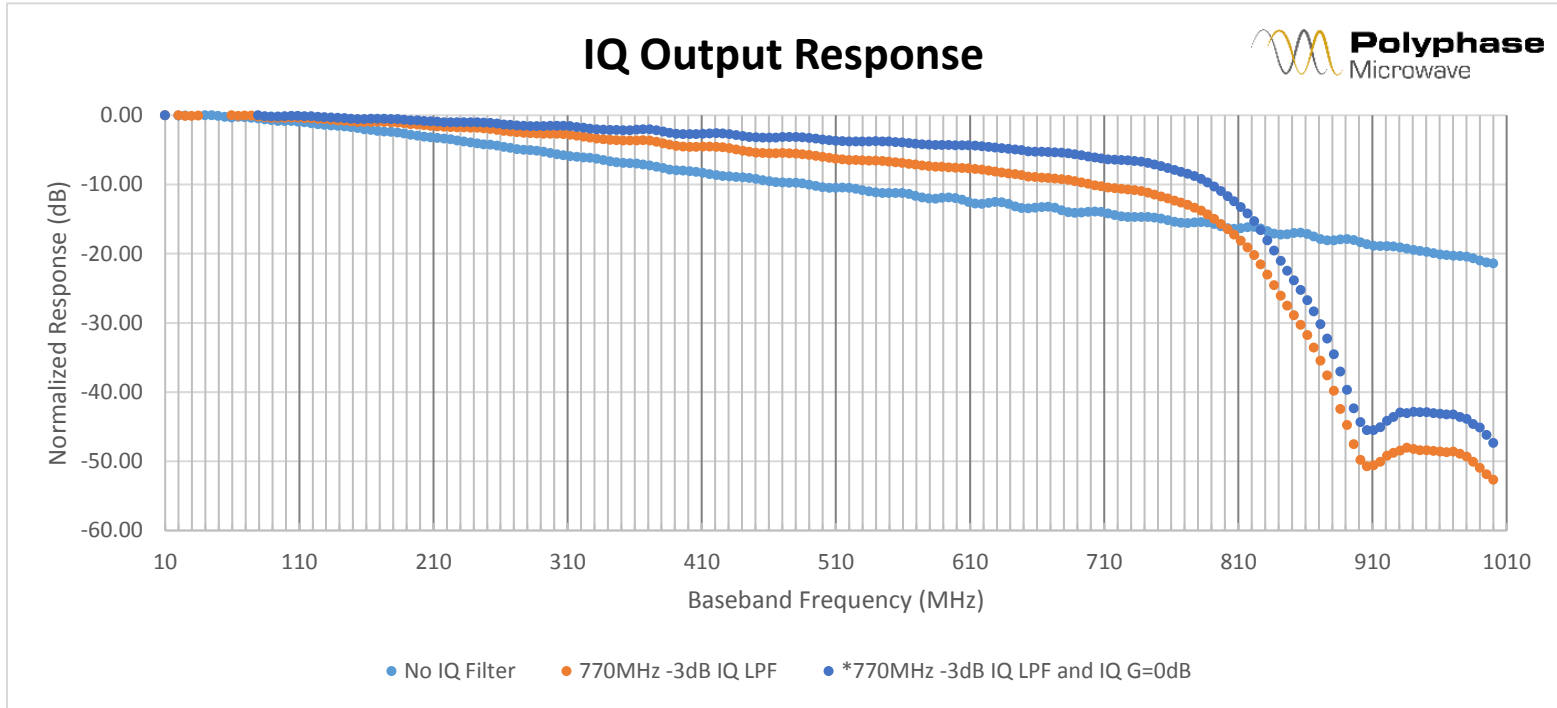


PN AD0540B  
LO freq [MHz] 1850  
LO Pwr [dBm] 0  
RF Pwr [dBm] 0  
Freq Step Size [MHz] 4.9500



\* This configuration results in an additional -5dB loss for the modulator overall conversion loss

Baseband Freq (MHz)	Normalized Response[dB] For Configuration:		
	No IQ Filter	770MHz -3dB IQ LPF	*770MHz -3dB IQ LPF and IQ G=0dB
10.00	0.00	0.00	0.00
14.95	0.12	0.15	0.18
19.90	-0.05	0.00	0.10
24.85	-0.04	-0.08	0.02

Data Set: *770MHz -3dB IQ LPF and IQ G=0dB				
Attenuation Point [dB]	-1	-2	-3	-20
Frequency [MHz]	218	332	441	837

29.80	0.09	-0.08	0.01
34.75	0.05	-0.08	0.02
39.70	-0.03	0.10	0.20
44.65	-0.03	0.07	0.17
49.60	-0.11	0.01	0.13
54.55	-0.24	0.01	0.14
59.50	-0.31	-0.02	0.09
64.45	-0.25	-0.10	0.04
69.40	-0.28	-0.06	0.09
74.35	-0.38	-0.07	0.10
79.30	-0.47	-0.19	-0.03
84.25	-0.59	-0.31	-0.13
89.20	-0.69	-0.39	-0.19
94.15	-0.82	-0.40	-0.19
99.10	-0.86	-0.40	-0.17
104.05	-0.85	-0.33	-0.09
109.00	-0.92	-0.36	-0.10
113.95	-1.03	-0.41	-0.14
118.90	-1.18	-0.44	-0.17
123.85	-1.30	-0.51	-0.22
128.80	-1.40	-0.57	-0.27
133.75	-1.50	-0.65	-0.32
138.70	-1.55	-0.73	-0.38
143.65	-1.61	-0.80	-0.44
148.60	-1.72	-0.87	-0.50
153.55	-1.87	-0.97	-0.57
158.50	-2.04	-0.97	-0.54
163.45	-2.15	-0.97	-0.54
168.40	-2.27	-0.96	-0.51
173.35	-2.36	-0.98	-0.51
178.30	-2.42	-1.04	-0.55
183.25	-2.50	-1.10	-0.58
188.20	-2.65	-1.18	-0.64
193.15	-2.83	-1.29	-0.73

198.10	-2.98	-1.36	-0.76
203.05	-3.10	-1.45	-0.84
208.00	-3.18	-1.53	-0.90
212.95	-3.30	-1.62	-0.96
217.90	-3.38	-1.69	-1.01
222.85	-3.48	-1.74	-1.03
227.80	-3.65	-1.75	-1.02
232.75	-3.81	-1.78	-1.02
237.70	-3.96	-1.80	-1.02
242.65	-4.10	-1.84	-1.02
247.60	-4.22	-1.90	-1.06
252.55	-4.27	-2.00	-1.13
257.50	-4.41	-2.12	-1.23
262.45	-4.57	-2.26	-1.33
267.40	-4.75	-2.36	-1.40
272.35	-4.89	-2.47	-1.48
277.30	-5.01	-2.55	-1.55
282.25	-5.06	-2.62	-1.58
287.20	-5.14	-2.66	-1.59
292.15	-5.26	-2.68	-1.57
297.10	-5.45	-2.68	-1.54
302.05	-5.63	-2.69	-1.52
307.00	-5.80	-2.74	-1.55
311.95	-5.92	-2.83	-1.60
316.90	-6.02	-2.98	-1.72
321.85	-6.09	-3.13	-1.83
326.80	-6.17	-3.26	-1.93
331.75	-6.29	-3.38	-2.03
336.70	-6.47	-3.47	-2.08
341.65	-6.67	-3.56	-2.14
346.60	-6.82	-3.61	-2.15
351.55	-6.88	-3.68	-2.19
356.50	-6.94	-3.68	-2.17
361.45	-7.00	-3.65	-2.10

366.40	-7.12	-3.62	-2.03
371.35	-7.28	-3.67	-2.05
376.30	-7.47	-3.83	-2.18
381.25	-7.62	-4.06	-2.35
386.20	-7.86	-4.28	-2.55
391.15	-7.95	-4.45	-2.69
396.10	-8.03	-4.53	-2.74
401.05	-8.10	-4.58	-2.75
406.00	-8.19	-4.58	-2.72
410.95	-8.34	-4.56	-2.67
415.90	-8.50	-4.56	-2.64
420.85	-8.64	-4.56	-2.60
425.80	-8.78	-4.62	-2.63
430.75	-8.86	-4.77	-2.74
435.70	-8.92	-4.95	-2.87
440.65	-8.98	-5.12	-3.02
445.60	-9.07	-5.28	-3.14
450.55	-9.21	-5.40	-3.22
455.50	-9.38	-5.46	-3.26
460.45	-9.55	-5.49	-3.25
465.40	-9.65	-5.51	-3.22
470.35	-9.72	-5.48	-3.17
475.30	-9.75	-5.49	-3.13
480.25	-9.79	-5.54	-3.16
485.20	-9.88	-5.63	-3.20
490.15	-10.03	-5.73	-3.28
495.10	-10.24	-5.87	-3.38
500.05	-10.42	-6.03	-3.51
505.00	-10.51	-6.17	-3.61
509.95	-10.51	-6.30	-3.70
514.90	-10.48	-6.40	-3.77
519.85	-10.51	-6.46	-3.80
524.80	-10.63	-6.51	-3.80
529.75	-10.81	-6.53	-3.79

534.70	-11.01	-6.55	-3.79
539.65	-11.16	-6.59	-3.77
544.60	-11.24	-6.62	-3.79
549.55	-11.26	-6.70	-3.82
554.50	-11.24	-6.79	-3.87
559.45	-11.26	-6.89	-3.95
564.40	-11.40	-7.02	-4.04
569.35	-11.65	-7.15	-4.14
574.30	-11.89	-7.27	-4.22
579.25	-12.05	-7.37	-4.28
584.20	-12.06	-7.45	-4.32
589.15	-11.95	-7.47	-4.31
594.10	-11.88	-7.53	-4.32
599.05	-11.97	-7.58	-4.34
604.00	-12.24	-7.62	-4.35
608.95	-12.55	-7.68	-4.36
613.90	-12.78	-7.77	-4.42
618.85	-12.82	-7.87	-4.49
623.80	-12.68	-7.99	-4.58
628.75	-12.54	-8.13	-4.68
633.70	-12.58	-8.27	-4.77
638.65	-12.83	-8.41	-4.88
643.60	-13.17	-8.54	-4.97
648.55	-13.42	-8.64	-5.04
653.50	-13.49	-8.87	-5.24
658.45	-13.40	-8.95	-5.28
663.40	-13.28	-9.02	-5.30
668.35	-13.24	-9.08	-5.33
673.30	-13.39	-9.15	-5.37
678.25	-13.73	-9.24	-5.42
683.20	-14.02	-9.35	-5.51
688.15	-14.11	-9.51	-5.63
693.10	-14.08	-9.72	-5.78
698.05	-13.98	-9.91	-5.95

703.00	-13.93	-10.12	-6.12
707.95	-14.00	-10.30	-6.26
712.90	-14.19	-10.44	-6.37
717.85	-14.42	-10.56	-6.45
722.80	-14.62	-10.65	-6.50
727.75	-14.73	-10.73	-6.54
732.70	-14.74	-10.83	-6.60
737.65	-14.72	-10.99	-6.73
742.60	-14.71	-11.20	-6.91
747.55	-14.79	-11.46	-7.13
752.50	-14.95	-11.75	-7.38
757.45	-15.19	-12.05	-7.65
762.40	-15.41	-12.34	-7.91
767.35	-15.54	-12.65	-8.17
772.30	-15.58	-12.97	-8.46
777.25	-15.51	-13.35	-8.79
782.20	-15.44	-13.80	-9.21
787.15	-15.51	-14.36	-9.72
792.10	-15.75	-15.01	-10.31
797.05	-16.07	-15.73	-10.99
802.00	-16.34	-16.47	-11.71
806.95	-16.43	-17.27	-12.47
811.90	-16.35	-18.13	-13.27
816.85	-16.20	-19.09	-14.23
821.80	-16.16	-20.23	-15.31
826.75	-16.36	-21.56	-16.63
831.70	-16.75	-23.05	-18.10
836.65	-17.10	-24.58	-19.57
841.60	-17.26	-26.10	-21.06
846.55	-17.20	-27.53	-22.47
851.50	-17.03	-28.93	-23.87
856.45	-16.97	-30.32	-25.24
861.40	-17.14	-31.80	-26.73
866.35	-17.52	-33.57	-28.36

871.30	-17.89	-35.47	-30.20
876.25	-18.11	-37.63	-32.30
881.20	-18.09	-39.82	-34.54
886.15	-17.95	-42.48	-37.04
891.10	-17.89	-44.79	-39.67
896.05	-18.04	-47.52	-42.35
901.00	-18.35	-49.79	-44.34
905.95	-18.65	-50.75	-45.52
910.90	-18.85	-50.61	-45.50
915.85	-18.92	-50.08	-45.08
920.80	-18.93	-49.22	-44.16
925.75	-18.97	-48.78	-43.60
930.70	-19.10	-48.47	-42.97
935.65	-19.28	-48.07	-43.04
940.60	-19.47	-48.22	-42.89
945.55	-19.63	-48.40	-42.91
950.50	-19.77	-48.43	-42.90
955.45	-19.94	-48.52	-43.04
960.40	-20.11	-48.63	-43.17
965.35	-20.24	-48.68	-43.23
970.30	-20.31	-48.61	-43.25
975.25	-20.35	-48.92	-43.61
980.20	-20.45	-49.34	-43.89
985.15	-20.67	-50.09	-44.61
990.10	-20.99	-50.94	-45.14
995.05	-21.28	-51.88	-46.19
1000.00	-21.42	-52.67	-47.37