



Parameters to be Measured	Range of Specification	Units	Test Results	Comments		
<b>11. Temperature Gradient (5°C/hr)</b>						
<b>Model: RLB-44, S/N: TA000022, TUV Ref: TSR15 and Modification State 2</b>						
<b>Full Test</b>						
Transmitted Frequency Nominal value	C/S T.007 $\leq 2 \times 10^{-9}$	MHz /100ms	Min	Max		
			406.0309891 4.45E-11	406.0310598 9.33E-10		
Short-term stability	$(-1 \text{ to } +1) \times 10^{-9}$	/min	-1.51E-10	4.23E-10		
Medium-term stability – Slope <sup>1</sup>	$(-2 \text{ to } +2) \times 10^{-9}$	/min	-4.73E-10	4.14E-10		
Medium-term stability – Residual frequency variation	$\leq 3 \times 10^{-9}$		1.66E-10	1.64E-09		
Transmitter power output	35 – 39	dBm	35.36	35.98		
Digital message	correct	P/F	P			
<b>12. Oscillator Aging</b>						
5 year carrier nominal frequency variation	provided	Y / N	Y			
MTS analysis (if applicable)	Must demonstrate compliance	P / F	P	Refer to Manufacturer document RTR026A E6907LF MTS 5-year prediction		
<b>13. Protection Against Continuous Transmission</b>						
Description	provided	Y / N	Y			
<b>14. Satellite Qualitative Tests</b>						
<b>Model: RLB-44, S/N: TA000007, TUV Ref: TSR4 and Modification State 1 (SLP Configurations 5 and 8)</b>						
<b>Model: RLB-44, S/N: TA000007, TUV Ref: TSR4 and Modification State 1 (RLS Configuration 7)</b>						
Test Configuration	As per C/S T.007		Configuration			
15 Hex ID Decoded by LUT	correct	P / F	5	6	7	8
			P	-	P	P
Doppler Location results with error $\leq 5$ km	$\geq 80$	%	87.5	100	100	100
<b>Result: Pass</b>						



Parameters to be Measured	Range of Specification	Units	Test Results	Comments
<b>15. Antenna Characteristics</b>				
<b>Model: RLB-44, S/N: TA000007, TUV Ref: TSR4 and Modification State 0</b>				
Test Configuration	As per C/S T.007		Configuration	
Polarisation	linear or RHCP		1	2
VSWR	≤ 1.5		3	4
EIRP <sub>Loss</sub>	≤ 43*	dB	Linear	Linear
EIRP <sub>maxEOL</sub>	≥ 32**	dBm	N/A	N/A
EIRP <sub>minEOL</sub>		dBm	-0.01	-0.01
			42.1	40.9
			33.4	30.7
<b>16. Beacon Coding Software</b>				
Sample message for each coding option of the applicable coding types	correct	P / F	P	Refer to Manufacturer supplied document: 921S-04214-RLB-44_EPIRB3_Pro_EPIRB3 - Nav. System, Beacon and Msg. Coding_01.03
Sample self-test message for each coding option of the applicable coding types	correct	P / F	P	



Parameters to be Measured	Range of Specification	Units	Test Results	Comments
17. Navigation System				
<b>Model: RLB-44, S/N: TA000006, TUV Ref: TSR2 and Modification State 1 (RLS A.3.8.1, A.3.8.6 and A.3.8.3 Short)</b> <b>Model: RLB-44, S/N: TA000006, TUV Ref: TSR2 and Modification State 2 (RLS A.3.8.4 and A.3.8.3 Long)</b> <b>Model: RLB-44, S/N: TA000006, TUV Ref: TSR2 and Modification State 1 (SLP A.3.8.1, A.3.8.4, A.3.8.6 and A.3.8.3 Short and Long)</b> <b>Model: RLB-44, S/N: TA000007, TUV Ref: TSR4 and Modification State 1 (RLS and SLP A.3.8.2)</b>				
Location protocol	C/S T.001	P / F	Standard P	RLS P
Position data default values	correct			
<b>Configuration 5</b>				
Position accuracy - A.3.8.2.1	C/S T.001	m	22.82	22.48
Position Acquisition Time - A.3.8.2.1	<10/1	min	0.87	0.88
Position accuracy - A.3.8.2.2	C/S T.001	m	35.53	35.88
Position Acquisition Time - A.3.8.2.2	<10/1	min	0.89	0.90
<b>Configuration 7</b>				
Position accuracy - A.3.8.2.1	C/S T.001	m	22.82	22.82
Position Acquisition Time - A.3.8.2.1	<10/1	min	0.86	0.82
Position accuracy - A.3.8.2.2	C/S T.001	m	35.53	35.53
Position Acquisition Time - A.3.8.2.2	<10/1	min	0.87	0.90
<b>Configuration 8</b>				
Position accuracy - A.3.8.2.1	C/S T.001	m	22.82	22.82
Position Acquisition Time - A.3.8.2.1	<10/1	min	0.91	0.91
Position accuracy - A.3.8.2.2	C/S T.001	m	35.53	35.53
Position Acquisition Time - A.3.8.2.2	<10/1	min	0.88	0.91
Encoded position data update interval (short)	>4m 25s, <16m 30s	min sec	13m 22s	12m 29s
Encoded position data update interval (long) - maximum	>4m 25s, <16m 30s	min sec	5m 03s	5m 04s
Encoded position data update interval (long) - minimum	>4m 25s, <16m 30s	min sec	4m 07s*	4m 03s*
Position clearance after deactivation	cleared	P / F	P	P
Position data input update interval (as applicable)	20/1	Min	N/A	N/A

Result: Deviation from T.007 but compliant with T.001\*

\* Refer to manufacturer document 921S-04094 Cospas-Sarsat Beacon Update rate. See also section 1.2 for known non-compliances and deviations.

See report section 2.12 (A.3.8.3 – Short Test)

See report section 2.12 (A.3.8.3 – Long Test)

See report section 2.12 (A.3.8.3 – Long Test)



<p>Position data encoding</p> <p>Retained last valid position after navigation input lost</p> <p>Default position data transmitted after 240(±5) minutes without valid position data</p> <p>Information on protection against beacon degradation due to navigation device, interface or signal failure or malfunction</p>	<p>correct</p> <p>240(±5)</p> <p>cleared</p> <p>provided</p>	<p>P / F</p> <p>min</p> <p>P / F</p> <p>Y / N</p>	<p>P</p> <p>239.9</p> <p>P</p> <p>Y</p>	<p>P</p> <p>240.35</p> <p>P</p>	<p>Refer to Manufacturer supplied document: 921S-04214-RLB-44_EPIRB3 Pro_EPIRB3 - Nav. System, Beacon and Msg. Coding_01.03</p> <p>Refer to Manufacturer supplied document: 5.(J) Design Compliance Statements.pdf</p>
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Parameters to be Measured	Range of Specification	Units	Test Results	Comments
<b>18. Return Link Service (RLS)</b>				
<b>Mode: RLB-44, S/N: TA000008, TUV Ref: TSR5 and Modification State 1</b>				
<b>A.3.8.8.1 Moffset Test – Config 8 Above Ground</b>				
<b>Self-Test for correct 15 Hex ID</b>				
a) RLS Indication	193BFCE031BFDFF	N/A	193BFFA11FBFDFF	
RLS request unique distinct indication	≤ 5 seconds after first transmission of RLS request until a valid RLM Type 1 or Test RLM message is received	s	1	Test Start 13:07:42 UTC RLS Request 13:08:35 UTC RLS Indication 13:08:36 UTC
RLS indication is readily visible to the user when the beacon is operated in all declared operational configurations	Must be correct	P/F	P	
RLS indication is clearly visible to the user in direct sunlight, at a distance of 1 meter from the beacon.	Must be correct	P/F	P	
RLS indication remain inactive at all times when the beacon is encoded with any protocol other than RLS Location Protocol or RLS Location Test Protocol;	Must be correct	P/F	P	
Distinct indication that the RLM Type- 1 or Test RLM has been received	< 5 sec, after the RLM has been received until either the beacon is deactivated or the beacon battery is expired	s	1	RLM Reception 13:09:14 UTC RLM Indication 13:09:15 UTC
The beacon only provides the indication of receipt of the RLM Type 1 or Test RLM, which contain the beacon 15 Hex ID	Must be correct		Pass	
b) Transmitted Message Bits 109 – 114	100001	N/A	100001	36 Hex message: FFFE2F8C9DFFD08FCCD012092FF84FBEA8E5
c) GNSS Receiver turns on	≤ 5 seconds after beacon activation	s	1*	* GNSS receiver activates at beacon start up.



Parameters to be Measured	Range of Specification	Units	Test Results	Comments
d) Time to output UTC	Record time since receiver activation	s	9	UTC lock 13:07:51 UTC
e) GNSS Receiver on time	≥ 30 minutes after beacon activation	min	N/T	RLM was received at 13:09:14 UTC, the beacon only supports Type-1 RLM therefore parts e) and h) to k) do not apply.
f) Time to indicate RLM receipt	≤ 30 minutes after beacon activation	min	1.53	
g) Transmitted Message Bits 109 to 114	101001	N/A	101001	36 Hex message: FFFE2F8C9DFFD08FCCD012092FFA4FBEA421
h) GNSS Receiver reactivation time	Offset minutes +/- 5 seconds past next natural hour	min	N/T	
i) GNSS Receiver on time	≥ 15 minutes after reactivation	min	N/T	
j) GNSS Receiver reactivation time	Offset minutes +/- 5 seconds past next natural hour	min	N/T	
k) GNSS Receiver on time	≥ 15 minutes after reactivation	min	N/T	



Parameters to be Measured	Range of Specification	Units	Test Results	Comments
A.3.8.2 UTC Test - Config 8 Above Ground				
a) Visual Indication	≤ 5 seconds after first transmission	sec	1	Test Start 08:05:30 UTC RLS Request 08:06:26 UTC RLS Indication 08:06:27 UTC
b) Transmitted Message Bits 109 to 114	100001	N/A	100001	36 Hex message: FFFE2F8C9DFFD08FCCD012092FF84FBEA8E5
c) GNSS Receiver turns on	≤ 5 seconds after beacon activation	s	1*	* GNSS receiver activates at beacon start up.
d) Time to output UTC	Record time since receiver activation	s	10	UTC Lock 08:05:40
e) GNSS Receiver position output Deny Beacon further GNSS signals	Valid Lat/Long No further receiver outputs	N/A N/A	Pass Pass	
f) Transmitted message valid location Message Bits 109 to 114	≤ 500m of actual beacon location 100001	m N/A	22.96 100001	Actual Position: N 50° 52.1423', W 1° 14.6799' Encoded Position: N 50° 52' 8", W 1° 14' 39.98" Position Error: 22.96 m
g) GNSS Receiver on time	≥ 30 minutes after beacon activation	min	30.06	36 Hex message: FFFE2F8C9DFFD08FCCD012092FF84FBEA8E5 GNSS Sleep 08:35:34 UTC
h) GNSS Receiver reactivation time (or must be already on)	Offset minutes +/- 5 seconds past next natural hour	min	1	GNSS Reactivation 09:01:00 UTC
i) GNSS Receiver on time	≥ 15 minutes after reactivation	min	15	GNSS Sleep 09:16:00 UTC
j) Transmitted message valid location Message Bits 109 to 114	≤ 500m of actual beacon location 100001	m N/A	22.96 100001	Actual Position: N 50° 52.1423', W 1° 14.6799' Encoded Position: N 50° 52' 8", W 1° 14' 39.98" Position Error: 22.96 m
k) GNSS Receiver reactivation time (or must be already on)	Offset minutes +/- 5 seconds past next natural hour	min	1	36 Hex message: FFFE2F8C9DFFD08FCCD012092FF84FBEA8E5 GNSS Reactivation at 10:01:00
m) GNSS Receiver on time	≥ 15 minutes after reactivation	min	N/T	15 min period does not apply as the RLM was received at 10:03:59 UTC and beacon only accepts Type-1 RLM. Part m) is not applicable.
n) Time to indicate RLM receipt	≤ 15 minutes after receiver reactivation	min	2.98	RLM was received at 10:03:59 UTC
o) Transmitted Message Bits 109 to 114 *	101001	N/A	101001	Actual Position: N 50° 52.1423', W 1° 14.6799' Encoded Position: N 50° 52' 8", W 1° 14' 39.98" Position Error: 22.96 m 36 Hex message: FFFE2F8C9DFFD08FCCD012092FF84FBEA421



Parameters to be Measured	Range of Specification	Units	Test Results	Comments
A.3.8.4 RLS GNSS Receiver Satellite Tracking	Correct	P/F	P	See Manufacturer document: 921S-04238 Issue 01.00 RLB-44 + RLB-45 + RLB-43 AIS - RLS GNSS Receiver Satellite Tracking
19. Prevention of Continuous Transmission				<b>Not Applicable</b>
20. Activation and Cancellation Message Test (ELT (DT)) only)				<b>Not Applicable</b>
21. Testing Beacon Controls				<b>Result: Not tested*</b>
<b>Model: EPIRB3 Pro, S/N: TA000005, TUV Ref: TSR2 and Modification State 1</b>				
Comply with A.3.10.1 (i)		P/F	N/T	* See section 2.16
Comply with A.3.10.1 (ii)		P/F	N/T	
Comply with A.3.10.2		P/F	N/T	



## 2.1 POWER OUTPUT

### 2.1.1 Specification

Cospas-Sarsat T.007, Clause A.2.1 (a)

### 2.1.2 Equipment Under Test and Modification State

RLB-44 S/N: TA000003 - Modification State 1

### 2.1.3 Date of Test

14 March 2022, 16 March 2022 & 18 March 2022

### 2.1.4 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

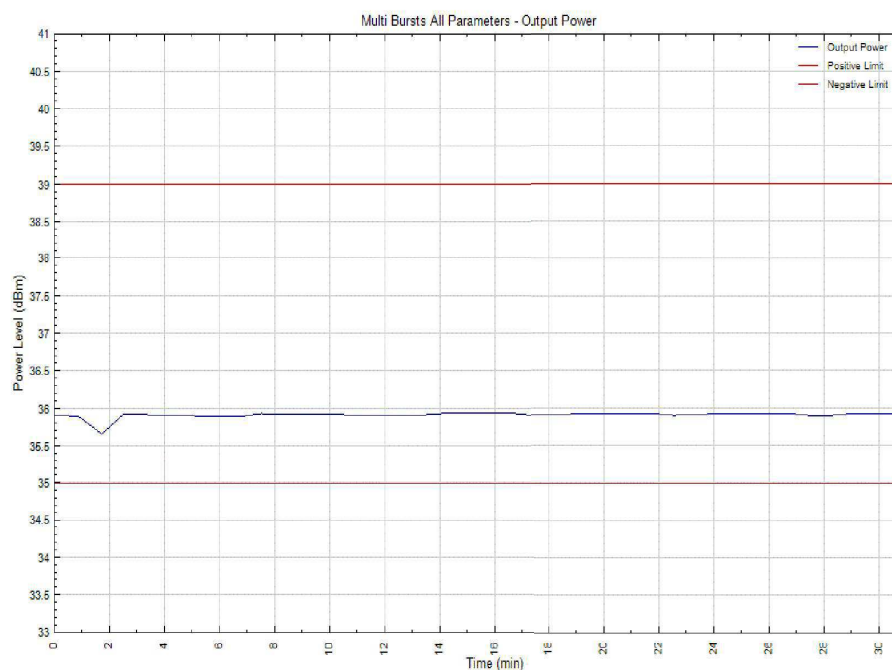
### 2.1.5 Laboratory Environmental Conditions

Ambient Temperature 23.8 - 25.5°C

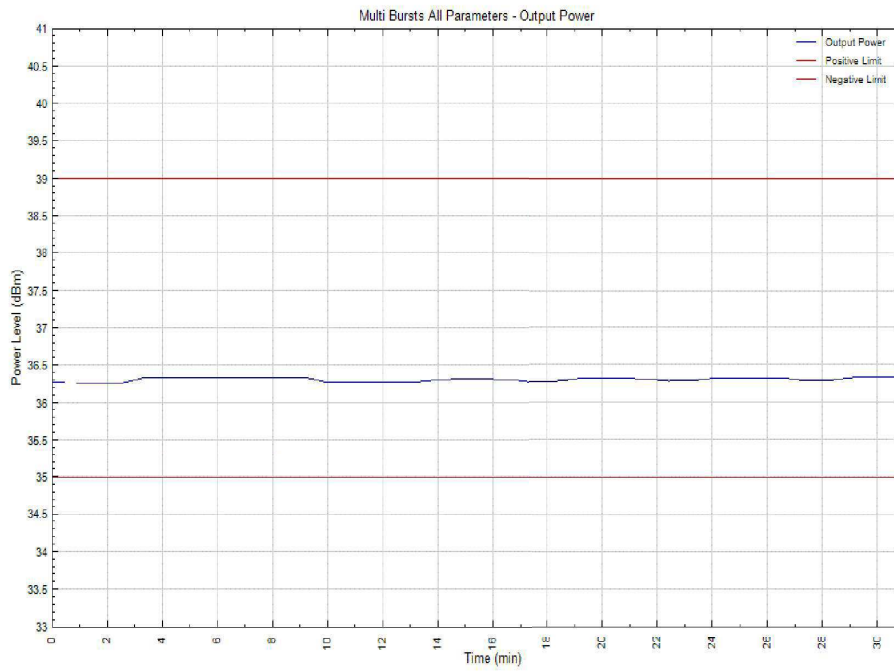
Relative Humidity 27.0 - 36.4%

### 2.1.6 Test Results

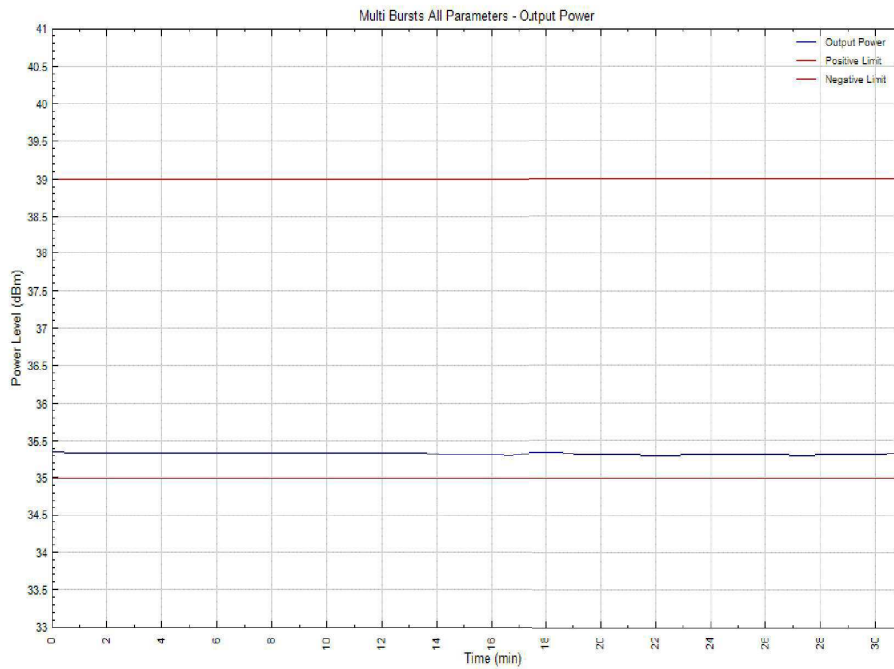
#### Ambient Temperature



**Low Temperature (-20°C)**



**High Temperature (+55°C)**



**Summary**

The EUT complies with clause A.3.2.2 of Cospas-Sarsat T.007.



## **2.2 DIGITAL MESSAGE**

### **2.2.1 Specification**

Cospas-Sarsat T.007, Clause A.2.1 (b)

### **2.2.2 Equipment Under Test and Modification State**

RLB-44 S/N: TA000003 - Modification State 1

### **2.2.3 Date of Test**

14 March 2022, 16 March 2022 & 18 March 2022

### **2.2.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.2.5 Laboratory Environmental Conditions**

Ambient Temperature 23.8 - 25.5°C  
Relative Humidity 27.0 - 36.4%

### **2.2.6 Test Results**

Test Duration: 30 minutes  
No. of bursts: 38

## Ambient Temperature

### Burst 1 Decoded Beacon Message

Hexadecimal code: **FFFE2F8C9DFE7018DFE7F8129DF861F0FABE**

The code consists of 36 hexadecimal characters representing a first generation beacon message with the format flag set to Long including bit and frame synchronization pattern prefix (24 bits) as defined by T.001 Issue 4 - Rev.6.

Unique identifier:  
193BFCE031BFDFF

Binary Range	Binary Content	Field Name	Decoded Value
1-15	1111111111 11111	Bit-synchronization pattern consisting of "1"s shall occupy the first 15-bit positions	True
16-24	000101111	Frame Synchronization Pattern	Normal beacon operation
25	1	Format Flag	Long Message
26	0	Protocol Flag	Location, further information provided in "Protocol Code"
27-36	0011001001	Country code:  For associated SAR Points of Contact (SPOC) related to Albania - 201 :	Albania - 201  <a href="#">Search Contact list here</a>
37-40	1101	Protocol Code	RLS Location Protocol
41-42	11	Beacon type	RLS Test Location
43-46	1111	Identification type	RLS protocol coded with MMSI last 6 digits
47-66	1001110000 0001100011	Last 6 digits MMSI	639075
67-75	011111111	Latitude	Default - no location (Default - no location)
76-85	011111111	Longitude	Default - no location (Default - no location)
86-106	000001001 0100111011 1	BCH-1 error correcting code	BCH-1 code in message matches the recalculated BCH-1 from the PDF-1 field
107	1	Encoded position source	Encoded position data is provided by an internal navigation device
108	1	121.5 Mhz Homing Device	Included in beacon
109	1	Beacon capability to process and automatically generated RLM Type-1	Capable to process an automatically generated RLM Type-1
110	0	Beacon capability to process a manually generated RLM Type-1 RLM Type-2	Not capable to process a manually generated RLM Type-2
111	0	Beacon Feedback on receipt of RLM Type-1	RLM Type-1 (automatic) not received by this beacon
112	0	Beacon Feedback on receipt of RLM Type-2	RLM Type-2 (manual) not received by this beacon
113-114	01	RLS Provider Identification	GALILEO Return Link Service Provider
115-123	100001111	Latitude offset	Default value
124-132	100001111	Longitude offset	Default value
133-144	1010101111 10	BCH-2 error correcting code	BCH-2 code in message matches the recalculated BCH-2 from the PDF-2 field



## Low Temperature (-20°C)

### Burst 1 Decoded Beacon Message

Hexadecimal code: **FFFE2F8C9DFE7018DFEFF8129DF861F0FABE**

The code consists of 36 hexadecimal characters representing a first generation beacon message with the format flag set to Long including bit and frame synchronization pattern prefix (24 bits) as defined by T.001 Issue 4 - Rev.6.

Unique identifier:  
193BFCE031BFDFF

Binary Range	Binary Content	Field Name	Decoded Value
1-15	1111111111111111	Bit-synchronization pattern consisting of "1"s shall occupy the first 15-bit positions	True
16-24	000101111	Frame Synchronization Pattern	Normal beacon operation
25	1	Format Flag	Long Message
26	0	Protocol Flag	Location, further information provided in "Protocol Code"
27-36	0011001001	Country code:  For associated SAR Points of Contact (SPoC) related to Albania - 201 :	Albania - 201  <a href="#">Search Contact list here</a>
37-40	1101	Protocol Code	RLS Location Protocol
41-42	11	Beacon type	RLS Test Location
43-46	1111	Identification type	RLS protocol coded with MMSI last 6 digits
47-66	1001110000 0001100011	Last 6 digits MMSI	639075
67-75	0111111111	Latitude	Default - no location (Default - no location)
76-85	0111111111	Longitude	Default - no location (Default - no location)
86-106	0000001001 0100111011 1	BCH-1 error correcting code	BCH-1 code in message matches the recalculated BCH-1 from the PDF-1 field
107	1	Encoded position source	Encoded position data is provided by an internal navigation device
108	1	121.5 Mhz Homing Device	Included in beacon
109	1	Beacon capability to process and automatically generated RLM Type-1	Capable to process an automatically generated RLM Type-1
110	0	Beacon capability to process a manually generated RLM Type-1 RLM Type-2	Not capable to process a manually generated RLM Type-2
111	0	Beacon Feedback on receipt of RLM Type-1	RLM Type-1 (automatic) not received by this beacon
112	0	Beacon Feedback on receipt of RLM Type-2	RLM Type-2 (manual) not received by this beacon
113-114	01	RLS Provider Identification	GALILEO Return Link Service Provider
115-123	100001111	Latitude offset	Default value
124-132	100001111	Longitude offset	Default value
133-144	1010101111 10	BCH-2 error correcting code	BCH-2 code in message matches the recalculated BCH-2 from the PDF-2 field



## High Temperature (+55°C)

### Burst 1 Decoded Beacon Message

Hexadecimal code: **FFFE2F8C9DFE7018DFEFF8129DF861F0FABE**

The code consists of 36 hexadecimal characters representing a first generation beacon message with the format flag set to Long including bit and frame synchronization pattern prefix (24 bits) as defined by T.001 Issue 4 - Rev.6.

Unique identifier:  
193BFCE031BFDFDF

Binary Range	Binary Content	Field Name	Decoded Value
1-15	1111111111 11111	Bit-synchronization pattern consisting of "1"s shall occupy the first 15-bit positions	True
16-24	000101111	Frame Synchronization Pattern	Normal beacon operation
25	1	Format Flag	Long Message
26	0	Protocol Flag	Location, further information provided in "Protocol Code"
27-36	0011001001	Country code:	Albania - 201
		For associated SAR Points of Contact (SPOC) related to Albania - 201 :	<a href="#">Search Contact list here</a>
37-40	1101	Protocol Code	RLS Location Protocol
41-42	11	Beacon type	RLS Test Location
43-46	1111	Identification type	RLS protocol coded with MMSI last 6 digits
47-66	1001110000 0001100011	Last 6 digits MMSI	639075
67-75	011111111	Latitude	Default - no location (Default - no location)
76-85	011111111	Longitude	Default - no location (Default - no location)
86-106	000001001 0100111011 1	BCH-1 error correcting code	BCH-1 code in message matches the recalculated BCH-1 from the PDF-1 field
107	1	Encoded position source	Encoded position data is provided by an internal navigation device
108	1	121.5 Mhz Homing Device	Included in beacon
109	1	Beacon capability to process and automatically generated RLM Type-1	Capable to process an automatically generated RLM Type-1
110	0	Beacon capability to process a manually generated RLM Type-1 RLM Type-2	Not capable to process a manually generated RLM Type-2
111	0	Beacon Feedback on receipt of RLM Type-1	RLM Type-1 (automatic) not received by this beacon
112	0	Beacon Feedback on receipt of RLM Type-2	RLM Type-2 (manual) not received by this beacon
113-114	01	RLS Provider Identification	GALILEO Return Link Service Provider
115-123	100001111	Latitude offset	Default value
124-132	100001111	Longitude offset	Default value
133-144	1010101111 10	BCH-2 error correcting code	BCH-2 code in message matches the recalculated BCH-2 from the PDF-2 field



### Summary

The EUT complies with clause A.3.1.4 of Cospas-Sarsat T.007.



## **2.3 MODULATION**

### **2.3.1 Specification**

Cospas-Sarsat T.007, Clause A.2.1 (d)

### **2.3.2 Equipment Under Test and Modification State**

RLB-44 S/N: TA000003 - Modification State 1

### **2.3.3 Date of Test**

14 March 2022, 16 March 2022 & 18 March 2022

### **2.3.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.3.5 Laboratory Environmental Conditions**

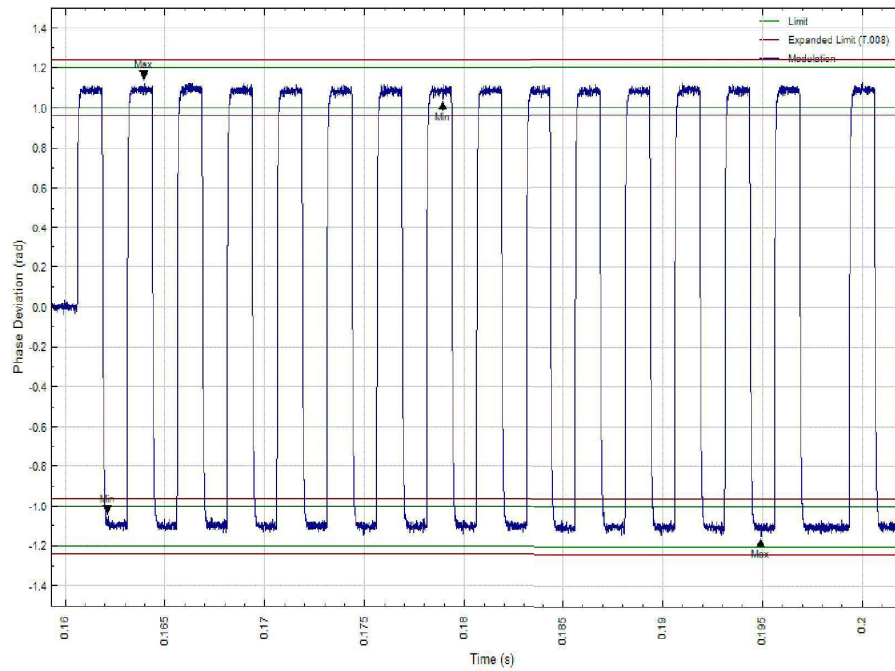
Ambient Temperature 23.8 - 25.5°C  
Relative Humidity 27.0 - 36.4%

### **2.3.6 Test Results**

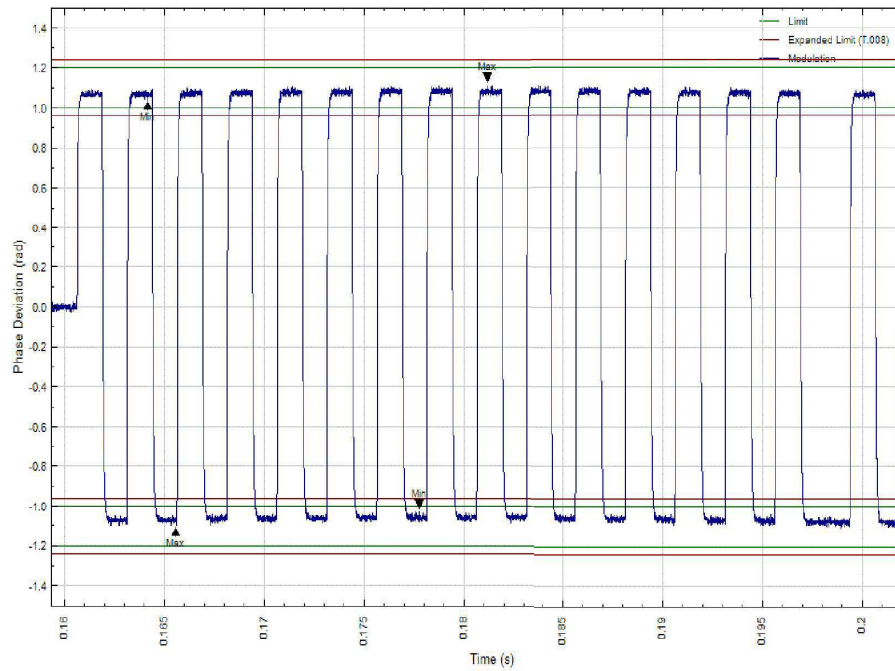
Test Duration: 30 minutes  
No. of bursts: 38



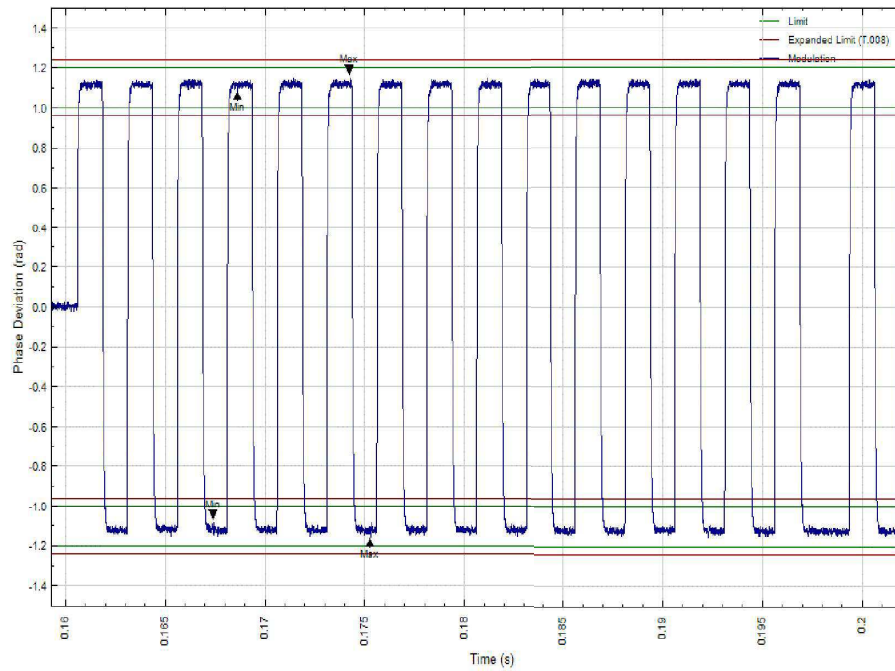
### Ambient Temperature



Low Temperature (-20°C)



## High Temperature (+55°C)



## Summary

The EUT complies with clause A.3.2.3 of Cospas-Sarsat T.007.



## **2.4 406 MHZ TRANSMITTED FREQUENCY**

### **2.4.1 Specification**

Cospas-Sarsat T.007, Clause A.2.1 (e)

### **2.4.2 Equipment Under Test and Modification State**

RLB-44 S/N: TA000003 - Modification State 1

### **2.4.3 Date of Test**

14 March 2022, 16 March 2022 & 18 March 2022

### **2.4.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

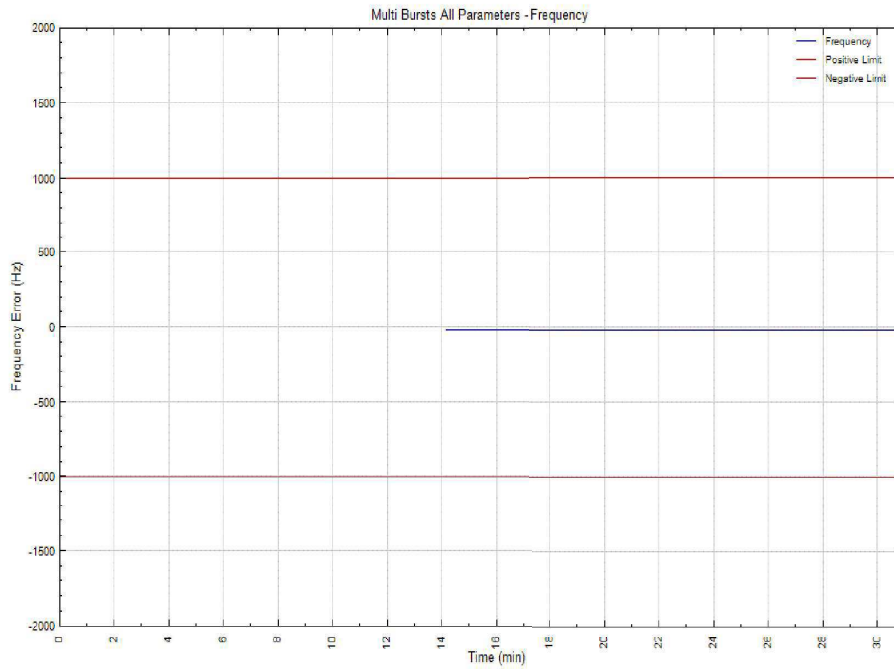
### **2.4.5 Laboratory Environmental Conditions**

Ambient Temperature 23.8 - 25.5°C  
Relative Humidity 27.0 - 36.4%

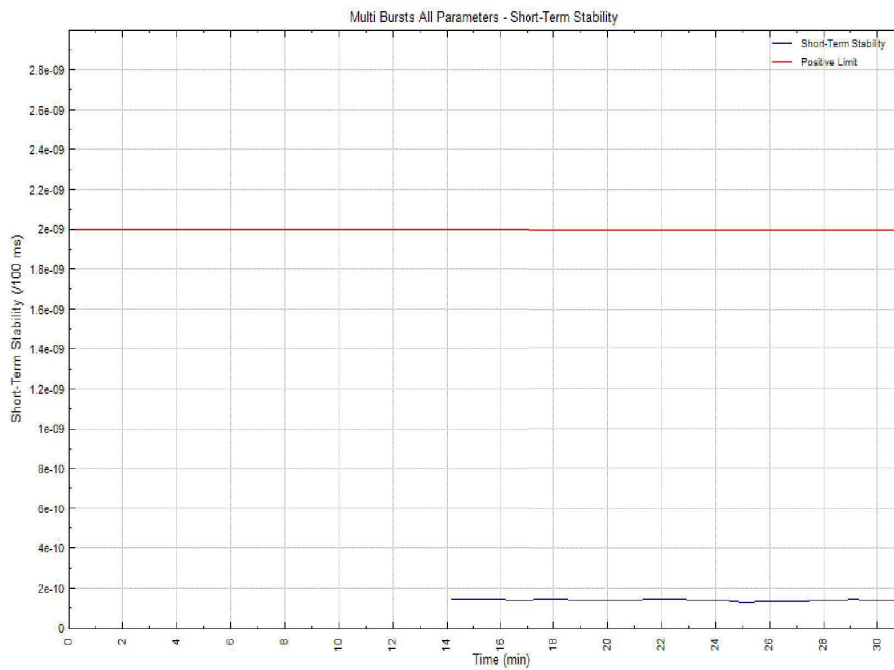
### **2.4.6 Test Results**

Ambient Temperature

Nominal Frequency

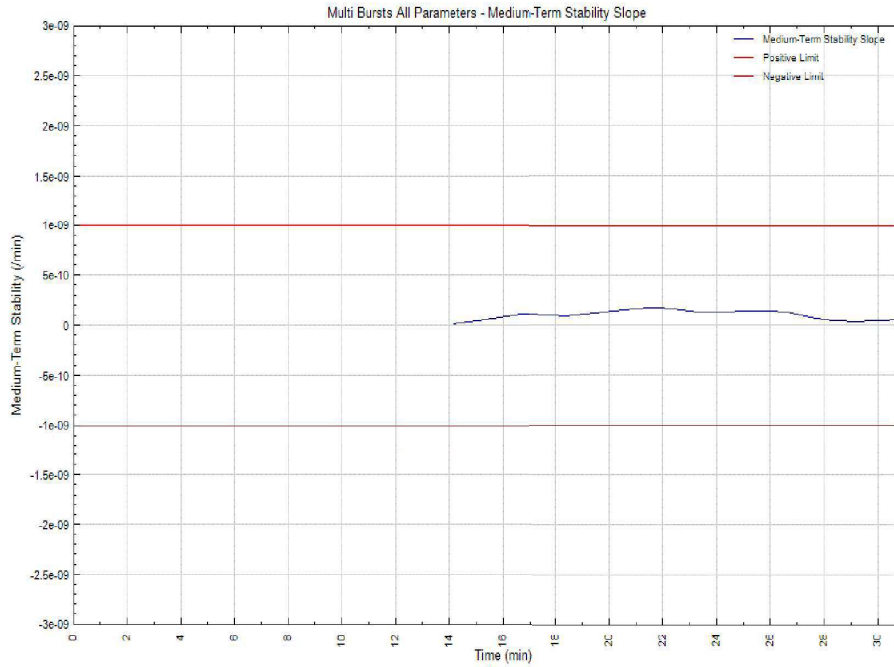


Short Term Stability

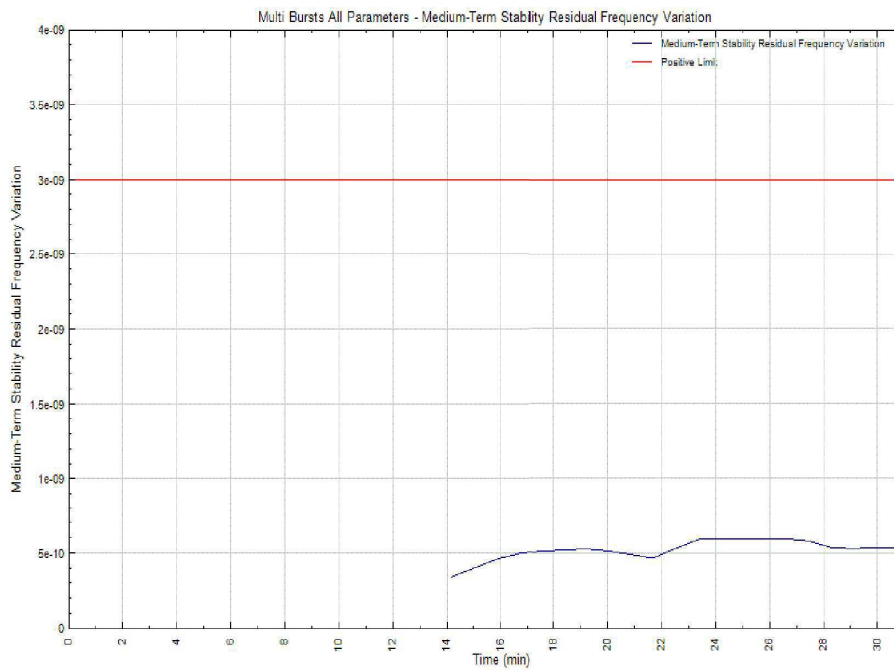




### Medium Term Stability – Slope



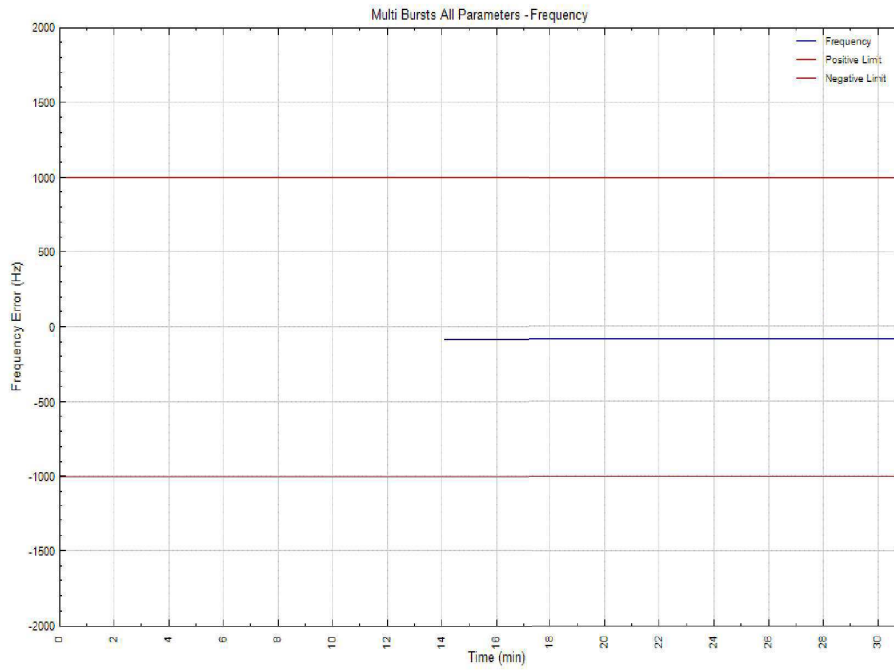
### Medium Term Stability – Residual Frequency Variation



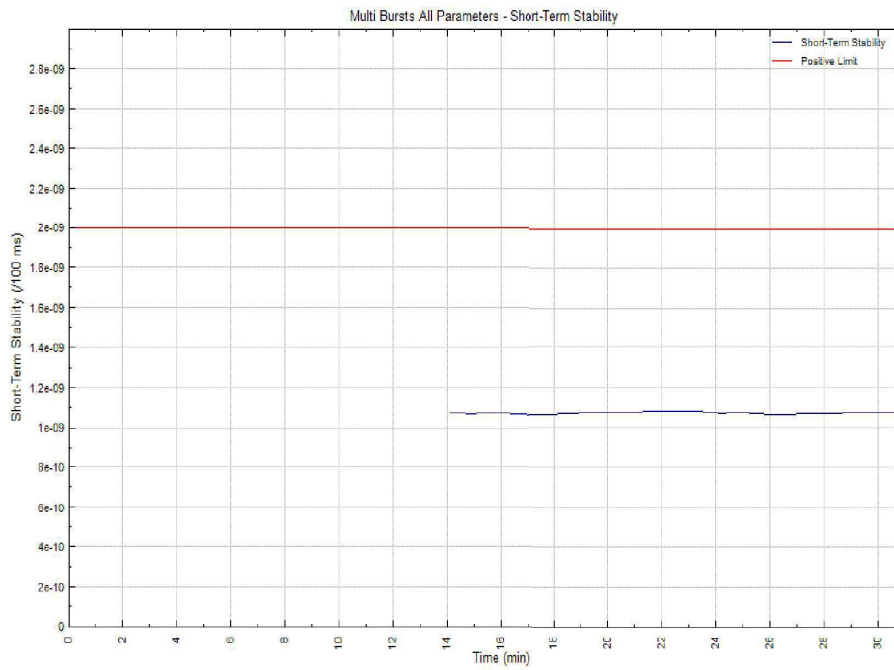


Low Temperature (-20°C)

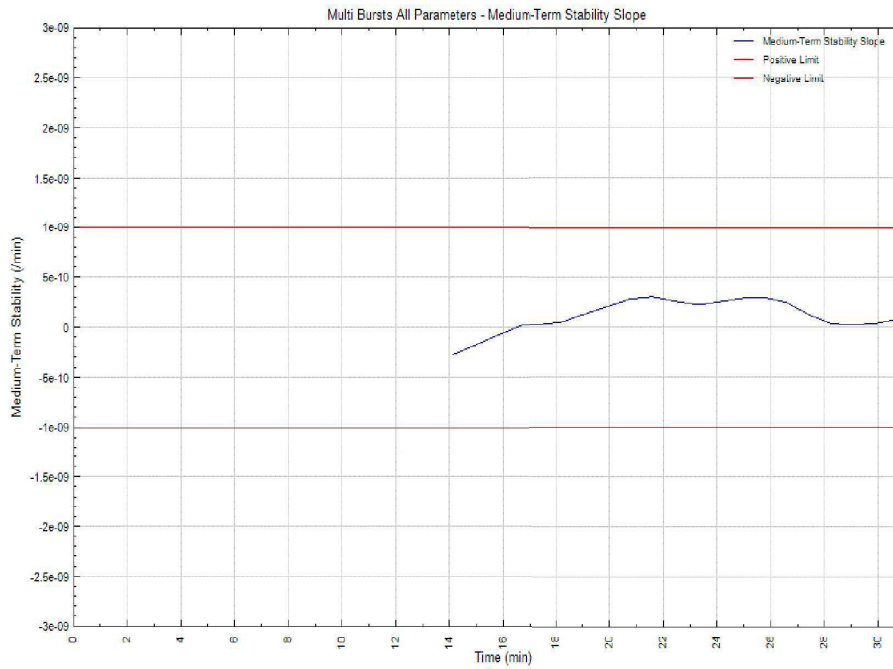
Nominal Frequency



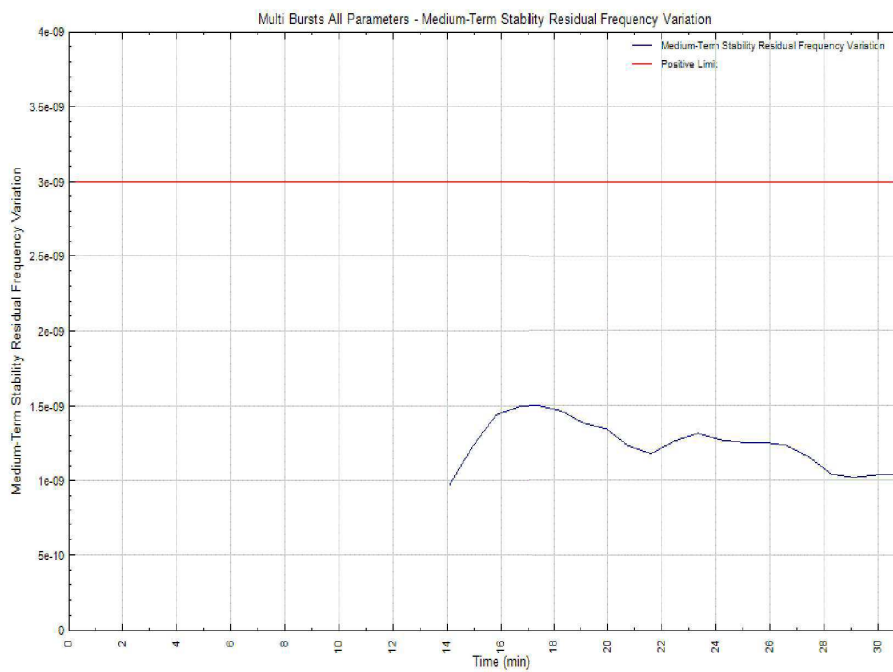
Short Term Stability



### Medium Term Stability – Slope



### Medium Term Stability – Residual Frequency Variation

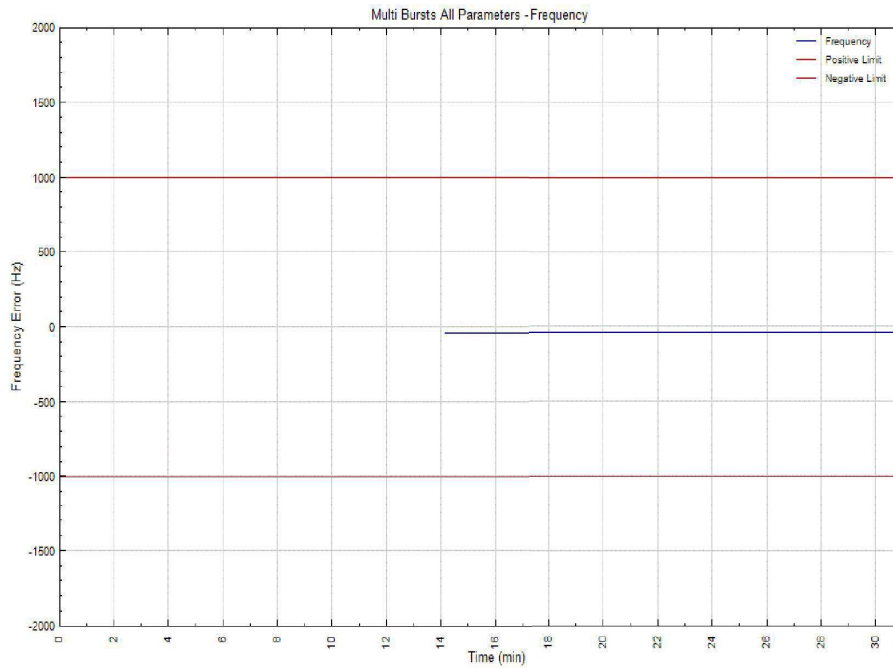




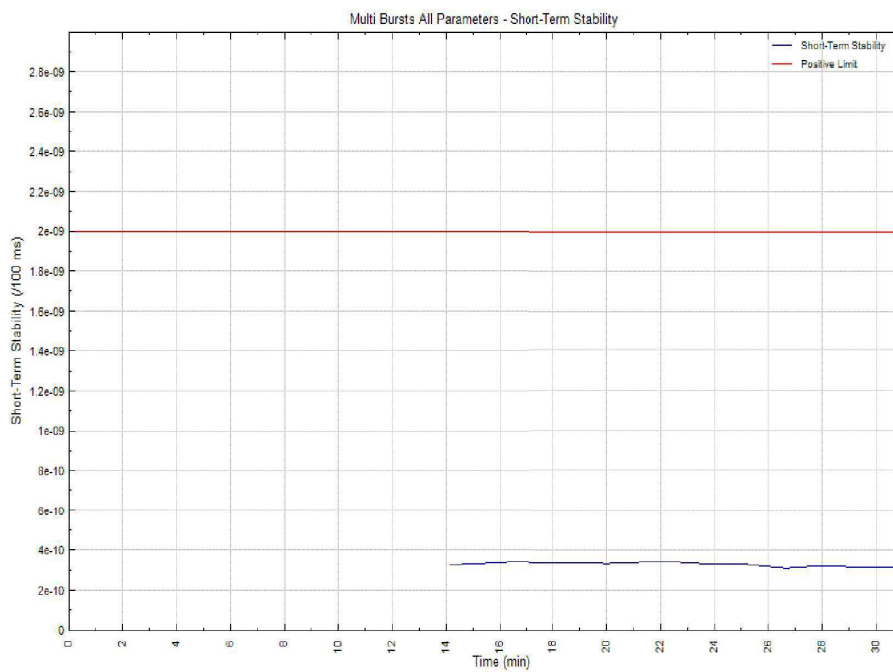


## High Temperature (+55°C)

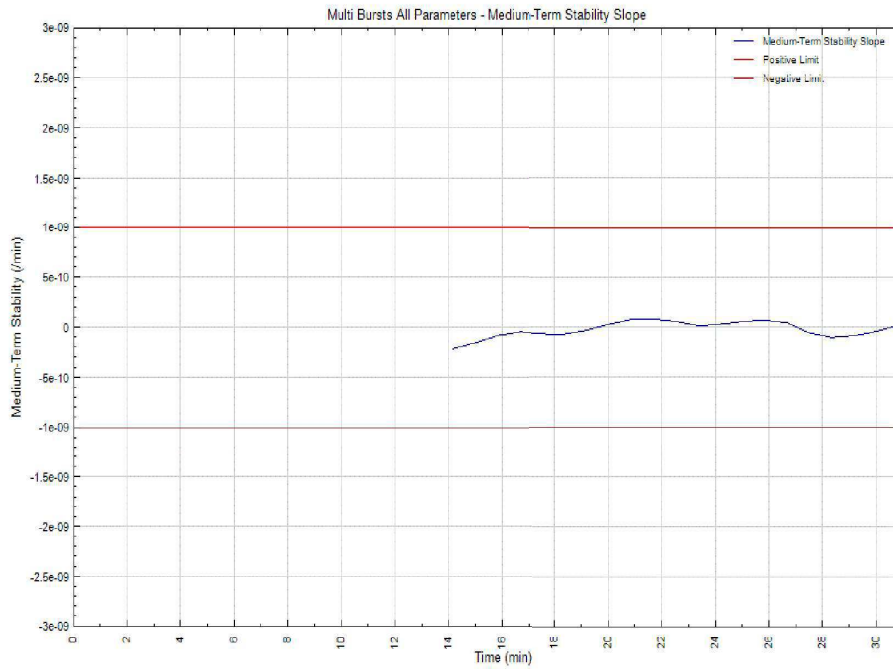
### Nominal Frequency



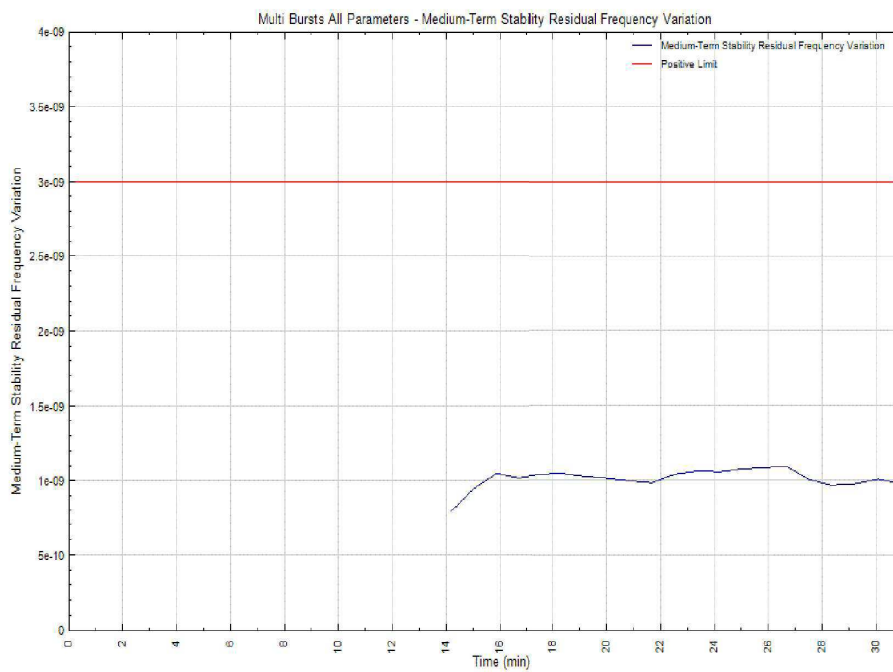
### Short Term Stability



### Medium Term Stability – Slope



### Medium Term Stability – Residual Frequency Variation



### Summary

The EUT complies with clause A.3.2.1 of Cospas-Sarsat T.007.



## **2.5 SPURIOUS EMISSIONS INTO 50 OHMS**

### **2.5.1 Specification**

Cospas-Sarsat T.007, Clause A.2.1 (f)

### **2.5.2 Equipment Under Test and Modification State**

RLB-44 S/N: TA000003 - Modification State 1

### **2.5.3 Date of Test**

14 March 2022, 16 March 2022 & 18 March 2022

### **2.5.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.5.5 Laboratory Environmental Conditions**

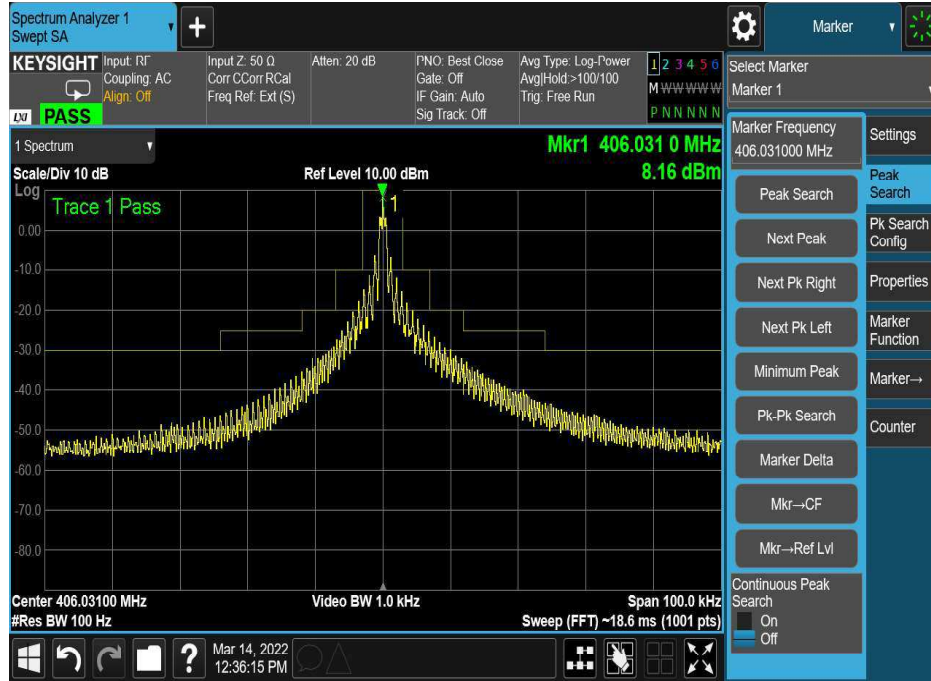
Ambient Temperature 23.2 - 24.3°C  
Relative Humidity 31.2 - 33.9%

### **2.5.6 Test Results**

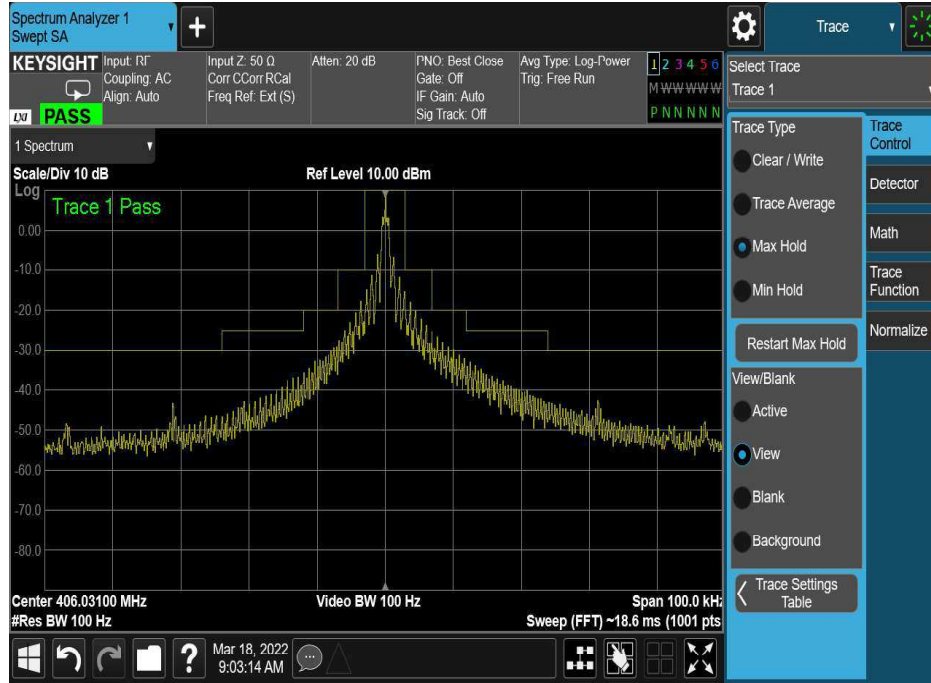
Test Duration: 30 minutes  
No. of bursts: 38



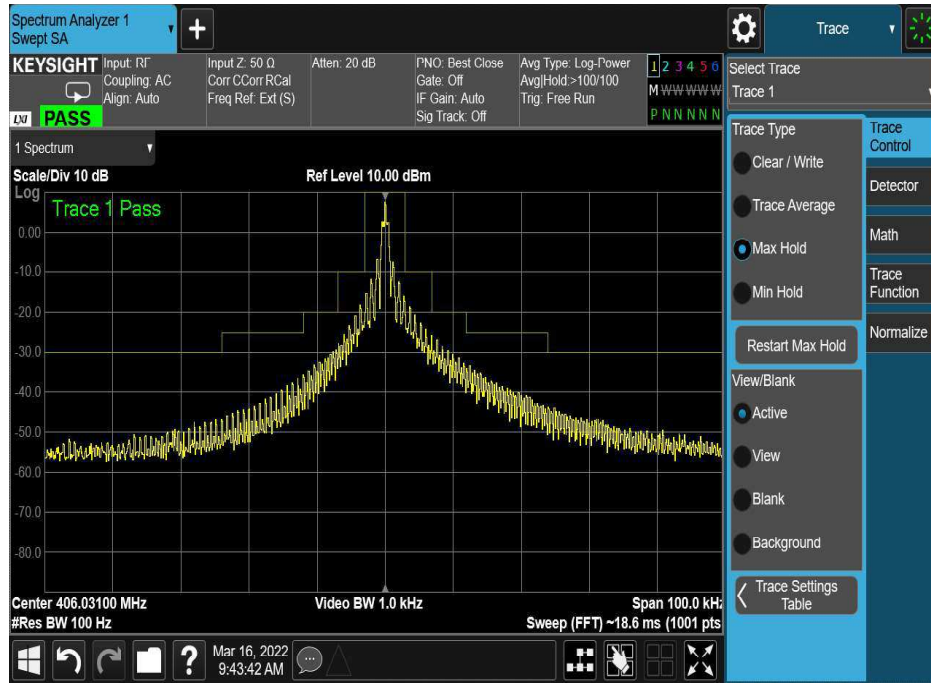
## Ambient Temperature



Low Temperature (-20°C)



### High Temperature (+55°C)



### Summary

The EUT complies with clause A.3.2.2.4 of Cospas-Sarsat T.007.



## **2.6 406 MHZ VSWR CHECK**

### **2.6.1 Specification**

Cospas-Sarsat T.007, Clause A.2.1 (g)

### **2.6.2 Equipment Under Test and Modification State**

RLB-44 S/N: TA000003 - Modification State 1

### **2.6.3 Date of Test**

14 March 2022, 16 March 2022 & 18 March 2022

### **2.6.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.6.5 Laboratory Environmental Conditions**

Ambient Temperature 24.3 - 26.6°C  
Relative Humidity 26.7 - 37.1%

### **2.6.6 Test Results**

Test Duration: 30 minutes  
No. of bursts: 38