

Voltage Controlled Oscillator

ROS-928C-119+

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	25.07	875.5	872.5	868.0	10.07	9.60	9.15	-22.6	-31.6	-47.9	0.52	1	-88
0.30	21.83	882.7	879.8	875.5	10.33	9.81	9.40	-22.3	-30.9	-46.7	0.45	10	-117
0.50	20.33	887.1	884.3	880.0	10.39	9.86	9.46	-22.3	-30.6	-46.7	0.36	100	-138
0.75	19.29	892.2	889.4	885.2	10.44	9.91	9.52	-22.3	-30.1	-47.0	0.28	1000	-156
1.00	18.68	897.1	894.2	890.0	10.49	9.95	9.56	-22.3	-29.7	-47.0	0.24		
1.25	18.33	901.8	898.8	894.7	10.54	9.99	9.61	-22.2	-29.3	-47.7	0.21		
1.50	18.13	906.4	903.4	899.3	10.59	10.03	9.65	-22.1	-28.9	-48.3	0.19		
1.75	17.99	911.0	908.0	903.8	10.63	10.06	9.69	-22.1	-28.6	-49.0	0.18		
2.00	17.90	915.5	912.5	908.4	10.65	10.08	9.73	-22.1	-28.4	-48.8	0.17		
2.25	17.80	920.0	916.9	912.9	10.66	10.09	9.75	-22.0	-28.2	-49.4	0.18		
2.50	17.76	924.4	921.4	917.3	10.66	10.09	9.76	-21.9	-27.7	-50.8	0.19		
2.75	17.66	928.8	925.8	921.8	10.66	10.07	9.76	-21.9	-27.4	-52.2	0.20		
3.00	17.50	933.2	930.2	926.3	10.64	10.05	9.74	-21.9	-27.0	-53.7	0.23		
3.25	17.30	937.6	934.6	930.7	10.61	10.03	9.73	-22.0	-26.8	-55.4	0.25		
3.50	17.14	941.9	938.9	935.1	10.58	10.00	9.71	-21.9	-26.8	-58.0	0.27		
3.75	17.00	946.1	943.2	939.4	10.53	9.96	9.68	-21.8	-26.4	-61.9	0.29		
4.00	16.72	950.4	947.5	943.6	10.45	9.90	9.64	-21.9	-25.8	-64.5	0.32		
4.25	16.38	954.5	951.7	947.9	10.39	9.84	9.58	-21.8	-25.6	-66.1	0.34		
4.50	16.07	958.6	955.8	952.0	10.32	9.79	9.53	-21.8	-25.5	-62.0	0.35		
4.70	15.81	961.8	959.0	955.2	10.27	9.75	9.50	-21.7	-25.3	-58.0	0.37		
5.00	15.42	966.6	963.7	960.0	10.18	9.68	9.45	-21.7	-25.1	-52.8	0.38		
5.25	15.04	970.4	967.6	963.9	10.10	9.61	9.40	-21.8	-25.0	-50.7	0.39		
5.50	14.63	974.2	971.3	967.6	10.02	9.55	9.34	-21.9	-24.9	-50.9	0.39		
5.75	14.22	977.8	975.0	971.3	9.94	9.49	9.29	-22.0	-24.7	-50.7	0.39		
6.00	13.84	981.4	978.5	974.9	9.86	9.42	9.24	-22.0	-24.5	-49.7	0.39		

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