WIDE BAND HIGH POWER PHASE SHIFTER TUNER - RFPSHT0018W7 10.00 0.00 0.00 1.1868 12,400000 GHz 12.400000 GHz 1.0633 -10.00 00 GHz -10.00 30,000000 MHz 0.02172 dB 30,000000 MHz .02245 dB -20.00 -20.00 2.000000 GHz 2,000000 GHz 0.01593.48 -30.00 -30.00 12,400000 GHz 0.14207 dB 12,400000 GHz 40.00 40.00 >5: 18,000000 GHz).36401 dE >5: 18 000000 GHz +45531 dB -50.00 -50.00 -60.00 -60.00 .70 OO 70.00 -80.00 80.00 Ch1: Start 10.0000 MHz Stop 18,0000 GHz Ch1: Start 10.0000 MHz Stop 18,0000 GHz 225.00 225.00 180 00 180.00 8.000000 GHz 1.1326 8,000 1.0879 135.00 135.00 12,400000 GHz 1.1475 12,400000 GHz 1.1404 90.00 90.00 30.000000 MHz 45.00 45.00 2,000000 GHz 9.1731 m3 2.000000 GHz -20.261 0.00 0.00 12 400000 GHz 28 647 m³ -127.97 45 00 45.00 18 000000 GHz 10,022 m² >5: 18,0000000 GHs -179.75 -90.00 -90.00 -135.00 135.00 -180.00 180.00 -225.00 225.00 Ch1: Start 10,0000 MHz Stop 18,0000 GHz Stop 18.0000 GHz 1.0 **Mechanical Specifications** 2.0 **Environment specifications** Coaxial Connector SMA-Male to Female 1.1 2.1 Operation Temp. -10°C~+50°C 2-ø2.2 [2-Ø0.087"] Size RFPSHT0018W7: Φ0.35" x 1.67" -40°C~+70°C 1.2 2.2 Storage Temp. (Φ9 x 42.5mm~52.5mm) Altitude 2.3 45000 ft [0.59"] 15 20g (RFPSHT0008W7) Weight 1.3 10g rms (15 degree 2KHz) 2.4 Vibration Body painted with blue/black External Body 1.4 70 [2.76"] 100% RH at 35c, 95%RH at 40 $^{\circ}$ c 2.5 Humidity Finish epoxy enamel DATE PAGE 1 OF 1 Oct 8th 2006 2.6 Shock 20G for 11msc DESIGN PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE
PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY
AUTHORIZED IN WRUTUBG BT RF-LAMBDA. THE HOLDER OF AUTHORIZED IN WRUTUBG BT IN: TAMBBA. THE HOLDRY OF HIS DOUGUMENT: SHALL KEEP ALL INFORMATION CONTINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PART HOLD SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY RF-LAMBDA **Electrical Specifications** 3.0 Insertion Loss (dB) **Phase Adjustment** Max VSWR Power (W) CW Peak Power (KW) **Part Number** Frequency (GHz) CAD MODEL REVISION RFPSHT0018W7 ASSEMBLY REVISION VS52 o.50dB @ 12GHz 1.3:1@4GHz HIHG POWER 360°with RFPSHT0018W7 DC-18 50 5 PHASE SHIFTER ASSEMBLY NAME o.75dB @ 18GHz 20°/GHz*** 1.5:1@18GHz DRAWING NUMBER ***Phase Adjustment Range specification ONLY refer to the highest frequency point. Total Phase Adjustment Range is proportion of Frequency range. HALF the frequency www.rflambda.com range, HALF of the phase adjustment range. (For example 8GHz range 360°, then 4GHz will be 180° total range) **RF-LAMBDA** OF 1 LT