

TECHNICAL DESCRIPTION

The Boeing Company
Global Spectrum Management
Submitted 11/13/2020 by
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PURPOSE

The purpose of this application is to continue using the frequency parameters listed in call sign WE2XSB (file number 0564-EX-CR-2018, for the Cheetah Radar set). The continuation of this allocation under a new call sign will support ongoing antenna testing at the same location, the Boeing Outdoor Antenna Range, in St. Charles, MO, using the Agilent Signal Generator (N5183A). Use of the below frequencies are not contract specific, however they will support antenna testing on multiple program contracts. The Cheetah Radar Set is no longer being tested.

TEST DESCRIPTION

The test will involve operation of the Agilent signal generator for antenna analysis at the Boeing Outdoor Antenna Range, with a fixed folded dipole antenna. The antenna characteristics and performance will be evaluated throughout the band of operation.

Purpose	Manufacturer	Model	Frequency(MHz)	Emission	Power ERP (mWatts)	Location
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	101.9	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	105.7	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	105.9	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	107.1	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	137.1-224.999	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	400-405.999	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	406.2-755.999	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	768.1-787.999	NON	10	GROUND
ANTENNA TESTING	AGILENT TECHNOLOGIES	N5183A	798.1-960	NON	10	GROUND

STOP BUZZER CONTACT INFORMATION

The designated point-of-contact to terminate transmissions if interference should occur is: David Zabriski, (630) 250-3814.