



**TYPICAL CHARACTERISTICS
FOR
P2T-500M20G-50-T-SFF-1-NH**



TESTED & REPORTED BY: RANDY COMBS

APRIL 9, 2012



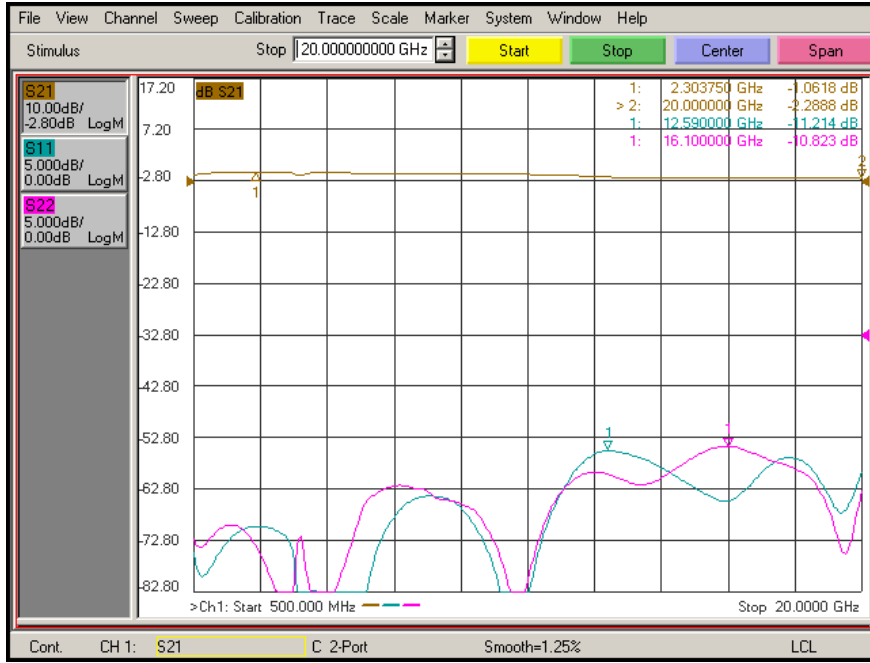
**TYPICAL CHARACTERISTICS
FOR
P2T-500M20G-50-T-SFF-1-NH**

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS FAIL	QA QC
1	Frequency Range:	0.5 – 20 GHz	Pass 0.5 – 20 GHz	
2	Insertion Loss:	2.8dB Max.	Pass 2.49dB See Plot	
3	Isolation:	50dB Min.	Pass 58.36dB See Plot	
4	VSWR:	1.9:1 Max.	Pass 1.85:1 See Plot	
5	Switching Speed:	50nsec Max.	Pass See Typical Characteristics	
6	DC Supply:	80mA@ +5VDC Typ. 80mA@ -12VDC Typ.	14mA 38Ma	
7	Control Signal:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	Pass	

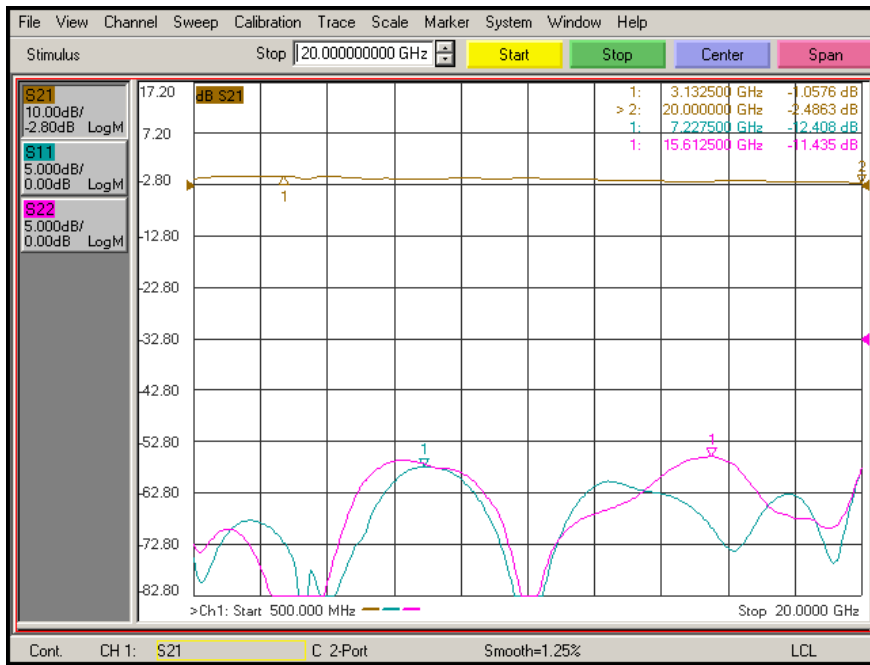


TYPICAL CHARACTERISTICS FOR P2T-500M20G-50-T-SFF-1-NH

(J1-J2) Insertion Loss and Return Loss



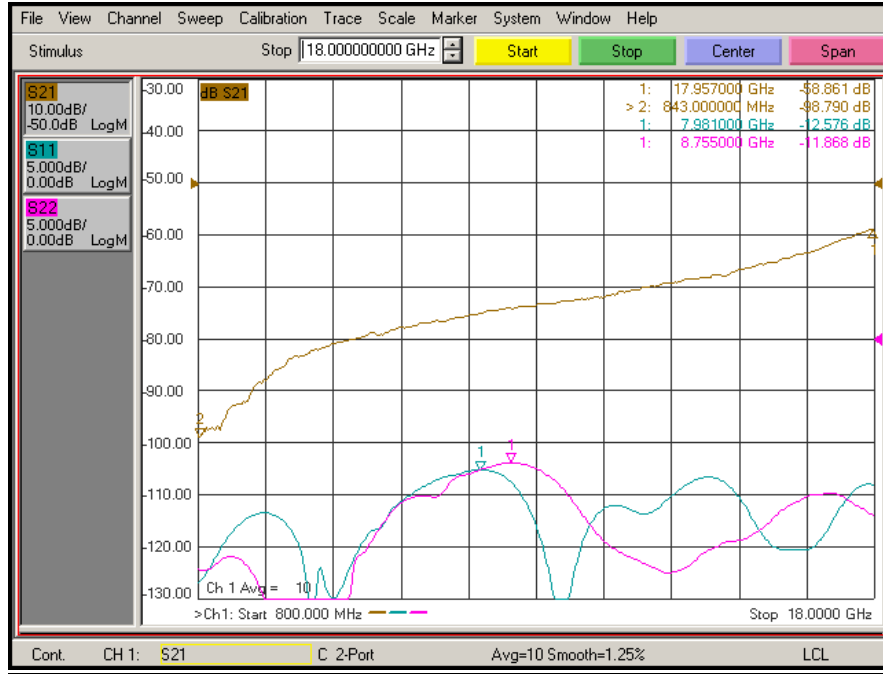
(J1-J3) Insertion Loss and Return Loss



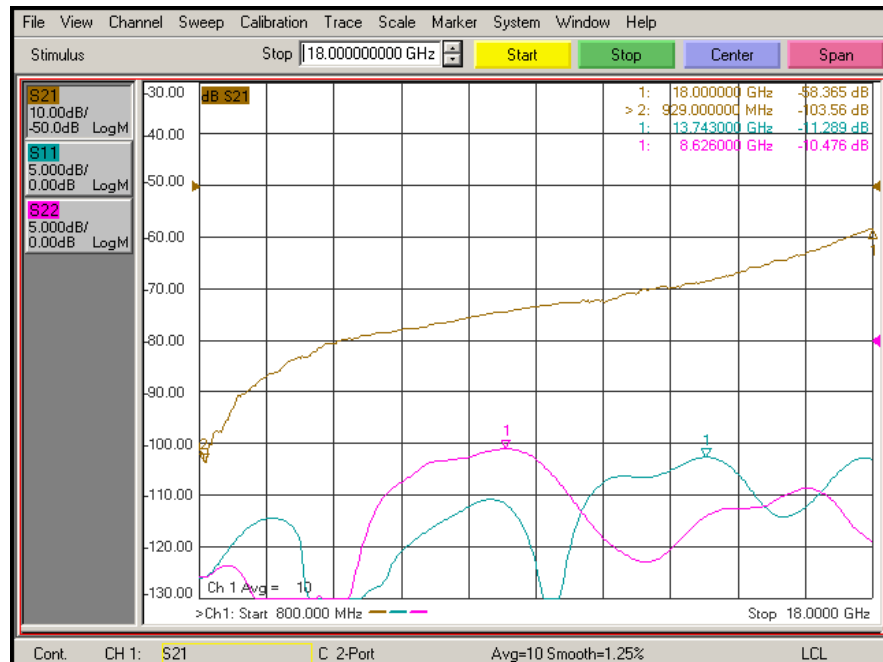


TYPICAL CHARACTERISTICS FOR P2T-500M20G-50-T-SFF-1-NH

(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

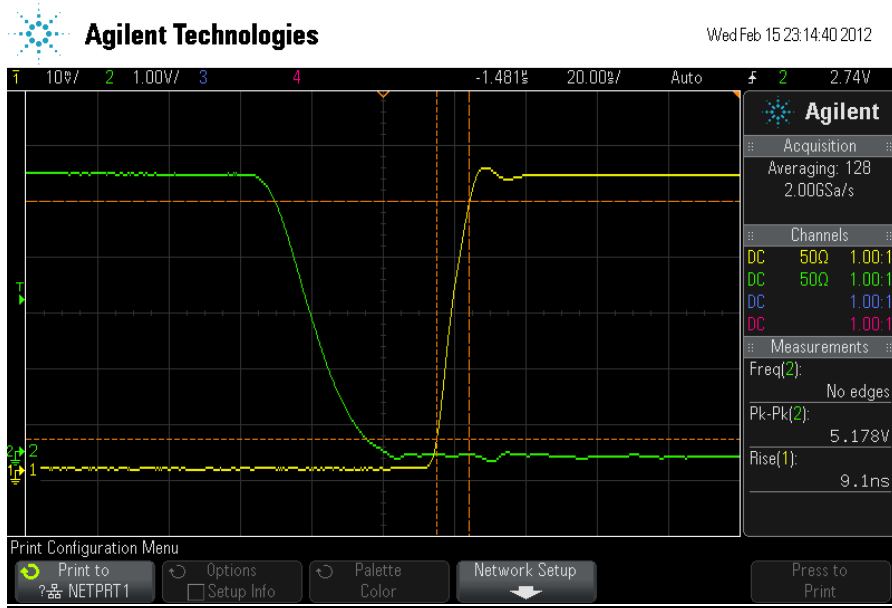




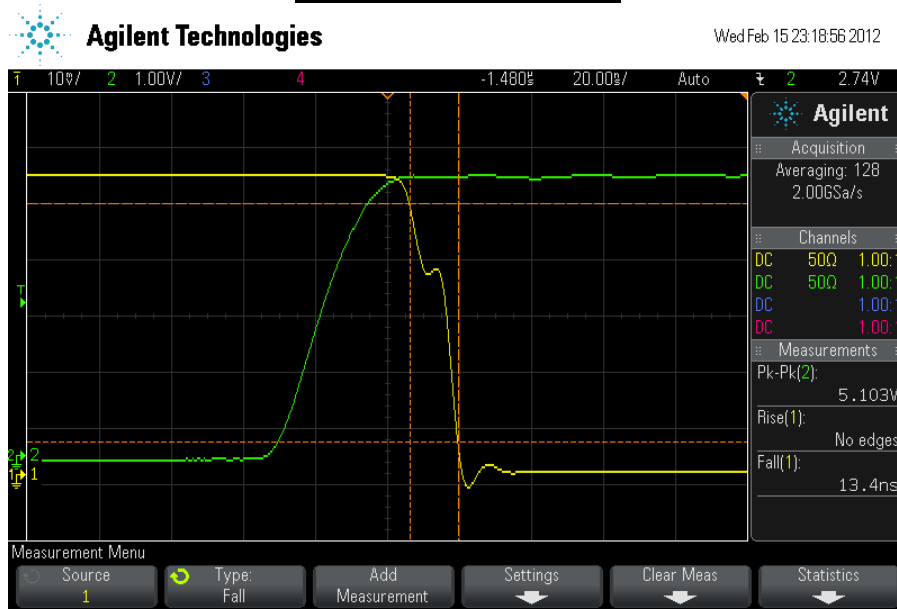
TYPICAL CHARACTERISTICS FOR P2T-500M20G-50-T-SFF-1-NH

Switching Speed

Rise Time & ON Delay



Fall Time & OFF Delay



Green Trace: TTL Signal
Yellow Trace: RF Signal

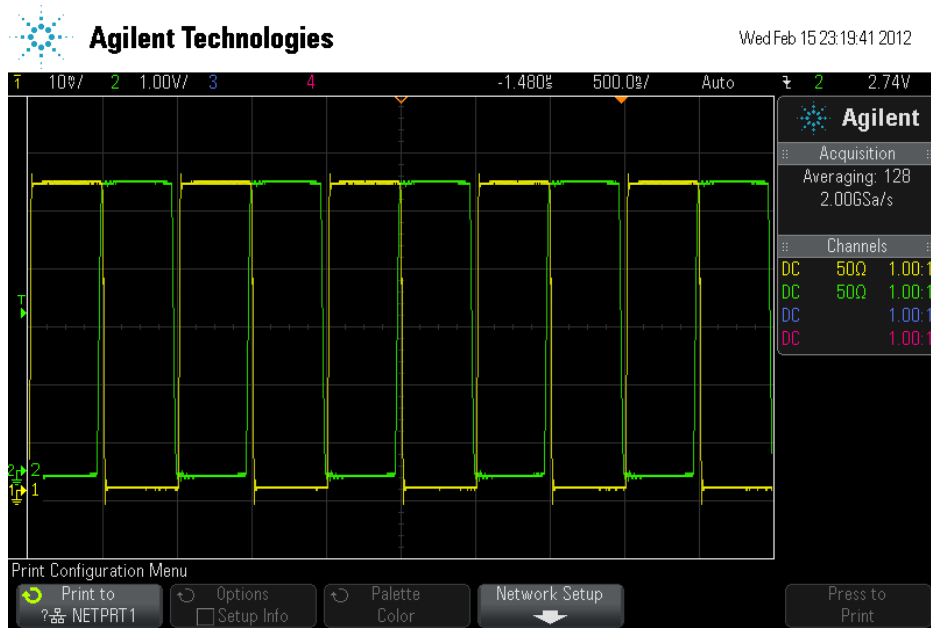
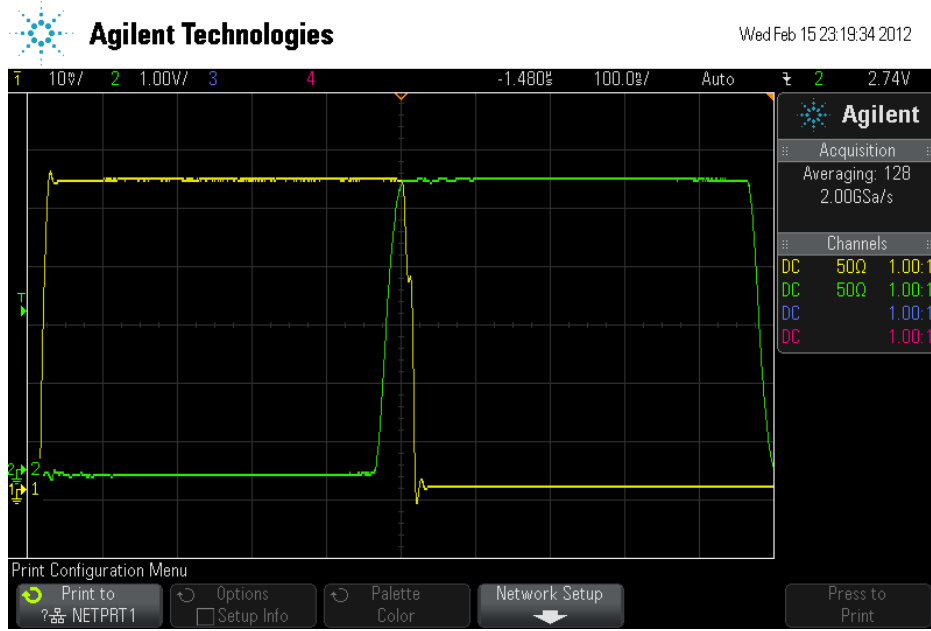
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TYPICAL CHARACTERISTICS FOR P2T-500M20G-50-T-SFF-1-NH

Switching Speed

Full Pulse



Green Trace: TTL Signal
Yellow Trace: RF Signal

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