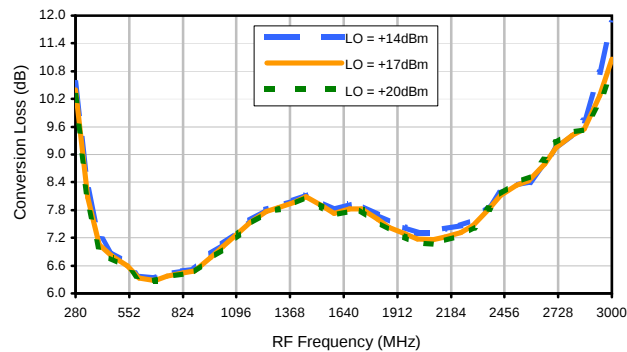
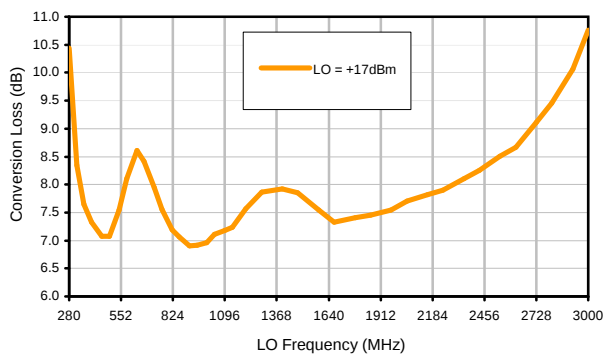


Typical Performance Curves

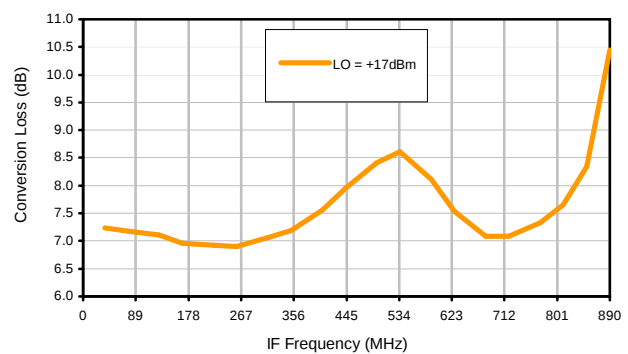
Conversion Loss @ IF=30MHz



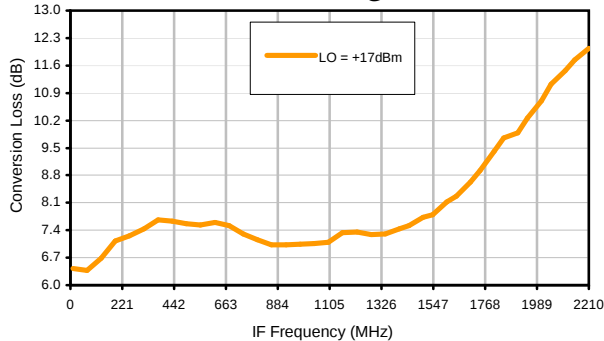
Conversion Loss vs. LO @ RF=1170MHz



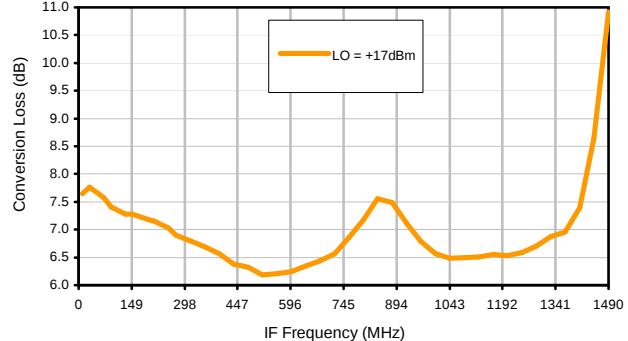
Conversion Loss vs. IF @ RF=1170MHz



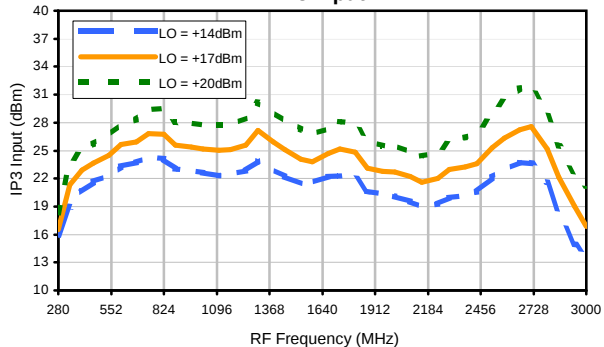
Conversion Loss vs. IF @ RF=585.2MHz



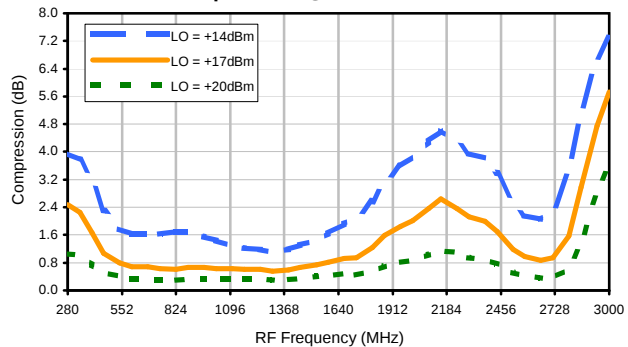
Conversion Loss vs. IF @ RF=1758.5MHz



IP3 Input



Compression @ RF IN=+17dBm



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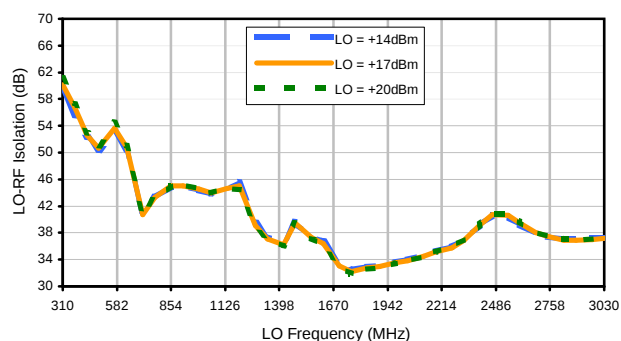


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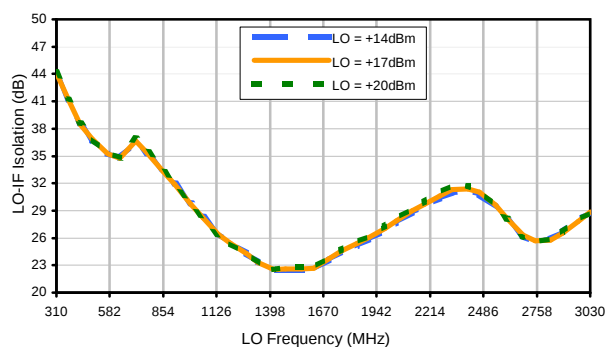


Typical Performance Curves

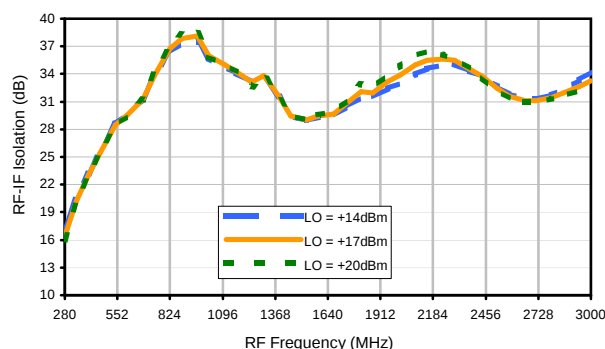
LO-RF Isolation



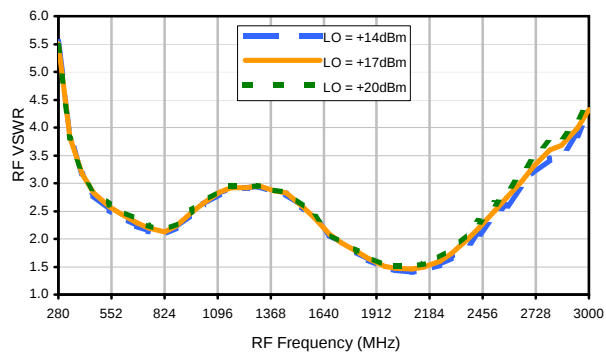
LO-IF Isolation



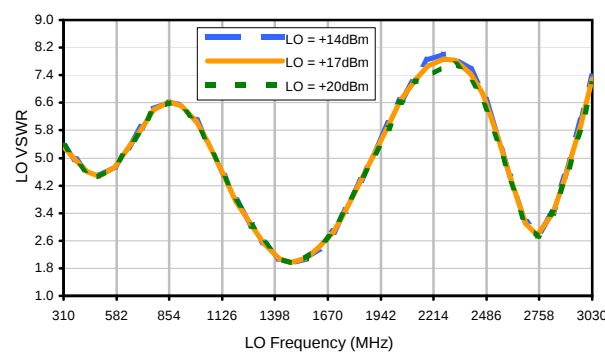
RF-IF Isolation



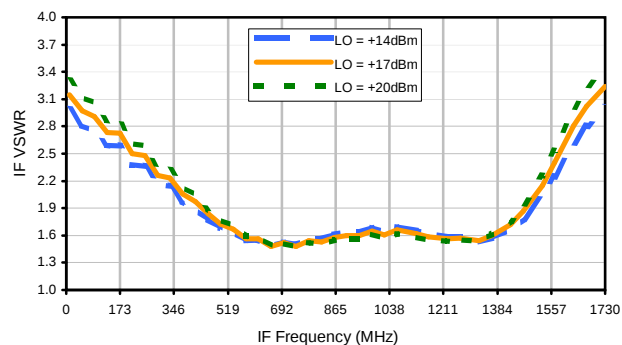
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	29	18	27	25	44	30	42	41	40
1	-	28	+0	35	18	45	29	49	31	36	33	47
2	63	64	54	59	65	57	57	58	58	61	59	65
3	>90	>82	60	73	58	72	61	80	65	77	65	67
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	>82	>82	>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: 1170 MHz; 0.00 dBm.
LO IN: 1200 MHz; +17.00 dBm
IF OUT: 30 MHz; -7.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	36	28	41	36	46	45	49	61	51
1	-	28	+0	37	19	46	30	51	33	39	36	53
2	44	56	45	51	52	48	50	51	53	54	56	59
3	67	65	42	56	40	56	44	64	48	63	49	53
4	89	77	70	69	68	64	70	68	70	69	67	74
5	>90	79	70	81	65	71	62	74	63	76	64	74
6	>90	89	86	>92	88	90	82	83	89	86	85	84
7	>90	>92	90	>92	87	>92	81	85	78	88	79	90
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: 1170 MHz; 10.00 dBm.
LO IN: 1200 MHz; +17.00 dBm
IF OUT: 30 MHz; 2.01 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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