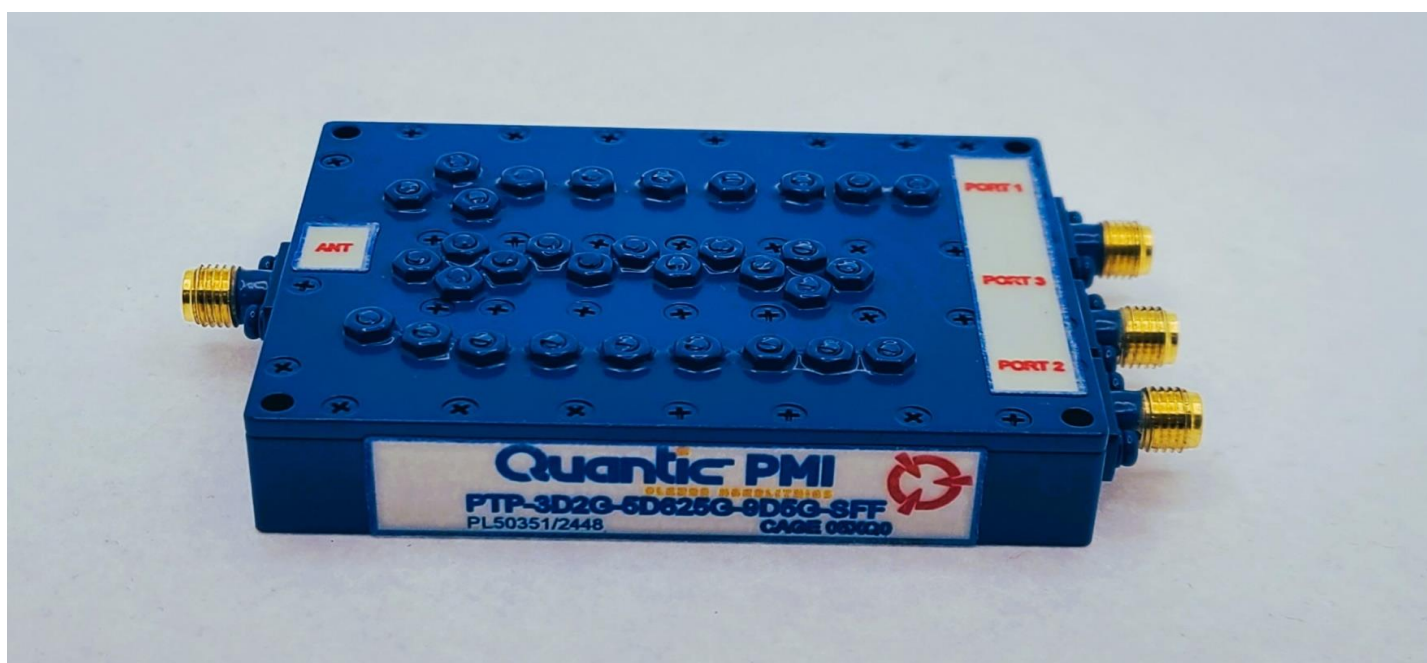


**TYPICAL CHARACTERISTICS
ON
PTP-3D2G-5D625G-9D5G-SFF**

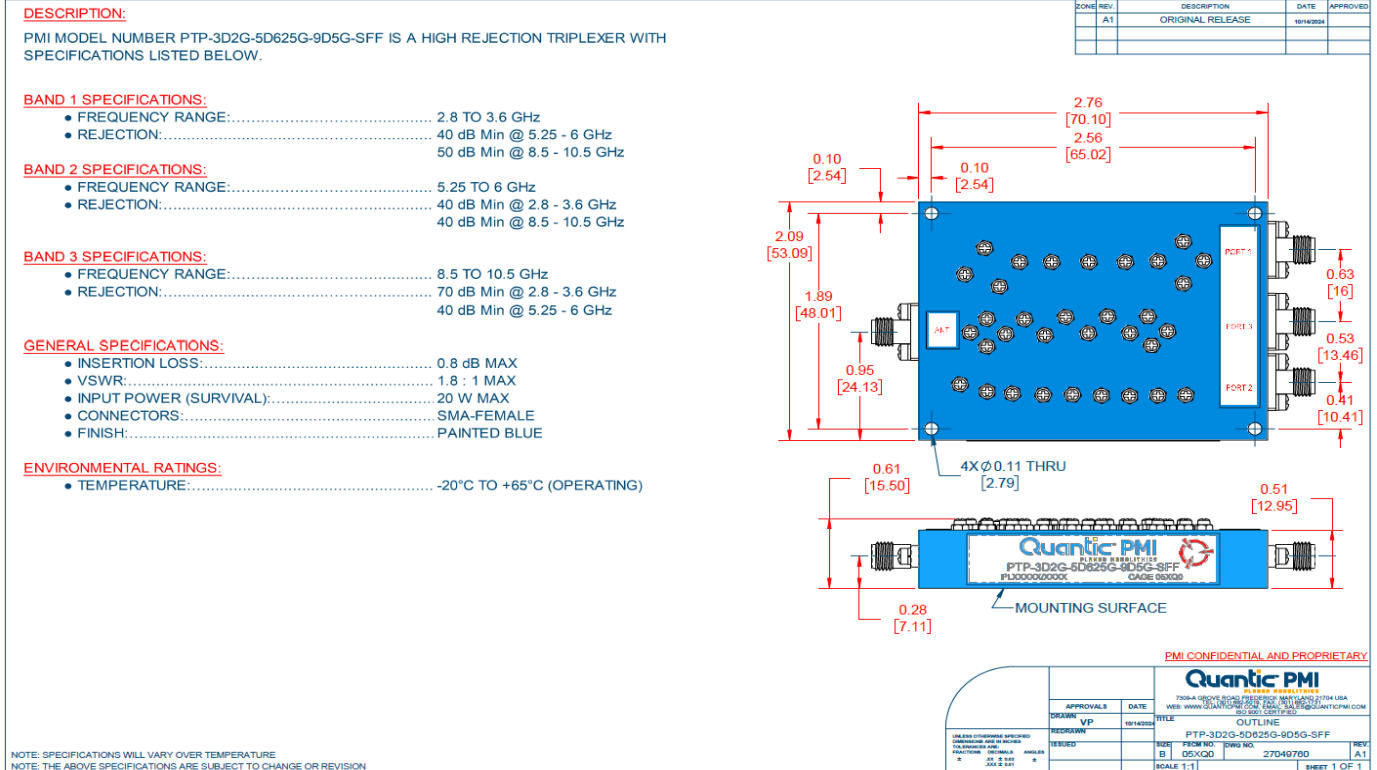
**PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER: PTP-3D2G-5D625G-9D5G-SFF IS A
TRIPLEXER COVERING THE 2.8 TO 10.5 GHz BAND. IT HAS SMA FEMALE CONNECTORS.**



**Reported By: V. Pratap
Tested By: K. Craven
Date: 11/21/2024**

TYPICAL CHARACTERISTICS ON PTP-3D2G-5D625G-9D5G-SFF

PRODUCT FEATURE

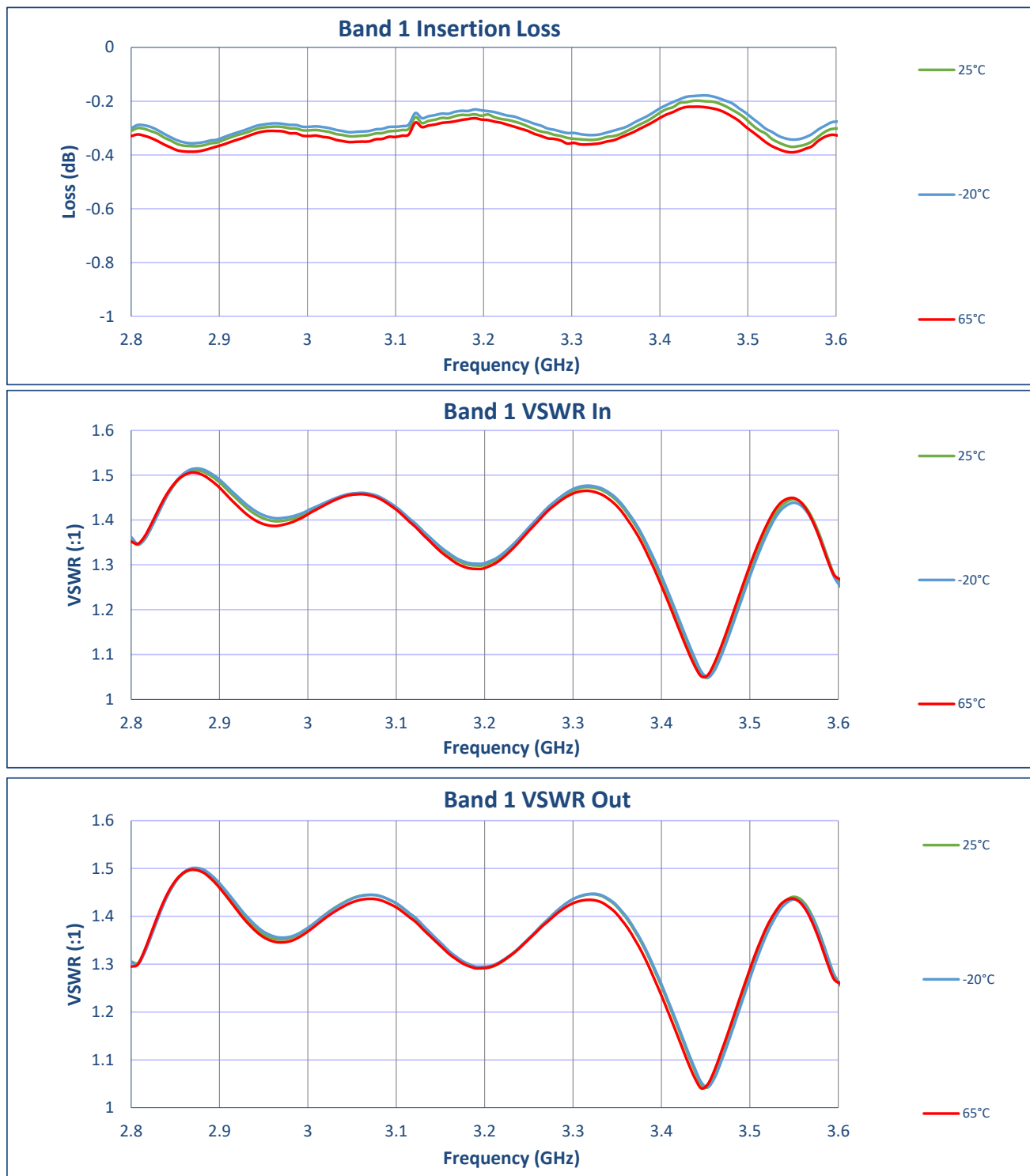


TYPICAL CHARACTERISTICS ON PTP-3D2G-5D625G-9D5G-SFF

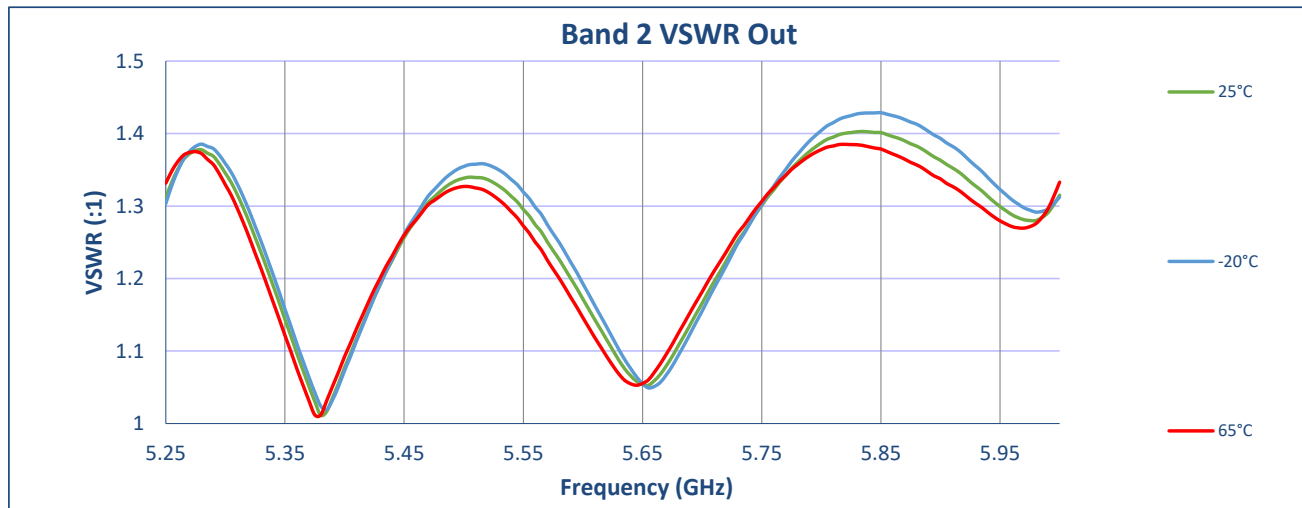
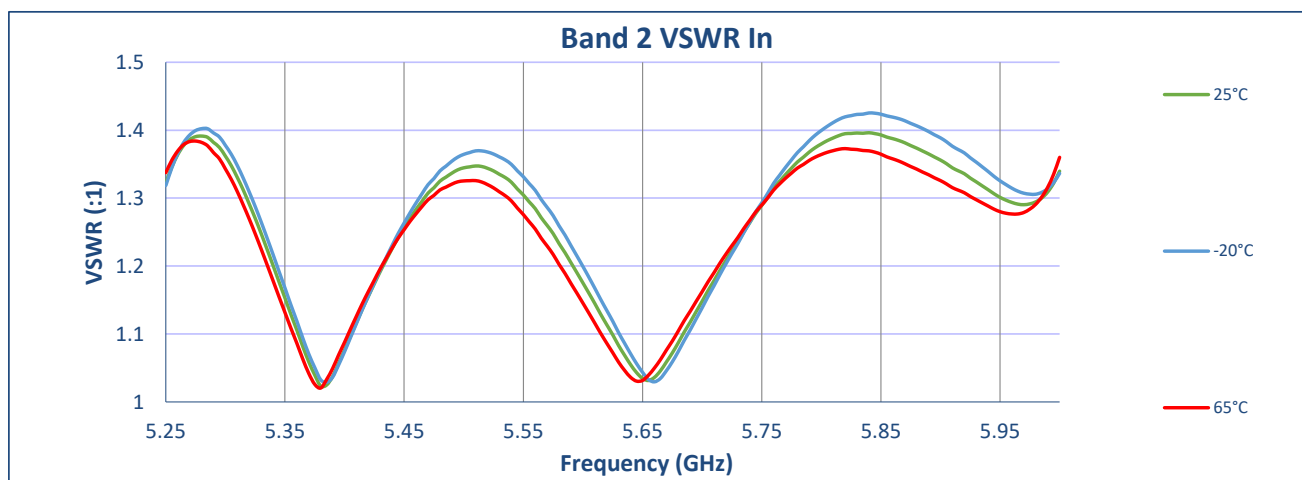
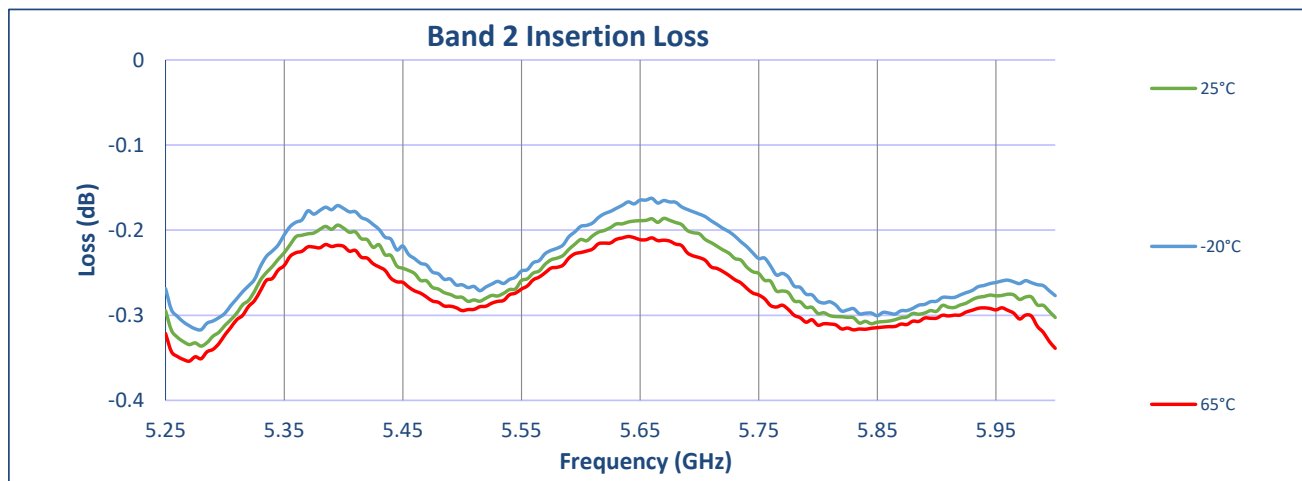
TEST DATA

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-20°C	+65°C
1	Frequency Range (Band 1)	2.8 GHz to 3.6 GHz	2.8 GHz to 3.6 GHz		
2	Frequency Range (Band 2)	5.25 GHz to 6 GHz	5.25 GHz to 6 GHz		
3	Frequency Range (Band 3)	8.5 GHz to 10.5 GHz	8.5 GHz to 10.5 GHz		
4	Input Power (Survival)	20W	20W Pass		
5	Insertion Loss	0.8 dB Max.	0.5 dB	0.47 dB	0.54 dB
6	VSWR	1.8:1 Max.	1.6:1	1.6:1	1.6:1
7	Rejection (Band 1)	40 dB Min @ 5.25 - 6 GHz 50 dB Min @ 8.5 - 10.5 GHz	79.8 dB 88.9 dB	79.2 dB 87.7 dB	79 dB 96.3 dB
8	Rejection (Band 2)	40 dB Min @ 2.8 - 3.6 GHz 40 dB Min @ 8.5 - 10.5 GHz	72.4 dB 86 dB	72.3 dB 87.9 dB	72 dB 87.7 dB
9	Rejection (Band 3)	70 dB Min @ 2.8 - 3.6 GHz 40 dB Min @ 5.25 - 6 GHz	90.3 dB 65.3 dB	89.2 dB 65.4 dB	90.1 dB 65.3 dB

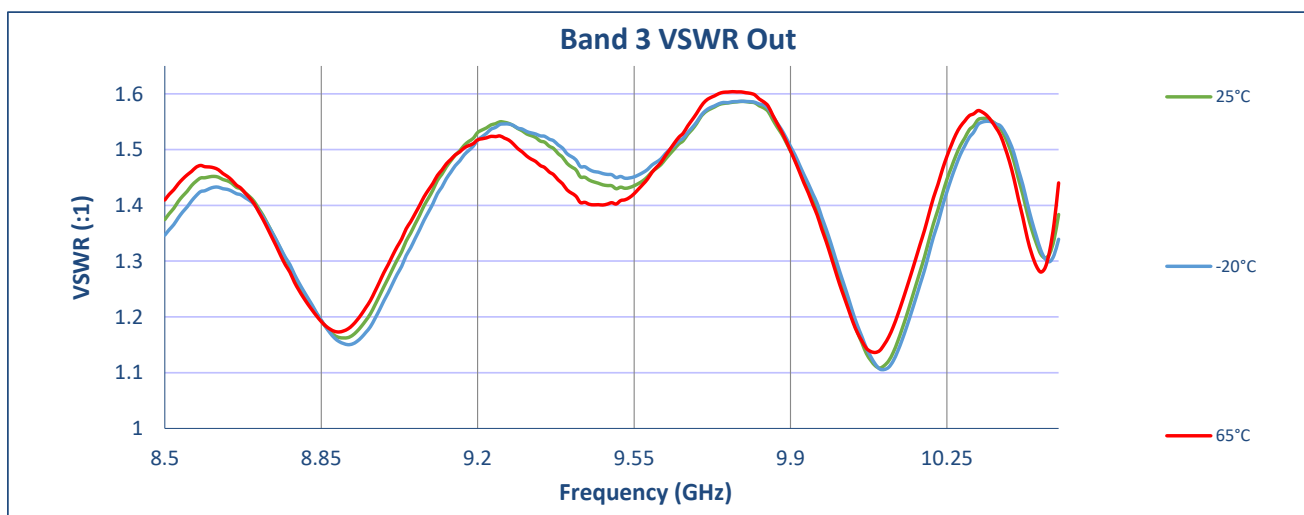
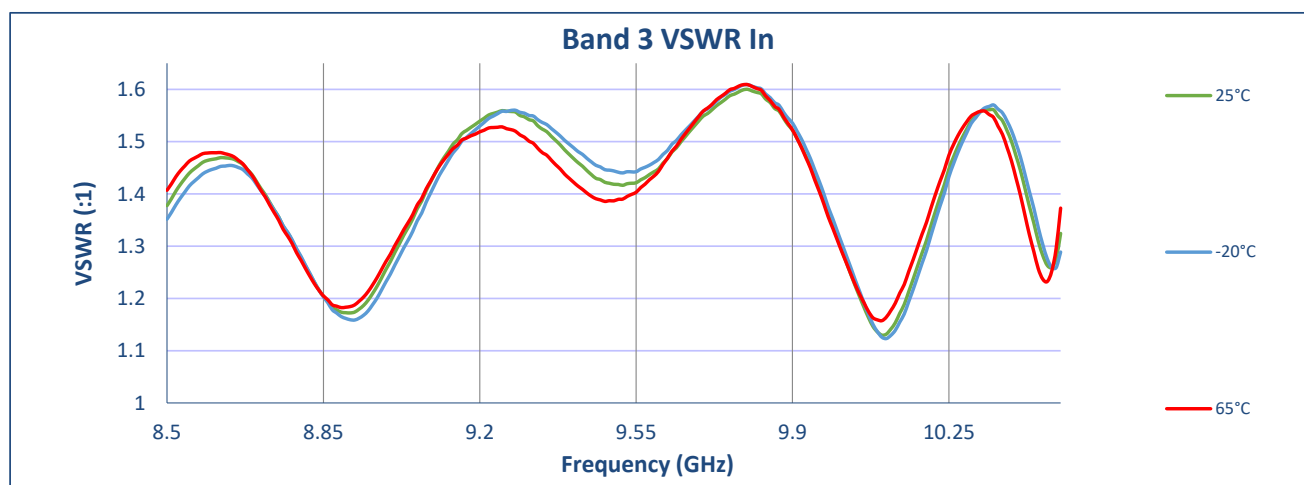
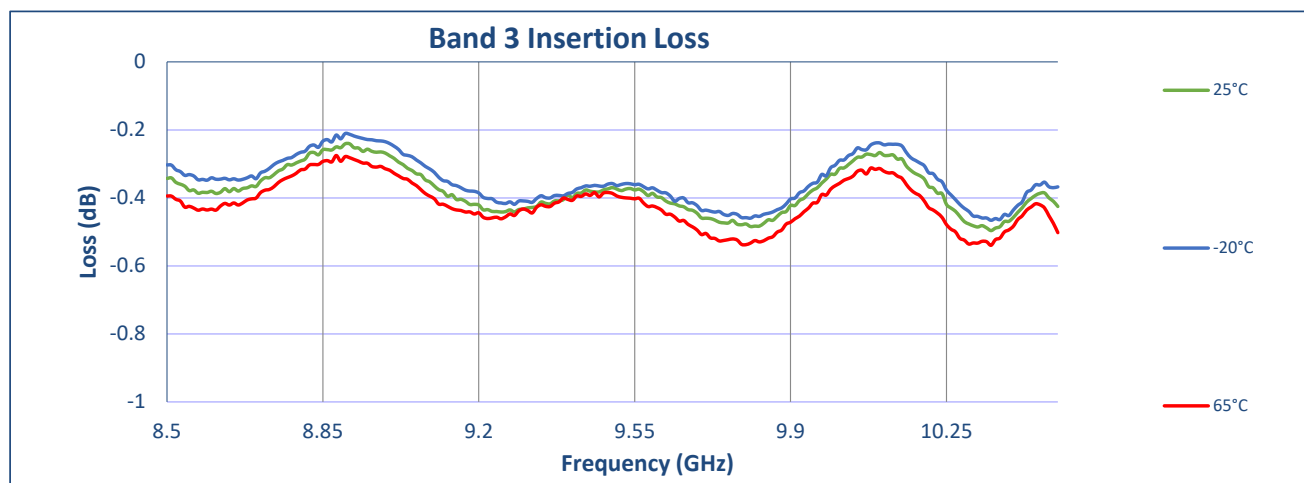
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ON
PTP-3D2G-5D625G-9D5G-SFF**



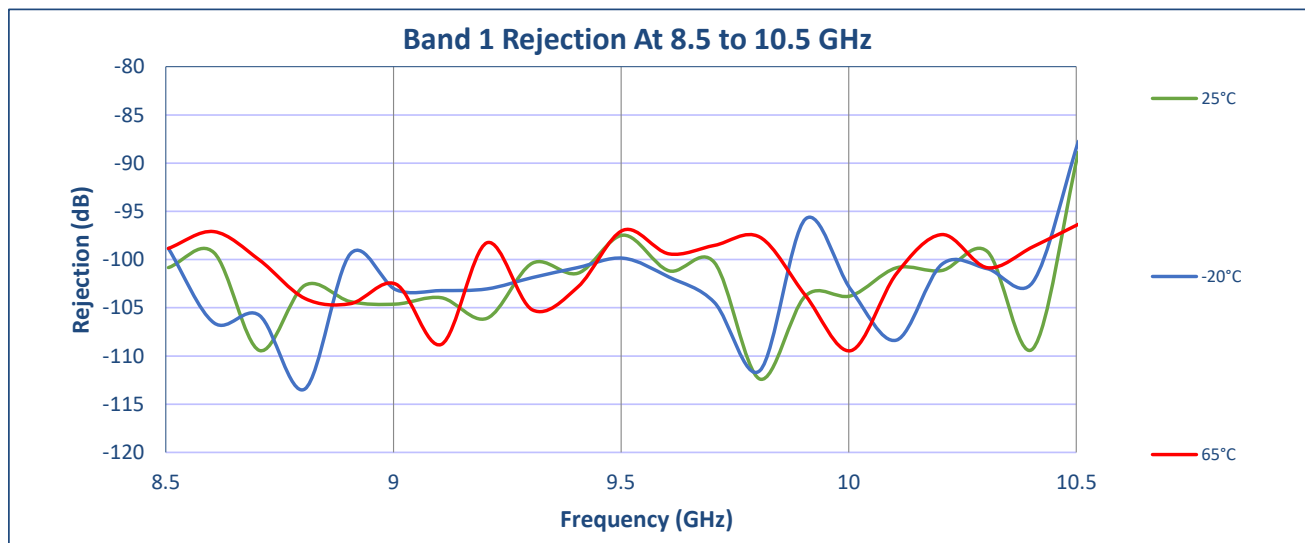
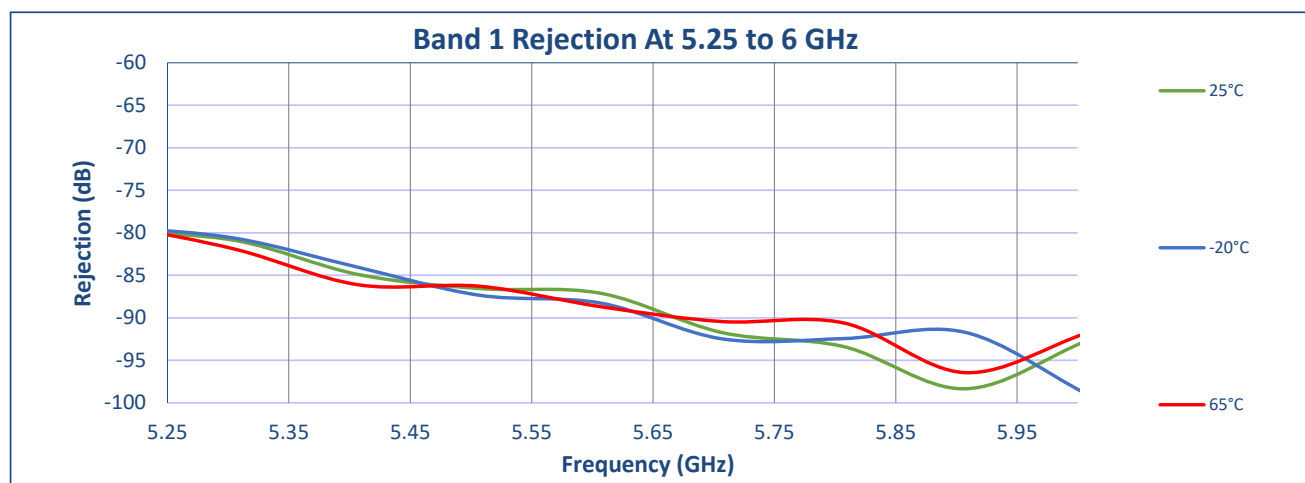
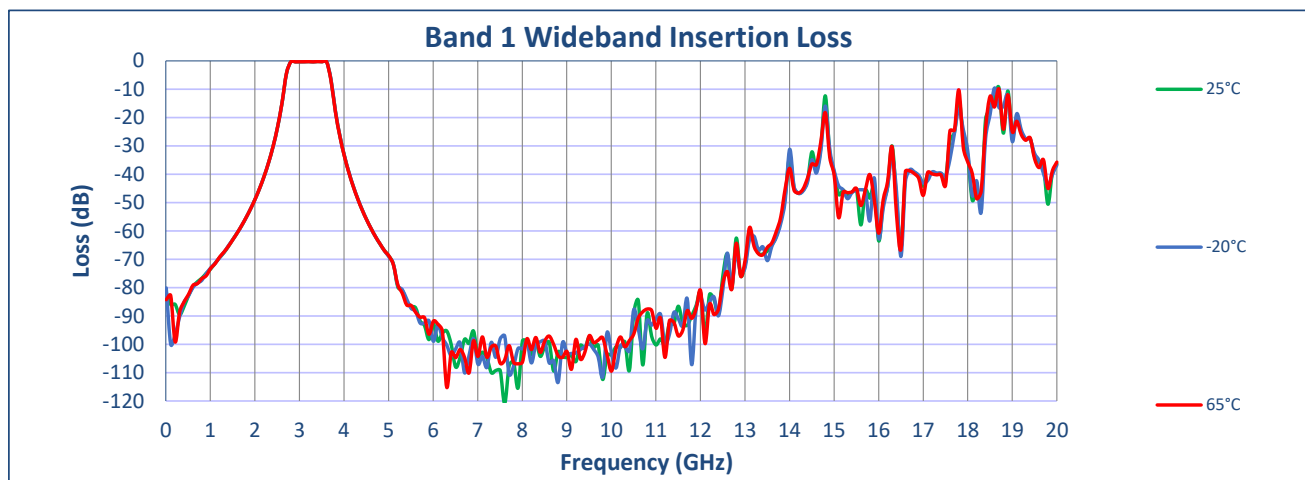
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PTP-3D2G-5D625G-9D5G-SFF**



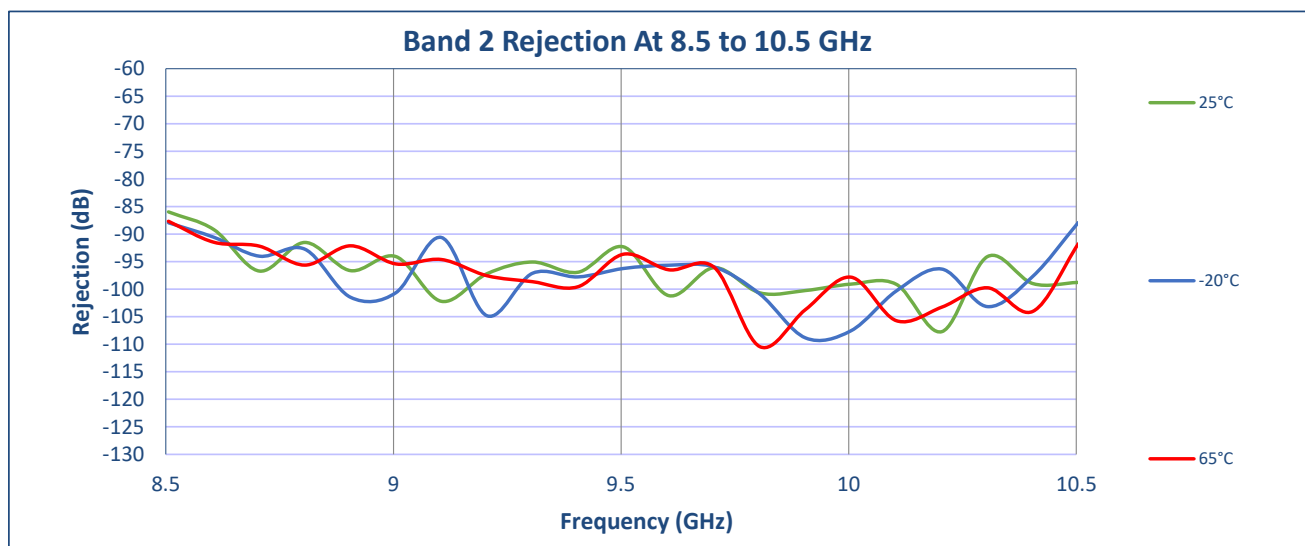
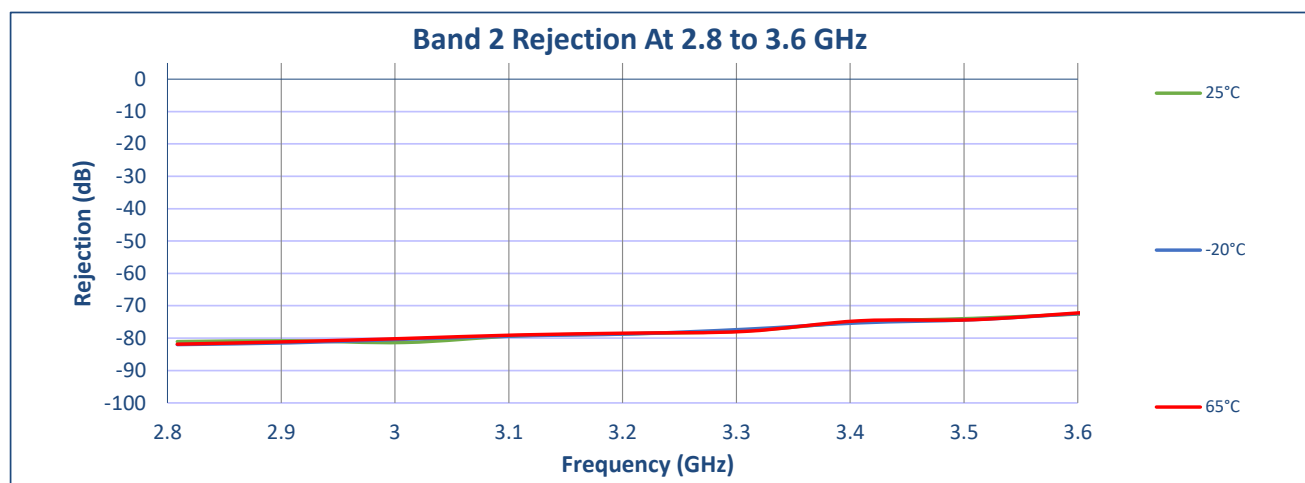
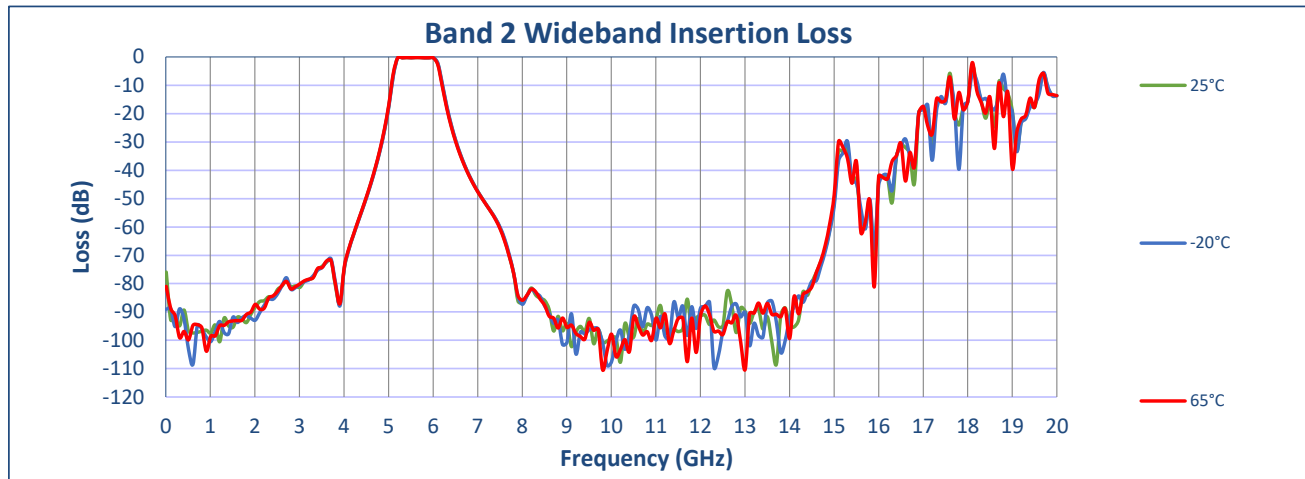
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PTP-3D2G-5D625G-9D5G-SFF**



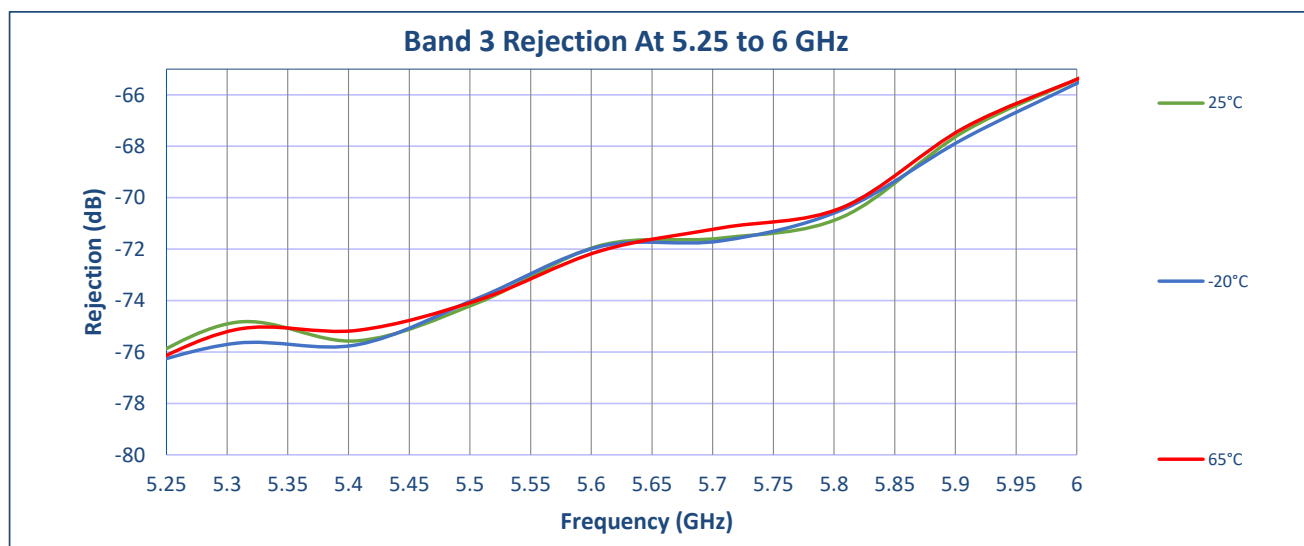
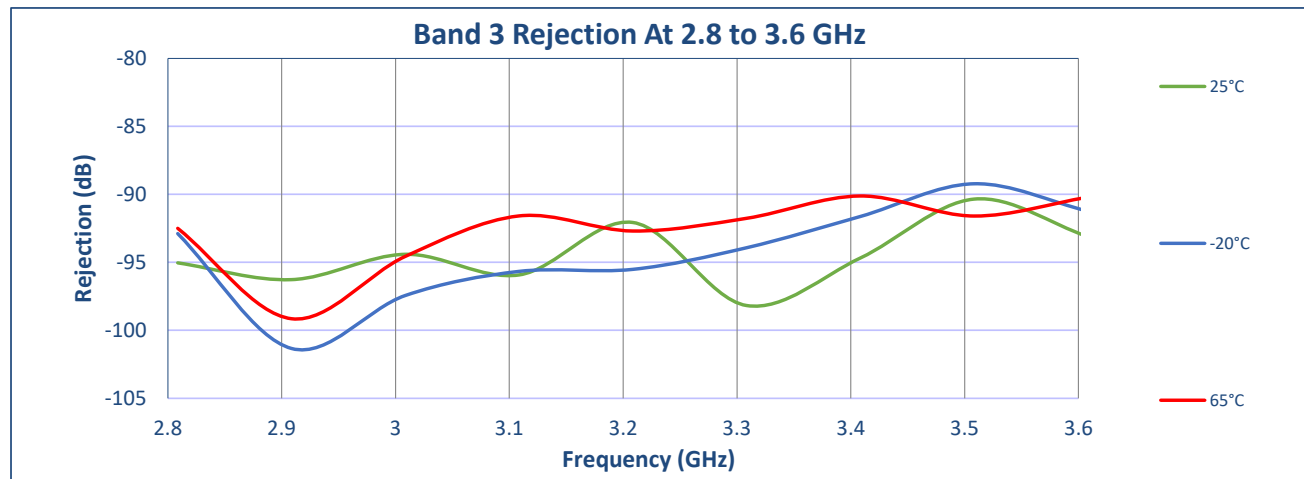
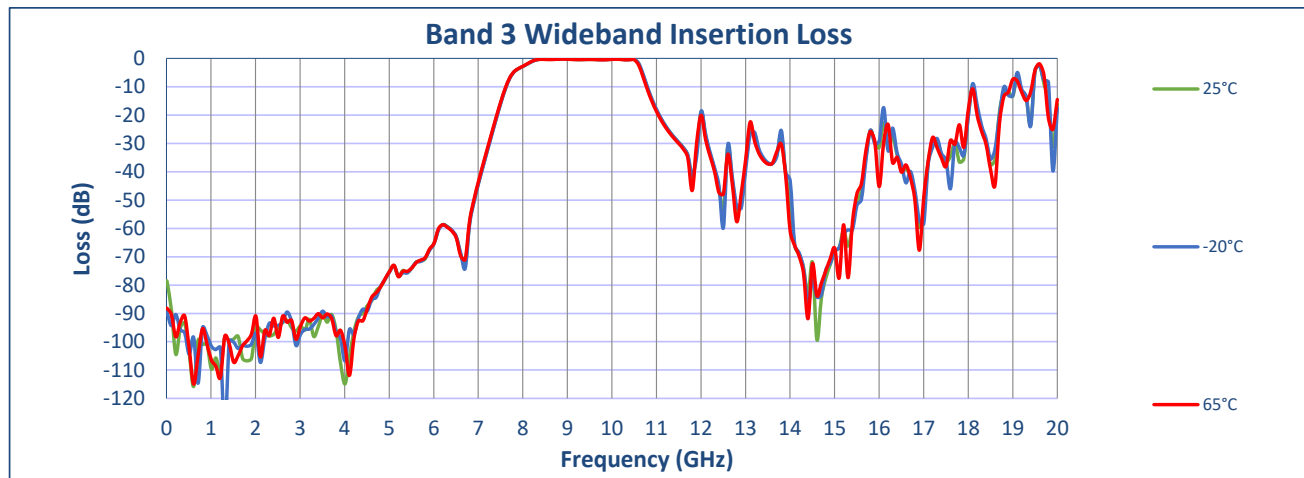
TYPICAL CHARACTERISTICS ON PTP-3D2G-5D625G-9D5G-SFF



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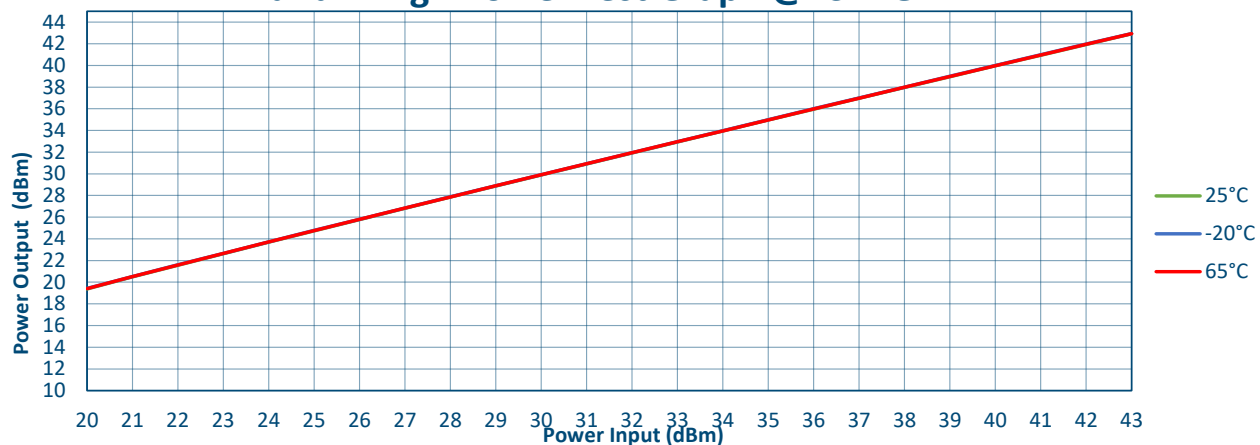


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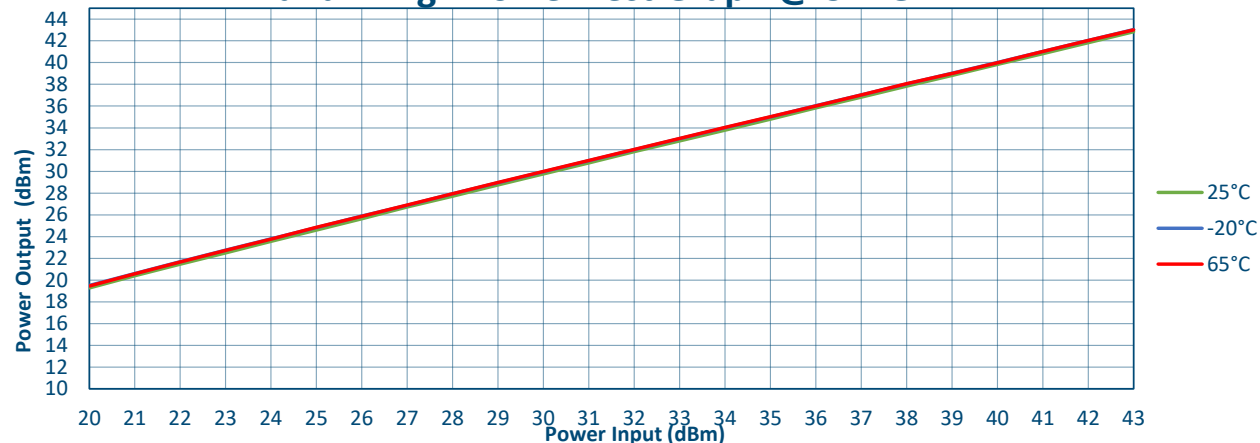


**TYPICAL CHARACTERISTICS
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Band 1 High Power Test Graph @ 3.2 GHz



Band 2 High Power Test Graph @ 5.7 GHz



Band 3 High Power Test Graph @ 9.5 GHz

