

# LTC5553

## Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	7300 -13.41	14600 -10.67	21900 N/A	29200 N/A	36500 N/A
	1	1500 -31.84	5800 1.06	13100 -40.42	20400 N/A	27700 N/A	35000 N/A
	2	3000 -54.71	4300 -62.34	11600 -59.69	18900 -57.09	26200 N/A	33500 N/A
	3	4500 <-75	2800 -66.34	10100 <-75	17400 -66.43	24700 N/A	32000 N/A
	4	6000 <-75	1300 <-75	8600 <-75	15900 <-75	23200 N/A	30500 N/A
	5	7500 <-75	200 <-75	7100 <-75	14400 <-75	21700 N/A	29000 N/A

**Notes:**

- Input Signal = 1500.00MHz @ -5.00dBm
- LO Signal = 7300.00MHz @ 0.00dBm
- Output Signal = 8800.00MHz @ -13.69dBm
- 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)	7300 -13.41	14600 -10.67	21900 N/A	29200 N/A	36500 N/A
	1	1500 -31.84	8800 0.00	16100 -31.46	23400 N/A	30700 N/A	38000 N/A
	2	3000 -54.71	10300 <-75	17600 -64.89	24900 N/A	32200 N/A	39500 N/A
	3	4500 <-75	11800 -70.30	19100 <-75	26400 N/A	33700 N/A	41000 N/A
	4	6000 <-75	13300 <-75	20600 N/A	27900 N/A	35200 N/A	42500 N/A
	5	7500 <-75	14800 <-75	22100 N/A	29400 N/A	36700 N/A	44000 N/A

**Notes:**

- Input Signal = 1500.00MHz @ -5.00dBm
- LO Signal = 7300.00MHz @ 0.00dBm
- Output Signal = 8800.00MHz @ -13.69dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure