



Jotron as - Factory Acceptance Test TronSART 20 Radar Transponder

Version Info

Unit type:	Serial Number:	SW version:
TronSART20	18576	1.07

Receiver Sensitivity

Signal Frequency	Signal Strength
9.20GHz	<-50dBm
	OK
9.35GHz	<-50dBm
	OK
9.50GHz	<-50dBm
	OK

Transmitter Characteristics

Characteristic	Limits
High Frequency	9500-9560 MHz
	9536.0
Low Frequency	9140-9200 MHz
	9184.0
Delay Time	< 500ns
	229.0
Transmission Time	< 100us
	97.0
Forward Sweep	7.5us +/-1.0us
	8.1
Radiated Power	> 26 dBm
	29.7
Recovery Time	<= 10 us
	9.1
Transmitting Current	<= 100 mA
	71.1
Standby Current	<= 20 mA
	15.7

Test Info

Test Program:	Operator:	Date:
Tron_SART20_Testprogram_1-11	AKV	21.02.2012

Temperature Test:

Test at +55 C :	<i>010</i>	Test at -20 C :	<i>010</i>
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