

REPORT OF MEASURED DATA

This report contains the measured data for the PX-666 equipment as follows:

EXHIBIT 6A: RF Power Output (3 scans)

Figure 6A.1 On Channel 1 setting, Frequency 455.9869

Figure 6A.2 On Channel 8 setting, Frequency 459.7250

Figure 6A.3 On Channel 8 setting, Frequency 459.7250

EXHIBIT 6B: Modulation Limiting Characteristics (table)

EXHIBIT 6C: Occupied Bandwidth (6 scans)

Figure 6C.1 On Channel 1 setting, Frequency 455.9873

Figure 6C.2 On Channel 8 setting, Frequency 459.7240

Figure 6C.3 On Channel 15 setting, Frequency 463.7740

Figure 6C.4 On Channel 1 setting, Frequency 455.9873

Figure 6C.5 On Channel 8 setting, Frequency 459.7240

Figure 6C.6 On Channel 15 setting, Frequency 463.7740

EXHIBIT 6D: Conducted Emissions

EXHIBIT 6E: Radiated Emissions

EXHIBIT 6F: Frequency Stability (table)

EXHIBIT 6G: Transient Frequency Behavior (4 scans)

Figure 6I.1 FM 25 KHz Key-up Time; Frequency 455.9873 MHz

Figure 6I.2 FM 25 KHz De-Key Decay Time; Frequency 455.9873 MHz

Figure 6I.1 FM 12.5 KHz Key-up Time; Frequency 455.9873 MHz

Figure 6I.2 FM 12.5 KHz De-Key Decay Time; Frequency 455.9873 MHz

EXHIBIT 6A: RF Power Output (3 scans)

The RF power output was measured with a HP 8593EM EMC Analyzer and printed with a HP 7550A Graphic Plotter.

Figure 6A.1 On Channel 1 setting, Frequency 455.9869

RF Power Output 28.50 dBm

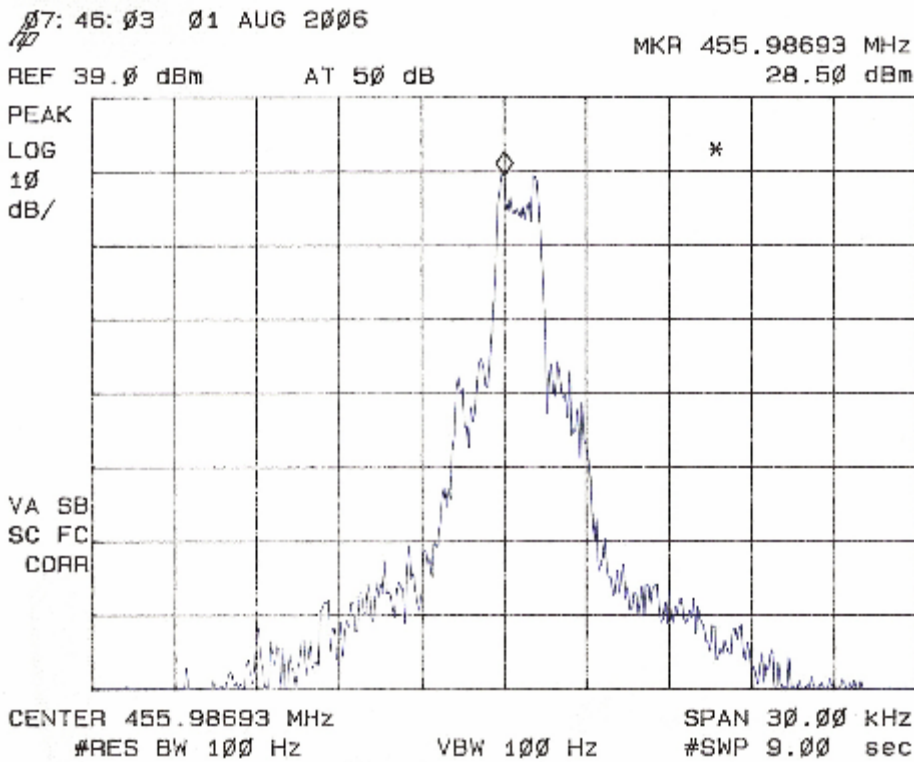


Figure 6A.2 On Channel 8 setting, Frequency 459.7250

RF Power Output 34.01 dBm

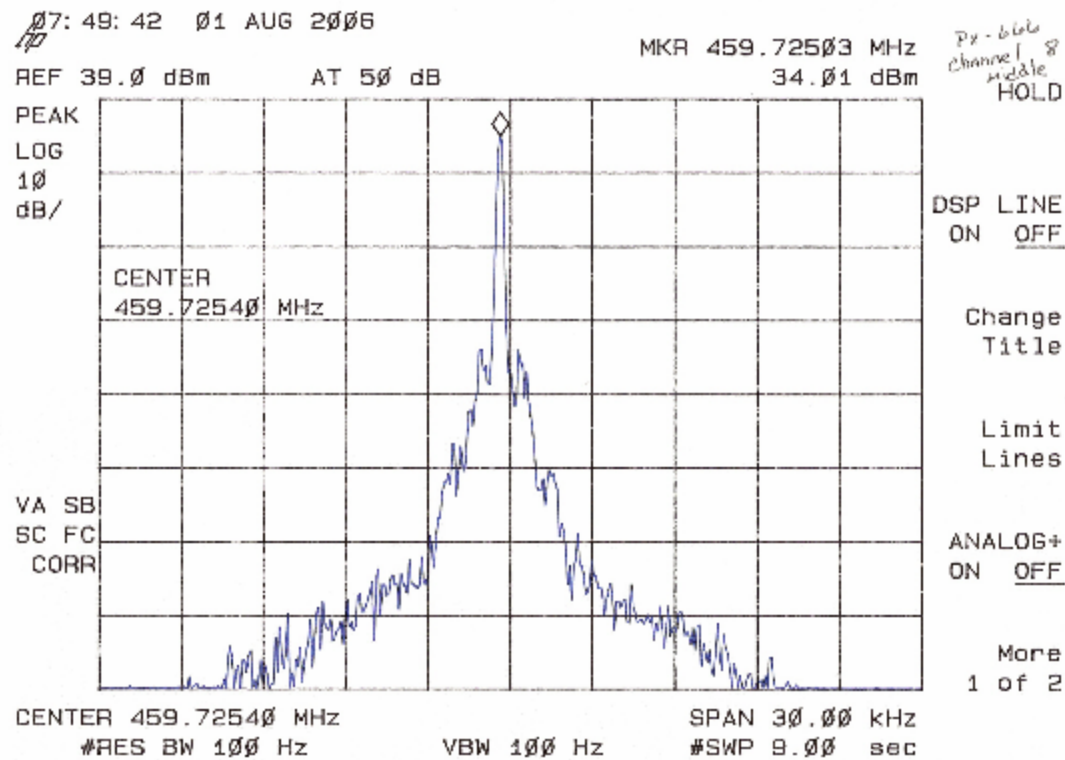


EXHIBIT 6A: RF Power Output (3 scans)

Figure 6A.3 On Channel 8 setting, Frequency 459.7250

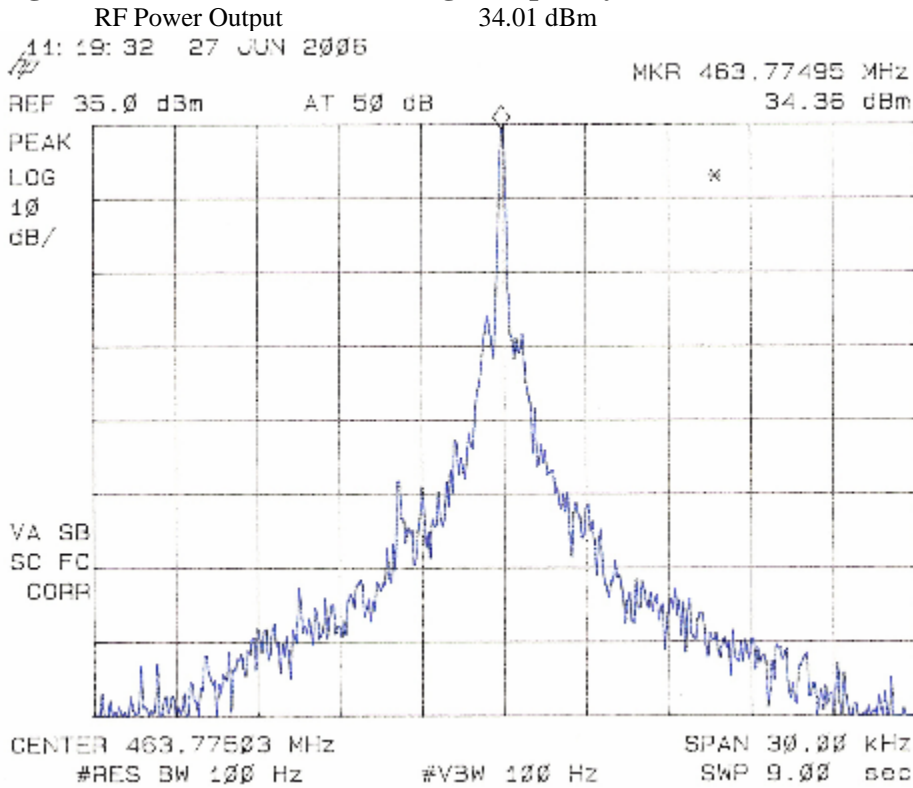


EXHIBIT 6B: Modulation Limiting Characteristics (table)

For 12.5 kHz Channel Bandwidth:

Audio Input (mV)	300Hz Deviation (kHz)	1kHz Deviation (kHz)	3kHz Deviation (kHz)
0.0	0.157	0.201	0.247
4.0	0.255	0.882	1.552
8.0	0.303	1.351	1.782
12.0	0.368	1.460	1.776
16.0	0.456	1.816	1.771
20.0	0.512	1.866	1.765
24.0	0.605	1.902	1.792
28.0	0.702	1.877	1.768
32.0	0.766	1.918	1.755
36.0	0.837	1.902	1.751

EXHIBIT 6B: Modulation Limiting Characteristics (table)

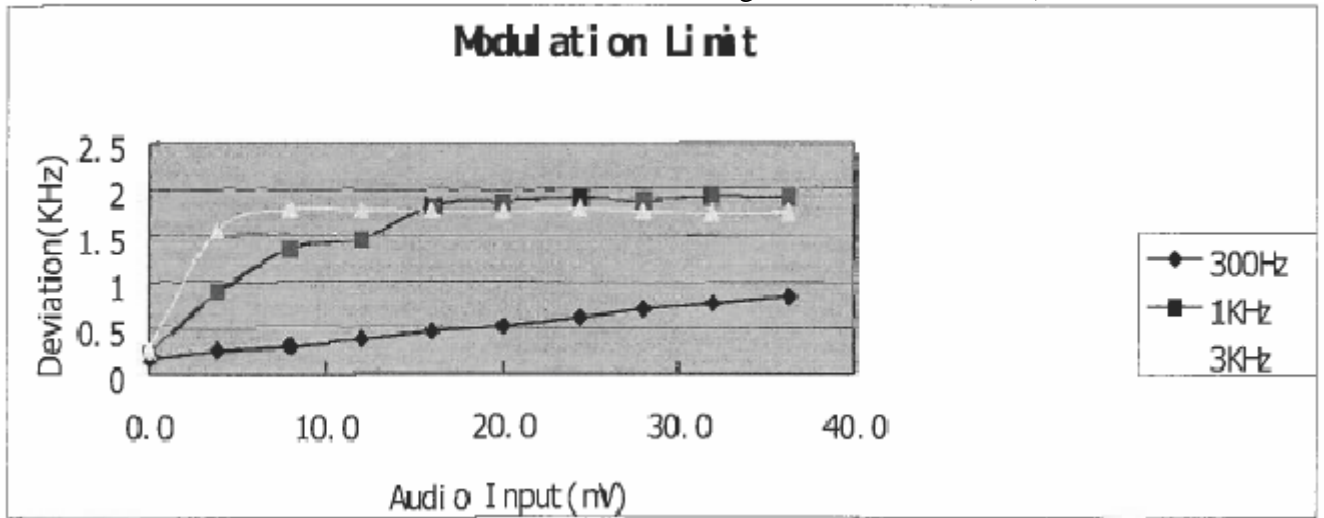


EXHIBIT 6B: Modulation Limiting Characteristics (table)

Audio Low Filter Characteristic:

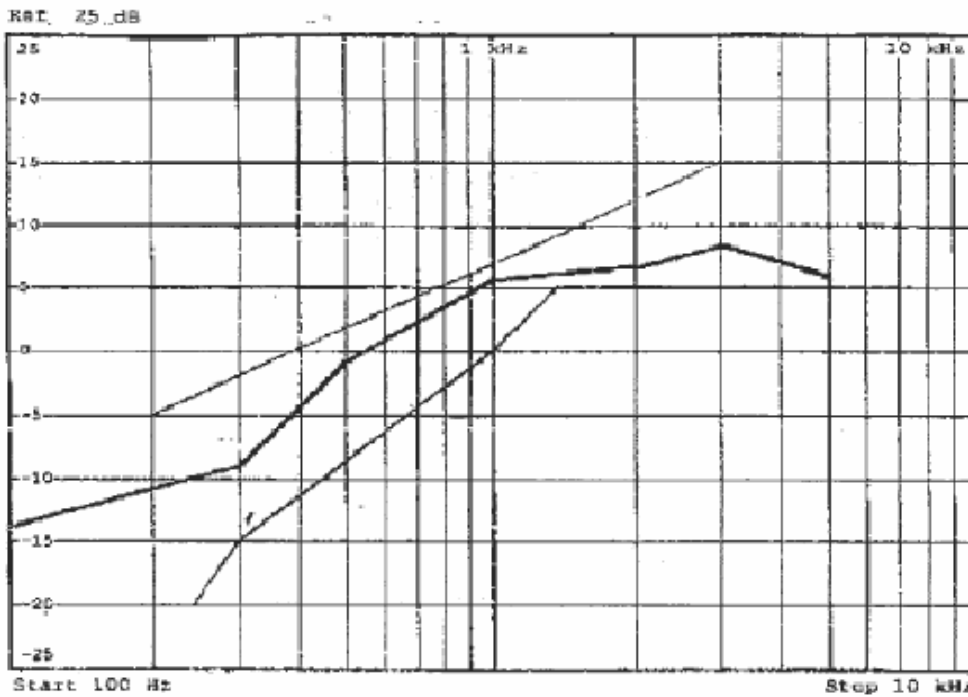


EXHIBIT 6B: Modulation Limiting Characteristics (table)

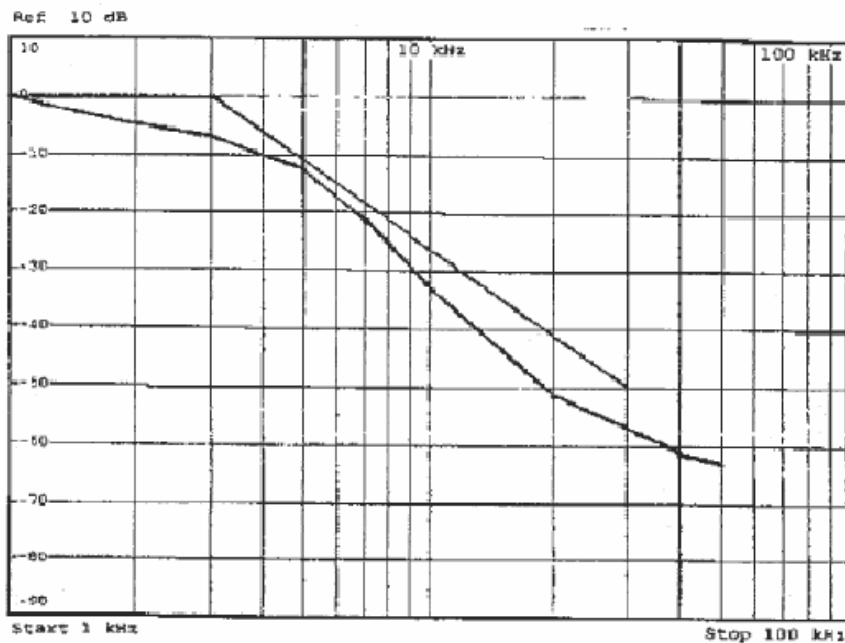


EXHIBIT 6C: Occupied Bandwidth (6 scans)

Figure 6C.1 On Channel 1 setting, Frequency 455.9873

(Blue = No Modulation, Red = 5 KHz Voice Modulation)

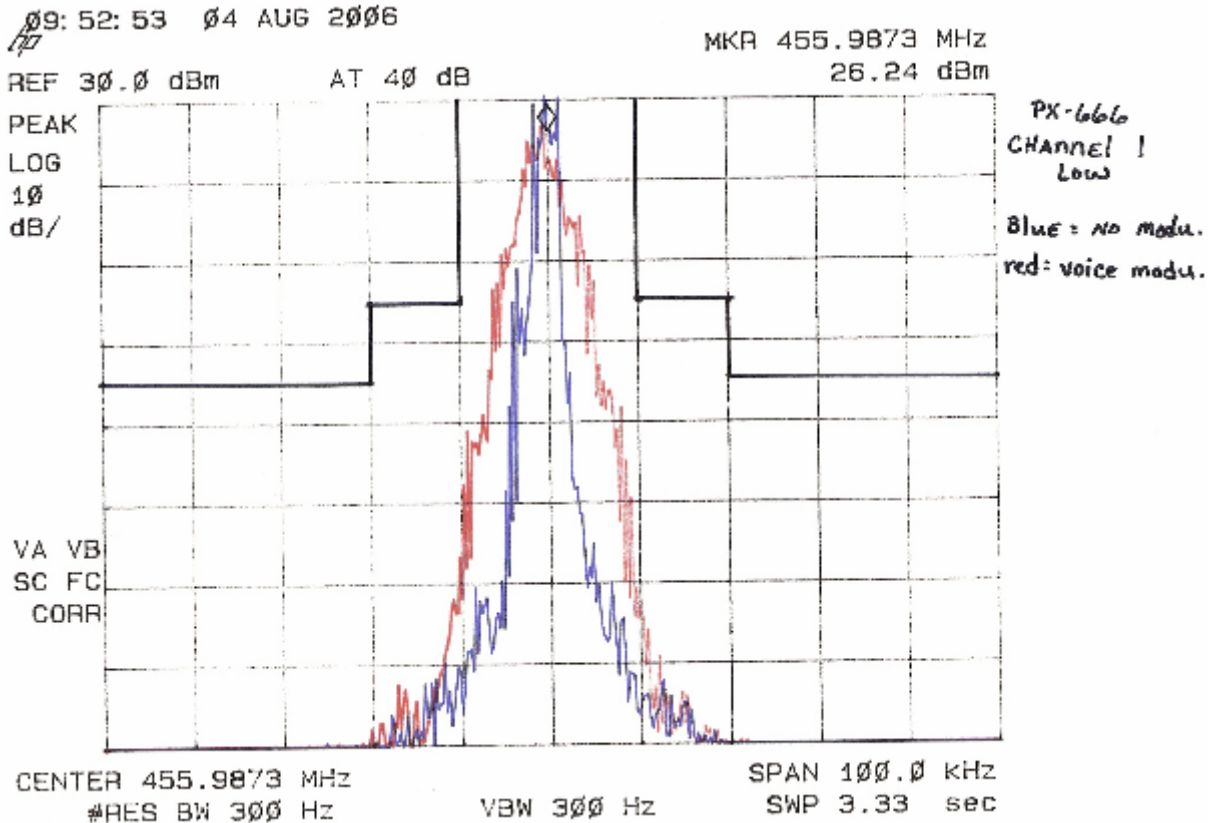


Figure 6C.2 On Channel 8 setting, Frequency 459.7240

(Blue = No Modulation, Red = 5 KHz Voice Modulation)

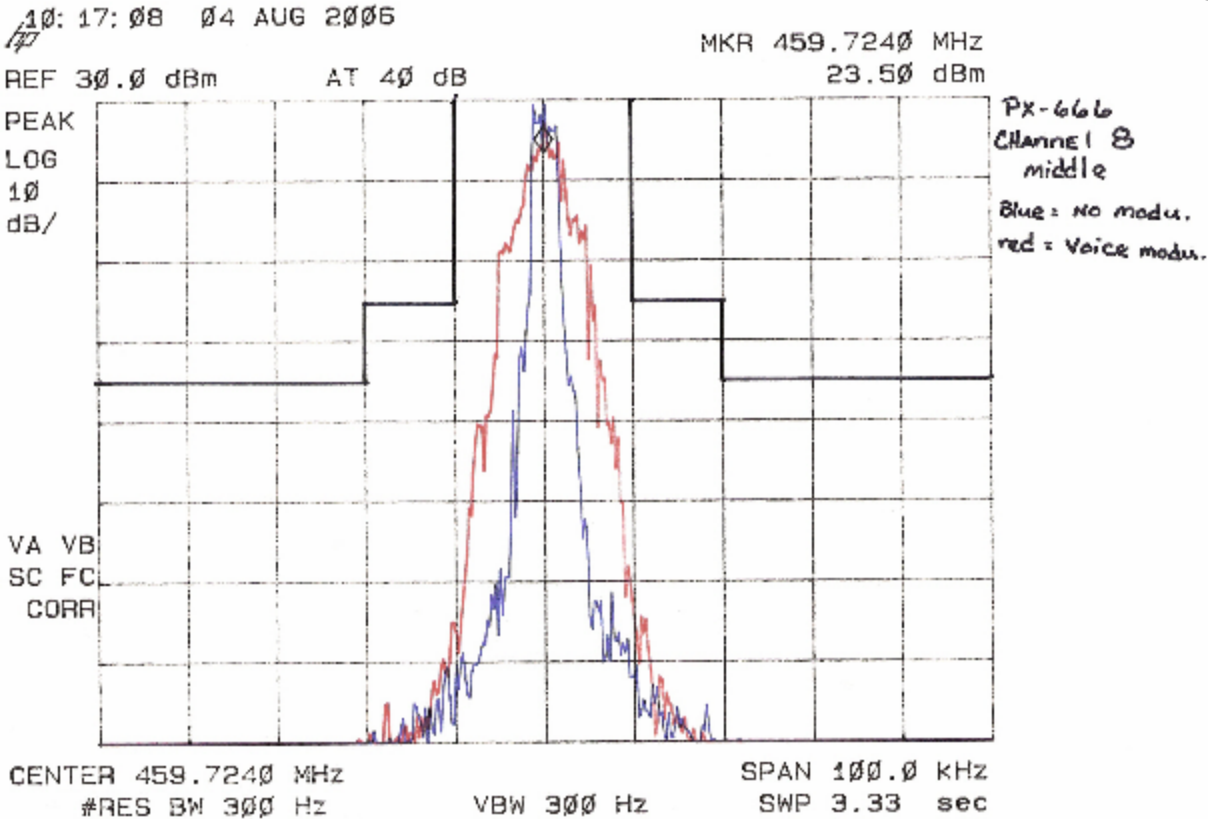


EXHIBIT 6C: Occupied Bandwidth (6 scans)

Figure 6C.3 On Channel 15 setting, Frequency 463.7740
(Blue = No Modulation, Red = 5 KHz Voice Modulation)

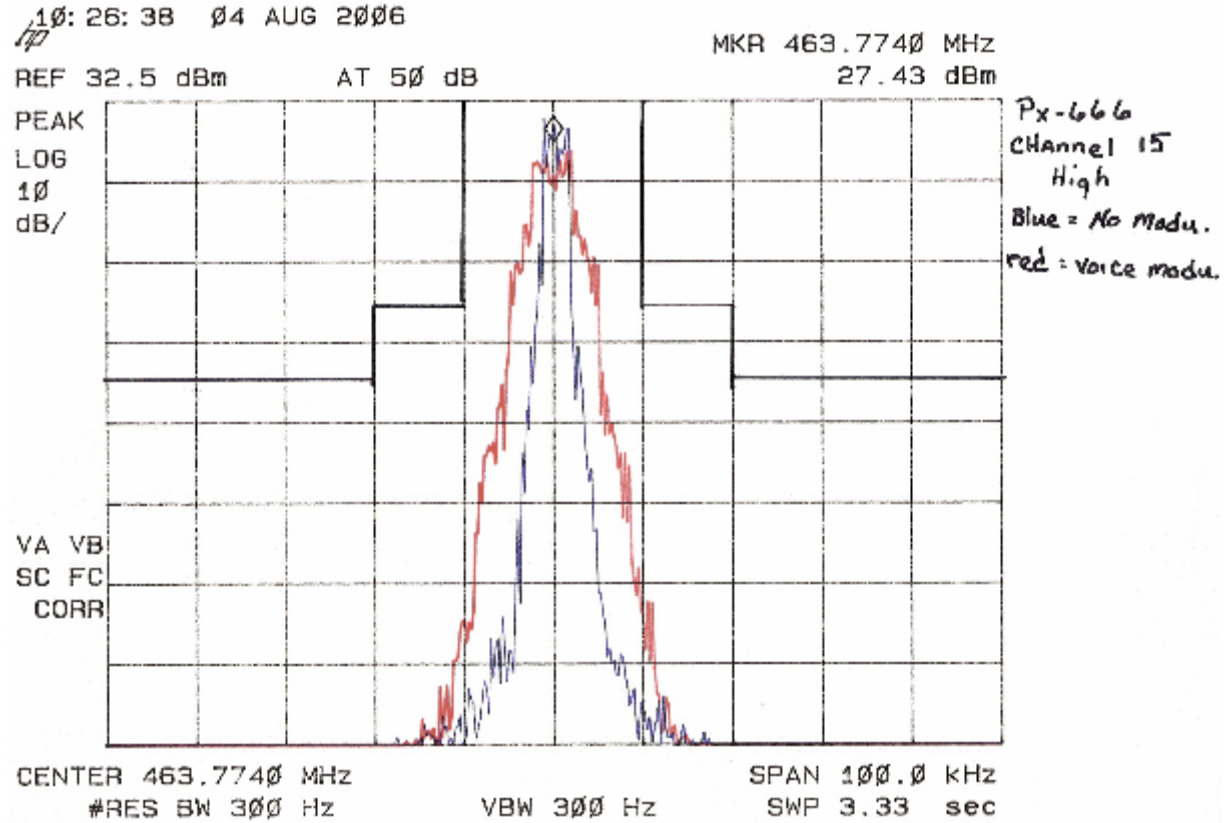


Figure 6C.4 On Channel 1 setting, Frequency 455.9873
(Blue = No Modulation, Red = 5 KHz Voice Modulation)

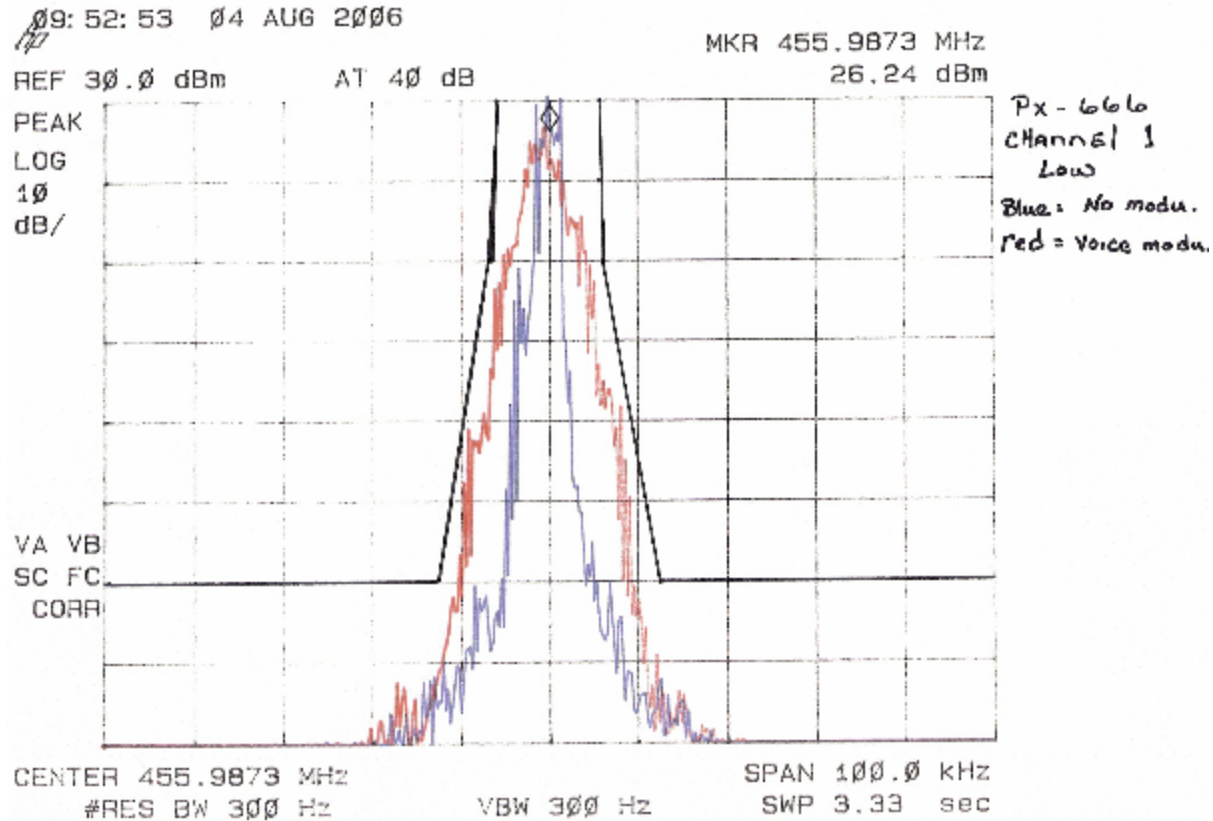


EXHIBIT 6C: Occupied Bandwidth (6 scans)

Figure 6C.5 On Channel 8 setting, Frequency 459.7240

(Blue = No Modulation, Red = 5 KHz Voice Modulation)

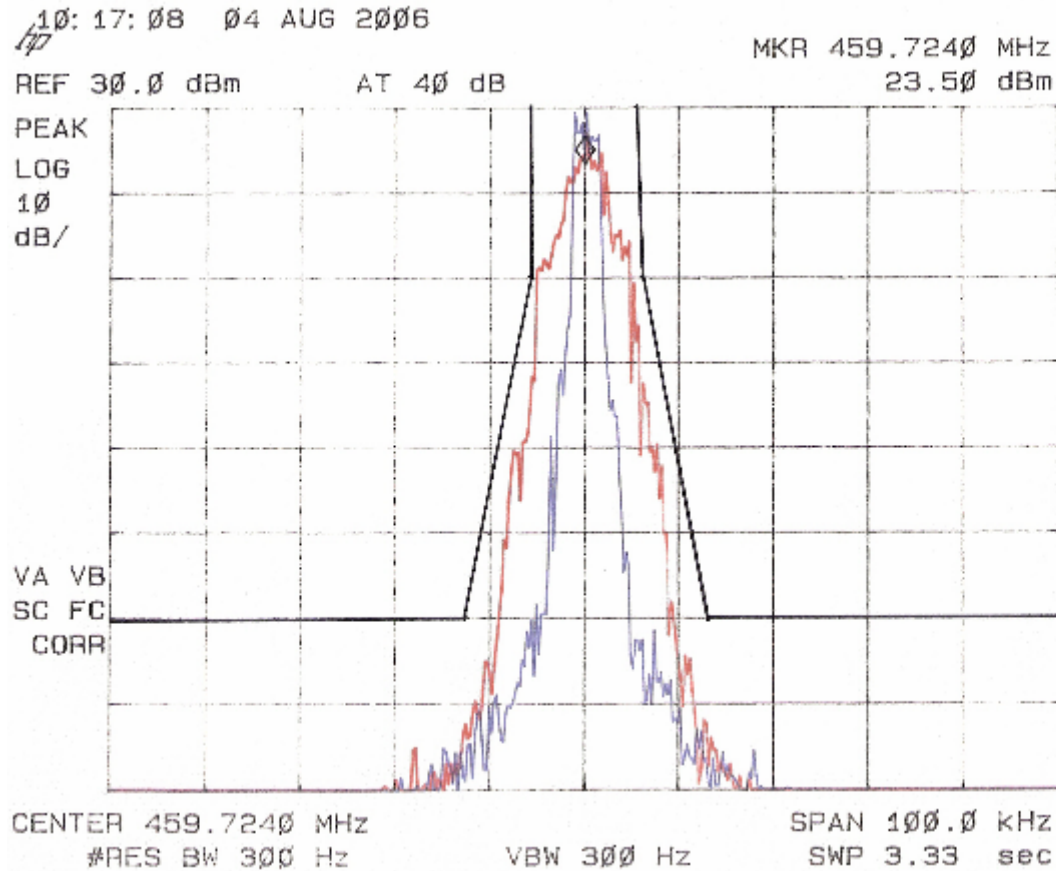


Figure 6C.6 On Channel 15 setting, Frequency 463.7740

(Blue = No Modulation, Red = 5 KHz Voice Modulation)

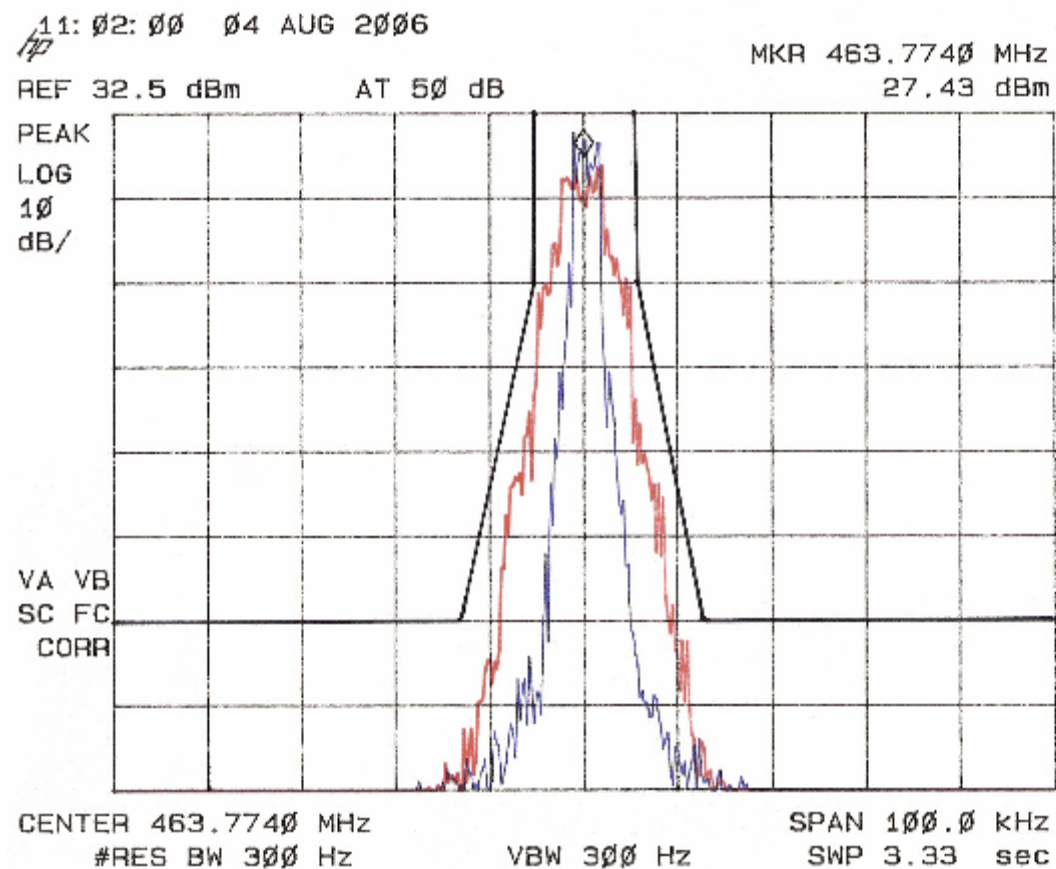


EXHIBIT 6D & 6E: Conducted & Radiated Emissions

We tested for Conducted & Radiated Emissions from 10 MHz to lowest frequency of the radio to the 10th harmonic of the highest frequency of the radio. We found NO emissions above -20 dBm

EXHIBIT 6F: Frequency Stability (table)

-30 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7250 MHz	25	459.7255 MHz
5	459.7255 MHz	30	459.7250 MHz
10	459.7270 MHz		
15	459.7265 MHz		
20	459.7260 MHz		

-20 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7250 MHz	25	459.7260MHz
5	459.7255 MHz	30	459.7255 MHz
10	459.7260 MHz		
15	459.7270 MHz		
20	459.7255 MHz		

-10 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7250 MHz	25	459.7245 MHz
5	459.7250 MHz	30	459.7250 MHz
10	459.7240 MHz		
15	459.7250 MHz		
20	459.7265 MHz		

-0 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7255 MHz	25	459.7235 MHz
5	459.7270 MHz	30	459.7245 MHz
10	459.7245 MHz		
15	459.7265 MHz		
20	459.7250 MHz		

+10c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7255 MHz	25	459.7250 MHz
5	459.7250 MHz	30	459.7260 MHz
10	459.7255 MHz		
15	459.7265 MHz		
20	459.7250 MHz		

+20 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7240 MHz	25	459.7250 MHz
5	459.7255 MHz	30	459.7230 MHz
10	459.7260 MHz		
15	459.7255 MHz		
20	459.7260 MHz		

EXHIBIT 6F: Frequency Stability (table)

+30 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7235 MHz	25	459.7250 MHz
5	459.7235 MHz	30	459.7250 MHz
10	459.7260 MHz		
15	459.7250 MHz		
20	459.7255 MHz		

+40 c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7250 MHz	25	459.7245 MHz
5	459.7255 MHz	30	459.7250 MHz
10	459.7235 MHz		
15	459.7245 MHz		
20	459.7240 MHz		

+50c			
Measurement Time	Frequency	Measurement Time	Frequency
0	459.7260 MHz	25	459.7250 MHz
5	459.7260 MHz	30	459.7250 MHz
10	459.7260 MHz		
15	459.7245 MHz		
20	459.7260 MHz		

EXHIBIT 6G: Transient Frequency Behavior (4 scans)

Figure 6L.1 FM 25 KHz Key-up Time; Frequency 455.9873 MHz

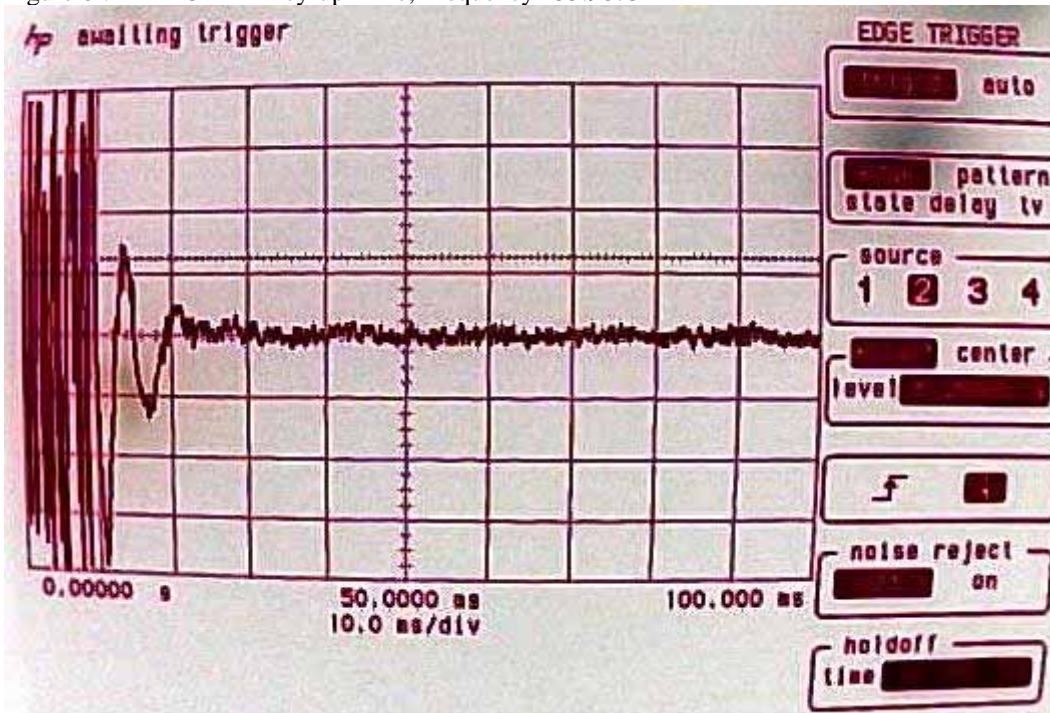


Figure 6L.2 FM 25 KHz De-Key Decay Time; Frequency 455.9873 MHz

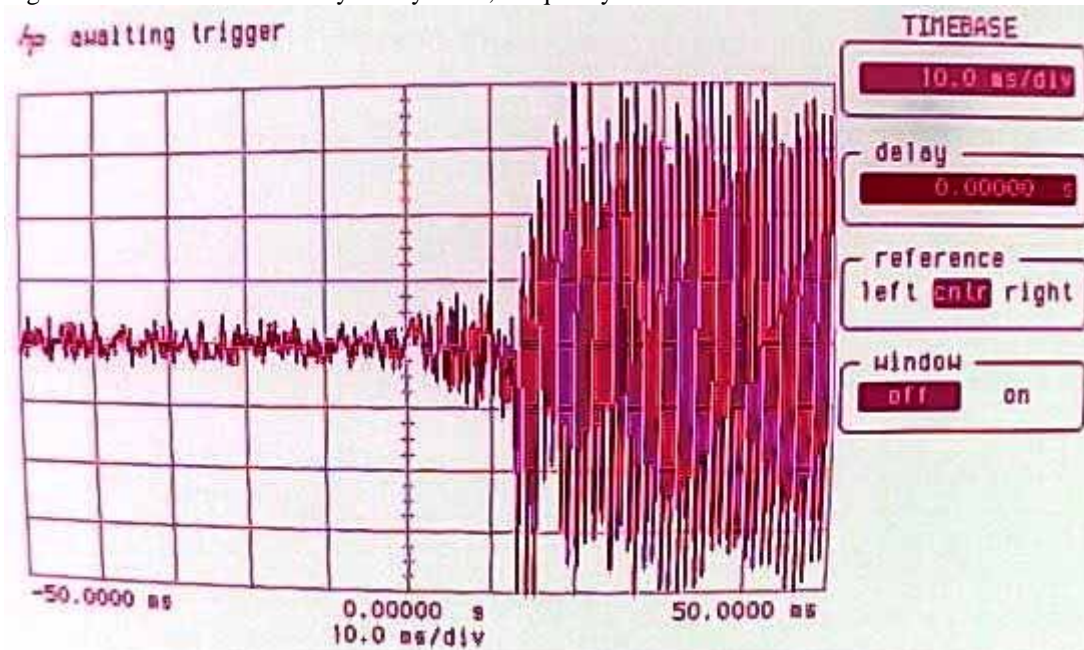


EXHIBIT 6G: Transient Frequency Behavior (4 scans)

Figure 6I.1 FM 12.5 KHz Key-up Time; Frequency 455.9873 MHz

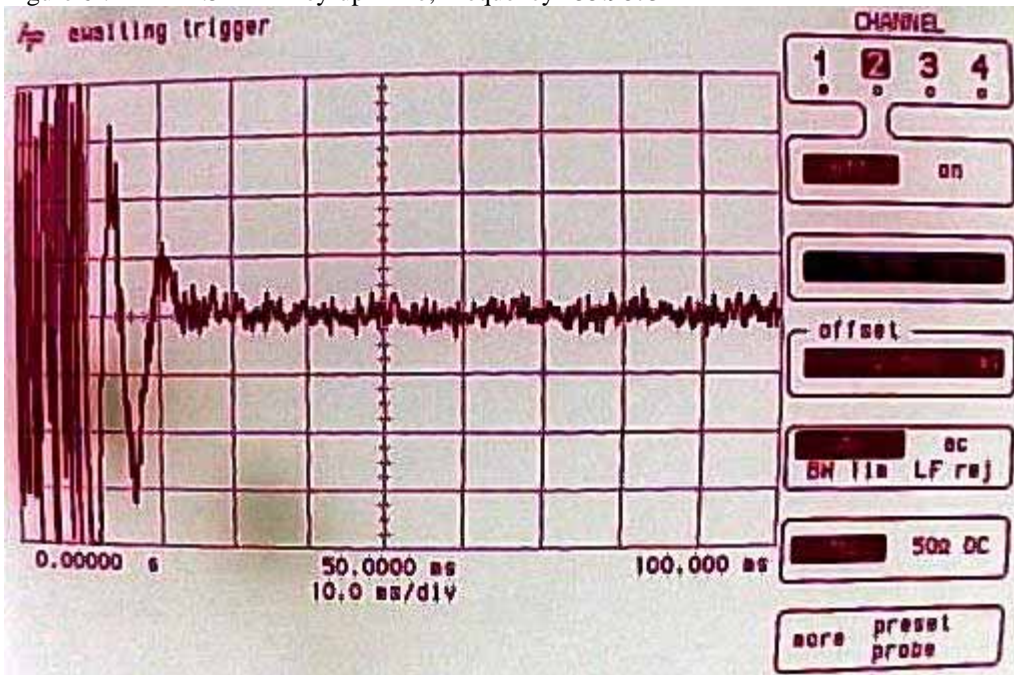


Figure 6I.2 FM 12.5 KHz De-Key Decay Time; Frequency 455.9873 MHz

