

Douglas Young

From: Douglas Young
Sent: Thursday, March 27, 2014 3:41 PM
To: Anthony Asongwed
Cc: Brett Greenwalt; OET-SCB; SCB-STA
Subject: STA Coordination, SRC, Inc., File #0232-EX-ST-2014
Attachments: 0232-EX-ST-2014.RTF; 146965.PDF; 146966.PDF

Tracking:	Recipient	Read
	Anthony Asongwed	Read: 3/27/2014 4:12 PM
	Brett Greenwalt	
	OET-SCB	
	SCB-STA	

Anthony,

Attached is a coordination and supporting documentation for the subject experimental STA. The requested start date is **05/01/2014**. This request is for testing GMTI performance of a prototype radar between **05/01/2014** and **08/31/2014**.

Doug

FCC FREQUENCY COORDINATION NOTICE

Experimental Licensing Branch Office of Engineering and Technology

The following application is attached for your review:

Applicant: SRC, Inc.
File Number: 0232-EX-ST-2014

Start Date: 5/1/2014 **End Date:** 8/31/2014

Why STA Is Necessary:

Operation of an airborne X Band GMTI Radar for the purpose of testing GMTI performance of a prototype radar

Purpose of Operation:

Testing GMTI performance of a prototype radar.

Contact: Anthony Cimo
Phone: 315-452-8114
Email: cimo@srcinc.com
Nature of Service: EXPERIMENTAL
Class of Station: XT MO
Call Sign: WG2XNP

Station Location

MOBILE: Ft Irwin, CA: altitude up to 8200 ft., within 40 km, centered around NL 35-18-21; WL 116-37-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10.5 GHz	MO	400MQ3N	1.537kW (ERP)	

FCC Application for Experimental License

File Number: 0232-EX-ST-2014

Exhibit 1: Information on Experiment**Purpose of Experiment**

SRC respectfully requests the Federal Communications Commission to grant us an Experimental License for the operation of an airborne X Band GMTI Radar for the purpose of testing GMTI performance of a prototype radar. The period of time SRC will be requesting our Experimental License is from 5/1/2014 through 8/31/2014.

Operating Location

The X Band GMTI Radar will be operated on an aircraft 2500 meters above ground level within the 40 km (25 mi) radius of operation. The coordinates SRC will use for the center of operation are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Ft Irwin CA	35°18'20.78"N	116°37'48.31"W	740 m (2427 ft)	40 km (25 miles)

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Exhibit 2: Cease Buzzer for Experiment

SRC understands that operation will be on a secondary non-interference basis. In the event interference complaints were to occur, SRC has taken preventative measures to cease and desist from transmission until they can be resolved. SRC has established a Cease Buzzer point of contact to quickly react with any interference complaints that are the result of our system. The point of contact for the SRC Cease Buzzer is:

Point of Contact	Telephone Number
Cease Buzzer	202-577-1708
Cease Buzzer	315-452-8114