

Voltage Controlled Oscillator

ZOS-1025+

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	50.30	657.2	641.7	637.3	9.07	8.43	8.07	-31.4	-39.1	-31.1	0.51	10	-92
2.0	41.20	692.5	682.9	679.5	9.32	9.05	8.83	-43.8	-43.1	-28.4	-0.07	100	-112
3.0	30.80	722.7	713.7	710.0	9.21	9.54	9.42	-41.2	-39.0	-33.2	0.08	1000	-136
4.0	31.60	754.2	745.3	740.8	9.34	9.49	9.24	-33.5	-38.9	-45.5	0.60		
5.0	25.10	781.1	770.3	764.6	9.38	9.23	9.34	-31.0	-41.2	-50.4	-0.38		
6.0	22.40	804.8	792.7	786.0	9.41	9.46	9.24	-30.2	-41.9	-50.2	-0.42		
7.0	21.40	828.1	814.0	806.3	9.69	9.62	9.48	-29.7	-40.2	-55.7	-0.27		
8.0	19.70	850.0	833.8	826.0	9.87	9.76	9.43	-29.7	-35.0	-50.3	0.38		
9.0	23.60	867.5	857.4	851.2	10.12	9.94	9.43	-30.2	-31.4	-45.7	0.07		
10.0	29.40	897.2	886.8	879.8	9.95	10.05	9.53	-30.7	-30.8	-51.8	1.33		
11.0	27.30	925.4	914.1	906.6	9.45	9.55	8.91	-30.3	-30.8	-54.8	0.92		
12.0	24.30	950.7	938.3	930.4	9.37	9.22	8.61	-29.8	-30.3	-48.8	-0.05		
13.0	26.80	980.5	965.2	956.3	9.20	9.01	8.39	-30.2	-29.4	-49.4	-0.90		
14.0	31.20	1013.3	996.4	986.8	8.86	8.81	8.27	-30.7	-28.8	-45.3	-1.08		
15.0	29.90	1043.7	1026.3	1016.5	9.39	9.08	8.54	-31.0	-28.2	-43.0	-1.22		
16.0	27.90	1071.7	1054.1	1044.0	9.01	8.79	8.39	-32.6	-26.8	-38.1	-1.32		