

# 780Mhz Gooseneck Antenna

MODEL: TH-780C



## 1. GENERAL DESCRIPTION

Model No	P/N
TH-780C	TH780C-N(M)

Below is a table summarizing the antenna design specification.

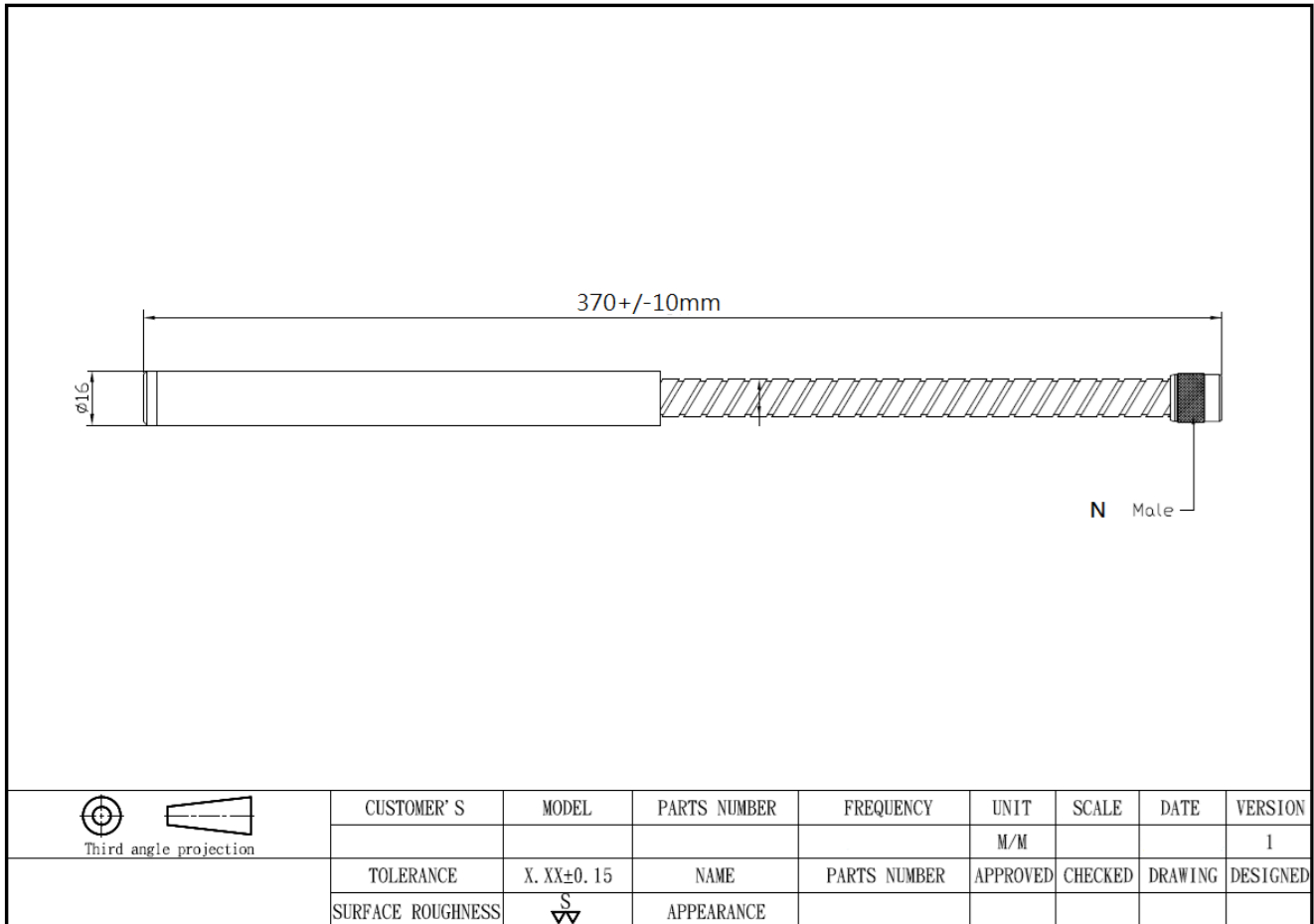
### 1.1 Electrical Properties

Parameter	Description
Frequency Band	760~810 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.5 : 1
Gain	0~3db
POWER	50W

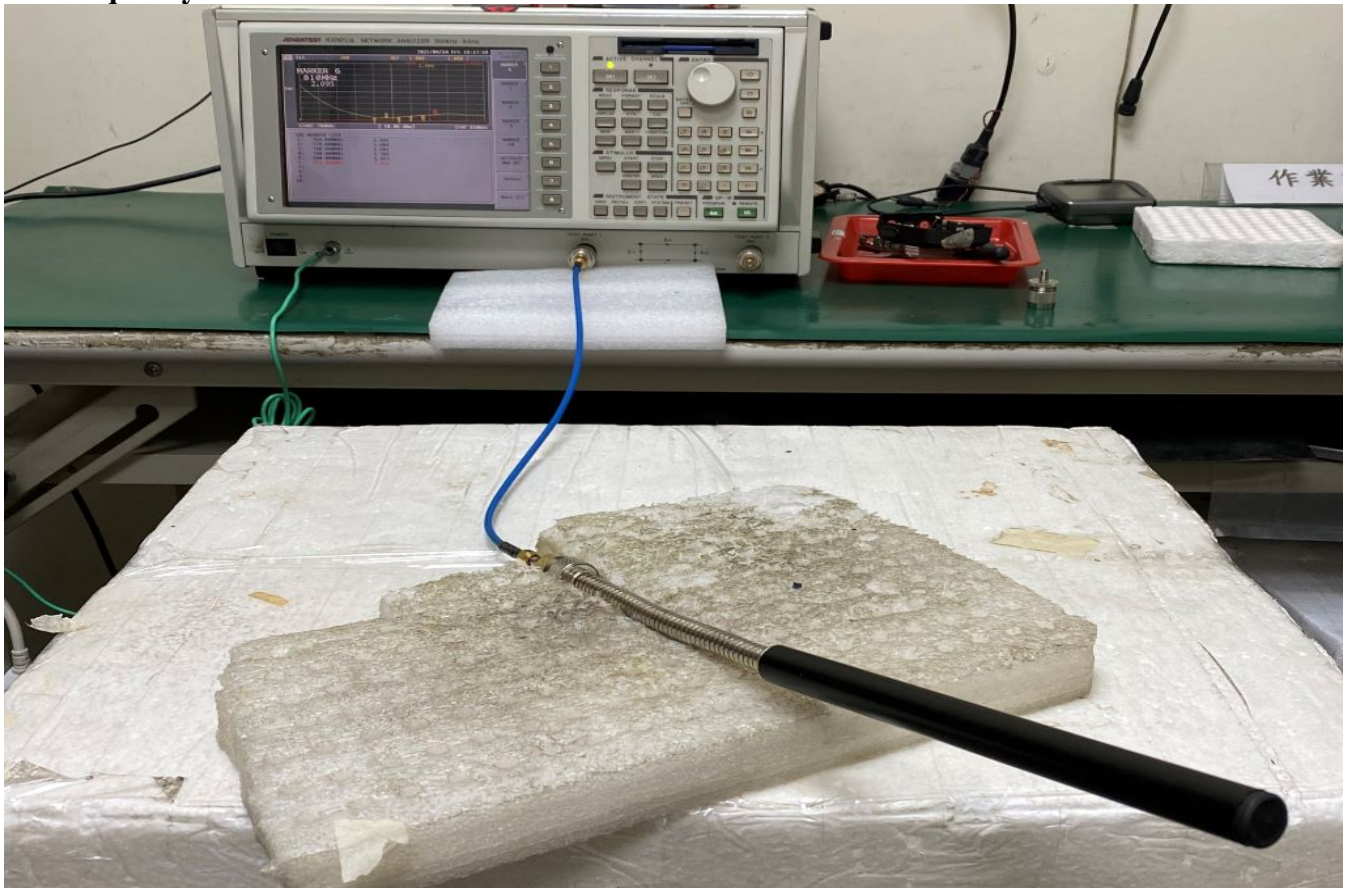
### 1.2 Mechanical Properties

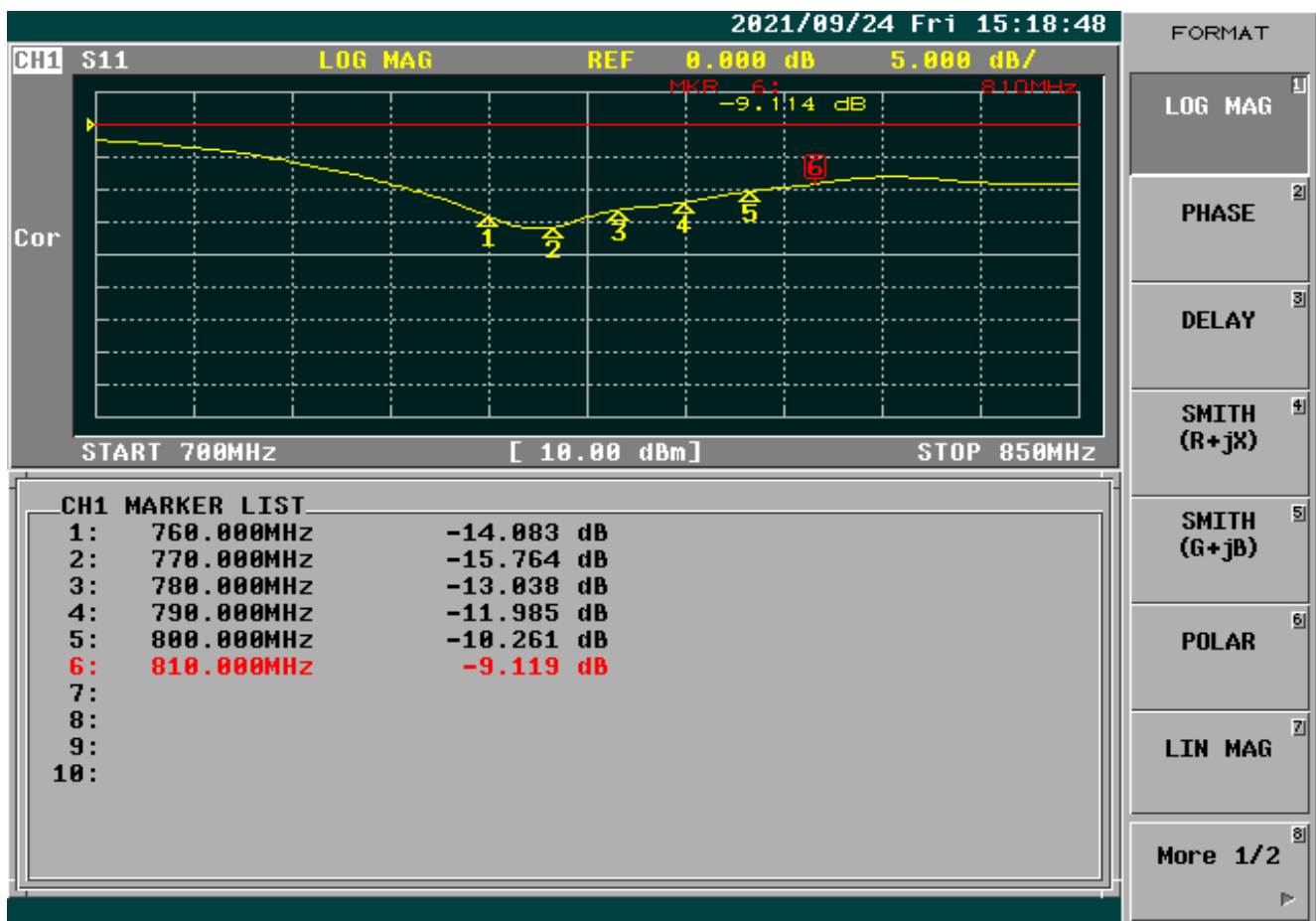
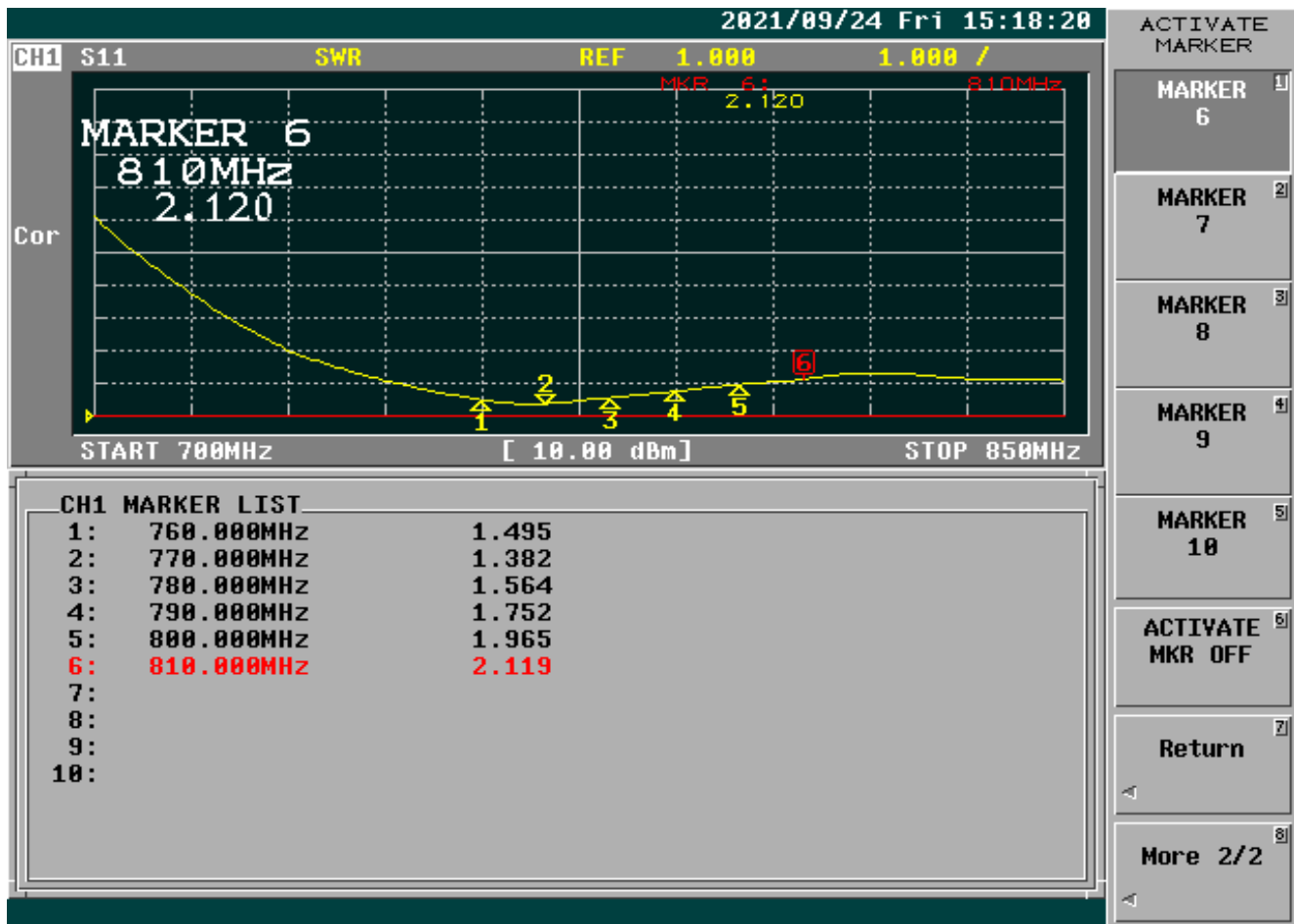
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	N 180°(Male)
Antenna Dimensions	370mm ±10
Antenna Color	Black
Operating Temperature Range	-30°C~+80°C
Storage Temperature Range	-30°C~+80°C

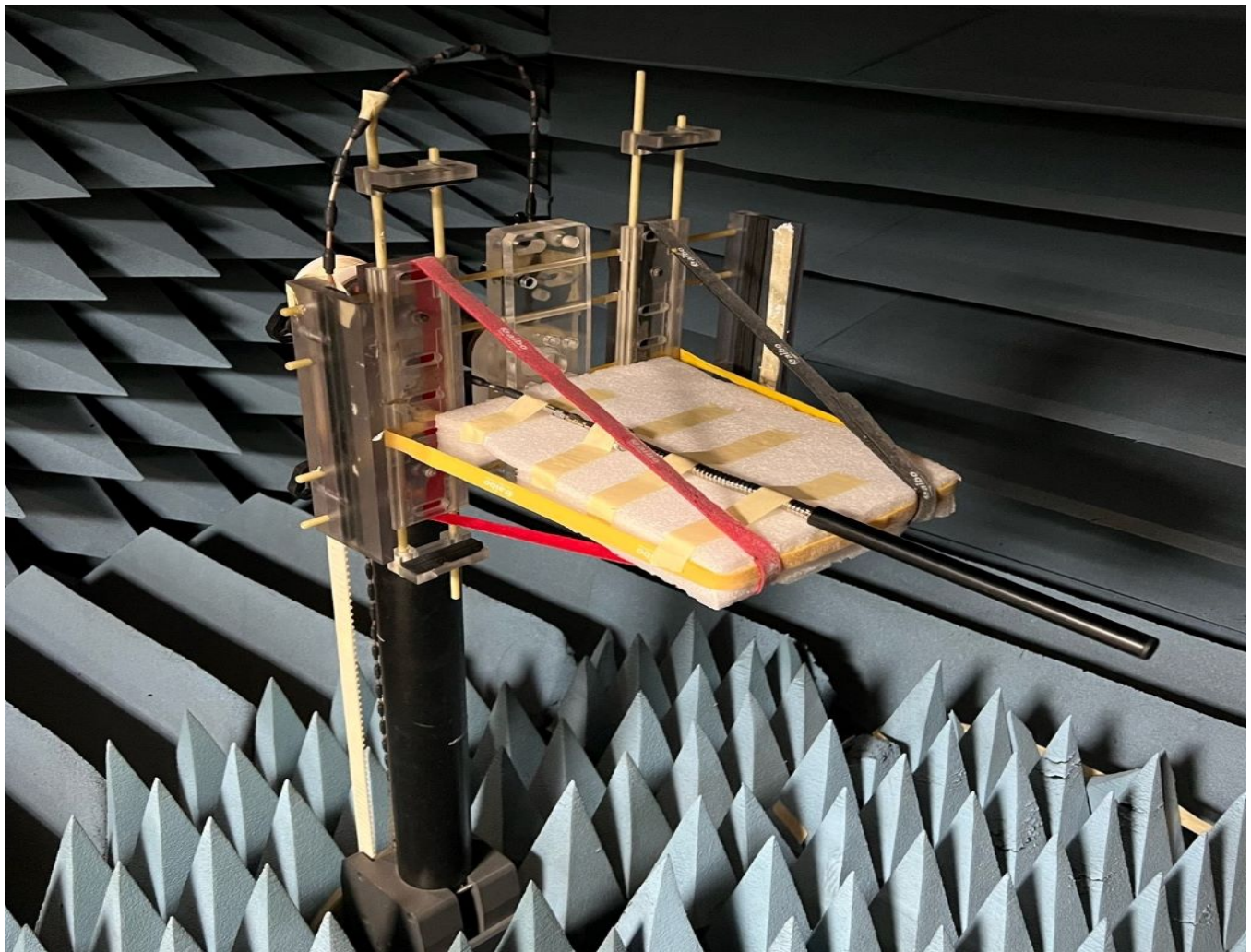
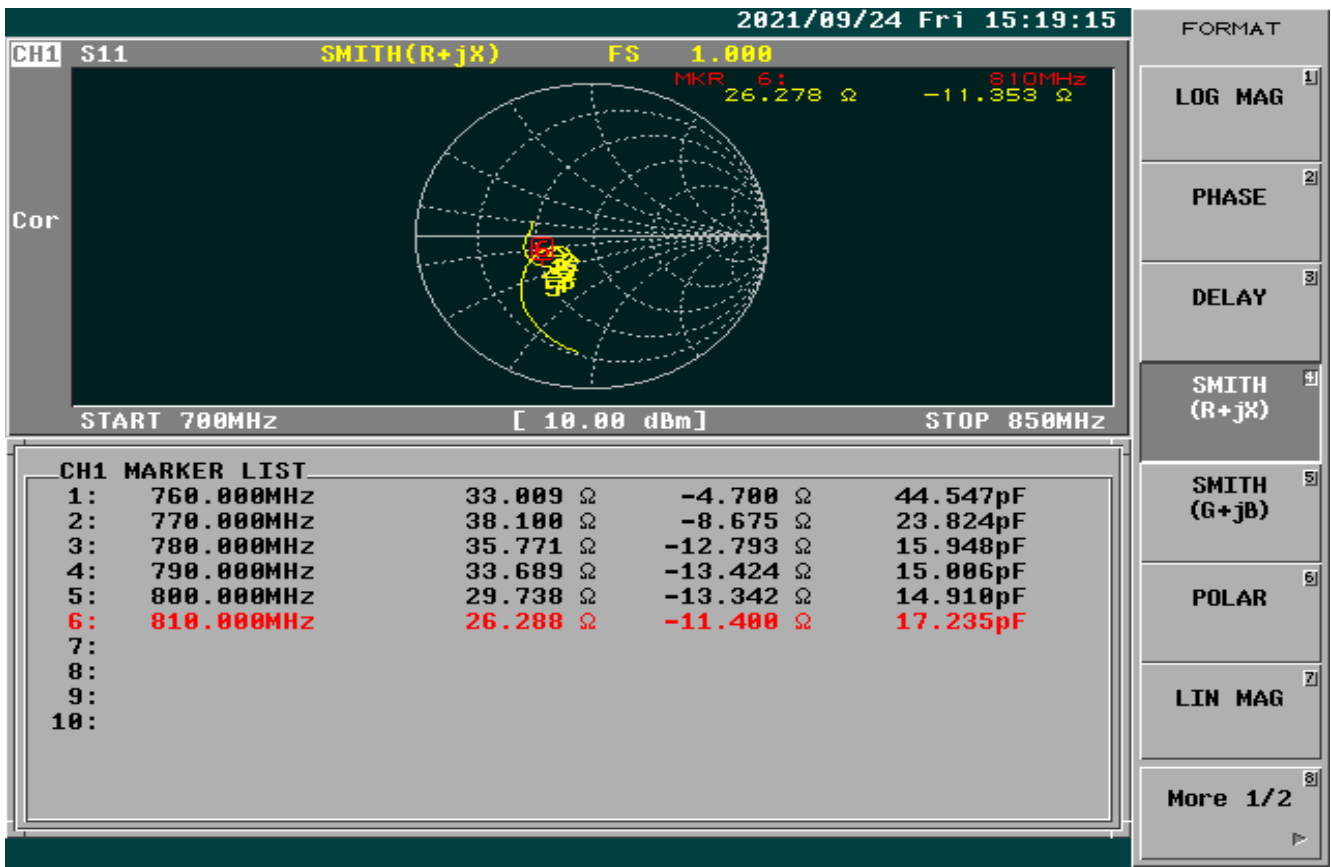
## 2. Appearance



## 3. Frequency

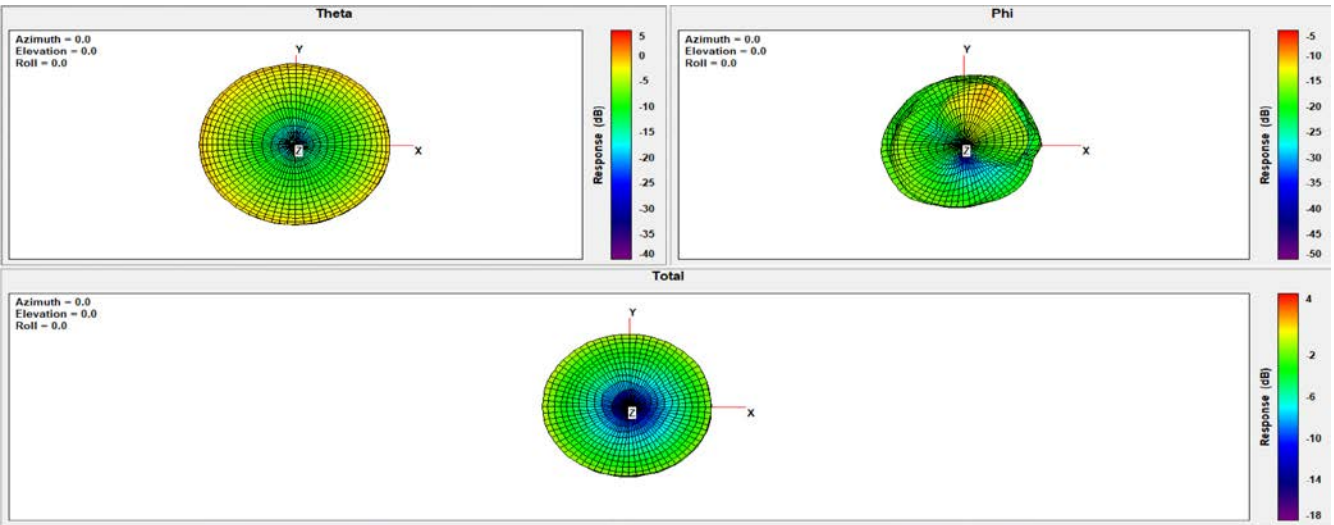




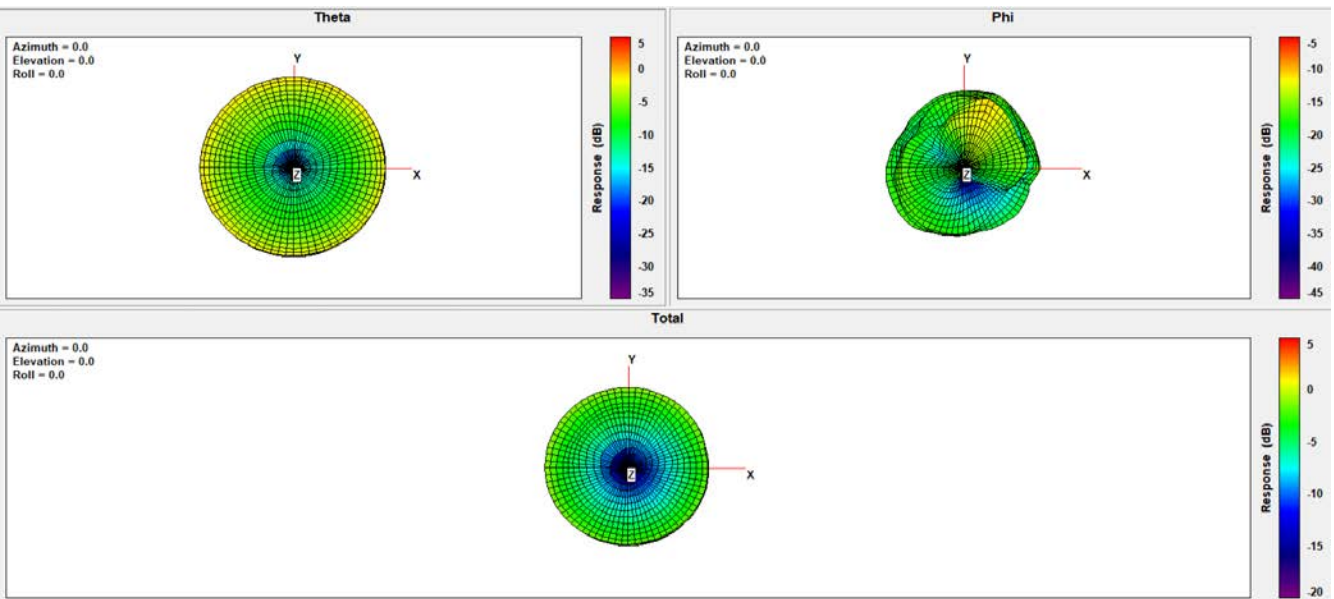


Frequency (MHz)	740	750	760	770	780	790	800	810	820
Peak Gain (dBi)	2.35	2.45	2.55	2.51	2.53	2.46	2.40	2.41	2.48
Efficiency (%)	66.57	64.85	63.62	61.07	59.66	57.47	55.14	54.36	54.36

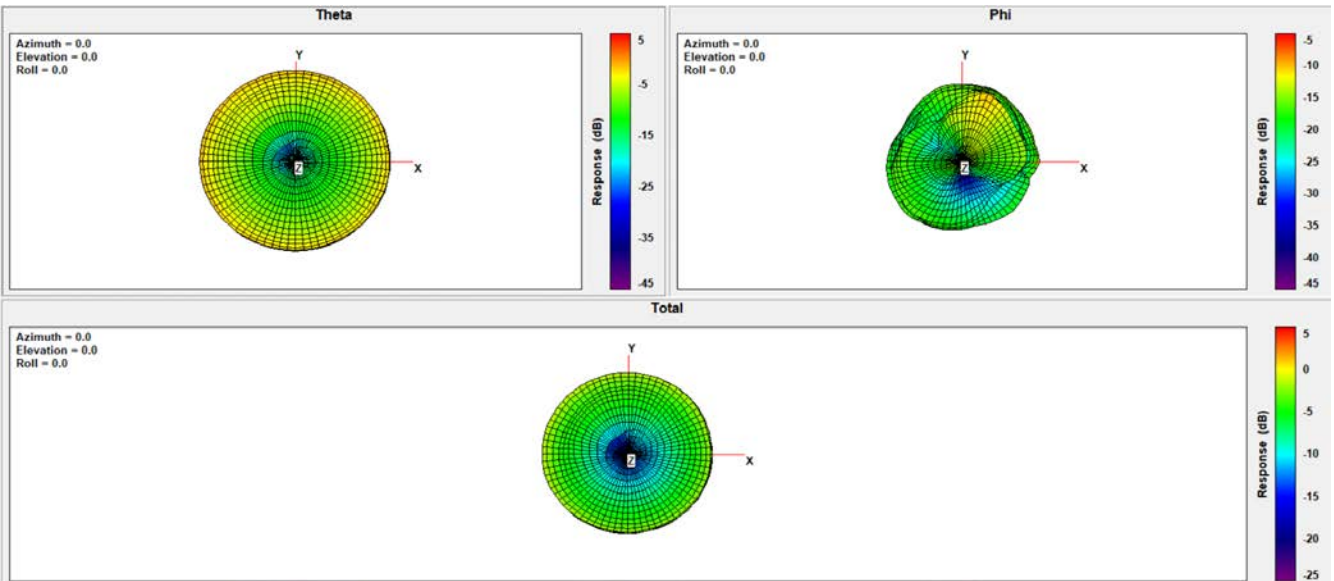
**740Mhz :**



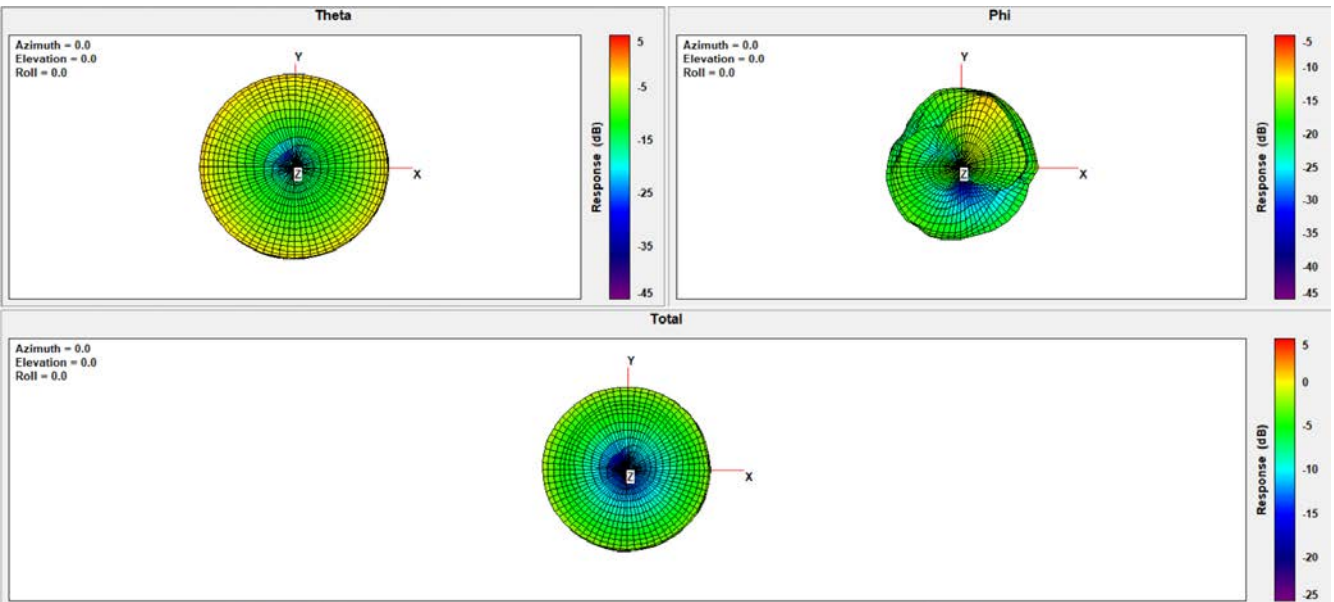
**750Mhz:**



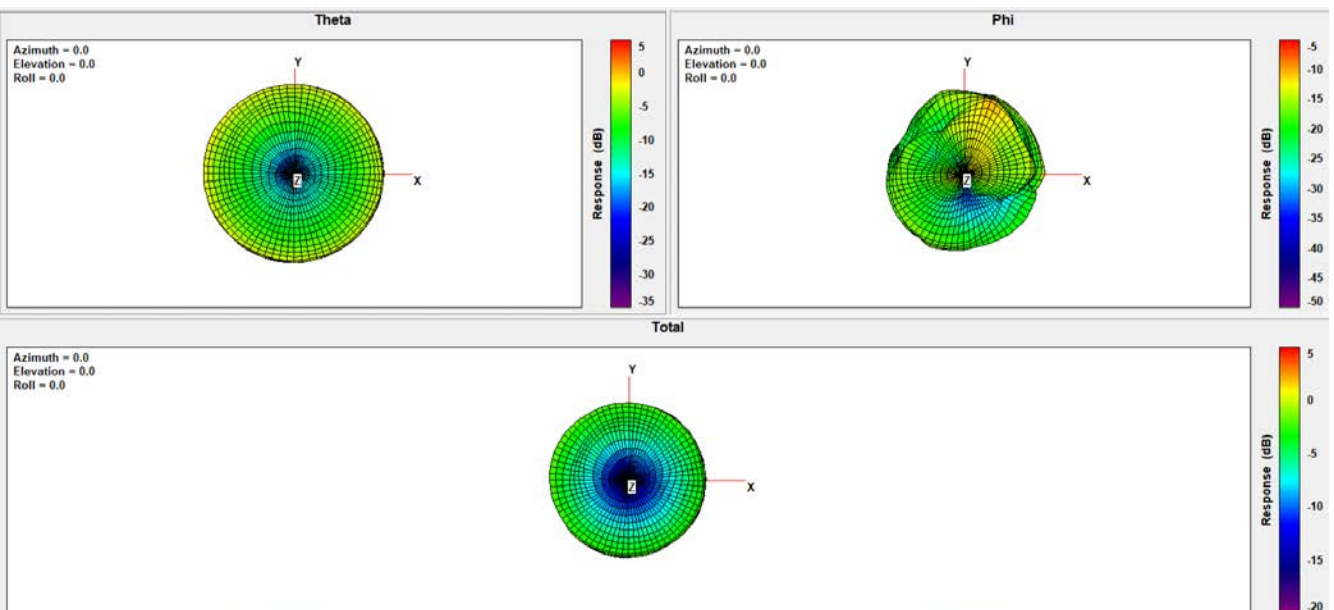
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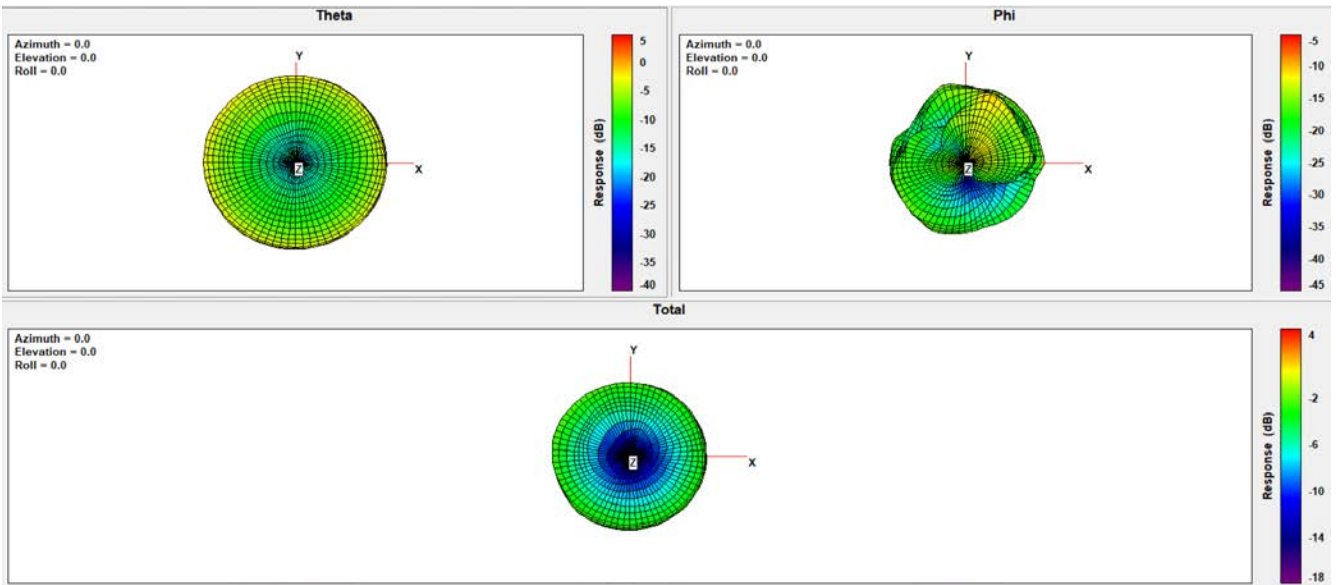
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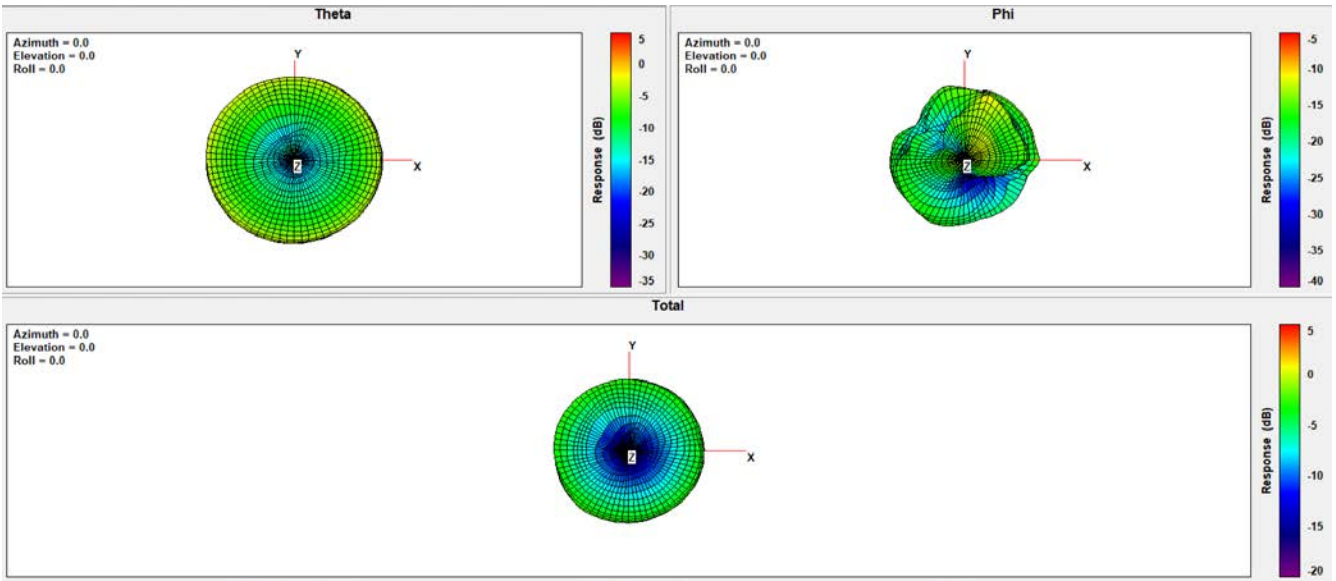
### 780Mhz:



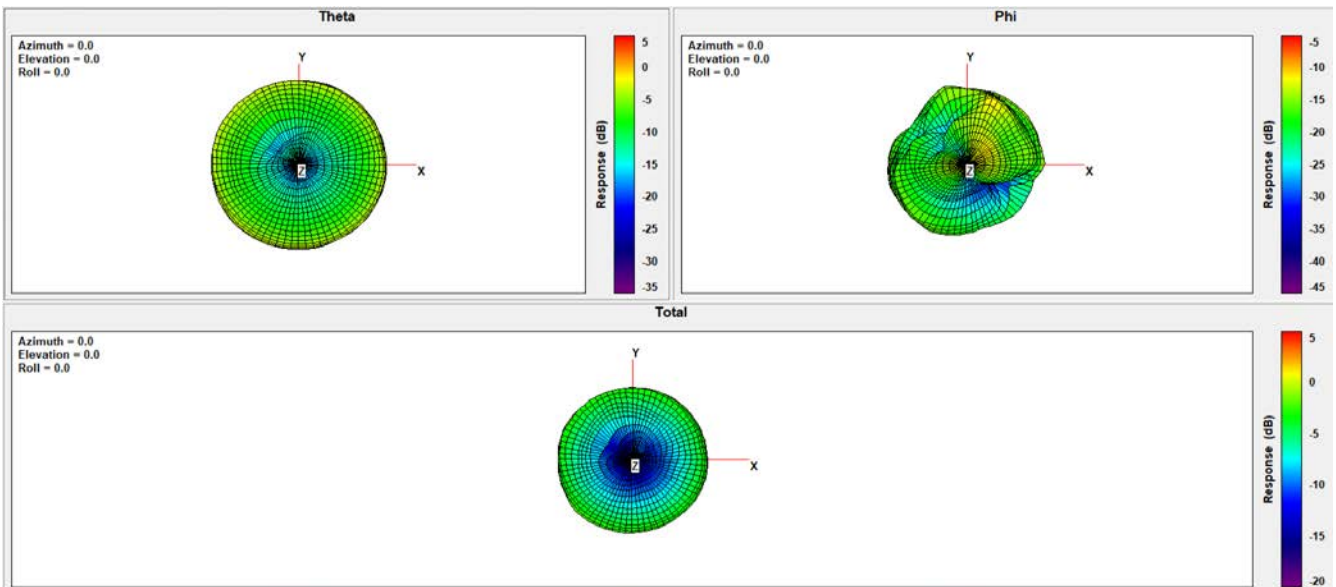
### 790Mhz:



### 800Mhz:



### 810Mhz:



# 820Mhz:

