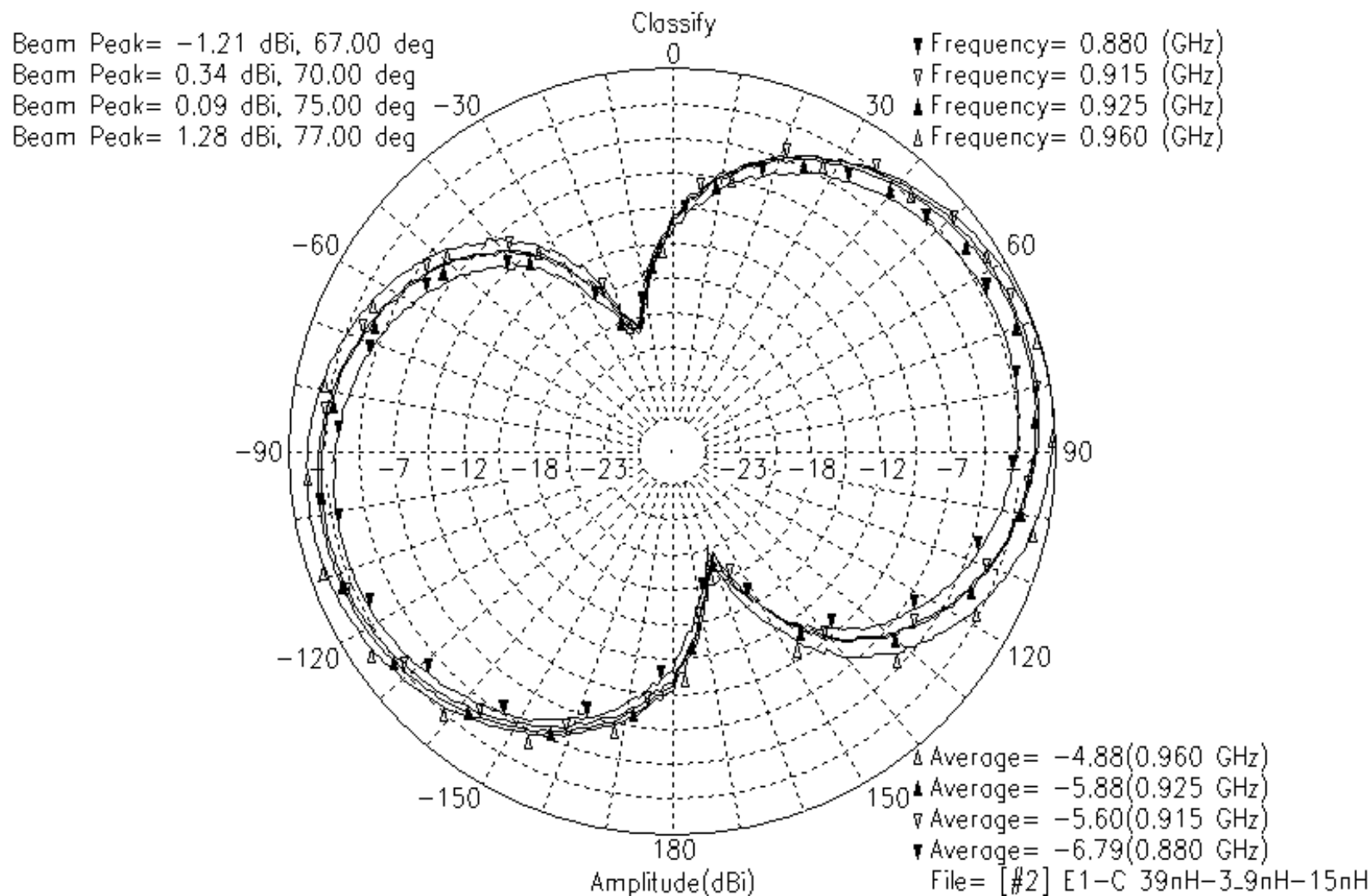




Specification Sheet		Approval	Prepared	Review	Confirm	Approval
			/	/	/	/
Model	G310	REV.		IR		
No		Page		1 of 1		
Name	JIN TAE KIM	Date		2003. 8. 29		
Electrical Spec						
Frequency Range (GHz)			GSM		PCS	
			0.88 – 0.96		1.85 – 1.99	
V.S.W.R (Less than)		Band (GHz)	TX	RX	TX	RX
			0.88-0.915	0.925-0.96	1.85-1.91	1.93-1.99
		FC	4.5	3.0	3.0	3.5
Gain(dBi) (Peak Gain , More Than)		FO	3.5	2.5	2.5	2.5
		FC	-5.5	-3.5	-3.5	-4.0
		FO	-3.0	-1.5	-1.5	-1.5
Nominal Impedance		50 ohms				
Polarization		Vertical				
Max Input power		2 Watt				
Mechanical Spec						
Length		29.0 ±1.0 mm				
Weight		2.0 g				
Connector type		CONTACT PIN				
Cover material		PC(HF-1023IM)				
Swivel Torque		More Than 3Kgf				
Pulling force		More Than 10Kgf				
Temperature Range		-20 +70				
Other						

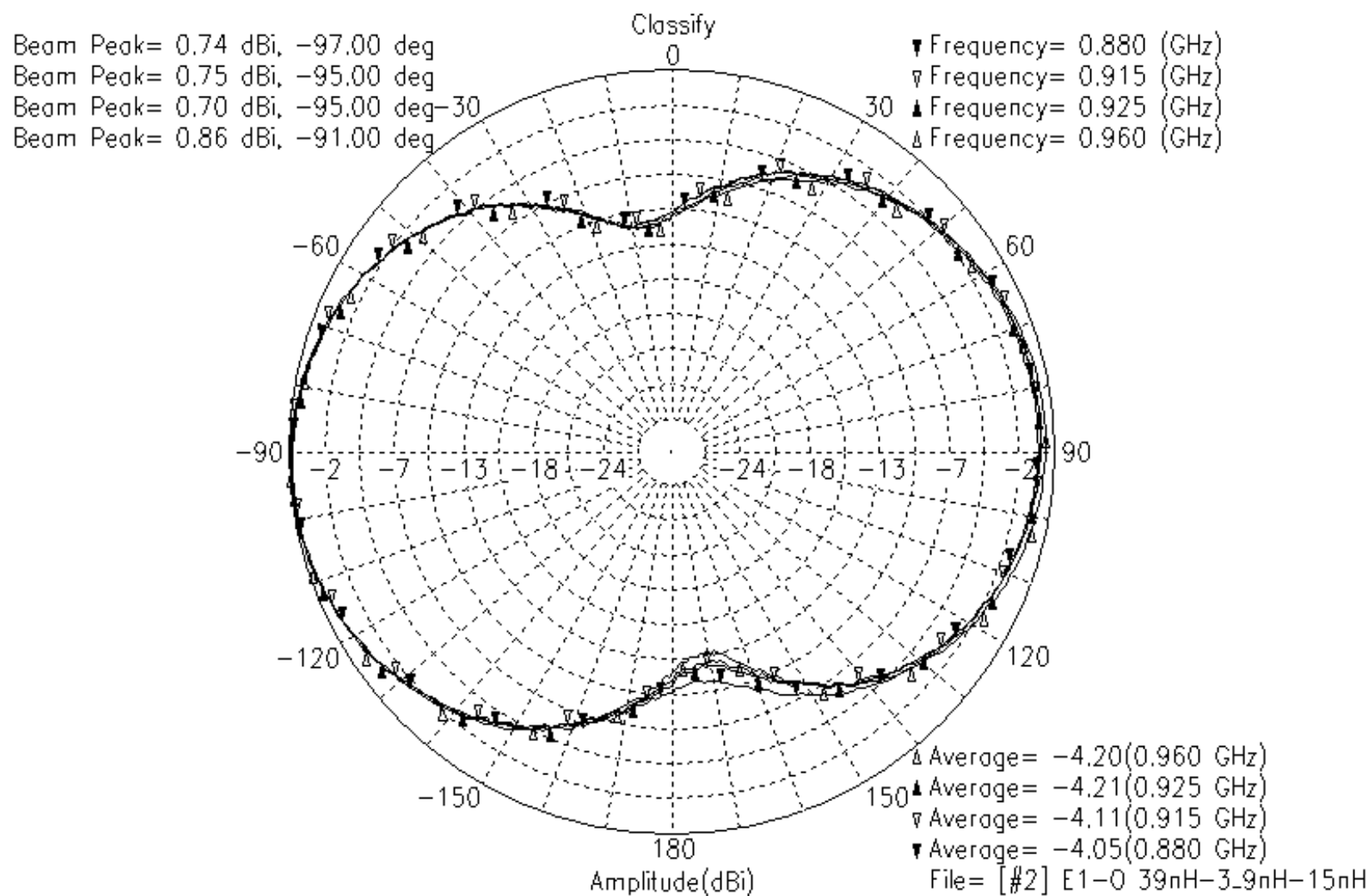
Antenna Radiation Pattern

GSM-E1-FOLDER CLOSED



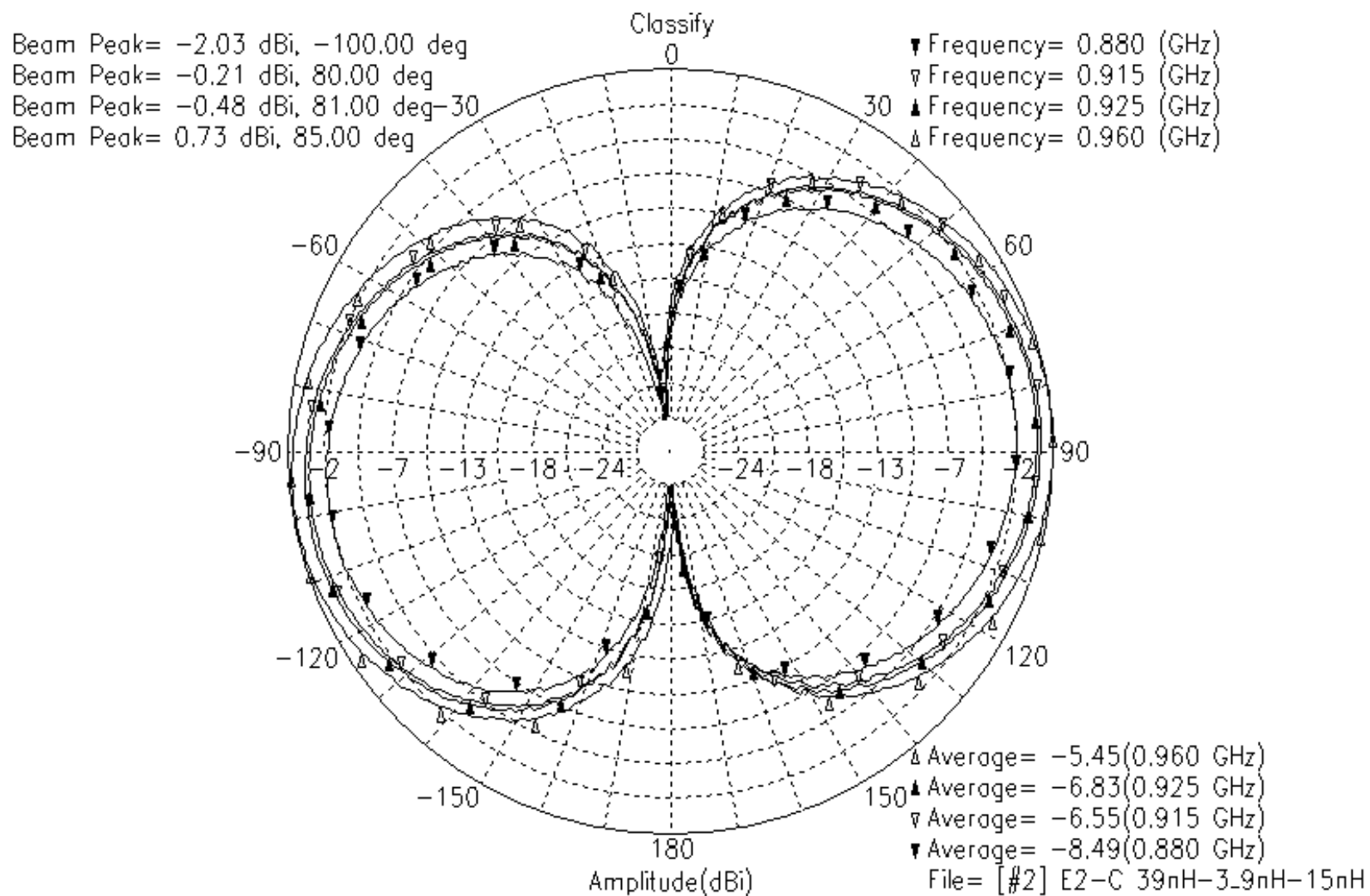
Antenna Radiation Pattern

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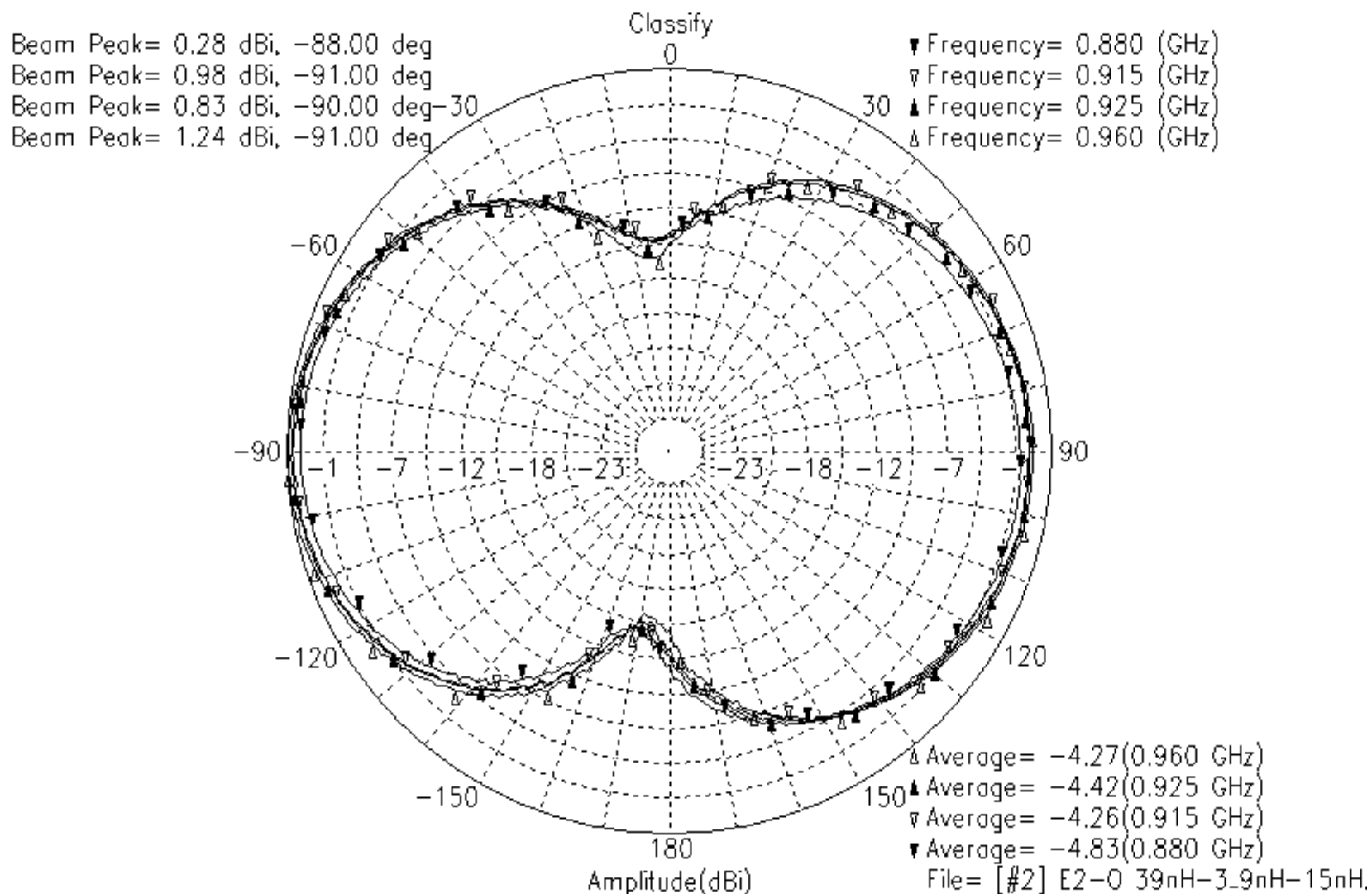
Antenna Radiation Pattern

GSM-E2-FOLDER CLOSED



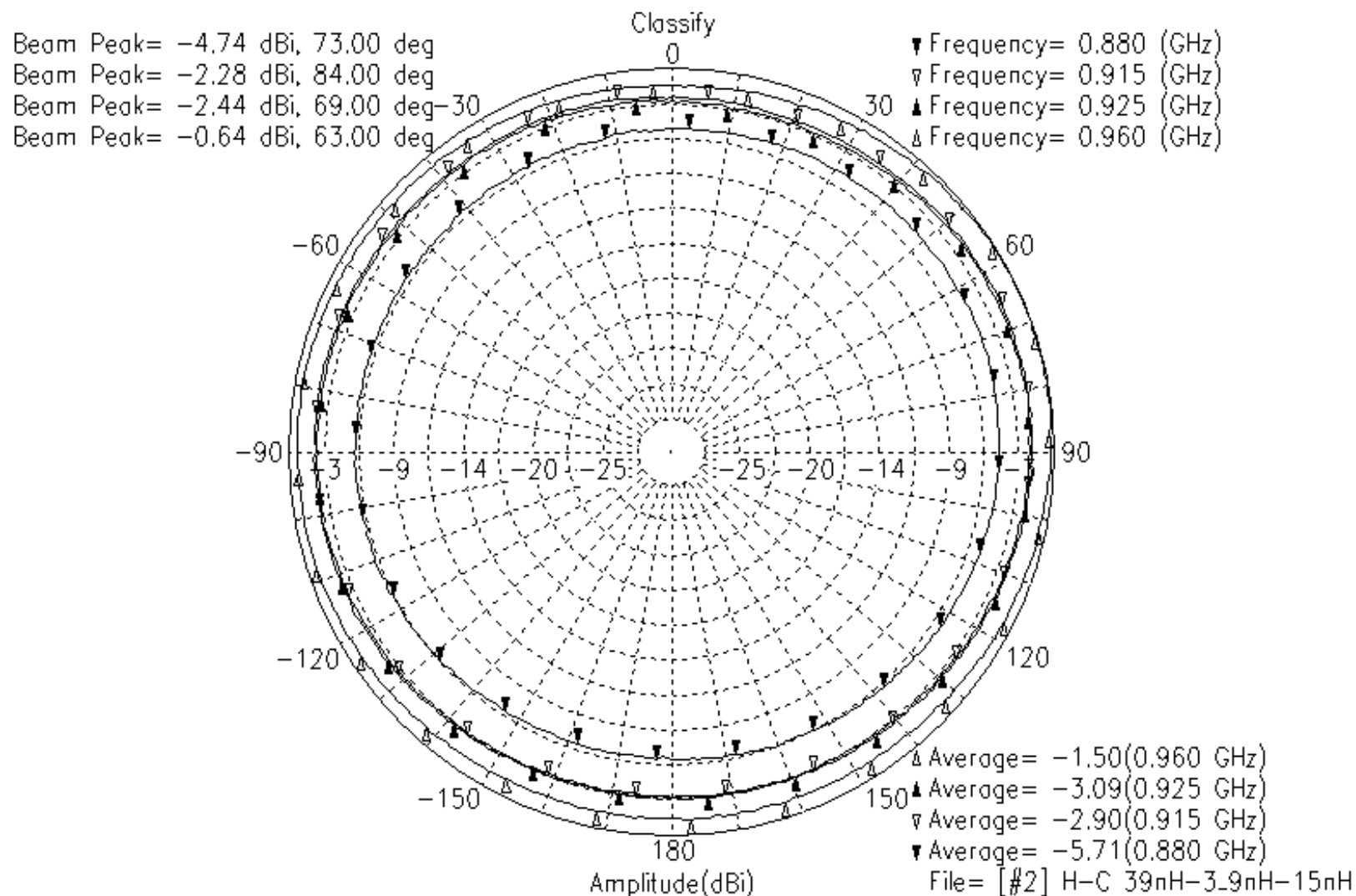
Antenna Radiation Pattern

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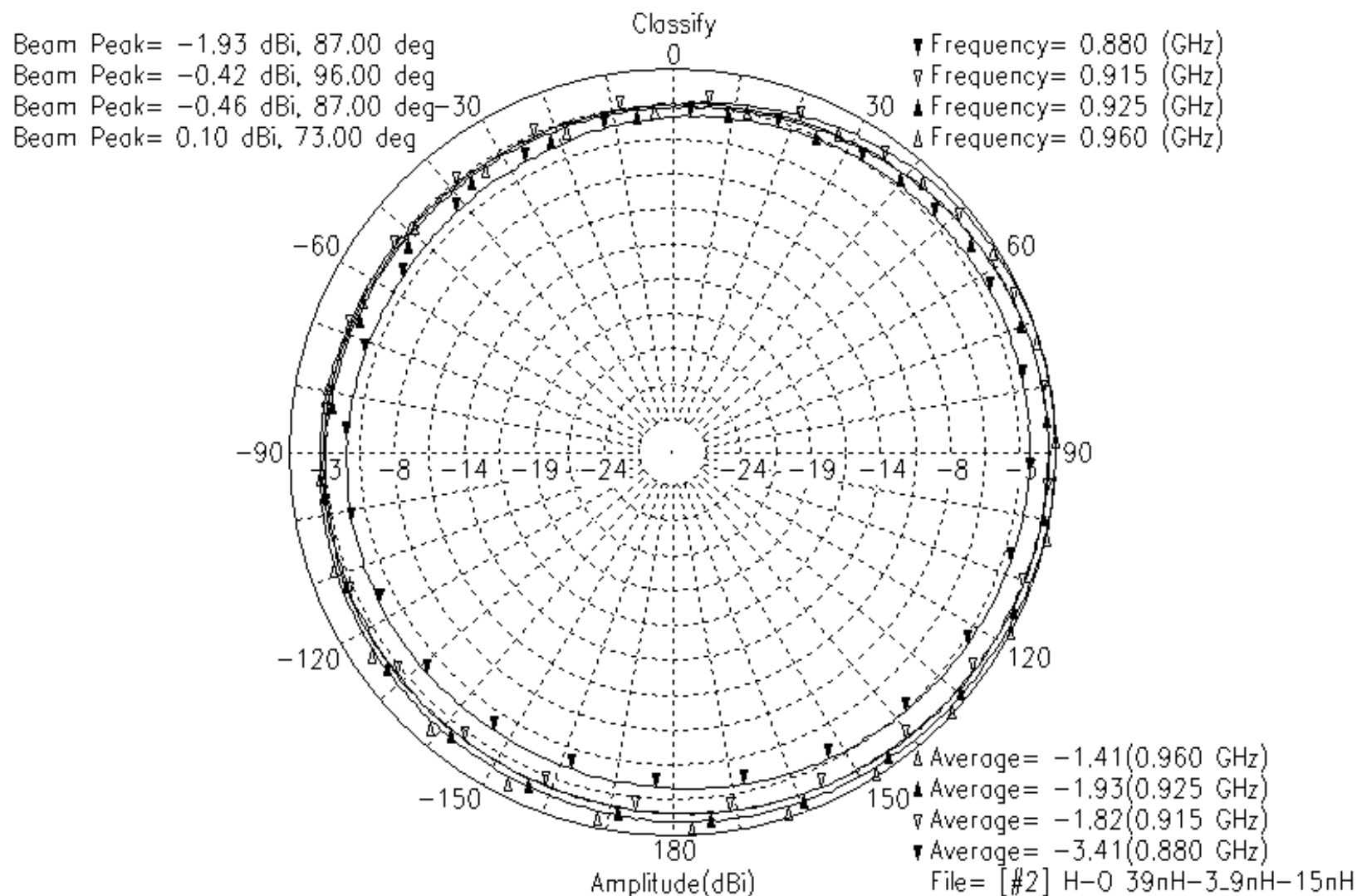
Antenna Radiation Pattern

GSM-H-FOLDER CLOSED



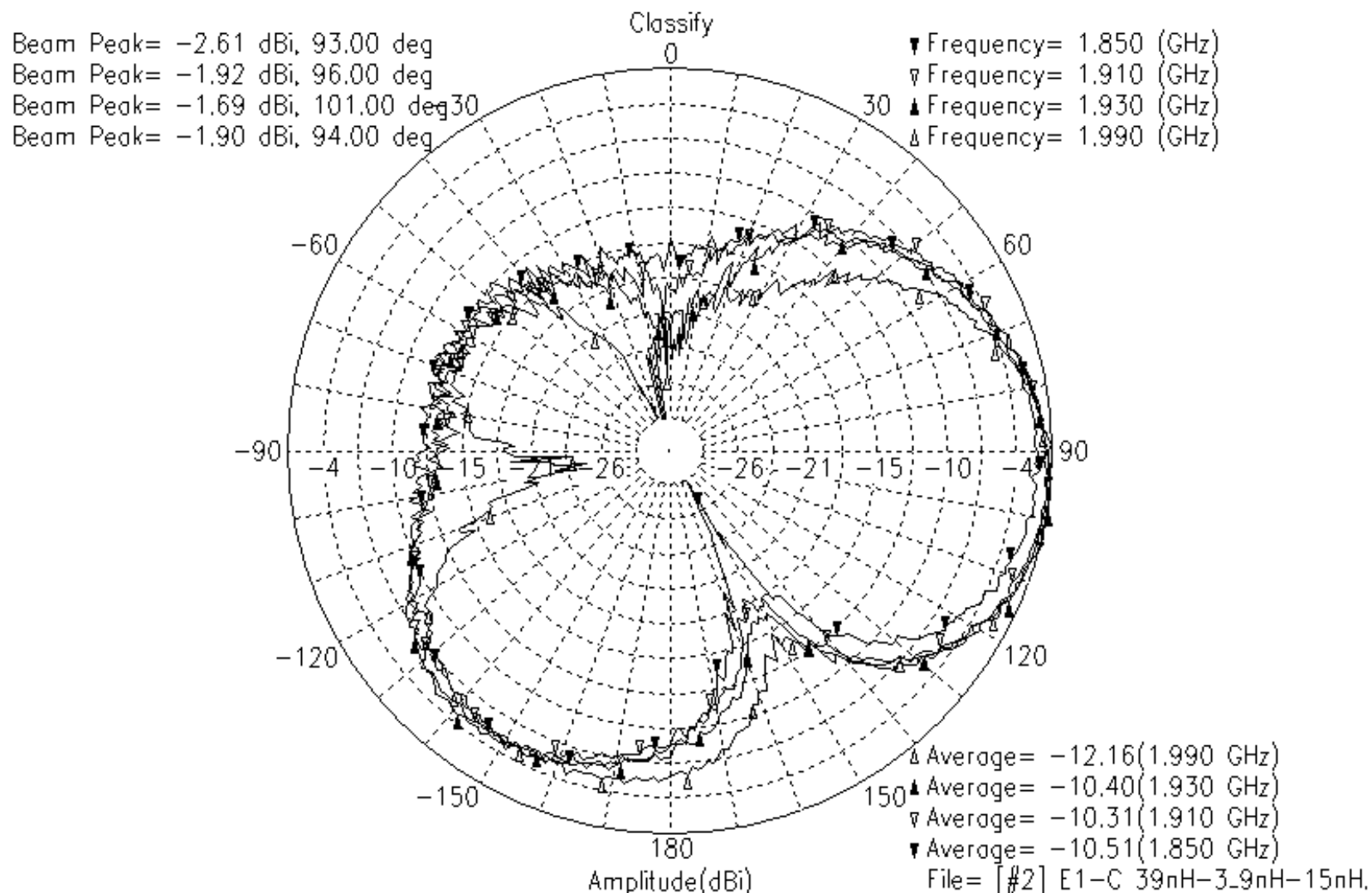
Antenna Radiation Pattern

GSM-H-FOLDER OPENED



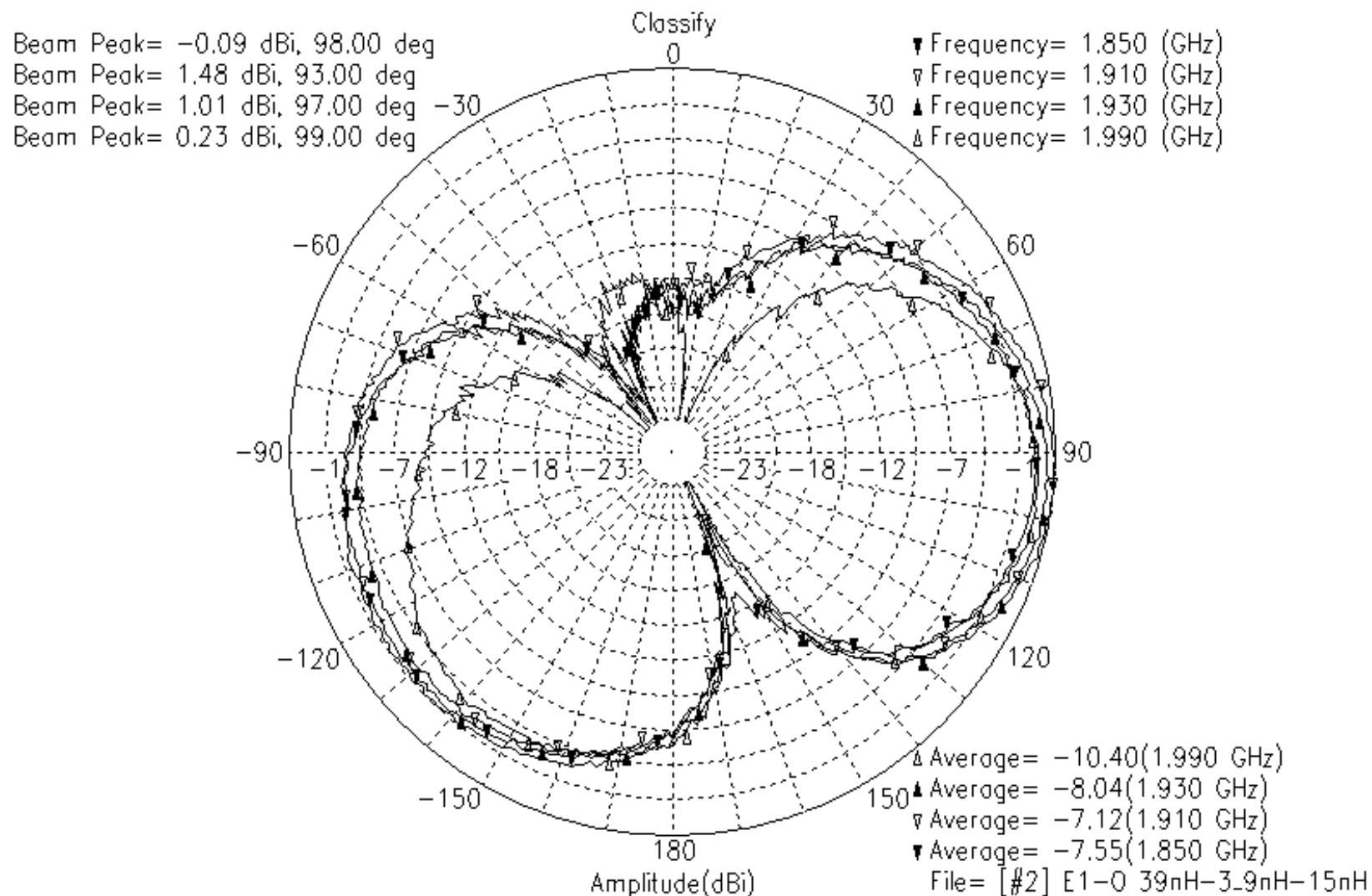
Antenna Radiation Pattern

PCS-E1-FOLDER CLOSED



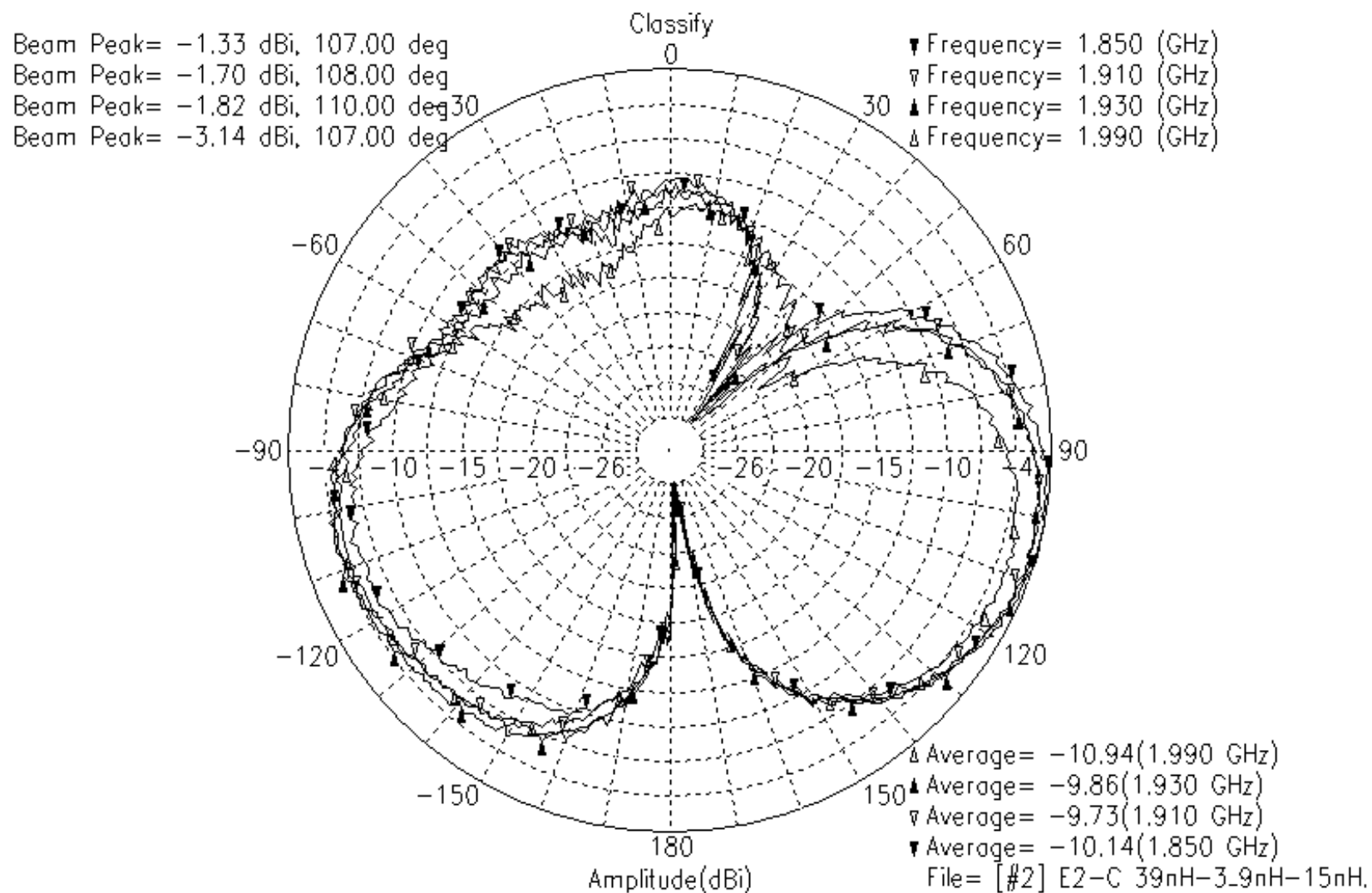
Antenna Radiation Pattern

PCS-E1-FOLDER OPENED



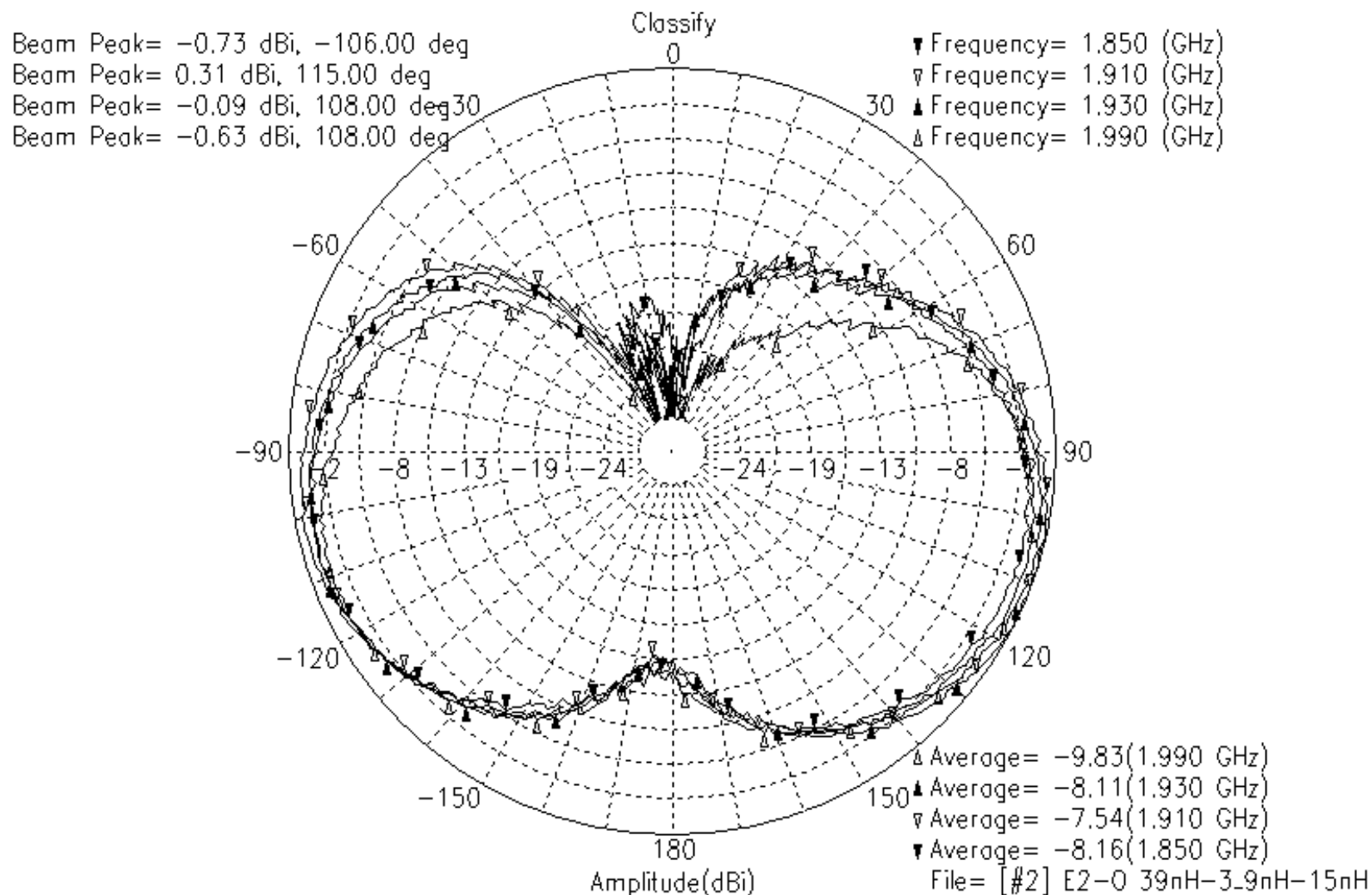
Antenna Radiation Pattern

PCS-E2-FOLDER CLOSED



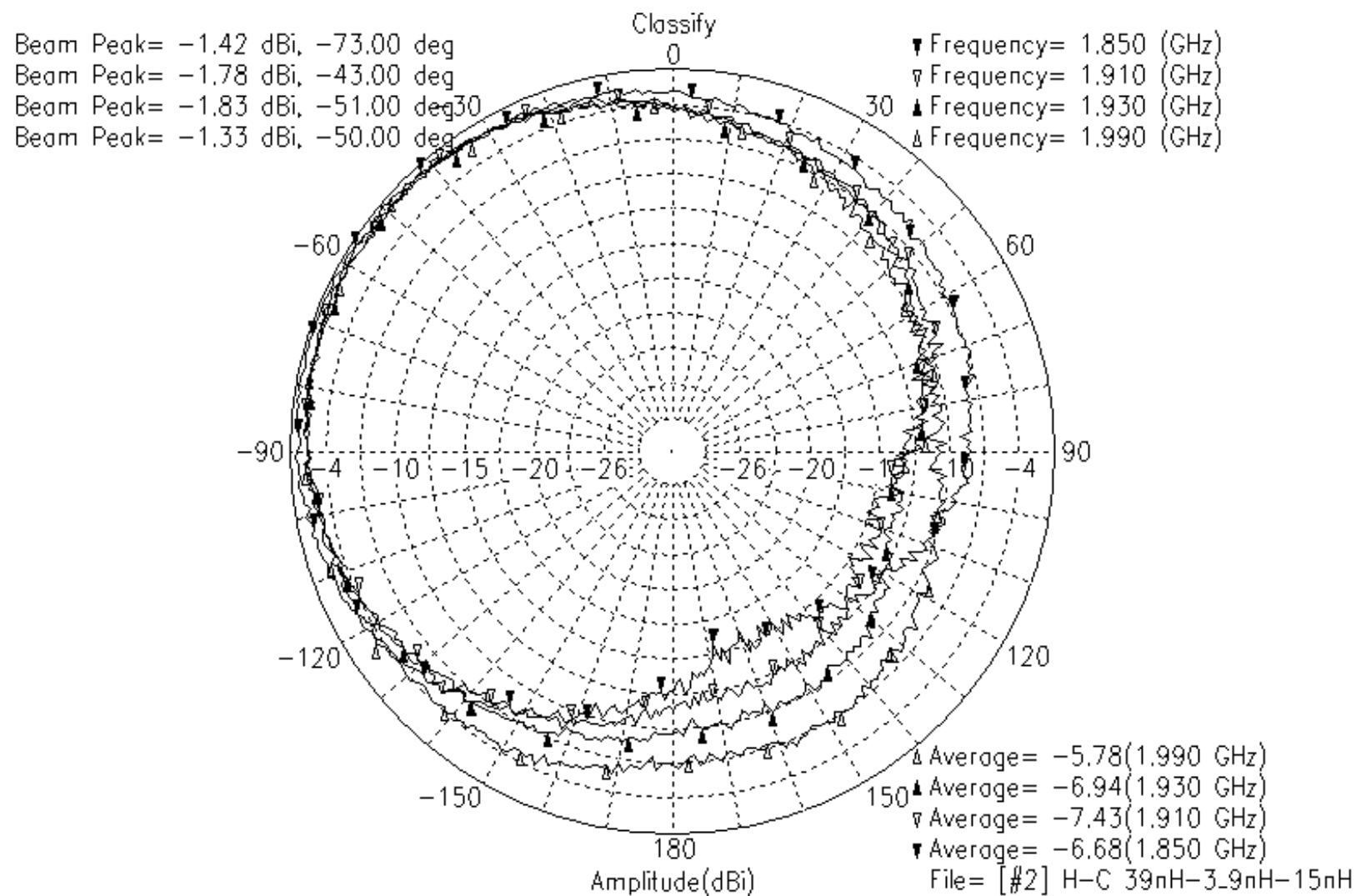
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PCS-E2-FOLDER OPENED



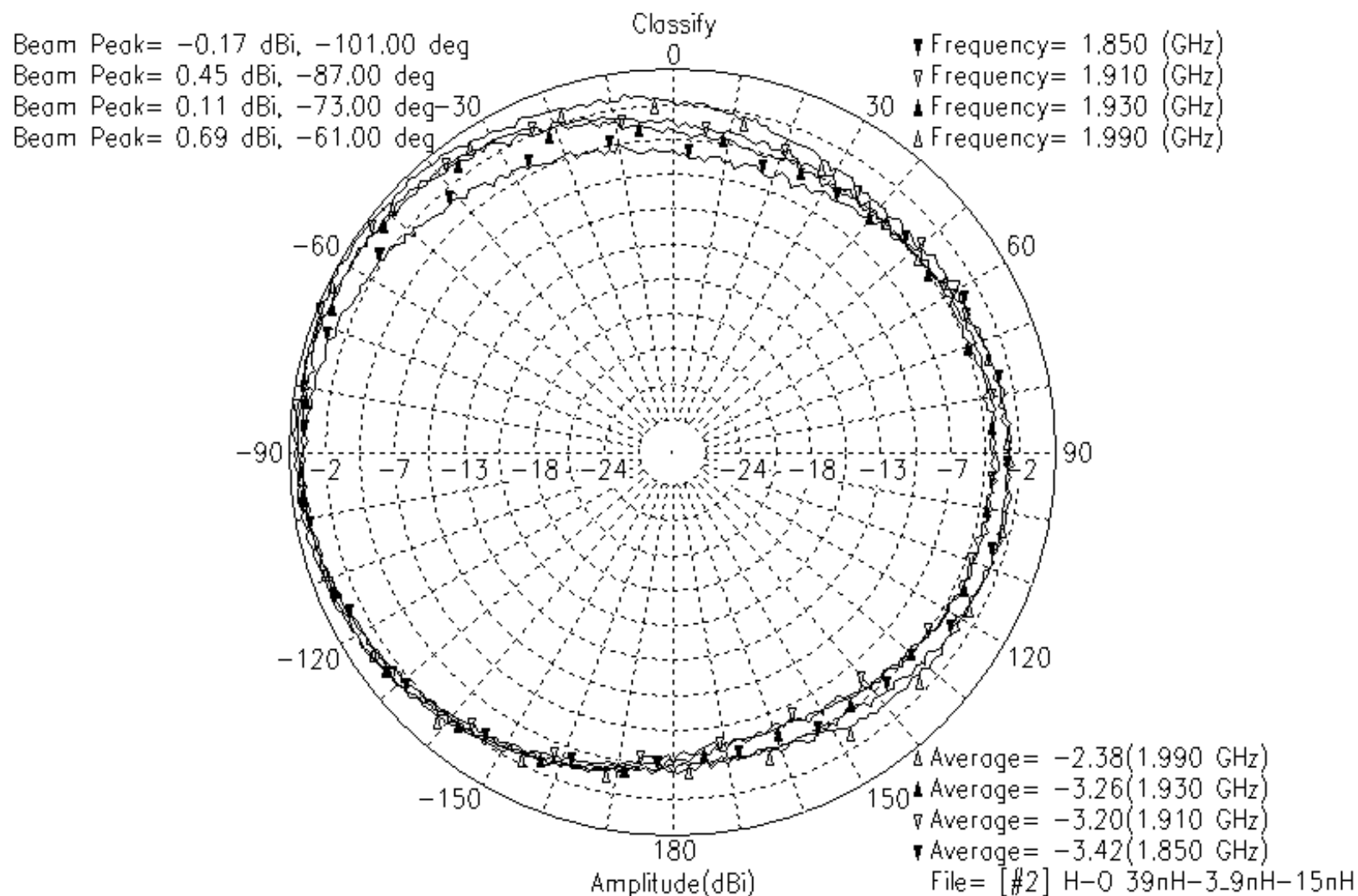
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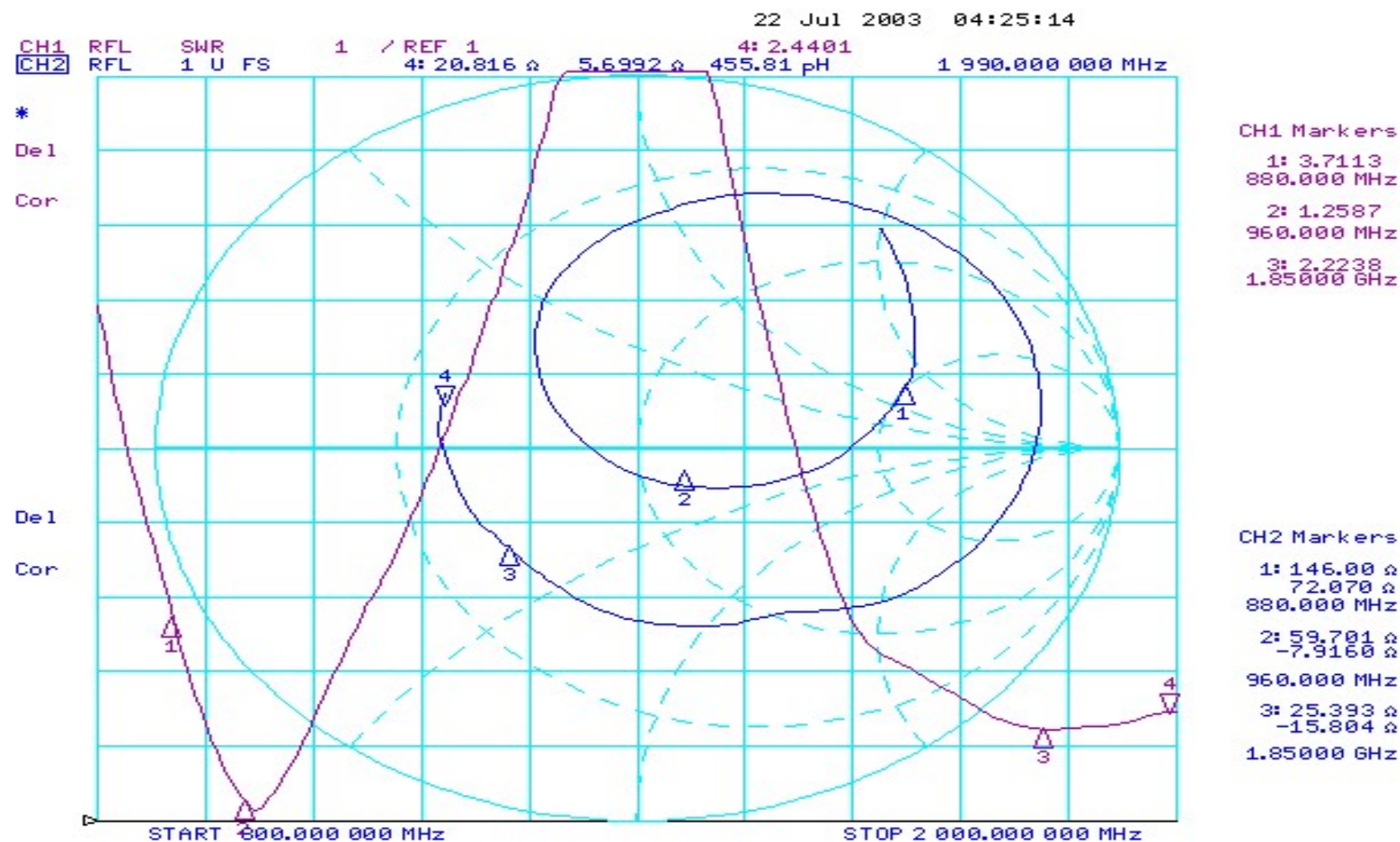
Antenna Radiation Pattern

PCS-H-FOLDER OPENED



Antenna Radiation Pattern

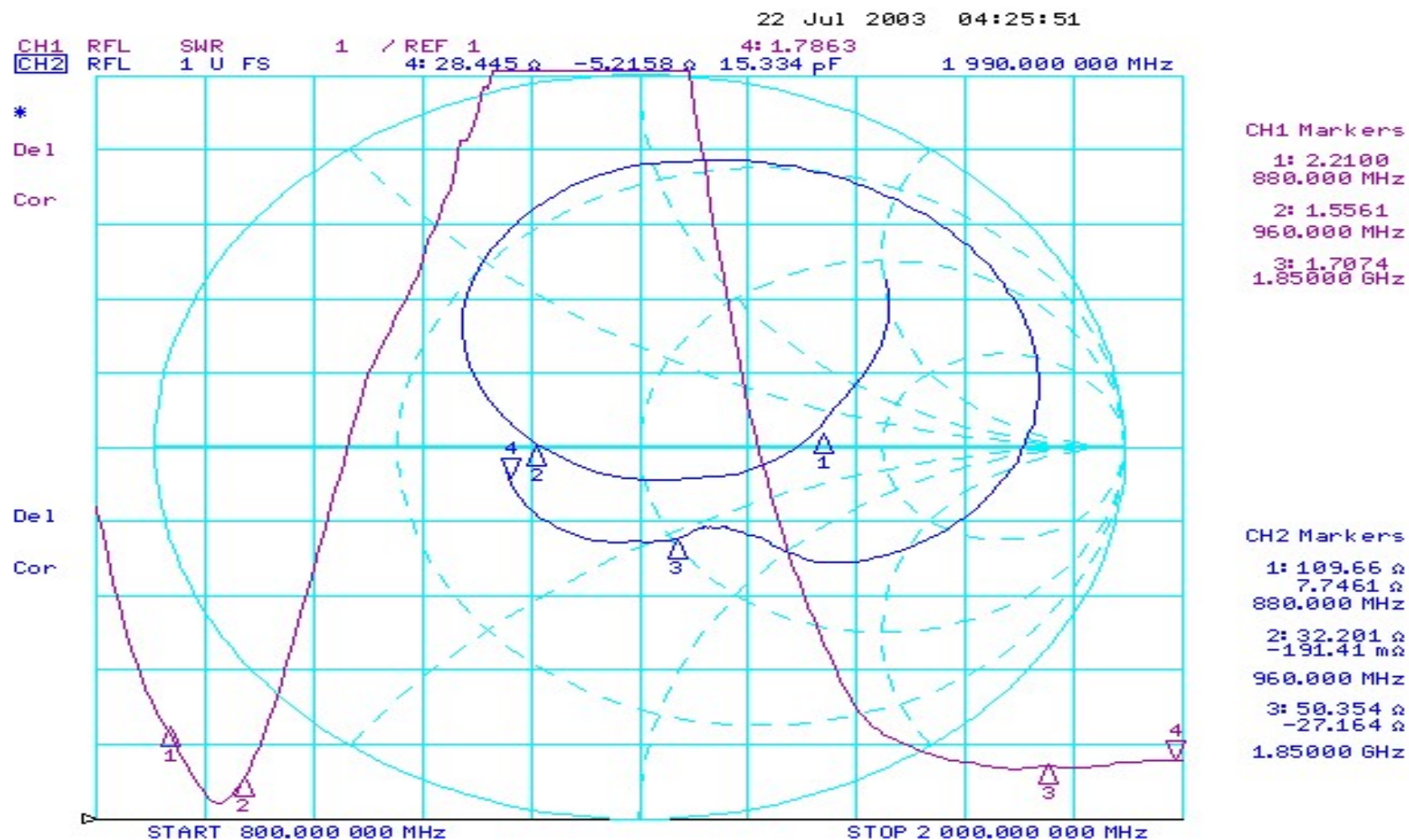
VSWR



Folder Close

Antenna Radiation Pattern

VSWR



Folder Open

Antenna Radiation Pattern