

KTS – SAN ANTONIO 210-832-0883 gkeener1@satx.rr.com
NEW 1450, RUIDOSO, NM EXHIBIT 16
PROPOSED NIGHT LIMITS, NON-DOMESTIC

Proposed Night Limits

NEW 1450 kHz to Co-Channel Stations: 1450 kHz

***** Facilities/Points with Proposed Limits less than 0 mV/m are NOT printed**

Facility or Contour	Location	Dist km	Azim deg	Theta deg	Max IDF mV/m/km	Skywave uV/m	Limit mV/m	Required Protect
XEYZ-O	21-54-06N 102-16-19W	1314.6	164.4	5.3	5.3	299.4	37.5	2.243 8.731
XESS-O	31-52-52N 116-35-58W	1036.3	264.0	8.1	8.1	297.1	60.5	3.595 8.161
XE0053-P	28-13-00N 105-26-30W	570.0	177.8	17.3	17.3	282.7	115.0	6.504 7.509
XEARE-O	29-32-02N 104-27-40W	437.2	164.5	22.7	22.7	270.0	135.4	7.312 7.426
XEIN-P	16-41-58N 93-43-24W	2202.8	144.1	0.0	0.0	301.3	8.0	0.479 7.628
XEBP-O	25-34-00N 103-28-00W	890.0	165.5	10.1	10.1	294.8	75.2	4.435 7.929
XERY-O	18-19-32N 100-17-10W	1753.1	160.8	2.3	2.3	300.9	15.8	0.953 8.228
XEED1-P	20-33-29N 104-02-52W	1430.0	173.2	4.4	4.4	300.0	30.1	1.809 7.917
XEJTF-O	20-13-14N 103-24-20W	1475.6	170.7	4.1	4.1	300.2	27.6	1.659 7.843
XEGC-O	20-04-00N 102-43-00W	1504.2	168.0	3.9	3.9	300.3	26.2	1.571 8.367
XETD-O	22-24-15N 105-27-34W	1216.0	179.0	6.2	6.2	298.8	44.7	2.672 7.978
XEJM-O	25-39-14N 100-17-26W	999.9	147.2	8.6	8.6	296.6	64.2	3.806 8.290
XETEP-O	16-18-45N 98-01-10W	2042.4	156.0	0.8	0.8	301.2	9.8	0.591 7.740
XEPUE-O	18-56-34N 98-23-45W	1756.0	153.8	2.3	2.3	300.9	15.8	0.948 8.985
XEPUE1-P	18-58-51N 98-15-38W	1757.7	153.3	2.3	2.3	300.9	15.7	0.945 8.923
XENA-O	20-35-55N 100-26-20W	1507.6	158.6	3.8	3.8	300.3	26.0	1.561 8.750
XEGU-O	26-25-14N 108-39-00W	821.2	201.4	11.3	11.3	293.2	84.1	4.934 7.829
XEIE-O	23-37-23N 100-38-26W	1186.2	154.2	6.5	6.5	298.6	47.0	2.810 8.576
XEPE-O	27-55-30N 110-54-00W	782.8	221.3	12.0	12.0	292.2	88.4	5.169 8.503
XECM-O	22-48-45N 98-56-45W	1342.4	148.8	5.1	5.1	299.6	35.6	2.132 8.868
XEVH-O	25-45-00N 97-48-00W	1135.3	135.8	7.0	7.0	298.1	51.4	3.064 7.613
XEKM-O	17-59-11N 94-32-36W	2035.3	144.1	0.8	0.8	301.2	9.9	0.597 7.843
XEJD1-P	20-33-38N 97-26-23W	1636.5	148.1	3.0	3.0	300.7	19.9	1.200 8.122
XEPY-P	20-58-30N 89-37-20W	2094.6	126.8	0.5	0.5	301.2	9.1	0.550 5.930
XEZO-O	23-52-30N 103-02-00W	1083.1	165.6	7.6	7.6	297.6	56.3	3.350 7.413

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Facility or Contour	Location	Dist km	Azim deg	Theta deg	Max IDF mV/m/km	Skywave uV/m	Limit mV/m	Required Protect
LRJ380-P	33-14-00N 65-16-00W	8521.6	180.0	0.0	0.0	301.3	0.2	0.010 2.272
LRK373-P	25-54-00N 65-57-00W	7809.7	180.0	0.0	0.0	301.3	0.2	0.012 1.670
LRK375-P	27-08-00N 66-18-00W	7903.3	180.0	0.0	0.0	301.3	0.2	0.012 1.849
LRK372-P	21-56-00N 63-44-00W	7583.4	180.0	0.0	0.0	301.3	0.2	0.012 3.442
LRH395-P	26-25-00N 60-43-00W	8165.1	180.0	0.0	0.0	301.3	0.2	0.011 2.383
LV28-O	31-35-00N 63-15-00W	8478.2	180.0	0.0	0.0	301.3	0.2	0.010 1.963
ZYH634-O	5-53-00N 39-27-00W	8206.2	180.0	0.0	0.0	301.3	0.2	0.011 1.431
ALTOALE-P	1-06-00N 61-29-00W	5998.5	180.0	0.0	0.0	301.3	0.3	0.019 1.616
ZYJ317-O	22-03-00N 53-55-00W	8244.4	180.0	0.0	0.0	301.3	0.2	0.011 2.727
ZYK338-O	27-08-00N 52-11-00W	8776.9	180.0	0.0	0.0	301.3	0.2	0.010 1.817
ZYJ279-O	22-53-00N 50-22-00W	8564.0	180.0	0.0	0.0	301.3	0.2	0.010 1.921
ZYL480-O	21-28-00N 44-10-00W	8918.9	180.0	0.0	0.0	301.3	0.2	0.009 1.774
BATAGUA-P	20-17-00N 52-25-00W	8209.3	180.0	0.0	0.0	301.3	0.2	0.011 2.379
BELOCAM-P	14-58-00N 41-16-00W	8679.2	180.0	0.0	0.0	301.3	0.2	0.010 1.267
BOMJGOI-P	17-47-00N 49-45-00W	8211.9	180.0	0.0	0.0	301.3	0.2	0.011 1.727
BOMJESU-P	8-56-00N 44-22-00W	7991.7	180.0	0.0	0.0	301.3	0.2	0.011 1.547
ZYH623-O	1-05-00N 40-51-00W	7762.0	180.0	0.0	0.0	301.3	0.2	0.012 1.299
ZYL312-O	17-32-00N 47-17-00W	8383.0	180.0	0.0	0.0	301.3	0.2	0.010 1.700
ESTANCI-P	10-44-00N 37-26-00W	8710.2	180.0	0.0	0.0	301.3	0.2	0.010 1.307
GUARANO-P	3-36-00N 40-55-00W	7923.3	180.0	0.0	0.0	301.3	0.2	0.012 1.570
GUARANT-P	9-10-00N 55-30-00W	7098.5	180.0	0.0	0.0	301.3	0.2	0.014 2.705
ZYI208-O	19-20-00N 40-31-00W	9051.2	180.0	0.0	0.0	301.3	0.2	0.009 1.462
ZYK587-O	20-44-00N 50-39-00W	8374.1	180.0	0.0	0.0	301.3	0.2	0.010 1.983
GUARUJA-P	25-37-00N 53-32-20W	8561.5	180.0	0.0	0.0	301.3	0.2	0.010 2.267
ZYK591-O	22-33-00N 46-33-00W	8819.0	180.0	0.0	0.0	301.3	0.2	0.010 1.715

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Facility or Contour	Location	Dist km	Azim deg	Theta deg	Max ID mV/m/km	Skywave uV/m	Limit mV/m	Required Protect
IPIAU1-P	13-52-00N 39-44-00W	8729.6	180.0	0.0	0.0	301.3	0.2	0.010 1.287
ZYJ293-O	24-33-00N 50-38-00W	8676.9	180.0	0.0	0.0	301.3	0.2	0.010 1.912
ZYK800-O	19-40-00N 47-47-00W	8506.3	180.0	0.0	0.0	301.3	0.2	0.010 1.757
JANAUBA-P	14-12-00N 43-19-00W	8455.4	180.0	0.0	0.0	301.3	0.2	0.010 1.328
ZYL249-O	18-11-00N 43-08-00W	8758.6	180.0	0.0	0.0	301.3	0.2	0.010 1.717
ZYL270-O	21-44-00N 46-23-00W	8769.6	180.0	0.0	0.0	301.3	0.2	0.010 1.779
ZYI794-O	7-18-00N 35-35-00W	8642.3	180.0	0.0	0.0	301.3	0.2	0.010 1.399
PATOS-P	6-58-00N 37-17-00W	8469.8	180.0	0.0	0.0	301.3	0.2	0.010 1.634
PEDREIR-O	3-25-42N 44-37-18W	7585.8	180.0	0.0	0.0	301.3	0.2	0.012 1.279
ZYH601-O	4-47-00N 39-18-00W	8145.7	180.0	0.0	0.0	301.3	0.2	0.011 1.404
ZYI417-O	20-12-00N 54-34-00W	8048.0	180.0	0.0	0.0	301.3	0.2	0.011 3.089
ZYK346-O	31-57-00N 52-06-00W	9174.7	180.0	0.0	0.0	301.3	0.1	0.009 2.000
ZYJ503-O	20-28-00N 42-11-00W	9000.1	180.0	0.0	0.0	301.3	0.2	0.009 1.774
ZYJ802-O	25-45-00N 49-23-00W	8860.2	180.0	0.0	0.0	301.3	0.2	0.010 1.250
SFELIXX-P	5-21-00N 51-59-00W	7094.0	180.0	0.0	0.0	301.3	0.2	0.014 2.000
ZYH900-O	5-29-00N 43-42-00W	7807.5	180.0	0.0	0.0	301.3	0.2	0.012 1.308
SMIGUEL-P	24-39-00N 54-15-00W	8433.9	180.0	0.0	0.0	301.3	0.2	0.010 2.477
ZYL657-O	21-58-00N 47-54-00W	8673.6	180.0	0.0	0.0	301.3	0.2	0.010 1.876
SARANDI-P	24-09-00N 53-29-00W	8445.5	180.0	0.0	0.0	301.3	0.2	0.010 2.255
ZYJ225-O	23-41-00N 50-38-00W	8608.1	180.0	0.0	0.0	301.3	0.2	0.010 1.941
ZYJ301-O	23-27-00N 52-59-00W	8423.4	180.0	0.0	0.0	301.3	0.2	0.010 2.149
VALENCA-P	5-37-00N 41-47-00W	7983.5	180.0	0.0	0.0	301.3	0.2	0.011 1.691
ZYJ764-O	11-16-00N 60-02-00W	6921.4	180.0	0.0	0.0	301.3	0.2	0.015 4.447
BERMUDA-O	32-18-00N 64-47-00W	3796.7	80.3	0.0	0.0	301.3	0.8	0.050 1.250
CP 61-O	16-02-00N 67-07-00W	6844.8	180.0	0.0	0.0	301.3	0.3	0.015 3.875

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CP 199-O	18-25-00N 65-47-00W	7142.1	180.0	0.0	0.0	301.3	0.2	0.014 4.100
CP 140-O	16-14-00N 63-11-00W	7118.7	180.0	0.0	0.0	301.3	0.2	0.014 5.616
CP 126-O	15-38-00N 60-59-00W	7217.5	180.0	0.0	0.0	301.3	0.2	0.014 2.000
CD 145-O	36-20-00N 72-39-00W	8470.8	180.0	0.0	0.0	301.3	0.2	0.010 2.567
CC 145-O	34-55-00N 71-15-00W	8393.0	180.0	0.0	0.0	301.3	0.2	0.010 2.013
CD 145-O	40-42-00N 73-01-00W	8886.3	180.0	0.0	0.0	301.3	0.2	0.009 1.419
CB 145-O	32-57-00N 71-30-00W	8190.9	180.0	0.0	0.0	301.3	0.2	0.011 1.713
HJMX-O	9-38-00N 75-09-00W	4082.8	123.0	0.0	0.0	301.3	0.7	0.043 6.320
HJHH-O	7-05-00N 73-05-00W	4444.2	123.6	0.0	0.0	301.3	0.6	0.036 5.655
HJPM-O	11-10-00N 74-08-00W	4045.4	120.0	0.0	0.0	301.3	0.7	0.044 5.359
HJNE-O	5-04-00N 75-32-00W	4425.3	128.5	0.0	0.0	301.3	0.6	0.036 4.285
CMLN-O	20-45-00N 77-34-00W	3100.4	109.6	0.0	0.0	301.3	1.3	0.080 2.658
CMJN-O	20-01-00N 75-49-00W	3297.8	109.0	0.0	0.0	301.3	1.2	0.069 2.813
HIBO-O	18-26-00N 69-54-00W	3916.4	105.9	0.0	0.0	301.3	0.8	0.047 4.237
HIHG-O	18-26-00N 69-54-00W	3916.4	105.9	0.0	0.0	301.3	0.8	0.047 4.237
HIAC-O	19-23-00N 70-23-00W	3817.7	104.9	0.0	0.0	301.3	0.8	0.050 3.637
HCDR2-O	1-18-47N 79-56-20W	4701.1	180.0	0.0	0.0	301.3	0.5	0.032 4.248
HCHW2-O	0-57-00N 79-27-00W	4696.8	180.0	0.0	0.0	301.3	0.5	0.032 3.812
HC-O	0-21-00N 78-38-00W	4691.9	180.0	0.0	0.0	301.3	0.5	0.032 3.822
HCSE2-O	1-46-40N 80-52-00W	4690.2	180.0	0.0	0.0	301.3	0.5	0.032 4.427
TGLG-O	14-38-00N 90-29-00W	2582.1	139.9	0.0	0.0	301.3	2.1	0.125 3.895
HRXZ 3-O	14-07-00N 87-13-00W	2834.8	134.4	0.0	0.0	301.3	1.6	0.099 4.655
YNRR-O	11-26-00N 85-50-00W	3163.1	135.6	0.0	0.0	301.3	1.3	0.076 2.200
ZP29-O	21-44-52N 57-55-08W	7943.8	180.0	0.0	0.0	301.3	0.2	0.011 3.465
CW145-O	30-56-00N 57-50-00W	8733.0	180.0	0.0	0.0	301.3	0.2	0.010 2.000

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CX46-O	33-09-00N 56-22-00W	9011.0	180.0	0.0	0.0	301.3	0.2	0.009 1.500
CW145-O	30-29-00N 57-56-00W	8688.2	180.0	0.0	0.0	301.3	0.2	0.010 2.000
CHATEAU-O	13-17-00N 61-14-00W	5005.1	105.5	0.0	0.0	301.3	0.5	0.028 0.500
YVJJ-O	10-32-00N 66-56-00W	4688.1	113.5	0.0	0.0	301.3	0.5	0.032 6.819
YVZQ-O	10-47-00N 71-34-00W	4282.5	117.7	0.0	0.0	301.3	0.6	0.039 5.370
CKYR-O	52-52-51N 118-04-26W	2386.8	339.2	0.0	0.0	301.3	6.3	0.377 6.711
CKSP-O	49-37-33N 119-41-06W	2146.7	331.6	0.3	0.3	301.2	8.5	0.515 7.240
CFAB-O	44-59-43N 64-06-52W	3760.9	57.5	0.0	0.0	301.3	2.1	0.129 7.325
CHUC-O	43-57-20N 78-13-09W	2642.4	55.5	0.0	0.0	301.3	4.9	0.295 7.933
CBGA4-P	48-21-53N 67-14-17W	3587.2	50.8	0.0	0.0	301.3	2.4	0.143 7.019
GASPE-P	48-50-45N 64-29-45W	3795.6	50.7	0.0	0.0	301.3	2.1	0.126 7.523
CHEF-P	45-19-03N 72-41-43W	3103.9	54.9	0.0	0.0	301.3	3.3	0.201 8.641
CHRT-P	47-28-36N 69-16-14W	3416.6	51.8	0.0	0.0	301.3	2.7	0.160 7.770
XECB-O	32-37-39N 114-49-01W	856.9	267.2	10.7	10.7	294.1	80.1	4.710 8.143
XEDJ-O	30-38-22N 110-57-29W	582.3	240.5	16.9	16.9	283.5	113.5	6.438 8.148
LRG375-P	36-38-00N 64-36-00W	8869.4	180.0	0.0	0.0	301.3	0.2	0.010 2.009
ZYH809-O	27-18-00N 49-22-00W	8983.6	180.0	0.0	0.0	301.3	0.2	0.009 1.743
XESS-P	32-14-57N 116-56-49W	1060.8	266.5	7.8	7.8	297.4	58.2	3.462 8.432
XE-P	29-04-30N 110-57-40W	691.5	228.3	13.9	13.9	289.1	100.3	5.801 8.325
XEDJ1-P	30-38-22N 110-57-29W	582.3	240.5	16.9	16.9	283.5	113.5	6.438 8.148
KLAM-L	60-32-20N 145-45-35W	4174.5	328.6	0.0	0.0	301.3	1.1	0.066 0.625
WCPR-L	18-05-29N 66-22-15W	4253.4	103.5	0.0	0.0	301.3	3.8	0.231 0.904
CFHC-P	51-04-44N 115-19-31W	2122.3	341.1	0.4	0.4	301.2	8.8	0.531 7.045
CFVM1-P	48-21-53N 67-14-17W	3587.2	50.8	0.0	0.0	301.3	2.4	0.143 7.019
XEJD-O	20-33-38N 97-26-23W	1636.5	148.1	3.0	3.0	300.7	19.9	1.200 8.122

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XEPY-O	20-58-30N 89-37-20W	2094.6	126.8	0.5	0.5	301.2	9.1	0.550 5.930
CFHC-O	51-04-44N 115-19-31W	2122.3	341.1	0.4	0.4	301.2	8.8	0.531 7.045
CHEF-O	45-19-03N 72-41-43W	3103.9	54.9	0.0	0.0	301.3	3.3	0.201 8.641
CHRT-O	47-28-36N 69-16-14W	3416.6	51.8	0.0	0.0	301.3	2.7	0.160 7.770