

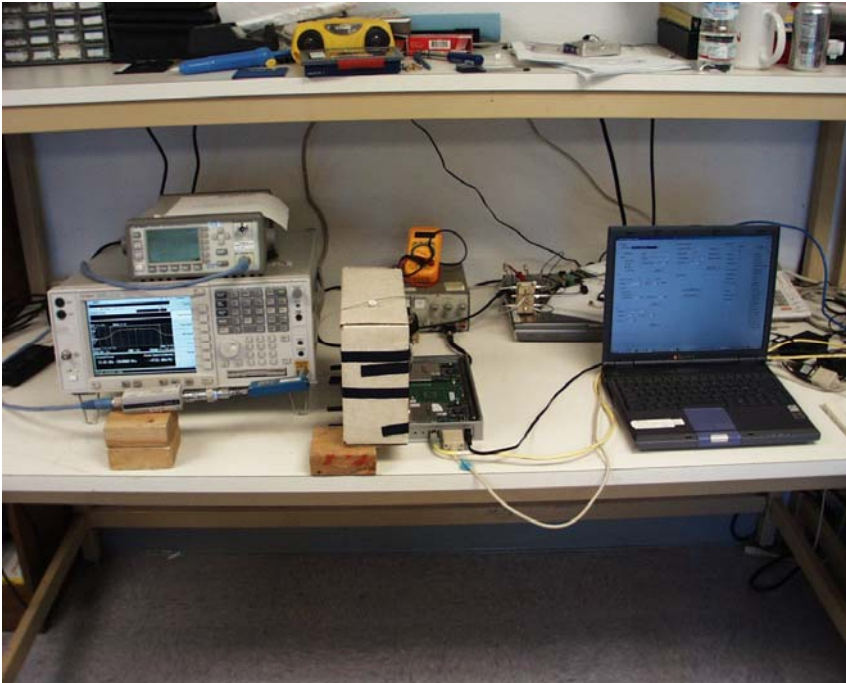
## Airgo Networks 1200AP Power Measurements - DTS Portion

FCC ID: SA3-AGN1202AP0000

Maximum Output power measurement summary

Mode	Frequency, MHz	P average, info only	P, DTS per Rules
		Agilent E4416A meter Agilent E9327A sensor	Agilent E4446A analyzer
802.11a 6 Mbps	5745	18.63 dBm AVE	27.47 dBm PEAK
	5785	19.75 dBm AVE	29.19 dBm PEAK
	5805	17.10 dBm AVE	27.80 dBm PEAK
802.11b 11 Mbps	2412	20.84 dBm AVE	22.33 dBm PEAK
	2437	20.72 dBm AVE	23.51 dBm PEAK
	2462	19.37 dBm AVE	22.33 dBm PEAK
802.11g 6 Mbps	2412	20.2 dBm AVE	28.54 dBm PEAK
	2437	19.95 dBm AVE	28.9 dBm PEAK
	2462	20.3 dBm AVE	28.21 dBm PEAK

### Test Set-Up



EUT controlled by Airgo "RTT" software, updated 30 Sept 2004

# Airgo Networks 1200AP Power Measurements

FCC ID: SA3-AGN1202AP0000

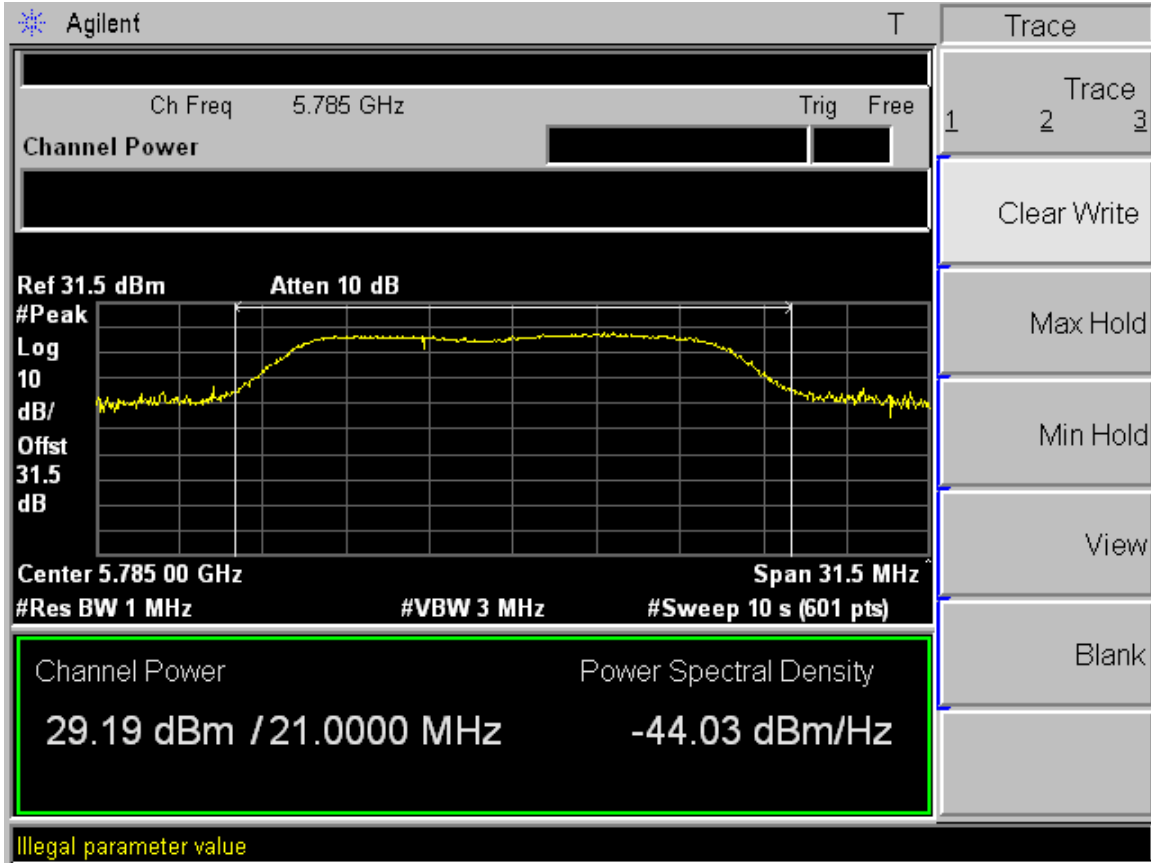
802.11 a mode      6 Mbps



# Airgo Networks 1200AP Power Measurements

FCC ID: SA3-AGN1202AP0000

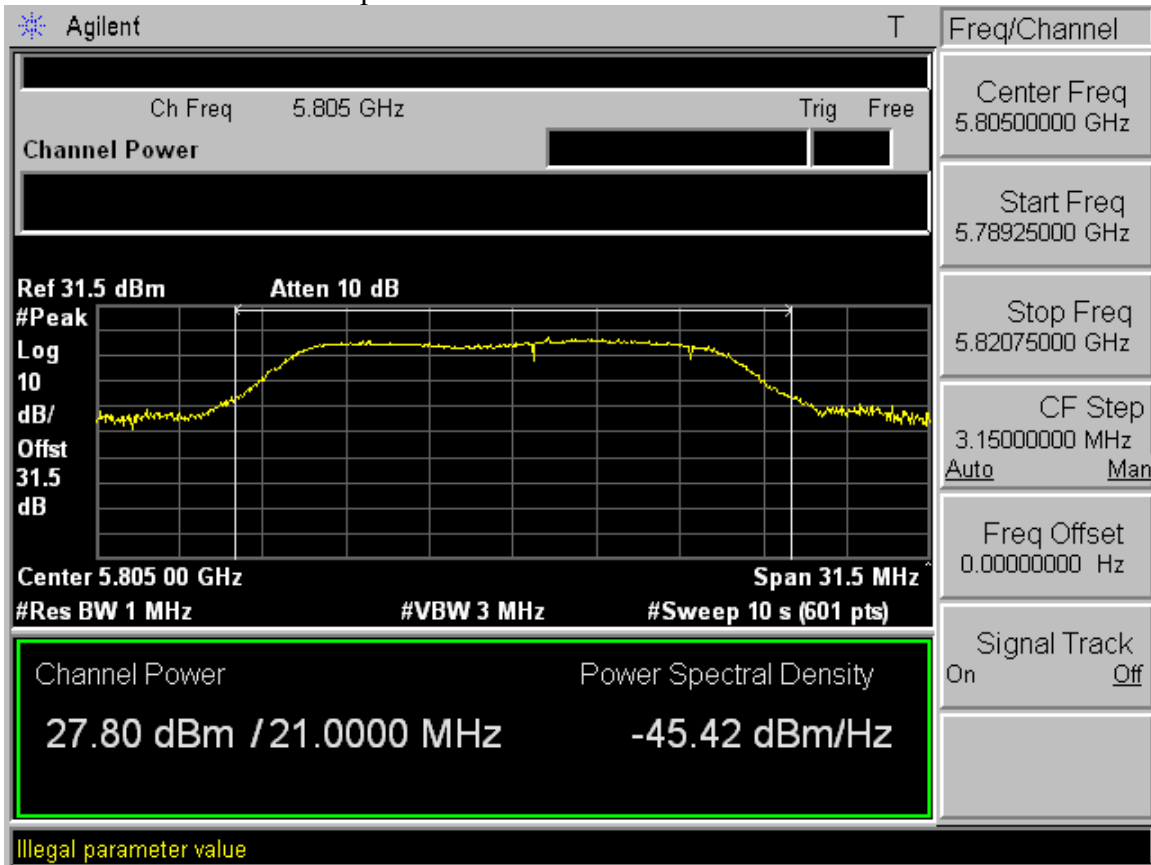
802.11 a mode      6 Mbps



Airgo Networks 1200AP Power Measurements

FCC ID: SA3-AGN1202AP0000

802.11 a mode      6 Mbps





FCC ID: SA3-AGN1202AP0000  
802.11 b mode

**Agilent** L

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**Ch Freq** 2.437 GHz **Trig** Free

Channel Power [ ] [ ]

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**Sweep Time 1.000 ms**

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Ref 30 dBm Atten 30 dB

#Peak Log

10 dB/

Offst 14

dB dB



Center 2.437 00 GHz Span 21.9 MHz

#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)

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<b>Channel Power</b>	<b>Power Spectral Density</b>
23.51 dBm /14.6018 MHz	-48.13 dBm/Hz

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**File Operation Status, A:\SCREN760.GIF file saved**

**Sweep**

**Sweep Time**  
1.000 ms  
Auto Man

**Sweep**  
Single Cont

**Auto Sweep Time**  
Norm Accy

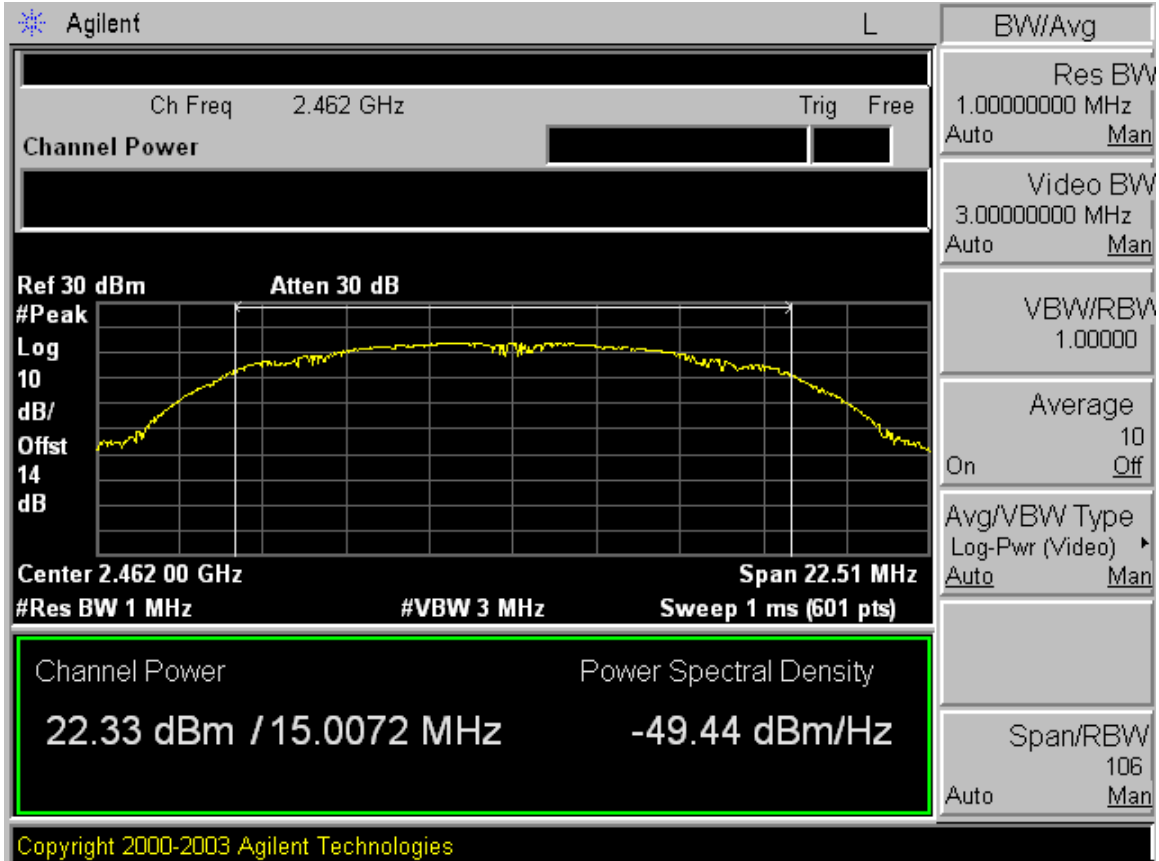
**Gate**  
On Off

**Gate Setup**

**Points**  
601

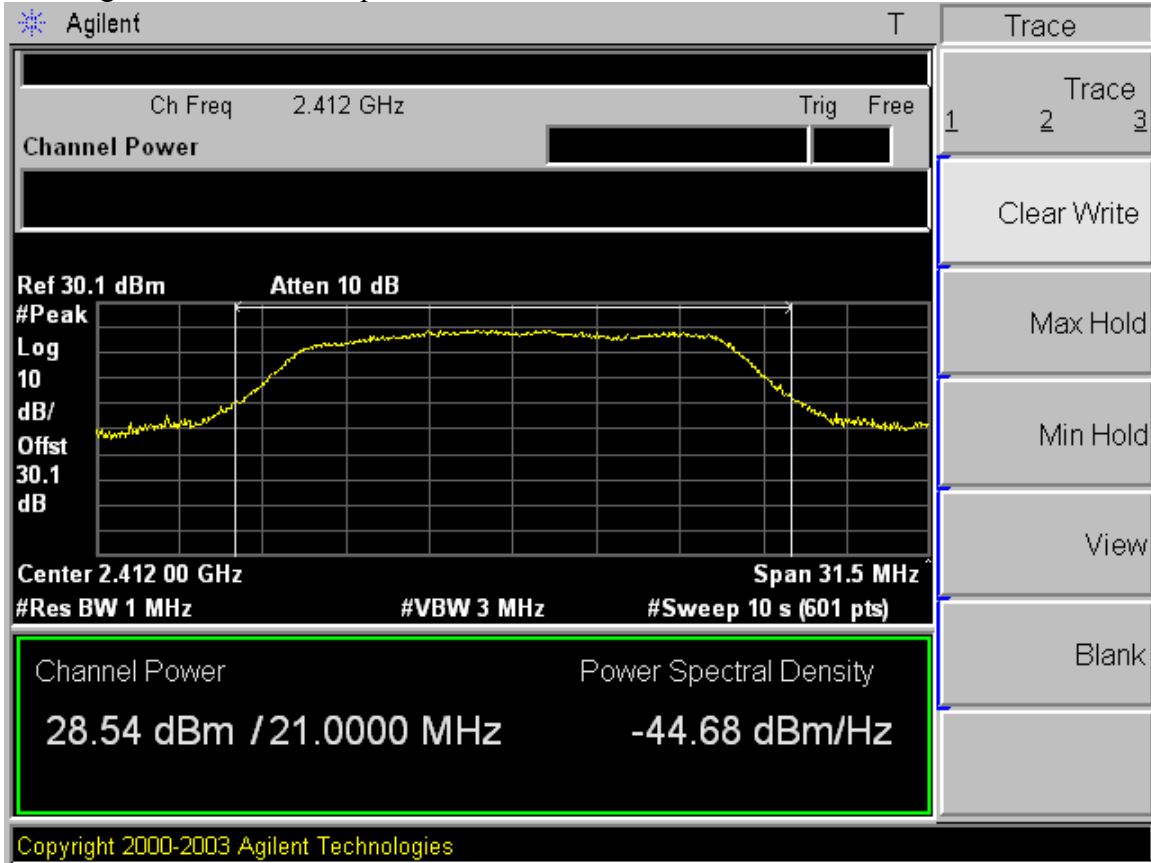
FCC ID: SA3-AGN1202AP0000

802.11 b mode



FCC ID: SA3-AGN1202AP0000

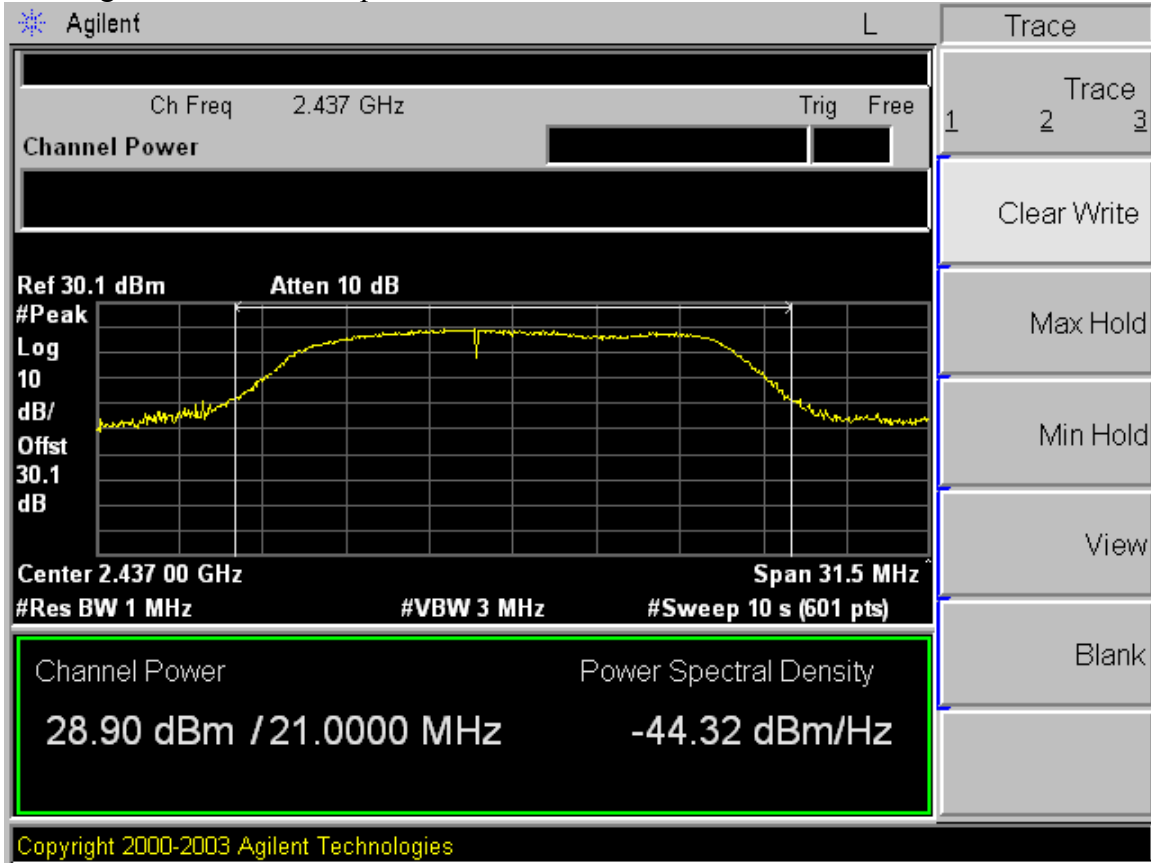
802.11 g mode      6 Mbps





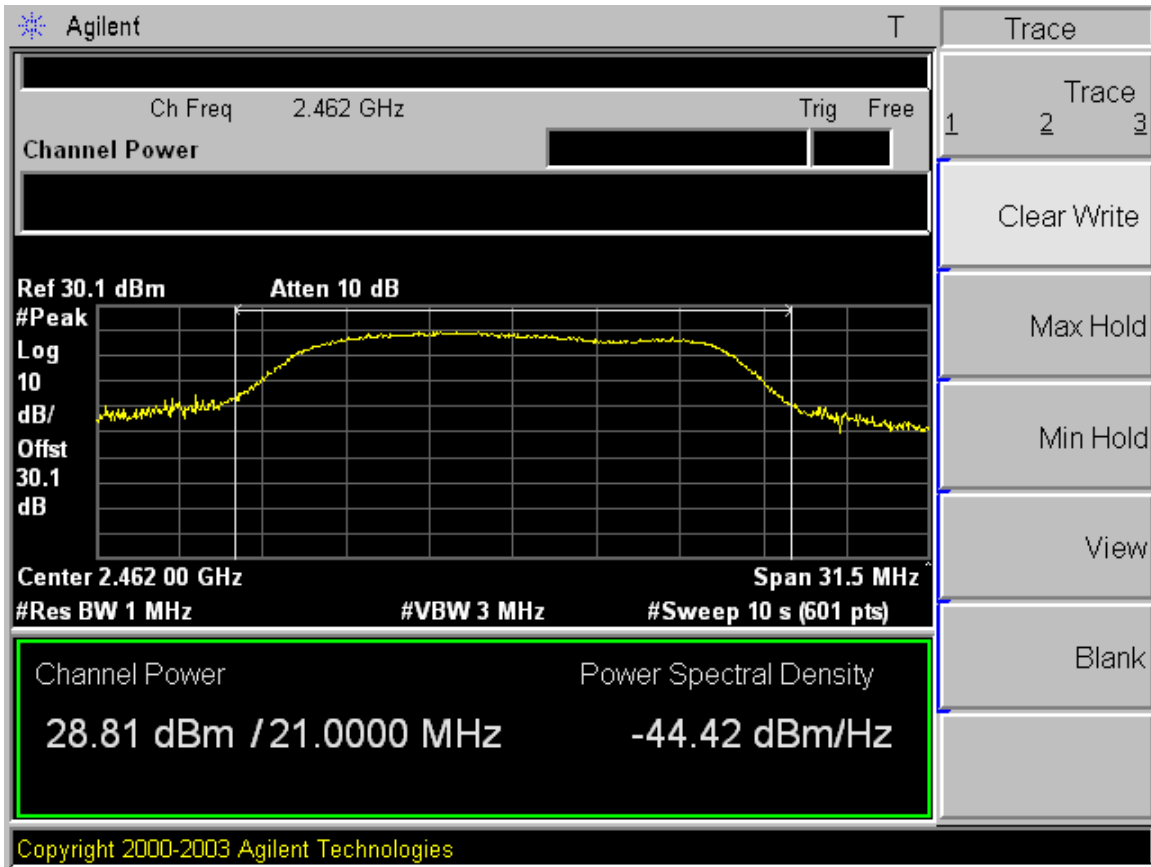
FCC ID: SA3-AGN1202AP0000

802.11 g mode      6 Mbps



Average power meter measurement: 13.9 dBm

FCC ID: SA3-AGN1202AP0000  
802.11 g mode      6 Mbps



Channel	Rate 2 Power Table										
	MHz	1-11	6-12	18	24	36	48	54	72	96	108
<i>2412</i>	20	20	19	19	17	16	14	16	14	14	
<i>2417</i>	20	20	19	19	17	16	14	16	14	14	
<i>2422</i>	20	20	19	19	17	16	14	16	14	14	
<i>2427</i>	20	20	19	19	17	16	14	16	14	14	
<i>2432</i>	20	20	19	19	17	16	14	16	14	14	
<i>2437</i>	20	20	19	19	17	16	14	16	14	14	
<i>2442</i>	20	20	19	19	17	16	14	16	14	14	
<i>2447</i>	20	20	19	19	17	16	14	16	14	14	
<i>2452</i>	20	20	19	19	17	16	14	16	14	14	
<i>2457</i>	20	20	19	19	17	16	14	16	14	14	
<i>2462</i>	20	20	19	19	17	16	14	16	14	14	
<i>5200</i>	17	17	17	17	15	14	12	14	12	12	
<i>5210</i>	17	17	17	17	15	14	12	14	12	12	
<i>5220</i>	17	17	17	17	15	14	12	14	12	12	
<i>5240</i>	17	17	17	17	15	14	12	14	12	12	
<i>5260</i>	17	17	17	17	15	14	12	14	12	12	
<i>5280</i>	17	17	17	17	15	14	12	14	12	12	
<i>5300</i>	17	17	17	17	15	14	12	14	12	12	
<i>5320</i>	17	17	17	17	15	14	12	14	12	12	
<i>5745</i>	17	17	17	17	14	13	11	13	11	11	
<i>5765</i>	17	17	17	17	14	13	11	13	11	11	
<i>5785</i>	17	17	17	17	14	13	11	13	11	11	
<i>5805</i>	17	17	17	17	14	13	11	13	11	11	

Maximum power per transmit chain, based on frequency and data rate .

Total power 3 dB higher (2X)