

# Spec Sheet

Model name: XP2-GDB,GDPB  
Product: XP2GDB BLE Antenna

page2 ----- ELECTRICAL SPECIFICATIONS

page3----- ANTENNA RADIATION PATTERN

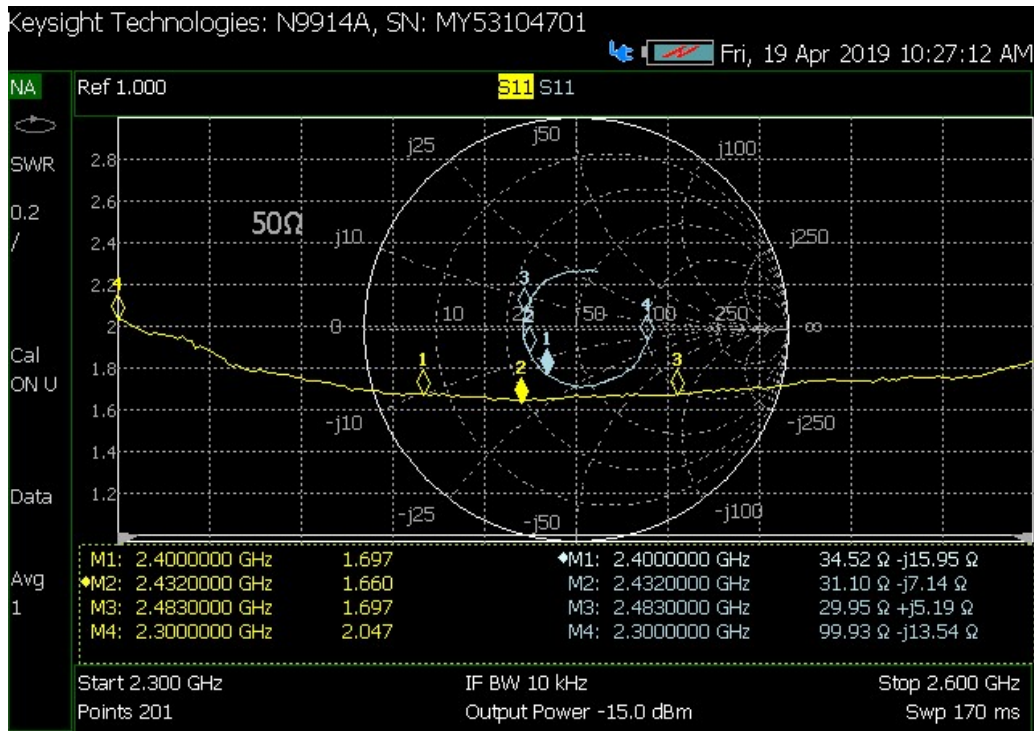
page4 ----- MECHANICAL SPECIFICATIONS

XP2-GKDPB  
BLE Antenna

Spec

Band	2.4GHz ISM
Frequency	2.4~2.483GHz
VSWR	$\leq 1.7$
Peak Gain	0.99~1.72 dBi
Avg Gain	-3.98 ~ -4.41 dBi
Directivity	Directional
Polarization	Linear
Impedance	50 Ohms
TYPE	PCB(FR4) type PIFA

VSWR

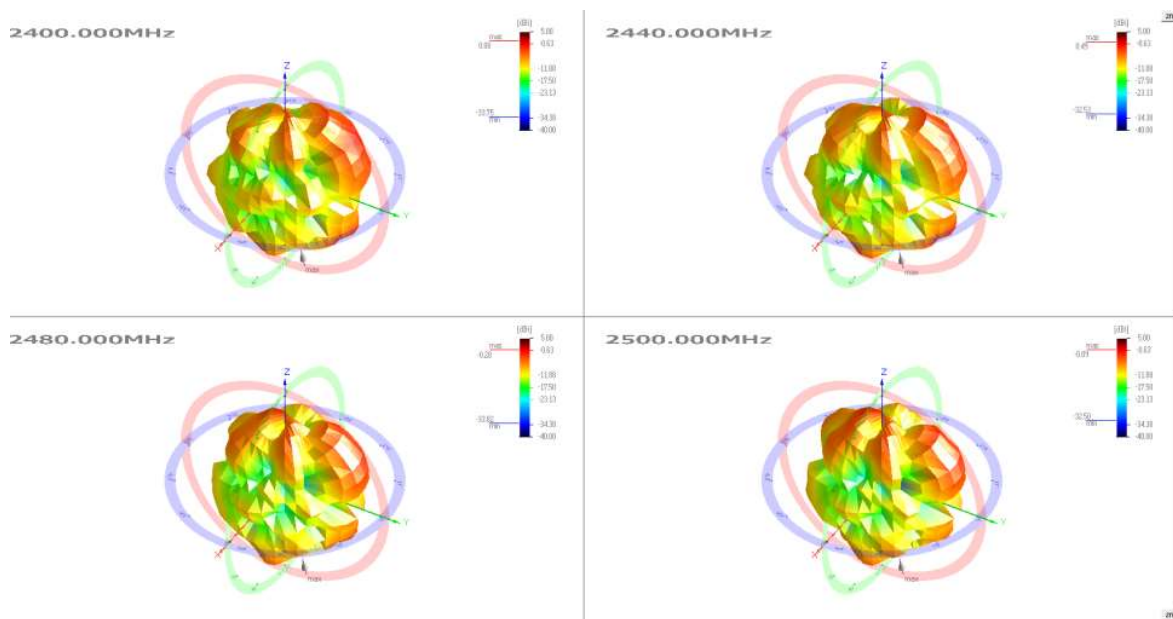


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Radiation

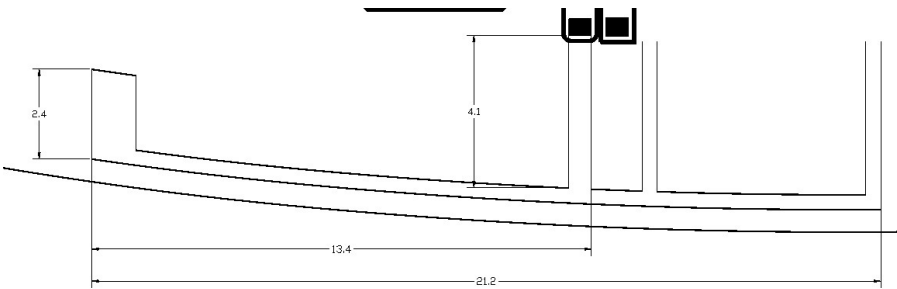
No.6	Freq.[MHz]	Theta-Pol(H)			Phi-Pol(V)			PwrSum		
		Eff.[%]	Avg.[dBi]	Peak[dBi]	Eff.[%]	Avg.[dBi]	Peak[dBi]	Eff.[%]	Avg.[dBi]	Peak[dBi]
1	2300	12.49	-9.03	0.72	26.33	-5.8	0.51	38.82	-4.11	2.91
2	2350	12.92	-8.89	0.64	25.21	-5.98	0.45	38.13	-4.19	2.68
3	2400	13.14	-8.81	0.88	26.85	-5.71	0.75	39.99	-3.98	2.61
4	2440	13.36	-8.74	0.49	26.44	-5.78	0.37	39.8	-4	1.94
5	2480	12.49	-9.03	-0.28	23.74	-6.24	-0.82	36.23	-4.41	1.06

Pattern



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Drawing



Pictures

