

**Engineering Statement
In Support of an
Application for a Construction Permit
WJRL-FM, Channel 280C2, Fort Rucker, Alabama**

**WJRL-FM Channel 280C2 Channel Spacing/Allocation Study
(Using the proposed tower site as reference)**

REFERENCE		DISPLAY DATES
31 18 52.0 N.	CLASS = C2	DATA 11-15-12
85 35 49.0 W.	Current Spacings to 3rd Adj.	SEARCH 11-15-12
----- Channel 280 - 103.9 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WJRL-FM	LIC-N 280C3	Fort Rucker	AL	12.7	14.30	176.5 -162.2
AL8979	RSV-A 280C3	Fort Rucker	AL	21.1	15.22	176.5 -161.3

Of no concern:
Coordinates used by WJRL-FM.

WAAO-FM	LIC	279A	Andalusia	AL	272.3	82.88	105.5	-22.6
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Of concern:
WAAO-FM moves to channel 229A in the instant application.

WWEO-LP	LIC	280L1	De Funiak Springs	FL	217.3	80.26	90.5	-10.2
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Of note:
Suggest that WWEO-LP move to channel 267L1.

WGLF	LIC	281C0	Tallahassee	FL	122.0	179.27	175.5	3.8
WHLW	LIC-N	282C1	Luverne	AL	324.1	90.72	78.5	12.2
WDLT-FM	LIC-N	281C	Saraland	AL	248.7	210.58	187.5	23.1
WLTC	LIC	279C3	Cusseta	GA	27.7	143.54	116.5	27.0
WMXS	LIC	277C	Montgomery	AL	335.1	133.42	104.5	28.9
WBBK-FM	LIC-N	226C2	Blakely	GA	91.8	51.62	19.5	32.1
WQXZ	LIC	280C3	Hawkinsville	GA	62.5	208.94	176.5	32.4
WTID	CP -N	280C3	Thomaston	AL	298.1	218.99	176.5	42.5
WKNK	LIC	278C1	Callaway	FL	175.6	126.04	78.5	47.5

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**WAAO-FM Channel 229A Channel Spacing/Allocation Study
(Using the licensed WAAO-FM site as reference)**

REFERENCE		DISPLAY DATES
31 20 27.0 N.	CLASS = A	DATA 11-15-12
86 28 02.0 W.	Current Spacings to 3rd Adj.	SEARCH 11-15-12
----- Channel 229 - 93.7 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
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WDBT	LIC	229C1	Hartford	AL	124.1	58.48	199.5	-141.0
Of concern:								
WDBT moves to channel 228A at Hope Hull, AL in a contingent application (see below).								

WMJY	LIC-Z	229C	Biloxi	MS	246.7	234.82	225.5	9.3
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WDBT	APP	228A	Hope Hull	AL	8.0	91.48	71.5	20.0
Of note:								
Application coordinates of WDBT (32-09-28/86-19-54).								

WDJC-FM	LIC	229C0	Birmingham	AL	350.7	236.36	214.5	21.9
R11730	VAC	230A	Camden	AL	312.3	101.72	71.5	30.2
1505519	RSV-A	228A	Pike Road	AL	18.5	105.39	71.5	33.9
R15082	ADD	228A	Pike Road	AL	18.5	105.39	71.5	33.9
WQZX	LIC	232A	Greenville	AL	348.4	64.57	30.5	34.1
WTGZ	LIC	230C3	Union Springs	AL	34.5	131.96	88.5	43.5
WNCV	LIC-N	227C2	Shalimar	FL	188.2	104.20	54.5	49.7

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**WWEO(LP) Channel 267L1 Channel Spacing Study
[Using the licensed WWEO(LP) site as reference]**

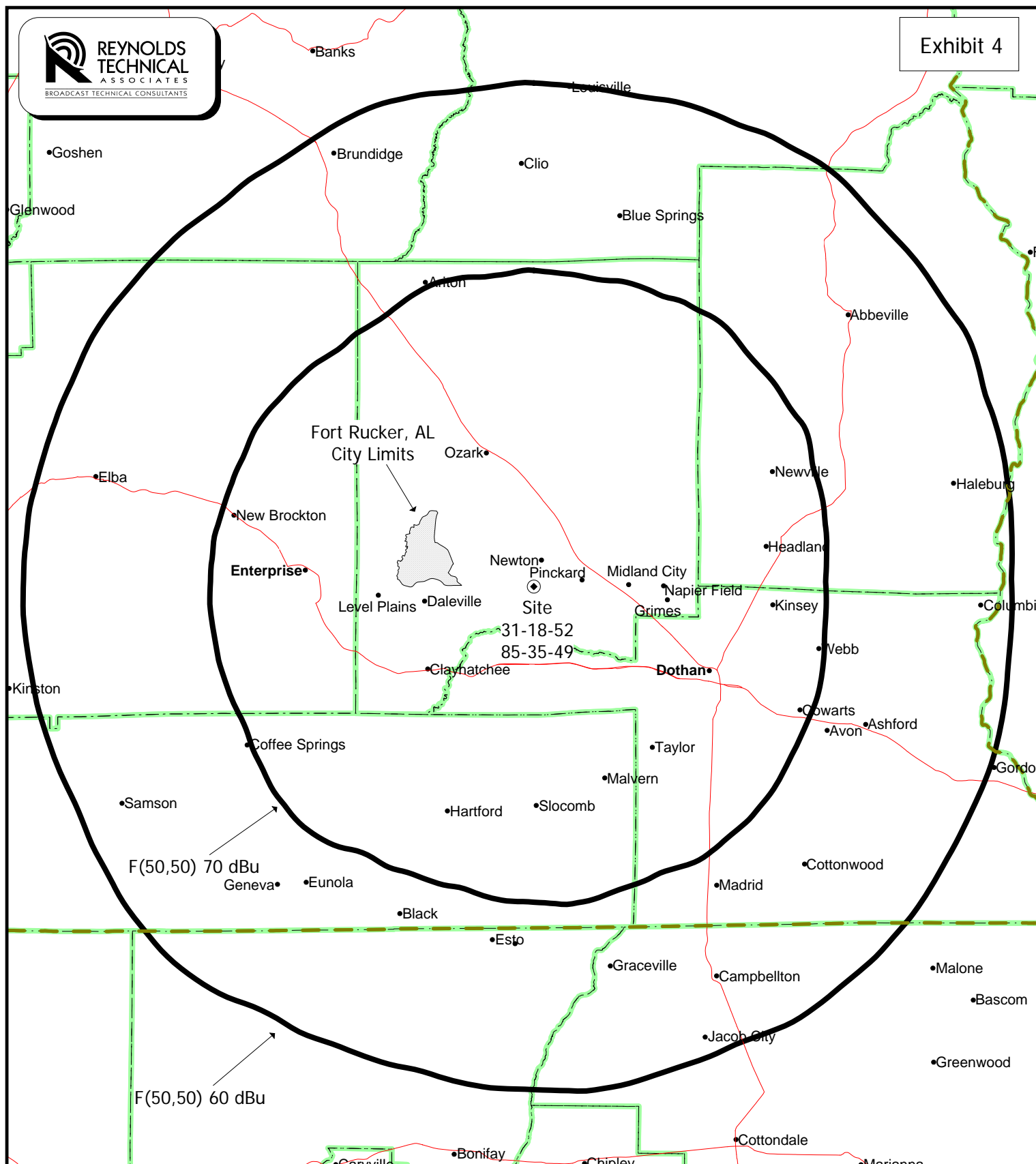
REFERENCE		DISPLAY DATES
30 44 18.0 N.	CLASS = L1	DATA 11-15-12
86 06 22.0 W.	Current Spacings to 3rd Adj.	SEARCH 11-15-12
----- Channel 267 - 101.3 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WYOO	LIC-Z 266C3	Springfield	FL 153.4	69.39	66.5	2.9
WVVL	LIC 266A	Elba	AL 10.6	75.93	55.5	20.4
WAGF-FM	LIC 267A	Dothan	AL 54.8	89.81	66.5	23.3
WTKX-FM	LIC-N 268C	Pensacola	FL 264.8	144.55	119.5	25.1
WTOT-FM	LIC 269A	Graceville	FL 67.2	62.96	28.5	34.5
WKGC-FM	LIC 214C1	Panama City	FL 139.0	65.00	19.5	45.5



REYNOLDS
TECHNICAL
ASSOCIATES
BROADCAST TECHNICAL CONSULTANTS

Exhibit 4

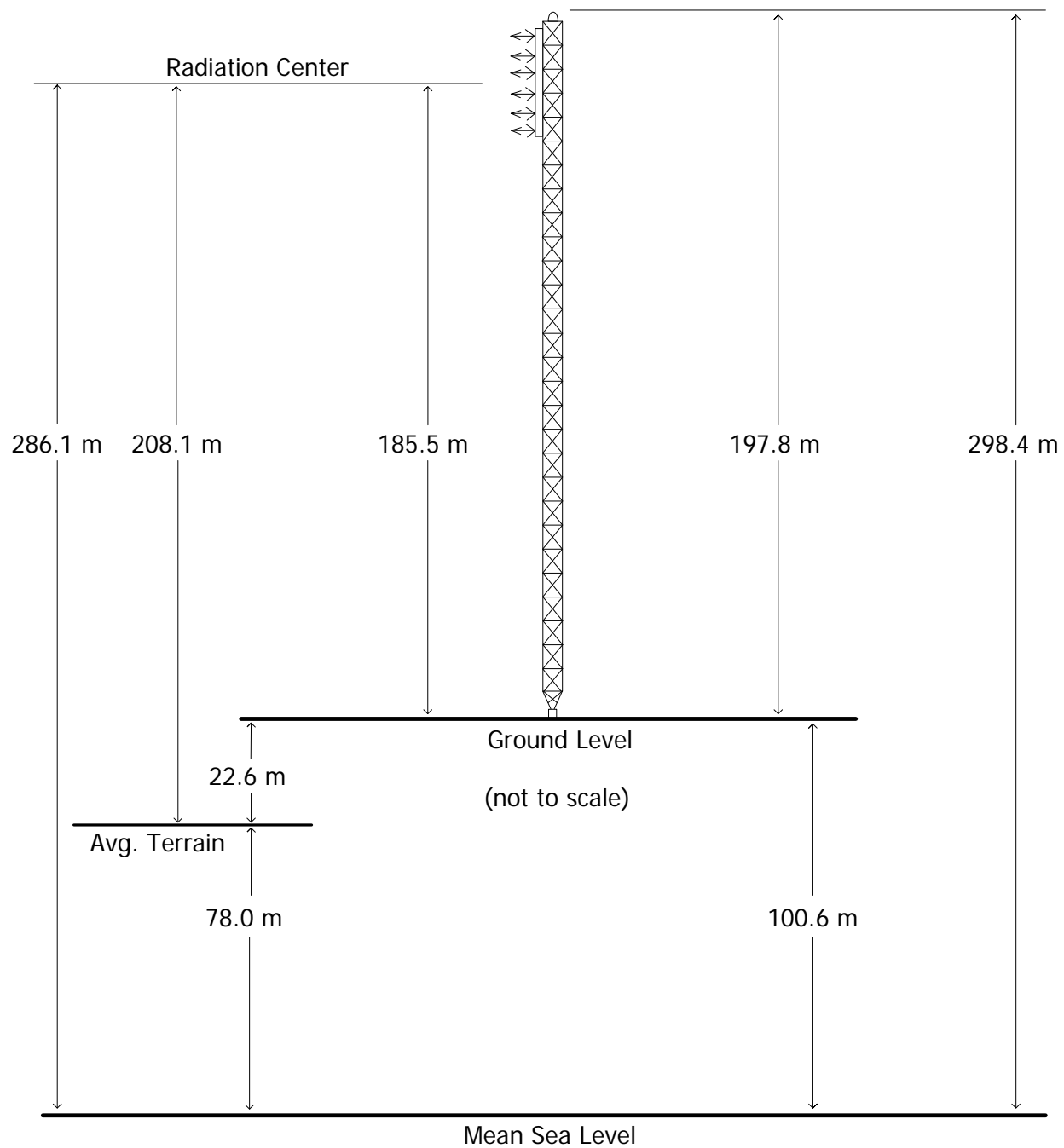


0 20 40
kilometers

PREDICTED COVERAGE CONTOURS

RADIO STATION WJRL-FM
FORT RUCKER, ALABAMA
CH 280C2 26 KW 208.1 M

**WJRL-FM, Fort Rucker, AL
Tower Vertical Sketch**



NAD 27
Site Coordinates:
31° 18' 52"
85° 35' 49"