

5GHz Antenna Datasheet

16th of January, 2024

Kaunas

Manufacturer:

TELTONIKA NETWORKS, UAB

Manufacturer Address:

K. Barsausko st. 66, LT-51436, Kaunas, Lithuania

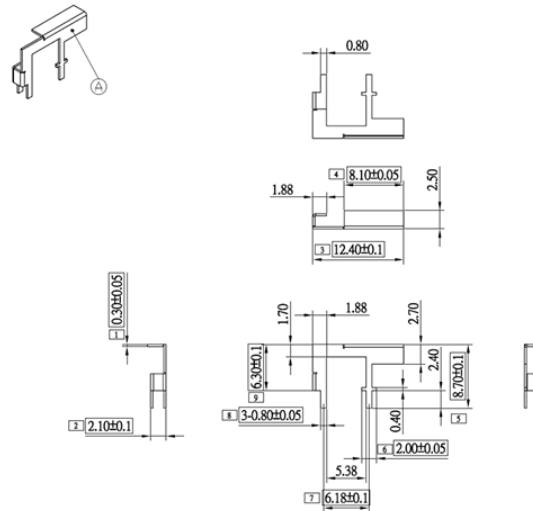
Product Name:

TAP200 5GHz Antenna

ELECTRICAL

Frequency:

5.15~5.85 GHz



ELECTRICAL CHARACTERISTICS

Item	Specification
Working Frequency Range	5.15~5.85 GHz
Return Loss	-10dB(Max)
VSWR	2 max.
Peak Gain	5.02 dBi
Polarization	Linear Vertical
Radiation Pattern	Directional
Impedance	50Ω
Operation Temperature	-20℃ ~ +65℃

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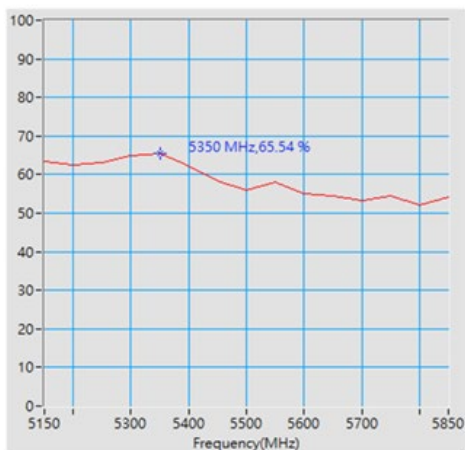
Registration code 305579419
VAT number LT100013223510

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

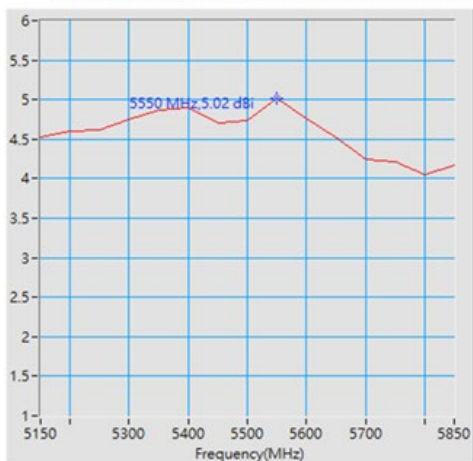
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Antenna Efficiency and Peak Gain 5150~5850 MHz



Maximum Efficiency at 5350 MHz : 65.54 %



Maximum Peak Gain at 5550 MHz : 5.02 dBi

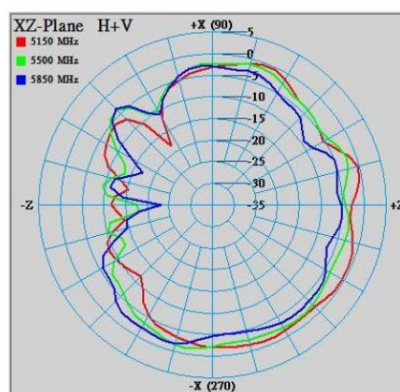
RADIATION PATTERN

5150~5850 MHz

X-Z Plane

Phi=0.00deg

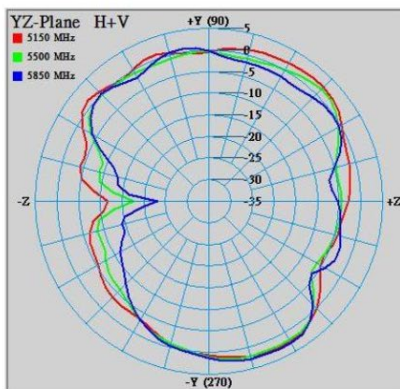
Gain . dB



Y-Z Plane

Phi=90.00deg

Gain . dB



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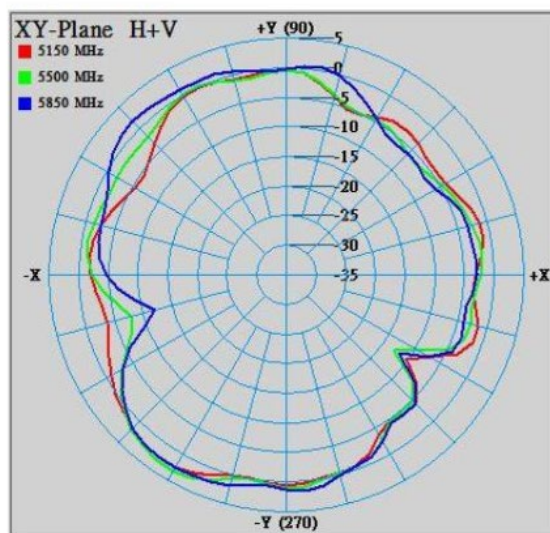
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X-Y Plane

Theta=90.00deg

Gain . dB



	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
5150	-0.36	-3.70	2.51	-0.67	2.64	-1.59
5500	-1.27	-4.06	2.12	-1.60	3.26	-1.54
5850	-1.68	-5.14	2.78	-1.77	2.54	-1.15

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