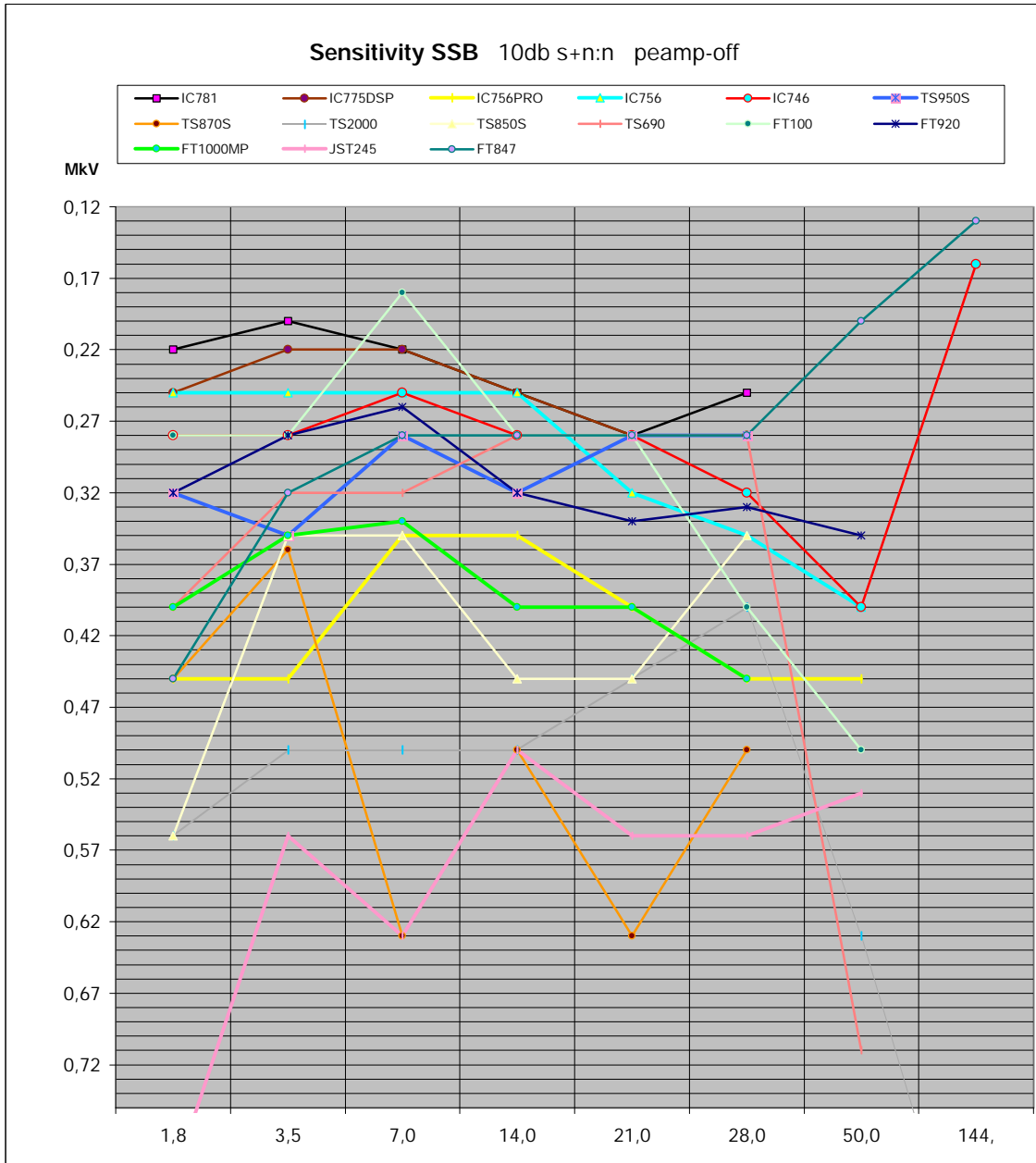


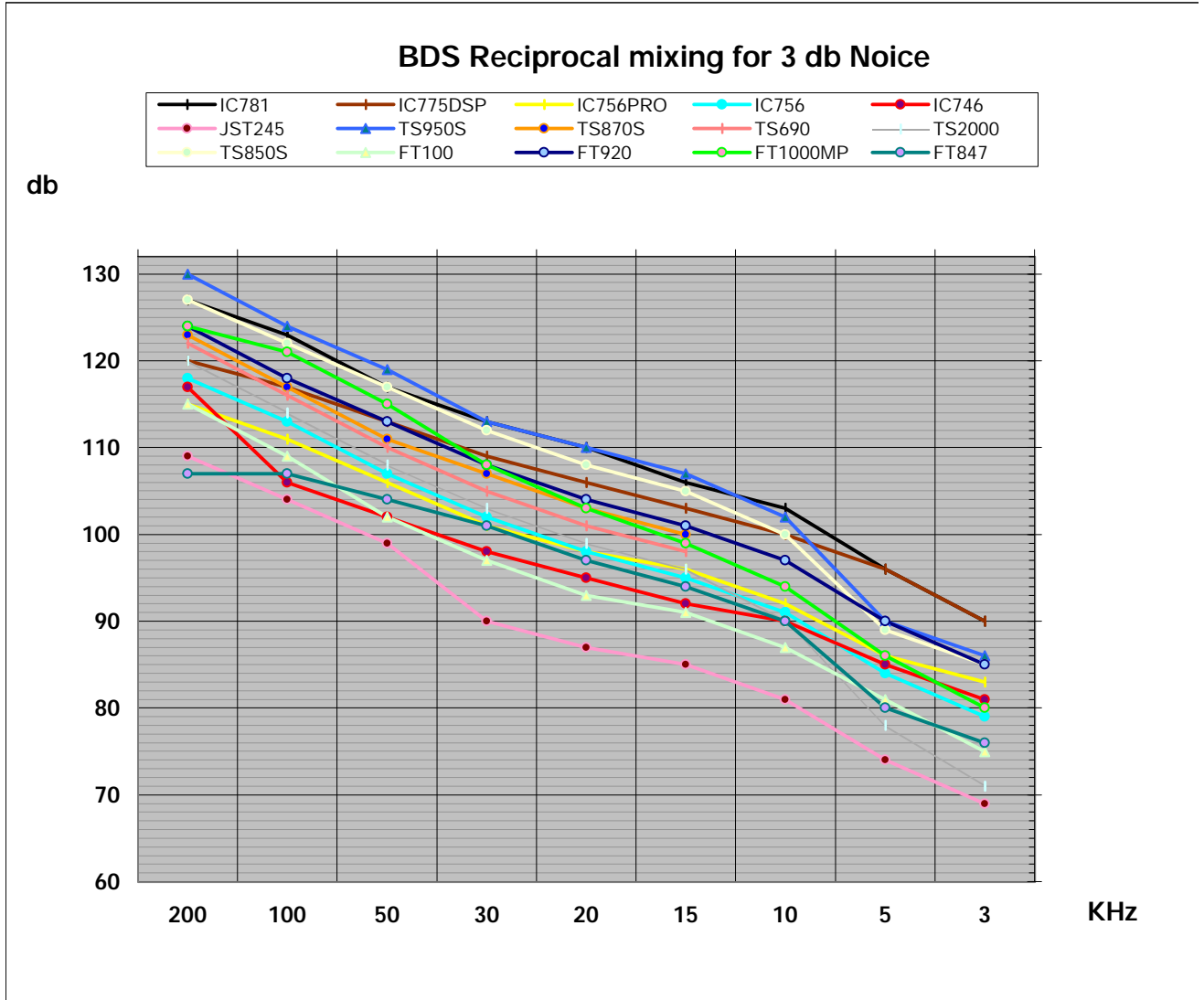
This information is based on materials,
published in `Peter J. Hart Review`,
Radio communication magazines, RSGB.
Author Peter J. Hart (G3SJX) .

Designed by UU2JJ, UR7QR.

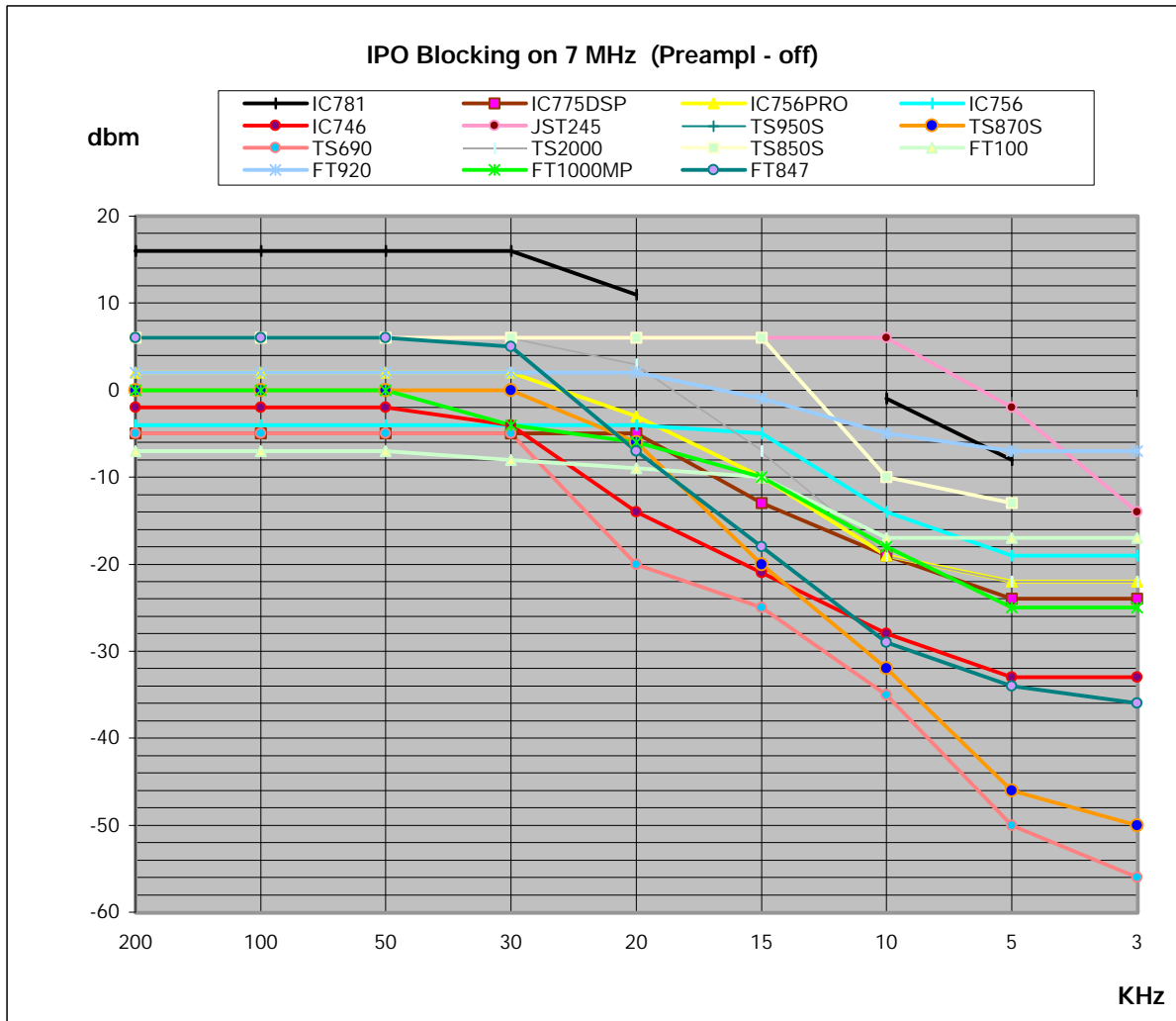
| Band | MkV | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|------|-----|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 1,8 | | 0,22 | 0,25 | 0,45 | 0,25 | 0,28 | 0,8 | 0,32 | 0,45 | 0,4 | 0,56 | 0,56 | 0,28 | 0,32 | 0,4 | 0,45 |
| 3,5 | | 0,2 | 0,22 | 0,45 | 0,25 | 0,28 | 0,56 | 0,35 | 0,36 | 0,32 | 0,5 | 0,35 | 0,28 | 0,28 | 0,35 | 0,32 |
| 7 | | 0,22 | 0,22 | 0,35 | 0,25 | 0,25 | 0,63 | 0,28 | 0,63 | 0,32 | 0,5 | 0,35 | 0,18 | 0,26 | 0,34 | 0,28 |
| 14 | | 0,25 | 0,25 | 0,35 | 0,25 | 0,28 | 0,5 | 0,32 | 0,5 | 0,28 | 0,5 | 0,45 | 0,28 | 0,32 | 0,4 | 0,28 |
| 21 | | 0,28 | 0,28 | 0,4 | 0,32 | 0,28 | 0,56 | 0,28 | 0,63 | 0,28 | 0,45 | 0,45 | 0,28 | 0,34 | 0,4 | 0,28 |
| 28 | | 0,25 | 0,28 | 0,45 | 0,35 | 0,32 | 0,56 | 0,28 | 0,5 | 0,28 | 0,4 | 0,35 | 0,4 | 0,33 | 0,45 | 0,28 |
| 50 | | | | 0,45 | 0,4 | 0,4 | 0,53 | | | 0,71 | 0,63 | | 0,5 | 0,35 | | 0,2 |
| 144 | | | | | 0,16 | | | | | | 0,9 | | | | | 0,13 |
| 432 | | | | | | | | | | | 0,56 | | | | | 0,14 |



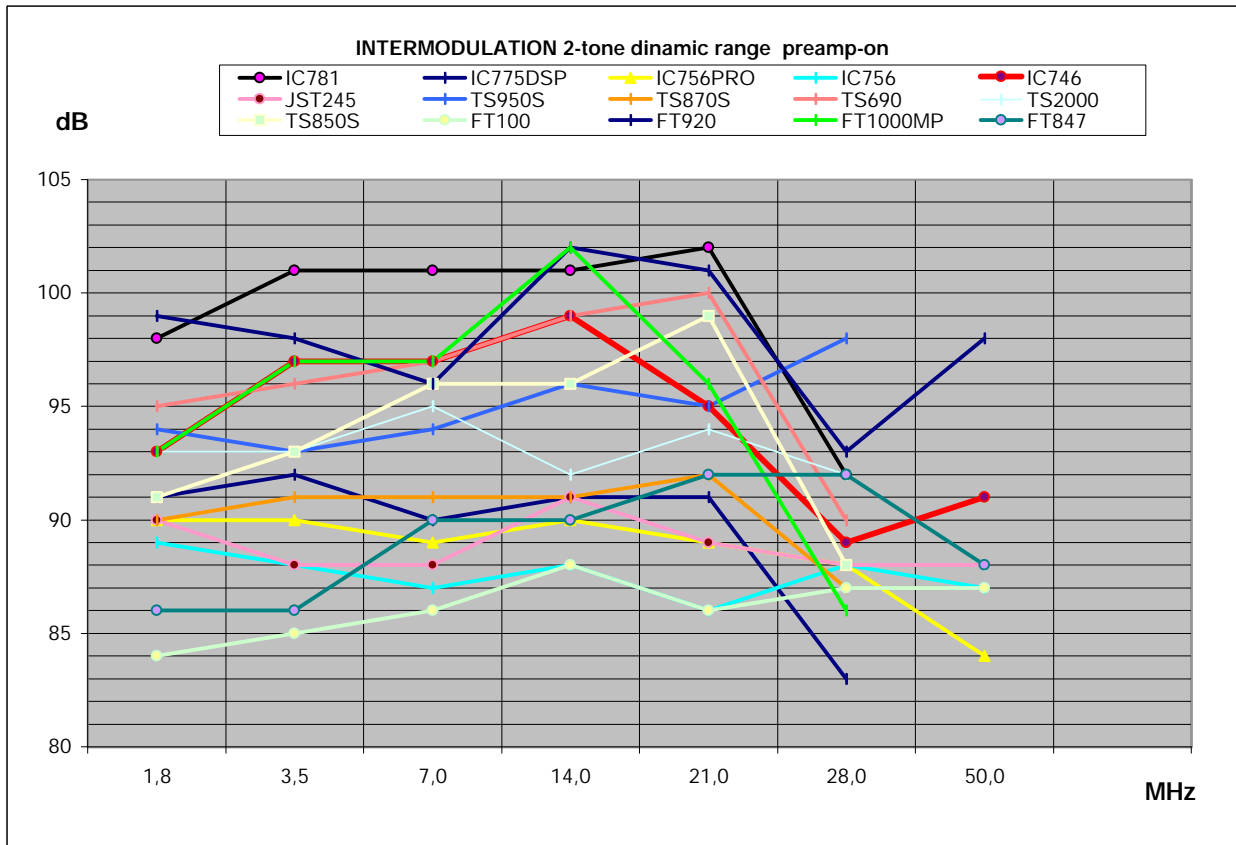
| kHz | dB | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|-----|----|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 3 | | 90 | 90 | 83 | 79 | 81 | 69 | 86 | | | 71 | 85 | 75 | 85 | 80 | 76 |
| 5 | | 96 | 96 | 86 | 84 | 85 | 74 | 90 | | | 78 | 89 | 81 | 90 | 86 | 80 |
| 10 | | 103 | 100 | 92 | 91 | 90 | 81 | 102 | | | 90 | 100 | 87 | 97 | 94 | 90 |
| 15 | | 106 | 103 | 96 | 95 | 92 | 85 | 107 | 100 | 98 | 96 | 105 | 91 | 101 | 99 | 94 |
| 20 | | 110 | 106 | 98 | 98 | 95 | 87 | 110 | 103 | 101 | 99 | 108 | 93 | 104 | 103 | 97 |
| 30 | | 113 | 109 | 101 | 102 | 98 | 90 | 113 | 107 | 105 | 103 | 112 | 97 | 108 | 108 | 101 |
| 50 | | 117 | 113 | 106 | 107 | 102 | 99 | 119 | 111 | 110 | 108 | 117 | 102 | 113 | 115 | 104 |
| 100 | | 123 | 117 | 111 | 113 | 106 | 104 | 124 | 117 | 116 | 114 | 122 | 109 | 118 | 121 | 107 |
| 200 | | 127 | 120 | 115 | 118 | 117 | 109 | 130 | 123 | 122 | 120 | 127 | 115 | 124 | 124 | 107 |



| kHz | dBm | IC781 | IC775DSP | IC756PRO | IC756 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|-----|-----|-------|----------|----------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 3 | | | -24 | -22 | -19 | -33 | -14 | -50 | -56 | -22 | | -17 | -7 | -25 | -36 |
| 5 | | -8 | -24 | -22 | -19 | -33 | -2 | -46 | -50 | -22 | -13 | -17 | -7 | -25 | -34 |
| 10 | | -1 | -19 | -19 | -14 | -28 | 6 | -32 | -35 | -19 | -10 | -17 | -5 | -18 | -29 |
| 15 | | | -13 | -10 | -5 | -21 | 6 | -20 | -25 | -7 | 6 | -10 | -1 | -10 | -18 |
| 20 | | 11 | -5 | -3 | -4 | -14 | 6 | -6 | -20 | 3 | 6 | -9 | 2 | -6 | -7 |
| 30 | | 16 | -5 | 2 | -4 | -4 | 6 | 0 | -5 | 6 | 6 | -8 | 2 | -4 | 5 |
| 50 | | 16 | -5 | 2 | -4 | -2 | 6 | 0 | -5 | 6 | 6 | -7 | 2 | 0 | 6 |
| 100 | | 16 | -5 | 2 | -4 | -2 | 6 | 0 | -5 | 6 | 6 | -7 | 2 | 0 | 6 |
| 200 | | 16 | -5 | 2 | -4 | -2 | 6 | 0 | -5 | 6 | 6 | -7 | 2 | 0 | 6 |

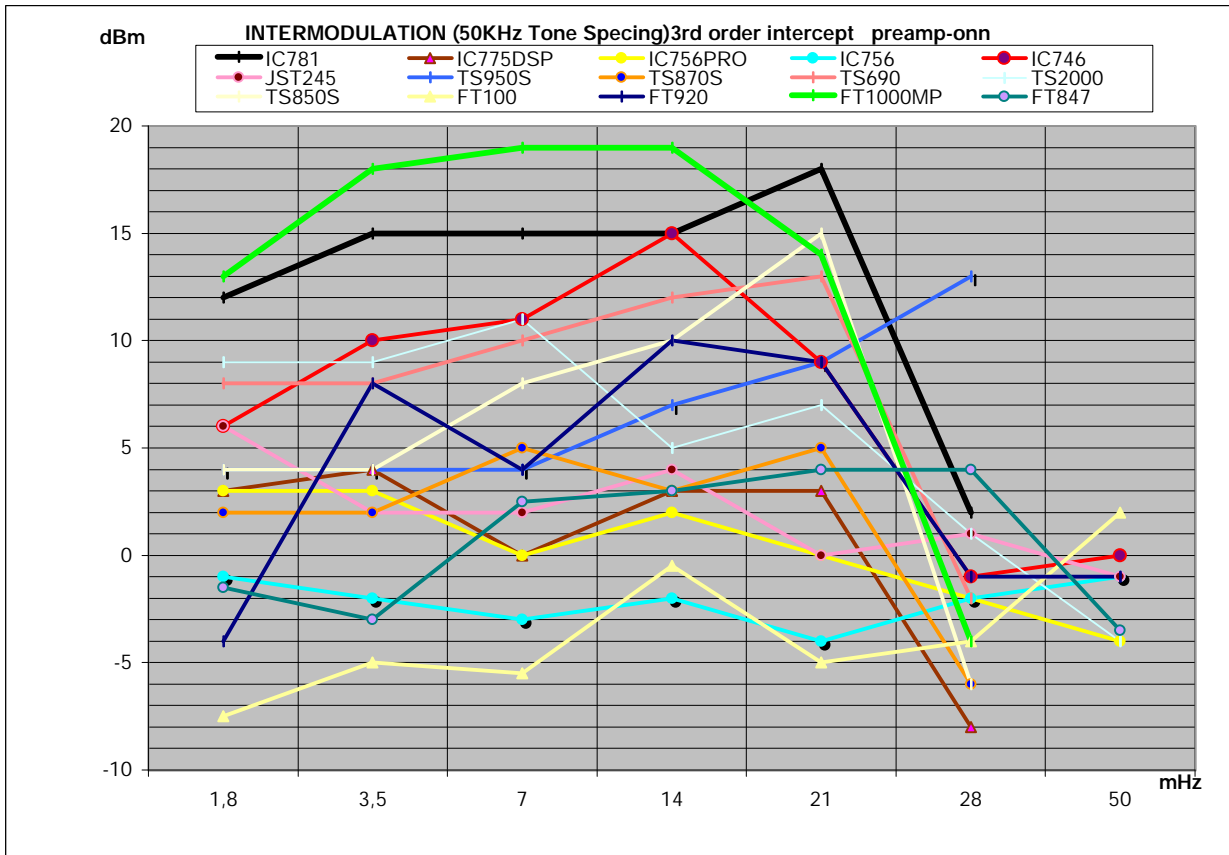


| Band dB | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|---------|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 1,8 | 98 | 91 | 90 | 89 | 93 | 90 | 94 | 90 | 95 | 93 | 91 | 84 | 99 | 93 | 86 |
| 3,5 | 101 | 92 | 90 | 88 | 97 | 88 | 93 | 91 | 96 | 93 | 93 | 85 | 98 | 97 | 86 |
| 7 | 101 | 90 | 89 | 87 | 97 | 88 | 94 | 91 | 97 | 95 | 96 | 86 | 96 | 97 | 90 |
| 14 | 101 | 91 | 90 | 88 | 99 | 91 | 96 | 91 | 99 | 92 | 96 | 88 | 102 | 102 | 90 |
| 21 | 102 | 91 | 89 | 86 | 95 | 89 | 95 | 92 | 100 | 94 | 99 | 86 | 101 | 96 | 92 |
| 28 | 92 | 83 | 88 | 88 | 89 | 88 | 98 | 87 | 90 | 92 | 88 | 87 | 93 | 86 | 92 |
| 50 | | | 84 | 87 | 91 | 88 | | | | 88 | | 87 | 98 | | 88 |
| 144 | | | | | 89 | | | | | 78 | | 79 | | | 79 |
| 432 | | | | | | | | | | 81 | | 78 | | | 84 |

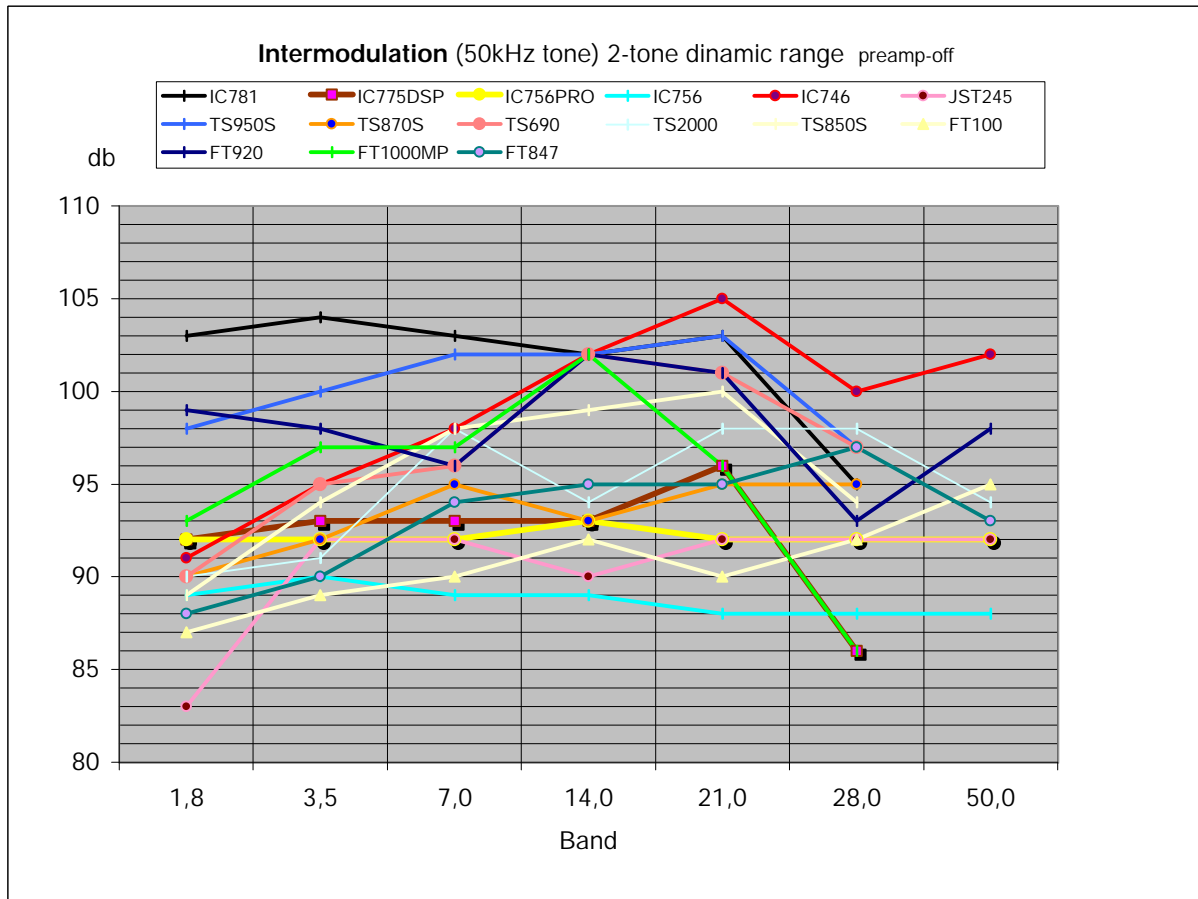


Intermodulation(50KHz Tone Spacing) Preamp -on 3rd order intercept

| Band | dBm | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|------|-----|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 1,8 | 12 | 3 | 3 | -1 | 6 | 6 | 4 | 2 | 8 | 9 | 4 | -7,5 | -4 | 13 | -1,5 | |
| 3,5 | 15 | 4 | 3 | -2 | 10 | 2 | 4 | 2 | 8 | 9 | 4 | -5 | 8 | 18 | -3 | |
| 7 | 15 | 0 | 0 | -3 | 11 | 2 | 4 | 5 | 10 | 11 | 8 | -5,5 | 4 | 19 | 2,5 | |
| 14 | 15 | 3 | 2 | -2 | 15 | 4 | 7 | 3 | 12 | 5 | 10 | -0,5 | 10 | 19 | 3 | |
| 21 | 18 | 3 | 0 | -4 | 9 | 0 | 9 | 5 | 13 | 7 | 15 | -5 | 9 | 14 | 4 | |
| 28 | 2 | -8 | -2 | -2 | -1 | 1 | 13 | -6 | -2 | 1 | -6 | -4 | -1 | -4 | 4 | |
| 50 | | | -4 | -1 | 0 | -1 | | | | -4 | | 2 | -1 | | -3,5 | |
| 144 | | | | | -4 | | | | | -20 | | -18 | | | -19 | |
| 432 | | | | | | | | | | -15 | | -20 | | | -12 | |



| Band dB | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|---------|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 1,8 | 103 | 92 | 92 | 89 | 91 | 83 | 98 | 90 | 90 | 90 | 89 | 87 | 99 | 93 | 88 |
| 3,5 | 104 | 93 | 92 | 90 | 95 | 92 | 100 | 92 | 95 | 91 | 94 | 89 | 98 | 97 | 90 |
| 7 | 103 | 93 | 92 | 89 | 98 | 92 | 102 | 95 | 96 | 98 | 98 | 90 | 96 | 97 | 94 |
| 14 | 102 | 93 | 93 | 89 | 102 | 90 | 102 | 93 | 102 | 94 | 99 | 92 | 102 | 102 | 95 |
| 21 | 103 | 96 | 92 | 88 | 105 | 92 | 103 | 95 | 101 | 98 | 100 | 90 | 101 | 96 | 95 |
| 28 | 95 | 86 | 92 | 88 | 100 | 92 | 97 | 95 | 97 | 98 | 94 | 92 | 93 | 86 | 97 |
| 50 | | | 92 | 88 | 102 | 92 | | | | 94 | | 95 | 98 | | 93 |
| 144 | | | | | 85 | | | | | 82 | | | | | 84 |
| 432 | | | | | | | | | | 87 | | | | | 92 |



| Band | dBm | IC781 | IC775DSP | IC756PRO | IC756 | IC746 | JST245 | TS950S | TS870S | TS690 | TS2000 | TS850S | FT100 | FT920 | FT1000MP | FT847 |
|------|-----|-------|----------|----------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|----------|-------|
| 1,8 | 24 | 9 | 13 | 5 | 9 | 5 | 20 | 11 | 10 | 9 | 11 | 3 | 20 | 15 | 7,5 | |
| 3,5 | 25 | 11 | 13 | 6 | 15 | 15 | 24 | 12 | 15 | 9 | 15 | 6 | 18 | 19 | 8 | |
| 7 | 25 | 10 | 11 | 5 | 18 | 16 | 25 | 22 | 17 | 11 | 21 | 3 | 14 | 20 | 13 | |
| 14 | 24 | 12 | 13 | 5 | 25 | 12 | 26 | 17 | 25 | 5 | 24 | 10 | 25 | 29 | 14 | |
| 21 | 26 | 12 | 13 | 5 | 30 | 16 | 27 | 22 | 24 | 7 | 26 | 7 | 24 | 19 | 14 | |
| 28 | 13 | 1 | 14 | 6 | 23 | 15 | 18 | 20 | 17 | 1 | 15 | 12 | 11 | 6 | 17 | |
| 50 | | | 13 | 7 | 28 | 16 | | | | -4 | | 20 | 20 | | 8 | |
| 144 | | | | | -6 | | | | | -20 | | | | | -10 | |
| 432 | | | | | | | | | | -15 | | | | | 3 | |

