

802.11n-HT20 AVGPDS - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

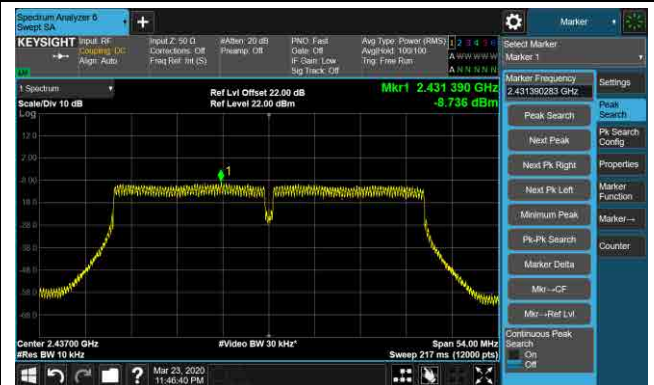


802.11n-HT40 AVGPDS - Ant 0 / Ant 0 + 1

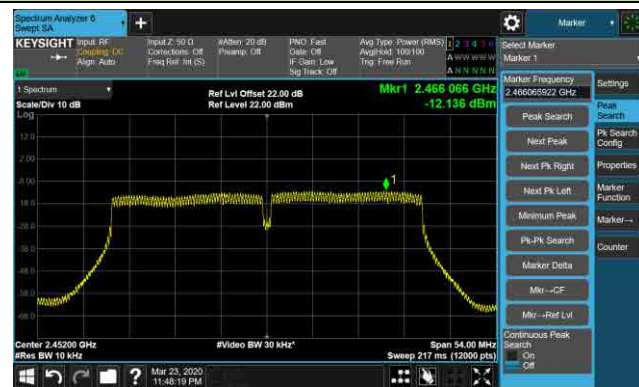
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11ax-HE40 AVGPSPD - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPDS - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g AVGPSPD - Ant 1 / Ant 0 + 1

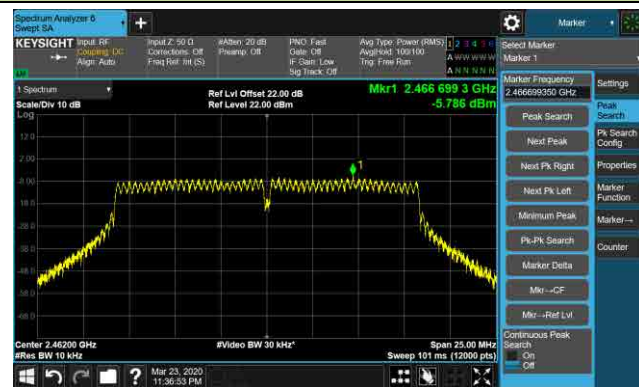
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPSPD - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

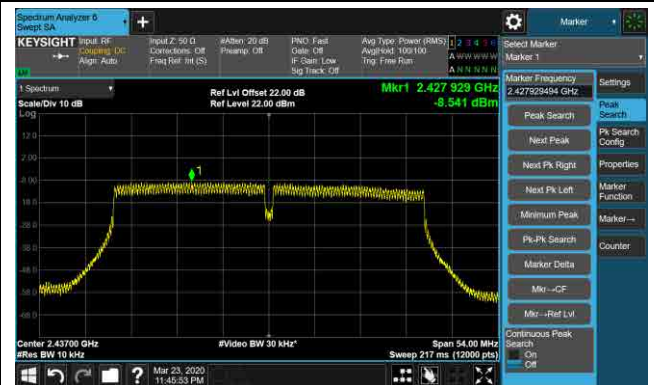


802.11n-HT40 AVGPSPD - Ant 1 / Ant 0 + 1

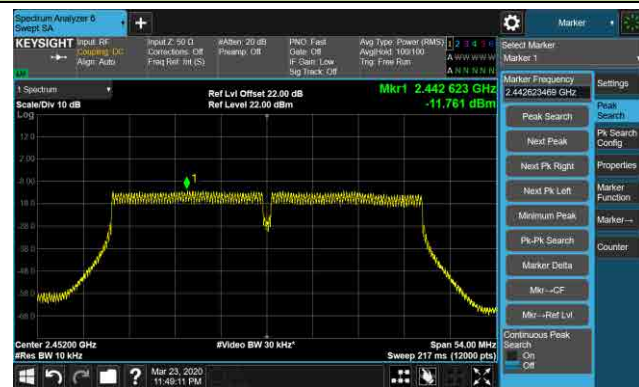
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 1 / Ant 0 + 1

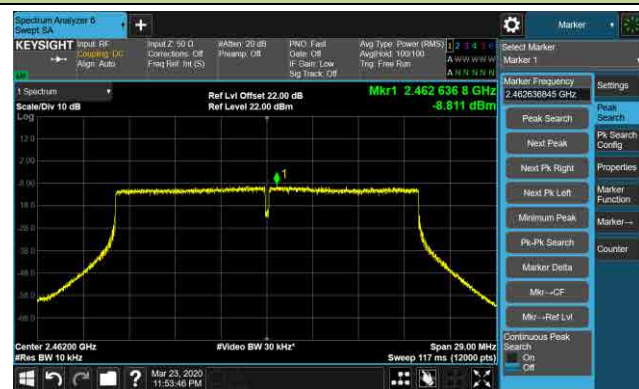
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

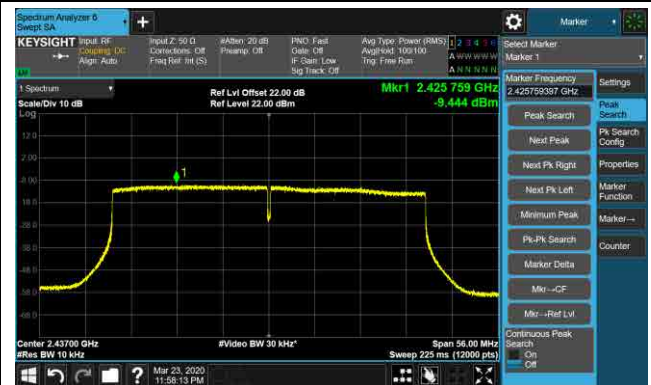


802.11ax-HE40 AVGPSPD - Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



待測物名稱	無線基地台	溫度	24°C
測試工程師	Fran Chen	濕度	56%
測試場地	SR1	測試日期	2020/03/23
型号	OAW-AP1361D	測試項目	發射電功率密度

Test Mode	Data Rate/ MCS	Chann el No.	Freq. (MHz)	Ant 0 PSD (dBm/ 10kHz)	Ant 1 PSD (dBm/ 10kHz)	Duty Cycle (%)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
802.11b	1Mbps	01	2412	-4.97	-4.04	95.18	-1.26	≤ 6.50	Pass
802.11b	1Mbps	06	2437	-3.59	-2.82	95.18	0.04	≤ 6.50	Pass
802.11b	1Mbps	11	2462	-4.24	-4.87	95.18	-1.32	≤ 6.50	Pass
802.11g	6Mbps	01	2412	-8.81	-8.98	91.66	-5.51	≤ 6.50	Pass
802.11g	6Mbps	06	2437	-7.81	-7.12	91.66	-4.06	≤ 6.50	Pass
802.11g	6Mbps	11	2462	-7.46	-7.69	91.66	-4.18	≤ 6.50	Pass
802.11n-HT20	MCS0	01	2412	-10.28	-10.10	95.94	-7.00	≤ 6.50	Pass
802.11n-HT20	MCS0	06	2437	-7.08	-6.53	95.94	-3.61	≤ 6.50	Pass
802.11n-HT20	MCS0	11	2462	-8.65	-8.58	95.94	-5.42	≤ 6.50	Pass
802.11n-HT40	MCS0	03	2422	-16.52	-16.26	93.27	-13.08	≤ 6.50	Pass
802.11n-HT40	MCS0	06	2437	-10.74	-9.39	93.27	-6.70	≤ 6.50	Pass
802.11n-HT40	MCS0	09	2452	-14.56	-15.18	93.27	-11.55	≤ 6.50	Pass
11ax-HE20	MCS0	01	2412	-12.17	-12.41	94.98	-9.05	≤ 6.50	Pass
11ax-HE20	MCS0	06	2437	-9.26	-8.45	94.98	-5.60	≤ 6.50	Pass
11ax-HE20	MCS0	11	2462	-11.56	-10.36	94.98	-7.68	≤ 6.50	Pass
11ax-HE40	MCS0	03	2422	-17.53	-17.27	95.58	-14.19	≤ 6.50	Pass
11ax-HE40	MCS0	06	2437	-11.38	-10.49	95.58	-7.71	≤ 6.50	Pass
11ax-HE40	MCS0	09	2452	-15.06	-15.30	95.58	-11.97	≤ 6.50	Pass

Note 1: When EUT duty cycle $\geq 98\%$, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPDS}/10)} + 10^{(\text{Ant } 1 \text{ AVGPDS}/10)}\}$

Note 2: When EUT duty cycle $< 98\%$, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPDS}/10)} + 10^{(\text{Ant } 1 \text{ AVGPDS}/10)}\} + 10 \cdot \log (1/\text{duty cycle})$

待測物名稱	無線基地台	溫度	24°C
測試工程師	Fran Chen	濕度	56%
測試場地	SR1	測試日期	2020/03/23
型号	OAW-AP1361D - SCAN Antenna	測試項目	發射電功率密度

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ 10kHz)	Duty Cycle (%)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
802.11b	1Mbps	01	2412	-12.80	99.35	-12.80	≤ 6.80	Pass
802.11b	1Mbps	06	2437	-13.10	99.35	-13.1	≤ 6.80	Pass
802.11b	1Mbps	11	2462	-13.43	99.35	-13.43	≤ 6.80	Pass
802.11g	6Mbps	01	2412	-18.04	96.21	-17.87	≤ 6.80	Pass
802.11g	6Mbps	06	2437	-18.29	96.21	-18.12	≤ 6.80	Pass
802.11g	6Mbps	11	2462	-18.14	96.21	-17.97	≤ 6.80	Pass

Note 1: When EUT duty cycle ≥ 98%, Total AVGPSPD = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSPD}/10)} + 10^{(\text{Ant 1 AVGPSPD}/10)}\}$

Note 2: When EUT duty cycle < 98%, Total AVGPSPD = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSPD}/10)} + 10^{(\text{Ant 1 AVGPSPD}/10)}\} + 10 \cdot \log (1/\text{duty cycle})$

802.11g AVGPDS - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPSPD - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

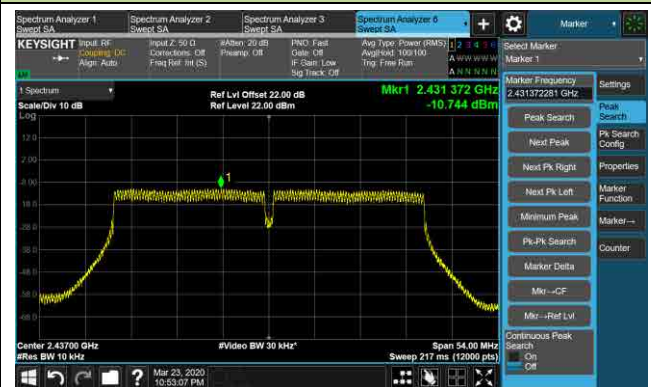


802.11n-HT40 AVGPSD - Ant 0 / Ant 0 + 1

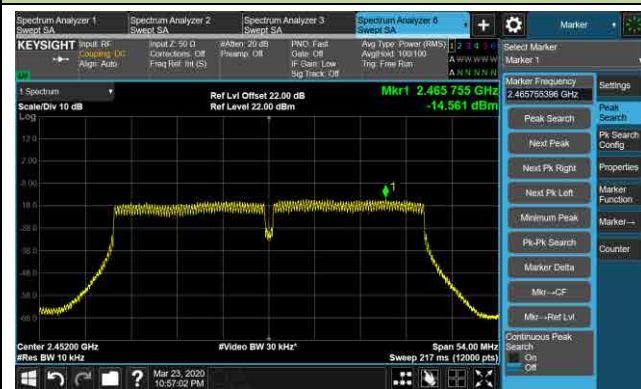
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 0 / Ant 0 + 1

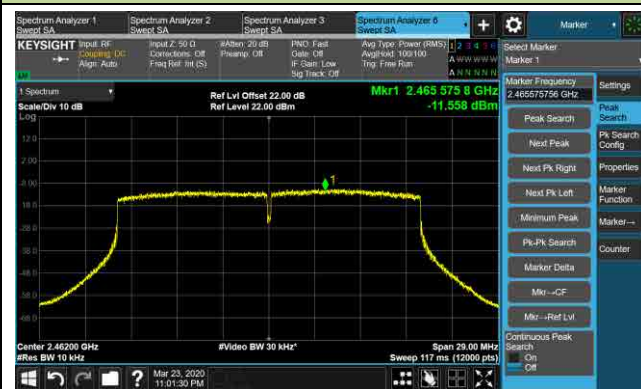
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11ax-HE40 AVGPDS - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPDS - Ant 1 / Ant 0 + 1

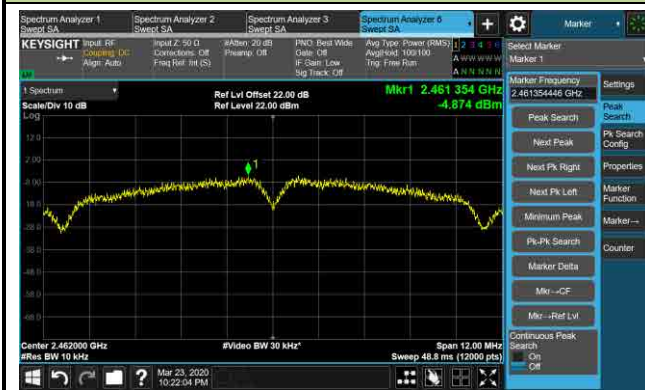
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g AVGPDS - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPSD - Ant 1 / Ant 0 + 1

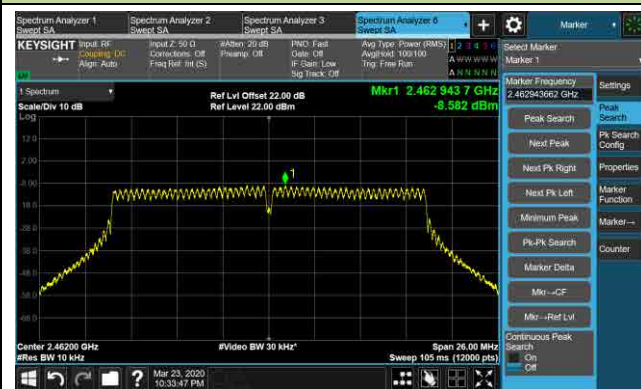
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

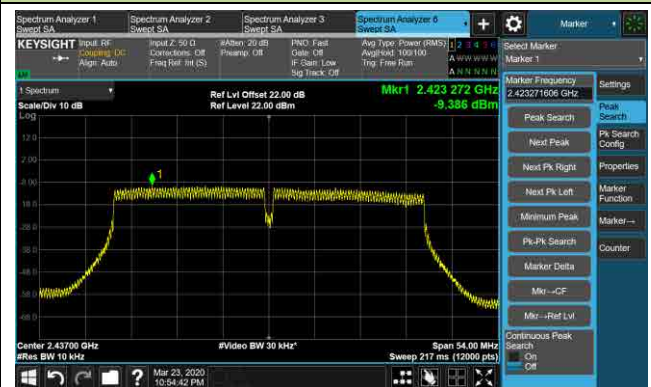


802.11n-HT40 AVGPSD - Ant 1 / Ant 0 + 1

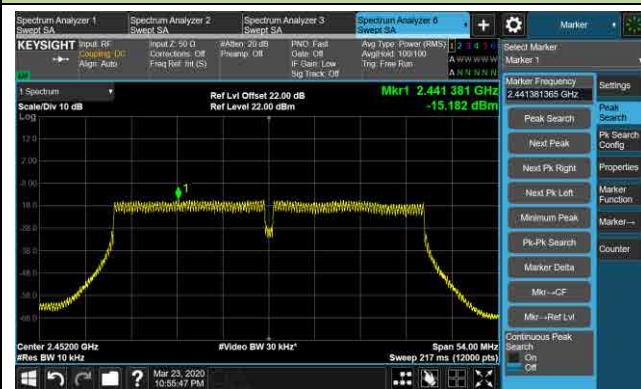
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11ax-HE40 AVGPDS - Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b- Scan Antenna PSD

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g- Scan Antenna PSD

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



待測物名稱	無線基地台	溫度	25°C
測試工程師	Fran Chen	濕度	53%
測試場地	SR1	測試日期	2020/03/24
型号	OAW-AP1362	測試項目	發射電功率密度

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/ 10kHz)	Ant 1 PSD (dBm/ 10kHz)	Duty Cycle (%)	Total PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Result
802.11b	1Mbps	01	2412	-2.90	-2.91	95.18	0.32	≤ 8.00	Pass
802.11b	1Mbps	06	2437	-2.82	-1.74	95.18	0.98	≤ 8.00	Pass
802.11b	1Mbps	11	2462	-1.29	-2.94	95.18	1.19	≤ 8.00	Pass
802.11g	6Mbps	01	2412	-7.03	-6.61	91.66	-3.43	≤ 8.00	Pass
802.11g	6Mbps	06	2437	-5.58	-5.99	91.66	-2.39	≤ 8.00	Pass
802.11g	6Mbps	11	2462	-6.49	-5.95	91.66	-2.82	≤ 8.00	Pass
802.11n-HT20	MCS0	01	2412	-8.49	-8.95	95.94	-5.52	≤ 8.00	Pass
802.11n-HT20	MCS0	06	2437	-6.36	-5.98	95.94	-2.98	≤ 8.00	Pass
802.11n-HT20	MCS0	11	2462	-6.49	-6.89	95.94	-3.50	≤ 8.00	Pass
802.11n-HT40	MCS0	03	2422	-15.61	-15.99	93.27	-12.48	≤ 8.00	Pass
802.11n-HT40	MCS0	06	2437	-9.18	-9.00	93.27	-5.78	≤ 8.00	Pass
802.11n-HT40	MCS0	09	2452	-11.80	-11.82	93.27	-8.50	≤ 8.00	Pass
11ax-HE20	MCS0	01	2412	-10.16	-10.41	94.98	-7.05	≤ 8.00	Pass
11ax-HE20	MCS0	06	2437	-7.42	-6.49	94.98	-3.70	≤ 8.00	Pass
11ax-HE20	MCS0	11	2462	-8.52	-8.63	94.98	-5.34	≤ 8.00	Pass
11ax-HE40	MCS0	03	2422	-15.87	-15.90	95.58	-12.68	≤ 8.00	Pass
11ax-HE40	MCS0	06	2437	-10.22	-9.60	95.58	-6.69	≤ 8.00	Pass
11ax-HE40	MCS0	09	2452	-12.41	-12.87	95.58	-9.43	≤ 8.00	Pass

Note 1: When EUT duty cycle $\geq 98\%$, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPDS}/10)} + 10^{(\text{Ant } 1 \text{ AVGPDS}/10)}\}$

Note 2: When EUT duty cycle $< 98\%$, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPDS}/10)} + 10^{(\text{Ant } 1 \text{ AVGPDS}/10)}\} + 10 \cdot \log (1/\text{duty cycle})$

802.11b AVGPSPD - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g AVGPDS - Ant 0 / Ant 0 + 1

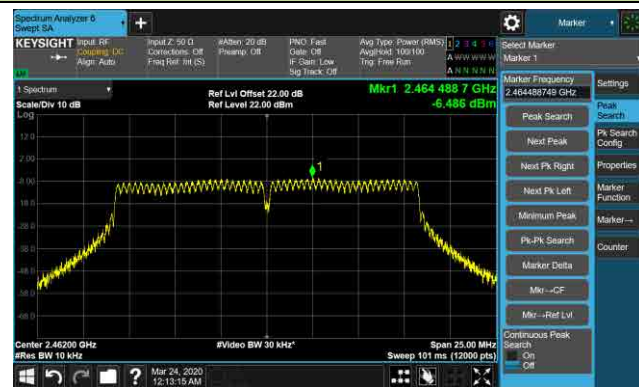
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPDS - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)

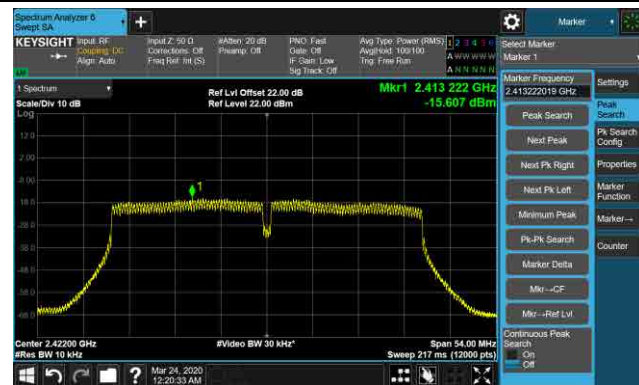


Channel 11 (2462MHz)

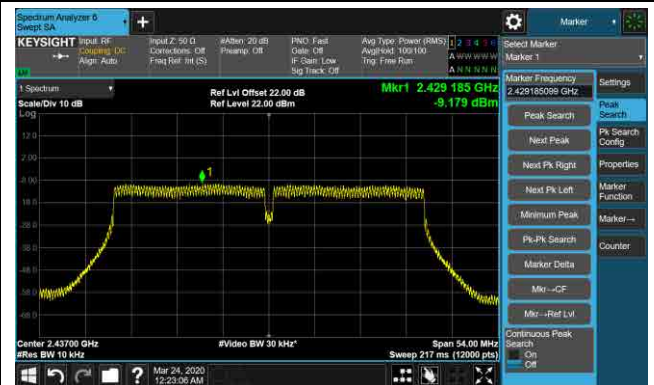


802.11n-HT40 AVGPSPD - Ant 0 / Ant 0 + 1

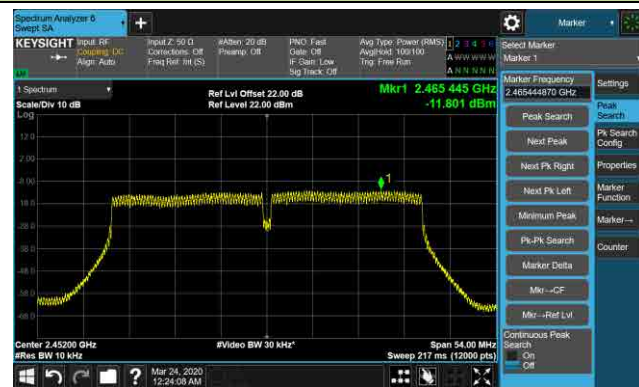
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

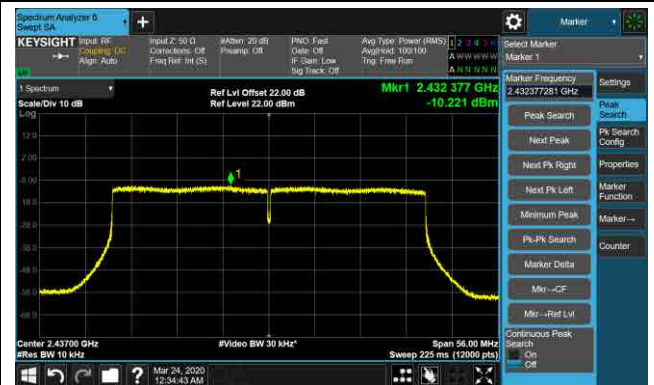


802.11ax-HE40 AVGPSPD - Ant 0 / Ant 0 + 1

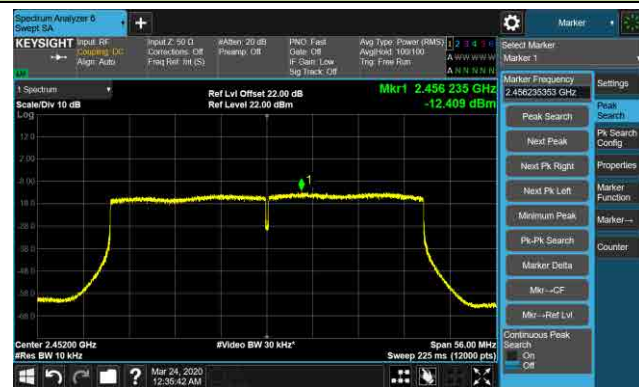
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPDS - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g AVGPSPD - Ant 1 / Ant 0 + 1

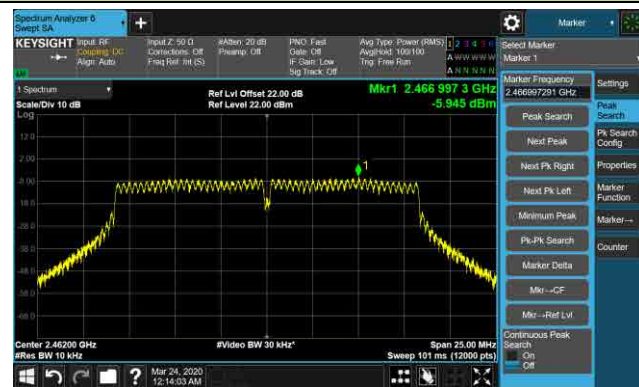
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPSPD - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)

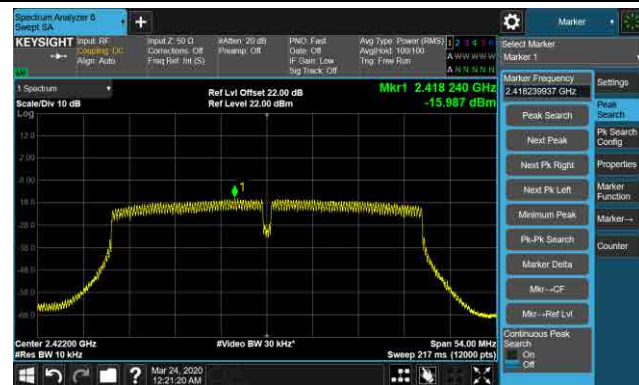


Channel 11 (2462MHz)

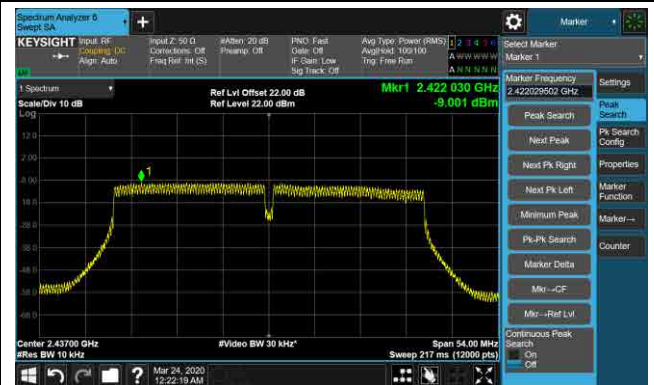


802.11n-HT40 AVGPSPD - Ant 1 / Ant 0 + 1

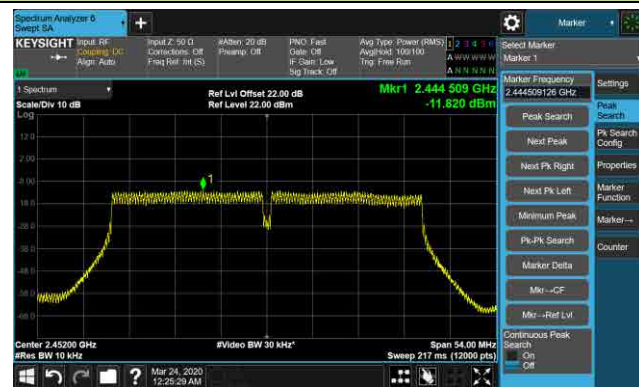
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11ax-HE20 AVGPSPD - Ant 1 / Ant 0 + 1

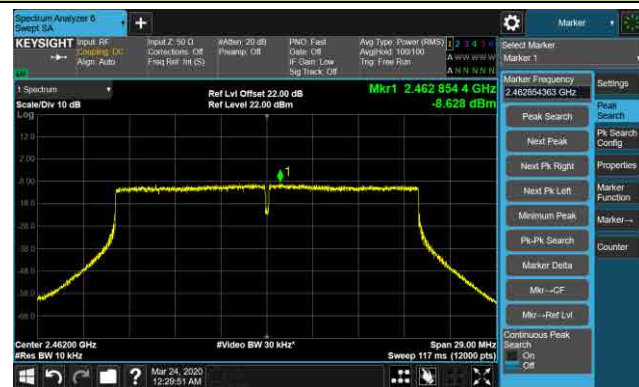
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

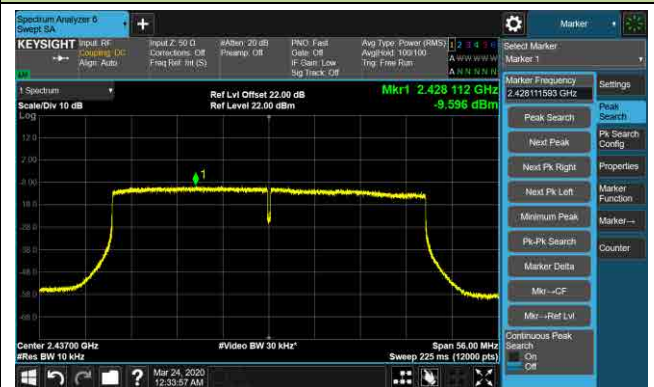


802.11ax-HE40 AVGPSPD - Ant 1 / Ant 0 + 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



The End