

16: RF is 5222 (programmed as AN106B)

### NIC Configuration 1 (22h)

b15	14	13	12	11	10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0	
10						1	1	2	1	1						
Reserved (must be 0)						SBSA	Tst 2	CCK TX pwr	R 17	Tst 1						

0xFFFF will be treated as INVALID and used by driver as 16-bit 0.

- b0: proprietary TEST BIT#1  
0 – normal (default)  
1 – TEST mode#1 ON
- b1: dynamic BBP R17 tuning to overcome background noise  
0 – enable dynamic tuning (default)  
1 – disable dynamic tuning
- b3-2: 0~3 db. Extra CCK TX power gain in addition to the “Channel1-14 TX power” settings.
- b4: proprietary TEST BIT#2  
0 – normal (default)  
1 – TEST mode#2 ON
- **b5: InterDigital Smart Antenna (SBSA) Mode**  
**0 – disable (default)**  
**1 – enable**

### Country Region Code index (25h)

Default value = FFh, which means read from INF and registry, more flexible than reading from EEPROM, this is our current InstallShield CCS implementation. We do not recommend customers to read SKU from EEPROM, therefore, FFh is our default value.

CountryCode— Specify the domain code, can be FFh or one of the followings,

- 0: FCC, CH1-11
- 1: IC (Canada), CH1-11
- 2: ETSI, CH1-13
- 3: SPAIN, CH10-11
- 4: FRANCE, CH10-13
- 5: MKK, CH14
- 6: MKK1(TELEC), CH1-14
- 7: ISRAEL, CH3-9 (Obsolete 5-7)

### BBP Instructions (total 16 instructions) (26h ~45h)