

Night Radiation Limit Report for KPHX

Frequency: 1480 kHz

Latitude: 33-23-21 N

Longitude: 111-59-53 W

	Ct	St	City	Azimuth (Deg)	Min Theta (Deg)	Max Theta (Deg)	Limit (mV/m @ 1km)
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4:							
KJNT	US	WY	ETNA	4.3	5.2	10.1	464.0
27:							
KKTY	US	WY	DOUGLAS	27.0	4.2	8.7	1697.3
45:							
KMNQ	US	MN	BROOKLYN PARK	45.3	0.0	2.0	30820.9
50:							
KAUS	US	MN	AUSTIN	49.8	0.0	2.3	549.7
54:							
KLMS	US	NE	LINCOLN	54.4	1.6	4.9	351.5
55:							
NEW MONONA	US	WI	MONONA	54.8	0.0	1.1	848.3
WLMV	US	WI	MADISON	54.8	0.0	1.1	848.3
WIBD	US	WI	WEST BEND	54.8	0.0	0.5	49687.9
56:							
1480CHRD/	CA	QC	Drummondville	55.7	0.0	0.0	24438.2
58:							
WGVU	US	MI	KENTWOOD	57.7	0.0	0.0	3958.1
WFNT	US	MI	FLINT	58.3	0.0	0.0	14833.7
1480CKDX/	CA	ON	Newmarket	57.6	0.0	0.0	21314.0
59:							
WSPY	US	IL	GENEVA	58.6	0.0	0.8	919.3
WLAM	US	ME	LEWISTON	59.2	0.0	0.0	37401.8
60:							
WSDS	US	MI	SALEM TOWNSHIP	60.0	0.0	0.0	3306.7
61:							
KAIR	US	KS	ATCHISON	60.6	1.2	4.4	4487.3
62:							
WRSW	US	IN	WARSAW	61.7	0.0	0.0	1518.6
WMBD	US	IL	PEORIA	61.6	0.0	1.5	4467.6
WNYX	US	NY	ITHACA	61.6	0.0	0.0	43905.2
WAZN	US	MA	WATERTOWN	62.1	0.0	0.0	55978.0
63:							
KCZZ	US	KS	MISSION	62.9	1.2	4.4	652.3
WSAR	US	MA	FALL RIVER	63.3	0.0	0.0	1950.5
WSAR	US	MA	FALL RIVER	63.3	0.0	0.0	1950.5
WLOA	US	PA	FARRELL	63.4	0.0	0.0	19324.7
64:							
WHBC	US	OH	CANTON	64.3	0.0	0.0	944.6
WMMW	US	CT	MERIDEN	63.6	0.0	0.0	47461.0
65:							
WZRC	US	NY	NEW YORK	64.9	0.0	0.0	1592.2
WSAN	US	PA	ALLENTOWN	65.3	0.0	0.0	16167.7
66:							
KQAM	US	KS	WICHITA	65.8	2.6	6.4	272.5
WPFR	US	IN	TERRE HAUTE	65.7	0.0	0.8	645.5
WCNS	US	PA	LATROBE	65.7	0.0	0.0	1171.8
67:							
WDJO	US	OH	CINCINNATI	67.3	0.0	0.0	949.0
WDAS	US	PA	PHILADELPHIA	66.5	0.0	0.0	1432.9

WTTR	US MD WESTMINSTER	67.3	0.0	0.0	27802.1
WTTR	US MD WESTMINSTER	67.3	0.0	0.0	27818.2
69:					
WPWC	US VA DUMFRIES-TRIANG	69.5	0.0	0.0	1531.6
71:					
WTOX	US VA GLEN ALLEN	71.3	0.0	0.0	1319.7
75:					
WWBG	US NC GREENSBORO	74.9	0.0	0.0	11062.7
WVOL	US TN BERRY HILL	75.1	0.0	0.7	12553.7
77:					
WGFY	US NC CHARLOTTE	77.0	0.0	0.0	1142.6
WGFY	US NC CHARLOTTE	77.0	0.0	0.0	1142.6
80:					
WNAU	US MS NEW ALBANY	80.2	0.0	1.7	11317.6
WRGA	US GA ROME	80.1	0.0	0.0	15895.3
84:					
WCLA	US GA CLAXTON	84.4	0.0	0.0	60599.4
89:					
KBXD	US TX DALLAS	89.0	2.5	6.2	395.0
91:					
WABF	US AL MOBILE	91.0	0.0	0.9	1168.2
94:					
WMGG	US FL EGYPT LAKE	94.0	0.0	0.0	35819.4
96:					
KLCL	US LA LAKE CHARLES	96.1	0.5	3.5	5090.4
WWNN	US FL POMPANO BEACH	96.2	0.0	0.0	29067.2
98:					
WVOI	US FL MARCO ISLAND	97.6	0.0	0.0	2957.3
WMDD	US PR FAJARDO	98.1	0.0	0.0	5266.6
99:					
WDEP	US PR PONCE	99.2	0.0	0.0	51479.1
WDEP	US PR PONCE	99.2	0.0	0.0	51510.8
WKUM	US PR OROCOVIS	98.7	0.0	0.0	64269.7
100:					
KLVL	US TX PASADENA	100.0	1.3	4.6	548.6
101:					
HIAH-C	DR S DOMINGO 4	100.9	0.0	0.0	69240.1
103:					
CMHR-D	CU FLORIDA	103.0	0.0	0.0	10419.8
ZYJ-601-A	BR ACU	103.0	0.0	0.0	93219.0
104:					
UNK-A	BR PIRACURUCA	104.5	0.0	0.0	35466.3
UNK-A	BR QUIXERA MADA	104.0	0.0	0.0	91645.2
106:					
ZYI-790-A	BR SERRA TALHAD	105.8	0.0	0.0	76329.3
108:					
ZYH-897-A	BR COLINAS	107.8	0.0	0.0	85090.4
UNK-A	BR ELESBAO VELO	108.3	0.0	0.0	88383.9
111:					
ZYH510-A	BR XIQUE XIQUE	110.8	0.0	0.0	89853.1
112:					
XECCQ/A	MX QR CANCUN	112.4	0.0	0.0	8612.6
113:					
UNK-A	BR SANTANA	113.3	0.0	0.0	99307.5
114:					
HJOD-A	CO EL RODADERO	113.8	0.0	0.0	65800.7
115:					
ZYL265-A	BR NANUQUE	115.0	0.0	0.0	43243.5
117:					

HJ TZ-A	CO	LEBRIJA	117.4	0.0	0.0	91164.5
120:						
ZYL-307-A	BR	TIRADENTES	119.8	0.0	0.0	62520.2
121:						
UNK-A	BR	S GONCALO SA	121.2	0.0	0.0	64728.4
ZYJ-488-A	BR	NOVA IGUACU	120.6	0.0	0.0	86636.3
122:						
XEXU/A	MX CO	CIUDAD FRONTERA	122.4	6.0	6.0	531.5
TGBH-D (70)	GT	HORIZONTES	122.4	0.0	0.0	6609.4
TGBH-D (15)	GT	HORIZONTES	122.3	0.0	0.0	6612.3
TGBH-D (65)	GT	HORIZONTES	122.1	0.0	0.0	6628.5
TGBH-D (20)	GT	HORIZONTES	122.0	0.0	0.0	6695.1
TGBH-D (45)	GT	HORIZONTES	121.9	0.0	0.0	6705.4
TGBH-D (25)	GT	HORIZONTES	121.8	0.0	0.0	6740.8
TGBH-D (30)	GT	HORIZONTES	121.7	0.0	0.0	6768.0
TGBH-D (35)	GT	HORIZONTES	121.6	0.0	0.0	6774.7
TGBH-D (40)	GT	HORIZONTES	121.5	0.0	0.0	6776.7
ZYL-235-A	BR	FRUTAL 1	121.9	0.0	0.0	61874.9
HJFC-A	CO	PEREIRA 3	122.2	0.0	0.0	70556.7
ZYK-539-A	BR	ANTINOPOLIS	121.6	0.0	0.0	70644.9
123:						
XEXU/A	MX CI	VILLA FRONTERA	122.5	6.0	6.0	532.8
TGBH-D (85)	GT	HORIZONTES	123.4	0.0	0.0	6343.9
TGBH-D (80)	GT	HORIZONTES	123.1	0.0	0.0	6461.5
TGBH-D (60)	GT	HORIZONTES	122.6	0.0	0.0	6500.1
TGBH-D (5)	GT	HORIZONTES	123.1	0.0	0.0	6544.7
TGBH-D (75)	GT	HORIZONTES	122.7	0.0	0.0	6554.6
TGBH-D (10)	GT	HORIZONTES	122.7	0.0	0.0	6581.4
ZYK707-A	BR	SAO ROQUE	123.4	0.0	0.0	54831.0
ZYI422-A	BR	ATIBAIA	122.7	0.0	0.0	56219.3
124:						
XETKR/A	MX NL	GUADALUPE	123.8	4.5	4.5	863.8
XETKR/O	MX NL	GUADALUPE	123.8	4.5	4.5	863.8
XETKR/O	MX NL	GUADALUPE	123.8	4.5	4.5	863.8
TGBH-D (95)	GT	HORIZONTES	124.3	0.0	0.0	6008.9
TGBH-D (90)	GT	HORIZONTES	123.9	0.0	0.0	6172.9
TGBH-D (55)	GT	HORIZONTES	123.6	0.0	0.0	6462.5
TGBH-D (0)	GT	HORIZONTES	123.5	0.0	0.0	6466.8
TGBH-D (50)	GT	HORIZONTES	123.8	0.0	0.0	6487.2
TGBH-D (355)	GT	HORIZONTES	124.0	0.0	0.0	6570.3
HREZ-B	HO	TEGUCIGALPA	124.5	0.0	0.0	12482.7
ZYI-393-A	BR	TRES LAGOAS	124.2	0.0	0.0	59865.0
ZYK-562-A	BR	BILAC	123.8	0.0	0.0	63559.4
125:						
TGBH-D (105)	GT	HORIZONTES	125.3	0.0	0.0	5704.0
TGBH-D (350)	GT	HORIZONTES	125.1	0.0	0.0	5726.2
TGBH-D (100)	GT	HORIZONTES	124.8	0.0	0.0	5850.0
HJIB-A	CO	FLORENCIA	125.2	0.0	0.0	81629.0
126:						
XE/A	MX CS	PALENQUE	126.3	0.0	0.0	5123.0
TGBH-D (115)	GT	HORIZONTES	126.3	0.0	0.0	5327.7
TGBH-D (110)	GT	HORIZONTES	125.8	0.0	0.0	5525.7
TGBH-D (345)	GT	HORIZONTES	125.7	0.0	0.0	5572.7
ZYJ-327-A	BR	ASTORGA	126.0	0.0	0.0	61904.7
ZYJ221-A	BR	PIRAI DO SUL	125.9	0.0	0.0	63755.4
127:						
XEVIC/O	MX TA	CD.VICTORIA	127.4	2.9	2.9	1699.1
TGBH-D (120)	GT	HORIZONTES	126.9	0.0	0.0	5284.8
TGBH-D (340)	GT	HORIZONTES	127.4	0.0	0.0	6780.6

TIAC-B	CS	PUNTARENAS	126.9	0.0	0.0	7410.2
ZYJ-731-A	BR	JOINVILLE	126.5	0.0	0.0	65357.9
128:						
TGBH-D (125)	GT	HORIZONTES	127.9	0.0	0.0	5423.1
TGBH-D (130)	GT	HORIZONTES	128.4	0.0	0.0	5741.3
TGBH-D (325)	GT	HORIZONTES	128.3	0.0	0.0	6738.7
TGBH-D (330)	GT	HORIZONTES	128.0	0.0	0.0	6772.3
TGBH-D (335)	GT	HORIZONTES	127.7	0.0	0.0	6791.8
ZP 23-A	PA	BELLA VISTA	128.3	0.0	0.0	57975.3
ZYI-408-A	BR	BONITO	127.6	0.0	0.0	61254.0
ZYJ-270-A	BR	UNIAO VITORI	127.8	0.0	0.0	65357.9
UNK-A	BR	ARANJE DO S	128.1	0.0	0.0	66911.0
ZYJ-762-A	BR	IMARUI	128.0	0.0	0.0	68066.0
ZYJ302-A	BR	IPORA 1	127.8	0.0	0.0	71531.6
129:						
TGBH-D (135)	GT	HORIZONTES	128.8	0.0	0.0	5868.3
TGBH-D (140)	GT	HORIZONTES	129.0	0.0	0.0	5954.1
TGBH-D (145)	GT	HORIZONTES	129.3	0.0	0.0	6080.2
TGBH-D (150)	GT	HORIZONTES	129.4	0.0	0.0	6198.6
TGBH-D (320)	GT	HORIZONTES	128.7	0.0	0.0	6698.3
TGBH-D (315)	GT	HORIZONTES	129.1	0.0	0.0	6725.5
TGBH-D (310)	GT	HORIZONTES	129.5	0.0	0.0	6779.1
HCVQ7-A	EC	BAEZA	129.1	0.0	0.0	74886.2
130:						
TGBH-D (155)	GT	HORIZONTES	129.5	0.0	0.0	6271.6
TGBH-D (160)	GT	HORIZONTES	129.6	0.0	0.0	6285.2
TGBH-D (165)	GT	HORIZONTES	129.7	0.0	0.0	6296.1
TGBH-D (170)	GT	HORIZONTES	129.7	0.0	0.0	6303.7
TGBH-D (175)	GT	HORIZONTES	129.8	0.0	0.0	6320.9
TGBH-D (180)	GT	HORIZONTES	129.8	0.0	0.0	6334.6
TGBH-D (185)	GT	HORIZONTES	129.9	0.0	0.0	6341.5
TGBH-D (190)	GT	HORIZONTES	130.0	0.0	0.0	6344.4
TGBH-D (195)	GT	HORIZONTES	130.1	0.0	0.0	6347.8
TGBH-D (200)	GT	HORIZONTES	130.2	0.0	0.0	6350.1
TGBH-D (205)	GT	HORIZONTES	130.3	0.0	0.0	6355.5
TGBH-D (210)	GT	HORIZONTES	130.4	0.0	0.0	6394.1
TGBH-D (305)	GT	HORIZONTES	129.9	0.0	0.0	6832.1
TGBH-D (300)	GT	HORIZONTES	130.2	0.0	0.0	6877.7
HCCY6-A	EC	EL CORAZON	130.4	0.0	0.0	71013.4
HCMC1-A	EC I	MUNICIPAL CO	129.7	0.0	0.0	73547.8
UNK-A	BR	CAIBI	129.8	0.0	0.0	76350.5
ZYK-321-A	BR	VERANOPOLIS	130.1	0.0	0.0	77160.8
ZP74-A	PA	LIMA	129.6	0.0	0.0	78515.5
131:						
XEHM1/O	MX CH	CD.DELICIAS	131.3	10.8	10.8	223.2
XEPR/A	MX VC	POZA RICA	131.1	0.8	0.8	4024.3
TGBH-D (215)	GT	HORIZONTES	130.5	0.0	0.0	6437.0
TGBH-D (220)	GT	HORIZONTES	130.7	0.0	0.0	6483.0
TGBH-D (225)	GT	HORIZONTES	130.8	0.0	0.0	6523.1
TGBH-D (230)	GT	HORIZONTES	130.9	0.0	0.0	6560.3
TGBH-D (235)	GT	HORIZONTES	131.0	0.0	0.0	6597.2
TGBH-D (240)	GT	HORIZONTES	131.2	0.0	0.0	6639.5
TGBH-D (245)	GT	HORIZONTES	131.3	0.0	0.0	6683.7
TGBH-D (250)	GT	HORIZONTES	131.5	0.0	0.0	6743.3
TGBH-D (290)	GT	HORIZONTES	130.7	0.0	0.0	6918.7
TGBH-D (295)	GT	HORIZONTES	130.6	0.0	0.0	6920.7
TGBH-D (285)	GT	HORIZONTES	131.0	0.0	0.0	6950.2
TGBH-D (280)	GT	HORIZONTES	131.3	0.0	0.0	6973.5
ZP 20-A	PA	VILLETA	131.3	0.0	0.0	58241.3

UNK-A	BR	GUARANI MISS	131.4	0.0	0.0	84750.2
132:						
TGBH-D (255)	GT	HORIZONTES	131.6	0.0	0.0	6806.2
TGBH-D (260)	GT	HORIZONTES	131.6	0.0	0.0	6856.4
TGBH-D (265)	GT	HORIZONTES	131.8	0.0	0.0	6960.5
TGBH-D (275)	GT	HORIZONTES	131.5	0.0	0.0	6991.1
TGBH-D (270)	GT	HORIZONTES	131.9	0.0	0.0	7030.7
HCWP5-A	EC	ATLANTIDA	132.0	0.0	0.0	70399.4
ZYK244-A	BR	FAXINAL SOTU	131.7	0.0	0.0	86967.8
133:						
HCJV4-A	EC	JIPIJAPA	133.2	0.0	0.0	79659.4
HCBS3-A	EC	PASAJE 1	132.9	0.0	0.0	96747.7
134:						
XEVCR/A	MX VC	RIO BLANCO	133.9	0.1	0.1	4746.8
XEQUB/A	MX OA	IXTEPEC	133.8	0.0	0.0	6640.6
CW43B-A	UY	RIVERA	133.9	0.0	0.0	79998.1
135:						
LRK368-A	AR	MONTE QUEMAD	135.3	0.0	0.0	57699.1
CW148-A	UY	CASTILLOS	135.3	0.0	0.0	83563.2
LRI384-A	AR	FEDERACION	135.5	0.0	0.0	90780.3
137:						
XEGX/A	MX GT	SAN LUIS DE LA	137.1	2.3	2.3	2409.3
XE/A	MX PU	ATLIXCO	136.7	0.5	0.5	4622.8
XEOU/A	MX OA	HUAJUAPAN DE LE	137.2	0.0	0.0	5421.7
CX148-A	UY	YOUNG	136.5	0.0	0.0	86036.2
138:						
LRK358-A	AR	MONTEROS	138.1	0.0	0.0	51220.2
LT39-A	AR	VICTORIA	138.1	0.0	0.0	76521.2
139:						
LRJ369-A	AR	DEAN FUNES	139.4	0.0	0.0	60814.0
LU27-A	AR	DOLORES	139.0	0.0	0.0	86358.0
140:						
XEMC/A	MX GT	SALVATIERRA	140.4	1.8	1.8	2977.5
XEXC/A	MX GR	TAXCO	140.1	0.7	0.7	4532.7
LRI235-A	AR	BALCARCE	140.4	0.0	0.0	74030.7
141:						
LRJ373-A	AR	VILLA UNION	141.4	0.0	0.0	53838.1
LRJ377-A	AR	TILISARAO	141.5	0.0	0.0	60902.0
LRI392-A	AR	BOLIVAR	141.0	0.0	0.0	69908.9
142:						
LRJ375-A	AR	CHEPES	141.5	0.0	0.0	54200.0
144:						
CA 148-A	CI	OVALLE	144.3	0.0	0.0	81421.8
145:						
XEIP/A	MX MC	URUAPAN	145.1	1.8	1.8	2851.1
XE/A	MX GR	TECPAN	144.9	0.4	0.4	4321.3
146:						
XEZJ/O	MX JA	GUADALAJARA	146.5	2.8	2.8	1936.4
XEZJ/O	MX JA	SAN MIGUEL	146.5	2.8	2.8	1936.4
XEZJ1/O	MX JA	GUADALAJARA	146.4	2.8	2.8	1975.2
147:						
XEZJ/O	MX JA	GUADALAJARA	146.7	2.9	2.9	1886.1
149:						
CC 148-A	CI	TOME	149.0	0.0	0.0	61832.1
151:						
CD 148-A	CI	VALDIVIA 4	151.0	0.0	0.0	79683.2
160:						
XENS1/O	MX SO	NAVOJOA	160.3	12.8	12.8	172.5
168:						

XE/A	MX SO HERMOSILLO	167.8	20.3	20.3	129.5
253:					
XEMCA/O	MX BN CD.MORELOS	253.3	33.7	33.7	108.8
276:					
KVNR	US CA SANTA ANA	275.8	13.4	22.3	98.1
286:					
KUTY	US CA PALMDALE	286.0	12.8	21.4	3357.3
302:					
KYOS	US CA MERCED	302.0	7.3	13.2	159.2
KYOS	US CA MERCED	302.4	7.2	13.1	162.8
307:					
KIID	US CA SACRAMENTO	306.9	5.6	10.8	3192.6
311:					
KGOE	US CA EUREKA	310.6	3.0	6.9	177.9
329:					
KBMS	US WA VANCOUVER	329.2	1.3	4.6	408.4
331:					
KELA	US WA CENTRALIA-CHEHA	331.2	0.8	3.9	4470.1
339:					
CHLD/	CA BC Granisle	339.4	0.0	0.0	14805.7
340:					
KBSN	US WA MOSES LAKE	340.2	1.3	4.6	7940.7
341:					
CIFJ/	CA BC Fort St James	341.4	0.0	0.0	15015.5
357:					
1480CKER/	CA AB Edmonton	357.5	0.0	0.0	1773.6