

The purpose of this document is to record the antenna information for the products identified below.

Products
MyCareLink Relay Home Communicator 24960

**1. General antenna information**

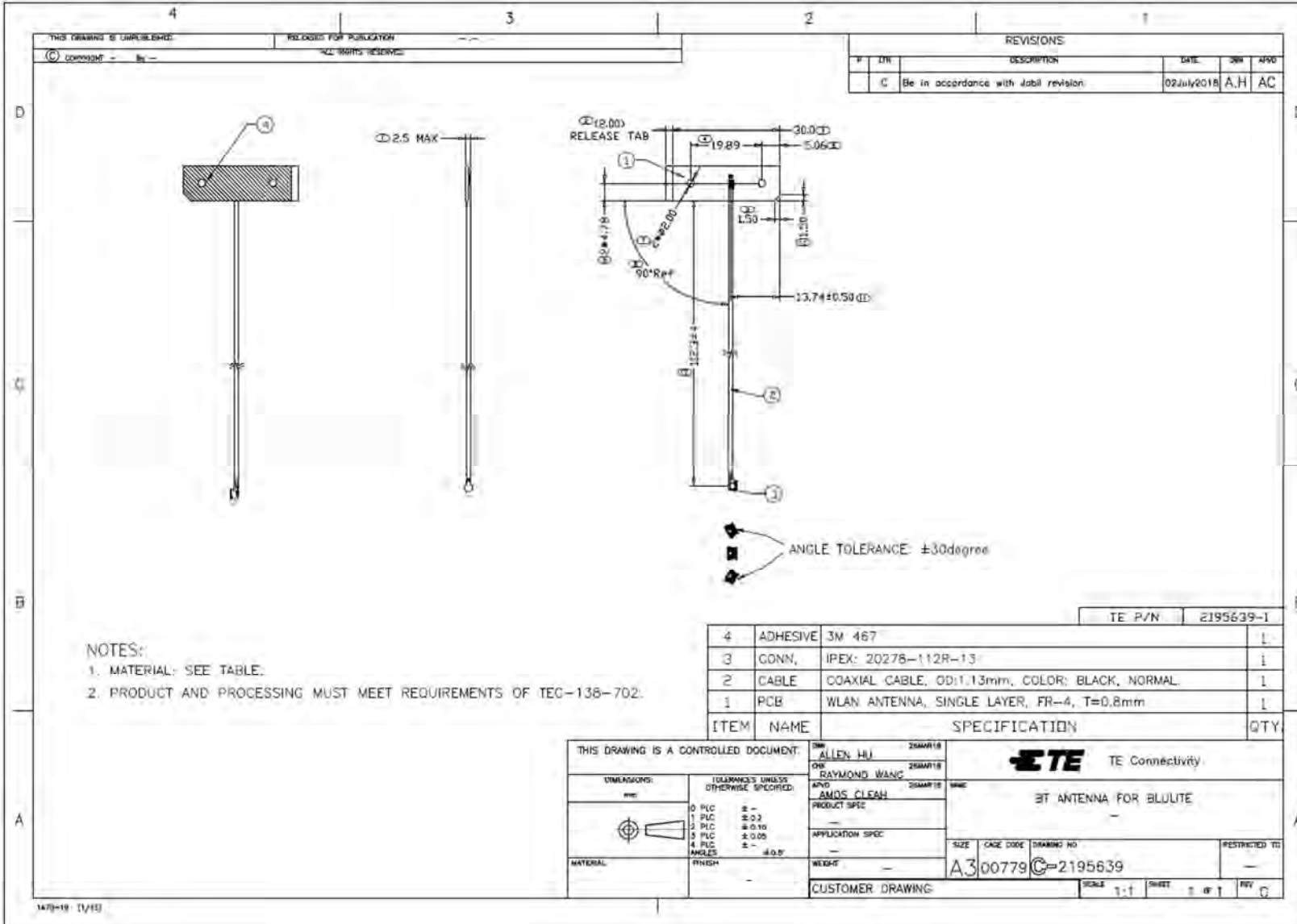
Table 1: General antenna information

Telemetry: Bluetooth Low Energy	Antenna Type: PCB trace Manufacturer: TE Connectivity Model number: 2195639-1 Connection with transmitter: Coaxial cable Antenna Gain: 3.17 dBi Polarization: Linear
Telemetry: Wi-Fi	Antenna Type: PCB trace Manufacturer: TE Connectivity Model number: 2195646-1 Connection with transmitter: Soldered to PCB Antenna Gain: 4.32 dBi Polarization: Linear
Telemetry: Cellular 1	Antenna Type: PCB trace Manufacturer: TE Connectivity Model number: 2195643-1 Connection with transmitter: Coaxial cable Antenna Gain: 3.52 dBi Polarization: Linear
Telemetry: Cellular 2	Antenna Type: PCB trace Manufacturer: TE Connectivity Model number: 2195643-2 Connection with transmitter: Coaxial cable Antenna Gain: 2.62 dBi Polarization: Linear

### 2. Antenna assembly drawing

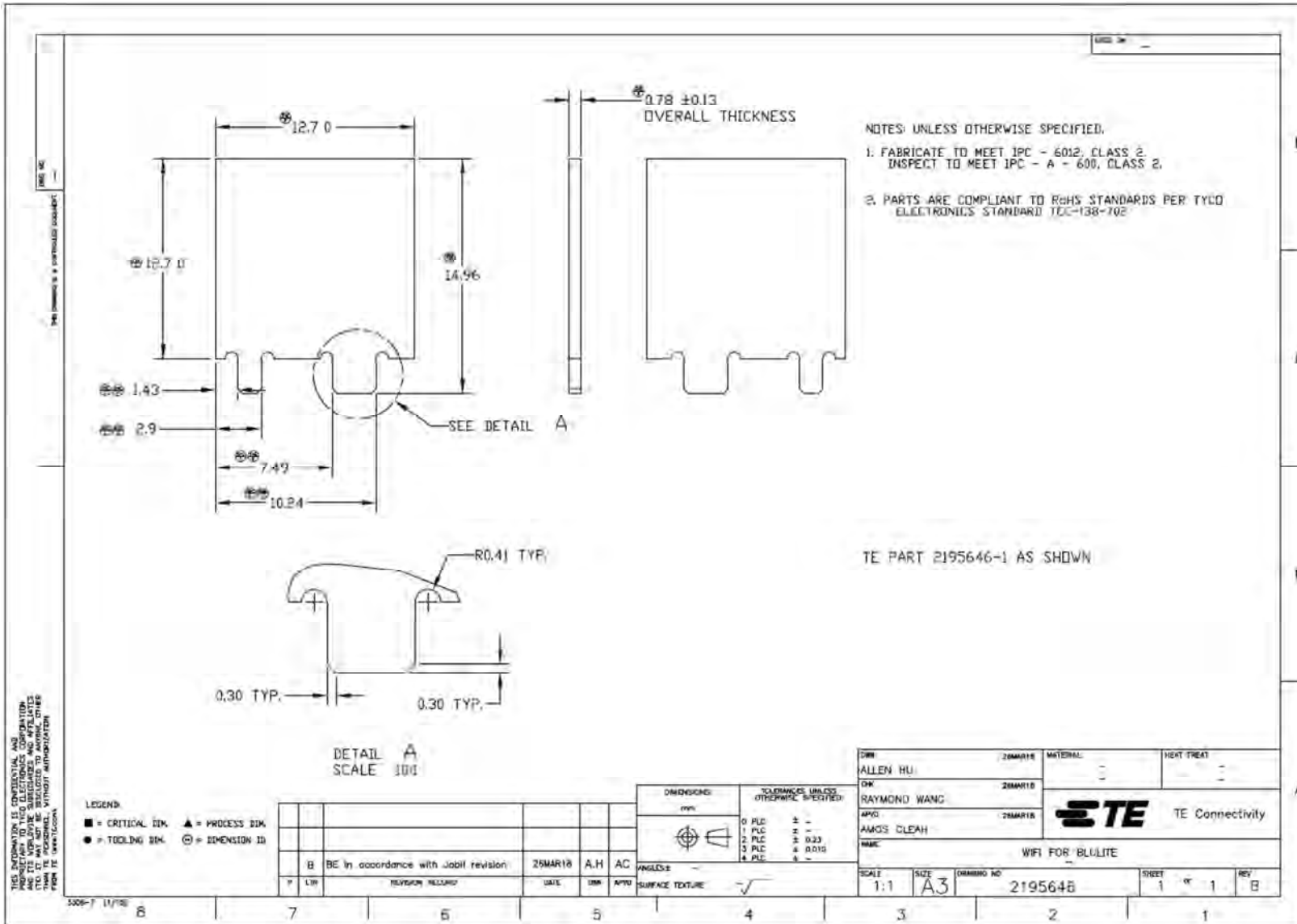
2195639-1

Source: 2195639 revision C, Jabil's Windchill quality system



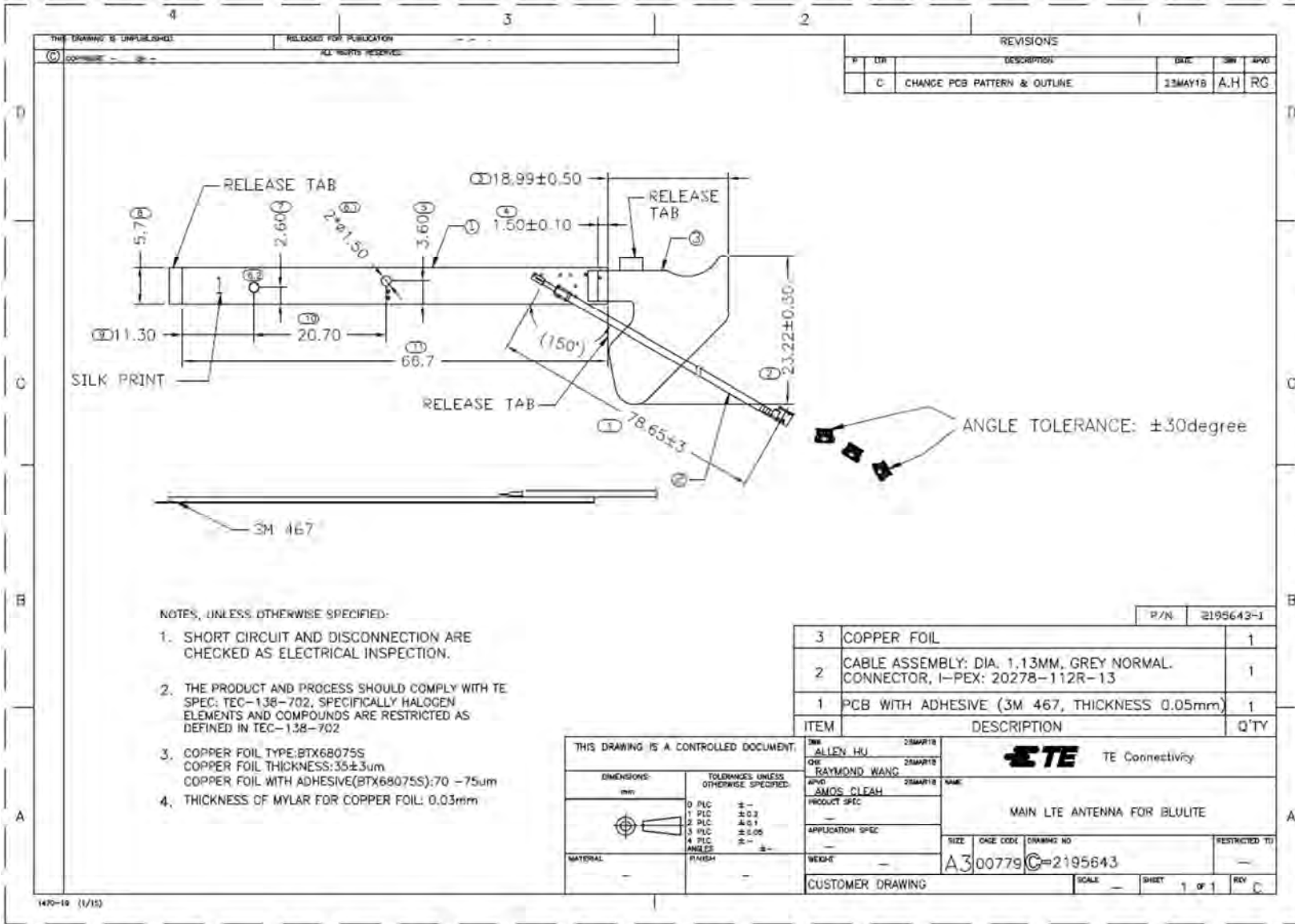
2195646-1

Source: 2195646 revision B, Jabil's Windchill quality system



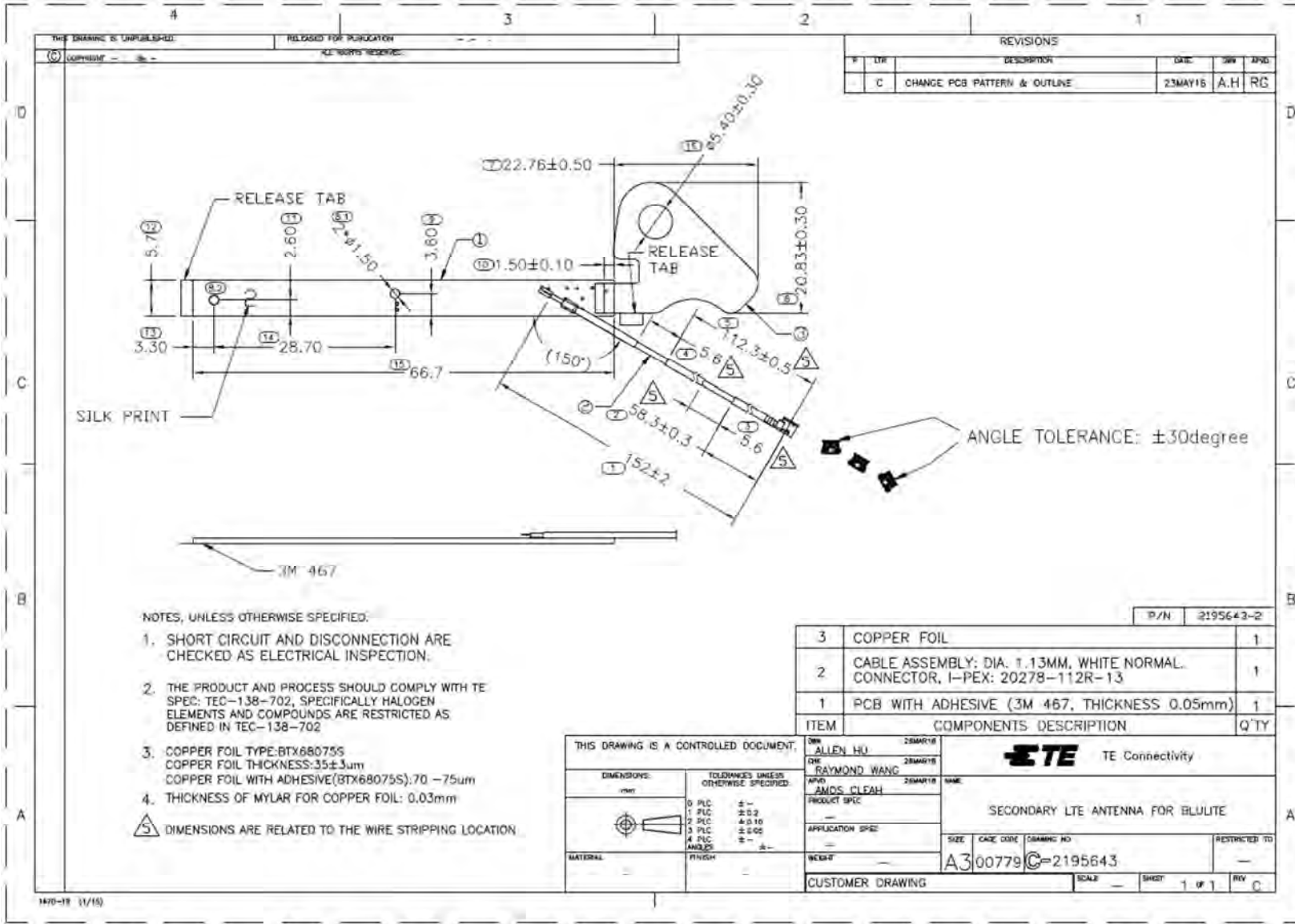
2195643-1

Source: 2195643 revision C, Jabil's Windchill quality system



2195643-2

Source: 2195643 revision C, Jabil's Windchill quality system

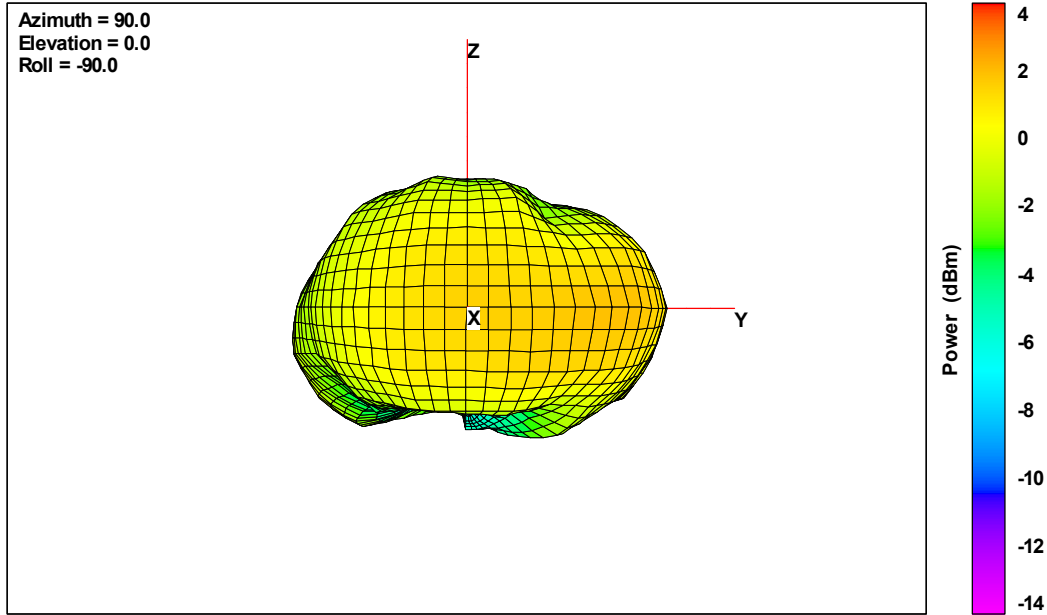


3. Antenna plots

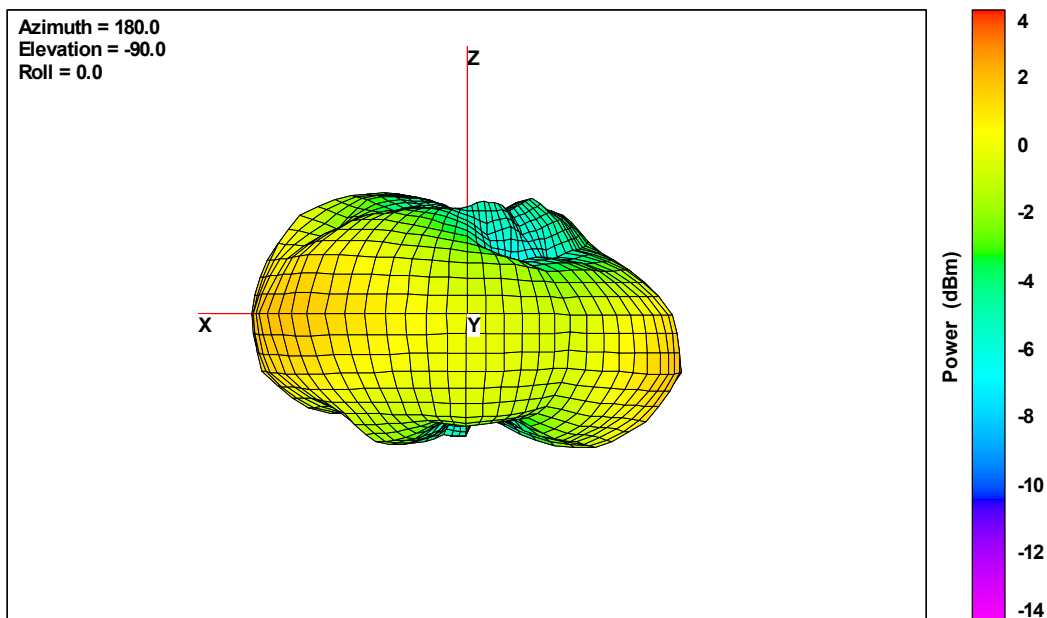
2195639-1

Source: MDTR0649 passive OTA

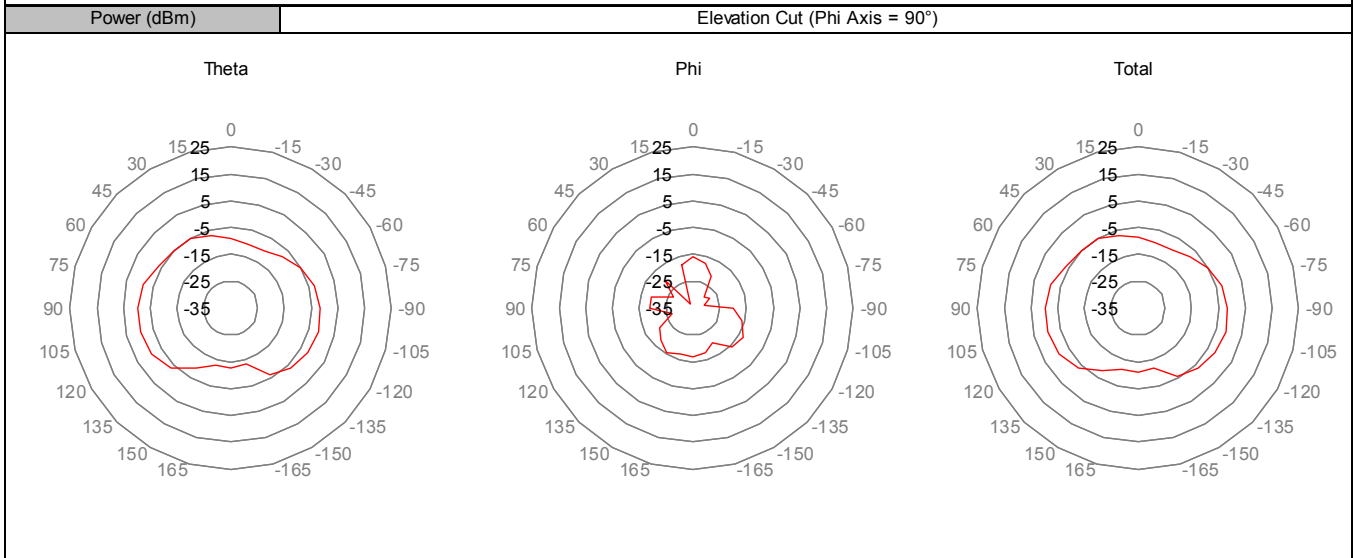
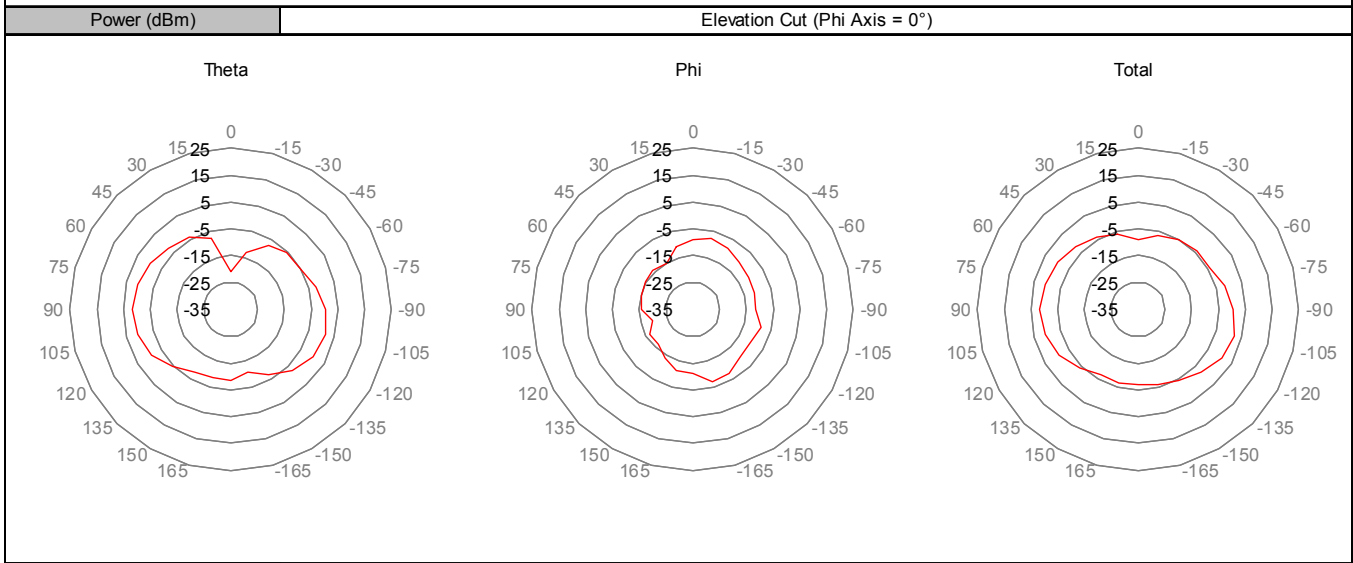
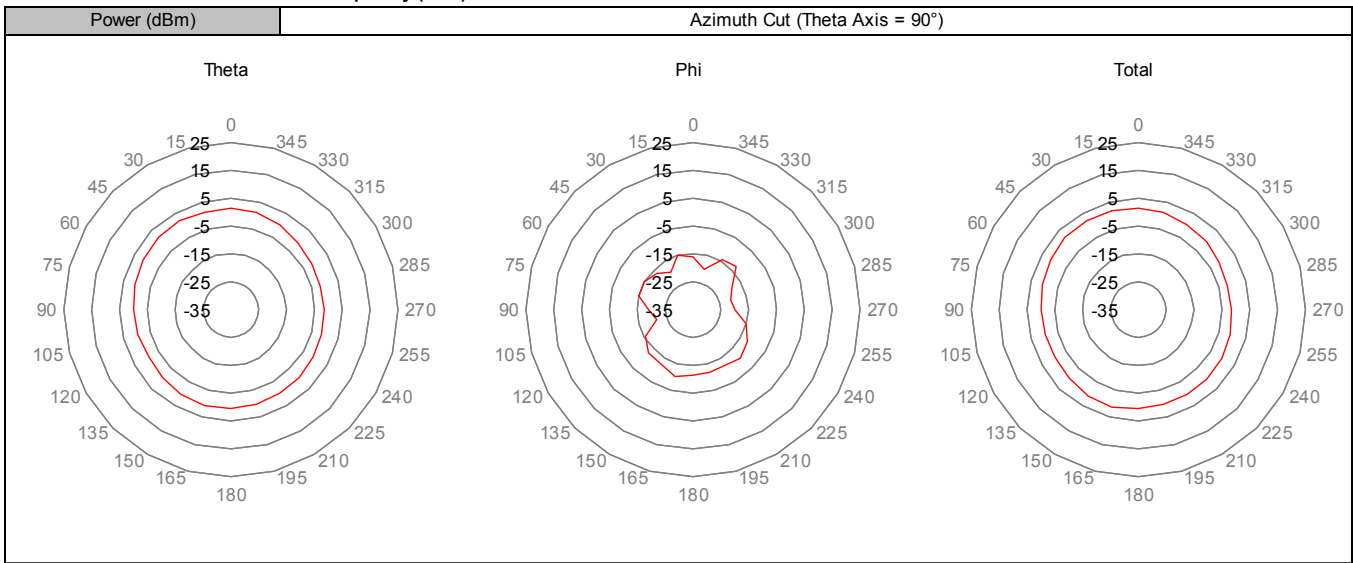
Total Power



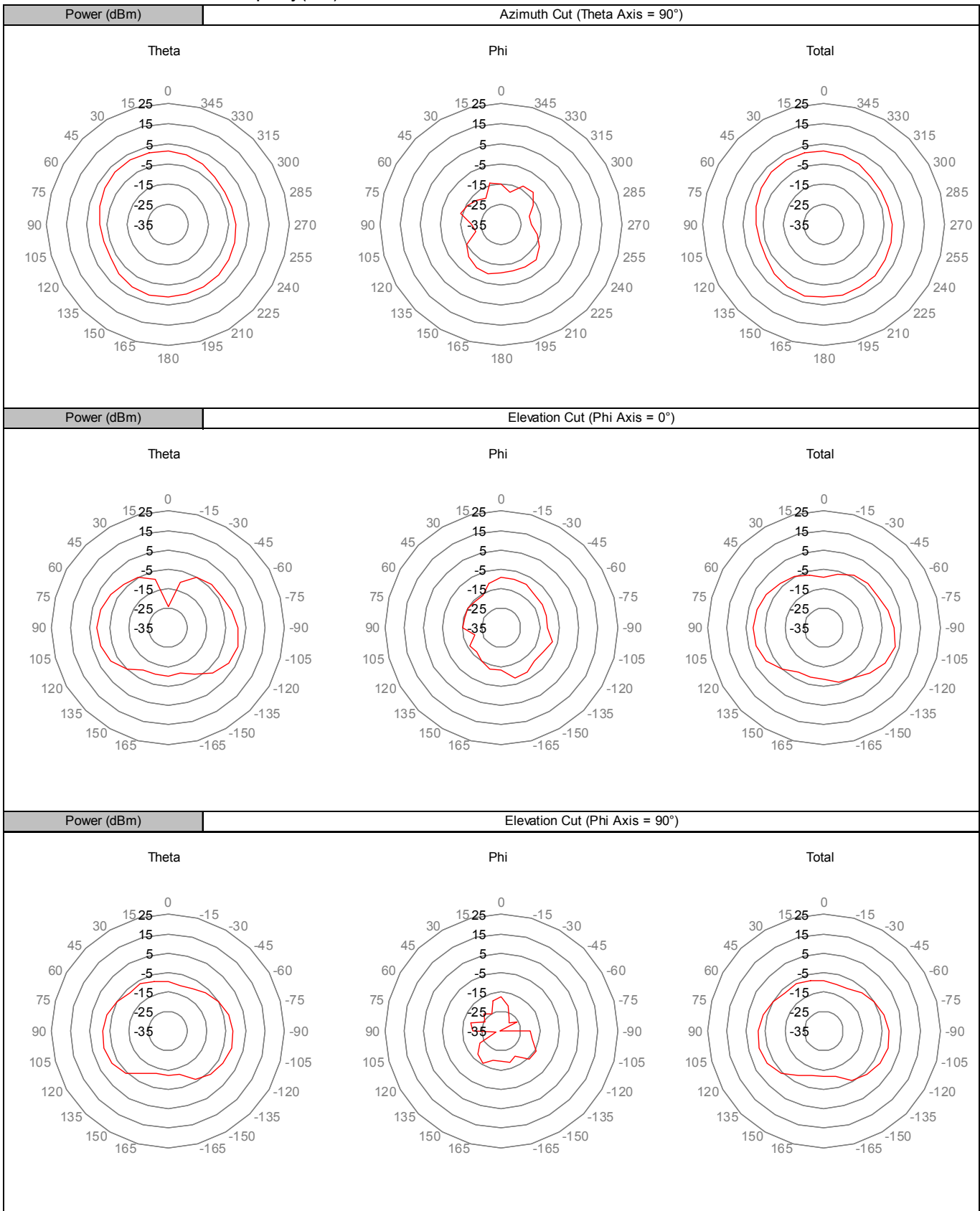
Total Power



**POLAR PLOTS** Frequency (MHz): 2402



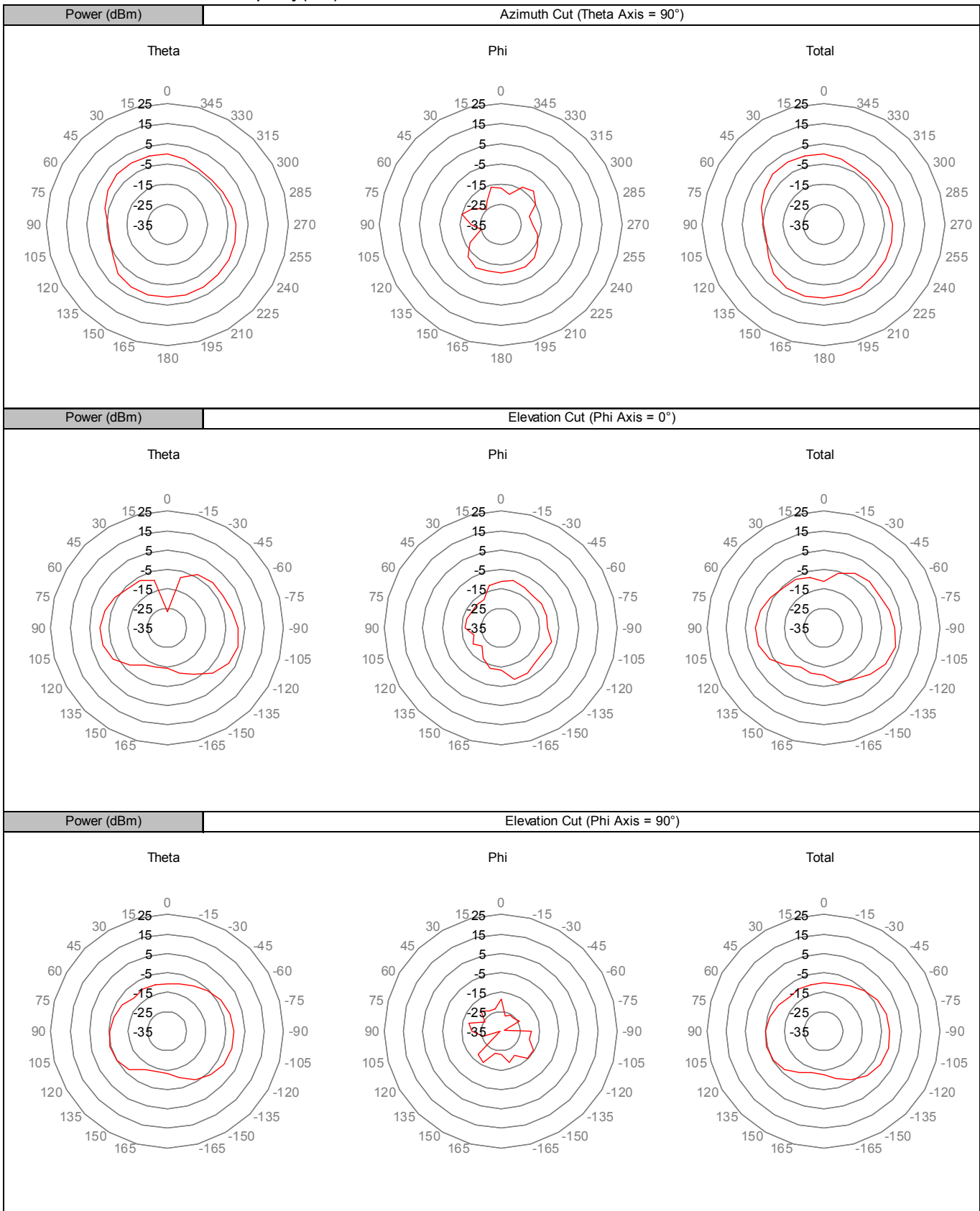
**POLAR PLOTS** Frequency (MHz): 2440





### POLAR PLOTS

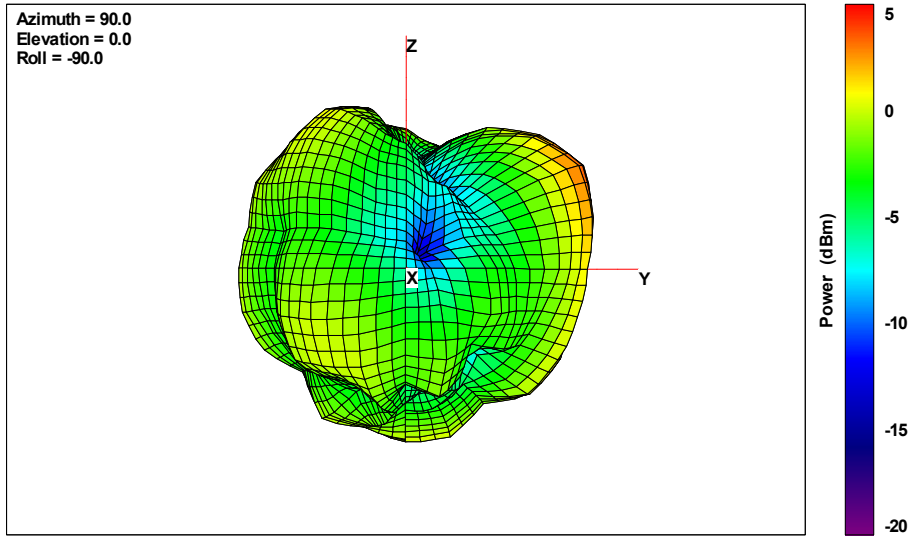
Frequency (MHz): 2480



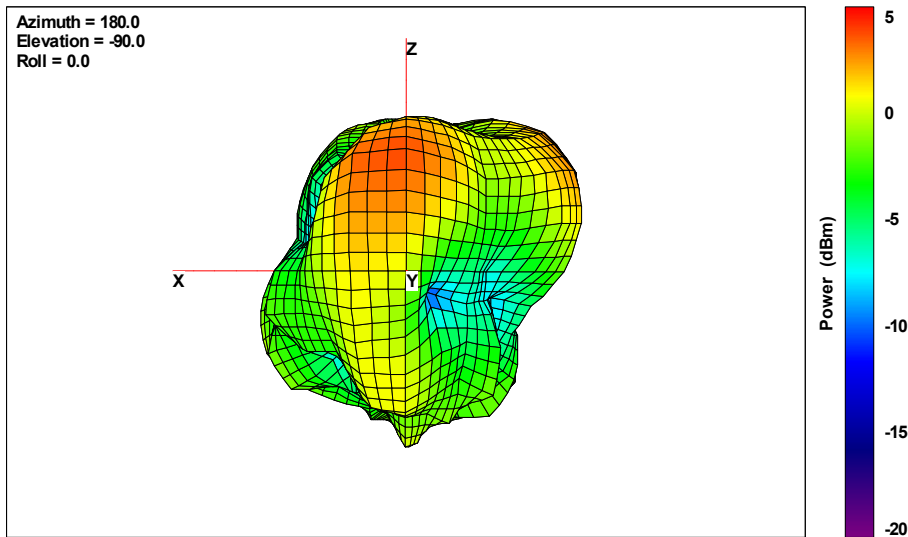
2195646-1

Source: MDTR0658 passive OTA

Total Power - 2437 MHz

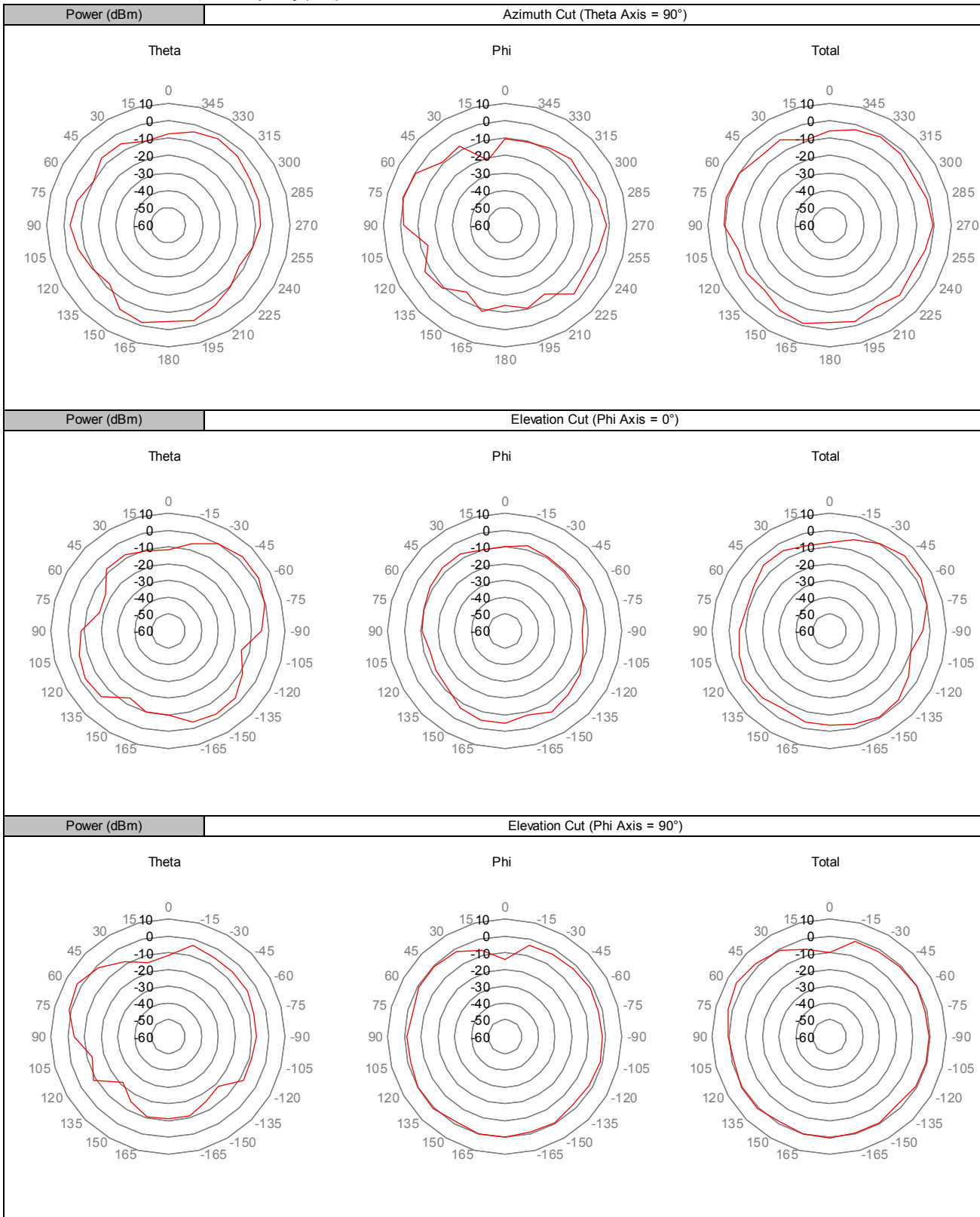


Total Power - 2437 MHz

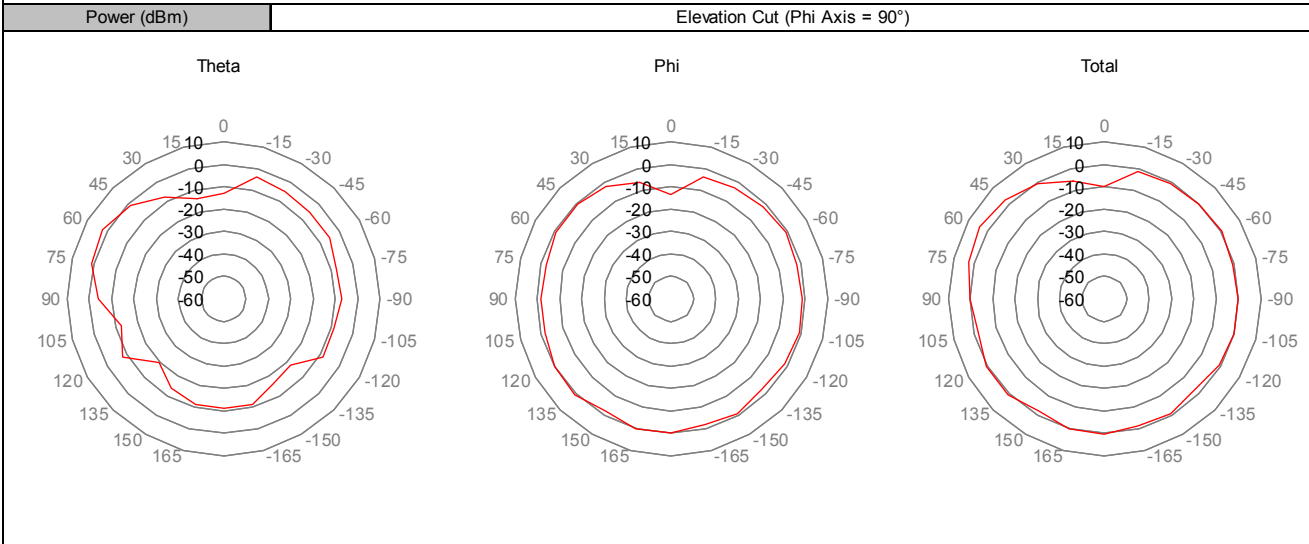
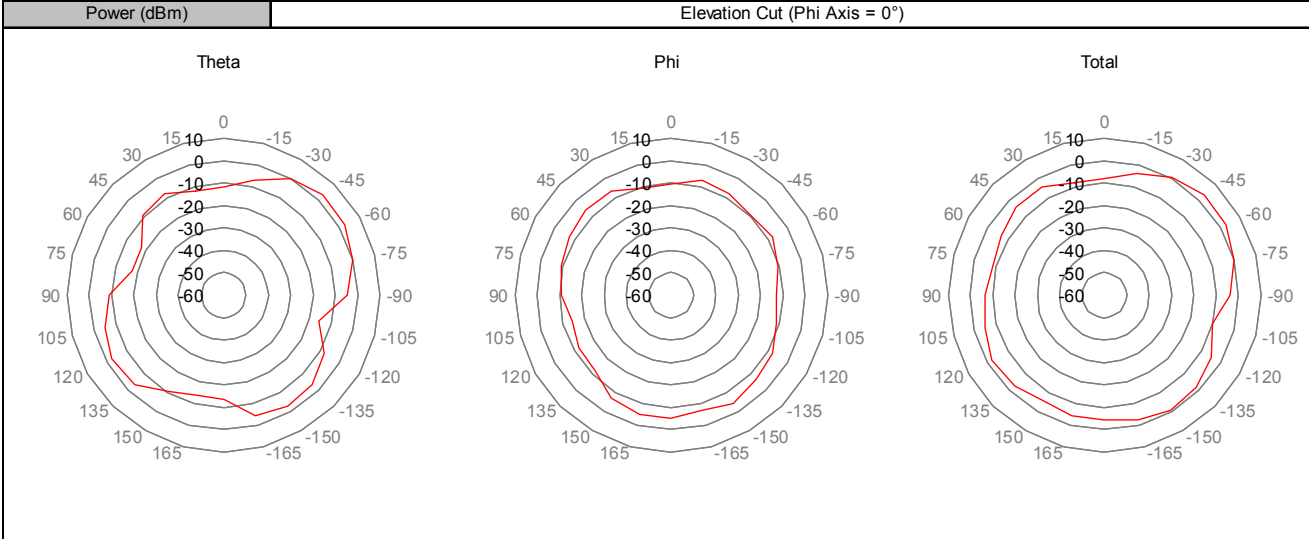
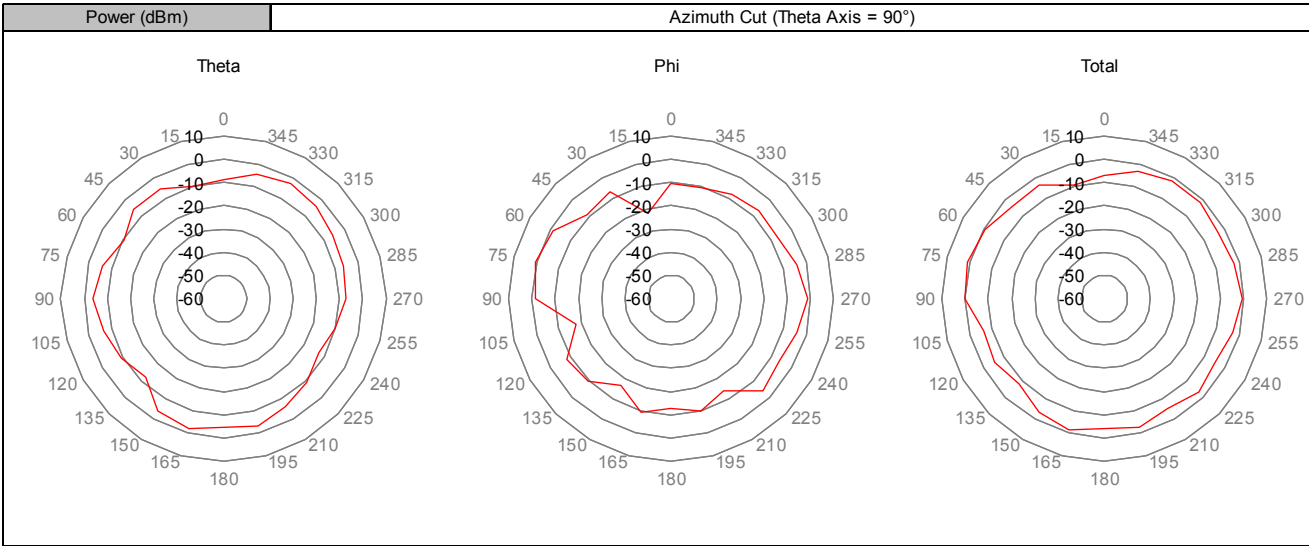


### POLAR PLOTS

Frequency (MHz): 2412

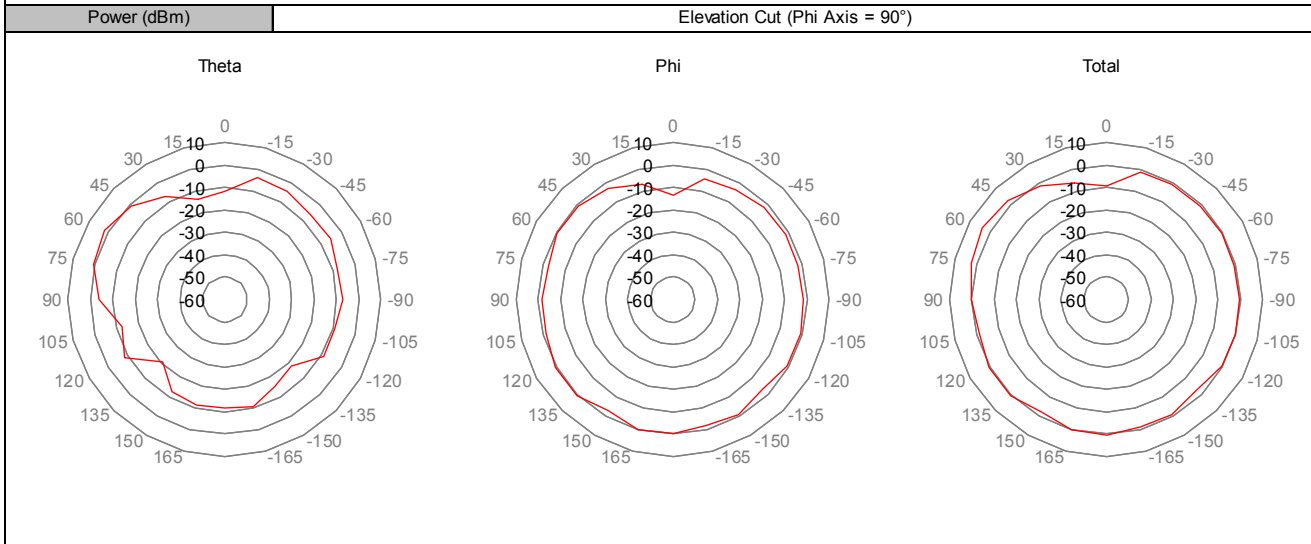
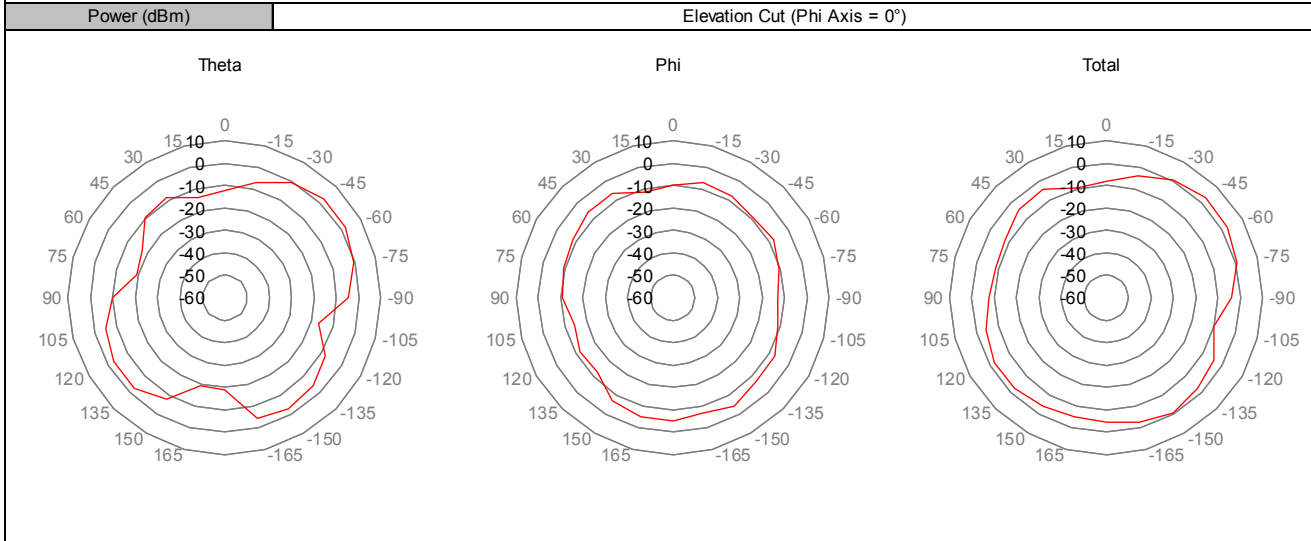
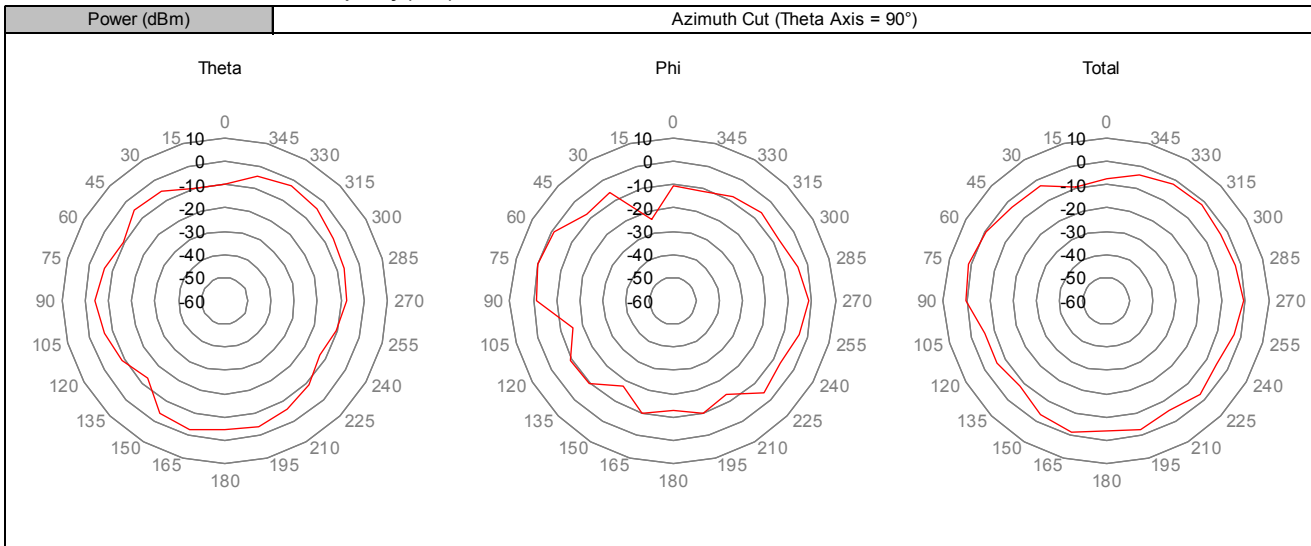


POLAR PLOTS Frequency (MHz): 2437



### POLAR PLOTS

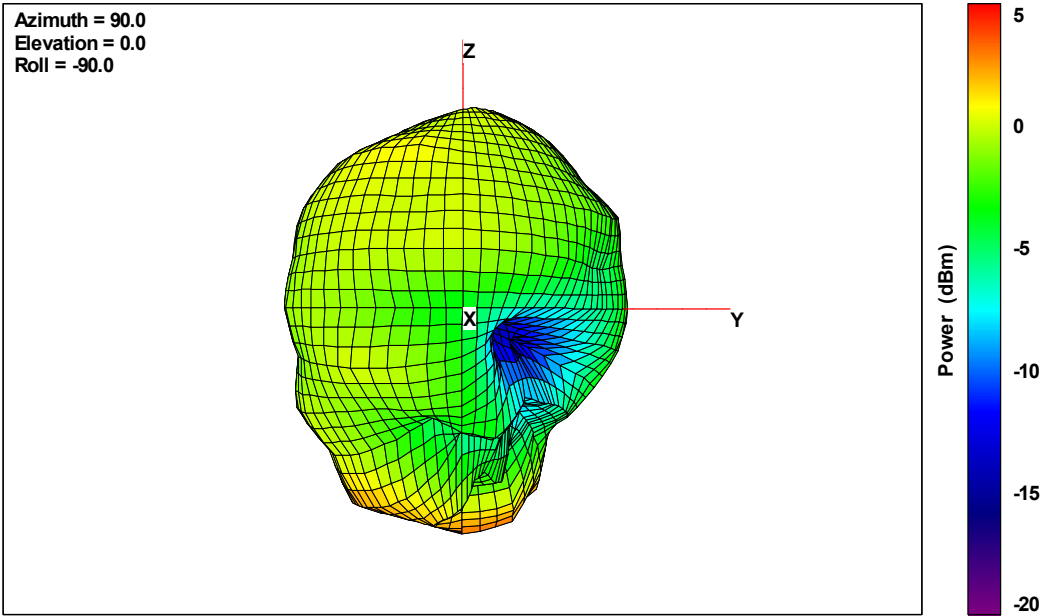
Frequency (MHz): 2462



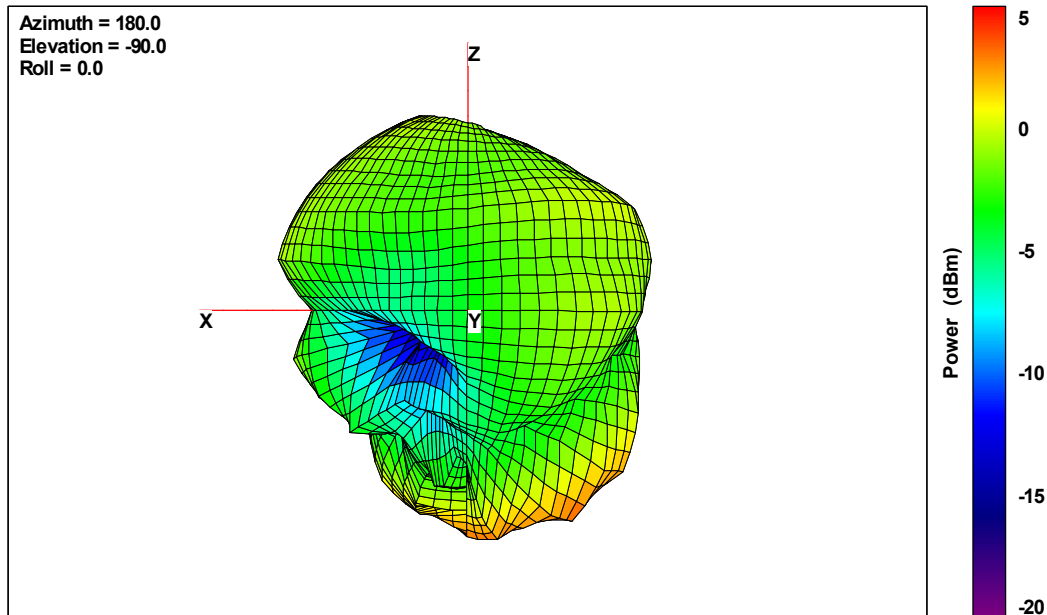
2195643-1

Source: MDTR0658 passive OTA

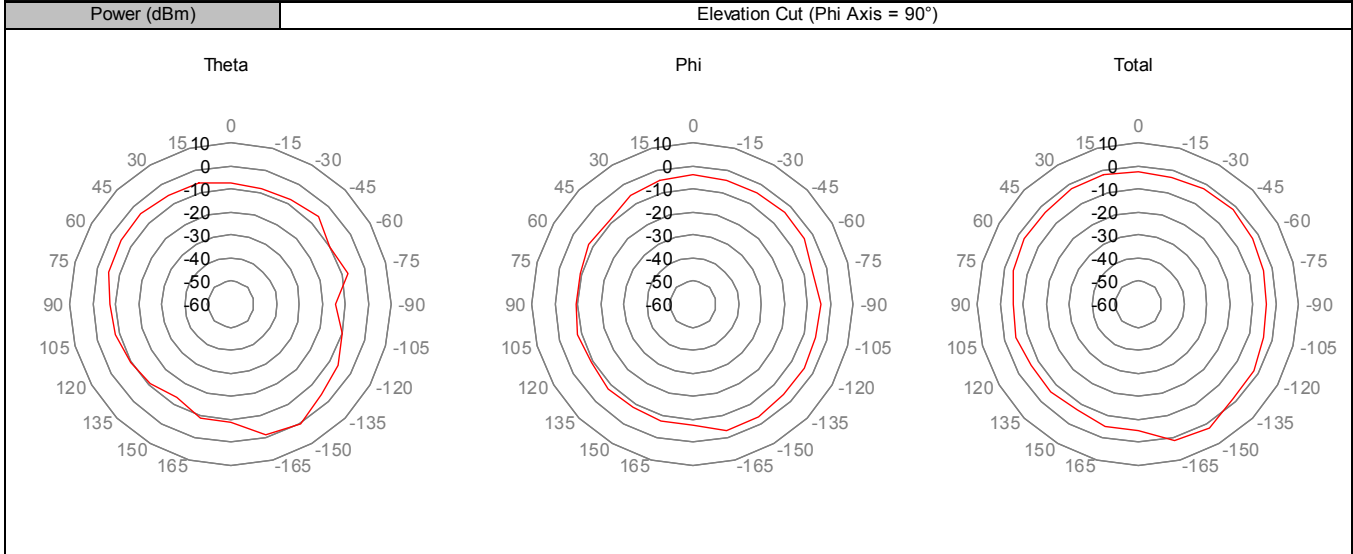
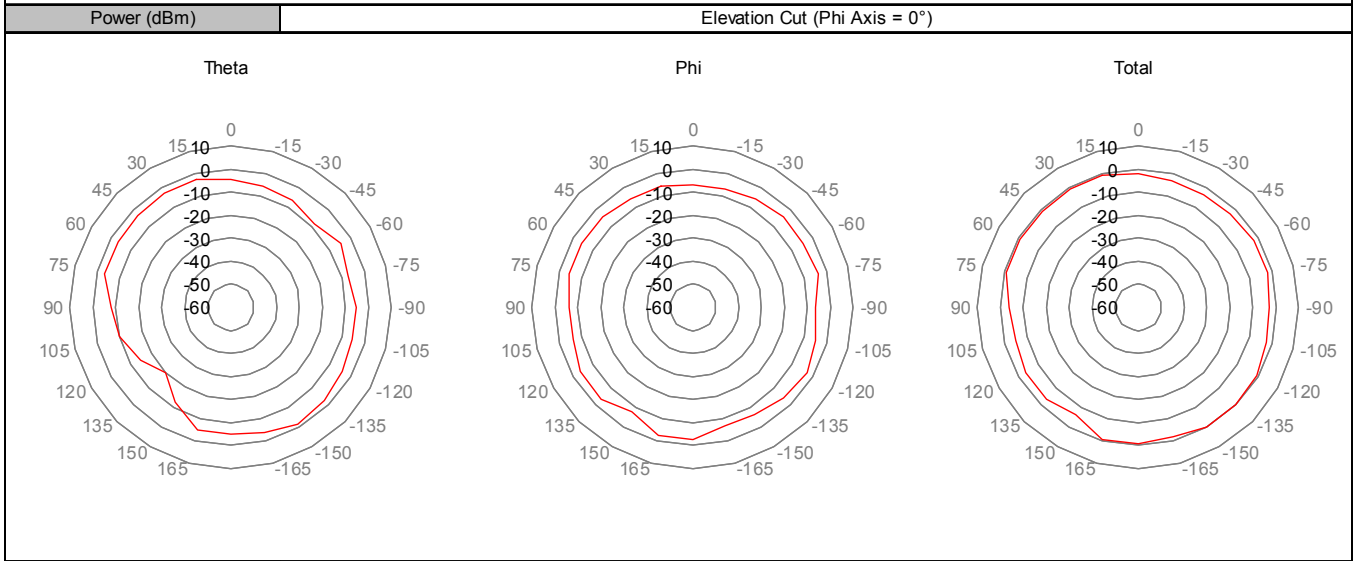
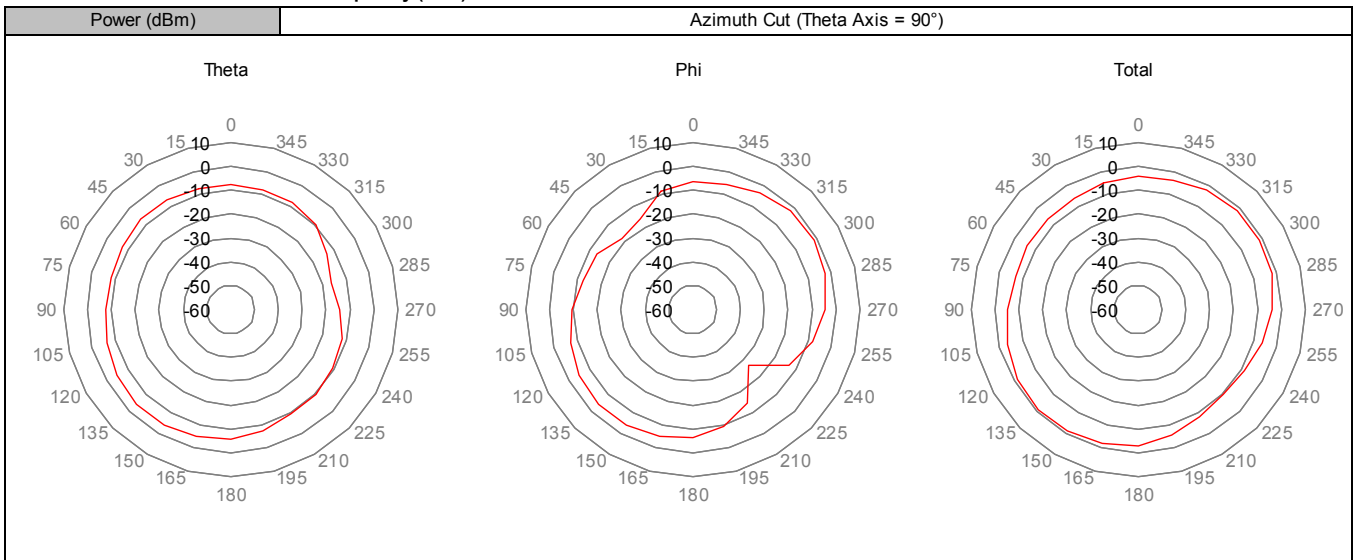
Total Power - 716 MHz



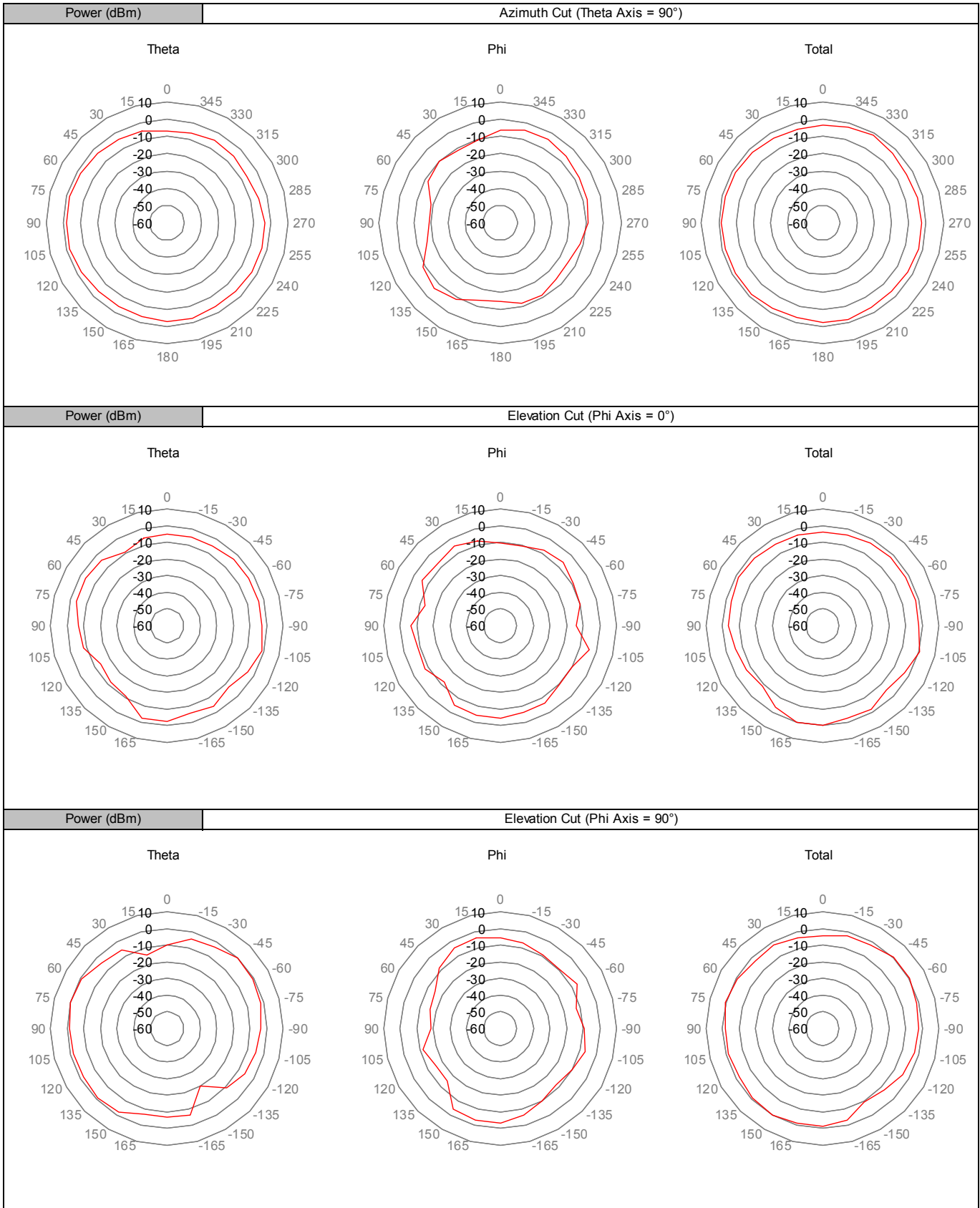
Total Power - 716 MHz



**POLAR PLOTS** Frequency (MHz): 700

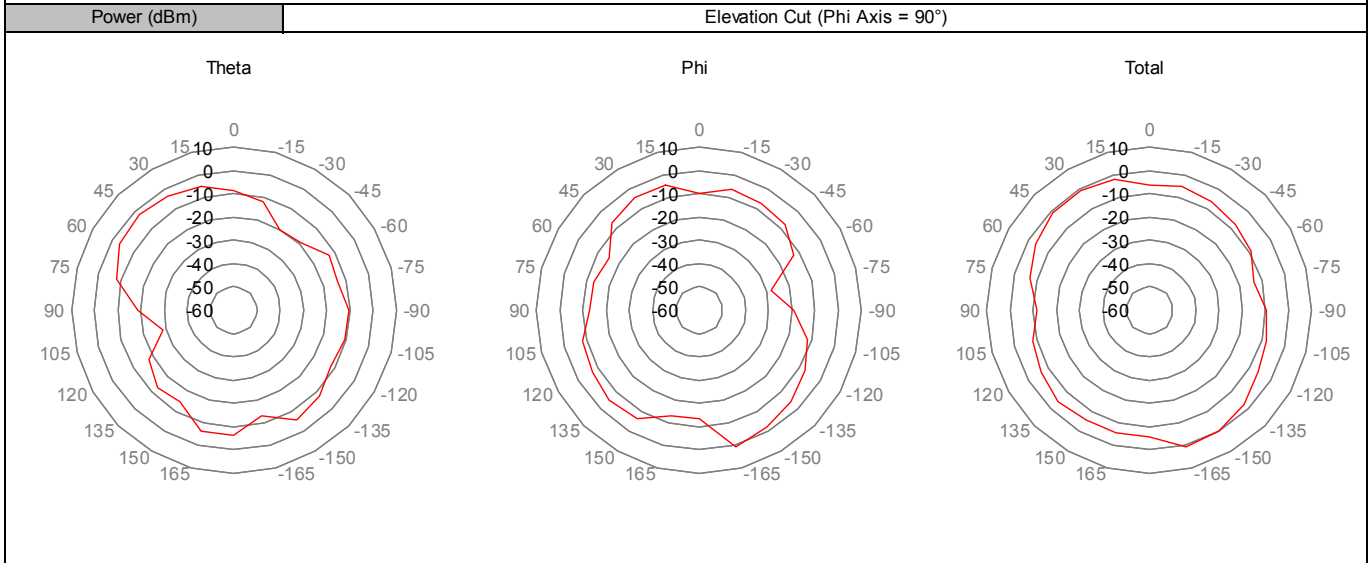
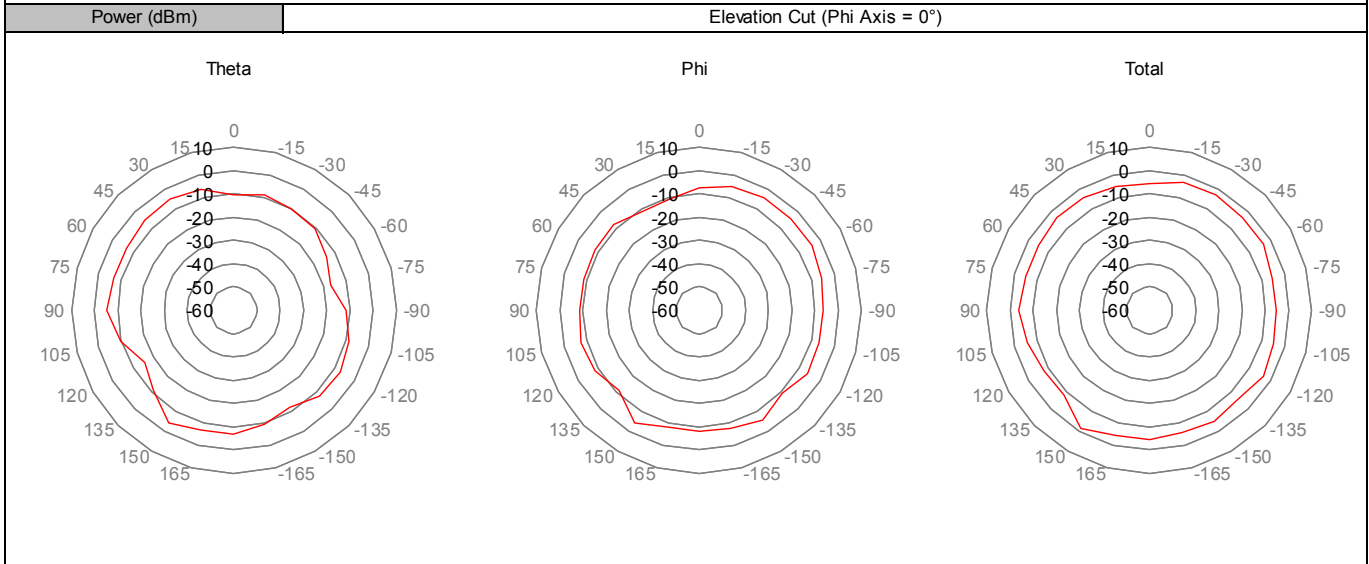
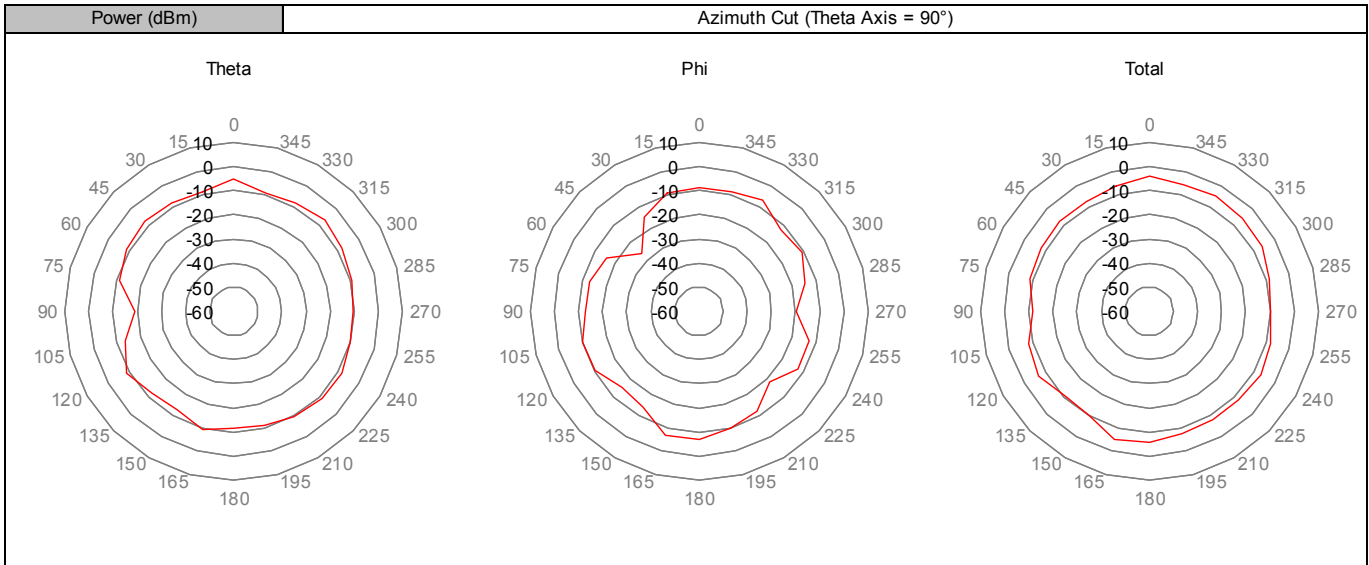


**POLAR PLOTS** Frequency (MHz): 960



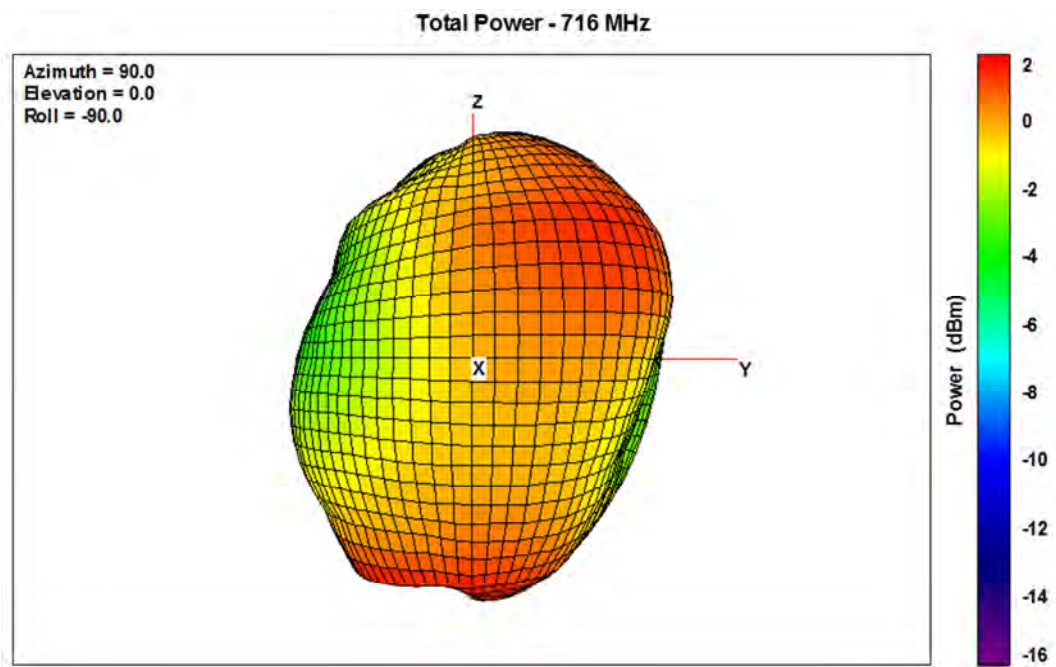


POLAR PLOTS Frequency (MHz): 2170

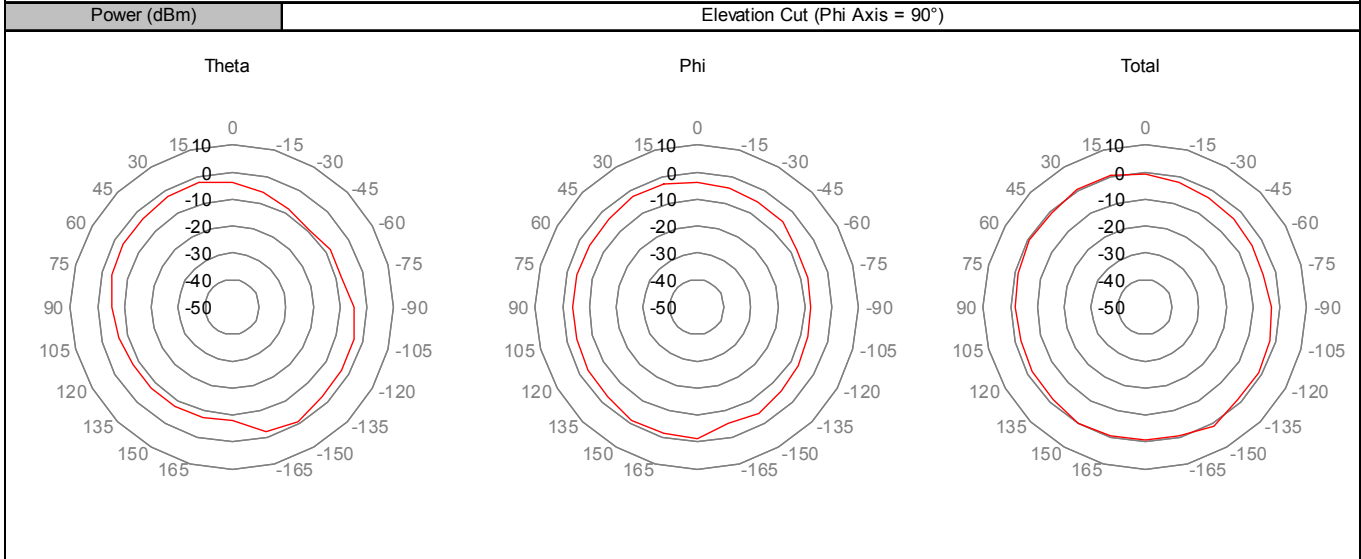
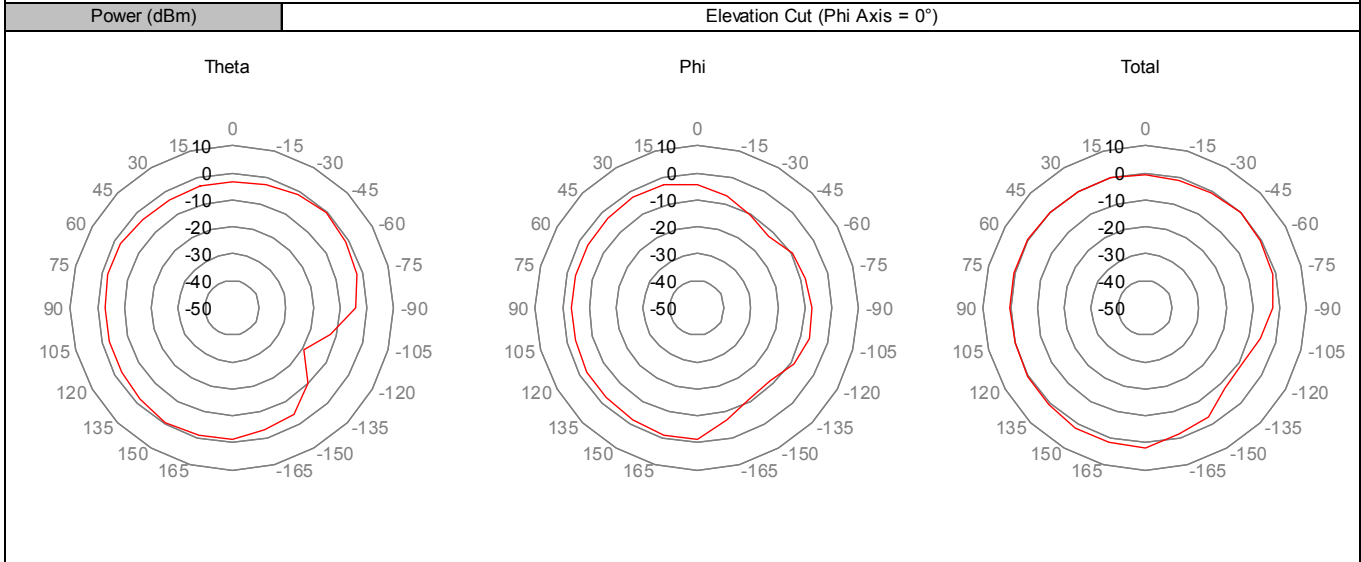
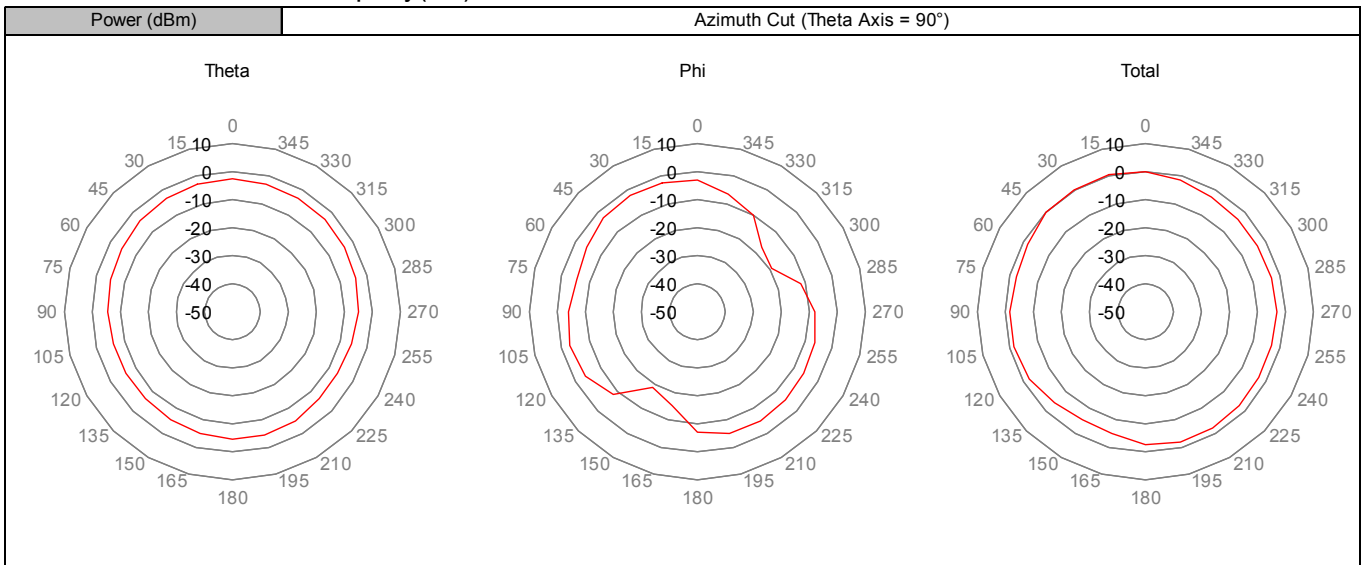


2195643-2

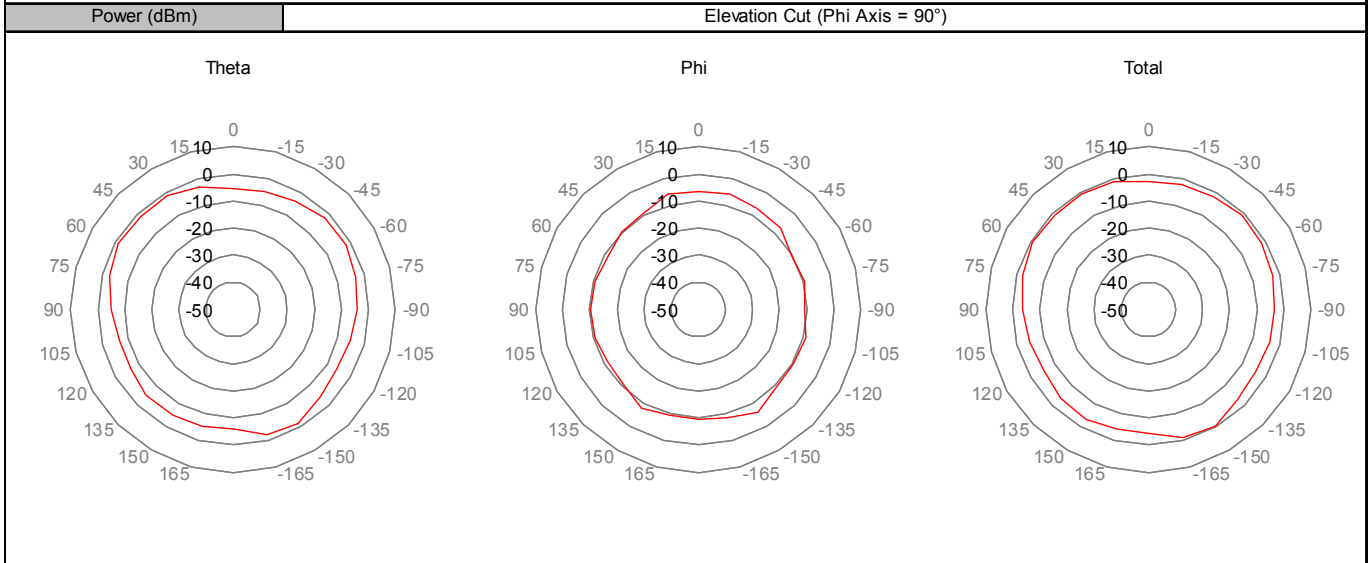
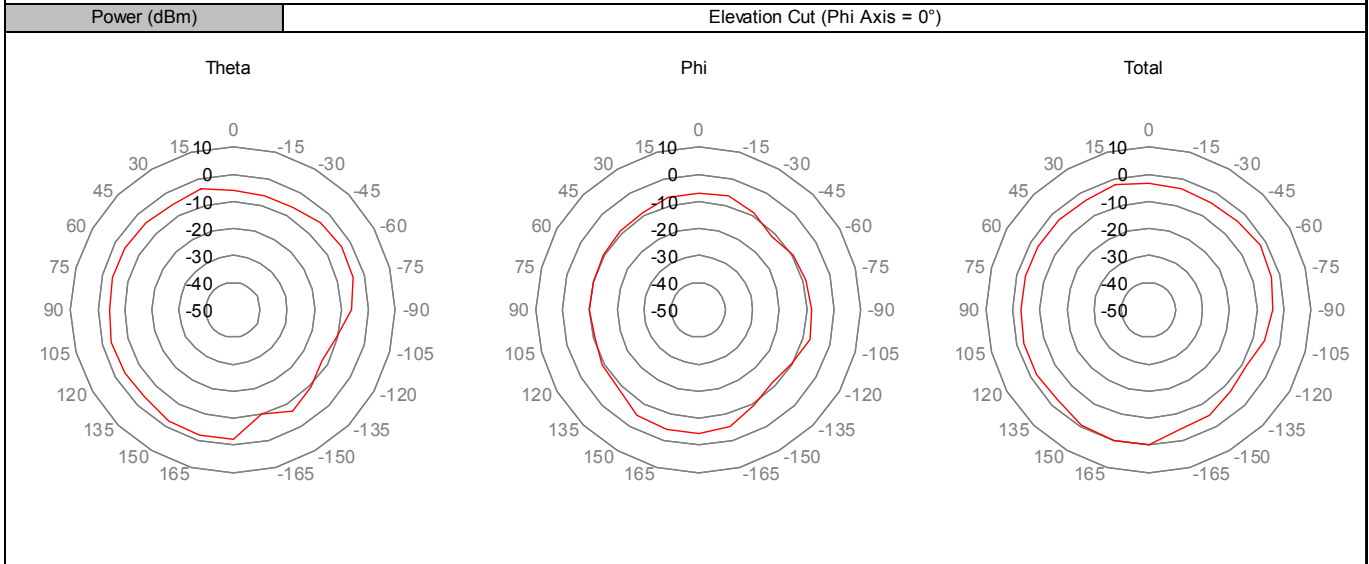
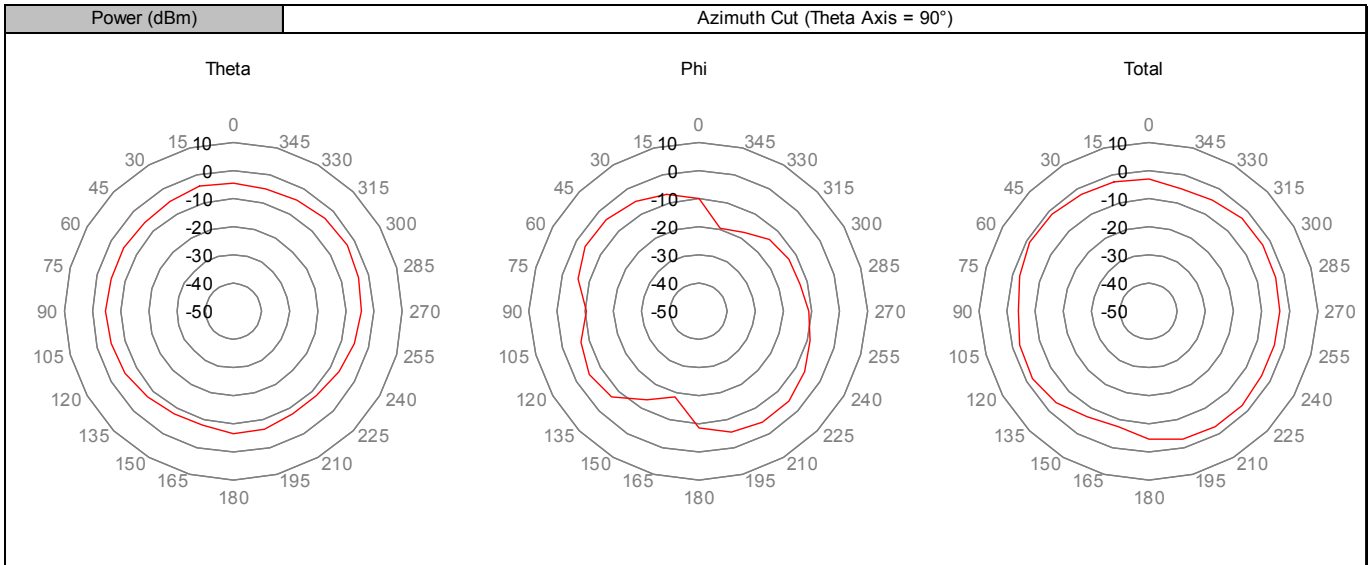
Source: MDTR0665 passive OTA



POLAR PLOTS Frequency (MHz): 698



POLAR PLOTS Frequency (MHz): 960



POLAR PLOTS Frequency (MHz): 2170

