

APPENDIX D. SSROM VALUE AND CURPOWER VALUE

```
=====
=====SW Version =====
=====
```

```
CM/80211_hal> wl ver
```

```
6.30 RC102.5
```

```
wl0: Nov 15 2012 14:01:49 version 6.30.102.5.558.30 WL ver 6.30.102.5.558.30 (WLTEST)
```

```
=====
=====2.4G Srom Value =====
=====
```

```
CM/NonVol/802.11 SromNonVol> show
```

```
WARNING: This will be applied to all 2 registered instances!
```

```
Do you really want to do this? (yes|no) [no] y
```

```
Instance: 802.11 SromNonVol Settings (0x87e659dc)
```

```
+-----+
|                               |
| WiFi 802.11 Srom NonVol Settings
+-----+
          Magic Number = 0x38303253 '802S'
          Version (Permanent) = 0.1
          Version (Dynamic) = 0.1
          Bytes used (Permanent) = 452
          Bytes used (Dynamic) = 8
          Is Default (Permanent) = 0
          Is Default (Dynamic) = 0

Is Manufactured (Permanent) = 1
  Is Manufactured (Dynamic) = 1
```

```
SPROM Contains the parameters for the 4331_2G_HP Wifi Card
```

```

28 01 00 00 05 74 14 e4 00 78 ed be 00 00 2b c4 | (....t...x....+.
2a 64 29 64 2c 64 3c e7 46 ff 47 ff 0c 00 08 20 | *d)d,d<.F.G...
00 30 10 02 9f 28 5d 44 80 80 1d 8f 00 32 01 00 | .0...{]D.....2..
df 00 71 f5 84 00 00 83 85 00 20 10 00 01 ff ff | ..q..... ..
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
ff ff ff ff 10 10 00 05 ff ff ff ff ff ff ff | .....
43 32 80 00 00 02 00 00 1f 30 18 00 00 00 00 00 | C2.....0.....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
53 72 11 52 12 00 80 00 00 00 00 10 00 10 18 a9 | Sr.R.....
05 06 00 00 00 00 ff ff ff ff ff ff 07 07 02 02 | .....
ff 02 00 77 ff ff ff ff ff ff ff ff ff 04 1f | ...w.....
02 21 ff ff ff ff ff ff ff ff 00 01 ff ff ff | !.....
20 58 fe 88 1c d1 f9 6c 3e 3c 3c 3c fe 78 16 1e | X....|><<<x..
fa 84 ff ff ff ff ff ff fe 84 15 94 fa a3 00 00 | .....
20 58 fe 93 1b 3d f9 ca 3e 3c 3c 3c fe 7a 16 91 | X...=..><<<.Z..
fa 6b ff ff ff ff ff ff fe 86 15 80 fa a9 00 00 | .k.....
20 58 fe 4d 18 f6 f9 f6 3e 3c 3c 3c fe 7d 16 70 | X.M....><<<}.p
fa 79 ff ff ff ff ff ff fe 80 15 d4 fa 8f 00 00 | .y.....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
00 00 00 00 00 00 64 20 00 00 64 20 00 00 00 00 | .....d ..d ....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 64 20 00 00 64 20 00 00 64 20 | .....d ..d ..d
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00 00 00 00 00 00 00 00 00 00 00 00 ff ff ff ff | .....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
ff ff ff ff ff ff 69 09 | .....i.

```

Instance: 802.11 SromNonVol Settings (0x87e619b0)

```

+-----+
|                                     |
| WiFi 802.11 Srom NonVol Settings |
+-----+

```

Magic Number = 0x38303254 '802T'
 Version (Permanent) = 0.1
 Version (Dynamic) = 0.1
 Bytes used (Permanent) = 452
 Bytes used (Dynamic) = 8
 Is Default (Permanent) = 0
 Is Default (Dynamic) = 0

Is Manufactured (Permanent) = 1
 Is Manufactured (Dynamic) = 1

SPROM Contains the parameters for the 4331_5G_HP Wifi Card

```

28 01 00 00 05 a9 14 e4 00 78 ed be 00 00 2b c4 | (.....X....+.
2a 64 29 64 2c 64 3c e7 46 ff 47 ff 0c 00 08 20 | *d)d,d<.F.G...
00 30 10 02 9f 28 5d 44 80 80 1d 8f 00 32 01 00 | .0...(J.D....2..
df 00 71 f5 84 00 00 83 85 00 20 10 00 01 ff ff | ..q..... ....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
ff ff ff ff 10 10 00 05 ff ff ff ff ff ff ff | .....
43 33 80 00 00 02 00 00 1f 30 18 00 00 00 00 00 | C3.....0.....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
53 72 12 03 02 00 90 00 00 00 04 20 00 90 4c 09 | Sr..... ..L.
31 05 00 00 00 00 ff ff ff ff ff ff 07 07 02 02 | 1.....
ff 02 00 77 ff ff ff ff ff ff ff ff ff ff | ...w.....
03 47 ff ff ff ff ff ff ff 00 00 ff ff ff | .G.....
ff ff ff ff ff ff ff 3e 54 54 54 fe 62 17 97 | .....>TTT.b..
fa 0e fe 7d 18 98 f9 f3 fe 6d 18 cd f9 db 00 00 | ...}....m.....
ff ff ff ff ff ff ff 3e 54 54 54 fe 6d 19 86 | .....>TTT.m..
f9 bb fe 3f 19 59 f9 94 fe 5b 19 cf f9 91 00 00 | ...?.Y...[.....
ff ff ff ff ff ff ff 3e 54 54 54 fe 6a 17 65 | .....>TTT.j,e
fa 2a fe 74 15 7c f9 b5 fe 70 18 47 fa 0e 00 00 | .*t|...p.G...
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
ff ff ff ff ff ff ff ff ff ff ff ff ff | .....
00 00 00 00 00 00 00 00 00 00 00 00 00 64 22 | .....d"
00 00 64 22 00 00 64 22 00 00 64 22 00 00 64 22 | ..d"..d"..d"..d"
00 00 64 22 00 00 00 00 00 00 00 00 00 00 00 00 | ..d".....
00 00 64 22 00 00 64 22 00 00 64 22 00 00 64 22 | ..d"..d"..d"..d"
00 00 64 22 00 00 64 22 00 00 64 22 00 00 64 22 | ..d"..d"..d"..d"
  
```

```

00 00 64 22  00 00 00 00  ff ff ff ff  ff ff ff ff  | ..d".....
ff ff ff ff  ff ff ff ff  ff ff ff ff  ff ff ff ff  | .....
ff ff ff ff  ff ff 48 09          | .....H.

```

```

=====
=====2.4G Curpower Value =====
=====

```

```

=====
=====CH1, BW:20MHz=====
=====

```

```

CM/80211_hal> wl -a wl0 curpower

```

```

Power Control:      On, HW
Current Channel:    1
BSS Channel:       (null)
BSS Local Max:     30.0 dBm
BSS Local Constraint: 0.0 dB
Channel Width:     20MHz
User Target:       31.75 dBm
SROM Antgain 2G:   2.0 dB
SROM Antgain 5G:   0.0 dB
SAR:               -
Current rate:      [DSSS1] rate 1 Mbps Tx Exp 0

```

Regulatory Limits:

Rate	Chains	20MHz
DSSS	1	22.50
OFDM	1	18.50
MCS0_7	1	18.50
VHT8_9SS1	1	18.50
DSSS_MULTI1	2	21.50
OFDM_CDD1	2	17.50
MCS0_7_CDD1	2	17.50
VHT8_9SS1_CDD1	2	17.50
MCS0_7_STBC	2	17.50
VHT8_9SS1_STBC	2	17.50
MCS8_15	2	17.50

VHT8_9SS2	2	17.50
DSSS_MULTI2	3	21.0
OFDM_CDD2	3	17.0
MCS0_7_CDD2	3	17.0
VHT8_9SS1_CDD2	3	17.0
MCS0_7_STBC_SPEXP1	3	17.0
VHT8_9SS1_STBC_SPEXP1	3	17.0
MCS8_15_SPEXP1	3	17.0
VHT8_9SS2_SPEXP1	3	17.0
MCS16_23	3	17.0
VHT8_9SS3	3	17.0

Core Index: 0

Board Limits:

Rate	Chains 20MHz	
DSSS	1	22.0
OFDM6	1	22.0
OFDM9	1	22.0
OFDM12	1	22.0
OFDM18	1	22.0
OFDM24	1	22.0
OFDM36	1	21.0
OFDM48	1	20.0
OFDM54	1	19.0
MCS0	1	22.0
MCS1	1	22.0
MCS2	1	22.0
MCS3	1	22.0
MCS4	1	22.0
MCS5	1	21.0
MCS6	1	20.0
MCS7	1	19.0
VHT8_9SS1	1	-
DSSS_MULTI1	2	22.0
OFDM6_CDD1	2	22.0
OFDM9_CDD1	2	22.0
OFDM12_CDD1	2	22.0
OFDM18_CDD1	2	22.0

OFDM24_CDD1	2	22.0
OFDM36_CDD1	2	21.0
OFDM48_CDD1	2	20.0
OFDM54_CDD1	2	19.0
MCS0_CDD1	2	22.0
MCS1_CDD1	2	22.0
MCS2_CDD1	2	22.0
MCS3_CDD1	2	22.0
MCS4_CDD1	2	22.0
MCS5_CDD1	2	21.0
MCS6_CDD1	2	20.0
MCS7_CDD1	2	19.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	22.0
MCS1_STBC	2	22.0
MCS2_STBC	2	22.0
MCS3_STBC	2	22.0
MCS4_STBC	2	22.0
MCS5_STBC	2	21.0
MCS6_STBC	2	20.0
MCS7_STBC	2	19.0
VHT8_9SS1_STBC	2	-
MCS8	2	22.0
MCS9	2	22.0
MCS10	2	22.0
MCS11	2	22.0
MCS12	2	22.0
MCS13	2	21.0
MCS14	2	20.0
MCS15	2	19.0
VHT8_9SS2	2	-
DSSS_MULTI2	3	22.0
OFDM6_CDD2	3	22.0
OFDM9_CDD2	3	22.0
OFDM12_CDD2	3	22.0
OFDM18_CDD2	3	22.0
OFDM24_CDD2	3	22.0
OFDM36_CDD2	3	21.0

OFDM48_CDD2	3	20.0
OFDM54_CDD2	3	19.0
MCS0_CDD2	3	22.0
MCS1_CDD2	3	22.0
MCS2_CDD2	3	22.0
MCS3_CDD2	3	22.0
MCS4_CDD2	3	22.0
MCS5_CDD2	3	21.0
MCS6_CDD2	3	20.0
MCS7_CDD2	3	19.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	22.0
MCS1_STBC_SPEXP1	3	22.0
MCS2_STBC_SPEXP1	3	22.0
MCS3_STBC_SPEXP1	3	22.0
MCS4_STBC_SPEXP1	3	22.0
MCS5_STBC_SPEXP1	3	21.0
MCS6_STBC_SPEXP1	3	20.0
MCS7_STBC_SPEXP1	3	19.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	22.0
MCS9_SPEXP1	3	22.0
MCS10_SPEXP1	3	22.0
MCS11_SPEXP1	3	22.0
MCS12_SPEXP1	3	22.0
MCS13_SPEXP1	3	21.0
MCS14_SPEXP1	3	20.0
MCS15_SPEXP1	3	19.0
VHT8_9SS2_SPEXP1	3	-
MCS16	3	22.0
MCS17	3	22.0
MCS18	3	22.0
MCS19	3	22.0
MCS20	3	22.0
MCS21	3	21.0
MCS22	3	20.0
MCS23	3	19.0
VHT8_9SS3	3	-

Power Targets:

Rate	Chains	20MHz
DSSS	1	20.50
OFDM	1	17.0
MCS0_7	1	17.0
VHT8_9SS1	1	8.0
DSSS_MULTI1	2	20.0
OFDM_CDD1	2	16.0
MCS0_7_CDD1	2	16.0
VHT8_9SS1_CDD1	2	8.0
MCS0_7_STBC	2	16.0
VHT8_9SS1_STBC	2	8.0
MCS8_15	2	16.0
VHT8_9SS2	2	8.0
DSSS_MULTI2	3	19.50
OFDM_CDD2	3	15.50
MCS0_7_CDD2	3	15.50
VHT8_9SS1_CDD2	3	8.0
MCS0_7_STBC_SPEXP1	3	15.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_15_SPEXP1	3	15.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16_23	3	15.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50

Last est. power : 20.50 0.0 0.0

Power Target for the current rate : 20.50 20.50 20.50

Last adjusted est. power : 20.50 0.0 0.0

=====
====CH6, BW:20MHz=====

CM/80211_hal> wl -a wl0 curpower

Power Control: On, HW

Current Channel: 6

BSS Channel: (null)
 BSS Local Max: 30.0 dBm
 BSS Local Constraint: 0.0 dB
 Channel Width: 20MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 2.0 dB
 SROM Antgain 5G: 0.0 dB
 SAR: -
 Current rate: [DSSS1] rate 1 Mbps Tx Exp 0

Regulatory Limits:

Rate	Chains 20MHz	
DSSS	1	25.0
OFDM	1	26.0
MCS0_7	1	26.0
VHT8_9SS1	1	26.0
DSSS_MULTI1	2	23.50
OFDM_CDD1	2	24.50
MCS0_7_CDD1	2	24.50
VHT8_9SS1_CDD1	2	24.50
MCS0_7_STBC	2	24.50
VHT8_9SS1_STBC	2	24.50
MCS8_15	2	24.50
VHT8_9SS2	2	24.50
DSSS_MULTI2	3	22.0
OFDM_CDD2	3	22.50
MCS0_7_CDD2	3	22.50
VHT8_9SS1_CDD2	3	22.50
MCS0_7_STBC_SPEXP1	3	22.50
VHT8_9SS1_STBC_SPEXP1	3	22.50
MCS8_15_SPEXP1	3	22.50
VHT8_9SS2_SPEXP1	3	22.50
MCS16_23	3	22.50
VHT8_9SS3	3	22.50

Core Index: 0

Board Limits:

Rate Chains 20MHz

DSSS	1	22.0
OFDM6	1	22.0
OFDM9	1	22.0
OFDM12	1	22.0
OFDM18	1	22.0
OFDM24	1	22.0
OFDM36	1	21.0
OFDM48	1	20.0
OFDM54	1	19.0
MCS0	1	22.0
MCS1	1	22.0
MCS2	1	22.0
MCS3	1	22.0
MCS4	1	22.0
MCS5	1	21.0
MCS6	1	20.0
MCS7	1	19.0
VHT8_9SS1	1	-
DSSS_MULTI1	2	22.0
OFDM6_CDD1	2	22.0
OFDM9_CDD1	2	22.0
OFDM12_CDD1	2	22.0
OFDM18_CDD1	2	22.0
OFDM24_CDD1	2	22.0
OFDM36_CDD1	2	21.0
OFDM48_CDD1	2	20.0
OFDM54_CDD1	2	19.0
MCS0_CDD1	2	22.0
MCS1_CDD1	2	22.0
MCS2_CDD1	2	22.0
MCS3_CDD1	2	22.0
MCS4_CDD1	2	22.0
MCS5_CDD1	2	21.0
MCS6_CDD1	2	20.0
MCS7_CDD1	2	19.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	22.0
MCS1_STBC	2	22.0

MCS2_STBC	2	22.0
MCS3_STBC	2	22.0
MCS4_STBC	2	22.0
MCS5_STBC	2	21.0
MCS6_STBC	2	20.0
MCS7_STBC	2	19.0
VHT8_9SS1_STBC	2	-
MCS8	2	22.0
MCS9	2	22.0
MCS10	2	22.0
MCS11	2	22.0
MCS12	2	22.0
MCS13	2	21.0
MCS14	2	20.0
MCS15	2	19.0
VHT8_9SS2	2	-
DSSS_MULTI2	3	22.0
OFDM6_CDD2	3	22.0
OFDM9_CDD2	3	22.0
OFDM12_CDD2	3	22.0
OFDM18_CDD2	3	22.0
OFDM24_CDD2	3	22.0
OFDM36_CDD2	3	21.0
OFDM48_CDD2	3	20.0
OFDM54_CDD2	3	19.0
MCS0_CDD2	3	22.0
MCS1_CDD2	3	22.0
MCS2_CDD2	3	22.0
MCS3_CDD2	3	22.0
MCS4_CDD2	3	22.0
MCS5_CDD2	3	21.0
MCS6_CDD2	3	20.0
MCS7_CDD2	3	19.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	22.0
MCS1_STBC_SPEXP1	3	22.0
MCS2_STBC_SPEXP1	3	22.0
MCS3_STBC_SPEXP1	3	22.0

MCS4_STBC_SPEXP1	3	22.0
MCS5_STBC_SPEXP1	3	21.0
MCS6_STBC_SPEXP1	3	20.0
MCS7_STBC_SPEXP1	3	19.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	22.0
MCS9_SPEXP1	3	22.0
MCS10_SPEXP1	3	22.0
MCS11_SPEXP1	3	22.0
MCS12_SPEXP1	3	22.0
MCS13_SPEXP1	3	21.0
MCS14_SPEXP1	3	20.0
MCS15_SPEXP1	3	19.0
VHT8_9SS2_SPEXP1	3	-
MCS16	3	22.0
MCS17	3	22.0
MCS18	3	22.0
MCS19	3	22.0
MCS20	3	22.0
MCS21	3	21.0
MCS22	3	20.0
MCS23	3	19.0
VHT8_9SS3	3	-

Power Targets:

Rate	Chains 20MHz	
DSSS	1	20.50
OFDM6	1	20.50
OFDM9	1	20.50
OFDM12	1	20.50
OFDM18	1	20.50
OFDM24	1	20.50
OFDM36	1	19.50
OFDM48	1	18.50
OFDM54	1	17.50
MCS0	1	20.50
MCS1	1	20.50
MCS2	1	20.50

MCS3	1	20.50
MCS4	1	20.50
MCS5	1	19.50
MCS6	1	18.50
MCS7	1	17.50
VHT8_9SS1	1	8.0
DSSS_MULTT1	2	20.50
OFDM6_CDD1	2	20.50
OFDM9_CDD1	2	20.50
OFDM12_CDD1	2	20.50
OFDM18_CDD1	2	20.50
OFDM24_CDD1	2	20.50
OFDM36_CDD1	2	19.50
OFDM48_CDD1	2	18.50
OFDM54_CDD1	2	17.50
MCS0_CDD1	2	20.50
MCS1_CDD1	2	20.50
MCS2_CDD1	2	20.50
MCS3_CDD1	2	20.50
MCS4_CDD1	2	20.50
MCS5_CDD1	2	19.50
MCS6_CDD1	2	18.50
MCS7_CDD1	2	17.50
VHT8_9SS1_CDD1	2	8.0
MCS0_STBC	2	20.50
MCS1_STBC	2	20.50
MCS2_STBC	2	20.50
MCS3_STBC	2	20.50
MCS4_STBC	2	20.50
MCS5_STBC	2	19.50
MCS6_STBC	2	18.50
MCS7_STBC	2	17.50
VHT8_9SS1_STBC	2	8.0
MCS8	2	20.50
MCS9	2	20.50
MCS10	2	20.50
MCS11	2	20.50
MCS12	2	20.50

MCS13	2	19.50
MCS14	2	18.50
MCS15	2	17.50
VHT8_9SS2	2	8.0
DSSS_MULTIF2	3	20.50
OFDM6_CDD2	3	20.50
OFDM9_CDD2	3	20.50
OFDM12_CDD2	3	20.50
OFDM18_CDD2	3	20.50
OFDM24_CDD2	3	20.50
OFDM36_CDD2	3	19.50
OFDM48_CDD2	3	18.50
OFDM54_CDD2	3	17.50
MCS0_CDD2	3	20.50
MCS1_CDD2	3	20.50
MCS2_CDD2	3	20.50
MCS3_CDD2	3	20.50
MCS4_CDD2	3	20.50
MCS5_CDD2	3	19.50
MCS6_CDD2	3	18.50
MCS7_CDD2	3	17.50
VHT8_9SS1_CDD2	3	8.0
MCS0_STBC_SPEXP1	3	20.50
MCS1_STBC_SPEXP1	3	20.50
MCS2_STBC_SPEXP1	3	20.50
MCS3_STBC_SPEXP1	3	20.50
MCS4_STBC_SPEXP1	3	20.50
MCS5_STBC_SPEXP1	3	19.50
MCS6_STBC_SPEXP1	3	18.50
MCS7_STBC_SPEXP1	3	17.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_SPEXP1	3	20.50
MCS9_SPEXP1	3	20.50
MCS10_SPEXP1	3	20.50
MCS11_SPEXP1	3	20.50
MCS12_SPEXP1	3	20.50
MCS13_SPEXP1	3	19.50
MCS14_SPEXP1	3	18.50

MCS15_SPEXP1	3	17.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16	3	20.50
MCS17	3	20.50
MCS18	3	20.50
MCS19	3	20.50
MCS20	3	20.50
MCS21	3	19.50
MCS22	3	18.50
MCS23	3	17.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50
Last est. power : 20.50 0.0 0.0
Power Target for the current rate : 20.50 20.50 20.50
Last adjusted est. power : 20.50 0.0 0.0

=====
====CH11, BW:20MHz====
=====

CM/80211_hal> wl -a wl0 curpower

Power Control: On, HW
Current Channel: 11
BSS Channel: (null)
BSS Local Max: 30.0 dBm
BSS Local Constraint: 0.0 dB
Channel Width: 20MHz
User Target: 31.75 dBm
SROM Antgain 2G: 2.0 dB
SROM Antgain 5G: 0.0 dB
SAR: -
Current rate: [DSSS1] rate 1 Mbps Tx Exp 0

Regulatory Limits:

Rate	Chains	20MHz
DSSS	1	22.50
OFDM	1	18.0

MCS0_7	1	18.0
VHT8_9SS1	1	18.0
DSSS_MULT11	2	21.50
OFDM_CDD1	2	17.50
MCS0_7_CDD1	2	17.50
VHT8_9SS1_CDD1	2	17.50
MCS0_7_STBC	2	17.50
VHT8_9SS1_STBC	2	17.50
MCS8_15	2	17.50
VHT8_9SS2	2	17.50
DSSS_MULT12	3	21.50
OFDM_CDD2	3	17.0
MCS0_7_CDD2	3	17.0
VHT8_9SS1_CDD2	3	17.0
MCS0_7_STBC_SPEXP1	3	17.0
VHT8_9SS1_STBC_SPEXP1	3	17.0
MCS8_15_SPEXP1	3	17.0
VHT8_9SS2_SPEXP1	3	17.0
MCS16_23	3	17.0
VHT8_9SS3	3	17.0

Core Index: 0

Board Limits:

Rate	Chains 20MHz	
DSSS	1	22.0
OFDM6	1	22.0
OFDM9	1	22.0
OFDM12	1	22.0
OFDM18	1	22.0
OFDM24	1	22.0
OFDM36	1	21.0
OFDM48	1	20.0
OFDM54	1	19.0
MCS0	1	22.0
MCS1	1	22.0
MCS2	1	22.0
MCS3	1	22.0
MCS4	1	22.0

MCS5	1	21.0
MCS6	1	20.0
MCS7	1	19.0
VHT8_9SS1	1	-
DSSS_MULTT1	2	22.0
OFDM6_CDD1	2	22.0
OFDM9_CDD1	2	22.0
OFDM12_CDD1	2	22.0
OFDM18_CDD1	2	22.0
OFDM24_CDD1	2	22.0
OFDM36_CDD1	2	21.0
OFDM48_CDD1	2	20.0
OFDM54_CDD1	2	19.0
MCS0_CDD1	2	22.0
MCS1_CDD1	2	22.0
MCS2_CDD1	2	22.0
MCS3_CDD1	2	22.0
MCS4_CDD1	2	22.0
MCS5_CDD1	2	21.0
MCS6_CDD1	2	20.0
MCS7_CDD1	2	19.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	22.0
MCS1_STBC	2	22.0
MCS2_STBC	2	22.0
MCS3_STBC	2	22.0
MCS4_STBC	2	22.0
MCS5_STBC	2	21.0
MCS6_STBC	2	20.0
MCS7_STBC	2	19.0
VHT8_9SS1_STBC	2	-
MCS8	2	22.0
MCS9	2	22.0
MCS10	2	22.0
MCS11	2	22.0
MCS12	2	22.0
MCS13	2	21.0
MCS14	2	20.0

MCS15	2	19.0
VHT8_9SS2	2	-
DSSS_MULTIT2	3	22.0
OFDM6_CDD2	3	22.0
OFDM9_CDD2	3	22.0
OFDM12_CDD2	3	22.0
OFDM18_CDD2	3	22.0
OFDM24_CDD2	3	22.0
OFDM36_CDD2	3	21.0
OFDM48_CDD2	3	20.0
OFDM54_CDD2	3	19.0
MCS0_CDD2	3	22.0
MCS1_CDD2	3	22.0
MCS2_CDD2	3	22.0
MCS3_CDD2	3	22.0
MCS4_CDD2	3	22.0
MCS5_CDD2	3	21.0
MCS6_CDD2	3	20.0
MCS7_CDD2	3	19.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	22.0
MCS1_STBC_SPEXP1	3	22.0
MCS2_STBC_SPEXP1	3	22.0
MCS3_STBC_SPEXP1	3	22.0
MCS4_STBC_SPEXP1	3	22.0
MCS5_STBC_SPEXP1	3	21.0
MCS6_STBC_SPEXP1	3	20.0
MCS7_STBC_SPEXP1	3	19.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	22.0
MCS9_SPEXP1	3	22.0
MCS10_SPEXP1	3	22.0
MCS11_SPEXP1	3	22.0
MCS12_SPEXP1	3	22.0
MCS13_SPEXP1	3	21.0
MCS14_SPEXP1	3	20.0
MCS15_SPEXP1	3	19.0
VHT8_9SS2_SPEXP1	3	-

MCS16	3	22.0
MCS17	3	22.0
MCS18	3	22.0
MCS19	3	22.0
MCS20	3	22.0
MCS21	3	21.0
MCS22	3	20.0
MCS23	3	19.0
VHT8_9SS3	3	-

Power Targets:

Rate	Chains 20MHz	
DSSS	1	20.50
OFDM	1	16.50
MCS0_7	1	16.50
VHT8_9SS1	1	8.0
DSSS_MULTI1	2	20.0
OFDM_CDD1	2	16.0
MCS0_7_CDD1	2	16.0
VHT8_9SS1_CDD1	2	8.0
MCS0_7_STBC	2	16.0
VHT8_9SS1_STBC	2	8.0
MCS8_15	2	16.0
VHT8_9SS2	2	8.0
DSSS_MULTI2	3	20.0
OFDM_CDD2	3	15.50
MCS0_7_CDD2	3	15.50
VHT8_9SS1_CDD2	3	8.0
MCS0_7_STBC_SPEXP1	3	15.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_15_SPEXP1	3	15.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16_23	3	15.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50

Last est. power : 20.50 0.0 0.0

Power Target for the current rate : 20.50 20.50 20.50

Last adjusted est. power : 20.50 0.0 0.0

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====CH3, BW:40MHz=====

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Power Control: On, HW
Current Channel: 1l
BSS Channel: (null)
BSS Local Max: 30.0 dBm
BSS Local Constraint: 0.0 dB
Channel Width: 40MHz
User Target: 31.75 dBm
SROM Antgain 2G: 2.0 dB
SROM Antgain 5G: 0.0 dB
SAR: -
Current rate: [MCS8] ht mcs 16 Tx Exp 0 BW 40

Regulatory Limits:

Rate	Chains	20in40	40MHz
DSSS	1	22.50	-
OFDM	1	16.0	16.0
MCS0_7	1	16.0	16.0
VHT8_9SS1	1	16.0	16.0
DSSS_MULTI1	2	21.50	-
OFDM_CDD1	2	16.0	16.0
MCS0_7_CDD1	2	16.0	16.0
VHT8_9SS1_CDD1	2	16.0	16.0
MCS0_7_STBC	2	16.0	16.0
VHT8_9SS1_STBC	2	16.0	16.0
MCS8_15	2	16.0	16.0
VHT8_9SS2	2	16.0	16.0
DSSS_MULTI2	3	21.0	-
OFDM_CDD2	3	16.0	16.0
MCS0_7_CDD2	3	16.0	16.0
VHT8_9SS1_CDD2	3	16.0	16.0
MCS0_7_STBC_SPEXP1	3	16.0	16.0
VHT8_9SS1_STBC_SPEXP1	3	16.0	16.0
MCS8_15_SPEXP1	3	16.0	16.0
VHT8_9SS2_SPEXP1	3	16.0	16.0

MCS16_23	3	16.0	16.0
VHT8_9SS3	3	16.0	16.0

Core Index: 0

Board Limits:

Rate	Chains 20in40 40MHz		
DSSS	1	22.0	-
OFDM6	1	22.0	22.0
OFDM9	1	22.0	22.0
OFDM12	1	22.0	22.0
OFDM18	1	22.0	22.0
OFDM24	1	22.0	22.0
OFDM36	1	21.0	21.0
OFDM48	1	20.0	20.0
OFDM54	1	19.0	19.0
MCS0	1	22.0	22.0
MCS1	1	22.0	22.0
MCS2	1	22.0	22.0
MCS3	1	22.0	22.0
MCS4	1	22.0	22.0
MCS5	1	21.0	21.0
MCS6	1	20.0	20.0
MCS7	1	19.0	19.0
VHT8_9SS1	1	-	-
DSSS_MULTI1	2	22.0	-
OFDM6_CDD1	2	22.0	22.0
OFDM9_CDD1	2	22.0	22.0
OFDM12_CDD1	2	22.0	22.0
OFDM18_CDD1	2	22.0	22.0
OFDM24_CDD1	2	22.0	22.0
OFDM36_CDD1	2	21.0	21.0
OFDM48_CDD1	2	20.0	20.0
OFDM54_CDD1	2	19.0	19.0
MCS0_CDD1	2	22.0	22.0
MCS1_CDD1	2	22.0	22.0
MCS2_CDD1	2	22.0	22.0
MCS3_CDD1	2	22.0	22.0
MCS4_CDD1	2	22.0	22.0

MCS5_CDD1	2	21.0	21.0
MCS6_CDD1	2	20.0	20.0
MCS7_CDD1	2	19.0	19.0
VHT8_9SS1_CDD1	2	-	-
MCS0_STBC	2	22.0	22.0
MCS1_STBC	2	22.0	22.0
MCS2_STBC	2	22.0	22.0
MCS3_STBC	2	22.0	22.0
MCS4_STBC	2	22.0	22.0
MCS5_STBC	2	21.0	21.0
MCS6_STBC	2	20.0	20.0
MCS7_STBC	2	19.0	19.0
VHT8_9SS1_STBC	2	-	-
MCS8	2	22.0	22.0
MCS9	2	22.0	22.0
MCS10	2	22.0	22.0
MCS11	2	22.0	22.0
MCS12	2	22.0	22.0
MCS13	2	21.0	21.0
MCS14	2	20.0	20.0
MCS15	2	19.0	19.0
VHT8_9SS2	2	-	-
DSSS_MULTI2	3	22.0	-
OFDM6_CDD2	3	22.0	22.0
OFDM9_CDD2	3	22.0	22.0
OFDM12_CDD2	3	22.0	22.0
OFDM18_CDD2	3	22.0	22.0
OFDM24_CDD2	3	22.0	22.0
OFDM36_CDD2	3	21.0	21.0
OFDM48_CDD2	3	20.0	20.0
OFDM54_CDD2	3	19.0	19.0
MCS0_CDD2	3	22.0	22.0
MCS1_CDD2	3	22.0	22.0
MCS2_CDD2	3	22.0	22.0
MCS3_CDD2	3	22.0	22.0
MCS4_CDD2	3	22.0	22.0
MCS5_CDD2	3	21.0	21.0
MCS6_CDD2	3	20.0	20.0

MCS7_CDD2	3	19.0	19.0
VHT8_9SS1_CDD2	3	-	-
MCS0_STBC_SPEXP1	3	22.0	22.0
MCS1_STBC_SPEXP1	3	22.0	22.0
MCS2_STBC_SPEXP1	3	22.0	22.0
MCS3_STBC_SPEXP1	3	22.0	22.0
MCS4_STBC_SPEXP1	3	22.0	22.0
MCS5_STBC_SPEXP1	3	21.0	21.0
MCS6_STBC_SPEXP1	3	20.0	20.0
MCS7_STBC_SPEXP1	3	19.0	19.0
VHT8_9SS1_STBC_SPEXP1	3	-	-
MCS8_SPEXP1	3	22.0	22.0
MCS9_SPEXP1	3	22.0	22.0
MCS10_SPEXP1	3	22.0	22.0
MCS11_SPEXP1	3	22.0	22.0
MCS12_SPEXP1	3	22.0	22.0
MCS13_SPEXP1	3	21.0	21.0
MCS14_SPEXP1	3	20.0	20.0
MCS15_SPEXP1	3	19.0	19.0
VHT8_9SS2_SPEXP1	3	-	-
MCS16	3	22.0	22.0
MCS17	3	22.0	22.0
MCS18	3	22.0	22.0
MCS19	3	22.0	22.0
MCS20	3	22.0	22.0
MCS21	3	21.0	21.0
MCS22	3	20.0	20.0
MCS23	3	19.0	19.0
VHT8_9SS3	3	-	-

Power Targets:

Rate	Chains 20in40 40MHz		
DSSS	1	20.50	-
OFDM	1	14.50	14.50
MCS0_7	1	14.50	14.50
VHT8_9SS1	1	8.0	8.0
DSSS_MULTI1	2	20.0	-
OFDM_CDD1	2	14.50	14.50

MCS0_7_CDD1	2	14.50	14.50
VHT8_9SS1_CDD1	2	8.0	8.0
MCS0_7_STBC	2	14.50	14.50
VHT8_9SS1_STBC	2	8.0	8.0
MCS8_15	2	14.50	14.50
VHT8_9SS2	2	8.0	8.0
DSSS_MULTT2	3	19.50	-
OFDM_CDD2	3	14.50	14.50
MCS0_7_CDD2	3	14.50	14.50
VHT8_9SS1_CDD2	3	8.0	8.0
MCS0_7_STBC_SPEXP1	3	14.50	14.50
VHT8_9SS1_STBC_SPEXP1	3	8.0	8.0
MCS8_15_SPEXP1	3	14.50	14.50
VHT8_9SS2_SPEXP1	3	8.0	8.0
MCS16_23	3	14.50	14.50
VHT8_9SS3	3	8.0	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50
Last est. power : 14.75 14.75 14.75
Power Target for the current rate : 14.50 14.50 14.50
Last adjusted est. power : 20.75 20.75 20.75

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====CH6, BW:40MHz====
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CM/80211_hal> wl -a wl0 curpower

Power Control: On, HW
Current Channel: 4l
BSS Channel: (null)
BSS Local Max: 30.0 dBm
BSS Local Constraint: 0.0 dB
Channel Width: 40MHz
User Target: 31.75 dBm
SROM Antgain 2G: 2.0 dB
SROM Antgain 5G: 0.0 dB
SAR: -
Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 40

Regulatory Limits:

Rate	Chains 20in40 40MHz		
DSSS	1	25.0	-
OFDM	1	17.0	17.0
MCS0_7	1	17.0	17.0
VHT8_9SS1	1	17.0	17.0
DSSS_MULTI1	2	23.50	-
OFDM_CDD1	2	17.0	17.0
MCS0_7_CDD1	2	17.0	17.0
VHT8_9SS1_CDD1	2	17.0	17.0
MCS0_7_STBC	2	17.0	17.0
VHT8_9SS1_STBC	2	17.0	17.0
MCS8_15	2	17.0	17.0
VHT8_9SS2	2	17.0	17.0
DSSS_MULTI2	3	22.0	-
OFDM_CDD2	3	22.50	22.50
MCS0_7_CDD2	3	22.50	22.50
VHT8_9SS1_CDD2	3	22.50	22.50
MCS0_7_STBC_SPEXP1	3	22.50	22.50
VHT8_9SS1_STBC_SPEXP1	3	22.50	22.50
MCS8_15_SPEXP1	3	22.50	22.50
VHT8_9SS2_SPEXP1	3	22.50	22.50
MCS16_23	3	22.50	22.50
VHT8_9SS3	3	22.50	22.50

Core Index: 0

Board Limits:

Rate	Chains 20in40 40MHz		
DSSS	1	22.0	-
OFDM6	1	22.0	22.0
OFDM9	1	22.0	22.0
OFDM12	1	22.0	22.0
OFDM18	1	22.0	22.0
OFDM24	1	22.0	22.0
OFDM36	1	21.0	21.0
OFDM48	1	20.0	20.0
OFDM54	1	19.0	19.0

MCS0	1	22.0	22.0
MCS1	1	22.0	22.0
MCS2	1	22.0	22.0
MCS3	1	22.0	22.0
MCS4	1	22.0	22.0
MCS5	1	21.0	21.0
MCS6	1	20.0	20.0
MCS7	1	19.0	19.0
VHT8_9SS1	1	-	-
DSSS_MULTI1	2	22.0	-
OFDM6_CDD1	2	22.0	22.0
OFDM9_CDD1	2	22.0	22.0
OFDM12_CDD1	2	22.0	22.0
OFDM18_CDD1	2	22.0	22.0
OFDM24_CDD1	2	22.0	22.0
OFDM36_CDD1	2	21.0	21.0
OFDM48_CDD1	2	20.0	20.0
OFDM54_CDD1	2	19.0	19.0
MCS0_CDD1	2	22.0	22.0
MCS1_CDD1	2	22.0	22.0
MCS2_CDD1	2	22.0	22.0
MCS3_CDD1	2	22.0	22.0
MCS4_CDD1	2	22.0	22.0
MCS5_CDD1	2	21.0	21.0
MCS6_CDD1	2	20.0	20.0
MCS7_CDD1	2	19.0	19.0
VHT8_9SS1_CDD1	2	-	-
MCS0_STBC	2	22.0	22.0
MCS1_STBC	2	22.0	22.0
MCS2_STBC	2	22.0	22.0
MCS3_STBC	2	22.0	22.0
MCS4_STBC	2	22.0	22.0
MCS5_STBC	2	21.0	21.0
MCS6_STBC	2	20.0	20.0
MCS7_STBC	2	19.0	19.0
VHT8_9SS1_STBC	2	-	-
MCS8	2	22.0	22.0
MCS9	2	22.0	22.0

MCS10	2	22.0	22.0
MCS11	2	22.0	22.0
MCS12	2	22.0	22.0
MCS13	2	21.0	21.0
MCS14	2	20.0	20.0
MCS15	2	19.0	19.0
VHT8_9SS2	2	-	-
DSSS_MULTI2	3	22.0	-
OFDM6_CDD2	3	22.0	22.0
OFDM9_CDD2	3	22.0	22.0
OFDM12_CDD2	3	22.0	22.0
OFDM18_CDD2	3	22.0	22.0
OFDM24_CDD2	3	22.0	22.0
OFDM36_CDD2	3	21.0	21.0
OFDM48_CDD2	3	20.0	20.0
OFDM54_CDD2	3	19.0	19.0
MCS0_CDD2	3	22.0	22.0
MCS1_CDD2	3	22.0	22.0
MCS2_CDD2	3	22.0	22.0
MCS3_CDD2	3	22.0	22.0
MCS4_CDD2	3	22.0	22.0
MCS5_CDD2	3	21.0	21.0
MCS6_CDD2	3	20.0	20.0
MCS7_CDD2	3	19.0	19.0
VHT8_9SS1_CDD2	3	-	-
MCS0_STBC_SPEXP1	3	22.0	22.0
MCS1_STBC_SPEXP1	3	22.0	22.0
MCS2_STBC_SPEXP1	3	22.0	22.0
MCS3_STBC_SPEXP1	3	22.0	22.0
MCS4_STBC_SPEXP1	3	22.0	22.0
MCS5_STBC_SPEXP1	3	21.0	21.0
MCS6_STBC_SPEXP1	3	20.0	20.0
MCS7_STBC_SPEXP1	3	19.0	19.0
VHT8_9SS1_STBC_SPEXP1	3	-	-
MCS8_SPEXP1	3	22.0	22.0
MCS9_SPEXP1	3	22.0	22.0
MCS10_SPEXP1	3	22.0	22.0
MCS11_SPEXP1	3	22.0	22.0

MCS12_SPEXP1	3	22.0	22.0
MCS13_SPEXP1	3	21.0	21.0
MCS14_SPEXP1	3	20.0	20.0
MCS15_SPEXP1	3	19.0	19.0
VHT8_9SS2_SPEXP1	3	-	-
MCS16	3	22.0	22.0
MCS17	3	22.0	22.0
MCS18	3	22.0	22.0
MCS19	3	22.0	22.0
MCS20	3	22.0	22.0
MCS21	3	21.0	21.0
MCS22	3	20.0	20.0
MCS23	3	19.0	19.0
VHT8_9SS3	3	-	-

Power Targets:

Rate	Chains 20in40 40MHz		
DSSS	1	20.50	-
OFDM	1	15.50	15.50
MCS0_7	1	15.50	15.50
VHT8_9SS1	1	8.0	8.0
DSSS_MULTI1	2	20.50	-
OFDM_CDD1	2	15.50	15.50
MCS0_7_CDD1	2	15.50	15.50
VHT8_9SS1_CDD1	2	8.0	8.0
MCS0_7_STBC	2	15.50	15.50
VHT8_9SS1_STBC	2	8.0	8.0
MCS8_15	2	15.50	15.50
VHT8_9SS2	2	8.0	8.0
DSSS_MULTI2	3	20.50	-
OFDM6_CDD2	3	20.50	20.50
OFDM9_CDD2	3	20.50	20.50
OFDM12_CDD2	3	20.50	20.50
OFDM18_CDD2	3	20.50	20.50
OFDM24_CDD2	3	20.50	20.50
OFDM36_CDD2	3	19.50	19.50
OFDM48_CDD2	3	18.50	18.50
OFDM54_CDD2	3	17.50	17.50

MCS0_CDD2	3	20.50	20.50
MCS1_CDD2	3	20.50	20.50
MCS2_CDD2	3	20.50	20.50
MCS3_CDD2	3	20.50	20.50
MCS4_CDD2	3	20.50	20.50
MCS5_CDD2	3	19.50	19.50
MCS6_CDD2	3	18.50	18.50
MCS7_CDD2	3	17.50	17.50
VHT8_9SS1_CDD2	3	8.0	8.0
MCS0_STBC_SPEXP1	3	20.50	20.50
MCS1_STBC_SPEXP1	3	20.50	20.50
MCS2_STBC_SPEXP1	3	20.50	20.50
MCS3_STBC_SPEXP1	3	20.50	20.50
MCS4_STBC_SPEXP1	3	20.50	20.50
MCS5_STBC_SPEXP1	3	19.50	19.50
MCS6_STBC_SPEXP1	3	18.50	18.50
MCS7_STBC_SPEXP1	3	17.50	17.50
VHT8_9SS1_STBC_SPEXP1	3	8.0	8.0
MCS8_SPEXP1	3	20.50	20.50
MCS9_SPEXP1	3	20.50	20.50
MCS10_SPEXP1	3	20.50	20.50
MCS11_SPEXP1	3	20.50	20.50
MCS12_SPEXP1	3	20.50	20.50
MCS13_SPEXP1	3	19.50	19.50
MCS14_SPEXP1	3	18.50	18.50
MCS15_SPEXP1	3	17.50	17.50
VHT8_9SS2_SPEXP1	3	8.0	8.0
MCS16	3	20.50	20.50
MCS17	3	20.50	20.50
MCS18	3	20.50	20.50
MCS19	3	20.50	20.50
MCS20	3	20.50	20.50
MCS21	3	19.50	19.50
MCS22	3	18.50	18.50
MCS23	3	17.50	17.50
VHT8_9SS3	3	8.0	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50

Last est. power : 20.50 20.50 20.50
 Power Target for the current rate : 20.50 20.50 20.50
 Last adjusted est. power : 20.50 20.50 20.50

=====
 =====CH9, BW:40MHz=====

CM/80211_hal> wl -a wl0 curpower

Power Control: On, HW
 Current Channel: 71
 BSS Channel: (null)
 BSS Local Max: 30.0 dBm
 BSS Local Constraint: 0.0 dB
 Channel Width: 40MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 2.0 dB
 SROM Antgain 5G: 0.0 dB
 SAR: -
 Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 40

Regulatory Limits:

Rate	Chains	20in40	40MHz
DSSS	1	25.0	-
OFDM	1	13.0	13.0
MCS0_7	1	13.0	13.0
VHT8_9SS1	1	13.0	13.0
DSSS_MULTI1	2	23.50	-
OFDM_CDD1	2	13.0	13.0
MCS0_7_CDD1	2	13.0	13.0
VHT8_9SS1_CDD1	2	13.0	13.0
MCS0_7_STBC	2	13.0	13.0
VHT8_9SS1_STBC	2	13.0	13.0
MCS8_15	2	13.0	13.0
VHT8_9SS2	2	13.0	13.0
DSSS_MULTI2	3	22.0	-
OFDM_CDD2	3	16.0	16.0
MCS0_7_CDD2	3	16.0	16.0
VHT8_9SS1_CDD2	3	16.0	16.0

MCS0_7_STBC_SPEXP1	3	16.0	16.0
VHT8_9SS1_STBC_SPEXP1	3	16.0	16.0
MCS8_15_SPEXP1	3	16.0	16.0
VHT8_9SS2_SPEXP1	3	16.0	16.0
MCS16_23	3	16.0	16.0
VHT8_9SS3	3	16.0	16.0

Core Index: 0

Board Limits:

Rate	Chains 20in40 40MHz		
DSSS	1	22.0	-
OFDM6	1	22.0	22.0
OFDM9	1	22.0	22.0
OFDM12	1	22.0	22.0
OFDM18	1	22.0	22.0
OFDM24	1	22.0	22.0
OFDM36	1	21.0	21.0
OFDM48	1	20.0	20.0
OFDM54	1	19.0	19.0
MCS0	1	22.0	22.0
MCS1	1	22.0	22.0
MCS2	1	22.0	22.0
MCS3	1	22.0	22.0
MCS4	1	22.0	22.0
MCS5	1	21.0	21.0
MCS6	1	20.0	20.0
MCS7	1	19.0	19.0
VHT8_9SS1	1	-	-
DSSS_MULTI1	2	22.0	-
OFDM6_CDD1	2	22.0	22.0
OFDM9_CDD1	2	22.0	22.0
OFDM12_CDD1	2	22.0	22.0
OFDM18_CDD1	2	22.0	22.0
OFDM24_CDD1	2	22.0	22.0
OFDM36_CDD1	2	21.0	21.0
OFDM48_CDD1	2	20.0	20.0
OFDM54_CDD1	2	19.0	19.0
MCS0_CDD1	2	22.0	22.0

MCS1_CDD1	2	22.0	22.0
MCS2_CDD1	2	22.0	22.0
MCS3_CDD1	2	22.0	22.0
MCS4_CDD1	2	22.0	22.0
MCS5_CDD1	2	21.0	21.0
MCS6_CDD1	2	20.0	20.0
MCS7_CDD1	2	19.0	19.0
VHT8_9SS1_CDD1	2	-	-
MCS0_STBC	2	22.0	22.0
MCS1_STBC	2	22.0	22.0
MCS2_STBC	2	22.0	22.0
MCS3_STBC	2	22.0	22.0
MCS4_STBC	2	22.0	22.0
MCS5_STBC	2	21.0	21.0
MCS6_STBC	2	20.0	20.0
MCS7_STBC	2	19.0	19.0
VHT8_9SS1_STBC	2	-	-
MCS8	2	22.0	22.0
MCS9	2	22.0	22.0
MCS10	2	22.0	22.0
MCS11	2	22.0	22.0
MCS12	2	22.0	22.0
MCS13	2	21.0	21.0
MCS14	2	20.0	20.0
MCS15	2	19.0	19.0
VHT8_9SS2	2	-	-
DSSS_MULTI2	3	22.0	-
OFDM6_CDD2	3	22.0	22.0
OFDM9_CDD2	3	22.0	22.0
OFDM12_CDD2	3	22.0	22.0
OFDM18_CDD2	3	22.0	22.0
OFDM24_CDD2	3	22.0	22.0
OFDM36_CDD2	3	21.0	21.0
OFDM48_CDD2	3	20.0	20.0
OFDM54_CDD2	3	19.0	19.0
MCS0_CDD2	3	22.0	22.0
MCS1_CDD2	3	22.0	22.0
MCS2_CDD2	3	22.0	22.0

MCS3_CDD2	3	22.0	22.0
MCS4_CDD2	3	22.0	22.0
MCS5_CDD2	3	21.0	21.0
MCS6_CDD2	3	20.0	20.0
MCS7_CDD2	3	19.0	19.0
VHT8_9SS1_CDD2	3	-	-
MCS0_STBC_SPEXP1	3	22.0	22.0
MCS1_STBC_SPEXP1	3	22.0	22.0
MCS2_STBC_SPEXP1	3	22.0	22.0
MCS3_STBC_SPEXP1	3	22.0	22.0
MCS4_STBC_SPEXP1	3	22.0	22.0
MCS5_STBC_SPEXP1	3	21.0	21.0
MCS6_STBC_SPEXP1	3	20.0	20.0
MCS7_STBC_SPEXP1	3	19.0	19.0
VHT8_9SS1_STBC_SPEXP1	3	-	-
MCS8_SPEXP1	3	22.0	22.0
MCS9_SPEXP1	3	22.0	22.0
MCS10_SPEXP1	3	22.0	22.0
MCS11_SPEXP1	3	22.0	22.0
MCS12_SPEXP1	3	22.0	22.0
MCS13_SPEXP1	3	21.0	21.0
MCS14_SPEXP1	3	20.0	20.0
MCS15_SPEXP1	3	19.0	19.0
VHT8_9SS2_SPEXP1	3	-	-
MCS16	3	22.0	22.0
MCS17	3	22.0	22.0
MCS18	3	22.0	22.0
MCS19	3	22.0	22.0
MCS20	3	22.0	22.0
MCS21	3	21.0	21.0
MCS22	3	20.0	20.0
MCS23	3	19.0	19.0
VHT8_9SS3	3	-	-

Power Targets:

Rate	Chains 20in40 40MHz		
DSSS	1	20.50	-
OFDM	1	11.50	11.50

MCS0_7	1	11.50	11.50
VHT8_9SS1	1	8.0	8.0
DSSS_MULT11	2	20.50	-
OFDM_CDD1	2	11.50	11.50
MCS0_7_CDD1	2	11.50	11.50
VHT8_9SS1_CDD1	2	8.0	8.0
MCS0_7_STBC	2	11.50	11.50
VHT8_9SS1_STBC	2	8.0	8.0
MCS8_15	2	11.50	11.50
VHT8_9SS2	2	8.0	8.0
DSSS_MULT12	3	20.50	-
OFDM_CDD2	3	14.50	14.50
MCS0_7_CDD2	3	14.50	14.50
VHT8_9SS1_CDD2	3	8.0	8.0
MCS0_7_STBC_SPEXP1	3	14.50	14.50
VHT8_9SS1_STBC_SPEXP1	3	8.0	8.0
MCS8_15_SPEXP1	3	14.50	14.50
VHT8_9SS2_SPEXP1	3	8.0	8.0
MCS16_23	3	14.50	14.50
VHT8_9SS3	3	8.0	8.0

Maximum Power Target among all rates: 20.50 20.50 20.50
Last est. power : 14.75 14.0 14.75
Power Target for the current rate : 14.50 14.50 14.50
Last adjusted est. power : 20.75 20.0 20.75

```
=====
===== 5G Curpower Value =====
=====
=====
====CH149, BW:20MHz====
=====
```

CM/80211_hal> wl -a wl1 curpower

Power Control: On, HW

Current Channel: 149
 BSS Channel: (null)
 BSS Local Max: 30.0 dBm
 BSS Local Constraint: 0.0 dB
 Channel Width: 20MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 0.0 dB
 SROM Antgain 5G: 2.0 dB
 SAR: -
 Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 20

Regulatory Limits:

Rate	Chains 20MHz	
DSSS	1	-
OFDM	1	29.50
MCS0_7	1	29.50
VHT8_9SS1	1	-
DSSS_MULTI1	2	-
OFDM_CDD1	2	26.50
MCS0_7_CDD1	2	26.50
VHT8_9SS1_CDD1	2	26.50
MCS0_7_STBC	2	26.50
VHT8_9SS1_STBC	2	26.50
MCS8_15	2	26.50
VHT8_9SS2	2	26.50
DSSS_MULTI2	3	-
OFDM_CDD2	3	24.50
MCS0_7_CDD2	3	24.50
VHT8_9SS1_CDD2	3	24.50
MCS0_7_STBC_SPEXP1	3	24.50
VHT8_9SS1_STBC_SPEXP1	3	24.50
MCS8_15_SPEXP1	3	24.50
VHT8_9SS2_SPEXP1	3	24.50
MCS16_23	3	24.50
VHT8_9SS3	3	24.50

Core Index: 0

Board Limits:

Rate	Chains 20MHz	
DSSS	1	-
OFDM6	1	21.0
OFDM9	1	21.0
OFDM12	1	21.0
OFDM18	1	21.0
OFDM24	1	20.0
OFDM36	1	20.0
OFDM48	1	19.0
OFDM54	1	18.0
MCS0	1	21.0
MCS1	1	21.0
MCS2	1	21.0
MCS3	1	21.0
MCS4	1	20.0
MCS5	1	20.0
MCS6	1	19.0
MCS7	1	18.0
VHT8_9SS1	1	-
DSSS_MULTI1	2	-
OFDM6_CDD1	2	21.0
OFDM9_CDD1	2	21.0
OFDM12_CDD1	2	21.0
OFDM18_CDD1	2	21.0
OFDM24_CDD1	2	20.0
OFDM36_CDD1	2	20.0
OFDM48_CDD1	2	19.0
OFDM54_CDD1	2	18.0
MCS0_CDD1	2	21.0
MCS1_CDD1	2	21.0
MCS2_CDD1	2	21.0
MCS3_CDD1	2	21.0
MCS4_CDD1	2	20.0
MCS5_CDD1	2	20.0
MCS6_CDD1	2	19.0
MCS7_CDD1	2	18.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	21.0

MCS1_STBC	2	21.0
MCS2_STBC	2	21.0
MCS3_STBC	2	21.0
MCS4_STBC	2	20.0
MCS5_STBC	2	20.0
MCS6_STBC	2	19.0
MCS7_STBC	2	18.0
VHT8_9SS1_STBC	2	-
MCS8	2	21.0
MCS9	2	21.0
MCS10	2	21.0
MCS11	2	21.0
MCS12	2	20.0
MCS13	2	20.0
MCS14	2	19.0
MCS15	2	18.0
VHT8_9SS2	2	-
DSSS_MULTI2	3	-
OFDM6_CDD2	3	21.0
OFDM9_CDD2	3	21.0
OFDM12_CDD2	3	21.0
OFDM18_CDD2	3	21.0
OFDM24_CDD2	3	20.0
OFDM36_CDD2	3	20.0
OFDM48_CDD2	3	19.0
OFDM54_CDD2	3	18.0
MCS0_CDD2	3	21.0
MCS1_CDD2	3	21.0
MCS2_CDD2	3	21.0
MCS3_CDD2	3	21.0
MCS4_CDD2	3	20.0
MCS5_CDD2	3	20.0
MCS6_CDD2	3	19.0
MCS7_CDD2	3	18.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	21.0
MCS1_STBC_SPEXP1	3	21.0
MCS2_STBC_SPEXP1	3	21.0

MCS3_STBC_SPEXP1	3	21.0
MCS4_STBC_SPEXP1	3	20.0
MCS5_STBC_SPEXP1	3	20.0
MCS6_STBC_SPEXP1	3	19.0
MCS7_STBC_SPEXP1	3	18.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	21.0
MCS9_SPEXP1	3	21.0
MCS10_SPEXP1	3	21.0
MCS11_SPEXP1	3	21.0
MCS12_SPEXP1	3	20.0
MCS13_SPEXP1	3	20.0
MCS14_SPEXP1	3	19.0
MCS15_SPEXP1	3	18.0
VHT8_9SS2_SPEXP1	3	-
MCS16	3	21.0
MCS17	3	21.0
MCS18	3	21.0
MCS19	3	21.0
MCS20	3	20.0
MCS21	3	20.0
MCS22	3	19.0
MCS23	3	18.0
VHT8_9SS3	3	-

Power Targets:

Rate	Chains 20MHz	
DSSS	1	8.0
OFDM6	1	19.50
OFDM9	1	19.50
OFDM12	1	19.50
OFDM18	1	19.50
OFDM24	1	18.50
OFDM36	1	18.50
OFDM48	1	17.50
OFDM54	1	16.50
MCS0	1	19.50
MCS1	1	19.50

MCS2	1	19.50
MCS3	1	19.50
MCS4	1	18.50
MCS5	1	18.50
MCS6	1	17.50
MCS7	1	16.50
VHT8_9SS1	1	8.0
DSSS_MULTI1	2	8.0
OFDM6_CDD1	2	19.50
OFDM9_CDD1	2	19.50
OFDM12_CDD1	2	19.50
OFDM18_CDD1	2	19.50
OFDM24_CDD1	2	18.50
OFDM36_CDD1	2	18.50
OFDM48_CDD1	2	17.50
OFDM54_CDD1	2	16.50
MCS0_CDD1	2	19.50
MCS1_CDD1	2	19.50
MCS2_CDD1	2	19.50
MCS3_CDD1	2	19.50
MCS4_CDD1	2	18.50
MCS5_CDD1	2	18.50
MCS6_CDD1	2	17.50
MCS7_CDD1	2	16.50
VHT8_9SS1_CDD1	2	8.0
MCS0_STBC	2	19.50
MCS1_STBC	2	19.50
MCS2_STBC	2	19.50
MCS3_STBC	2	19.50
MCS4_STBC	2	18.50
MCS5_STBC	2	18.50
MCS6_STBC	2	17.50
MCS7_STBC	2	16.50
VHT8_9SS1_STBC	2	8.0
MCS8	2	19.50
MCS9	2	19.50
MCS10	2	19.50
MCS11	2	19.50

MCS12	2	18.50
MCS13	2	18.50
MCS14	2	17.50
MCS15	2	16.50
VHT8_9SS2	2	8.0
DSSS_MULTI2	3	8.0
OFDM6_CDD2	3	19.50
OFDM9_CDD2	3	19.50
OFDM12_CDD2	3	19.50
OFDM18_CDD2	3	19.50
OFDM24_CDD2	3	18.50
OFDM36_CDD2	3	18.50
OFDM48_CDD2	3	17.50
OFDM54_CDD2	3	16.50
MCS0_CDD2	3	19.50
MCS1_CDD2	3	19.50
MCS2_CDD2	3	19.50
MCS3_CDD2	3	19.50
MCS4_CDD2	3	18.50
MCS5_CDD2	3	18.50
MCS6_CDD2	3	17.50
MCS7_CDD2	3	16.50
VHT8_9SS1_CDD2	3	8.0
MCS0_STBC_SPEXP1	3	19.50
MCS1_STBC_SPEXP1	3	19.50
MCS2_STBC_SPEXP1	3	19.50
MCS3_STBC_SPEXP1	3	19.50
MCS4_STBC_SPEXP1	3	18.50
MCS5_STBC_SPEXP1	3	18.50
MCS6_STBC_SPEXP1	3	17.50
MCS7_STBC_SPEXP1	3	16.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_SPEXP1	3	19.50
MCS9_SPEXP1	3	19.50
MCS10_SPEXP1	3	19.50
MCS11_SPEXP1	3	19.50
MCS12_SPEXP1	3	18.50
MCS13_SPEXP1	3	18.50

MCS14_SPEXP1	3	17.50
MCS15_SPEXP1	3	16.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16	3	19.50
MCS17	3	19.50
MCS18	3	19.50
MCS19	3	19.50
MCS20	3	18.50
MCS21	3	18.50
MCS22	3	17.50
MCS23	3	16.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 19.50 19.50 19.50
 Last est. power : 19.25 19.50 19.25
 Power Target for the current rate : 19.50 19.50 19.50
 Last adjusted est. power : 19.25 19.50 19.25

=====
 ====CH157, BW:20MHz====
 =====

CM/80211_hal> wl -a wl1 curpower

Power Control: On, HW
 Current Channel: 157
 BSS Channel: (null)
 BSS Local Max: 30.0 dBm
 Logging event: WiFi Interface [wl1] set to Channel 157 (Side-Band Channel:N/A) -
 Reason:GUI
 BSS Local Constraint: 0.0 dB
 Channel Width: 20MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 0.0 dB
 SROM Antgain 5G: 2.0 dB
 SAR: -
 Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 20

Regulatory Limits:
 Rate Chains 20MHz

DSSS	1	-
OFDM	1	29.50
MCS0_7	1	29.50
VHT8_9SS1	1	-
DSSS_MULTI1	2	-
OFDM_CDD1	2	26.50
MCS0_7_CDD1	2	26.50
VHT8_9SS1_CDD1	2	26.50
MCS0_7_STBC	2	26.50
VHT8_9SS1_STBC	2	26.50
MCS8_15	2	26.50
VHT8_9SS2	2	26.50
DSSS_MULTI2	3	-
OFDM_CDD2	3	24.50
MCS0_7_CDD2	3	24.50
VHT8_9SS1_CDD2	3	24.50
MCS0_7_STBC_SPEXP1	3	24.50
VHT8_9SS1_STBC_SPEXP1	3	24.50
MCS8_15_SPEXP1	3	24.50
VHT8_9SS2_SPEXP1	3	24.50
MCS16_23	3	24.50
VHT8_9SS3	3	24.50

Core Index: 0

Board Limits:

Rate	Chains 20MHz	
DSSS	1	-
OFDM6	1	21.0
OFDM9	1	21.0
OFDM12	1	21.0
OFDM18	1	21.0
OFDM24	1	20.0
OFDM36	1	20.0
OFDM48	1	19.0
OFDM54	1	18.0
MCS0	1	21.0
MCS1	1	21.0
MCS2	1	21.0

MCS3	1	21.0
MCS4	1	20.0
MCS5	1	20.0
MCS6	1	19.0
MCS7	1	18.0
VHT8_9SS1	1	-
DSSS_MULTT1	2	-
OFDM6_CDD1	2	21.0
OFDM9_CDD1	2	21.0
OFDM12_CDD1	2	21.0
OFDM18_CDD1	2	21.0
OFDM24_CDD1	2	20.0
OFDM36_CDD1	2	20.0
OFDM48_CDD1	2	19.0
OFDM54_CDD1	2	18.0
MCS0_CDD1	2	21.0
MCS1_CDD1	2	21.0
MCS2_CDD1	2	21.0
MCS3_CDD1	2	21.0
MCS4_CDD1	2	20.0
MCS5_CDD1	2	20.0
MCS6_CDD1	2	19.0
MCS7_CDD1	2	18.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	21.0
MCS1_STBC	2	21.0
MCS2_STBC	2	21.0
MCS3_STBC	2	21.0
MCS4_STBC	2	20.0
MCS5_STBC	2	20.0
MCS6_STBC	2	19.0
MCS7_STBC	2	18.0
VHT8_9SS1_STBC	2	-
MCS8	2	21.0
MCS9	2	21.0
MCS10	2	21.0
MCS11	2	21.0
MCS12	2	20.0

MCS13	2	20.0
MCS14	2	19.0
MCS15	2	18.0
VHT8_9SS2	2	-
DSSS_MULTI2	3	-
OFDM6_CDD2	3	21.0
OFDM9_CDD2	3	21.0
OFDM12_CDD2	3	21.0
OFDM18_CDD2	3	21.0
OFDM24_CDD2	3	20.0
OFDM36_CDD2	3	20.0
OFDM48_CDD2	3	19.0
OFDM54_CDD2	3	18.0
MCS0_CDD2	3	21.0
MCS1_CDD2	3	21.0
MCS2_CDD2	3	21.0
MCS3_CDD2	3	21.0
MCS4_CDD2	3	20.0
MCS5_CDD2	3	20.0
MCS6_CDD2	3	19.0
MCS7_CDD2	3	18.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	21.0
MCS1_STBC_SPEXP1	3	21.0
MCS2_STBC_SPEXP1	3	21.0
MCS3_STBC_SPEXP1	3	21.0
MCS4_STBC_SPEXP1	3	20.0
MCS5_STBC_SPEXP1	3	20.0
MCS6_STBC_SPEXP1	3	19.0
MCS7_STBC_SPEXP1	3	18.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	21.0
MCS9_SPEXP1	3	21.0
MCS10_SPEXP1	3	21.0
MCS11_SPEXP1	3	21.0
MCS12_SPEXP1	3	20.0
MCS13_SPEXP1	3	20.0
MCS14_SPEXP1	3	19.0

MCS15_SPEXP1	3	18.0
VHT8_9SS2_SPEXP1	3	-
MCS16	3	21.0
MCS17	3	21.0
MCS18	3	21.0
MCS19	3	21.0
MCS20	3	20.0
MCS21	3	20.0
MCS22	3	19.0
MCS23	3	18.0
VHT8_9SS3	3	-

Power Targets:

Rate	Chains 20MHz	
DSSS	1	8.0
OFDM6	1	19.50
OFDM9	1	19.50
OFDM12	1	19.50
OFDM18	1	19.50
OFDM24	1	18.50
OFDM36	1	18.50
OFDM48	1	17.50
OFDM54	1	16.50
MCS0	1	19.50
MCS1	1	19.50
MCS2	1	19.50
MCS3	1	19.50
MCS4	1	18.50
MCS5	1	18.50
MCS6	1	17.50
MCS7	1	16.50
VHT8_9SS1	1	8.0
DSSS_MULTI1	2	8.0
OFDM6_CDD1	2	19.50
OFDM9_CDD1	2	19.50
OFDM12_CDD1	2	19.50
OFDM18_CDD1	2	19.50
OFDM24_CDD1	2	18.50

OFDM36_CDD1	2	18.50
OFDM48_CDD1	2	17.50
OFDM54_CDD1	2	16.50
MCS0_CDD1	2	19.50
MCS1_CDD1	2	19.50
MCS2_CDD1	2	19.50
MCS3_CDD1	2	19.50
MCS4_CDD1	2	18.50
MCS5_CDD1	2	18.50
MCS6_CDD1	2	17.50
MCS7_CDD1	2	16.50
VHT8_9SS1_CDD1	2	8.0
MCS0_STBC	2	19.50
MCS1_STBC	2	19.50
MCS2_STBC	2	19.50
MCS3_STBC	2	19.50
MCS4_STBC	2	18.50
MCS5_STBC	2	18.50
MCS6_STBC	2	17.50
MCS7_STBC	2	16.50
VHT8_9SS1_STBC	2	8.0
MCS8	2	19.50
MCS9	2	19.50
MCS10	2	19.50
MCS11	2	19.50
MCS12	2	18.50
MCS13	2	18.50
MCS14	2	17.50
MCS15	2	16.50
VHT8_9SS2	2	8.0
DSSS_MULTI2	3	8.0
OFDM6_CDD2	3	19.50
OFDM9_CDD2	3	19.50
OFDM12_CDD2	3	19.50
OFDM18_CDD2	3	19.50
OFDM24_CDD2	3	18.50
OFDM36_CDD2	3	18.50
OFDM48_CDD2	3	17.50

OFDM54_CDD2	3	16.50
MCS0_CDD2	3	19.50
MCS1_CDD2	3	19.50
MCS2_CDD2	3	19.50
MCS3_CDD2	3	19.50
MCS4_CDD2	3	18.50
MCS5_CDD2	3	18.50
MCS6_CDD2	3	17.50
MCS7_CDD2	3	16.50
VHT8_9SS1_CDD2	3	8.0
MCS0_STBC_SPEXP1	3	19.50
MCS1_STBC_SPEXP1	3	19.50
MCS2_STBC_SPEXP1	3	19.50
MCS3_STBC_SPEXP1	3	19.50
MCS4_STBC_SPEXP1	3	18.50
MCS5_STBC_SPEXP1	3	18.50
MCS6_STBC_SPEXP1	3	17.50
MCS7_STBC_SPEXP1	3	16.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_SPEXP1	3	19.50
MCS9_SPEXP1	3	19.50
MCS10_SPEXP1	3	19.50
MCS11_SPEXP1	3	19.50
MCS12_SPEXP1	3	18.50
MCS13_SPEXP1	3	18.50
MCS14_SPEXP1	3	17.50
MCS15_SPEXP1	3	16.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16	3	19.50
MCS17	3	19.50
MCS18	3	19.50
MCS19	3	19.50
MCS20	3	18.50
MCS21	3	18.50
MCS22	3	17.50
MCS23	3	16.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 19.50 19.50 19.50
 Last est. power : 19.25 19.50 19.25
 Power Target for the current rate : 19.50 19.50 19.50
 Last adjusted est. power : 19.25 19.50 19.25

=====
 =====CH165, BW:20MHz====
 =====

CM/80211_hal> wl -a wl1 curpower

Power Control: On, HW
 Current Channel: 165
 BSS Channel: (null)
 BSS Local Max: 30.0 dBm
 BSS Local Constraint: 0.0 dB
 Channel Width: 20MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 0.0 dB
 SROM Antgain 5G: 2.0 dB
 SAR: -
 Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 20

Regulatory Limits:

Rate	Chains	20MHz
DSSS	1	-
OFDM	1	29.50
MCS0_7	1	29.50
VHT8_9SS1	1	-
DSSS_MULTI1	2	-
OFDM_CDD1	2	26.50
MCS0_7_CDD1	2	26.50
VHT8_9SS1_CDD1	2	26.50
MCS0_7_STBC	2	26.50
VHT8_9SS1_STBC	2	26.50
MCS8_15	2	26.50
VHT8_9SS2	2	26.50
DSSS_MULTI2	3	-
OFDM_CDD2	3	24.50

MCS0_7_CDD2	3	24.50
VHT8_9SS1_CDD2	3	24.50
MCS0_7_STBC_SPEXP1	3	24.50
VHT8_9SS1_STBC_SPEXP1	3	24.50
MCS8_15_SPEXP1	3	24.50
VHT8_9SS2_SPEXP1	3	24.50
MCS16_23	3	24.50
VHT8_9SS3	3	24.50

Core Index: 0

Board Limits:

Rate	Chains 20MHz	
DSSS	1	-
OFDM6	1	21.0
OFDM9	1	21.0
OFDM12	1	21.0
OFDM18	1	21.0
OFDM24	1	20.0
OFDM36	1	20.0
OFDM48	1	19.0
OFDM54	1	18.0
MCS0	1	21.0
MCS1	1	21.0
MCS2	1	21.0
MCS3	1	21.0
MCS4	1	20.0
MCS5	1	20.0
MCS6	1	19.0
MCS7	1	18.0
VHT8_9SS1	1	-
DSSS_MULTI1	2	-
OFDM6_CDD1	2	21.0
OFDM9_CDD1	2	21.0
OFDM12_CDD1	2	21.0
OFDM18_CDD1	2	21.0
OFDM24_CDD1	2	20.0
OFDM36_CDD1	2	20.0
OFDM48_CDD1	2	19.0

OFDM54_CDD1	2	18.0
MCS0_CDD1	2	21.0
MCS1_CDD1	2	21.0
MCS2_CDD1	2	21.0
MCS3_CDD1	2	21.0
MCS4_CDD1	2	20.0
MCS5_CDD1	2	20.0
MCS6_CDD1	2	19.0
MCS7_CDD1	2	18.0
VHT8_9SS1_CDD1	2	-
MCS0_STBC	2	21.0
MCS1_STBC	2	21.0
MCS2_STBC	2	21.0
MCS3_STBC	2	21.0
MCS4_STBC	2	20.0
MCS5_STBC	2	20.0
MCS6_STBC	2	19.0
MCS7_STBC	2	18.0
VHT8_9SS1_STBC	2	-
MCS8	2	21.0
MCS9	2	21.0
MCS10	2	21.0
MCS11	2	21.0
MCS12	2	20.0
MCS13	2	20.0
MCS14	2	19.0
MCS15	2	18.0
VHT8_9SS2	2	-
DSSS_MULTI2	3	-
OFDM6_CDD2	3	21.0
OFDM9_CDD2	3	21.0
OFDM12_CDD2	3	21.0
OFDM18_CDD2	3	21.0
OFDM24_CDD2	3	20.0
OFDM36_CDD2	3	20.0
OFDM48_CDD2	3	19.0
OFDM54_CDD2	3	18.0
MCS0_CDD2	3	21.0

MCS1_CDD2	3	21.0
MCS2_CDD2	3	21.0
MCS3_CDD2	3	21.0
MCS4_CDD2	3	20.0
MCS5_CDD2	3	20.0
MCS6_CDD2	3	19.0
MCS7_CDD2	3	18.0
VHT8_9SS1_CDD2	3	-
MCS0_STBC_SPEXP1	3	21.0
MCS1_STBC_SPEXP1	3	21.0
MCS2_STBC_SPEXP1	3	21.0
MCS3_STBC_SPEXP1	3	21.0
MCS4_STBC_SPEXP1	3	20.0
MCS5_STBC_SPEXP1	3	20.0
MCS6_STBC_SPEXP1	3	19.0
MCS7_STBC_SPEXP1	3	18.0
VHT8_9SS1_STBC_SPEXP1	3	-
MCS8_SPEXP1	3	21.0
MCS9_SPEXP1	3	21.0
MCS10_SPEXP1	3	21.0
MCS11_SPEXP1	3	21.0
MCS12_SPEXP1	3	20.0
MCS13_SPEXP1	3	20.0
MCS14_SPEXP1	3	19.0
MCS15_SPEXP1	3	18.0
VHT8_9SS2_SPEXP1	3	-
MCS16	3	21.0
MCS17	3	21.0
MCS18	3	21.0
MCS19	3	21.0
MCS20	3	20.0
MCS21	3	20.0
MCS22	3	19.0
MCS23	3	18.0
VHT8_9SS3	3	-

Power Targets:

Rate Chains 20MHz

DSSS	1	8.0
OFDM6	1	19.50
OFDM9	1	19.50
OFDM12	1	19.50
OFDM18	1	19.50
OFDM24	1	18.50
OFDM36	1	18.50
OFDM48	1	17.50
OFDM54	1	16.50
MCS0	1	19.50
MCS1	1	19.50
MCS2	1	19.50
MCS3	1	19.50
MCS4	1	18.50
MCS5	1	18.50
MCS6	1	17.50
MCS7	1	16.50
VHT8_9SS1	1	8.0
DSSS_MULTI1	2	8.0
OFDM6_CDD1	2	19.50
OFDM9_CDD1	2	19.50
OFDM12_CDD1	2	19.50
OFDM18_CDD1	2	19.50
OFDM24_CDD1	2	18.50
OFDM36_CDD1	2	18.50
OFDM48_CDD1	2	17.50
OFDM54_CDD1	2	16.50
MCS0_CDD1	2	19.50
MCS1_CDD1	2	19.50
MCS2_CDD1	2	19.50
MCS3_CDD1	2	19.50
MCS4_CDD1	2	18.50
MCS5_CDD1	2	18.50
MCS6_CDD1	2	17.50
MCS7_CDD1	2	16.50
VHT8_9SS1_CDD1	2	8.0
MCS0_STBC	2	19.50
MCS1_STBC	2	19.50

MCS2_STBC	2	19.50
MCS3_STBC	2	19.50
MCS4_STBC	2	18.50
MCS5_STBC	2	18.50
MCS6_STBC	2	17.50
MCS7_STBC	2	16.50
VHT8_9SS1_STBC	2	8.0
MCS8	2	19.50
MCS9	2	19.50
MCS10	2	19.50
MCS11	2	19.50
MCS12	2	18.50
MCS13	2	18.50
MCS14	2	17.50
MCS15	2	16.50
VHT8_9SS2	2	8.0
DSSS_MULTI2	3	8.0
OFDM6_CDD2	3	19.50
OFDM9_CDD2	3	19.50
OFDM12_CDD2	3	19.50
OFDM18_CDD2	3	19.50
OFDM24_CDD2	3	18.50
OFDM36_CDD2	3	18.50
OFDM48_CDD2	3	17.50
OFDM54_CDD2	3	16.50
MCS0_CDD2	3	19.50
MCS1_CDD2	3	19.50
MCS2_CDD2	3	19.50
MCS3_CDD2	3	19.50
MCS4_CDD2	3	18.50
MCS5_CDD2	3	18.50
MCS6_CDD2	3	17.50
MCS7_CDD2	3	16.50
VHT8_9SS1_CDD2	3	8.0
MCS0_STBC_SPEXP1	3	19.50
MCS1_STBC_SPEXP1	3	19.50
MCS2_STBC_SPEXP1	3	19.50
MCS3_STBC_SPEXP1	3	19.50

MCS4_STBC_SPEXP1	3	18.50
MCS5_STBC_SPEXP1	3	18.50
MCS6_STBC_SPEXP1	3	17.50
MCS7_STBC_SPEXP1	3	16.50
VHT8_9SS1_STBC_SPEXP1	3	8.0
MCS8_SPEXP1	3	19.50
MCS9_SPEXP1	3	19.50
MCS10_SPEXP1	3	19.50
MCS11_SPEXP1	3	19.50
MCS12_SPEXP1	3	18.50
MCS13_SPEXP1	3	18.50
MCS14_SPEXP1	3	17.50
MCS15_SPEXP1	3	16.50
VHT8_9SS2_SPEXP1	3	8.0
MCS16	3	19.50
MCS17	3	19.50
MCS18	3	19.50
MCS19	3	19.50
MCS20	3	18.50
MCS21	3	18.50
MCS22	3	17.50
MCS23	3	16.50
VHT8_9SS3	3	8.0

Maximum Power Target among all rates: 19.50 19.50 19.50
Last est. power : 19.25 19.50 19.50
Power Target for the current rate : 19.50 19.50 19.50
Last adjusted est. power : 19.25 19.50 19.50

```
=====
====CH151, BW:40MHz====
=====
```

```
CM/80211_hal> wl -a wl1 curpower
```

```
Power Control:      On, HW
Current Channel:    149I
BSS Channel:       (null)
BSS Local Max:     0.0 dBm
```

BSS Local Constraint: 0.0 dB
 Channel Width: 40MHz
 User Target: 31.75 dBm
 SROM Antgain 2G: 0.0 dB
 SROM Antgain 5G: 2.0 dB
 SAR: -
 Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 40

Regulatory Limits:

Rate	Chains	20in40	40MHz
DSSS	1	-	-
OFDM	1	29.50	29.50
MCS0_7	1	29.50	29.50
VHT8_9SS1	1	29.50	29.50
DSSS_MULTI1	2	-	-
OFDM_CDD1	2	26.50	26.50
MCS0_7_CDD1	2	26.50	26.50
VHT8_9SS1_CDD1	2	26.50	26.50
MCS0_7_STBC	2	26.50	26.50
VHT8_9SS1_STBC	2	26.50	26.50
MCS8_15	2	26.50	26.50
VHT8_9SS2	2	26.50	26.50
DSSS_MULTI2	3	-	-
OFDM_CDD2	3	24.50	24.50
MCS0_7_CDD2	3	24.50	24.50
VHT8_9SS1_CDD2	3	24.50	24.50
MCS0_7_STBC_SPEXP1	3	24.50	24.50
VHT8_9SS1_STBC_SPEXP1	3	24.50	24.50
MCS8_15_SPEXP1	3	24.50	24.50
VHT8_9SS2_SPEXP1	3	24.50	24.50
MCS16_23	3	24.50	24.50
VHT8_9SS3	3	24.50	24.50

Core Index: 0

Board Limits:

Rate	Chains	20in40	40MHz
DSSS	1	-	-
OFDM6	1	21.0	21.0

OFDM9	1	21.0	21.0
OFDM12	1	21.0	21.0
OFDM18	1	21.0	21.0
OFDM24	1	20.0	20.0
OFDM36	1	20.0	20.0
OFDM48	1	19.0	19.0
OFDM54	1	18.0	18.0
MCS0	1	21.0	21.0
MCS1	1	21.0	21.0
MCS2	1	21.0	21.0
MCS3	1	21.0	21.0
MCS4	1	20.0	20.0
MCS5	1	20.0	20.0
MCS6	1	19.0	19.0
MCS7	1	18.0	18.0
VHT8_9SS1	1	-	-
DSSS_MULTI1	2	-	-
OFDM6_CDD1	2	21.0	21.0
OFDM9_CDD1	2	21.0	21.0
OFDM12_CDD1	2	21.0	21.0
OFDM18_CDD1	2	21.0	21.0
OFDM24_CDD1	2	20.0	20.0
OFDM36_CDD1	2	20.0	20.0
OFDM48_CDD1	2	19.0	19.0
OFDM54_CDD1	2	18.0	18.0
MCS0_CDD1	2	21.0	21.0
MCS1_CDD1	2	21.0	21.0
MCS2_CDD1	2	21.0	21.0
MCS3_CDD1	2	21.0	21.0
MCS4_CDD1	2	20.0	20.0
MCS5_CDD1	2	20.0	20.0
MCS6_CDD1	2	19.0	19.0
MCS7_CDD1	2	18.0	18.0
VHT8_9SS1_CDD1	2	-	-
MCS0_STBC	2	21.0	21.0
MCS1_STBC	2	21.0	21.0
MCS2_STBC	2	21.0	21.0
MCS3_STBC	2	21.0	21.0

MCS4_STBC	2	20.0	20.0
MCS5_STBC	2	20.0	20.0
MCS6_STBC	2	19.0	19.0
MCS7_STBC	2	18.0	18.0
VHT8_9SS1_STBC	2	-	-
MCS8	2	21.0	21.0
MCS9	2	21.0	21.0
MCS10	2	21.0	21.0
MCS11	2	21.0	21.0
MCS12	2	20.0	20.0
MCS13	2	20.0	20.0
MCS14	2	19.0	19.0
MCS15	2	18.0	18.0
VHT8_9SS2	2	-	-
DSSS_MULTT2	3	-	-
OFDM6_CDD2	3	21.0	21.0
OFDM9_CDD2	3	21.0	21.0
OFDM12_CDD2	3	21.0	21.0
OFDM18_CDD2	3	21.0	21.0
OFDM24_CDD2	3	20.0	20.0
OFDM36_CDD2	3	20.0	20.0
OFDM48_CDD2	3	19.0	19.0
OFDM54_CDD2	3	18.0	18.0
MCS0_CDD2	3	21.0	21.0
MCS1_CDD2	3	21.0	21.0
MCS2_CDD2	3	21.0	21.0
MCS3_CDD2	3	21.0	21.0
MCS4_CDD2	3	20.0	20.0
MCS5_CDD2	3	20.0	20.0
MCS6_CDD2	3	19.0	19.0
MCS7_CDD2	3	18.0	18.0
VHT8_9SS1_CDD2	3	-	-
MCS0_STBC_SPEXP1	3	21.0	21.0
MCS1_STBC_SPEXP1	3	21.0	21.0
MCS2_STBC_SPEXP1	3	21.0	21.0
MCS3_STBC_SPEXP1	3	21.0	21.0
MCS4_STBC_SPEXP1	3	20.0	20.0
MCS5_STBC_SPEXP1	3	20.0	20.0

MCS6_STBC_SPEXP1	3	19.0	19.0
MCS7_STBC_SPEXP1	3	18.0	18.0
VHT8_9SS1_STBC_SPEXP1	3	-	-
MCS8_SPEXP1	3	21.0	21.0
MCS9_SPEXP1	3	21.0	21.0
MCS10_SPEXP1	3	21.0	21.0
MCS11_SPEXP1	3	21.0	21.0
MCS12_SPEXP1	3	20.0	20.0
MCS13_SPEXP1	3	20.0	20.0
MCS14_SPEXP1	3	19.0	19.0
MCS15_SPEXP1	3	18.0	18.0
VHT8_9SS2_SPEXP1	3	-	-
MCS16	3	21.0	21.0
MCS17	3	21.0	21.0
MCS18	3	21.0	21.0
MCS19	3	21.0	21.0
MCS20	3	20.0	20.0
MCS21	3	20.0	20.0
MCS22	3	19.0	19.0
MCS23	3	18.0	18.0
VHT8_9SS3	3	-	-

Power Targets:

Rate	Chains 20in40 40MHz		
DSSS	1	8.0	-
OFDM6	1	19.50	19.50
OFDM9	1	19.50	19.50
OFDM12	1	19.50	19.50
OFDM18	1	19.50	19.50
OFDM24	1	18.50	18.50
OFDM36	1	18.50	18.50
OFDM48	1	17.50	17.50
OFDM54	1	16.50	16.50
MCS0	1	19.50	19.50
MCS1	1	19.50	19.50
MCS2	1	19.50	19.50
MCS3	1	19.50	19.50
MCS4	1	18.50	18.50

MCS5	1	18.50	18.50
MCS6	1	17.50	17.50
MCS7	1	16.50	16.50
VHT8_9SS1	1	8.0	8.0
DSSS_MULTT1	2	8.0	-
OFDM6_CDD1	2	19.50	19.50
OFDM9_CDD1	2	19.50	19.50
OFDM12_CDD1	2	19.50	19.50
OFDM18_CDD1	2	19.50	19.50
OFDM24_CDD1	2	18.50	18.50
OFDM36_CDD1	2	18.50	18.50
OFDM48_CDD1	2	17.50	17.50
OFDM54_CDD1	2	16.50	16.50
MCS0_CDD1	2	19.50	19.50
MCS1_CDD1	2	19.50	19.50
MCS2_CDD1	2	19.50	19.50
MCS3_CDD1	2	19.50	19.50
MCS4_CDD1	2	18.50	18.50
MCS5_CDD1	2	18.50	18.50
MCS6_CDD1	2	17.50	17.50
MCS7_CDD1	2	16.50	16.50
VHT8_9SS1_CDD1	2	8.0	8.0
MCS0_STBC	2	19.50	19.50
MCS1_STBC	2	19.50	19.50
MCS2_STBC	2	19.50	19.50
MCS3_STBC	2	19.50	19.50
MCS4_STBC	2	18.50	18.50
MCS5_STBC	2	18.50	18.50
MCS6_STBC	2	17.50	17.50
MCS7_STBC	2	16.50	16.50
VHT8_9SS1_STBC	2	8.0	8.0
MCS8	2	19.50	19.50
MCS9	2	19.50	19.50
MCS10	2	19.50	19.50
MCS11	2	19.50	19.50
MCS12	2	18.50	18.50
MCS13	2	18.50	18.50
MCS14	2	17.50	17.50

MCS15	2	16.50	16.50
VHT8_9SS2	2	8.0	8.0
DSSS_MULTT2	3	8.0	-
OFDM6_CDD2	3	19.50	19.50
OFDM9_CDD2	3	19.50	19.50
OFDM12_CDD2	3	19.50	19.50
OFDM18_CDD2	3	19.50	19.50
OFDM24_CDD2	3	18.50	18.50
OFDM36_CDD2	3	18.50	18.50
OFDM48_CDD2	3	17.50	17.50
OFDM54_CDD2	3	16.50	16.50
MCS0_CDD2	3	19.50	19.50
MCS1_CDD2	3	19.50	19.50
MCS2_CDD2	3	19.50	19.50
MCS3_CDD2	3	19.50	19.50
MCS4_CDD2	3	18.50	18.50
MCS5_CDD2	3	18.50	18.50
MCS6_CDD2	3	17.50	17.50
MCS7_CDD2	3	16.50	16.50
VHT8_9SS1_CDD2	3	8.0	8.0
MCS0_STBC_SPEXP1	3	19.50	19.50
MCS1_STBC_SPEXP1	3	19.50	19.50
MCS2_STBC_SPEXP1	3	19.50	19.50
MCS3_STBC_SPEXP1	3	19.50	19.50
MCS4_STBC_SPEXP1	3	18.50	18.50
MCS5_STBC_SPEXP1	3	18.50	18.50
MCS6_STBC_SPEXP1	3	17.50	17.50
MCS7_STBC_SPEXP1	3	16.50	16.50
VHT8_9SS1_STBC_SPEXP1	3	8.0	8.0
MCS8_SPEXP1	3	19.50	19.50
MCS9_SPEXP1	3	19.50	19.50
MCS10_SPEXP1	3	19.50	19.50
MCS11_SPEXP1	3	19.50	19.50
MCS12_SPEXP1	3	18.50	18.50
MCS13_SPEXP1	3	18.50	18.50
MCS14_SPEXP1	3	17.50	17.50
MCS15_SPEXP1	3	16.50	16.50
VHT8_9SS2_SPEXP1	3	8.0	8.0

MCS16	3	19.50	19.50
MCS17	3	19.50	19.50
MCS18	3	19.50	19.50
MCS19	3	19.50	19.50
MCS20	3	18.50	18.50
MCS21	3	18.50	18.50
MCS22	3	17.50	17.50
MCS23	3	16.50	16.50
VHT8_9SS3	3	8.0	8.0

Maximum Power Target among all rates: 19.50 19.50 19.50
Last est. power : 19.25 19.0 19.25
Power Target for the current rate : 19.50 19.50 19.50
Last adjusted est. power : 19.25 19.0 19.25

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====CH159, BW:40MHz====
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Power Control: On, HW
Current Channel: 157I
BSS Channel: (null)
BSS Local Max: 0.0 dBm
BSS Local Constraint: 0.0 dB
Channel Width: 40MHz
User Target: 31.75 dBm
SROM Antgain 2G: 0.0 dB
SROM Antgain 5G: 2.0 dB
SAR: -
Current rate: [MCS16] ht mcs 16 Tx Exp 0 BW 40

Regulatory Limits:

Rate	Chains	20in40	40MHz
DSSS	1	-	-
OFDM	1	29.50	29.50
MCS0_7	1	29.50	29.50
VHT8_9SS1	1	29.50	29.50
DSSS_MULTI1	2	-	-
OFDM_CDD1	2	26.50	26.50

MCS0_7_CDD1	2	26.50	26.50
VHT8_9SS1_CDD1	2	26.50	26.50
MCS0_7_STBC	2	26.50	26.50
VHT8_9SS1_STBC	2	26.50	26.50
MCS8_15	2	26.50	26.50
VHT8_9SS2	2	26.50	26.50
DSSS_MULTI2	3	-	-
OFDM_CDD2	3	24.50	24.50
MCS0_7_CDD2	3	24.50	24.50
VHT8_9SS1_CDD2	3	24.50	24.50
MCS0_7_STBC_SPEXP1	3	24.50	24.50
VHT8_9SS1_STBC_SPEXP1	3	24.50	24.50
MCS8_15_SPEXP1	3	24.50	24.50
VHT8_9SS2_SPEXP1	3	24.50	24.50
MCS16_23	3	24.50	24.50
VHT8_9SS3	3	24.50	24.50

Core Index: 0

Board Limits:

Rate Chains 20in40 40MHz

DSSS	1	-	-
OFDM6	1	21.0	21.0
OFDM9	1	21.0	21.0
OFDM12	1	21.0	21.0
OFDM18	1	21.0	21.0
OFDM24	1	20.0	20.0
OFDM36	1	20.0	20.0
OFDM48	1	19.0	19.0
OFDM54	1	18.0	18.0
MCS0	1	21.0	21.0
MCS1	1	21.0	21.0
MCS2	1	21.0	21.0
MCS3	1	21.0	21.0
MCS4	1	20.0	20.0
MCS5	1	20.0	20.0
MCS6	1	19.0	19.0
MCS7	1	18.0	18.0
VHT8_9SS1	1	-	-

DSSS_MULTI1	2	-	-
OFDM6_CDD1	2	21.0	21.0
OFDM9_CDD1	2	21.0	21.0
OFDM12_CDD1	2	21.0	21.0
OFDM18_CDD1	2	21.0	21.0
OFDM24_CDD1	2	20.0	20.0
OFDM36_CDD1	2	20.0	20.0
OFDM48_CDD1	2	19.0	19.0
OFDM54_CDD1	2	18.0	18.0
MCS0_CDD1	2	21.0	21.0
MCS1_CDD1	2	21.0	21.0
MCS2_CDD1	2	21.0	21.0
MCS3_CDD1	2	21.0	21.0
MCS4_CDD1	2	20.0	20.0
MCS5_CDD1	2	20.0	20.0
MCS6_CDD1	2	19.0	19.0
MCS7_CDD1	2	18.0	18.0
VHT8_9SS1_CDD1	2	-	-
MCS0_STBC	2	21.0	21.0
MCS1_STBC	2	21.0	21.0
MCS2_STBC	2	21.0	21.0
MCS3_STBC	2	21.0	21.0
MCS4_STBC	2	20.0	20.0
MCS5_STBC	2	20.0	20.0
MCS6_STBC	2	19.0	19.0
MCS7_STBC	2	18.0	18.0
VHT8_9SS1_STBC	2	-	-
MCS8	2	21.0	21.0
MCS9	2	21.0	21.0
MCS10	2	21.0	21.0
MCS11	2	21.0	21.0
MCS12	2	20.0	20.0
MCS13	2	20.0	20.0
MCS14	2	19.0	19.0
MCS15	2	18.0	18.0
VHT8_9SS2	2	-	-
DSSS_MULTI2	3	-	-
OFDM6_CDD2	3	21.0	21.0

OFDM9_CDD2	3	21.0	21.0
OFDM12_CDD2	3	21.0	21.0
OFDM18_CDD2	3	21.0	21.0
OFDM24_CDD2	3	20.0	20.0
OFDM36_CDD2	3	20.0	20.0
OFDM48_CDD2	3	19.0	19.0
OFDM54_CDD2	3	18.0	18.0
MCS0_CDD2	3	21.0	21.0
MCS1_CDD2	3	21.0	21.0
MCS2_CDD2	3	21.0	21.0
MCS3_CDD2	3	21.0	21.0
MCS4_CDD2	3	20.0	20.0
MCS5_CDD2	3	20.0	20.0
MCS6_CDD2	3	19.0	19.0
MCS7_CDD2	3	18.0	18.0
VHT8_9SS1_CDD2	3	-	-
MCS0_STBC_SPEXP1	3	21.0	21.0
MCS1_STBC_SPEXP1	3	21.0	21.0
MCS2_STBC_SPEXP1	3	21.0	21.0
MCS3_STBC_SPEXP1	3	21.0	21.0
MCS4_STBC_SPEXP1	3	20.0	20.0
MCS5_STBC_SPEXP1	3	20.0	20.0
MCS6_STBC_SPEXP1	3	19.0	19.0
MCS7_STBC_SPEXP1	3	18.0	18.0
VHT8_9SS1_STBC_SPEXP1	3	-	-
MCS8_SPEXP1	3	21.0	21.0
MCS9_SPEXP1	3	21.0	21.0
MCS10_SPEXP1	3	21.0	21.0
MCS11_SPEXP1	3	21.0	21.0
MCS12_SPEXP1	3	20.0	20.0
MCS13_SPEXP1	3	20.0	20.0
MCS14_SPEXP1	3	19.0	19.0
MCS15_SPEXP1	3	18.0	18.0
VHT8_9SS2_SPEXP1	3	-	-
MCS16	3	21.0	21.0
MCS17	3	21.0	21.0
MCS18	3	21.0	21.0
MCS19	3	21.0	21.0

MCS20	3	20.0	20.0
MCS21	3	20.0	20.0
MCS22	3	19.0	19.0
MCS23	3	18.0	18.0
VHT8_9SS3	3	-	-

Power Targets:

Rate	Chains 20in40 40MHz		
DSSS	1	8.0	-
OFDM6	1	19.50	19.50
OFDM9	1	19.50	19.50
OFDM12	1	19.50	19.50
OFDM18	1	19.50	19.50
OFDM24	1	18.50	18.50
OFDM36	1	18.50	18.50
OFDM48	1	17.50	17.50
OFDM54	1	16.50	16.50
MCS0	1	19.50	19.50
MCS1	1	19.50	19.50
MCS2	1	19.50	19.50
MCS3	1	19.50	19.50
MCS4	1	18.50	18.50
MCS5	1	18.50	18.50
MCS6	1	17.50	17.50
MCS7	1	16.50	16.50
VHT8_9SS1	1	8.0	8.0
DSSS_MULTI1	2	8.0	-
OFDM6_CDD1	2	19.50	19.50
OFDM9_CDD1	2	19.50	19.50
OFDM12_CDD1	2	19.50	19.50
OFDM18_CDD1	2	19.50	19.50
OFDM24_CDD1	2	18.50	18.50
OFDM36_CDD1	2	18.50	18.50
OFDM48_CDD1	2	17.50	17.50
OFDM54_CDD1	2	16.50	16.50
MCS0_CDD1	2	19.50	19.50
MCS1_CDD1	2	19.50	19.50
MCS2_CDD1	2	19.50	19.50

MCS3_CDD1	2	19.50	19.50
MCS4_CDD1	2	18.50	18.50
MCS5_CDD1	2	18.50	18.50
MCS6_CDD1	2	17.50	17.50
MCS7_CDD1	2	16.50	16.50
VHT8_9SS1_CDD1	2	8.0	8.0
MCS0_STBC	2	19.50	19.50
MCS1_STBC	2	19.50	19.50
MCS2_STBC	2	19.50	19.50
MCS3_STBC	2	19.50	19.50
MCS4_STBC	2	18.50	18.50
MCS5_STBC	2	18.50	18.50
MCS6_STBC	2	17.50	17.50
MCS7_STBC	2	16.50	16.50
VHT8_9SS1_STBC	2	8.0	8.0
MCS8	2	19.50	19.50
MCS9	2	19.50	19.50
MCS10	2	19.50	19.50
MCS11	2	19.50	19.50
MCS12	2	18.50	18.50
MCS13	2	18.50	18.50
MCS14	2	17.50	17.50
MCS15	2	16.50	16.50
VHT8_9SS2	2	8.0	8.0
DSSS_MULTT2	3	8.0	-
OFDM6_CDD2	3	19.50	19.50
OFDM9_CDD2	3	19.50	19.50
OFDM12_CDD2	3	19.50	19.50
OFDM18_CDD2	3	19.50	19.50
OFDM24_CDD2	3	18.50	18.50
OFDM36_CDD2	3	18.50	18.50
OFDM48_CDD2	3	17.50	17.50
OFDM54_CDD2	3	16.50	16.50
MCS0_CDD2	3	19.50	19.50
MCS1_CDD2	3	19.50	19.50
MCS2_CDD2	3	19.50	19.50
MCS3_CDD2	3	19.50	19.50
MCS4_CDD2	3	18.50	18.50

MCS5_CDD2	3	18.50	18.50
MCS6_CDD2	3	17.50	17.50
MCS7_CDD2	3	16.50	16.50
VHT8_9SS1_CDD2	3	8.0	8.0
MCS0_STBC_SPEXP1	3	19.50	19.50
MCS1_STBC_SPEXP1	3	19.50	19.50
MCS2_STBC_SPEXP1	3	19.50	19.50
MCS3_STBC_SPEXP1	3	19.50	19.50
MCS4_STBC_SPEXP1	3	18.50	18.50
MCS5_STBC_SPEXP1	3	18.50	18.50
MCS6_STBC_SPEXP1	3	17.50	17.50
MCS7_STBC_SPEXP1	3	16.50	16.50
VHT8_9SS1_STBC_SPEXP1	3	8.0	8.0
MCS8_SPEXP1	3	19.50	19.50
MCS9_SPEXP1	3	19.50	19.50
MCS10_SPEXP1	3	19.50	19.50
MCS11_SPEXP1	3	19.50	19.50
MCS12_SPEXP1	3	18.50	18.50
MCS13_SPEXP1	3	18.50	18.50
MCS14_SPEXP1	3	17.50	17.50
MCS15_SPEXP1	3	16.50	16.50
VHT8_9SS2_SPEXP1	3	8.0	8.0
MCS16	3	19.50	19.50
MCS17	3	19.50	19.50
MCS18	3	19.50	19.50
MCS19	3	19.50	19.50
MCS20	3	18.50	18.50
MCS21	3	18.50	18.50
MCS22	3	17.50	17.50
MCS23	3	16.50	16.50
VHT8_9SS3	3	8.0	8.0

Maximum Power Target among all rates: 19.50 19.50 19.50
Last est. power : 19.25 19.50 19.25
Power Target for the current rate : 19.50 19.50 19.50
Last adjusted est. power : 19.25 19.50 19.25