

Voltage Controlled Oscillator

POS-ED5443A/2

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	24.20	712.8	706.8	698.7	11.90	11.91	11.24	-18.5	-28.5	-29.9	1.19	1	-72
2.0	20.70	733.8	727.5	719.2	11.89	11.95	11.59	-17.3	-33.1	-27.9	1.36	10	-94
3.0	20.30	753.9	747.8	739.4	12.07	12.13	11.81	-15.9	-38.3	-27.4	1.52	100	-114
4.0	19.60	773.4	767.4	759.7	12.38	12.43	11.97	-15.0	-36.5	-26.3	1.49	1000	-134
5.0	21.20	795.1	788.6	780.7	12.61	12.82	12.30	-13.9	-33.1	-25.1	1.53		
6.0	24.00	820.2	812.6	804.0	12.85	12.94	12.50	-13.0	-33.0	-23.3	1.70		
7.0	26.80	846.5	839.3	831.3	13.08	13.10	12.70	-12.1	-26.7	-23.2	1.89		
8.0	26.60	872.7	865.9	858.1	13.32	13.35	13.06	-11.4	-25.6	-22.7	2.01		
9.0	26.70	899.2	892.6	885.0	13.40	13.50	13.34	-11.1	-25.0	-21.1	2.12		
10.0	26.70	926.0	919.3	911.3	13.44	13.42	13.31	-10.5	-23.7	-19.5	2.28		
11.0	26.30	952.3	945.7	938.0	13.56	13.58	13.29	-10.2	-22.4	-19.4	2.22		
12.0	24.90	976.5	970.6	962.9	13.56	13.62	13.38	-10.1	-21.3	-20.0	2.14		
13.0	24.20	1000.5	994.8	986.4	13.45	13.35	13.21	-9.9	-21.3	-19.1	2.40		
14.0	24.20	1025.0	1019.0	1009.7	13.14	13.19	13.02	-9.9	-19.9	-18.4	2.53		
15.0	23.30	1048.9	1042.3	1031.8	13.14	13.15	13.10	-10.1	-18.1	-17.3	2.64		
16.0	21.10	1069.9	1063.3	1052.1	12.82	12.98	13.02	-10.9	-16.9	-16.4	2.66		
17.0	17.70	1088.0	1081.0	1069.5	12.69	12.86	12.78	-11.4	-15.5	-16.4	2.71		
18.0	16.00	1104.0	1097.0	1084.5	12.62	12.78	12.75	-11.7	-15.2	-17.7	3.16		
19.0	16.60	1119.7	1113.5	1098.1	12.52	12.64	12.72	-12.2	-14.8	-18.3	4.21		
20.0	20.10	1143.4	1133.6	1111.1	12.19	12.49	12.63	-13.3	-14.7	-19.3	4.80		