



The waveform parameters from within the bounds of the signal type are selected randomly using uniform distribution.

Equip#	Manufacturer/ Model	Description	Last Cal	Next Due
49516	Agilent/HP / N9030A	PXA Signal Analyzer	29-Oct-13	29-Oct-14
47303	Fairview Microwave/ST6S-10	SMA Termination 6GHz	06-AUG-2013	06-AUG-2014
8137	HUBER + SUHNER / Sucoflex 104	Coaxial Cable BMC-SMA, 610mm	4/24/2013	4/24/2014
49493	JFW / 50HF-010	SMA 10 dB Attenuator	3/21/2014	3/21/2015
47258	Aeroflex/Weinschel/6B10W-30dB	Inmet 10W 30dB Power Attenuator 18GHz	01-OCT-2013	01-OCT-2014
49482	JFW / 50HF-006	ATTENUATOR 6 DB	3/21/2014	3/21/2015
49485	JFW / 50HF-006	ATTENUATOR 6 DB	3/21/2014	3/21/2015
49509	JFW / 50T-039 SMA-M	SMA Male 50 Ohm Termination	21-Mar-14	21-Mar-15
47294	FAIRVIEW MICROWAVE / ST6S-10	SMA Termination 6GHz	8/6/2013	8/6/2014
47291	FAIRVIEW MICROWAVE / ST6S-10	SMA Termination 6GHz	6-Aug-13	6-Aug-14
49486	JFW / 50HF-006	ATTENUATOR 6 DB	21-Mar-14	21-Mar-15
49429	MINI-CIRCUITS / ZFSC-2-10G	SPLITTER, 2-10GHZ	1/15/2014	1/15/2015
44067	MIDISCO / M314080	Isolator, 4.0-8.0GHz, 20dB isolation	7/1/2014	7/1/2015
44068	Aeroflex/Weinschel / 1594	4-Way Splitter, DC-18GHz	8/7/2013	8/7/2014
46065	NATIONAL INSTRUMENTS / NI PXI-1042Q	Dynamic Radar Pulse Generator	NA, Verify Before Use	NA, Verify Before Use
47281	HUBER + SUHNER	Sucoflex 102E	5/2/2014	5/2/2015
47282	HUBER + SUHNER	Sucoflex 102E	5/2/2014	5/2/2015
20490	Agilent/HP / 8710-1765	PRESET TORQUE WRENCH 3.5 mm 12 in/lbs	6/3/2014	6/3/2014

3. In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

These tests define how the following DFS parameters are verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time, and Non-Occupancy Period.

The steps below define the procedure to determine the above mentioned parameters when a radar Burst with a level equal to the DFS Detection Threshold + 1dB (-61dBm) but a -62dBm burst was generated on the Operating Channel of the U-NII device.

A U-NII device operating as a support Client (Slave) Device established a connection with the EUT, which was associated with an access point (Master) at 5260MHz & 5500 MHz. A video/audio call of 30fps was streamed from the support client to the EUT via the Master Device on the selected Channel for the entire period of the test.



At time T_0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at -62dBm.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Compare the Channel Move Time and Channel Closing Transmission Time results to the limits defined in the *DFS Response requirement values table*



Channel Move Time, Channel Closing Transmission Time for Type 1 radar.
5260MHz 10sec

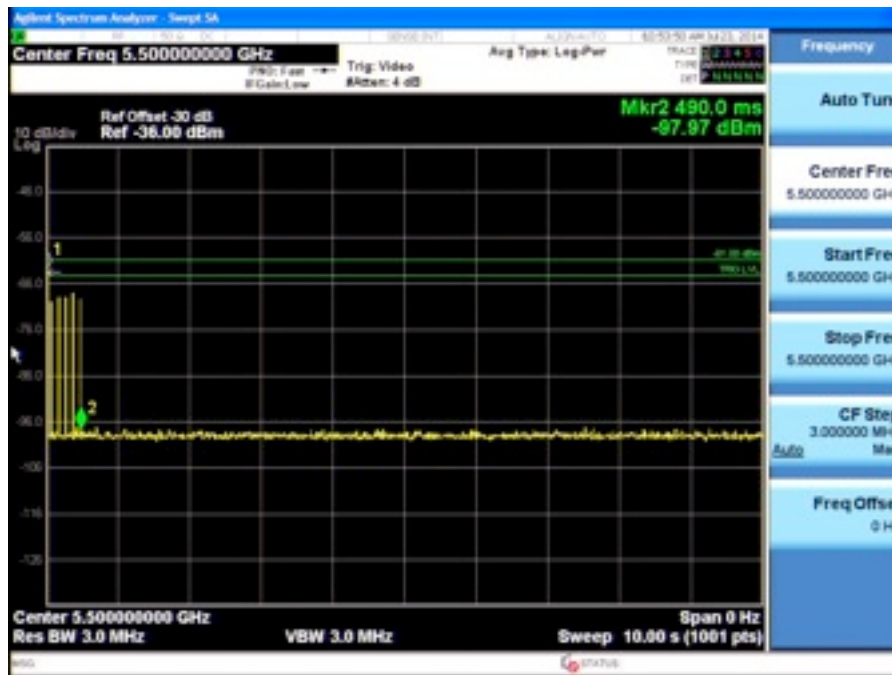


5260MHz 1sec

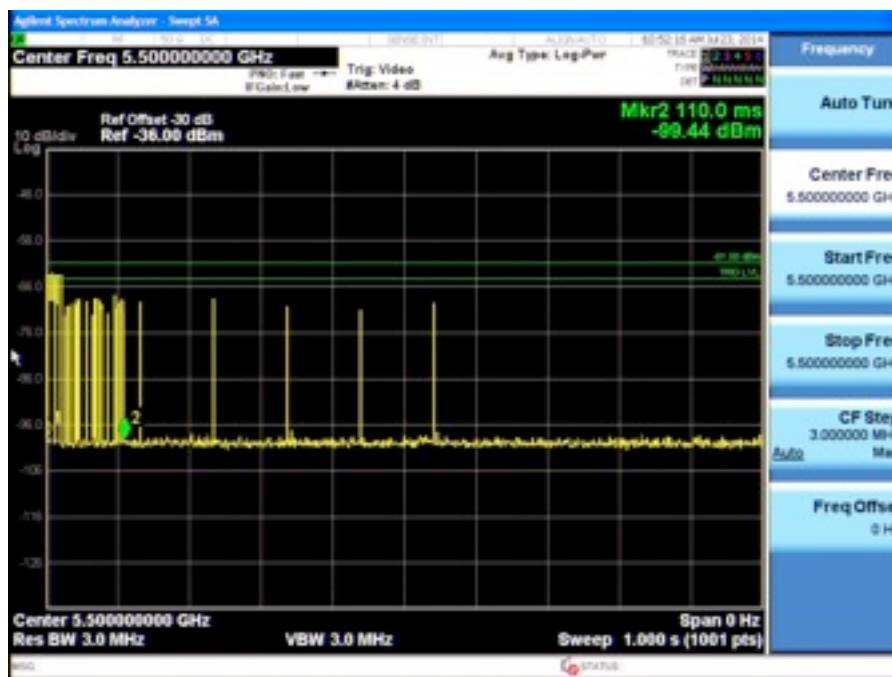




5500MHz 10sec



5500MHz 1sec



Channel Move Time, Channel Closing Transmission Time for Type 2 radar

5260MHz 10sec



5260MHz 1sec

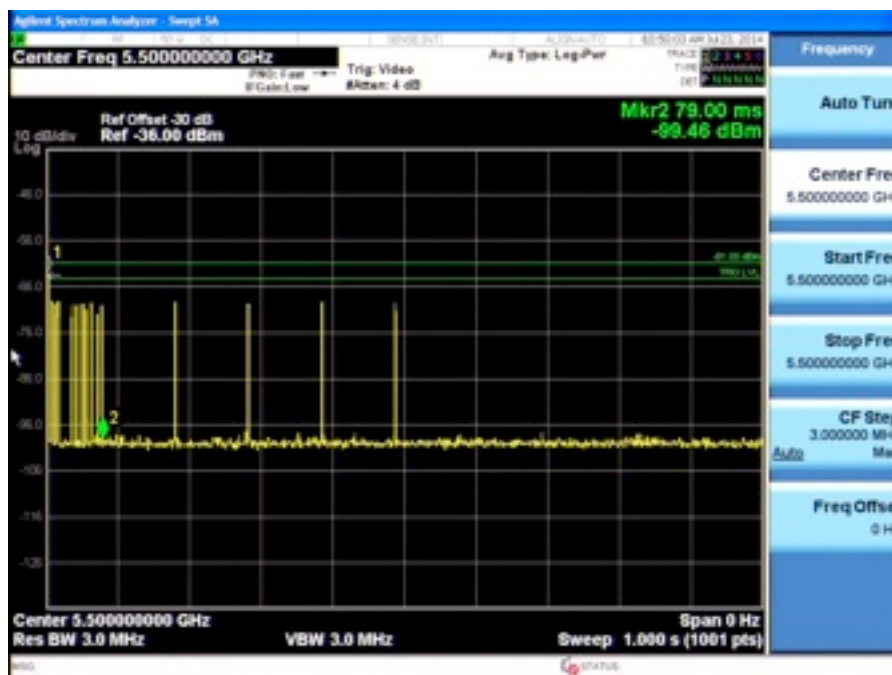




5500MHz 10sec



5500MHz 1sec



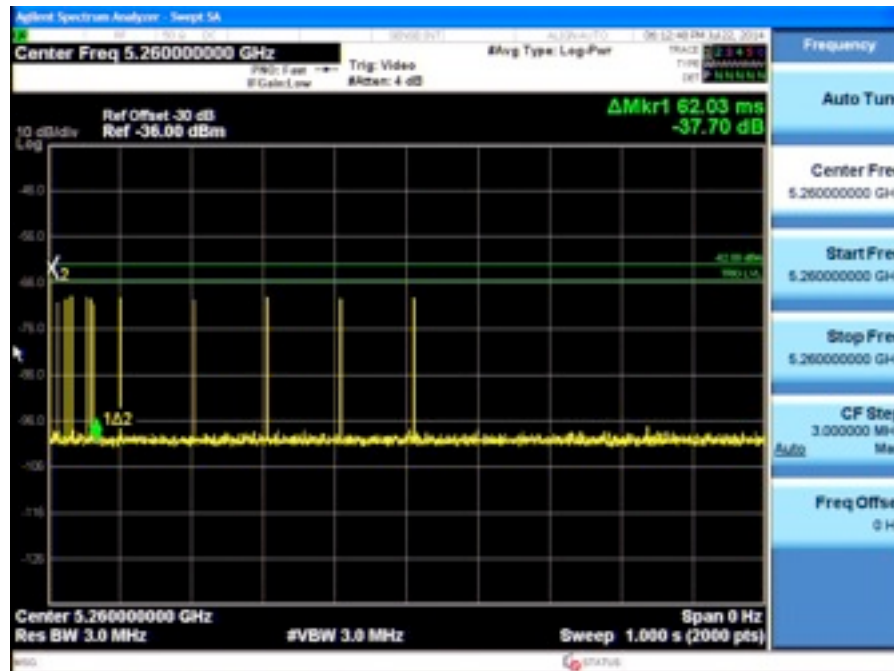


Channel Move Time, Channel Closing Transmission Time for Type 3 radar.

5260MHz 10sec

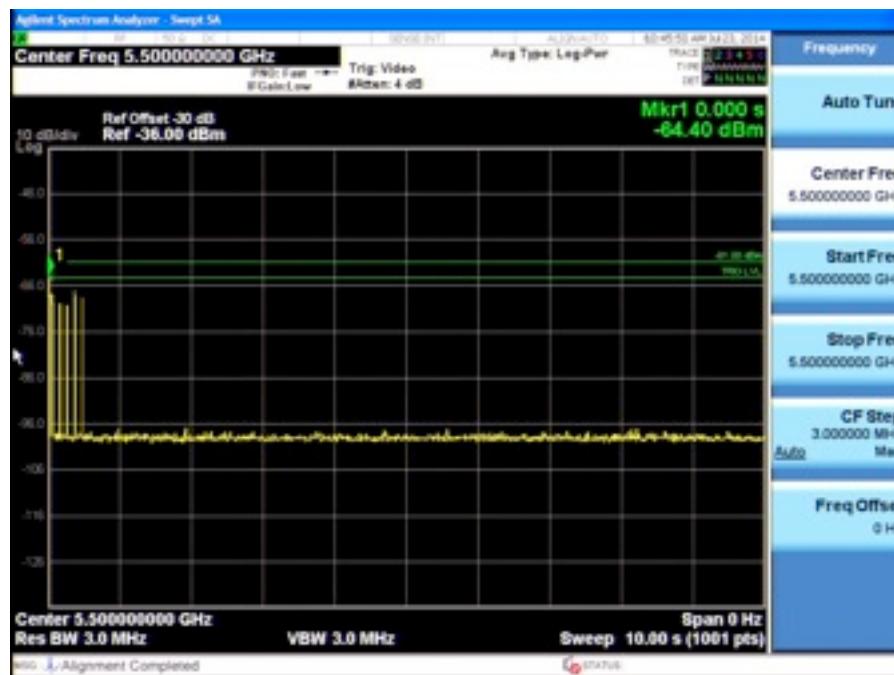


5260MHz 1sec

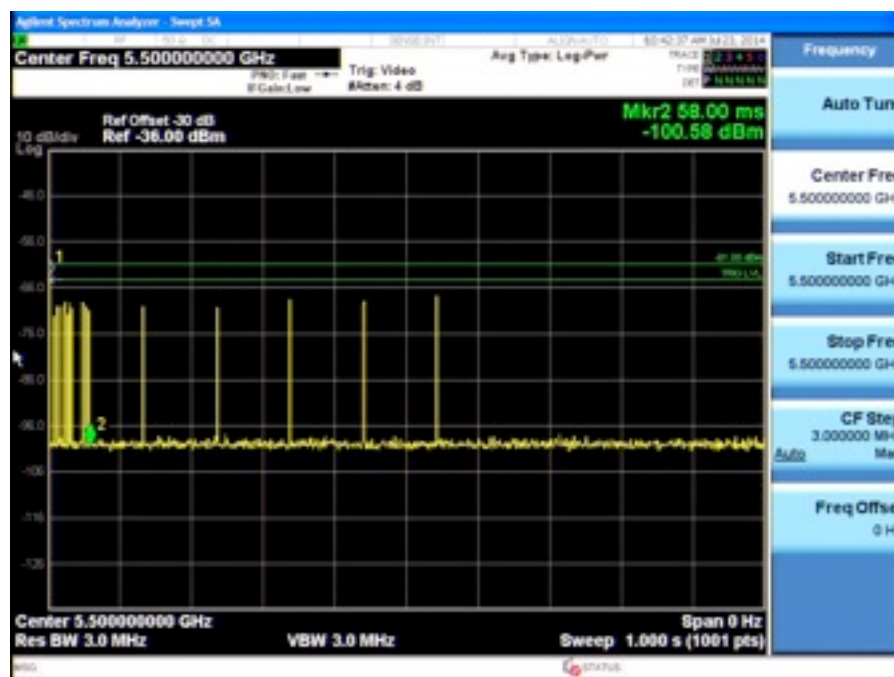




5500MHz 10sec



5500MHz 1sec



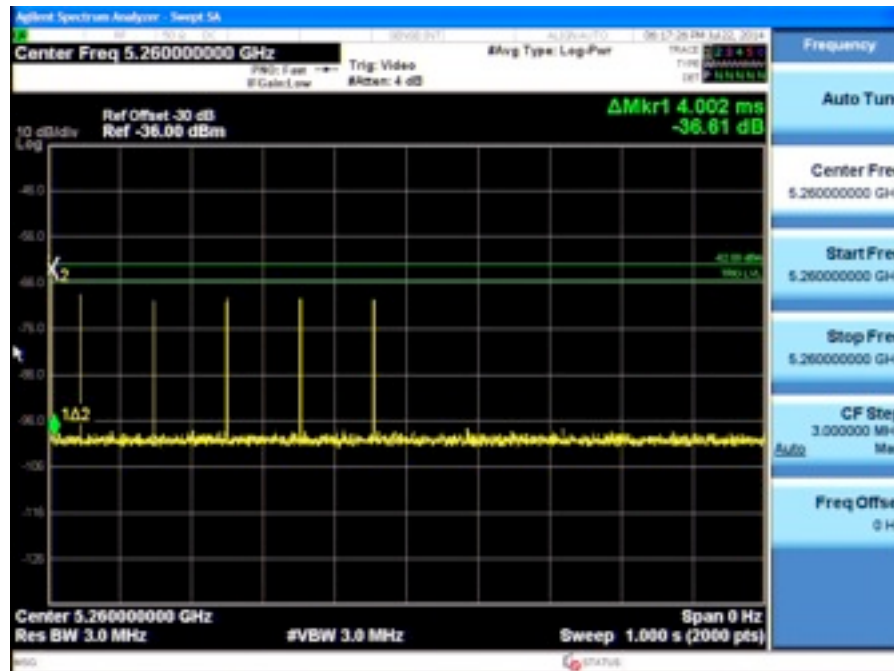


Channel Move Time, Channel Closing Transmission Time for Type 4 radar.

5260MHz 10sec



5260MHz 1sec





5500MHz 10sec



5500MHz 1sec



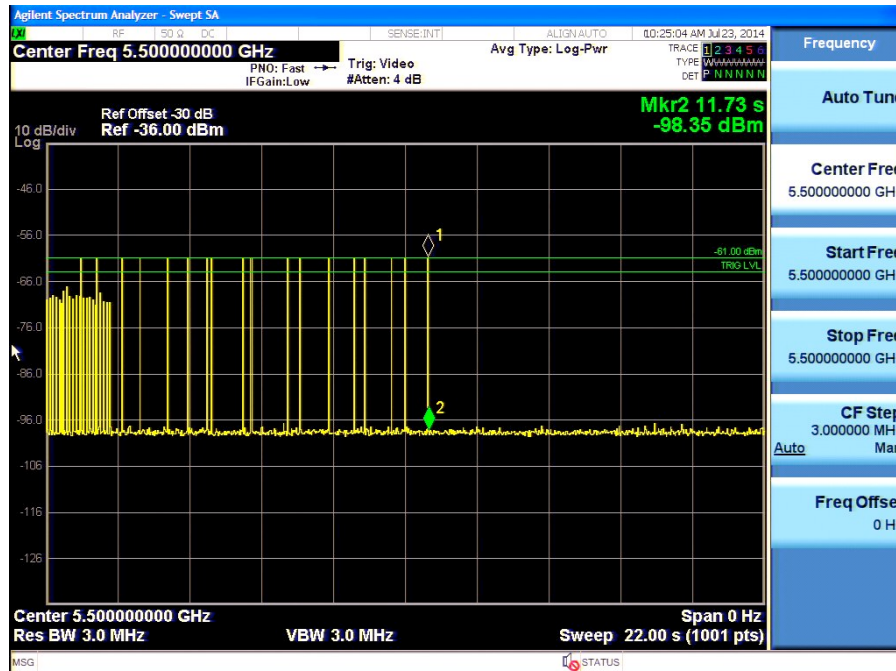


Channel Move Time, Channel Closing Transmission Time for Type 5 radar.

5260MHz 22sec



5500MHz 22sec

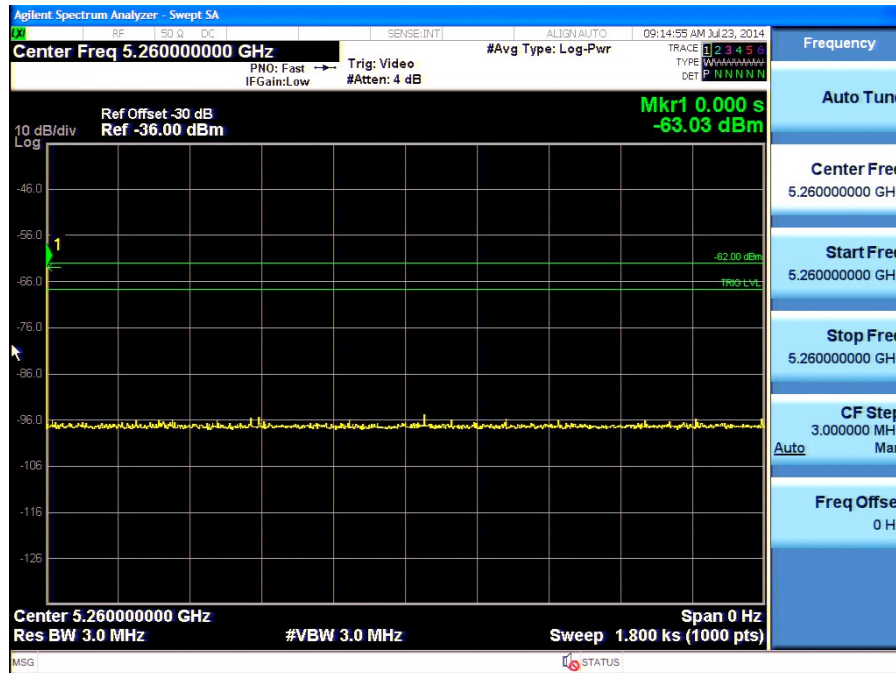




Measure the EUT for more than 30 minutes following the channel close/move time to verify that the EUT does not resume any transmissions on this Channel.

30 Minute Non-Occupancy Period (using Type 1 radar)

5260MHz 30minutes



5500MHz 30minutes

