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### ELECTRICAL CHARACTERISTICS

Frequency :	2.4-2.485	GHz
Nominal Impedance :	50	Ω
VSWR <sup>(1)</sup> :	2:1	Max.
Gain (Overall Gain) <sup>(1)</sup> :	2	dBi
Antenna Peak Gain <sup>(1)</sup> :	3.5	dBi

Polarization :	LINEAR VERTICAL
Radiation Pattern :	OMNIDIRECTIONAL

Power withstanding :	1	W
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Connector Type :	Reverse SMA Male	Gold plated
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<sup>(1)</sup> Measured on handheld metal chassis (176 x 64 x 43 mm).

### MECHANICAL CHARACTERISTICS

Radome material :	HYTREL G 3548 L	
Color :	BLACK	
Ingress Protection :	IP 54	
Weight :	10.2	g
Dimensions : (Length, Diameter)	61.1 x ø14.5	mm
Flexibility :	100	Cycles ±180°
Pull Force :	68	N
Torque Resistance :	18	N.cm
Flammability :	UL94-HB	
Drop test resistance :	5 ft drop to concrete (x30) mounted of a 800 g handheld terminal	

### ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	-20/+50	° C
Storage temperature :	-40/+70	° C
RoHS & REACH	See <a href="http://radiall.com/rohs">radiall.com/rohs</a>	
WEEE	N/A	

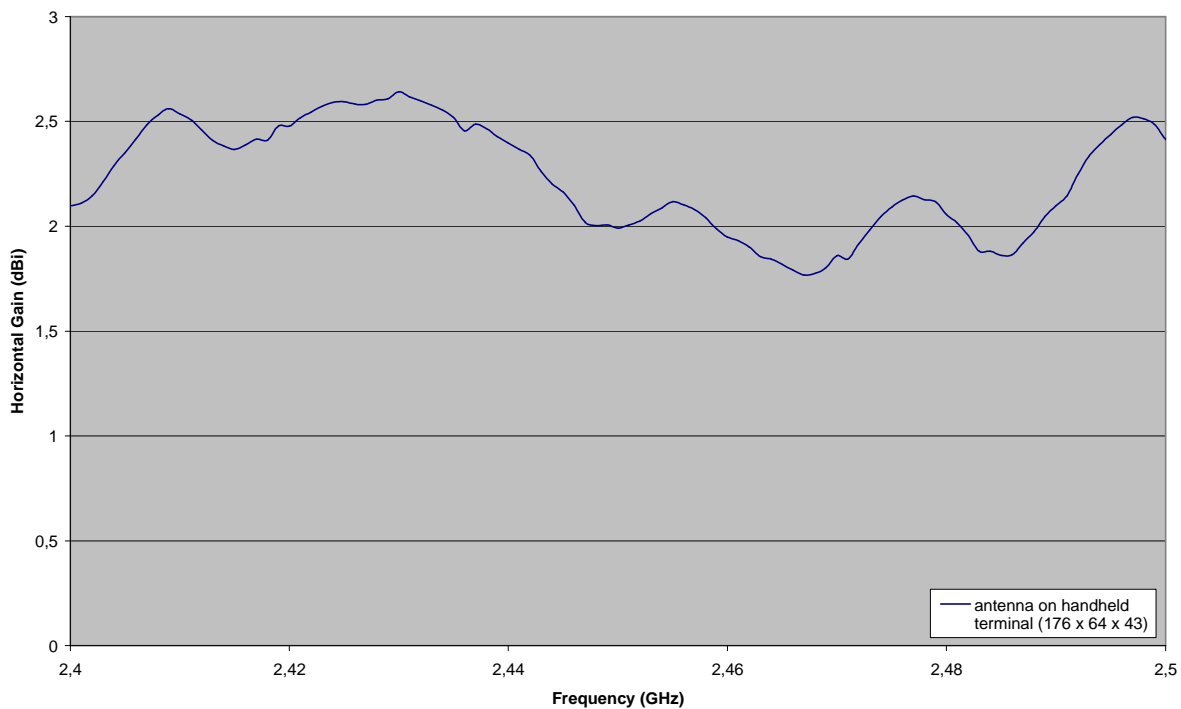
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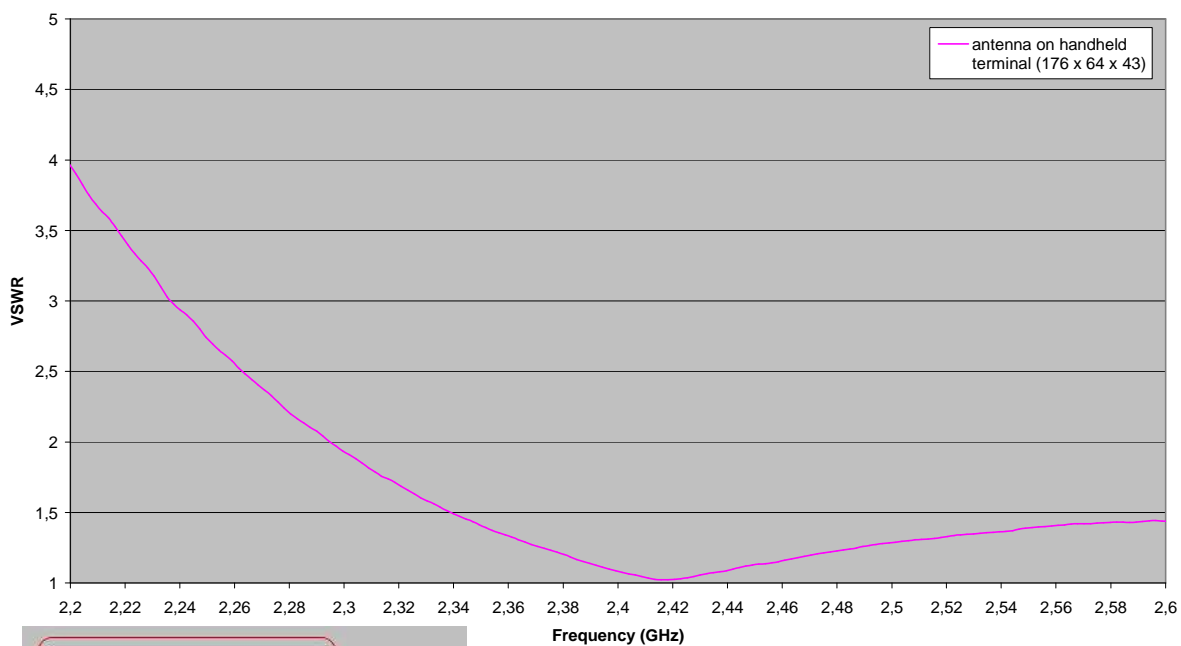
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ELECTRICAL DATA

ANTENNA GAIN in HORIZONTAL PLANE



VSWR



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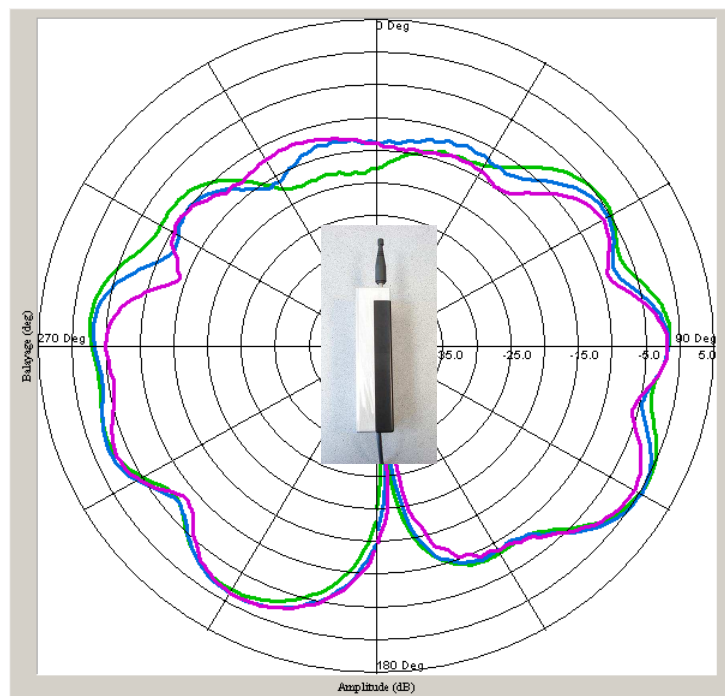
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## RADIATION PATTERNS



(Normalized plots)

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