

Common Problem Designators



➤ For consistency the following commonly used emission designators have been defined:

- ▶ 40K0F8W - Cellular Voice & Signaling tone.
- ▶ 40K0F1D - Cellular wide-band data.
- ▶ 14K2G2B - Digital Selective Calling(DSC).
- ▶ F9W - CDMA
- ▶ DXW - pi/4DQPSK - TDMA - NADC
- ▶ GXW - GSM - iDen
- ▶ FXW - Cellular Digital Packet Data (CDPD)
- ▶ D7W - QAM
- ▶ W7D - OFDM or COFDM

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Form 731 Emissions—CMRS

- Uniform emission designator listing requirements for most CMRS devices (e.g., PCE parts 22/24/27) **have not been** established
- Emission symbol guidance includes:
 - F9W—CDMA; GXW—GSM; G7W—EDGE (8PSK);
 - D7W—QAM; W7D—OFDM
- Typical 3GPP LTE symbols: D7W, G7D, G7W, W7D
- Listing only widest measured bandwidth per emission designator and per band allowed **for** 3GPP LTE modes where:
 - Power, bandwidth, and emission test data and compliance demonstration for all modes and channels is in a filing *
 - For each band, if mode with widest measured emission bandwidth has highest measured power, then single line entry per mode allowed
 - For each band, if mode with widest measured emission bandwidth does not have highest measured power, line entries needed for:
 - Widest measured emission bandwidth mode, with associated measured power
 - Highest measured power mode, with associated measured bandwidth

* See also *Miscellaneous Compliance Measurement Issues* presentation in this conference.

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