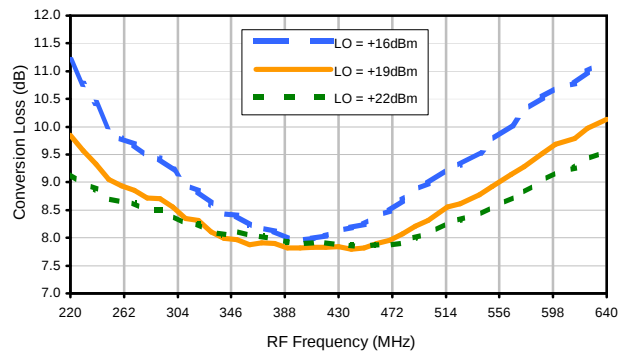
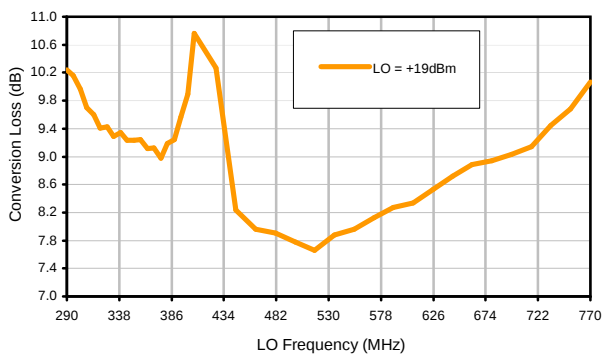


Typical Performance Curves

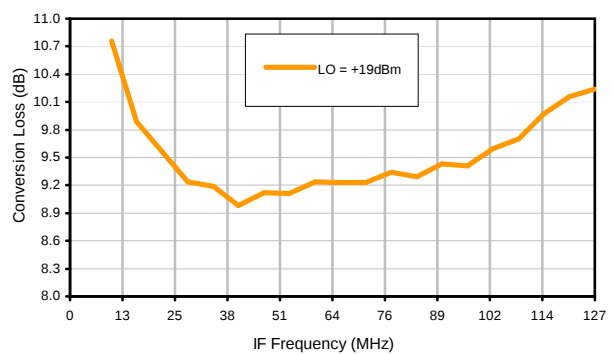
Conversion Loss @ IF=70MHz



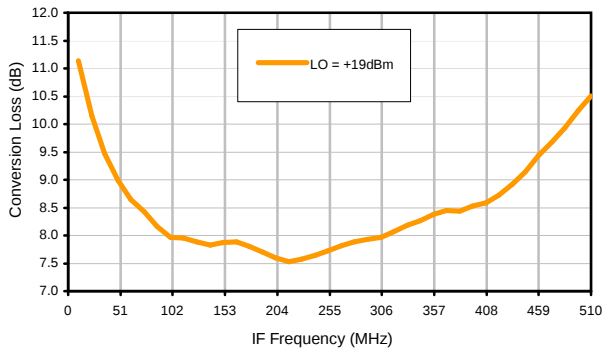
Conversion Loss vs. LO @ RF=417MHz



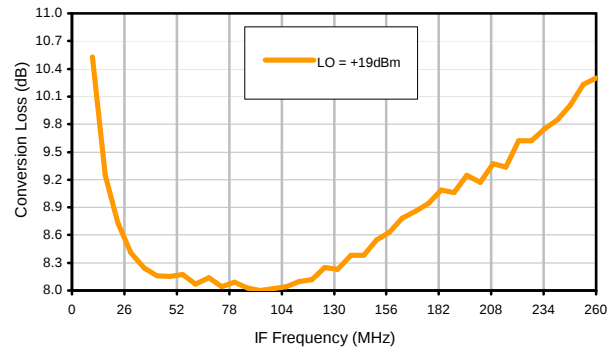
Conversion Loss vs. IF @ RF=417MHz



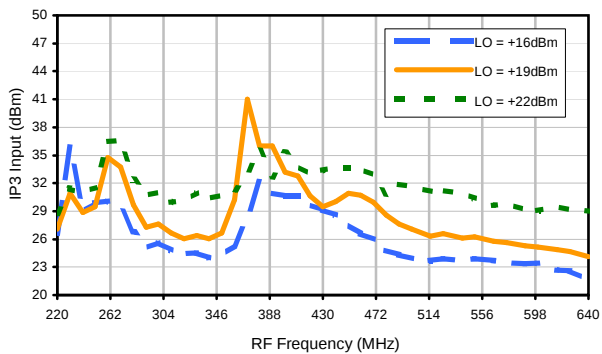
Conversion Loss vs. IF @ RF=300MHz



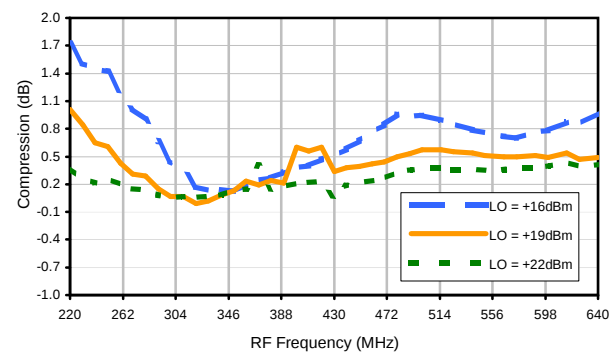
Conversion Loss vs. IF @ RF=544.1MHz



IP3 Input



Compression @ RF IN=+19dBm



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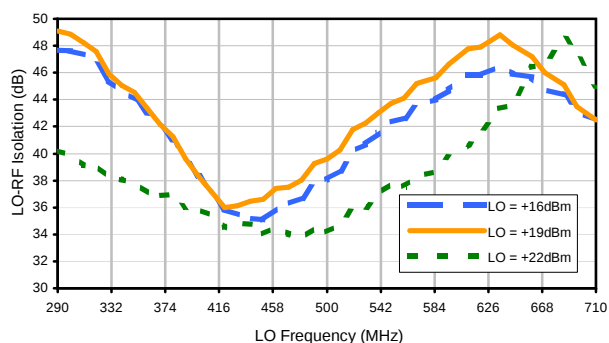


The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

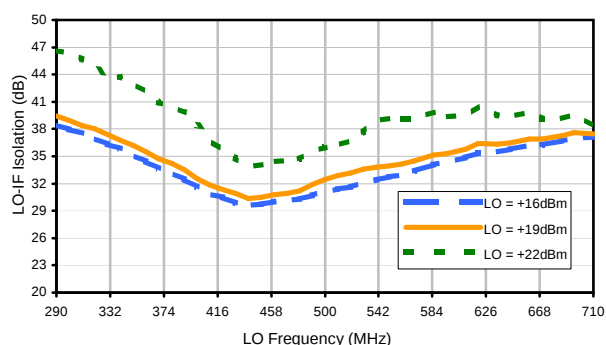


Typical Performance Curves

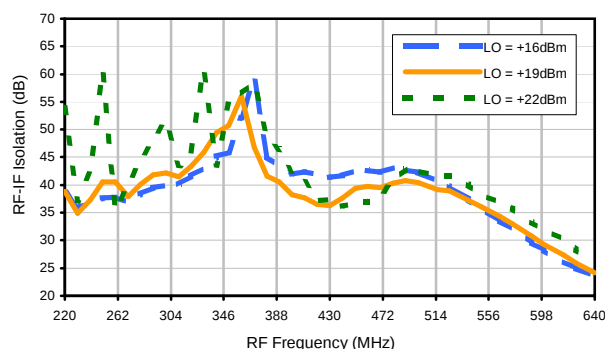
LO-RF Isolation



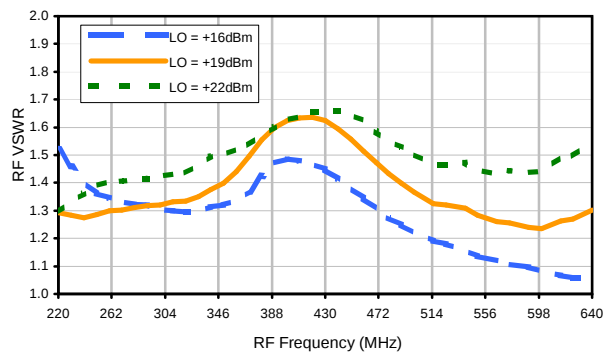
LO-IF Isolation



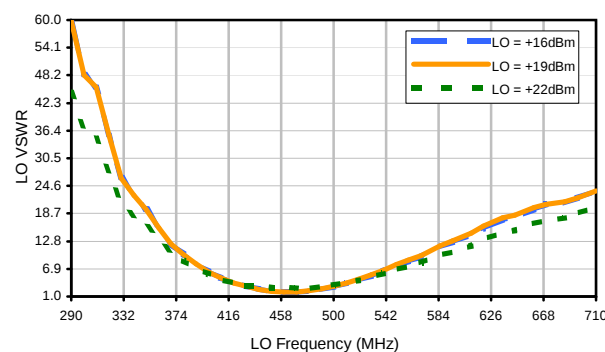
RF-IF Isolation



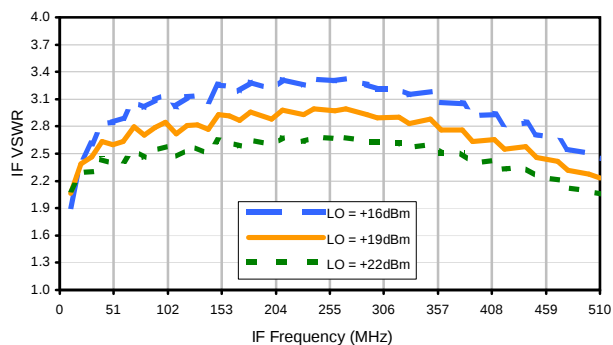
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	10	12	43	25	30	28	36	36	50
1	-	33	+0	32	10	30	18	36	22	42	31	53
2	63	64	56	58	63	62	53	60	68	69	68	67
3	>90	>82	69	78	73	79	68	76	69	78	75	78
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	81	81	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 417 MHz; 0.00 dBm.
LO IN: 487 MHz; +19.00 dBm
IF OUT: 70 MHz; -7.94 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	21	22	53	38	40	39	41	49	53
1	-	34	+0	32	10	31	18	37	23	44	32	61
2	43	57	47	47	55	54	43	51	56	60	57	57
3	70	68	49	59	52	59	47	57	48	58	55	59
4	>90	79	70	76	70	71	72	80	72	81	69	79
5	>90	90	75	>92	73	79	76	80	78	77	76	79
6	>90	>92	86	89	91	>92	90	>92	87	88	91	>92
7	>90	>92	>92	>92	>92	>92	>92	90	91	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 417 MHz; 10.00 dBm.
LO IN: 487 MHz; +19.00 dBm
IF OUT: 70 MHz; 2.03 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.

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