

Exhibit 15-1
Limits to Proposed Nighttime Operation
(Limits Above 5,000 mV/m Removed)

City: KENDALELAKES

,FL

Call: WRHC

1992 Allocation Rules

Transmitter site coordinates: N 25 41 58 W 80 28 33

Frequency: 1560 kHz

Point	Distance (km)	Bearing (degs)	Theta Min. (degs)	Theta Max. (degs)	RSS Limit (mV/m)	Reqd. Prot. (mV/m)	Skywv. Mult. (uV/m)	Allowed Radiation (mV/m @ 1 km)
BUNNELL*	428.9	349.6	17.6	28.2	24.17	60.42	149.16	2025.2
BUNNELL*	425.7	349.6	17.7	28.3	24.07	60.18	150.43	2000.3
WTHB *	878.6	351.1	7.3	13.2	19.02	47.56	56.88	4180.4
TIFQ	1808.2	197.7	2.0	2.0	4.34	2.17	5.72	1896.0
HIPZ	1240.2	131.7	6.0	6.0	3.41	1.71	17.07	499.9
XE	2625.8	282.6	.0	.0	9.75	4.87	4.98	4893.1
XEJPV1	2599.5	290.7	.0	.0	9.34	4.67	5.11	4571.0
XESE	1265.4	238.2	5.8	5.8	9.07	4.54	41.00	553.3
XECHZ	1637.2	234.8	3.0	3.0	10.26	4.65	19.91	1168.4
XEFAJ	2040.4	254.0	.8	.8	5.62	2.65	9.84	1345.6
XEMAS	2193.2	259.3	.0	.0	4.35	2.09	8.06	1299.9
XEMAS	2193.2	259.2	.0	.0	4.32	2.09	8.06	1297.8
XELAC	2393.8	253.5	.0	.0	4.27	1.95	6.44	1512.4
XELAC1	2393.8	253.5	.0	.0	4.27	1.95	6.44	1512.4
XERIO	2491.3	263.0	.0	.0	10.63	5.32	5.74	4630.1
XEDD	1941.6	272.5	1.3	1.3	9.72	4.86	11.44	2123.4
XEZW	2040.8	264.0	.8	.8	5.18	2.59	9.83	1316.7
XENVA2	1734.0	274.0	2.4	2.4	7.40	3.70	16.42	1126.5
XE	1822.9	258.3	1.9	1.9	6.99	3.50	14.01	1247.5
XEPRO	1055.8	244.3	7.9	7.9	7.77	3.89	58.64	331.4
YNACW	1631.3	203.1	3.0	3.0	8.01	4.00	8.03	2494.0
SOUFRIE	2416.5	119.4	.0	.0	1.89	.95	2.50	1892.7
KNZR	3819.6	295.6	.0	.0	2.29	.57	4.08	702.8
GREENVI	912.2	334.3	6.9	12.6	14.73	3.68	53.90	341.6
WPAD	1477.7	330.6	2.2	5.8	8.18	2.05	24.51	417.2
RICHWOO	1363.2	306.7	3.0	6.9	12.40	3.10	28.95	535.2
ARNOLD	2543.5	339.2	.0	.0	14.90	3.73	7.52	2475.7
KOCY	1951.3	307.8	.0	2.6	8.77	2.19	15.32	715.7
WRSJ	1685.4	115.9	1.1	4.3	10.11	2.48	24.71	502.5
WRSJ	1685.1	116.1	1.1	4.3	10.10	2.49	24.73	504.3
KKAA	2717.1	328.4	.0	.0	5.12	1.28	6.76	947.6
ODESSA	2235.1	292.7	.0	1.1	21.03	5.26	12.51	2101.7
KTXX	1761.4	291.0	.7	3.7	18.04	4.51	19.57	1152.2
WOLFFOR	2250.0	297.5	.0	1.0	20.35	5.09	12.08	2105.7
WGLB	2043.5	342.2	.0	2.1	7.89	1.97	12.61	782.3

Hatfield & Dawson Consulting Engineers

Point	Distance (km)	Bearing (degs)	Theta Min. (degs)	Theta Max. (degs)	RSS Limit (mV/m)	Reqd. Prot. (mV/m)	Skywv. Mult. (uV/m)	Allowed Radiation (mV/m @ 1 km)
PLOVER	2237.4	340.9	.0	1.0	13.84	3.46	10.28	1682.5
SUPERIO	2541.9	339.2	.0	.0	14.92	3.73	7.54	2474.5
MILLS	3021.1	315.6	.0	.0	7.53	1.88	5.74	1638.8
WVOJ *	514.3	345.8	14.5	23.8	28.79	71.96	119.66	3006.9
WVOJ *	506.3	345.7	14.7	24.1	28.85	72.12	122.07	2954.3
WQEW	897.1	24.2	7.1	12.9	1.19	.50	55.20	45.3
WQEW	881.4	22.4	7.3	13.2	.98	.50	56.65	44.1
WQEW	869.5	20.4	7.4	13.4	.77	.50	57.80	43.3
WQEW	861.2	18.3	7.5	13.6	.59	.50	58.62	42.7
WQEW	856.5	16.1	7.6	13.7	.44	.50	59.08	42.3
WQEW	855.5	14.0	7.6	13.7	.36	.50	59.17	42.3
WQEW	858.3	11.8	7.6	13.6	.42	.50	58.88	42.5
WQEW	864.7	9.7	7.5	13.5	.46	.50	58.22	42.9
WQEW	874.8	7.6	7.4	13.3	.48	.50	57.23	43.7
WQEW	888.2	5.7	7.2	13.1	.47	.50	55.94	44.7
WQEW	904.8	3.9	7.0	12.8	.44	.50	54.40	46.0
WQEW	924.3	2.3	6.8	12.4	.41	.50	52.67	47.5
WQEW	946.5	.9	6.5	12.0	.37	.50	50.80	49.2
WQEW	971.1	359.6	6.2	11.6	.33	.50	48.83	51.2
WQEW	997.7	358.5	6.0	11.2	.29	.50	46.82	53.4
WQEW	1026.3	357.6	5.7	10.8	.26	.50	44.78	55.8
WQEW	1056.6	356.8	5.4	10.4	.23	.50	42.76	58.5
WQEW	1088.1	356.3	5.1	9.9	.21	.50	40.79	61.3
WQEW	1120.6	355.9	4.8	9.5	.20	.50	38.88	64.3
WQEW	1153.9	355.7	4.5	9.1	.19	.50	37.05	67.5
WQEW	1187.7	355.6	4.2	8.7	.18	.50	35.31	70.8
WQEW	1221.9	355.6	4.0	8.3	.17	.50	33.66	74.3
WQEW	1256.1	355.8	3.7	7.9	.17	.50	32.10	77.9
WQEW	1290.4	356.1	3.5	7.6	.17	.50	30.64	81.6
WQEW	1324.6	356.5	3.2	7.2	.17	.50	29.27	85.4
WQEW	1358.4	357.1	3.0	6.9	.17	.50	27.98	89.3
WQEW	1391.8	357.7	2.8	6.6	.17	.50	26.78	93.3
WQEW	1424.8	358.4	2.6	6.3	.18	.50	25.66	97.4
WQEW	1458.0	359.4	2.4	6.0	.19	.50	24.59	101.7
WQEW	1298.1	358.9	3.4	7.5	.22	.50	30.31	82.5
WQEW	1309.1	357.6	3.3	7.4	.19	.50	29.87	83.7
WQEW	1322.4	356.3	3.2	7.3	.16	.50	29.35	85.2
WQEW	1338.1	355.1	3.1	7.1	.14	.50	28.75	86.9
WQEW	1356.1	354.0	3.0	6.9	.13	.50	28.09	89.0
WQEW	1376.3	352.9	2.9	6.7	.14	.50	27.37	91.3
WQEW	1398.5	352.0	2.7	6.5	.15	.50	26.60	94.0
WQEW	1422.6	351.1	2.6	6.3	.17	.50	25.80	96.9
WQEW	1448.4	350.3	2.4	6.1	.18	.50	24.97	100.1
WQEW	1475.7	349.6	2.2	5.9	.19	.50	24.14	103.6
WQEW	1504.4	349.0	2.1	5.6	.20	.50	23.30	107.3
WQEW	1534.1	348.5	1.9	5.4	.21	.50	22.47	111.3
WQEW	1564.7	348.2	1.7	5.2	.21	.50	21.65	115.5
WQEW	1596.0	347.9	1.6	4.9	.21	.50	20.85	119.9
WQEW	1627.7	347.7	1.4	4.7	.21	.50	20.07	124.6
WQEW	1659.8	347.6	1.2	4.4	.20	.50	19.32	129.4

Exhibit 15-2 Site to Site RSS Calculations

Point: CMIR Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRHC-P	464.3	157.4	21.4	230.6	51.913	2.3941	2.3941
WQEW	2148.1	193.7	.3	2526.5	3.396	1.7162	2.9457
TIFQ	1484.1	28.0	4.0	688.9	10.819	1.4906	3.3014
HIPZ	846.2	301.1	10.8	150.6	32.442	.9770	
SANTIAG	886.6	288.8	10.2	151.1	30.514	.9223	
XEPRO	1129.2	85.0	7.1	212.5	20.694	.8793	

* - indicates an adjacent channel station.

Point: CMJM Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRHC-P	792.7	141.9	11.8	258.1	34.739	1.7930	1.7930
HIPZ	480.9	297.9	20.6	140.6	50.851	1.4294	2.2931
TIFQ	1509.0	42.2	3.8	689.0	10.315	1.4216	2.6980
SANTIAG	546.1	277.5	18.1	143.6	46.995	1.3496	3.0167
WQEW	2308.3	185.0	.0	2289.0	2.771	1.2688	
WRSJ	1031.8	281.6	8.2	259.3	24.251	1.2575	
HJPZ	1135.5	346.5	7.0	305.3	20.453	1.2489	

* - indicates an adjacent channel station.

Point: XEPRO Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
XESE	242.9	26.8	37.7	147.0	199.575	5.8695	5.8695
TIFQ	1320.4	340.6	5.3	687.5	37.068	5.0969	7.7736
RICHWOO	1274.4	168.3	5.7	481.7	40.340	3.8864	
YNACW	1082.8	341.3	7.6	305.2	56.320	3.4380	
WRHC-P	1055.8	244.3	7.9	277.7	58.641	3.2572	

* - indicates an adjacent channel station.

Point: GREENVI Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WQEW	1283.7	231.7	3.5	2591.1	27.007	13.9954	13.9954
WPAD	570.3	140.5	12.9	228.0	100.814	4.5964	14.7309
WTHB *	263.6	259.3	28.0	562.3	241.034	2.7108	
XERF *	1603.3	71.1	1.5	6230.7	21.566	2.6875	
WRHC-P	912.2	334.3	6.9	189.4	53.904	2.0421	

* - indicates an adjacent channel station.

Point: WRSJ Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
GRAND T*	626.9	122.5	11.5	2953.5	106.341	6.2816	6.2816
SANTIAG	487.0	103.1	15.4	146.7	145.774	4.2767	7.5993
HIPZ	594.1	85.2	12.3	149.4	116.175	3.4708	8.3544
HJGP	1935.2	33.8	.0	692.0	24.377	3.3737	9.0098
HJPZ	1201.5	39.0	4.1	307.9	47.746	2.9405	9.4775
WQEW	2590.3	161.0	.0	1371.9	9.146	2.5095	9.8041
TIFQ	2274.1	64.0	.0	692.0	17.943	2.4833	10.1137
HJHE	1485.1	28.2	2.2	308.7	35.837	2.2129	
HJXZ	1690.6	36.4	1.1	309.1	29.561	1.8277	
WRHC-P	1685.4	115.9	4.3	352.0	24.708	1.7395	

* - indicates an adjacent channel station.

Point: WRSJ Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
GRAND T*	627.0	123.1	11.5	2915.5	106.364	6.2022	6.2022
SANTIAG	484.8	103.9	15.4	146.6	146.584	4.2979	7.5458
HIPZ	590.0	85.7	12.4	149.3	117.201	3.4995	8.3178
HJGP	1928.3	33.8	.0	692.0	24.521	3.3937	8.9834
HJPZ	1194.6	39.1	4.2	307.9	48.154	2.9654	9.4602
WQEW	2594.8	161.1	.0	1376.9	9.122	2.5119	9.7880
TIFQ	2268.4	64.1	.0	692.0	18.025	2.4946	10.1009
HJHE	1478.2	28.2	2.2	308.7	36.096	2.2288	
HJXZ	1683.7	36.4	1.1	309.1	29.756	1.8396	
WRHC-P	1685.1	116.1	4.3	340.7	24.732	1.6852	

* - indicates an adjacent channel station.

Point: CMIR 0 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	321.0	114.4	30.1	192.4	65.884	2.5355	2.5355
WRHC-P	464.3	157.4	21.4	230.6	51.913	2.3941	3.4872
CMJM	366.9	303.9	26.7	149.5	60.346	1.8044	3.9264
WQEW	2148.1	193.7	.3	2526.5	3.396	1.7162	
TIFQ	1484.1	28.0	4.0	688.9	10.819	1.4906	
HIPZ	846.2	301.1	10.8	150.6	32.442	.9770	

Point: CMIR 1 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	312.6	110.9	30.8	188.2	67.035	2.5230	2.5230
WRHC-P	444.9	156.4	22.3	230.1	53.263	2.4508	3.5174
CMJM	378.7	306.6	26.0	152.8	59.160	1.8077	3.9547
WQEW	2127.5	193.8	.3	2528.5	3.486	1.7630	
TIFQ	1502.4	27.6	3.9	689.0	10.448	1.4397	
HIPZ	856.4	302.3	10.7	150.7	31.966	.9635	

Point: CMIR 2 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	319.7	110.6	30.2	191.8	66.061	2.5338	2.5338
WRHC-P	448.9	155.6	22.1	231.8	52.936	2.4540	3.5273
CMJM	372.2	307.1	26.4	151.0	59.817	1.8062	3.9629
WQEW	2127.4	193.6	.3	2523.7	3.487	1.7600	
TIFQ	1504.8	27.8	3.9	689.0	10.399	1.4330	
HIPZ	849.6	302.5	10.8	150.6	32.302	.9731	

Point: CMIR 3 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	326.9	110.8	29.6	195.2	65.093	2.5419	2.5419
WRHC-P	454.8	155.1	21.8	233.4	52.532	2.4520	3.5318
CMJM	364.9	307.2	26.9	148.9	60.549	1.8035	3.9656
WQEW	2129.8	193.4	.3	2519.3	3.476	1.7516	
TIFQ	1504.8	28.1	3.9	689.0	10.399	1.4331	
HIPZ	842.3	302.5	10.9	150.5	32.601	.9814	

Point: CMIR 4 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	333.4	111.4	29.1	198.3	64.237	2.5471	2.5471
WRHC-P	461.8	154.8	21.5	234.7	52.075	2.4444	3.5303
CMJM	357.8	306.9	27.4	146.9	61.275	1.7999	3.9627
WQEW	2134.4	193.2	.3	2515.7	3.456	1.7390	
TIFQ	1502.3	28.4	3.9	689.0	10.449	1.4399	
HIPZ	835.4	302.3	11.0	150.4	32.886	.9893	

Point: CMIR 5 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	338.3	112.3	28.8	200.5	63.589	2.5501	2.5501
WRHC-P	469.1	154.9	21.2	235.6	51.607	2.4315	3.5235
CMJM	351.8	306.2	27.8	145.1	61.895	1.7959	3.9547
WQEW	2140.6	193.1	.3	2513.4	3.429	1.7237	
TIFQ	1497.7	28.6	3.9	689.0	10.542	1.4527	
HIPZ	829.9	302.0	11.1	150.3	33.118	.9958	

Point: CMIR 6 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	300.9	115.4	31.8	182.0	68.666	2.4999	2.4999
WRHC-P	453.6	159.7	21.9	224.7	52.611	2.3641	3.4407
CMJM	386.3	302.7	25.5	154.8	58.407	1.8084	3.8870
WQEW	2148.6	194.2	.2	2539.9	3.394	1.7243	
TIFQ	1477.2	27.2	4.1	688.9	10.964	1.5105	
HIPZ	866.1	300.7	10.5	150.8	31.495	.9502	

Point: CMIR 7 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	300.1	114.1	31.9	181.6	68.773	2.4982	2.4982
WRHC-P	448.0	159.1	22.1	225.5	53.011	2.3904	3.4576
CMJM	387.9	303.8	25.4	155.2	58.254	1.8084	3.9020
WQEW	2141.4	194.2	.3	2539.0	3.425	1.7395	
TIFQ	1484.3	27.2	4.0	688.9	10.814	1.4900	
HIPZ	867.2	301.1	10.5	150.9	31.441	.9487	

Point: CMIR 8 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	302.1	112.7	31.7	182.7	68.496	2.5026	2.5026
WRHC-P	444.4	158.3	22.3	226.7	53.304	2.4173	3.4795
CMJM	387.0	304.8	25.5	155.0	58.340	1.8084	3.9214
WQEW	2135.0	194.1	.3	2536.6	3.453	1.7520	
TIFQ	1491.5	27.2	4.0	689.0	10.667	1.4698	
HIPZ	865.8	301.6	10.5	150.8	31.510	.9506	

Point: CMIR 9 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMDR	306.4	111.6	31.3	185.0	67.888	2.5118	2.5118
WRHC-P	443.3	157.3	22.4	228.3	53.393	2.4383	3.5006
CMJM	383.9	305.8	25.7	154.2	58.650	1.8083	3.9401
WQEW	2130.2	194.0	.3	2533.0	3.475	1.7602	
TIFQ	1497.8	27.4	3.9	689.0	10.540	1.4524	
HIPZ	862.1	302.0	10.6	150.8	31.690	.9557	

Point: CMDR 0 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	321.0	295.5	30.1	192.4	65.884	2.5355	2.5355
WQEW	2091.0	202.4	.5	2694.6	3.654	1.9695	3.2105
CMJM	686.5	300.5	14.0	196.7	40.167	1.5804	
TIFQ	1493.7	15.5	3.9	689.0	10.623	1.4637	
XEPRO	853.7	75.3	10.7	209.5	32.101	1.3454	

Point: CMDR 1 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	325.7	297.2	29.7	194.7	65.254	2.5407	2.5407
WQEW	2080.6	202.5	.6	2695.7	3.707	1.9986	3.2326
CMJM	691.8	301.3	13.9	197.1	39.919	1.5733	
TIFQ	1504.2	15.4	3.9	689.0	10.411	1.4346	
XEPRO	856.0	74.6	10.7	209.6	31.989	1.3409	

Point: CMDR 2 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	322.1	297.4	30.0	192.9	65.744	2.5368	2.5368
WQEW	2080.0	202.4	.6	2694.1	3.710	1.9990	3.2298
CMJM	688.2	301.4	14.0	196.8	40.088	1.5782	
TIFQ	1504.7	15.5	3.9	689.0	10.402	1.4334	
XEPRO	859.5	74.7	10.6	209.7	31.815	1.3341	

Point: CMDR 3 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	318.2	297.4	30.3	191.0	66.261	2.5317	2.5317
WQEW	2080.8	202.3	.6	2692.5	3.706	1.9957	3.2237
CMJM	684.4	301.4	14.1	196.6	40.268	1.5833	
TIFQ	1503.8	15.7	3.9	689.0	10.419	1.4358	
XEPRO	862.3	74.9	10.6	209.7	31.676	1.3286	

Point: CMDR 4 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	314.8	297.1	30.6	189.3	66.737	2.5266	2.5266
WQEW	2082.9	202.2	.6	2691.2	3.696	1.9892	3.2156
CMJM	680.8	301.2	14.2	196.4	40.437	1.5881	
TIFQ	1501.7	15.8	3.9	689.0	10.461	1.4416	
XEPRO	864.1	75.1	10.5	209.7	31.589	1.3251	

Point: CMDR 5 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	312.0	296.6	30.8	187.9	67.112	2.5221	2.5221
WQEW	2085.9	202.1	.5	2690.3	3.681	1.9804	3.2067
CMJM	677.9	301.0	14.2	196.2	40.574	1.5920	
TIFQ	1498.7	15.9	3.9	689.0	10.522	1.4499	
XEPRO	864.7	75.3	10.5	209.8	31.562	1.3241	

Point: CMDR 6 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	310.4	296.0	31.0	187.1	67.337	2.5192	2.5192
WQEW	2089.5	202.1	.5	2689.9	3.662	1.9703	3.1982
CMJM	676.1	300.7	14.3	196.1	40.662	1.5945	
TIFQ	1495.0	15.9	3.9	689.0	10.596	1.4601	
XEPRO	863.9	75.6	10.6	209.7	31.599	1.3255	

Point: CMDR 7 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	331.7	295.0	29.3	197.5	64.460	2.5459	2.5459
WQEW	2092.6	202.7	.5	2699.2	3.646	1.9685	3.2182
CMJM	697.0	300.2	13.8	197.4	39.678	1.5664	
TIFQ	1492.5	15.1	3.9	689.0	10.647	1.4671	
XEPRO	843.5	75.0	10.9	209.4	32.552	1.3630	

Point: CMDR 8 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	332.0	295.6	29.2	197.6	64.424	2.5461	2.5461
WQEW	2088.8	202.7	.5	2699.0	3.666	1.9787	3.2246
CMJM	697.5	300.5	13.8	197.4	39.653	1.5656	
TIFQ	1496.3	15.1	3.9	689.0	10.570	1.4565	
XEPRO	845.5	74.8	10.9	209.4	32.469	1.3597	

Point: CMDR 9 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (deg.)	Theta (deg.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	331.0	296.3	29.3	197.2	64.554	2.5454	2.5454
WQEW	2085.3	202.6	.5	2698.3	3.683	1.9878	3.2296
CMJM	696.8	300.8	13.8	197.4	39.687	1.5667	
TIFQ	1499.8	15.1	3.9	689.0	10.500	1.4468	
XEPRO	848.5	74.7	10.8	209.4	32.345	1.3549	

Point: CMDR 10 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	328.8	296.8	29.5	196.1	64.842	2.5436	2.5436
WQEW	2082.4	202.6	.6	2697.2	3.698	1.9948	3.2325
CMJM	694.8	301.1	13.8	197.3	39.780	1.5693	
TIFQ	1502.6	15.2	3.9	689.0	10.444	1.4392	
XEPRO	852.2	74.6	10.7	209.5	32.177	1.3483	

Point: CMJM 0 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	366.9	122.9	26.7	212.6	60.346	2.5660	2.5660
CMDR	686.5	118.3	14.0	278.7	40.167	2.2388	3.4054
WRHC-P	792.7	141.9	11.8	258.1	34.739	1.7930	3.8486
HIPZ	480.9	297.9	20.6	140.6	50.851	1.4294	
TIFQ	1509.0	42.2	3.8	689.0	10.315	1.4216	
SANTIAG	546.1	277.5	18.1	143.6	46.995	1.3496	

Point: CMJM 1 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	360.6	121.3	27.2	210.1	60.987	2.5623	2.5623
CMDR	680.8	117.5	14.2	278.2	40.440	2.2498	3.4099
WRHC-P	783.5	141.4	12.0	255.4	35.177	1.7967	3.8543
HIPZ	486.2	299.2	20.4	140.9	50.520	1.4233	
TIFQ	1517.2	41.8	3.8	689.1	10.155	1.3996	
SANTIAG	547.3	278.7	18.1	143.6	46.923	1.3480	

Point: CMJM 2 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMIR	364.3	121.1	26.9	211.6	60.609	2.5647	2.5647
CMDR	684.5	117.4	14.1	278.5	40.261	2.2426	3.4069
WRHC-P	786.4	141.2	11.9	254.6	35.038	1.7844	3.8459
HIPZ	482.4	299.3	20.6	140.6	50.759	1.4278	
TIFQ	1519.5	42.0	3.8	689.1	10.111	1.3935	
SANTIAG	543.3	278.7	18.2	143.5	47.148	1.3530	

Point: CMJM 3 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	368.3	121.1	26.6	213.2	60.204	2.5667	2.5667
CMDR	688.5	117.4	14.0	278.9	40.073	2.2349	3.4034
WRHC-P	790.0	141.1	11.8	254.3	34.864	1.7735	3.8377
HIPZ	478.4	299.3	20.7	140.4	51.012	1.4324	
TIFQ	1520.5	42.1	3.8	689.1	10.092	1.3909	
SANTIAG	539.7	278.5	18.3	143.3	47.356	1.3576	

Point: CMJM 4 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	356.4	123.6	27.4	208.3	61.419	2.5592	2.5592
CMDR	675.8	118.7	14.3	277.7	40.678	2.2594	3.4138
WRHC-P	784.4	142.5	12.0	259.7	35.132	1.8246	3.8709
TIFQ	1502.6	41.8	3.9	689.0	10.444	1.4393	
HIPZ	492.0	297.6	20.2	141.2	50.158	1.4165	
SANTIAG	557.5	277.6	17.7	144.0	46.402	1.3367	

Point: CMJM 5 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	355.5	123.0	27.5	207.9	61.520	2.5584	2.5584
CMDR	675.0	118.3	14.3	277.6	40.713	2.2608	3.4142
WRHC-P	782.2	142.2	12.0	258.7	35.238	1.8232	3.8705
TIFQ	1506.2	41.7	3.9	689.0	10.372	1.4294	
HIPZ	492.4	298.0	20.1	141.2	50.131	1.4160	
SANTIAG	556.6	278.0	17.7	144.0	46.450	1.3378	

Point: CMJM 6 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	355.9	122.4	27.5	208.1	61.476	2.5588	2.5588
CMDR	675.7	118.0	14.3	277.7	40.681	2.2595	3.4136
WRHC-P	781.2	141.9	12.0	257.6	35.285	1.8176	3.8674
TIFQ	1510.2	41.7	3.8	689.1	10.294	1.4186	
HIPZ	491.5	298.5	20.2	141.2	50.187	1.4171	
SANTIAG	554.4	278.3	17.8	143.9	46.558	1.3401	

Point: CMJM 7 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
CMIR	357.7	121.8	27.4	208.9	61.290	2.5602	2.5602
CMDR	677.7	117.7	14.3	277.9	40.587	2.2557	3.4122
WRHC-P	781.6	141.7	12.0	256.4	35.264	1.8084	3.8617
HIPZ	489.4	298.9	20.3	141.1	50.321	1.4196	
TIFQ	1514.0	41.8	3.8	689.1	10.218	1.4082	
SANTIAG	551.2	278.6	17.9	143.8	46.716	1.3435	

Point: HIPZ 0 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	594.1	266.9	16.5	247.9	44.637	2.2127	2.2127
CMIR	846.2	118.7	10.8	290.6	32.442	1.8854	2.9070
SANTIAG	196.5	216.9	43.8	99.6	93.597	1.8641	3.4533
HJPZ	897.4	10.4	10.0	301.9	30.010	1.8120	3.8998
CMJM	480.9	116.6	20.6	174.4	50.851	1.7738	
CMDR	1166.8	116.7	6.7	301.5	19.352	1.1669	
HJGP	1627.6	17.1	3.0	689.7	8.088	1.1156	

Point: HIPZ 1 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	593.5	267.8	16.5	247.8	44.668	2.2139	2.2139
CMIR	841.8	118.2	10.9	290.3	32.622	1.8940	2.9135
SANTIAG	189.8	218.4	44.8	97.5	96.704	1.8854	3.4703
HJPZ	905.7	10.3	9.9	302.1	29.622	1.7895	3.9046
CMJM	477.0	115.7	20.8	173.7	51.099	1.7755	
CMDR	1162.6	116.4	6.7	301.4	19.491	1.1749	
HJGP	1635.7	17.0	3.0	689.7	7.952	1.0969	

Point: HIPZ 2 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	602.6	266.9	16.3	248.3	44.231	2.1969	2.1969
CMIR	839.8	119.1	11.0	290.2	32.706	1.8980	2.9032
SANTIAG	202.8	218.6	42.9	101.5	91.164	1.8499	3.4425
HJPZ	894.4	9.9	10.1	301.8	30.149	1.8198	3.8939
CMJM	474.3	117.2	20.9	173.2	51.275	1.7766	
CMDR	1160.3	117.0	6.8	301.3	19.564	1.1791	
HJGP	1623.7	16.8	3.1	689.6	8.156	1.1249	

Point: HIPZ 3 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	602.4	267.1	16.3	248.3	44.243	2.1973	2.1973
CMIR	838.2	118.9	11.0	290.1	32.770	1.9011	2.9056
SANTIAG	200.5	219.1	43.2	100.8	91.893	1.8520	3.4456
HJPZ	897.3	9.9	10.0	301.9	30.013	1.8122	3.8931
CMJM	472.8	116.9	21.0	173.0	51.364	1.7772	
CMDR	1158.8	116.9	6.8	301.3	19.613	1.1819	
HJGP	1626.5	16.8	3.0	689.6	8.107	1.1183	

Point: HIPZ 4 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	601.1	267.4	16.3	248.3	44.304	2.1997	2.1997
CMIR	837.6	118.7	11.0	290.0	32.794	1.9023	2.9082
SANTIAG	197.7	219.4	43.6	99.9	93.079	1.8603	3.4523
HJPZ	900.2	9.9	10.0	302.0	29.879	1.8044	3.8954
CMJM	472.4	116.6	21.0	172.9	51.392	1.7773	
CMDR	1158.3	116.7	6.8	301.3	19.631	1.1830	
HJGP	1629.5	16.8	3.0	689.7	8.058	1.1114	

Point: HIPZ 5 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	599.1	267.6	16.4	248.1	44.405	2.2037	2.2037
CMIR	838.1	118.5	11.0	290.1	32.774	1.9013	2.9106
SANTIAG	194.7	219.4	44.1	99.0	94.418	1.8700	3.4595
HJPZ	902.8	10.0	9.9	302.0	29.759	1.7975	3.8986
CMJM	473.1	116.2	21.0	173.0	51.351	1.7771	
CMDR	1158.8	116.6	6.8	301.3	19.614	1.1820	
HJGP	1632.2	16.8	3.0	689.7	8.012	1.1051	

Point: HIPZ 6 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	596.4	267.7	16.5	248.0	44.530	2.2086	2.2086
CMIR	839.6	118.3	11.0	290.2	32.715	1.8985	2.9124
SANTIAG	192.0	219.0	44.5	98.2	95.684	1.8787	3.4657
HJPZ	904.7	10.2	9.9	302.0	29.670	1.7923	3.9017
CMJM	474.6	115.9	20.9	173.3	51.250	1.7764	
CMDR	1160.3	116.5	6.8	301.3	19.565	1.1792	
HJGP	1634.4	16.9	3.0	689.7	7.975	1.1000	

Point: SANT 0 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	487.0	284.6	20.4	240.4	50.469	2.4266	2.4266
HIPZ	196.5	36.6	43.8	99.6	93.597	1.8641	3.0599
CMIR	886.6	105.9	10.2	293.0	30.514	1.7882	3.5441
CMJM	546.1	95.7	18.1	183.5	46.995	1.7246	
HJPZ	1077.8	15.0	7.6	304.6	22.592	1.3763	
CMDR	1204.3	107.4	6.3	302.4	18.166	1.0986	

Point: SANT 1 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	489.0	285.5	20.3	240.6	50.344	2.4226	2.4226
HIPZ	203.4	35.1	42.8	101.6	90.979	1.8494	3.0478
CMIR	883.9	105.4	10.2	292.8	30.642	1.7947	3.5369
CMJM	545.0	94.9	18.1	183.4	47.053	1.7256	
HJPZ	1085.9	14.9	7.6	304.7	22.317	1.3600	
CMDR	1201.3	107.0	6.4	302.3	18.262	1.1041	

Point: SANT 2 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	494.8	284.2	20.0	241.2	49.981	2.4108	2.4108
HIPZ	190.4	34.8	44.7	97.7	96.406	1.8834	3.0593
CMIR	879.1	106.2	10.3	292.6	30.866	1.8061	3.5526
CMJM	538.0	96.0	18.4	182.5	47.452	1.7320	
HJPZ	1074.1	14.6	7.7	304.6	22.716	1.3837	
CMDR	1197.1	107.6	6.4	302.2	18.392	1.1116	

Point: SANT 3 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	495.5	284.5	20.0	241.2	49.940	2.4094	2.4094
HIPZ	192.9	34.3	44.4	98.4	95.279	1.8759	3.0536
CMIR	878.2	106.0	10.3	292.5	30.912	1.8084	3.5489
CMJM	537.6	95.7	18.4	182.5	47.474	1.7324	
HJPZ	1077.0	14.6	7.7	304.6	22.619	1.3779	
CMDR	1196.0	107.4	6.4	302.2	18.425	1.1136	

Point: SANT 4 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	495.1	284.9	20.0	241.2	49.960	2.4101	2.4101
HIPZ	195.7	34.1	43.9	99.3	93.975	1.8668	3.0485
CMIR	878.2	105.8	10.3	292.5	30.910	1.8083	3.5445
CMJM	538.2	95.4	18.4	182.5	47.438	1.7318	
HJPZ	1079.9	14.6	7.6	304.6	22.520	1.3720	
CMDR	1195.9	107.3	6.4	302.2	18.428	1.1137	

Point: SANT 5 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	493.8	285.2	20.1	241.1	50.042	2.4128	2.4128
HIPZ	198.6	34.2	43.5	100.2	92.653	1.8571	3.0447
CMIR	879.3	105.6	10.3	292.6	30.858	1.8057	3.5399
CMJM	539.8	95.1	18.3	182.7	47.347	1.7304	
HJPZ	1082.6	14.6	7.6	304.7	22.430	1.3667	
CMDR	1196.9	107.2	6.4	302.2	18.399	1.1120	

Point: SANT 6 Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WRSJ	491.7	285.4	20.2	240.9	50.175	2.4171	2.4171
HIPZ	201.3	34.5	43.1	101.0	91.631	1.8513	3.0446
CMIR	881.3	105.5	10.3	292.7	30.765	1.8010	3.5374
CMJM	542.2	94.9	18.2	183.0	47.213	1.7282	
HJPZ	1084.7	14.7	7.6	304.7	22.359	1.3625	
CMDR	1198.7	107.0	6.4	302.2	18.341	1.1087	

Locations of points along 4 mV/m nighttime contour of Cuban Stations

Point	Latitude			Longitude		
'CMIR 0 '	21	50	0	78	45	0
'CMIR 1 '	22	1	20	78	45	0
'CMIR 2 '	22	0	39	78	40	49
'CMIR 3 '	21	58	41	78	37	9
'CMIR 4 '	21	55	40	78	34	25
'CMIR 5 '	21	51	58	78	32	59
'CMIR 6 '	21	51	58	78	57	1
'CMIR 7 '	21	55	40	78	55	35
'CMIR 8 '	21	58	41	78	52	51
'CMIR 9 '	22	0	39	78	49	11
'CMDR 0 '	23	3	0	81	35	0
'CMDR 1 '	23	8	56	81	35	0
'CMDR 2 '	23	8	35	81	32	48
'CMDR 3 '	23	7	33	81	30	51
'CMDR 4 '	23	5	58	81	29	25
'CMDR 5 '	23	4	2	81	28	39
'CMDR 6 '	23	1	58	81	28	39
'CMDR 7 '	23	4	2	81	41	21
'CMDR 8 '	23	5	58	81	40	35
'CMDR 9 '	23	7	33	81	39	9
'CMDR 10 '	23	8	35	81	37	12
'CMJM 0 '	20	1	0	75	48	0
'CMJM 1 '	20	7	12	75	48	0
'CMJM 2 '	20	6	50	75	45	44
'CMJM 3 '	20	5	45	75	43	45
'CMJM 4 '	20	2	5	75	54	30
'CMJM 5 '	20	4	6	75	53	43
'CMJM 6 '	20	5	45	75	52	15
'CMJM 7 '	20	6	50	75	50	16
'HIPZ 0 '	18	2	0	71	44	0
'HIPZ 1 '	18	6	35	71	44	0
'HIPZ 2 '	18	1	12	71	48	45
'HIPZ 3 '	18	2	48	71	48	45
'HIPZ 4 '	18	4	18	71	48	11
'HIPZ 5 '	18	5	31	71	47	6
'HIPZ 6 '	18	6	19	71	45	39
'SANT 0 '	19	27	0	70	37	0
'SANT 1 '	19	31	35	70	37	0
'SANT 2 '	19	26	12	70	41	47
'SANT 3 '	19	27	48	70	41	47
'SANT 4 '	19	29	18	70	41	13
'SANT 5 '	19	30	31	70	40	8
'SANT 6 '	19	31	19	70	38	40

Exhibit 15-3 RSS Calculations for Proposed Operation

Point: WRHC

Frequency: 1560 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
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WQEW	1776.2	202.0	.6	2687.3	16.863	9.0635	9.0635
TIFQ	1808.2	16.2	.5	691.6	24.451	3.3822	9.6740
RICHWO	1363.2	121.0	3.0	417.6	28.954	2.4181	
GUN BLU*	712.5	5.0	9.8	1345.2	87.194	2.3458	
GRAND T*	1059.7	297.9	5.3	2239.5	48.886	2.1896	

* - indicates an adjacent channel station.





