



SUMMARY TEST ON P1T-DC18-60-T-SFF-HSLVT-LSC

Customer: _____

Tested By: Alfredo Lopez

SO No: _____

Temperature: +25° C

Model No: _____

Date: 2/3/2026

Serial No: PL53667/2526

Drawing No: 27628081

REV: A2

Leakage test Ref : PL53662/2526

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
			+25°C	
1	Frequency Range:	DC to 18 GHz	DC to 18 GHz	PMI QA2
2	Insertion Loss:	4.5 dB Max.	3.65 dB See Graph	
3	Isolation:	55 dB Min. (10 MHz-2GHz) 60 dB Min. (2-12 GHz) 70 dB Min. (12-18 GHz)	59.74 dB	
			61.69 dB	
			76.13 dB	
			See Graphs	
4	Leakage Unit to Unit:	60 dB Min. (10 MHz-1 GHz) 90 dB Min. (1 - 18 GHz)	60.17 dB	
			90.35 dB	
			See Graphs	
5	Leakage TTL Port:	60 dB Min (10 MHz-12 GHz) 70 dB Min (12-18 GHz)	60.64 dB	
			86.55 dB	
			See Graph	
6	VSWR: In/Out	2.0:1 Max.	1.65 :1 See Graphs	
7	Rise time: Fall time: Speed ON: Speed OFF:	10 ns Max. 10 ns Max. 30 ns Max. 25 ns Max.	4.72 ns	
			3.95 ns	
			28.56 ns	
			18.4 ns	
			See Plots	
8	Spectral Emissions During Switching: (Spectrum Content)	50 dBm Min. (10 MHz to 0.5 GHz) 80 dBm Min. (0.5 to 18 GHz) 1.0 kHz VBW/RBW	51.53 dBm	
			92.55 dBm	
			See Plots	
9	Control Signal:	TTL LOGIC '0' : Insertion Loss '1' : Isolation	TTL LOGIC '0' : Insertion Loss '1' : Isolation	
10	Power Supply:	-5 V @ 25 mA Max.	-5 V @ 16 mA	PMI QA2

QA/QC Approval: _____

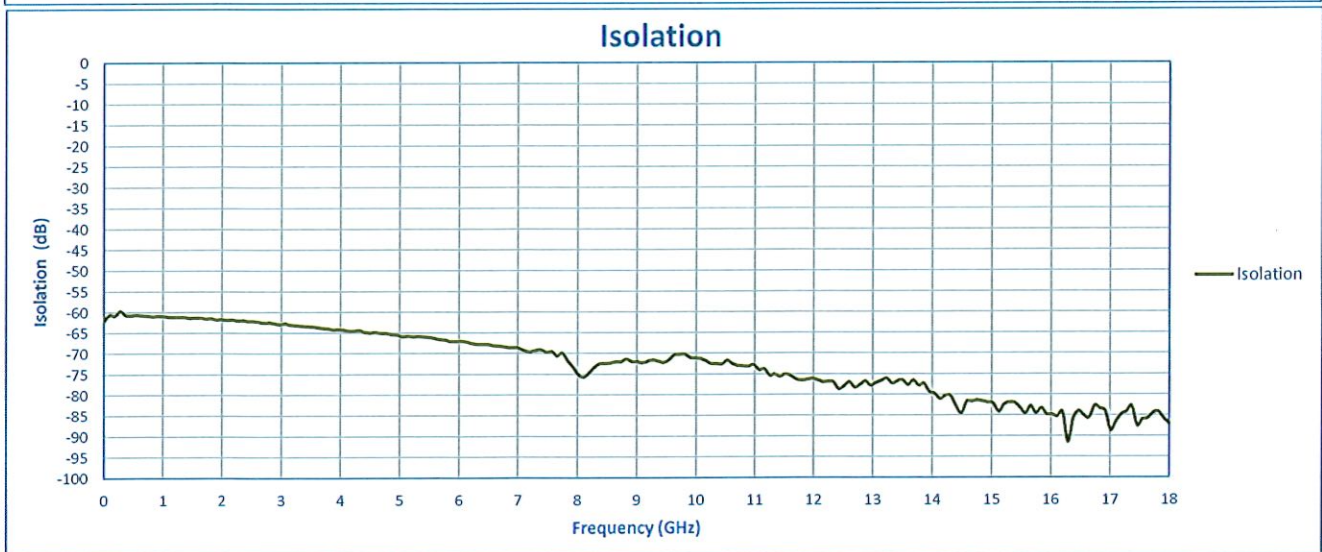
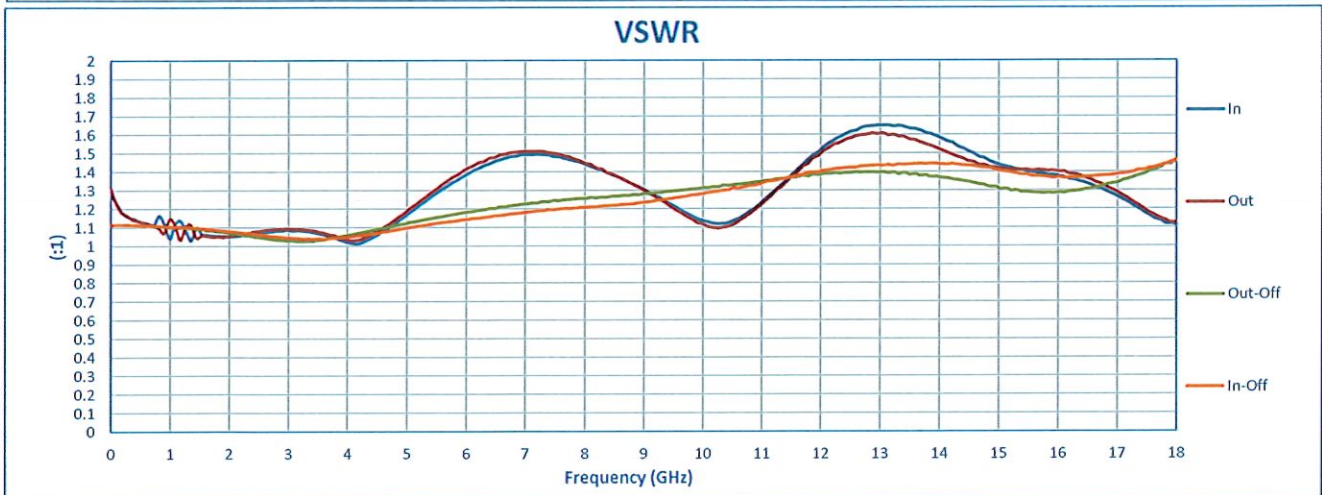
[Handwritten signatures]

PMI
QA2

Date: _____

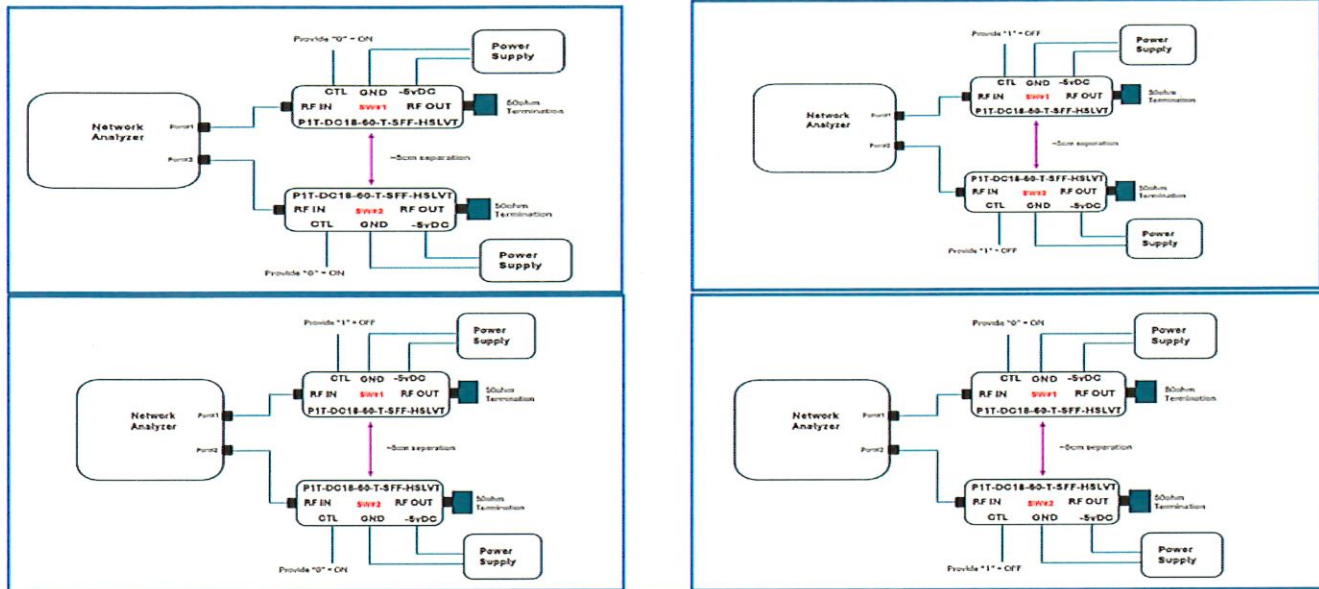
2/4/2026

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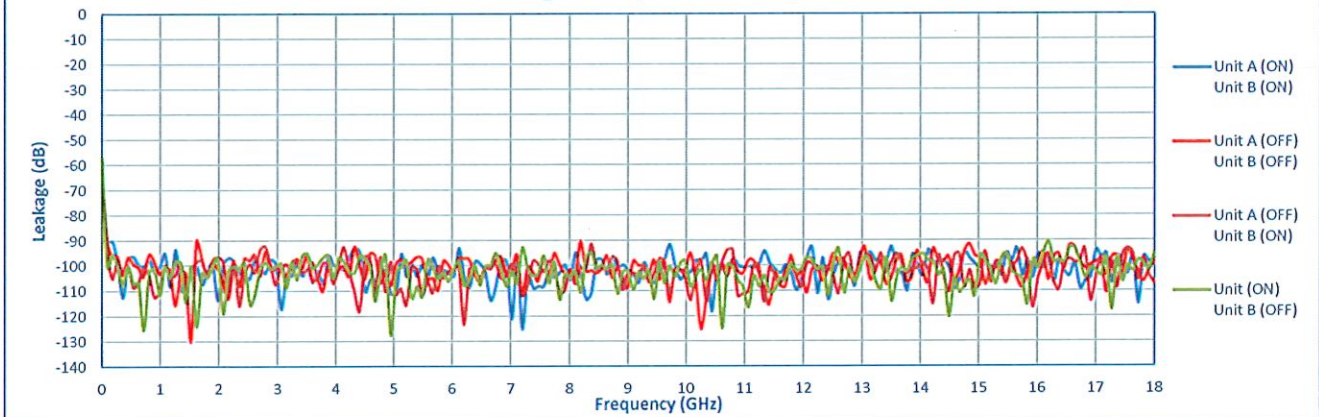


SUMMARY TEST ON P1T-DC18-60-T-SFF-HSLVT-LSC

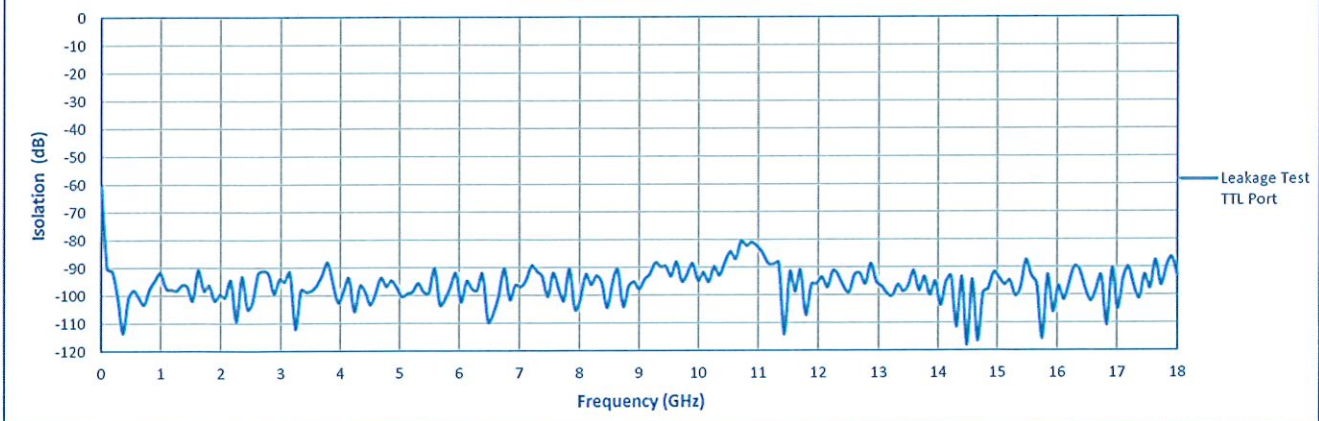
Leakage Test Configuration



Leakage Test (Unit to Unit)



Leakage Test TTL Port

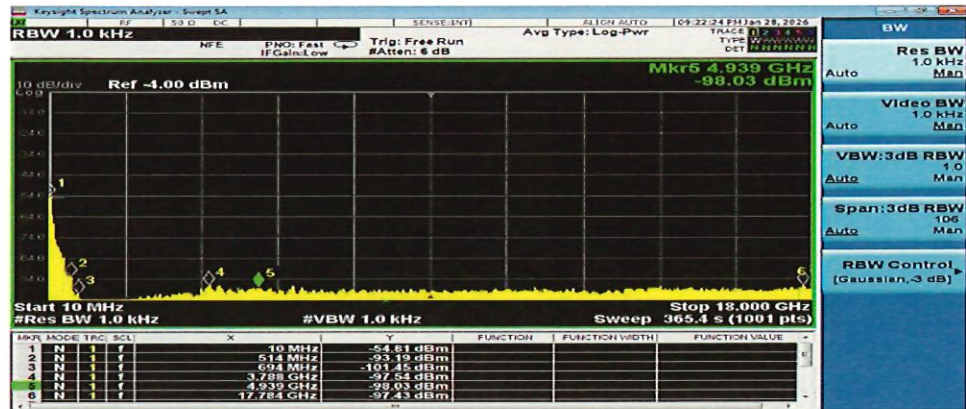


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Spectral Emissions During Switching (Spectrum Content)

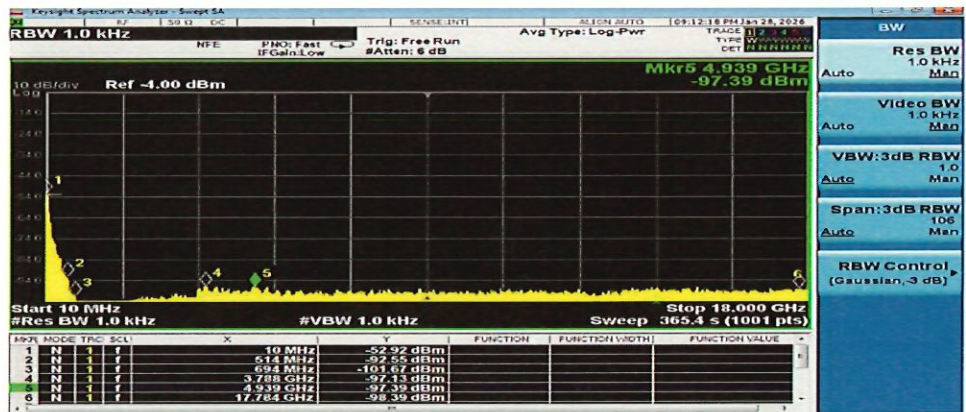
Pulse Parameters

PW - 60 ns
PRI - 280 ns
Frequency - 3.57 MHz



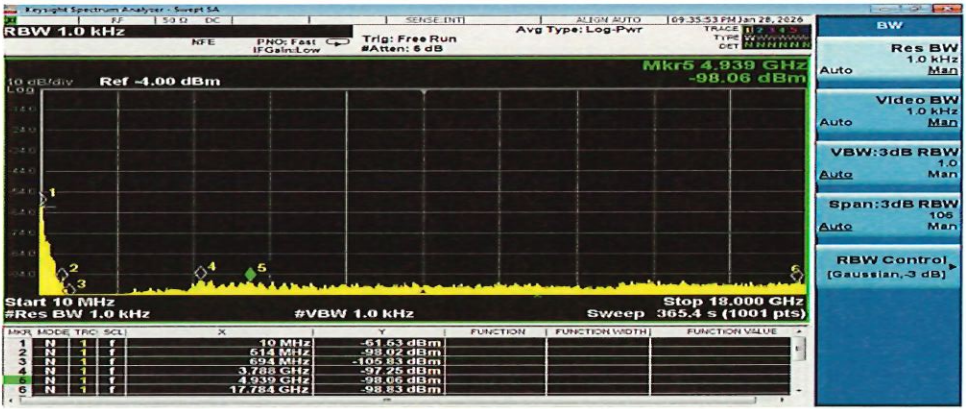
Pulse Parameters

PW - 100 ns
PRI - 280 ns
Frequency - 3.57 MHz



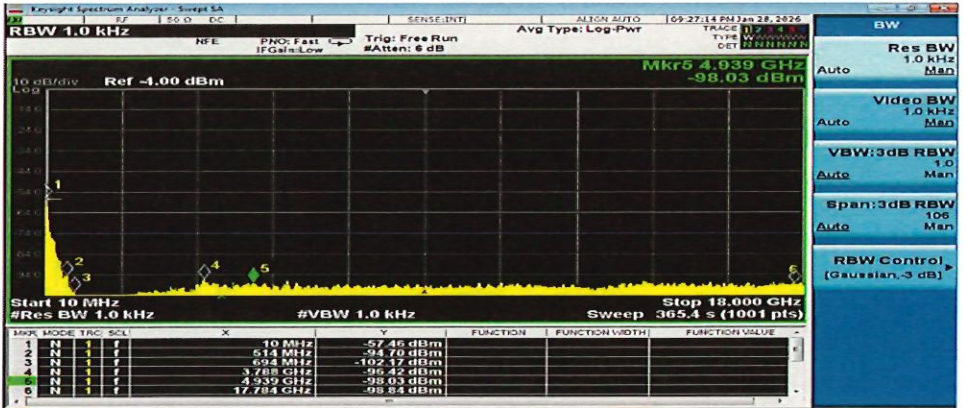
Pulse Parameters

PW - 50 ns
PRI - 700 ns
Frequency - 1.43 MHz



Pulse Parameters

PW - 300 ns
PRI - 700 ns
Frequency - 1.43 MHz



SUMMARY TEST ON P1T-DC18-60-T-SFF-HSLVT-LSC

Switching Speed

Pulse Parameters

PW - 60 ns

PRI - 280 ns

Frequency - 3.57 MHz

Rise time	4.72 ns
Fall time	3.95 ns
Speed ON	28.24 ns
Speed OFF	17.60 ns



Pulse Parameters

PW - 100 ns

PRI - 280 ns

Frequency - 3.57 MHz

Rise time	3.98 ns
Fall time	3.45 ns
Speed ON	28.56 ns
Speed OFF	18.40 ns



Pulse Parameters

PW - 50 ns

PRI - 700 ns

Frequency - 1.43 MHz

Rise time	4.54 ns
Fall time	3.78 ns
Speed ON	27.68 ns
Speed OFF	17.92 ns



Pulse Parameters

PW - 300 ns

PRI - 700 ns

Frequency - 1.43 MHz

Rise time	4.06 ns
Fall time	3.50 ns
Speed ON	27.36 ns
Speed OFF	17.68 ns



Yellow Trace - TTL
Green Trace - RF Signal