

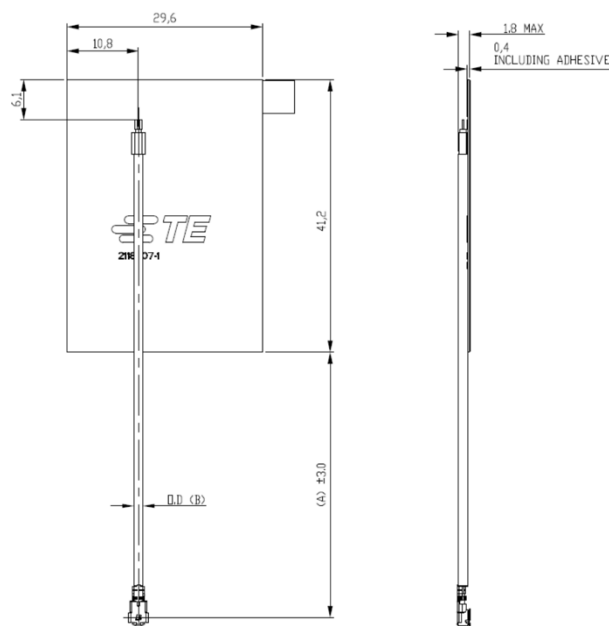
9. Antenna Information

Photos, Datasheet, pattern, gain, dimensions

The nofio-Index product utilizes two TE-2118907-9 antennas on both the transmitter and receiver devices. The system utilizes the 6Ghz spectrum only, and all channels that are allowed as per each region regulatory rules. The average gain varies per channel, however, as listed in the spec sheet this antenna model has a gain average of -1.4dBi in the 6Ghz spectrum.

Dimensions

Here are the TE-2118907-9 antenna dimensions according to the datasheet.



Dimensions: mm
Diagram is not to scale

Figure 1: antenna dimensions



Figure 2: antennas photo

Pattern

Here are the patterns for the 6Ghz spectrum in yellow. The measurements are in free space, as stated in the datasheet.

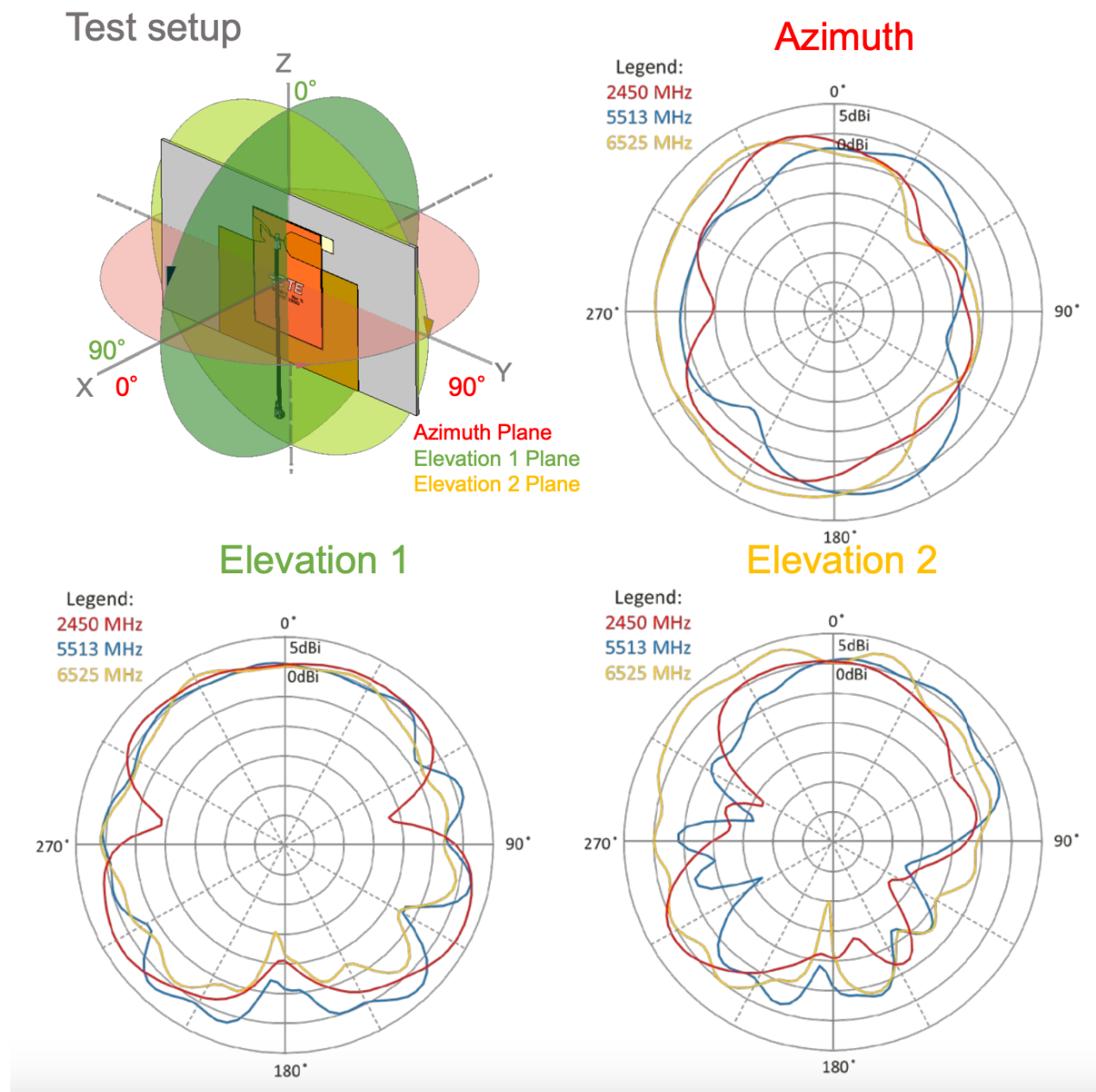


Figure 3: Radiation pattern. 6Ghz in yellow.

Antenna Gain

Here are the **antenna gains information** for the 6Ghz spectrum:

Frequency Range (MHz)	5925-7125
Average Gain	-1.4dBi
Peak Gain	3.5 dBi

Please refer to the data sheet for more information.