

Antenna Datasheet

Manufacturer: Calterah

Type: Patch Antenna

Specification:

Item	Frequency	Antenna Gain (Center Frequency)
CAL77S244-AB	77-81GHz	3dBi

1. Configuration:

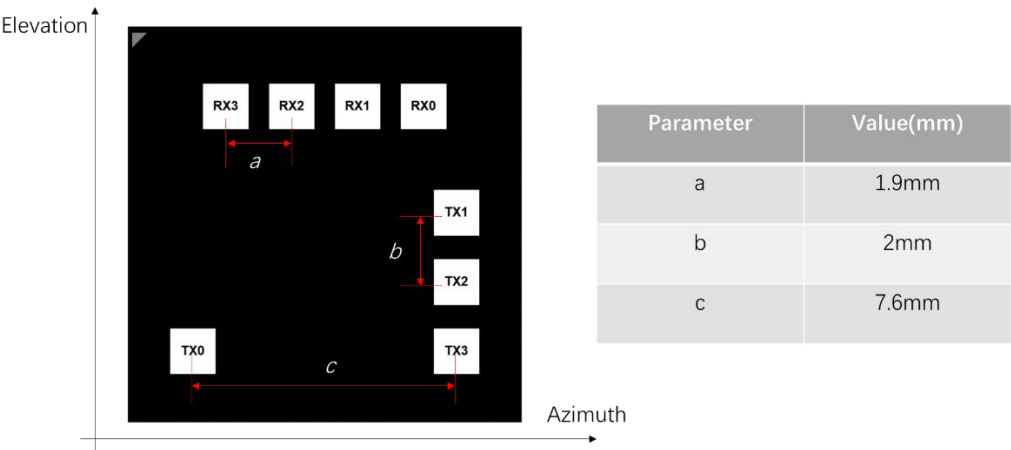


Figure 1 Configuration of CAL77S244-AB

2. TX Antenna Simulation Results

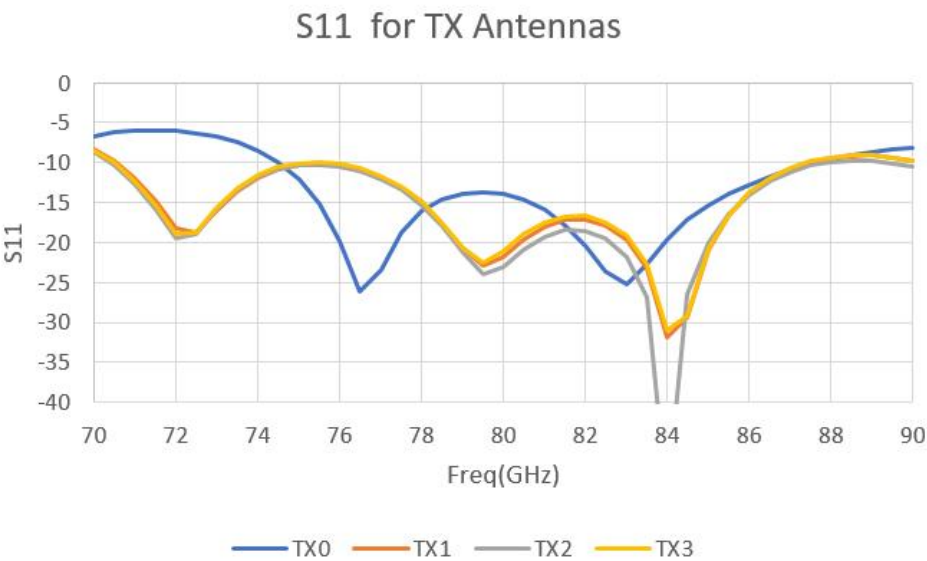


Figure 2 S11 for TX Antennas

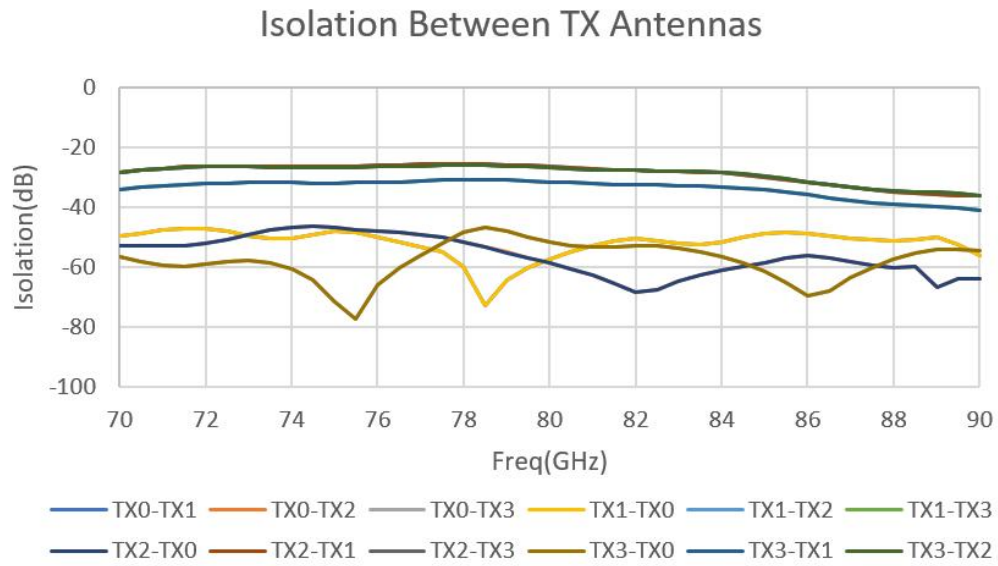


Figure 3 Isolation between TX Antennas

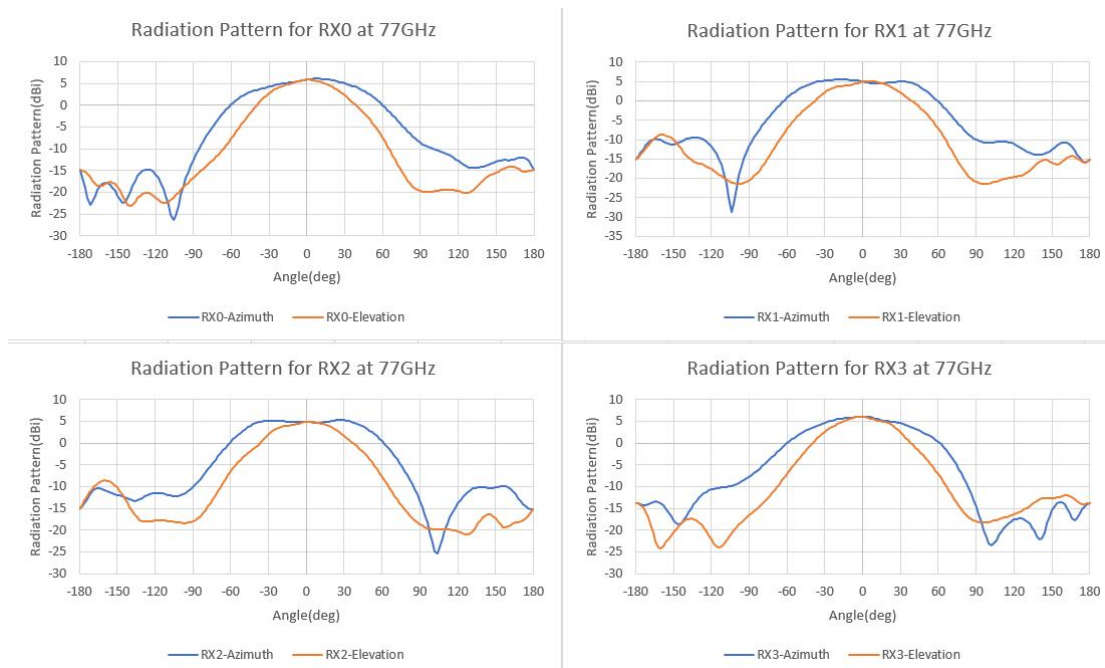


Figure 4 Radiation Pattern for TX Antennas at 77GHz

3. RX Antenna Simulation Results

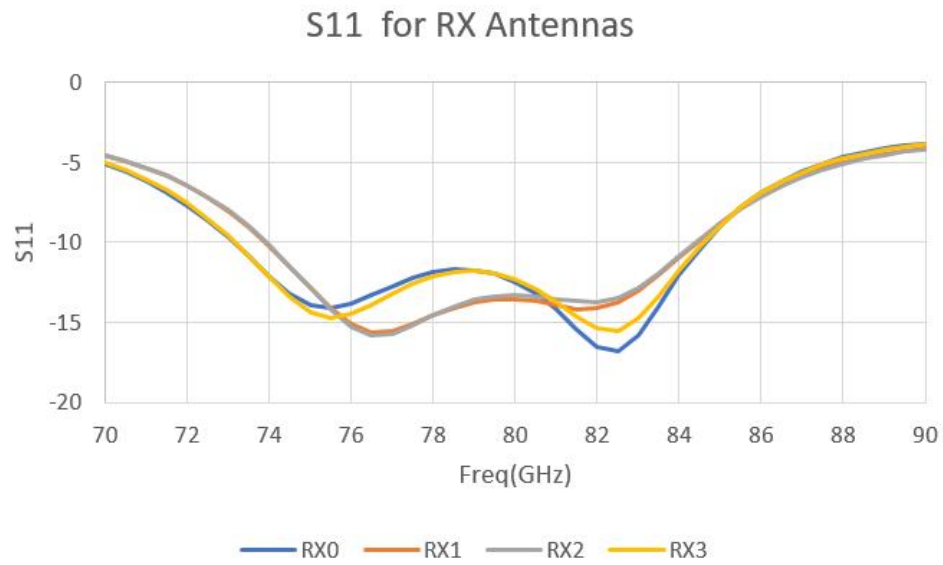


Figure 5 S11 for RX Antennas

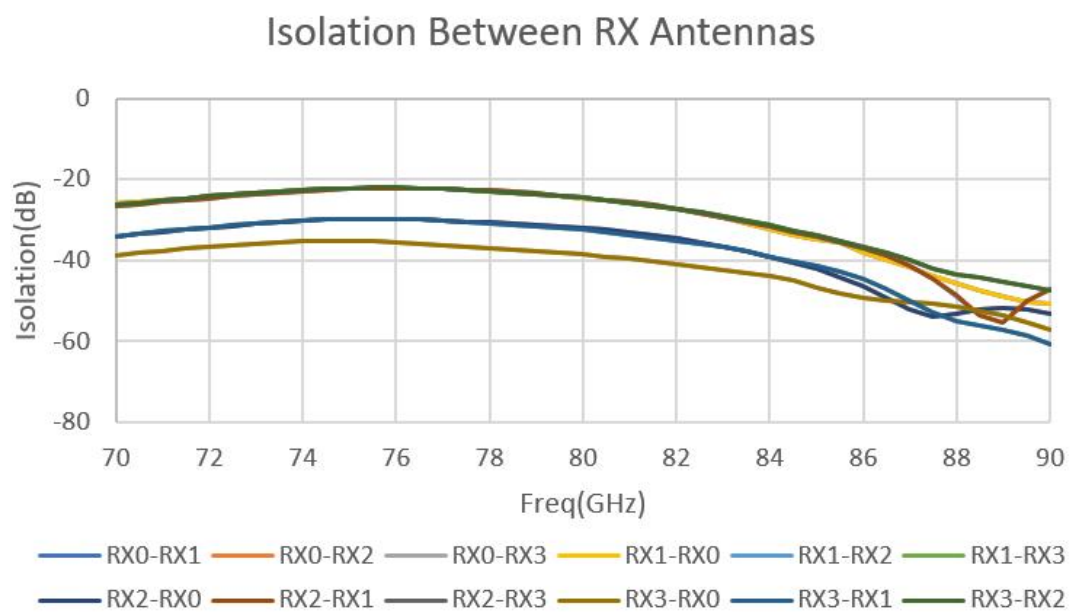


Figure 6 Isolation between RX Antennas

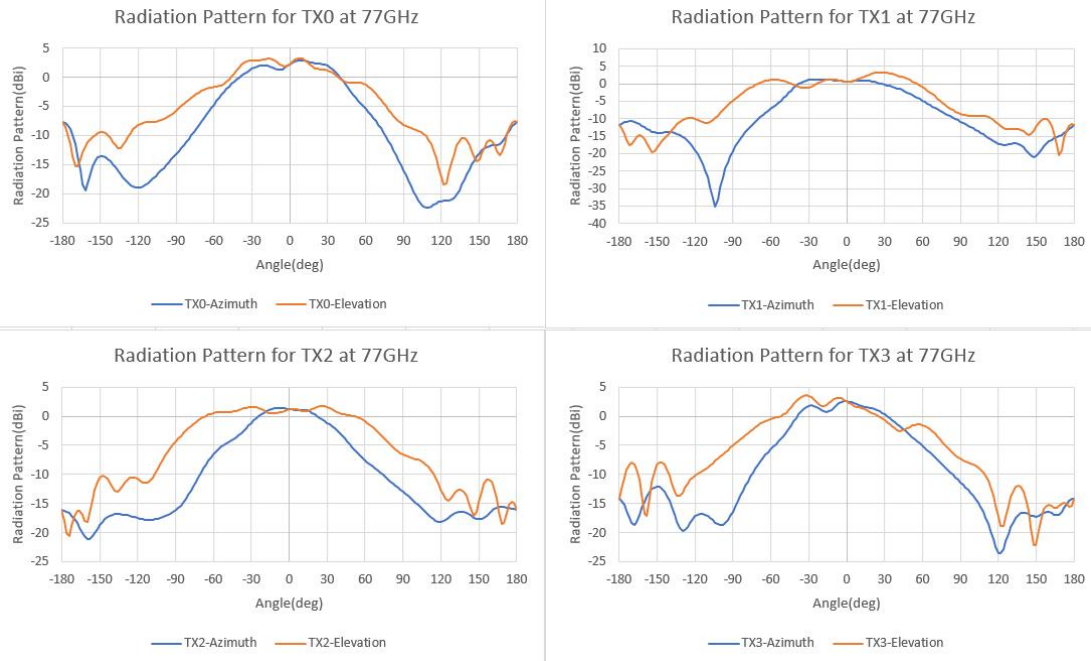


Figure 7 Radiation Pattern for RX Antennas at 77GHz