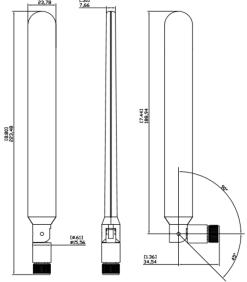




PART NUMBER: ICEBLADELS

Series: ICEBLADE





Features:

- 690-2690MHz
- Gain 1.6/2.5dBi
- 90 degree swivel
- SMA connector
- Translucent visually appealing radome

Applications:

- LTE radios
- Gateways
- Set top boxes
- M-to-M, IoT

All dimensions are in mm / inches

Issue:1747

In the effort to improve our products, we reserve the right to make changes judged to be necessary. CONFIDENTIAL AND PROPRIETARY INFORMATION

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Series: ICEBLADE

PART NUMBER: ICEBLADELS

ELECTRICAL SPECIFICATIONS

Frequency	698-960/1710-2690	MHz
Nominal Impedance	50	Ω
VSWR	2.5 :1	
Average Efficiency(698-960MHz)	37	%
Average Efficiency(1710-2690MHz)	60	%
Peak Gain (698-960MHz)	1.6	dBi +/- 1 dB
Peak Gain(1710-2690MHz)	2.5	dBi +/- 1 dB
Polarization:	linear	
Power withstanding	3	W
Connector type	SMA	



TECHNICAL DATA SHEET

Description: LTE698-960/1710-2690MHzSMA

Series: ICEBLADE

PART NUMBER: ICEBLADELS

|--|

Plastic radome PC945A

Color Clarity

Flammability(Radome) UL94 V-0

Weight 45.4g

Positions 0°, 45° & 90°

Overall length 8.8 INCHES

Fixing system ° ± 2 °

Azimuth adjustment ° ± 4°

Elevation adjustment ° ± 4°

ENVIRONMENTAL SPECIFICATIONS

Operating temperature -30/+70° C

Temperature

Stationary -40/+85° C

Cyclic Rate 5°C/min, 16 hours

Humidity

Stationary 95%@ 25° C

Cyclic 12 hours

Salt mist 96 hours





Series: ICEBLADE

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MECHANICAL DRAWING TITEM Col Hg PE POSES PBB PBDE DTHERS to WIHS7.5.33 (Reliability Test Working Instruction) Default Description PPM=< 100 1000 1000 1000 1000 1000 forking Instruction, between est standard is Test Standard A if A release NOTES: UNLESS OTHERWISE SPECIFIED INTERPRET THIS SPECIFICATION PER PULSE PQ: 7.004.000 AND STANDARDS REFERENCED THEREIN. ELECTRICAL SPECIFICATIONS: 1. FREQ: MULTI BAND - 698-960/1710-2690 MHz 2. VSWR: MULTI BAND - 2.5:1 MAX 3. GAIN: O MIN-2 MAX dBi 4. POWER WITHSTANDING: 3W ENVIRONMENTAL: 1. OPERATING TEMP: 40/+70 C 2. VIBRATION: 5-500 Hz FREQ, MIL STD 810 G section 514.6 3. THERMAL SHOCK: 3 CYCLES MIL-STD 810G Method 503.4 4. HUMDITY: 430 © 93% RH MIL-STD 810G Method 507.4 5. DROP TEST: 1 METER, I DROP, 1 PERAVIS. [1.36] 34,54 1 043-5091.001 2 0020.0015 1 155-2250.001 W5090 Rubber White PIVOT PIN ICEBladeLS SMA Cable Sub Assy 1 043-3757.001 1 025-8121.001 ICE Blade Base ICE Blade LS FPC PULSE (SUZHDU) VIRELESS PRODUCTS COLLTD. 1 043-3756.001 1 043-3755.001 GENERAL TOLERANCE CUSTOMER NUMBER ICE Blade Radome Swivel DESIGN ITEM QTY. PART NUMBER DESCRIPTION Confidential CHECKET This is a proprietary information of Pulse REDUCT(S) ICEBLADELS 10 20160719

bermission.

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ICEBLADELS

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ICEBLADELS





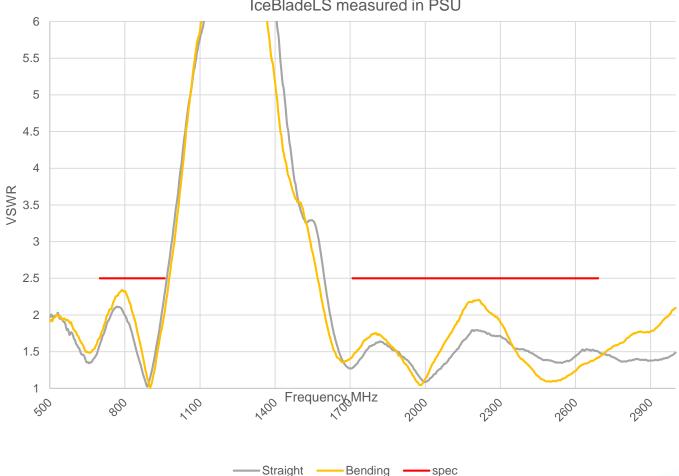
Series: ICEBLADE

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OTHER SPECIFICATIONS

VSWR

VSWR vs Frequency measured in free space IceBladeLS measured in PSU





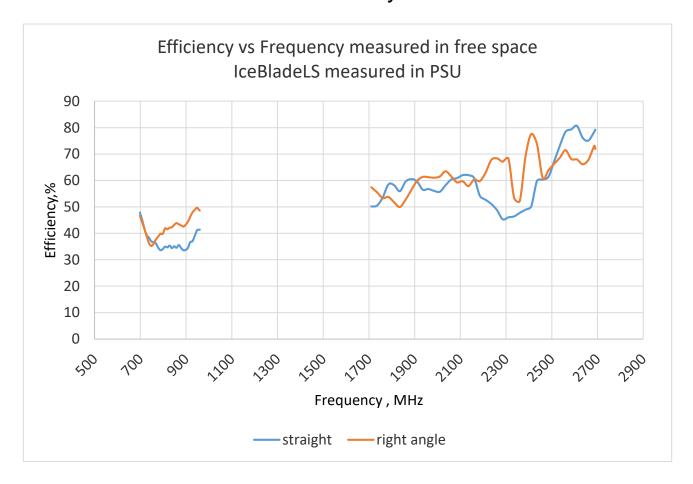


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CHARTS

Efficiency





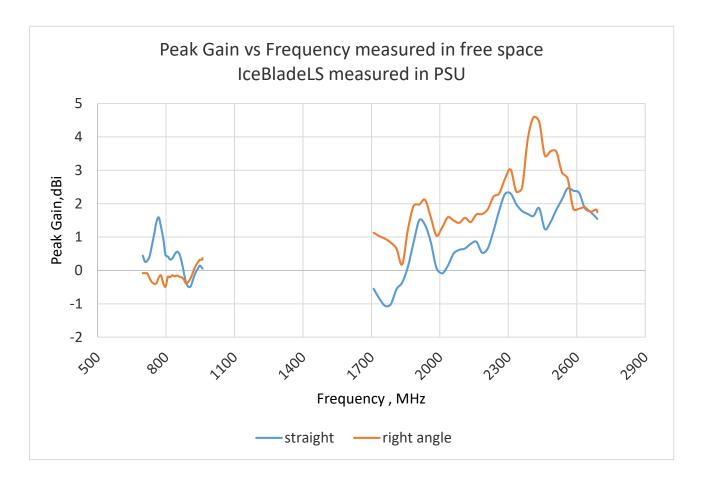


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CHARTS

Peak Gain

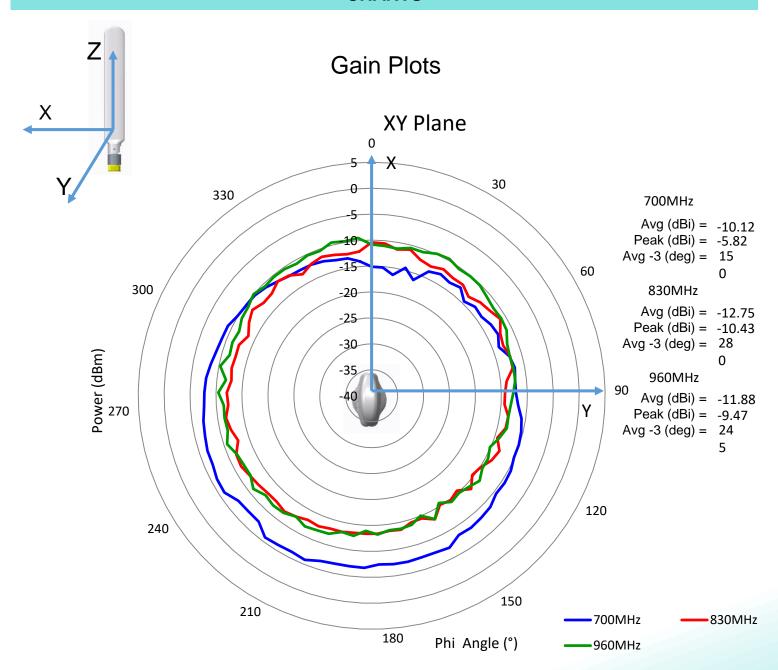






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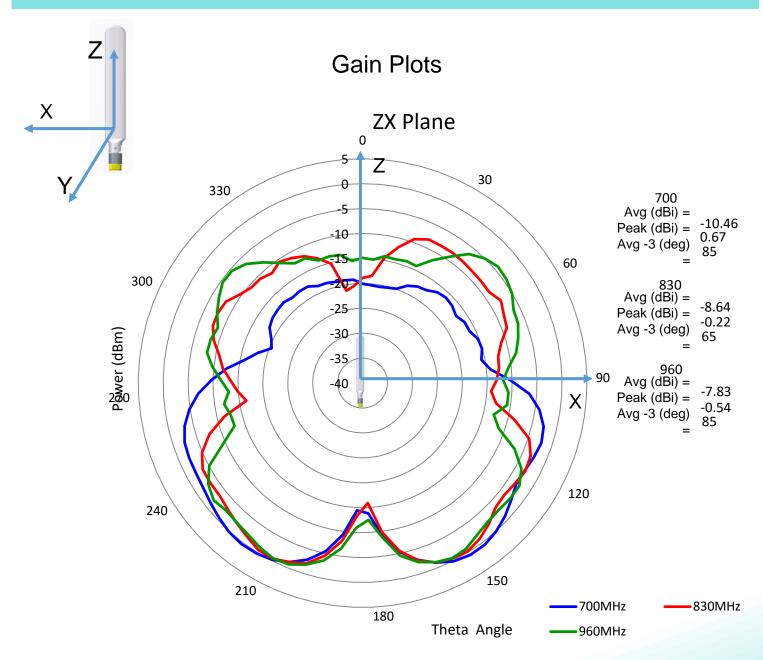






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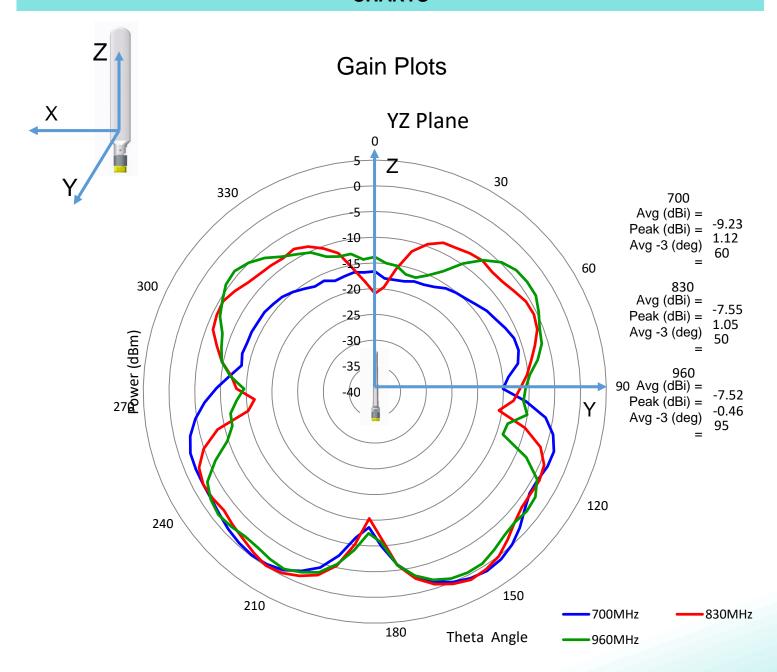






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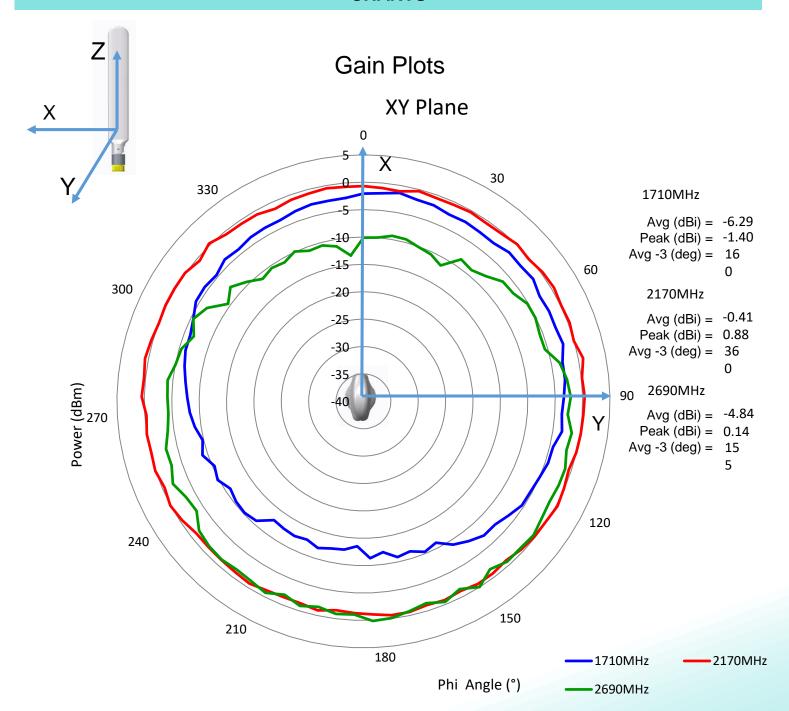






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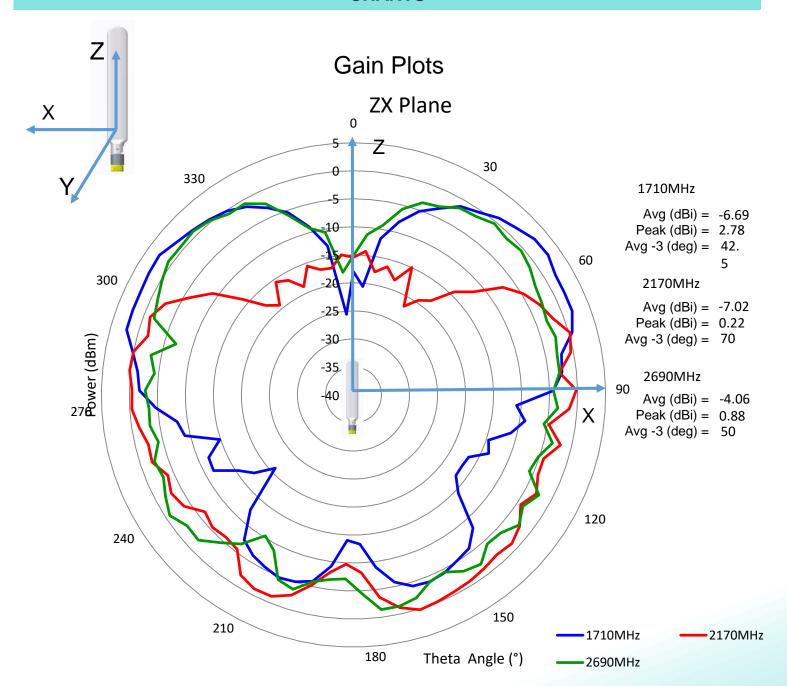






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CHARTS Gain Plots YZ Plane 30 330 1710MHz Avg (dBi) = -6.22Peak (dBi) = 2.40 Avg - 3 (deg) = 4560 300 2170MHz Avg (dBi) = -7.00-25 Peak (dBi) = 1.19 -30 Power (dBm) Avg - 3 (deg) = 50-35 2690MHz 40 Avg (dBi) = -5.15270 Peak (dBi) = 1.24 Avg - 3 (deg) = 30120 240 150 210 180 1710MHz 2170MHz Theta Angle (°) 2690MHz



TECHNICAL DATA SHEET

Description: LTE698-960/1710-2690MHzSMA

Series: ICEBLADE

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PACKAGING

Pack each antenna into PE bag, 100 antenna in one box



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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