GUERRILLA RF

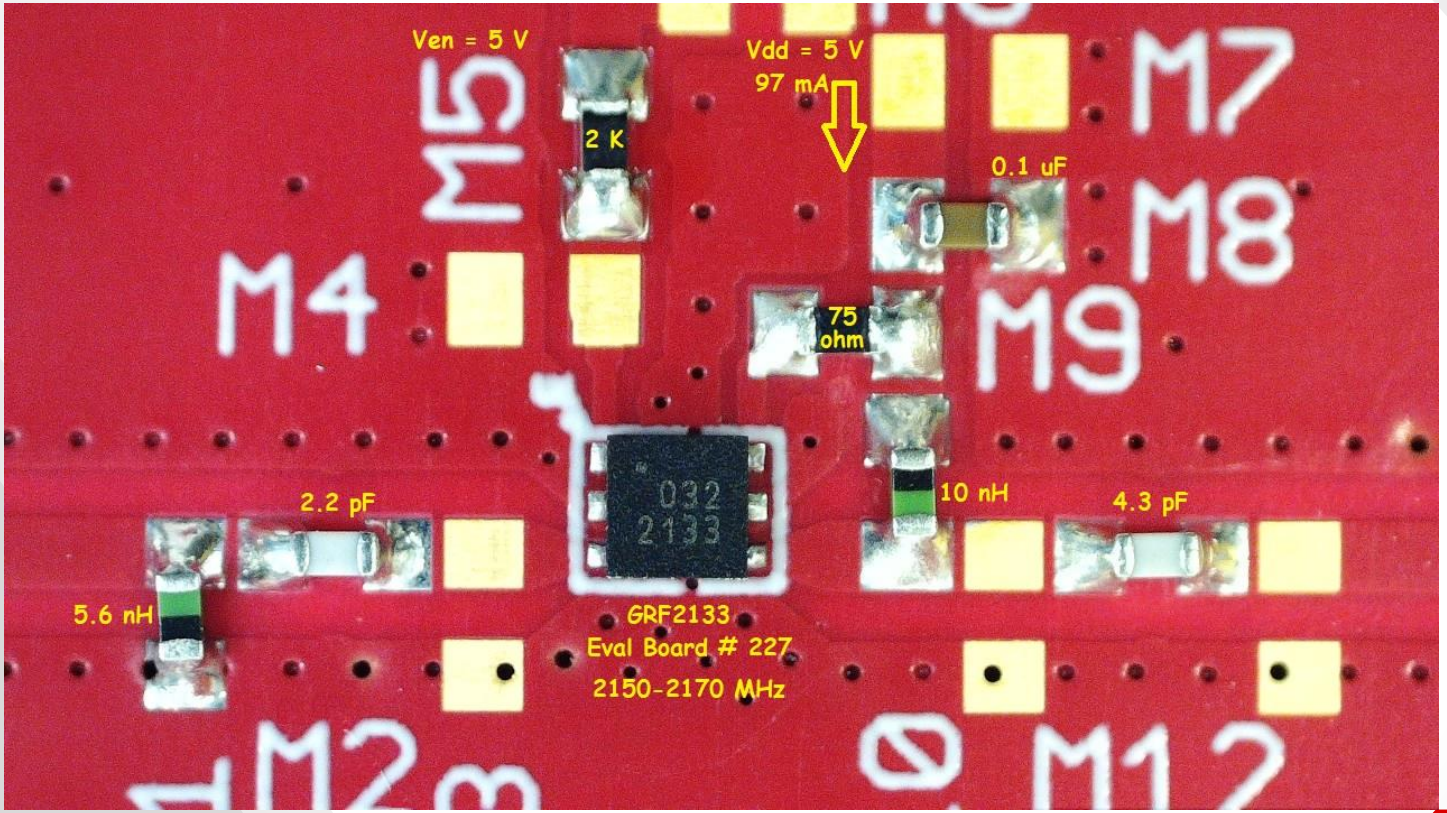


GRF2133 (2150 - 2170 MHz) 5V 100/80/60mA

Evaluation Board # 227

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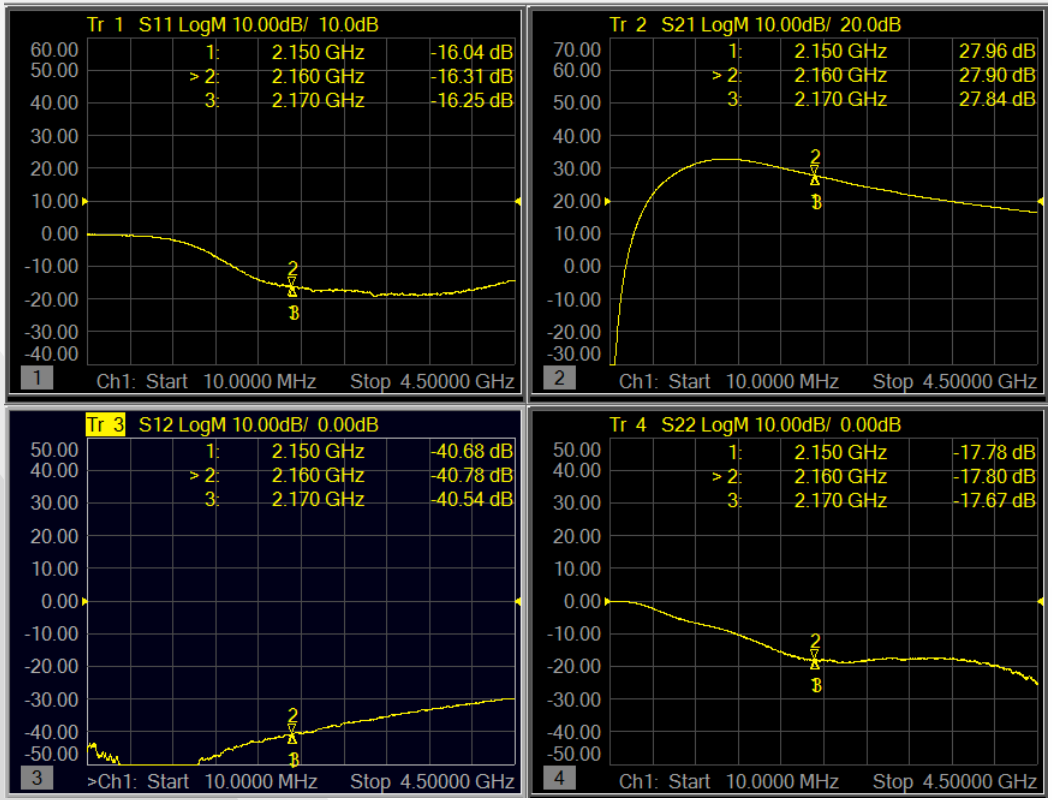
GRF2133 Schematic:



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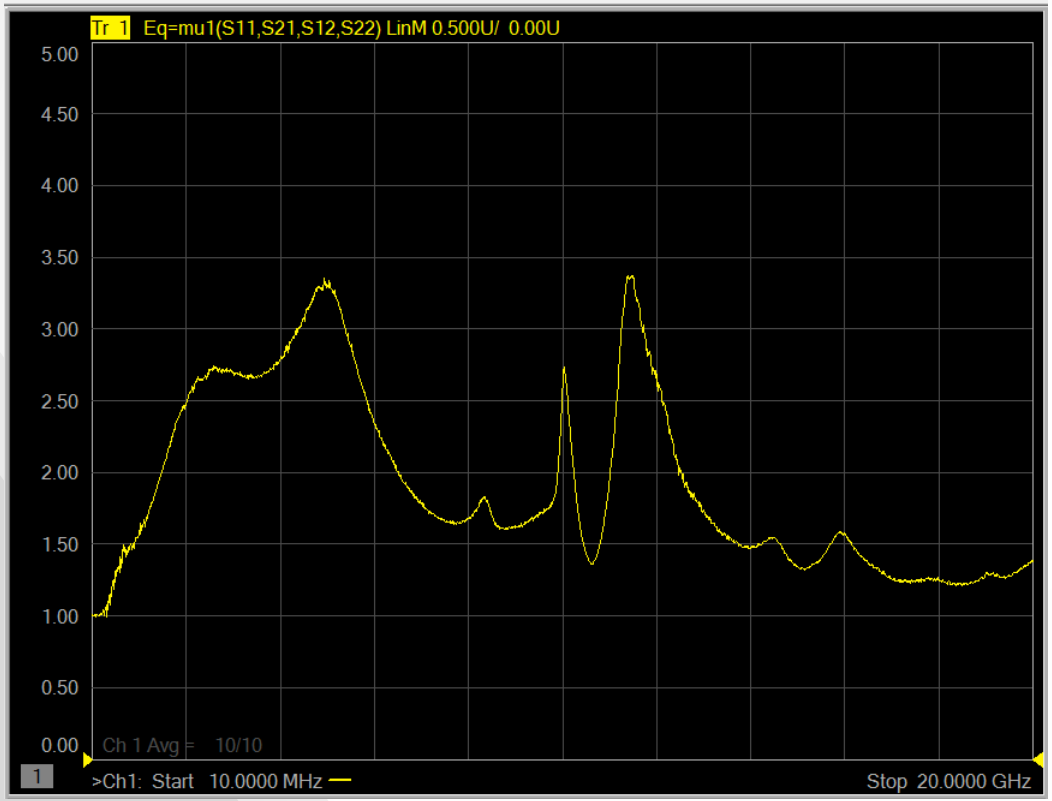
GRF2133 Response:



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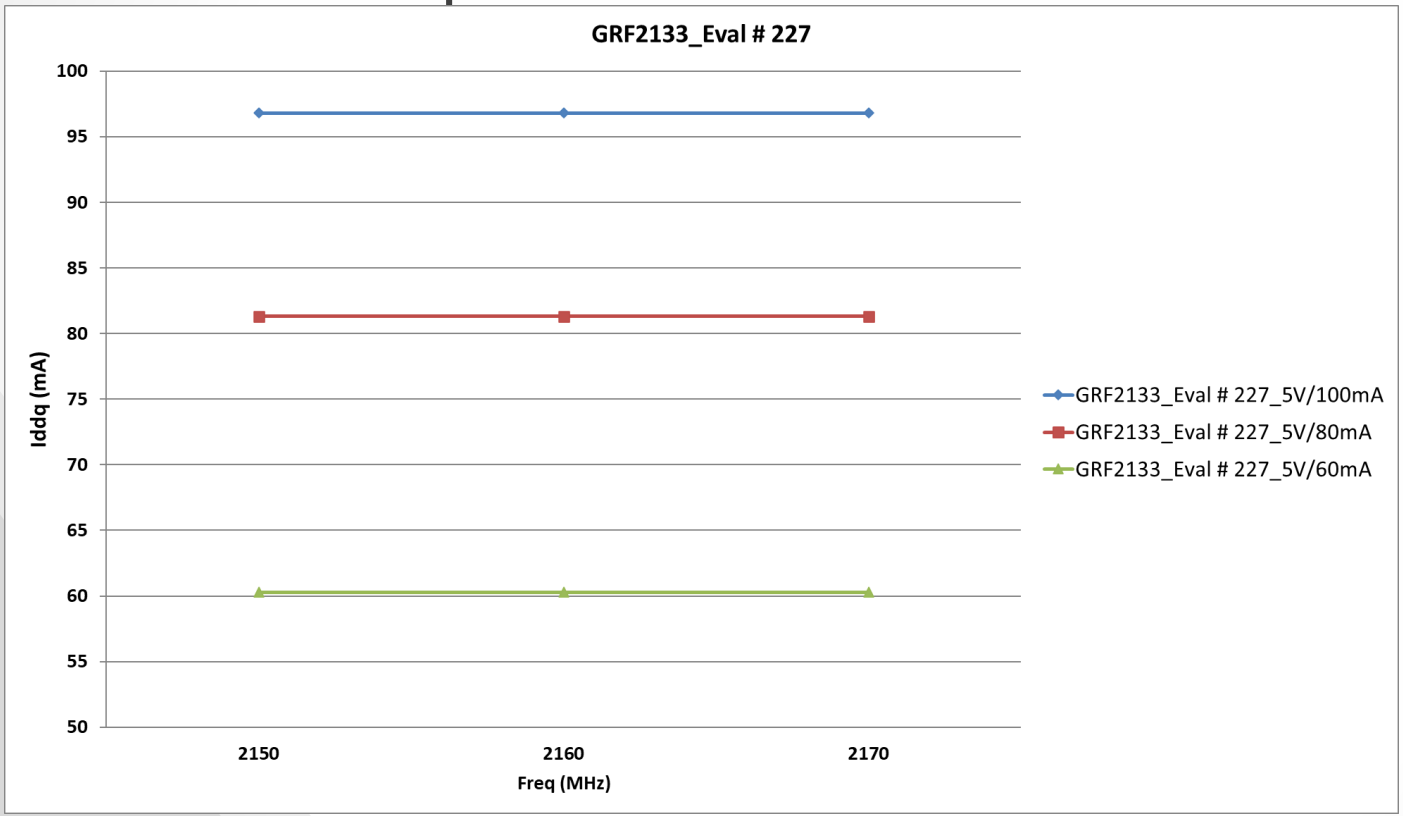
GRF2133 Stability Mu Factor:



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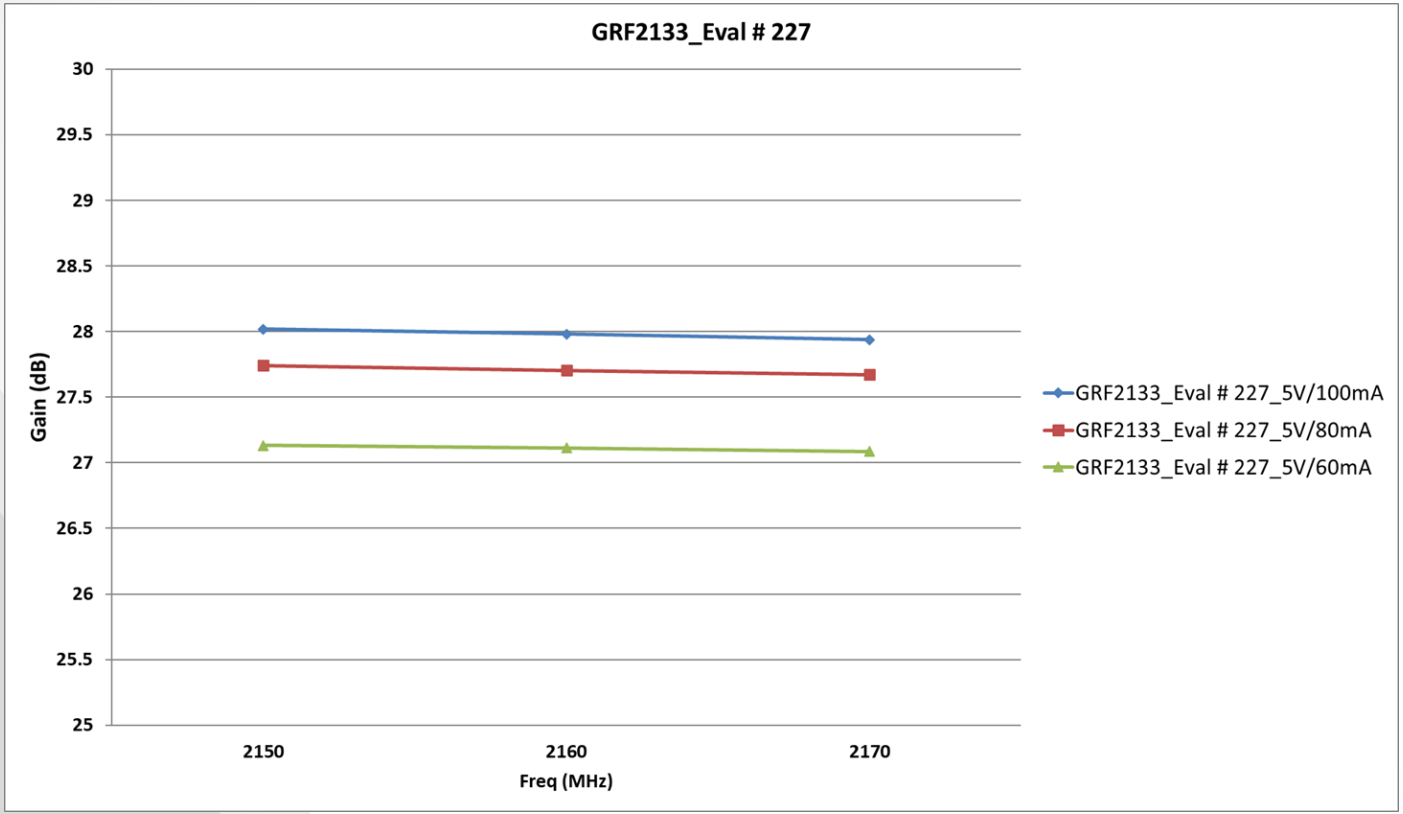
GRF2133 : Iddq



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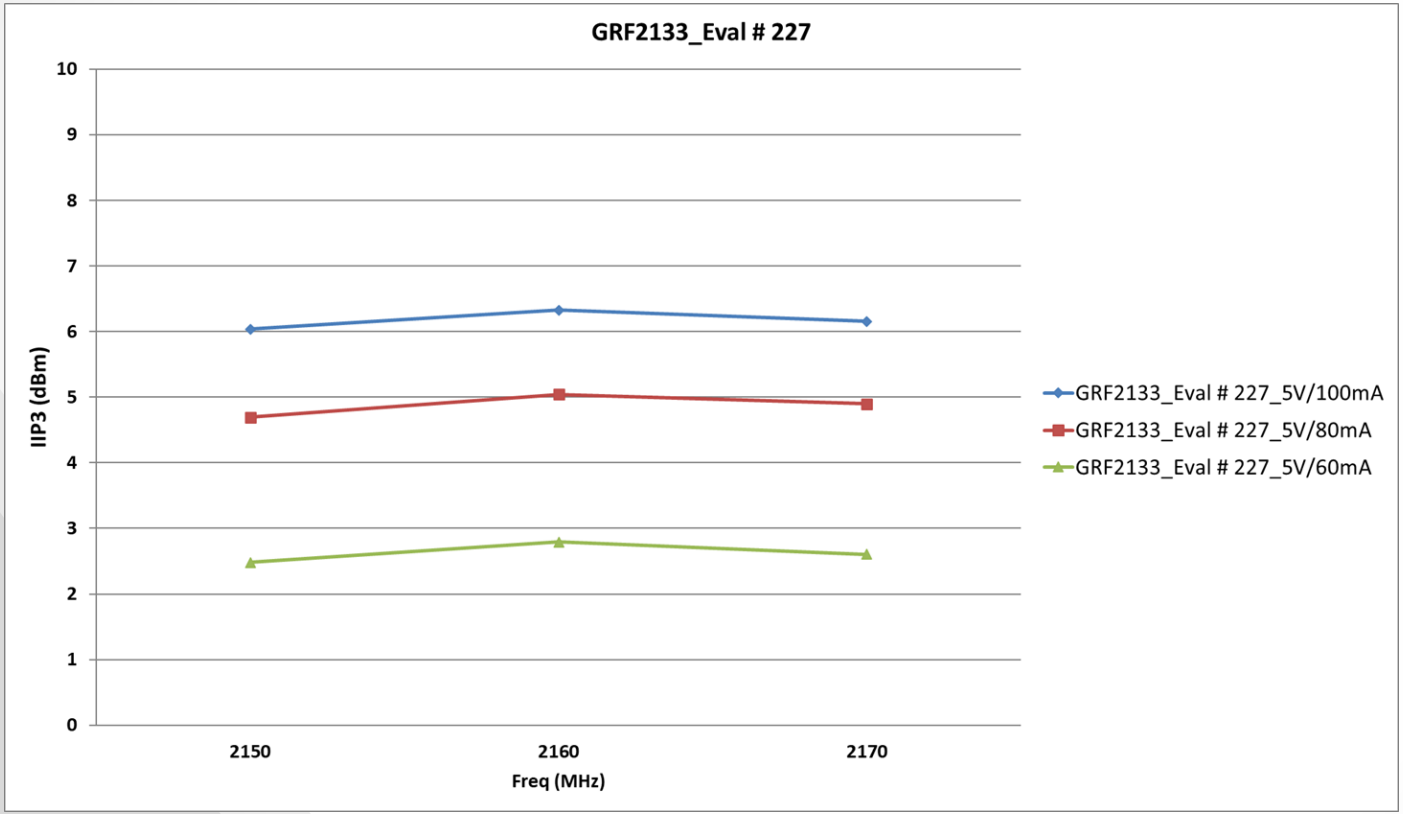
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GRF2133 : Gain



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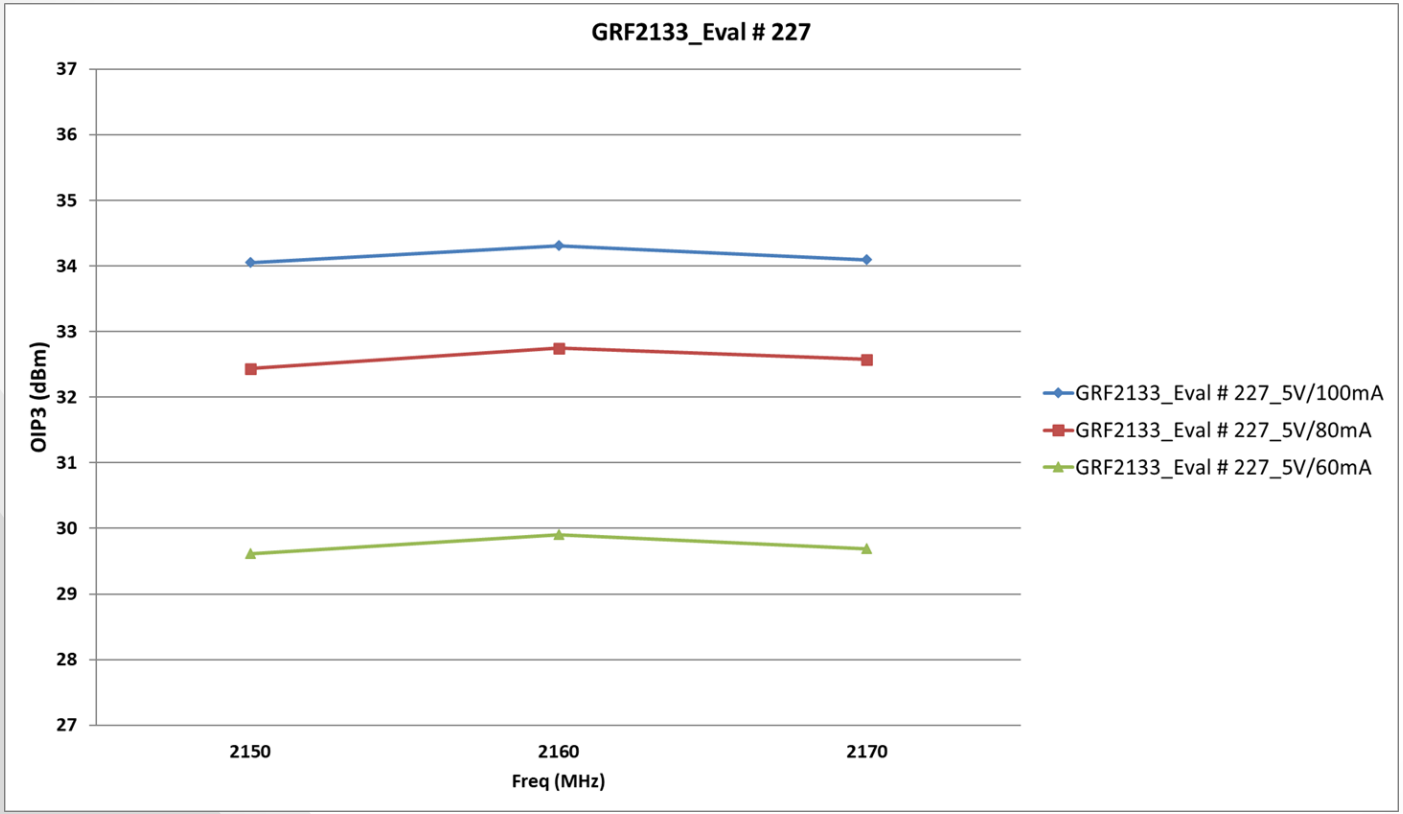
GRF2133 : IIP3



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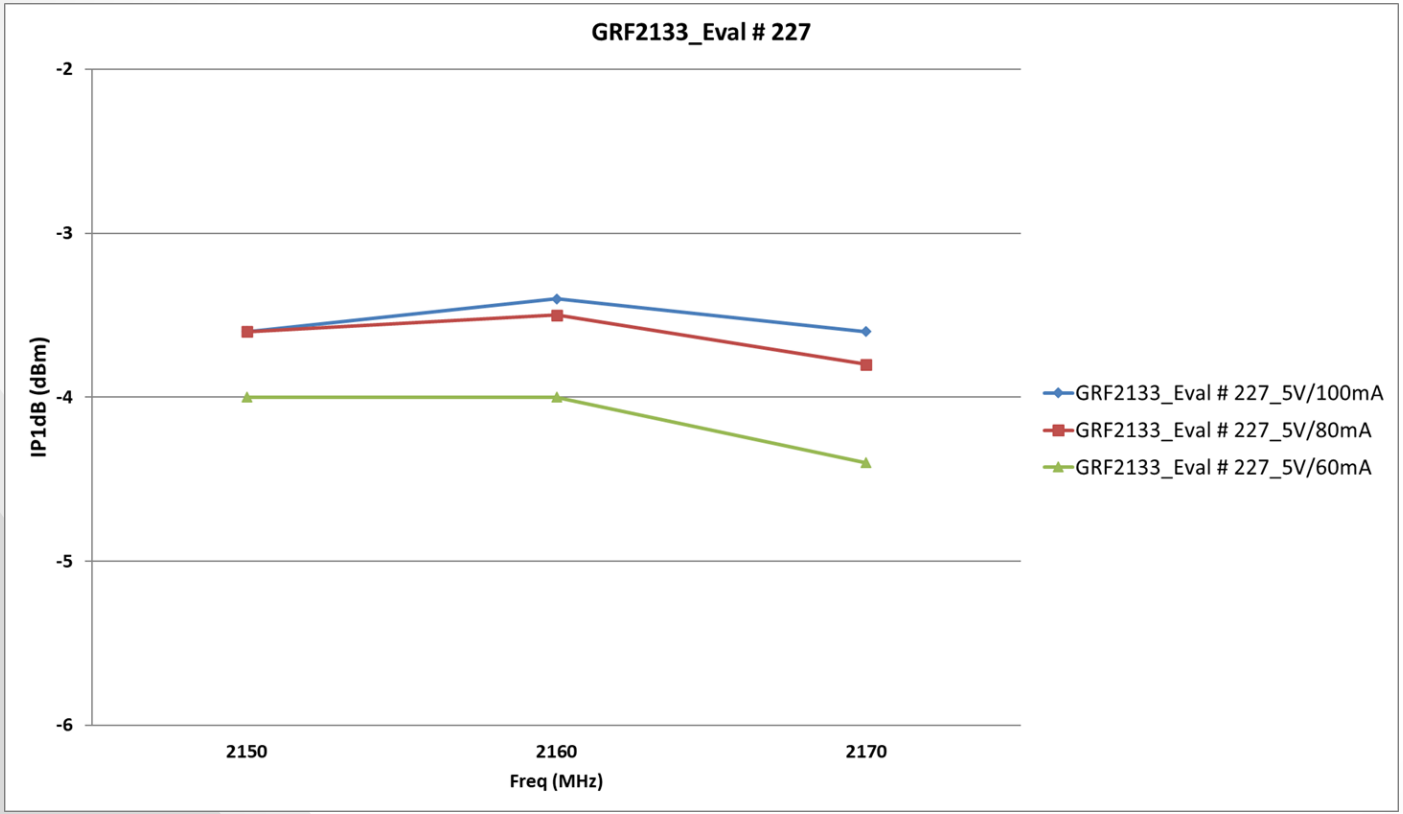
GRF2133 : OIP3



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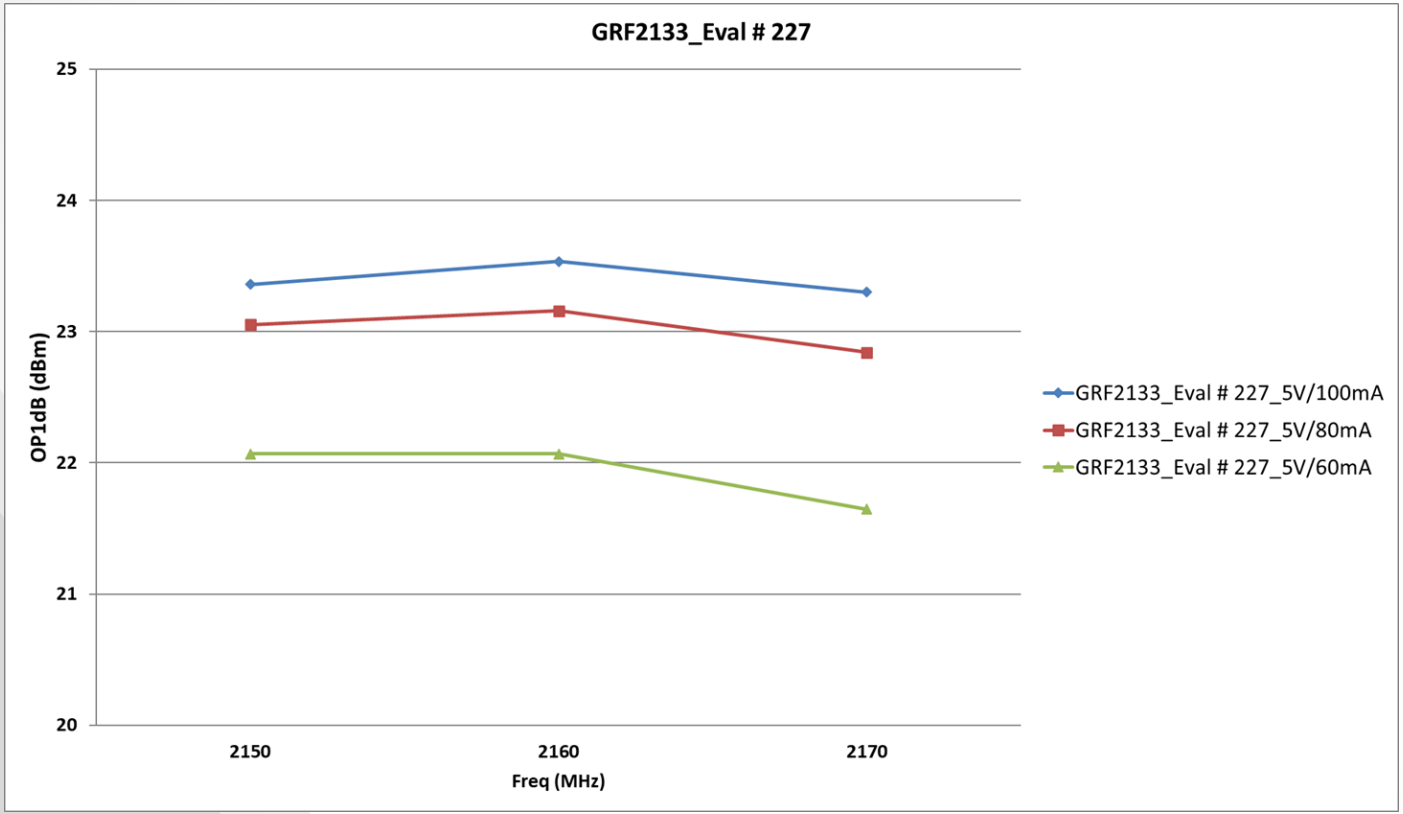
GRF2133 : IP1dB



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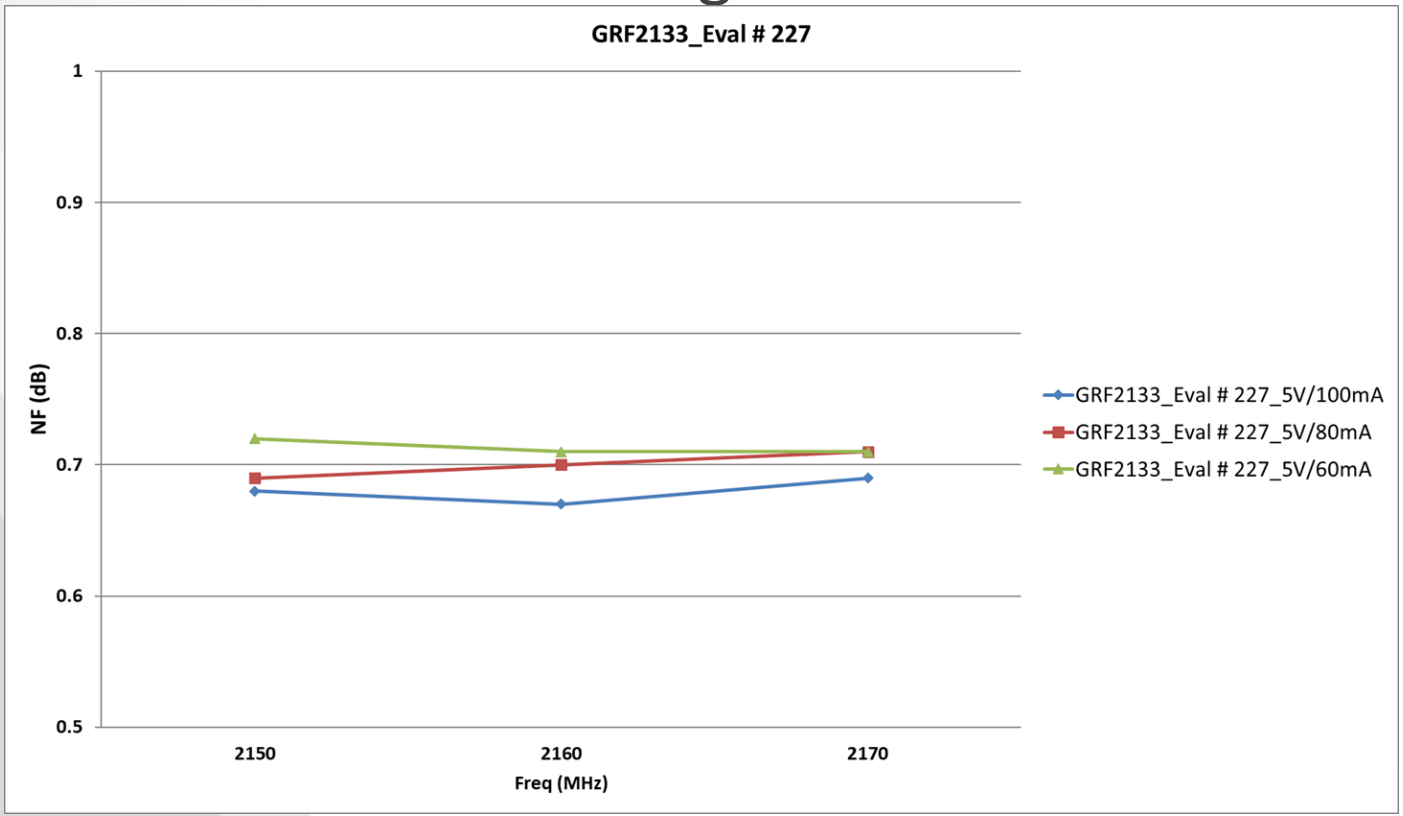
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GRF2133 : OP1dB



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GRF2133 : EVB Noise Figure



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GRF2133 Tabular Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2133_Eval # 227_5V/100mA	2150	5.0	96.8	5.0	2.9	2.0	28.0	6.0	34.1	-3.6	23.4	0.68
GRF2133_Eval # 227_5V/100mA	2160	5.0	96.8	5.0	2.9	2.0	28.0	6.3	34.3	-3.4	23.5	0.67
GRF2133_Eval # 227_5V/100mA	2170	5.0	96.8	5.0	2.9	2.0	27.9	6.2	34.1	-3.6	23.3	0.69
Descriptor	**Freq MHz**	**Vdd**	**Iddq mA**	**Ven**	**Ien mA**	**Pout/Ptone dBm**	**Gain dB**	**IIP3 dBm**	**OIP3 dBm**	**IP1dB dBm**	**OP1dB dBm**	**EVB NF**
GRF2133_Eval # 227_5V/80mA	2150	5.0	81.3	3.8	2.2	2.0	27.7	4.7	32.4	-3.6	23.1	0.69
GRF2133_Eval # 227_5V/80mA	2160	5.0	81.3	3.8	2.2	2.0	27.7	5.0	32.7	-3.5	23.2	0.7
GRF2133_Eval # 227_5V/80mA	2170	5.0	81.3	3.8	2.2	2.3	27.7	4.9	32.6	-3.8	22.8	0.71
Descriptor	**Freq MHz**	**Vdd**	**Iddq mA**	**Ven**	**Ien mA**	**Pout/Ptone dBm**	**Gain dB**	**IIP3 dBm**	**OIP3 dBm**	**IP1dB dBm**	**OP1dB dBm**	**EVB NF**
GRF2133_Eval # 227_5V/60mA	2150	5.0	60.3	2.5	1.4	2.0	27.1	2.5	29.6	-4.0	22.1	0.72
GRF2133_Eval # 227_5V/60mA	2160	5.0	60.3	2.5	1.4	2.3	27.1	2.8	29.9	-4.0	22.1	0.71
GRF2133_Eval # 227_5V/60mA	2170	5.0	60.3	2.5	1.4	2.3	27.1	2.6	29.7	-4.4	21.6	0.71

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