



6G Test Report 006351



Local Date Friday, November 19, 2021 12:24:35 PM
UTC Date Friday, November 19, 2021 8:24:35 PM
Scenario USBL Positioning : 500m 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	2605	Serial Number	332468-001
Transducer	MF OMNI	Depth Rating	3000m
Firmware Version	3.12.02.02	DAS Version	N/A
Functionality Level	0015	Endcap SN	N/A

Settings			
Turn Around Time	200ms	Navigation Power Level	181dB
Linear Gain	14dB	Telemetry Power Level	181dB
Blocking	100ms	Start Power Level	181dB
Common Interrogate Channel	CIS0 Disabled	Responder Enabled	No
Pulse Position Replies	Disabled	HPR Channel	N/A
Activity Time	16 hours	Wakeup Channel	1

Battery Status			
Battery Type	LI_ION	Battery Voltage	13.7volts
Battery Current	-12.5mA	Battery Capacity	2.4Ah
Battery Capacity Left	10.0% (Low)	Battery Temperature	22.4 °C

Sensors		
Sensor Type	Details	Last Measurement
Temperature	-10 to 40°C Accuracy = 0.25°C	
Pressure	35000kPa Accuracy = 0.100%FS	

Hardware Identification	
OWID:0X12;0X000000E4DF6B	
BATT PCB,000002335B9D,8065-002-01,D5,06/04/2020,LI_ION,STX4,CAP2.4,CRC_OK	
I/F PCB,000008B46BD8,8065-038-01,D3,20/04/2020,CRC_OK	
LPT TX PCB,000008B5063A,8065-036-01,C15,25/03/2020,MF,OMNI,PL187,PL181,PL166,CRC_OK	
DSP MOD PCB,000008B4167D,8050-036-03,B4,25/02/2019,CRC_OK	

Communications Logs
>CS:2605,TAT200,BLK100,RXW800,TXW100,NPL181,TPL181,LG14,CIS0,AT8,EC0,RSP0,PPR0
>FS:2605,U006351,FL0015,FV3.12.02.02,PV2.03,TDR;MF;OMNI;187;181;166,T-10;40;AC0.25,PR35000;AC0.100
>VS:2605,WKT1,HPR45,BT1;LI_I0N;VLT13.7;IDC-12.5;CAP2.4/10;T22.4
>SC:2605,U006351,WKT1,HPR45,BT1;DIS0;CHG1,OV0,CAS0,LKD0
>FVI:HOST;V3.12.02.02,U25;V02,U3;V1.04.00.00,PV2.03
>US:2605,SN332468-001,DR3000,AL6082,STD,TDR1,TYPE8220
>CKHW:PASS
>BV:DSP Bootloader V3.02.02.02, (Chimera)
>DCMD?
>PORT:2605,P0;BR9600;CF0;RS232,P1;BR9600;CF1;RS232
>OPT:2605,U006351,EXTP_OFF,SV1500