

# L Band & 2.4G & S Band Antenna

MODEL: TH-1438C



## 1.. GENERAL DESCRIPTION

Model No
TH1438C-SMA(M)

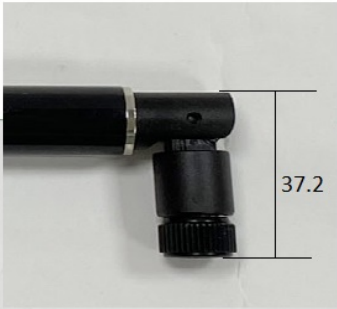
### 1.1 Electrical Properties



Parameter	Description
Frequency Band	1425~1450 & 2400~2500MHz (VSWR:1.5:1 ) 1200~1600 & 2250~3000Mhz (VSWR:2.0:1 )
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

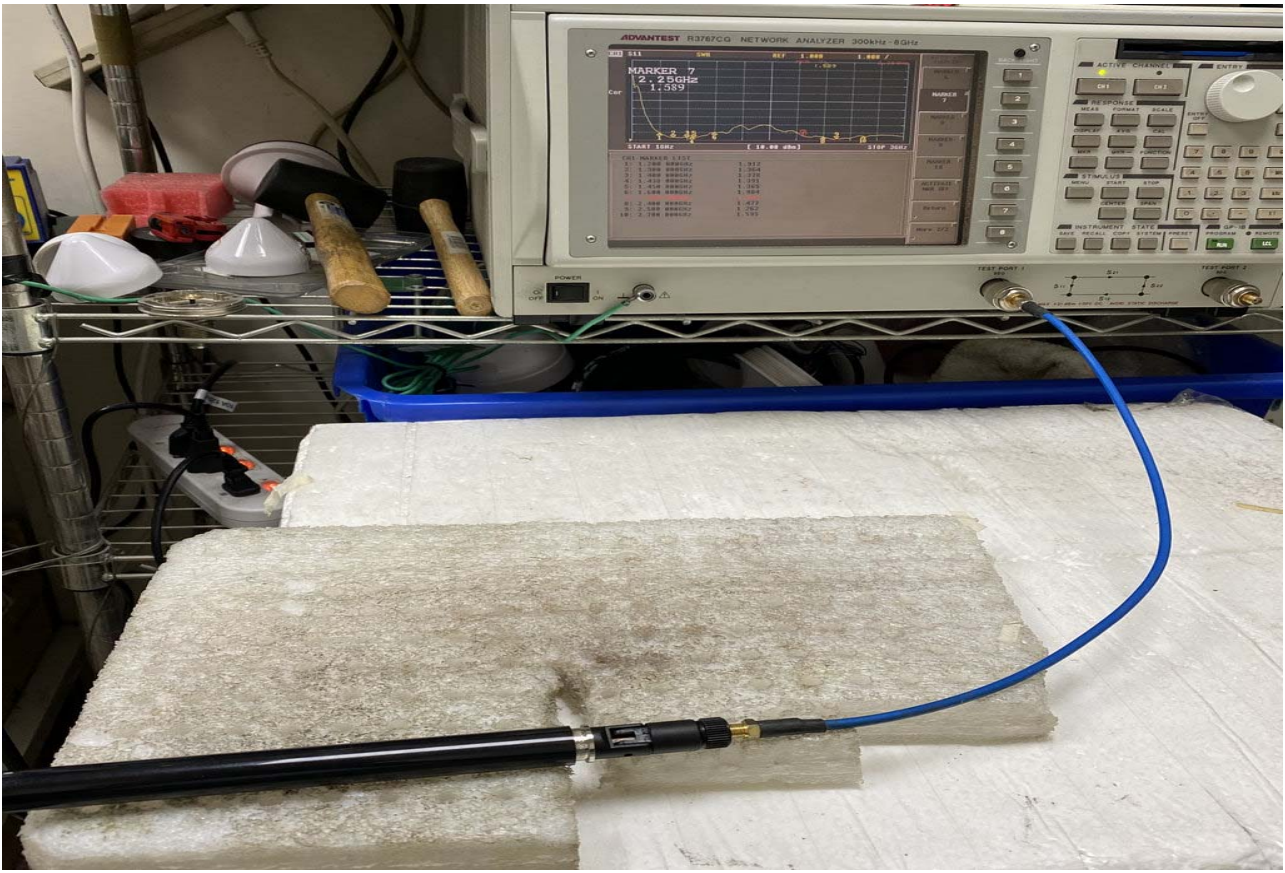
### 1.2 Mechanical Properties

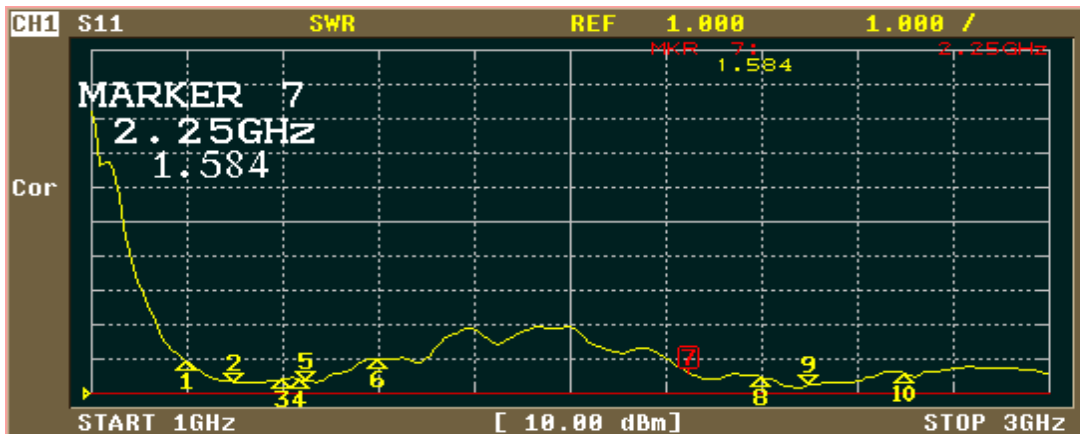
Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	SMA connector (Male)
Antenna Dimensions	Ø16 x 195mm ±3
Antenna Color	Black
Operating Temperature Range	-30°C~+80°C
Storage Temperature Range	-30°C~+80°C

NO.	NAME	Q, TY
01	ASA-UV Tube	01
02	SMA(M)	01



 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
			TH-1438C			M/M		20200323
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					





ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

MARKER 9

MARKER 10

ACTIVATE MKR OFF

Return

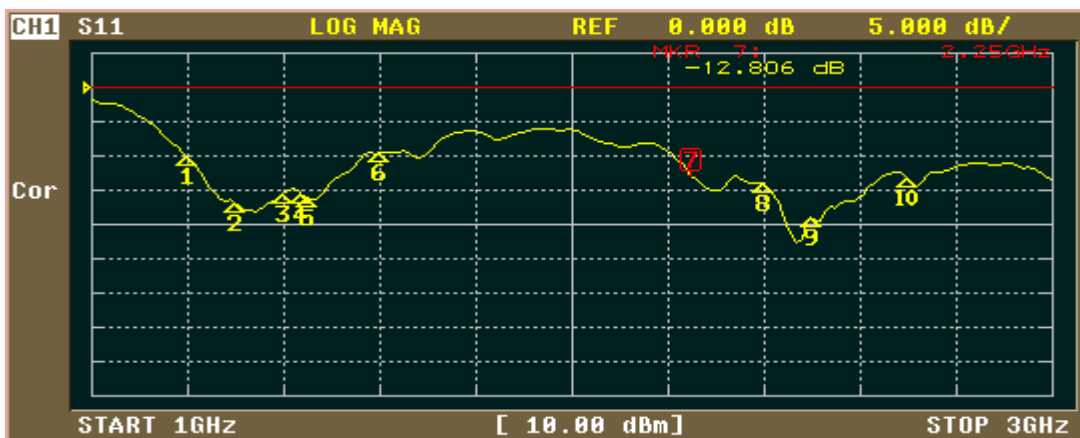
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More 2/2

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CH1 MARKER LIST

1:	1.200 000GHz	1.925
2:	1.300 000GHz	1.341
3:	1.400 000GHz	1.402
4:	1.438 000GHz	1.395
5:	1.450 000GHz	1.375
6:	1.600 000GHz	1.999
7:	2.250 000GHz	1.584
8:	2.400 000GHz	1.488
9:	2.500 000GHz	1.264
10:	2.700 000GHz	1.568



FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

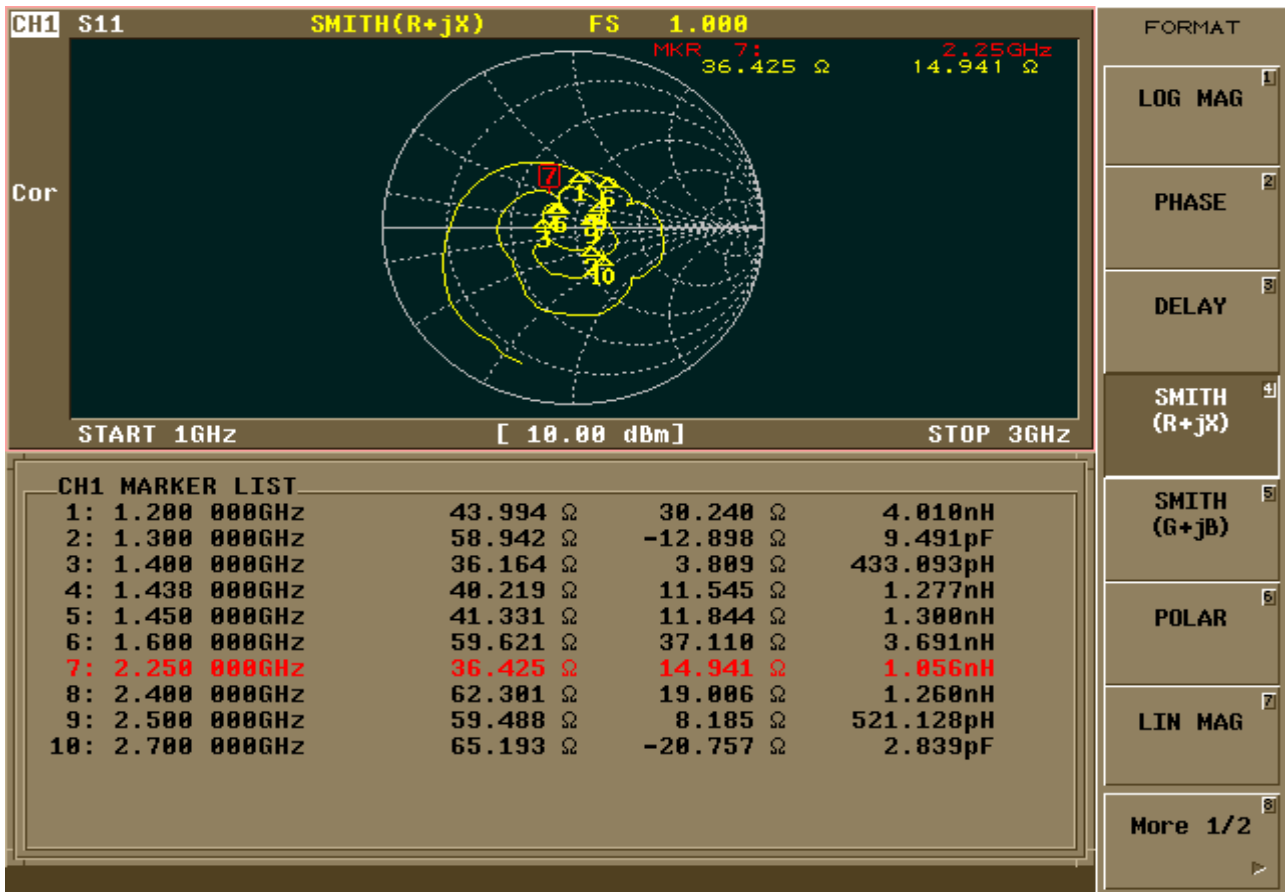
LIN MAG

More 1/2

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CH1 MARKER LIST

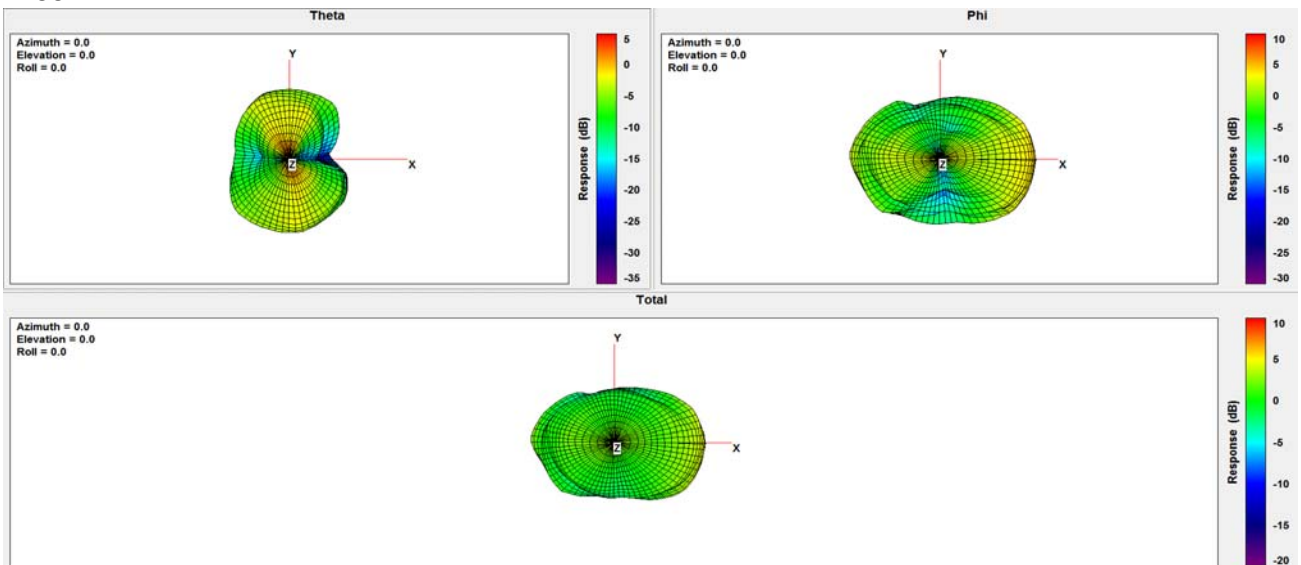
1:	1.200 000GHz	-10.121 dB
2:	1.300 000GHz	-16.847 dB
3:	1.400 000GHz	-15.546 dB
4:	1.438 000GHz	-15.583 dB
5:	1.450 000GHz	-15.965 dB
6:	1.600 000GHz	-9.582 dB
7:	2.250 000GHz	-12.806 dB
8:	2.400 000GHz	-13.997 dB
9:	2.500 000GHz	-18.872 dB
10:	2.700 000GHz	-13.221 dB



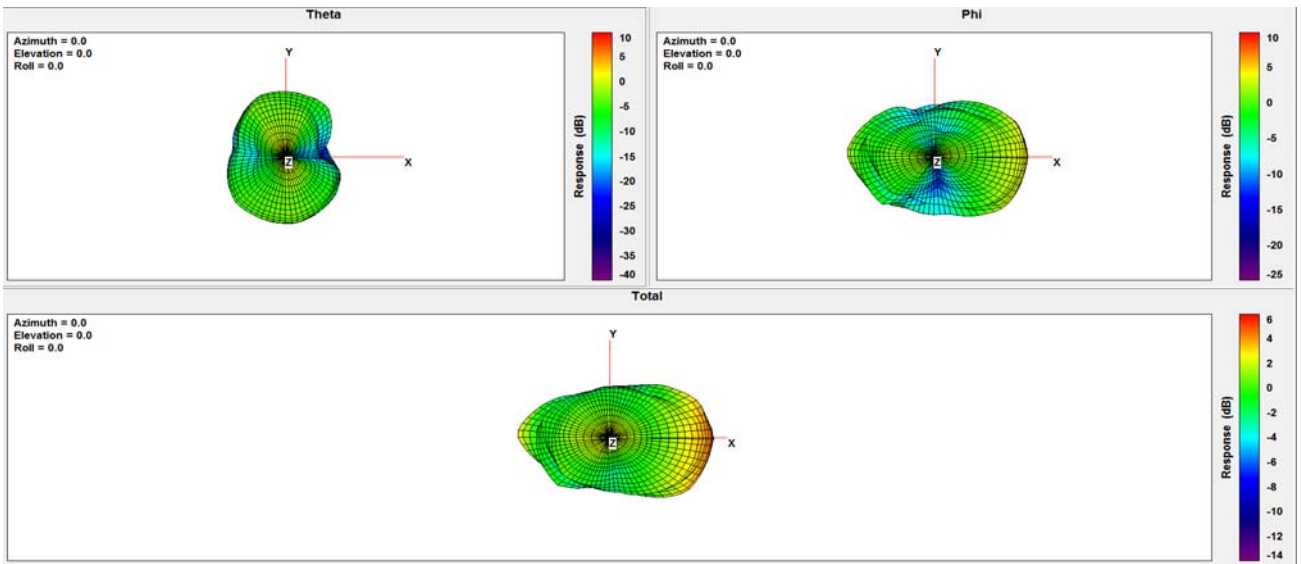




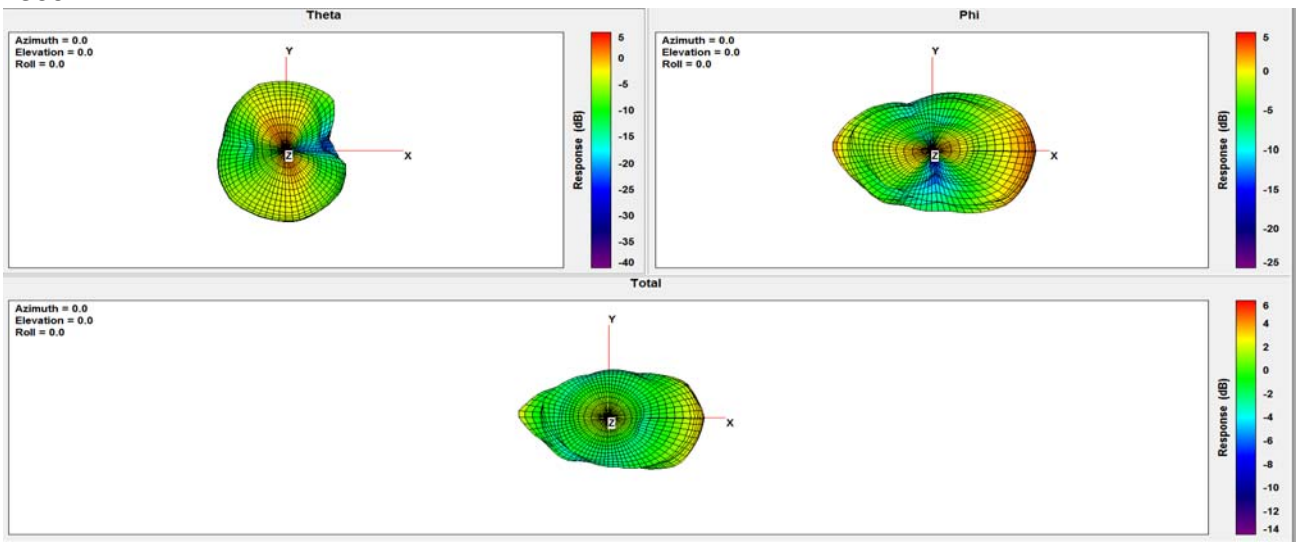
### 1200Mhz:



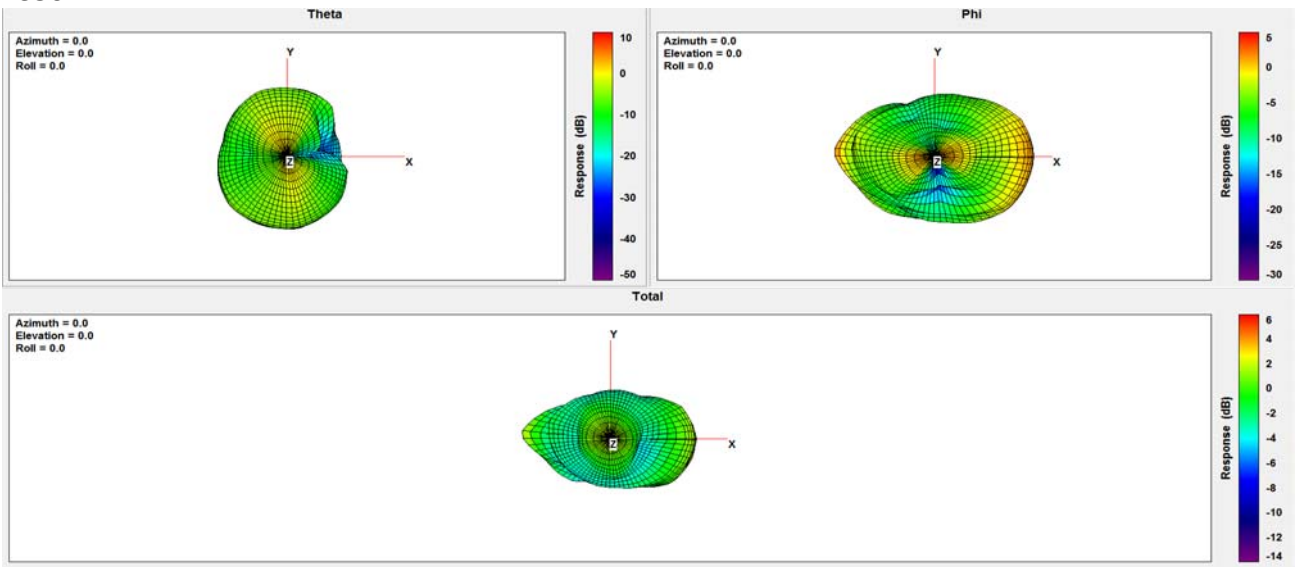
### 1250Mhz:



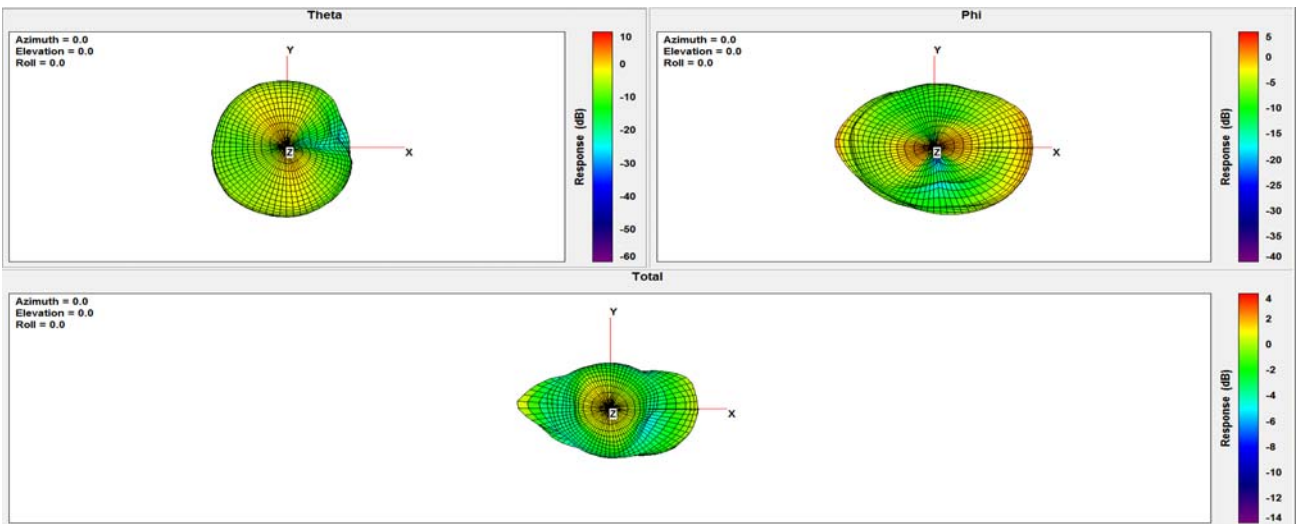
### 1300Mhz:



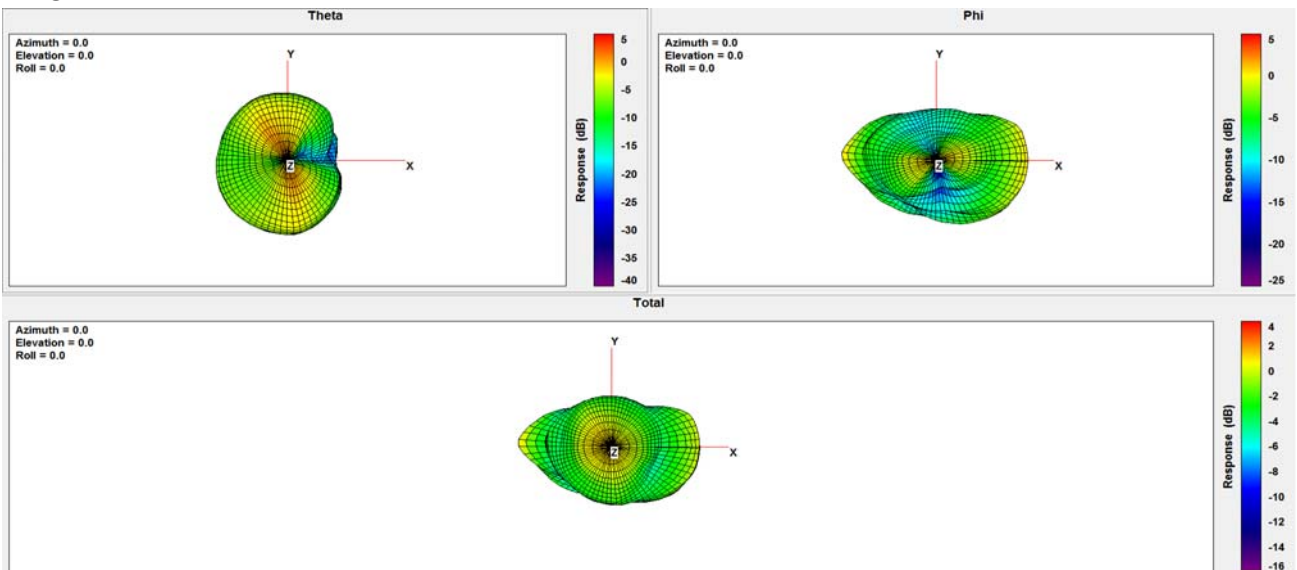
### 1350Mhz:



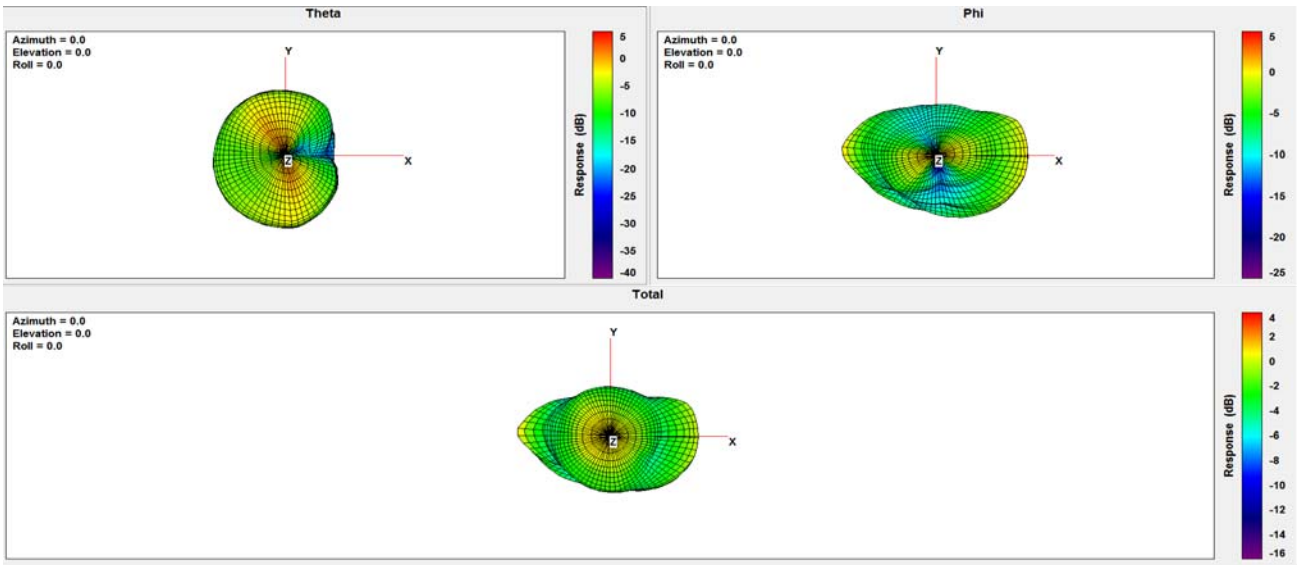
### 1400Mhz:



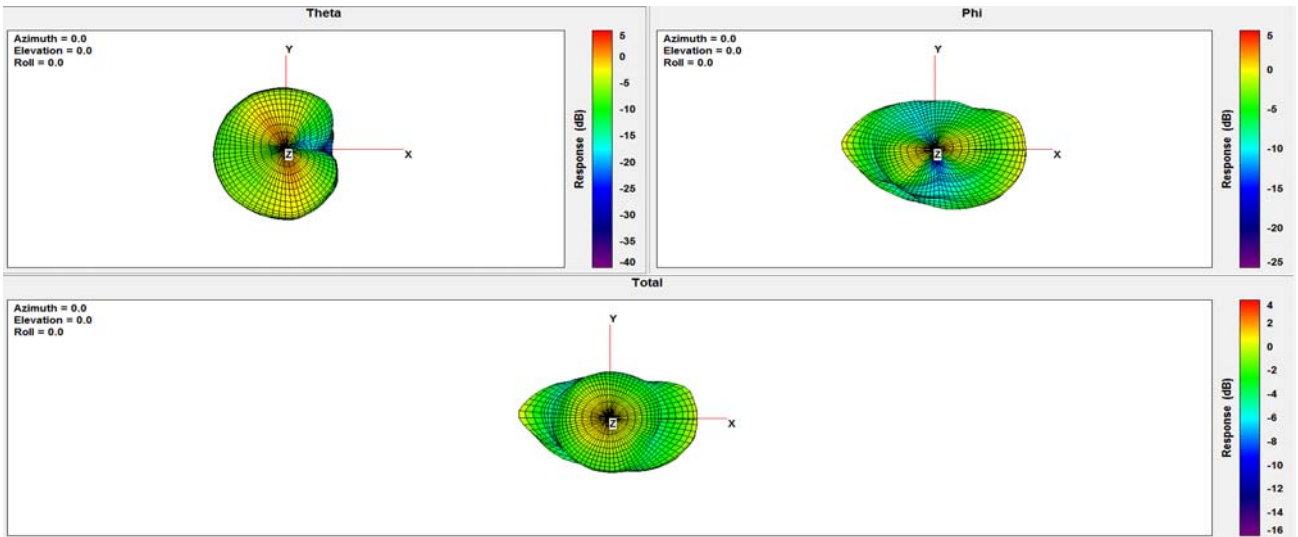
### 1425Mhz:



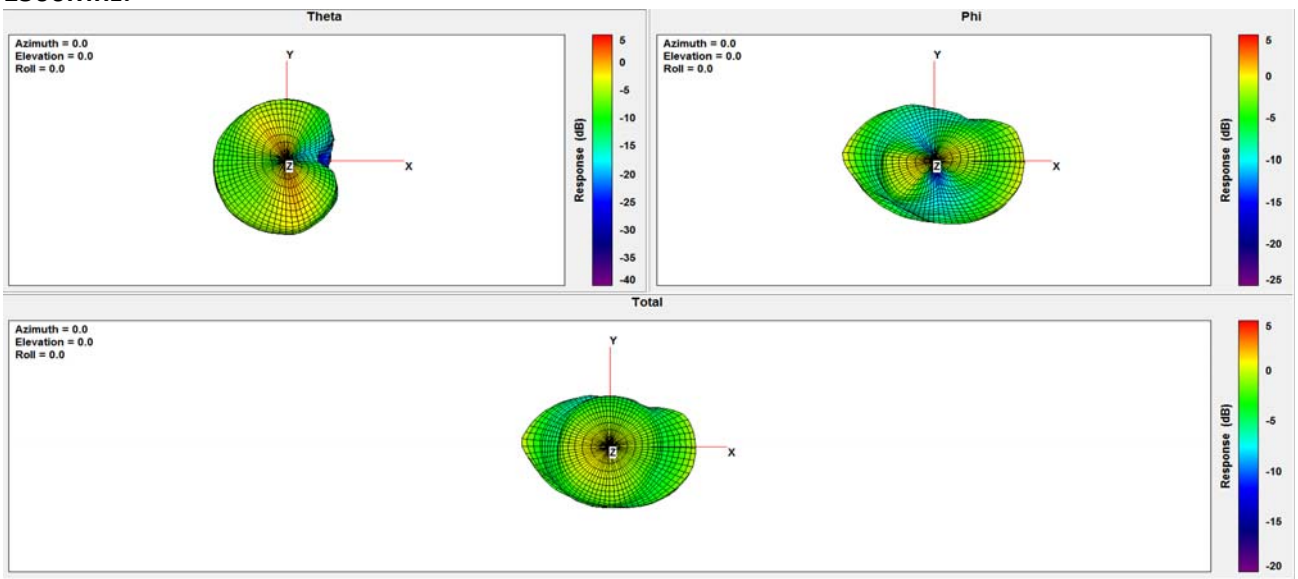
### 1438Mhz:



### 1450Mhz:

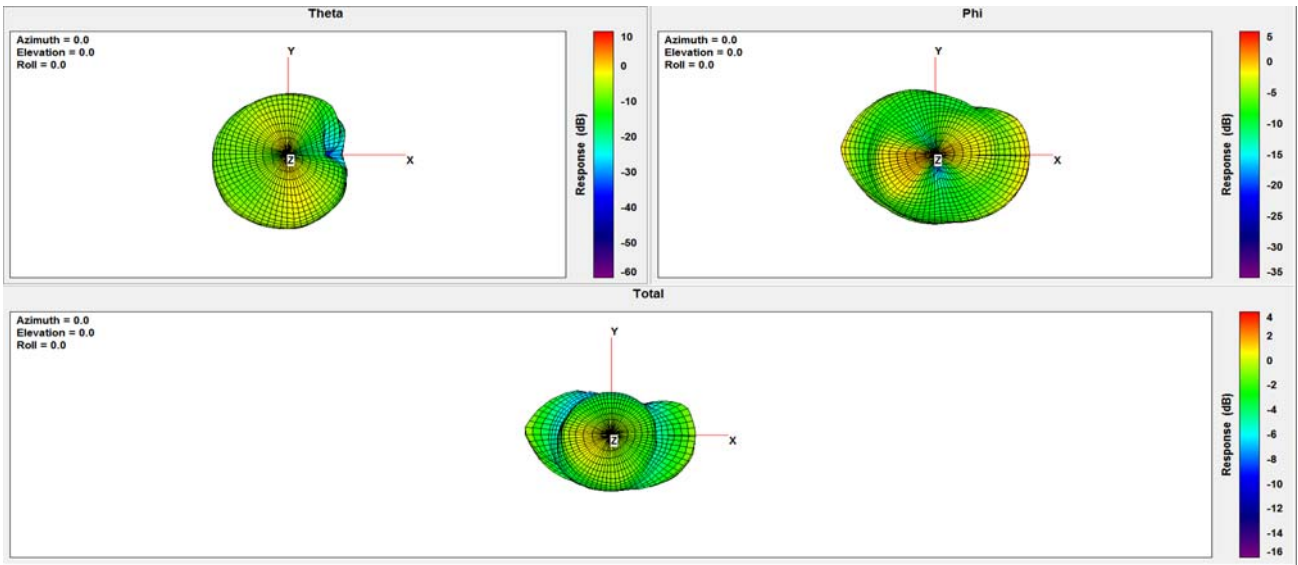


### 1500Mhz:

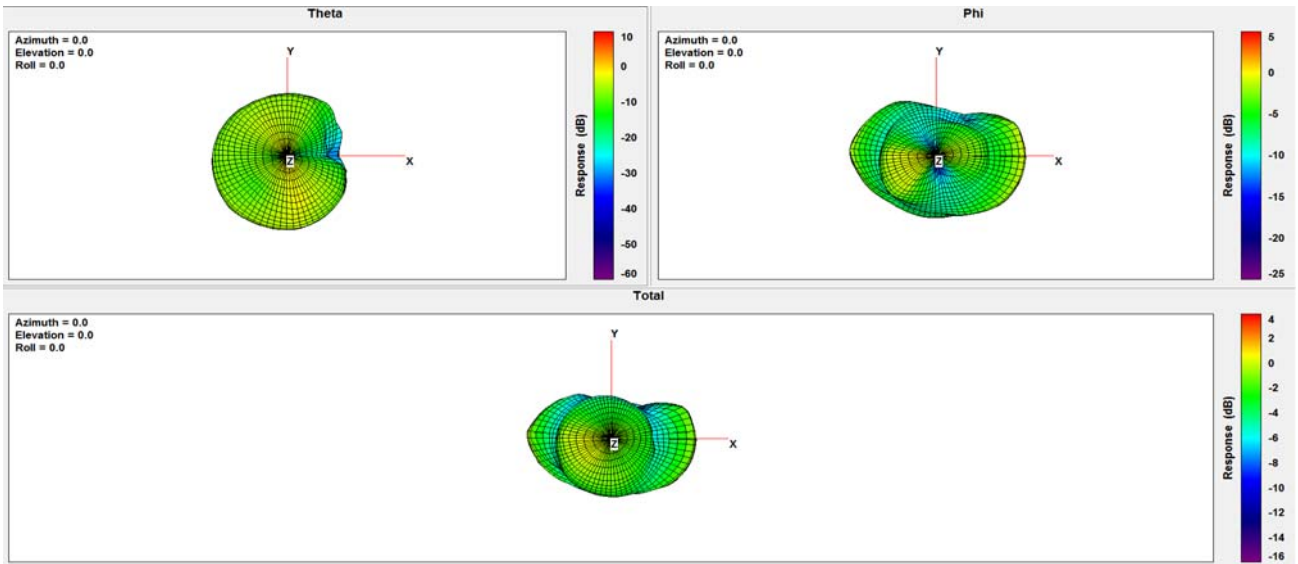




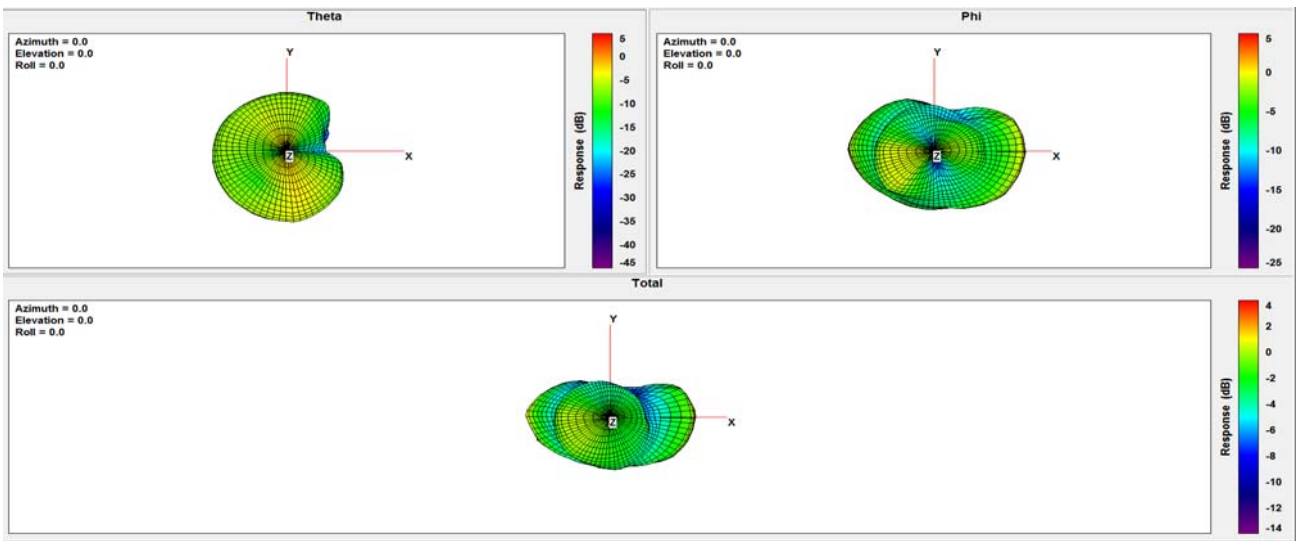
### 1542Mhz:



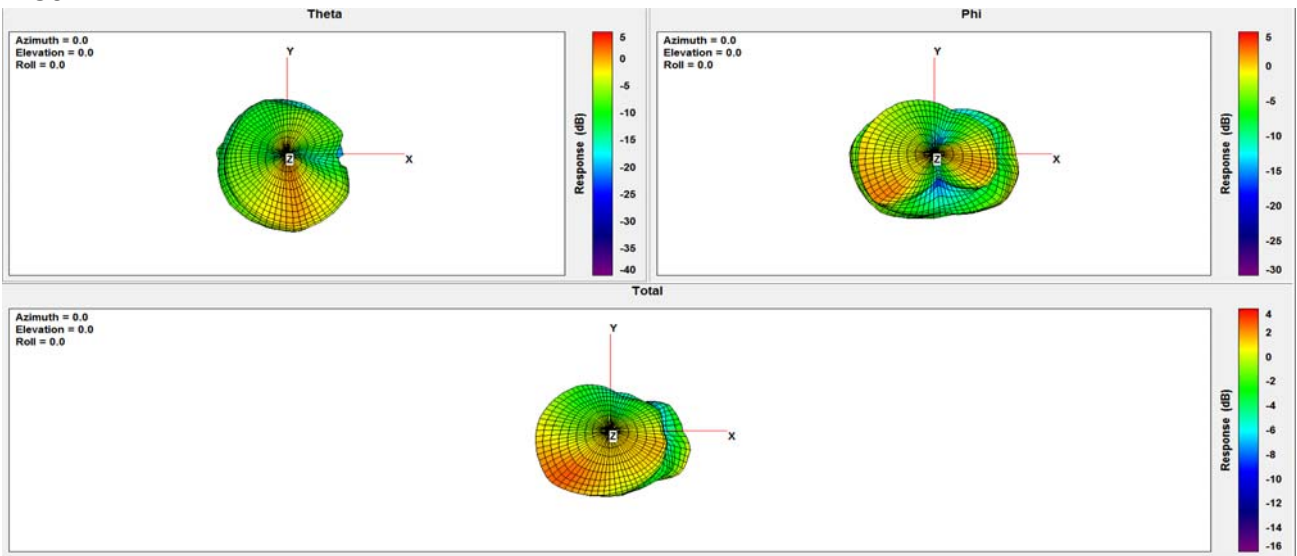
### 1575Mhz:



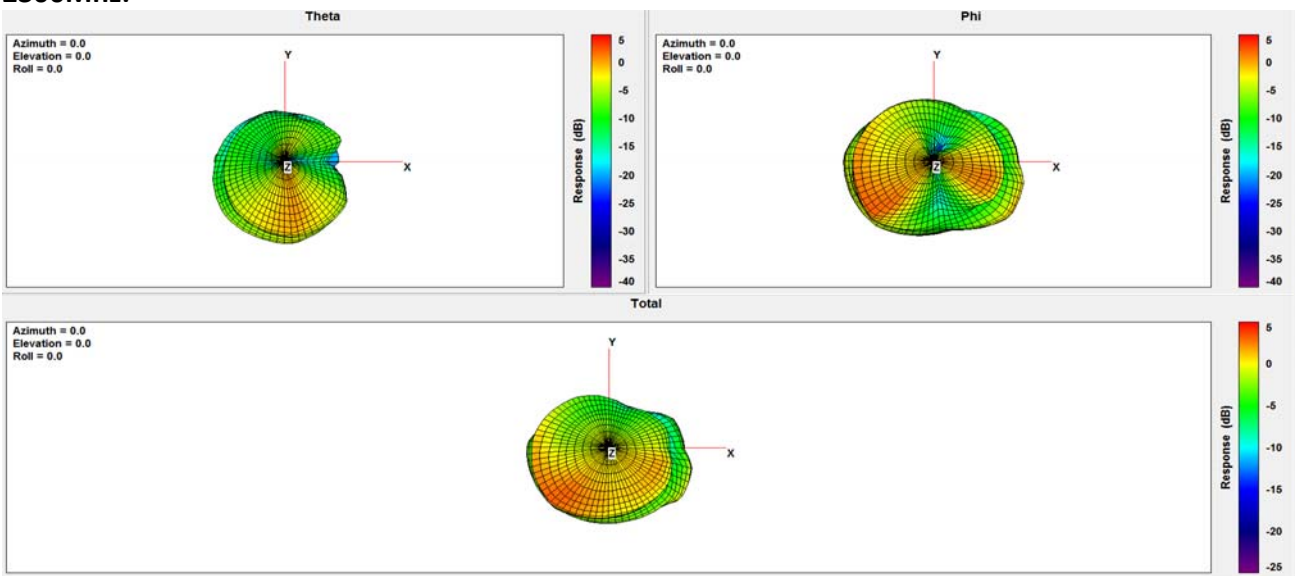
### 1600Mhz:



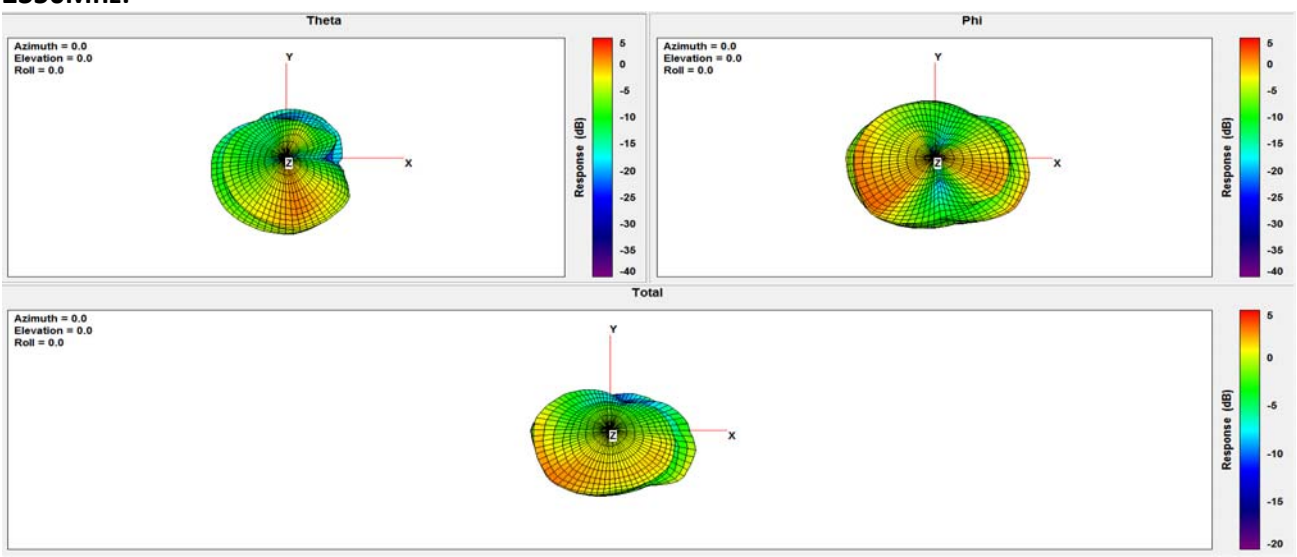
### 2250Mhz:



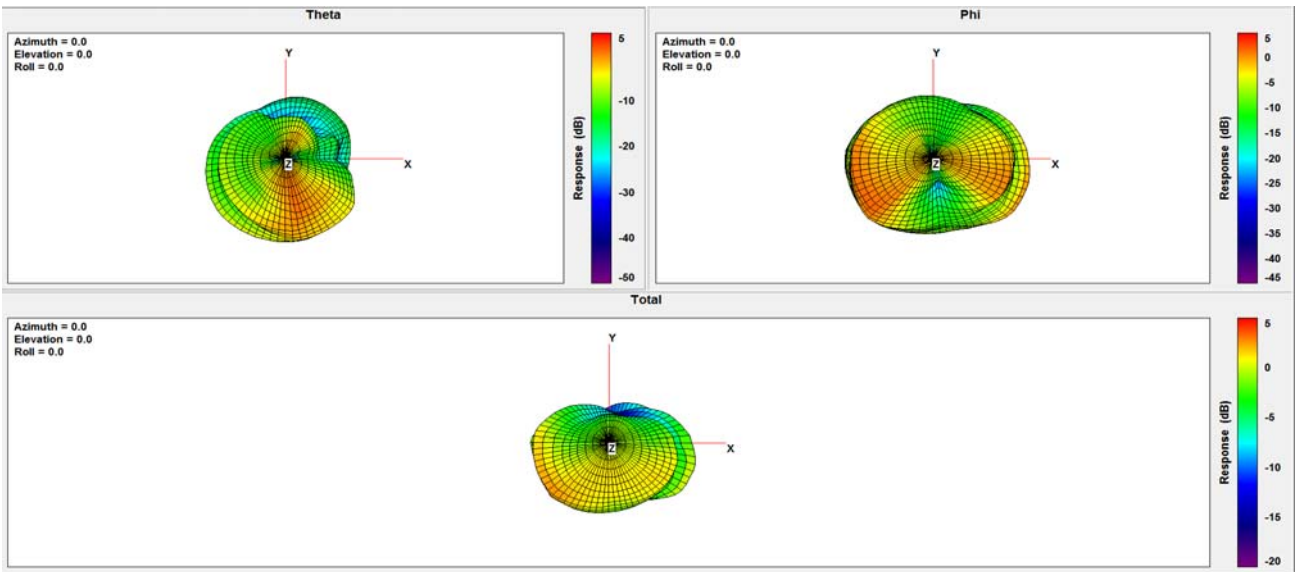
### 2300Mhz:



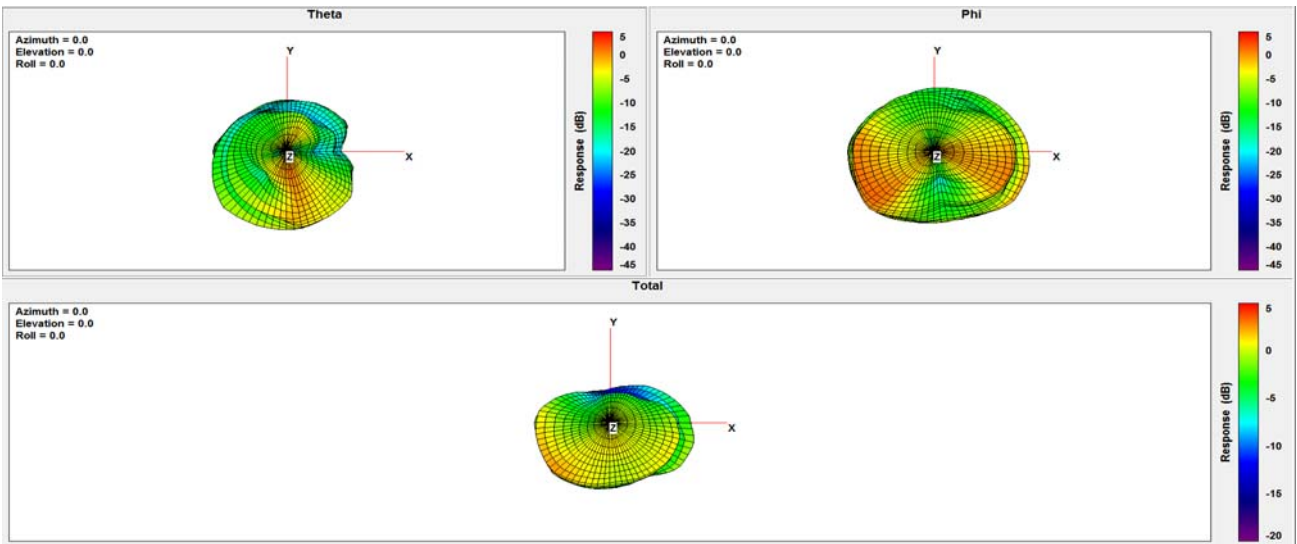
### 2350Mhz:



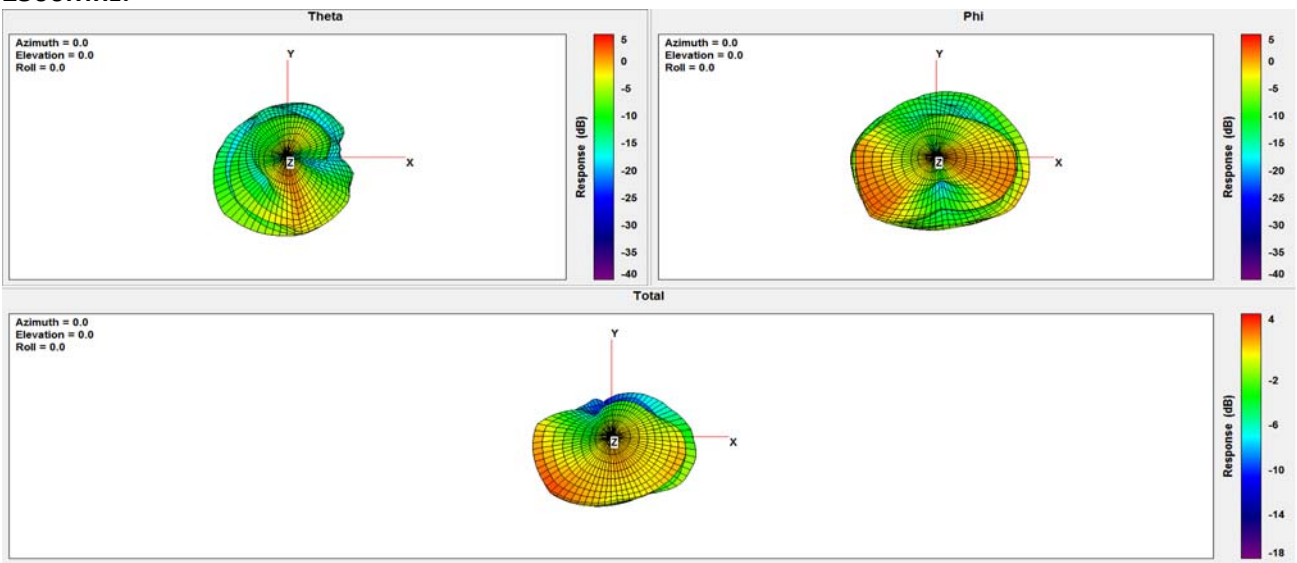
### 2400Mhz:



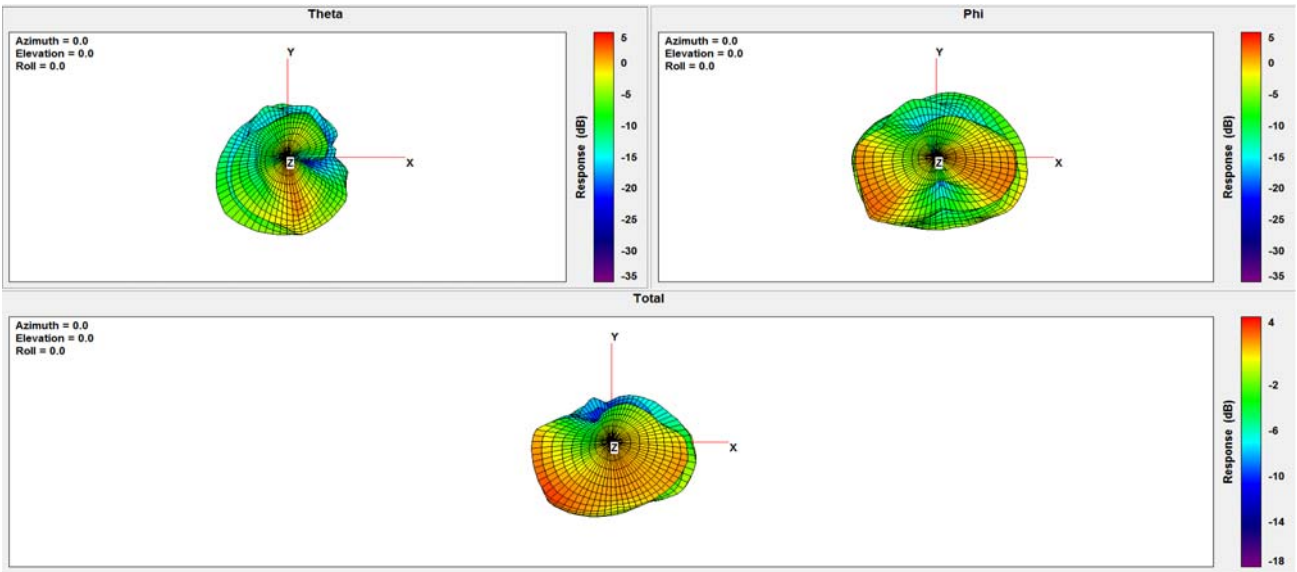
### 2450Mhz:



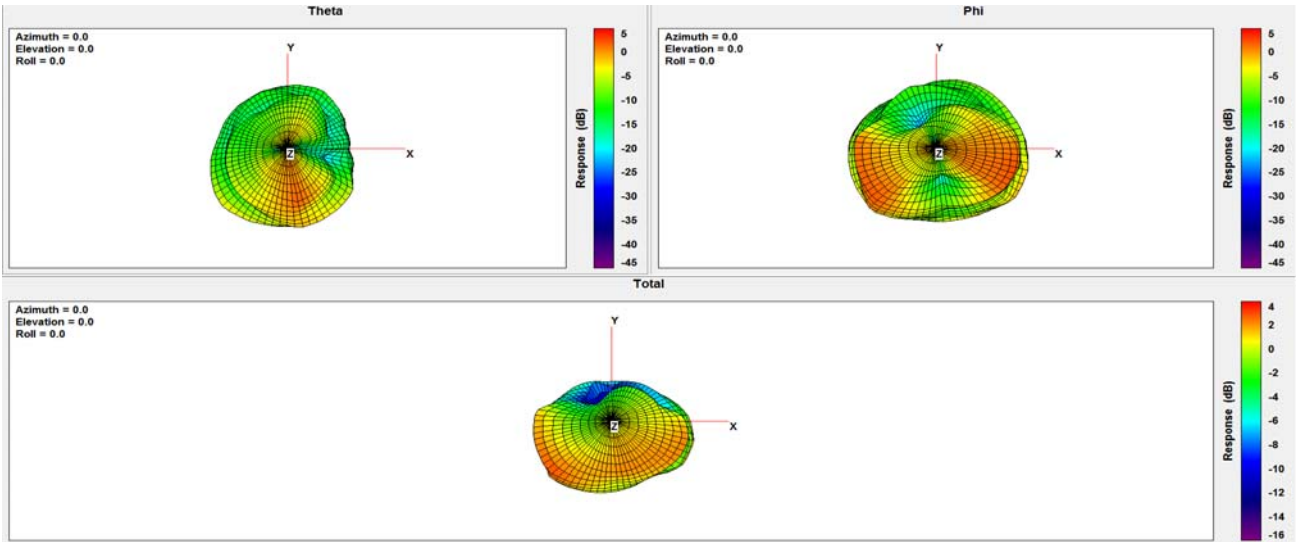
### 2500Mhz:



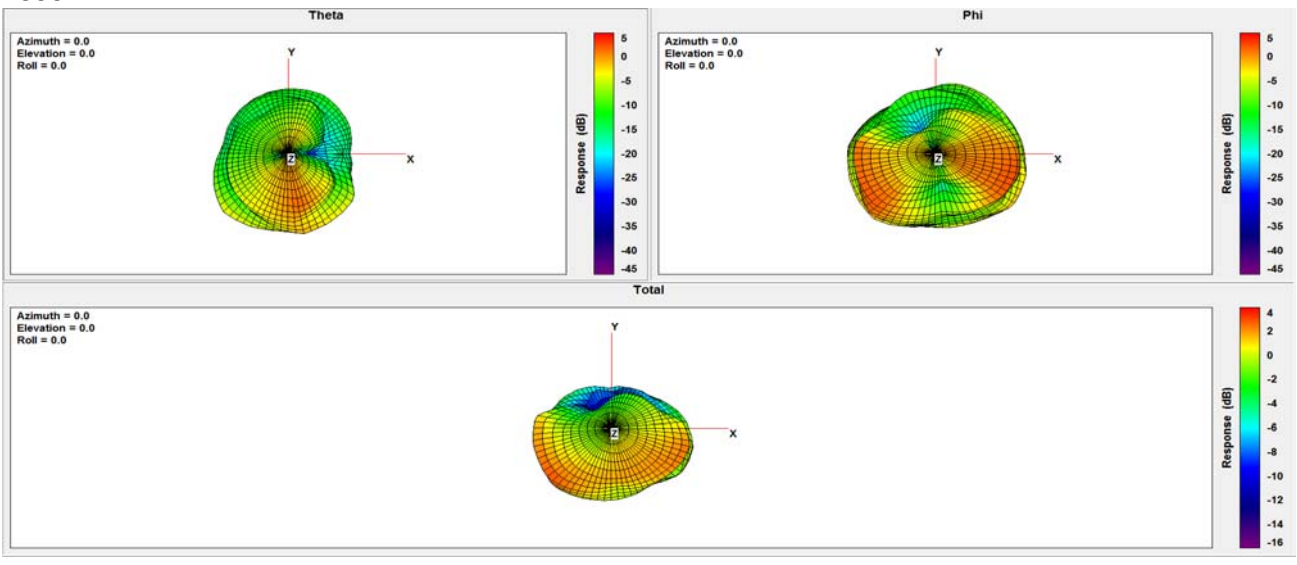
### 2530Mhz:



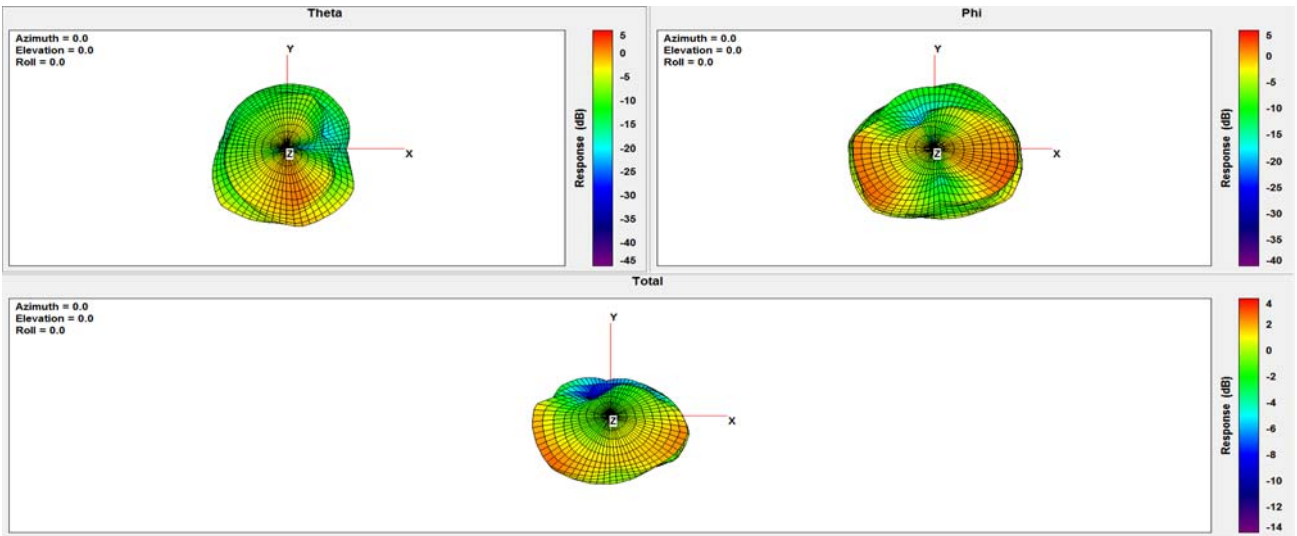
### 2575Mhz:



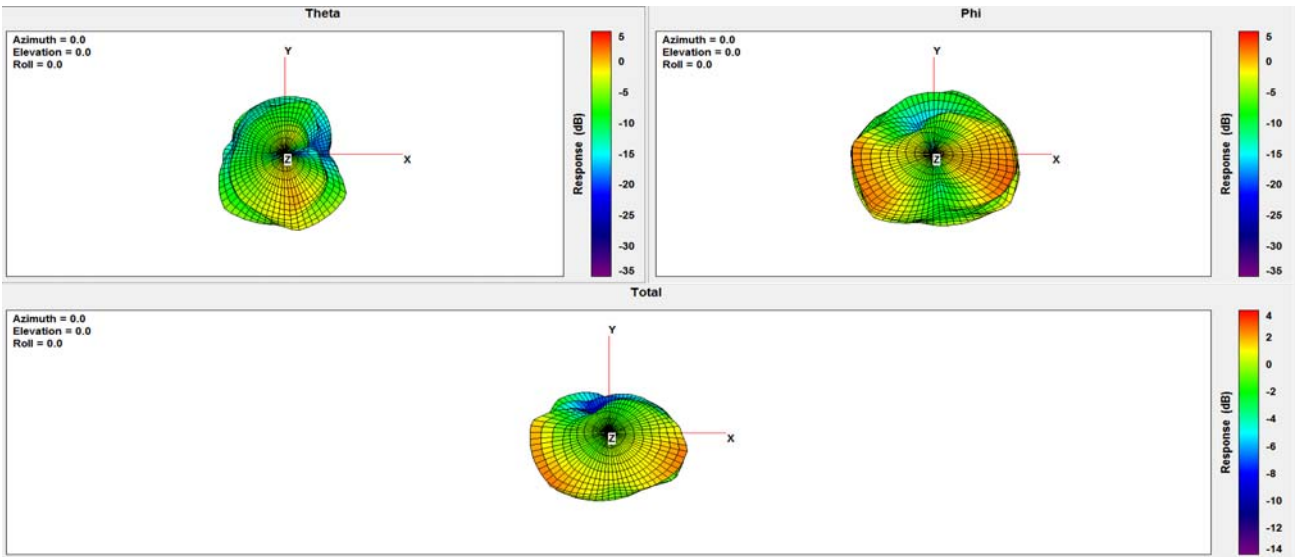
### 2600Mhz:



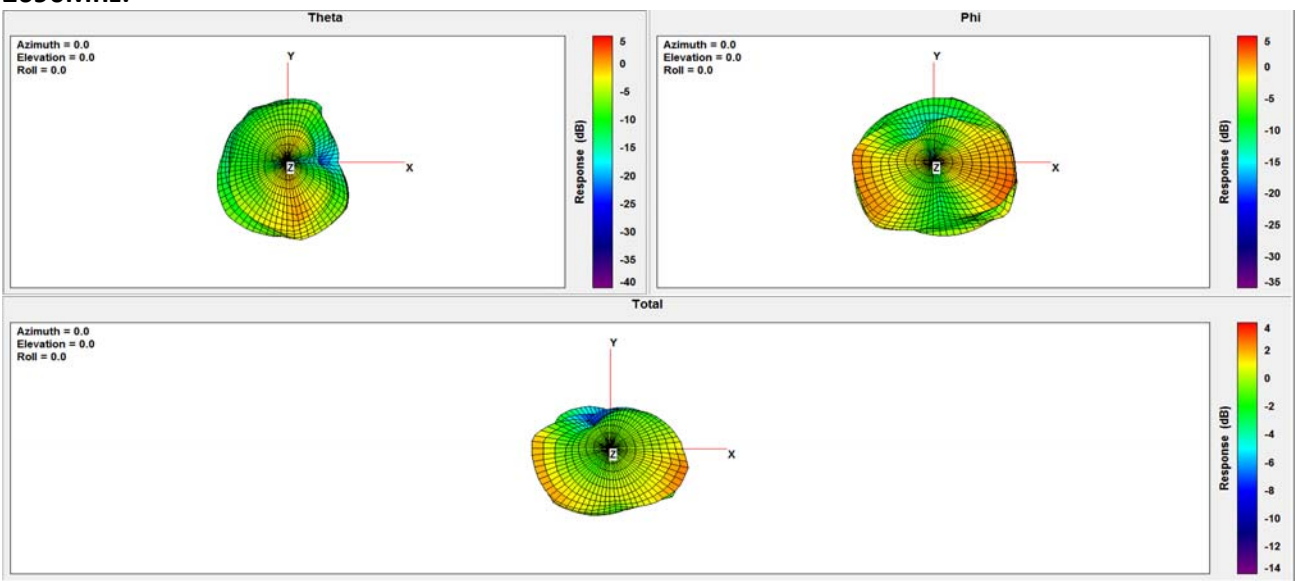
### 2625Mhz:



### 2650Mhz:

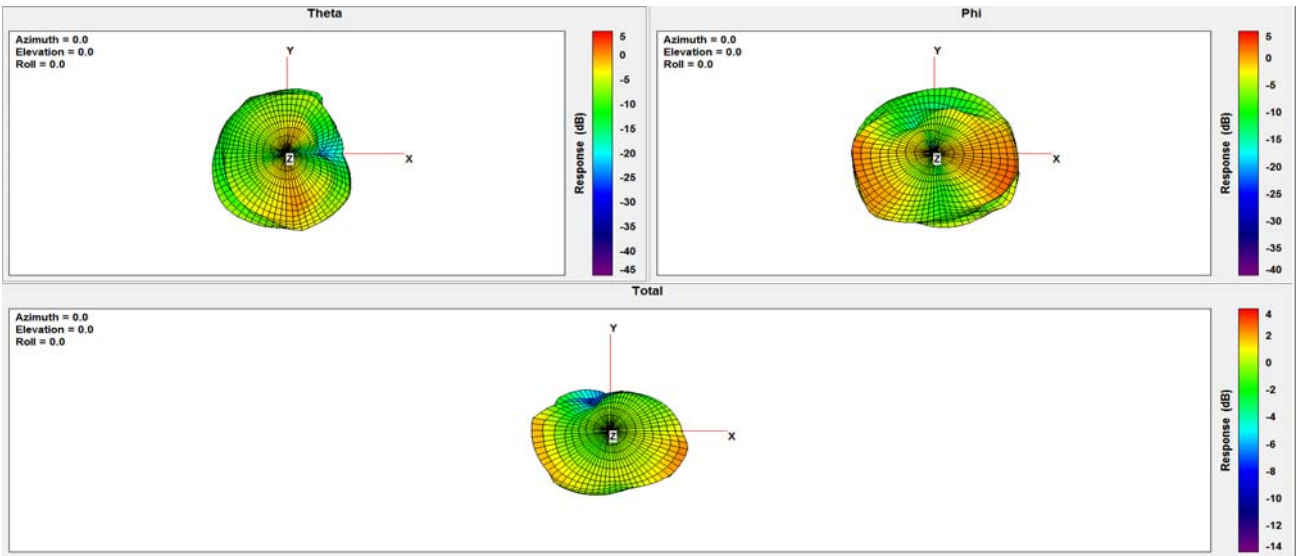


### 2690Mhz:

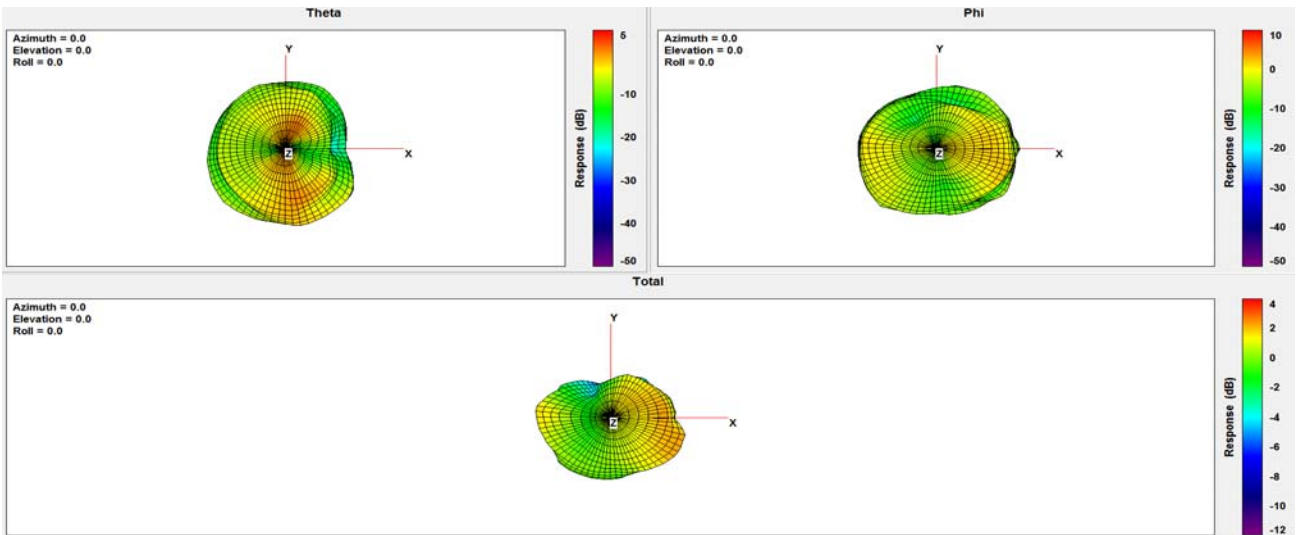




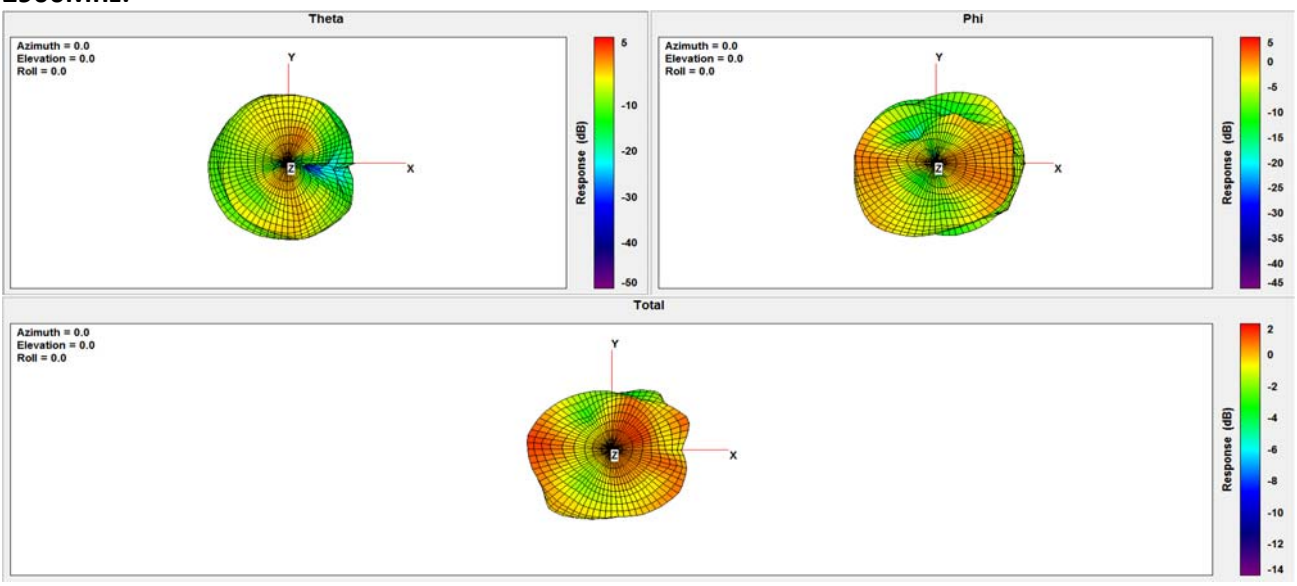
### 2700Mhz:



### 2800Mhz:



### 2900Mhz:



# 3000Mhz:

