

Date	04 Jun 2004		
Call Letters	WUTB-DT	Channel	41
Location	Baltimore, MD		
Customer			
Antenna Type	TFU-10DSC-R C170		

ELEVATION PATTERN

RMS Gain at Main Lobe	9.5 (9.78 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	8.4 (9.24 dB)	Frequency	635.00 MHz
Calculated / Measured	Calculated	Drawing #	10Q095100-90

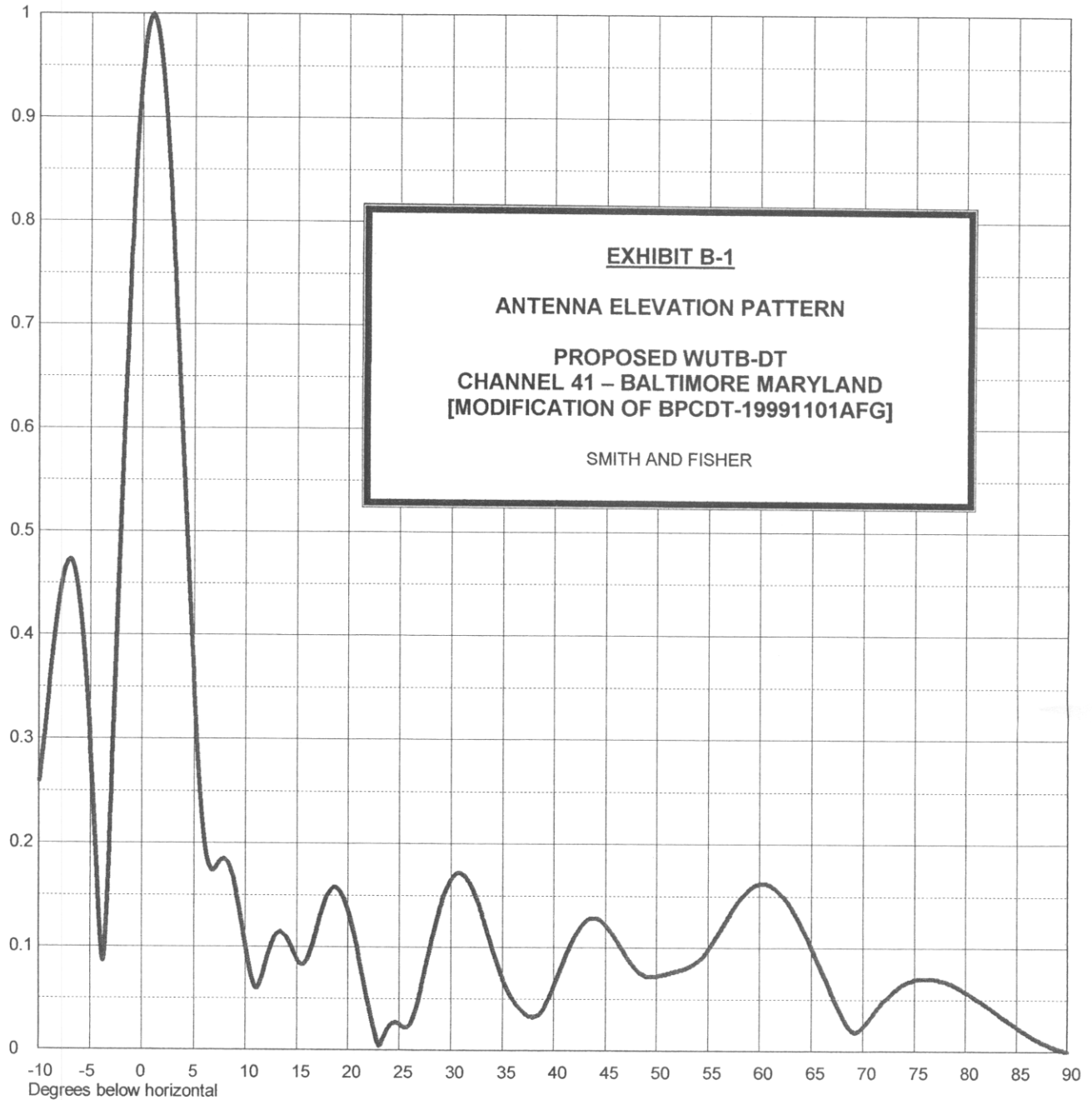


EXHIBIT B-1

ANTENNA ELEVATION PATTERN
 PROPOSED WUTB-DT
 CHANNEL 41 – BALTIMORE MARYLAND
 [MODIFICATION OF BPCDT-19991101AFG]

SMITH AND FISHER

Remarks:



EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE MARYLAND
[MODIFICATION OF BPCDT-19991101AFG]

SMITH AND FISHER

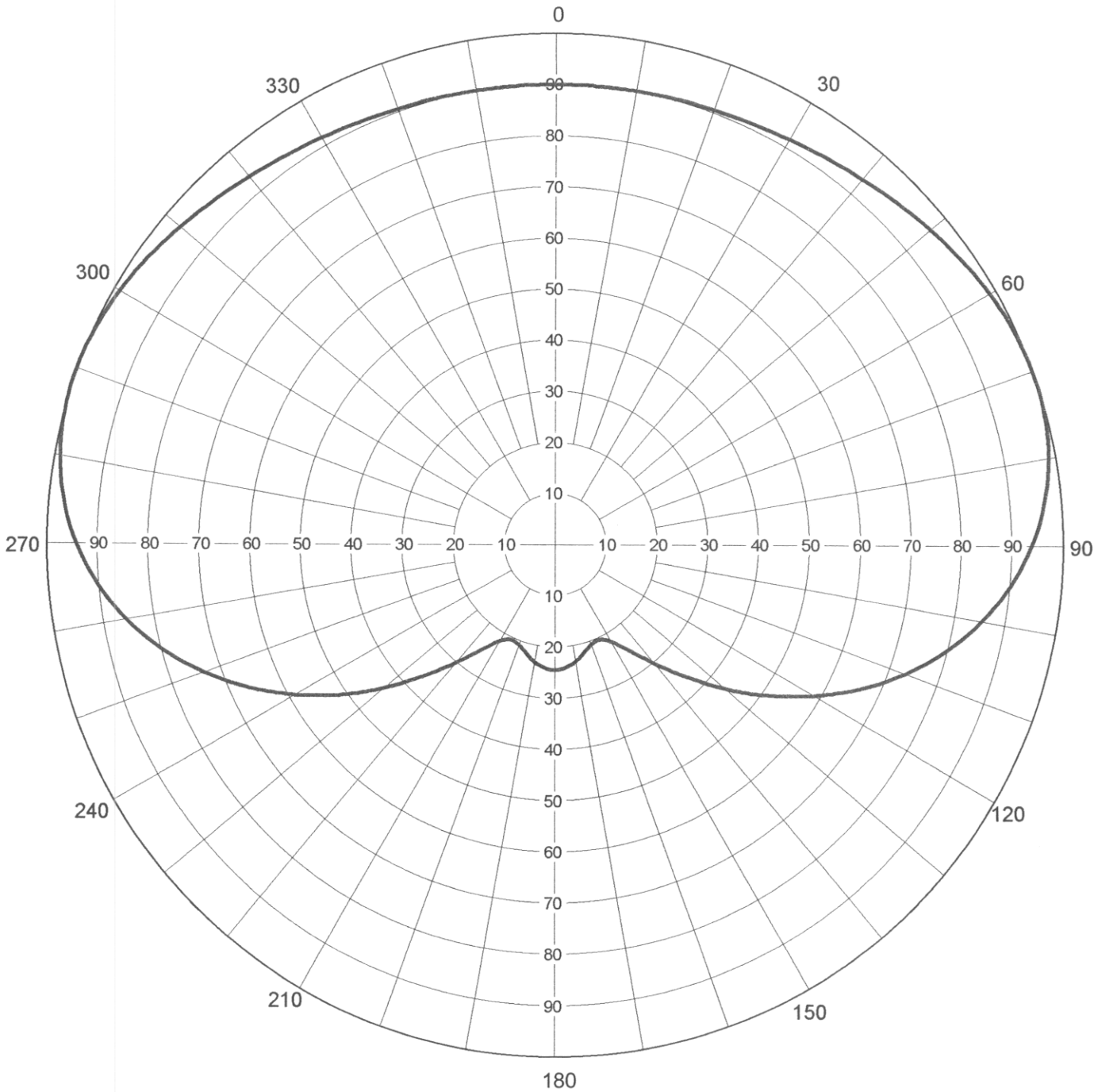
AZIMUTH PATTERN

RMS Gain at Main Lobe
Calculated / Measured

1.70 (2.30 dB)
Calculated

Frequency
Drawing #

635 MHz
TFU-C170



Remarks:



Exhibit No.

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TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # TFU-C170

Angle	Field	ERP (kW)	ERP (dBk)
0	0.899	161.6	22.09
10	0.900	162.0	22.10
20	0.905	163.8	22.14
30	0.917	168.2	22.26
40	0.936	175.2	22.44
50	0.963	185.5	22.68
60	0.988	195.2	22.91
70	1.000	200.0	23.01
80	0.987	194.8	22.90
90	0.940	176.7	22.47
100	0.854	145.9	21.64
110	0.733	107.5	20.31
120	0.588	69.1	18.40
130	0.437	38.2	15.82
140	0.302	18.2	12.61
150	0.218	9.5	9.78
160	0.207	8.6	9.33
170	0.232	10.8	10.32
180	0.245	12.0	10.79
190	0.232	10.8	10.32
200	0.207	8.6	9.33
210	0.218	9.5	9.78
220	0.302	18.2	12.61
230	0.437	38.2	15.82
240	0.588	69.1	18.40
250	0.733	107.5	20.31
260	0.854	145.9	21.64
270	0.940	176.7	22.47
280	0.987	194.8	22.90
290	1.000	200.0	23.01
300	0.988	195.2	22.91
310	0.963	185.5	22.68
320	0.936	175.2	22.44
330	0.917	168.2	22.26
340	0.905	163.8	22.14
350	0.900	162.0	22.10

Maxima

Angle	Field	ERP (kW)	ERP (dBk)
71	1.000	200.0	23.01
180	0.245	12.0	10.79
289	1.000	200.0	23.01

Minima

Angle	Field	ERP (kW)	ERP (dBk)
0	0.899	161.6	22.09
156	0.204	8.3	9.20
204	0.204	8.3	9.20

EXHIBIT B-3

ANTENNA RELATIVE FIELD VALUES

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE MARYLAND
[MODIFICATION OF BPCDT-19991101AFG]

SMITH AND FISHER

Remarks: