

Antenna Datasheet – TV Play 2

1 Information

Antenna 0

Antenna Type	Integrated inverted F antennas		
Frequency (MHz)	2402	2440	2480
Conducted Power (dBm)	5.2	5.9	5.4
Radiated Power (dBm)	9.0	9.7	9.2
Gain (dBi)	3.8	3.8	3.8

Antenna 1

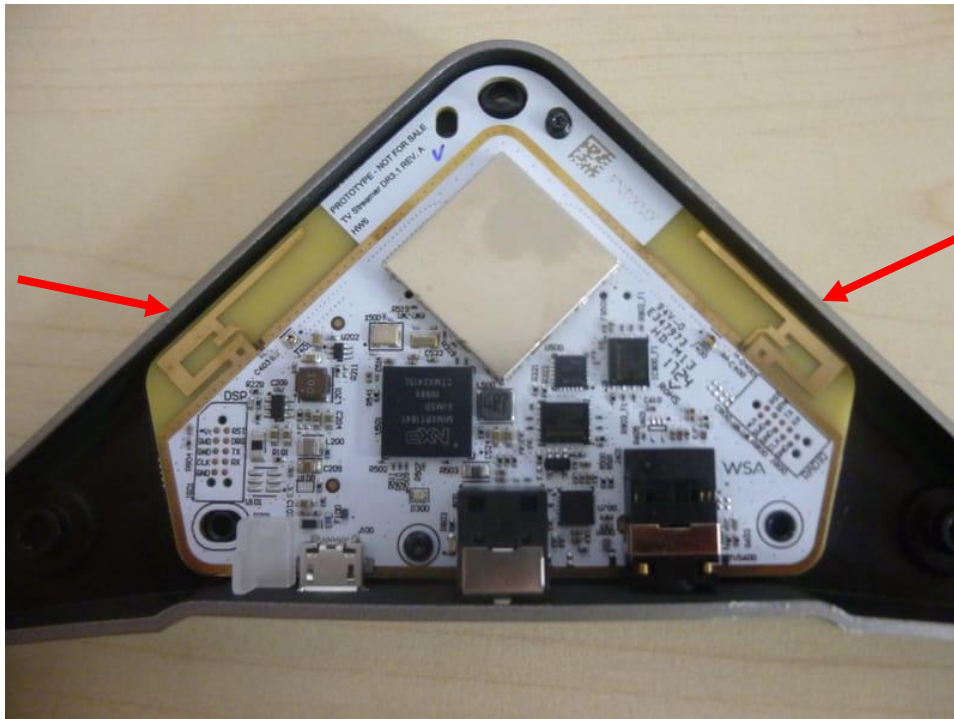
Antenna Type	Integrated inverted F antennas		
Frequency (MHz)	2402	2440	2480
Conducted Power (dBm)	5.1	5.9	5.4
Radiated Power (dBm)	7.6	8.1	8.0
Gain (dBi)	2.5	2.2	2.6

Where Gain = Radiated Power – Conducted Power

2 Antenna Location

The two antennas are located at the left and right edge of the PCB:

Antenna 1

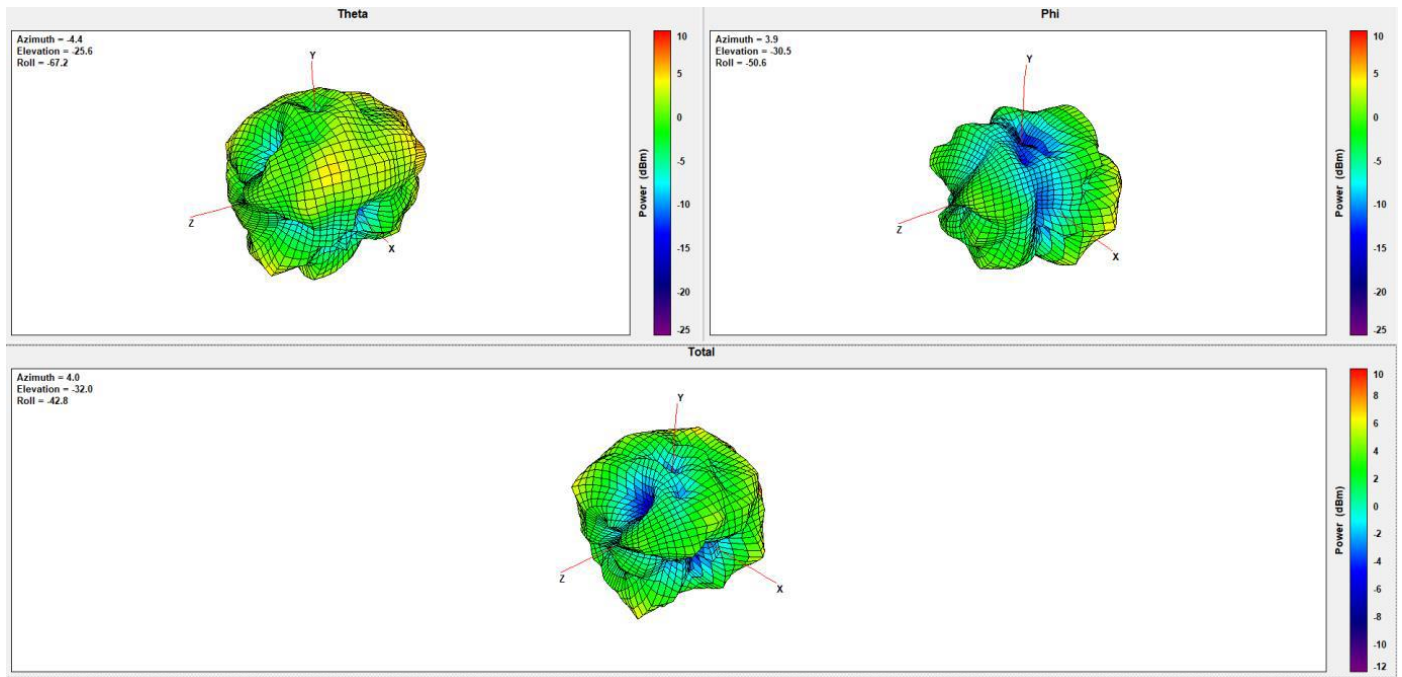


Antenna 0

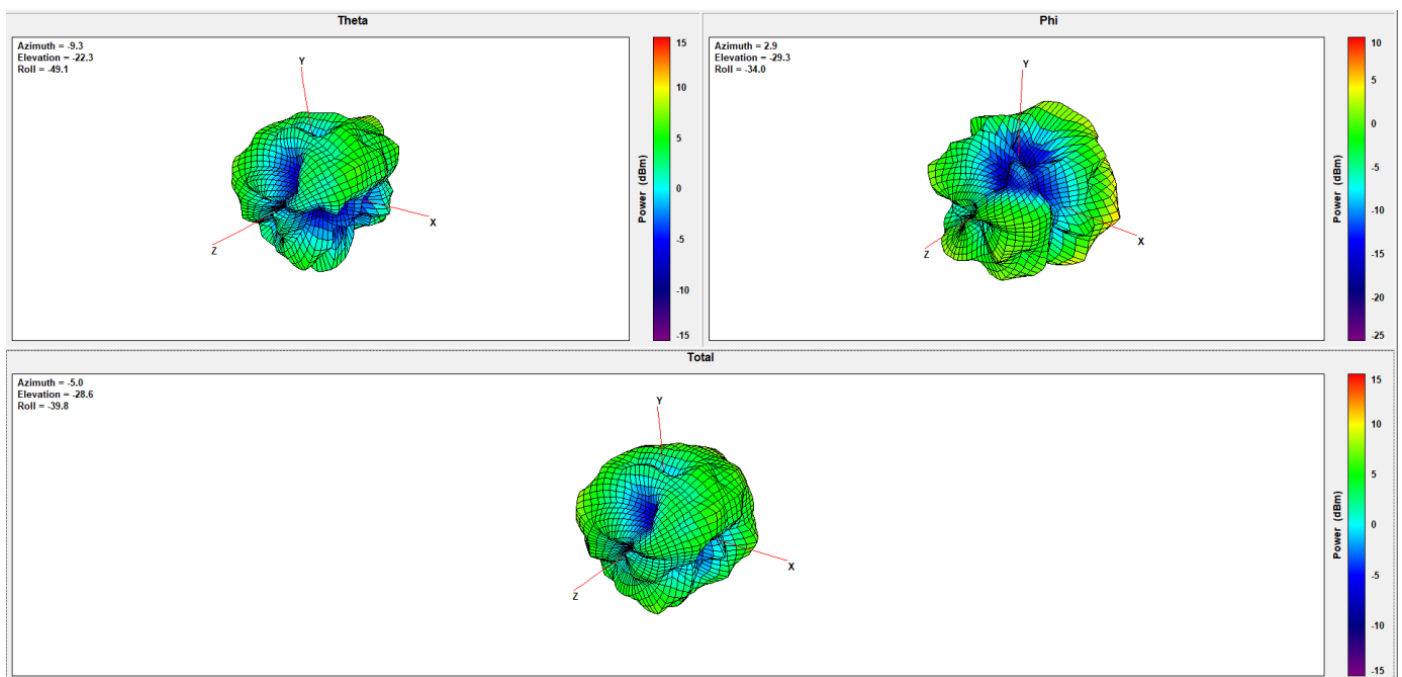
3 Antenna Radiation Pattern

Antenna 0:

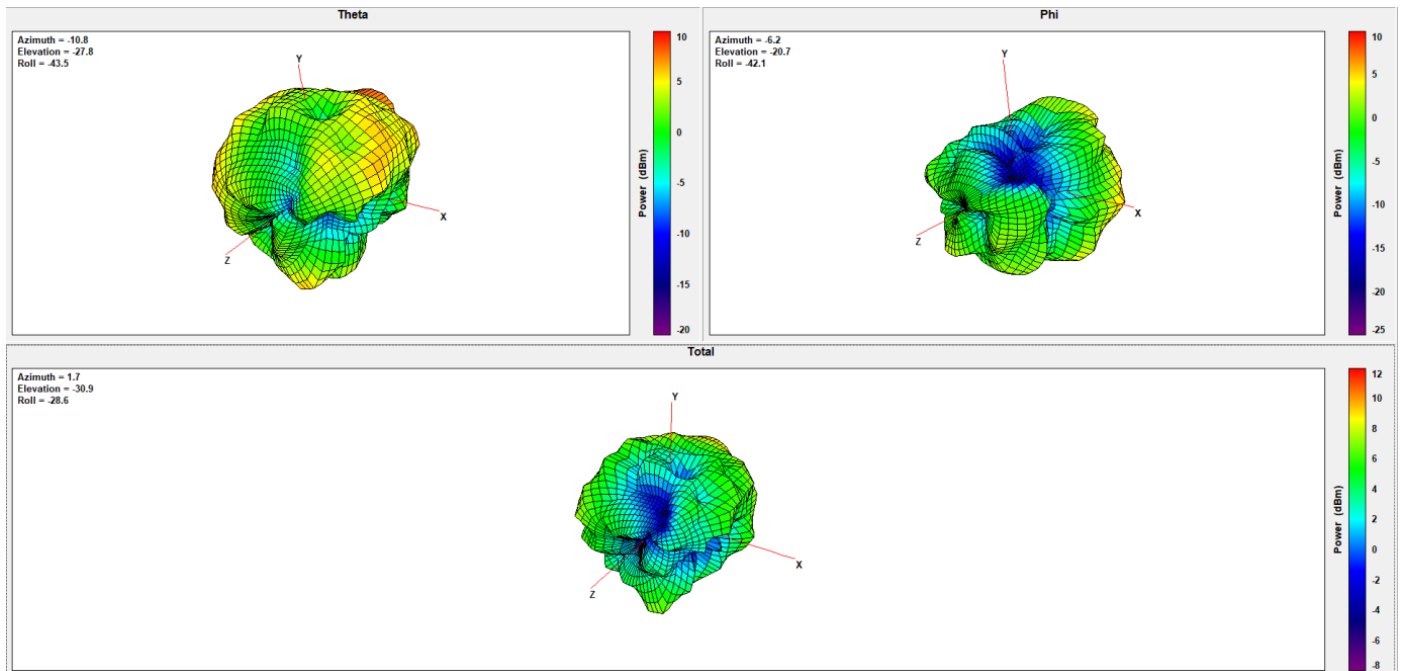
Low channel:



Mid channel:

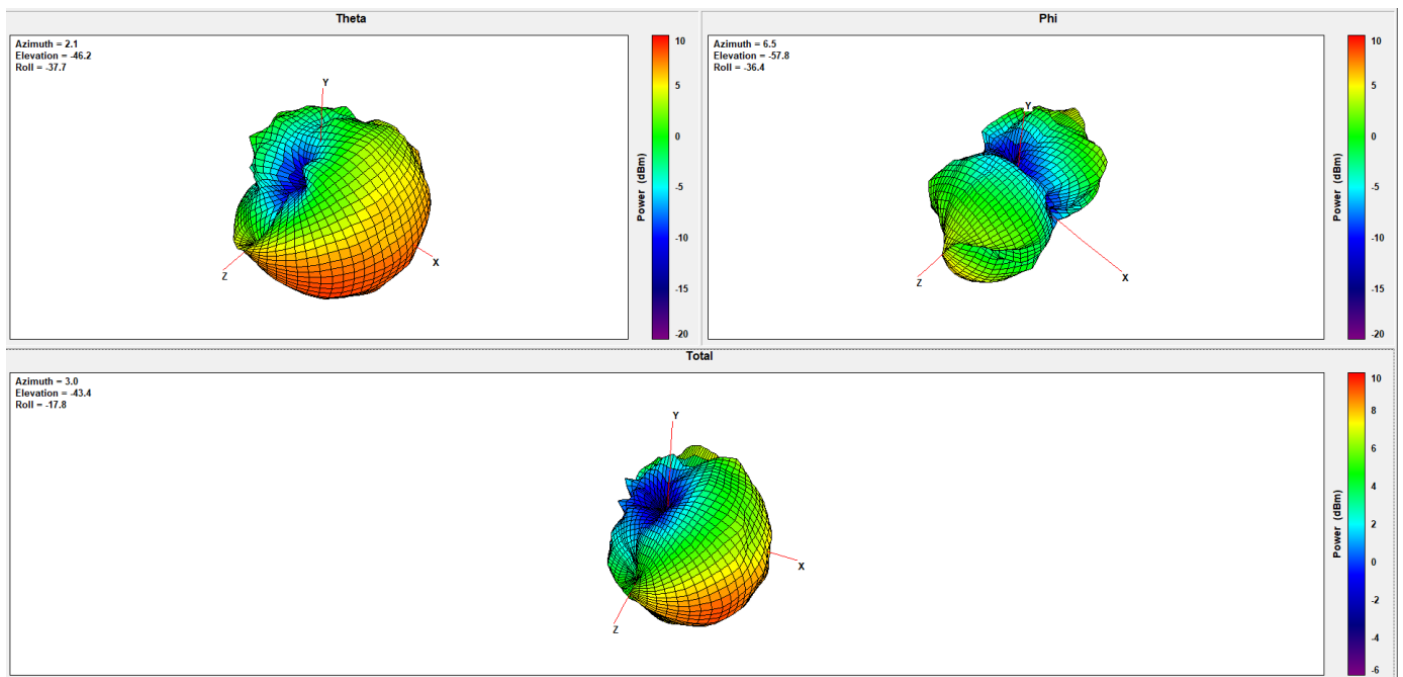


High channel:

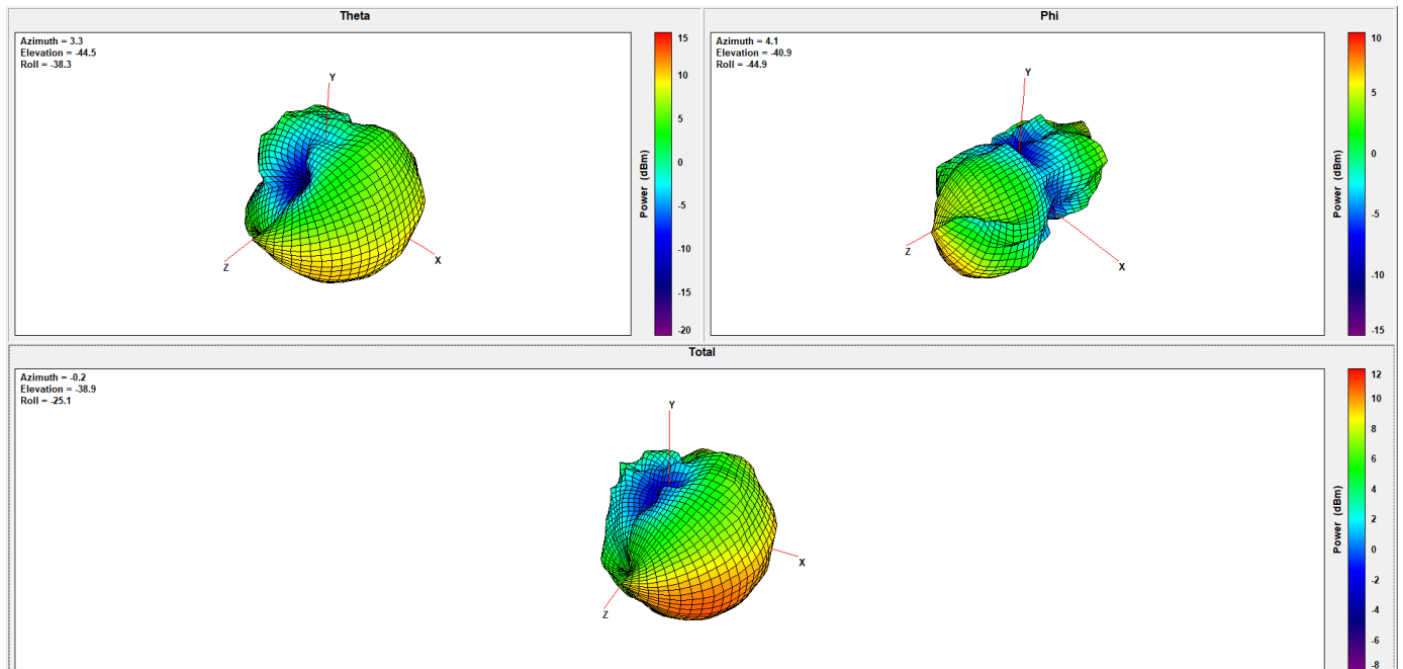


Antenna 1:

Low channel:



Mid channel:



High channel:

