

Voltage Controlled Oscillator

POS-ED4782A/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	2.90	114.2	113.8	113.5	2.52	2.74	2.47	-34.1	-43.6	-57.4	0.00	1	-88
2.0	2.20	116.4	115.9	115.6	2.94	3.13	2.83	-36.5	-44.1	-56.1	0.01	10	-119
3.0	1.90	118.4	117.9	117.6	3.26	3.44	3.15	-38.4	-44.6	-53.4	0.01	100	-145
4.0	1.90	120.3	119.7	119.4	3.59	3.74	3.43	-40.9	-45.1	-52.9	0.01	1000	-159
5.0	1.90	122.2	121.6	121.3	3.93	4.02	3.70	-43.9	-46.0	-51.9	0.02		
6.0	2.00	124.2	123.6	123.2	4.23	4.31	3.99	-47.0	-46.8	-50.8	0.02		
7.0	2.10	126.3	125.7	125.3	4.47	4.51	4.19	-51.0	-47.5	-50.4	0.02		
8.0	2.20	128.5	127.9	127.5	4.72	4.73	4.39	-53.8	-48.8	-49.1	0.02		
9.0	2.30	130.9	130.2	129.8	4.87	4.86	4.51	-52.1	-49.9	-48.9	0.01		
10.0	2.30	133.2	132.6	132.1	4.89	4.86	4.53	-49.1	-51.1	-48.2	0.00		
11.0	2.30	135.5	134.9	134.4	4.98	4.72	4.39	-47.1	-52.8	-47.9	0.01		
12.0	2.30	137.8	137.2	136.7	4.64	4.68	4.38	-45.0	-53.6	-47.0	0.01		
13.0	2.30	140.1	139.5	139.0	4.13	4.22	3.96	-43.3	-53.7	-46.3	0.00		
14.0	2.20	142.4	141.7	141.2	3.50	3.68	3.46	-42.1	-54.1	-45.0	0.01		
15.0	2.20	144.5	143.9	143.4	2.80	3.04	2.83	-40.7	-52.8	-44.5	0.02		
16.0	2.10	146.6	146.0	145.5	2.20	2.50	2.34	-39.7	-52.8	-43.7	0.05		
17.0	1.90	148.5	147.9	147.4	1.47	1.81	1.70	-38.3	-51.6	-43.0	0.07		
18.0	1.80	150.3	149.6	149.1	0.80	1.23	1.13	-37.5	-50.5	-42.5	0.09		