

# LTC5553

## Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	3500 -15.51	7000 -15.04	10500 -20.23	14000 -0.55	17500 -24.82
	1	2300 -31.08	1200 0.00	4700 N/A	8200 -73.86	11700 -73.45	15200 -71.92
	2	4600 N/A	1100 N/A	2400 N/A	5900 N/A	9400 -74.72	12900 -73.77
	3	6900 -73.57	3400 N/A	100 N/A	3600 -74.97	7100 -73.40	10600 -74.51
	4	9200 -74.57	5700 N/A	2200 N/A	1300 N/A	4800 N/A	8300 -74.17
	5	11500 -74.74	8000 -73.88	4500 N/A	1000 N/A	2500 N/A	6000 N/A

**Notes:**

- Input Signal = 2300.00MHz @ -5.00dBm
- LO Signal = 3500.00MHz @ 0.00dBm
- Output Signal = 1200.00MHz @ -15.05dBm
- 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)	3500 -15.51	7000 -15.04	10500 -20.23	14000 -0.55	17500 -24.82
	1	2300 -31.08	5800 -1.94	9300 N/A	12800 -74.15	16300 -70.43	19800 -69.64
	2	4600 N/A	8100 -74.06	11600 -74.81	15100 -71.70	18600 -71.70	22100 N/A
	3	6900 -73.57	10400 -74.24	13900 -70.87	17400 -71.87	20900 N/A	24400 N/A
	4	9200 -74.57	12700 -73.83	16200 -70.78	19700 -69.54	23200 N/A	26700 N/A
	5	11500 -74.74	15000 -70.73	18500 -72.00	22000 N/A	25500 N/A	29000 N/A

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- Input Signal = 2300.00MHz @ -5.00dBm
- LO Signal = 3500.00MHz @ 0.00dBm
- Output Signal = 1200.00MHz @ -15.05dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure