

INDEX OF SUBMITTED MEASURED DATA

EXHIBIT 6E (Additional data) – Occupied Bandwidth (2 Spectrum Analyzer Plots)

6E-9: Mask B; 25.0 kHz Channel Spacing, 806.0125 MHz, APCO25 Digital Voice Encryption (20K0F1E)

6E-10: Mask B; 25.0 kHz Channel Spacing, 806.0125 MHz, APCO25 Digital Voice Encryption (20K0F1E), NTIA

EXHIBIT 6F (Revised) – Conducted Spurious Emissions (28 Tables):

- 6F-1: Lo-Power Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing
- 6F-2: Lo-Power Harmonic of Carrier 775.9875 MHz, 12.5 kHz Channel Spacing
- 6F-3: Lo-Power Harmonic of Carrier 794.0125 MHz, 12.5 kHz Channel Spacing
- 6F-4: Lo-Power Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing
- 6F-5: Lo-Power Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing
- 6F-6: Lo-Power Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing
- 6F-7: Lo-Power Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing
- 6F-8: Hi-Power Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing
- 6F-9: Hi-Power Harmonic of Carrier 775.9875 MHz, 12.5 kHz Channel Spacing
- 6F-10: Hi-Power Harmonic of Carrier 794.0125 MHz, 12.5 kHz Channel Spacing
- 6F-11: Hi-Power Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing
- 6F-12: Hi-Power Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing
- 6F-13: Hi-Power Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing
- 6F-14: Hi-Power Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing
- 6F-15: Lo-Power Harmonic of Carrier 764.0125 MHz, 25 kHz Channel Spacing
- 6F-16: Lo-Power Harmonic of Carrier 775.9875 MHz, 25 kHz Channel Spacing
- 6F-17: Lo-Power Harmonic of Carrier 794.0125 MHz, 25 kHz Channel Spacing
- 6F-18: Lo-Power Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing
- 6F-19: Lo-Power Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing
- 6F-20: Lo-Power Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing
- 6F-21: Lo-Power Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing
- 6F-22: Hi-Power Harmonic of Carrier 764.0125 MHz, 25 kHz Channel Spacing
- 6F-23: Hi-Power Harmonic of Carrier 775.9875 MHz, 25 kHz Channel Spacing
- 6F-24: Hi-Power Harmonic of Carrier 794.0125 MHz, 25 kHz Channel Spacing
- 6F-25: Hi-Power Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing
- 6F-26: Hi-Power Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing
- 6F-27: Hi-Power Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing
- 6F-28: Hi-Power Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing

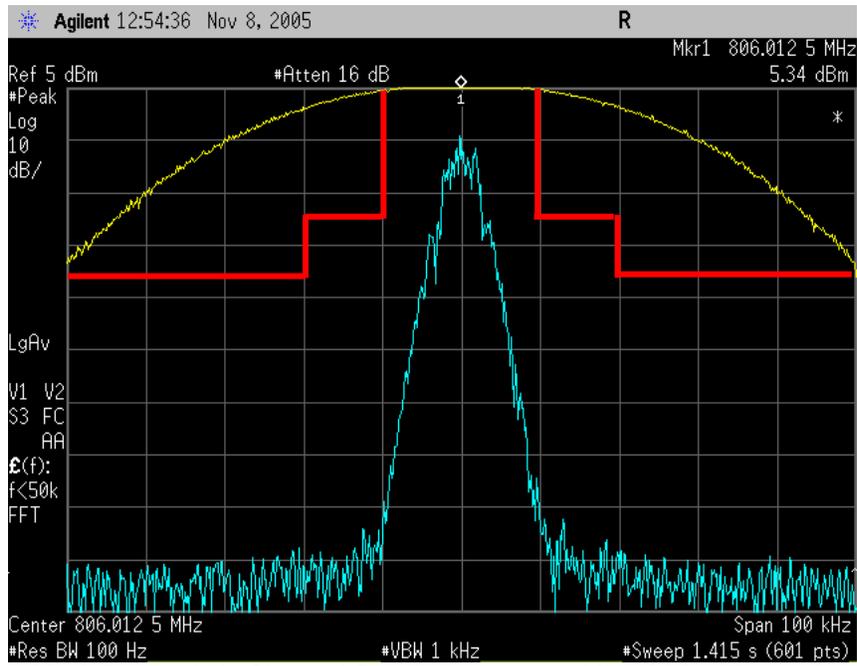
EXHIBIT 6G (Revised) – Radiated Spurious Emissions (21 Graphs):

- 6G-1: Hi-Power, 806.0125 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-2: Hi-Power, 823.9875 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-3: Hi-Power, 851.0125 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-4: Hi-Power, 806.0125 MHz, 25 kHz Channel Spacing, Clear
- 6G-5: Hi-Power, 823.9875 MHz, 25 kHz Channel Spacing, Clear
- 6G-6: Hi-Power, 851.0125 MHz, 25 kHz Channel Spacing, Clear
- 6G-7: Lo-Power, 764.0125 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-8: Lo-Power, 775.9875 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-9: Lo-Power, 794.0125 MHz, 12.5 kHz Channel Spacing, Clear
- 6G-10: Lo-Power, 764.0125 MHz, 25 kHz Channel Spacing, Clear
- 6G-11: Lo-Power, 775.9875 MHz, 25 kHz Channel Spacing, Clear
- 6G-12: Lo-Power, 794.0125 MHz, 25 kHz Channel Spacing, Clear
- 6G-13: Hi-Power, 806.0125 MHz, 25 kHz Channel Spacing, Secure
- 6G-14: Hi-Power, 823.9875 MHz, 25 kHz Channel Spacing, Secure
- 6G-15: Hi-Power, 851.0125 MHz, 25 kHz Channel Spacing, Secure
- 6G-16: Hi-Power, 868.9875 MHz, 25 kHz Channel Spacing, Secure
- 6G-17: Hi-Power, 764.0125 MHz, 25 kHz Channel Spacing, Secure
- 6G-18: Hi-Power, 775.9875 MHz, 25 kHz Channel Spacing, Secure
- 6G-19: Hi-Power, 794.0125 MHz, 25 kHz Channel Spacing, Secure

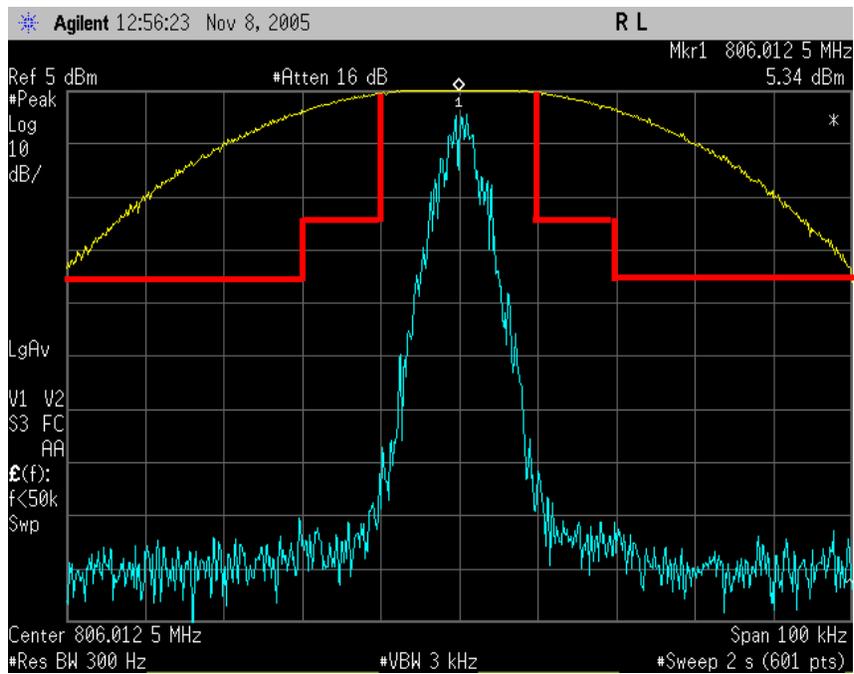
EXHIBIT 6H (Revised) – Radiated Emissions (GNSS) (6 Tables):

- 6H-1: GNSS, 794.0125 MHz, 12.5 kHz Channel Spacing, Clear
- 6H-2: GNSS, 794.0125MHz, 25 kHz Channel Spacing, Clear
- 6H-3: GNSS, 794.0125 MHz, 25 kHz Channel Spacing, Secure
- 6H-4: GNSS, 805.0000 MHz, 12.5 kHz Channel Spacing, Clear
- 6H-5: GNSS, 805.0000 MHz, 25 kHz Channel Spacing, Clear
- 6H-6: GNSS, 805.0000 MHz, 25 kHz Channel Spacing, Secure

Exhibit 6E (additional data)
Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691



Graph 6E-9: Mask B; 25.0 kHz Channel Spacing, 806.0125 MHz, Voice Encryption (20K0F1E)



Graph 6E-10: Mask B; 25.0 kHz Channel Spacing, 806.0125 MHz, Voice Encryption (20K0F1E), NTIA

Revised EXHIBIT 6F
Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

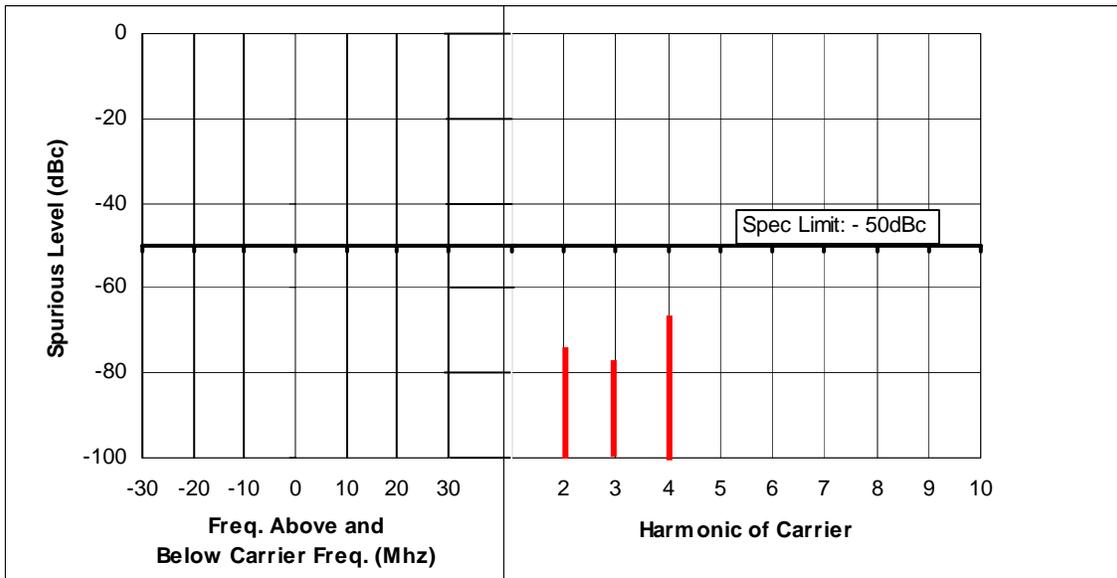


Table 6F-1: Lo-Power Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing

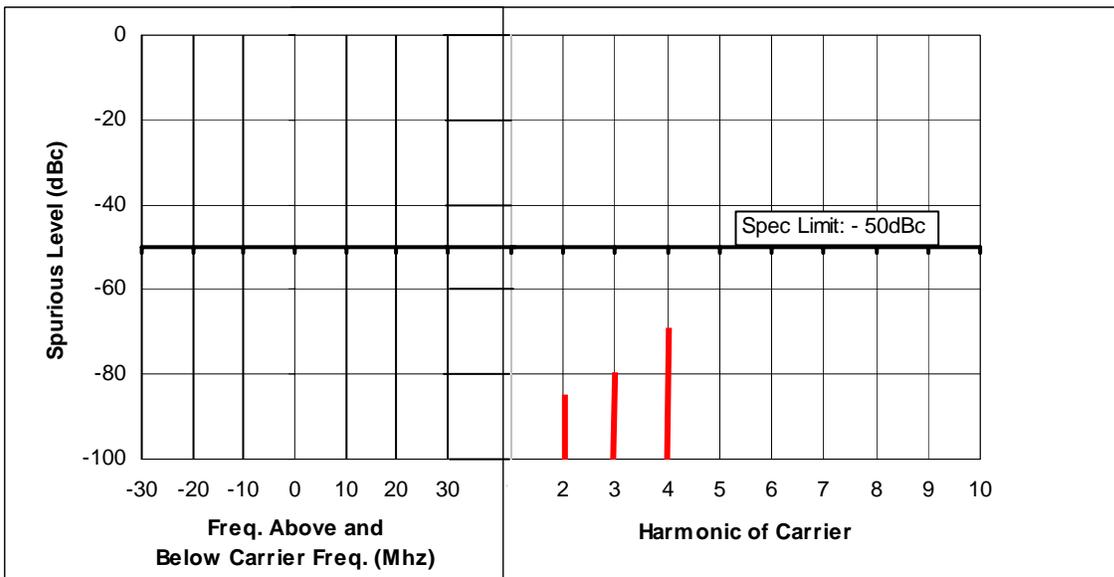


Table 6F-2: Lo-Power Harmonic of Carrier 775.9875 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

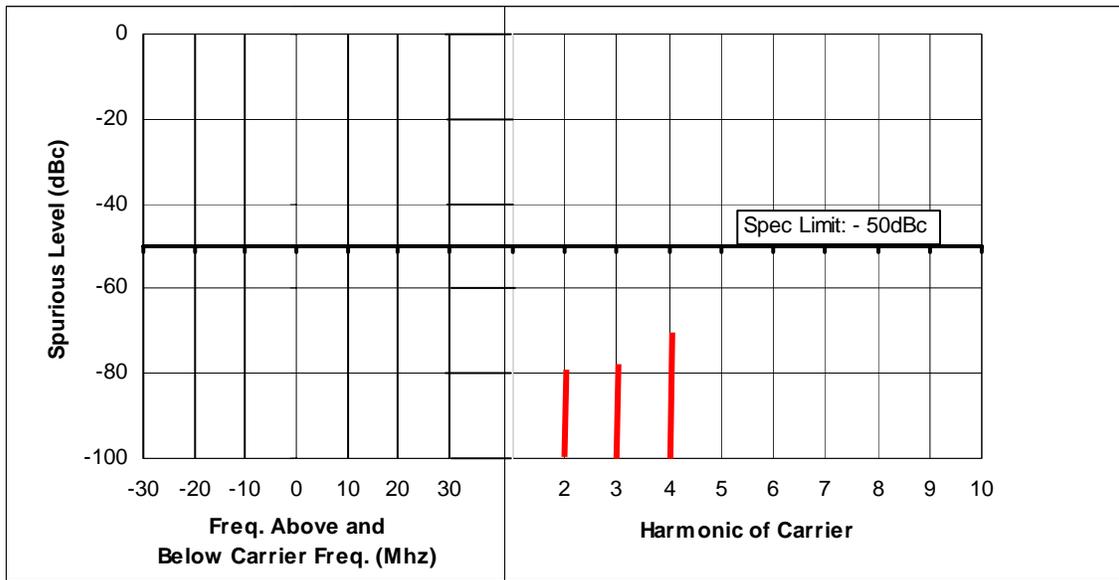


Table 6F-3: Lo-Power Harmonic of Carrier 794.0125 MHz, 12.5 kHz Channel Spacing

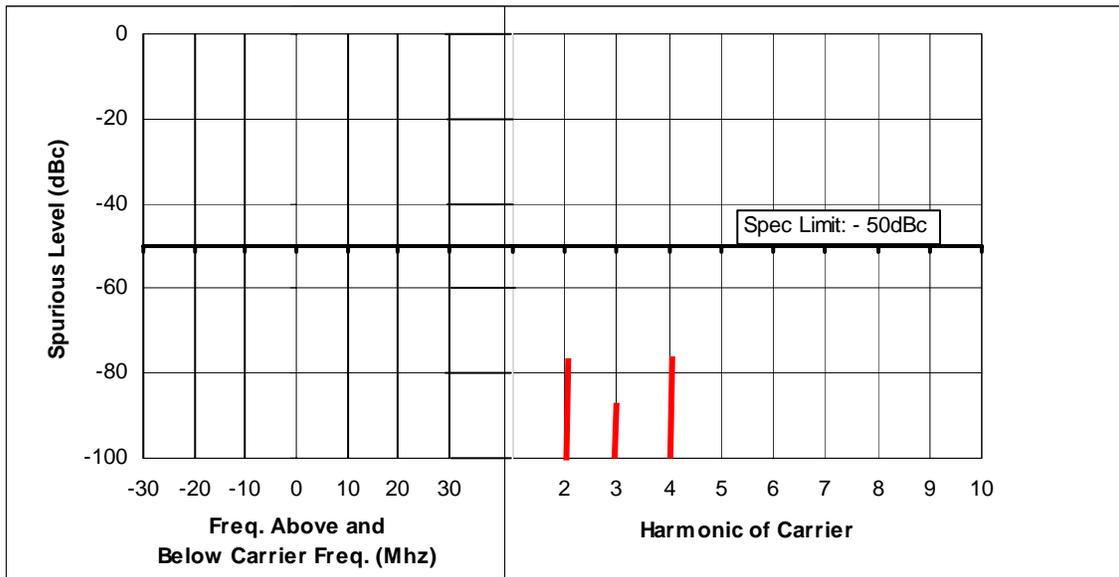


Table 6F-4: Lo-Power Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

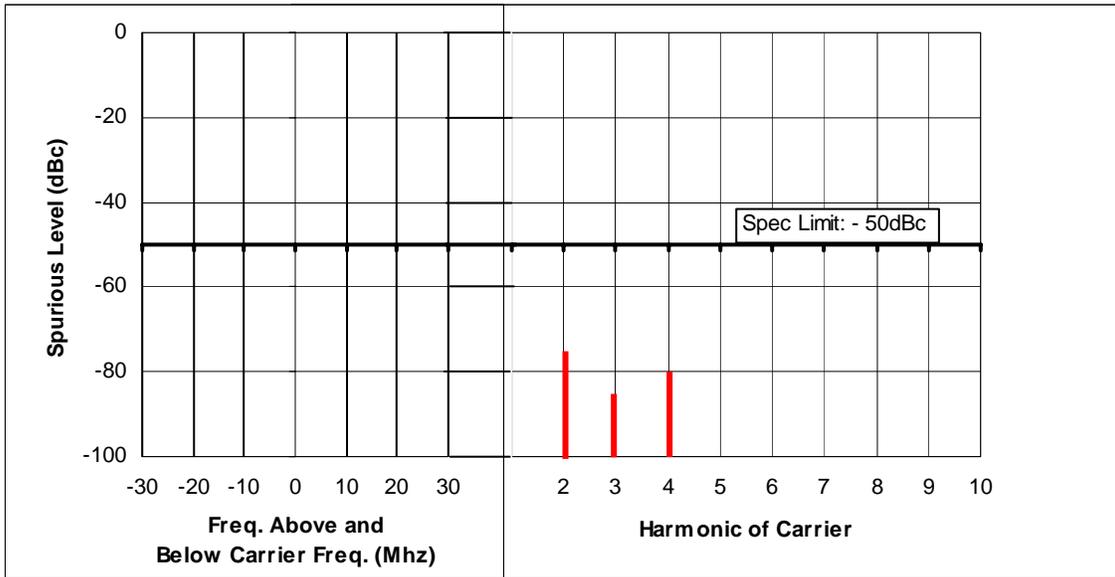


Table 6F-5: Lo-Power Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing

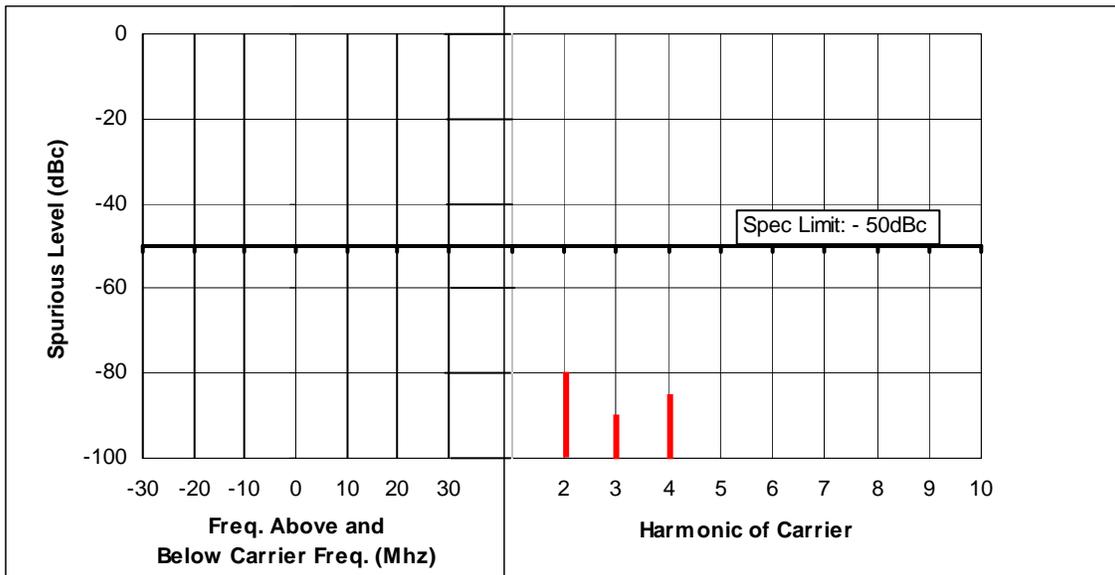


Table 6F-6: Lo-Power Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

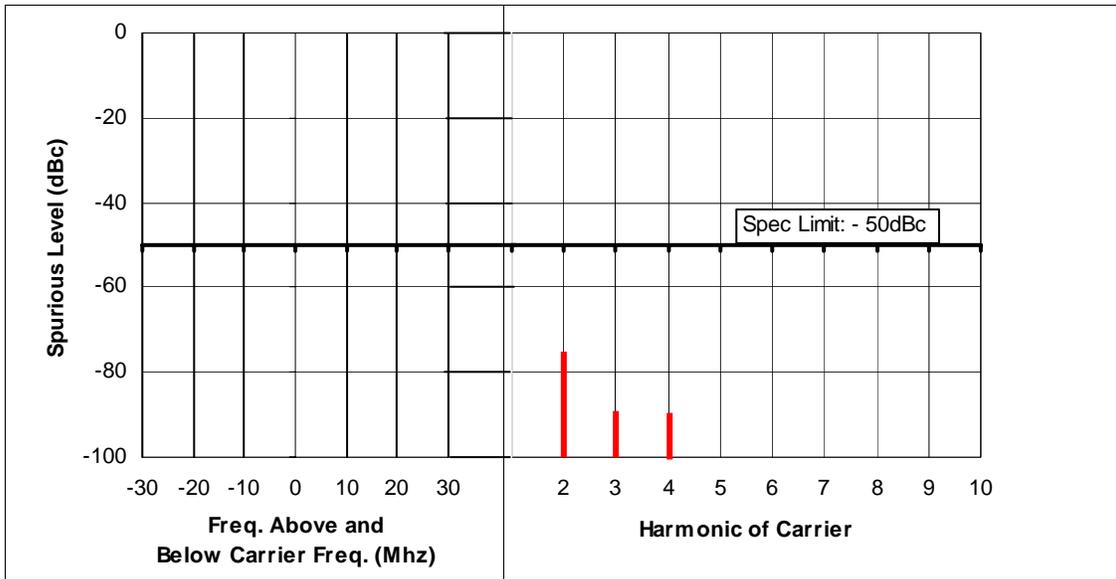


Table 6F-7: Lo-Power Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing

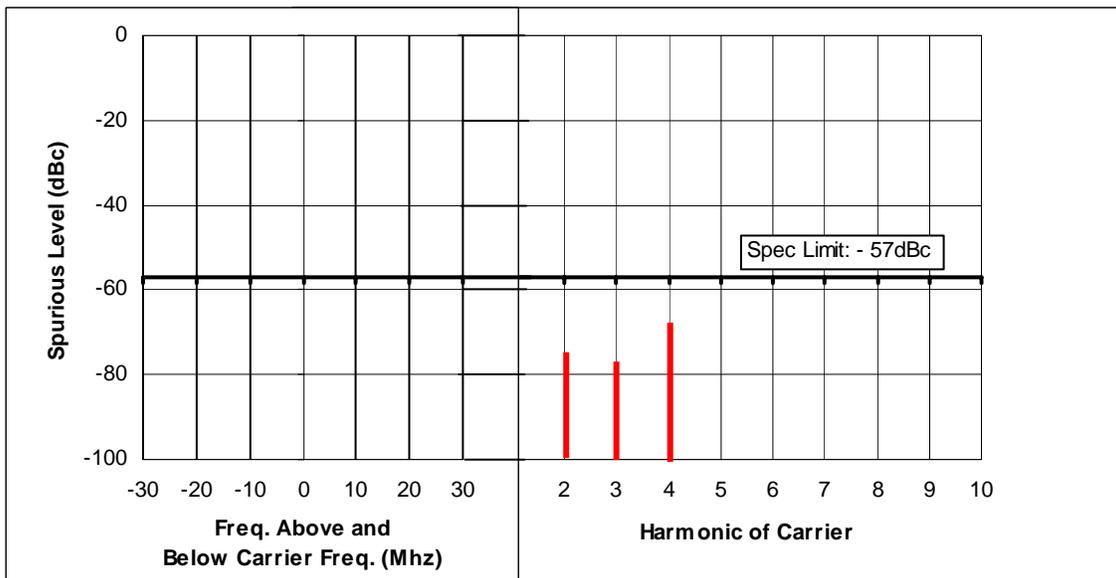


Table 6F-8: Hi-Power Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

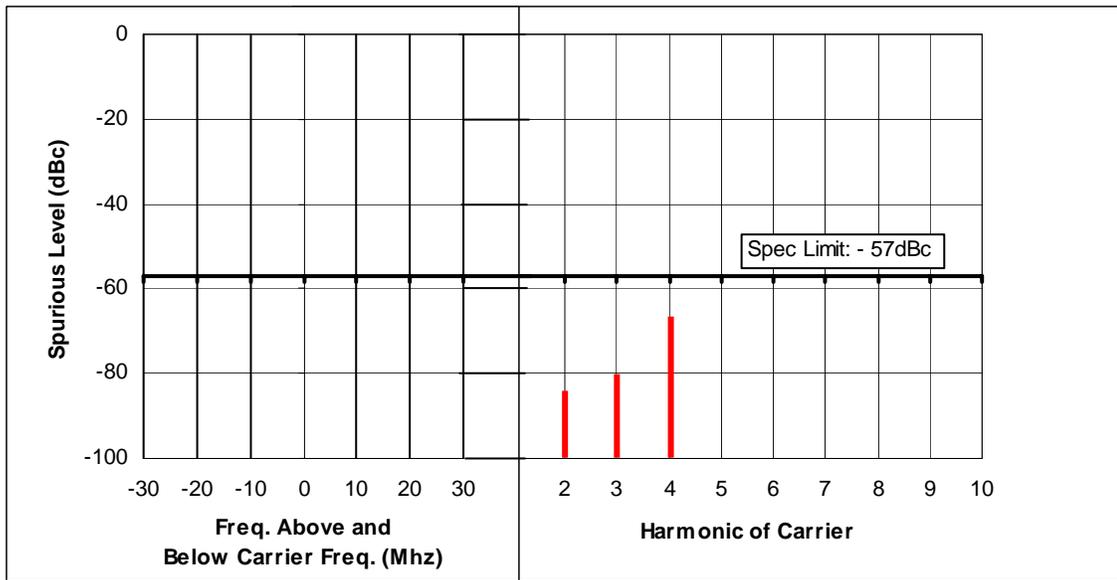


Table 6F-9: Hi-Power Harmonic of Carrier 775.9875 MHz, 12.5 kHz Channel Spacing

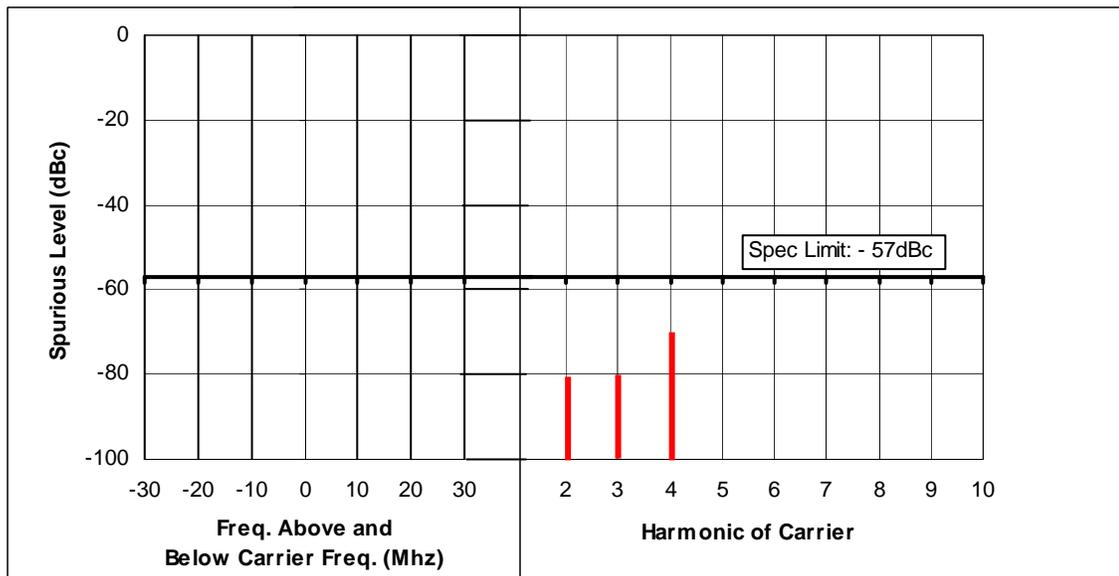


Table 6F-10: Hi-Power Harmonic of Carrier 794.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

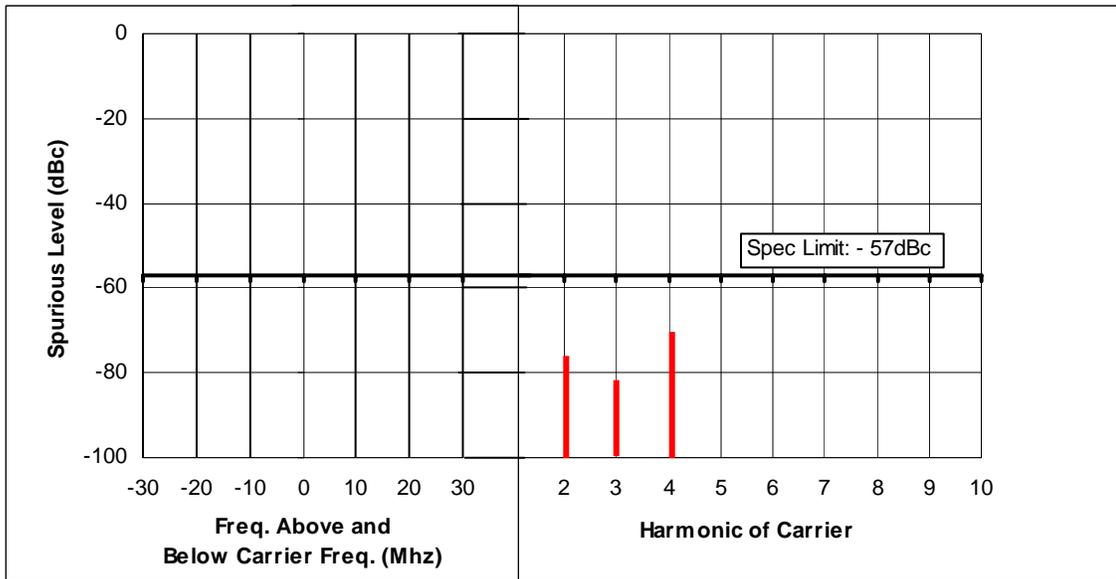


Table 6F-11: Hi-Power Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing

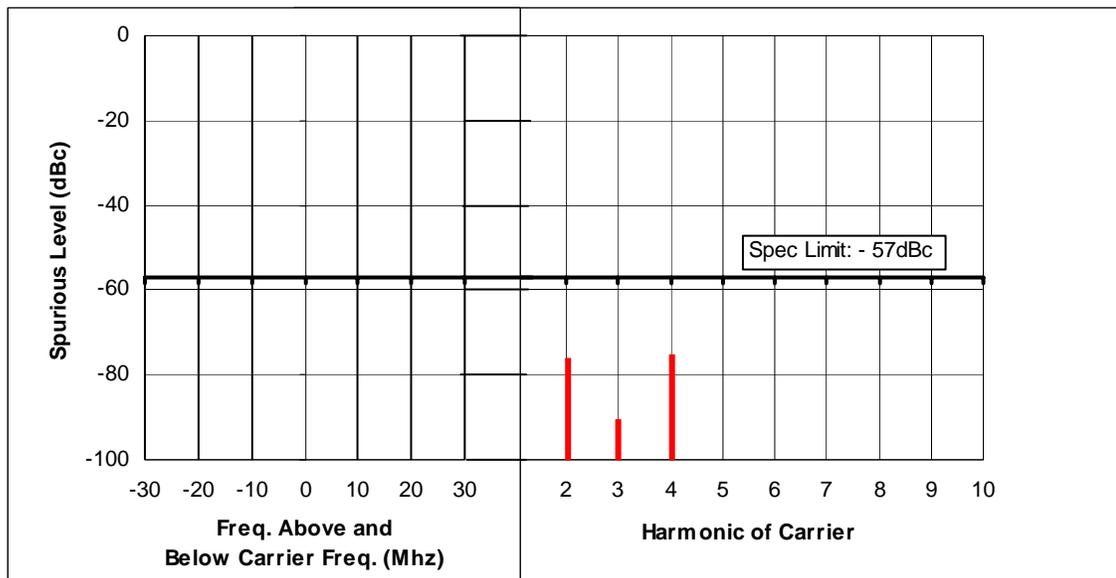


Table 6F-12: Hi-Power Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

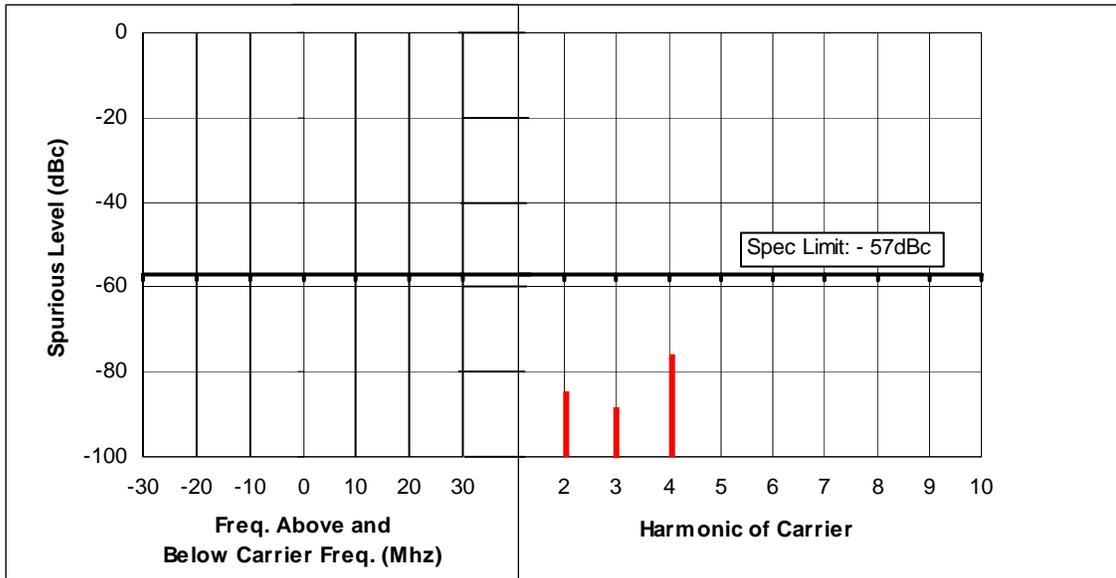


Table 6F-13: Hi-Power Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing

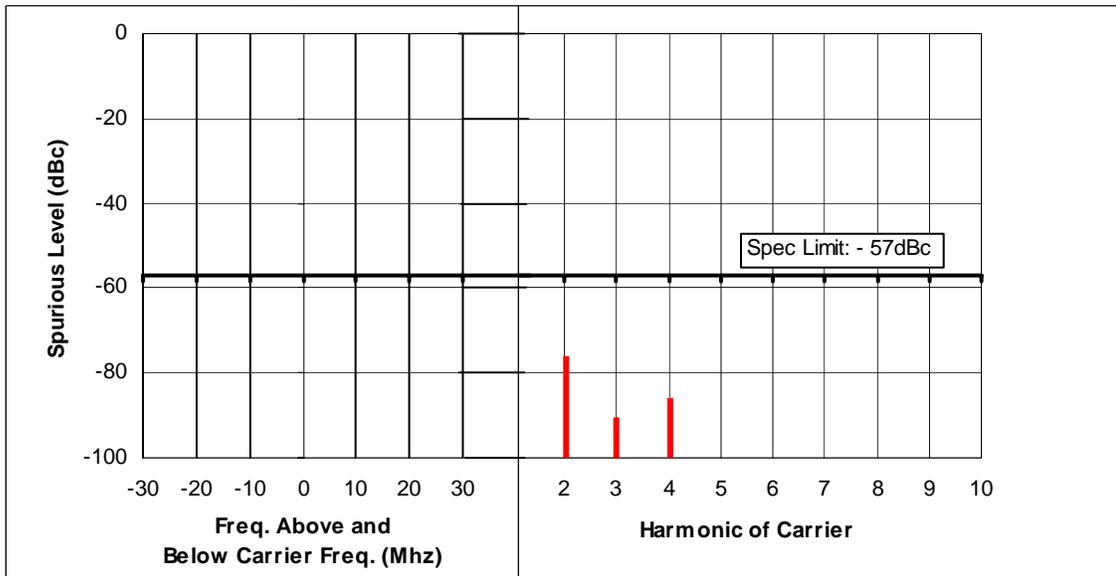


Table 6F-14: Hi-Power Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

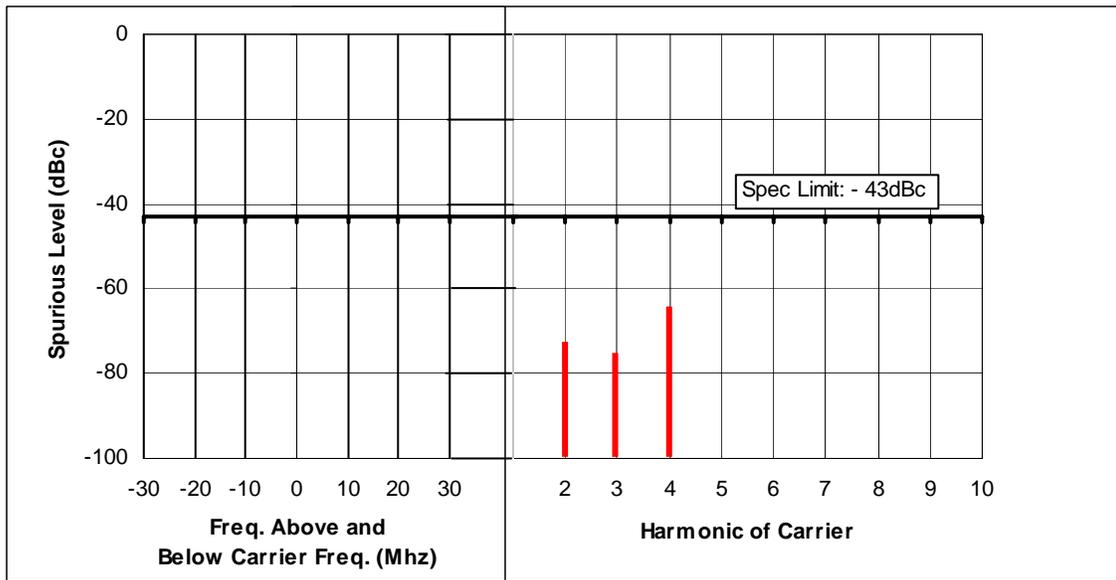


Table 6F-15: Lo-Power Harmonic of Carrier 764.0125 MHz, 25 kHz Channel Spacing

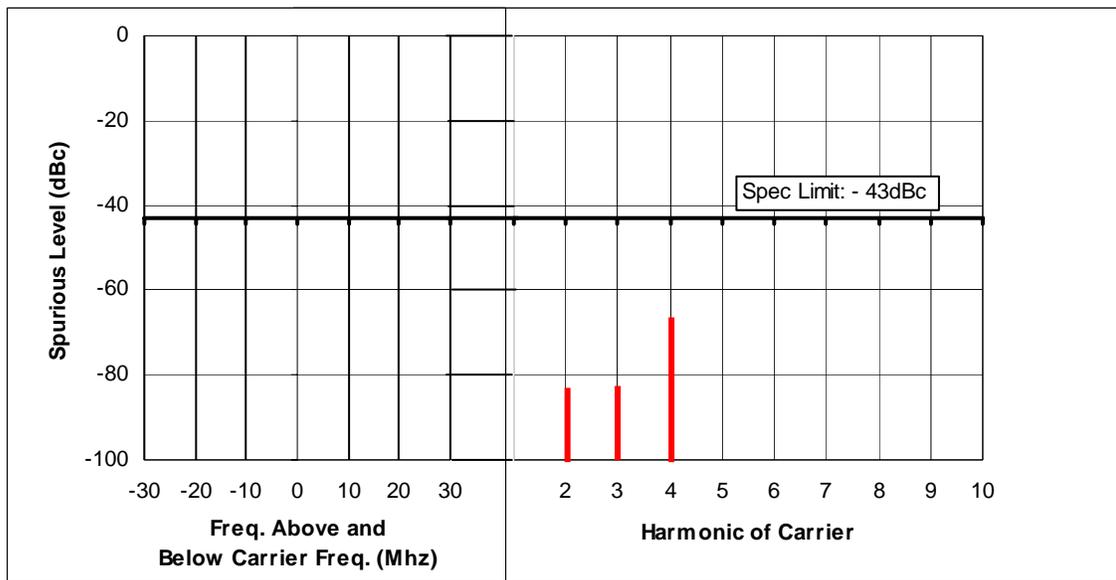


Table 6F-16: Lo-Power Harmonic of Carrier 775.9875 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

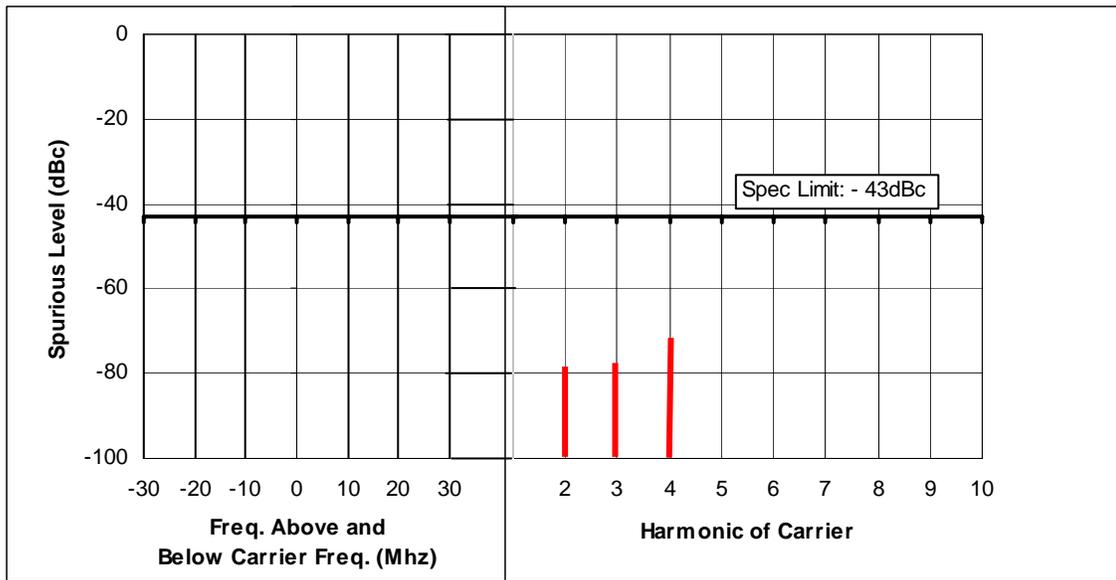


Table 6F-17: Lo-Power Harmonic of Carrier 794.0125 MHz, 25 kHz Channel Spacing

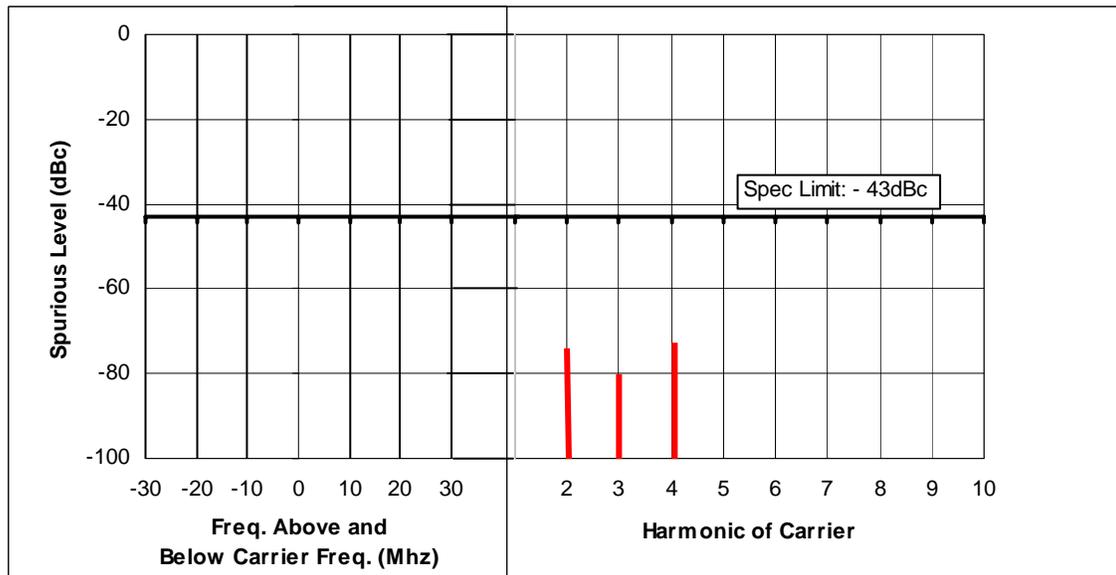


Table 6F-18: Lo-Power Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

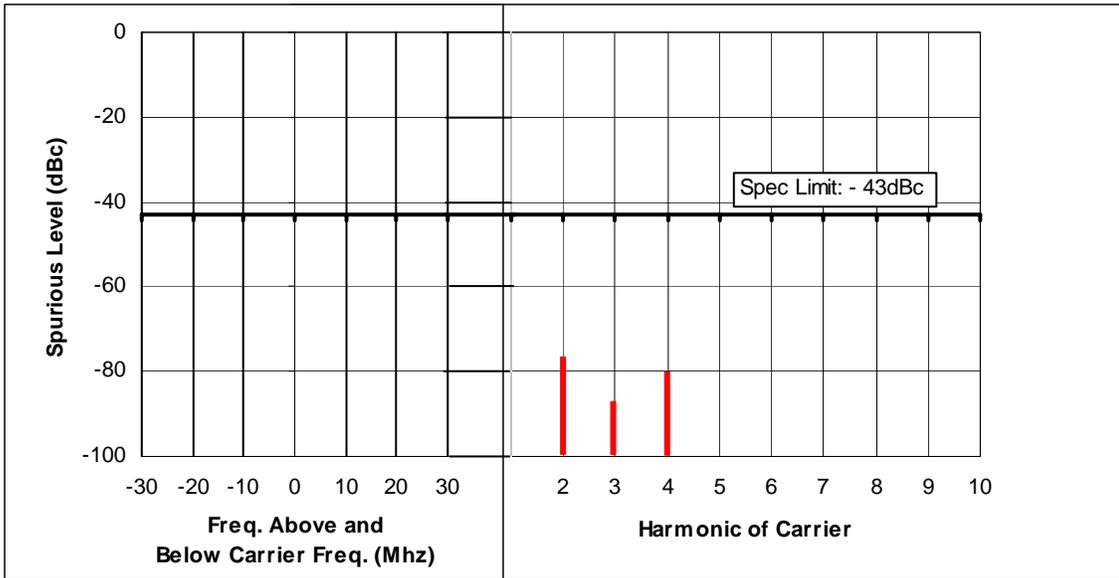


Table 6F-19: Lo-Power Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing

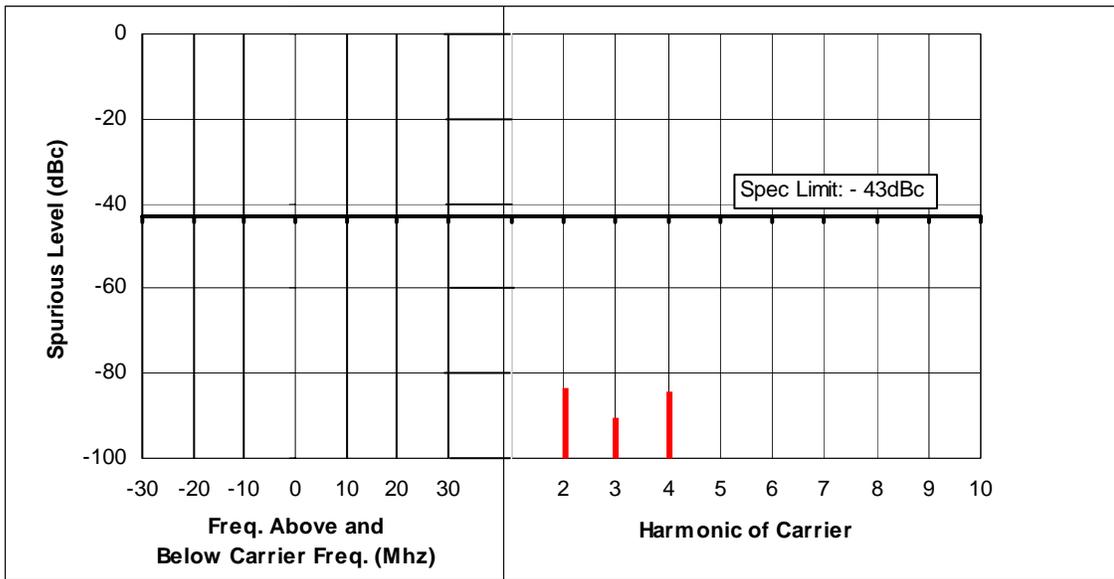


Table 6F-20: Lo-Power Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

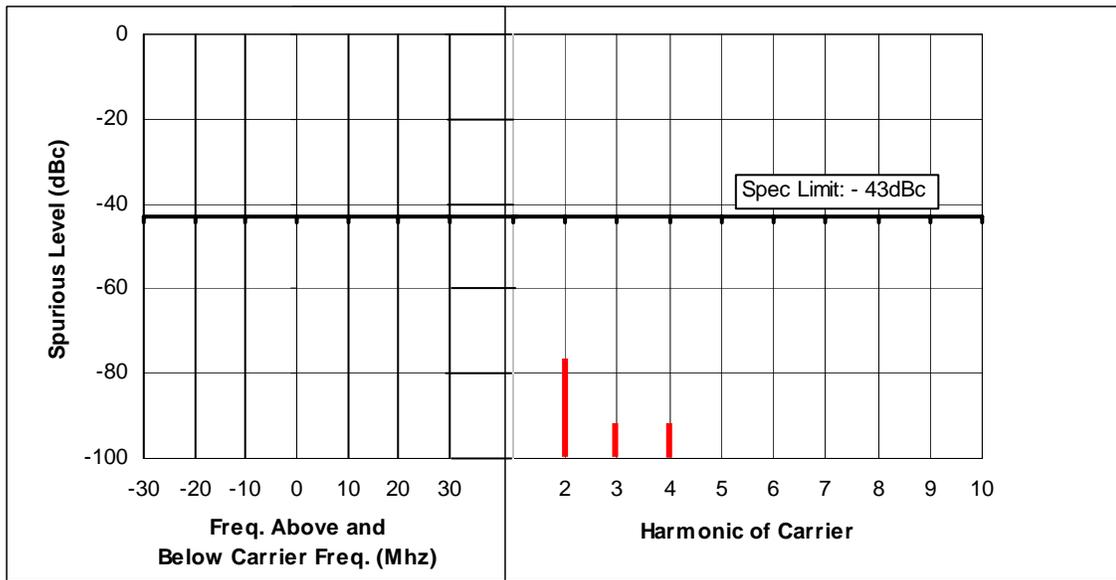


Table 6F-21: Lo-Power Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing

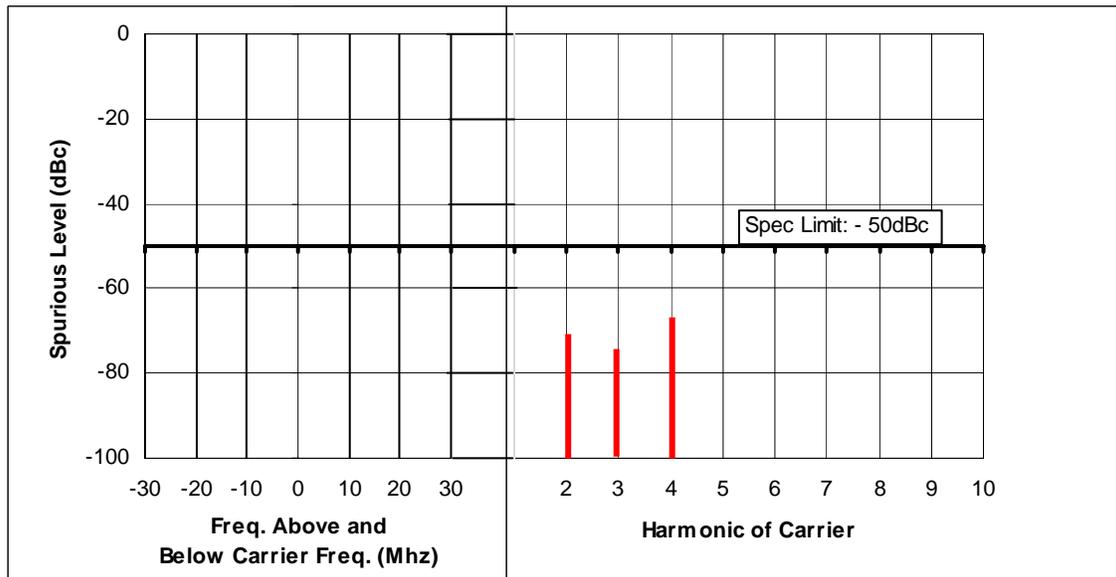


Table 6F-22: Hi-Power Harmonic of Carrier 764.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

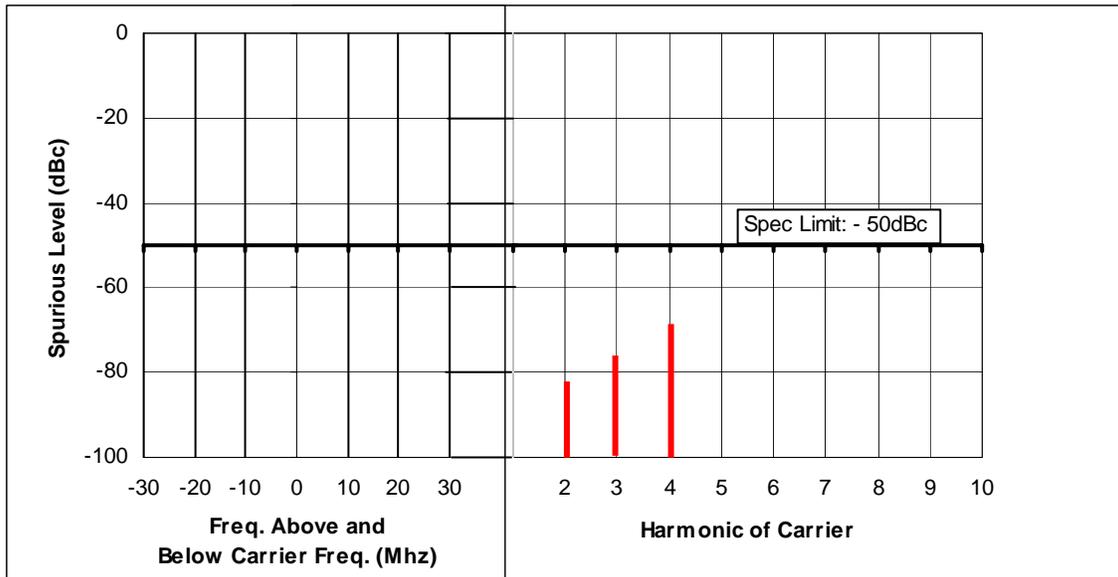


Table 6F-23: Hi-Power Harmonic of Carrier 775.9875 MHz, 25 kHz Channel Spacing

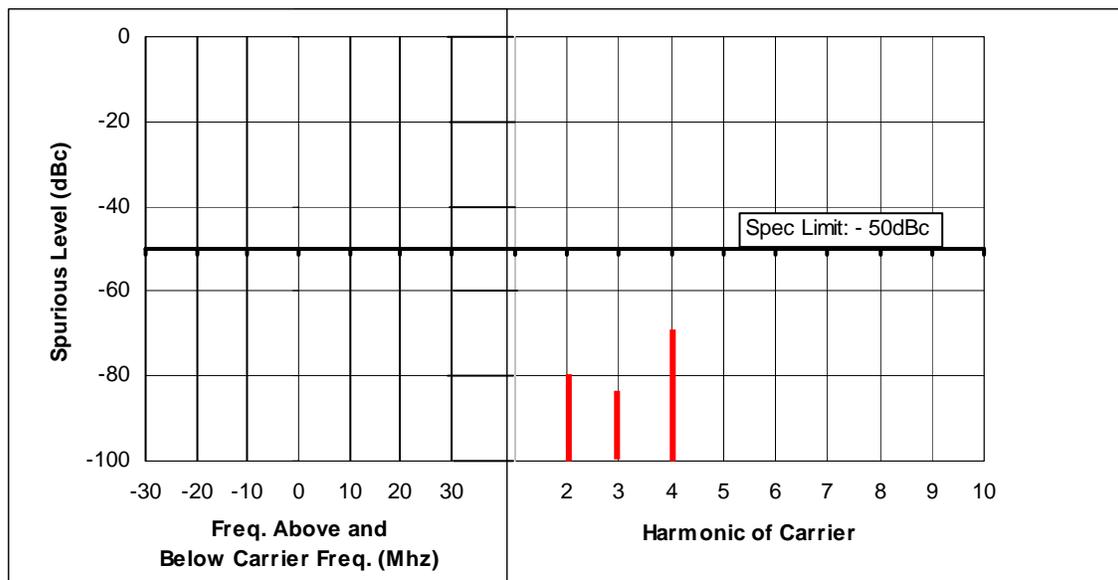


Table 6F-24: Hi-Power Harmonic of Carrier 794.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

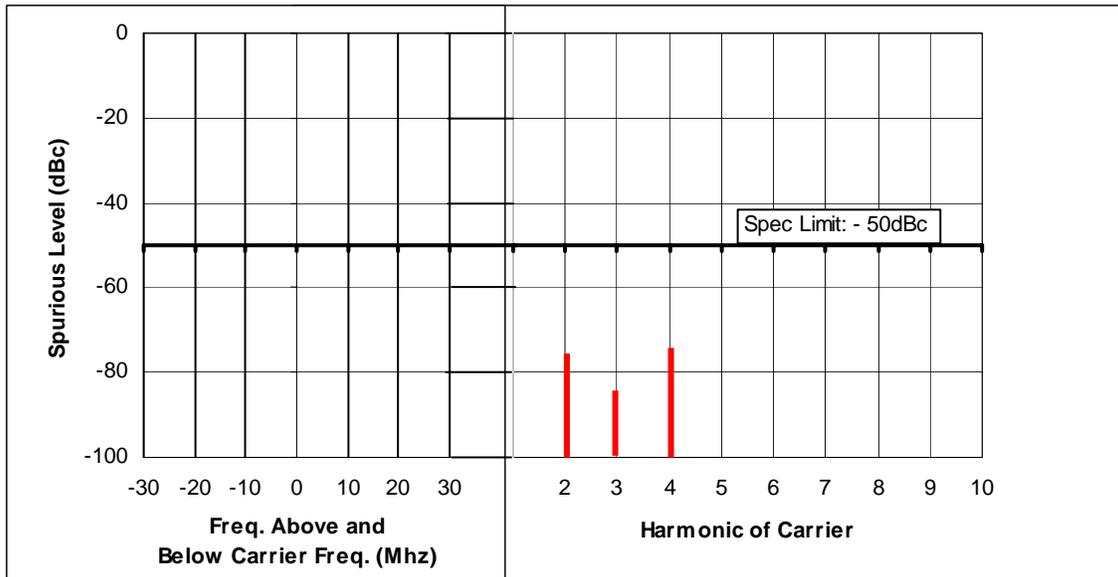


Table 6F-25: Hi-Power Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing

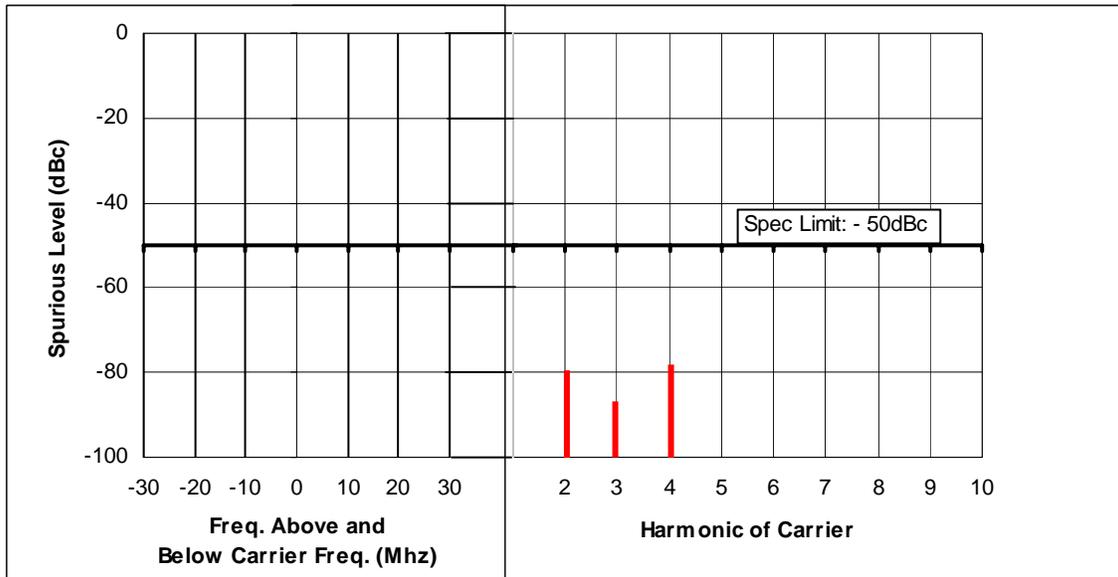


Table 6F-26: Hi-Power Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

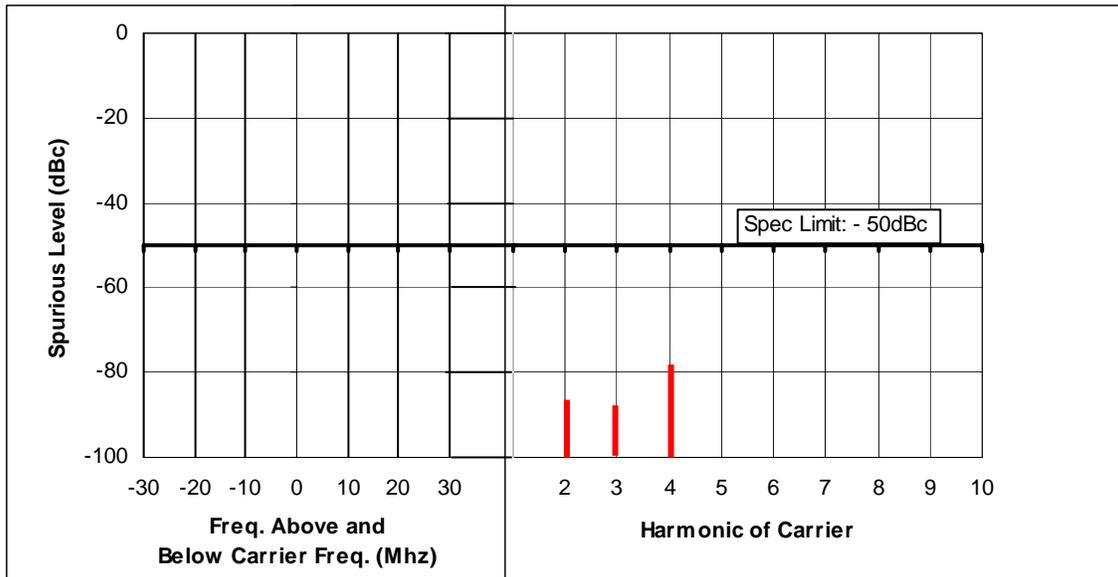


Table 6F-27: Hi-Power Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing

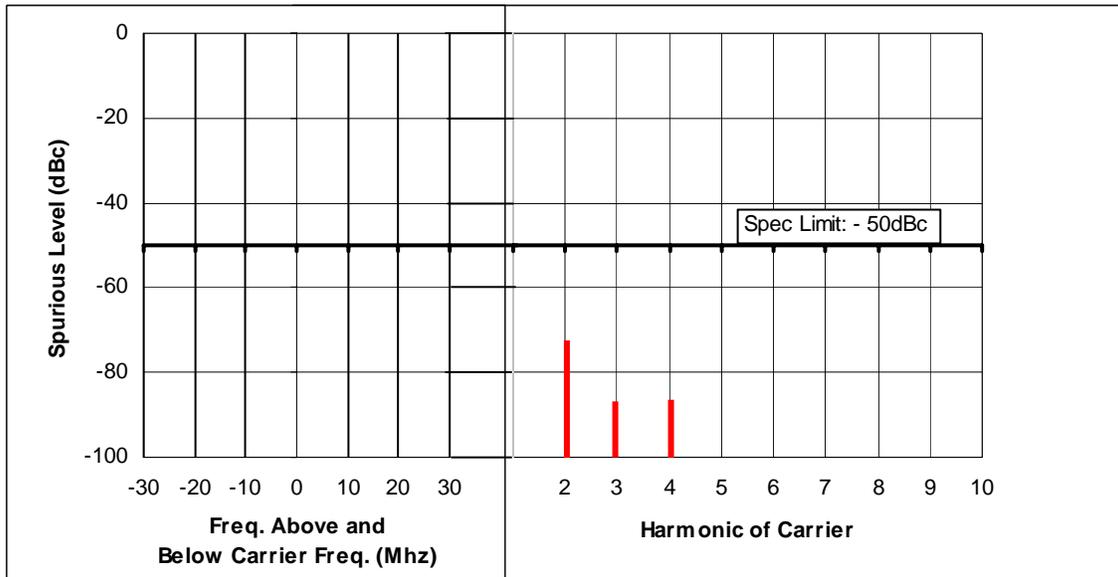
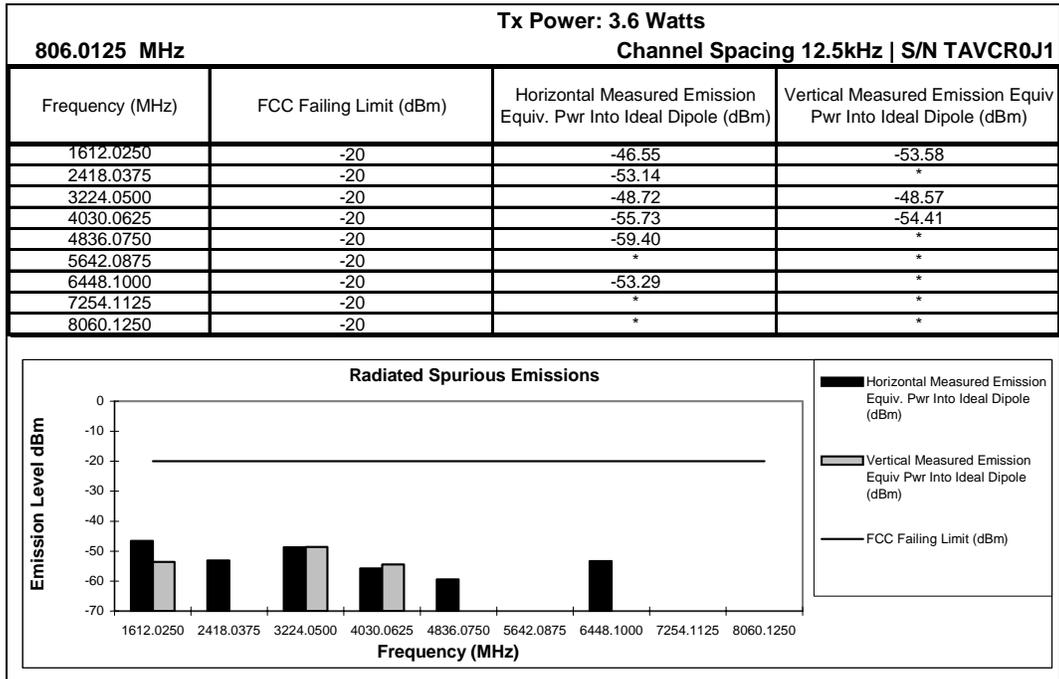


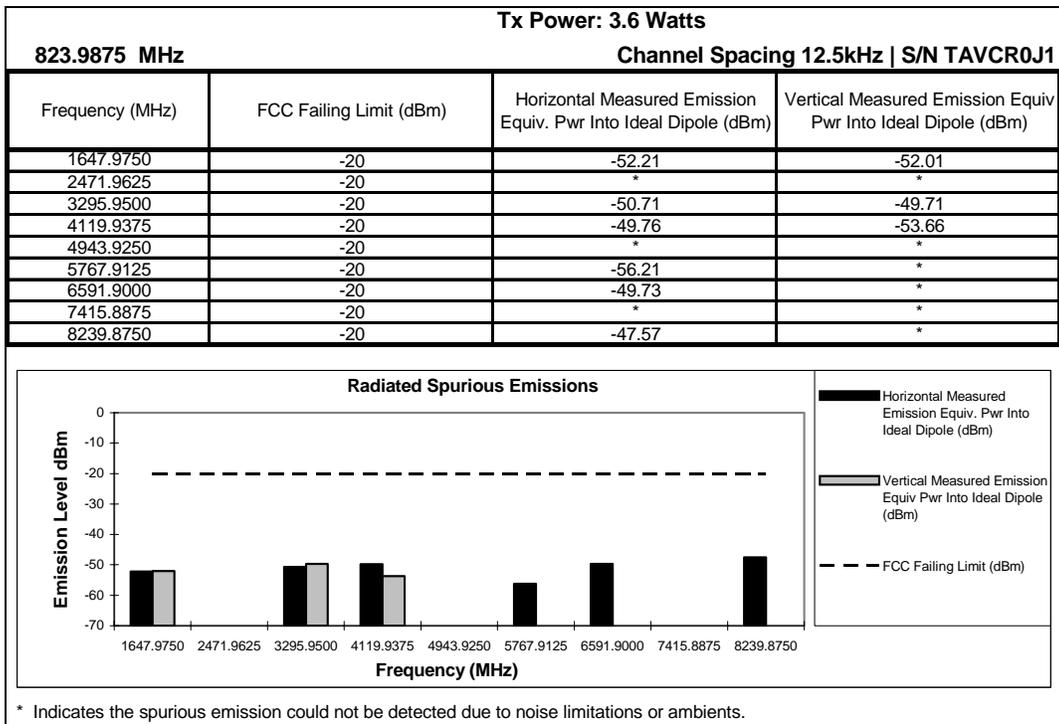
Table 6F-28: Hi-Power Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

Revised EXHIBIT 6G
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)



Graph 6G-1: Hi-Power, 806.0125 MHz, 12.5 kHz Channel Spacing

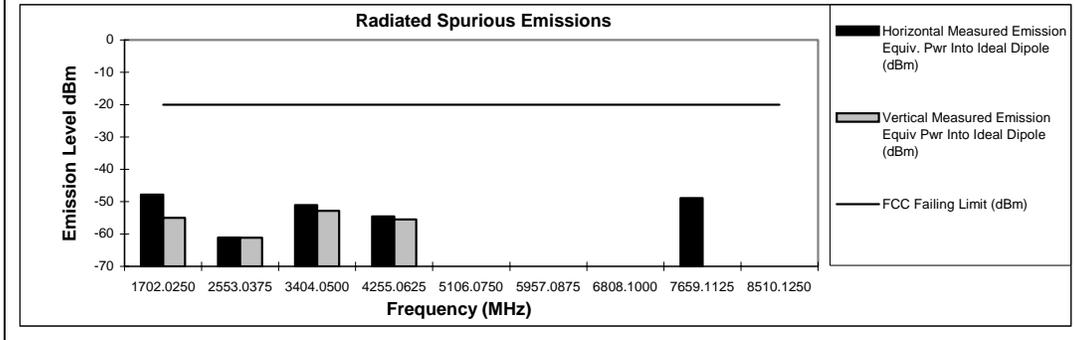


Graph 6G-2: Hi-Power, 823.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 3.6 Watts

851.0125 MHz **Channel Spacing 12.5kHz | S/N TAVCR0J1**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-47.85	-54.97
2553.0375	-20	-61.07	-61.13
3404.0500	-20	-51.04	-52.82
4255.0625	-20	-54.61	-55.49
5106.0750	-20	*	*
5957.0875	-20	*	*
6808.1000	-20	*	*
7659.1125	-20	-48.95	*
8510.1250	-20	*	*

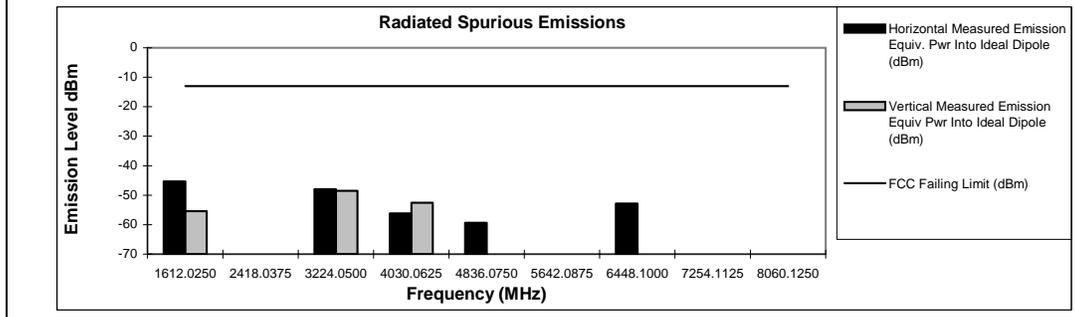


Graph 6G-3: Hi-Power, 851.0125 MHz, 12.5 kHz Channel Spacing

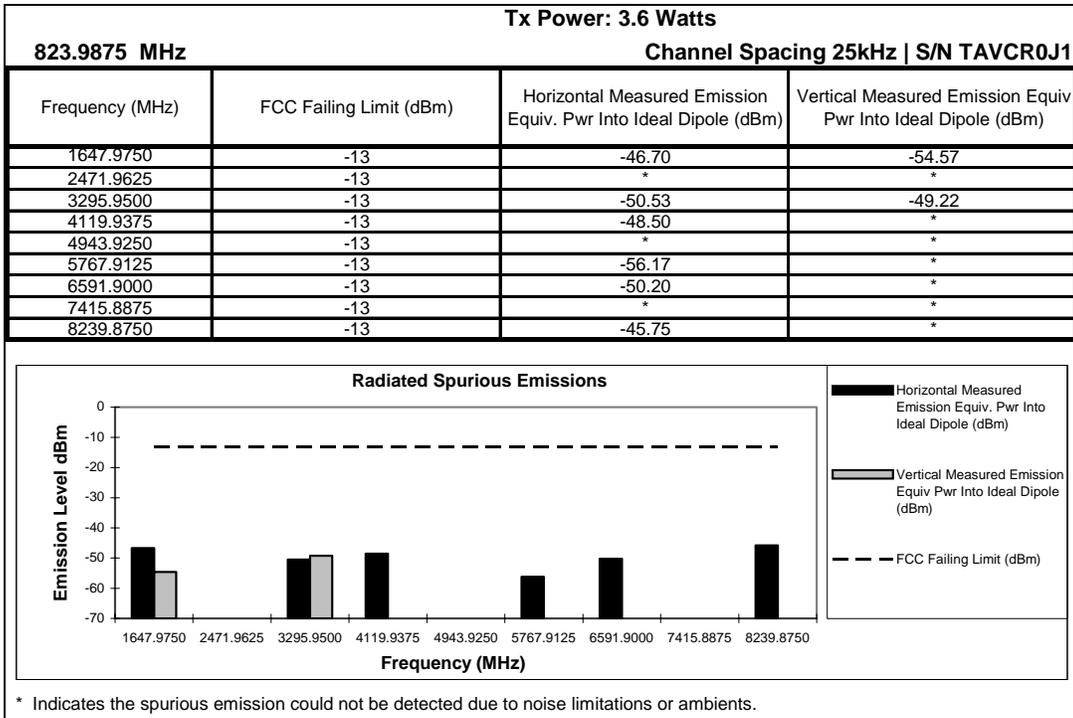
Tx Power: 3.6 Watts

806.0125 MHz **Channel Spacing 25kHz | S/N TAVCR0J1**

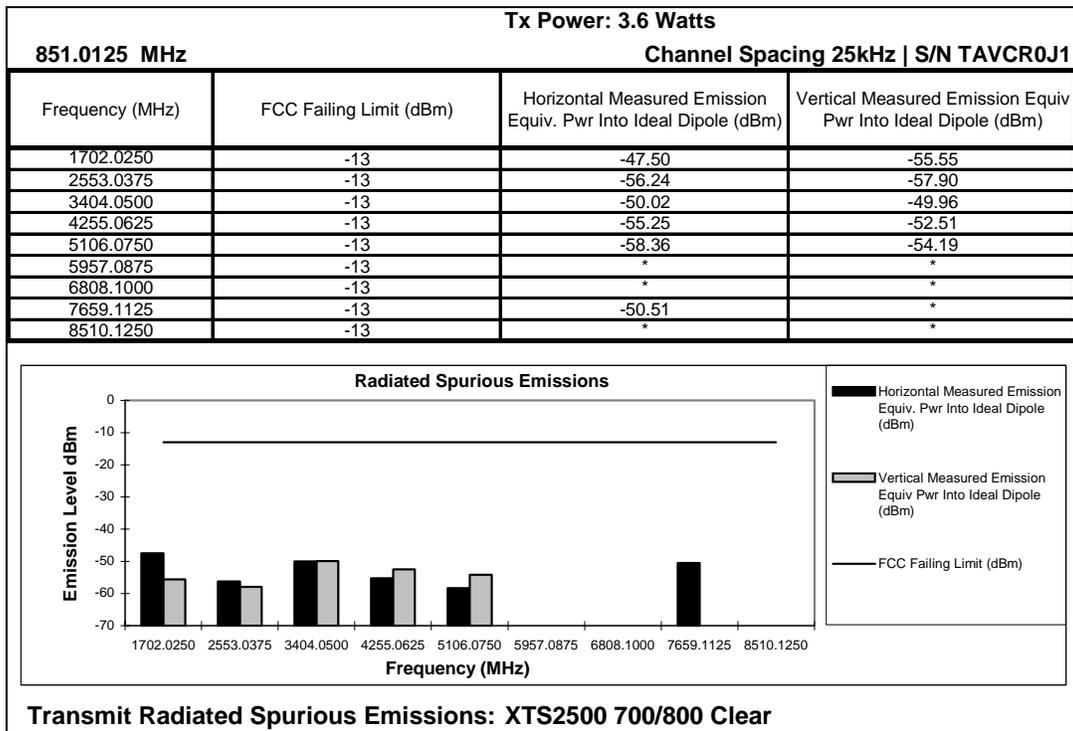
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-45.31	-55.39
2418.0375	-13	*	*
3224.0500	-13	-48.00	-48.48
4030.0625	-13	-56.23	-52.58
4836.0750	-13	-59.38	*
5642.0875	-13	*	*
6448.1000	-13	-52.87	*
7254.1125	-13	*	*
8060.1250	-13	*	*



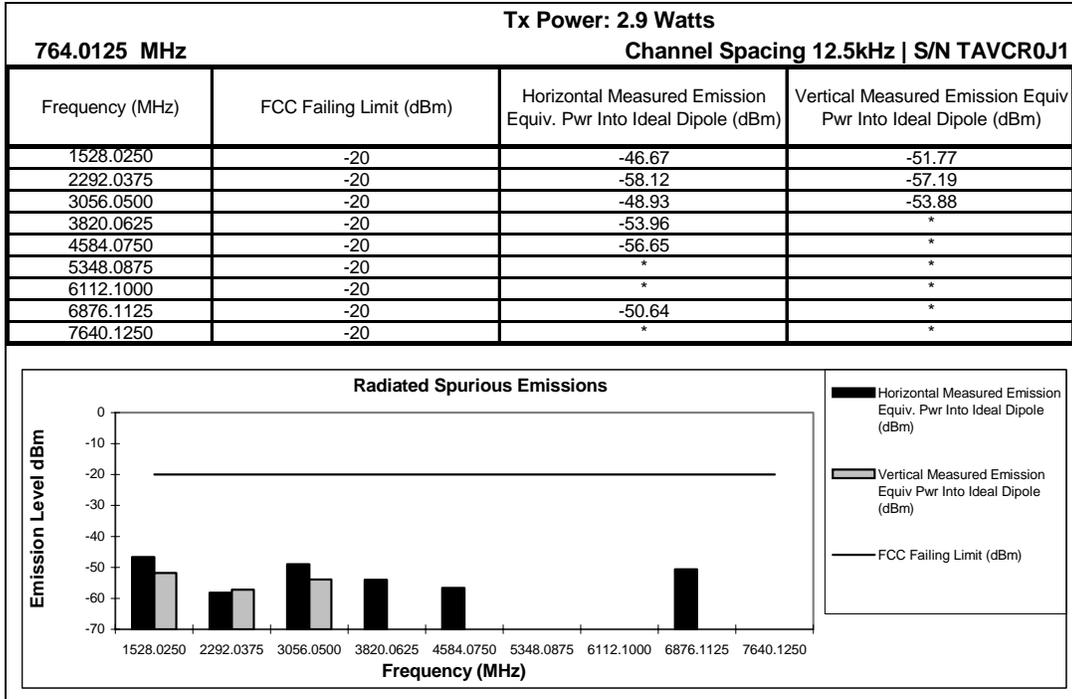
Graph 6G-4: Hi-Power, 806.0125 MHz, 25 kHz Channel Spacing



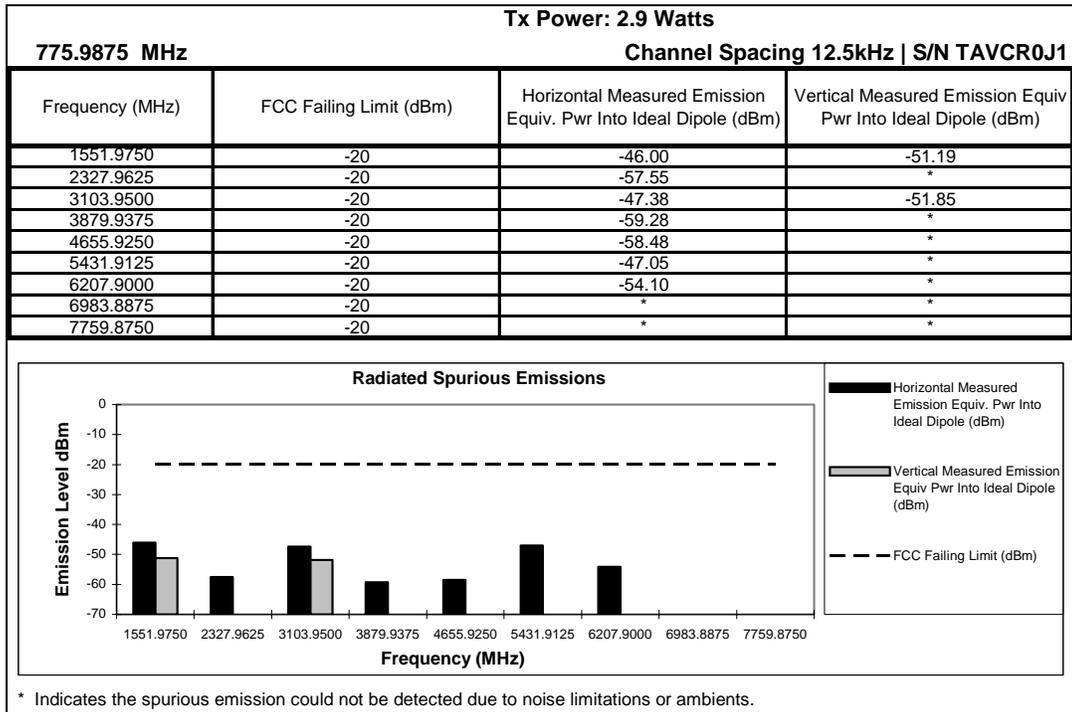
Graph 6G-5: Hi-Power, 823.9875 MHz, 25 kHz Channel Spacing



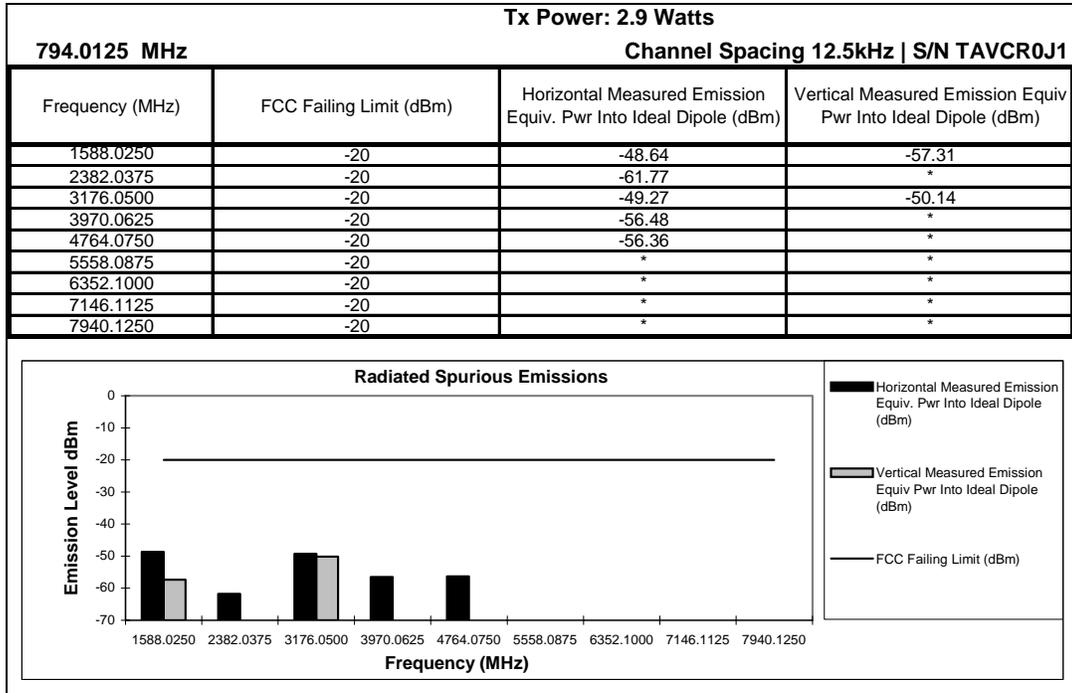
Graph 6G-6: Hi-Power, 851.0125 MHz, 25 kHz Channel Spacing



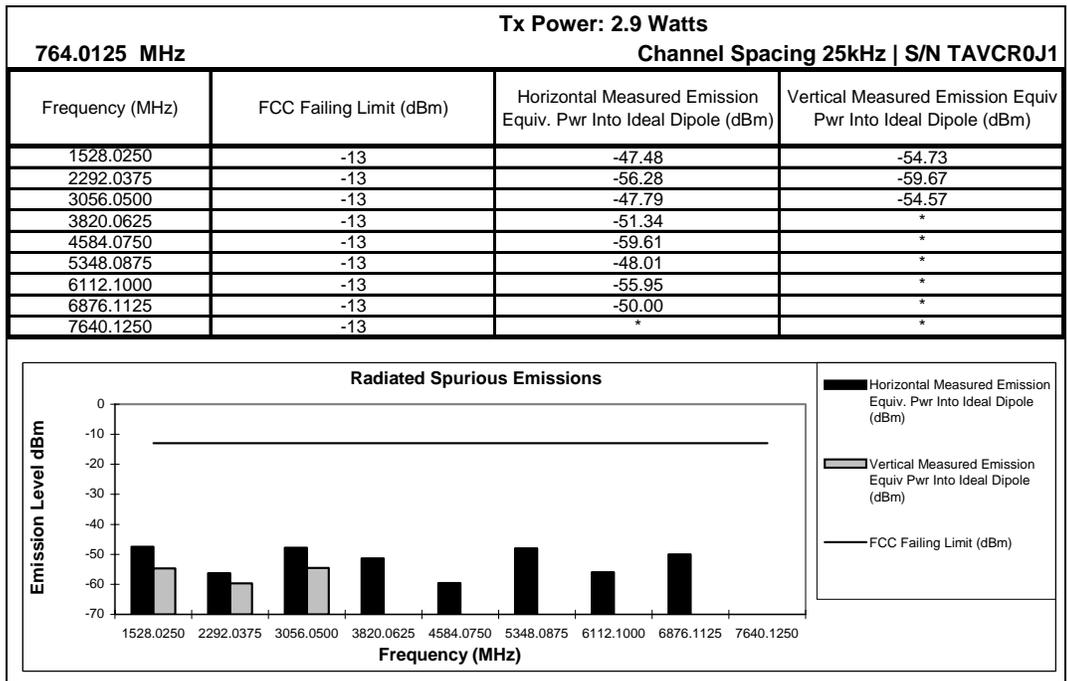
Graph 6G-7: Lo-Power, 764.0125 MHz, 12.5 kHz Channel Spacing



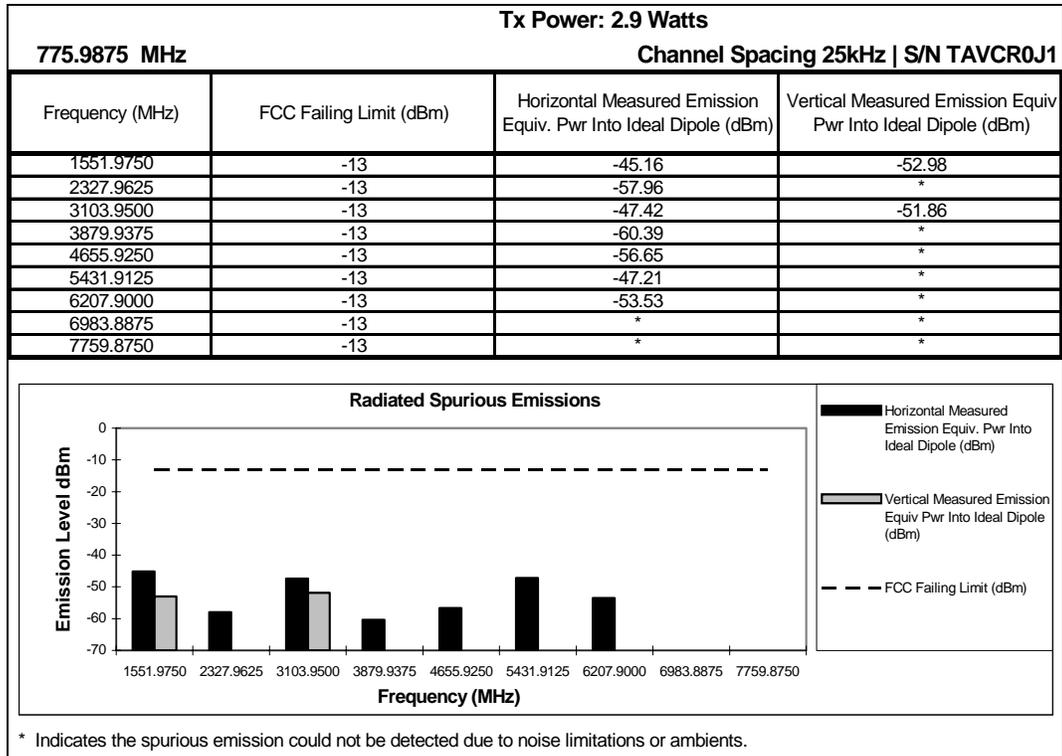
Graph 6G-8: Lo-Power, 775.9875 MHz, 12.5 kHz Channel Spacing



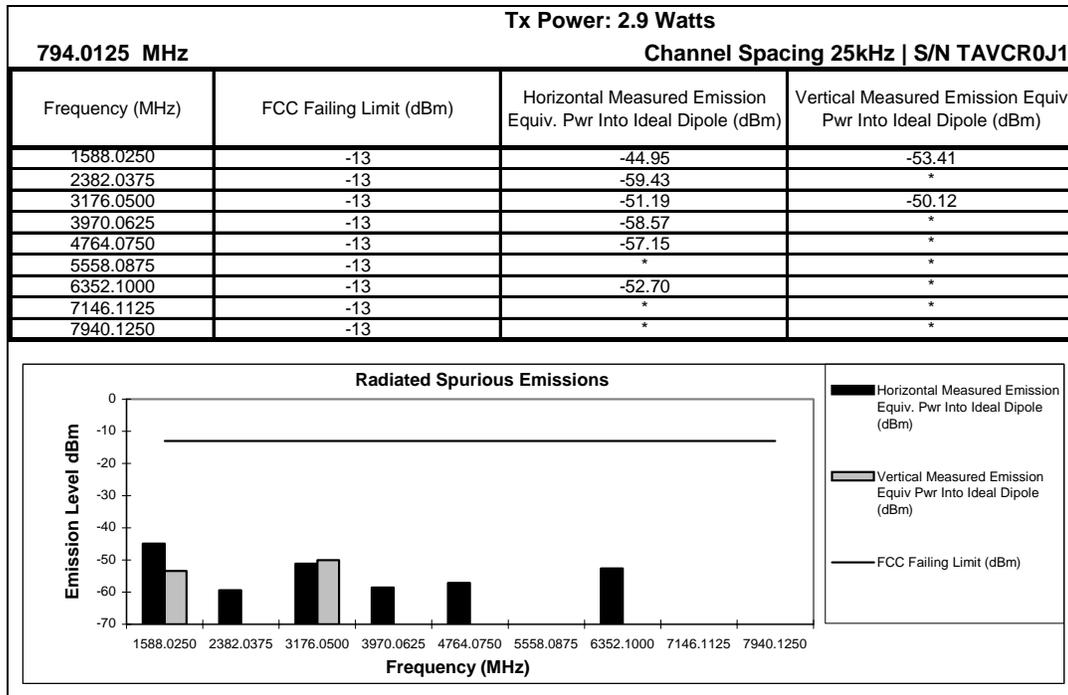
Graph 6G-9: Lo-Power, 794.0125 MHz, 12.5 kHz Channel Spacing



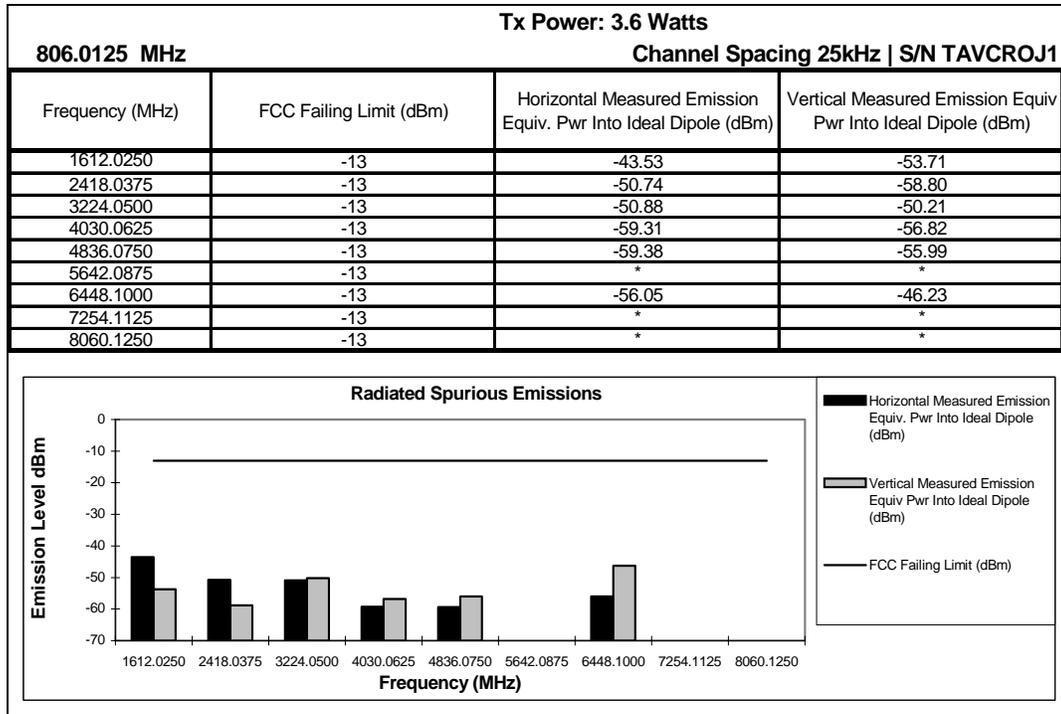
Graph 6G-10: Lo-Power, 764.0125 MHz, 25 kHz Channel Spacing



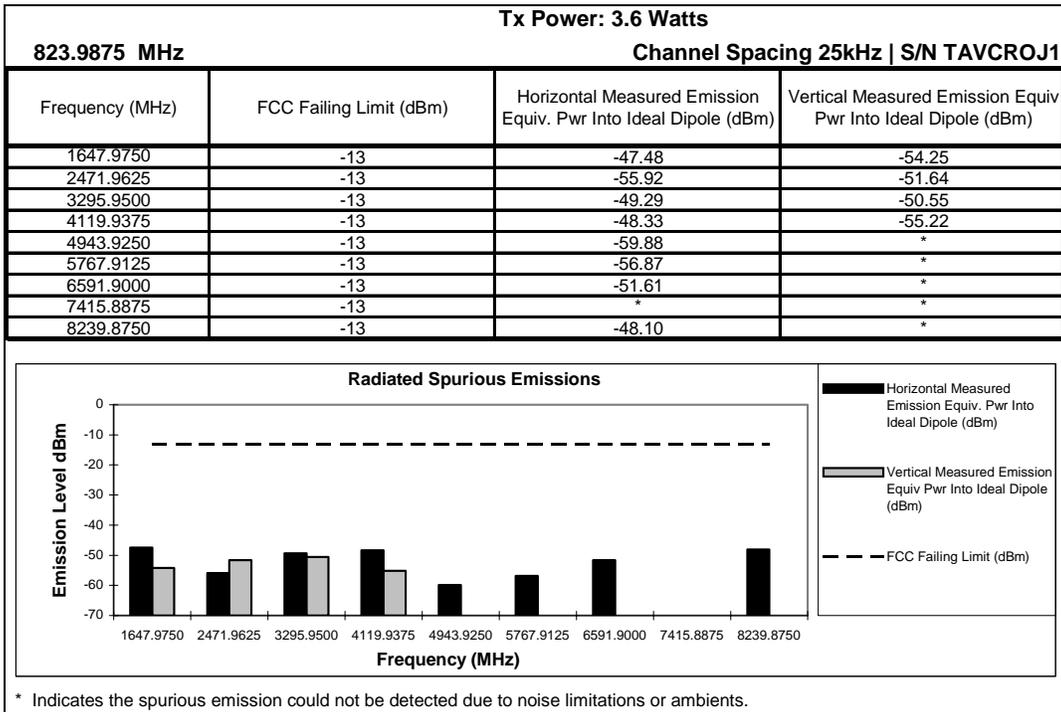
Graph 6G-11: Lo-Power, 775.9875 MHz, 25 kHz Channel Spacing



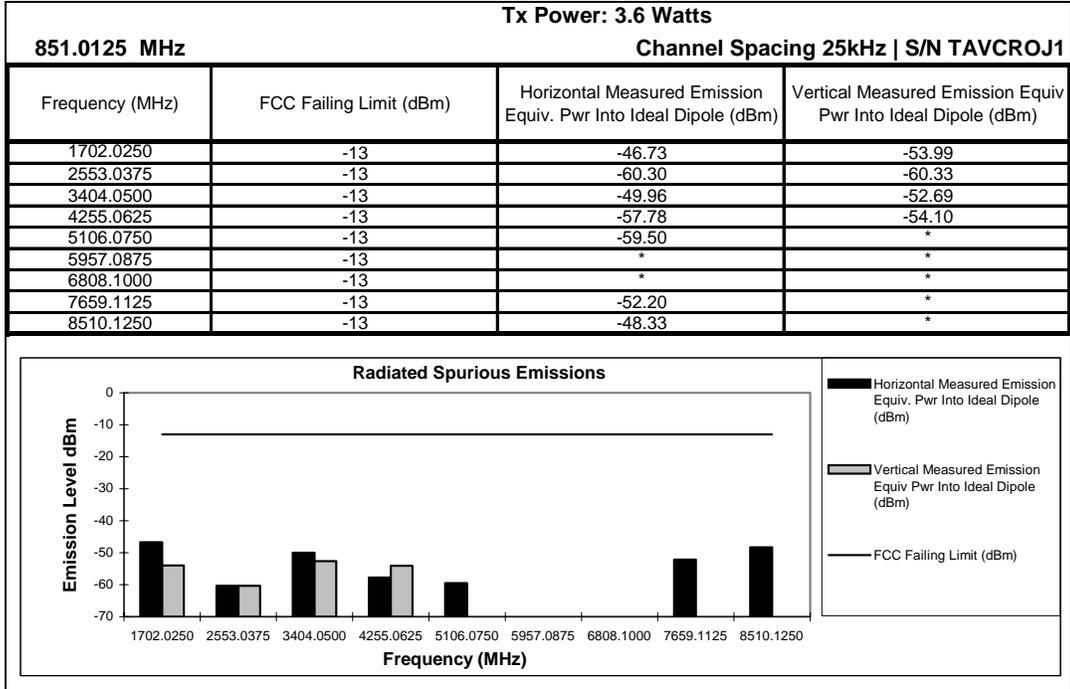
Graph 6G-12: Lo-Power, 794.0125 MHz, 25 kHz Channel Spacing



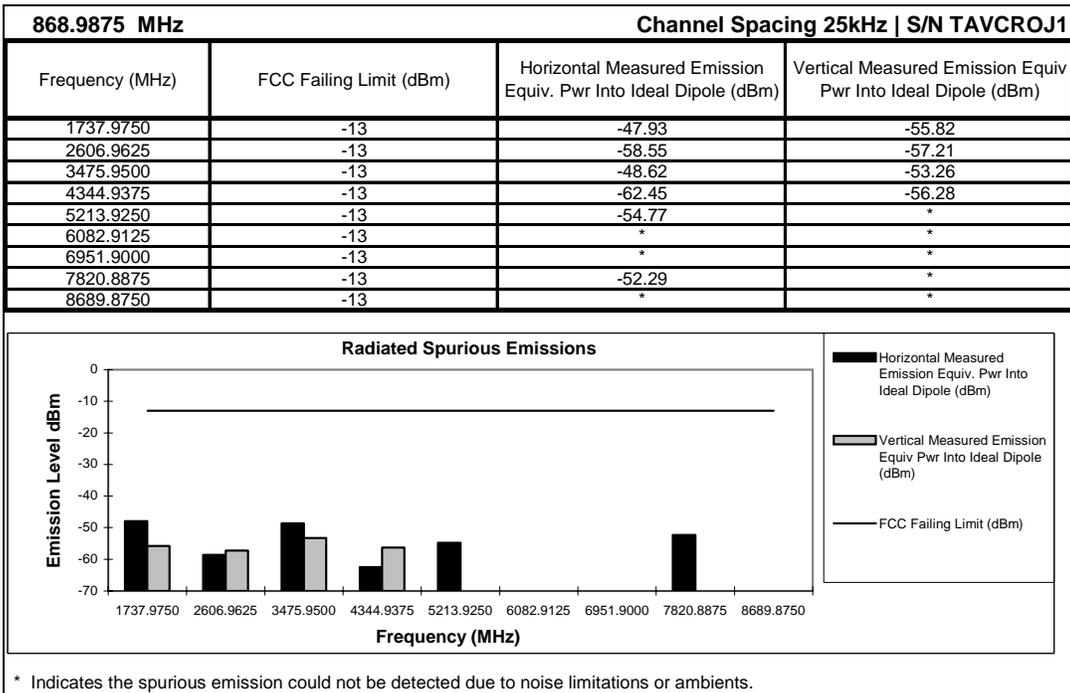
Graph 6G-13: Hi-Power, 806.0125 MHz, 25 kHz Channel Spacing, Secure



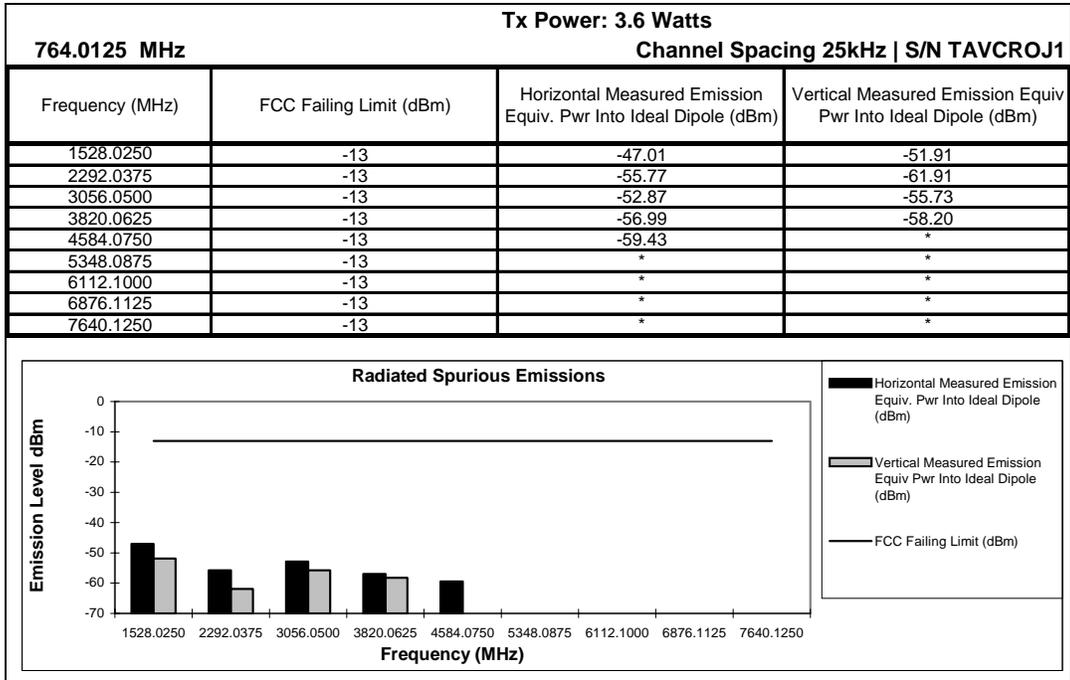
Graph 6G-14: Hi-Power, 823.9875 MHz, 25 kHz Channel Spacing, Secure



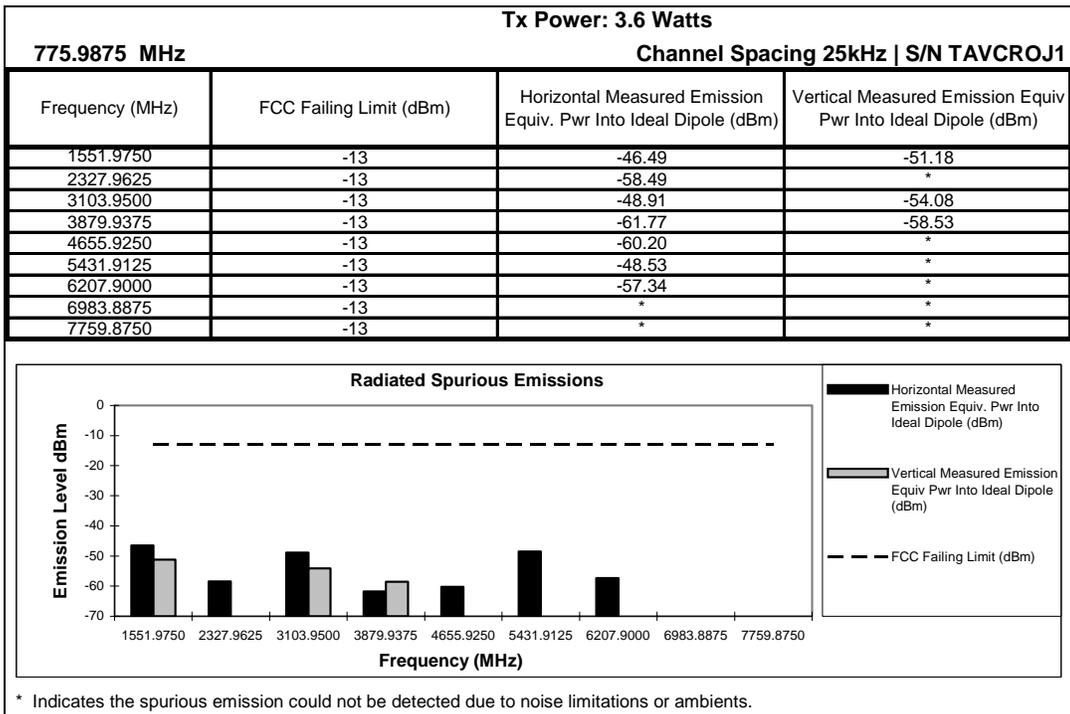
Graph 6G-15: Hi-Power, 851.0125 MHz, 25 kHz Channel Spacing, Secure



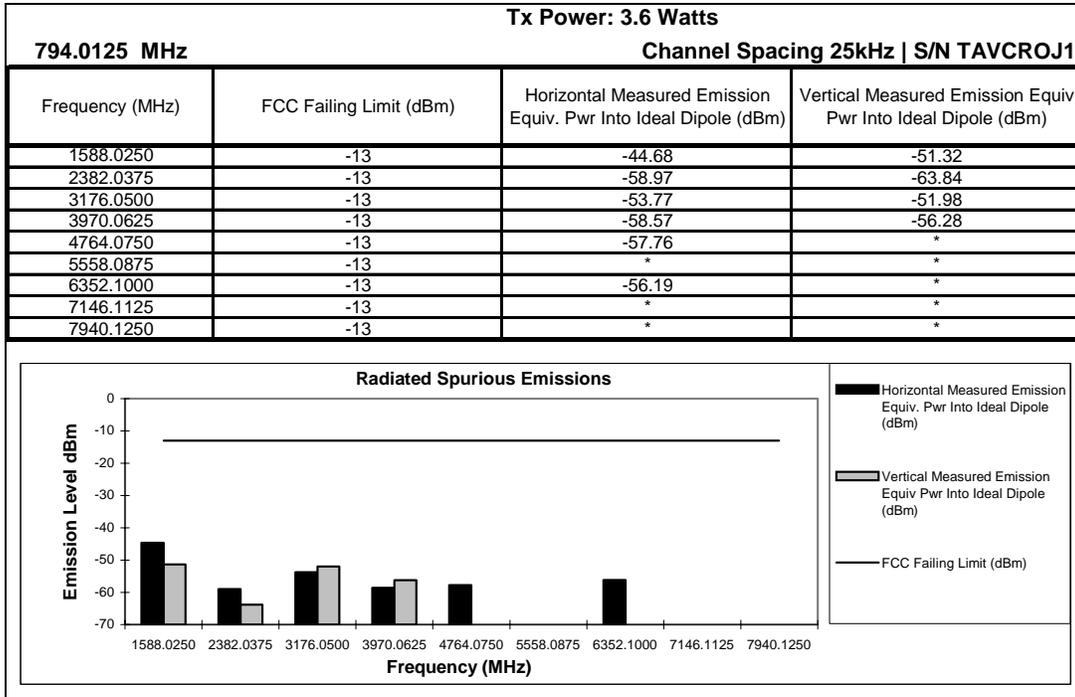
Graph 6G-16: Hi-Power, 868.9875 MHz, 25 kHz Channel Spacing, Secure



Graph 6G-17: Hi-Power, 764.0125 MHz, 25 kHz Channel Spacing, Secure



Graph 6G-18: Hi-Power, 775.9875 MHz, 25 kHz Channel Spacing, Secure



Graph 6G-19: Hi-Power, 794.0125 MHz, 25 kHz Channel Spacing, Secure

EXHIBIT 6H (Revised)

1559-1610MHz Radiated Emissions (GNSS)

GNSS Testing					
At 3 Meters ERP, ADD +2.15 dB for EIRP					
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp:	81F 85%
Product:	XTS2500 700/800 CLEAR	S/N	TAVCROJ1	Channel Spacing: 12.5kHz	
		Notes:		GNSS	
Tx Freq.	794.0125				
		Horizontal Radiated	Vertical Radiated		
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)		
Spur	MHz				
2XFund	1588.0250	-41.78	-46.41		

6H-2: GNSS, 794.0125MHz, 12.5 kHz Channel Spacing, Clear

GNSS Testing					
At 3 Meters ERP, ADD +2.15 dB for EIRP					
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp:	81F 86%
Product:	XTS2500 700/800 CLEAR	S/N	TAVCROJ1	Channel Spacing: 25kHz	
		Notes:		GNSS	
Tx Freq.	794.0125				
		Horizontal Radiated	Vertical Radiated		
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)		
Spur	MHz				
2XFund	1588.0250	-43.89	-47.35		

6H-1: GNSS, 794.0125 MHz, 25 kHz Channel Spacing, Clear

GNSS Testing					
At 3 Meters ERP, ADD +2.15 dB for EIRP					
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp:	81F 85%
Product:	XTS2500 700/800 SECURE	S/N	TAVCROJ1	Channel Spacing: 25kHz	
		Notes:		GNSS	
Tx Freq.	794.0125				
		Horizontal Radiated	Vertical Radiated		
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)		
Spur	MHz				
2XFund	1588.0250	-42.72	-47.08		

6H-3: GNSS, 794.0125 MHz, 25 kHz Channel Spacing, Secure

GNSS Testing				
At 3 Meters ERP, ADD +2.15 dB for EIRP				
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp: 81F 87%
Product:	XTS2500 700/800 CLEAR	S/N	TAVCROJ1	Channel Spacing: 12.5kHz
		Notes:		GNSS
Tx Freq.	805.0000			
		Horizontal Radiated	Vertical Radiated	
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
Spur	MHz			
2XFund	1610.0000	-45.24	-50.97	

6H-6: GNSS, 805.0000 MHz, 12.5 kHz Channel Spacing, Clear

GNSS Testing				
At 3 Meters ERP, ADD +2.15 dB for EIRP				
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp: 80F 86%
Product:	XTS2500 700/800 CLEAR	S/N	TAVCROJ1	Channel Spacing: 25kHz
		Notes:		GNSS
Tx Freq.	805.0000			
		Horizontal Radiated	Vertical Radiated	
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
Spur	MHz			
2XFund	1610.0000	-44.98	-48.19	

6H-4: GNSS, 805.0000 MHz, 25 kHz Channel Spacing, Clear

GNSS Testing				
At 3 Meters ERP, ADD +2.15 dB for EIRP				
Date:	11/1/2005	EMC#:	EMC08232005-410	Temp: 80F 88%
Product:	XTS2500 700/800 SECURE	S/N	TAVCROJ1	Channel Spacing: 25kHz
		Notes:		GNSS
Tx Freq.	805.0000			
		Horizontal Radiated	Vertical Radiated	
	Frequency	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
Spur	MHz			
2XFund	1610.0000	-41.71	-48.14	

6H-5: GNSS, 805.0000 MHz, 25 kHz Channel Spacing, Secure