
Report

[HP-Vancouver, 12/20/2006](#)

▲ HP-Vancouver, 12/20/2006

Date :**12/20/2006**

File name :**I:\Data\2006-12-20\HP-Vancouver\HP-Vancouver.pro**

Project name :**HP-Vancouver, 12/20/2006**

Manager :**Loc Nguyen**

Equipment under test :**Passive measurements using Stargate 64**

Customer :**HP Vancouver**

Address :

City :**Vancouver**

Customer reference for the project :**Customer Reference number**

Contact name : **1 :Roger Meline**

Phone :**555-657-8309**

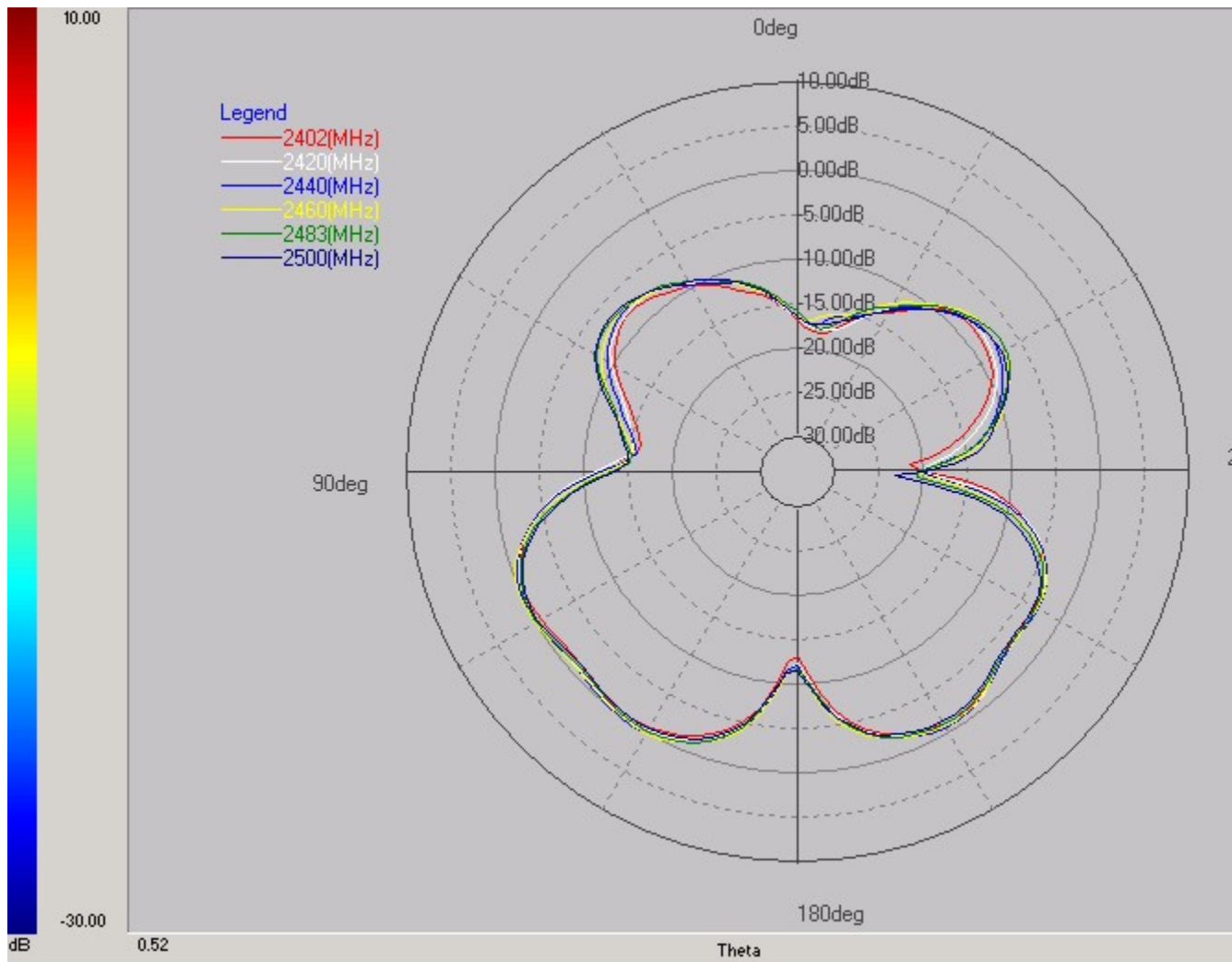
Fax :**555-657-8310**

Email :**customername@company.com**

▲ FREE - BlueS1

▲ Phi=0.00deg

E Total. dB



Average



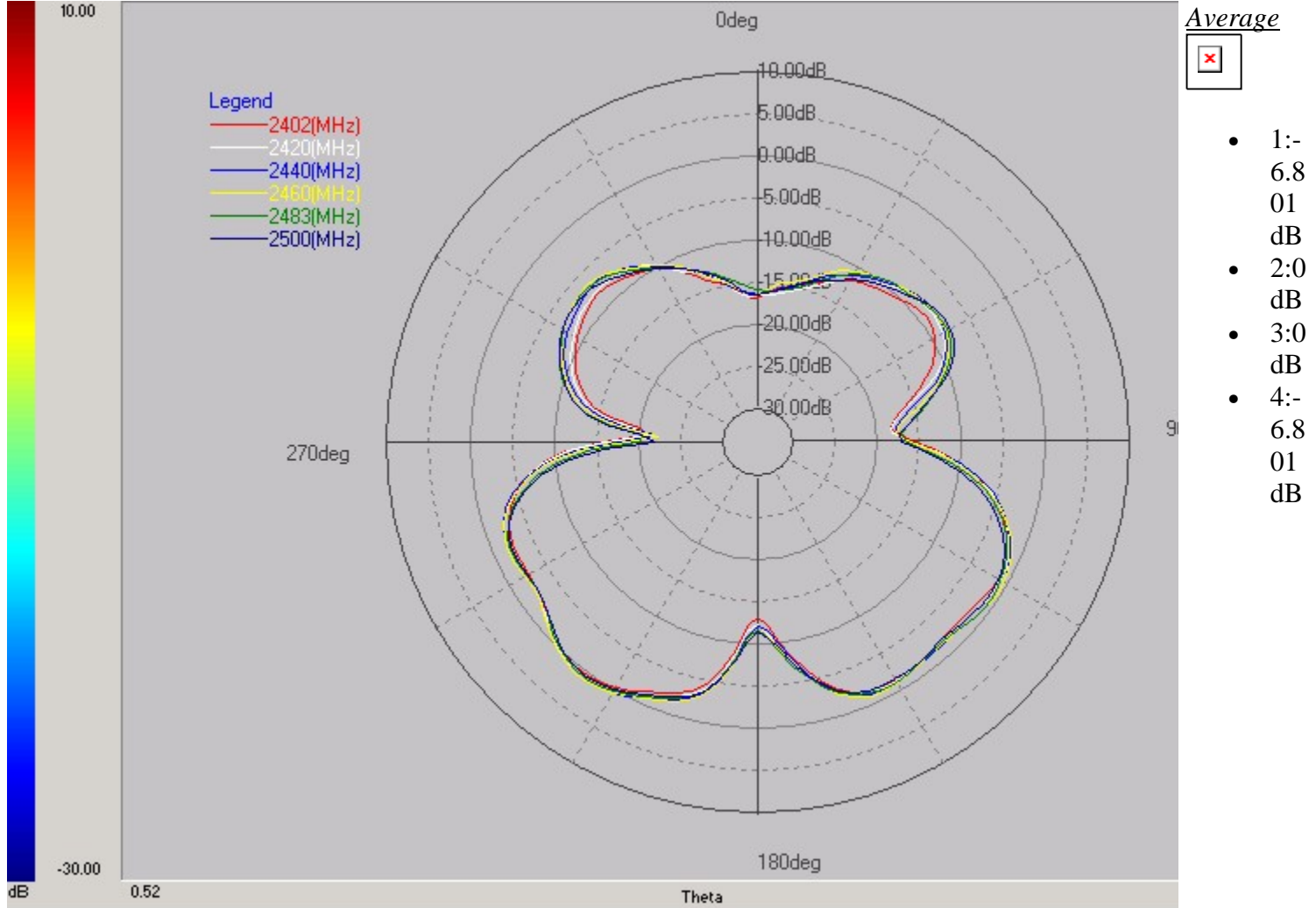
- 1:- 6.8 25 dB
- 2:0 dB
- 3:0 dB
- 4:- 6.8 25 dB

Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	-0.41 dB	114.00 deg	- 21.48 dB	-87.00 deg	61.91 deg	-6.83 dB	5.74	----	----	----
2420(MHz)	0.00 dB	117.00 deg	- 20.39 dB	-90.00 deg	61.50 deg	-6.46 dB	5.68	----	----	----
2440(MHz)	0.19 dB	117.00 deg	- 20.12 dB	-90.00 deg	61.44 deg	-6.26 dB	5.59	----	----	----
2460(MHz)	0.24 dB	117.00 deg	- 20.54 dB	-90.00 deg	61.16 deg	-6.17 dB	5.47	----	----	----
2483(MHz)	-0.06 dB	117.00 deg	- 20.71 dB	-90.00 deg	61.00 deg	-6.37 dB	5.49	----	----	----

2500(MHz)	-0.28 dB	117.00 deg	-23.09 dB	-93.00 deg	60.39 deg	-6.59 dB	5.42	----	----	----
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▲ Phi=90.00deg

E Total. dB

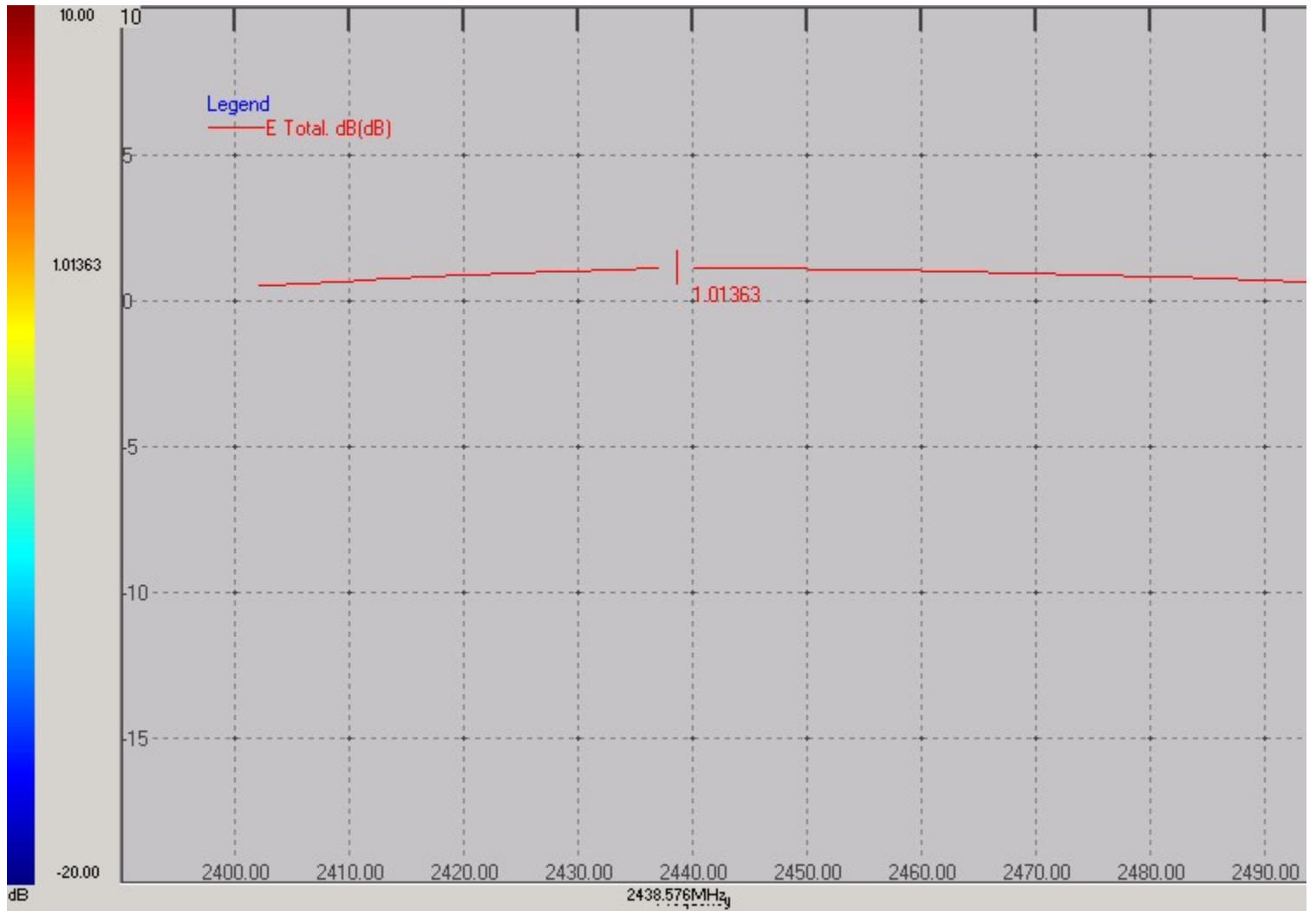


Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	0.33 dB	-144.00 deg	-20.88 dB	-87.00 deg	38.33 deg	-6.80 dB	5.64	----	----	----
2420(MHz)	0.68 dB	-144.00 deg	-21.33 dB	-87.00 deg	37.47 deg	-6.44 dB	5.69	----	----	----
2440(MHz)	0.97 dB	-144.00 deg	-21.79 dB	-87.00 deg	35.75 deg	-6.16 dB	5.66	----	----	----

2460(MHz)	0.88 dB	-144.00 deg	-22.33 dB	-87.00 deg	37.81 deg	-6.07 dB	5.59	----	----	----
2483(MHz)	0.61 dB	-144.00 deg	-20.37 dB	-87.00 deg	37.39 deg	-6.27 dB	5.40	----	----	----
2500(MHz)	0.41 dB	-144.00 deg	-21.87 dB	-90.00 deg	39.93 deg	-6.47 dB	5.43	----	----	----

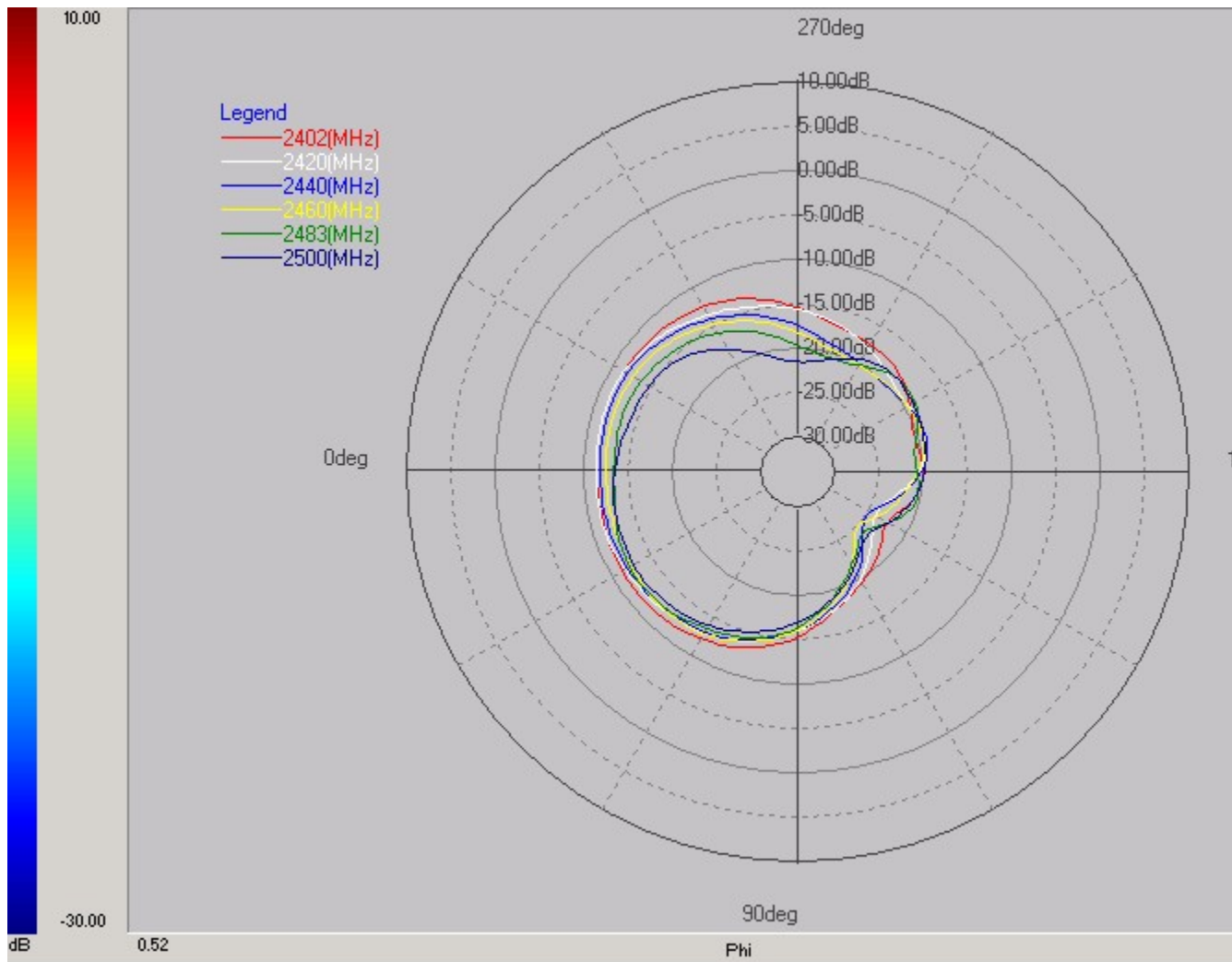
▲ NF to FF transform Maximum Maximum

E Total. dB



▲ Theta=90.00deg

E Total. dB



Average



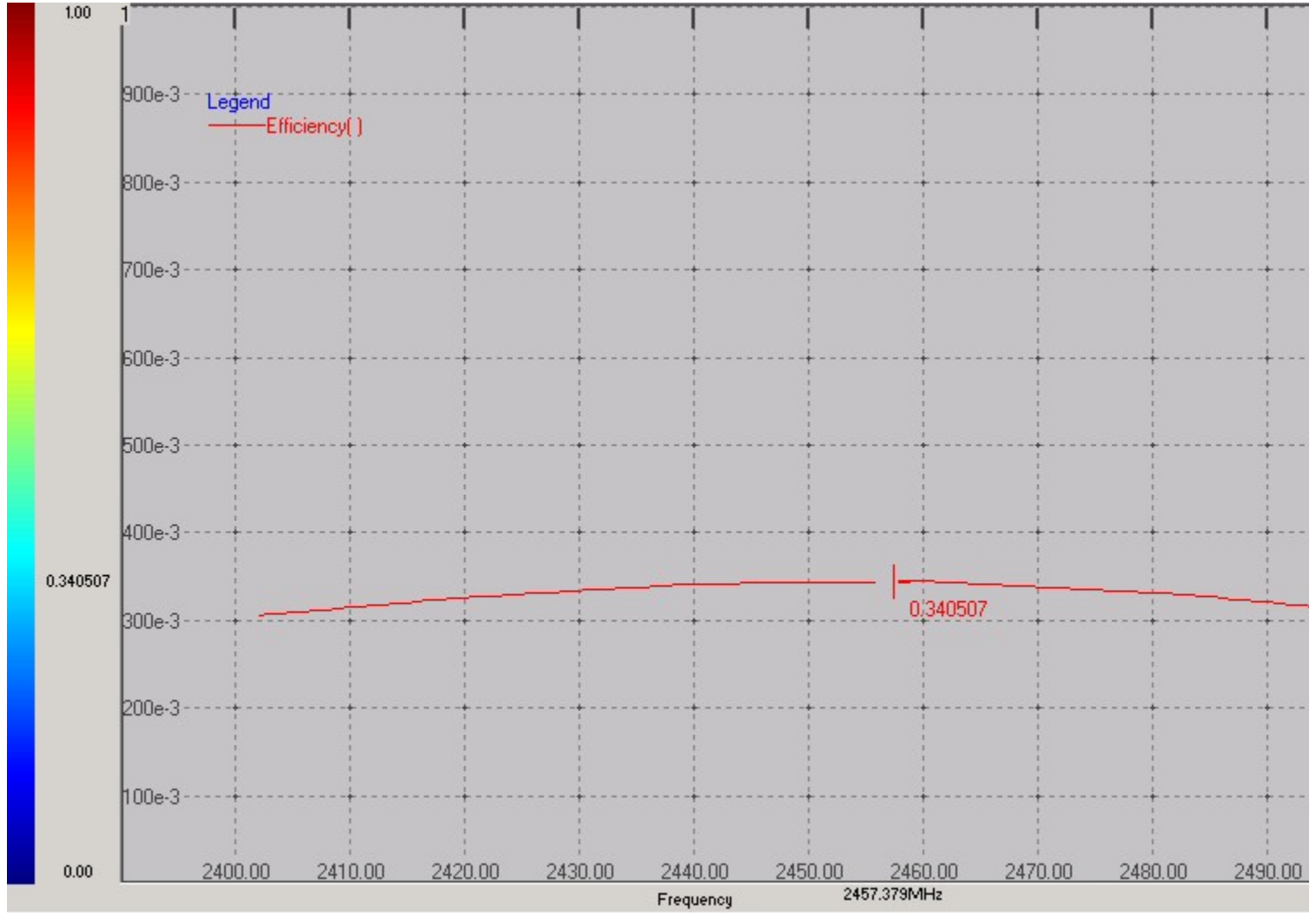
- 1:- 15.05 dB
- 2:0 dB
- 3:0 dB
- 4:- 15.05 dB

Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	- 11.31 dB	348.00 deg	- 22.45 dB	150.00 deg	----	-15.05 dB	3.76	----	----	----
2420(MHz)	- 11.33 dB	9.00 deg	- 24.07 dB	153.00 deg	----	-15.48 dB	3.96	----	----	----
2440(MHz)	- 11.76 dB	342.00 deg	- 24.92 dB	147.00 deg	----	-16.01 dB	4.07	----	----	----
2460(MHz)	- 12.43 dB	39.00 deg	- 24.96 dB	138.00 deg	----	-16.39 dB	3.96	----	----	----
2483(MHz)	- 12.28 dB	33.00 deg	- 23.97 dB	138.00 deg	----	-16.81 dB	3.53	----	----	----

2500(MHz)	-12.84 dB	30.00 deg	-23.44 dB	138.00 deg	----	-17.30 dB	3.29	----	----	----
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▲ NF to FF transform Efficiency

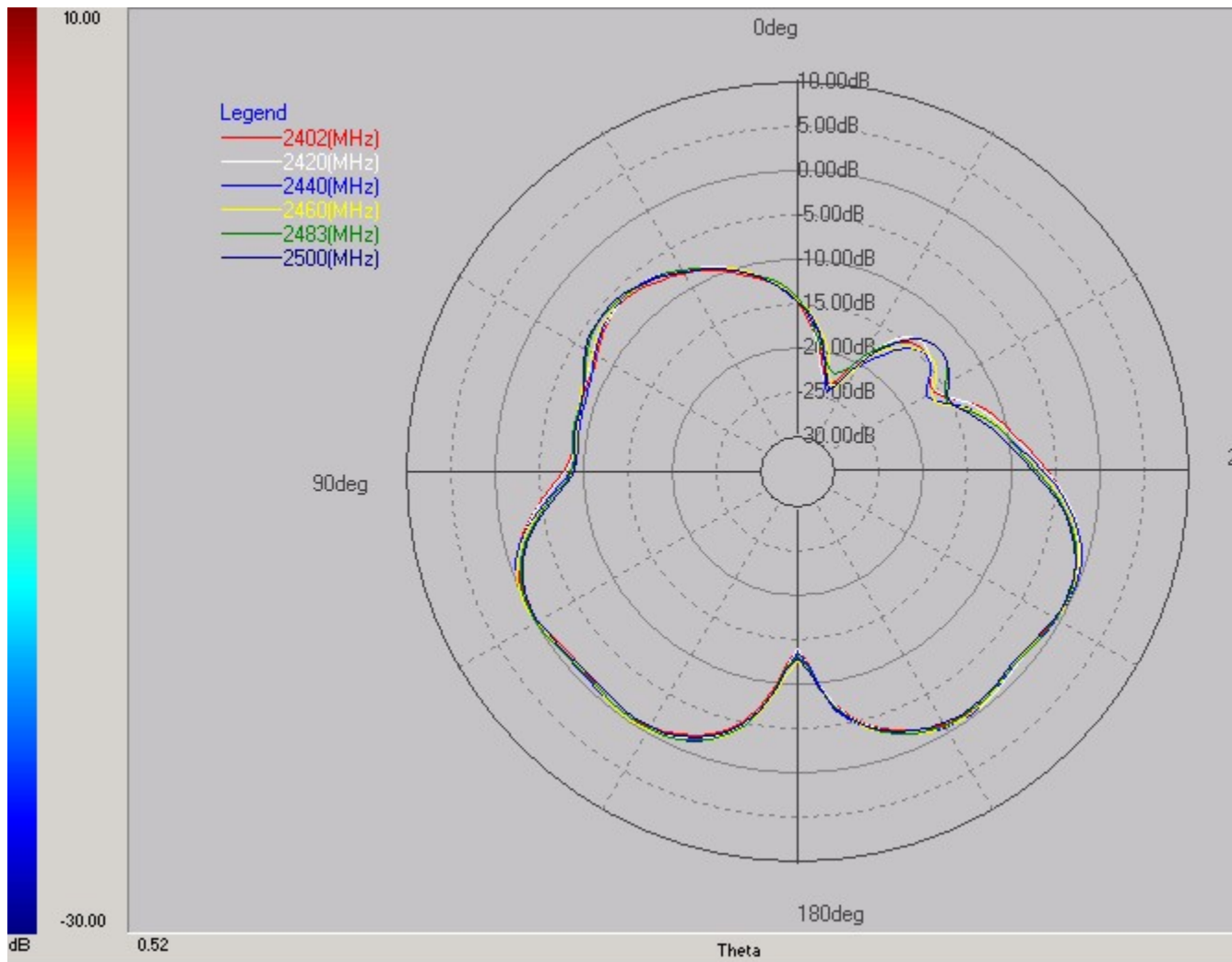
Efficiency



▲ FREE - BlueS2

▲ Phi=0.00deg

E Total. dB



Average



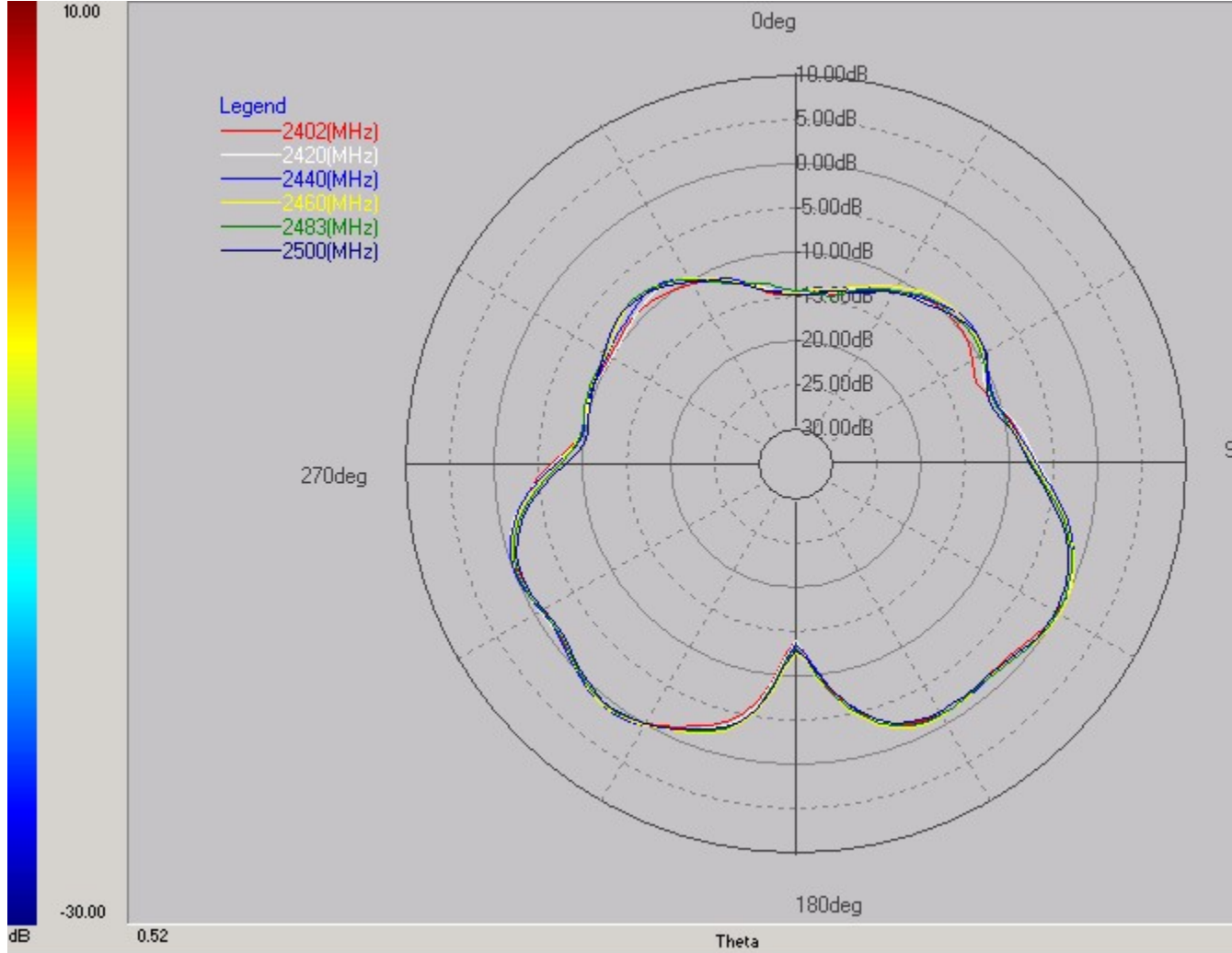
- 1:- 5.806 dB
- 2:0 dB
- 3:0 dB
- 4:- 5.806 dB

Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	-0.18 dB	117.00 deg	- 23.72 dB	-21.00 deg	61.80 deg	-5.81 dB	6.35	----	----	----
2420(MHz)	0.08 dB	117.00 deg	- 23.90 dB	-21.00 deg	61.55 deg	-5.59 dB	6.47	----	----	----
2440(MHz)	0.16 dB	117.00 deg	- 24.79 dB	-21.00 deg	61.32 deg	-5.65 dB	6.60	----	----	----
2460(MHz)	0.16 dB	117.00 deg	- 23.94 dB	-24.00 deg	60.85 deg	-5.67 dB	6.36	----	----	----
2483(MHz)	-0.03 dB	117.00 deg	- 22.41 dB	-21.00 deg	61.20 deg	-5.70 dB	6.15	----	----	----

2500(MHz)	-0.28 dB	117.00 deg	-24.37 dB	-21.00 deg	60.66 deg	-5.91 dB	6.19	----	----	----
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▲ Phi=90.00deg

E Total. dB



Average



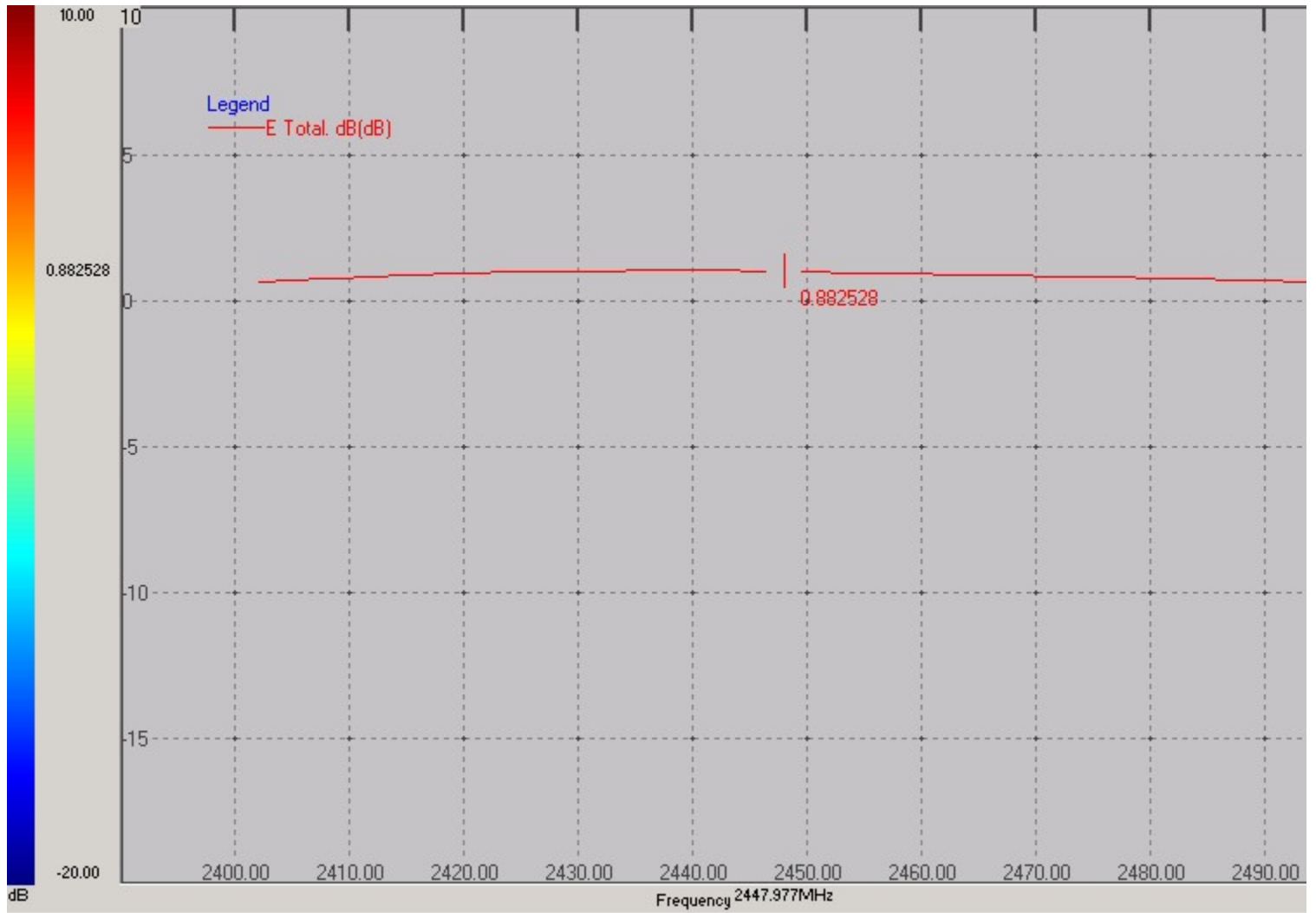
- 1:-5.653 dB
- 2:0 dB
- 3:0 dB
- 4:-5.653 dB

Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	0.53 dB	-141.00 deg	-15.17 dB	-3.00 deg	60.69 deg	-5.65 dB	5.02	----	----	----
2420(MHz)	0.84 dB	-144.00 deg	-14.91 dB	0.00 deg	60.02 deg	-5.42 dB	5.02	----	----	----
2440(MHz)	0.93 dB	-141.00 deg	-15.09 dB	3.00 deg	60.43 deg	-5.33 dB	4.98	----	----	----

2460(MHz)	0.80 dB	-141.00 deg	-14.89 dB	-3.00 deg	61.87 deg	-5.30 dB	4.87	----	----	----
2483(MHz)	0.65 dB	-141.00 deg	-14.90 dB	9.00 deg	61.02 deg	-5.46 dB	4.87	----	----	----
2500(MHz)	0.45 dB	-144.00 deg	-15.18 dB	0.00 deg	60.76 deg	-5.70 dB	4.85	----	----	----

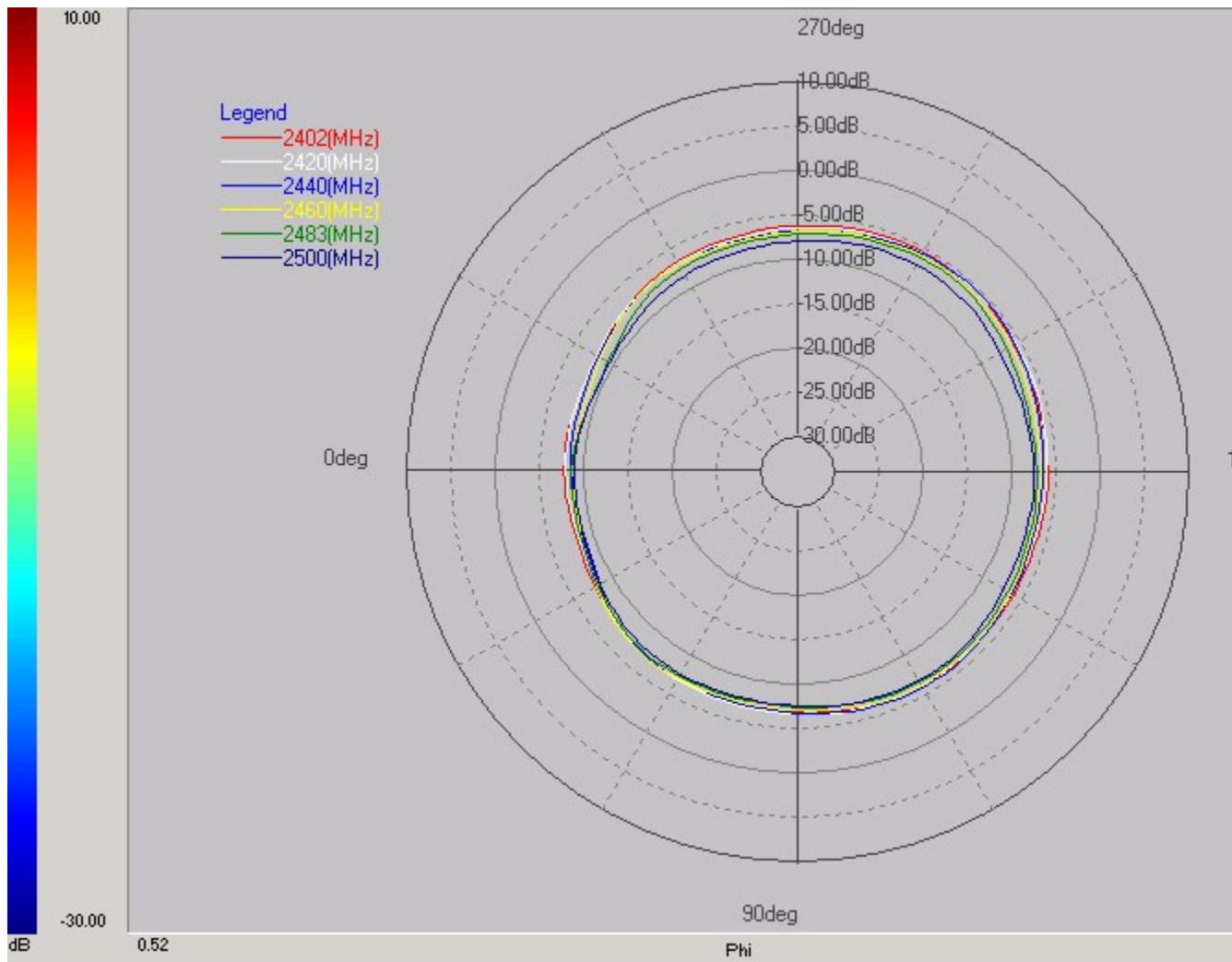
▲ NF to FF transform Maximum Maximum

E Total. dB



▲ Theta=90.00deg

E Total. dB



Average



- 1:-
6.6
94
dB
- 2:0
dB
- 3:0
dB
- 4:-
6.6
94
dB

Layer	Max value	Position	Min value	Position	BeamWidth	Average	Standard deviation	Marker 1 pos	Marker 1 value	Marker 2 pos
2402(MHz)	-5.57 dB	228.00 deg	-8.10 dB	336.00 deg	----	-6.69 dB	0.79	----	----	----
2420(MHz)	-5.57 dB	219.00 deg	-8.33 dB	21.00 deg	----	-6.74 dB	0.82	----	----	----
2440(MHz)	-5.52 dB	222.00 deg	-8.87 dB	15.00 deg	----	-6.93 dB	0.95	----	----	----
2460(MHz)	-5.98 dB	225.00 deg	-8.98 dB	345.00 deg	----	-7.13 dB	0.86	----	----	----
2483(MHz)	-6.29 dB	231.00 deg	-9.60 dB	336.00 deg	----	-7.48 dB	0.84	----	----	----
2500(MHz)	-6.75 dB	126.00 deg	-9.72 dB	333.00 deg	----	-7.97 dB	0.79	----	----	----

▲ NF to FF transform Efficiency

Efficiency

