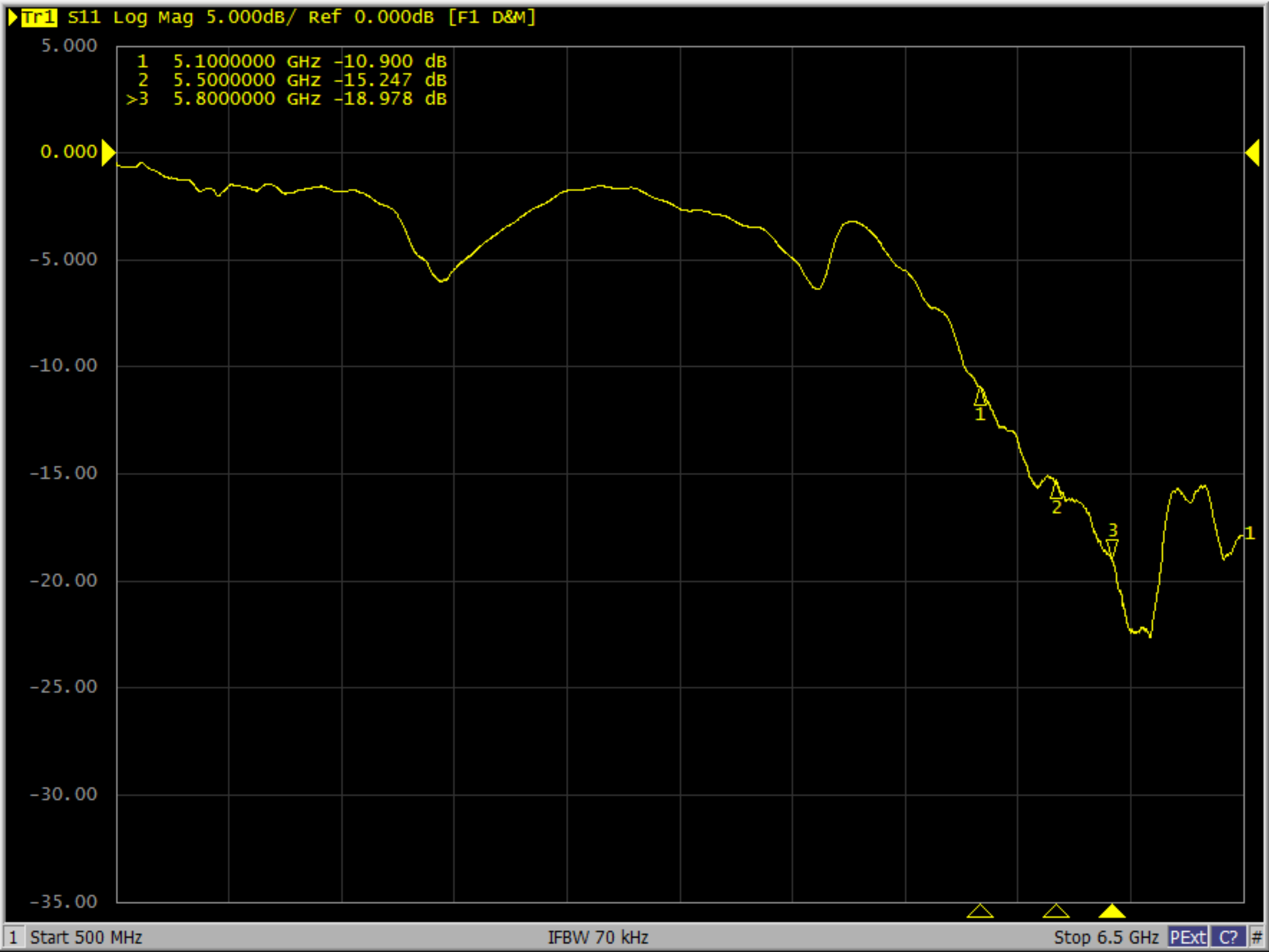


205 Antenna Specification

20250220

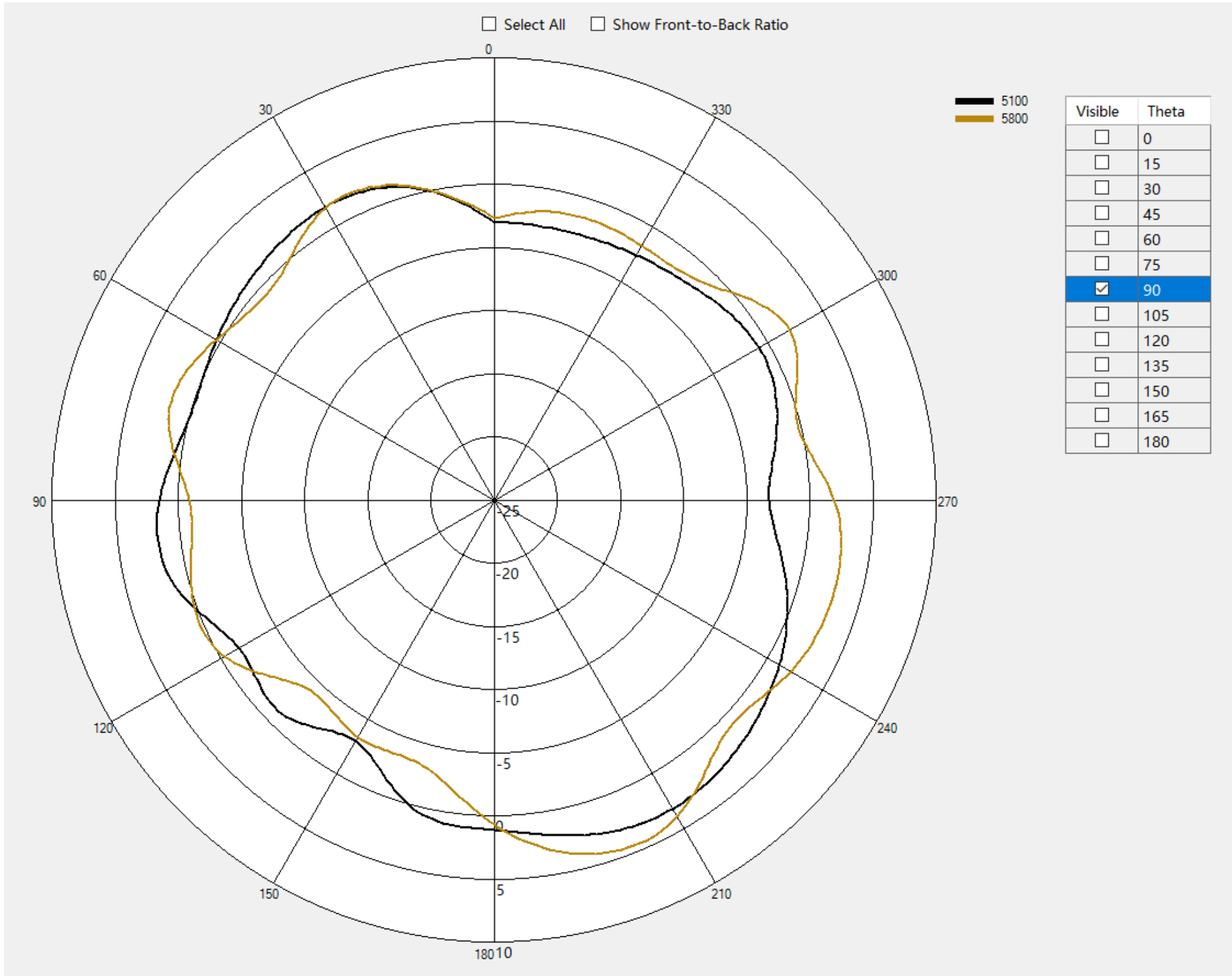
Ant1_S11



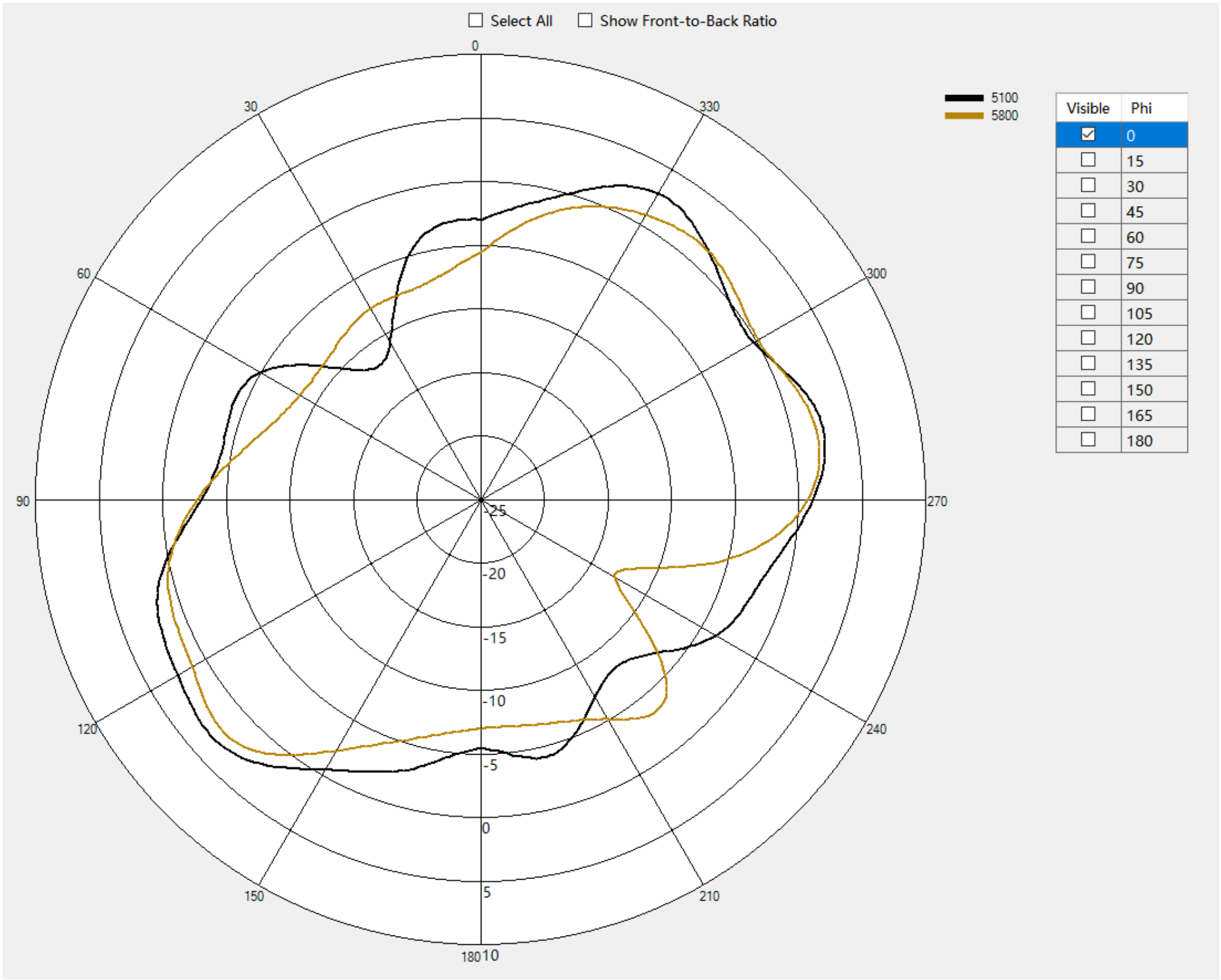
Ant1_Efficiency

Freq (MHz)	Efficiency _ dB	Efficiency _Pcent %	Peak Gain (dBi)
5100	-0.56	87.94	4.32
5150	-0.60	87.14	4.20
5200	-0.31	93.02	4.30
5250	-0.41	90.92	4.09
5300	-0.37	91.93	4.18
5350	-0.32	92.87	4.26
5400	-0.49	89.31	4.34
5450	-0.45	90.22	4.35
5500	-0.75	84.14	3.86
5550	-0.54	88.29	4.20
5600	-0.50	89.10	4.27
5650	-0.66	86.00	3.83
5700	-0.51	88.89	3.76
5750	-0.40	91.21	4.19
5800	-0.34	92.57	4.54
5850	-0.57	87.62	4.33
5900	-1.06	78.26	4.00

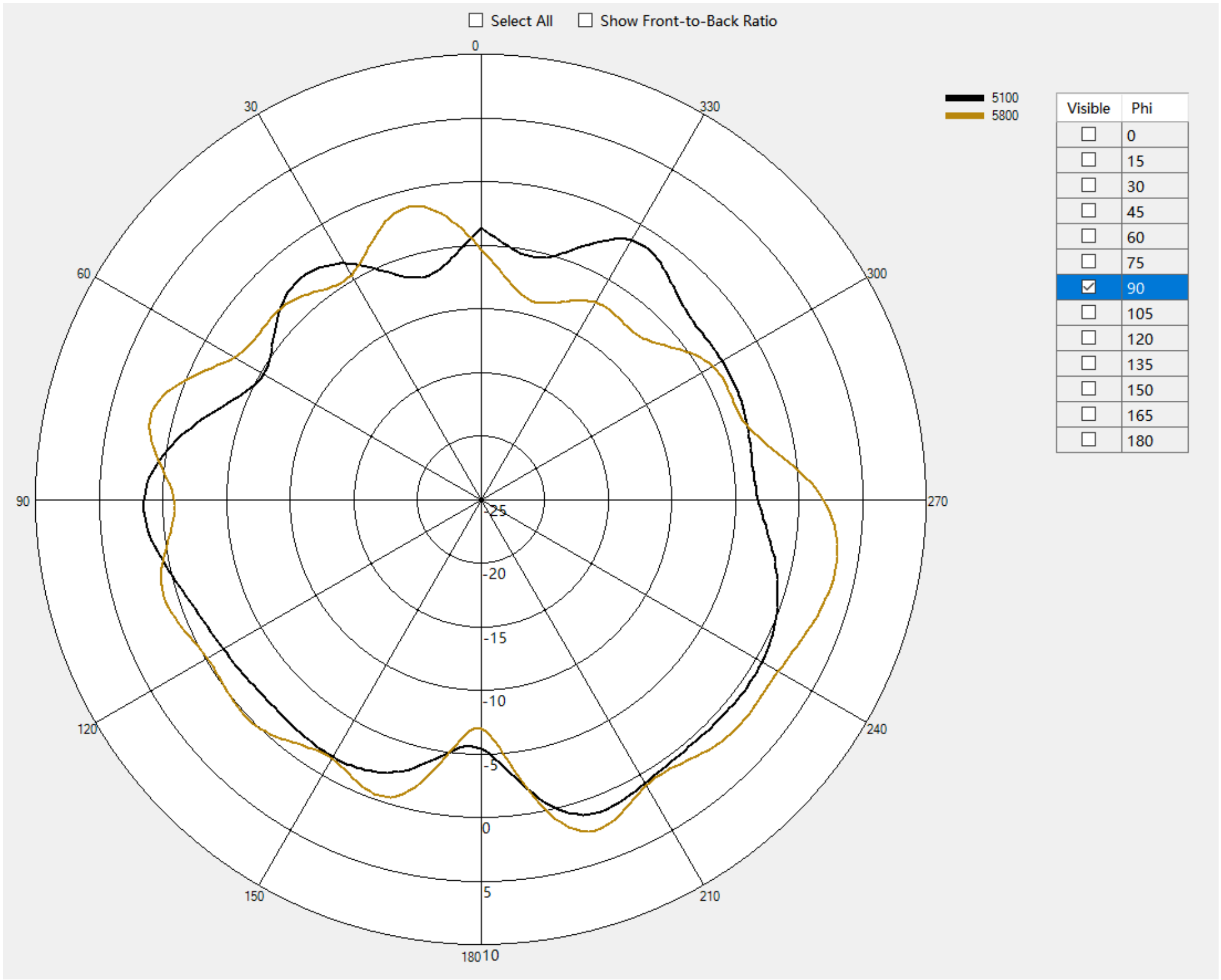
Ant1_2D_Theta90°



Ant1_2D_Phi0°

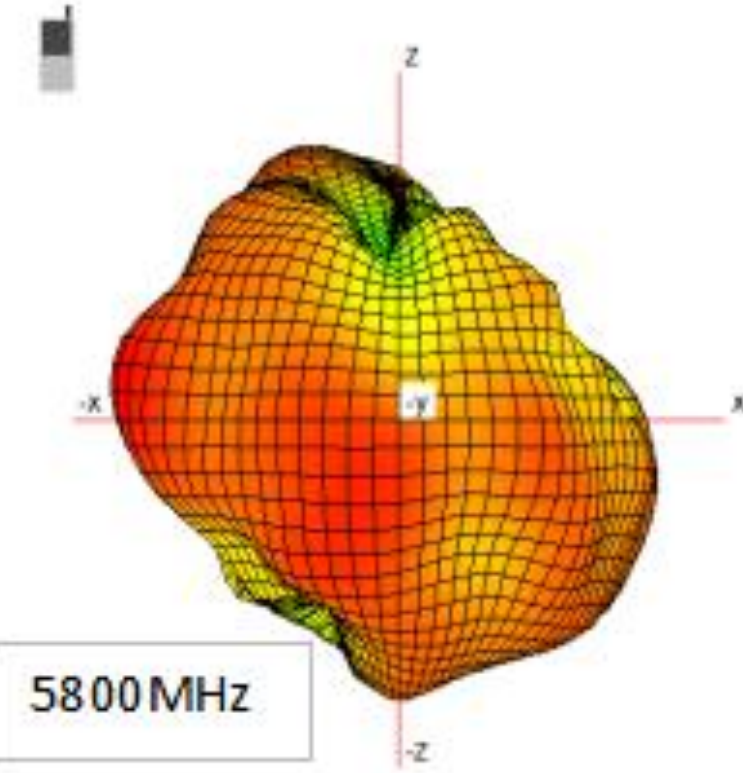
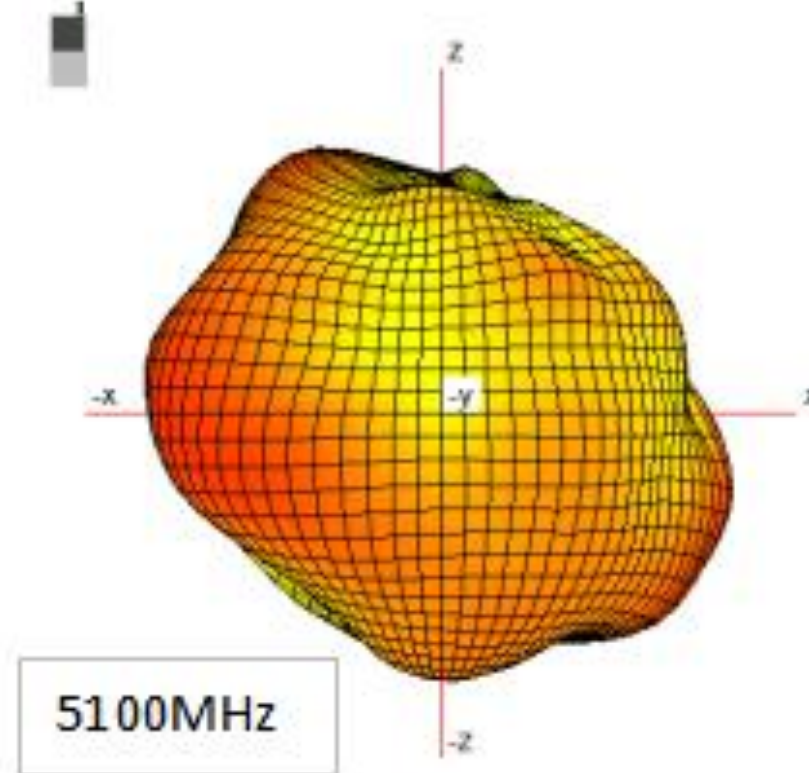


Ant1_2D_Phi90°

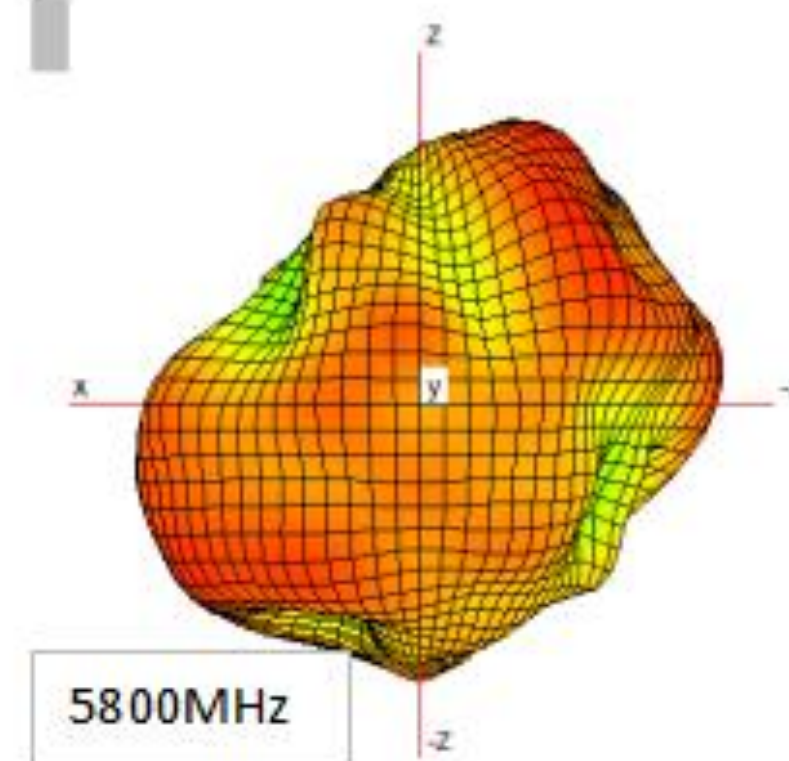


Ant1_3D

Head



Tail



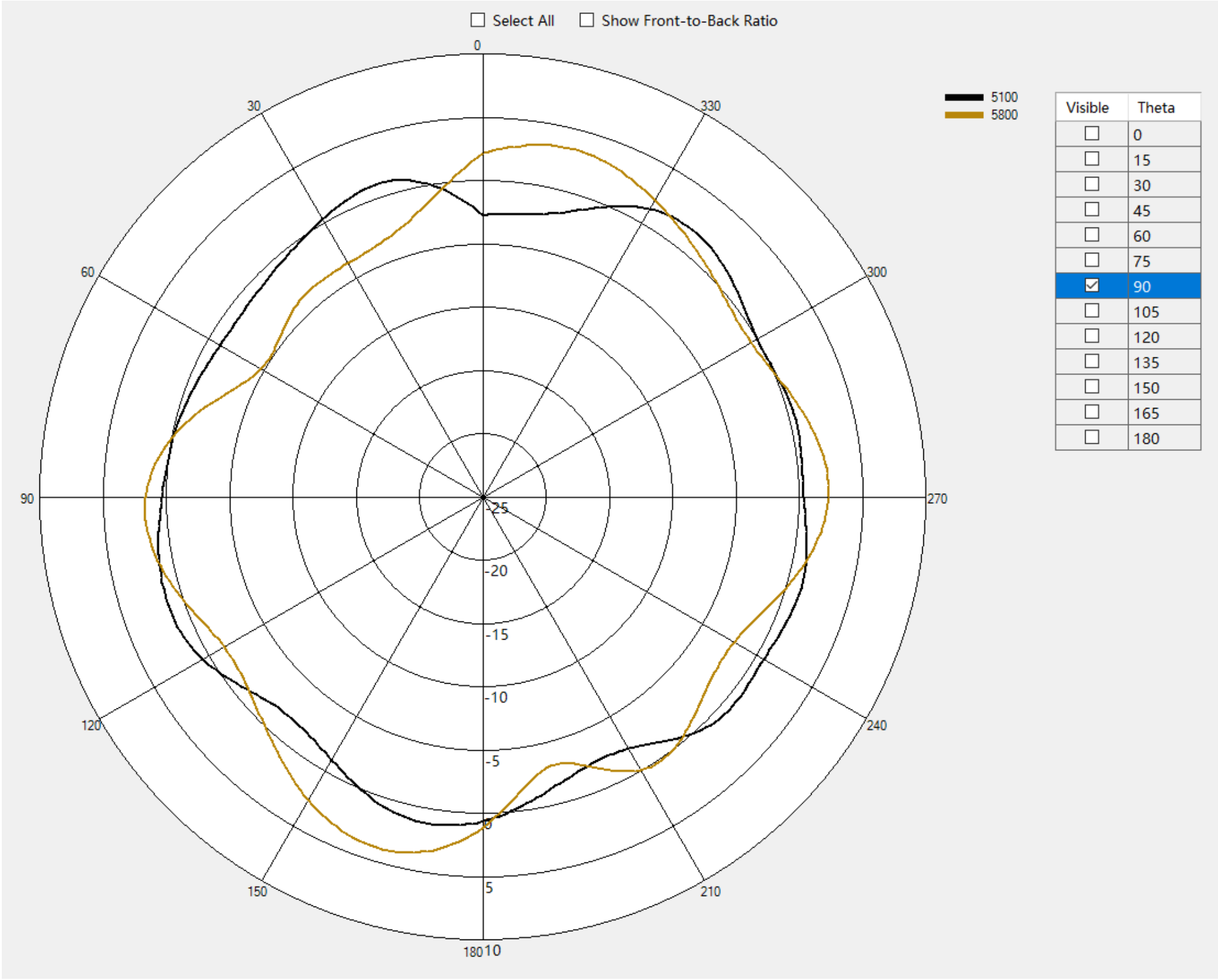
Ant2_S11



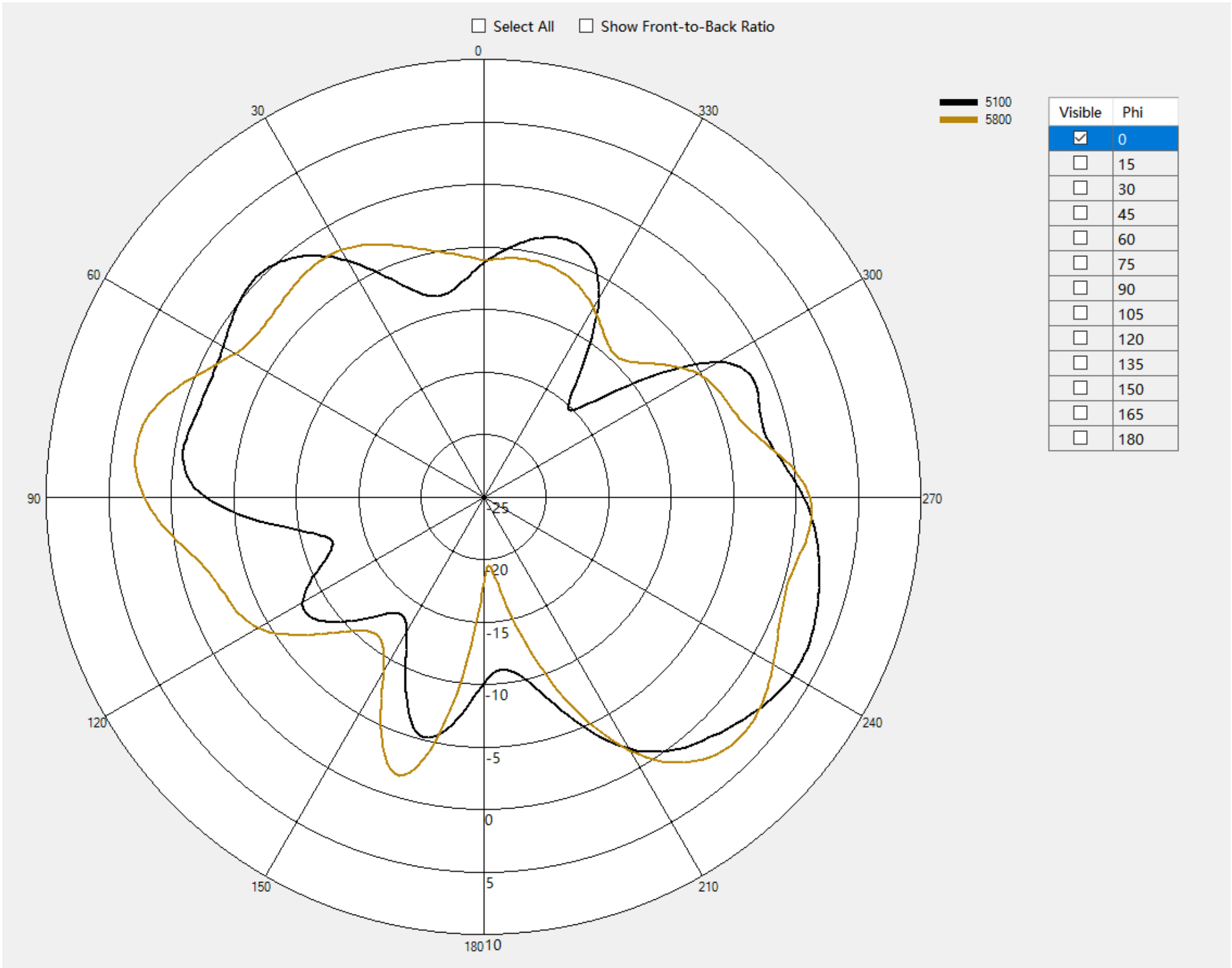
Ant2_Efficiency

Freq (MHz)	Efficiency _ dB	Efficiency _Pcent %	Peak Gain (dBi)
5100	-0.73	84.52	4.25
5150	-0.77	83.69	4.22
5200	-0.57	87.69	3.93
5250	-0.68	85.50	4.09
5300	-0.75	84.16	4.17
5350	-0.81	82.96	4.14
5400	-0.99	79.58	3.89
5450	-1.01	79.17	4.07
5500	-1.32	73.71	3.96
5550	-1.09	77.77	4.03
5600	-0.96	80.11	4.02
5650	-1.06	78.38	3.62
5700	-0.87	81.76	3.73
5750	-0.77	83.85	4.23
5800	-0.69	85.24	4.09
5850	-0.95	80.33	4.32
5900	-1.49	70.89	4.28

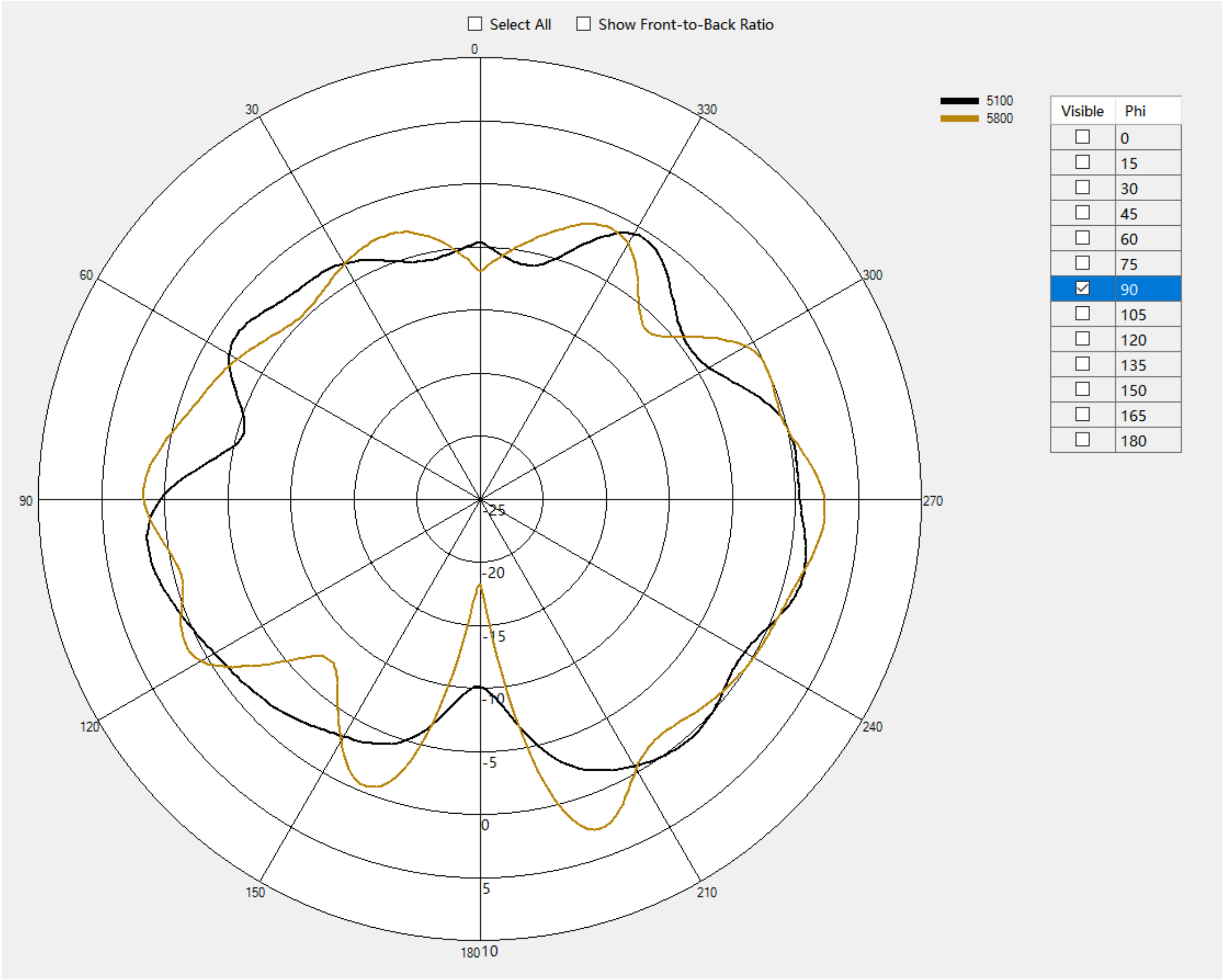
Ant2_2D_Theta90°



Ant2_2D_Phi0°

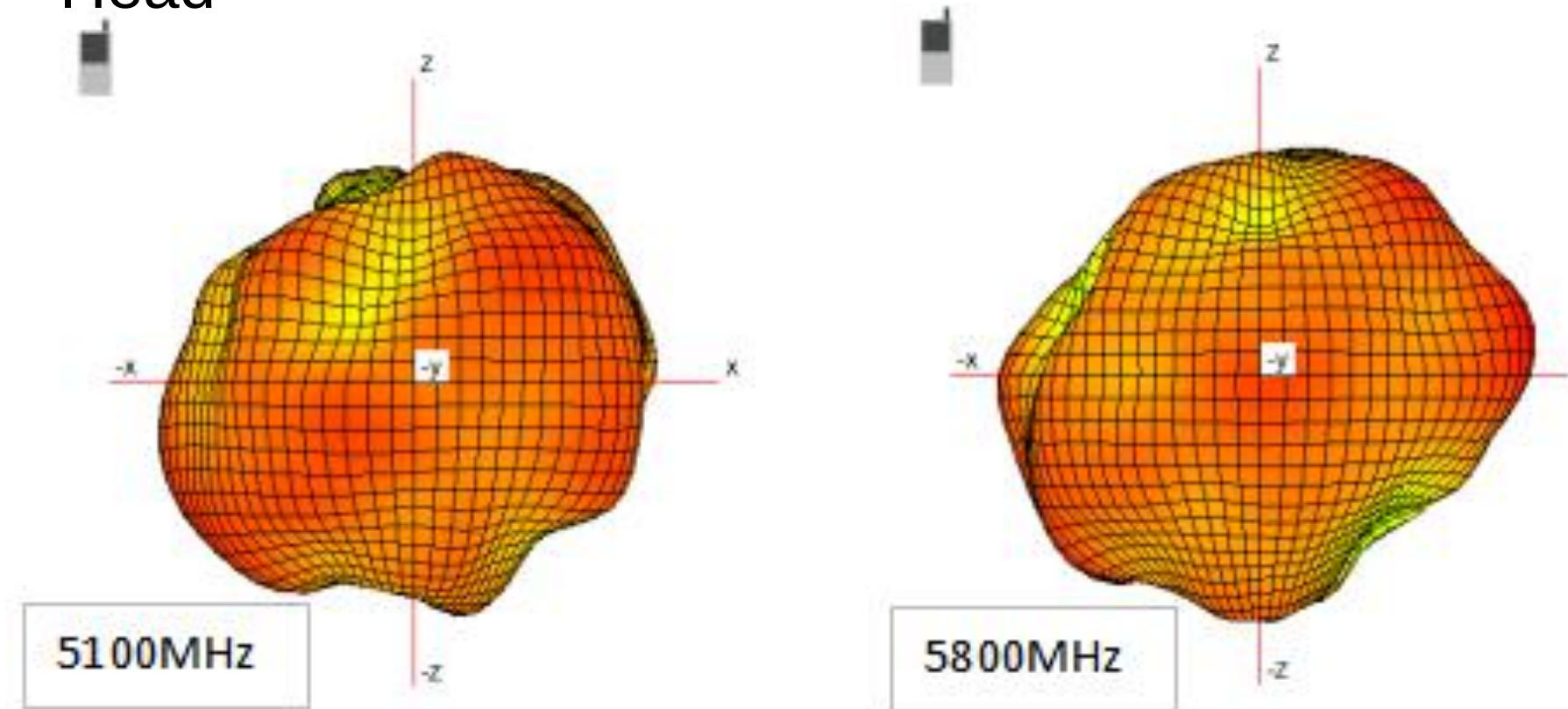


Ant2_2D_Phi90°

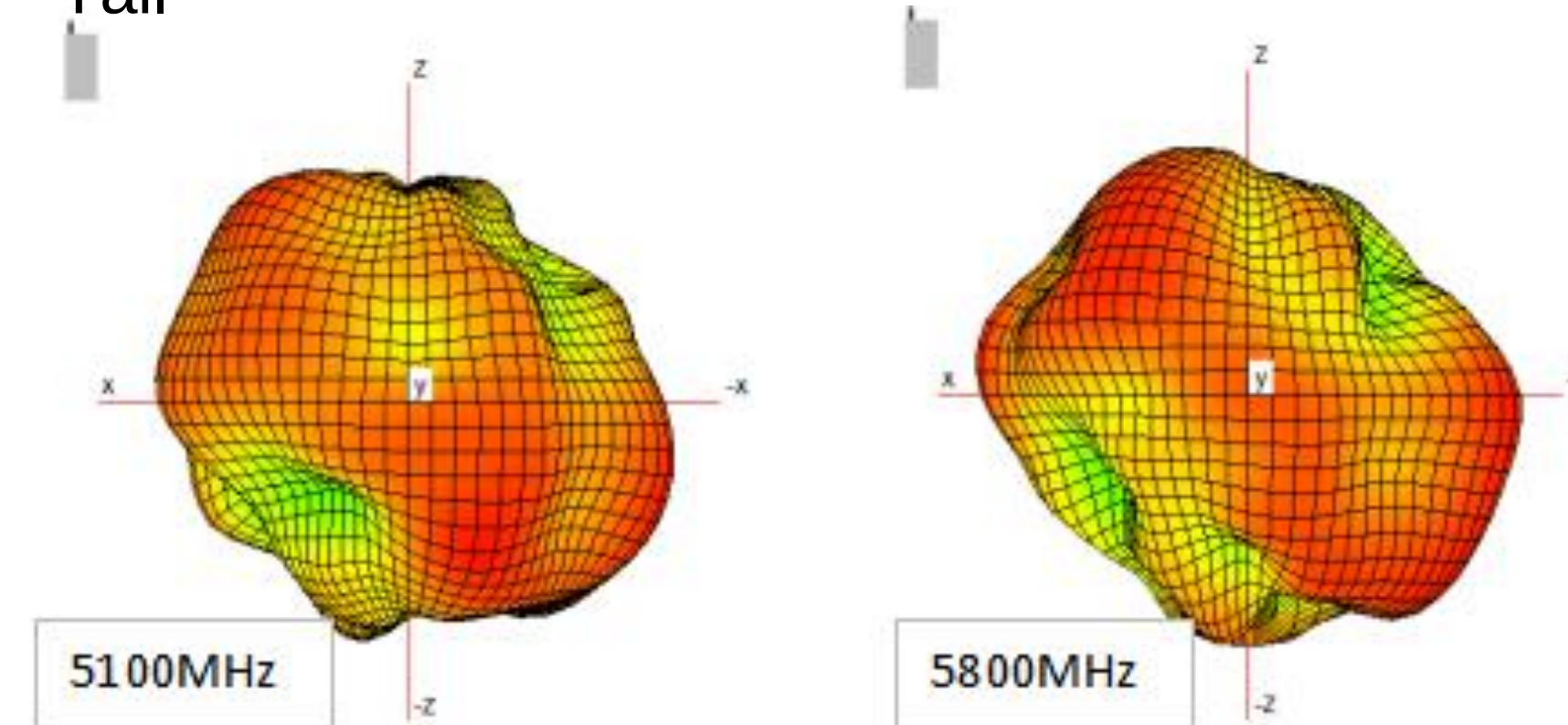


Ant2_3D

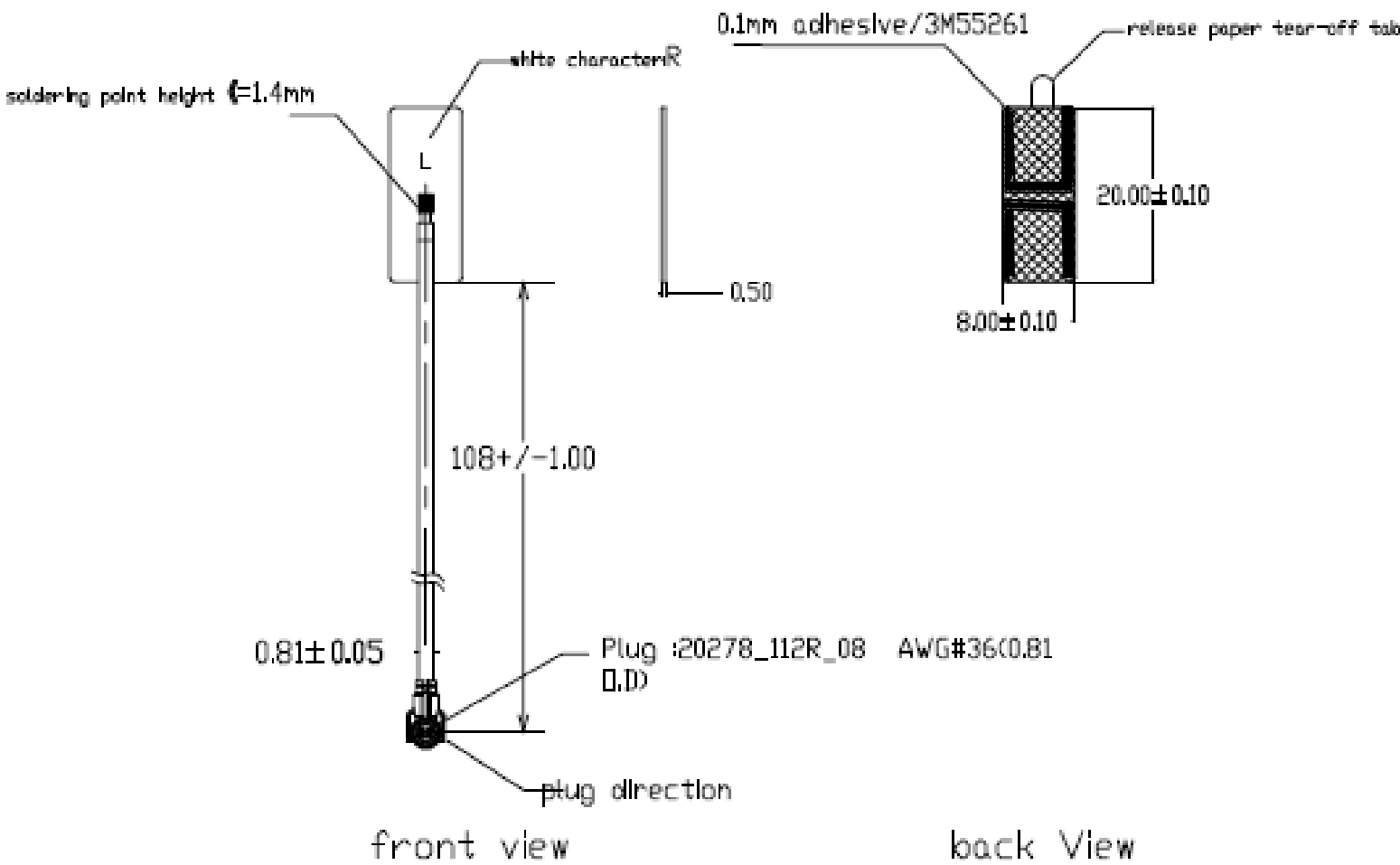
Head



Tail



Ant1

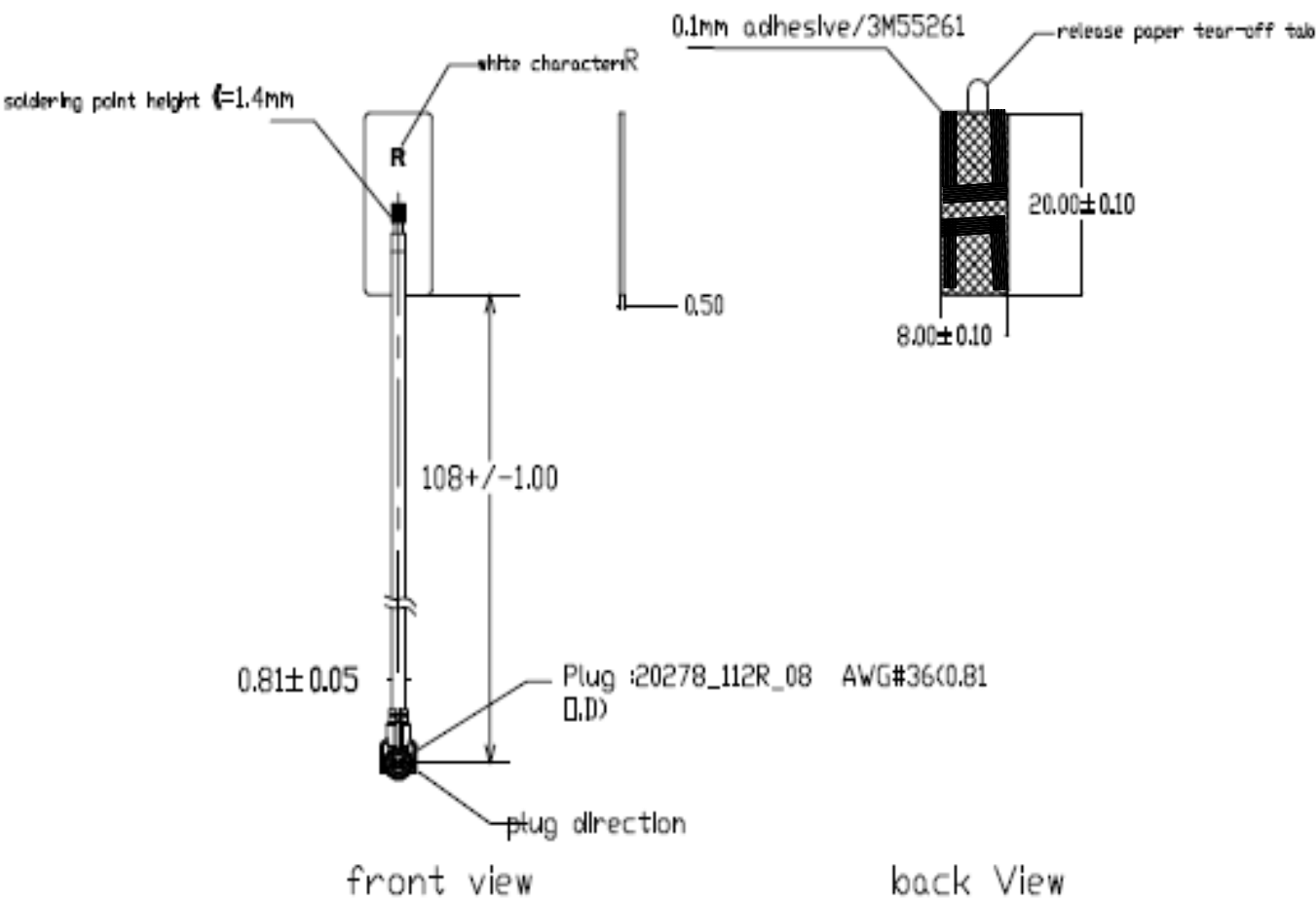


- NOTES:
- For complete documentation, this drawing must be accompanied by a 3D CAD file with 3D Rev.
 - Unspecified tolerance according to the tolerance table in drawing.
 - Substance of this part should be in accordance with ZERO ZERO relative standards.
 - The solder joints are neat and the height does not exceed 1.4mm.
 - Parts marking at the designated location.
 - It is necessary to pass various FPC tests required by HAOTONG quality department; the salt spray test requires no oxidation on the product surface after 48 hours.
 - Dimension requirements:
 - 6.1 ST dimension measure the minimum size of 500 and select any 35 products for CPK analysis.
 - 6.2 #The size is the key control size.
 7. The first batch of production randomly select 5pcs for full size measurement, report and production are delivered to HAOTONG quality department.
 8. Any modification of materials must be approved in writing by HAOTONG engineering department.
 9. Meet RoHS/REACH requirements.
 10. Ink: black, Matte.

General Tolerance (ISO 2768-1 m)			
Linear dimension	Division	<6	>6~30
	Tolerance	±0.10	±0.20
Radii & chamfers	Division	<3	>3~6
	Tolerance	±0.2	±0.5
Angular dimension	Shorter side	<10	>10~50
	Tolerance	±1°	±30°

ZERO ZERO			PROJECT	205		
			PART NAME	RIGHT ANTENNA_FPC		
			2D REV.	V1.0		
			PART NO			
			3D REV.			
			MATERIAL			
DESIGN/DATE	CHECK/DATE	APPROVED/DATE	SCALE: 1:1	SIZE: A4	SHEET: 1 OF 1	
/2025.02.19	/2025.02.19	/2025.02.19				

Ant2



- NOTES:
- For complete documentation, this drawing must be accompanied by a 3D CAD file with 3D Rev.
 - Unspecified tolerance according to the tolerance table in drawing.
 - Substance of this part should be in accordance with ZERO ZERO relative standards.
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ZERO ZERO			PROJECT	205		
			PART NAME	RIGHT ANTENNA_FPC		
			2D REV.	V1.0		
			PART NO			
			3D REV.			
			MATERIAL			
DESIGN/DATE	CHECK/DATE	APPROVED/DATE	SCALE: 1:1	SIZE: A4	SHEET: 1 OF 1	
/2025.02.19	/2025.02.19	/2025.02.19				

Manufacturer(生产商) :

Shanghai Amphenol Airwave Communication Electronics Co., Ltd.
上海安费诺永亿通讯电子有限公司

Manufacturer Address (生产商地址)

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