

Voltage Controlled Oscillator

POS-100P+

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	5.63	45.6	44.4	43.5	7.91	7.47	6.96	-31.1	-34.6	-42.8	0.13	1 10 100 1000	-92 -112 -134 -151
1.0	4.88	47.8	46.9	46.3	8.81	8.88	8.52	-29.9	-37.0	-45.4	0.19		
1.5	4.47	49.8	49.2	48.8	9.09	9.22	8.91	-35.5	-37.9	-44.9	0.26		
2.0	4.68	52.1	51.5	51.1	9.08	9.13	8.86	-33.6	-37.6	-43.1	0.26		
2.5	4.35	54.4	53.7	53.3	9.08	9.09	8.84	-33.7	-37.1	-41.9	0.26		
3.0	4.02	56.4	55.7	55.3	9.02	9.04	8.80	-34.0	-36.4	-41.5	0.19		
3.5	3.87	58.3	57.7	57.3	8.98	8.98	8.77	-34.1	-36.0	-40.6	0.19		
4.0	3.80	60.2	59.6	59.2	8.93	8.95	8.73	-34.4	-35.4	-40.1	0.19		
4.5	3.79	62.1	61.5	61.1	8.88	8.90	8.70	-34.7	-34.9	-39.7	0.13		
5.0	3.84	64.0	63.4	63.0	8.82	8.86	8.66	-34.8	-34.2	-39.2	0.06		



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