

PASCE Ltd
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PASCE Ltd would like to present the following information regarding the MRBT4 Antenna specification

Brand Name	MINIRIG MRS4
Product Description	Minirig Portable Bluetooth Subwoofer
Frequency range	2.40 – 2.485Mhz
BTM Output Power	+10dBm (10mW)
Modulation:	BT classic / BLE $\pi/4$ -DQPSK and 8DPSK
Antenna Type	1/2 λ slot PCB Antenna
Antenna manufacturer	PASCE Ltd
Antenna Gain	+1.88dBi (max)
Antenna model	V1

Antenna measurement data

Frequency	Gain . dBi	Efficiency	Efficiency . dB
2400000000	1.88	50%	-2.99
2410000000	1.49	49%	-3.13
2420000000	1.40	49%	-3.10
2430000000	1.34	49%	-3.06
2440000000	1.33	49%	-3.11
2450000000	1.04	46%	-3.34
2460000000	0.53	40%	-3.96
2470000000	0.36	38%	-4.18
2480000000	-0.10	34%	-4.65
2490000000	-1.05	27%	-5.66
2500000000	-0.93	27%	-5.61

Please do not hesitate to contact the Undersigned should you require additional information or have any questions.

Yours Truly,

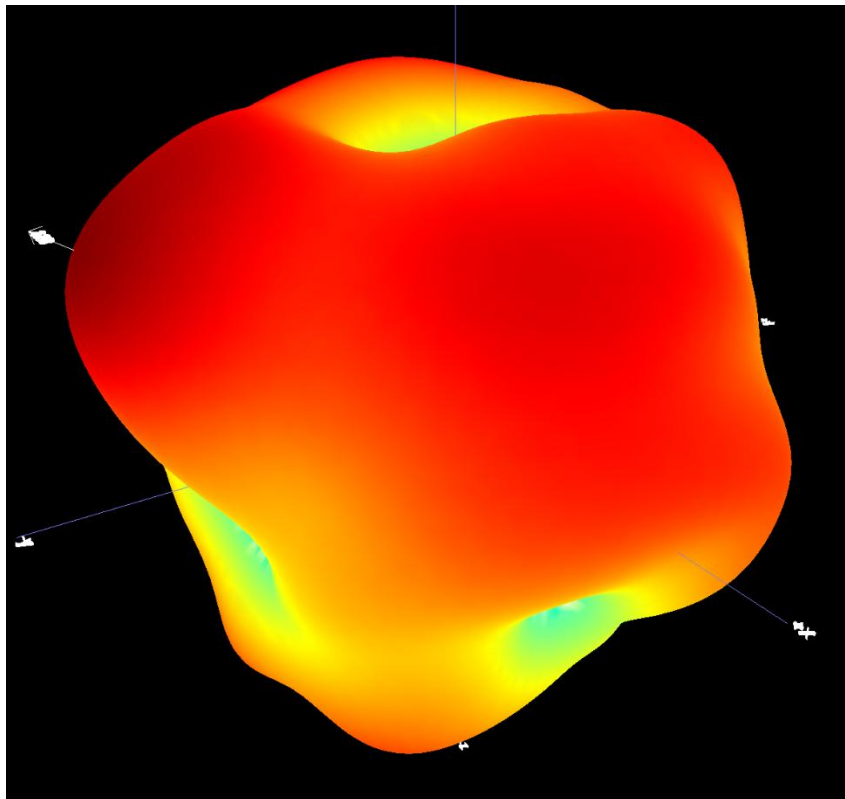
David Trotter Director

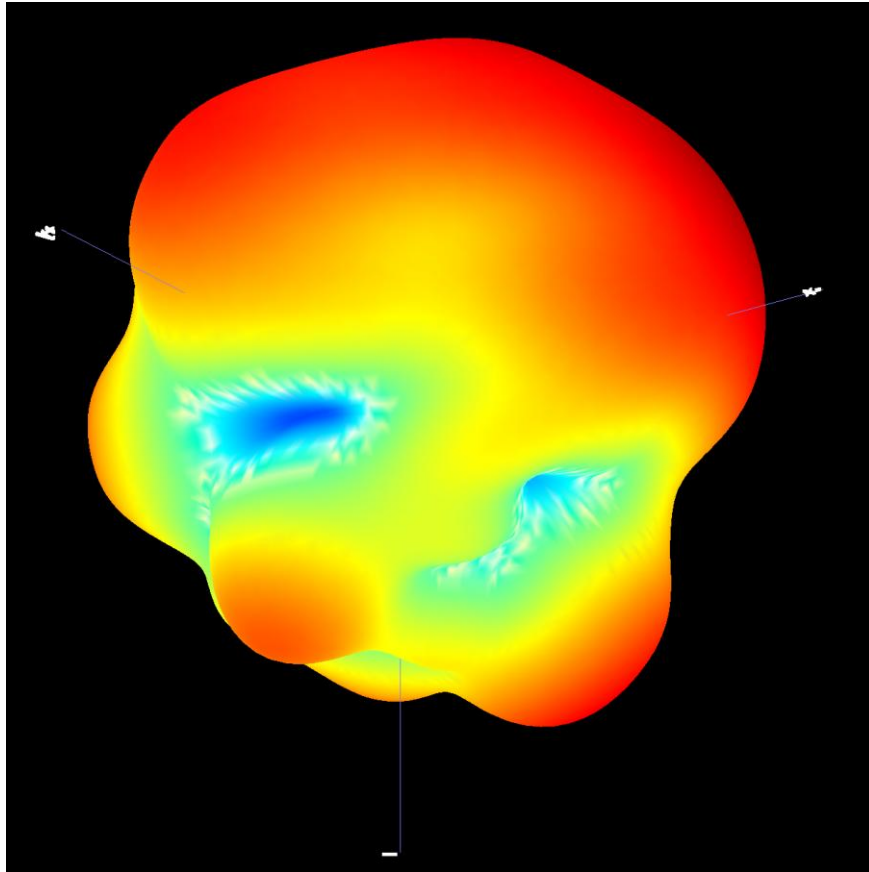
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Antenna test setup photograph



Polar plots





Reference Coordinate System

