

Baseline design D1101614-v1 (9&45 MHz Variant)

F LO Nominal	9MHz	F HI Nominal	45MHz
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U7 RF LOW STAGE

C6	C10 (Var)	L1
1.50E-10	4.00E-11	1.80E-06

Input Notch Tuning Range

Fmin(MHz)	8.6
Fmax (MHz)	9.7
Fmid (MHz)	9.1

U4 RF HI STAGE

C14	C16 (Var)	L7
2.20E-11	2.00E-11	3.90E-07

Input Notch Tuning Range

Fmin(MHz)	39.3
Fmax (MHz)	54.3
Fmid (MHz)	46.8

Notch Farm	18MHz		36MHz		54MHz		90MHz	
Notch 1	Value	Notch 2	Value	Notch 3	Value	Notch 4	Value	
L3	3.90E-07	L4	1.80E-07	L5	2.20E-07	L6	1.00E-07	
C21 (Var)	4.00E-11	C22 (Var)	4.00E-11	C23 (Var)	3.00E-11	C24 (Var)	2.00E-11	
C19	1.80E-10	C25	8.20E-11	C26	2.70E-11	C20	2.00E-11	
Fmin(MHz)	17.2	Fmin(MHz)	34.0	Fmin(MHz)	44.9	Fmin(MHz)	79.6	
Fmax (MHz)	19.0	Fmax (MHz)	41.4	Fmax (MHz)	65.3	Fmax (MHz)	112.5	
Fmid (MHz)	18.1	Fmid (MHz)	37.7	Fmid (MHz)	55.1	Fmid (MHz)	96.1	

See T0900511 for optical power vs. frequency

Baseline design D1101614-v1 (36&45 MHz Variant)

F LO Nominal	36MHz	F HI Nominal	45MHz
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U7 RF LOW STAGE

C6	C10 (Var)	L1
1.00E-11	2.00E-11	7.50E-07

Input Notch Tuning Range

Fmin(MHz)	33.6
Fmax (MHz)	58.1
Fmid (MHz)	45.8

U4 RF HI STAGE

C14	C16 (Var)	L7
1.00E-11	2.00E-11	4.70E-07

Input Notch Tuning Range

Fmin(MHz)	42.4
Fmax (MHz)	73.4
Fmid (MHz)	57.9

Notch Farm	9MHz		54MHz		90MHz		90MHz
Notch 1	Value	Notch 2	Value	Notch 3	Value	Notch 4	Value
L3	1.80E-06	L4	Omit	L5	1.00E-07	L6	1.00E-07
C21 (Var)	4.00E-11	C22 (Var)	3.00E-11	C23 (Var)	2.00E-11	C24 (Var)	2.00E-11
C19	1.50E-10	C25	2.70E-11	C26	2.00E-11	C20	2.00E-11
Fmin(MHz)	8.6	Fmin(MHz)	#VALUE!	Fmin(MHz)	79.6	Fmin(MHz)	79.6
Fmax (MHz)	9.7	Fmax (MHz)	#VALUE!	Fmax (MHz)	112.5	Fmax (MHz)	112.5
Fmid (MHz)	9.1	Fmid (MHz)	#VALUE!	Fmid (MHz)	96.1	Fmid (MHz)	96.1

See T0900511 for optical power vs. frequency

Part	Value	Function
L2	100nH	Test DC bias
C9	10pF	Test Coupling
L8	100nH	Mystery Ind.
R9	200 ohms	Test In Res.

**Baseline design D1200066-v2 (Single Channel
WFS Input Modecleaner Variant)**

F Nominal	24.078MHz
U7 RF LOW STAGE	
C6	4.70E-11
C8 (Var)	4.00E-11
L2	6.20E-07
Fmin(MHz)	21.7
Fmax (MHz)	29.5
Fmid (MHz)	25.6
2ω Notch	
L1	3.90E-07
C12 (Var)	3.00E-11
C11	1.50E-11
Fmin(MHz)	38.0
Fmid (MHz)	51.9
Fmax (MHz)	65.8

See T0900511 for optical power vs. frequency