

**SUMMARY TEST DATA
ON
PLNA-2G8G-35-2R2-15DBM-12V-SFF**

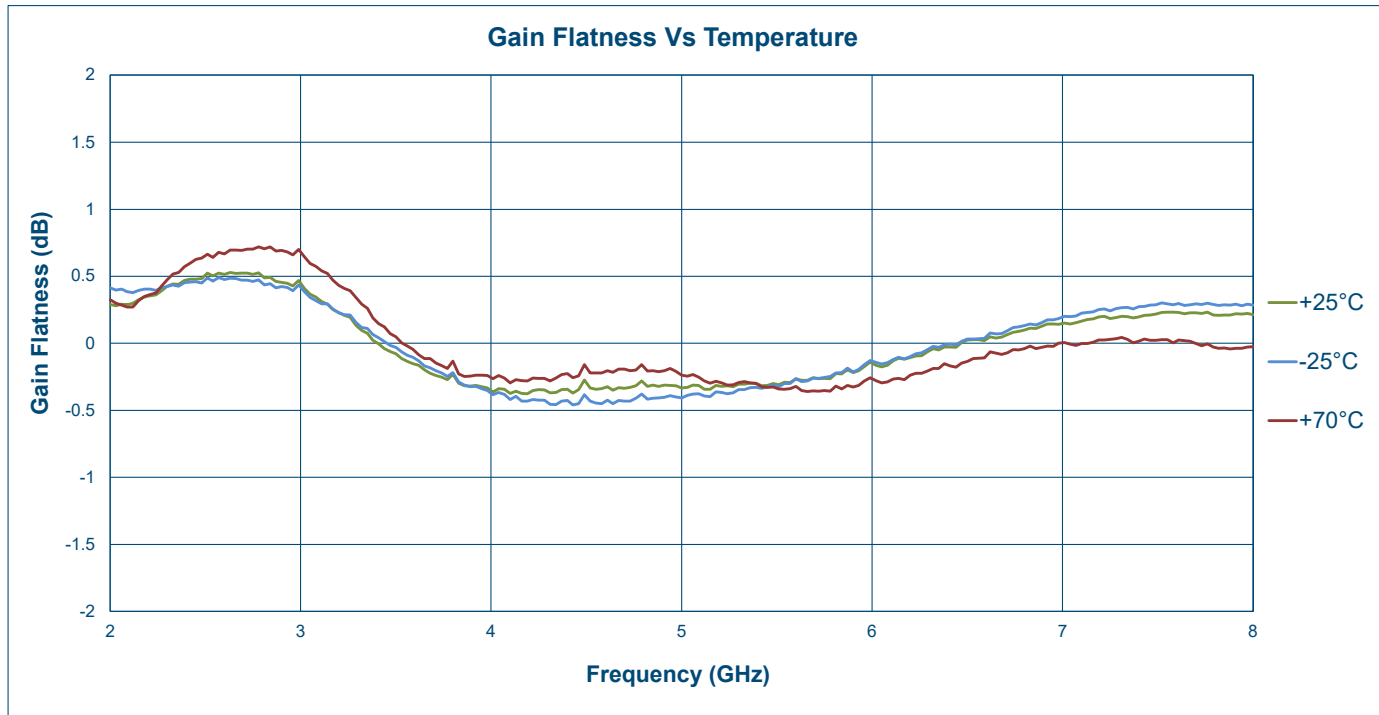
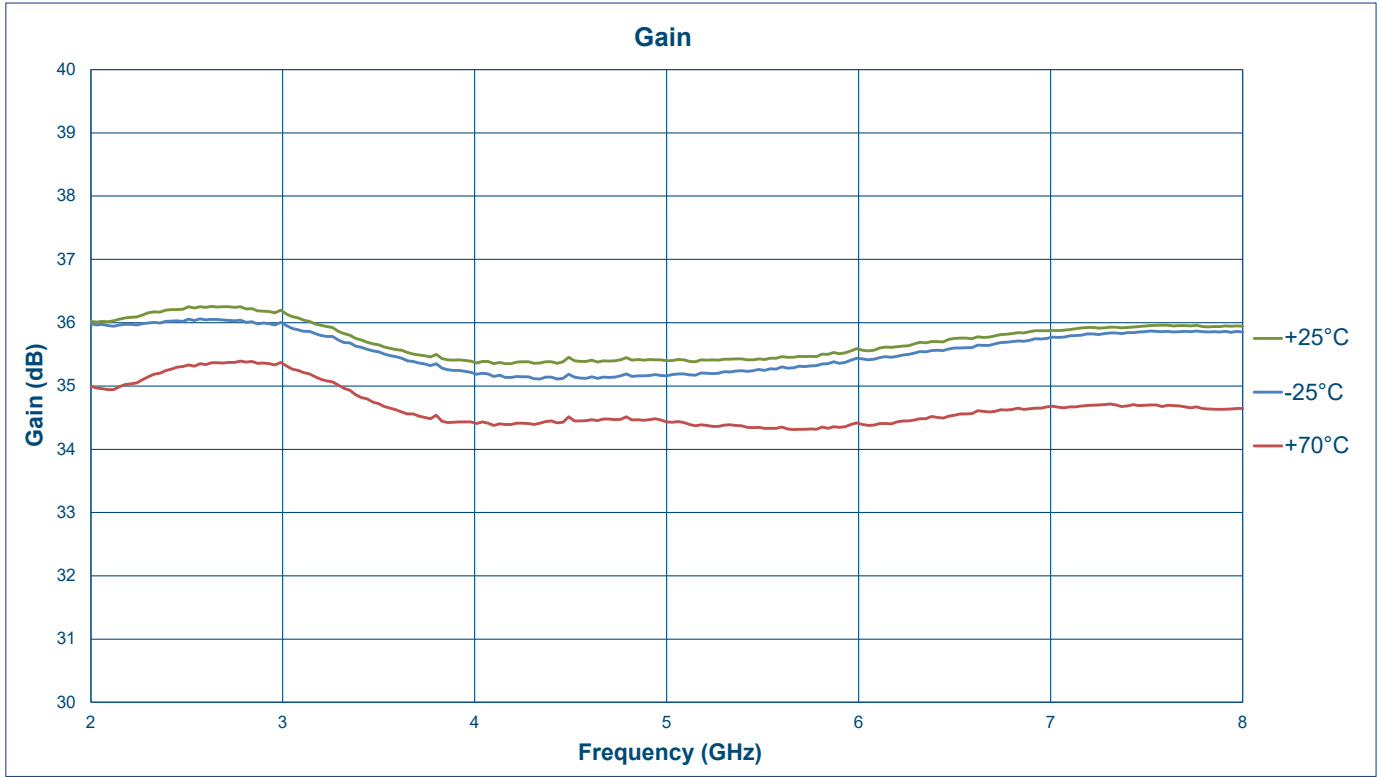
Customer: _____
 SO No: _____
 Model No: PLNA-2G8G-35-2R2-15DBM-12V-SFF
 Serial No: PL53314/2523

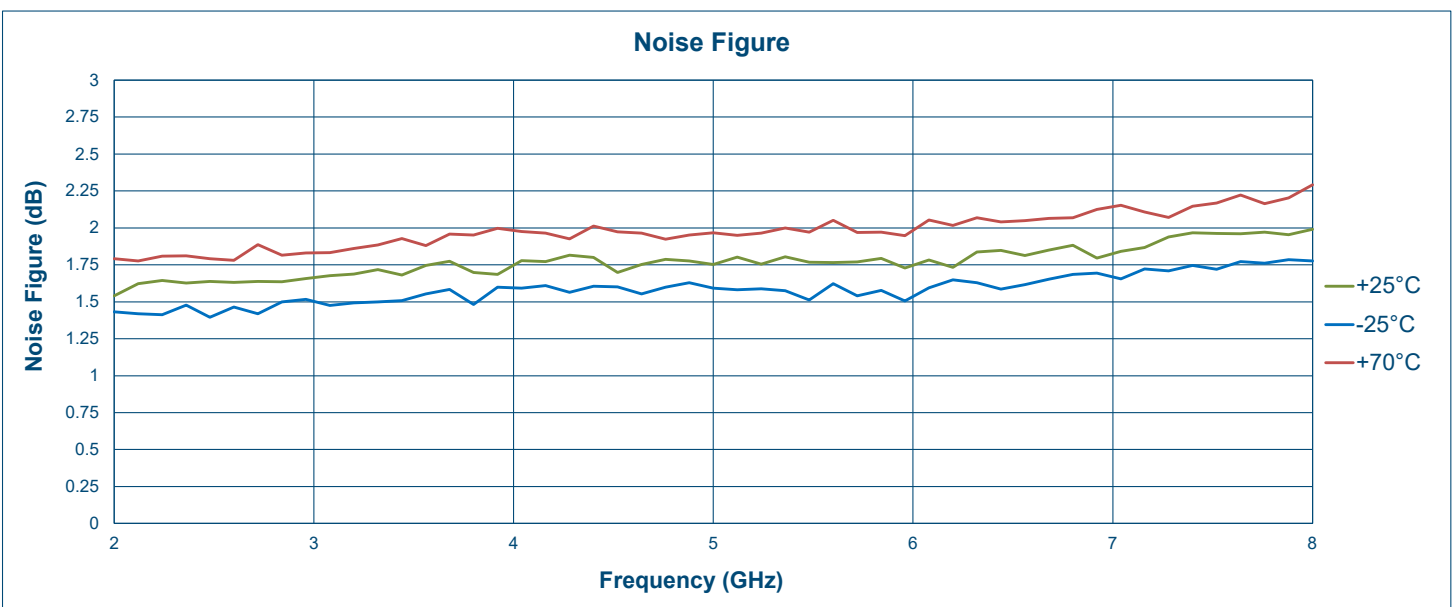
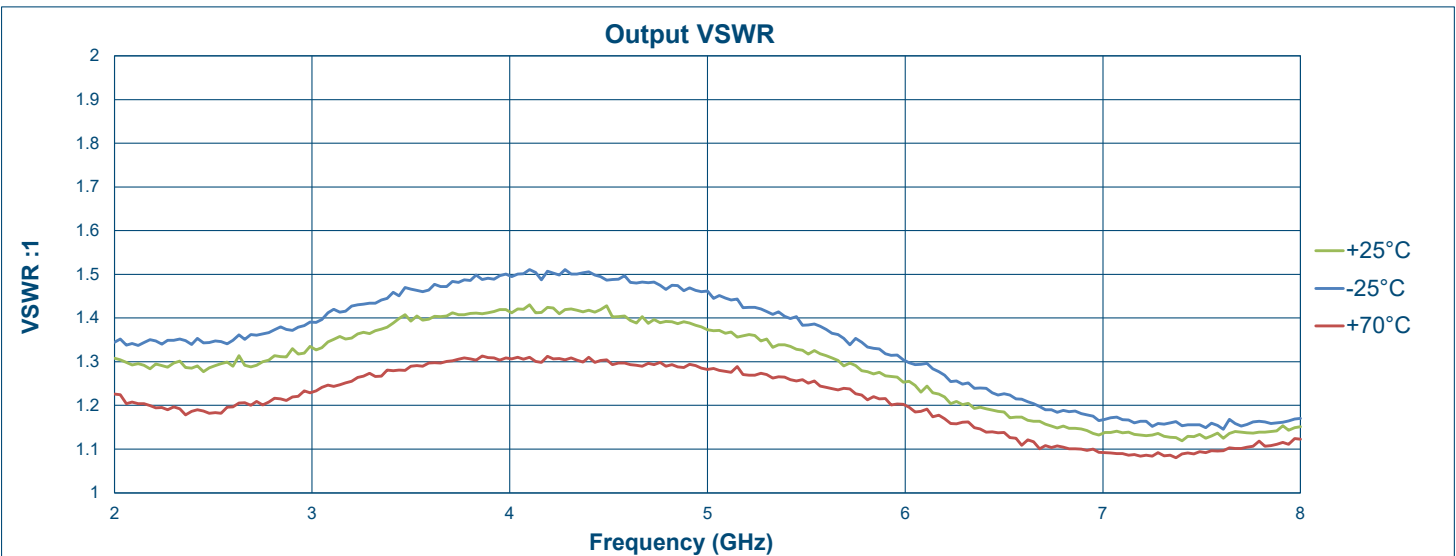
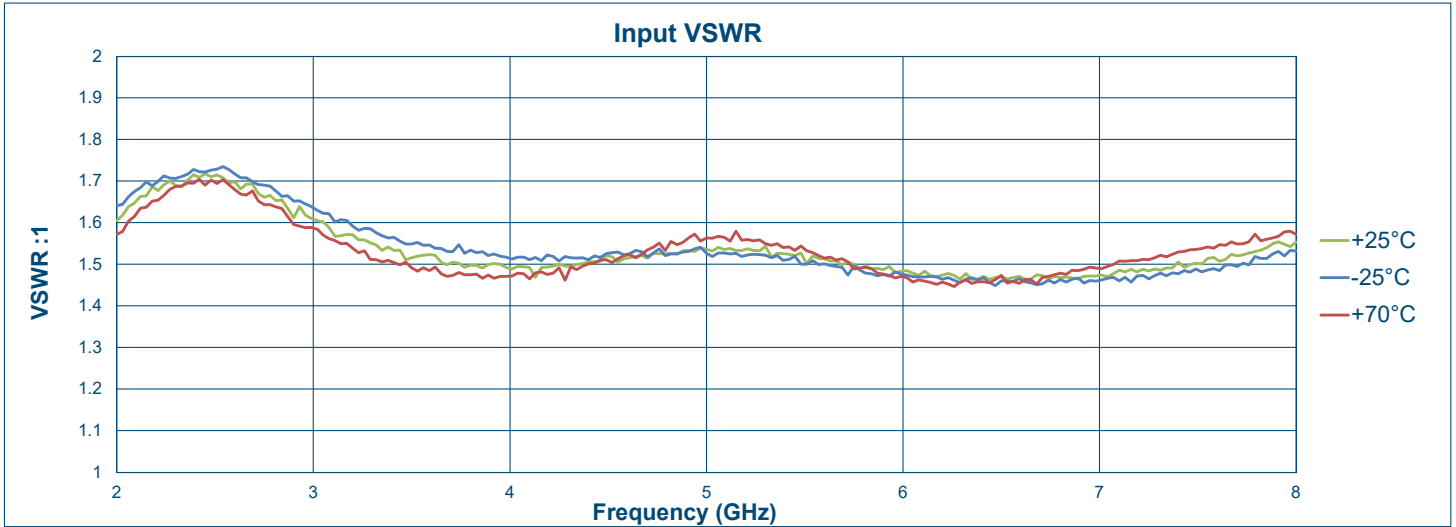
Tested By: Eric Kretz
 Temperature: +25°C, -25°C, +70°C
 Date: 6/6/2025
 Drawing No: 27649841 REV: A1

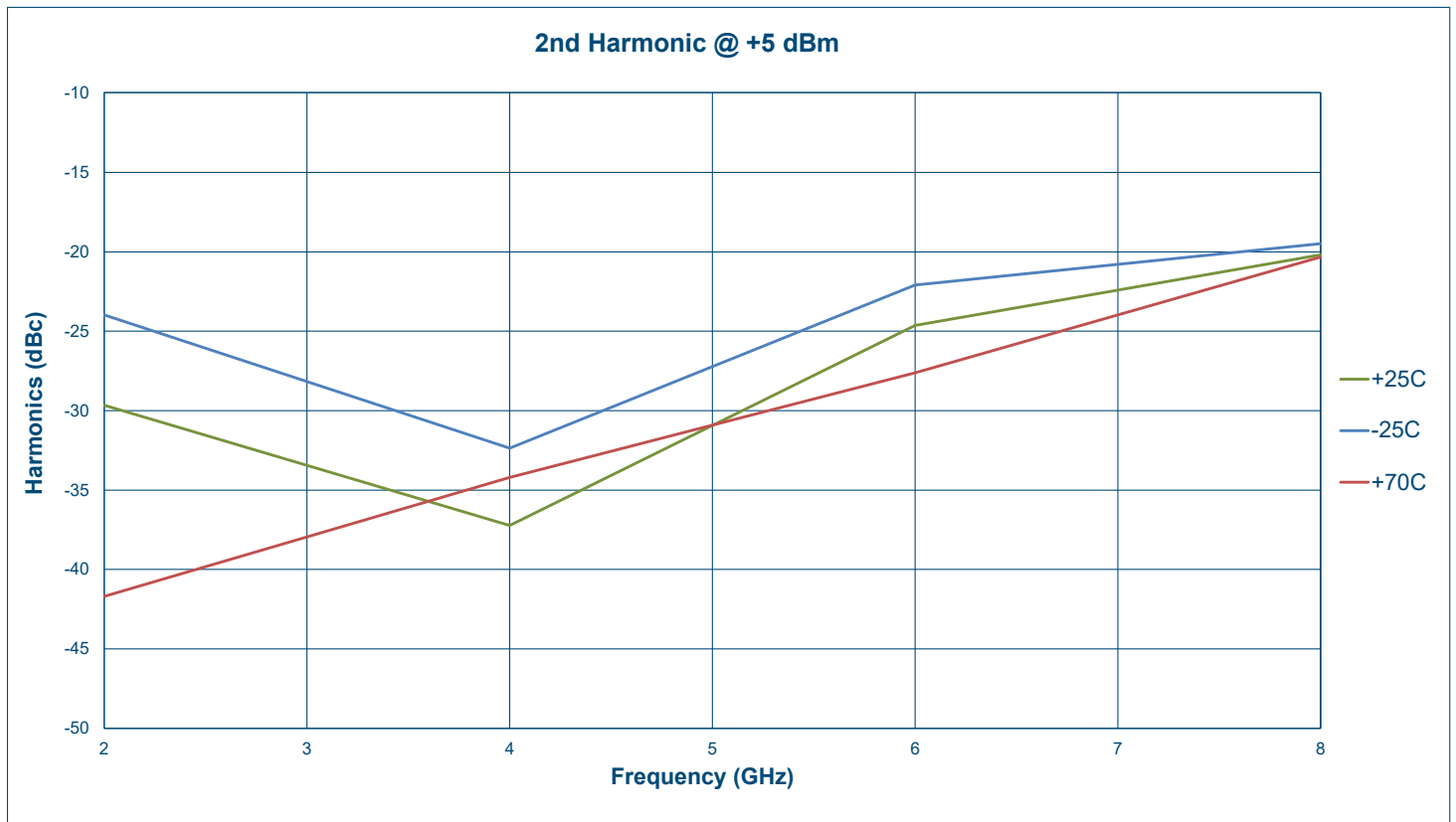
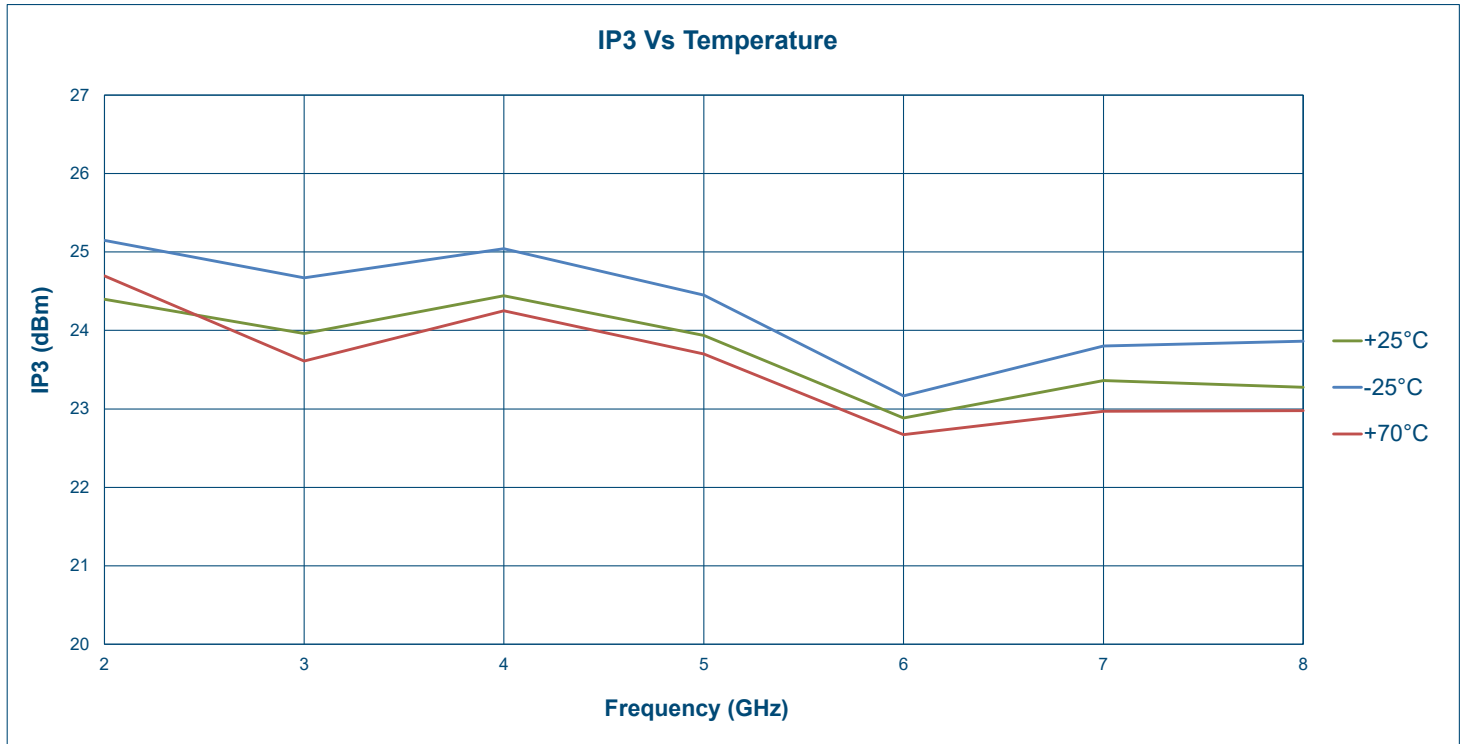
TEST DATA

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results			QA/QC
			+25°C	-25°C	+70°C	
1	Frequency Range:	2.0 to 8.0 GHz	2.0 to 8.0 GHz			
2	Gain:	+32.5 dB TO +37.5 dB 35 dB Typ.	+35.35 dB Min.	+35.11 dB Min.	+34.31 dB Min.	
			+36.26 dB Max.	+36.06 dB Max.	+35.39 dB Max.	
			See graph	See graph	See graph	
3	Noise Figure:	2.2 dB Max. (+25°C) 2.4 dB Max. (+70°C)	1.99 dB See Graph	1.79 dB See Graph	2.29 dB See Graph	
4	OP1dB:	+15 dBm Min.	+15.58 dBm See Graph	+15.89 dBm See Graph	+15.44 dBm See Graph	
5	Gain Flatness:	±1.5 dB Max.	±0.45 dB	±0.47 dB	±0.54 dB	
6	Temperature Drift:	1.5 dBm Max.	1.31 dBm			
7	IP3:	+23 dBm Typ.	+24.4 dBm	+25.1 dBm	+24.7 dBm	
8	Harmonics at +5 dBm Input:	-10 dBc Max.	-10.2 dBc	-10.3 dBc	-10.2 dBc	
9	Input Power Handling:	+16 dBm CW	+16 dBm CW See Graph	+16 dBm CW See Graph	+16 dBm CW See Graph	
10	VSWR In/Out:	2.0:1 Max. (Return Loss: -9.54 dB Max.)	1.72:1 See Graph	1.74:1 See Graph	1.7:1 See Graph	
11	DC Supply:	+12 VDC (±5%) @ 300mA Max.	+12 VDC @ 247 mA	+12 VDC @ 242 mA	+12 VDC @ 251 mA	

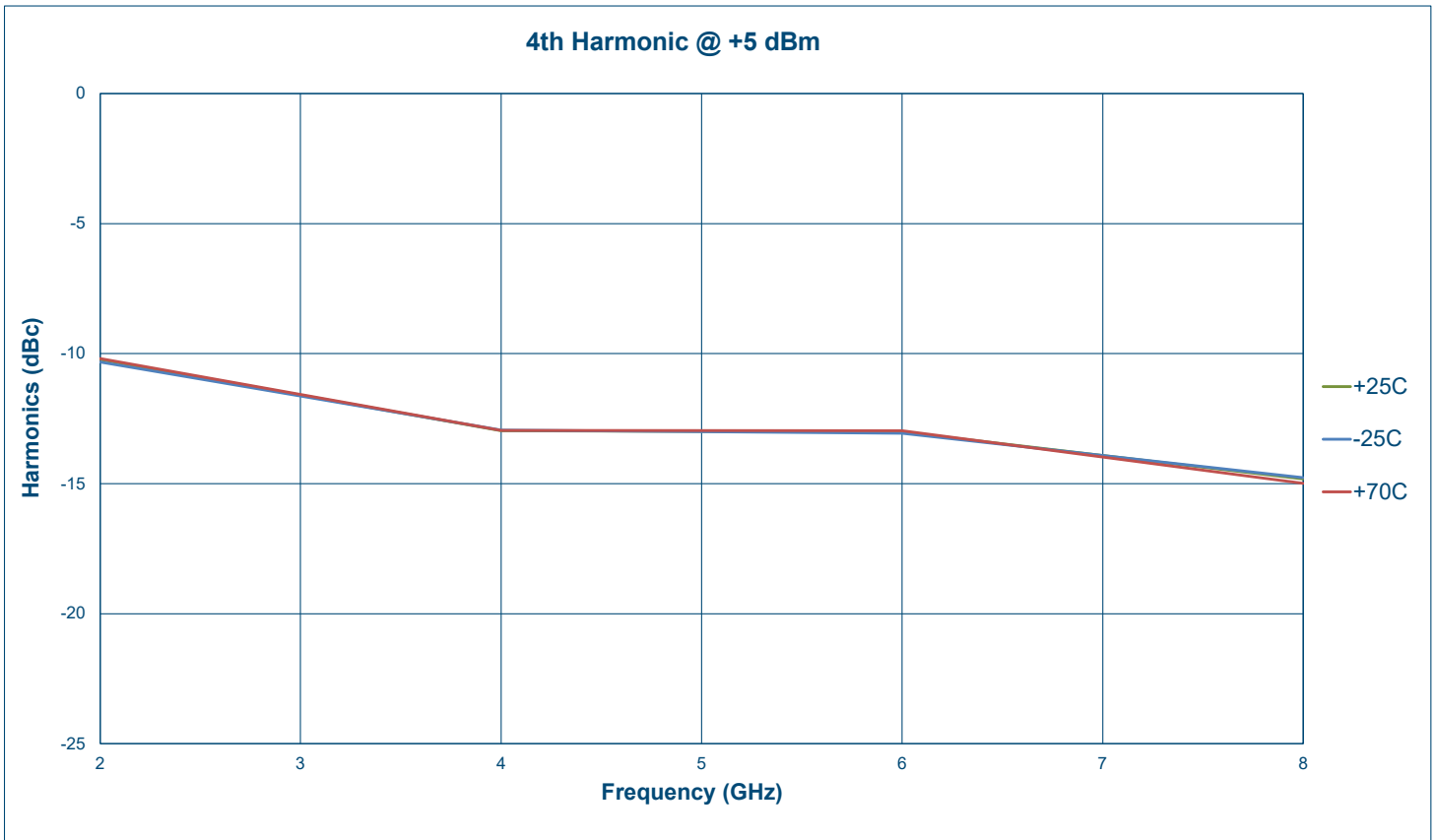
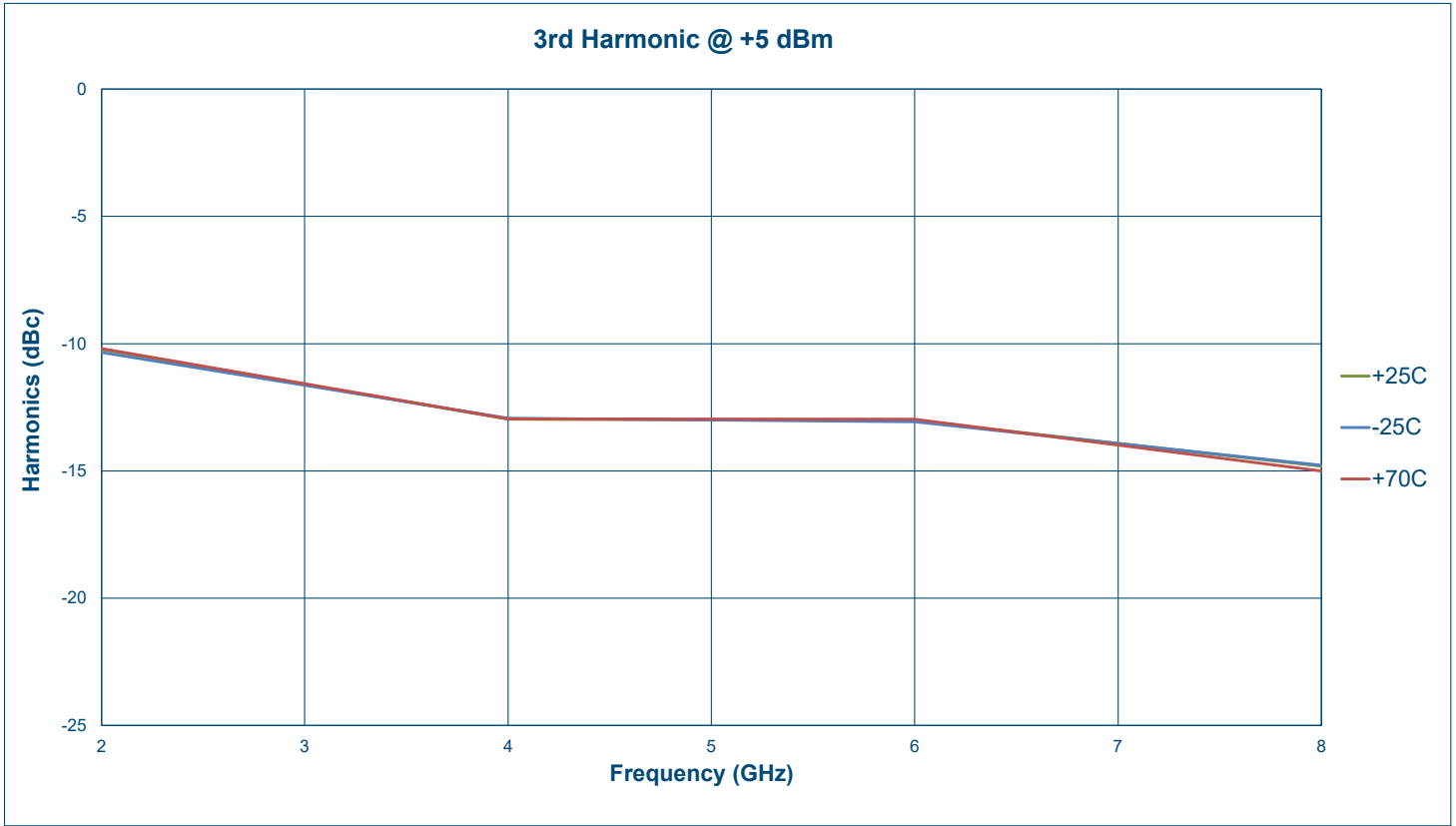
**SUMMARY TEST DATA
ON
CBZ-R30409-001-00**



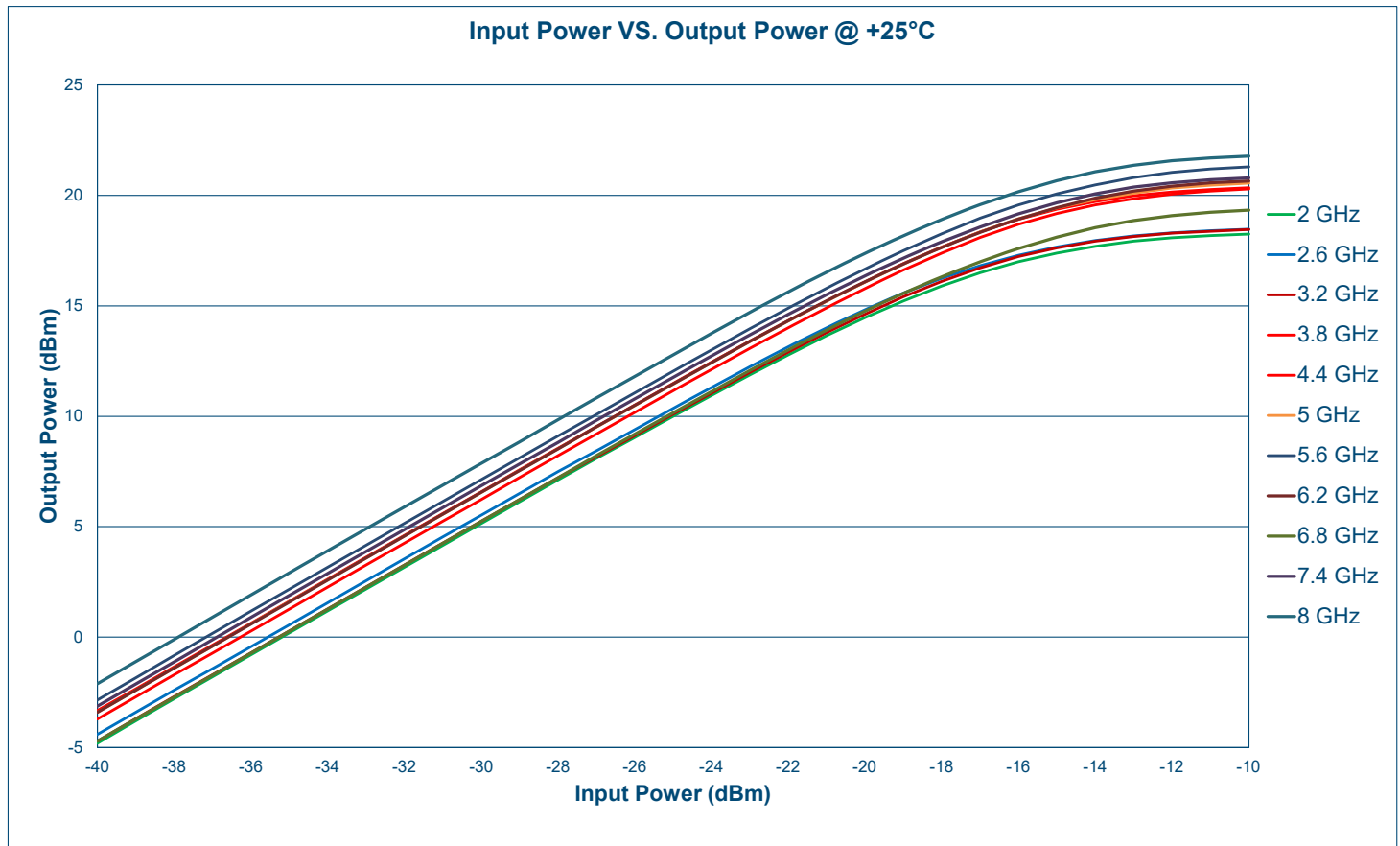
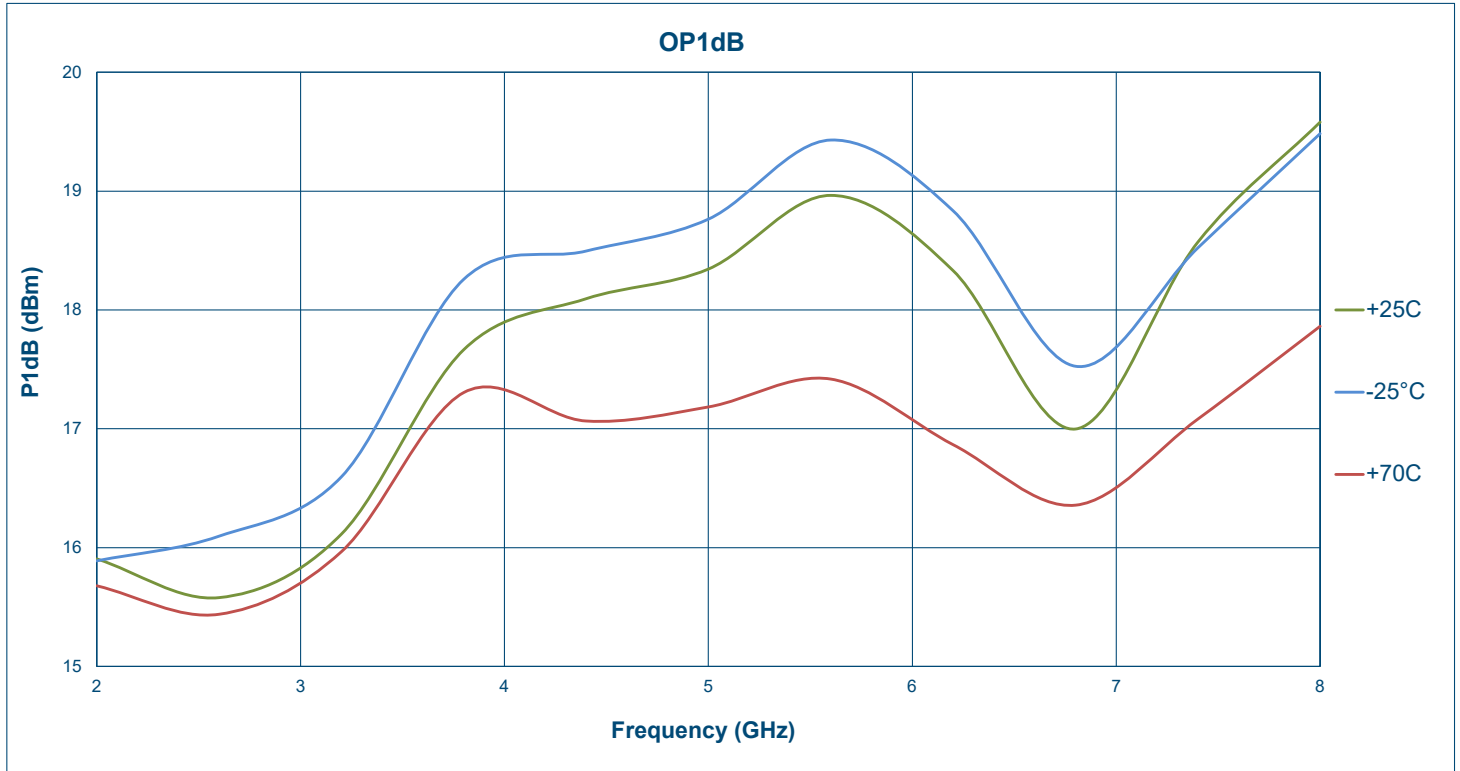




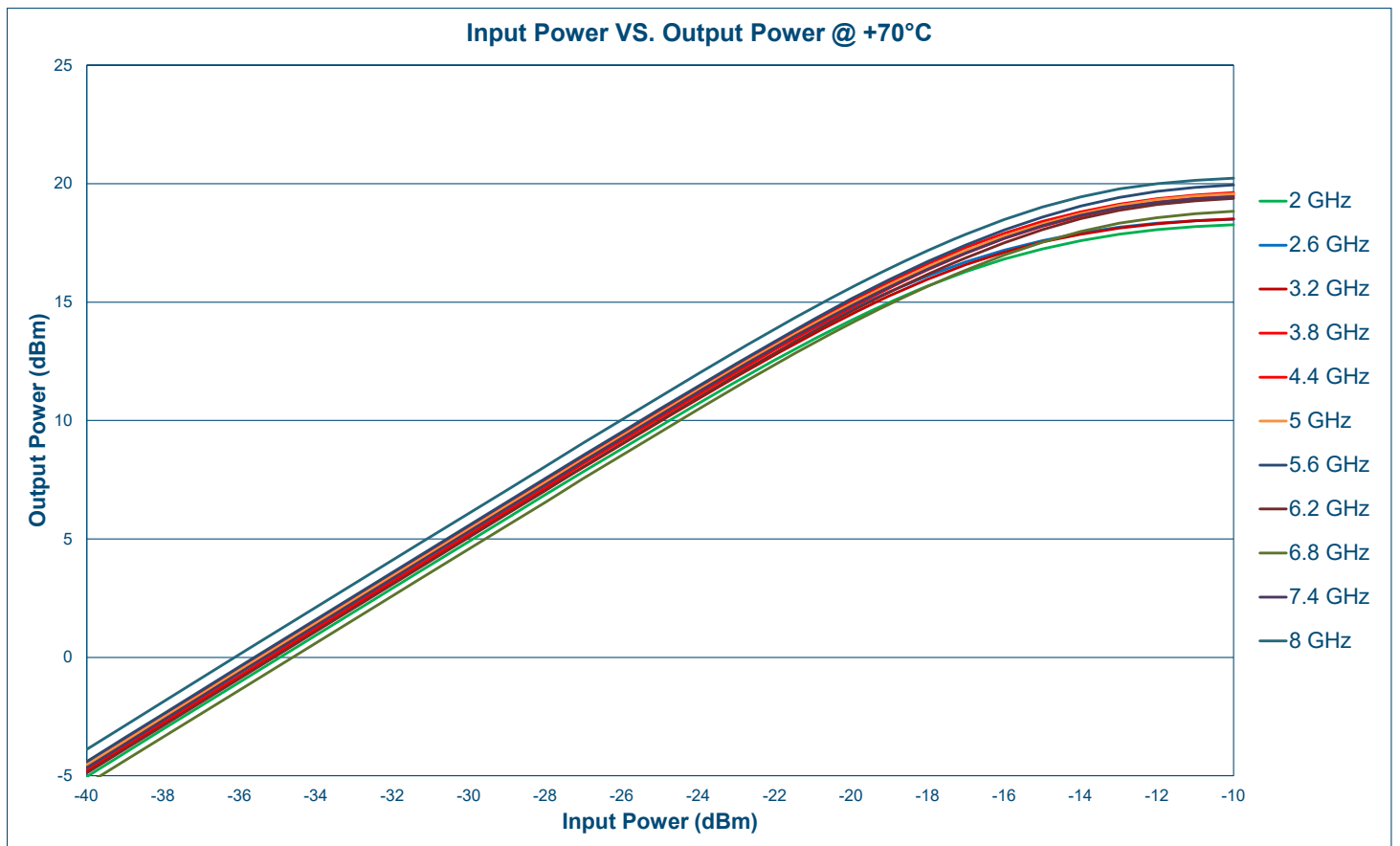
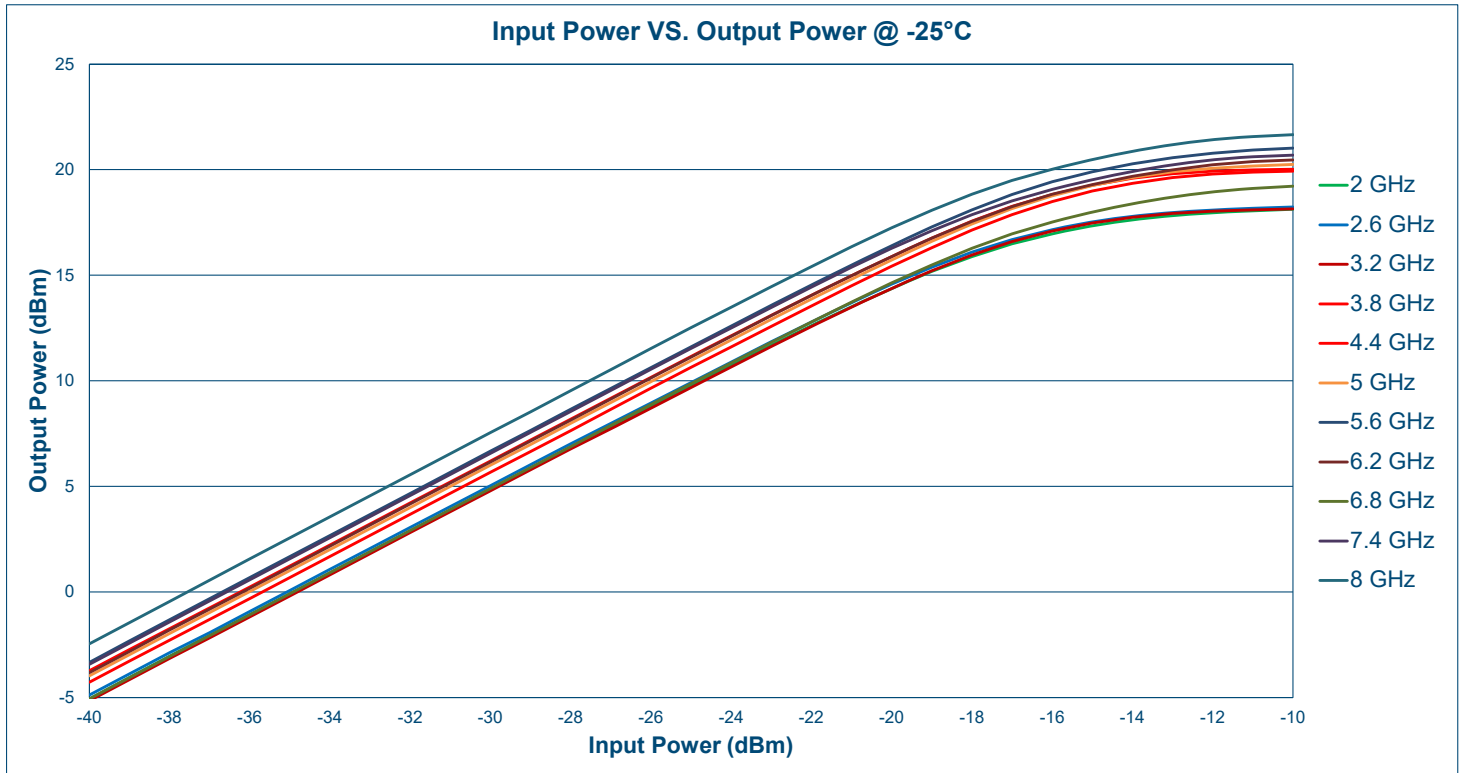
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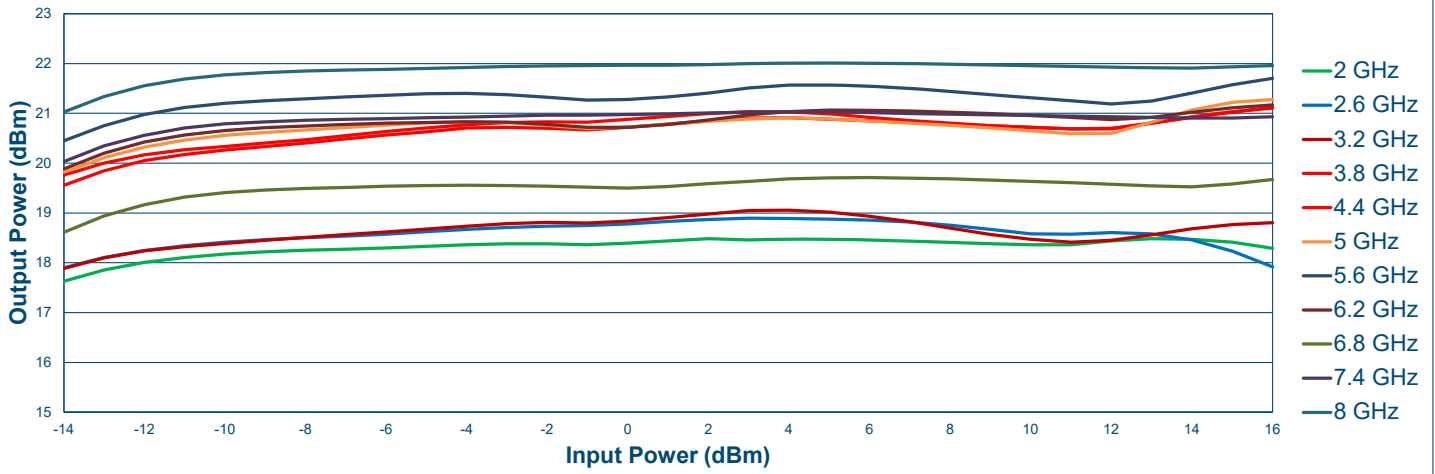


**SUMMARY TEST DATA
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CBZ-R30409-001-00**

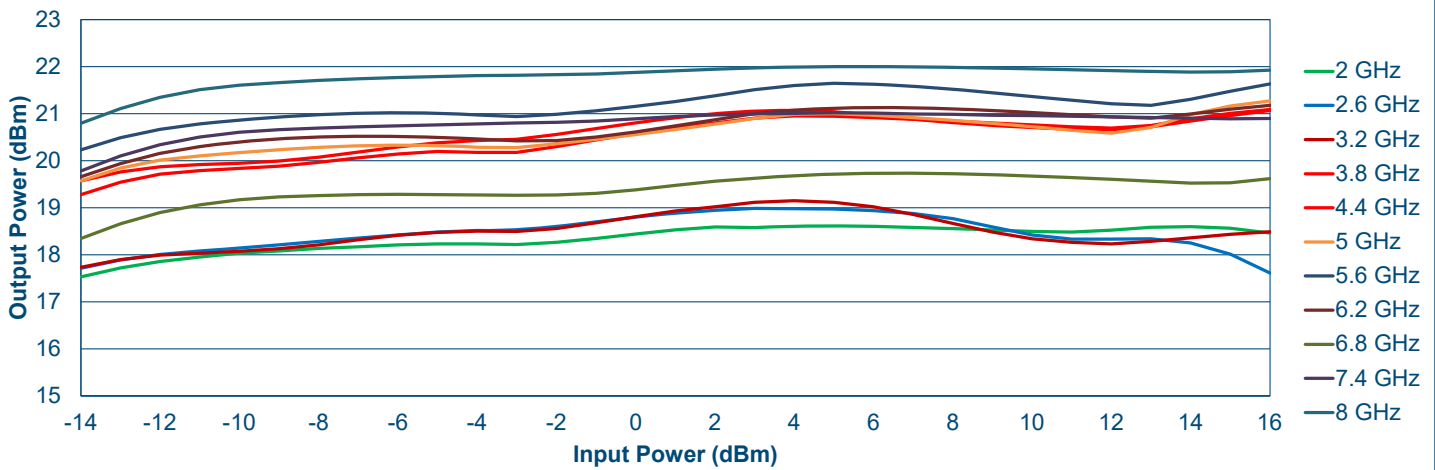


**SUMMARY TEST DATA
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CBZ-R30409-001-00**

Hi-Power @ +25°C



Hi-Power @ -25°C



Hi-Power @ +70°C

