

RF Exposure requirements

Product name	Network Dome Camera
Model number	NVT-7202
FCC ID	LLINVT72
Radio specification	2.4 GHz WLAN transceiver
Antenna	2.4 GHz, Whip antenna (reverse polarity SMA type)
Power source	DC 12 V

According to the KDB 447498, the following standalone SAR test exclusion was considered to qualify for the SAR test exclusion.

Tx frequency range	2412 MHz - 2462 MHz
Device category	mobile device
Maximum conducted output power	26.67 mW (14.26 dBm)
Limit	1496 mW (distance = 190 mm)

SAR test exclusion thresholds:

At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following.

MHz	50	60	70	80	90	100	110	120	test separation distance (mm)
2450	96	196	296	396	496	596	696	796	SAR test exclusion threshold (mW)

MHz	130	140	150	160	170	180	190	test separation distance (mm)
2450	896	996	1096	1196	1296	1396	1496	SAR test exclusion threshold (mW)

The source-based time-averaged maximum conducted output power of the RF channel is less than 100 mW, and therefore the transmitter complies with the RF exposure requirements and the SAR is not required.

The users manual for end users must include the following information in a prominent location:

TO COMPLY WITH RF EXPOSURE COMPLIANCE REQUIREMENT, THE ANTENNA USED FOR THIS TRANSMITTER MUST BE INSTALLED TO PROVIDE A SEPARATION DISTANCE OF AT LEAST 20cm (7.9in) FROM ALL PERSONS AND MUST NOT BE CO-LOCATED OR OPERATING IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER.
