

WKXJ  
Facility ID# 72371  
Capstar TX Limited Partnership  
Signal Mountain, TN

By this application it is proposed to modify WKXJ(FM) at Signal Mountain, TN from operation with a directional antenna to non-directional antenna utilizing the presently authorized location, and antenna height.

Figure 1 is a separation study from the present/proposed site location. The study indicates the present/proposed site location complies with the minimum distance separation requirements of Section 73.207 for Class A operation on channel 240 towards all existing, authorized and proposed stations and allotments with the exception of the licensed facility of WHZT on channel 251 at Seneca, SC and WKEA-FM construction permit BPH-20010123ABH. However, it is proposed to reclassify WHZT's licensed Class C operation to Class C0 status pursuant to Note 4 of Section 73.3573. Reclassification of WHZT will eliminate the short-spacing. Figure 2 is a separation study from the present/proposed site location demonstrating compliance with all 73.207 spacing except to the Construction Permit for WKEA-FM after WHZT is re-classified. Furthermore, it is Proposed to use Section 73.215 contour protection to the construction permit of WKEA. Map 1 demonstrates compliance with 73.215 standards.

It is proposed to reclassify the following Class C station to Class C0 status pursuant to the provisions of Section Note 4 of Section 73.3573: WHZT on channel 251 at Seneca, SC That Section permits Class C0 reclassification for Class C stations which operate with HAAT values of less than 451 meters. Station WHZT operates with an HAAT of 305 meters. That Section also requires certification that there is no alternative channel available for the proposed service. A study which demonstrating that there are no alternative channels available for the proposed Class A service from the proposed transmitter site was undertaken and shows no other channel is available. Therefore, it is believed that the proposed operation complies with the provisions of Note 4 of Section 73.3573.

Figure 1

Callsign	State	City	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
WKEA-FM	AL	SCOTTSBORO	252	1550	A	CP	65.8	72	-6.2
WHZT	SC	SENECA	251	100000	C	LIC	221.7	226	-4.3
WHZT	SC	SENECA	251	0	C	USE	221.38	226	-4.6
	AL	ARDMORE	252	0	C1	APP	132.54	133	-0.46
WSIX-FM	TN	NASHVILLE	250	100000	C	LIC	170.34	165	5.3
WSIX-FM	TN	NASHVILLE	250	0	C	USE	170.34	165	5.3
WKEA-FM	AL	SCOTTSBORO	252	0	A	USE	79.78	72	7.8
WKEA-FM	AL	SCOTTSBORO	252	2350	A	LIC	79.78	72	7.8
	AL	SCOTTSBORO	252	0	A	APP	79.78	72	7.8

Figure 2

Callsign	State	City	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
WKEA-FM	AL	SCOTTSBORO	252	1550	A	CP	65.8	72	-6.2
	AL	ARDMORE	252	0	C1	APP	132.54	133	-0.46
WSIX-FM	TN	NASHVILLE	250	0	C	USE	170.34	165	5.3
WSIX-FM	TN	NASHVILLE	250	100000	C	LIC	170.34	165	5.3
WHZT	SC	SENECA	251	100000	C0	LIC	221.7	215	6.7
WHZT	SC	SENECA	251	0	C0	USE	221.38	215	6.4
WKEA-FM	AL	SCOTTSBORO	252	2350	A	LIC	79.78	72	7.8
	AL	SCOTTSBORO	252	0	A	APP	79.78	72	7.8
WKEA-FM	AL	SCOTTSBORO	252	0	A	USE	79.78	72	7.8

Map 1

