

Table 4s. PEAK RADIATED SPURIOUS EMISSIONS (Low)
Dipole Antenna

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Dipole Antenna-Low Channel			Client:	Cirronet		
AT	Project:	05-0311	Class:		Peak	Model:	WIT2410G	
Frequency Range		Table	Model		S/N	Valid	Calibrated:	
		2hn3mh	Model : SAS-571		S/N 605	Yes	01 APR 05	
		preamp			S/N	Yes	June/30/2005	
		flex2ft			S/N	Yes	05/Dec/2005	
		flex17ft			S/N	Yes	05/Dec/2005	
Frequency	Test Data	AF	Test Data	AF+CA-AMP	Results	Limits	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	(dB)	/ QP
2401.60	-20.1	2hn3mh	86.9	31.6	842040.2			PK
4803.48	-52.4	2hn3mh	54.6	5.4	1007.4	5000.0	13.9	PK
7205.33	-47.2	2hn3mh	59.8	10.7	3352.7	84204.0	28.0	PK**
9606.02	-65.9	2hn3mh	41.2	13.3	528.1	84204.0	44.1	PK**

Data corrected by 0.1 dB for loss of high pass filter, except to fundamental

** Conversion from 1 meter to 3 meters = -9.54 dB

SAMPLE CALCULATION:

RESULTS (uV/m @ 3m) = Antilog $((-52.4 + 5.4 + 107)/20)$ = 1007.4

CONVERSION FROM dBm TO dBuV = 107 dB

Tester
Signature: _____



Name: Austin Thompson

Figure 4s – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Low –
Dipole Antenna

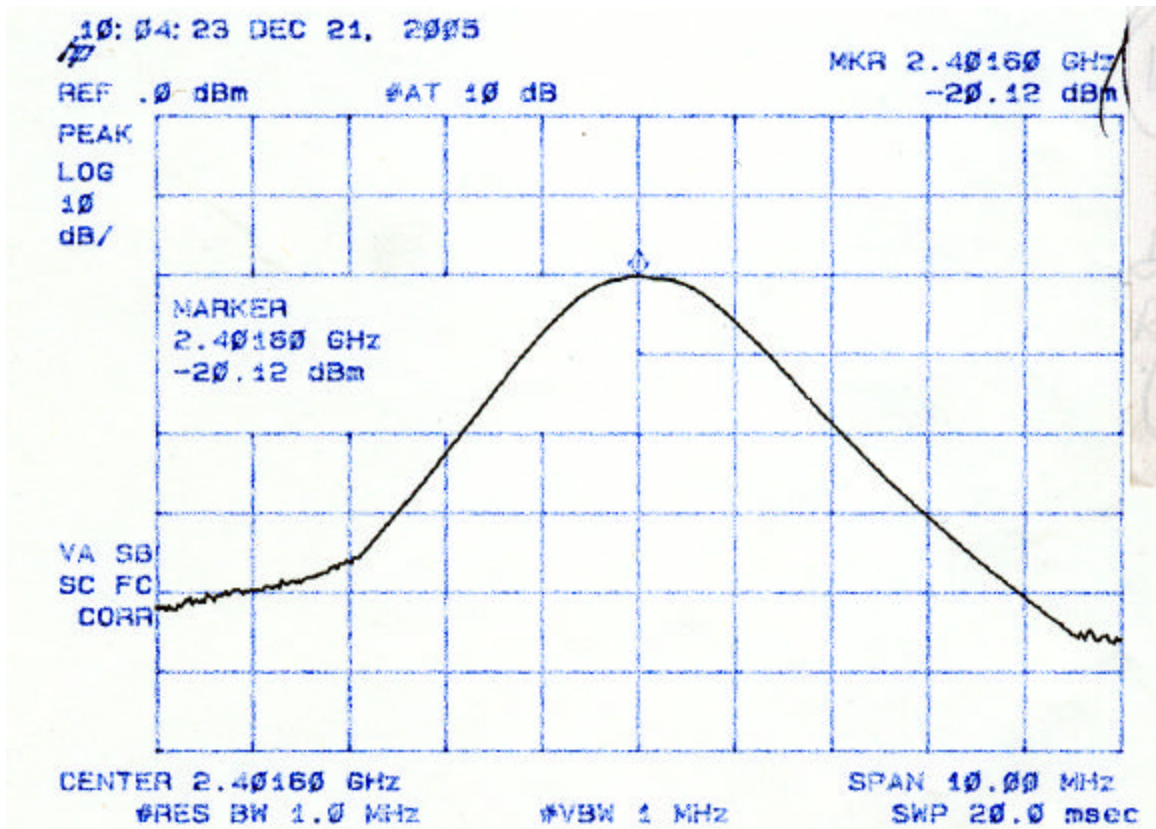


Figure 4s – 2
Peak Radiated Spurious Emission 15.247(c) Low –
Dipole Antenna

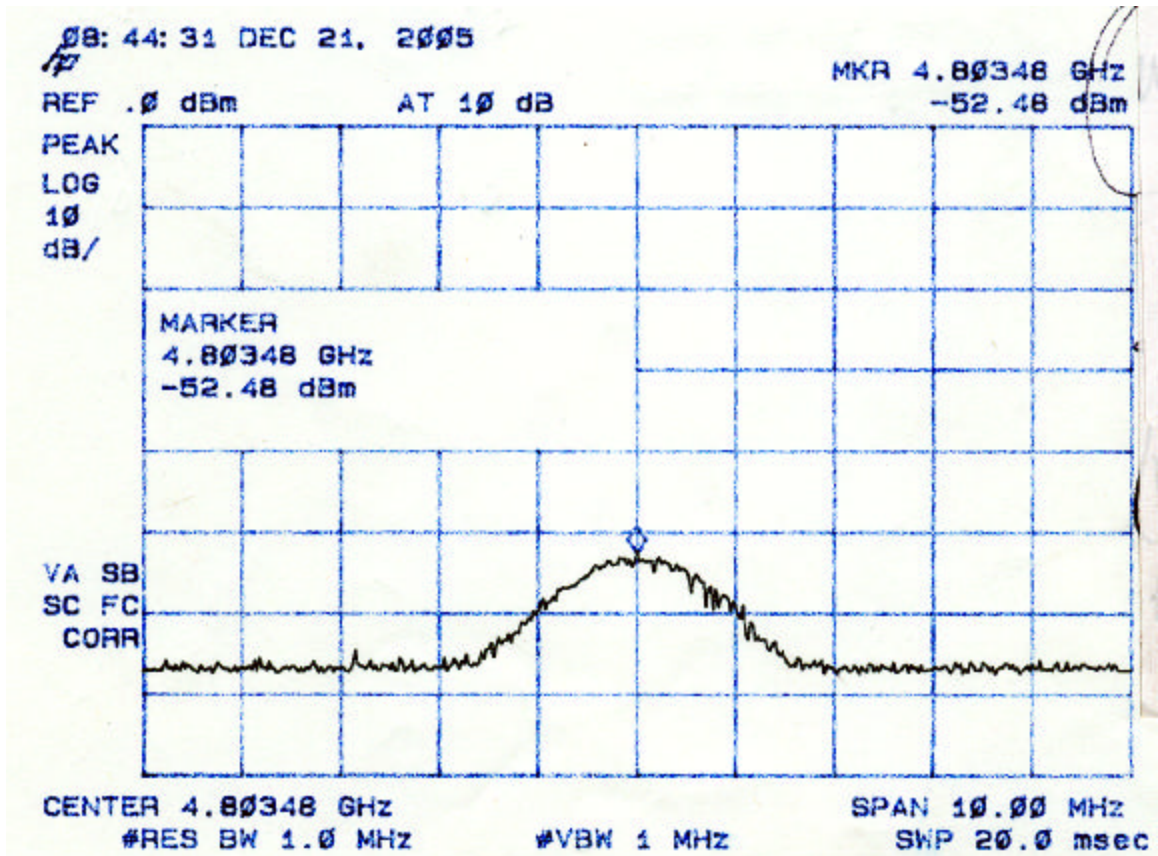


Figure 4s – 3
Peak Radiated Spurious Emission 15.247(c) Low –
Dipole Antenna

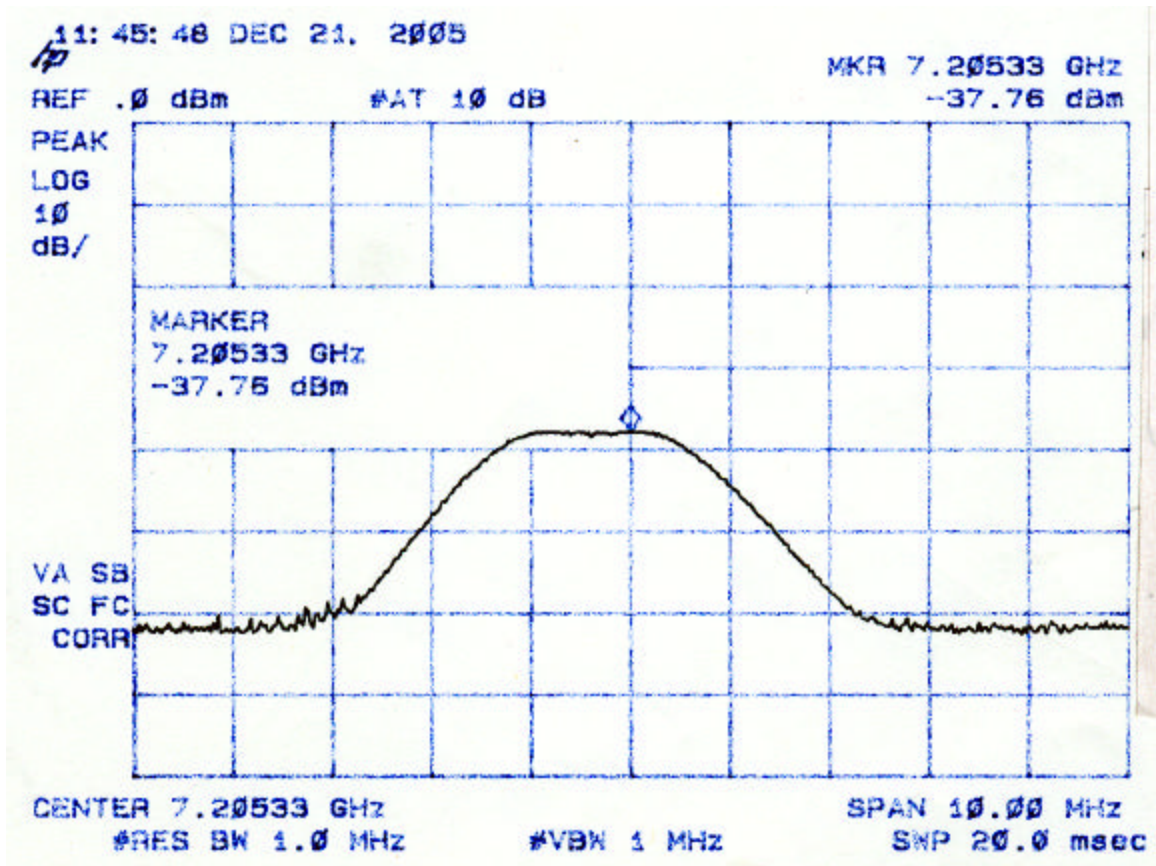


Figure 4s – 4
Peak Radiated Spurious Emission 15.247(c) Low –
Dipole Antenna

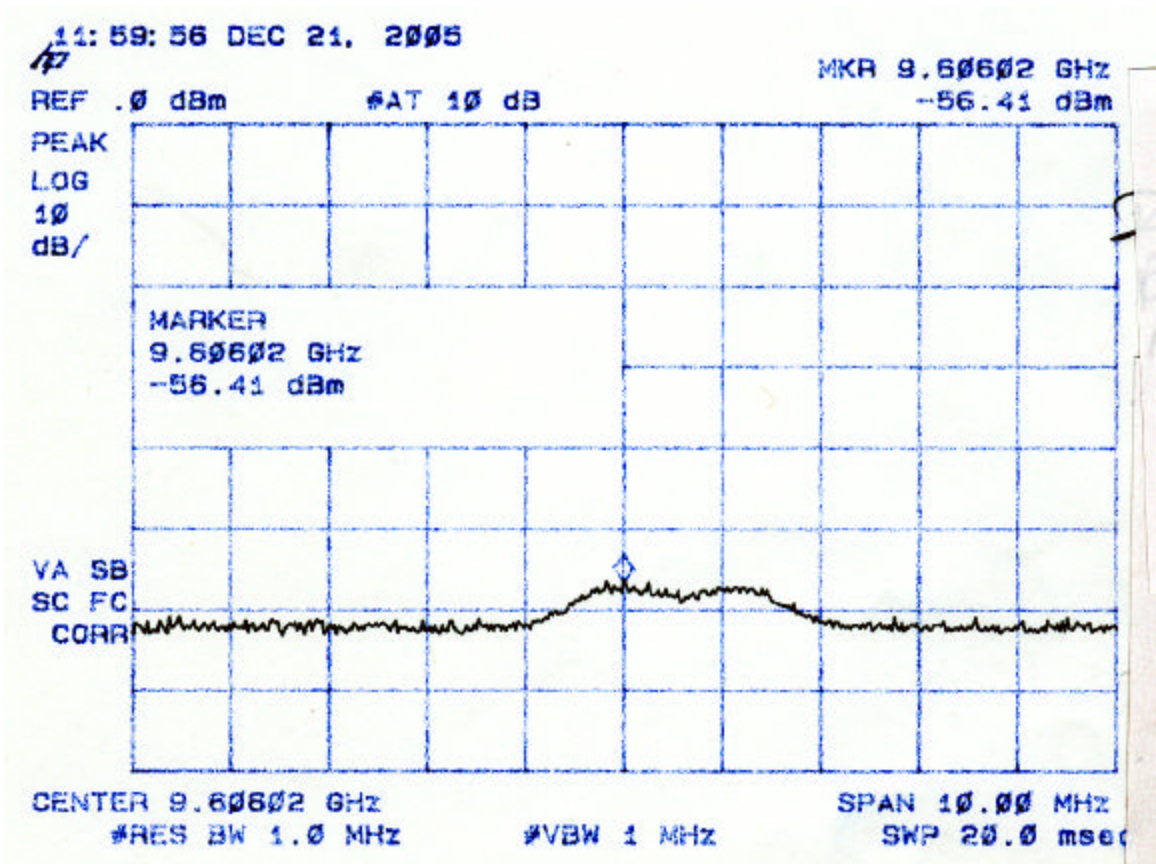


Table 4t. PEAK RADIATED SPURIOUS EMISSIONS (Mid)
Dipole Antenna

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Dipole Antenna-Mid Channel				Client:	Cirronet	
AT	Project:	05-0311	Class:		Peak	Model:	WIT2410G	
Frequency Range		Table	Model		S/N	Valid	Calibrated:	
		2hn3mh	Model : SAS-571		S/N 605	Yes	01 APR 05	
		preamp			S/N	Yes	June/30/2005	
		flex2ft			S/N	Yes	05/Dec/2005	
		flex17ft			S/N	Yes	05/Dec/2005	
Frequency	Test Data	AF	Test Data	AF+CA-AMP	Results	Limits	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	(dB)	/ QP
2435.75	-22.5	2hn3mh	84.5	31.7	645159.8			PK
4871.88	-48.9	2hn3mh	58.1	5.7	1550.0	5000.0	10.2	PK
7307.6	-48.0	2hn3mh	59.0	10.9	3097.9	5000.0	4.2	PK**
9742.22	-65.0	2hn3mh	42.1	13.5	596.7	64516.0	40.7	PK**

Data corrected by 0.1 dB for loss of high pass filter, except to fundamental

** Conversion from 1 meter to 3 meters = -9.54 dB

SAMPLE CALCULATION:

RESULTS (uV/m @ 3m) = Antilog $((-48.9 + 5.7 + 107)/20)$ = 1550.0

CONVERSION FROM dBm TO dBuV = 107 dB

Tester
Signature: _____



Name: Austin Thompson

Figure 4t – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Mid –
Dipole Antenna

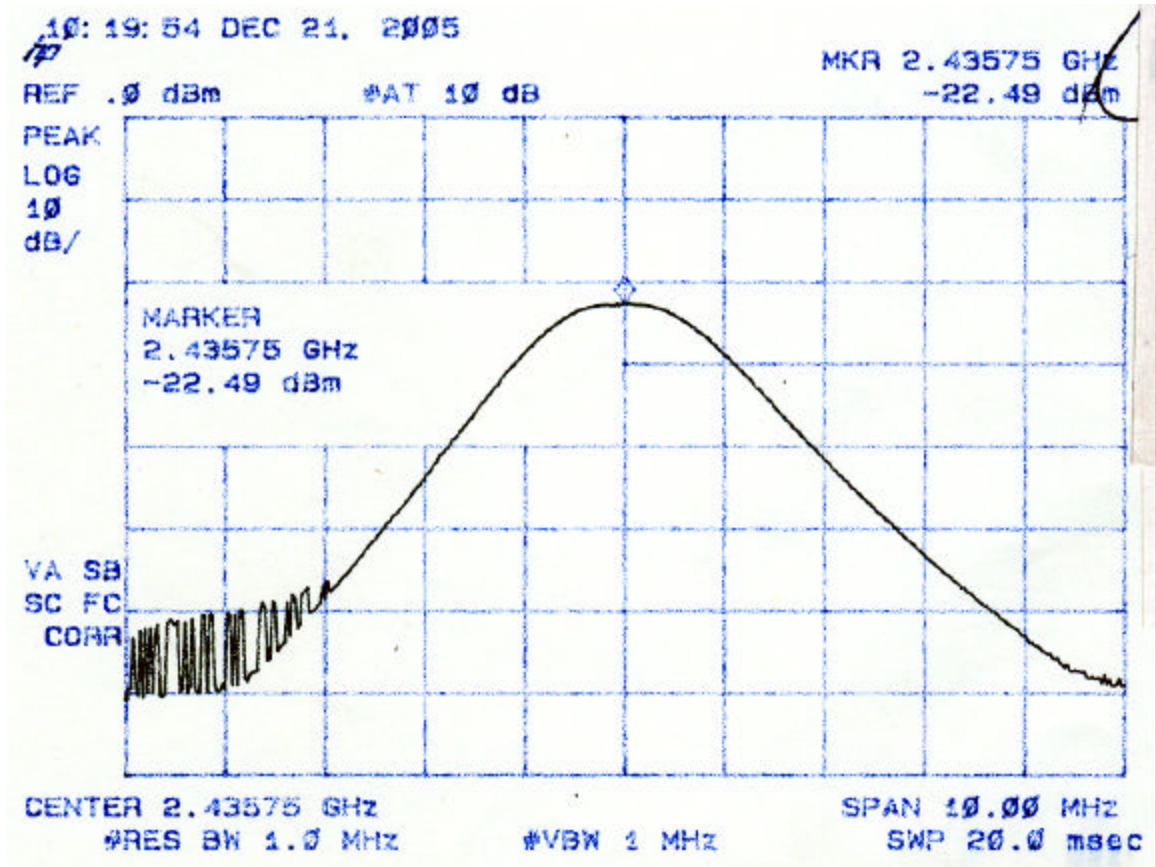


Figure 4t - 2
Peak Radiated Spurious Emission 15.247(c) Mid -
Dipole Antenna

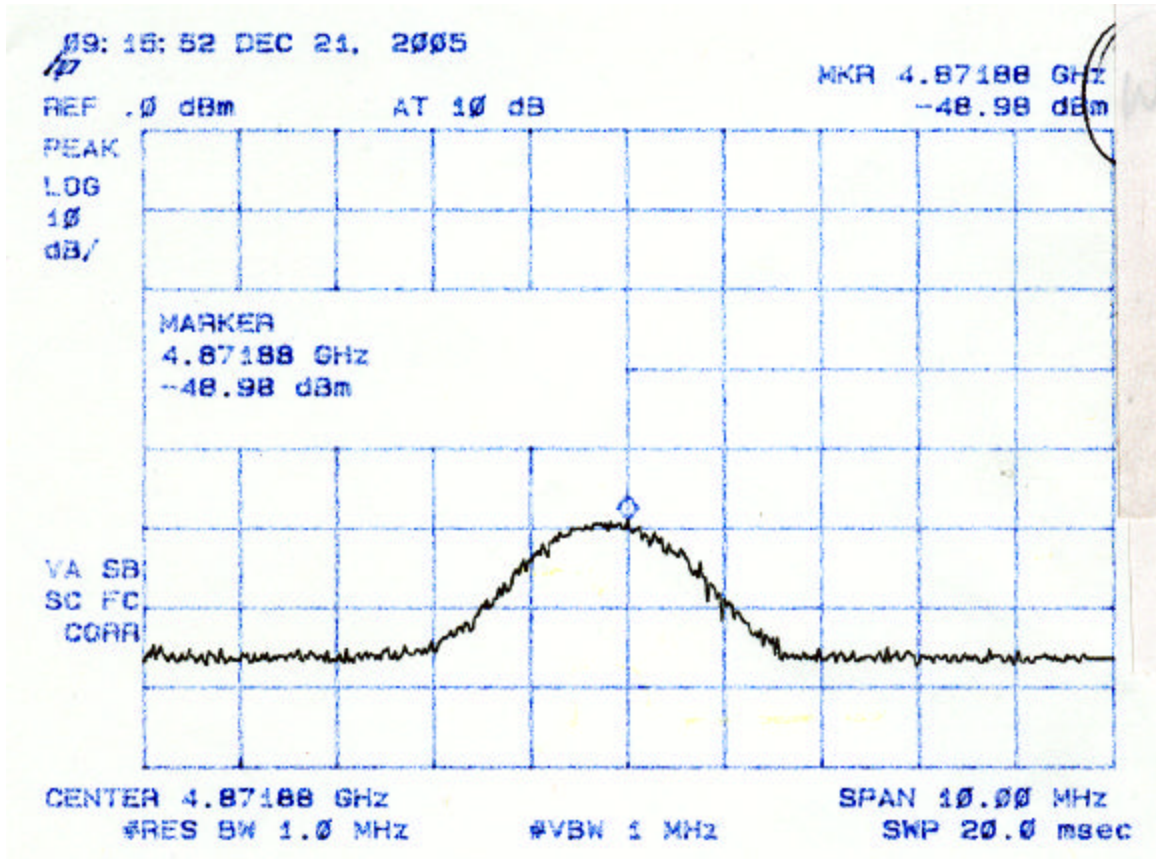


Figure 4t – 3
Peak Radiated Spurious Emission 15.247(c) Mid –
Dipole Antenna

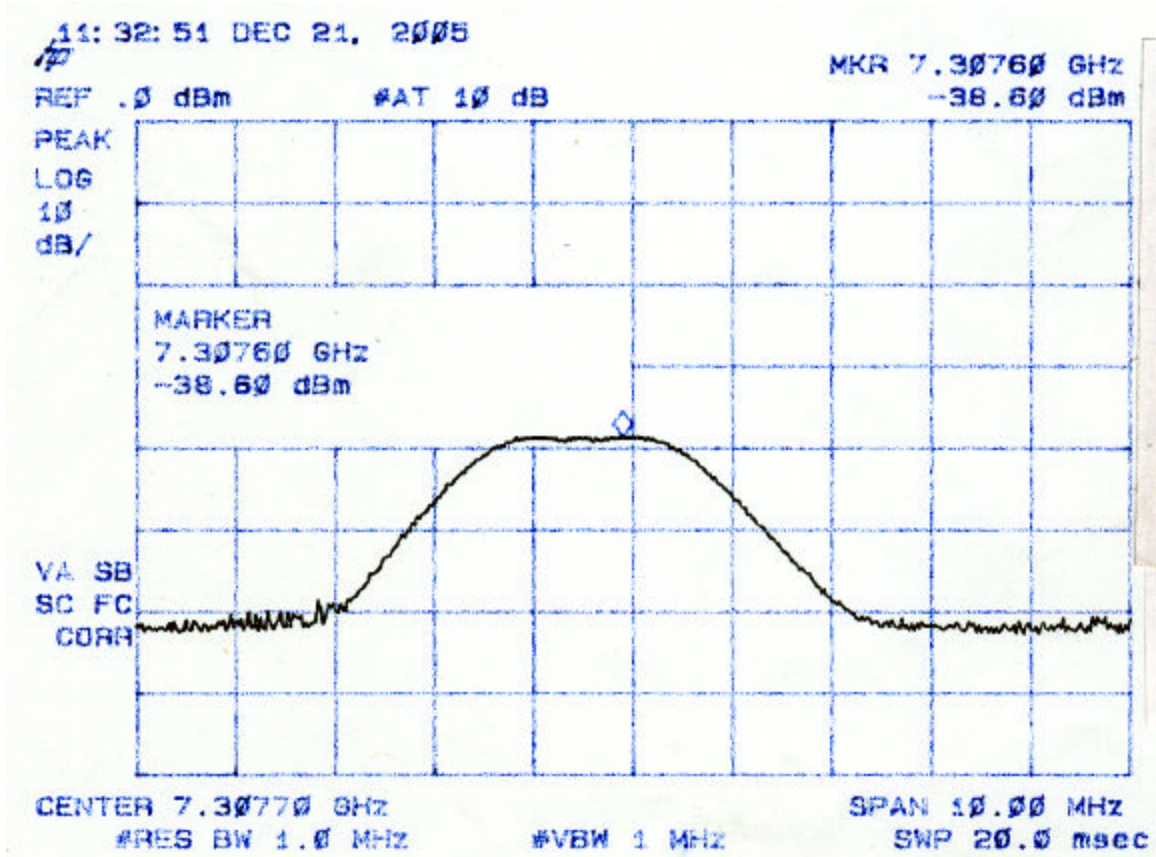


Figure 4t – 4
Peak Radiated Spurious Emission 15.247(c) Mid –
Dipole Antenna

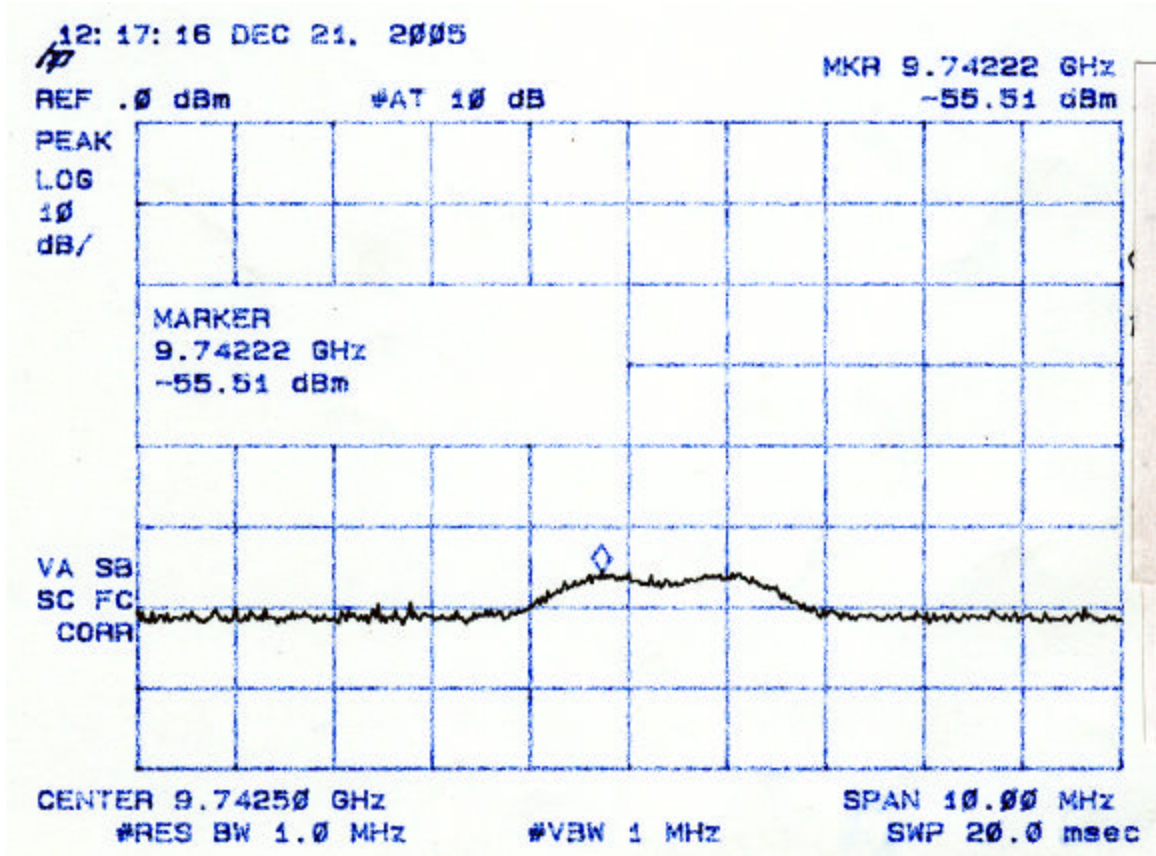


Table 4u. PEAK RADIATED SPURIOUS EMISSIONS (High)
Dipole Antenna

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Dipole Antenna-High Channel			Client:	Cirronet		
AT	Project:	05-0311	Class:	Peak	Model:	WIT2410G		
Frequency Range		Table	Model		S/N	Valid	Calibrated:	
		2hn3mh	Model : SAS-571		S/N 605	Yes	01 APR 05	
		preamp			S/N	Yes	June/30/2005	
		flex2ft			S/N	Yes	05/Dec/2005	
		flex17ft			S/N	Yes	05/Dec/2005	
Frequency	Test Data	AF	Test Data	AF+CA-AMP	Results	Limits	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	(dB)	/ QP
2469.78	-22.5	2hn3mh	84.5	31.7	648622.2			PK
4939.83	-46.2	2hn3mh	60.8	5.9	2159.5	5000.0	7.3	PK
7409.88	-47.0	2hn3mh	60.0	11.0	3537.9	5000.0	3.0	PK**
9879.85	-68.6	2hn3mh	38.4	13.6	399.4	64862.2	44.2	PK**

Data corrected by 0.1 dB for loss of high pass filter, except to fundamental

** Conversion from 1 meter to 3 meters = -9.54 dB

SAMPLE CALCULATION:

RESULTS (uV/m @ 3m) = Antilog $((-46.2 + 5.9 + 107)/20)$ = 2159.5

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: _____



Name: Austin Thompson

Figure 4u – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental High –
Dipole Antenna

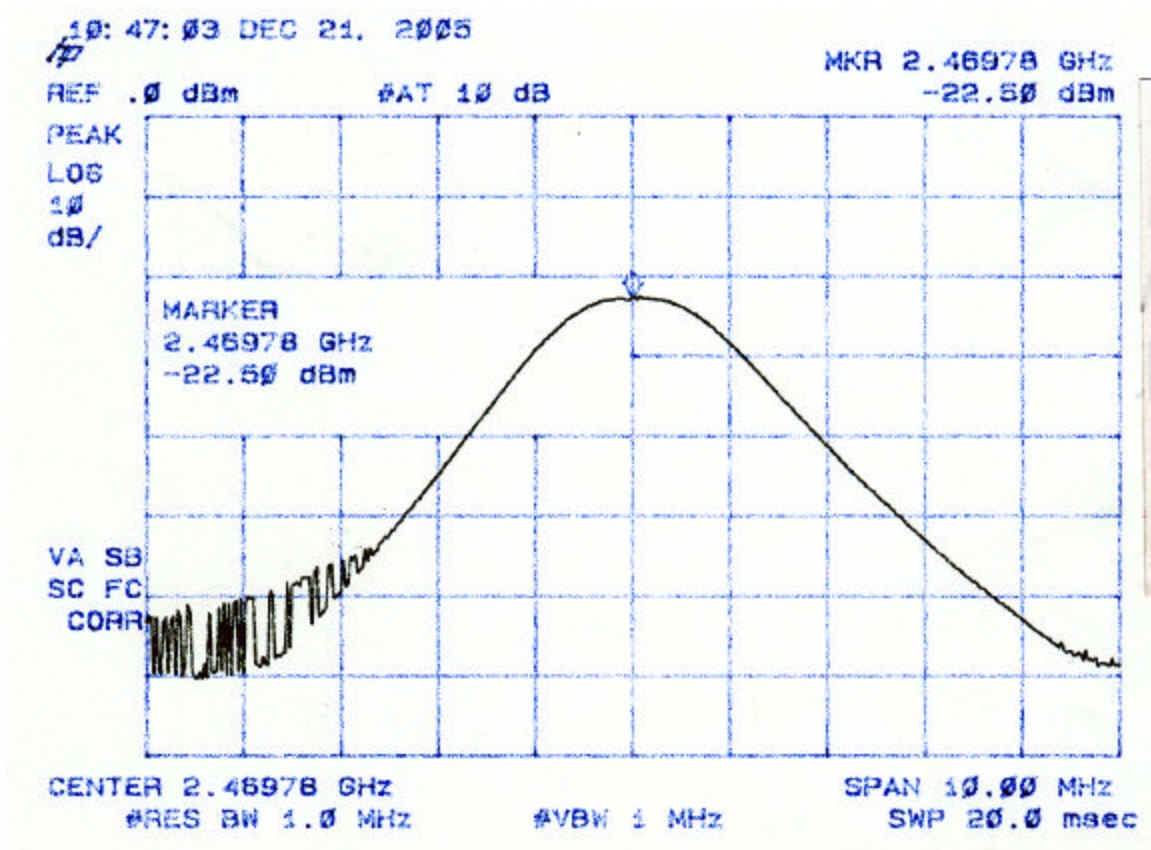


Figure 4u – 2
Peak Radiated Spurious Emission 15.247(c) High –
Dipole Antenna

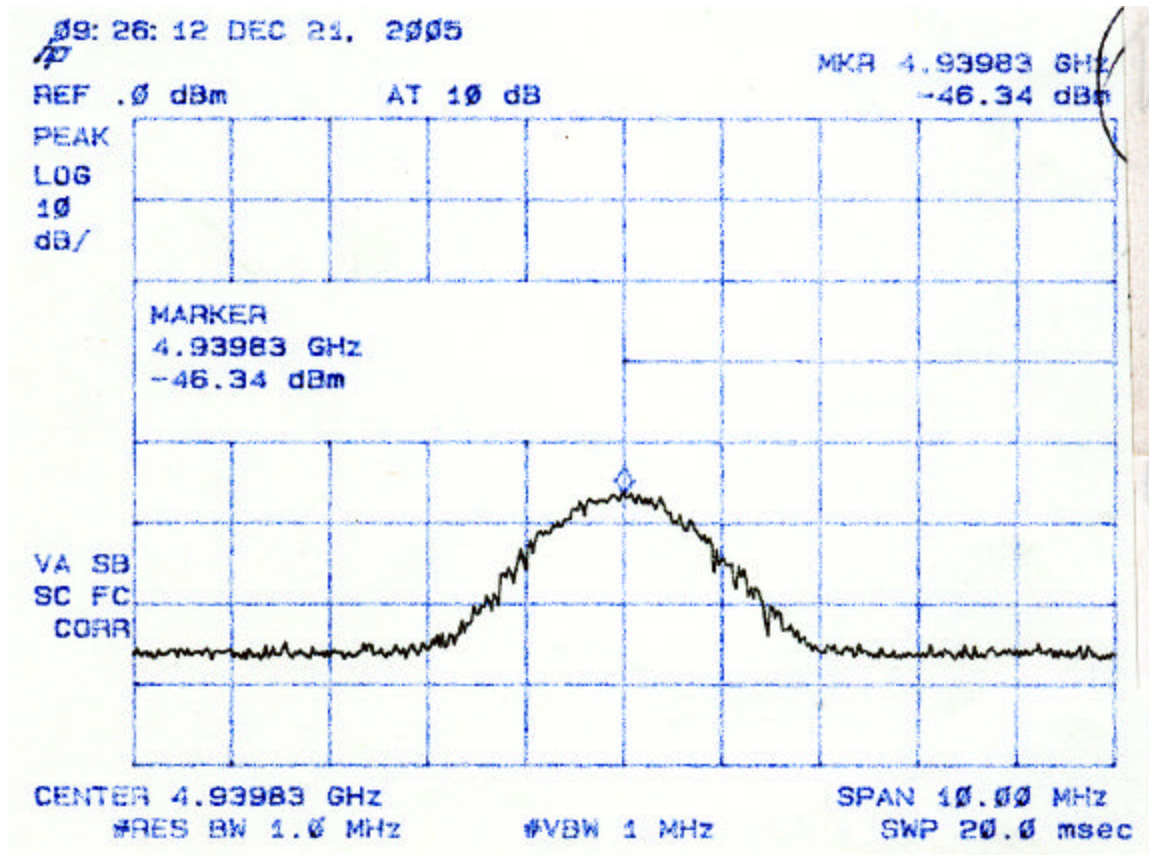


Figure 4u – 3
Peak Radiated Spurious Emission 15.247(c) High –
Dipole Antenna

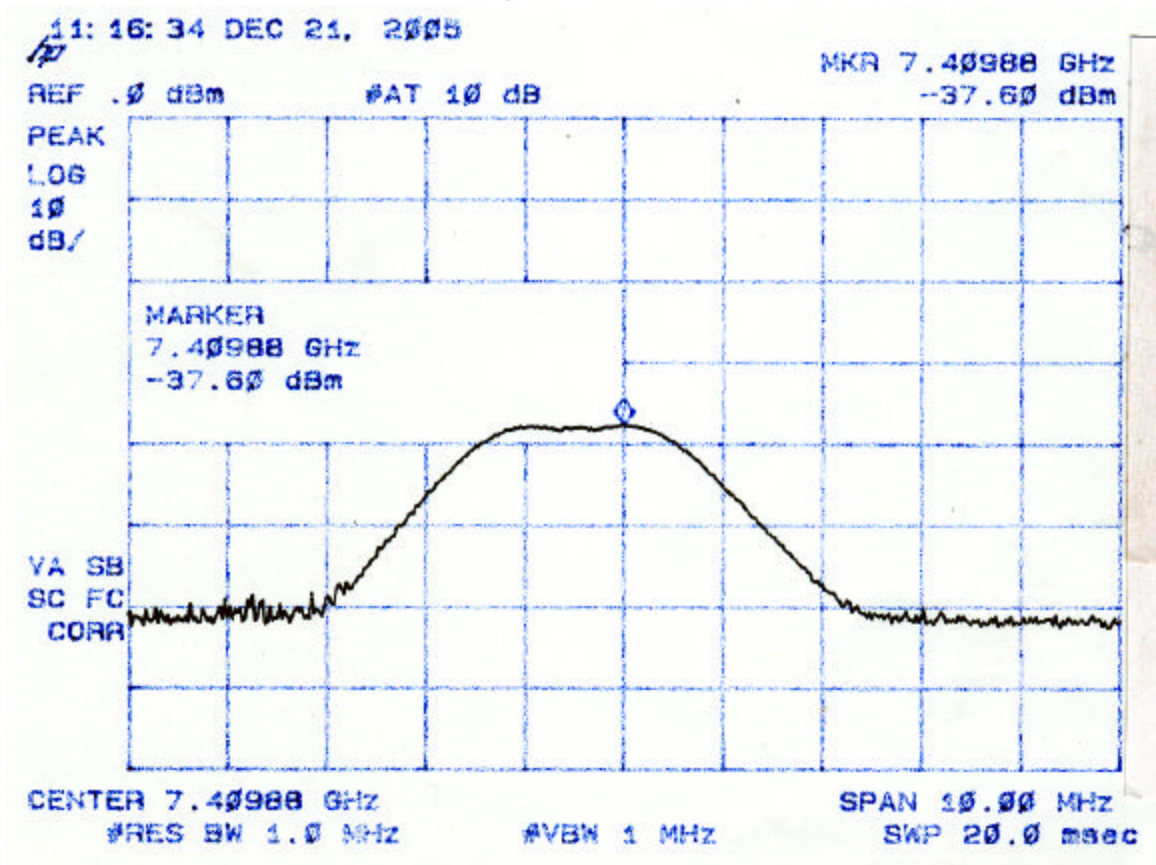


Figure 4u – 4
Peak Radiated Spurious Emission 15.247(c) High –
Dipole Antenna

