

Exhibit 8 - Spurious Radiation Test Data



ETR 32316-02 DATA SHEET

MANUFACTURER : SOPHIA
 MODEL : CX2 1100 DATAHAW
 S/N : Tx EB 1192, Rx EA 1053
 SPECIFICATION : FCC-90 OPEN FIELD SPURIOUS RADIATED EMISSIONS
 DATE : MAY 29, 2003
 NOTES : 100 WATTS PEAK OUTPUT INTO 50 OHMS
 : TEST DISTANCE IS 3 METERS

FREQ. (MHz)	ANT POL	MTR RDG (dBuV)	MATCHED SIGNAL dBm	ANT GAIN dB	CABLE FAC dB	ERP TOTAL dBm	ATTN dB	MIN ATTN dB
441.0	H	14.3	-63.9		1.5	-65.4	115.4	75
441.0	V	18.3	-57.9		1.5	-59.4	109.4	75
661.5	H	10.5	-59.6		2.0	-61.6	111.6	75
661.5	V	15.0	-60.5		2.0	-62.5	112.5	75
882.0	H	4.5	AMB -66.5		2.5	-69.0	119.0	75
882.0	V	5.3	AMB -64		2.5	-66.5	116.5	75
1102.5	H	55.0	-55.3	4.4	2.9	-53.8	103.8	75
1102.5	V	54.1	-58.3	4.4	2.9	-56.8	106.8	75
1323.0	H	45.7	AMB -58.1	5.4	3.2	-55.9	105.9	75
1323.0	V	48.2	AMB -58.0	5.4	3.2	-55.8	105.8	75
1543.5	H	46.0	AMB -65	6.1	3.5	-62.4	112.4	75
1543.5	V	47.8	AMB -60	6.1	3.5	-57.4	107.4	75
1764.0	H	46.4	-55.1	6.2	3.8	-52.7	102.7	75
1764.0	V	48.4	-59.5	6.2	3.8	-57.1	107.1	75
1984.5	H	50.3	-55.9	6.5	4.1	-53.5	103.5	75
1984.5	V	49.4	-50.2	6.5	4.1	-47.8	97.8	75
2205.0	H	50.6	-45.8	6.6	4.3	-43.5	93.5	75
2205.0	V	54.5	-50.3	6.6	4.3	-48.0	98.0	75

CHECKED BY: Mark E. Longinotti