

FCC ID: 2BCCA-FALCON8G2RM1

Antenna peak gain: 7 dBi.

Figure 10 is a line graph titled "Normalized Antenna Gain vs. Angle (Elevation)". The y-axis is labeled "Normalized Antenna Gain (dB)" and ranges from -70 to 0. The x-axis is labeled "Angle (degree)" and ranges from -50 to 50. The graph displays 12 data series, each representing a different transmitter-receiver pair. The legend identifies the series as follows:

- TX1 to RX1 (Blue line with circles)
- TX1 to RX2 (Orange line with circles)
- TX1 to RX3 (Yellow line with circles)
- TX1 to RX4 (Purple line with circles)
- TX3 to RX1 (Green line with circles)
- TX3 to RX2 (Light blue line with circles)
- TX3 to RX3 (Red line with circles)
- TX3 to RX4 (Dark blue line with circles)
- TX2 to RX1 (Brown line with asterisks)
- TX2 to RX2 (Gold line with asterisks)
- TX2 to RX3 (Purple line with asterisks)
- TX2 to RX4 (Green line with asterisks)

The graph shows that the normalized antenna gain is generally highest (closest to 0 dB) at 0 degrees and lowest (most negative) at -40 and 40 degrees. The gain for most pairs is between -30 dB and -40 dB at the extremes. TX2 to RX2 shows the deepest null at 40 degrees, reaching approximately -60 dB.

2.2. Azimuth.

