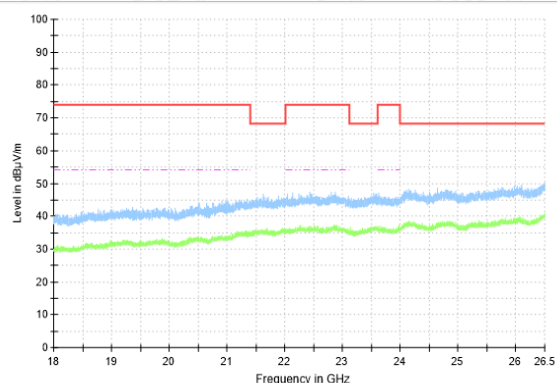
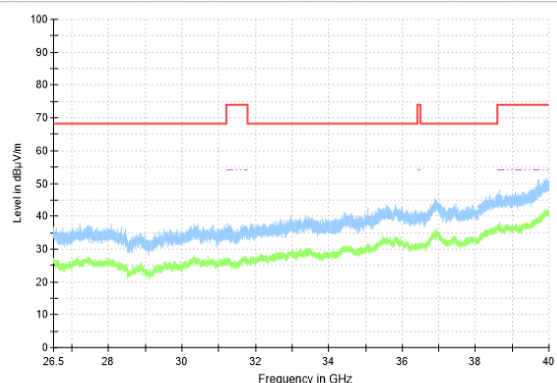


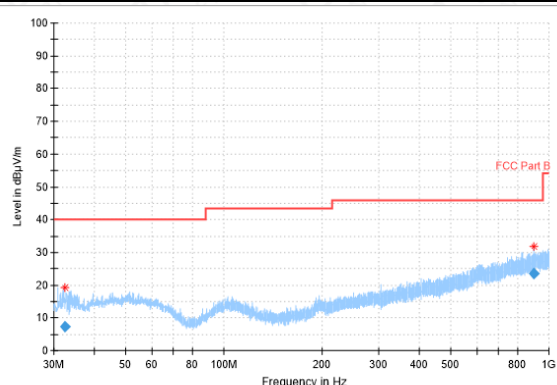
RSE-11N(20M)-CH52-18GHz-26.5GHz



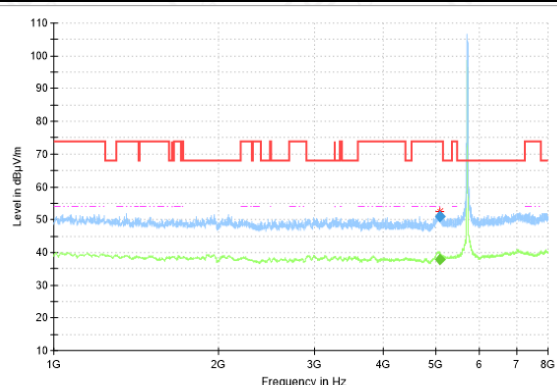
RSE-11N(20M)-CH52-26.5GHz-40GHz



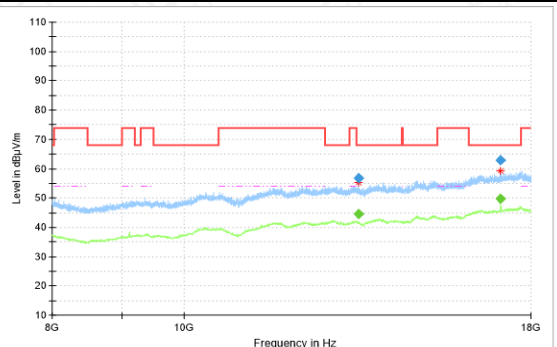
RSE-11N(20M)-CH140-30MHz-1GHz



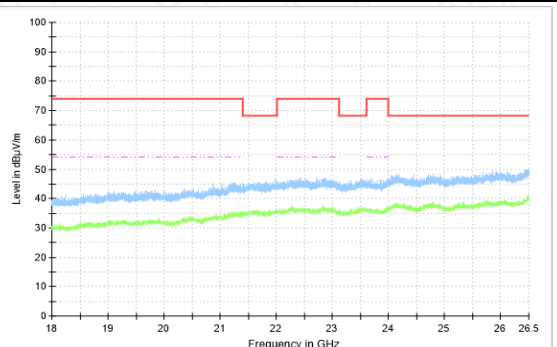
RSE-11N(20M)-CH140-1GHz-8GHz



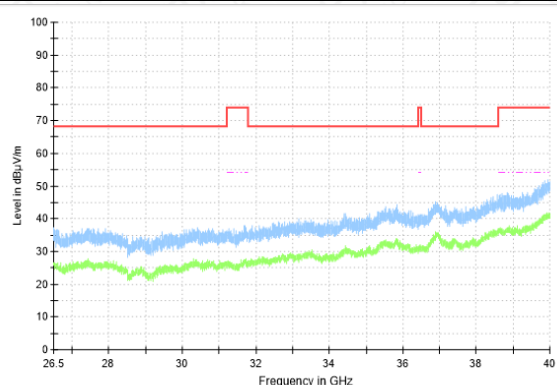
RSE-11N(20M)-CH140-8GHz-18GHz-YLD



RSE-11N(20M)-CH140-18GHz-26.5GHz

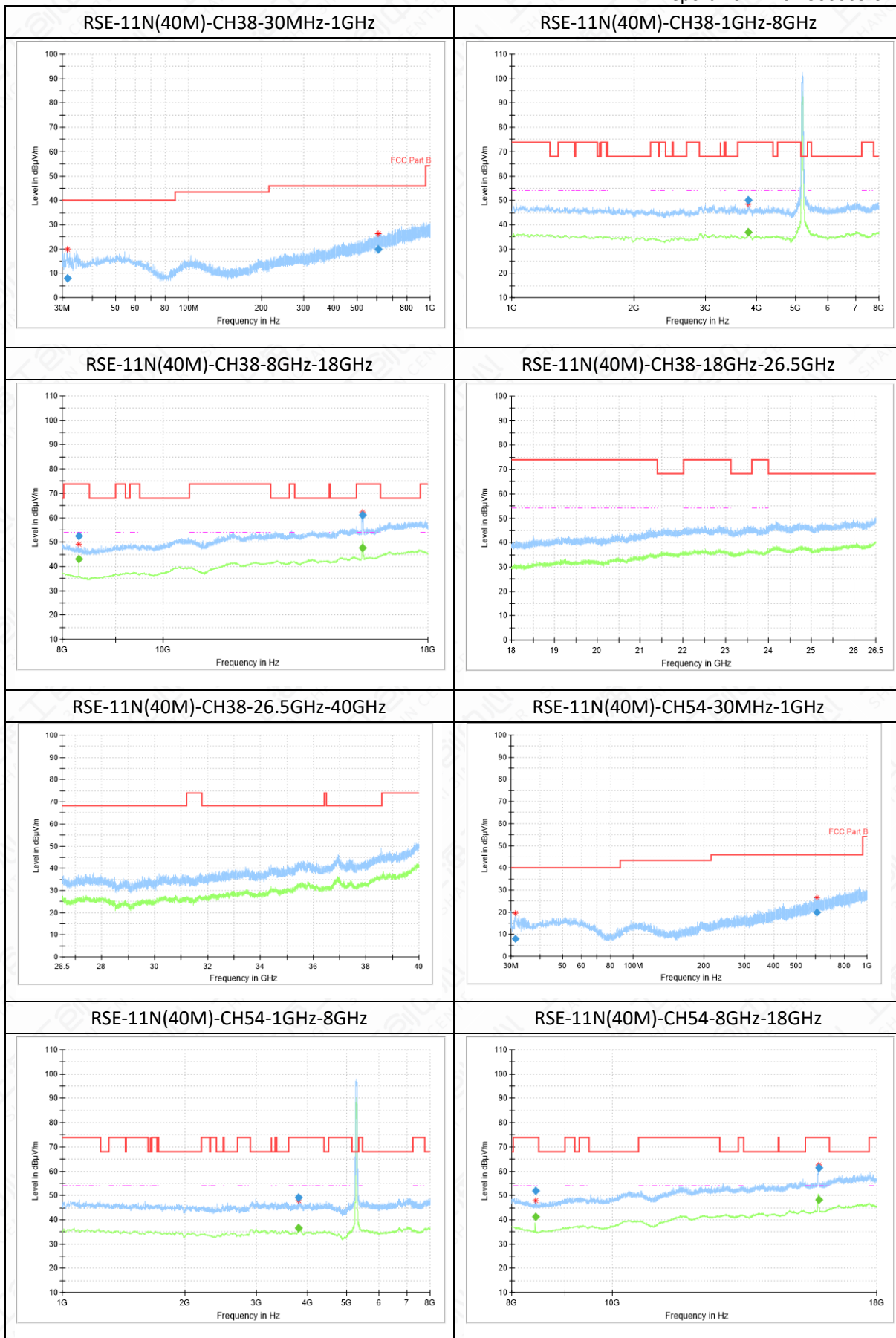


RSE-11N(20M)-CH140-26.5GHz-40GHz

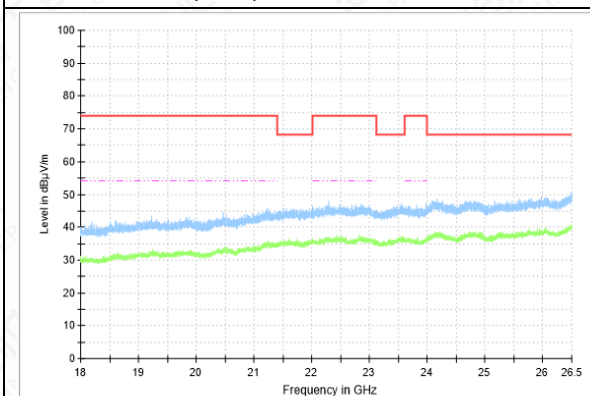


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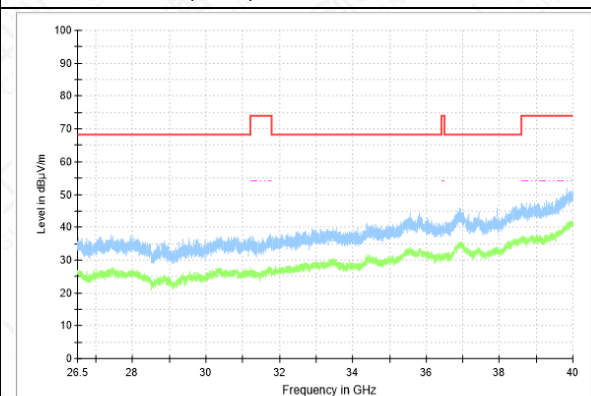
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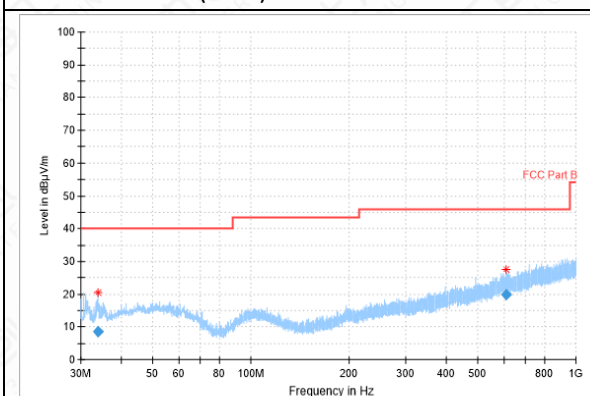
RSE-11N(40M)-CH54-18GHz-26.5GHz



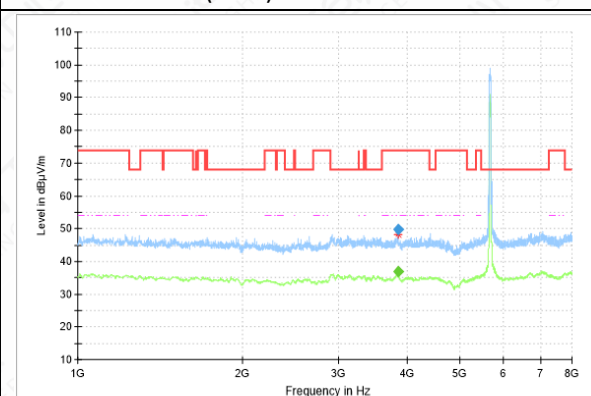
RSE-11N(40M)-CH54-26.5GHz-40GHz



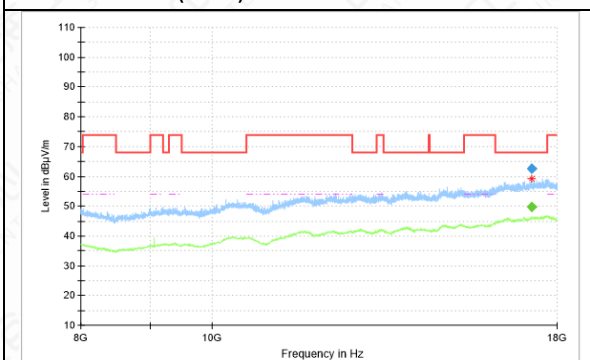
RSE-11N(40M)-CH134-30MHz-1GHz



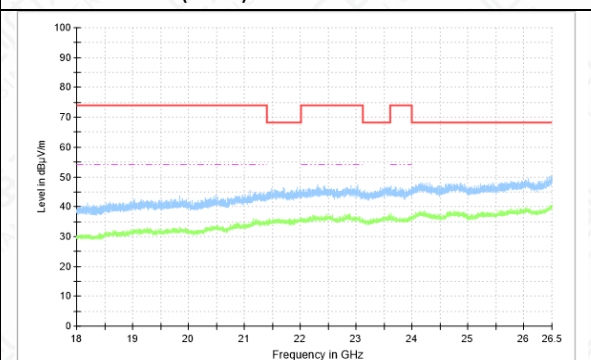
RSE-11N(40M)-CH134-1GHz-8GHz



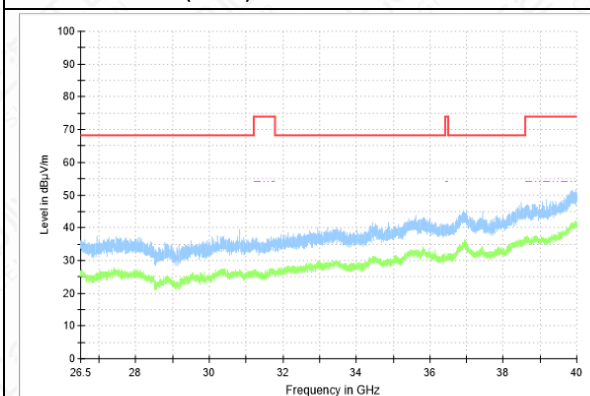
RSE-11N(40M)-CH134-8GHz-18GHz-YLD



RSE-11N(40M)-CH134-18GHz-26.5GHz

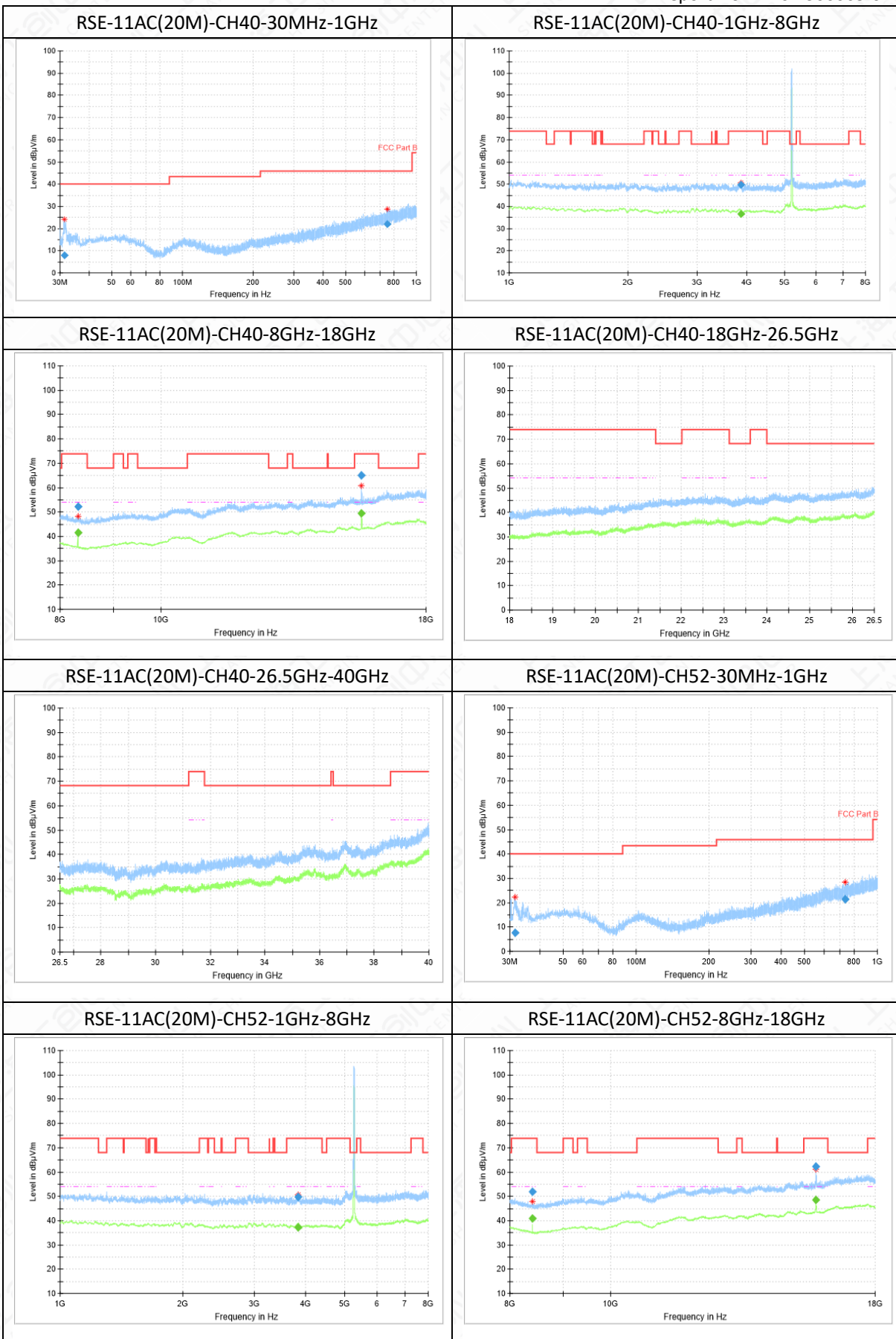


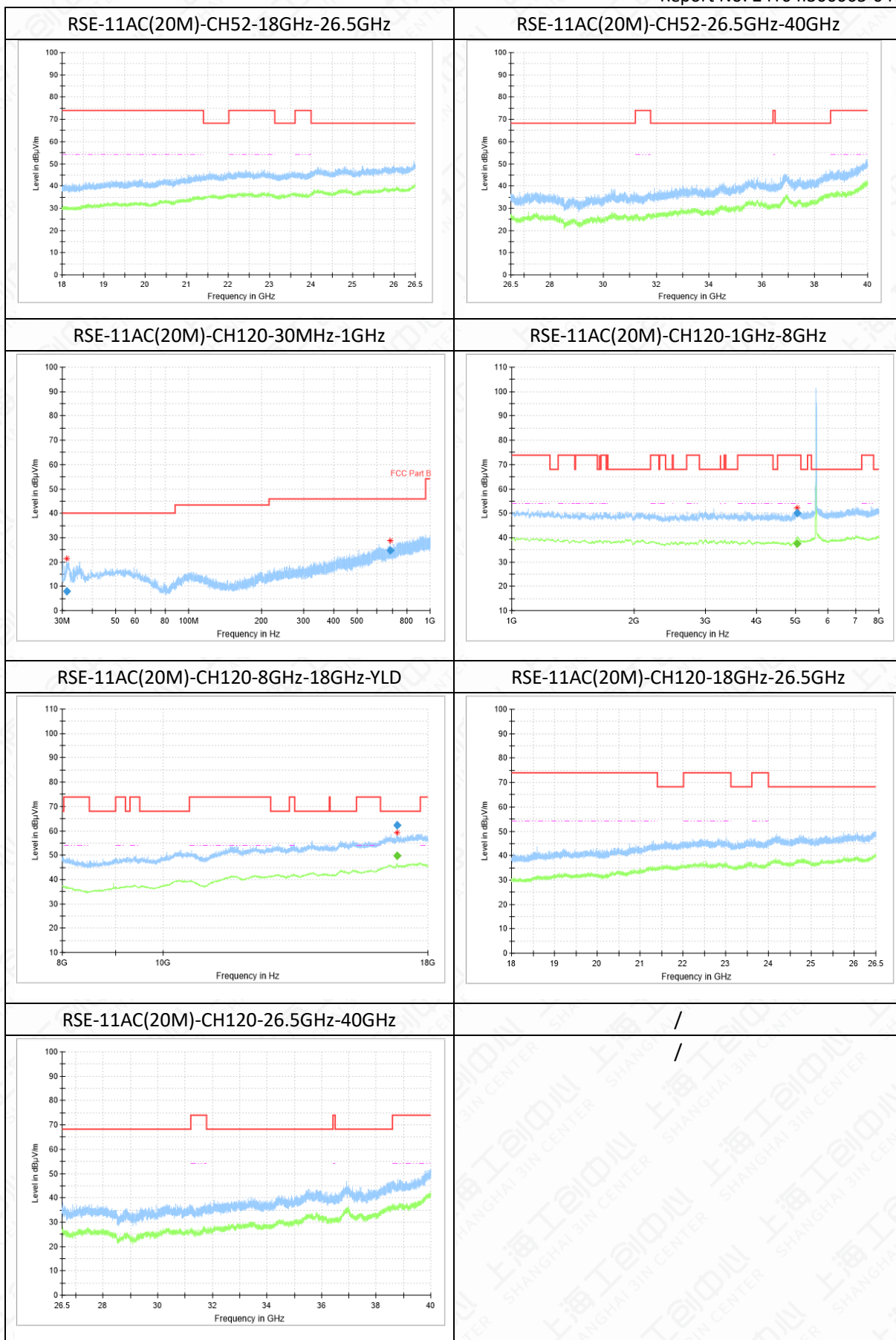
RSE-11N(40M)-CH134-26.5GHz-40GHz

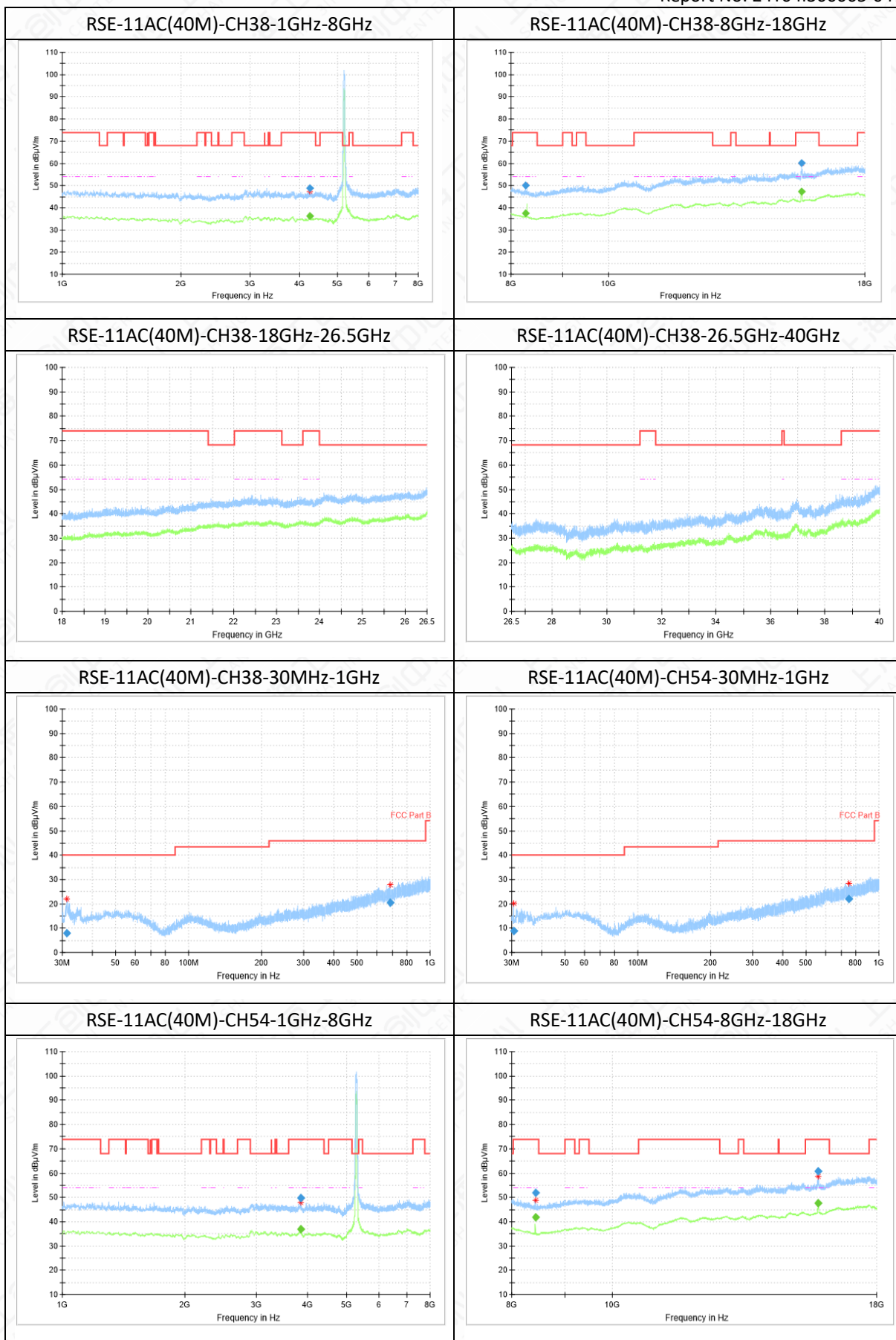


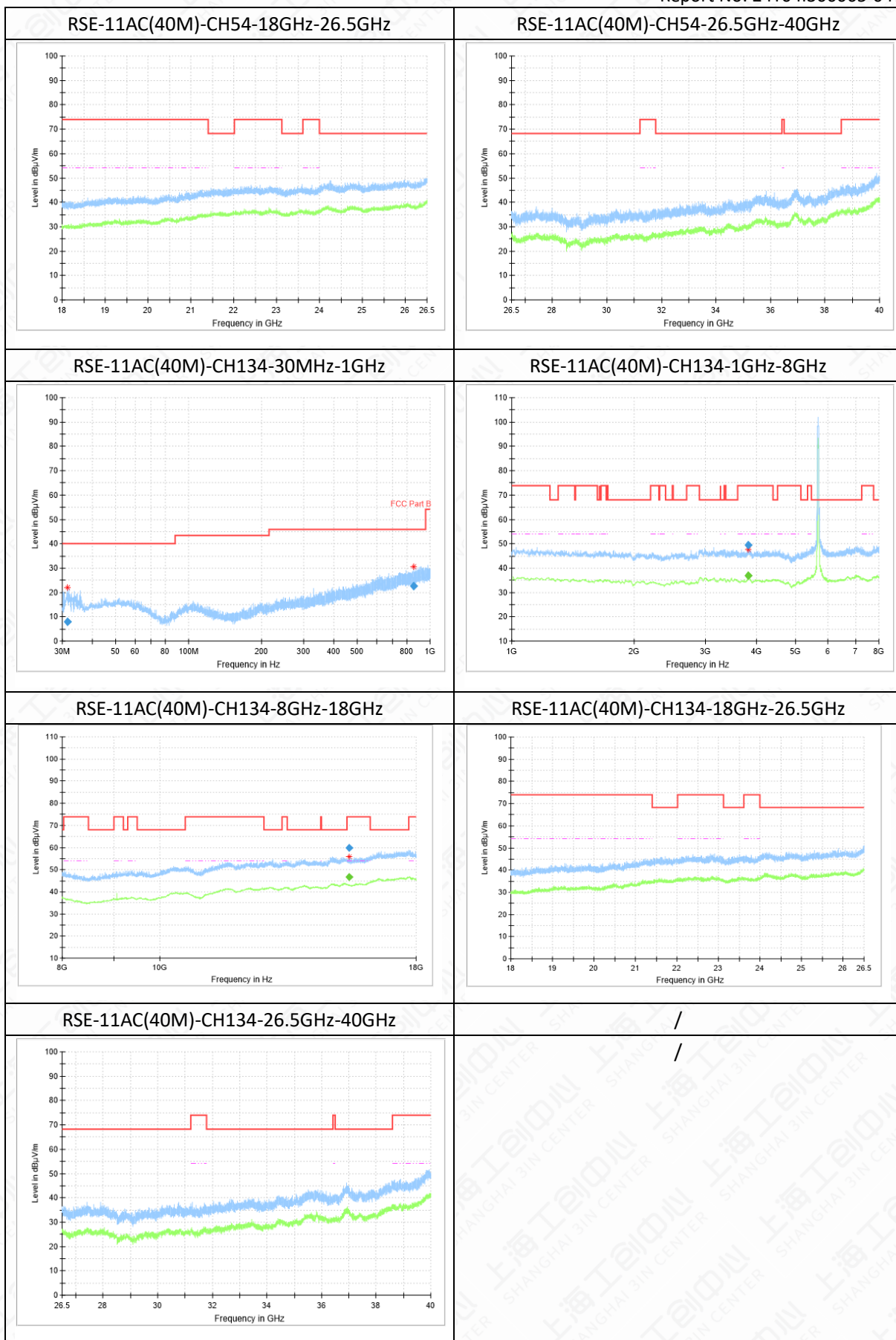
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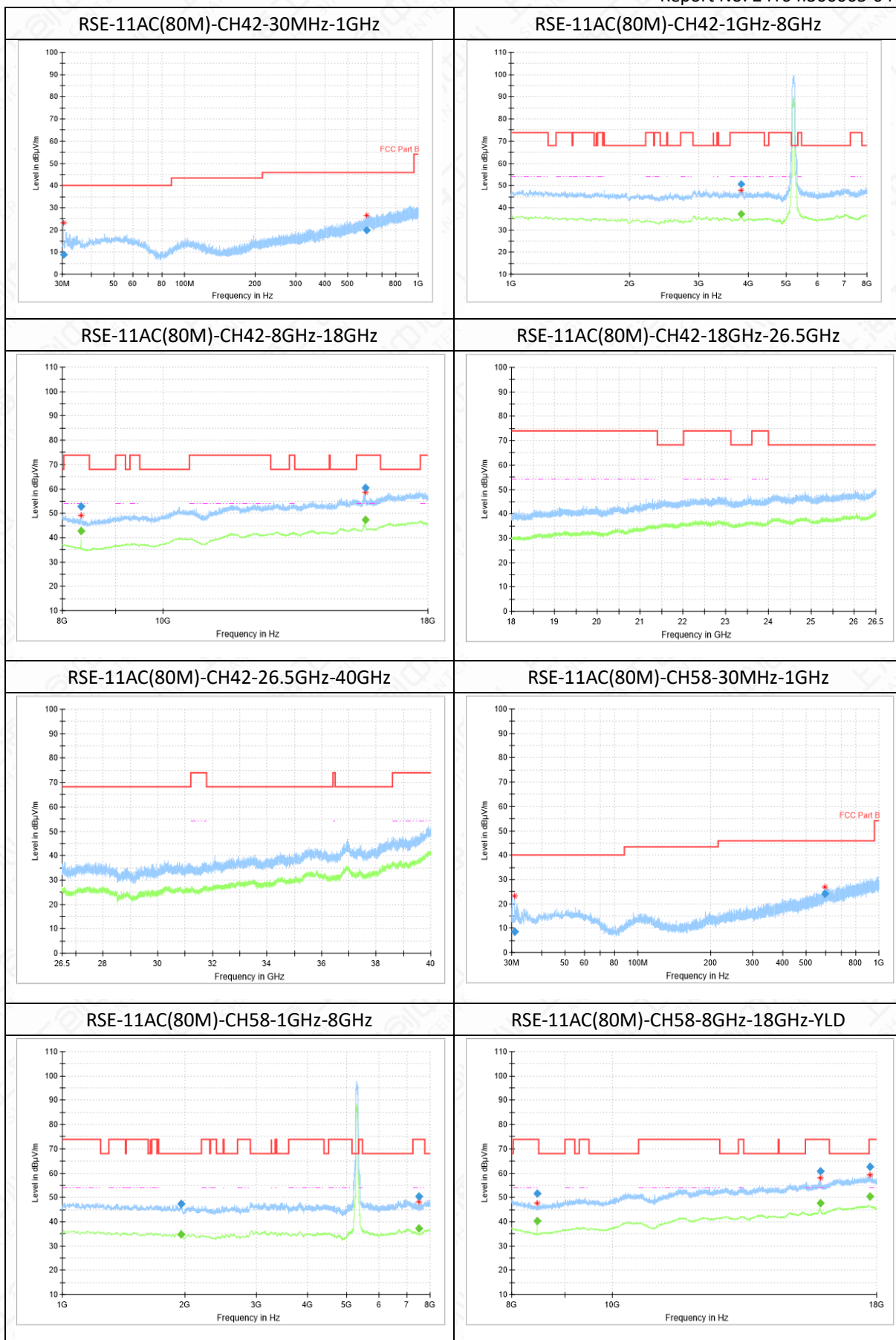
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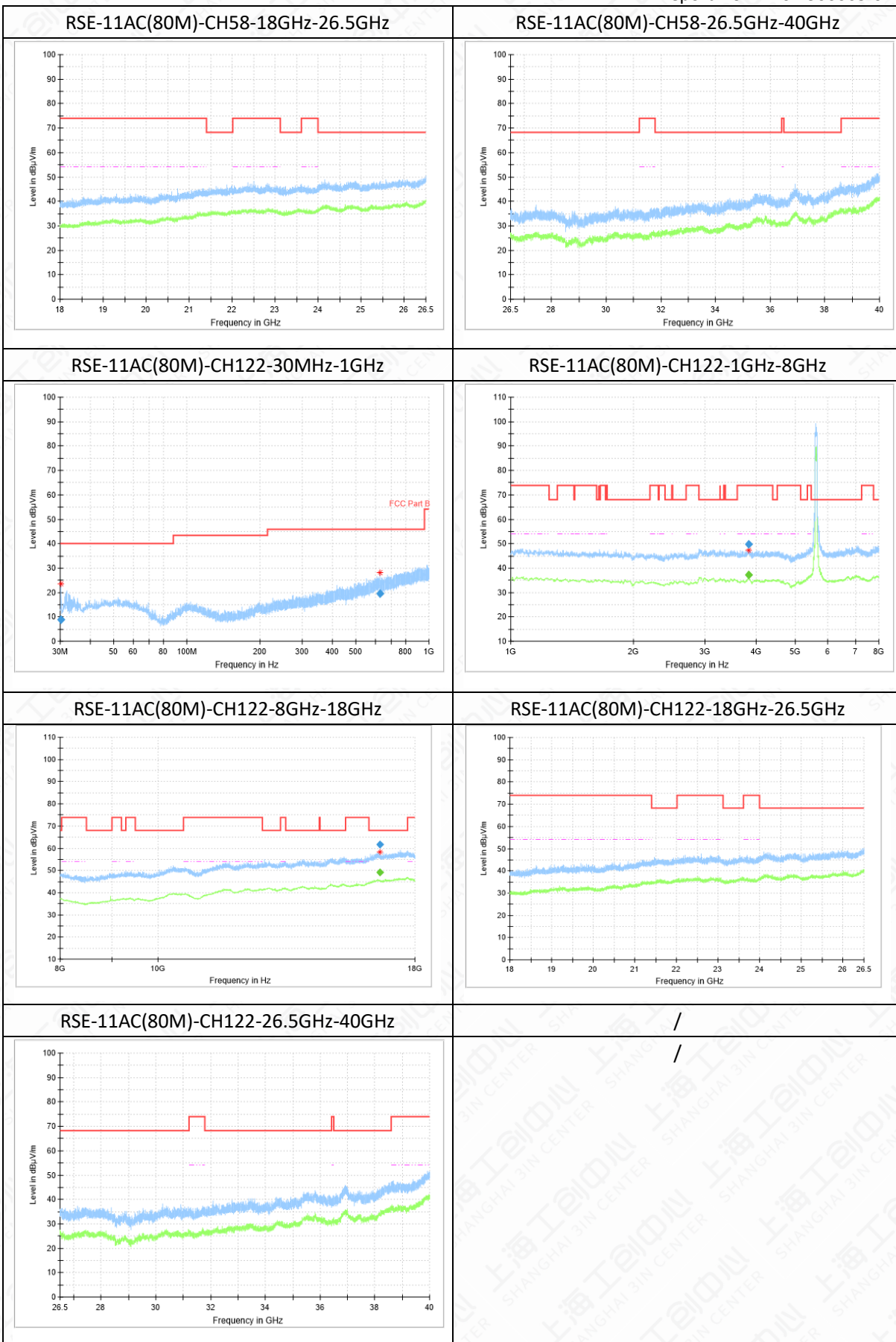




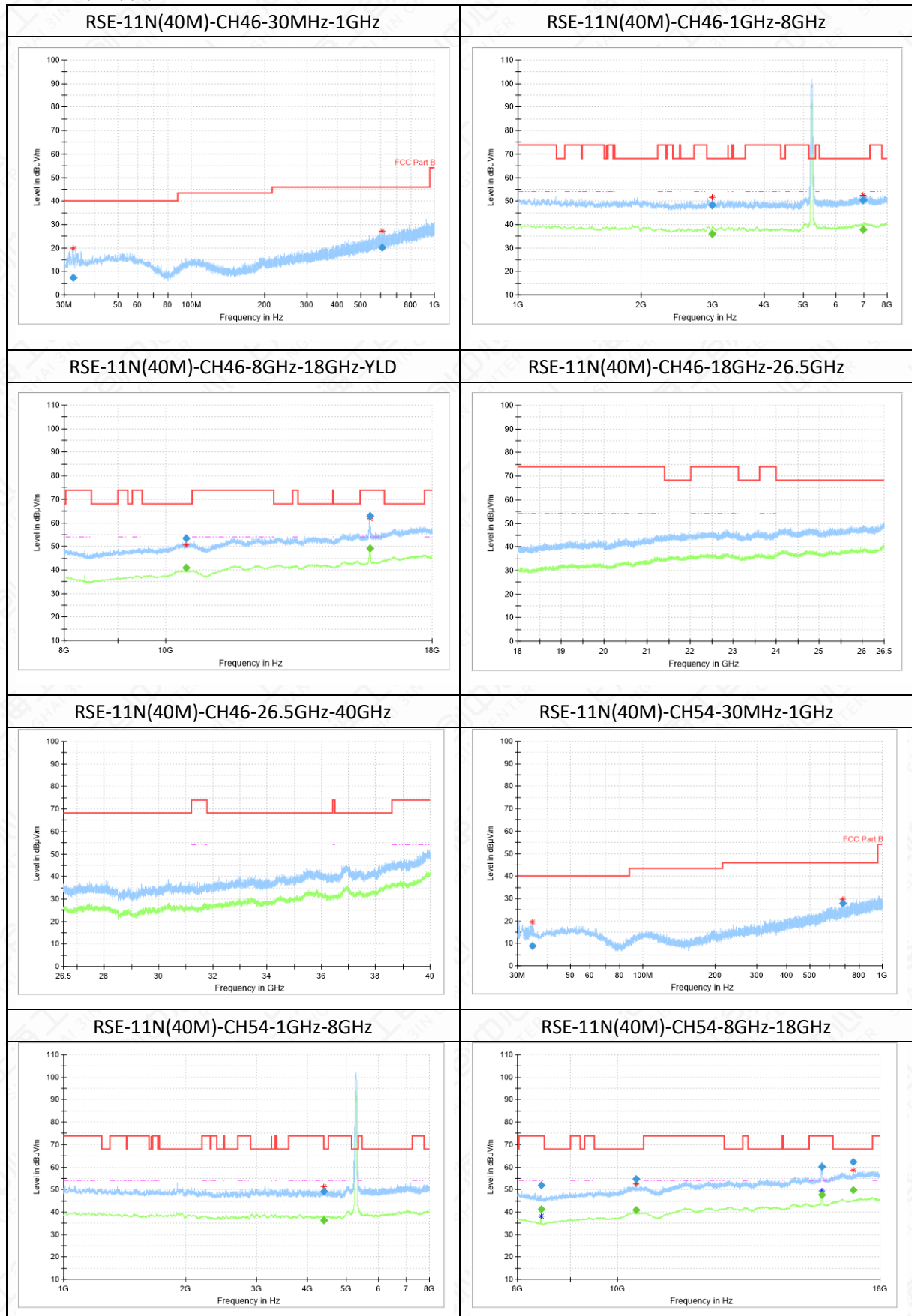




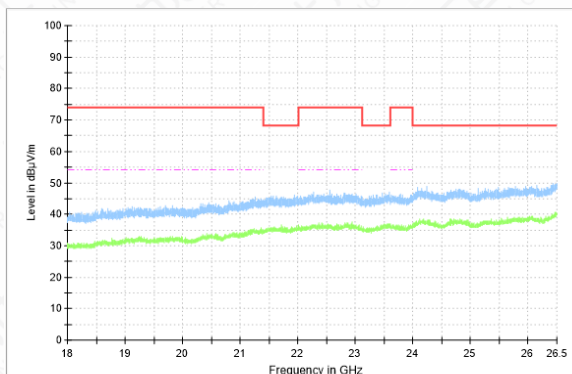




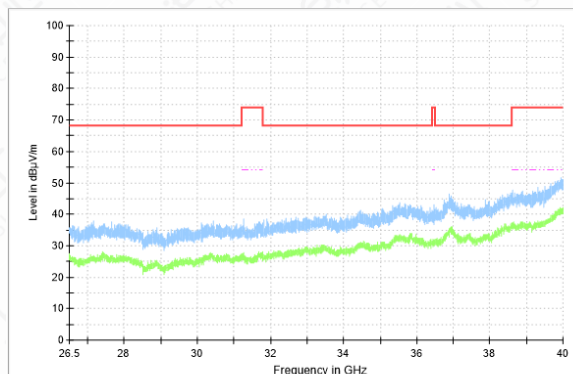
Secondary supply (S12aa)



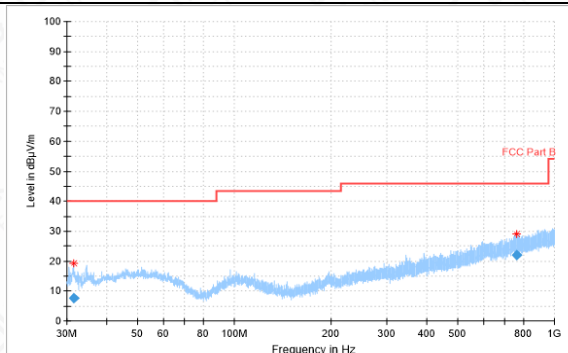
RSE-11N(40M)-CH54-18GHz-26.5GHz



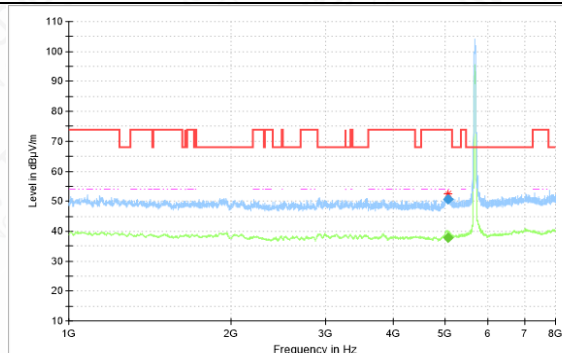
RSE-11N(40M)-CH54-26.5GHz-40GHz



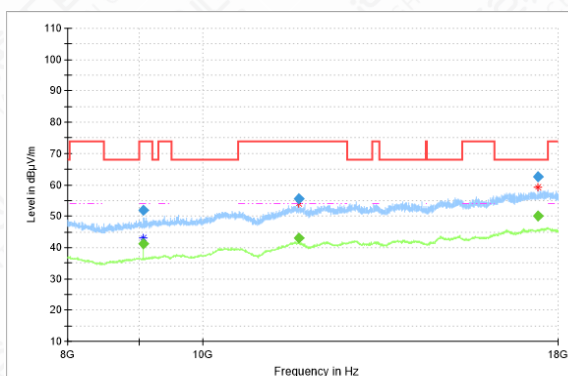
RSE-11N(40M)-CH134-30MHz-1GHz



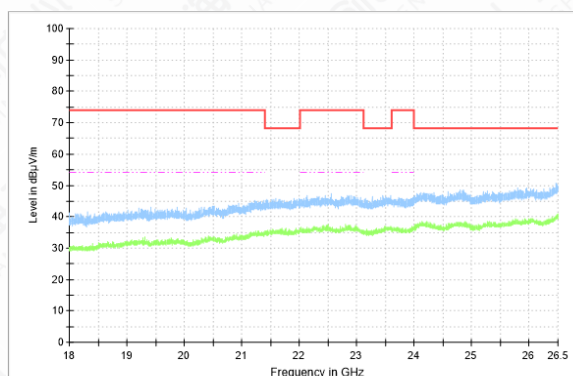
RSE-11N(40M)-CH134-1GHz-8GHz



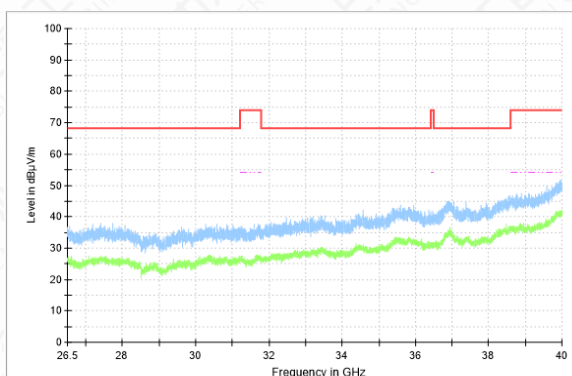
RSE-11N(40M)-CH134-8GHz-18GHz



RSE-11N(40M)-CH134-18GHz-26.5GHz



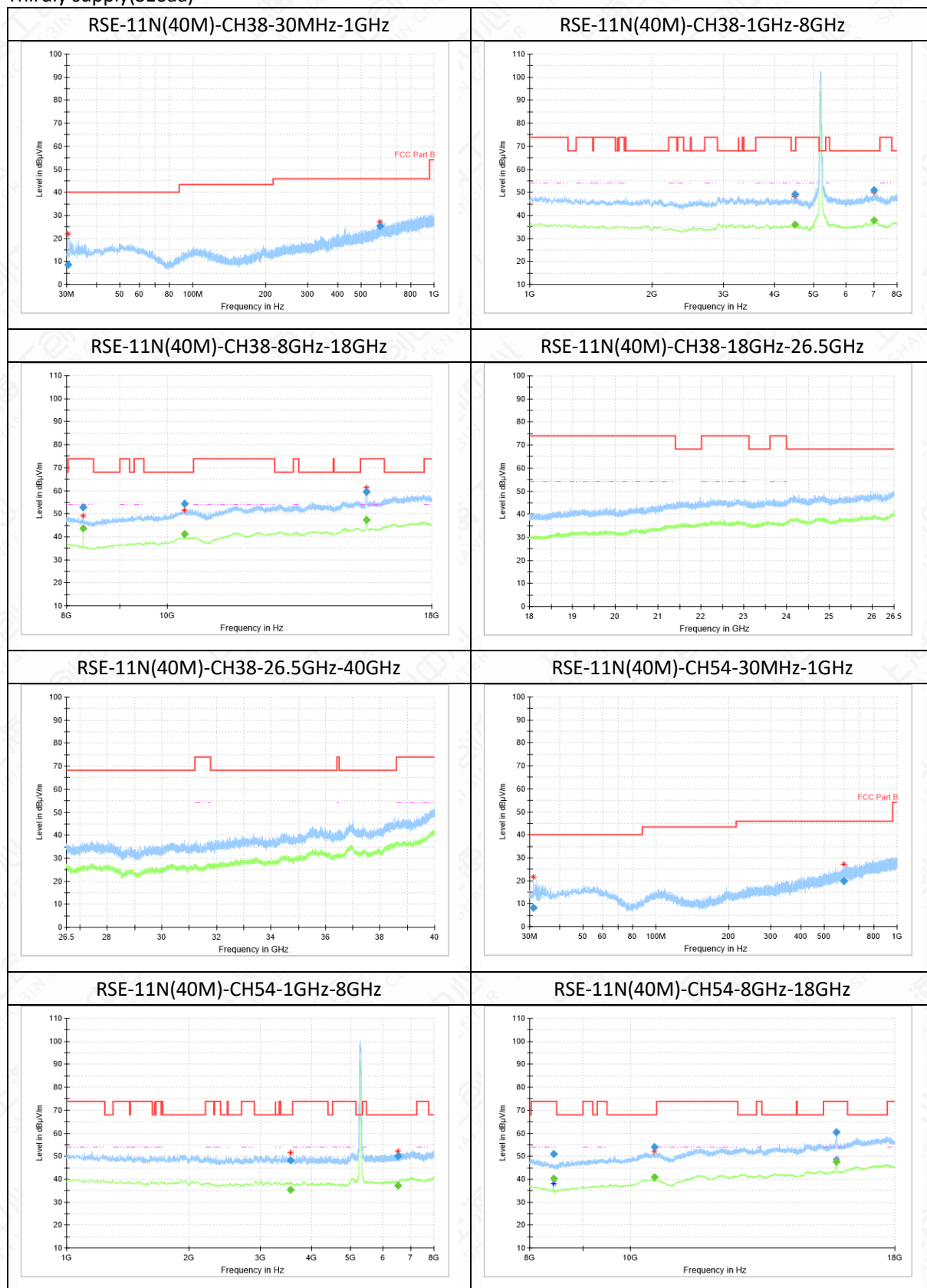
RSE-11N(40M)-CH134-26.5GHz-40GHz

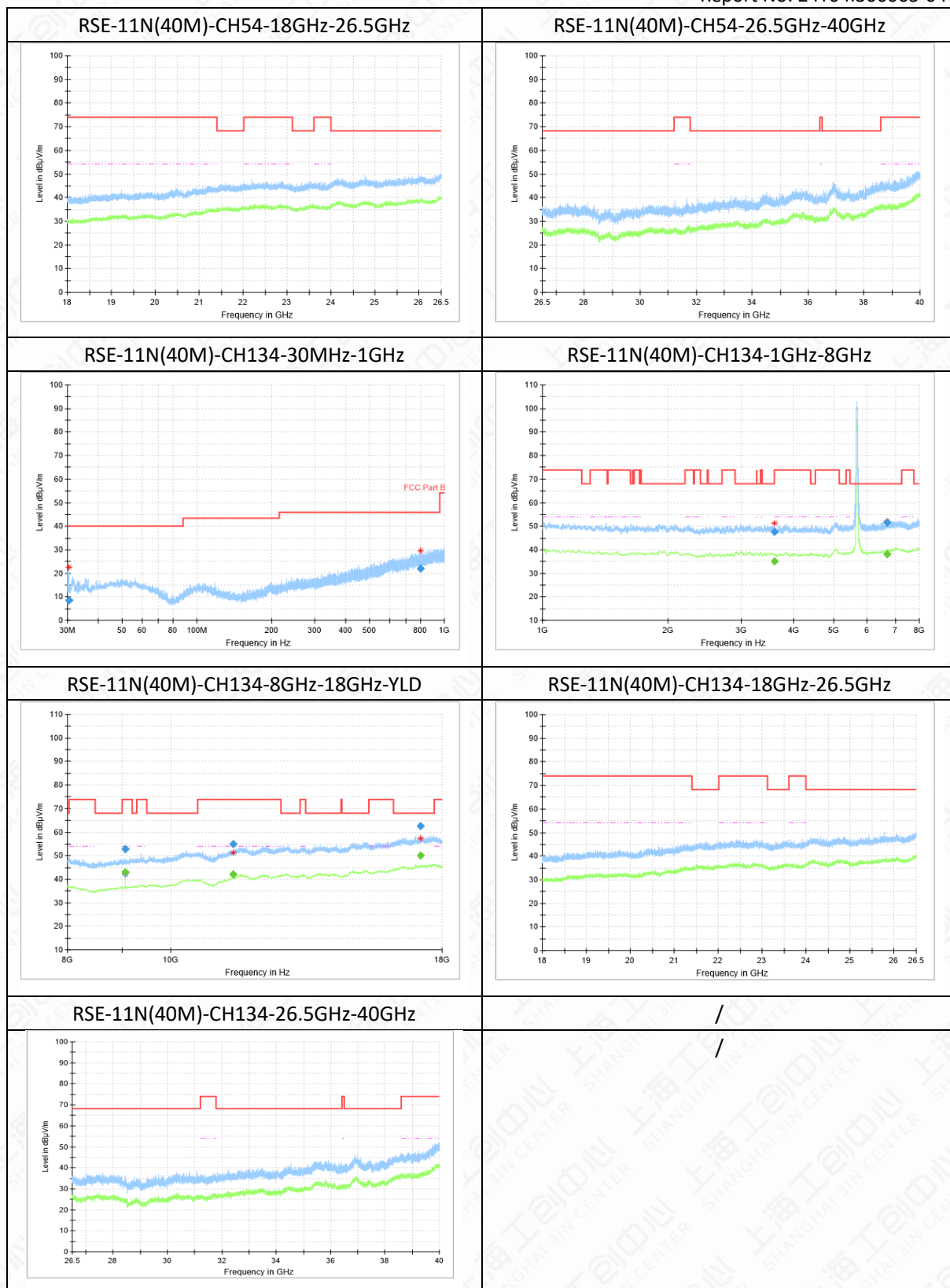


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/

Thirdly supply(S16aa)





Note:

1. The out-of- limit signal in the picture is the main frequency signal.
2. Only data in worst mode is provided.
3. The test data below 30MHz is more than 20dB lower than the limit value, so it is not provided in the report.

Mainly Supply (S10aa)
RSE-11A-CH40-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
33.7	8	-15	23	32.00	40.00	H
774.0	21.97	-1	22.97	24.03	46.00	H

RSE-11A-CH40-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9100.2	51.36	5	46.36	22.64	74.00	H
15392.8	59.46	14	45.46	14.54	74.00	H

RSE-11A-CH40-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9100.2	38.4	5	33.4	15.60	54.00	H
15392.8	46.64	14	32.64	7.36	54.00	H

RSE-11A-CH52-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.2	8.11	-16	24.11	31.89	40.00	H
818.9	22.13	0	22.13	23.87	46.00	H

RSE-11A-CH52-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4162.2	48.51	1	47.51	25.49	74.00	H

RSE-11A-CH52-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4162.2	36.04	1	35.04	17.96	54.00	H

RSE-11A-CH52-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8416.0	52.17	3	49.17	21.83	74.00	V
15778.8	67.31	15	52.31	6.69	74.00	H

RSE-11A-CH52-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8416.0	42.55	3	39.55	11.45	54.00	V
15778.8	52.17	15	37.17	1.83	54.00	H

RSE-11A-CH100-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.0	8.15	-16	24.15	31.85	40.00	H
614.1	19.9	-2	21.9	26.10	46.00	H

RSE-11A-CH100-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5048.6	50.25	5	45.25	23.75	74.00	H

RSE-11A-CH100-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5048.6	37.67	5	32.67	16.33	54.00	H

RSE-11A-CH100-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16409.0	61.23	16	45.23	6.97	68.20	H
17101.0	62.04	17	45.04	6.16	68.20	H
17338.0	62.62	18	44.62	5.58	68.20	V

RSE-11A-CH100-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16409.0	48.49	16	32.49	---	---	H
17101.0	49.64	17	32.64	---	---	H
17338.0	49.99	18	31.99	---	---	V

RSE-11N(20M)-CH36-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.3	8.07	-16	24.07	31.93	40.00	H
745.3	21.83	-1	22.83	24.17	46.00	H

RSE-11N(20M)-CH36-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4536.9	49.94	1	48.94	24.06	74.00	H

RSE-11N(20M)-CH36-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4536.9	35.97	1	34.97	18.03	54.00	H

RSE-11N(20M)-CH36-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8288.0	52.68	4	48.68	21.32	74.00	V
15543.8	68.76	14	54.76	5.24	74.00	H

RSE-11N(20M)-CH36-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8288.0	44.08	4	40.08	9.92	54.00	V
15543.8	52.76	14	38.76	1.24	54.00	H

RSE-11N(20M)-CH52-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.4	7.99	-16	23.99	32.01	40.00	H
608.5	19.86	-2	21.86	26.14	46.00	H

RSE-11N(20M)-CH52-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4263.6	49.2	1	48.2	24.80	74.00	H

RSE-11N(20M)-CH52-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4263.6	36.01	1	35.01	17.99	54.00	H

RSE-11N(20M)-CH52-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
11801.2	56.66	10	46.66	17.34	74.00	V
15784.5	66.24	15	51.24	7.76	74.00	H

RSE-11N(20M)-CH52-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
11801.2	43.11	10	33.11	10.89	54.00	V
15784.5	51.44	15	36.44	2.56	54.00	H

RSE-11N(20M)-CH140-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
32.4	7.29	-16	23.29	32.71	40.00	H
899.8	23.46	1	22.46	22.54	46.00	H

RSE-11N(20M)-CH140-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5067.4	50.99	5	45.99	23.01	74.00	H

RSE-11N(20M)-CH140-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5067.4	37.85	5	32.85	16.15	54.00	H

RSE-11N(20M)-CH140-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
13437.8	56.87	11	45.87	11.33	68.20	H
17093.0	62.77	17	45.77	5.43	68.20	V

RSE-11N(20M)-CH140-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
13437.8	44.5	11	33.5	---	---	H
17093.0	49.71	17	32.71	---	---	V

RSE-11N(40M)-CH38-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.4	7.85	-16	23.85	32.15	40.00	H
610.7	19.97	-2	21.97	26.03	46.00	H

RSE-11N(40M)-CH38-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3819.8	50.04	2	48.04	23.96	74.00	V

RSE-11N(40M)-CH38-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3819.8	36.96	2	34.96	17.04	54.00	V

RSE-11N(40M)-CH38-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8303.8	52.42	4	48.42	21.58	74.00	V
15579.2	60.96	14	46.96	13.04	74.00	V

RSE-11N(40M)-CH38-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8303.8	43.04	4	39.04	10.96	54.00	V
15579.2	47.6	14	33.6	6.40	54.00	V

RSE-11N(40M)-CH54-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.3	7.98	-16	23.98	32.02	40.00	H
610.1	19.96	-2	21.96	26.04	46.00	H

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3800.8	49.16	1	48.16	24.84	74.00	V

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3800.8	36.52	1	35.52	17.48	54.00	V

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	51.75	3	48.75	22.25	74.00	V
15819.5	61.46	15	46.46	12.54	74.00	V

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	41.34	3	38.34	12.66	54.00	V
15819.5	48.2	15	33.2	5.80	54.00	V

RSE-11N(40M)-CH134-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
33.9	8.63	-15	23.63	31.37	40.00	H
611.7	20.02	-2	22.02	25.98	46.00	H

RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3846.9	49.7	2	47.7	24.30	74.00	V

RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3846.9	37.02	2	35.02	16.98	54.00	V

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
17225.2	62.69	18	44.69	5.51	68.20	H

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
17225.2	49.89	18	31.89	---	---	H

RSE-11AC(20M)-CH40-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.3	8.03	-16	24.03	31.97	40.00	H
748.2	21.94	0	21.94	24.06	46.00	H

RSE-11AC(20M)-CH40-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3869.6	49.67	2	47.67	24.33	74.00	H

RSE-11AC(20M)-CH40-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3869.6	36.71	2	34.71	17.29	54.00	H

RSE-11AC(20M)-CH40-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8320.0	52.22	4	48.22	21.78	74.00	V

15597.8	64.99	14	50.99	9.01	74.00	V
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RSE-11AC(20M)-CH40-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8320.0	41.5	4	37.5	12.50	54.00	V
15597.8	49.48	14	35.48	4.52	54.00	V

RSE-11AC(20M)-CH52-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.5	7.7	-16	23.7	32.30	40.00	H
734.9	21.49	-1	22.49	24.51	46.00	H

RSE-11AC(20M)-CH52-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3829.9	49.74	2	47.74	24.26	74.00	H

RSE-11AC(20M)-CH52-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3829.9	37.32	2	35.32	16.68	54.00	H

RSE-11AC(20M)-CH52-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8416.0	51.99	3	48.99	22.01	74.00	H
15781.0	62.25	15	47.25	11.75	74.00	H

RSE-11AC(20M)-CH52-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8416.0	40.76	3	37.76	13.24	54.00	H
15781.0	48.55	15	33.55	5.45	54.00	H

RSE-11AC(20M)-CH120-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.3	7.88	-16	23.88	32.12	40.00	H
684.0	24.69	-2	26.69	21.31	46.00	H

RSE-11AC(20M)-CH120-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5024.9	49.97	5	44.97	24.03	74.00	H

RSE-11AC(20M)-CH120-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5024.9	37.59	5	32.59	16.41	54.00	H

RSE-11AC(20M)-CH120-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16796.2	62.4	17	45.4	5.80	68.20	V

RSE-11AC(20M)-CH120-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16796.2	49.62	17	32.62	---	---	V

RSE-11AC(40M)-CH38-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4248.0	48.73	1	47.73	25.27	74.00	H

RSE-11AC(40M)-CH38-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4248.0	36.17	1	35.17	17.83	54.00	H

RSE-11AC(40M)-CH38-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8270.8	50.21	4	46.21	23.79	74.00	H
15563.8	60.09	14	46.09	13.91	74.00	V

RSE-11AC(40M)-CH38-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8270.8	37.49	4	33.49	16.51	54.00	H
15563.8	47.31	14	33.31	6.69	54.00	V

RSE-11AC(40M)-CH38-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.3	8.07	-16	24.07	31.93	40.00	H

683.1	20.36	-2	22.36	25.64	46.00	H
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RSE-11AC(40M)-CH54-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.6	8.78	-15	23.78	31.22	40.00	H
750.5	22.13	0	22.13	23.87	46.00	H

RSE-11AC(40M)-CH54-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3854.6	49.81	2	47.81	24.19	74.00	H

RSE-11AC(40M)-CH54-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3854.6	36.95	2	34.95	17.05	54.00	H

RSE-11AC(40M)-CH54-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	51.82	3	48.82	22.18	74.00	H
15815.8	60.65	15	45.65	13.35	74.00	V

RSE-11AC(40M)-CH54-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	41.8	3	38.8	12.20	54.00	H
15815.8	47.71	15	32.71	6.29	54.00	V

RSE-11AC(40M)-CH134-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.5	7.82	-16	23.82	32.18	40.00	H
853.7	22.69	0	22.69	23.31	46.00	H

RSE-11AC(40M)-CH134-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3814.0	49.49	2	47.49	24.51	74.00	H

RSE-11AC(40M)-CH134-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3814.0	36.89	2	34.89	17.11	54.00	H

RSE-11AC(40M)-CH134-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
15440.5	59.75	14	45.75	14.25	74.00	H

RSE-11AC(40M)-CH134-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
15440.5	46.56	14	32.56	7.44	54.00	H

RSE-11AC(80M)-CH42-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.4	8.91	-15	23.91	31.09	40.00	H
600.1	19.94	-2	21.94	26.06	46.00	H

RSE-11AC(80M)-CH42-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3829.2	50.67	2	48.67	23.33	74.00	V

RSE-11AC(80M)-CH42-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3829.2	37.14	2	35.14	16.86	54.00	V

RSE-11AC(80M)-CH42-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8335.8	52.82	4	48.82	21.18	74.00	V
15663.2	60.45	15	45.45	13.55	74.00	V

RSE-11AC(80M)-CH42-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8335.8	42.58	4	38.58	11.42	54.00	V
15663.2	47.26	15	32.26	6.74	54.00	V

RSE-11AC(80M)-CH58-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.8	8.53	-16	24.53	31.47	40.00	H
598.5	24.28	-2	26.28	21.72	46.00	H

RSE-11AC(80M)-CH58-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
1958.6	47.39	3	44.39	20.81	68.20	H
7496.9	50.27	3	47.27	23.73	74.00	H

RSE-11AC(80M)-CH58-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
1958.6	34.88	3	31.88	---	---	H
7496.9	37.15	3	34.15	16.85	54.00	H

RSE-11AC(80M)-CH58-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8464.2	51.69	3	48.69	22.31	74.00	H
15872.2	60.83	15	45.83	13.17	74.00	V
17736.0	62.61	18	44.61	11.39	74.00	H

RSE-11AC(80M)-CH58-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8464.2	40.36	3	37.36	13.64	54.00	H
15872.2	47.75	15	32.75	6.25	54.00	V
17736.0	50.48	18	32.48	3.52	54.00	H

RSE-11AC(80M)-CH122-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.3	8.94	-15	23.94	31.06	40.00	H
626.5	19.64	-2	21.64	26.36	46.00	H

RSE-11AC(80M)-CH122-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3835.1	49.77	2	47.77	24.23	74.00	V

RSE-11AC(80M)-CH122-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3835.1	37.14	2	35.14	16.86	54.00	V

RSE-11AC(80M)-CH122-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16606.0	61.78	17	44.78	6.42	68.20	H

RSE-11AC(80M)-CH122-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
16606.0	49.01	17	32.01	---	---	H

Secondary supply (S12aa)
RSE-11N(40M)-CH46-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
32.6	7.31	-16	23.31	32.69	40.00	H
611.7	20.03	-2	22.03	25.97	46.00	H

RSE-11N(40M)-CH46-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
2985.8	48.26	2	46.26	19.94	68.20	H
6970.9	50.35	4	46.35	17.85	68.20	H

RSE-11N(40M)-CH46-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
2985.8	36.06	2	34.06	---	---	H
6970.9	37.69	4	33.69	---	---	H

RSE-11N(40M)-CH46-8GHz-18GHz-YLD

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
10457.8	53.39	8	45.39	14.81	68.20	H
15686.8	63.03	15	48.03	10.97	74.00	H

RSE-11N(40M)-CH46-8GHz-18GHz-YLD

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
10457.8	40.82	8	32.82	---	---	H
15686.8	49.25	15	34.25	4.75	54.00	H

RSE-11N(40M)-CH54-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
34.7	8.81	-15	23.81	31.19	40.00	H
684.0	27.69	-2	29.69	18.31	46.00	H

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4389.8	49.26	1	48.26	24.74	74.00	H

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4389.8	36.41	1	35.41	17.59	54.00	H

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	51.83	3	48.83	22.17	74.00	H
10427.5	54.67	8	46.67	13.53	68.20	H
15802.0	60.29	15	45.29	13.71	74.00	H
16945.8	62.15	17	45.15	6.05	68.20	V

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8431.8	41.09	3	38.09	12.91	54.00	H
10427.5	40.95	8	32.95	---	---	H
15802.0	47.73	15	32.73	6.27	54.00	H
16945.8	49.75	17	32.75	---	---	V

RSE-11N(40M)-CH134-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.5	7.76	-16	23.76	32.24	40.00	H
758.8	21.98	0	21.98	24.02	46.00	H

RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5057.0	50.79	5	45.79	23.21	74.00	V

RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5057.0	37.72	5	32.72	16.28	54.00	V

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9071.8	52.04	5	47.04	21.96	74.00	V
11725.8	55.57	10	45.57	18.43	74.00	H
17419.5	62.66	18	44.66	5.54	68.20	H

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9071.8	41.31	5	36.31	12.69	54.00	V
11725.8	43.16	10	33.16	10.84	54.00	H
17419.5	50.13	18	32.13	---	---	H

RSE-11N(40M)-CH159-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
32.6	7.33	-16	23.33	32.67	40.00	H
598.5	25.2	-2	27.2	20.80	46.00	H

RSE-11N(40M)-CH159-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5048.6	50.6	5	45.6	23.40	74.00	V

RSE-11N(40M)-CH159-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
5048.6	37.72	5	32.72	16.28	54.00	V

RSE-11N(40M)-CH159-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9271.8	52.43	5	47.43	15.77	68.20	V
11606.0	55.42	10	45.42	18.58	74.00	H
17673.0	63.24	18	45.24	4.96	68.20	H

RSE-11N(40M)-CH159-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9271.8	41.62	5	36.62	---	---	V
11606.0	42.86	10	32.86	11.14	54.00	H
17673.0	50.54	18	32.54	---	---	H

Thirdly supply(S16aa)
RSE-11N(40M)-CH38-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.4	8.57	-15	23.57	31.43	40.00	H
598.5	25.35	-2	27.35	20.65	46.00	H

RSE-11N(40M)-CH38-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4496.0	49.02	1	48.02	19.18	68.20	H
7000.2	51.1	4	47.1	17.10	68.20	V

RSE-11N(40M)-CH38-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
4496.0	36.07	1	35.07	---	---	H
7000.2	37.93	4	33.93	---	---	V

RSE-11N(40M)-CH38-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8303.8	52.77	4	48.77	21.23	74.00	V
10388.2	54.35	8	46.35	13.85	68.20	H
15579.2	59.63	14	45.63	14.37	74.00	V

RSE-11N(40M)-CH38-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8303.8	43.49	4	39.49	10.51	54.00	V
10388.2	41.26	8	33.26	---	---	H
15579.2	47.32	14	33.32	6.68	54.00	V

RSE-11N(40M)-CH54-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
31.0	8.21	-16	24.21	31.79	40.00	H
599.7	19.86	-2	21.86	26.14	46.00	H

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3554.5	48.29	1	47.29	19.91	68.20	H
6510.6	50.1	3	47.1	18.10	68.20	H

RSE-11N(40M)-CH54-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3554.5	35.34	1	34.34	---	---	H
6510.6	37.14	3	34.14	---	---	H

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8432.2	51.01	3	48.01	22.99	74.00	H
10552.2	54.09	8	46.09	14.11	68.20	H
15807.8	60.58	15	45.58	13.42	74.00	H

RSE-11N(40M)-CH54-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
8432.2	40.28	3	37.28	13.72	54.00	H
10552.2	40.8	8	32.8	---	---	H
15807.8	47.64	15	32.64	6.36	54.00	H

RSE-11N(40M)-CH134-30MHz-1GHz

Frequency (MHz)	QuasiPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
30.4	8.57	-15	23.57	31.43	40.00	H
801.1	21.94	0	21.94	24.06	46.00	H

RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3595.8	47.76	1	46.76	20.44	68.20	V

6689.6	51.74	4	47.74	16.46	68.20	V
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RSE-11N(40M)-CH134-1GHz-8GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
3595.8	35.02	1	34.02	---	---	V
6689.6	38.2	4	34.2	---	---	V

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	MaxPeak(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9071.8	52.89	5	47.89	21.11	74.00	V
11450.5	54.89	9	45.89	19.11	74.00	H
17179.2	62.74	18	44.74	5.46	68.20	V

RSE-11N(40M)-CH134-8GHz-18GHz

Frequency (MHz)	Average(dBμV/m)	ARpl (dB)	PMea (dBμV/m)	Margin(dB)	Limit(dBμV/m)	Polarity
9071.8	43.16	5	38.16	10.84	54.00	V
11450.5	42.09	9	33.09	11.91	54.00	H
17179.2	49.96	18	31.96	---	---	V

6.8. Frequency Stability

Manufacturers ensured the EUT meet the requirement of frequency stability, such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.(According to 15.407(g) and RSS-Gen 8.11)

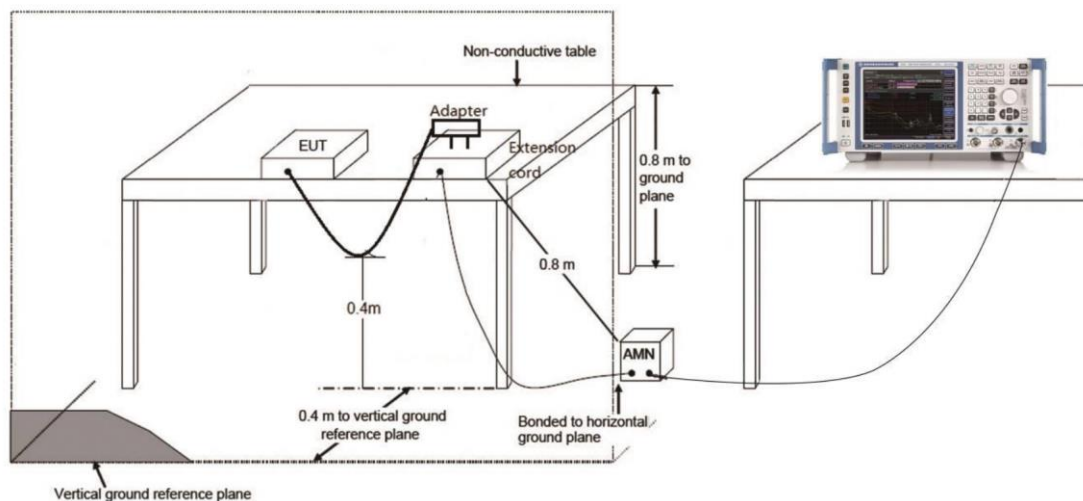
6.9. AC Powerline Conducted Emission

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

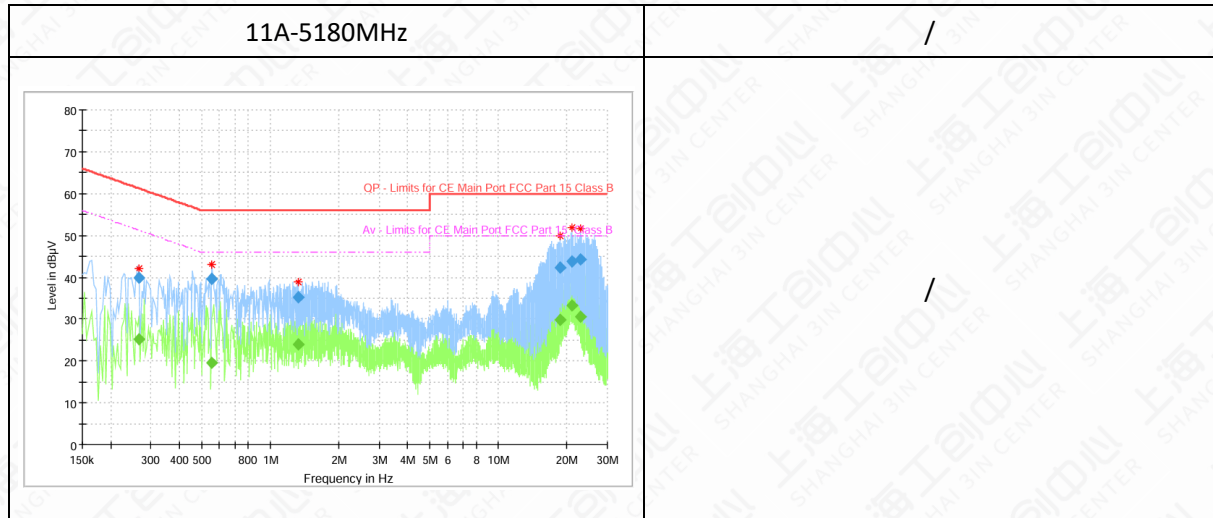
6.9.4. Measurement limit

(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)
0.265669	---	25.31	51.25	25.94	15000.0	9.000	L1	ON	9.6
0.265669	39.78	---	61.25	21.47	15000.0	9.000	L1	ON	9.6
0.552975	39.69	---	56.00	16.31	15000.0	9.000	N	ON	9.6
0.552975	---	19.69	46.00	26.31	15000.0	9.000	N	ON	9.6
1.321613	35.35	---	56.00	20.65	15000.0	9.000	L1	ON	9.6
1.321613	---	24.04	46.00	21.96	15000.0	9.000	L1	ON	9.6
18.589838	---	29.87	50.00	20.13	15000.0	9.000	N	ON	10.0
18.589838	42.35	---	60.00	17.65	15000.0	9.000	N	ON	10.0
21.007688	---	33.32	50.00	16.68	15000.0	9.000	N	ON	10.0
21.007688	43.69	---	60.00	16.31	15000.0	9.000	N	ON	10.0
22.996444	---	30.63	50.00	19.37	15000.0	9.000	N	ON	10.0
22.996444	44.20	---	60.00	15.80	15000.0	9.000	N	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
V0	Initial

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