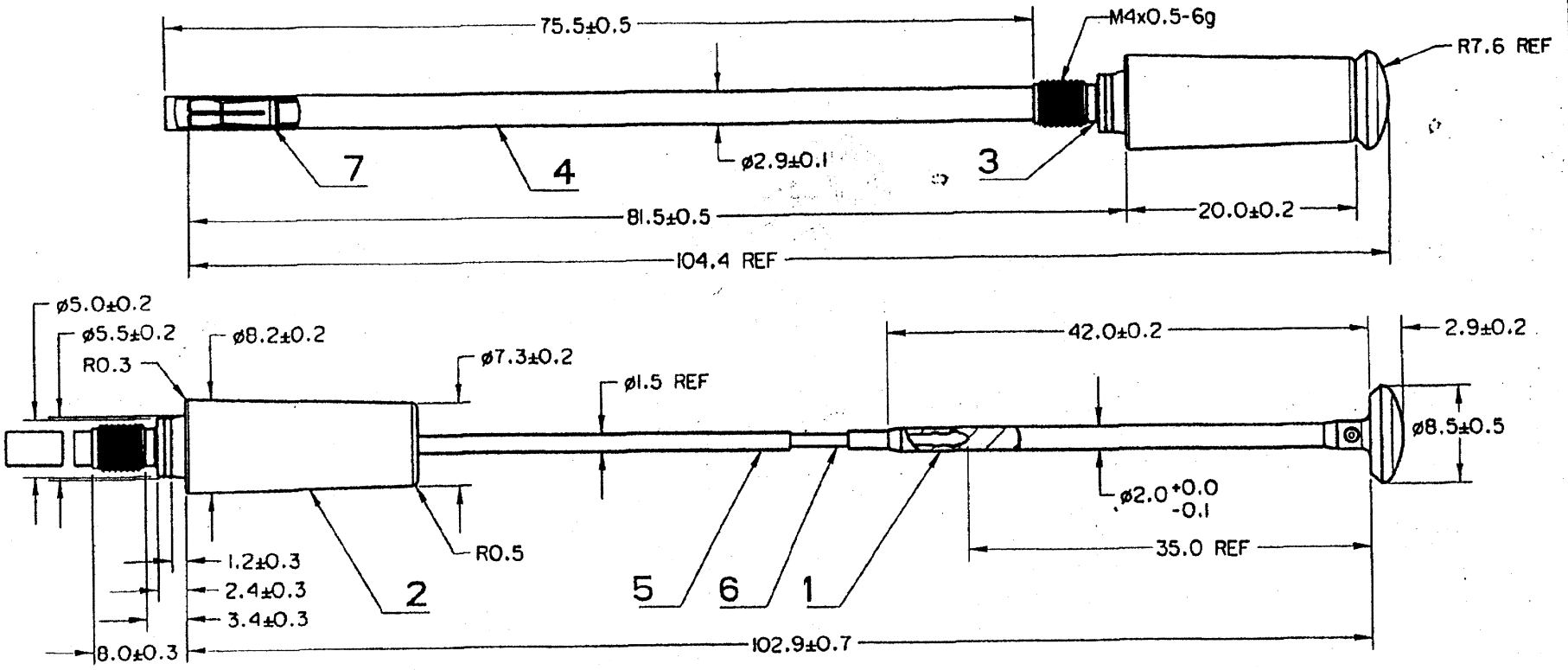
DWG. NO.:
A3

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
DO NOT SCALE - IF IN DOUBT, ASK!!

THIRD ANGLE PROJECTION



NO	MATERIAL	SURFACE TREATMENT
7	Arcop APID	
6	Ni-Ti-Cr Super Elastic Alloy	
5	Plastic: Poliurethane-Shore 40D	Color: Gray, Pantone: Cool Gray 7C
4	Plastic: PA12	Color: Black
3	Free Cutting Brass ISO CuZn39Pb9 (MS 58A)	Cu/Cu strike/Ni7b ISO 1458-1988
2	Plastic: Polyurethane -Shore 64D	Color: Gray, Pantone: Cool Gray 7C
1	Plastic: Zytel E101 L	Color: Gray, Pantone: Cool Gray 7C

Temp Tool

CAD FILE:

SEE COVER SHEET FOR PERTINENT INFORMATION

GALTRONICS

THIS PRINT IS GALTRONICS CONFIDENTIAL

ENGINEER	R.G	CHECKED		MOLDED NO NAME M4 STUD RETRACTABLE BH AMPS/CDMA/PCS
DRAWN		APPVD.		
DATE	21-3-2001	DATE		

DWG. NO.: A3
02-4128-75-952

REV. P-7

CONFIDENTIAL

TITLE: GAIN TEST RESULTS

05.03.01

CDMA Band

Table 1

Telephone LGE TM910 (ref #424)			GAIN TEST RESULTS (dBi) Best				AVG				File
Measuring	Antenna	Ant. Pos.	824MHz	849MHz	869MHz	894MHz	824MHz	849MHz	869MHz	894MHz	
Azimuth	Sam.#13	Ext.	1.91	2.29	1.79	1.83	0.34	0.80	0.62	0.97	952az78
"	Sam.#14	Ext.	1.83	2.29	1.90	2.09	0.29	0.87	0.75	1.20	952az79
"	Sam.#13	Ret	-1.08	-1.18	-1.90	-2.32	-2.85	-2.82	-3.23	-3.44	952az77
"	Sam.#14	Ret	-1.13	-1.23	-2.02	-2.41	-2.86	-2.84	-3.26	-3.46	952az81
Azimuth, talking	Sam.#13	Ext.	1.45	1.51	1.63	2.52	-3.93	-3.40	-3.10	-2.13	952tp73
"	Sam.#14	Ext.	1.74	1.61	1.64	2.39	-3.66	-3.36	-3.20	-2.31	952tp75
"	Sam.#13	Ret	-2.40	-1.86	-2.19	-1.55	-8.29	-7.18	-7.37	-6.56	952tp74
"	Sam.#14	Ret	-2.33	-1.88	-2.20	-1.51	-8.26	-7.16	-7.32	-6.54	952tp76
Elevation E1(S-S)	Sam.#13	Ext.	1.39	2.11	2.04	2.16	-3.61	-2.81	-3.11	-3.17	952ss84
"	Sam.#14	Ext.	1.50	2.03	1.92	1.89	-3.54	-2.89	-3.22	-3.38	952ss82
"	Sam.#13	Ret	-1.72	-1.55	-1.92	-2.44	-6.80	-6.40	-6.87	-7.57	952ss85
"	Sam.#14	Ret	-1.64	-1.53	-1.90	-2.44	-6.81	-6.40	-6.89	-7.58	952ss83
Elevation E2(F-B)	Sam.#13	Ext.	0.82	1.06	1.53	1.36	-3.72	-3.30	-3.02	-3.27	952fb86
"	Sam.#14	Ext.	1.02	1.52	1.25	1.26	-3.55	-3.00	-3.38	-3.53	952fb88
"	Sam.#13	Ret	-2.94	-1.85	-2.32	-2.40	-7.29	-6.07	-6.67	-6.92	952fb87
"	Sam.#14	Ret	-2.92	-1.87	-2.22	-2.40	-7.28	-6.06	-6.63	-6.87	952fb89

TITLE: GAIN TEST RESULTS

05.03.01

PCS Band

Table 2

Telephone LGE TM910 (ref #409)			GAIN TEST RESULTS (dBi)								File
			Best				AVG				
Measuring	Antenna	Ant. Pos.	1850MHz	1910MHz	1930MHz	1990MHz	1850MHz	1910MHz	1930MHz	1990MHz	
Azimuth	Sam.#13	Ext.	-1.93	-0.99	-0.76	-0.73	-2.83	-1.65	-1.45	-1.60	952az64
"	Sam.#14	Ext.	-1.65	-0.73	-0.71	-0.94	-3.00	-1.72	-1.64	-1.64	952az66
"	Sam.#13	Ret	2.44	0.89	0.51	0.17	-3.17	-3.73	-4.00	-3.70	952az65
"	Sam.#14	Ret	2.44	0.89	0.60	0.15	-3.12	-3.70	-3.98	-3.72	952az67
Azimuth, talking	Sam.#13	Ext.	0.82	1.67	1.79	1.61	-4.43	-3.57	-3.37	-3.65	952tp68
"	Sam.#14	Ext.	1.32	1.57	1.69	1.36	-4.00	-3.71	-3.55	-3.93	952tp70
"	Sam.#13	Ret	-4.63	-3.42	-3.42	-2.07	-8.43	-7.67	-7.67	-7.03	952tp69
"	Sam.#14	Ret	-4.71	-3.45	-3.46	-2.07	-8.37	-7.67	-7.66	-7.03	952tp71
Elevation E1(S-S)	Sam.#13	Ext.	-1.37	-0.52	-0.38	-0.86	-6.23	-5.29	-5.26	-5.32	952ss56
"	Sam.#14	Ext.	-1.25	-0.21	-0.15	-0.47	-5.99	-5.31	-5.49	-5.71	952ss58
"	Sam.#13	Ret	2.77	2.12	1.79	1.62	-2.37	-2.84	-3.01	-2.61	952ss57
"	Sam.#14	Ret	2.77	2.11	1.83	1.73	-2.35	-2.81	-2.97	-2.58	952ss59
Elevation E2(F-B)	Sam.#13	Ext.	-0.26	0.26	0.39	-0.01	-6.32	-6.23	-6.14	-6.53	952fb62
"	Sam.#14	Ext.	-0.82	0.26	0.37	0.08	-6.18	-5.77	-5.80	-6.40	952fb60
"	Sam.#13	Ret	0.46	0.15	0.02	0.20	-5.77	-5.89	-6.04	-5.56	952fb63
"	Sam.#14	Ret	0.46	0.30	0.04	0.17	-5.76	-5.88	-6.05	-5.54	952fb61

952az72.bmp (923x722x16 bmp)

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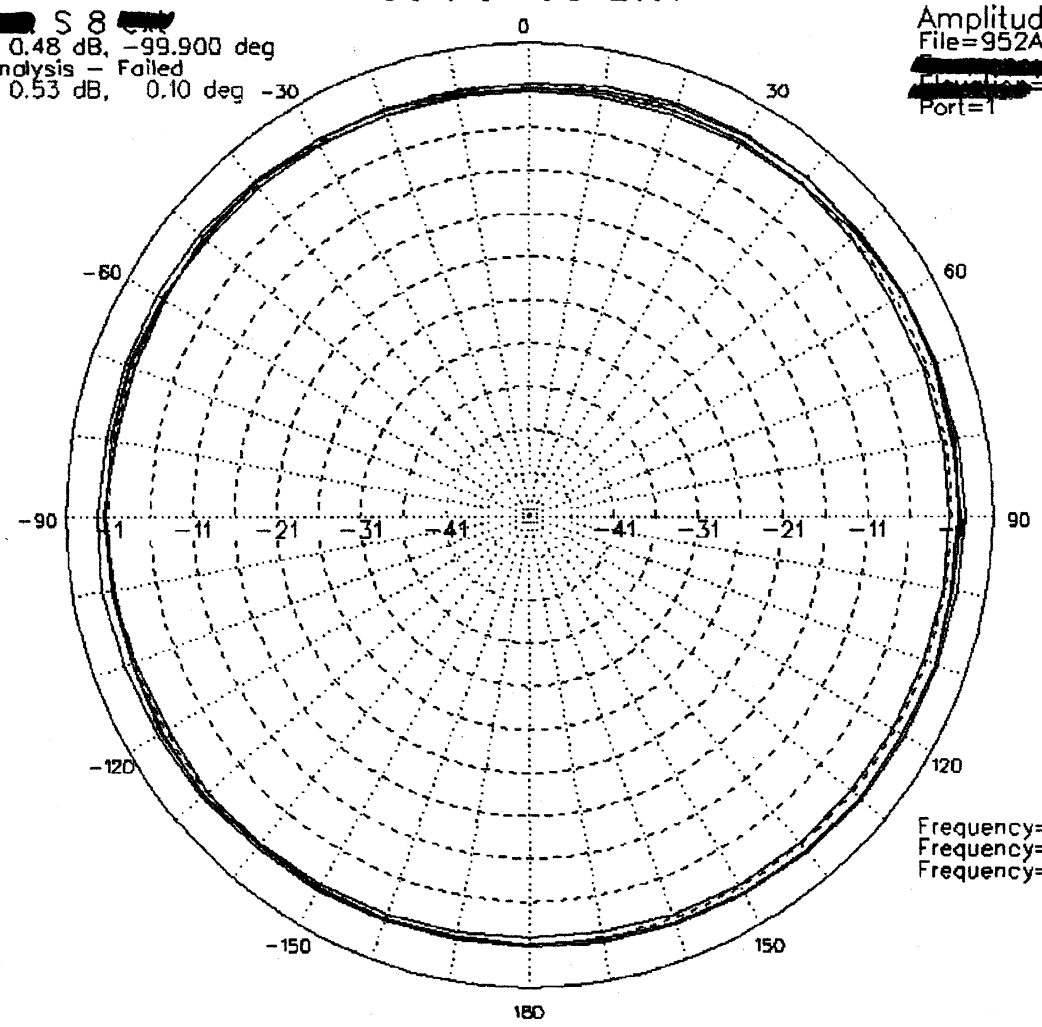
Rfq952 [redacted] S 8 [redacted]
Beam Peak= 0.48 dB, -99.900 deg
Beam Width analysis = Failed
Null Depth = 0.53 dB, 0.10 deg

Amplitude(dB)
File=952AZ72.ORC
[redacted]=0.000(Deg)
Port=1



Frequency=849.000(MHz)
Frequency=869.000(MHz)
Frequency=894.000(MHz)

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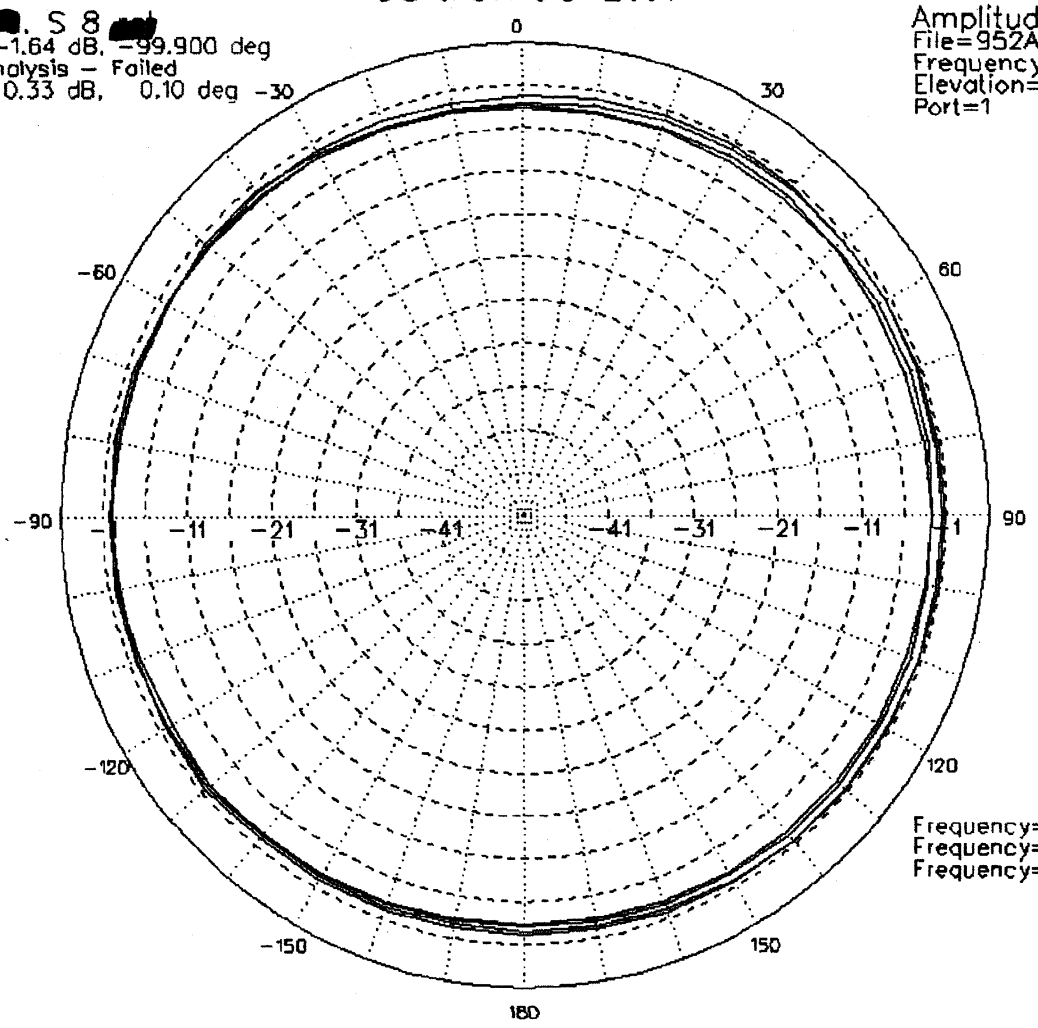
952az73.bmp (923x722x16 bmp)

Galtronics Ltd.

Rfq952 [redacted]. S 8 [redacted]
Beam Peak= -1.64 dB, -99.900 deg
Beam Width anglysis = Failed
Null Depth = 0.33 dB, 0.10 deg



Amplitude(dB)
File=952AZ73.ORC
Frequency=824.000(MH:
Elevation=0.000(Deg)
Port=1

Frequency=849.000(MHz)
Frequency=869.000(MHz)
Frequency=894.000(MHz)

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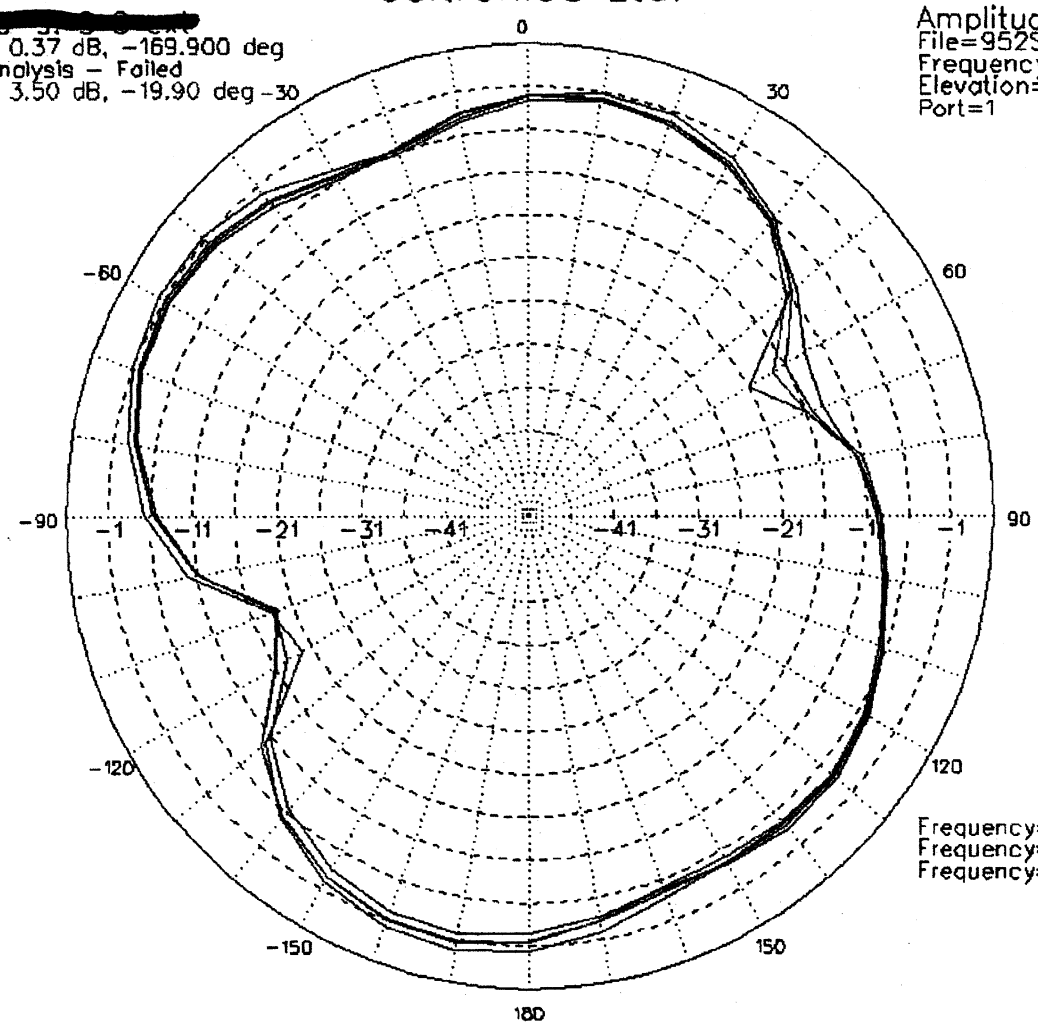
952ss88.bmp (923x722x16 bmp)

Galtronics Ltd.

rfq 952 [redacted]
Beam Peak= 0.37 dB, -169.900 deg
Beam Width analysis = Failed
Null Depth = 3.50 dB, -19.90 deg



Amplitude(dB)
File=952SS88.0RC
Frequency=1.850(GHz)
Elevation=0.000(Deg)
Port=1

Frequency=1.910(GHz)
Frequency=1.930(GHz)
Frequency=1.990(GHz)

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952ss89.bmp (923x722x16 bmp)

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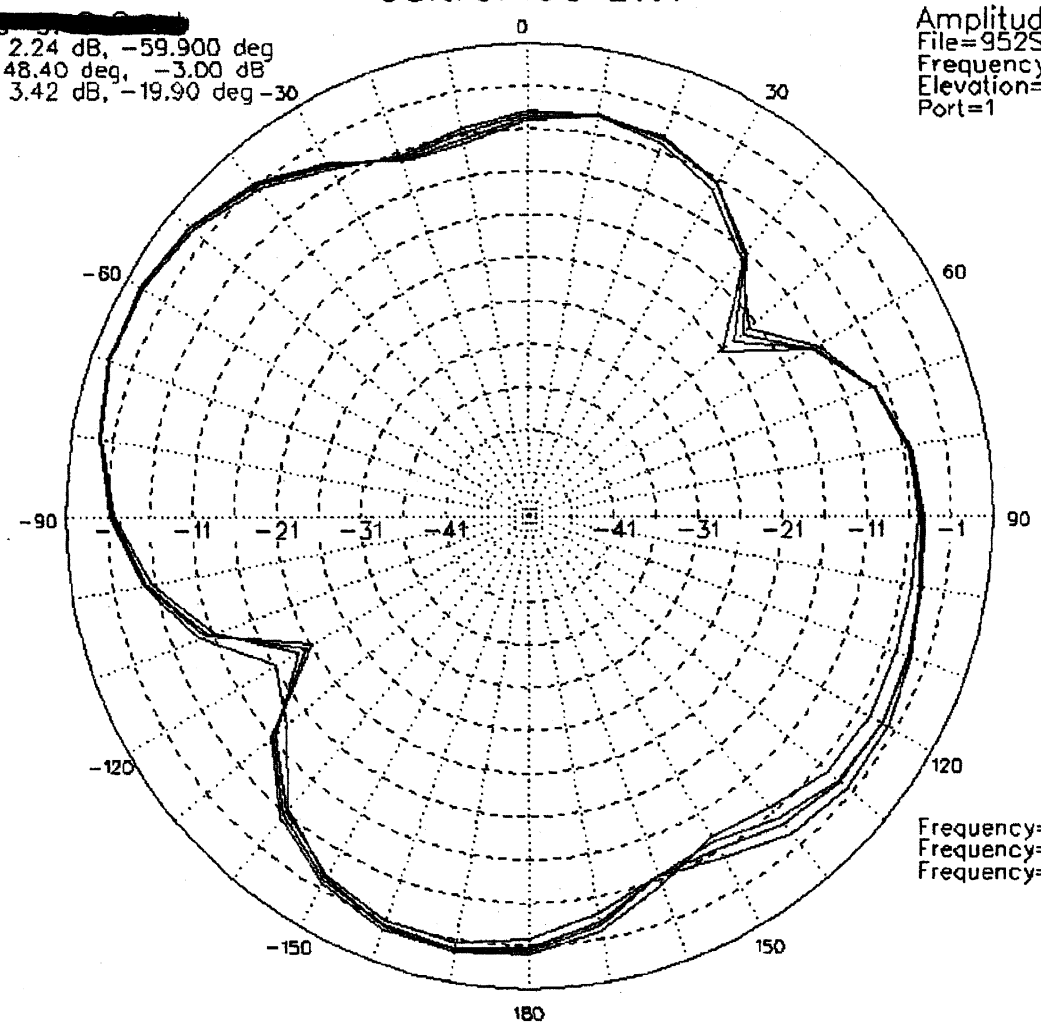
rfq 952 [redacted]
Beam Peak= 2.24 dB, -59.900 deg
Beam Width= 48.40 deg, -3.00 dB
Null Depth = 3.42 dB, -19.90 deg



Amplitude(dB)
File=952SS89.ORC
Frequency=1.850(GHz)
Elevation=0.000(Deg)
Port=1

Frequency=1.910(GHz)
Frequency=1.930(GHz)
Frequency=1.990(GHz)

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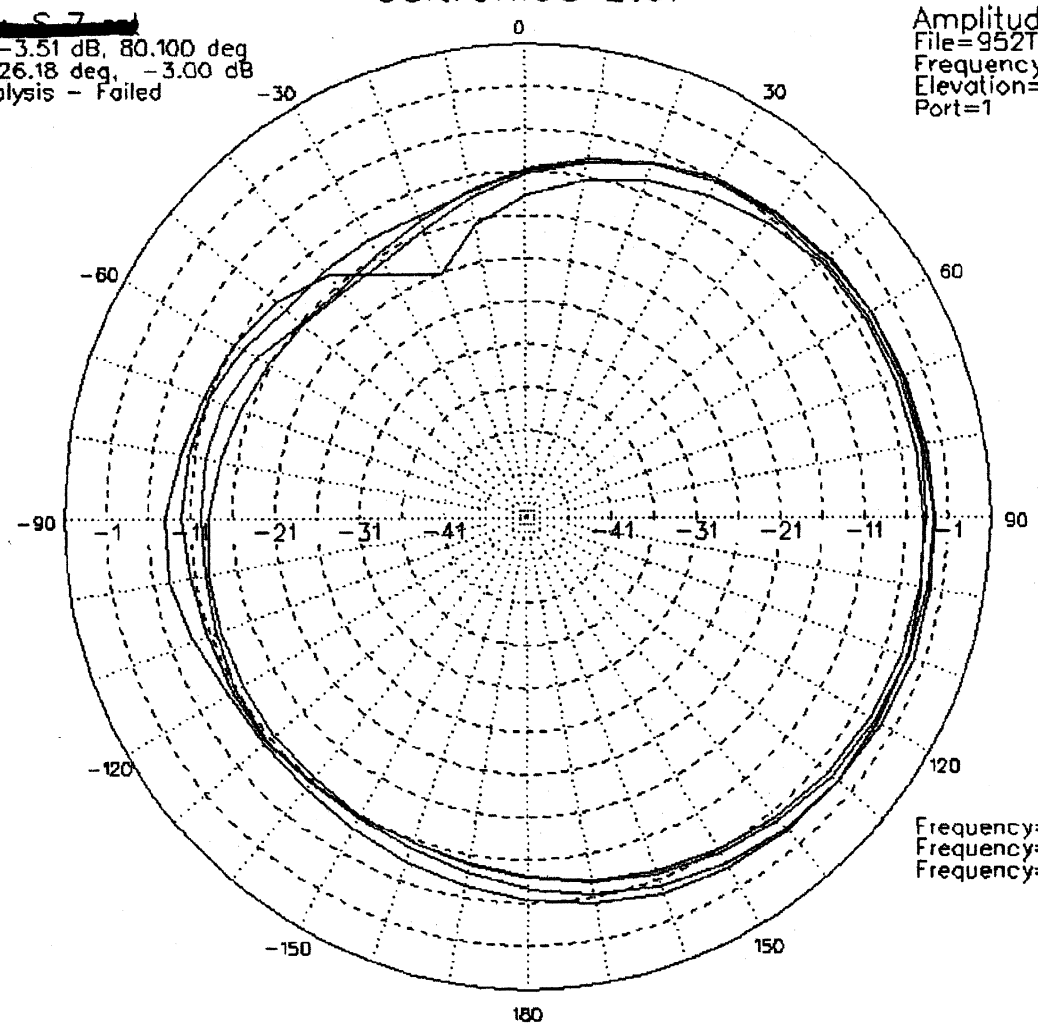
952tp81.bmp (923x722x16 bmp)

Galtronics Ltd.

[redacted]
Beam Peak= -3.51 dB, 80.100 deg
Beam Width=126.18 deg, -3.00 dB
Null Depth analysis - Failed



Amplitude(dB)
File=952TP81.ORC
Frequency=824.000(MH:
Elevation=0.000(Deg)
Port=1

Frequency=849.000(MHz)
Frequency=869.000(MHz)
Frequency=894.000(MHz)

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