

# LTC5553

## Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	2600 -15.04	5200 -46.33	7800 -16.07	10400 -7.58	13000 -16.98
	1	1700 -32.50	900 0.00	3500 -33.59	6100 -10.28	8700 -39.79	11300 -20.48
	2	3400 -71.34	800 -68.63	1800 -72.40	4400 -66.60	7000 -72.07	9600 -64.58
	3	5100 -74.13	2500 -70.04	100 N/A	2700 -67.47	5300 -74.31	7900 -71.11
	4	6800 -71.93	4200 -74.74	1600 N/A	1000 N/A	3600 -74.87	6200 -74.87
	5	8500 -73.06	5900 -74.29	3300 -74.25	700 N/A	1900 N/A	4500 -74.36

**Notes:**

- Input Signal = 1700.00MHz @ -5.00dBm
- LO Signal = 2600.00MHz @ 0.00dBm
- Output Signal = 900.00MHz @ -16.25dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure

# LTC5553

## Sum Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	2600 -15.04	5200 -46.33	7800 -16.07	10400 -7.58	13000 -16.98
	1	1700 -32.50	4300 -0.09	6900 -36.96	9500 -13.63	12100 -46.94	14700 -28.37
	2	3400 -71.34	6000 -70.77	8600 -71.92	11200 -70.47	13800 -60.29	16400 -68.57
	3	5100 -74.13	7700 -70.29	10300 -73.64	12900 -71.71	15500 -69.10	18100 -69.77
	4	6800 -71.93	9400 -73.89	12000 -74.20	14600 -68.98	17200 -70.53	19800 -68.57
	5	8500 -73.06	11100 -73.20	13700 -69.94	16300 -69.08	18900 -70.42	21500 N/A

**Notes:**

- Input Signal = 1700.00MHz @ -5.00dBm
- LO Signal = 2600.00MHz @ 0.00dBm
- Output Signal = 900.00MHz @ -16.25dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure