

AM Radiation Report

Call: KPHX
 Freq: 1480 kHz
 PHOENIX, AZ, US
 Hours: N
 Lat: 33-23-21 N
 Lng: 111-59-53 W
 Power: 0.32 kW
 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	255.50	5.0	260.46	10.0	264.76
15.0	268.37	20.0	271.29	25.0	273.50
30.0	275.00	35.0	275.78	40.0	275.85
45.0	275.21	50.0	273.85	55.0	271.79
60.0	269.01	65.0	265.54	70.0	261.38
75.0	256.54	80.0	251.06	85.0	244.94
90.0	238.24	95.0	230.99	100.0	223.25
105.0	215.08	110.0	206.55	115.0	197.75
120.0	188.78	125.0	179.74	130.0	170.74
135.0	161.90	140.0	153.34	145.0	145.18
150.0	137.54	155.0	130.53	160.0	124.24
165.0	118.72	170.0	114.02	175.0	110.13
180.0	107.02	185.0	104.63	190.0	102.85
195.0	101.60	200.0	100.75	205.0	100.22
210.0	99.91	215.0	99.76	220.0	99.75
225.0	99.87	230.0	100.14	235.0	100.63
240.0	101.40	245.0	102.57	250.0	104.23
255.0	106.49	260.0	109.45	265.0	113.17
270.0	117.71	275.0	123.07	280.0	129.21
285.0	136.09	290.0	143.61	295.0	151.67
300.0	160.16	305.0	168.95	310.0	177.93
315.0	186.98	320.0	195.97	325.0	204.81
330.0	213.40	335.0	221.64	340.0	229.48
345.0	236.83	350.0	243.65	355.0	249.88

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 Power: 0.32 kW
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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 5.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	248.53	5.0	253.43	10.0	257.67
15.0	261.23	20.0	264.11	25.0	266.29
30.0	267.76	35.0	268.54	40.0	268.61
45.0	267.97	50.0	266.64	55.0	264.60
60.0	261.86	65.0	258.44	70.0	254.33
75.0	249.56	80.0	244.15	85.0	238.11
90.0	231.49	95.0	224.33	100.0	216.68
105.0	208.60	110.0	200.16	115.0	191.44
120.0	182.54	125.0	173.55	130.0	164.59
135.0	155.77	140.0	147.22	145.0	139.04
150.0	131.36	155.0	124.28	160.0	117.90
165.0	112.29	170.0	107.48	175.0	103.49
180.0	100.28	185.0	97.80	190.0	95.95
195.0	94.63	200.0	93.74	205.0	93.17
210.0	92.84	215.0	92.68	220.0	92.67
225.0	92.79	230.0	93.09	235.0	93.60
240.0	94.42	245.0	95.65	250.0	97.38
255.0	99.73	260.0	102.78	265.0	106.62
270.0	111.26	275.0	116.72	280.0	122.95
285.0	129.89	290.0	137.46	295.0	145.55
300.0	154.04	305.0	162.81	310.0	171.75
315.0	180.74	320.0	189.67	325.0	198.43
330.0	206.93	335.0	215.09	340.0	222.84
345.0	230.10	350.0	236.84	355.0	242.99

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 10.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	228.82	5.0	233.51	10.0	237.57
15.0	240.97	20.0	243.72	25.0	245.81
30.0	247.22	35.0	247.96	40.0	248.03
45.0	247.42	50.0	246.14	55.0	244.19
60.0	241.58	65.0	238.30	70.0	234.37
75.0	229.80	80.0	224.62	85.0	218.83
90.0	212.47	95.0	205.59	100.0	198.22
105.0	190.42	110.0	182.25	115.0	173.79
120.0	165.13	125.0	156.34	130.0	147.53
135.0	138.81	140.0	130.28	145.0	122.06
150.0	114.26	155.0	106.99	160.0	100.35
165.0	94.42	170.0	89.26	175.0	84.90
180.0	81.34	185.0	78.53	190.0	76.40
195.0	74.86	200.0	73.79	205.0	73.10
210.0	72.69	215.0	72.49	220.0	72.47
225.0	72.63	230.0	73.00	235.0	73.63
240.0	74.61	245.0	76.05	250.0	78.05
255.0	80.72	260.0	84.12	265.0	88.32
270.0	93.32	275.0	99.10	280.0	105.61
285.0	112.76	290.0	120.46	295.0	128.61
300.0	137.08	305.0	145.78	310.0	154.58
315.0	163.38	320.0	172.07	325.0	180.58
330.0	188.81	335.0	196.69	340.0	204.15
345.0	211.14	350.0	217.60	355.0	223.50

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 15.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	199.82	5.0	204.13	10.0	207.86
15.0	210.99	20.0	213.51	25.0	215.43
30.0	216.72	35.0	217.40	40.0	217.46
45.0	216.91	50.0	215.73	55.0	213.95
60.0	211.54	65.0	208.54	70.0	204.93
75.0	200.73	80.0	195.95	85.0	190.62
90.0	184.75	95.0	178.39	100.0	171.56
105.0	164.31	110.0	156.69	115.0	148.77
120.0	140.61	125.0	132.28	130.0	123.86
135.0	115.44	140.0	107.10	145.0	98.95
150.0	91.08	155.0	83.58	160.0	76.55
165.0	70.08	170.0	64.26	175.0	59.14
180.0	54.78	185.0	51.19	190.0	48.34
195.0	46.19	200.0	44.63	205.0	43.58
210.0	42.94	215.0	42.63	220.0	42.60
225.0	42.85	230.0	43.42	235.0	44.39
240.0	45.83	245.0	47.86	250.0	50.56
255.0	54.00	260.0	58.21	265.0	63.17
270.0	68.86	275.0	75.21	280.0	82.13
285.0	89.55	290.0	97.35	295.0	105.46
300.0	113.76	305.0	122.17	310.0	130.60
315.0	138.95	320.0	147.16	325.0	155.13
330.0	162.81	335.0	170.14	340.0	177.06
345.0	183.52	350.0	189.49	355.0	194.93

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#	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	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern					
Calculated at 20.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	167.12	5.0	170.83	10.0	174.02
15.0	176.71	20.0	178.87	25.0	180.51
30.0	181.62	35.0	182.20	40.0	182.26
45.0	181.78	50.0	180.77	55.0	179.24
60.0	177.18	65.0	174.60	70.0	171.51
75.0	167.90	80.0	163.81	85.0	159.23
90.0	154.19	95.0	148.72	100.0	142.84
105.0	136.59	110.0	130.01	115.0	123.15
120.0	116.05	125.0	108.78	130.0	101.39
135.0	93.94	140.0	86.51	145.0	79.15
150.0	71.94	155.0	64.95	160.0	58.23
165.0	51.86	170.0	45.90	175.0	40.40
180.0	35.42	185.0	31.01	190.0	27.20
195.0	24.03	200.0	21.51	205.0	19.63
210.0	18.38	215.0	17.74	220.0	17.68
225.0	18.20	230.0	19.33	235.0	21.08
240.0	23.47	245.0	26.52	250.0	30.20
255.0	34.49	260.0	39.36	265.0	44.76
270.0	50.63	275.0	56.93	280.0	63.58
285.0	70.52	290.0	77.69	295.0	85.03
300.0	92.45	305.0	99.90	310.0	107.31
315.0	114.61	320.0	121.75	325.0	128.66
330.0	135.30	335.0	141.62	340.0	147.58
345.0	153.13	350.0	158.26	355.0	162.93

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 25.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	138.18	5.0	140.92	10.0	143.30
15.0	145.29	20.0	146.91	25.0	148.13
30.0	148.96	35.0	149.39	40.0	149.43
45.0	149.08	50.0	148.33	55.0	147.18
60.0	145.65	65.0	143.73	70.0	141.43
75.0	138.76	80.0	135.73	85.0	132.35
90.0	128.66	95.0	124.65	100.0	120.38
105.0	115.86	110.0	111.13	115.0	106.23
120.0	101.21	125.0	96.12	130.0	91.02
135.0	85.95	140.0	80.98	145.0	76.17
150.0	71.57	155.0	67.25	160.0	63.26
165.0	59.64	170.0	56.42	175.0	53.63
180.0	51.27	185.0	49.33	190.0	47.78
195.0	46.59	200.0	45.71	205.0	45.10
210.0	44.71	215.0	44.52	220.0	44.50
225.0	44.66	230.0	45.00	235.0	45.57
240.0	46.39	245.0	47.52	250.0	48.99
255.0	50.85	260.0	53.12	265.0	55.83
270.0	58.96	275.0	62.50	280.0	66.43
285.0	70.69	290.0	75.23	295.0	80.00
300.0	84.95	305.0	90.00	310.0	95.10
315.0	100.20	320.0	105.23	325.0	110.16
330.0	114.93	335.0	119.49	340.0	123.82
345.0	127.88	350.0	131.64	355.0	135.08

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 30.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	120.84	5.0	122.27	10.0	123.51
15.0	124.56	20.0	125.42	25.0	126.07
30.0	126.51	35.0	126.74	40.0	126.76
45.0	126.57	50.0	126.17	55.0	125.56
60.0	124.75	65.0	123.74	70.0	122.53
75.0	121.14	80.0	119.58	85.0	117.85
90.0	115.99	95.0	113.99	100.0	111.89
105.0	109.71	110.0	107.47	115.0	105.21
120.0	102.94	125.0	100.69	130.0	98.51
135.0	96.40	140.0	94.41	145.0	92.55
150.0	90.83	155.0	89.28	160.0	87.90
165.0	86.70	170.0	85.66	175.0	84.79
180.0	84.07	185.0	83.49	190.0	83.04
195.0	82.69	200.0	82.43	205.0	82.25
210.0	82.13	215.0	82.07	220.0	82.07
225.0	82.12	230.0	82.22	235.0	82.39
240.0	82.63	245.0	82.96	250.0	83.39
255.0	83.95	260.0	84.64	265.0	85.47
270.0	86.48	275.0	87.65	280.0	88.99
285.0	90.51	290.0	92.19	295.0	94.03
300.0	95.99	305.0	98.08	310.0	100.25
315.0	102.48	320.0	104.75	325.0	107.02
330.0	109.27	335.0	111.46	340.0	113.58
345.0	115.60	350.0	117.49	355.0	119.25

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 35.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	118.46	5.0	118.59	10.0	118.71
15.0	118.81	20.0	118.89	25.0	118.95
30.0	118.99	35.0	119.02	40.0	119.02
45.0	119.00	50.0	118.96	55.0	118.90
60.0	118.83	65.0	118.73	70.0	118.62
75.0	118.49	80.0	118.35	85.0	118.19
90.0	118.03	95.0	117.85	100.0	117.67
105.0	117.49	110.0	117.30	115.0	117.12
120.0	116.93	125.0	116.76	130.0	116.59
135.0	116.43	140.0	116.28	145.0	116.14
150.0	116.02	155.0	115.91	160.0	115.81
165.0	115.72	170.0	115.65	175.0	115.59
180.0	115.54	185.0	115.49	190.0	115.46
195.0	115.43	200.0	115.42	205.0	115.40
210.0	115.39	215.0	115.39	220.0	115.39
225.0	115.39	230.0	115.40	235.0	115.41
240.0	115.43	245.0	115.45	250.0	115.49
255.0	115.53	260.0	115.58	265.0	115.63
270.0	115.71	275.0	115.79	280.0	115.89
285.0	115.99	290.0	116.12	295.0	116.25
300.0	116.40	305.0	116.56	310.0	116.72
315.0	116.90	320.0	117.08	325.0	117.26
330.0	117.45	335.0	117.64	340.0	117.82
345.0	117.99	350.0	118.16	355.0	118.32

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 40.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	126.03	5.0	125.35	10.0	124.76
15.0	124.24	20.0	123.82	25.0	123.50
30.0	123.28	35.0	123.16	40.0	123.15
45.0	123.25	50.0	123.45	55.0	123.75
60.0	124.15	65.0	124.65	70.0	125.23
75.0	125.89	80.0	126.61	85.0	127.40
90.0	128.23	95.0	129.10	100.0	129.99
105.0	130.90	110.0	131.81	115.0	132.70
120.0	133.58	125.0	134.42	130.0	135.22
135.0	135.98	140.0	136.69	145.0	137.34
150.0	137.93	155.0	138.46	160.0	138.92
165.0	139.34	170.0	139.69	175.0	139.99
180.0	140.24	185.0	140.45	190.0	140.62
195.0	140.75	200.0	140.85	205.0	140.92
210.0	140.97	215.0	140.99	220.0	140.99
225.0	140.97	230.0	140.93	235.0	140.86
240.0	140.77	245.0	140.65	250.0	140.49
255.0	140.29	260.0	140.04	265.0	139.75
270.0	139.41	275.0	139.01	280.0	138.55
285.0	138.04	290.0	137.46	295.0	136.82
300.0	136.13	305.0	135.38	310.0	134.58
315.0	133.75	320.0	132.88	325.0	131.99
330.0	131.08	335.0	130.17	340.0	129.28
345.0	128.40	350.0	127.56	355.0	126.77

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 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 45.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	135.41	5.0	134.44	10.0	133.57
15.0	132.82	20.0	132.20	25.0	131.73
30.0	131.40	35.0	131.23	40.0	131.21
45.0	131.35	50.0	131.65	55.0	132.09
60.0	132.68	65.0	133.41	70.0	134.25
75.0	135.21	80.0	136.27	85.0	137.41
90.0	138.61	95.0	139.87	100.0	141.16
105.0	142.46	110.0	143.76	115.0	145.05
120.0	146.31	125.0	147.53	130.0	148.69
135.0	149.78	140.0	150.80	145.0	151.75
150.0	152.61	155.0	153.39	160.0	154.08
165.0	154.70	170.0	155.23	175.0	155.69
180.0	156.08	185.0	156.40	190.0	156.67
195.0	156.88	200.0	157.04	205.0	157.16
210.0	157.24	215.0	157.28	220.0	157.28
225.0	157.25	230.0	157.18	235.0	157.07
240.0	156.92	245.0	156.71	250.0	156.46
255.0	156.15	260.0	155.77	265.0	155.33
270.0	154.81	275.0	154.21	280.0	153.53
285.0	152.77	290.0	151.93	295.0	151.00
300.0	149.99	305.0	148.91	310.0	147.76
315.0	146.56	320.0	145.31	325.0	144.02
330.0	142.72	335.0	141.42	340.0	140.12
345.0	138.86	350.0	137.64	355.0	136.49

Call: KPHX
 Freq: 1480 kHz
 PHOENIX, AZ, US
 Hours: N
 Lat: 33-23-21 N
 Lng: 111-59-53 W
 Power: 0.32 kW
 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 50.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	141.14	5.0	140.15	10.0	139.27
15.0	138.52	20.0	137.90	25.0	137.42
30.0	137.09	35.0	136.91	40.0	136.90
45.0	137.04	50.0	137.34	55.0	137.79
60.0	138.38	65.0	139.11	70.0	139.97
75.0	140.94	80.0	142.01	85.0	143.16
90.0	144.38	95.0	145.65	100.0	146.95
105.0	148.28	110.0	149.61	115.0	150.92
120.0	152.21	125.0	153.45	130.0	154.64
135.0	155.78	140.0	156.84	145.0	157.83
150.0	158.73	155.0	159.56	160.0	160.30
165.0	160.97	170.0	161.55	175.0	162.05
180.0	162.49	185.0	162.85	190.0	163.15
195.0	163.40	200.0	163.59	205.0	163.73
210.0	163.82	215.0	163.87	220.0	163.87
225.0	163.84	230.0	163.75	235.0	163.62
240.0	163.44	245.0	163.21	250.0	162.92
255.0	162.56	260.0	162.15	265.0	161.65
270.0	161.09	275.0	160.44	280.0	159.72
285.0	158.91	290.0	158.01	295.0	157.04
300.0	155.99	305.0	154.88	310.0	153.69
315.0	152.46	320.0	151.18	325.0	149.87
330.0	148.54	335.0	147.22	340.0	145.91
345.0	144.63	350.0	143.40	355.0	142.23

Call: KPHX
 Freq: 1480 kHz
 PHOENIX, AZ, US
 Hours: N
 Lat: 33-23-21 N
 Lng: 111-59-53 W
 Power: 0.32 kW
 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 55.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	140.81	5.0	139.95	10.0	139.19
15.0	138.54	20.0	138.00	25.0	137.58
30.0	137.30	35.0	137.15	40.0	137.14
45.0	137.26	50.0	137.52	55.0	137.91
60.0	138.42	65.0	139.05	70.0	139.79
75.0	140.63	80.0	141.56	85.0	142.56
90.0	143.63	95.0	144.73	100.0	145.88
105.0	147.04	110.0	148.20	115.0	149.36
120.0	150.50	125.0	151.61	130.0	152.68
135.0	153.69	140.0	154.65	145.0	155.55
150.0	156.38	155.0	157.15	160.0	157.84
165.0	158.46	170.0	159.02	175.0	159.50
180.0	159.92	185.0	160.28	190.0	160.58
195.0	160.82	200.0	161.02	205.0	161.16
210.0	161.26	215.0	161.30	220.0	161.31
225.0	161.27	230.0	161.18	235.0	161.05
240.0	160.87	245.0	160.63	250.0	160.34
255.0	160.00	260.0	159.59	265.0	159.12
270.0	158.58	275.0	157.97	280.0	157.29
285.0	156.54	290.0	155.72	295.0	154.84
300.0	153.89	305.0	152.88	310.0	151.83
315.0	150.73	320.0	149.59	325.0	148.44
330.0	147.27	335.0	146.11	340.0	144.96
345.0	143.84	350.0	142.77	355.0	141.76

Call: KPHX
 Freq: 1480 kHz
 PHOENIX, AZ, US
 Hours: N
 Lat: 33-23-21 N
 Lng: 111-59-53 W
 Power: 0.32 kW
 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 60.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	133.94	5.0	133.26	10.0	132.67
15.0	132.15	20.0	131.73	25.0	131.41
30.0	131.19	35.0	131.07	40.0	131.06
45.0	131.16	50.0	131.36	55.0	131.66
60.0	132.06	65.0	132.56	70.0	133.14
75.0	133.80	80.0	134.52	85.0	135.31
90.0	136.15	95.0	137.03	100.0	137.93
105.0	138.85	110.0	139.78	115.0	140.71
120.0	141.63	125.0	142.52	130.0	143.39
135.0	144.22	140.0	145.01	145.0	145.75
150.0	146.45	155.0	147.09	160.0	147.68
165.0	148.21	170.0	148.69	175.0	149.11
180.0	149.48	185.0	149.80	190.0	150.07
195.0	150.29	200.0	150.47	205.0	150.60
210.0	150.69	215.0	150.73	220.0	150.74
225.0	150.70	230.0	150.62	235.0	150.50
240.0	150.33	245.0	150.12	250.0	149.86
255.0	149.55	260.0	149.19	265.0	148.78
270.0	148.31	275.0	147.79	280.0	147.21
285.0	146.58	290.0	145.90	295.0	145.16
300.0	144.38	305.0	143.56	310.0	142.70
315.0	141.81	320.0	140.90	325.0	139.97
330.0	139.04	335.0	138.11	340.0	137.21
345.0	136.32	350.0	135.48	355.0	134.68