GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

NIGHTTIME FEASIBILITY STUDY
SOUTH TEXAS BROADCASTING, INC.
KTEK AM RADIO STATION
1110 kHz - 2.5 KW - DAD
ALVIN, TEXAS
September 2007

TECHNICAL EXHIBIT

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This Feasibility Study and attached exhibits were prepared on behalf of South Texas Broadcasting, Inc., at the request of Jon Lunsford. This study will examine the possibility and /or feasibility of adding nighttime service to AM Broadcast Station KTEK, 1110 kHz, Alvin, Texas. KTEK currently operates with 2.5 kilowatts with a directional antenna system both daytine and Critical Hours. Nighttime service might include a simple non-directional antenna or a directional antenna system utilizing the existing towers for KTEK.

Exhibit #1 is a printout of the nighttime radiation limitations to the operation of KTEK. The most severe limitation is co-channel Class A station KFAB, Omaha, Nebraska. The next most severe limitation is co-channel Class A station WBT, Charlotte, North Carolina. Due to the limitations of KFAB, the maximum non-directional power for KTEK at night is 3 watts. This clearance is shown on Exhibit #2.

By manipulating the present towers and power, we have demonstrated that, during nighttime hours, the maximum power of the station (using the existing 6 towers) is approximately 100 watts. Exhibit #3 shows the present directional array, reversed to limit radiation toward KFAB. Exhibit #4 shows the nighttime interference free service of KTEK operating in this configuration.

We have tried to be as accurate as possible in the preparation of this report. Should there be any questions concerning the information contained herein, we welcome the opportunity to discuss the matter by phone (912) 638-8028 or e-mail at rsg@grahambrock.com.

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SOUTH TEXAS BROADCASTING, INC.
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EHIBIT #1

Night Radiation Limits

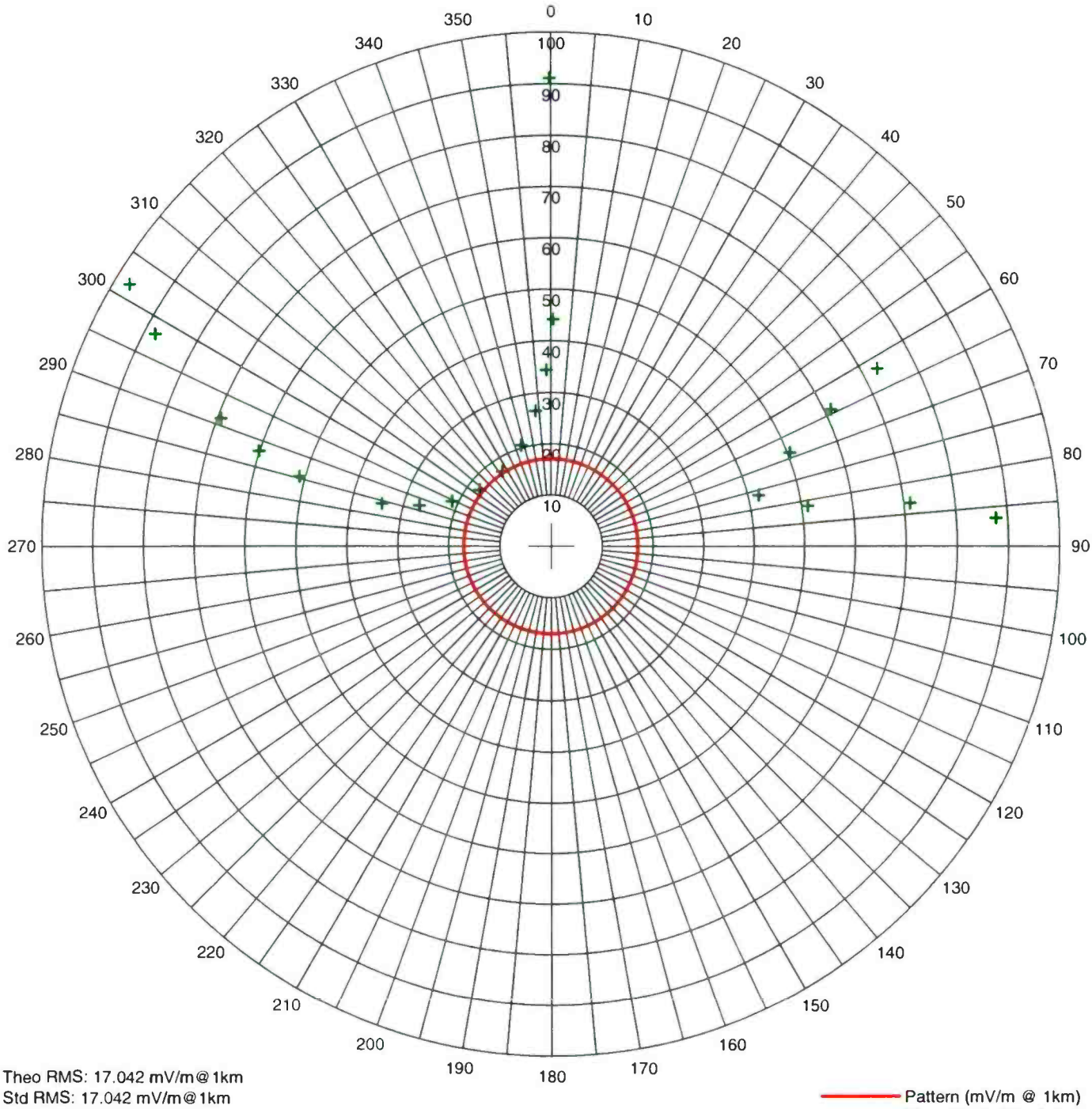
Frequency: 1110 kHz

Latitude: 29-22-51 N Longitude: 095-14-15 W

Radiation limits above 100.0 mV/m@1km are not shown.

	Ct	St	City	Azimuth (Deg)	Min Theta (Deg)	Max Theta (Deg)	Limit (mV/m @ 1km)
KFAB (65)	US	NE	OMAHA	359.8	3.2	7.2	91.1
KFAB (170)	US	NE	OMAHA	0.6	7.4	13.4	44.1
KFAB (210)	US	NE	OMAHA	284.1	9.4	16.3	34.1
KFAB (220)	US	NE	OMAHA	285.5	6.2	11.6	51.1
KFAB (205)	US	NE	OMAHA	287.2	11.7	19.7	26.9
KFAB (225)	US	NE	OMAHA	288.0	5.1	10.0	60.1
KFAB (230)	US	NE	OMAHA	291.1	4.3	8.7	69.3
KFAB (200)	US	NE	OMAHA	294.4	14.5	23.8	21.2
KFAB (240)	US	NE	OMAHA	298.1	2.9	6.9	87.9
KFAB (245)	US	NE	OMAHA	301.7	2.5	6.2	97.1
KFAB (195)	US	NE	OMAHA	308.2	17.1	27.4	17.7
KFAB (190)	US	NE	OMAHA	327.0	17.4	27.8	17.3
KFAB (185)	US	NE	OMAHA	343.5	14.9	24.4	20.6
KFAB (180)	US	NE	OMAHA	353.4	11.9	20.0	26.6
KFAB (175)	US	NE	OMAHA	358.5	9.4	16.4	34.3
WBT (245)	US	NC	CHARLOTTE	61.8	4.1	8.5	73.0
WBT (240)	US	NC	CHARLOTTE	64.2	5.1	10.0	61.3
WBT (235)	US	NC	CHARLOTTE	68.8	6.3	11.8	50.5
WBT (230)	US	NC	CHARLOTTE	76.3	7.7	13.7	42.1
WBT (225)	US	NC	CHARLOTTE	81.2	7.5	13.5	51.2
WBT (220)	US	NC	CHARLOTTE	83.2	6.8	12.5	71.3
WBT (215)	US	NC	CHARLOTTE	86.4	6.3	11.8	87.7

Night Non-Directional



Theo RMS: 17.042 mV/m@1km
Std RMS: 17.042 mV/m@1km
Meas RMS: 0.0 mV/m@1km
Q: 15.8 mV/m@1km

Horizontal Plane Standard Pattern

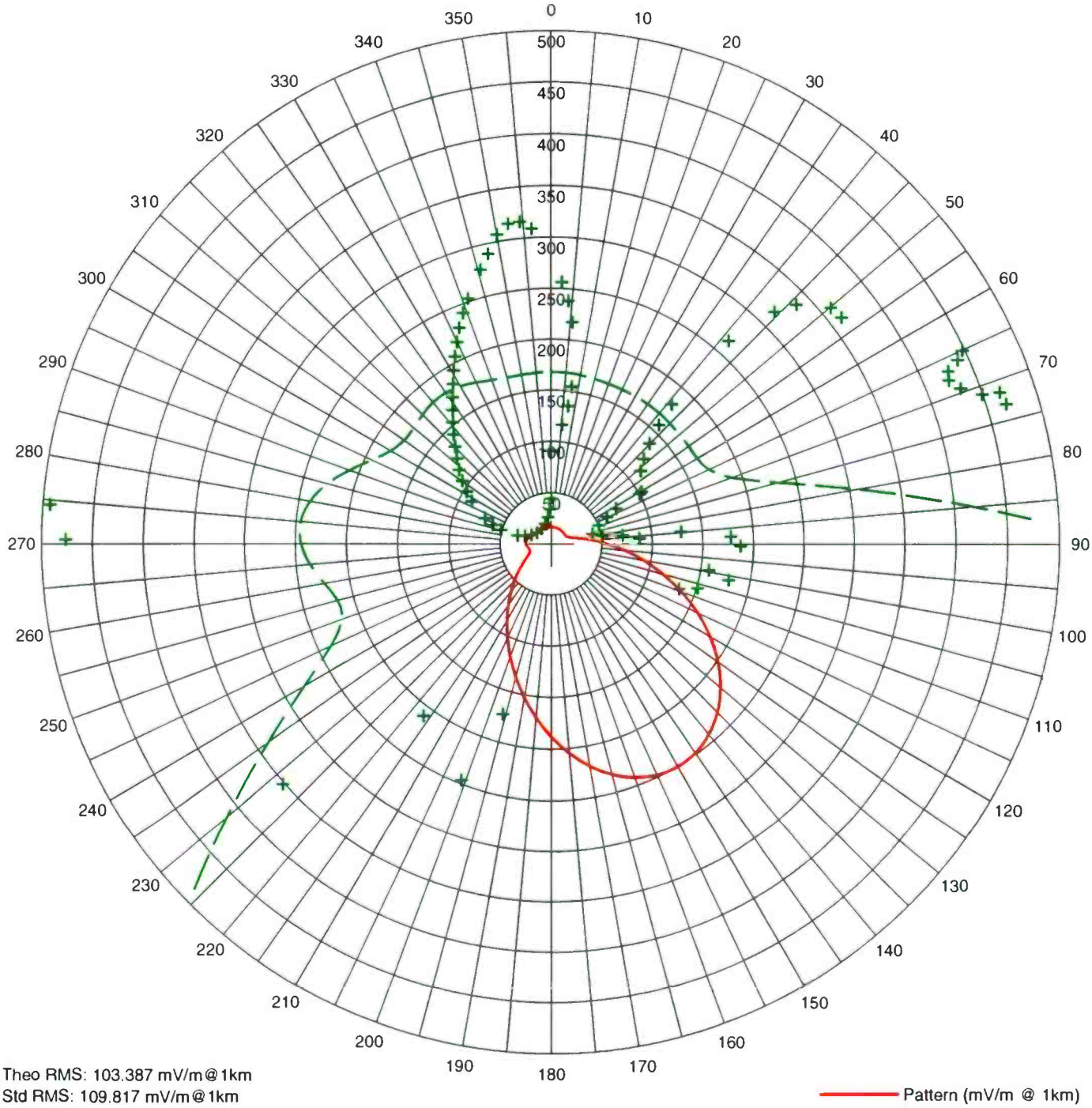
Pattern (mV/m @ 1km)
Meas Pat (mV/m@1km)
Pattern X10
Meas Pat X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	98.0	0	0	0.0	0.0	0.0	0.0

Call: KTEK
Freq: 1110 kHz
ALVIN, TX, US
Lat: 29-22-51 N
Lng: 095-14-15 W
Power: 0.003 kW
Theo RMS: 311.14 mV/m @ 1km

EXHIBIT #2

NIGHT DIRECTIONAL / REVERSE PATTERN



Theo RMS: 103.387 mV/m@1km
Std RMS: 109.817 mV/m@1km
Meas RMS: 0.0 mV/m@1km
Q: 15.8 mV/m@1km

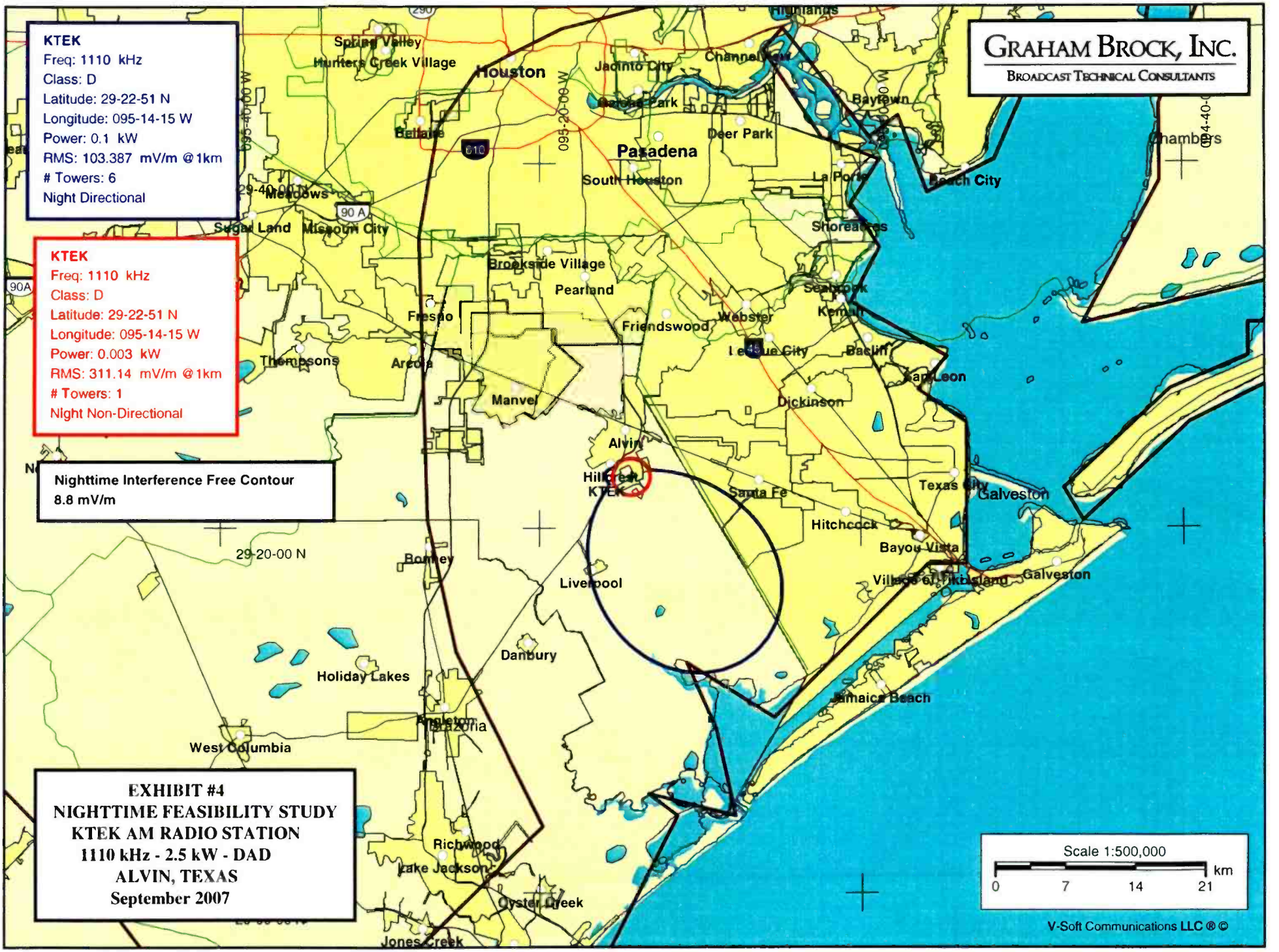
Horizontal Plane Standard Pattern

Pattern (mV/m @ 1km)
Meas Pat (mV/m@1km)
Pattern X10
Meas Pat X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.467	-132.1	0.0	0.0	98.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	80.0	325.0	98.0	0	0	0.0	0.0	0.0	0.0
3	0.659	128.2	160.0	325.0	98.0	0	0	0.0	0.0	0.0	0.0
4	0.446	-171.3	143.6	226.0	98.0	0	0	0.0	0.0	0.0	0.0
5	0.950	-38.2	80.0	325.0	98.0	1	0	0.0	0.0	0.0	0.0
6	0.626	88.1	80.0	325.0	98.0	1	0	0.0	0.0	0.0	0.0

Call: KTEK
Freq: 1110 kHz
ALVIN, TX, US
Lat: 29-22-51 N
Lng: 095-14-15 W
Power: 0.1 kW
Theo RMS: 103.39 mV/m @ 1km

EXHIBIT #3


KTEK
Freq: 1110 kHz
Class: D
Latitude: 29-22-51 N
Longitude: 095-14-15 W
Power: 0.1 kW
RMS: 103.387 mV/m @1km
Towers: 6
Night Directional
KTEK
Freq: 1110 kHz
Class: D
Latitude: 29-22-51 N
Longitude: 095-14-15 W
Power: 0.003 kW
RMS: 311.14 mV/m @1km
Towers: 1
Night Non-Directional
Nighttime Interference Free Contour
8.8 mV/m
GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS
EXHIBIT #4
NIGHTTIME FEASIBILITY STUDY
KTEK AM RADIO STATION
1110 kHz - 2.5 kW - DAD
ALVIN, TEXAS
September 2007
Scale 1:500,000
0 7 14 21 km
V-Soft Communications LLC ® ©
Houston
Pasadena
Alvin
Pearland
Friendswood
Manvel
Dickinson
Santa Fe
Hitchcock
Galveston
Texas City
Bayou Vista
Jamaica Beach
Danbury
Holiday Lakes
West Columbia
Angleton
Lake Jackson
Richwood
Oyster Creek
Jones Creek
Liverpool
Bonney
Brookside Village
Seabrook
Kemah
Webster
League City
Clear Lake Shores
Shoreacres
La Porte
Deer Park
Baytown
Channelview
Jacinto City
Spring Valley
Hunters Creek Village
Bellaire
Meadows
Sugar Land
Missouri City
Fresno
Arcola
Thompsons
Baclift
San Leon
Bayou Vista
Village of Tiki Island
Galveston
Chambers
610
90 A
90A
45
29-20-00 N
29-40-00 N
095-40-00 W
095-20-00 W