

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)
5130.200	42.86	-23.26	32.86	33.26	54.00	11.14	H
5149.400	42.81	-23.57	32.90	33.48	54.00	11.19	V
10747.000	34.37	-30.57	38.70	26.24	54.00	19.63	V
15720.000	35.30	-25.41	38.60	22.11	54.00	18.70	V
17864.000	39.34	-24.22	41.70	21.86	54.00	14.66	H
17973.500	40.07	-24.04	41.85	22.26	54.00	13.93	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)
5350.800	43.17	-23.35	33.10	33.42	54.00	10.83	H
5353.400	43.06	-23.33	33.11	33.28	54.00	10.94	V
10884.000	35.12	-30.50	38.62	27.00	54.00	18.88	V
15780.000	35.72	-25.19	38.60	22.31	54.00	18.28	V
17731.000	39.08	-24.46	41.77	21.77	54.00	14.92	H
17868.500	39.30	-24.20	41.70	21.80	54.00	14.70	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)
5350.200	43.72	-23.36	33.10	33.98	54.00	10.28	V
5351.000	43.77	-23.35	33.10	34.01	54.00	10.23	V
10748.000	34.36	-30.57	38.70	26.23	54.00	19.64	V
15840.000	36.20	-24.90	38.64	22.46	54.00	17.80	H
17778.000	39.15	-24.34	41.72	21.77	54.00	14.85	H
17924.500	39.77	-24.05	41.75	22.08	54.00	14.23	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)
5350.200	44.49	-23.36	33.10	34.75	54.00	9.51	H
5351.200	44.34	-23.35	33.10	34.58	54.00	9.66	V
10640.000	33.31	-30.71	38.70	25.32	54.00	20.69	V
15960.000	36.12	-24.90	38.82	22.20	54.00	17.88	V
17719.500	38.90	-24.39	41.78	21.51	54.00	15.10	V
17927.000	39.81	-24.05	41.75	22.10	54.00	14.19	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)
5452.400	44.12	-23.05	33.60	33.56	54.00	9.88	V
5457.000	44.20	-22.98	33.61	33.56	54.00	9.80	V
11000.000	35.10	-30.34	38.60	26.84	54.00	18.90	H
16075.000	35.11	-25.55	39.13	21.54	54.00	18.89	H
17887.500	39.42	-24.13	41.70	21.84	54.00	14.58	V
17961.500	40.02	-24.04	41.82	22.24	54.00	13.98	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5455.400	42.92	-23.00	33.61	32.31	54.00	11.08	V
5458.000	42.81	-22.96	33.62	32.15	54.00	11.19	V
11160.000	34.84	-30.45	38.50	26.79	54.00	19.16	V
16085.000	35.07	-25.59	39.16	21.51	54.00	18.93	V
17958.500	40.22	-24.04	41.82	22.44	54.00	13.78	H
17923.000	39.83	-24.05	41.75	22.13	54.00	14.17	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)
5458.600	42.66	-22.95	33.62	31.99	48.30	5.64	V
5456.200	42.74	-22.99	33.61	32.12	48.30	5.56	V
11400.000	34.90	-29.43	38.80	25.53	48.30	13.40	V
17753.000	38.93	-24.54	41.75	21.72	48.30	9.37	H
17930.500	39.18	-24.05	41.76	21.47	48.30	9.12	V
17943.500	39.61	-24.04	41.79	21.86	48.30	8.69	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)
5452.400	42.66	-23.05	33.60	32.11	48.30	5.64	H
5457.400	42.83	-22.97	33.61	32.19	48.30	5.47	V
11440.000	34.70	-29.65	38.88	25.46	48.30	13.60	V
17803.500	39.23	-24.17	41.70	21.70	48.30	9.07	V
17833.500	39.19	-24.24	41.70	21.73	48.30	9.11	H
17936.000	39.55	-24.04	41.77	21.82	48.30	8.75	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	49.11	-23.56	32.90	39.77	54.00	4.89	V
5150.000	49.16	-23.56	32.90	39.83	54.00	4.84	V
10882.500	35.20	-30.50	38.62	27.08	54.00	18.80	V
15570.000	35.34	-25.64	38.50	22.48	54.00	18.66	H
17785.500	39.19	-24.28	41.71	21.75	54.00	14.81	V
17926.500	39.86	-24.05	41.75	22.16	54.00	14.14	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)
5007.400	45.73	-23.46	32.87	36.32	54.00	8.27	V
5453.000	45.17	-23.04	33.61	34.60	54.00	8.83	V
10678.000	34.34	-30.68	38.70	26.32	54.00	19.66	V
15690.000	35.16	-25.58	38.59	22.15	54.00	18.84	V
17803.000	39.38	-24.17	41.70	21.85	54.00	14.62	V
17924.000	39.91	-24.05	41.75	22.21	54.00	14.09	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)
5047.200	45.96	-23.29	32.71	36.54	54.00	8.04	H
5350.200	43.98	-23.36	33.10	34.23	54.00	10.02	H
10685.000	34.13	-30.68	38.70	26.12	54.00	19.87	V
15810.000	35.55	-25.15	38.61	22.09	54.00	18.45	V
17732.500	39.06	-24.47	41.77	21.76	54.00	14.94	H
17888.500	39.44	-24.12	41.70	21.86	54.00	14.56	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)
5350.200	49.42	-23.36	33.10	39.67	54.00	4.58	V
5350.800	49.15	-23.35	33.10	39.40	54.00	4.85	H
10620.000	33.72	-30.79	38.70	25.81	54.00	20.28	V
15930.000	36.25	-25.03	38.76	22.51	54.00	17.75	H
17797.500	39.32	-24.18	41.70	21.80	54.00	14.68	V
17891.500	39.58	-24.11	41.70	21.99	54.00	14.42	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)
5458.800	44.32	-22.95	33.62	33.65	54.00	9.68	H
5459.600	44.53	-22.93	33.62	33.85	54.00	9.47	H
11020.000	35.24	-30.41	38.58	27.07	54.00	18.76	V
16027.500	35.68	-25.26	38.98	21.95	54.00	18.32	H
17780.000	39.16	-24.32	41.72	21.76	54.00	14.84	V
17895.000	39.61	-24.09	41.70	22.01	54.00	14.39	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)
5363.400	43.75	-23.27	33.15	33.87	54.00	10.25	H
5367.200	44.87	-23.26	33.17	34.96	54.00	9.13	H
11180.000	34.14	-30.48	38.50	26.12	54.00	19.86	V
16002.000	35.77	-25.02	38.91	21.89	54.00	18.23	V
17871.500	39.21	-24.19	41.70	21.70	54.00	14.79	H
17946.500	39.64	-24.04	41.79	21.88	54.00	14.36	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)
5445.600	44.11	-23.13	33.57	33.67	48.30	4.19	H
5447.400	44.37	-23.11	33.58	33.90	48.30	3.93	V
11340.000	34.45	-30.13	38.74	25.84	48.30	13.84	H
17718.000	39.04	-24.39	41.78	21.65	48.30	9.26	H
17804.000	39.37	-24.17	41.70	21.85	48.30	8.93	H
17952.500	39.85	-24.03	41.81	22.08	48.30	8.45	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)
5452.600	43.26	-23.05	33.61	32.70	48.30	5.04	V
5457.800	43.20	-22.96	33.62	32.55	48.30	5.10	V
11420.000	34.95	-29.54	38.84	25.65	48.30	13.35	H
15851.000	36.32	-24.82	38.65	22.49	48.30	11.98	V
17898.000	39.42	-24.08	41.70	21.80	48.30	8.88	V
17965.500	39.99	-24.04	41.83	22.20	48.30	8.31	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)
5146.200	47.95	-23.58	32.89	38.64	54.00	6.05	V
5148.200	48.07	-23.57	32.90	38.74	54.00	5.93	V
10861.000	34.25	-30.49	38.64	26.11	54.00	19.75	H
15630.000	35.14	-25.45	38.53	22.06	54.00	18.86	V
17798.500	39.47	-24.18	41.70	21.94	54.00	14.53	V
17891.500	39.46	-24.11	41.70	21.87	54.00	14.54	V

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5349.000	48.31	-23.34	33.10	38.56	54.00	5.69	H
5350.000	48.17	-23.36	33.10	38.43	54.00	5.83	H
10889.500	34.91	-30.50	38.61	26.80	54.00	19.09	V
15870.000	36.22	-24.99	38.67	22.54	54.00	17.78	H
17831.500	39.21	-24.24	41.70	21.75	54.00	14.79	V
17931.500	39.75	-24.05	41.76	22.03	54.00	14.25	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5454.800	46.05	-23.01	33.61	35.45	54.00	7.95	V
5463.600	46.89	-22.93	33.63	36.19	54.00	7.11	H
11060.000	34.62	-30.52	38.54	26.61	54.00	19.38	V
16088.500	34.90	-25.61	39.17	21.34	54.00	19.10	V
17789.000	39.33	-24.25	41.71	21.87	54.00	14.67	V
17920.500	39.69	-24.06	41.74	22.01	54.00	14.31	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)
5455.800	42.88	-23.00	33.61	32.26	54.00	11.12	H
5459.200	42.98	-22.94	33.62	32.31	54.00	11.02	V
11220.000	34.07	-30.22	38.54	25.75	54.00	19.93	V
15974.000	35.83	-24.94	38.85	21.92	54.00	18.17	V
17825.500	39.28	-24.22	41.70	21.80	54.00	14.72	V
17920.500	39.52	-24.06	41.74	21.83	54.00	14.48	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)
5455.000	42.63	-23.01	33.61	32.03	48.30	5.67	V
5458.200	42.72	-22.96	33.62	32.06	48.30	5.58	H
11380.000	35.05	-29.73	38.78	26.00	48.30	13.24	V
15845.500	36.20	-24.85	38.65	22.40	48.30	12.10	H
17959.500	40.09	-24.04	41.82	22.31	48.30	8.21	V
17958.000	40.14	-24.04	41.82	22.36	48.30	8.16	V

PEAK Results:
802.11a
Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.205	61.26	-23.57	32.90	51.92	74.00	12.74	H
5149.748	61.28	-23.56	32.90	51.95	74.00	12.72	H
10360.000	46.42	-30.25	38.56	38.11	68.30	21.88	V
15540.000	47.88	-25.77	38.50	35.15	74.00	26.12	V
17150.500	53.67	-23.89	41.45	36.11	68.30	14.63	V
17540.500	53.95	-24.28	41.96	36.27	68.30	14.35	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)
5167.800	60.11	-23.19	32.90	50.40	68.30	8.19	V
5235.000	60.62	-23.33	32.90	51.05	68.30	7.68	H
10400.000	46.88	-30.19	38.60	38.48	68.30	21.42	V
15600.000	48.57	-25.40	38.50	35.48	74.00	25.43	V
17469.500	52.01	-24.26	42.00	34.28	68.30	16.29	H
17615.500	53.16	-24.11	41.88	35.38	68.30	15.14	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)
5203.000	59.13	-23.02	32.90	49.24	68.30	9.17	V
5291.600	58.81	-23.39	32.98	49.21	68.30	9.49	H
10480.000	46.79	-30.24	38.68	38.36	68.30	21.51	H
15720.000	47.17	-25.41	38.60	33.98	74.00	26.83	V
17289.000	53.34	-24.02	41.68	35.69	68.30	14.95	H
17516.000	52.83	-24.22	41.98	35.06	68.30	15.47	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)
5218.400	59.22	-23.20	32.90	49.51	68.30	9.08	V
5292.800	60.81	-23.36	32.99	51.18	68.30	7.49	V
10520.000	46.65	-30.21	38.70	38.17	68.30	21.65	V
15780.000	48.57	-25.19	38.60	35.16	74.00	25.43	V
17494.000	53.50	-24.20	42.00	35.70	68.30	14.80	H
17645.000	54.01	-24.06	41.85	36.22	68.30	14.29	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)
5243.400	58.87	-23.27	32.90	49.24	68.30	9.43	V
5314.600	60.72	-22.92	33.03	50.62	68.30	7.58	V
10560.000	45.80	-30.48	38.70	37.58	68.30	22.50	V
15840.000	48.40	-24.90	38.64	34.66	74.00	25.60	V
17287.500	52.94	-24.02	41.68	35.28	68.30	15.36	H
17590.500	52.32	-24.16	41.91	34.57	68.30	15.98	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)
5350.002	62.75	-23.36	33.10	53.01	74.00	11.25	H
5350.434	61.72	-23.35	33.10	51.97	74.00	12.28	H
10640.000	45.22	-30.71	38.70	37.24	74.00	28.78	H
15960.000	47.75	-24.90	38.82	33.84	74.00	26.25	H
17368.500	53.74	-24.13	41.91	35.96	68.30	14.56	V
17586.500	53.25	-24.18	41.91	35.51	68.30	15.05	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)
5460.887	59.13	-22.93	33.62	48.43	68.30	9.17	V
5491.140	58.85	-23.21	33.68	48.38	68.30	9.45	V
11000.000	46.34	-30.34	38.60	38.07	74.00	27.66	H
16500.000	48.55	-25.00	40.10	33.45	68.30	19.75	H
17465.000	53.90	-24.27	42.00	36.17	68.30	14.40	V
17355.500	53.20	-24.13	41.87	35.46	68.30	15.10	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5553.600	58.34	-22.93	33.90	47.36	68.30	9.96	V
5612.600	59.56	-22.68	33.90	48.34	68.30	8.74	H
11160.000	46.47	-30.45	38.50	38.42	74.00	27.53	H
16740.000	49.54	-24.60	40.52	33.62	68.30	18.76	V
17408.000	54.07	-24.17	42.00	36.24	68.30	14.23	V
17544.500	53.15	-24.29	41.96	35.48	68.30	15.15	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5726.350	61.38	-22.63	34.05	49.95	68.30	6.92	H
5732.650	62.12	-22.63	34.07	50.69	68.30	6.18	H
11400.000	46.40	-29.43	38.80	37.03	74.00	27.60	H
17100.000	51.17	-23.96	41.40	33.73	68.30	17.13	V
17422.500	52.73	-24.22	42.00	34.94	68.30	15.57	H
17462.000	53.58	-24.28	42.00	35.86	68.30	14.72	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)
5693.600	59.49	-22.89	33.99	48.40	68.30	8.81	V
5755.200	59.39	-22.81	34.14	48.07	68.30	8.91	V
11440.000	47.24	-29.65	38.88	38.01	74.00	26.76	V
17160.000	50.51	-23.92	41.46	32.98	68.30	17.79	H
17465.000	53.17	-24.27	42.00	35.45	68.30	15.13	V
17534.000	52.39	-24.26	41.97	34.69	68.30	15.91	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)
5147.472	61.73	-23.57	32.89	52.41	74.00	12.27	H
5148.977	61.71	-23.57	32.90	52.38	74.00	12.29	H
10360.000	45.78	-30.25	38.56	37.46	68.30	22.52	H
15540.000	46.33	-25.77	38.50	33.60	74.00	27.67	H
17343.000	52.96	-24.11	41.83	35.25	68.30	15.34	H
17696.500	52.57	-24.27	41.80	35.04	68.30	15.73	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)
5169.800	58.47	-23.14	32.90	48.71	68.30	9.83	H
5232.200	59.59	-23.34	32.90	50.03	68.30	8.71	V
10360.000	46.78	-30.25	38.56	38.46	68.30	21.52	H
15540.000	48.01	-25.77	38.50	35.28	74.00	25.99	V
17264.000	53.12	-24.02	41.63	35.52	68.30	15.18	V
17532.500	52.59	-24.26	41.97	34.88	68.30	15.71	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)
5208.000	58.15	-23.04	32.90	48.29	68.30	10.15	V
5273.000	57.08	-23.16	32.95	47.29	68.30	11.22	H
10480.000	47.09	-30.24	38.68	38.65	68.30	21.21	H
15720.000	53.70	-25.41	38.60	40.51	74.00	20.30	V
17320.000	53.70	-24.07	41.76	36.01	68.30	14.59	H
17514.500	53.05	-24.22	41.99	35.29	68.30	15.25	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)
5218.800	59.60	-23.20	32.90	49.90	68.30	8.70	H
5316.600	59.02	-22.89	33.03	48.88	68.30	9.28	H
10520.000	47.40	-30.21	38.70	38.92	68.30	20.90	V
15780.000	47.09	-25.19	38.60	33.68	74.00	26.91	V
17340.500	53.73	-24.11	41.82	36.02	68.30	14.57	H
17510.000	52.55	-24.21	41.99	34.77	68.30	15.74	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)
5240.200	58.44	-23.31	32.90	48.85	68.30	9.86	H
5316.000	59.54	-22.90	33.03	49.41	68.30	8.76	H
10560.000	46.14	-30.48	38.70	37.92	68.30	22.16	V
15840.000	47.95	-24.90	38.64	34.21	74.00	26.05	H
17542.000	52.91	-24.28	41.96	35.23	68.30	15.39	H
17796.500	52.54	-24.19	41.70	35.03	68.30	15.76	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)
5350.663	62.43	-23.35	33.10	52.68	74.00	11.57	V
5353.566	61.75	-23.33	33.11	51.97	74.00	12.25	H
10640.000	45.39	-30.71	38.70	37.40	74.00	28.61	H
15960.000	48.69	-24.90	38.82	34.77	74.00	25.31	H
17077.000	53.31	-24.24	41.33	36.22	68.30	14.99	V
17533.500	52.21	-24.26	41.97	34.50	68.30	16.09	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)
5464.525	59.02	-22.93	33.63	48.32	68.30	9.28	V
5468.171	59.12	-22.93	33.64	48.42	68.30	9.18	V
11000.000	46.59	-30.34	38.60	38.33	74.00	27.41	H
16500.000	48.88	-25.00	40.10	33.77	68.30	19.42	H
17275.500	53.46	-24.02	41.65	35.83	68.30	14.84	H
17417.500	54.19	-24.20	42.00	36.39	68.30	14.11	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5544.800	60.58	-22.84	33.88	49.54	68.30	7.72	V
5627.400	58.38	-23.13	33.90	47.60	68.30	9.92	H
11160.000	46.79	-30.45	38.50	38.74	74.00	27.21	H
16740.000	50.41	-24.60	40.52	34.50	68.30	17.88	H
17098.500	52.56	-23.98	41.40	35.15	68.30	15.74	V
17434.500	52.79	-24.26	42.00	35.05	68.30	15.51	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)
5725.850	61.87	-22.62	34.05	50.45	68.30	6.43	V
5725.975	61.39	-22.63	34.05	49.96	68.30	6.91	H
11400.000	47.22	-29.43	38.80	37.85	74.00	26.78	V
17100.000	50.22	-23.96	41.40	32.79	68.30	18.08	V
17516.000	53.56	-24.22	41.98	35.79	68.30	14.74	H
17650.500	52.49	-24.05	41.85	34.69	68.30	15.81	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)
5691.600	60.91	-22.90	33.98	49.82	68.30	7.39	V
5748.800	60.69	-22.67	34.10	49.27	68.30	7.61	V
11440.000	46.52	-29.65	38.88	37.29	74.00	27.48	H
17160.000	50.62	-23.92	41.46	33.08	68.30	17.68	V
17363.500	53.67	-24.13	41.89	35.91	68.30	14.63	H
17552.500	53.45	-24.29	41.95	35.79	68.30	14.85	V

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5147.858	62.09	-23.57	32.90	52.76	74.00	11.91	V
5149.852	63.20	-23.56	32.90	53.86	74.00	10.80	V
10380.000	47.12	-30.22	38.58	38.76	68.30	21.18	V
15570.000	47.57	-25.64	38.50	34.71	74.00	26.43	H
17098.000	52.69	-23.99	41.39	35.28	68.30	15.61	H
17467.000	52.80	-24.27	42.00	35.07	68.30	15.50	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)
5179.600	58.84	-23.20	32.90	49.14	68.30	9.46	V
5282.400	57.69	-23.36	32.96	48.09	68.30	10.61	V
10460.000	47.38	-30.39	38.66	39.11	68.30	20.92	V
15690.000	46.83	-25.58	38.59	33.82	74.00	27.17	H
17443.000	52.94	-24.29	42.00	35.23	68.30	15.36	V
17708.500	52.72	-24.33	41.79	35.26	68.30	15.58	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)
5227.200	63.07	-23.31	32.90	53.49	68.30	5.23	V
5314.400	62.92	-22.93	33.03	52.82	68.30	5.38	H
10540.000	48.00	-30.33	38.70	39.62	68.30	20.30	H
15810.000	47.86	-25.15	38.61	34.40	74.00	26.14	V
17315.000	54.62	-24.05	41.75	36.93	68.30	13.68	H
17463.500	53.39	-24.28	42.00	35.66	68.30	14.91	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)
5350.907	63.57	-23.35	33.10	53.81	74.00	10.43	V
5354.038	63.56	-23.32	33.12	53.77	74.00	10.44	V
10620.000	45.12	-30.79	38.70	37.21	74.00	28.88	H
15930.000	48.61	-25.03	38.76	34.87	74.00	25.39	H
17330.500	54.48	-24.09	41.79	36.78	68.30	13.82	H
17468.500	53.30	-24.26	42.00	35.57	68.30	14.99	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)
5465.659	61.51	-22.93	33.63	50.81	74.00	12.49	V
5469.559	61.81	-22.94	33.64	51.11	74.00	12.19	H
11020.000	47.36	-30.41	38.58	39.20	74.00	26.64	V
16530.000	48.54	-24.92	40.07	33.39	68.30	19.76	H
17351.500	53.48	-24.13	41.85	35.75	68.30	14.82	H
17560.000	53.50	-24.26	41.94	35.82	68.30	14.80	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)
5550.400	61.64	-22.89	33.90	50.62	68.30	6.66	H
5633.800	60.79	-23.10	33.90	49.99	68.30	7.51	V
11180.000	46.04	-30.48	38.50	38.02	74.00	27.96	H
16770.000	50.04	-24.72	40.61	34.15	68.30	18.26	V
17235.000	52.70	-24.03	41.57	35.16	68.30	15.59	V
17582.000	52.23	-24.19	41.92	34.51	68.30	16.06	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)
5725.937	58.73	-22.62	34.05	47.31	68.30	9.57	V
5727.525	58.95	-22.63	34.06	47.53	68.30	9.35	H
11340.000	45.50	-30.13	38.74	36.89	74.00	28.50	V
17010.000	48.32	-24.91	41.13	32.10	68.30	19.98	H
17498.000	53.95	-24.19	42.00	36.15	68.30	14.34	H
17646.000	52.53	-24.06	41.85	34.73	68.30	15.77	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)
5666.800	60.68	-22.70	33.93	49.45	68.30	7.62	H
5747.800	59.83	-22.67	34.10	48.40	68.30	8.47	V
11420.000	46.68	-29.54	38.84	37.38	74.00	27.32	H
17130.000	50.02	-23.92	41.43	32.51	68.30	18.28	V
17382.000	53.84	-24.14	41.95	36.03	68.30	14.46	V
17680.500	53.32	-24.20	41.82	35.69	68.30	14.98	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)
5144.007	60.13	-23.59	32.89	50.83	74.00	13.87	H
5148.750	61.02	-23.57	32.90	51.70	74.00	12.98	V
10360.000	46.39	-30.25	38.56	38.07	68.30	21.91	V
15540.000	47.54	-25.77	38.50	34.81	74.00	26.46	V
17160.500	52.65	-23.93	41.46	35.11	68.30	15.65	V
17476.500	52.48	-24.24	42.00	34.73	68.30	15.82	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)
5162.800	59.83	-23.29	32.90	50.22	68.30	8.47	H
5233.200	60.77	-23.34	32.90	51.21	68.30	7.53	V
10400.000	46.64	-30.19	38.60	38.23	68.30	21.66	V
15600.000	46.64	-25.40	38.50	33.54	74.00	27.36	H
17309.000	53.72	-24.04	41.73	36.04	68.30	14.58	H
17484.000	52.67	-24.23	42.00	34.89	68.30	15.63	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)
5199.400	58.71	-23.01	32.90	48.83	68.30	9.59	H
5274.000	59.64	-23.19	32.95	49.88	68.30	8.66	H
10480.000	46.83	-30.24	38.68	38.40	68.30	21.47	V
15720.000	47.28	-25.41	38.60	34.09	74.00	26.72	H
17349.500	53.64	-24.13	41.85	35.92	68.30	14.66	V
17731.000	52.46	-24.46	41.77	35.15	68.30	15.84	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)
5221.800	59.91	-23.25	32.90	50.26	68.30	8.39	V
5298.400	58.37	-23.25	33.00	48.62	68.30	9.93	V
10520.000	47.60	-30.21	38.70	39.11	68.30	20.70	V
15780.000	48.47	-25.19	38.60	35.06	74.00	25.53	V
17100.500	52.97	-23.96	41.40	35.53	68.30	15.33	H
17444.000	53.84	-24.29	42.00	36.13	68.30	14.46	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)
5247.600	58.31	-23.22	32.90	48.63	68.30	9.99	V
5313.800	61.21	-22.94	33.03	51.12	68.30	7.09	H
10560.000	45.97	-30.48	38.70	37.75	68.30	22.33	V
15840.000	47.85	-24.90	38.64	34.11	74.00	26.15	H
17352.000	53.57	-24.13	41.86	35.85	68.30	14.73	H
17508.500	53.55	-24.21	41.99	35.77	68.30	14.75	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)
5350.893	61.96	-23.35	33.10	52.20	74.00	12.04	V
5351.797	61.95	-23.34	33.11	52.19	74.00	12.05	H
10640.000	44.53	-30.71	38.70	36.54	74.00	29.47	H
15960.000	48.21	-24.90	38.82	34.30	74.00	25.79	V
17220.500	52.94	-24.04	41.54	35.44	68.30	15.36	V
17642.500	53.32	-24.06	41.86	35.53	68.30	14.98	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)
5463.953	59.59	-22.93	33.63	48.90	68.30	8.70	V
5464.337	58.15	-22.93	33.63	47.45	68.30	10.15	V
11000.000	46.96	-30.34	38.60	38.70	74.00	27.04	H
16500.000	48.24	-25.00	40.10	33.14	68.30	20.06	H
17361.000	53.99	-24.13	41.88	36.24	68.30	14.31	V
17665.500	52.39	-24.12	41.83	34.67	68.30	15.91	V

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5496.200	56.73	-23.13	33.69	46.17	68.30	11.57	V
5634.200	58.27	-23.09	33.90	47.46	68.30	10.03	H
11160.000	46.66	-30.45	38.50	38.61	74.00	27.34	H
16740.000	50.24	-24.60	40.52	34.32	68.30	18.06	V
17386.500	53.42	-24.14	41.96	35.60	68.30	14.88	H
17604.000	53.08	-24.13	41.90	35.31	68.30	15.22	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)
5725.287	61.44	-22.62	34.05	50.01	68.30	6.86	V
5728.837	60.67	-22.64	34.06	49.25	68.30	7.63	H
11400.000	46.69	-29.43	38.80	37.33	74.00	27.31	H
17100.000	51.37	-23.96	41.40	33.93	68.30	16.93	H
17557.500	53.24	-24.27	41.94	35.57	68.30	15.06	V
17629.000	53.17	-24.08	41.87	35.39	68.30	15.12	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)
5690.800	59.52	-22.90	33.98	48.44	68.30	8.78	V
5754.200	59.64	-22.79	34.13	48.30	68.30	8.66	H
11440.000	46.17	-29.65	38.88	36.93	74.00	27.83	H
17160.000	50.45	-23.92	41.46	32.91	68.30	17.85	H
17434.000	52.88	-24.26	42.00	35.14	68.30	15.42	H
17575.000	53.00	-24.22	41.92	35.29	68.30	15.30	V

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5147.858	62.61	-23.57	32.90	53.29	74.00	11.39	H
5149.958	62.40	-23.56	32.90	53.06	74.00	11.60	H
10380.000	46.97	-30.22	38.58	38.61	68.30	21.33	V
15570.000	47.17	-25.64	38.50	34.31	74.00	26.83	V
17229.500	53.68	-24.03	41.56	36.16	68.30	14.62	H
17411.500	54.34	-24.18	42.00	36.52	68.30	13.96	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)
5181.800	59.83	-23.20	32.90	50.13	68.30	8.47	H
5281.800	58.70	-23.36	32.96	49.09	68.30	9.60	H
10460.000	46.84	-30.39	38.66	38.57	68.30	21.45	V
15690.000	46.52	-25.58	38.59	33.51	74.00	27.48	V
17219.000	53.22	-24.04	41.54	35.73	68.30	15.08	H
17490.000	53.26	-24.21	42.00	35.47	68.30	15.04	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)
5215.400	58.46	-23.14	32.90	48.70	68.30	9.84	H
5342.600	58.07	-23.25	33.09	48.24	68.30	10.23	H
10540.000	47.23	-30.33	38.70	38.86	68.30	21.07	H
15810.000	48.02	-25.15	38.61	34.56	74.00	25.98	H
17235.000	53.76	-24.03	41.57	36.22	68.30	14.54	H
17700.000	54.00	-24.29	41.80	36.49	68.30	14.30	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)
5350.083	63.41	-23.36	33.10	53.67	74.00	10.59	V
5354.376	64.31	-23.32	33.12	54.52	74.00	9.69	H
10620.000	45.48	-30.79	38.70	37.57	74.00	28.52	V
15930.000	47.95	-25.03	38.76	34.21	74.00	26.05	H
17337.000	53.44	-24.10	41.81	35.73	68.30	14.86	H
17600.000	53.20	-24.13	41.90	35.43	68.30	15.10	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)
5467.684	61.96	-22.93	33.64	51.26	68.30	6.34	H
5469.981	61.63	-22.94	33.64	50.93	68.30	6.66	H
11020.000	46.84	-30.41	38.58	38.68	74.00	27.16	V
16530.000	47.77	-24.92	40.07	32.63	68.30	20.53	H
17294.500	53.99	-24.02	41.69	36.32	68.30	14.31	V
17394.500	52.95	-24.14	41.98	35.10	68.30	15.35	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)
5541.600	59.00	-22.81	33.87	47.94	68.30	9.30	V
5634.200	60.30	-23.09	33.90	49.49	68.30	8.00	H
11180.000	45.62	-30.48	38.50	37.60	74.00	28.38	H
16770.000	49.75	-24.72	40.61	33.86	68.30	18.55	H
17304.500	53.30	-24.03	41.71	35.62	68.30	15.00	H
17361.500	53.37	-24.13	41.88	35.62	68.30	14.93	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)
5730.300	58.18	-22.65	34.06	46.77	68.30	10.12	H
5763.775	58.52	-22.96	34.21	47.27	68.30	9.78	V
11340.000	45.78	-30.13	38.74	37.17	74.00	28.22	V
17010.000	48.91	-24.91	41.13	32.70	68.30	19.38	V
17227.000	53.96	-24.04	41.55	36.44	68.30	14.34	V
17502.500	53.04	-24.19	42.00	35.23	68.30	15.26	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)
5660.200	58.01	-22.58	33.92	46.67	68.30	10.29	V
5753.800	58.40	-22.78	34.13	47.05	68.30	9.90	H
11420.000	45.95	-29.54	38.84	36.65	74.00	28.05	V
17130.000	51.29	-23.92	41.43	33.78	68.30	17.01	V
17248.500	53.94	-24.02	41.60	36.36	68.30	14.36	H
17471.500	53.67	-24.26	42.00	35.92	68.30	14.63	V

802.11ac-HT80

Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5147.717	61.87	-23.57	32.90	52.54	74.00	12.13	V
5148.452	61.94	-23.57	32.90	52.61	74.00	12.06	V
10420.000	46.02	-30.30	38.62	37.70	68.30	22.28	V
15630.000	47.71	-25.45	38.53	34.63	74.00	26.29	V
17530.500	53.03	-24.25	41.97	35.31	68.30	15.27	V
17571.000	53.87	-24.23	41.93	36.17	68.30	14.43	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)
5352.108	61.98	-23.34	33.11	52.21	74.00	12.02	V
5360.977	61.58	-23.27	33.14	51.71	74.00	12.42	V
10580.000	45.77	-30.68	38.70	37.74	68.30	22.53	H
15870.000	47.84	-24.99	38.67	34.15	74.00	26.16	H
17349.500	53.16	-24.13	41.85	35.44	68.30	15.14	V
17700.000	54.00	-24.29	41.80	36.49	68.30	14.30	V

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)
5465.162	62.82	-22.93	33.63	52.12	68.30	5.48	V
5468.143	62.84	-22.93	33.64	52.14	68.30	5.46	V
11060.000	46.38	-30.52	38.54	38.36	74.00	27.62	V
16590.000	48.59	-24.34	40.01	32.92	68.30	19.71	H
17256.500	53.24	-24.02	41.61	35.65	68.30	15.06	V
17589.000	53.16	-24.17	41.91	35.42	68.30	15.14	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)
5740.612	58.37	-22.60	34.08	46.89	68.30	9.93	H
5800.100	58.68	-22.41	34.50	46.59	68.30	9.62	H
11220.000	46.62	-30.22	38.54	38.30	74.00	27.38	H
16830.000	49.04	-25.16	40.76	33.44	68.30	19.26	H
17300.000	53.39	-24.02	41.70	35.72	68.30	14.91	V
17380.500	53.31	-24.14	41.94	35.50	68.30	14.99	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)
5609.600	62.39	-22.57	33.90	51.06	68.30	5.91	H
5754.400	60.39	-22.79	34.14	49.05	68.30	7.91	H
11380.000	47.15	-29.73	38.78	38.10	74.00	26.85	V
17030.000	49.89	-24.74	41.19	33.44	68.30	18.41	H
17535.000	53.62	-24.26	41.96	35.92	68.30	14.67	V
17626.500	53.66	-24.09	41.87	35.87	68.30	14.64	V

Conclusion: PASS

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 Powerline Conducted Emission (150kHz- 30MHz)

Summary

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section

Method of Measurement:

See Clause 6.2 of ANSI C63.10 specifically.

See Clause 4 and Clause 5 of ANSI C63.10 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.

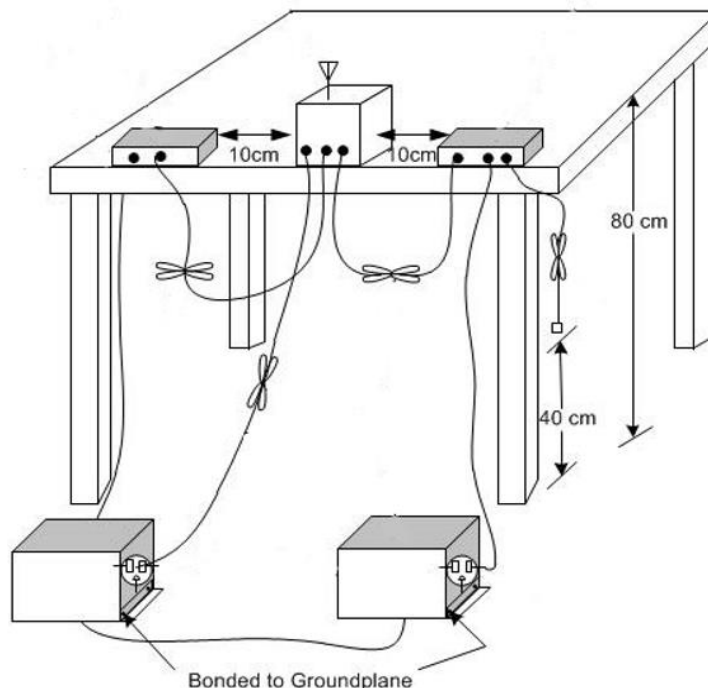
The measurement bandwidth is:

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

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Test setup

**Measurement Result and limit:**

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.58	Fig.59	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.58	Fig.59	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Conclusion: PASS

Test graphs as below:

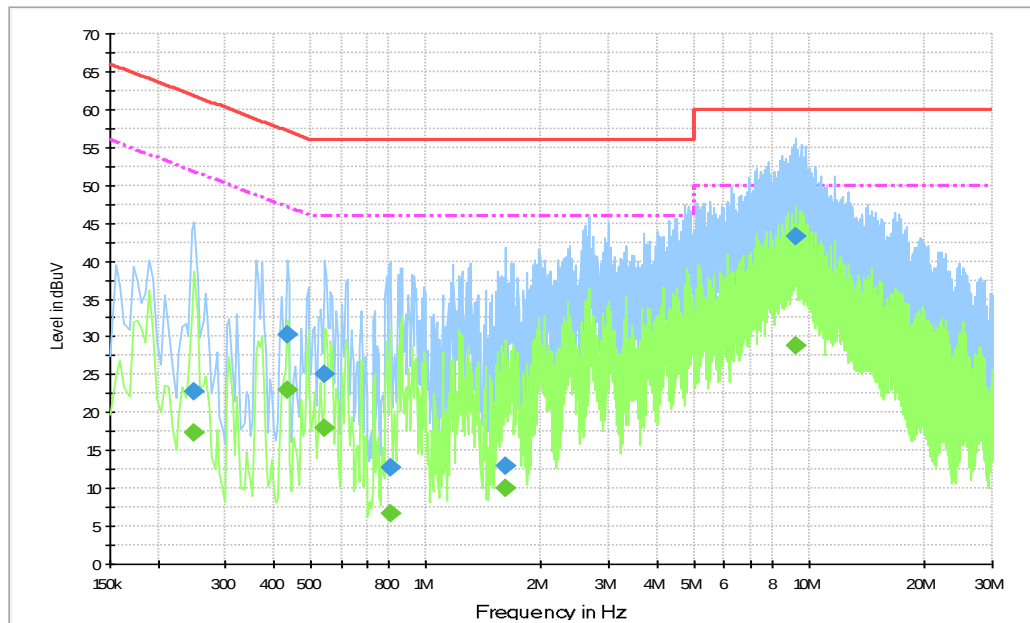


Fig.58 Conducted Emission (802.11a, Ch40, TX)

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.249000	22.8	2000.	9.000	L1	19.4	39.0	61.8
0.433500	30.2	2000.	9.000	L1	19.5	26.9	57.2
0.546000	25.1	2000.	9.000	L1	19.5	30.9	56.0
0.807000	12.8	2000.	9.000	L1	19.5	43.2	56.0
1.612500	12.9	2000.	9.000	N	19.5	43.1	56.0
9.235500	43.2	2000.	9.000	L1	19.7	16.8	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.249000	17.3	2000.0	9.000	L1	19.4	34.5	51.8
0.433500	23.0	2000.0	9.000	L1	19.5	24.2	47.2
0.546000	18.0	2000.0	9.000	L1	19.5	28.0	46.0
0.807000	6.7	2000.0	9.000	N	19.5	39.3	46.0
1.612500	10.0	2000.0	9.000	L1	19.5	36.0	46.0
9.235500	28.9	2000.0	9.000	L1	19.4	34.5	51.8

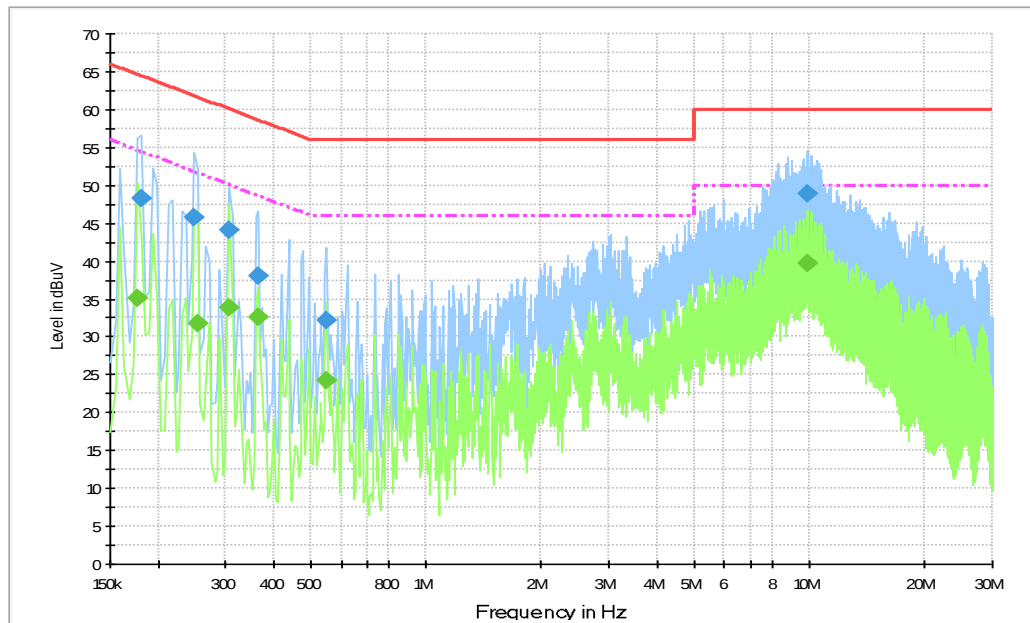


Fig.59 Conducted Emission (802.11a, IDLE)

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.181500	48.3	2000.	9.000	N	19.5	16.1	64.4
0.249000	45.8	2000.	9.000	L1	19.4	16.0	61.8
0.307500	44.0	2000.	9.000	N	19.5	16.0	60.0
0.366000	38.1	2000.	9.000	N	19.4	20.5	58.6
0.550500	32.2	2000.	9.000	N	19.5	23.8	56.0
9.892500	49.0	2000.	9.000	L1	19.7	11.0	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.177000	35.0	2000.0	9.000	L1	19.4	19.6	54.6
0.253500	31.8	2000.0	9.000	L1	19.4	19.8	51.6
0.307500	33.8	2000.0	9.000	L1	19.5	16.3	50.0
0.366000	32.6	2000.0	9.000	L1	19.4	16.0	48.6
0.550500	24.2	2000.0	9.000	N	19.5	21.8	46.0
9.892500	39.6	2000.0	9.000	L1	19.7	10.4	50.0

A.8. 99% Occupied bandwidth

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz
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EUT ID: UT28a

Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.60	17.12	P
	5200 MHz	Fig.61	17.10	P
	5240 MHz	Fig.62	17.09	P
802.11n HT20	5180 MHz	Fig.63	18.26	P
	5200 MHz	Fig.64	18.20	P
	5240 MHz	Fig.65	18.22	P
802.11ac (VHT40)	5190 MHz	Fig.66	36.48	P
	5230 MHz	Fig.67	36.52	P
802.11ac (VHT80)	5210 MHz	Fig.68	75.77	P

Test graphs as below:



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



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

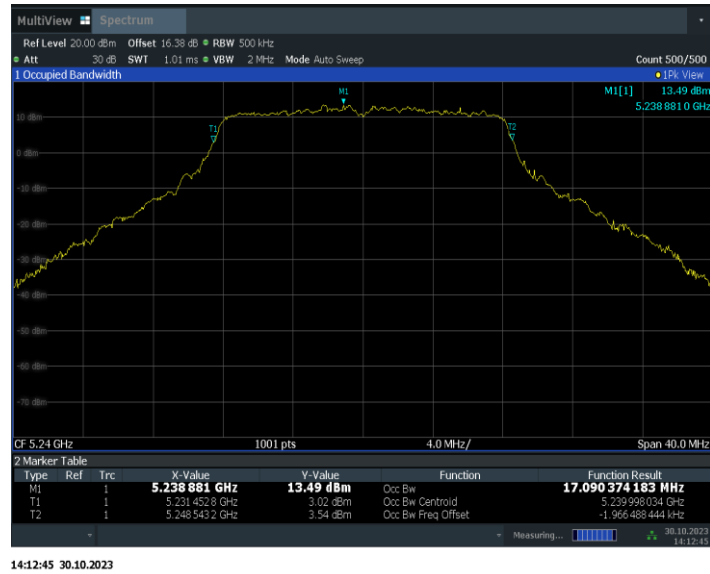


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)



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

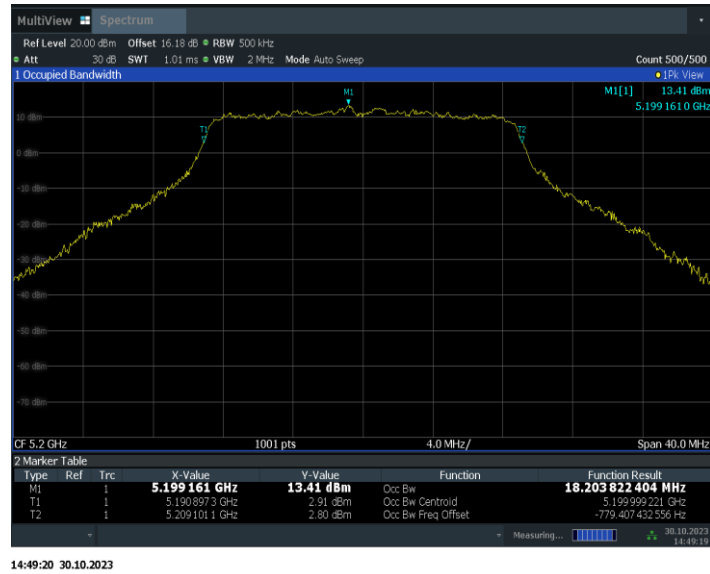


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)



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

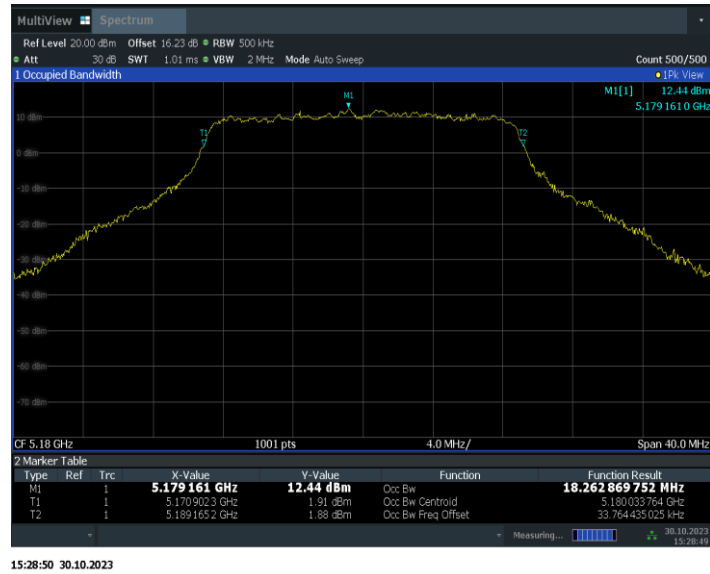


Fig.66 99% Occupied bandwidth (802.11ac-VHT20, 5180MHz)

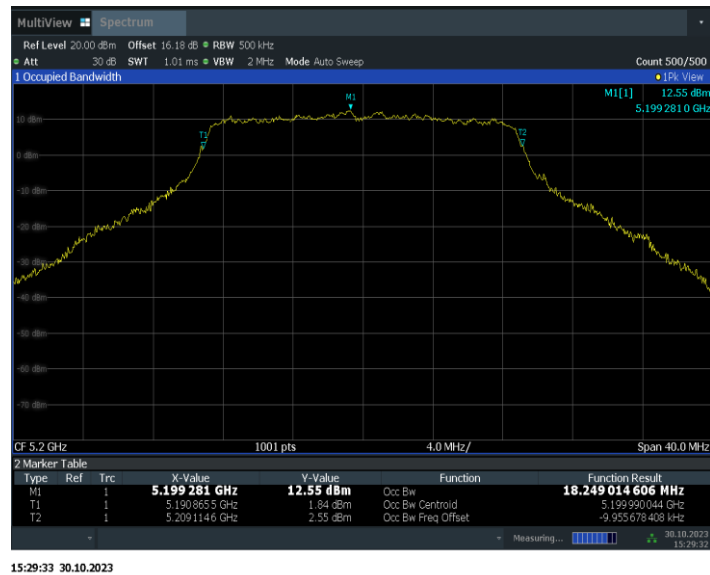


Fig.67 99% Occupied bandwidth (802.11ac-VHT20, 5200MHz)

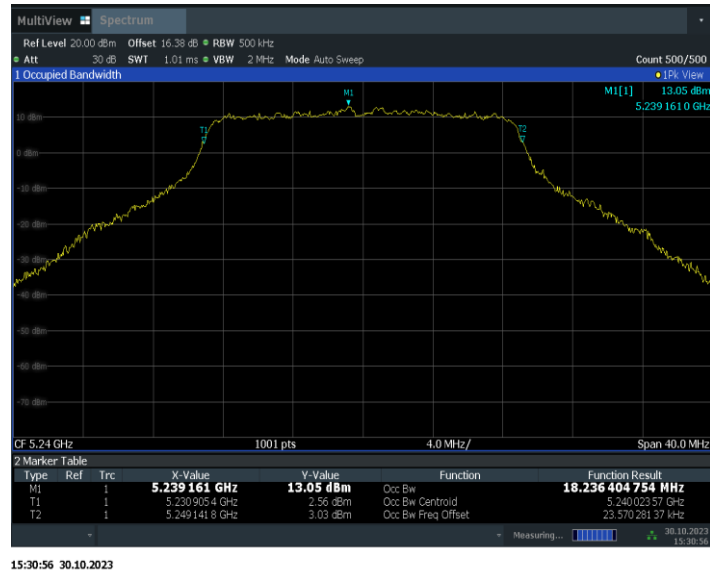


Fig.68 99% Occupied bandwidth (802.11ac-VHT20, 5240MHz)



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

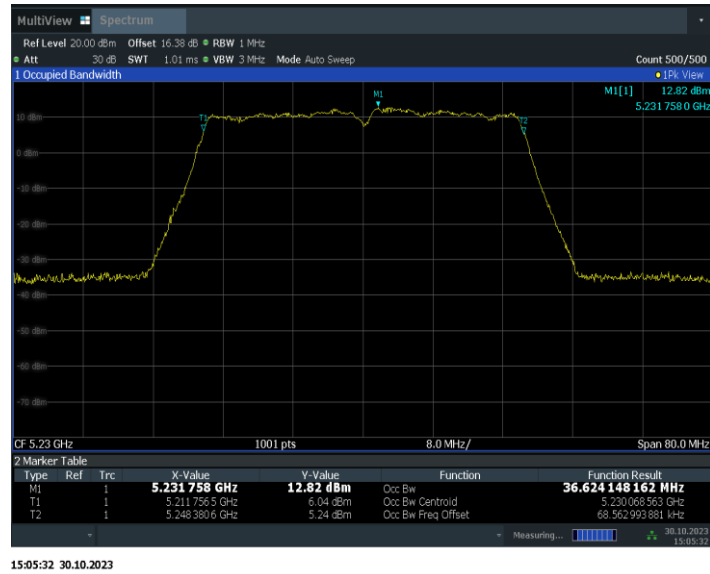


Fig.70 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

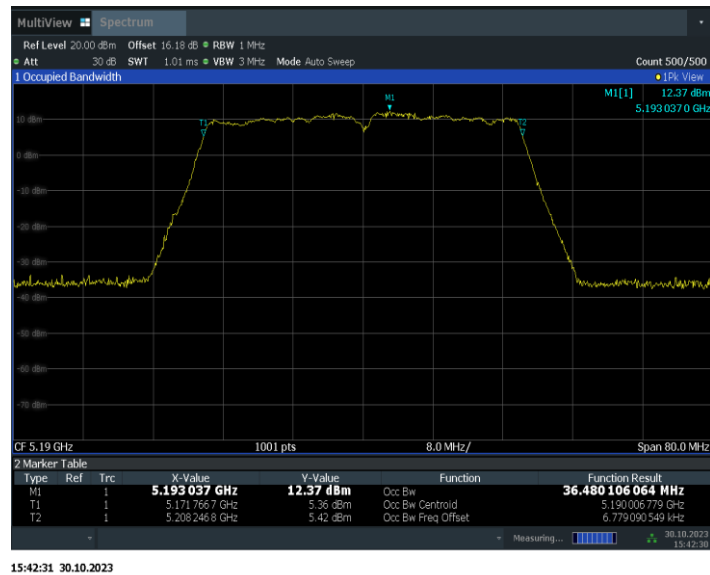


Fig.71 99% Occupied bandwidth (802.11ac-VHT40, 5190MHz)



Fig.72 99% Occupied bandwidth (802.11ac-VHT40, 5230MHz)

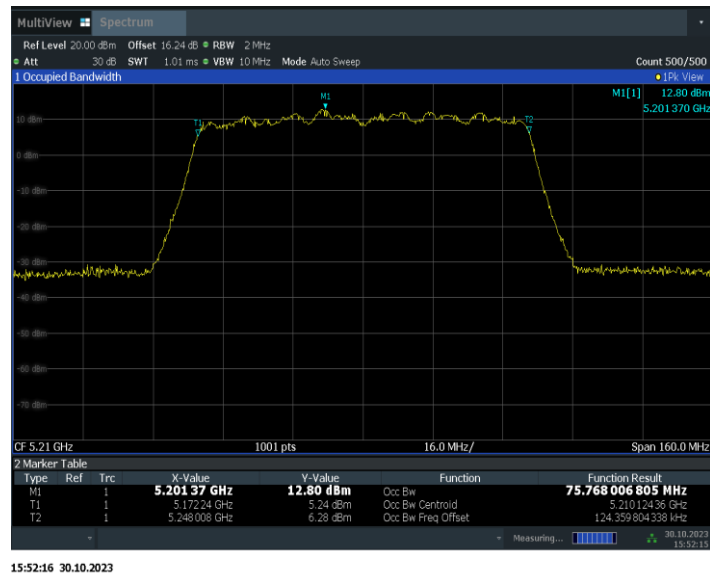


Fig.73 99% Occupied bandwidth (802.11ac-VHT80, 5210MHz)

Conclusion: PASS

A.9. Power control

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

ANNEX B: EUT parameters

Disclaimer: The antenna gain 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



*** END OF REPORT BODY ***