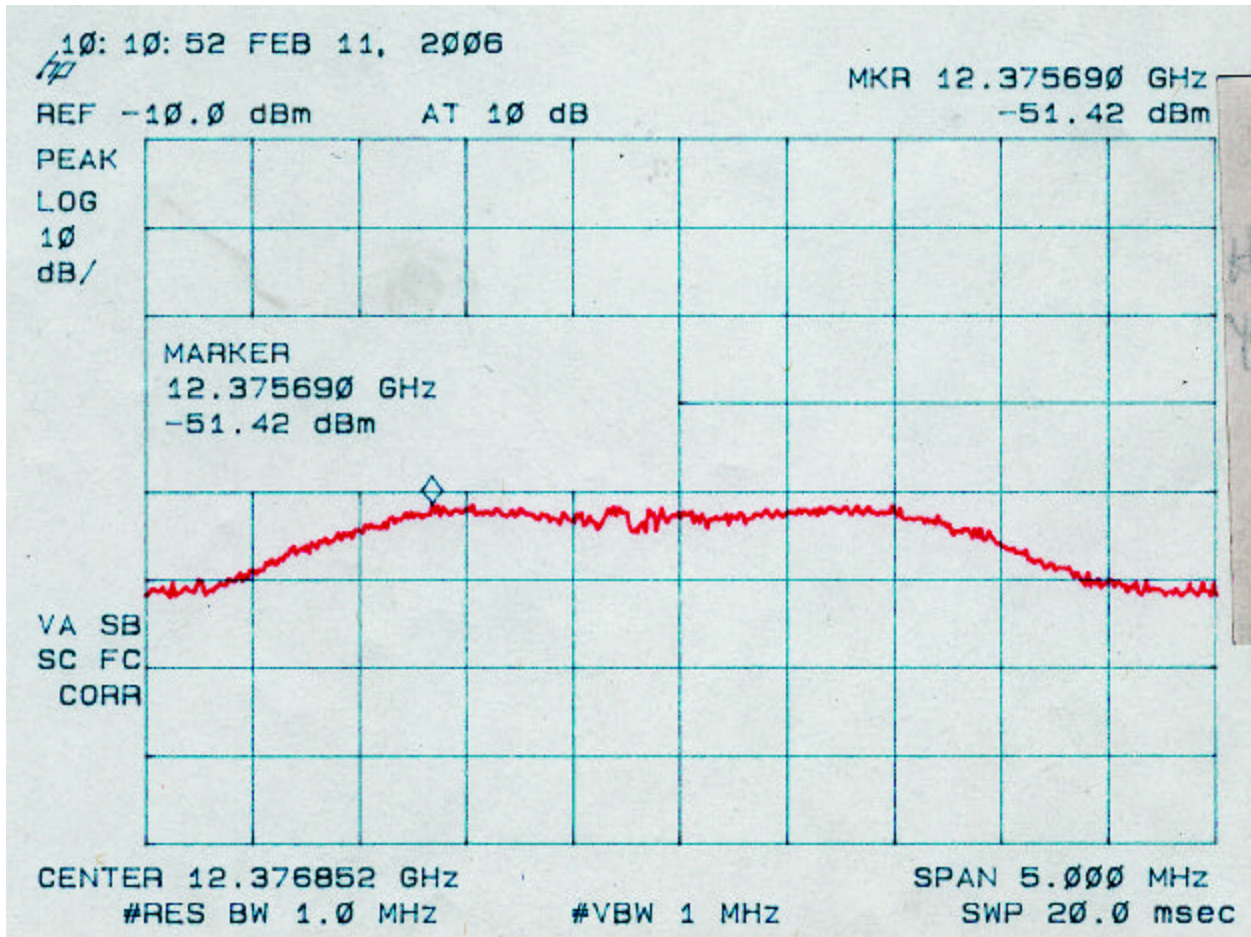
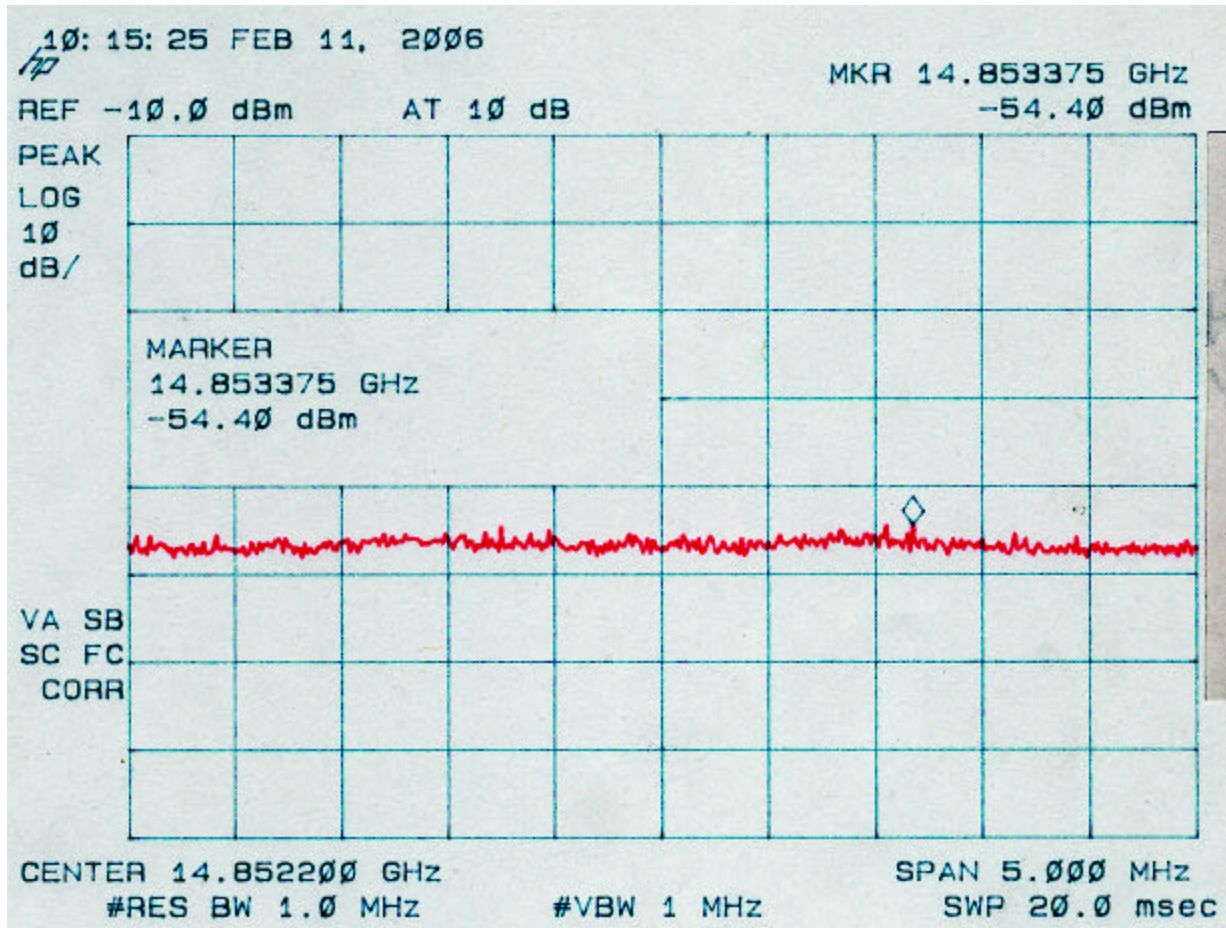


**Figure 4o – 5**  
**Peak Radiated Spurious Emission 15.247(c) High - Yagi Antenna**



**Figure 4o – 6**  
**Peak Radiated Spurious Emission 15.247(c) High - Yagi Antenna**



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

Radiated Spurious Emissions								
<b>Test By:</b>	<b>Test:</b>	Spurious Emissions-Large Patch Antenna-Low Channel			<b>Client:</b>	Cirronet		
AT	<b>Project:</b>	06-0003	<b>Class:</b>		<b>Model:</b>	WIT2450		
<b>Frequency Range</b>	<b>Table</b>	<b>Model</b>		<b>S/N</b>	<b>Valid</b>	<b>Calibrated:</b>		
	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		
<b>Frequency</b>	<b>Test Data</b>	<b>AF</b>	<b>Test Data</b>	<b>AF+CA-AMP</b>	<b>Results</b>	<b>Limits</b>	<b>Margin</b>	<b>PK = n</b>
<b>(MHz)</b>	<b>(dBm)</b>	<b>Table</b>	<b>(dBuV)</b>	<b>(dB)</b>	<b>(uV/m)</b>	<b>(uV/m)</b>	<b>(dB)</b>	<b>/ QP</b>
2400.89	-9.4	2hn3mh	97.6	31.6	2902511.3			<b>PK</b>
4802.1	-50.5	2hn3mh	56.6	5.4	1257.4	5000.0	<b>12.0</b>	<b>PK</b>
7211.06	-48.2	2hn3mh	58.8	10.7	2991.1	290251.1	<b>39.7</b>	<b>PK**</b>
9614.5	-51.3	2hn3mh	55.7	13.3	2823.3	290251.1	<b>40.2</b>	<b>PK**</b>

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 ((-50.5 + 5.4 + 107)/20) = 1257.47

CONVERSION FROM dBm TO dBuV = 107 dB

**Tester**  
**Signature:** 

**Name:** Austin Thompson

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

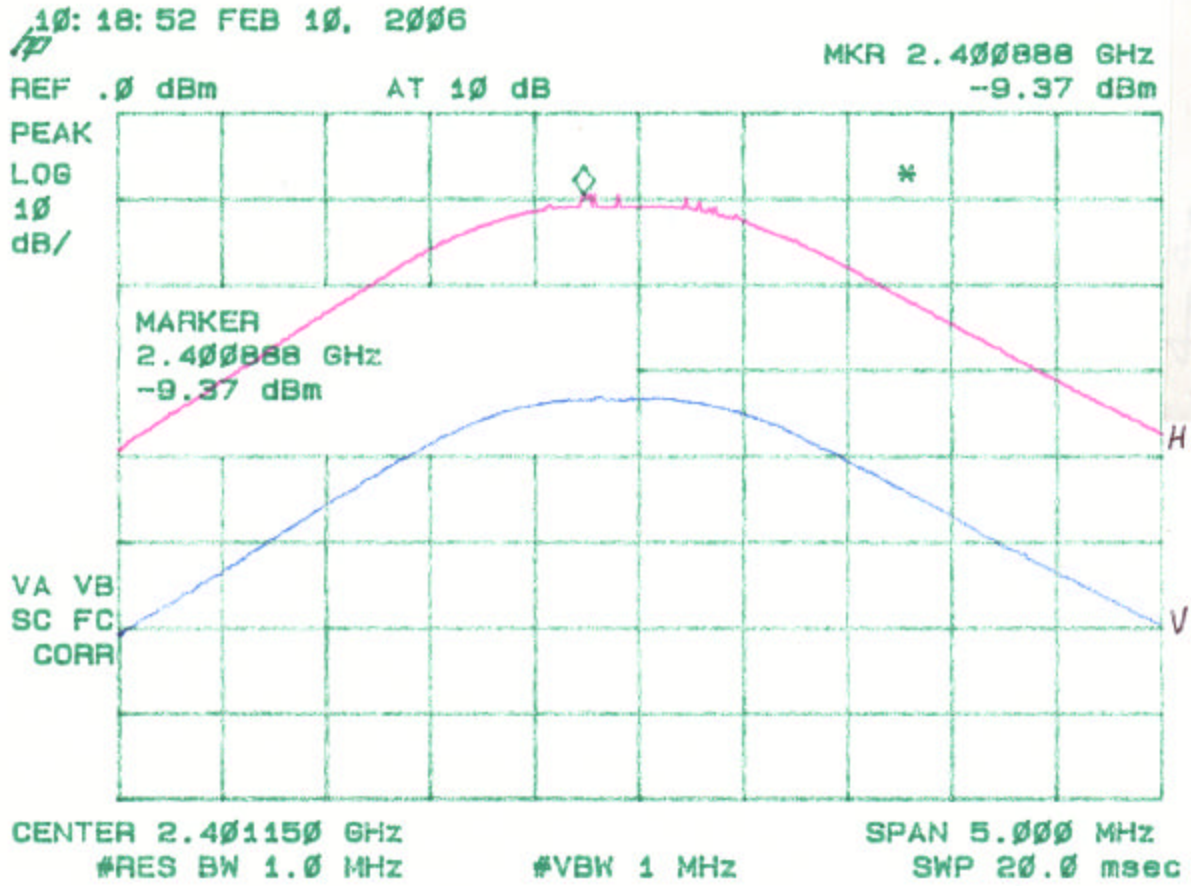




Figure 4p – 2  
Peak Radiated Spurious Emission 15.247(c) Low– Large Patch Antenna

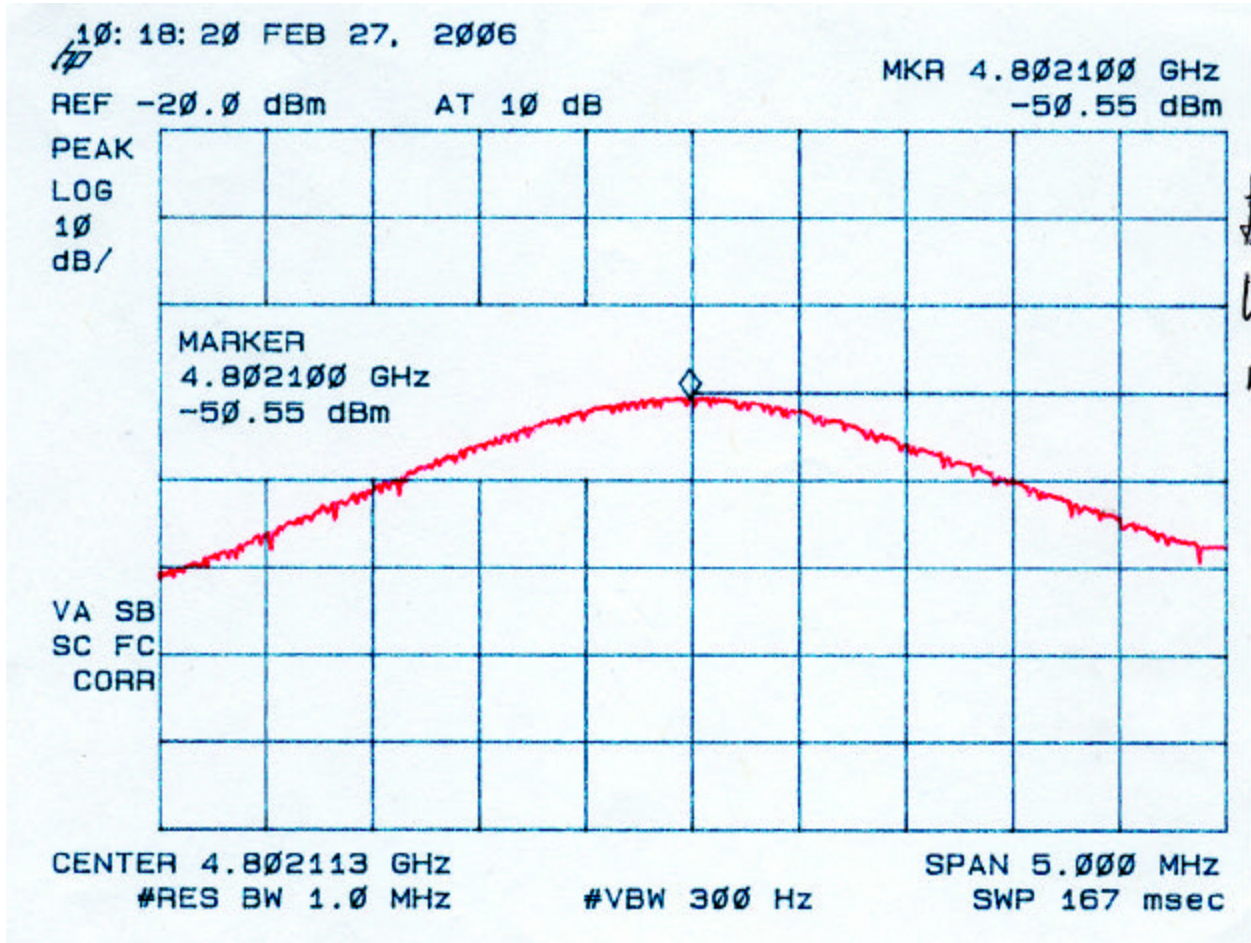


Figure 4p – 3  
Peak Radiated Spurious Emission 15.247(c) Low– Large Patch Antenna

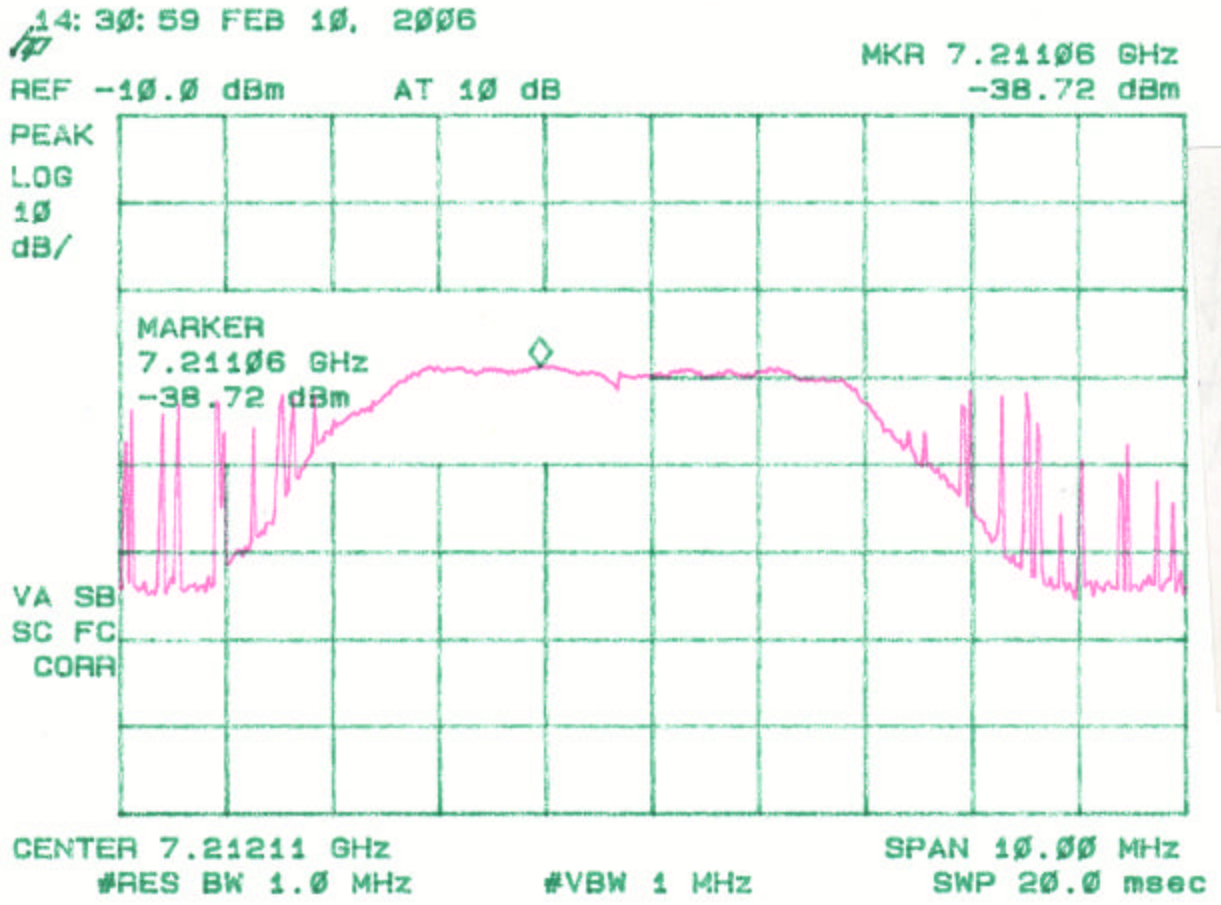
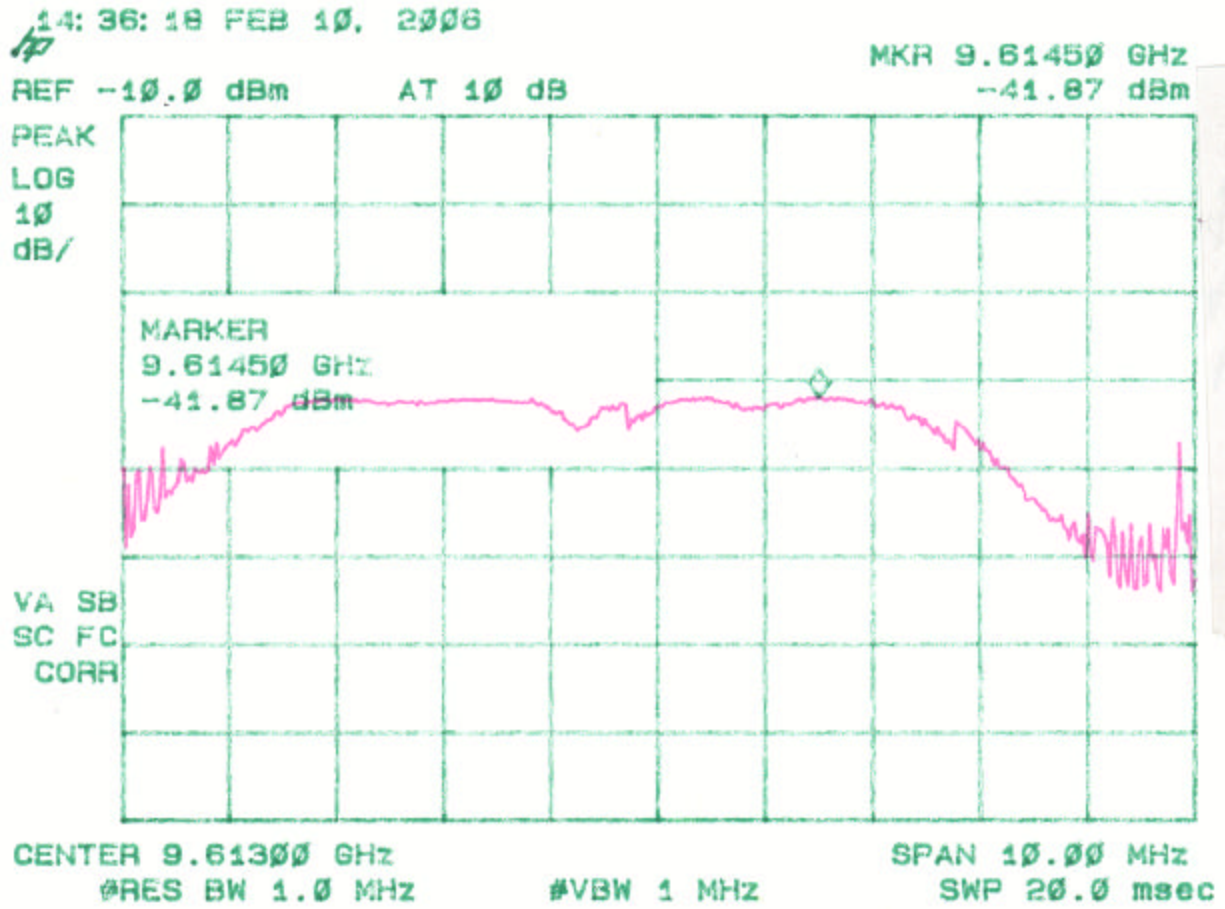


Figure 4p – 4  
Peak Radiated Spurious Emission 15.247(c) Low– Large Patch Antenna



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

Radiated Spurious Emissions								
<b>Test By:</b>	<b>Test:</b>	Spurious Emissions-Large Patch Antenna-Mid Channel			<b>Client:</b>	Cirronet		
AT	<b>Project:</b>	06-0003	<b>Class:</b>		<b>Model:</b>	WIT2450		
<b>Frequency Range</b>		<b>Table</b>	<b>Model</b>		<b>S/N</b>	<b>Valid</b>	<b>Calibrated:</b>	
		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	
<b>Frequency</b>	<b>Test Data</b>	<b>AF</b>	<b>Test Data</b>	<b>AF+CA-AMP</b>	<b>Results</b>	<b>Limits</b>	<b>Margin</b>	<b>PK = n</b>
<b>(MHz)</b>	<b>(dBm)</b>	<b>Table</b>	<b>(dBuV)</b>	<b>(dB)</b>	<b>(uV/m)</b>	<b>(uV/m)</b>	<b>(dB)</b>	<b>/ QP</b>
2433.19	-11.7	2hn3mh	95.3	31.7	2228203.0			<b>PK</b>
4867.2	-45.8	2hn3mh	61.2	5.7	2205.4	5000.0	<b>7.1</b>	<b>PK</b>
7299.56	-49.9	2hn3mh	57.1	10.8	2497.3	5000.0	<b>6.0</b>	<b>PK**</b>
9732.76	-47.5	2hn3mh	59.5	13.5	4443.6	222820.3	<b>34.0</b>	<b>PK**</b>
12164.4	-69.0	2hn3mh	38.0	19.2	728.4	222820.3	<b>49.7</b>	<b>PK**</b>

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 ((-45.8 + 5.7 + 107)/20) = 2205.4

CONVERSION FROM dBm TO dBuV = 107 dB

**Tester**

**Signature:** 

**Name:** Austin Thompson



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

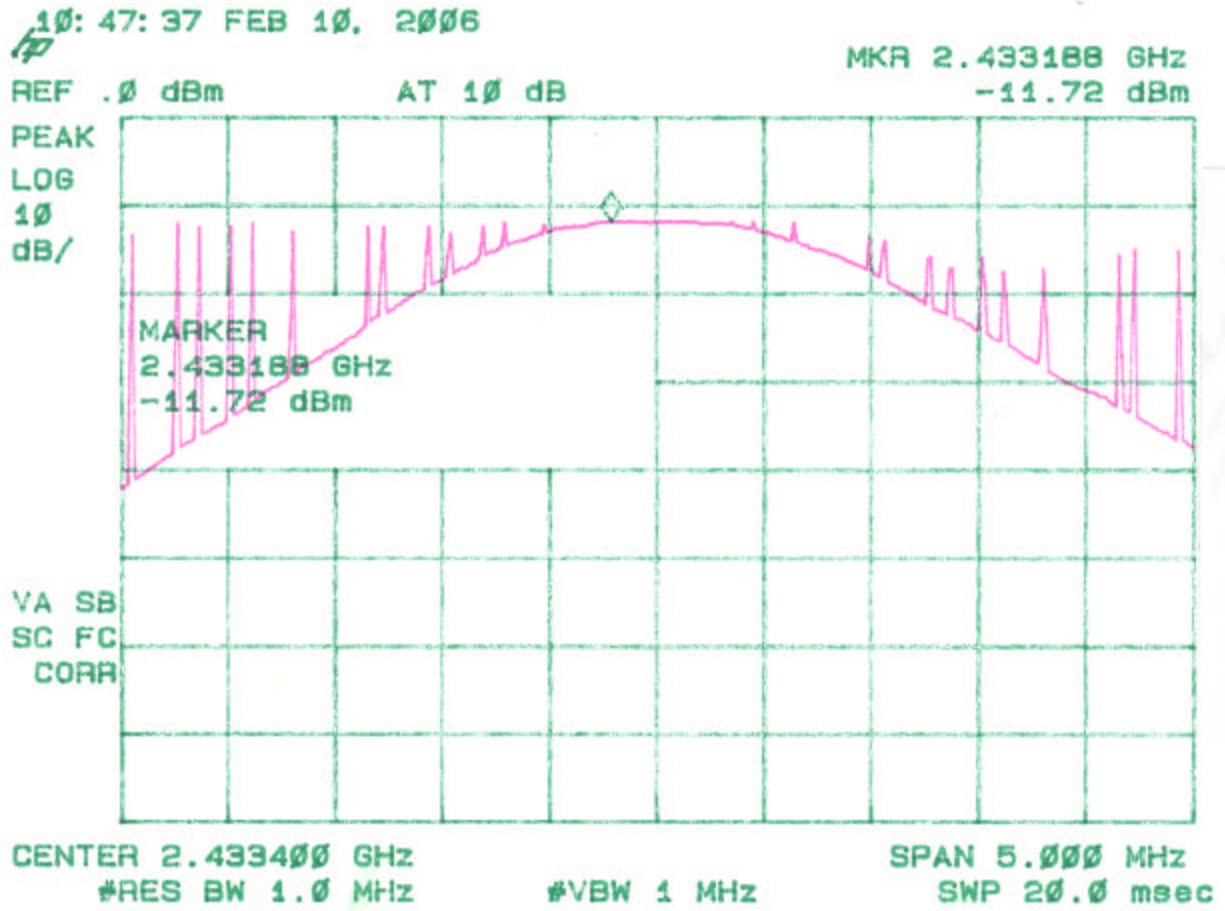


Figure 4q – 2  
Peak Radiated Spurious Emission 15.247(c) Mid – Large Patch Antenna

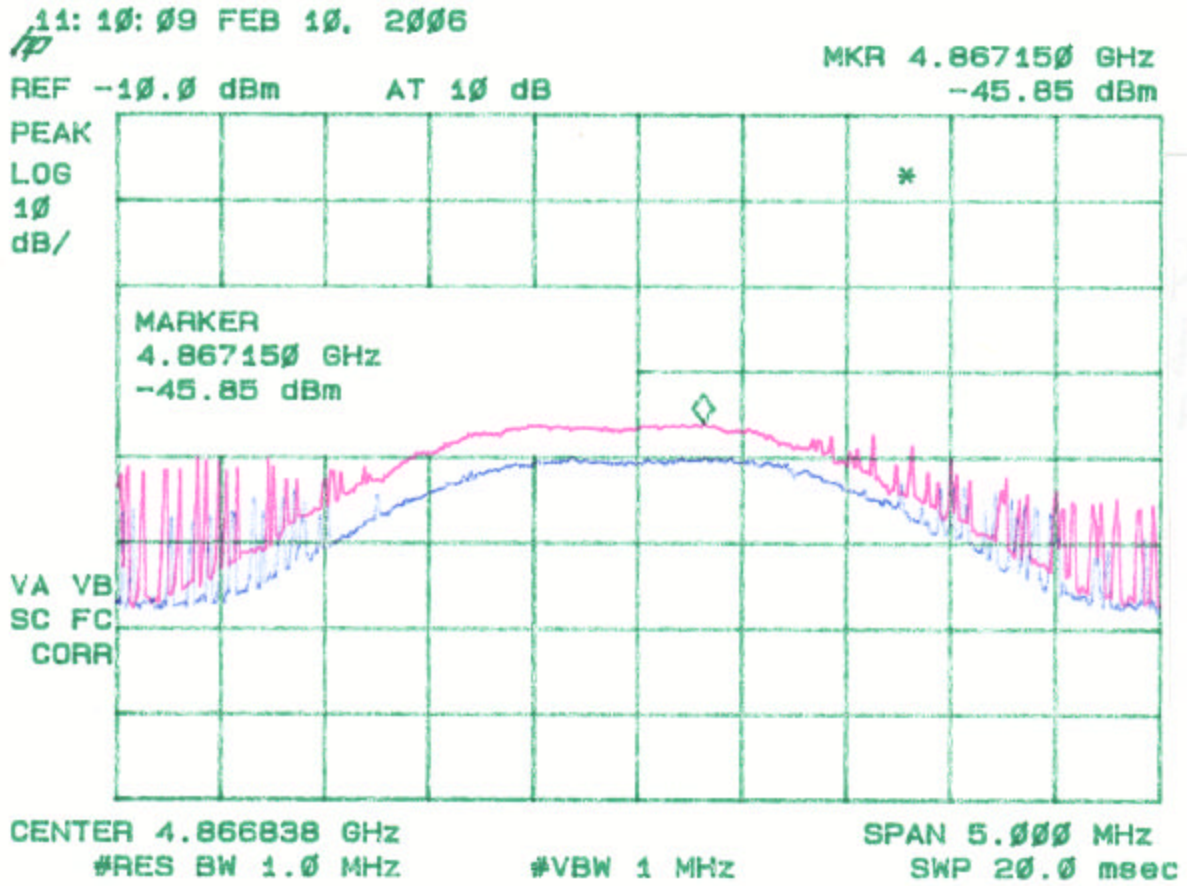
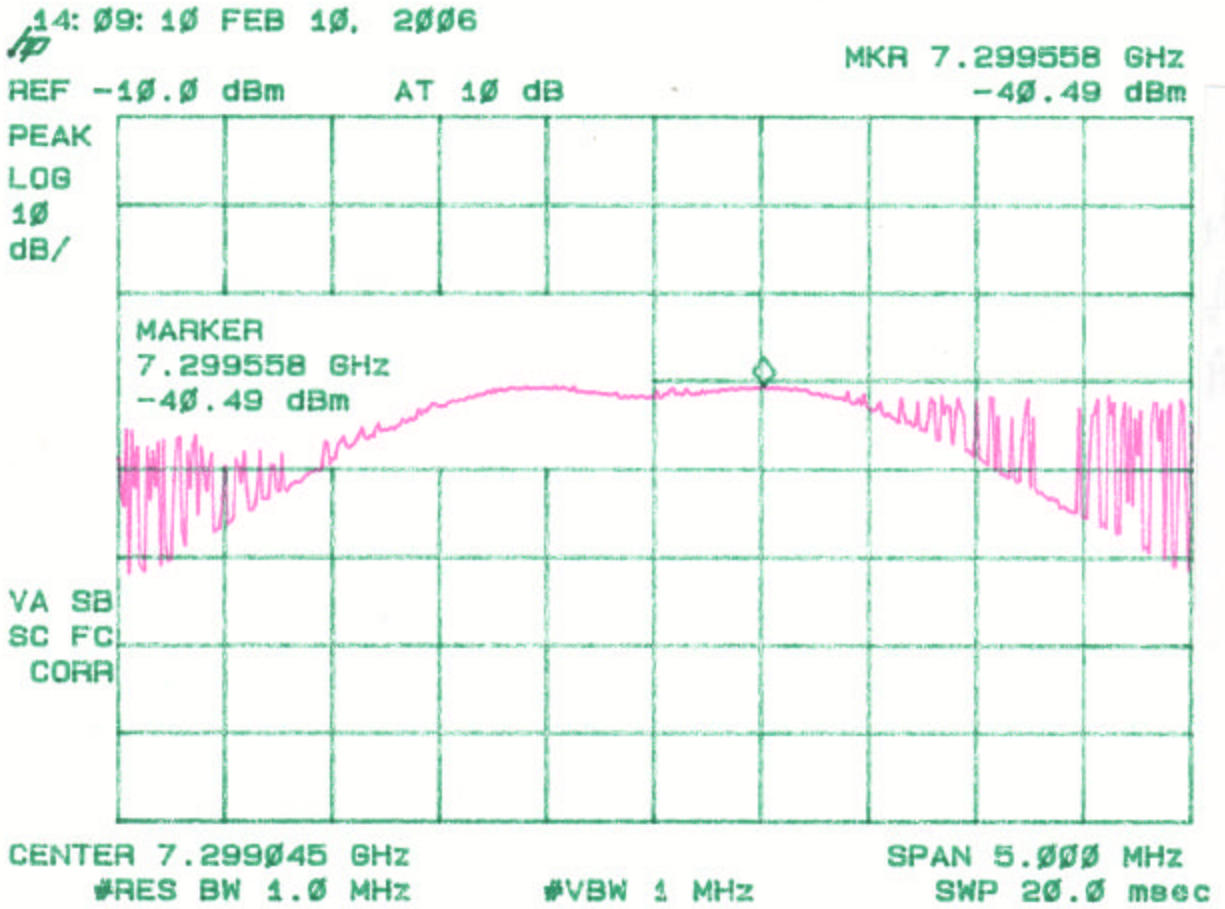


Figure 4q – 3  
Peak Radiated Spurious Emission 15.247(c) Mid – Large Patch Antenna



**Figure 4q – 4**  
**Peak Radiated Spurious Emission 15.247(c) Mid – Large Patch Antenna**

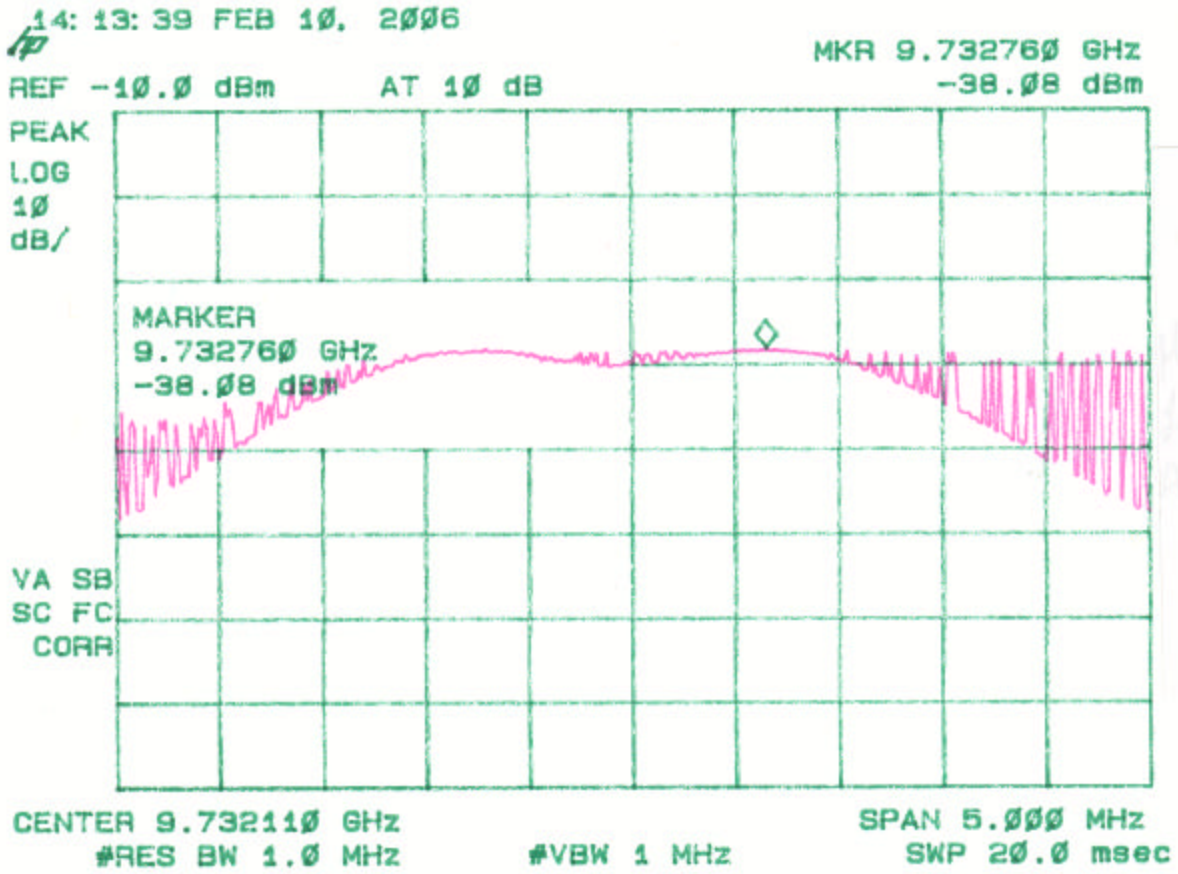
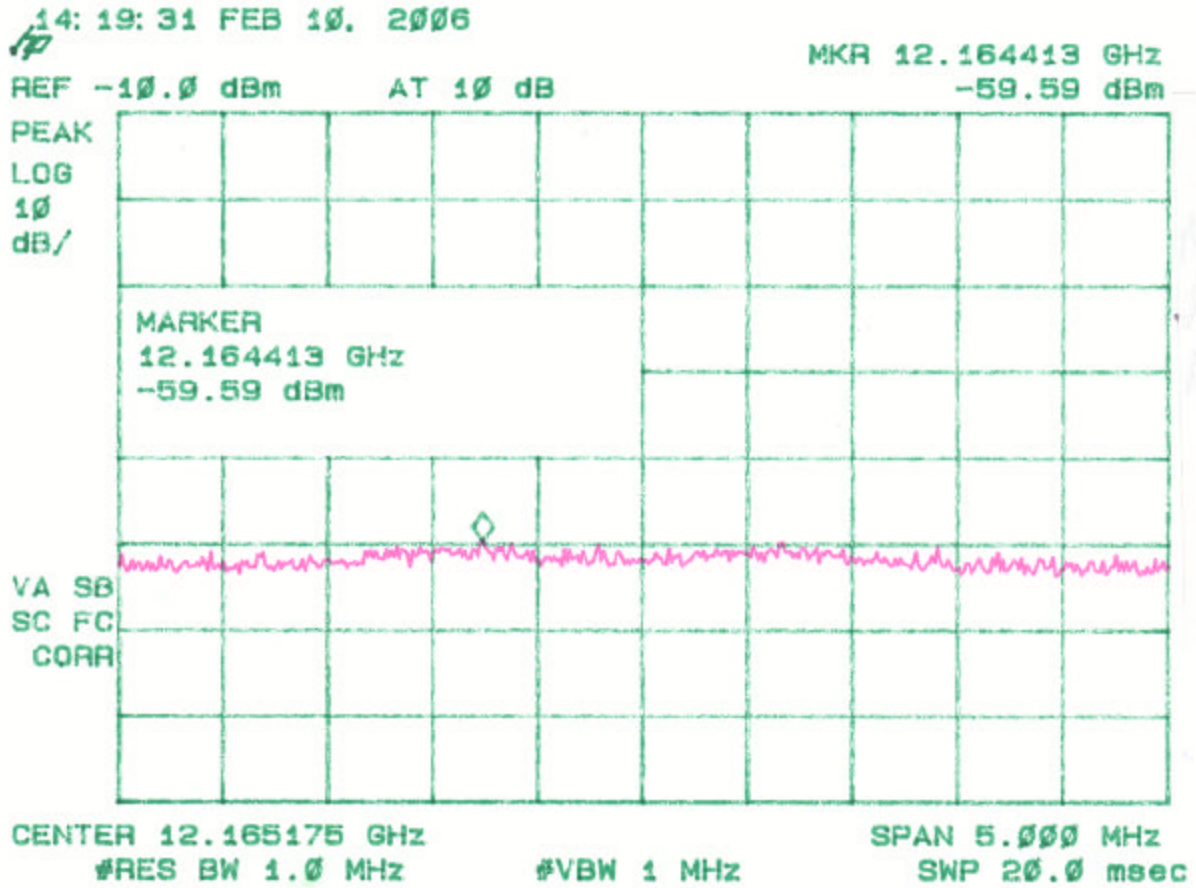




Figure 4q – 5  
Peak Radiated Spurious Emission 15.247(c) Mid – Large Patch Antenna



**Table 4r. PEAK RADIATED SPURIOUS EMISSIONS (High)**  
**Large Patch Antenna**

Radiated Spurious Emissions								
<b>Test By:</b>	<b>Test:</b>	Spurious Emissions-Large Patch Antenna-High Channel				<b>Client:</b>	Cirronet	
AT	<b>Project:</b>	06-0003	<b>Class:</b>		<b>Model:</b>	WIT2450		
<b>Frequency Range</b>	<b>Table</b>	<b>Model</b>	<b>S/N</b>	<b>Valid</b>	<b>Calibrated:</b>			
	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+C A-AMP	Results	Limits	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	(dB)	/ QP
2475.66	-11.5	2hn3mh	95.5	31.7	2298686.6			PK
4950.75	-46.6	2hn3mh	60.4	6.0	2076.3	5000.0	7.6	PK
7425.8	-52.6	2hn3mh	54.4	11.0	1870.4	5000.0	8.5	PK**
9902.7	-52.5	2hn3mh	54.5	13.7	2557.2	229868.7	39.1	PK**
12376.4	-66.3	2hn3mh	40.7	19.7	1043.4	229868.7	46.9	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 ((-46.6 + 6.0 + 107)/20) = 2076.4

CONVERSION FROM dBm TO dBuV = 107 dB

Tester

Signature: \_\_\_\_\_



Name: Austin Thompson

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

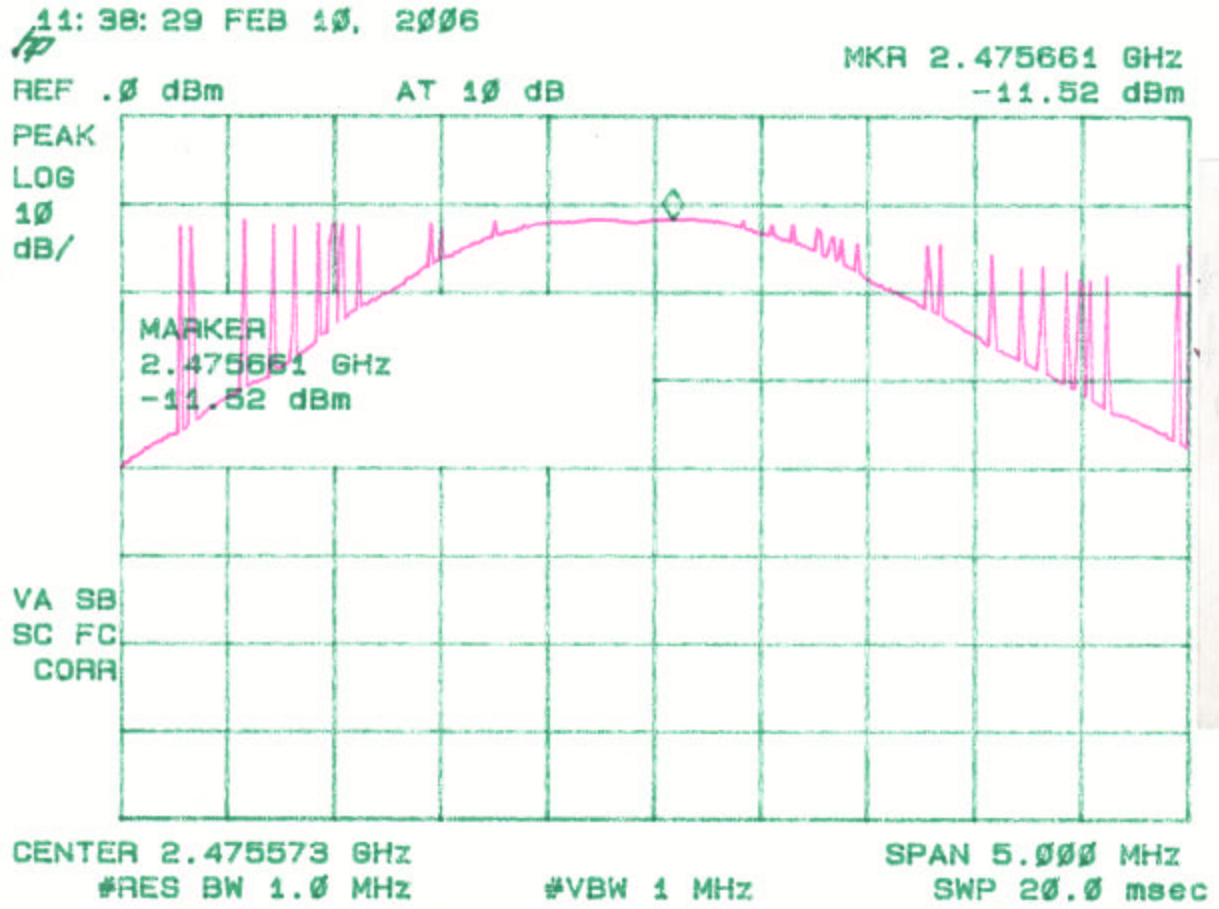


Figure 4r – 2  
Peak Radiated Spurious Emission 15.247(c) High – Large Patch Antenna

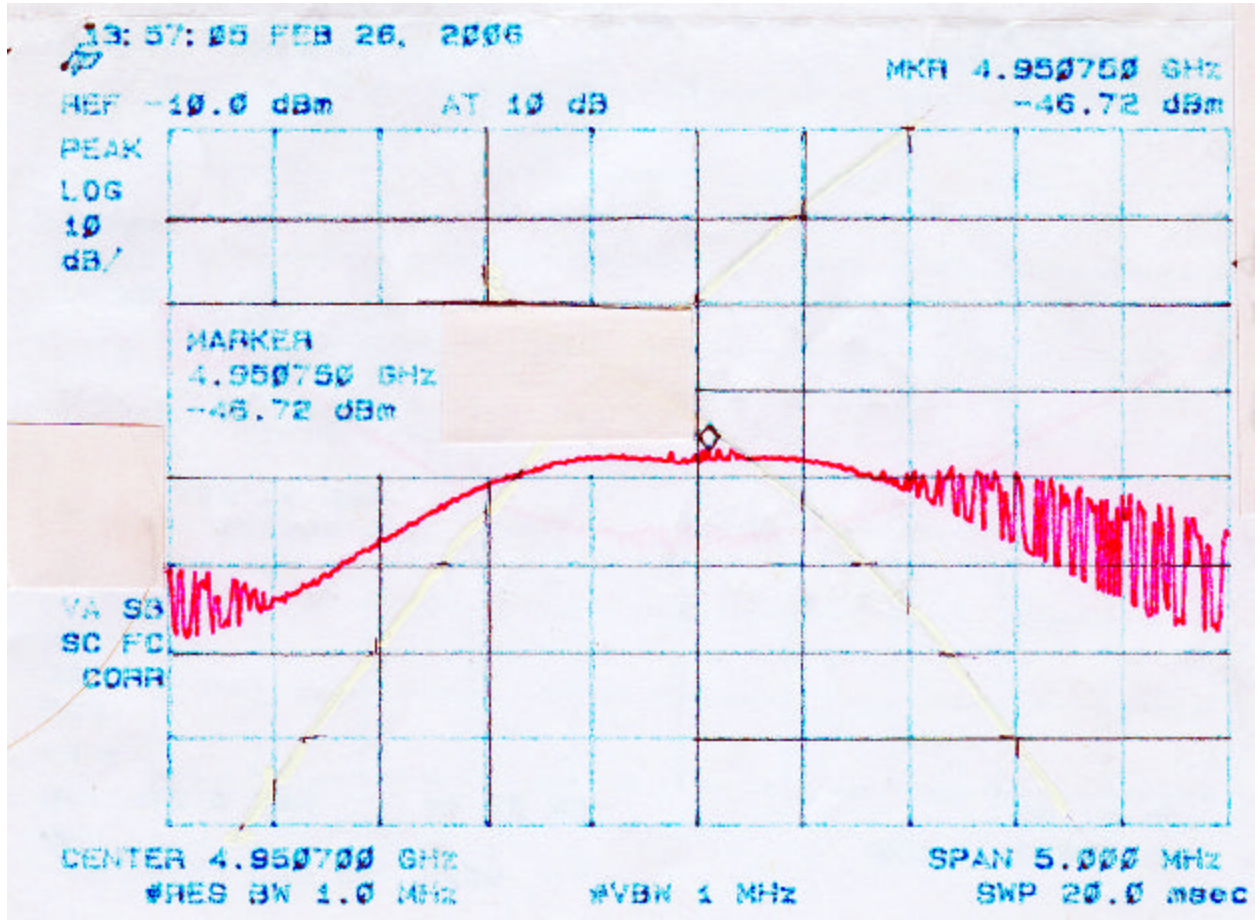




Figure 4r – 3  
Peak Radiated Spurious Emission 15.247(c) High – Large Patch Antenna

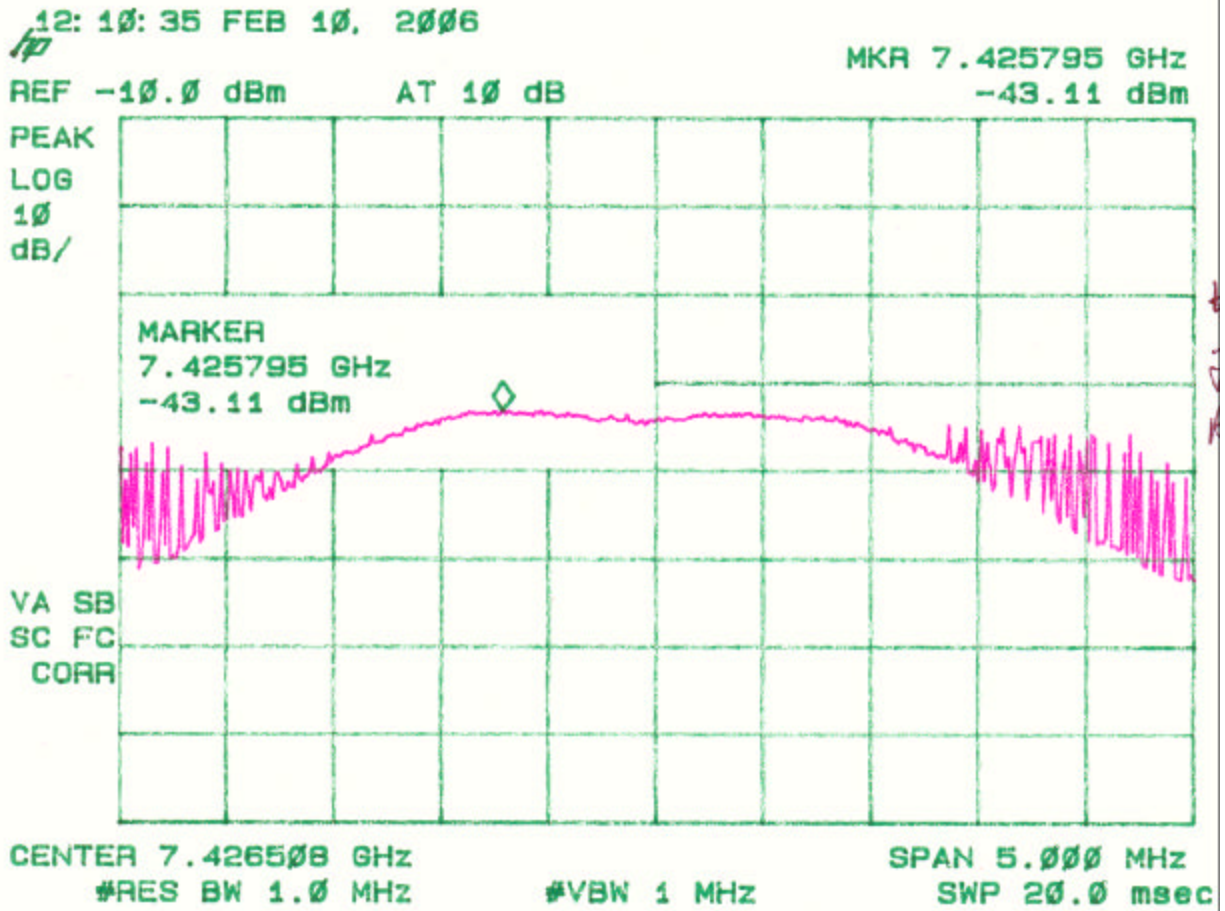


Figure 4r – 4  
Peak Radiated Spurious Emission 15.247(c) High – Large Patch Antenna

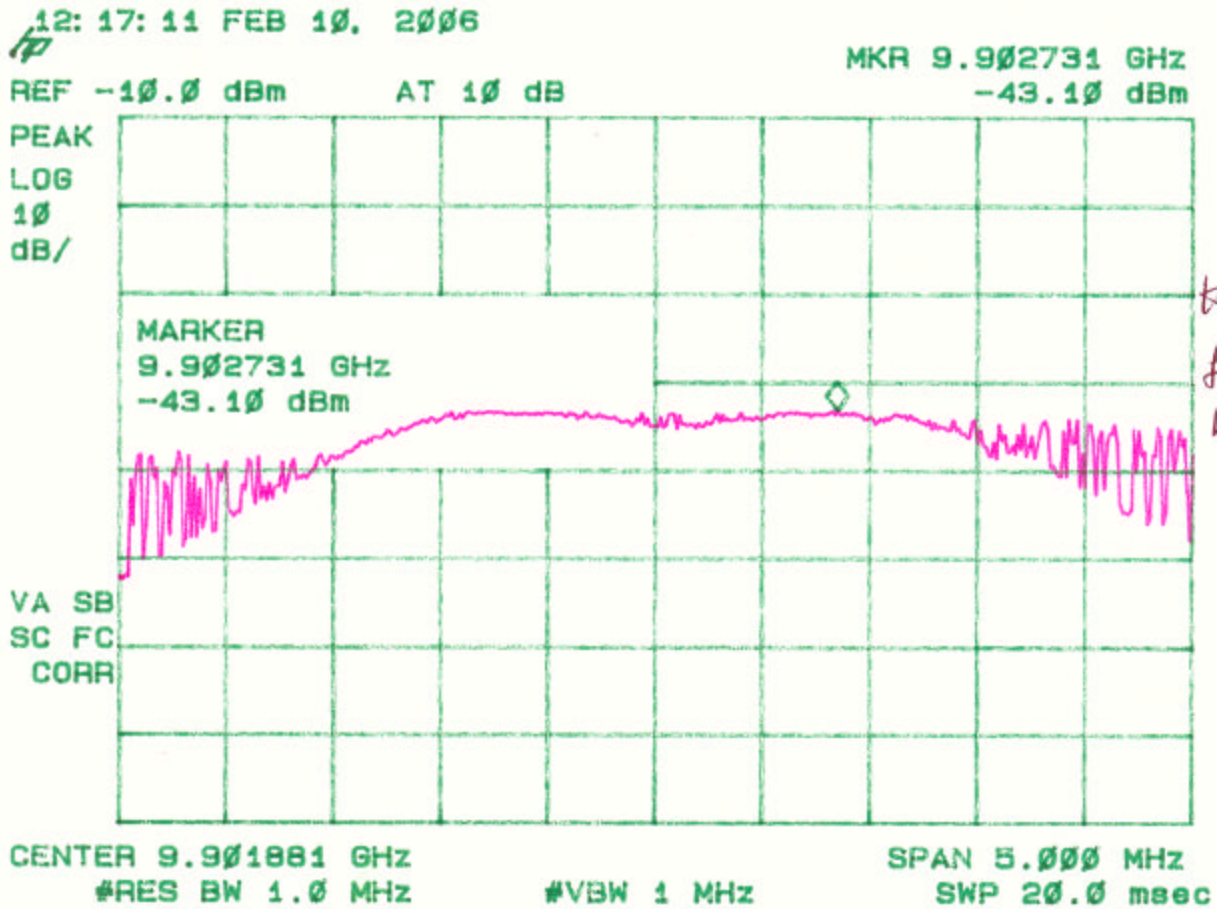


Figure 4r – 5  
Peak Radiated Spurious Emission 15.247(c) High – Large Patch Antenna

