

Regulatory Bluetooth Antenna Information

(English Language Required for Intel Regulatory Review / Approval)

(OEM/ODM or antenna vendor is required to complete this document with platform antenna information.
Remove Intel references and make this your own document)

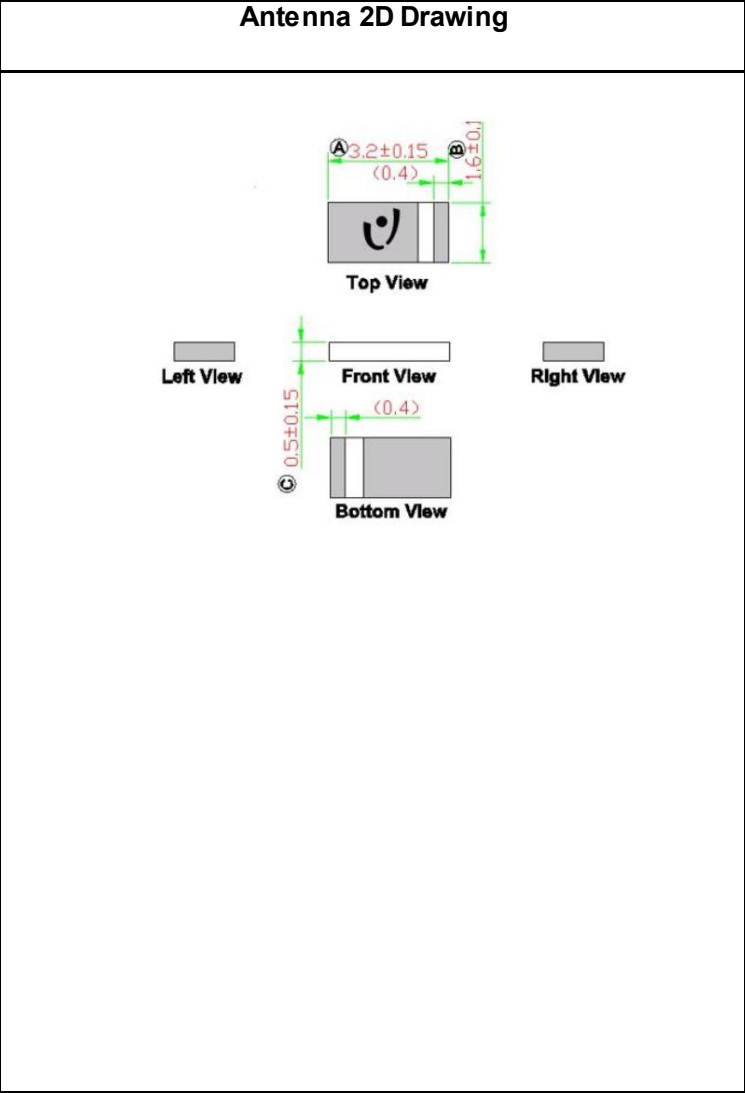
Specification

PART NAME:	R5 Cradle Bluetooth Antenna
DEVE NUMBER:	
WISTRON P/N:	025.902BA.0001
WBASE P/N:	
Ant. type(chip):	BT Ant.
DATE:	
DATASHEET REVISION:	00
MANUFATURE:	Unitron

Summary table

Check Item	Information	Page
Brand name	Wistron	1
Model name(Part number)	025.902BA.0001	1
manufacturer	Wistron	1
Test data	Included frequency, antenna gain, type	4~6
Antenna pattern	Included antenna pattern	3

Antenna Photograph



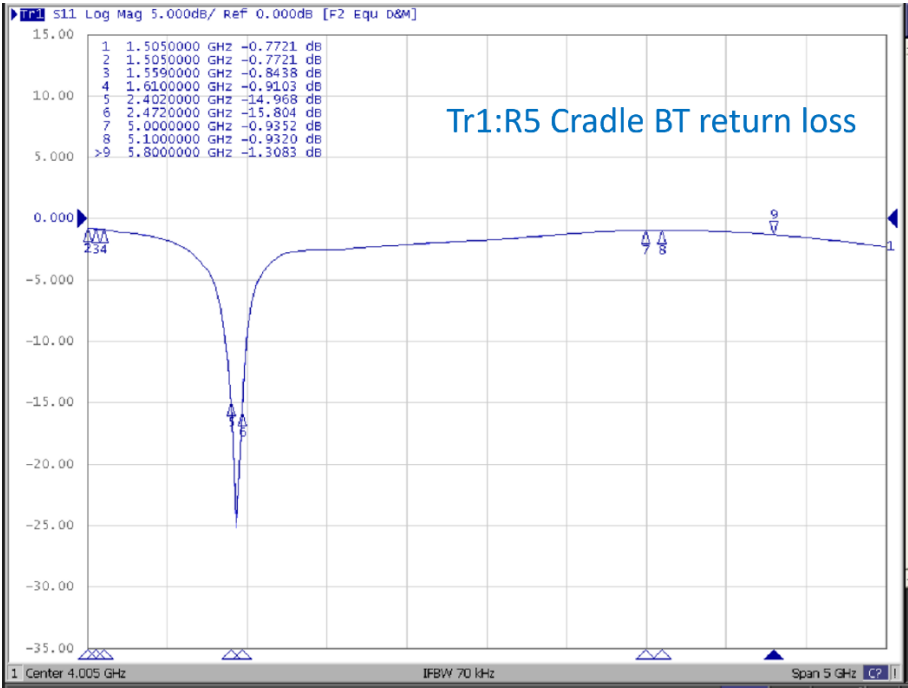
Antenna Performance

BT Ant. (TRX antenna)

◆ Description

Frequency Range	2400~2500MHz
Impedance	50Ω
Return loss	As shown below S11
Peak Gain	3.05dBi @ 2425MHz
Admitted Power	N/A
Cable	N/A
Antenna Type	Chip
Connector	N/A
Process	N/A

◆ Antenna Return Loss



◆ Antenna Efficiency

Bluetooth SKU Ant.0 performance		
Ant.0	Avg. Gain	Peak Gain
2400	-3.12	2.80
2405	-3.00	2.92
2410	-2.90	2.94
2415	-2.89	2.94
2420	-2.88	3.02
2425	-2.82	3.05
2430	-2.79	3.00
2435	-2.81	2.99
2440	-2.82	3.00
2445	-2.83	2.95
2450	-2.89	2.86
2455	-3.00	2.78
2460	-3.10	2.65
2465	-3.16	2.53
2470	-3.24	2.47
2475	-3.39	2.32
2480	-3.53	2.11
2485	-3.64	1.94
2490	-3.80	1.77
2495	-3.96	1.60
2500	-4.14	1.42

◆ Antenna 3D Radiation Pattern

