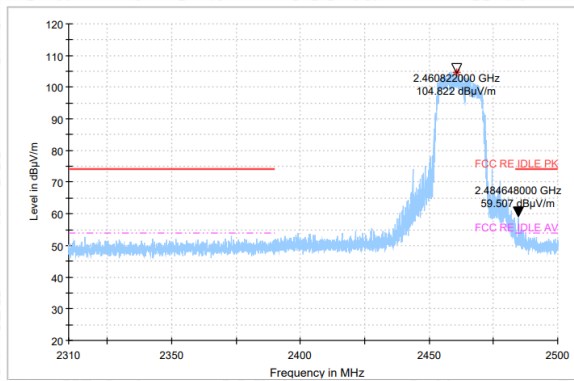
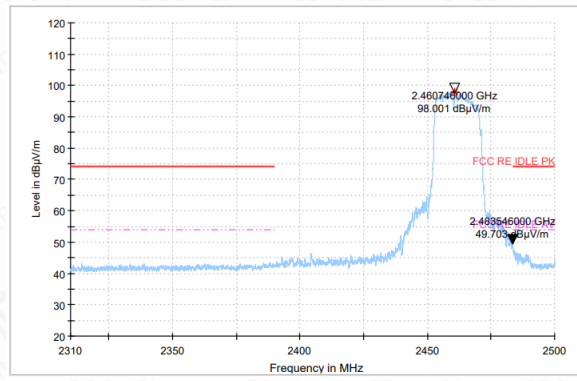


Band edge: 802.11n(20M), high channel

Peak detector

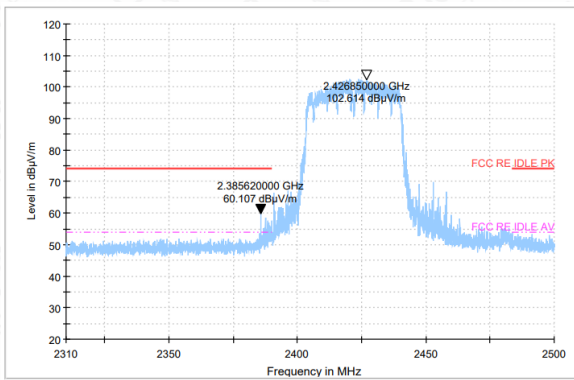


AV detector

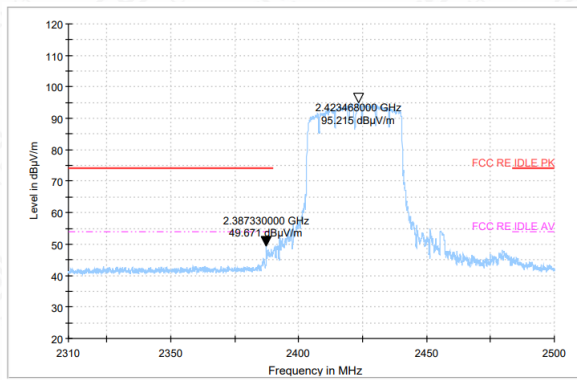


Band edge: 802.11n(40M), low channel

Peak detector

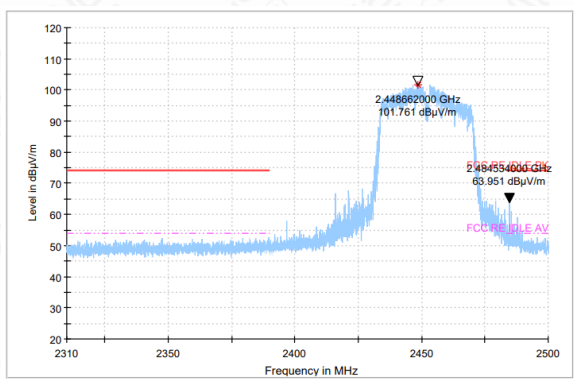


AV detector

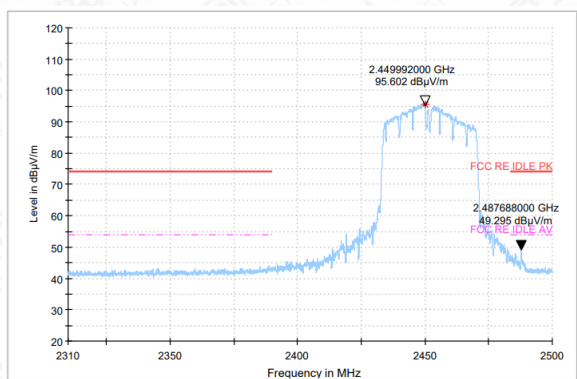


Band edge: 802.11n(40M), high channel

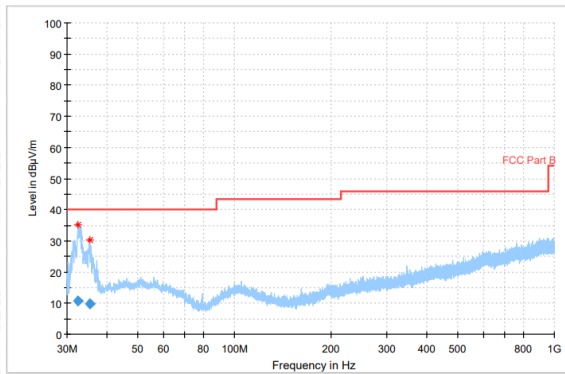
Peak detector



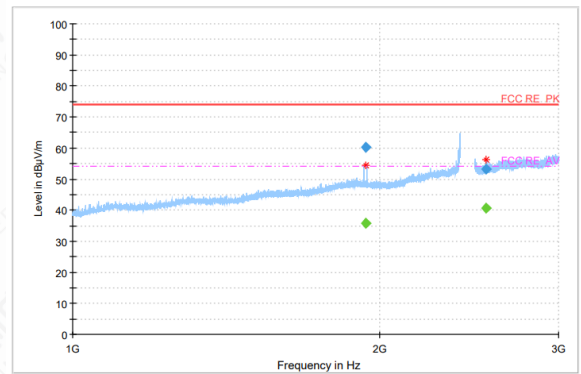
AV detector



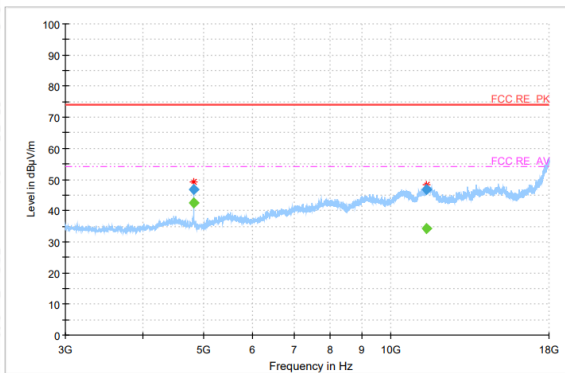
Radiated Spurious Emission
(802.11b, Ch1, 30M~1GHz)



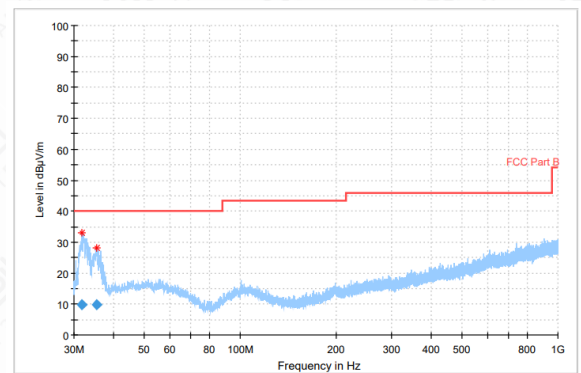
Radiated Spurious Emission
(802.11b, Ch1, 1GHz~3GHz)



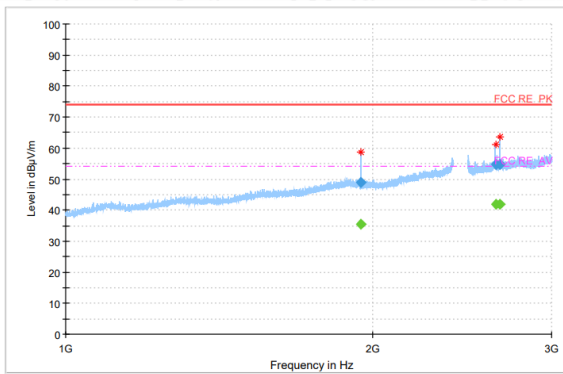
Radiated Spurious Emission
(802.11b, Ch1, 3GHz~18GHz)



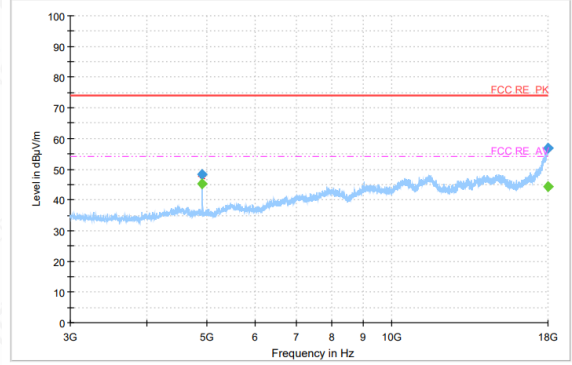
Radiated Spurious Emission
(802.11b, Ch11, 30M~1GHz)



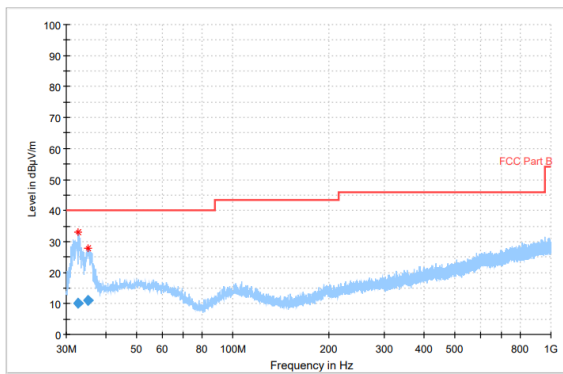
**Radiated Spurious Emission
(802.11b, Ch11, 1GHz~3GHz)**



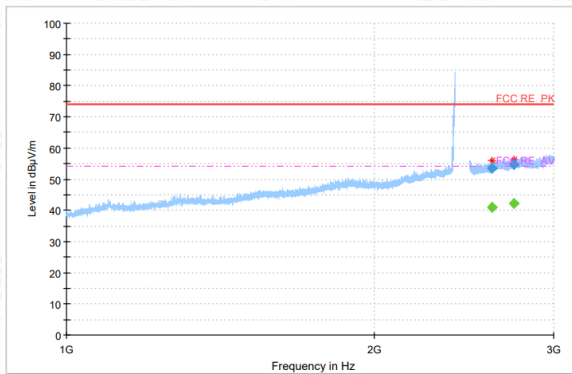
**Radiated Spurious Emission
(802.11b, Ch11, 3GHz~18GHz)**



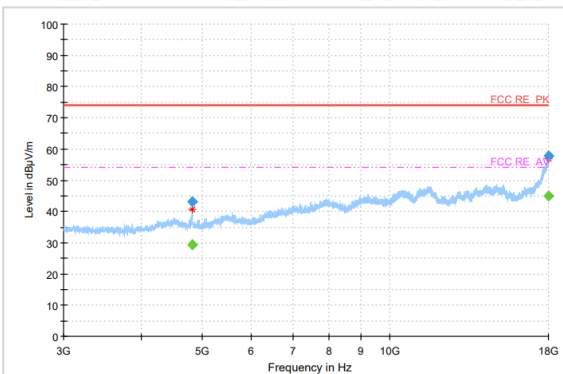
**Radiated Spurious Emission
(802.11g, Ch1, 30MHz~1GHz)**



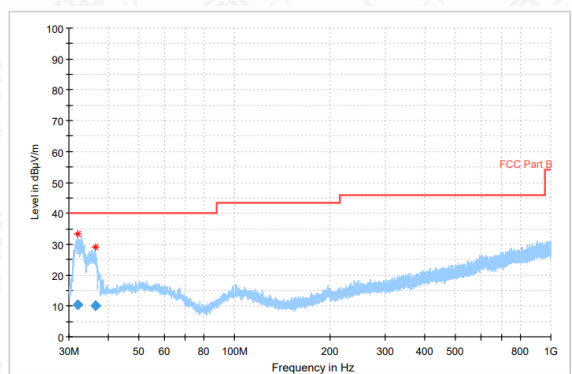
**Radiated Spurious Emission
(802.11g, Ch1, 1GHz~3GHz)**



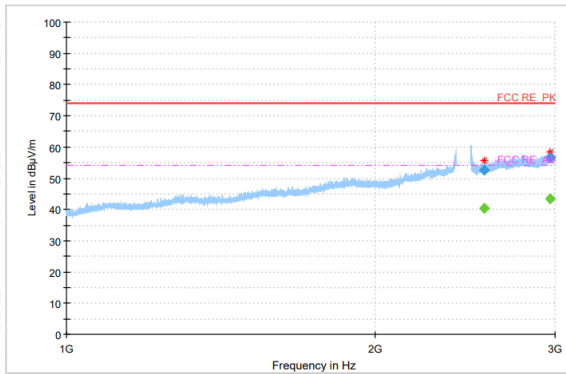
**Radiated Spurious Emission
(802.11g, Ch1, 3GHz~18GHz)**



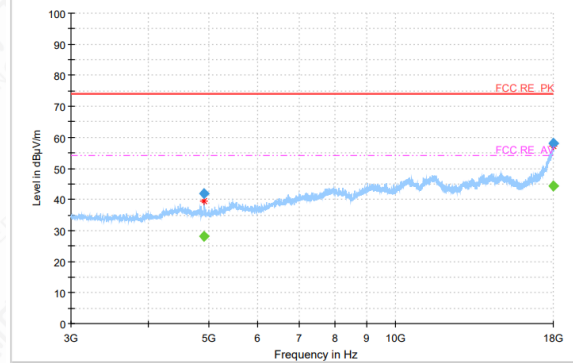
**Radiated Spurious Emission
(802.11g, Ch11, 30MHz~1GHz)**



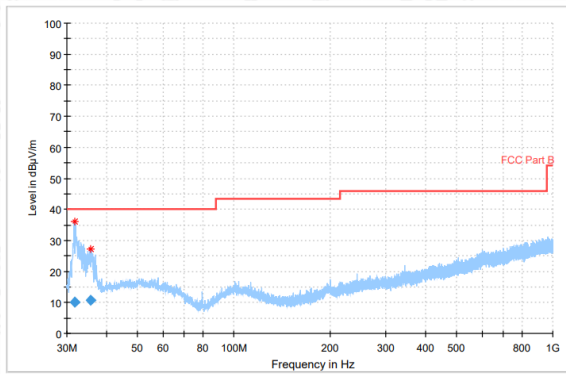
Radiated Spurious Emission
(802.11g, Ch11, 1GHz~3GHz)



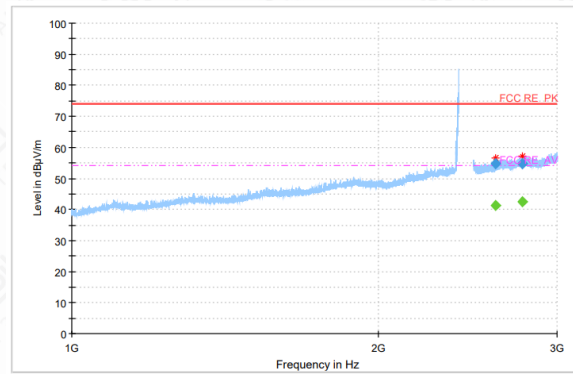
Radiated Spurious Emission
(802.11g, Ch11, 3GHz~18GHz)



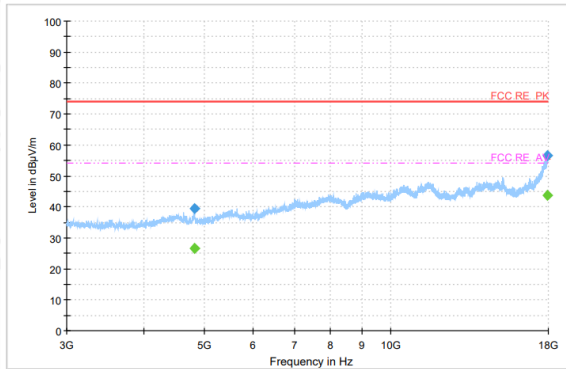
Radiated Spurious Emission
(802.11n 20M, Ch1, 30MHz~1GHz)



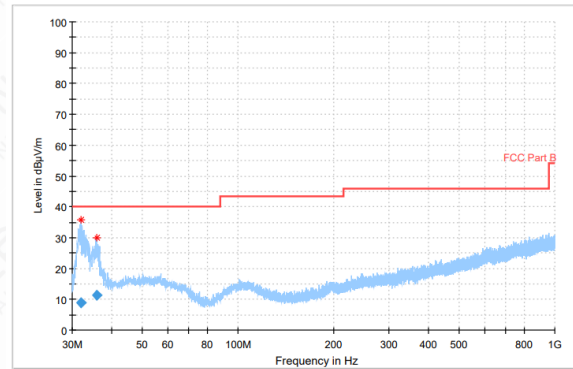
Radiated Spurious Emission
(802.11n 20M, Ch1, 1GHz~3GHz)

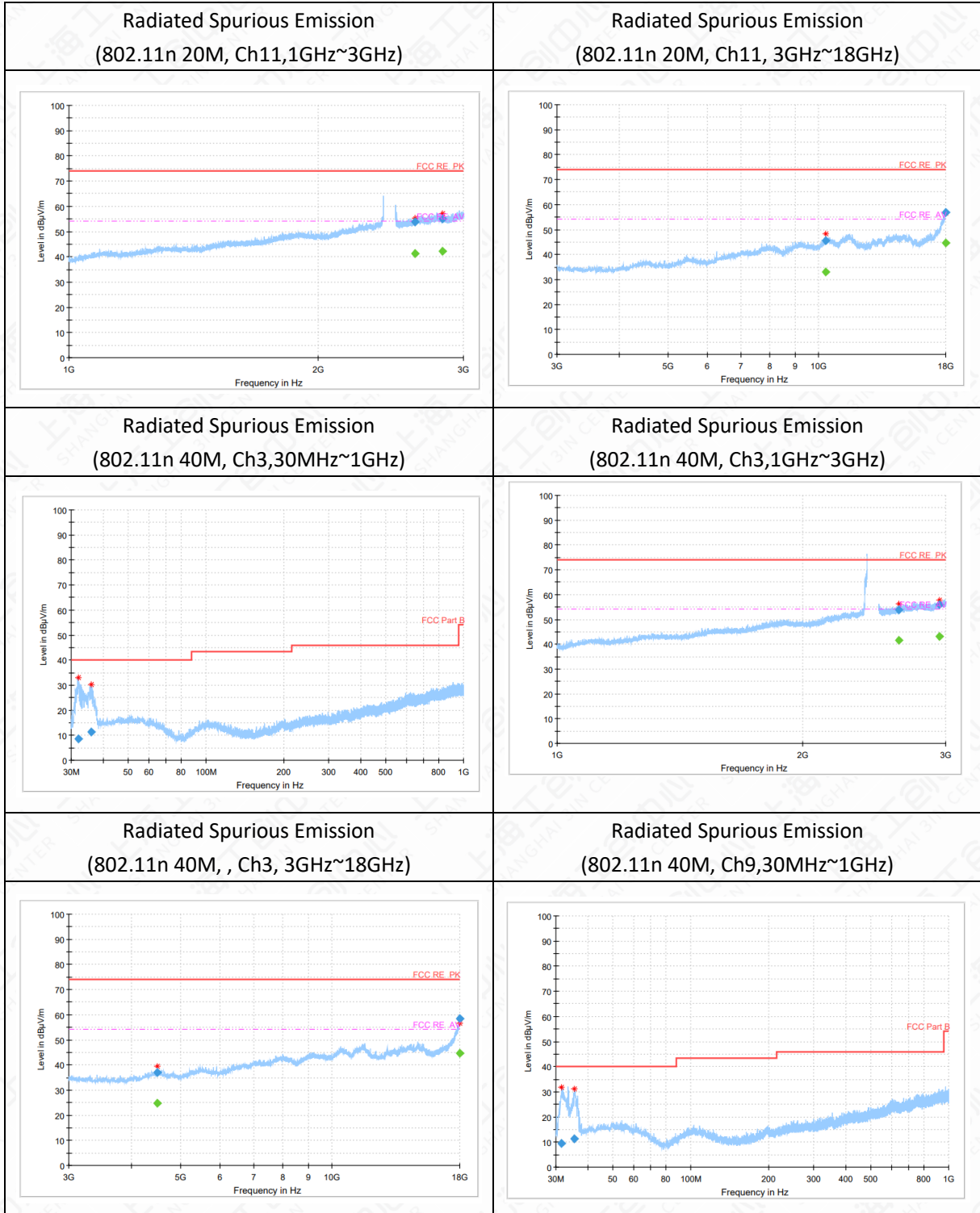


Radiated Spurious Emission
(802.11n 20M, Ch1, 3GHz~18GHz)

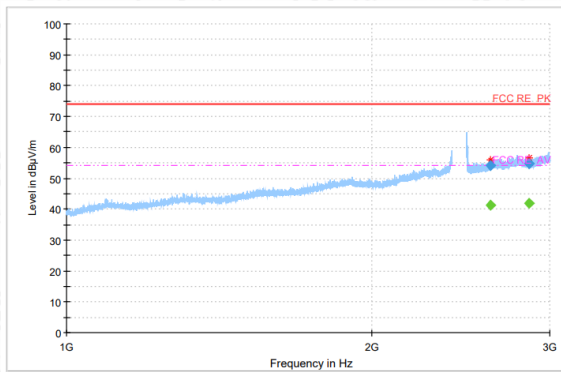


Radiated Spurious Emission
(802.11n 20M, Ch11, 30MHz~1GHz)

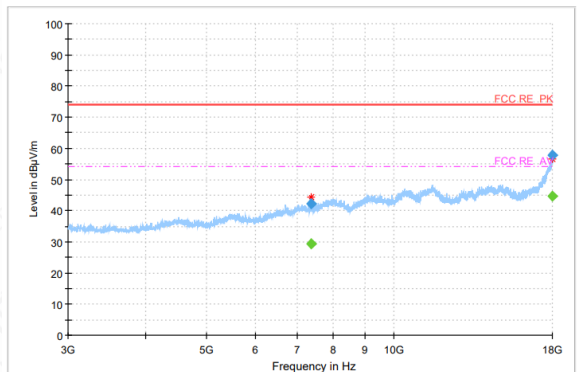




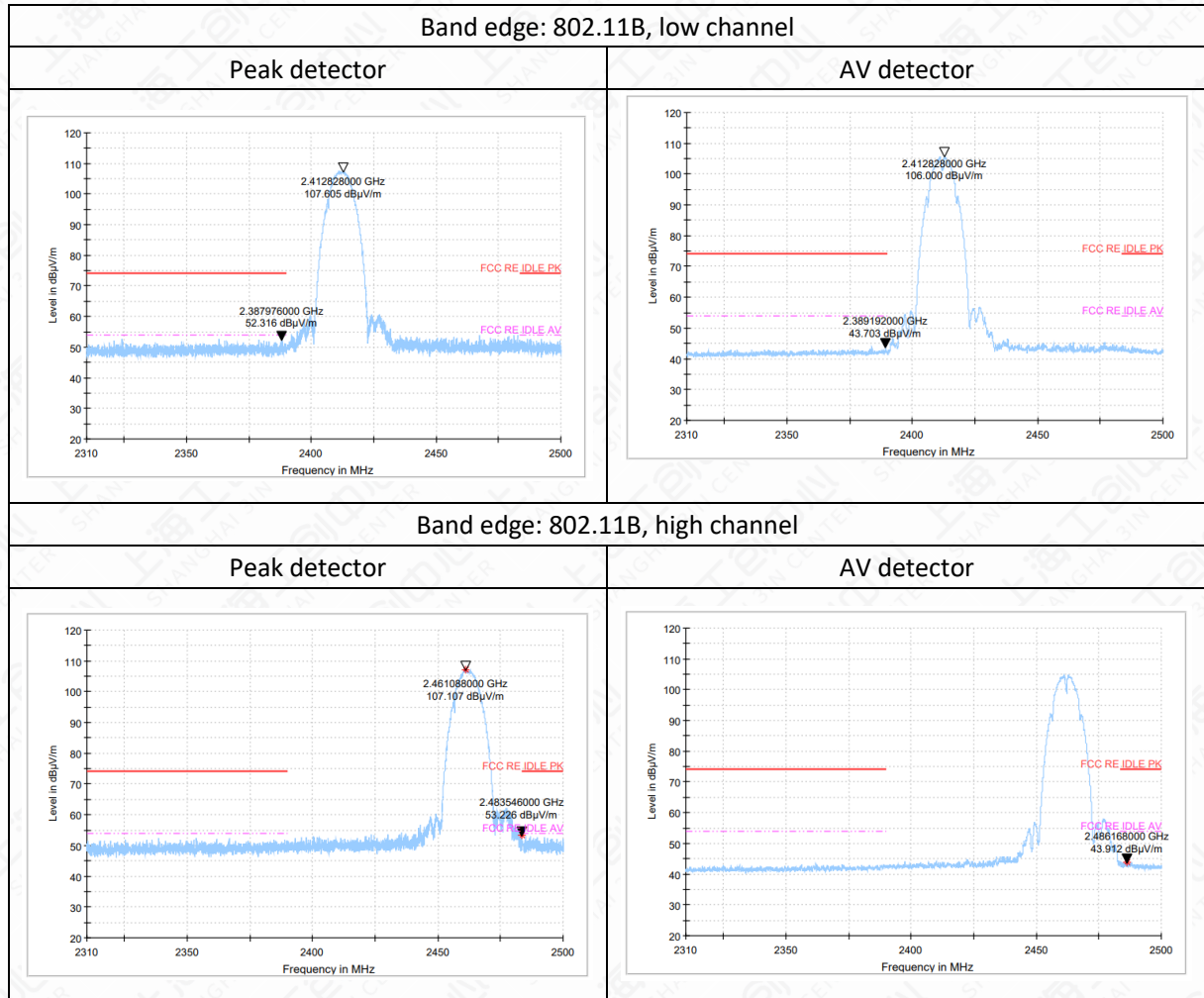
Radiated Spurious Emission
(802.11n 40M, Ch9, 1GHz~3GHz)

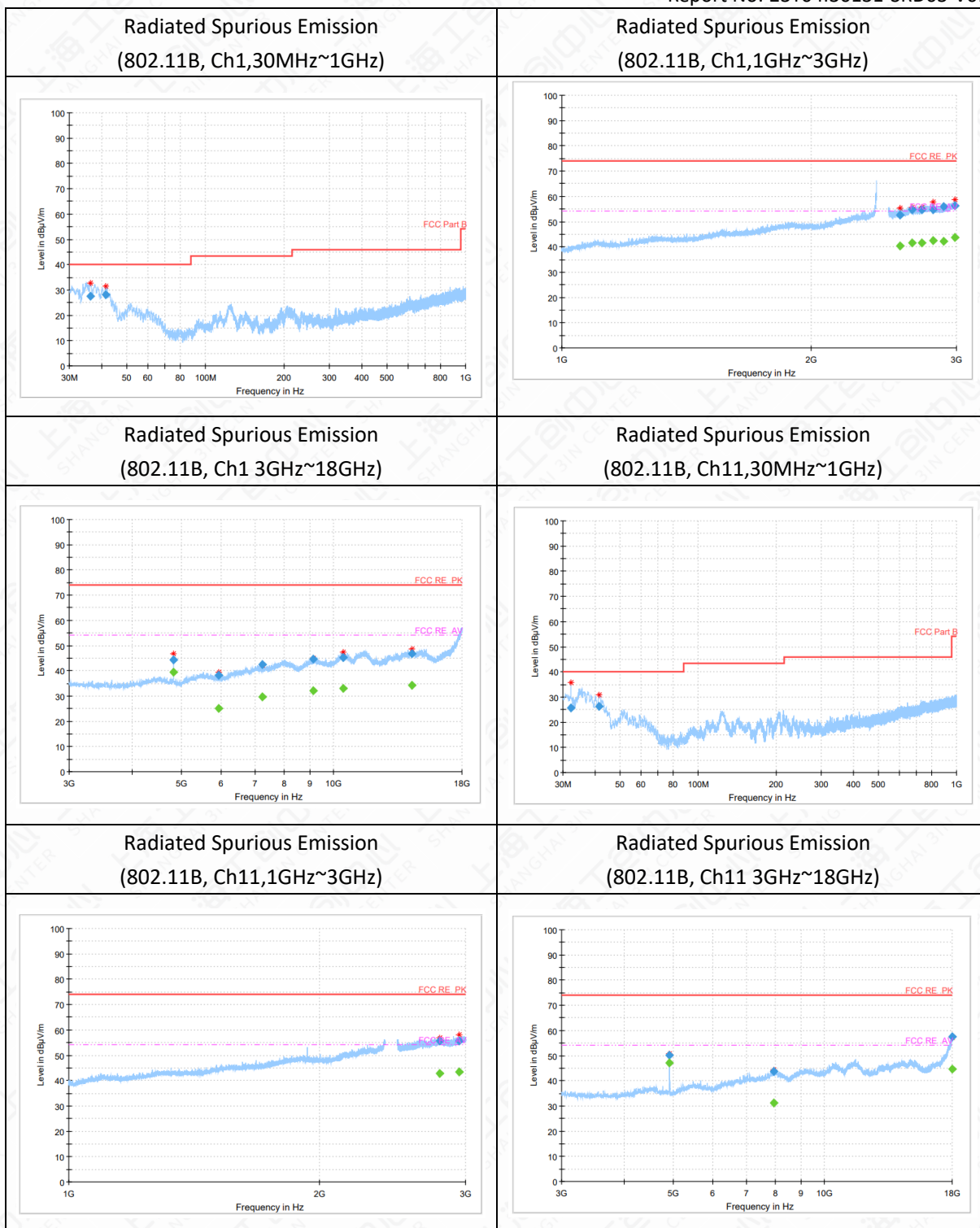


Radiated Spurious Emission
(802.11n 40M, Ch9 3GHz~18GHz)



Secondary supply (S21)





Note:1. The out-of- limit signal in the picture is the main frequency signal.

2. Only data in worst mode is provided.

3. Sweep the whole frequency band through the range from 30MHz to the 10th harmonic of the carrier, the Emissions in the frequency band 18GHz-26.5GHz is more than 20dB below the limit are not report.

4. The test data below 30MHz is more than 20dB lower than the limit value, so it is not provided in the report.

5. Horizontal and vertical polarity is all have been tested, the result of them is synthesized in the above data diagram.

Mainly Supply (S14)
802.11b Ch1 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.549920	10.79	40.00	29.21	1000.0	120.000	103.0	V	177.0
35.276044	9.76	40.00	30.24	1000.0	120.000	103.0	V	9.0

802.11b Ch1 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
1941.669750	---	35.64	54.00	18.36	500.0	1000.000	103.0	V	8.0
1941.669750	60.39	---	74.00	13.61	500.0	1000.000	103.0	V	8.0
2548.160062	---	40.55	54.00	13.45	500.0	1000.000	103.0	V	189.0
2548.160062	53.33	---	74.00	20.67	500.0	1000.000	103.0	V	189.0

802.11b Ch1 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4823.500000	---	42.46	54.00	11.54	500.0	1000.000	100.0	H	146.0
4823.500000	46.67	---	74.00	27.33	500.0	1000.000	100.0	H	146.0
11439.875000	---	34.19	54.00	19.81	500.0	1000.000	100.0	V	281.0
11439.875000	46.80	---	74.00	27.20	500.0	1000.000	100.0	V	281.0

802.11b Ch11 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.750428	9.79	40.00	30.21	1000.0	120.000	103.0	V	192.0
35.388848	9.78	40.00	30.22	1000.0	120.000	103.0	V	304.0

802.11b Ch11 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
1948.576750	---	35.47	54.00	18.53	500.0	1000.000	103.0	H	204.0
1948.576750	48.96	---	74.00	25.04	500.0	1000.000	103.0	H	204.0
2642.630062	---	41.76	54.00	12.24	500.0	1000.000	103.0	H	159.0
2642.630062	54.64	---	74.00	19.36	500.0	1000.000	103.0	H	159.0
2670.828812	---	41.79	54.00	12.21	500.0	1000.000	103.0	H	203.0
2670.828812	54.87	---	74.00	19.13	500.0	1000.000	103.0	H	203.0

802.11b Ch11 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4924.250000	---	45.22	54.00	8.78	500.0	1000.000	100.0	H	143.0
4924.250000	48.29	---	74.00	25.71	500.0	1000.000	100.0	H	143.0
17977.500000	---	44.48	54.00	9.52	500.0	1000.000	100.0	H	336.0
17977.500000	57.02	---	74.00	16.98	500.0	1000.000	100.0	H	336.0

802.11g Ch1 30MHz~1GHz

Frequency	QuasiPeak	Limit	Margin	Meas.	Bandwidth	Height	Pol	Azimuth
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(MHz)	(dBμV/m)	(dBμV/m)	(dB)	Time(ms)	(kHz)	(cm)		(deg)
32.671172	10.24	40.00	29.76	1000.0	120.000	103.0	V	10.0
35.188980	10.88	40.00	29.12	1000.0	120.000	103.0	V	26.0

802.11g Ch1 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2608.251250	53.50	---	74.00	20.50	500.0	1000.000	103.0	V	1.0
2608.251250	---	40.92	54.00	13.08	500.0	1000.000	103.0	V	1.0
2739.586438	54.84	---	74.00	19.16	500.0	1000.000	103.0	H	115.0
2739.586438	---	42.31	54.00	11.69	500.0	1000.000	103.0	H	115.0

802.11g Ch1 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4827.125000	---	29.23	54.00	24.77	500.0	1000.000	100.0	H	146.0
4827.125000	43.08	---	74.00	30.92	500.0	1000.000	100.0	H	146.0
17998.125000	---	44.91	54.00	9.09	500.0	1000.000	100.0	H	302.0
17998.125000	57.75	---	74.00	16.25	500.0	1000.000	100.0	H	302.0

802.11g Ch11 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.096320	10.50	40.00	29.50	1000.0	120.000	103.0	V	205.0
36.414848	10.21	40.00	29.79	1000.0	120.000	103.0	V	49.0

802.11g Ch11 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2559.521625	52.67	---	74.00	21.33	500.0	1000.000	103.0	V	105.0
2559.521625	---	40.45	54.00	13.55	500.0	1000.000	103.0	V	105.0
2965.475562	56.53	---	74.00	17.47	500.0	1000.000	103.0	H	85.0
2965.475562	---	43.32	54.00	10.68	500.0	1000.000	103.0	H	85.0

802.11g Ch11 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4922.875000	41.94	---	74.00	32.06	500.0	1000.000	100.0	H	145.0
4922.875000	---	28.17	54.00	25.83	500.0	1000.000	100.0	H	145.0
17968.125000	57.98	---	74.00	16.02	500.0	1000.000	100.0	H	79.0
17968.125000	---	44.44	54.00	9.56	500.0	1000.000	100.0	H	79.0

802.11n Ch1 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.743884	10.01	40.00	29.99	1000.0	120.000	103.0	V	169.0
35.509148	10.69	40.00	29.31	1000.0	120.000	103.0	V	35.0

802.11n Ch1 1GHz~3GHz

Frequency	MaxPeak	Average	Limit	Margin	Meas.	Bandwidth	Height	Pol	Azimuth
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(MHz)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)	Time(ms)	(kHz)	(cm)		(deg)
2612.656562	---	41.14	54.00	12.86	500.0	1000.000	103.0	V	188.0
2612.656562	54.72	---	74.00	19.28	500.0	1000.000	103.0	V	188.0
2773.950188	---	42.38	54.00	11.62	500.0	1000.000	103.0	V	110.0
2773.950188	54.68	---	74.00	19.32	500.0	1000.000	103.0	V	110.0

802.11n Ch1 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4832.375000	39.47	---	74.00	34.53	500.0	1000.000	100.0	H	137.0
4832.375000	---	26.52	54.00	27.48	500.0	1000.000	100.0	H	137.0
17954.000000	56.57	---	74.00	17.43	500.0	1000.000	100.0	H	153.0
17954.000000	---	43.78	54.00	10.22	500.0	1000.000	100.0	H	153.0

802.11n Ch11 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.955840	8.90	40.00	31.10	1000.0	120.000	103.0	V	341.0
35.833888	11.30	40.00	28.70	1000.0	120.000	103.0	V	55.0

802.11n Ch11 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2620.226875	---	41.23	54.00	12.77	500.0	1000.000	103.0	H	306.0
2620.226875	53.94	---	74.00	20.06	500.0	1000.000	103.0	H	306.0
2832.362750	---	42.17	54.00	11.83	500.0	1000.000	103.0	V	11.0
2832.362750	54.95	---	74.00	19.05	500.0	1000.000	103.0	V	11.0

802.11n Ch11 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
10369.250000	45.66	---	74.00	28.34	500.0	1000.000	100.0	V	86.0
10369.250000	---	32.93	54.00	21.07	500.0	1000.000	100.0	V	86.0
17995.250000	56.76	---	74.00	17.24	500.0	1000.000	100.0	H	289.0
17995.250000	---	44.55	54.00	9.45	500.0	1000.000	100.0	H	289.0

802.11n 40M Ch3 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.919628	8.64	40.00	31.36	1000.0	120.000	103.0	V	343.0
35.878472	11.28	40.00	28.72	1000.0	120.000	103.0	V	51.0

802.11n 40M Ch3 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2630.202500	53.93	---	74.00	20.07	500.0	1000.000	103.0	V	45.0
2630.202500	---	41.61	54.00	12.39	500.0	1000.000	103.0	V	45.0
2944.428188	56.03	---	74.00	17.97	500.0	1000.000	103.0	H	302.0
2944.428188	---	43.24	54.00	10.76	500.0	1000.000	103.0	H	302.0

802.11n 40M Ch3 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4502.750000	37.13	---	74.00	36.87	500.0	1000.000	100.0	V	358.0
4502.750000	---	24.68	54.00	29.32	500.0	1000.000	100.0	V	358.0
17999.000000	58.34	---	74.00	15.66	500.0	1000.000	100.0	V	45.0
17999.000000	---	44.79	54.00	9.21	500.0	1000.000	100.0	V	45.0

802.11n 40M Ch9 30MHz~1GHz

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.593464	9.51	40.00	30.49	1000.0	120.000	103.0	V	178.0
35.354704	11.38	40.00	28.62	1000.0	120.000	103.0	V	50.0

802.11n 40M Ch9 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2619.614250	---	41.22	54.00	12.78	500.0	1000.000	103.0	H	217.0
2619.614250	54.13	---	74.00	19.87	500.0	1000.000	103.0	H	217.0
2859.156188	---	42.03	54.00	11.97	500.0	1000.000	103.0	V	173.0
2859.156188	54.71	---	74.00	19.29	500.0	1000.000	103.0	V	173.0

802.11n 40M Ch9 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
7365.000000	---	29.29	54.00	24.71	500.0	1000.000	100.0	V	79.0
7365.000000	42.27	---	74.00	31.73	500.0	1000.000	100.0	V	79.0
18000.000000	---	44.78	54.00	9.22	500.0	1000.000	100.0	V	68.0
18000.000000	57.69	---	74.00	16.31	500.0	1000.000	100.0	V	68.0

Secondary supply (S21)
802.11b Ch1 30MHz~1GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.102464	27.44	40.00	12.56	1000.0	120.000	100.0	V	63.0	36.102464
41.377752	28.15	40.00	11.85	1000.0	120.000	100.0	V	168.0	41.377752

802.11b Ch1 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2563.072562	---	40.43	54.00	13.57	500.0	1000.000	100.0	H	148.0
2563.072562	52.65	---	74.00	21.35	500.0	1000.000	100.0	H	148.0
2651.716875	---	41.67	54.00	12.33	500.0	1000.000	100.0	V	246.0
2651.716875	54.60	---	74.00	19.40	500.0	1000.000	100.0	V	246.0
2726.771500	---	41.71	54.00	12.29	500.0	1000.000	100.0	V	289.0
2726.771500	54.67	---	74.00	19.33	500.0	1000.000	100.0	V	289.0
2809.734312	---	42.50	54.00	11.50	500.0	1000.000	100.0	V	17.0
2809.734312	54.89	---	74.00	19.11	500.0	1000.000	100.0	V	17.0
2896.958250	---	42.26	54.00	11.74	500.0	1000.000	100.0	H	284.0
2896.958250	56.01	---	74.00	17.99	500.0	1000.000	100.0	H	284.0
2985.748188	---	43.78	54.00	10.22	500.0	1000.000	100.0	V	182.0

802.11b Ch1 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4823.500000	44.36	---	74.00	29.64	500.0	1000.000	100.0	V	143.0
4823.500000	---	39.40	54.00	14.60	500.0	1000.000	100.0	V	143.0
5926.000000	38.21	---	74.00	35.79	500.0	1000.000	100.0	H	97.0
5926.000000	---	24.97	54.00	29.03	500.0	1000.000	100.0	H	97.0
7238.000000	42.41	---	74.00	31.59	500.0	1000.000	100.0	H	203.0
7238.000000	---	29.58	54.00	24.42	500.0	1000.000	100.0	H	203.0
9120.875000	---	32.06	54.00	21.94	500.0	1000.000	100.0	V	307.0
9120.875000	44.72	---	74.00	29.28	500.0	1000.000	100.0	V	307.0
10485.000000	---	32.96	54.00	21.04	500.0	1000.000	100.0	V	250.0
10485.000000	45.31	---	74.00	28.69	500.0	1000.000	100.0	V	250.0
14310.500000	46.84	---	74.00	27.16	500.0	1000.000	100.0	V	67.0
14310.500000	---	34.23	54.00	19.77	500.0	1000.000	100.0	V	67.0

802.11b Ch11 30MHz~1GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.116092	25.80	40.00	14.20	1000.0	120.000	100.0	V	334.0	32.116092
41.444588	26.28	40.00	13.72	1000.0	120.000	100.0	V	0.0	41.444588

802.11b Ch11 1GHz~3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
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2794.982500	55.79	---	74.00	18.21	500.0	1000.000	100.0	H	212.0
2794.982500	---	42.77	54.00	11.23	500.0	1000.000	100.0	H	212.0
2945.671375	55.68	---	74.00	18.32	500.0	1000.000	100.0	H	24.0
2945.671375	---	43.30	54.00	10.70	500.0	1000.000	100.0	H	24.0

802.11b Ch11 3GHz~18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average dBμV/m)	Limit dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4923.750000	---	47.18	54.00	6.82	500.0	1000.000	100.0	H	200.0
4923.750000	50.15	---	74.00	23.85	500.0	1000.000	100.0	H	200.0
7935.500000	43.75	---	74.00	30.25	500.0	1000.000	100.0	V	298.0
7935.500000	---	31.30	54.00	22.70	500.0	1000.000	100.0	V	298.0
17976.125000	57.34	---	74.00	16.66	500.0	1000.000	100.0	V	35.0
17976.125000	---	44.63	54.00	9.37	500.0	1000.000	100.0	V	35.0

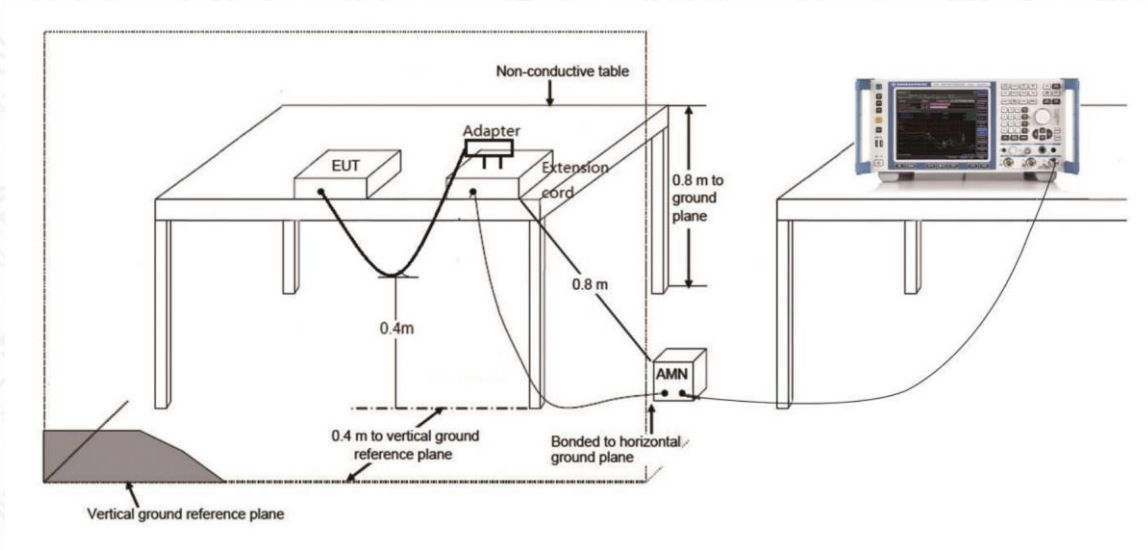
6.9 AC Powerline Conducted Emission

6.9.1 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. If 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.

6.9.2 Test Setup



6.9.3 Test Condition

Voltage (V)	Frequency (Hz)
120	60

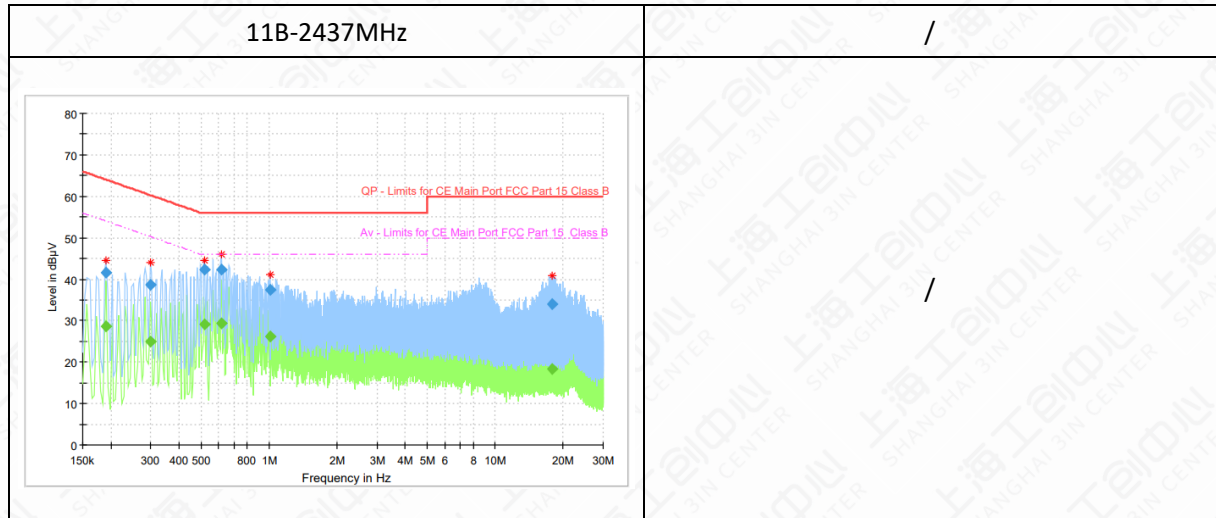
6.9.4 Measurement limit

(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.

6.9.5 Measurement Result



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas.Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.191044	---	28.53	53.99	25.46	15000.0	9.000	L1	ON	9.6
0.191044	41.67	---	63.99	22.32	15000.0	9.000	L1	ON	9.6
0.299250	---	25.03	50.26	25.23	15000.0	9.000	N	ON	7.3
0.299250	38.73	---	60.26	21.53	15000.0	9.000	N	ON	7.3
0.519394	---	29.12	46.00	16.88	15000.0	9.000	N	ON	9.6
0.519394	42.38	---	56.00	13.62	15000.0	9.000	N	ON	9.6
0.616406	---	29.37	46.00	16.63	15000.0	9.000	N	ON	9.6
0.616406	42.32	---	56.00	13.68	15000.0	9.000	N	ON	9.6
1.008188	37.32	---	56.00	18.68	15000.0	9.000	L1	ON	9.6
1.008188	---	26.13	46.00	19.87	15000.0	9.000	L1	ON	9.6
17.869706	33.93	---	60.00	26.07	15000.0	9.000	L1	ON	10.0
17.869706	---	18.24	50.00	31.76	15000.0	9.000	L1	ON	10.0

Note: All modes have been tested and only the worst mode is recorded in the report.

Annex A: Revised History

Version	Revised Content
V00	Initial
V01	first change of test report

Annex B: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

INDUSTRIAL INTERNET INNOVATION CENTER (SHANGHAI) CO., LTD.

Shanghai, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. 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 April 2017).



Presented this 20th day of September 2023.



Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3682.01
Valid to February 28, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

END OF REPORT