

EMC Test Report (full test)

EMI Auto Test Template: #20 55032(B), 61000-6-3, 50293 (3m, 1m, step 30°, f off)

Hardware Setup: 6G ESR7
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 1 GHz - 6 GHz
 Graphics Level Range: 20 dBμV/m - 80 dBμV/m

Preview Measurements:
 Graphics Display: Show separate traces for horizontal and vertical polarization
 Scan Test Template: #20 (6G) ESR7 3m PK

Adjustment:
 Template for Single Meas.: #20 (6G) ESR7 3m PK

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
Receiver: [ESR 7] 1 GHz - 6 GHz	250 kHz	PK+	1 MHz	0,005 s	20 dB

Final Measurements:
 Template for Single Meas.: #20 ESR7 (6G) 3m AV+PK

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
Receiver: [ESR 7] 1 GHz - 6 GHz	250 kHz	CAV ; PK+	1 MHz	1 s	20 dB

Final Result

Frequency (MHz)	CAverage (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB)
1103.500000	14.72	---	50.00	35.28	1000.0	120.000	H	37.0	23.5
1103.500000	---	35.33	70.00	34.67	1000.0	120.000	H	37.0	23.5
1286.500000	---	36.06	70.00	33.94	1000.0	120.000	H	29.0	25.2
1286.500000	16.66	---	50.00	33.34	1000.0	120.000	H	29.0	25.2
1472.250000	14.79	---	50.00	35.21	1000.0	120.000	V	33.0	26.1
1472.250000	---	32.66	70.00	37.34	1000.0	120.000	V	33.0	26.1
1531.500000	16.88	---	50.00	33.12	1000.0	120.000	H	29.0	26.3
1531.500000	---	37.76	70.00	32.24	1000.0	120.000	H	29.0	26.3
1660.500000	---	36.32	70.00	33.68	1000.0	120.000	V	24.0	26.9
1660.500000	17.19	---	50.00	32.81	1000.0	120.000	V	24.0	26.9
1715.250000	---	43.34	70.00	26.66	1000.0	120.000	H	-97.0	27.2
1715.250000	19.73	---	50.00	30.27	1000.0	120.000	H	-97.0	27.2
1783.500000	---	39.77	70.00	30.23	1000.0	120.000	V	-26.0	27.5
1783.500000	19.30	---	50.00	30.70	1000.0	120.000	V	-26.0	27.5
1837.750000	20.56	---	50.00	29.44	1000.0	120.000	H	-1.0	27.4
1837.750000	---	44.39	70.00	25.61	1000.0	120.000	H	-1.0	27.4
1899.000000	---	42.41	70.00	27.59	1000.0	120.000	H	29.0	27.1
1899.000000	21.84	---	50.00	28.16	1000.0	120.000	H	29.0	27.1
1961.000000	22.25	---	50.00	27.75	1000.0	120.000	H	39.0	27.4
1961.000000	---	46.97	70.00	23.03	1000.0	120.000	H	39.0	27.4
2022.500000	---	35.91	70.00	34.09	1000.0	120.000	H	165.0	28.2
2022.500000	21.57	---	50.00	28.43	1000.0	120.000	H	165.0	28.2
2092.250000	17.90	---	50.00	32.10	1000.0	120.000	V	24.0	27.9
2092.250000	---	35.69	70.00	34.31	1000.0	120.000	V	24.0	27.9
2668.000000	18.55	---	50.00	31.45	1000.0	120.000	H	127.0	30.2
2668.000000	---	31.22	70.00	38.78	1000.0	120.000	H	127.0	30.2
2892.500000	20.48	---	50.00	29.52	1000.0	120.000	H	0.0	30.7
2892.500000	---	38.37	70.00	31.63	1000.0	120.000	H	0.0	30.7
3311.500000	---	36.63	74.00	37.37	1000.0	120.000	H	-65.0	34.8

Frequency (MHz)	CAverage (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB)
3311.500000	23.70	---	54.00	30.30	1000.0	120.000	H	-65.0	34.8
3679.500000	---	39.08	74.00	34.92	1000.0	120.000	H	3.0	35.2
3679.500000	24.55	---	54.00	29.45	1000.0	120.000	H	3.0	35.2
3798.000000	---	41.84	74.00	32.16	1000.0	120.000	H	3.0	34.9
3798.000000	24.88	---	54.00	29.12	1000.0	120.000	H	3.0	34.9
3860.500000	---	37.81	74.00	36.19	1000.0	120.000	H	-5.0	35.3
3860.500000	24.88	---	54.00	29.12	1000.0	120.000	H	-5.0	35.3
4677.000000	---	41.26	74.00	32.74	1000.0	120.000	H	3.0	36.0
4677.000000	26.25	---	54.00	27.75	1000.0	120.000	H	3.0	36.0

