

Fig.54 Band Edges (802.11ac-HT80, 5210MHz)

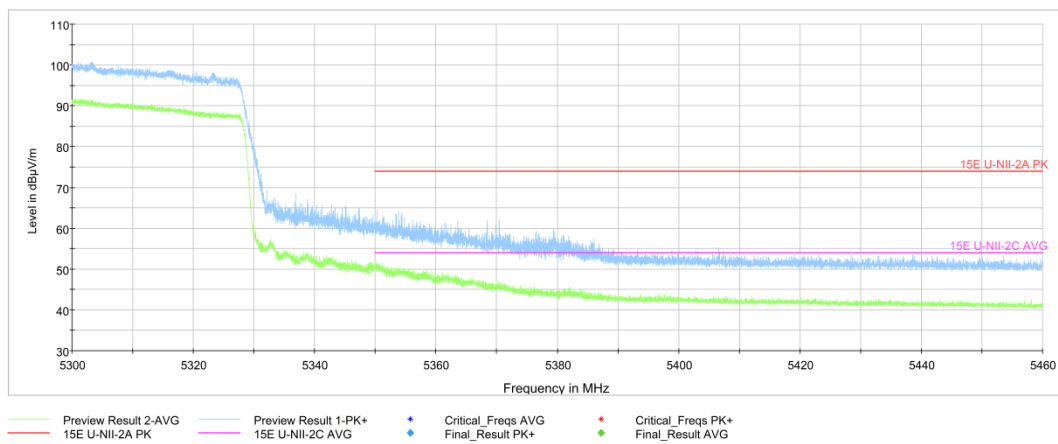


Fig.55 Band Edges (802.11ac-HT80, 5290MHz)

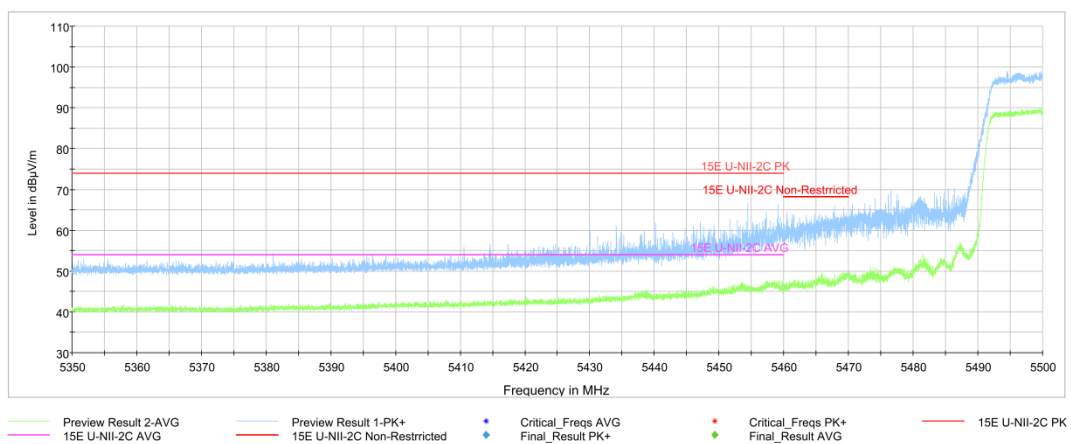


Fig.56 Band Edges (802.11ac-HT80, 5530MHz)

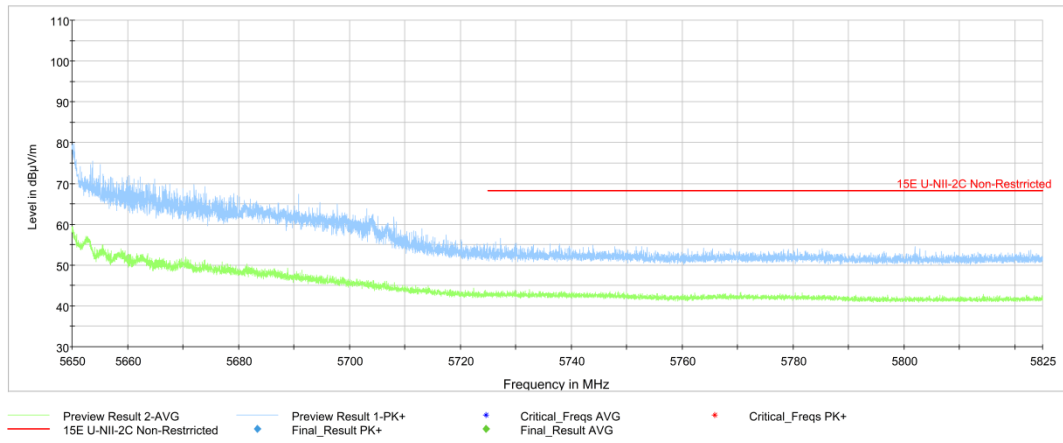


Fig.57 Band Edges (802.11ac-HT80, 5610MHz)

A.6. Transmitter Spurious Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

Measurement Results:

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result= $P_{Mea}+A_{Rpl}= P_{Mea}+Cable Loss+Antenna Factor$

Average
82.11a

Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17929.05	39.47	-25.50	46.66	18.31	54.00	14.53	V
17900.45	39.41	-25.50	46.66	18.25	54.00	14.59	V
13279.35	36.87	-29.67	39.55	26.99	54.00	17.13	V
13271.65	36.65	-29.67	39.55	26.77	54.00	17.35	H
5149.70	50.27	-27.61	33.67	44.21	54.00	3.73	H
5148.50	50.03	-27.61	33.67	43.97	54.00	3.97	H

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17956.00	39.39	-25.50	46.66	18.23	54.00	14.61	H
17894.95	39.18	-25.50	46.66	18.02	54.00	14.82	V
14480.55	36.45	-28.59	42.46	22.58	54.00	17.55	V
13303.00	36.37	-29.49	39.71	26.15	54.00	17.63	H
10931.95	36.09	-32.82	38.70	30.21	54.00	17.91	H
10860.45	35.82	-32.33	38.59	29.56	54.00	18.18	V

Channel 48

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17903.75	39.48	-25.50	46.66	18.32	54.00	14.52	H
17970.85	39.48	-25.50	46.66	18.32	54.00	14.52	V
14491.55	36.61	-28.59	42.46	22.74	54.00	17.39	H
14499.25	36.54	-28.59	42.46	22.67	54.00	17.46	H
10936.35	36.08	-32.82	38.70	30.20	54.00	17.92	H
10749.35	35.90	-32.77	38.49	30.18	54.00	18.10	H

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17894.40	39.56	-25.50	46.66	18.40	54.00	14.44	H
17893.30	39.25	-25.50	46.66	18.09	54.00	14.75	V
13300.80	37.00	-29.49	39.71	26.78	54.00	17.00	V
14499.25	36.84	-28.59	42.46	22.97	54.00	17.16	H
10637.15	36.08	-32.76	38.38	30.46	54.00	17.92	V
11525.40	36.02	-32.26	38.84	29.45	54.00	17.98	V

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17895.50	39.49	-25.50	46.66	18.33	54.00	14.51	V
17883.95	39.32	-25.50	46.66	18.16	54.00	14.68	V
13271.65	36.91	-29.67	39.55	27.03	54.00	17.09	H
13283.75	36.62	-29.67	39.55	26.74	54.00	17.38	H
10661.35	35.86	-32.76	38.38	30.24	54.00	18.14	V
10938.00	35.78	-32.82	38.70	29.90	54.00	18.22	H

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17919.70	39.46	-25.50	46.66	18.30	54.00	14.54	H
17881.75	39.43	-25.50	46.66	18.27	54.00	14.57	H
14499.80	36.85	-28.59	42.46	22.98	54.00	17.15	V
14492.65	36.64	-28.59	42.46	22.77	54.00	17.36	V
5350.70	47.30	-27.43	34.01	40.72	54.00	6.70	H
5352.19	46.79	-27.43	34.01	40.21	54.00	7.21	H

Channel 100

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17984.60	40.78	-25.50	46.66	19.62	54.00	13.22	V
17980.20	40.60	-25.50	46.66	19.44	54.00	13.40	V
13327.20	37.70	-29.49	39.71	27.48	54.00	16.30	H
13323.35	37.66	-29.49	39.71	27.44	54.00	16.34	H
5459.52	44.11	-27.18	34.17	37.12	54.00	9.89	H
5456.76	44.02	-27.18	34.17	37.03	54.00	9.98	H

Channel 120

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17959.85	41.01	-25.50	46.66	19.85	54.00	12.99	H
17947.75	40.99	-25.50	46.66	19.83	54.00	13.01	H
14485.50	37.90	-28.59	42.46	24.03	54.00	16.10	V
14494.85	37.71	-28.59	42.46	23.84	54.00	16.29	H
11822.95	36.58	-31.85	39.05	29.38	54.00	17.42	V
11859.80	36.50	-31.85	39.05	29.30	54.00	17.50	H

Channel 140

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17979.65	41.10	-25.50	46.66	19.94	54.00	12.90	H
17952.15	40.85	-25.50	46.66	19.69	54.00	13.15	H
13327.20	37.60	-29.49	39.71	27.38	54.00	16.40	H
14498.70	37.56	-28.59	42.46	23.69	54.00	16.44	V
11857.05	36.38	-31.85	39.05	29.18	54.00	17.62	H
11868.60	36.32	-31.85	39.05	29.12	54.00	17.68	V

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Channel 36

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17891.10	39.04	-25.50	46.66	17.88	54.00	14.96	V
17877.35	39.01	-25.50	46.66	17.85	54.00	14.99	H
14489.90	37.02	-28.59	42.46	23.15	54.00	16.98	V
13347.55	36.24	-29.49	39.71	26.02	54.00	17.76	V
5149.76	51.33	-27.61	33.67	45.27	54.00	2.67	H
5149.90	50.96	-27.61	33.67	44.90	54.00	3.04	H

Channel 40

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17940.05	39.45	-25.50	46.66	18.29	54.00	14.55	H
17909.80	39.31	-25.50	46.66	18.15	54.00	14.69	V
13292.00	36.64	-29.49	39.71	26.42	54.00	17.36	V
14492.65	36.59	-28.59	42.46	22.72	54.00	17.41	V
11467.10	36.18	-32.26	38.84	29.61	54.00	17.82	H
10873.10	35.92	-32.33	38.59	29.66	54.00	18.08	V

Channel 48

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17798.70	39.24	-25.50	46.66	18.08	54.00	14.76	V
17791.00	39.17	-25.50	46.66	18.01	54.00	14.83	H
13298.05	36.59	-29.49	39.71	26.37	54.00	17.41	V
14497.60	36.40	-28.59	42.46	22.53	54.00	17.60	H
10751.55	36.06	-32.77	38.49	30.34	54.00	17.94	H
10637.15	35.93	-32.76	38.38	30.31	54.00	18.07	V

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17911.45	39.67	-25.50	46.66	18.51	54.00	14.33	H
17914.20	39.50	-25.50	46.66	18.34	54.00	14.50	V
13295.30	37.00	-29.49	39.71	26.78	54.00	17.00	H
14488.80	36.77	-28.59	42.46	22.90	54.00	17.23	H
10863.75	36.41	-32.33	38.59	30.15	54.00	17.59	H
11940.65	36.39	-31.48	39.09	28.78	54.00	17.61	H

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17897.70	39.48	-25.50	46.66	18.32	54.00	14.52	H
17782.75	39.43	-25.50	46.66	18.27	54.00	14.57	H
13297.50	36.95	-29.49	39.71	26.73	54.00	17.05	V
13261.75	36.75	-29.67	39.55	26.87	54.00	17.25	V
10873.65	36.13	-32.33	38.59	29.87	54.00	17.87	V
10650.35	36.05	-32.76	38.38	30.43	54.00	17.95	V

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17894.95	39.49	-25.50	46.66	18.33	54.00	14.51	H
17908.15	39.35	-25.50	46.66	18.19	54.00	14.65	H
14489.90	36.80	-28.59	42.46	22.93	54.00	17.20	H
13290.90	36.74	-29.67	39.55	26.86	54.00	17.26	H
5350.00	49.00	-27.43	34.01	42.42	54.00	5.00	H
5350.61	48.92	-27.43	34.01	42.34	54.00	5.08	H

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17928.50	40.79	-25.50	46.66	19.63	54.00	13.21	H
17927.95	40.72	-25.50	46.66	19.56	54.00	13.28	H
13322.25	37.74	-29.49	39.71	27.52	54.00	16.26	V
14498.15	37.63	-28.59	42.46	23.76	54.00	16.37	H
5453.11	44.03	-27.18	34.17	37.04	54.00	9.97	H
5455.39	43.93	-27.18	34.17	36.94	54.00	10.07	H

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17803.10	41.04	-25.50	46.66	19.88	54.00	12.96	H
17936.20	40.97	-25.50	46.66	19.81	54.00	13.03	H
13298.05	37.84	-29.49	39.71	27.62	54.00	16.16	H
13261.75	37.74	-29.67	39.55	27.86	54.00	16.26	V
11882.90	36.45	-31.85	39.05	29.25	54.00	17.55	H
10861.55	36.41	-32.33	38.59	30.15	54.00	17.59	V

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17953.80	41.03	-25.50	46.66	19.87	54.00	12.97	H
17962.05	40.81	-25.50	46.66	19.65	54.00	13.19	H
14493.75	37.66	-28.59	42.46	23.79	54.00	16.34	H
13307.40	37.59	-29.49	39.71	27.37	54.00	16.41	H
11879.05	36.40	-31.85	39.05	29.20	54.00	17.60	V
11793.25	36.37	-31.99	38.98	29.38	54.00	17.63	V

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17905.40	39.53	-25.50	46.66	18.37	54.00	14.47	H
17872.95	39.46	-25.50	46.66	18.30	54.00	14.54	V
14497.05	36.63	-28.59	42.46	22.76	54.00	17.37	V
13273.85	36.59	-29.67	39.55	26.71	54.00	17.41	V
5150.00	50.19	-27.61	33.67	44.13	54.00	3.81	H
5149.32	50.13	-27.61	33.67	44.07	54.00	3.87	H

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17902.10	39.61	-25.50	46.66	18.45	54.00	14.39	H
17899.35	39.55	-25.50	46.66	18.39	54.00	14.45	H
13274.95	36.99	-29.67	39.55	27.11	54.00	17.01	V
14478.35	36.96	-28.59	42.46	23.09	54.00	17.04	V
10868.70	35.95	-32.33	38.59	29.69	54.00	18.05	V
10961.65	35.89	-32.82	38.70	30.01	54.00	18.11	H

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17948.85	39.86	-25.50	46.66	18.70	54.00	14.14	V
17930.70	39.42	-25.50	46.66	18.26	54.00	14.58	H
13285.95	36.64	-29.67	39.55	26.76	54.00	17.36	V
13266.15	36.58	-29.67	39.55	26.70	54.00	17.42	V
11869.15	35.91	-31.85	39.05	28.71	54.00	18.09	H
11541.35	35.86	-32.26	38.84	29.29	54.00	18.14	V

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17785.50	39.54	-25.50	46.66	18.38	54.00	14.46	V
17893.30	39.30	-25.50	46.66	18.14	54.00	14.70	V
13276.60	36.77	-29.67	39.55	26.89	54.00	17.23	H
13293.65	36.77	-29.49	39.71	26.55	54.00	17.23	H
5350.54	48.88	-27.43	34.01	42.30	54.00	5.12	H
5350.13	48.86	-27.43	34.01	42.28	54.00	5.14	H

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17967.55	41.09	-25.50	46.66	19.93	54.00	12.91	V
17916.40	40.92	-25.50	46.66	19.76	54.00	13.08	V
14482.20	38.04	-28.59	42.46	24.17	54.00	15.96	H
13336.00	37.67	-29.49	39.71	27.45	54.00	16.33	H
5453.32	44.41	-27.18	34.17	37.42	54.00	9.59	H
5458.35	44.12	-27.18	34.17	37.13	54.00	9.88	H

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17974.70	41.18	-25.50	46.66	20.02	54.00	12.82	H
17898.25	40.99	-25.50	46.66	19.83	54.00	13.01	H
13333.80	37.60	-29.49	39.71	27.38	54.00	16.40	V
13307.95	37.54	-29.49	39.71	27.32	54.00	16.46	H
11872.45	36.49	-31.85	39.05	29.29	54.00	17.51	V
11846.05	36.43	-31.85	39.05	29.23	54.00	17.57	V

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17914.20	40.85	-25.50	46.66	19.69	54.00	13.15	V
17948.30	40.68	-25.50	46.66	19.52	54.00	13.32	H
13329.95	37.69	-29.49	39.71	27.47	54.00	16.31	V
13324.45	37.59	-29.49	39.71	27.37	54.00	16.41	H
11793.25	36.65	-31.99	38.98	29.66	54.00	17.35	V
11868.05	36.55	-31.85	39.05	29.35	54.00	17.45	V

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Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17903.75	39.58	-25.50	46.66	18.42	54.00	14.42	H
17903.20	38.86	-25.50	46.66	17.70	54.00	15.14	V
14488.25	36.58	-28.59	42.46	22.71	54.00	17.42	H
14478.90	36.56	-28.59	42.46	22.69	54.00	17.44	H
5149.94	51.34	-27.61	33.67	45.28	54.00	2.66	H
5149.82	50.40	-27.61	33.67	44.34	54.00	3.60	H

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17923.00	39.22	-25.50	46.66	18.06	54.00	14.78	V
17909.25	39.16	-25.50	46.66	18.00	54.00	14.84	V
13294.75	36.70	-29.49	39.71	26.48	54.00	17.30	H
13283.20	36.40	-29.67	39.55	26.52	54.00	17.60	V
11457.20	36.36	-32.26	38.84	29.79	54.00	17.64	V
11602.95	35.78	-32.31	38.91	29.19	54.00	18.22	V

Channel 48

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17882.30	39.33	-25.50	46.66	18.17	54.00	14.67	V
17916.95	39.30	-25.50	46.66	18.14	54.00	14.70	V
13272.20	36.71	-29.67	39.55	26.83	54.00	17.29	H
13298.05	36.59	-29.49	39.71	26.37	54.00	17.41	H
11398.90	35.98	-32.42	38.79	29.61	54.00	18.02	H
10859.35	35.86	-32.33	38.59	29.60	54.00	18.14	V

Channel 52

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17904.30	40.06	-25.50	46.66	18.90	54.00	13.94	H
17905.95	39.92	-25.50	46.66	18.76	54.00	14.08	H
13272.75	36.97	-29.67	39.55	27.09	54.00	17.03	V
13290.90	36.92	-29.67	39.55	27.04	54.00	17.08	V
10964.95	36.39	-32.82	38.70	30.51	54.00	17.61	V
10956.15	35.97	-32.82	38.70	30.09	54.00	18.03	V

Channel 56

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17920.25	39.76	-25.50	46.66	18.60	54.00	14.24	H
17880.65	39.54	-25.50	46.66	18.38	54.00	14.46	V
14498.70	36.76	-28.59	42.46	22.89	54.00	17.24	H
13294.20	36.66	-29.49	39.71	26.44	54.00	17.34	H
10753.75	36.05	-32.77	38.49	30.33	54.00	17.95	V
11411.00	35.77	-32.42	38.79	29.40	54.00	18.23	H

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17899.90	40.08	-25.50	46.66	18.92	54.00	13.92	V
17892.20	39.69	-25.50	46.66	18.53	54.00	14.31	H
14483.85	36.76	-28.59	42.46	22.89	54.00	17.24	H
14495.95	36.63	-28.59	42.46	22.76	54.00	17.37	H
5350.38	51.01	-27.43	34.01	44.43	54.00	2.99	H
5350.02	50.71	-27.43	34.01	44.13	54.00	3.29	H

Channel 100

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17993.95	40.95	-25.50	46.66	19.79	54.00	13.05	V
17924.10	40.79	-25.50	46.66	19.63	54.00	13.21	H
14499.80	37.86	-28.59	42.46	23.99	54.00	16.14	V
13333.80	37.75	-29.49	39.71	27.53	54.00	16.25	H
5452.54	44.20	-27.18	34.17	37.21	54.00	9.80	H
5429.49	44.04	-27.18	34.17	37.05	54.00	9.96	H

Channel 120

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17950.50	40.86	-25.50	46.66	19.70	54.00	13.14	H
17917.50	40.73	-25.50	46.66	19.57	54.00	13.27	H
13309.05	37.74	-29.49	39.71	27.52	54.00	16.26	V
13334.35	37.68	-29.49	39.71	27.46	54.00	16.32	V
11889.50	36.44	-31.85	39.05	29.24	54.00	17.56	H
10858.80	36.41	-32.33	38.59	30.15	54.00	17.59	V

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17997.25	40.98	-25.50	46.66	19.82	54.00	13.02	V
17979.10	40.77	-25.50	46.66	19.61	54.00	13.23	V
14493.75	37.96	-28.59	42.46	24.09	54.00	16.04	H
14494.85	37.82	-28.59	42.46	23.95	54.00	16.18	V
11870.80	36.45	-31.85	39.05	29.25	54.00	17.55	H
11885.10	36.42	-31.85	39.05	29.22	54.00	17.58	H

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17972.50	39.43	-25.50	46.66	18.27	54.00	14.57	V
17913.10	39.41	-25.50	46.66	18.25	54.00	14.59	H
13291.45	36.89	-29.49	39.71	26.67	54.00	17.11	V
13275.50	36.72	-29.67	39.55	26.84	54.00	17.28	H
5149.98	53.06	-27.61	33.67	47.00	54.00	0.94	H
5149.26	52.68	-27.61	33.67	46.62	54.00	1.32	H

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17909.25	39.44	-25.50	46.66	18.28	54.00	14.56	V
17900.45	39.40	-25.50	46.66	18.24	54.00	14.60	H
13261.75	37.08	-29.67	39.55	27.20	54.00	16.92	H
13257.35	36.50	-29.67	39.55	26.62	54.00	17.50	H
10857.70	35.98	-32.33	38.59	29.72	54.00	18.02	H
11935.70	35.84	-31.48	39.09	28.23	54.00	18.16	V

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17896.05	39.71	-25.50	46.66	18.55	54.00	14.29	H
17920.80	39.52	-25.50	46.66	18.36	54.00	14.48	V
13284.30	36.81	-29.67	39.55	26.93	54.00	17.19	V
13295.30	36.68	-29.49	39.71	26.46	54.00	17.32	H
11390.10	36.31	-32.42	38.79	29.94	54.00	17.69	H
10881.35	35.90	-32.33	38.59	29.64	54.00	18.10	V

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17890.55	39.97	-25.50	46.66	18.81	54.00	14.03	H
17905.40	39.71	-25.50	46.66	18.55	54.00	14.29	H
14497.05	36.88	-28.59	42.46	23.01	54.00	17.12	V
14498.70	36.87	-28.59	42.46	23.00	54.00	17.13	V
5350.59	52.41	-27.43	34.01	45.83	54.00	1.59	H
5350.32	51.93	-27.43	34.01	45.35	54.00	2.07	H

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17936.20	40.73	-25.50	46.66	19.57	54.00	13.27	V
17992.30	40.69	-25.50	46.66	19.53	54.00	13.31	V
13323.90	37.72	-29.49	39.71	27.50	54.00	16.28	V
13255.70	37.54	-29.67	39.55	27.66	54.00	16.46	H
5459.05	44.16	-27.18	34.17	37.17	54.00	9.84	H
5448.22	44.14	-27.18	34.17	37.15	54.00	9.86	H

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17936.75	41.11	-25.50	46.66	19.95	54.00	12.89	V
17935.10	40.89	-25.50	46.66	19.73	54.00	13.11	H
13323.90	37.51	-29.49	39.71	27.29	54.00	16.49	V
13346.45	37.47	-29.49	39.71	27.25	54.00	16.53	V
11845.50	36.39	-31.85	39.05	29.19	54.00	17.61	V
11894.45	36.30	-31.85	39.05	29.10	54.00	17.70	H

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17951.60	40.83	-25.50	46.66	19.67	54.00	13.17	V
17913.65	40.82	-25.50	46.66	19.66	54.00	13.18	H
13334.35	37.85	-29.49	39.71	27.63	54.00	16.15	V
13343.70	37.77	-29.49	39.71	27.55	54.00	16.23	V
11854.85	36.46	-31.85	39.05	29.26	54.00	17.54	V
11781.70	36.41	-31.99	38.98	29.42	54.00	17.59	V

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Channel 42

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17947.20	40.80	-25.50	46.66	19.64	54.00	13.20	V
17957.10	40.72	-25.50	46.66	19.56	54.00	13.28	H
13323.35	37.67	-29.49	39.71	27.45	54.00	16.33	V
14485.50	37.62	-28.59	42.46	23.75	54.00	16.38	V
5149.90	52.83	-27.61	33.67	46.77	54.00	1.17	H
5149.60	52.68	-27.61	33.67	46.62	54.00	1.32	H

Channel 58

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17945.00	40.99	-25.50	46.66	19.83	54.00	13.01	H
17972.50	40.81	-25.50	46.66	19.65	54.00	13.19	V
13295.85	37.60	-29.49	39.71	27.38	54.00	16.40	V
13325.55	37.59	-29.49	39.71	27.37	54.00	16.41	H
5350.30	51.81	-27.43	34.01	45.23	54.00	2.19	H
5350.78	51.46	-27.43	34.01	44.88	54.00	2.54	H

Channel 106

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17912.00	40.82	-25.50	46.66	19.66	54.00	13.18	H
17946.10	40.69	-25.50	46.66	19.53	54.00	13.31	V
13333.80	37.60	-29.49	39.71	27.38	54.00	16.40	H
13259.00	37.56	-29.67	39.55	27.68	54.00	16.44	V
5458.63	47.82	-27.18	34.17	40.83	54.00	6.18	H
5458.56	47.68	-27.18	34.17	40.69	54.00	6.32	H

Channel 122

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17964.80	41.06	-25.50	46.66	19.90	54.00	12.94	H
17958.20	40.95	-25.50	46.66	19.79	54.00	13.05	V
13279.35	38.03	-29.67	39.55	28.15	54.00	15.97	V
13367.90	37.65	-29.49	39.71	27.43	54.00	16.35	H
11817.45	36.30	-31.85	39.05	29.10	54.00	17.70	V
11888.40	36.29	-31.85	39.05	29.09	54.00	17.71	V

Peak
82.11a

Channel 36

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17451.65	50.51	-26.85	45.25	32.11	68.20	17.69	V
17541.85	50.35	-26.85	45.25	31.95	68.20	17.85	V
14677.45	49.11	-27.29	41.90	34.50	68.20	19.09	H
13895.90	48.34	-29.51	41.30	36.55	68.20	19.86	H
5149.90	64.65	-27.61	33.67	58.59	74.00	9.35	H
5150.00	63.91	-27.61	33.67	57.85	74.00	10.09	H

Channel 40

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17634.80	50.12	-25.74	45.95	29.91	68.20	18.08	H
16815.85	49.48	-26.62	41.49	34.61	68.20	18.72	H
13943.20	47.87	-29.51	41.30	36.08	68.20	20.33	H
13816.70	47.83	-29.10	40.86	36.06	68.20	20.37	H
10976.50	46.80	-32.82	38.70	40.92	74.00	27.20	H
10607.45	46.35	-32.76	38.38	40.73	74.00	27.65	V

Channel 48

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16774.05	50.99	-26.62	41.49	36.12	68.20	17.21	V
17223.95	50.66	-25.95	44.35	32.25	68.20	17.54	V
13913.50	48.93	-29.51	41.30	37.14	68.20	19.27	V
14555.90	48.07	-27.29	41.90	33.46	68.20	20.13	H
10081.10	47.15	-33.45	38.13	42.47	68.20	21.05	H
11439.05	46.60	-32.42	38.79	40.23	74.00	27.40	H

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17626.55	50.60	-25.74	45.95	30.39	68.20	17.60	V
17457.15	50.41	-26.85	45.25	32.01	68.20	17.79	V
14553.70	48.29	-27.29	41.90	33.68	68.20	19.91	H
13716.60	48.22	-29.10	40.86	36.45	68.20	19.98	V
10581.05	47.01	-32.76	38.38	41.39	68.20	21.19	V
10857.15	46.86	-32.33	38.59	40.60	74.00	27.14	H

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17234.40	50.40	-25.95	44.35	31.99	68.20	17.80	V
17694.75	50.35	-25.74	45.95	30.14	68.20	17.85	H
14703.30	48.35	-28.32	41.35	35.33	68.20	19.85	H
14180.25	48.01	-28.99	42.00	34.99	68.20	20.19	V
11529.80	47.07	-32.26	38.84	40.50	74.00	26.93	V
10459.50	46.95	-33.22	38.19	41.98	68.20	21.25	H

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17448.90	50.33	-26.85	45.25	31.93	68.20	17.87	V
16948.40	50.05	-26.32	42.36	34.00	68.20	18.15	H
13928.90	48.47	-29.51	41.30	36.68	68.20	19.73	H
13911.85	47.87	-29.51	41.30	36.08	68.20	20.33	H
5352.21	62.10	-27.43	34.01	55.52	74.00	11.90	H
5350.74	60.35	-27.43	34.01	53.77	74.00	13.65	H

Channel 100

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17452.75	52.77	-26.85	45.25	34.37	68.20	15.43	H
17321.30	52.20	-25.95	44.35	33.79	68.20	16.00	H
13914.05	49.67	-29.51	41.30	37.88	68.20	18.53	V
13787.55	49.59	-29.10	40.86	37.82	68.20	18.61	V
5450.89	54.94	-27.18	34.17	47.95	74.00	19.06	H
5468.20	55.65	-27.18	34.17	48.66	68.20	12.55	H

Channel 120

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17912.00	53.01	-25.50	46.66	31.85	74.00	20.99	H
17045.20	52.16	-26.60	43.36	35.40	68.20	16.04	V
13684.15	49.83	-29.50	40.43	38.90	68.20	18.37	V
13839.80	49.75	-29.51	41.30	37.96	68.20	18.45	H
11890.05	47.04	-31.85	39.05	39.84	74.00	26.96	H
11402.20	46.80	-32.42	38.79	40.43	74.00	27.20	H

Channel 140

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17231.65	52.50	-25.95	44.35	34.09	68.20	15.70	H
17083.70	52.04	-26.60	43.36	35.28	68.20	16.16	V
14714.85	49.80	-28.32	41.35	36.78	68.20	18.40	H
13734.20	49.77	-29.10	40.86	38.00	68.20	18.43	H
5727.23	63.59	-27.07	34.31	56.35	68.20	4.61	H
5725.46	62.66	-27.07	34.31	55.42	68.20	5.54	H

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Channel 36

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17449.45	51.10	-26.85	45.25	32.70	68.20	17.10	H
17882.85	49.93	-25.50	46.66	28.77	74.00	24.07	H
14629.60	47.80	-27.29	41.90	33.19	68.20	20.40	V
13914.60	47.71	-29.51	41.30	35.92	68.20	20.49	H
5148.94	64.78	-27.61	33.67	58.72	74.00	9.22	H
5149.70	64.37	-27.61	33.67	58.31	74.00	9.63	H

Channel 40

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16811.45	50.04	-26.62	41.49	35.17	68.20	18.16	H
16775.70	49.83	-26.62	41.49	34.96	68.20	18.37	H
14590.55	48.40	-27.29	41.90	33.79	68.20	19.80	H
14591.65	48.36	-27.29	41.90	33.75	68.20	19.84	H
11934.60	46.86	-31.48	39.09	39.25	74.00	27.14	V
10866.50	46.57	-32.33	38.59	40.31	74.00	27.43	V

Channel 48

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17447.80	50.03	-26.85	45.25	31.63	68.20	18.17	V
16851.05	50.01	-26.62	41.49	35.14	68.20	18.19	H
14605.95	48.88	-27.29	41.90	34.27	68.20	19.32	H
14533.35	48.23	-28.59	42.46	34.36	68.20	19.97	H
10629.45	46.48	-32.76	38.38	40.86	74.00	27.52	V
7287.65	46.41	-35.00	36.55	44.86	74.00	27.59	H

Channel 52

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17918.05	50.73	-25.50	46.66	29.57	74.00	23.27	V
17458.25	50.70	-26.85	45.25	32.30	68.20	17.50	H
14609.25	49.05	-27.29	41.90	34.44	68.20	19.15	V
14722.55	47.81	-28.32	41.35	34.79	68.20	20.39	H
10881.35	47.63	-32.33	38.59	41.37	74.00	26.37	H
10896.20	46.99	-32.82	38.70	41.11	74.00	27.01	V

Channel 56

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17156.30	50.97	-26.60	43.36	34.21	68.20	17.23	H
16978.65	50.35	-26.32	42.36	34.30	68.20	17.85	H
14683.50	48.60	-28.32	41.35	35.58	68.20	19.60	H
14621.90	48.23	-27.29	41.90	33.62	68.20	19.97	V
10874.20	47.08	-32.33	38.59	40.82	74.00	26.92	V
10641.55	46.47	-32.76	38.38	40.85	74.00	27.53	H

Channel 64

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
16852.70	51.02	-26.62	41.49	36.15	68.20	17.18	H
17468.70	50.65	-26.85	45.25	32.25	68.20	17.55	V
13917.90	48.66	-29.51	41.30	36.87	68.20	19.54	V
13945.40	48.40	-29.51	41.30	36.61	68.20	19.80	H
5351.33	66.36	-27.43	34.01	59.78	74.00	7.64	H
5358.90	64.71	-27.43	34.01	58.13	74.00	9.29	H

Channel 100

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16977.55	53.24	-26.32	42.36	37.19	68.20	14.96	H
17139.80	52.13	-26.60	43.36	35.37	68.20	16.07	H
14504.75	49.58	-28.59	42.46	35.71	68.20	18.62	H
14580.65	49.54	-27.29	41.90	34.93	68.20	18.66	V
5448.22	55.12	-27.18	34.17	48.13	74.00	18.88	H
5469.13	55.80	-27.18	34.17	48.81	68.20	12.40	H

Channel 120

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17849.85	51.85	-25.50	46.66	30.69	74.00	22.15	V
17313.05	51.79	-25.95	44.35	33.38	68.20	16.41	V
14675.80	49.72	-27.29	41.90	35.11	68.20	18.48	H
13815.05	49.48	-29.10	40.86	37.71	68.20	18.72	V
11561.70	47.90	-32.26	38.84	41.33	74.00	26.10	V
11742.10	47.22	-31.99	38.98	40.23	74.00	26.78	V

Channel 140

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17912.55	52.56	-25.50	46.66	31.40	74.00	21.44	H
17555.60	52.08	-26.85	45.25	33.68	68.20	16.12	H
13656.65	50.72	-29.50	40.43	39.79	68.20	17.48	V
13752.35	49.42	-29.10	40.86	37.65	68.20	18.78	H
5726.30	63.37	-27.07	34.31	56.13	68.20	4.83	H
5725.01	63.08	-27.07	34.31	55.84	68.20	5.12	H

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17458.25	50.61	-26.85	45.25	32.21	68.20	17.59	V
16860.95	50.52	-26.62	41.49	35.65	68.20	17.68	H
14689.55	48.67	-28.32	41.35	35.65	68.20	19.53	H
13939.35	48.63	-29.51	41.30	36.84	68.20	19.57	V
5149.34	65.43	-27.61	33.67	59.37	74.00	8.57	H
5149.24	65.19	-27.61	33.67	59.13	74.00	8.81	H

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17648.55	50.61	-25.74	45.95	30.40	68.20	17.59	V
17627.10	50.35	-25.74	45.95	30.14	68.20	17.85	H
14596.60	49.05	-27.29	41.90	34.44	68.20	19.15	V
14669.75	48.49	-27.29	41.90	33.88	68.20	19.71	H
11532.55	46.59	-32.26	38.84	40.02	74.00	27.41	H
10486.45	46.31	-32.99	38.27	41.02	68.20	21.89	H

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17446.70	51.30	-26.85	45.25	32.90	68.20	16.90	H
17336.70	51.00	-25.95	44.35	32.59	68.20	17.20	H
13748.50	48.37	-29.10	40.86	36.60	68.20	19.83	V
13817.25	48.16	-29.10	40.86	36.39	68.20	20.04	H
9000.35	47.15	-33.28	38.19	42.24	74.00	26.85	H
10564.55	46.86	-32.99	38.27	41.57	68.20	21.34	H

Channel 62

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17434.05	50.64	-26.85	45.25	32.24	68.20	17.56	V
17051.80	50.43	-26.60	43.36	33.67	68.20	17.77	V
13905.80	48.86	-29.51	41.30	37.07	68.20	19.34	H
13915.15	48.77	-29.51	41.30	36.98	68.20	19.43	H
5350.08	67.58	-27.43	34.01	61.00	74.00	6.42	H
5350.30	67.25	-27.43	34.01	60.67	74.00	6.75	H

Channel 102

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.75	52.14	-25.50	46.66	30.98	74.00	21.86	H
17343.85	51.81	-25.95	44.35	33.40	68.20	16.39	V
13666.55	49.81	-29.50	40.43	38.88	68.20	18.39	H
14231.95	49.32	-28.99	42.00	36.30	68.20	18.88	H
5456.62	59.94	-27.18	34.17	52.95	74.00	14.06	H
5469.85	65.68	-27.18	34.17	58.69	68.20	2.52	H

Channel 118

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17936.75	52.38	-25.50	46.66	31.22	74.00	21.62	H
17560.00	52.36	-26.85	45.25	33.96	68.20	15.84	H
13672.60	49.92	-29.50	40.43	38.99	68.20	18.28	V
13727.60	49.40	-29.10	40.86	37.63	68.20	18.80	V
11778.40	47.71	-31.99	38.98	40.72	74.00	26.29	H
11890.60	46.80	-31.85	39.05	39.60	74.00	27.20	H

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
16955.55	51.91	-26.32	42.36	35.86	68.20	16.29	V
17039.15	51.81	-26.32	42.36	35.76	68.20	16.39	V
13600.55	49.72	-29.50	40.43	38.79	68.20	18.48	H
13782.60	49.58	-29.10	40.86	37.81	68.20	18.62	V
5725.30	57.15	-27.07	34.31	49.91	68.20	11.05	H
5725.22	56.50	-27.07	34.31	49.26	68.20	11.70	H

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Channel 36

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17337.25	50.27	-25.95	44.35	31.86	68.20	17.93	V
16838.95	49.80	-26.62	41.49	34.93	68.20	18.40	H
13583.50	48.65	-29.50	40.43	37.72	68.20	19.55	H
14578.45	48.11	-27.29	41.90	33.50	68.20	20.09	H
5149.28	65.43	-27.61	33.67	59.37	74.00	8.57	H
5145.12	65.05	-27.61	33.67	58.99	74.00	8.95	H

Channel 40

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17228.90	50.51	-25.95	44.35	32.10	68.20	17.69	V
16947.85	50.29	-26.32	42.36	34.24	68.20	17.91	V
13831.00	49.27	-29.51	41.30	37.48	68.20	18.93	H
13943.20	48.09	-29.51	41.30	36.30	68.20	20.11	V
10636.05	46.82	-32.76	38.38	41.20	74.00	27.18	V
11880.15	46.45	-31.85	39.05	39.25	74.00	27.55	H

Channel 48

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16944.00	50.88	-26.32	42.36	34.83	68.20	17.32	V
16955.00	50.30	-26.32	42.36	34.25	68.20	17.90	V
13919.00	49.47	-29.51	41.30	37.68	68.20	18.73	H
14623.55	48.23	-27.29	41.90	33.62	68.20	19.97	V
10883.00	46.95	-32.33	38.59	40.69	74.00	27.05	H
11906.00	46.72	-31.85	39.05	39.52	74.00	27.28	V

Channel 52

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17610.05	50.84	-25.74	45.95	30.63	68.20	17.36	H
16945.65	50.81	-26.32	42.36	34.76	68.20	17.39	H
13780.95	49.58	-29.10	40.86	37.81	68.20	18.62	H
13785.90	48.56	-29.10	40.86	36.79	68.20	19.64	H
9996.40	46.64	-33.63	38.11	42.16	68.20	21.56	H
10733.40	46.26	-32.77	38.49	40.54	74.00	27.74	V

Channel 56

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
16977.00	51.22	-26.32	42.36	35.17	68.20	16.98	H
17602.35	50.08	-25.74	45.95	29.87	68.20	18.12	H
13899.75	48.11	-29.51	41.30	36.32	68.20	20.09	H
13940.45	48.09	-29.51	41.30	36.30	68.20	20.11	V
10740.00	46.65	-32.77	38.49	40.93	74.00	27.35	H
10138.30	46.53	-33.45	38.13	41.85	68.20	21.67	H

Channel 64

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17127.70	50.57	-26.60	43.36	33.81	68.20	17.63	H
17644.70	50.52	-25.74	45.95	30.31	68.20	17.68	H
14691.20	48.97	-28.32	41.35	35.95	68.20	19.23	H
13923.95	48.09	-29.51	41.30	36.30	68.20	20.11	H
5350.37	66.40	-27.43	34.01	59.82	74.00	7.60	H
5350.02	65.86	-27.43	34.01	59.28	74.00	8.14	H

Channel 100

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17920.25	51.77	-25.50	46.66	30.61	74.00	22.23	H
16912.65	51.63	-26.32	42.36	35.58	68.20	16.57	V
14564.70	49.93	-27.29	41.90	35.32	68.20	18.27	V
13686.35	49.67	-29.50	40.43	38.74	68.20	18.53	V
5437.36	55.09	-27.18	34.17	48.10	74.00	18.91	H
5468.07	56.75	-27.18	34.17	49.76	68.20	11.45	V

Channel 120

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17057.85	51.83	-26.60	43.36	35.07	68.20	16.37	V
17074.35	51.69	-26.60	43.36	34.93	68.20	16.51	H
13686.35	49.77	-29.50	40.43	38.84	68.20	18.43	H
13744.65	49.56	-29.10	40.86	37.79	68.20	18.64	V
11792.70	47.54	-31.99	38.98	40.55	74.00	26.46	H
11438.50	47.34	-32.42	38.79	40.97	74.00	26.66	H

Channel 140

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17060.60	51.89	-26.60	43.36	35.13	68.20	16.31	H
17206.90	51.88	-26.60	43.36	35.12	68.20	16.32	H
14591.65	50.04	-27.29	41.90	35.43	68.20	18.16	H
13672.60	49.44	-29.50	40.43	38.51	68.20	18.76	V
5726.02	62.91	-27.07	34.31	55.67	68.20	5.29	H
5725.37	62.49	-27.07	34.31	55.25	68.20	5.71	V

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Channel 38

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17764.60	50.29	-25.50	46.66	29.13	74.00	23.71	H
17036.40	50.17	-26.32	42.36	34.12	68.20	18.03	H
14581.20	49.40	-27.29	41.90	34.79	68.20	18.80	V
14691.75	48.12	-28.32	41.35	35.10	68.20	20.08	V
5144.68	68.83	-27.61	33.67	62.77	74.00	5.17	H
5149.54	67.72	-27.61	33.67	61.66	74.00	6.28	H

Channel 46

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
16836.75	50.96	-26.62	41.49	36.09	68.20	17.24	H
16974.25	50.52	-26.32	42.36	34.47	68.20	17.68	V
14087.85	48.12	-29.44	41.66	35.90	68.20	20.08	H
13892.05	47.92	-29.51	41.30	36.13	68.20	20.28	H
10845.60	47.52	-32.33	38.59	41.26	74.00	26.48	V
10708.10	47.03	-32.77	38.49	41.31	74.00	26.97	H

Channel 54

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
16935.75	50.65	-26.32	42.36	34.60	68.20	17.55	V
16972.60	50.35	-26.32	42.36	34.30	68.20	17.85	V
14218.20	48.00	-28.99	42.00	34.98	68.20	20.20	H
13942.10	47.99	-29.51	41.30	36.20	68.20	20.21	V
10870.35	46.89	-32.33	38.59	40.63	74.00	27.11	V
11404.40	46.21	-32.42	38.79	39.84	74.00	27.79	H

Channel 62

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17978.55	50.70	-25.50	46.66	29.54	74.00	23.30	H
17350.45	50.24	-25.95	44.35	31.83	68.20	17.96	H
13906.35	49.79	-29.51	41.30	38.00	68.20	18.41	V
14237.45	48.88	-28.99	42.00	35.86	68.20	19.32	V
5351.95	66.78	-27.43	34.01	60.20	74.00	7.22	H
5351.18	65.60	-27.43	34.01	59.02	74.00	8.40	H

Channel 102

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17140.35	52.28	-26.60	43.36	35.52	68.20	15.92	H
17316.90	52.19	-25.95	44.35	33.78	68.20	16.01	H
13691.30	49.39	-29.50	40.43	38.46	68.20	18.81	H
13771.60	49.08	-29.10	40.86	37.31	68.20	19.12	H
5458.74	58.06	-27.18	34.17	51.07	74.00	15.94	H
5468.97	63.53	-27.18	34.17	56.54	68.20	4.67	H

Channel 118

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17049.05	52.23	-26.60	43.36	35.47	68.20	15.97	H
17445.60	52.13	-26.85	45.25	33.73	68.20	16.07	H
13799.10	49.62	-29.10	40.86	37.85	68.20	18.58	V
13577.45	49.23	-29.50	40.43	38.30	68.20	18.97	H
10859.35	47.43	-32.33	38.59	41.17	74.00	26.57	H
11794.90	47.38	-31.99	38.98	40.39	74.00	26.62	V

Channel 134

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17523.15	51.93	-26.85	45.25	33.53	68.20	16.27	H
17993.95	51.30	-25.50	46.66	30.14	74.00	22.70	H
14561.95	50.25	-27.29	41.90	35.64	68.20	17.95	V
14138.45	50.23	-28.99	42.00	37.21	68.20	17.97	V
5726.86	56.58	-27.07	34.31	49.34	68.20	11.62	H
5725.79	55.32	-27.07	34.31	48.08	68.20	12.88	H

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Channel 42

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17613.90	51.98	-25.74	45.95	31.77	68.20	16.22	H
17077.65	51.41	-26.60	43.36	34.65	68.20	16.79	V
13757.85	49.30	-29.10	40.86	37.53	68.20	18.90	H
14121.40	49.16	-28.99	42.00	36.14	68.20	19.04	V
5143.84	65.09	-27.61	33.67	59.03	74.00	8.91	H
5149.20	64.78	-27.61	33.67	58.72	74.00	9.22	H

Channel 58

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17897.15	52.53	-25.50	46.66	31.37	74.00	21.47	V
17798.15	51.70	-25.50	46.66	30.54	74.00	22.30	H
13756.75	49.97	-29.10	40.86	38.20	68.20	18.23	H
13898.65	49.77	-29.51	41.30	37.98	68.20	18.43	V
5350.30	64.37	-27.43	34.01	57.79	74.00	9.63	H
5353.86	64.15	-27.43	34.01	57.57	74.00	9.85	H

Channel 106

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17983.50	51.95	-25.50	46.66	30.79	74.00	22.05	H
17658.45	51.41	-25.74	45.95	31.20	68.20	16.79	H
13648.95	49.63	-29.50	40.43	38.70	68.20	18.57	H
14619.70	49.54	-27.29	41.90	34.93	68.20	18.66	V
5454.43	66.61	-27.18	34.17	59.62	74.00	7.39	H
5467.87	65.93	-27.18	34.17	58.94	68.20	2.27	H

Channel 122

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17950.50	51.70	-25.50	46.66	30.54	74.00	22.30	V
17457.70	51.69	-26.85	45.25	33.29	68.20	16.51	H
13722.10	49.73	-29.10	40.86	37.96	68.20	18.47	V
14133.50	49.58	-28.99	42.00	36.56	68.20	18.62	H
5727.26	56.56	-27.07	34.31	49.32	68.20	11.64	H
5726.41	55.74	-27.07	34.31	48.50	68.20	12.46	H

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

Test Condition:

Voltage (V)	Frequency (Hz)
110	60

Measurement uncertainty:

Expanded measurement uncertainty for this test item is U =3.08dB, k=2.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

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

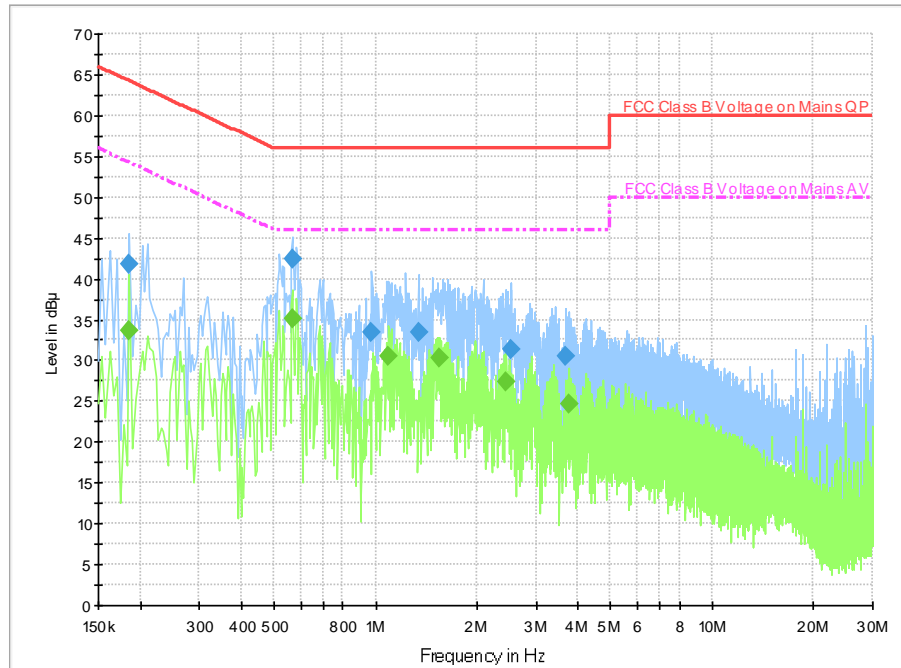


Fig.58 Conducted Emission(802.11a, Ch36, TX)

Measurement Result 1:

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.186000	41.8	2000.0	9.000	On	N	19.7	22.4	64.2
0.566000	42.4	2000.0	9.000	On	L1	19.7	13.6	56.0
0.974000	33.4	2000.0	9.000	On	L1	19.7	22.6	56.0
1.338000	33.4	2000.0	9.000	On	L1	19.6	22.6	56.0
2.526000	31.4	2000.0	9.000	On	N	19.6	24.6	56.0
3.686000	30.6	2000.0	9.000	On	L1	19.6	25.4	56.0

Measurement Result 2:

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.186000	33.7	2000.0	9.000	On	N	19.7	20.5	54.2
0.566000	35.2	2000.0	9.000	On	L1	19.7	10.8	46.0
1.094000	30.6	2000.0	9.000	On	L1	19.6	15.4	46.0
1.546000	30.3	2000.0	9.000	On	L1	19.6	15.7	46.0
2.454000	27.3	2000.0	9.000	On	L1	19.6	18.7	46.0
3.758000	24.7	2000.0	9.000	On	L1	19.6	21.3	46.0

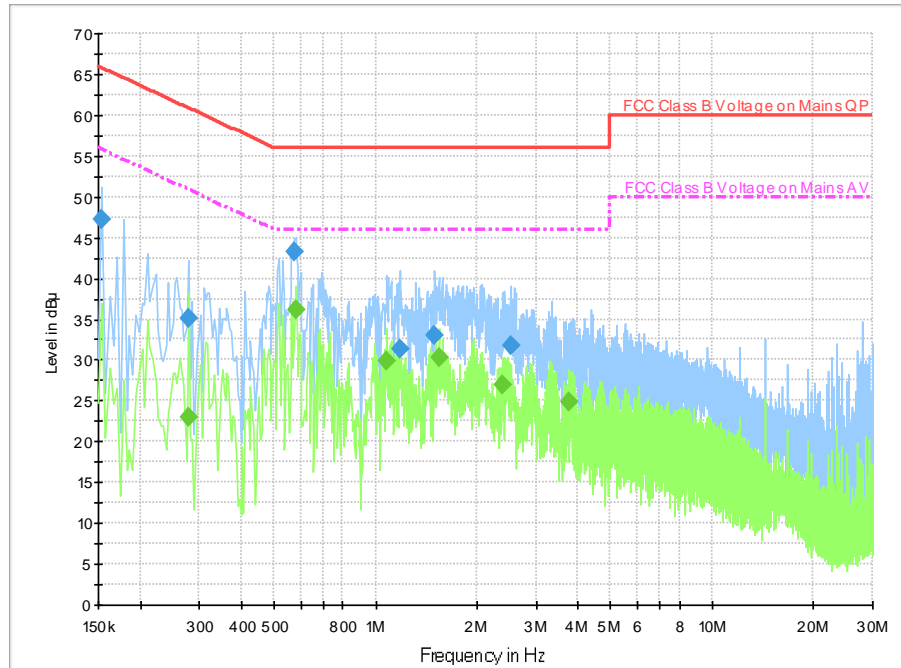


Fig.59 Conducted Emission(802.11a, IDLE)

Measurement Result 1:

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.154000	47.2	2000.0	9.000	On	N	19.9	18.5	65.8
0.278000	35.0	2000.0	9.000	On	L1	19.7	25.9	60.9
0.574000	43.2	2000.0	9.000	On	L1	19.7	12.8	56.0
1.182000	31.3	2000.0	9.000	On	N	19.6	24.7	56.0
1.502000	32.9	2000.0	9.000	On	N	19.6	23.1	56.0
2.514000	31.8	2000.0	9.000	On	N	19.6	24.2	56.0

Measurement Result 2:

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.278000	23.0	2000.0	9.000	On	L1	19.7	27.9	50.9
0.578000	36.1	2000.0	9.000	On	L1	19.7	9.9	46.0
1.078000	29.9	2000.0	9.000	On	L1	19.7	16.1	46.0
1.546000	30.3	2000.0	9.000	On	L1	19.6	15.7	46.0
2.394000	27.0	2000.0	9.000	On	L1	19.6	19.0	46.0
3.758000	24.8	2000.0	9.000	On	L1	19.6	21.2	46.0

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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Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
		Fig.	Value	
802.11a	5180 MHz	Fig.60	17.14	P
	5200 MHz	Fig.61	17.17	P
	5240 MHz	Fig.62	17.15	P
802.11n HT20	5180 MHz	Fig.63	18.06	P
	5200 MHz	Fig.64	17.99	P
	5240 MHz	Fig.65	18.09	P
802.11n HT40	5190 MHz	Fig.66	36.10	P
	5230 MHz	Fig.67	36.10	P
802.11ac HT80	5210 MHz	Fig.68	75.22	P

Conclusion: PASS
Test graphs as below:

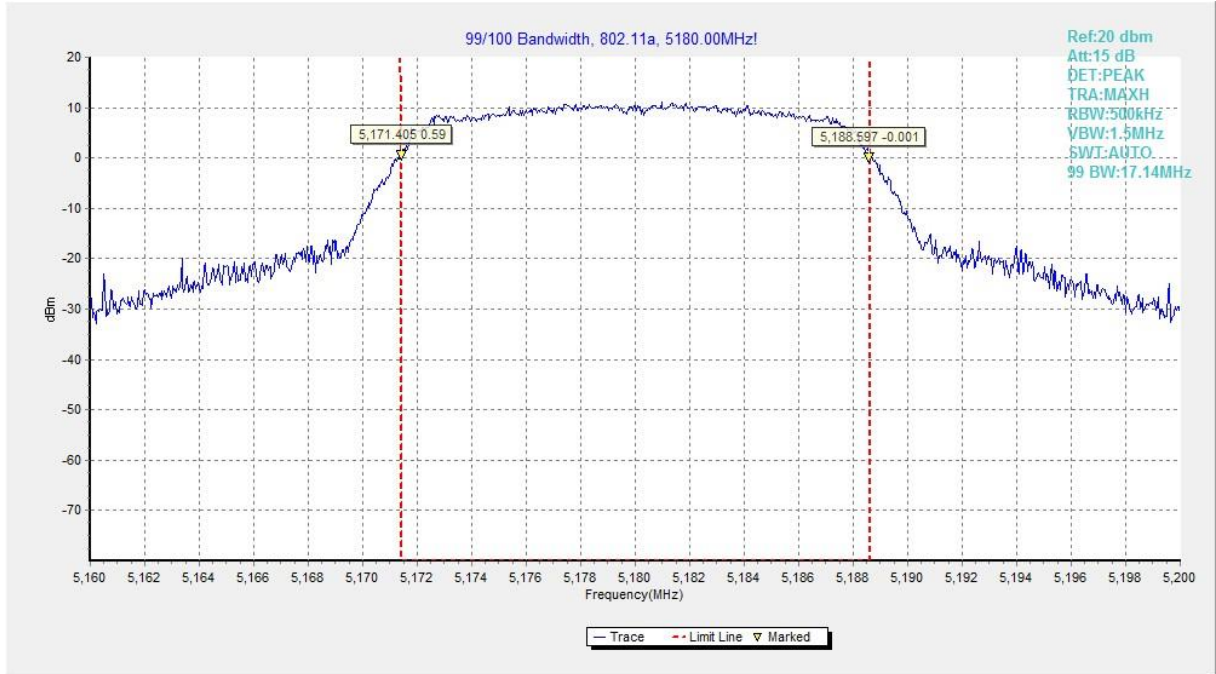


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

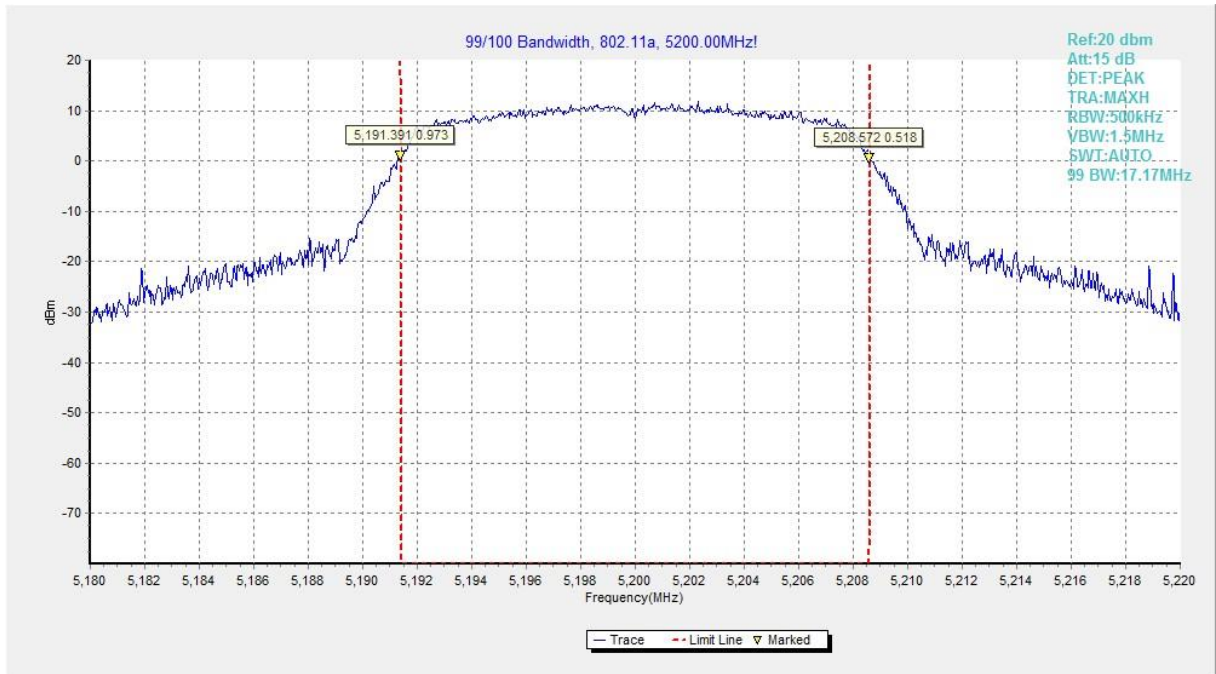


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

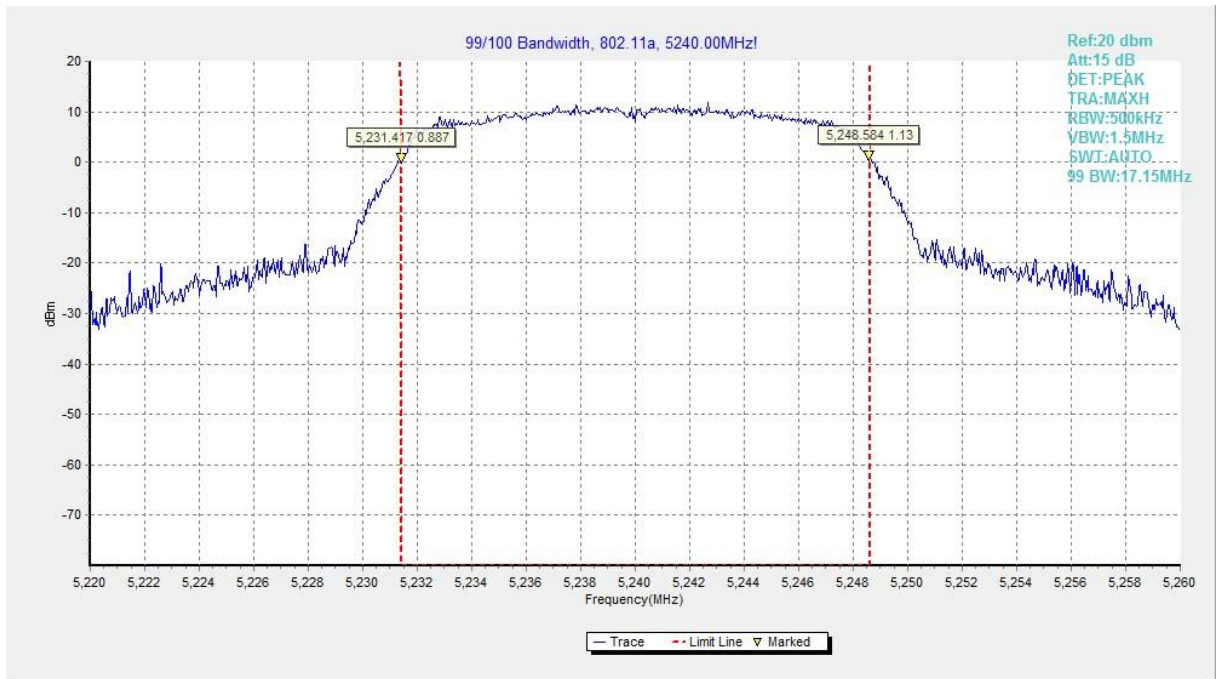


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

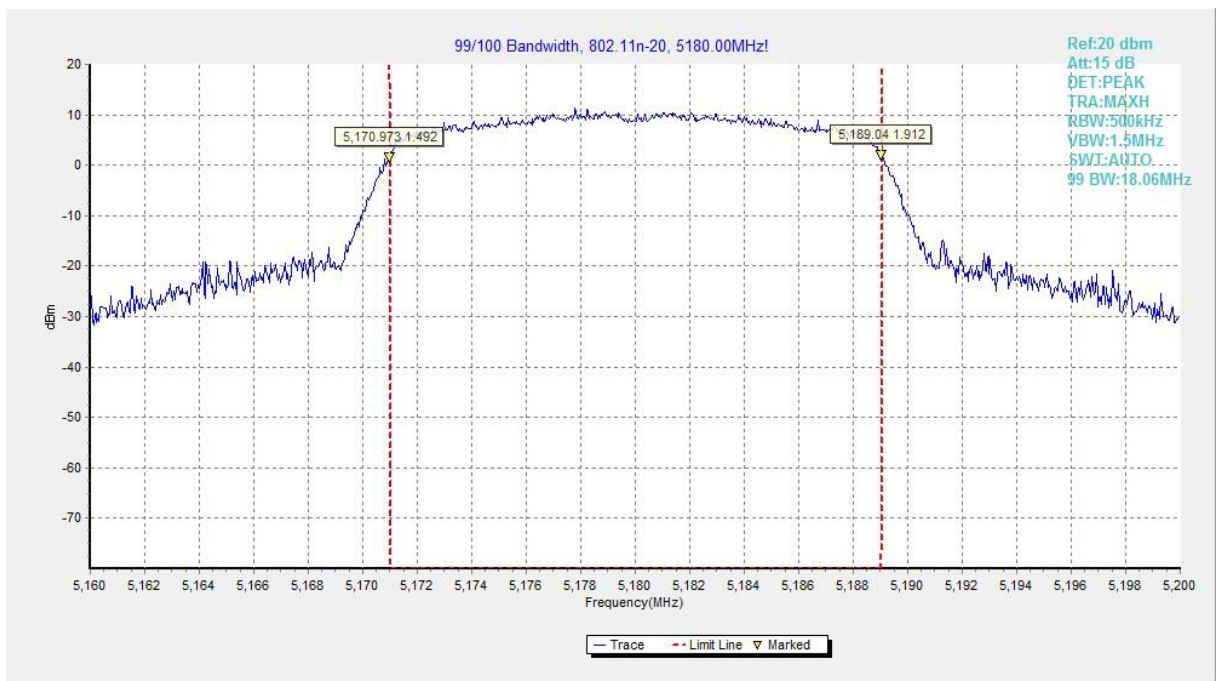


Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

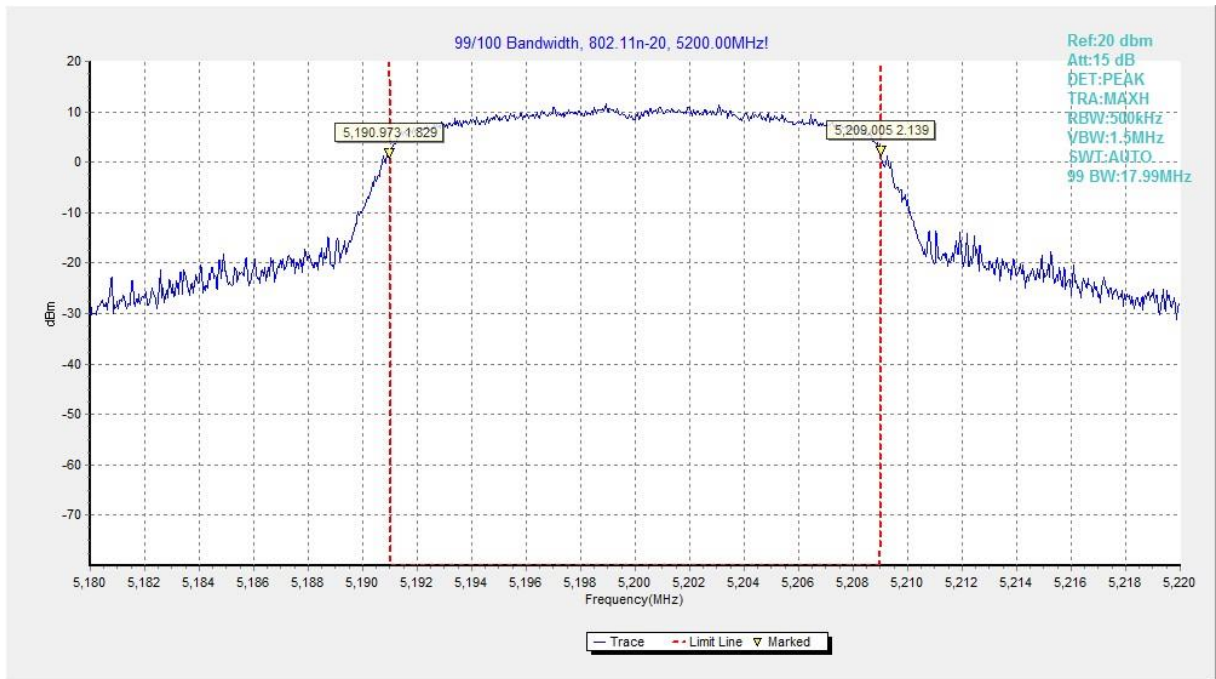


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

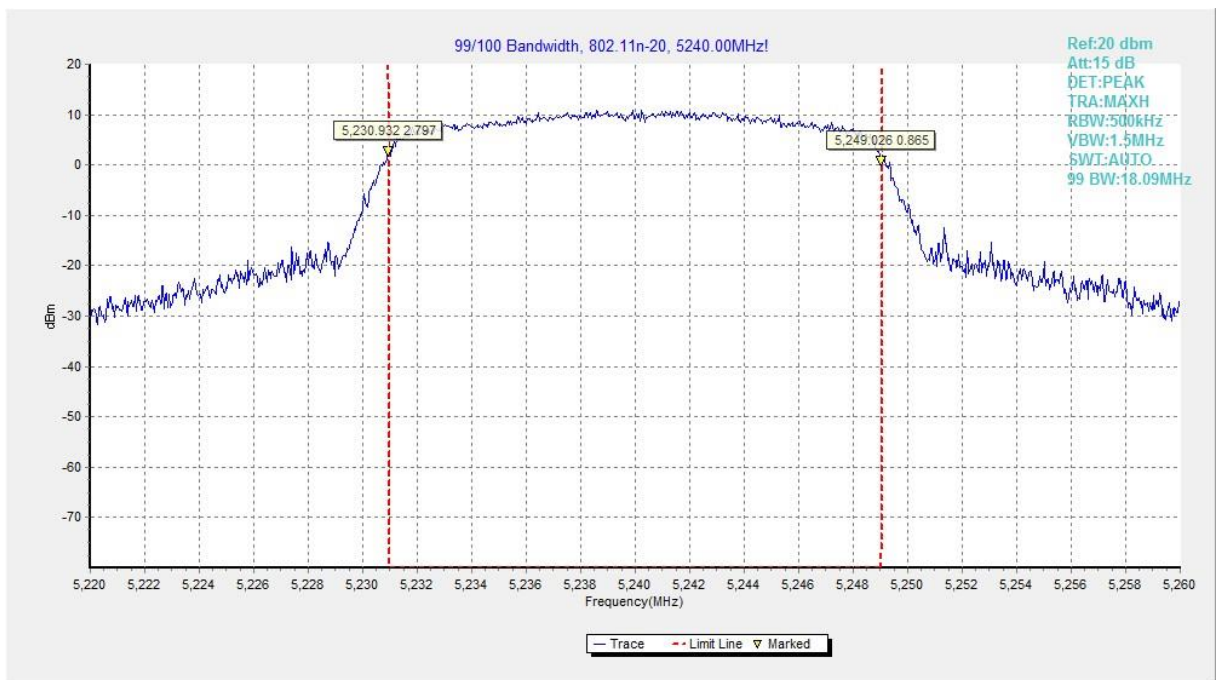


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

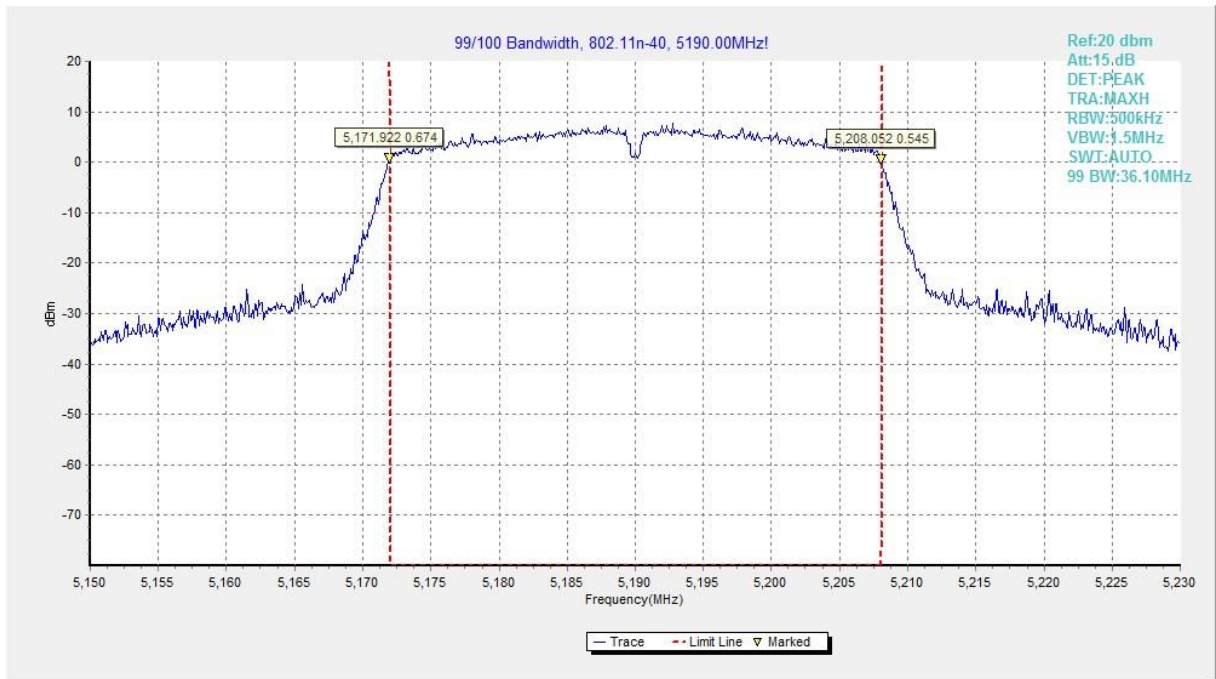


Fig.66 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

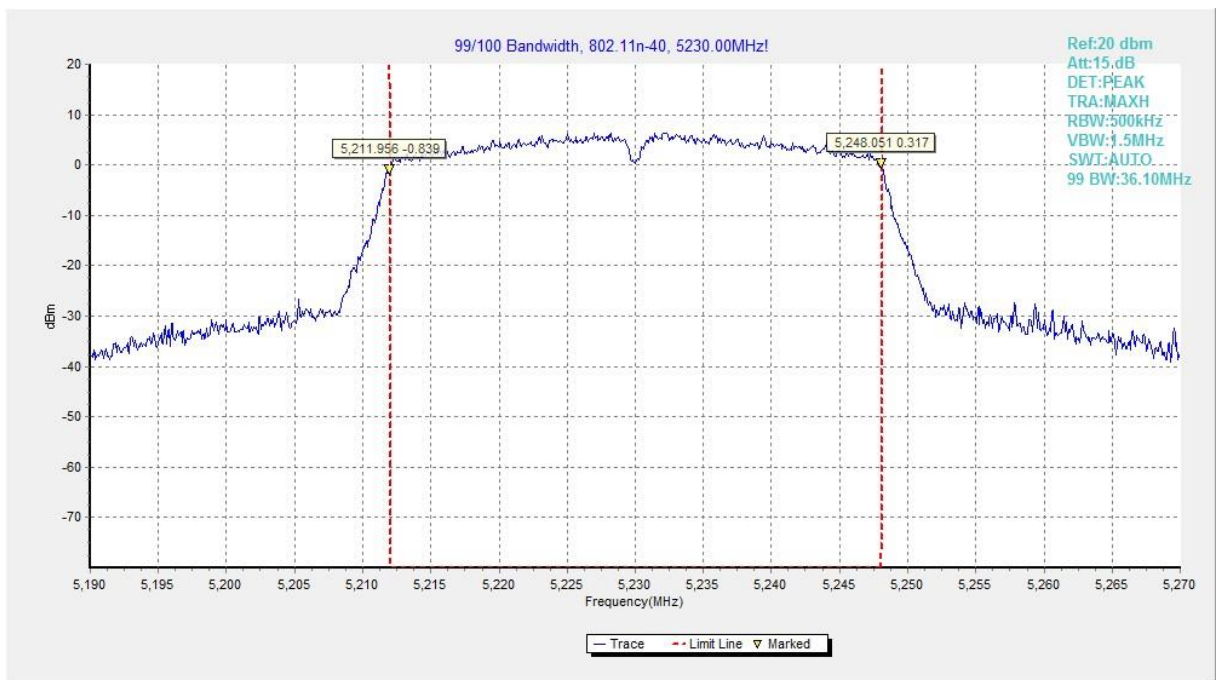


Fig.67 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

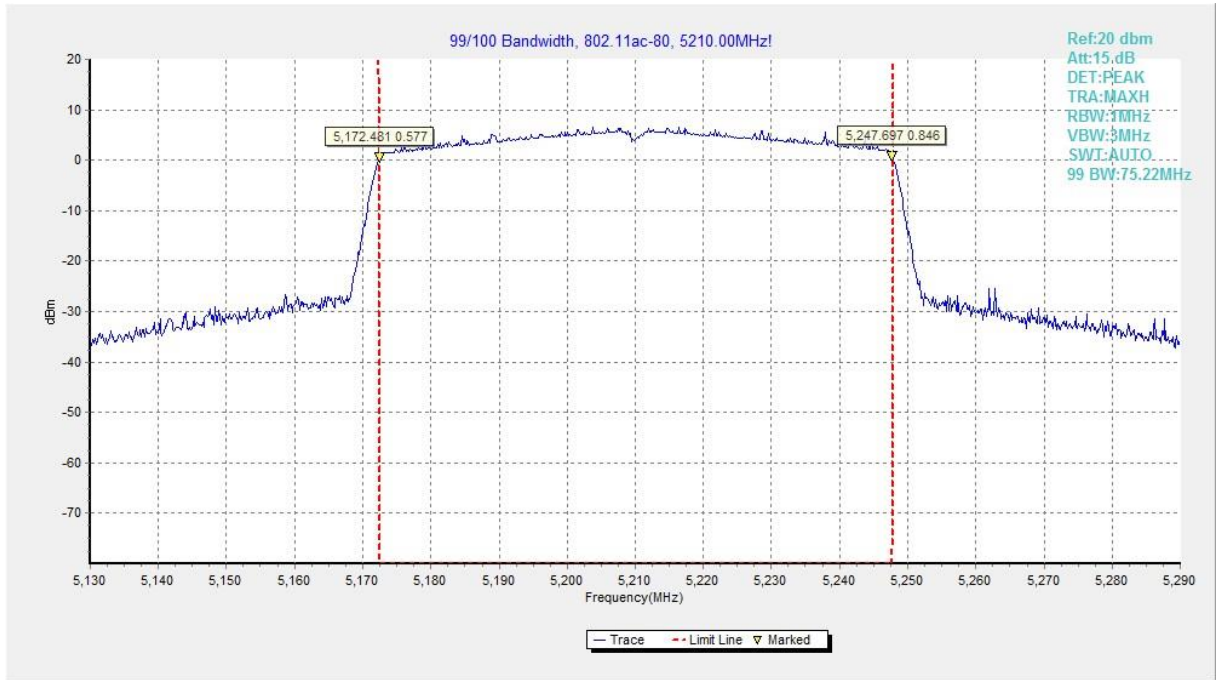


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

A.9. Power control

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

ANNEX B: EUT parameters

Disclaimer: The worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate

United States Department of Commerce National Institute of Standards and Technology	
	
Certificate of Accreditation to ISO/IEC 17025:2017	
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>	
2022-10-01 through 2023-09-30 <i>Effective Dates</i>	  <i>For the National Voluntary Laboratory Accreditation Program</i>

*** END OF REPORT BODY ***