

Voltage Controlled Oscillator

POS-900W+

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			
2.0	43.09	494.9	485.6	475.9	8.84	7.94	6.67	-42.1	-29.7	-38.7	0.20	1	-75
4.0	29.77	555.2	547.9	541.4	6.46	6.91	6.81	-25.0	-31.7	-44.3	0.03	10	-95
6.0	30.79	615.2	609.4	602.6	6.79	7.76	7.44	-24.4	-32.2	-44.5	0.12	100	-115
8.0	30.60	677.6	670.6	662.1	7.60	8.43	7.91	-24.6	-30.8	-44.1	0.37	1000	-135
10.0	29.94	738.6	731.2	722.0	7.93	8.61	7.80	-24.9	-29.3	-39.3	0.49		
12.0	27.86	794.9	788.1	779.7	7.87	8.26	7.53	-24.8	-31.6	-35.1	0.36		
14.0	25.17	845.8	839.8	832.3	7.21	7.70	7.17	-25.4	-38.4	-35.4	0.23		
16.0	20.36	889.7	883.3	874.9	6.35	7.31	6.75	-26.5	-40.2	-37.8	0.58		
18.0	16.44	925.1	917.6	909.7	5.85	6.61	5.85	-27.9	-40.0	-35.0	0.54		
20.0	14.94	958.2	948.2	940.4	5.55	5.75	5.48	-29.2	-39.2	-34.3	0.30		

REV. X1
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