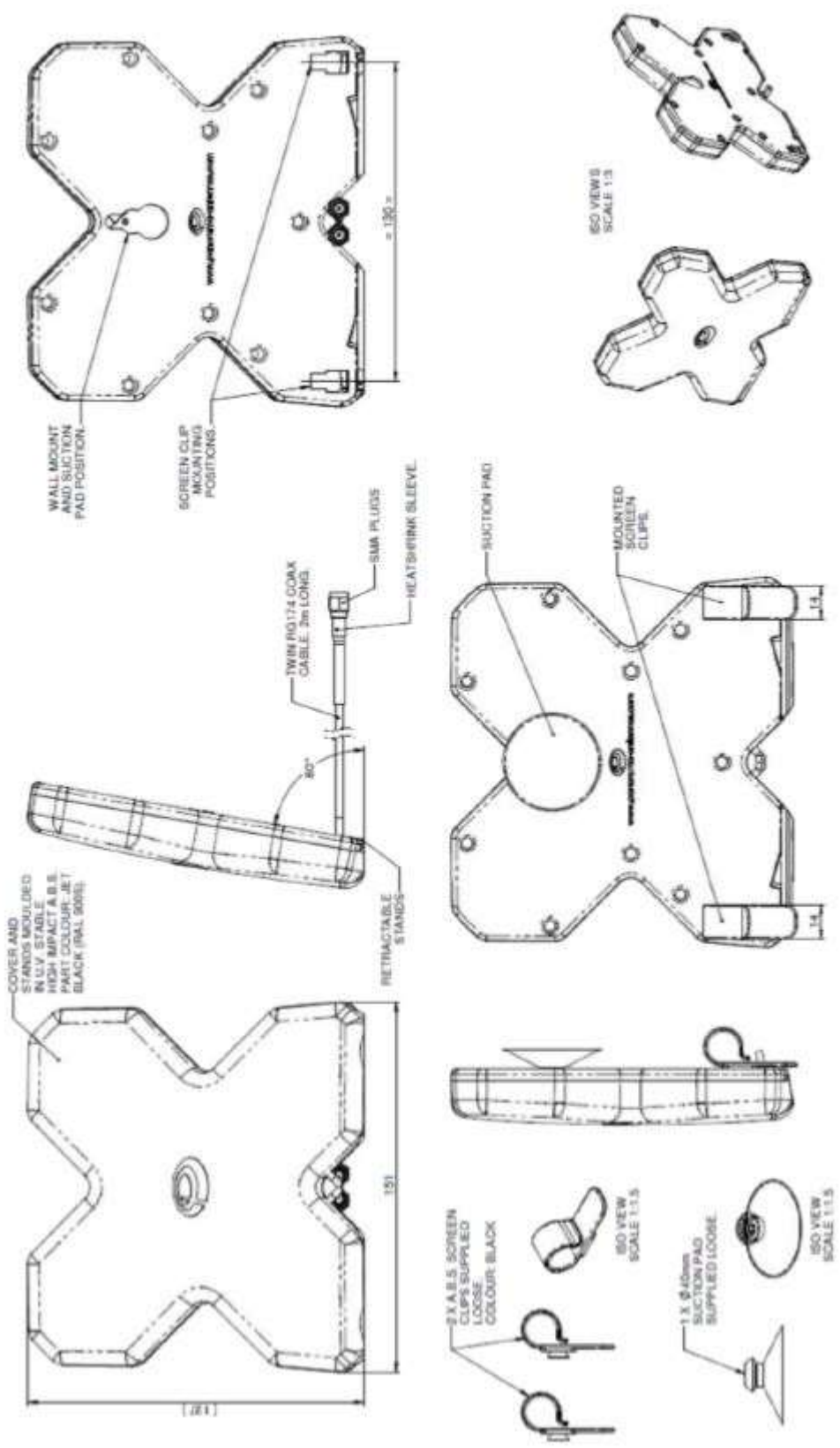


LTE-MiMo & Diversity Antenne



Technical Data			
MiMo & Diversity antenna, desk mount (indoor)			
GSM 698-960 MHz, 1710-2700 MHz			
GSM	Frequency Range	698 - 960 MHz 1710 - 2700 MHz	
	Gain	698 - 960 MHz 1710 - 2170 MHz 2200 - 2700 MHz	2.5 dBi 4 dBi 3 dBi
	Operational bands	2G / 3G / 4G	
	VSWR	< 2.5 : 1	
	Efficiency	698 - 960 MHz 1710 - 2170 MHz 2200 - 2700 MHz	> 50% > 80% > 65%
	Correlation coefficient	< 0.1	
	Element isolation	> 20 dB	
	Power Max.	20 W	
	Impedance	50 Ω	
	Radiation pattern	Omni-directional	
Mechanical Data			
	Dimensions (HxW)	137 mm x 151 mm	
	Operating temp	-40°C .. +80°C	
	Material	U.V. stable, impact resistant ABS	
	Cable	2x ca. 2 m, RG174	
	Connector	2 x SMA (m)	
	Desk mount, indoor only		
	RoHS compliant		



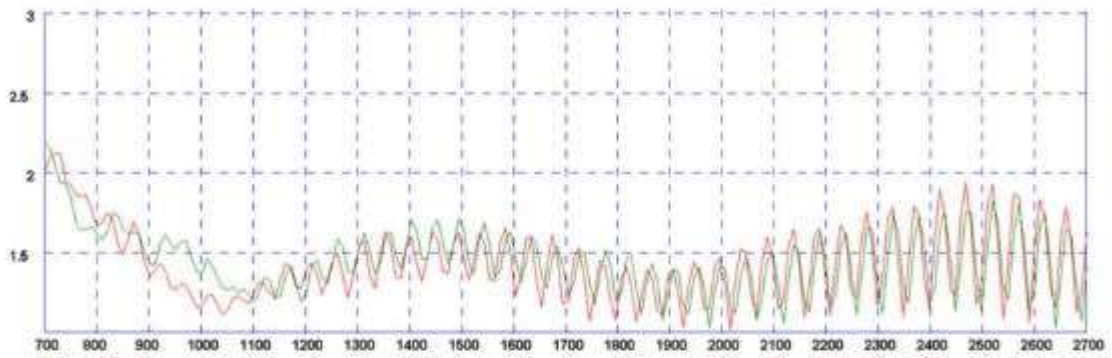


Figure 2; typical VSWR elements 1 & 2
* VSWR measured with 0.5m cable

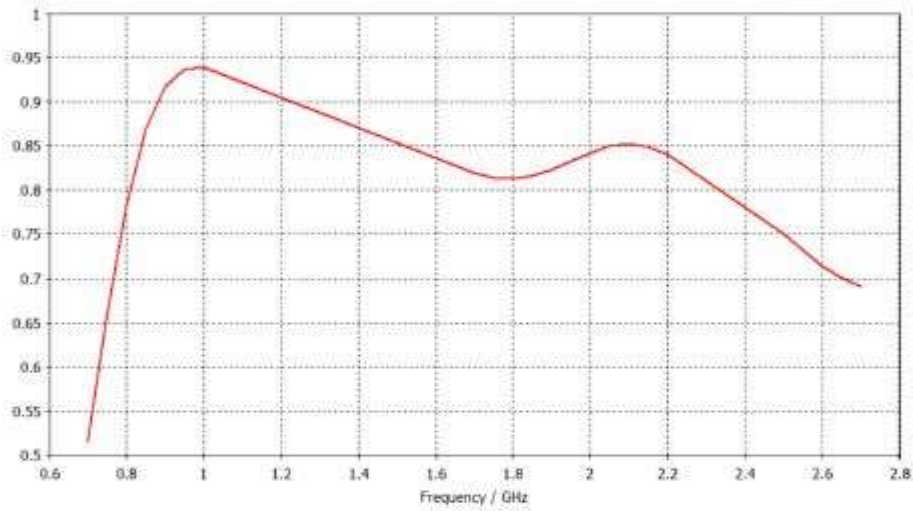


Figure 3; Typical element efficiency

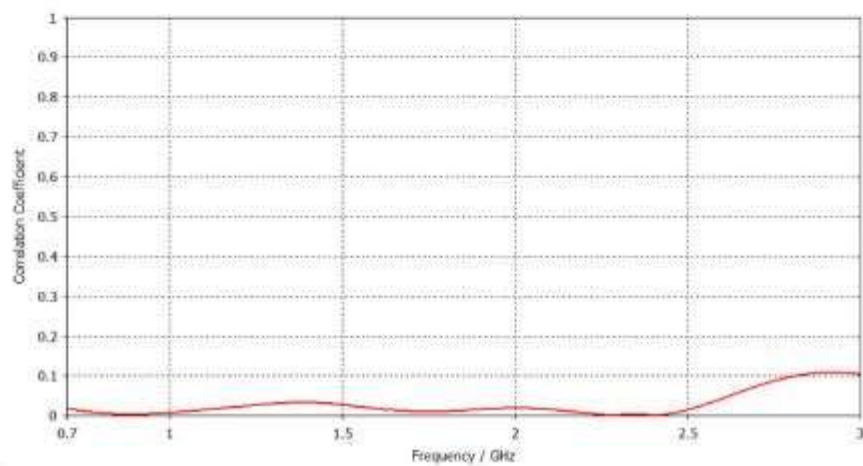


Figure 4; Correlation coefficient

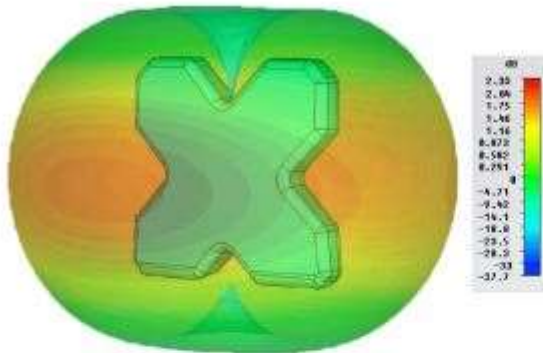


Figure 5; 3D gain plot (750MHz)

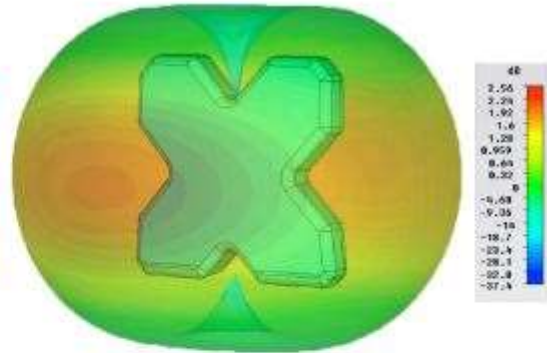


Figure 6; 3D gain plot (850MHz)

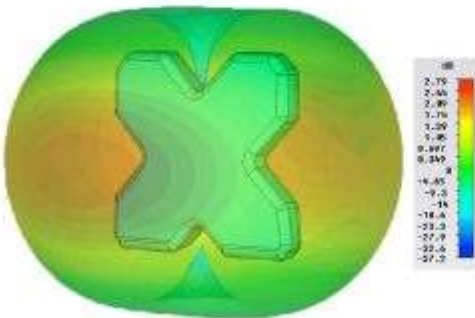


Figure 7; 3D gain plot (950MHz)

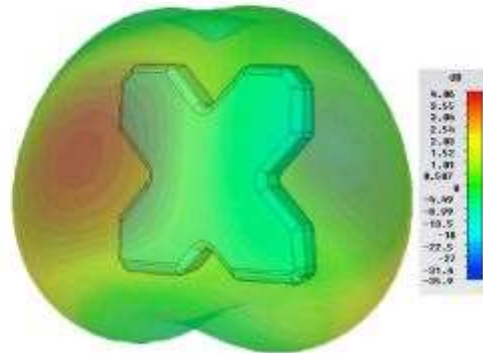


Figure 8; 3D gain plot (1800MHz)