



MOTOROLA

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Subject: Request for additional information (FCC ID: IHDT6DF1)

Reference:

Correspondence Reference Number: 9444
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The FCC question and corresponding response from Motorola follows:

New radiated spurious data using the Substitution method. Please note that the attenuation requirement for spurious emissions is $43 + 10\text{Log}(P)$. This is referenced to the desired signal yielding dBc. The attenuation specification is not XX uV/M, or derived from absolute value of the field strength. The dBc is determined from a substitution method such as described in the ANSI/TIA/EIA-603-1992 document. What is needed is a determination of the actual power levels necessary to reproduce these field strength levels. Those power levels (from a signal generator source and a dipole antenna replacing the EUT) are then compared to the power output of the transmitter to determine dBc. That is the basis of the "substitution method".

Also, note that pursuant to Section 2.1057(c), emissions more than 20 dB below the specification do not need to be reported.

Response: Motorola confirms submission of radiated spurious data, measured in accordance with the substitution method described in ANSI/TIA/EIA-603-1992.