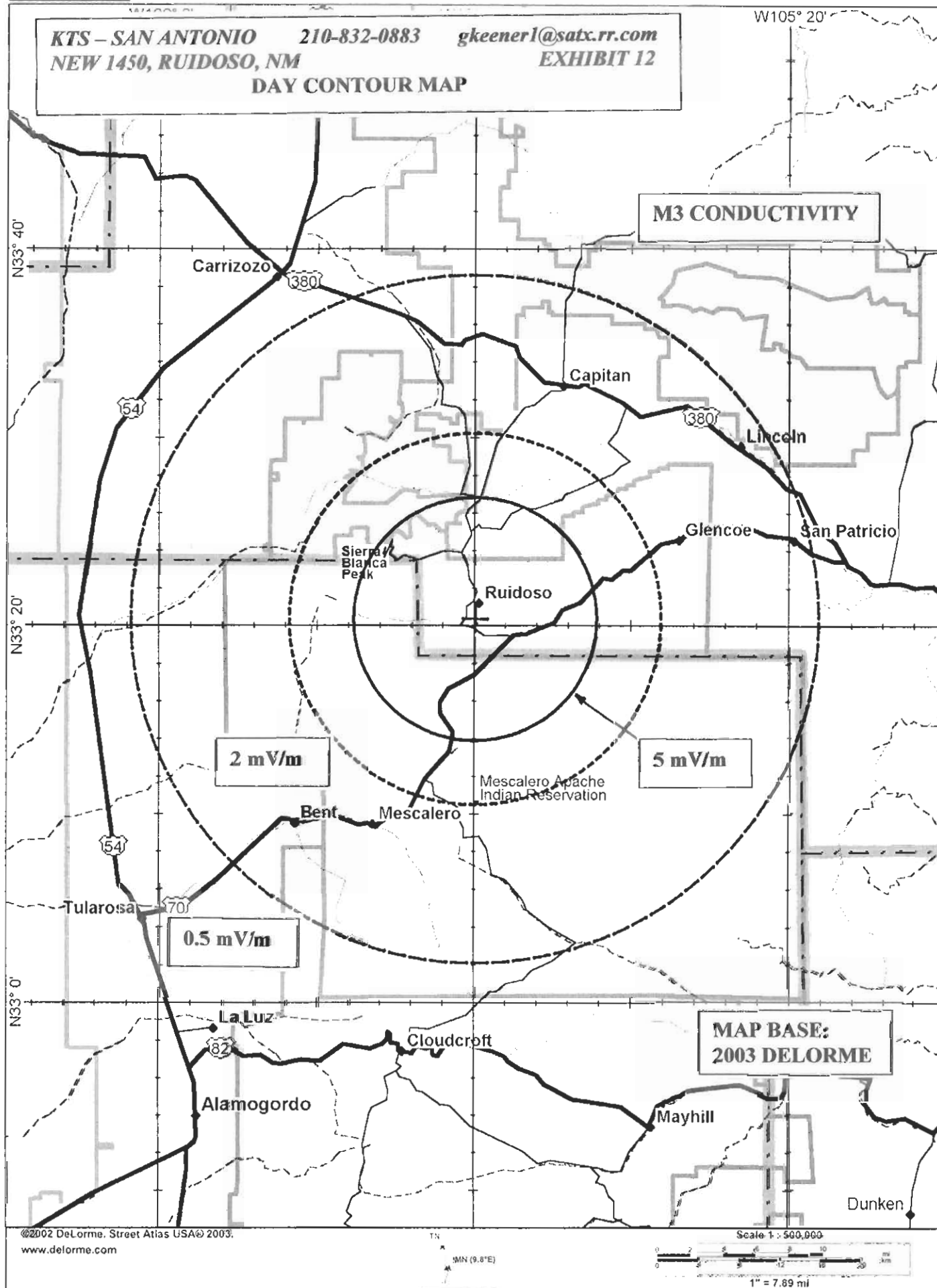
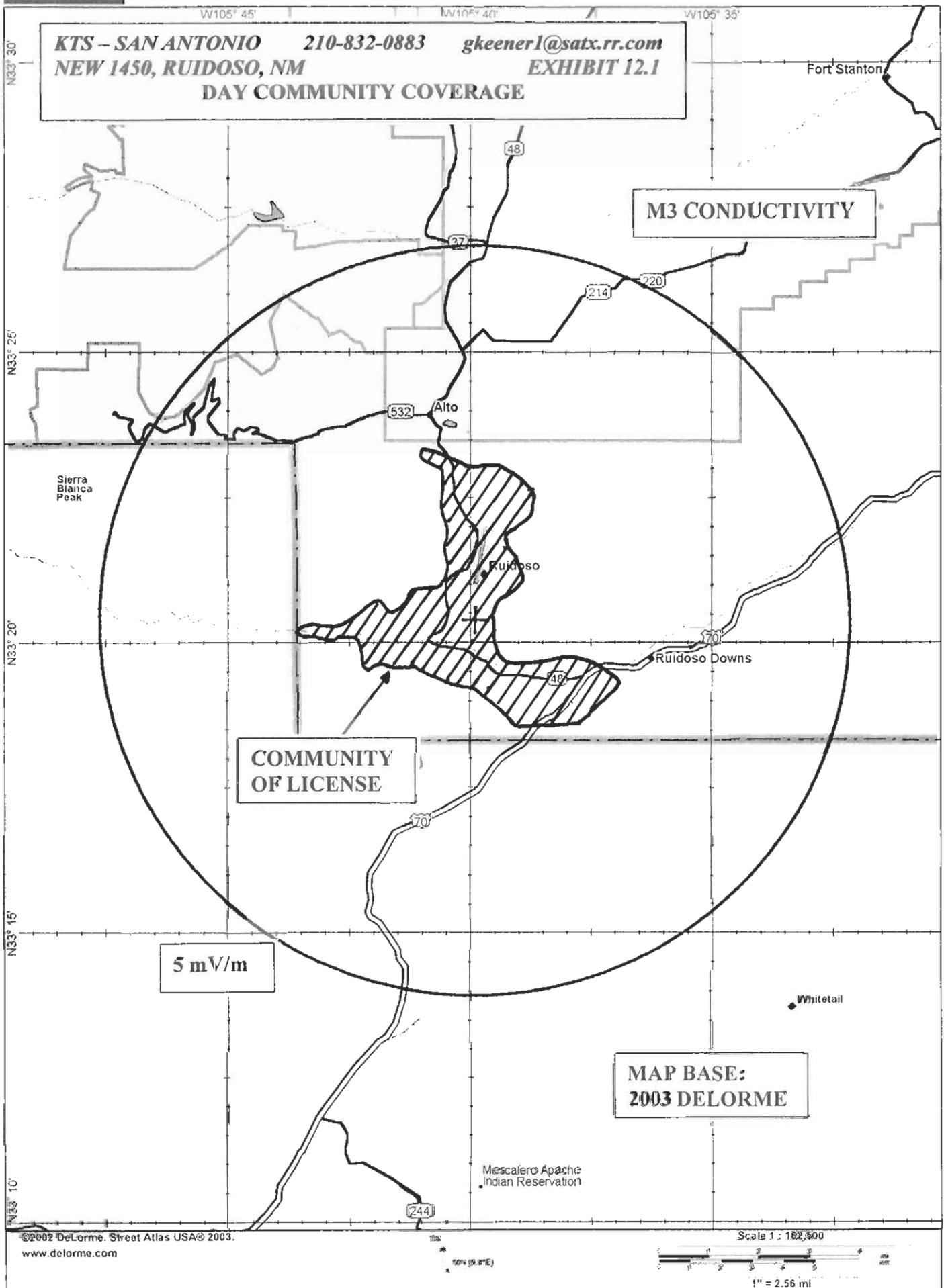


KTS - SAN ANTONIO 210-832-0883 gkeener1@satx.rr.com
NEW 1450, RUIDOSO, NM EXHIBIT 12
DAY CONTOUR MAP





KTS – SAN ANTONIO 210-832-0883 gkeener1@satx.rr.com
NEW 1450, RUIDOSO, NM EXHIBIT 12.2
NIGHT COMMUNITY COVERAGE

M3 CONDUCTIVITY

**NIGHTTIME
INTERFERENCE-
FREE CONTOUR**

25.09 mV/m

**COMMUNITY
OF LICENSE**

**MAP BASE:
2003 DELORME**

KTS – SAN ANTONIO 210-832-0883 gkeener1@satx.rr.com
NEW 1450, RUIDOSO, NM EXHIBIT 12.3
NIGHT LIMITS STUDY

Nighttime Skywave Limits Study
 NEW 1450 kHz 33-20-23 N 105-39-54 W
 Class:C RUIDOSO, NM, US

KRZY	L(AUU)	1450 US NM ALBUQUERQUE	13.376	218 km	BL-19941007AB
KOBE	L()	1450 US NM LAS CRUCES	12.679	157 km	BL-
KSEL	L()	1450 US NM PORTALES	12.299	237 km	BL-20020830AFA
NEW	A()	1450 US TX KERMIT	11.764	291 km	BNP-20040129AAW
KLMX	L()	1450 US NM CLAYTON	9.488	412 km	BL-
XEARE	O(O)	1450 MX CH OJINAGA	9.242	438 km	-
KVSL	L()	1450 US AZ SHOW LOW	8.659	413 km	BL-20001005AGY
KDAP	L()	1450 US AZ DOUGLAS	8.295	427 km	BL-19821213AC
KSNY	L()	1450 US TX SNYDER	8.288	445 km	BL-
KGIW	L()	1450 US CO ALAMOSA	7.697	460 km	BL-
KWFM	L()	1450 US AZ TUCSON	6.857	510 km	BL-
NEW	A()	1450 US NM CARLSBAD	6.847	170 km	BNP-20040128AGI
XE0053	P(A)	1450 MX CH CD.DELICIAS	6.121	570 km	-
KWHW	A()	1450 US OK ALTUS	5.937	601 km	BP-20040604AAE
KAVP	L()	1450 US CO COLONA	5.589	590 km	BL-20001220ADR
NEW	A()	1450 US TX MONAHANS	5.351	325 km	BNP-20040129AAP
KWHW	L()	1450 US OK ALTUS	5.224	601 km	BL-
KSIW	L()	1450 US OK WOODWARD	5.179	666 km	BL-
KMBL	L()	1450 US TX JUNCTION	5.082	641 km	BL-
KNOT	L()	1450 US AZ PRESCOTT	5.001	640 km	BL-19840326AF
KGRE	L(A)	1450 US CO GREELEY	4.599	794 km	BL-
XEPE	O(O)	1450 MX SO EMPALME	4.383	783 km	-
XEBP	O(O)	1450 MX DU GOMEZ PALACIO	4.355	890 km	-
KBEN	L()	1450 US TX CARRIZO SPRINGS	4.242	770 km	BL-
NEW	A()	1450 US NM FLORA VISTA	4.012	445 km	BNP-20040130ACZ
NEW	A()	1450 US TX FORT STOCKTON	3.930	368 km	BNP-20040126AAM
XEGU	O(A)	1450 MX SI EL FUERTE	3.925	821 km	-
XECB	O(O)	1450 MX SO SAN LUIS RIO COL	3.860	857 km	-
KCYL	L(UUU)	1450 US TX LAMPASAS	3.842	750 km	BL-19970123AB
KGFF	L()	1450 US OK SHAWNEE	3.641	835 km	BL-
RSS Protection Limits with Exclusion					
KRZY	L(AUU)	1450 US NM ALBUQUERQUE	LIM: 13.376	RSS: 13.38	218 km
KOBE	L()	1450 US NM LAS CRUCES	LIM: 12.679	RSS: 18.43	157 km
KSEL	L()	1450 US NM PORTALES	LIM: 12.299	RSS: 22.16	237 km
NEW	A()	1450 US TX KERMIT	LIM: 11.764	RSS: 25.09	291 km
50% Exclusion RSS 25.09 mV/m ←					
KLMX	L()	1450 US NM CLAYTON	LIM: 9.488	RSS: 26.82	412 km
XEARE	O(O)	1450 MX CH OJINAGA	LIM: 9.242	RSS: 28.37	438 km
KVSL	L()	1450 US AZ SHOW LOW	LIM: 8.659	RSS: 29.66	413 km
KDAP	L()	1450 US AZ DOUGLAS	LIM: 8.295	RSS: 30.80	427 km
KSNY	L()	1450 US TX SNYDER	LIM: 8.288	RSS: 31.89	445 km
25% Exclusion RSS 31.89 mV/m Requires Protection of 7.974 mV/m					
KGIW	L()	1450 US CO ALAMOSA	LIC. NEXT 7.697	460 km	