



## SPECIFICATION

Antenna Manufacturer Name	Wistron Corporation
Address	21F, 88, Sec. 1, Hsintai 5th Rd., Hsichih New Taipei City 22181 Taiwan, R.O.C.
ODM P/N:	025.902DH.0001
Test DATE	2023/11/29
DATASHEET REVISION	00
Ant. Type (PIFA)	Ant6, Ant7

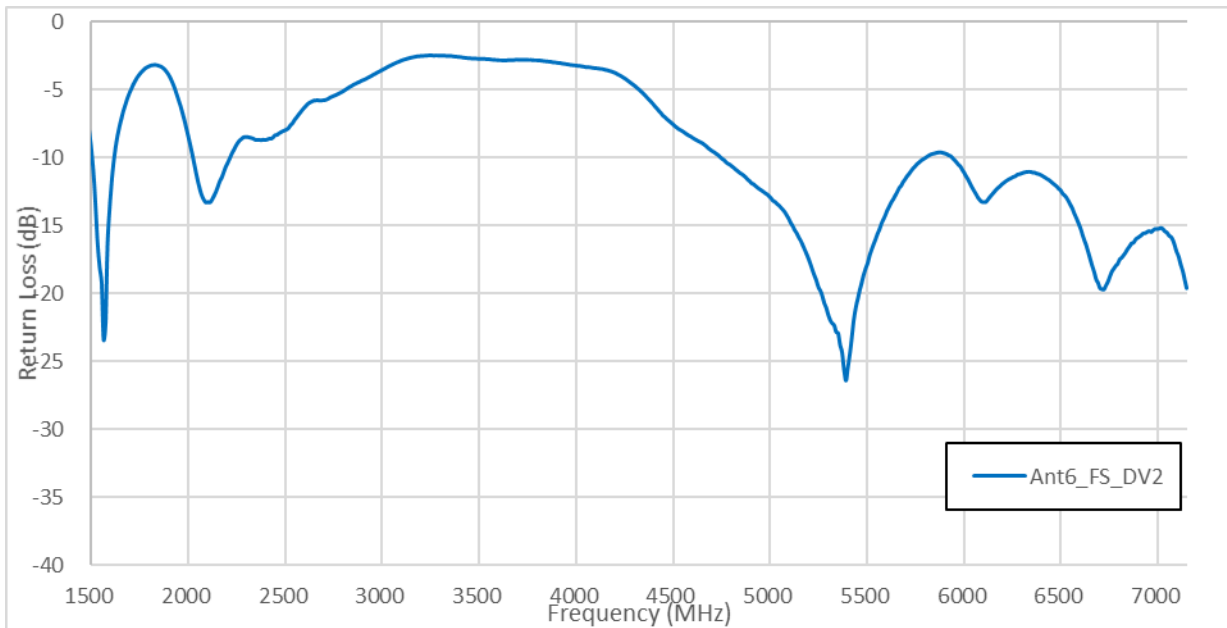
  
Test Engineer: Kevin Lai



## Antenna 6 description

Frequency Range	1559~1610MHz, 2400~2500MHz, 5150~5850MHz, 5925~7125MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	2.64dBi @ 5350MHz
Antenna type	PIFA
Process	LDS

## S11 of antenna 6



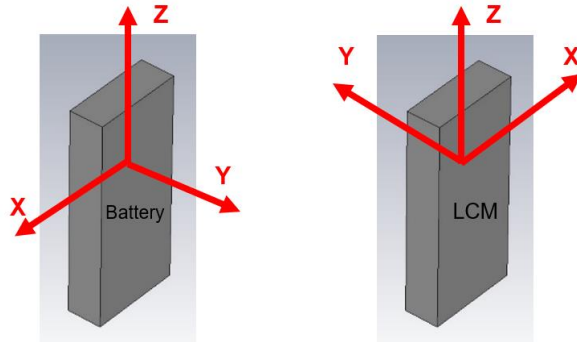


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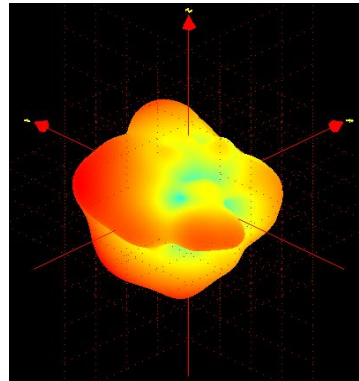
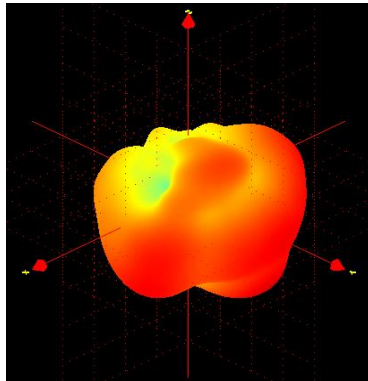
## Antenna 6 Gain:

MHz	Peak Gain (dBi)	UHS (dB)
1560		-5.70
1570		-5.80
1580		-5.56
1590		-5.37
1600		-5.06
1610		-6.03
2402	1.14	
2442	1.95	
2472	1.79	
5150	2.16	
5250	2.21	
5350	2.64	
5470	2.53	
5725	2.28	
5850	2.59	
5925	1.78	
6424	1.08	
6525	1.11	
6875	1.28	
7125	1.51	

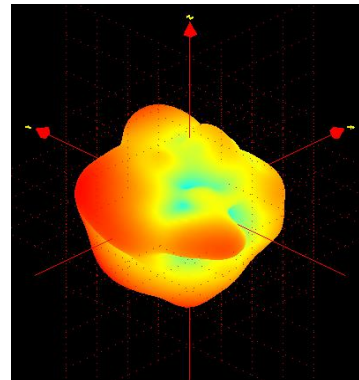
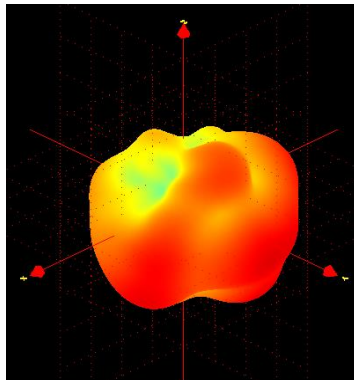
## Ant 6 3D Radiation Pattern



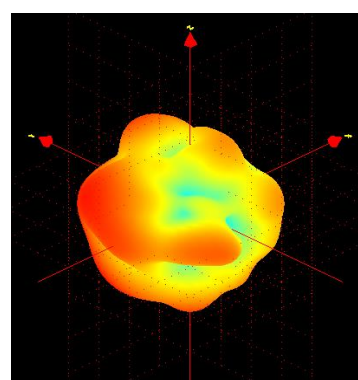
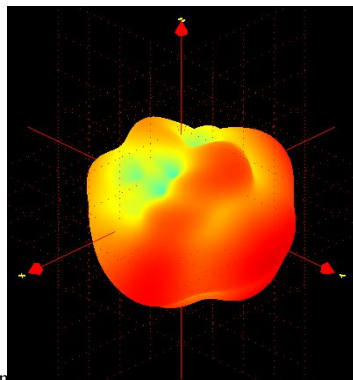
- 2402 MHz



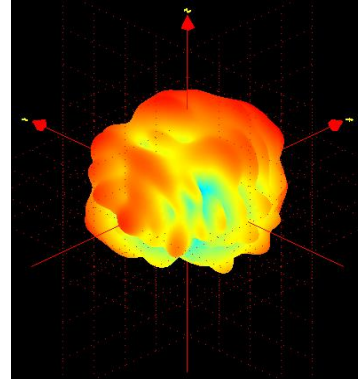
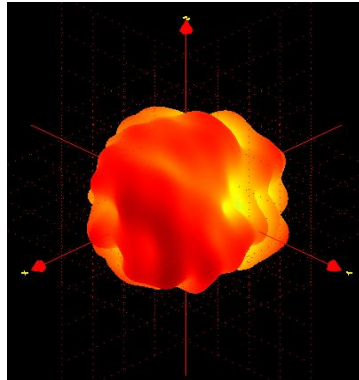
- 2442 MHz



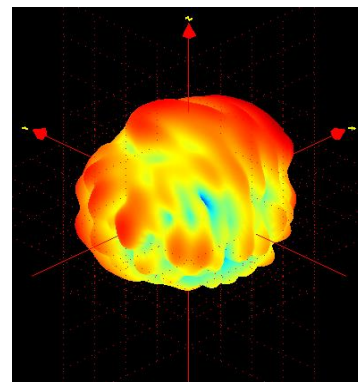
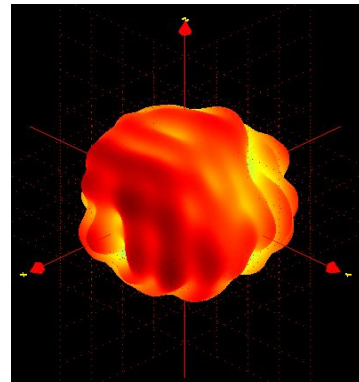
- 2472 MHz



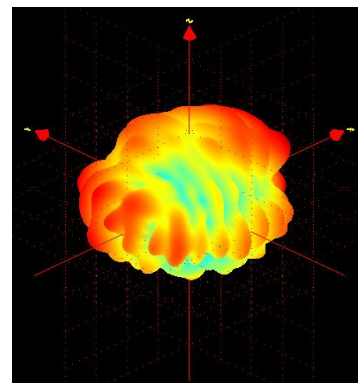
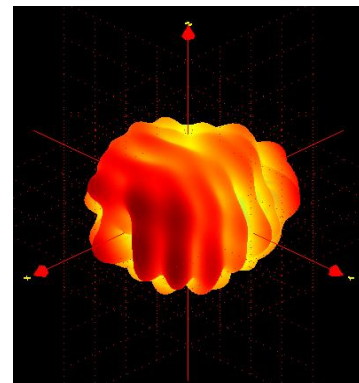
- 5150 MHz



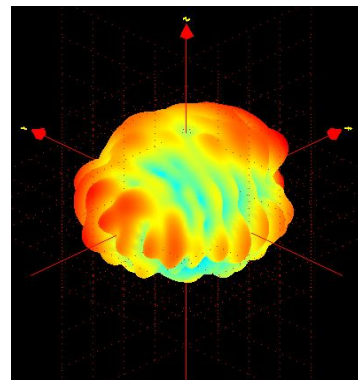
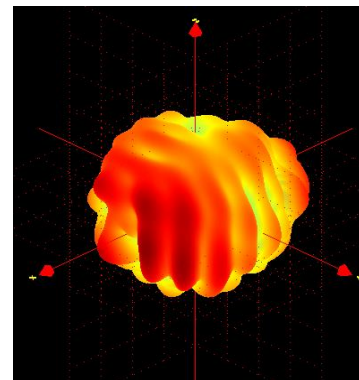
- 5470 MHz



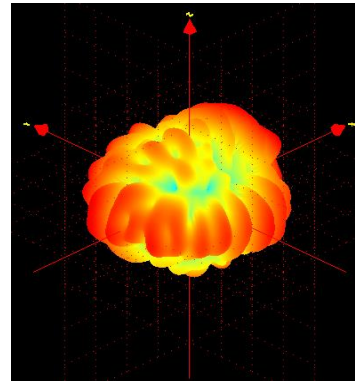
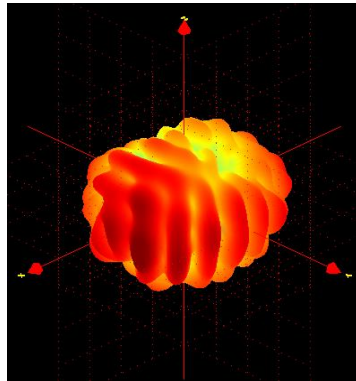
- 5850 MHz



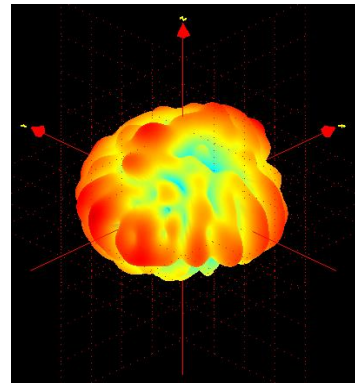
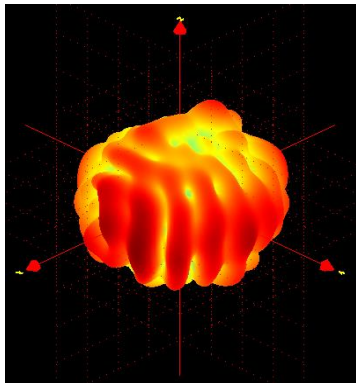
- 5925 MHz



- 6525 MHz



- 7125 MHz

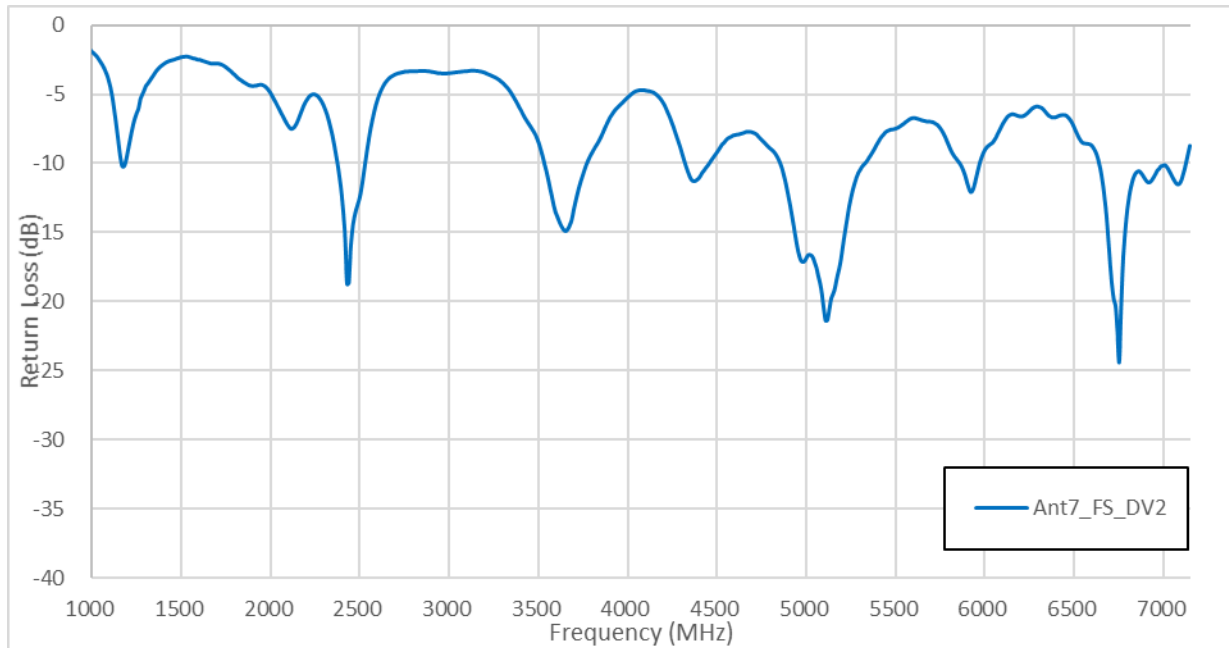




## Antenna 7 description

Frequency Range	1164~1254MHz, 2400~2500MHz, 5150~5850MHz, 5925~7125MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	2.52dBi @ 5350MHz
Antenna type	PIFA
Process	LDS

## S11 of antenna 7





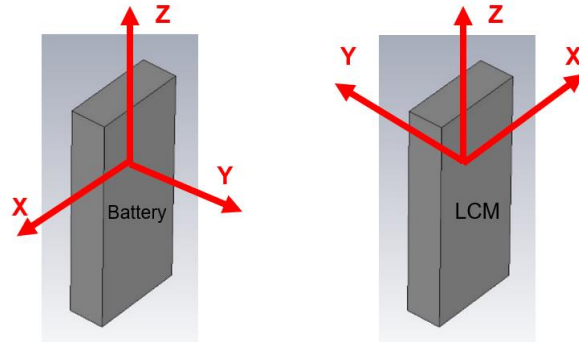
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## Antenna 7 Gain:

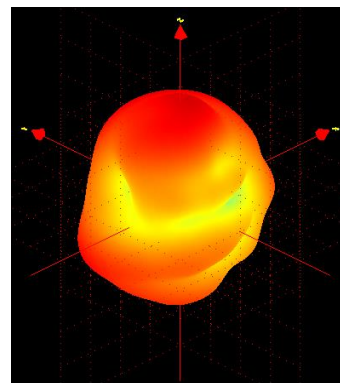
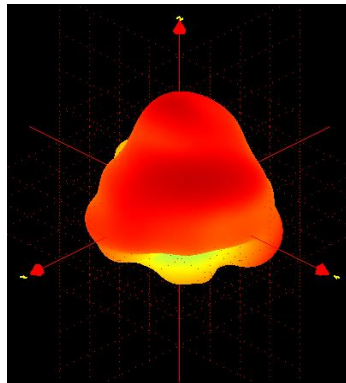
MHz	Peak Gain (dBi)	UHS (dB)
1160		-7.86
1170		-8.55
1180		-7.52
1190		-7.97
1200		-7.52
1210		-7.70
1220		-7.36
1230		-7.53
1240		-7.34
1250		-7.57
1260		-7.73
2402	1.63	
2442	2.44	
2472	2.51	
5150	1.51	
5250	2.21	
5350	2.52	
5470	2.22	
5725	2.30	
5850	2.23	
5925	1.46	
6424	1.65	
6525	1.85	
6875	0.67	
7125	0.39	



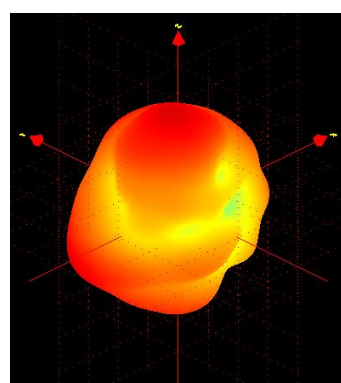
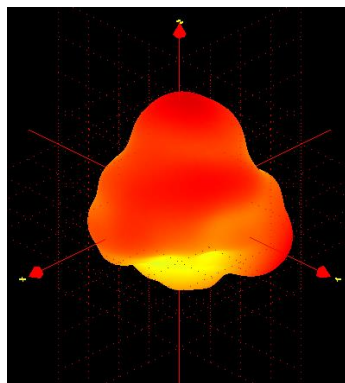
## Ant 7 3D Radiation Pattern



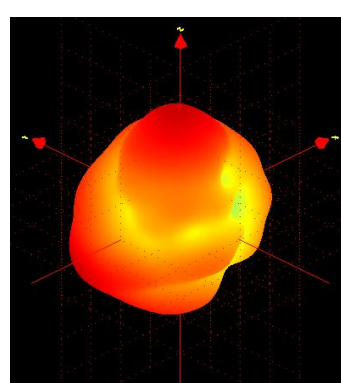
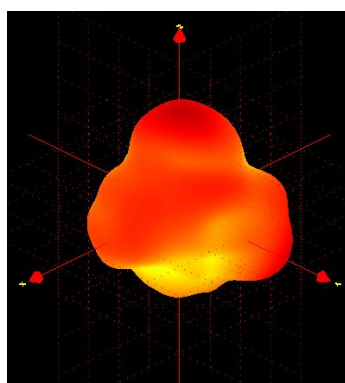
- 2402 MHz



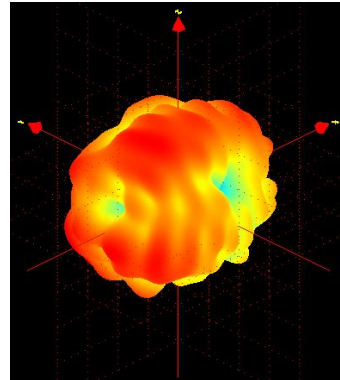
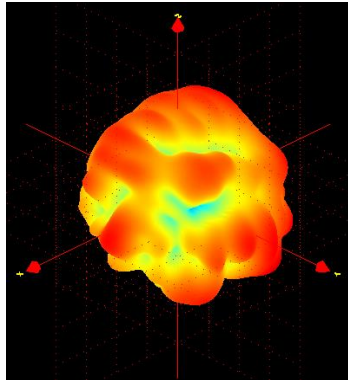
- 2442 MHz



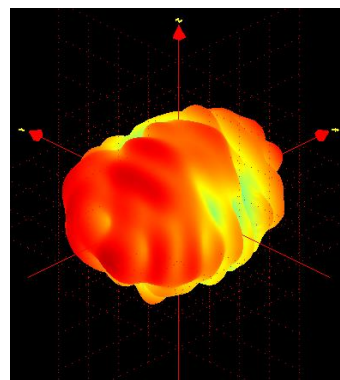
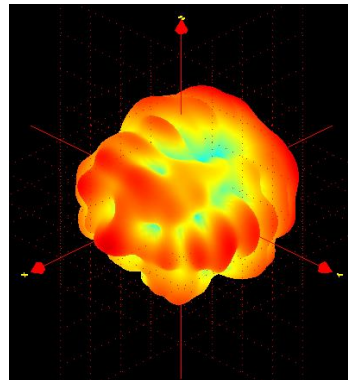
- 2472 MHz



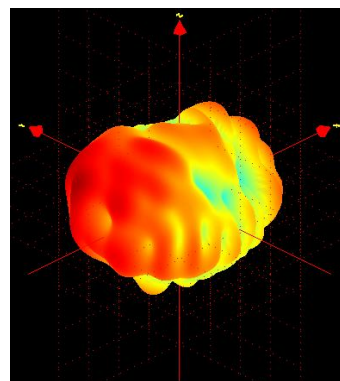
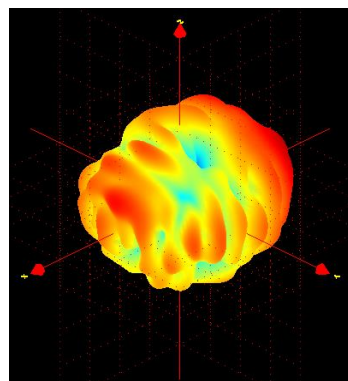
- 5150 MHz



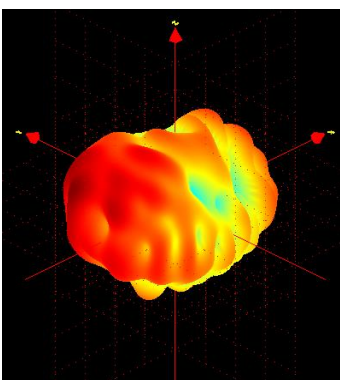
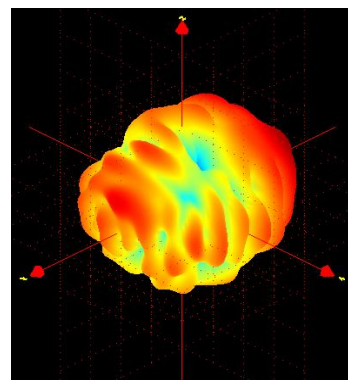
- 5470 MHz



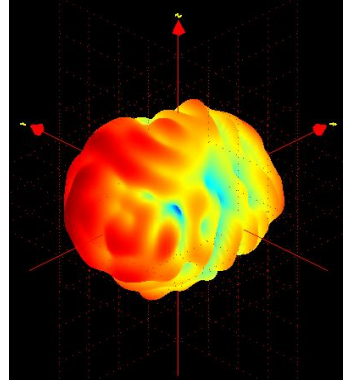
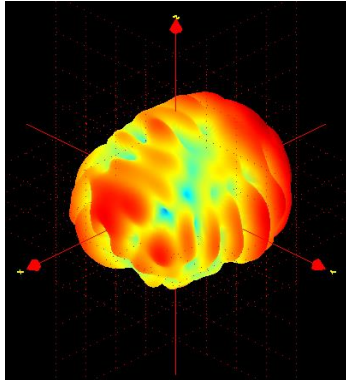
- 5850 MHz



- 5925 MHz



- 6525 MHz



- 7125 MHz

