

205 Antenna Specification

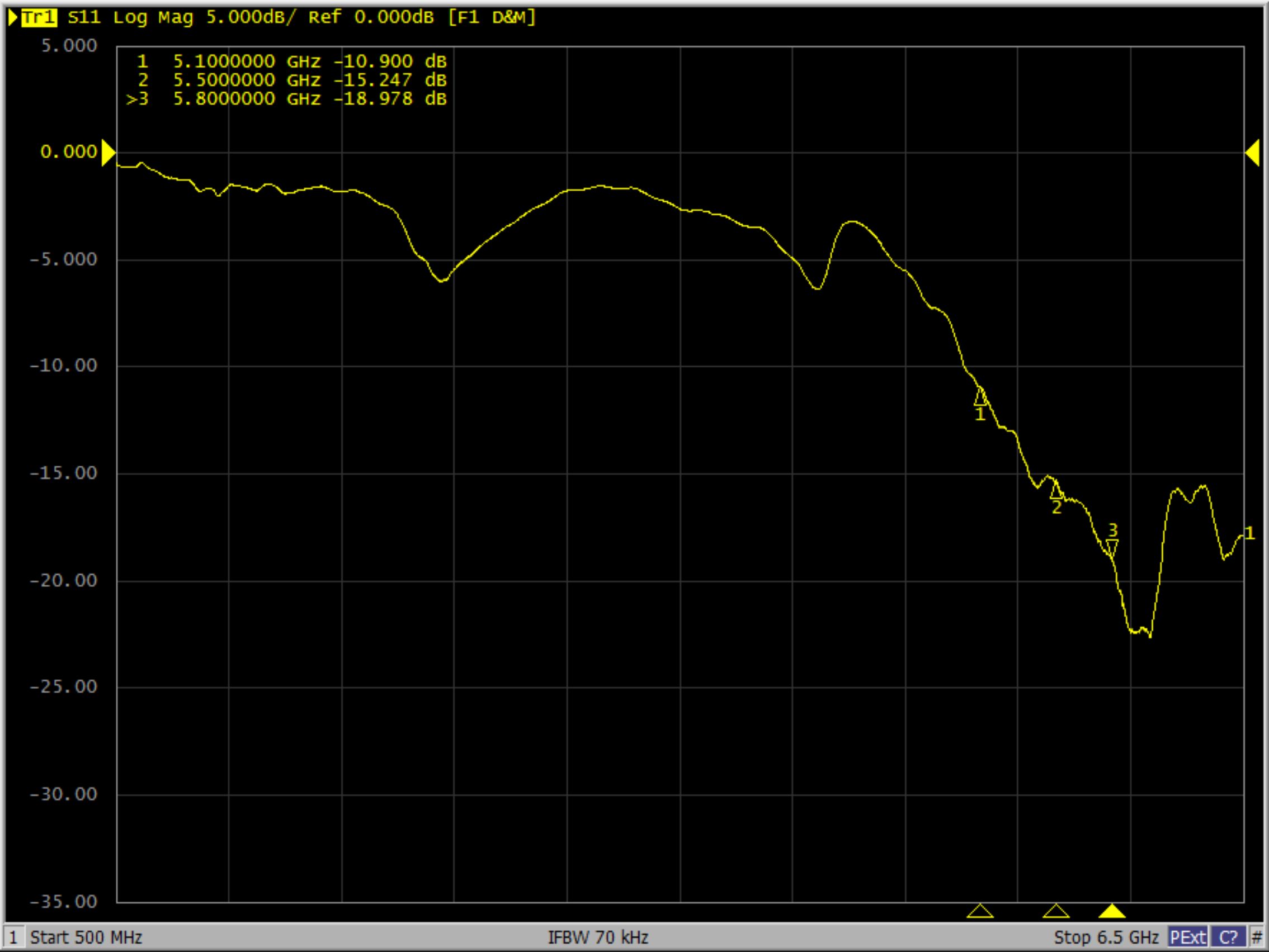
20250220

Ant1

Ant2



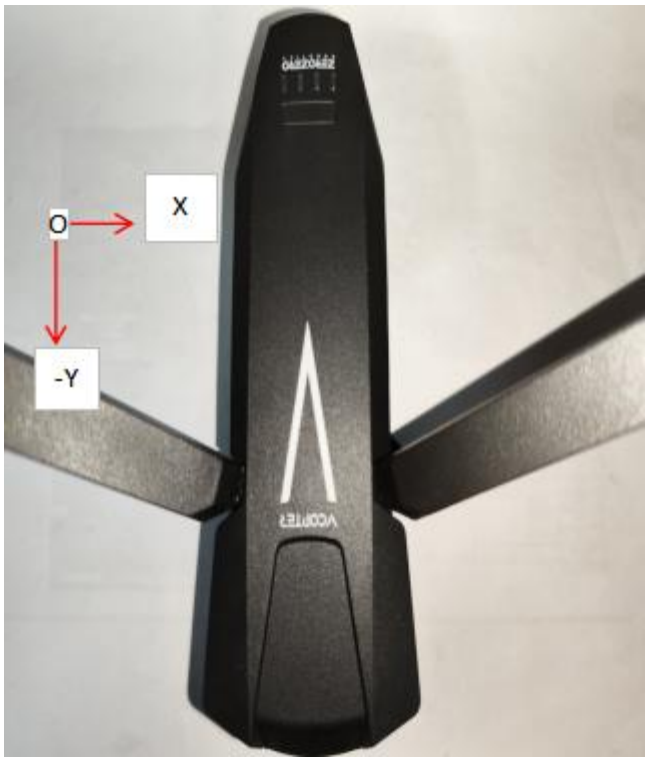
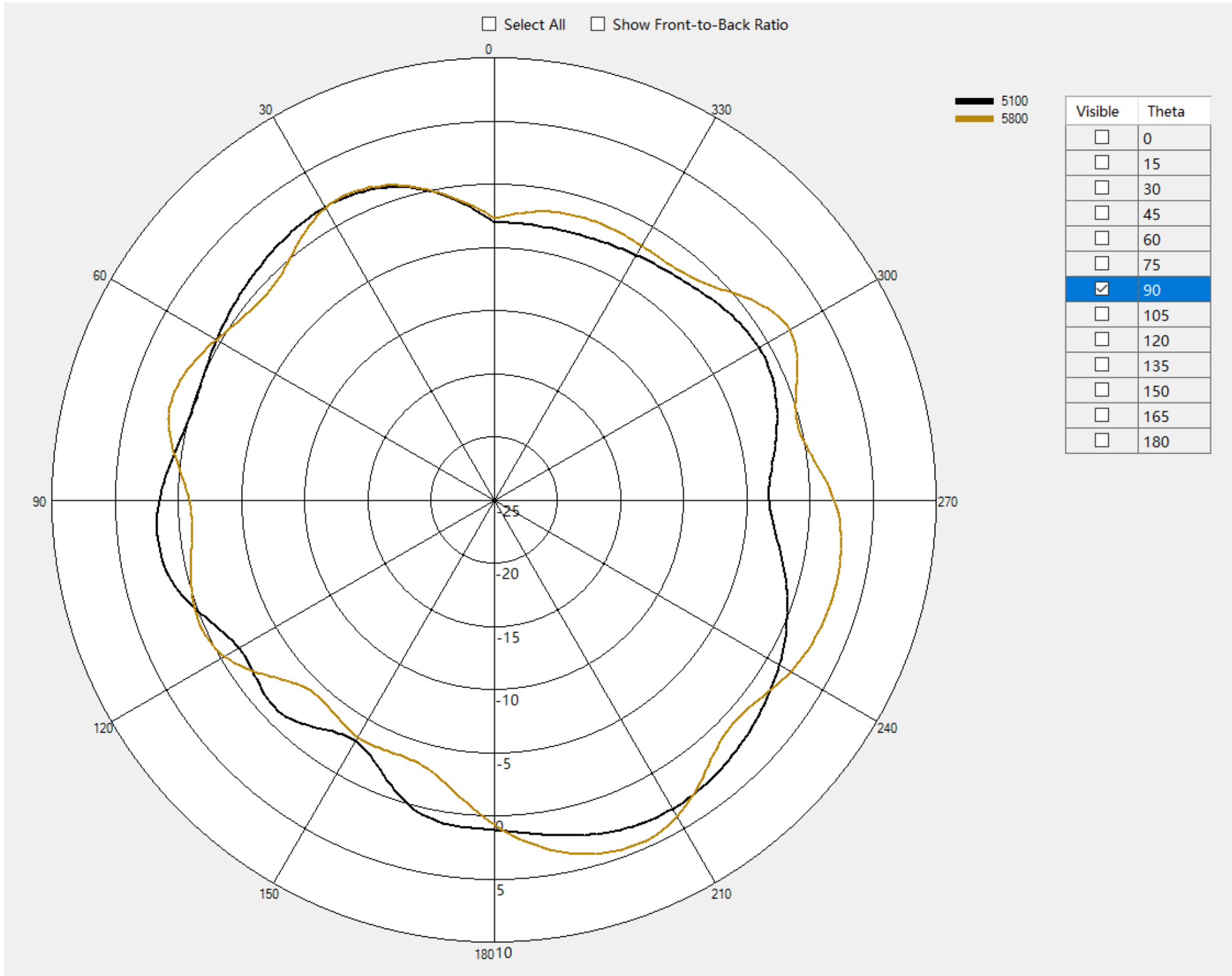
Ant1_S11



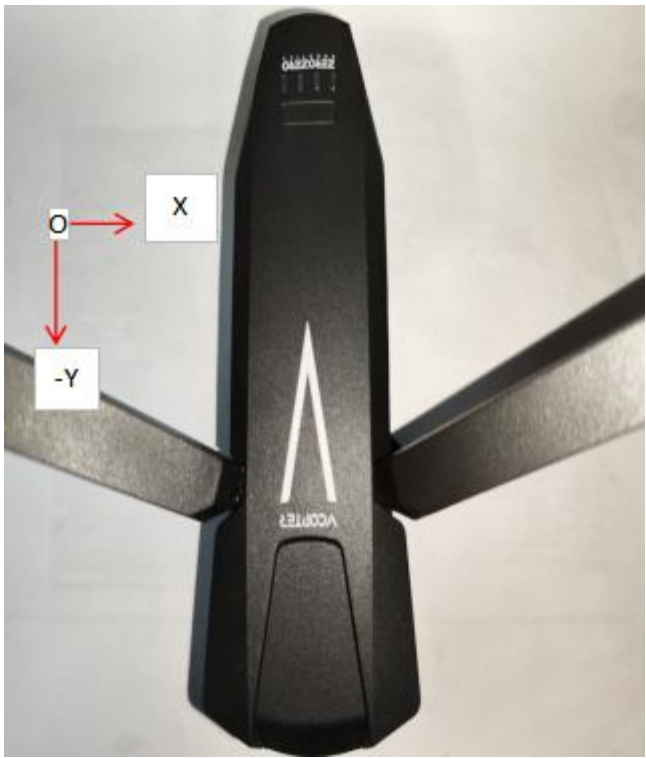
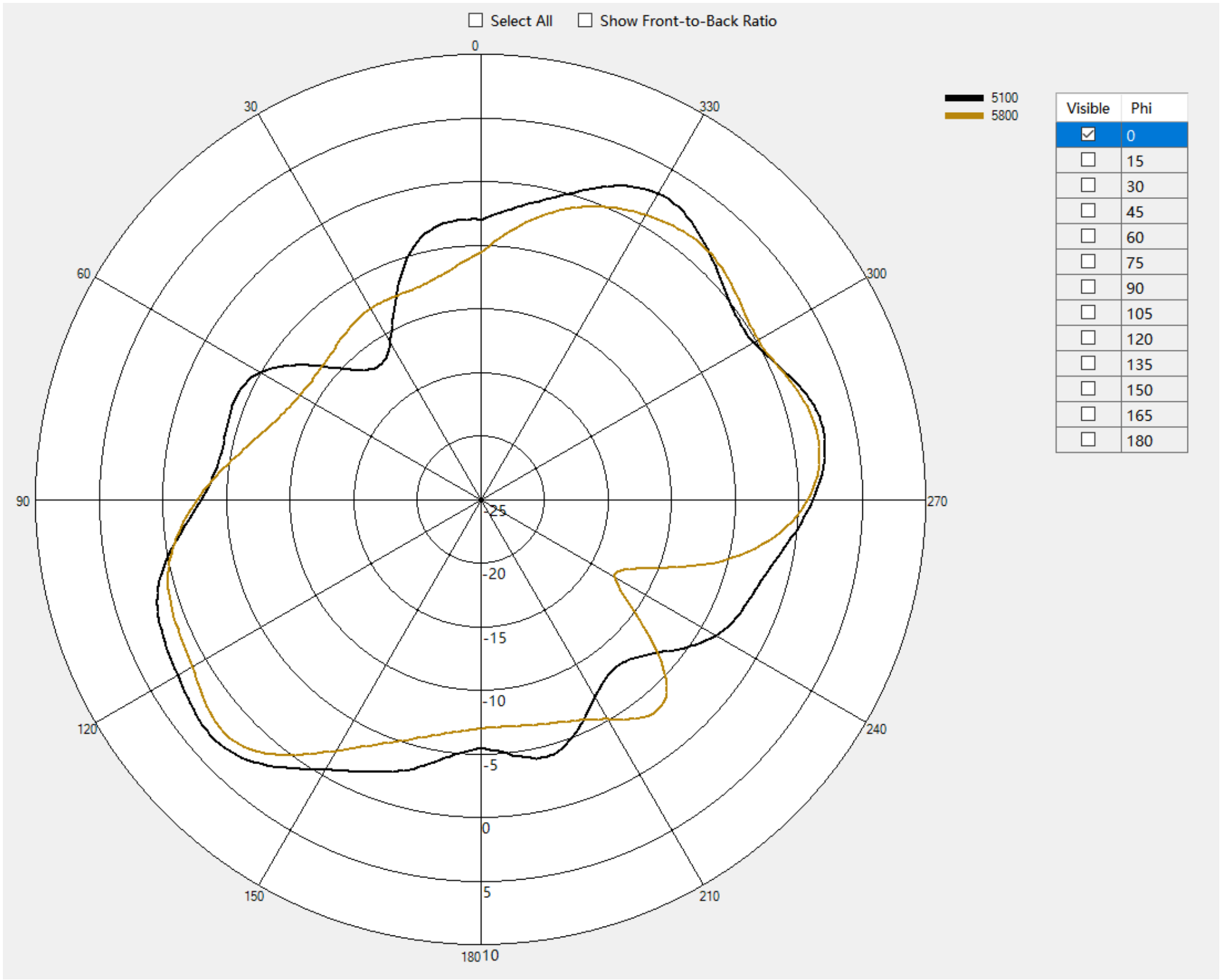
Ant1_Efficiency

Freq	Efficiency _ dB	Efficiency _Pcent	Peak Gain
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

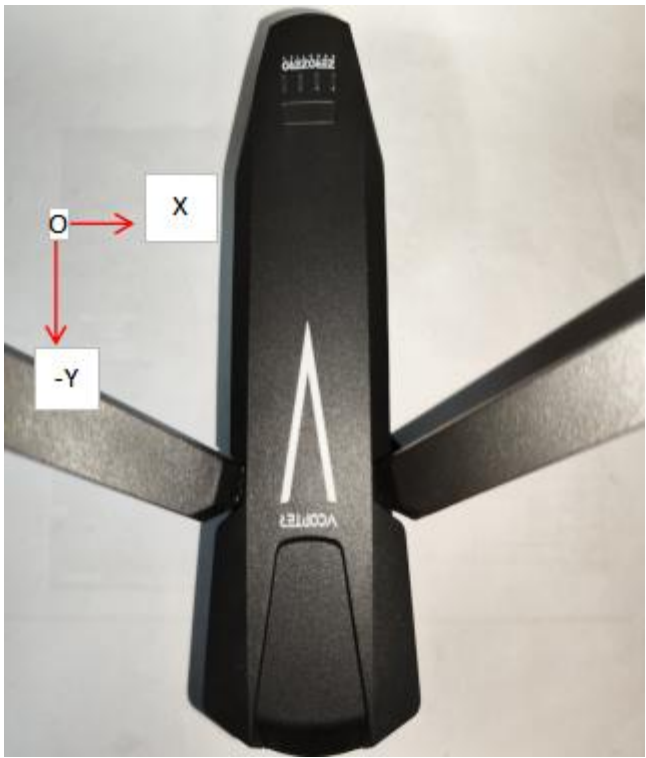
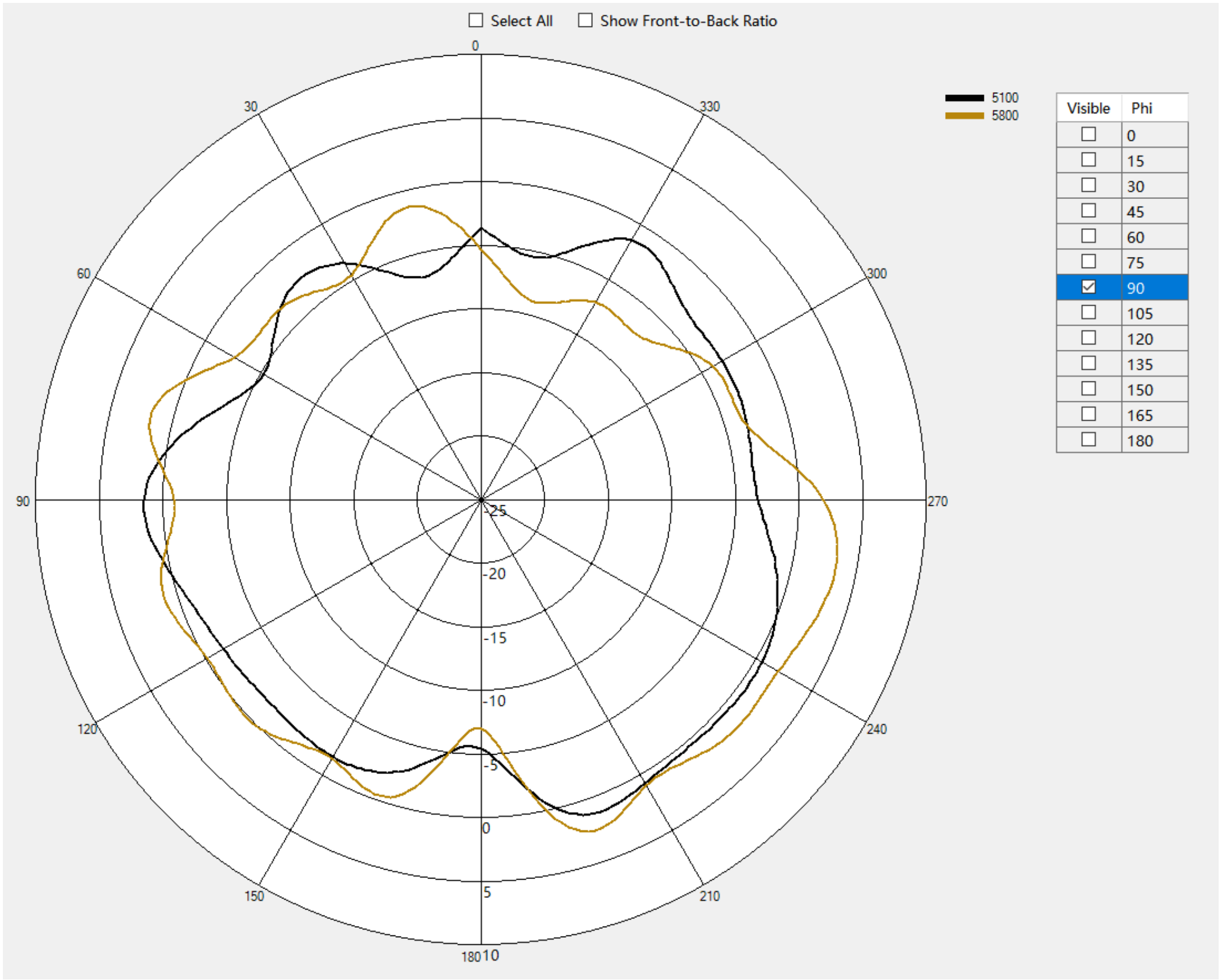
Ant1_2D_Theta90°



Ant1_2D_Phi0°

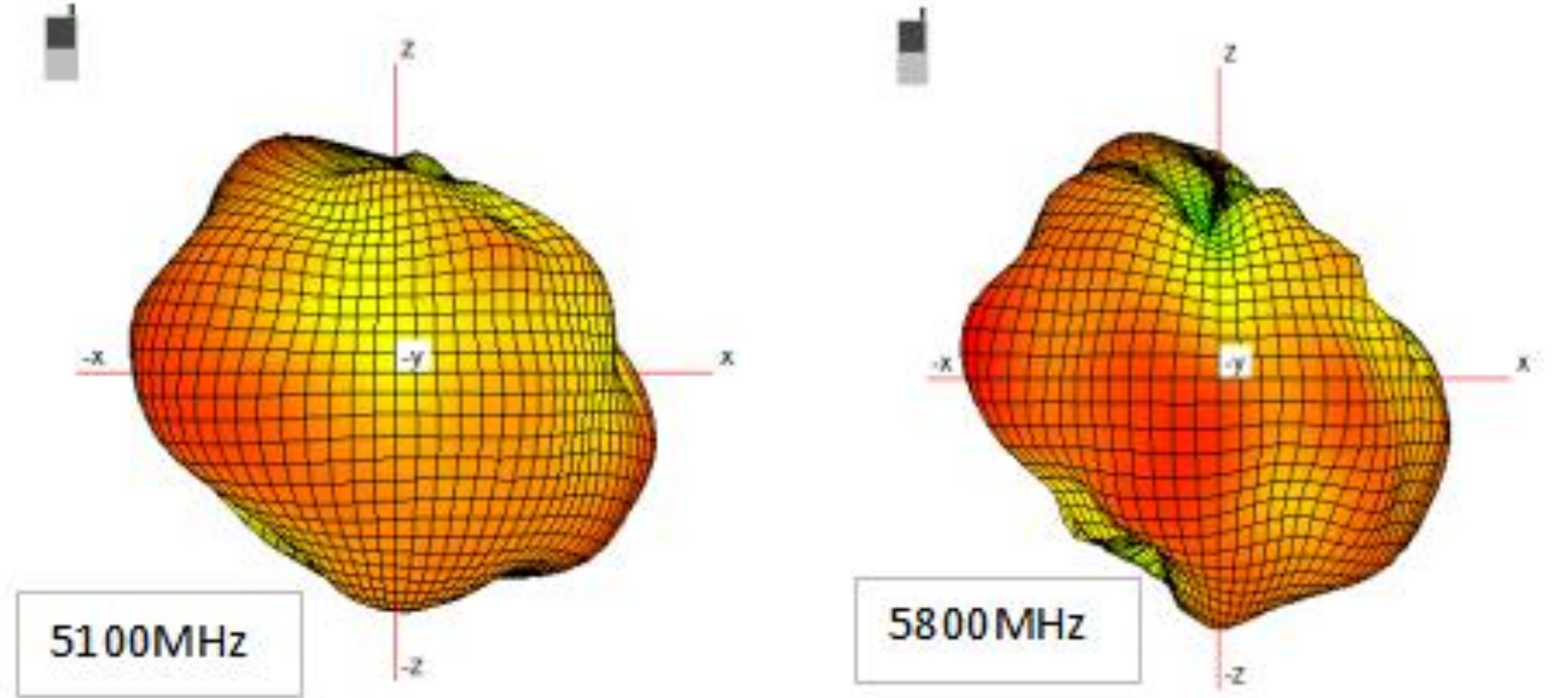


Ant1_2D_Phi90°

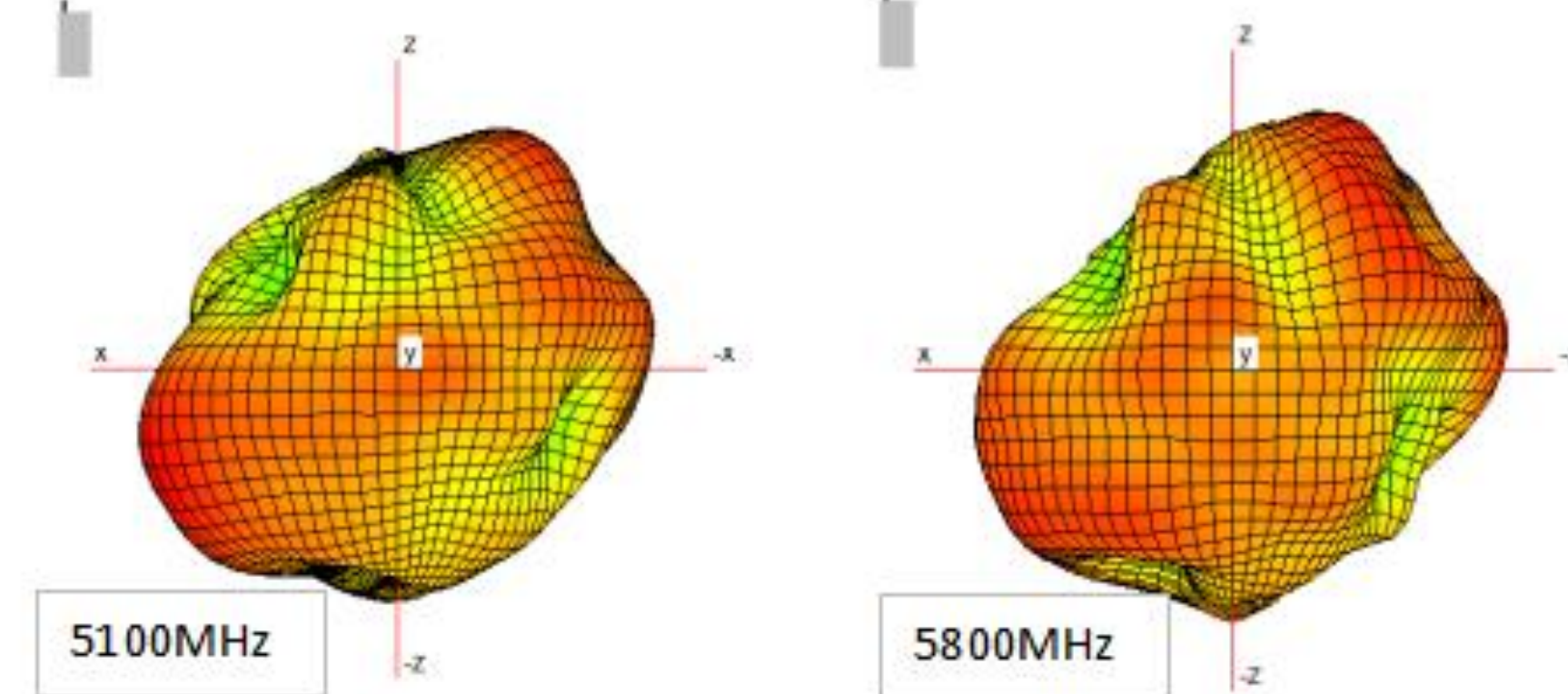


Ant1_3D

Head



Tail



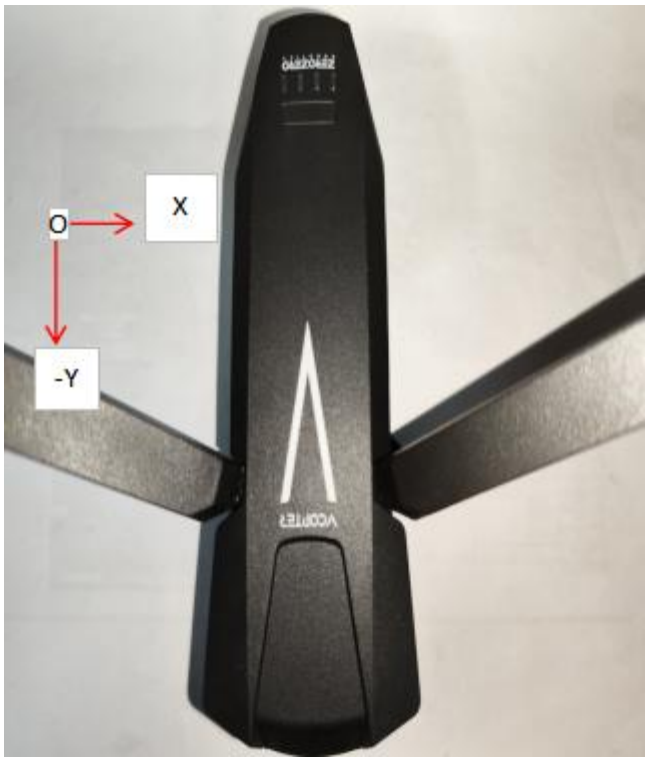
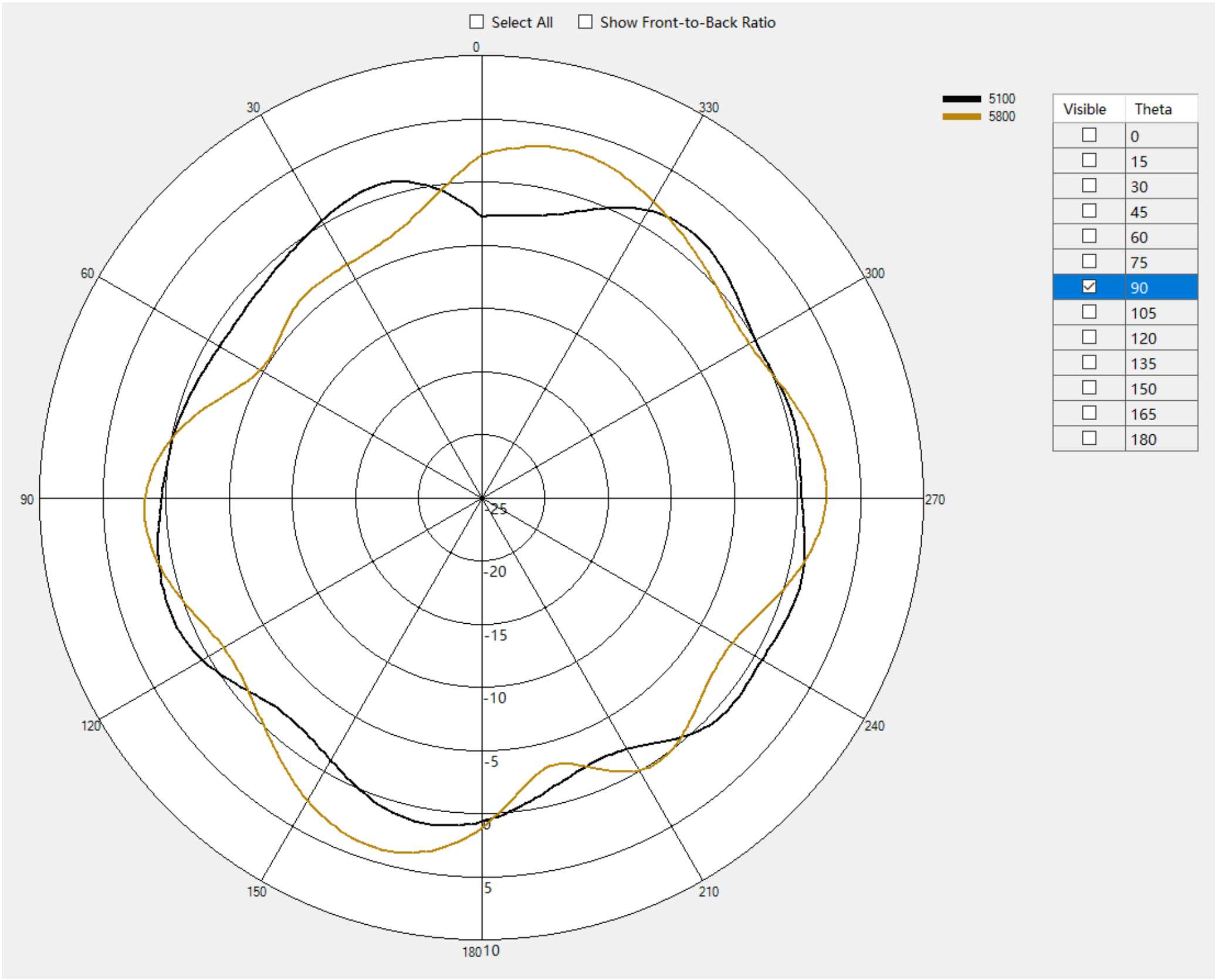
Ant2_S11



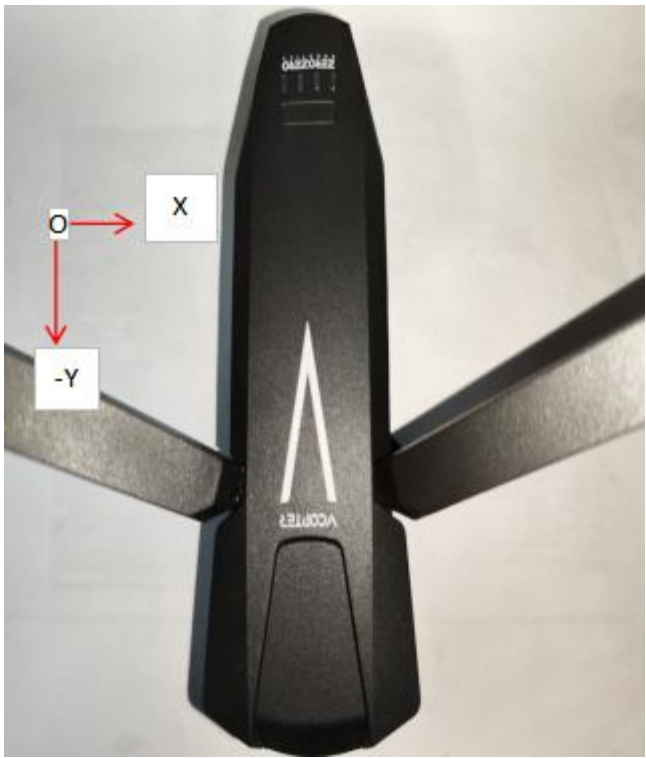
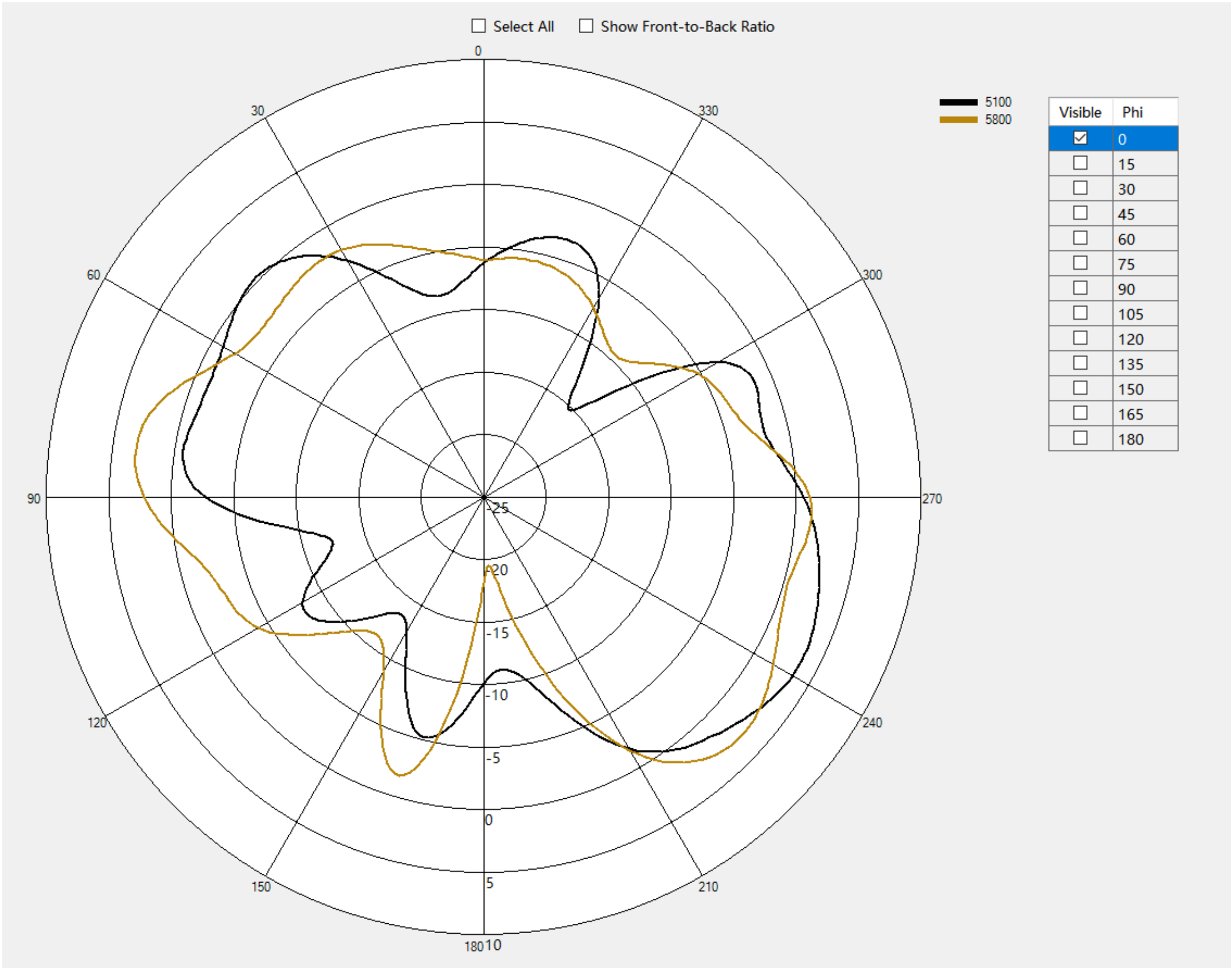
Ant2_Efficiency

Freq	Efficiency _ dB	Efficiency _Pcent	Peak Gain
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

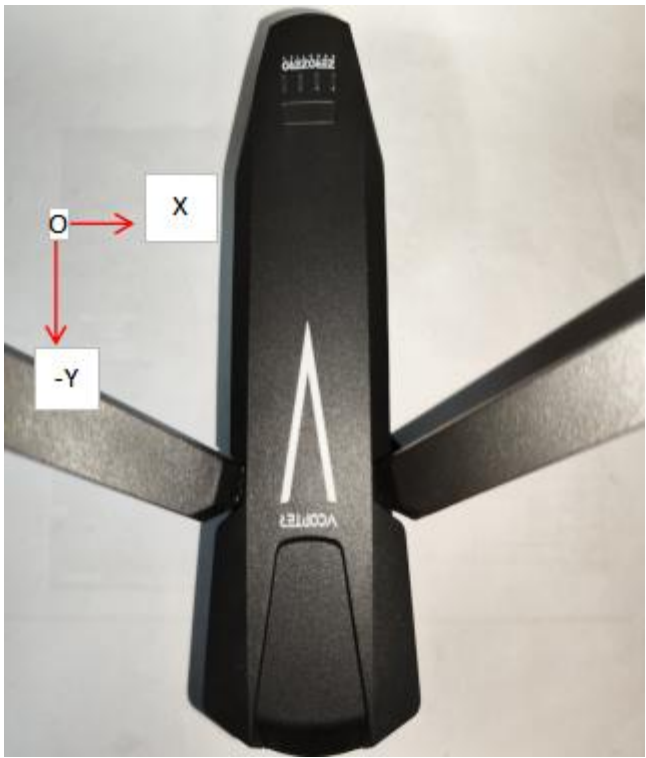
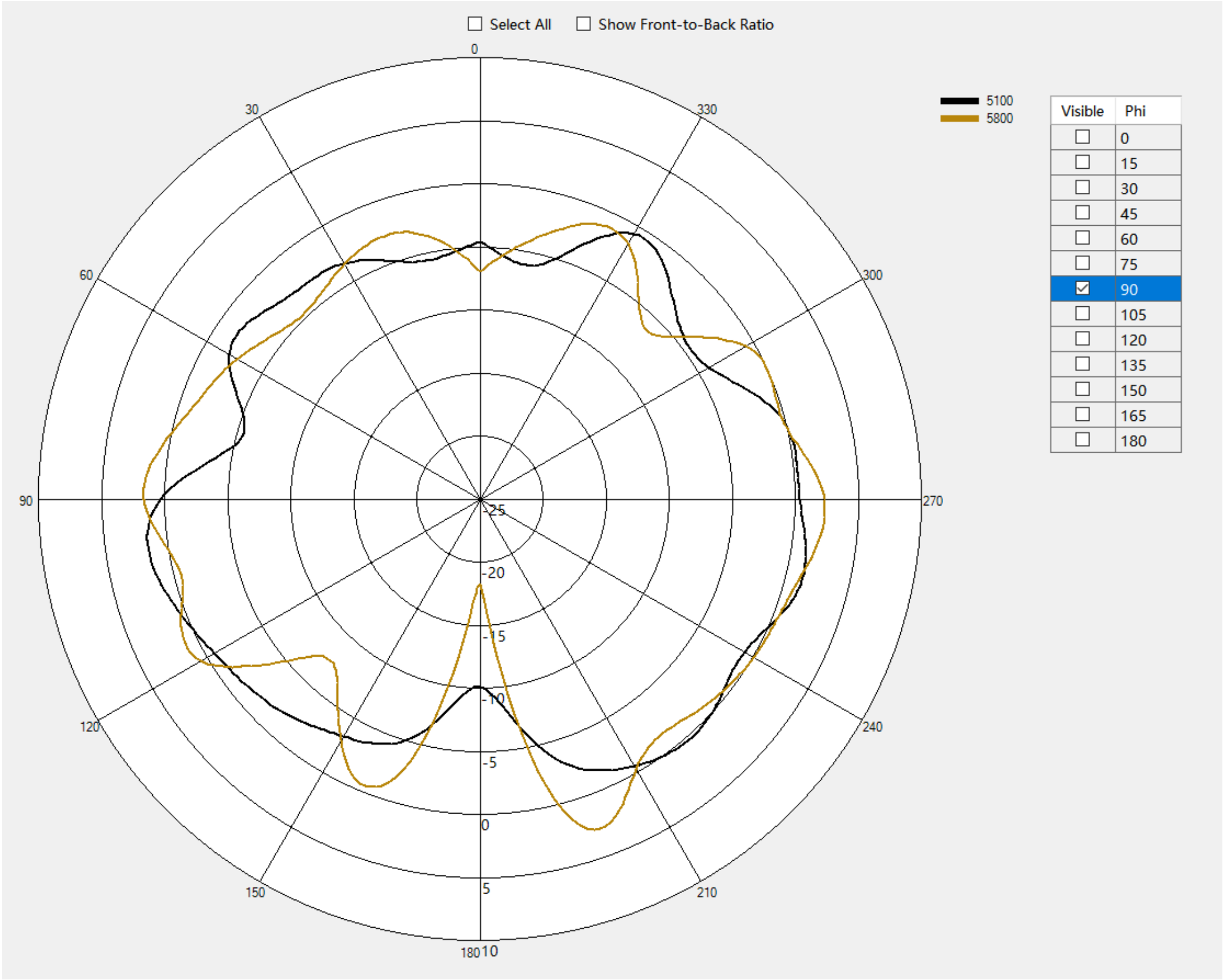
Ant2_2D_Theta90°



Ant2_2D_Phi0°

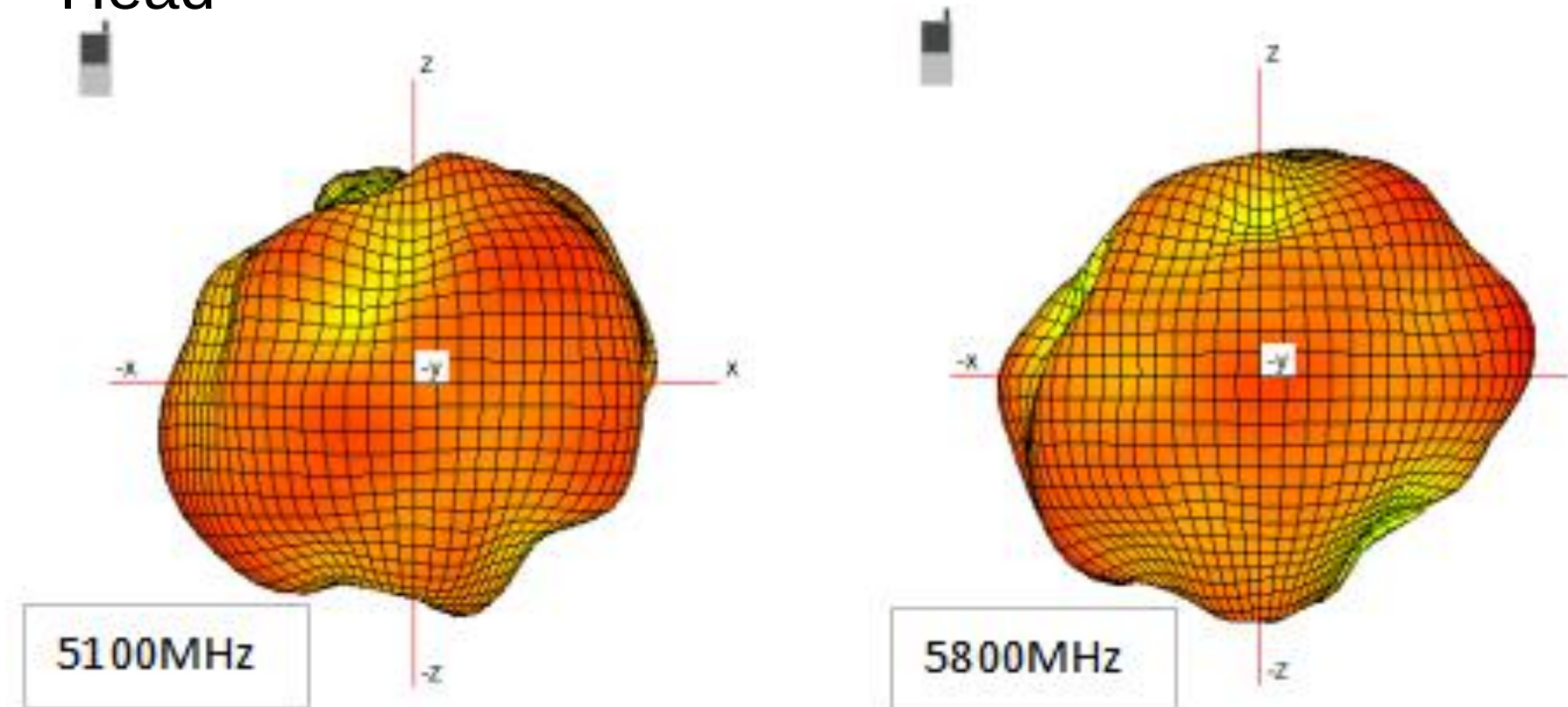


Ant2_2D_Phi90°

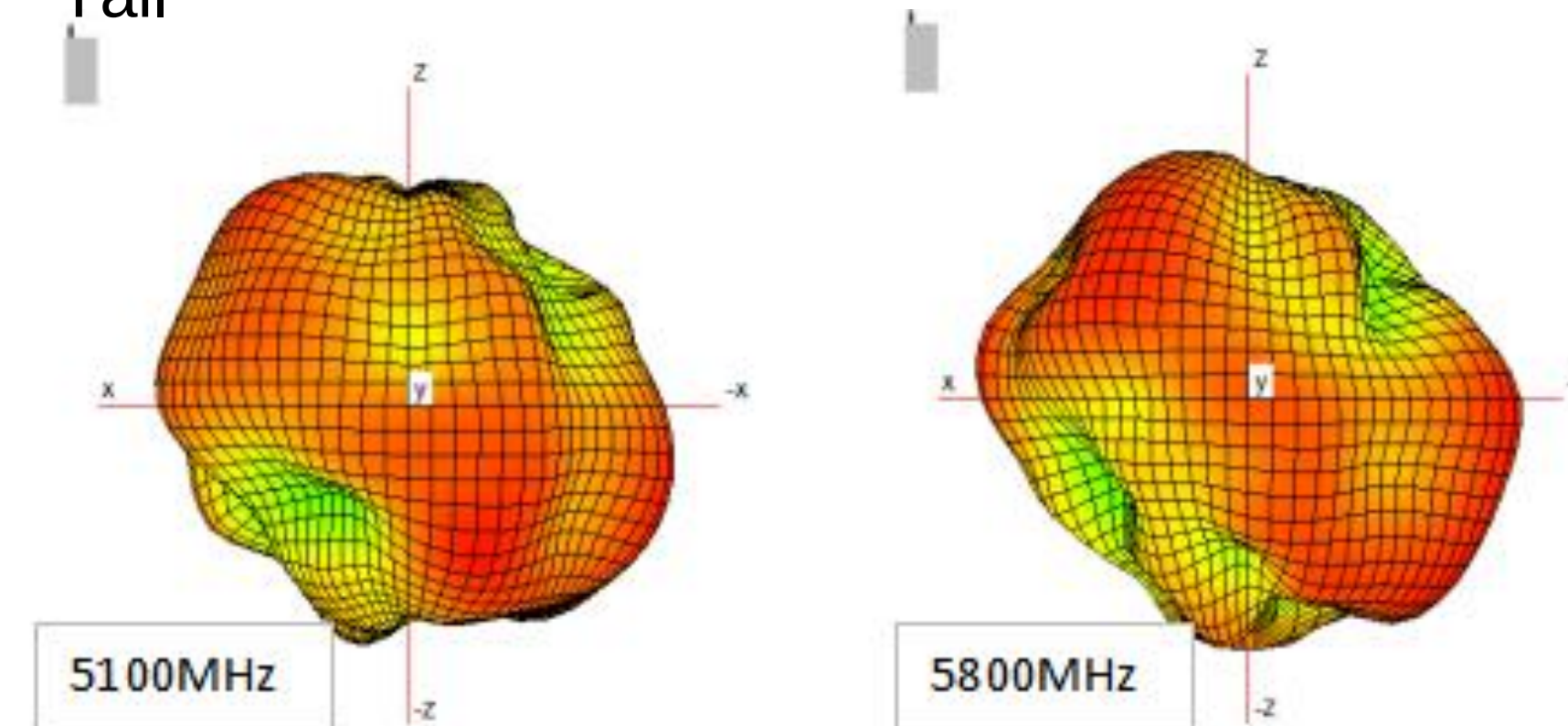


Ant2_3D

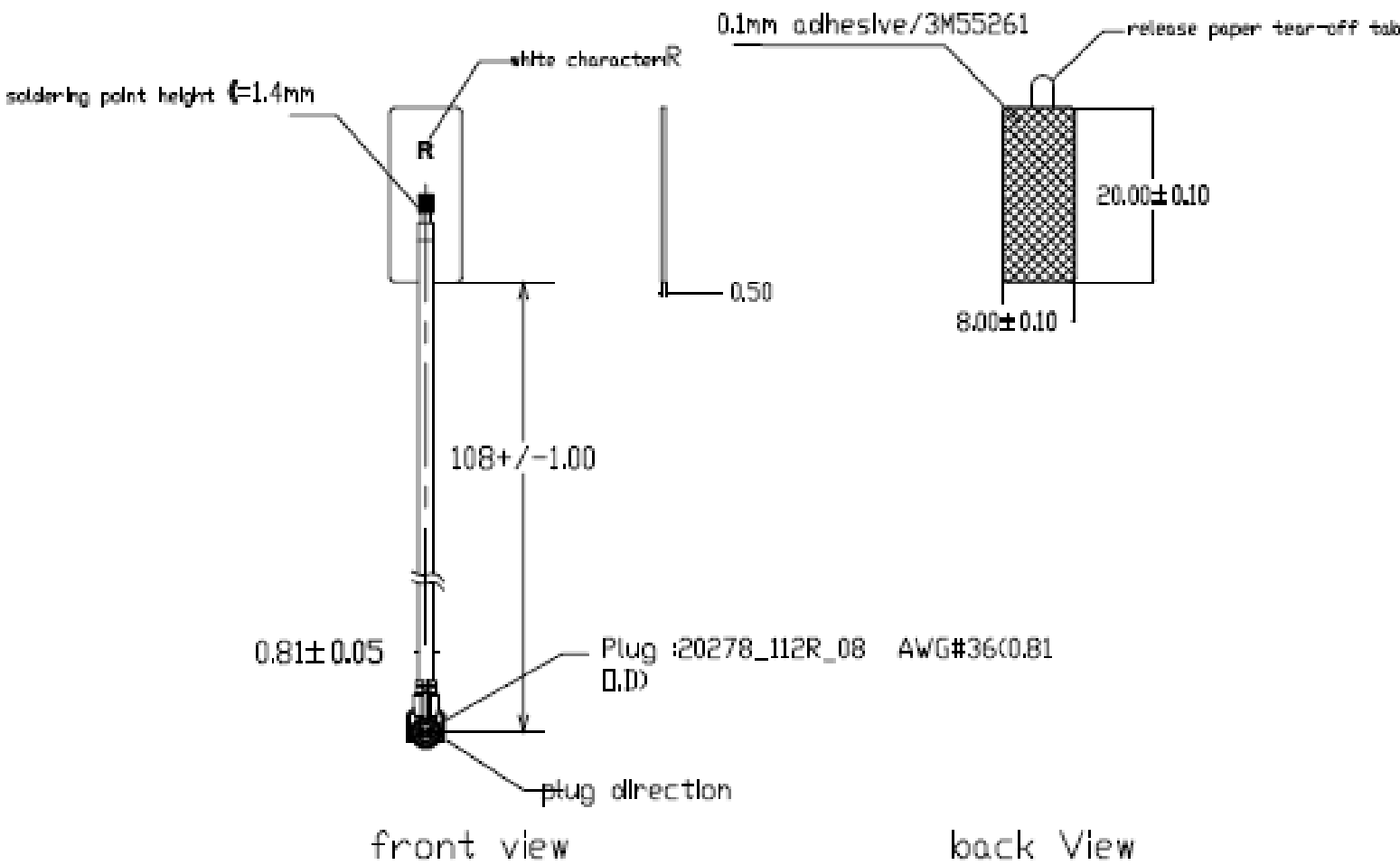
Head



Tail



Ant1

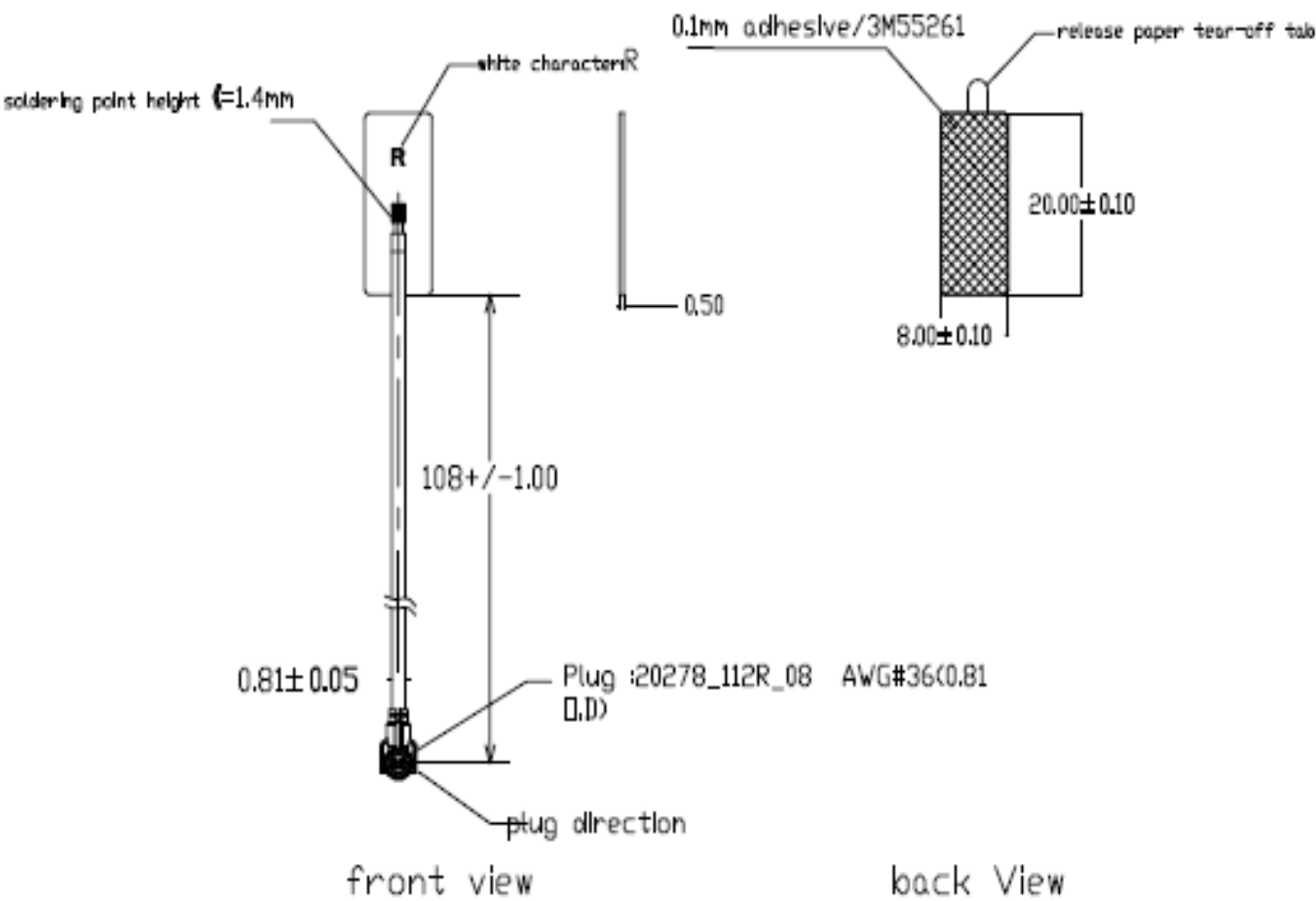


NOTES:
1. For complete documentation, this drawing must be accompanied by a 3D CAD file with 3D Rev.
2. Unspecified tolerance according to the tolerance table in drawing.
3. Substance of this part should be in accordance with ZERO ZERO relative standards.
4. The solder joints are neat and the height does not exceed 1.4mm.
5. Parts marking at the designated location.
6. 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.
7. 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/HF/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°

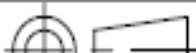
ZERO ZERO			PROJECT	205	
			PART NAME	RIGHT ANTENNA_FPC	
UNIT/MM	THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO ZERO ZERO AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT ZERO ZERO'S CONSENT.		2D REV.	V1.0	
PART NO					
3D REV.					
 THIRD ANGLE SYSTEM			MATERIAL		
DESIGN/DATE	CHECK/DATE	APPROVED/DATE			
/2025.02.19	/2025.02.19	/2025.02.19	SCALE: 1:1	SIZE: A4	SHEET: 1 OF 1

Ant2



NOTES:
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Angular dimension	Shorter side	<10	>10~50
	Tolerance	±1°	±30°

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

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)

No. 689 Shen Nan Rd, Xin Zhuang Industry Park Shanghai 201108
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