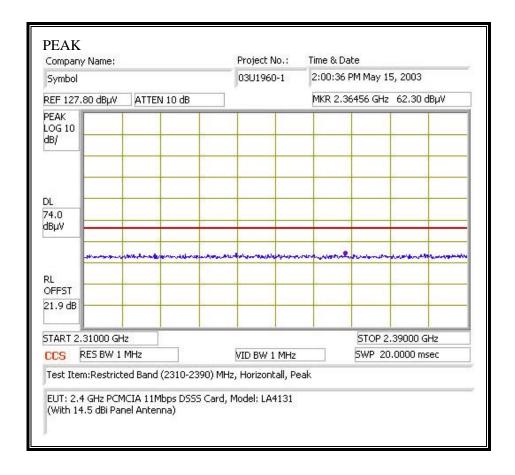
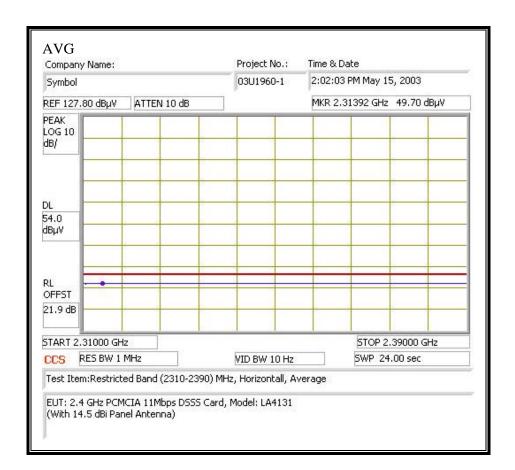
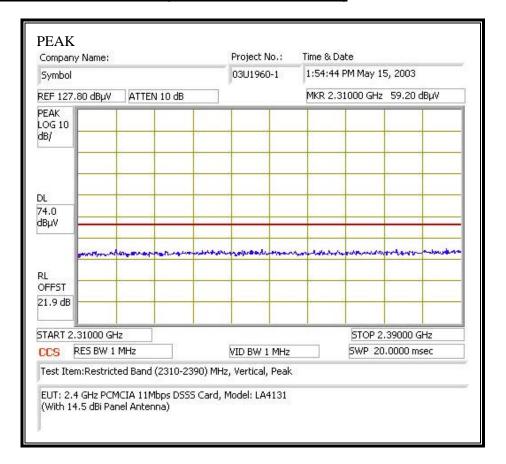


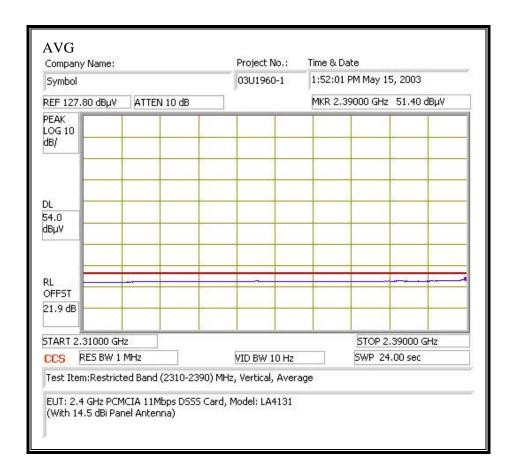
## ADJACENT RESTRICTED BAND (LOW CHANNEL, HORIZONTAL)



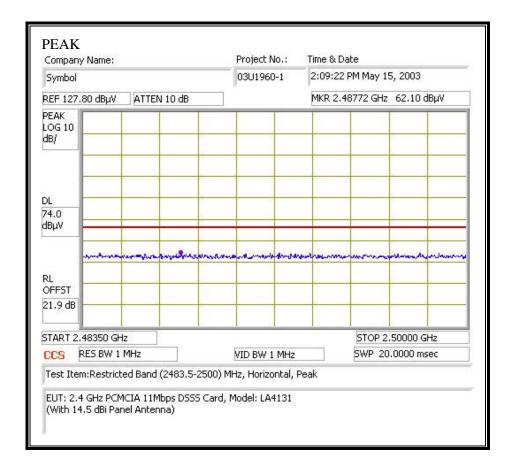


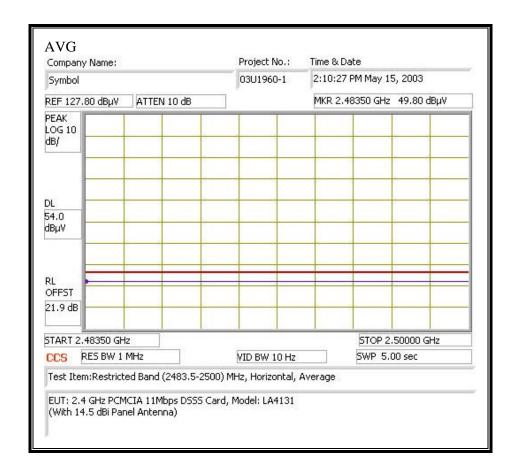
## ADJACENT RESTRICTED BAND (LOW CHANNEL, VERTICAL)



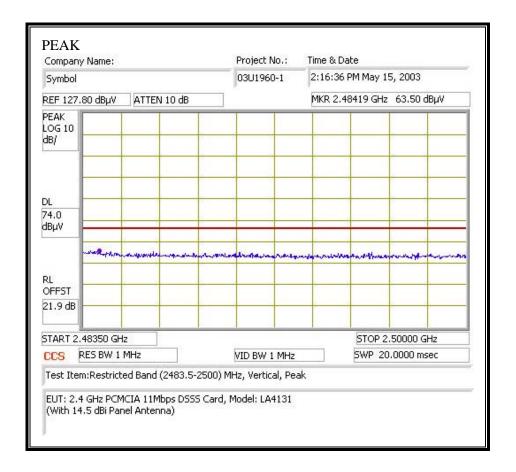


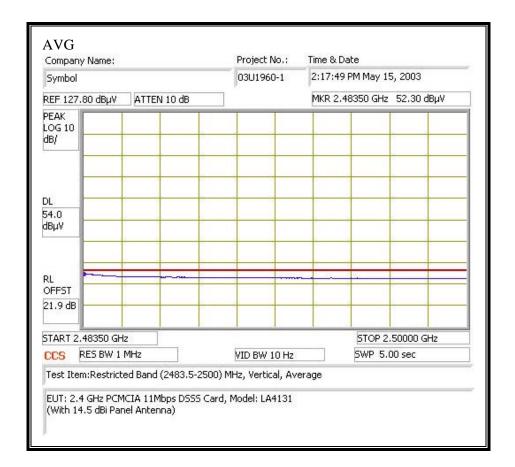
# ADJACENT RESTRICTED BAND (HIGH CHANNEL, HORIZONTAL)



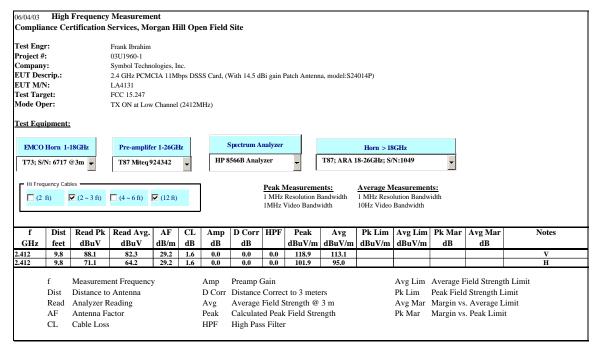


# **ADJACENT RESTRICTED BAND (HIGH CHANNEL, VERTICAL)**



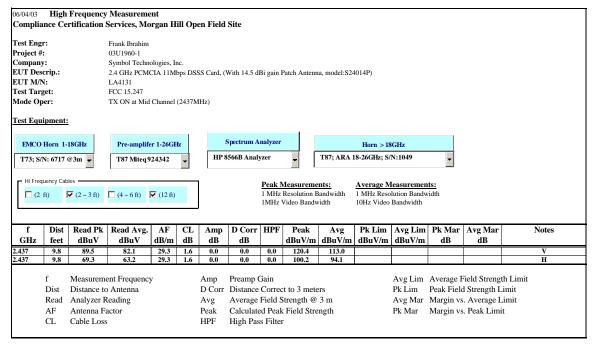


#### HARMONICS AND SPURIOUS EMISSIONS



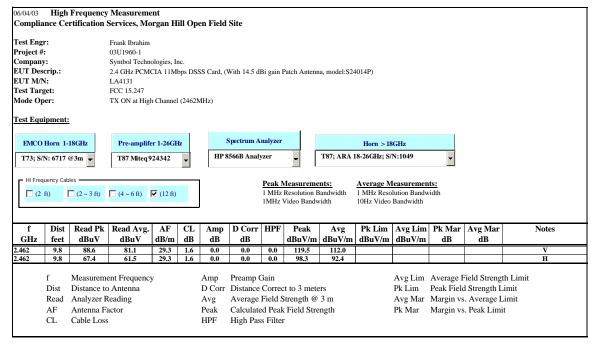
Note: no harmonics or spurious detected in the freq range of 1-25 GHz.

## **HARMONICS AND SPURIOUS EMISSIONS**



Note: no harmonics or spurious detected in the freq range of 1-25 GHz.

## **HARMONIC AND SPURIOUS EMISSIONS**



Note: no harmonics or spurious detected in the freq range of 1-25 GHz.

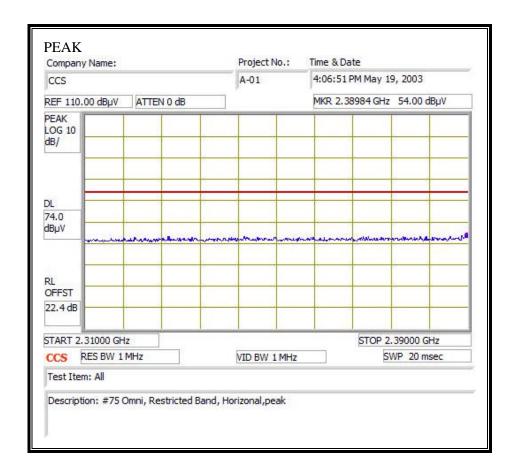
# 6.5. PATCH ANTENNA RESULTS

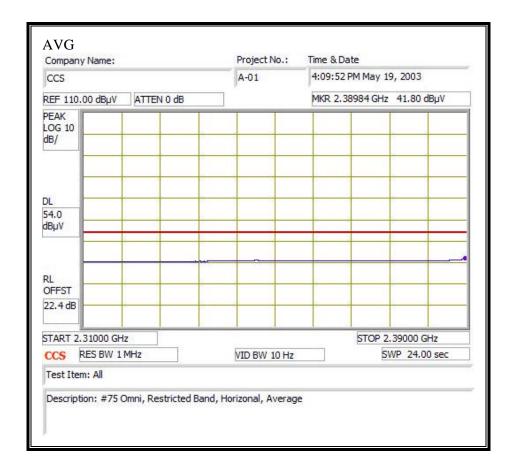
## **SETUP PHOTOS**



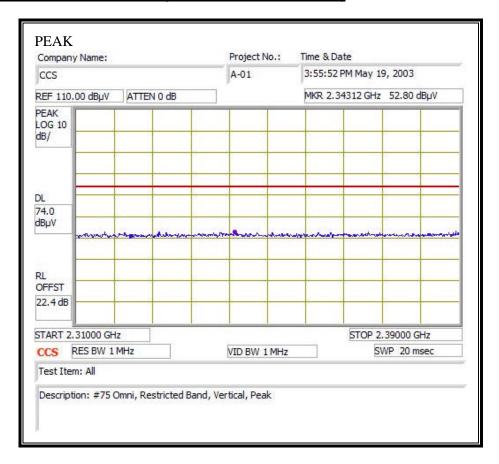


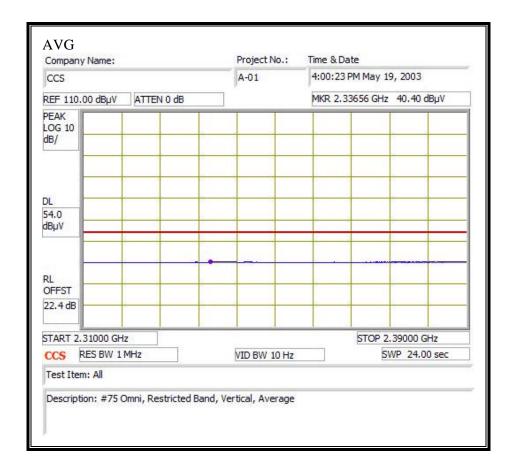
## ADJACENT RESTRICTED BAND (LOW CHANNEL, HORIZONTAL)



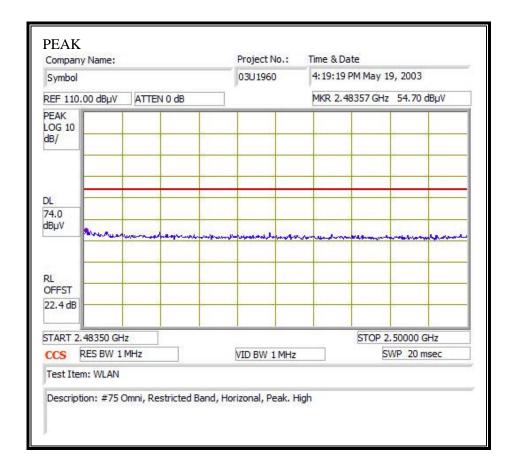


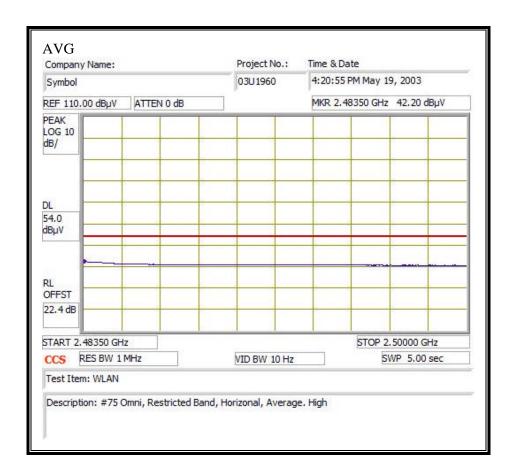
# ADJACENT RESTRICTED BAND (LOW CHANNEL, VERTICAL)



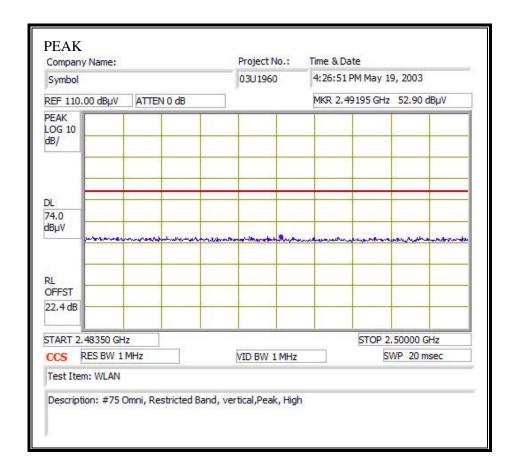


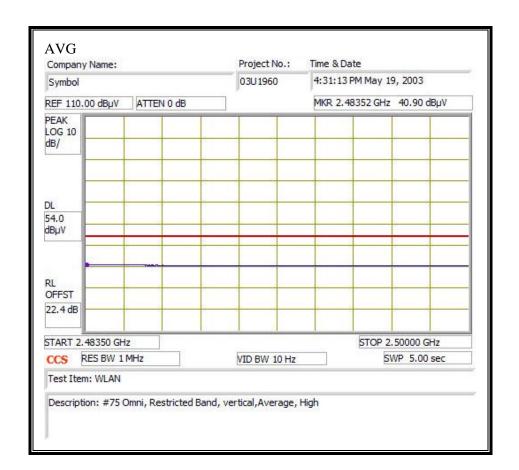
## ADJACENT RESTRICTED BAND (HIGH CHANNEL, HORIZONTAL)



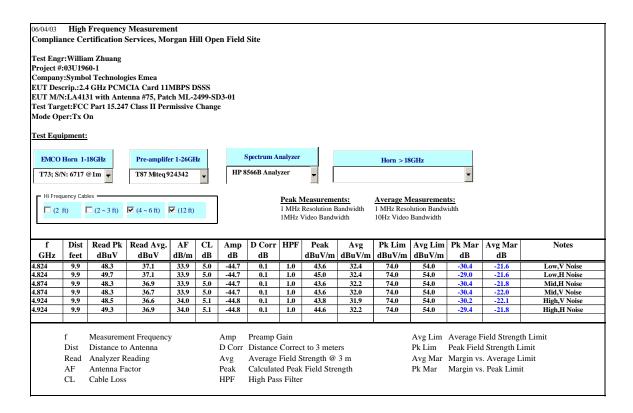


# ADJACENT RESTRICTED BAND (HIGH CHANNEL, VERTICAL)





#### **HARMONICS AND SPURIOUS EMISSIONS**

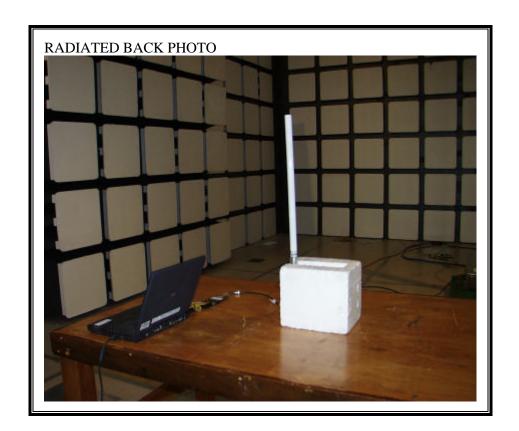


Note: no harmonics or spurious detected above the system noise floor.

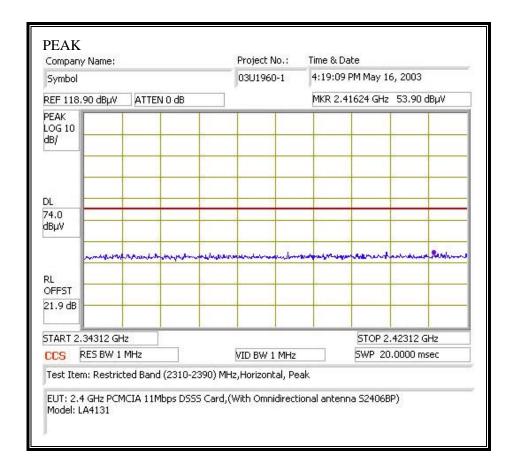
# 6.6. DIPOLE ANTENNA RESULTS

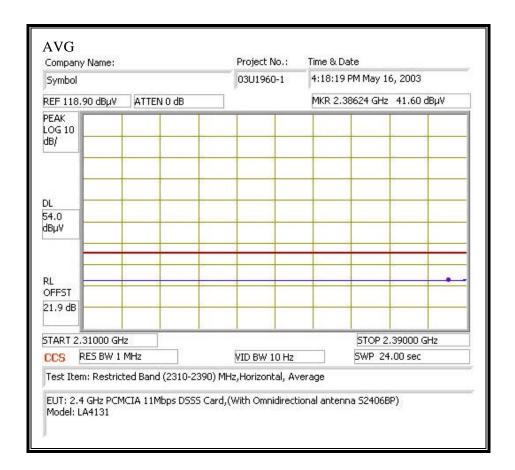
# **SETUP PHOTOS**



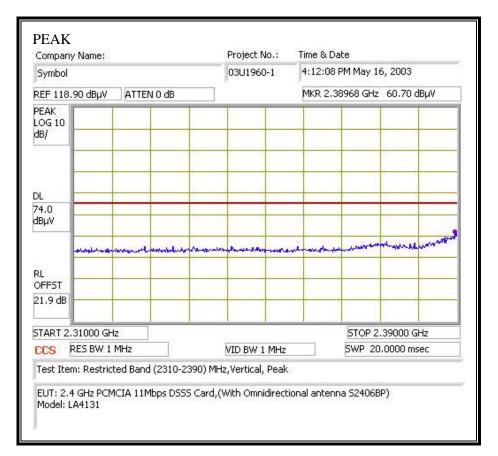


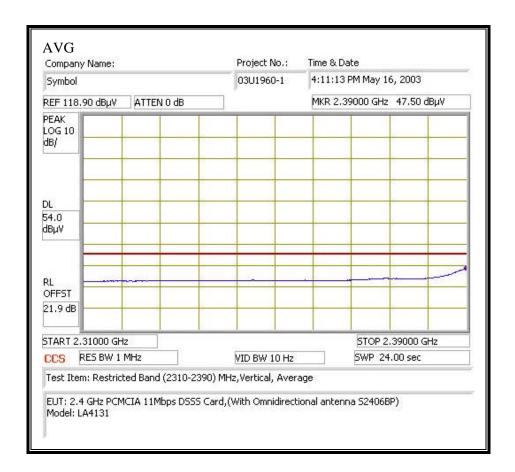
## ADJACENT RESTRICTED BAND (LOW CHANNEL, HORIZONTAL)



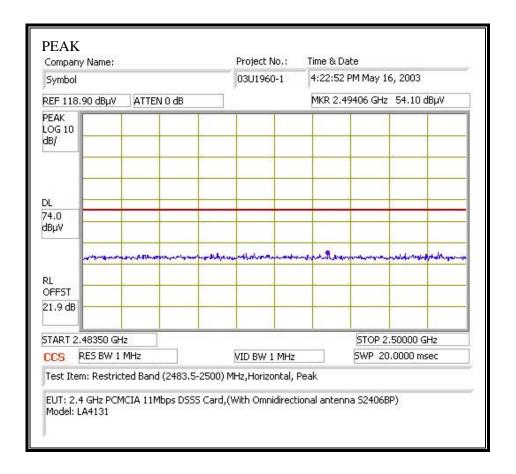


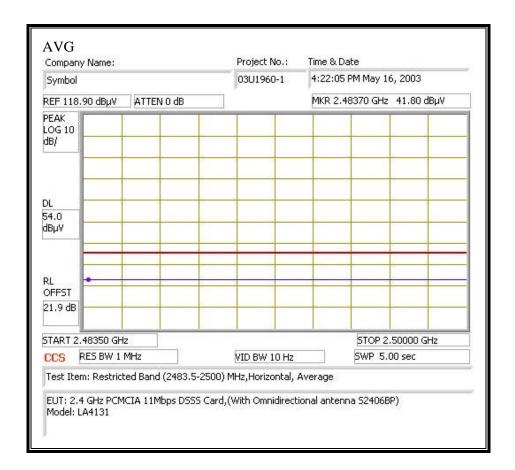
# ADJACENT RESTRICTED BAND (LOW CHANNEL, VERTICAL)



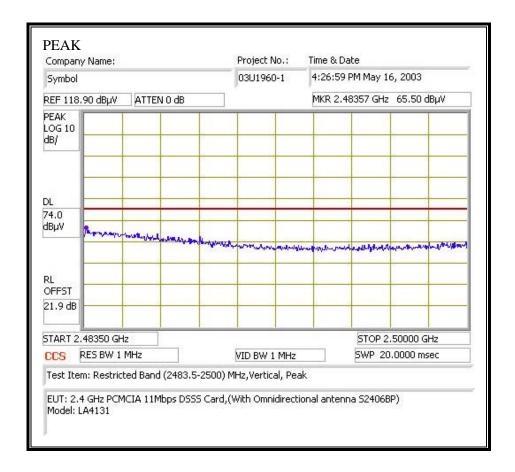


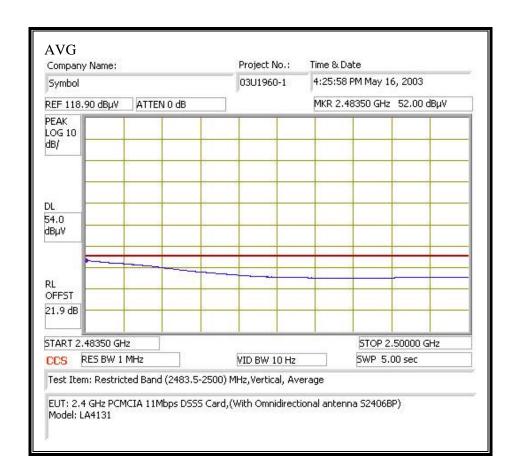
## ADJACENT RESTRICTED BAND (HIGH CHANNEL, HORIZONTAL)



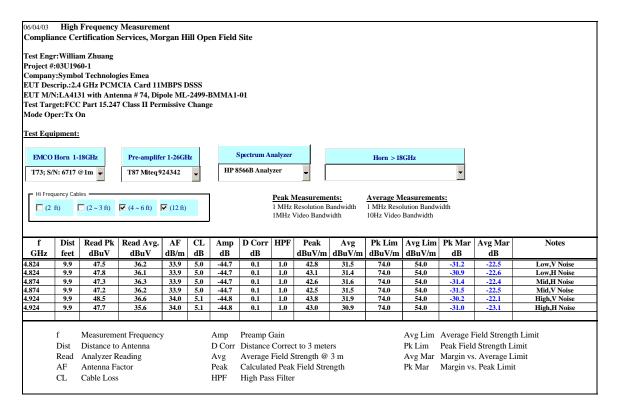


# ADJACENT RESTRICTED BAND (HIGH CHANNEL, VERTICAL)





## **HARMONICS AND SPURIOUS EMISSIONS**



Note: no harmonics or spurious detected above 1 GHz.

# 6.7. WORST-CASE EMISSIONS 30 TO 1000 MHz

## **RESULTS**



561F Monterey Boad Morgan Hill, GA 95037, U.S.A. Tel: (408) 463-0885 Fax:(408) 463-0898

Data#: 38 File#: unit test 1.EMI Date: 05-21-2003 Time: 17:46:12

Condition: FCC CLASS B 3m CHAMBER 030306 1185 VERTICAL Company : Symbol EUT Description : LA4131 card with 24dBi dish Antenna Model Number : La4131 Test Configurtion: EUT

Test Target : FCC Class B Node of Operation: TX Project No : 0301960

								P	age: 1
	Person		Probe Factor	Cable	Preamp		Limit		Remark
	Freq	rever	FACTOR	Loss	ractor	rever	Line	Limit	келагк
	MHz	dBuV		dB			dBuV/m	dB	
1	60.430	21.01	11.02	0.72	0.00	32.76	40.00	-7.24	Peak
2 3	119.930	24.10	10.56	1.03	0.00	35.69	43.50	-7.81	Peak
3	120.790	25.14	10.48	1.03	0.00	36.65	43.50	-6.85	Peak
4	198.640	26.41	9.03	1.38	0.00	36.82	43.50	=6.68	Peak
F.	199.490	26.49	9.00	T. 38	0:00	36.87	43.50	-6.63	Desak.



561F Monterey Road Morgan Hill, CA 95037, U.S.A. Tel: (408) 463-0885 Fax:(408) 463-0888

Datot: 41 File#: unit test 1.EMI Date: 05-21-2003 Time: 17:51:35

Audix ATC

Condition: FCC CLASS B 3m CHAMBER 030306 1185 VERTICAL

Company : Symbol EVT Description : LA4131 card with 24dBi dish Antenna Model Number : La4131

Test Configurtion: BUT

Test Target : FCC Class B

Mode of Operation: TX Project No : 0301960

								Page: 1	
	Freq	Read Level	Probe Factor		Preamp Factor		Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	265,600	25.77	11.86	1.61	0.00	39,24	46.00	-6.76	Peak
2	353,600	24.47	13.43	1.87	0.00	39.77	46.00	-6.23	Peak
3	401,600	23.09	14.48	2,81	0.00	39.58	46.00	-6.42	Peak
4 5	469,600	21.29	15.95	2.22	0.00	39.46	46.00	-6.54	Peak
5	485.600	23.14	16.28	2.29	0.00	41.71	46.00	-4.29	Peak
6	503.200	22.75	16,59	2,31	0.00	41.65	46.00	+4.35	Peak
2	573,600	23.29	17.40	2.51	0.00	43.20	46.00	-2.80	Peak
В	881.600	15.93	20.45	3.20	0.00	39.58	46.00	-6.42	Peak



561F Monterey Road Morgan Hill, CA 95037, U.S.A. Tel: (408) 463-0885 Fax: (408) 463-0888

Date: 05-21-2003 Time: 17:57:19

Data#: 44 File#: unit test 1.EMI

Audix ATC

Condition: FCC CLASS B 3m CHAMBER 030306 1185 HORIZONTAL

Company : Symbol EUT Description : LA4131 card with 24dBi dish Antenna

Model Number : La4131

Test Configurtion: EUT

Test Target : FCC Class B Mode of Operation: TX

Project No : 03U1960

Pa		
	мs	

	Freq	Read Level	Probe Factor		Preamp Factor		Limit Line		Remark	
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB		
1	39.690	9.72	16.49	0.61	0.00	26,83	40,00	-13.17	Peak	
2	57.880	13.98	11.89	0.76	0.00	26.63	40,00	-13.37	Peak	
3	60.430	15.49	11.02	0.72	0.00	27.23	40.00	-12.77	Peak.	
.4	61.280	18.87	10.79	0.73	0.00	30.39	40.00	-9.61	Peak	
5	63.490	16.98	9,93	0.76	0.00	27.67	40.00	-12.33	Peak	
6	65.190	16.71	9.34	0.77	0.00	26,82	40.00	-13.18	Peak	
7	88,140	28.78	7.75	0.88	0.00	37.41	43.50	-6.09	Peak	
θ	132.340	19.89	9,45	1,10	0.00	30.44	43.50	-13.06	Peak	
0	176,540	32.69	8.80	7.30	0.00	42.78	43.50	-0.72	Period	

revision section of the document.



561F Monterey Road Morgan Hill, CA 95037, U.S.A. Tel: (408) 463-0885 Fax: (408) 463-0888

File#: unit test 1.EMI Date: 05-21-2003 Time: 17:59:53 Data#: 46 Audix ATC

Condition: FCC CLASS B 3m CHAMBER 030306 1185 HORIZONTAL

: Symbol

EUT Description : LA4131 card with 24dBi dish Antenna

Model Number : La4131 Test Configurtion: EUT

Test Target : FCC Class B Mode of Operation: TX Project No : 0301960

								P	age: 1
	Freq		Probe Factor		Preamp Factor		Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	200.000	31.66	8.99	1.38	0.00	42.03	43.50	-1.47	Peak
2	263.200	26.67	11.84	1.60	0.00	40.11	46.00	=5,89	Peak
3	333,600	23.83	12,93	1.86	0.00	38.62	46.00	-7,38	Peak
4	395.200	26.44	14.35	2,01	0.00	42.79	46.00	=3.21	Peak
5	401.600	21.03	14.48	2.01	0.00	37.52	46.00	-8.48	Peak.
6	483,200	21.82	16,23	2.31	0.00	40.36	46.00	-5,64	Peak
2	573,600	20.07	17,40	2.51	0.00	40.78	46.00	-5.22	Peak
B	659.200	16.39	18,22	2,66	0.00	37.27	46.00	+8.73	Peak

# **END OF REPORT**