# RETLIF TESTING LABORATORIES

## TABULAR DATA SHEET

| | |
|---|---|
| TEST METHOD: | **Modulation Characteristics ( 100 Hz TO 15 KHz ) Para 2.1047** |
| CUSTOMER: | Samson Technologies — JOB No.: R-8512-3 |
| TEST SAMPLE: | UHF Wireless Transmitter |
| MODEL No.: | AH1 — SERIAL No.: 78U400001 FCC ID: CCRAH1M |
| TEST SPECIFICATION: | FCC Part 74, Subpart H;Experimental Radio, Auxiliary Special Broadcast, & other Program Distributional Services, Subpart H; Low Power Auxiliary Stations. PARAGRAPH: 74.861(e)(3) |
| OPERATING MODE: | Transmitting on channel U4 (803.75 MHz) |
| TECHNICIAN: | N. Dragotta — DATE: May 5, 2000 |
| NOTES: | Temperature: 23° C. Humidity: 39% |

| INPUT LEVEL | Deviation @ 100 Hz AF | Deviation @ 300 Hz AF | Deviation @ 500 Hz AF | Deviation @ 1 kHz AF | Deviation @ 1.5 kHz AF | Deviation @ 2 kHz AF | | MAXIMUM DEVIATION |
|---|---|---|---|---|---|---|---|---|
| dbm | kHz | kHz | kHz | kHz | kHz | kHz | | kHz |
| -50 | 9.6 | 10.2 | 10.6 | 11.4 | 12.4 | 13.7 | | 75.0 |
| -40 | 16.4 | 17.3 | 18.0 | 19.1 | 20.4 | 21.4 | | 75.0 |
| -30 | 22.0 | 21.7 | 21.7 | 21.9 | 23.0 | 26.6 | | 75.0 |
| -20 | 21.5 | 20.5 | 21.0 | 28.1 | 28.8 | 29.1 | | 75.0 |
| -10 | 20.3 | 20.0 | 26.5 | 29.0 | 29.4 | 29.4 | | 75.0 |
| 0 | 20.3 | 23.8 | 28.8 | 29.5 | 29.6 | 29.7 | | 75.0 |
| +10 | 21.6 | 22.7 | 29.6 | 29.8 | 29.8 | 29.7 | | 75.0 |

The test sample performed within the limits specified by the above listed specification.

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| TECHNICIAN: | N. Dragotta | DATE: | May 5, 2000 |
| NOTES: | Temperature: 23° C. Humidity: 39% | | |

| INPUT LEVEL | Deviation @ 2.5 kHz AF | Deviation @ 5 kHz AF | Deviation @ 10 kHz AF | Deviation @ 15 kHz AF | Deviation @ 20 kHz AF | | | MAXIMUM DEVIATION |
|---|---|---|---|---|---|---|---|---|
| dbm | kHz | kHz | kHz | kHz | kHz | | | kHz |
| -50 | 15.3 | 23.5 | 30.9 | 31.8 | 24.8 | | | 75.0 |
| -40 | 22.3 | 27.6 | 31.4 | 32.5 | 25.3 | | | 75.0 |
| -30 | 27.8 | 27.8 | 31.6 | 32.8 | 25.4 | | | 75.0 |
| -20 | 29.2 | 29.9 | 31.6 | 19.5 | 14.8 | | | 75.0 |
| -10 | 29.4 | 29.3 | 30.9 | 16.9 | 12.9 | | | 75.0 |
| 0 | 29.6 | 29.2 | 30.0 | 16.6 | 12.8 | | | 75.0 |
| +10 | 29.6 | 29.2 | 29.8 | 16.5 | 12.7 | | | 75.0 |

The test sample performed within the limits specified by the above listed specification.