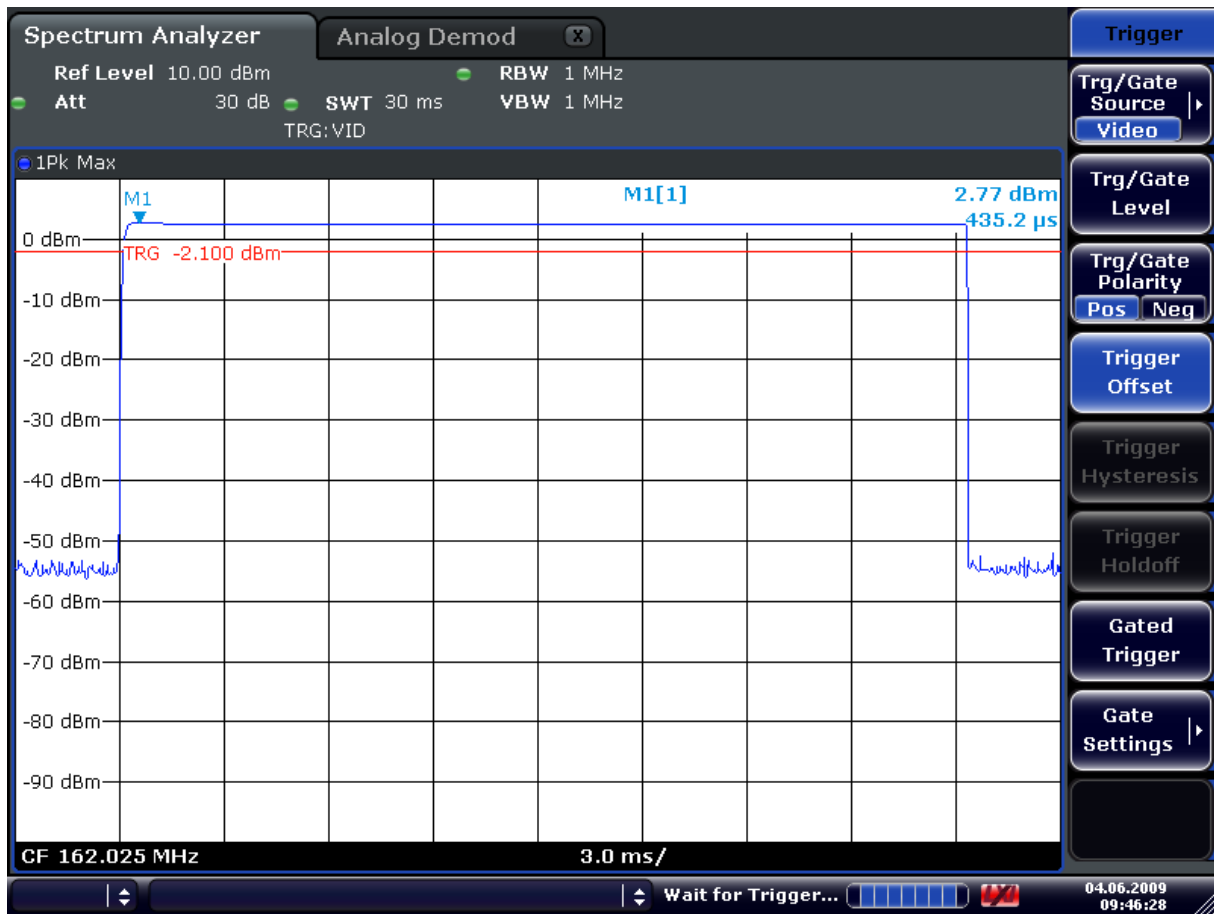
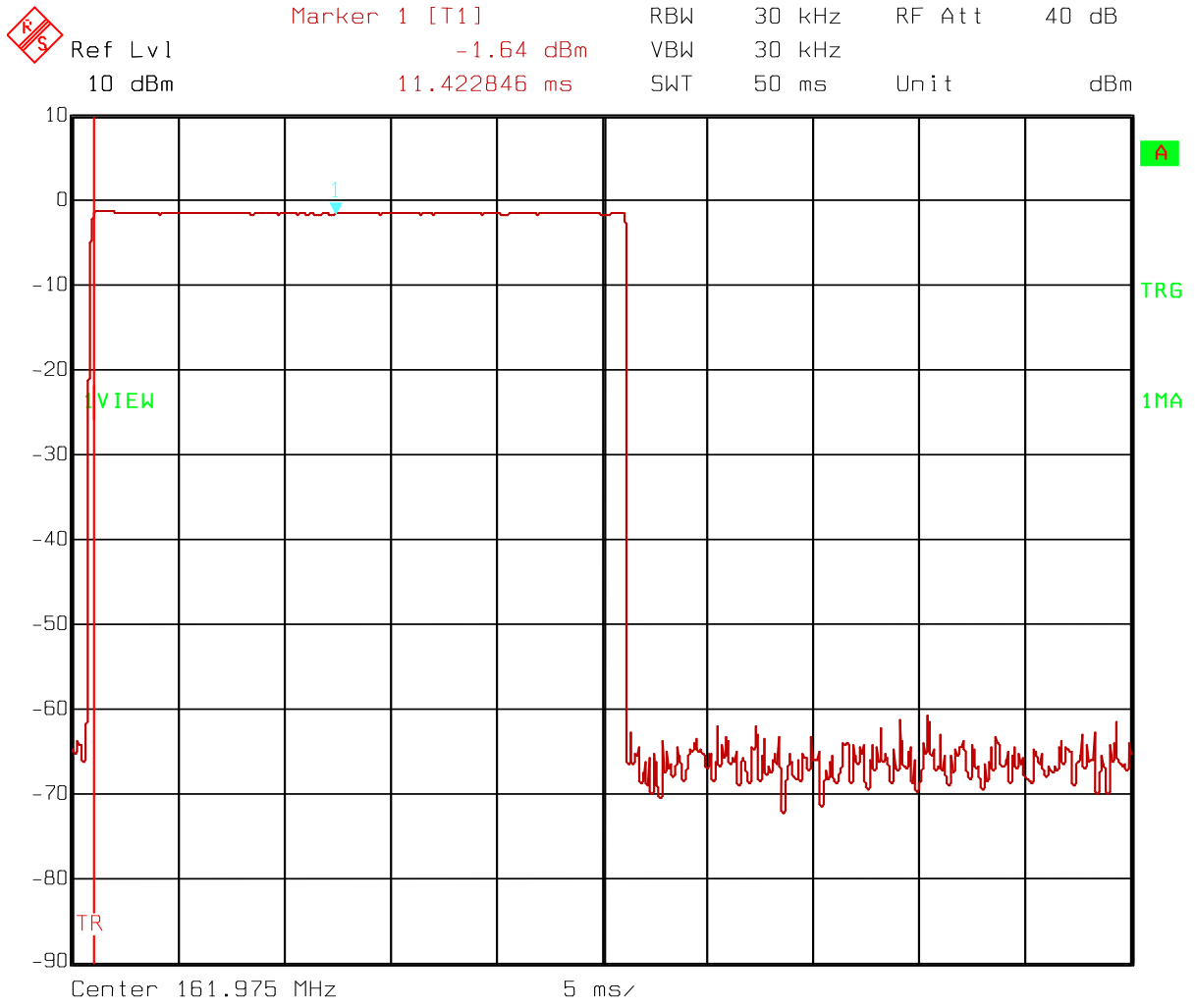


AIS 1: Extreme conditions, +55 degrees



AIS 2: Extreme conditions, +55 degrees

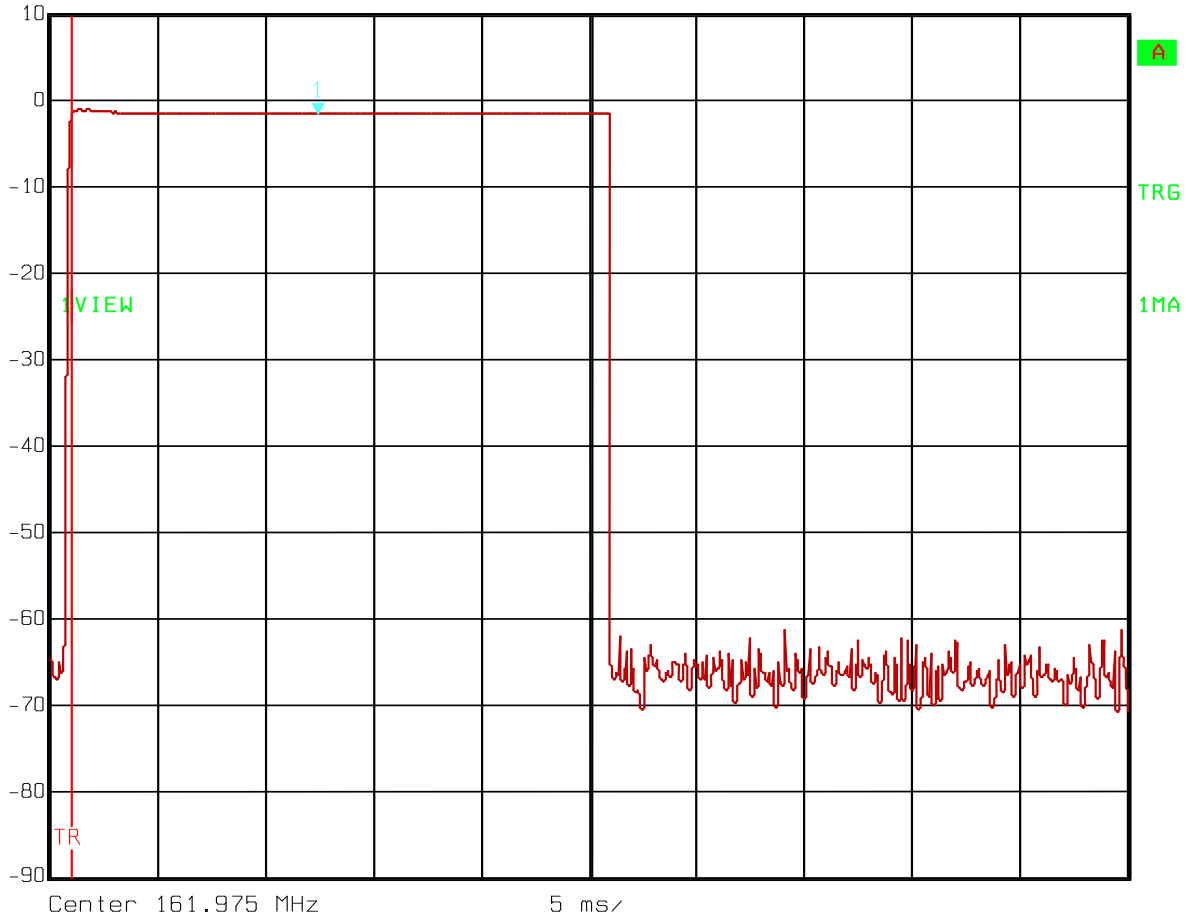
**9.3 Radiated power**



Date: 30.APR.2009 8:16:29

AIS 1: 0 degrees

 Ref Lvl 10 dBm      Marker 1 [T1] -1.61 dBm      RBW 30 kHz      RF Att 40 dB  
Unit dBm      11.422846 ms      VBW 30 kHz      SWT 50 ms

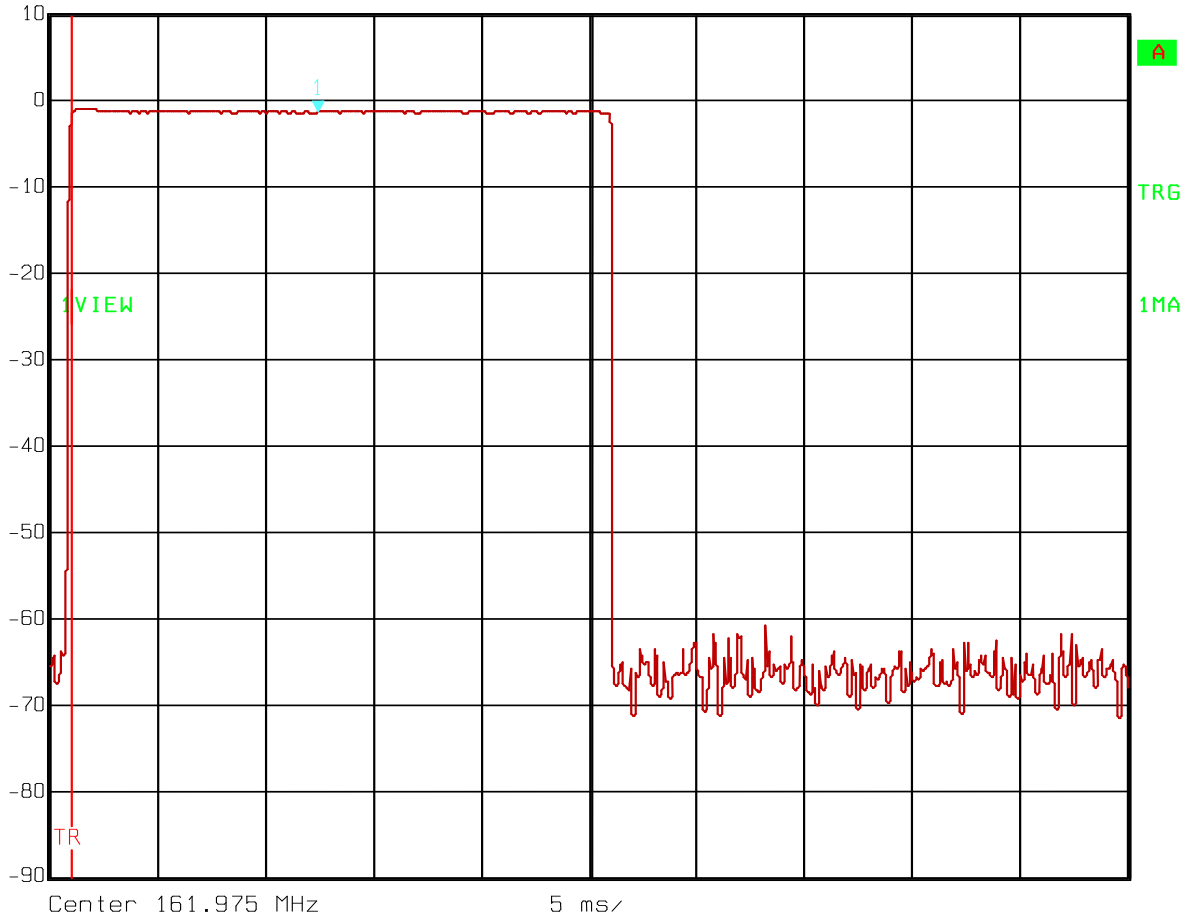


Date: 30.APR.2009 8:20:37

AIS 1: 90 degrees



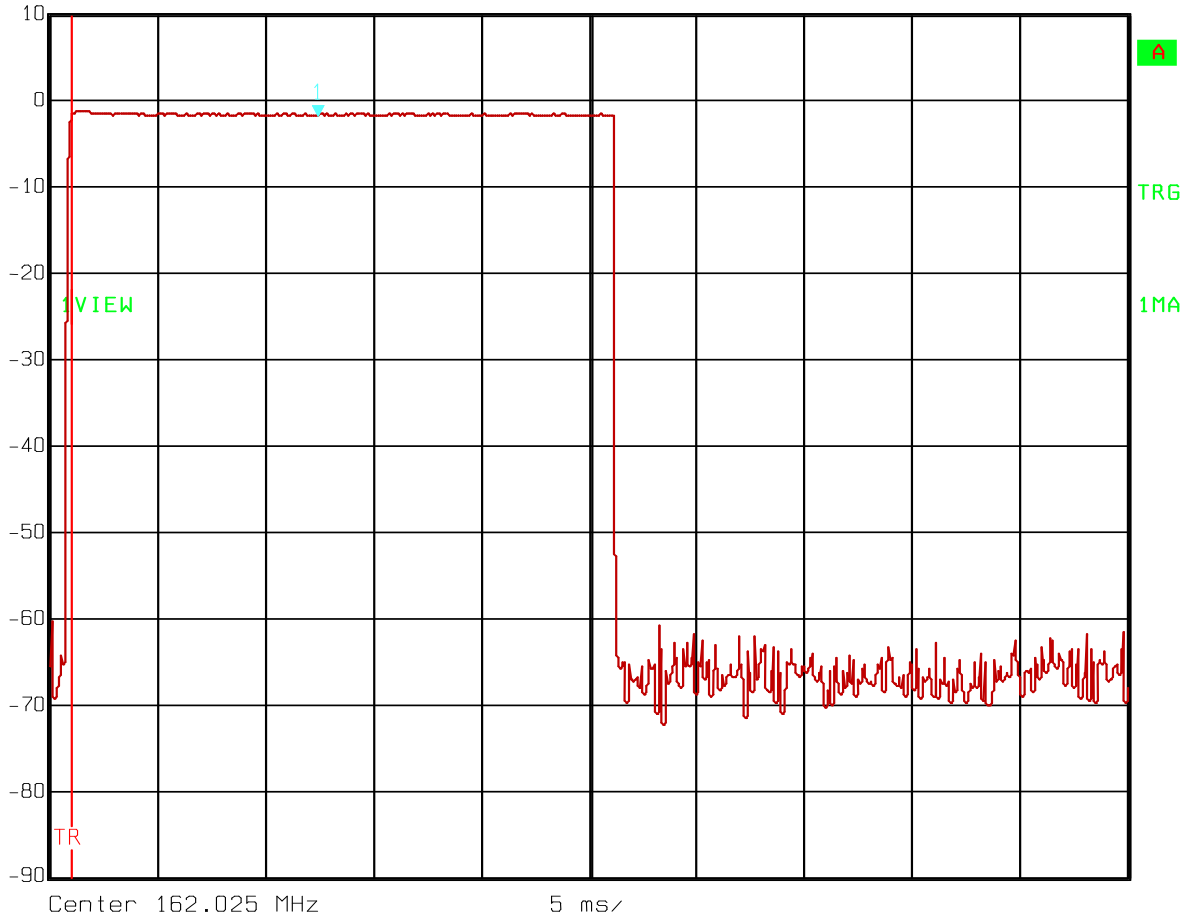
	Marker 1 [T1]	RBW	30 kHz	RF Att	40 dB
	Ref Lvl	-1.43 dBm	VBW	30 kHz	
	10 dBm	11.422846 ms	SWT	50 ms	Unit dBm



Date: 30.APR.2009 8:25:41

AIS 1: 270 degrees

	Marker 1 [T1]	RBW	30 kHz	RF Att	40 dB
	Ref Lvl	-1.79 dBm	VBW	30 kHz	
	10 dBm	11.422846 ms	SWT	50 ms	Unit dBm



Date: 30.APR.2009 8:40:37

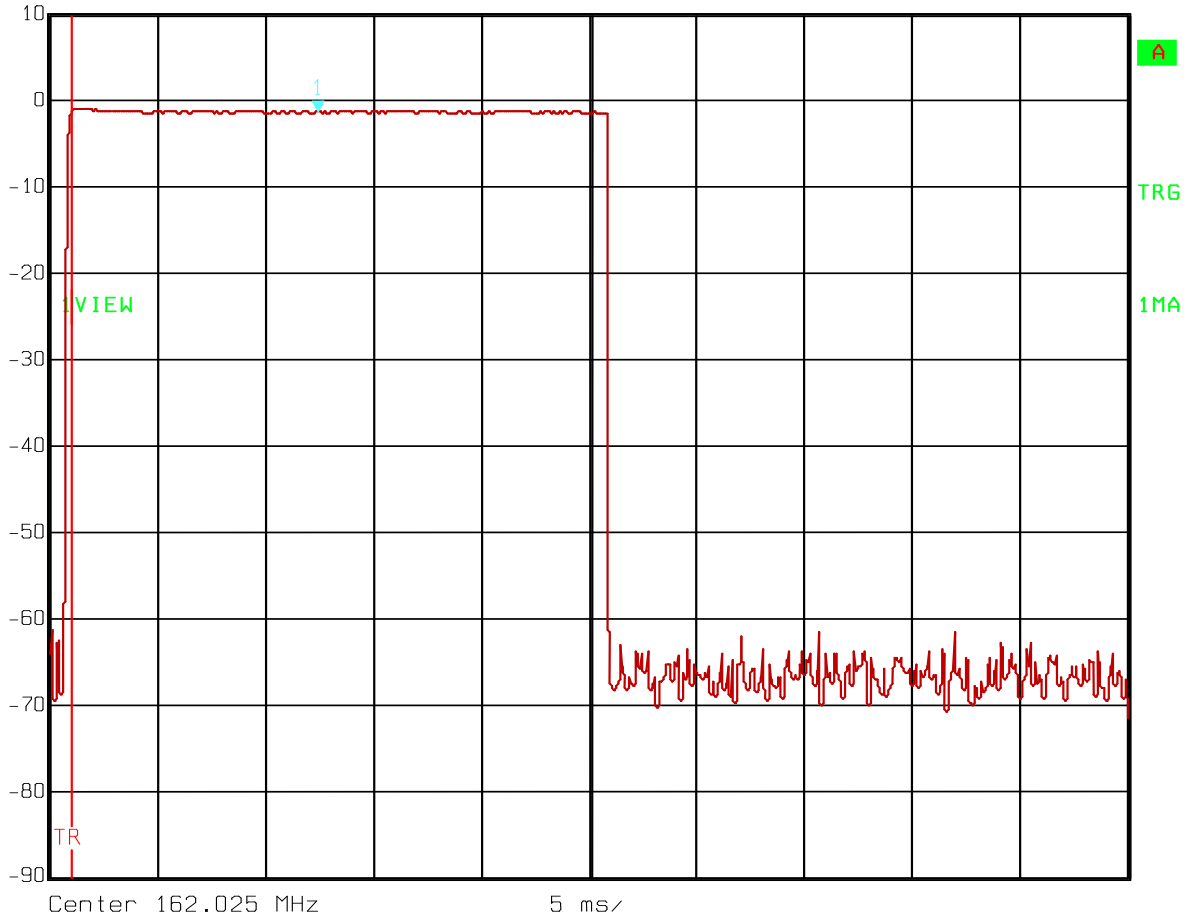
AIS 2: 0 degrees







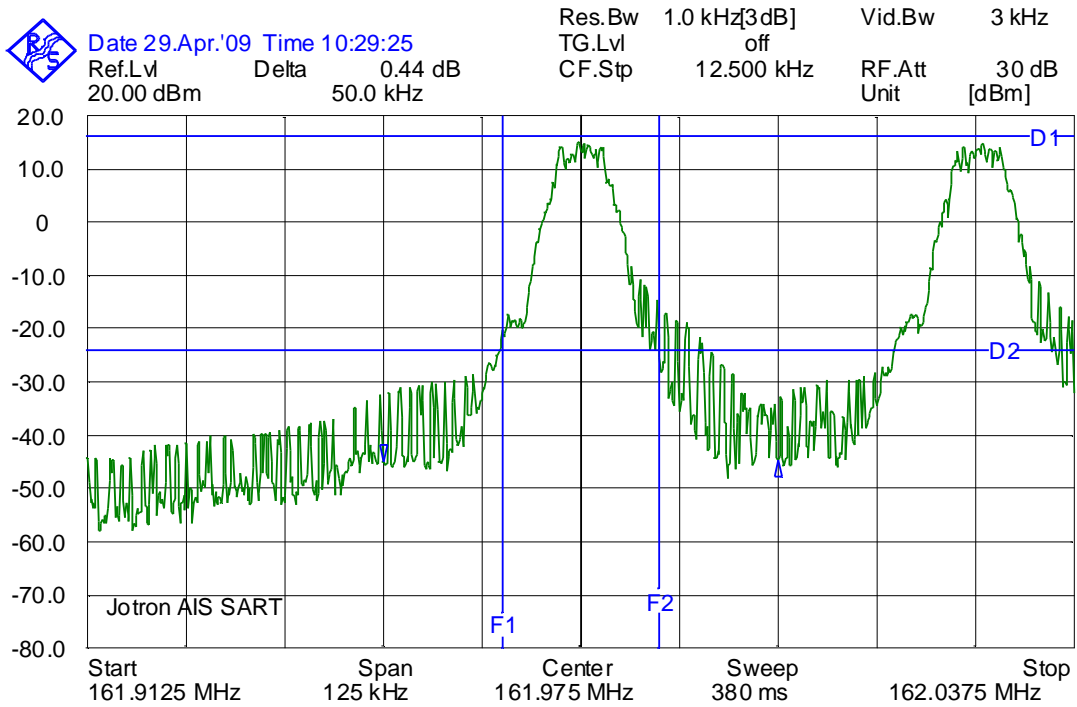
	Marker 1 [T1]	RBW	30 kHz	RF Att	40 dB
	Ref Lvl	-1.45 dBm	VBW	30 kHz	
	10 dBm	11.422846 ms	SWT	50 ms	Unit dBm



Date: 30.APR.2009 8:29:35

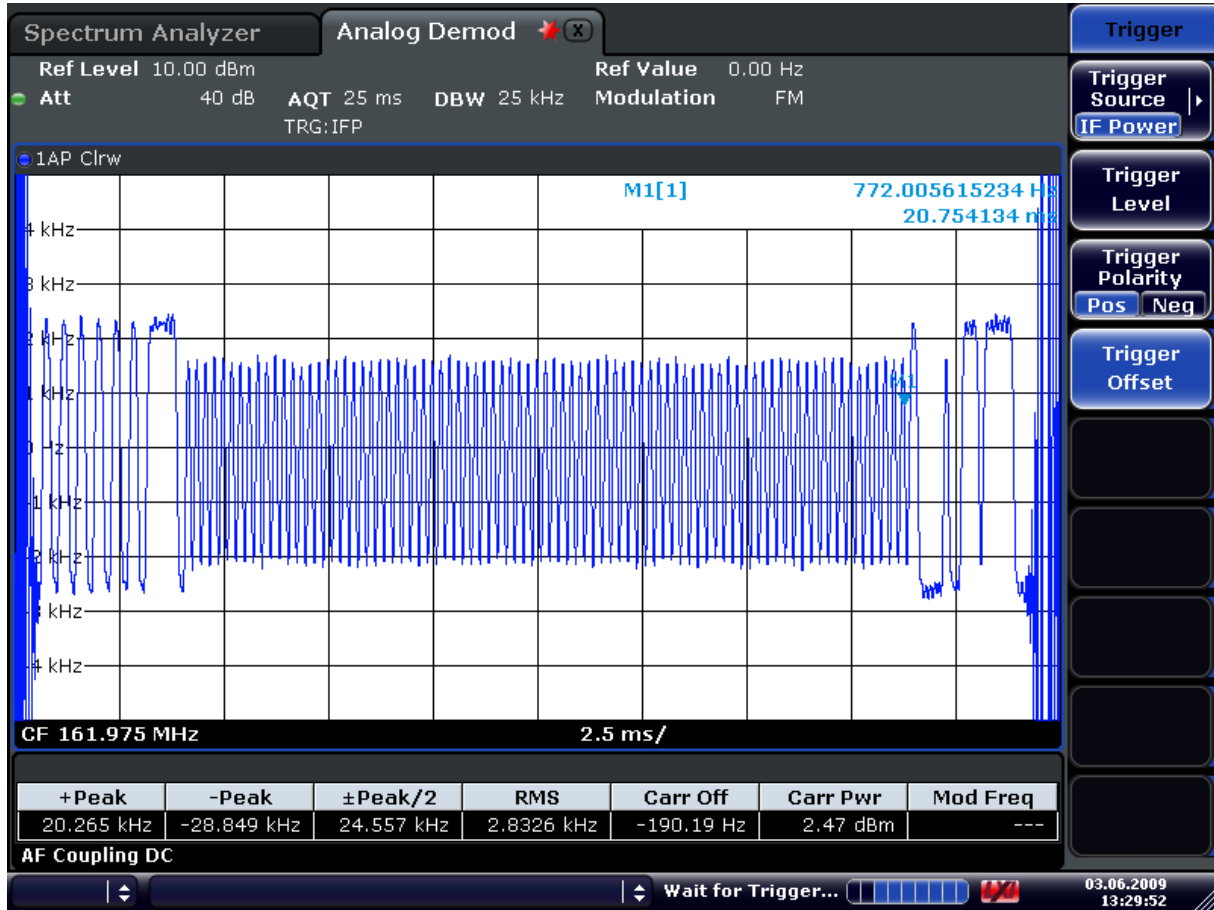
AIS 2: 270 degrees

**9.4 Modulation spectrum slotted transmission**

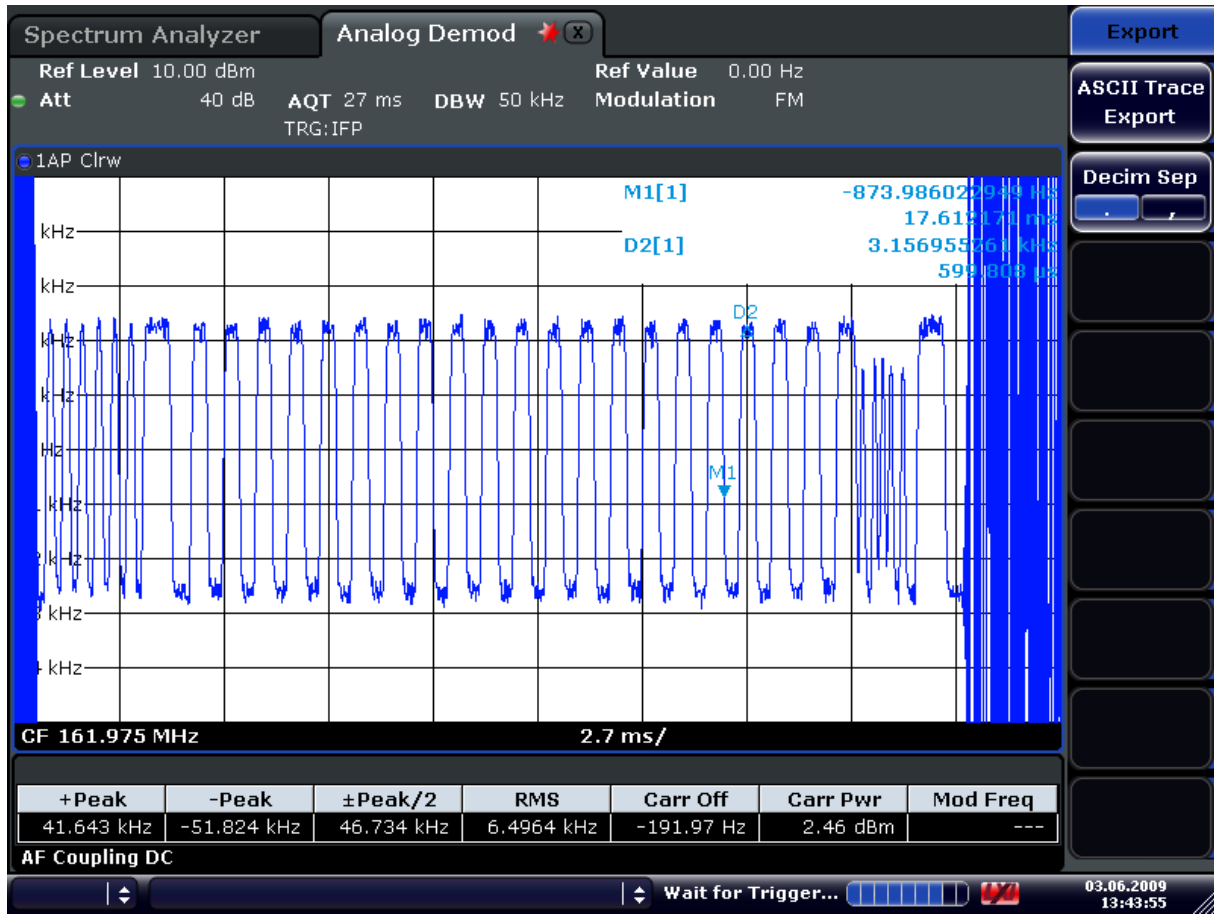


Normal conditions

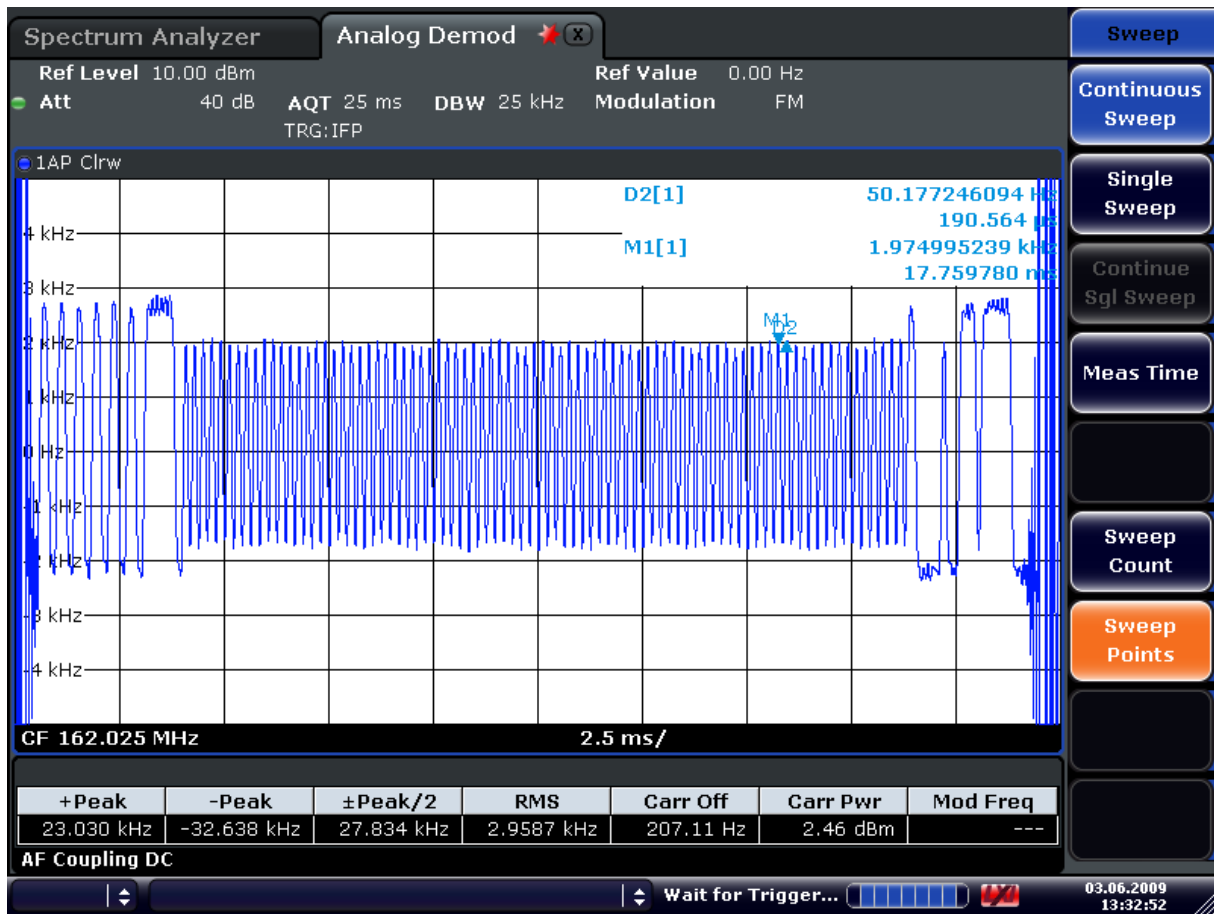
### 9.5 Transmitter test sequence



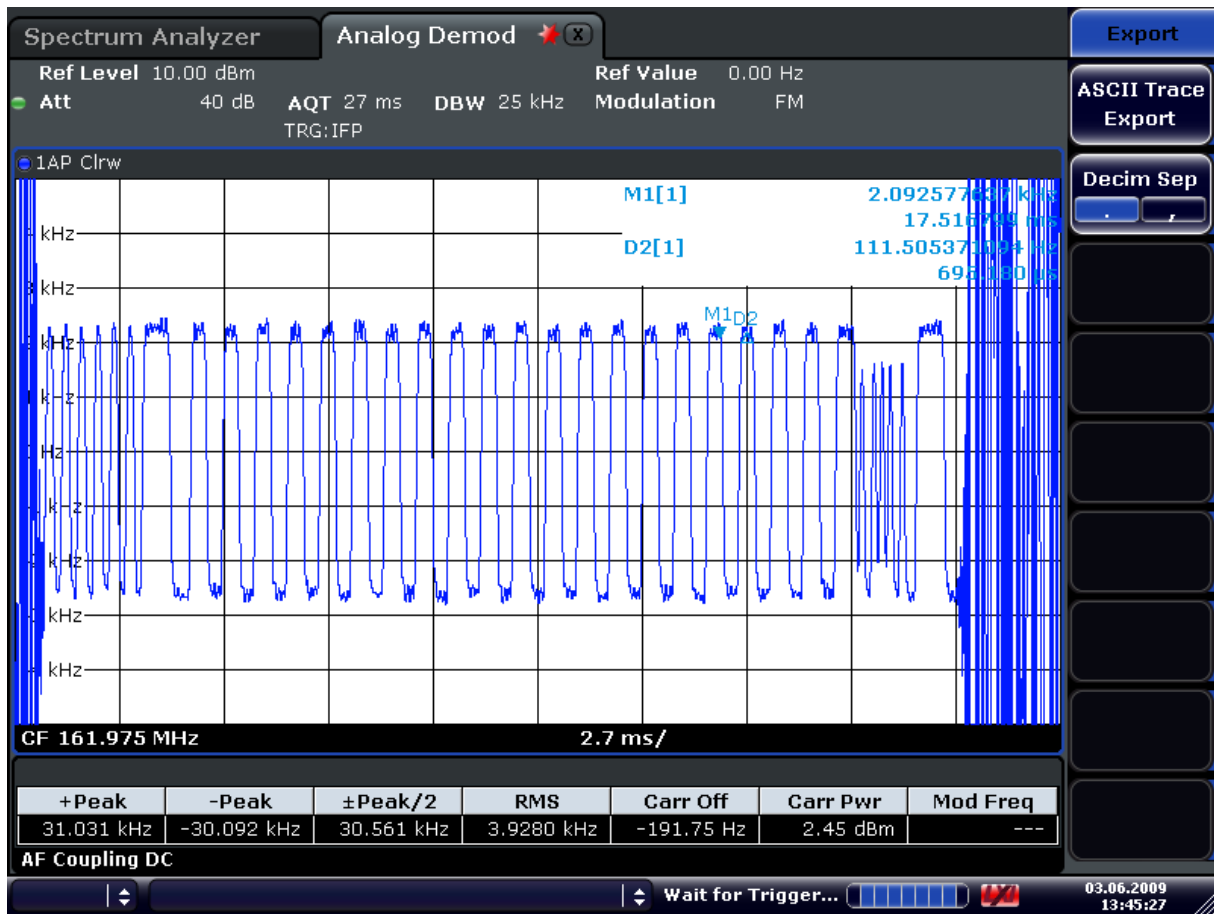
Normal conditions: AIS 1: Test Signal #1



Normal conditions: AIS 1: Test Signal #2

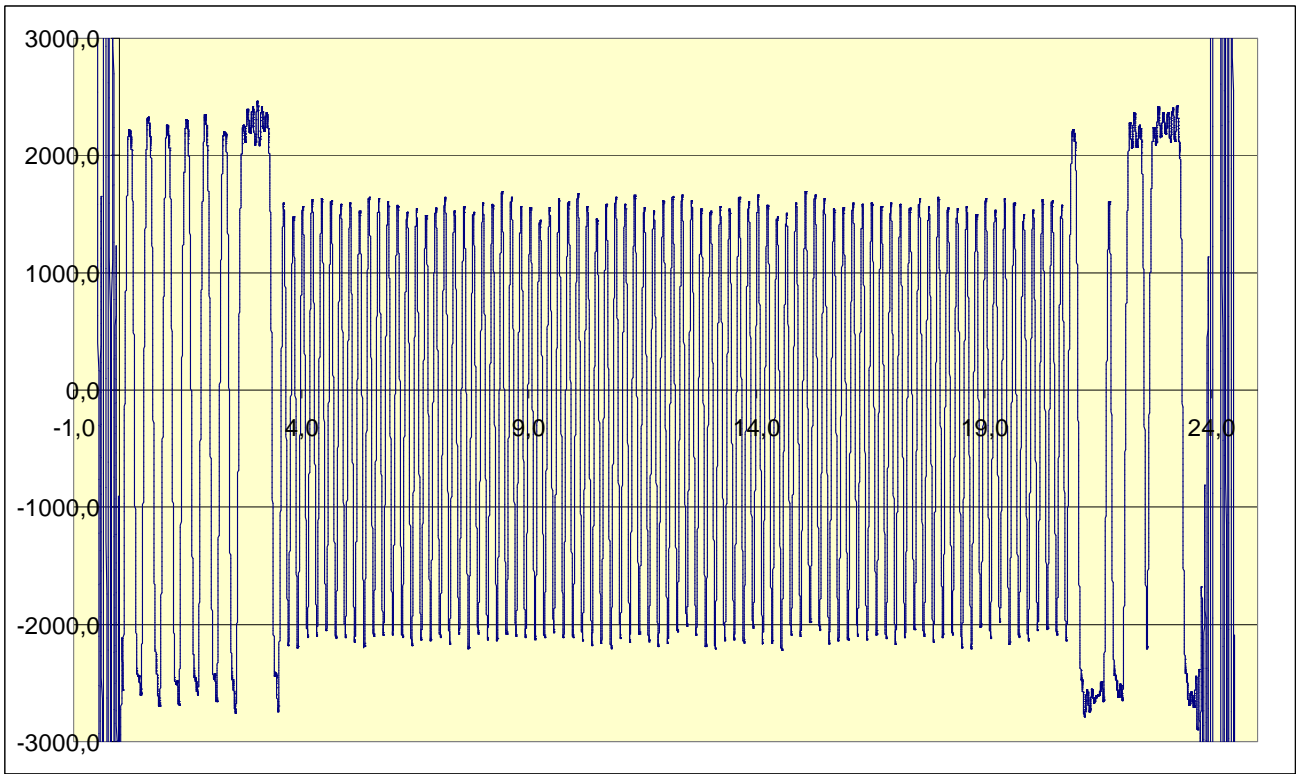


Normal conditions: AIS 2: Test Signal #1

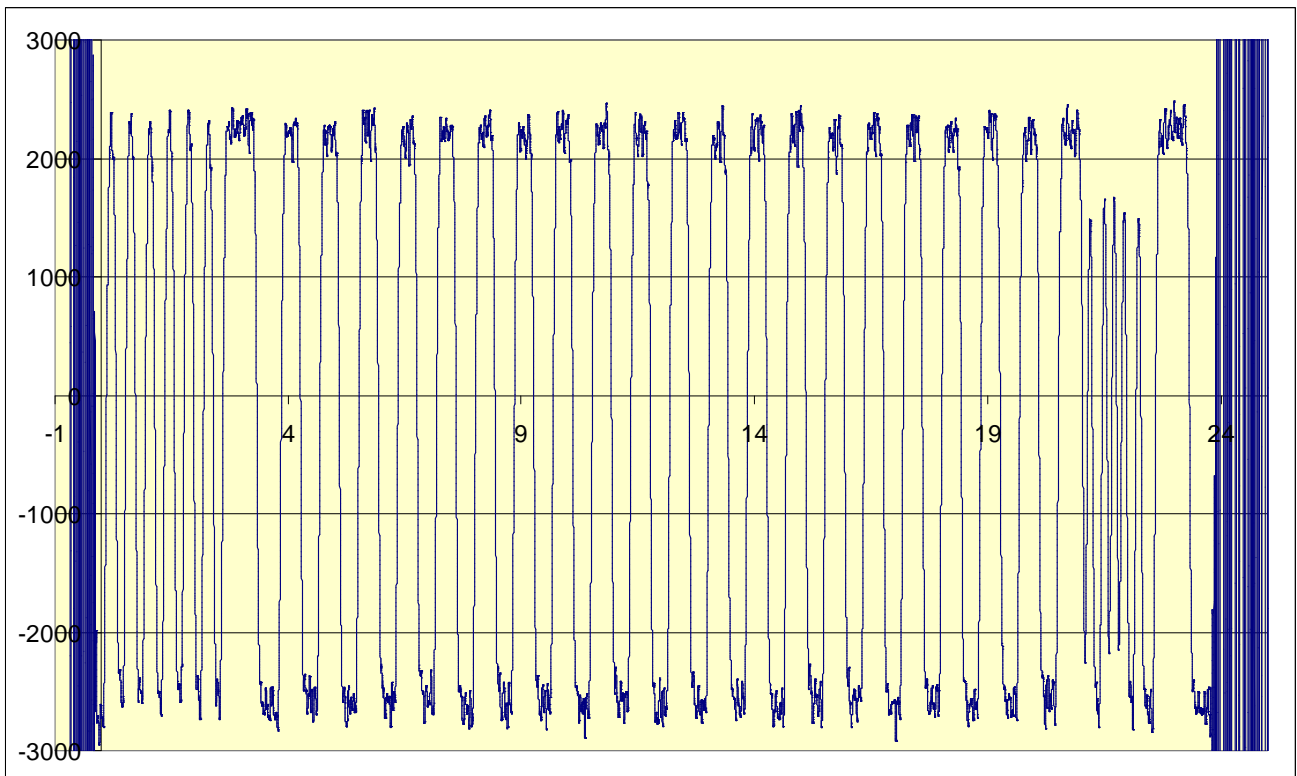


Normal conditions: AIS 2: Test Signal #2

### 9.6 Transmitter modulation accuracy

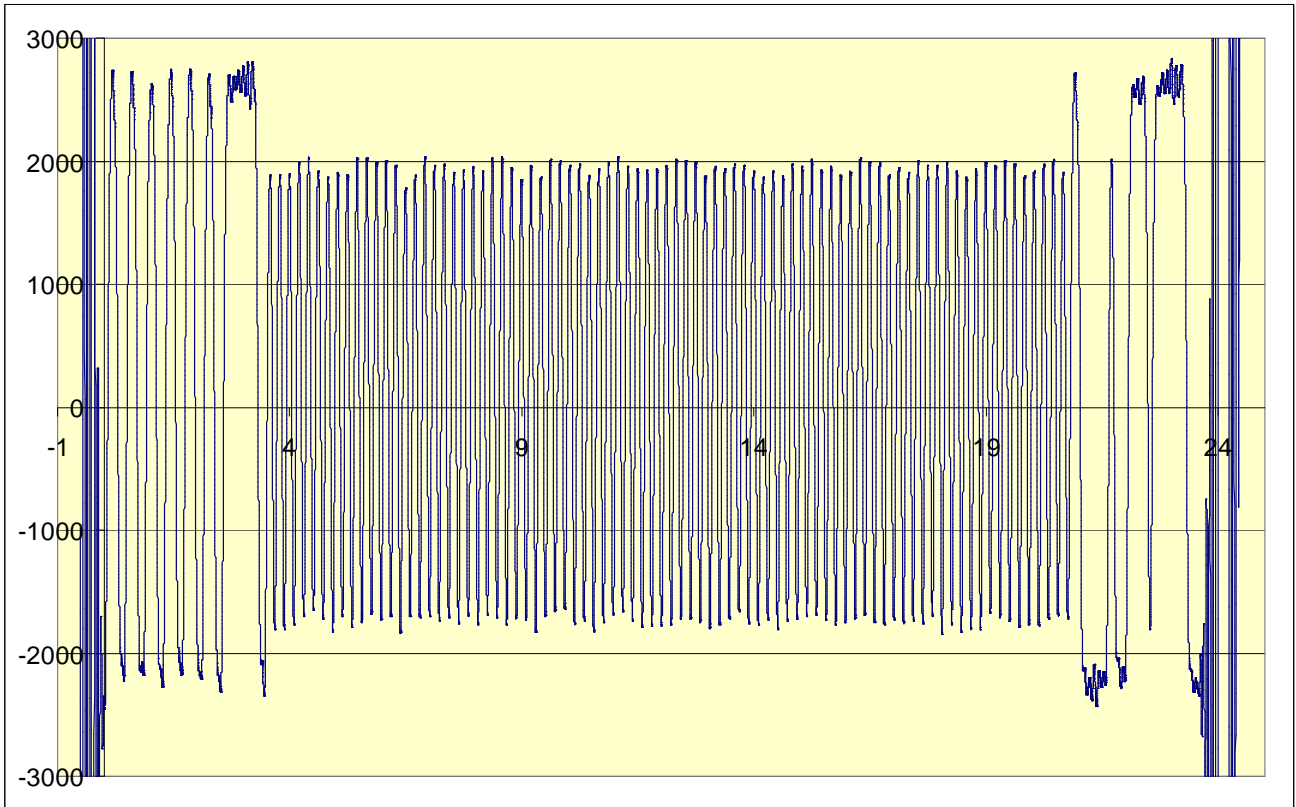


Normal Conditions: AIS 1, test signal 1

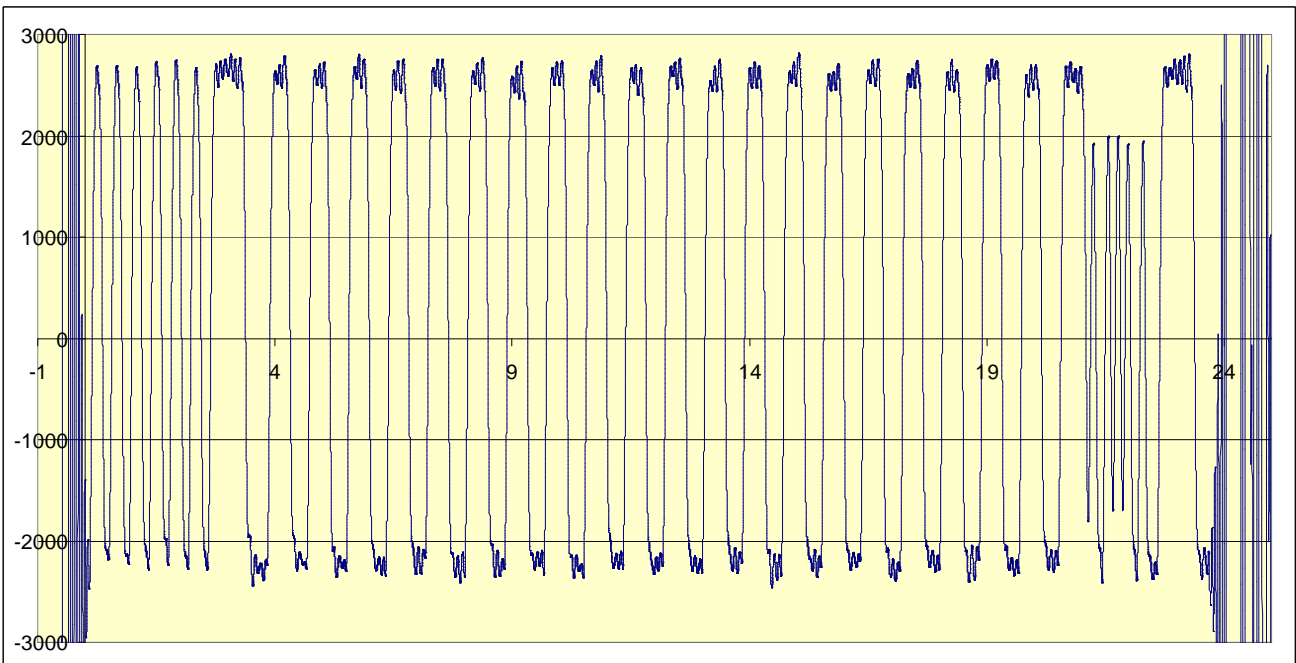


Normal Conditions: AIS 1, test signal 2

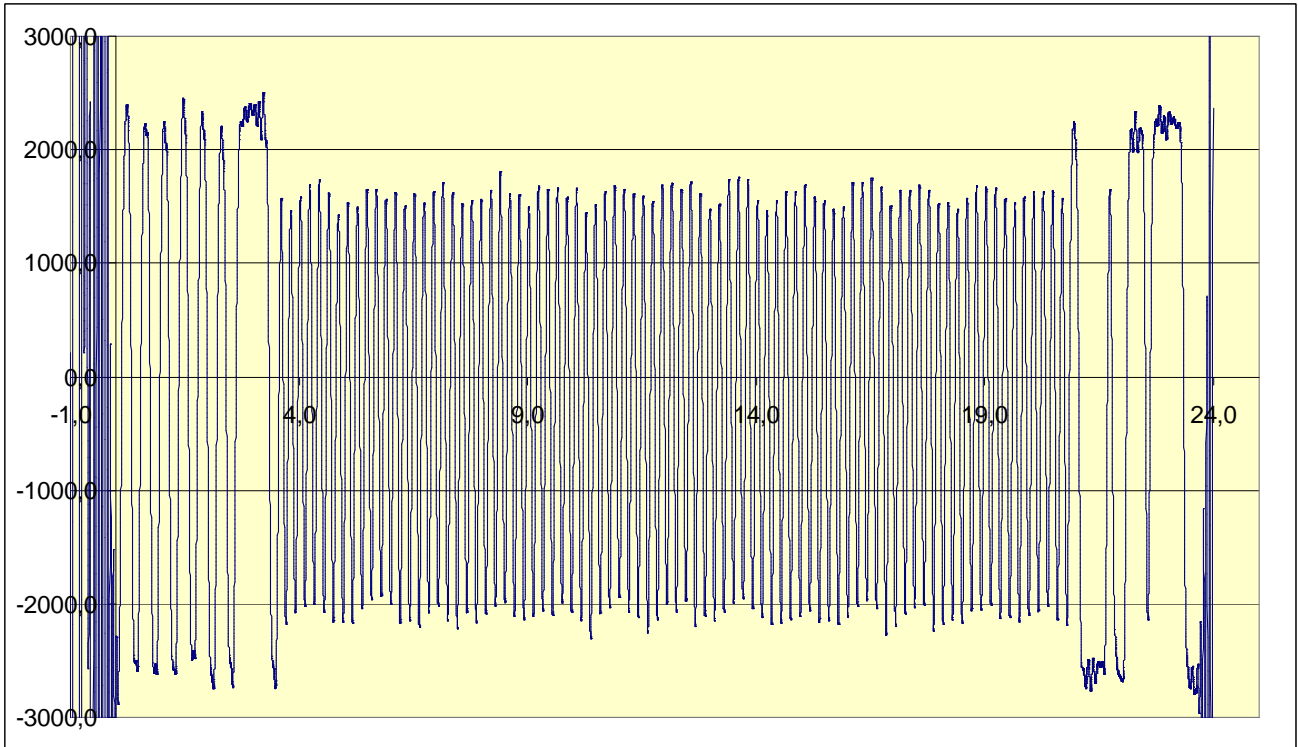




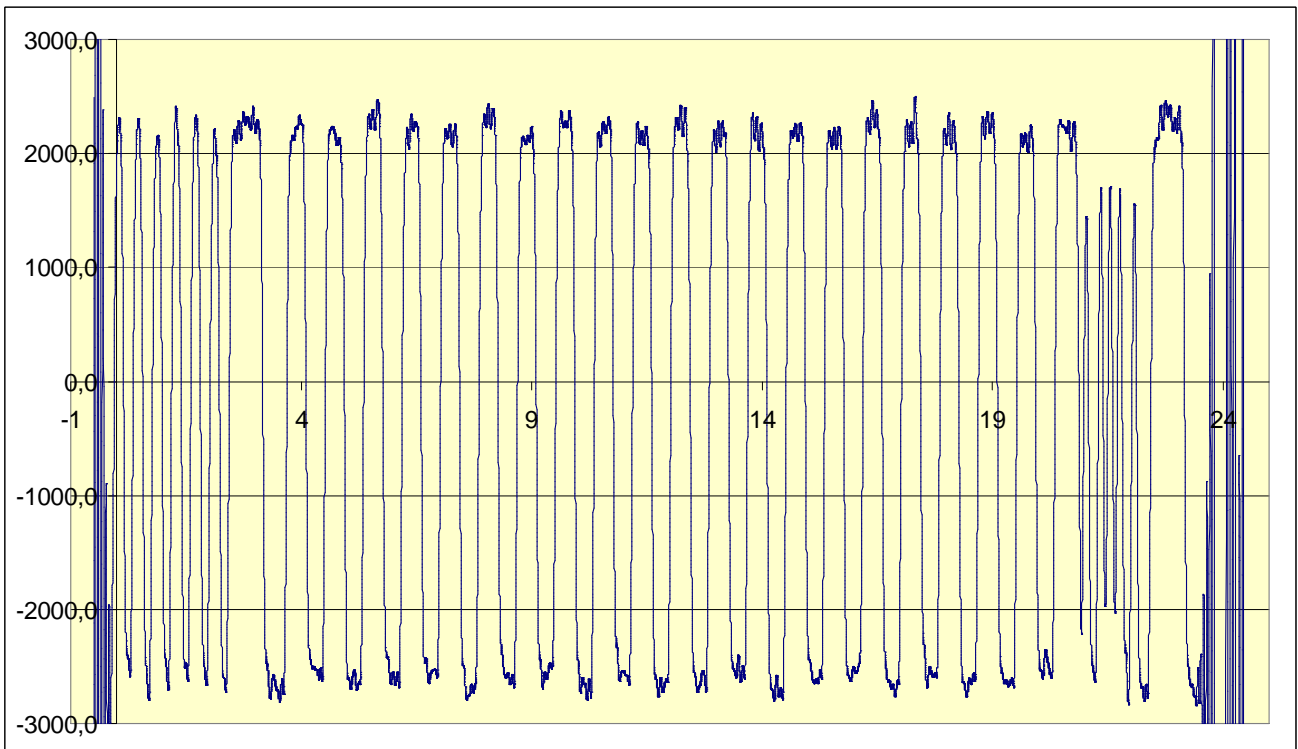
Normal Conditions: AIS 2, test signal 1



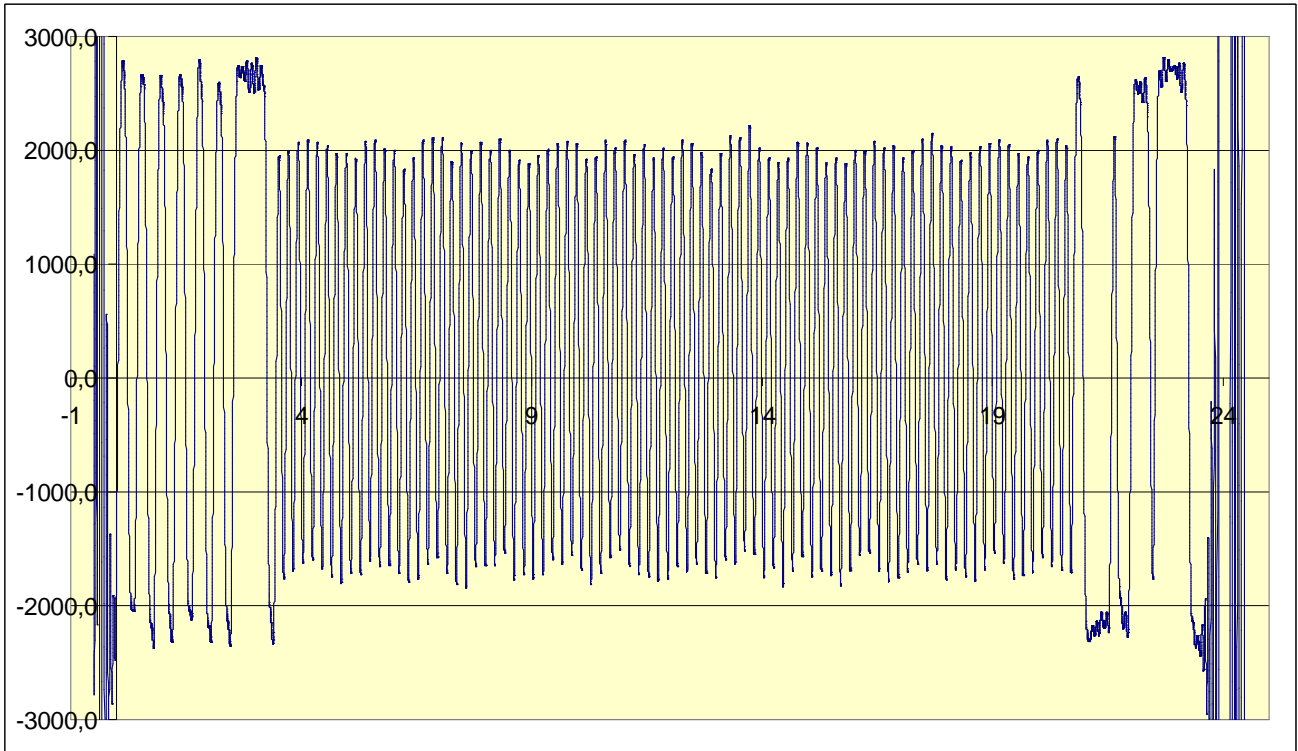
Normal Conditions: AIS 2, test signal 2



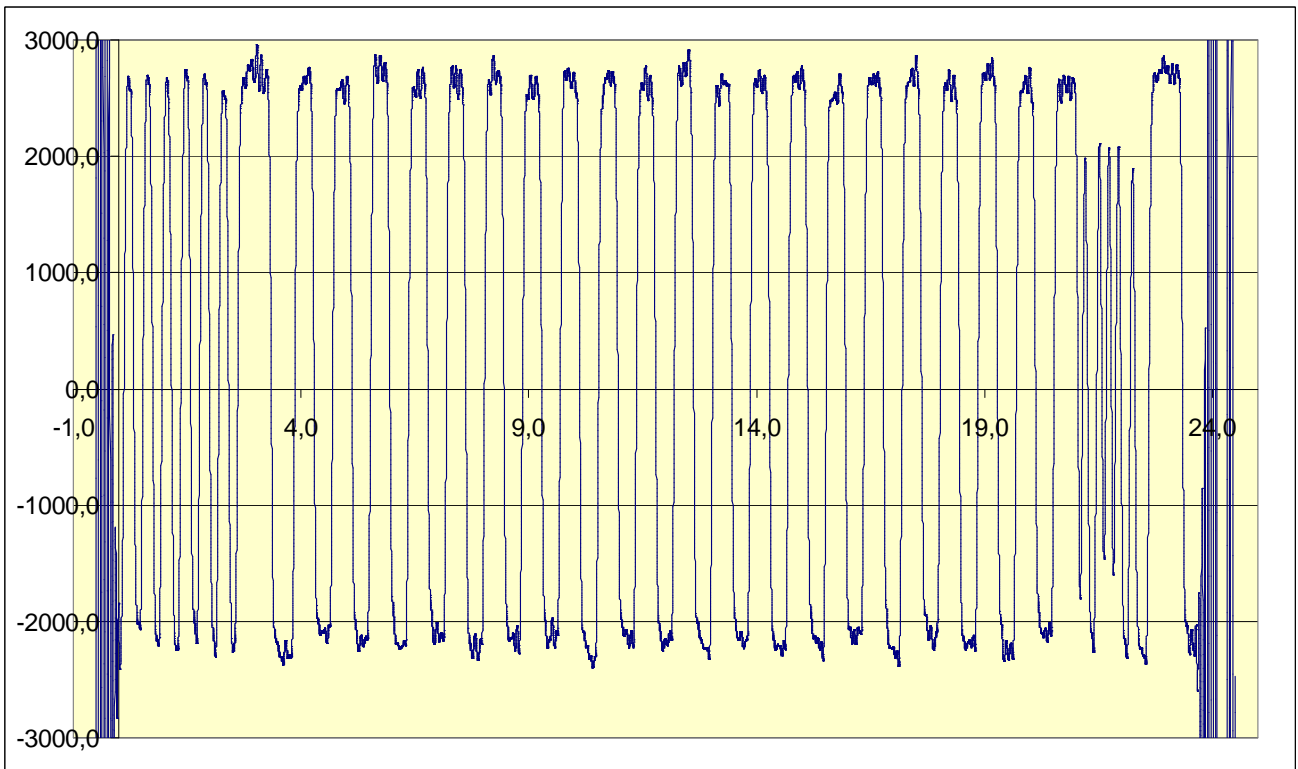
Extreme conditions -20 deg C: AIS 1 test signal 1



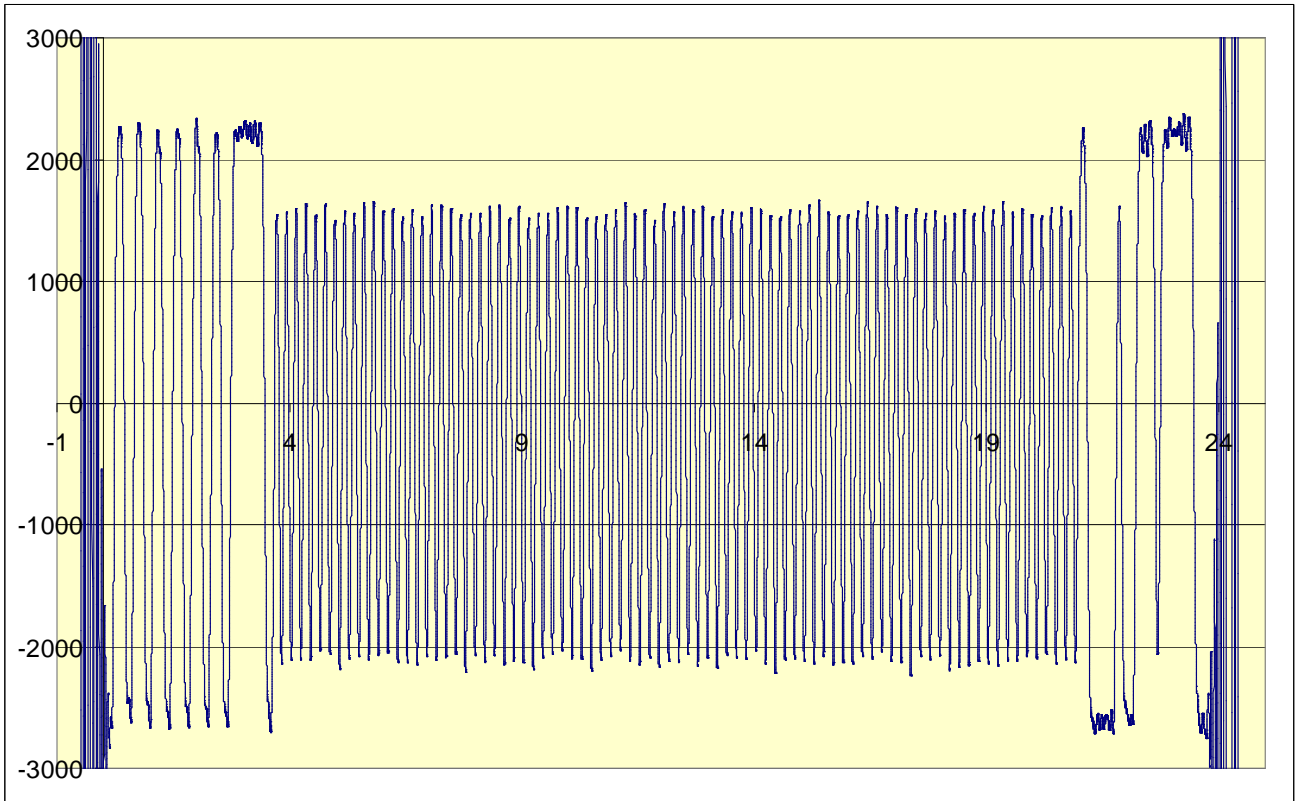
Extreme conditions -20 deg C: AIS 1 test signal 2



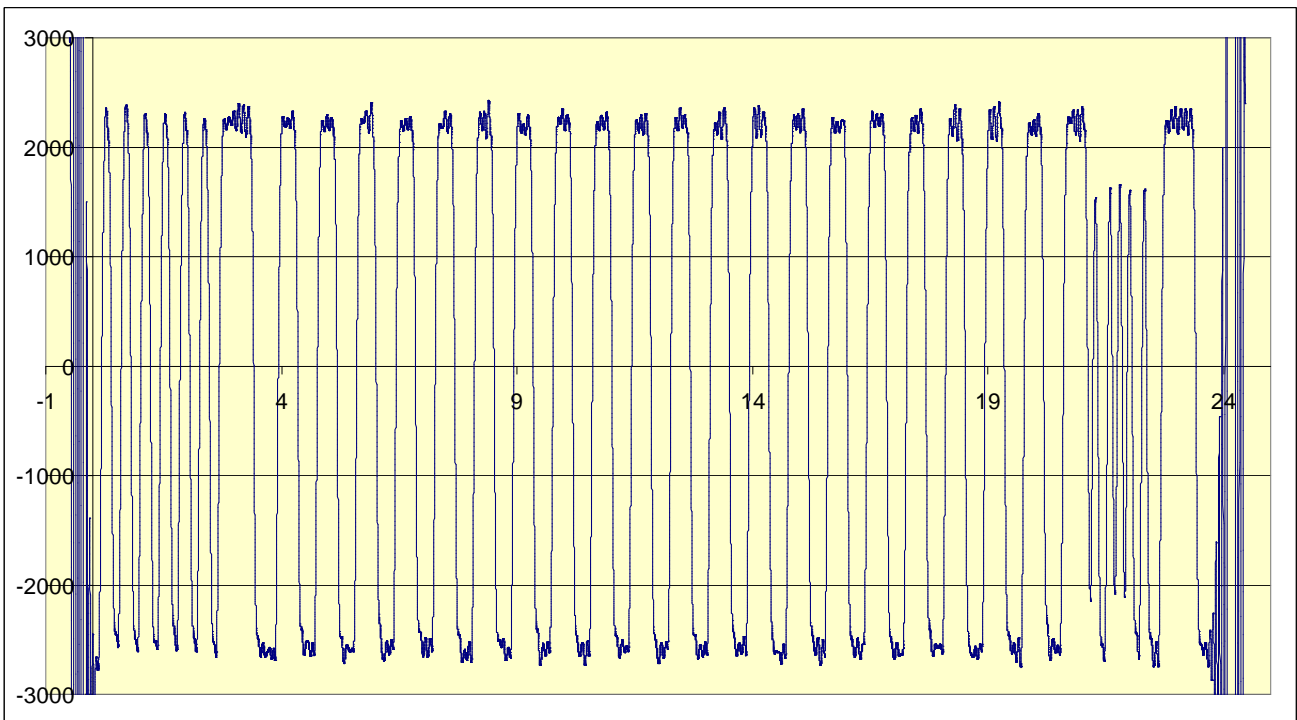
Extreme conditions -20 deg C: AIS 2 test signal 1



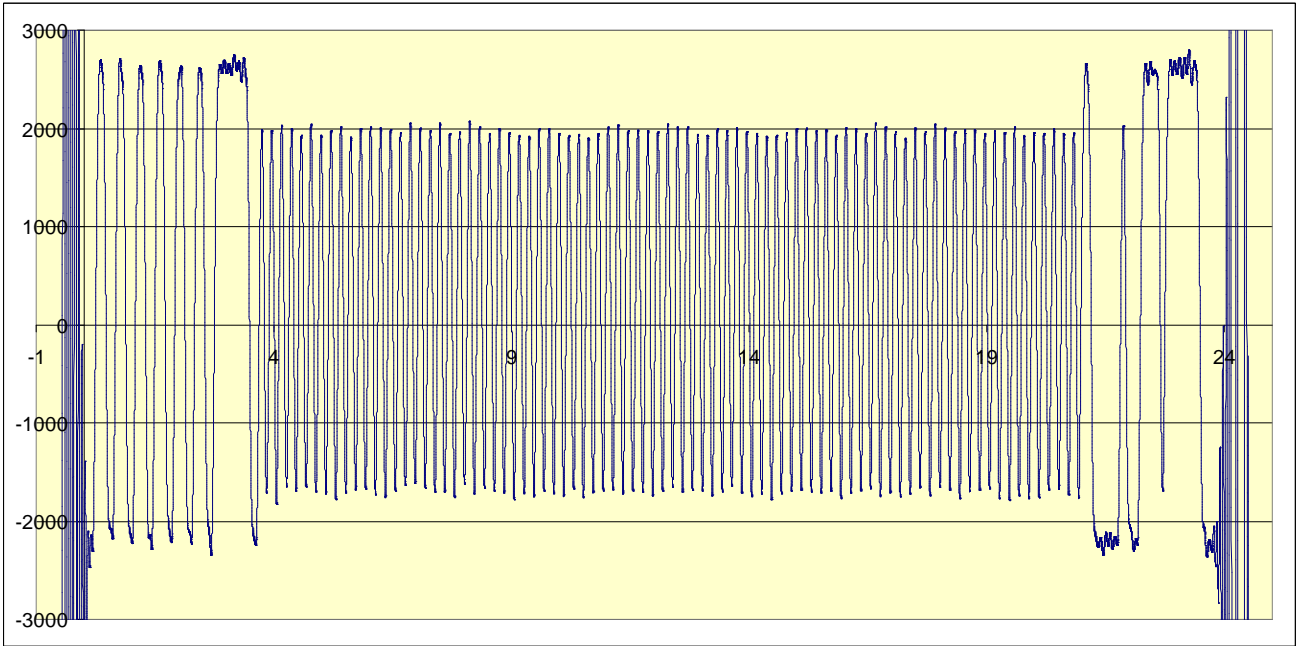
Extreme conditions -20 deg C: AIS 2 test signal 2



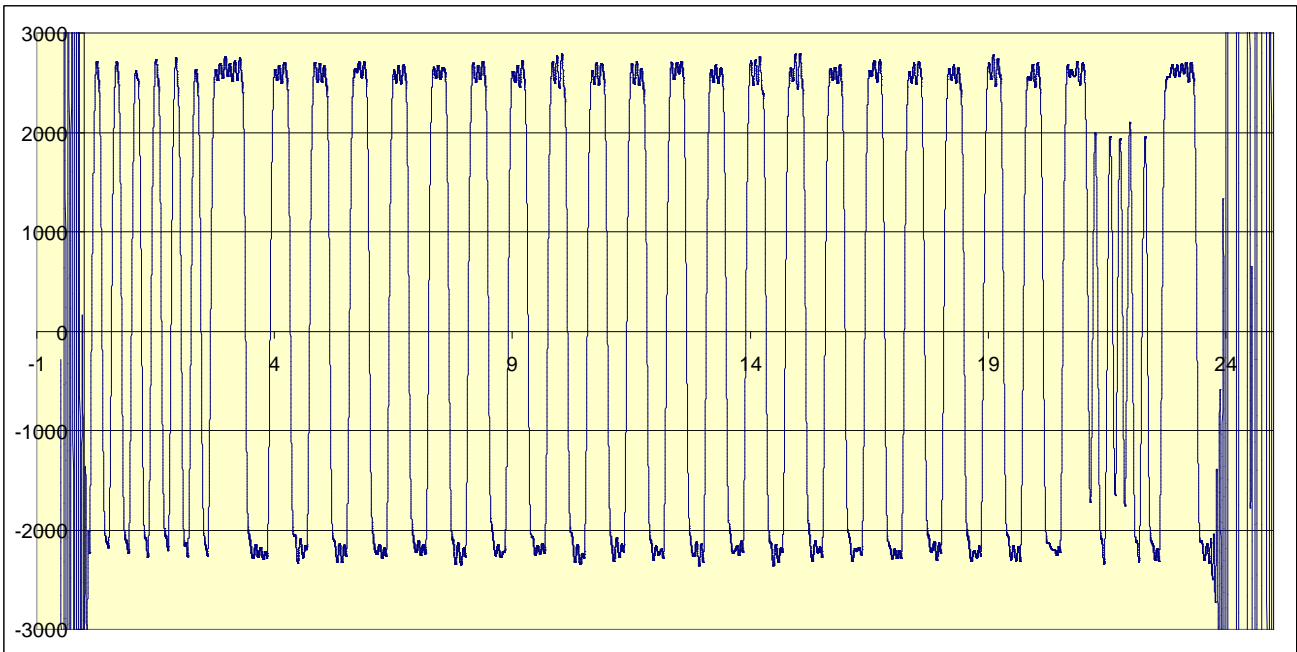
Extreme conditions +55 deg C: AIS 1 test signal 1



Extreme conditions +55 deg C: AIS 1 test signal 2

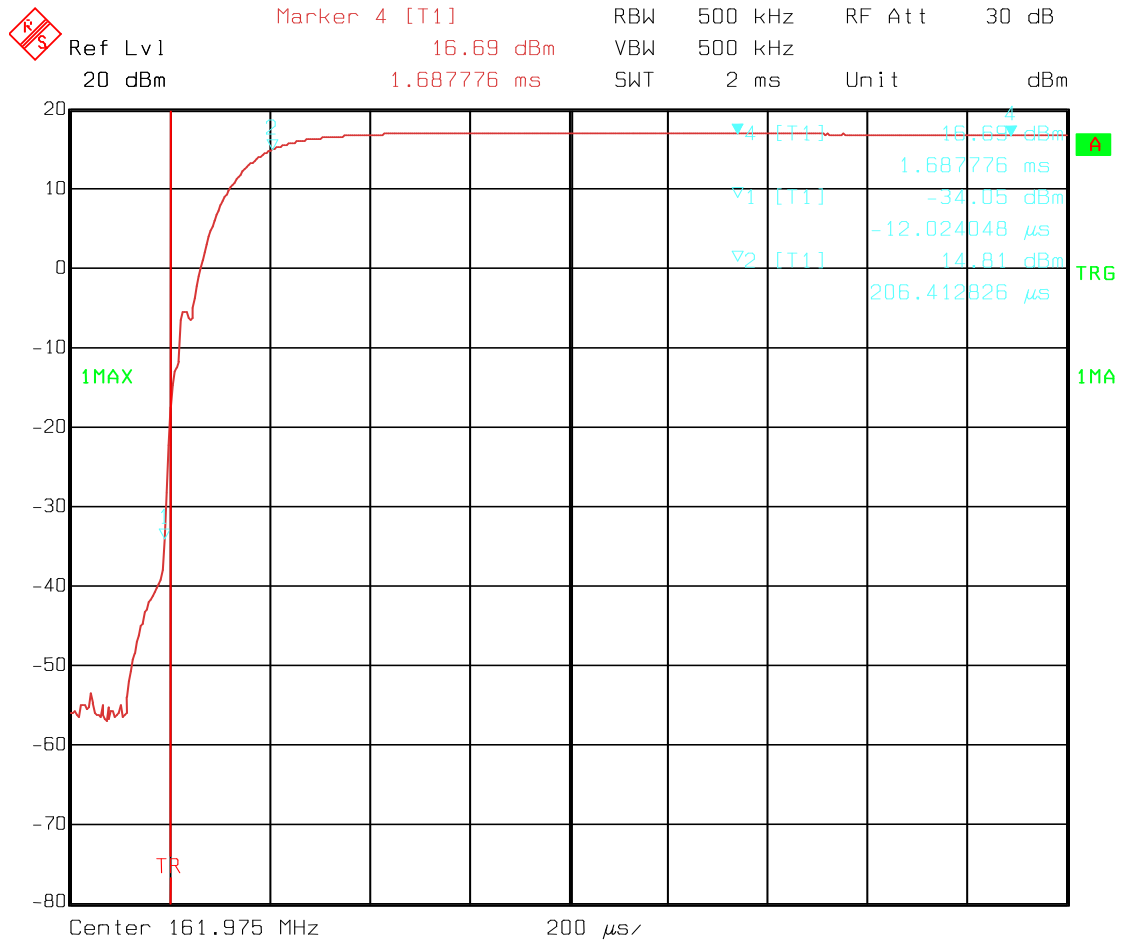


Extreme conditions +55 deg C: AIS 2 test signal 1



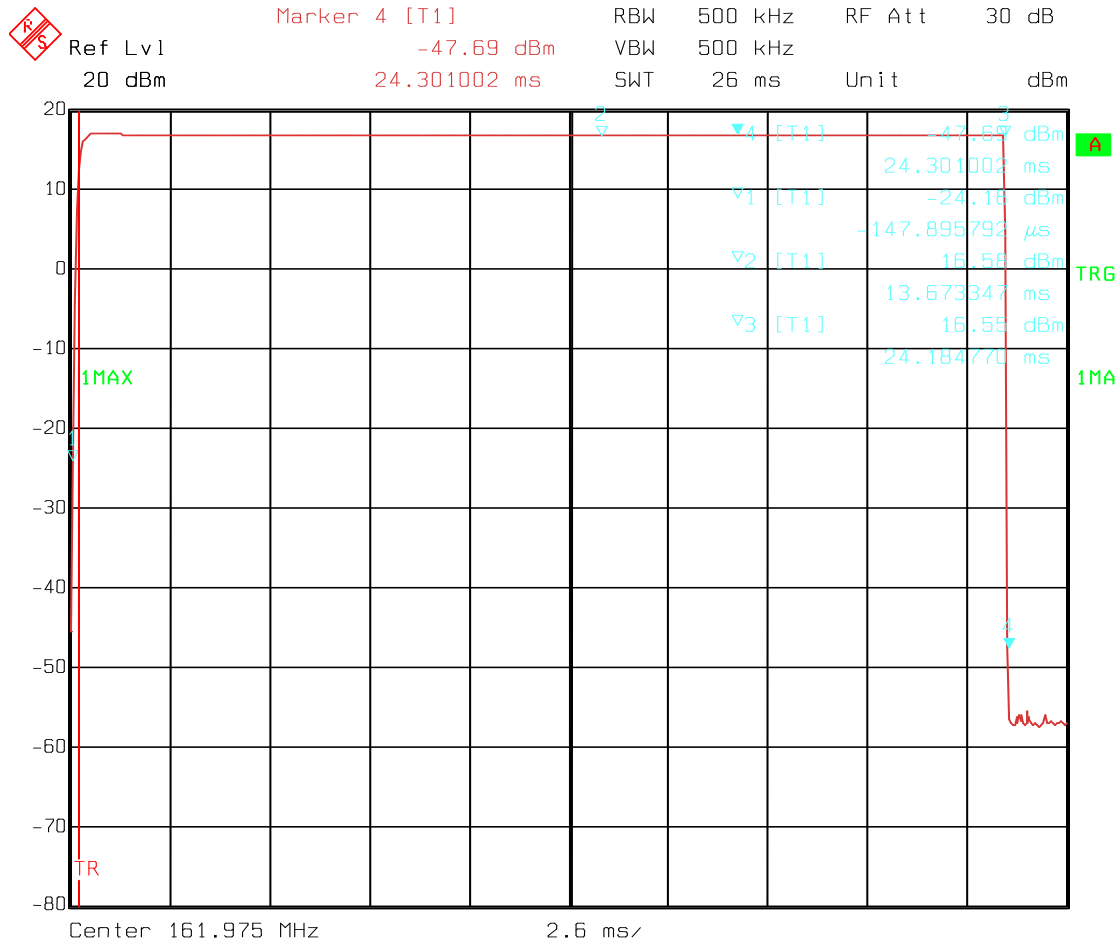
Extreme conditions +55 deg C: AIS 2 test signal 2

**9.7 Transmitter output power versus time function**



Date: 11.MAY 2009 08:30:48

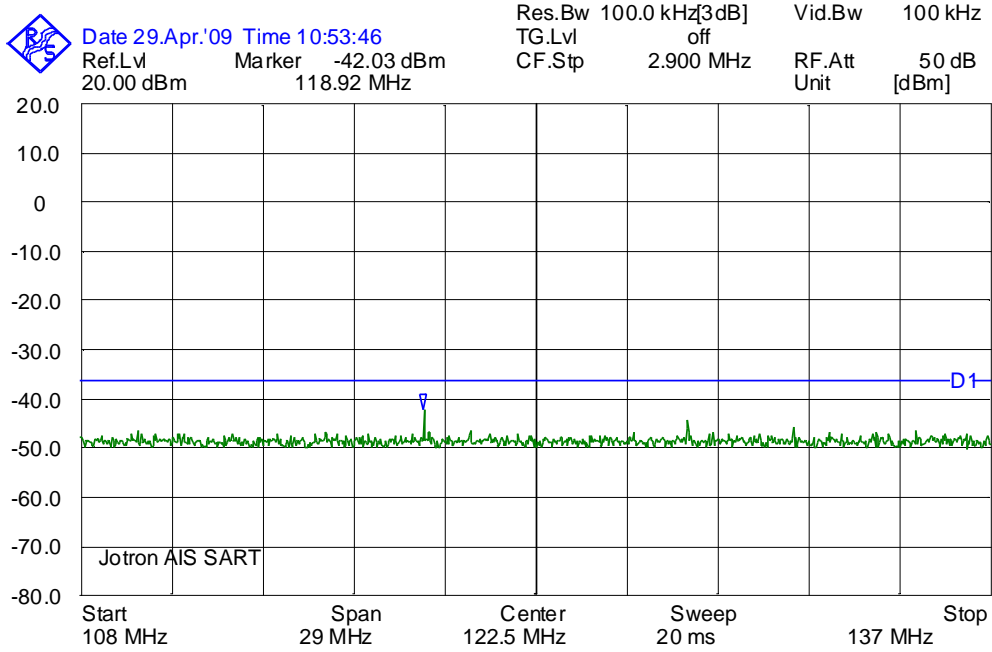
Rise time



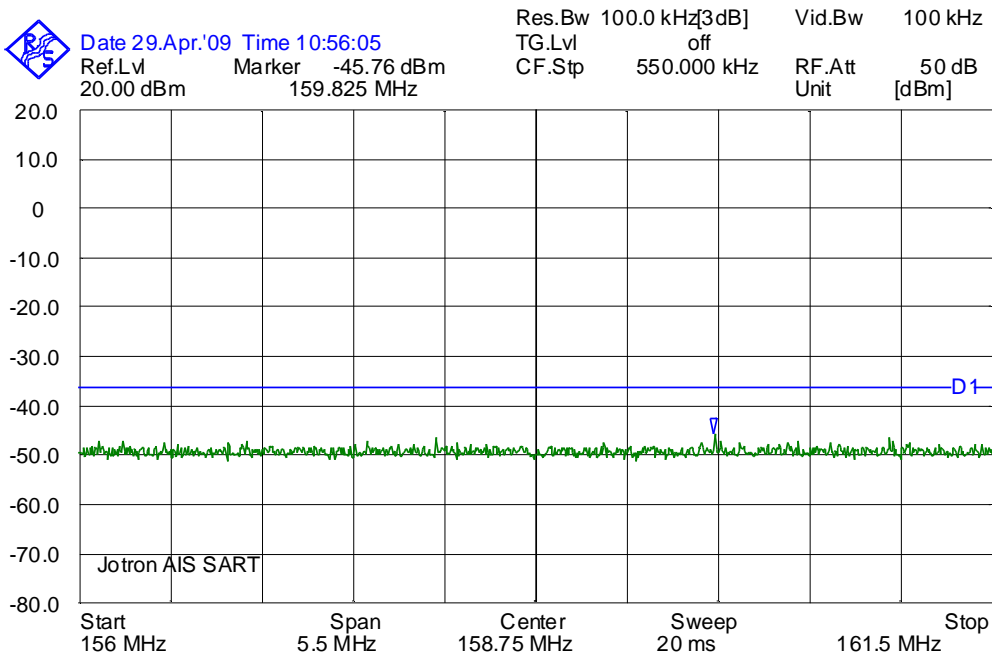
Date: 11.MAY 2009 08:35:48

Power versus time function

**9.8 Spurious emissions from the transmitter**

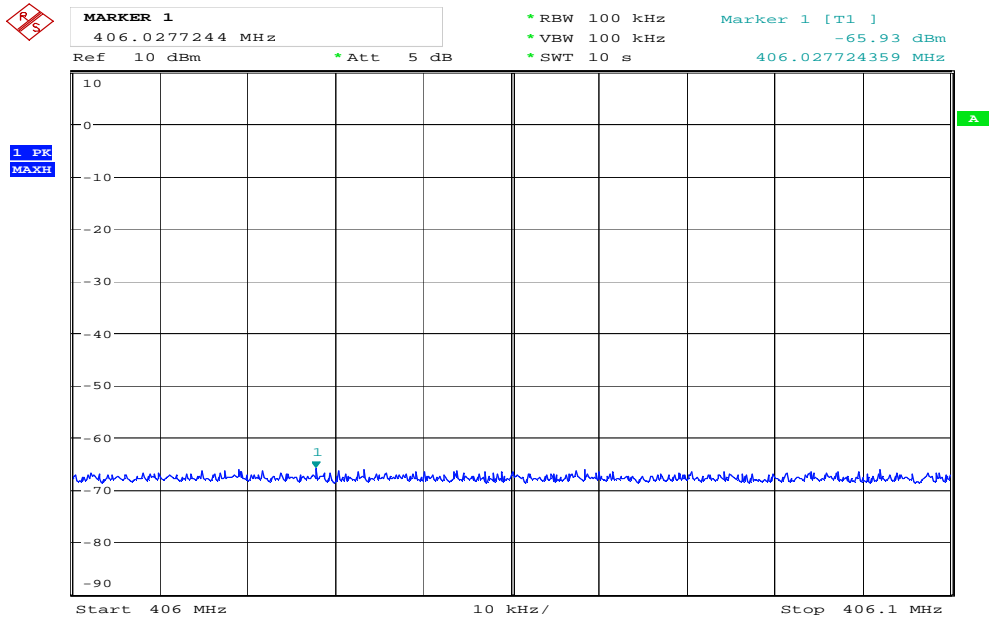


108 – 137 MHz



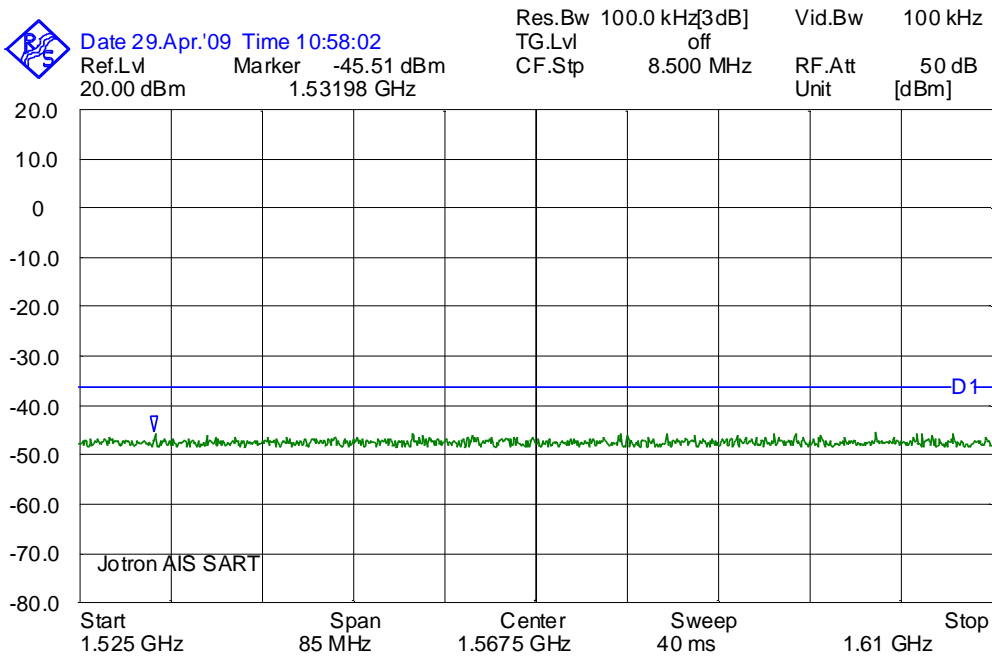
156 – 161,5 MHz





Date: 9.NOV.2009 12:13:00

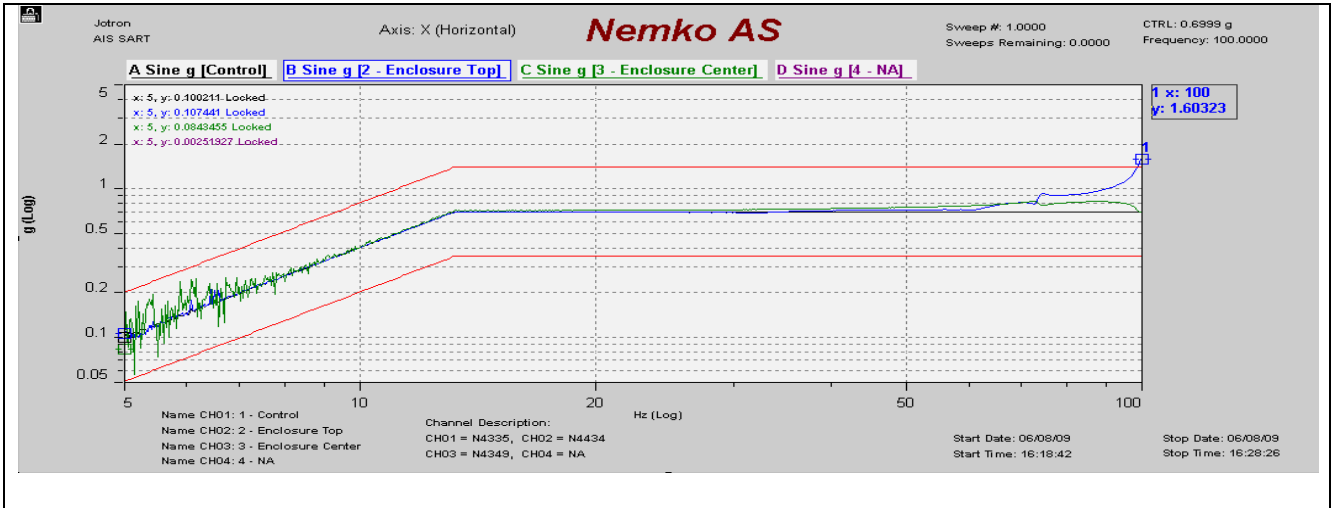
406,0 – 406,1 MHz



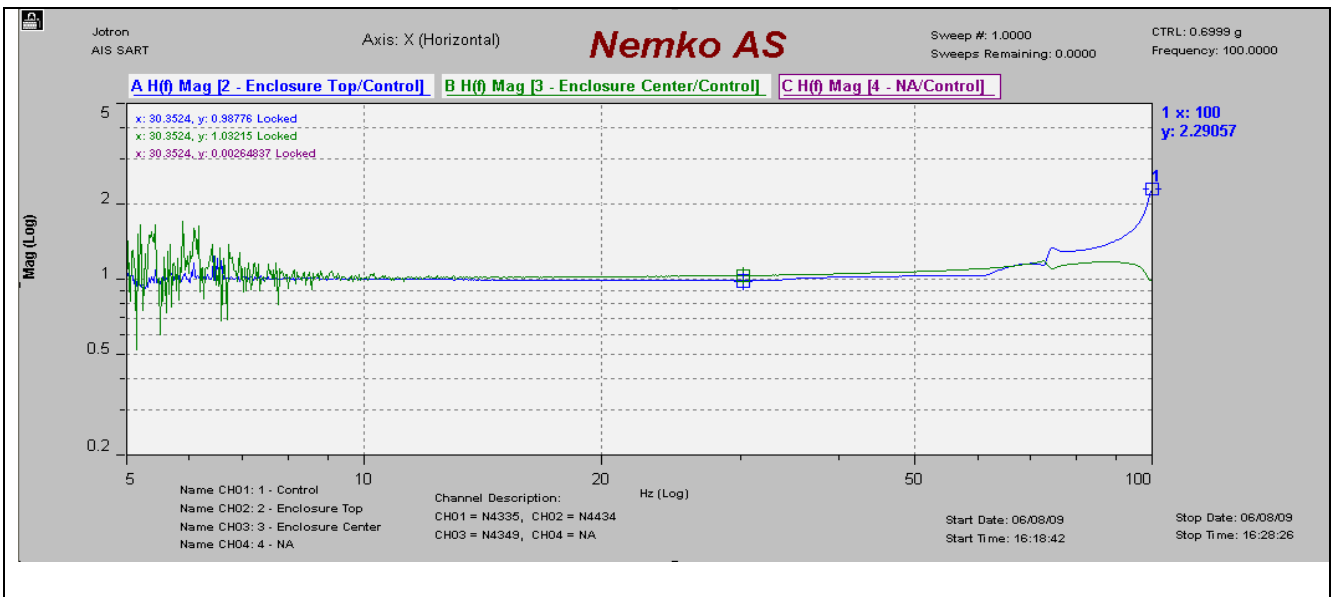
1525 – 1610 MHz

## 9.9 Environmental Test – Vibration

### 9.9.1 Sweep no.1 – X-axis

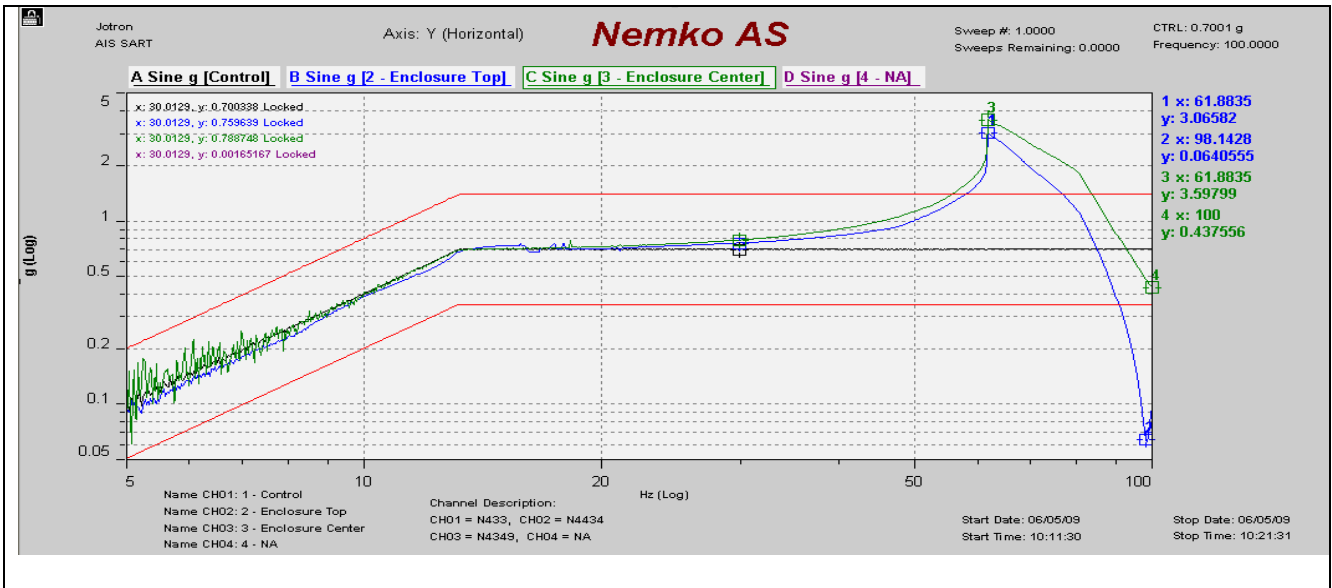


Sweep profile

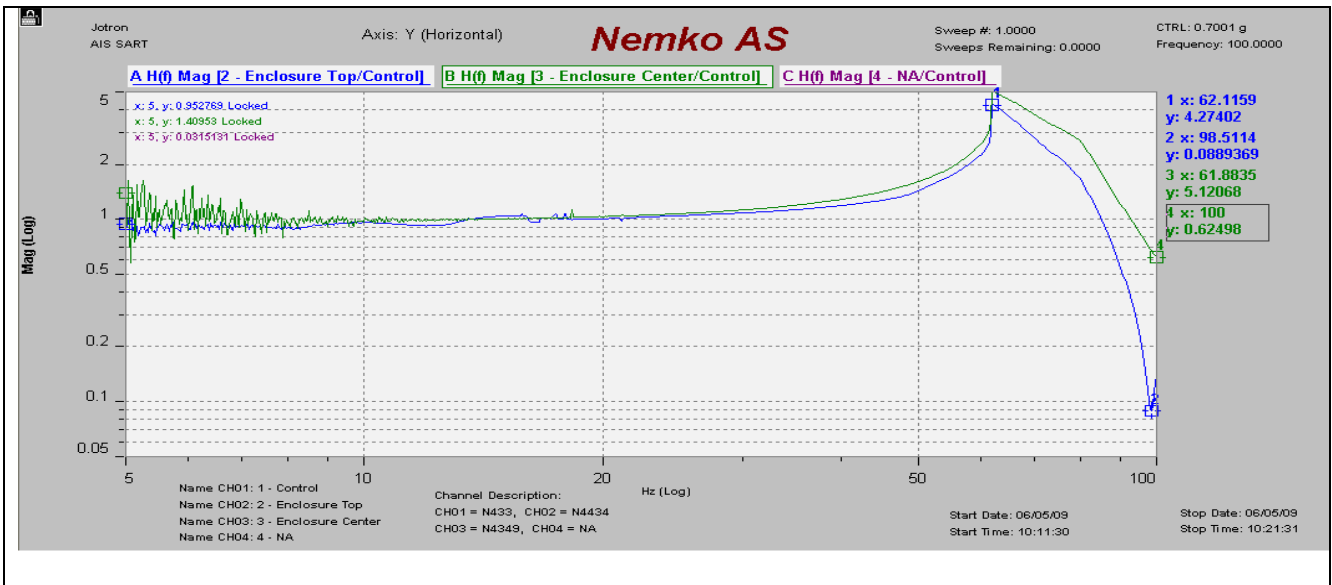


Amplification factor

9.9.2 Sweep no.2 – Y-axis

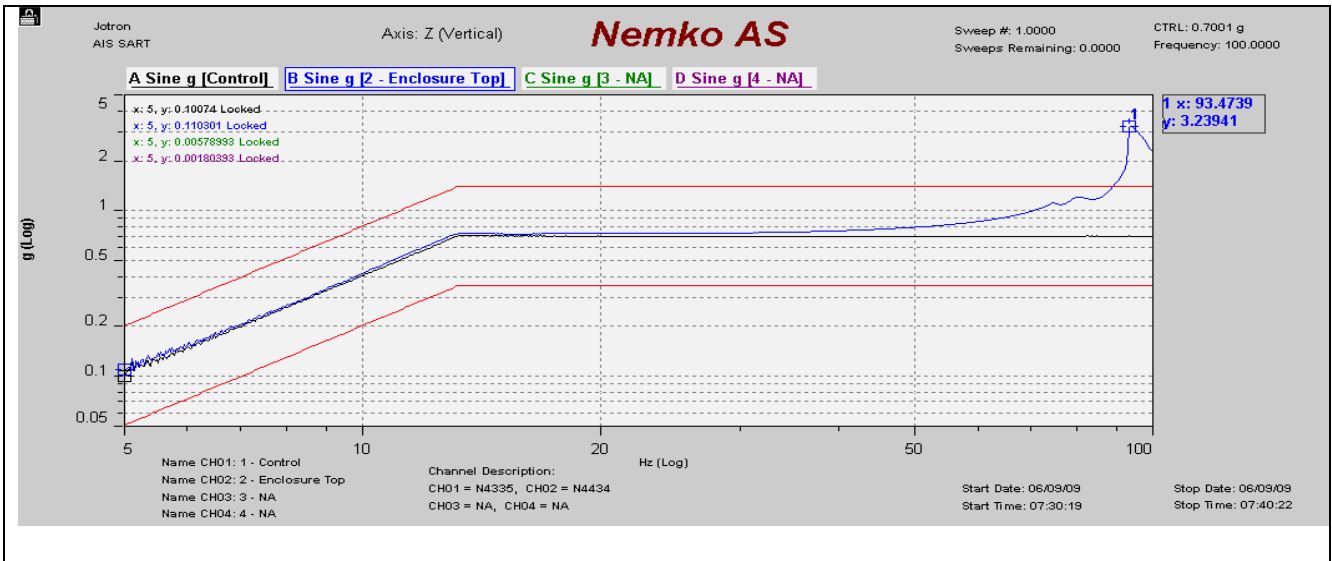


Sweep profile

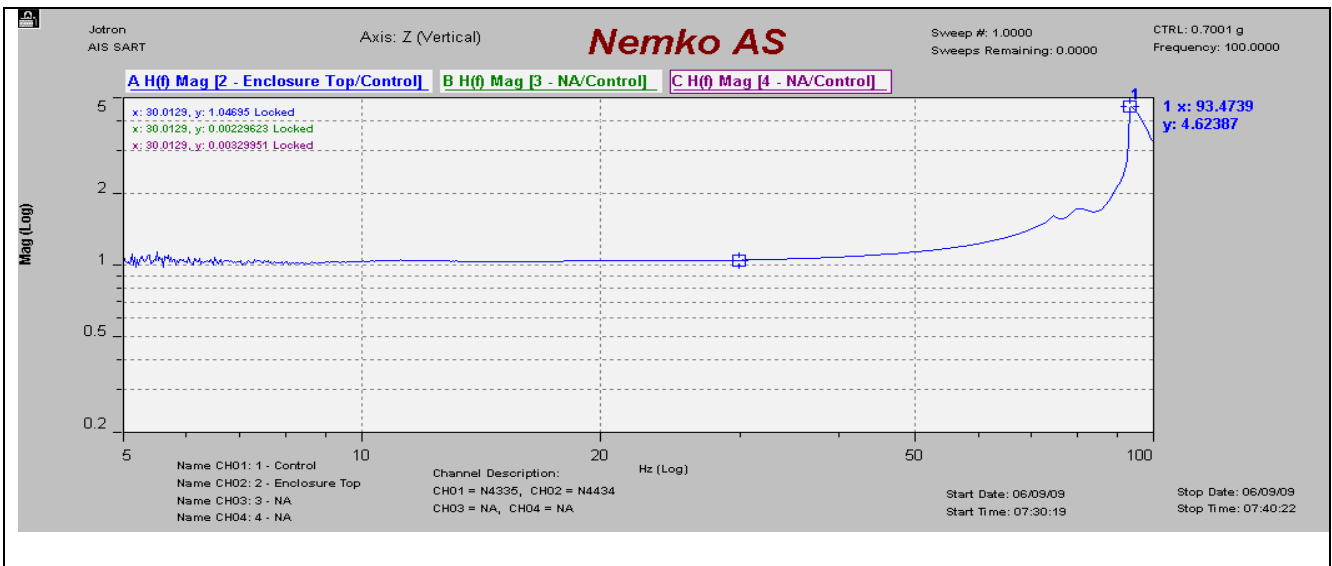


Amplification factor

9.9.3 Sweep no.3 – Z-axis

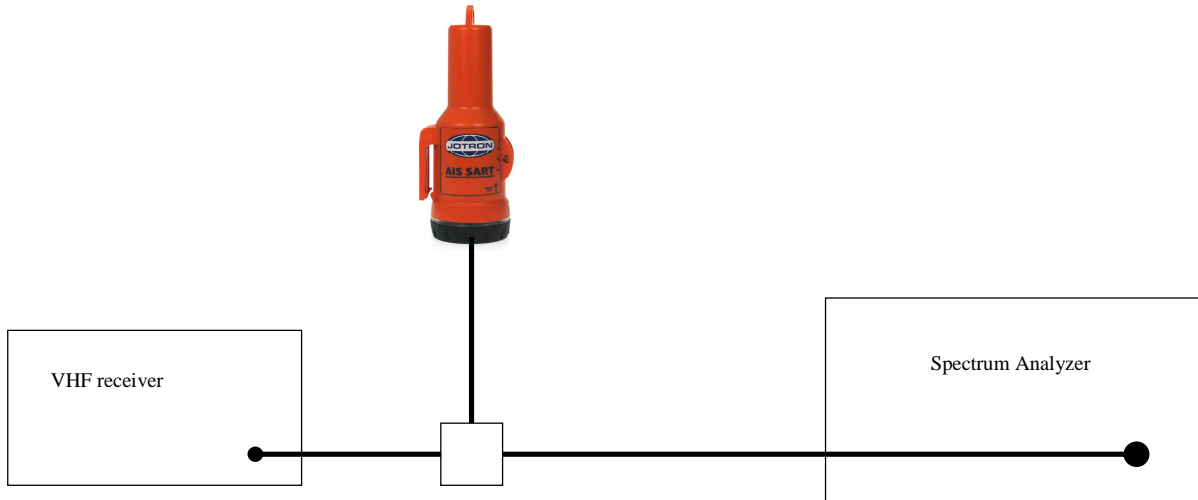


Sweep profile

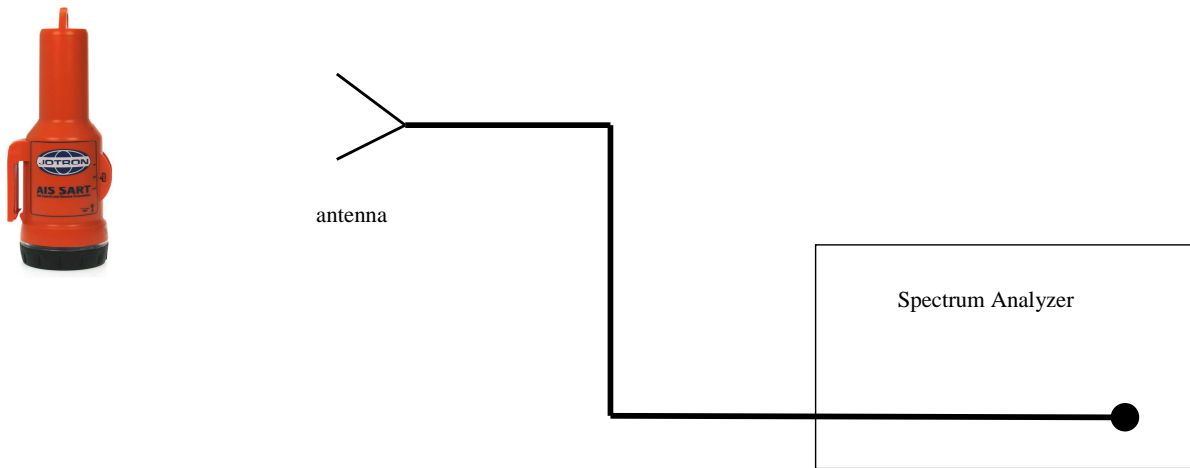


Amplification factor

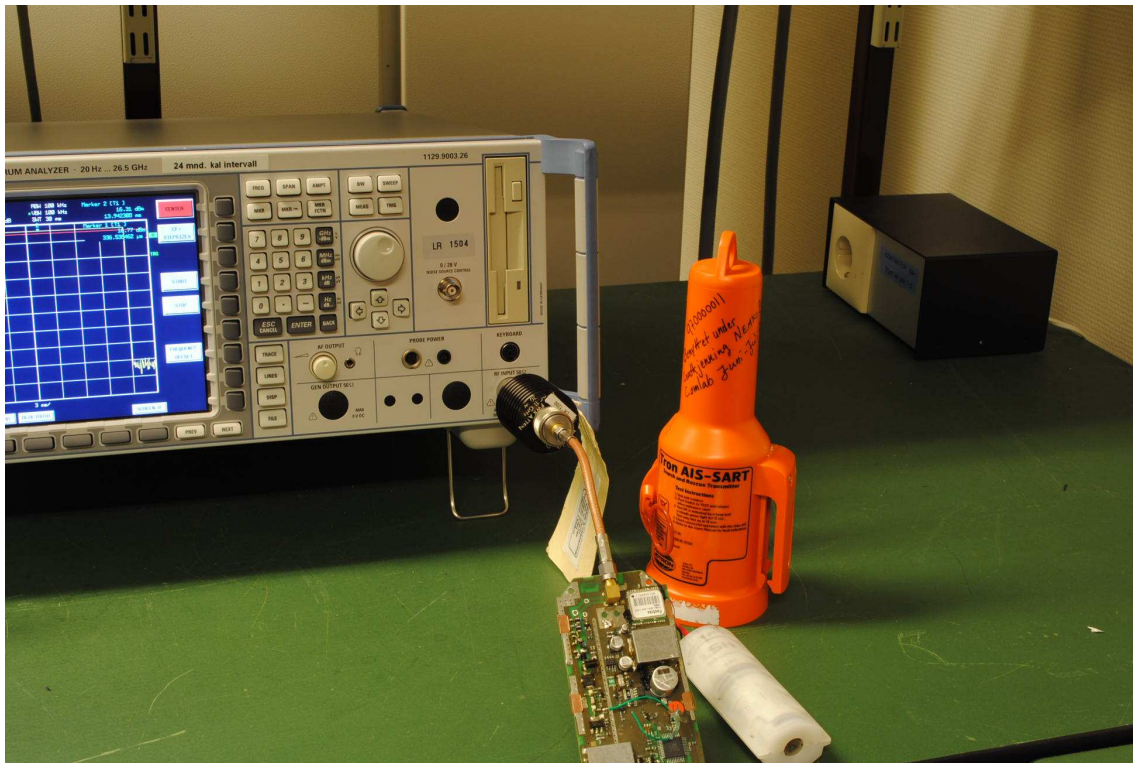
## Annex II – Measurement Setups



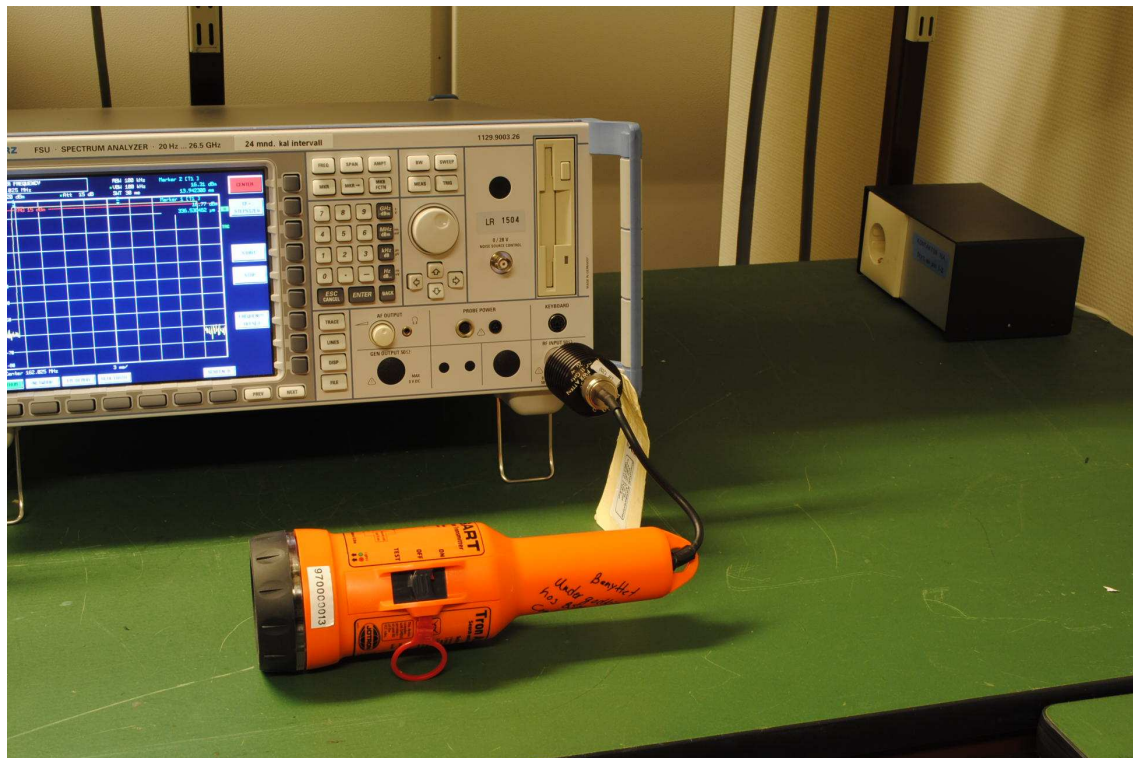
Measure Setup during conducted radio tests



Measure Setup during radiated radio tests



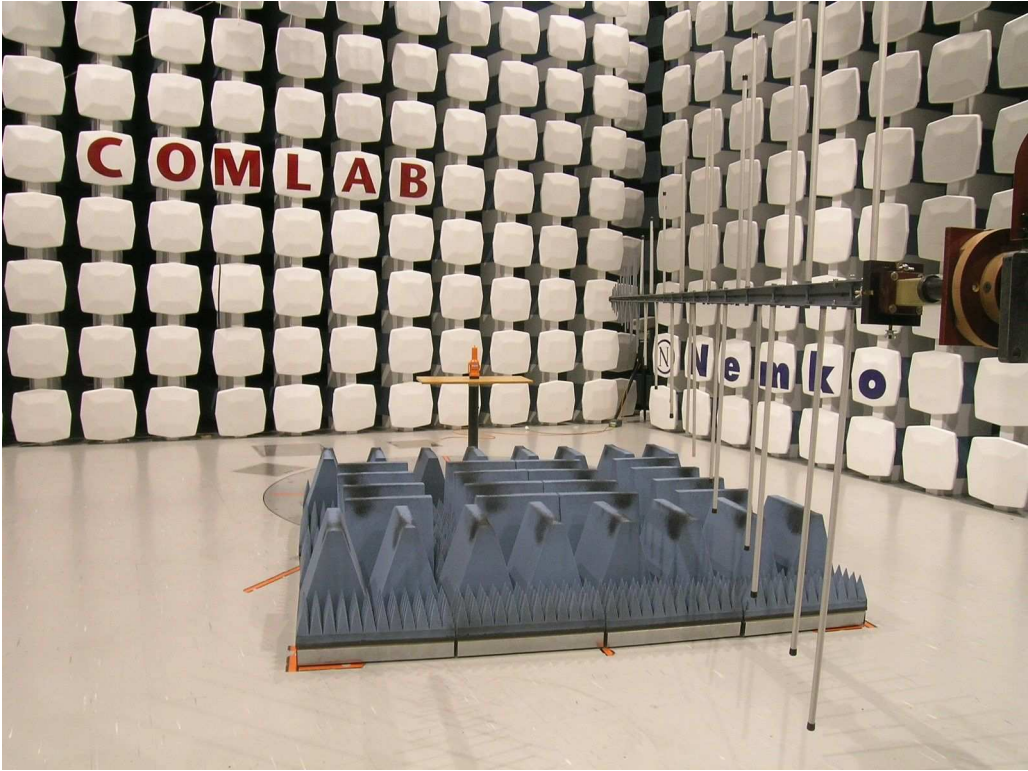
Measurement of conducted power unit # 970000011



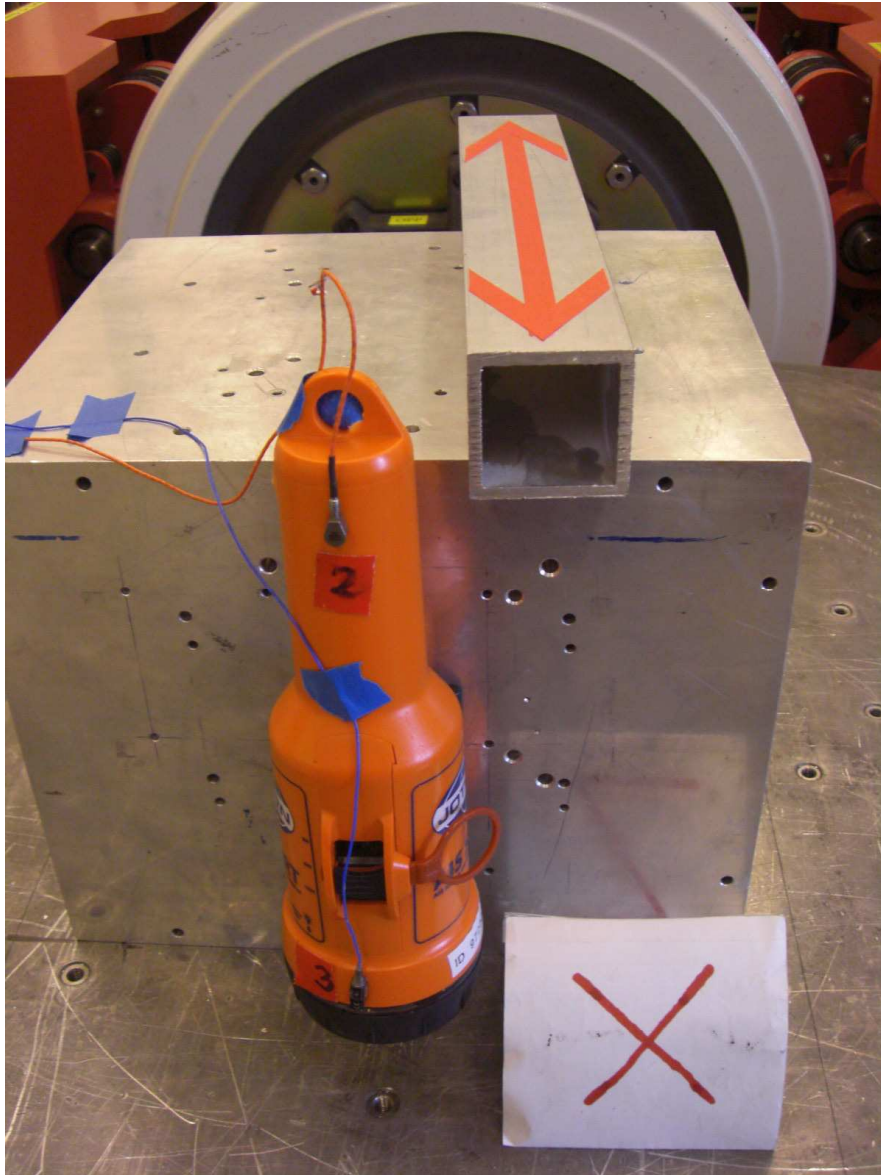
Measurement of conducted power unit # 970000013



Radiated power

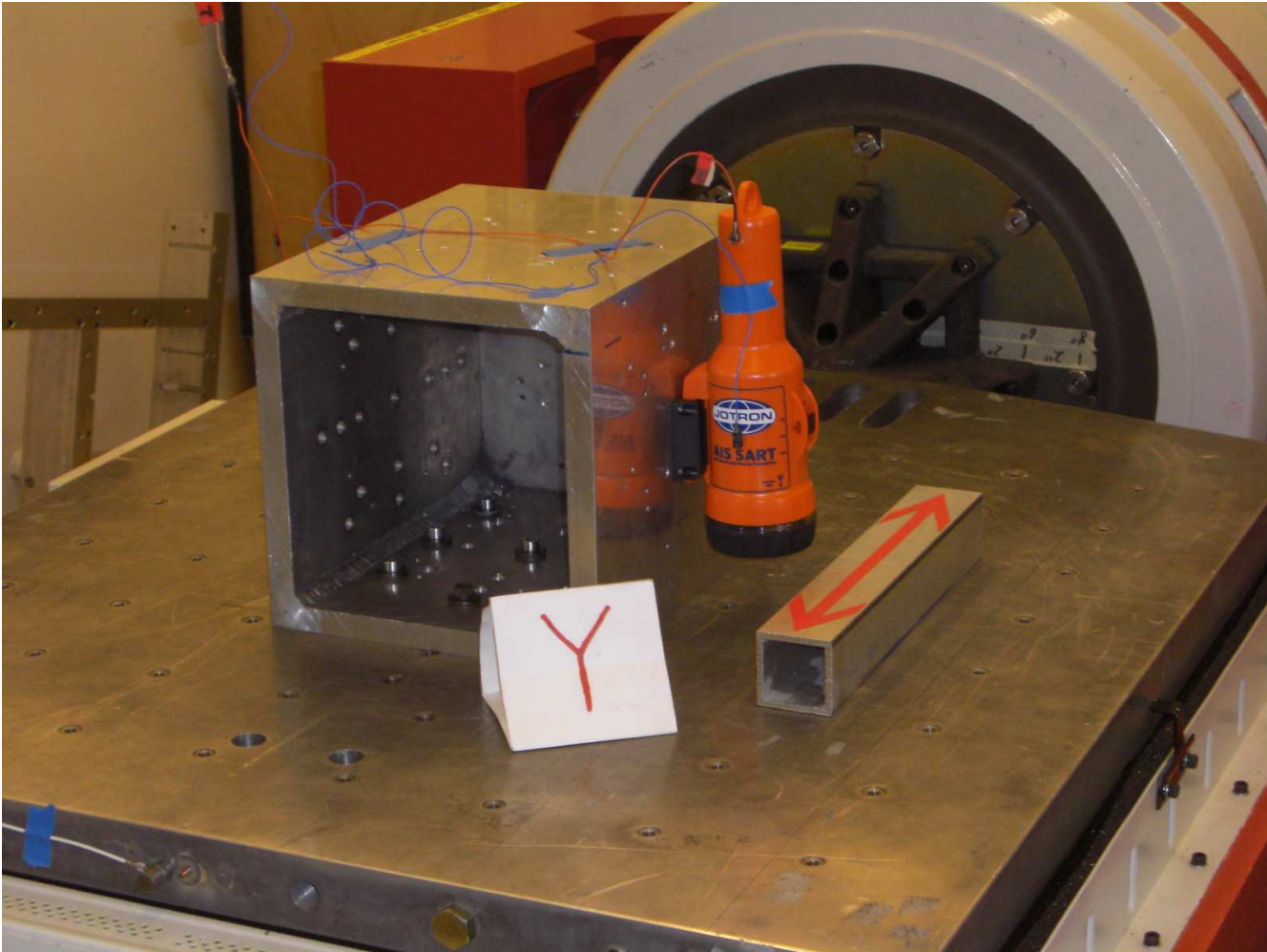


Radiated immunity

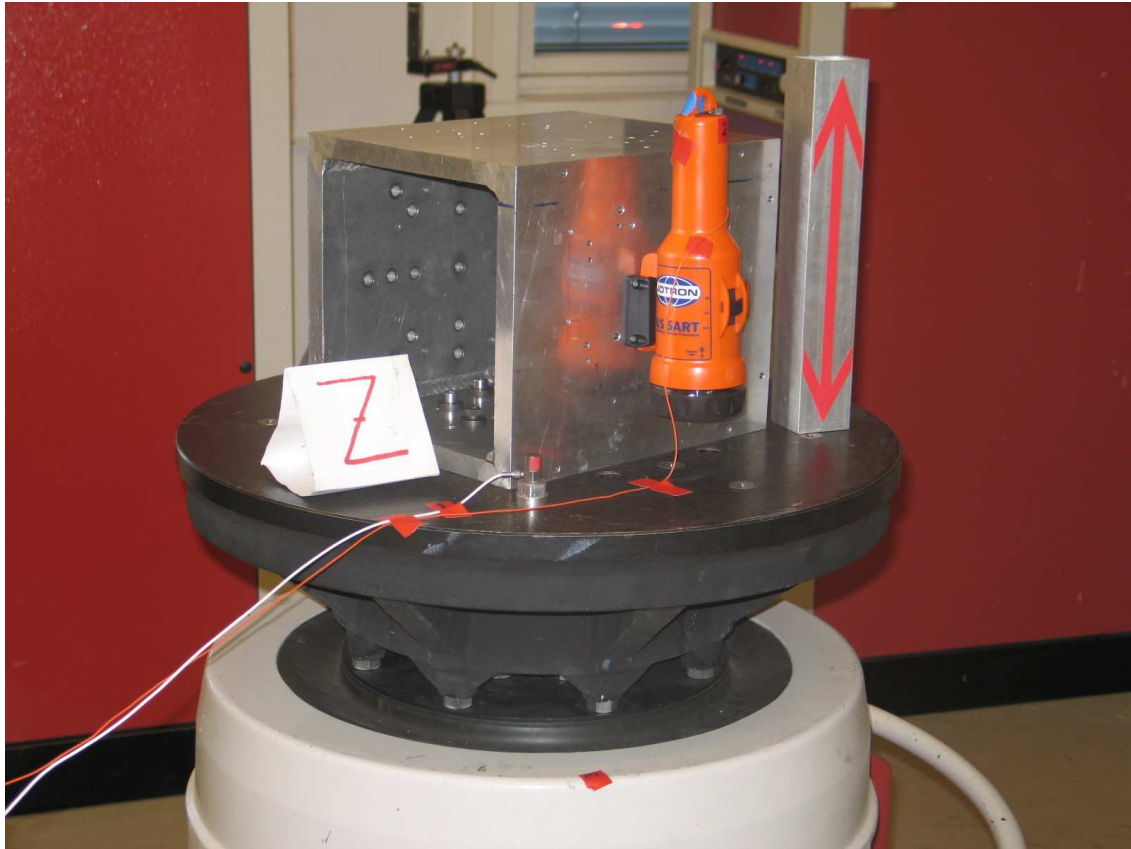


Vibration X-axis





Vibration Y-axis



Vibration Z-axis