



Zebra Technologies Corporation

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

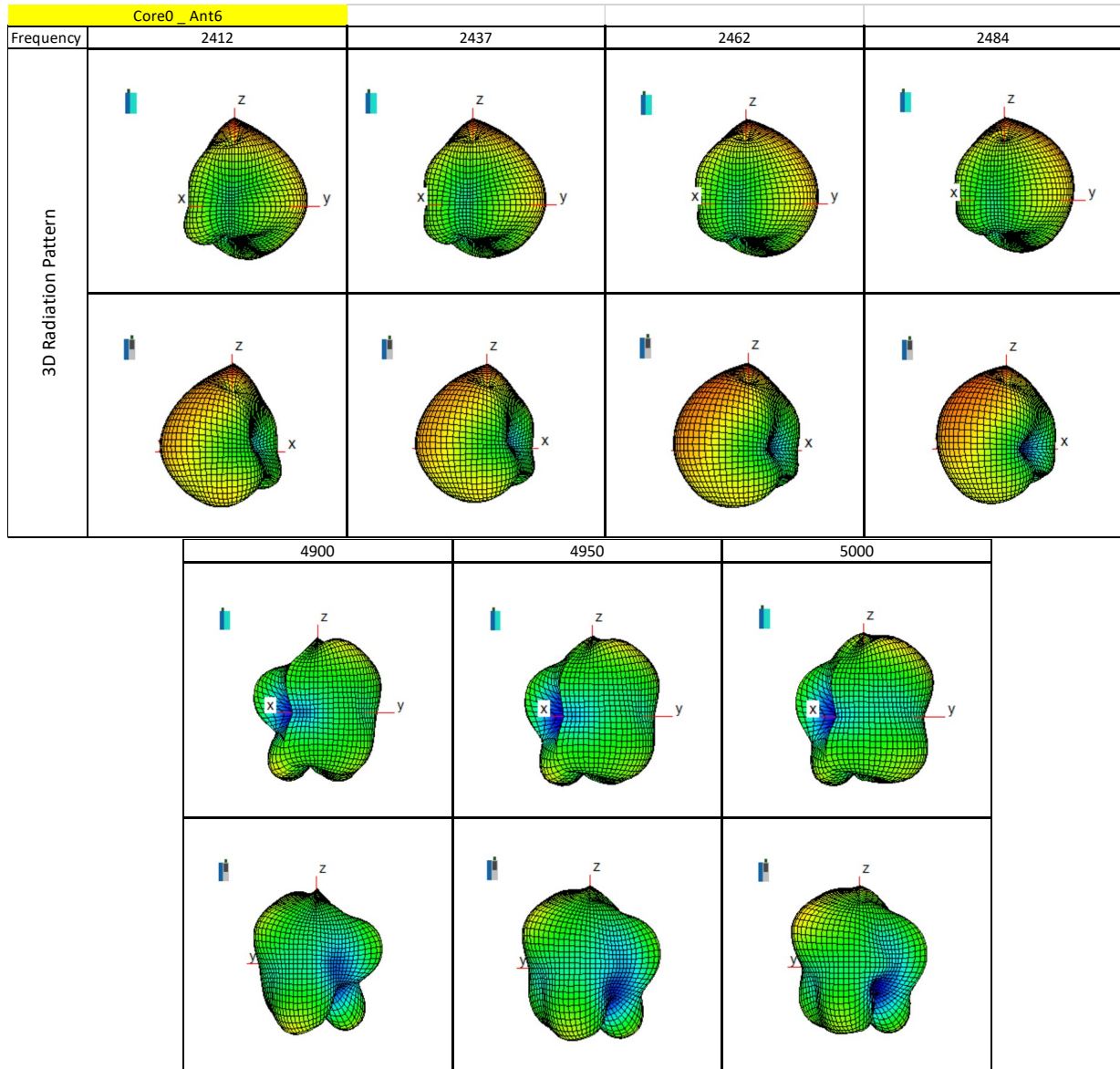
Frequency Range	2.4 GHz, 5 GHz, and 6 GHz
Impedance	50 Ω
Antenna type	PIFA
Manufacturing Process	LDS

Antenna Peak Gain:

Antenna	Thunderbolt LANSku DV1-1		Peak Gain (dBi)	
	Chamber Name		Free Space	
	Auden GTS1800			
	Frequency Band	MHz	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

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

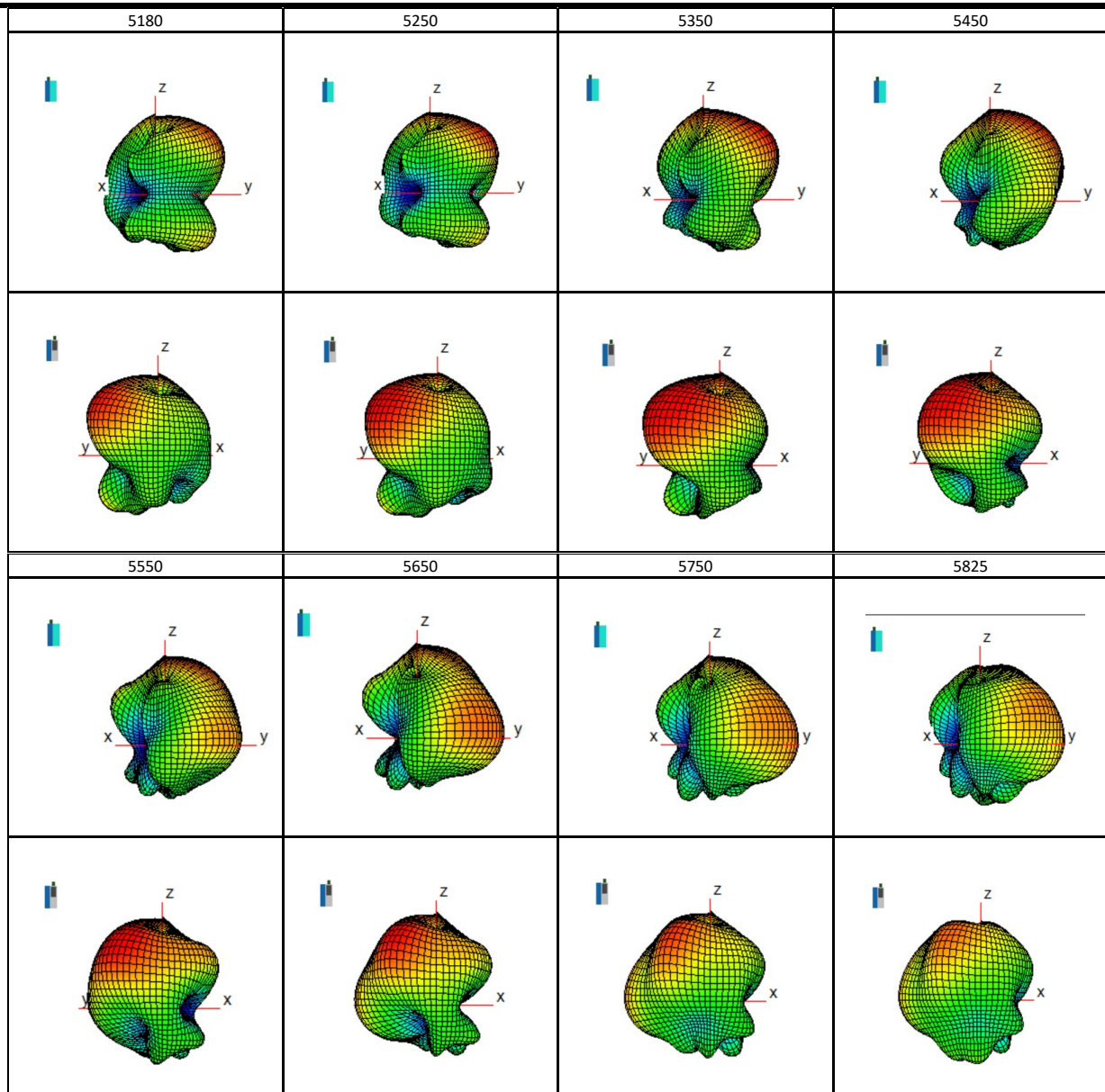
Antenna Pattern:

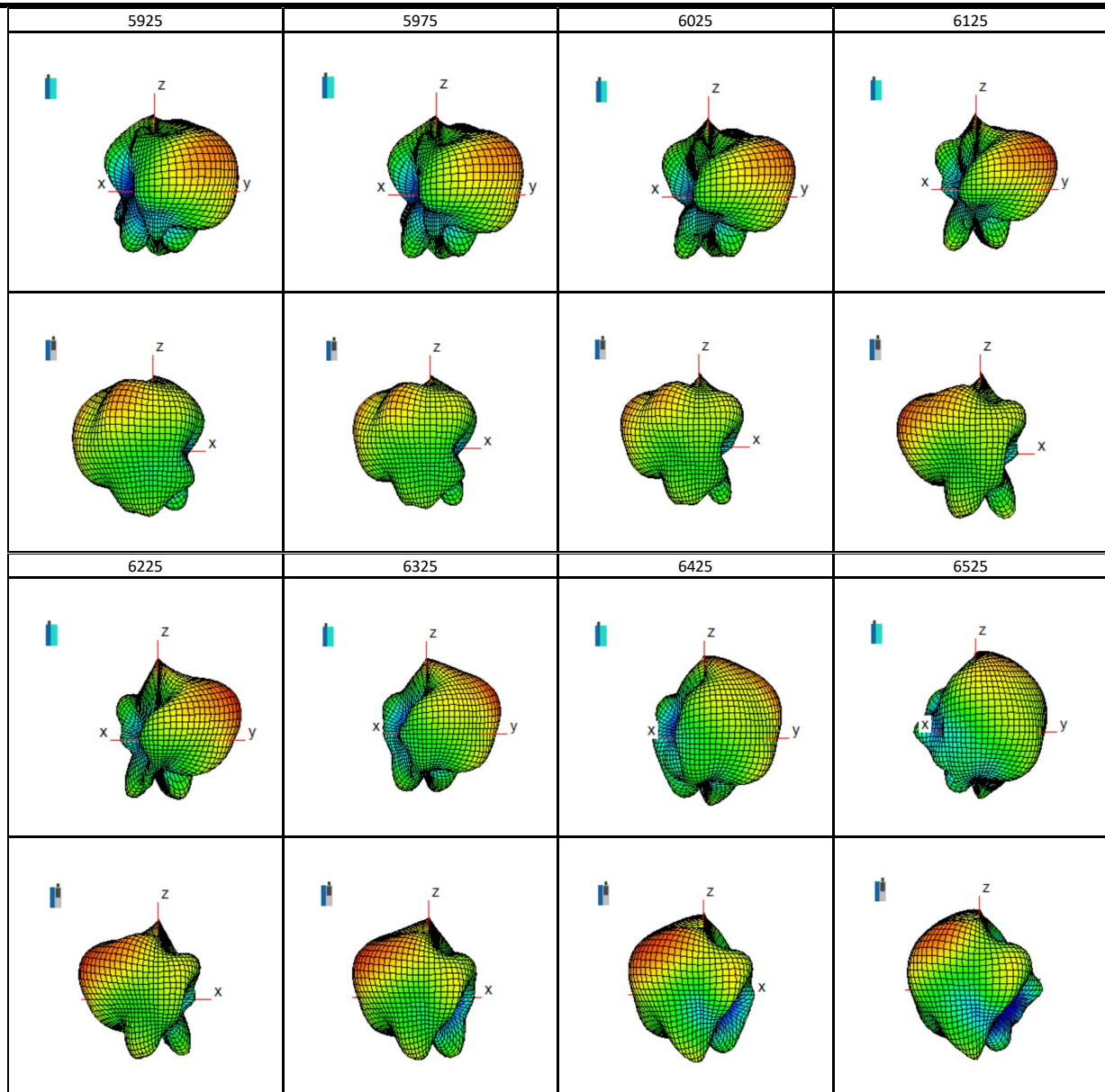


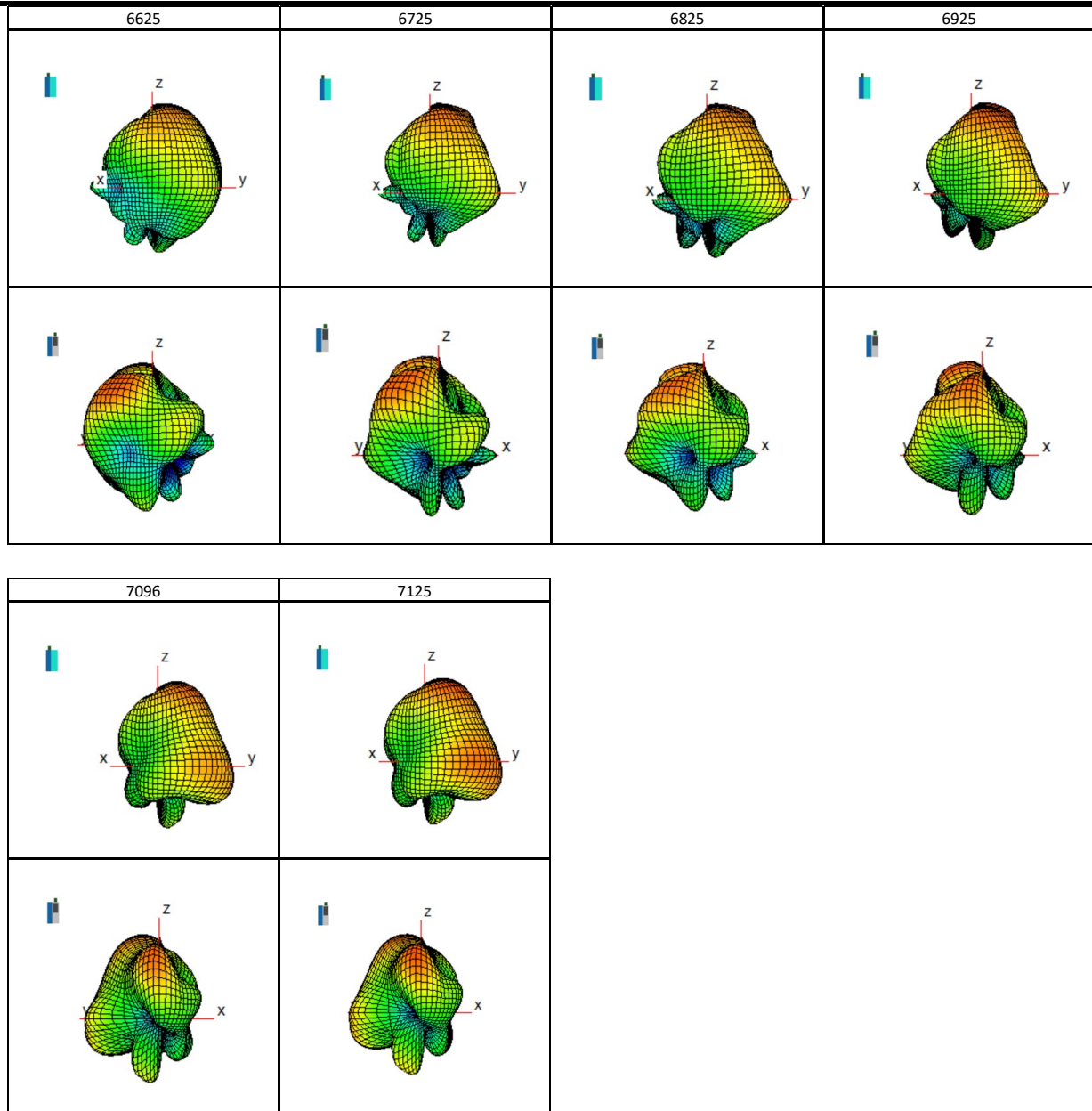


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Description of Antenna 7

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)	
			Free Space	
	Chamber Name		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

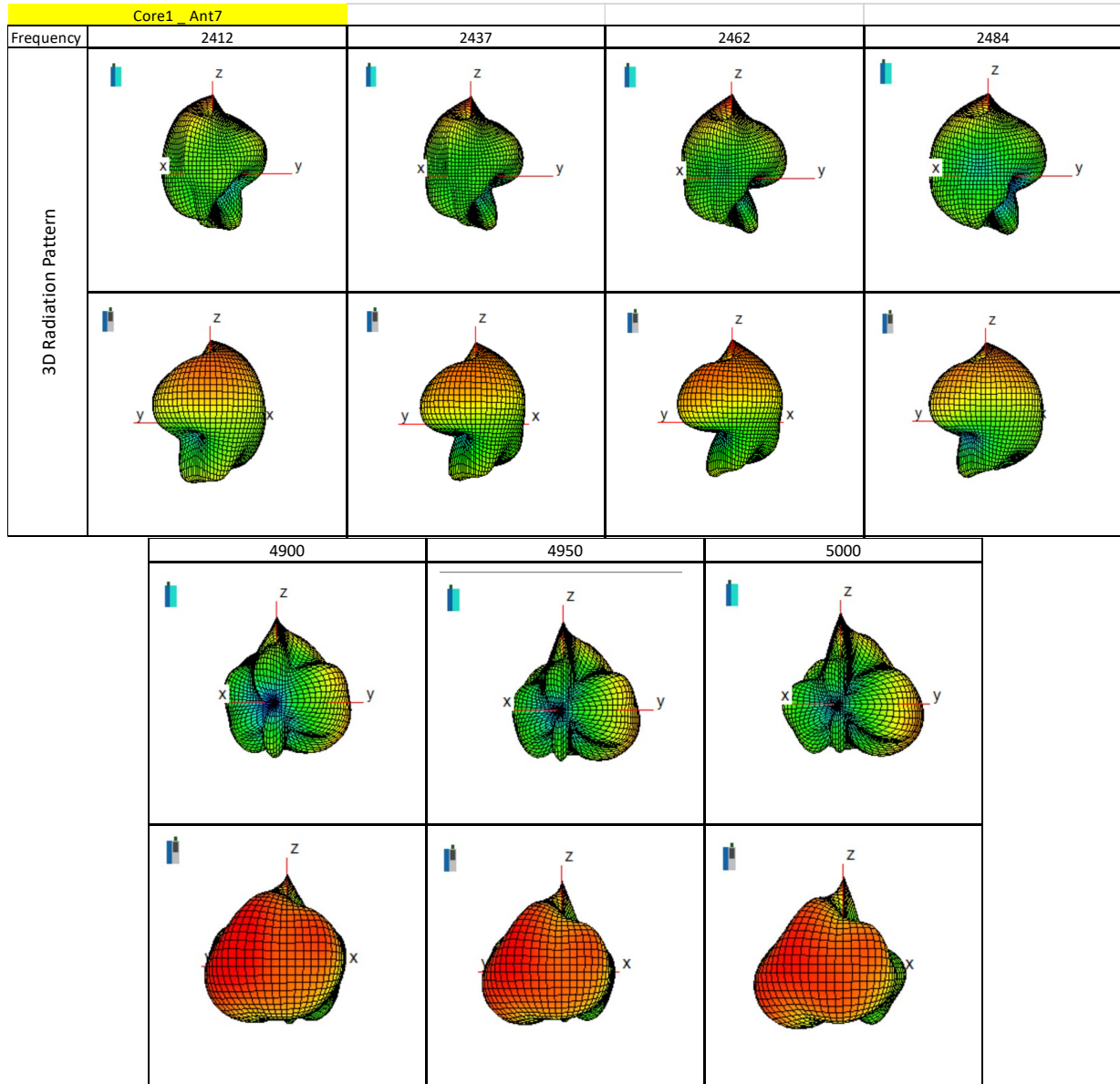
	Peak Gain
MHZ	FS
1164	-0.36475
1176	-0.02682
1214	0.197346
1215	0.198277
1227	0.086256
1254	-0.49234



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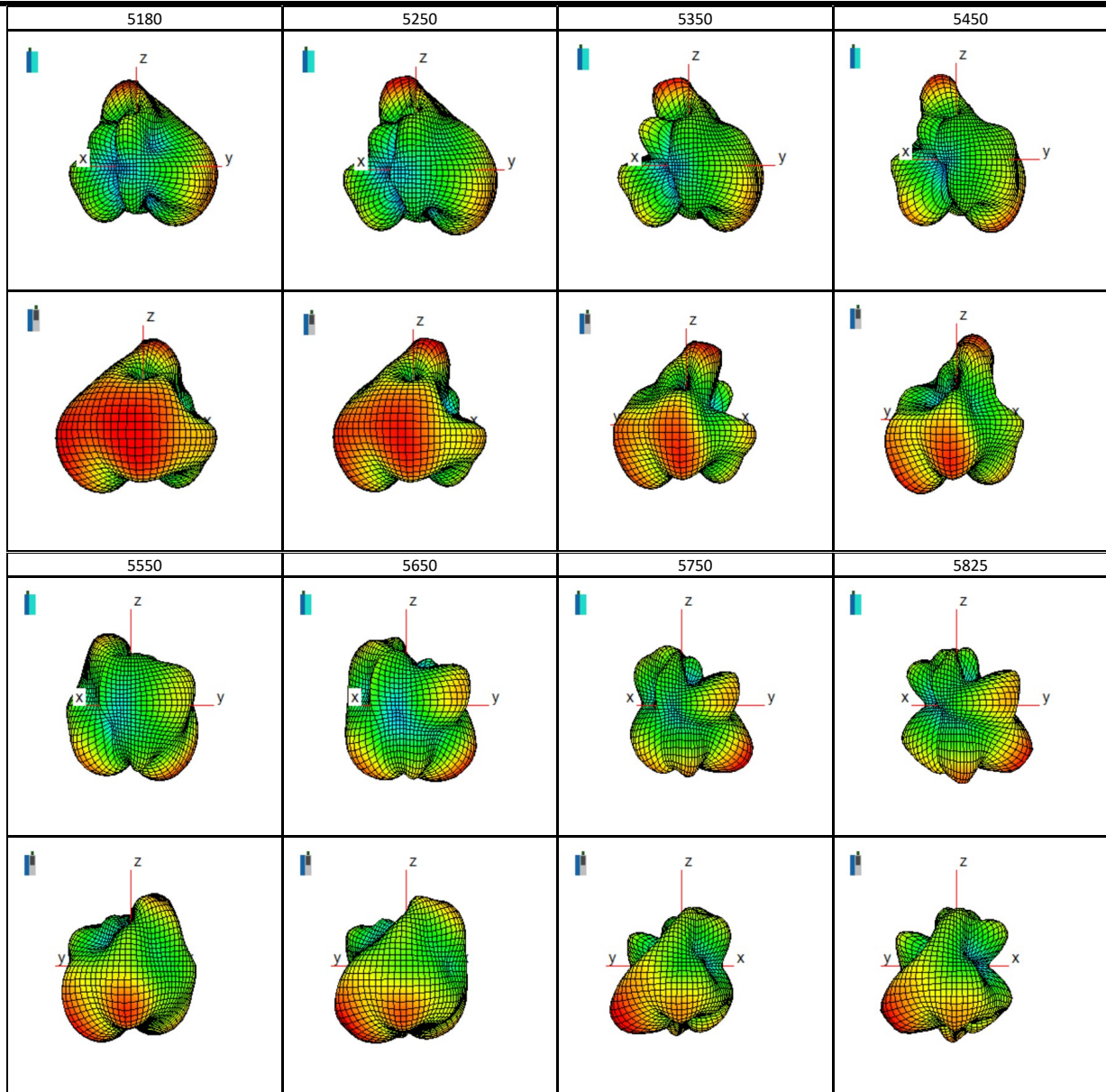
Antenna Pattern:





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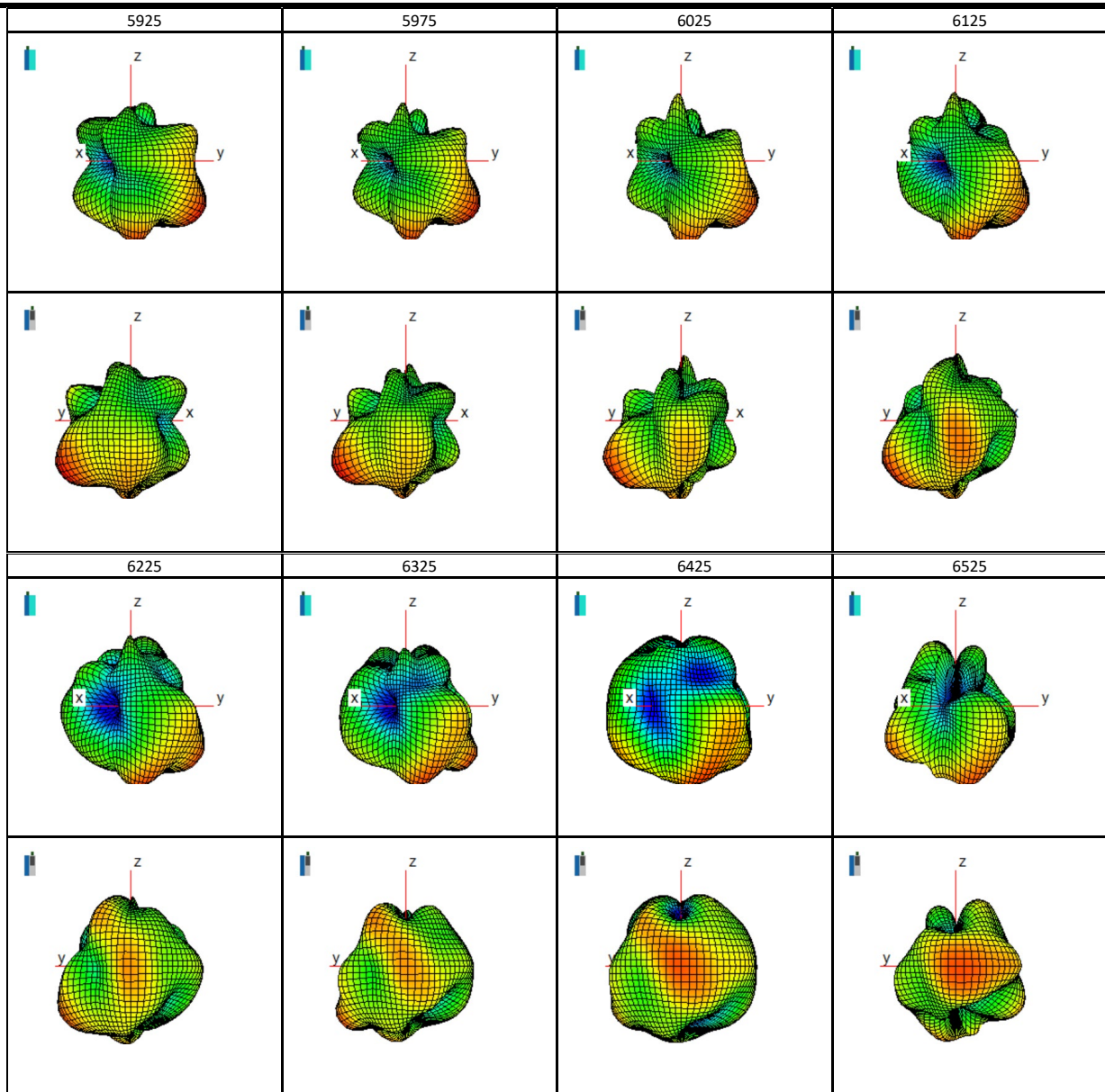
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