

**Known Models:** Allied 2533  
Cobra 27

	RX & TX "A"	RX & TX "B"	TX Only "C"	RX Only "D"
Ch. 1 (26.965)	33.165	10.500	4.29875	4.75375
Ch. 2 (26.975)	"	10.490	"	"
Ch. 3 (26.985)	"	10.480	"	"
Ch. 4 (27.005)	"	10.460	"	"

Ch. 5 (27.015)	33.215	10.500	4.29875	4.75375
Ch. 6 (27.025)	"	10.490	"	"
Ch. 7 (27.035)	"	10.480	"	"
Ch. 8 (27.055)	"	10.460	"	"

Ch. 9 (27.065)	33.265	10.500	4.29875	4.75375
Ch.10 (27.075)	"	10.490	"	"
Ch.11 (27.085)	"	10.480	"	"
Ch.12 (27.105)	"	10.460	"	"

	RX & TX "A"	RX & TX "B"	TX Only "C"	RX Only "D"
Ch.13 (27.115)	33.315	10.500	4.29875	4.75375
Ch.14 (27.125)	"	10.490	"	"
Ch.15 (27.135)	"	10.480	"	"
Ch.16 (27.155)	"	10.460	"	"

Ch.17 (27.165)	33.365	10.500	4.29875	4.75375
Ch.18 (27.175)	"	10.490	"	"
Ch.19 (27.185)	"	10.480	"	"
Ch.20 (27.205)	"	10.460	"	"

Ch.21 (27.215)	33.415	10.500	4.29875	4.75375
Ch.22 (27.225)	"	10.490	"	"
Ch.23 (27.255)	"	10.460	"	"

**Synthesis:** "A" – "B" + "C" = direct TX carrier frequency  
 "A" – "B" + "D" = RX frequency (TX freq. + 455 KHz)

**Example:** For Ch.1, [33.165 MHz – 10.500 MHz + 4.29875 MHz] = 26.965 MHz, the correct on-channel TX carrier frequency. Substituting the "D" crystal (RX) instead results in 27.420 MHz, the high I.F. This is exactly 455 KHz higher and when mixed with the incoming 26.965 MHz RX signal, results in the low I.F. of 455 KHz.

*Compliments of:*

**CBC INTERNATIONAL · P.O. BOX 30655 · TUCSON AZ 85751 U.S.A.**  
**TEL/FAX: 888-I-FIX-CBs (1-888-434-9227), (520) 298-7980 · Internet: www.cbcintl.com · Email: info@cbcintl.com**