

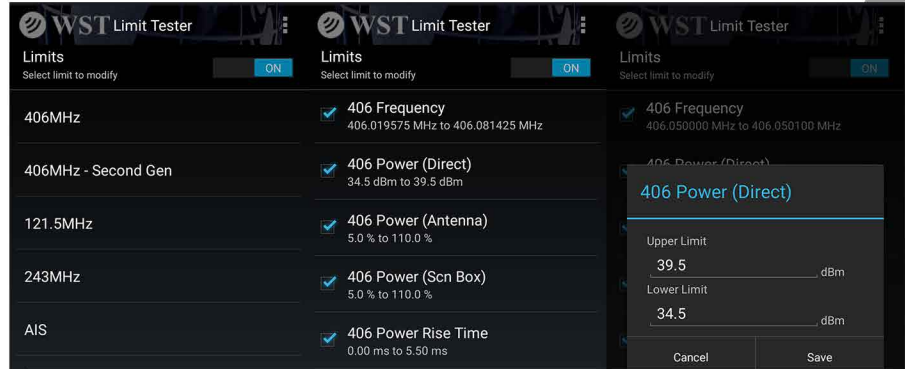
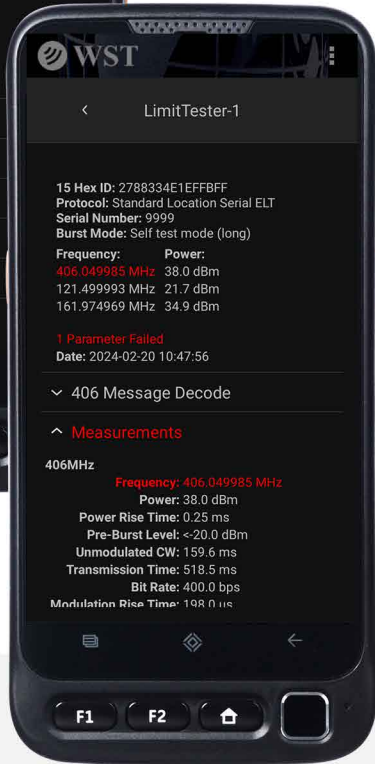
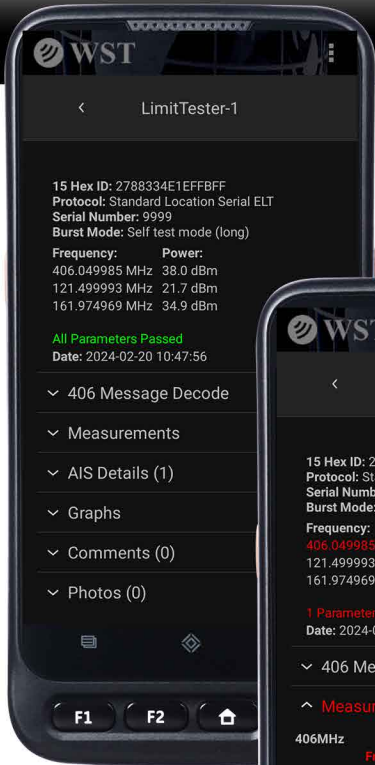


WST

WS Technologies Inc.

Limit Tester Software

Limit Tester is a BT200 software add-on that allows the user to immediately identify any **passed** or **failed** parameters.



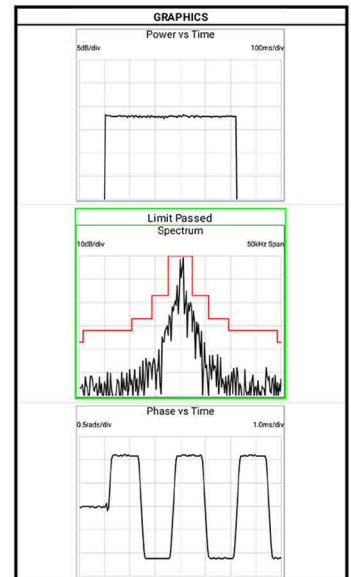
WST **ELT Test Report**
2788334E1EFFBFF

Organization: Company
Tested By: Name
Date: 2024-02-20 10:47:56
Tester Model/Serial/File Name: BT200-2321B/16000/LimitTester-1
Tester Cal Due Date: 2026-01-09
Tester Temperature: 27.58°C

Pass
 Fail
Signature: _____

MEASUREMENT DATA				
406 MHz				
Parameter	Measured Data	Lower Limit	Upper Limit	Pass
Frequency:	406.049985 MHz	406.019575	406.081425	✓
Power:	38.0 dBm	34.5	39.5	✓
Power Rise Time:	0.25 ms	0.00	5.50	✓
Pre-Burst Level:	<-20.0 dBm		-11.0	✓
Unmodulated CW:	159.6 ms	157.6	162.4	✓
Transmission Time:	518.5 ms	514.3	525.7	✓
Bit Rate:	400.0 bps	395.8	404.2	✓
Modulation Rise Time:	198.0 µs	40.0	260.0	✓
Modulation Fall Time:	207.9 µs	40.0	260.0	✓
Positive Phase:	1.09 rad	0.95	1.24	✓
Negative Phase:	-1.11 rad	-1.24	-0.95	✓
Modulation Symmetry:	0.0 %	0.0	0.5	✓
121 MHz				
Frequency:	121.499993 MHz	121.493820	121.508170	✓
Peak Power:	21.7 dBm	17.0	26.0	✓
Sweep Direction:	Upwards	Must be Upwards		✓
Audio Freq Upper:	1500 Hz	900	1630	✓
Audio Freq Lower:	500 Hz	270	900	✓
Sweep Range:	1000 Hz	640	1360	✓
Audio Sweep Rep Rate:	3.0 Hz	1.9	4.1	✓
Modulation Index:	84.6 %	80.0	100.0	✓
Duty Cycle:	39 %	31.0	57.0	✓
AIS Received Data 1, Message 1				
Parameter	Measured Data	Lower Limit	Upper Limit	Pass
Channel:	AIS1			
Frequency:	161.974969 MHz	161.974000	161.976000	✓
Power:	34.9 dBm	29.0	36.0	✓
Transmission Time:	24.25 ms			
Message ID:	1			
Repeat Indicator:	0			
User ID:	999999999			
Navigational Status:	(0) under way using engine			
Rate of Turn:	No turn information available			
Speed Over Ground:	101.3 knots			
Position Accuracy:	high (<= 10 m)			
Longitude:	-119.0000 °			
Latitude:	50.0000 °			
Course Over Ground:	Not available			
True Heading:	Not available			
Timestamp:	54 s			
Special Maneuver:	Not available			
RAIM Flag:	RAIM not in use			
Sync State:	UTC direct			
Slot Time-Out:	2 frames left			
Slot Number:	723			

406 DECODE	
Parameter	Measured Data
15 Hex ID:	2788334E1EFFBFF
Protocol:	Standard Location Serial ELT
15 Hex Checksum:	824D3
Country Code:	Canada (316)
Serial Number:	9999
C/S Number:	102
Bits 107 to 110:	Default
Position Source:	External GPS
Auxiliary Radio:	121.5 MHz
Latitude:	49.9222 °
Longitude:	-119.3944 °
Full Hex:	FFFD093CA19A70F322EF5E4F375128654CD
Burst Mode:	Self test mode (long)
Manufacturer:	NAT Model: SATFIND-406 GPIRB



Limit Tester Features:

- Select any parameters to be measured
- Adjust upper and lower limits
- Instant pass/fail indicator (real-time)
- Create unlimited custom Limit files
- Detailed Test Report results
- Automatic pass or fail
- Remote upgrade your BT200 today!

Your best choice!



Revision 1.00

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