

Voltage Controlled Oscillator

ROS-ED7312/2

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	22.60	394.2	391.2	388.3	-1.82	-0.67	-0.40	-23.4	-37.8	-49.9	0.45	1	-86
1.0	20.10	404.1	401.2	398.5	-1.75	-0.43	0.07	-21.9	-36.0	-43.3	0.32	10	-108
1.5	19.00	413.6	410.8	408.1	-1.74	-0.33	0.27	-21.1	-32.0	-41.0	0.20	100	-128
2.0	18.90	423.2	420.2	417.5	-1.79	-0.31	0.34	-20.2	-28.6	-38.3	0.13	1000	-145
2.5	19.10	433.0	429.7	426.9	-1.88	-0.41	0.27	-19.7	-26.5	-35.8	0.06		
3.0	19.40	442.9	439.5	436.5	-1.95	-0.47	0.19	-19.4	-24.9	-32.0	0.01		
3.5	19.50	452.8	449.2	446.1	-2.05	-0.57	0.08	-19.3	-23.8	-28.0	0.13		
4.0	19.30	462.7	458.9	455.6	-2.07	-0.61	0.01	-19.3	-23.0	-25.0	0.29		
4.5	18.80	472.3	468.3	464.9	-2.03	-0.58	0.06	-19.4	-22.8	-22.7	0.45		
5.0	18.10	481.5	477.3	473.8	-1.89	-0.46	0.15	-19.6	-22.9	-21.6	0.63		