

**MINOR CHANGE AMENDMENT**  
**TO PENDING APPLICATION BNP-20010612ADO**  
**FLAG RADIO, INC.**  
**NEW AM RADIO STATION**  
**1550 kHz - 0.2/9.3 kW DAN**  
**BUNNELL, FLORIDA**  
**February 2002**

**EXHIBIT #1A**

**New AM - Bunnell, Florida - 1550 kHz - 0.2 kW - DAN**

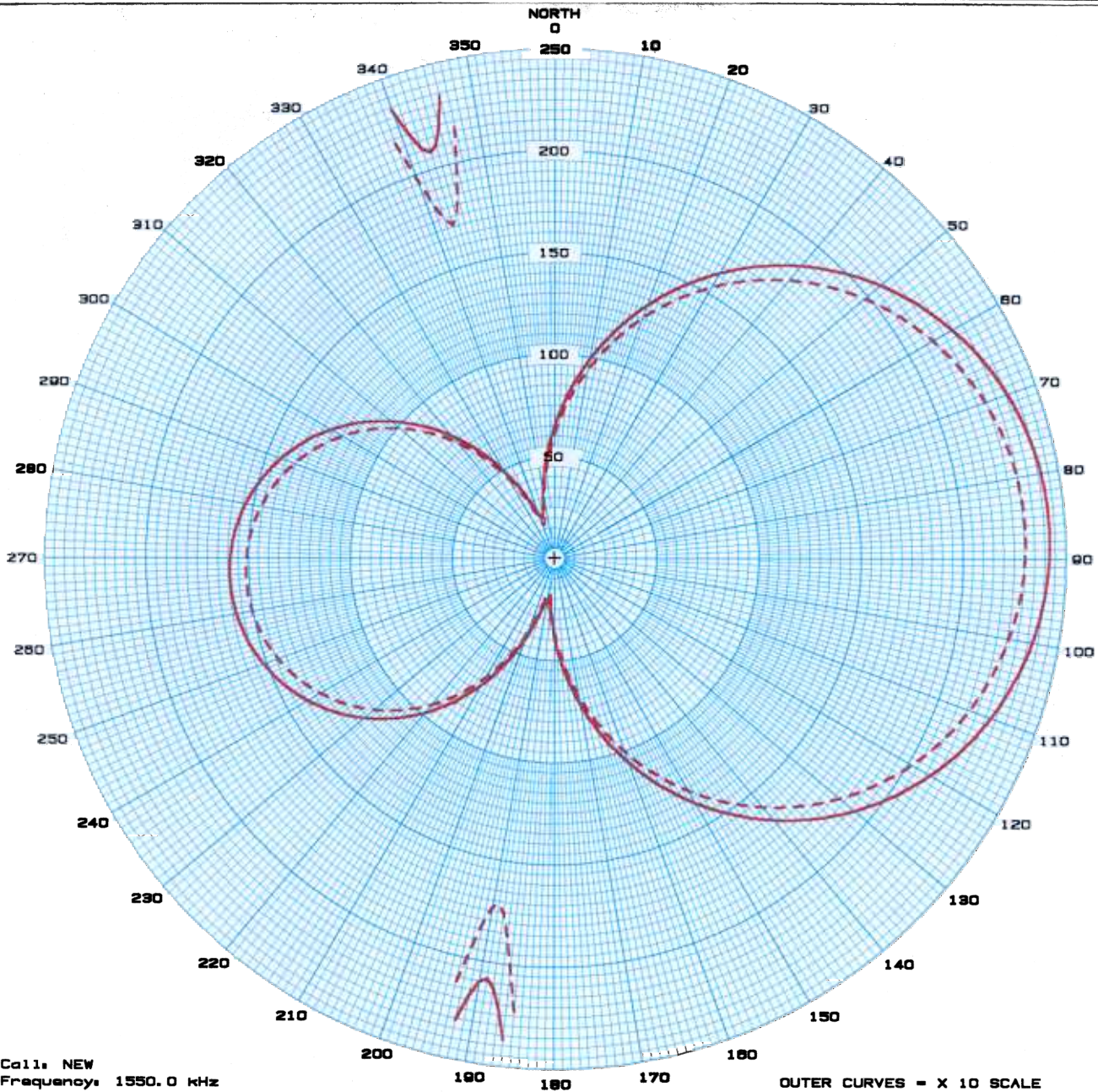
Theoretical Pattern RMS: 143.32 mV/m at 1 km      Multiplying Constant (K factor): 216.63 mV/m at 1 km  
Standard Pattern RMS: 150.85 mV/m at 1 km      Q Factor (elevation angle = 0 degrees): 10.00  
ERSS: 294.51 mV/m at 1 km

ANTENNA TOWER PARAMETERS:

##	Field Ratio	Phase (degs.)	Spac. (degs.)	Bear. (degs.)	TL SW	HT (degs.)	TLA (degs.)	TLB (degs.)	TLC (degs.)	TLD (degs.)
1	1.000	.0	.0	.0	0	90.7	.0	.0	.0	.0
2	.921	-167.6	54.8	86.1	0	90.7	.0	.0	.0	.0

CALCULATED THEORETICAL PATTERN DATA:

Azimuth (degs.)	Elevation THEO	Angle (degrees): STD	Azimuth (degs.)	Elevation THEO	Angle (degrees): STD
.0	60.78	64.68	180.0	35.79	39.02
5.0	77.26	81.80	185.0	22.26	25.62
10.0	93.57	98.81	190.0	17.34	21.02
15.0	109.49	115.44	195.0	25.88	29.13
20.0	124.83	131.49	200.0	39.43	42.71
25.0	139.45	146.80	205.0	53.77	57.43
30.0	153.23	161.23	210.0	67.83	71.99
35.0	166.06	174.67	215.0	81.20	85.91
40.0	177.86	187.04	220.0	93.69	98.93
45.0	188.56	198.26	225.0	105.14	110.90
50.0	198.11	208.28	230.0	115.46	121.68
55.0	206.48	217.05	235.0	124.56	131.21
60.0	213.63	224.55	240.0	132.40	139.41
65.0	219.54	230.76	245.0	138.91	146.24
70.0	224.21	235.66	250.0	144.08	151.65
75.0	227.63	239.24	255.0	147.88	155.63
80.0	229.80	241.51	260.0	150.29	158.15
85.0	230.70	242.46	265.0	151.30	159.21
90.0	230.35	242.09	270.0	150.90	158.80
95.0	228.74	240.41	275.0	149.11	156.92
100.0	225.87	237.40	280.0	145.92	153.58
105.0	221.75	233.08	285.0	141.36	148.80
110.0	216.38	227.44	290.0	135.43	142.59
115.0	209.77	220.51	295.0	128.17	134.99
120.0	201.94	212.30	300.0	119.62	126.04
125.0	192.91	202.82	305.0	109.82	115.79
130.0	182.70	192.13	310.0	98.86	104.33
135.0	171.38	180.25	315.0	86.82	91.76
140.0	158.99	167.27	320.0	73.81	78.21
145.0	145.62	153.26	325.0	60.02	63.89
150.0	131.36	138.33	330.0	45.73	49.15
155.0	116.32	122.59	335.0	31.61	34.81
160.0	100.63	106.19	340.0	19.90	23.38
165.0	84.47	89.31	345.0	18.38	21.97
170.0	68.03	72.20	350.0	29.35	32.56
175.0	51.62	55.21	355.0	44.53	47.92



Call: NEW  
Frequency: 1550.0 kHz  
Power: .200 kW

ERSS: 294.51 mV/m at 1 km

Q Factor at 0 degrees:  
10.00 mV/m at 1 km

Theoretical Pattern RMS:  
149.32 mV/m at 1 km

Standard Pattern RMS:  
150.85 mV/m at 1 km

Theoretical - - - - -

Standard - - - - -

#### TOWER PARAMETERS

#	Field Ratio	Phase (deg.)	Spec. (deg.)	Bear. (deg.)	TL SW	HT (deg.)	TLA (deg.)	TLB (deg.)	TLC (deg.)	TLD (deg.)
1	1.000	.0	.0	.0	0	90.7	.0	.0	.0	.0
2	.921	-187.8	54.8	86.1	0	90.7	.0	.0	.0	.0

EXHIBIT #1B  
MINOR CHANGE AMENDMENT  
TO BNP-20010612ADO  
FLAG RADIO, INC.  
NEW AM RADIO STATION  
BUNNELL, FLORIDA  
February 2002

STANDARD HORIZONTAL  
PLANE PATTERN

**MINOR CHANGE AMENDMENT TO**  
**PENDING APPLICATION BNP-20010612ADO**  
**FLAG RADIO, INC.**  
**NEW AM RADIO STATION**  
**1550 kHz - 0.2/9.3 kW DAN**  
**BUNNELL, FLORIDA**  
**February 2002**

**EXHIBIT #1C**

**Calculated Standard Elevated Pattern Data**

CALCULATED STANDARD PATTERN DATA:

Azimuth (degs.)	Elevation .00	Angle (degrees): 5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
.0	64.68	64.27	63.04	61.06	58.37	55.09	51.30	47.13	42.70	38.09	33.42	28.76	24.18
5.0	81.80	81.22	79.52	76.76	73.05	68.53	63.36	57.71	51.74	45.63	39.50	33.49	27.70
10.0	98.81	98.07	95.90	92.38	87.66	81.91	75.37	68.24	60.76	53.14	45.57	38.22	31.21
15.0	115.44	114.55	111.92	107.66	101.95	95.02	87.13	78.57	69.61	60.52	51.53	42.86	34.66
20.0	131.49	130.45	127.38	122.41	115.76	107.69	98.51	88.57	78.18	67.68	57.33	47.38	38.02
25.0	146.80	145.62	142.14	136.50	128.95	119.79	109.40	98.14	86.40	74.55	62.89	51.72	41.26
30.0	161.23	159.92	156.05	149.78	141.40	131.23	119.69	107.20	94.19	81.06	68.18	55.86	44.35
35.0	174.67	173.24	169.01	162.17	153.01	141.91	129.32	115.69	101.49	87.18	73.15	59.74	47.25
40.0	187.04	185.50	180.95	173.58	163.72	151.77	138.20	123.52	108.24	92.84	77.75	63.35	49.95
45.0	198.26	196.62	191.78	183.94	173.44	160.72	146.29	130.66	114.40	98.01	81.96	66.66	52.43
50.0	208.28	206.55	201.45	193.20	182.14	168.74	153.53	137.07	119.93	102.66	85.75	69.64	54.66
55.0	217.05	215.25	209.93	201.31	189.77	175.78	159.89	142.70	124.80	106.76	89.10	72.27	56.64
60.0	224.55	222.69	217.17	208.25	196.30	181.81	165.35	147.54	128.99	110.29	91.98	74.54	58.34
65.0	230.76	228.84	223.17	214.00	201.71	186.81	169.88	151.55	132.46	113.22	94.38	76.43	59.77
70.0	235.66	233.70	227.91	218.54	205.98	190.76	173.46	154.73	135.22	115.55	96.28	77.93	60.90
75.0	239.24	237.26	231.38	221.86	209.12	193.66	176.09	157.06	137.24	117.25	97.68	79.03	61.73
80.0	241.51	239.51	233.57	223.97	211.10	195.49	177.75	158.54	138.52	118.34	98.57	79.73	62.26
85.0	242.46	240.45	234.49	224.85	211.93	196.26	178.45	159.16	139.06	118.79	98.94	80.03	62.48
90.0	242.09	240.08	234.13	224.51	211.61	195.96	178.18	158.92	138.85	118.62	98.80	79.91	62.39
95.0	240.41	238.41	232.50	222.94	210.13	194.59	176.94	157.82	137.90	117.81	98.14	79.39	62.00
100.0	237.40	235.43	229.59	220.15	207.50	192.16	174.73	155.86	136.20	116.37	96.96	78.46	61.30
105.0	233.08	231.14	225.41	216.15	203.73	188.67	171.57	153.05	133.76	114.32	95.28	77.13	60.30
110.0	227.44	225.55	219.97	210.93	198.82	184.13	167.46	149.41	130.60	111.65	93.10	75.41	59.00
115.0	220.51	218.68	213.27	204.51	192.78	178.56	162.41	144.93	126.73	108.38	90.43	73.31	57.42
120.0	212.30	210.54	205.33	196.91	185.63	171.96	156.44	139.64	122.16	104.54	87.28	70.84	55.56
125.0	202.82	201.14	196.18	188.15	177.40	164.37	149.58	133.58	116.92	100.13	83.68	68.01	53.44
130.0	192.13	190.54	185.85	178.27	168.12	155.82	141.86	126.75	111.03	95.18	79.65	64.85	51.07
135.0	180.25	178.77	174.40	167.32	157.84	146.36	133.32	119.22	104.53	89.73	75.22	61.37	48.47
140.0	167.27	165.91	161.88	155.35	146.62	136.03	124.01	111.01	97.47	83.81	70.41	57.60	45.65
145.0	153.26	152.03	148.37	142.45	134.52	124.91	114.01	102.20	89.89	77.46	65.26	53.57	42.64
150.0	138.33	137.23	133.97	128.70	121.65	113.09	103.37	92.84	81.85	70.74	59.81	49.31	39.47
155.0	122.59	121.63	118.80	114.23	108.09	100.65	92.19	83.01	73.42	63.70	54.11	44.87	36.15
160.0	106.19	105.38	103.01	99.16	94.00	87.72	80.58	72.82	64.68	56.41	48.21	40.27	32.74
165.0	89.31	88.67	86.76	83.66	79.50	74.44	68.66	62.36	55.72	48.94	42.18	35.58	29.24
170.0	72.20	71.72	70.28	67.96	64.82	60.99	56.60	51.78	46.67	41.40	36.09	30.84	25.72
175.0	55.21	54.88	53.92	52.36	50.25	47.64	44.63	41.28	37.68	33.92	30.05	26.13	22.22

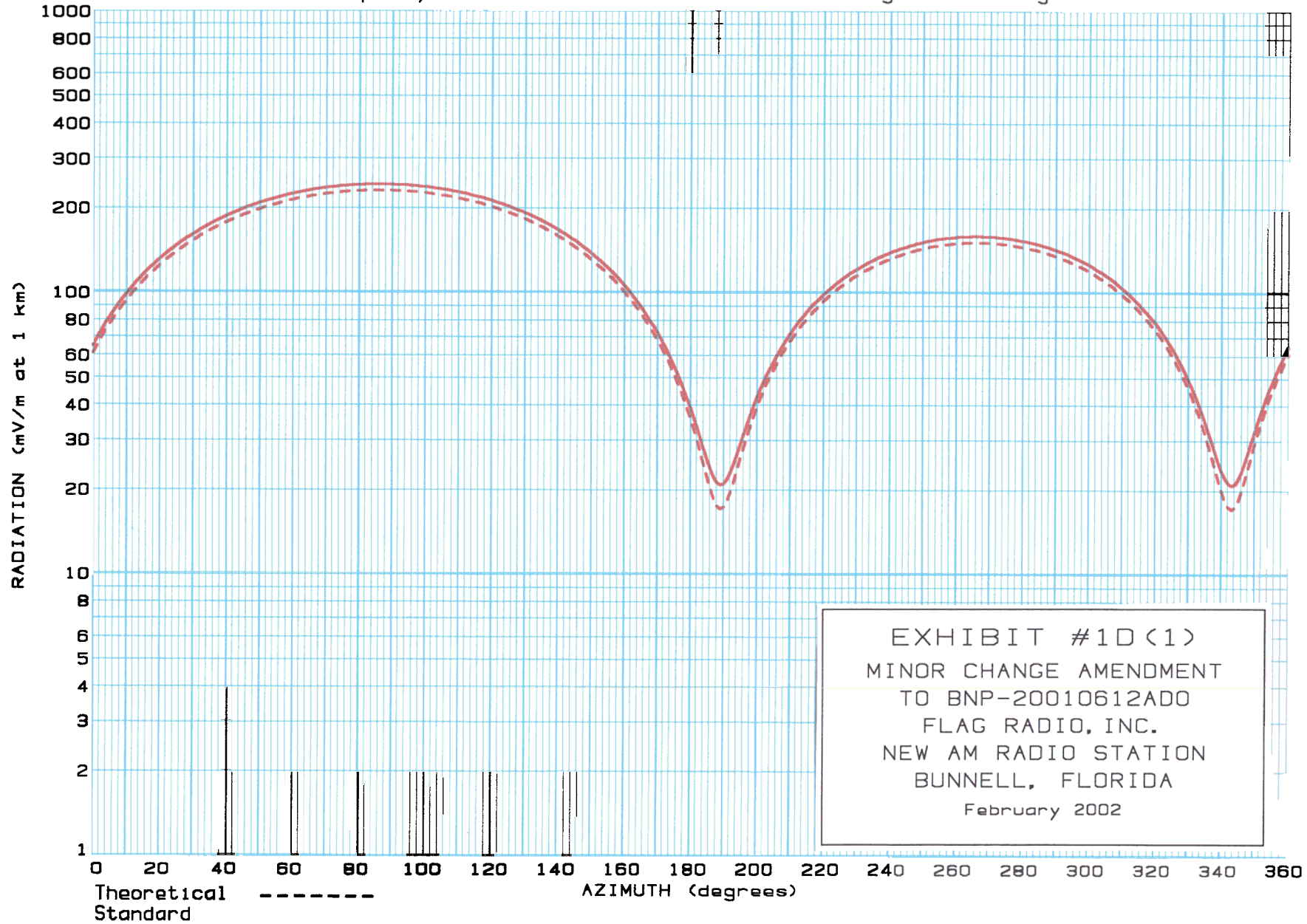
**MINOR CHANGE AMENDMENT TO**  
**PENDING APPLICATION BNP-20010612ADO**  
**FLAG RADIO, INC.**  
**NEW AM RADIO STATION**  
**1550 kHz - 0.2/9.3 kW DAN**  
**BUNNELL, FLORIDA**  
**February 2002**

**EXHIBIT #1C (continued)**

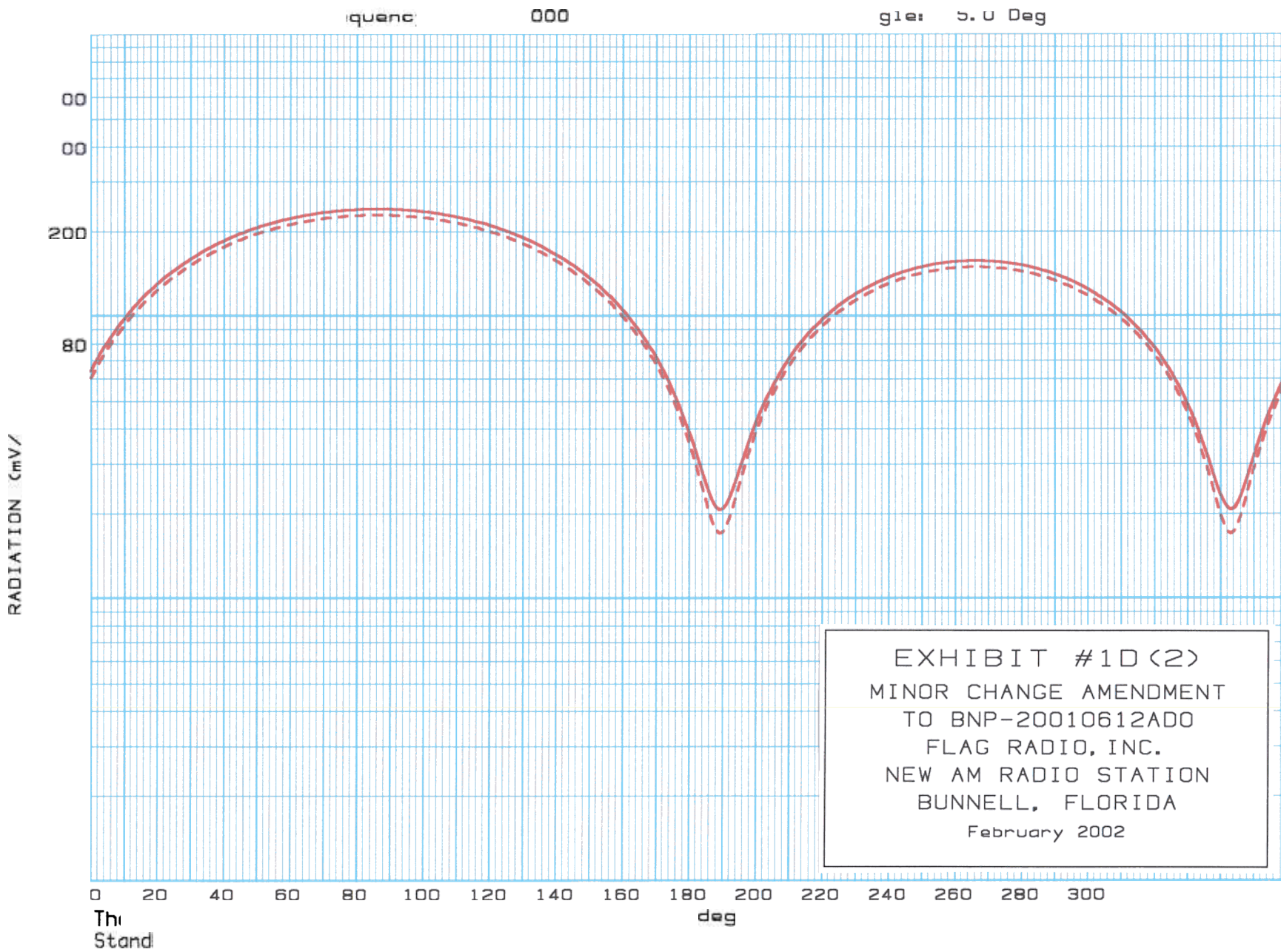
CALCULATED STANDARD PATTERN DATA:

Azimuth (degs.)	Elevation Angle (degrees):													
	.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	
180.0	39.02	38.85	38.33	37.49	36.32	34.87	33.15	31.19	29.03	26.69	24.19	21.56	18.81	
185.0	25.62	25.55	25.33	24.98	24.49	23.87	23.13	22.26	21.25	20.09	18.77	17.27	15.57	
190.0	21.02	20.87	20.46	19.82	19.02	18.14	17.26	16.43	15.67	14.98	14.30	13.56	12.66	
195.0	29.13	28.79	27.79	26.20	24.16	21.80	19.33	16.92	14.77	13.05	11.79	10.94	10.31	
200.0	42.71	42.19	40.67	38.24	35.05	31.28	27.16	22.94	18.88	15.23	12.26	10.16	8.91	
205.0	57.43	56.75	54.77	51.58	47.37	42.37	36.84	31.06	25.33	19.95	15.20	11.39	8.77	
210.0	71.99	71.17	68.75	64.88	59.74	53.61	46.80	39.63	32.44	25.55	19.27	13.91	9.80	
215.0	85.91	84.96	82.14	77.63	71.63	64.47	56.48	48.04	39.52	31.28	23.66	16.97	11.54	
220.0	98.93	97.86	94.68	89.58	82.80	74.68	65.62	56.02	46.29	36.83	28.01	20.16	13.59	
225.0	110.90	109.71	106.21	100.57	93.08	84.11	74.07	63.41	52.59	42.04	32.14	23.24	15.69	
230.0	121.68	120.40	116.60	110.49	102.37	92.63	81.72	70.13	58.33	46.79	35.93	26.12	17.70	
235.0	131.21	129.84	125.79	119.26	110.59	100.18	88.50	76.08	63.43	51.03	39.33	28.72	19.55	
240.0	139.41	137.96	133.70	126.82	117.67	106.68	94.36	81.23	67.85	54.71	42.28	30.99	21.18	
245.0	146.24	144.73	140.28	133.11	123.57	112.11	99.24	85.53	71.54	57.79	44.76	32.90	22.57	
250.0	151.65	150.10	145.51	138.11	128.26	116.42	103.13	88.96	74.48	60.24	46.75	34.43	23.68	
255.0	155.63	154.04	149.34	141.78	131.70	119.59	105.99	91.47	76.64	62.05	48.21	35.56	24.51	
260.0	158.15	156.54	151.78	144.10	133.89	121.60	107.80	93.07	78.02	63.20	49.14	36.29	25.03	
265.0	159.21	157.59	152.80	145.08	134.80	122.44	108.56	93.74	78.60	63.68	49.53	36.59	25.26	
270.0	158.80	157.18	152.40	144.70	134.45	122.12	108.26	93.48	78.37	63.49	49.38	36.47	25.17	
275.0	156.92	155.32	150.59	142.97	132.82	120.62	106.91	92.29	77.35	62.64	48.68	35.93	24.78	
280.0	153.58	152.01	147.37	139.89	129.93	117.96	104.51	90.18	75.53	61.12	47.45	34.98	24.08	
285.0	148.80	147.26	142.75	135.47	125.78	114.14	101.08	87.15	72.92	58.94	45.70	33.62	23.09	
290.0	142.59	141.11	136.76	129.75	120.41	109.21	96.63	83.23	69.56	56.14	43.44	31.88	21.82	
295.0	134.99	133.58	129.43	122.74	113.85	103.17	91.20	78.45	65.46	52.72	40.69	29.76	20.30	
300.0	126.04	124.71	120.80	114.50	106.12	96.07	84.82	72.84	60.65	48.72	37.48	27.30	18.54	
305.0	115.79	114.56	110.92	105.07	97.30	87.97	77.54	66.46	55.19	44.19	33.85	24.54	16.59	
310.0	104.33	103.21	99.88	94.54	87.44	78.94	69.43	59.35	49.13	39.17	29.86	21.53	14.51	
315.0	91.76	90.75	87.78	82.99	76.65	69.05	60.58	51.61	42.55	33.76	25.59	18.37	12.42	
320.0	78.21	77.33	74.74	70.57	65.05	58.45	51.11	43.37	35.58	28.08	21.19	15.22	10.51	
325.0	63.89	63.15	60.97	57.47	52.85	47.34	41.23	34.82	28.43	22.36	16.91	12.39	9.10	
330.0	49.15	48.57	46.84	44.06	40.41	36.08	31.32	26.39	21.56	17.12	13.34	10.48	8.68	
335.0	34.81	34.38	33.15	31.17	28.60	25.59	22.36	19.12	16.11	13.56	11.62	10.34	9.55	
340.0	23.38	23.15	22.48	21.44	20.11	18.64	17.14	15.75	14.57	13.63	12.88	12.23	11.54	
345.0	21.97	21.90	21.68	21.34	20.90	20.37	19.77	19.12	18.39	17.58	16.64	15.54	14.24	
350.0	32.56	32.44	32.09	31.51	30.70	29.69	28.46	27.05	25.45	23.67	21.73	19.62	17.36	
355.0	47.92	47.66	46.91	45.67	43.99	41.91	39.48	36.76	33.81	30.69	27.43	24.10	20.71	

Station: NEW Frequency: 1550.000 kHz Elevation Angle: .0 Degrees





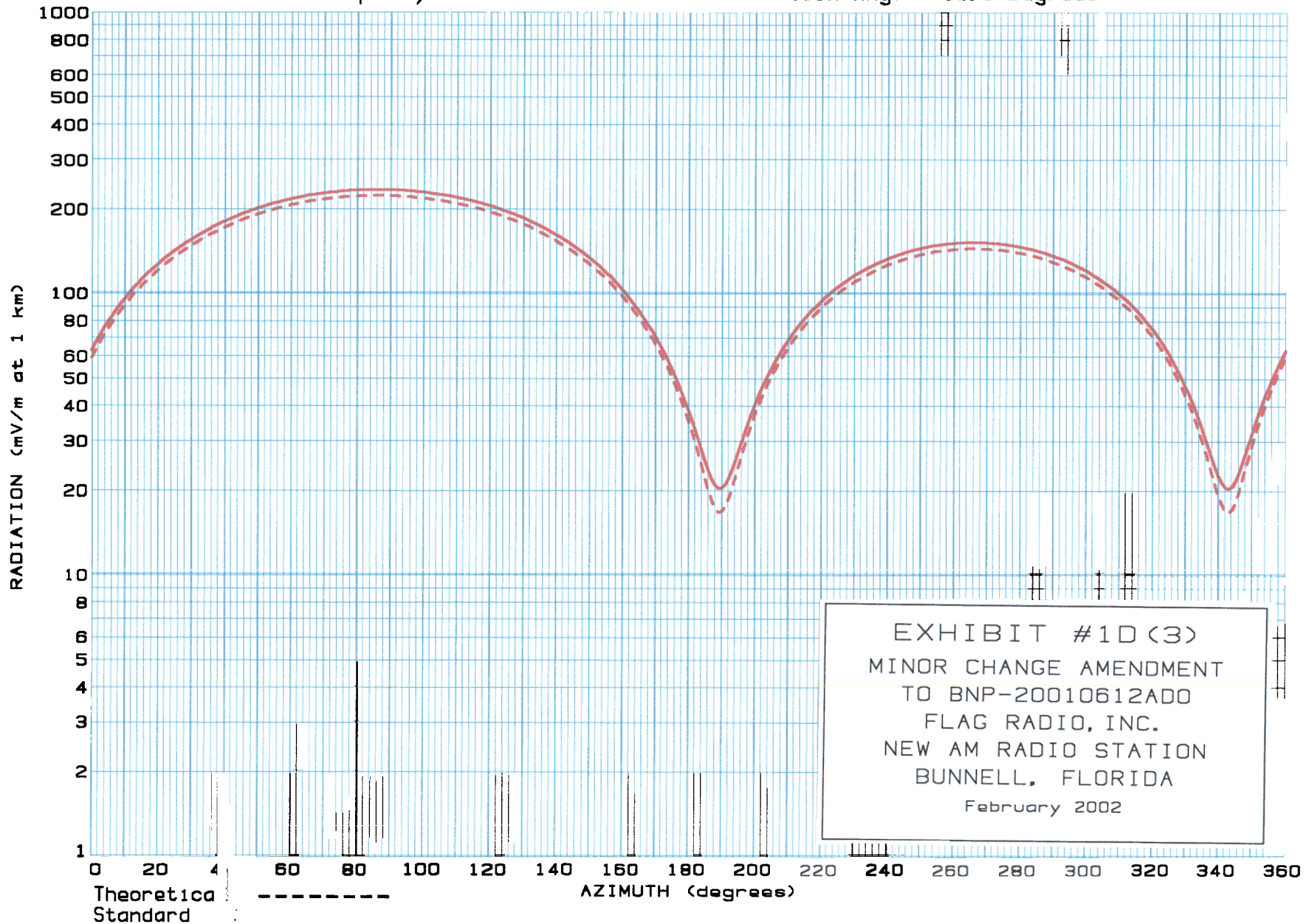


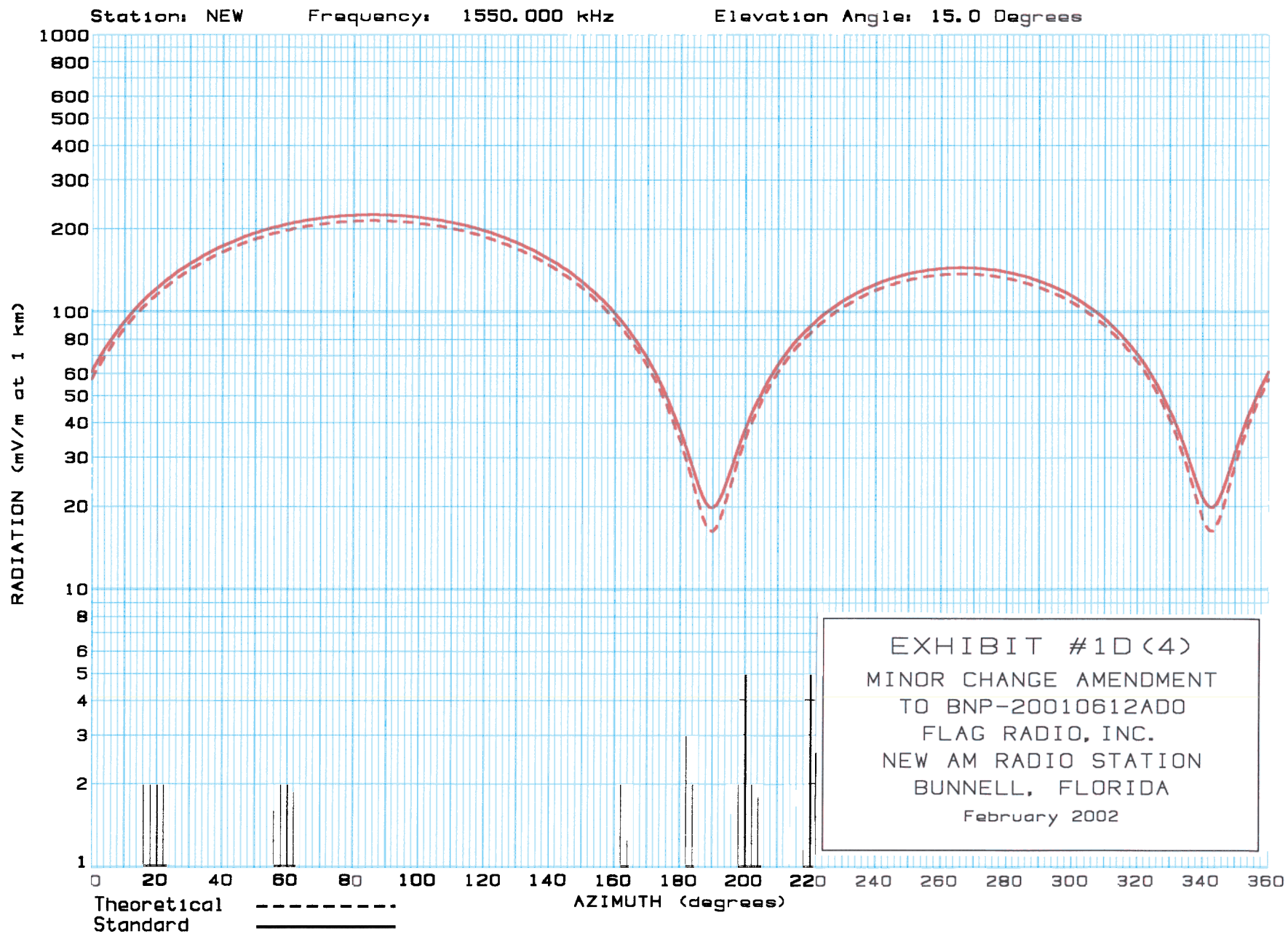
# STANDARD PATTERN

Station: NEW

Frequency: 1550.000 kHz

Elevation Angle: 10.0 Degrees





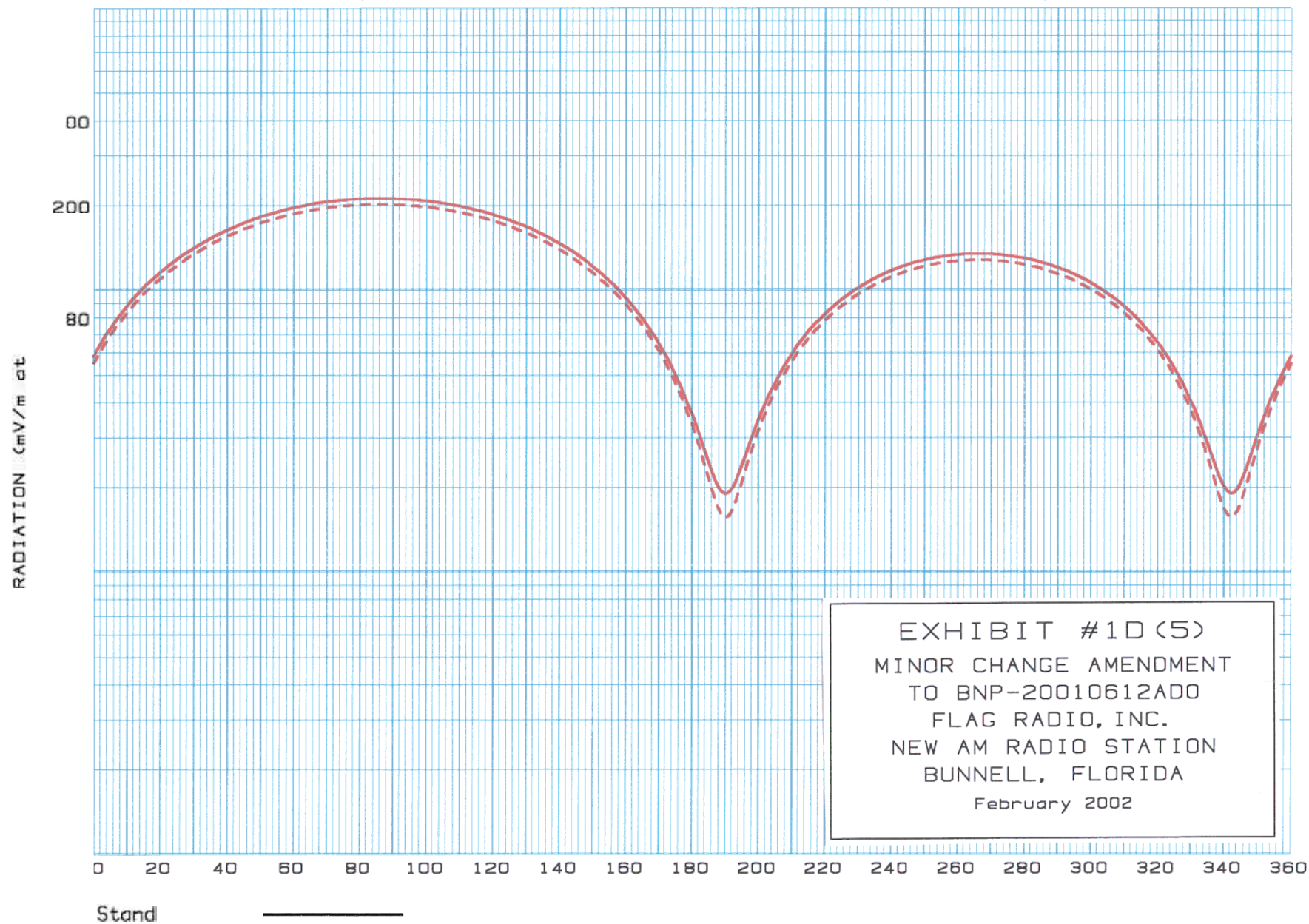


NEW

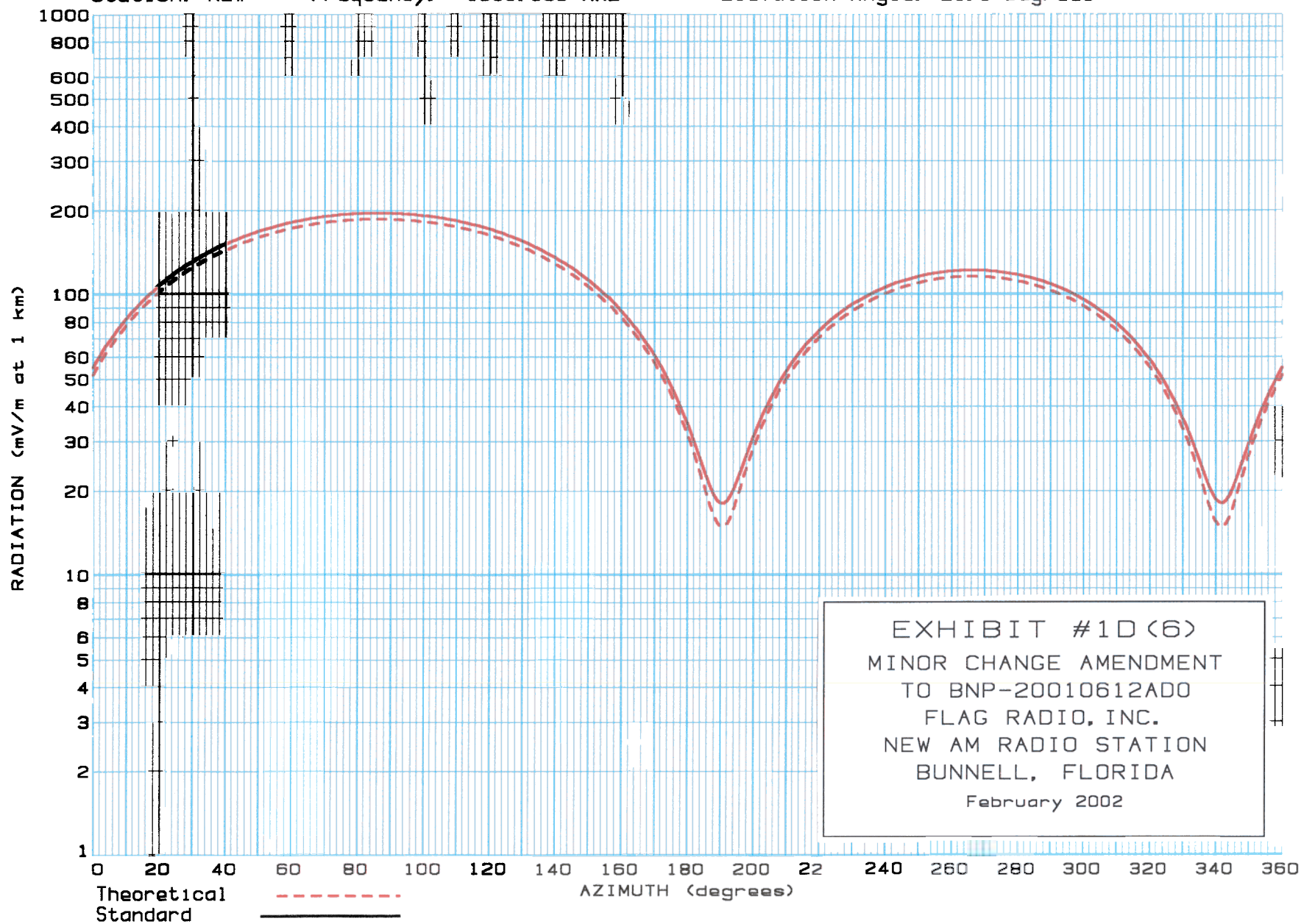
iquen

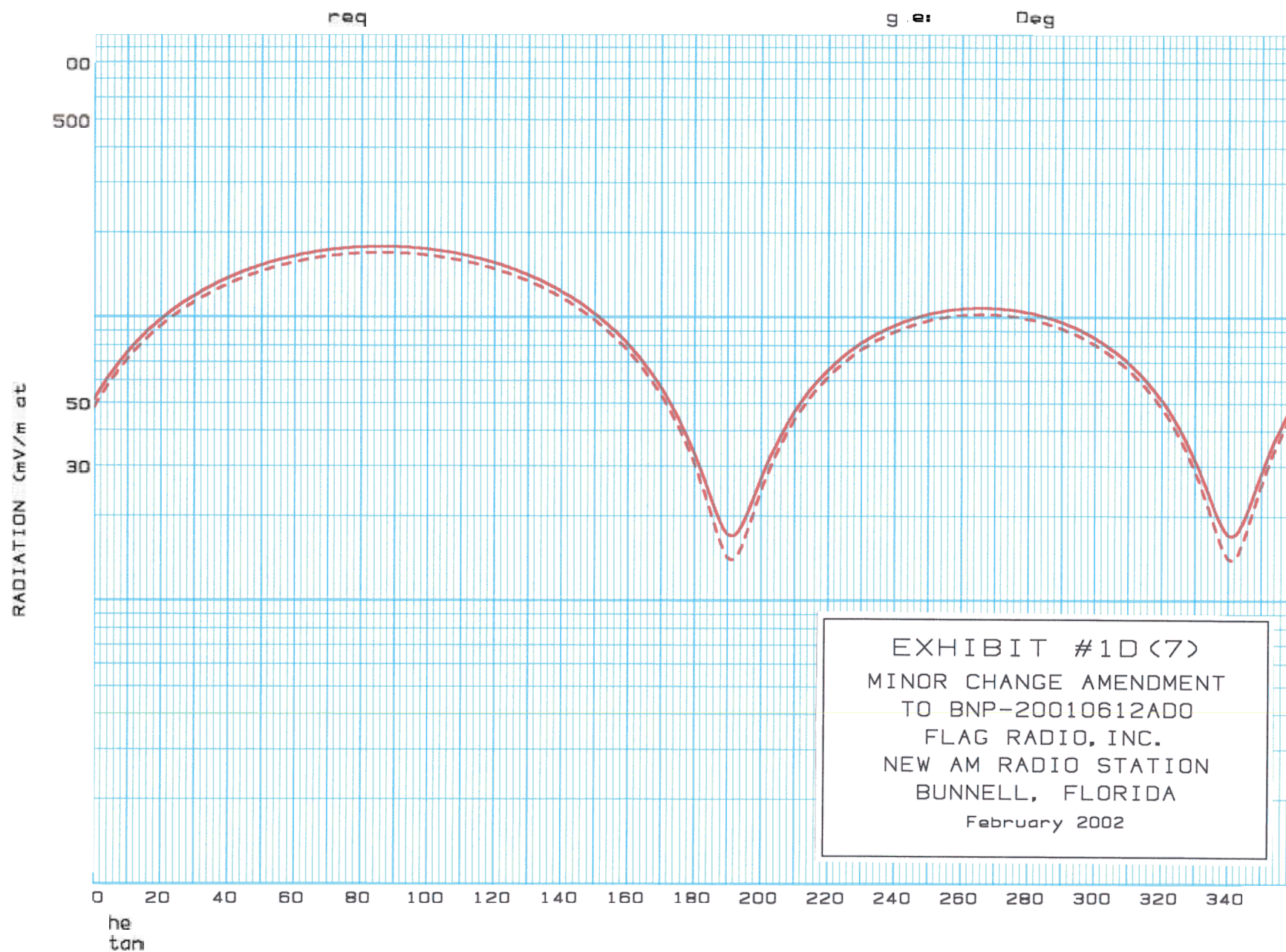
55

Angle: 20.0 Degree



Elevation Angle: 25.0 Degrees







RADIATION (mV/m at

equator

Deg

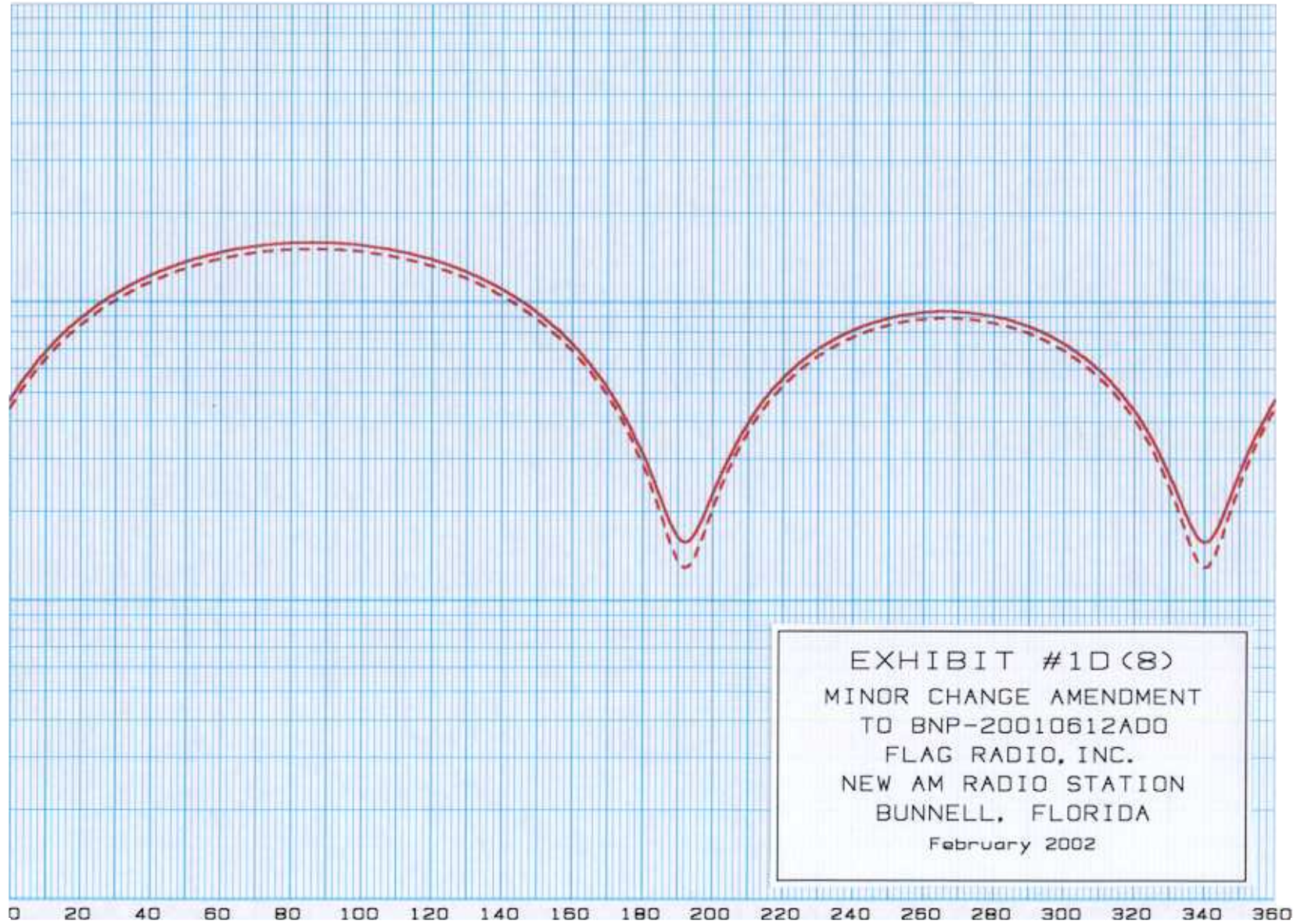
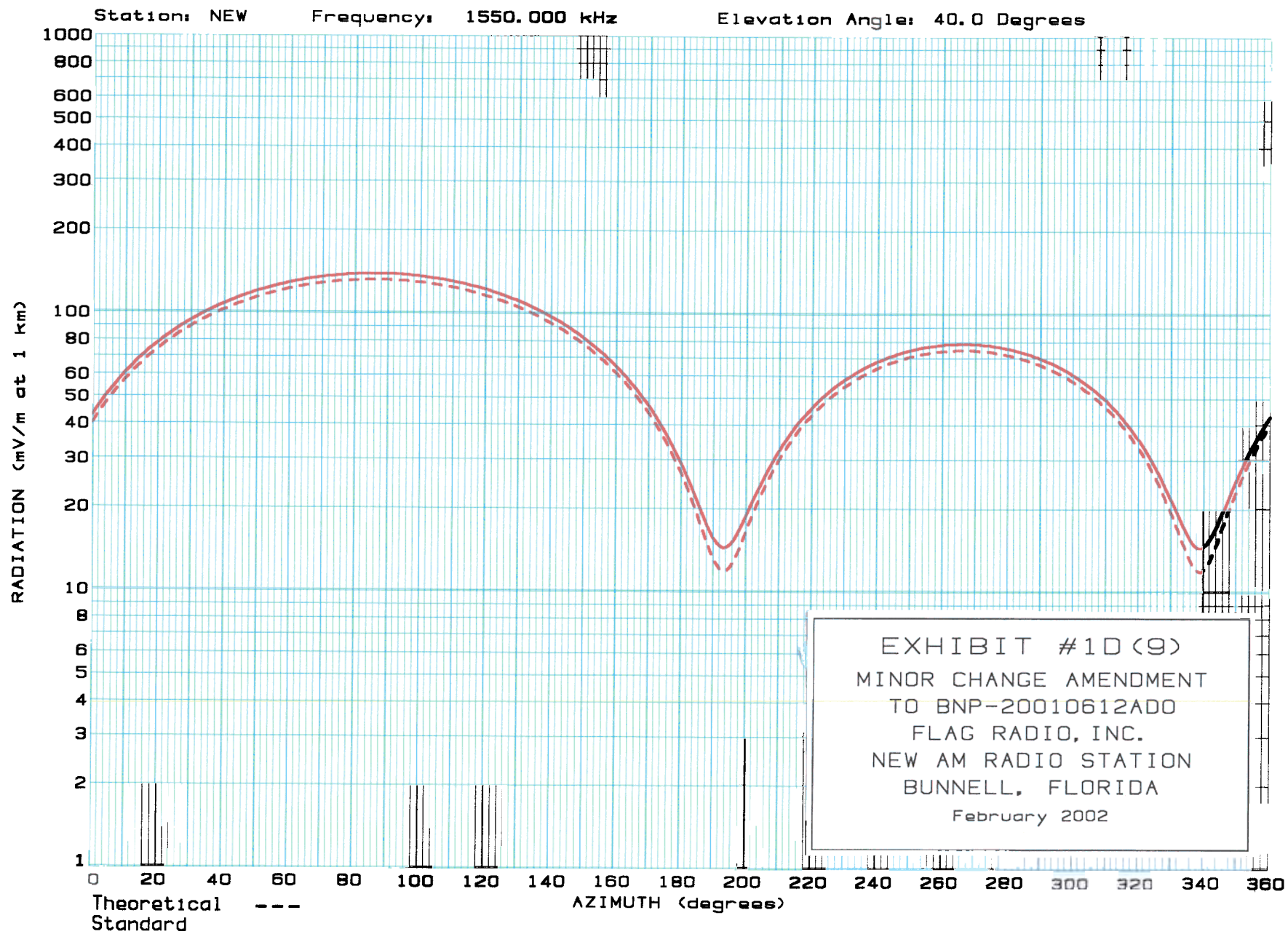
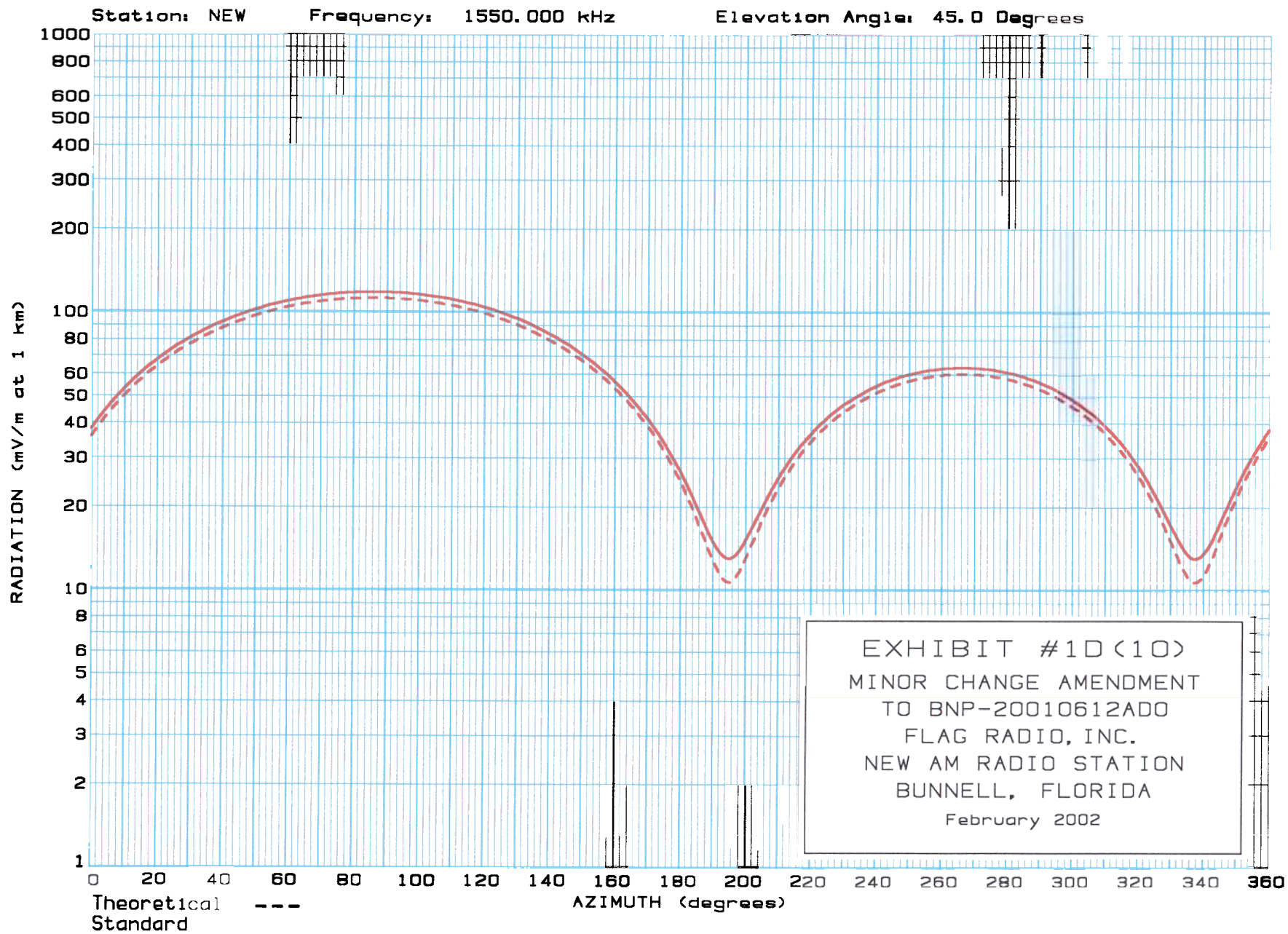


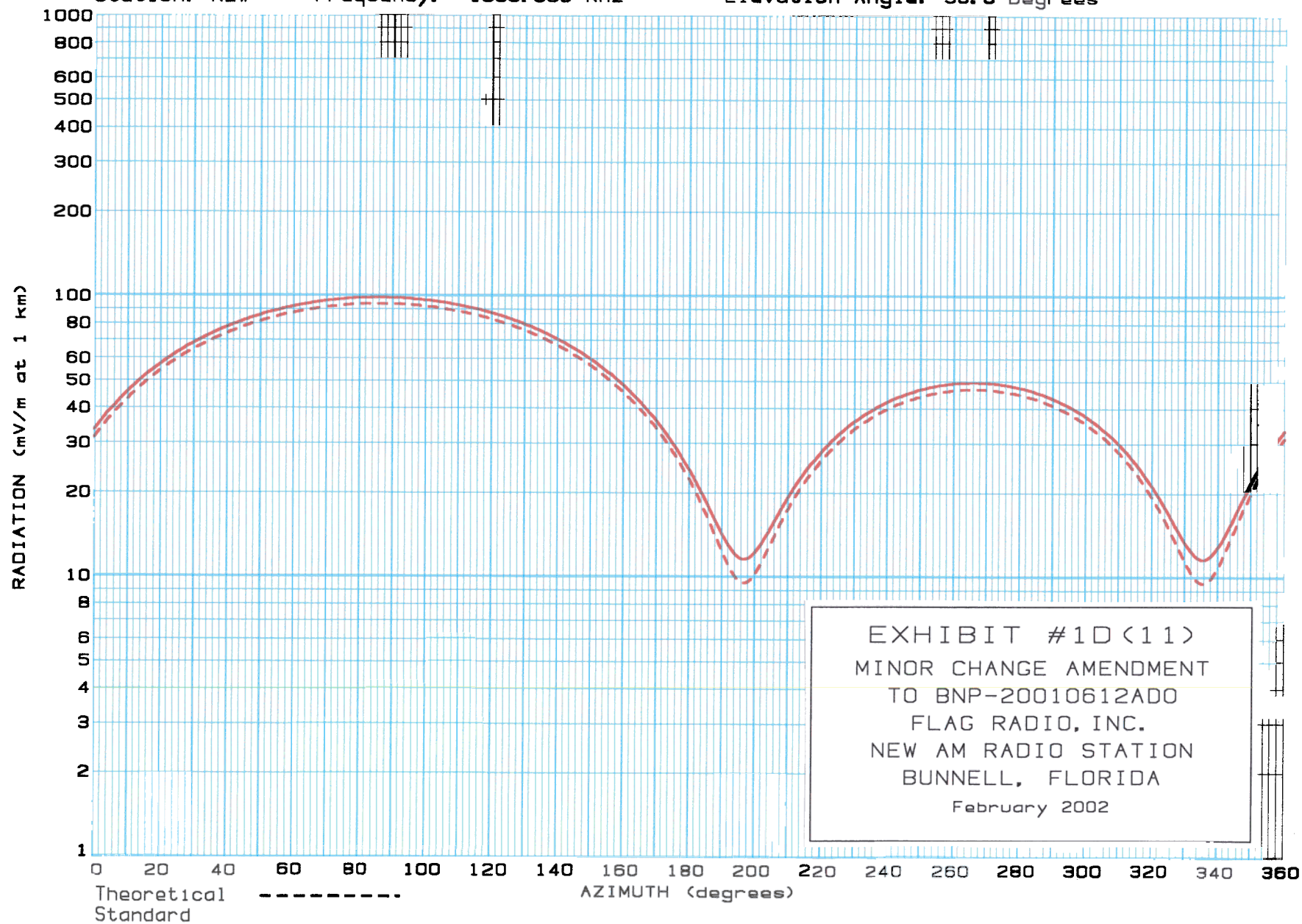
EXHIBIT #1D(8)  
MINOR CHANGE AMENDMENT  
TO BNP-20010612ADD  
FLAG RADIO, INC.  
NEW AM RADIO STATION  
BUNNELL, FLORIDA  
February 2002







Elevation Angle: 50.0 Degrees



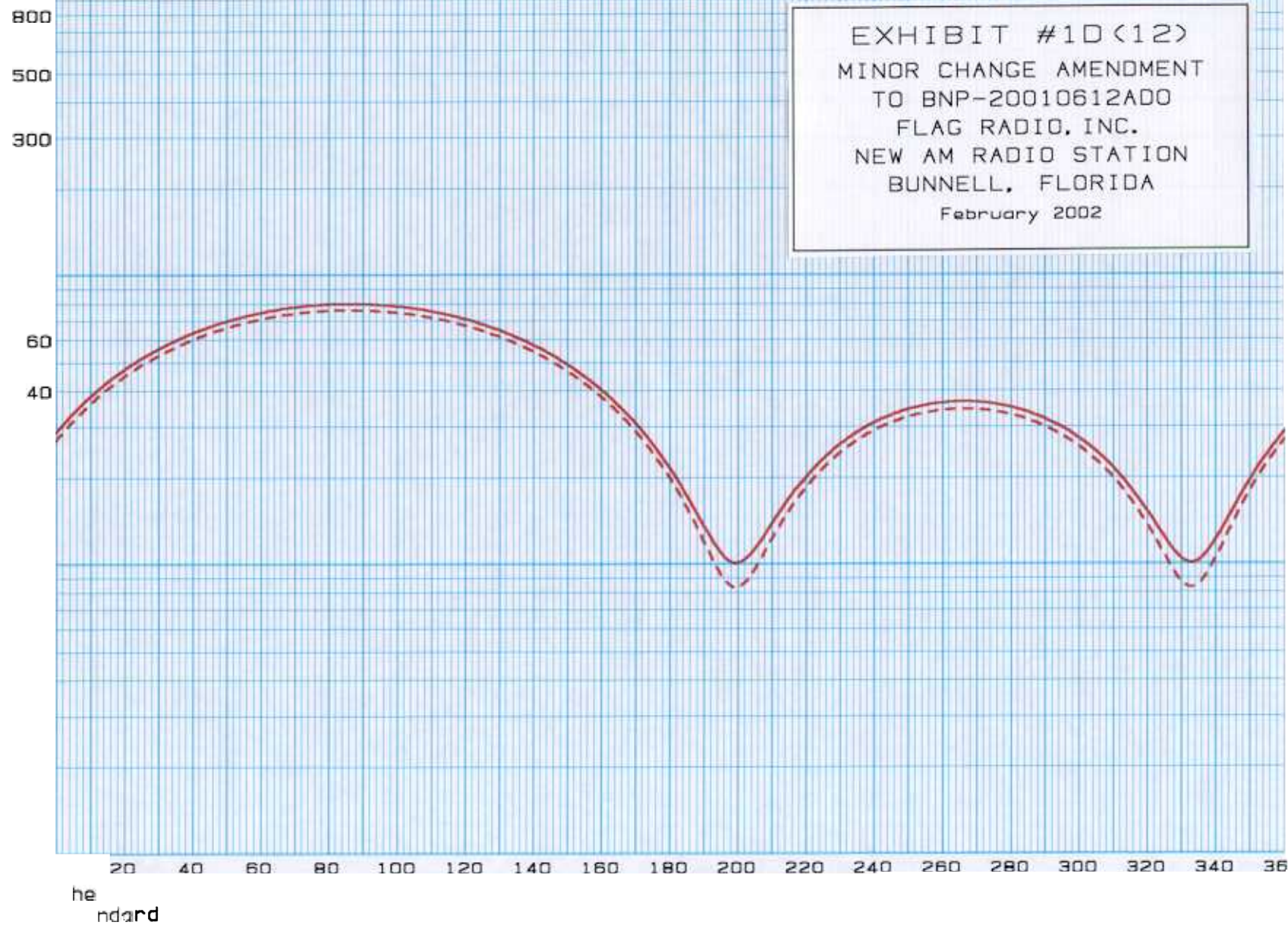


quenc

000

g

Deg





Station: NEW

Frequency: 1550.000 kHz

Elevation Angle: 60.0 Degrees

