



6G Test Report 006F39



Local Date Wednesday, February 23, 2022 7:26:22 AM
UTC Date Wednesday, February 23, 2022 3:26:22 PM
Scenario USBL Positioning : 1000m Range
Software Version 2.4.0.376

Hardware Test PASS
Range Test Not Tested
Sensor Test Not Tested
Release Test N/A

Unit Status			
Acoustic Address	2205	Serial Number	333838-003
Transducer	MF OMNI	Depth Rating	Unknown
Firmware Version	5.11.00.07	DAS Version	N/A
Functionality Level	0010	Endcap SN	N/A

Settings			
Turn Around Time	200ms	Navigation Power Level	184dB
Linear Gain	26dB	Telemetry Power Level	175dB
Blocking	100ms	Start Power Level	175dB
Common Interrogate Channel	CIS5 Enabled	Responder Enabled	No
Pulse Position Replies	Disabled	HPR Channel	N/A
Activity Time	16 minutes	Wakeup Channel	N/A

Battery Status			
Battery Type	LI_ION	Battery Voltage	4.1volts
Battery Current	N/A	Battery Capacity	3.4Ah
Battery Capacity Left	100.0%	Battery Temperature	15.0 °C

Sensors		
Sensor Type	Details	Last Measurement
Pressure	5000kPa Accuracy = 0.700%FS	
Temperature	-40 to 110°C Accuracy = 2.00°C	
Inclinometer	-90.00 to +90.00° Accuracy = 1.00°	

Hardware Identification	
DSP MOD PCB,0333878-026,8050-041-01,D1,26/05/2021	
PRESSURE SENSOR ID,0061107521,04/02/2021	
NANO IF PCB,0000388D273E,332800-023,8262-044-01,A2,11/03/2021,CRC_OK	
NANO MB PCB,00003234FBC3,332608-006,8262-035-01,E2,03/06/2021,CRC_OK	

Communications Logs
>CS:2205,TAT200,BLK100,RXW4800,TXW100,NPL184,TPL175,LG26,CIS5,AT5,EC1,ME0,RSP0,PPR0
>FS:2205,U006F39,FL0010,FV5.11.00.07,PV2.03,TDR;MF;OMNI;184;175;169,PR5000;SG;AC0.700,T-40;110;AC2.00,INC-90.00;+90.00;AC1.00
>VS:2205,HPR45,EXT,TILT,BT1;LI_I0N;VLT4.1;IDC-1.0;CAP3.4/100;T15.0
>SC:2205,U006F39,HPR45,BT1;DIS0;CHG1,OV0,CAS0,LKD0
>FVI:HOST;V5.11.00.07,FPGA;V0.00.00.02;NANO,BUILD;24
>US:2205,SN333838-003,TYPE8262
>CKHW:PASS
>BV:DSP Bootloader V3.02.03.08, MiniCerb, Jul 15 2020
>DCMD?
>PORT:2205,P0;BR9600;CF0;RS232
>OPT:2205,U006F39,SV1500