



Typical Characteristics For P2T-0R3G18G-70-T-55-SFF



October 3, 2011
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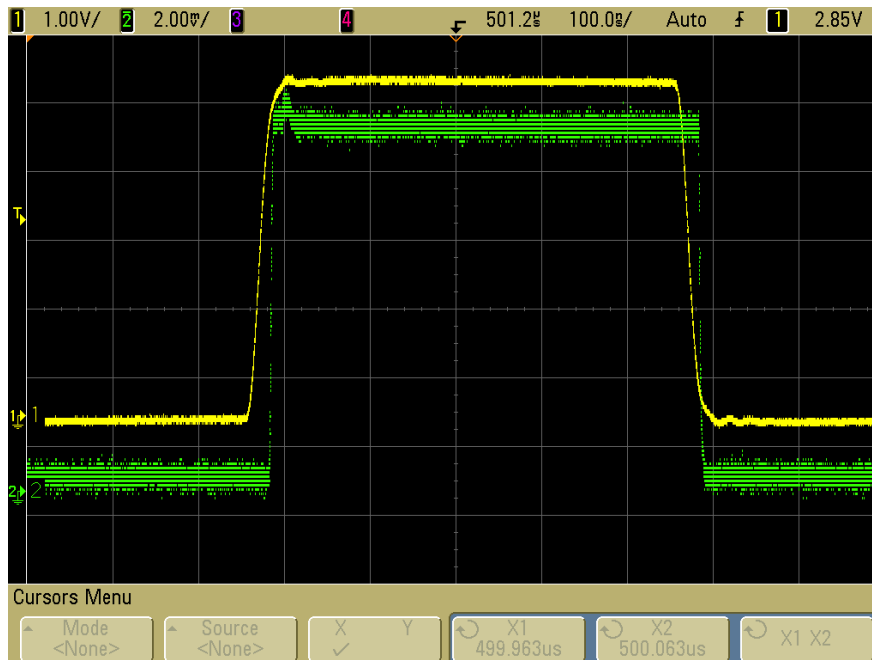
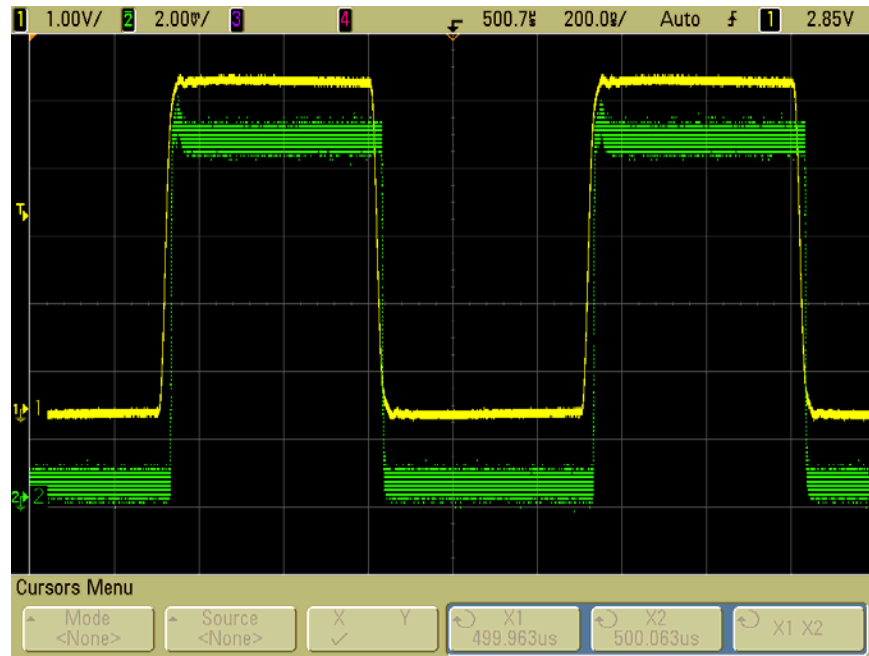
**SUMMARY TEST DATA
ON
P2T-0R3G18G-70-T-55-SFF**

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | | PASS FAIL | QA QC |
|---------------|------------------|--|-----------|--|-------|
| 1 | Frequency Range: | 0.3 – 18.0 GHz | | PASS | |
| 2 | Insertion Loss: | 3.5 dB Max | | 3.29 dB (J1-J2) 3.20 dB (J1-J3) PASS | |
| 3 | Isolation: | 70 dB Min | | 80dB Min. (J3) 80dB Min. (J2) PASS | |
| 4 | VSWR: | In/Out | 2.0:1 Typ | 1.90:1 PASS | |
| | | Terminated Out: | 2.0:1 Typ | 1.85:1 PASS | |
| | | | | See Plot | |
| 5 | Rise Time | 50 nsec Max (10% RF TO 90% RF) | | See Typical Characteristics PASS | |
| 6 | Fall Time | 50 nsec Max (90% RF TO 10% RF) | | See Typical Characteristics PASS | |
| 7 | DC Supply: | +5VDC @ 65 mA Max | | 40 mA | |
| | | -5VDC @ 50 mA Max | | 50 mA | |
| 8 | Control Signal | TLL LOGIC "0" = J1-J2 ON TLL LOGIC "1" = J1-J3 ON | | Pass | |



Switching Speed TYP.

Full Pulse



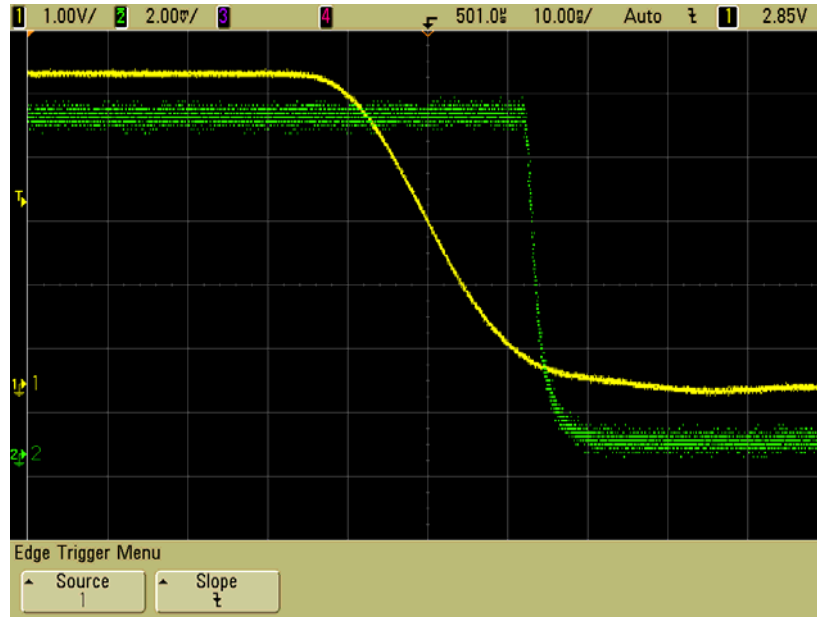
GREEN TRACE: RF SIGNAL
YELLOW TRACE: TTL SIGNAL

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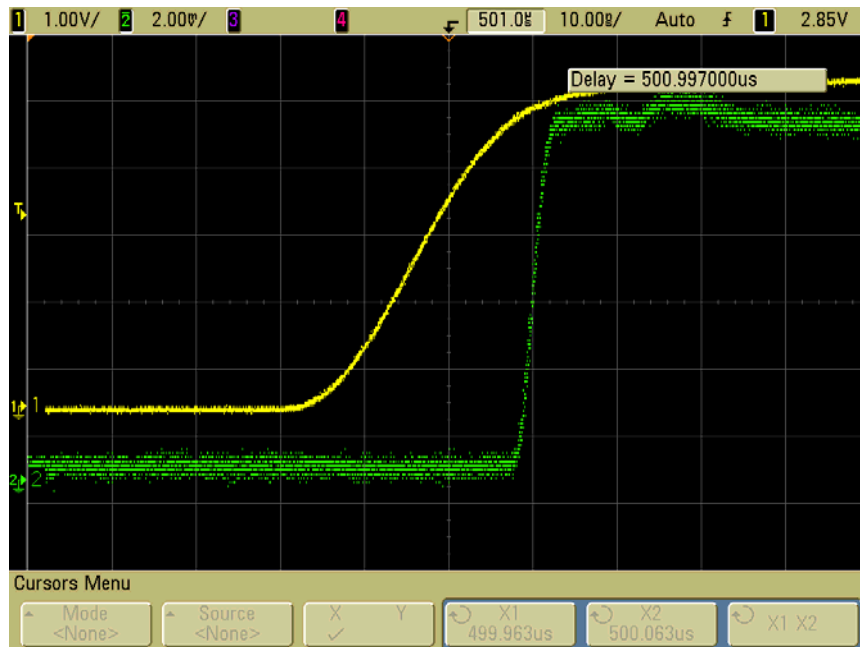


Switching Speed TYP.

Delay OFF



Delay ON

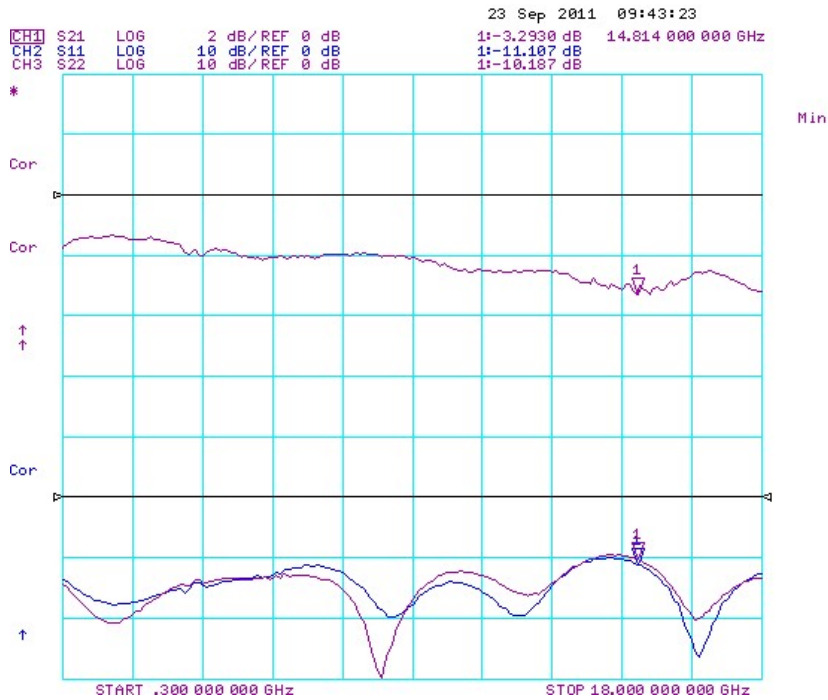


GREEN TRACE: RF SIGNAL
YELLOW TRACE: TTL SIGNAL

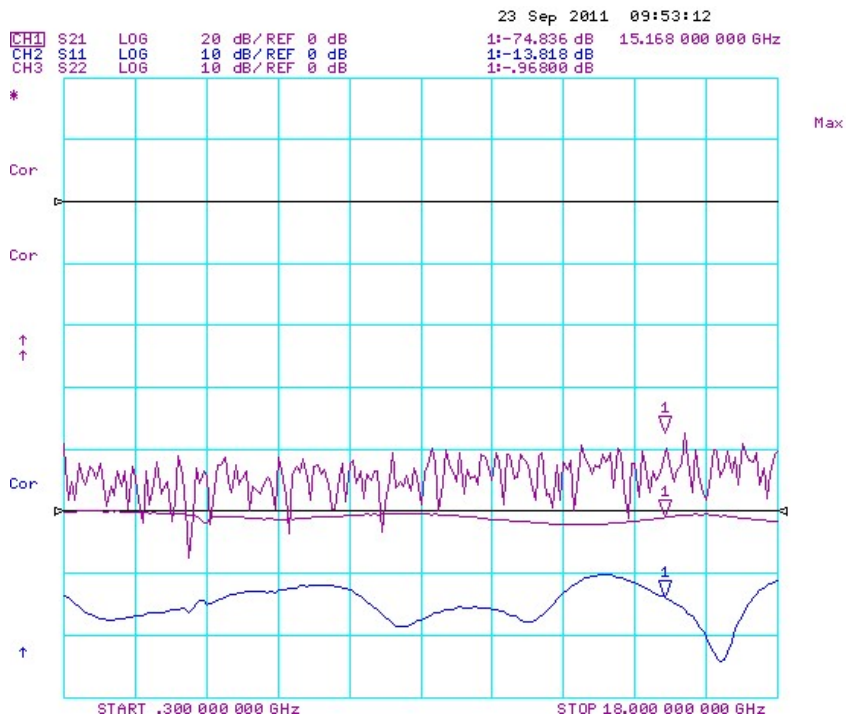


J1-J2

Insertion Loss (S21) / VSWR (S11/S22)



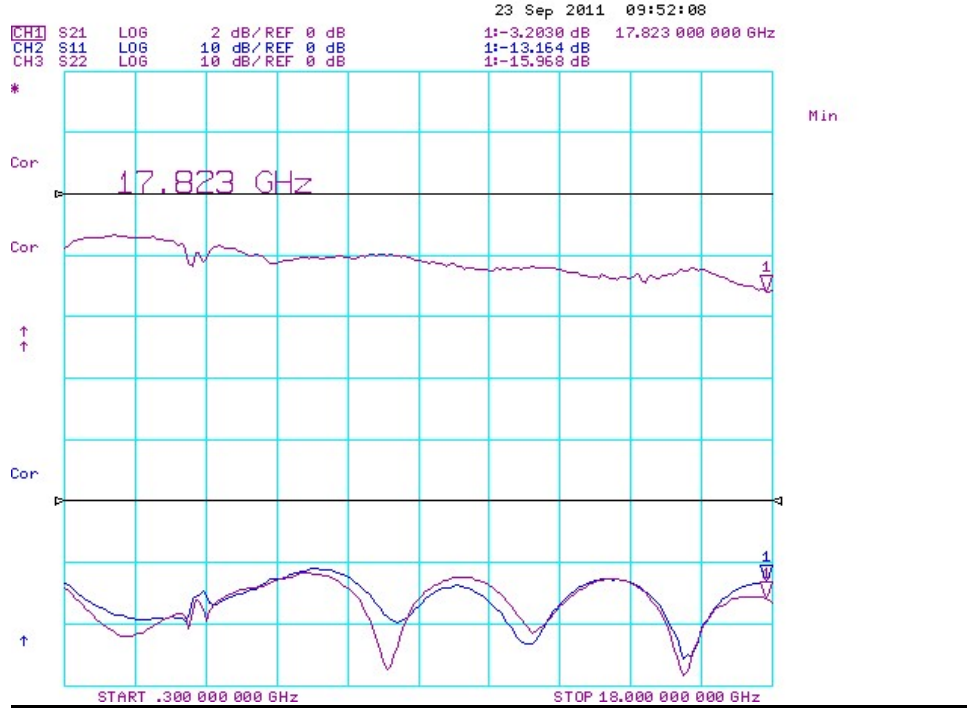
Isolation (S21) / Termination (S22)





J1-J3

Insertion Loss (S21) / VSWR (S11/S22)



Isolation (S21) / Termination (S22)

