

Frequency (GHz)	Input Power Pin (max.out)	Input Power Pin (limit)	Att Setting dB	Max.Input Pwr at att 0 dB	Output Pwr Pout (dBm)	Output Pwr Pout (Watt)	Output Pwr Front Panel	Output Pwr Limit	Output Pwr Limit	Gain dB (SSG)	Input dB (SSG)	Gain dB(LSG)	Sample Port
5,85	-14,38				59,87	970,00		650	750				
6	-15,85				60,01	1002,00		650	750				
6,15	-15,97				60,03	1008,00		650	750				
6,3	-15,62				60,01	1002,00		650	750				
6,45	-15,36				60,02	1004,00		650	750				
6,725	-14,86				60,02	1004,00		650	750				
Units:	dBm	dBm	dB	dBm	dBm	Watt	Watt	Watt	Watt	dB (SSG)	dBm	dB(LSG)	dBm
Note 1:					max	max		limit	limit	SSG = Small Signal Gain			
Note 2:	att.max 25 dB		if applicable	if applicable	Flange	Flange	if applicable	Flange	TWT	LSG = Large Signal Gain			
Customer:				Electrical Safety Test PAT/NEN 3140: PASS				Test equipment used:					
Date:	15-4-2019			Power cord:	Y		Spectrum Analyzer: Agilent E4407B 9 KHz-26.5 GHz Power meter 1: HP / Agilent EPM-441A Power head 1: Agilent E4412A 10 MHz-18 GHz Power meter 2: Agilent E4418B Power head 2: Agilent E4413A 10 MHz-26.5 GHz Power Meter 3: HP 437B Power Head 3: HP 8481A 10 MHz-18 GHz Sweeper / Signal generator: HP / Agilent: 83711A 1-20 GHz Power divider input: Agilent 11667B DC-26.5 GHz / Narda 3326-2 6-18 GHz Directional coupler: Apollo Microwave 10706-9-20 (50 dB) Dummy load: Apollo Microwave 10608-S 400 / 750 Watt PAT / NEN3140 Tester: Nieaf Smitt EazyPat 3140 / Fluke 6500 Test cables: Huber+Suhner Sucotest 18						
Tested by:	KvA			User Manual:	Y								
Unit Brand:	Xicom			Interlock connector pres.:	Y								
Unit Model No.:	XTRD-750C	TWTA / SSPA:	TWTA	Interlock:	DB15: 11&13								
Unit Part No.:	305-0195-004			Optical condition (1-10):	9								
Unit Serial No.:	7669												
Unit Date:	38-2001												
Output Pwr max:	750	Watt (TWT)	650	Watt (Flange)									
Freq.range:	5,85-6,725			GHz									
Options:													
Upconverter:	N	LO freq.:	N.A.	10 MHz needed:	N.A.								
Linearizer:	N	Build in var. attenuator:	Y										
Operating hours:													
Beam	50.000	hrs											
Heater	50.000	hrs											
Helix current:			Helix voltage:	11,2	kV								
Idle (no input)	0,6	mA		IhxDC									
Saturated	3,2	mA		IhxPsat									
Remarks:	Extended C-Band, very high power output! Logic board was replaced, lost hr count: estimation						Final test result: OK See remarks						