

17261.750000	55.43	---	68.20	12.77	500.0	1000.000	100.0	V	193.0
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RSE-11AC(40M)-CH38-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.733923	11.49	40.00	28.51	1000.0	120.000	99.0	V	200.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
5647.500000	46.89	---	68.20	21.31	500.0	1000.000	100.0	H	42.0
5647.500000	---	34.52	---	---	500.0	1000.000	100.0	H	42.0
7085.250000	47.61	---	68.20	20.59	500.0	1000.000	100.0	H	1.0
7085.250000	---	34.82	---	---	500.0	1000.000	100.0	H	1.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8303.750000	48.80	---	74.00	25.20	500.0	1000.000	100.0	H	319.0
8303.750000	---	39.89	54.00	14.11	500.0	1000.000	100.0	H	319.0
15560.750000	56.35	---	74.00	17.65	500.0	1000.000	100.0	H	216.0
15560.750000	---	42.57	54.00	11.43	500.0	1000.000	100.0	H	216.0

RSE-11AC(40M)-CH62-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.922088	13.86	40.00	26.14	1000.0	120.000	104.0	V	201.0

RSE-11AC(40M)-CH62-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4991.750000	45.23	---	74.00	28.77	500.0	1000.000	100.0	H	356.0
4991.750000	---	31.86	54.00	22.14	500.0	1000.000	100.0	H	356.0
7426.000000	46.95	---	74.00	27.05	500.0	1000.000	100.0	H	201.0
7426.000000	---	34.22	54.00	19.78	500.0	1000.000	100.0	H	201.0

RSE-11AC(40M)-CH62-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8495.750000	48.51	---	74.00	25.49	500.0	1000.000	100.0	V	43.0
8495.750000	---	39.67	54.00	14.33	500.0	1000.000	100.0	V	43.0
15932.250000	55.19	---	74.00	18.81	500.0	1000.000	100.0	H	183.0
15932.250000	---	42.05	54.00	11.95	500.0	1000.000	100.0	H	183.0

RSE-11AC(40M)-CH134-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.985493	12.09	40.00	27.91	1000.0	120.000	99.0	V	180.0
35.497176	16.93	40.00	23.07	1000.0	120.000	100.0	V	21.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6114.375000	46.33	---	68.20	21.87	500.0	1000.000	100.0	V	132.0
6114.375000	---	33.32	---	---	500.0	1000.000	100.0	V	132.0
7002.375000	46.67	---	68.20	21.53	500.0	1000.000	100.0	H	307.0
7002.375000	---	34.35	---	---	500.0	1000.000	100.0	H	307.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
9071.750000	51.95	---	74.00	22.05	500.0	1000.000	100.0	H	207.0
9071.750000	---	44.93	54.00	9.07	500.0	1000.000	100.0	H	207.0
16520.500000	54.62	---	68.20	13.58	500.0	1000.000	100.0	H	84.0
16520.500000	---	41.87	---	---	500.0	1000.000	100.0	H	84.0

RSE-11AC(80M)-CH42-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.732165	10.87	40.00	29.13	1000.0	120.000	105.0	V	200.0
36.580651	15.11	40.00	24.89	1000.0	120.000	99.0	V	53.0
48.497296	20.96	40.00	19.04	1000.0	120.000	125.0	V	51.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6049.500000	---	33.33	---	---	500.0	1000.000	100.0	H	339.0
6049.500000	46.91	---	68.20	21.29	500.0	1000.000	100.0	H	339.0
7093.875000	---	34.51	---	---	500.0	1000.000	100.0	V	0.0
7093.875000	47.05	---	68.20	21.15	500.0	1000.000	100.0	V	0.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
11770.000000	---	38.93	54.00	15.07	500.0	1000.000	100.0	H	106.0
11770.000000	51.60	---	74.00	22.40	500.0	1000.000	100.0	H	106.0
15663.500000	---	42.37	54.00	11.63	500.0	1000.000	100.0	H	249.0
15663.500000	57.29	---	74.00	16.71	500.0	1000.000	100.0	H	249.0

RSE-11AC(80M)-CH58-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
35.798837	16.22	40.00	23.78	1000.0	120.000	100.0	V	66.0

47.581005	21.53	40.00	18.47	1000.0	120.000	125.0	V	64.0
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RSE-11AC(80M)-CH58-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6018.125000	45.25	---	68.20	22.95	500.0	1000.000	100.0	V	41.0
6018.125000	---	32.67	---	---	500.0	1000.000	100.0	V	41.0
6961.250000	47.45	---	68.20	20.75	500.0	1000.000	100.0	H	280.0
6961.250000	---	33.85	---	---	500.0	1000.000	100.0	H	280.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8463.750000	47.98	---	74.00	26.02	500.0	1000.000	100.0	V	249.0
8463.750000	---	37.39	54.00	16.61	500.0	1000.000	100.0	V	249.0
15903.750000	58.15	---	74.00	15.85	500.0	1000.000	100.0	H	152.0
15903.750000	---	42.74	54.00	11.26	500.0	1000.000	100.0	H	152.0

RSE-11AC(80M)-CH122-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
35.268720	22.29	40.00	17.71	1000.0	120.000	100.0	V	52.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
5036.250000	---	32.10	54.00	21.90	500.0	1000.000	100.0	H	275.0
5036.250000	44.54	---	74.00	29.46	500.0	1000.000	100.0	H	275.0
6994.250000	---	34.24	---	---	500.0	1000.000	100.0	H	338.0
6994.250000	47.26	---	68.20	20.94	500.0	1000.000	100.0	H	338.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8976.000000	53.50	---	68.20	14.70	500.0	1000.000	100.0	H	208.0
8976.000000	---	47.46	---	---	500.0	1000.000	100.0	H	208.0
17681.000000	56.16	---	68.20	12.04	500.0	1000.000	100.0	H	24.0
17681.000000	---	43.23	---	---	500.0	1000.000	100.0	H	24.0

RSE-11N-CH48-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.720952	23.25	40.00	16.75	1000.0	120.000	104.0	V	241.0

RSE-11N-CH48-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6016.250000	45.71	---	68.20	22.49	500.0	1000.000	100.0	V	0.0
6016.250000	---	32.75	---	---	500.0	1000.000	100.0	V	0.0
7074.125000	47.74	---	68.20	20.46	500.0	1000.000	100.0	H	62.0

7074.125000	---	34.78	---	---	500.0	1000.000	100.0	H	62.0
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RSE-11N-CH48-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol
15722.250000	68.45	---	74.00	5.55	500.0	1000.000	100.0	H
15722.250000	---	50.83	54.00	3.17	500.0	1000.000	100.0	H

RSE-11N-CH52-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.401507	18.61	40.00	21.39	1000.0	120.000	100.0	V	180.0
35.572747	20.26	40.00	19.74	1000.0	120.000	100.0	V	66.0

RSE-11N-CH52-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6225.375000	---	33.52	---	---	500.0	1000.000	100.0	H	226.0
6225.375000	46.23	---	68.20	21.97	500.0	1000.000	100.0	H	226.0
7423.375000	---	33.96	54.00	20.04	500.0	1000.000	100.0	V	44.0
7423.375000	46.37	---	74.00	27.63	500.0	1000.000	100.0	V	44.0

RSE-11N-CH52-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15783.500000	---	50.06	54.00	3.94	500.0	1000.000	100.0	V	209.0
15783.500000	65.24	---	74.00	8.76	500.0	1000.000	100.0	V	209.0

RSE-11N-CH140-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.054237	15.49	40.00	24.51	1000.0	120.000	104.0	V	213.0

RSE-11N-CH140-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6741.625000	---	35.09	---	---	500.0	1000.000	100.0	V	64.0
6741.625000	47.97	---	68.20	20.23	500.0	1000.000	100.0	V	64.0
7810.250000	---	34.77	---	---	500.0	1000.000	100.0	V	190.0
7810.250000	47.75	---	68.20	20.45	500.0	1000.000	100.0	V	190.0

RSE-11N-CH140-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
9119.750000	---	42.18	54.00	11.82	500.0	1000.000	100.0	H	152.0
9119.750000	50.78	---	74.00	23.22	500.0	1000.000	100.0	H	152.0
17101.500000	---	45.30	---	---	500.0	1000.000	100.0	H	214.0
17101.500000	59.53	---	68.20	8.67	500.0	1000.000	100.0	H	214.0

RSE-11N(40M)-CH46-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.574213	19.55	40.00	20.45	1000.0	120.000	100.0	V	160.0
48.031920	23.23	40.00	16.77	1000.0	120.000	125.0	V	121.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6404.875000	---	34.18	---	---	500.0	1000.000	100.0	H	8.0
6404.875000	47.11	---	68.20	21.09	500.0	1000.000	100.0	H	8.0
7233.500000	---	33.88	---	---	500.0	1000.000	100.0	V	233.0
7233.500000	46.54	---	68.20	21.66	500.0	1000.000	100.0	V	233.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15698.250000	---	49.17	54.00	4.83	500.0	1000.000	100.0	H	147.0
15698.250000	64.50	---	74.00	9.50	500.0	1000.000	100.0	H	147.0

RSE-11N(40M)-CH54-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.097859	16.74	40.00	23.26	1000.0	120.000	102.0	V	201.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
5651.125000	46.96	---	68.20	21.24	500.0	1000.000	100.0	H	271.0
5651.125000	---	34.51	---	---	500.0	1000.000	100.0	H	271.0
7076.000000	---	34.97	---	---	500.0	1000.000	100.0	H	312.0
7076.000000	47.49	---	68.20	20.71	500.0	1000.000	100.0	H	312.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15798.250000	---	45.31	54.00	8.69	500.0	1000.000	100.0	V	106.0
15798.250000	60.42	---	74.00	13.58	500.0	1000.000	100.0	V	106.0

RSE-11N(40M)-CH134-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.608896	20.46	40.00	19.54	1000.0	120.000	101.0	V	202.0
48.550240	23.07	40.00	16.93	1000.0	120.000	101.0	V	302.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
6733.000000	---	35.01	---	---	500.0	1000.000	100.0	V	28.0
6733.000000	47.83	---	68.20	20.37	500.0	1000.000	100.0	V	28.0

7854.375000	---	34.97	---	---	500.0	1000.000	100.0	V	113.0
7854.375000	47.33	---	68.20	20.87	500.0	1000.000	100.0	V	113.0

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

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
9071.750000	---	44.46	54.00	9.54	500.0	1000.000	100.0	H	214.0
9071.750000	51.65	---	74.00	22.35	500.0	1000.000	100.0	H	214.0
16571.000000	---	41.85	---	---	500.0	1000.000	100.0	H	317.0
16571.000000	54.48	---	68.20	13.72	500.0	1000.000	100.0	H	317.0

Secondary supply (S21)
RSE-11A-CH36-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
33.674192	27.90	40.00	12.10	1000.0	120.000	100.0	V	261.0
336.416464	28.41	46.00	17.59	1000.0	120.000	100.0	H	234.0

RSE-11A-CH36-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4280.875000	---	33.78	54.00	20.22	500.0	1000.000	100.0	V	21.0
4280.875000	46.47	---	74.00	27.53	500.0	1000.000	100.0	V	21.0
7409.250000	---	34.55	54.00	19.45	500.0	1000.000	100.0	V	64.0
7409.250000	48.35	---	74.00	25.65	500.0	1000.000	100.0	V	64.0

RSE-11A-CH36-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8288.000000	53.62	---	74.00	20.38	500.0	1000.000	100.0	V	143.0
8288.000000	---	48.62	54.00	5.38	500.0	1000.000	100.0	V	143.0
15544.000000	59.67	---	74.00	14.33	500.0	1000.000	100.0	H	125.0
15544.000000	---	45.35	54.00	8.65	500.0	1000.000	100.0	H	125.0

RSE-11A-CH40-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
3840.750000	47.52	---	74.00	26.48	500.0	1000.000	100.0	V	87.0
3840.750000	---	34.76	54.00	19.24	500.0	1000.000	100.0	V	87.0
6519.125000	---	34.55	---	---	500.0	1000.000	100.0	H	356.0
6519.125000	46.71	---	68.20	21.49	500.0	1000.000	100.0	H	356.0

RSE-11A-CH52-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
34.595096	24.82	40.00	15.18	1000.0	120.000	100.0	V	1.0
57.350804	28.62	40.00	11.38	1000.0	120.000	100.0	V	64.0

RSE-11A-CH52-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4020.500000	---	34.01	54.00	19.99	500.0	1000.000	100.0	H	328.0
4020.500000	46.46	---	74.00	27.54	500.0	1000.000	100.0	H	328.0
7358.625000	---	34.47	54.00	19.53	500.0	1000.000	100.0	V	157.0
7358.625000	46.56	---	74.00	27.44	500.0	1000.000	100.0	V	157.0

RSE-11A-CH52-8G-18G-YLD

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8416.250000	51.75	---	74.00	22.25	500.0	1000.000	100.0	V	144.0
8416.250000	---	45.77	54.00	8.23	500.0	1000.000	100.0	V	144.0
10525.500000	50.77	---	68.20	17.43	500.0	1000.000	100.0	V	164.0
10525.500000	---	38.05	---	---	500.0	1000.000	100.0	V	164.0
15784.500000	---	48.87	54.00	5.13	500.0	1000.000	100.0	H	207.0
15784.500000	64.42	---	74.00	9.58	500.0	1000.000	100.0	H	207.0

RSE-11A-CH120-30M-1G

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.303468	28.97	40.00	11.03	1000.0	120.000	100.0	V	174.0
56.612212	29.02	40.00	10.98	1000.0	120.000	100.0	V	26.0

RSE-11A-CH120-1G-8G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
7384.125000	---	34.59	54.00	19.41	500.0	1000.000	100.0	V	2.0
7384.125000	47.50	---	74.00	26.50	500.0	1000.000	100.0	V	2.0

RSE-11A-CH120-8G-18G

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time(ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
8959.750000	53.09	---	68.20	15.11	500.0	1000.000	100.0	V	154.0
8959.750000	---	47.07	---	---	500.0	1000.000	100.0	V	154.0
11200.000000	52.51	---	74.00	21.49	500.0	1000.000	100.0	V	174.0
11200.000000	---	39.95	54.00	14.05	500.0	1000.000	100.0	V	174.0
16797.000000	---	48.20	---	---	500.0	1000.000	100.0	H	187.0
16797.000000	63.76	---	68.20	4.44	500.0	1000.000	100.0	H	187.0

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)

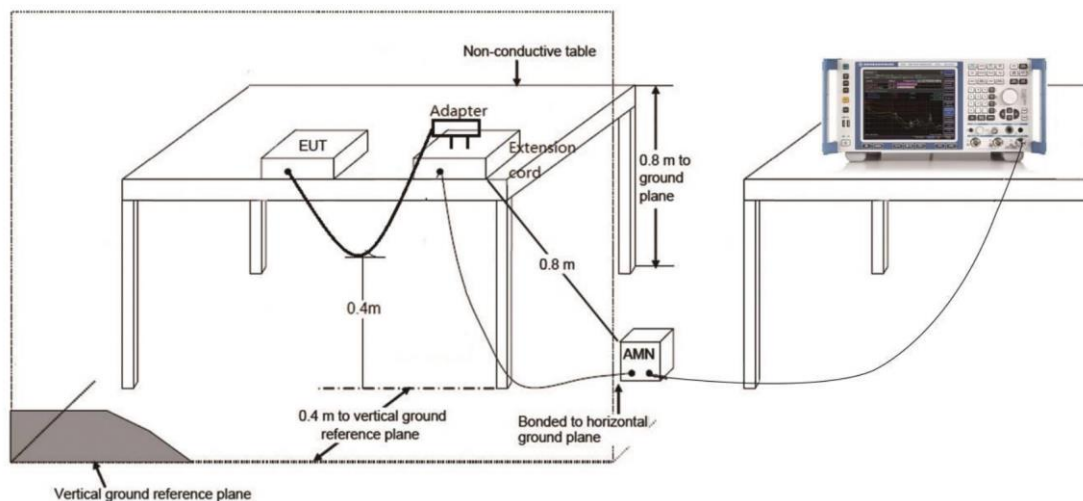
6.9. AC Powerline Conducted Emission

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

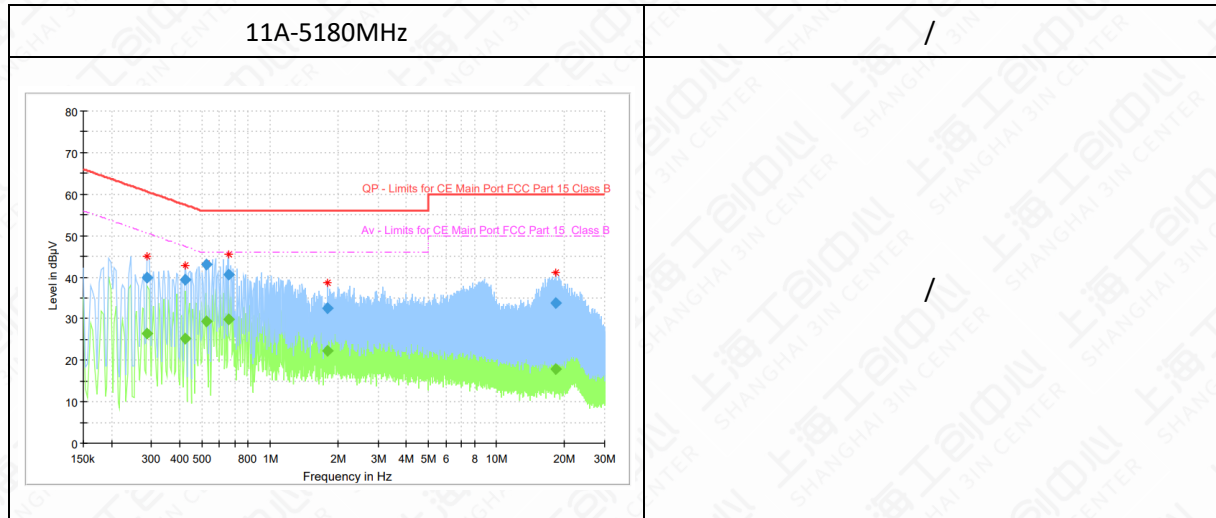
6.9.4. Measurement limit

(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)
0.288056	---	26.53	50.58	24.05	15000.0	9.000	N	ON	7.2
0.288056	39.95	---	60.58	20.63	15000.0	9.000	N	ON	7.2
0.422381	---	25.27	47.40	22.13	15000.0	9.000	N	ON	8.8
0.422381	39.48	---	57.40	17.92	15000.0	9.000	N	ON	8.8
0.523125	43.01	---	56.00	12.99	15000.0	9.000	N	ON	9.6
0.523125	---	29.38	46.00	16.62	15000.0	9.000	N	ON	9.6
0.657450	---	29.81	46.00	16.19	15000.0	9.000	L1	ON	9.6
0.657450	40.63	---	56.00	15.37	15000.0	9.000	L1	ON	9.6
1.795481	---	22.38	46.00	23.62	15000.0	9.000	L1	ON	9.6
1.795481	32.45	---	56.00	23.55	15000.0	9.000	L1	ON	9.6
18.343575	33.68	---	60.00	26.32	15000.0	9.000	L1	ON	10.0
18.343575	---	17.89	50.00	32.11	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

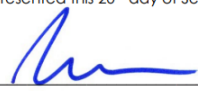
for technical competence in the field of

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