

Voltage Controlled Oscillator

ROS-EDR4518

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	6.70	1020.6	1015.5	1012.2	0.99	-0.39	-1.39	-19.9	-25.3	-34.3	0.00	1	-89
1.0	5.50	1023.4	1018.2	1014.9	1.06	-0.30	-1.27	-19.9	-25.6	-34.1	0.06	10	-115
1.5	4.90	1025.8	1020.7	1017.3	1.12	-0.23	-1.19	-19.9	-25.8	-33.7	0.00	100	-135
2.0	4.50	1028.1	1022.9	1019.6	1.17	-0.17	-1.13	-19.9	-26.0	-33.4	0.00	1000	-154
2.5	4.50	1030.3	1025.2	1021.8	1.22	-0.11	-1.07	-19.8	-26.2	-33.2	0.06		
3.0	4.20	1032.5	1027.3	1023.9	1.26	-0.06	-1.03	-19.8	-26.3	-32.9	0.00		
3.5	4.20	1034.6	1029.4	1026.1	1.30	0.01	-0.98	-19.8	-26.6	-32.7	0.00		
4.0	4.40	1036.9	1031.6	1028.3	1.32	0.04	-0.94	-19.8	-26.8	-32.5	0.00		
4.5	4.50	1039.1	1033.8	1030.5	1.30	0.09	-0.89	-19.8	-27.0	-32.3	0.00		
5.0	4.60	1041.5	1036.1	1032.8	1.23	0.12	-0.86	-19.7	-27.3	-32.1	0.06		
5.5	4.70	1044.0	1038.5	1035.1	1.07	0.12	-0.84	-19.6	-27.5	-32.0	0.06		
6.0	5.00	1047.1	1041.0	1037.7	1.05	0.08	-0.85	-19.5	-27.8	-31.8	0.00		
6.5	5.40	1050.2	1043.7	1040.4	1.37	-0.03	-0.90	-19.3	-28.1	-31.5	0.00		
7.0	6.70	1053.1	1047.0	1043.3	1.60	-0.11	-1.07	-19.1	-28.1	-31.3	0.06		