

Summary of Operations - KI2XFL

Purpose

- * Signal source for antenna test range

Types of Testing Performed

- * Buick - C Slot Antenna study
- * GM10 Fixed mast durability test and development
- * GM200 APV Van performance validation tests

Major Test Programs Conducted

- * Slot Antenna pilot study finalized
- * Harada Power Antenna development - H platform

Hours of Operation

- * 15 hours at 89 MHZ
- * 15 hours at 95 MHZ
- * 15 hours at 107 MHZ

GM Publications used in Testing

- * DE-RSS-1, Entertainment System Specification
- * GM-ESDG-1, Entertainment System Design Guide
- * GM-ESDR-1, Entertainment System Design Requirements

Other Information

- * Transmitter power levels are maintained at the minimum level required for test measurement.
- * Nominal effective radiated power used for most testing is +21dbm. (125.9 milliwatts)
- * Transmitter is identified at 20 second intervals with type F2 emission at 7.4 khz deviation.

Patents Issued

- * No patents were issued.