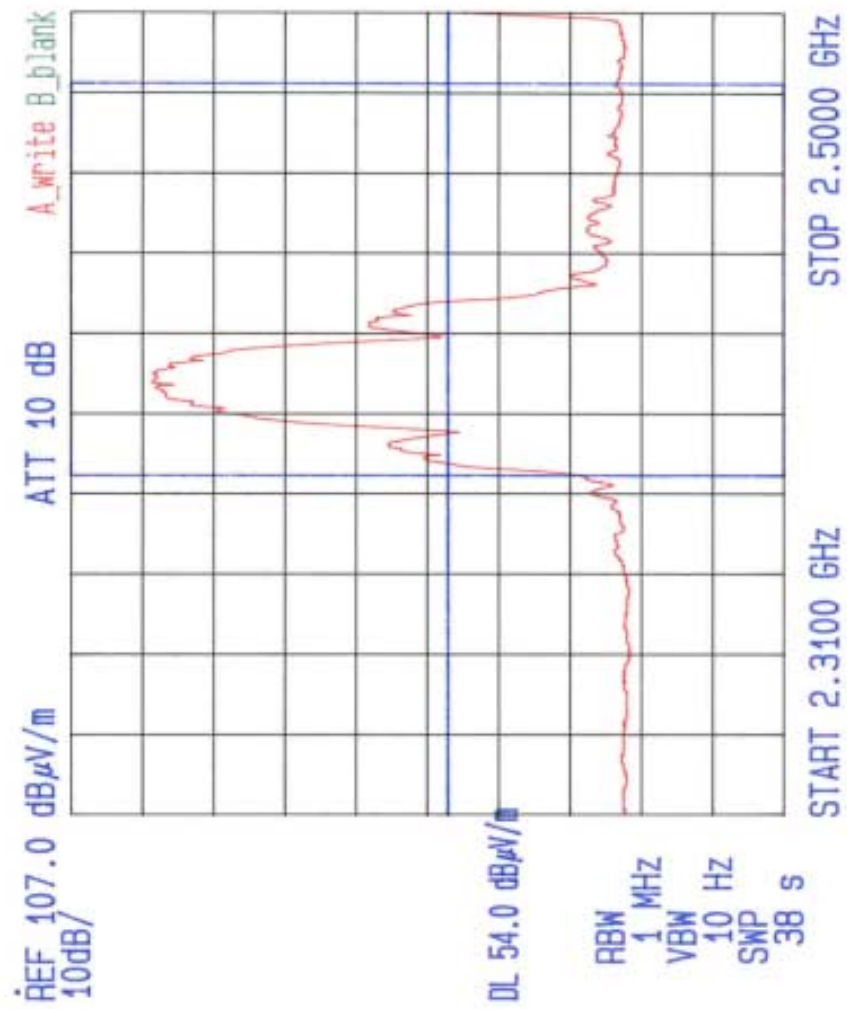


TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HI/POL: V
DETECTOR: AVERAGE	LINE UNDER TEST: LOW CHANNEL (11 Mbps)	EUT POSITION:
DATE: 5-24-01	TEST SITE: 3 METER	TESTER: <i>AB</i>

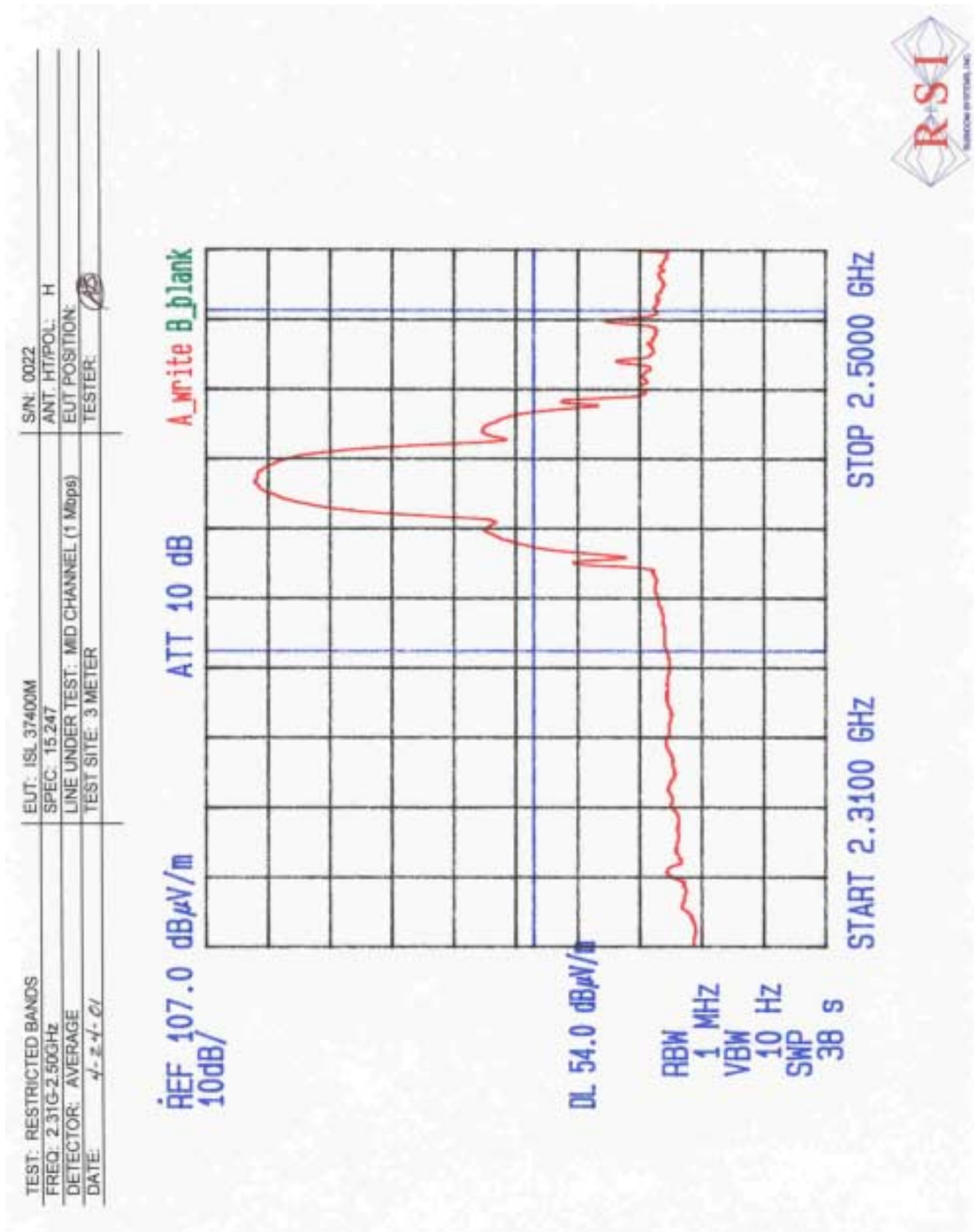




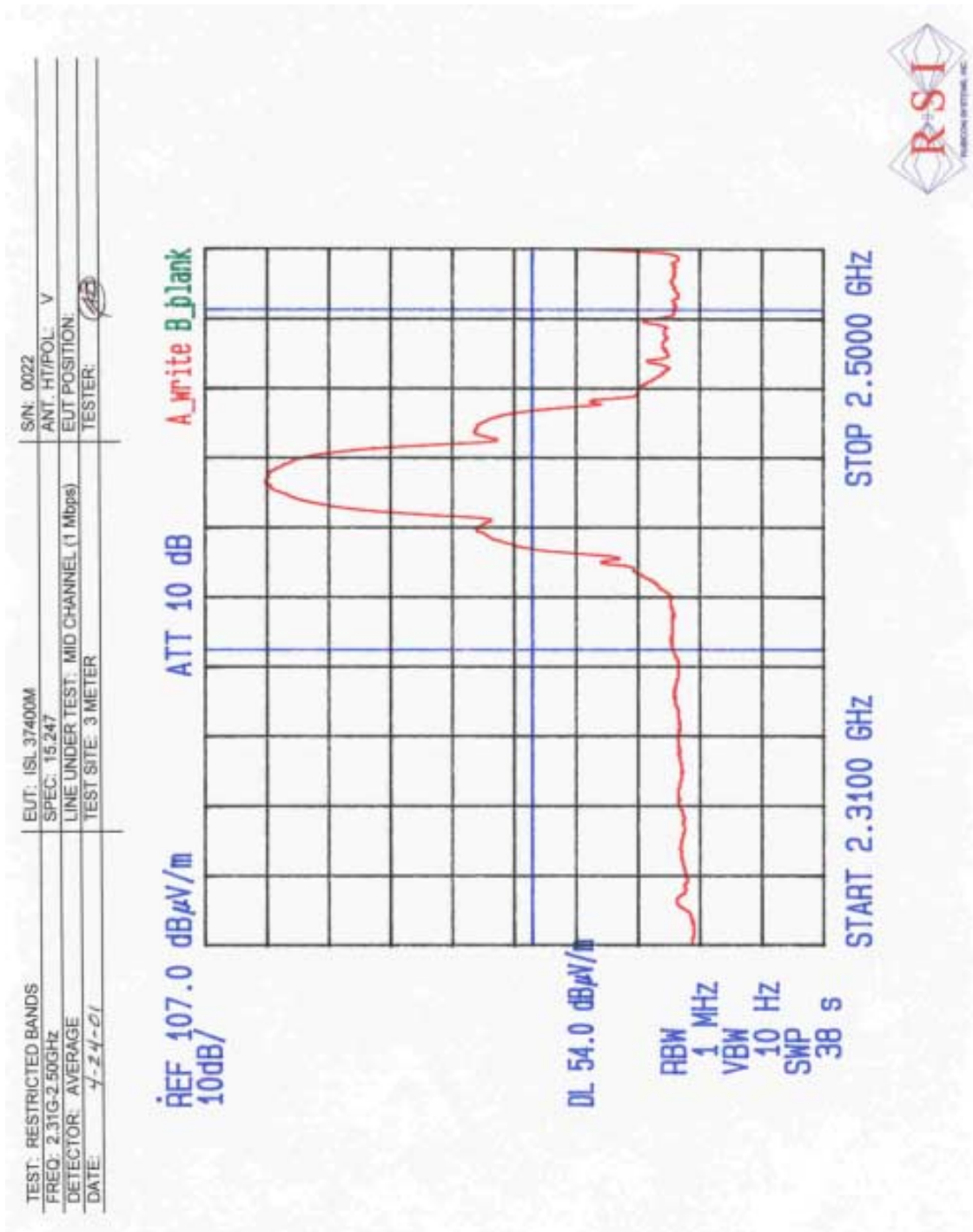
DATA SHEET 6.4.3-22



DATA SHEET 6.4.3-23



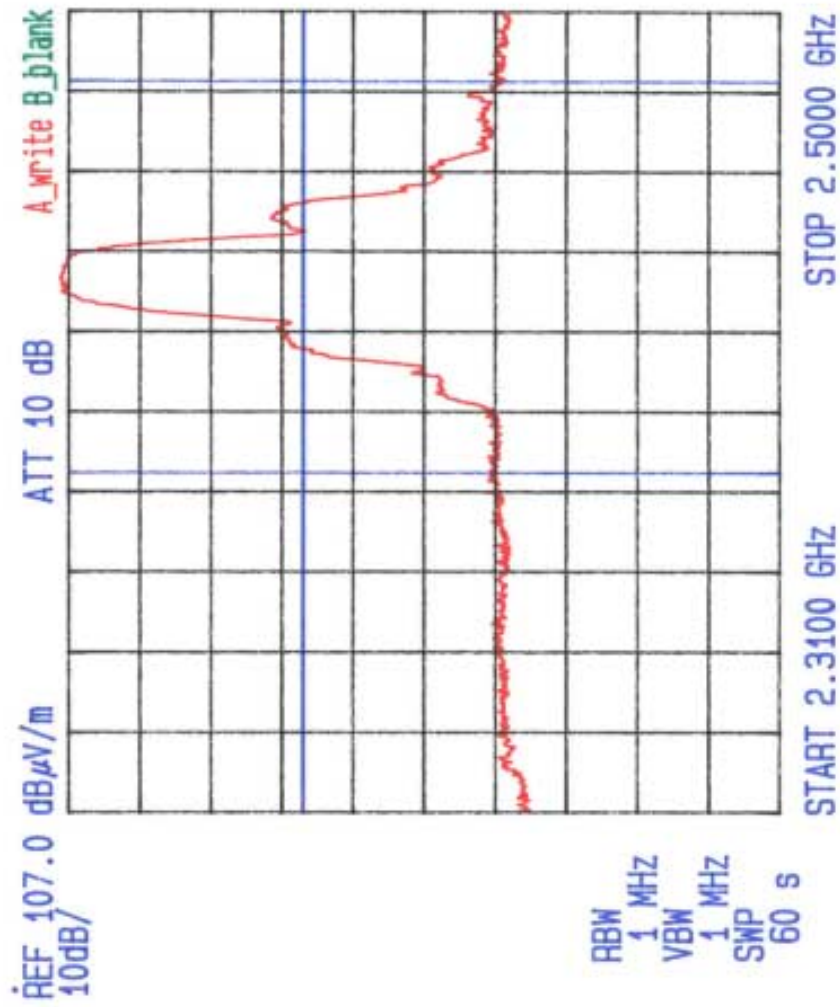
DATA SHEET 6.4.3-24



DATA SHEET 6.4.3-25



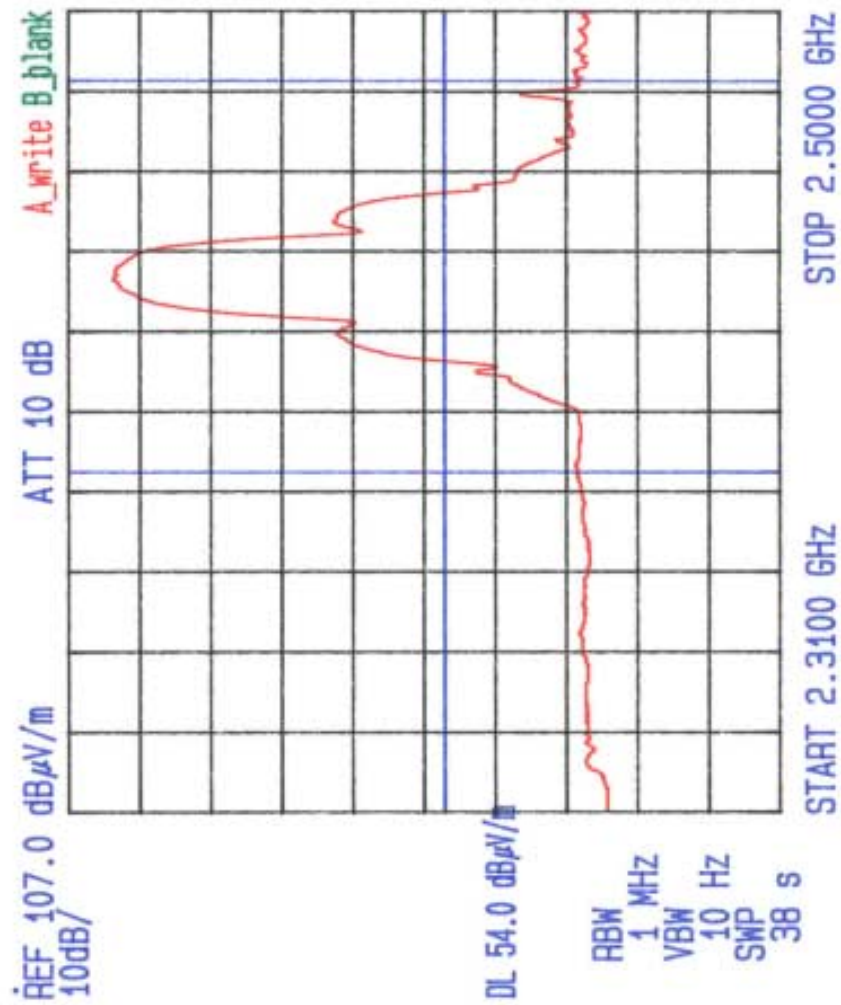
TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HT/POL: H
DETECTOR: PEAK	LINE UNDER TEST: MID CHANNEL (11 Mbps)	EUT POSITION:
DATE: 4-24-01	TEST SITE: 3 METER	TESTER: <i>AS</i>



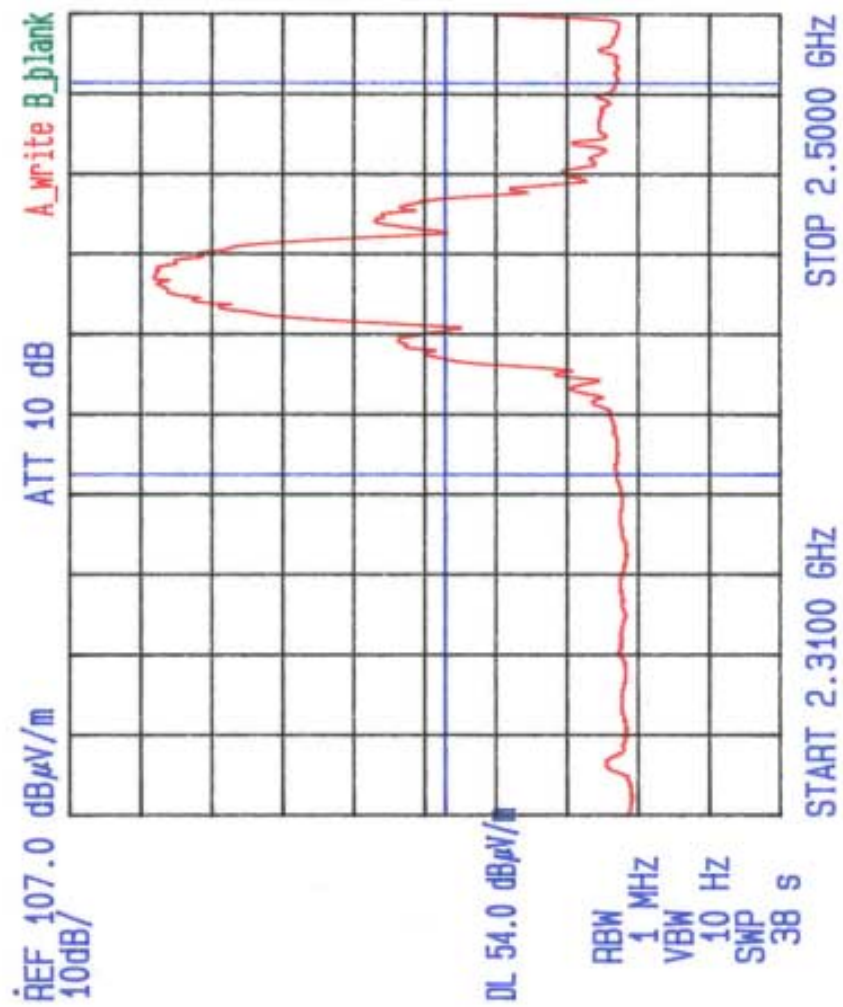


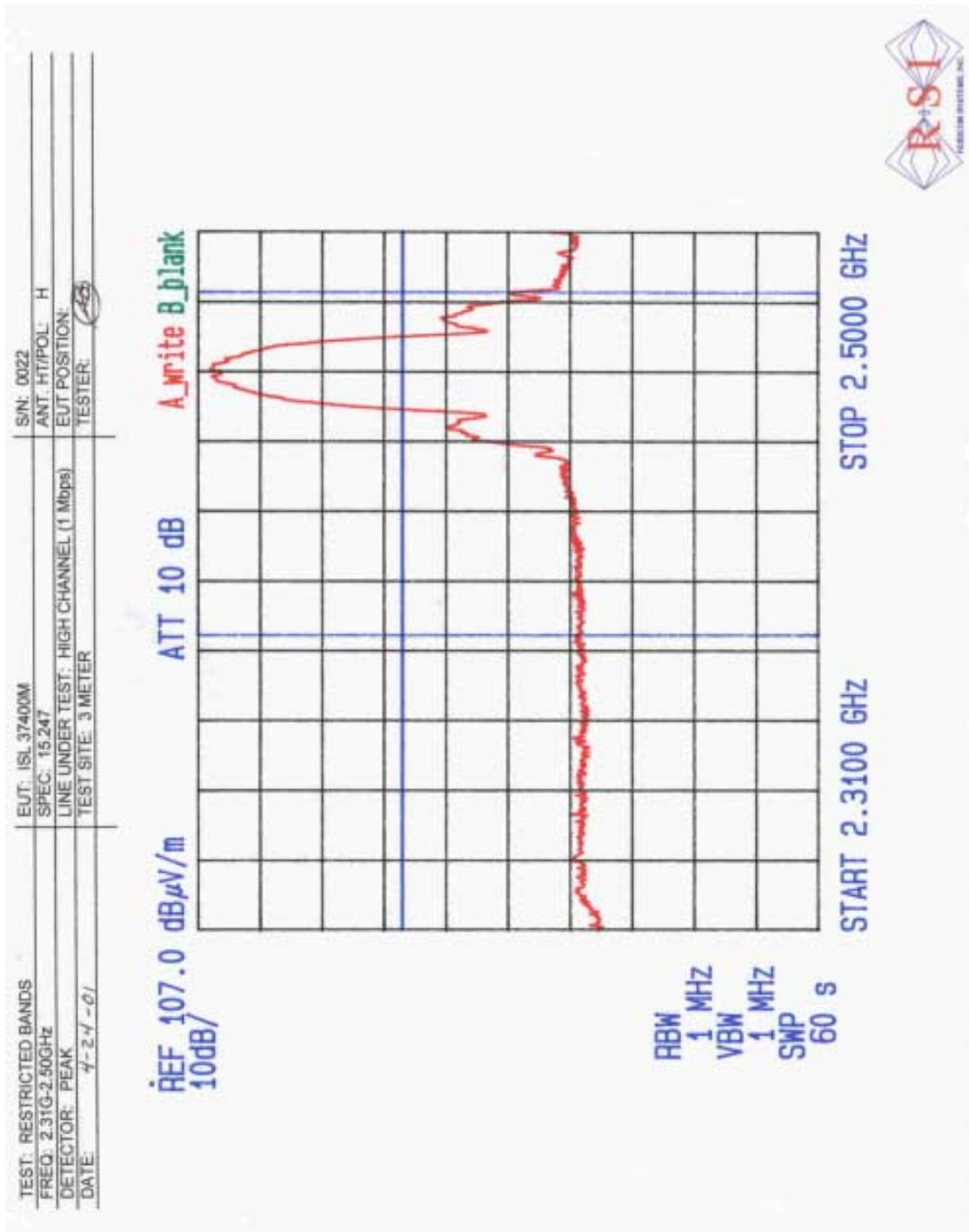
DATA SHEET 6.4.3-27

TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HI/POL: H
DETECTOR: AVERAGE	LINE UNDER TEST: MID CHANNEL (11 Mbps)	EUT POSITION:
DATE: 4-24-01	TEST SITE: 3 METER	TESTER: <i>[Signature]</i>



TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HT/POL: V
DETECTOR: AVERAGE	LINE UNDER TEST: MID CHANNEL (11 Mbps)	EUT POSITION:
DATE: 4-24-01	TEST SITE: 3 METER	TESTER: <i>AP</i>



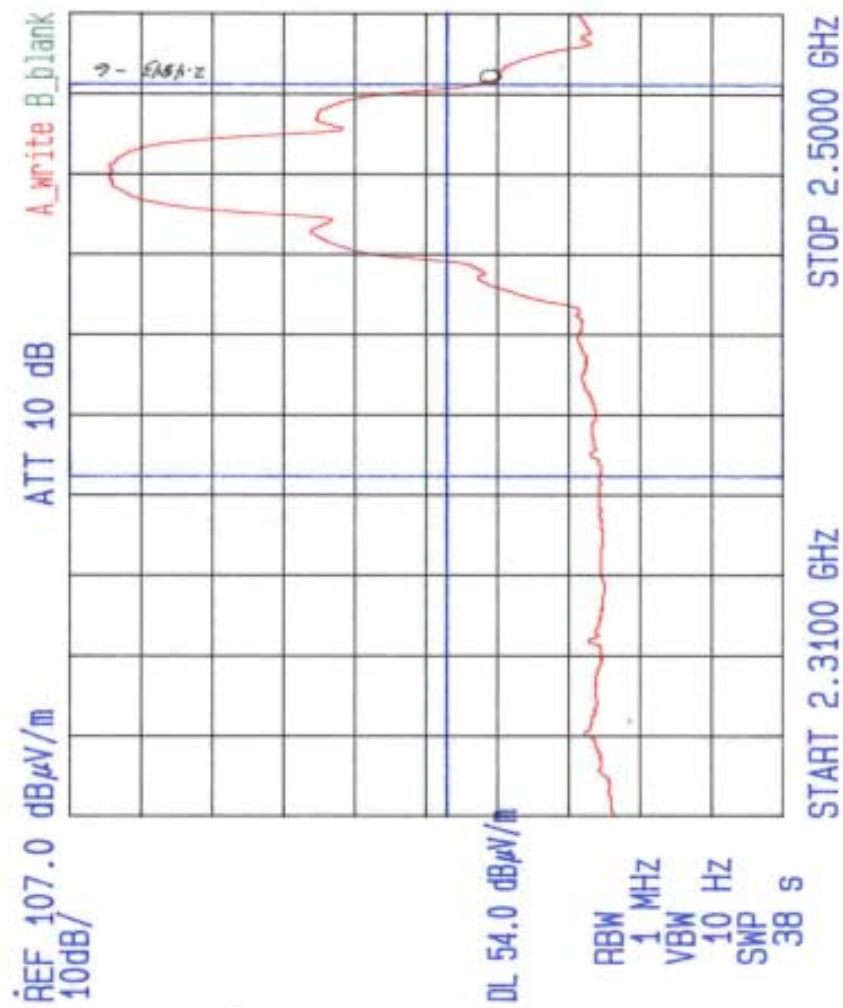


DATA SHEET 6.4.3-30

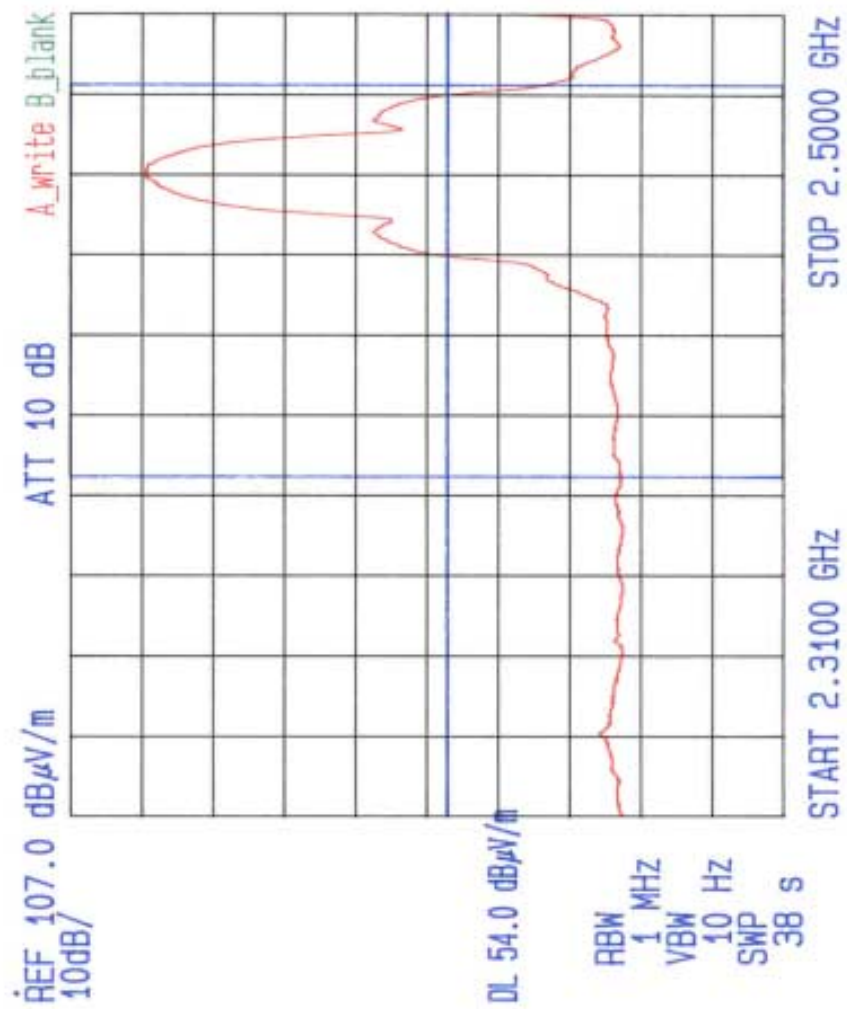


DATA SHEET 6.4.3-31

TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HT/POL: H
DETECTOR: AVERAGE	LINE UNDER TEST: HIGH CHANNEL (1 Mbps)	EUT POSITION:
DATE: 5-24-01	TEST SITE: 3 METER	TESTER: <i>[Signature]</i>

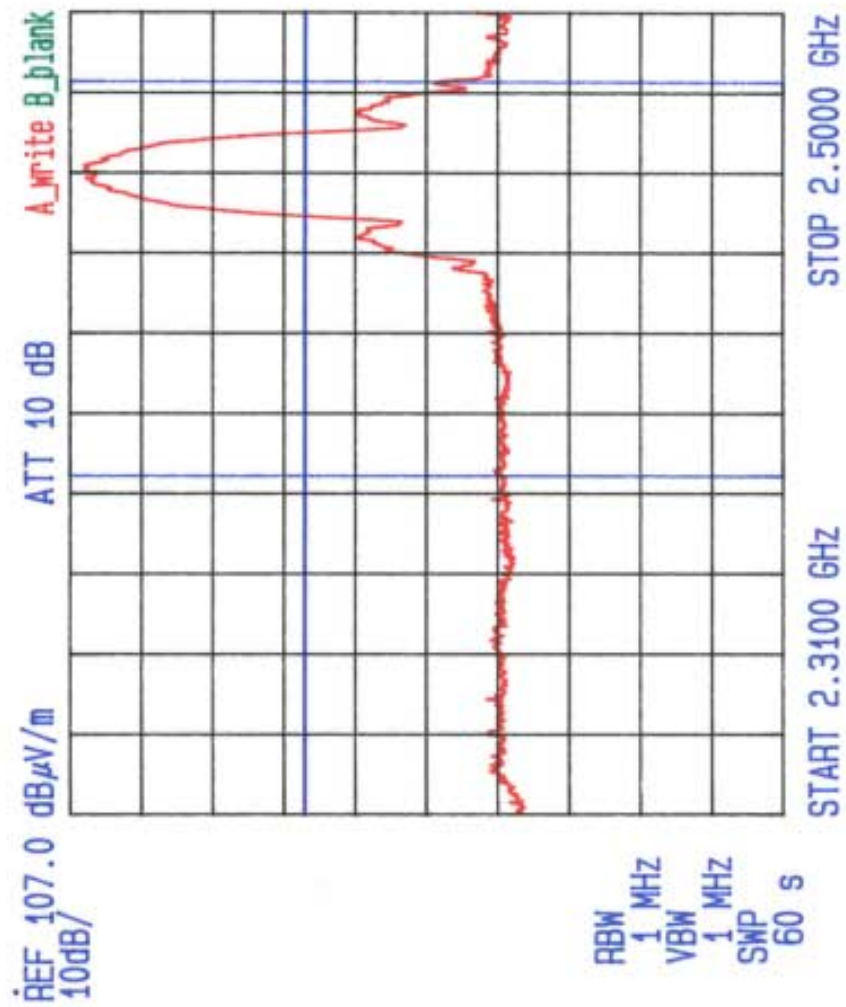


TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HI/POL: V
DETECTOR: AVERAGE	LINE UNDER TEST: HIGH CHANNEL (1 Mbps)	EUT POSITION:
DATE: 5-24-01	TEST SITE: 3 METER	TESTER: <i>(Signature)</i>





TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HT/POL: H
DETECTOR: PEAK	LINE UNDER TEST: HIGH CHANNEL (11 Mbps)	EUT POSITION:
DATE: 7-24-01	TEST SITE: 3 METER	TESTER: <i>[Signature]</i>

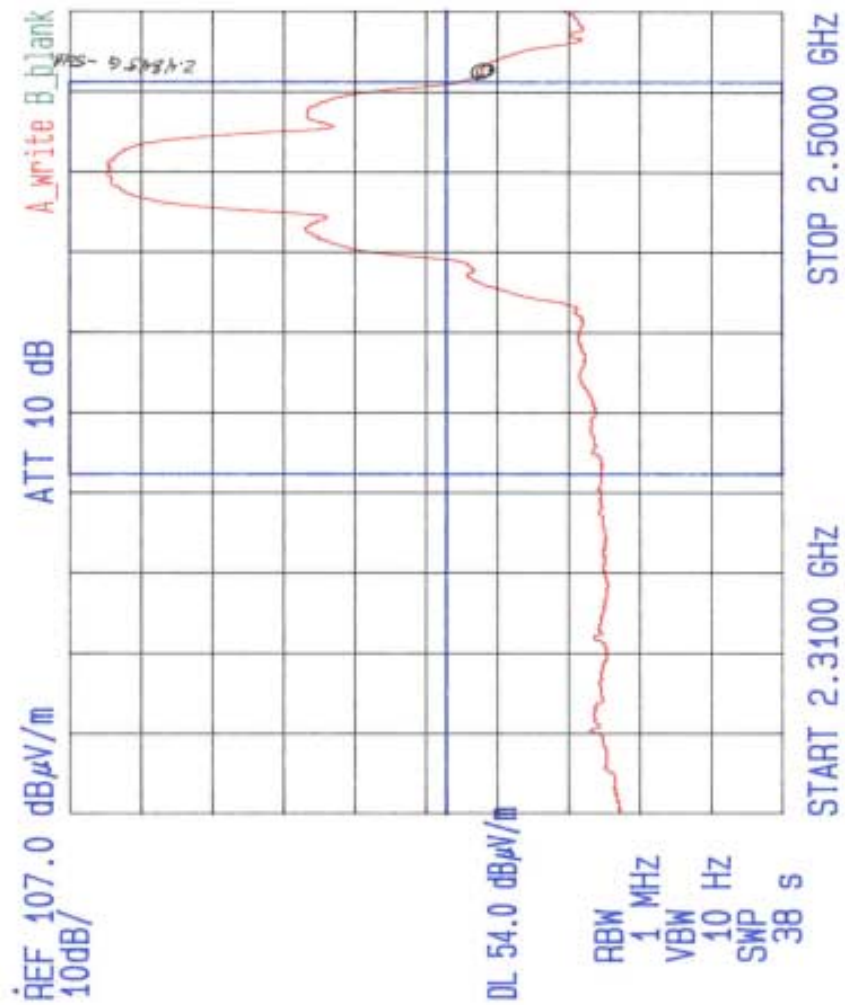


DATA SHEET 6.4.3-34



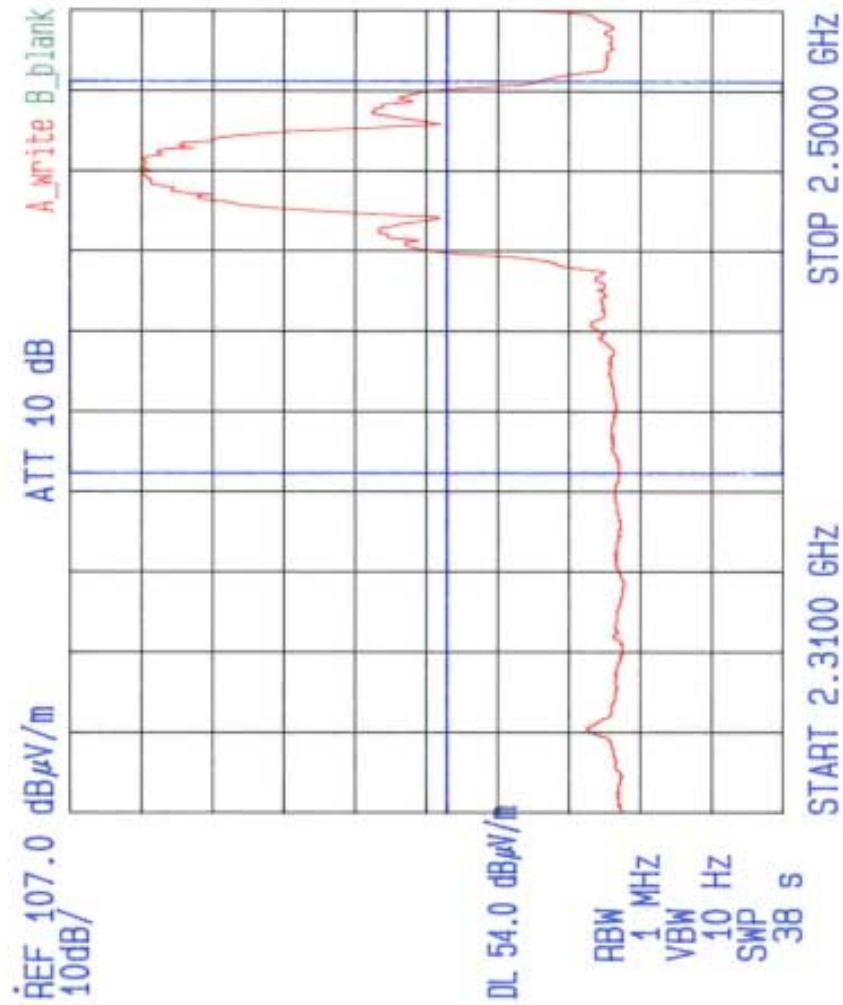
DATA SHEET 6.4.3-35

TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT HT/POL: H
DETECTOR: AVERAGE	LINE UNDER TEST: HIGH CHANNEL (11 Mbps)	EUT POSITION:
DATE: 5-24-01	TEST SITE: 3 METER	TESTER: <i>AB</i>





TEST: RESTRICTED BANDS	EUT: ISL 37400M	S/N: 0022
FREQ: 2.31G-2.50GHz	SPEC: 15.247	ANT. HT/POL: V
DETECTOR: AVERAGE	LINE UNDER TEST: HIGH CHANNEL (11 Mbps)	EUT POSITION:
DATE: 5-24-01	TEST SITE: 3 METER	TESTER: <i>AB</i>



DATA SHEET 6.4.3-37

6.4.4 Power Spectral Density 15.247(2)(d)

The transmit power density averaged over a 1 second interval shall not be greater than +8dBm in any 3KHz bandwidth within the band.

The peak point was selected after a Max hold was performed and the spectrum analyzer peak marker was positioned. The peak frequency was used as the center frequency. The RBW was set to 3KHz and the span width of 1.5MHz and sweep time of 500 seconds selected. Data Sheets 6.4.4-1 through 6.4.4-12 present the data plots for the three channels at the MIN and MAX data rates.

The results show the spectral density to be greater than 18dB below the +8dBm requirement.

Photo 5 is representative of this setup.

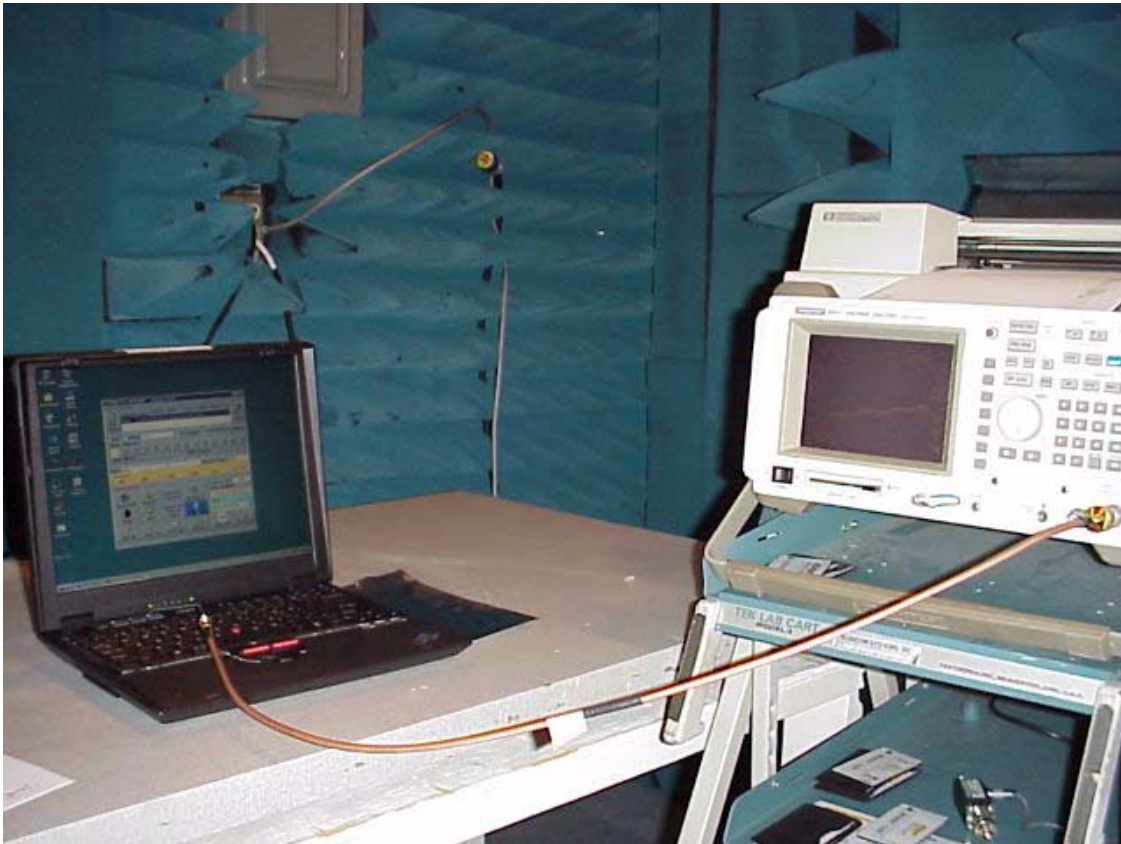
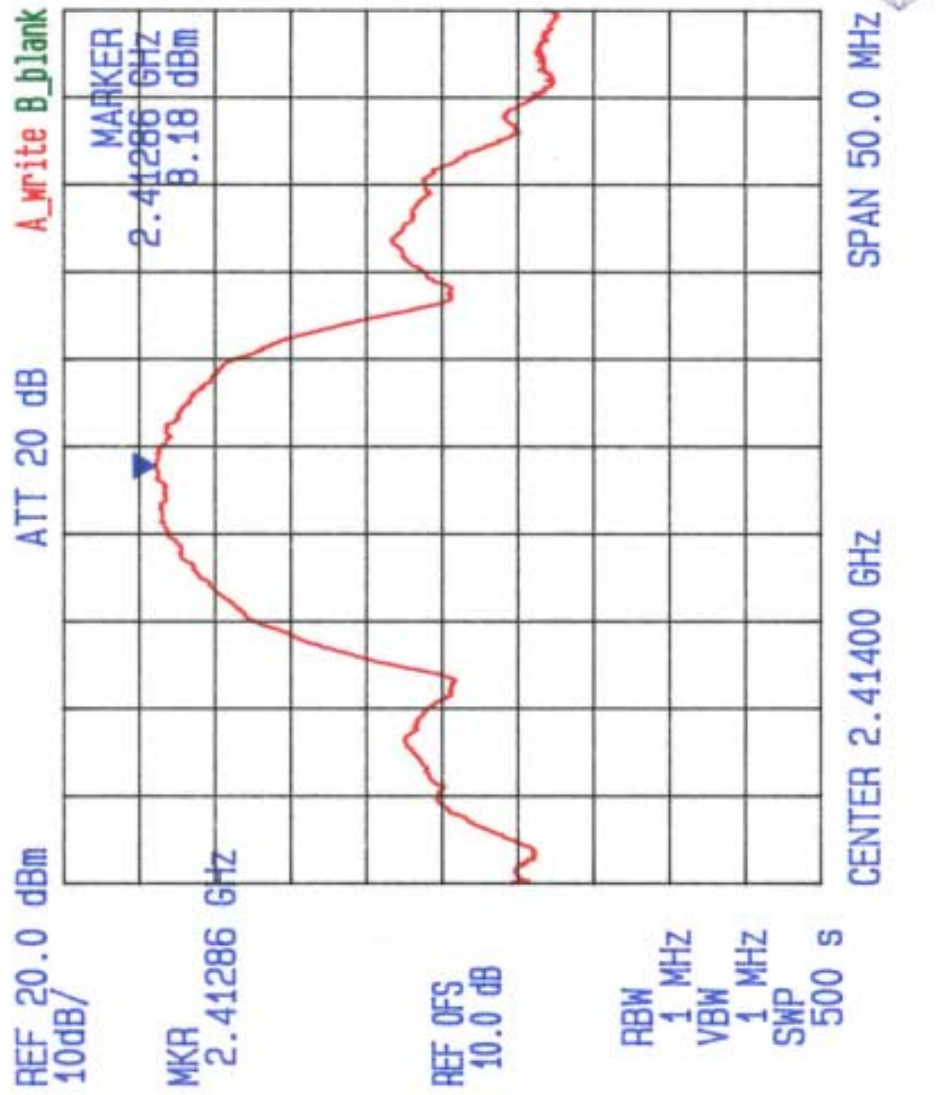
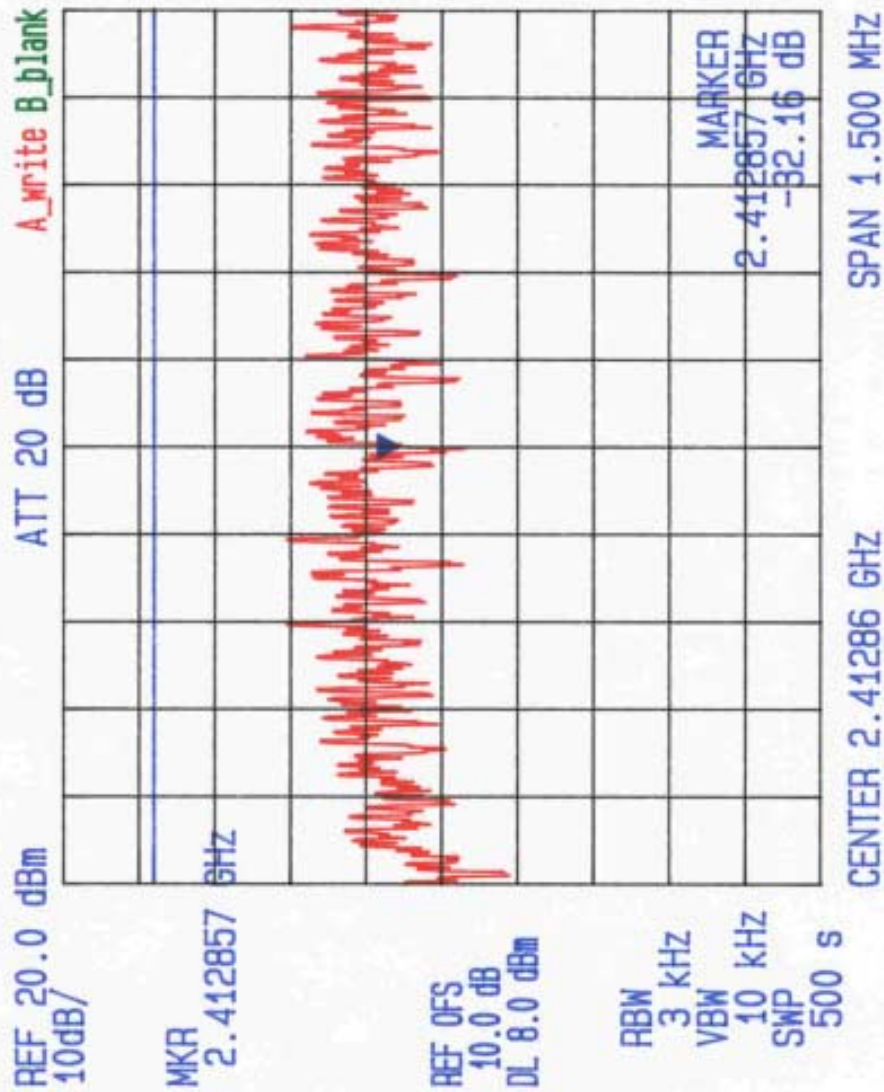


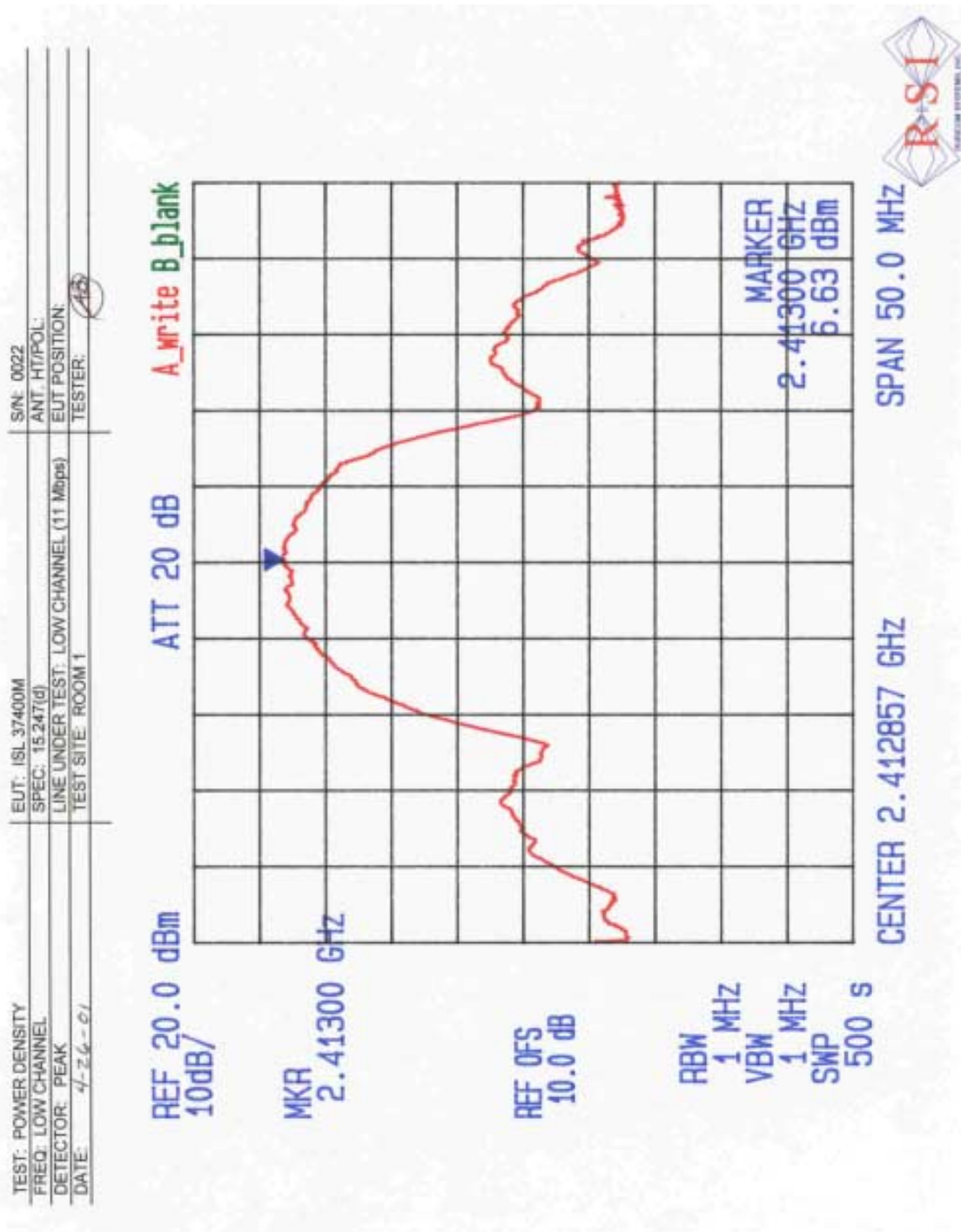
PHOTO 5

TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: LOW CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: LOW CHANNEL (1 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <i>(signature)</i>



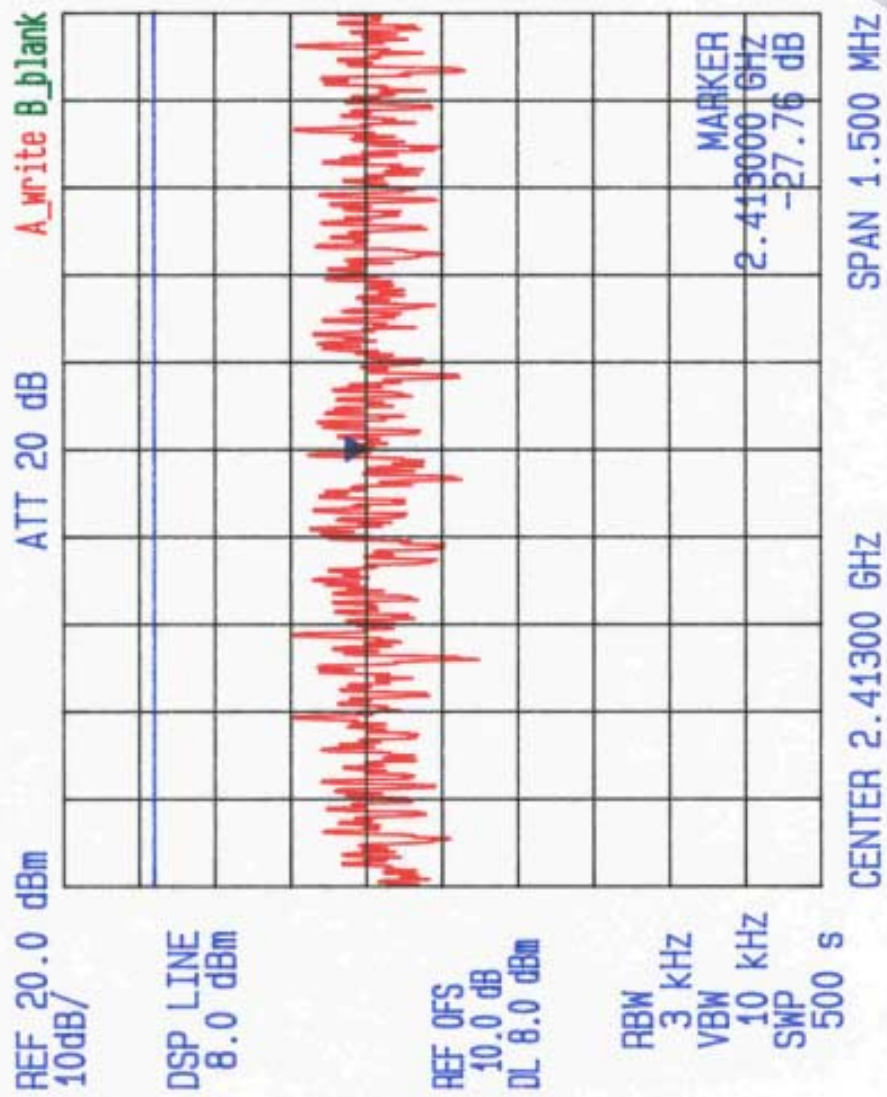
TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: LOW CHANNEL	SPEC: 15.247(d)	ANT: HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: LOW CHANNEL (1 Mbps)	EUT POSITION:
DATE: 9-24-01	TEST SITE: ROOM 1	TESTER: <i>AB</i>





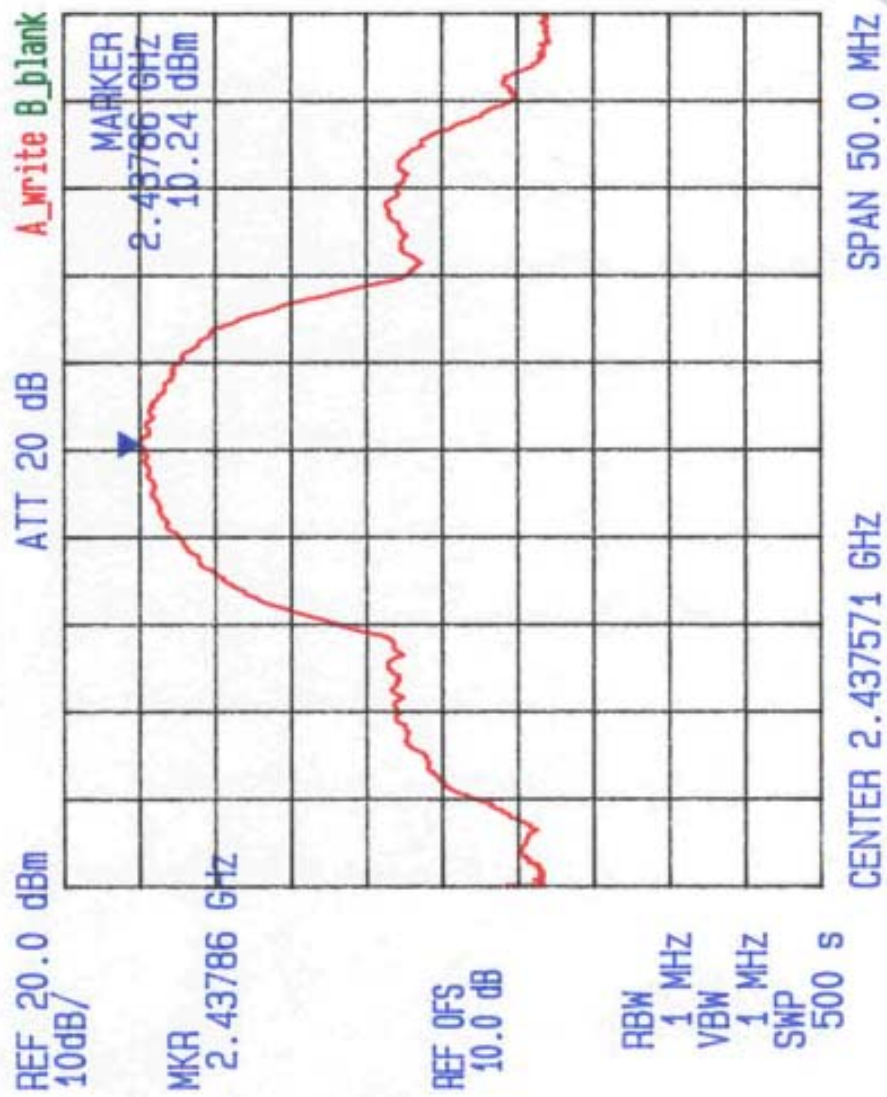
DATA SHEET 6.4.4-3

TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: LOW CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: LOW CHANNEL (11 Mbps)	EUT POSITION:
DATE: 11-24-01	TEST SITE: ROOM 1	TESTER: <i>ES</i>

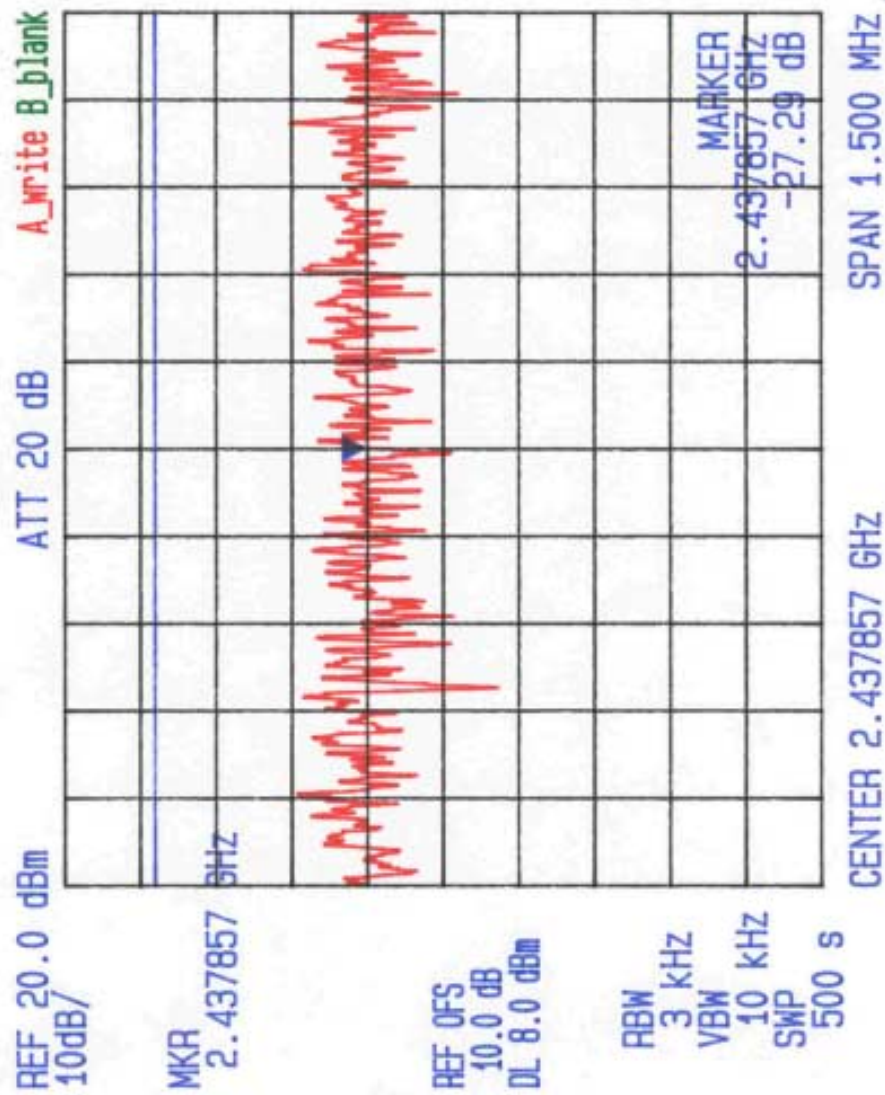


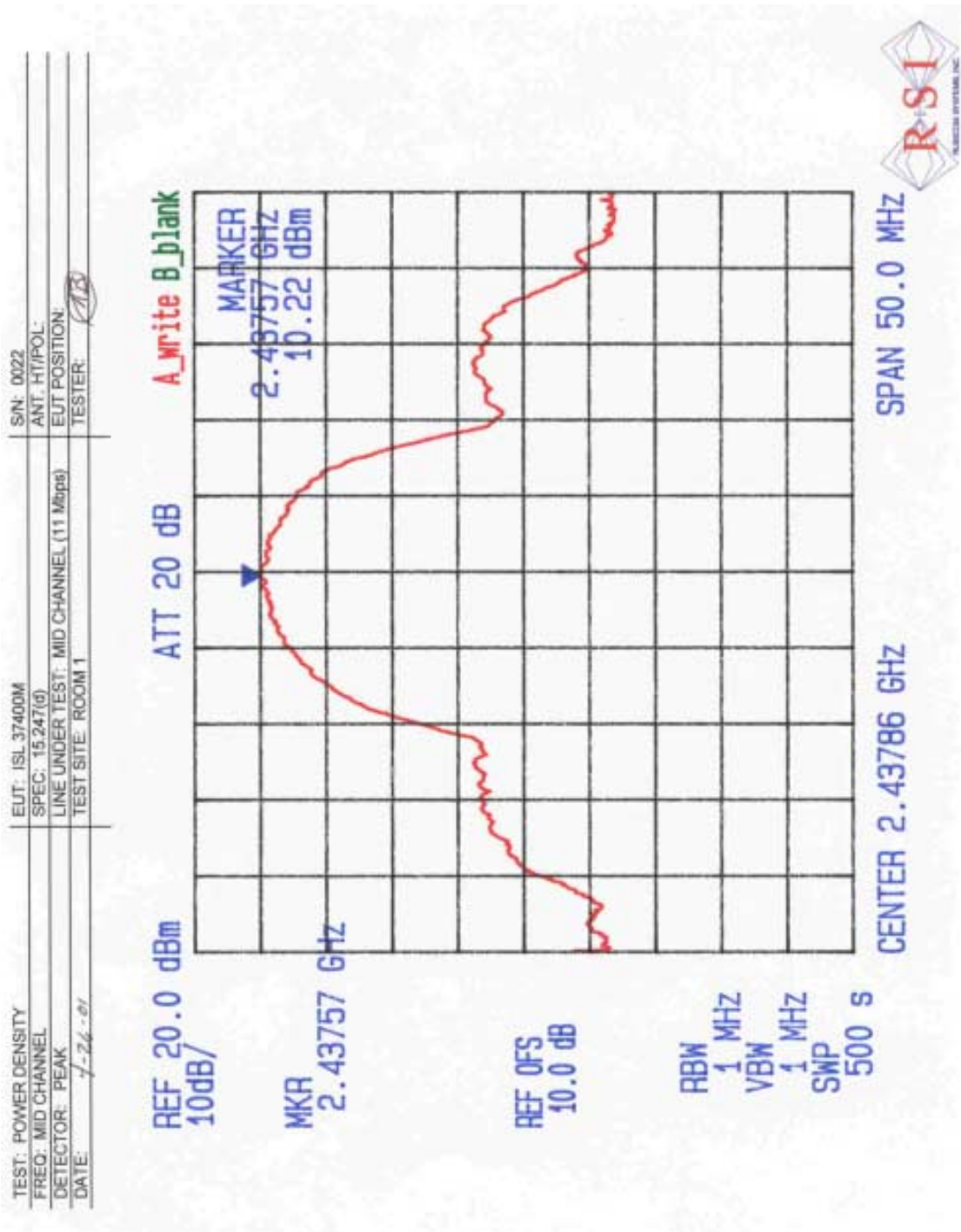
DATA SHEET 6.4.4-4

TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: MID CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: MID CHANNEL (1 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <i>AB</i>



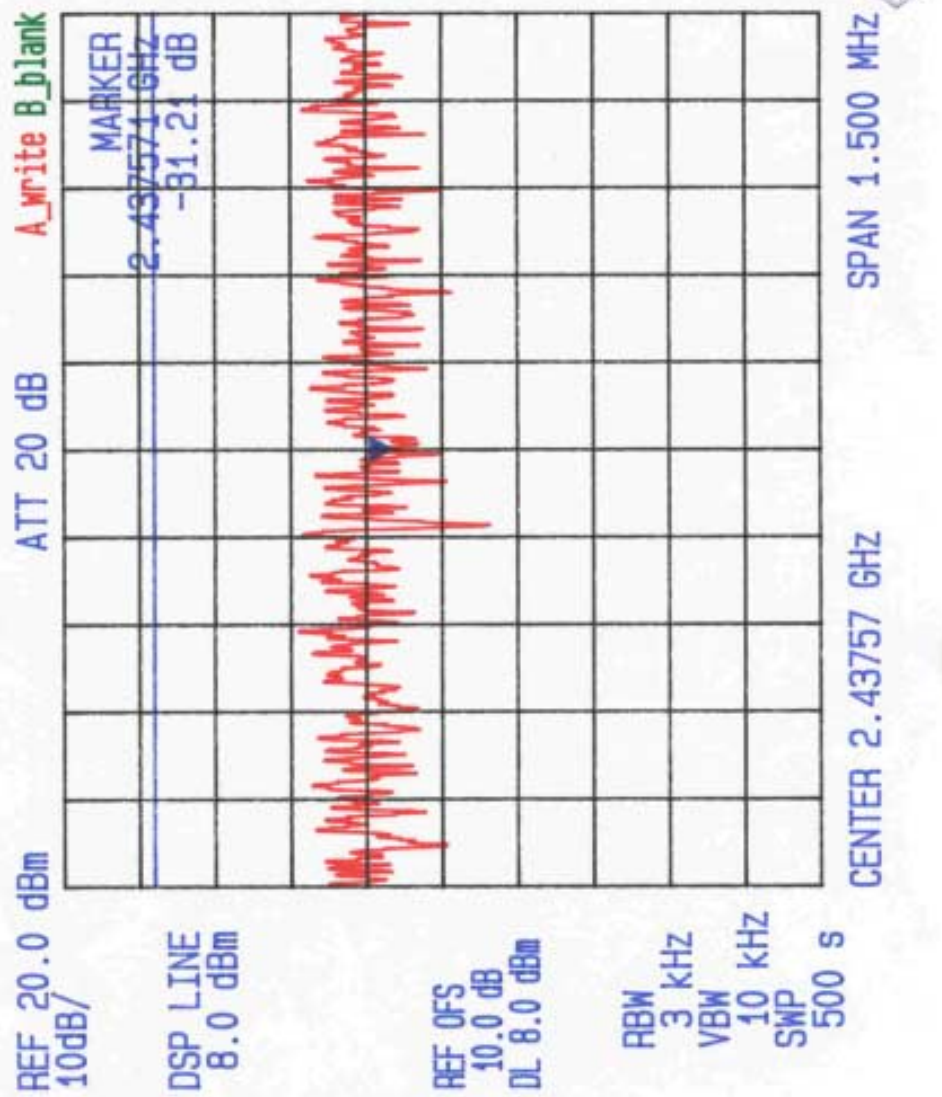
TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: MID CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: MID CHANNEL (1 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <u>AS</u>





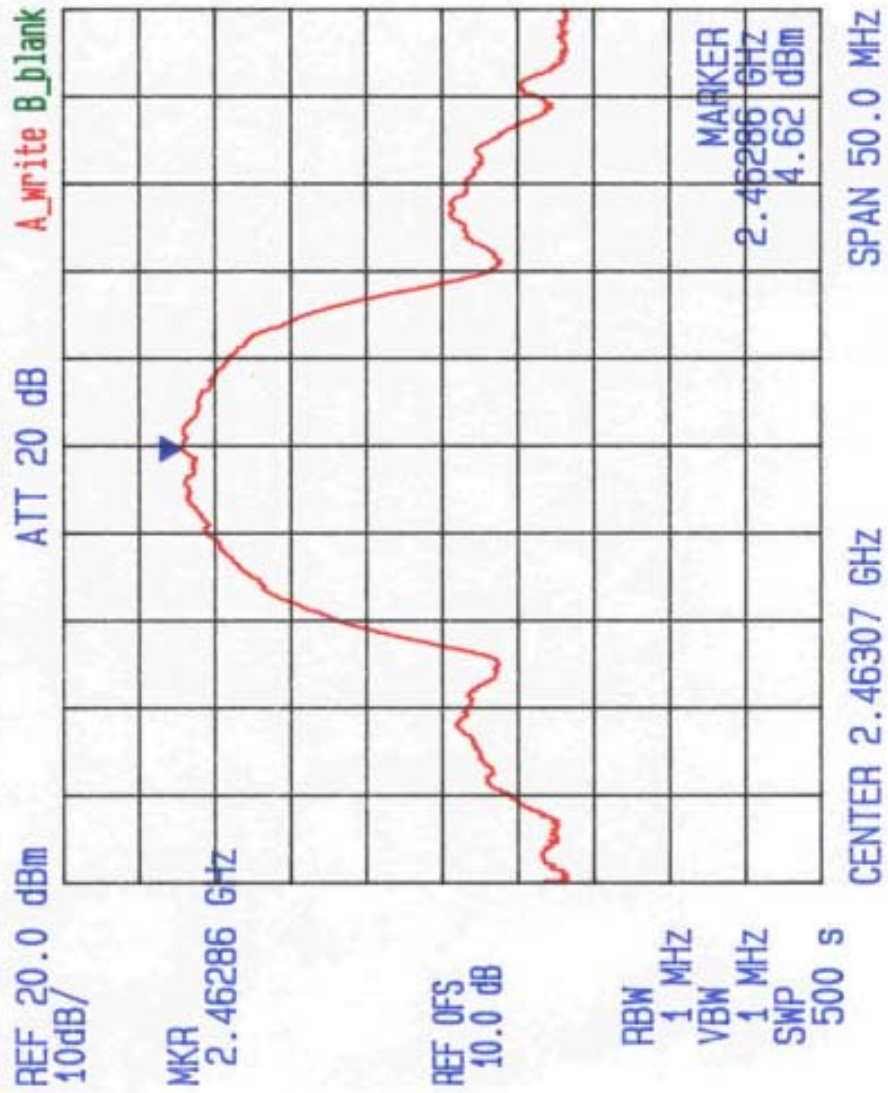
DATA SHEET 6.4.4-7

TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: MID CHANNEL	SPEC: 15.247(d)	ANT: HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: MID CHANNEL (11 Mbps)	EUT POSITION:
DATE: 4-26-04	TEST SITE: ROOM 1	TESTER: <i>AB</i>

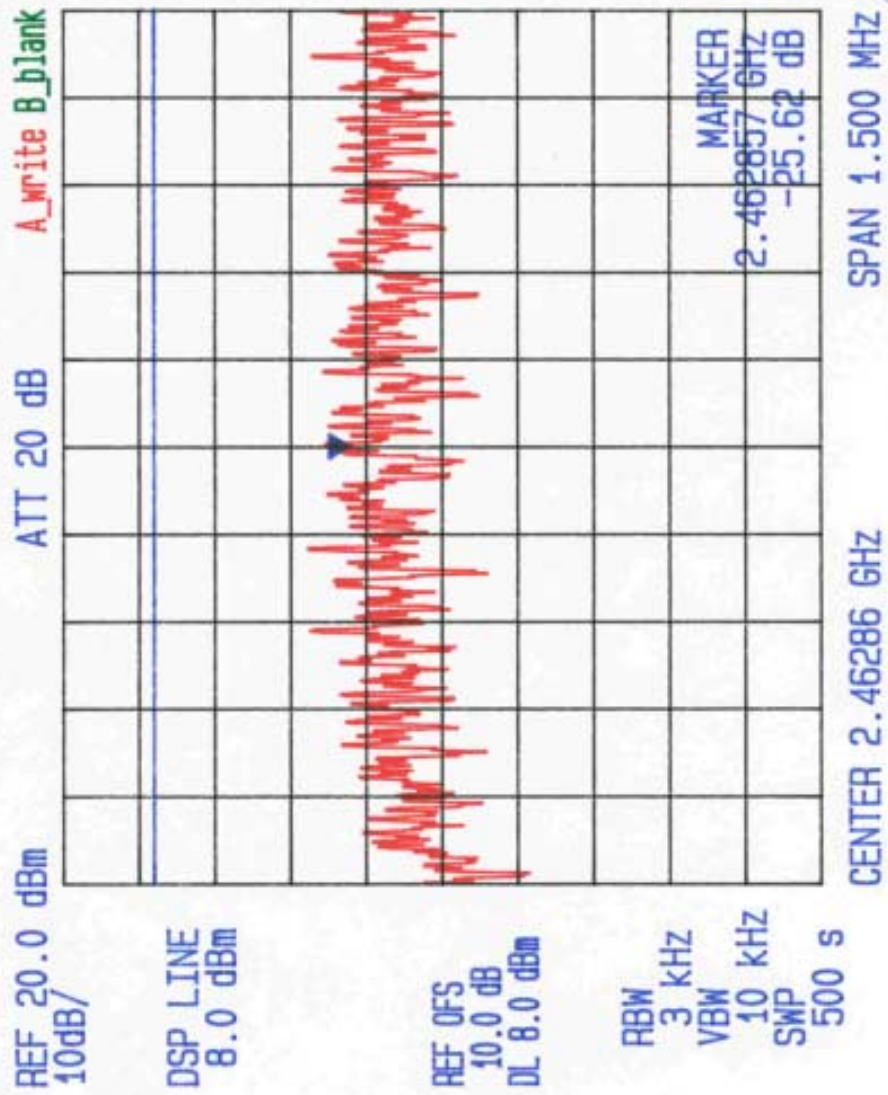


DATA SHEET 6.4.4-8

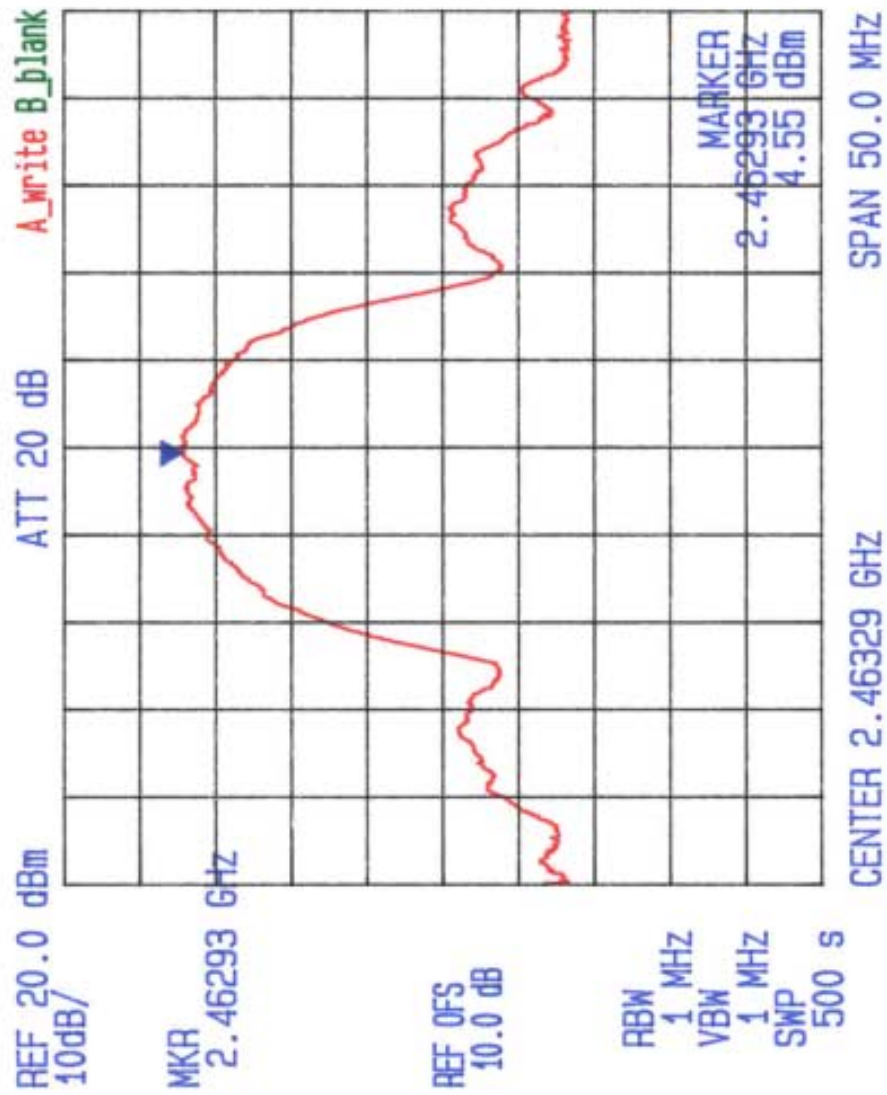
TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: HIGH CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: HIGH CHANNEL (1 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <i>AB</i>

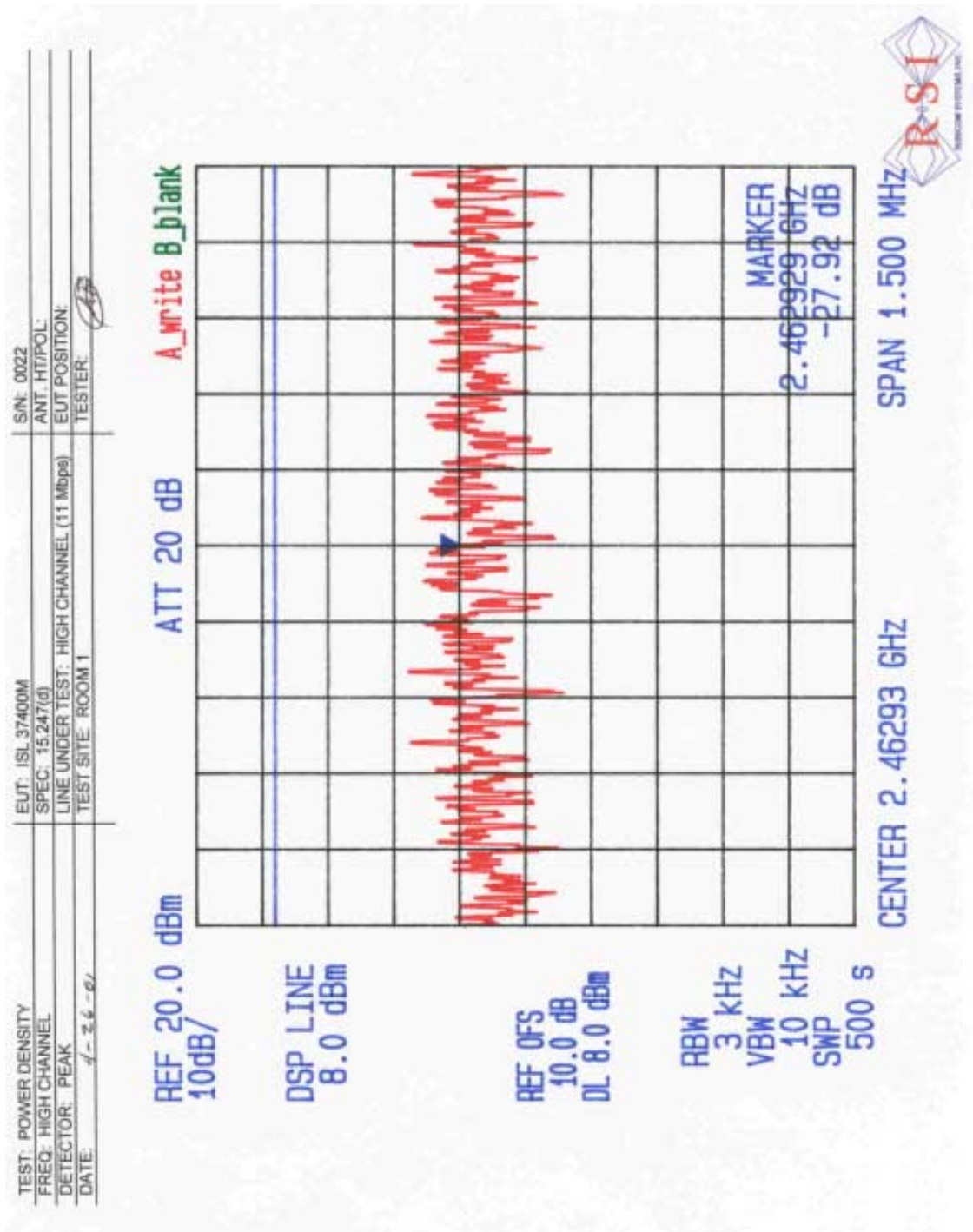


TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: HIGH CHANNEL	SPEC: 15.247(d)	ANT. HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: HIGH CHANNEL (1 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <i>AKS</i>



TEST: POWER DENSITY	EUT: ISL 37400M	S/N: 0022
FREQ: HIGH CHANNEL	SPEC: 15.247(d)	ANT: HT/POL:
DETECTOR: PEAK	LINE UNDER TEST: HIGH CHANNEL (11 Mbps)	EUT POSITION:
DATE: 4-26-01	TEST SITE: ROOM 1	TESTER: <i>(Signature)</i>





DATA SHEET 6.4.4-12

APPNEIDX A
COMPLIANCE LETTER