

MARCONI/ IFR 2031 Frequency plan

All frequencies in MHz

carrier freq range		BFO	VCO0		VCO1		VCO2		VCO3	div	mult
0.01	14.5174	104.8576	off		38.940	955	off		off	8	1
14.5174	21.09375	104.8576	off		off		955	1008	off	8	1
21.09375	25.09375		675	803	off		off		off	32	1
25.09375	29.84375		off		803	955	off		off	32	1
29.84375	35.46875		off		off		955	1135	off	32	1
35.46875	42.1875		off		off		off		1135 1350	32	1
42.1875	50.1875		675	803	off		off		off	16	1
50.1875	59.6875		off		803	955	off		off	16	1
119.375	141.875		off		off		955	1135	off	16	1
141.875	168.75		off		off		off		1135 1350	16	1
84.375	100.375		675	803	off		off		off	8	1
100.375	119.375		off		803	955	off		off	8	1
119.375	141.875		off		off		955	1135	off	8	1
141.875	168.75		off		off		off		1135 1350	8	1
168.75	200.75		675	803	off		off		off	4	1
200.75	238.75		off		803	955	off		off	4	1
238.75	283.75		off		off		955	1135	off	4	1
283.75	337.5		off		off		off		1135 1350	4	1
337.5	401.5		675	803	off		off		off	2	1
401.5	477.5		off		803	955	off		off	2	1
477.5	567.5		off		off		955	1135	off	2	1
567.5	675		off		off		off		1135 1350	2	1
675	803		675	803	off		off		off	1	1
803	955		off		803	955	off		off	1	1
955	1135		off		off		955	1135	off	1	1
1135	1350		off		off		off		1135 1350	1	1
1350	1606		675	803	off		off		off	1	2
1606	1910		off		803	955	off		off	1	2
1910	2270		off		off		955	1135	off	1	2
2270	2700		off		off		off		1135 1350	1	2

Series	Description	Part No.
AA1/3	Control board	44829/970
AB1	VCO board	44829/542
AB2/2	RF board (ALC)	44829/791
AB3/5	Doubler (multiplier)	44829/772
AB4/1	BFO board	44829/697
AT10	Attenuator	44829/087
AR2/1	Internal Frequency Standard	44829/958

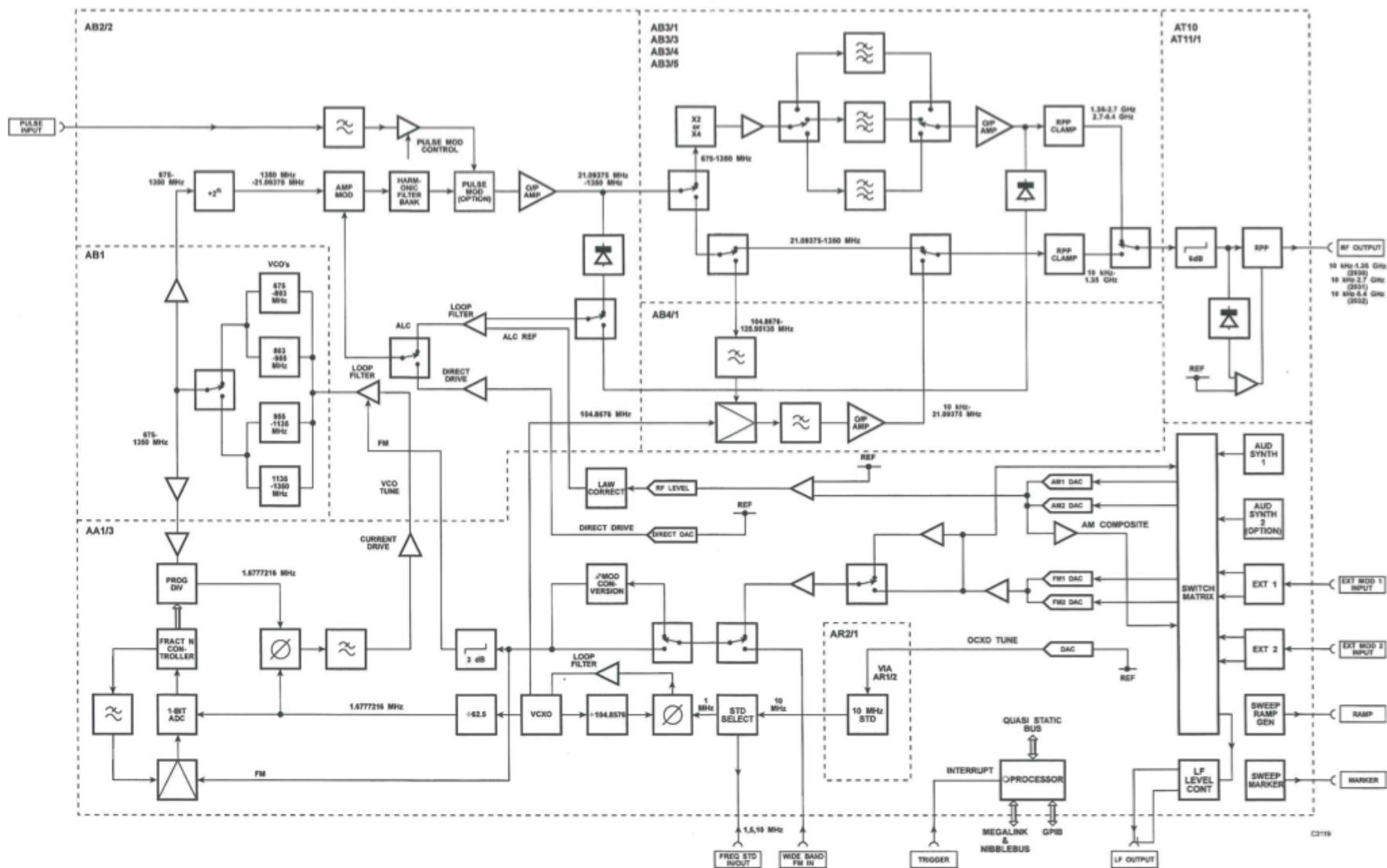


Fig. 4-2-1 Signal generator block schematic