



**SUMMARY TEST DATA
ON
6SFB-100M18G-1MP-MAH**

PL15447/1427

Customer: _____	Tested By: <u>Daniel Almond</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>6SFB-100M18G-1MP-MAH</u>	Date: <u>07/17/14</u>
Serial No: <u>PL15447/1427</u>	Drawing No: <u>27619661</u> Rev: <u>B1</u>

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency	100 MHz-18.0 GHz	100 MHz-18.0 GHz	PMI QA 2
2	Gain	18 dB Typ.	18.8 to 25.6dB	
3	Isolation J1, J6	100 dB	100dB Typ	
4	Switching Speed	100 ns	100ns	
5	J1 Input Frequency (Input from Backplane)	100 MHz-18.0 GHz	100 MHz-18.0 GHz	
6	J1 Input Power Level	-80 dBm to -10dBm	-80 to -10dBm	
7	J6 Input Frequency (Input from Transceiver)	100 MHz-18.0 GHz	100 MHz-18.0 GHz	
8	J6 Input Power Level	-52 dBm to -22dBm	-52 to -22dBm	
9	J3 Output Frequency (LO2 from Backplane)	100 MHz-18.0 GHz	100 MHz-18.0 GHz	
10	J3 Output Power Level	-62 dBm to +8 dBm Typ.	-66 to +4dBm Typ	
11	Thru Channel Passband Frequency	100 MHz-18 GHz	100 MHz - 18 GHz	
12	Channel 1 Center Frequency	3400 MHz	3400 MHz	
13	Channel 1 (3 dB Bandwidth)	2000 MHz	2000 MHz	
14	Channel 1 Rejection	-40 dBc Typ, -30 dBc Min 100 MHz-2 GHz, 4.8 GHz-8.5 GHz	59/35dBc Min	
15	Channel 2 Center Frequency	5400 MHz	5400 MHz	PMI QA 2

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TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
16	Channel 2 (3 dB Bandwidth)	2000 MHz	2000 MHz	PMI QA 2
17	Channel 2 Rejection	-40 dBc Typ, -30 dBc Min 100 MHz-4 GHz, 6.8 GHz-13.5 GHz	44/61dBc	
18	Channel 3 Center Frequency	7400 MHz	7400 MHz	
19	Channel 3 dB Bandwidth	2000 MHz	2000 MHz	
20	Channel 3 Rejection	-40 dBc Typ, -30 dBc Min 100 MHz-6 GHz, 8.8 GHz-18 GHz	42/33dBc	
21	Channel 4 Center Frequency	9400 MHz	9400 MHz	
22	Channel 4 (3 dB Bandwidth)	2000 MHz	2000 MHz	
23	Channel 4 Rejection	-40 dBc Typ, -30 dBc Min 100 MHz-8 GHz, 10.8 GHz-18 GHz	35/37dBc	
24	Channel 5 Center Frequency	11400 MHz	11400 MHz	
25	Channel 5 (3 dB Bandwidth)	2000 MHz	2000 MHz	
26	Channel 5 Rejection	-40 dBc Typ, -30 dBc Min 100 MHz-10 GHz, 12.8 GHz-18 GHz	54/40dBc	
27	Control Logic	3.3 V TTL	3.3V	
28	Power Supply	+12 V, -12 V, +5 V, +3.3V	+12V@ 164mA +5V@ 190mA +3.3V@ 0mA -12V@ 112mA	PMI QA 2

QA/QC Approval:

[Signature]

PMI QA 2

Date:

7/18/14