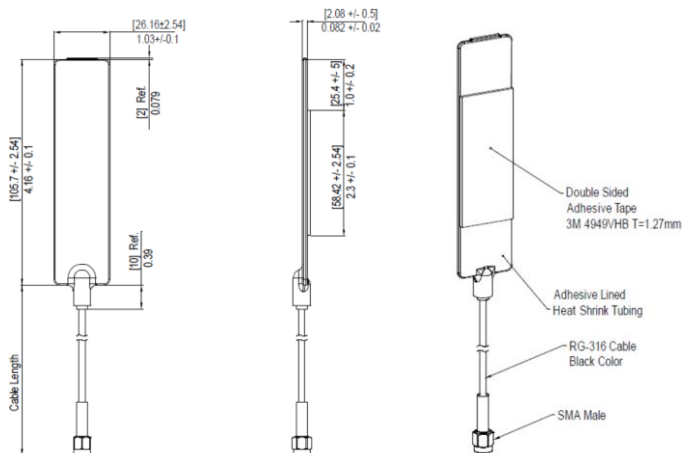


Description: LTE Stealth Blade Antenna

Series: SB Antenna

PART NUMBER: W1991



Features:

- Cost-effective, high-performance solution for LTE 698-2700MHz
- Slim, low- profile without sacrificing mechanical performance
- Multiple cable lengths and connector options
- Adhesive mount
- Flexible board
- IP-67 rating when installed to compliant surface
- RoHS Compliant Product
- Multiple and dual frequency products available

Applications:

- WLAN, LTE and 3G/4G applications
- Public Safety
- IoT - Vending/Smart Metering
- Access Points
- Vehicular (window, dashboard, visor)
- Data transmission

Projects	Connector	Cable Type	Cable Length	Weight
W1991	SMA Male	RG-316 Black	10' / 3048mm	44g
W1991AV			2' / 609.6mm	23g

All dimensions are in mm / inches

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Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road(#29 Bldg,4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Description: LTE Stealth Blade Antenna

Series: SB Antenna

PART NUMBER: W1991

ELECTRICAL SPECIFICATIONS

Antenna Type	Dipole (Measured with 315mm RG-174 Cable, in free space)
Frequency	698-960/1710-2170/2300-2700MHz
Nominal Impedance	50 Ω
VSWR	2.5:1 Max
Peak Gain (698-960)	2 dBi
Peak Gain (1710-2700)	2 dBi
Efficiency (698-960)	50 %
Efficiency (1710-2700)	60 %
HPBW Horizontal Plane	Omni
HPBW Vertical Plane (698-960)	40°
HPBW Vertical Plane (1710-2170)	70°
HPBW Vertical Plane (2300-2700)	55°
Polarization	Vertical
Power withstanding	3 W
Connector type	Refer to table on Page 1
Cable type	Black RG-316
Length	Refer to table on Page 1

Description: LTE Stealth Blade Antenna

Series: SB Antenna

PART NUMBER: W1991

MECHANICAL SPECIFICATIONS

Radome	Adhesive lined polyolefin tubing
Color	Black
Ingress Protection	IP67
Weight	Refer to table on Page 1
Overall Length	4.16 INCHES
Cable retention: Pull off	30 N mini
Fixing system	Adhesive Tape (3M VHB 4949)

ENVIRONMENTAL SPECIFICATIONS

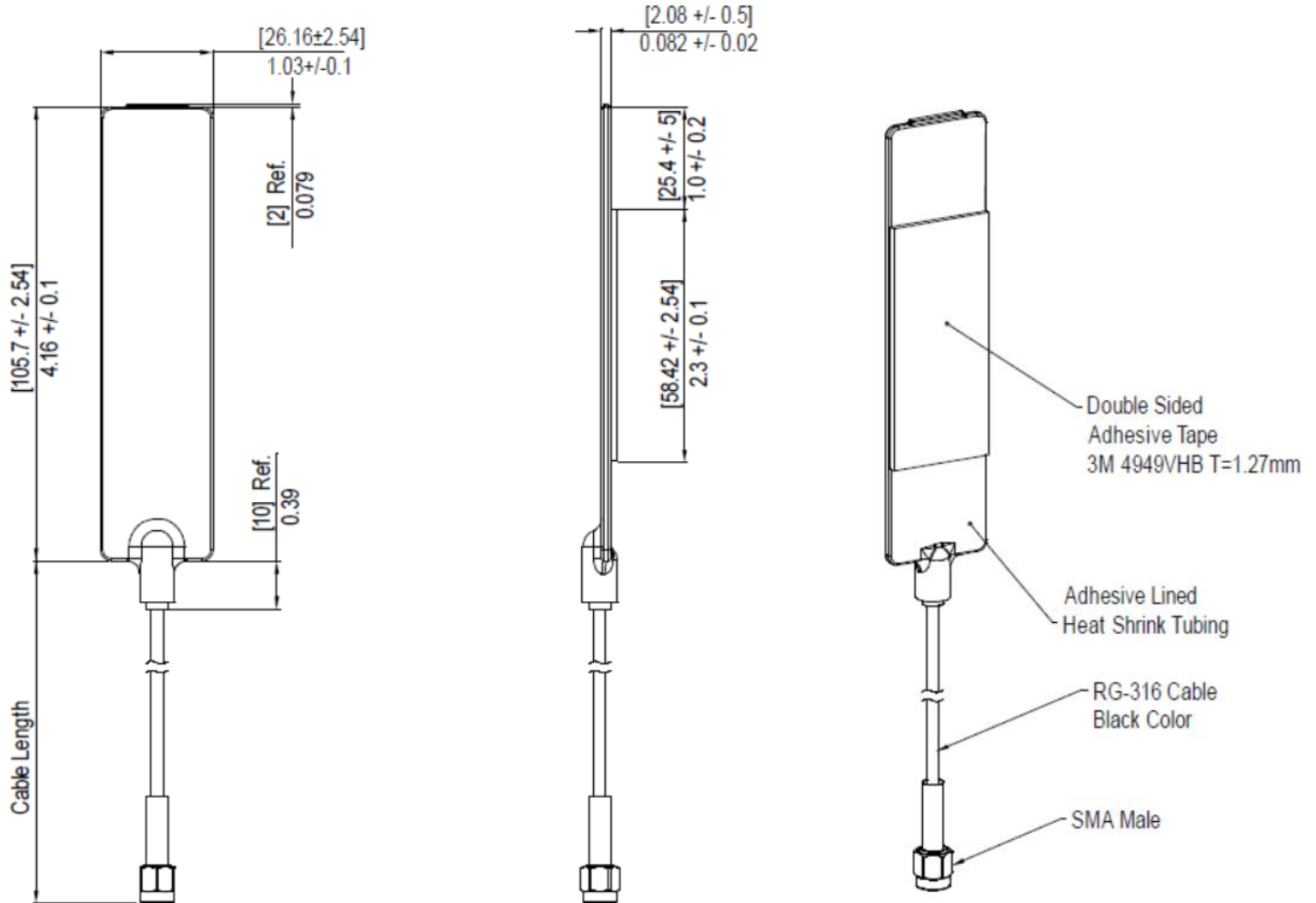
Operating temperature	-40 ~ +85° C
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Description: LTE Stealth Blade Antenna

Series: SB Antenna

PART NUMBER: W1991

MECHANICAL DRAWING



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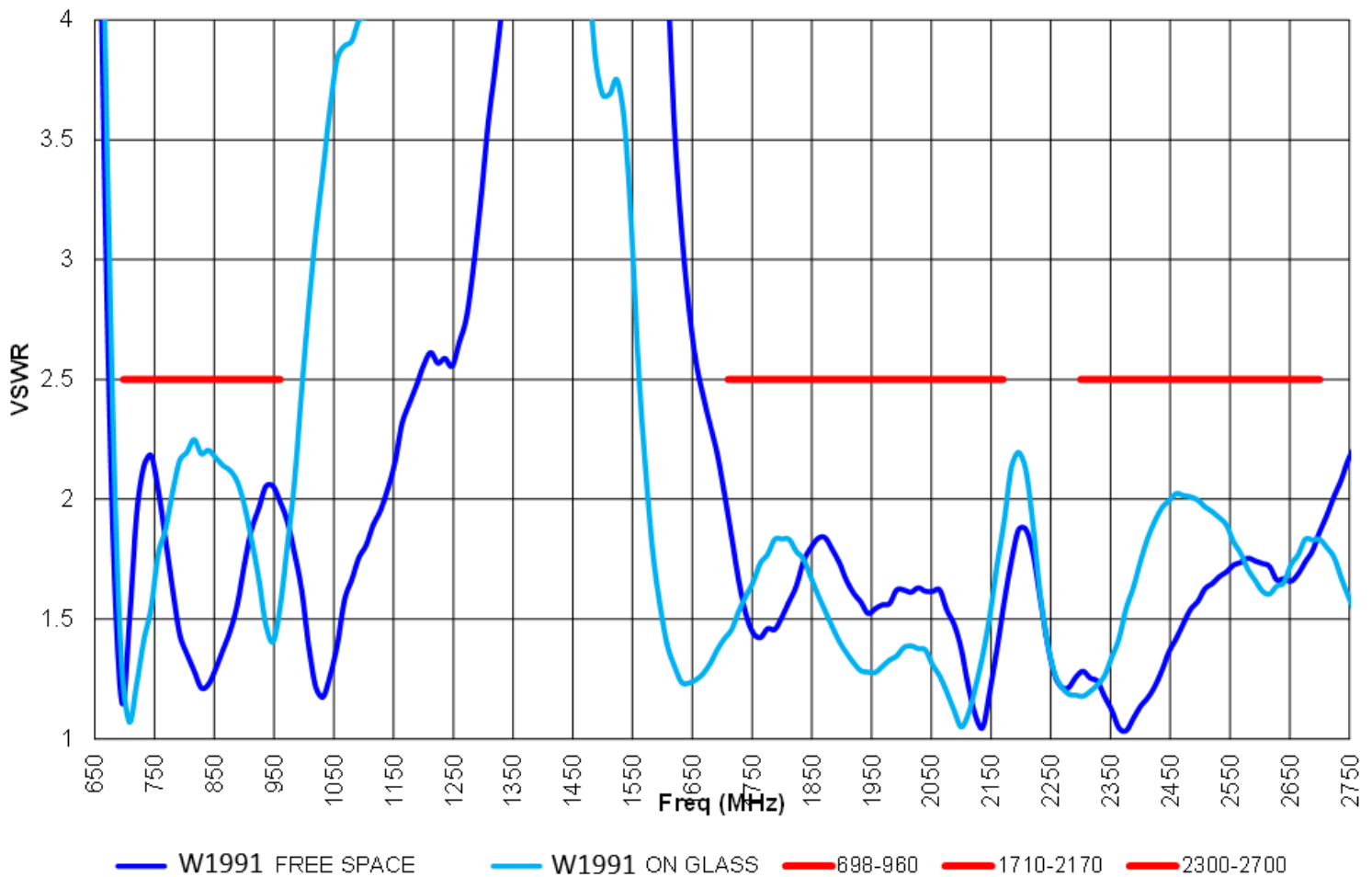
Description: LTE Stealth Blade Antenna

Series: SB Antenna

PART NUMBER: W1991

CHARTS

S11 Parameter Measured with 315mm RG-174 cable



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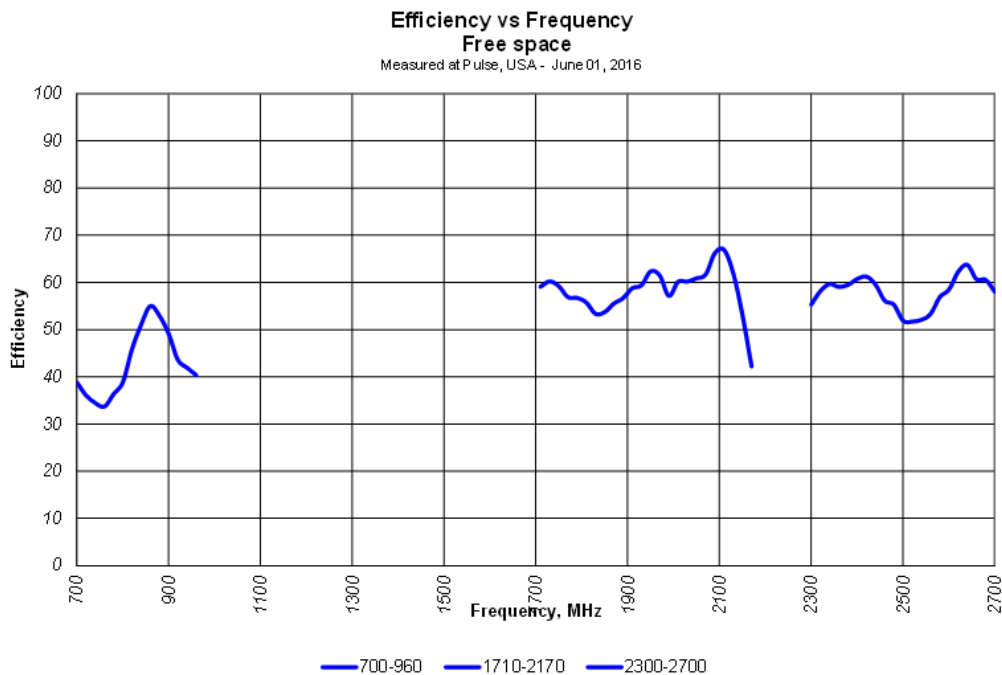
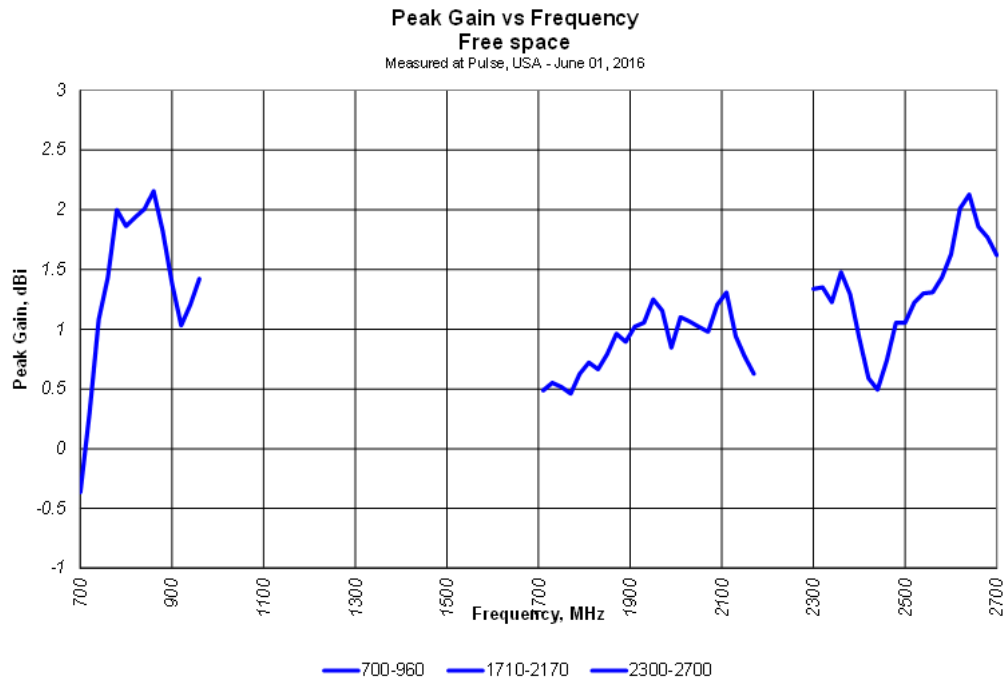
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CHARTS



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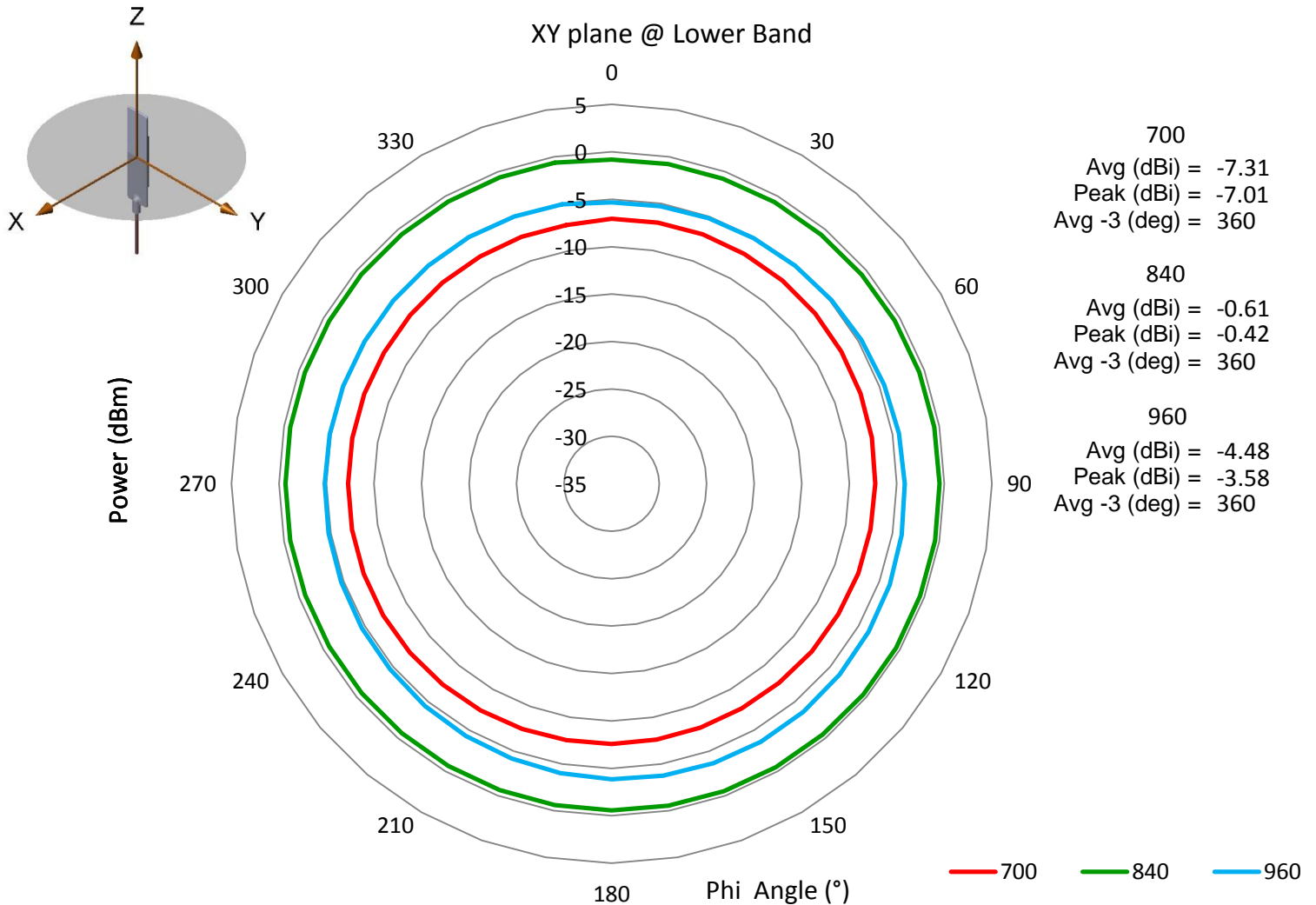
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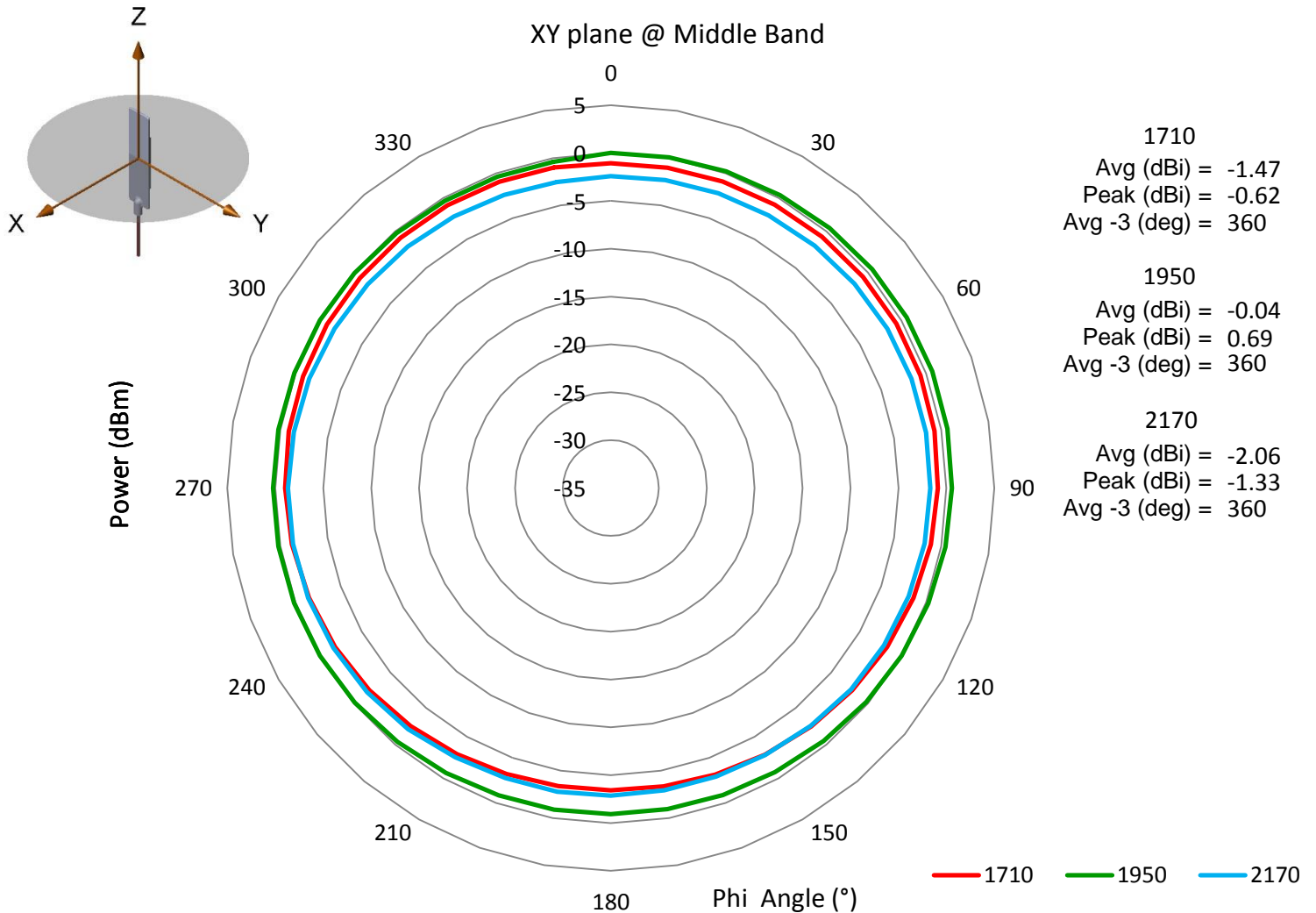
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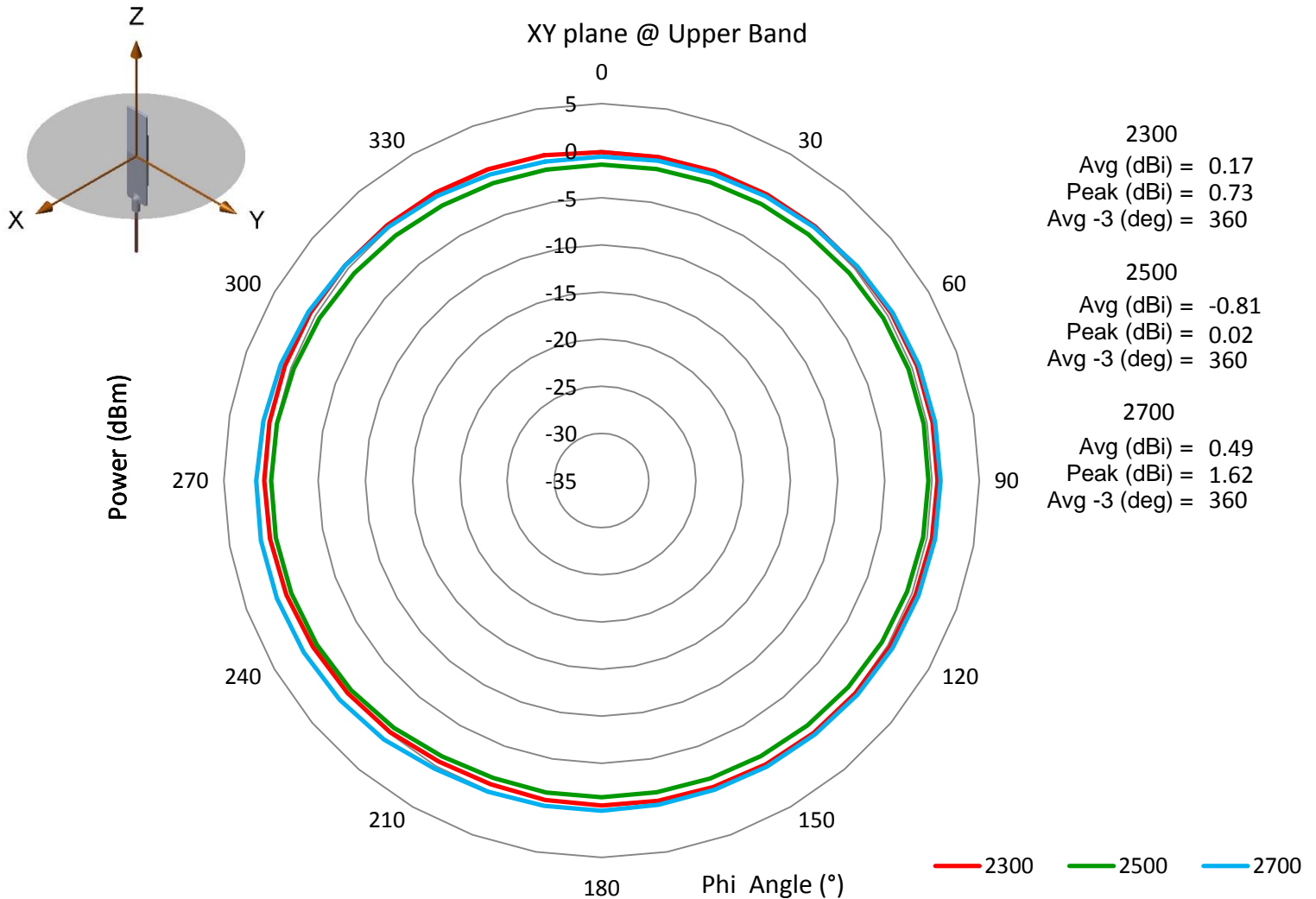
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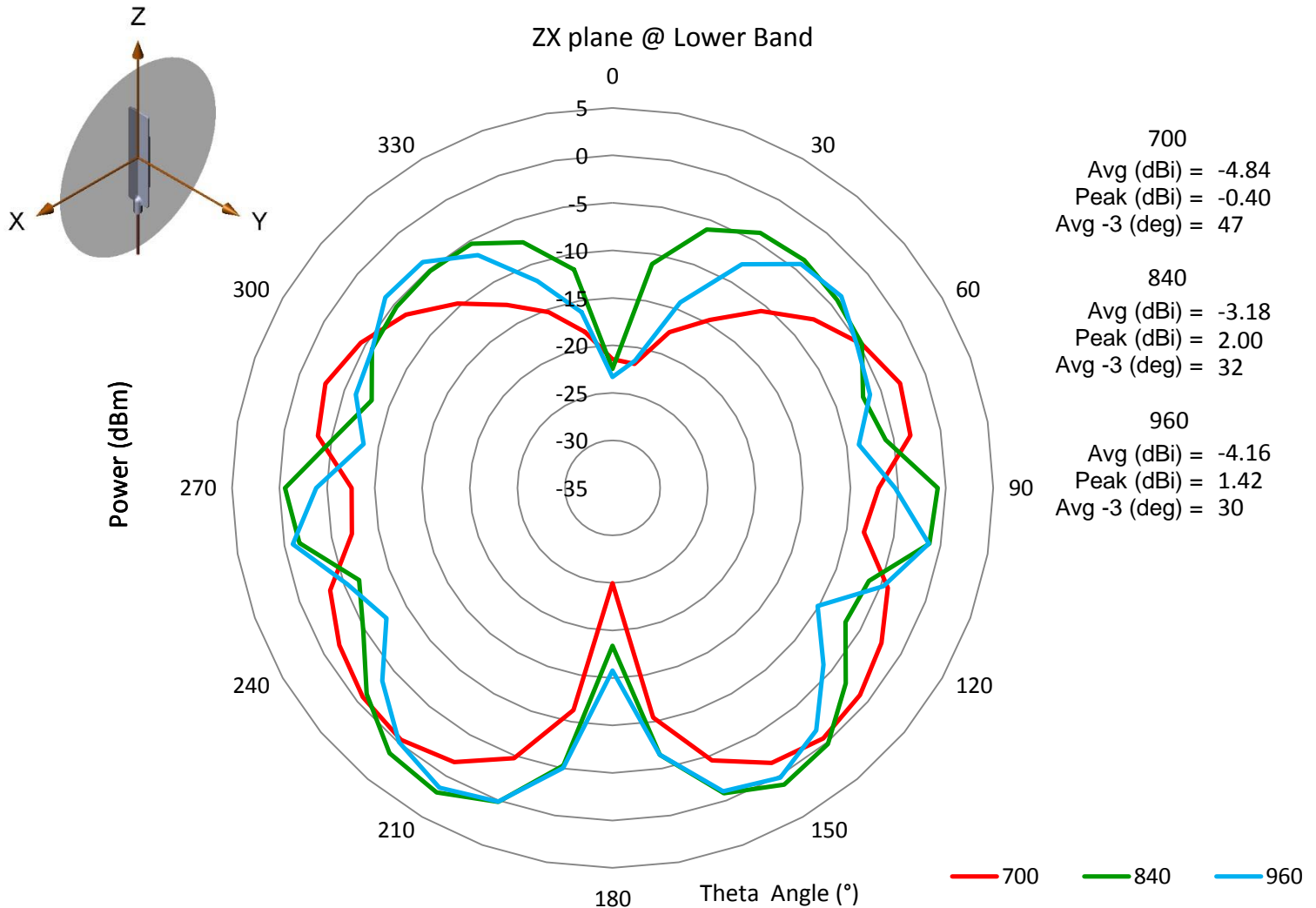
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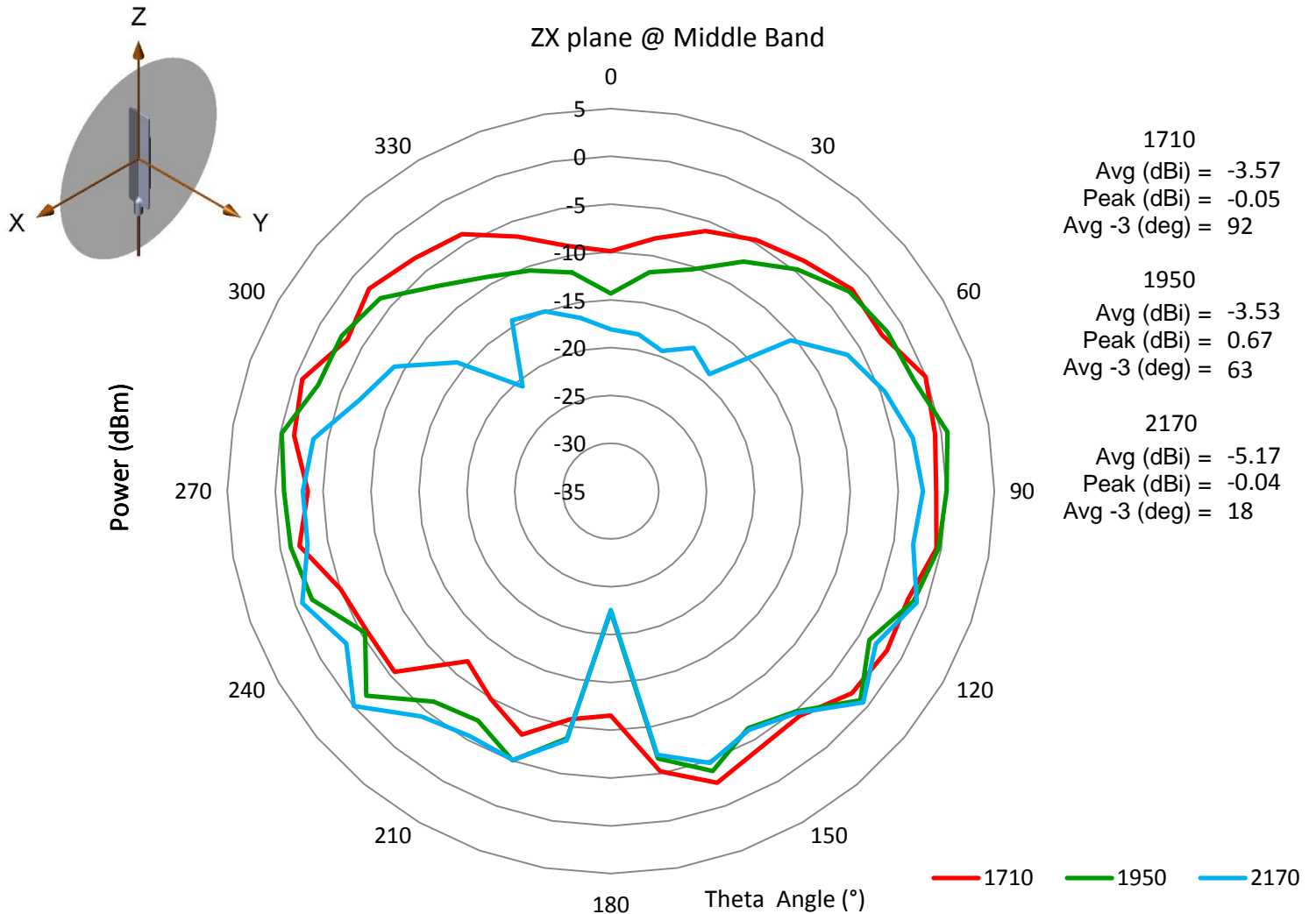
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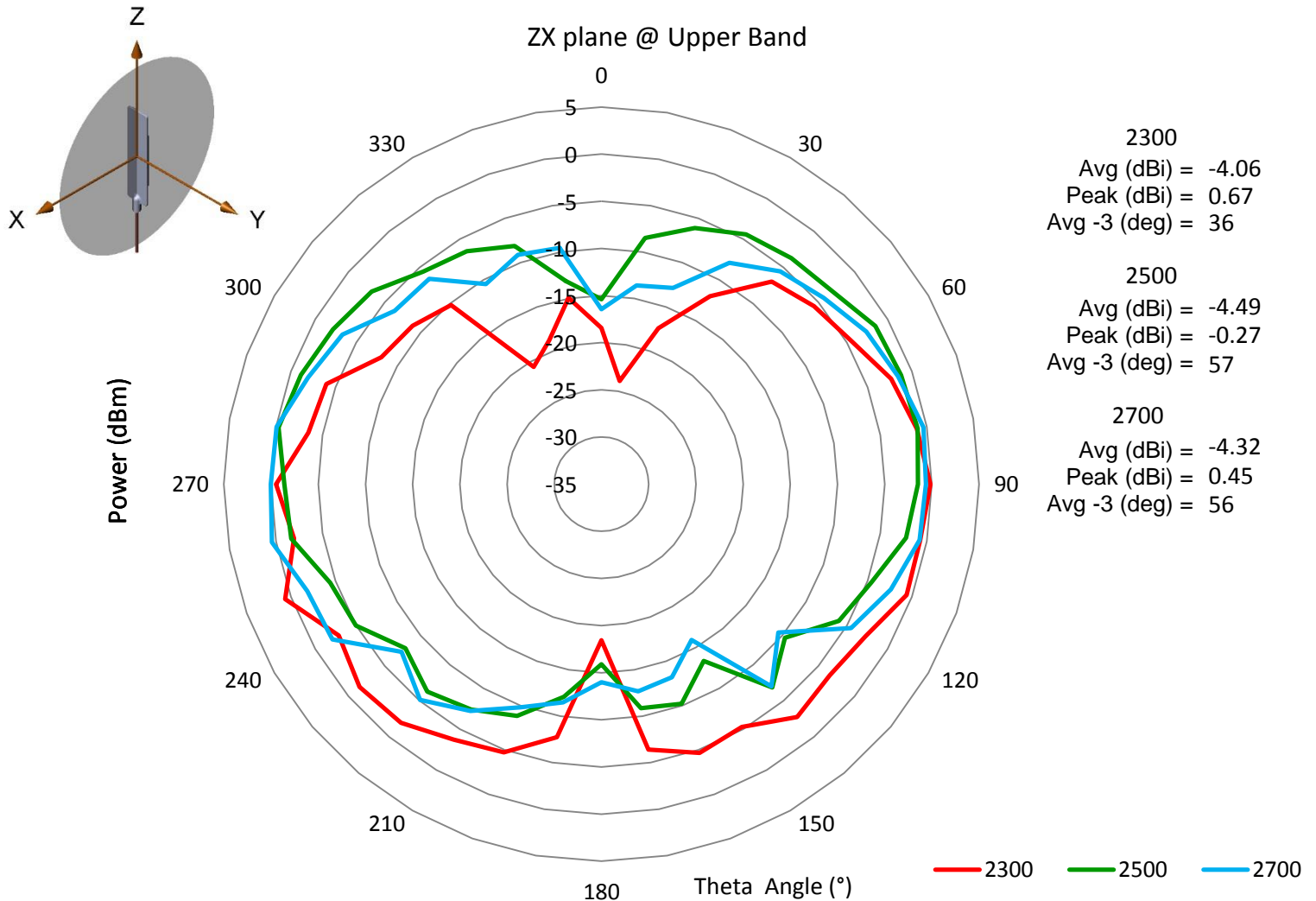
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Description: LTE Stealth Blade Antenna**Series: SB Antenna****PART NUMBER: W1991**

Packaging

1 antennas packed in one plastic bag

1 label on each plastic bag with part number, date code.

200 plastic bags of antennas (total 200pcs) packed in a cardboard box

1 label on each box with qty, part number, date code.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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