

Station	Site	Freq.	MAX275 Tuning Resistors						Filter Characteristics						
			R104A R104B		R102A1 R102B1	R102A1 // R102A2 R104B1 // R102B2		R102A3 R102B3	R103A R103B	R101A R101B	Gain	Q	fmin -3dB	fmax -3dB	BW -3dB
			E96	E24	E96	E24									
HWU	Rosnay, France	15.10 kHz	127.0 k	130.0 k	127.0 k	240 k // 270 k = 127.1 k		10k	820 k	200 k	16.8	184.1	15059 Hz	15141 Hz	82 Hz
VTX1	South Vijayanarayanam, India	16.30 kHz	118.0 k	120.0 k	118.0 k	180 k // 330 k = 116.5 k		10k	820 k	200 k	16.8	198.7	16259 Hz	16341 Hz	82 Hz
JXN	Novik, Norway	16.40 kHz	118.0 k	120.0 k	118.0 k	180 k // 330 k = 116.5 k		10k	820 k	200 k	16.8	199.9	16359 Hz	16441 Hz	82 Hz
VTX2	South Vijayanarayanam, India	17.00 kHz	113.0 k	110.0 k	113.0 k	220 k // 240 k = 114.8 k		10k	750 k	180 k	17.4	189.5	16955 Hz	17045 Hz	90 Hz
VTX3	South Vijayanarayanam, India	18.20 kHz	105.0 k	110.0 k	105.0 k	200 k // 220 k = 104.8 k		10k	750 k	180 k	17.4	202.9	18155 Hz	18245 Hz	90 Hz
HWU	Rosnay, France	18.30 kHz	105.0 k	110.0 k	105.0 k	200 k // 220 k = 104.8 k		10k	750 k	180 k	17.4	204.0	18255 Hz	18345 Hz	90 Hz
NTS	Woodside, Victoria, Australia	18.60 kHz	102.0 k	100.0 k	102.0 k	180 k // 240 k = 102.9 k		10k	680 k	169 k	16.2	188.0	18551 Hz	18650 Hz	99 Hz
VTX4	South Vijayanarayanam, India	19.20 kHz	100.0 k	100.0 k	100.0 k	100 k		10k	680 k	169 k	16.2	194.1	19151 Hz	19250 Hz	99 Hz
GBZ	Anthorn, UK	19.58 kHz	97.6 k	100.0 k	97.6 k	180 k // 200 k = 94.7 k		10k	680 k	160 k	18.1	197.9	19531 Hz	19630 Hz	99 Hz
NWC	Harold E. Holt, North West Cape, Exmouth, Australia	19.80 kHz	95.3 k	100.0 k	95.3 k	180 k // 200 k = 94.7 k		10k	620 k	160 k	15.0	182.5	19746 Hz	19854 Hz	109 Hz
ICV	Isola di Tavolara, Italy	20.27 kHz	93.1 k	91.0 k	93.1 k	180 k // 200 k = 94.7 k		10k	620 k	160 k	15.0	186.8	20216 Hz	20324 Hz	109 Hz
FTA	Sainte-Assise, France	20.90 kHz	90.9 k	91.0 k	90.9 k	91 k		10k	620 k	160 k	15.0	192.6	20846 Hz	20954 Hz	109 Hz
NPM	Pearl Harbour, Lualualei, HI	21.40 kHz	88.7 k	91.0 k	88.7 k	160 k // 200 k = 88.9 k		10k	620 k	150 k	17.1	197.2	21346 Hz	21454 Hz	109 Hz
HWU	Rosnay, France	21.75 kHz	86.6 k	91.0 k	86.6 k	150 k // 200 k = 85.7 k		10k	620 k	150 k	17.1	200.5	21696 Hz	21804 Hz	109 Hz
GQD	Skelton, UK	22.10 kHz	84.5 k	82.0 k	84.5 k	160 k // 180 k = 84.7 k		10k	620 k	150 k	17.1	203.7	22046 Hz	22154 Hz	109 Hz
NDT	Ebino, Japan	22.20 kHz	84.5 k	82.0 k	84.5 k	160 k // 180 k = 84.7 k		10k	620 k	150 k	17.1	204.6	22146 Hz	22254 Hz	109 Hz
HWU	Rosnay, France	22.60 kHz	84.5 k	82.0 k	84.5 k	160 k // 180 k = 84.7 k		10k	560 k	130 k	18.6	188.1	22540 Hz	22650 Hz	120 Hz
DHO38	Rhauderfehn, Germany	23.40 kHz	80.6 k	82.0 k	80.6 k	82 k		10k	560 k	130 k	18.6	194.8	23340 Hz	23460 Hz	120 Hz
NAA	Cutler, ME	24.00 kHz	78.7 k	75.0 k	78.7 k	150 k // 160 k = 77.4 k		10k	430 k	130 k	10.9	153.4	23922 Hz	24078 Hz	156 Hz
NLK	Oso Wash, Jim Creek, WA	24.80 kHz	75.0 k	75.0 k	75.0 k	75 k		10k	390 k	130 k	9.0	143.8	24714 Hz	24886 Hz	172 Hz
NML	LaMoure, ND	25.20 kHz	75.0 k	75.0 k	75.0 k	75 k		10k	360 k	120 k	9.0	134.9	25107 Hz	25294 Hz	187 Hz
TBB	Bafa, Turkey	26.70 kHz	69.8 k	68.0 k	69.8 k	150 k // 130 k = 69.6 k		10k	330 k	120 k	7.6	131.0	26598 Hz	26802 Hz	204 Hz
NRK	Grindavik, Iceland	37.50 kHz	48.7 k	47.0 k	51.1 k	51 k		5k	160 k	082 k	3.8	89.2	37290 Hz	37711 Hz	420 Hz
JJY-40	Mount Ootakadaya, Fukushima prefecture, Japan	40.00 kHz	45.3 k	47.0 k	47.5 k	100 k // 91 k = 47.6 k		5k	140 k	075 k	3.5	84.9	40560 Hz	41041 Hz	481 Hz
NAU	Aguada, Puerto Rico	40.80 kHz	44.2 k	43.0 k	46.4 k	120 k // 75 k = 46.2 k		5k	130 k	075 k	3.0	88.7	45642 Hz	46159 Hz	517 Hz
NSY	Niscemi, Italy	45.90 kHz	39.0 k	39.0 k	41.2 k	82 k // 82 k = 41. k		5k	120 k	068 k	3.1	81.9	45621 Hz	46181 Hz	561 Hz
SXA	Marathon, Greece	49.00 kHz	35.7 k	36.0 k	38.3 k	91 k // 68 k = 38.9 k		5k	100 k	062 k	2.6	72.8	48665 Hz	49338 Hz	673 Hz
GYW1	Crimond, UK	51.95 kHz	34.0 k	33.0 k	35.7 k	36 k		5k	091 k	056 k	2.6	70.3	51582 Hz	52321 Hz	739 Hz
MSF	Anthorn, UK	60.00 kHz	28.7 k	30.0 k	30.9 k	75 k // 51 k = 30.4 k		5k	075 k	047 k	2.5	66.9	59553 Hz	60450 Hz	897 Hz
WWWB	Fort Collins, Colorado	60.00 kHz	28.7 k	30.0 k	30.9 k	75 k // 51 k = 30.4 k		5k	075 k	047 k	2.5	66.9	59553 Hz	60450 Hz	897 Hz
JJY-60	Mount Hagane, Fukuoka prefecture, Japan	60.00 kHz	28.7 k	30.0 k	30.9 k	75 k // 51 k = 30.4 k		5k	075 k	047 k	2.5	66.9	59553 Hz	60450 Hz	897 Hz
FUG	La Régine, France	62.60 kHz	27.0 k	27.0 k	29.4 k	56 k // 62 k = 29.4 k		5k	075 k	047 k	2.5	69.8	62153 Hz	63050 Hz	897 Hz
FUE	Kerlouan, France	65.80 kHz	25.5 k	27.0 k	28.0 k	56 k // 56 k = 28. k		5k	068 k	047 k	2.1	66.5	65307 Hz	66297 Hz	989 Hz
BPC	Lintong, Shaanxi, China	68.50 kHz	24.3 k	24.0 k	26.7 k	27 k		5k	062 k	043 k	2.1	63.1	67960 Hz	69045 Hz	1,085 Hz
HBG	Prangins, Switzerland	75.00 kHz	22.0 k	22.0 k	24.3 k	24 k		5k	056 k	039 k	2.1	62.4	74402 Hz	75603 Hz	1,201 Hz
DCF77	Mainflingen, Germany	77.50 kHz	21.0 k	22.0 k	23.2 k	39 k // 56 k = 23. k		5k	056 k	039 k	2.1	64.5	76902 Hz	78103 Hz	1,201 Hz

Note:

- resistor values are shown in the E96 or E24 series. Parallel combination of E24 values is required for R102.
- if the MAX275 shows instability, it may be necessary to reduce the Q of the filter (R103) and/or the gain of the filter (R101)