

Report Number: 06-0105

Issue Date: July 6, 2006

Customer: Nivis, LLC

Model: Nivis NRD Module Model IC-NRD2-01-01

Table 4c. PEAK RADIATED SPURIOUS EMISSIONS High Channel

Radiated Emissions									
Test By:	Test:	Spurious Harmonics High Channel			Client:		Nivis, L.L.C.		
	Project:	06-0105		Class:	Configuration:		p9-06 w/ dual band		
Frequency	Test Data	AF	Test Data	AF+CA-AMP	Results	Limits	Distance /	Margin	PK = n
(MHz)	(dBm)	Table	(dBUV)	(dB)	(uV/m)	(uV/m)	Polarity	(dB)	/ QP
927.44	-6.9	2HN3mH	100.1	25.3	1855743.8		3m./HORZ		
1854.9	-56.2	2HN3mH	50.8	-5.4	185.8	185574.4	3m./HORZ	60.0	
2782.59	-57.2	2HN3mH	49.8	-1.3	266.5	500.0	3m./HORZ	5.5	
3709.886	-60.8	2HN3mH	46.2	2.0	257.8	500.0	3m./HORZ	5.8	
4637.37	-60.5	2HN3mH	46.5	4.9	369.7	5000.0	3m./HORZ	22.6	Peak
4637.42	-64.8	2HN3mH	42.2	4.9	225.3	500.0	3m./HORZ	6.9	Average
5565.11	-69.9	2HN3mH	37.1	8.1	182.8	185574.4	3m./HORZ	60.1	
6492.522	-65.5	2HN3mH	41.5	9.1	338.1	185574.4	3m./HORZ	54.8	
7419.9	-63.5	2HN3mH	43.5	11.0	532.7	5000.0	3m./HORZ	19.4	Peak
7420.022	-67.5	2HN3mH	39.5	11.0	336.1	500.0	3m./HORZ	3.4	Average
8347.06	-69.5	2HN3mH	37.5	12.1	302.7	500.0	3m./HORZ	4.4	
9275.1	-60.8	2HN3mH	46.2	13.0	907.8	5000.0	3m./HORZ	14.8	Peak
9274.958	-69.9	2HN3mH	37.1	13.0	318.4	500.0	3m./HORZ	3.9	Average

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

** Data conversion from 1 meter to 3 meters = -9.54

SAMPLE CALCULATION:

RESULTS (uV/m @ 3m) = Antilog ((-56.2 + -5.4 + 107)/20) = 185.8

CONVERSION FROM dBm TO dBUV = 107 dB

Test Date: May 20, 21, 2006

Tested by
Signature: _____Name: Austin Thompson

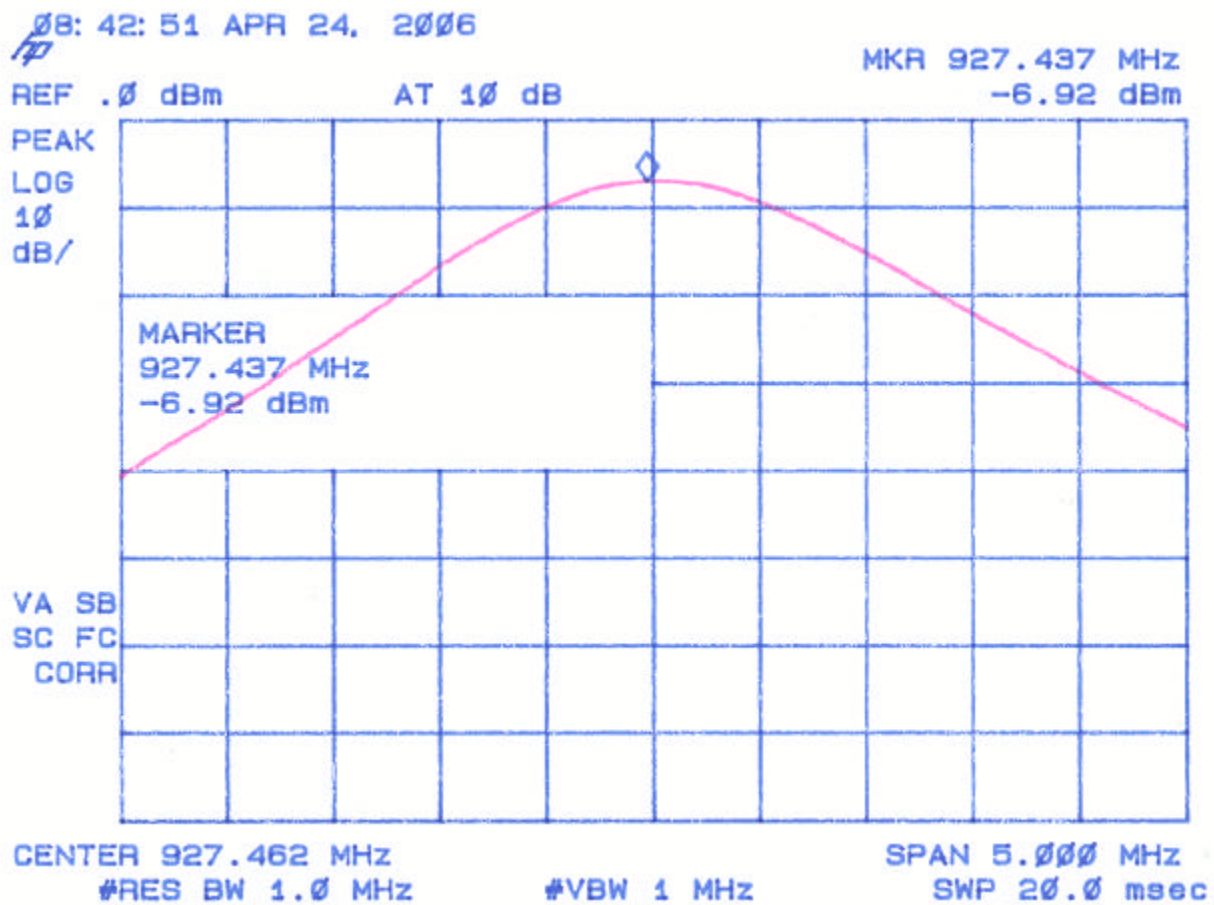
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Figure 5c-1
Peak Radiated Spurious Emission 15.247(c) High –
Fundamental



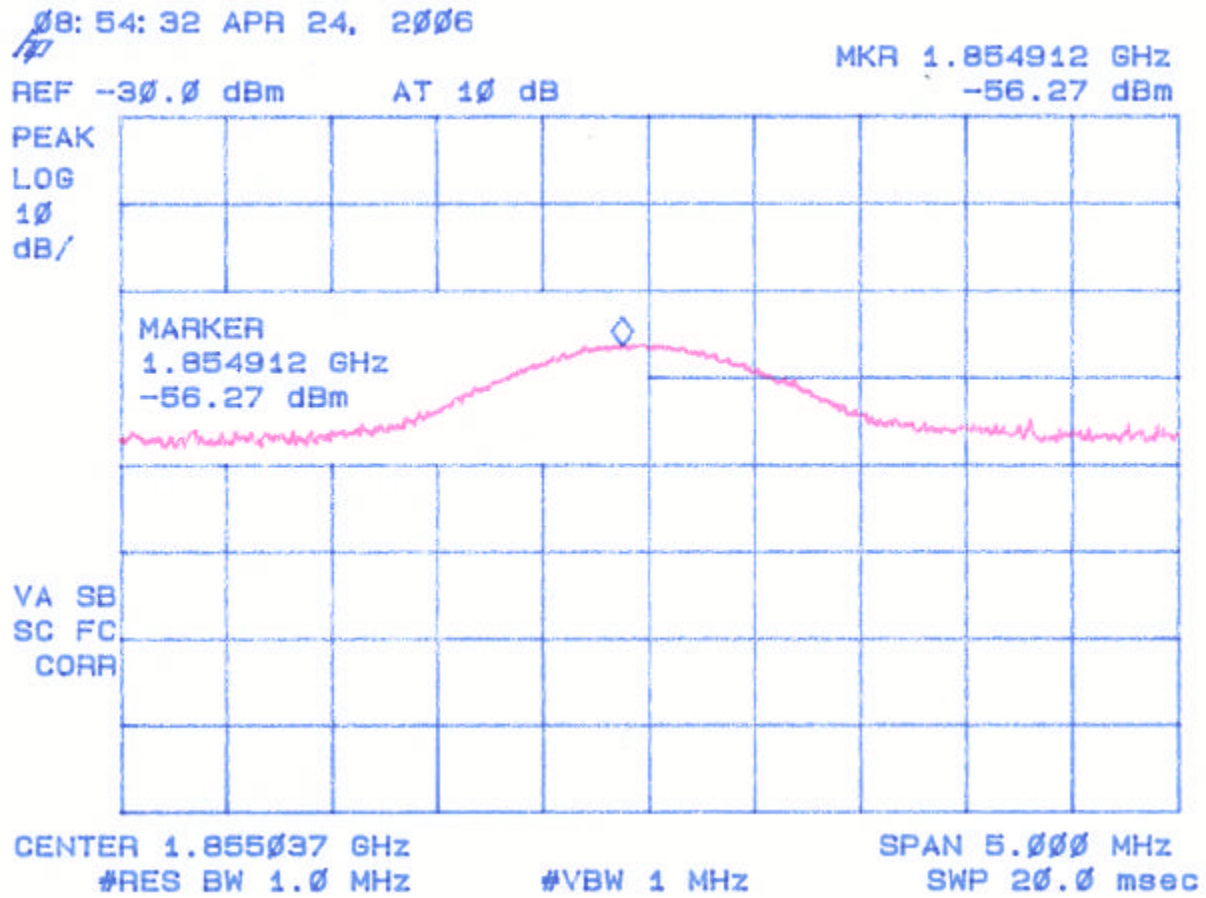
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Figure 5c-2
Peak Radiated Spurious Emission 15.247(c) High –
2nd Harmonic



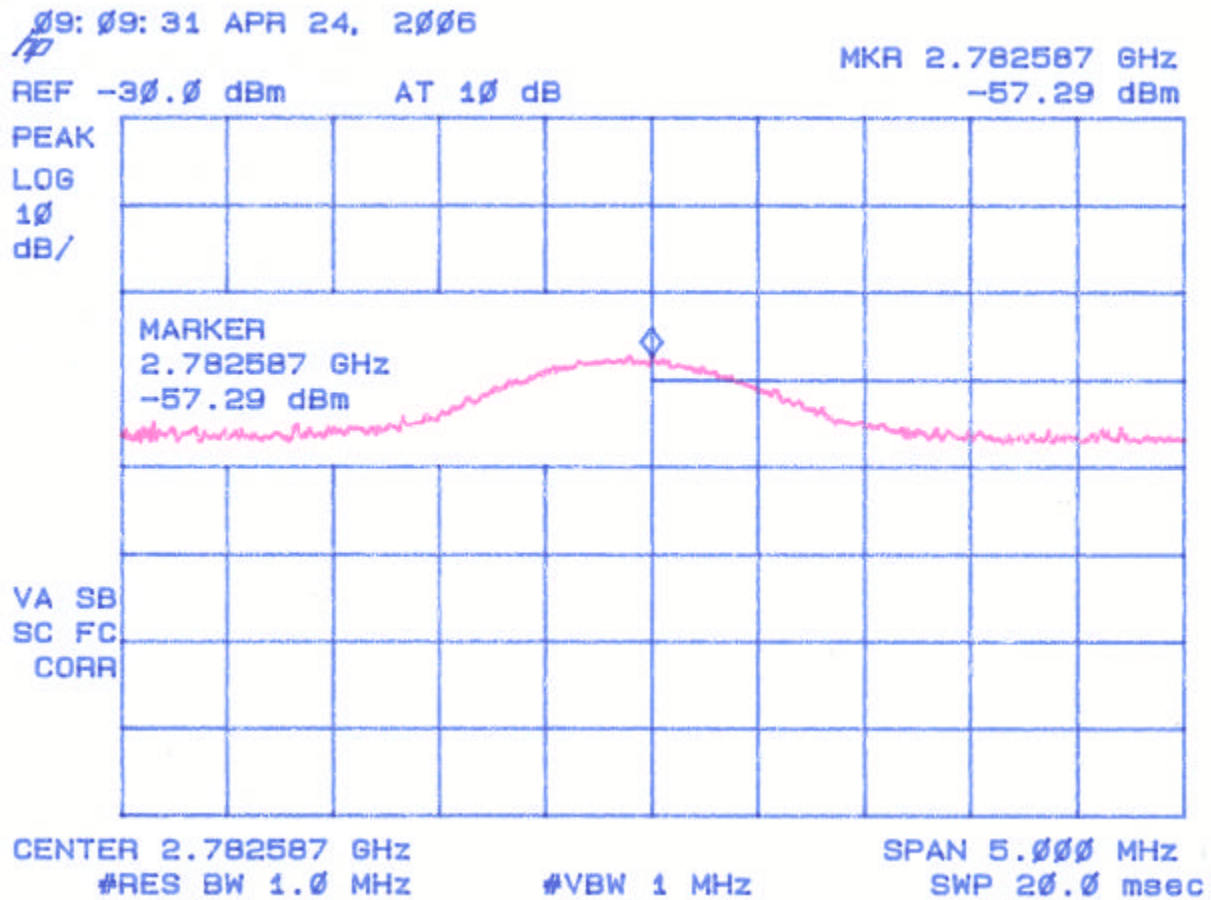
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Figure 5c-3
Peak Radiated Spurious Emission 15.247(c) High –
3rd Harmonic



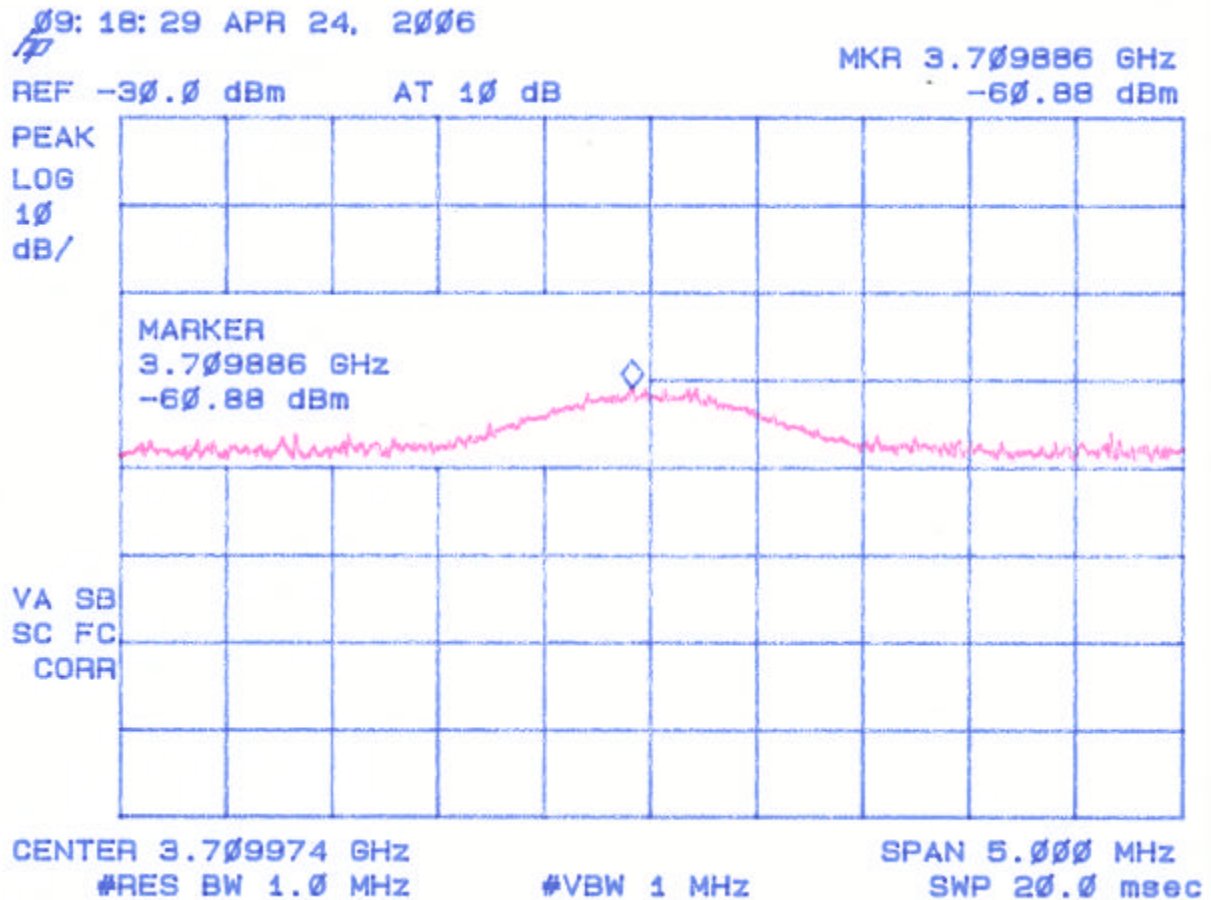
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Figure 5c-4
Peak Radiated Spurious Emission 15.247(c) High –
4th Harmonic



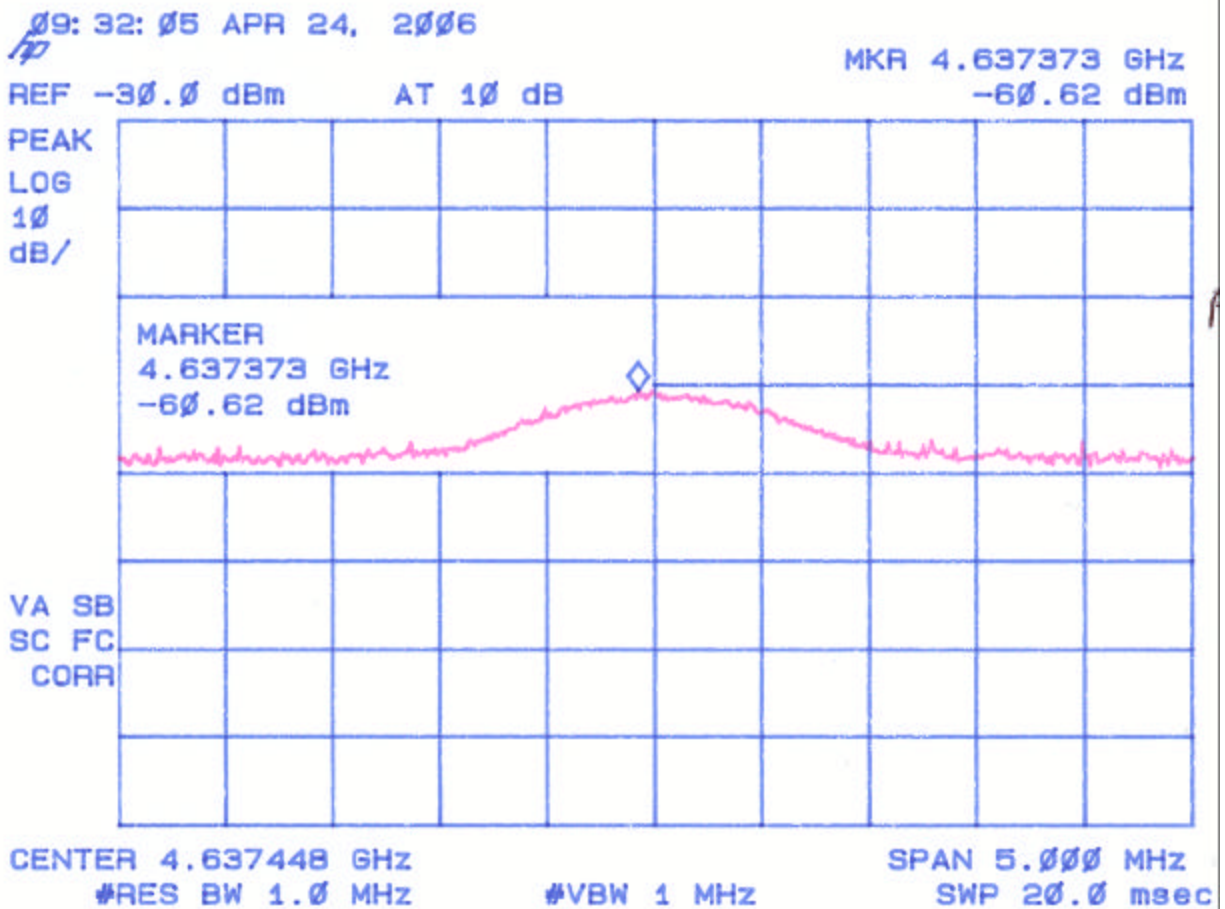
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Figure 5c-5
Peak Radiated Spurious Emission 15.247(c) High –
5th Harmonic (Peak)



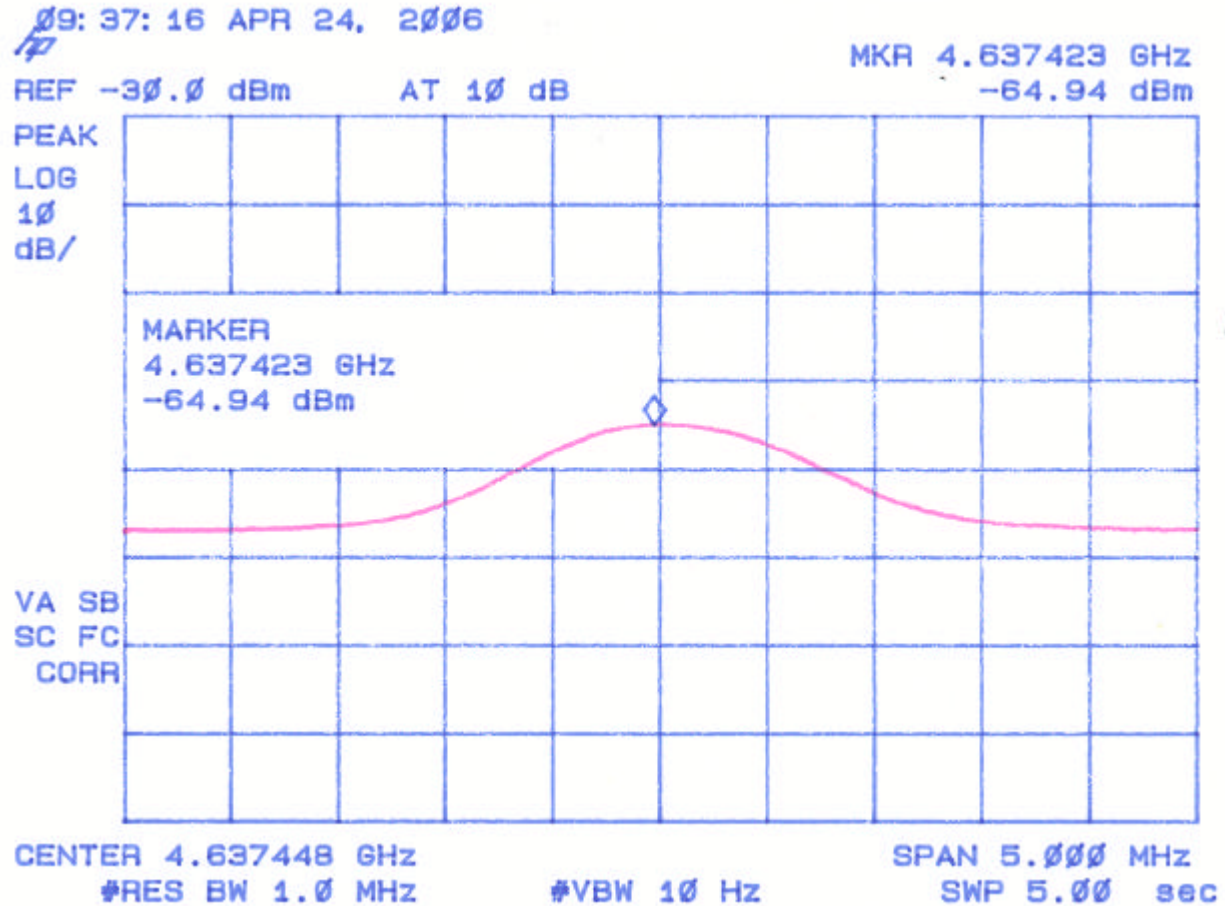
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Figure 5c-6
Peak Radiated Spurious Emission 15.247(c) High –
5th Harmonic (Average)



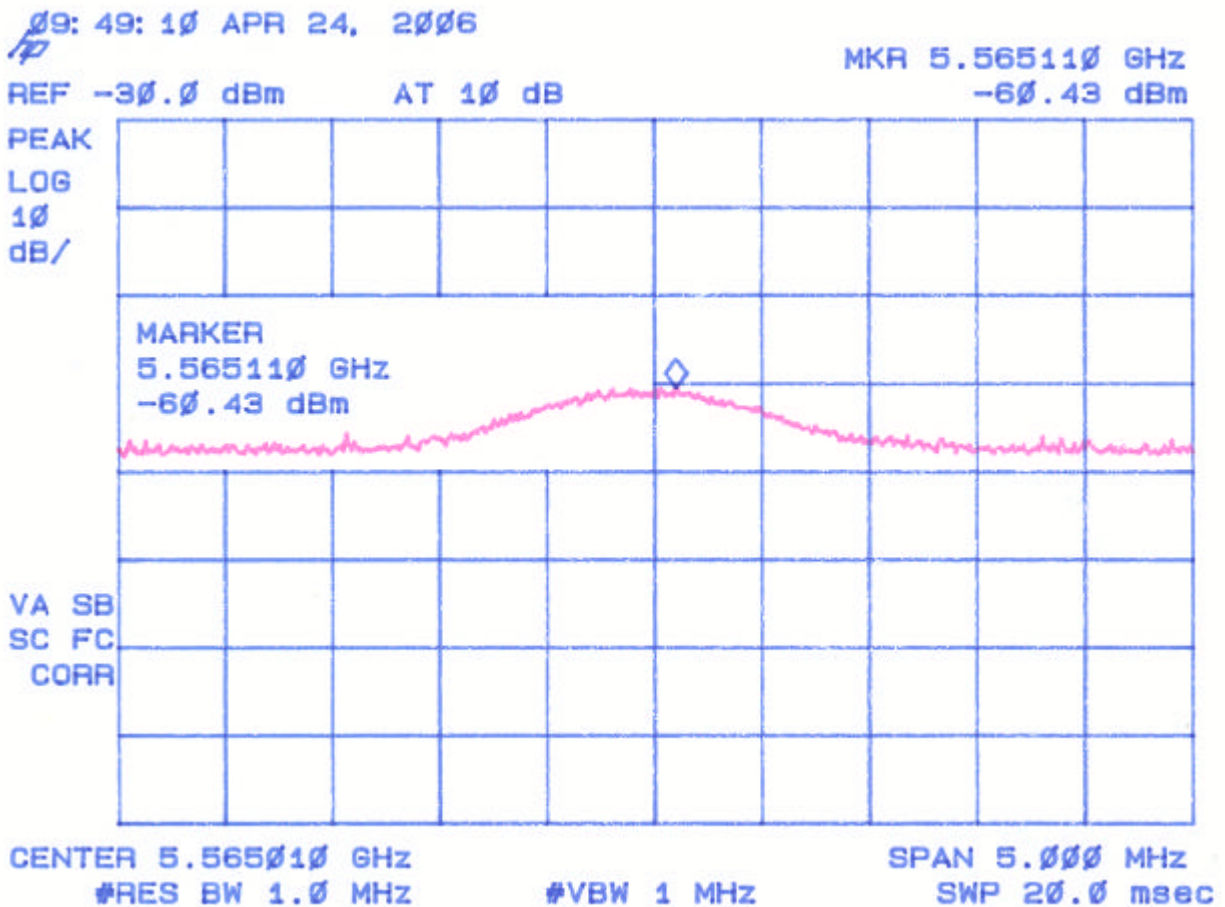
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Figure 5c-7
Peak Radiated Spurious Emission 15.247(c) High –
6th Harmonic



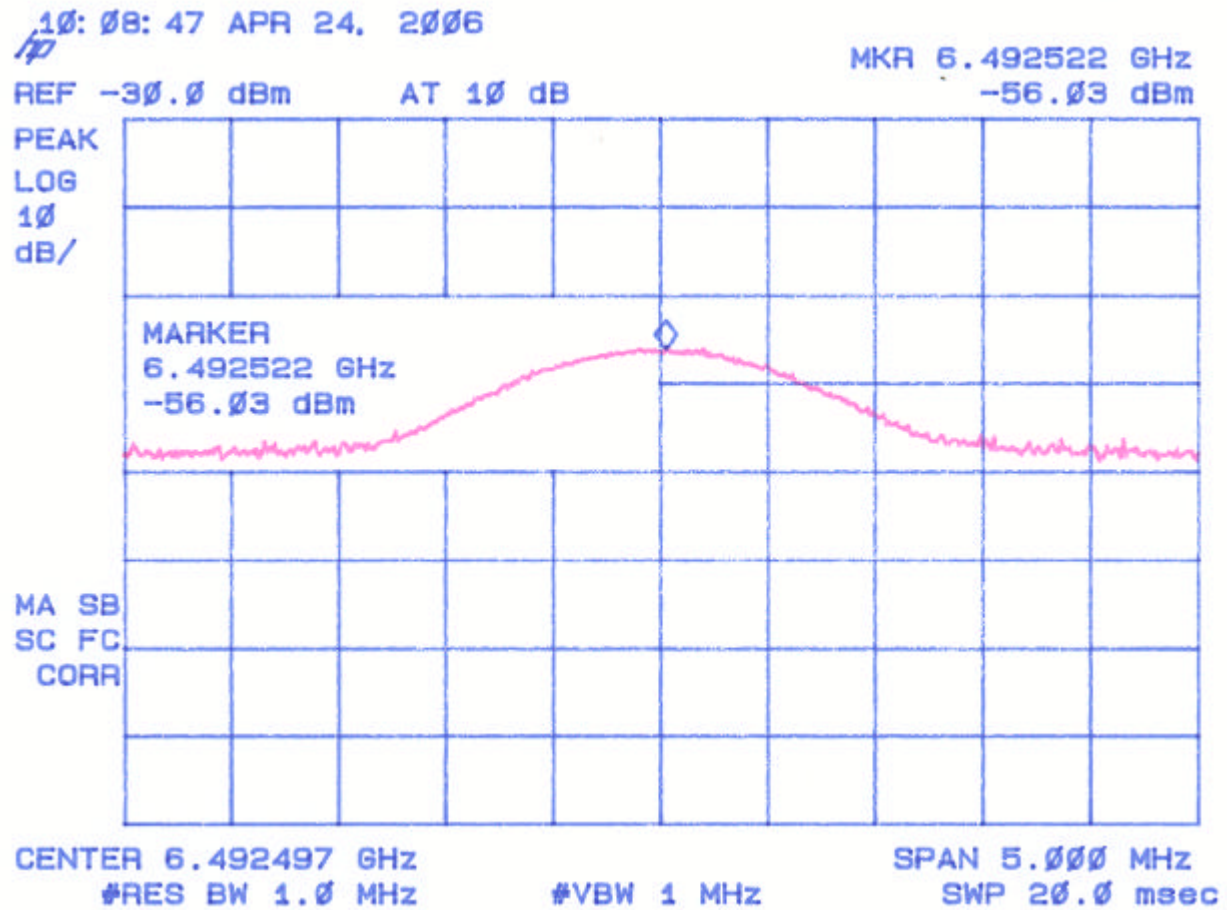
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Figure 5c-8
Peak Radiated Spurious Emission 15.247(c) High –
7th Harmonic



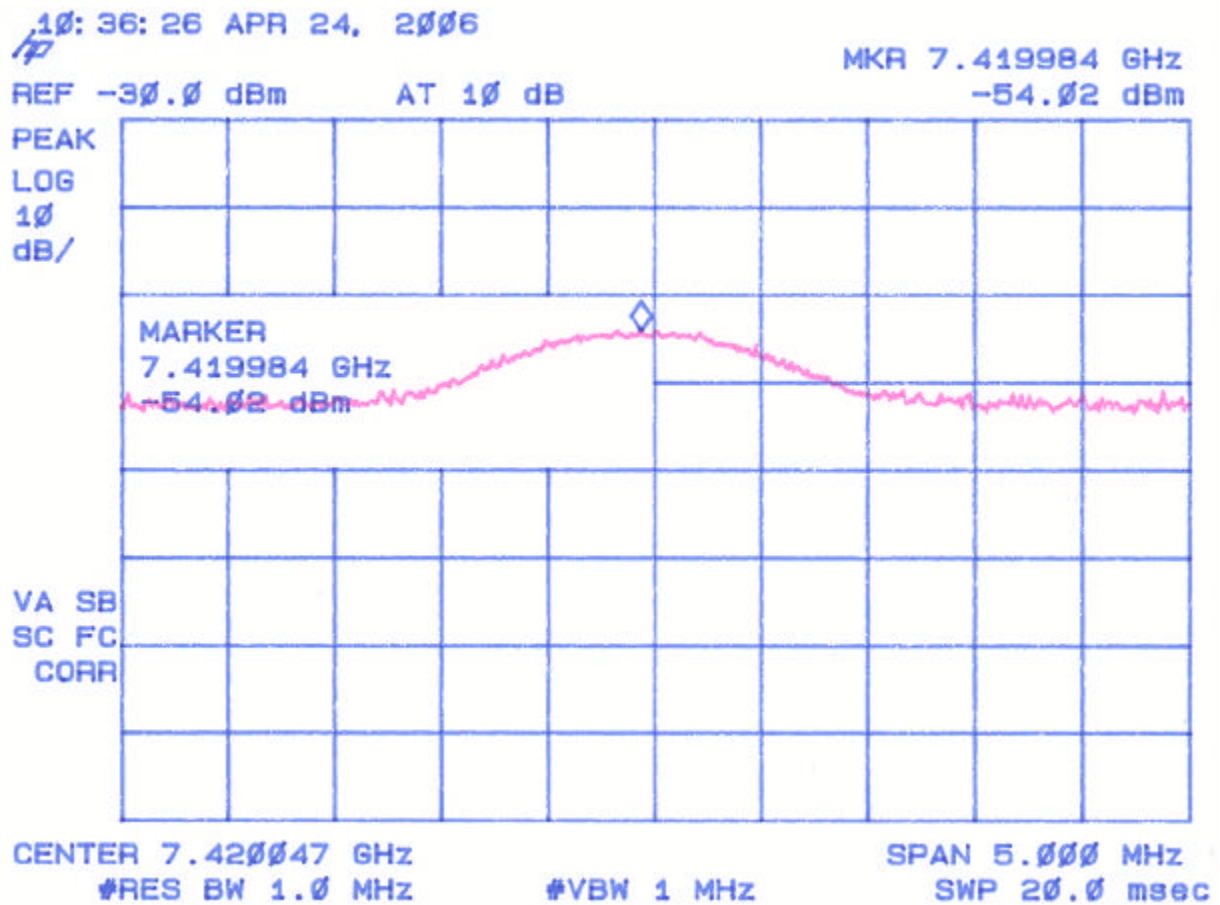
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Figure 5c-9
Peak Radiated Spurious Emission 15.247(c) High –
8th Harmonic (Peak)



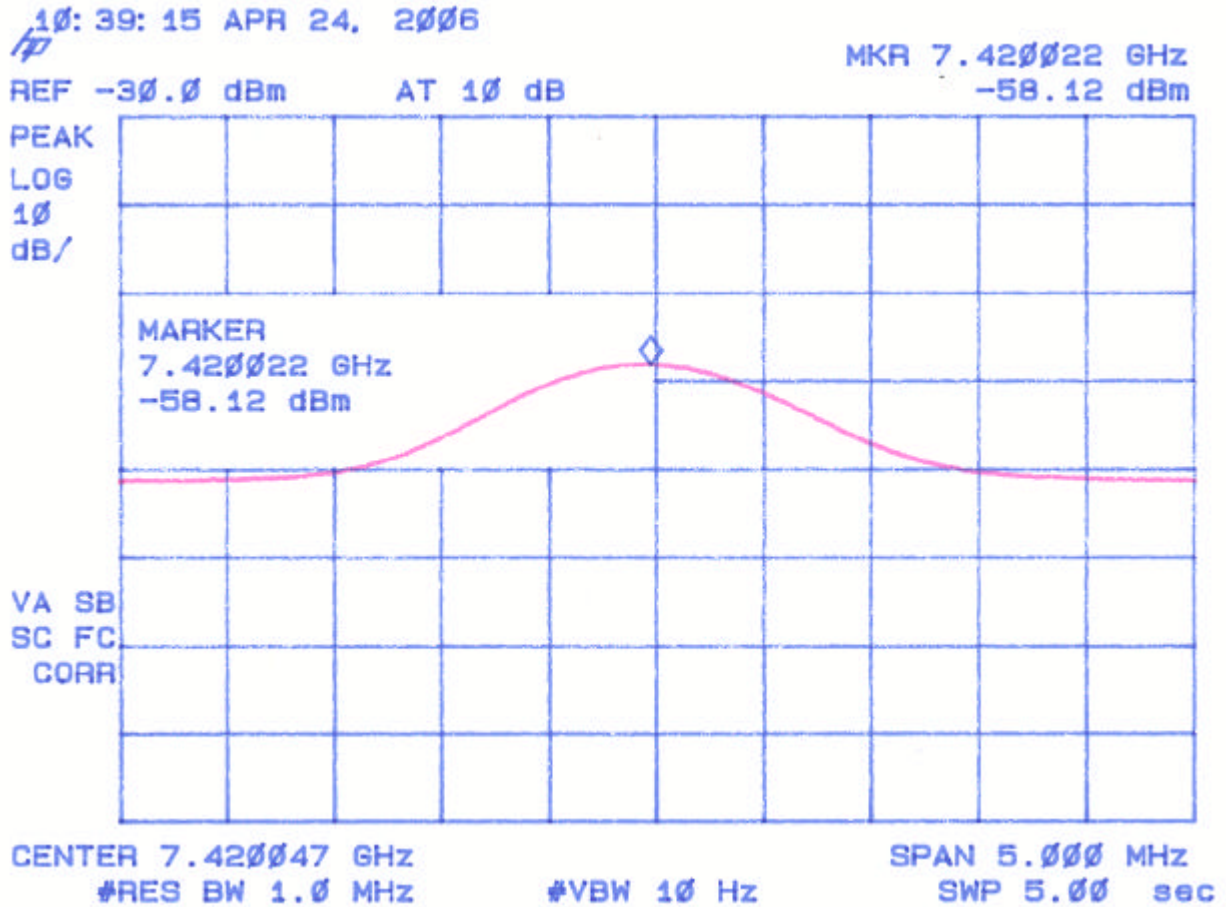
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Figure 5c-10
Peak Radiated Spurious Emission 15.247(c) High –
8th Harmonic (Average)



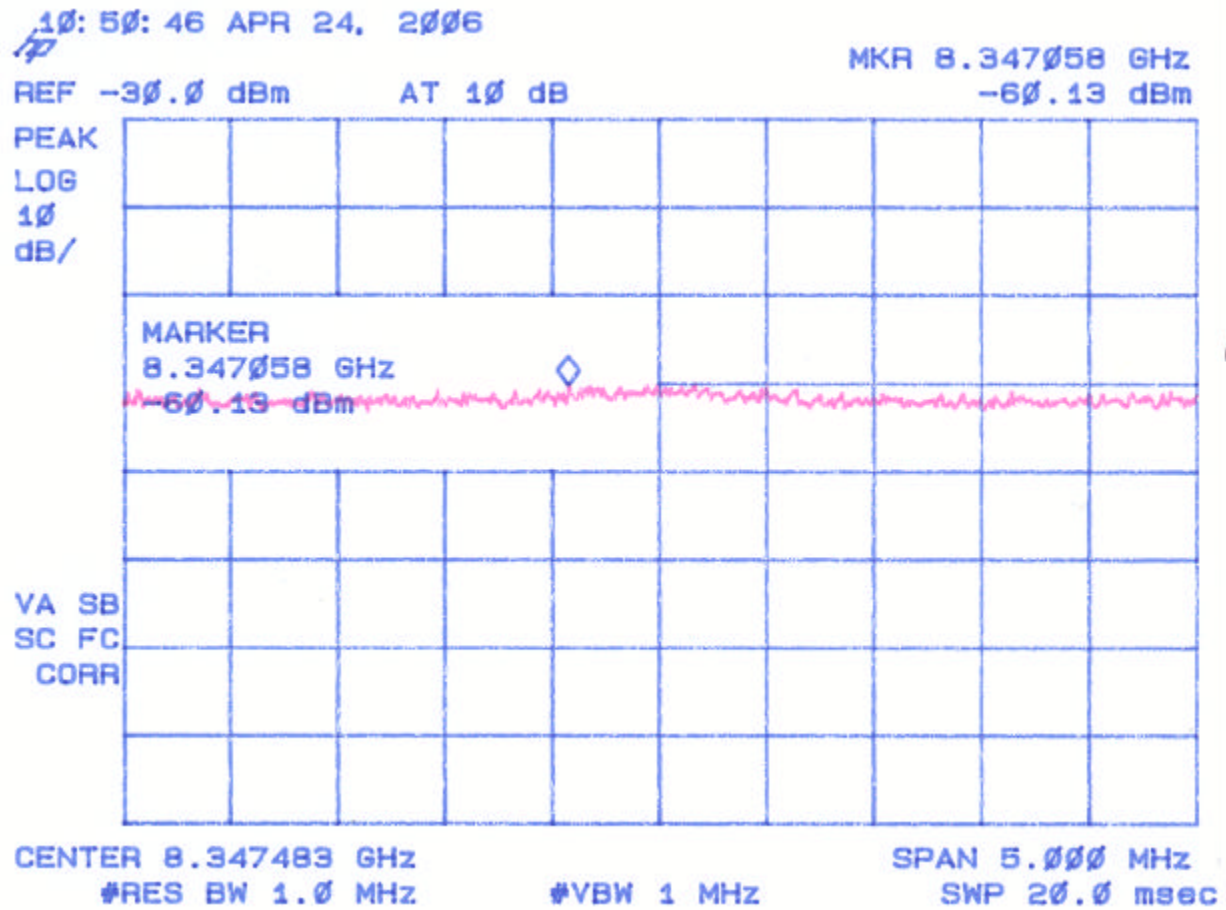
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Figure 5c-11
Peak Radiated Spurious Emission 15.247(c) High –
9th Harmonic



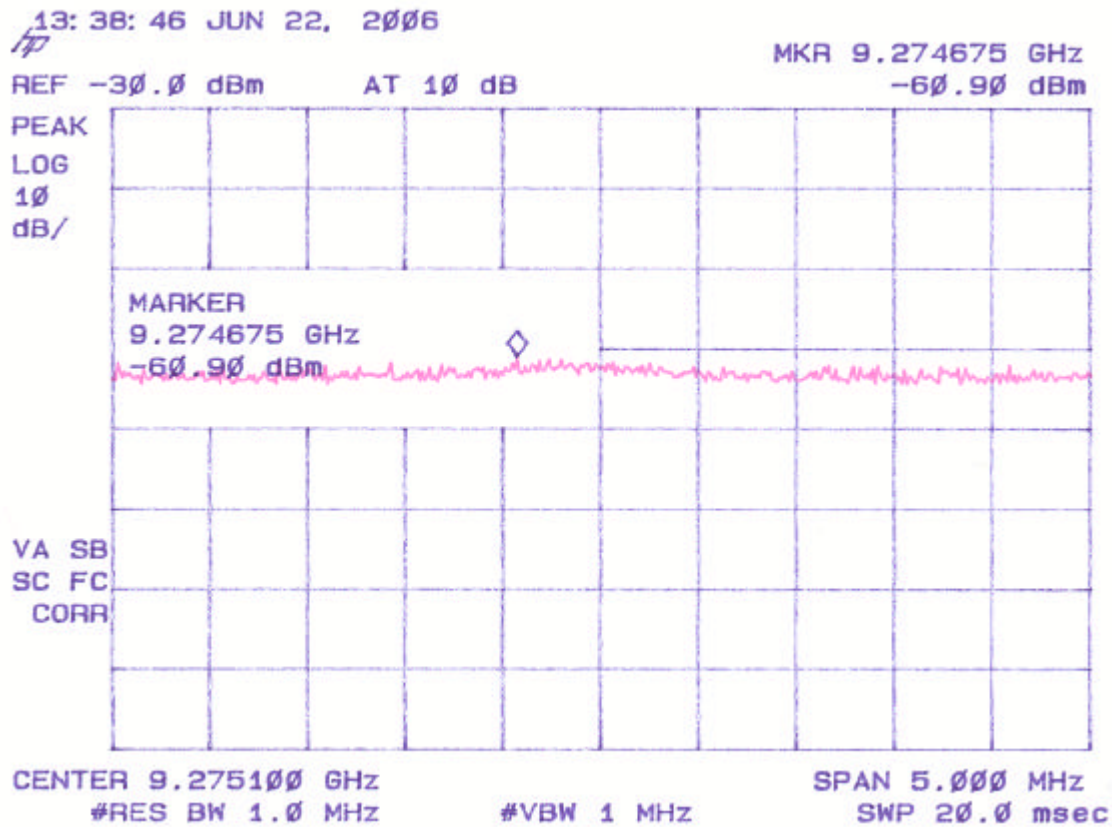
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Figure 5c-12
Peak Radiated Spurious Emission 15.247(c) High –
10th Harmonic (Peak)



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Figure 5c-13
Peak Radiated Spurious Emission 15.247(c) High –
10th Harmonic (Average)

