

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)
1102.750000	---	35.36	70.00	34.64	1000.0	120.000	H	15.0	23.5
1102.750000	14.65	---	50.00	35.35	1000.0	120.000	H	15.0	23.5
1250.000000	---	37.35	70.00	32.65	1000.0	120.000	H	54.0	24.2
1250.000000	30.29	---	50.00	19.71	1000.0	120.000	H	54.0	24.2
1475.500000	---	34.33	70.00	35.67	1000.0	120.000	V	-15.0	26.1
1475.500000	15.06	---	50.00	34.94	1000.0	120.000	V	-15.0	26.1
1531.500000	---	37.07	70.00	32.93	1000.0	120.000	H	29.0	26.3
1531.500000	16.55	---	50.00	33.45	1000.0	120.000	H	29.0	26.3
1660.500000	---	38.25	70.00	31.75	1000.0	120.000	H	28.0	26.9
1660.500000	18.36	---	50.00	31.64	1000.0	120.000	H	28.0	26.9
1723.250000	20.40	---	50.00	29.60	1000.0	120.000	H	29.0	27.2
1723.250000	---	44.38	70.00	25.62	1000.0	120.000	H	29.0	27.2
1776.750000	18.50	---	50.00	31.50	1000.0	120.000	V	-26.0	27.4
1776.750000	---	39.54	70.00	30.46	1000.0	120.000	V	-26.0	27.4
1846.250000	21.46	---	50.00	28.54	1000.0	120.000	H	-92.0	27.3
1846.250000	---	44.42	70.00	25.58	1000.0	120.000	H	-92.0	27.3
1907.500000	---	39.41	70.00	30.59	1000.0	120.000	V	-27.0	27.1
1907.500000	18.95	---	50.00	31.05	1000.0	120.000	V	-27.0	27.1
1969.250000	22.80	---	50.00	27.20	1000.0	120.000	V	-30.0	27.6
1969.250000	---	47.06	70.00	22.94	1000.0	120.000	V	-30.0	27.6
2021.750000	---	38.92	70.00	31.08	1000.0	120.000	V	28.0	28.3
2021.750000	19.57	---	50.00	30.43	1000.0	120.000	V	28.0	28.3
2082.750000	17.89	---	50.00	32.11	1000.0	120.000	H	-22.0	28.0
2082.750000	---	37.60	70.00	32.40	1000.0	120.000	H	-22.0	28.0
2331.250000	---	39.40	70.00	30.60	1000.0	120.000	H	123.0	29.3
2331.250000	27.51	---	50.00	22.49	1000.0	120.000	H	123.0	29.3
2340.000000	---	39.75	70.00	30.25	1000.0	120.000	H	119.0	29.3
2340.000000	27.55	---	50.00	22.45	1000.0	120.000	H	119.0	29.3
2347.000000	---	34.55	70.00	35.45	1000.0	120.000	H	105.0	29.3

Frequency (MHz)	CAverage (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB)
2347.000000	22.65	---	50.00	27.35	1000.0	120.000	H	105.0	29.3
2358.000000	22.74	---	50.00	27.26	1000.0	120.000	H	148.0	29.3
2358.000000	---	34.69	70.00	35.31	1000.0	120.000	H	148.0	29.3
2369.750000	27.67	---	50.00	22.33	1000.0	120.000	H	135.0	29.4
2369.750000	---	39.46	70.00	30.54	1000.0	120.000	H	135.0	29.4
2379.750000	27.62	---	50.00	22.38	1000.0	120.000	H	153.0	29.3
2379.750000	---	40.79	70.00	29.21	1000.0	120.000	H	153.0	29.3
2794.000000	24.01	---	50.00	25.99	1000.0	120.000	H	144.0	30.5
2794.000000	---	37.15	70.00	32.85	1000.0	120.000	H	144.0	30.5
2862.250000	---	37.04	70.00	32.96	1000.0	120.000	H	58.0	31.1
2862.250000	24.75	---	50.00	25.25	1000.0	120.000	H	58.0	31.1
3805.750000	24.31	---	54.00	29.69	1000.0	120.000	H	-35.0	35.0
3805.750000	---	36.93	74.00	37.07	1000.0	120.000	H	-35.0	35.0
3876.250000	---	39.19	74.00	34.81	1000.0	120.000	H	0.0	35.5
3876.250000	25.31	---	54.00	28.69	1000.0	120.000	H	0.0	35.5
4860.750000	26.57	---	54.00	27.43	1000.0	120.000	H	75.0	36.2
4860.750000	---	38.76	74.00	35.24	1000.0	120.000	H	75.0	36.2
5684.500000	27.49	---	54.00	26.51	1000.0	120.000	H	-65.0	36.8
5684.500000	---	40.21	74.00	33.79	1000.0	120.000	H	-65.0	36.8

