**Step 3**

1. 2462
2. Rate: 1, 12, 18, 24, 24,36,38, and 54 Mbps
3. RSSIs range from -44dBm(strongest) to -69 dBm(weakest) and this is a variation of 35 dB or a factor of 300 in the SNR

**Step 4**

1. The AP has a BSS ID of 00:16:b6:e3:e9:8f
2. There are 1783 data frames of the total 3731 and the most common Data frame is called “Data”.
3. There are 1391 Control frames and the most common Control frame is the Acknowledgement frame with subtype 13.
4. There are 557 Management Frames and the most common Management frame is the Beacon frame with subtype 8.
5. Frame Control – 2bytes, Duration – 2bytes, Receiver Address – 6bytes, and Frame Check Sequence – 4bytes.
6. 353/1430 or 25%
7. 16/822 or 2%

**Step 5**

1. SSID is djw
2. The beacon frames are sent by djw AP every 102.4 milliseconds
3. The AP supports 1,2,5.5,6,9,11,12,18,14,36,48, and 54 Mbps
4. 1Mbps
5. Association Request -Type 0 and Subtype 0

Association Response – Type 0 and Subtype 1

1. Probe Request – Type 0 and Subtype 4

Probe Response – Type 0 and Subtype 5