

Voltage Controlled Oscillator

POS-ED4783A/1

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	2.80	134.7	133.8	133.1	3.53	3.44	3.25	-31.3	-49.0	-55.1	0.00	1	-94
2.0	2.20	136.8	136.0	135.2	3.98	3.90	3.71	-32.9	-49.5	-54.7	0.02	10	-122
3.0	2.00	138.8	137.9	137.2	4.21	4.13	3.93	-34.1	-50.3	-53.9	0.02	100	-145
4.0	1.90	140.7	139.9	139.1	4.41	4.31	4.12	-35.6	-50.1	-52.9	0.03	1000	-159
5.0	2.00	142.7	141.9	141.1	4.61	4.53	4.32	-37.2	-50.7	-52.7	0.02		
6.0	2.10	144.9	144.0	143.2	4.83	4.73	4.52	-38.9	-51.7	-52.5	0.02		
7.0	2.30	147.1	146.3	145.5	5.18	5.07	4.88	-41.1	-52.4	-51.6	0.02		
8.0	2.50	149.6	148.7	148.0	5.39	5.27	5.06	-43.3	-54.1	-51.4	0.01		
9.0	2.60	152.2	151.3	150.6	5.55	5.46	5.26	-45.9	-56.1	-50.6	0.01		
10.0	2.70	154.9	154.0	153.2	5.68	5.59	5.40	-48.6	-57.6	-51.2	0.01		
11.0	2.70	157.6	156.7	155.9	5.64	5.56	5.40	-51.8	-59.8	-50.1	0.01		
12.0	2.70	160.2	159.4	158.6	5.58	5.54	5.37	-52.9	-60.4	-50.3	0.01		
13.0	2.70	162.9	162.0	161.3	5.41	5.38	5.22	-53.1	-59.4	-49.4	0.01		
14.0	2.70	165.6	164.7	164.0	5.51	5.06	4.94	-51.3	-57.8	-48.8	0.01		
15.0	2.70	168.3	167.5	166.7	5.01	5.07	4.98	-49.5	-55.9	-48.2	0.02		
16.0	2.70	170.9	170.1	169.4	4.43	4.52	4.48	-47.6	-54.5	-47.8	0.00		
17.0	2.50	173.5	172.7	171.9	3.76	3.89	3.92	-46.5	-51.5	-47.2	0.00		
18.0	2.30	175.8	175.0	174.2	2.70	3.31	3.33	-45.3	-50.9	-46.3	0.00		