

# LTC5553

## Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	13000 3.58	26000 -12.31	39000 N/A	52000 N/A	65000 N/A
	1	16500 -19.15	3500 0.00	9500 -34.37	22500 -32.73	35500 N/A	48500 N/A
	2	33000 N/A	20000 -59.92	7000 -58.52	6000 -56.21	19000 -64.43	32000 N/A
	3	49500 N/A	36500 N/A	23500 -67.72	10500 -68.91	2500 -68.44	15500 -68.28
	4	66000 N/A	53000 N/A	40000 N/A	27000 N/A	14000 -68.50	1000 <-75
	5	82500 N/A	69500 N/A	56500 N/A	43500 N/A	30500 N/A	17500 -69.30

**Notes:**

- Input Signal = 16500.00MHz @ -5.00dBm
- LO Signal = 13000.00MHz @ 0.00dBm
- Output Signal = 3500.00MHz @ -17.62dBm
- 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)	13000 3.58	26000 -12.31	39000 N/A	52000 N/A	65000 N/A
	1	16500 -19.15	29500 N/A	42500 N/A	55500 N/A	68500 N/A	81500 N/A
	2	33000 N/A	46000 N/A	59000 N/A	72000 N/A	85000 N/A	98000 N/A
	3	49500 N/A	62500 N/A	75500 N/A	88500 N/A	101500 N/A	114500 N/A
	4	66000 N/A	79000 N/A	92000 N/A	105000 N/A	118000 N/A	131000 N/A
	5	82500 N/A	95500 N/A	108500 N/A	121500 N/A	134500 N/A	147500 N/A

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- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure