

Manufacturer: Andrew Wireless Systems

Name: Oscar Frau

Product: Radio Module L2 DOD

Title: Project Handler

FCC ID: XS5-RML2BDOD

Signature:



MPE limits (§1.1310)

Mode	Frequency MHz	Duty Cycle %	Power dBm	Tolerance dB	Antenna	EIRP ^{1,4} dBm	EIRP mW	Distance cm	PD ² mW/cm ²	PD Limit ³ mW/cm ²	Margin dB	PD/PD Limit	Worst PD/PD values to be considered
					Peak Gain ⁵ dBi								
LTE DoD Band	3452.5	100	24,1	1	4,3	32,4 (+3dB)	1738	20	0,34572	1,000	4,61	0,34572	0,34572

¹EIRP = (Power dBm + Antenna Gain dBi) + 10 x Log (Duty Cycle % / 100)

²PD = EIRP / (4πD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁴+3dB considering MIMO mode

⁵See Operational Description