

FORM NTIA-44 (3/91)	<b>U.S. DEPARTMENT OF COMMERCE NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION</b>	Classification  <b>UNCLASSIFIED</b>	Control Number Doc. 41905/1 SPS-21612/1
<b>CERTIFICATION OF SPECTRUM SUPPORT</b>			

Recipient Agency Navy	System <b>Split Aces IMSAR Ku-Band SAR</b>	Stage of Review 3 – Developmental
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**Section 1: OPERATING CHARACTERISTICS FOR WHICH SUPPORT IS CERTIFIED**

Frequency (GHz)	Emission	Peak Power (W)	Station Class (Stage 4)	Operating Location
15.7-17.7	189MF3N 629MF3N 1G26F3N 1G89F3N	1	MR	Fort Huachuca, AZ Yuma Marine Corps Air Station, AZ Camp Pendleton Marine Corps Base, CA China Lake Naval Weapons Center, CA Twentynine Palms Marine Corps, CA Avon Park Air Force Bombing Range, FL Camp Atterbury Military Reservation, IN Patuxent River, MD Atlantic Field Marine Corps Air Station, NC Camp Lejeune Marine Corps Base, NC Cherry Point Marine Corps Air Station, NC Boardman Naval Bombing Range, OR Dugway Proving Grounds, UT Springville, UT

**Section 2: SOURCE DOCUMENTS**

Docket Number	Description of Document	Dated
SPS-21021/2 SPS-21414/1	Navy Replacement Request for Stage 3 System Review NTIA Preliminary Assessment	December 1, 2015 December 9, 2015

**Section 3: SPECTRUM PLANNING SUBCOMMITTEE (SPS) RECOMMENDATIONS**

The SPS reviewed this system under the provisions of Chapter 10 of the NTIA Manual and recommends that:

1. NTIA certify Stage 3 spectrum support for the Split Aces IMSAR Ku-Band SAR as specified in Section 1.
2. Navy ensure that the Split Aces IMSAR Ku-Band SAR shall have the capability to cease operation in the band 15.7-16.2 GHz when within a distance of 4 km from an Airport Surface Detection Equipment 3 (ASDE-3) radar, in accordance with Section 8.2.46 of the NTIA Manual.
3. Navy be aware that operations of this system are on a secondary basis to non-federal fixed-satellite and broadcasting-satellite service operations in the band 17.3-17.7 GHz; therefore, it may be difficult or impossible to successfully coordinate assignments within these bands at some locations.
4. Navy be aware that should higher power operations of this system be necessary Split Aces must not exceed an e.i.r.p greater than 51 dBW in the frequency band 17.3-17.7 GHz, in accordance with Footnote US259 to the National Table of Frequency Allocations.
5. Navy protect personnel from radiation levels that exceed generally accepted exposure criteria.

Name/Title of Recommending Official Binyam Tadesse SPS Vice Chairman	Signature 	Date <b>MAR 23 2016</b>
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**Section 4: NTIA CERTIFICATION**

The Office of Spectrum Management concurs with the SPS recommendations in Section 3.  
This office certifies Stage 3 spectrum support for this system.

Name/Title of Certifying Official Peter A. Tenhula Deputy Associate Administrator	Signature 	Date <b>MAR 23 2016</b>
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Downgrading Instructions	Classification <b>UNCLASSIFIED</b>	Distribution IRAC, SPS, FAS
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