



WIFI 6E ANTENNA

Antenna WIFI 6E

Connector Mount FLAT 979L,
2.4–7.1 GHz, 90°/180°, 3 dBi,
QMA(m), Black

AW-A2471G-F979L

SECTRON company offers a wide portfolio of WIFI antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



BENEFITS

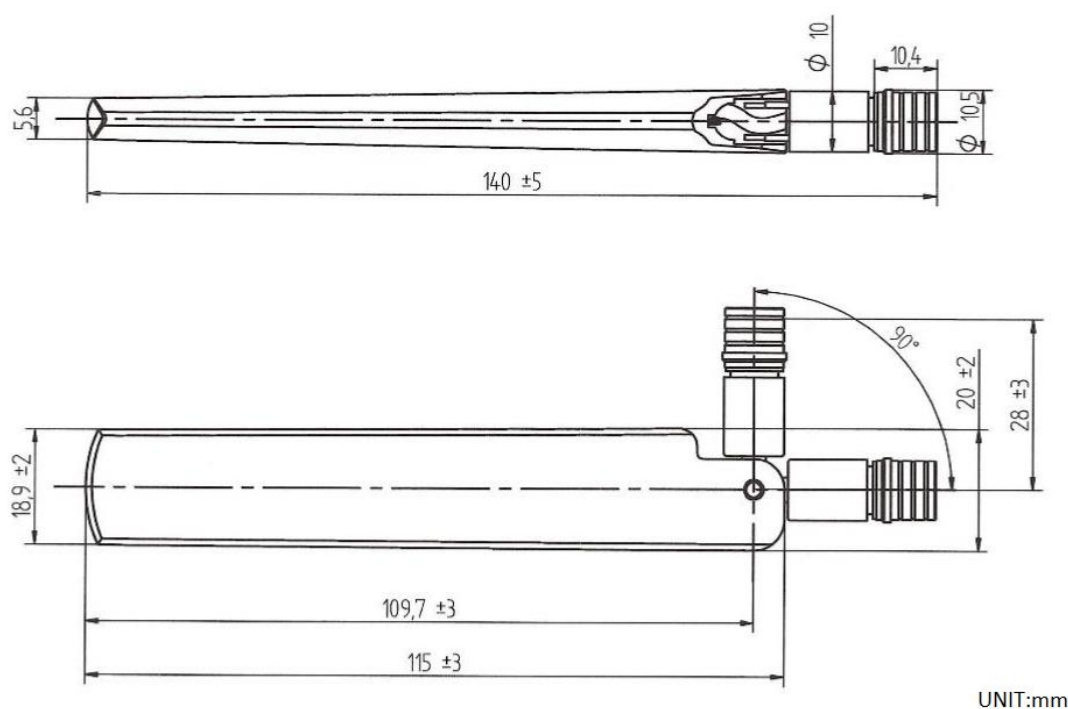
- Easy installation
- High frequency range (WIFI 6E)
- Low VSWR

FEATURES

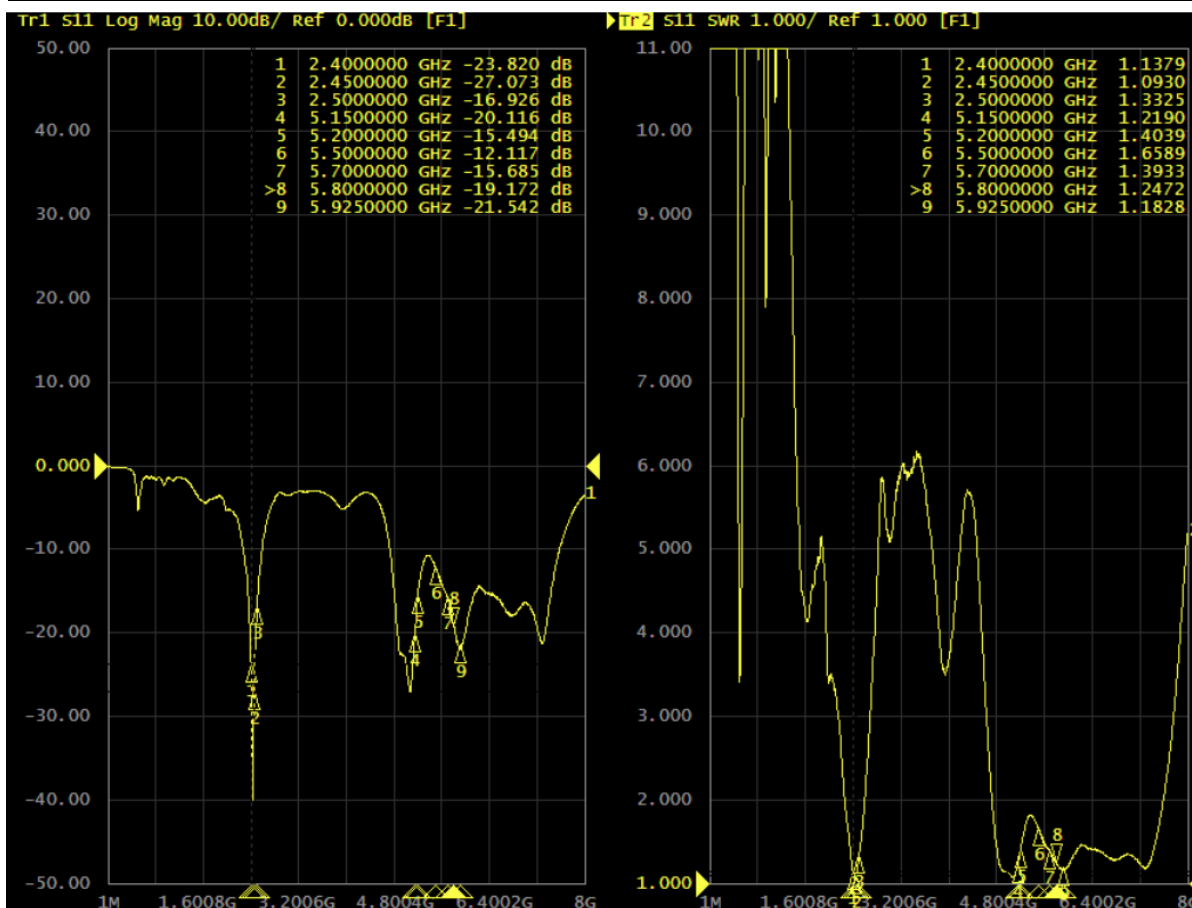
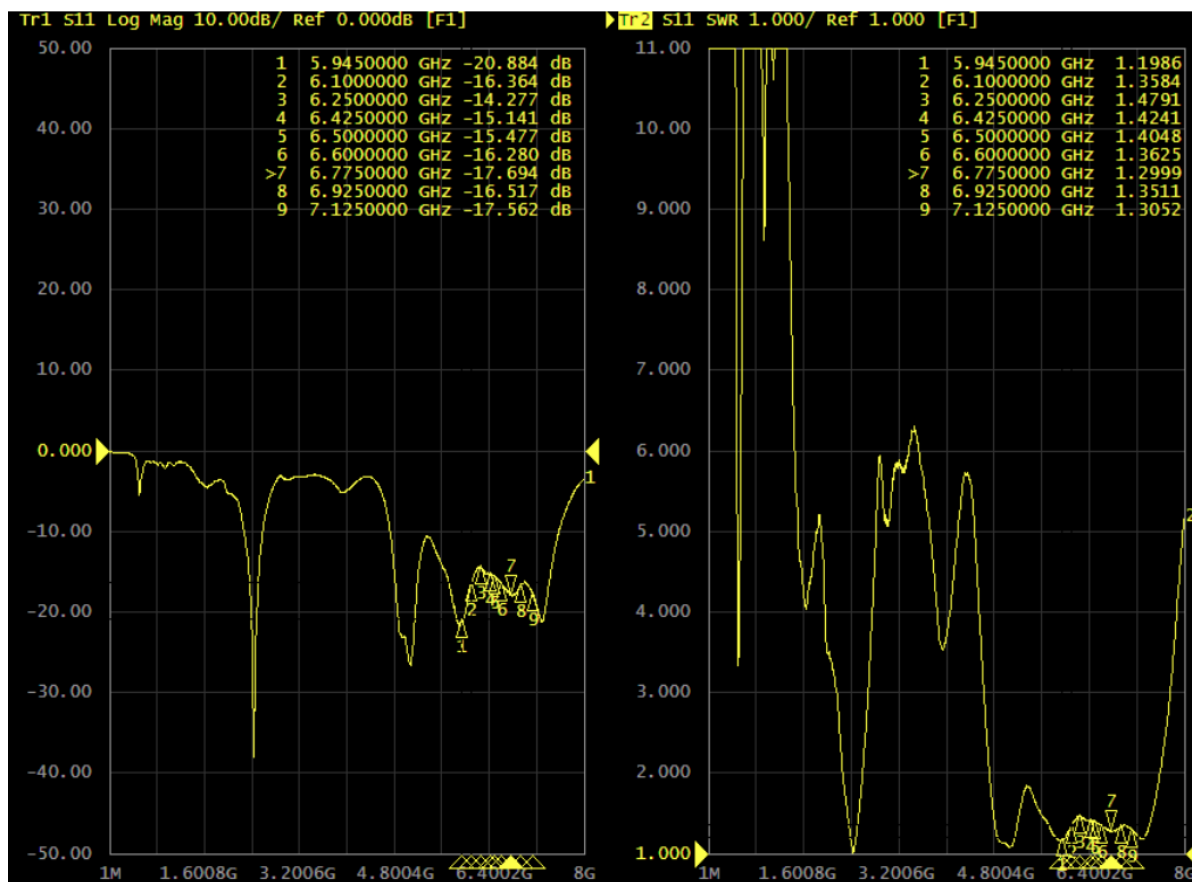
AW-A2471G-F979L

Technology	WIFI 6E
Frequency bands	2400 - 7100 MHz
Bandwidth	-
Gain	6.3 dBi
VSWR	<1.7:1
Impedance	50 Ohm
Directivity	Omni-directional
Beam angle	-
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	20 x 140.2 mm
Weight	160 g
Operating temperature	-20 °C-+70 °C
Execution	External
Method of attachment	Connector Mount
Cable type	-
The cable length	-
Connector type	QMA(m)
Certification	RoHS, ISO9001, ISO14001

DRAWING

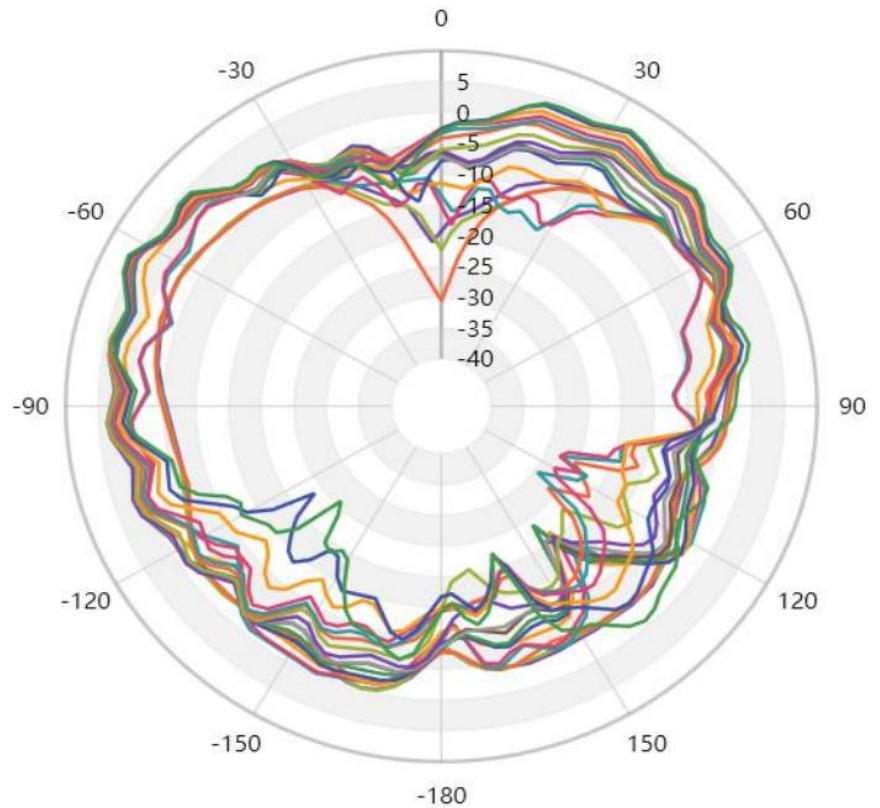


S11 – Return loss [dB] & VSWR – Standing wave ratio [-]

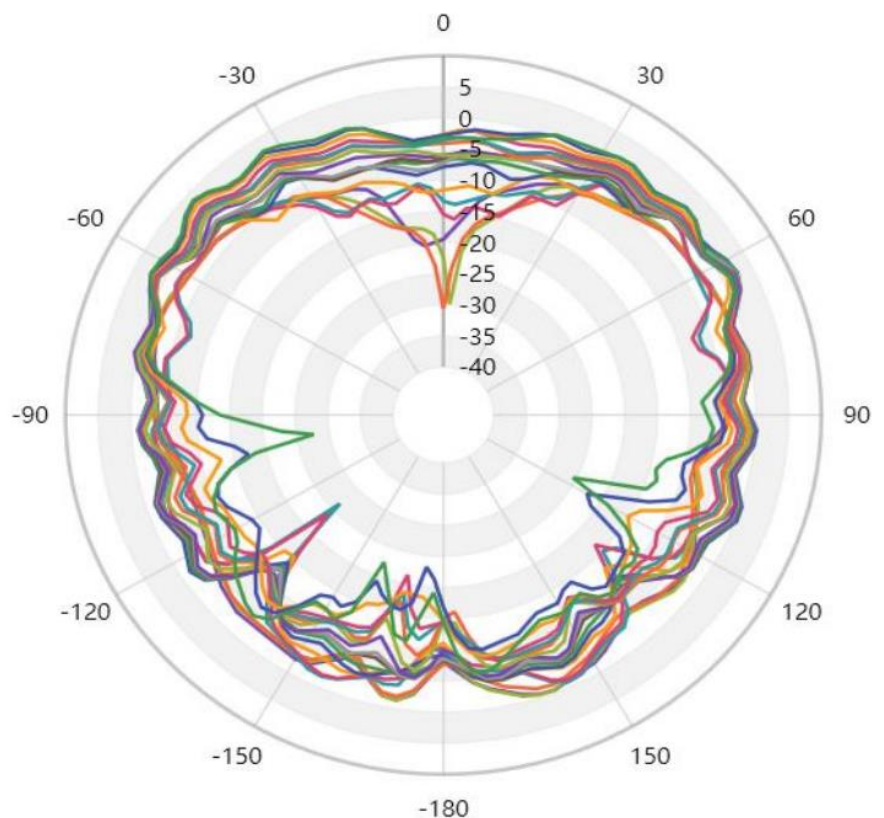


2D - Radiation pattern [-]

0° 2400.00 MHz ETotal
0° 2450.00 MHz ETotal
0° 2500.00 MHz ETotal
0° 5150.00 MHz ETotal
0° 5200.00 MHz ETotal
0° 5500.00 MHz ETotal
0° 5700.00 MHz ETotal
0° 5800.00 MHz ETotal
0° 5925.00 MHz ETotal
0° 5945.00 MHz ETotal
0° 6100.00 MHz ETotal
0° 6250.00 MHz ETotal
0° 6425.00 MHz ETotal
0° 6500.00 MHz ETotal
0° 6600.00 MHz ETotal
0° 6775.00 MHz ETotal
0° 6925.00 MHz ETotal
0° 7125.00 MHz ETotal



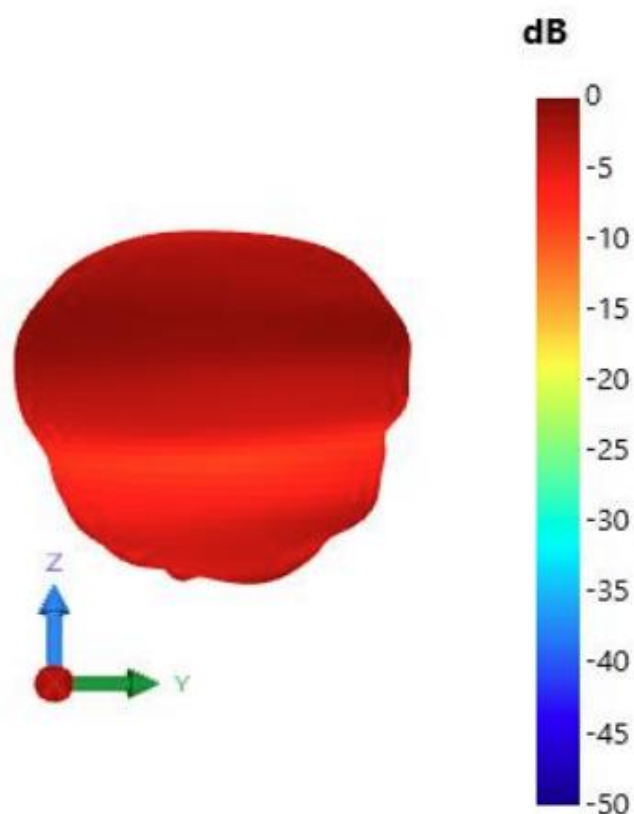
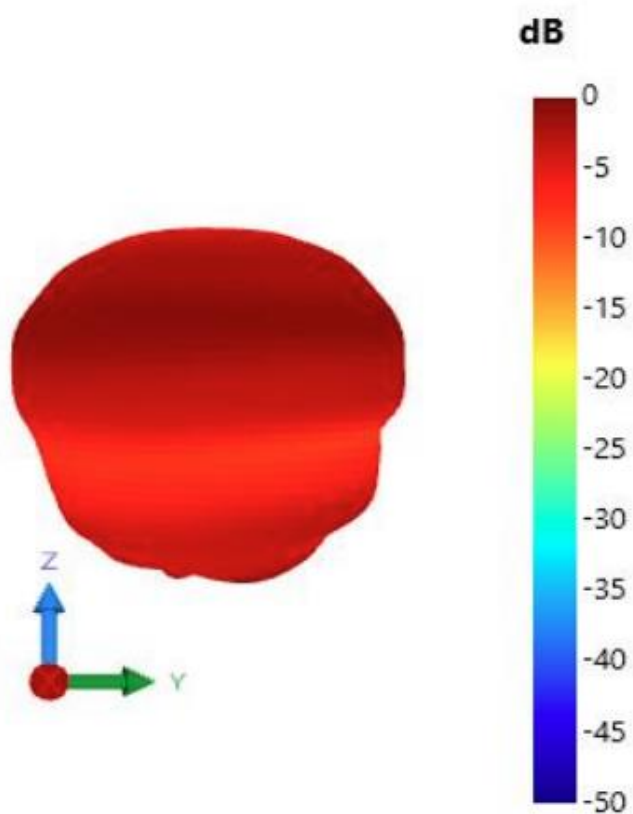
90° 2400.00 MHz ETotal
90° 2450.00 MHz ETotal
90° 2500.00 MHz ETotal
90° 5150.00 MHz ETotal
90° 5200.00 MHz ETotal
90° 5500.00 MHz ETotal
90° 5700.00 MHz ETotal
90° 5800.00 MHz ETotal
90° 5925.00 MHz ETotal
90° 5945.00 MHz ETotal
90° 6100.00 MHz ETotal
90° 6250.00 MHz ETotal
90° 6425.00 MHz ETotal
90° 6500.00 MHz ETotal
90° 6600.00 MHz ETotal
90° 6775.00 MHz ETotal
90° 6925.00 MHz ETotal
90° 7125.00 MHz ETotal



3D - Radiation pattern [-]

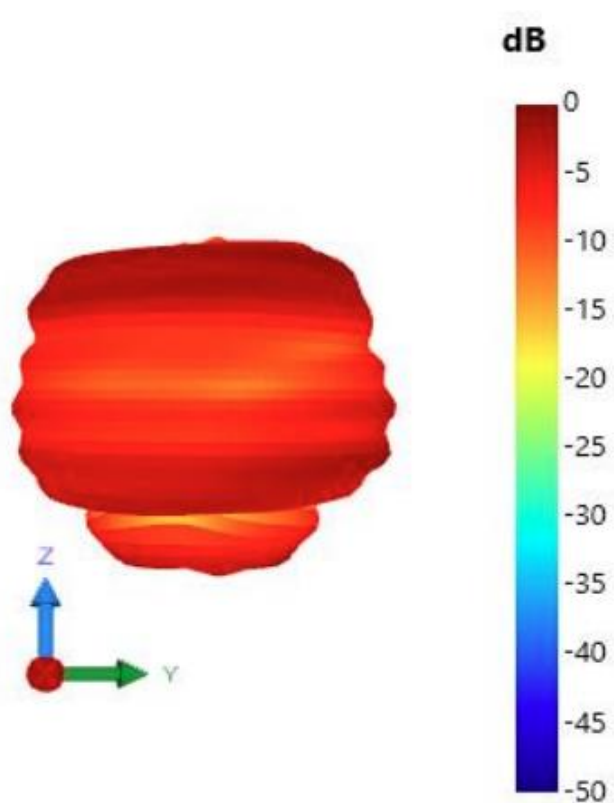
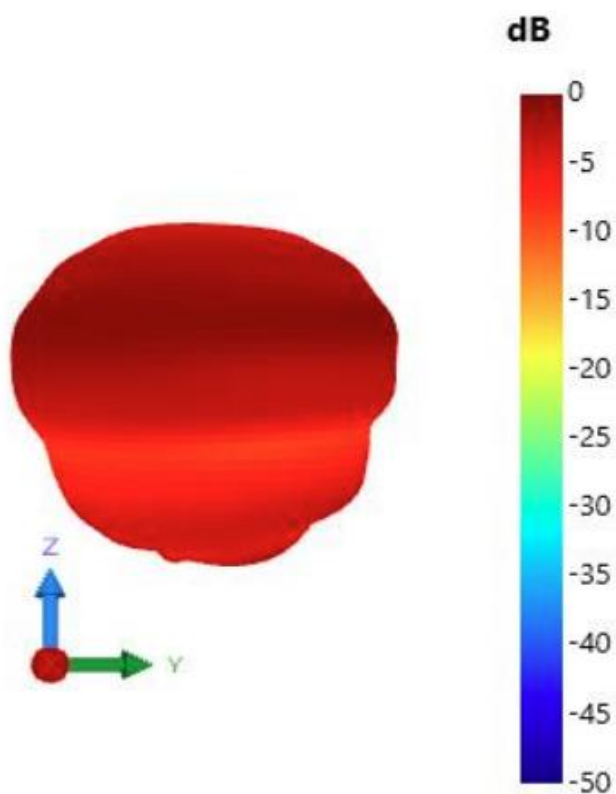
2400

2450

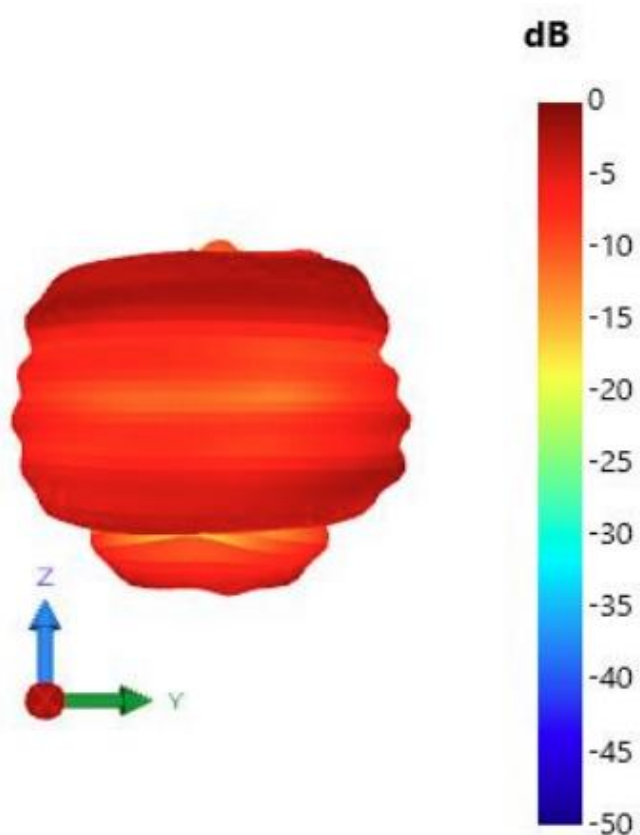


2500

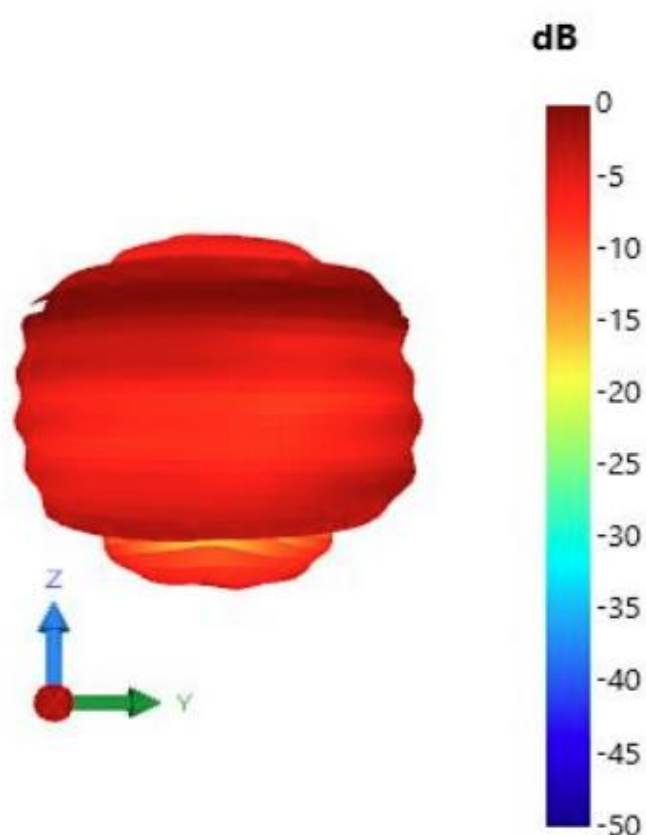
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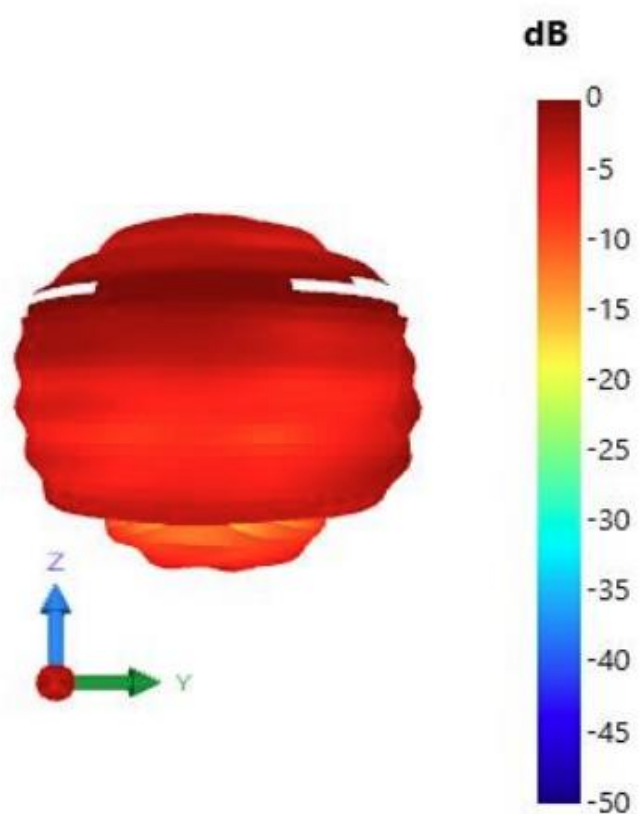
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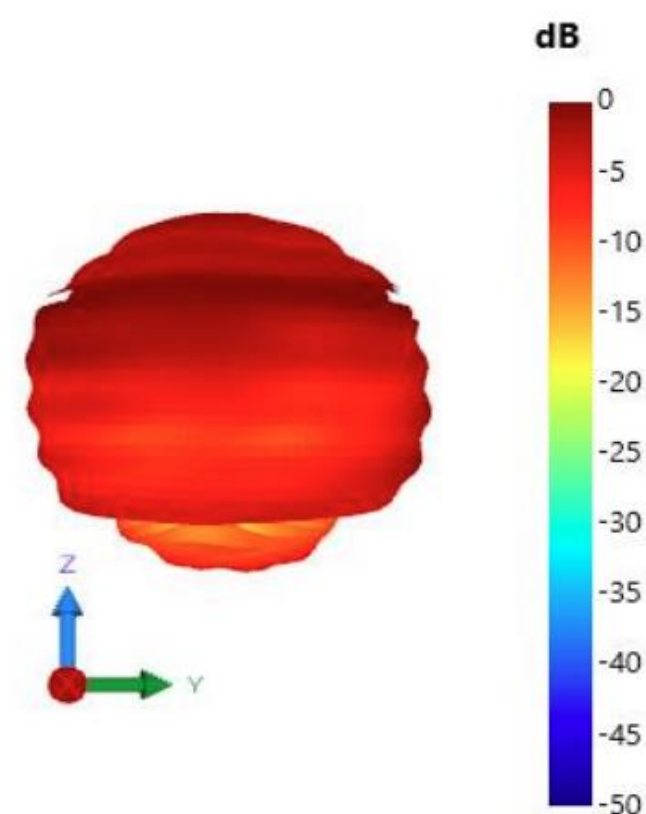
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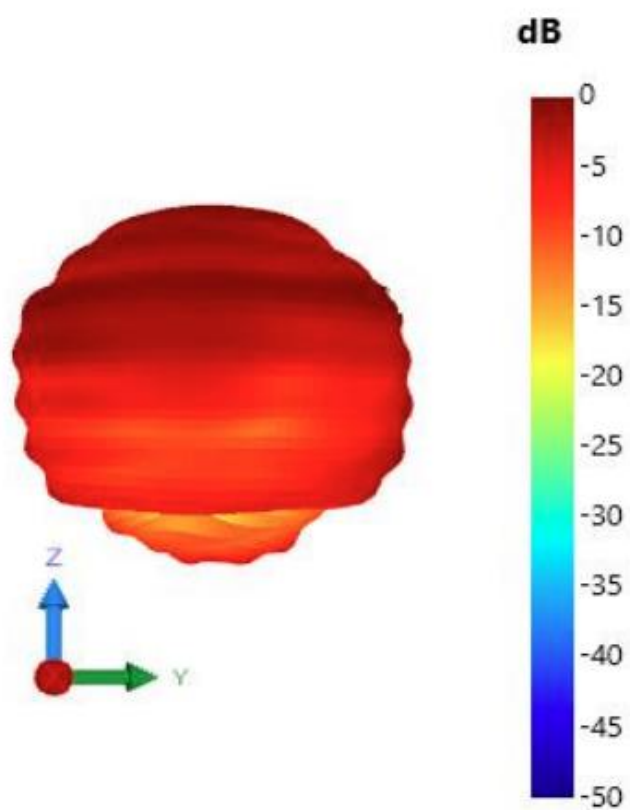
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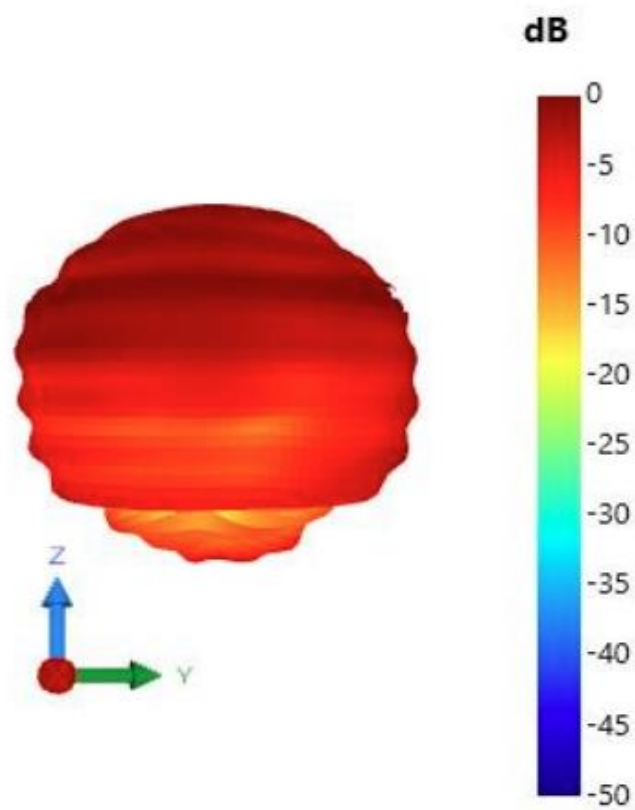
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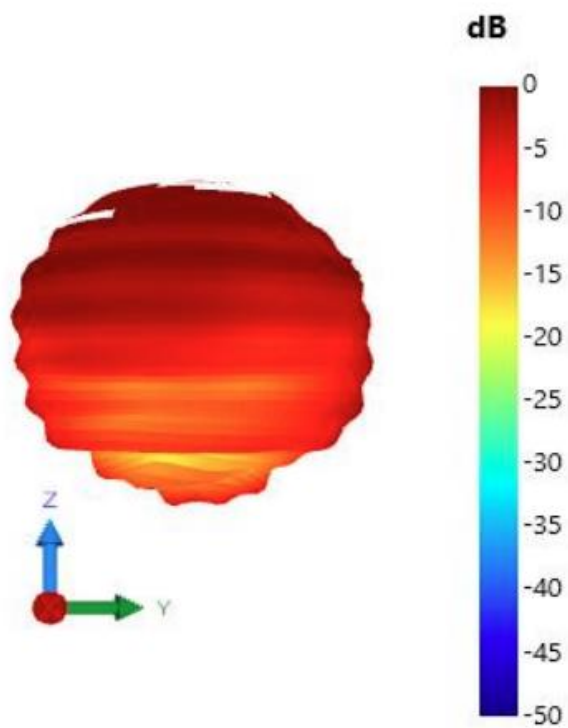
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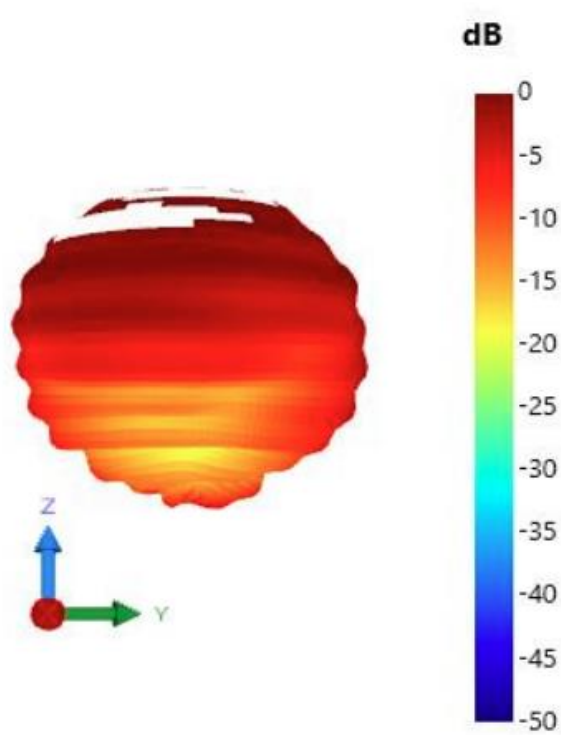
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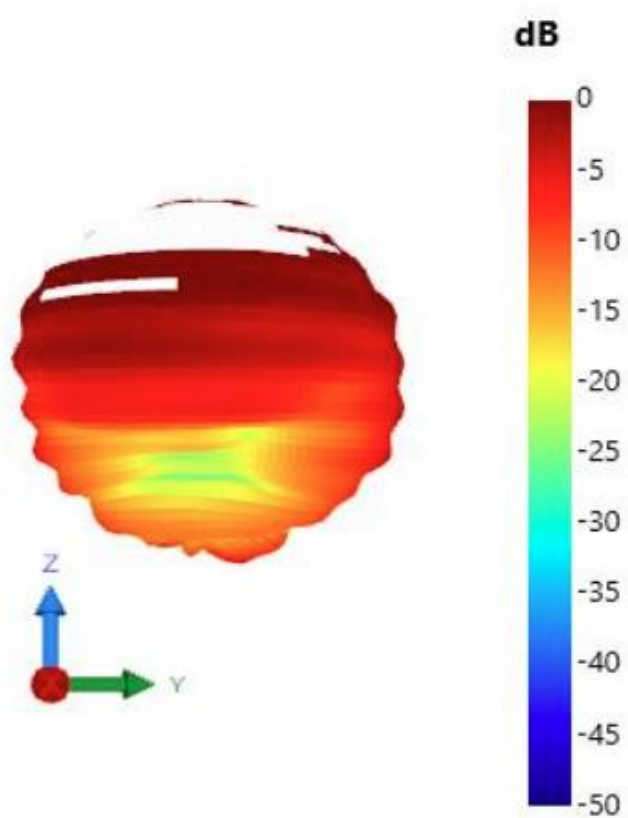
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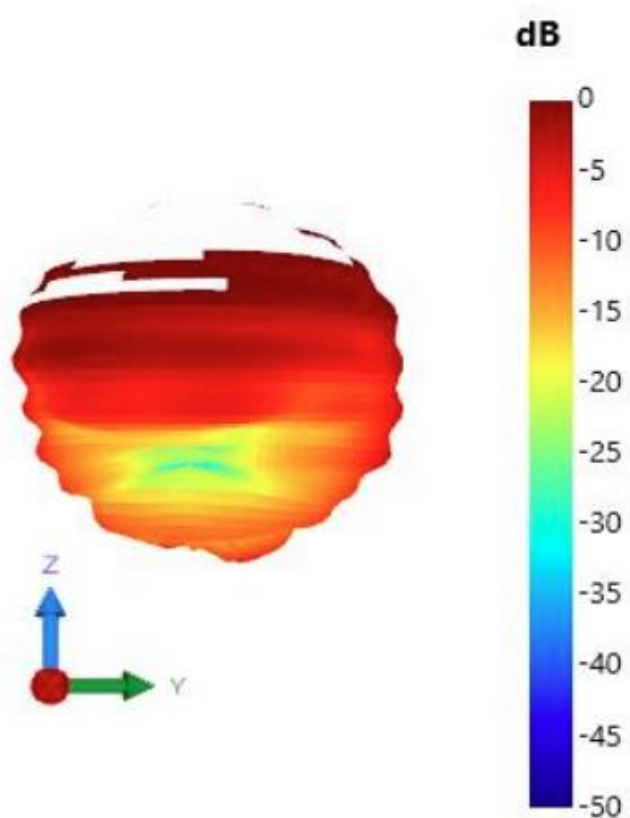
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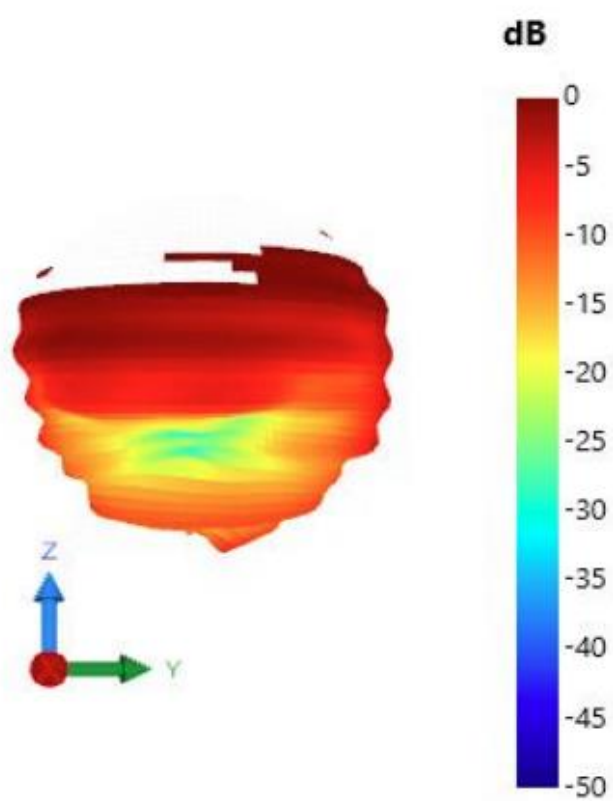
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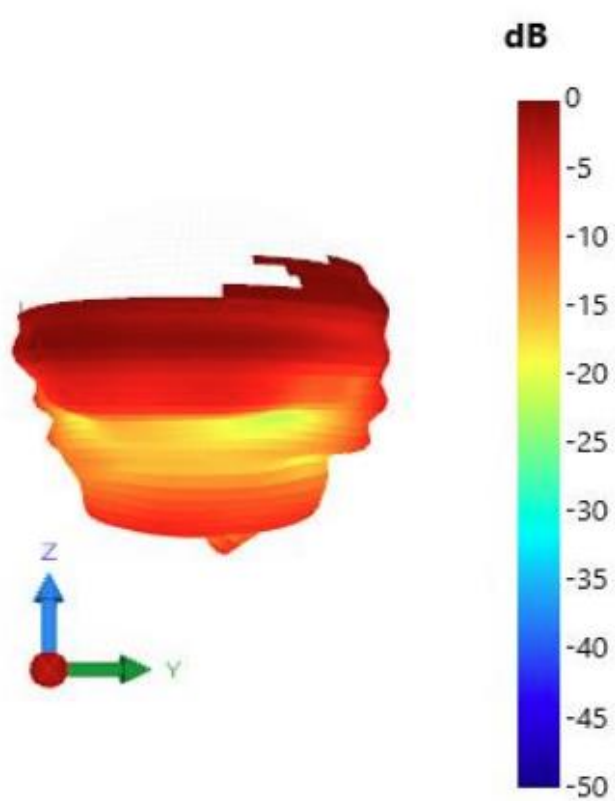
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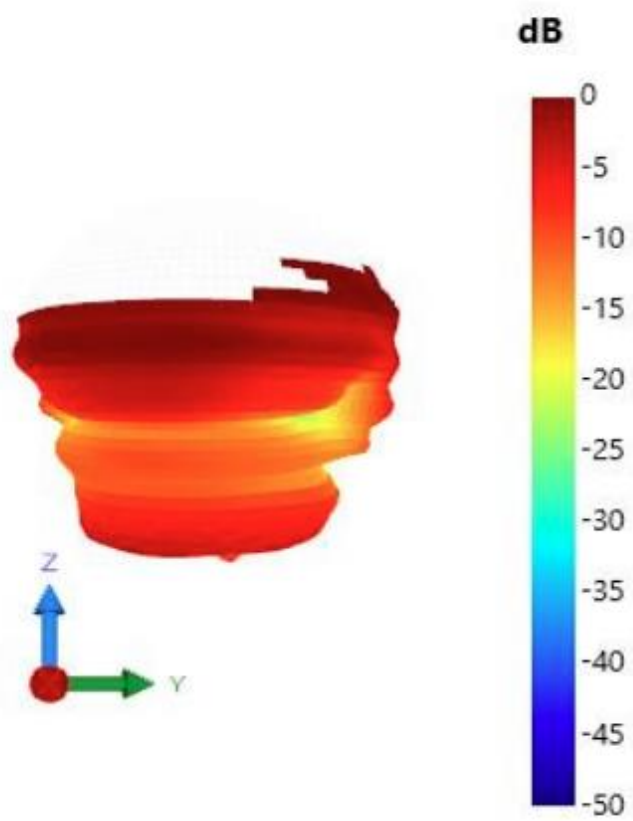
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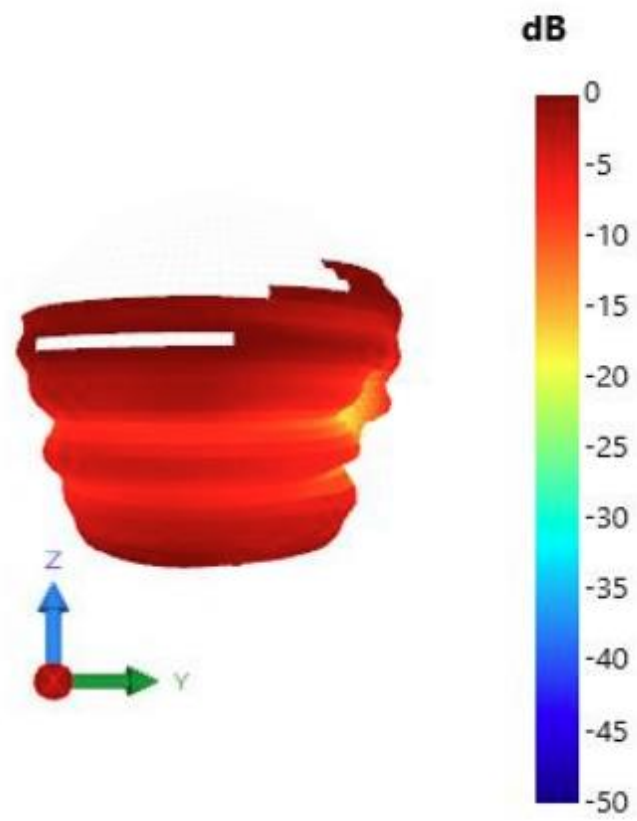
6775



6925



7125



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dBi)
2400	-23.82	1.13	40.36	0.52
2450	-27.07	1.09	41.02	0.49
2500	-16.92	1.33	39.26	-0.75
5150	-20.11	1.21	42.66	0.87
5200	-15.49	1.40	40.55	0.62
5500	-12.11	1.65	57.41	3.25
5700	-15.68	1.39	71.78	4.89
5800	-19.17	1.24	69.98	4.90
5925	-21.54	1.18	70.47	5.04
5945	-20.88	1.19	72.11	5.19
6100	-16.36	1.35	74.47	5.31
6250	-14.27	1.47	71.45	5.40
6425	-15.14	1.42	68.55	5.31
6500	-15.47	1.40	66.53	5.23
6600	-16.28	1.36	68.08	5.36
6775	-17.69	1.29	69.98	5.68
6925	-16.51	1.35	74.13	5.91
7125	-17.56	1.30	79.43	6.26

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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