

Voltage Controlled Oscillator

POSA-138+

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	2.70	113.3	112.9	112.7	3.33	3.10	2.70	-34.3	-42.8	-65.4	0.00	0.1	-72
2.0	2.00	115.3	114.9	114.6	3.72	3.44	3.05	-36.4	-42.9	-64.6	0.01	1	-100
3.0	1.80	117.1	116.7	116.4	4.02	3.77	3.38	-38.7	-43.7	-60.9	0.01	10	-125
4.0	1.80	118.9	118.5	118.2	4.31	4.05	3.65	-41.0	-44.2	-55.7	0.01	100	-145
5.0	1.80	120.7	120.2	119.9	4.59	4.32	3.92	-43.4	-44.4	-54.8	0.02	1000	-163
6.0	1.80	122.5	122.1	121.7	4.86	4.59	4.18	-46.0	-45.4	-54.0	0.02		
7.0	1.90	124.5	124.0	123.6	5.11	4.84	4.42	-49.3	-46.0	-53.5	0.02		
8.0	2.10	126.6	126.1	125.7	5.27	4.99	4.58	-50.5	-46.5	-52.5	0.02		
9.0	2.10	128.7	128.2	127.8	5.45	5.16	4.75	-49.7	-47.5	-51.7	0.01		
10.0	2.20	130.9	130.4	130.0	5.53	5.25	4.84	-47.9	-48.4	-51.6	0.00		
11.0	2.20	133.1	132.5	132.1	5.50	5.23	4.83	-46.1	-49.4	-50.4	0.01		
12.0	2.20	135.2	134.7	134.3	5.39	5.08	4.70	-44.6	-50.3	-49.8	0.01		
13.0	2.10	137.4	136.8	136.3	5.10	4.86	4.49	-43.3	-51.5	-49.0	0.00		
14.0	2.10	139.5	138.9	138.5	4.67	4.46	4.11	-42.1	-52.1	-48.6	0.00		
15.0	2.10	141.5	141.0	140.6	4.13	3.95	3.63	-40.9	-53.8	-47.9	0.01		
16.0	2.00	143.5	143.0	142.5	3.53	3.39	3.10	-39.9	-55.0	-47.4	0.03		

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