

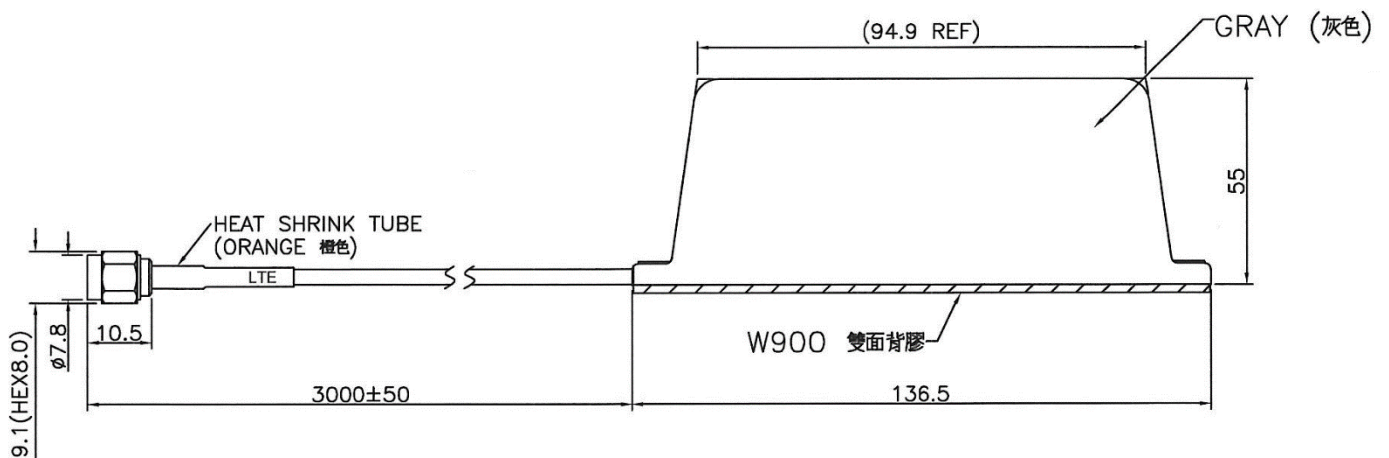


CHINMORE INDUSTRY CO.,LTD

*Specification*

1. Product Type: Adhesive Mount Antenna with 4G/LTE
2. Chinmore's No: W900 Series
3. Frequency: 690~2700 MHz
4. Cable: RG-174 (-40°C ~+105°C)
5. Connector: SMA (M) ST
6. VSWR: 2.5:1

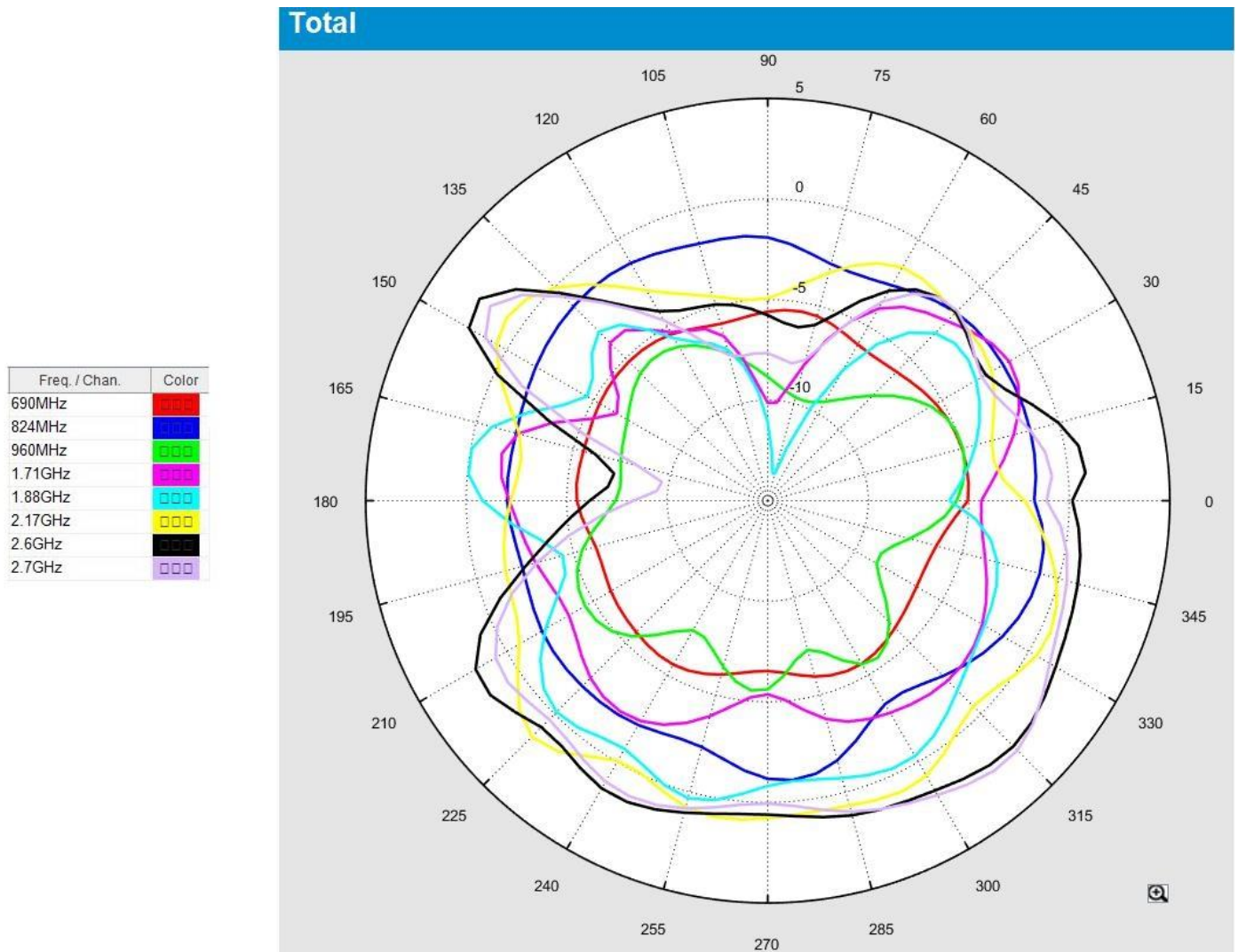
*✧RoHS Compliant*



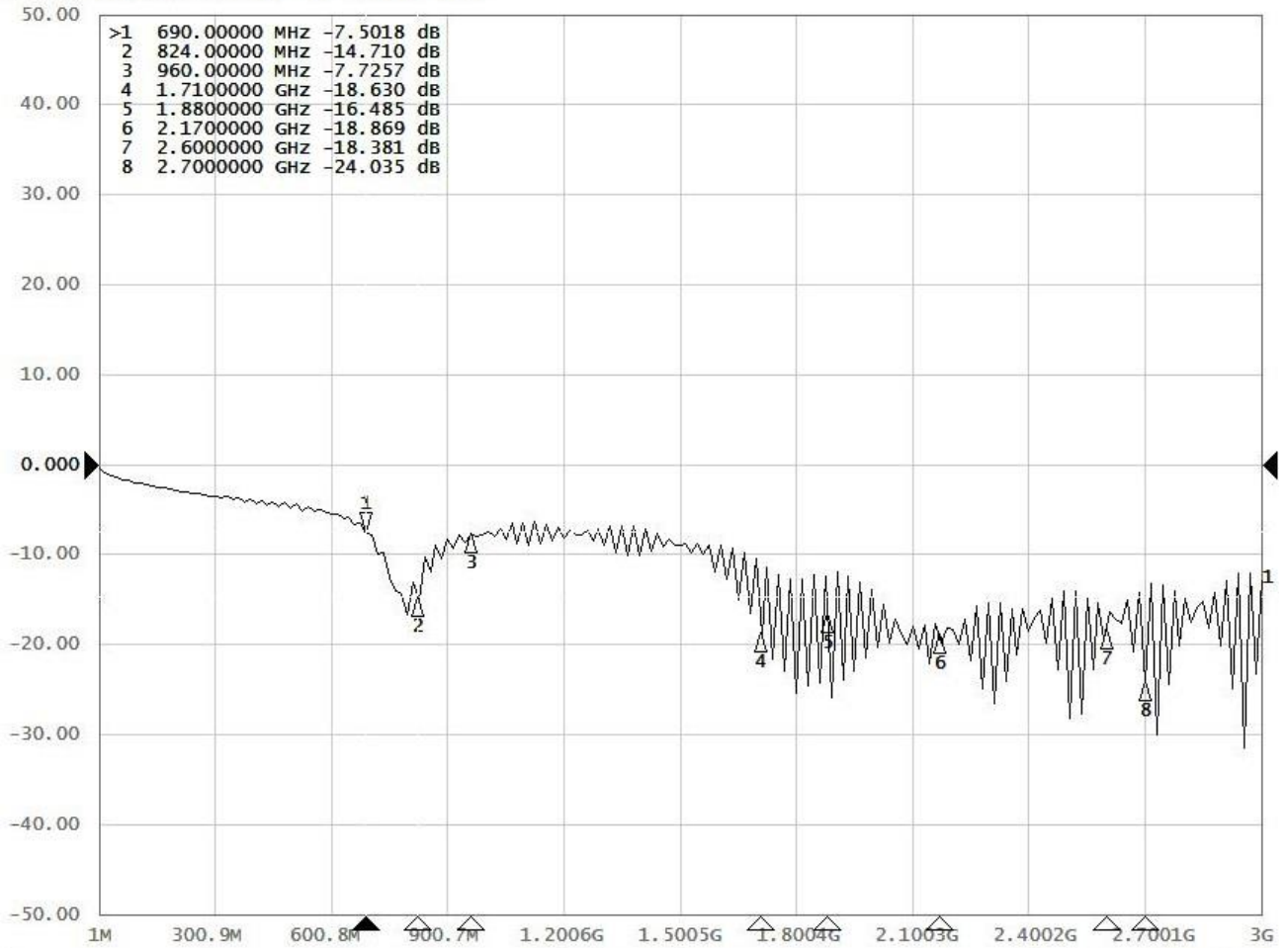
## ELECTRICAL

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
690	-7.50	2.47	23.39	-4.36
824	-14.71	1.44	58.75	0.14
960	-7.72	2.39	23.5	-2.11
1710	-18.63	1.27	51.52	1.26
1880	-16.48	1.47	60.67	2.16
2170	-18.86	1.26	69.66	2.03
2600	-18.38	1.28	71.61	2.28
2700	-24.03	1.13	67.76	2.56

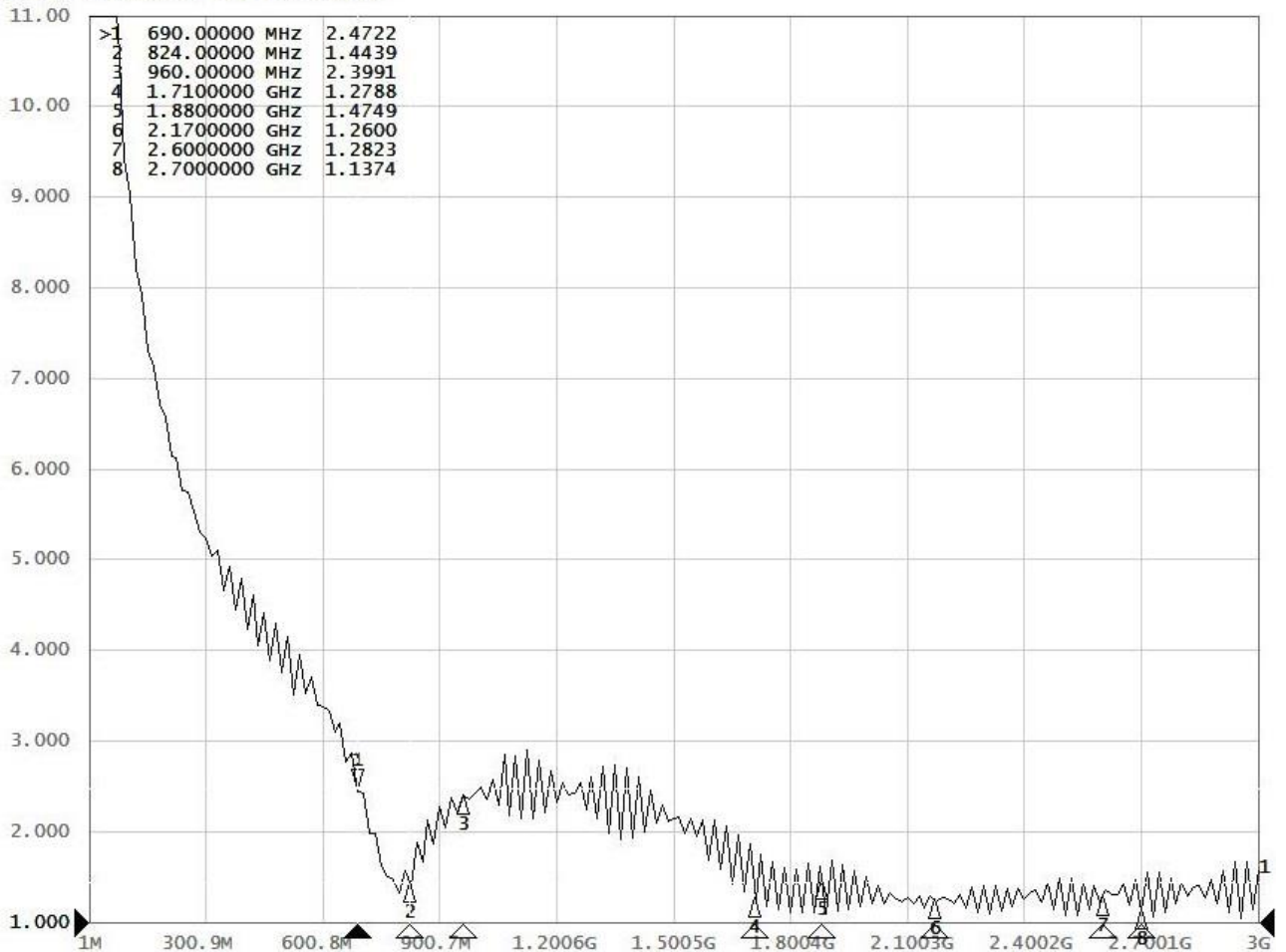
Test Data



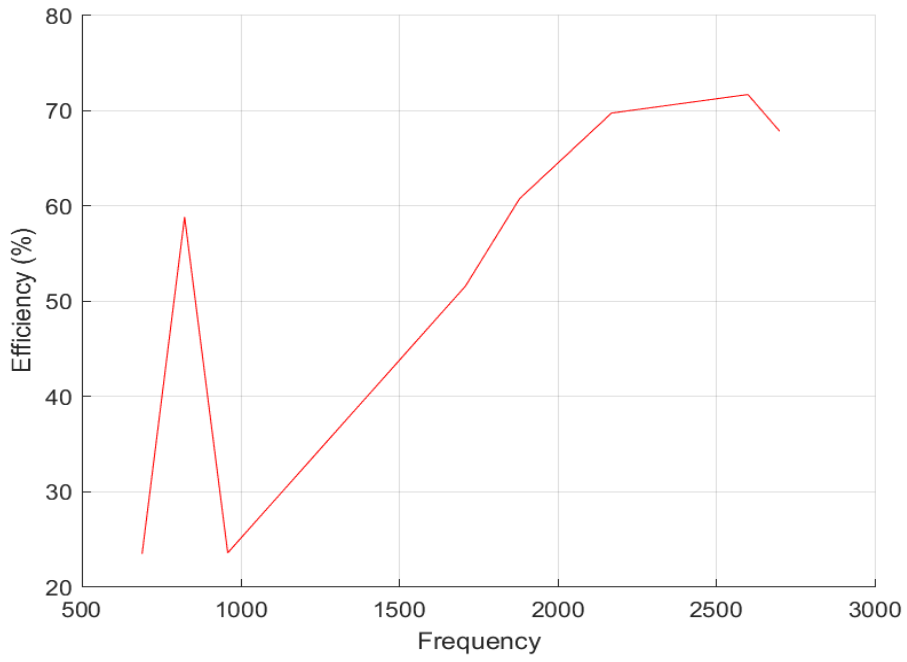
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [RO]



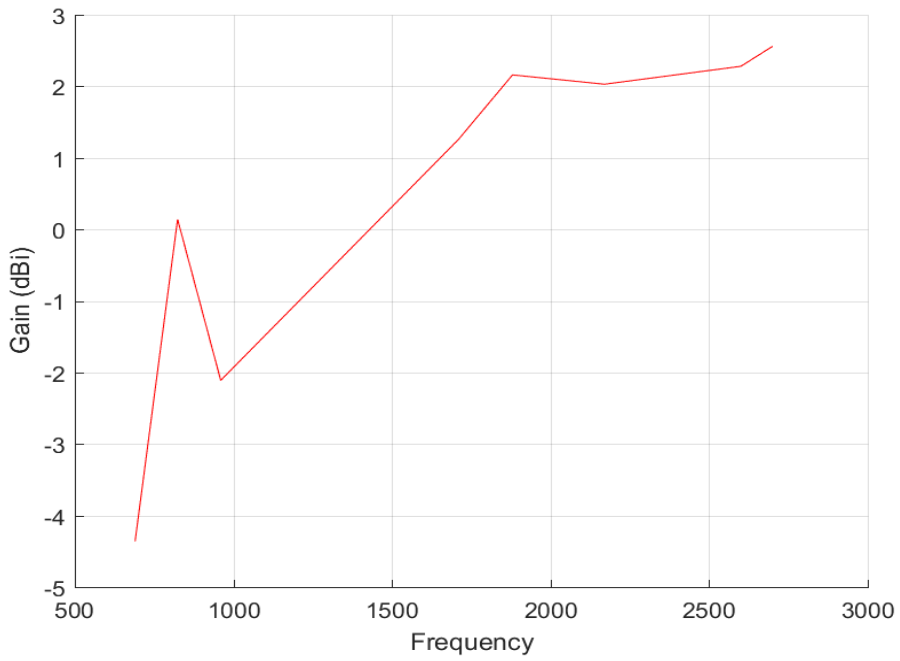
Tr1 S11 SWR 1.000/ Ref 1.000 [RO]



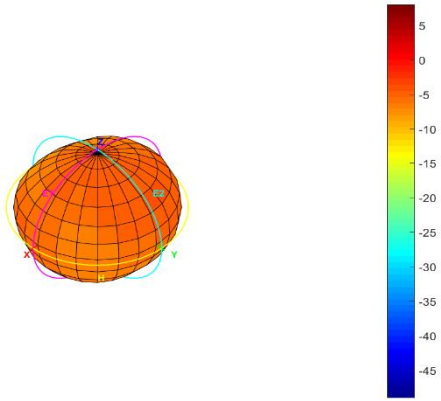
Total\_Efficiency (%)



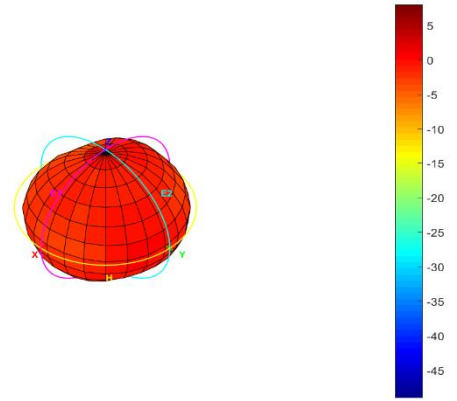
Total\_Gain (dBi)



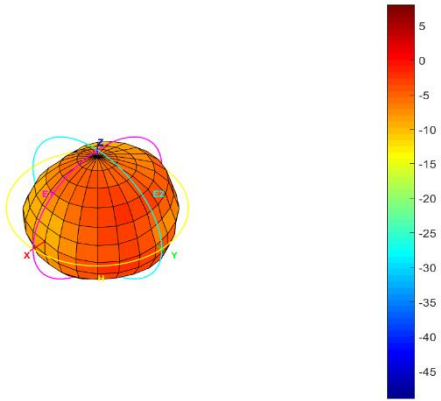
Total\_3D\_Side View 1\_690MHz



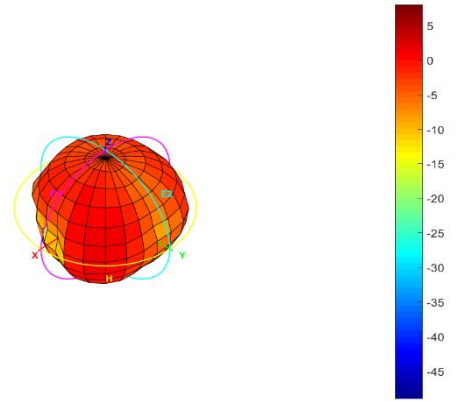
Total\_3D\_Side View 1\_824MHz



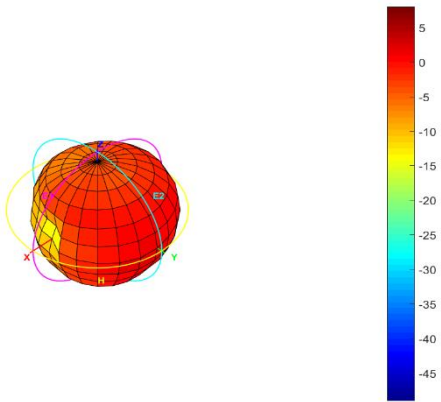
Total\_3D\_Side View 1\_960MHz



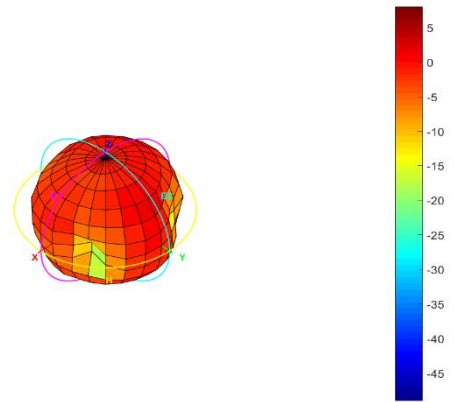
Total\_3D\_Side View 1\_1.71GHz



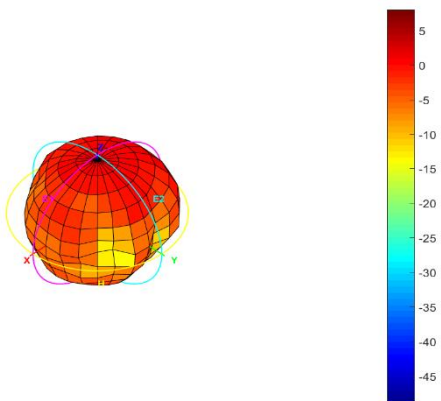
Total\_3D\_Side View 1\_1.88GHz



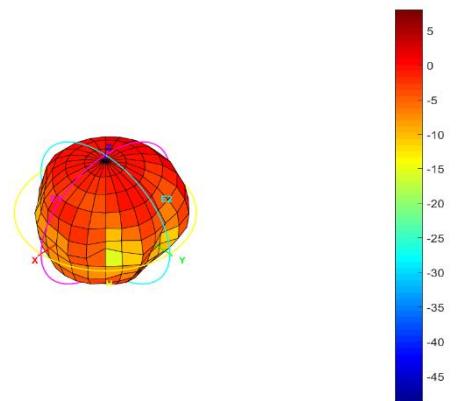
Total\_3D\_Side View 1\_2.17GHz



Total\_3D\_Side View 1\_2.6GHz



Total\_3D\_Side View 1\_2.7GHz



## Cable Spec

Conductor	constitution AWG/mm	(26AWG) 7/0.16B±0.008MM
	Material	BRAE COPPER STRANDED
	Cabling OD mm	0.49 (REF)
Insulation	NO of wire	1C
	Material	LD-PE
	(OD) mm	1.52±0.05
	Thickness mm	0.50 (REF)
	Color	NATURAL
Braid	constitution N/mm	16/5/0.10TCCAM
	material	TINNED COPPER CLAD ALUMINUM Mg
	coverage %	90%
Jacket	(OD) mm	2.70±0.10
	Material	PVC
	Thickness mm	0.40 (REF)
	Marking	E326510 兄 AWM 1354 -40℃~105℃ 26AWG RG-174/U LF/T
	Hardness P	60P
	Color	BLACK (CODE BK0003C)
<b>Electric Characters:</b>		<b>Physical Characters:</b>
1. Spark test:AC- 1500V/In the air 2. Dielectric strength: AC-500V/MIN 3. Insulation resistance: LD-PE DC-500V 100MΩ/KM MIN. at 20℃ 4. Conductor resistance: 26AWG-142Ω/KM MAX at 20℃.		1. Tensile strength test are before aging: JACKET:1500PSI min Aged:70% min 2. Elongation before aging: JACKET:100% min Aged:65% min