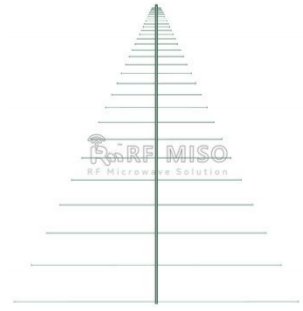


log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range



RM-LPA058-6

Log Periodic Antenna Data Sheet

Features

- Foldable
- Low VSWR
- Light Weight
- Rugged Construction
- Ideal for EMC testing

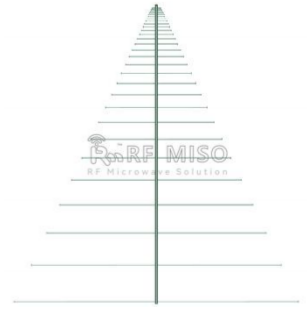
Descriptions

RF MISO's **Model RM-LPA058-6** is log periodic antenna that operates from 0.5 to 8 GHz, The antenna offers 6 dBi typical gain. The antenna VSWR is less than 2. The antenna RF ports are N-Female connector. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-LPA058-6		
Parameters	Typical	Units
Frequency Range	0.5-8	GHz
Gain	6 Typ.	dBi
VSWR	2 Typ.	
Polarization	Linear	
Antenna Form	Logarithmic antenna	
Connector	N-Female	
Material	Al	
Size (L*W*H)	574.4*536.3*51.8 (±5)	mm
Weight	0.250	kg

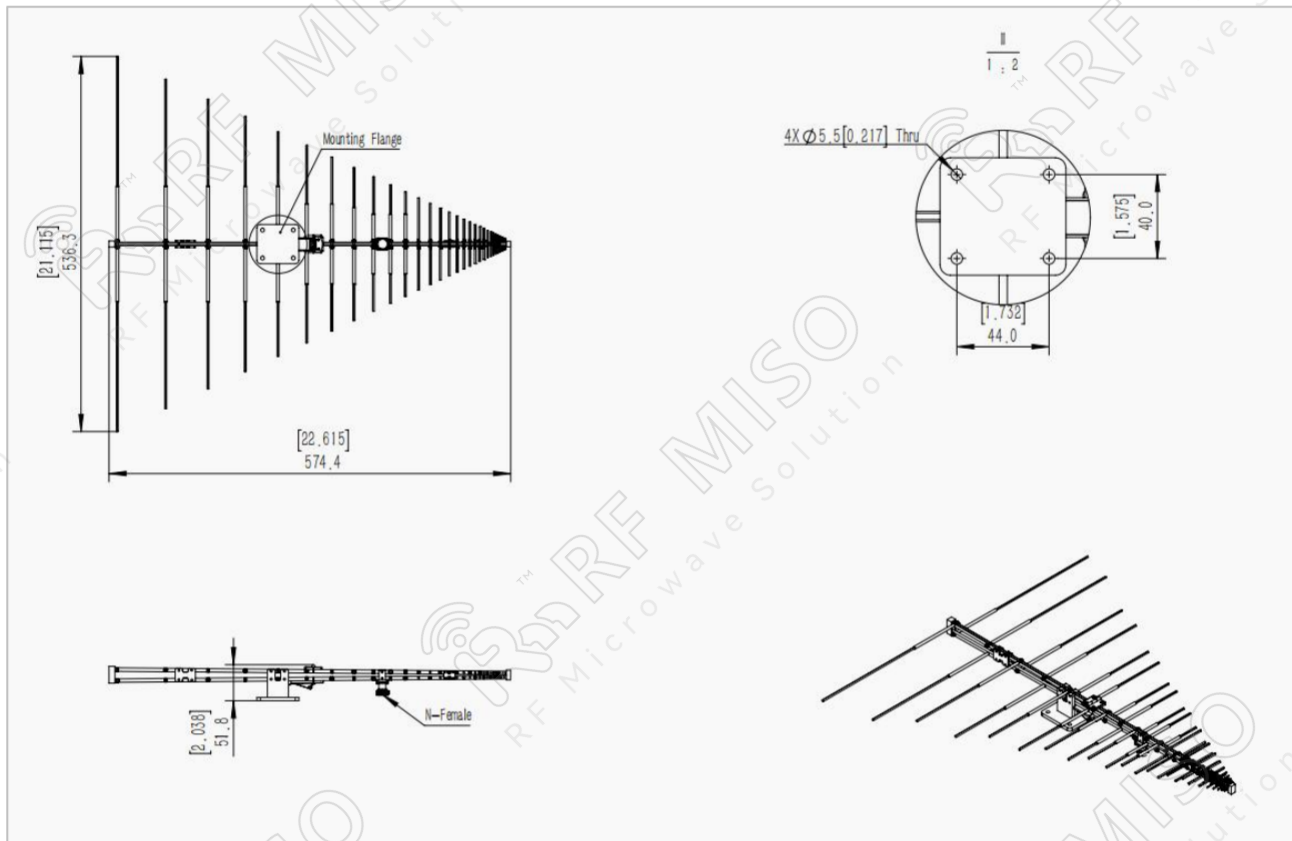
log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range



Log Periodic Antenna Data Sheet

RM-LPA058-6

Outline Drawing



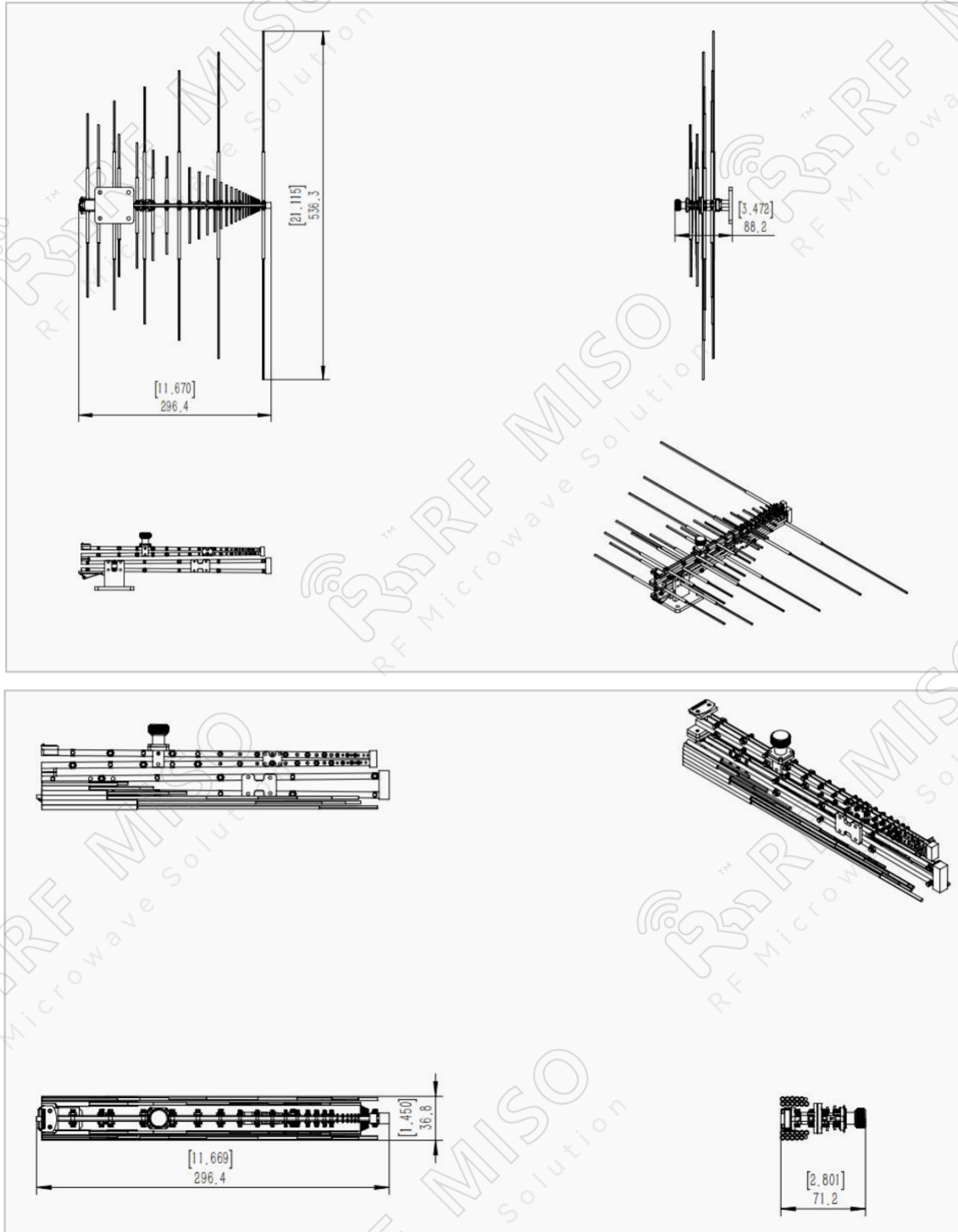
log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range



Log Periodic Antenna Data Sheet

RM-LPA058-6

Outline Drawing After Folding



log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range

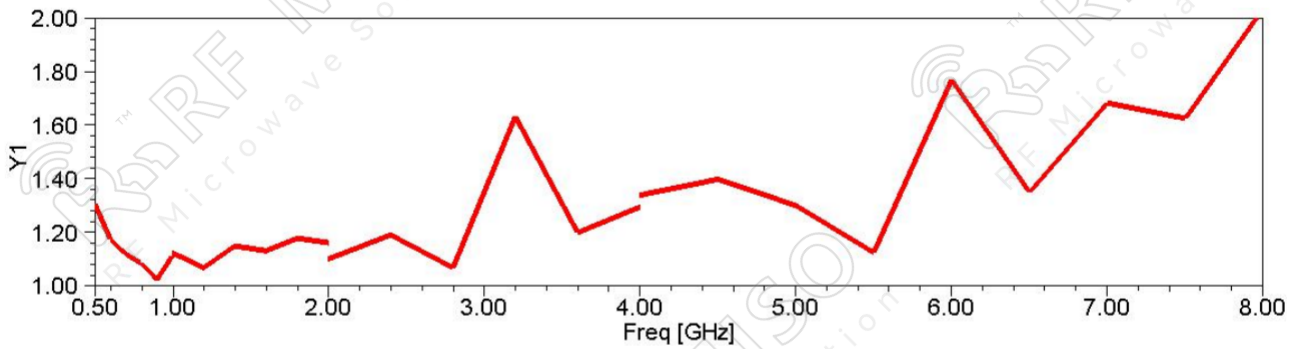


RM-LPA058-6

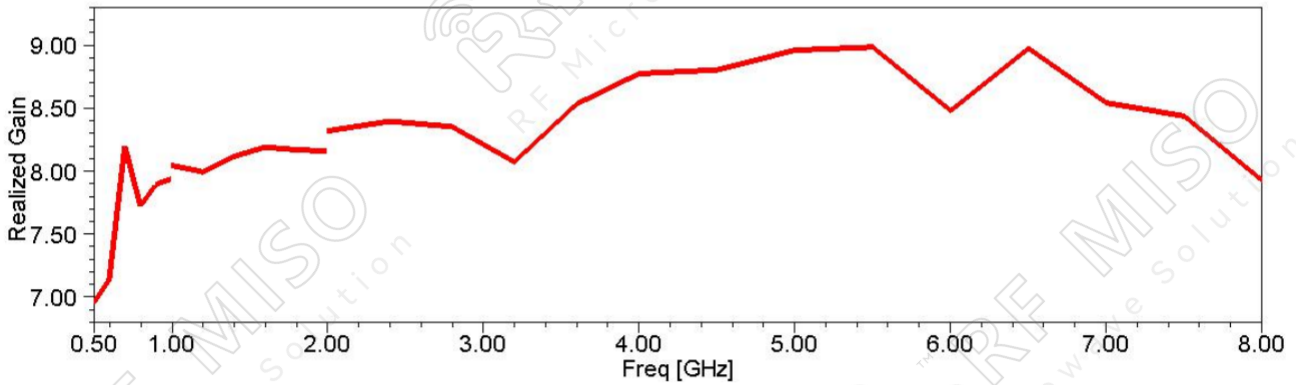
Log Periodic Antenna Data Sheet

Testing Data

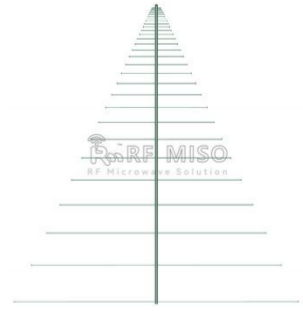
VSWR



Gain



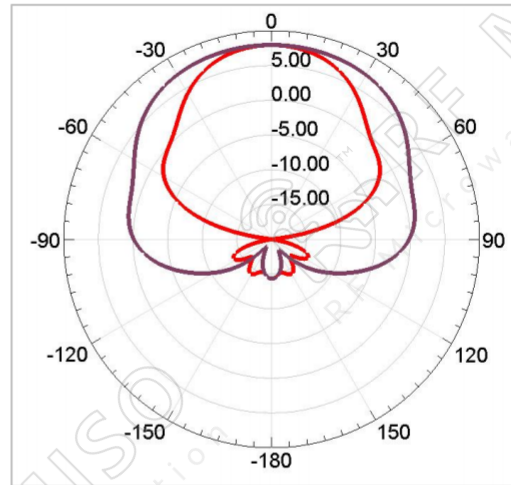
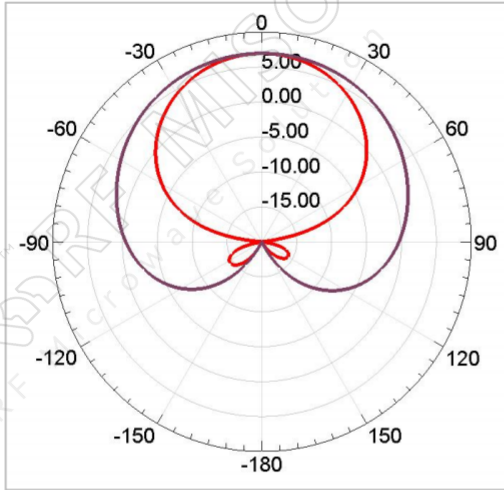
log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range



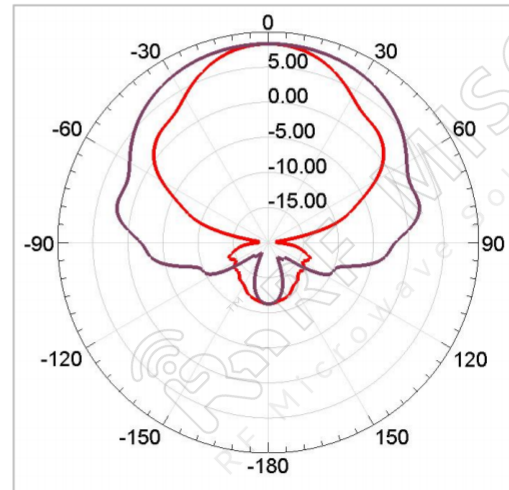
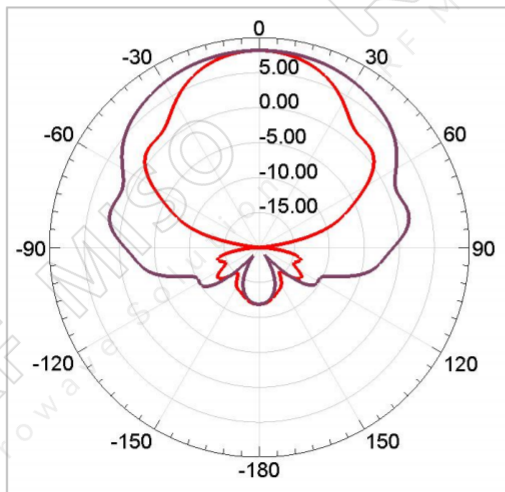
RM-LPA058-6

Log Periodic Antenna Data Sheet

Gain Patterns

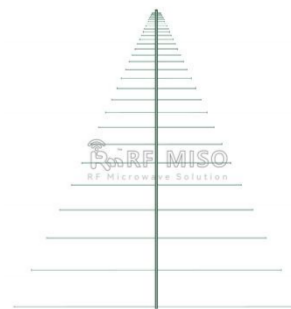


Frequency Range		0.5G	1G
3db beam width (deg)	E-Plane	64.87	54.48
	H-Plane	109.79	99.44



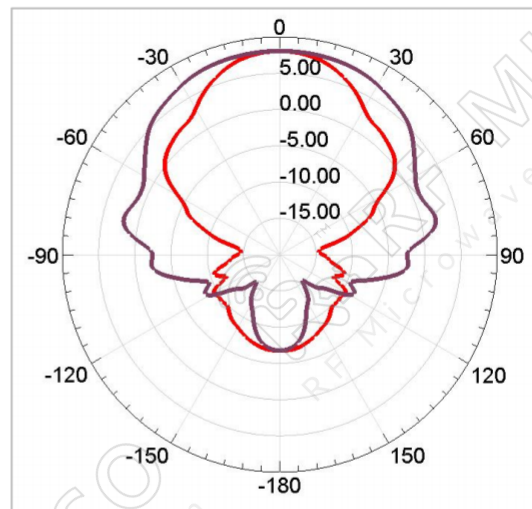
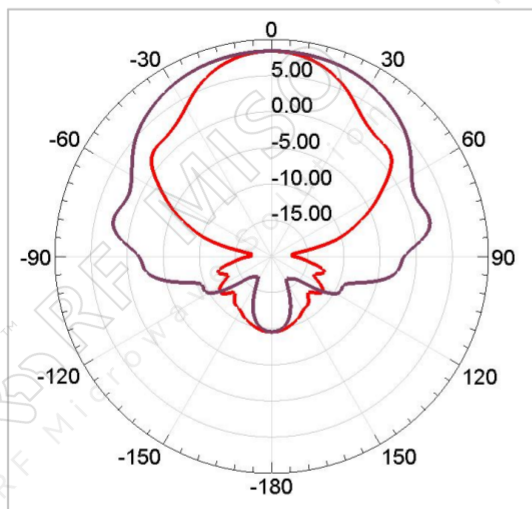
Frequency Range		1.6G	2G
3db beam width (deg)	E-Plane	51.53	48.96
	H-Plane	98.10	94.27

log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range

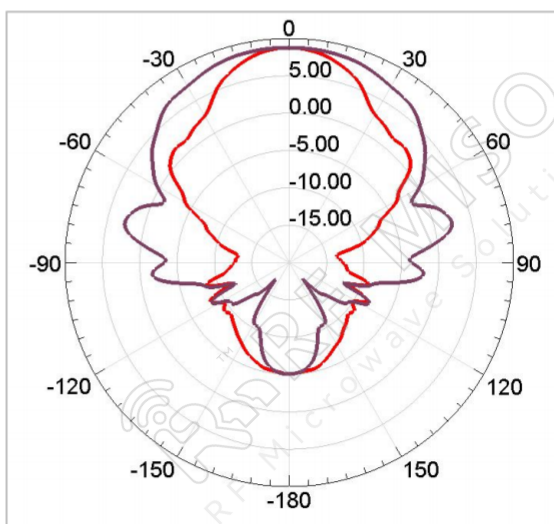
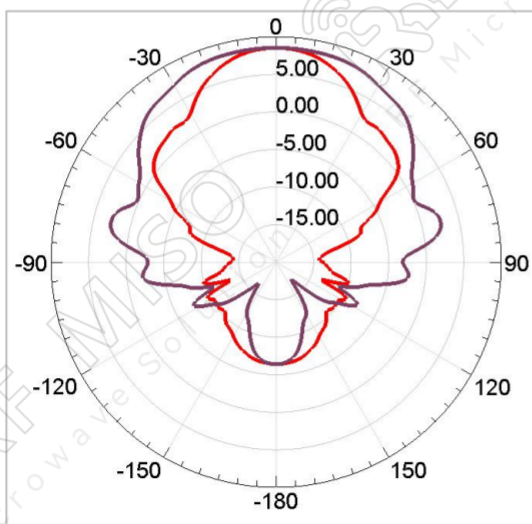


Log Periodic Antenna Data Sheet

RM-LPA058-6

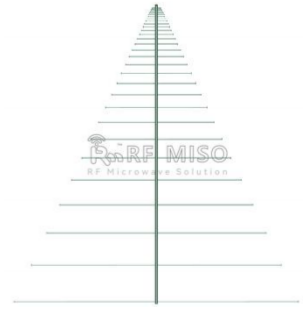


Frequency Range		2.4G	3.2G
3db beam width (deg)	E-Plane	47.83	47.27
	H-Plane	92.38	91.29



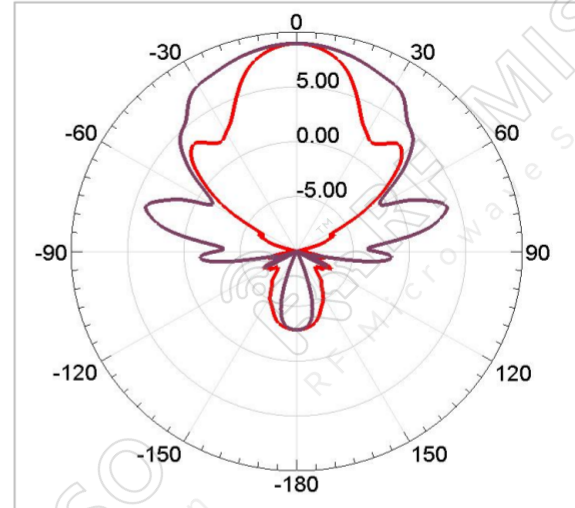
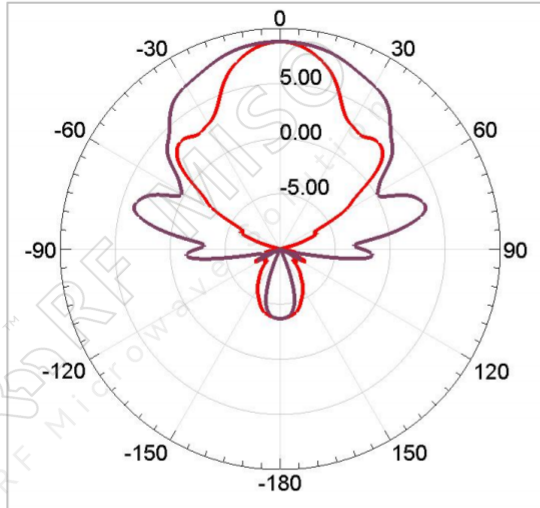
Frequency Range		3.6G	4G
3db beam width (deg)	E-Plane	44.18	42.10
	H-Plane	87.54	84.05

log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range

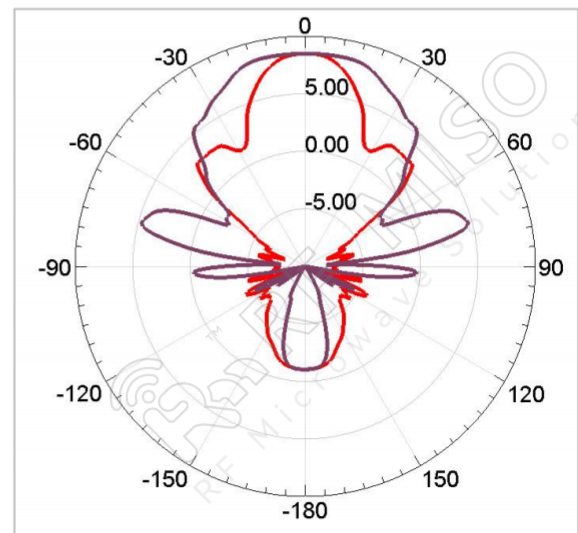
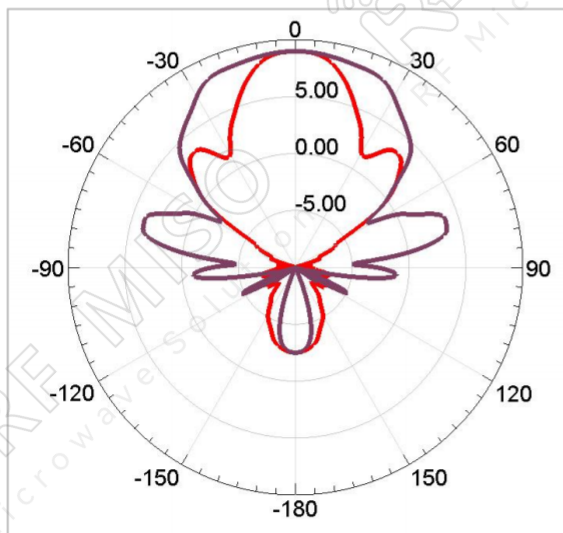


Log Periodic Antenna Data Sheet

RM-LPA058-6

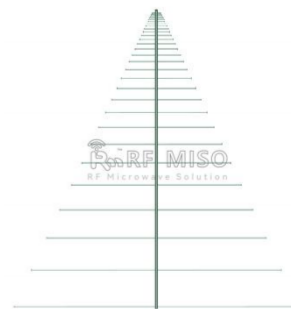


Frequency Range		4.5G	5G
3db beam width (deg)	E-Plane	37.97	36.77
	H-Plane	78.23	74.86



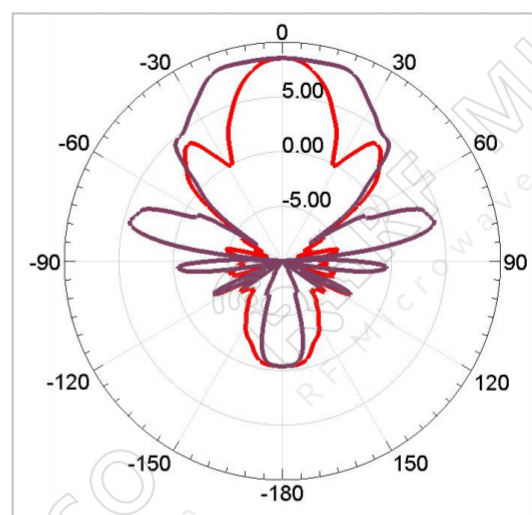
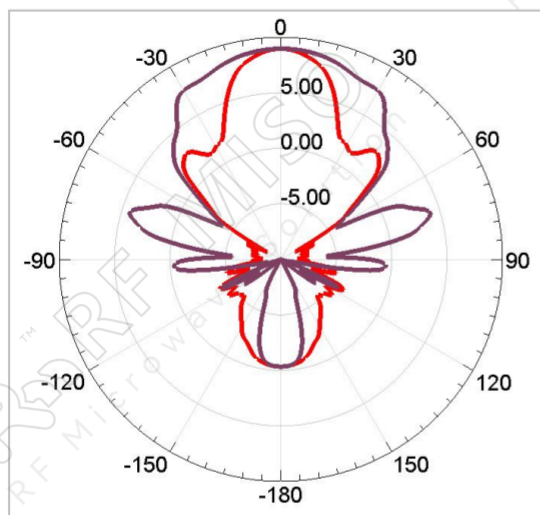
Frequency Range		5.5G	6G
3db beam width (deg)	E-Plane	35.34	34.66
	H-Plane	73.47	72.96

log periodic antenna 6 dBi Typ. Gain, 0.5-8 GHz
Frequency Range

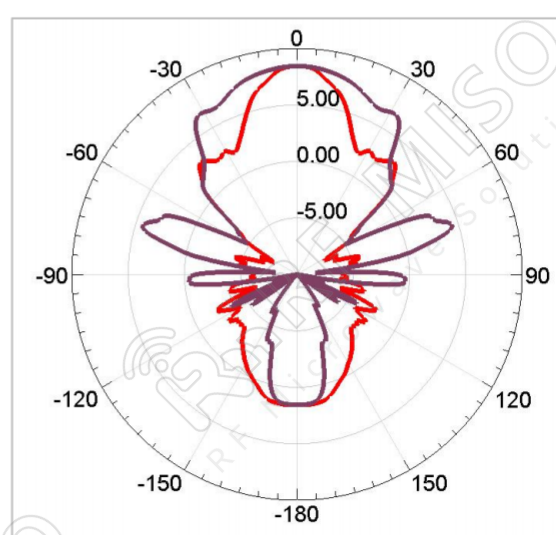
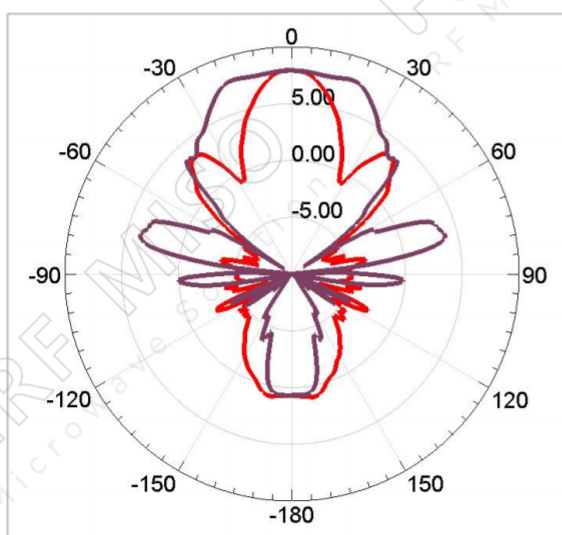


Log Periodic Antenna Data Sheet

RM-LPA058-6



Frequency Range		6.5G	7G
3db beam width (deg)	E-Plane	34.14	32.11
	H-Plane	71.90	67.43



Frequency Range		7.5G	8G
3db beam width (deg)	E-Plane	32.46	28.96
	H-Plane	70.92	61.99