

Date: 5-5-2022

To: Federal Communications Commission

From: Radio Station WKQK-AM
City of License: Cocoa Beach, FL

Re: STA Request for Resumption of Broadcasting
from a Temporary Location at Reduced Power, using a Long-Wire Antenna

Having lost our tower site for WKQK and having to temporarily go dark earlier this year, please find attached our STA request to resume broadcasting from a temporary location at reduced power using a long-wire antenna while we work to find a suitable new tower site for the station.

Granting of this STA will allow us to continue to serve the community as it has since 1959.

Thank you for your kind assistance in this matter,

Susan Standley, Operations Manager
Radio Station WKQK-AM
321 Corporation

**WKQK
Cocoa Beach, FL
1300 kHz
55005**

BLSTA - 20220112AAN - Amendment

APPLICATION FOR ENGINEERING STA

Amended STA filed via email in accordance with Commission procedures. In the absence of a form, the following information is provided in an attempt to fulfill STA filing requirements.

Applicant:

**321 Corporation
P. O. Box 561028
SusanStandley@321Corp.com
321-501-6102**

**WKQK 1300 kHz
Facility #55005
FRN 0024882318**

Purpose:

The applicant has lost the licensed site for WKQK and must operate from a temporary site under an STA until a permanent location can be obtained and appropriate applicants filed.

Certification:

The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.

**W. F. Standley III, President
321 Corporation**

Technical data and exhibits for requested STA:

WKQK

1300 kHz

Facility # 55005

0.5 kW Day/ 0.250 kW Night

Antenna efficiency worst case is 232.8 mV/m/km/kW

Site: N 28-18-42.8 W 80-42-20.5 (NAD27)

Antenna type: 100-foot-long wire dipole mounted 30 feet above ground and suspended between two wooden poles.

This Technical Report is provided in support of an application for an STA for station WKQK on 1300 kHz (FCC facility # 55005). An STA is requested to operate at a temporary site with 500 Watts Day and 250 Watts Night by exciting a 100-foot-long wire dipole.

The following exhibits are provided:

- Vertical sketch
- Map demonstrating that the STA 0.5 mV/m is contained with the licensed 0.5 mV/m
- Night interference study

RF determination:

The 0.5 kW, 100-foot-long wire is 30 feet above ground. It will clearly pose no RF exposure beyond general population limits since a 100-foot-long (0.132λ) antenna would only require a fence within 1 meter or less based on the Commission's RF table from form 301.

TABLE 2. Predicted Distances for Compliance with FCC Limits: 0.21-0.4 Wavelength

Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
Predicted Distance for Compliance with FCC Limits (meters)				
535-740	4	2	2	1
750-940	4	2	2	1
950-1140	4	2	2	1
1150-1340	4	2	2	1
1350-1540	4	2	2	1
1550-1705	5	2	2	1

If any additional technical information is required, please contact us.

Susan Standley, 321 Corporation

Operations Manager, Radio Station WKQK

SusanStandley@321Corp.com -- 321-501-6102

EXHIBIT A

The WKQK 1300 Khz STA antenna is a 100-foot-long wire dipole stretched between two poles 30 feet above ground level.

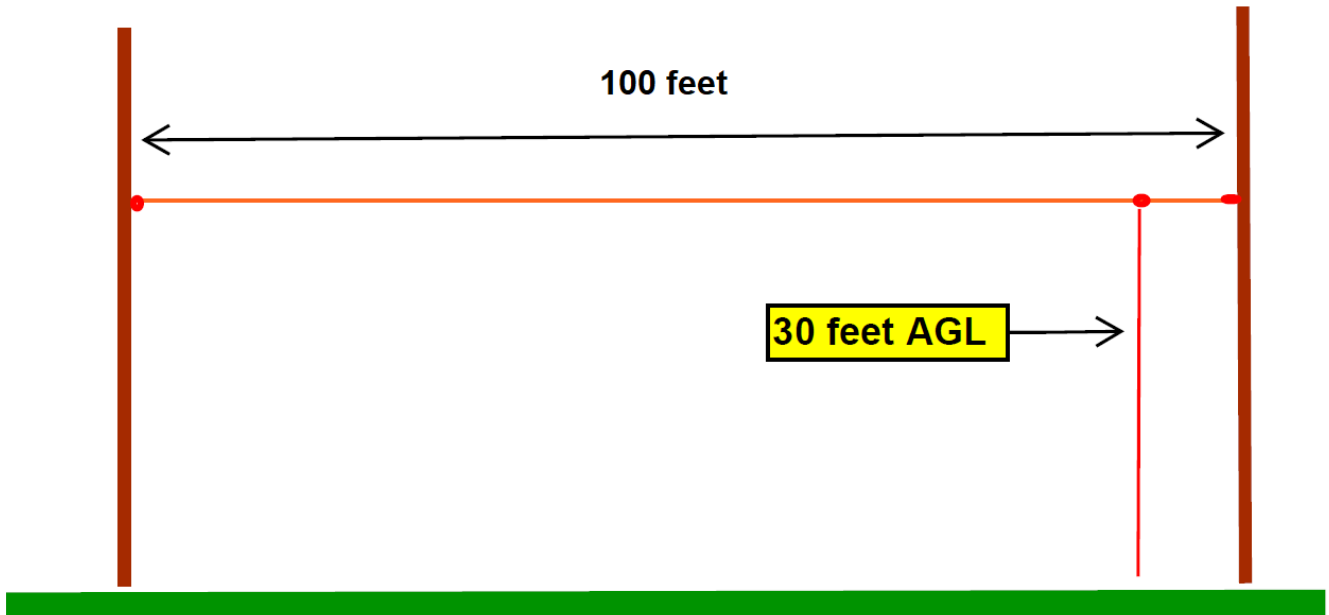


EXHIBIT B

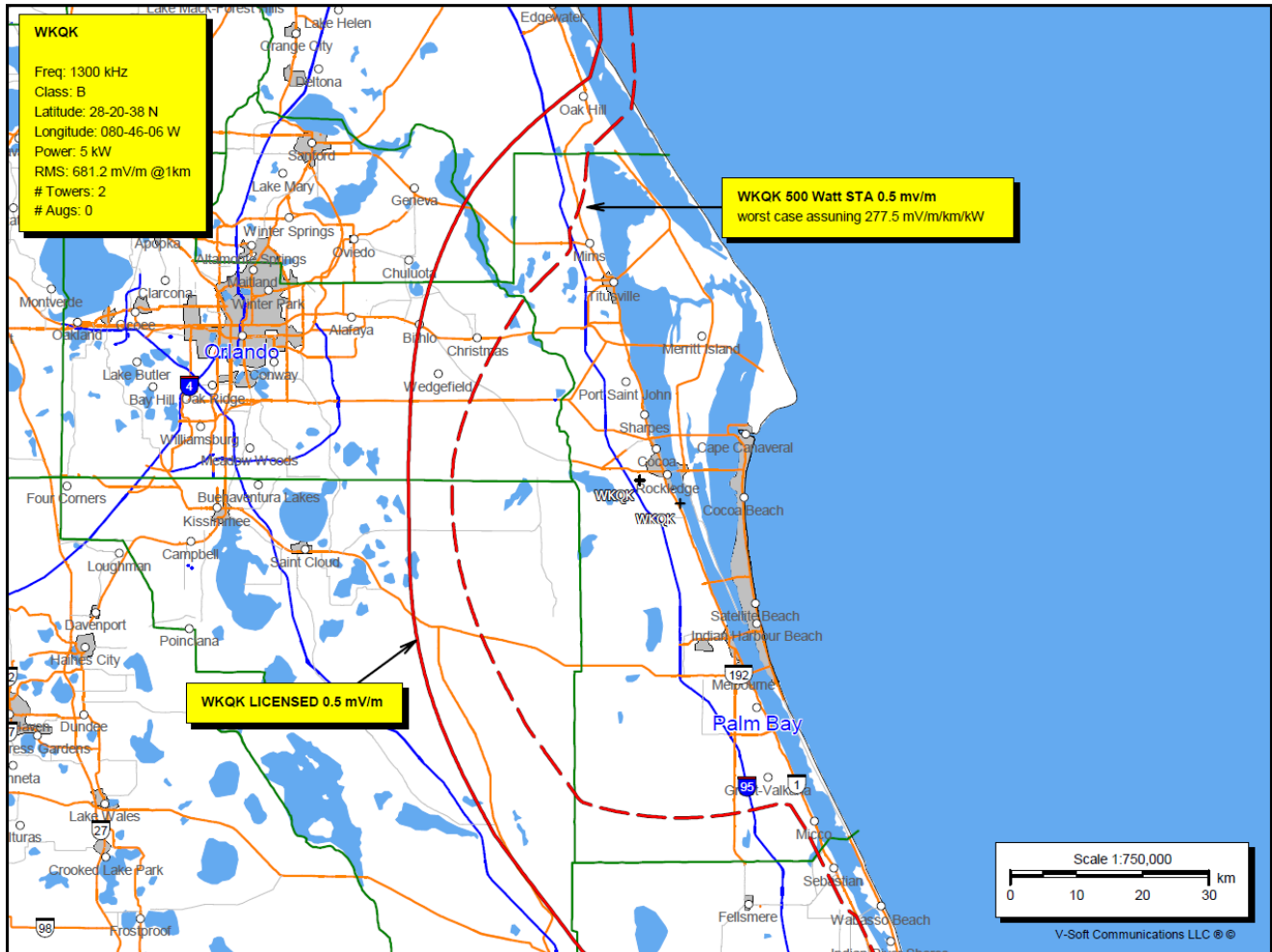


EXHIBIT C

COCOA BEACH, FL, US

Hours: D

Lat: 28-18-42.80 N

Lng: 080-42-20.50 W

Power: 0.24 kW

Theo RMS: 277.48 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	47.5	0	0	0.0	0.0	0.0	0.0

Call Letters	Ct St City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WOAD	US MS JACKSON	45.71	1.261	137.99	135.16	2.83
50% = 3.174, 25% = 5.177; WDXI=2.31 WNQM=2.18 XECPAD/A=1.51 HJOG-A=1.43 XEGA/A=1.39 XE/A=1.37 KCSF=1.36 XEKW/A=1.33 XEDG/A=1.32 KHTW=1.29 XEHU/A=1.26						
WFFG	US FL MARATHON	162.19	4.428	136.49	127.98	8.52
50% = 7.307, 25% = 9.671; WKQK=4.43 WNQM=4.39 HJOG-A=3.81 WSYD=3.22 WLXG=3.00 XE/A=2.75 WJNO=2.65 HJEA-A=2.47						
CMEL-D	CU SANTA CLARA	41.55	1.256	151.18	130.98	20.19
50% = 2.512, 25% = 3.455; HJOG-A=1.74 WFFG=1.30 XE/A=1.26 WNQM=1.23 HRLH-A=1.11 XERB/A=1.04 WSYD=1.00 YNR-A=0.89						
WJZ	US MD BALTIMORE	29.73	1.030	173.19	135.65	37.54
50% = 2.898, 25% = 4.119; WJMO=1.71 WFBG=1.70 WOAD=1.61 WAVZ=1.36 WLXG=1.30 WODS=1.25 WHIO=1.12 WFFG=1.07 KAKC=1.04						
WNQM	US TN NASHVILLE	42.17	2.135	253.21	135.26	117.95
50% = 6.805, 25% = 8.542; WOAD=6.81 KAKC=3.30 WSYD=3.13 WOOD=2.45						
WJNO	US FL WEST PALM BEACH	316.68	1.974	311.69	104.11	207.58
50% = 7.036, 25% = 7.896; WTKS=4.09 YVLF-A=3.36 YVFF-A=3.35 HJEB-A=3.20 HJOI-A=2.95 HJHI-A=2.04						
WJMO	US OH CLEVELAND	23.29	1.858	398.80	135.80	263.00
50% = 5.417, 25% = 7.431; WLXG=4.84 WOOD=2.43 WJZ=2.27 WXRL=2.22 WHIO=2.09 WOAD=2.00 WNQM=1.93 WODS=1.92						
WLXG	US KY LEXINGTON	36.30	3.099	426.81	135.45	291.36
50% = 10.162, 25% = 12.395; WNQM=7.69 WOOD=6.64 WSYD=4.46 WOAD=3.99 WRDZ=3.81						