

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
KSKY	US	TX	BALCH SPRINGS	289.96	7.08	12.87	54.48	1.520	139.51	138.72	0.79
50% = 5.019, 25% = 6.08; WFAN=5.02 WSM=2.49 XEEY/A=1.76 XEDTL/A=1.58											
WFAN (200)	US	NY	NEW YORK	64.56	4.55	9.16	36.41	0.668	91.73s	20.15	71.58
WFAN (205)	US	NY	NEW YORK	64.24	5.28	10.22	41.09	0.615	74.80s	19.78	55.02
WFAN (210)	US	NY	NEW YORK	65.89	6.64	12.22	50.69	0.514	50.65s	23.81	26.84
WFAN (215)	US	NY	NEW YORK	62.52	7.36	13.28	55.97	0.500	44.67s	17.62	27.05
WFAN (220)	US	NY	NEW YORK	57.73	7.81	13.96	59.35	0.500	42.12s	13.05	29.08
WFAN (225)	US	NY	NEW YORK	52.46	8.11	14.39	61.49	0.500	40.66s	18.37	22.29
WFAN (230)	US	NY	NEW YORK	46.96	8.20	14.53	62.05	0.500	40.29s	26.63	13.66
WFAN (235)	US	NY	NEW YORK	41.53	8.08	14.35	60.93	0.500	41.03s	34.32	6.71
WFAN (240)	US	NY	NEW YORK	36.44	7.76	13.89	58.27	0.500	42.90s	40.41	2.49
WFAN (245)	US	NY	NEW YORK	31.89	7.31	13.22	54.60	0.500	45.78s	44.81	0.98
WFAN (250)	US	NY	NEW YORK	28.02	6.76	12.40	50.29	0.500	49.71s	47.65	2.06
WFAN (255)	US	NY	NEW YORK	24.82	6.17	11.53	45.82	0.500	54.57s	49.43	5.14
WFAN (260)	US	NY	NEW YORK	22.30	5.56	10.63	41.41	0.500	60.36s	50.44	9.93
WFAN (265)	US	NY	NEW YORK	20.38	4.97	9.76	37.29	0.500	67.03s	50.99	16.04
WFAN (270)	US	NY	NEW YORK	18.97	4.39	8.93	33.54	0.500	74.53s	51.30	23.23
WFAN (275)	US	NY	NEW YORK	18.01	3.85	8.15	30.18	0.500	82.83s	51.45	31.38
WFAN (280)	US	NY	NEW YORK	17.41	3.35	7.43	27.21	0.500	91.88s	51.59	40.29
WFAN (285)	US	NY	NEW YORK	22.43	2.68	6.47	23.65	0.656	138.80s	51.36	87.43
WFAN (290)	US	NY	NEW YORK	17.11	2.44	6.14	22.30	0.500	112.10s	51.77	60.34
WFAN (295)	US	NY	NEW YORK	17.30	2.04	5.58	20.29	0.500	123.19s	51.85	71.34
WORL	US	FL	ALTAMONTE SPRIN	106.90	10.70	18.24	84.21	2.873	170.57	135.81	34.76
50% = 11.491, 25% = 11.491; WFAN=11.49											

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WXQW AM RADIO STATION
has: 660 kHz - 0.85/10.0 kW - DAN
req: 660 kHz - 0.18/10.0 kW - DAN
FAIRHOPE, ALABAMA
November 2015

EXHIBIT #2B

Night Radiation Limit Report for WXQW

WXQW - 660 kHz

North Latitude: 30° 35' 51" - West Longitude: 87° 52' 57"

Radiation limits above 300.0 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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WSM (210)	US	TN	NASHVILLE	359.9	17.8	28.4	168.8
WSM (205)	US	TN	NASHVILLE	2.1	18.1	28.9	165.3
WSM (200)	US	TN	NASHVILLE	4.4	18.4	29.2	162.7
WSM (195)	US	TN	NASHVILLE	6.8	18.5	29.4	161.1
WSM (190)	US	TN	NASHVILLE	9.2	18.6	29.5	160.6
WSM (185)	US	TN	NASHVILLE	11.6	18.3	29.1	163.7
WSM (180)	US	TN	NASHVILLE	13.8	17.9	28.6	166.9
WSM (175)	US	TN	NASHVILLE	15.8	17.6	28.2	170.6
WSM (170)	US	TN	NASHVILLE	17.6	17.2	27.6	174.9
WSM (165)	US	TN	NASHVILLE	19.3	16.8	27.1	179.7
WSM (160)	US	TN	NASHVILLE	20.7	16.4	26.5	185.0
WSM (155)	US	TN	NASHVILLE	22.0	15.9	25.8	191.0
WSM (150)	US	TN	NASHVILLE	23.1	15.5	25.2	197.4
WSM (145)	US	TN	NASHVILLE	24.1	15.0	24.5	204.3
WSM (140)	US	TN	NASHVILLE	24.9	14.6	23.9	211.7
WSM (135)	US	TN	NASHVILLE	25.5	14.1	23.2	219.4
WSM (125)	US	TN	NASHVILLE	26.4	13.3	22.0	236.0
WSM (250)	US	TN	NASHVILLE	350.3	13.8	22.8	225.6
WSM (240)	US	TN	NASHVILLE	351.4	14.8	24.2	207.6
WSM (235)	US	TN	NASHVILLE	352.3	15.3	25.0	199.3
WSM (230)	US	TN	NASHVILLE	353.4	15.9	25.8	191.7
WSM (225)	US	TN	NASHVILLE	354.7	16.4	26.5	184.8
WSM (220)	US	TN	NASHVILLE	356.2	16.9	27.2	178.6
WSM (215)	US	TN	NASHVILLE	358.0	17.4	27.8	173.3
WFAN (280)	US	NY	NEW YORK	17.4	3.3	7.4	91.9
WFAN (275)	US	NY	NEW YORK	18.0	3.9	8.1	82.8
WFAN (270)	US	NY	NEW YORK	19.0	4.4	8.9	74.5
WFAN (265)	US	NY	NEW YORK	20.4	5.0	9.8	67.0
WFAN (260)	US	NY	NEW YORK	22.3	5.6	10.6	60.4
WFAN (285)	US	NY	NEW YORK	22.4	2.7	6.5	138.8
WFAN (255)	US	NY	NEW YORK	24.8	6.2	11.5	54.6
WFAN (305)	US	NY	NEW YORK	25.9	1.4	4.7	233.7
WFAN (310)	US	NY	NEW YORK	27.1	1.2	4.4	264.8
WFAN (250)	US	NY	NEW YORK	28.0	6.8	12.4	49.7
WFAN (245)	US	NY	NEW YORK	31.9	7.3	13.2	45.8
WFAN (240)	US	NY	NEW YORK	36.4	7.8	13.9	42.9
WFAN (235)	US	NY	NEW YORK	41.5	8.1	14.4	41.0
WFAN (230)	US	NY	NEW YORK	47.0	8.2	14.5	40.3
WFAN (225)	US	NY	NEW YORK	52.5	8.1	14.4	40.7
WFAN (220)	US	NY	NEW YORK	57.7	7.8	14.0	42.1
WFAN (215)	US	NY	NEW YORK	62.5	7.4	13.3	44.7
WFAN (205)	US	NY	NEW YORK	64.2	5.3	10.2	74.8
WFAN (200)	US	NY	NEW YORK	64.6	4.6	9.2	91.7
WFAN (210)	US	NY	NEW YORK	65.9	6.6	12.2	50.7
WORL	US	FL	ALTAMONTE SPRIN	106.9	10.7	18.2	170.6
KSKY	US	TX	BALCH SPRINGS	290.0	7.1	12.9	139.5

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WXQW AM RADIO STATION
has: 660 kHz - 0.85/10.0 kW - DAN
req: 660 kHz - 0.18/10.0 kW - DAN
FAIRHOPE, ALABAMA

November 2015

EXHIBIT #2C

Nighttime Interference Free Contour Calculation

WXQW - 660 kHz - FAIRHOPE, AL, US - Hours: N
 North Latitude: 30° 35' 51" - West Longitude: 87° 52' 567"

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

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min Max (deg) (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WFAN	0660	NEW YORK	NY	US	1704.9	232.4	1.0 4.1	2684.61	16.74	8.990	100.0	8.990
WSM	0650	NASHVILLE	TN	US	608.8	189.9	11.9 20.1	2535.72	93.68	4.751	52.8	10.168 *
----- 50 % -----												
----- 25 % -----												
KSKY	0660	BALCH SPRINGS	TX	US	898.1	105.2	7.1 12.9	176.78	54.48	1.926	18.9	10.349
WSCR	0670	CHICAGO	IL	US	1260.5	179.2	3.7 7.9	2657.57	28.99	1.541	14.9	10.463
HCLG2-A	0660	GUAYAQUIL	EC		3743.7	347.5	0.0 0.0	978.60	7.68	1.503	14.4	10.571
CB 66-A	0660	SANTIAGO 13	CI		7351.4	343.9	0.0 0.0	2675.13	2.73	1.461	13.8	10.671
XEDTL/A	0660	SAN LORENZO TEZON	DF	MX	1684.4	39.7	1.1 4.3	294.91	23.65	1.395	13.1	10.762
WORL	0660	ALTAMONTE SPRINGS	FL	US	665.7	290.1	10.7 18.2	73.25	84.21	1.234	11.5	10.832
XEEY/A	0660	JALPA	ZA	MX	1757.4	53.5	0.7 3.8	278.12	21.30	1.185	10.9	10.897
HIAM-C	0660	SANTIAGO 10	DR		2125.5	309.1	0.0 1.6	358.40	15.40	1.104	10.1	10.953

* - Nighttime Interference Free Contour