6b.4 Frequency Stability in the MOTOtalk ISM Band -- Pursuant 47 CFR 2.1055a (1) & 2.1055(d) 2

The transmitter was set to transmit on a single frequency of 915.525 MHz using a special test mode not accessible by the user. The data shown below shows the maximum frequency excursion due to temperature and voltage extremes.

Frequency Stability in PPM at 915.525MHz, Voltage = 4V			
TEMP	**Frequency Error (Hz)**	**Time of the Measurement**	**PPM**
-30	285.95	5/14/2006 @ 9:00 AM	0.312
-20	406.49	5/14/2006 @ 9:00 AM	0.444
-10	21.9	5/14/2006 @ 9:00 AM	0.024
0	121.07	5/14/2006 @ 9:00 AM	0.132
10	48.66	5/14/2006 @ 9:00 AM	0.053
20	4.67	5/14/2006 @ 9:00 AM	0.005
30	60.92	5/14/2006 @ 9:00 AM	0.067
40	47.44	5/14/2006 @ 9:00 AM	0.052
50	106.53	5/14/2006 @ 9:00 AM	0.116
60	2.43	5/14/2006 @ 9:00 AM	0.003

Table 6b-4.1 Transmitter Frequency stability vs Temperature at 915.525 MHz

Frequency Stability in PPM at 915.525MHz, Temperature = 25°C			
Power Supply Output Voltage	**Frequency Error in Hz**	**Date and Time of the Measurement**	**PPM**
3.55	124.1	5/14/2006 @1:00 PM	0.136
3.6	161.48	5/14/2006 @1:00 PM	0.176
3.7	100.85	5/14/2006 @1:00 PM	0.110
3.8	59.01	5/14/2006 @1:00 PM	0.064
3.9	104.44	5/14/2006 @1:00 PM	0.114
4.0	269.33	5/14/2006 @1:00 PM	0.294
4.1	125.24	5/14/2006 @1:00 PM	0.137
4.2	96.04	5/14/2006 @1:00 PM	0.105

Table 6b-4.2 Transmitter Frequency Stability vs Voltage at 915.525 MHz