

EMC Test Report (full test)

EMI Auto Test Template: #23 55011(B), 55032(B), 61000-6-3, 50293 (3m, 1-2m, step 45°, f off, VULB)

Hardware Setup: 1-6G ESR7 (VULB 3m)
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 30 MHz - 1 GHz
 Graphics Level Range: 0 dBμV/m - 90 dBμV/m

Preview Measurements:

Graphics Display: Show separate traces for horizontal and vertical polarization
 Scan Test Template: #23 (1G) ESR7 (VULB) 3m PK

Adjustment:

Template for Single Meas.: #23 (1G) ESR7 (VULB) 3m PK

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
Receiver: [ESR 7] 30 MHz - 1 GHz	30 kHz	PK+	120 kHz	0,015 s	20 dB

Final Measurements:

Template for Single Meas.: #23 ESR7 (1G, VULB 3m) 3m QP

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
Receiver: [ESR 7] 30 MHz - 1 GHz	30 kHz	QPK	120 kHz	1 s	20 dB

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.630000	24.97	40.00	15.03	1000.0	120.000	100.0	H	-158.0	12.5
77.220000	25.14	40.00	14.86	1000.0	120.000	150.0	V	-41.0	8.2
110.040000	29.67	40.00	10.33	1000.0	120.000	100.0	V	158.0	12.3
152.940000	35.03	40.00	4.97	1000.0	120.000	200.0	H	34.0	9.2
182.430000	31.12	40.00	8.88	1000.0	120.000	100.0	V	46.0	10.6
189.540000	34.03	40.00	5.97	1000.0	120.000	100.0	V	-102.0	11.8
192.360000	33.13	40.00	6.87	1000.0	120.000	100.0	V	90.0	11.9
195.450000	32.65	40.00	7.35	1000.0	120.000	100.0	V	78.0	11.9
199.530000	33.16	40.00	6.84	1000.0	120.000	100.0	V	-102.0	12.0
205.560000	32.22	40.00	7.78	1000.0	120.000	150.0	H	-101.0	11.9
250.020000	34.33	47.00	12.67	1000.0	120.000	100.0	H	68.0	13.6
319.200000	33.59	47.00	13.41	1000.0	120.000	100.0	H	54.0	14.8
350.010000	40.56	47.00	6.44	1000.0	120.000	100.0	V	92.0	16.4
399.990000	43.09	47.00	3.91	1000.0	120.000	100.0	H	-146.0	16.8
450.000000	41.33	47.00	5.67	1000.0	120.000	150.0	H	79.0	17.8
474.990000	40.17	47.00	6.83	1000.0	120.000	100.0	H	-11.0	18.4
500.010000	42.32	47.00	4.68	1000.0	120.000	150.0	H	38.0	19.2
525.000000	36.91	47.00	10.09	1000.0	120.000	100.0	V	-51.0	19.1

