

Question # 1: Frequency Range

Low Frequency = 2.412 GHz

Mid Frequency = 2.440 GHz

High Frequency = 2.465 GHz

Question #2: Max Output Power

Low Frequency = 5.1dBm

Mid Frequency = 5.0dBm

High Frequency = 2.3dBm

Output power measured with HP Power Meter 437B (S/N 2949A026) CAL DATE: May 2001

Question #3: List of Antennas and Output Power

1. Pacific Wireless, M/N PMANT25-HD-PF1 Gain 24dBi
2. M/A-Com, M/N ANAD-159W-A-10-SM Gain 16dBi
3. M/A-Com, M/N ANCC-156A-S-12-NM Gain 7dBi
4. MAXRAD, M/N MFB24006 Gain 6dBi
5. MAXRAD, M/N MFB24008 Gain 8dBi
6. MAXRAD, M/N MFB24010 Gain 10dBi

QUESTION 6: Theoretical Process Gain

The theoretical process gain is 10.4dB (minimum).

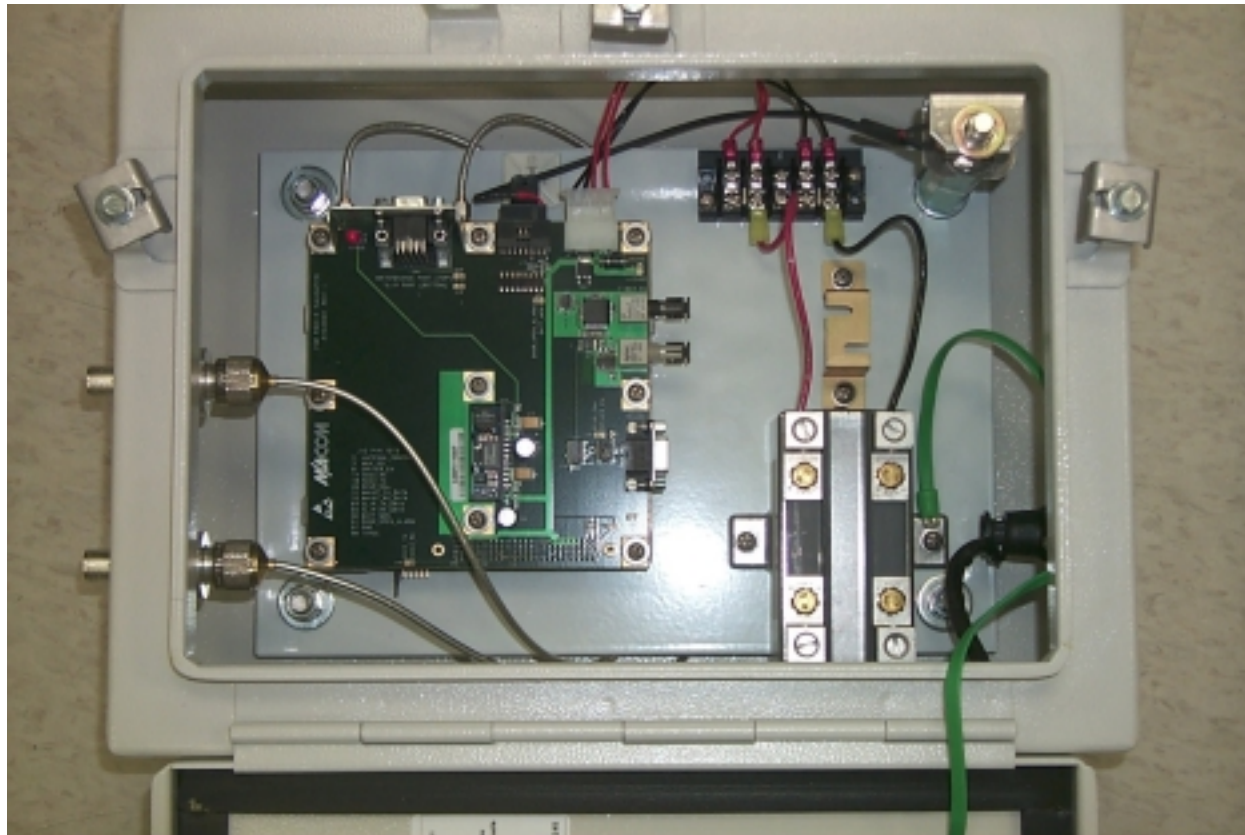
Data rate is 1Mbps.

Sequence length is 11 – 15 chips (software configurable).

The spread spectrum chip manufacturer is Intersil (formerly Harris).

Question 7: Internal photos' of both sides of all circuit boards without shielding.

ISM RADIO IN ENCLOSURE



QUESTION 8: Radiated E Field Emissions Measurements Restricted Band

RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND 2483.5 – 2500 MHz

CUSTOMER: M/A-COM

EQUIPMENT: OPENSky ISM RADIO WITH
Pacific Wireless PMANT25-HD-PF1

TESTED BY: ROBERT FOSTER

OPERATING MODE: RECEIVE MODE

BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

FREQUENCY RANGE: 2483.5 – 2500 MHz

DATE: JUNE 5, 2001

TEST NUMBER: 1

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND 2483.5 – 2500 MHz

CUSTOMER: M/A-COM

EQUIPMENT: OPENSky ISM RADIO WITH
M/A-Com, M/N ANAD-159W-A-10-SM

TESTED BY: ROBERT FOSTER

OPERATING MODE: RECEIVE MODE

BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

FREQUENCY RANGE: 2483.5 – 2500 MHz

DATE: JUNE 5, 2001

TEST NUMBER: 1

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

**RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz**

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
M/A-Com ANCC-156A-S-12-NM**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: RECEIVE MODE

TEST SPEC: FCC PART 15 SUBPART B CLASS B

**BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK**

PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

FORM CTS-DS-001R

**RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz**

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24006**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: RECEIVE MODE

TEST SPEC: FCC PART 15 SUBPART B CLASS B

**BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK**

PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

FORM CTS-DS-001R
RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz

CUSTOMER: M/A-COM
EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24008
TESTED BY: ROBERT FOSTER
OPERATING MODE: RECEIVE MODE
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK
FREQUENCY RANGE: 2483.5 – 2500 MHz

DATE: JUNE 5, 2001
TEST NUMBER: 1

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz

CUSTOMER: M/A-COM
EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24010
TESTED BY: ROBERT FOSTER
OPERATING MODE: RECEIVE MODE
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK
FREQUENCY RANGE: 2483.5 – 2500 MHz

DATE: JUNE 5, 2001
TEST NUMBER: 1

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

QUESTION 9: Information on Repeater

Signals from valid sources are encoded. Only properly encoded incoming signals are re-transmitted.

FCC Identifiers for the transmitters that the device is used with when in the repeater mode are: BV8MCS800A025 and BV8MTT800A025.,

FORM CTS-DS-001R

3.1.6 Photographic Documentation

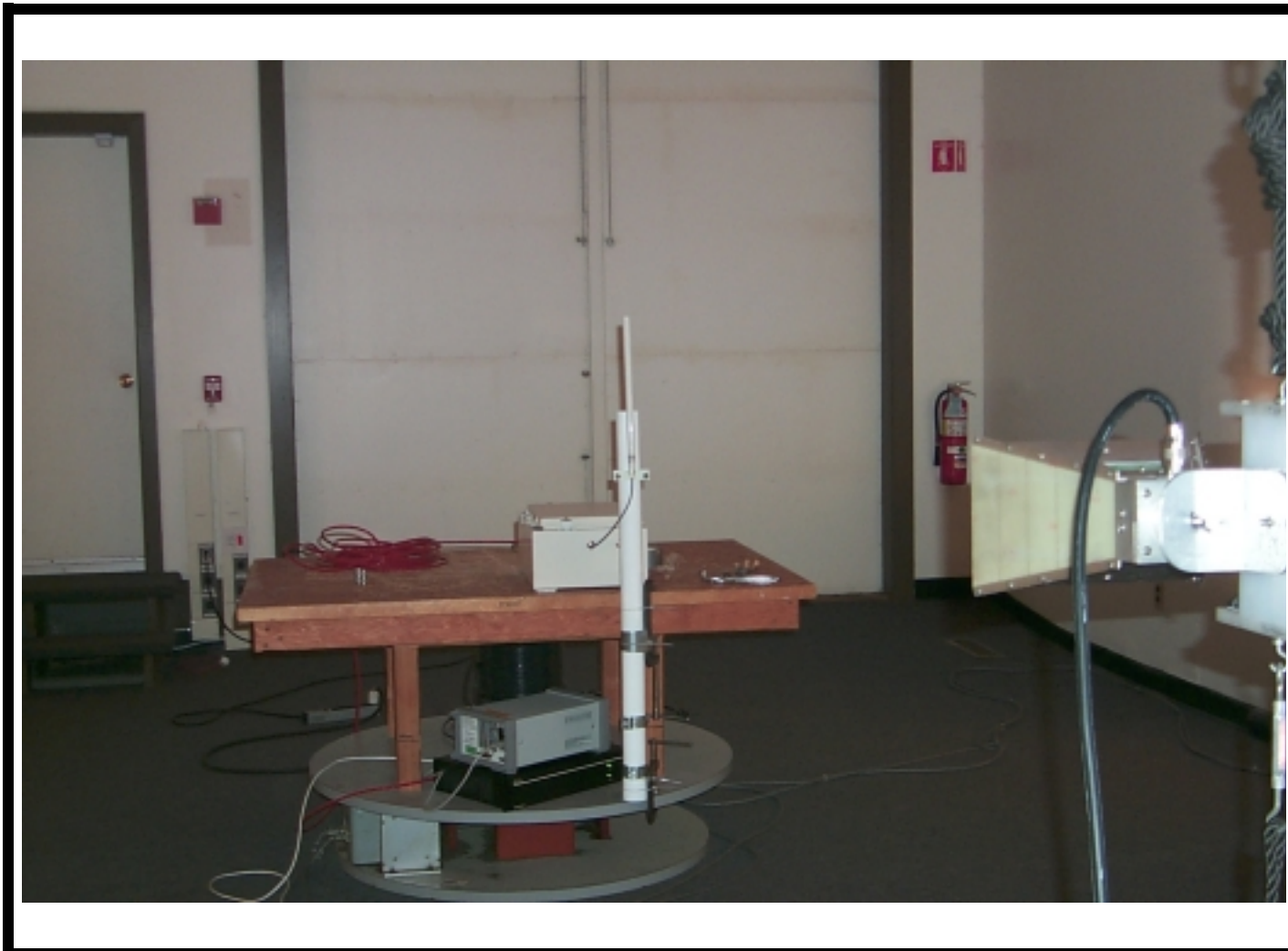
CUSTOMER: M/A-COM

EQUIPMENT: OPENSky ISM RADIO

TESTED BY: ROBERT FOSTER

DATE: 06/05/01

TEST NUMBER: 1



Photograph Description: Radiated set-up

FORM CTS-PHOTO

Question #4: MPE Requirement

The M/A Com ISM Radio and all six antenna options is fully compliant with the MPE requirements for the general public. The ISM Radio has an external antenna that is mounted on top of a antenna tower occupational users and the general public will find is difficult to get with in three meters of the antenna. The field density from the antenna at three meters can be calculated as follows:

For worst case antenna with a gain of 24dBi

$$S = EIRP / 4\pi r^2$$

$$S = \text{mW/cm}^2$$

EIRP = mW measured at three meters

r = distance from source

$$S = 42 / 113 = 0.37 \text{mW/cm}^2$$

The ISM Radio is fully compliant with the MPE requirement for the general public of 1mW/cm².

QUESTION 5: Process Gain Measurements

**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

Frequency Offset (kHz)	Jammer/Signal Ratio (dB)	Processing Gain (dB)		
-8500	5.0	17.3		
-8450	4.9	17.2		
-8400	4.9	17.2		
-8350	4.8	17.1		
-8300	4.8	17.1		
-8250	4.7	17.0		
-8200	4.6	16.9		
-8150	4.3	16.6		
-8100	4.0	16.3		
-8050	3.9	16.2		
-8000	3.6	15.9		
-7950	3.5	15.8		
-7900	3.4	15.7		
-7850	3.4	15.7		
-7800	3.6	15.9		
-7750	3.7	16.0		
-7700	4.0	16.3		
-7650	4.1	16.4		
-7600	4.1	16.4		
-7550	4.1	16.4		
-7500	4.1	16.4		
-7450	3.9	16.2		
-7400	3.9	16.2		
-7350	3.7	16.0		
-7300	3.7	16.0		
-7250	3.6	15.9		
-7200	2.8	15.1		
-7150	2.7	15.0		
-7100	2.7	15.0		
-7050	2.8	15.1		
-7000	2.8	15.1		
-6950	2.8	15.1		
-6900	3.5	15.8		
-6850	3.5	15.8		
-6800	3.6	15.9		
-6750	3.6	15.9		
-6700	3.6	15.9		
-6650	3.6	15.9		
-6600	3.5	15.8		
-6550	3.4	15.7		
-6500	3.2	15.5		
-6450	3.0	15.3		
-6400	2.8	15.1		
-6350	2.7	15.0		

Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

Frequency	Jammer/Signal	Processing		
Offset (kHz)	Ratio (dB)	Gain (dB)		
-8500	3.5	15.8		
-8450	3.5	15.8		
-8400	3.4	15.7		
-8350	3.4	15.7		
-8300	3.4	15.7		
-8250	3.3	15.6		
-8200	3.2	15.5		
-8150	3.0	15.3		
-8100	2.8	15.1		
-8050	2.6	14.9		
-8000	2.4	14.7		
-7950	2.2	14.5		
-7900	2.0	14.3		
-7850	2.1	14.4		
-7800	2.2	14.5		
-7750	2.4	14.7		
-7700	2.7	15.0		
-7650	2.9	15.2		
-7600	3.1	15.4		
-7550	3.2	15.5		
-7500	3.1	15.4		
-7450	3.0	15.3		
-7400	2.8	15.1		
-7350	2.6	14.9		
-7300	2.3	14.6		
-7250	2.1	14.4		
-7200	1.9	14.2		
-7150	1.8	14.1		
-7100	1.7	14.0		
-7050	1.8	14.1		
-7000	2.0	14.3		
-6950	2.2	14.5		
-6900	2.4	14.7		
-6850	2.6	14.9		
-6800	2.7	15.0		
-6750	2.8	15.1		
-6700	2.8	15.1		
-6650	2.7	15.0		
-6600	2.5	14.8		
-6550	2.2	14.5		
-6500	2.0	14.3		
-6450	1.7	14.0		
-6400	1.4	13.7		
-6350	1.3	13.6		

Test - CH6

Richard Abrahams

	GE-Harris		Harris PRISM S/N 8A	
Frequency Offset (kHz)	Jammer/Signal Ratio (dB)	Processing Gain (dB)	Jammer/Signal Ratio (dB)	Processing Gain (dB)
-8500	-0.3	12.0	9.2	21.5
-8450	-0.1	12.2	8.9	21.2
-8400	-0.1	12.2	8.8	21.1
-8350	-0.1	12.2	8.5	20.8
-8300	-0.1	12.2	8.5	20.8
-8250	-0.1	12.2	8.0	20.3
-8200	-0.4	11.9	7.8	20.1
-8150	-0.6	11.7	7.8	20.1
-8100	-0.8	11.5	7.7	20.0
-8050	-1.0	11.3	7.6	19.9
-8000	-1.2	11.1	7.4	19.7
-7950	-1.4	10.9	7.1	19.4
-7900	-1.7	10.6	7.1	19.4
-7850	-1.7	10.6	7.0	19.3
-7800	-1.7	10.6	6.7	19.0
-7750	-1.5	10.8	6.2	18.5
-7700	-1.3	11.0	6.2	18.5
-7650	-1.1	11.2	5.9	18.2
-7600	-1.1	11.2	5.9	18.2
-7550	-1.0	11.3	5.6	17.9
-7500	-1.0	11.3	5.6	17.9
-7450	-1.0	11.3	5.5	17.8
-7400	-1.1	11.2	5.4	17.7
-7350	-1.2	11.1	5.1	17.4
-7300	-1.5	10.8	5.1	17.4
-7250	-1.7	10.6	5.3	17.6
-7200	-1.9	10.4	5.1	17.4
-7150	-2.1	10.2	5.1	17.4
-7100	-2.2	10.1	5.1	17.4
-7050	-2.2	10.1	5.1	17.4
-7000	-2.1	10.2	5.1	17.4
-6950	-2.1	10.2	5.0	17.3
-6900	-2.0	10.3	4.6	16.9
-6850	-1.7	10.6	4.6	16.9
-6800	-1.6	10.7	4.6	16.9
-6750	-1.4	10.9	4.6	16.9
-6700	-1.4	10.9	4.6	16.9
-6650	-1.5	10.8	4.8	17.1
-6600	-1.7	10.6	4.8	17.1
-6550	-2.0	10.3	4.8	17.1
-6500	-2.3	10.0	4.8	17.1
-6450	-2.4	9.9	4.8	17.1
-6400	-2.7	9.6	4.8	17.1
-6350	-2.7	9.6	4.7	17.0

Test - CH6

Richard Abrahams

-6300	-2.7	9.6	4.6	16.9
-6250	-2.7	9.6	4.5	16.8
-6200	-2.4	9.9	4.4	16.7
-6150	-2.2	10.1	4.4	16.7
-6100	-2.0	10.3	4.4	16.7
-6050	-1.8	10.5	4.4	16.7
-6000	-1.8	10.5	4.4	16.7
-5950	-1.8	10.5	4.3	16.6
-5900	-2.1	10.2	4.3	16.6
-5850	-2.4	9.9	4.3	16.6
-5800	-2.7	9.6	4.1	16.4
-5750	-3.1	9.2	4.1	16.4
-5700	-3.4	8.9	4.1	16.4
-5650	-3.6	8.7	4.1	16.4
-5600	-3.9	8.4	5.0	17.3
-5550	-3.9	8.4	5.1	17.4
-5500	-3.9	8.4	5.9	18.2
-5450	-3.8	8.5	6.3	18.6
-5400	-3.6	8.7	6.3	18.6
-5350	-3.2	9.1	6.2	18.5
-5300	-3.0	9.3	5.9	18.2
-5250	-2.8	9.5	5.4	17.7
-5200	-2.5	9.8	4.7	17.0
-5150	-2.5	9.8	4.4	16.7
-5100	-2.5	9.8	4.0	16.3
-5050	-2.5	9.8	3.7	16.0
-5000	-2.7	9.6	3.7	16.0
-4950	-2.9	9.4	3.5	15.8
-4900	-3.2	9.1	2.8	15.1
-4850	-3.2	9.1	2.7	15.0
-4800	-3.2	9.1	2.7	15.0
-4750	-3.2	9.1	2.7	15.0
-4700	-3.1	9.2	2.7	15.0
-4650	-2.8	9.5	2.7	15.0
-4600	-2.6	9.7	2.8	15.1
-4550	-2.4	9.9	2.8	15.1
-4500	-2.3	10.0	3.0	15.3
-4450	-2.2	10.1	3.0	15.3
-4400	-2.2	10.1	3.4	15.7
-4350	-2.2	10.1	3.6	15.9
-4300	-2.3	10.0	3.7	16.0
-4250	-2.5	9.8	3.7	16.0
-4200	-2.7	9.6	3.8	16.1
-4150	-3.0	9.3	3.8	16.1
-4100	-3.1	9.2	3.8	16.1
-4050	-3.2	9.1	3.8	16.1
-4000	-3.3	9.0	3.6	15.9
-3950	-3.3	9.0	3.4	15.7
-3900	-3.2	9.1	3.3	15.6
-3850	-3.0	9.3	3.2	15.5
-3800	-2.7	9.6	3.0	15.3
-3750	-2.5	9.8	2.8	15.1

Test - CH6

Richard Abrahams

-3700	-2.5	9.8	2.7	15.0
-3650	-2.4	9.9	2.6	14.9
-3600	-2.4	9.9	2.6	14.9
-3550	-2.5	9.8	2.5	14.8
-3500	-2.7	9.6	2.5	14.8
-3450	-2.8	9.5	2.3	14.6
-3400	-3.1	9.2	2.5	14.8
-3350	-3.3	9.0	2.7	15.0
-3300	-3.4	8.9	2.9	15.2
-3250	-3.7	8.6	3.0	15.3
-3200	-4.0	8.3	3.1	15.4
-3150	-3.2	9.1	3.2	15.5
-3100	-3.1	9.2	3.2	15.5
-3050	-2.8	9.5	3.3	15.6
-3000	-2.6	9.7	3.4	15.7
-2950	-2.6	9.7	3.1	15.4
-2900	-2.6	9.7	3.3	15.6
-2850	-2.6	9.7	3.5	15.8
-2800	-2.7	9.6	3.6	15.9
-2750	-2.8	9.5	3.6	15.9
-2700	-3.1	9.2	3.5	15.8
-2650	-3.3	9.0	3.6	15.9
-2600	-3.5	8.8	3.7	16.0
-2550	-3.7	8.6	3.8	16.1
-2500	-3.8	8.5	3.7	16.0
-2450	-3.8	8.5	3.7	16.0
-2400	-3.7	8.6	4.1	16.4
-2350	-3.5	8.8	4.1	16.4
-2300	-3.4	8.9	4.1	16.4
-2250	-3.2	9.1	4.1	16.4
-2200	-3.0	9.3	4.0	16.3
-2150	-2.8	9.5	3.9	16.2
-2100	-2.9	9.4	3.9	16.2
-2050	-2.9	9.4	3.8	16.1
-2000	-3.0	9.3	3.5	15.8
-1950	-3.1	9.2	3.2	15.5
-1900	-3.3	9.0	3.1	15.4
-1850	-3.5	8.8	2.8	15.1
-1800	-3.5	8.8	2.6	14.9
-1750	-3.6	8.7	2.6	14.9
-1700	-3.7	8.6	2.4	14.7
-1650	-3.6	8.7	2.4	14.7
-1600	-3.4	8.9	2.3	14.6
-1550	-3.2	9.1	2.4	14.7
-1500	-3.0	9.3	2.6	14.9
-1450	-2.9	9.4	2.7	15.0
-1400	-2.8	9.5	2.9	15.2
-1350	-2.7	9.6	3.0	15.3
-1300	-2.7	9.6	3.3	15.6
-1250	-2.8	9.5	3.4	15.7
-1200	-3.0	9.3	3.5	15.8
-1150	-3.2	9.1	3.6	15.9

Test - CH6

Richard Abrahams

-1100	-3.3	9.0	3.7	16.0
-1050	-3.6	8.7	3.9	16.2
-1000	-3.9	8.4	3.7	16.0
-950	-4.0	8.3	3.6	15.9
-900	-4.0	8.3	3.7	16.0
-850	-3.9	8.4	3.7	16.0
-800	-3.8	8.5	3.7	16.0
-750	-3.7	8.6	3.6	15.9
-700	-3.5	8.8	3.7	16.0
-650	-3.5	8.8	3.7	16.0
-600	-3.4	8.9	3.8	16.1
-550	-3.4	8.9	3.7	16.0
-500	-3.5	8.8	4.0	16.3
-450	-3.5	8.8	3.7	16.0
-400	-3.6	8.7	4.3	16.6
-350	-3.8	8.5	4.7	17.0
-300	-4.0	8.3	4.4	16.7
-250	-4.1	8.2	4.1	16.4
-200	-4.2	8.1	3.8	16.1
-150	-4.2	8.1	3.6	15.9
-100	-4.1	8.2	3.3	15.6
-50	-3.8	8.5	2.9	15.2
0	0.5	12.8	2.3	14.6
50	-2.9	9.4	2.2	14.5
100	-3.5	8.8	2.4	14.7
150	-3.3	9.0	2.8	15.1
200	-3.3	9.0	3.2	15.5
250	-3.4	8.9	3.4	15.7
300	-3.5	8.8	3.3	15.6
350	-3.6	8.7	3.7	16.0
400	-3.8	8.5	3.8	16.1
450	-3.9	8.4	3.5	15.8
500	-4.1	8.2	2.9	15.2
550	-4.2	8.1	3.0	15.3
600	-4.3	8.0	2.9	15.2
650	-4.3	8.0	2.7	15.0
700	-4.2	8.1	2.6	14.9
750	-4.0	8.3	2.6	14.9
800	-3.9	8.4	2.7	15.0
850	-3.7	8.6	2.8	15.1
900	-3.6	8.7	2.9	15.2
950	-3.5	8.8	3.1	15.4
1000	-3.4	8.9	3.2	15.5
1050	-3.4	8.9	3.6	15.9
1100	-3.4	8.9	3.9	16.2
1150	-3.5	8.8	3.9	16.2
1200	-3.7	8.6	3.8	16.1
1250	-3.8	8.5	3.6	15.9
1300	-3.9	8.4	3.6	15.9
1350	-4.1	8.2	3.4	15.7
1400	-4.1	8.2	3.3	15.6
1450	-4.1	8.2	3.2	15.5

Test - CH6

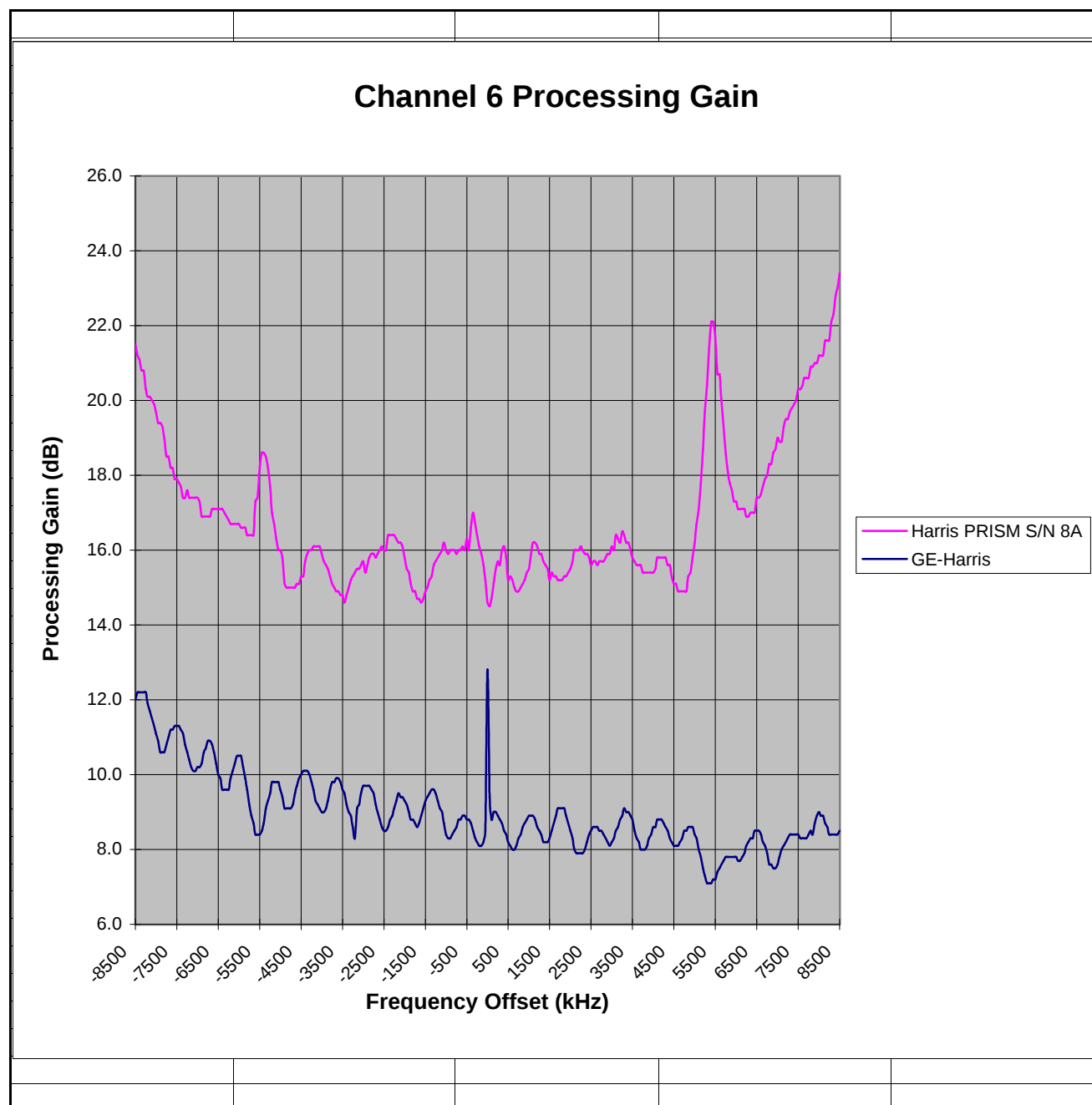
Richard Abrahams

1500	-4.0	8.3	2.9	15.2
1550	-3.8	8.5	3.1	15.4
1600	-3.6	8.7	3.0	15.3
1650	-3.4	8.9	3.0	15.3
1700	-3.2	9.1	2.9	15.2
1750	-3.2	9.1	2.9	15.2
1800	-3.2	9.1	2.9	15.2
1850	-3.2	9.1	3.0	15.3
1900	-3.4	8.9	3.0	15.3
1950	-3.6	8.7	3.1	15.4
2000	-3.8	8.5	3.2	15.5
2050	-4.0	8.3	3.4	15.7
2100	-4.3	8.0	3.7	16.0
2150	-4.4	7.9	3.7	16.0
2200	-4.4	7.9	3.7	16.0
2250	-4.4	7.9	3.8	16.1
2300	-4.4	7.9	3.7	16.0
2350	-4.3	8.0	3.6	15.9
2400	-4.1	8.2	3.6	15.9
2450	-3.9	8.4	3.5	15.8
2500	-3.8	8.5	3.3	15.6
2550	-3.7	8.6	3.4	15.7
2600	-3.7	8.6	3.4	15.7
2650	-3.7	8.6	3.3	15.6
2700	-3.8	8.5	3.4	15.7
2750	-3.8	8.5	3.4	15.7
2800	-3.9	8.4	3.4	15.7
2850	-4.0	8.3	3.5	15.8
2900	-4.1	8.2	3.6	15.9
2950	-4.2	8.1	3.6	15.9
3000	-4.1	8.2	3.8	16.1
3050	-4.0	8.3	3.7	16.0
3100	-3.8	8.5	4.1	16.4
3150	-3.7	8.6	4.0	16.3
3200	-3.5	8.8	3.9	16.2
3250	-3.4	8.9	4.2	16.5
3300	-3.2	9.1	4.1	16.4
3350	-3.3	9.0	3.9	16.2
3400	-3.3	9.0	3.9	16.2
3450	-3.4	8.9	3.7	16.0
3500	-3.5	8.8	3.5	15.8
3550	-3.8	8.5	3.4	15.7
3600	-4.0	8.3	3.3	15.6
3650	-4.1	8.2	3.3	15.6
3700	-4.3	8.0	3.3	15.6
3750	-4.3	8.0	3.1	15.4
3800	-4.3	8.0	3.1	15.4
3850	-4.2	8.1	3.1	15.4
3900	-4.0	8.3	3.1	15.4
3950	-3.9	8.4	3.1	15.4
4000	-3.7	8.6	3.1	15.4
4050	-3.7	8.6	3.2	15.5

Test - CH6

Richard Abrahams

4100	-3.5	8.8	3.5	15.8
4150	-3.5	8.8	3.5	15.8
4200	-3.5	8.8	3.5	15.8
4250	-3.6	8.7	3.5	15.8
4300	-3.7	8.6	3.5	15.8
4350	-3.8	8.5	3.3	15.6
4400	-4.0	8.3	3.3	15.6
4450	-4.1	8.2	3.0	15.3
4500	-4.2	8.1	2.8	15.1
4550	-4.2	8.1	2.8	15.1
4600	-4.2	8.1	2.6	14.9
4650	-4.1	8.2	2.6	14.9
4700	-4.0	8.3	2.6	14.9
4750	-3.8	8.5	2.6	14.9
4800	-3.8	8.5	2.6	14.9
4850	-3.7	8.6	3.0	15.3
4900	-3.7	8.6	3.1	15.4
4950	-3.7	8.6	3.5	15.8
5000	-3.9	8.4	3.9	16.2
5050	-4.0	8.3	4.4	16.7
5100	-4.3	8.0	4.8	17.1
5150	-4.5	7.8	5.5	17.8
5200	-4.8	7.5	6.4	18.7
5250	-5.0	7.3	7.4	19.7
5300	-5.2	7.1	8.1	20.4
5350	-5.2	7.1	9.1	21.4
5400	-5.2	7.1	9.8	22.1
5450	-5.1	7.2	9.8	22.1
5500	-5.1	7.2	9.4	21.7
5550	-4.9	7.4	8.4	20.7
5600	-4.8	7.5	8.4	20.7
5650	-4.7	7.6	7.7	20.0
5700	-4.6	7.7	7.0	19.3
5750	-4.5	7.8	6.3	18.6
5800	-4.5	7.8	5.8	18.1
5850	-4.5	7.8	5.5	17.8
5900	-4.5	7.8	5.3	17.6
5950	-4.5	7.8	5.0	17.3
6000	-4.5	7.8	5.0	17.3
6050	-4.6	7.7	4.8	17.1
6100	-4.6	7.7	4.8	17.1
6150	-4.5	7.8	4.8	17.1
6200	-4.4	7.9	4.8	17.1
6250	-4.2	8.1	4.6	16.9
6300	-4.1	8.2	4.6	16.9
6350	-4.0	8.3	4.7	17.0
6400	-4.0	8.3	4.7	17.0
6450	-3.8	8.5	4.7	17.0
6500	-3.8	8.5	5.1	17.4
6550	-3.8	8.5	5.1	17.4
6600	-3.9	8.4	5.2	17.5
6650	-4.1	8.2	5.4	17.7



Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

-6300	1.3	13.6		
-6250	1.4	13.7		
-6200	1.6	13.9		
-6150	1.9	14.2		
-6100	2.2	14.5		
-6050	2.4	14.7		
-6000	2.7	15.0		
-5950	2.9	15.2		
-5900	3.0	15.3		
-5850	3.0	15.3		
-5800	3.4	15.7		
-5750	3.4	15.7		
-5700	3.4	15.7		
-5650	3.3	15.6		
-5600	3.2	15.5		
-5550	3.2	15.5		
-5500	3.5	15.8		
-5450	3.8	16.1		
-5400	3.5	15.8		
-5350	3.5	15.8		
-5300	3.7	16.0		
-5250	3.6	15.9		
-5200	3.5	15.8		
-5150	3.3	15.6		
-5100	2.9	15.2		
-5050	2.5	14.8		
-5000	2.0	14.3		
-4950	1.7	14.0		
-4900	1.4	13.7		
-4850	1.2	13.5		
-4800	1.1	13.4		
-4750	1.2	13.5		
-4700	1.3	13.6		
-4650	1.7	14.0		
-4600	2.0	14.3		
-4550	2.3	14.6		
-4500	2.5	14.8		
-4450	2.7	15.0		
-4400	2.8	15.1		
-4350	2.8	15.1		
-4300	2.6	14.9		
-4250	2.5	14.8		
-4200	2.3	14.6		
-4150	2.1	14.4		
-4100	1.9	14.2		
-4050	1.7	14.0		
-4000	1.6	13.9		
-3950	1.6	13.9		
-3900	1.6	13.9		
-3850	1.6	13.9		
-3800	1.8	14.1		
-3750	1.9	14.2		

Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

-3700	2.0	14.3		
-3650	2.1	14.4		
-3600	2.1	14.4		
-3550	2.1	14.4		
-3500	2.1	14.4		
-3450	2.0	14.3		
-3400	1.8	14.1		
-3350	1.7	14.0		
-3300	1.6	13.9		
-3250	1.6	13.9		
-3200	1.6	13.9		
-3150	1.8	14.1		
-3100	2.0	14.3		
-3050	2.1	14.4		
-3000	2.2	14.5		
-2950	2.3	14.6		
-2900	2.4	14.7		
-2850	2.3	14.6		
-2800	2.1	14.4		
-2750	2.0	14.3		
-2700	1.9	14.2		
-2650	1.7	14.0		
-2600	1.6	13.9		
-2550	1.5	13.8		
-2500	1.4	13.7		
-2450	1.4	13.7		
-2400	1.5	13.8		
-2350	1.6	13.9		
-2300	1.8	14.1		
-2250	2.1	14.4		
-2200	2.2	14.5		
-2150	2.3	14.6		
-2100	2.3	14.6		
-2050	2.2	14.5		
-2000	2.1	14.4		
-1950	1.9	14.2		
-1900	1.6	13.9		
-1850	1.2	13.5		
-1800	1.1	13.4		
-1750	0.9	13.2		
-1700	0.9	13.2		
-1650	1.1	13.4		
-1600	1.3	13.6		
-1550	1.7	14.0		
-1500	2.0	14.3		
-1450	2.2	14.5		
-1400	2.4	14.7		
-1350	2.4	14.7		
-1300	2.2	14.5		
-1250	2.1	14.4		
-1200	2.0	14.3		
-1150	1.9	14.2		

Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

-1100	1.7	14.0		
-1050	1.5	13.8		
-1000	1.3	13.6		
-950	1.1	13.4		
-900	0.9	13.2		
-850	0.8	13.1		
-800	0.8	13.1		
-750	0.8	13.1		
-700	1.0	13.3		
-650	1.1	13.4		
-600	1.3	13.6		
-550	1.5	13.8		
-500	1.8	14.1		
-450	2.0	14.3		
-400	2.0	14.3		
-350	1.9	14.2		
-300	1.5	13.8		
-250	1.0	13.3		
-200	0.5	12.8		
-150	0.0	12.3		
-100	-0.2	12.1		
-50	-0.1	12.2		
0	0.1	12.4		
50	0.3	12.6		
100	0.3	12.6		
150	0.6	12.9		
200	1.0	13.3		
250	1.3	13.6		
300	1.7	14.0		
350	1.8	14.1		
400	1.8	14.1		
450	1.6	13.9		
500	1.2	13.5		
550	0.7	13.0		
600	0.3	12.6		
650	0.2	12.5		
700	0.2	12.5		
750	0.3	12.6		
800	0.5	12.8		
850	0.8	13.1		
900	1.2	13.5		
950	1.5	13.8		
1000	1.7	14.0		
1050	1.8	14.1		
1100	1.7	14.0		
1150	1.6	13.9		
1200	1.3	13.6		
1250	1.1	13.4		
1300	0.9	13.2		
1350	0.8	13.1		
1400	0.8	13.1		
1450	0.9	13.2		

Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

1500	1.0	13.3		
1550	1.0	13.3		
1600	1.1	13.4		
1650	1.1	13.4		
1700	1.2	13.5		
1750	1.2	13.5		
1800	1.2	13.5		
1850	1.3	13.6		
1900	1.3	13.6		
1950	1.2	13.5		
2000	1.1	13.4		
2050	1.0	13.3		
2100	0.9	13.2		
2150	0.8	13.1		
2200	0.7	13.0		
2250	0.7	13.0		
2300	0.7	13.0		
2350	0.8	13.1		
2400	0.9	13.2		
2450	1.1	13.4		
2500	1.1	13.4		
2550	1.1	13.4		
2600	0.9	13.2		
2650	0.8	13.1		
2700	0.5	12.8		
2750	0.4	12.7		
2800	0.3	12.6		
2850	0.2	12.5		
2900	0.2	12.5		
2950	0.3	12.6		
3000	0.4	12.7		
3050	0.6	12.9		
3100	0.7	13.0		
3150	0.9	13.2		
3200	1.2	13.5		
3250	1.3	13.6		
3300	1.4	13.7		
3350	1.5	13.8		
3400	1.4	13.7		
3450	1.3	13.6		
3500	1.0	13.3		
3550	0.7	13.0		
3600	0.4	12.7		
3650	0.0	12.3		
3700	-0.2	12.1		
3750	-0.4	11.9		
3800	-0.4	11.9		
3850	-0.2	12.1		
3900	0.0	12.3		
3950	0.4	12.7		
4000	0.6	12.9		
4050	0.9	13.2		

Processing Gain

GE-Harris CH6 Processing Gain Pass2.xls

Measured by**Test - CH6, 2nd Pass****Richard Abrahams**

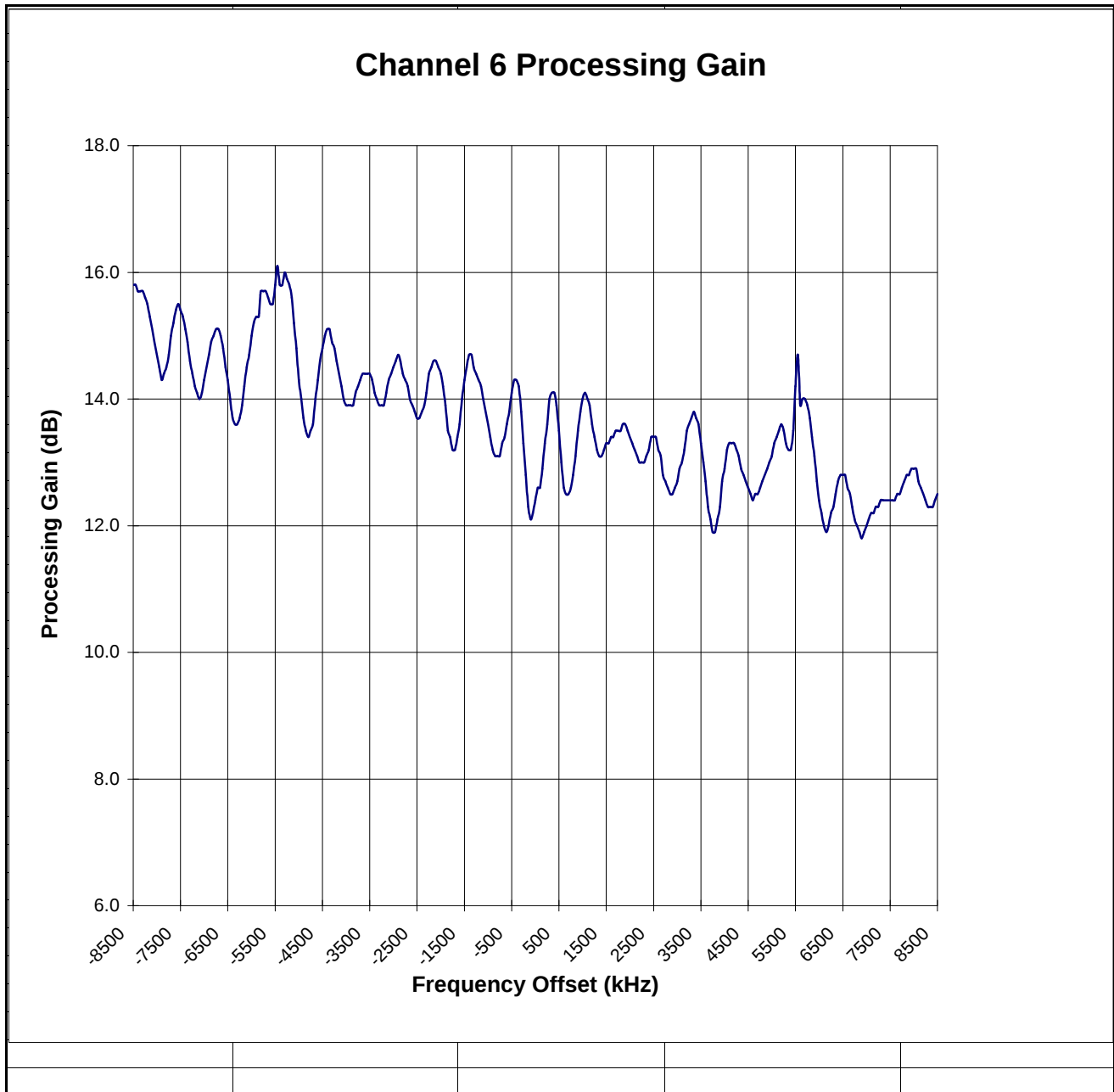
4100	1.0	13.3		
4150	1.0	13.3		
4200	1.0	13.3		
4250	0.9	13.2		
4300	0.8	13.1		
4350	0.6	12.9		
4400	0.5	12.8		
4450	0.4	12.7		
4500	0.3	12.6		
4550	0.2	12.5		
4600	0.1	12.4		
4650	0.2	12.5		
4700	0.2	12.5		
4750	0.3	12.6		
4800	0.4	12.7		
4850	0.5	12.8		
4900	0.6	12.9		
4950	0.7	13.0		
5000	0.8	13.1		
5050	1.0	13.3		
5100	1.1	13.4		
5150	1.2	13.5		
5200	1.3	13.6		
5250	1.2	13.5		
5300	1.0	13.3		
5350	0.9	13.2		
5400	0.9	13.2		
5450	1.2	13.5		
5500	1.9	14.2		
5550	2.4	14.7		
5600	1.6	13.9		
5650	1.7	14.0		
5700	1.7	14.0		
5750	1.6	13.9		
5800	1.4	13.7		
5850	1.1	13.4		
5900	0.8	13.1		
5950	0.4	12.7		
6000	0.1	12.4		
6050	-0.1	12.2		
6100	-0.3	12.0		
6150	-0.4	11.9		
6200	-0.3	12.0		
6250	-0.1	12.2		
6300	0.0	12.3		
6350	0.2	12.5		
6400	0.4	12.7		
6450	0.5	12.8		
6500	0.5	12.8		
6550	0.5	12.8		
6600	0.3	12.6		
6650	0.2	12.5		

Test - CH6, 2nd Pass

GE-Harris CH6 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

[illegible]



**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

-6300	2.6	14.9		
-6250	2.7	15.0		
-6200	2.9	15.2		
-6150	3.2	15.5		
-6100	3.5	15.8		
-6050	3.8	16.1		
-6000	4.0	16.3		
-5950	4.2	16.5		
-5900	4.5	16.8		
-5850	4.6	16.9		
-5800	4.7	17.0		
-5750	4.7	17.0		
-5700	4.7	17.0		
-5650	4.5	16.8		
-5600	4.5	16.8		
-5550	4.5	16.8		
-5500	4.5	16.8		
-5450	4.5	16.8		
-5400	4.7	17.0		
-5350	4.9	17.2		
-5300	5.0	17.3		
-5250	4.9	17.2		
-5200	4.8	17.1		
-5150	4.5	16.8		
-5100	4.1	16.4		
-5050	3.7	16.0		
-5000	3.2	15.5		
-4950	2.8	15.1		
-4900	2.4	14.7		
-4850	2.3	14.6		
-4800	2.3	14.6		
-4750	2.3	14.6		
-4700	2.6	14.9		
-4650	2.9	15.2		
-4600	3.2	15.5		
-4550	3.6	15.9		
-4500	3.8	16.1		
-4450	3.8	16.1		
-4400	4.0	16.3		
-4350	4.0	16.3		
-4300	3.9	16.2		
-4250	3.7	16.0		
-4200	3.5	15.8		
-4150	3.3	15.6		
-4100	3.1	15.4		
-4050	3.0	15.3		
-4000	2.8	15.1		
-3950	2.7	15.0		
-3900	2.8	15.1		
-3850	2.8	15.1		
-3800	2.9	15.2		
-3750	3.0	15.3		

**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

-3700	3.0	15.3		
-3650	3.1	15.4		
-3600	3.1	15.4		
-3550	3.1	15.4		
-3500	3.1	15.4		
-3450	3.0	15.3		
-3400	2.8	15.1		
-3350	2.7	15.0		
-3300	2.7	15.0		
-3250	2.7	15.0		
-3200	2.8	15.1		
-3150	2.9	15.2		
-3100	3.0	15.3		
-3050	3.3	15.6		
-3000	3.4	15.7		
-2950	3.5	15.8		
-2900	3.5	15.8		
-2850	3.4	15.7		
-2800	3.2	15.5		
-2750	3.1	15.4		
-2700	3.0	15.3		
-2650	2.8	15.1		
-2600	2.6	14.9		
-2550	2.5	14.8		
-2500	2.4	14.7		
-2450	2.4	14.7		
-2400	2.5	14.8		
-2350	2.6	14.9		
-2300	2.8	15.1		
-2250	3.0	15.3		
-2200	3.1	15.4		
-2150	3.2	15.5		
-2100	3.2	15.5		
-2050	3.1	15.4		
-2000	2.9	15.2		
-1950	2.7	15.0		
-1900	2.4	14.7		
-1850	2.1	14.4		
-1800	1.9	14.2		
-1750	1.8	14.1		
-1700	1.9	14.2		
-1650	2.0	14.3		
-1600	2.3	14.6		
-1550	2.7	15.0		
-1500	3.0	15.3		
-1450	3.3	15.6		
-1400	3.4	15.7		
-1350	3.4	15.7		
-1300	3.3	15.6		
-1250	3.1	15.4		
-1200	2.9	15.2		
-1150	2.8	15.1		

**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

-1100	2.6	14.9		
-1050	2.4	14.7		
-1000	2.1	14.4		
-950	1.9	14.2		
-900	1.7	14.0		
-850	1.6	13.9		
-800	1.5	13.8		
-750	1.5	13.8		
-700	1.7	14.0		
-650	1.9	14.2		
-600	2.0	14.3		
-550	2.2	14.5		
-500	2.5	14.8		
-450	2.7	15.0		
-400	2.7	15.0		
-350	2.6	14.9		
-300	2.3	14.6		
-250	1.8	14.1		
-200	1.3	13.6		
-150	1.0	13.3		
-100	0.8	13.1		
-50	0.9	13.2		
0	1.2	13.5		
50	1.1	13.4		
100	1.3	13.6		
150	1.6	13.9		
200	1.9	14.2		
250	2.2	14.5		
300	2.4	14.7		
350	2.6	14.9		
400	2.5	14.8		
450	2.2	14.5		
500	1.8	14.1		
550	1.3	13.6		
600	1.0	13.3		
650	0.8	13.1		
700	0.8	13.1		
750	0.9	13.2		
800	1.1	13.4		
850	1.4	13.7		
900	1.7	14.0		
950	2.0	14.3		
1000	2.2	14.5		
1050	2.2	14.5		
1100	1.9	14.2		
1150	2.0	14.3		
1200	1.7	14.0		
1250	1.4	13.7		
1300	1.1	13.4		
1350	1.2	13.5		
1400	1.4	13.7		
1450	1.4	13.7		

**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

**Measured by
Richard Abrahams**

1500	1.4	13.7		
1550	1.2	13.5		
1600	1.7	14.0		
1650	1.8	14.1		
1700	1.8	14.1		
1750	1.8	14.1		
1800	1.8	14.1		
1850	1.8	14.1		
1900	1.6	13.9		
1950	1.3	13.6		
2000	1.5	13.8		
2050	1.4	13.7		
2100	1.3	13.6		
2150	1.2	13.5		
2200	1.1	13.4		
2250	0.8	13.1		
2300	0.5	12.8		
2350	0.7	13.0		
2400	1.1	13.4		
2450	1.4	13.7		
2500	1.4	13.7		
2550	1.3	13.6		
2600	1.2	13.5		
2650	1.0	13.3		
2700	0.3	12.6		
2750	-0.3	12.0		
2800	-0.5	11.8		
2850	0.1	12.4		
2900	0.4	12.7		
2950	0.2	12.5		
3000	0.8	13.1		
3050	0.9	13.2		
3100	0.6	12.9		
3150	0.3	12.6		
3200	1.6	13.9		
3250	1.3	13.6		
3300	1.9	14.2		
3350	1.9	14.2		
3400	1.8	14.1		
3450	1.6	13.9		
3500	1.3	13.6		
3550	1.0	13.3		
3600	0.5	12.8		
3650	0.2	12.5		
3700	-0.1	12.2		
3750	-0.4	11.9		
3800	-0.4	11.9		
3850	-0.3	12.0		
3900	-0.4	11.9		
3950	0.3	12.6		
4000	0.8	13.1		
4050	1.1	13.4		

**Processing Gain
Test - CH1**

GE-Harris CH1 Processing Gain Pass2.xls

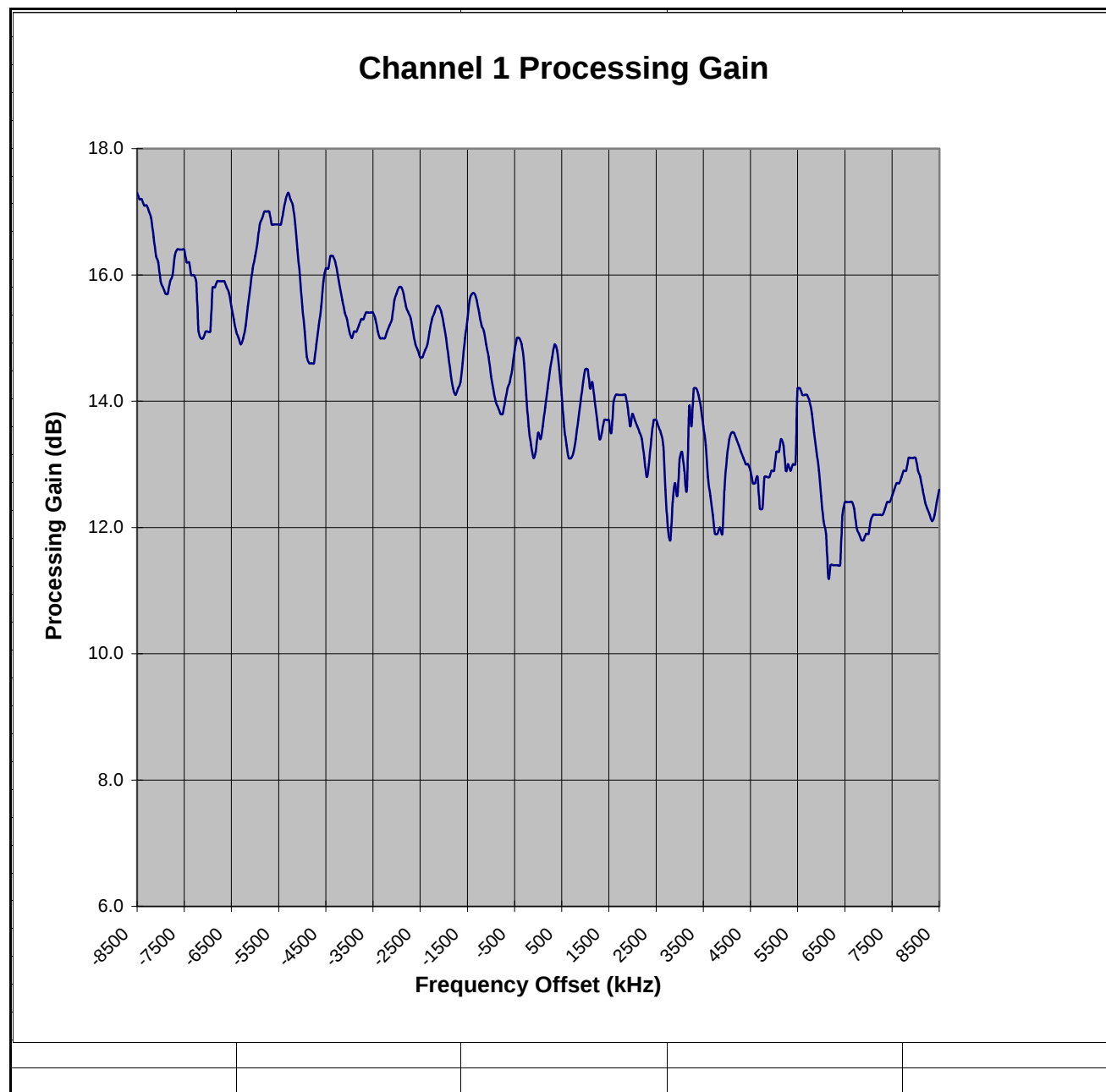
**Measured by
Richard Abrahams**

4100	1.2	13.5		
4150	1.2	13.5		
4200	1.1	13.4		
4250	1.0	13.3		
4300	0.9	13.2		
4350	0.8	13.1		
4400	0.7	13.0		
4450	0.7	13.0		
4500	0.6	12.9		
4550	0.4	12.7		
4600	0.4	12.7		
4650	0.5	12.8		
4700	0.0	12.3		
4750	0.0	12.3		
4800	0.5	12.8		
4850	0.5	12.8		
4900	0.5	12.8		
4950	0.6	12.9		
5000	0.6	12.9		
5050	0.9	13.2		
5100	0.9	13.2		
5150	1.1	13.4		
5200	1.0	13.3		
5250	0.6	12.9		
5300	0.7	13.0		
5350	0.6	12.9		
5400	0.7	13.0		
5450	0.7	13.0		
5500	1.9	14.2		
5550	1.9	14.2		
5600	1.8	14.1		
5650	1.8	14.1		
5700	1.8	14.1		
5750	1.7	14.0		
5800	1.5	13.8		
5850	1.2	13.5		
5900	0.9	13.2		
5950	0.6	12.9		
6000	0.2	12.5		
6050	-0.2	12.1		
6100	-0.4	11.9		
6150	-1.1	11.2		
6200	-0.9	11.4		
6250	-0.9	11.4		
6300	-0.9	11.4		
6350	-0.9	11.4		
6400	-0.9	11.4		
6450	-0.1	12.2		
6500	0.1	12.4		
6550	0.1	12.4		
6600	0.1	12.4		
6650	0.1	12.4		

Processing Gain

GE-Harris CH1 Processing Gain Pass2.xls

Measured by[illegible]



Question 4: User Manual Info

General Safety Information

The Federal Communications Commission (FCC), with its action in the General docket, 79-144, March 13, 1985, has adopted a safety standard for the human exposure to radio frequency electromagnetic energy emitted by FCC regulated equipment. Proper operation of this radio as summarized below will result in user exposure substantially below the FCC recommended limits,

- Do not operate this radio when someone is within the proximity of the antenna. The following minimum distances should be observed:
 1. Two feet for 0dbi antennas.
 2. Three feet for gain antennas to 6dbi or when the antenna type is not known.
- Do not operate this radio if any of the RF connectors are not secure or if open connections are not properly terminated.

The following general safety guidelines should also be followed:

- Do not

FIELD STRENGTH OF THE FUNDAMENTAL

CUSTOMER: M/A-COM

EQUIPMENT: TRANSCEIVER TOWER

TESTED BY: ROBERT FOSTER

OPERATING MODE: FULL POWER

ANTENNA DISTANCE: 3 METERS

DATE: JUNE 7, 2001

TEST NUMBER: 4

PROCEDURE: ANSI C63.4 & FCC 97-114

TEST SPEC: FCC PART 15 SUBPART C

Pacific Wireless PMANT25-HD-PF1

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	47	-	1.0	0	V	32.2	92.2	93.9
2.44	47	-	1.0	0	V	32.2	92.2	93.9
2.46	48	-	1.0	0	V	32.2	91.2	93.9

M/A-Com, M/N ANAD-159W-A-10-SM

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	61	-	1.0	0	V	32.2	78.2	93.9
2.44	61	-	1.0	0	V	32.2	78.2	93.9
2.46	63	-	1.0	0	V	32.2	76.2	93.9

M/A-Com ANCC-156A-S-12-NM

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	64	-	1.0	0	V	32.2	75.2	93.9
2.44	63	-	1.0	0	V	32.2	76.2	93.9
2.46	64	-	1.0	0	V	32.2	75.2	93.9

MAXRAD MFB24006

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE Loss dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	64	-	1.0	0	V	32.2	75.2	93.9
2.44	63	-	1.0	0	V	32.2	76.2	93.9
2.46	65	-	1.0	0	V	32.2	77.2	93.9

MAXRAD MFB24008

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE Loss dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	61	-	1.0	0	V	32.2	78.2	93.9
2.44	60	-	1.0	0	V	32.2	79.2	93.9
2.46	61	-	1.0	0	V	32.2	78.2	93.9

MAXRAD MFB24010

FREQUENCY GHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE Loss dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
2.41	60	-	1.0	0	V	32.2	80.2	93.9
2.42	59	-	1.0	0	V	32.2	80.2	93.9
2.46	59	-	1.0	0	V	32.2	80.2	93.9

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "