



Emissions Test

Client:	Metrotech Corp.	Date:	2/1/99	Test Eng	Mehran M Birgani
Product:	Arrow Transmitter	File:	T30112	Proj. Eng	David Bare
Objective	Final Qualification	Site:	SVOATS #1	Contact:	Howard Ngo
Spec:	FCC	Distance:	-	Approved:	

Ambient Conditions

Temperature: 12 °C

Humidity: 63 % RH

Run #1: Conducted Emissions, 9 kHz -30 MHz, Sorted by Margin.

Frequency	Meas. Level	Corrected	FCC Limit	FCC Margin	Detector	Azimuth	Height	Comments
MHz	dBμV	dBm	dBm	dB	Pk/QP/Avg	degrees	meters	
0.035	114.2	32.2	40.0	-7.8	Pk	-	-	Used 50dB Pad
0.106	84.9	2.9	30.0	-27.1	Pk	-	-	Used 50dB Pad
0.177	77.2	-4.8	30.0	-34.8	Pk	-	-	Used 20dB Pad
0.248	70.4	-11.6	30.0	-41.6	Pk	-	-	Used 20dB Pad
0.071	68.8	-13.2	30.0	-43.2	Pk	-	-	Used 50dB Pad
0.319	65.8	-16.2	30.0	-46.2	Pk	-	-	Used 20dB Pad
0.390	62.3	-19.7	30.0	-49.7	Pk	-	-	Used 20dB Pad
0.460	59.2	-22.8	30.0	-52.8	Pk	-	-	Used 20dB Pad
0.213	57.6	-24.4	30.0	-54.4	Pk	-	-	Used 20dB Pad
0.531	56.1	-25.9	30.0	-55.9	Pk	-	-	Used 20dB Pad
0.601	53.8	-28.2	30.0	-58.2	Pk	-	-	Used 20dB Pad
0.637	50.0	-32.0	30.0	-62.0	Pk	-	-	Used 20dB Pad
0.708	48.9	-33.1	30.0	-63.1	Pk	-	-	Used 20dB Pad
0.850	47.6	-34.4	30.0	-64.4	Pk	-	-	Used 20dB Pad
0.920	46.5	-35.5	30.0	-65.5	Pk	-	-	Used 20dB Pad
0.991	45.6	-36.4	30.0	-66.4	Pk	-	-	Used 20dB Pad
1.132	44.0	-38.0	30.0	-68.0	Pk	-	-	Used 20dB Pad
2.899	36.3	-45.7	30.0	-75.7	Pk	-	-	Used 20dB Pad
2.687	36.2	-45.8	30.0	-75.8	Pk	-	-	Used 20dB Pad
25.526	33.7	-48.3	30.0	-78.3	Pk	-	-	Used 10dB Pad
25.242	33.5	-48.5	30.0	-78.5	Pk	-	-	Used 10dB Pad
25.029	32.5	-49.5	30.0	-79.5	Pk	-	-	Used 10dB Pad
14.212	31.6	-50.4	30.0	-80.4	Pk	-	-	Used 10dB Pad
24.110	28.9	-53.1	30.0	-83.1	Pk	-	-	Used 10dB Pad

Note 1: