

MiMo Directional Antenna

WMM8G-7-27-[VAR]

PANORAMA  ANTENNAS

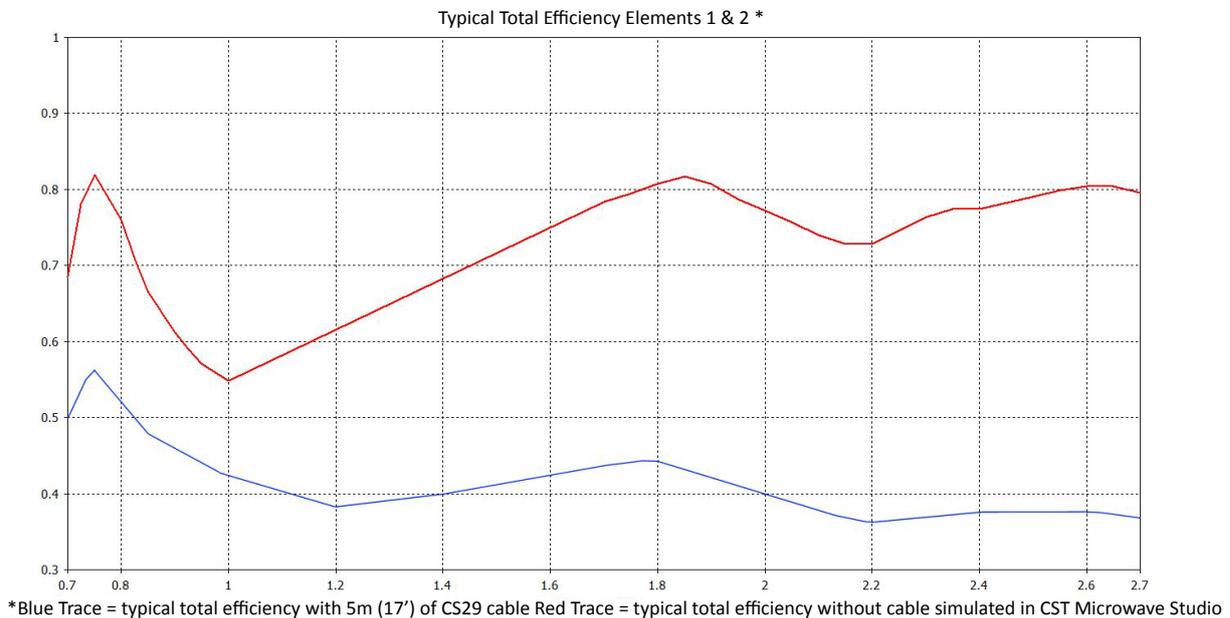
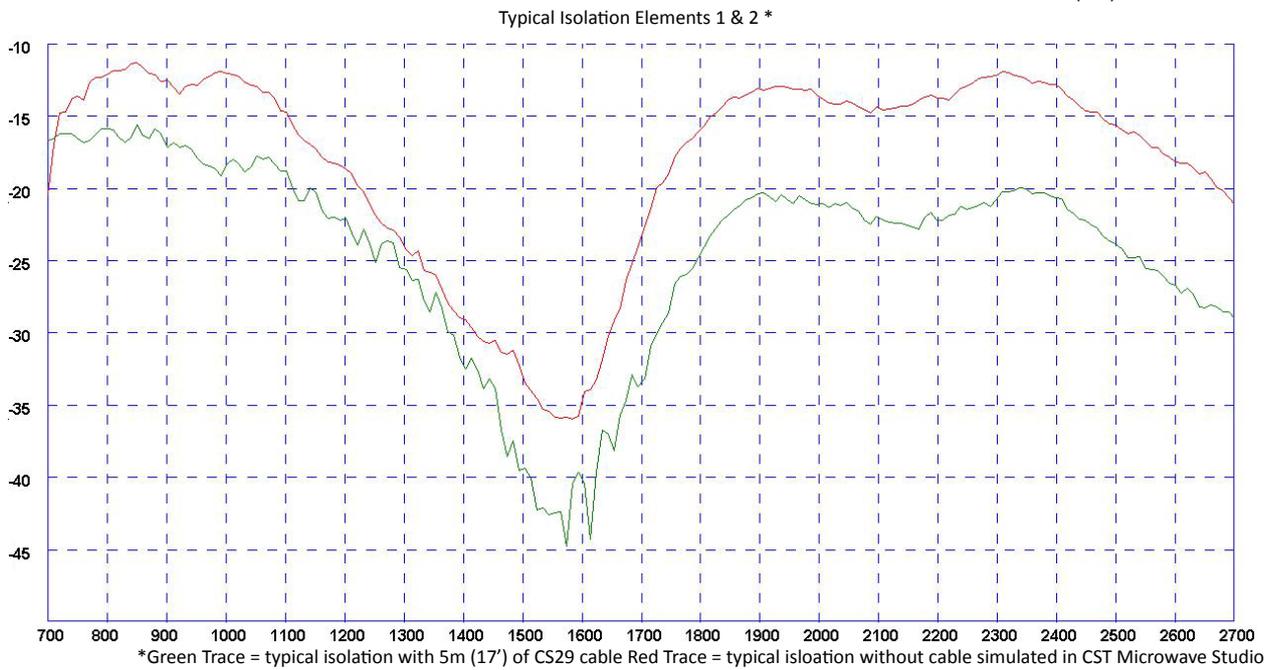
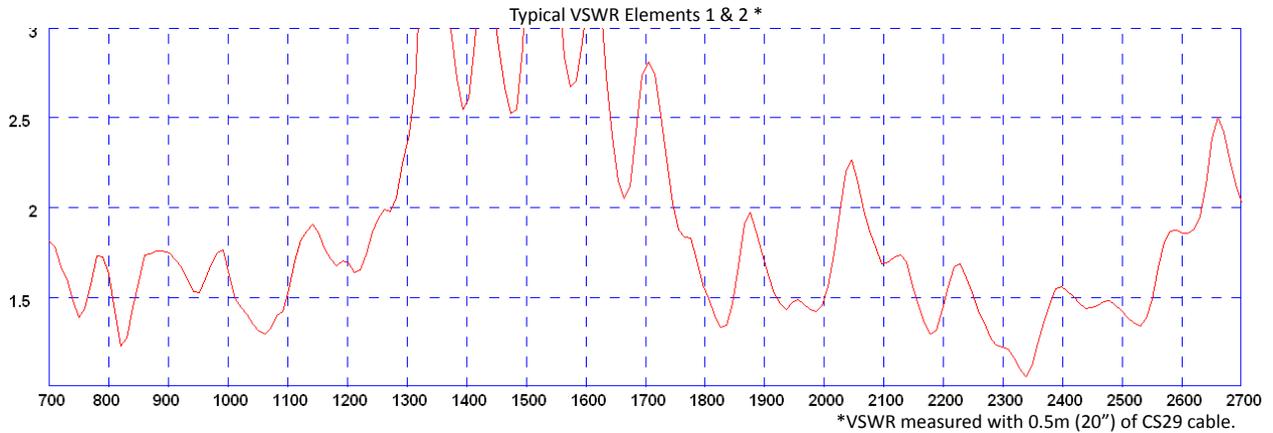
Product Data

Part No.		WMM8G-7-27-5SP	WMM8G-7-27-03NJ
Electrical Data			
Frequency Range (MHz)	Antenna 1	698-960/1710-2700	
	Antenna 2	698-960/1710-2700	
Operational bands	2G / 3G / 4G		
Radiation pattern	Directional		
Nominal Polarisation	+/- 45deg Vertical		
Peak Gain (excl cable loss)	698-960 MHz	6dBi	
	1710-2170 MHz	9dBi	
	2396-2700 MHz	6dBi	
Efficiency - excluding cable loss (all bands)	> 65%		
Correlation co-efficient (all bands)	< 0.05		
Max input power (W)	20 Watts		
Nominal Impedance	50Ω		
Mechanical Data			
Dimensions (mm)	Height	230 (9")	
	Width	180 (7.1")	
	Depth	94 (3.7")	
Operating temp (°C)	-30° / +80°C (-40° / 176°F)		
Material	U.V. stable, impact resistant ASA		
Colour	RAL9010 (Pure White)		
Weight (g)	955		
Ingress Protection	IP 65		
Mounting Data			
Fixing	Wall mount / mast mount / desk mount		
Mounting bracket material	Stainless steel / Aluminium		
Pole diameter (mm)	20-50 / (0.78 - 1.96")		
Cable Data			
Type	2 x CS29 Coax (double shielded RG58)	2 x CS29 Coax (double shielded RG58)	
Diameter (mm)	5 (0.2")	5 (0.2")	
Length (m)	5 (16')	0.3 (12")	
Termination	2 x SMA (m)	2 x N(f)	
Adaptors	Supplied separately		

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VSWR

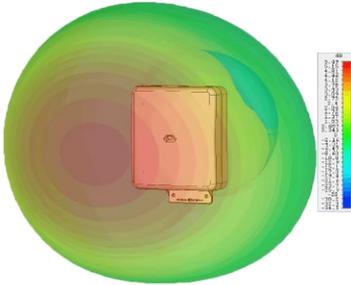


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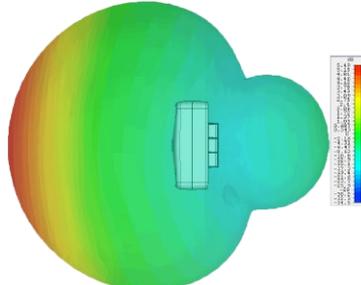
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Gain Plots

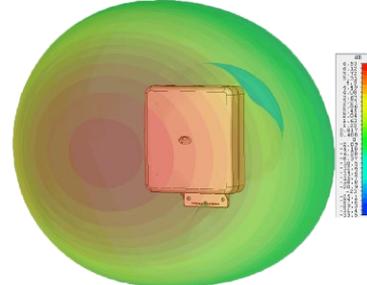
3D Gain Plot Side (725MHz)



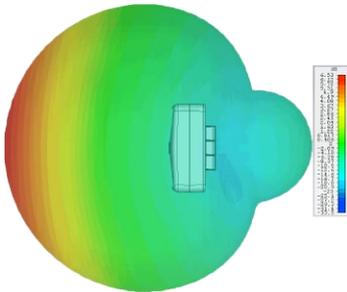
3D Gain Plot Top (725MHz)



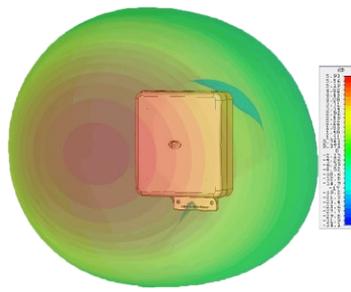
3D Gain Plot Side (825MHz)



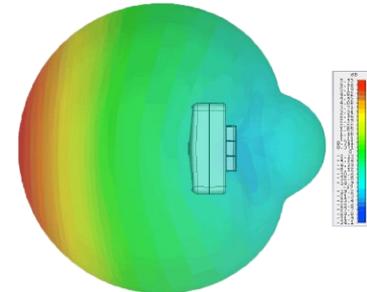
3D Gain Plot Top (825MHz)



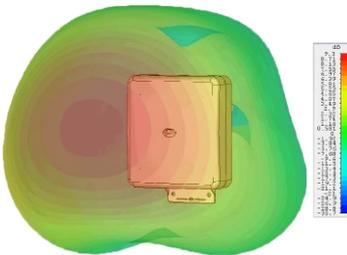
3D Gain Plot Side (925MHz)



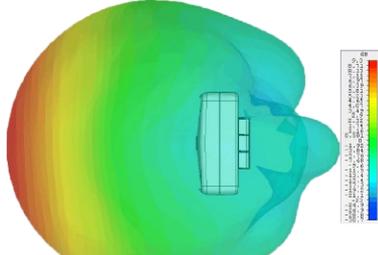
3D Gain Plot Top (925MHz)



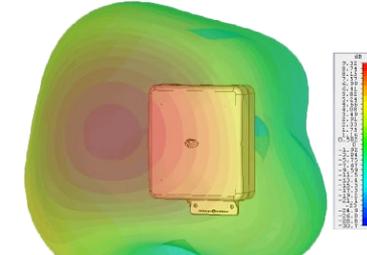
3D Gain Plot Side (1750MHz)



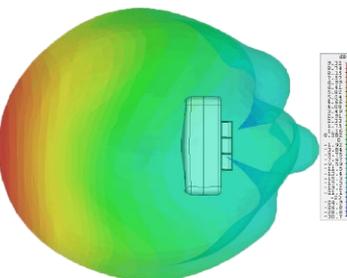
3D Gain Plot Top (1750MHz)



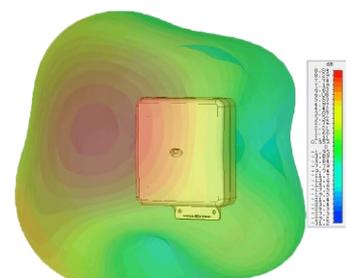
3D Gain Plot Side (1850MHz)



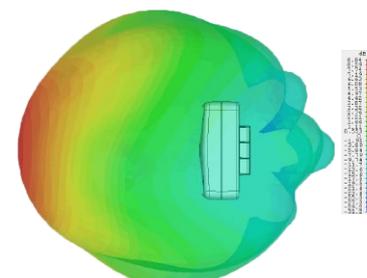
3D Gain Plot Top (1850MHz)



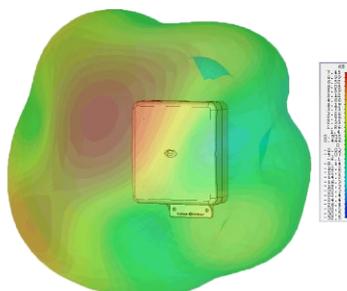
3D Gain Plot Side (1950MHz)



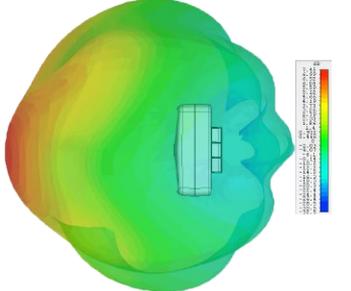
3D Gain Plot Top (1950MHz)



3D Gain Plot Side (2150MHz)



3D Gain Plot Top (2150MHz)



*WMM8G-7-27-5SP 3D Patterns show realised gain both elements fed modelled in CST Microwave Studio without additional cable.