Summary

Certain US government departments require form DD 1494 (Aug 96) to be completed for all devices incorporating radio transmitters. The following information is provided for guidance. It has been derived from appropriate sources and is correct to the best of our knowledge. In some areas the form is somewhat open to interpretation so let us know if you think we should offer alternate data.

DD General Information

4   a = 2.405 GHz - 2.480 GHz; b = 5MG1DEN Non-hopping

Transmitter Characteristics

4.   Phase modulation communications
5.   2.405 GHz - 2.480 GHz
6.   Crystal
7.   First channel 2.405 GHz, 5 MHz increments
8.   5MG1DEN Non-hopping
9.   30 ppm
10.   No
11.   No
12.   -3 = 1.5 MHz; -20 = 2 MHz; -40 = 6MHz; -60 = 10MHz; OC-BW = 10MHz; Measured
13.   250 kbps
14.   O-QPSK Offest quadrature phase shift key modulation (non-hopping)
15.   1.5 MHz
16.   No
17.   0.05
18.   Not applicable
19.   1mW
20.   Digital synthesis (CC2420 integrated circuit)
21.   2nd = -37dB; 3rd = -51dB; Other = unknown
22.   -30dBm
23.   FCC application ID: UGAZBMR10 (awaiting acceptance)

Receiver Characteristics

5.   2.405 GHz - 2.480 GHz
6.   Crystal
7.   First channel 2.405 GHz, 5 MHz increments
8.   5MG1DEN Non-hopping
9.   30 ppm
10.   Not applicable
11.   3dB = unknown; 20dB = <5MHz; 60dB = 10MHz
12.   Not applicable
13.   Not applicable
14.   Not applicable
15.   Not applicable
16.   250 kbps
17.   a = -94 dBm; b = "Percentage error rate = 1%"; c = unknown; d = not applicable
18.   No
19.   39dB
20.   Unknown

Antenna Characteristics

1.   Transmitting and receiving
4.   2.405 GHz - 2.480 GHz
5.   Quarterwave F-style PCB track
6.   Horizontal
7.   a = None; b = [leave blank]
8.   a = 0dBi (omnidirectional); b = [leave blank]
9.   Not applicable

NTIA General Information

4.   a = 2.405 GHz - 2.480 GHz; b = 5MG1DEN Non-hopping
6.   Compliance with IEEE 802.15.4 standard

Foreign Coordination

4.   a = 2.405 GHz - 2.480 GHz; b = 5MG1DEN Non-hopping
7.   Compliance with IEEE 802.15.4 standard