

Table 4-9. Calibration Constant Descriptions

Number	Description	Range or Default	Related Adjustment
1	Identifier Response	0 — HP/Agilent 83620A 1 — HP/Agilent 83621A 2 — HP/Agilent 83622A 3 — HP/Agilent 83623A 4 — HP/Agilent 83624A 5 — HP/Agilent 83640A 6 — HP/Agilent 83642A 7 — HP/Agilent 8340B 8 — HP/Agilent 83631A 9 — HP/Agilent 8341B 10 — HP/Agilent 83650A 11 — HP/Agilent 83651A 12 — HP/Agilent 83652A 13 — Agilent 83630A 14 — HP/Agilent 83632A 15 — Agilent 83620B 16 — Agilent 83621B 17 — Agilent 83622B 18 — Agilent 83623B 19 — Agilent 83624B 20 — Agilent 83640B 21 — Agilent 83631B 22 — Agilent 83650B 23 — Agilent 83651B 24 — Agilent 83630B 25 — Agilent 83623L 26 — Agilent 83630L 27 — Agilent 83640L 28 — Agilent 83650L	
2	Dwell After RF On	2	
3	User Configuration	0	
4	Lockout Features	0	
5	Display Field Lock	0	
6	Retrace Dwell Time	0	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16	Production Info 1	0	
17	Production Info 2	0	
18	Production Info 3	Instrument specific	

Table 4-10. Hardware Configuration Cal Constants #463 and #464

Synthesizer Model Number	#463 Hardware Config 1						#464 Hardware Config 2	
	Starting Cal Constant	Option 001	Option 002	Option 004	Option 006	Option H10 ¹	Starting Value	Option 006
83620B	+19,600	-128	+4	+4096	+2	-	+1	+2
83622B	+19,584	-128	+4	+4096	+2	-	+1	+2
83623B	+19,608	-128	+4	+4096	-6	-127	+1	+2
83624B	+19,592	-128	+4	+4096	-6	-	+1	+2
83630B	+19,600	-128	+4	+4096	+2	-	+1	+2
83640B	+19,632	-128	+4	+4096	+2	-127	+1	+2
83650B	+19,888	-128	+4	+4096	+2	-	+1	+2
83621B	+30,864	-	-	-	-	-	-	-
83631B	+30,864	-	-	-	-	-	-	-
83651B	+32,176	-	-	-	-	-	-	-
83623L	+27,792	-128	-	+4096	-	-	+1	-
83630L	+27,792	-128	-	+4096	-	-	+1	-
83640L	+27,824	-128	-	+4096	-	-	+1	-
83650L	+28,080	-128	-	+4096	-	-	+1	-

1 Option H10 and all other options are mutually exclusive.

Example: Calibration constant #463

$$\begin{aligned} \text{HP 83620B} + 001 + 004 &= ? \\ 19,600 - 128 + 4096 &= 23,568 \end{aligned}$$