



RE: Statement of Identity between GWX-56 and GWX-58 Weather Radar Systems

The GWX-56 (formerly KWX-56) is a 3-color, 7.5kW weather radar system. The GWX-58 (formerly KWX-58) is a 4-color, 7.5kW weather radar system. The antenna/ receiver/ transmitter (ART) frequency determining elements; magnetron, antenna, waveguide, mixer, receiver, etc, of both systems are identical. Also, the transmitted pulsed energy is identical in power level, pulse length, pulse repetition and beam width. The GWX-58 has a 3-bit video A/D converter; the GWX-56 uses a 2-bit video A/D converter. This difference has no effect on the radiated energy from the ART. The 3-bit A/D converter in the GWX-58 allows the four colors instead of three.

The radiated portion of the test data on the KWX-56 is applicable to the KWX-58.

 4/30/01

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