

PAGE 1/4

ISSUE 01-04-21A

SERIES  
ANTENNALEICA GEOSYSTEMS PART NUMBER **762858****Leica Geosystems  
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Note: Components can get changed  
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PAGE 2/4

ISSUE 01-04-21A

SERIES  
**ANTENNA**LEICA GEOSYSTEMS PART NUMBER **762858****ELECTRICAL CHARACTERISTICS**

Frequency :	<b>2.4-2.485</b>	GHz
Nominal Impedance :	<b>50</b>	Ω
VSWR <sup>(1)</sup> :	<b>2:1</b>	Max.
Gain (Overall Gain) <sup>(1)</sup> :	<b>2</b>	dBi
Antenna Peak Gain <sup>(1)</sup> :	<b>3.5</b>	dBi
Polarization :	<b>LINEAR VERTICAL</b>	
Radiation Pattern :	<b>OMNIDIRECTIONAL</b>	
Power withstanding :	<b>1</b>	W
Connector Type :	<b>Reverse SMA Male</b>	Gold plated

<sup>(1)</sup> Measured on handheld metal chassis (176 x 64 x 43 mm).**MECHANICAL CHARACTERISTICS**

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

**ENVIRONMENTAL CHARACTERISTICS**

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

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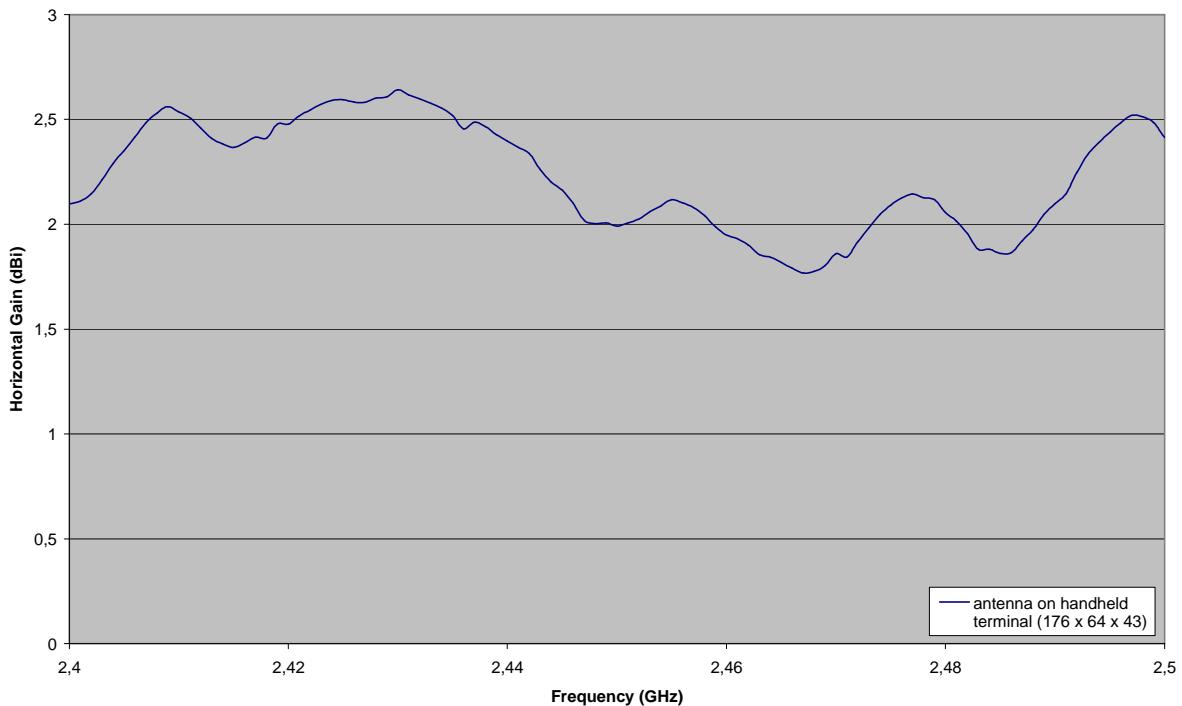
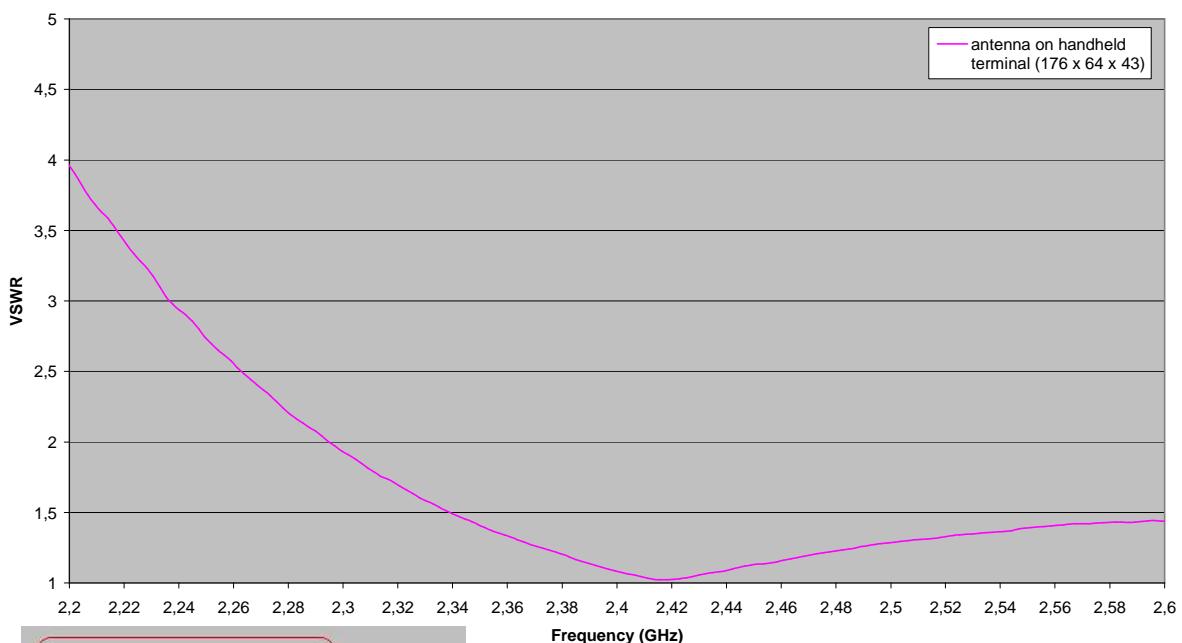
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PAGE 3/4

ISSUE 01-04-21A

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ANTENNA

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ELECTRICAL DATAANTENNA GAIN in HORIZONTAL PLANEVSWR

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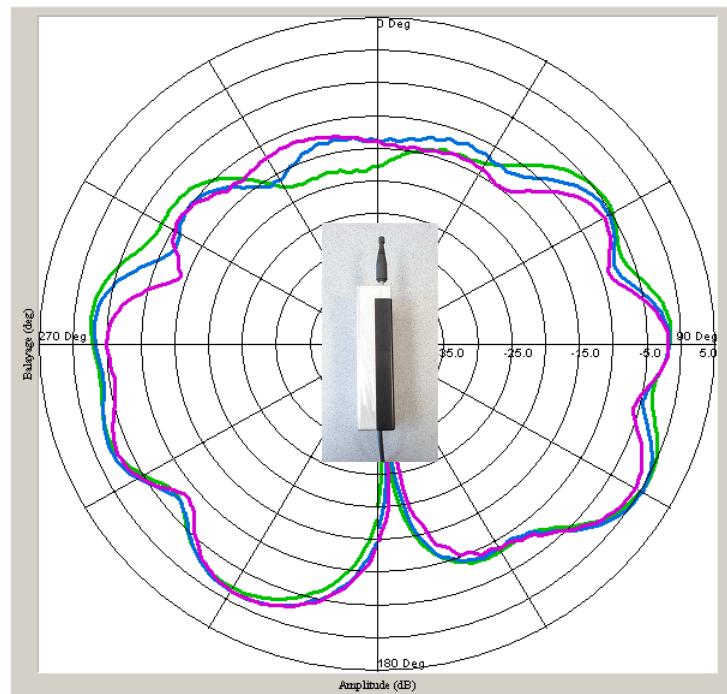
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PAGE 4/4

ISSUE 01-04-21A

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## RADIATION PATTERNS



(Normalized plots)

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