



Datasheet

ET510

5G NR Terminal Antenna

Datasheet v1.0

Specification subject to change without notice



1.0 Specification

1.1 Electrical

Frequency	617 – 960MHz 1710 – 2690MHz 3300 - 3800MHz
Impedance	50 Ohms
Polarization	Linear
Gain	3 dBi Typ
VSWR	< 3.0

1.2 Connection

Connector	SMA / RP SMA Male
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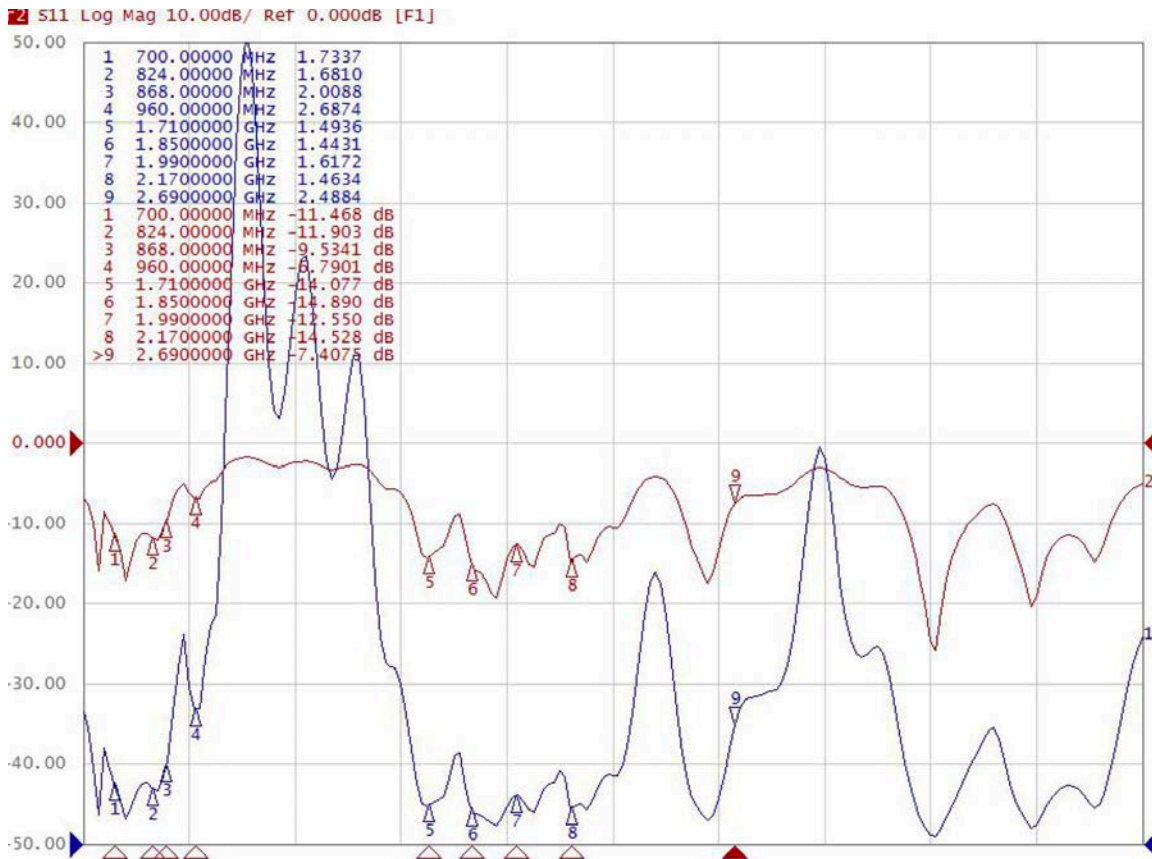
1.3 Mechanical

Material	ABS
Colour	Black
Dimensions	198mm x 13mm

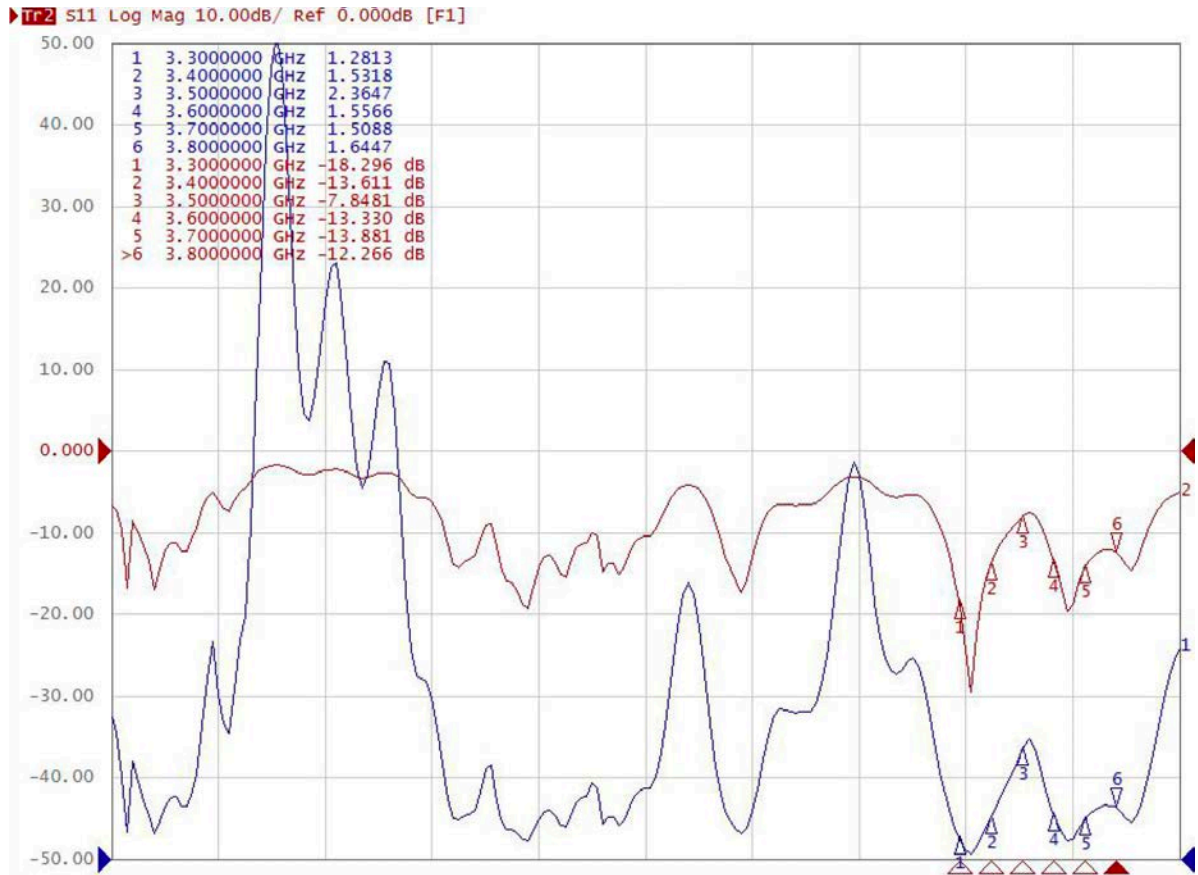
1.3 RF - Gain / Efficiency

Frequency (MHz)	Gain (dBi)	Efficiency (%)
689	-1.79	41.95
824	-1.99	24.61
868	-2.85	16.20
960	-2.43	15.52
1710	-0.05	49.87
1850	1.01	52.63
1990	1.72	31.44
2170	-0.08	24.28
2690	0.5	43.00
3300	0.95	40.31
3400	0.91	30.87
3500	1.45	23.03
3600	1.09	21.46
3700	0.81	26.38
3800	3.16	42.85

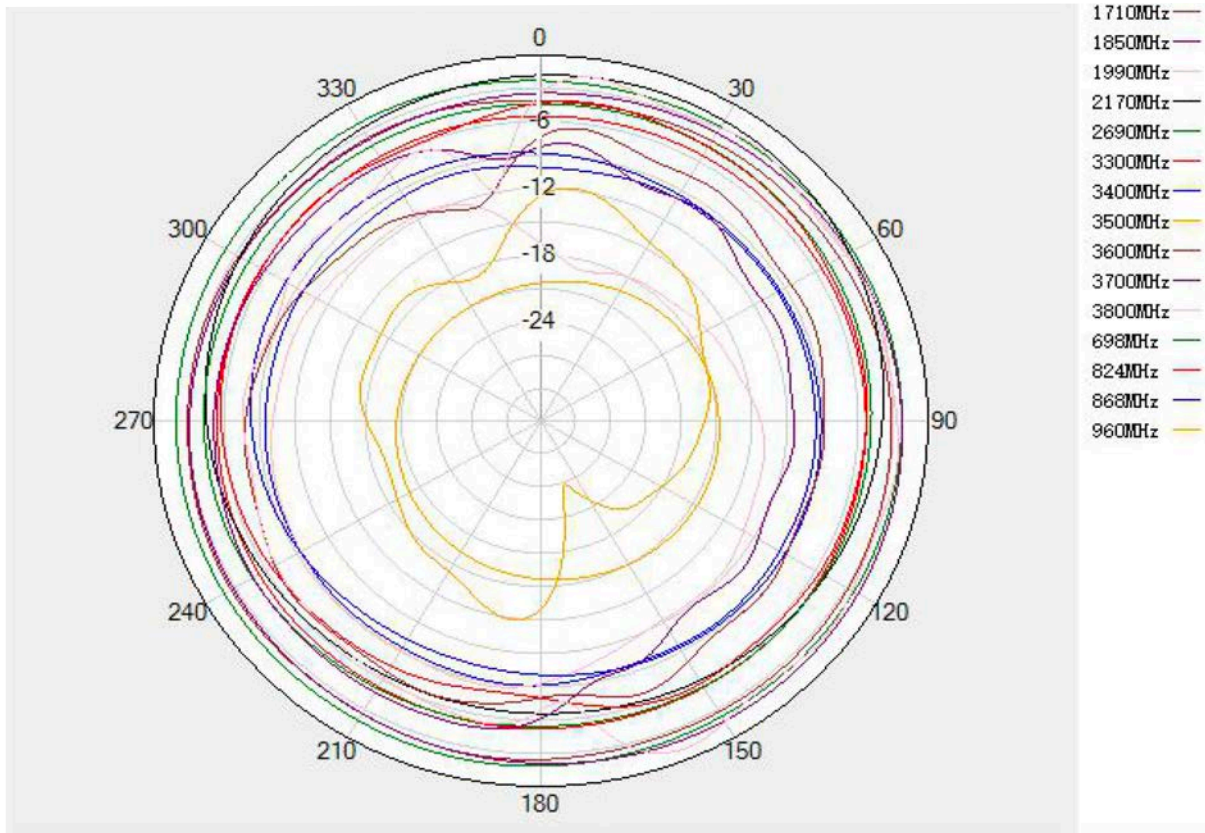
1.4 RF - Return Loss



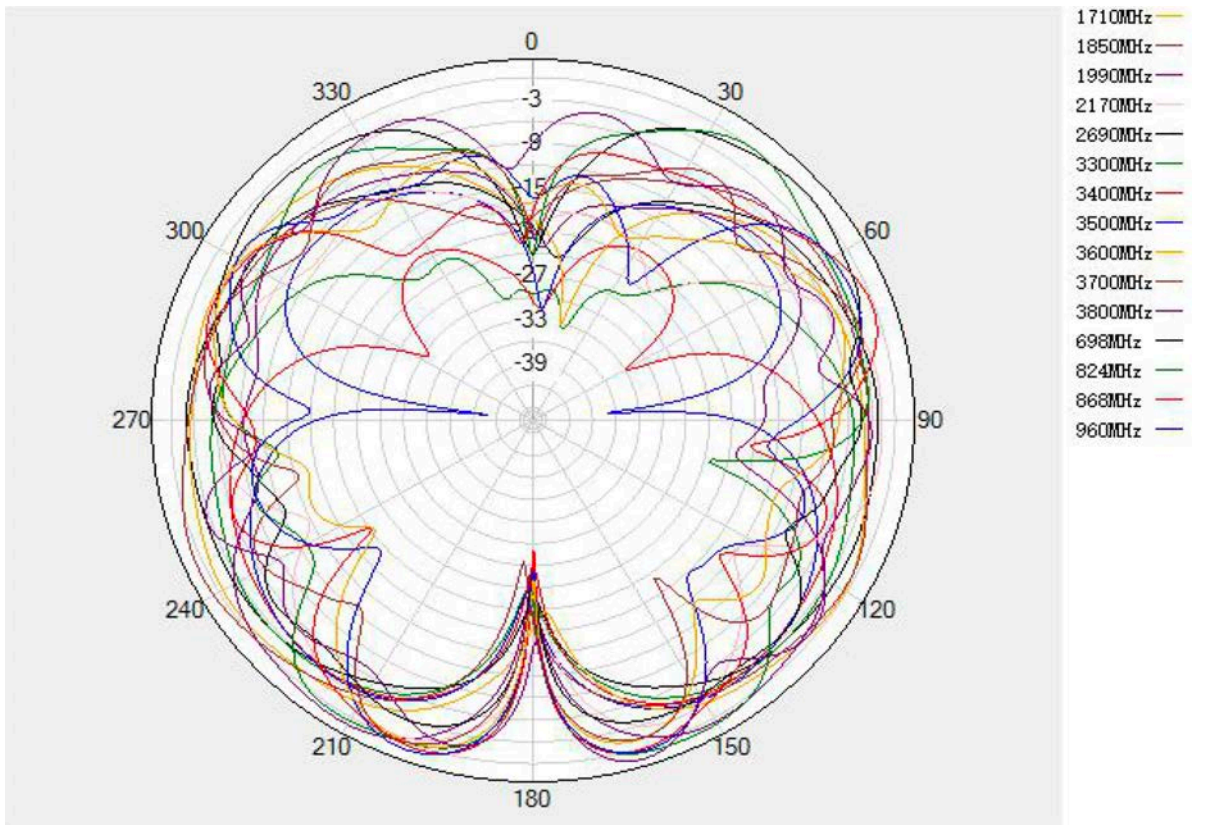
1.5 RF - VSWR



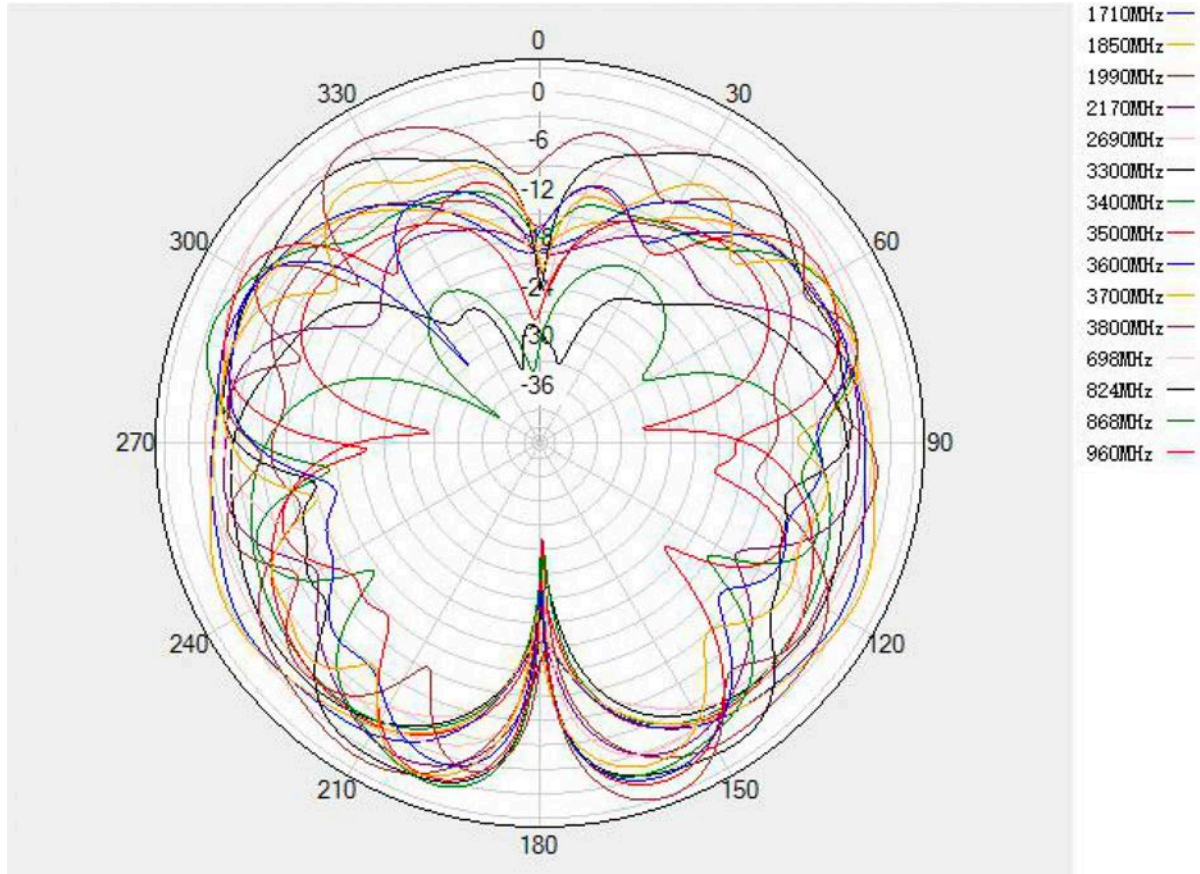
1.6 RF - Radiation Plot - XY



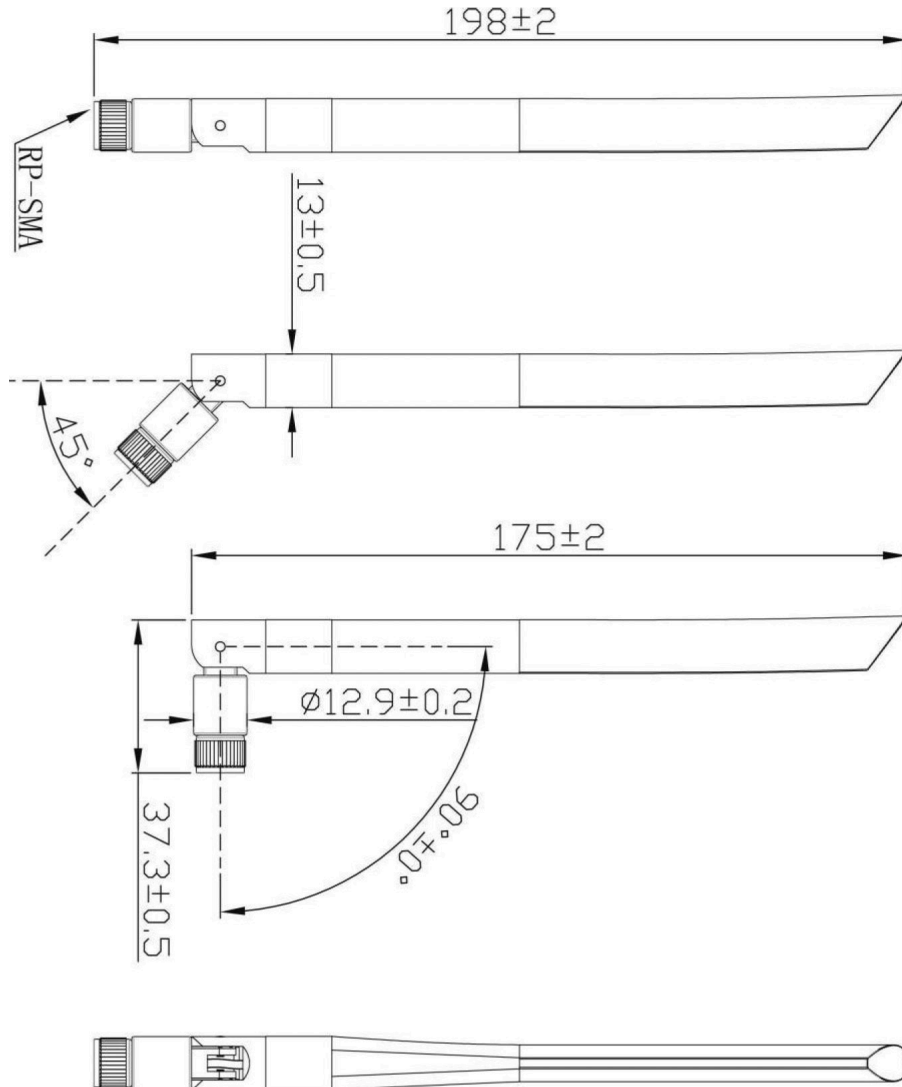
1.7 RF - Radiation Plot - XZ



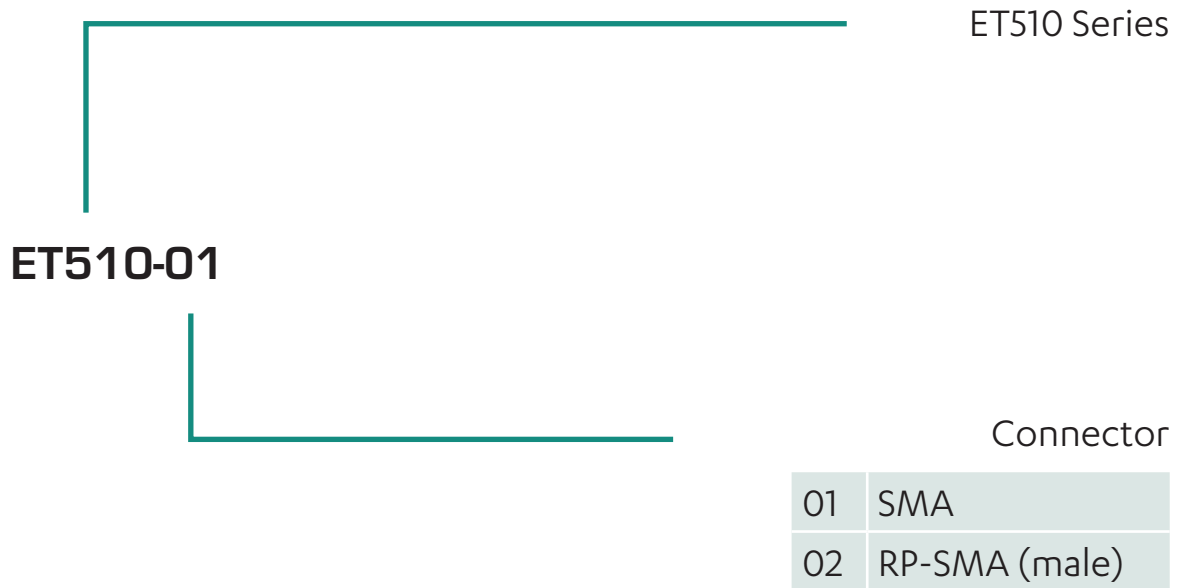
1.8 RF - Radiation Plot - Y



2.0 Mechanical Drawing



Dimensions in mm





Revision History
1.0 - Initial Release

www.xgenrf.com