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

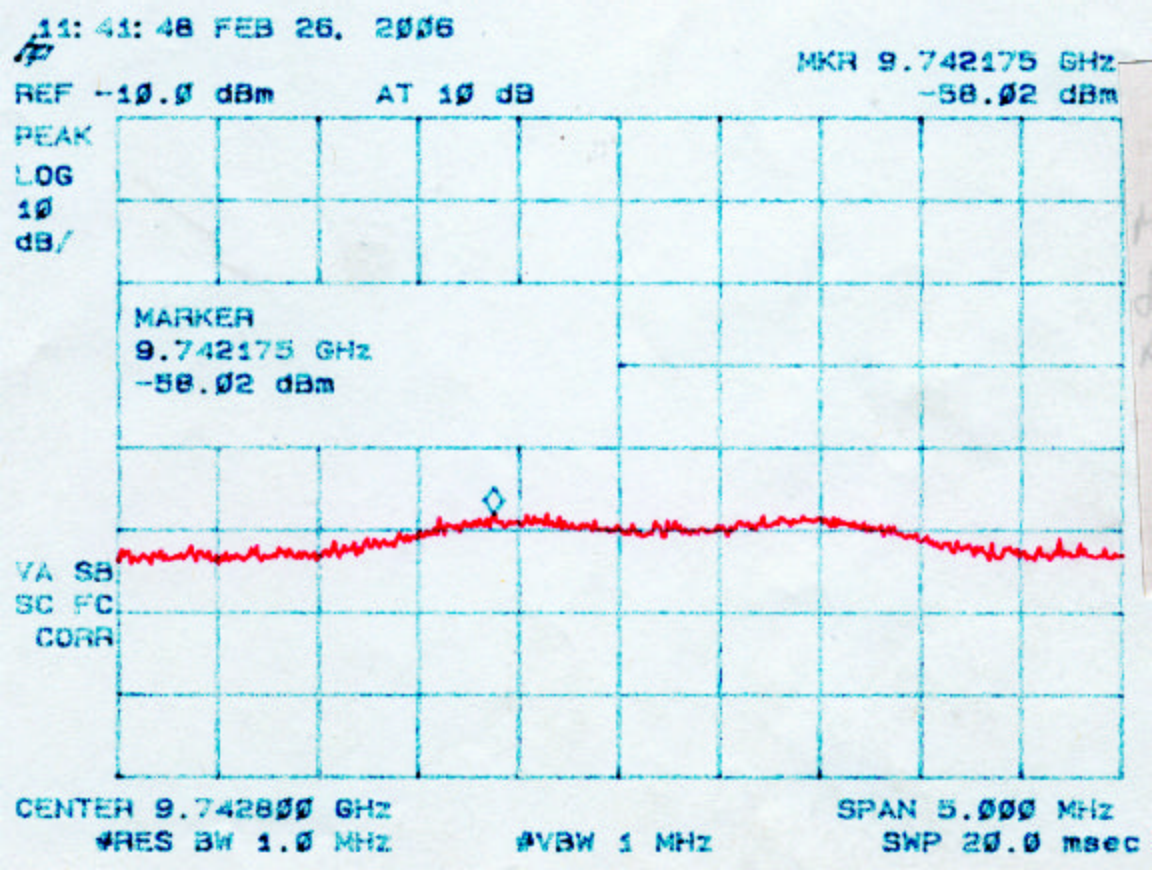

Figure 4k – 5
Peak Radiated Spurious Emission 15.247(c) Mid – Large Patch Antenna

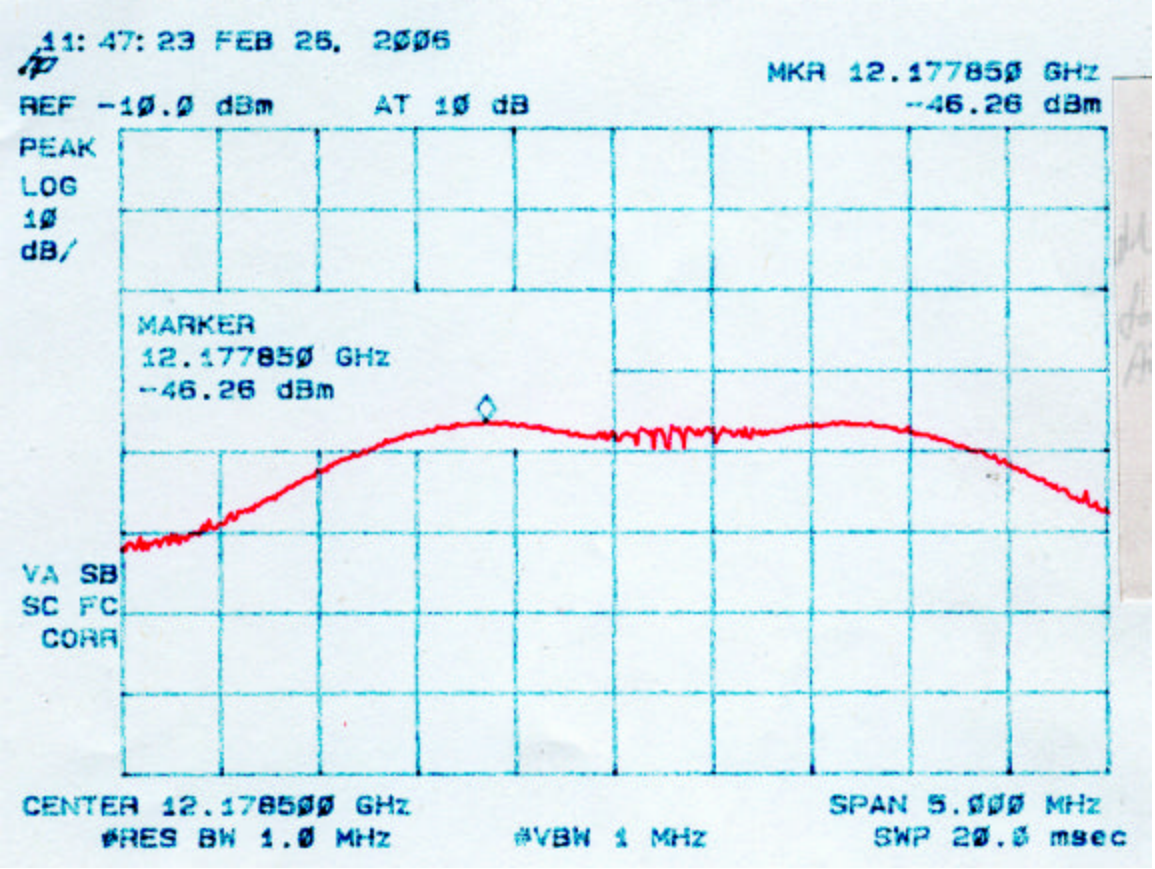

Table 4l. PEAK RADIATED SPURIOUS EMISSIONS (High)
Large Patch Antenna

Radiated Spurious Emissions								
Test By:	**Test:**	Spurious Emissions-Large Patch Ant.-Hi 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**
2469.81	-17.1	2hn3mh	89.9	31.7	1210582.8			**PK**
4939.875	-43.6	2hn3mh	63.4	5.9	2940.1	5000.0	**4.6**	**PK**
7409.013	-48.2	2hn3mh	58.8	11.0	3105.8	121058.3	**31.8**	**PK****
9878.7	-66.9	2hn3mh	40.1	13.6	484.6	121058.3	**48.0**	**PK****
12350.04	-62.1	2hn3mh	44.9	19.6	1678.1	5000.0	**9.5**	**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 ((-43.6 + 5.9 + 107)/20) = 2940.1
CONVERSION FROM dBm TO dBuV = 107 dB

Tester Signature:  **Name: Austin Thompson**

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

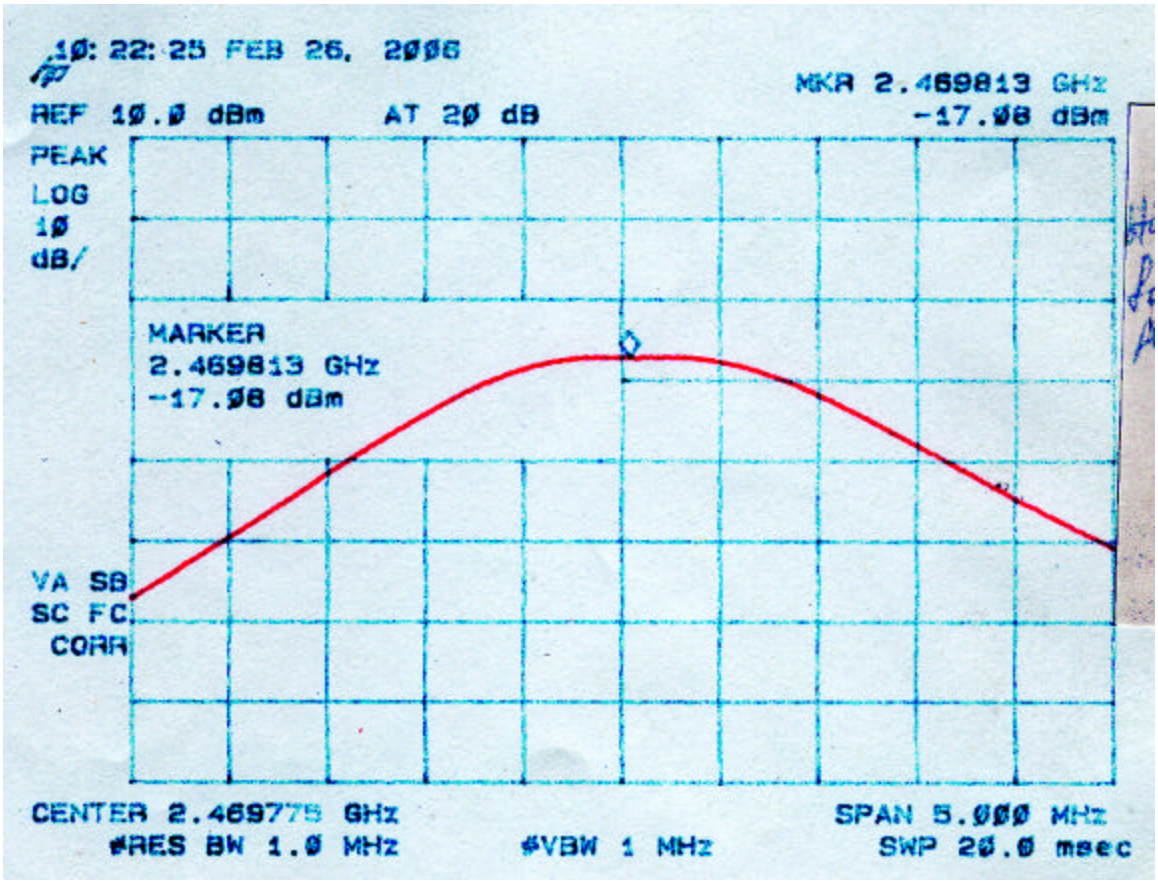

Figure 4l – 2
Peak Radiated Spurious Emission 15.247(c) High – Large Patch Antenna

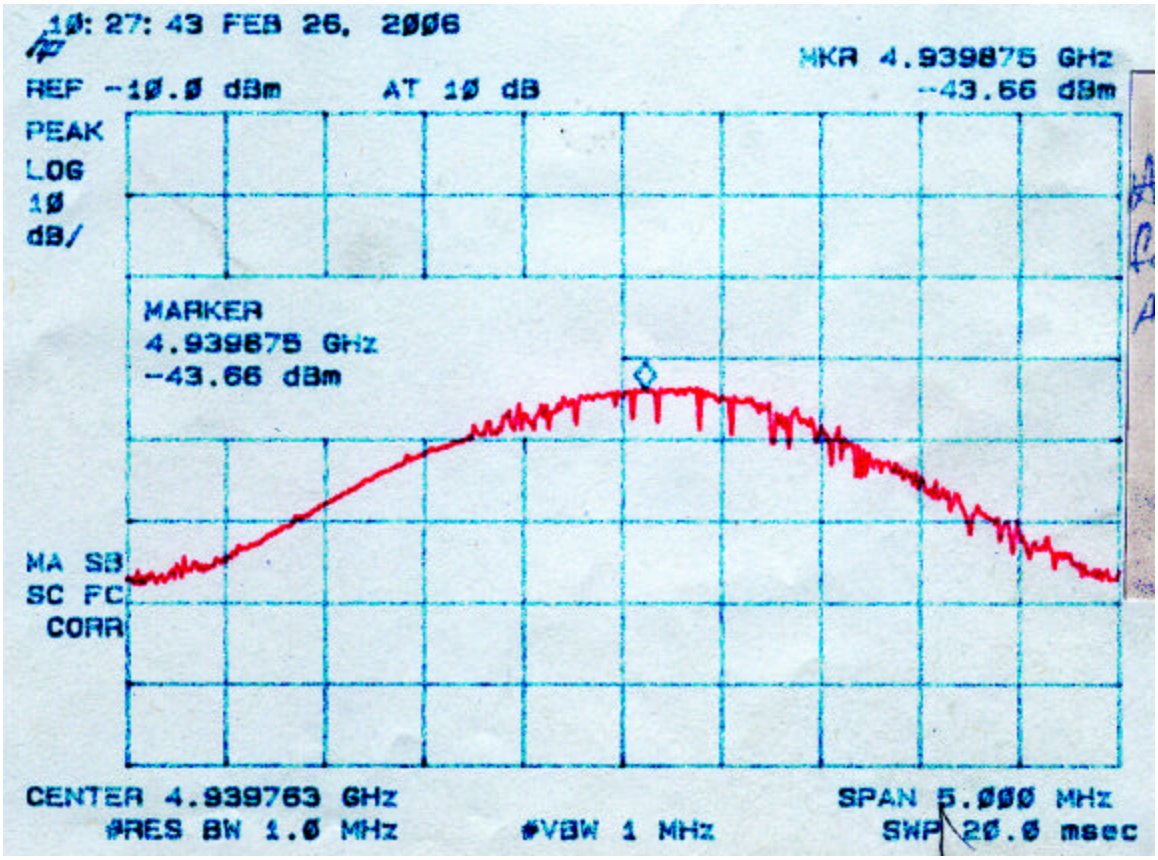

Figure 4l – 3
Peak Radiated Spurious Emission 15.247(c) High –
Large Patch Antenna

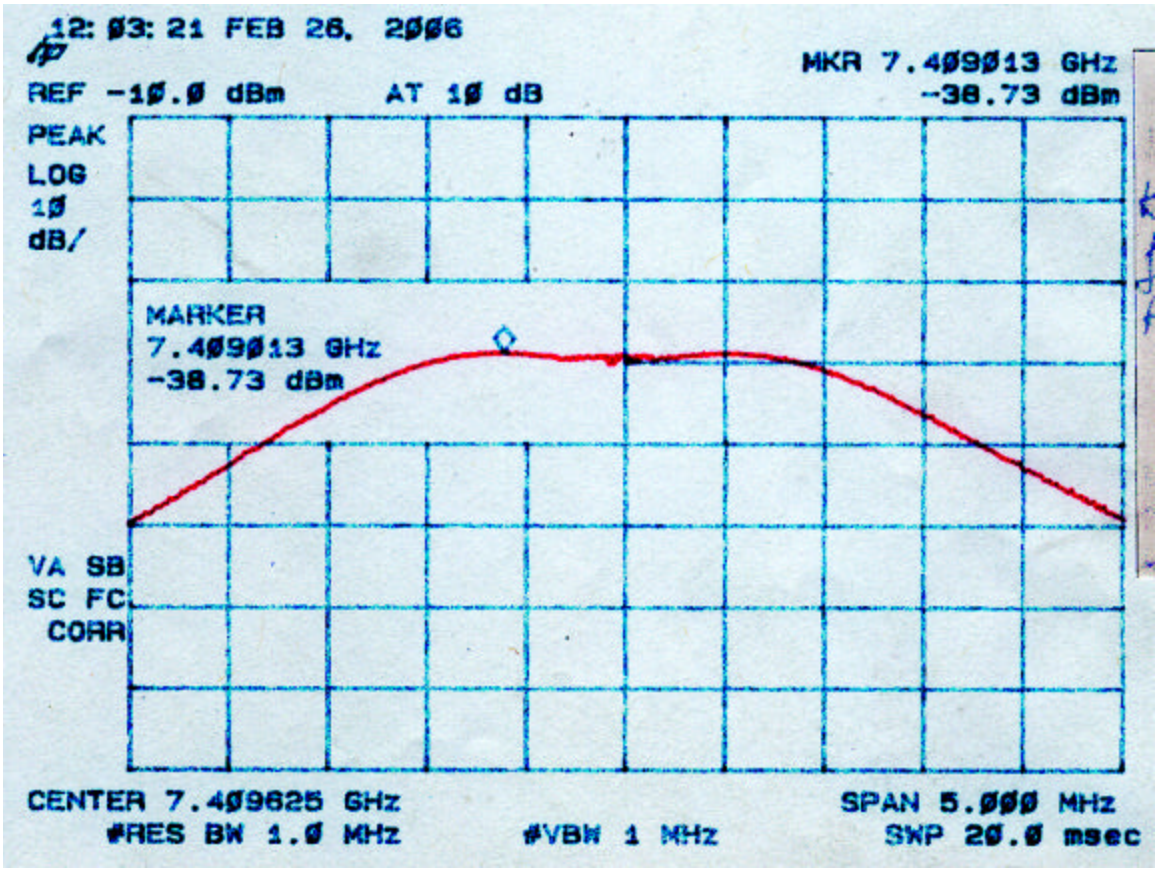

Figure 4l – 4
Peak Radiated Spurious Emission 15.247(c) High –
Large Patch Antenna

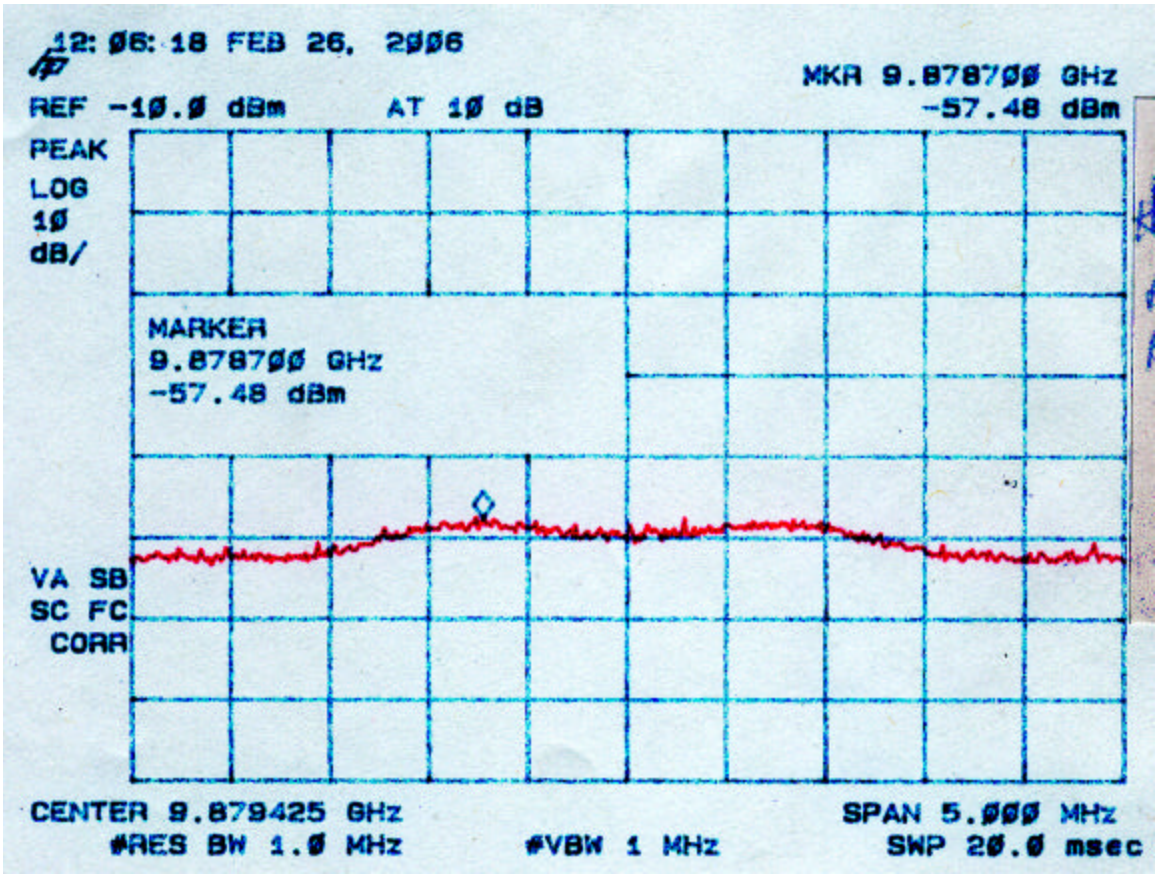

Figure 4l – 5
Peak Radiated Spurious Emission 15.247(c) High –
Large Patch Antenna

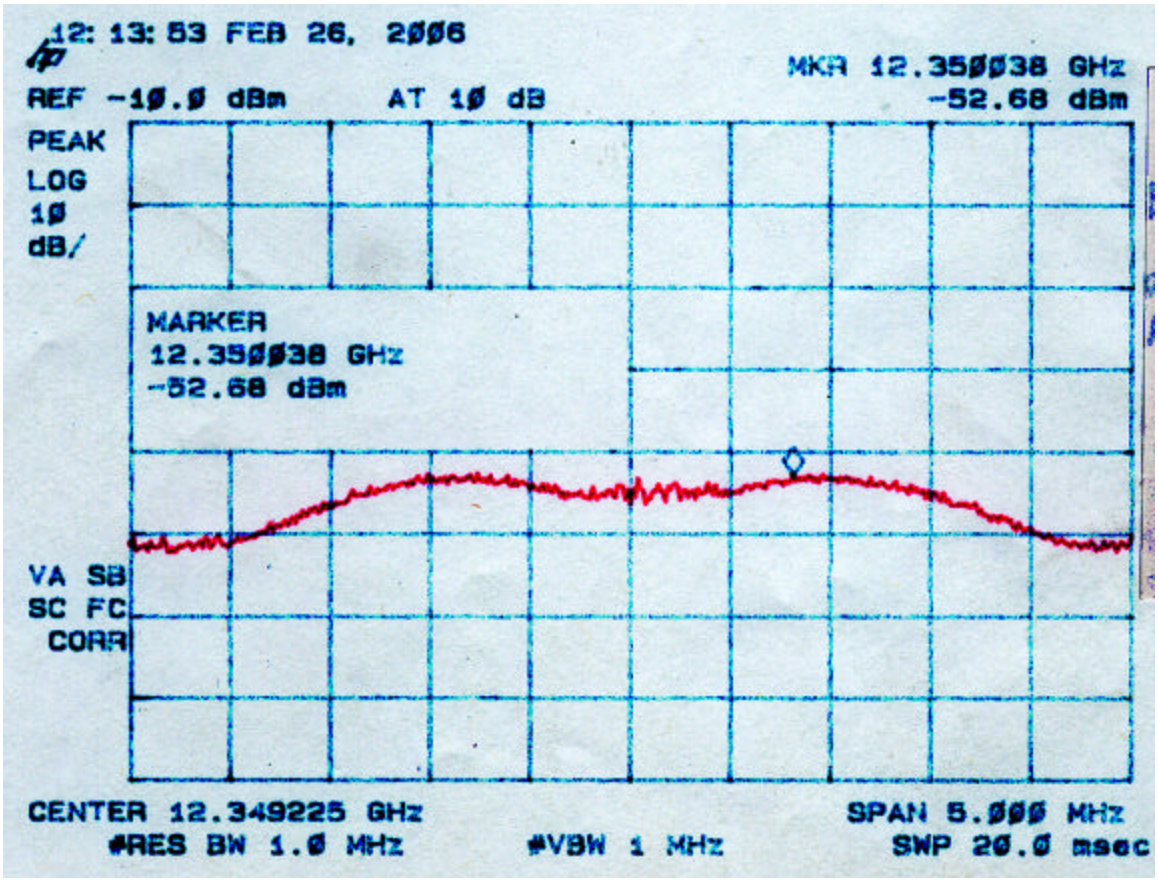

Table 4m. PEAK RADIATED SPURIOUS EMISSIONS (Low)
Gold Whip Antenna

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Radiated Spurious Emissions								
Test By:	**Test:**	Spurious Emissions-Whip 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**
2401.53	-22.7	2hn3mh	84.3	31.6	624204.0			**PK**
4803.726	-44.2	2hn3mh	62.9	5.4	2598.7	5000.0	**5.7**	**PK**
7205.389	-40.5	2hn3mh	66.5	10.7	7267.8	62420.4	**18.7**	**PK****
9605.926	-59.5	2hn3mh	47.5	13.3	1102.2	62420.4	**35.1**	**PK****
12007.4	-65.6	2hn3mh	41.4	18.9	1044.1	5000.0	**13.6**	**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 ((-44.2 + 5.4 + 107)/20) = 2598.7
CONVERSION FROM dBm TO dBuV = 107 dB

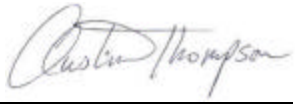
Tester Signature:  **Name: Austin Thompson**

Figure 4m – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Low – Gold Whip Antenna

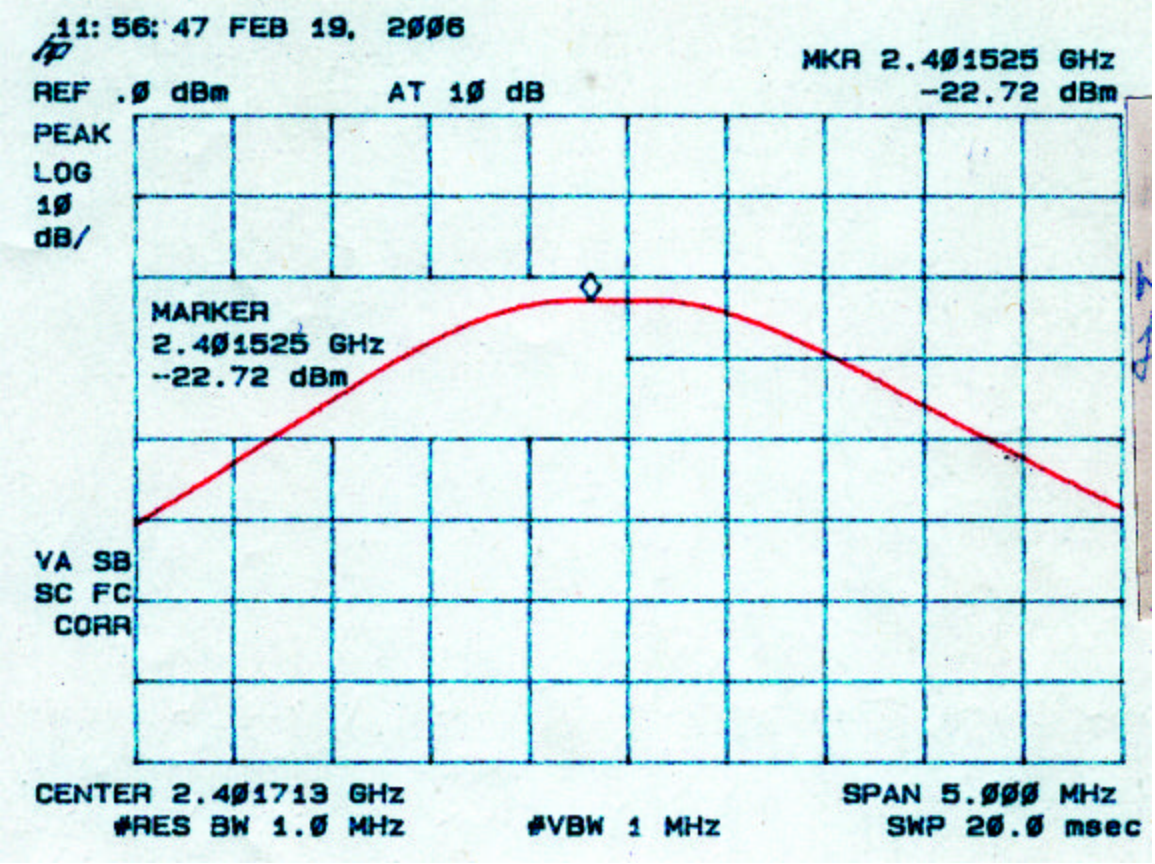


Figure 4m – 2
Peak Radiated Spurious Emission 15.247(c) Low –
Gold Whip Antenna

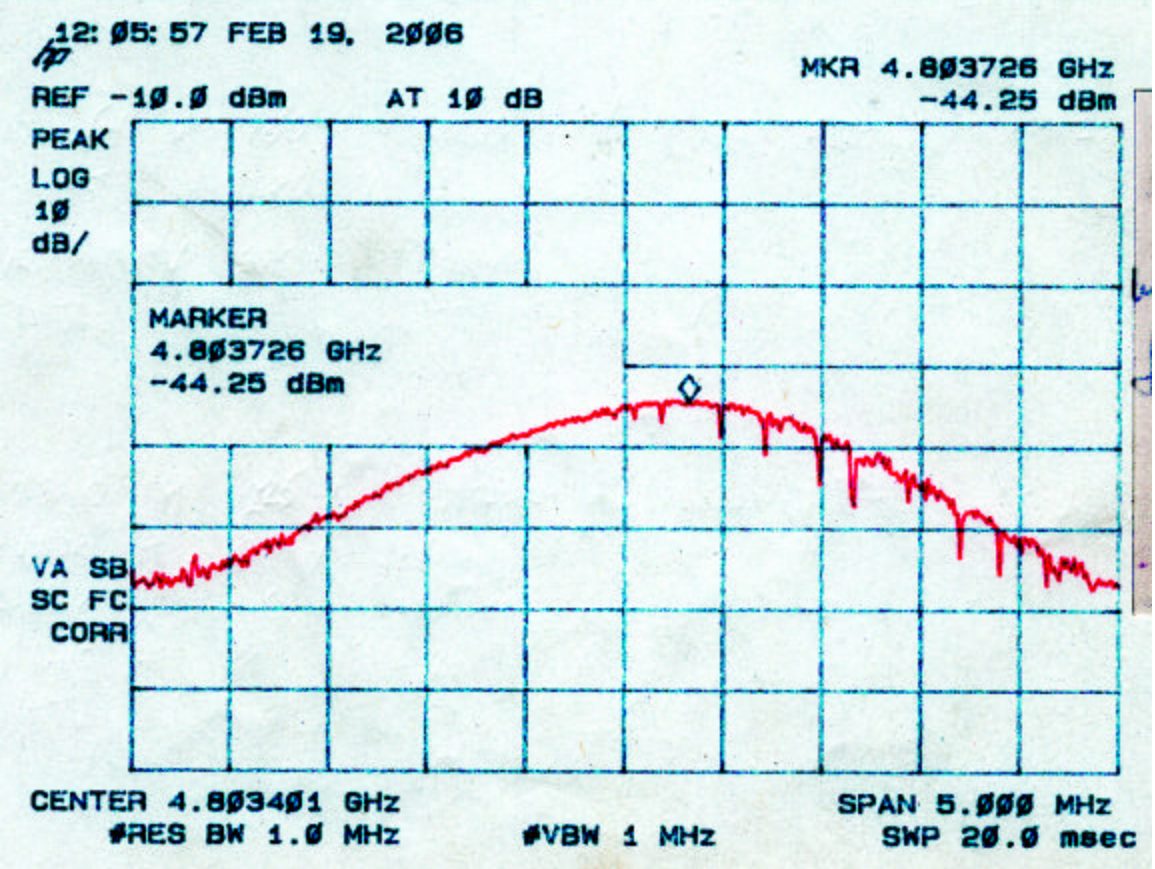


Figure 4m – 3
Peak Radiated Spurious Emission 15.247(c) Low –
Gold Whip Antenna

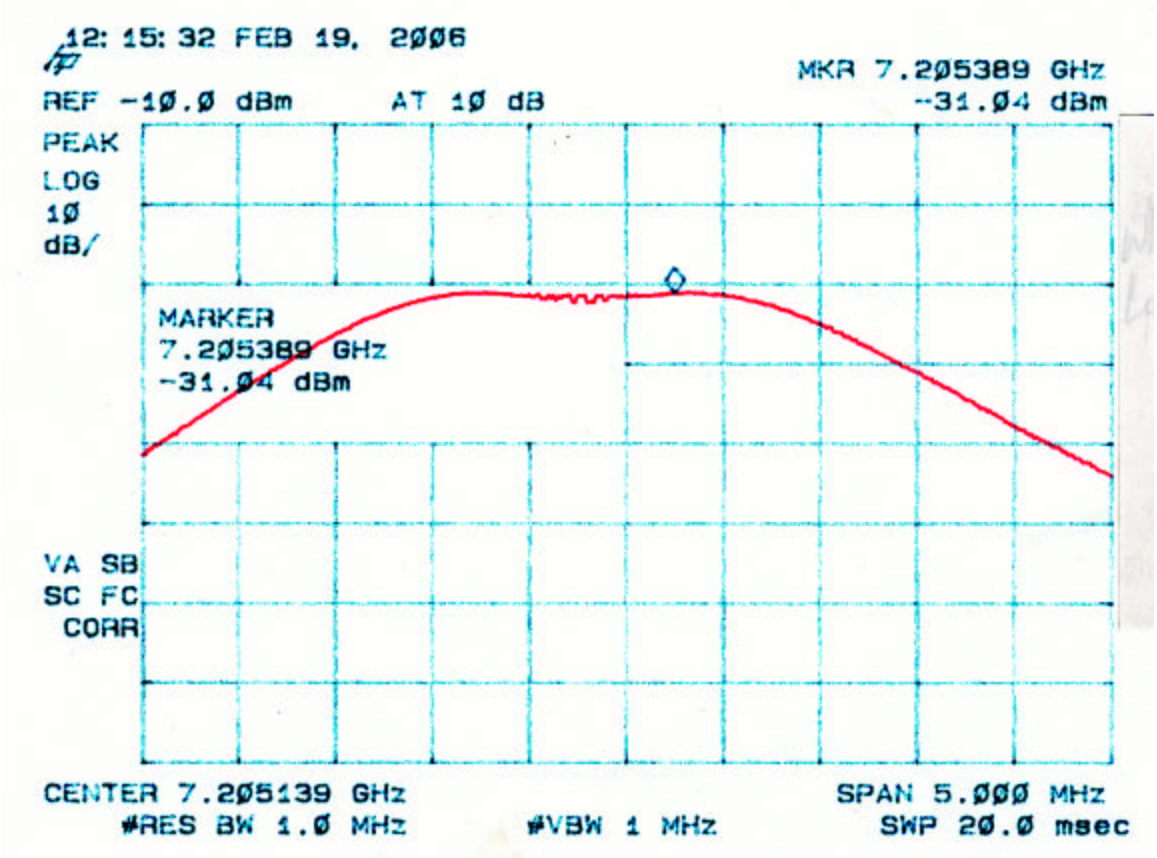


Figure 4m – 4
Peak Radiated Spurious Emission 15.247(c) Low –
Gold Whip Antenna

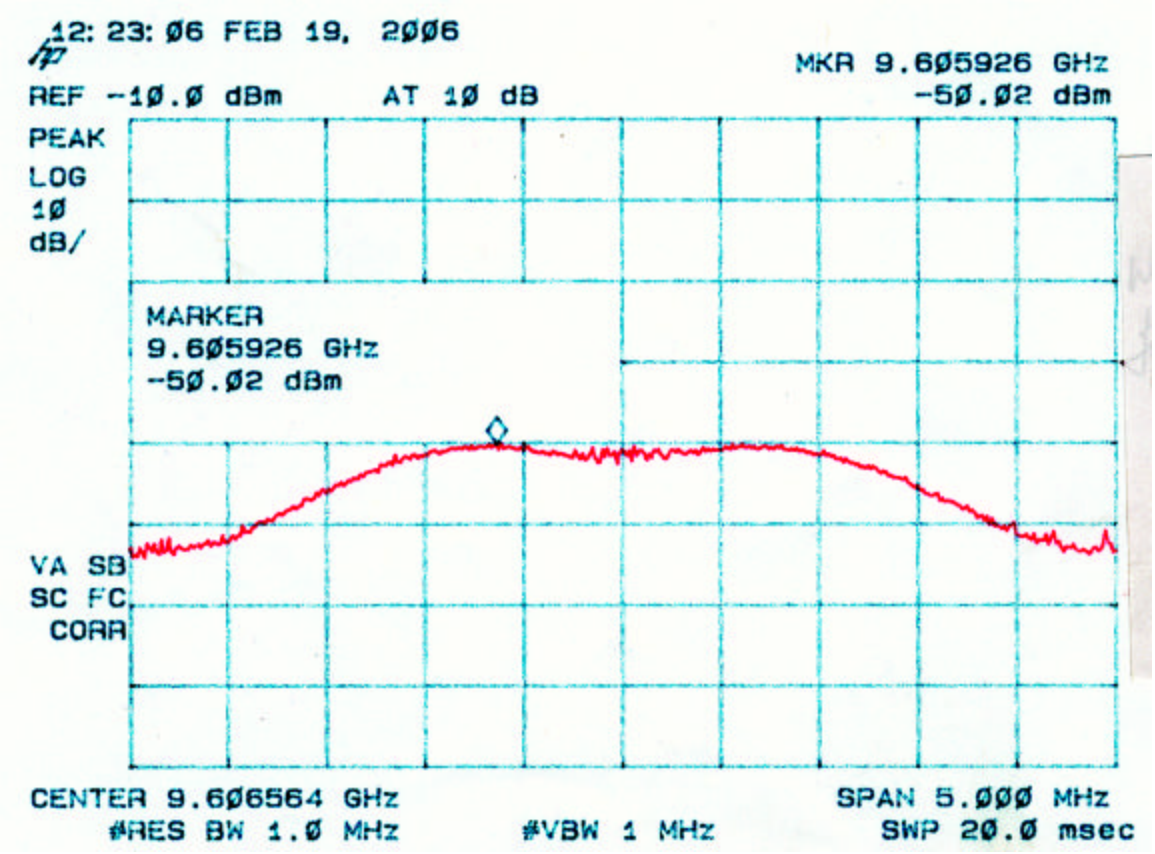


Figure 4m – 5
Peak Radiated Spurious Emission 15.247(c) Low –
Gold Whip Antenna

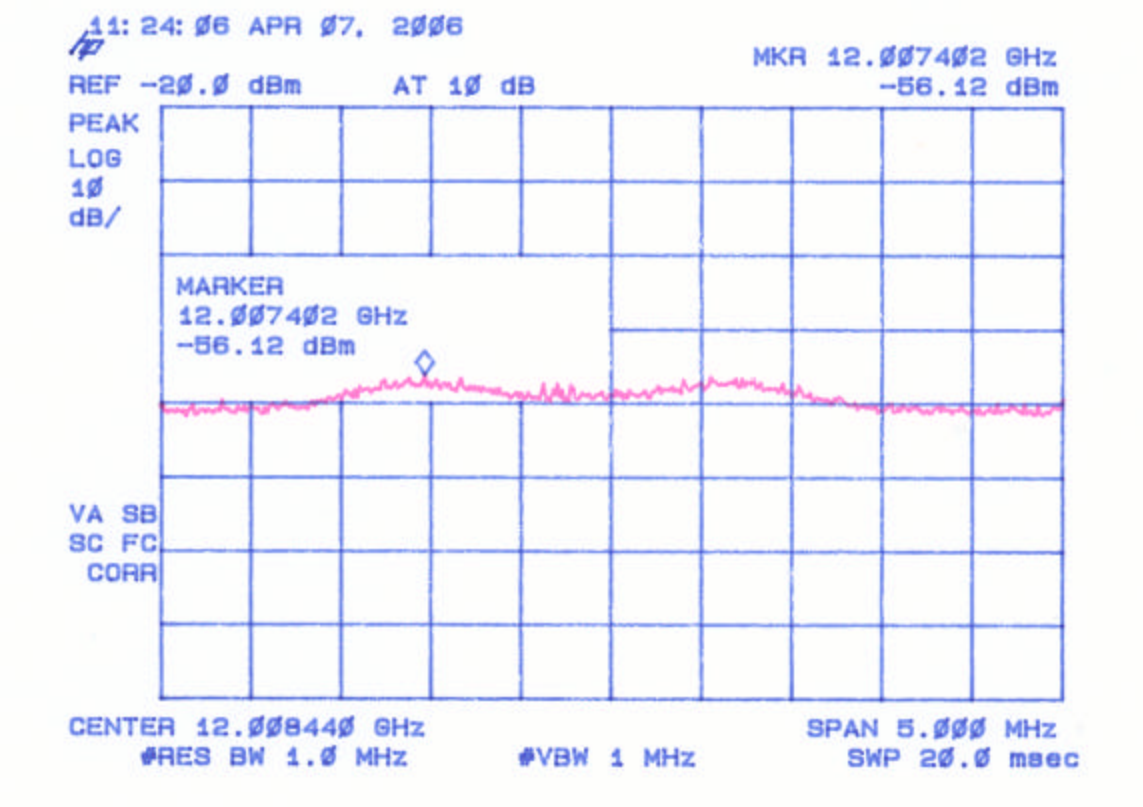


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Table 4n. PEAK RADIATED SPURIOUS EMISSIONS (Mid)
Gold Whip Antenna

Radiated Spurious Emissions								
Test By:	**Test:**	Spurious Emissions-Whip 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**
2435.71	-25.9	2hn3mh	81.2	31.7	438191.7			**PK**
4871.763	-52.8	2hn3mh	54.2	5.7	983.6	5000.0	**14.1**	**PK**
7307.788	-46.0	2hn3mh	61.0	10.9	3900.2	5000.0	**2.2**	**PK****
9743.639	-60.6	2hn3mh	46.4	13.5	981.5	43819.2	**33.0**	**PK****
12179.78	-61.2	2hn3mh	45.8	19.3	1802.6	5000.0	**8.9**	**PK****
14615.45	-64.4	2hn3mh	42.6	22.8	1860.9	43819.2	**27.4**	**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 ((-52.8 + 5.7 + 107)/20) = 983.6
CONVERSION FROM dBm TO dBuV = 107 dB

Tester Signature:  **Name: Austin Thompson**

Figure 4n – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental Mid – Gold Whip Antenna

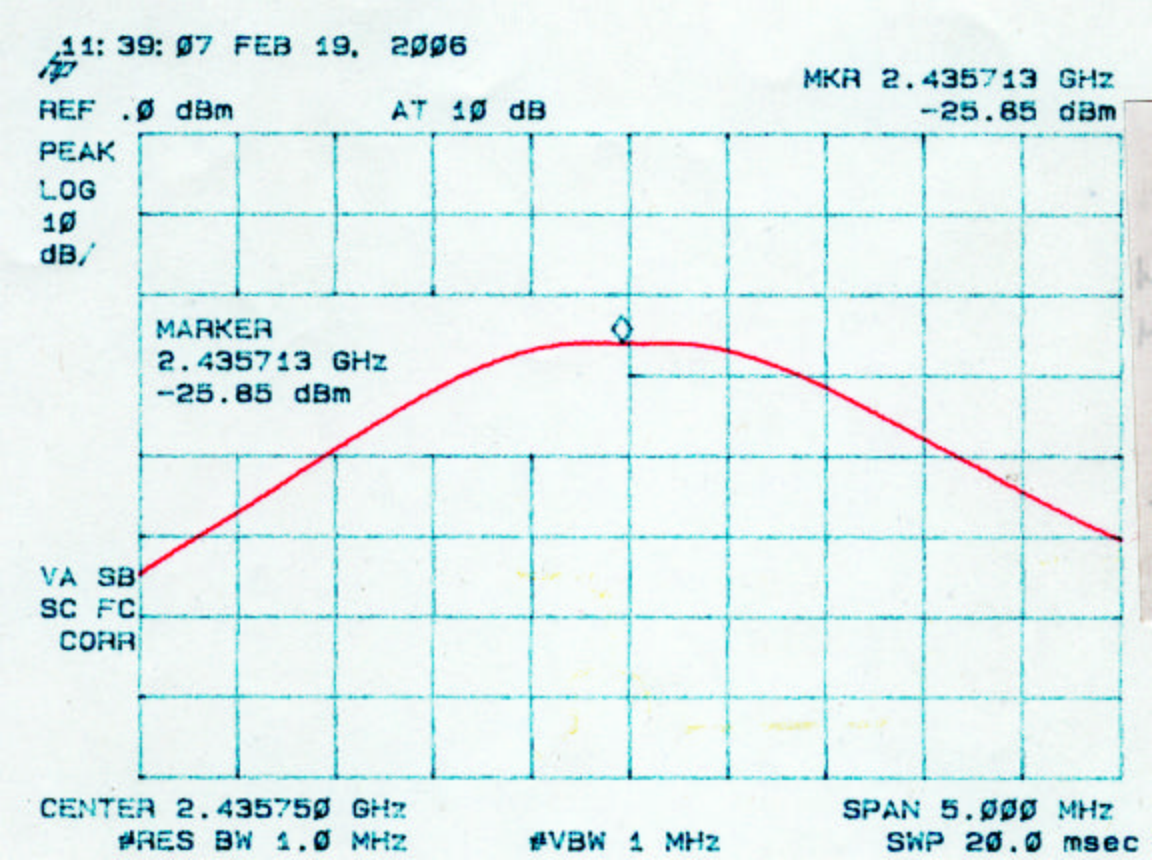


Figure 4n – 2
Peak Radiated Spurious Emission 15.247(c) Mid – Gold Whip Antenna

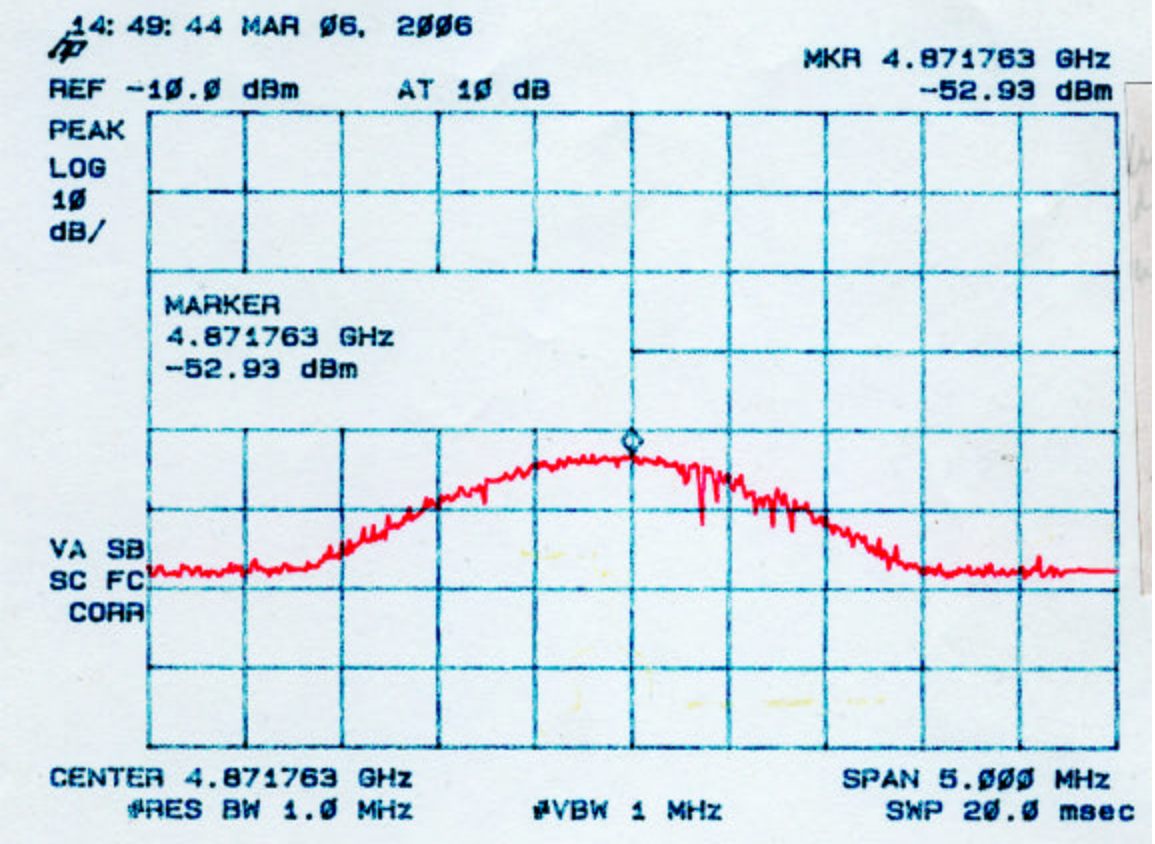


Figure 4n – 3
Peak Radiated Spurious Emission 15.247(c) Mid – Gold Whip Antenna

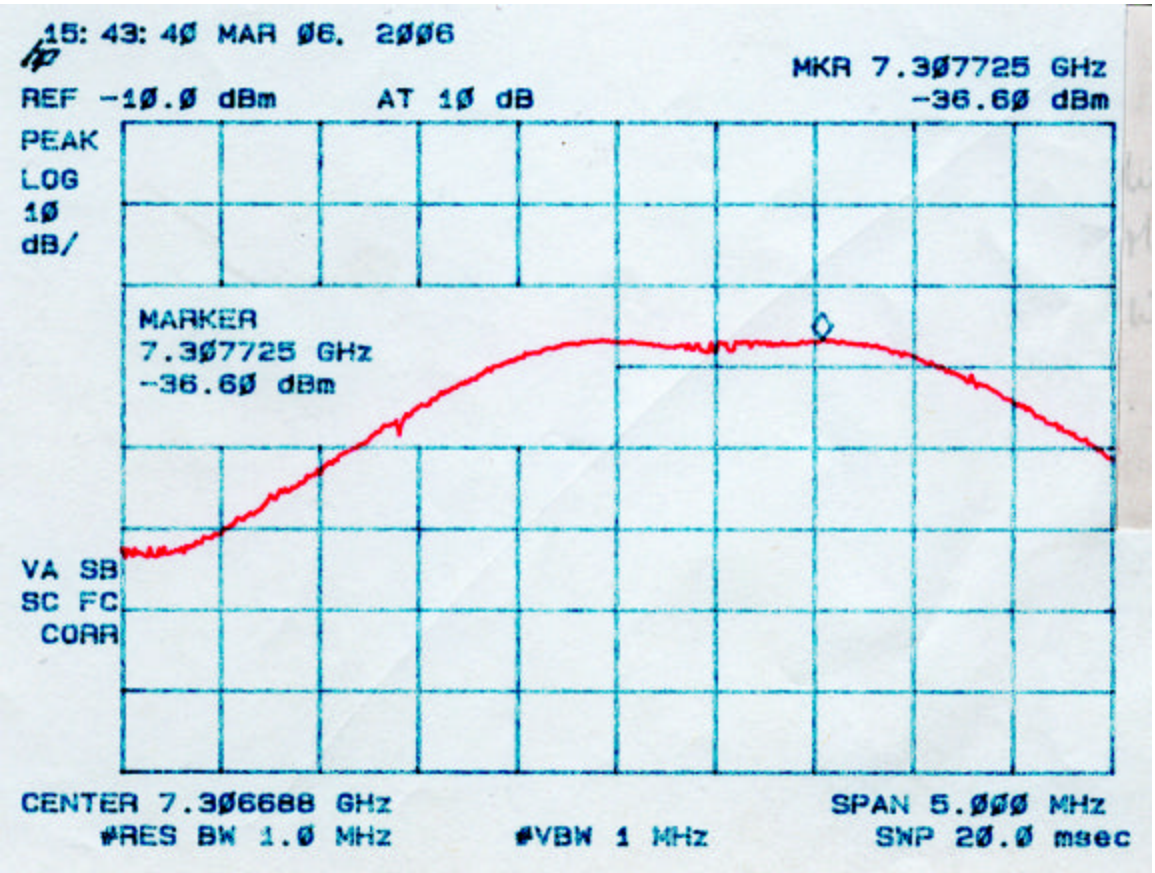


Figure 4n – 4
Peak Radiated Spurious Emission 15.247(c) Mid – Gold Whip Antenna

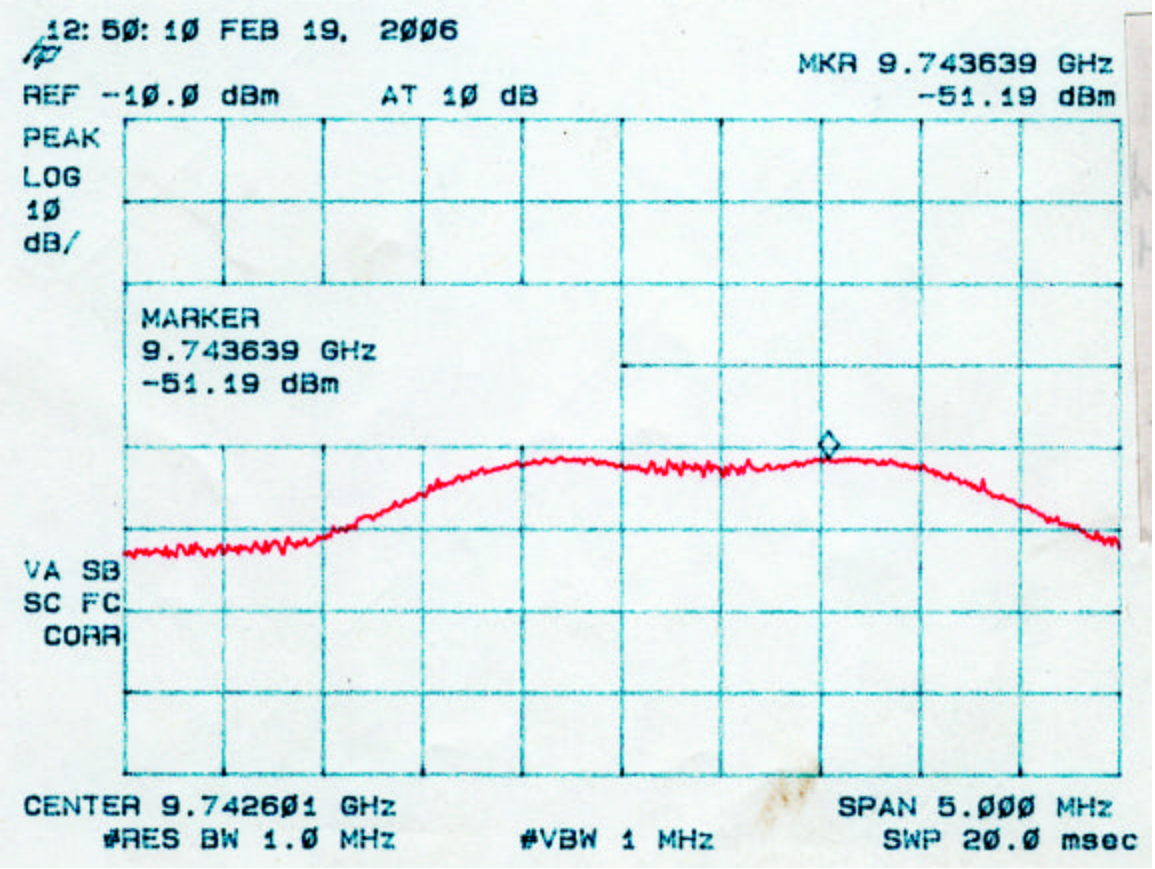


Figure 4n – 5
Peak Radiated Spurious Emission 15.247(c) Mid – Gold Whip Antenna

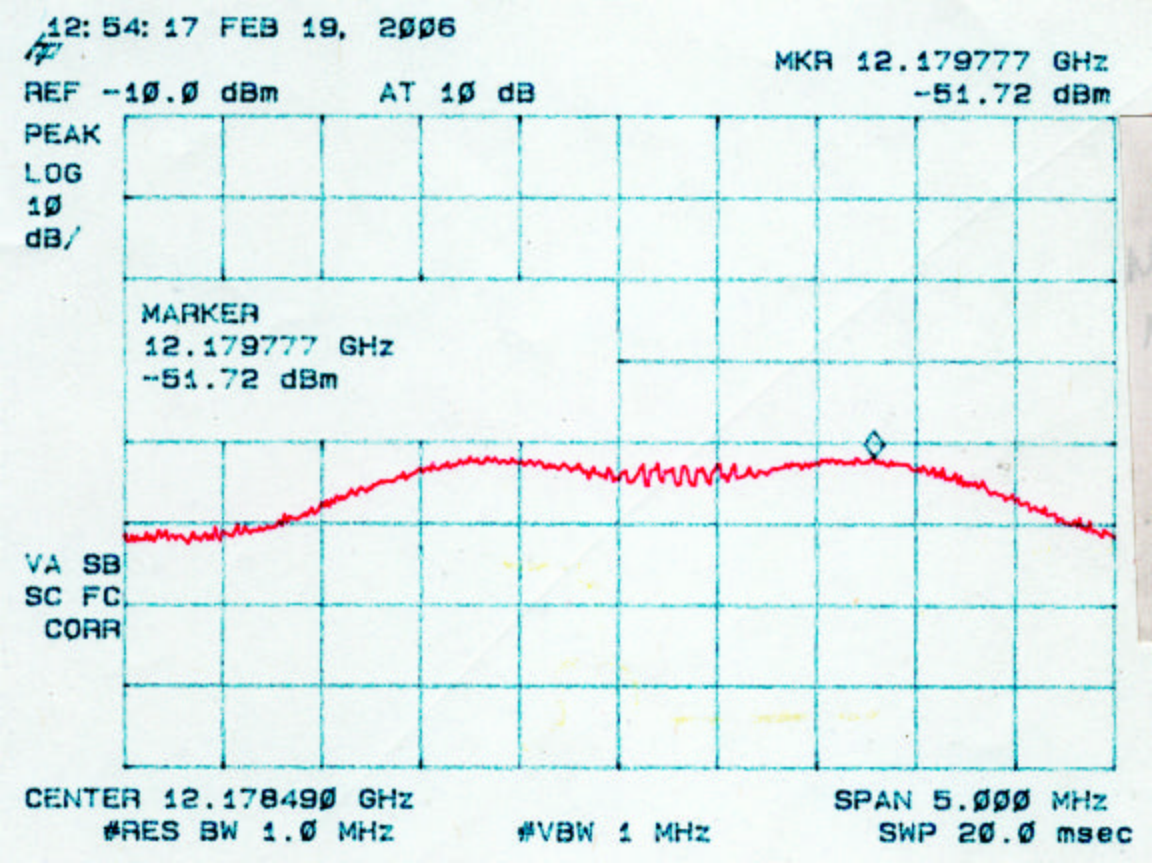


Figure 4n – 6
Peak Radiated Spurious Emission 15.247(c) Mid – Gold Whip Antenna

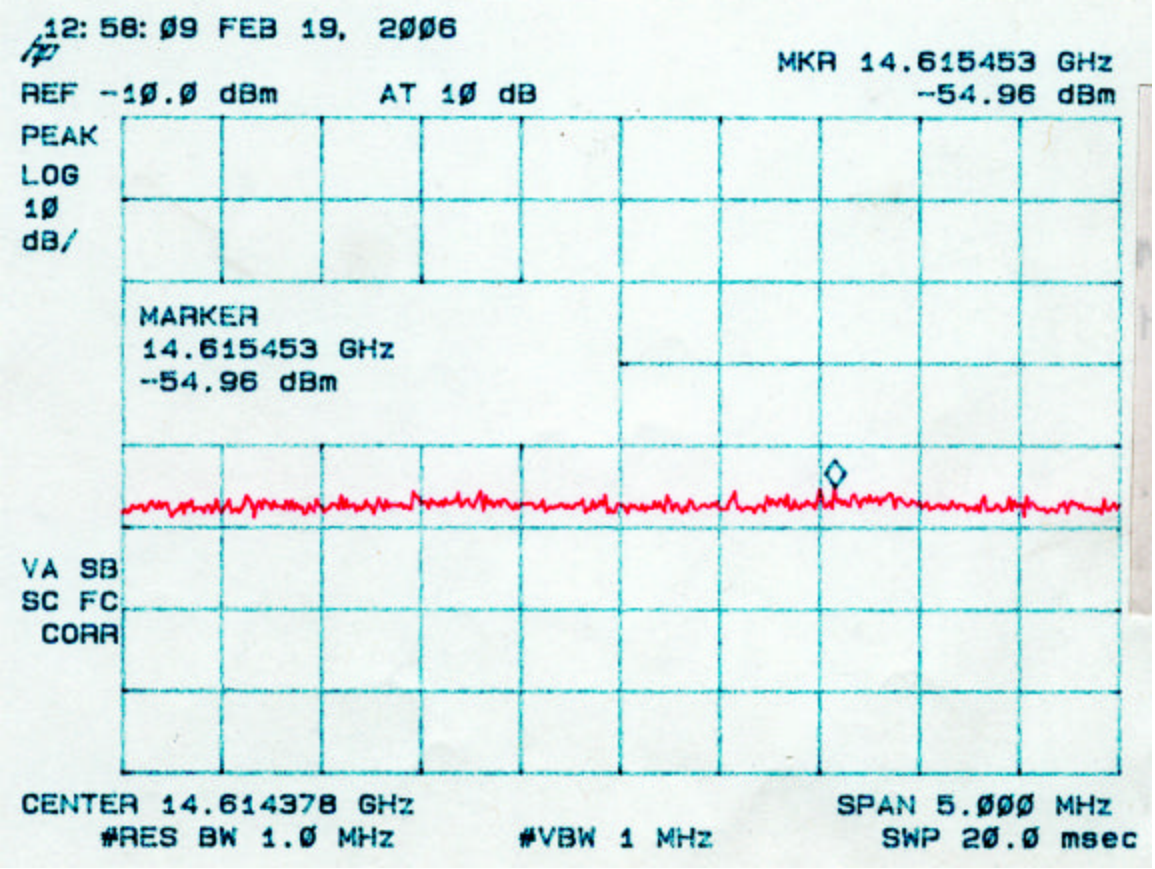


Table 4o. PEAK RADIATED SPURIOUS EMISSIONS (High)
Gold Whip Antenna

Radiated Spurious Emissions								
Test By:	**Test:**	Spurious Emissions-Whip 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**
2469.75	-28.2	2hn3mh	78.8	31.7	336116.0			**PK**
4939.713	-48.9	2hn3mh	58.2	5.9	1598.9	5000.0	**9.9**	**PK**
7409.313	-47.1	2hn3mh	59.9	11.0	3521.3	5000.0	**3.0**	**PK****
9878.576	-60.6	2hn3mh	46.5	13.6	1008.9	33611.6	**30.5**	**PK****
12350.07	-64.3	2hn3mh	42.7	19.6	1299.7	5000.0	**11.7**	**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 + 5.9 + 107)/20) = 1598.9
CONVERSION FROM dBm TO dBuV = 107 dB

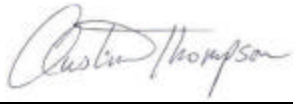
Tester Signature:  **Name: Austin Thompson**

Figure 4o – 1
Peak Radiated Spurious Emission 15.247(c) Fundamental High – Gold Whip Antenna

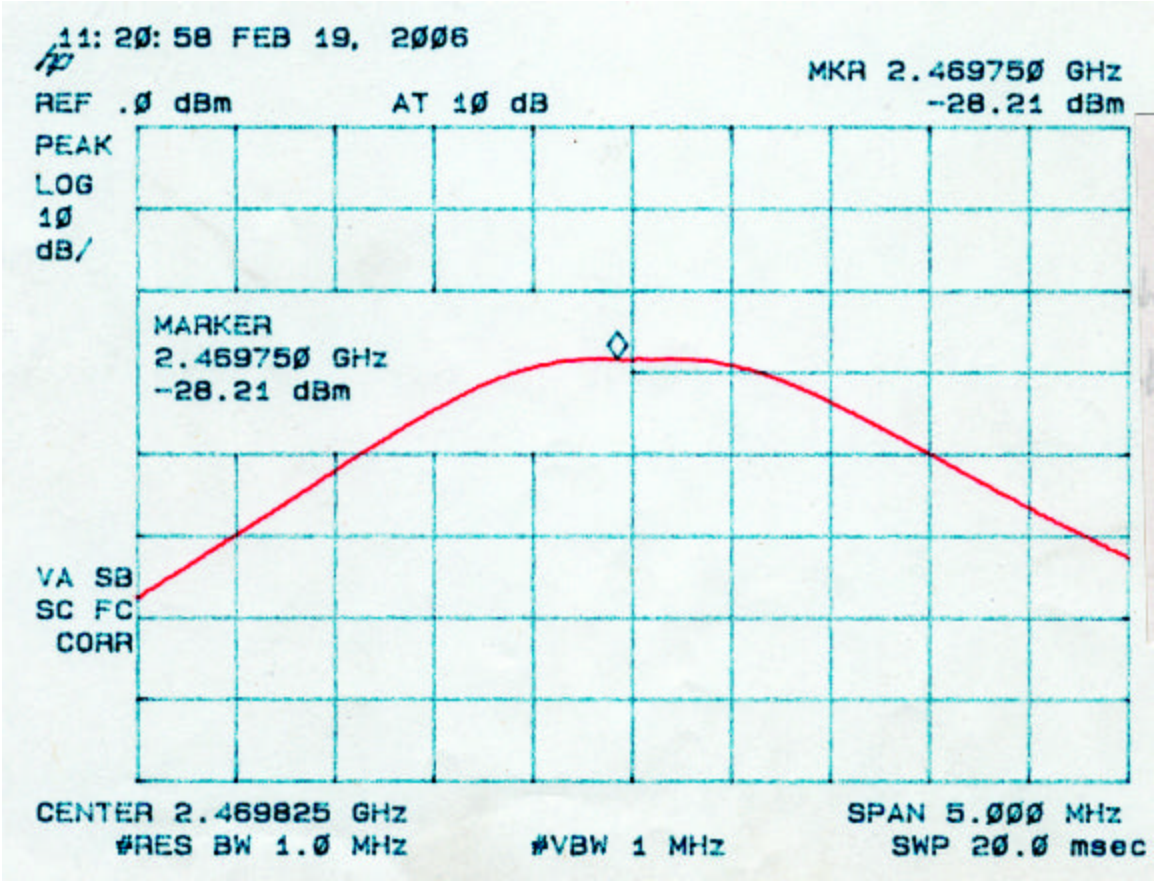


Figure 4o – 2
Peak Radiated Spurious Emission 15.247(c) High –
Gold Whip Antenna

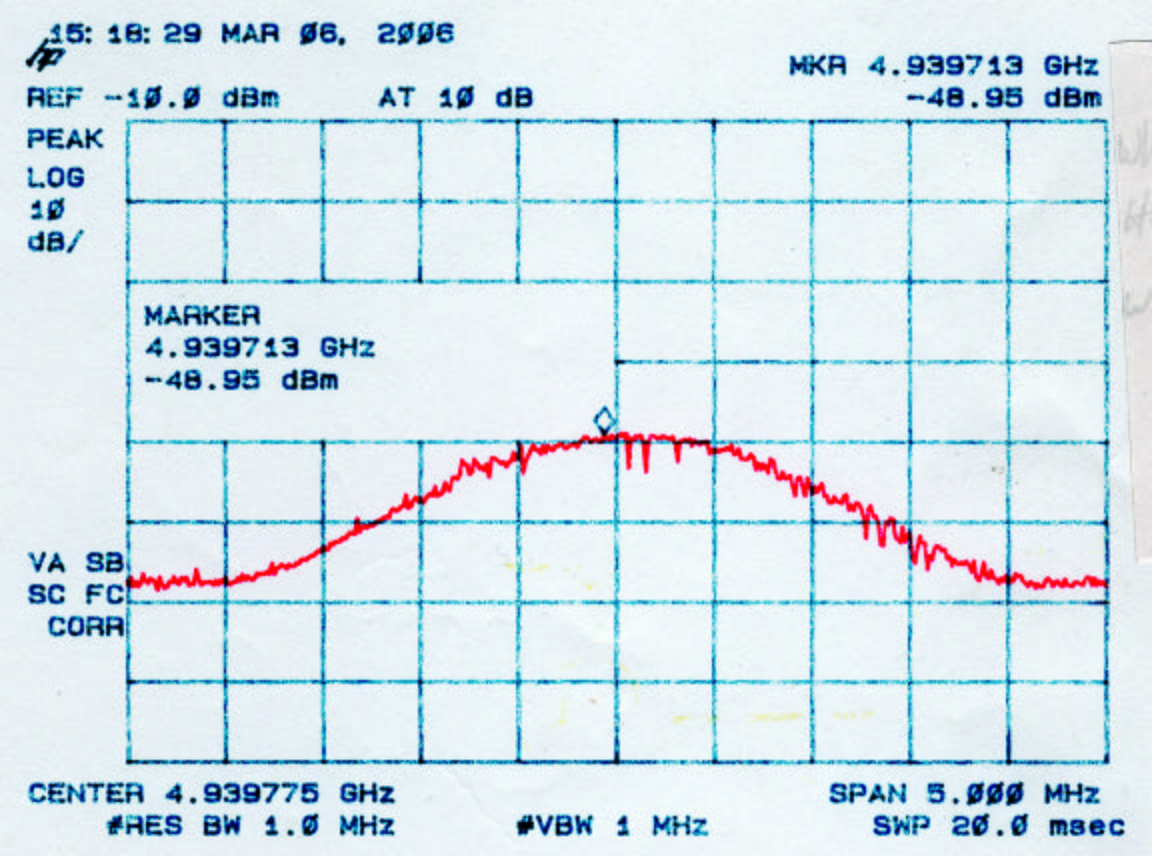


Figure 4o – 3
Peak Radiated Spurious Emission 15.247(c) High – Gold Whip Antenna