

Spec Sheet

Model name: XPD2-MDB

Product: XpassD2 BLE Antenna

page2 ----- ELECTRICAL SPECIFICATIONS

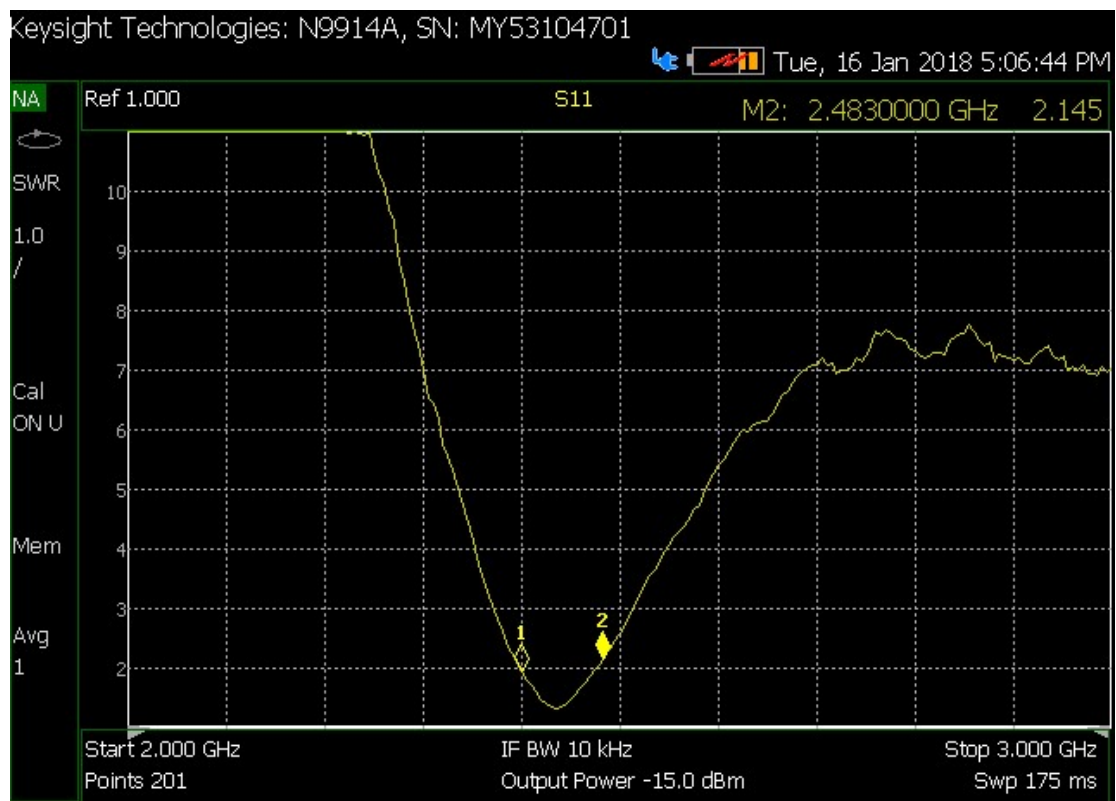
page3----- ANTENNA RADIATION PATTERN

page4 ----- MECHANICAL SPECIFICATIONS

Spec

Band	2.4GHz ISM
Frequency	2.4~2.483GHz
VSWR	≤ 2.5
Peak Gain	-8dBi
Avg Gain	-15dBi
Directivity	Directional
Polarization	Linear
Imapedance	50 Ohms
TYPE	PCB(FR4) type PIFA

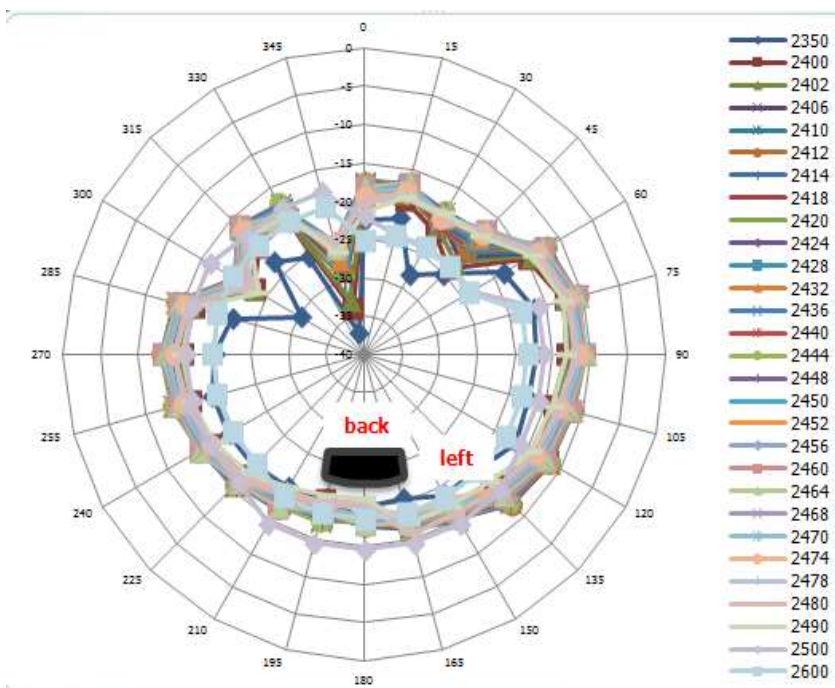
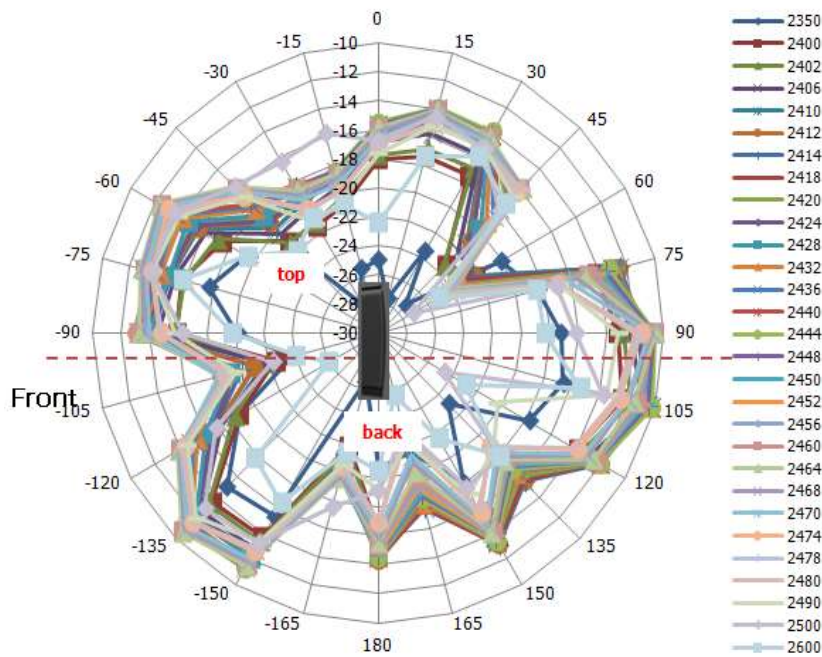
VSWR



Radiation

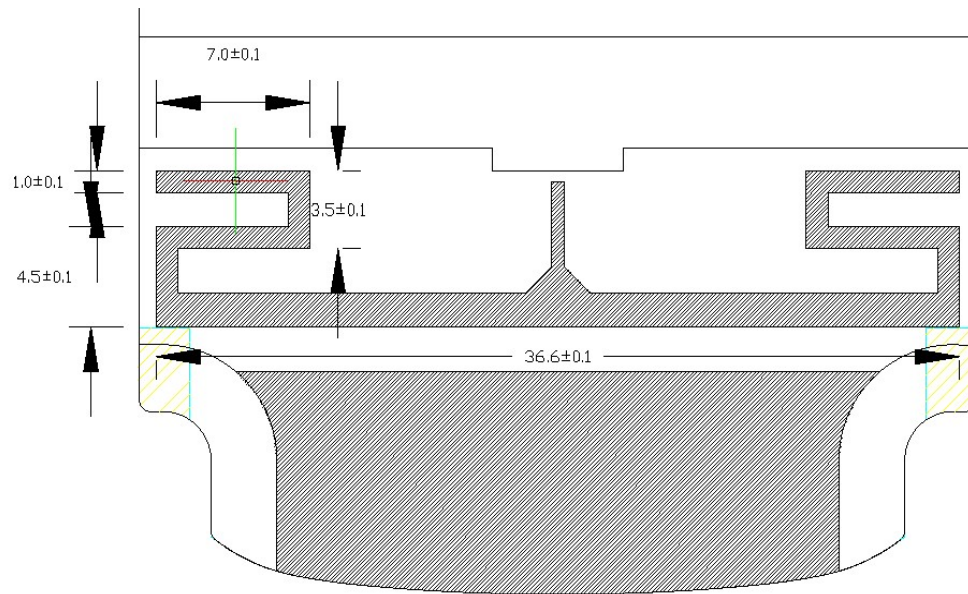
No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[MHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2400	-8.635417	150 / 150	-33.5666	75 / 15	-15.48791	3.416474
2	2425	-8.723341	90 / 285	-26.918044	165 / 90	-14.068225	3.919020
3	2450	-8.902601	135 / 105	-25.95694	60 / 15	-14.6543	3.720007
4	2475	-9.277585	135 / 105	-27.46972	60 / 15	-15.74194	2.665668
5	2500	-8.840676	135 / 105	-29.99118	90 / 30	-14.97453	3.006997

Pattern



Drawing

XPD2 BLE Antenna



Pictures

