

LTC5553

Difference Spurs

		n x LO					
		0	1	2	3	4	5
m x IN	0	(MHz) (dBc)	13800 -7.94	27600 N/A	41400 N/A	55200 N/A	69000 N/A
	1	1000 -27.82	12800 0.49	26600 N/A	40400 N/A	54200 N/A	68000 N/A
	2	2000 -45.50	11800 -53.77	25600 N/A	39400 N/A	53200 N/A	67000 N/A
	3	3000 -55.59	10800 -54.96	24600 N/A	38400 N/A	52200 N/A	66000 N/A
	4	4000 <-75	9800 <-75	23600 N/A	37400 N/A	51200 N/A	65000 N/A
	5	5000 <-75	8800 <-75	22600 N/A	36400 N/A	50200 N/A	64000 N/A

Notes:

- Input Signal = 1000.00MHz @ -5.00dBm
- LO Signal = 13800.00MHz @ 0.00dBm
- Output Signal = 14800.00MHz @ -17.20dBm
- 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)	13800 -7.94	27600 N/A	41400 N/A	55200 N/A	69000 N/A
	1	1000 -27.82	14800 0.00	28600 N/A	42400 N/A	56200 N/A	70000 N/A
	2	2000 -45.50	15800 -48.41	29600 N/A	43400 N/A	57200 N/A	71000 N/A
	3	3000 -55.59	16800 -55.86	30600 N/A	44400 N/A	58200 N/A	72000 N/A
	4	4000 <-75	17800 <-75	31600 N/A	45400 N/A	59200 N/A	73000 N/A
	5	5000 <-75	18800 <-75	32600 N/A	46400 N/A	60200 N/A	74000 N/A

Notes:

- Input Signal = 1000.00MHz @ -5.00dBm
- LO Signal = 13800.00MHz @ 0.00dBm
- Output Signal = 14800.00MHz @ -17.20dBm
- All data in the table is in dBc relative to the output tone
- "N/A" tones are too high in frequency to accurately measure