DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R106	Hollywood Hiils Elementar	26- 1-30.0	80-10-50.0	MARK P25A48	none
R107	Colbert Elementary	26- 0- 0.0	80- 9-41.0	MARK P25A72G	none
R108	McNicol Middle	25-59-54.0	80- 9-42.0	MARK P25A72G	none
R109	Stirling Elementary	26- 2-37.0	80-12- 2.0	MARK P25A48G	none
R110	Hallandale Elementary	25-59- 2.0	80- 9-10.0	MARK P25A48G	none
R111	Hallandale High	25-59-35.0	80- 9-43.0	MARK P25A72G	none
R112	South Area Alternative Ct	25-59-35.0	80- 9-53.0	MARK P25A48	none
R113	Hallandale Adult Comm Ctr	25-58-49.0	80- 9-47.0	REF	none
R114	Sheridan Hill Elementary	26- 1-50.0	80-11-56.0	MARK P25A48	none
R115	Orange Brook Elementary	26- 0-13.0	80-11-20.0	MARK P25A48	none
R116	Sheridan Voc-Tech Ctr.	26- 1-53.0	80-12-29.0	MARK P25A48	none
R117	Lake Forest Elementary	25-58-44.0	80-11-31.0	ANDREW P4F-25	none
R118	Quest Center	26- 2-24.0	80-13- 4.0	ANDREW P2F-25A	none
R119	Watkins Elementary	25-58-40.0	80-11-51.0	ANDREW P4F-25	none
R120	West Hollywood Elementary	26- 0-41.0	80-12-52.0	MARK P25A48	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C* O D E
R106 Hol	5.4	140.9	58.0	119.8	17.5	1.7	61.2	130.0	139.2	-50.0	56.9	
R107 Col	7.5	142.2	58.0	122.6	15.8	6.2	61.1	129.1	136.0	-42.0	45.3	
R108 McN	7.6	142.8	58.0	122.7	15.7	6.2	61.1	129.0	136.6	-42.0	45.2	
R109 Sti	3.6	143.3	58.0	116.3	18.8	357.8	61.3	130.6	145.6	-39.0	50.0	
R110 Hal	8.7	143.9	58.0	123.9	14.8	8.7	61.0	128.5	135.2	-42.0	43.6	CON
R111 Hal	7.9	144.5	58.0	123.0	15.3	6.3	61.1	128.8	138.3	-42.0	44.7	CON
R112 Sou	7.8	145.5	58.0	122.9	15.3	5.6	61.1	128.8	139.9	-50.0	52.7	
R113 Hal	8.6	148.3	58.0	123.8	14.5	6.4	61.1	128.3	142.0	-44.2	45.6	
R114 She	4.4	149.2	58.0	118.1	17.9	358.0	61.3	130.1	151.2	-50.0	58.8	
R115 Ora	6.4	153.0	58.0	121.2	16.0	360.0	61.3	129.2	153.0	-50.0	54.7	
R116 She	4.1	155.6	58.0	117.4	17.9	356.2	61.3	130.2	159.4	-50.0	59.5	
R117 Lak	7.9	159.9	58.0	123.0	14.3	359.2	61.3	128.2	160.6	-36.0	37.9	CON
R118 Que	3.4	160.8	58.0	115.6	18.6	354.5	61.3	130.5	166.3	-32.0	43.6	CON
R119 Wat	7.8	162.4	58.0	123.0	14.2	357.8	61.3	128.2	164.6	-36.0	37.9	CON
R120 Wes	5.3	165.7	58.0	119.6	16.6	354.5	61.3	129.5	171.2	-40.6	47.3	

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

TABLE 3 (PAGE 9 OF 13)

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R121	McAuthur High	26- 0-38.0	80-13- 4.0	MARK P25A72G	none
R122	T.C.I. of South Flordia	25-56-41.0	80-12-16.0	ANDREW P4F-25	none
R123	Nova Eisenhower Elementar	26- 4-22.0	80-13-59.0	MARK P25A24	none
R124	Pembroke Pine Elementary	26- 0- 6.0	80-13-19.0	MARK P25A48	none
R125	Apollo Middle	26- 1-10.0	80-13-32.0	REF	none
R126	Nova Blanche Forman Eleme	26- 4-27.0	80-14- 2.0	MARK P25A24	none
R127	Driftwood Middle	26- 2- 4.0	80-13-44.0	ANDREW P2F-25A	none
R128	Hollywood Park Elementary	26- 1- 1.0	80-13-39.0	MARK P25A48G	none
R129	Miramar Elementary	25-59-15.0	80-13-30.0	MARK P25A48G	none
R130	Sheridan Park Elementary	26- 1-47.0	80-13-48.0	MARK P25A24	none
R131	Annabel C. Perry Elementa	25-58-44.0	80-13-32.0	MARK P25A48G	none
R132	Henry D. Perry Middle	25-58-45.0	80-13-39.0	MARK P25A48G	none
R133	Boulevard Heights Element	26- 1- 3.0	80-14- 1.0	MARK P25A24	none
R134	Sunshine Elementary	25-59- 5.0	80-14-25.0	MARK P25A72G	none
R135	Fairway Elementary	25-58-31.0	80-15-14.0	MARK P25A72G	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C* O D E
R121 McA	5.3	168.0	58.0	119.6	16.6	353.8	61.2	129.5	174.3	-44.0	50.6	
R122 T.C	9.9	168.8	58.0	125.1	12.0	355.4	61.3	126.7	173.4	-36.0	34.3	CON
R123 Nov	0.9	170.2	58.0	104.3	20.9	352.5	61.2	131.5	177.7	-38.0	62.0	
R124 Pem	5.9	171.7	58.0	120.5	16.0	352.6	61.2	129.2	179.1	-37.0	42.5	CON
R125 Apo	4.6	172.3	58.0	118.4	17.2	352.4	61.2	129.8	179.9	-45.0	53.2	
R126 Nov	0.8	172.6	58.0	103.3	21.0	352.4	61.2	131.6	179.7	-38.0	63.0	
R127 Dri	3.6	173.3	58.0	116.2	18.3	352.2	61.2	130.4	178.8	-32.0	43.0	CON
R128 Hol	4.8	174.0	58.0	118.7	17.1	351.9	61.2	129.8	177.9	-39.0	46.8	
R129 Mir	6.8	174.5	58.0	121.8	15.0	351.4	61.2	128.7	176.9	-39.0	42.7	CON
R130 She	3.9	174.9	58.0	116.9	18.0	351.8	61.2	130.2	176.9	-38.0	48.1	
R131 Ann	7.4	175.2	58.0	122.5	14.5	350.9	61.2	128.3	175.7	-39.0	41.6	CON
R132 Hen	7.4	176.1	58.0	122.5	14.5	350.5	61.1	128.3	174.3	-39.0	41.7	CON
R133 Bou	4.7	178.5	58.0	118.6	17.2	350.7	61.2	129.8	172.1	-38.0	46.0	
R134 Sun	7.0	182.4	58.0	122.0	15.0	347.7	61.0	128.6	165.3	-44.0	47.6	
R135 Fai	7.7	188.5	58.0	122.9	14.6	343.9	60.8	128.4	155.4	-44.0	46.7	

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R136	Whispering Pines School	25-58-31.0	80-15-14.0	MARK P25A48G	none
R137	Nova High	26- 4-32.0	80-14-35.0	MARK P25A24	none
R138	Miramar High School	25-58-31.0	80-15-41.0	MARK P25A72G	none
R139	Pines High School	26- 0-32.0	80-15-52.0	MARK P25A24	none
R140	Sea Castle Elementary	25-59-13.0	80-16-28.0	MARK P25A72G	none
R141	Davie Elementary	26- 4-22.0	80-14-27.0	REF	none
R142	Pasasdena Lakes Elementar	26- 1-43.0	80-15-43.0	MARK P25A48G	none
R143	Palm Cove Elementary	26- 0- 5.0	80-18-13.0	MARK P25A72G	none
R144	Cooper City High	26- 2-42.0	80-16-25.0	MARK P25A24	none
R145	Pioneer Middle	26- 3- 3.0	80-16- 7.0	REF	none
R146	Pines Lakes Elementary	26- 0-51.0	80-18-17.0	MARK P25A72G	none
R147	Pembroke Lakes Elementary	26- 1-28.0	80-18-20.0	MARK P25A24	none
R148	Walter C. Young Res. Cent	26- 0-45.0	80-19-18.0	MARK P25A48G	none
R149	Embassy Creek Elementary	26- 1-47.0	80-18-20.0	MARK P25A48G	none
R150	Cooper City Elementary	26- 3-26.0	80-16-26.0	ANDREW P2F-25A	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C* O D E
R136 Whi	7.7	188.5	58.0	122.9	14.6	343.9	60.8	128.4	155.4	-39.0	41.7	CON
R137 Nov	0.8	213.3	58.0	103.7	21.2	350.9	61.2	131.6	137.6	-38.0	62.8	
R138 Mir	7.8	191.9	58.0	123.0	14.7	342.2	60.7	128.5	150.3	-42.8	45.6	
R139 Pin	5.6	198.6	58.0	120.1	17.0	344.0	60.8	129.7	145.3	-38.0	44.8	CON
R140 Sea	7.2	199.5	58.0	122.3	15.8	340.3	60.6	129.1	140.8	-42.0	46.1	
R141 Dav	1.0	200.0	58.0	104.8	21.0	351.2	61.2	131.6	151.2	-45.0	68.6	
R142 Pas	4.3	202.5	58.0	117.7	18.3	345.6	60.9	130.4	143.1	-39.0	48.7	
R143 Pal	7.2	215.9	58.0	122.3	17.4	335.8	60.4	129.9	119.8	-42.0	47.3	
R144 Coo	3.7	219.9	58.0	116.4	19.6	344.4	60.9	130.9	124.4	-38.0	49.6	
R145 Pio	3.2	220.3	58.0	115.1	19.9	345.6	60.9	131.1	125.2	-41.9	54.9	
R146 Pin	6.6	220.9	58.0	121.4	18.2	336.7	60.4	130.3	115.8	-42.0	48.5	
R147 Pem	6.1	225.7	58.0	120.8	18.9	337.4	60.4	130.6	111.7	-38.0	45.4	
R148 Wal	7.4	226.6	58.0	122.5	18.5	333.6	60.3	130.5	107.0	-42.0	47.8	
R149 Emb	5.8	228.3	58.0	120.4	19.2	337.9	60.5	130.8	109.6	-42.0	49.9	
R150 Coo	3.1	230.3	58.0	114.9	20.4	345.0	60.9	131.3	114.7	-32.0	45.5	

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

TABLE 3 (PAGE 11 OF 13)

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R151	Griffin Elementary	26- 3-21.0	80-18-11.0	MARK P25A24	none
R152	Silver Ridge Elementary	26- 4-30.0	80-16- 7.0	MARK P25A72G	none
R153	Hawkes Bluff Elementary	26- 2-43.0	80-21-41.0	MARK P25A72G	none
R154	Country Isles Elementary	26- 5-45.0	80-22-21.0	MARK P25A48G	none
R155	Tequesta Trace Middle	26- 6-16.0	80-23-29.0	MARK P25A48G	none
R156	Gulf & Pacific Community	26- 6-11.0	80-21-49.0	REF	none
R157	Indian Trace Elementary	26- 6-54.0	80-23-31.0	MARK P25A72G	none
R158	Western High	26- 6-17.0	80-19-45.0	MARK P25A24	none
R159	Flamingo Elementary	26- 6-17.0	80-19-32.0	MARK P25A24	none
R160	Sawgrass Elementary	26- 7-54.0	80-19- 9.0	MARK P25A48G	none
R161	Central Park Elementary	26- 7-47.0	80-17- 1.0	MARK P25A72G	none
R162	Nob Hill Elementary	26- 9- 3.0	80-17-12.0	REF	none
R163	Sandpiper Elementary	26-10-18.0	80-17-44.0	MARK P25A48G	none
R164	Welleby Elementary	26-10- 3.0	80-17- 2.0	MARK P25A48G	none
R165	Blair Middle	26- 9- 3.0	80-16-15.0	REF	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C* O D E
R151 Gri	4.7	243.7	58.0	118.5	20.8	340.1	60.6	131.5	96.4	-38.0	48.4	
R152 Sil	2.2	250.0	58.0	111.9	21.5	346.7	61.0	131.8	96.7	-42.0	58.9	
R153 Haw	8.3	250.3	58.0	123.5	21.7	330.4	60.1	131.8	80.1	-42.0	48.2	
R154 Cou	8.5	274.7	58.0	123.7	25.1	333.0	60.2	133.1	58.3	-42.0	49.1	
R155 Teq	9.8	277.6	58.0	124.9	26.2	331.3	60.2	133.5	53.7	-42.0	48.4	
R156 Gul	8.0	278.5	58.0	123.2	25.3	334.6	60.3	133.2	56.1	-36.0	43.7	CON
R157 Ind	9.9	281.8	58.0	125.0	26.8	332.0	60.2	133.7	50.2	-42.0	48.4	
R158 Wes	6.0	282.7	58.0	120.6	24.6	339.3	60.5	132.9	56.6	-38.0	47.8	
R159 Fla	5.7	283.2	58.0	120.3	24.5	339.7	60.6	132.9	56.6	-38.0	48.0	
R160 Saw	6.1	301.4	58.0	120.8	26.1	342.0	60.7	133.4	40.5	-42.0	51.9	
R161 Cen	4.3	315.5	58.0	117.7	25.4	346.6	61.0	133.2	31.1	-40.4	53.0	
R162 Nob	5.5	324.8	58.0	119.9	26.8	346.9	61.0	133.7	22.1	-36.0	46.8	
R163 San	7.0	327.9	58.0	122.0	28.4	346.5	61.0	134.2	18.6	-38.0	47.2	
R164 Wel	6.4	332.0	58.0	121.2	27.9	347.8	61.0	134.0	15.8	-38.0	47.8	
R165 Bla	5.0	334.0	58.0	119.1	26.6	349.0	61.1	133.6	15.0	-35.9	47.3	

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R166	Horizon Elementary	26- 9- 4.0	80-16- 9.0	MARK P25A24	none
R167	Westpine Middle	26-11-11.0	80-16-20.0	MARK P25A48G	none
R168	Banyan Elementary	26-11- 7.0	80-16- 9.0	REF	none
R169	Westchester Elementary	26-15-35.0	80-17-26.0	ANDREW P4F-25	none
R170	Riverside Elementary	26-13-57.0	80-16-48.0	MARK P25A48G	none
R171	Coral Springs Elementary	26-16-23.0	80-17-27.0	MARK P25A48	none
R172	Cable TV of Coral Springs	26-16-35.0	80-17-29.0	REF	none
R173	Piper High	26-10-36.0	80-15-26.0	MARK P25A48G	none
R174	Travella High	26-13-55.0	80-16-11.0	MARK P25A24	none
R175	Mirror Lake Elementary	26- 8-25.0	80-14-41.0	MARK P25A24	none
R176	Coral Springs Middle	26-17-10.0	80-15-53.0	MARK P25A72G	none
R177	Country Hills Elementary	26-17-50.0	80-15-54.0	MARK P25A48G	none
R178	Stoneman Douglas High	26-18-18.0	80-15-58.0	MARK P25A48G	none
R179	Tamarac Elementary	26-12-58.0	80-15-13.0	MARK P25A48	none
R180	Maplewood Elementary	26-14-39.0	80-15-25.0	MARK P25A24	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C*ODE
R166 Hor	5.0	335.2	58.0	119.0	26.6	349.2	61.1	133.6	14.0	-30.0	41.5	CON
R167 Wes	7.3	341.9	58.0	122.4	29.1	349.8	61.1	134.4	7.9	-33.0	41.9	CON
R168 Ban	7.2	343.1	58.0	122.2	29.0	350.1	61.1	134.3	7.0	-22.7	31.6	CON
R169 Wes	12.5	344.2	58.0	127.0	34.3	349.4	61.1	135.8	5.2	-30.0	35.7	CON
R170 Riv	10.5	344.8	58.0	125.5	32.3	349.9	61.1	135.3	5.1	-33.0	39.6	CON
R171 Cor	13.4	345.2	58.0	127.6	35.2	349.7	61.1	136.0	4.5	-30.0	35.3	CON
R172 Cab	13.6	345.3	58.0	127.8	35.4	349.7	61.1	136.1	4.4	-20.7	25.9	CON
R173 Pip	6.4	347.9	58.0	121.3	28.3	351.4	61.2	134.1	3.4	-33.0	42.7	CON
R174 Tra	10.3	348.2	58.0	125.4	32.1	351.0	61.2	135.3	2.9	-25.0	31.7	CON
R175 Mir	3.8	351.4	58.0	116.7	25.7	352.2	61.2	133.3	0.8	-24.0	37.4	CON
R176 Cor	13.9	352.6	58.0	128.0	35.8	352.5	61.2	136.2	0.1	-35.0	40.0	CON
R177 Cou	14.7	352.9	58.0	128.5	36.6	352.6	61.2	136.4	0.3	-33.0	37.7	CON
R178 Sto	15.3	352.9	58.0	128.8	37.1	352.6	61.2	136.5	0.3	-33.0	37.5	CON
R179 Tam	9.1	352.9	58.0	124.3	30.9	352.5	61.2	134.9	0.4	-30.0	37.4	CON
R180 Map	11.0	353.1	58.0	126.0	32.9	352.6	61.2	135.4	0.5	-24.0	30.3	CON

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R181	Peters Elementary	26- 8- 4.0	80-14-24.0	MARK P25A48G	none
R182	Plantataion High	26- 8-41.0	80-14-27.0	MARK P25A48	none
R183	Village Elementary	26- 9- 9.0	80-14-25.0	MARK P25A48	none
R184	Plantation Middle	26- 8-10.0	80-14-19.0	REF	none
R185	Ramblewood Elementary	26-14-51.0	80-14-41.0	ANDREW P4F-25	none
R186	Forest Hills Elementary	26-16- 5.0	80-14-27.0	MARK P25A72G	none
R187	Pinewood Elementary	26-12-28.0	80-14-20.0	MARK P25A24	none
R188	Ramblewood Middle	26-14-10.0	80-14-21.0	ANDREW P2F-25A	none
R189	Coral Park Middle	26-17-59.0	80-14-14.0	MARK P25A48G	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C*ODE
R1[illegible] Pet	3.4	355.3	58.0	115.7	25.2	352.8	61.2	133.1	2.5	-33.0	47.3	
R182 Pla	4.1	355.4	58.0	117.3	25.9	352.9	61.2	133.4	2.6	-30.0	42.8	CON
R183 Vil	4.6	356.4	58.0	118.4	26.5	353.1	61.2	133.6	3.3	-30.0	41.9	CON
R184 Pla	3.5	356.9	58.0	115.9	25.3	353.0	61.2	133.2	3.9	-20.5	34.5	CON
R185 Ram	11.2	357.1	58.0	126.1	33.0	354.0	61.3	135.5	3.1	-30.0	36.1	CON
R186 For	12.6	358.5	58.0	127.1	34.4	354.6	61.3	135.8	3.9	-35.0	40.5	CON
R187 Pin	8.4	358.6	58.0	123.6	30.2	354.1	61.3	134.7	4.5	-27.0	34.8	CON
R188 Ram	10.4	358.8	58.0	125.4	32.2	354.4	61.3	135.3	4.3	-27.4	34.0	CON
R189 Cor	14.8	359.6	58.0	128.5	36.6	355.3	61.3	136.4	4.3	-33.0	37.6	CON

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

TABLE 4.MARK.UPGRADES (PAGE 1 OF 1)

DESIRED STATION:	UNDESIRED STATION:
KTZ-22, Fort Lauderdale, FL (CP)	KTB-85, Miami, Fl (Mod.)
G1-G4	G1-G4
TX SITE: N26- 5- 9.0; W 80-14- 8.0	TX SITE: N25-46-20.0; W 80-11-20.0
ANT. TYPE: Andrew HMD16VO (OMNI)	ANT. TYPE: Andrew HMD16HW-W (@ 295.0T)
POLARIZATION: VERTICAL	POLARIZATION: HORIZONTAL
OUTPUT POWER (dBm): 46.99	OUTPUT POWER (dBm): 46.99
SYSTEM LOSSES (dB): 3.00	SYSTEM LOSSES (dB): 2.00
MAX ANT. GAIN(dBi): 14.00	MAX ANT. GAIN(dBi): 16.30
MAX EIRP (dBm): 57.99	MAX EIRP (dBm): 61.29

REC	SITE IDENTIFICATION	N LATITUDE	W LONGITUDE	REC ANTENNA TYPE	AMSL-FT
R1.	Telecable of Broward	26-18-40.0	80-11-37.0	MARK P25A96G	none
R22	Quiet Water Elementary	26-19- 1.0	80- 9-23.0	MARK P25A96G	none
R29	Deerfield Beach High	26-17-45.0	80- 7- 5.0	MARK P25A96G	none
R32	Tedder Elementary	26-16-44.0	80- 7-27.0	MARK P25A96G	none
R33	Deerfield Park Elementary	26-18-31.0	80- 6-24.0	MARK P25A96G	none
R37	Deerfield Beach Elementary	26-19-10.0	80- 5-44.0	MARK P25A72	none
R38	Park Ridge Elementary	26-17-44.0	80- 6-31.0	MARK P25A72	none
R40	Deefield Beach Middle	26-18-29.0	80- 8-52.0	MARK P25A96G	none
R41	Crystal Lake Middle	26-16-21.0	80- 7- 7.0	MARK P25A72	none

D/U RATIO STUDIES

REC SITE	FROM DESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	FROM UNDESIRED Dist mi	Azim deg T	EIRP dBmW	FSL dB	RECEIVER ANGLE deg	DISCR dB	D/U RATIO dB	C* O D E
R1. Tele	15.8	9.5	58.0	129.1	37.2	359.5	61.3	136.5	9.9	-43.0	47.1	
R22 Quie	16.7	17.1	58.0	129.6	37.7	3.1	61.2	136.6	14.0	-44.0	47.8	
R29 Deer	16.2	26.6	58.0	129.3	36.4	6.9	61.1	136.3	19.7	-44.0	47.9	
R32 Tedd	15.0	27.3	58.0	128.6	35.2	6.5	61.1	136.1	20.8	-44.0	48.3	
R33 Deer	17.3	27.4	58.0	129.9	37.4	7.8	61.1	136.6	19.6	-44.0	47.6	
R37 Deer	18.3	28.2	58.0	130.4	38.2	8.7	61.0	136.8	19.6	-43.6	46.9	
R38 Park	16.5	28.5	58.0	129.5	36.5	7.8	61.1	136.4	20.7	-44.4	48.3	
R40 Deef	16.3	19.5	58.0	129.3	37.1	3.9	61.2	136.5	15.6	-44.0	47.9	
R41 Crys	14.8	29.3	58.0	128.5	34.8	7.2	61.1	136.0	22.2	-45.6	49.9	

* - CODES AND NOTES PROVIDED ON EXHIBIT EE-CODES

Also P25A24

Radiation Systems, Inc.
Mark Antennas Division

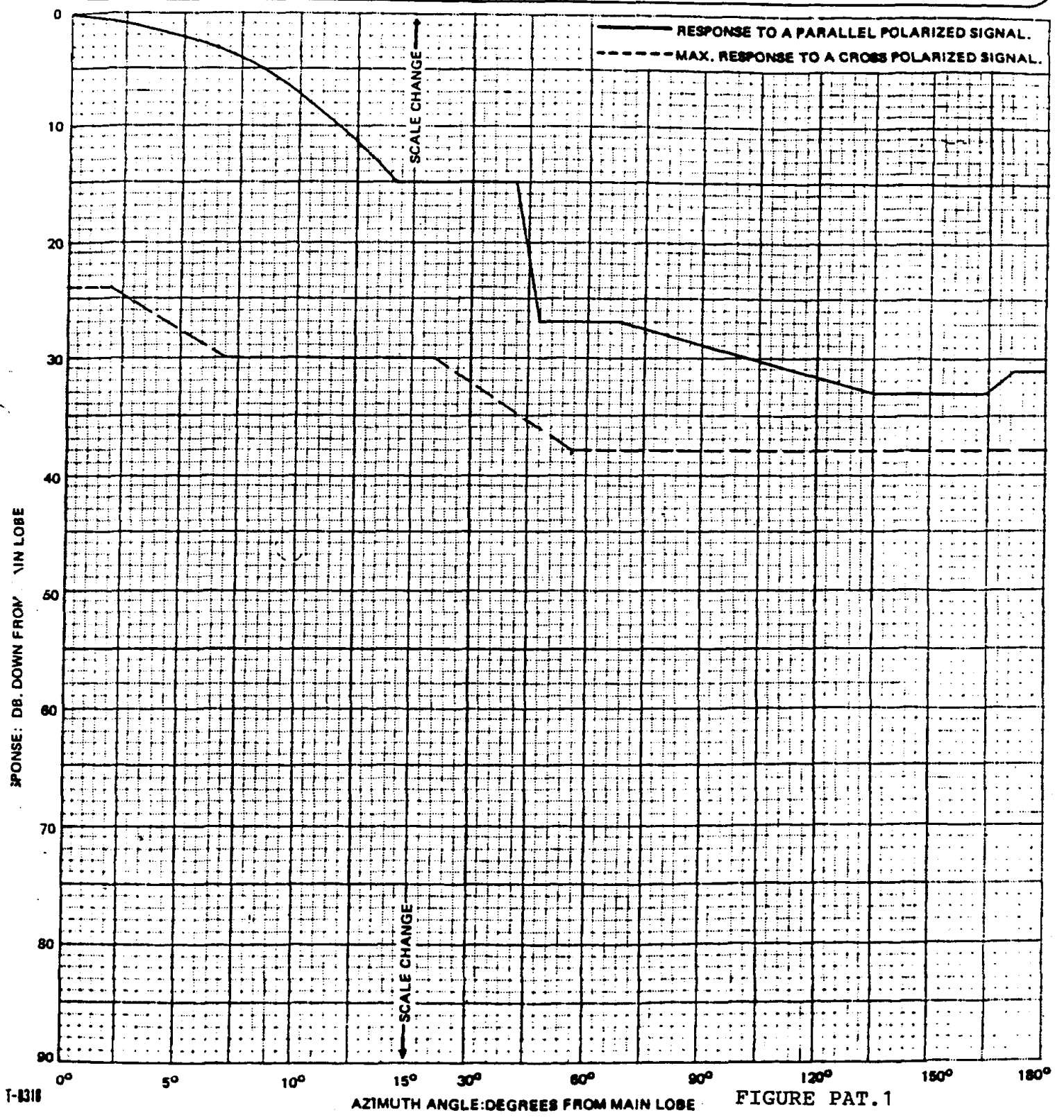
LINEAR PATTERN ENVELOPE

MODEL: P-2524S ISSUE- 2 DATE: 2/8/84
FREQUENCY BAND: 2500-2700 MHz
GAIN: 21.8 dBi at 2.6 GHz - HPBW: 12.8 DEGREES
DESCRIPTION: 2 Foot Diameter - Solid Parabolic Microwave Antenna

MEETS FCC CATEGORY -PART NO. FCC NO.

*Letters following model number do not affect pattern

MANUFACTURERS OF A FULL LINE OF POINT-TO-POINT ANTENNAS: SATELLITE · MICROWAVE · TWO-WAY
2180 S Wolf Road, Des Plaines, Illinois 60018 / (312) 298-9420 / Telex 282557 / Toll Free 800-323-5273 1983 Anixter Bros. Inc



T-8318

FIGURE PAT.1

RADIATION PATTERN ENVELOPE

ANDREW

RPE 1306

Approved

13 October 1981

ANTENNA TYPE NUMBER P4F-25D (also 49002)
Similar to 39721 (discontinued)

4 FOOT ANTENNA

2.48 - 2.7 GHz

PLANE POLARIZED

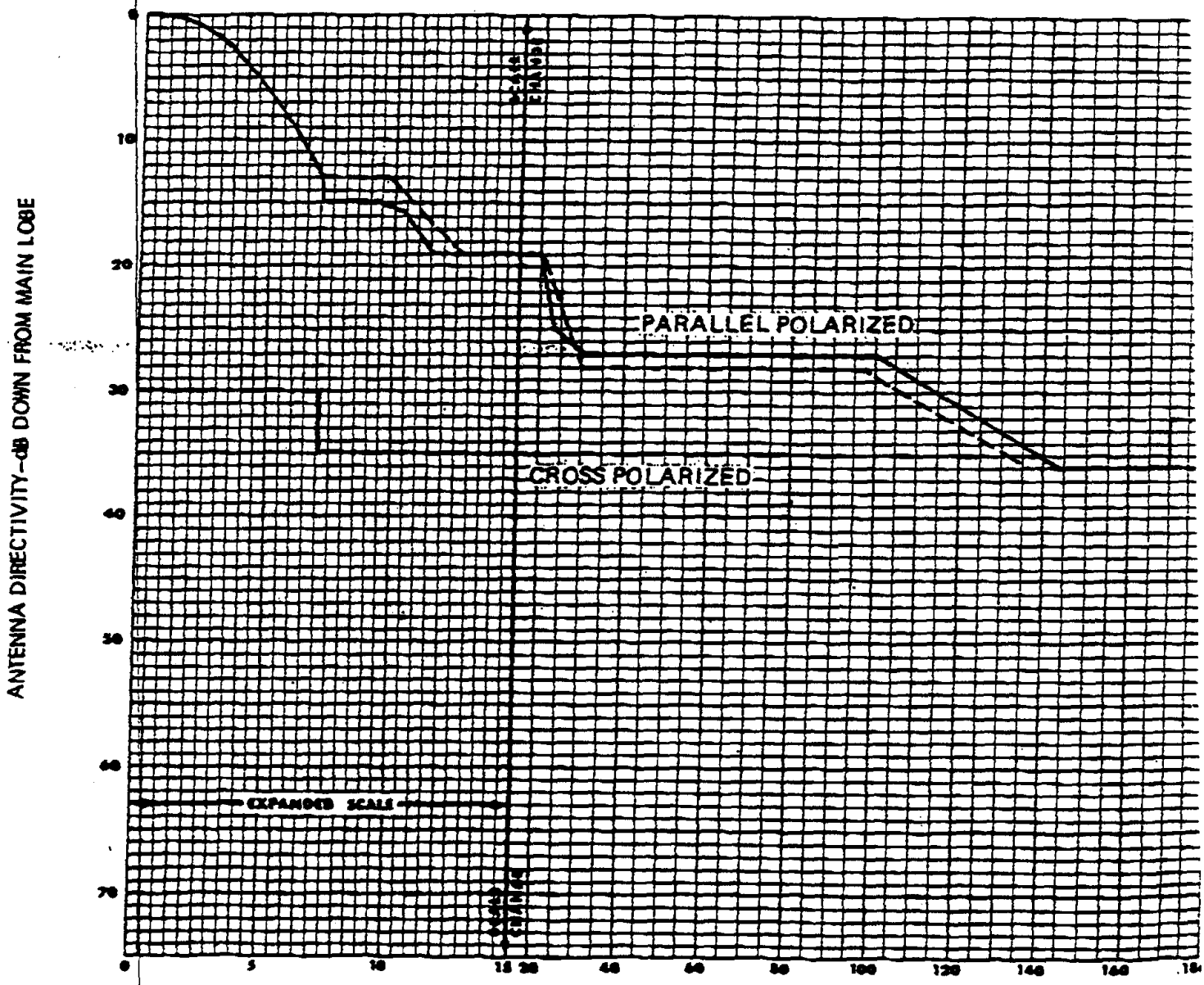
——— Envelope for a Horizontally Polarized Anten

- - - - Envelope for a Vertically Polarized Antenna

Gain: 27.9 ± 0.2 dBi at 2.6 G
27.3 (Model 39721)

See Andrew Bulletin 1032, "Radiation Pattern Envelo for further information.

FIGURE PAT. 2



Andrew Corporation
10600 W. 183rd Street
Orland Park, IL.
U.S.A. 60462

Andrew Antenna Company Ltd.
606 Beach Street
Whitby, Ontario
Canada L1N 5S2

Andrew Antenna Systems
Lechgelly, Fife
Great Britain KY5 9HG

Andrew Antennas
171 Henty Street
Reservoir, Victoria
Australia 3073

Andrew Antenas Limitada
Caixa Postal 600
18100 Sorocaba
São Paulo, Brasil

Radiation Pattern Envelope

FIGURE PAT.3

Antenna Type Number P2F-25A, 49001, 49001A

2 Foot Antenna 2.5 to 2.7 GHz Plane Polarized

Gain: 21.7 ± 0.2 dBi at 2.6 GHz

——— Envelope for a Horizontally Polarized Antenna (HH, HV)

– – – – Envelope for a Vertically Polarized Antenna (VV, VH)

For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes."

ANDREW CORPORATION

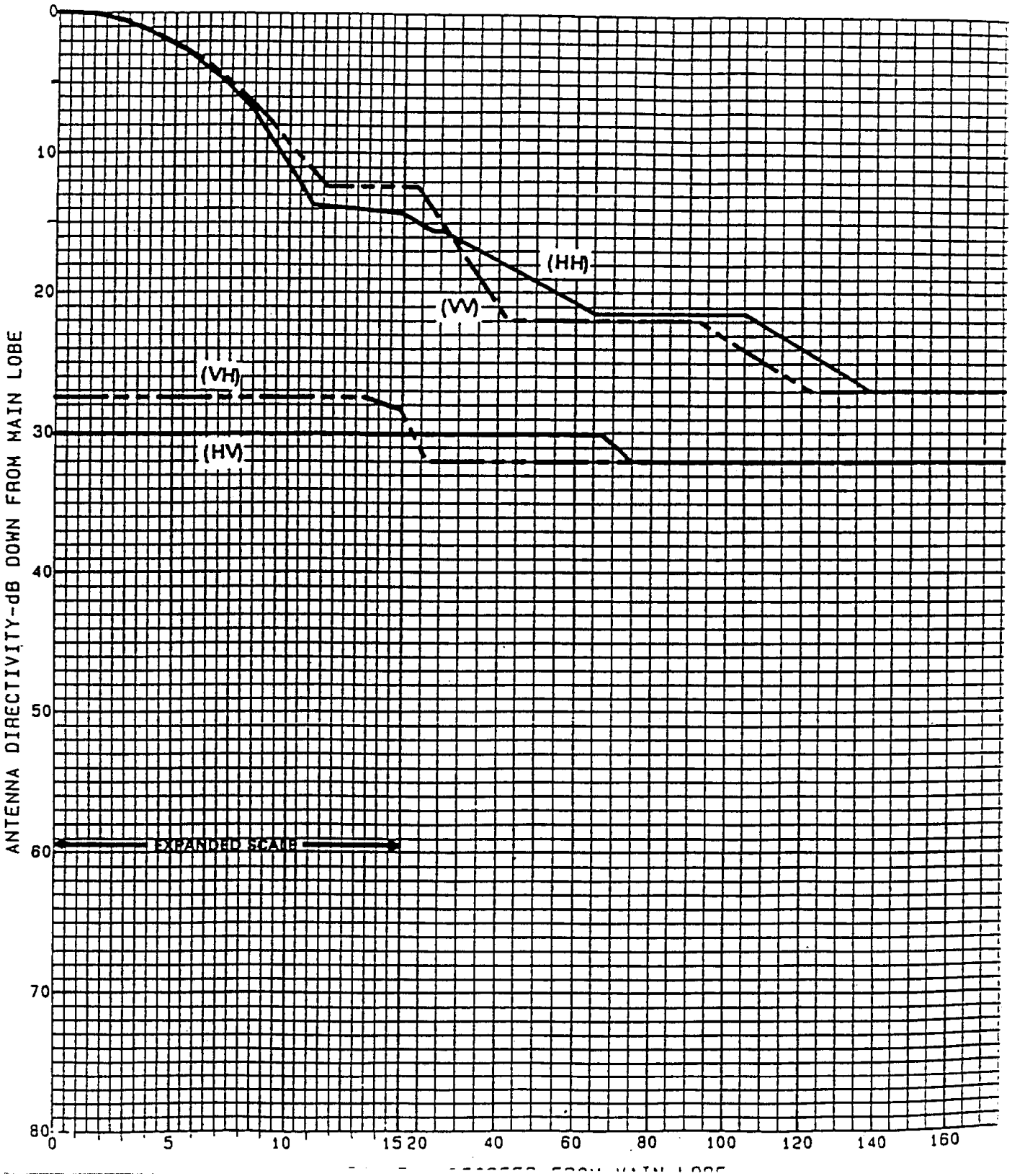
ANDREW

RPE 1300

T.E Charlton

Approved

9 April 1986



Antenna Model - P-25A48G (*)

Description: 4 Foot Diameter Grid
Parabolic Microwave Antenna -
Plane Polarized

(*) Letters following model numbers do not affect pattern

RSI-MARK Antennas Division
1757 S. Winthrop
Des Plaines, IL 60018

DATE : 07/25/84

Frequency Band: 2480-2700 MHz
Gain: 28.0 dBi at 2.6 GHz
HPBW: 6 Deg

Note: Feed is inserted normal.

FCC Catagory: FCC Part No. FCC NO. (NO ID NUMBER)

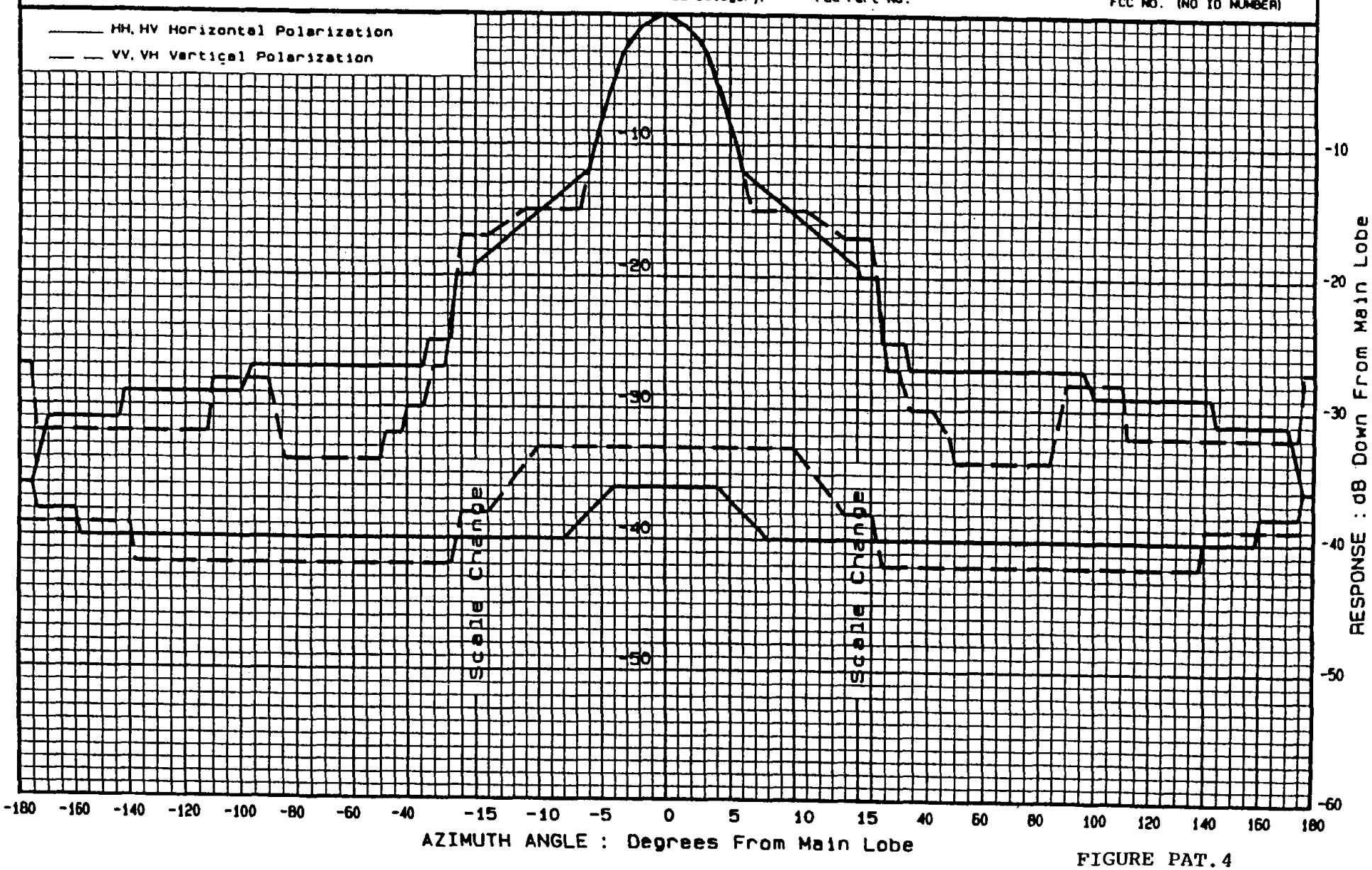


FIGURE PAT. 4

Antenna Model - P-25A4B(*)

Description: 4 Foot Diameter Solid Parabolic Microwave Antenna - Plane Polarized

(*) Letters following model numbers do not affect pattern

COMSAT-RSI Mark Antennas
1757 S. Winthrop
Des Plaines, IL 60018

NSMA Antenna Code: 2007/M

DATE : 07-26-84

Frequency Band: 2500-2700 MHz
Gain: 28.5 dBi at 2.6 GHz
HPBW: 6.25 Deg

Note: Feed is inserted normal.

FCC Part No. 94 FCC Catagory B FCC NO

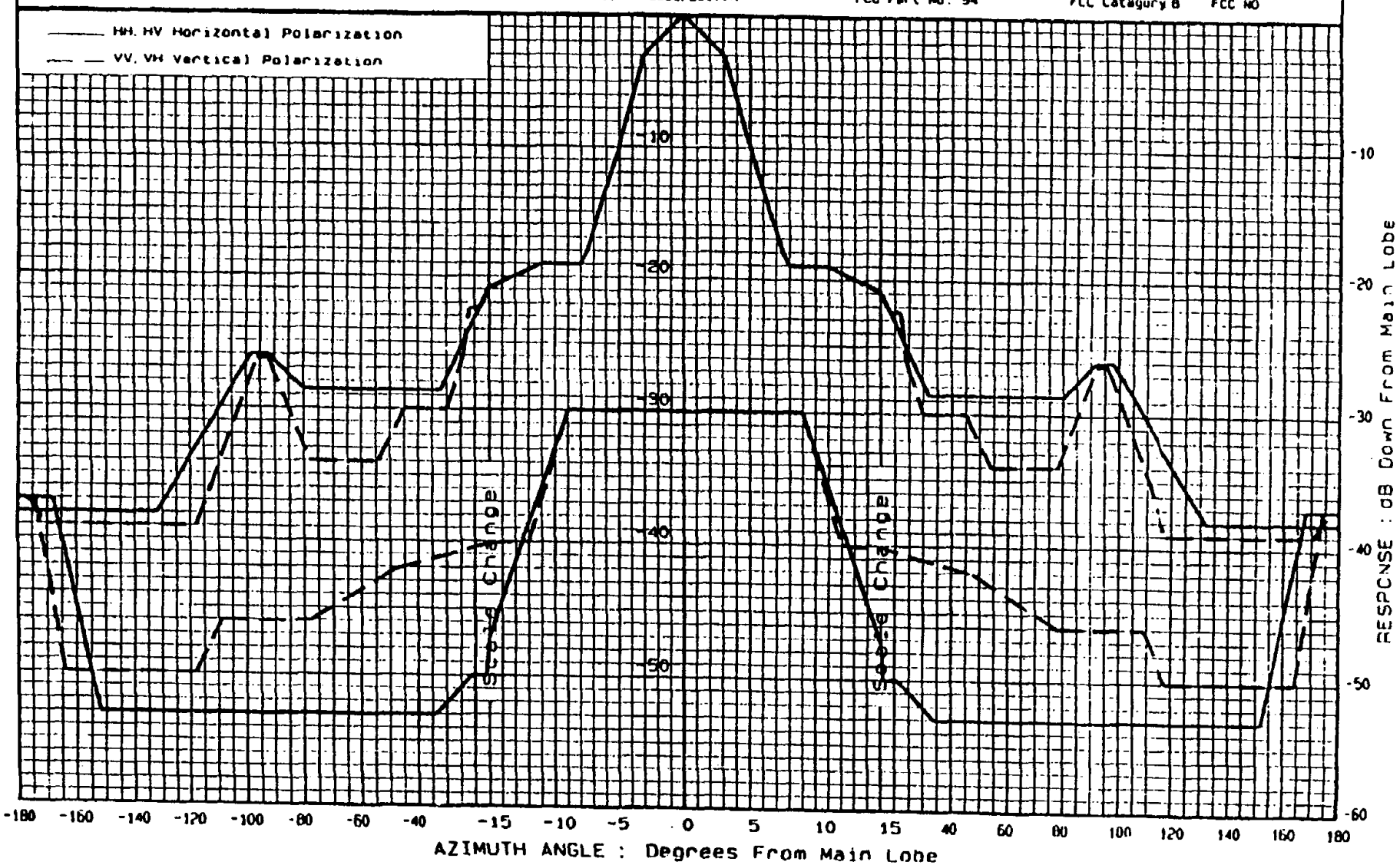


FIGURE PAT.5

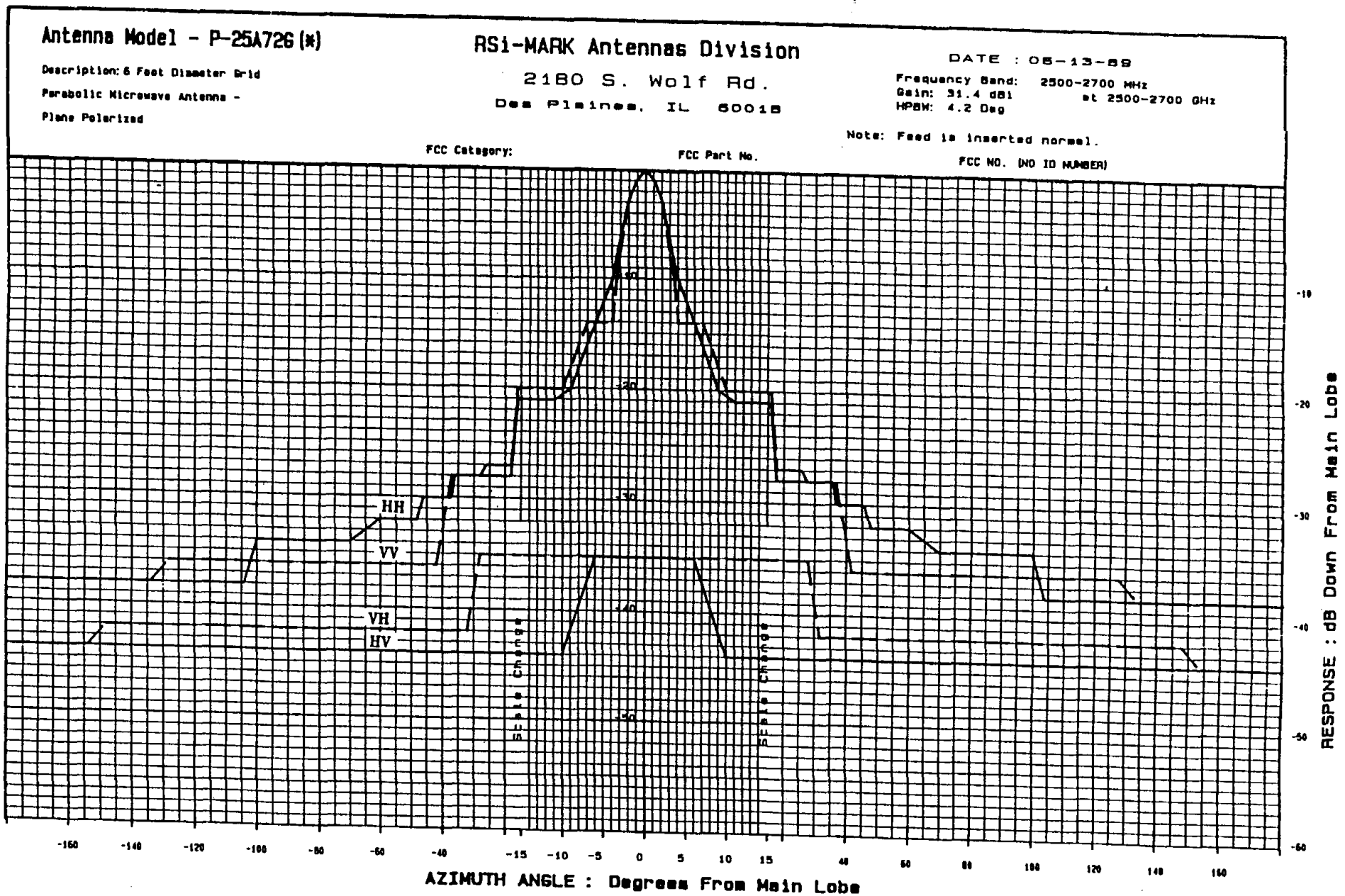

Antenna Model - P-25A726(*)
Description: 6 Feet Diameter Grid
Parabolic Microwave Antenna -
Plane Polarized
RSi-MARK Antennas Division
2180 S. Wolf Rd.
Des Plaines, IL 60018
DATE : 05-13-89
Frequency Band: 2500-2700 MHz
Gain: 31.4 dBi at 2500-2700 GHz
HPBW: 4.2 Deg
Note: Feed is inserted normal.
FCC Category:
FCC Part No.
FCC NO. (NO ID NUMBER)
HH
VV
VH
HV
Scale Change
Scale Change
-10
-20
-30
-40
-50
-60
-160
-140
-120
-100
-80
-60
-40
-15
-10
-5
0
5
10
15
40
60
80
100
120
140
160
AZIMUTH ANGLE : Degrees From Main Lobe
RESPONSE : dB Down From Main Lobe

FIGURE PAT. 6

Antenna Model - P-25A72(*)

Description: 6 Foot Diameter Solid Parabolic Microwave Antenna - Plane Polarized

RSi-MARK Antennas Division
2180 S. Wolf Rd.
Des Plaines, IL 60018

DATE : 09/30/86

Frequency Band: 2500-2700 MHz
Gain: 32.5 dBi at 2.6 GHz
HPBW: 4.0 Deg

Note: Feed is inserted normal.

FCC Catagory: B

FCC Part No. 94

FCC NO. (NO ID NUMBER)

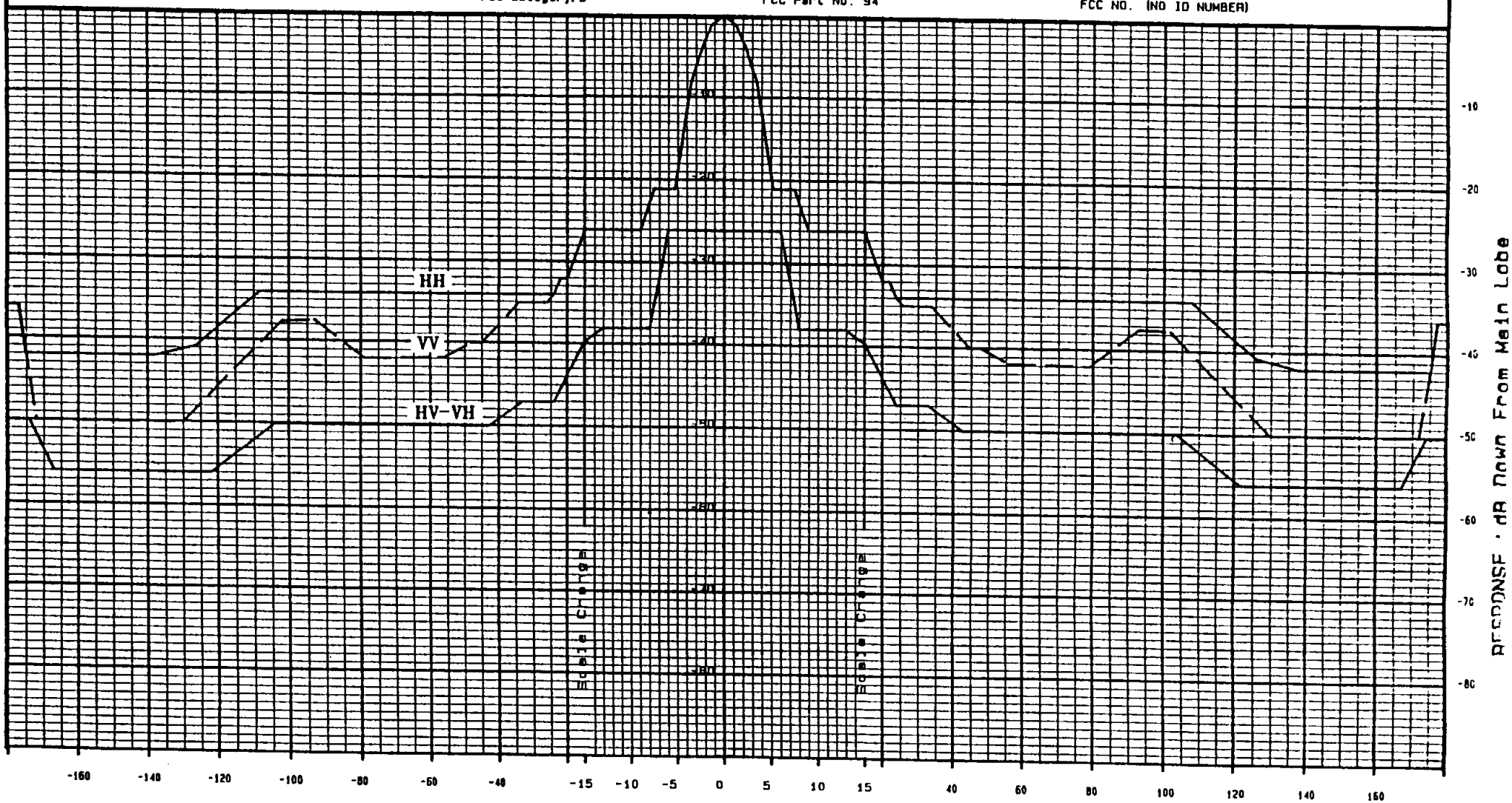


FIGURE PAT.7

Antenna Model - P-25A96G(*)

Description: 8 Foot Diameter Grid Parabolic Microwave Antenna - Plane Polarized

(*) Letters following model numbers do not affect pattern

RSi-MARK Antennas Division
1757 S. Winthrop
Des Plaines, IL 60018

DATE : 04/01/93

Frequency Band: 2480-2700 MHz
Gain: 33.9 dBi at 2.6 GHz
HPBW: 3.3 Deg

Note: Feed is inserted normal.

FCC Category: FCC Part No. FCC NO. (NO ID NUMBER)

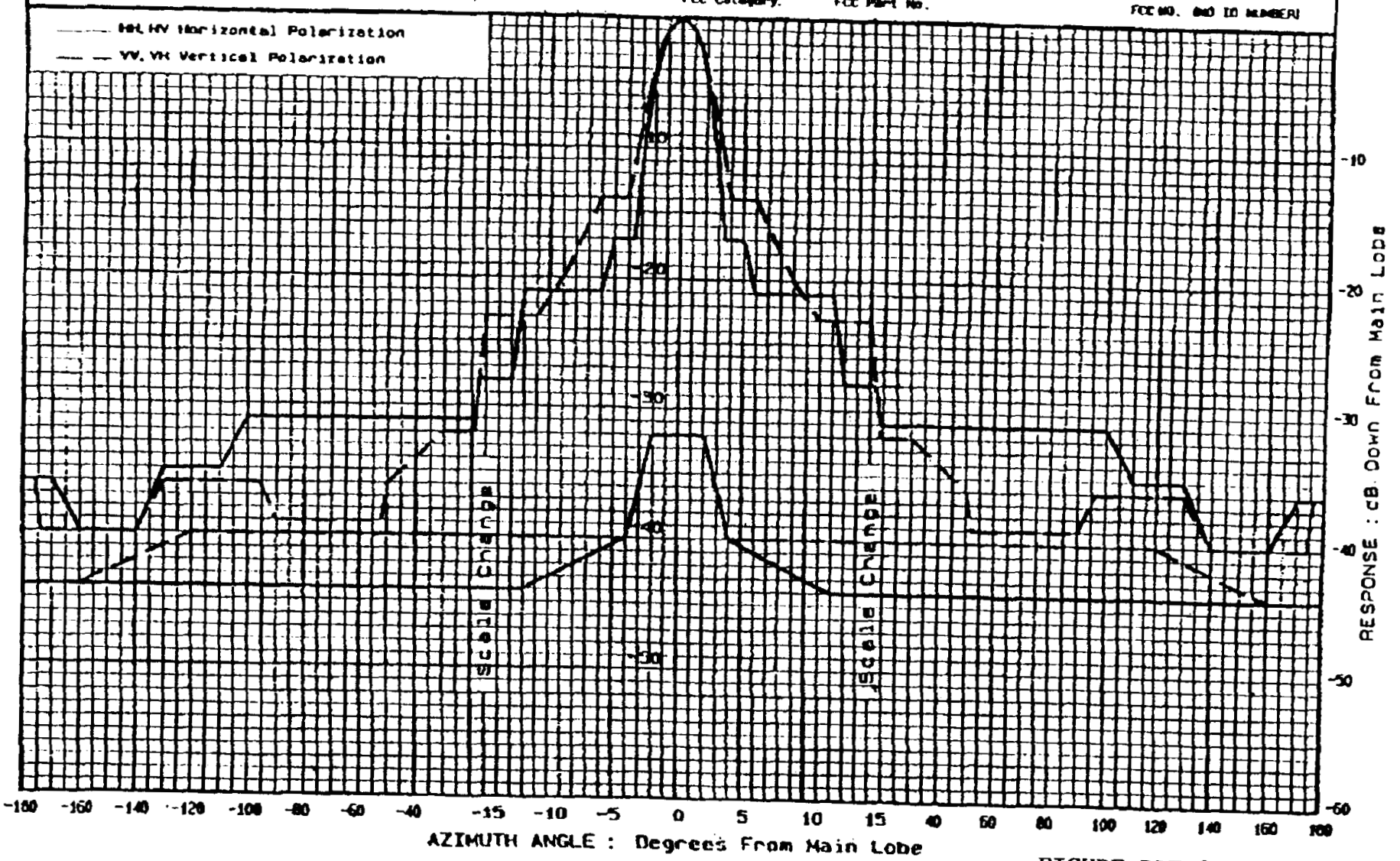


FIGURE PAT.8

ENGINEERING REPORT

DELAWDER COMMUNICATIONS, INC. (703) 658-5390

Miami, Florida (KTB-85)
Support of Response to Petition to Dismiss or Deny

I, Darryl K. DeLawder, declare and state as follows:

That I have received a Bachelor of Science degree in electrical engineering from Villanova University;

That I have either prepared or directly supervised the preparation of all technical information contained in this Engineering Exhibit;

That the facts stated in this Engineering Statement are true of my own knowledge, except as to such statements as are herein stated to be on information and belief, and as to such statements I believe them to be true.

02-20-97
Date

Darryl K. DeLawder

CERTIFICATE OF SERVICE

I, Sharon Henry, a secretary with the law firm of Paul, Hastings, Janofsky & Walker LLP, hereby certify that I have on this 21st day of February, 1997, caused a true and correct copy of the foregoing Consolidated Opposition to Petitions to Dismiss or Deny to be sent by first-class United States mail, postage prepaid, to the following:

* Clay C. Pendarvis
Acting Chief
Distribution Services Branch
Video Services Division
Mass Media Bureau
Federal Communications Commission
1919 M Street, N.W., Room 702
Washington, D.C. 20554

James S. Blitz, Esq.
Mark Van Bergh, Esq.
Roberts & Eckard, P.C.
1150 Connecticut Avenue, N.W.
Suite 1100
Washington, D.C. 20036

William D. Wallace, Esq.
Crowell & Moring LLP
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20554

* Hand delivery.

Sharon Henry

Sharon Henry

CERTIFICATE OF SERVICE

I, Donna Fleming of Gardner Carton & Douglas LLP hereby certify that I caused a true copy of the foregoing Petition for Reconsideration to be sent to the following person this 21st day of October, 2004, by U.S. First Class Mail, postage pre-paid:

Paul H. Brown, Esq.
Wood Maines & Brown, Chartered
1827 Jefferson Place, N.W.
Washington, D.C. 20036

Jennifer Richter, Esq.
Morrison & Foerster, LLP
2000 Pennsylvania Avenue, N.W. Suite 5500
Washington, D.C. 20006

Evan Carb, Esq.
RJGLaw LLC
8401 Ramsey Avenue
Silver Spring, MD 20910

Donna B. Fleming

Donna Fleming

DC01/467201.2