

MINOR CHANGE APPLICATION
T K RADIO, INC.
WSBB AM RADIO STATION
1230 kHz - 1.0 kW - NDU
NEW SMYRNA BEACH, FLORIDA
November 2005

EXHIBIT #3

WSBB - NEW SMYRNA BEACH, FL - 1230 kHz - PRESENT

Lat: 29-01-57 N Lng: 080-55-03 W
Power: 1.0 Kw Theo RMS: 271.98 mV/m @ 1km

Standard: FCC Rules (1992 Skywave Propagation Model) [10%]

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min Max (deg) (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WGCG	1230	GAINESVILLE	FL	US	161.9	116.1	41.3 55.5	206.61	330.11	13.641	100.0	13.641
WONN	1230	LAKELAND	FL	US	150.2	42.5	43.4 57.5	172.49	342.14	11.803	86.5	18.038
WWGA	1230	WAYCROSS	GA	US	280.4	149.5	26.5 39.8	260.62	226.21	11.791	65.4	21.550
WMAF	1230	MADISON	FL	US	291.1	122.8	25.7 38.7	263.12	218.26	11.486	53.3	24.420 *
						50 %						
WSOK	1230	SAVANNAH	GA	US	338.3	177.4	22.3 34.5	273.18	189.49	10.353	42.4	26.524
WBZT	1230	POMPANO BEACH	FL	US	318.0	346.4	23.6 36.2	233.97	203.72	9.533	35.9	28.185
WWSO	1230	QUINCY	FL	US	394.8	114.9	19.1 30.3	277.84	160.54	8.921	31.7	29.563
WBZT	1230	WEST PALM BEACH	FL	US	263.9	343.5	28.0 41.6	185.30	239.84	8.889	30.1	30.870
						25 %						
WNRR	1230	AUGUSTA	GA	US	502.8	167.6	14.8 24.3	289.86	121.00	7.015	22.7	31.657
NEW	1230	SMITHVILLE	GA	US	449.1	134.0	16.8 27.0	248.32	138.76	6.892	21.8	32.398
WOLS	1230	FLORENCE	SC	US	588.4	191.2	12.4 20.8	347.29	98.75	6.859	21.2	33.117
WAIM	1230	ANDERSON	SC	US	632.0	164.9	11.4 19.3	356.02	89.67	6.385	19.3	33.726
WCLI	1230	DUBLIN	GA	US	431.7	153.5	17.5 28.0	219.43	145.36	6.379	18.9	34.324
WOIC	1230	COLUMBIA	SC	US	551.6	178.7	13.4 22.2	288.45	107.51	6.202	18.1	34.880
WKWL	1230	FLORALA	AL	US	565.4	111.5	13.0 21.6	293.07	104.45	6.122	17.6	35.413
WFOM	1230	MARIETTA	GA	US	641.5	147.1	11.2 19.0	321.43	88.01	5.658	16.0	35.863
WAUD	1230	AUBURN	AL	US	589.7	131.5	12.4 20.7	282.86	98.76	5.587	15.6	36.295
WZNO	1230	PENSACOLA	FL	US	627.8	102.8	11.5 19.4	306.50	91.09	5.584	15.4	36.722

WSBB - NEW SMYRNA BEACH, FL - 1230 kHz - PROPOSED

Lat: 29-02-02.50 N Lng: 080-55-01.50 W
Power: 1.0 Kw Theo RMS: 271.27 mV/m @ 1km

Standard: FCC Rules (1992 Skywave Propagation Model) [10%]

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min Max (deg) (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WGCG	1230	GAINESVILLE	FL	US	161.9	116.1	41.3 55.5	206.61	330.16	13.643	100.0	13.643
WONN	1230	LAKELAND	FL	US	150.4	42.4	43.4 57.5	172.49	341.98	11.797	86.5	18.036
WWGA	1230	WAYCROSS	GA	US	280.2	149.5	26.6 39.8	260.31	226.30	11.782	65.3	21.543
WMAF	1230	MADISON	FL	US	291.0	122.7	25.7 38.7	263.12	218.30	11.488	53.3	24.415 *
						50 %						
WSOK	1230	SAVANNAH	GA	US	338.1	177.4	22.3 34.5	273.18	189.59	10.358	42.4	26.521
WBZT	1230	POMPANO BEACH	FL	US	318.1	346.4	23.6 36.2	233.97	203.62	9.528	35.9	28.181
WWSO	1230	QUINCY	FL	US	394.7	114.9	19.1 30.3	277.84	160.56	8.922	31.7	29.559
WBZT	1230	WEST PALM BEACH	FL	US	264.1	343.5	28.0 41.5	184.37	239.73	8.840	29.9	30.853
						25 %						
WNRR	1230	AUGUSTA	GA	US	502.6	167.6	14.8 24.3	289.86	121.05	7.017	22.7	31.641
NEW	1230	SMITHVILLE	GA	US	449.0	134.0	16.8 27.0	248.32	138.80	6.893	21.8	32.383
WOLS	1230	FLORENCE	SC	US	588.2	191.2	12.4 20.8	347.29	98.78	6.861	21.2	33.102
WAIM	1230	ANDERSON	SC	US	631.8	164.8	11.4 19.3	356.02	89.70	6.387	19.3	33.712
WCLI	1230	DUBLIN	GA	US	431.6	153.5	17.5 28.0	219.43	145.41	6.381	18.9	34.311
WOIC	1230	COLUMBIA	SC	US	551.4	178.7	13.4 22.2	288.45	107.55	6.205	18.1	34.867
WKWL	1230	FLORALA	AL	US	565.3	111.4	13.0 21.6	293.07	104.46	6.123	17.6	35.401
WFOM	1230	MARIETTA	GA	US	641.4	147.0	11.2 19.0	321.43	88.04	5.660	16.0	35.851
WAUD	1230	AUBURN	AL	US	589.6	131.5	12.4 20.7	282.86	98.77	5.588	15.6	36.283
WZNO	1230	PENSACOLA	FL	US	627.8	102.8	11.5 19.4	306.50	91.09	5.584	15.4	36.710

* - Nighttime Interference Free Contour