

From: [Chris Wheatley](#)
To: [Lindsay \(US\), Allen S](#)
Subject: [EXTERNAL] RE: Boeing Coordination Request FCC application 0676-EX-CN-2021
Date: Wednesday, September 15, 2021 6:58:23 AM
Attachments: [image001.png](#)
[image006.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)

EXT email: be mindful of links/attachments.

Allen, I recommend that you go ahead and file the application with the FAA approval. I will forward the request to ASRI management but it might create a delay. I will get back to you.

ASRI really has no authority over frequencies between 136.000-136.475 MHz. The ASRI 136 band is between 136.500-136.975 MHz.

Chris

From: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Sent: Wednesday, September 15, 2021 9:42 AM
To: Chris Wheatley <ccw@asri.aero>
Subject: RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

FYI – see attached, this is from FCC.

V/r
AL

From: Chris Wheatley [<mailto:ccw@asri.aero>]
Sent: Wednesday, September 15, 2021 5:48 AM
To: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Subject: [EXTERNAL] RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

EXT email: be mindful of links/attachments.

Thanks Allen, can you remind me who said you needed ASRI concurrence for frequency 136.250? I think FAA approval is all that you should need.

Chris

From: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Sent: Wednesday, September 15, 2021 8:42 AM
To: Chris Wheatley <ccw@asri.aero>
Subject: RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

Chris

See attached for FAA coordination.

Thanks

V/r
AL

From: Chris Wheatley [<mailto:ccw@asri.aero>]
Sent: Thursday, September 02, 2021 7:10 AM
To: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Subject: [EXTERNAL] RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

EXT email: be mindful of links/attachments.

Allen, one other thing I noticed is that you have a voice emission of 6K00A3E. It's my understanding that going forward no voice emissions will be authorized in the 136 band. This band is reserved for VDL Mode2 datalink. Again, let's see what the FAA says first.

Chris

From: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Sent: Thursday, September 2, 2021 9:42 AM
To: Chris Wheatley <ccw@asri.aero>
Subject: RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

Chris

I have FAA coordination in work, however, the FCC inquiry asked that I get something from you as well. See attached. Please advise.

Thanks

V/r
AL

From: Chris Wheatley [<mailto:ccw@asri.aero>]
Sent: Thursday, September 02, 2021 6:23 AM
To: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Subject: [EXTERNAL] RE: Boeing Coordination Request FCC application 0676-EX-CN-2021

EXT email: be mindful of links/attachments.

Allen, ASRI does not have authority to assign 136.250 MHz without FAA approval.

ASRI frequencies are between in the upper 136 band are between 136.500-136.975 MHz.

I suggest you contact Lorena Carvajal with the FAA: Lorena.Carvajal@faa.gov to request the frequency.

Christopher Wheatley / Aviation Spectrum Resources Inc. (ASRI®)
Frequency Management
180 Admiral Cochrane Drive, Suite 300, Annapolis, MD 21401
Phone: +1 443-951-0344 Fax: +1 443-951-0349
Website: www.asri.aero

From: Lindsay (US), Allen S <allen.s.lindsay@boeing.com>
Sent: Thursday, September 2, 2021 9:04 AM
To: Chris Wheatley <ccw@asri.aero>
Subject: Boeing Coordination Request FCC application 0676-EX-CN-2021

Chris

I need concurrence for 136.25 MHz at San Antonio, TX for some antenna testing, FCC file application 0676-EX-CN-2021. See below for technical description. Please contact me if there are any issues.

Thanks

The Boeing Company is requesting an experimental license to support Japan AWACS Electronic Control Measures (ECM) testing. The purpose of this procedure is to perform check out of the Japan 767 MCU modification of ESM hardware/software.

OPERATION OVERVIEW

Manufacturer:	RCW
Model:	AN/ARC-166; AN/ARC-186; AN/ARC-210
Frequencies:	136.250 MHz
Emissions:	6K00A3E
Effective Radiated Output:	25 W
Station Class:	FX

STOP BUZZER POINT OF CONTACT:

Gregg Allred 206-877-3072

LOCATIONS:

Boeing Facility, San Antonio, TX

29-22-10N; 98-34-07W
Radius: 1Km

V/R

AL

// SIGNED //

Allen "Al" S. Lindsay, SR, MBA
Spectrum Manager/ Civil & DoD Programs/ Global Spectrum Management
Government Operations, Federal Legislative Affairs
email address: allen.s.lindsay@boeing.com
(425)237-9168 office
206-218-8568 cell



“This message contains information that may be proprietary and or privileged. Unless you are the addressee (or authorized to receive mail for the addressee), you should not use, copy or disclose to anyone this message or any information contained in this message. If you have received this message in error, please so advise the sender by reply e-mail and delete this message.”

Be informed, don't be influenced

From: Chris Wheatley [<mailto:ccw@asri.aero>]
Sent: Thursday, August 10, 2017 12:38 PM
To: Lindsay, Allen S <allen.s.lindsay@boeing.com>
Subject: RE: Boeing Coordination Request FCC application 0658-EX-CN-2017

Al, here is a concurrence letter per your request.

Christopher Wheatley / Aviation Spectrum Resources Inc. (ASRI)
Frequency Management
180 Admiral Cochrane Drive, Suite 300, Annapolis, MD 21401
Phone: +1 443-951-0344 Fax: +1 443-951-0349
Website: www.asri.aero

NOTICE: This communication, including attachments, is for the exclusive use of addressee and may contain proprietary, confidential and/or privileged information. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Lindsay, Allen S [<mailto:allen.s.lindsay@boeing.com>]

Sent: Monday, August 07, 2017 10:54 AM

To: Chris Wheatley <ccw@asri.aero>

Subject: Boeing Coordination Request FCC application 0658-EX-CN-2017

Chris

This is an Experimental 2 yr request that I coordinated with you under STA application file number 0016-EX-ST-2017, call sign WK9XTD. Please advise. Thanks

TEST DESCRIPTION:

The Boeing Company requests the following frequencies (see below) to support and properly run an EME Certification Ground Test and verify no Electromagnetic Interference (EMI). The KC-46A LRU box level qualification data and co-site analysis shows that these specific transmission frequencies have a higher potential of causing EMI (which is why it is critical we verify these specific frequencies do not cause interference at the A/C level). For each of these frequencies, we plan to transmit on the specified Nav/Comm radio for 1-2 minutes, and verify it does not interfere with other systems on the A/C at this specific frequency.

Equipment: AN/ARC-210; VHF-2100

FREQUENCIES REQUESTED:

130.250, 130.275, 130.300, 130.325, 130.350,
131.200, 131.225, 131.25, 131.275, 131.300 MHz

ERP: 15W

Emission: 14K00G1D

STOP BUZZER POINTS OF CONTACT:

Stop Buzzer POC: Thomas Chan, 206-662-0950

LOCATION:

Ground tests will be conducted at the locations below
Paine Field, Everett WA - 475349N 1221645W

V/R

AS

// SIGNED //

Allen "Al" S. Lindsay, SR, MBA



Spectrum Manager/ Civil & DoD Programs

U.S. Spectrum Management

(SFC, USA, Retired D9)

(206)544-6053 (v) (206)662-0701(f)

Secure Fax: (206) 662-2112

email address: allen.s.lindsay@boeing.com

<http://cfms.web.boeing.com/help/1.1.htm>

<http://cfms.web.boeing.com/Index.aspx>

"This message contains information that may be proprietary and or privileged. Unless you are the addressee (or authorized to receive mail for the addressee), you should not use, copy or disclose to anyone this message or any information contained in this message. If you have received this message in error, please so advise the sender by reply e-mail and delete this message."

"Too often, we judge other groups by their worst examples, while judging ourselves by our best intentions." Bush, 2016