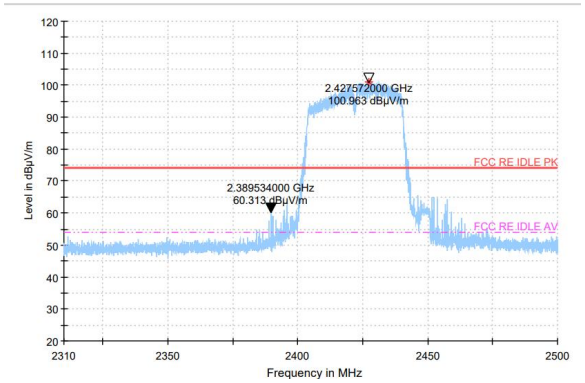
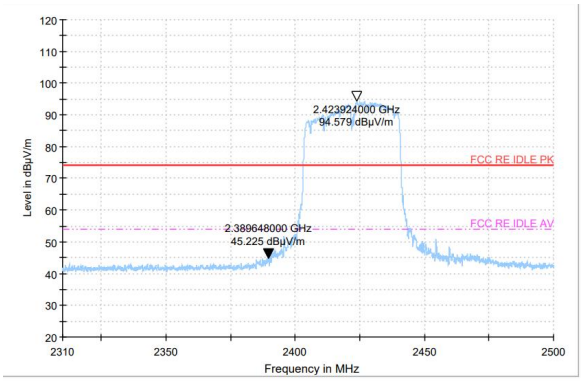
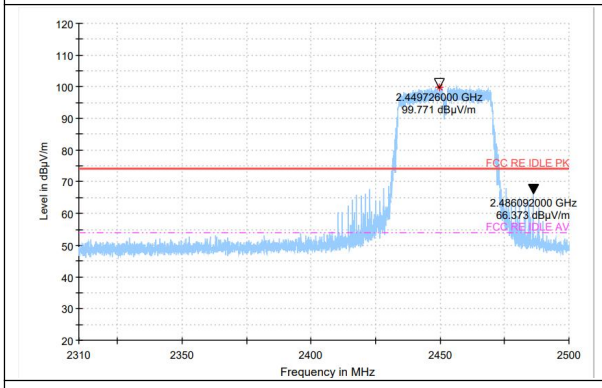


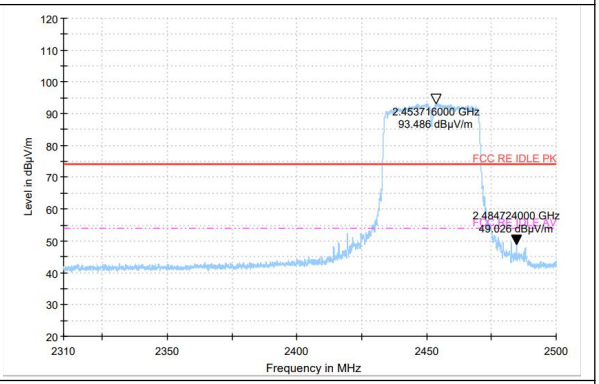


Band edge: 802.11n(40M), high channel

Peak detector

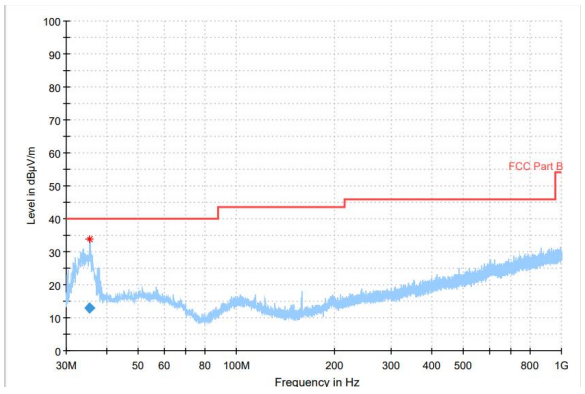
AV detector

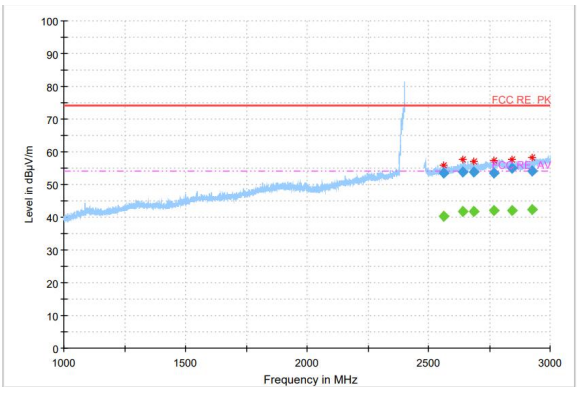




Radiated Spurious Emission
(802.11n 40M, Ch3,30MHz~1GHz)

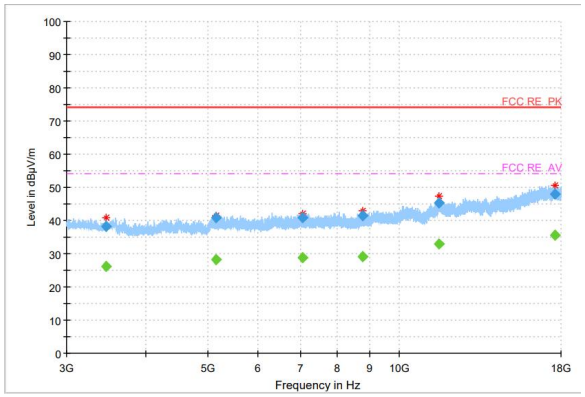
Radiated Spurious Emission
(802.11n 40M, Ch3,1GHz~3GHz)

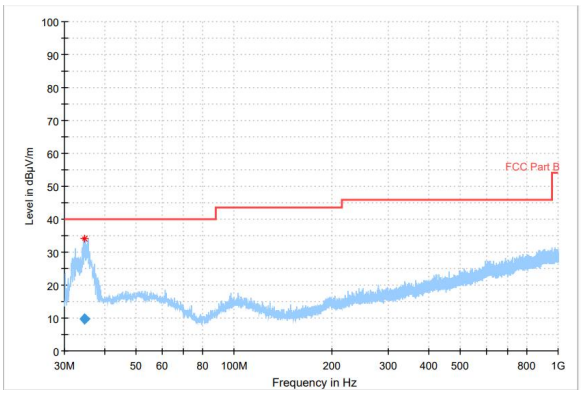




Radiated Spurious Emission
(802.11n 40M, Ch3 3GHz~18GHz)

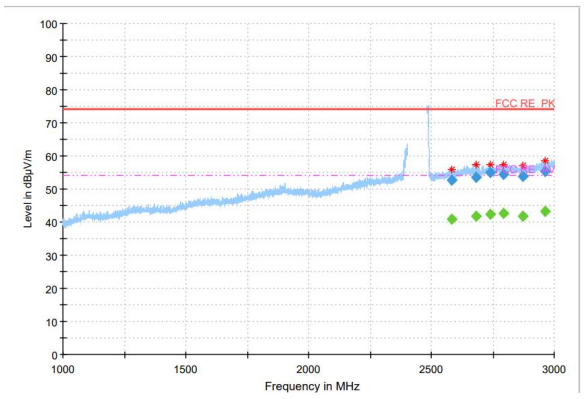
Radiated Spurious Emission
(802.11n 40M, Ch9,30MHz~1GHz)

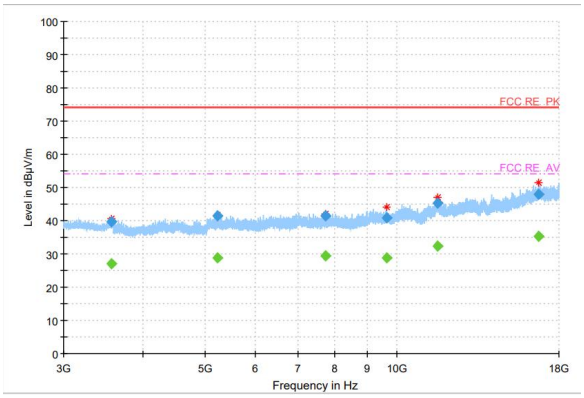




Radiated Spurious Emission
(802.11n 40M, Ch9,1GHz~3GHz)

Radiated Spurious Emission
(802.11n 40M, Ch9, 3GHz~18GHz)





Main Supply

RSE-11B-CH1-30M-1G

Frequency (MHz)	Result (dBµV/m)	ARpl (dB)	PMea (dBµV/m)	Polarity
31.8	10.28	-15.7	25.98	V
35.7	11.19	-14.8	25.99	V
145.5	6.09	-16.7	22.79	H

RSE-11B-CH11-1G-3G

Frequency (MHz)	Result (dBµV/m)	ARpl (dB)	PMea (dBµV/m)	Polarity
2545.9	52.57	15.9	36.67	V
2637.1	53.77	17.1	36.67	V
2734.0	54.28	17.6	36.68	H

2823.6	54.88	17.9	36.98	V
2901.5	54.86	17.9	36.96	H
2969.4	55.35	19.1	36.25	H

RSE-11B-CH11-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2734.0	42.12	17.6	24.52	H
2823.6	42.25	17.9	24.35	V
2901.5	42.46	17.9	24.56	H
2969.4	43.28	19.1	24.18	H

RSE-11B-CH11-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3555.9	39.23	-6.2	45.43	H
4924.0	48.43	-3	51.43	H
6961.9	41.35	-2.4	43.75	H
9272.5	41.84	-0.2	42.04	V
11555.7	45.39	3.4	41.99	V
16822.5	49.08	10.3	38.78	H

RSE-11B-CH11-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.9	11.77	-15.7	27.47	V
35.1	11.81	-15	26.81	V
122.7	13.02	-14.7	27.72	V
346.5	14.38	-8.3	22.68	H

RSE-11G-CH1-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity

2536.5	52.49	15.7	36.79	H
2620.0	52.89	16.7	36.19	V
2661.5	54.03	17.3	36.73	V
2719.3	54.16	17.4	36.76	V
2770.4	54.27	18	36.27	V
2832.5	53.8	17.9	35.9	V

RSE-11G-CH1-1G-3G (Average)

Frequency (MHz)	Result (dBµV/m)	ARpl (dB)	PMea (dBµV/m)	Polarity
2661.5	41.64	17.3	24.34	V
2719.3	41.71	17.4	24.31	V
2770.4	42.27	18	24.27	V

RSE-11G-CH1-3G-18G

Frequency (MHz)	Result (dBµV/m)	ARpl (dB)	PMea (dBµV/m)	Polarity
3458.6	38.87	-6.7	45.57	V
5037.2	39.87	-0.9	40.77	V
6532.4	41.44	-2.4	43.84	V
8797.8	40.94	-1.8	42.74	V
11646.7	44.5	3.1	41.4	H
13730.7	46.18	4.4	41.78	H
17608.5	48.08	10.4	37.68	H

RSE-11G-CH1-30M-1G

Frequency (MHz)	Result (dBµV/m)	ARpl (dB)	PMea (dBµV/m)	Polarity
31.8	10.96	-15.7	26.66	V
35.2	12.2	-14.9	27.1	V

RSE-11G-CH11-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2559.6	52.1	16.1	36	V
2628.1	53.21	16.9	36.31	V
2708.2	54.15	17.2	36.95	V
2783.7	54.29	18.1	36.19	H
2888.4	54.61	17.8	36.81	V
2990.7	55.68	19.4	36.28	V

RSE-11G-CH11-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2708.2	41.7	17.2	24.5	V
2783.7	42.7	18.1	24.6	H
2888.4	42	17.8	24.2	V
2990.7	43.66	19.4	24.26	V

RSE-11G-CH11-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
5093.4	40.8	-0.6	41.4	V
6393.5	41.16	-2.4	43.56	V
8083.0	41.44	-1.4	42.84	H
10438.3	43.1	1.4	41.7	V
13117.8	43.98	4.4	39.58	H
16179.3	46.98	9.2	37.78	V

RSE-11G-CH11-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
31.5	11.19	-15.7	26.89	V
34.6	11.16	-15.1	26.26	V

67.5	8.63	-14.4	23.03	H

RSE-11N(40M)-CH3-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2563.6	52.35	16.1	36.25	H
2636.1	54.09	17	37.09	H
2694.5	53.69	17.1	36.59	H
2749.7	54.84	17.8	37.04	V
2825.0	54.15	17.9	36.25	V
2888.5	53.61	17.8	35.81	V

RSE-11N(40M)-CH3-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2636.1	41.86	17	24.86	H
2749.7	42.44	17.8	24.64	V
2825.0	42.22	17.9	24.32	V

RSE-11N(40M)-CH3-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
5100.2	41.48	-0.6	42.08	V
6503.1	41.92	-2.4	44.32	H
7816.4	42.27	-1.8	44.07	H
10193.3	43.55	0.7	42.85	V
12735.8	44.02	3.3	40.72	V
15179.8	47.15	6.8	40.35	H

RSE-11N(40M)-CH3-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.0	11.28	-15.7	26.98	V

35.3	11.83	-14.9	26.73	V
102.5	10.36	-12.8	23.16	V

RSE-11N(40M)-CH9-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2581.4	53.67	16.2	37.47	V
2636.1	54.76	17	37.76	H
2693.3	53.7	17.1	36.6	V
2743.3	54.58	17.7	36.88	H
2791.2	54.88	18.1	36.78	H
2847.2	54.48	17.7	36.78	H

RSE-11N(40M)-CH9-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2636.1	41.86	17	24.86	H
2743.3	42.45	17.7	24.75	H
2791.2	42.79	18.1	24.69	H
2847.2	42.28	17.7	24.58	H

RSE-11N(40M)-CH9-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3555.3	40	-6.2	46.2	H
4242.4	40.03	-5.2	45.23	H
5111.8	41.74	-0.8	42.54	H
6233.5	41.17	-2.6	43.77	V
7502.2	40.99	-2	42.99	V
9211.3	42.38	-0.4	42.78	H

RSE-11N(40M)-CH9-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.0	10.2	-15.7	25.9	V
35.5	12.52	-14.9	27.42	V
193.1	9.67	-13.1	22.77	H

RSE-11N-CH1-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2560.6	52.37	16.1	36.27	H
2659.9	53.67	17.3	36.37	V
2722.9	55.16	17.4	37.76	H
2786.8	55.06	18.1	36.96	H
2855.0	54.5	17.7	36.8	V
2942.0	55.73	18.7	37.03	H

RSE-11N-CH1-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2722.9	41.67	17.4	24.27	H
2786.8	42.78	18.1	24.68	H
2855.0	42.05	17.7	24.35	V
2942.0	43.2	18.7	24.5	H

RSE-11N-CH1-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4842.9	40.46	-3.4	43.86	H
7357.0	41.41	-2.1	43.51	H
9667.9	42.03	-0.8	42.83	H
12228.8	44.11	2.8	41.31	H
14373.6	45.7	5.6	40.1	H

17719.1	48.32	10.1	38.22	H

RSE-11N-CH1-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.1	11.4	-15.7	27.1	V
35.5	10.43	-14.9	25.33	V

RSE-11N-CH11-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2532.0	52.47	15.6	36.87	V
2615.8	53.11	16.7	36.41	H
2684.9	54.92	17.2	37.72	H
2756.8	54.73	17.9	36.83	V
2827.4	54.51	17.9	36.61	H
2918.8	55.14	18.2	36.94	V

RSE-11N-CH11-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2684.9	41.76	17.2	24.56	H
2756.8	42.36	17.9	24.46	V
2827.4	42.25	17.9	24.35	H
2918.8	42.57	18.2	24.37	V

RSE-11N-CH11-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
4455.0	41.35	-4.3	45.65	H
5948.4	39.99	-3.6	43.59	H
7678.3	42.21	-1.5	43.71	H
9940.0	41.86	-0.5	42.36	H

12477.2	45.49	3	42.49	H
16131.1	47.39	9.1	38.29	H

RSE-11N-CH11-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
32.3	10.79	-15.7	26.49	V
35.4	11.57	-14.9	26.47	V
55.5	11.44	-11.7	23.14	H
101.6	10.24	-12.8	23.04	V
334.3	13.5	-8.7	22.2	V
760.0	22.23	-0.2	22.43	H

Second supply

RSE-11N(40M)-CH3-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2560.8	53.54	16.1	37.44	H
2640.6	53.71	17.1	36.61	V
2687.7	53.72	17.2	36.52	H
2766.6	53.61	17.9	35.71	V
2842.7	55.09	17.8	37.29	V
2926.7	54.26	18.4	35.86	H

RSE-11N(40M)-CH3-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2842.7	42.19	17.8	24.39	V
2926.7	42.47	18.4	24.07	H

RSE-11N(40M)-CH3-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity

3460.6	38.29	-6.7	44.99	H
5161.2	40.83	-1.7	42.53	H
7045.3	40.98	-2.1	43.08	V
8775.5	41.4	-1.8	43.2	H
11558.0	45.28	3.4	41.88	V
17638.4	47.89	10.2	37.69	V

RSE-11N(40M)-CH3-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
35.4	12.99	-14.9	27.89	V

RSE-11N(40M)-CH9-1G-3G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2584.0	52.76	16.2	36.56	H
2681.2	53.56	17.2	36.36	V
2738.0	54.92	17.7	37.22	V
2792.4	54.49	18.1	36.39	H
2870.9	53.71	17.7	36.01	V
2963.4	55.4	19	36.4	V

RSE-11N(40M)-CH9-1G-3G (Average)

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
2738.0	42.29	17.7	24.59	V
2792.4	42.72	18.1	24.62	H
2963.4	43.15	19	24.15	V

RSE-11N(40M)-CH9-3G-18G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
3574.1	39.8	-6.2	46	H

5227.7	41.4	-2.2	43.6	H
7729.4	41.4	-1.6	43	V
9638.7	40.86	-0.8	41.66	H
11617.4	45.26	3.3	41.96	H
16719.0	47.8	9.9	37.9	H

RSE-11N(40M)-CH9-30M-1G

Frequency (MHz)	Result (dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Polarity
34.6	9.83	-15.1	24.93	V

Note1: The out-of- limit signal in the picture is the main frequency signal.

Note2: Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier, the Emissions in the frequency band 18GHz-40GHz is more than 20dB below the limit are not report.

6.9. AC Powerline Conducted Emission

Method of Measurement: ANSI C63.10-2013-clause 6.2

1.The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.

2.f the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.

3.The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.

4.If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.

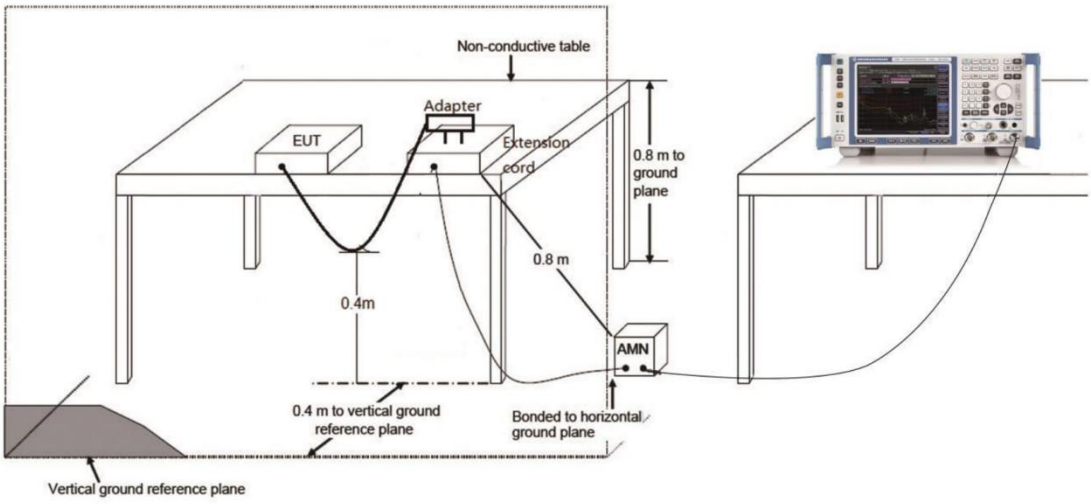
If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy

load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.36 Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

Measurement Uncertainty:

Measurement Uncertainty	1.97dB（k=2）

Test Setup



Test Condition

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

(Quasi-peak-average Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average Limit (dBμV)	Conclusion
0.15 to 0.5	66 to 56	56 to 46	P
0.5 to 5	56	46	
5 to 30	60	50	
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.			

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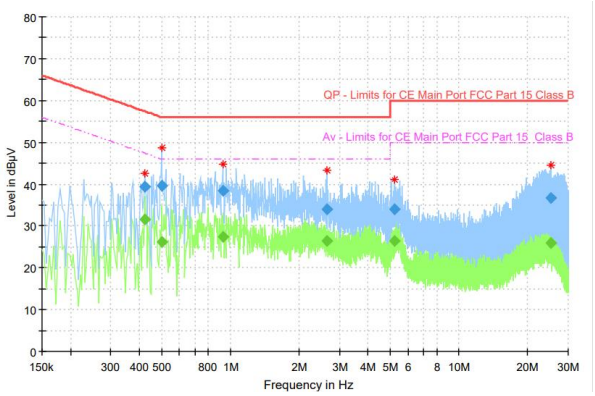

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Frequency (MHz)	QuasiPeak (dBµV)	Average (dµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.422381	39.42	---	57.40	17.98	15000.0	9.000	N	ON	8.9
0.422381	---	31.49	47.40	15.92	15000.0	9.000	N	ON	8.9
0.500738	---	26.29	46.00	19.71	15000.0	9.000	N	ON	9.6
0.500738	39.52	---	56.00	16.48	15000.0	9.000	N	ON	9.6
0.926100	38.41	---	56.00	17.59	15000.0	9.000	L1	ON	9.6
0.926100	---	27.33	46.00	18.67	15000.0	9.000	L1	ON	9.6
2.642475	---	26.33	46.00	19.67	15000.0	9.000	N	ON	9.7
2.642475	34.06	---	56.00	21.94	15000.0	9.000	N	ON	9.7
5.228231	---	26.41	50.00	23.59	15000.0	9.000	N	ON	9.8
5.228231	33.91	---	60.00	26.09	15000.0	9.000	N	ON	9.8
25.242656	---	25.94	50.00	24.06	15000.0	9.000	N	ON	10.2
25.242656	36.58	---	60.00	23.42	15000.0	9.000	N	ON	10.2

Annex A EUT Photos

See the document"I23W00020-External Photos".
See the document" I23W00020-Internal Photos ".

ANNEX B Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

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