

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)
5141.200	40.42	-25.67	34.25	31.84	54.00	13.58	V
5353.200	40.33	-25.76	34.46	31.63	54.00	13.67	V
11959.900	34.48	-31.64	38.75	27.37	54.00	19.52	H
15719.700	35.86	-28.48	40.31	24.03	54.00	18.14	H
17858.100	38.19	-26.33	41.19	23.33	54.00	15.81	V
17962.600	38.30	-26.09	41.27	23.11	54.00	15.70	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)
5142.600	40.31	-25.68	34.25	31.75	54.00	13.69	V
5356.000	40.47	-25.76	34.46	31.76	54.00	13.53	V
12445.000	34.48	-31.13	38.89	26.72	54.00	19.52	H
15780.200	35.83	-28.38	40.40	23.82	54.00	18.17	V
17761.300	37.77	-26.50	41.11	23.16	54.00	16.23	H
17853.700	38.20	-26.34	41.18	23.35	54.00	15.80	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)
5139.600	40.21	-25.67	34.24	31.63	54.00	13.79	V
5357.400	40.93	-25.75	34.46	32.22	54.00	13.07	V
12445.000	34.42	-31.13	38.89	26.66	54.00	19.58	H
15839.600	36.65	-28.18	40.48	24.35	54.00	17.35	V
17860.300	38.24	-26.32	41.19	23.38	54.00	15.76	V
17953.800	38.32	-26.11	41.26	23.16	54.00	15.68	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)
5350.200	42.08	-25.76	34.46	33.38	54.00	11.92	V
5351.200	41.90	-25.76	34.46	33.20	54.00	12.10	V
10639.900	35.56	-33.30	37.59	31.28	54.00	18.44	H
15959.500	36.73	-27.65	40.64	23.74	54.00	17.27	V
17849.300	38.11	-26.35	41.18	23.28	54.00	15.89	V
17948.300	38.23	-26.12	41.26	23.09	54.00	15.77	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5447.400	41.50	-25.40	34.55	32.35	54.00	12.50	V
5451.600	41.69	-25.37	34.55	32.51	54.00	12.31	V
10999.050	35.82	-32.68	37.80	30.70	54.00	18.18	V
17867.450	38.43	-26.31	41.20	23.54	54.00	15.57	H
17959.350	38.54	-26.09	41.27	23.36	54.00	15.46	V
17852.060	38.43	-26.34	41.18	23.59	54.00	15.57	V

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)
5436.600	40.33	-25.47	34.54	31.26	54.00	13.67	V
5455.800	40.42	-25.35	34.56	31.21	54.00	13.58	V
11200.000	35.76	-32.08	37.96	29.88	54.00	18.24	H
17854.800	38.42	-26.34	41.18	23.58	54.00	15.58	H
17955.450	38.53	-26.10	41.26	23.37	54.00	15.47	V
17883.460	38.35	-26.27	41.21	23.41	54.00	15.65	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)
5425.200	40.14	-25.54	34.53	31.16	54.00	13.86	V
5454.800	40.20	-25.36	34.56	31.00	54.00	13.80	V
11400.000	35.13	-32.34	38.12	29.35	54.00	18.87	V
17879.000	38.44	-26.28	41.20	23.51	54.00	15.56	H
17968.150	38.54	-26.07	41.27	23.33	54.00	15.46	H
17949.480	38.57	-26.12	41.26	23.43	54.00	15.43	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)
5454.400	39.92	-25.36	34.56	30.73	54.00	14.08	V
5458.800	39.88	-25.34	34.56	30.65	54.00	14.12	V
11440.000	33.40	-32.43	38.15	27.67	54.00	20.60	V
15945.600	36.97	-27.71	40.62	24.06	54.00	17.03	V
17748.800	37.71	-26.52	41.10	23.13	54.00	16.29	H
17859.200	38.13	-26.32	41.19	23.27	54.00	15.87	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)
5149.600	45.18	-25.70	34.25	36.63	54.00	8.82	V
5149.800	45.25	-25.70	34.25	36.70	54.00	8.75	V
12438.400	34.47	-31.15	38.89	26.73	54.00	19.53	H
15570.100	35.46	-28.78	40.10	24.13	54.00	18.54	V
17854.800	38.19	-26.34	41.18	23.34	54.00	15.81	H
17957.100	38.33	-26.10	41.27	23.16	54.00	15.67	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)
5147.000	40.38	-25.69	34.25	31.82	54.00	13.62	V
5353.400	40.41	-25.76	34.46	31.71	54.00	13.59	V
12447.200	34.48	-31.12	38.89	26.72	54.00	19.52	V
15690.000	35.74	-28.53	40.27	24.00	54.00	18.26	V
17855.900	38.20	-26.33	41.19	23.35	54.00	15.80	V
17952.700	38.33	-26.11	41.26	23.17	54.00	15.67	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)
5145.000	40.12	-25.69	34.25	31.56	54.00	13.88	V
5350.400	40.88	-25.76	34.46	32.18	54.00	13.12	V
12448.300	34.45	-31.13	38.89	26.68	54.00	19.55	H
15809.900	35.96	-28.32	40.44	23.84	54.00	18.04	H
17858.100	38.20	-26.33	41.19	23.34	54.00	15.80	H
17953.800	38.35	-26.11	41.26	23.19	54.00	15.65	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)
5350.400	44.58	-25.76	34.46	35.89	54.00	9.42	V
5351.400	44.20	-25.76	34.46	35.50	54.00	9.80	V
10617.900	32.88	-33.33	37.57	28.63	54.00	21.12	V
15929.800	36.88	-27.78	40.60	24.06	54.00	17.12	H
17859.200	38.16	-26.32	41.19	23.30	54.00	15.84	H
17970.300	38.32	-26.07	41.28	23.11	54.00	15.68	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)
5459.000	41.96	-25.33	34.56	32.74	54.00	12.04	V
5459.600	41.95	-25.33	34.56	32.72	54.00	12.05	V
11022.150	34.74	-32.61	37.82	29.54	54.00	19.26	V
17857.650	38.20	-26.33	41.19	23.34	54.00	15.80	H
17863.240	38.16	-26.32	41.19	23.28	54.00	15.84	H
17948.840	38.37	-26.12	41.26	23.22	54.00	15.63	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)
5453.600	40.58	-25.36	34.56	31.38	54.00	13.42	V
5458.200	40.56	-25.34	34.56	31.34	54.00	13.44	V
11800.000	33.84	-31.97	38.56	27.25	54.00	20.16	V
17881.600	38.15	-26.27	41.21	23.22	54.00	15.85	H
17872.360	38.15	-26.29	41.20	23.25	54.00	15.85	H
17957.650	38.34	-26.10	41.27	23.17	54.00	15.66	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)
5458.800	40.31	-25.34	34.56	31.09	54.00	13.69	V
5461.600	40.26	-25.32	34.56	31.02	54.00	13.74	V
11340.000	33.45	-32.19	38.07	27.57	54.00	20.55	H
15942.400	37.09	-27.73	40.62	24.19	54.00	16.91	H
17744.800	37.87	-26.52	41.10	23.30	54.00	16.13	H
17860.800	38.20	-26.32	41.19	23.33	54.00	15.80	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)
5452.800	39.95	-25.37	34.55	30.76	54.00	14.05	V
5459.600	40.01	-25.33	34.56	30.78	54.00	13.99	V
11420.000	33.50	-32.38	38.14	27.75	54.00	20.50	H
15941.600	37.02	-27.73	40.62	24.13	54.00	16.98	V
17750.400	37.81	-26.52	41.10	23.23	54.00	16.19	H
17860.800	38.20	-26.32	41.19	23.33	54.00	15.80	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)
5149.000	41.20	-25.70	34.25	32.65	54.00	12.80	V
5149.600	41.12	-25.70	34.25	32.56	54.00	12.88	V
11952.200	34.54	-31.66	38.74	27.46	54.00	19.46	H
15540.400	35.81	-28.84	40.06	24.59	54.00	18.19	H
17862.500	38.19	-26.32	41.19	23.32	54.00	15.81	V
17953.800	38.34	-26.11	41.26	23.19	54.00	15.66	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)
5143.000	40.67	-25.68	34.25	32.11	54.00	13.33	V
5351.800	40.25	-25.76	34.46	31.55	54.00	13.75	V
11953.300	34.60	-31.65	38.75	27.51	54.00	19.40	V
15599.800	35.67	-28.71	40.14	24.24	54.00	18.33	H
17855.900	38.24	-26.33	41.19	23.39	54.00	15.76	H
17956.000	38.24	-26.10	41.27	23.08	54.00	15.76	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5142.400	40.39	-25.68	34.25	31.82	54.00	13.61	V
5351.800	40.44	-25.76	34.46	31.75	54.00	13.56	V
11952.200	34.55	-31.66	38.74	27.46	54.00	19.45	H
15719.700	35.92	-28.48	40.31	24.09	54.00	18.08	H
17850.400	38.23	-26.35	41.18	23.39	54.00	15.77	V
17934.000	38.12	-26.15	41.25	23.02	54.00	15.88	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)
5358.400	40.76	-25.75	34.46	32.06	54.00	13.24	V
5367.000	40.60	-25.75	34.47	31.88	54.00	13.40	V
12445.000	34.49	-31.13	38.89	26.72	54.00	19.51	H
15780.200	35.80	-28.38	40.40	23.79	54.00	18.20	H
17854.800	38.15	-26.34	41.18	23.30	54.00	15.85	H
17953.800	38.34	-26.11	41.26	23.18	54.00	15.66	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)
5353.200	41.11	-25.76	34.46	32.41	54.00	12.89	V
5358.600	41.08	-25.75	34.46	32.37	54.00	12.92	V
11954.400	34.47	-31.65	38.75	27.37	54.00	19.53	V
15839.600	36.53	-28.18	40.48	24.24	54.00	17.47	V
17852.600	38.14	-26.34	41.18	23.30	54.00	15.86	V
17971.400	38.29	-26.06	41.28	23.08	54.00	15.71	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)
5351.800	41.99	-25.76	34.46	33.29	54.00	12.01	V
5356.800	41.84	-25.76	34.46	33.14	54.00	12.16	V
10641.000	34.62	-33.30	37.59	30.34	54.00	19.38	V
15959.500	36.77	-27.65	40.64	23.78	54.00	17.23	V
17862.500	38.16	-26.32	41.19	23.29	54.00	15.84	H
17959.300	38.36	-26.09	41.27	23.18	54.00	15.64	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5429.600	40.98	-25.51	34.53	31.96	54.00	13.02	V
5440.000	41.23	-25.45	34.54	32.13	54.00	12.77	V
11000.000	36.45	-32.68	37.80	31.33	54.00	17.55	H
15945.600	37.20	-27.71	40.62	24.29	54.00	16.80	V
17855.000	38.33	-26.33	41.19	23.48	54.00	15.67	V
17956.850	38.43	-26.10	41.27	23.26	54.00	15.57	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)
5442.400	40.40	-25.43	34.54	31.28	54.00	13.60	V
5456.800	40.55	-25.35	34.56	31.33	54.00	13.45	V
11200.350	36.23	-32.08	37.96	30.35	54.00	17.77	V
15949.240	37.12	-27.70	40.63	24.19	54.00	16.88	H
17845.750	38.43	-26.36	41.18	23.61	54.00	15.57	H
17962.500	38.43	-26.09	41.27	23.25	54.00	15.57	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)
5444.200	40.32	-25.42	34.55	31.20	54.00	13.68	V
5457.000	40.35	-25.35	34.56	31.14	54.00	13.65	V
11400.000	34.51	-32.34	38.12	28.72	54.00	19.49	H
16015.350	37.76	-27.82	40.72	24.87	54.00	16.24	H
17960.250	38.23	-26.09	41.27	23.05	54.00	15.77	H
17848.500	38.31	-26.35	41.18	23.48	54.00	15.69	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)
5456.400	39.94	-25.35	34.56	30.73	54.00	14.06	V
5458.400	39.90	-25.34	34.56	30.68	54.00	14.10	V
11440.000	33.44	-32.43	38.15	27.72	54.00	20.56	V
15942.400	36.98	-27.73	40.62	24.08	54.00	17.02	V
17850.400	38.15	-26.35	41.18	23.32	54.00	15.85	H
17956.000	38.35	-26.10	41.27	23.18	54.00	15.65	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)
5149.800	45.15	-25.70	34.25	36.59	54.00	8.85	V
5150.000	45.21	-25.70	34.26	36.65	54.00	8.79	V
12439.500	34.54	-31.14	38.89	26.79	54.00	19.46	H
15570.100	35.24	-28.78	40.10	23.92	54.00	18.76	H
17860.300	38.19	-26.32	41.19	23.32	54.00	15.81	V
17957.100	38.33	-26.10	41.27	23.16	54.00	15.67	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)
5147.600	40.26	-25.69	34.25	31.70	54.00	13.74	V
5352.400	40.49	-25.76	34.46	31.80	54.00	13.51	V
12442.800	34.50	-31.13	38.89	26.75	54.00	19.50	H
15690.000	35.47	-28.53	40.27	23.73	54.00	18.53	V
17855.900	38.12	-26.33	41.19	23.27	54.00	15.88	V
17912.000	37.98	-26.20	41.23	22.95	54.00	16.02	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)
5144.400	40.15	-25.68	34.25	31.58	54.00	13.85	V
5372.200	40.70	-25.75	34.48	31.97	54.00	13.30	V
12445.000	34.53	-31.13	38.89	26.77	54.00	19.47	V
15809.900	35.90	-28.32	40.44	23.77	54.00	18.10	H
17860.300	38.20	-26.32	41.19	23.33	54.00	15.80	H
17952.700	38.29	-26.11	41.26	23.13	54.00	15.71	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)
5359.800	42.03	-25.75	34.46	33.32	54.00	11.97	V
5365.600	41.56	-25.75	34.47	32.84	54.00	12.44	V
10615.700	33.16	-33.33	37.57	28.92	54.00	20.84	H
15929.800	36.94	-27.78	40.60	24.12	54.00	17.06	V
17857.000	38.21	-26.33	41.19	23.35	54.00	15.79	H
17954.900	38.36	-26.10	41.26	23.20	54.00	15.64	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)
5459.600	42.31	-25.33	34.56	33.08	54.00	11.69	V
5460.000	42.49	-25.33	34.56	33.26	54.00	11.51	V
11019.200	34.11	-32.62	37.82	28.92	54.00	19.89	H
15944.800	37.13	-27.72	40.62	24.22	54.00	16.87	V
17850.400	38.10	-26.35	41.18	23.26	54.00	15.90	V
17877.600	38.17	-26.28	41.20	23.25	54.00	15.83	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)
5453.200	40.48	-25.37	34.56	31.29	54.00	13.52	V
5458.400	40.47	-25.34	34.56	31.25	54.00	13.53	V
11178.400	34.31	-32.10	37.94	28.47	54.00	19.69	V
15948.000	37.08	-27.70	40.63	24.15	54.00	16.92	V
17764.800	37.90	-26.50	41.11	23.29	54.00	16.10	H
17856.800	38.21	-26.33	41.19	23.36	54.00	15.79	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)
5453.200	40.35	-25.37	34.56	31.16	54.00	13.65	V
5458.200	40.42	-25.34	34.56	31.20	54.00	13.58	V
11340.000	33.39	-32.19	38.07	27.51	54.00	20.61	H
15938.400	37.02	-27.75	40.61	24.15	54.00	16.98	H
17852.800	38.22	-26.34	41.18	23.38	54.00	15.78	V
17916.800	38.11	-26.19	41.23	23.06	54.00	15.89	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)
5453.400	39.90	-25.36	34.56	30.71	54.00	14.10	V
5457.200	39.97	-25.34	34.56	30.76	54.00	14.03	V
11420.000	33.36	-32.38	38.14	27.61	54.00	20.64	V
15943.200	37.02	-27.72	40.62	24.12	54.00	16.98	H
17855.200	38.21	-26.33	41.19	23.35	54.00	15.79	H
17956.800	38.23	-26.10	41.27	23.06	54.00	15.77	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)
5084.600	40.30	-25.50	34.19	31.61	54.00	13.70	V
5097.400	40.37	-25.54	34.20	31.71	54.00	13.63	V
12447.200	34.31	-31.12	38.89	26.54	54.00	19.69	H
15629.500	35.64	-28.64	40.18	24.10	54.00	18.36	V
17750.300	37.74	-26.52	41.10	23.16	54.00	16.26	V
17847.100	37.98	-26.35	41.18	23.16	54.00	16.02	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)
5391.000	42.90	-25.74	34.49	34.14	54.00	11.10	V
5398.800	41.78	-25.72	34.50	33.00	54.00	12.22	V
11962.100	34.42	-31.63	38.76	27.30	54.00	19.58	V
15870.400	36.24	-28.05	40.52	23.77	54.00	17.76	V
17855.900	38.20	-26.33	41.19	23.35	54.00	15.80	H
17957.100	38.35	-26.10	41.27	23.19	54.00	15.65	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)
5458.200	46.05	-25.34	34.56	36.83	54.00	7.95	V
5459.200	46.09	-25.33	34.56	36.86	54.00	7.91	V
11060.000	33.45	-32.49	37.85	28.09	54.00	20.55	H
15948.000	37.15	-27.70	40.63	24.22	54.00	16.85	V
17850.400	38.16	-26.35	41.18	23.33	54.00	15.84	H
17954.400	38.29	-26.10	41.26	23.13	54.00	15.71	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)
5452.800	40.65	-25.37	34.55	31.46	54.00	13.35	V
5457.600	40.52	-25.34	34.56	31.30	54.00	13.48	V
11220.000	33.17	-32.06	37.98	27.26	54.00	20.83	V
15946.400	37.03	-27.71	40.63	24.12	54.00	16.97	H
17852.800	38.07	-26.34	41.18	23.23	54.00	15.93	H
17953.600	38.21	-26.11	41.26	23.05	54.00	15.79	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)
5454.200	39.85	-25.36	34.56	30.65	54.00	14.15	V
5458.400	39.99	-25.34	34.56	30.76	54.00	14.01	V
11380.000	33.50	-32.29	38.11	27.69	54.00	20.50	H
15945.600	37.09	-27.71	40.62	24.18	54.00	16.91	V
17861.600	38.19	-26.32	41.19	23.31	54.00	15.81	V
17957.600	38.22	-26.10	41.27	23.05	54.00	15.78	H

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)
5148.663	60.64	-25.70	34.25	52.08	74.00	13.36	V
5149.520	61.05	-25.70	34.25	52.49	74.00	12.95	V
10359.950	46.14	-33.07	37.44	41.77	68.30	22.16	H
15539.850	46.97	-28.84	40.06	35.75	74.00	27.03	H
16323.600	51.71	-27.53	41.03	38.21	68.30	16.59	V
17403.250	51.76	-26.80	41.05	37.50	68.30	16.54	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)
5145.860	54.93	-25.69	34.25	46.37	68.30	13.37	V
5248.600	56.52	-25.76	34.35	47.92	68.30	11.78	V
10400.100	46.22	-33.17	37.46	41.93	68.30	22.08	H
15599.800	47.68	-28.71	40.14	36.25	74.00	26.32	V
16765.250	51.72	-27.34	41.47	37.59	68.30	16.58	V
17046.850	52.03	-27.02	41.62	37.43	68.30	16.27	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5200.400	57.53	-25.78	34.31	49.01	68.30	10.77	V
5288.200	57.13	-25.80	34.39	48.54	68.30	11.17	V
10479.850	47.43	-33.11	37.49	43.06	68.30	20.87	V
15720.250	47.73	-28.48	40.31	35.89	74.00	26.27	V
16819.150	52.43	-27.28	41.52	38.18	68.30	15.87	V
17042.450	52.24	-27.03	41.63	37.64	68.30	16.06	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)
5221.200	56.37	-25.76	34.33	47.81	68.30	11.93	V
5302.400	59.40	-25.79	34.41	50.78	68.30	8.90	V
10519.450	48.10	-33.11	37.51	43.69	68.30	20.20	V
15780.200	48.20	-28.38	40.40	36.19	74.00	25.80	H
17074.900	52.98	-26.99	41.58	38.39	68.30	15.32	H
17489.600	52.05	-26.74	40.92	37.87	68.30	16.25	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)
5243.200	58.65	-25.75	34.35	50.05	68.30	9.65	V
5325.000	58.67	-25.78	34.43	50.02	68.30	9.63	V
10559.600	47.63	-33.20	37.54	43.29	68.30	20.67	H
15840.150	48.82	-28.18	40.48	36.52	74.00	25.18	H
17304.800	51.88	-26.88	41.21	37.54	68.30	16.42	H
17650.750	51.93	-26.65	41.02	37.55	68.30	16.37	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)
5350.367	65.88	-25.76	34.46	57.18	74.00	8.12	V
5351.150	68.68	-25.76	34.46	59.98	74.00	5.32	V
10641.550	48.82	-33.30	37.59	44.53	74.00	25.18	V
15960.050	48.73	-27.65	40.64	35.73	74.00	25.27	V
17052.350	51.66	-27.02	41.62	37.06	68.30	16.64	H
17168.400	51.91	-26.93	41.43	37.42	68.30	16.39	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)
5458.203	66.68	-25.34	34.56	57.46	74.00	7.32	V
5459.012	64.94	-25.33	34.56	55.71	74.00	9.06	V
11000.150	49.16	-32.68	37.80	44.04	68.30	19.14	H
16500.000	50.56	-27.61	41.20	36.98	68.30	17.74	H
16941.800	51.88	-27.14	41.64	37.37	68.30	16.42	H
16673.450	52.26	-27.49	41.38	38.38	68.30	16.04	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)
5539.600	54.83	-25.13	34.64	45.32	68.30	13.47	V
5664.700	55.66	-24.74	34.77	45.63	68.30	12.64	V
11200.000	48.40	-32.08	37.96	42.52	68.30	19.90	H
16800.000	50.13	-27.30	41.50	35.93	68.30	18.17	H
17108.450	51.81	-26.96	41.52	37.25	68.30	16.49	H
16813.680	52.52	-27.28	41.52	38.28	68.30	15.78	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)
5725.087	65.28	-24.80	34.83	55.25	68.30	3.02	V
5725.538	63.98	-24.80	34.83	53.95	68.30	4.32	V
11400.000	49.10	-32.34	38.12	43.32	68.30	19.20	H
16616.200	51.64	-27.59	41.32	37.91	68.30	16.66	V
17032.560	52.39	-27.04	41.65	37.78	68.30	15.91	V
17073.890	52.16	-26.99	41.58	37.57	68.30	16.14	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)
5668.800	56.39	-24.74	34.77	46.35	68.30	11.91	V
5768.600	57.08	-24.75	34.87	46.96	68.30	11.22	V
11440.015	45.52	-32.43	38.15	39.80	74.00	28.48	V
17160.150	49.67	-26.93	41.44	35.16	68.30	18.63	H
17371.900	50.99	-26.82	41.10	36.71	68.30	17.31	H
17674.950	51.93	-26.61	41.04	37.50	68.30	16.37	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)
5148.943	58.45	-25.70	34.25	49.90	74.00	15.55	V
5149.590	58.20	-25.70	34.25	49.65	74.00	15.80	V
10359.950	44.98	-33.07	37.44	40.61	68.30	23.32	V
15539.850	47.71	-28.84	40.06	36.50	74.00	26.29	V
16960.500	52.30	-27.12	41.66	37.75	68.30	16.00	V
17252.550	51.92	-26.90	41.29	37.53	68.30	16.38	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)
5157.800	58.15	-25.72	34.26	49.61	68.30	10.15	V
5242.200	58.36	-25.75	34.35	49.76	68.30	9.94	V
10400.100	46.17	-33.17	37.46	41.89	68.30	22.12	H
15599.800	47.45	-28.71	40.14	36.02	74.00	26.55	V
16961.600	52.53	-27.12	41.66	37.98	68.30	15.77	H
17325.150	51.56	-26.86	41.18	37.24	68.30	16.74	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)
5204.400	58.17	-25.78	34.31	49.64	68.30	10.13	V
5277.600	58.51	-25.79	34.38	49.92	68.30	9.79	V
10479.850	45.22	-33.11	37.49	40.85	68.30	23.08	V
15720.250	48.84	-28.48	40.31	37.01	74.00	25.16	H
16416.000	51.45	-27.60	41.12	37.93	68.30	16.85	H
17046.850	51.99	-27.02	41.62	37.39	68.30	16.31	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5212.400	55.17	-25.77	34.32	46.62	68.30	13.13	V
5312.200	55.40	-25.79	34.42	46.77	68.30	12.90	V
10519.450	47.11	-33.11	37.51	42.70	68.30	21.19	H
15780.200	49.07	-28.38	40.40	37.05	74.00	24.93	V
17332.300	52.47	-26.85	41.17	38.16	68.30	15.83	V
17663.950	51.97	-26.63	41.03	37.57	68.30	16.33	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)
5237.200	57.42	-25.74	34.34	48.82	68.30	10.88	V
5332.000	56.76	-25.77	34.44	48.09	68.30	11.54	V
10562.900	47.81	-33.21	37.54	43.48	68.30	20.49	H
15840.150	48.73	-28.18	40.48	36.44	74.00	25.27	V
16682.750	51.40	-27.48	41.38	37.49	68.30	16.90	H
17071.050	52.34	-27.00	41.58	37.75	68.30	15.96	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)
5350.285	66.65	-25.76	34.46	57.95	74.00	7.35	V
5351.555	67.18	-25.76	34.46	58.48	74.00	6.82	V
10641.550	49.62	-33.30	37.59	45.34	74.00	24.38	H
15960.050	49.59	-27.65	40.64	36.60	74.00	24.41	V
16469.350	51.09	-27.62	41.17	37.54	68.30	17.21	V
17010.000	51.45	-27.06	41.68	36.83	68.30	16.84	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)
5456.358	63.65	-25.35	34.56	54.44	74.00	10.35	V
5459.875	66.06	-25.33	34.56	56.82	74.00	7.94	V
11000.150	48.03	-32.68	37.80	42.91	68.30	20.27	V
16500.000	50.46	-27.61	41.20	36.87	68.30	17.84	V
16941.800	51.59	-27.14	41.64	37.08	68.30	16.71	V
16673.450	52.33	-27.49	41.38	38.44	68.30	15.97	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)
5535.600	54.96	-25.13	34.64	45.46	68.30	13.34	V
5691.600	55.96	-24.76	34.80	45.92	68.30	12.34	V
11200.000	47.68	-32.08	37.96	41.80	68.30	20.62	H
16800.000	50.31	-27.30	41.50	36.11	68.30	17.99	V
17108.450	51.68	-26.96	41.52	37.11	68.30	16.62	V
16813.680	52.35	-27.28	41.52	38.12	68.30	15.95	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)
5725.475	65.07	-24.8	34.83	55.04	68.3	3.23	V
5729.163	62.21	-24.8	34.83	52.18	68.3	6.09	V
11400.000	49.10	-32.34	38.12	43.32	68.30	19.20	V
16616.200	51.46	-27.59	41.32	37.73	68.30	16.84	V
17032.560	52.44	-27.04	41.65	37.83	68.30	15.86	V
17073.890	52.32	-26.99	41.58	37.73	68.30	15.98	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)
5672.400	56.85	-24.73	34.78	46.80	68.30	11.45	V
5769.600	57.93	-24.75	34.87	47.80	68.30	10.37	V
11440.150	44.57	-32.43	38.15	38.85	74.00	29.43	H
17160.150	49.19	-26.93	41.44	34.68	68.30	19.11	V
17427.450	51.62	-26.78	41.01	37.38	68.30	16.68	H
17639.200	51.74	-26.66	41.01	37.38	68.30	16.56	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)
5149.030	68.24	-25.70	34.25	59.68	74.00	5.76	V
5149.600	66.38	-25.70	34.25	57.82	74.00	7.62	V
10379.750	45.20	-33.12	37.45	40.87	68.30	23.10	V
15570.100	47.87	-28.78	40.10	36.54	74.00	26.13	H
17041.350	52.45	-27.03	41.63	37.85	68.30	15.85	H
17157.950	52.62	-26.93	41.44	38.11	68.30	15.68	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)
5179.800	58.81	-25.78	34.29	50.30	68.30	9.49	V
5289.200	57.22	-25.80	34.39	48.63	68.30	11.08	V
10460.050	47.33	-33.13	37.48	42.98	68.30	20.97	V
15690.000	47.50	-28.53	40.27	35.76	74.00	26.50	V
17058.400	51.91	-27.01	41.61	37.32	68.30	16.39	H
17357.600	51.81	-26.83	41.13	37.51	68.30	16.49	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)
5221.800	58.46	-25.76	34.33	49.89	68.30	9.84	V
5330.800	58.61	-25.77	34.44	49.94	68.30	9.69	V
10539.800	46.24	-33.15	37.52	41.87	68.30	22.06	H
15809.900	47.35	-28.32	40.44	35.23	74.00	26.65	V
16978.650	51.65	-27.10	41.68	37.07	68.30	16.65	H
17501.150	51.43	-26.73	40.90	37.26	68.30	16.87	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)
5350.326	66.90	-25.76	34.46	58.21	74.00	7.10	V
5350.961	67.52	-25.76	34.46	58.82	74.00	6.48	V
10619.000	46.39	-33.33	37.57	42.15	74.00	27.61	V
15929.800	48.82	-27.78	40.60	36.00	74.00	25.18	H
17029.250	52.02	-27.04	41.65	37.41	68.30	16.28	H
17689.250	51.92	-26.60	41.05	37.46	68.30	16.38	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)
5459.350	60.02	-25.33	34.56	50.79	74.00	13.98	V
5459.627	60.25	-25.33	34.56	51.02	74.00	13.75	V
11006.750	47.04	-32.66	37.81	41.90	68.30	21.26	H
16568.900	52.02	-27.60	41.27	38.36	68.30	16.28	V
17040.250	52.79	-27.03	41.63	38.18	68.30	15.51	V
16949.500	52.22	-27.13	41.65	37.70	68.30	16.08	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)
5510.000	55.66	-25.10	34.61	46.15	68.30	12.64	V
5677.000	58.30	-24.74	34.78	48.25	68.30	10.00	V
11800.000	47.60	-31.97	38.56	41.01	68.30	20.70	H
16770.000	50.54	-27.34	41.47	36.40	68.30	17.76	V
17353.750	51.88	-26.84	41.13	37.59	68.30	16.42	V
17088.650	51.65	-26.98	41.56	37.08	68.30	16.65	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)
5725.163	63.82	-24.80	34.83	53.79	68.30	4.48	V
5725.250	63.27	-24.80	34.83	53.24	68.30	5.03	V
11340.050	45.16	-32.19	38.07	39.27	74.00	28.84	V
17010.000	49.72	-27.06	41.68	35.10	68.30	18.58	H
17362.000	51.71	-26.83	41.12	37.42	68.30	16.59	V
17634.250	50.80	-26.67	41.01	36.46	68.30	17.50	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)
5646.800	57.58	-24.78	34.75	47.61	68.30	10.72	V
5777.800	57.86	-24.73	34.88	47.71	68.30	10.44	V
11340.050	45.73	-32.19	38.07	39.85	74.00	28.27	H
17010.000	49.84	-27.06	41.68	35.22	68.30	18.46	V
17237.700	51.95	-26.91	41.32	37.54	68.30	16.35	V
17668.350	51.69	-26.62	41.04	37.28	68.30	16.61	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)
5147.210	57.57	-25.69	34.25	49.01	74.00	16.43	V
5148.225	57.15	-25.69	34.25	48.59	74.00	16.85	V
10359.950	44.72	-33.07	37.44	40.35	68.30	23.58	H
15539.850	47.61	-28.84	40.06	36.40	74.00	26.39	V
16936.300	51.86	-27.14	41.64	37.37	68.30	16.44	V
17281.700	51.21	-26.89	41.25	36.86	68.30	17.09	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)
5157.600	59.27	-25.72	34.26	50.73	68.30	9.03	V
5240.800	58.13	-25.75	34.35	49.53	68.30	10.17	V
10400.100	45.10	-33.17	37.46	40.81	68.30	23.20	V
15599.800	47.39	-28.71	40.14	35.96	74.00	26.61	H
16936.300	51.70	-27.14	41.64	37.21	68.30	16.60	H
17456.600	51.98	-26.76	40.97	37.77	68.30	16.32	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5199.800	56.27	-25.78	34.31	47.74	68.30	12.03	V
5280.800	58.65	-25.79	34.39	50.06	68.30	9.65	V
10479.850	44.86	-33.11	37.49	40.48	68.30	23.44	H
15720.250	47.52	-28.48	40.31	35.69	74.00	26.48	V
17001.750	51.99	-27.07	41.70	37.36	68.30	16.31	V
17167.300	51.66	-26.93	41.43	37.16	68.30	16.64	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)
5202.800	54.02	-25.78	34.31	45.49	74.00	19.98	V
5330.600	54.90	-25.77	34.44	46.23	74.00	19.10	V
10519.450	47.25	-33.11	37.51	42.84	68.30	21.05	H
15780.200	48.12	-28.38	40.40	36.11	74.00	25.88	V
16765.250	51.62	-27.34	41.47	37.50	68.30	16.68	H
17357.600	51.44	-26.83	41.13	37.15	68.30	16.86	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)
5233.000	55.43	-25.75	34.34	46.84	68.30	12.87	V
5337.600	55.13	-25.77	34.44	46.45	68.30	13.17	V
10555.750	47.26	-33.19	37.53	42.92	68.30	21.04	V
15840.150	48.70	-28.18	40.48	36.40	74.00	25.30	H
16693.200	52.25	-27.46	41.39	38.32	68.30	16.05	V
17050.150	51.54	-27.02	41.62	36.94	68.30	16.76	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)
5351.433	68.31	-25.76	34.46	59.61	74.00	5.69	V
5352.027	67.04	-25.76	34.46	58.34	74.00	6.96	V
10642.650	48.23	-33.30	37.59	43.95	74.00	25.77	H
15960.050	49.16	-27.65	40.64	36.17	74.00	24.84	H
16449.000	51.00	-27.62	41.15	37.47	68.30	17.30	H
17024.850	52.16	-27.05	41.66	37.54	68.30	16.14	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)
5456.762	63.55	-25.35	34.56	54.34	74.00	10.45	V
5458.877	62.91	-25.34	34.56	53.69	74.00	11.09	V
11000.250	48.55	-32.68	37.80	43.43	68.30	19.75	H
16500.150	50.50	-27.61	41.20	36.91	68.30	17.80	V
16964.350	52.67	-27.11	41.66	38.12	68.30	15.63	H
16986.500	51.79	-27.09	41.69	37.19	68.30	16.51	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)
5542.800	56.09	-25.14	34.64	46.59	68.30	12.21	V
5664.200	57.01	-24.74	34.77	46.98	68.30	11.29	V
11199.500	48.93	-32.08	37.96	43.05	68.30	19.37	H
16800.500	50.34	-27.30	41.50	36.13	68.30	17.96	H
16998.500	52.44	-27.08	41.70	37.81	68.30	15.86	H
17170.500	51.68	-26.93	41.42	37.19	68.30	16.62	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)
5726.400	63.24	-24.8	34.83	53.21	68.3	5.06	V
5725.750	63.45	-24.8	34.83	53.42	68.3	4.85	V
11400.000	48.05	-32.34	38.12	42.27	68.30	20.25	V
17100.250	51.36	-26.96	41.54	36.78	68.30	16.94	V
17040.250	52.43	-27.03	41.63	37.82	68.30	15.87	H
17098.750	50.65	-26.97	41.54	36.07	68.30	17.65	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)
5677.000	57.40	-24.74	34.78	47.36	68.30	10.90	V
5768.400	57.13	-24.75	34.87	47.01	68.30	11.17	V
11440.150	45.25	-32.43	38.15	39.53	74.00	28.75	V
17160.150	49.86	-26.93	41.44	35.35	68.30	18.44	V
17326.250	51.36	-26.86	41.18	37.04	68.30	16.94	H
17665.050	51.66	-26.63	41.03	37.26	68.30	16.64	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)
5149.275	65.76	-25.70	34.25	57.21	74.00	8.24	V
5149.975	68.60	-25.70	34.26	60.05	74.00	5.40	V
10379.750	44.11	-33.12	37.45	39.78	68.30	24.19	V
15570.100	46.69	-28.78	40.10	35.36	74.00	27.31	H
17002.300	52.06	-27.07	41.70	37.44	68.30	16.24	H
17197.000	51.34	-26.92	41.38	36.88	68.30	16.96	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)
5182.200	58.89	-25.79	34.29	50.39	68.30	9.41	V
5285.000	60.25	-25.80	34.39	51.66	68.30	8.05	V
10460.050	45.15	-33.13	37.48	40.80	68.30	23.15	V
15690.000	47.64	-28.53	40.27	35.91	74.00	26.36	H
16731.150	52.09	-27.40	41.43	38.06	68.30	16.21	H
17199.200	52.08	-26.92	41.38	37.62	68.30	16.22	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)
5191.400	54.55	-25.79	34.30	46.05	68.30	13.75	V
5200.600	56.09	-25.78	34.31	47.57	68.30	12.21	V
10539.800	44.78	-33.15	37.52	40.41	68.30	23.52	V
15809.900	47.74	-28.32	40.44	35.61	74.00	26.26	H
16252.650	51.47	-27.63	40.95	38.15	68.30	16.83	V
17083.150	52.39	-26.98	41.57	37.81	68.30	15.91	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)
5350.609	66.78	-25.76	34.46	58.09	74.00	7.22	V
5351.379	66.54	-25.76	34.46	57.84	74.00	7.46	V
10620.100	44.93	-33.33	37.57	40.69	74.00	29.07	H
15929.800	49.60	-27.78	40.60	36.78	74.00	24.40	V
17030.350	52.45	-27.04	41.65	37.84	68.30	15.85	H
17614.450	52.42	-26.68	40.99	38.10	68.30	15.88	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)
5458.135	62.03	-25.34	34.56	52.81	74.00	11.97	V
5458.765	62.89	-25.34	34.56	53.66	74.00	11.11	V
11019.950	46.00	-32.62	37.82	40.80	74.00	28.00	H
16529.850	49.78	-27.61	41.23	36.15	68.30	18.52	H
16912.100	52.58	-27.17	41.61	38.14	68.30	15.72	V
17165.100	52.07	-26.93	41.43	37.57	68.30	16.23	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)
5511.000	55.84	-25.10	34.61	46.33	68.30	12.46	V
5687.800	56.59	-24.75	34.79	46.54	68.30	11.71	V
11180.000	46.79	-32.10	37.95	40.95	74.00	27.21	H
16770.200	48.72	-27.34	41.47	34.59	68.30	19.58	V
17112.850	51.53	-26.95	41.52	36.96	68.30	16.77	V
17623.800	50.98	-26.67	41.00	36.66	68.30	17.32	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)
5725.650	63.53	-24.80	34.83	53.50	68.30	4.77	V
5728.700	62.43	-24.80	34.83	52.40	68.30	5.87	V
11340.050	45.02	-32.19	38.07	39.14	74.00	28.98	H
17010.000	49.57	-27.06	41.68	34.95	68.30	18.73	H
17368.050	51.20	-26.83	41.11	36.92	68.30	17.10	H
17676.600	51.23	-26.61	41.04	36.80	68.30	17.07	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)
5648.400	57.09	-24.78	34.75	47.11	68.30	11.21	V
5780.200	57.26	-24.73	34.89	47.10	68.30	11.04	V
11419.800	45.04	-32.38	38.14	39.29	74.00	28.96	H
17129.900	49.20	-26.94	41.49	34.66	68.30	19.10	V
17373.550	51.48	-26.82	41.10	37.20	68.30	16.82	V
17679.350	51.22	-26.61	41.04	36.78	68.30	17.08	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)
5145.408	67.01	-25.69	34.25	58.44	74.00	6.99	V
5149.502	67.43	-25.70	34.25	58.87	74.00	6.57	V
10419.900	45.88	-33.18	37.47	41.59	68.30	22.42	H
15630.050	48.62	-28.64	40.18	37.08	74.00	25.38	H
16538.100	51.71	-27.61	41.24	38.08	68.30	16.59	H
17005.600	52.16	-27.07	41.69	37.54	68.30	16.14	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)
5355.618	67.78	-25.76	34.46	59.08	74.00	6.22	V
5357.171	67.69	-25.76	34.46	58.99	74.00	6.31	V
10579.950	44.03	-33.25	37.55	39.73	68.30	24.27	V
15869.850	48.14	-28.05	40.52	35.67	74.00	25.86	H
16670.100	51.44	-27.50	41.37	37.57	68.30	16.86	H
17093.050	51.70	-26.97	41.55	37.13	68.30	16.59	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)
5456.012	67.97	-25.35	34.56	58.76	74.00	6.03	V
5458.900	67.34	-25.34	34.56	58.11	74.00	6.66	V
11060.100	45.22	-32.49	37.85	39.86	74.00	28.78	H
16589.800	48.61	-27.60	41.29	34.92	68.30	19.69	H
17033.650	51.84	-27.04	41.65	37.23	68.30	16.46	V
17363.650	51.71	-26.83	41.12	37.42	68.30	16.59	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)
5725.337	63.03	-24.80	34.83	53.00	74.00	10.97	V
5725.887	63.65	-24.80	34.83	53.62	74.00	10.35	V
11220.150	45.01	-32.06	37.98	39.09	74.00	28.99	H
16830.150	49.41	-27.26	41.53	35.14	68.30	18.89	V
17148.600	51.72	-26.94	41.46	37.19	68.30	16.58	H
17597.950	51.37	-26.69	40.98	37.08	68.30	16.93	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)
5587.200	58.57	-25.00	34.69	48.88	68.30	9.73	V
5827.000	58.99	-24.95	34.93	49.01	68.30	9.31	V
11380.200	45.42	-32.29	38.11	39.61	74.00	28.58	H
17069.950	51.85	-27.00	41.59	37.26	68.30	16.45	V
17444.500	51.90	-26.76	40.99	37.68	68.30	16.40	V
17647.450	52.06	-26.65	41.02	37.69	68.30	16.24	V

Note:

1. The spurious emission above 18G is noise only.
2. All emissions below 30MHz are more than 20 dB below the limit

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

Method of Measurement:

See Clause 6.2 of ANSI C63.10-2013 specifically.

See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver:
 Quasi-Peak / Average Detector.

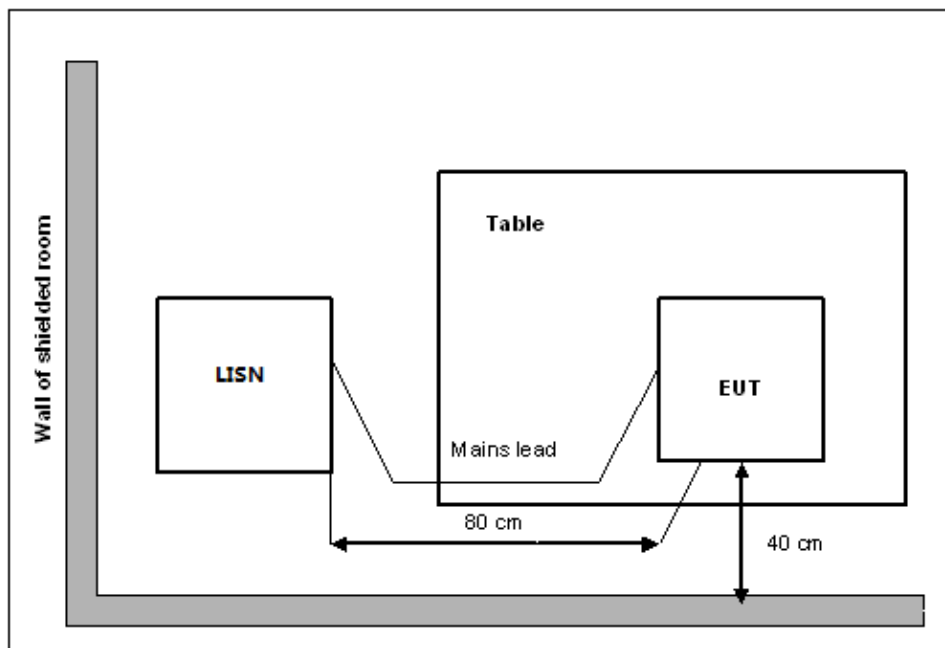
The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/IF bandwidth
0.15-30	9kHz

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Setup



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:

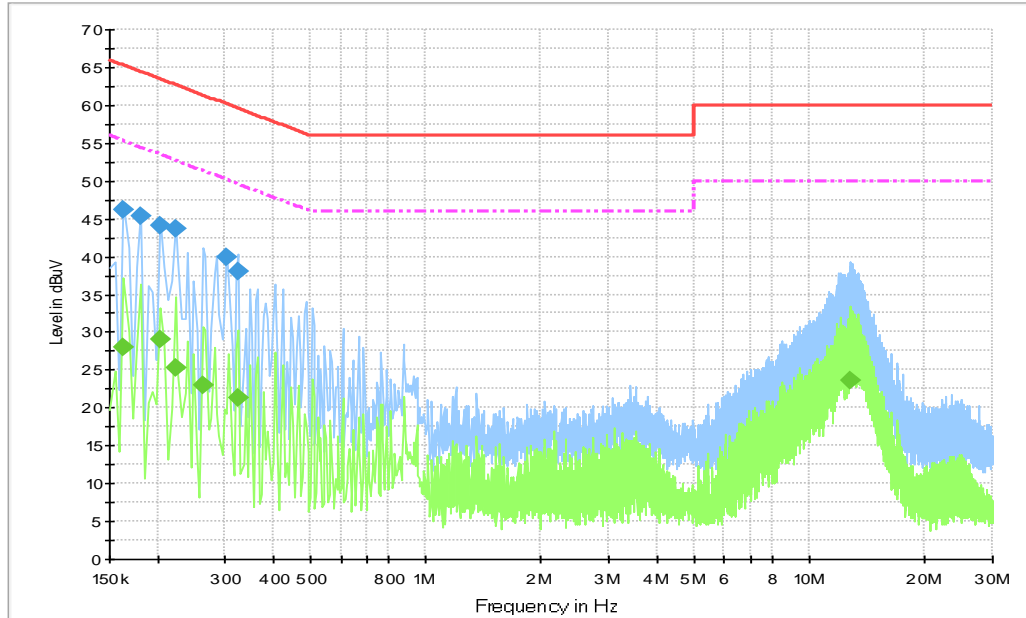


Fig.58 AC Powerline Conducted Emission-Traffic

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)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.163500	46.2	3000.	9.000	N	19.9	19.1	65.3
0.181500	45.4	3000.	9.000	N	19.8	19.1	64.4
0.204000	44.0	3000.	9.000	N	19.7	19.5	63.4
0.222000	43.7	3000.	9.000	N	19.8	19.0	62.7
0.303000	39.8	3000.	9.000	N	19.8	20.4	60.2
0.325500	38.0	3000.	9.000	L1	19.4	21.6	59.6

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.163500	27.9	3000.0	9.000	L1	19.5	27.4	55.3
0.204000	29.0	3000.0	9.000	N	19.7	24.4	53.4
0.222000	25.2	3000.0	9.000	L1	19.5	27.5	52.7
0.262500	23.1	3000.0	9.000	N	19.8	28.3	51.4
0.325500	21.3	3000.0	9.000	N	19.7	28.2	49.6
12.741000	23.6	3000.0	9.000	N	19.8	26.4	50.0

Idle

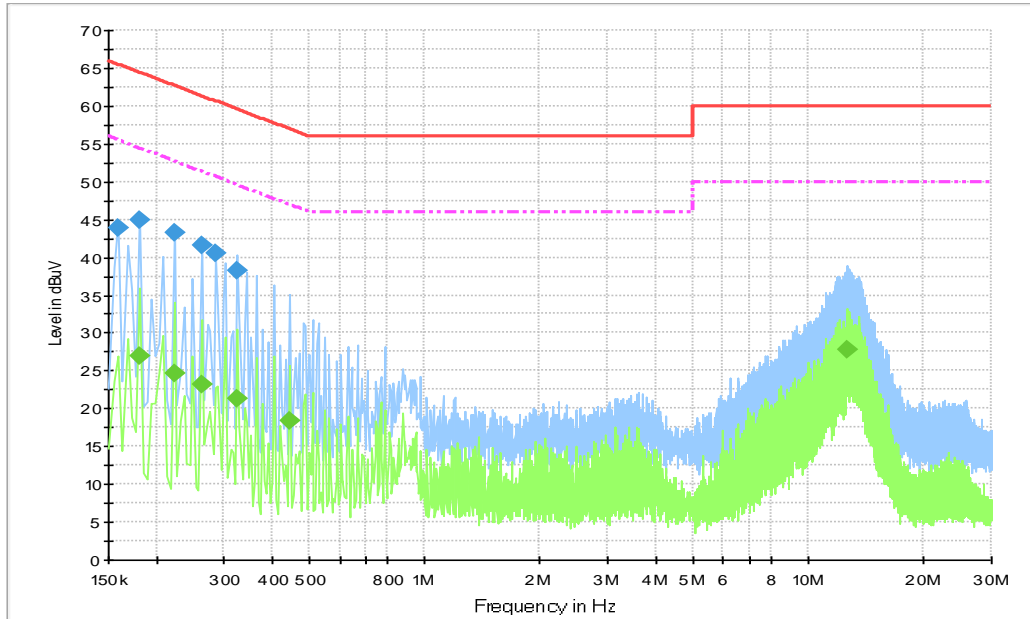


Fig.59 AC Powerline Conducted Emission-Idle

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)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.159000	43.9	3000.	9.000	L1	19.5	21.6	65.5
0.181500	44.9	3000.	9.000	L1	19.5	19.5	64.4
0.222000	43.3	3000.	9.000	L1	19.5	19.4	62.7
0.262500	41.5	3000.	9.000	L1	19.5	19.8	61.4
0.285000	40.5	3000.	9.000	N	19.7	20.2	60.7
0.325500	38.3	3000.	9.000	N	19.7	21.3	59.6

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.181500	27.0	3000.0	9.000	L1	19.5	27.5	54.4
0.222000	24.6	3000.0	9.000	L1	19.5	28.1	52.7
0.262500	23.1	3000.0	9.000	L1	19.5	28.2	51.4
0.325500	21.4	3000.0	9.000	N	19.7	28.2	49.6
0.447000	18.5	3000.0	9.000	N	19.8	28.5	46.9
12.678000	27.8	3000.0	9.000	L1	19.8	22.2	50.0

Note: The measurement results showed here are worst cases of the combination of different AE.

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	17.28	P
	5200 MHz	Fig.61	17.36	P
	5240 MHz	Fig.62	17.28	P
802.11n HT20	5180 MHz	Fig.63	18.08	P
	5200 MHz	Fig.64	18.20	P
	5240 MHz	Fig.65	18.16	P
802.11ac HT40	5190 MHz	Fig.66	36.32	P
	5230 MHz	Fig.67	36.16	P
802.11ac HT80	5210 MHz	Fig.68	75.36	P

Conclusion: PASS
Test graphs as below:

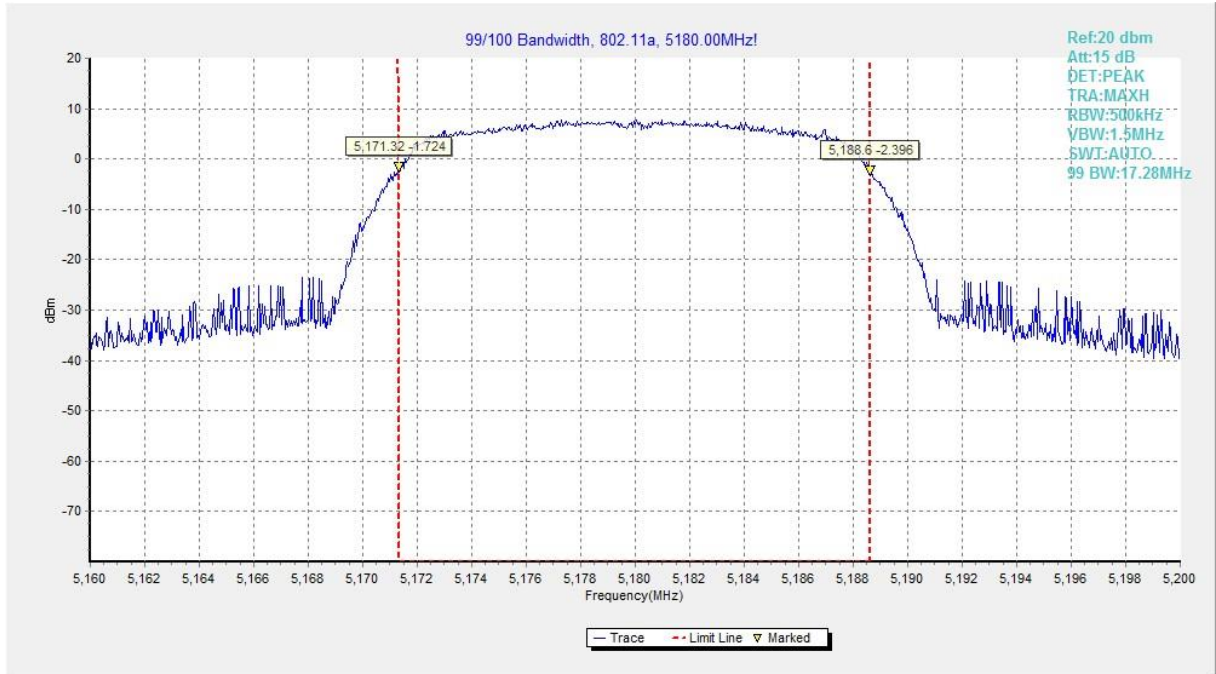


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

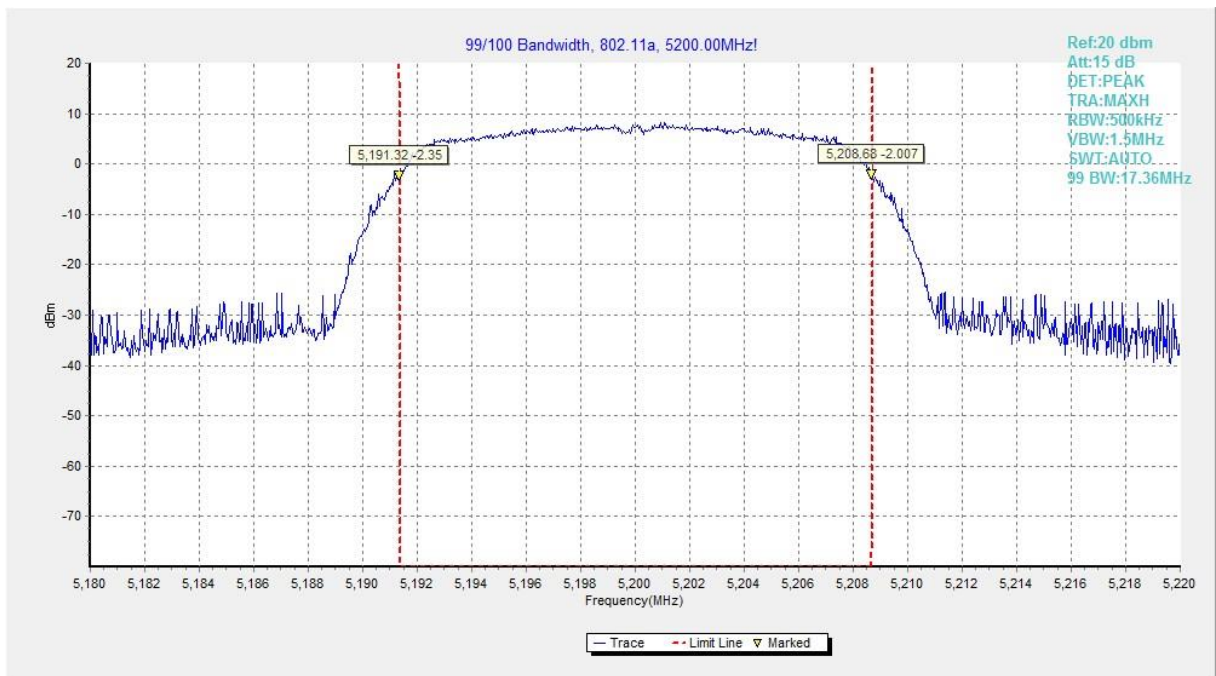


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

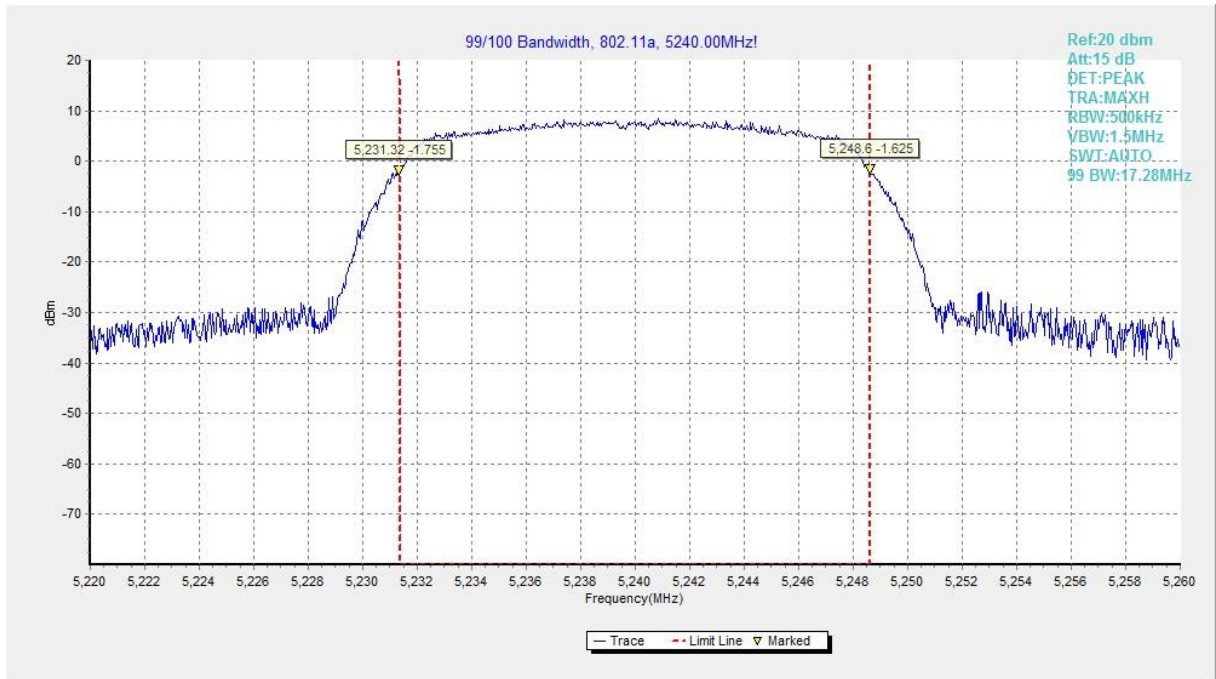


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

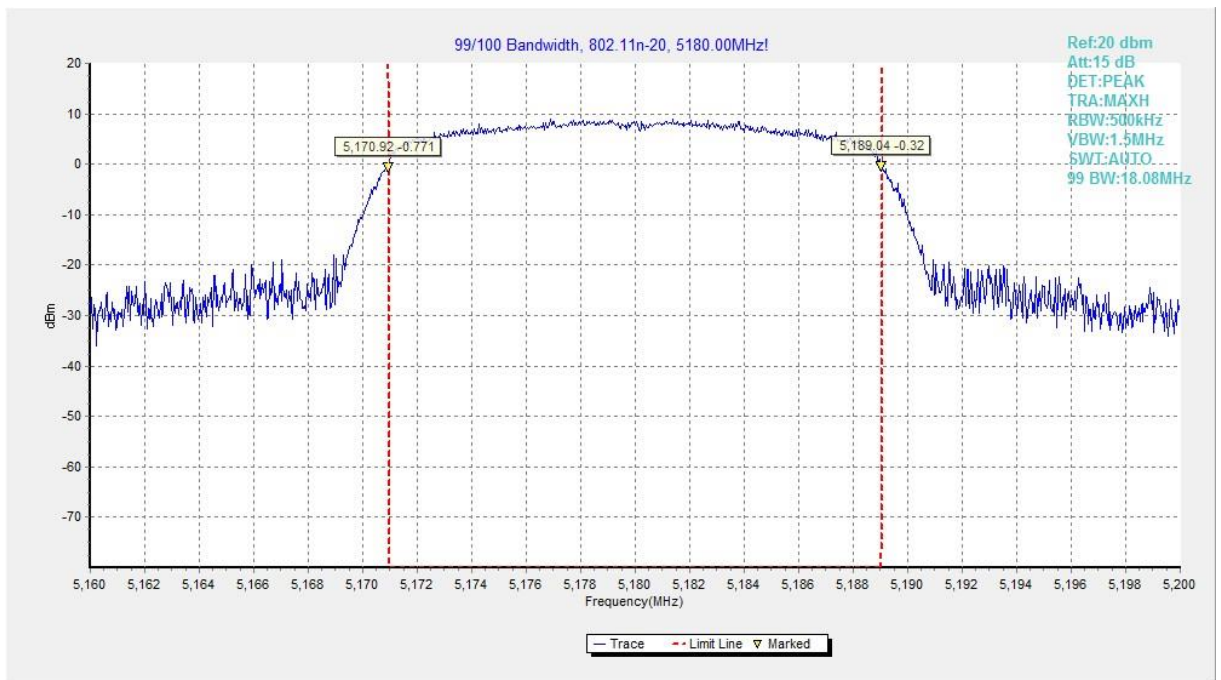


Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

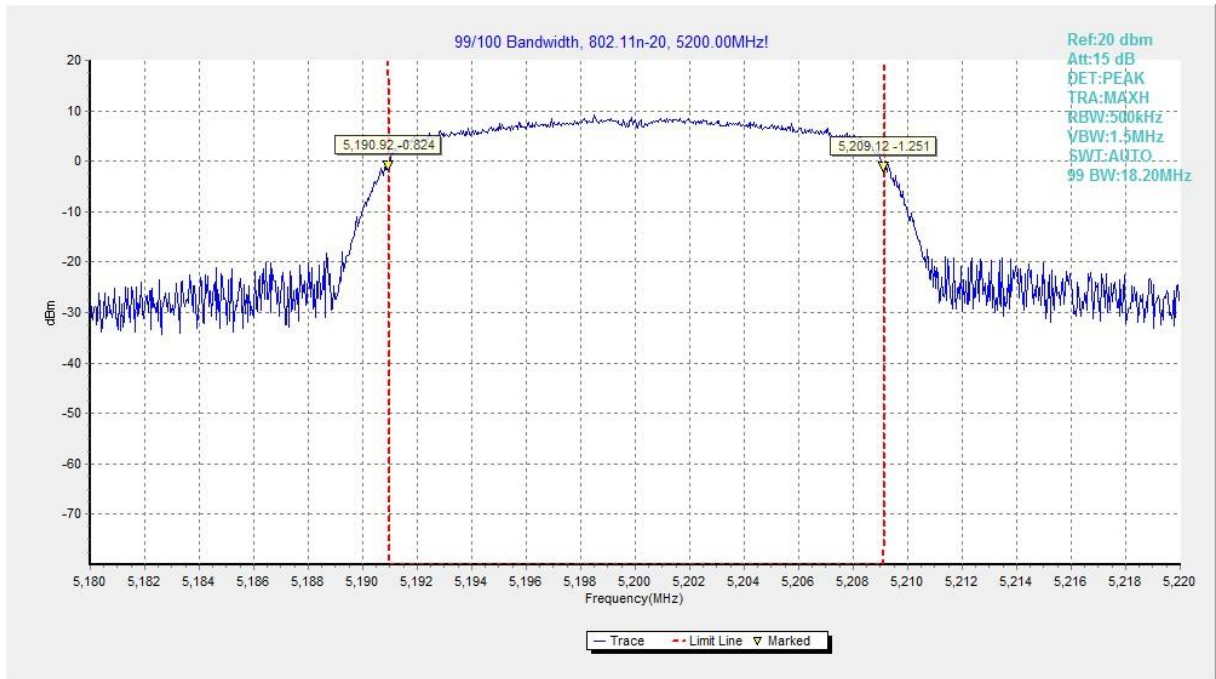


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

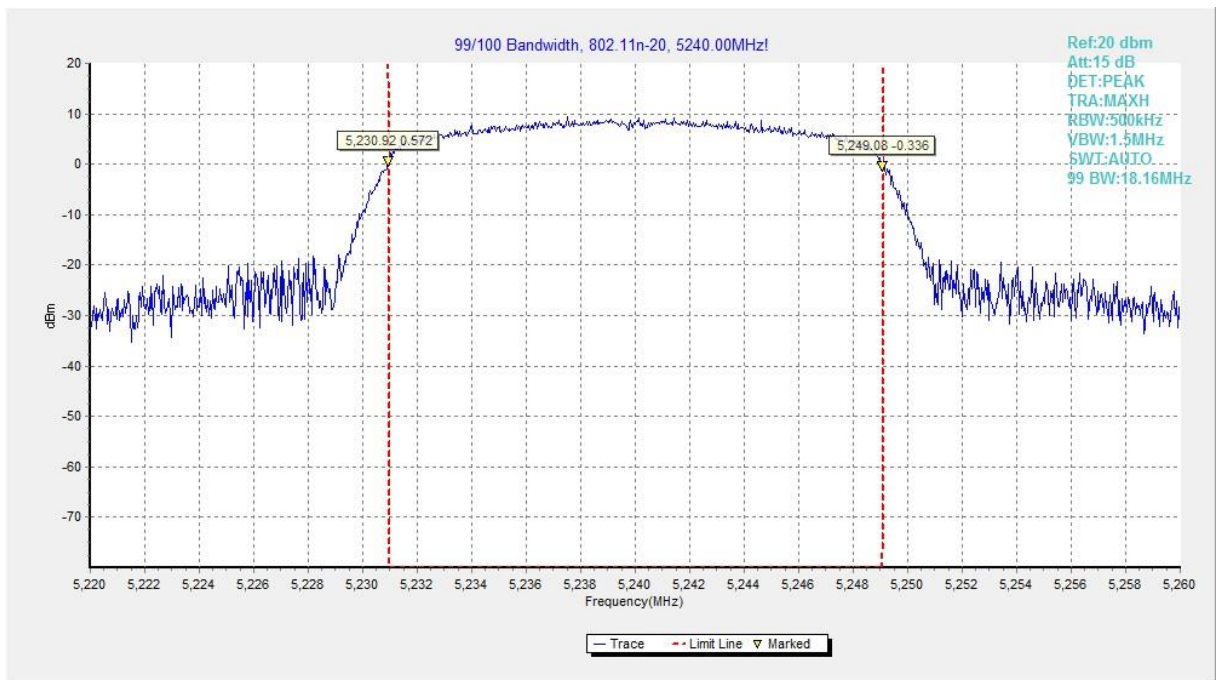


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

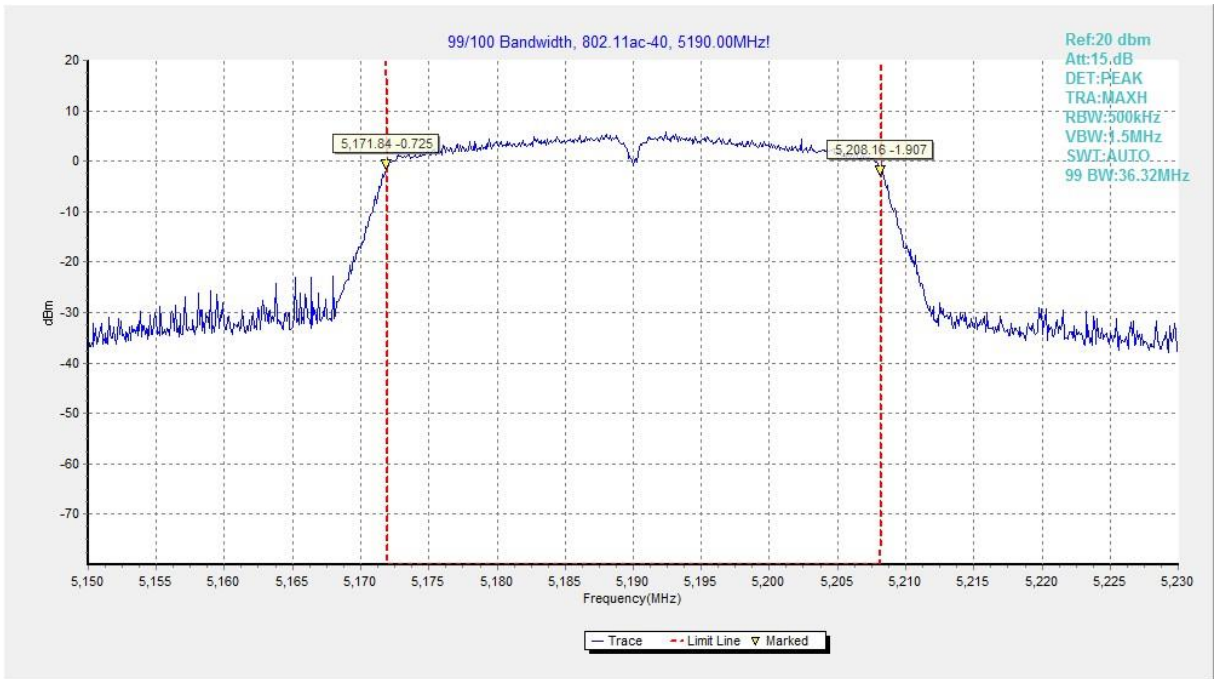


Fig.66 99% Occupied bandwidth (802.11ac-HT40, 5190MHz)

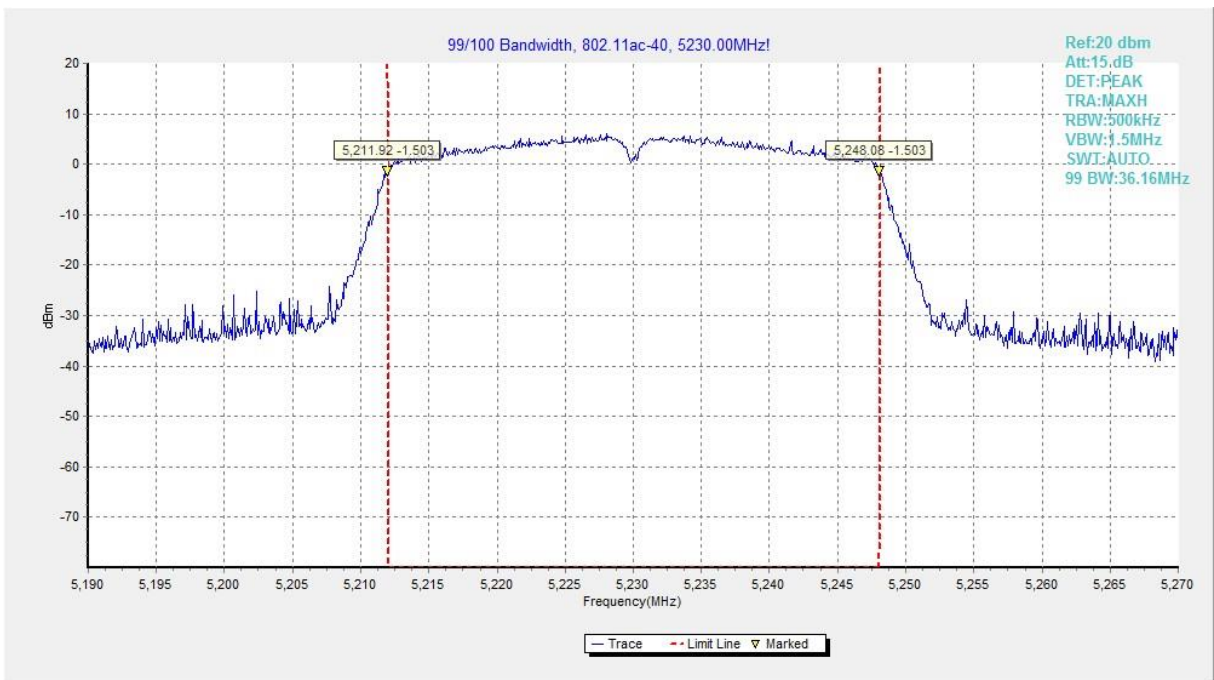


Fig.67 99% Occupied bandwidth (802.11ac-HT40, 5230MHz)

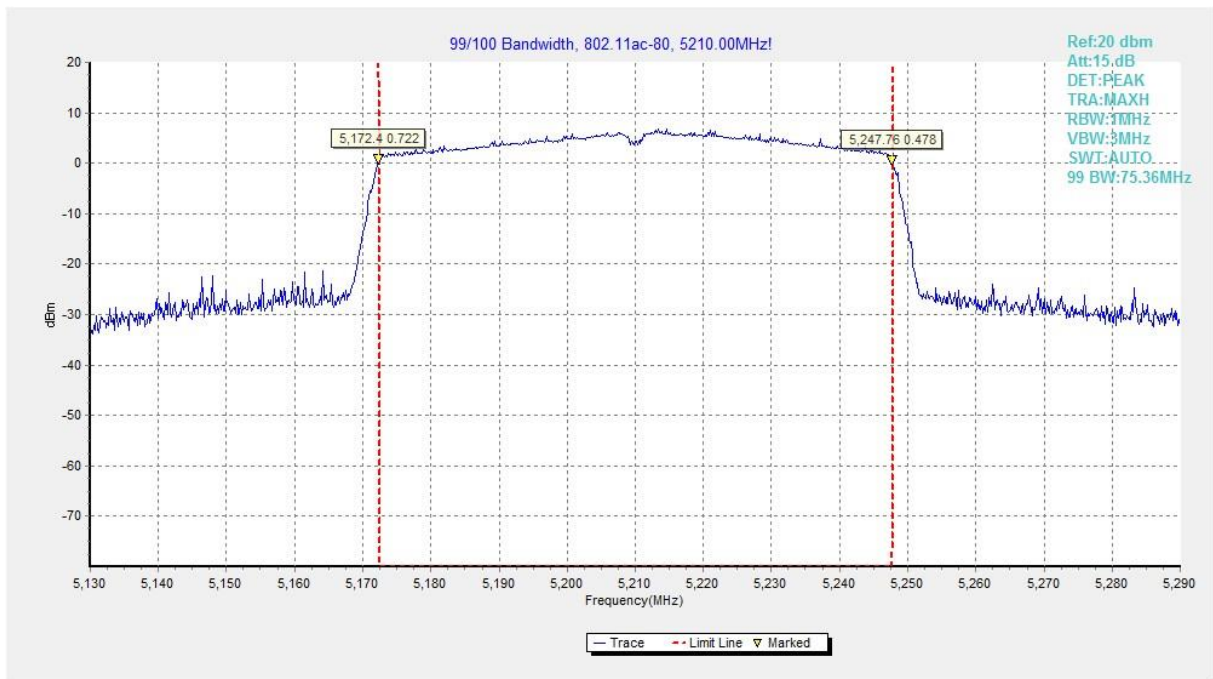


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

A.9. Power control

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

ANNEX B: EUT parameters

Disclaimer: The antenna gain 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/> Certificate of Accreditation to ISO/IEC 17025:2017 <hr/>	
NVLAP LAB CODE: 600118-0	
Telecommunication Technology Labs, CAICT Beijing China	
<i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i>	
Electromagnetic Compatibility & Telecommunications	
<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 Communiqué dated January 2009).</i>	
<hr/> 2021-09-29 through 2022-09-30 <i>Effective Dates</i>	 For the National Voluntary Laboratory Accreditation Program

*** END OF REPORT BODY ***