

Description: MULTI BAND SWIVEL MOUNT DIPOLE
698-960&1400-1700&1710-2690MHz

Series: Blade Antenna

PART NUMBER: **W5095X**



W5095

W5095K

Features:

- 698-2690MHz
- Gain 1-2.5dBi
- IP65
- Total length 229mm (straight)
- Total length 197.5mm (bent)
- Width 30.5mm
- Connector options:
 - W5095 TNC male
 - W5095K SMA male

Applications:

- LTE radios
- 2G/3G/4G radios
- Gateways, set top boxes, security
- Optimized for straight and 90deg bent positions

Issue: 1849

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ELECTRICAL SPECIFICATIONS

Frequency	698-960/1400-1700/1710-2690	MHz
Nominal Impedance	50	Ω
VSWR	2.5:1 @698-960MHz 3:1 @1400-1700MHz 2.5:1 @1710-2690MHz	
Gain (698-960MHz)	1.0	dBi+/- 1dB
Gain (1400-2170MHz)	1.07	dBi+/- 1dB
Gain (2300-2500MHz))	1.48	dBi+/- 1dB
Gain (2500-2690MHz))	2.16	dBi+/- 1dB
Average Efficiency(698-960MHz)	60	%
Average Efficiency(1400-2170MHz)	65	%
Average Efficiency(2300-2500MHz)	70	%
Average Efficiency(2500-2690MHz)	85	%
Horizontal Plane	OMNI	
Polarization	Vertical	
Power withstanding	3	W
Connector type	TNC male (SMA male is optional)	
Connector Options	W5095	TNC male connector
	W5095K	SMA male connector

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MECHANICAL SPECIFICATIONS

Plastic radome	ABS/PC
Color	Black
Flammability	UL94-V0
Ingress Protection	IP65
Weight	50 g
Wind-loading	100 mph
Overall Length	9[229] INCHES[mm]
Position	0°, 45° & 90°

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40/+85 ° C
Storage Temperature	-40/+85 ° C
Salt mist	96 hours

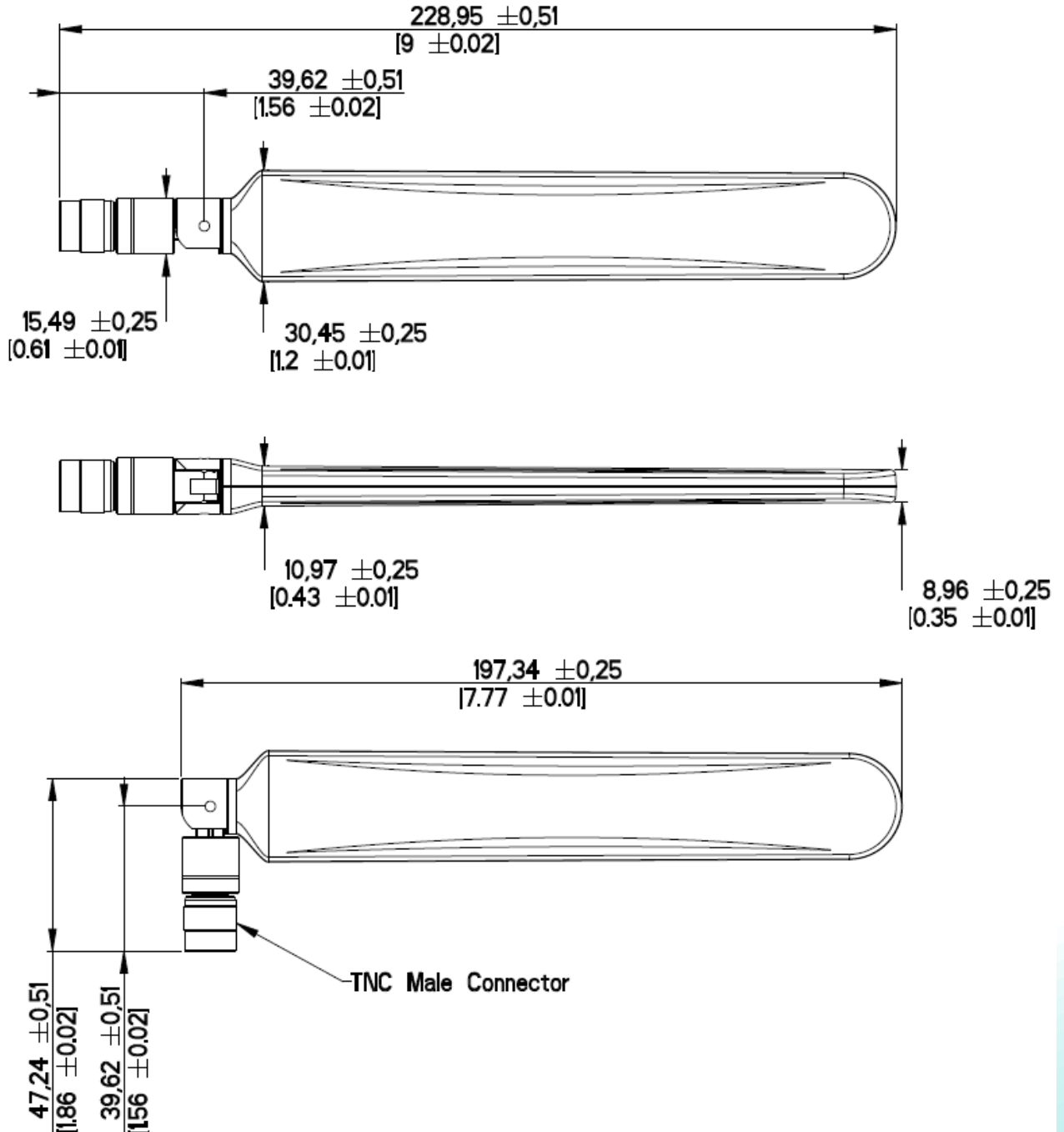
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MECHANICAL DRAWING

W5095 TNC male connector



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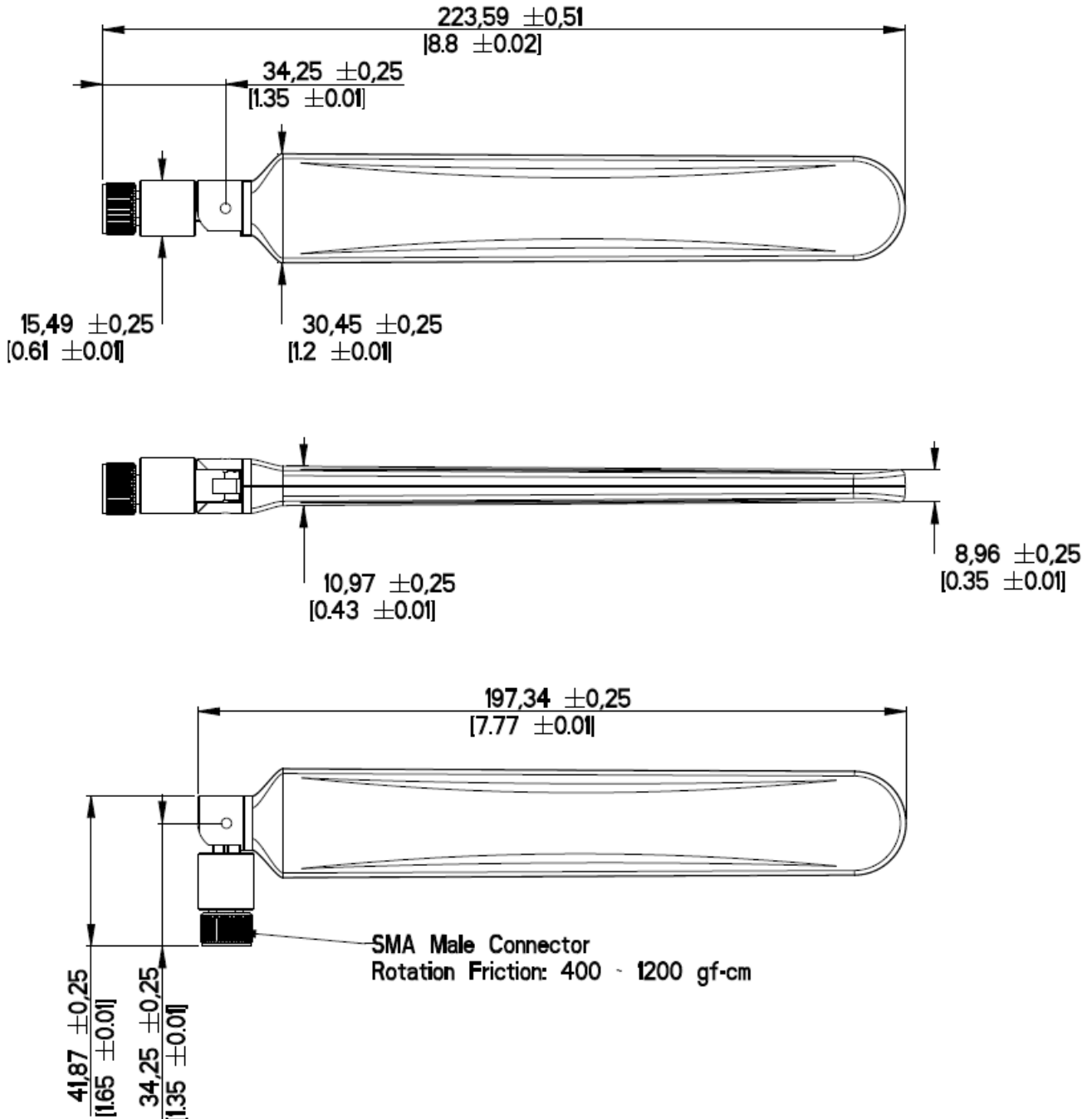
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MECHANICAL DRAWING

W5095K SMA Male connector



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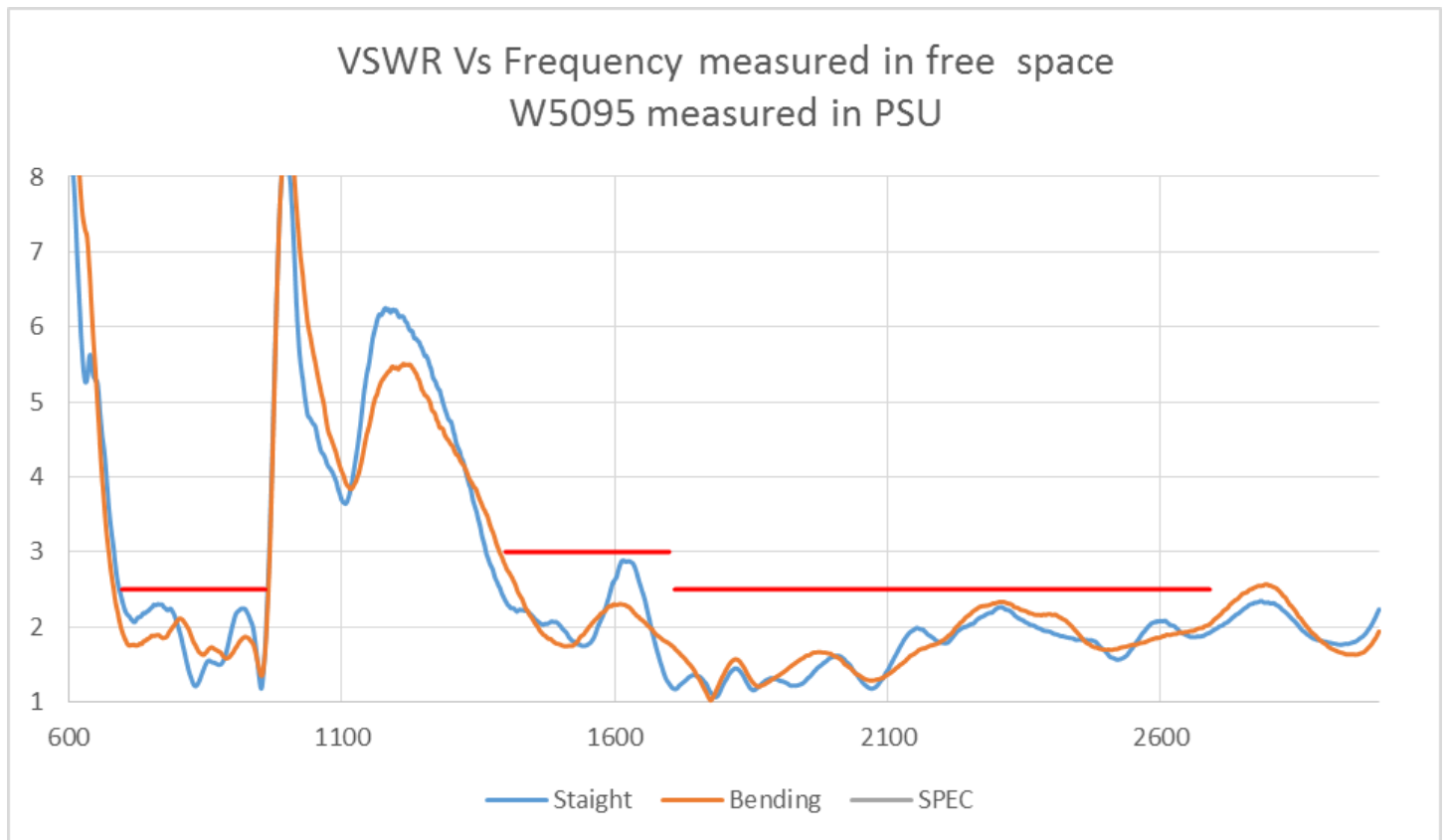
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OTHER SPECIFICATIONS

VSWR



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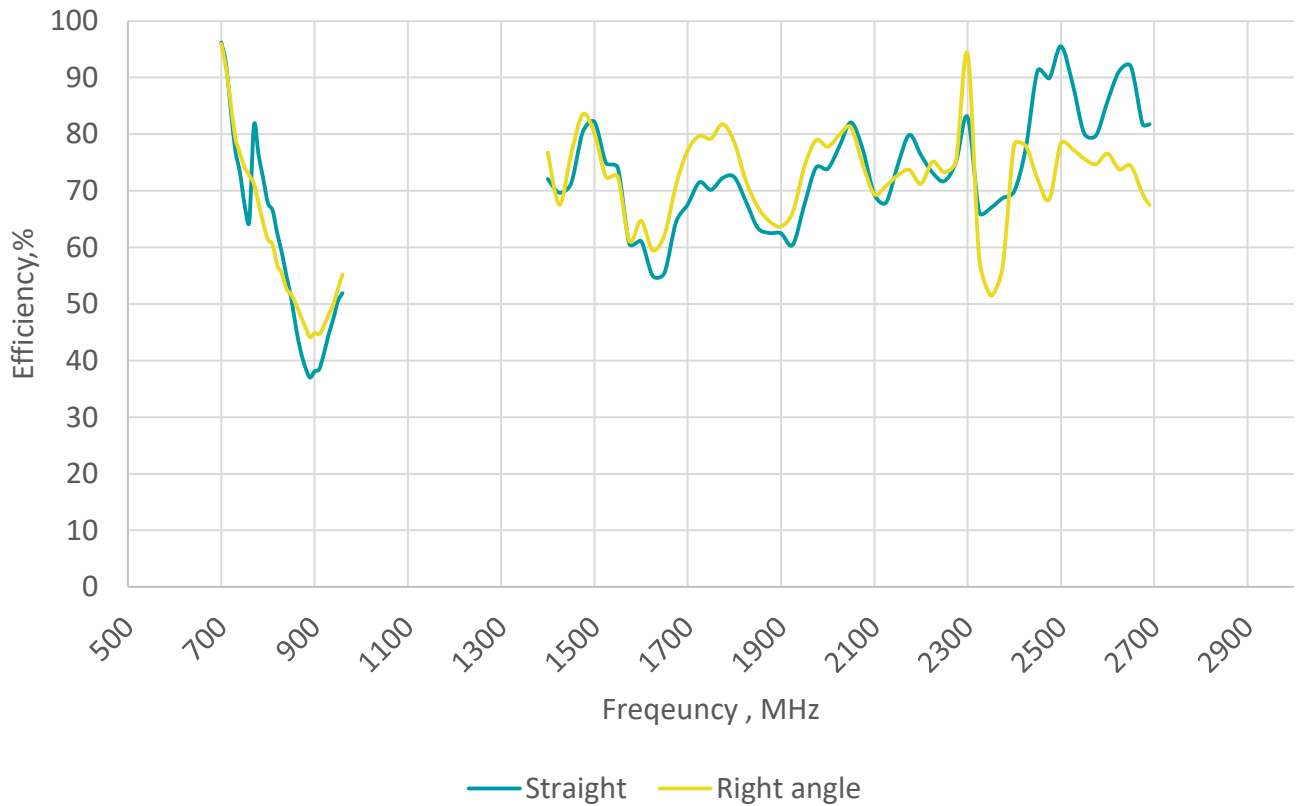
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CHARTS

Efficiency

Efficiency vs Frequency measured in free space
W5095 measured in PSU



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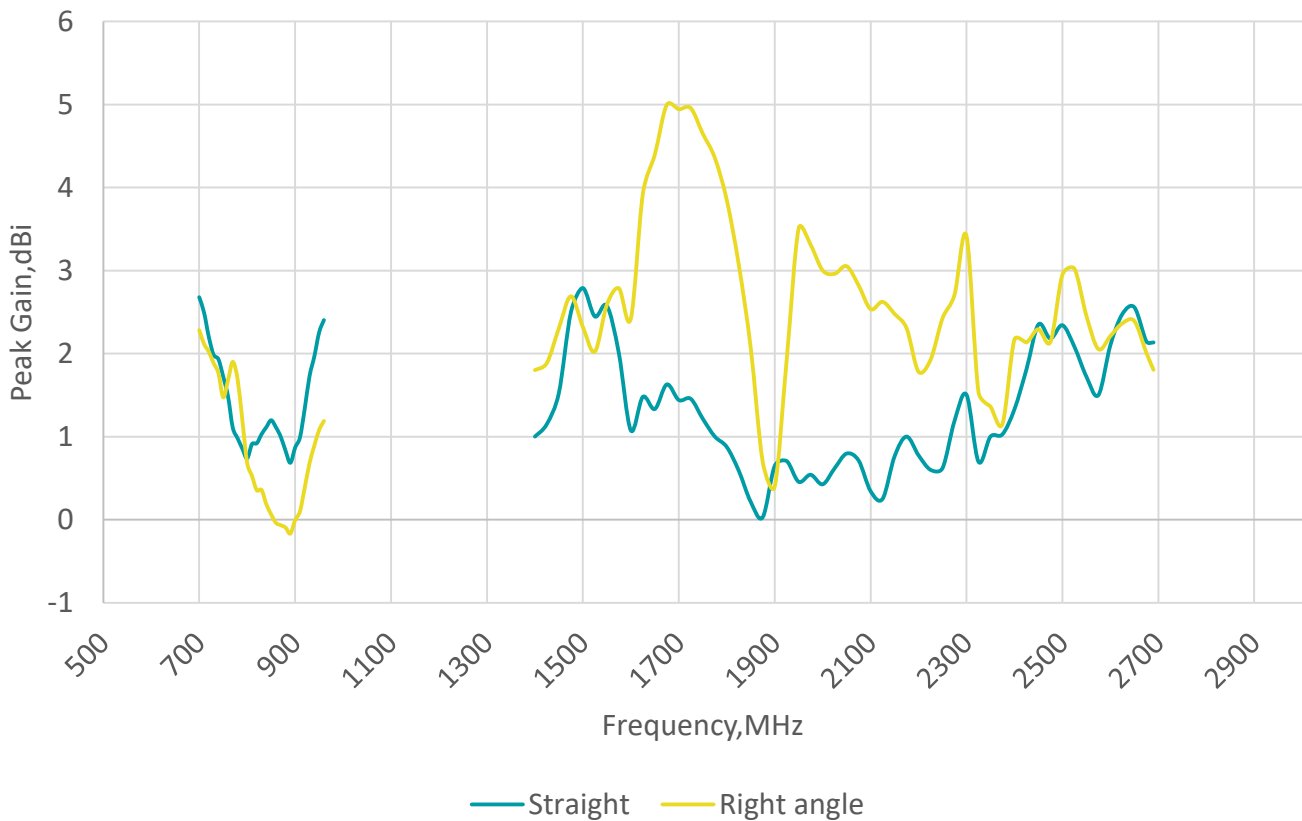
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CHARTS

Peak Gain

Peak Gain vs Frequency measured in free space
W5095 measured in PSU



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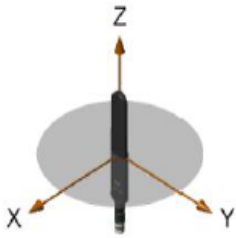
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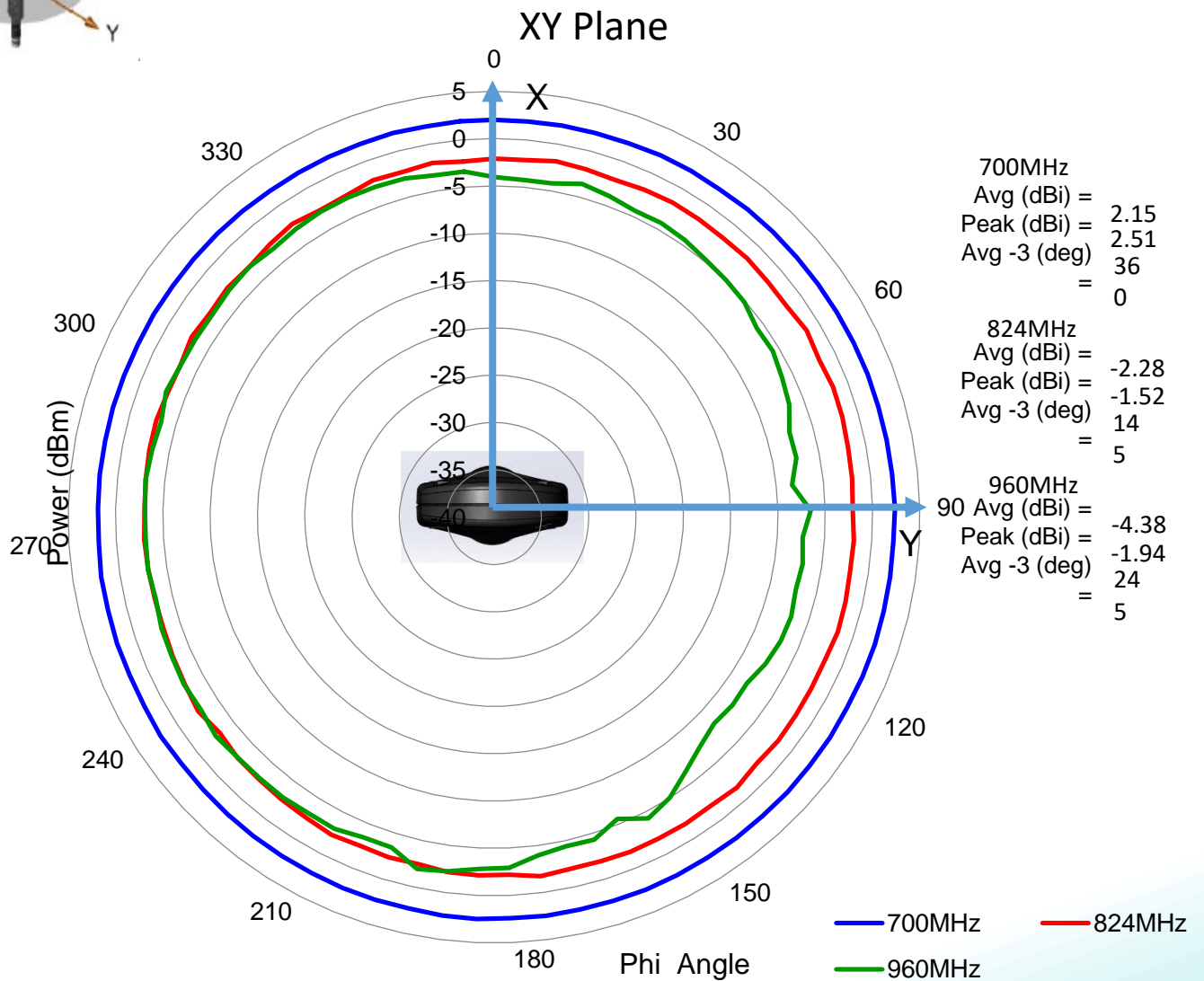
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CHARTS



Gain Plots



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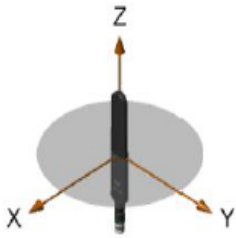


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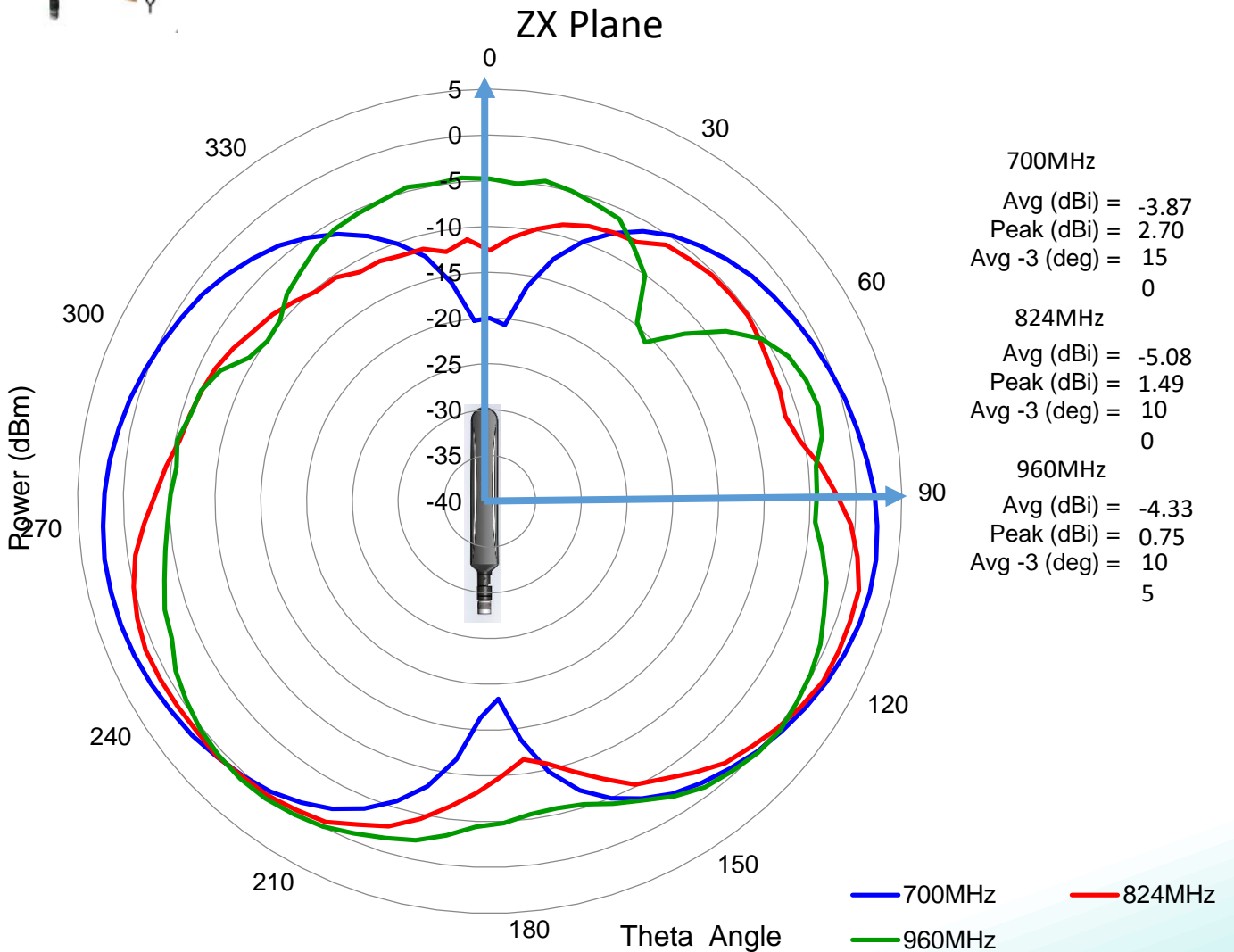
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CHARTS



Gain Plots



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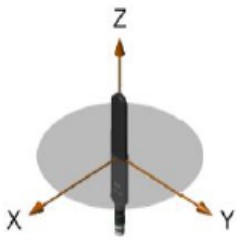


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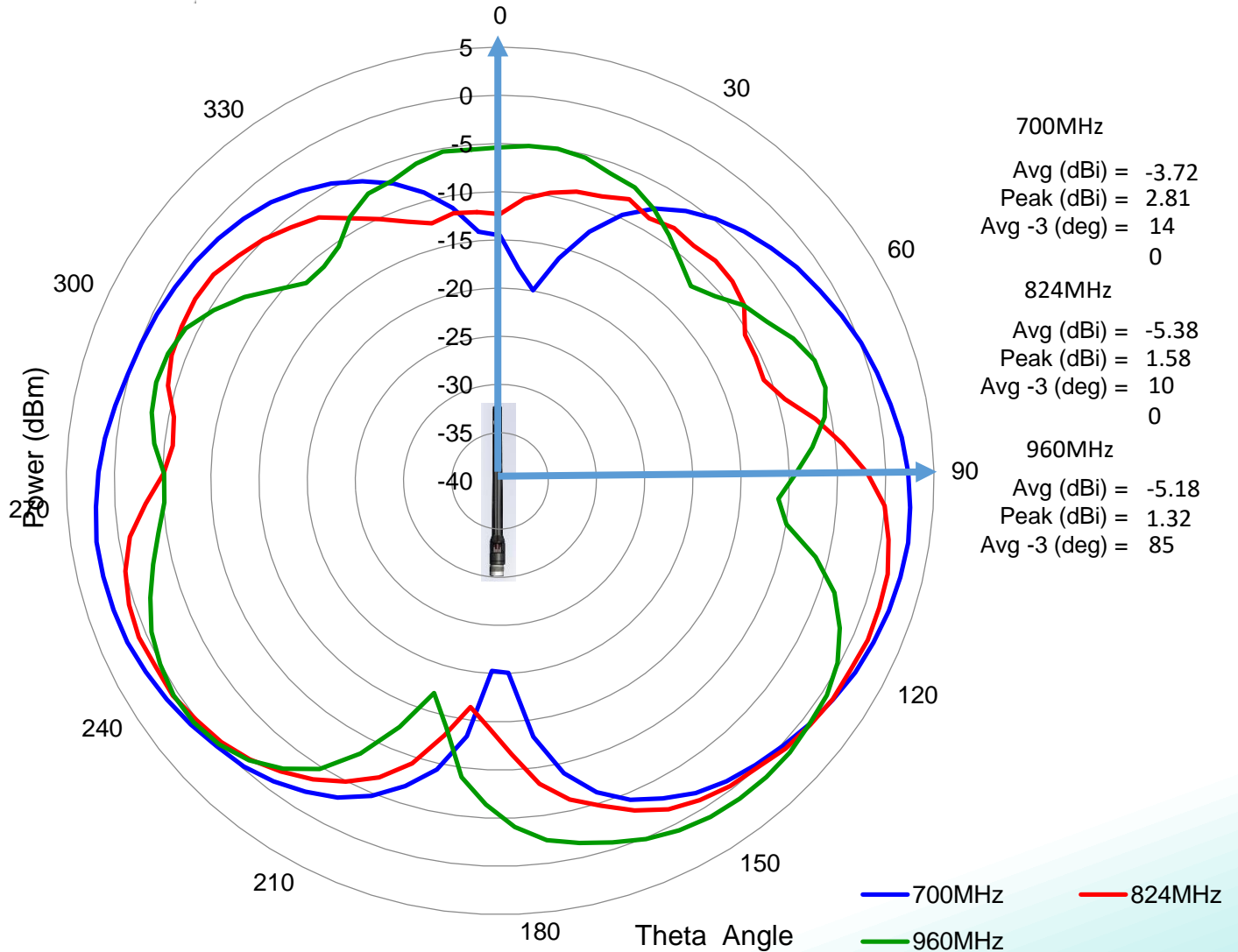
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CHARTS



Gain Plots

YZ Plane



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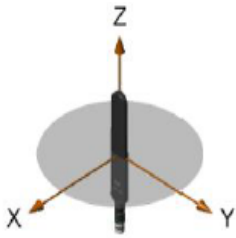


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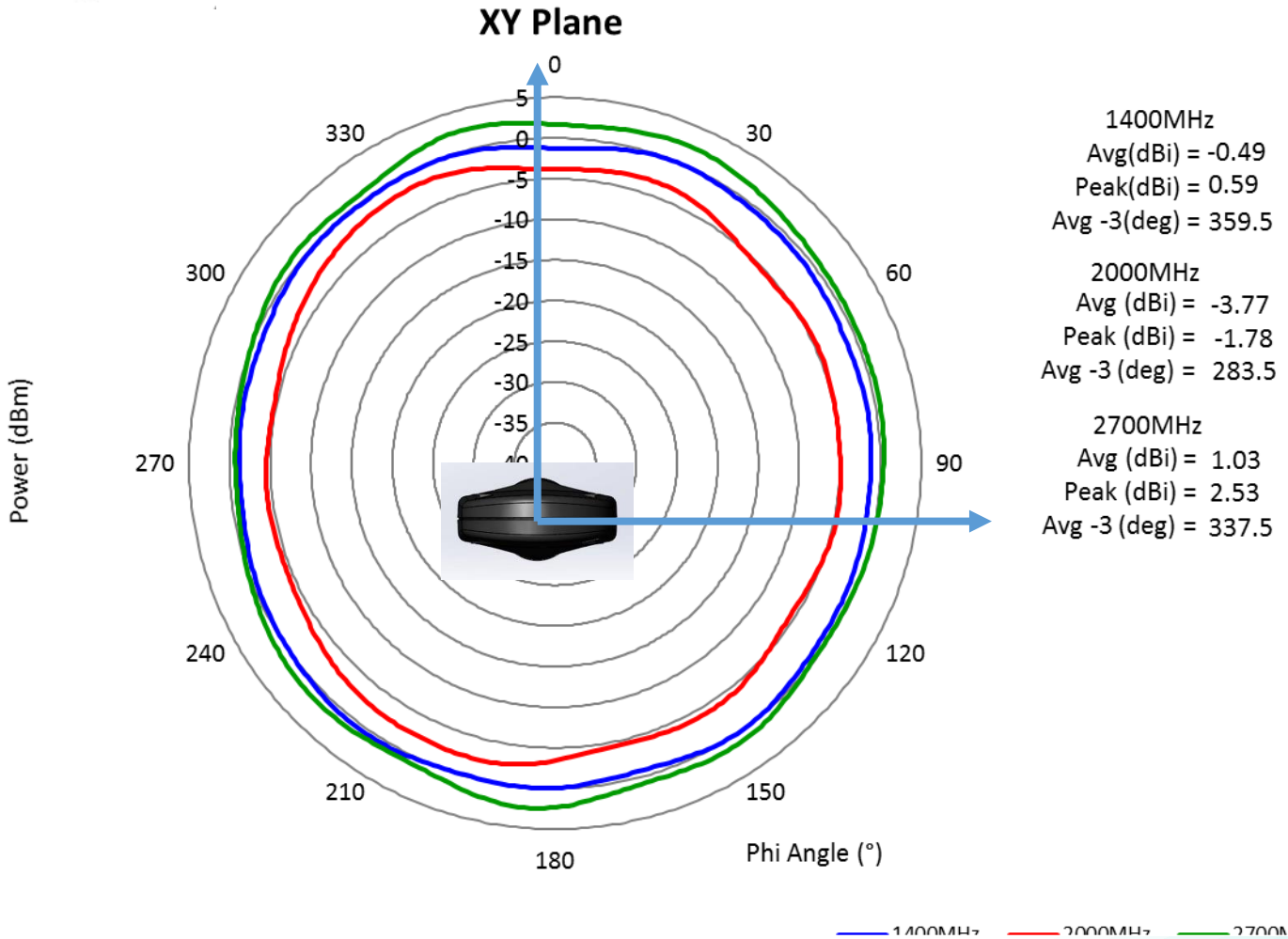
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CHARTS



Gain Plots



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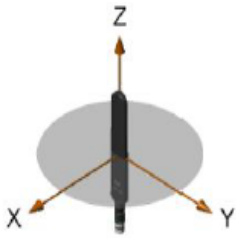
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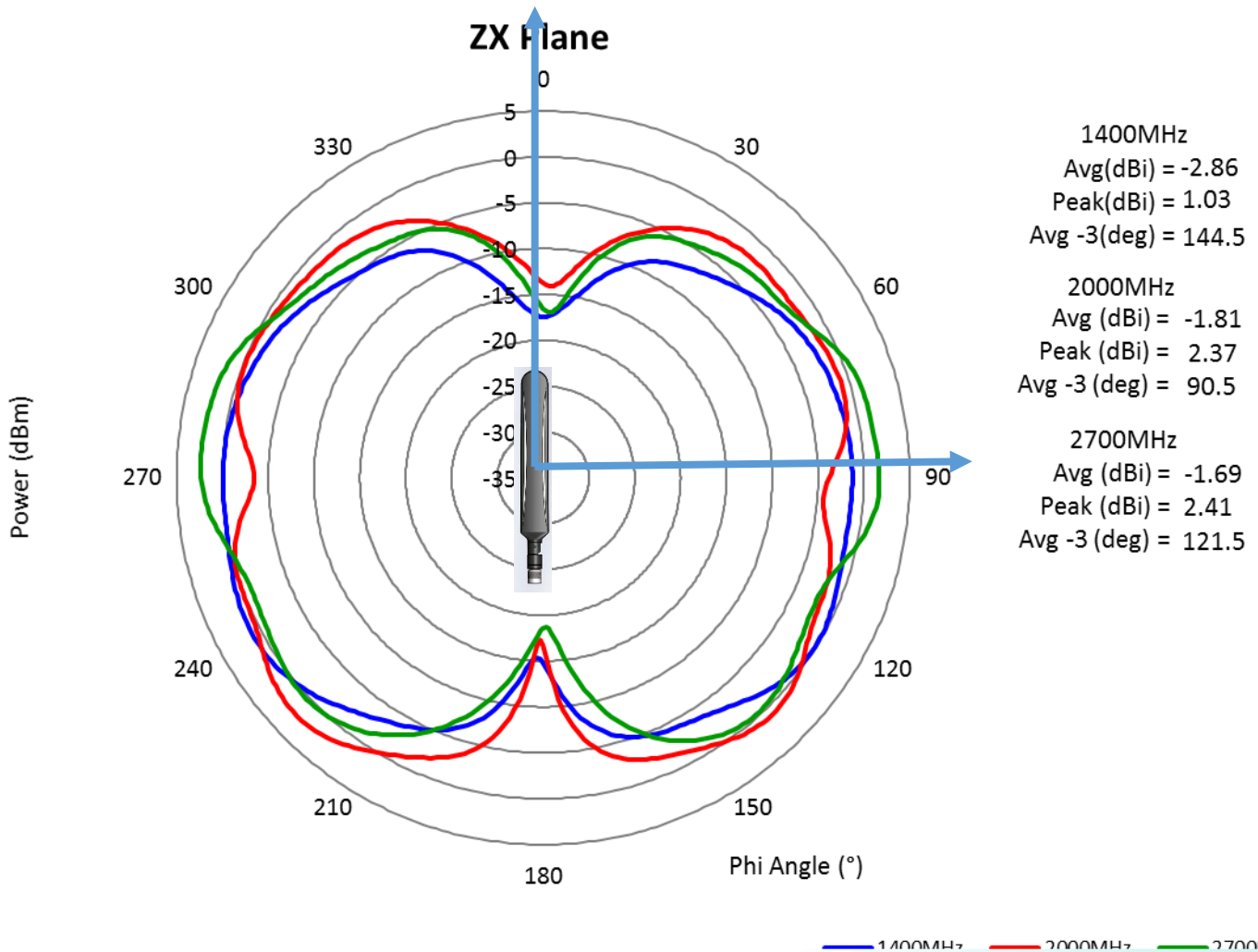
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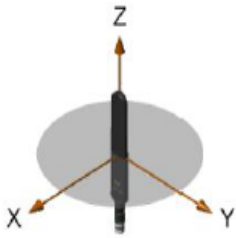
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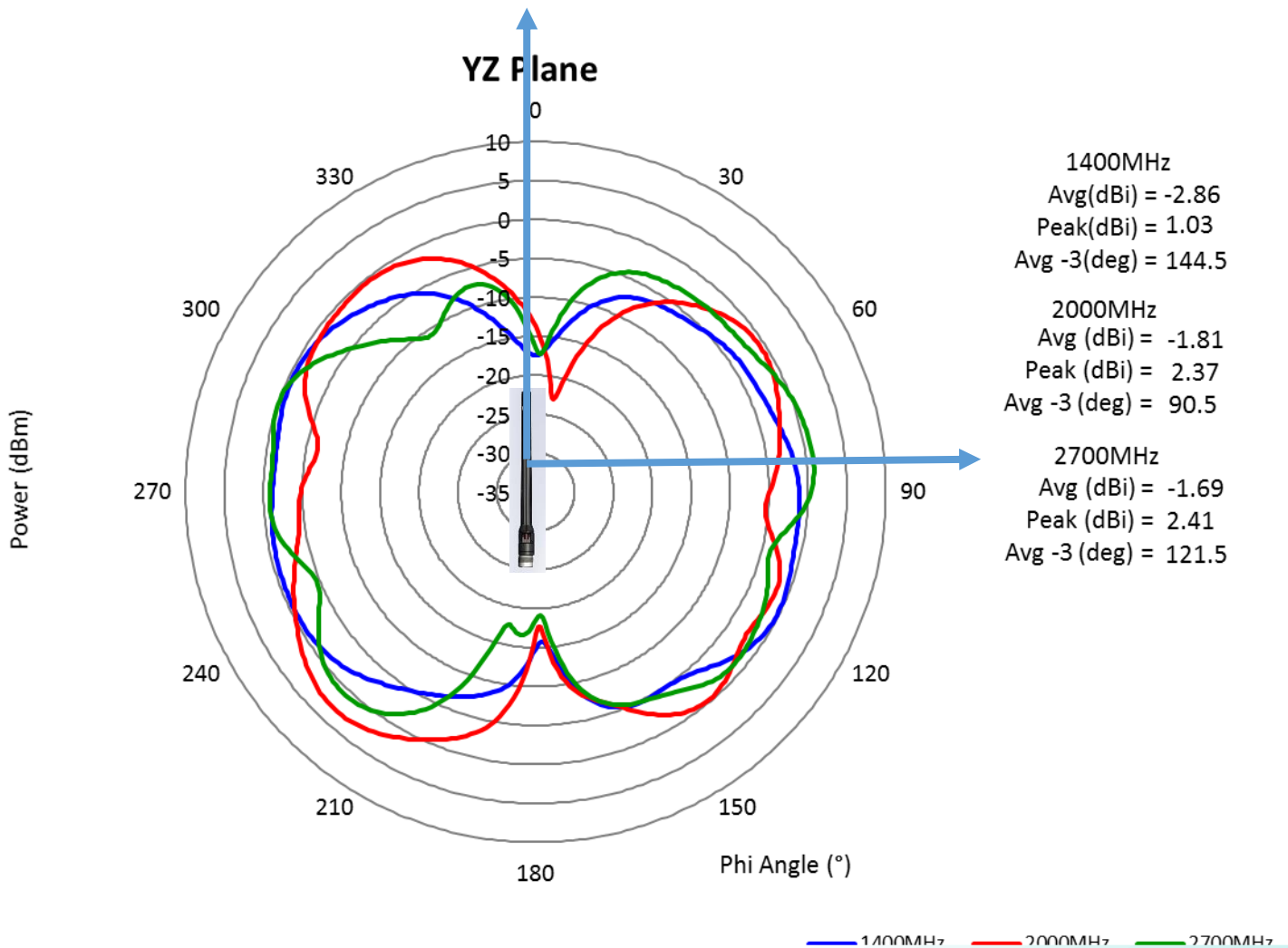
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CHARTS



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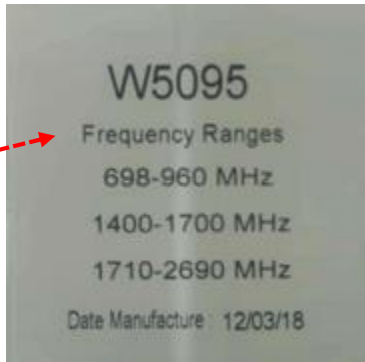
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PACKAGING

1PCS/PE bag
100PCS/Carton box

W5095 Packing



品名:	W5095
班别:	T班
数量:	100 PCS
WO:	1745424
箱号:	2018-11-26-08



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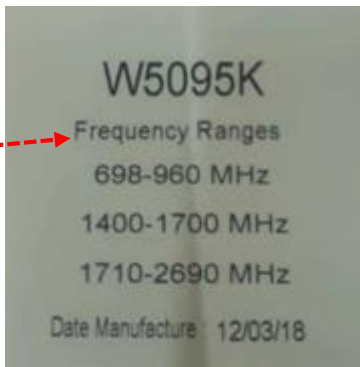
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Series: Blade Antenna

PART NUMBER: W5095X

PACKAGING

W5095K Packing



品名:	W5095K
班别:	T班
数量:	100 PCS
WO:	1745424
箱号:	2018-11-26-07



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