

FCC Part 15 Class B

Electric Field Strength

EUT: Canopy 9000
Manufacturer: Motorola
Operating Condition: 72 deg. F; 55% R.H.
Test Site: DLS OF Site 3
Operator: Craig Brandt
Test Specification: Transmit frequencies 906 MHz, 915MHz, and 924 MHz
Comment: Andrew vertical antenna
Date: 06/29/04

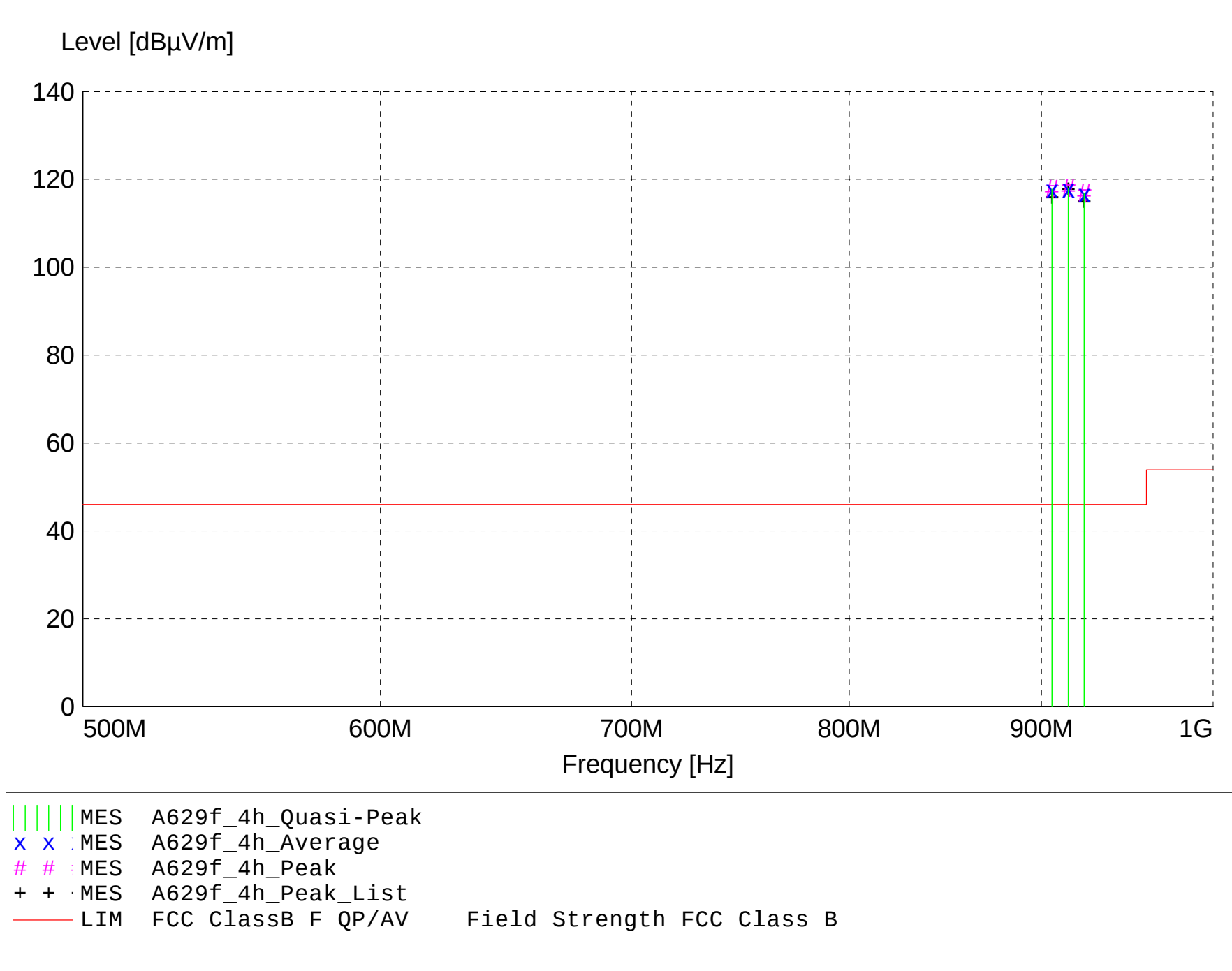
TEXT: "Site 3 MidH 3M"

Short Description: Test Set-up Horz30-1000MHz
TEST EQUIPMENT: Receiver --- Rohde&Schwarz ESI 40 SN: 837808/006

Antennas ---
Biconical -- EMC0 3104C SN: 9701-4785
Log Periodic -- EMC0 3146 SN: 9702-4895

Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with HORIZONTAL Antenna Polarisation



MEASUREMENT RESULT: "A629f_4h_Final"

6/29/2004 10:39AM

Frequency	Level	Antenna Factor	System Loss	Total Level	Limit	Margin	Height Ant. m	EuT Angle deg	Final Detector	Comment
MHz	dBμV	dBμV/m	dB	dBμV/m	dBμV/m	dB				
914.990000	88.67	22.36	6.9	117.9	46.0	-71.9	1.10	0	MAX PEAK	Fundamental
914.990000	88.63	22.36	6.9	117.9	46.0	-71.9	1.10	0	QUASI-PEAK	Fundamental
914.990000	88.58	22.36	6.9	117.9	46.0	-71.9	1.10	0	AVERAGE	Fundamental
905.995000	88.60	22.38	6.9	117.8	46.0	-71.8	1.10	0	MAX PEAK	Fundamental
905.995000	88.53	22.38	6.9	117.8	46.0	-71.8	1.10	0	QUASI-PEAK	Fundamental
905.995000	88.50	22.38	6.9	117.7	46.0	-71.7	1.10	0	AVERAGE	Fundamental
923.995000	87.47	22.39	7.0	116.9	46.0	-70.9	1.10	0	MAX PEAK	Fundamental
923.995000	87.33	22.39	7.0	116.7	46.0	-70.7	1.10	0	QUASI-PEAK	Fundamental
923.995000	87.26	22.39	7.0	116.7	46.0	-70.7	1.10	0	AVERAGE	Fundamental

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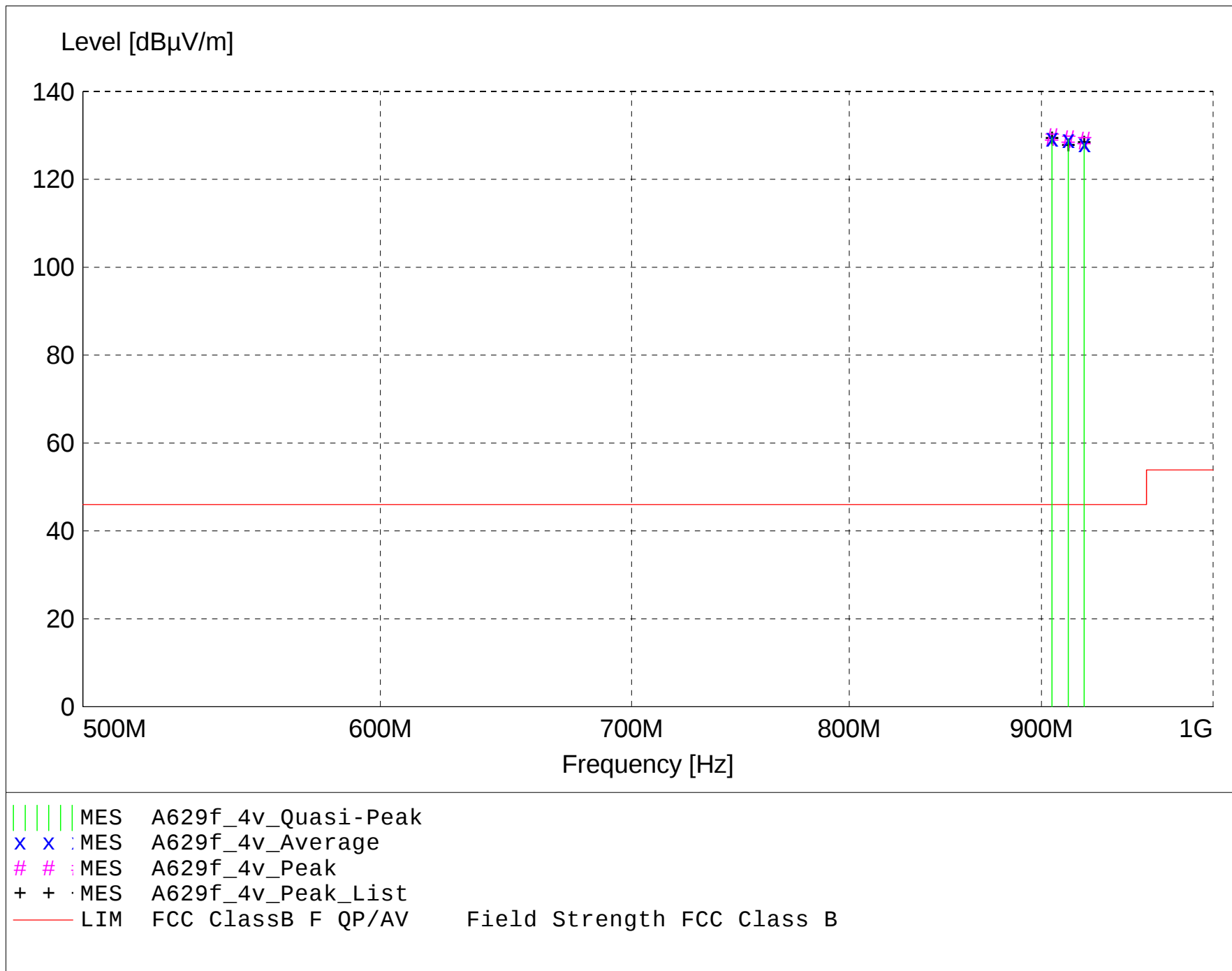
TEXT: "Site 3 MidV 3M"

Short Description: Test Set-up Vert30-1000MHz
TEST EQUIPMENT: Receiver --- Rohde&Schwarz ESI 26 SN: 837491/010

Antennas ---
Biconical -- EMC0 3104C SN: 9701-4785
Log Periodic -- EMC0 3146 SN: 9702-4895

Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with VERTICAL Antenna Polarisation



MEASUREMENT RESULT: "A629f_4v_Final"

6/29/2004 10:36AM

Frequency	Level	Antenna Factor	System Loss	Total Level	Limit	Margin	Height Ant.	EuT Angle	Final Detector	Comment
MHz	dBμV	dBμV/m	dB	dBμV/m	dBμV/m	dB	m	deg		
905.995000	100.35	22.38	6.9	129.6	46.0	-83.6	1.40	0	MAX PEAK	Fundamental
905.995000	100.29	22.38	6.9	129.5	46.0	-83.5	1.40	0	QUASI-PEAK	Fundamental
905.995000	100.18	22.38	6.9	129.4	46.0	-83.4	1.40	0	AVERAGE	Fundamental
914.990000	99.91	22.36	6.9	129.2	46.0	-83.2	1.40	0	MAX PEAK	Fundamental
914.990000	99.82	22.36	6.9	129.1	46.0	-83.1	1.40	0	QUASI-PEAK	Fundamental
914.990000	99.82	22.36	6.9	129.1	46.0	-83.1	1.40	0	AVERAGE	Fundamental
923.995000	99.37	22.39	7.0	128.8	46.0	-82.8	1.40	0	MAX PEAK	Fundamental
923.995000	98.89	22.39	7.0	128.3	46.0	-82.3	1.40	0	QUASI-PEAK	Fundamental
923.995000	98.76	22.39	7.0	128.2	46.0	-82.2	1.40	0	AVERAGE	Fundamental

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Comment: Andrew vertical antenna
Date: 06/29/04

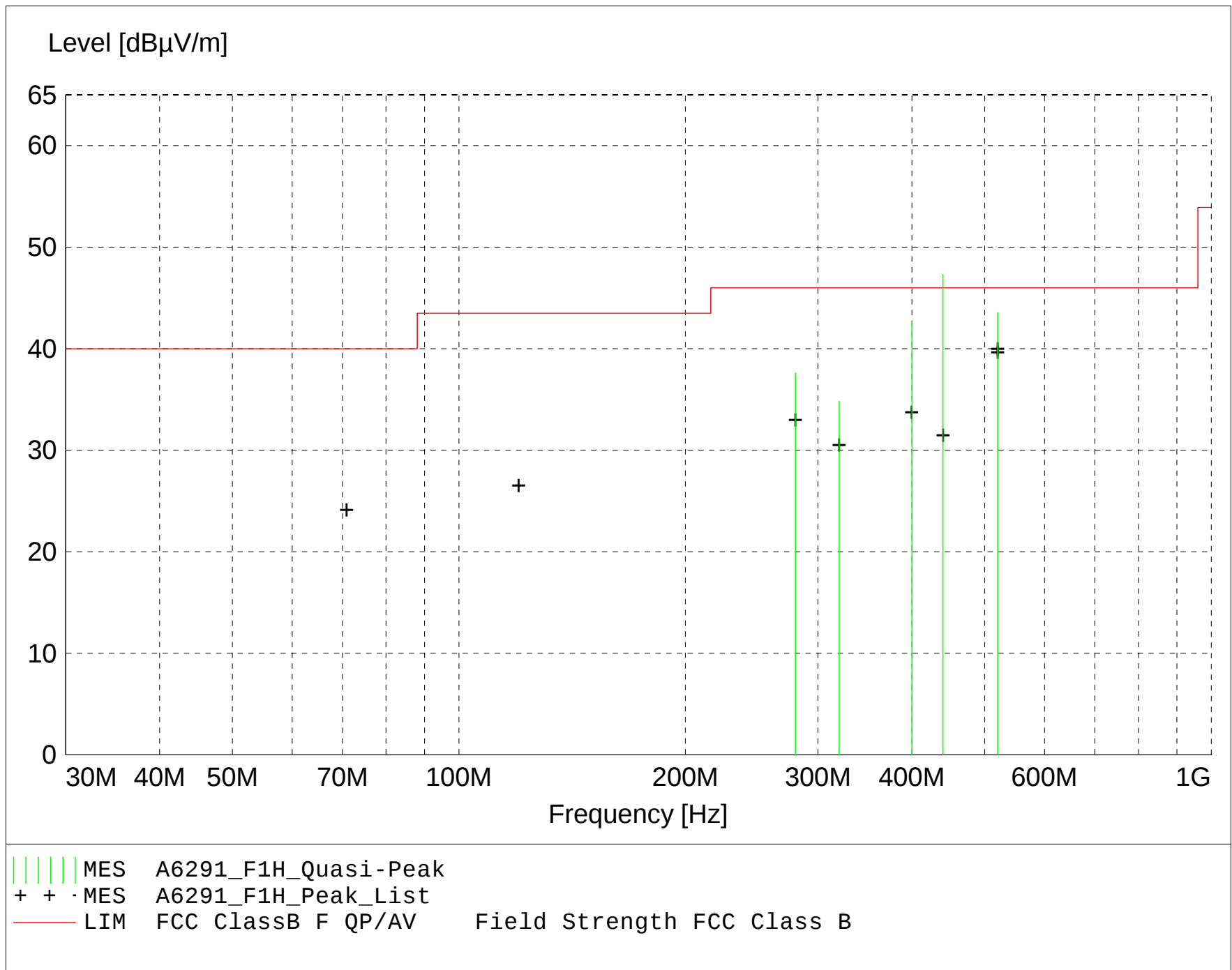
TEXT: "Site 3 MidH 3M"

Short Description: Test Set-up Horz30-1000MHz
TEST EQUIPMENT: Receiver --- Rohde&Schwarz ESI 40 SN: 837808/006

Antennas ---
Biconical -- EMC0 3104C SN: 9701-4785
Log Periodic -- EMC0 3146 SN: 9702-4895

Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with HORIZONTAL Antenna Polarisation



MEASUREMENT RESULT: "A6291_F1H_Final"

6/29/2004 1:51PM

Frequency	Level	Antenna Factor	System Loss	Total Level	Limit	Margin	Height Ant. m	EuT Angle deg	Final Detector	Comment
MHz	dBμV	dBμV/m	dB	dBμV/m	dBμV/m	dB				
439.970000	26.32	16.45	4.5	47.3	46.0	-1.3	1.00	225	QUASI-PEAK	None
519.980000	19.82	18.64	5.1	43.5	46.0	2.5	1.50	180	QUASI-PEAK	None
520.000000	19.75	18.63	5.1	43.4	46.0	2.6	1.50	180	QUASI-PEAK	None
399.990000	22.51	15.85	4.3	42.7	46.0	3.3	1.00	225	QUASI-PEAK	None
279.980000	20.13	13.79	3.7	37.6	46.0	8.4	1.00	225	QUASI-PEAK	None
399.990000	17.06	15.85	4.3	37.2	46.0	8.8	0.00	90	QUASI-PEAK	None
279.980000	18.36	13.79	3.7	35.8	46.0	10.2	1.00	225	QUASI-PEAK	None
319.990000	15.46	15.45	3.9	34.8	46.0	11.2	1.00	270	QUASI-PEAK	None

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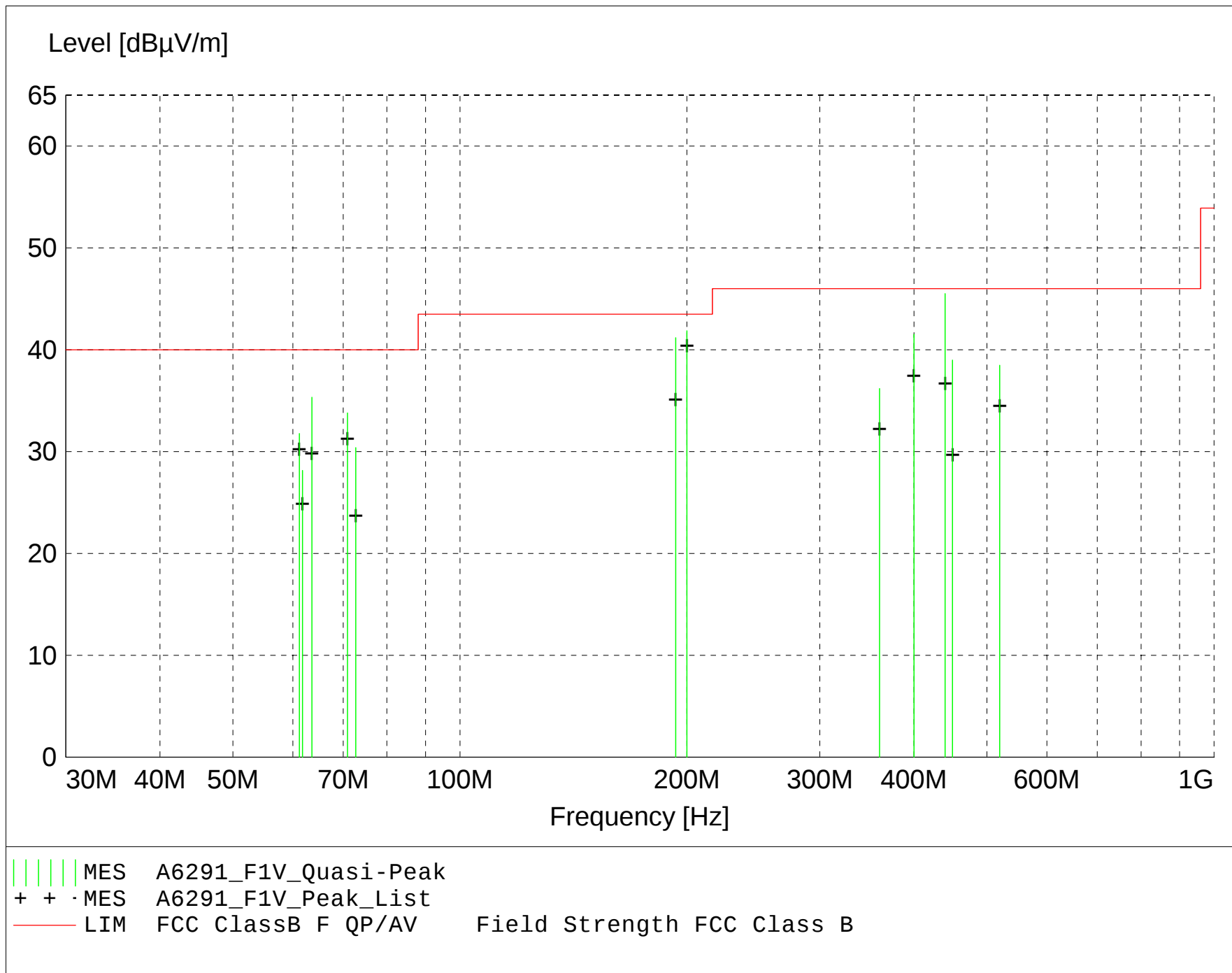
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Short Description: Test Set-up Vert30-1000MHz
TEST EQUIPMENT: Receiver --- Rohde&Schwarz ESI 26 SN: 837491/010

Antennas ---
Biconical -- EMC0 3104C SN: 9701-4785
Log Periodic -- EMC0 3146 SN: 9702-4895

Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with VERTICAL Antenna Polarisation



MEASUREMENT RESULT: "A6291_F1V_Final"

6/29/2004 1:57PM

Frequency	Level	Antenna	System	Total	Limit	Margin	Height	EuT	Final	Comment
MHz	dBμV	Factor	Loss	Level			Ant.	Angle	Detector	
		dBμV/m	dB	dBμV/m	dBμV/m	dB	m	deg		
439.980000	24.53	16.45	4.5	45.5	46.0	0.5	1.00	270	QUASI-PEAK	None
439.980000	23.47	16.45	4.5	44.5	46.0	1.5	1.00	90	QUASI-PEAK	None
199.990000	21.89	17.01	3.0	41.9	43.5	1.6	1.00	0	QUASI-PEAK	None
193.225000	21.45	16.78	3.0	41.2	43.5	2.3	1.50	0	QUASI-PEAK	None
399.980000	21.35	15.85	4.3	41.5	46.0	4.5	1.00	90	QUASI-PEAK	None
63.615000	24.59	8.89	1.9	35.3	40.0	4.7	1.00	270	QUASI-PEAK	None
70.915000	24.95	6.99	1.9	33.8	40.0	6.2	1.00	0	QUASI-PEAK	None
449.990000	17.75	16.62	4.6	39.0	46.0	7.0	1.00	90	QUASI-PEAK	None
519.970000	14.78	18.64	5.1	38.5	46.0	7.5	1.50	225	QUASI-PEAK	None
63.615000	21.39	8.89	1.9	32.1	40.0	7.9	1.00	315	QUASI-PEAK	None
61.220000	20.60	9.39	1.8	31.8	40.0	8.2	1.50	270	QUASI-PEAK	None
72.740000	21.83	6.67	1.9	30.4	40.0	9.6	1.00	180	QUASI-PEAK	None
359.990000	17.14	14.99	4.1	36.2	46.0	9.8	1.00	270	QUASI-PEAK	None
72.740000	20.06	6.67	1.9	28.6	40.0	11.4	1.00	270	QUASI-PEAK	None
61.790000	17.08	9.25	1.8	28.1	40.0	11.9	1.00	270	QUASI-PEAK	None

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Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with HORIZONTAL Antenna Polarisation



MEASUREMENT RESULT: "A6292_F1H_Final"

6/30/2004 3:18PM

Frequency	Level	Antenna	System	Total	Limit	Margin	Height	EuT	Final	Comment
MHz	dBμV	Factor	Loss	Level			Ant.	Angle	Detector	
		dBμV/m	dB	dBμV/m	dBμV/m	dB	m	deg		
199.990000	45.92	17.01	-22.7	45.3	43.5	3.3	1.50	135	QUASI-PEAK	None
79.980000	52.97	6.93	-23.9	36.0	40.0	4.0	2.60	315	QUASI-PEAK	None
559.990000	42.24	18.75	-20.6	40.4	46.0	5.6	1.30	0	QUASI-PEAK	None
463.600000	44.43	16.99	-21.1	40.3	46.0	5.7	1.30	225	QUASI-PEAK	None
119.980000	47.35	12.97	-23.2	37.1	43.5	6.4	1.60	180	QUASI-PEAK	None
280.000000	47.68	13.79	-21.9	39.6	46.0	6.4	1.00	315	QUASI-PEAK	None
239.990000	47.79	12.17	-22.3	37.6	46.0	8.4	1.20	315	QUASI-PEAK	None
399.980000	42.28	15.85	-21.4	36.7	46.0	9.3	1.00	90	QUASI-PEAK	None
70.925000	47.46	6.98	-24.0	30.5	40.0	9.5	3.00	45	QUASI-PEAK	None
574.580000	37.90	18.83	-20.5	36.2	46.0	9.8	1.30	0	QUASI-PEAK	None
194.545000	36.07	17.14	-22.7	30.5	43.5	13.0	2.00	225	QUASI-PEAK	None
234.550000	42.75	11.69	-22.4	32.1	46.0	13.9	1.30	315	QUASI-PEAK	None

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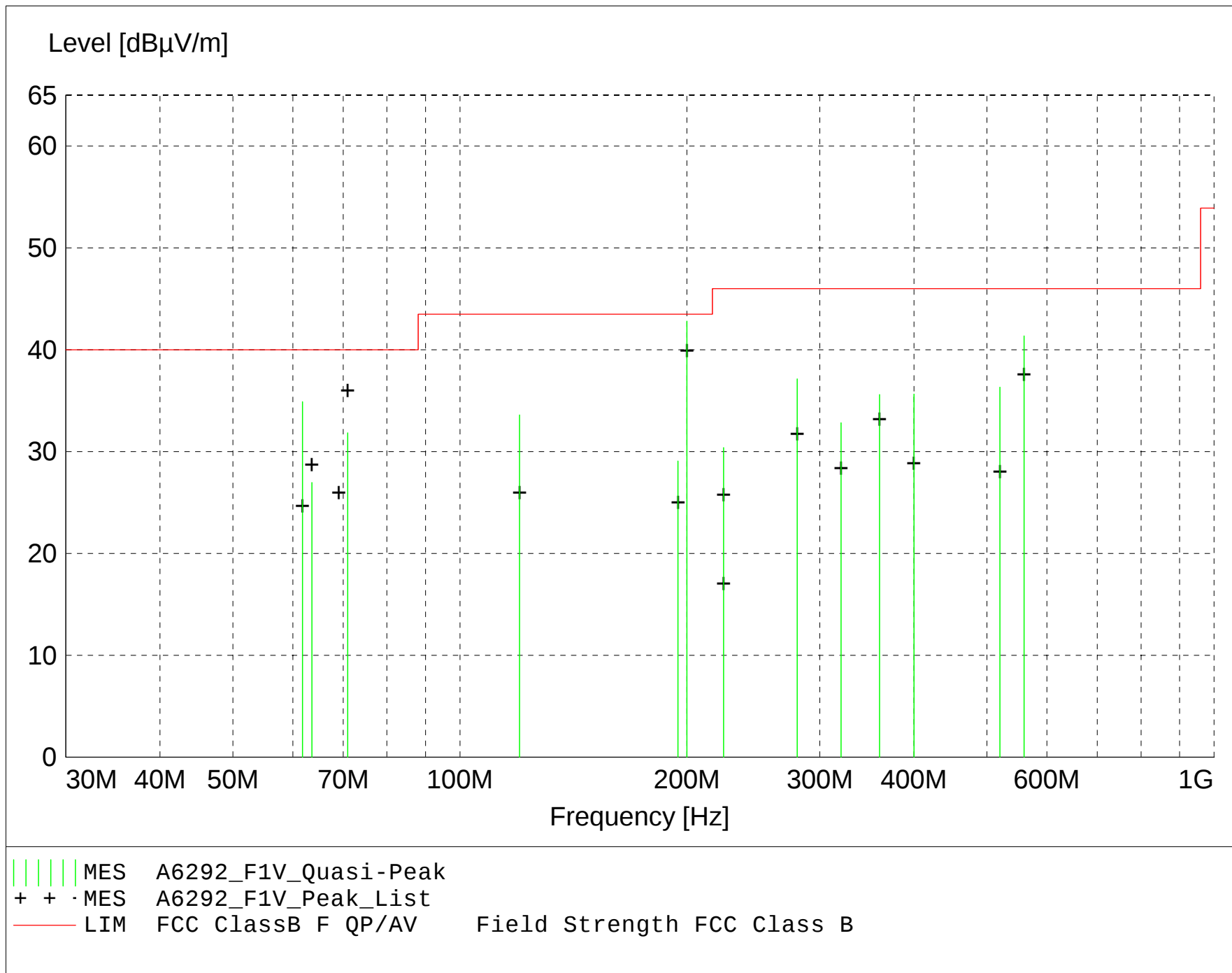
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Pre-Amp --- Rohde&Schwarz TS-PR10 SN: 032001/005

TEST SET-UP: EuT Measured at 3 Meters with VERTICAL Antenna Polarisation



MEASUREMENT RESULT: "A6292_F1V_Final"

6/30/2004 3:19PM

Frequency	Level	Antenna	System	Total	Limit	Margin	Height	EuT	Final	Comment
MHz	dBμV	Factor	Loss	Level			Ant.	Angle	Detector	
		dBμV/m	dB	dBμV/m	dBμV/m	dB	m	deg		
199.990000	48.51	17.01	-22.7	42.8	43.5	0.7	1.00	0	QUASI-PEAK	None
559.980000	43.19	18.75	-20.6	41.4	46.0	4.6	1.30	135	QUASI-PEAK	None
61.800000	49.66	9.25	-24.0	34.9	40.0	5.1	1.00	0	QUASI-PEAK	None
70.920000	48.82	6.99	-24.0	31.8	40.0	8.2	1.00	135	QUASI-PEAK	None
279.990000	45.25	13.79	-21.9	37.1	46.0	8.9	1.30	270	QUASI-PEAK	None
519.990000	38.49	18.63	-20.8	36.3	46.0	9.7	1.00	270	QUASI-PEAK	None
119.985000	43.83	12.97	-23.2	33.6	43.5	9.9	1.00	225	QUASI-PEAK	None
399.990000	41.17	15.85	-21.4	35.6	46.0	10.4	1.10	180	QUASI-PEAK	None
359.990000	42.29	14.99	-21.7	35.6	46.0	10.4	1.00	225	QUASI-PEAK	None
63.615000	42.06	8.89	-24.0	27.0	40.0	13.0	1.00	0	QUASI-PEAK	None
320.000000	39.01	15.45	-21.6	32.8	46.0	13.2	1.00	0	QUASI-PEAK	None
194.550000	34.65	17.14	-22.7	29.1	43.5	14.4	1.00	0	QUASI-PEAK	None
223.620000	41.26	11.42	-22.3	30.4	46.0	15.6	1.80	0	QUASI-PEAK	None