

**Known Models:** Allied A-2561, A-2564, A-2568

Browning SST

Cobra 24, 25, 28A, 880

Commando 2320, 2325

Craig 4101, 4102

Jet Sounds CB7000

Kraco KCB1401

Lafayette Comstat 23 Mark V, Mark VI, Dyna-Com 23, HB625A

Mark Lancer 23

Midland 13-871, 13-881

Pace CB145

PAL Roadrunner 23

Pearce-Simpson Bobcat 23D

SBE 10CB (Coronado II), 21CB (Cortez), 29CB (Catalina III, Malibu), 30CB (Trinidad II)

Siltronix Apache, Mohawk

Tram D40

Vector IV

	Both RX & TX "A"	RX Only "B"	TX Only "C"		Both RX & TX "A"	RX Only "B"	TX Only "C"
Ch. 1 (26.965)	16.965	9.5450	10.000	Ch.13 (27.115)	17.115	9.5450	10.000
Ch. 2 (26.975)	"	9.5550	10.010	Ch.14 (27.125)	"	9.5550	10.010
Ch. 3 (26.985)	"	9.5650	10.020	Ch.15 (27.135)	"	9.5650	10.020
Ch. 4 (27.005)	"	9.5850	10.040	Ch.16 (27.155)	"	9.5850	10.040
Ch. 5 (27.015)	17.015	9.5450	10.000	Ch.17 (27.165)	17.165	9.5450	10.000
Ch. 6 (27.025)	"	9.5550	10.010	Ch.18 (27.175)	"	9.5550	10.010
Ch. 7 (27.035)	"	9.5650	10.020	Ch.19 (27.185)	"	9.5650	10.020
Ch. 8 (27.055)	"	9.5850	10.040	Ch.20 (27.205)	"	9.5850	10.040
Ch. 9 (27.065)	17.065	9.5450	10.000	Ch.21 (27.215)	17.215	9.5450	10.000
Ch.10 (27.075)	"	9.5550	10.010	Ch.22 (27.225)	"	9.5550	10.010
Ch.11 (27.085)	"	9.5650	10.020	Ch.23 (27.255)	"	9.5850	10.040
Ch.12 (27.105)	"	9.5850	10.040				

**Synthesis:** "A" + "C" = direct TX carrier frequency;

"A" + "B" = RX frequency (offset lower by 455 KHz)

**Example:** For Ch.1, [16.965 MHz + 10.000 MHz] = 26.965 MHz, the on-channel TX frequency. During RX, the 9.5450 MHz crystal is used, which is exactly 455 KHz lower than 10.000 MHz. This produces the second IF for the receiver. This particular scheme has no fixed high IF, since it must pass a *band* of frequencies from 10.000 MHz to 10.040 MHz. Only the 455 KHz second IF is constant, which means poorer IF selectivity.

Compliments of:

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