

EXHIBIT 12 – Comprehensive Technical Exhibit

Discussion

Applicant proposes a change of frequency only, an Intermediate Frequency Jump of 54 channels from channel 202 to channel 256, a minor change as permitted by the Rules.

CHANNEL STUDY

A study of all relevant co-channel, 1st, 2nd, and 3rd adjacent channels and I.F. relationships reveals the absence on any conflict (see **Figure 1** below) at the new frequency.

W202BZ I.F. Jump The Power Foundation CH# 256D - 99.1 MHz, Pwr= 0.038 kw, HAAT= 64.7 M, COR= 152 M Average Protected F(50-50)= 6.4 km Omni-directional											
REFERENCE 31 56 38.0 N. 83 50 34.0 W.										DISPLAY DATES DATA 06-10-18 SEARCH 06-10-18	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
256C1 Macon	WDEN-FM	LIC	NC GA	16.2 196.4	95.01 BLH20010530AAX	32 45 51.0 83 33 32.0	100.000 177	162.1 290	64.0 Cumulus Licensing Llc	-73.5*	9.8
254C3 Americus	WISK-FM	LIC	CN GA	291.5 111.3	41.78 BLH19921013KD	32 04 51.0 84 15 20.0	25.000 92	4.0 216	38.7 Sumter Broadcasting Co., I	30.7	2.6
257D Albany	W257ED	CP	C GA	219.3 39.2	46.36 BNPFT20171213ACB	31 37 15.4 84 09 11.3	0.250	15.2 139	10.7 Cumulus Licensing Llc	24.1	25.7
258C1 Willacoochee	WKAA	LIC	NCX GA	152.1 332.4	97.01 BMLH20150602AAW	31 10 18.0 83 21 57.0	73.000 230	8.0 302	62.8 Southern Communications, L	82.9	33.8
257C2 Fort Benning South	WKN	LIC	NCX GA	297.3 116.6	128.07 BLH20110411ABS	32 27 59.0 85 03 22.0	29.000 167	76.2 277	51.6 Pmb Broadcasting, Llc	44.7	66.4
253A Ocilla	WLPF	LIC	ZC GA	132.4 312.7	77.90 BMLE20090225AAX	31 28 11.0 83 14 11.0	2.300 159	2.4 243	28.0 Augusta Radio Fellowship In	69.7	49.5
258D Macon	W258AP	LIC	C GA	17.0 197.1	77.13 BLFT20170424AAU	32 36 26.0 83 36 09.0	0.250	1.1 178	11.2 Edgewater Broadcasting, In	69.6	65.3
255C1 Tallahassee	WBZE	LIC	C FL	194.7 14.5	166.75 BLH20031126ASO	30 29 32.0 84 17 02.0	100.000 184	91.3 219	61.3 Cumulus Licensing Llc	68.9	96.1
258D Macon	W258AP	CP	C GA	16.5 196.6	93.42 BPFT20180518API	32 44 58.0 83 33 35.0	0.099	0.7 316	15.5 Edgewater Broadcasting, In	86.3	77.5
256D Alma	1777923	APP	C GA	106.6 287.3	128.14 BNPFT20180131ABG	31 36 26.0 82 32 46.0	0.250	44.3 176	12.9 Blueberry Broadcasting Com	78.1	96.0
257C1 Pembroke Site 17.8 kms (11.1 mi) S	AL8035	VAC	GA	81.5 262.5	194.24 RM9790	32 11 13.0 81 48 04.0	100.000 299	105.2 335	72.4 Bullie B/cing Corp.	83.2	114.3
256D Alma	1784615	APP	C GA	106.6 287.3	128.14 BNPFT20180508ABG	31 36 26.0 82 32 46.0	0.250	38.9 153	11.4 Blueberry Broadcasting Com	83.5	97.5
259C1 Dothan	WOOF-FM	LIC	CN AL	241.0 60.3	156.88 BLH19850506KS	31 15 07.0 85 17 12.0	100.000 299	10.2 380	72.6 woof, Inc.	139.6	83.6
254D Macon	1783865	APP	C GA	5.7 185.8	105.17 BNPFT20180426AAQ	32 53 06.5 83 43 50.3	0.250	1.1 205	11.8 Cumulus Licensing Llc	97.5	92.7
254D Macon	1777304	APP	C GA	5.7 185.8	105.17 BNPFT20180130ACL	32 53 06.5 83 43 50.3	0.250	1.1 205	11.8 Cumulus Licensing Llc	97.5	92.7

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
""*""affixed to 'IN' or 'OUT' values = site inside restricted contour.

Figure 1

Qualifying overlap of 60 dBu service contours of currently authorized and proposed demonstrated (see Figure 2).

With no change of location, CORAMSL, or ERP, the contours are essentially identical.

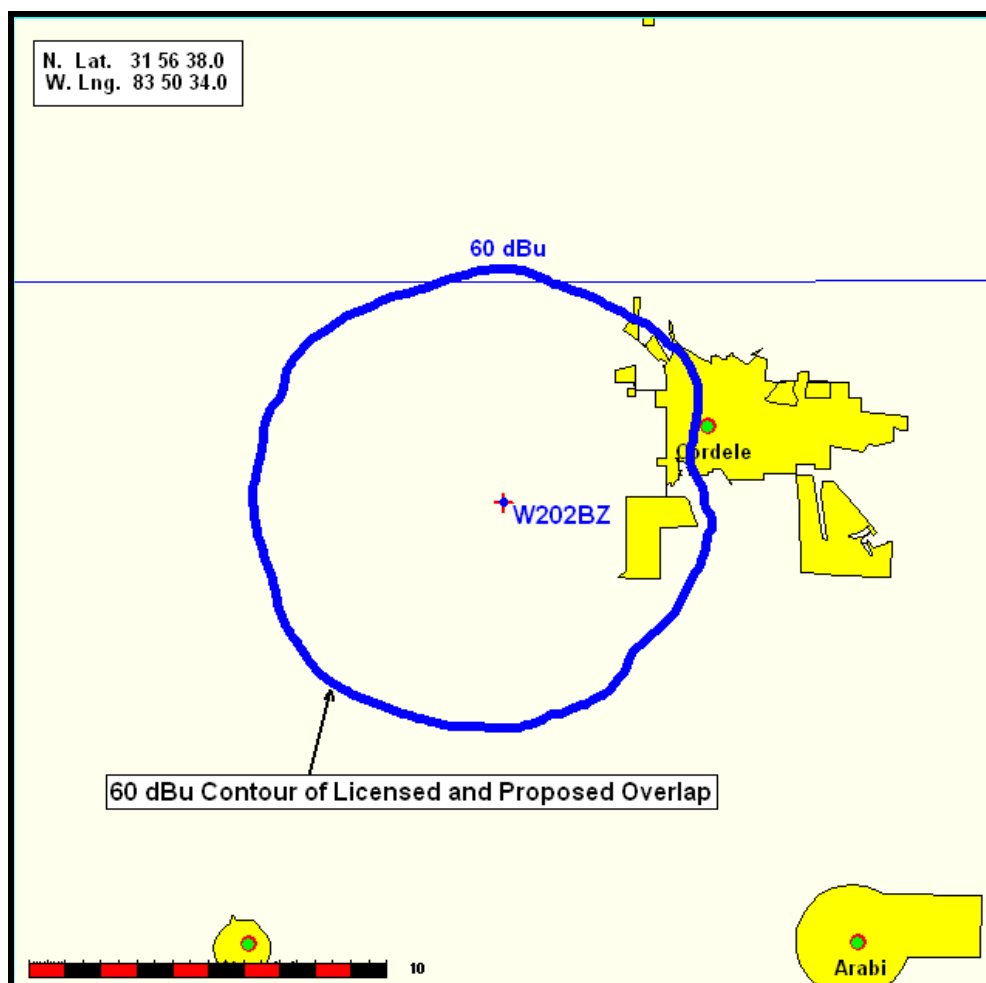


Figure 2

ENVIRONMENTAL COMPLIANCE

There will be no new construction. The proposed facility will be located on an authorized tower, at a current communications site.

With an ERP of less than 100 watts, the facility is categorically excluded from further study.