




# FPC Antenna W3495

Frequency: 2400-2500MHz/5150-5858MHz



## Features & Applications:

-  2.4-2.5GHz/5.15-5.85GHz
-  Stable radiation pattern over operating band enables superior performance in impulse radio
-  Ultra-small Antenna size 29.5 x 18mm



### electrical specifications @ 25° C

#### Frequency Bands 2400-2500MHz/5150-5850MHz

Antenna type	Nominal Impedance	Polarization	Radiation pattern	Power withstanding	DC Ground
Dipole	50Ω	Vertical	Omni	3W	No

Frequency (MHz)	2400-2500	5150-5850
Return Loss(dB)	<-5.5	<-3.5
Peak Gain (dBi)	1-2.5	1-3
Average Efficiency (%)	42	40

### Mechanical / Environmental Specifications

#### Pulse P/N W3495

Dimension (Length x Width x Height)	Color	Weight	Connector type	Cable type	Cable length	Fixing system
29.5 x 18 x 0.12mm	Black	0.16g	20278-112R-13	1.13mm	122mm	Adhesive tape 3M467

Material	Operating Temperature	Storage Temperature	RoHS-6 Compliant
FPC	-40°C to 85°C	-40°C to 85°C	Yes

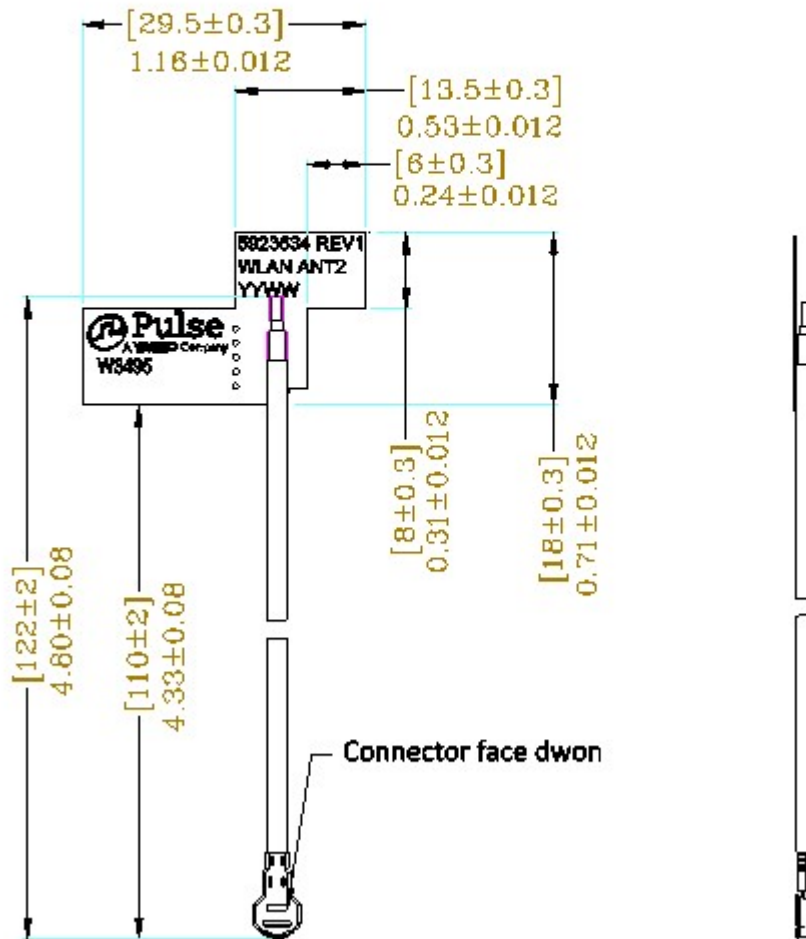
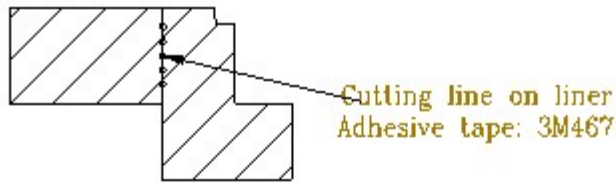
Note: Tested inside the GE HealthCare CARESCAPE ONE V2

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Frequency: 2400-2500MHz/5150-5858MHz

## Drawing

W3495



**Dimensions:** [mm] inches

Unless otherwise specified, all tolerances are ±.010 (0.25mm)

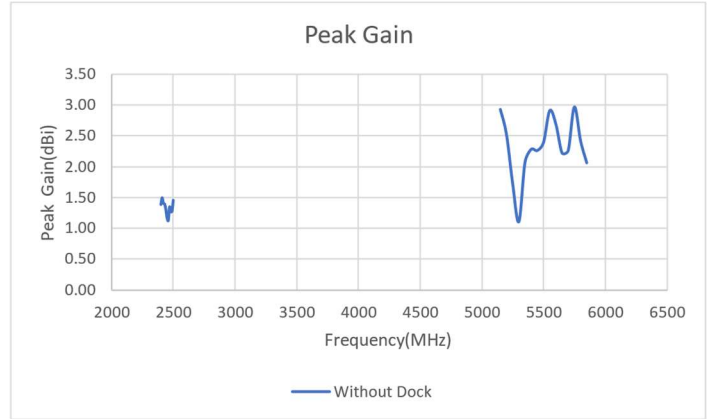
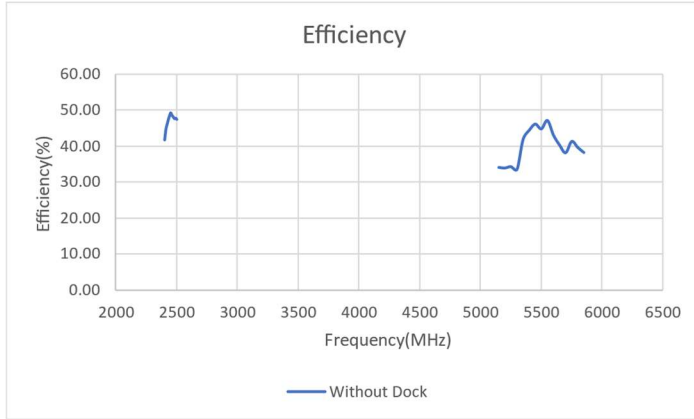
Return Loss

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Peak Gain & Efficiency

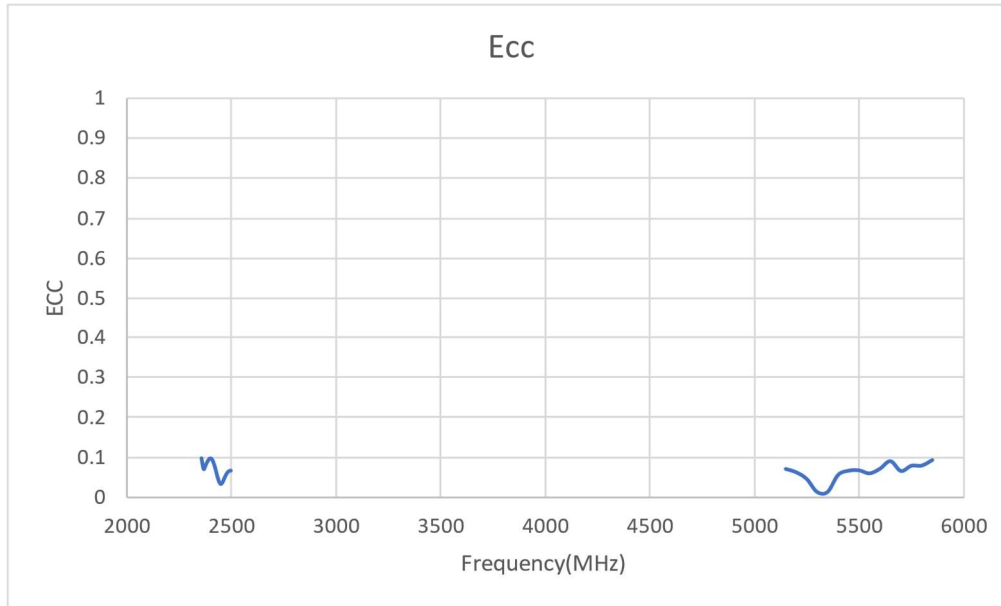
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Frequency	Peak Gain(dBi)	Efficiency(%)
2400	1.38	41.74
2410	1.49	44.62
2420	1.40	46.07
2430	1.39	47.36
2440	1.30	48.46
2450	1.16	49.29
2460	1.12	48.61
2470	1.34	48.19
2480	1.26	47.68
2490	1.27	47.81
2500	1.45	47.48
5150	2.93	34.07
5200	2.52	33.90
5250	1.72	34.29
5300	1.10	33.54
5350	2.07	41.91
5400	2.28	44.43
5450	2.26	46.16
5500	2.39	44.80
5550	2.91	47.16
5600	2.69	43.04
5650	2.22	40.29
5700	2.26	38.14
5750	2.97	41.32
5800	2.42	39.63
5850	2.06	38.21

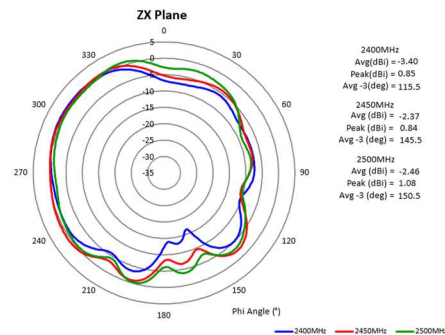
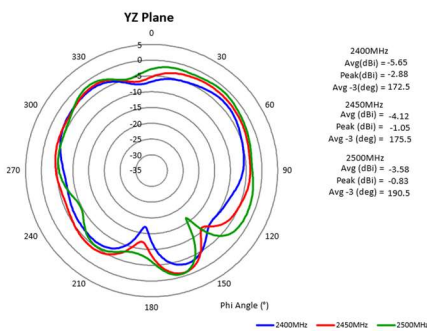
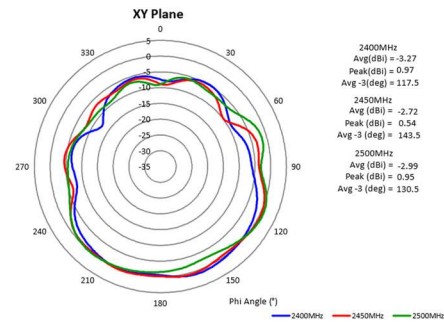
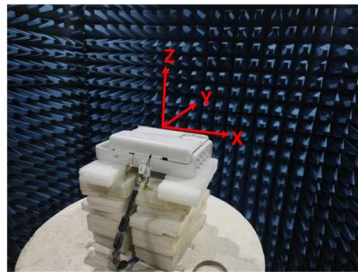
ECC with W3496 in GE device

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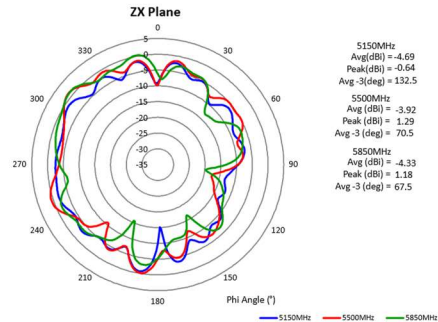
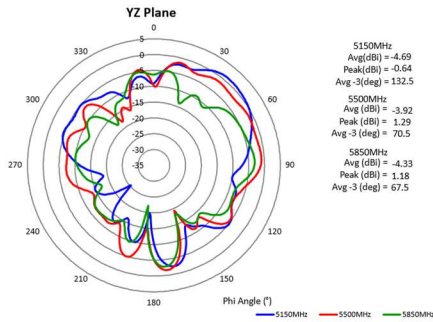
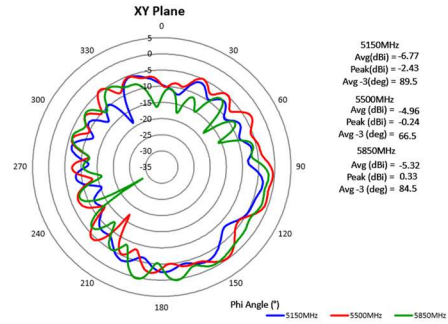
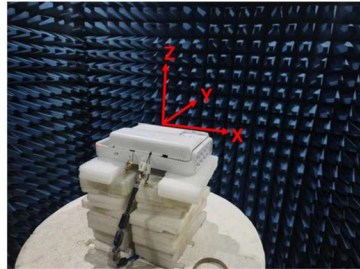
Radiation Pattern

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Radiation Pattern

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# FPC Antenna W3495

Frequency: 2400-2500MHz/5150-5858MHz



## Packaging

W3495

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10PCS/PE bag

120 PE bag/ carton box

### For More Information:

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