

Figure 4g – 3
Peak Radiated Spurious Emission 15.247(c) Low –
Omni Antenna

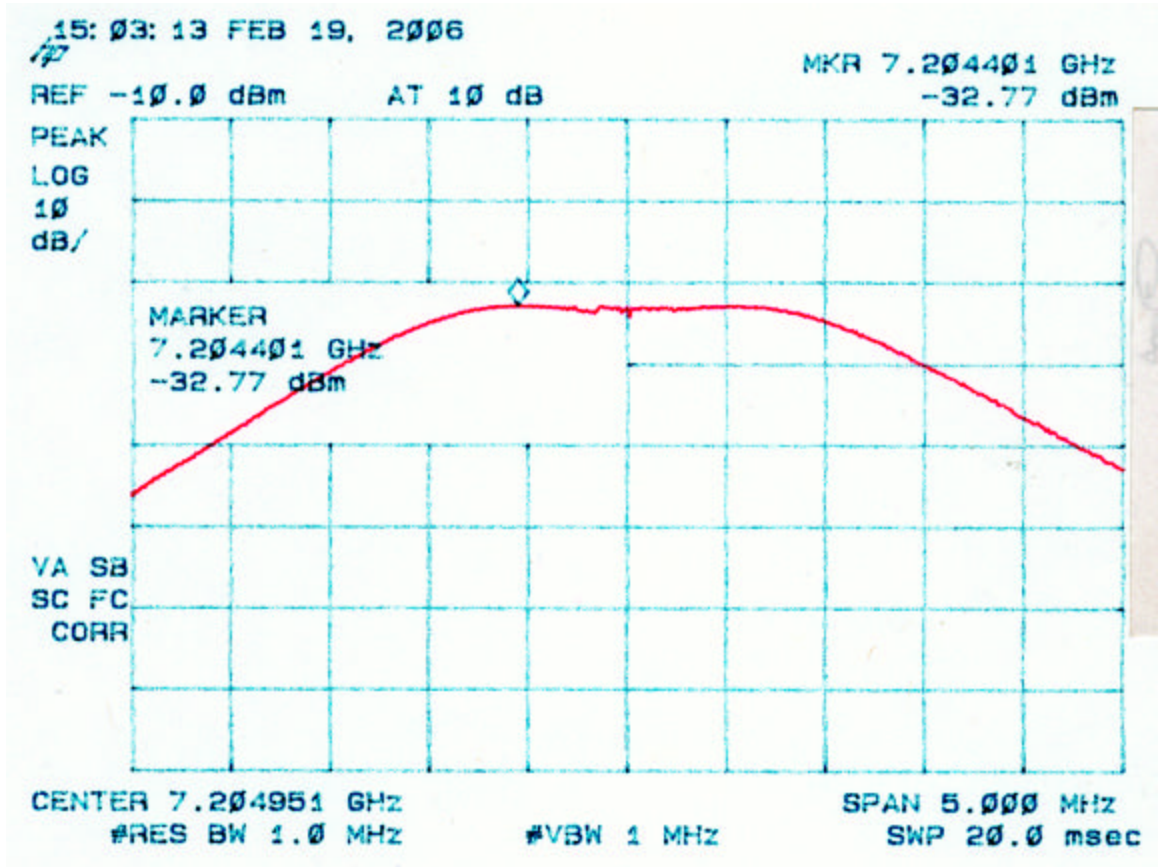


Figure 4d – 4
Peak Radiated Spurious Emission 15.247(c) Low – Omni Antenna

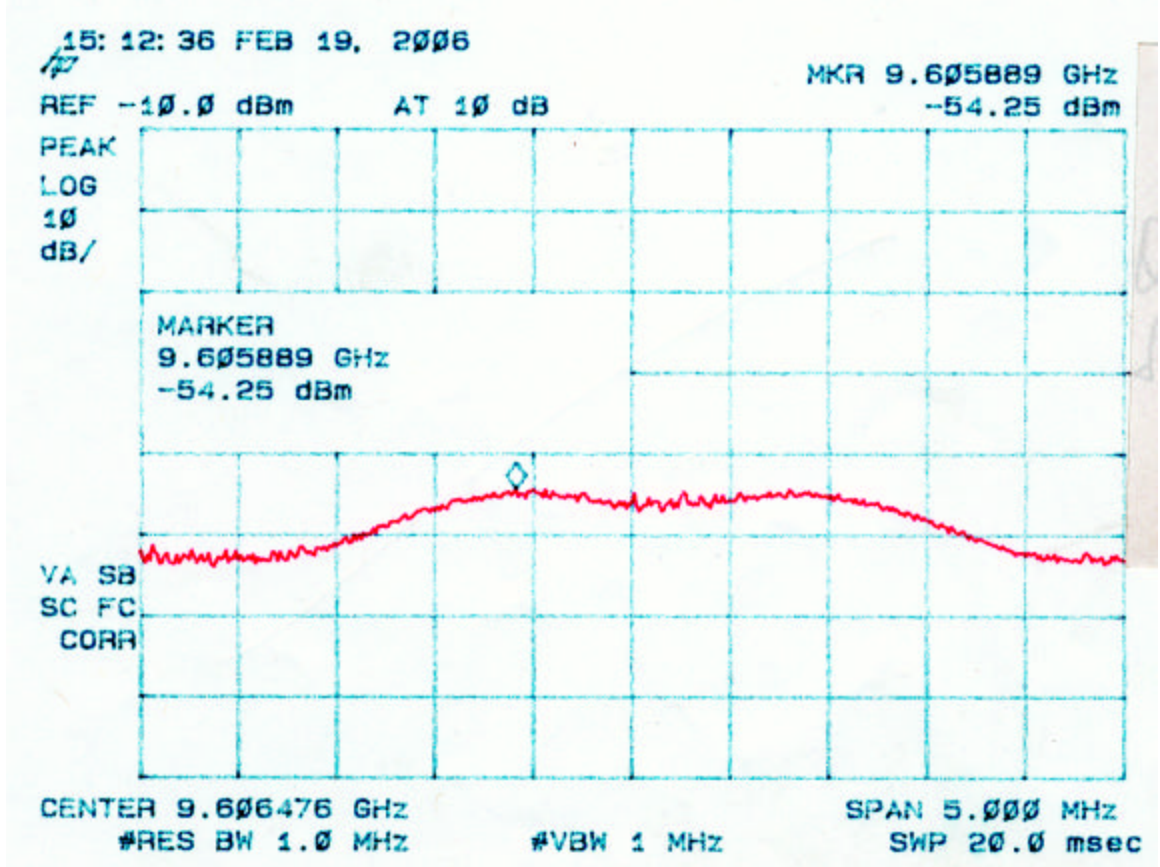
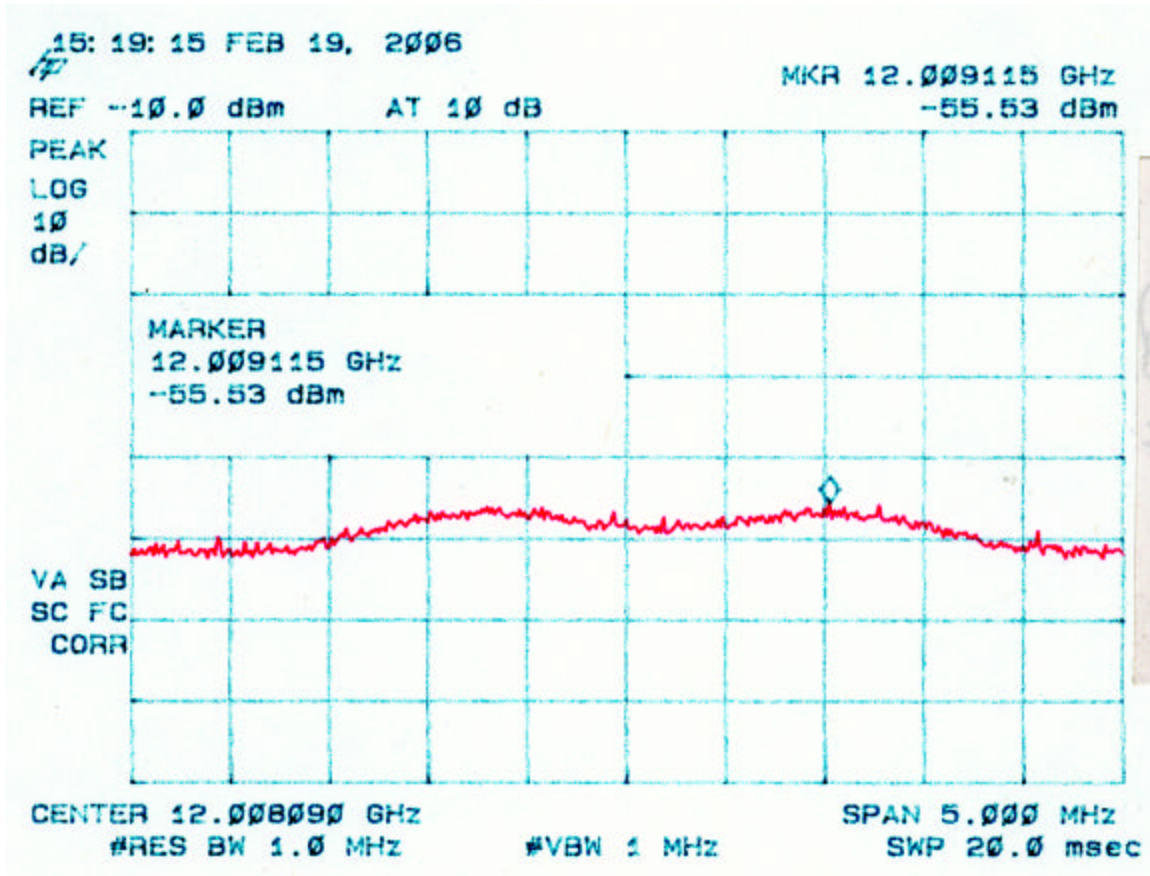


Figure 4d – 5
Peak Radiated Spurious Emission 15.247(c) Low – Omni Antenna



**Table 4h. PEAK RADIATED SPURIOUS EMISSIONS (Mid)
Omni Antenna**

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Omni Antenna-Mid Channel			Client:	Cirronet		
AT	Project:	06-0037	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			
	flex7ft		S/N	Yes	05/Dec/2005			
Frequency	Test Data	AF	Test Data	AF+C A-AMP	Results	Limits	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	(dB)	/ QP
2435.71	-16.7	2hn3mh	90.3	31.7	1260852.2			PK
4871.658	-48.2	2hn3mh	58.8	5.7	1672.2	5000.0	9.5	PK
7307.713	-49.4	2hn3mh	57.6	10.9	2639.8	5000.0	5.5	PK**
9743.625	-63.9	2hn3mh	43.1	13.5	676.7	126085.2	45.4	PK**
12177.93	-67.5	2hn3mh	39.5	19.3	868.4	5000.0	15.2	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 $((-48.2 + 5.7 + 107)/20) = 1672.2$

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: 

Name: Austin Thompson

Figure 4h – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Mid –
Omni Antenna

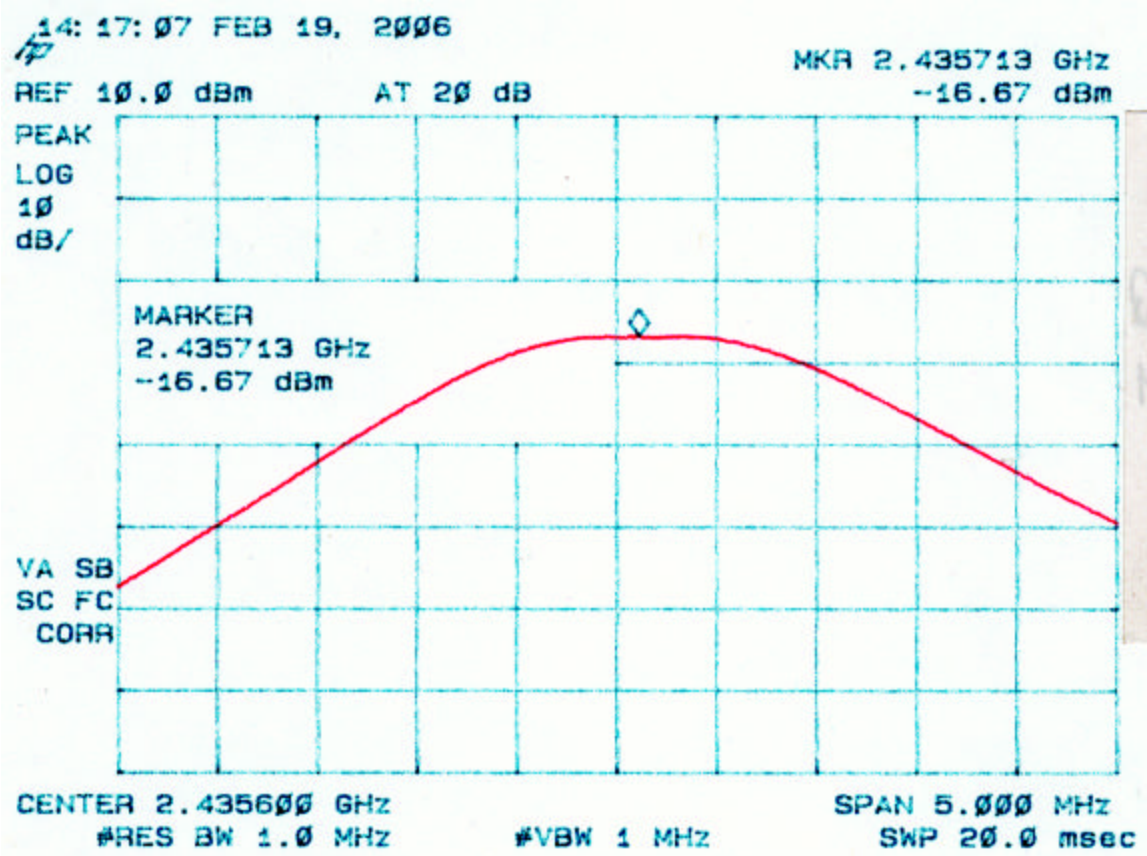


Figure 4h – 2
Peak Radiated Spurious Emission 15.247(c) Mid –
Omni Antenna

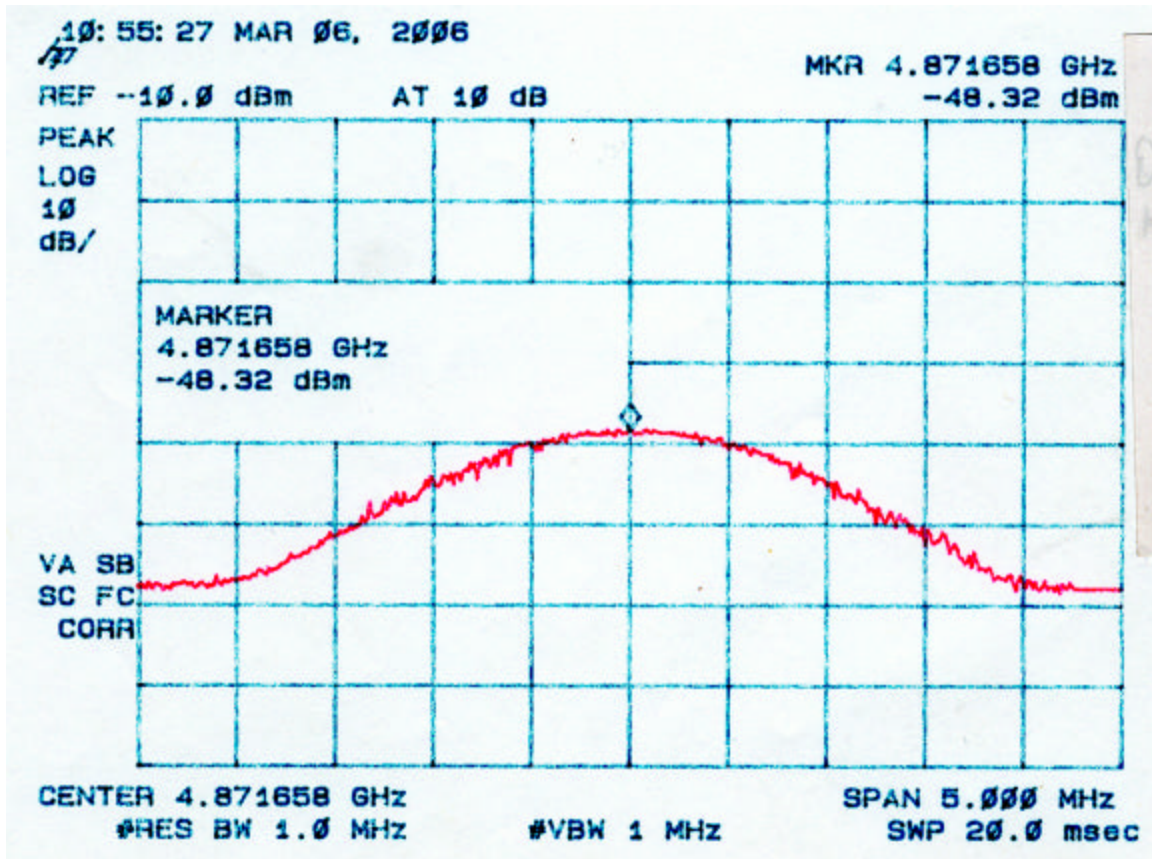


Figure 4h – 3
Peak Radiated Spurious Emission 15.247(c) Mid –
Omni Antenna

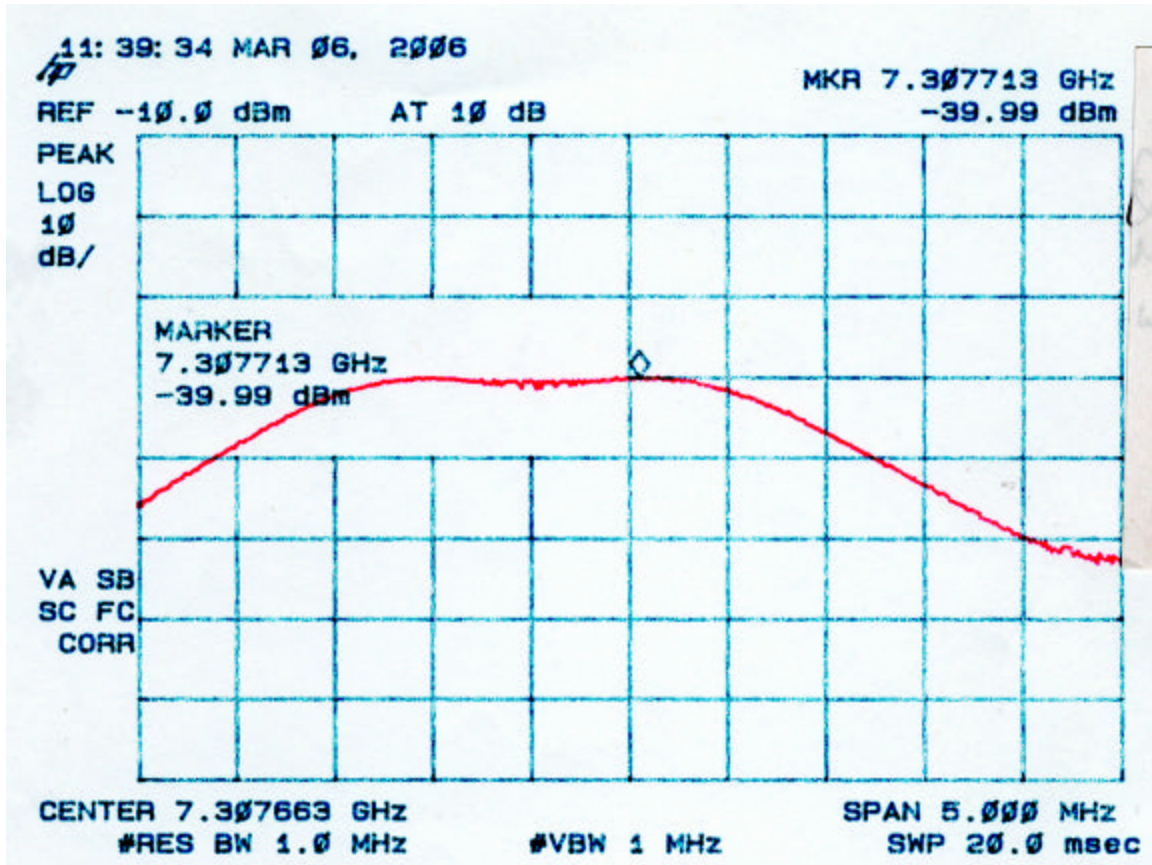


Figure 4h – 4
Peak Radiated Spurious Emission 15.247(c) Mid –
Omni Antenna

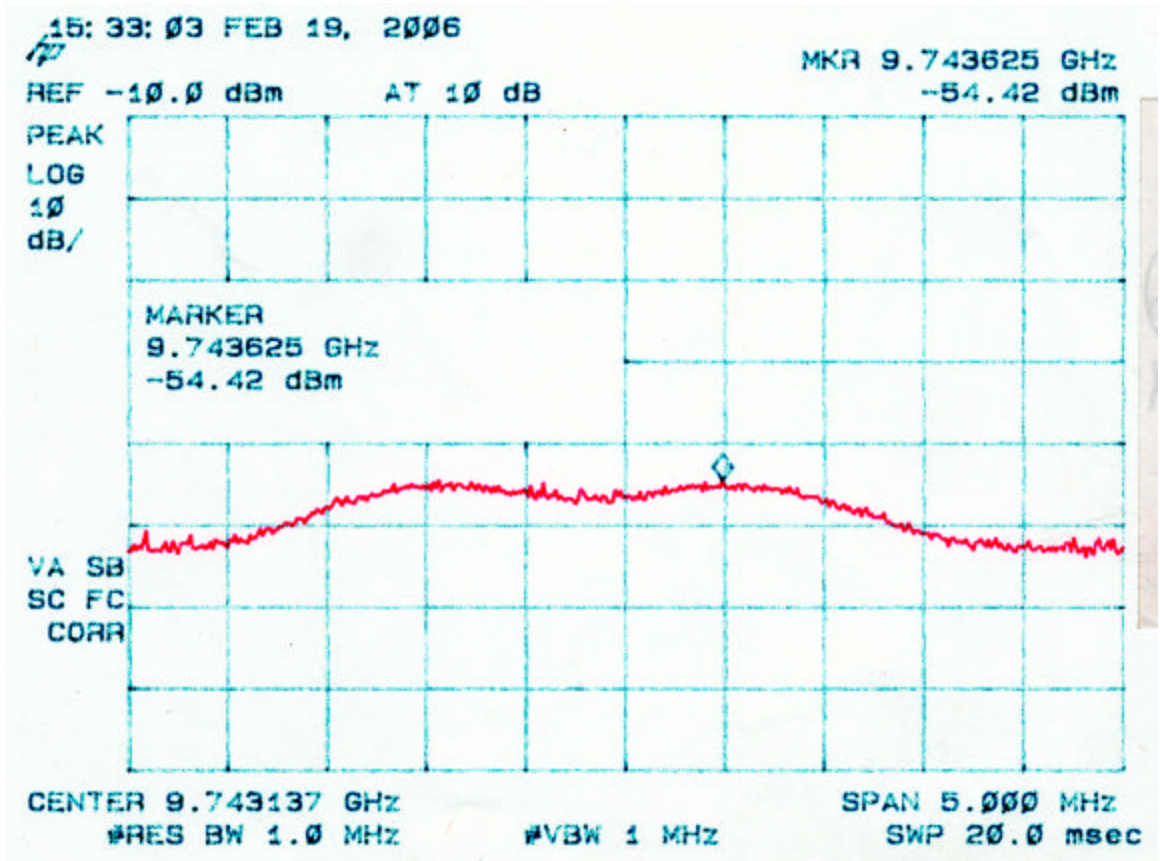
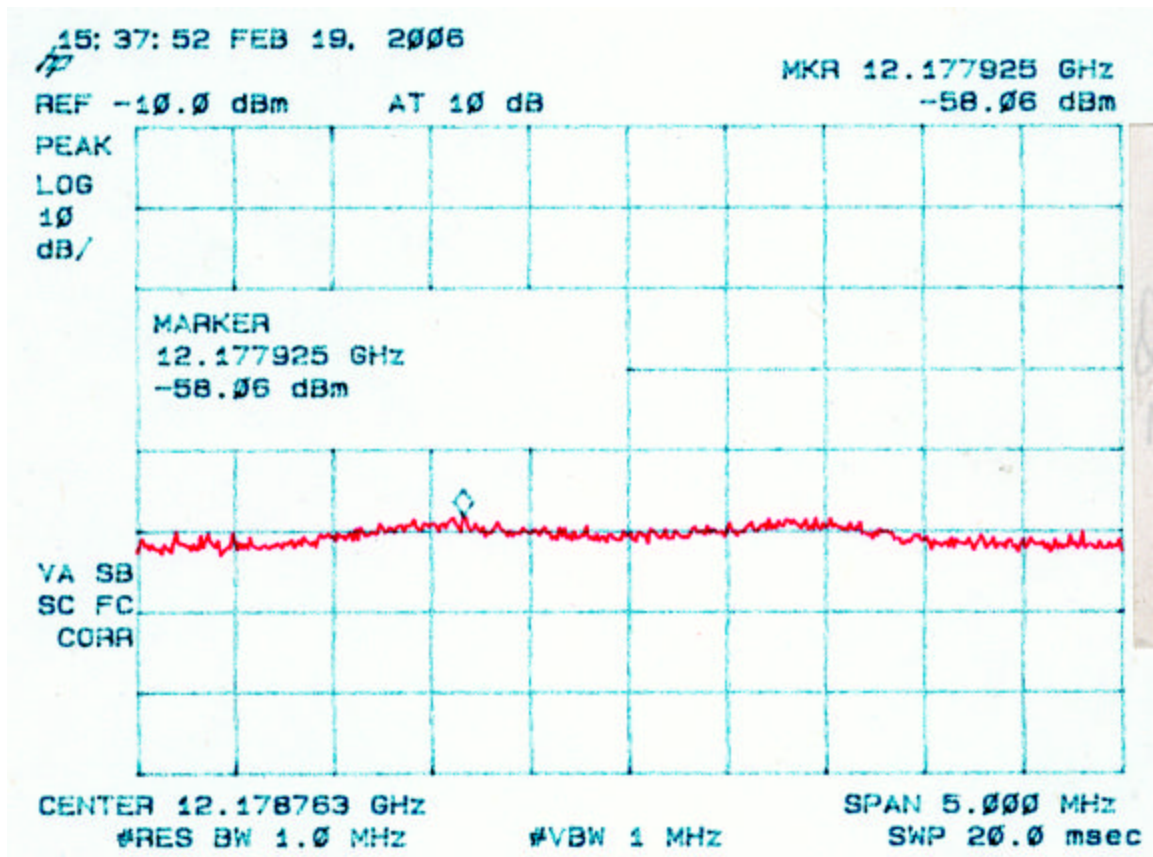


Figure 4h – 5
Peak Radiated Spurious Emission 15.247(c) Mid –
Omni Antenna



**Table 4i. PEAK RADIATED SPURIOUS EMISSIONS (High)
Omni Antenna**

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Omni 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	
		flex7ft			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
2469.73	-17.7	2hn3mh	89.3	31.7	1123277.8			PK
4939.688	-48.5	2hn3mh	58.6	5.9	1674.3	5000.0	9.5	PK
7409.1	-48.9	2hn3mh	58.1	11.0	2845.7	5000.0	4.9	PK**
9879.962	-65.9	2hn3mh	41.1	13.6	547.5	112327.8	46.2	PK**
12350.2	-65.3	2hn3mh	41.7	19.6	1161.0	5000.0	12.7	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 ((-48.5 + 5.9 + 107)/20) = 1674.3

CONVERSION FROM dBm TO dBuV = 107 dB

Tester
Signature: 

Name: Austin Thompson

Figure 4i – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental High –
Omni Antenna

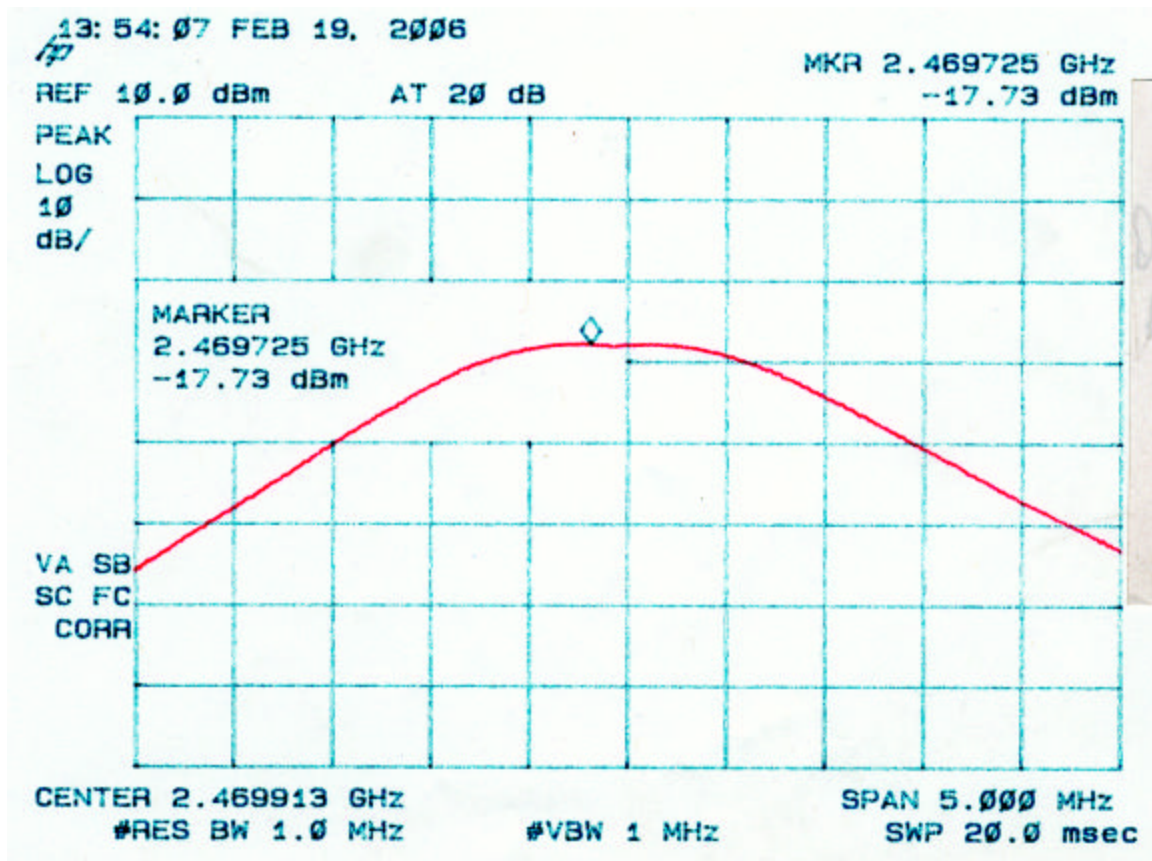


Figure 4i – 2
Peak Radiated Spurious Emission 15.247(c) High –
Omni Antenna

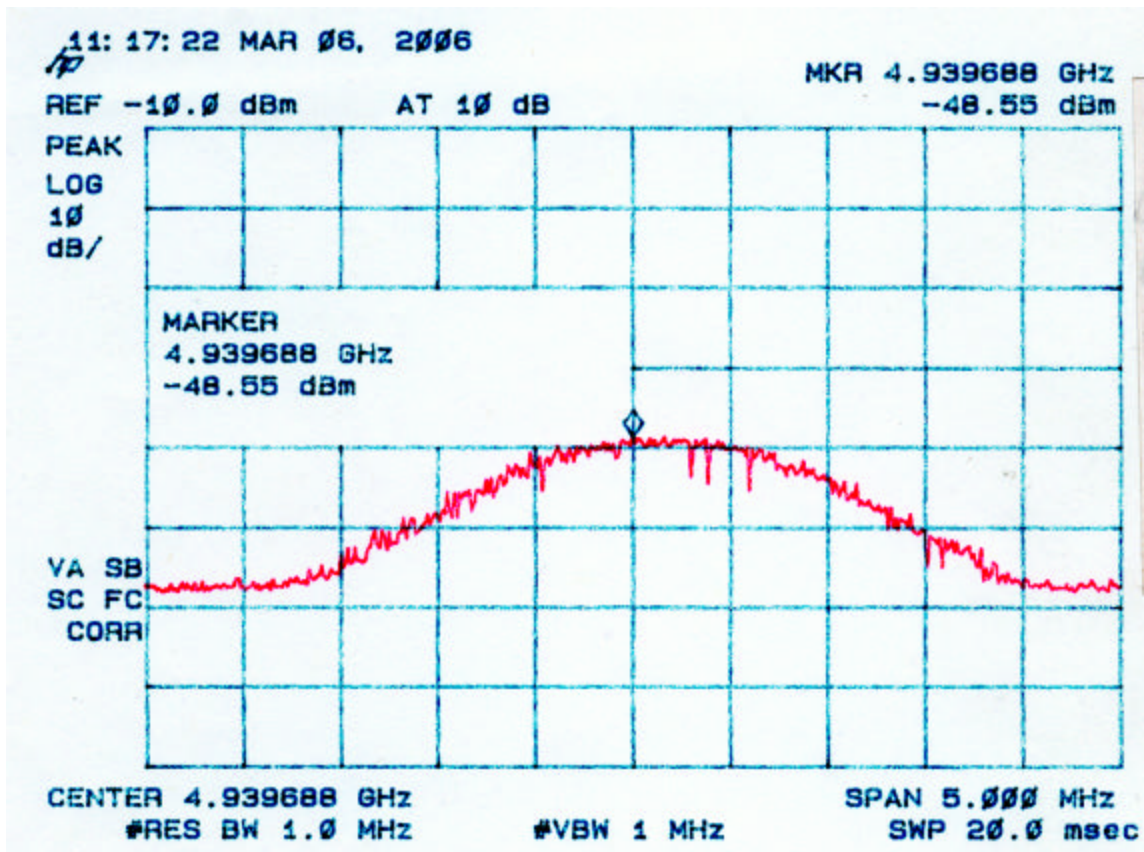


Figure 4i – 3
Peak Radiated Spurious Emission 15.247(c) High –
Omni Antenna

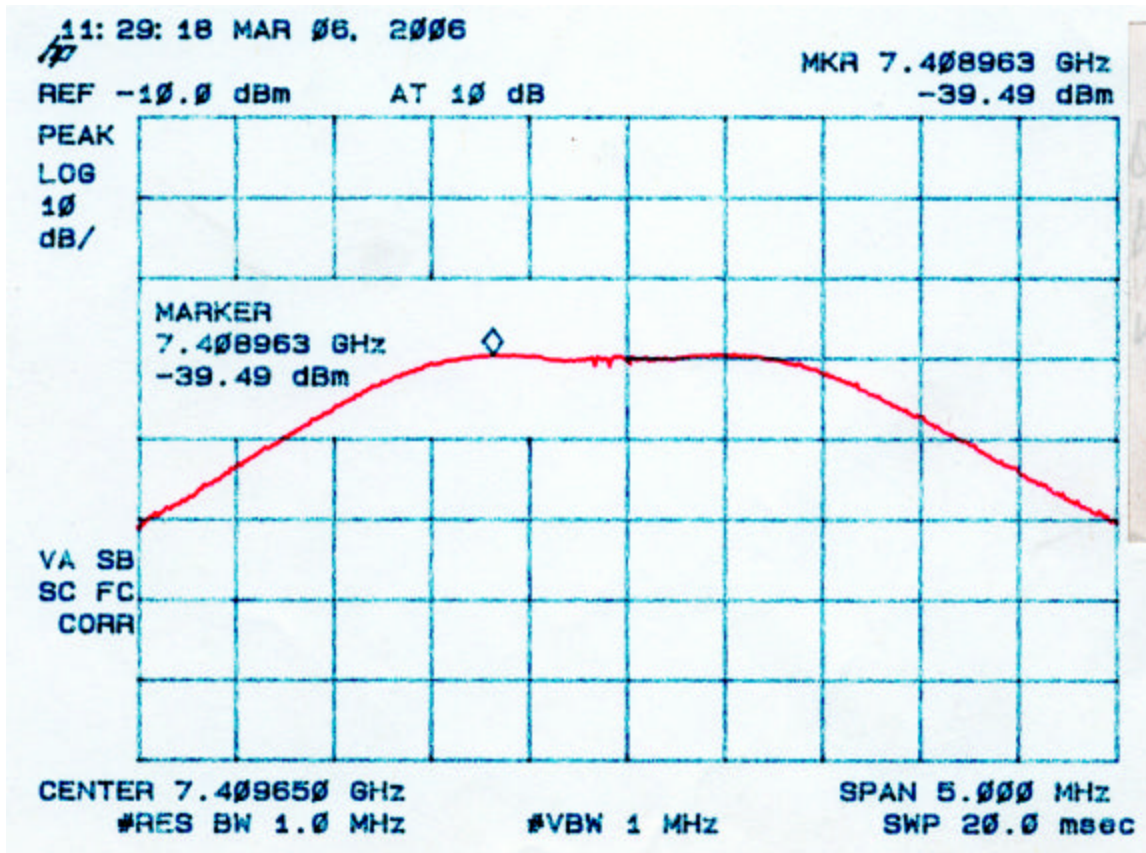


Figure 4i – 4
Peak Radiated Spurious Emission 15.247(c) High –
Omni Antenna

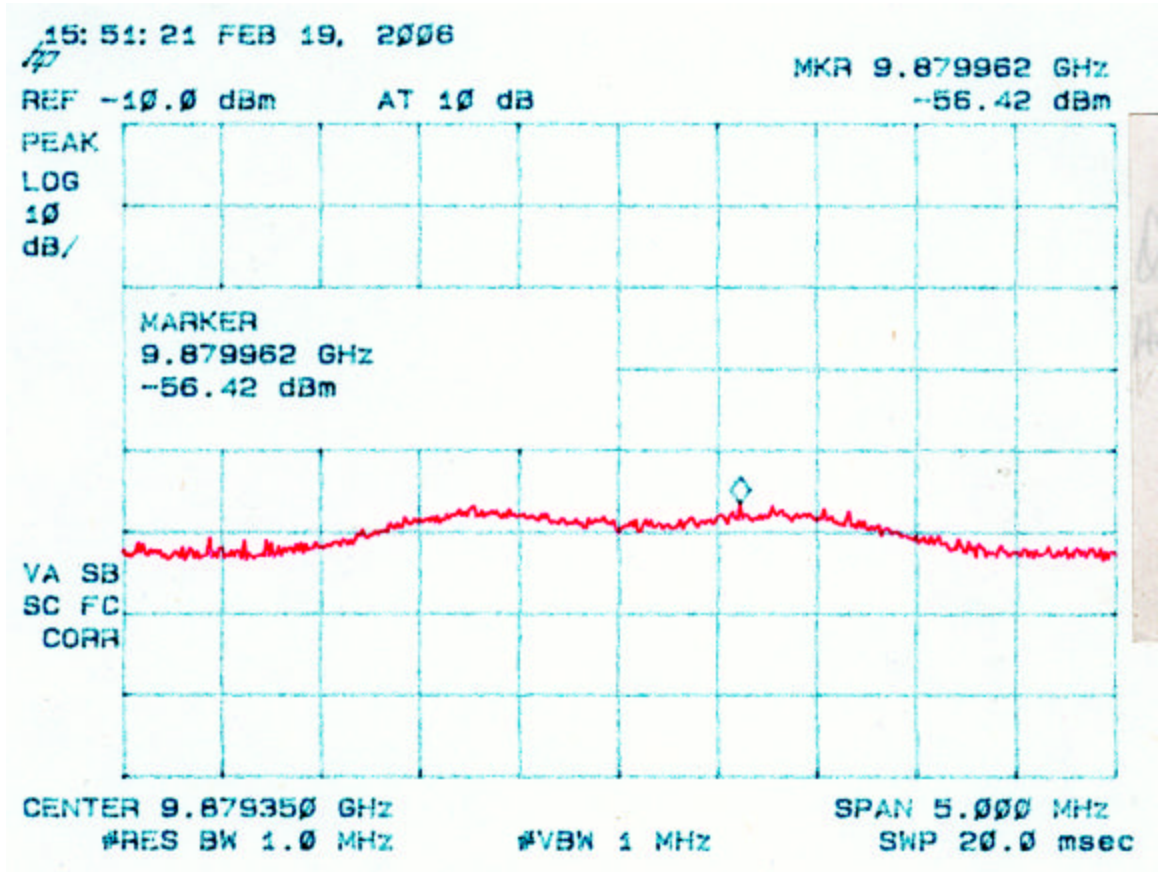
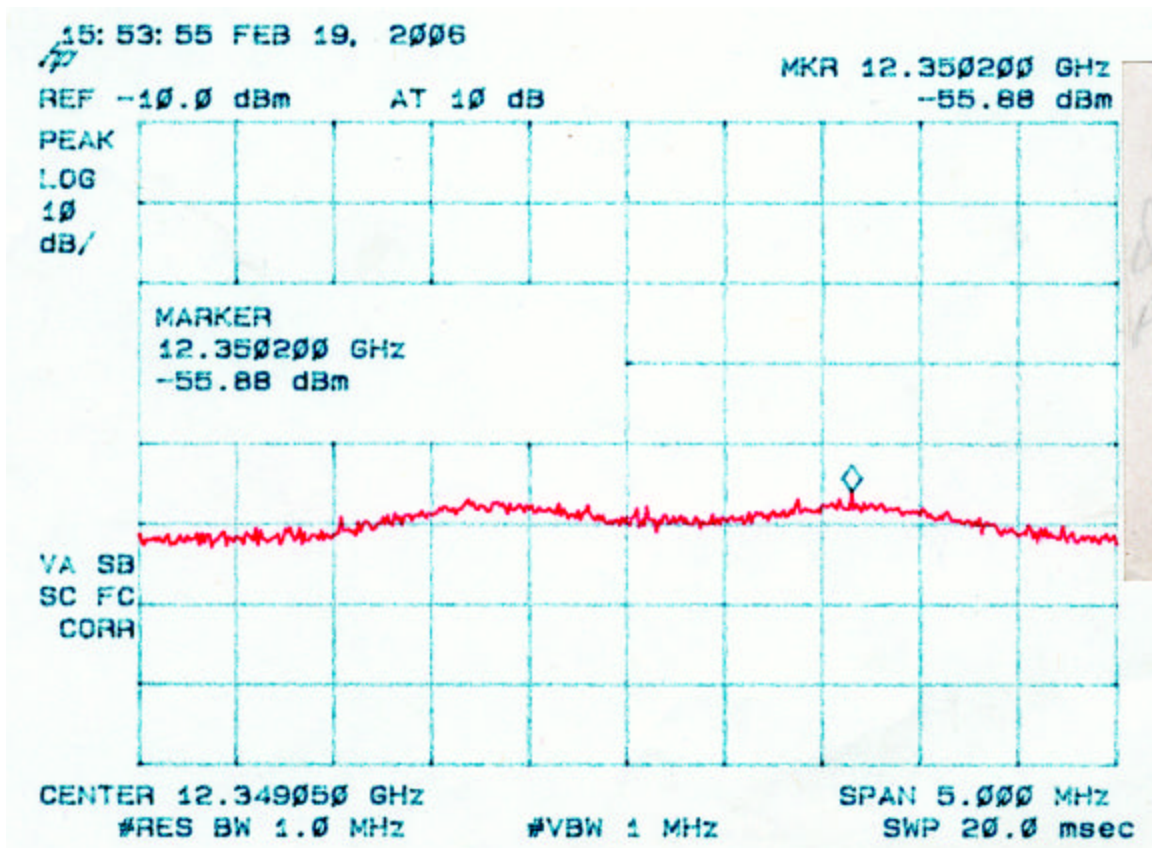


Figure 4i – 5
Peak Radiated Spurious Emission 15.247(c) High –
Omni Antenna



**Table 4j. PEAK RADIATED SPURIOUS EMISSIONS (Low)
Large Patch Antenna**

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Large Patch Ant.- Low Channel				Client:	Cirronet	
A.T.	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
2401.61	-16.5	2hn3mh	90.5	31.6	1281840.2			PK
4803.575	-47.2	2hn3mh	59.8	5.4	1835.4	5000.0	8.7	PK
7204.63	-49.0	2hn3mh	58.0	10.7	2728.0	128184.0	33.4	PK**
9605.75	-64.1	2hn3mh	42.9	13.3	648.2	128184.0	45.9	PK**
12009.3	-64.3	2hn3mh	42.8	18.9	1214.6	5000.0	12.3	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 $((-47.2 + 5.4 + 107)/20)$ = 1835.4

CONVERSION FROM dBm TO dBuV = 107 dB

Tester
Signature: 

Name: Austin Thompson

Figure 4j – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Low –
Large Patch Antenna

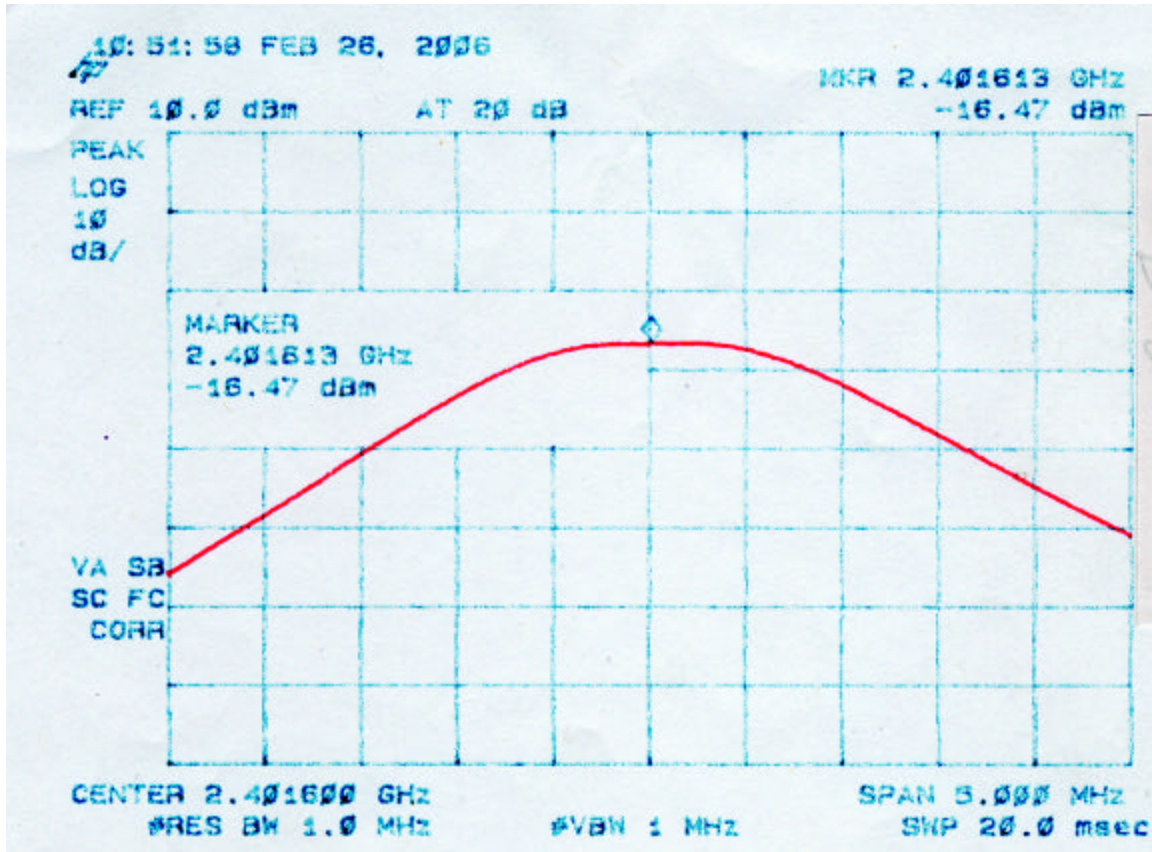


Figure 4j – 2
Peak Radiated Spurious Emission 15.247(c) Low –
Large Patch Antenna

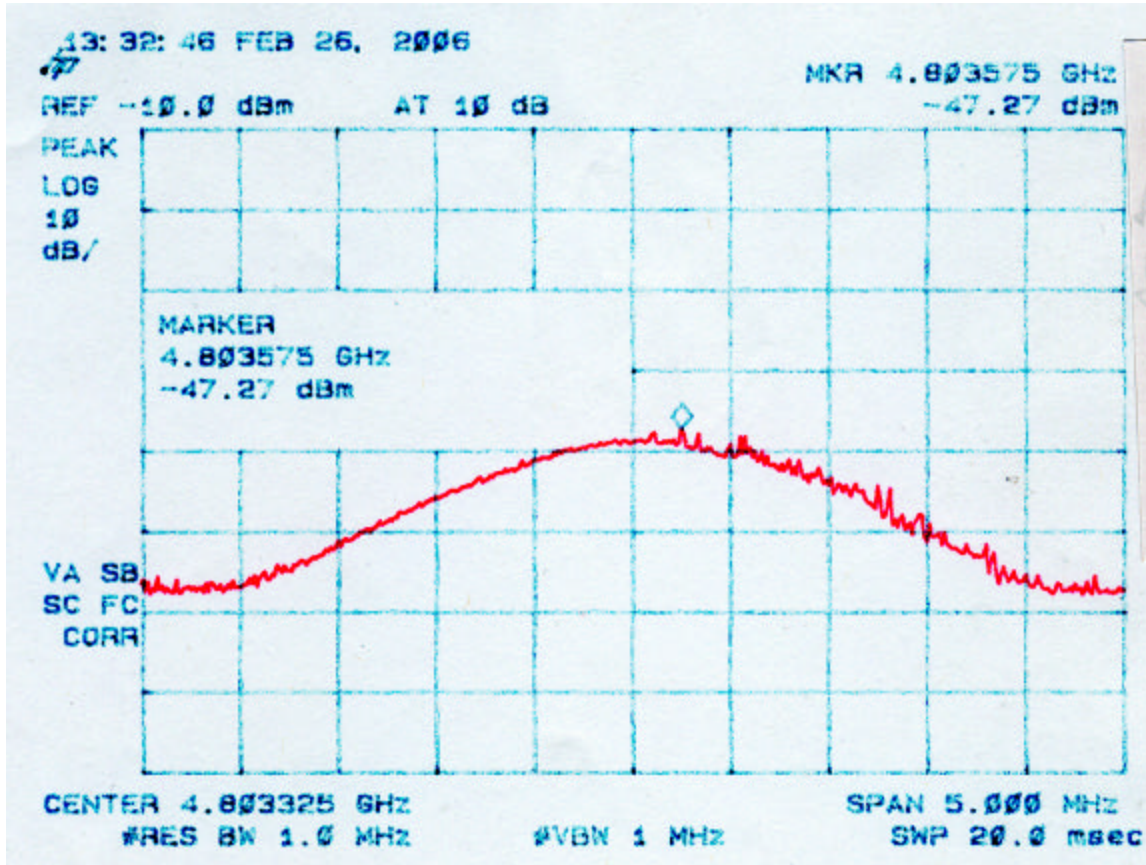


Figure 4j – 3
Peak Radiated Spurious Emission 15.247(c) Low –
Large Patch Antenna

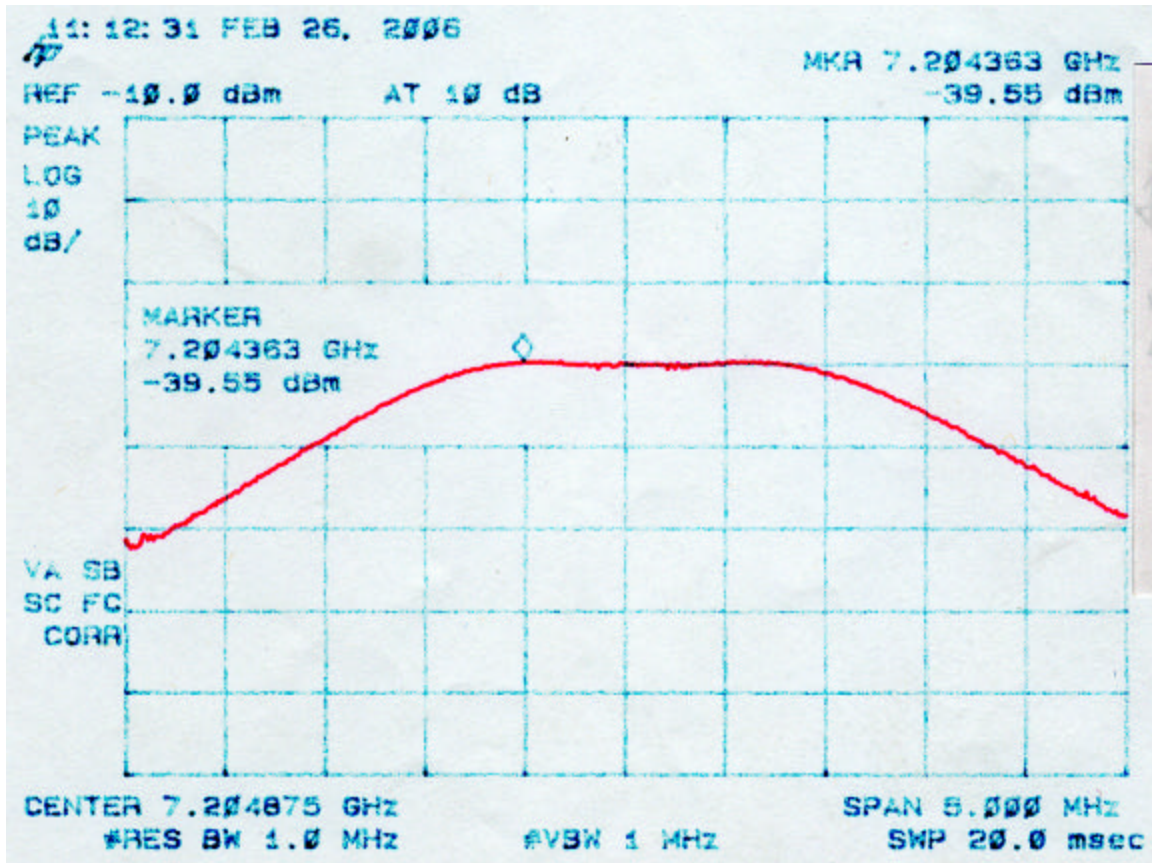


Figure 4j – 4
Peak Radiated Spurious Emission 15.247(c) Low –
Large Patch Antenna

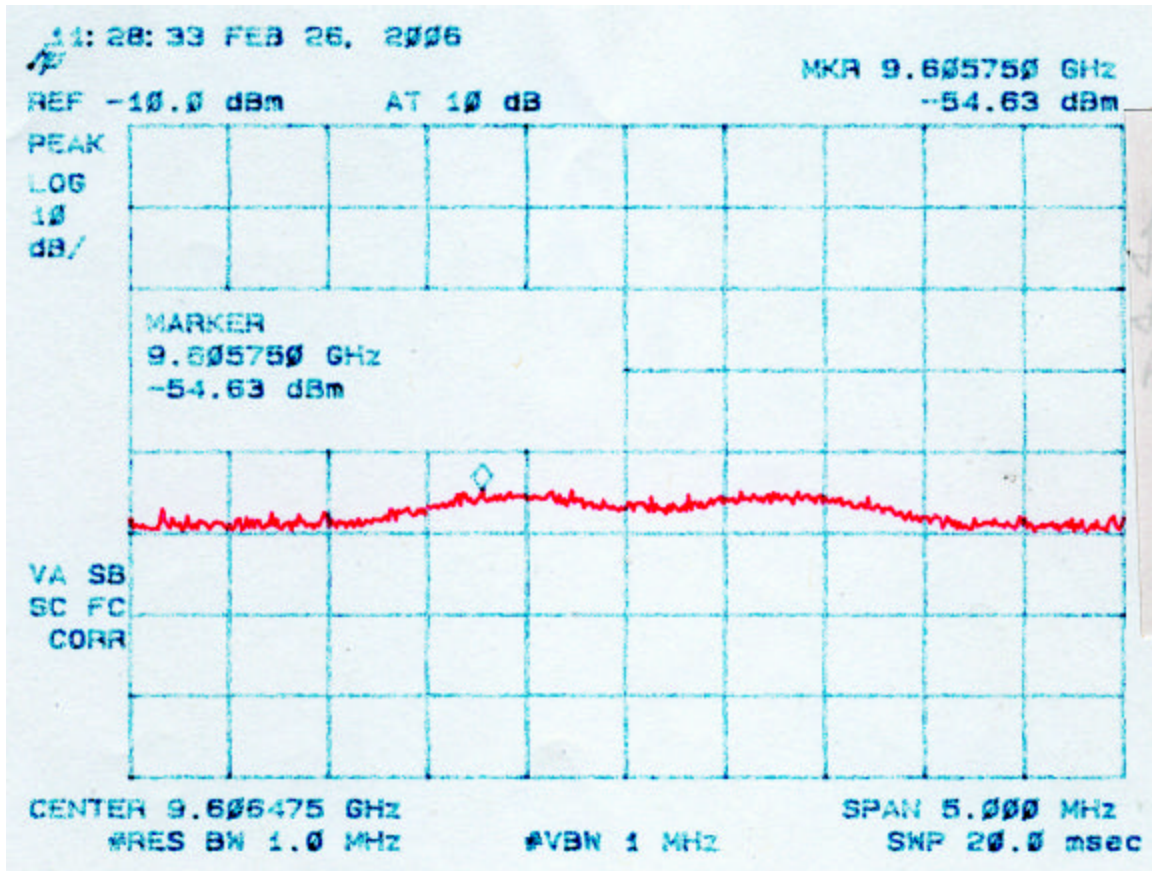
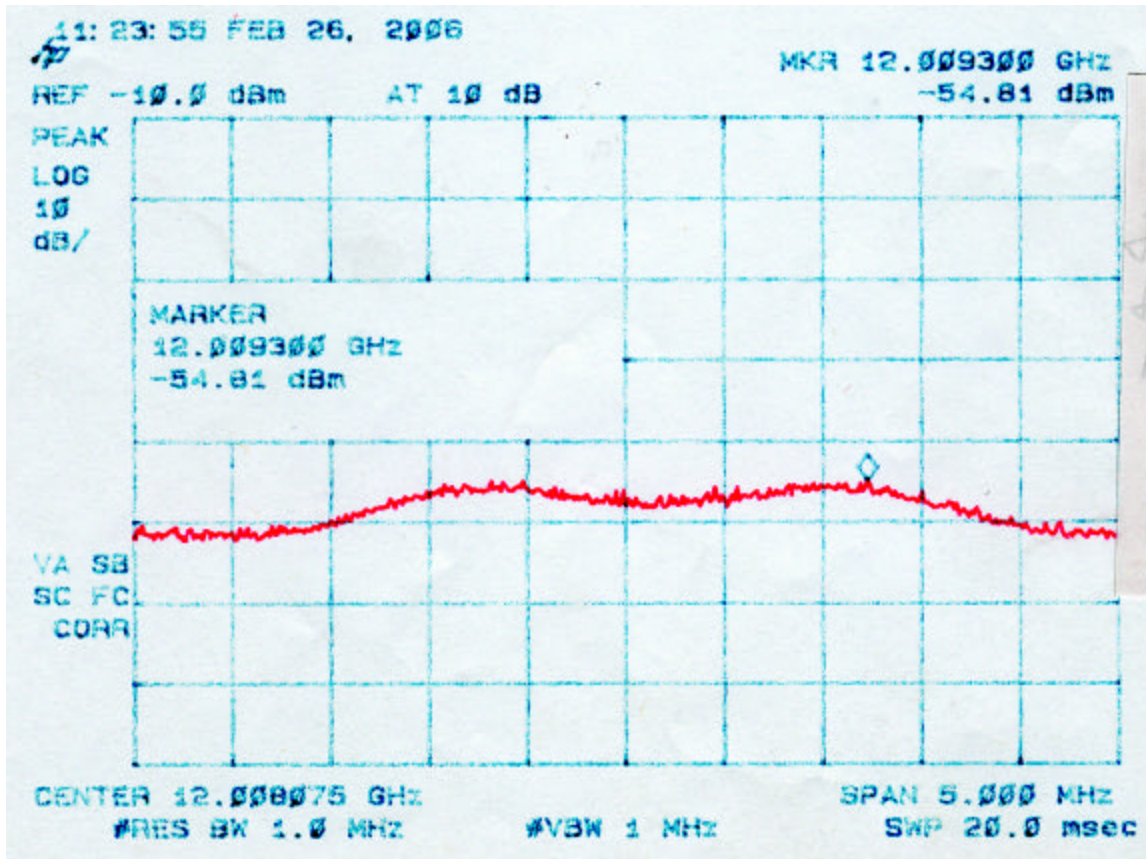


Figure 4j – 5
Peak Radiated Spurious Emission 15.247(c) Low –
Large Patch Antenna



**Table 4k. PEAK RADIATED SPURIOUS EMISSIONS (Mid)
Large Patch Antenna**

Radiated Spurious Emissions								
Test By:	Test:	Spurious Emissions-Large Patch Ant.- 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
2435.73	-16.7	2hn3mh	90.3	31.7	1255062.1			PK
4871.663	-45.5	2hn3mh	61.5	5.7	2289.7	5000.0	6.8	PK
7307.85	-47.8	2hn3mh	59.2	10.9	3173.9	125506.2	31.9	PK**
9742.175	-67.5	2hn3mh	39.5	13.5	447.0	125506.2	49.0	PK**
12177.85	-55.7	2hn3mh	51.3	19.3	3378.3	5000.0	3.4	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 ((-45.5 + 5.7 + 107)/20) = 2289.7

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: 

Name: Austin Thompson

Figure 4k – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Mid –
Large Patch Antenna

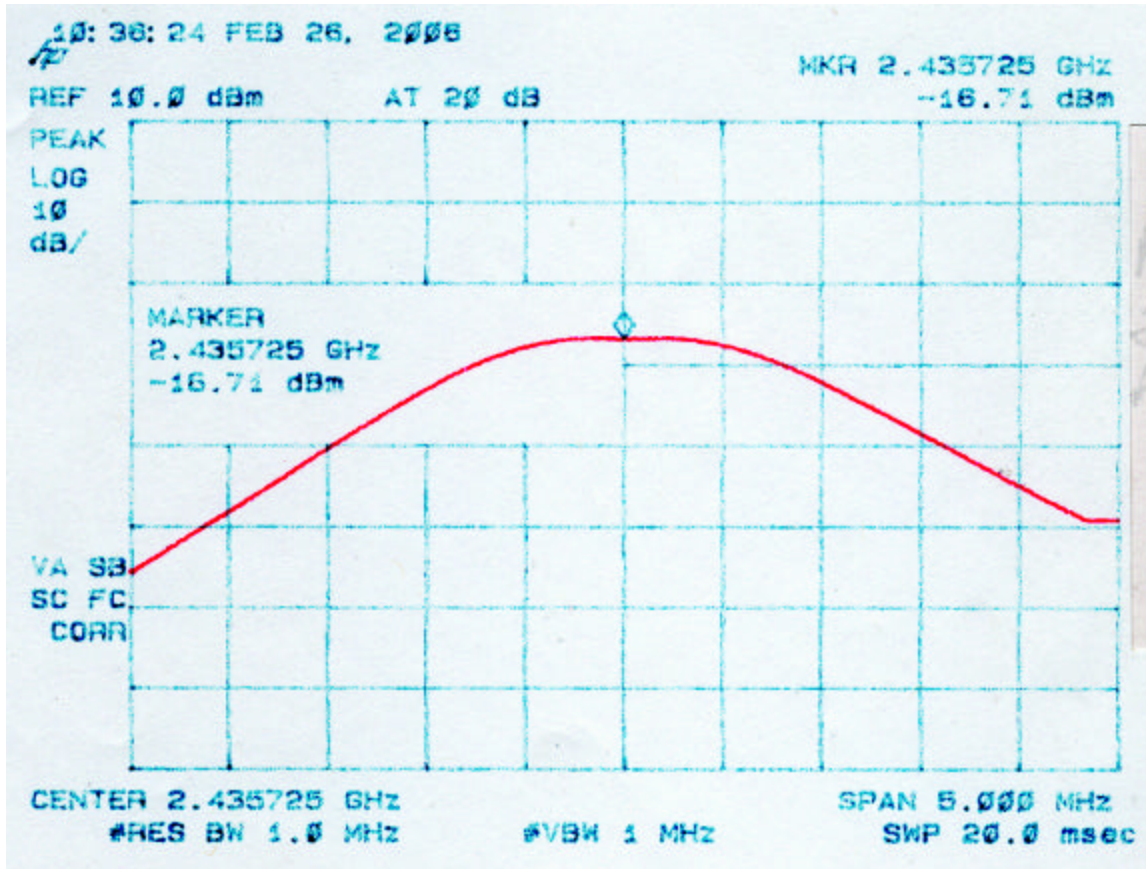


Figure 4k – 2
Peak Radiated Spurious Emission 15.247(c) Mid –
Large Patch Antenna

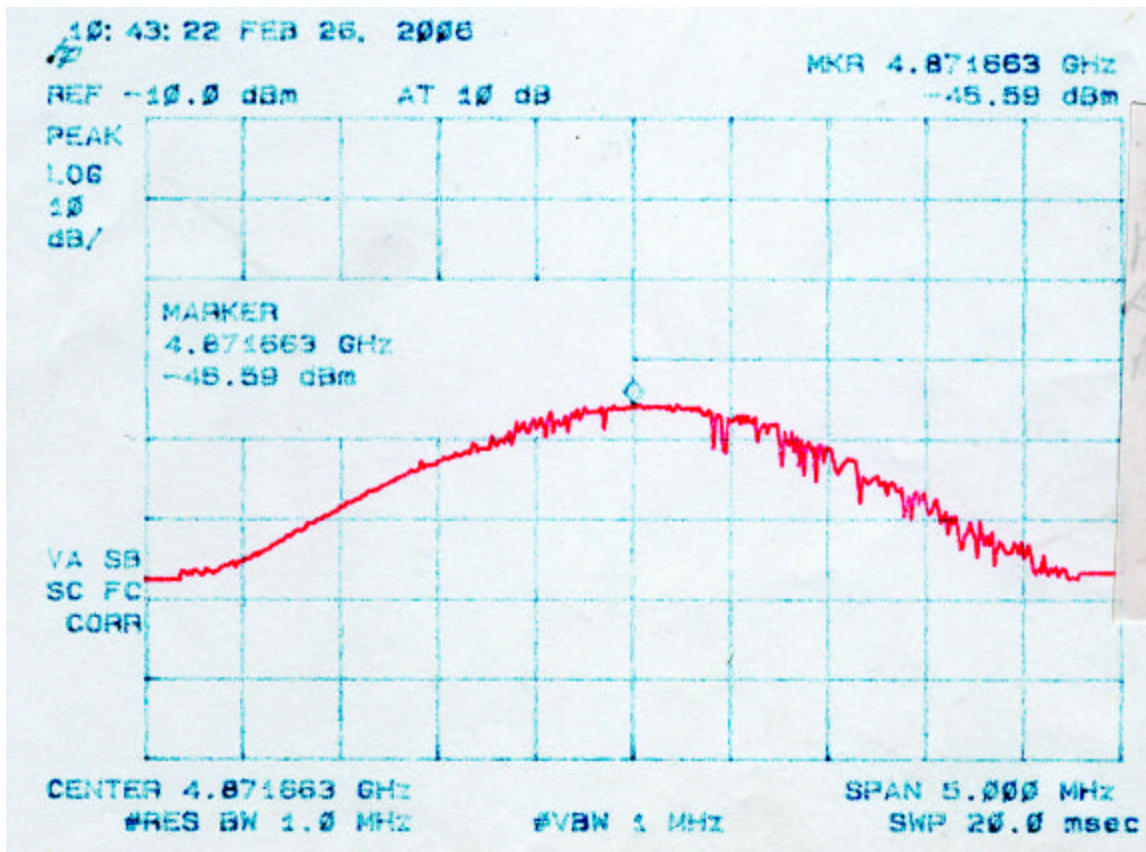


Figure 4k – 3
Peak Radiated Spurious Emission 15.247(c) Mid –
Large Patch Antenna

