

Voltage Controlled Oscillator

ROS-ED13086/1

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			
0.00	12.05	1260.89	1258.74	1257.17	7.50	7.80	7.83	-27.67	-34.08	-43.85	0.05	1	-98
1.00	8.09	1270.22	1268.48	1267.28	7.88	8.26	8.30	-26.79	-33.14	-43.42	0.02	10	-125
2.00	7.01	1277.67	1276.02	1274.90	8.15	8.56	8.61	-26.28	-32.42	-41.63	0.01	100	-145
3.00	6.58	1284.44	1282.81	1281.73	8.37	8.78	8.80	-25.87	-31.67	-40.30	0.01	1000	-165
4.00	6.44	1290.95	1289.31	1288.24	8.61	9.02	9.04	-25.64	-30.82	-39.55	0.00		
5.00	6.45	1297.42	1295.75	1294.67	8.94	9.32	9.33	-25.72	-30.00	-39.46	0.00		
6.00	6.51	1303.94	1302.22	1301.13	9.38	9.71	9.71	-25.89	-29.58	-40.98	0.01		
7.00	6.54	1310.52	1308.74	1307.66	9.85	10.12	10.09	-26.65	-29.77	-45.70	0.00		
8.00	6.70	1317.11	1315.33	1314.28	10.24	10.39	10.33	-27.18	-32.05	-43.73	0.02		
9.00	6.55	1323.79	1322.04	1320.95	10.15	10.30	10.30	-27.19	-37.60	-41.41	0.05		
10.00	5.71	1330.15	1328.28	1327.14	10.11	10.43	10.44	-27.42	-41.67	-41.69	0.06		
11.00	4.55	1335.49	1333.52	1332.36	10.23	10.60	10.55	-27.96	-42.46	-43.20	0.07		
12.00	3.45	1339.65	1337.62	1336.42	10.35	10.73	10.62	-28.61	-42.70	-44.76	0.05		



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RF/IF MICROWAVE COMPONENTS



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