

EXHIBIT G

Paragraph 2.983(d)(9)

Tune Up Procedure



**Retlif Testing Laboratories**

Test Report Number R-7515-1  
FCC ID: CCRVH3

**DOCUMENT TITLE : ALIGNMENT PROCEDURE FOR  
SAMSON VHF HANDHELD TRANSMITTER**

**1. DEFINITION**

This document is used to define the alignment procedures for the transmitter of Samson VHF Wireless Microphone.

**2. EQUIPMENT**

1. Spectrum Analyser (SA)
2. Frequency Counter (FC)
3. 500MHz Oscilloscope (Scope)
4. Audio Analyser (AA)
5. Signal Generator (SG)
6. Digital Voltmeter (DVM)
7. Modulation Analyser (MA)
8. DC Power Supply (DCPS)

**3. TUNING PROCEDURES FOR HANDHELD TRANSMITTER**

STEP	CONNECTION	INPUT	ADJUST	PROCEDURE
1) Biasing	+9V to Battery +ve terminal and DVM to TP1 terminal		VR301	DVM should read 3.0 Volts.
2) Transmission coil	+9V to Battery +ve terminal and SA to MG terminal.		L302,L303, L304,L305, C328,C337	Adjust for maximum SA readings at 116±3dBuV.
	FC to MG terminal.		L301	Adjust for assigned frequency
3) Audio Level	AA to MI input terminal MA to MG terminal.	Set AA to -37.4dBV at 1KHz  Increase the frequency to 10KHz.	VR201	Adjust VR201 until MA reads 15±2KHz.  MA should read 22±3KHz.

4) Link Audio Distortion	AA to MI input terminal MA to antenna output. Receiver output to AA.	Set AA to -37.4dBV at 1KHz	VR202	Adjust for min. distortion of < 1.0 %
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**APPENDIX**

CHANNEL	MIC Transmitter Frequency
0	174.6
2	181.6
9	199.6
11	208.2
13	213.2
16	173.8
17	174.1
18	174.5
19	175