

Voltage Controlled Oscillator

SOS-3065-119+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.00	222.58	2575.49	2531.64	2491.57	4.83	6.08	6.26	-50.72	-38.70	-38.66	6.21	1	-56
0.25	198.45	2627.65	2587.29	2550.14	4.92	5.99	6.18	-57.51	-35.77	-37.58	4.98	10	-85
0.50	192.68	2677.18	2636.90	2601.32	4.83	6.04	6.15	-54.35	-33.35	-36.30	4.69	100	-107
0.75	177.21	2722.30	2685.07	2649.44	4.97	5.94	6.12	-47.50	-32.25	-35.10	4.14	1000	-128
1.00	182.10	2768.70	2729.37	2695.65	4.88	6.00	6.07	-43.69	-31.52	-34.71	3.98		
1.25	176.59	2812.67	2774.90	2740.43	4.88	5.93	6.00	-40.63	-31.13	-34.51	3.35		
1.50	178.38	2857.60	2819.05	2785.02	4.95	5.85	5.91	-38.74	-30.01	-35.36	3.18		
1.75	183.46	2903.62	2863.64	2829.90	4.77	5.91	5.82	-37.23	-28.93	-34.19	3.16		
2.00	175.27	2947.65	2909.51	2874.31	4.88	5.70	5.82	-35.16	-28.24	-34.33	3.50		
2.25	180.60	2993.92	2953.32	2919.38	4.69	5.79	5.65	-33.99	-27.10	-34.56	4.74		
2.50	175.38	3038.40	2998.47	2964.22	4.81	5.58	5.66	-32.67	-26.37	-34.99	5.94		
2.75	174.29	3083.46	3042.32	3008.08	4.57	5.71	5.46	-31.83	-26.36	-34.65	7.62		
3.00	168.60	3126.85	3085.89	3051.57	4.62	5.45	5.60	-31.14	-26.00	-33.61	10.05		
3.25	167.20	3169.98	3128.04	3094.75	4.52	5.46	5.28	-30.24	-25.18	-33.16	11.23		
3.50	161.48	3211.71	3169.84	3135.94	4.43	5.38	5.31	-30.00	-23.81	-33.21	14.53		
3.75	158.21	3252.61	3210.21	3177.66	4.38	5.26	5.17	-29.45	-23.44	-31.85	15.24		
4.00	152.60	3292.35	3249.76	3216.63	4.26	5.18	5.06	-29.79	-23.23	-33.65	17.09		
4.25	149.31	3330.43	3287.91	3255.33	4.17	5.11	4.97	-28.98	-22.32	-34.64	19.05		
4.50	135.25	3366.72	3325.24	3292.49	4.14	4.92	4.90	-28.86	-21.97	-33.36	16.98		
4.75	145.33	3403.52	3359.05	3328.41	3.96	4.93	4.70	-29.63	-21.50	-34.20	20.64		
5.00	119.63	3435.14	3395.39	3360.97	3.85	4.78	4.70	-29.71	-21.51	-34.22	20.13		

