

High Intensity Radiated Field Testing Equipment Information

	<u>Manufacturer</u>	<u>Frequency Band</u>	<u>Amplifier Type</u>	<u>Antenna Type</u>	<u>Units</u>
1	ENI	10 KHz - 1.0 MHz	1040L	QRA*	1
2	ENI	1.0 - 50 MHz	5100L	QRA*	1
3	IFI	30 - 200 MHz	M5500	Dipole	1
4	Kalmus	30 - 200 MHz	520FC	Dipole	1
5	IFI	200 - 500 MHz	M5500	Horn	1
6	Kalmus	200 - 500 MHz	520FC	Horn	1
7	IFI	500 -1000 MHz	M5500	Horn	1
8	Kalmus	500 -1000 MHz	720FC	Horn	1
9	Hughes	1.0 - 2.0 GHz	8020HO9R	Horn	1
10	Hughes	2.0 - 4.0 GHz	8020HO9R	Horn	1
11	Hughes	4.0 - 8.0 GHz	8020HO9R	Horn	1
12	Hughes	8.0 - 12.4 GHz	8020HO9R	Horn	1
13	Hughes	12.4 - 18.0 GHz	8020HO9R	Horn	1

Note 1 This equipment is direct drive with no deliberate antenna.

* Quasi Rhombic Antenna (Bands 2 and 3 only)

Additional Test Equipment List for Frequency Stirring

	<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>
1	Hewlett Packard	HP8757D	0.01 - 20 GHz Scalar Network Analyzer	1
2	Hewlett Packard	HP83620A	0.01 - 20 GHz Source	1
3	NoiseCom	UFX 7907	50 MHz Noise Generator with 5 filters (1,2,5,10, 25 MHz lowpass)	1
4	Mini-Circuits	ZFM-2000	100 MHz - 2 GHz Mixer	2
5	Merrimac	DML-2B	2 - 18 GHz Mixer	2