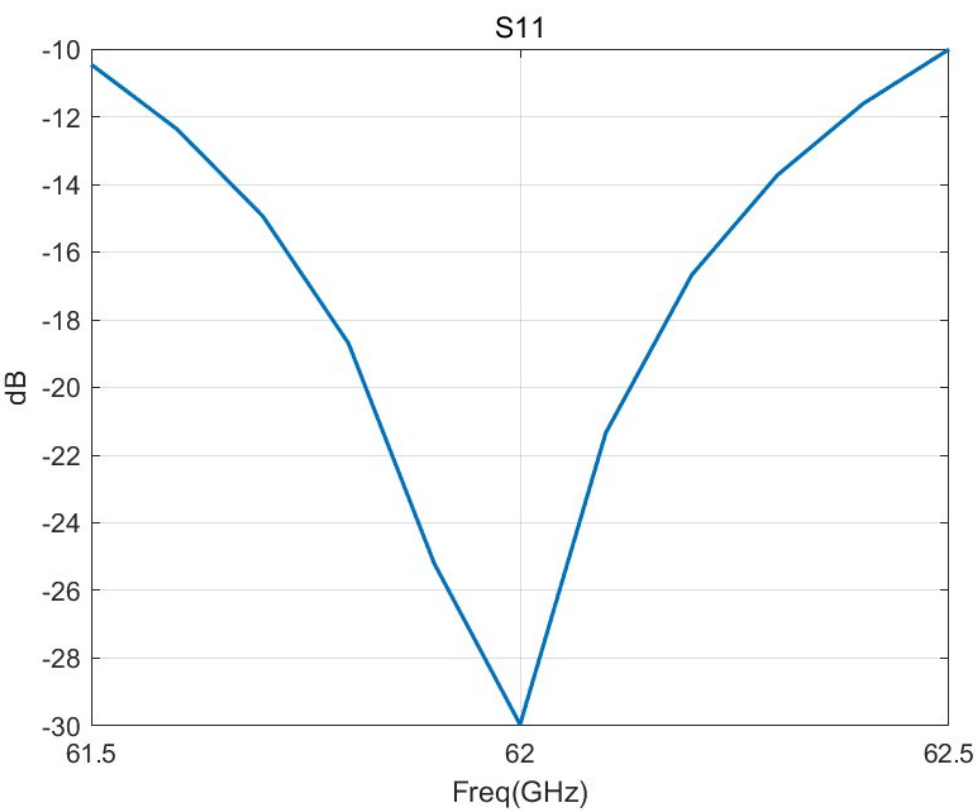
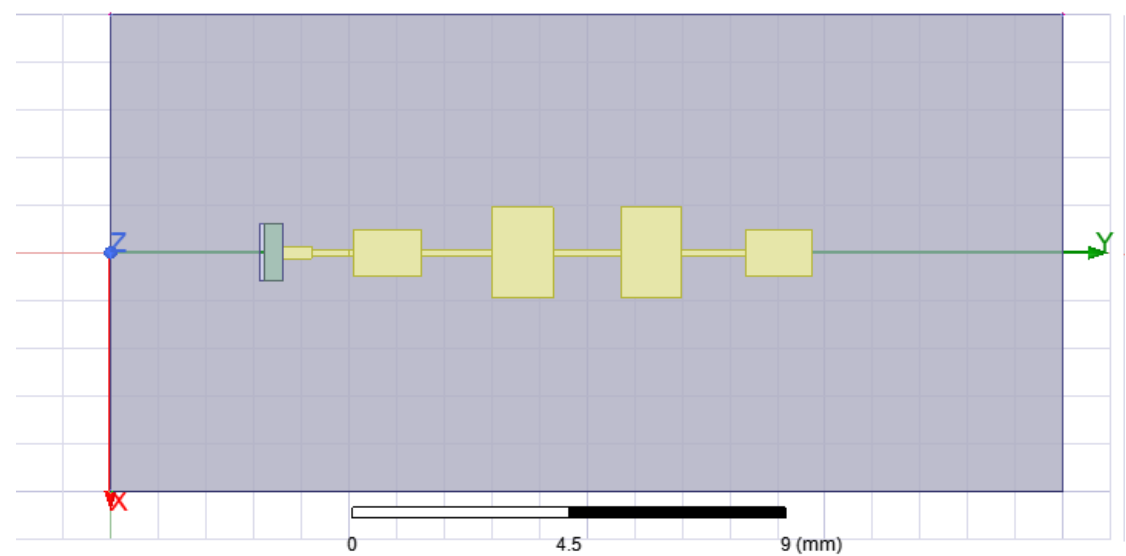


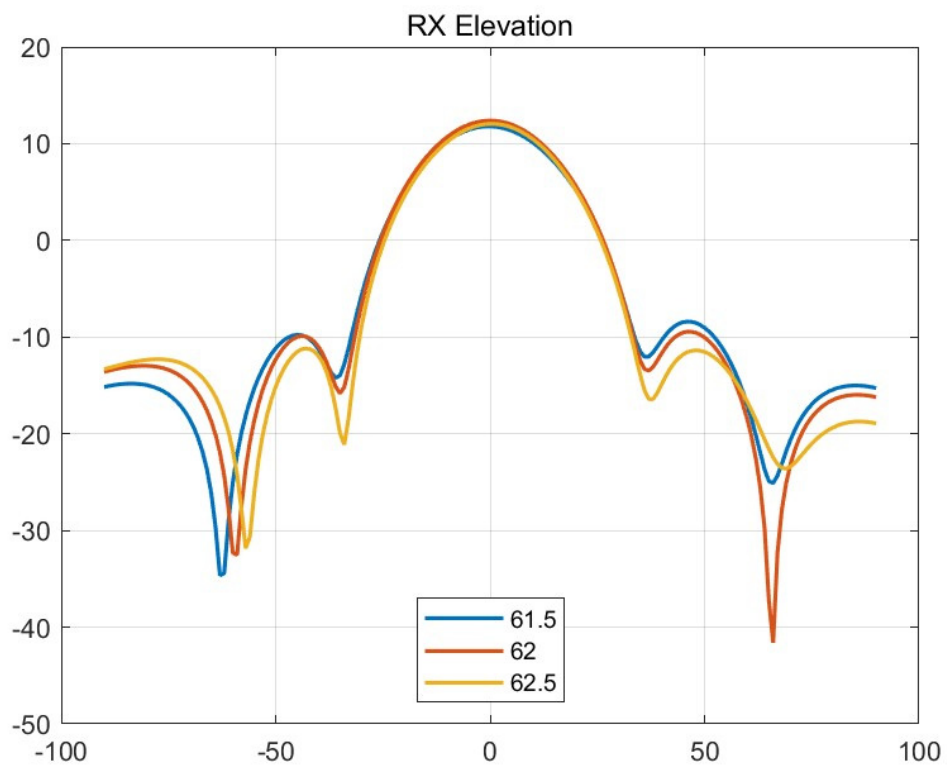
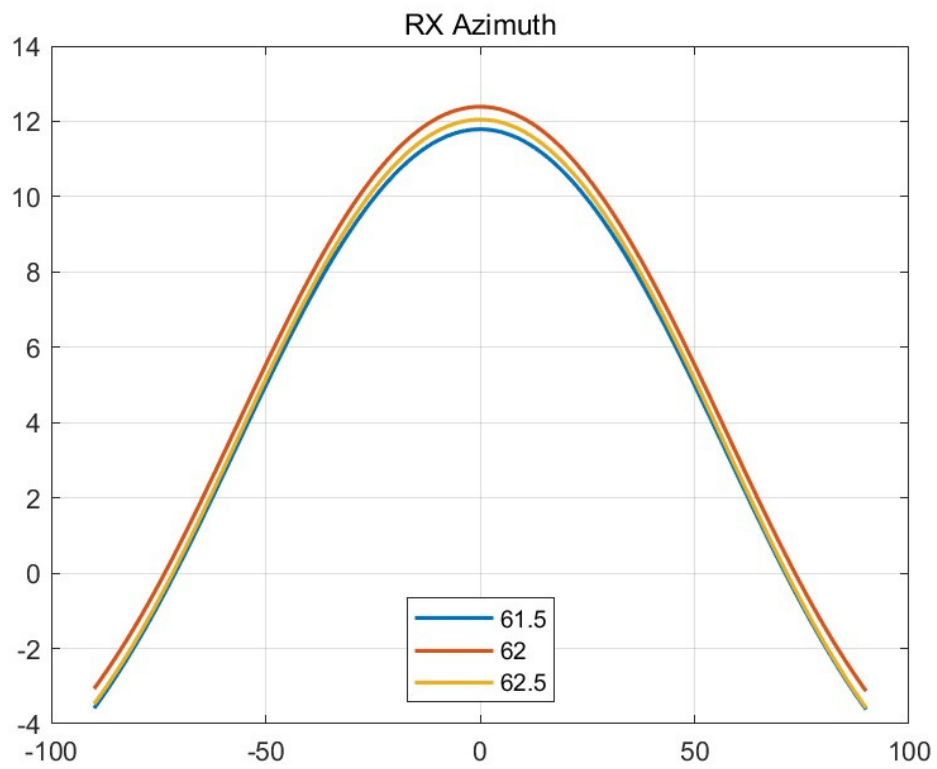
62GHz Antenna Specification Sheet

1. Receiving antenna

Design index requirements:

Center frequency	62GHz
Bandwidth range	1GHz
3dB lobe width	1×4 microstrip array
First side lobe level	20dB





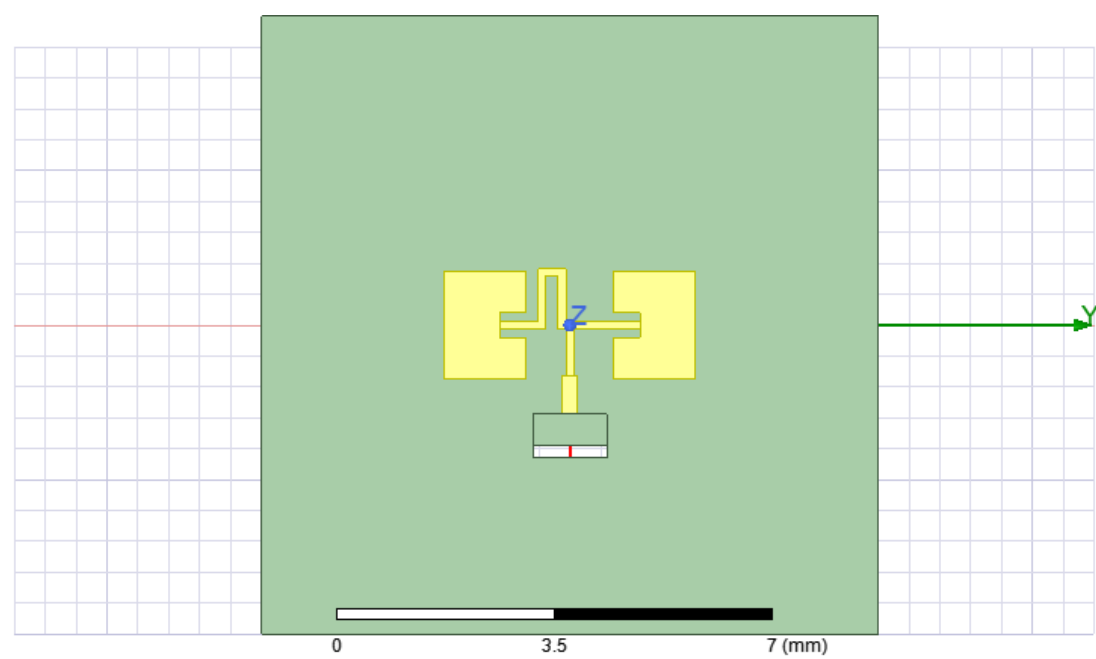
Key indicators of the receiving antenna

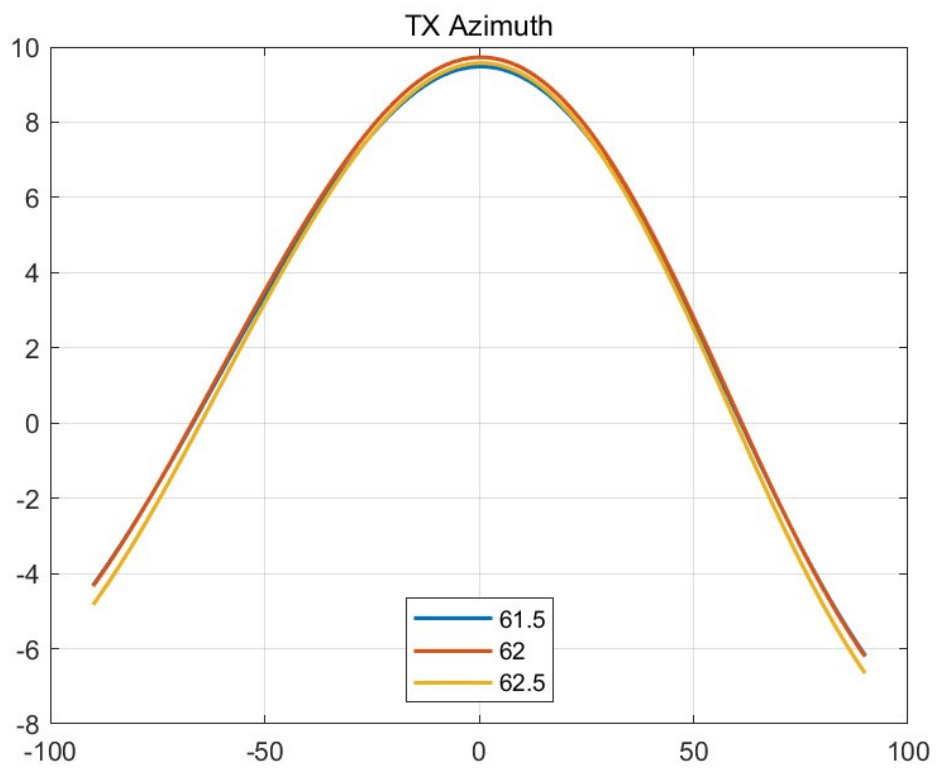
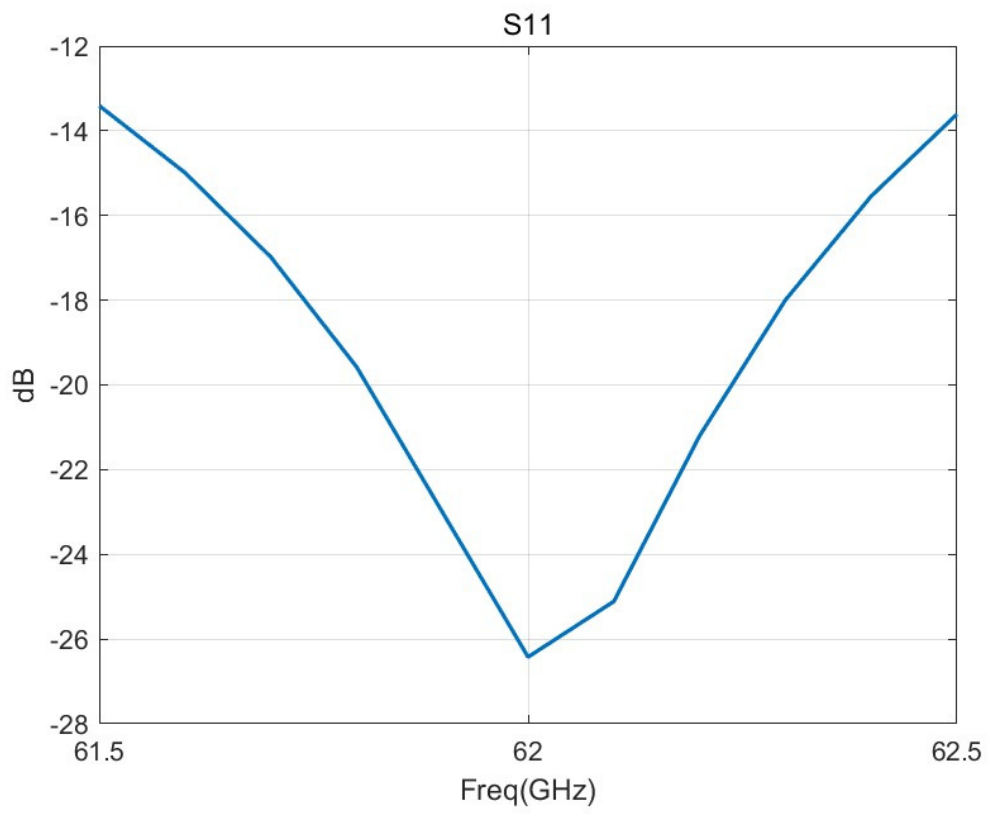
Frequency (GHz)	Gain (dBi)	3dB lobe width (°)		First side lobe level (dB)	Maximum beam direction in pitch plane (°)
		Location	Pitch		
61.5	11.7	64	27	20	-0.3
62	12.3	64	26	21	0
62.5	12	64	26	22	0.4

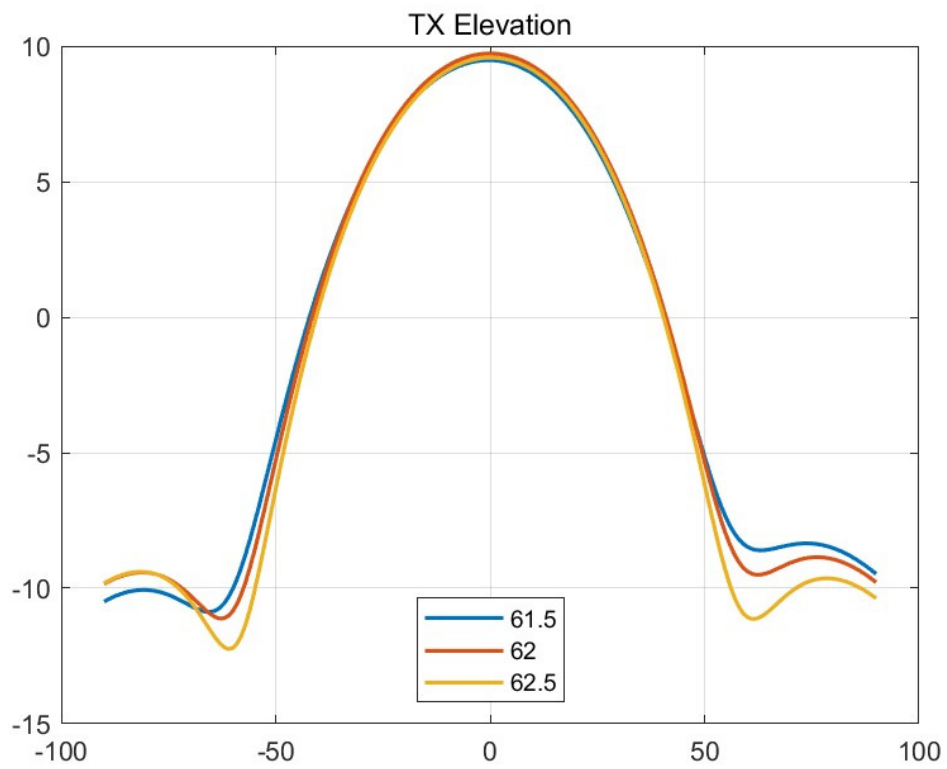
2. Transmitting antenna

Design index requirements:

Center frequency	62GHz
Bandwidth range	1GHz
3dB lobe width	1×2 microstrip array



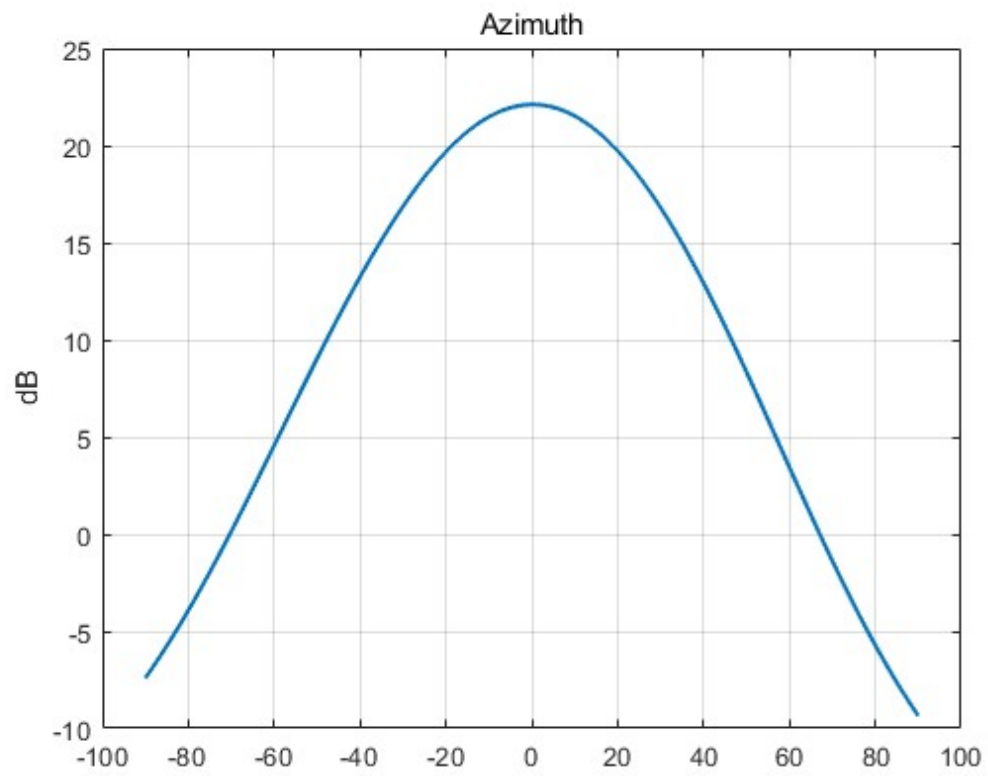


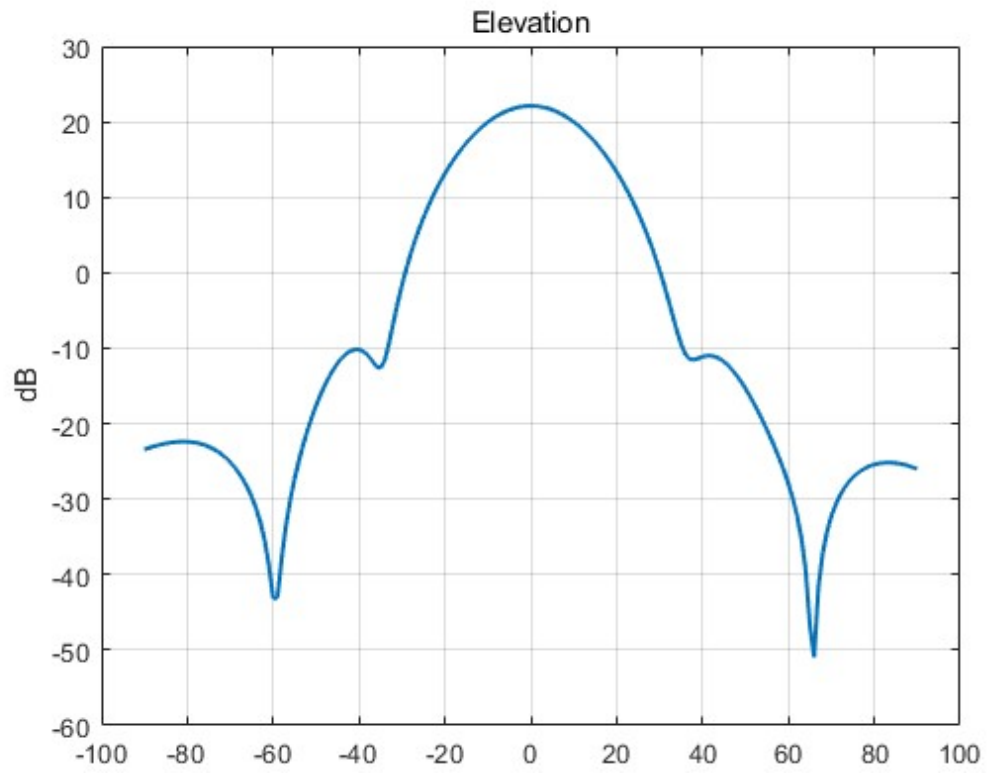


Transmitting antenna key indicators

Frequency (GHz)	Gain (dBi)	3dB lobe width (°)		First side lobe level (dB)	Maximum beam direction in pitch plane (°)
		Location	Pitch		
61.5	9.4	65	49	18	-0.3
62	9.7	64	49	18	0
62.5	9.5	64	49	18	0.1

3. Two-way direction diagram





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