	V
13695.700	50.69	-29.10	40.86	38.92	68.30	17.61	H
11237.800	48.95	-32.36	38.77	42.55	74.00	25.05	V
11335.700	48.89	-32.42	38.79	42.52	74.00	25.11	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)
17939.500	54.42	-25.50	46.66	33.26	74.00	19.58	V
17995.000	54.14	-25.50	46.66	32.98	74.00	19.86	V
13639.600	51.41	-29.50	40.43	40.48	68.30	16.89	V
13666.000	51.07	-29.50	40.43	40.14	68.30	17.23	H
11659.100	48.77	-32.31	38.91	42.18	74.00	25.23	V
11802.100	48.58	-31.85	39.05	41.38	74.00	25.42	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)
17988.500	54.99	-25.50	46.66	33.83	74.00	19.01	H
17968.700	54.34	-25.50	46.66	33.18	74.00	19.66	H
13686.400	51.02	-29.50	40.43	40.09	68.30	17.28	V
13782.000	50.86	-29.10	40.86	39.09	68.30	17.44	V
5353.400	70.98	-27.43	34.01	64.40	74.00	3.02	H
5352.900	70.53	-27.43	34.01	63.95	74.00	3.47	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)
17957.700	54.24	-25.50	46.66	33.08	74.00	19.76	V
17390.600	54.07	-26.85	45.25	35.67	68.30	14.23	V
13593.400	51.07	-29.50	40.43	40.14	68.30	17.23	V
14302.900	50.68	-28.42	42.34	36.76	68.30	17.62	V
5458.300	58.03	-27.18	34.17	51.04	74.00	15.97	H
5468.100	63.63	-27.18	34.17	56.64	68.30	4.67	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)
17980.800	54.16	-25.50	46.66	33.00	74.00	19.84	H
17969.200	54.11	-25.50	46.66	32.95	74.00	19.89	V
13748.000	50.88	-29.10	40.86	39.11	68.30	17.42	H
13631.900	50.75	-29.50	40.43	39.82	68.30	17.55	H
11766.900	48.87	-31.99	38.98	41.88	74.00	25.13	H
11889.000	48.86	-31.85	39.05	41.66	74.00	25.14	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)
17967.000	55.61	-25.50	46.66	34.45	74.00	18.39	H
17985.200	54.74	-25.50	46.66	33.58	74.00	19.26	H
13625.900	51.54	-29.50	40.43	40.61	68.30	16.76	H
13813.400	51.51	-29.10	40.86	39.74	68.30	16.79	H
5727.300	67.71	-27.07	34.31	60.47	68.30	0.59	H
5726.800	67.20	-27.07	34.31	59.96	68.30	1.10	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)
17843.200	54.93	-25.50	46.66	33.77	74.00	19.07	V
17917.500	54.70	-25.50	46.66	33.54	74.00	19.30	H
13649.000	51.75	-29.50	40.43	40.82	68.30	16.55	H
13740.800	51.18	-29.10	40.86	39.41	68.30	17.12	H
11438.500	49.52	-32.42	38.79	43.15	74.00	24.48	V
11437.400	49.47	-32.42	38.79	43.10	74.00	24.53	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)
17398.800	54.29	-26.85	45.25	35.89	68.30	14.01	V
17990.100	54.18	-25.50	46.66	33.02	74.00	19.82	H
14190.100	51.72	-28.99	42.00	38.70	68.30	16.58	V
14207.200	51.46	-28.99	42.00	38.44	68.30	16.84	H
5149.700	70.83	-27.61	33.67	64.77	74.00	3.17	H
5149.000	70.66	-27.61	33.67	64.60	74.00	3.34	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17998.900	54.15	-25.50	46.66	32.99	74.00	19.85	V
17956.500	54.10	-25.50	46.66	32.94	74.00	19.90	V
14182.500	51.20	-28.99	42.00	38.18	68.30	17.10	V
13785.900	51.01	-29.10	40.86	39.24	68.30	17.29	H
11888.400	48.56	-31.85	39.05	41.36	74.00	25.44	V
11808.700	48.47	-31.85	39.05	41.27	74.00	25.53	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)
17978.500	54.42	-25.50	46.66	33.26	74.00	19.58	V
17968.100	54.27	-25.50	46.66	33.11	74.00	19.73	V
13775.500	51.29	-29.10	40.86	39.52	68.30	17.01	V
13690.800	50.69	-29.50	40.43	39.76	68.30	17.61	H
11804.800	49.17	-31.85	39.05	41.97	74.00	24.83	H
11889.000	48.71	-31.85	39.05	41.51	74.00	25.29	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)
17985.200	54.64	-25.50	46.66	33.48	74.00	19.36	H
17421.400	54.60	-26.85	45.25	36.20	68.30	13.70	V
13567.500	51.71	-29.50	40.43	40.78	68.30	16.59	V
14202.200	50.86	-28.99	42.00	37.84	68.30	17.44	V
11936.300	48.53	-31.48	39.09	40.92	74.00	25.47	V
11785.600	48.51	-31.99	38.98	41.52	74.00	25.49	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)
17976.300	54.07	-25.50	46.66	32.91	74.00	19.93	V
17980.200	53.95	-25.50	46.66	32.79	74.00	20.05	V
13586.200	51.16	-29.50	40.43	40.23	68.30	17.14	V
13650.600	51.10	-29.50	40.43	40.17	68.30	17.20	H
11847.200	48.95	-31.85	39.05	41.75	74.00	25.05	V
11870.300	48.59	-31.85	39.05	41.39	74.00	25.41	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)
17984.600	55.28	-25.50	46.66	34.12	74.00	18.72	H
17407.100	54.17	-26.85	45.25	35.77	68.30	14.13	H
13779.900	51.18	-29.10	40.86	39.41	68.30	17.12	V
13723.200	51.13	-29.10	40.86	39.36	68.30	17.17	H
5352.200	71.88	-27.43	34.01	65.30	74.00	2.12	H
5350.500	71.84	-27.43	34.01	65.26	74.00	2.16	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)
17988.500	54.24	-25.50	46.66	33.08	74.00	19.76	V
17406.500	54.23	-26.85	45.25	35.83	68.30	14.07	H
14201.100	51.69	-28.99	42.00	38.67	68.30	16.61	H
14194.000	51.22	-28.99	42.00	38.20	68.30	17.08	H
5459.400	58.52	-27.18	34.17	51.53	74.00	15.48	H
5467.800	64.60	-27.18	34.17	57.61	68.30	3.70	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)
17945.000	54.70	-25.50	46.66	33.54	74.00	19.30	H
17953.800	54.41	-25.50	46.66	33.25	74.00	19.59	V
13686.400	51.57	-29.50	40.43	40.64	68.30	16.73	V
13628.600	51.18	-29.50	40.43	40.25	68.30	17.12	V
11812.500	49.46	-31.85	39.05	42.26	74.00	24.54	V
11394.000	48.72	-32.42	38.79	42.35	74.00	25.28	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)
17412.600	54.49	-26.85	45.25	36.09	68.30	13.81	V
17309.200	54.10	-25.95	44.35	35.69	68.30	14.20	V
14196.800	51.59	-28.99	42.00	38.57	68.30	16.71	H
13571.400	51.10	-29.50	40.43	40.17	68.30	17.20	H
5725.400	68.03	-27.07	34.31	60.79	68.30	0.27	H
5725.300	67.36	-27.07	34.31	60.12	68.30	0.94	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)
17951.600	54.95	-25.50	46.66	33.79	74.00	19.05	H
17994.500	54.32	-25.50	46.66	33.16	74.00	19.68	V
13638.500	51.56	-29.50	40.43	40.63	68.30	16.74	V
13702.300	50.87	-29.10	40.86	39.10	68.30	17.43	V
11805.400	49.67	-31.85	39.05	42.47	74.00	24.33	H
11432.500	49.23	-32.42	38.79	42.86	74.00	24.77	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)
17407.700	54.25	-26.85	45.25	35.85	68.30	14.05	V
17950.500	54.25	-25.50	46.66	33.09	74.00	19.75	H
13758.400	52.05	-29.10	40.86	40.28	68.30	16.25	V
13623.100	51.34	-29.50	40.43	40.41	68.30	16.96	H
5148.700	73.46	-27.61	33.67	67.40	74.00	0.54	H
5149.400	72.36	-27.61	33.67	66.30	74.00	1.64	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)
17236.000	54.15	-25.95	44.35	35.74	68.30	14.15	H
17930.200	54.06	-25.50	46.66	32.90	74.00	19.94	H
13607.100	50.75	-29.50	40.43	39.82	68.30	17.55	H
13600.500	50.72	-29.50	40.43	39.79	68.30	17.58	V
11773.500	48.66	-31.99	38.98	41.67	74.00	25.34	H
11936.300	48.43	-31.48	39.09	40.82	74.00	25.57	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)
17989.000	55.50	-25.50	46.66	34.34	74.00	18.50	V
17934.000	54.30	-25.50	46.66	33.14	74.00	19.70	V
13688.500	51.13	-29.50	40.43	40.20	68.30	17.17	V
13623.600	50.83	-29.50	40.43	39.90	68.30	17.47	H
11900.000	48.85	-31.85	39.05	41.65	74.00	25.15	H
11913.700	48.72	-31.48	39.09	41.11	74.00	25.28	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)
17920.800	54.57	-25.50	46.66	33.41	74.00	19.43	V
17967.500	54.27	-25.50	46.66	33.11	74.00	19.73	H
13344.800	50.82	-29.49	39.71	40.60	74.00	23.18	H
13702.300	50.81	-29.10	40.86	39.04	68.30	17.49	H
5355.100	70.71	-27.43	34.01	64.13	74.00	3.29	H
5357.900	70.51	-27.43	34.01	63.93	74.00	3.49	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)
17985.200	55.12	-25.50	46.66	33.96	74.00	18.88	V
17526.500	54.30	-26.85	45.25	35.90	68.30	14.00	V
14217.600	51.03	-28.99	42.00	38.01	68.30	17.27	H
14601.500	50.76	-27.29	41.90	36.15	68.30	17.54	V
5458.300	60.29	-27.18	34.17	53.30	74.00	13.71	H
5466.000	65.12	-27.18	34.17	58.13	68.30	3.18	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)
17984.000	54.71	-25.50	46.66	33.55	74.00	19.29	V
17952.700	54.39	-25.50	46.66	33.23	74.00	19.61	V
13719.400	51.37	-29.10	40.86	39.60	68.30	16.93	H
14596.600	51.01	-27.29	41.90	36.40	68.30	17.29	H
11341.200	48.99	-32.42	38.79	42.62	74.00	25.01	H
11877.400	48.91	-31.85	39.05	41.71	74.00	25.09	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)
17853.200	54.34	-25.50	46.66	33.18	74.00	19.66	V
17679.300	54.21	-25.74	45.95	34.00	68.30	14.09	H
13691.900	51.30	-29.50	40.43	40.37	68.30	17.00	H
13725.400	50.88	-29.10	40.86	39.11	68.30	17.42	H
5725.900	68.22	-27.07	34.31	60.98	68.30	0.08	H
5728.900	67.78	-27.07	34.31	60.54	68.30	0.52	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)
17921.900	54.77	-25.50	46.66	33.61	74.00	19.23	H
17996.200	54.49	-25.50	46.66	33.33	74.00	19.51	H
14606.500	51.61	-27.29	41.90	37.00	68.30	16.69	H
13633.000	50.96	-29.50	40.43	40.03	68.30	17.34	V
11519.900	48.92	-32.26	38.84	42.35	74.00	25.08	H
11232.800	48.83	-32.36	38.77	42.43	74.00	25.17	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)
17973.600	55.19	-25.50	46.66	34.03	74.00	18.81	V
17989.500	54.97	-25.50	46.66	33.81	74.00	19.03	V
13785.900	51.24	-29.10	40.86	39.47	68.30	17.06	H
13576.400	50.94	-29.50	40.43	40.01	68.30	17.36	H
5148.700	70.31	-27.61	33.67	64.25	74.00	3.69	H
5149.700	70.02	-27.61	33.67	63.96	74.00	3.98	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)
17932.300	54.33	-25.50	46.66	33.17	74.00	19.67	V
17995.000	54.26	-25.50	46.66	33.10	74.00	19.74	V
13779.300	51.29	-29.10	40.86	39.52	68.30	17.01	H
13806.200	51.06	-29.10	40.86	39.29	68.30	17.24	V
11823.500	49.12	-31.85	39.05	41.92	74.00	24.88	V
11027.700	49.04	-32.49	38.72	42.80	74.00	24.96	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)
17957.100	54.48	-25.50	46.66	33.32	74.00	19.52	H
17996.700	54.26	-25.50	46.66	33.10	74.00	19.74	H
14106.000	51.09	-29.44	41.66	38.87	68.30	17.21	V
13639.000	50.96	-29.50	40.43	40.03	68.30	17.34	H
11924.200	48.64	-31.48	39.09	41.03	74.00	25.36	H
11994.000	48.58	-31.48	39.09	40.97	74.00	25.42	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)
17967.000	54.58	-25.50	46.66	33.42	74.00	19.42	V
17994.500	54.53	-25.50	46.66	33.37	74.00	19.47	H
13658.900	51.59	-29.50	40.43	40.66	68.30	16.71	V
14185.800	51.31	-28.99	42.00	38.29	68.30	16.99	H
11655.800	49.11	-32.31	38.91	42.52	74.00	24.89	H
11896.700	48.80	-31.85	39.05	41.60	74.00	25.20	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)
17918.600	55.04	-25.50	46.66	33.88	74.00	18.96	V
17964.800	54.72	-25.50	46.66	33.56	74.00	19.28	H
14270.500	51.12	-28.42	42.34	37.20	68.30	17.18	H
13704.500	51.10	-29.10	40.86	39.33	68.30	17.20	V
11363.200	48.92	-32.42	38.79	42.55	74.00	25.08	H
11853.200	48.60	-31.85	39.05	41.40	74.00	25.40	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)
17904.800	55.31	-25.50	46.66	34.15	74.00	18.69	V
17965.300	54.39	-25.50	46.66	33.23	74.00	19.61	V
13703.400	51.01	-29.10	40.86	39.24	68.30	17.29	V
13634.100	50.86	-29.50	40.43	39.93	68.30	17.44	H
5352.100	71.95	-27.43	34.01	65.37	74.00	2.05	H
5350.000	71.48	-27.43	34.01	64.90	74.00	2.52	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)
17952.200	54.24	-25.50	46.66	33.08	74.00	19.76	H
17974.700	54.23	-25.50	46.66	33.07	74.00	19.77	H
13640.700	51.38	-29.50	40.43	40.45	68.30	16.92	V
14183.500	50.83	-28.99	42.00	37.81	68.30	17.47	V
5459.500	61.07	-27.18	34.17	54.08	74.00	12.93	H
5468.800	66.89	-27.18	34.17	59.90	68.30	1.41	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.200	54.19	-25.50	46.66	33.03	74.00	19.81	V
17993.400	54.15	-25.50	46.66	32.99	74.00	19.85	H
13641.200	51.16	-29.50	40.43	40.23	68.30	17.14	H
13702.900	50.84	-29.10	40.86	39.07	68.30	17.46	H
11894.500	48.95	-31.85	39.05	41.75	74.00	25.05	V
11840.600	48.68	-31.85	39.05	41.48	74.00	25.32	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)
17923.500	54.22	-25.50	46.66	33.06	74.00	19.78	H
17837.200	54.20	-25.50	46.66	33.04	74.00	19.80	H
13634.600	51.18	-29.50	40.43	40.25	68.30	17.12	H
13728.700	50.81	-29.10	40.86	39.04	68.30	17.49	H
5726.100	66.50	-27.07	34.31	59.26	68.30	1.80	H
5726.200	66.18	-27.07	34.31	58.94	68.30	2.12	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)
17974.200	54.07	-25.50	46.66	32.91	74.00	19.93	H
17905.400	53.92	-25.50	46.66	32.76	74.00	20.08	V
13581.300	51.36	-29.50	40.43	40.43	68.30	16.94	H
13680.300	51.30	-29.50	40.43	40.37	68.30	17.00	H
11445.700	48.95	-32.42	38.79	42.58	74.00	25.05	V
11899.400	48.76	-31.85	39.05	41.56	74.00	25.24	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)
17988.500	54.64	-25.50	46.66	33.48	74.00	19.36	H
17984.600	54.29	-25.50	46.66	33.13	74.00	19.71	V
13750.100	52.19	-29.10	40.86	40.42	68.30	16.11	H
13545.500	51.06	-29.56	39.99	40.63	68.30	17.24	V
5148.700	73.92	-27.61	33.67	67.86	74.00	0.08	H
5149.600	73.33	-27.61	33.67	67.27	74.00	0.67	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)
17816.800	54.36	-25.50	46.66	33.20	74.00	19.64	H
17981.300	54.18	-25.50	46.66	33.02	74.00	19.82	H
13561.500	51.31	-29.50	40.43	40.38	68.30	16.99	H
13639.000	51.10	-29.50	40.43	40.17	68.30	17.20	H
11859.300	48.68	-31.85	39.05	41.48	74.00	25.32	H
11809.200	48.36	-31.85	39.05	41.16	74.00	25.64	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)
17946.700	54.39	-25.50	46.66	33.23	74.00	19.61	H
17403.800	54.02	-26.85	45.25	35.62	68.30	14.28	H
13686.900	51.50	-29.50	40.43	40.57	68.30	16.80	H
13645.600	51.27	-29.50	40.43	40.34	68.30	17.03	H
11315.900	49.20	-32.36	38.77	42.80	74.00	24.80	V
11329.600	48.82	-32.36	38.77	42.42	74.00	25.18	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)
17979.100	54.33	-25.50	46.66	33.17	74.00	19.67	H
17971.400	54.32	-25.50	46.66	33.16	74.00	19.68	H
13712.800	51.21	-29.10	40.86	39.44	68.30	17.09	H
13645.100	51.16	-29.50	40.43	40.23	68.30	17.14	H
5351.100	72.57	-27.43	34.01	65.99	74.00	1.43	H
5350.500	72.44	-27.43	34.01	65.86	74.00	1.56	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)
17975.800	54.74	-25.50	46.66	33.58	74.00	19.26	V
17936.200	54.09	-25.50	46.66	32.93	74.00	19.91	V
13338.200	51.19	-29.49	39.71	40.97	74.00	22.81	H
14596.000	50.72	-27.29	41.90	36.11	68.30	17.58	H
5459.200	63.46	-27.18	34.17	56.47	74.00	10.54	H
5466.900	65.57	-27.18	34.17	58.58	68.30	2.73	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17859.200	54.92	-25.50	46.66	33.76	74.00	19.08	V
17997.800	54.23	-25.50	46.66	33.07	74.00	19.77	V
13587.400	51.09	-29.50	40.43	40.16	68.30	17.21	H
13724.300	51.05	-29.10	40.86	39.28	68.30	17.25	H
11830.700	48.80	-31.85	39.05	41.60	74.00	25.20	V
11869.200	48.60	-31.85	39.05	41.40	74.00	25.40	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)
17399.400	54.53	-26.85	45.25	36.13	68.30	13.77	H
17986.800	54.25	-25.50	46.66	33.09	74.00	19.75	H
13607.100	51.17	-29.50	40.43	40.24	68.30	17.13	V
13592.300	50.73	-29.50	40.43	39.80	68.30	17.57	V
5729.400	67.63	-27.07	34.31	60.39	68.30	0.67	H
5725.000	67.43	-27.07	34.31	60.19	68.30	0.87	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)
17988.500	54.08	-25.50	46.66	32.92	74.00	19.92	V
17990.700	54.05	-25.50	46.66	32.89	74.00	19.95	V
14214.400	50.95	-28.99	42.00	37.93	68.30	17.35	H
13672.600	50.68	-29.50	40.43	39.75	68.30	17.62	H
11818.000	49.41	-31.85	39.05	42.21	74.00	24.59	V
11893.400	48.97	-31.85	39.05	41.77	74.00	25.03	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)
17997.800	54.23	-25.50	46.66	33.07	74.00	19.77	V
17576.000	54.11	-25.74	45.95	33.90	68.30	14.19	H
13604.400	50.85	-29.50	40.43	39.92	68.30	17.45	H
13607.700	50.83	-29.50	40.43	39.90	68.30	17.47	H
5149.200	71.98	-27.61	33.67	65.92	74.00	2.02	H
5149.000	71.84	-27.61	33.67	65.78	74.00	2.16	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)
17963.200	54.23	-25.50	46.66	33.07	74.00	19.77	V
17323.000	53.97	-25.95	44.35	35.56	68.30	14.33	H
13553.200	51.55	-29.56	39.99	41.12	68.30	16.75	V
14186.300	51.47	-28.99	42.00	38.45	68.30	16.83	V
5359.800	73.61	-27.43	34.01	67.03	74.00	0.39	H
5350.700	73.52	-27.43	34.01	66.94	74.00	0.48	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)
17990.700	55.00	-25.50	46.66	33.84	74.00	19.00	V
17957.100	54.95	-25.50	46.66	33.79	74.00	19.05	V
13676.500	51.83	-29.50	40.43	40.90	68.30	16.47	V
13323.400	50.84	-29.49	39.71	40.62	74.00	23.16	H
5452.000	62.23	-27.18	34.17	55.24	74.00	11.77	H
5465.800	64.54	-27.18	34.17	57.55	68.30	3.76	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)
17450.000	54.61	-26.85	45.25	36.21	68.30	13.69	V
17997.200	54.35	-25.50	46.66	33.19	74.00	19.65	H
13585.700	51.14	-29.50	40.43	40.21	68.30	17.16	V
14197.900	50.95	-28.99	42.00	37.93	68.30	17.35	H
5726.600	65.27	-27.07	34.31	58.03	68.30	3.03	H
5725.100	65.22	-27.07	34.31	57.98	68.30	3.08	H

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)
17987.300	55.12	-25.50	46.66	33.96	74.00	18.88	H
17512.700	54.58	-26.85	45.25	36.18	68.30	13.72	H
13524.600	51.36	-29.56	39.99	40.93	68.30	16.94	H
13729.800	51.14	-29.10	40.86	39.37	68.30	17.16	H
11769.600	49.35	-31.99	38.98	42.36	74.00	24.65	V
11403.900	49.03	-32.42	38.79	42.66	74.00	24.97	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 =3.10dB, k=2.

Measurement Result and limit:
WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE5		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.58	Fig.59	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE5		
		802.11a	Idle	
0.15 to 0.5	67 56 to 46	Fig.58	Fig.59	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Conclusion: PASS
Test graphs as below:

Traffic:

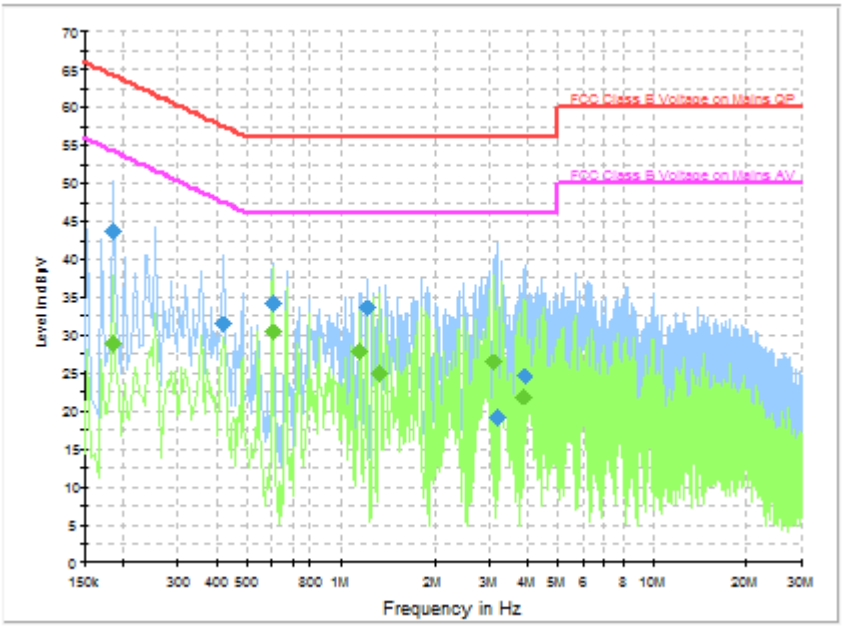

Fig. 58 Conducted Emission (802.11a, Ch36, TX)

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	43.8	2000.0	9.000	On	L1	20.0	20.5	64.2
0.418000	31.5	2000.0	9.000	On	N	19.9	26.0	57.5
0.606000	34.2	2000.0	9.000	On	L1	19.7	21.8	56.0
1.206000	33.6	2000.0	9.000	On	L1	19.5	22.4	56.0
3.210000	19.2	2000.0	9.000	On	N	19.7	36.8	56.0
3.874000	24.6	2000.0	9.000	On	N	19.7	31.4	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	29.0	2000.0	9.000	On	L1	20.0	25.2	54.2
0.606000	30.5	2000.0	9.000	On	L1	19.7	15.5	46.0
1.142000	27.9	2000.0	9.000	On	L1	19.5	18.1	46.0
1.334000	24.9	2000.0	9.000	On	L1	19.5	21.1	46.0
3.074000	26.4	2000.0	9.000	On	L1	19.5	19.6	46.0
3.866000	21.8	2000.0	9.000	On	L1	19.5	24.2	46.0

Note2: The measurement results showed here are worst cases .

Idle:

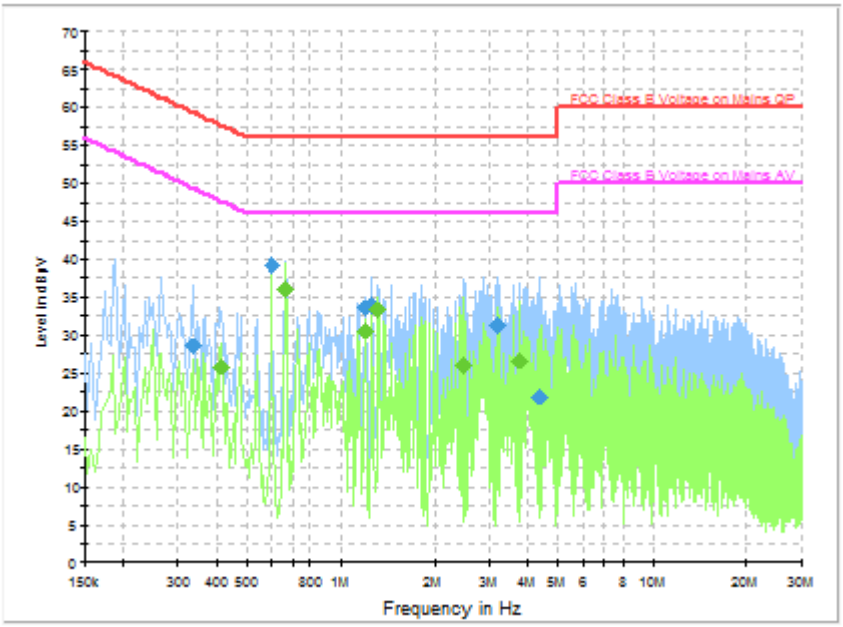

Fig. 59 Conducted Emission(802.11a, IDLE)

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.334000	28.6	2000.0	9.000	On	N	19.9	30.7	59.4
0.598000	39.2	2000.0	9.000	On	L1	19.8	16.8	56.0
1.198000	33.5	2000.0	9.000	On	L1	19.5	22.5	56.0
1.262000	34.1	2000.0	9.000	On	N	19.8	21.9	56.0
3.178000	31.1	2000.0	9.000	On	L1	19.5	24.9	56.0
4.322000	21.9	2000.0	9.000	On	N	19.7	34.1	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.414000	25.8	2000.0	9.000	On	L1	19.9	21.8	47.6
0.662000	36.0	2000.0	9.000	On	L1	19.7	10.0	46.0
1.198000	30.5	2000.0	9.000	On	L1	19.5	15.5	46.0
1.322000	33.3	2000.0	9.000	On	L1	19.5	12.7	46.0
2.458000	26.1	2000.0	9.000	On	L1	19.5	19.9	46.0
3.770000	26.7	2000.0	9.000	On	L1	19.5	19.3	46.0

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% ofthe total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

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

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz

Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.60	18.00	P
	5200 MHz	Fig.61	18.12	P
	5240 MHz	Fig.62	17.88	P
802.11n HT20	5180 MHz	Fig.63	18.64	P
	5200 MHz	Fig.64	18.72	P
	5240 MHz	Fig.65	18.56	P
802.11n HT40	5190 MHz	Fig.66	36.64	P
	5230 MHz	Fig.67	36.56	P
802.11ac HT80	5210 MHz	Fig.68	75.84	P

Conclusion: PASS

Test graphs as below:

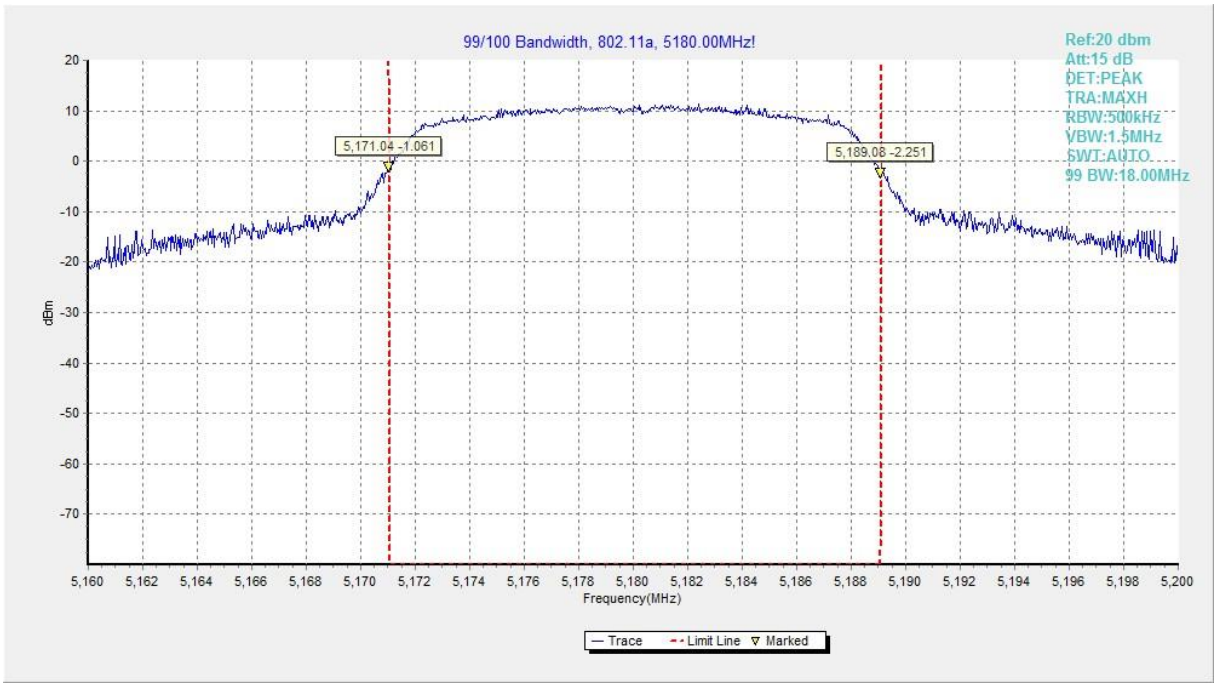

Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

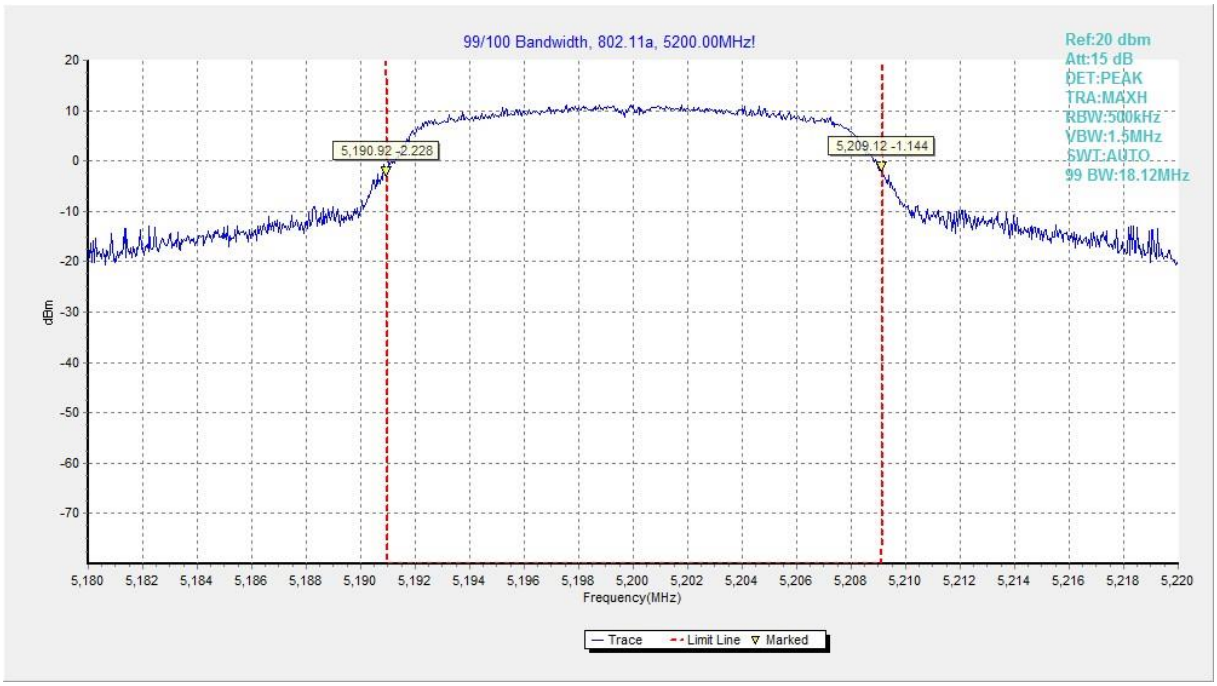

Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

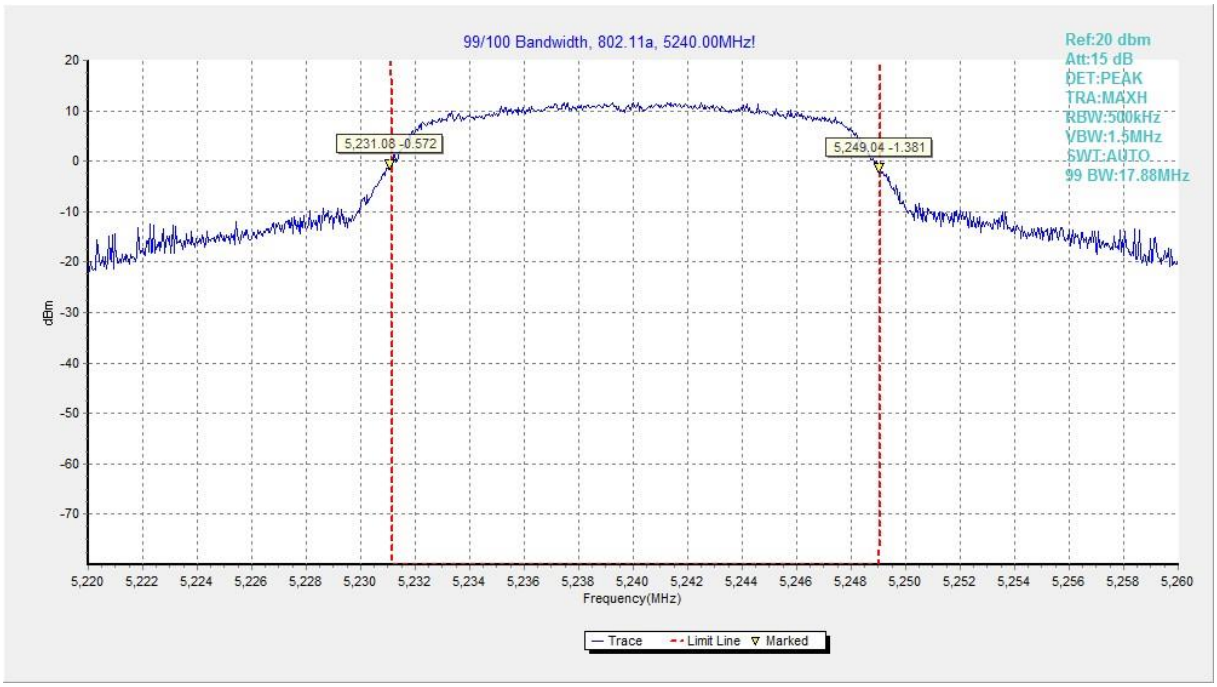

Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

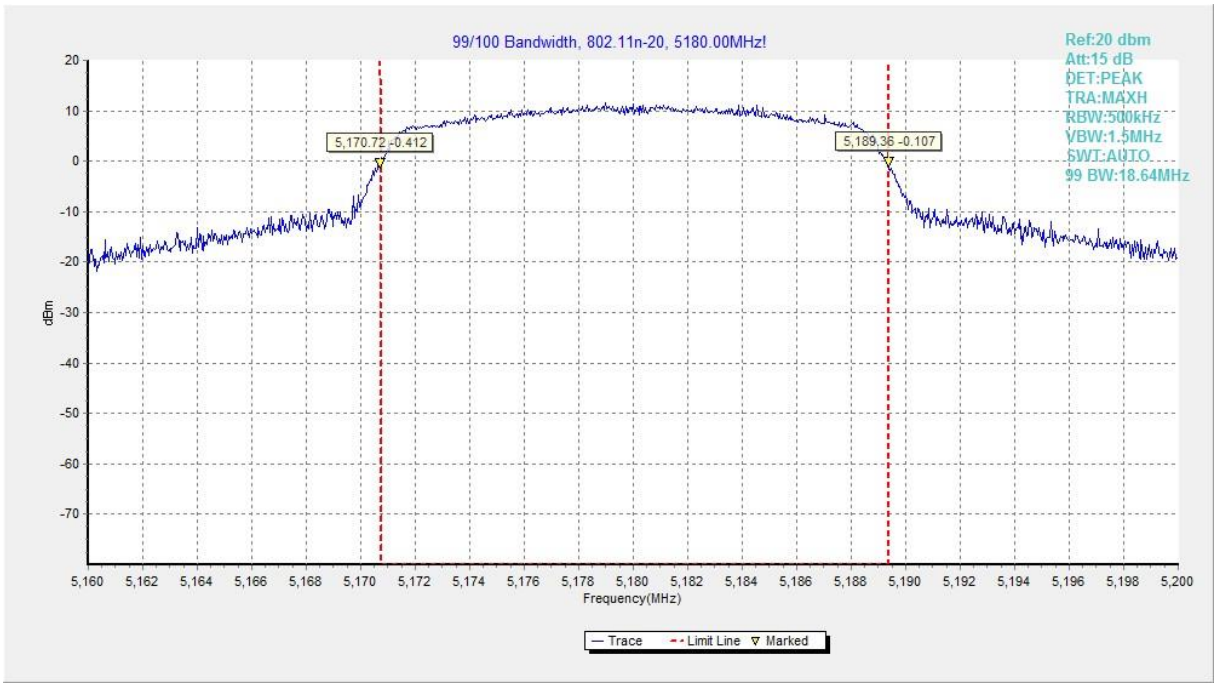

Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

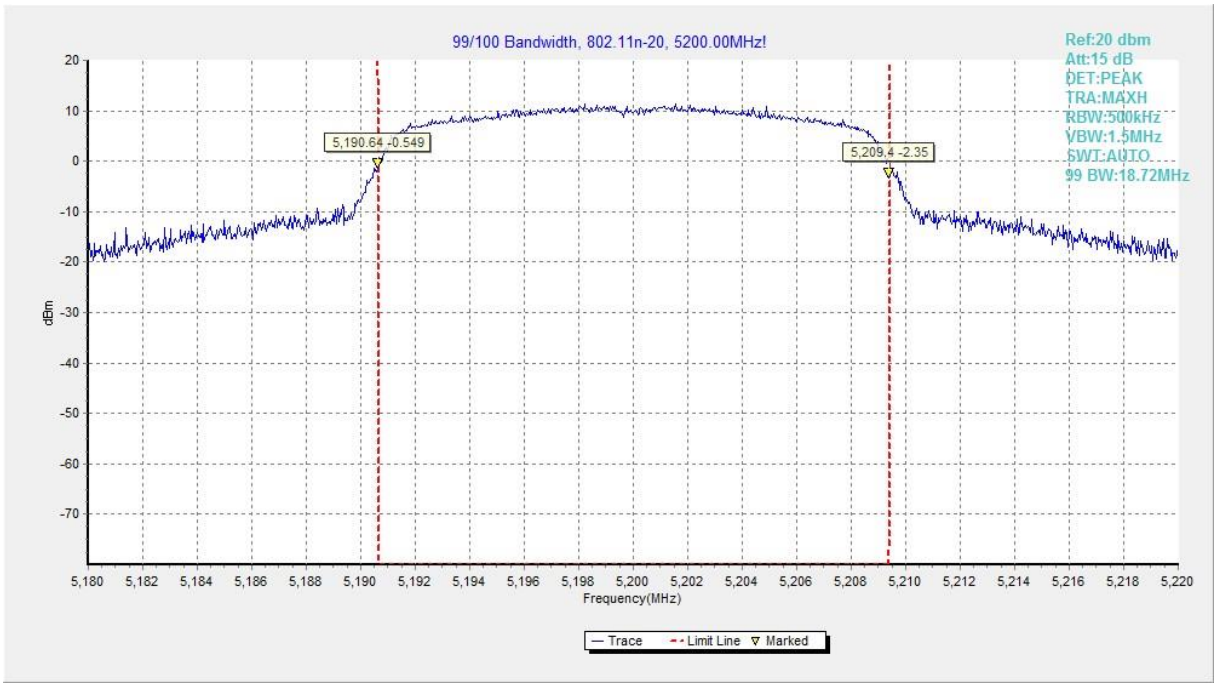

Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

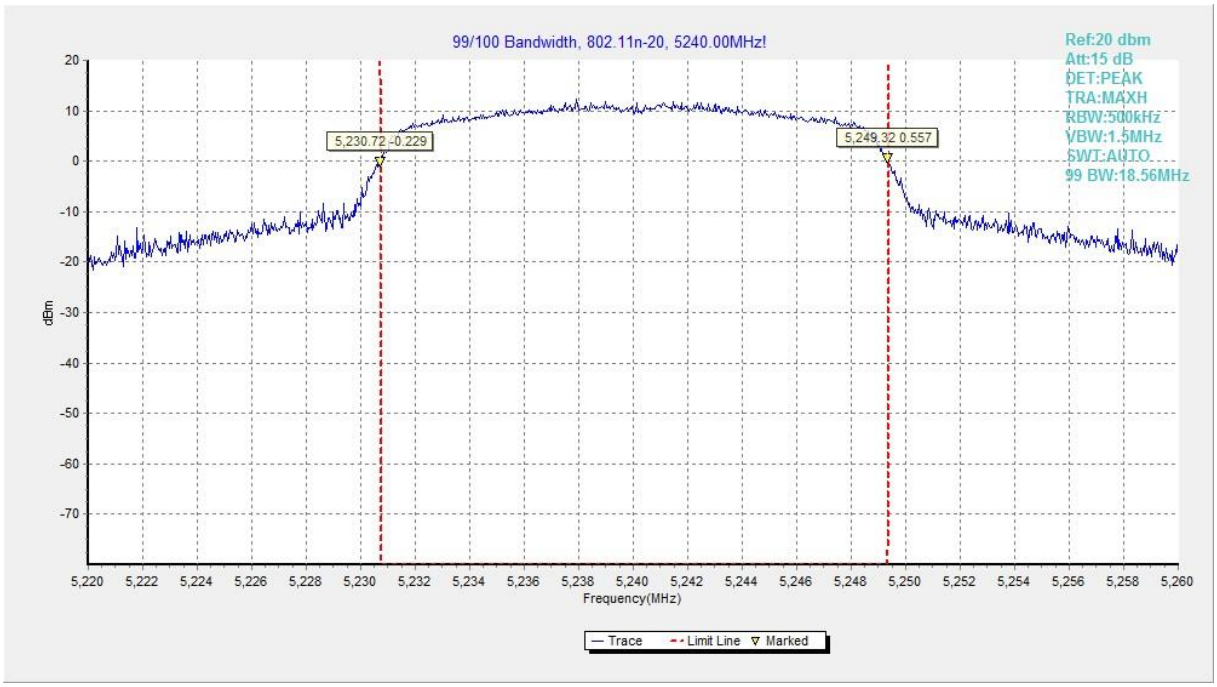

Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

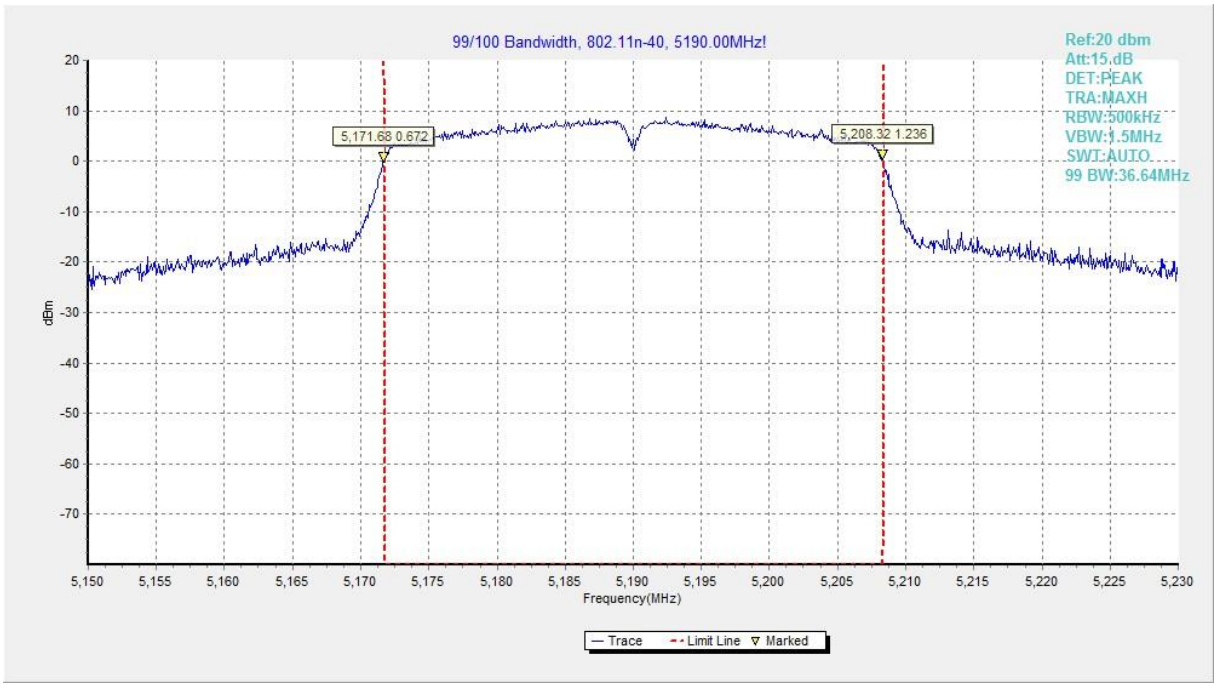

Fig.66 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

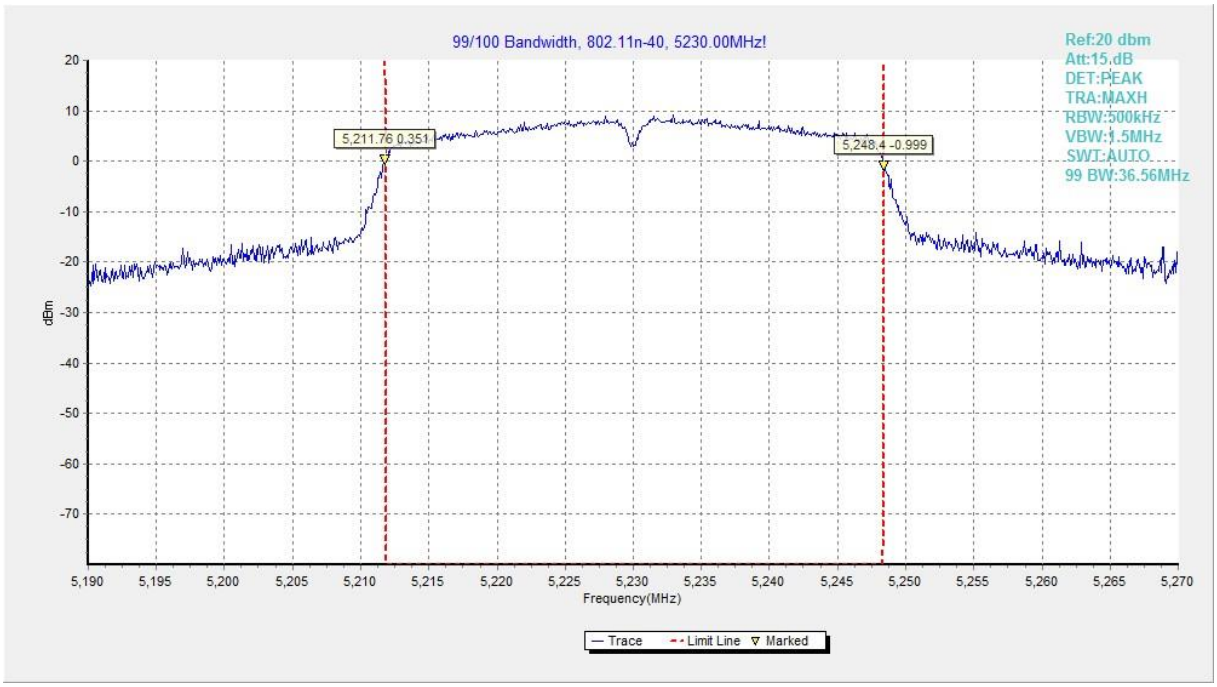

Fig.67 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

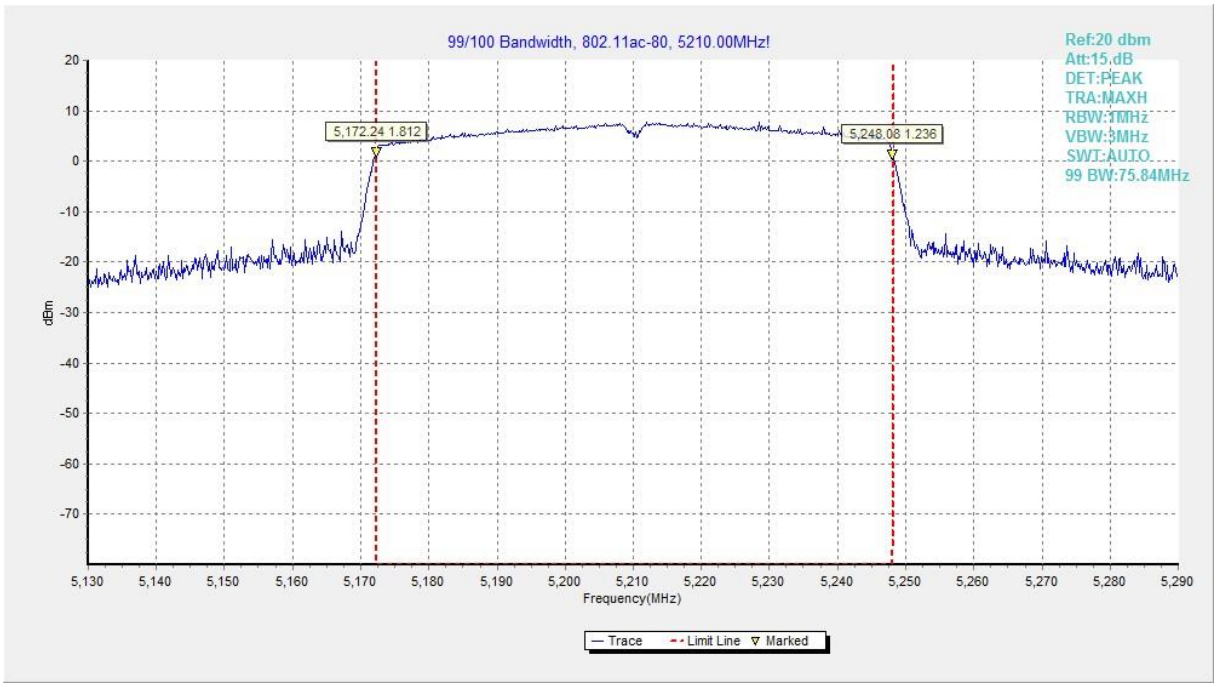

Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

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

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ilac-MRA

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 Communique dated January 2009).

2021-09-29 through 2022-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

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