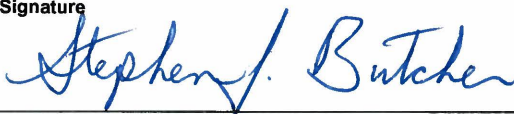
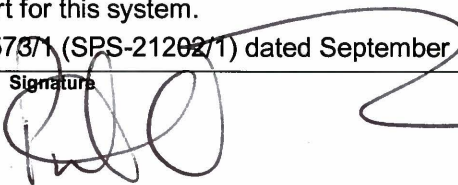


FORM NTIA-44 (3/91)		U.S. DEPARTMENT OF COMMERCE NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION		Classification UNCLASSIFIED		Control Number Doc. 41573/2 SPS-21202/2	
CERTIFICATION OF SPECTRUM SUPPORT							
Recipient Agency Air Force		System FalconSAT-6				Stage of Review 4 – Operational	
Section 1: OPERATING CHARACTERISTICS FOR WHICH SUPPORT IS CERTIFIED							
Frequency (MHz)	Emissions	Mean Power (W)	Station Class	Transmitting Location	Receiving Location		
2288	166KG1D	1.5	ET	Space (FalconSAT-6)	Colorado Springs, CO		
2109.75	10K0G1D	50	TT	Colorado Springs, CO	Space (FalconSAT-6)		
Section 2: SOURCE DOCUMENTS							
Docket Number	Description of Document					Dated	
SPS-20611/4 SPS-20716/1	Air Force Replacement Request for Stage 4 Review NTIA Preliminary Assessment					June 22, 2018 January 6, 2014	
Section 3: SPECTRUM PLANNING SUBCOMMITTEE (SPS) RECOMMENDATIONS							
<p>The SPS reviewed this system under the provisions of Chapter 10 of the NTIA Manual, noting that this system will operate for less than a 12 month duration, and recommends that:</p> <ol style="list-style-type: none"> 1. NTIA certify Stage 4 spectrum support for the FalconSAT-6, as specified in Section 1. 2. Air Force be aware that for use of the frequency 2109.75 MHz, coordination is required for the FalconSAT-6 earth station transmitters with non-Federal terrestrial receiving stations at fixed sites, in accordance with Footnote US346 to the National Table of Frequency Allocations. 3. NTIA waive compliance with the power flux-density (PFD) limits specified in Section 8.2.36 of the NTIA Manual for the space-Earth transmissions of this system on 2288 MHz, given that this system exceeds the recommended limits by as much as 6 dB but conforms to relaxed limits as stipulated in IRAC Doc. 31014/1 (SPS-12038/1). Air Force should be aware that the alternate PFD criteria do not necessarily ensure complete compatibility with terrestrial receiving equipment. 4. Air Force protect personnel from radiation levels that exceed generally accepted exposure criteria. 							
Name/Title of Recommending Official			Signature			Date	
Stephen J. Butcher SPS Chairperson						AUG 17 2018	
Section 4: NTIA CERTIFICATION							
<p>The Office of Spectrum Management concurs with the SPS recommendations in Section 3. This office certifies Stage 4 spectrum support for this system. This certification supersedes IRAC Doc. 41573/1 (SPS-21202/1) dated September 18, 2015.</p>							
Name/Title of Recommending Official			Signature			Date	
Peter A. Tenhula Deputy Associate Administrator						AUG 17 2018	
Special Handling			Classification			Distribution	
			UNCLASSIFIED			IRAC, SPS, FAS	