

Voltage Controlled Oscillator

ROS-3267+

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	17.53	3236.2	3232.2	3228.8	4.60	3.97	3.56	-14.33	-36.94	-44.46	0.86	1	-85
0.25	16.30	3240.4	3236.6	3233.3	4.63	4.00	3.60	-14.16	-36.92	-44.15	0.90	10	-111
0.50	15.60	3244.3	3240.7	3237.4	4.65	4.02	3.64	-14.12	-37.62	-43.83	0.93	100	-132
0.75	15.23	3248.1	3244.6	3241.4	4.67	4.05	3.67	-14.07	-37.64	-43.78	0.95	1000	-152
1.00	15.07	3251.9	3248.4	3245.2	4.68	4.08	3.71	-14.02	-37.52	-43.56	0.97		
1.25	15.05	3255.6	3252.1	3248.9	4.67	4.09	3.74	-14.17	-37.32	-43.89	0.98		
1.50	15.12	3259.3	3255.9	3252.7	4.67	4.10	3.77	-14.18	-36.91	-43.90	1.00		
1.75	15.28	3263.1	3259.7	3256.4	4.67	4.11	3.79	-14.17	-36.40	-44.10	1.01		
2.00	15.51	3266.9	3263.5	3260.2	4.68	4.14	3.81	-14.20	-36.87	-44.49	1.01		
2.25	15.81	3270.7	3267.4	3264.0	4.68	4.16	3.84	-14.26	-37.53	-44.32	1.02		
2.50	16.15	3274.7	3271.3	3268.0	4.69	4.18	3.87	-14.31	-37.82	-44.12	1.03		
2.75	16.51	3278.7	3275.4	3271.9	4.67	4.21	3.91	-14.36	-38.24	-43.84	1.04		
3.00	16.92	3282.8	3279.5	3276.0	4.64	4.22	3.95	-14.35	-38.48	-44.08	1.04		
3.25	17.37	3287.0	3283.7	3280.2	4.60	4.23	3.98	-14.36	-38.14	-44.15	1.04		
3.50	17.89	3291.4	3288.1	3284.5	4.55	4.23	4.00	-14.41	-37.14	-44.65	1.05		
3.75	18.42	3295.9	3292.5	3289.0	4.52	4.23	4.03	-14.52	-37.27	-44.48	1.05		
4.00	18.99	3300.5	3297.2	3293.5	4.49	4.22	4.05	-14.58	-38.11	-44.67	1.04		
4.25	19.54	3305.3	3301.9	3298.2	4.46	4.21	4.07	-14.68	-38.41	-44.91	1.04		
4.50	20.05	3310.2	3306.8	3303.0	4.44	4.21	4.08	-14.81	-38.59	-45.06	1.03		
4.75	20.50	3315.2	3311.8	3307.9	4.43	4.21	4.09	-14.93	-38.06	-45.02	1.01		
5.00	20.92	3320.3	3316.9	3313.0	4.41	4.21	4.11	-15.00	-38.06	-44.97	0.98		
5.25	21.26	3325.6	3322.2	3318.2	4.39	4.20	4.12	-15.08	-39.31	-45.27	0.95		
5.50	21.52	3331.0	3327.5	3323.4	4.37	4.18	4.12	-15.21	-39.92	-45.47	0.90		
5.75	21.54	3336.4	3332.8	3328.7	4.33	4.16	4.13	-15.33	-38.42	-45.54	0.84		
6.00	21.32	3341.9	3338.2	3334.0	4.29	4.13	4.12	-15.44	-39.00	-45.24	0.75		
6.25	20.84	3347.3	3343.6	3339.3	4.25	4.09	4.10	-15.42	-40.26	-45.36	0.64		
6.50	20.12	3352.6	3348.8	3344.4	4.22	4.05	4.08	-15.38	-40.45	-44.44	0.51		
6.75	19.18	3357.8	3353.8	3349.4	4.19	4.03	4.05	-15.43	-39.72	-44.13	0.38		
7.00	19.18	3362.7	3358.6	3354.1	4.16	4.01	4.04	-15.65	-38.96	-43.65	0.25		

