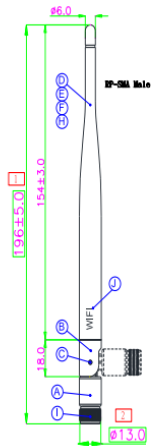


PR1URF51 Antenna report



Item	Specification
Working Frequency Range	2400 ~ 2500 MHz
VSWR	2.5 max.
Gain	≤5 dBi
Impedance	50Ω
Directional Characteristics	Omni-directional
Polarization Characteristic	Linear Vertical

Gain Table

Antenna			
Frequency(MHz)	2400	2450	2500
Peak Gain (dBi)	2.71	2.91	2.72
Efficiency(%)	70.87	75.98	69.24

TELTONIKA NETWORKS UAB
K. Barsausko st. 66, LT-51436
Kaunas, Lithuania

Registration code 305579419
VAT number LT100013223510

Swedbank AB
LT78 7300 0101 6274 0111
S.W.I.F.T. HABALT22

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5. Performance Report :

■ Experimental Setup



Antenna

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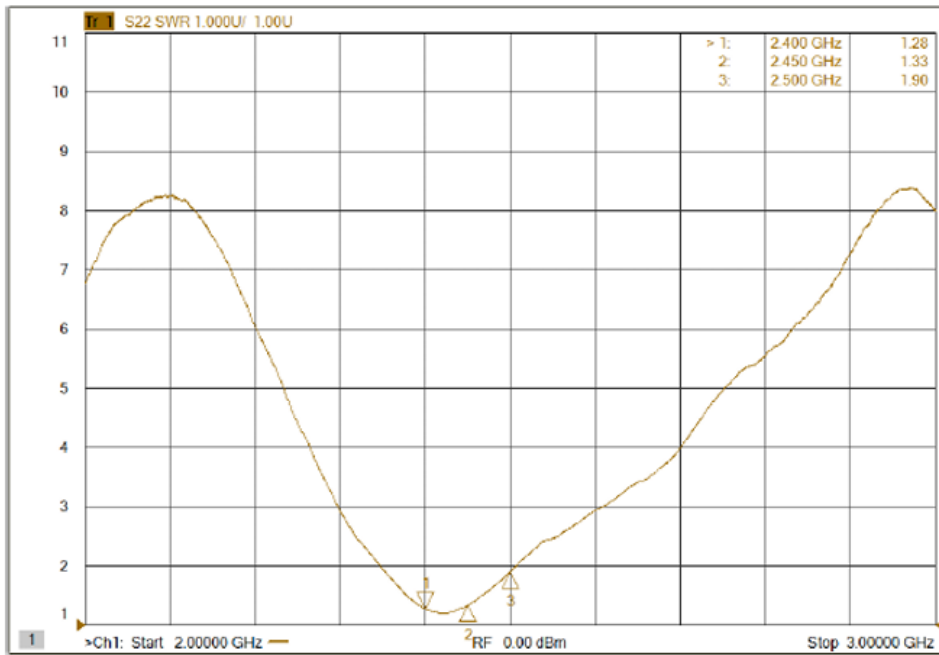
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ELECTRICAL CHARACTERISTICS

VSWR



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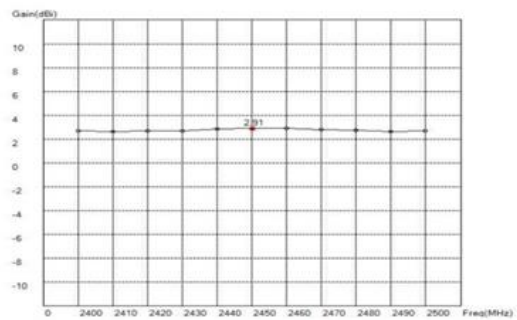
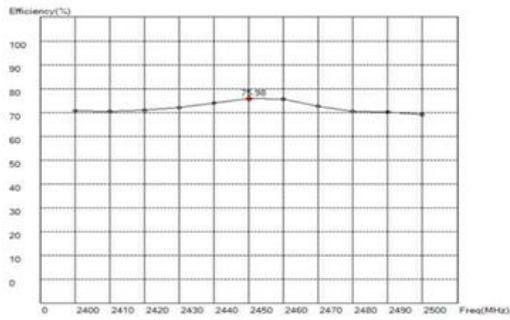
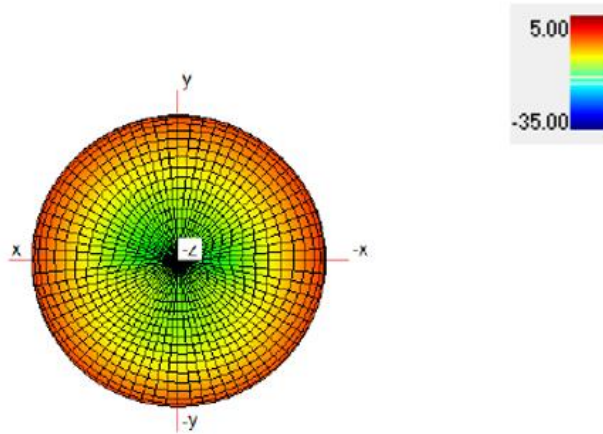
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Antenna Efficiency & Peak Gain

2450 MHz



Maximum Efficiency at 2450 MHz : 75.98%

Maximum Peak Gain at 2450 MHz : 2.91 dBi

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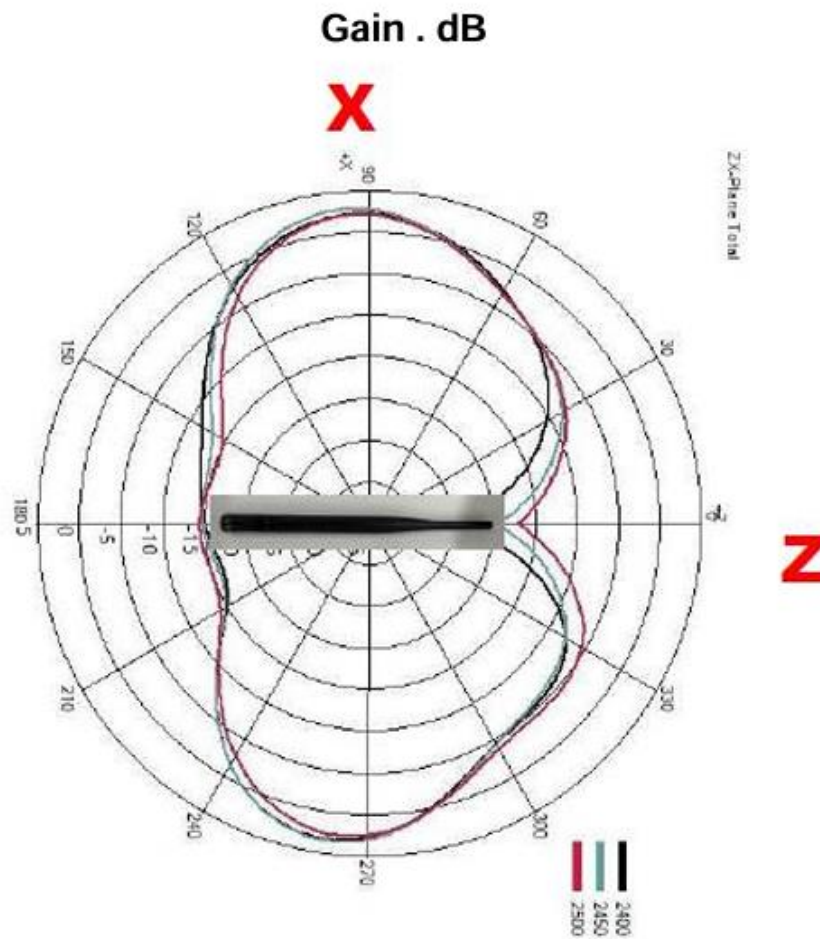
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RADIATION PATTERN

X-Z Plane

Phi=0.00deg



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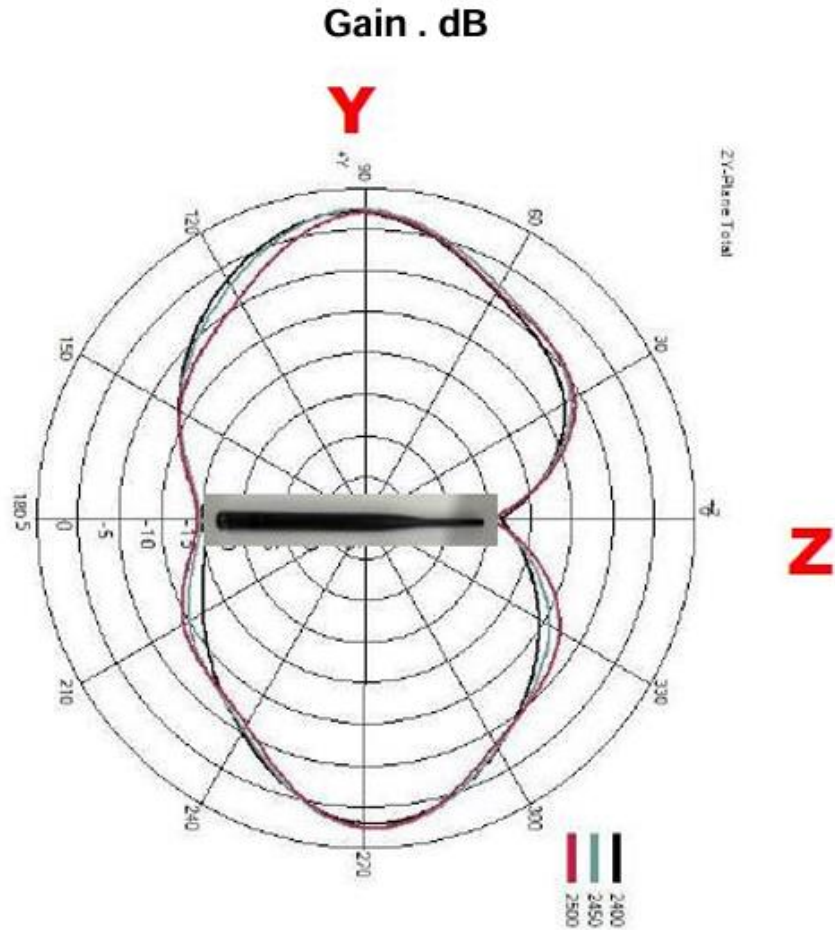
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Y-Z Plane

Phi=90.00deg



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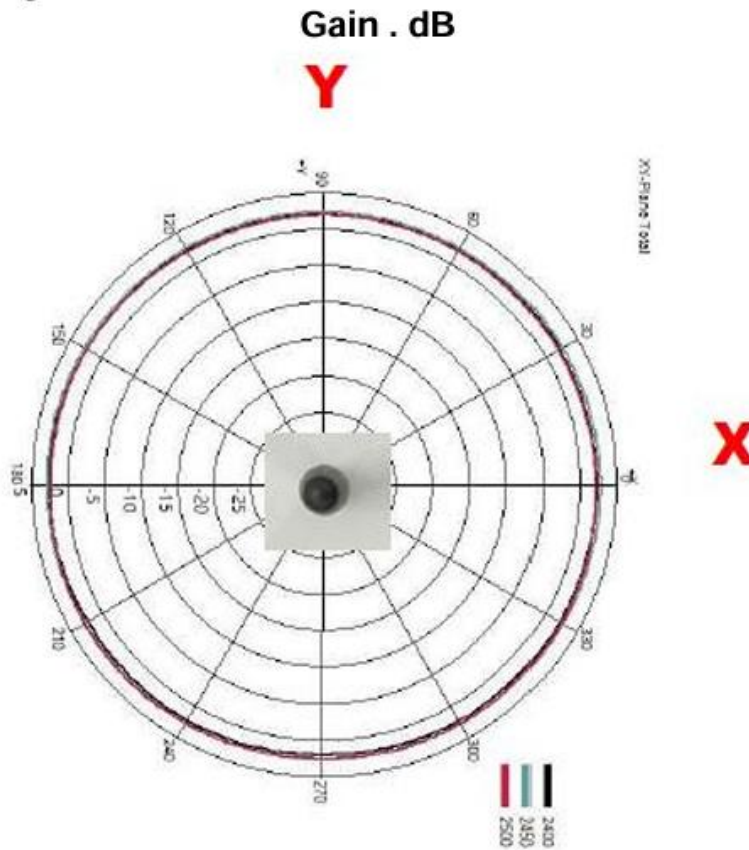
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X-Y Plane

Theta=90.00deg



	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]
2400	2.71	2.28	2.15	-3.23	2.71	-2.91
2450	2.91	2.67	2.53	-2.92	2.91	-2.67
2500	2.72	2.38	2.45	-3.26	2.42	-3.09

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