

X4F103 Directional Antenna

TX Details

Antenna Datasheet **By Novelda AS**
Revision 1.0

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1 TX Antenna Characteristics

Characteristic	
Antenna Type	Directional Patch
PCB Revision	1.3
Dimensions	12.00 x 12.00 x 2.26 mm (PCB with solder balls)
Gain	-0.27 dBi
Center frequency	7.5 GHz
Nominal -10dB bandwidth	2.2 GHz
Input impedance	100 Ω differential
Polarization	Linear

Top view:



Bottom view:



**the whole back
side of the
module's PCB is
the antenna**

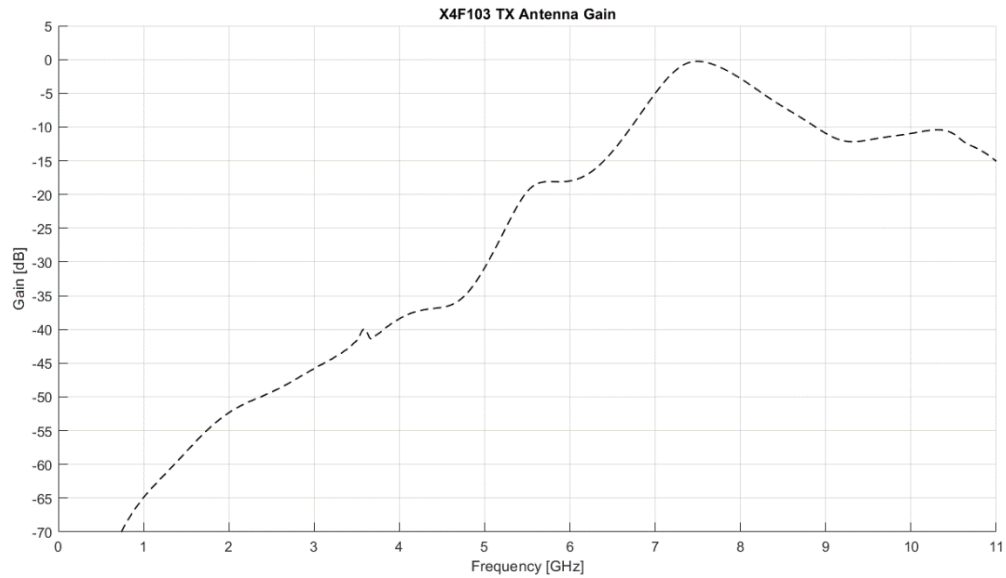


Figure 1. X4F103 boresight gain

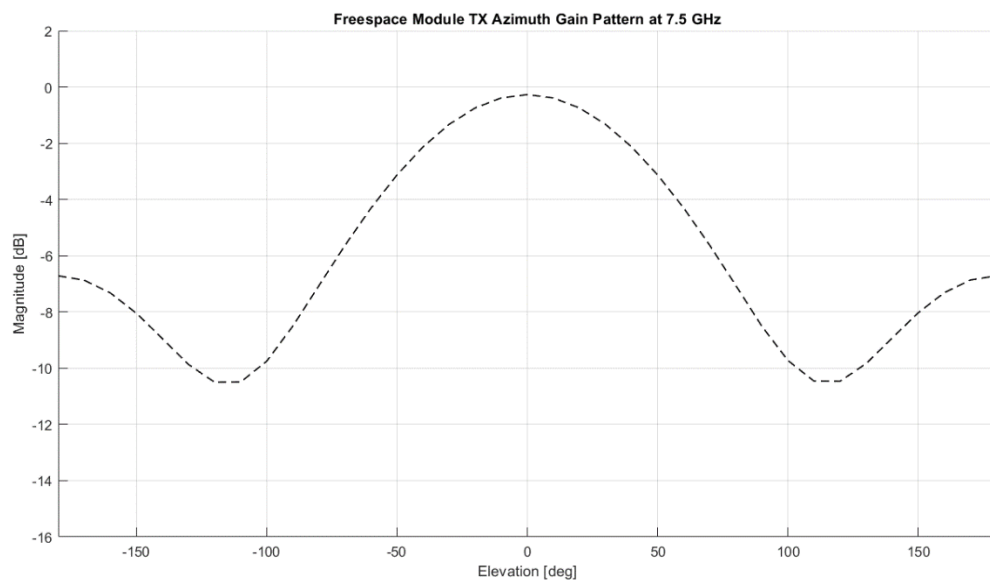


Figure 2. X4F103 TX azimuth gain.

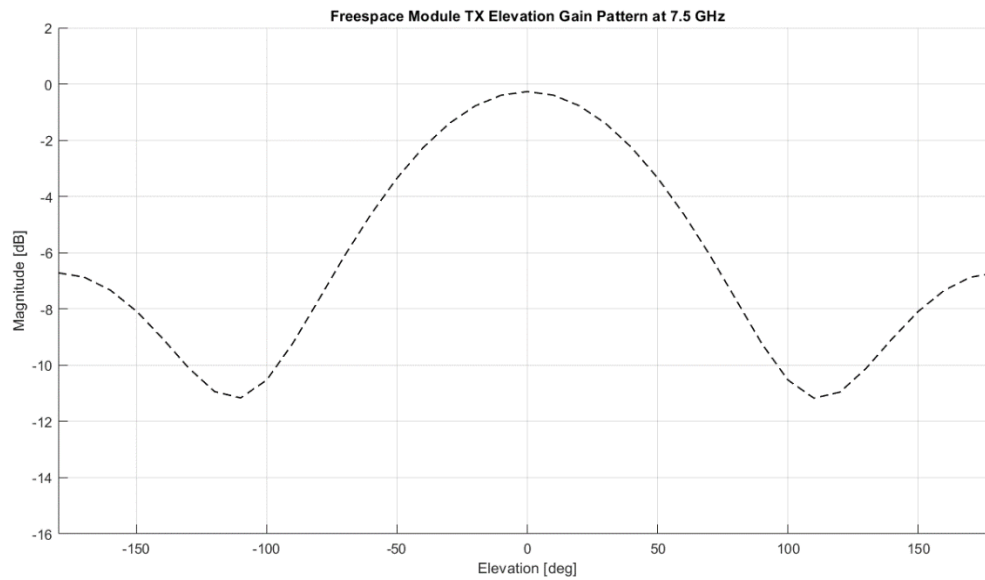


Figure 3. X4F103 TX elevation gain.



2 Document History

<u>Revision</u>	<u>Approved By</u>	<u>Release Date</u>	<u>Changes</u>