

Voltage Controlled Oscillator

ROS-EDR4297

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	46.34	2208.3	2196.1	2182.5	0.84	0.79	0.51	-30.1	-32.1	-40.6	0.45	1	-73
1.0	33.79	2226.4	2213.0	2202.0	0.86	1.33	0.85	-33.0	-32.8	-42.5	0.32	10	-98
1.5	33.92	2244.2	2230.0	2218.0	1.61	1.42	1.09	-33.1	-33.3	-45.4	0.38	100	-120
2.0	38.14	2260.9	2249.0	2237.3	1.58	1.21	0.69	-35.4	-32.2	-43.5	0.51	1000	-142
2.5	31.74	2280.1	2264.9	2252.7	1.64	1.69	1.16	-38.7	-34.2	-46.0	0.13		
3.0	32.00	2295.4	2280.9	2271.9	1.97	1.57	-0.03	-36.7	-36.9	-49.6	0.00		
3.5	37.76	2311.8	2299.8	2286.8	1.69	0.67	1.17	-41.5	-37.0	-49.7	0.51		
4.0	28.42	2327.2	2314.0	2300.4	2.19	1.61	0.99	-42.8	-35.6	-48.6	0.00		
4.5	23.55	2339.1	2325.8	2315.5	2.28	1.95	-0.20	-48.9	-34.3	-51.0	0.00		
5.0	21.38	2352.0	2336.4	2326.3	1.51	1.79	0.92	-48.1	-35.3	-53.6	0.06		