

Exhibit 6A – Test Report Addendum
SATELLITE SYSTEMS DISTRIBUTION (SSD)

Active Iridium Antenna

FCC ID: MIJAD510

Model No. AD510-10

6.1A RF Power Output Data

The conducted output power at the ISU transceiver has been measured at approximately +28 dBm average. The ISU transceiver has a 9.2% (8.28 ms Tx bursts/90 ms frame) transmit duty cycle.

The RF losses from the ISU transceiver to the input of the AD510-10 antenna assembly have been measured at approximately -13.5dB using a HP8741ET network analyzer. The gain of the power amplifier has been measured at 14 dB with -0.4 dB loss through the isolator for a net gain of approximately +13.6 dB. Basically, the power amplifier in the AD510-10 is designed to compensate for the cable losses when using a longer cable drop from a remote antenna.

The conducted power level at the output of the amplifier has been measured at approximately +27 dBm as shown by the graph on the following page.

- RF Output Power: 0.63 W
- RF Input: .027 W

6.2A Occupied Bandwidth

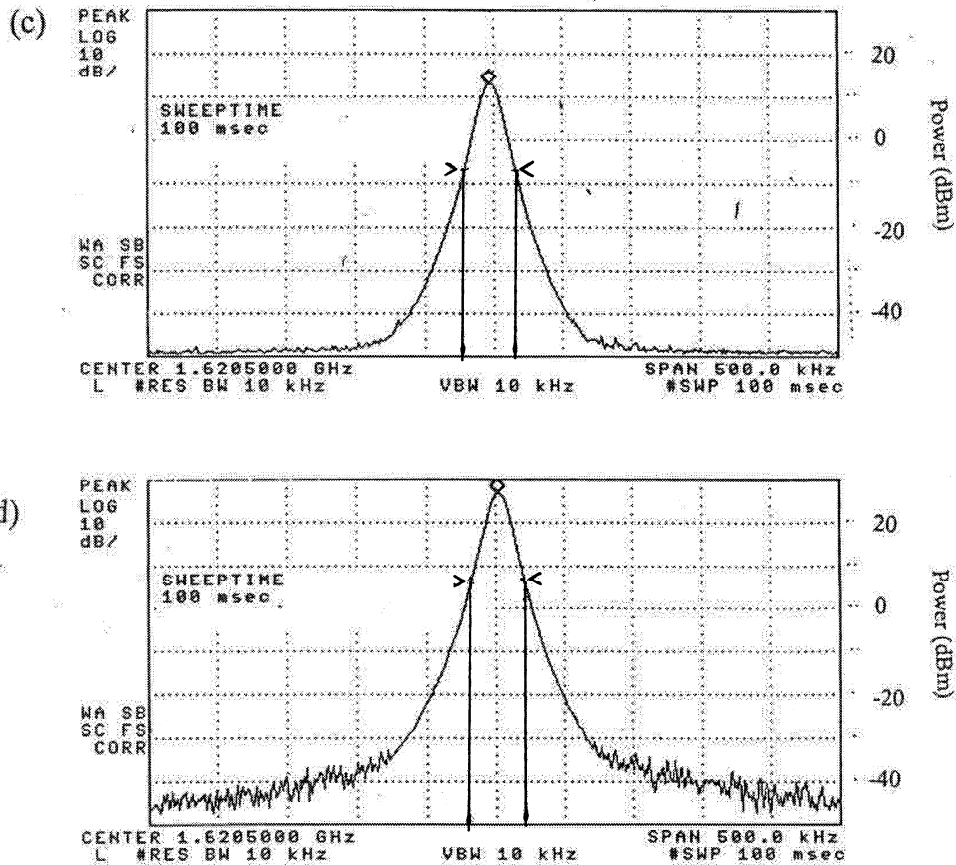


Figure A3. TX amplifier responses (continued). (c) High level input signal to the TX amplifier, (d) output from amplifier. The gain of the amplifier is 14.0 dB, span of spectra is 500kHz and video bandwidth of EMC meter 10kHz. Output of amplifier is 27dBm as required.

The 99% Occupied Bandwidth for both the input signal prior to amplification (c) and the output signal (d) from the amplifier are shown above. Both of these are approximately 40 kHz as shown on the plots. The necessary bandwidth for all Iridium Subscriber Units (ISU) is 41.667kHz as noted in the certification applications and by the specified emission designator of 41k7Q7W.