



NATIONAL TECHNICAL SYSTEMS, INC.

www.ntscorp.com

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American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

FCC ID: WHVWCU1002601
IC ID : 8158A- WCU1002601

SAR/RF Exposure:

Although SAR/MPE calculations are not required for this device due to the low power output, the following SAR evaluation is included for reference.

As per FCC rules no SAR evaluation is required provided the power is below the following threshold:

Tunable range of device: 2402 -2480 MHz
Center of tunable band : 2441 MHz

SAR Limitation in mW based on center of band
= 60/fmhz
= 60/2441
= 0.02458 w or 24.58 mW

Therefore 24.58 mW is the threshold for no SAR Evaluations. In this case the maximum output powers are as follows:

Max Antenna Gain = 2.73 dBi
Conducted Power = -0.33 dbm
S (power density): 0.000346 mW/cm²

Therefore the maximum output power including antenna gain is 0.9 mW, well below the SAR evaluation threshold of 24.58 mW.

Sincerely,
Glen Moore
Wireless/EMC Manager
NTS