

**May 2011
WNUE-FM Channel 251C2
Deltona, FL
Allocation Study**

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of WXTB on Channel 250C at Clearwater. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to WXTB, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

Hatfield & Dawson Consulting Engineers

=====

SEARCH PARAMETERS

FM Database Date: 110513

Channel: 251C2 98.1 MHz
 Latitude: 28 51 9
 Longitude: 81 4 3
 Safety Zone: 50 km
 Job Title: WNUE-FM 251C2 DELTONA

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WPCV LIC	WINTER HAVEN FL	BLH-890908KA	248C0 97.5	100.000 310.0	28-07-35 081-33-03	210.4	93.35 4.35	89 CLOSE
W249CH LIC	PALM COAST FL	BLFT-91002AAI	249D 97.7	0.080 52.0	29-33-16 081-11-45	351.0	78.79 0.00	0 TRANS
WXTB LIC	CLEARWATER FL	BLH-90706AFW	250C 97.9	100.000 458.0	28-10-56 082-46-06	246.3 SS	182.31 -5.69	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
WXTBaux LIC	CLEARWATER FL	BXLH-60809AEX	250C 97.9	13.000 350.0	28-10-56 082-46-06	246.3	182.31 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-90717AAE	250C 97.9	100.000 358.0	28-10-56 082-46-06	246.3	182.31 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-90710ADZ	250C 97.9	12.000 442.0	28-10-56 082-46-06	246.3	182.31 0.00	0 AUX
W250BH LIC	MELBOURNE FL	BLFT-70920ABU	250D 97.9	0.019 105.0	28-02-49 080-40-34	156.8	97.16 0.00	0 TRANS
WFKS LIC	NEPTUNE BEACH FL	BLH-30328AHS	250C2 97.9	12.500 302.0	30-16-51 081-34-12	343.1	165.64 35.64	130 CLEAR
WFKSaux LIC	NEPTUNE BEACH FL	BXLH-51026AAH	250C2 97.9	5.700 116.0	30-06-14 081-28-11	344.5	144.09 0.00	0 AUX
WNUE-FM CP MOD	DELTONA FL	BMPH-10316AAH	251C2 98.1	50.000 141.0	28-50-26 081-04-00	176.5 SS	1.33 -188.67	190 SHORT
WNUE-FM LIC	TITUSVILLE FL	BLH-50525AGR	251C1 98.1	100.000 145.0	28-50-52 080-51-50	91.5 SS	19.88 -204.12	224 SHORT
WNUEaux LIC	TITUSVILLE FL	BXLH-50929AEA	251C1 98.1	100.000 139.1	28-50-52 080-51-50	91.5	19.88 0.00	0 AUX
WWRZ LIC	FORT MEADE FL	BLH-80613ABL	252C2 98.3	27.000 203.0	27-51-10 081-52-02	215.3 SS	135.73 5.73	130 CLOSE

=====

SEARCH PARAMETERS FM Database Date: 110513

Channel: 251C2 98.1 MHz Page 2

Latitude: 28 51 9

Longitude: 81 4 3

Safety Zone: 50 km

Job Title: WNUE-FM 251C2 DELTONA

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
W252BB LIC	VERO BEACH FL	SOUTH BLFT-60110ABV	252D 98.3	0.013 123.0	27-36-05 080-23-34	154.4	153.65 0.00	0 TRANS
W253AG LIC	COCOA FL	BLFT-00602AFQ	253D 98.5	0.170 35.0	28-17-20 080-44-48	153.4	69.91 0.00	0 TRANS
WSBH LIC	SATELLITE BEACH FL	BLH-61130AKQ	253A 98.5	6.000 100.0	28-08-11 080-42-12	155.8	87.00 32.00	55 CLEAR
VAC	PALM COAST FL	RM-10493	254A 98.7	0.000 0.0	29-29-38 081-09-45	352.7	71.69 16.69	55 CLEAR
WPLC CP	PALM COAST FL	BNPH-91016ABO	254A 98.7	6.000 100.0	29-33-16 081-11-45	351.0	78.79 23.79	55 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 251 44444

