



Antenna SPECIFICATION

Antenna Manufacturer Name	Wistron
Address	Wistron Corporation (Hsichih office) 21F, 88, Sec. 1, Hsintai 5th Rd., Hsichih
P/N:	025.902FL.0001
Test DATE	2024/2/19
DATASHEET REVISION	02

Jimmy Chen

Test Engineer: Jessie/Kevin/Jimmy



Description of Antenna 6

Frequency Range	2.4 GHz, 5 GHz, and 6 GHz
Impedance	50 Ω
Antenna type	PIFA
Manufacturing Process	LDS

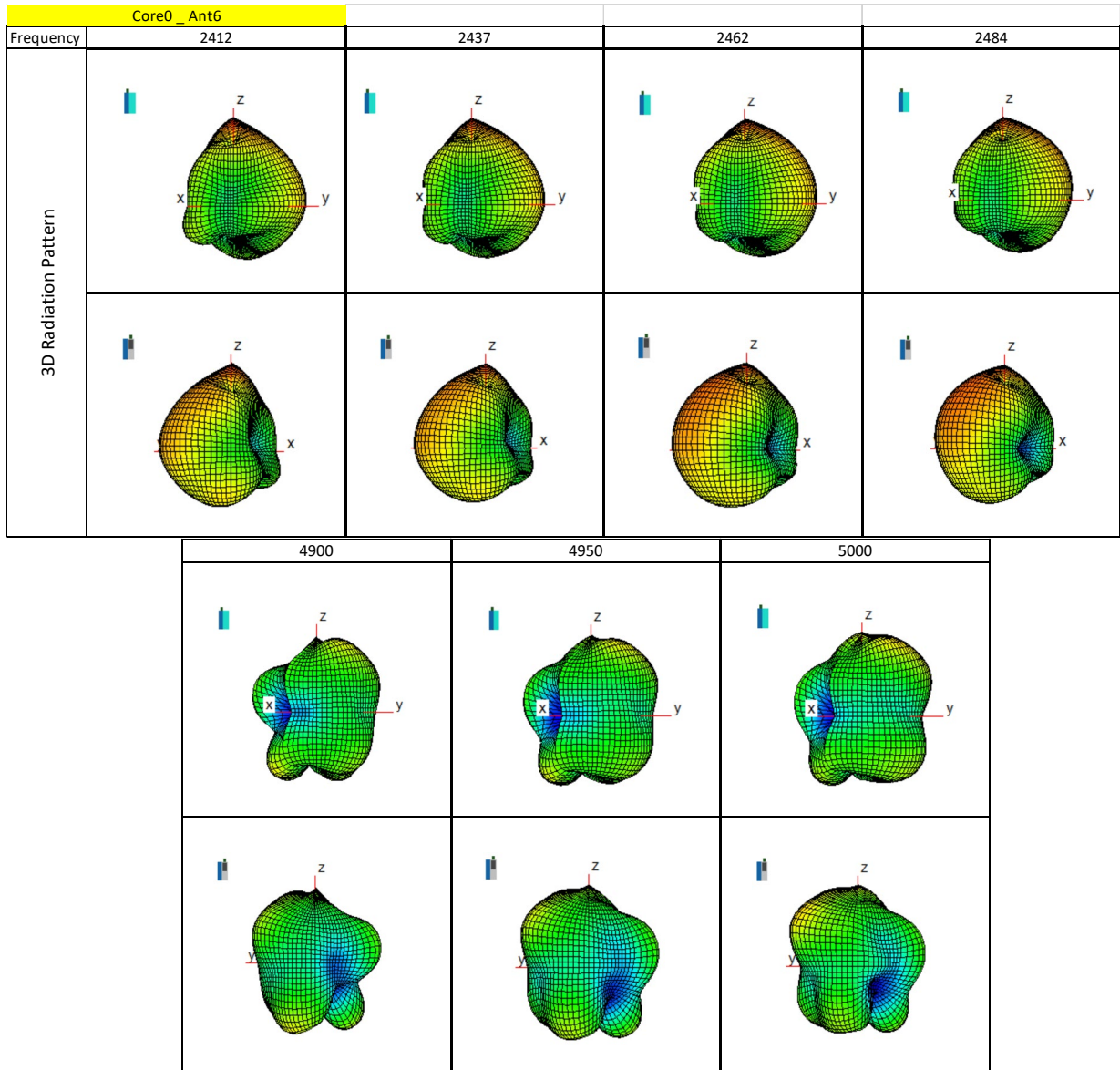
Antenna Peak Gain:

Antenna	Thunderbolt LANSku DV1-1		Peak Gain (dBi)			
	Chamber Name		Free Space			
	Auden GTS1800		Max Spec	Result		
Core 0 _ Ant6	2.4GHz	2412	3	1.25		
		2437	3	1.53		
		2462	3	2.16		
		2484	3	2.32		
		Max Peak Gain	3	2.32		
	5GHz	4900	4	-0.76		
		4950	4	-0.58		
		5000	4	-0.04		
		5180	4	1.80		
		5250	4	3.51		
		5350	4	3.86		
		5450	4	3.95		
		5550	4	3.88		
		5650	4	3.46		
		5750	4	2.52		
		5825	4	1.69		
	Max Peak Gain	4	3.95			
	6GHz	5925	4	1.50		
		5975	4	1.51		
		6025	4	1.86		
		6125	4	2.96		
		6225	4	1.60		
		6325	4	3.07		
		6425	4	2.67		
		6525	4	1.46		
		6625	4	1.35		
		6725	4	1.75		
		6825	4	1.30		
		6925	4	2.14		
		7096	4	2.07		
		7125	4	1.79		
		Max Peak Gain		3.07		

MHZ	Peak Gain FS
1559	0.589878
1585	1.121039
1606	0.828334
1610	0.642624



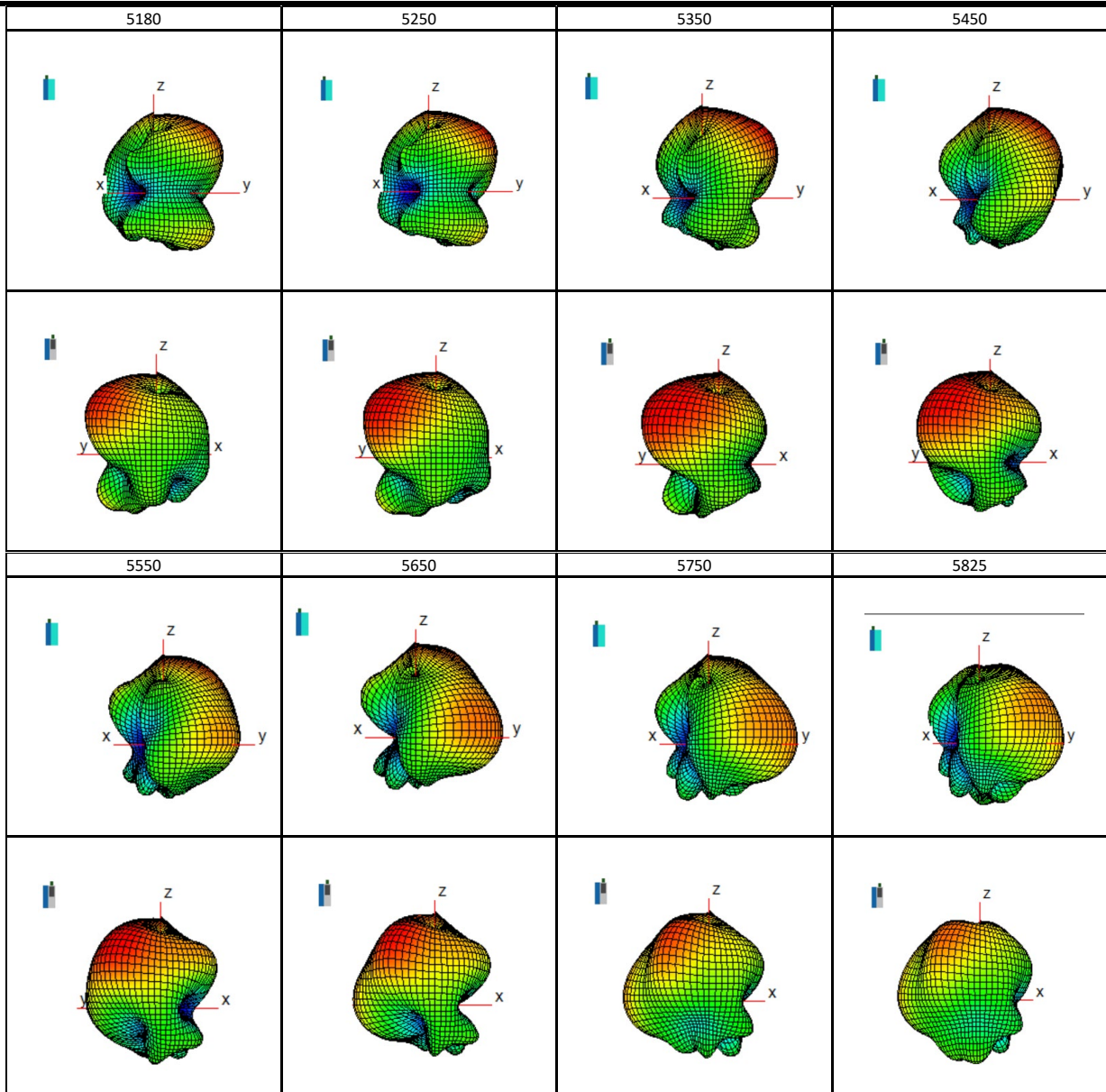
Antenna Pattern:





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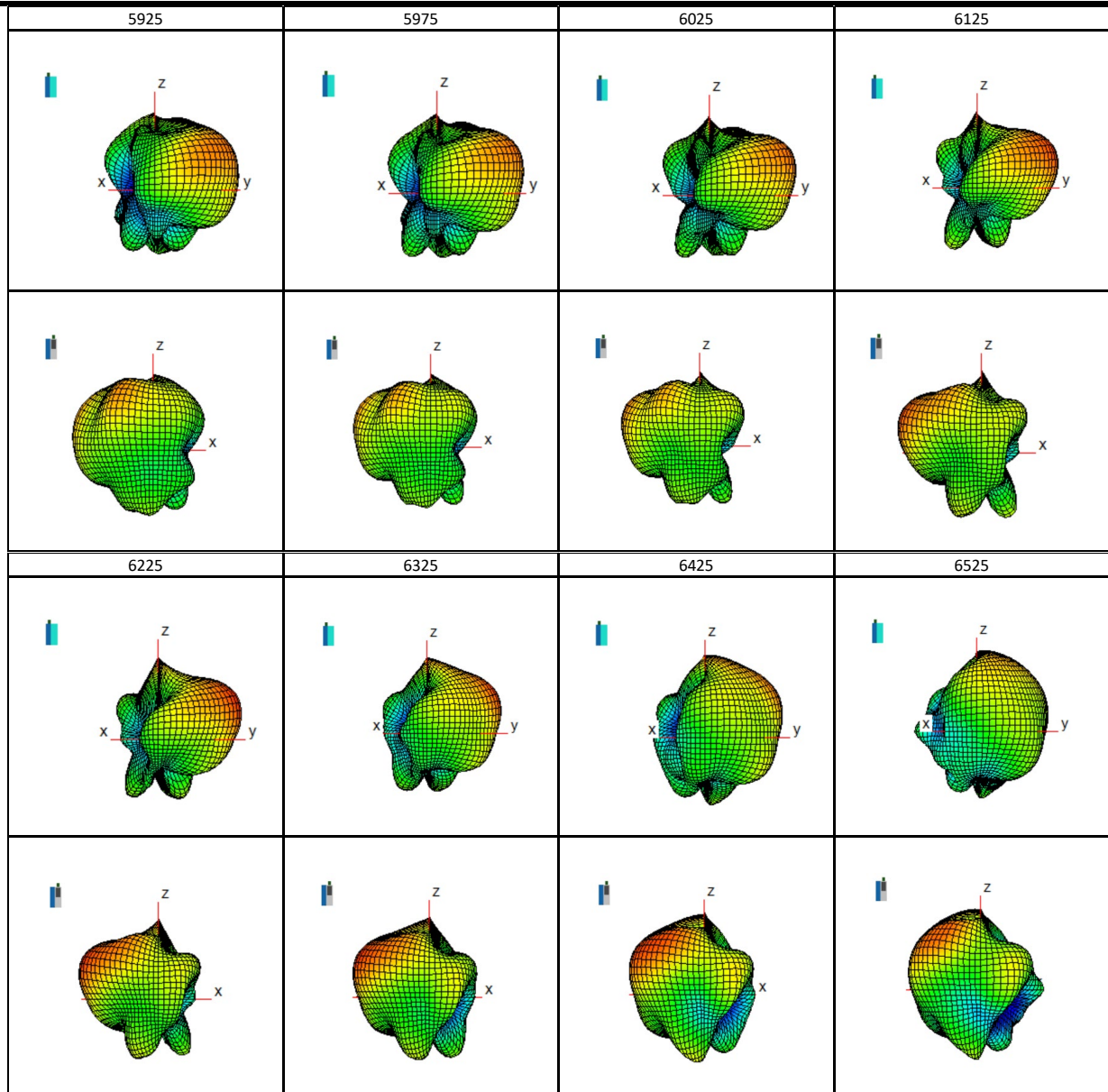
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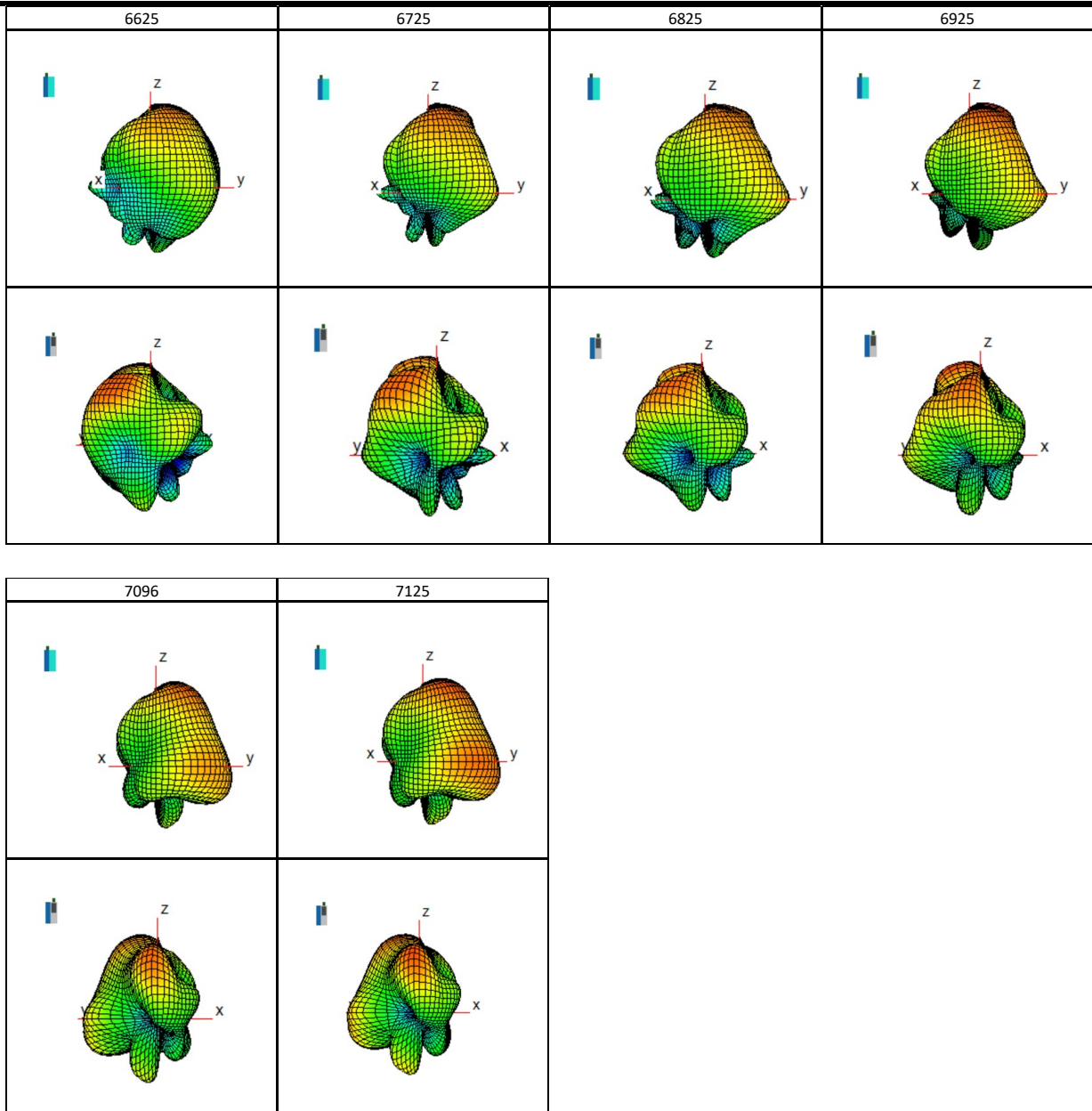
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Description of Antenna 7

Frequency Range	2.4 GHz, 5 GHz, and 6 GHz
Impedance	50 Ω
Antenna type	PIFA
Manufacturing Process	LDS

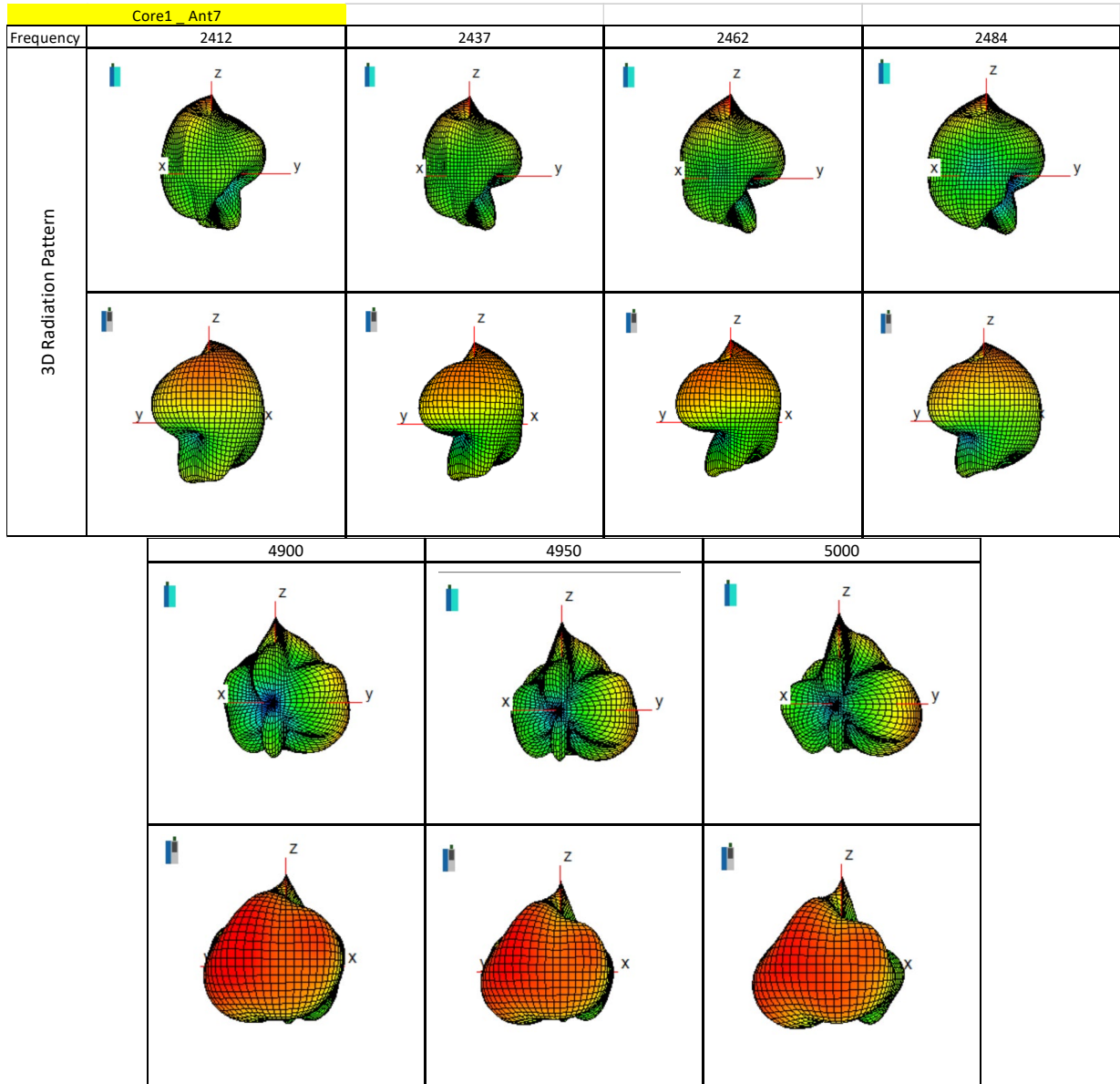
Antenna Peak Gain:

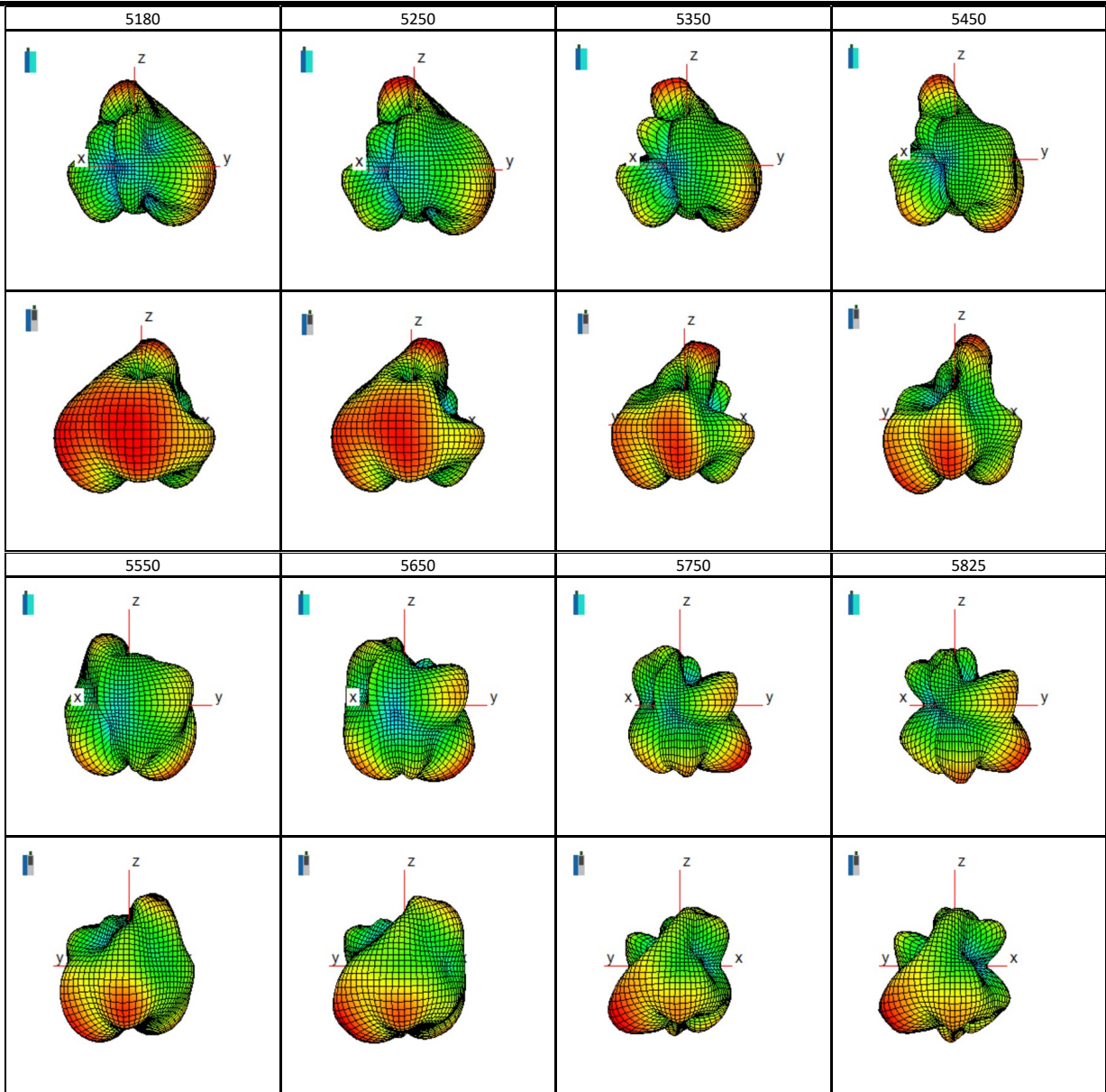
Antenna	Thunderbolt LANsku DV1-1		Peak Gain (dBi)	
	Chamber Name		Free Space	
	Auden GTS1800			
	Frequency Band	MHz	Max Spec	Result
Core 1 _ Ant7	2.4GHz	2412	3	0.14
		2437	3	-0.11
		2462	3	0.00
		2484	3	-0.09
		Max Peak Gain	3	0.14
	5GHz	4900	4	2.61
		4950	4	2.07
		5000	4	1.77
		5180	4	1.51
		5250	4	1.74
		5350	4	1.31
		5450	4	1.66
		5550	4	1.36
		5650	4	1.97
		5750	4	2.24
	5825	4	1.32	
	Max Peak Gain	4	2.61	
	6GHz	5925	4	1.43
		5975	4	1.35
		6025	4	0.97
		6125	4	0.66
		6225	4	0.69
		6325	4	0.95
		6425	4	1.03
		6525	4	1.56
		6625	4	1.29
		6725	4	0.87
		6825	4	1.47
		6925	4	0.55
		7096	4	1.14
		7125	4	0.89
	Max Peak Gain		1.56	

	Peak Gain
MHZ	FS
1164	-0.36475
1176	-0.02682
1214	0.197346
1215	0.198277
1227	0.086256
1254	-0.49234



Antenna Pattern:

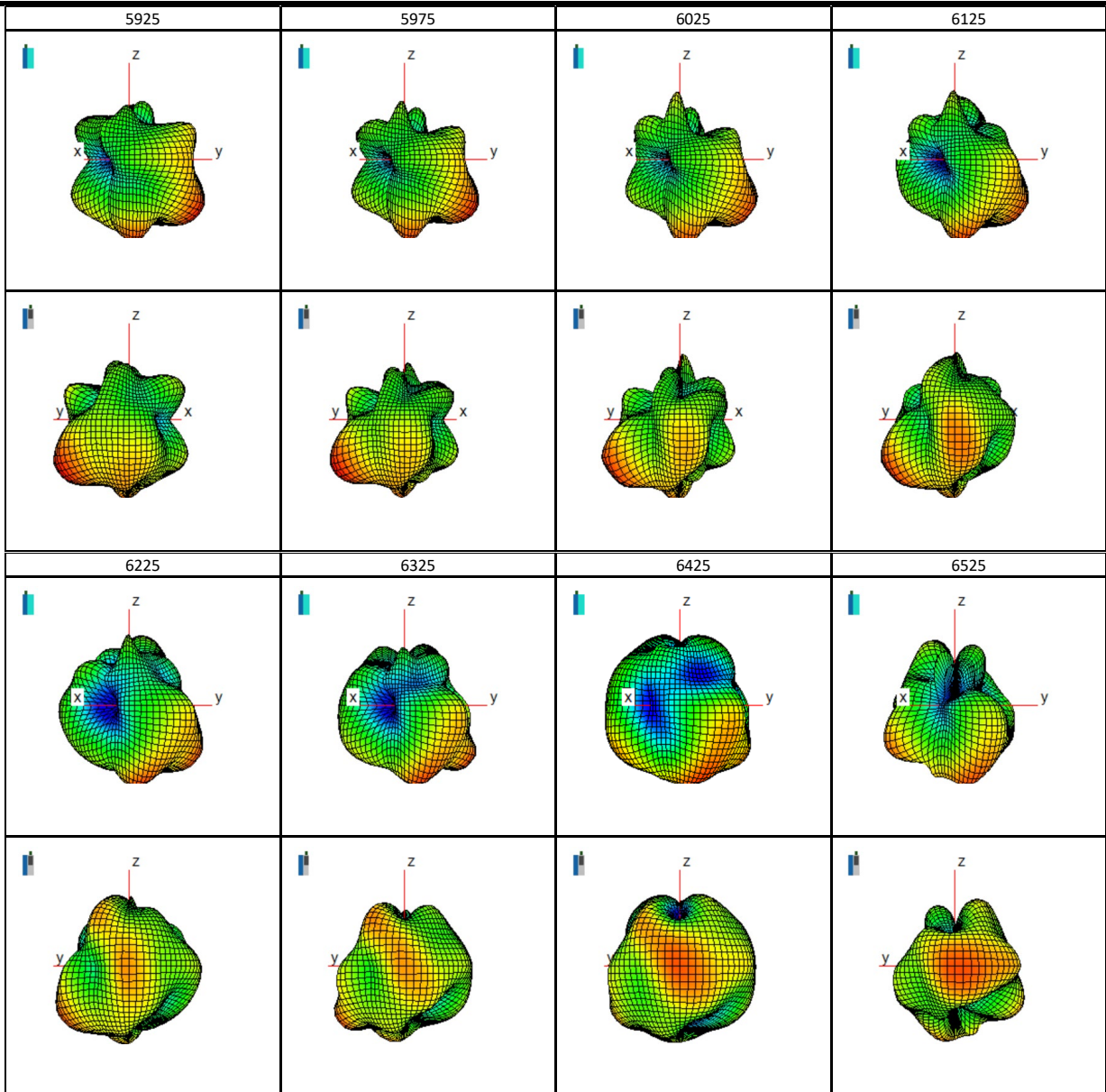






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