

Voltage Controlled Oscillator

ROSA-ED11497/1

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			
0.5	18.03	417.5	416.1	414.8	3.27	3.41	3.48	-18.2	-34.4	-35.1	0.49	1	-93
1.0	14.47	425.8	424.3	422.9	3.28	3.51	3.58	-19.4	-33.9	-34.7	0.25	10	-118
1.5	12.75	432.8	431.0	429.7	3.11	3.47	3.45	-20.7	-33.1	-34.8	0.07	100	-138
2.0	12.69	439.1	437.4	436.4	2.89	3.16	2.93	-21.9	-32.7	-36.3	0.40	1000	-158
2.5	11.48	445.0	443.5	442.5	2.74	2.92	2.76	-22.1	-31.9	-42.0	0.31		
3.0	10.48	450.4	449.0	448.0	2.72	2.93	2.83	-21.7	-30.8	-53.1	0.16		
3.5	9.99	455.5	454.1	453.0	2.76	2.97	2.94	-21.7	-30.3	-44.7	0.09		
4.0	9.75	460.4	459.1	457.8	2.78	2.99	3.03	-22.1	-30.1	-41.3	0.06		
4.5	9.62	465.2	463.9	462.6	2.75	2.99	3.06	-22.6	-29.8	-40.0	0.03		
5.0	9.58	470.1	468.7	467.4	2.68	2.96	3.04	-23.0	-29.6	-39.3	0.02		
5.5	9.55	474.9	473.5	472.1	2.60	2.91	3.02	-23.4	-29.2	-38.8	0.01		
6.0	9.58	479.6	478.3	476.9	2.53	2.88	2.99	-23.9	-28.9	-37.9	0.00		