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SUMMARY TEST DATA
ON
PIM-333M368M-28-816-5V-SFF

Customer:
SO No:
Model No: PIM-333M368M-28-816-5V-SFF
Serial No: PL37194/2228

Tested By: R. Combs/Y. Li
Temperature: +23°C
Date: 7/25/2022
Drawing No: 27641920 **Rev:** B1

ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	
		OUTPUT FREQUENCY BAND	2-8 GHz	8-16 GHz
1	FREQUENCY INPUT RANGE:	333 MHz to 368 MHz	333 MHz to 368 MHz	333 MHz to 368 MHz
2	INPUT VSWR:	1.8:1 MAX 333 MHz to 368 MHz	1.7:1	1.7:1
3	INPUT TONE POWER:	-17 dBm ± 3 dB	-17 dBm	-17 dBm
4	INPUT SPURIOUS REJECTION:	-55 dBc MIN 132 MHz to 167 MHz	-97 dBm	-94 dBm
5	INPUT SPURIOUS REJECTION:	-55 dBc MIN 500 MHz to 1.3 GHz	-98 dBm	-94 dBm
6	OUTPUT POWER LEVEL:	-20 dBm ±5 dBm 2-8 GHz -19 dBm ±4 dBm 8-16 GHz	-20 dBm ±3	-19 dBm ±2.3
7	OUTPUT VSWR:	1.8:1 MAX	1.796:1	1.7:1
8	NON-HARMONIC OUTPUT SUPRESSION:	-50 dBc MIN	≥ 50 dBc SEE PLOT	≥ 50 dBc SEE PLOT
9	COMB LINE REJECTION:	2-8 GHz CHANNEL: -30 dBc MIN 9.35-12 GHz 2-8 GHz CHANNEL: -50 dBc MIN 12-18.2 GHz 8-16 GHz CHANNEL: -30 dBc MIN 18.26-20 GHz	-54 dBc -58 dBc	-33 dBc
10	DC POWER:	+5 VDC ±0.2 VDC @ 500mA	5.0V @ 390 mA	5.0V @ 470 mA

PMI QA 2

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QA/QC Approval: PMI QA 2 Date: 7/26/2022

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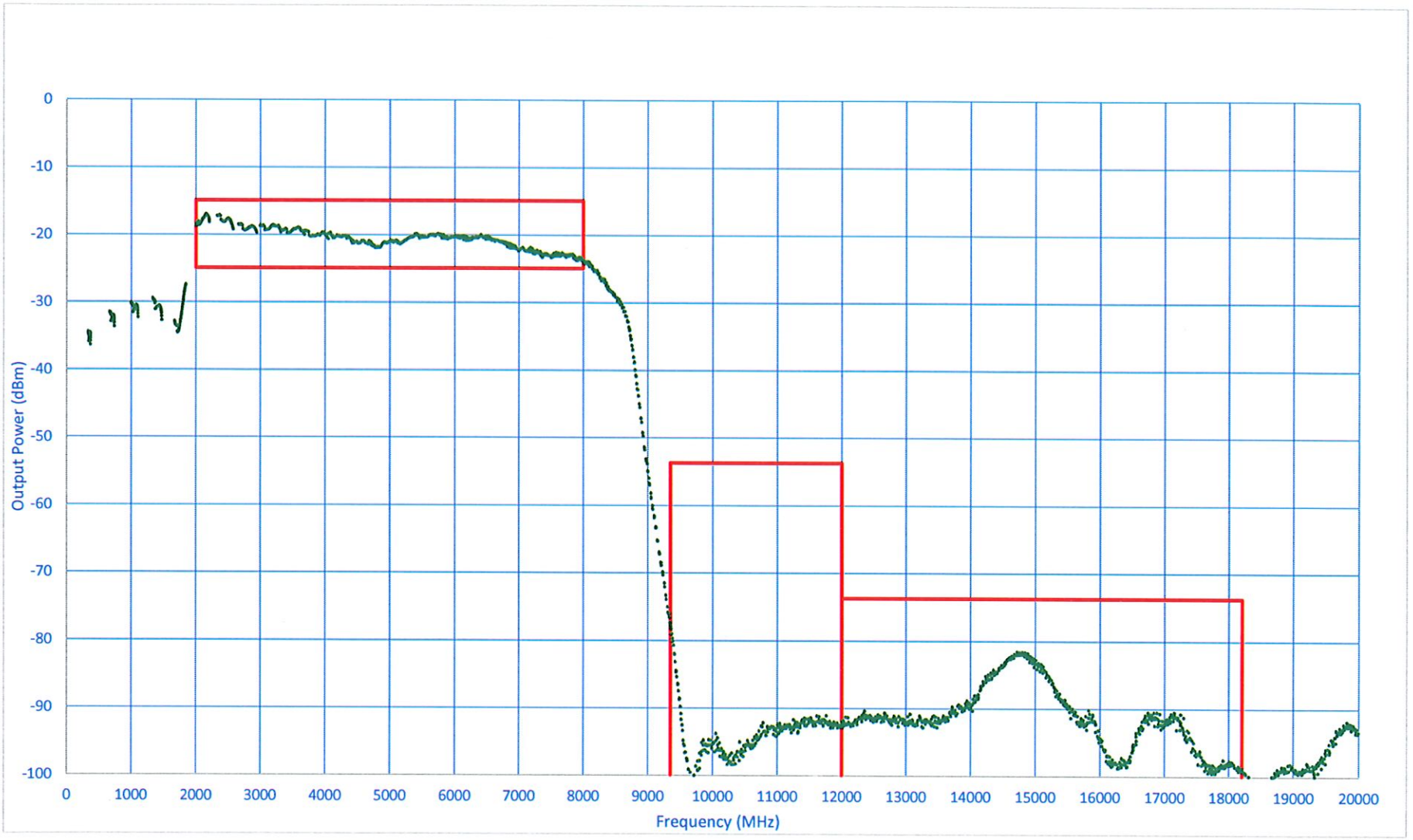
ON
PIM-333M368M-28-816-5V-SFF

OUTPUT POWER Vs. COMB FREQUENCY 2-8 GHz CHANNEL @+23°C



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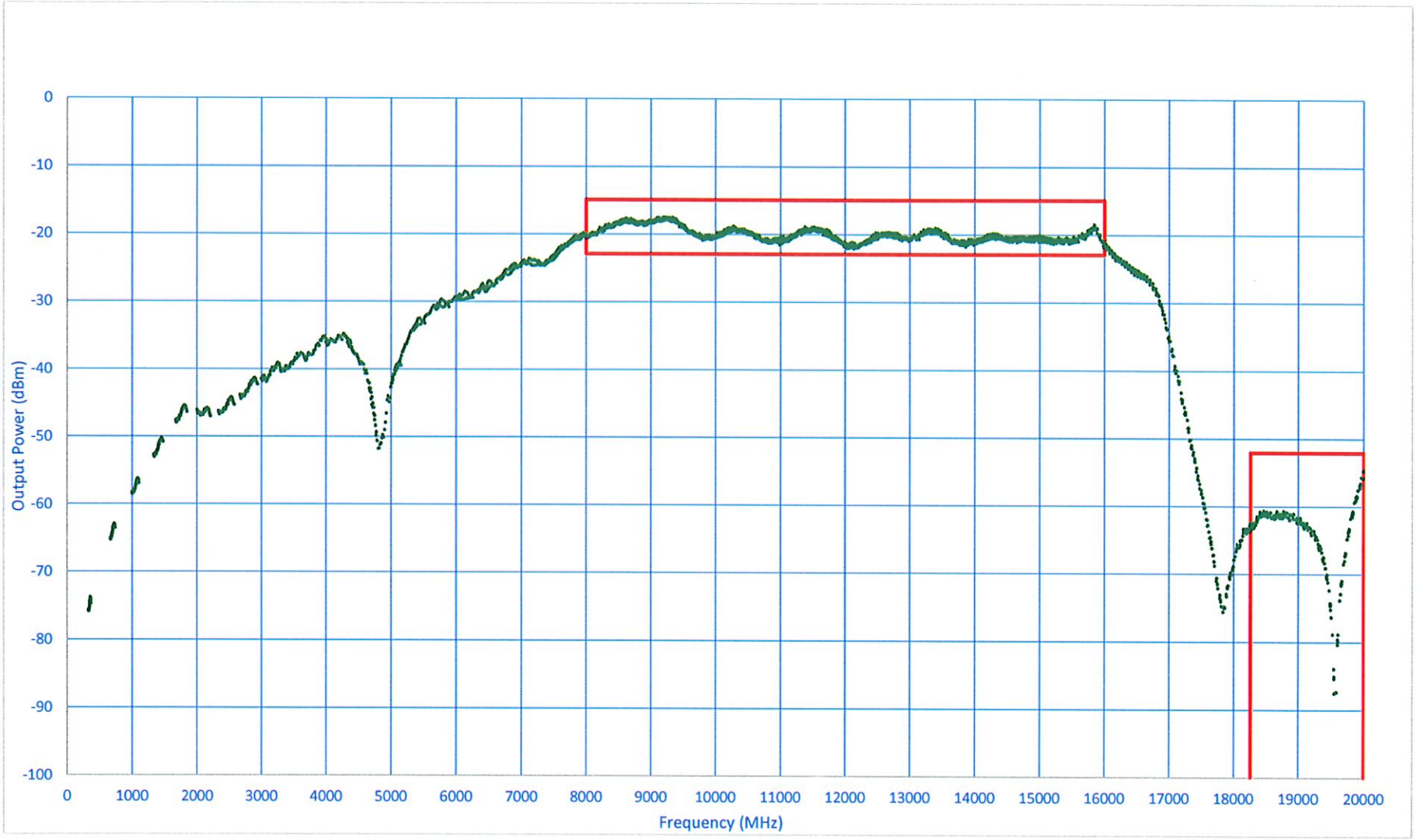
OUTPUT POWER Vs. COMB FREQUENCY 8-16 GHz CHANNEL @+23°C



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SUMMARY TEST DATA
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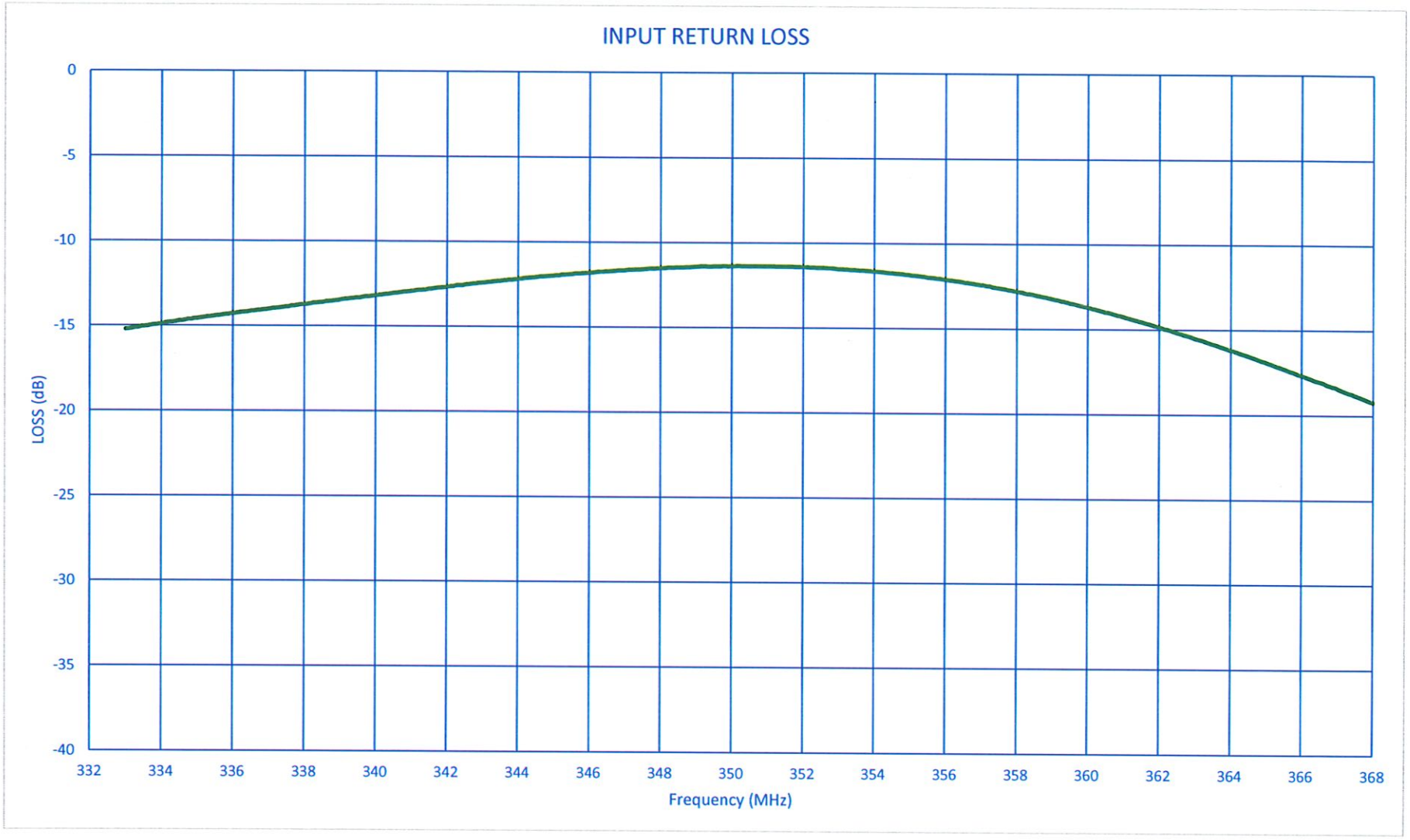
INPUT RETURN LOSS 333 MHz to 368 MHz



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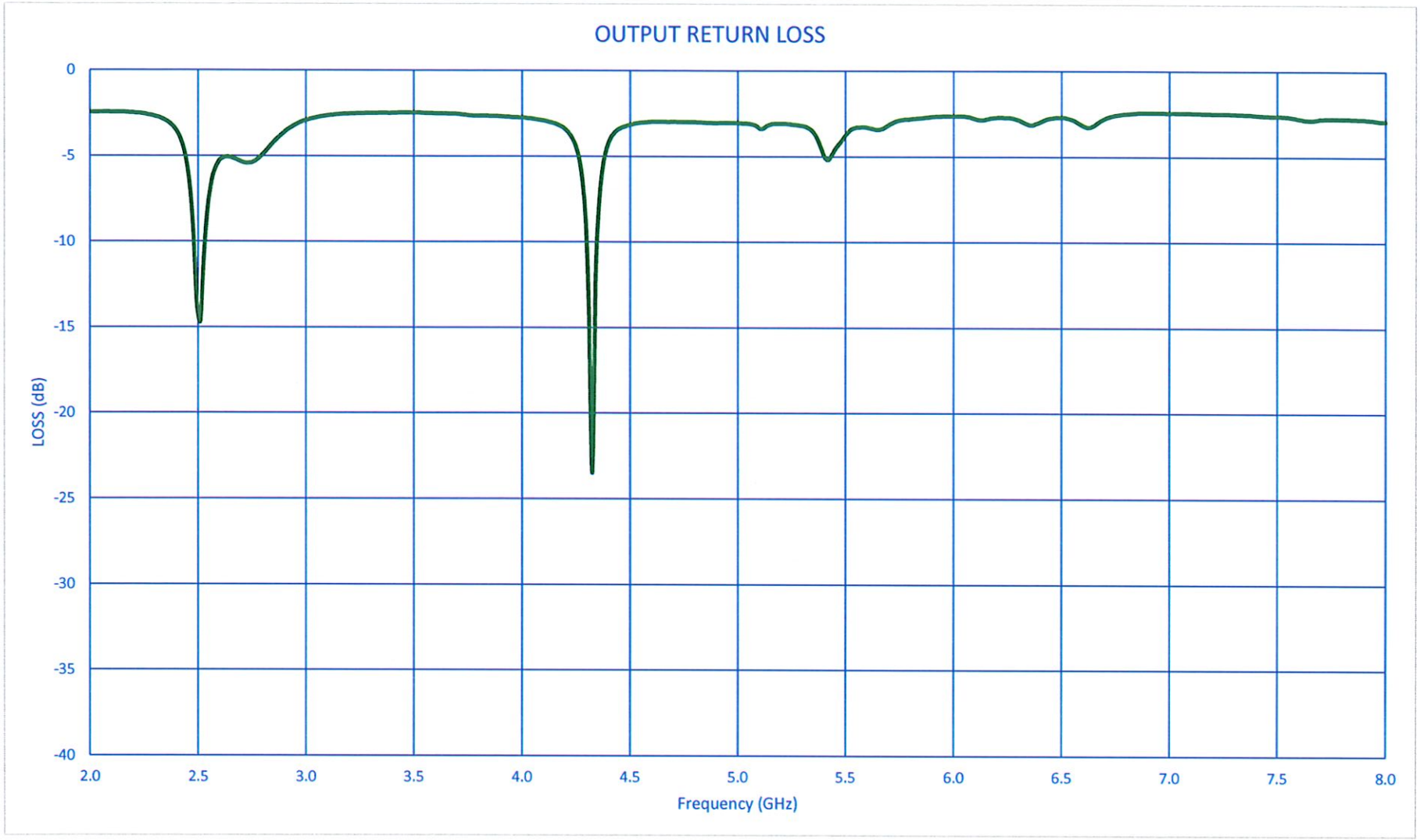
ON
PIM-333M368M-28-816-5V-SFF

OUTPUT RETURN LOSS 2-8 GHz CHANNEL



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SUMMARY TEST DATA
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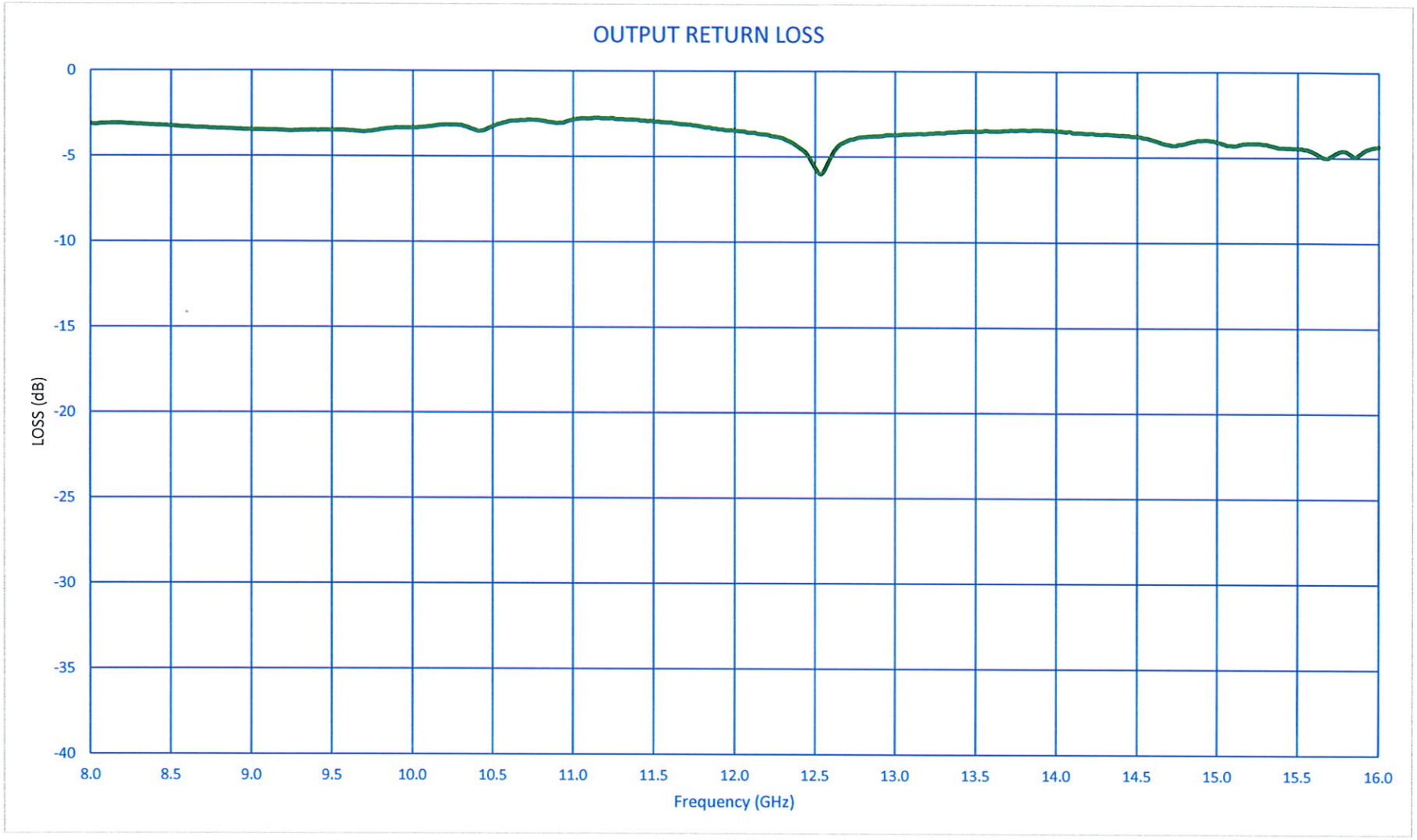
PIM-333M368M-28-816-5V-SFF

OUTPUT RETURN LOSS 8-16 GHz CHANNEL



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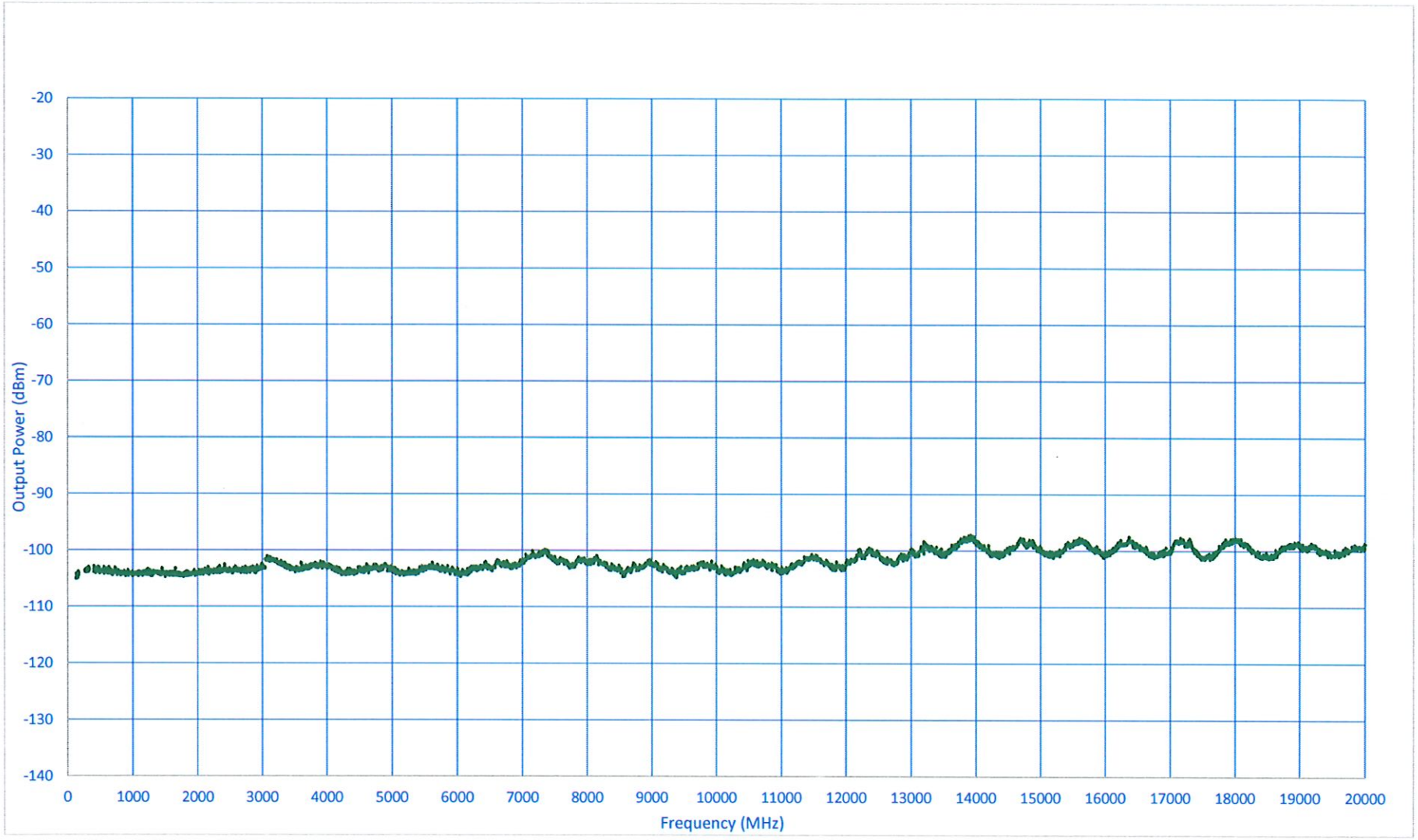
SUMMARY TEST DATA
ON
PIM-333M368M-28-816-5V-SFF

INPUT SPURIOUS REJECTION 132-167 MHz, 2-8 GHz CHANNEL @+23°C



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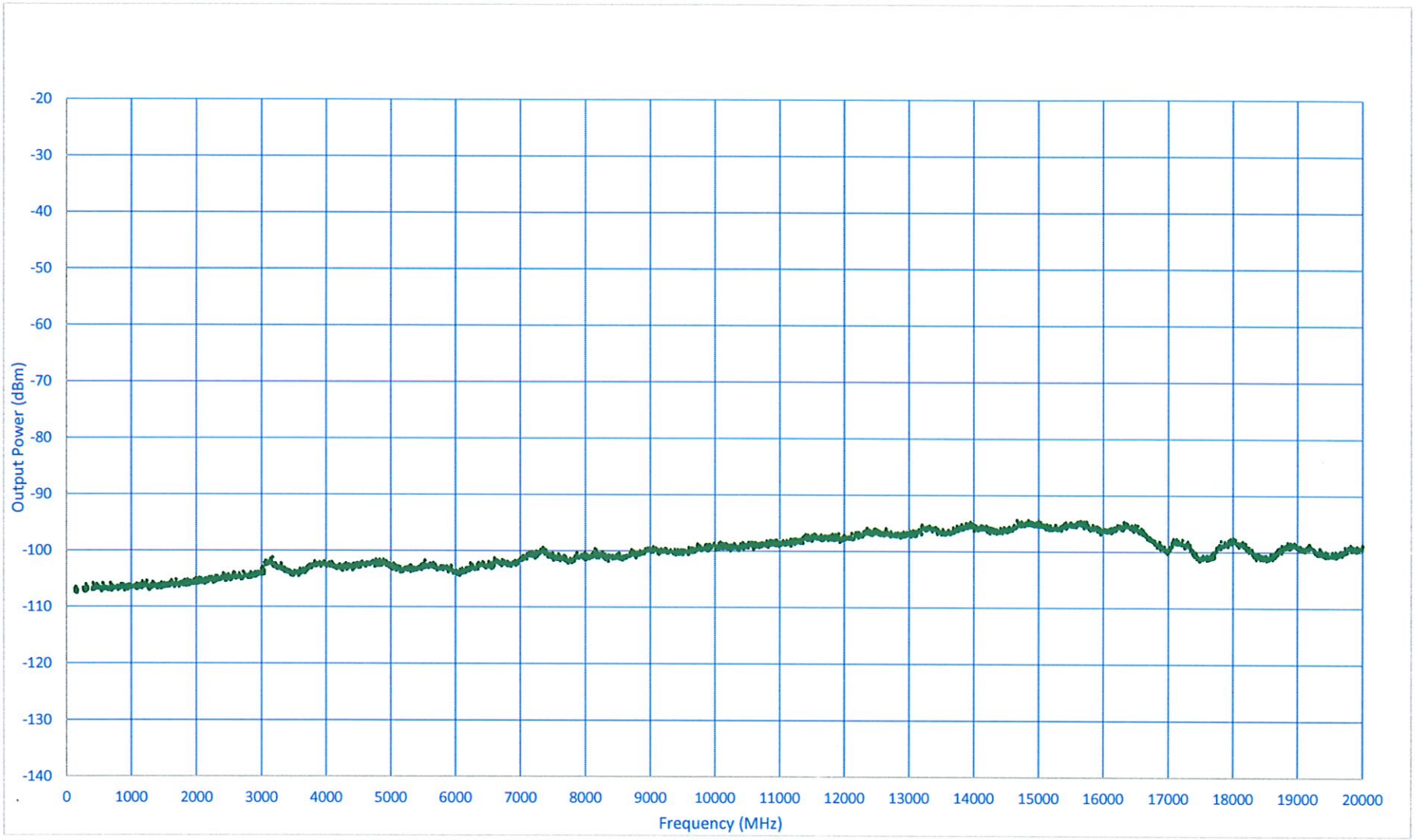
INPUT SPURIOUS REJECTION 132-167 MHz, 8-16 GHz CHANNEL @+23°C



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SUMMARY TEST DATA
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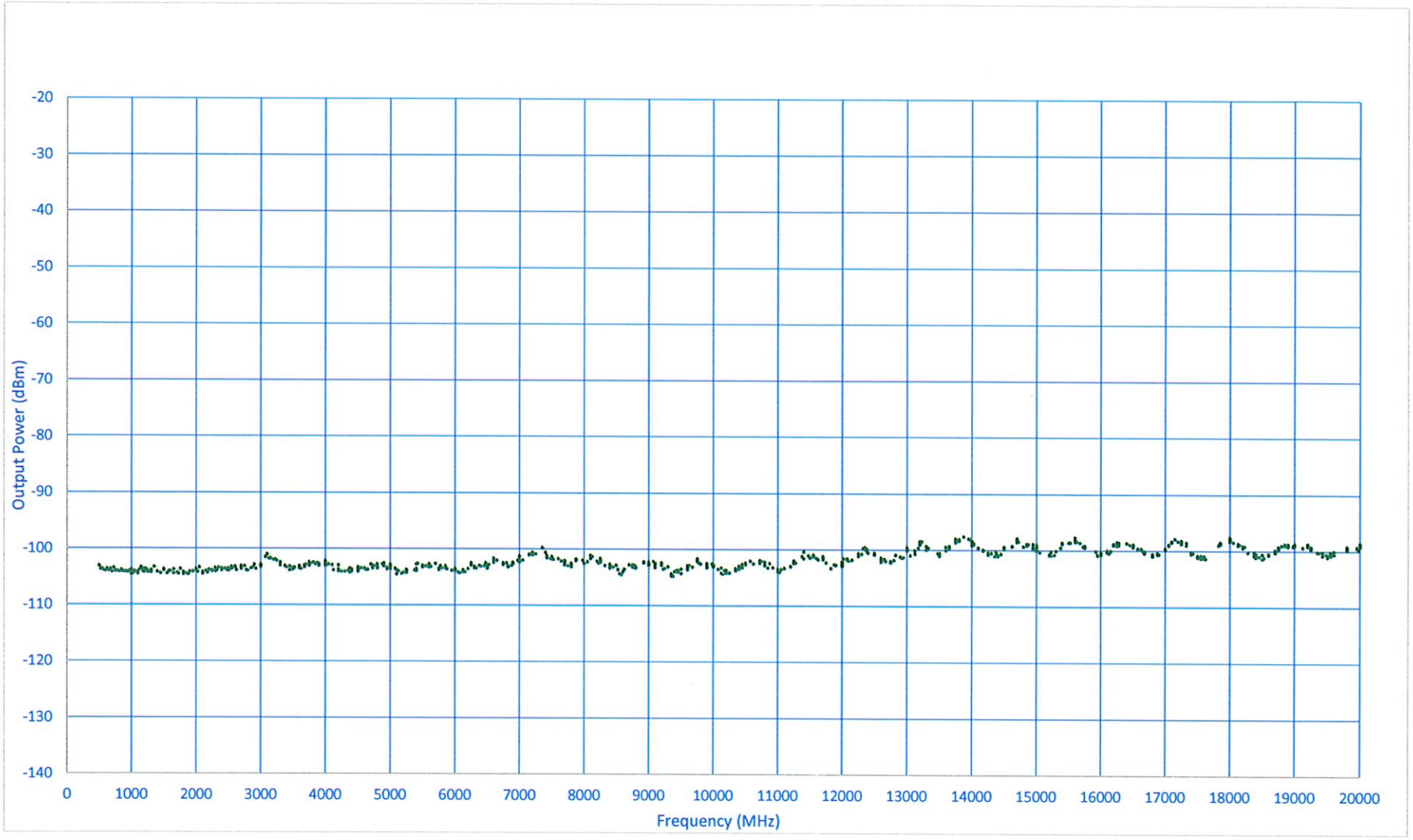
INPUT SPURIOUS REJECTION 500-1300 MHz, 2-8 GHz CHANNEL @+23°C



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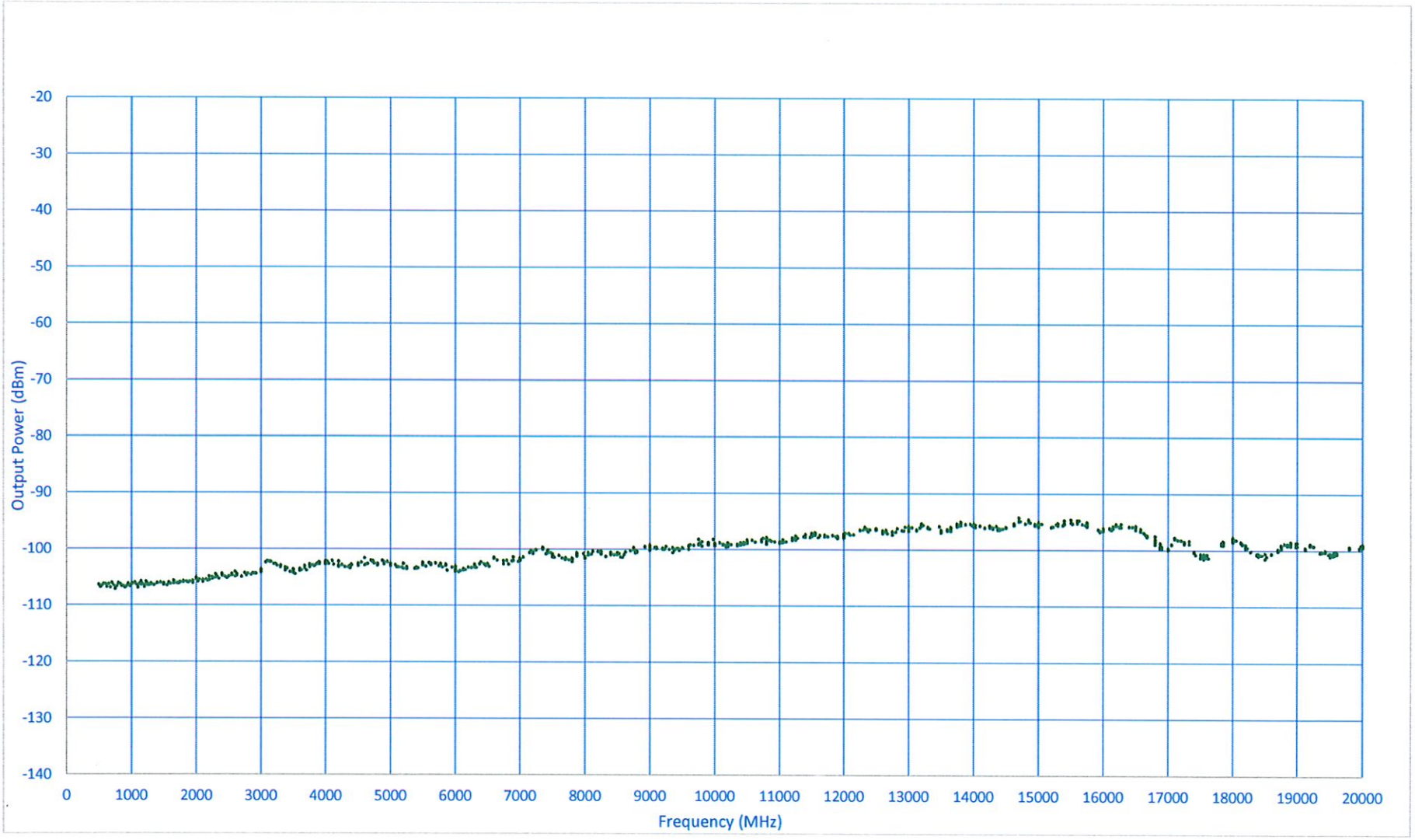
INPUT SPURIOUS REJECTION 500-1300 MHz, 8-16 GHz CHANNEL @+23°C



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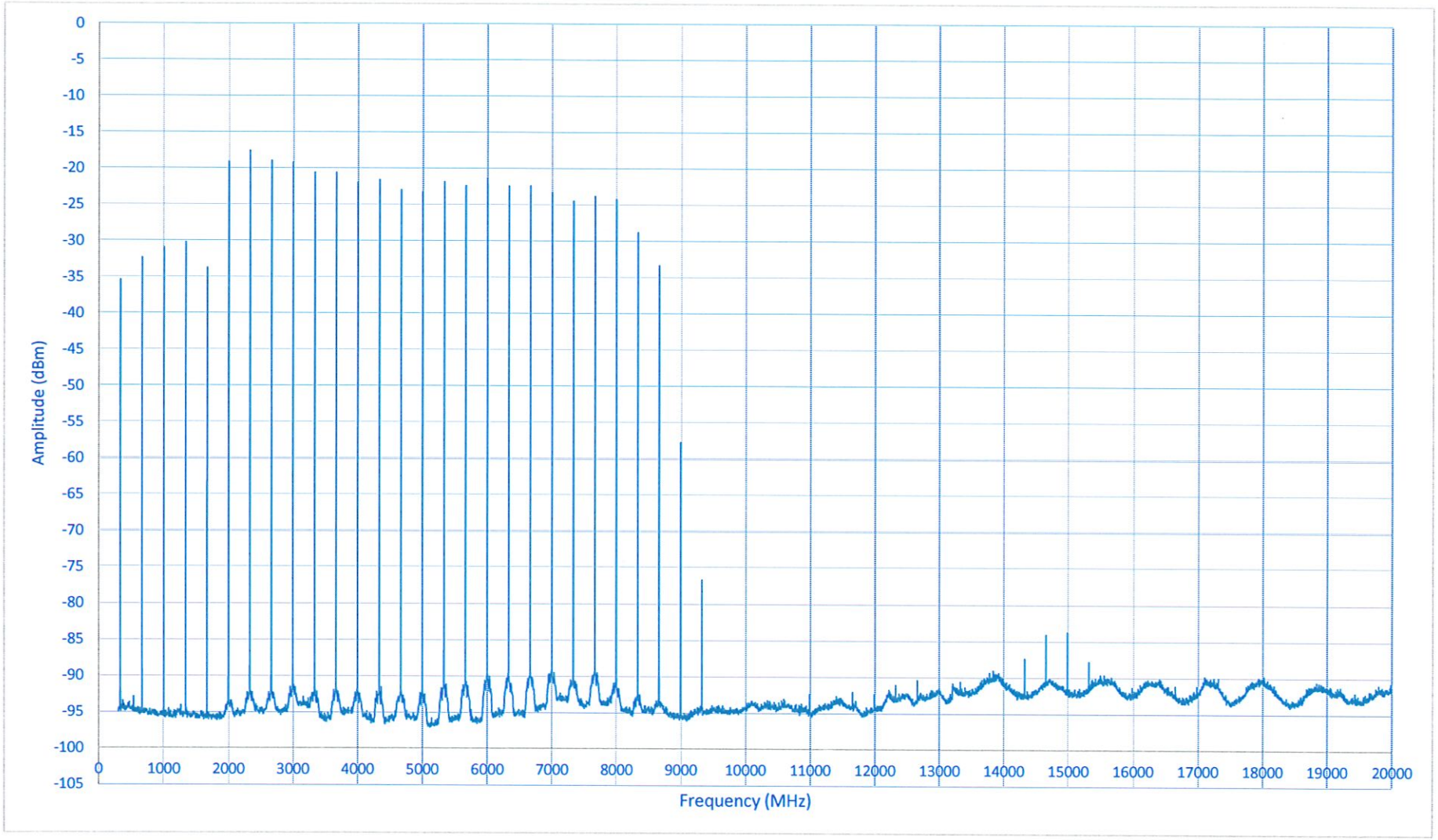
NON-HARMONIC OUTPUT SUPPRESSION 2-8 GHz CHANNEL @+23°C



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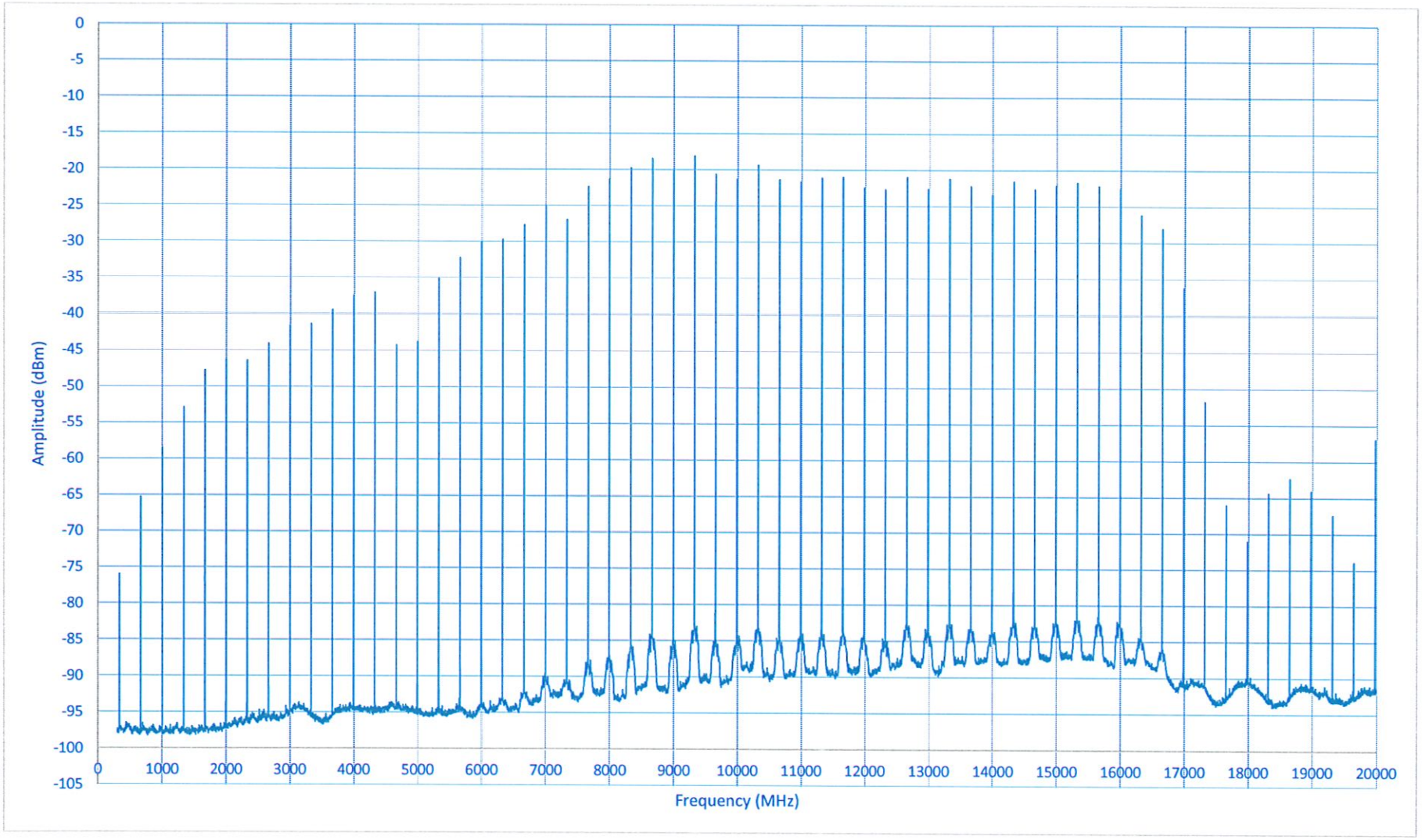
NON-HARMONIC OUTPUT SUPPRESSION 8-16 GHz CHANNEL @+23°C



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