

Table 1

FCC Part 15.247(c) 3 M Radiated Emissions Data
Peak Data (1MHz BW)

CLIENT: Schlumberger Industries, Inc.
 FCC ID: F9CTALSRFW1
 DATE: 12/8/98
 BY: Greg Snyder
 JOB #: 4823X

Channel 1
Peak Measurements Above 1 GHz

Frequency	Polarity	Azimuth	Antenna	SA Level	AFc	E-Field	E-Field	Limit	Margin
MHz	H/V	Degree	Height m	(Peak) dBuV	dB/m	dBuV/m	uV/m	uV/m	dB
1214.70	V	180.00	1.0	67.4	-15	52.4	416.9	5000.0	-21.6
1821.90	V	270.00	1.0	68.2	-8.0	60.2	1023.3	5000.0	-13.8
2732.80	V	270.00	1.0	43.2	-7.0	36.2	64.6	5000.0	-37.8
3643.95	V	0.00	1.0	50.6	-5.5	45.1	179.9	5000.0	-28.9
4554.70	V	135.00	1.0	49.8	-3.5	46.3	206.5	5000.0	-27.7
1214.70	H	180.00	1.0	55.8	-15	40.8	109.6	5000.0	-33.2
1821.90	H	180.00	1.0	63.7	-8.0	55.7	609.5	5000.0	-18.3
2732.80	H	270.00	1.0	48.0	-7.0	41.0	112.2	5000.0	-33.0
3643.95	H	0.00	1.0	55.0	-5.5	49.5	298.5	5000.0	-24.5
4554.70	H	135.00	1.0	48.6	-3.5	45.1	179.9	5000.0	-28.9

Channel 2**Peak Measurements Above 1 GHz**

Frequency	Polarity	Azimuth	Antenna	SA Level	AFc	E-Field	E-Field	Limit	Margin
MHz	H/V	Degree	Height m	(PEAK) dBuV	dB/m	dBuV/m	uV/m	uV/m	dB
1214.70	V	180.00	1.0	67.3	-15.0	52.3	412.1	5000.0	-21.7
1821.90	V	270.00	1.0	32.2	30.6	62.8	1380.4	5000.0	-11.2
2745.00	V	270.00	1.0	49.2	4.2	53.4	467.7	5000.0	-20.6
3660.78	V	0.00	1.0	51.8	4.0	55.8	616.6	5000.0	-18.2
4575.52	V	135.00	1.0	50.0	4.7	54.7	543.3	5000.0	-19.3
1214.70	H	180.00	1.0	57.9	-15.0	42.9	139.6	5000.0	-31.1
1821.90	H	180.00	1.0	30.4	30.6	61.0	1122.0	5000.0	-13.0
2745.00	H	270.00	1.0	56.9	4.2	61.1	1135.00	5000.0	-12.9
3660.78	H	0.00	1.0	58.8	4.0	62.8	1380.4	5000.0	-11.2
4575.52	H	135.00	1.0	47.6	4.7	52.3	412.1	5000.0	-21.7

Channel 3**Peak Measurements Above 1 GHz**

Frequency	Polarity	Azimuth	Antenna Height m	SA Level (PEAK) dBuV	AFc dB/m	E-Field dBuV/m	E-Field uV/m	Limit uV/m	Margin dB
MHz	H/V	Degree							
1214.70	V	180.00	1.0	64.8	-15.0	49.8	309.0	5000.0	-24.2
1838.38	V	270.00	1.0	34.3	30.6	64.9	1757.9	5000.0	-9.1
2758.00	V	270.00	1.0	46.5	4.2	50.7	342.8	5000.0	-23.3
3677.00	V	0.00	1.0	45.6	4.0	49.6	302.0	5000.0	-24.4
4596.00	V	135.00	1.0	45.8	4.7	50.5	335.0	5000.0	-23.5
1214.70	H	180.00	1.0	54.9	-15.0	39.9	98.9	5000.0	-34.1
1838.38	H	180.00	1.0	31.1	30.6	61.7	1216/2	5000.0	-12.3
2758.00	H	270.00	1.0	47.7	4.2	51.9	393.6	5000.0	-22.1
3677.00	H	0.00	1.0	43.0	4.0	47.0	223.9	5000.0	-27.0
4596.00	H	135.00	1.0	43.6	4.7	48.3	260.0	5000.0	-25.7