

[illegible]

MINOR CHANGE APPLICATION
FLORIDA TALK RADIO, LLC
WSRQ AM RADIO STATION
has: 1220 kHz - 0.159/1.0 kW - DA2
req: 1220 kHz - 0.039/1.0 kW - DA2
SARASOTA, FLORIDA
December 2011

EXHIBIT #3B

Night Radiation Limit Report

North Latitude: 27° 19' 19"
West Longitude: 82° 24' 27"

Radiation limits above 275.0 mV/m@1km are not shown.

	Ct	St	City	Azimuth (Deg)	Min Theta (Deg)	Max Theta (Deg)	Limit (mV/m @ 1km)
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CMDM-D	CU		C ESPANA	164.1	19.0	19.0	194.6
XEB/A (90)	MX	DF	SAN LORENZO TEZ	208.3	8.0	8.0	53.5
XEB/A (95)	MX	DF	SAN LORENZO TEZ	208.8	6.7	6.7	71.0
XEB/A (85)	MX	DF	SAN LORENZO TEZ	209.7	9.4	9.4	42.7
XEB/A (80)	MX	DF	SAN LORENZO TEZ	212.0	11.2	11.2	34.2
XEB/A (110)	MX	DF	SAN LORENZO TEZ	215.3	3.9	3.9	186.8
XEB/A (115)	MX	DF	SAN LORENZO TEZ	219.3	3.2	3.2	270.1
XEB/A (105)	MX	DF	SAN LORENZO TEZ	220.6	4.2	4.2	200.2
XEB/A (100)	MX	DF	SAN LORENZO TEZ	221.4	4.8	4.8	171.4
XEB/A (15)	MX	DF	SAN LORENZO TEZ	267.5	4.1	4.1	234.4

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EXHIBIT #3C

Night RSS Calculations

Call: WSRQ Freq: 1220 kHz SARASOTA, FL, US Hours: N PROPOSED
 Lat: 27-19-19 N Lng: 082-24-26 W
 Power: 0.039 kW Theo RMS: 59.80 mV/m @ 1km @ 0.039 kW

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

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max	SW	Limit (mV/m)	(%)	RSS
							Min (deg)	Max (deg)	V-Rad (mV/m)	Mult (uV/m)			Limit (mV/m)
XEB/A	1220	SAN LORENZO TEZON	DF	MX	1924.7	59.4	0.0	2.7	3990.00	19.64	15.676	100.0	15.676 *
						50 %							
						25 %							
HJAV-A	1220	MONTERIA 4		CO	2171.5	342.3	0.0	1.4	978.60	18.05	3.532	22.5	16.069
YVAP-A	1220	MARACAIBO 5		VE	2165.9	330.2	0.0	1.4	978.60	17.70	3.464	21.6	16.438
WHKW	1220	CLEVELAND	OH	US	1556.3	182.6	1.8	5.2	807.44	20.90	3.376	20.5	16.781
ZYJ-458-1220		RIO DE JANEI		BR	6993.5	320.9	0.0	0.0	5377.12	2.88	3.101	18.5	17.065
HJMT-A	1220	S GIL		CO	2514.3	338.1	0.0	0.0	978.60	14.46	2.829	16.6	17.298
HJFV-A	1220	BARRANQUILLA		CO	1993.9	337.5	0.0	2.3	692.00	20.28	2.807	16.2	17.524
HJKR-A	1220	BOGOTA 13		CO	2658.3	341.6	0.0	0.0	978.60	13.41	2.625	15.0	17.720
YVRD-A	1220	SAN FERNANDO		VE	2674.0	325.9	0.0	0.0	978.60	12.76	2.498	14.1	17.895

Call: WSRQ Freq: 1220 kHz SARASOTA, FL, US Hours: N PRESENT
 Lat: 27-19-27 N Lng: 082-29-47 W
 Power: 0.159 Kw Theo RMS: 118.17 mV/m @ 1km @ 0.159 kW
 # of Augmentations: 3

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

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS
							Min (deg)	Max (deg)	V-Rad (mV/m)				Limit (mV/m)
XEB/A	1220	SAN LORENZO TEZON	DF	MX	1916.7	59.3	0.0	2.8	3990.00	19.78	15.786	100.0	15.786 *
						50 %							
						25 %							
HJAV-A	1220	MONTERIA 4		CO	2174.7	342.1	0.0	1.4	978.60	18.00	3.524	22.3	16.175
YVAP-A	1220	MARACAIBO 5		VE	2171.0	330.0	0.0	1.4	978.60	17.63	3.451	21.3	16.539
WHKW	1220	CLEVELAND	OH	US	1556.4	183.0	1.8	5.2	774.92	20.90	3.240	19.6	16.853
ZYJ-458-1220		RIO DE JANEI		BR	6999.4	320.8	0.0	0.0	5377.12	2.88	3.095	18.4	17.135
HJMT-A	1220	S GIL		CO	2518.2	337.9	0.0	0.0	978.60	14.42	2.822	16.5	17.366
HJFV-A	1220	BARRANQUILLA		CO	1997.9	337.3	0.0	2.3	692.00	20.21	2.798	16.1	17.590
HJKR-A	1220	BOGOTA 13		CO	2661.7	341.4	0.0	0.0	978.60	13.38	2.619	14.9	17.784
YVRD-A	1220	SAN FERNANDO		VE	2679.7	325.7	0.0	0.0	978.60	12.71	2.489	14.0	17.957

* - Nighttime Interference Free Contour