



SATRON ELECTRONICS LTD

GSM/UMTS Antenna (U05008)

SPECIFICATION



1. Working Conditions

Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Humidity: $0\% \sim 95\%$

2. Storage Conditions

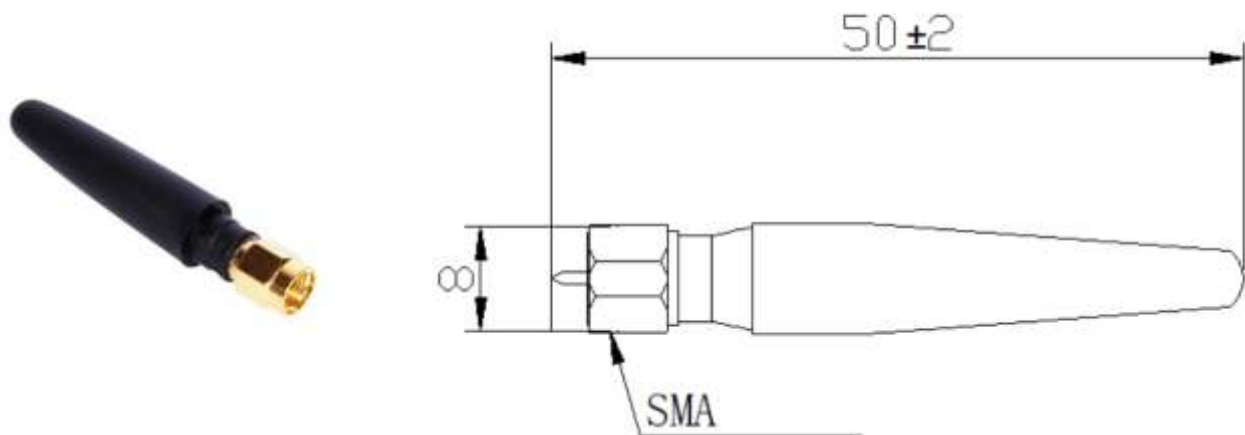
Temperature: $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Humidity: $0\% \sim 95\%$

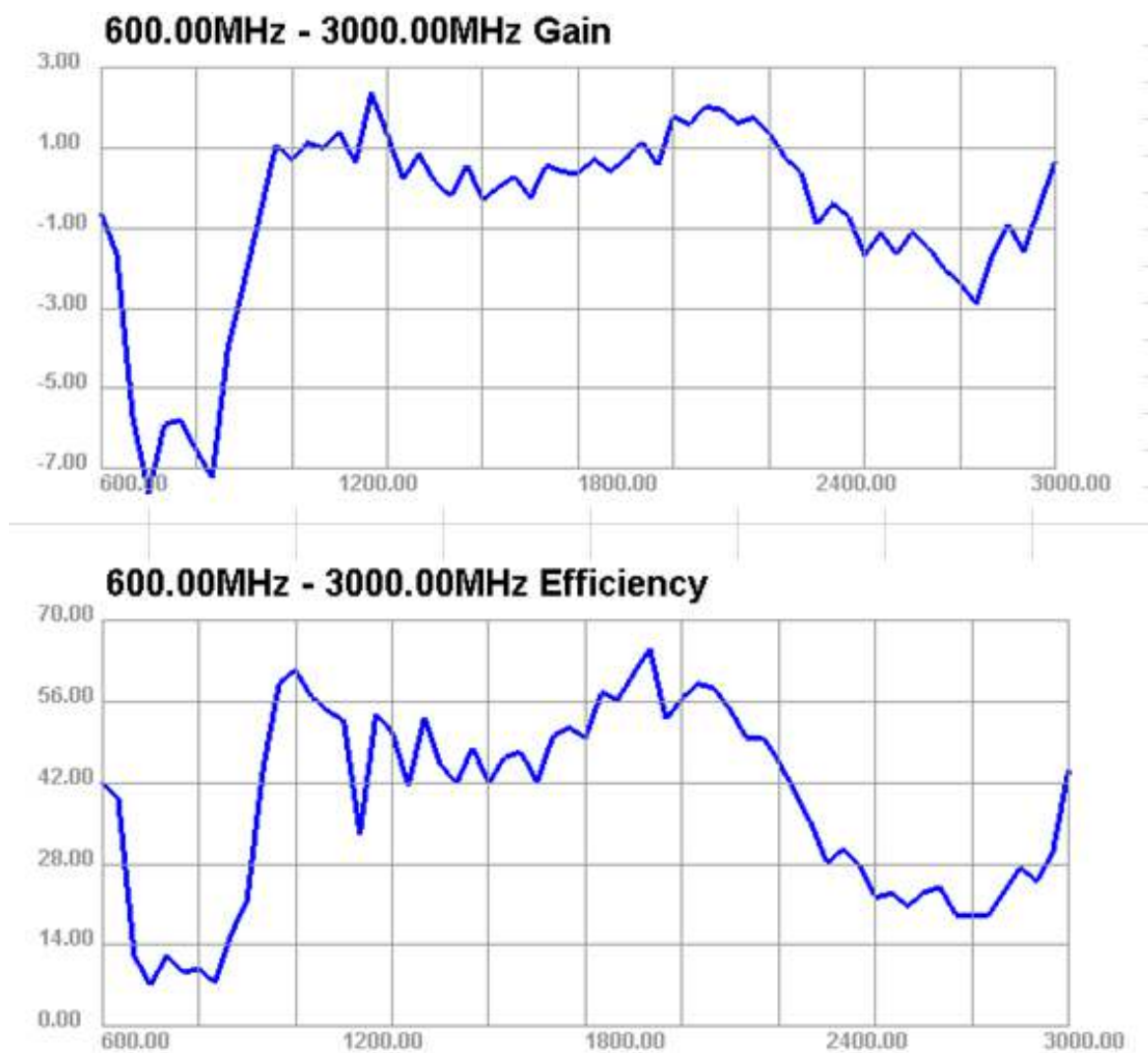
3. Antenna Characteristics

NO	Item	Specifications
1	(MHz) Range of Receiving Frequency	700-880/890-960 1850-1990/1710-2170
2	Band Width(MHz)	1000
3	V.S.W.R(in Center Frequency)	≤ 1.5
4	Gain (dB)	2
5	Polarization	Vertical
6	Input power	10W
7	Impedance(Ω)	50
8	Connector	SMA Male
9	Dimensions	50x8mm

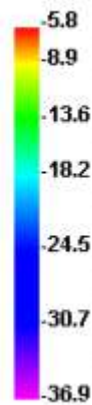
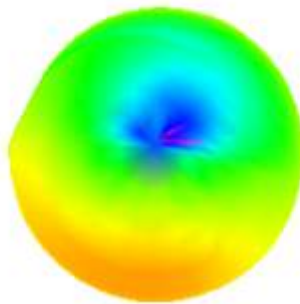
4. Antenna Picture and Drawing (mm)



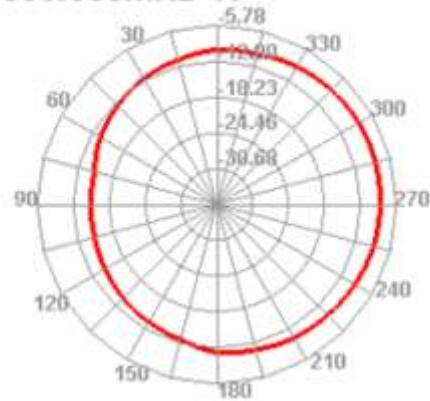
5. Antenna Test Figure



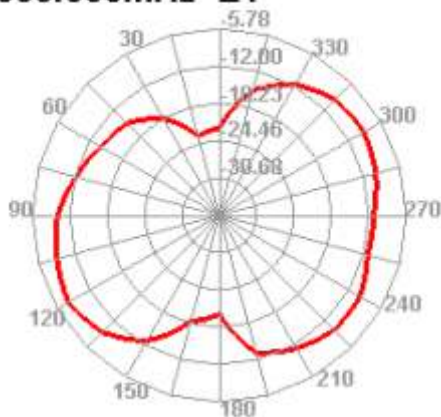
800.000MHz



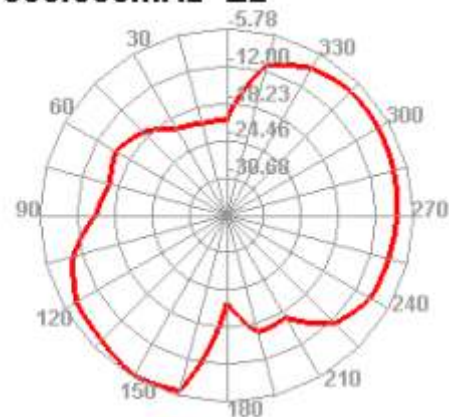
800.000MHz H



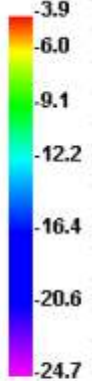
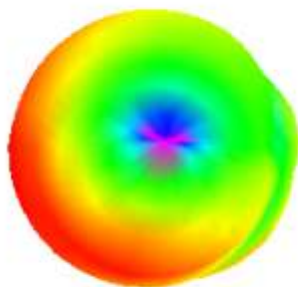
800.000MHz E1



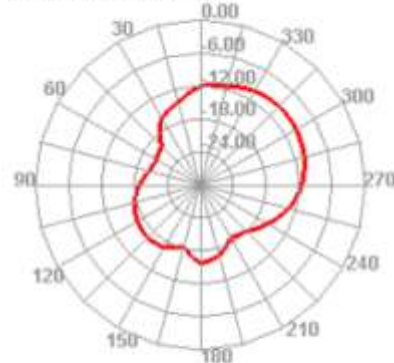
800.000MHz E2



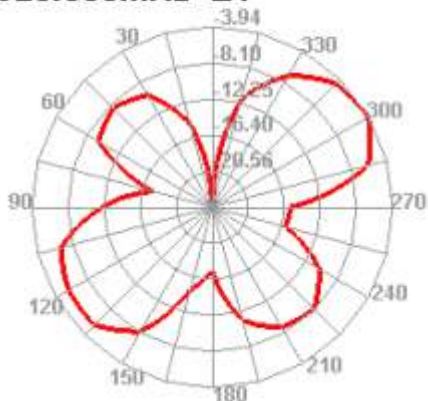
920.000MHz



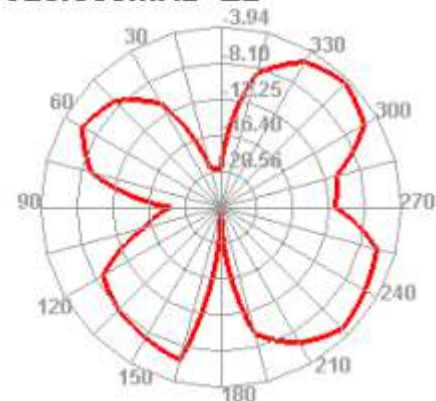
920.000MHz H



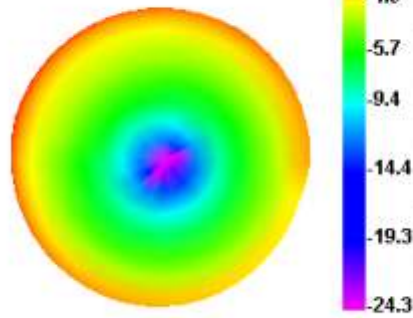
920.000MHz E1



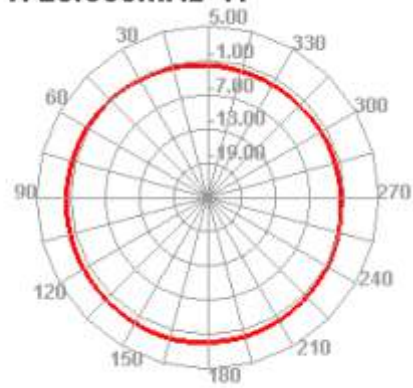
920.000MHz E2



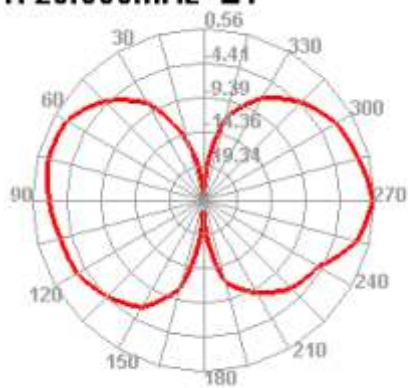
1720.000MHz



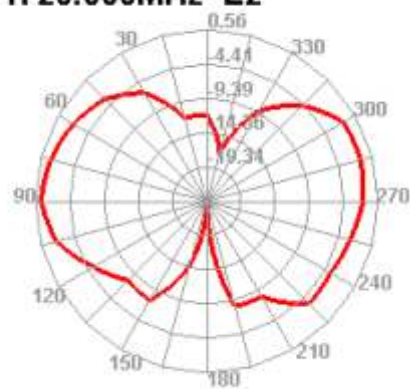
1720.000MHz H



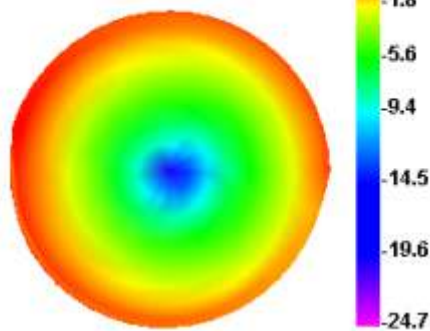
1720.000MHz E1



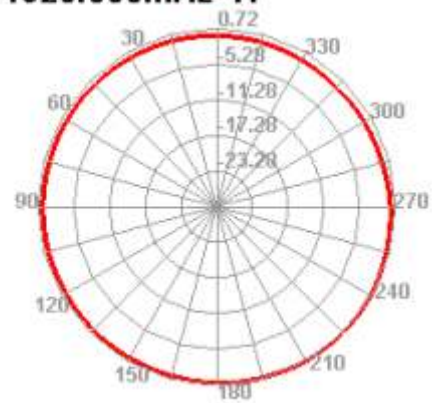
1720.000MHz E2



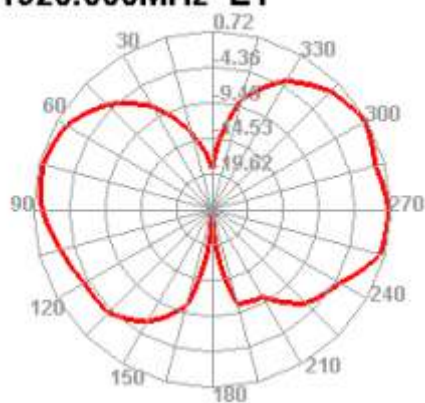
1920.000MHz



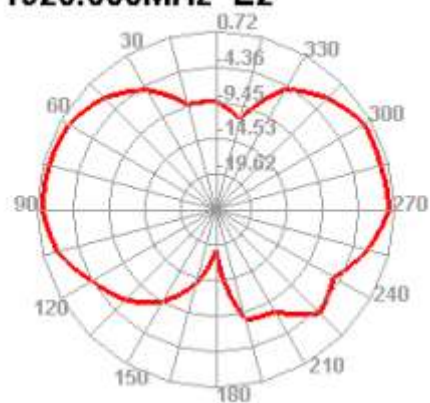
1920.000MHz H



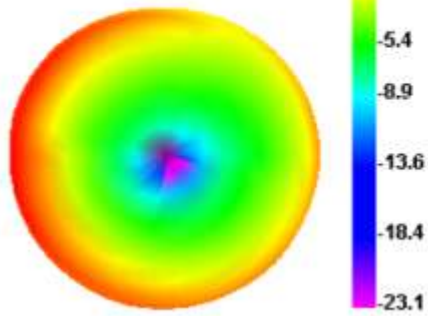
1920.000MHz E1



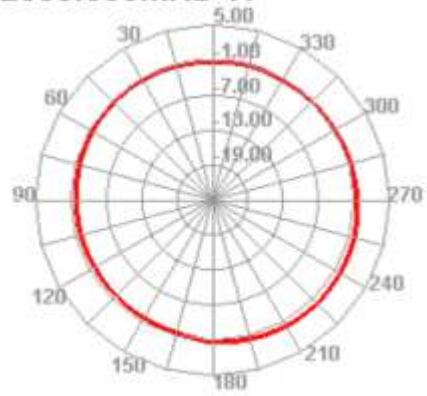
1920.000MHz E2



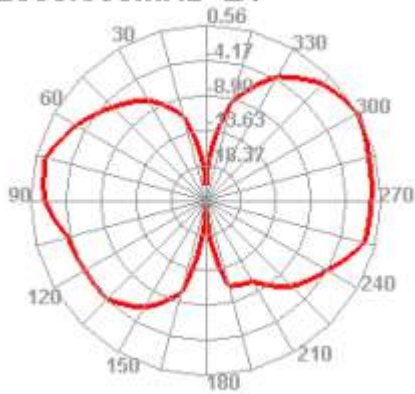
2000.000MHz



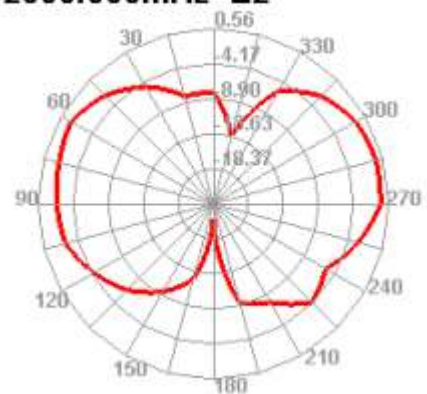
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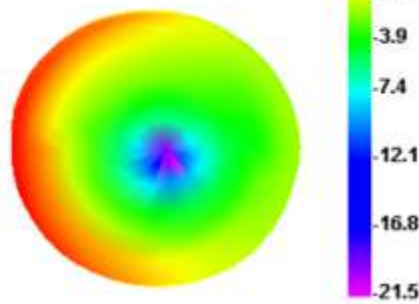
2000.000MHz E1



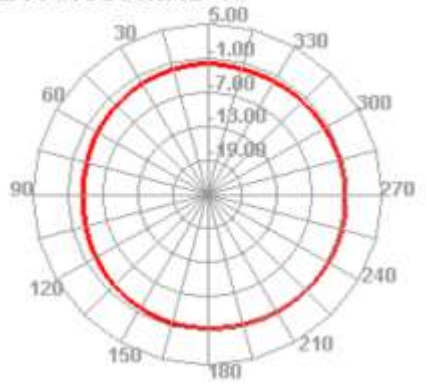
2000.000MHz E2



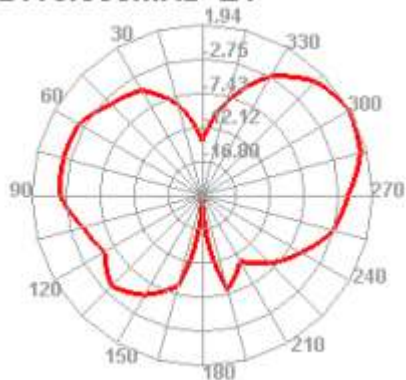
2160.000MHz



2160.000MHz H



2160.000MHz E1



2160.000MHz E2

