

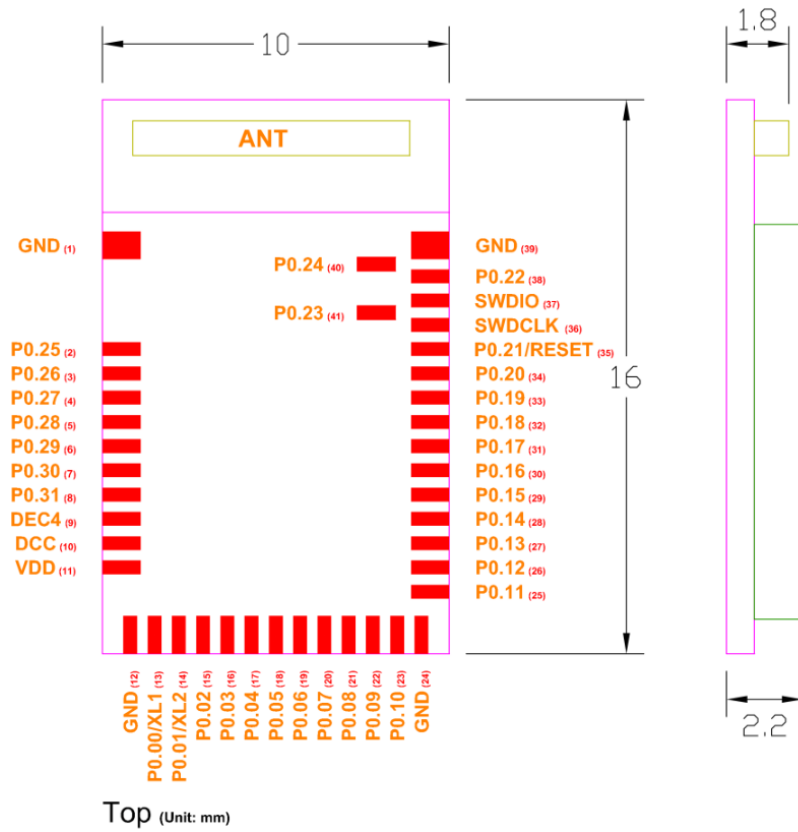
Antenna specifications

產品名稱(Product): Bluetooth Low Energy Module (chip antenna)

解決方案 (Solution): Nordic nRF52832 QFN Package

產品型號 (Model No.): MDBT42Q (Chip Antenna)

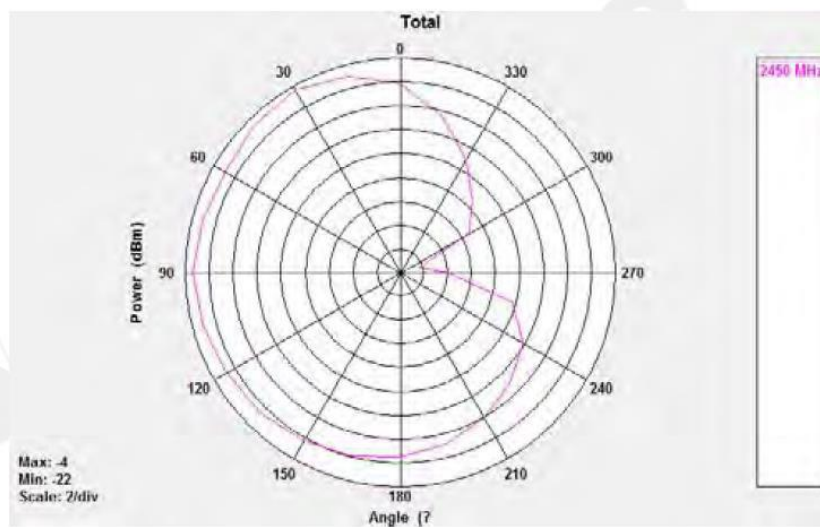
Antenna position and RF Module size



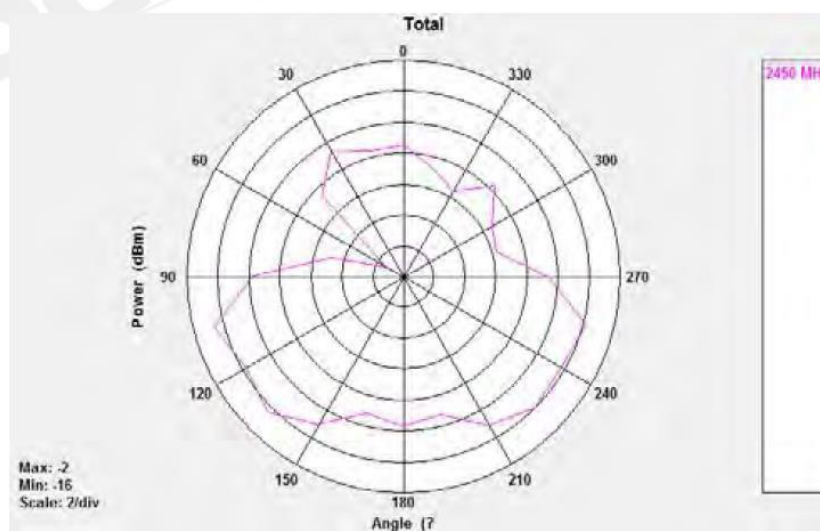
Antenna test parameters

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-3.87	-3.06	-2.31	-2.01	-2.04	-2.31	-2.24	-1.96	-1.61	-1.71	-1.97
Peak EIRP (dBm)	-3.87	-3.06	-2.31	-2.01	-2.04	-2.31	-2.24	-1.96	-1.61	-1.71	-1.97
Directivity (dBi)	3.79	4.00	4.25	4.17	3.86	3.51	3.54	3.91	4.39	4.44	4.49

Free Space EIRP (2450 MHz) – XY cut



Free Space EIRP (2450 MHz) – XZ cut



Free Space EIRP (2450 MHz) – YZ cut

