

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:	06-0003	Class:	Peak	Model:	WIT2450		
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
2401.83	-20.1	2hn3mh	86.9	31.6	844989.9			PK
4801.963	-48.7	2hn3mh	58.3	5.4	1545.1	5000.0	10.2	PK
7215	-53.2	2hn3mh	53.8	10.7	1685.1	84499.0	34.0	PK**
9617.275	-55.5	2hn3mh	51.5	13.3	1749.5	84499.0	33.7	PK**
12018.78	-69.1	2hn3mh	37.9	19.0	694.8	5000.0	17.1	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 ((-48.7 + 5.4 + 107)/20) = 1545.1

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: _____



Name: Austin Thompson

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

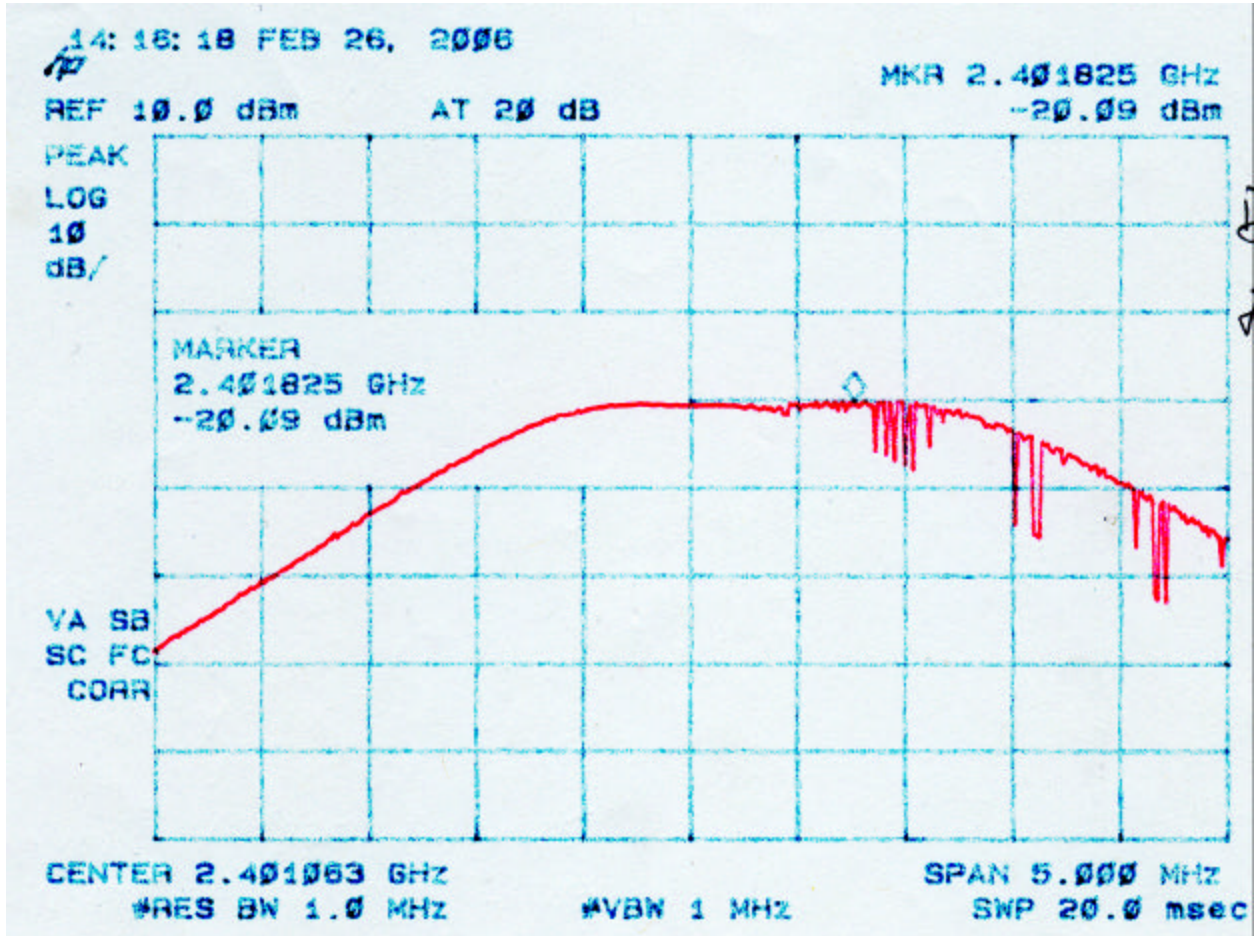


Figure 4s – 2
Peak Radiated Spurious Emission 15.247(c) Low – Dipole Antenna

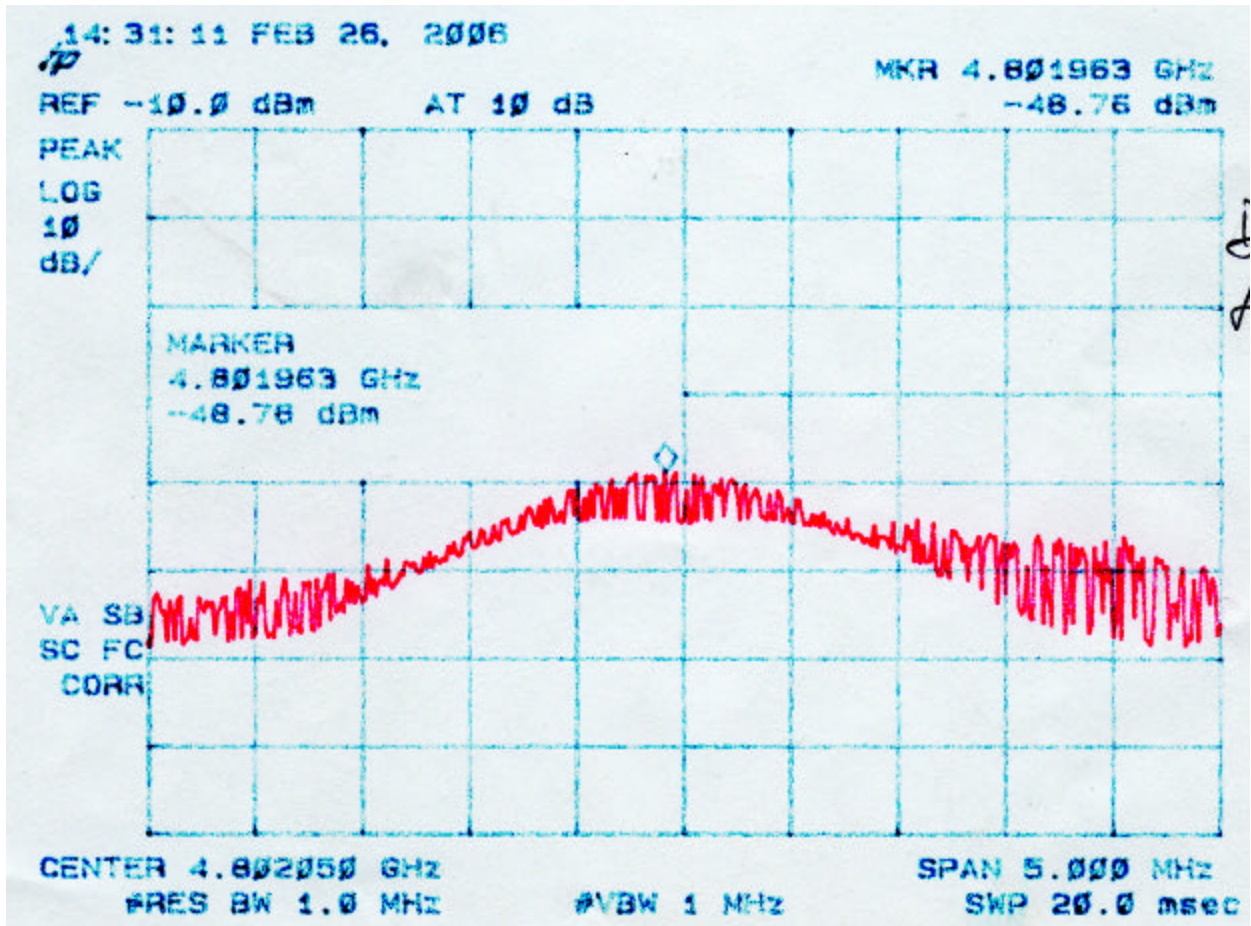


Figure 4s – 3
Peak Radiated Spurious Emission 15.247(c) Low – Dipole Antenna

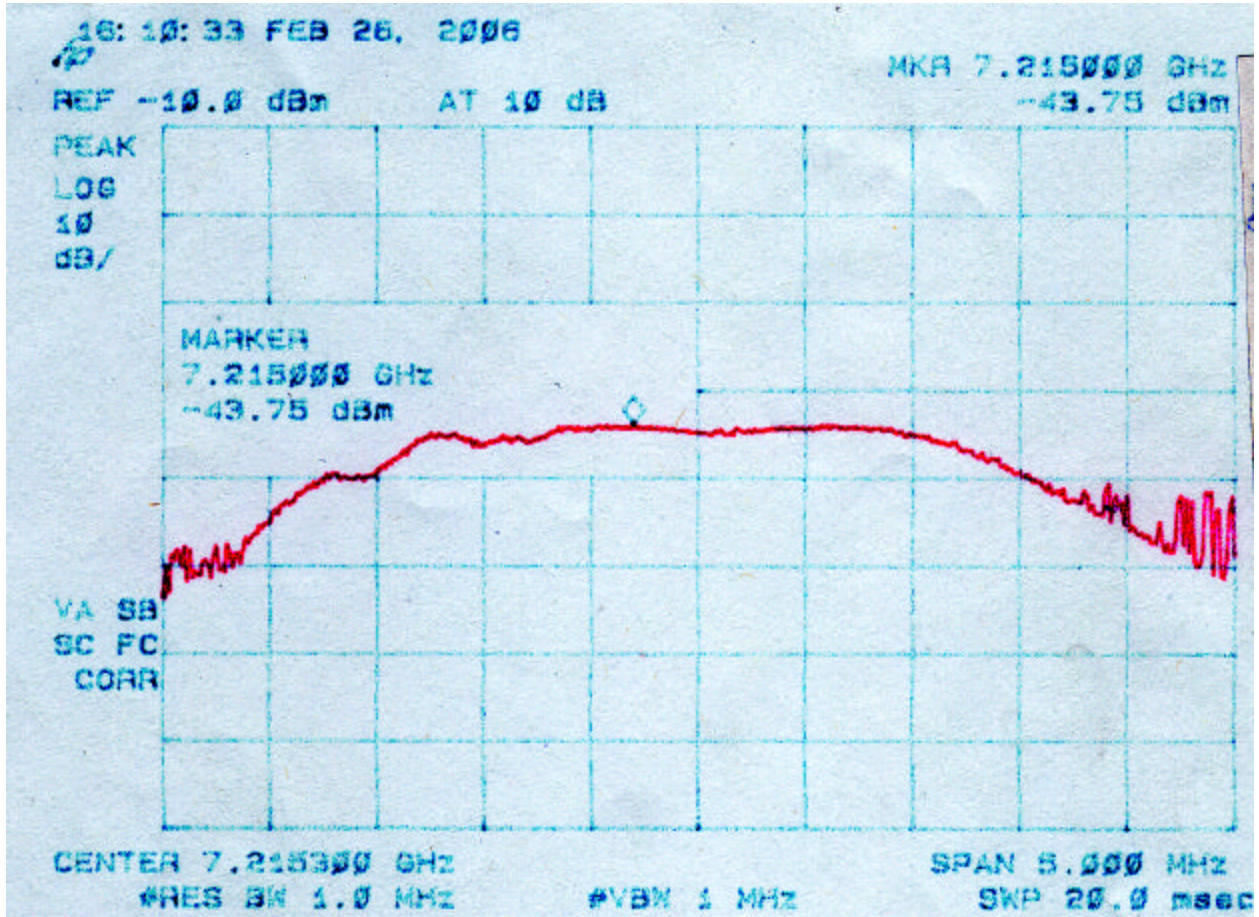


Figure 4s – 4
Peak Radiated Spurious Emission 15.247(c) Low – Dipole Antenna

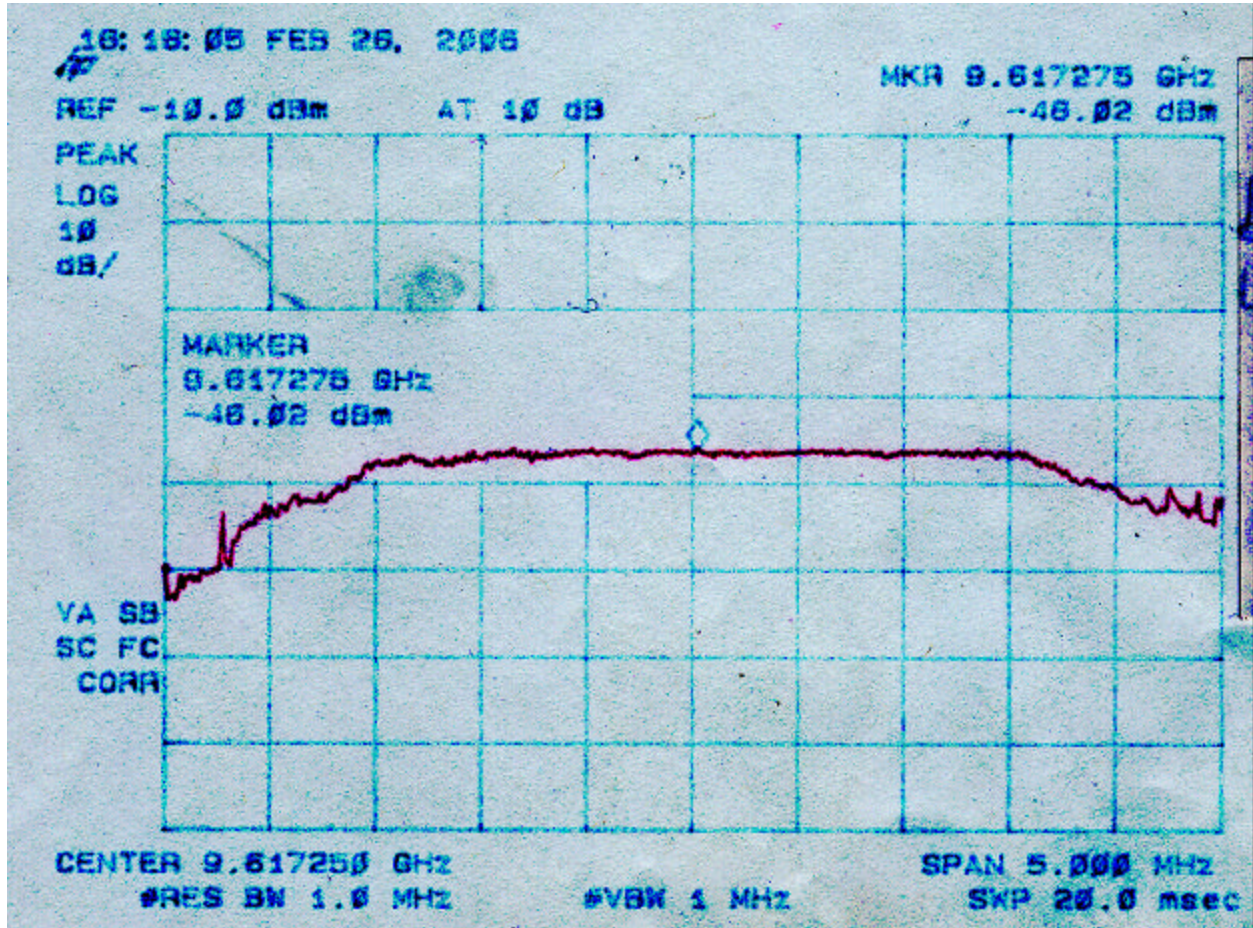
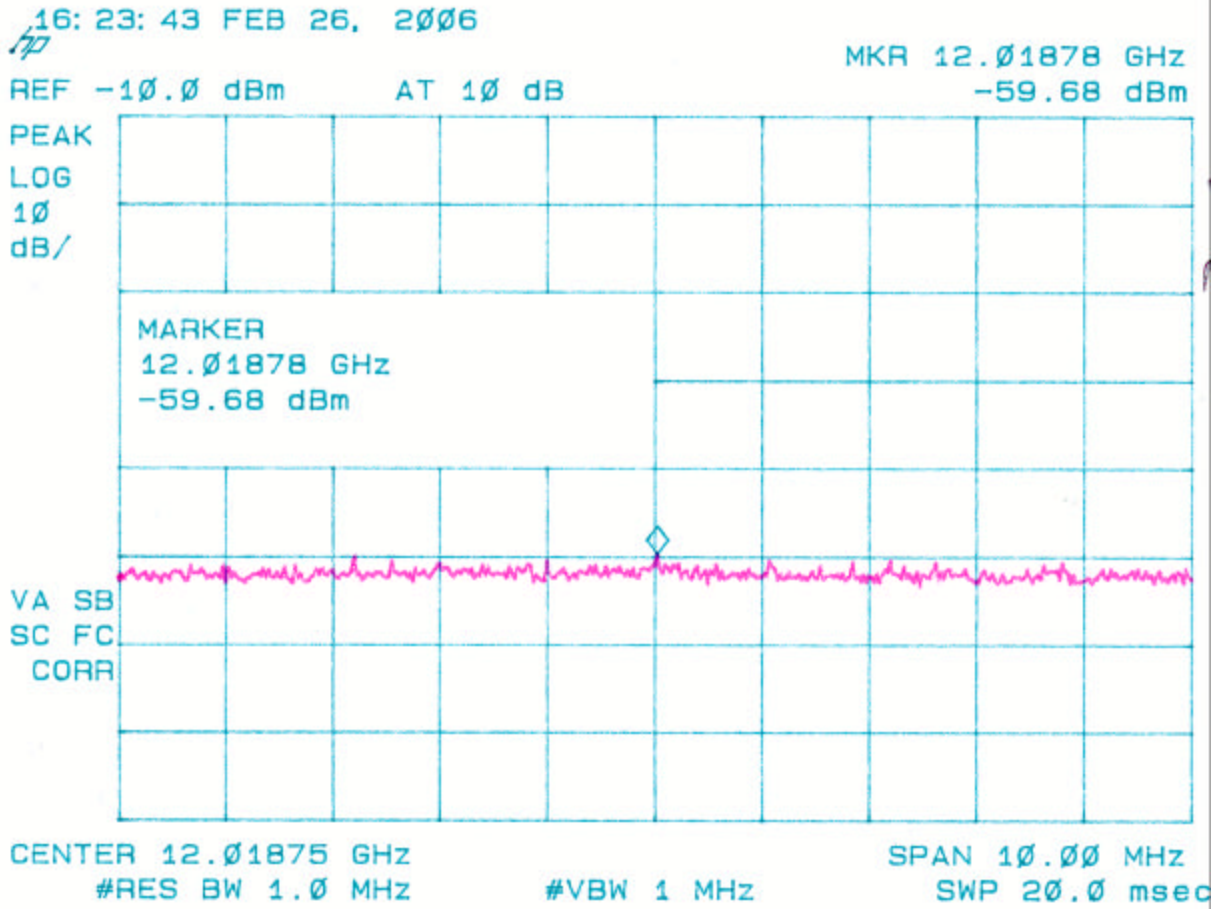


Figure 4s – 5
Peak Radiated Spurious Emission 15.247(c) Low – Dipole Antenna



**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:	06-0003	Class:	Peak	Model:	WIT2450		
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
2432.98	-20.4	2hn3mh	86.6	31.7	820232.5			PK
4866.213	-49.8	2hn3mh	57.2	5.7	1391.0	5000.0	11.1	PK
7297.513	-57.5	2hn3mh	49.5	10.8	1044.3	5000.0	13.6	PK**
9727.862	-52.3	2hn3mh	54.7	13.4	2543.6	82023.3	30.2	PK**
12162.78	-68.0	2hn3mh	39.0	19.2	815.1	5000.0	15.8	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 ((-49.8 + 5.7 + 107)/20) = 1391.0

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: _____



Name: Austin Thompson

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

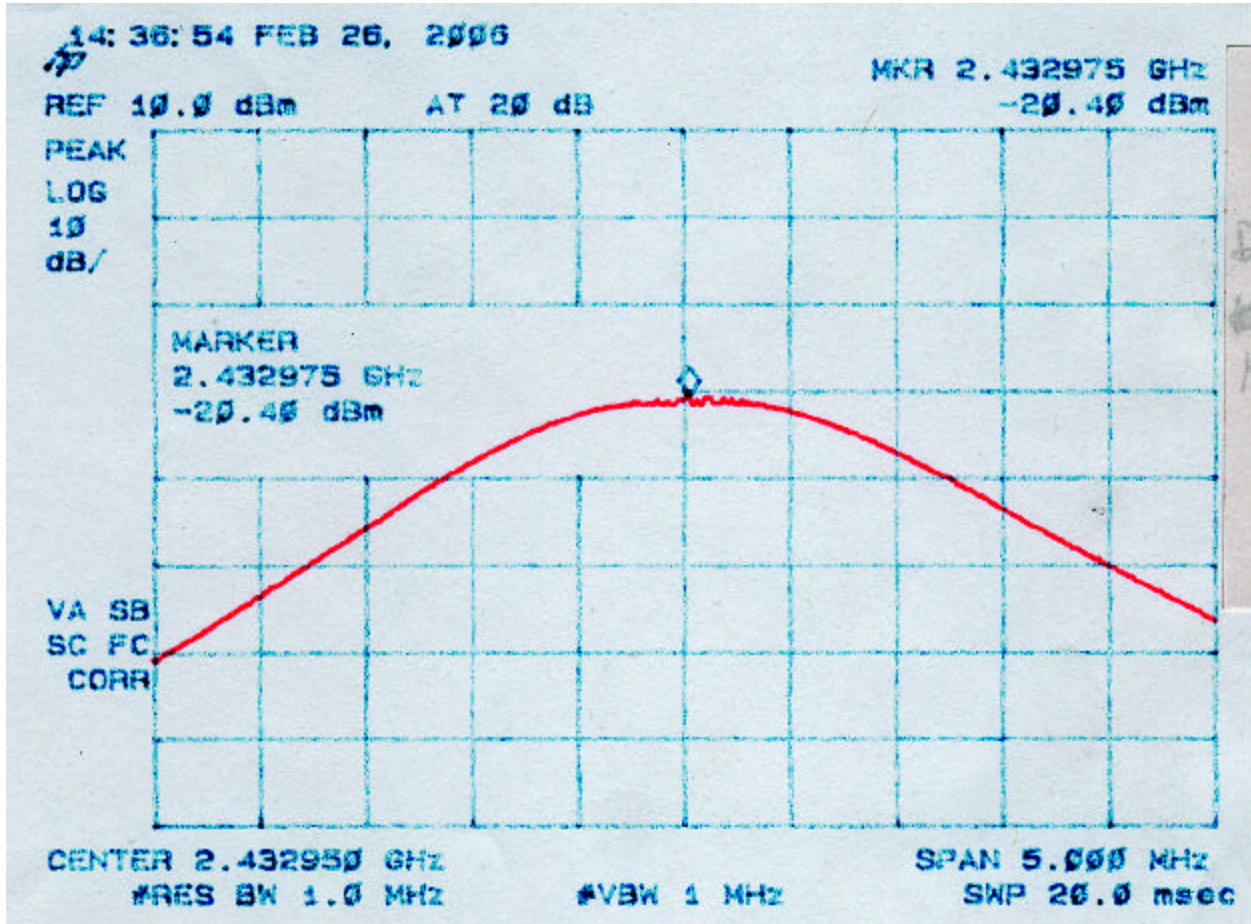


Figure 4t – 2
Peak Radiated Spurious Emission 15.247(c) Mid – Dipole Antenna

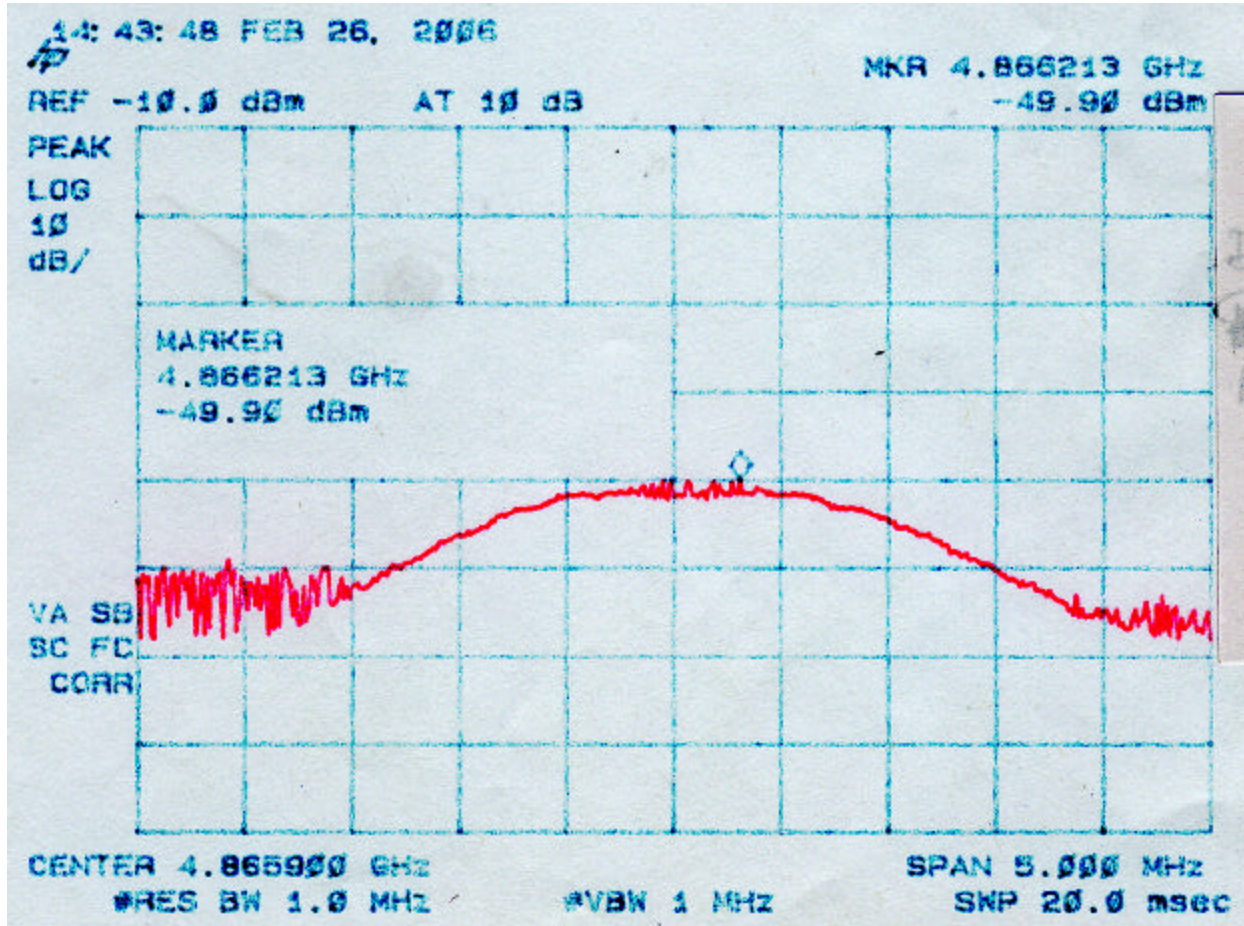


Figure 4t – 3
Peak Radiated Spurious Emission 15.247(c) Mid – Dipole Antenna

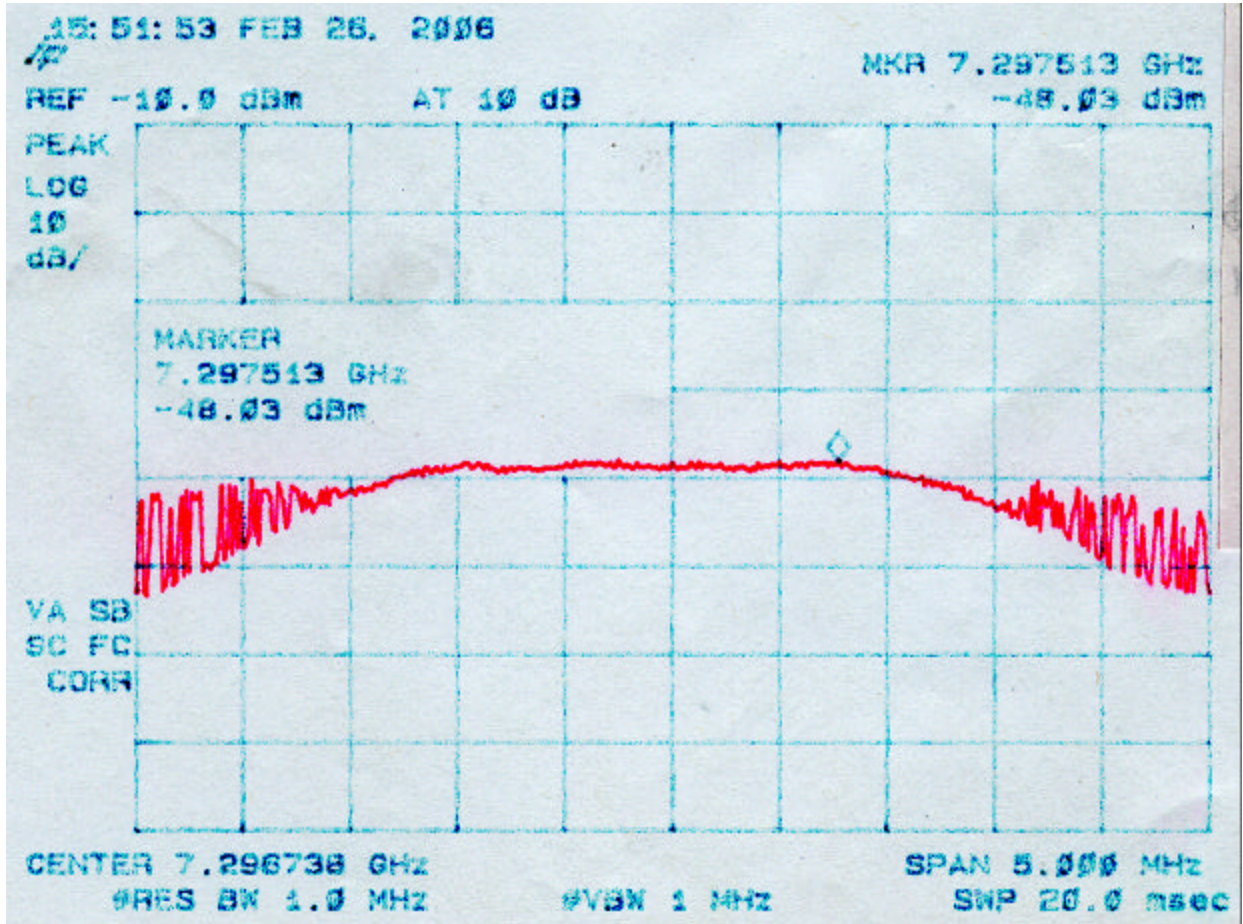


Figure 4t – 4
Peak Radiated Spurious Emission 15.247(c) Mid – Dipole Antenna

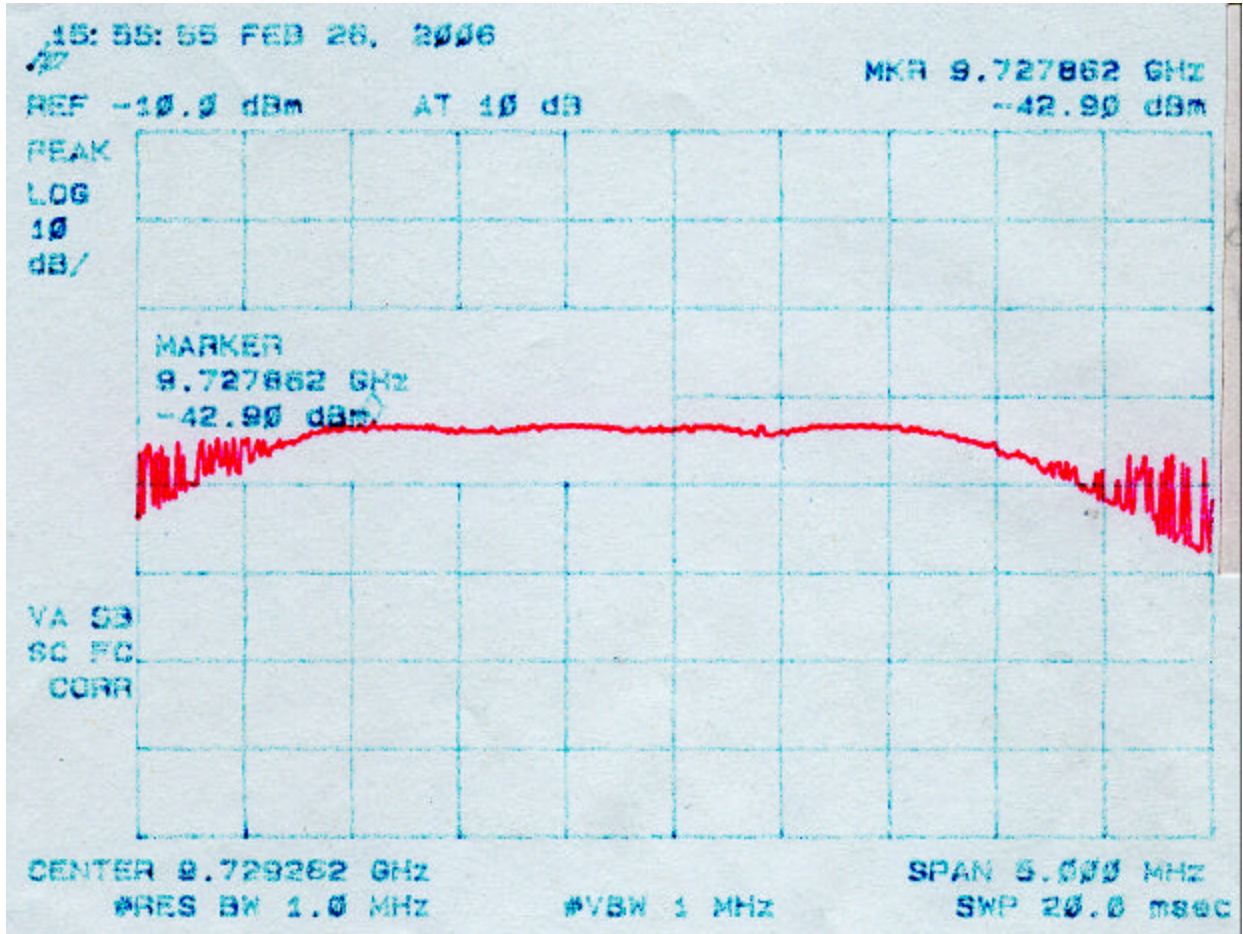
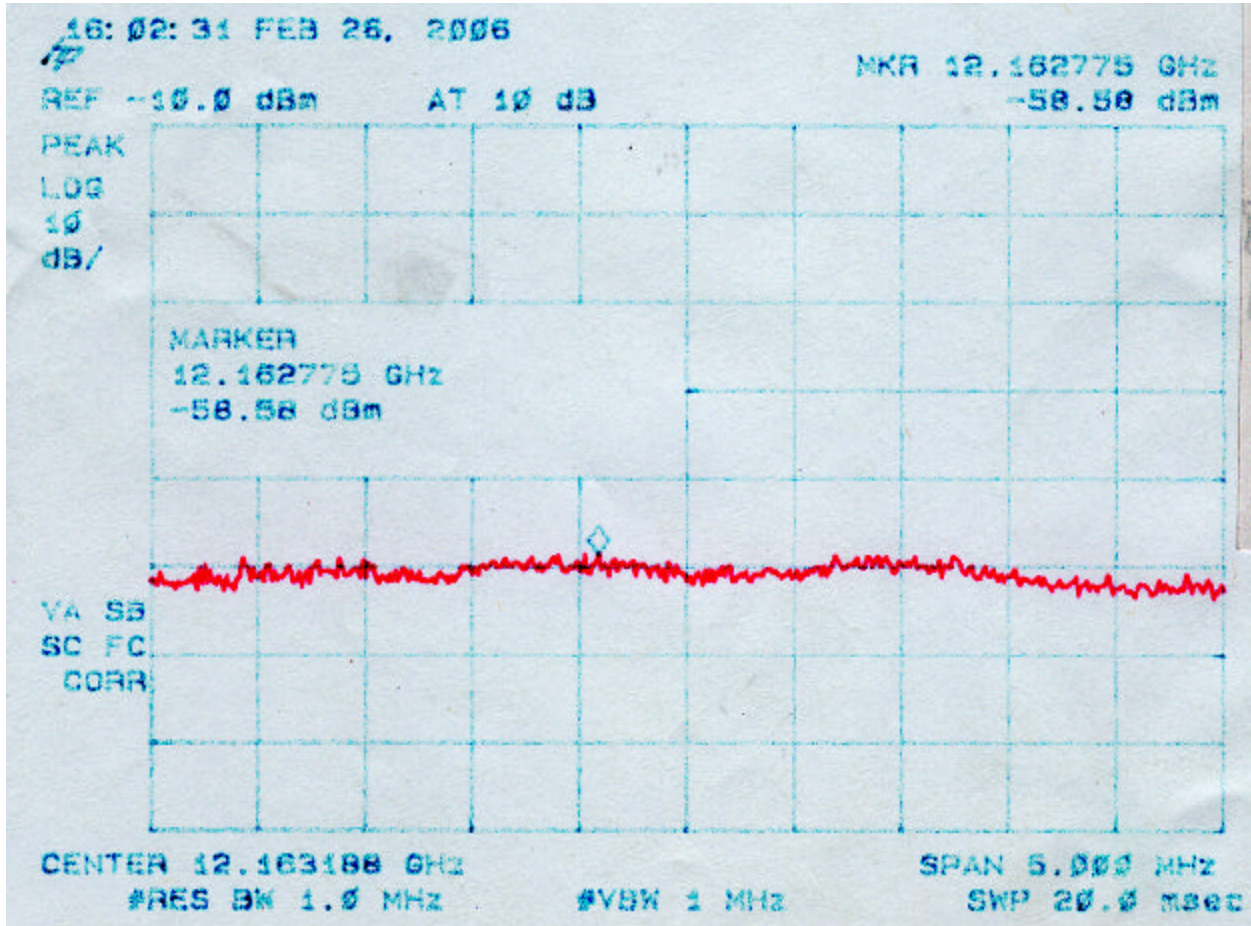


Figure 4t – 5
Peak Radiated Spurious Emission 15.247(c) Mid – Dipole Antenna



**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:	06-0003	Class:	Peak	Model:	WIT2450		
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
2475.21	-22.0	2hn3mh	85.0	31.7	684609.2			PK
4951	-47.7	2hn3mh	59.3	6.0	1833.7	5000.0	8.7	PK
7425.813	-58.4	2hn3mh	48.6	11.0	958.2	5000.0	14.4	PK**
9901.437	-53.3	2hn3mh	53.7	13.7	2334.5	68460.9	29.3	PK**
12378.13	-66.9	2hn3mh	40.1	19.7	977.5	5000.0	14.2	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 ((-47.7 + 6.0 +107)/20) = 1833.7

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: _____



Name: Austin Thompson

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

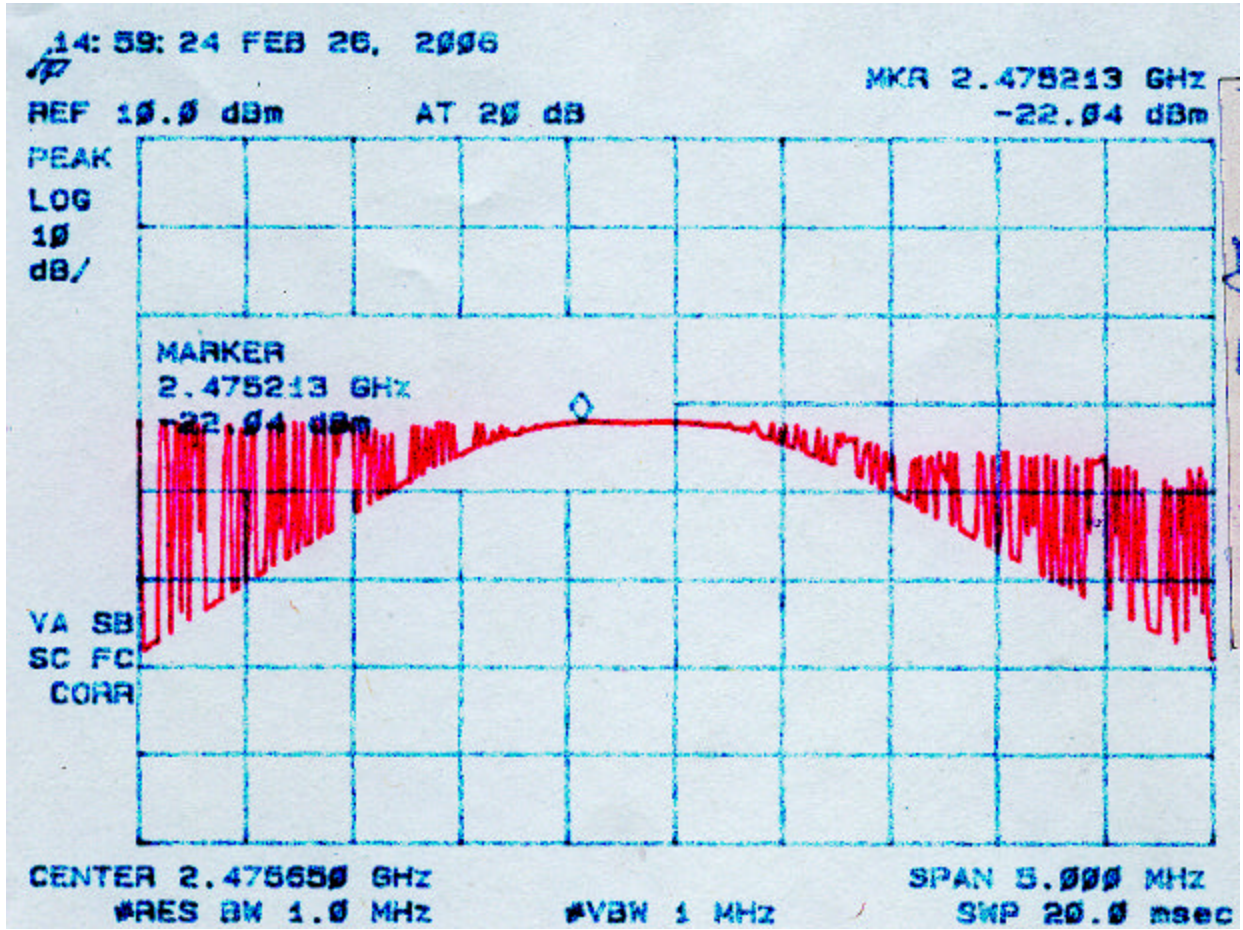


Figure 4u – 2
Peak Radiated Spurious Emission 15.247(c) High – Dipole Antenna

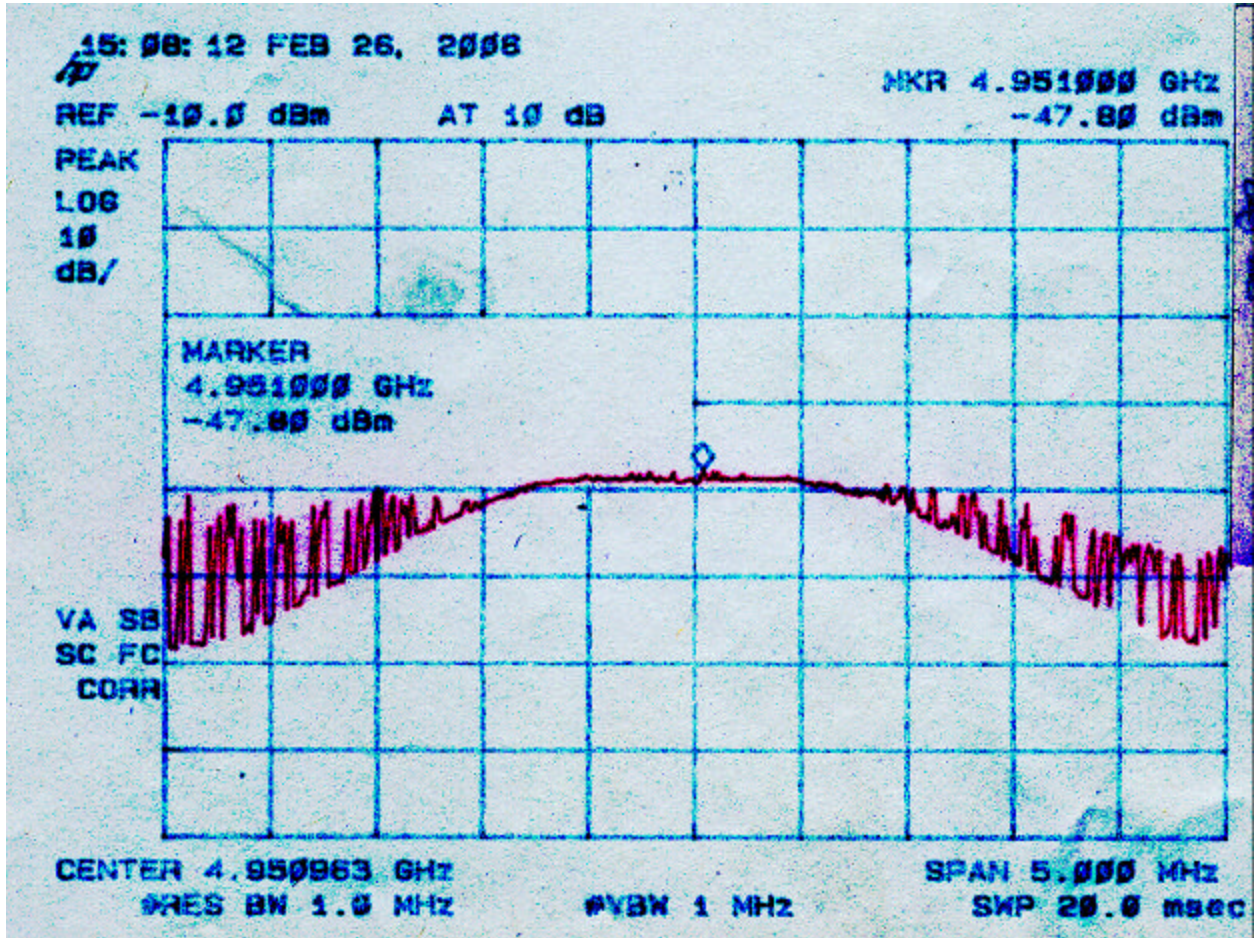


Figure 4u – 3
Peak Radiated Spurious Emission 15.247(c) High – Dipole Antenna

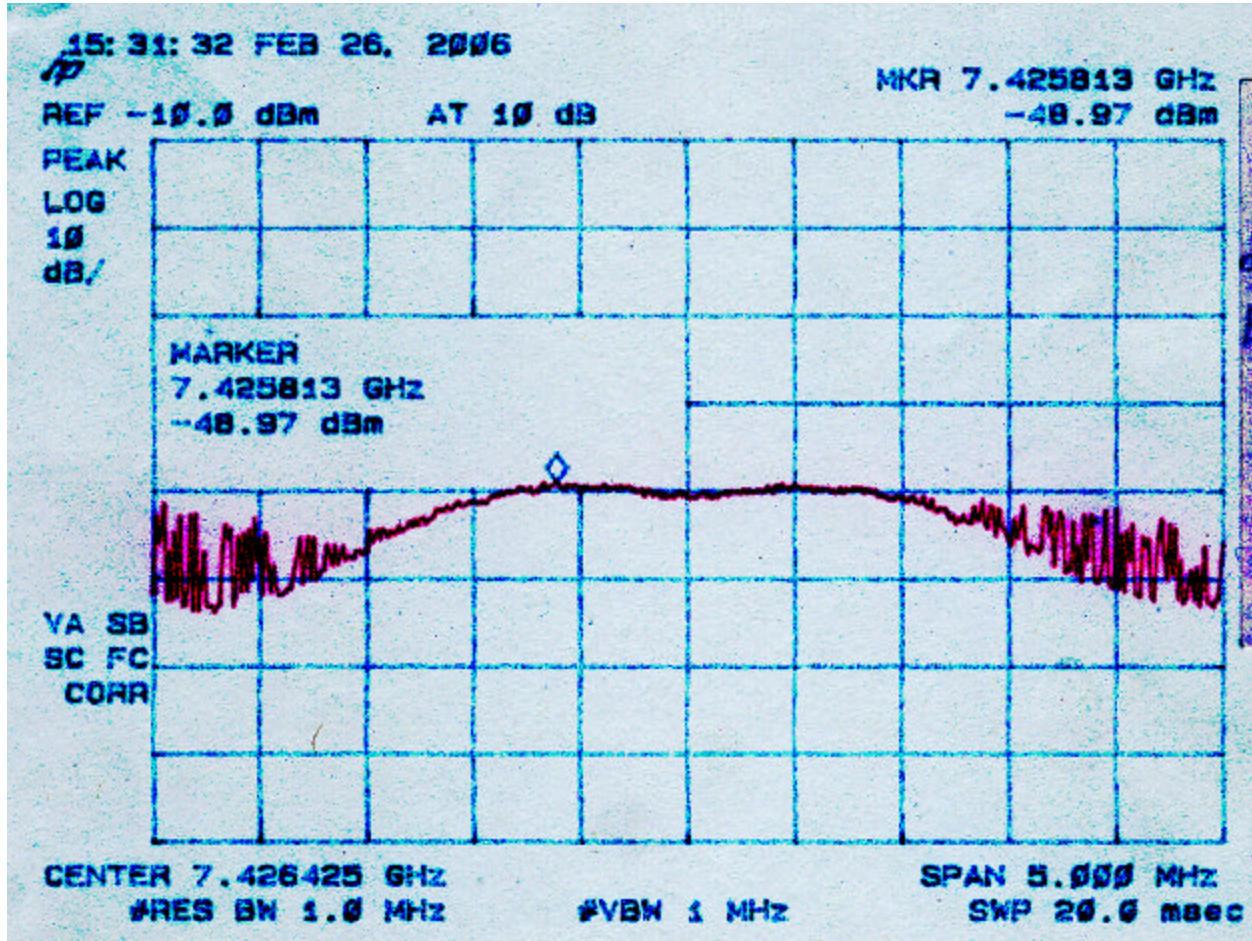


Figure 4u – 4
Peak Radiated Spurious Emission 15.247(c) High – Dipole Antenna

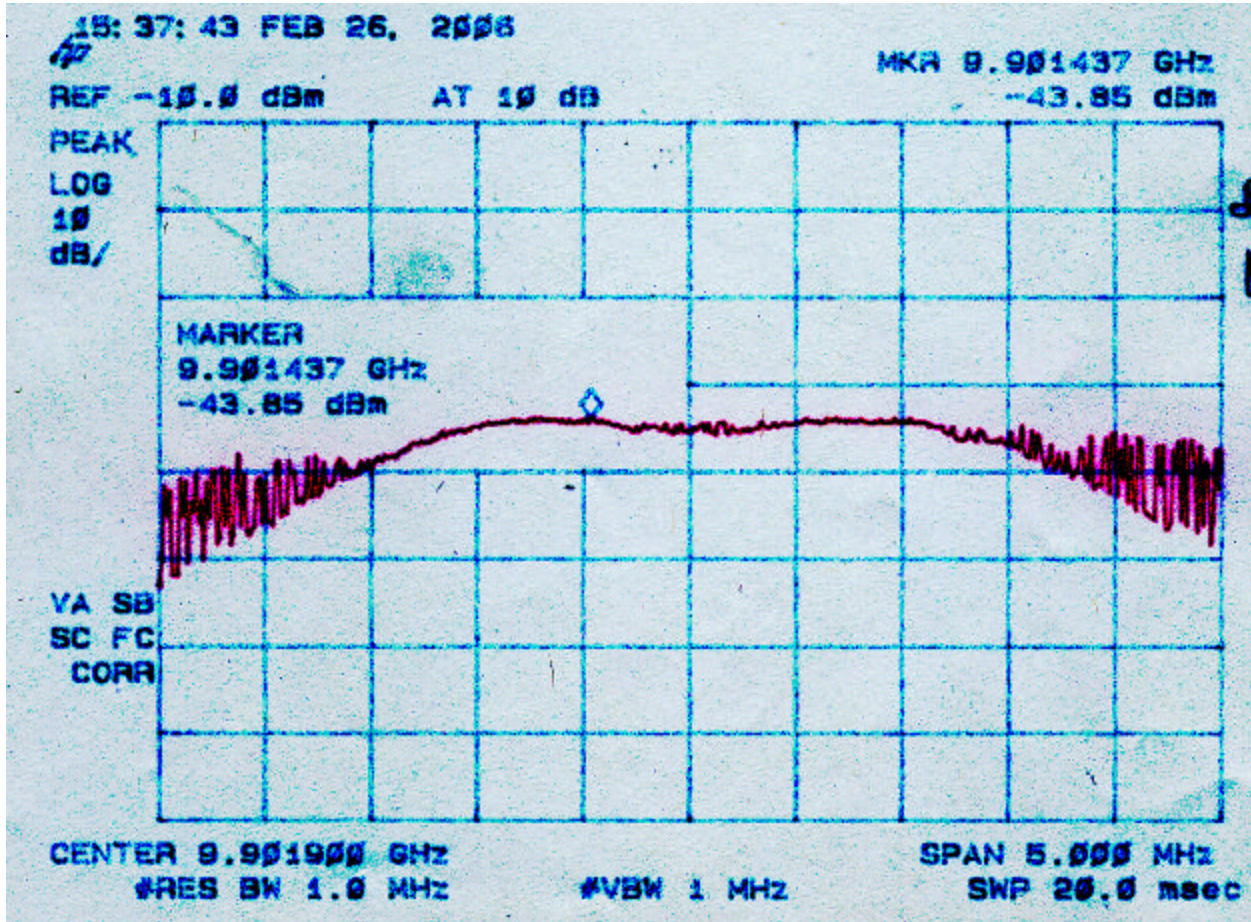


Figure 4u – 5
Peak Radiated Spurious Emission 15.247(c) High – Dipole Antenna

