

Voltage Controlled Oscillator

ROS-EDR5317

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			
1.0	73.26	1814.8	1788.1	1769.1	1.45	1.21	0.46	-19.0	-23.0	-31.3	1.04	1	-70
2.0	63.35	1878.0	1851.5	1832.9	1.41	1.34	0.44	-20.9	-22.6	-30.6	1.08	10	-94
3.0	63.60	1943.6	1915.1	1897.0	1.39	1.28	0.41	-22.1	-21.7	-29.1	1.03	100	-115
4.0	68.44	2009.4	1983.5	1965.3	1.24	1.09	0.36	-21.7	-20.8	-27.6	0.91	1000	-136
5.0	81.86	2097.2	2065.4	2044.5	2.04	1.62	0.42	-18.7	-33.6	-38.8	0.85		
6.0	78.66	2176.9	2144.0	2122.7	2.36	1.76	0.54	-17.3	-39.6	-34.6	0.71		
7.0	72.90	2245.6	2216.9	2196.1	2.13	1.71	0.59	-16.7	-32.8	-36.5	0.41		
8.0	68.64	2311.8	2285.6	2266.1	1.84	1.57	0.49	-16.2	-31.5	-36.9	0.26		
9.0	66.80	2376.9	2352.4	2332.5	1.58	1.43	0.34	-15.9	-29.7	-36.9	-0.05		
10.0	63.48	2440.2	2415.8	2396.7	1.22	1.26	0.17	-15.8	-27.9	-39.4	-0.27		
11.0	62.05	2501.9	2477.9	2458.8	1.15	1.06	0.04	-16.1	-28.0	-39.4	-0.32		
12.0	59.91	2561.4	2537.8	2517.9	1.07	0.88	0.07	-16.4	-27.9	-43.1	-0.40		
13.0	55.30	2617.9	2593.1	2574.6	0.99	0.77	0.08	-15.8	-28.8	-43.0	-0.51		
14.0	54.06	2672.3	2647.2	2628.3	0.79	0.63	0.09	-15.1	-28.2	-40.4	-0.51		
15.0	52.08	2723.7	2699.2	2678.7	0.64	0.61	0.08	-14.7	-26.5	-39.1	-0.55		
16.0	47.09	2772.3	2746.3	2726.0	0.54	0.66	0.08	-14.6	-26.5	-38.5	-0.53		
17.0	43.42	2817.4	2789.8	2769.5	0.51	0.72	0.14	-14.7	-27.7	-38.3	-0.54		
18.0	40.70	2858.8	2830.5	2808.3	0.45	0.78	0.23	-13.9	-28.0	-37.8	-0.50		
19.0	36.21	2895.7	2866.7	2843.8	0.52	0.84	0.31	-14.2	-29.2	-38.4	-0.58		
20.0	31.08	2928.6	2897.7	2874.1	0.60	0.96	0.43	-14.0	-30.2	-39.7	-0.62		