

From: David Siddall

To: Web Filer

Date: December 14, 2017

Subject: 1775-EX-ST-2017 pre-coordination data request

Message:

FAA coordination was obtained for an identical 6-month STA, 0768-EX-ST-2017, WL9XKN, which will expire on Dec. 27, 2017. An additional request has been made to the FAA coordinate a longer-term experimental license, which is pending. The authority sought in this application is for a 3-month term to allow testing to continue while the longer-term request is addressed. The details of the earlier coordination are reproduced below and are agreed to by the applicant.

----- Original Message -----

Subject: EXT :RE: 0768-EX-ST-2017 / COB June 15, 2017

From: "Thomas.Ahn@faa.gov"

Date: Tue, June 20, 2017 1:25 pm

To: "FAB@ntia.doc.gov"

Cc: "Robert.CTR.Steffen@faa.gov" ,

"donald.nellis@faa.gov" , "rodney.murphy@faa.gov"

, "Nekula, Kevin [US] (MS)"

The 3rd condition should be modified as follow way:

“3. The outdoor (free space) test is to have all elements powered on and the resultant beam shape confirmed, and evaluate the capability of the power system and controls”

Sincerely

Thomas Ahn (AJW-1C2)

FAA Spectrum Assignment and Engineering

202-267-4909

From: Ahn, Thomas (FAA)

Sent: Tuesday, June 20, 2017 10:40 AM

To: FAB

Cc: Steffen, Robert CTR (FAA); Nellis, Donald (FAA); Murphy, Rodney (FAA); 'Nekula, Kevin [US] (MS)'

Subject: RE: 0768-EX-ST-2017 / COB June 15, 2017

FAB

The FAA can agree the STA if the following conditions are implemented.

1. The EIRP must be less than 10 Watts.
2. The test is an internal R&D development to evaluate power control and beam shape confirmation for Broadside-to-Endfire array (AESA) , and the future platform must not be mobile airborne platform for the 1250-1340MHz band..
3. The measurement must be conducted one element at a time, and minimize full array radiation.
4. The direction of transmission is 120 deg reference to true north.

Sincerely

Thomas Ahn (AJW-1C2)

FAA Spectrum Assignment and Engineering
202-267-4909

From: Murphy, Rodney (FAA)
Sent: Thursday, June 15, 2017 3:11 PM
To: FAB
Cc: Steffen, Robert CTR (FAA); Nellis, Donald (FAA); Ahn, Thomas (FAA)
Subject: RE: 0768-EX-ST-2017 / COB June 15, 2017

The FAA requires more information before we can give concurrence upon 0768-EX-ST-2017. Please contact Thomas Ahn and provide the following:

- Is this for either domestic or foreign requirements?
- What is the platform for this testing?

Rodney Murphy
Federal Aviation Administration
Spectrum Engineering and Policy
Fixed/Land Mobile,UAS, Satellite, Experimentals
FAA FAS Representative
202-267-9501

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