

**September 2010  
WNUE-FM Channel 251C2  
Deltona, FL  
Allocation Study**

**Allotment Site**

The attached spacing study shows that the proposed allotment site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules.

The proposed Channel 251C2 allotment site is suitable for tower construction and is located 30 km from the far side of Deltona. The standard 70 dBu contour distance for a Class C2 facility is 32.6 km. Therefore, the proposed allotment will provide 70 dBu service to 100% of Deltona.

**Transmitter Site**

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.

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SEARCH PARAMETERS FM Database Date: 100922

Channel: 251C2 98.1 MHz Page 1  
 Latitude: 28 49 23  
 Longitude: 80 59 14  
 Safety Zone: 32 km  
 Job Title: DELTONA 251C2 ALLOTMENT SITE

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	215.6	94.91 5.91	89 CLOSE
W249CH LIC	PALM COAST FL	BLFT-91002AAI	249D 97.7	0.080 52.0	29-33-16 081-11-45	346.1	83.56 0.00	0 TRANS
WXTB LIC	CLEARWATER FL	BLH-90706AFW	250C 97.9	100.000 458.0	28-10-56 082-46-06	248.2 SS	188.28 0.28	188 CLOSE
WXTBaux LIC	CLEARWATER FL	BXLH-90710ADZ	250C 97.9	12.000 442.0	28-10-56 082-46-06	248.2	188.28 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-90717AAE	250C 97.9	100.000 358.0	28-10-56 082-46-06	248.2	188.28 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-60809AEX	250C 97.9	13.000 350.0	28-10-56 082-46-06	248.2	188.28 0.00	0 AUX
W250BH LIC	MELBOURNE FL	BLFT-70920ABU	250D 97.9	0.019 105.0	28-02-49 080-40-34	160.5	91.25 0.00	0 TRANS
WFKSaux LIC	NEPTUNE BEACH FL	BXLH-51026AAH	250C2 97.9	5.700 116.0	30-06-14 081-28-11	342.0	149.48 0.00	0 AUX
WNUE-FM LIC	TITUSVILLE FL	BLH-50525AGR	251C1 98.1	100.000 145.0	28-50-52 080-51-50	77.1 SS	12.34 -211.66	224 SHORT
WNUE-FM APP	TITUSVILLE FL	BPH-91230AAY	251C2 98.1	50.000 140.0	28-50-26 081-03-59	284.2 SS	7.97 -182.03	190 SHORT
WNUEaux LIC	TITUSVILLE FL	BXLH-50929AEA	251C1 98.1	100.000 139.1	28-50-52 080-51-50	77.1	12.34 0.00	0 AUX
WWRZ LIC	FORT MEADE FL	BLH-80613ABL	252C2 98.3	27.000 203.0	27-51-10 081-52-02	218.8 SS	137.87 7.87	130 CLOSE
W253AG LIC	COCOA FL	BLFT-00602AFQ	253D 98.5	0.170 35.0	28-17-20 080-44-48	158.4	63.71 0.00	0 TRANS
WSBH LIC	SATELLITE BEACH FL	BLH-61130AKQ	253A 98.5	6.000 100.0	28-08-11 080-42-12	160.0	81.02 26.02	55 CLEAR
VAC	PALM COAST FL	RM-10493	254A 98.7	0.000 0.0	29-29-38 081-09-45	347.2	76.28 21.28	55 CLEAR
WPLC CP	PALM COAST FL	BNPH-91016ABO	254A 98.7	6.000 100.0	29-33-16 081-11-45	346.1	83.56 28.56	55 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 251 44444

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## SEARCH PARAMETERS

FM Database Date: 100922

Channel: 251C2 98.1 MHz  
 Latitude: 28 50 26  
 Longitude: 81 3 59  
 Safety Zone: 32 km  
 Job Title: WNUE-FM 251C2 TRANSMITTER SITE

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	210.9	92.27 3.27	89 CLOSE
W249CH LIC	PALM COAST FL	BLFT-91002AAI	249D 97.7	0.080 52.0	29-33-16 081-11-45	351.0	80.12 0.00	0 TRANS
WXTB LIC	CLEARWATER FL	BLH-90706AFW	250C 97.9	100.000 458.0	28-10-56 082-46-06	246.6 SS	181.89 -6.11	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
WXTBaux LIC	CLEARWATER FL	BXLH-90710ADZ	250C 97.9	12.000 442.0	28-10-56 082-46-06	246.6	181.89 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-90717AAE	250C 97.9	100.000 358.0	28-10-56 082-46-06	246.6	181.89 0.00	0 AUX
WXTBaux LIC	CLEARWATER FL	BXLH-60809AEX	250C 97.9	13.000 350.0	28-10-56 082-46-06	246.6	181.89 0.00	0 AUX
W250BH LIC	MELBOURNE FL	BLFT-70920ABU	250D 97.9	0.019 105.0	28-02-49 080-40-34	156.5	95.90 0.00	0 TRANS
WFKSaux LIC	NEPTUNE BEACH FL	BXLH-51026AAH	250C2 97.9	5.700 116.0	30-06-14 081-28-11	344.6	145.39 0.00	0 AUX
WNUE-FM LIC	TITUSVILLE FL	BLH-50525AGR	251C1 98.1	100.000 145.0	28-50-52 080-51-50	87.6 SS	19.78 -204.22	224 SHORT
WNUE-FM APP	TITUSVILLE FL	BPH-91230AAY	251C2 98.1	50.000 140.0	28-50-26 081-03-59	0.0 SS	0.00 -190.00	190 SHORT
WNUEaux LIC	TITUSVILLE FL	BXLH-50929AEA	251C1 98.1	100.000 139.1	28-50-52 080-51-50	87.6	19.78 0.00	0 AUX
WWRZ LIC	FORT MEADE FL	BLH-80613ABL	252C2 98.3	27.000 203.0	27-51-10 081-52-02	215.7 SS	134.72 4.72	130 CLOSE
W253AG LIC	COCOA FL	BLFT-00602AFQ	253D 98.5	0.170 35.0	28-17-20 080-44-48	152.9	68.68 0.00	0 TRANS

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SEARCH PARAMETERS                               FM Database Date: 100922
Channel: 251C2   98.1 MHz                      Page 2
Latitude: 28 50 26
Longitude: 81 3 59
Safety Zone: 32 km
Job Title: WNUE-FM 251C2 TRANSMITTER SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WSBH	SATELLITE BEACH	253A	6.000	28-08-11	155.5	85.75	55	
LIC	FL BLH-61130AKQ	98.5	100.0	080-42-12		30.75	CLEAR	
VAC	PALM COAST	254A	0.000	29-29-38	352.7	73.01	55	
	FL RM-10493	98.7	0.0	081-09-45		18.01	CLEAR	
WPLC	PALM COAST	254A	6.000	29-33-16	351.0	80.12	55	
CP	FL BNPB-91016ABO	98.7	100.0	081-11-45		25.12	CLEAR	

44444 END OF FM SPACING STUDY FOR CHANNEL 251 44444

