

Audio Frequency Response per 2.987(a)

Constant Input Level of -20 dBm

Frequency Deviation

Hz	kHz
100	2.9
200	3.2
300	5.7
350	5.8
400	5.5
500	4.7
600	4.1
700	3.7
800	3.3
900	3.1
1000	3.0
1500	2.5
2000	2.0
2500	1.5
5000	0.4

Modulation Limiting per 2.987(b)

Frequency input Level Deviation necessary Bandwidth

Hz	dBm	kHz	kHz
300	-50	2.4	5.4
300	-40	5.5	11.6
300	-30	5.7	12.0
300	-20	5.7	12.0
300	-10	5.7	12.0
300	0	5.8	12.2
350	-50	2.5	5.7
350	-40	5.6	11.9
350	-30	5.7	12.1
350	-20	5.8	12.3
350	-10	5.8	12.3
350	0	5.8	12.3
1000	-50	3.0	8.0
1000	-40	3.0	8.0
1000	-30	3.0	8.0
1000	-20	3.0	8.0
1000	-10	3.0	8.0
1000	0	3.0	8.0
2500	-50	1.3	7.6
2500	-40	1.5	8.0
2500	-30	1.5	8.0

2500	-20	1.5	8.0
2500	-10	1.5	8.0
2500	0	1.5	8.0
5000	-50	0.3	10.6
5000	-40	0.4	10.8
5000	-30	0.4	10.8
5000	-20	0.4	10.8
5000	-10	0.4	10.8
5000	0	0.4	10.8