

Tron (DHSK-PC1)

DVT Antenna Test Report

2022-03-01

Smarter Solutions for a Smarter Future



Antenna Performance Summary

– VSWR

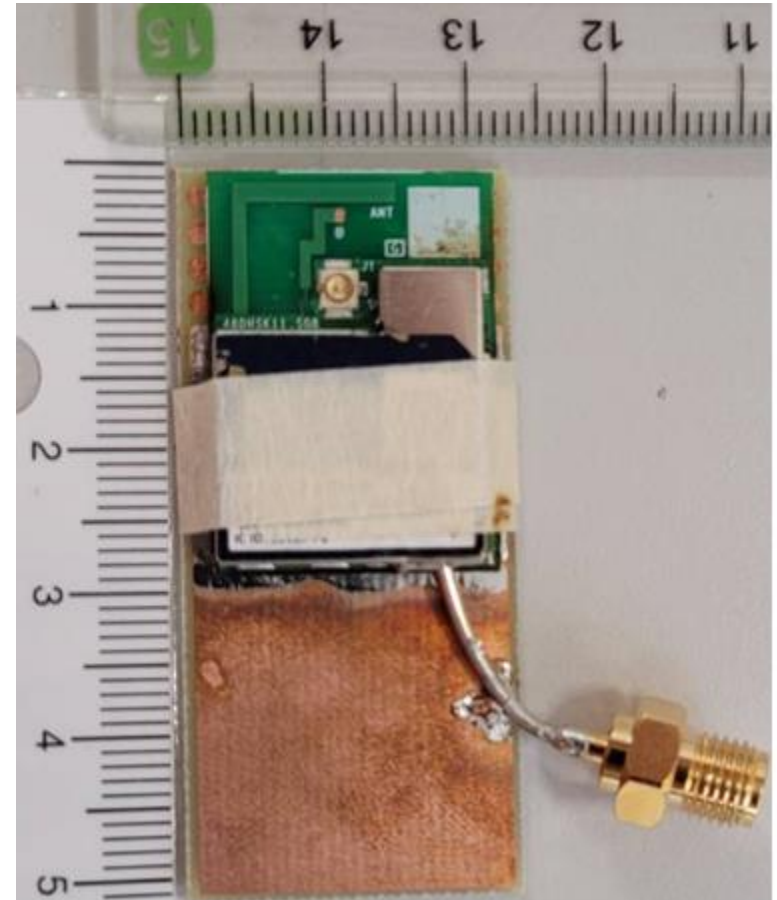
- < 2.0 at 2.4GHz
- < 2.7 at 5GHz

– Average Radiation efficiency

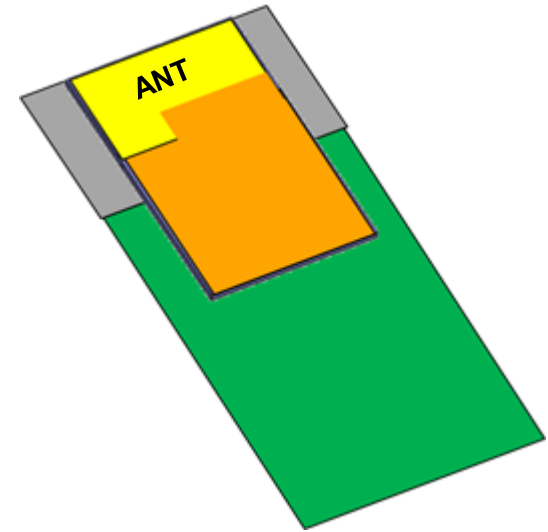
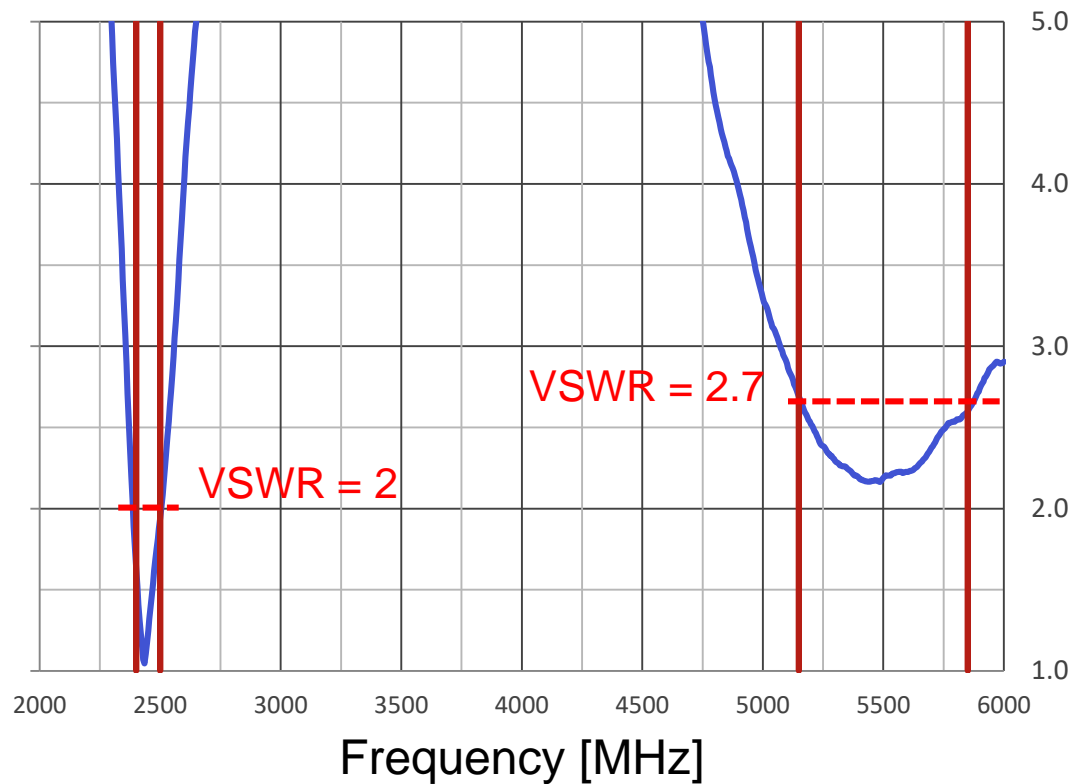
- 54%~58% at 2.4GHz
- 56%~61% at 5GHz

• Peak gain

- < 2.5 dBi at 2.4GHz
- < 1.7 dBi at 5GHz



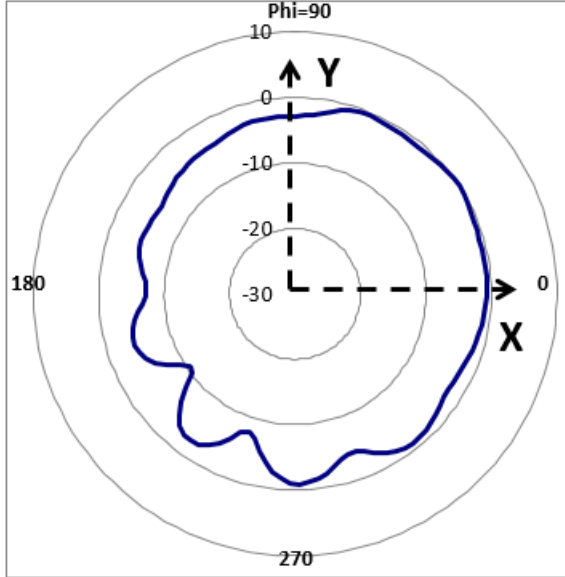
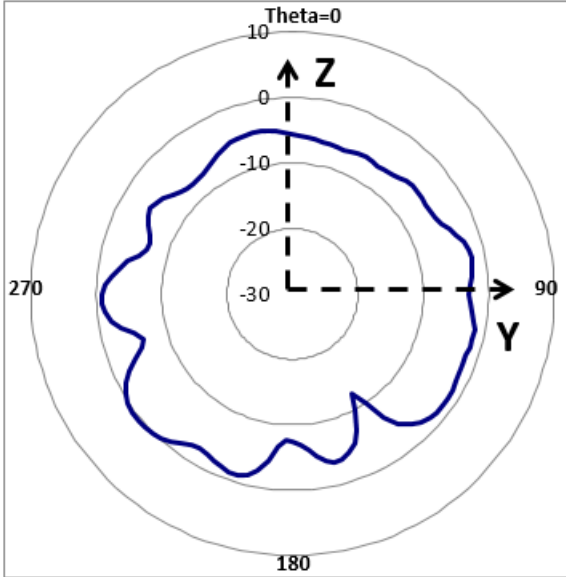
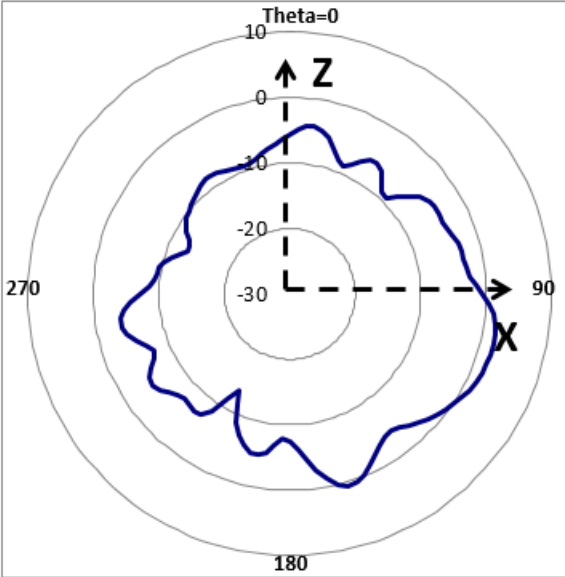
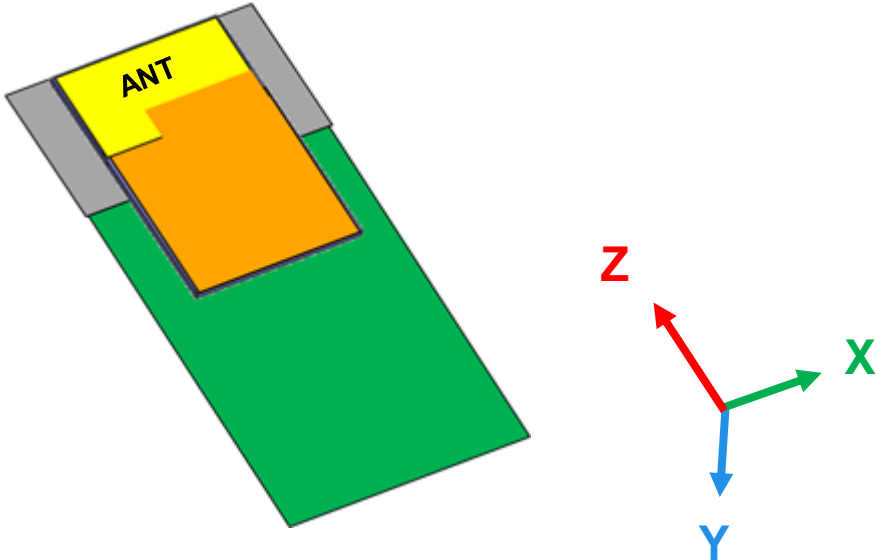
VSWR & Efficiency



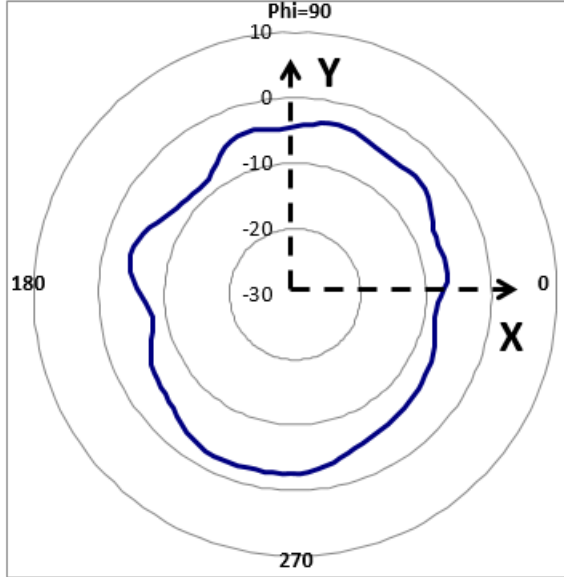
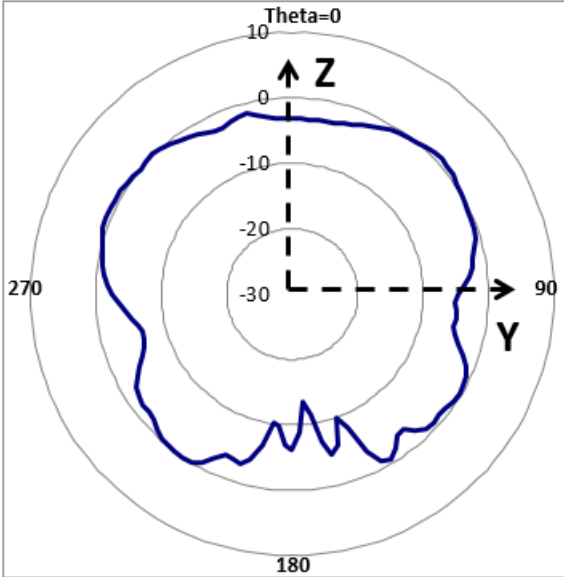
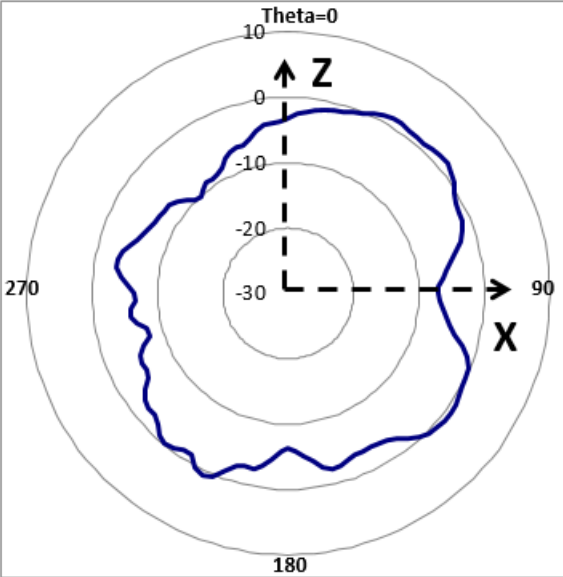
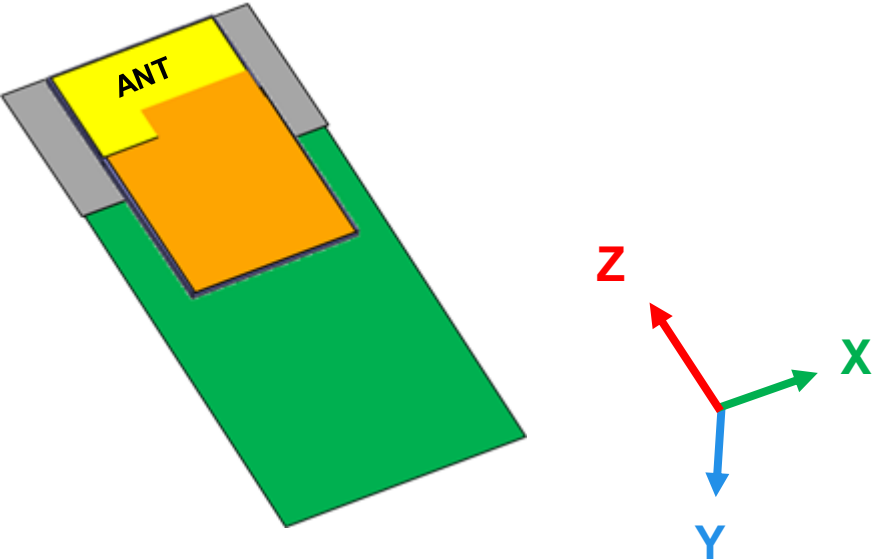
Freq. (MHz)	2400	2450	2500	5150	5350	5550	5750	5850
Efficiency	55 %	58%	54%	61 %	60 %	60 %	57 %	56 %
Peak gain (dBi)	2.18	2.41	2.10	1.28	1.60	1.74	1.17	1.21



Radiation Pattern (2.4 GHz)



Radiation Pattern (5 GHz)



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