

# LTC5553

## Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	18300 -17.42	36600 N/A	54900 N/A	73200 N/A	91500 N/A
	1	3300 -26.22	15000 0.00	33300 N/A	51600 N/A	69900 N/A	88200 N/A
	2	6600 -45.25	11700 -48.61	30000 N/A	48300 N/A	66600 N/A	84900 N/A
	3	9900 -60.33	8400 -48.73	26700 N/A	45000 N/A	63300 N/A	81600 N/A
	4	13200 -66.40	5100 -72.17	23400 N/A	41700 N/A	60000 N/A	78300 N/A
	5	16500 -67.24	1800 -74.78	20100 N/A	38400 N/A	56700 N/A	75000 N/A

**Notes:**

- Input Signal = 3300.00MHz @ -5.00dBm
- LO Signal = 18300.00MHz @ 0.00dBm
- Output Signal = 15000.00MHz @ -18.41dBm
- 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)	18300 -17.42	36600 N/A	54900 N/A	73200 N/A	91500 N/A
	1	3300 -26.22	21600 N/A	39900 N/A	58200 N/A	76500 N/A	94800 N/A
	2	6600 -45.25	24900 N/A	43200 N/A	61500 N/A	79800 N/A	98100 N/A
	3	9900 -60.33	28200 N/A	46500 N/A	64800 N/A	83100 N/A	101400 N/A
	4	13200 -66.40	31500 N/A	49800 N/A	68100 N/A	86400 N/A	104700 N/A
	5	16500 -67.24	34800 N/A	53100 N/A	71400 N/A	89700 N/A	108000 N/A

### Notes:

- Input Signal = 3300.00MHz @ -5.00dBm
- LO Signal = 18300.00MHz @ 0.00dBm
- Output Signal = 15000.00MHz @ -18.41dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure