

Voltage Controlled Oscillator

ROS-ED12489A/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			
0.0	8.58	128.8	127.5	126.7	-2.46	-0.48	-0.36	-23.13	-45.21	-52.80	0.13	1	-94
1.0	5.82	135.6	134.6	133.8	-1.98	0.01	0.17	-24.68	-45.48	-50.53	0.07	10	-117
2.0	5.13	141.0	140.0	139.3	-1.76	0.20	0.32	-25.96	-45.35	-49.89	0.04	100	-137
3.0	4.93	146.0	145.1	144.3	-1.73	0.21	0.31	-27.15	-44.51	-49.20	0.01	1000	-157
4.0	4.96	151.0	150.0	149.2	-1.78	0.15	0.22	-28.38	-44.00	-48.44	0.01		
5.0	5.07	156.0	155.0	154.2	-1.89	0.03	0.07	-29.69	-43.61	-48.10	0.01		
6.0	5.10	161.2	160.1	159.3	-2.09	-0.14	-0.13	-31.06	-42.83	-47.41	0.00		
7.0	5.01	166.3	165.2	164.3	-2.31	-0.15	-0.38	-32.44	-42.44	-47.11	0.03		
8.0	4.80	171.3	170.1	169.2	-2.55	-0.59	-0.61	-33.84	-42.01	-46.59	0.09		
9.0	4.53	176.0	174.8	173.9	-2.80	-0.84	-0.87	-34.90	-41.39	-45.80	0.13		
10.0	4.25	180.5	179.2	178.3	-3.06	-1.12	-1.16	-35.86	-41.11	-45.18	0.14		
11.0	3.90	184.6	183.3	182.4	-3.28	-1.35	-1.41	-36.74	-40.97	-44.65	0.14		
12.0	3.58	188.4	187.1	186.1	-3.49	-1.58	-1.69	-37.17	-40.75	-44.55	0.16		