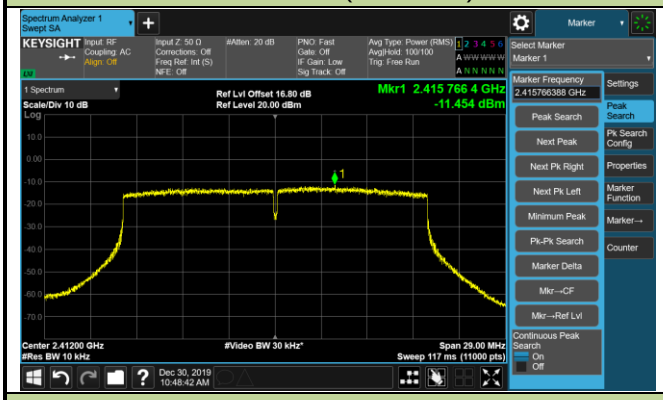
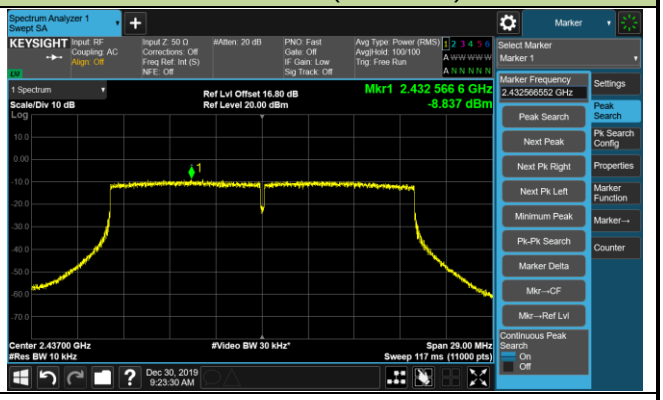
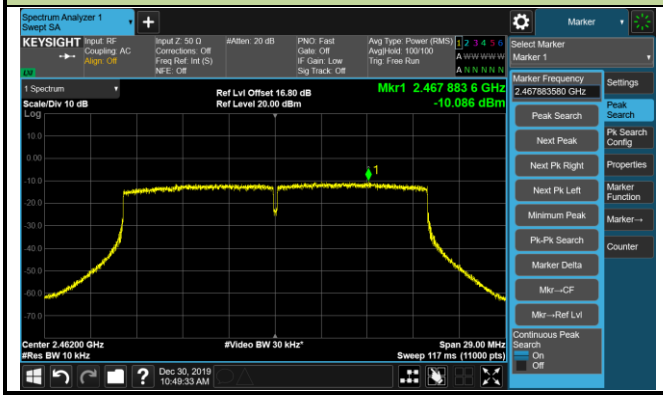
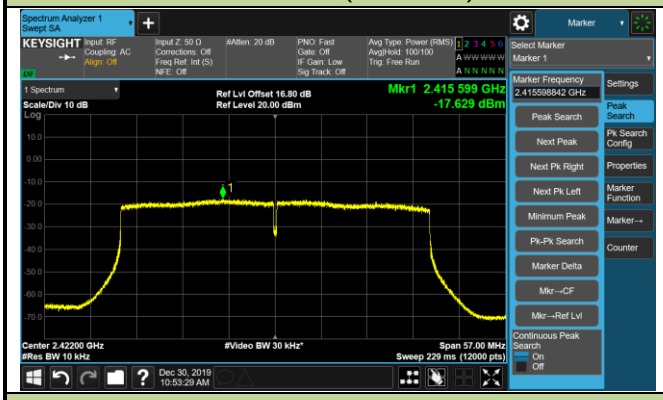
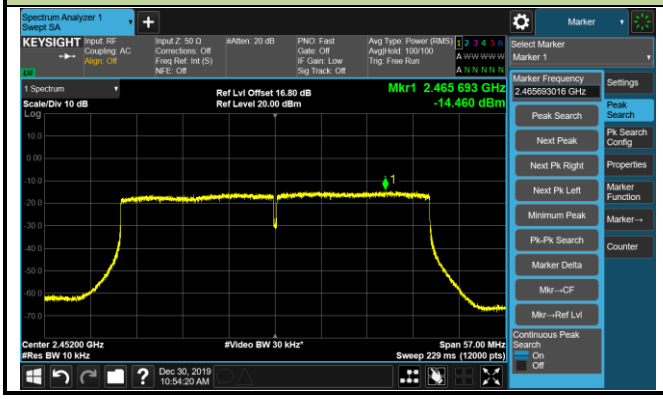
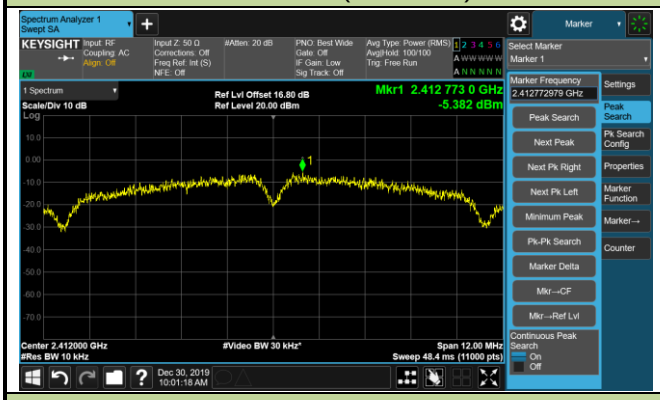
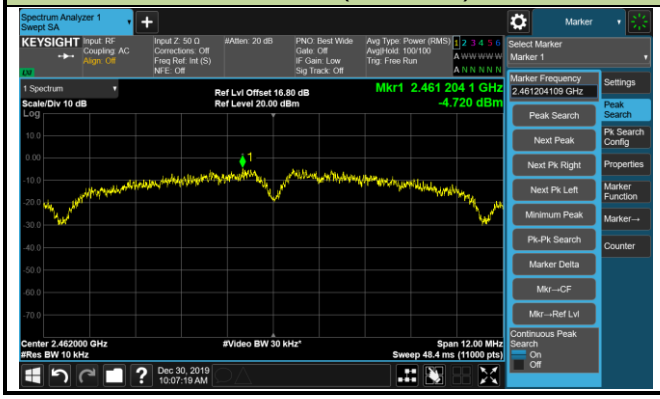
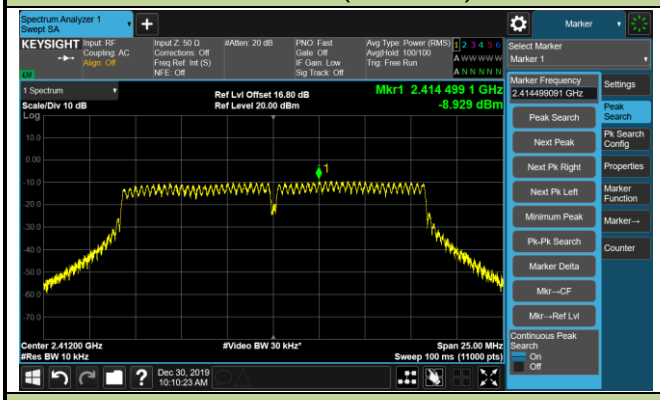
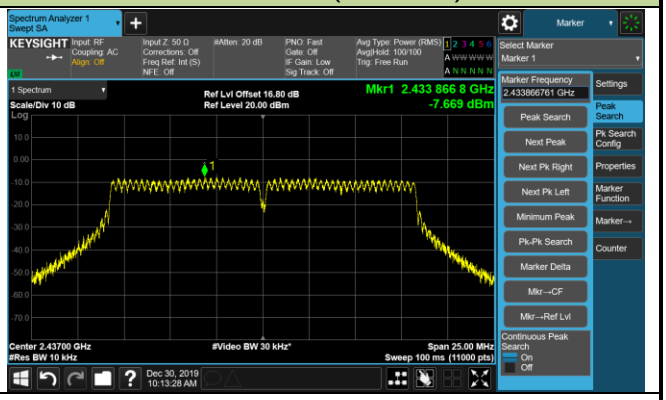
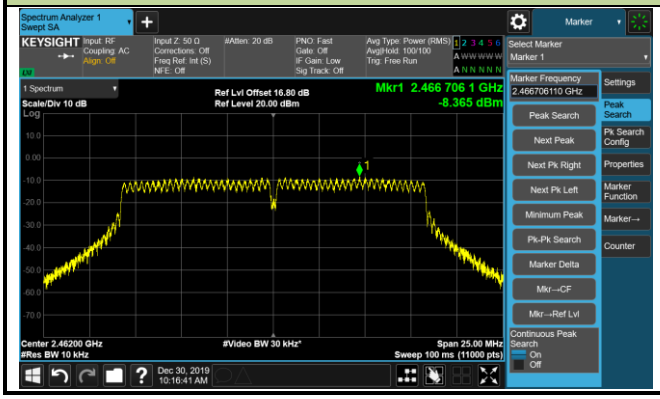
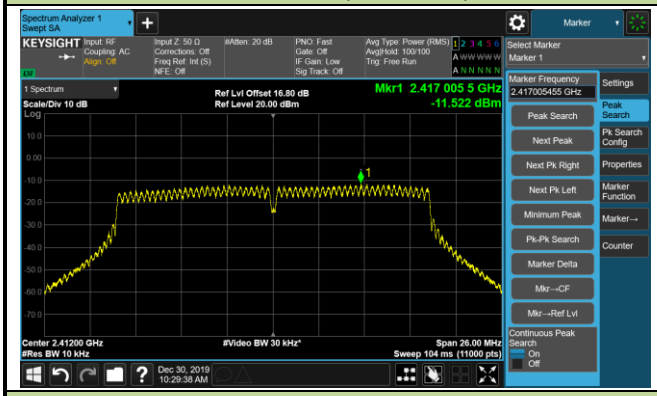
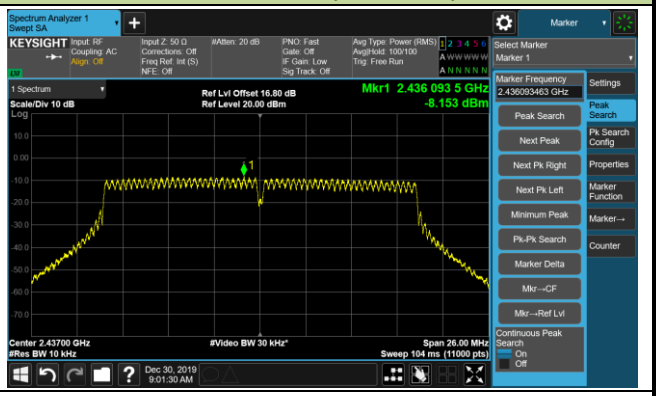
802.11ax-HE20 PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11ax-HE40 PSD - Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

802.11b PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11g PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
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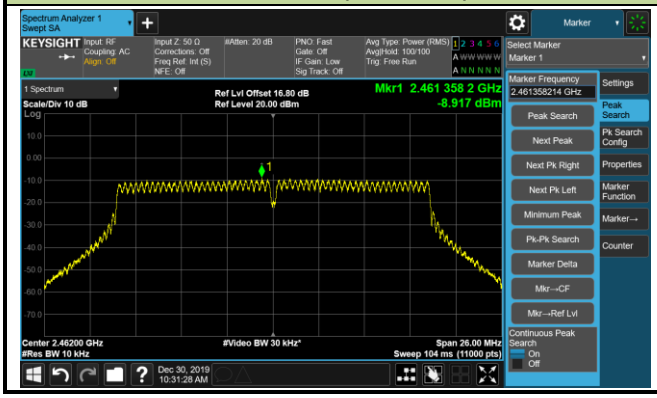
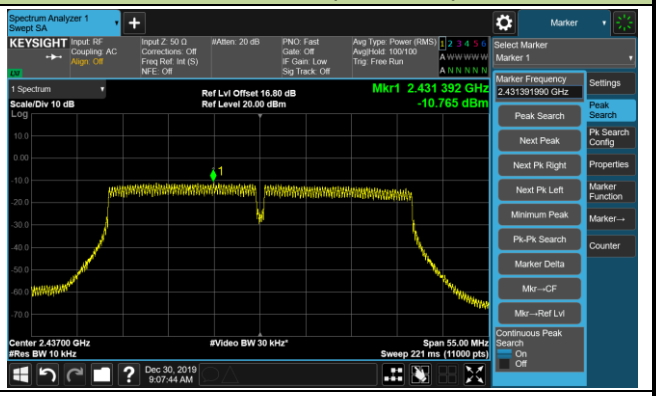
	

802.11n-HT40 PSD - Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
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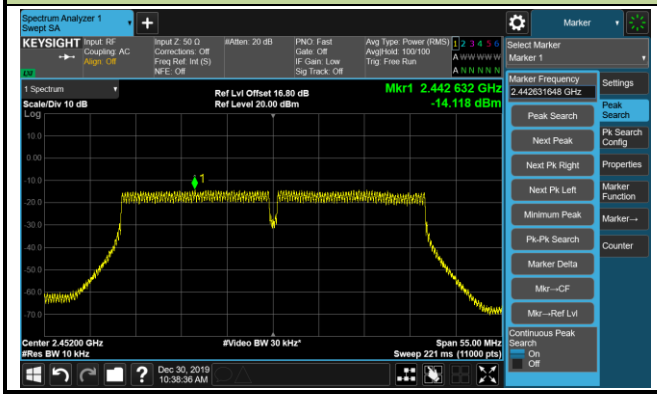
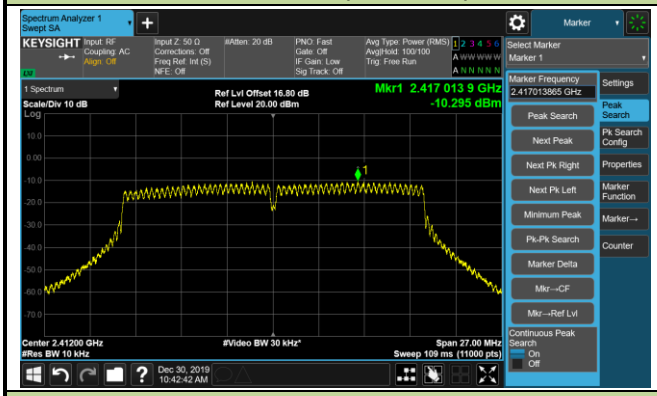
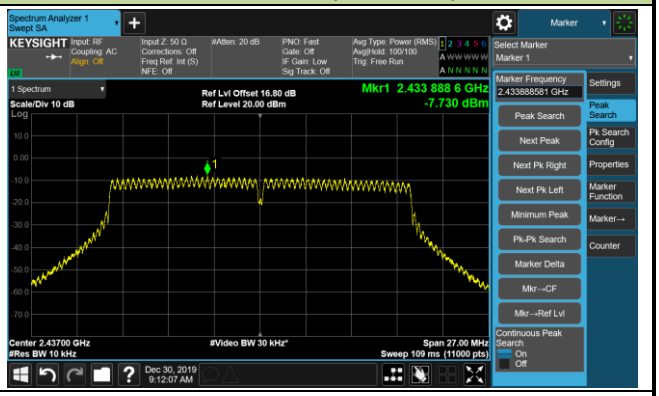
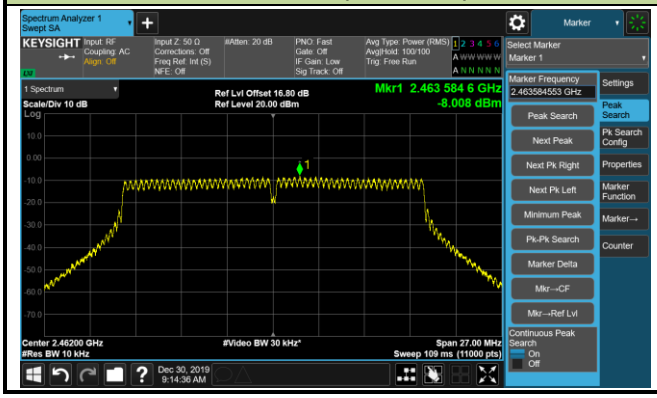
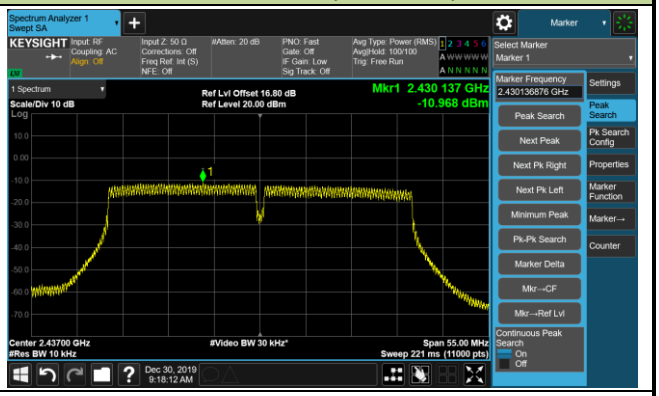
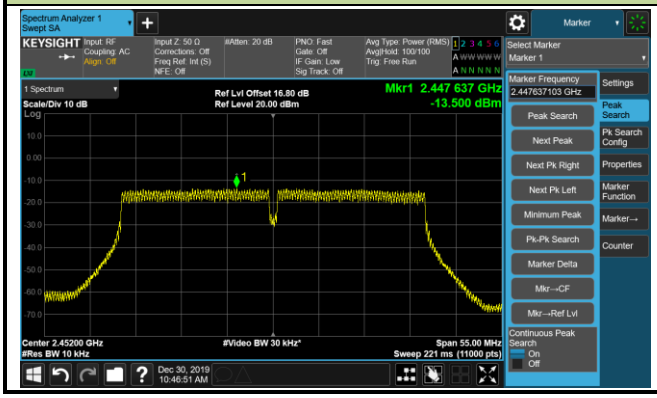
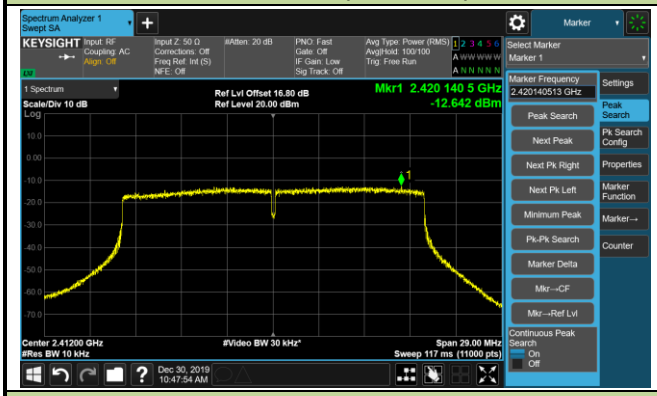
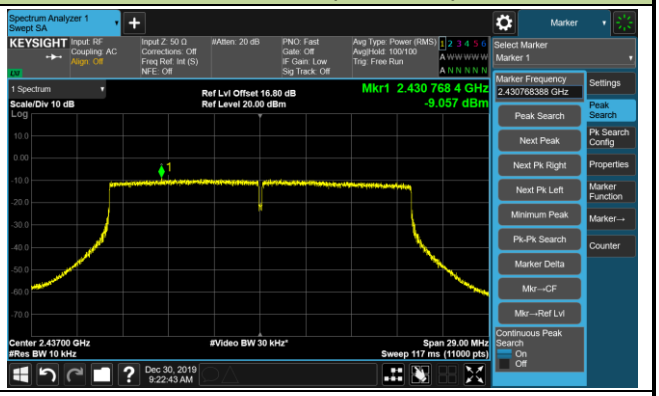
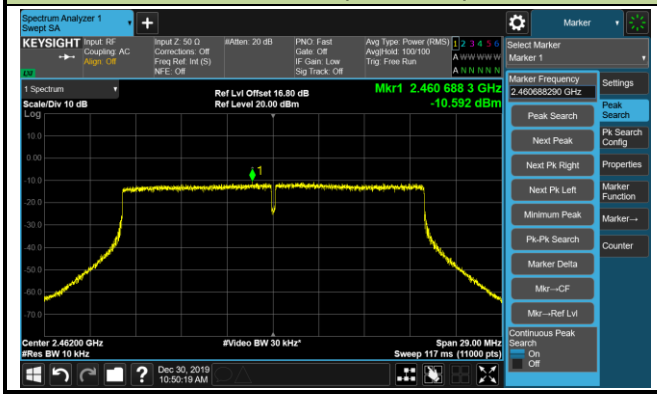
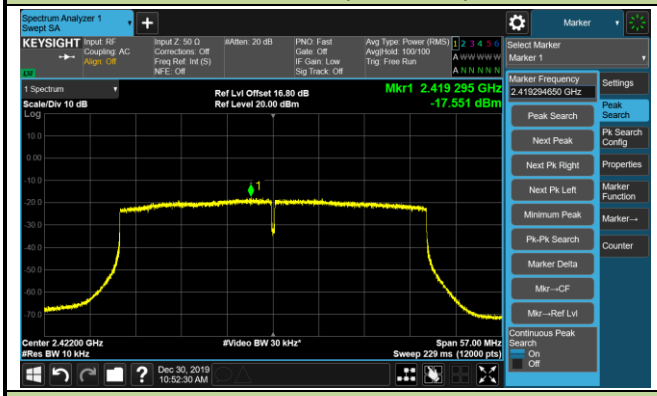
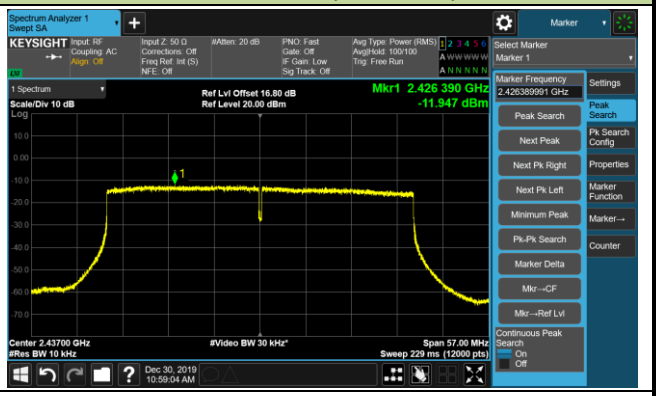
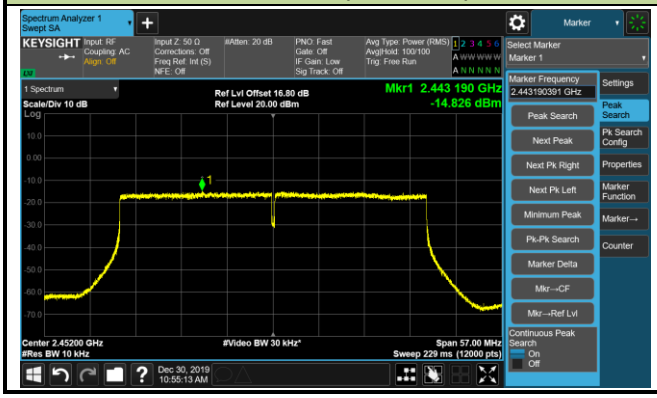
	

802.11VHT20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11VHT40 PSD - Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

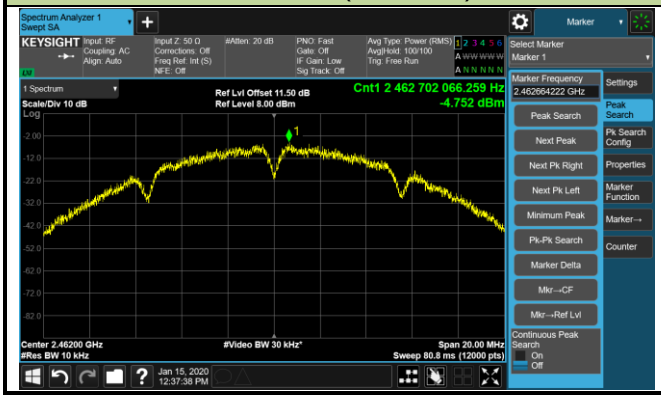
802.11ax-HE20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

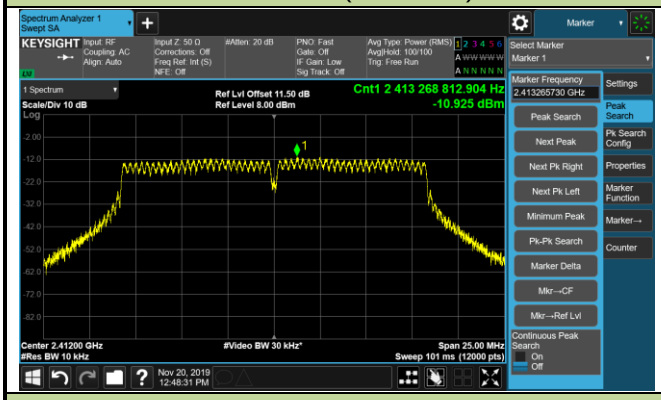
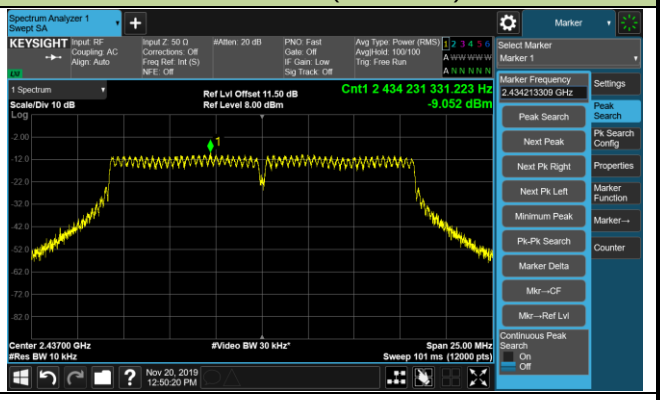
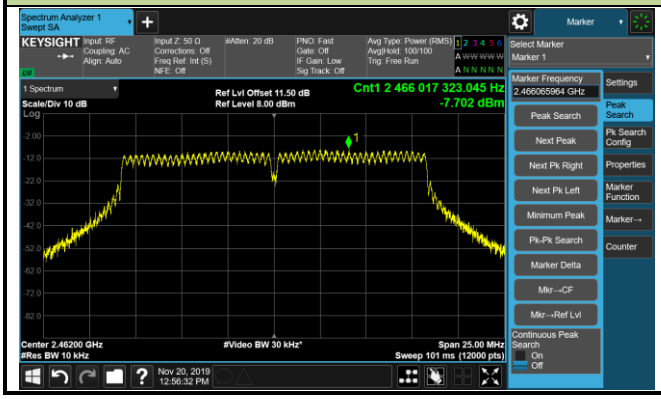
802.11ax-HE40 PSD - Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

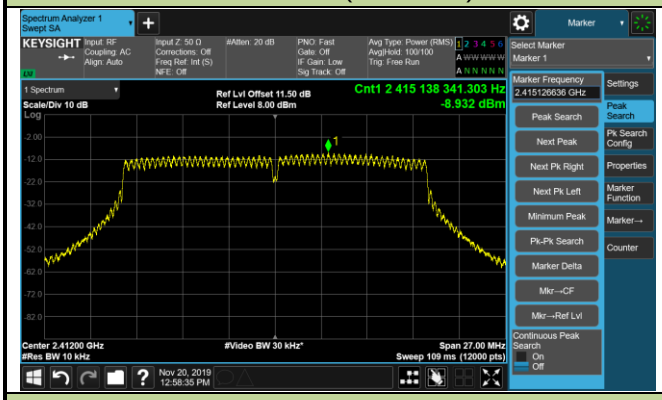
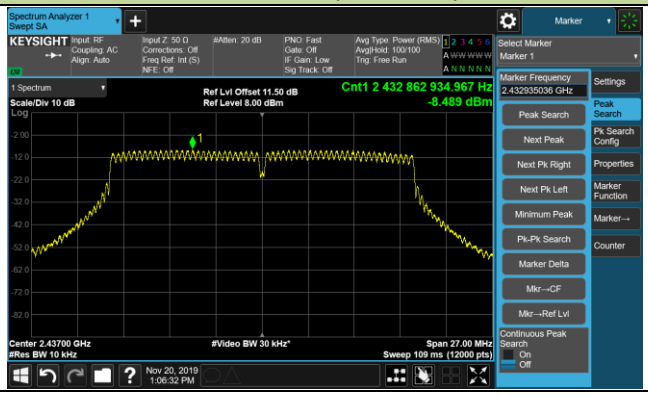
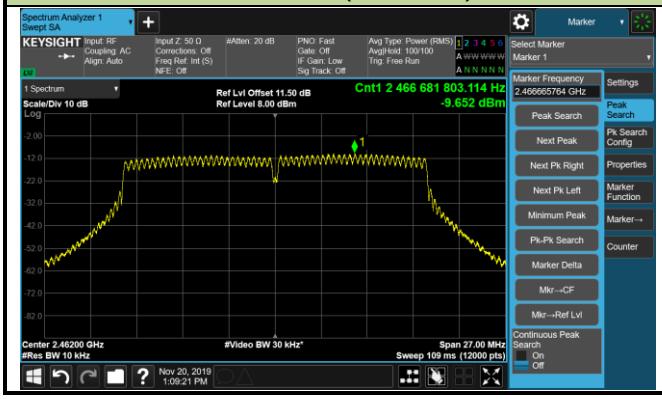
Product	OmniAccess Stellar	Temperature	23 ~ 25°C
Test Engineer	Eric Xu	Relative Humidity	46 ~ 52%
Test Site	TR3	Test Date	2019/11/20 ~ 2020/01/15
Model No.	OAW-AP1361D		

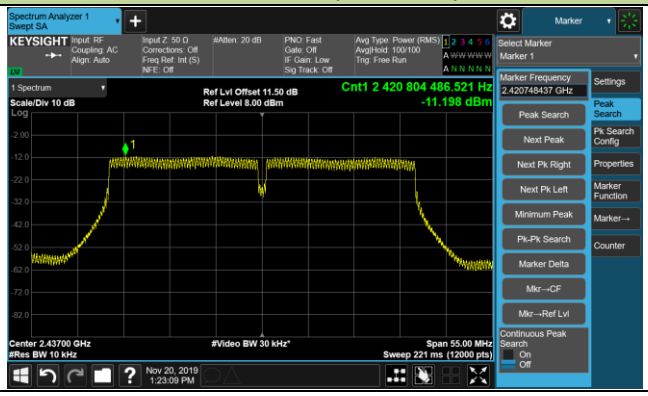
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 AVGPSD (dBm/10kHz)	Ant 1 AVGPSD (dBm/10kHz)	Duty Cycle (%)	Constant Factor (dB)	Total AVGPSD (dBm/3kHz)	Limit (dBm/ 3kHz)	Result
11b	1Mbps	01	2412	-5.27	-5.07	61.42	-5.23	-5.27	≤ 3.49	Pass
11b	1Mbps	06	2437	-5.09	-4.49	61.42	-5.23	-4.88	≤ 3.49	Pass
11b	1Mbps	11	2462	-4.75	-5.17	61.42	-5.23	-5.06	≤ 3.49	Pass
11g	6Mbps	01	2412	-10.93	-10.12	91.72	-5.23	-12.35	≤ 3.49	Pass
11g	6Mbps	06	2437	-9.05	-8.26	91.72	-5.23	-10.48	≤ 3.49	Pass
11g	6Mbps	11	2462	-7.70	-8.48	91.72	-5.23	-9.92	≤ 3.49	Pass
11n-HT20	MCS0	01	2412	-8.93	-9.17	94.76	-5.23	-11.03	≤ 3.49	Pass
11n-HT20	MCS0	06	2437	-8.49	-8.33	94.76	-5.23	-10.40	≤ 3.49	Pass
11n-HT20	MCS0	11	2462	-9.65	-9.74	94.76	-5.23	-11.68	≤ 3.49	Pass
11n-HT40	MCS0	03	2422	-17.37	-17.52	95.15	-5.23	-19.45	≤ 3.49	Pass
11n-HT40	MCS0	06	2437	-11.20	-10.57	95.15	-5.23	-12.88	≤ 3.49	Pass
11n-HT40	MCS0	09	2452	-15.39	-15.98	95.15	-5.23	-17.68	≤ 3.49	Pass
11802.11VHT20	MCS0	01	2412	-10.91	-11.41	96.10	-5.23	-13.20	≤ 3.49	Pass
11802.11VHT20	MCS0	06	2437	-8.52	-8.17	96.10	-5.23	-10.39	≤ 3.49	Pass
11802.11VHT20	MCS0	11	2462	-9.97	-9.77	96.10	-5.23	-11.92	≤ 3.49	Pass
11802.11VHT40	MCS0	03	2422	-17.36	-17.74	91.82	-5.23	-19.39	≤ 3.49	Pass
11802.11VHT40	MCS0	06	2437	-10.99	-10.80	91.82	-5.23	-12.74	≤ 3.49	Pass
11802.11VHT40	MCS0	09	2452	-15.25	-15.40	91.82	-5.23	-17.17	≤ 3.49	Pass
11ax-HE20	MCS0	01	2412	-13.03	-13.50	95.18	-5.23	-15.26	≤ 3.49	Pass
11ax-HE20	MCS0	06	2437	-9.95	-10.28	95.18	-5.23	-12.12	≤ 3.49	Pass
11ax-HE20	MCS0	11	2462	-10.96	-11.56	95.18	-5.23	-13.25	≤ 3.49	Pass
11ax-HE40	MCS0	03	2422	-18.79	-19.05	95.15	-5.23	-20.92	≤ 3.49	Pass
11ax-HE40	MCS0	06	2437	-12.21	-11.97	95.15	-5.23	-14.09	≤ 3.49	Pass
11ax-HE40	MCS0	09	2452	-15.55	-16.24	95.15	-5.23	-17.89	≤ 3.49	Pass

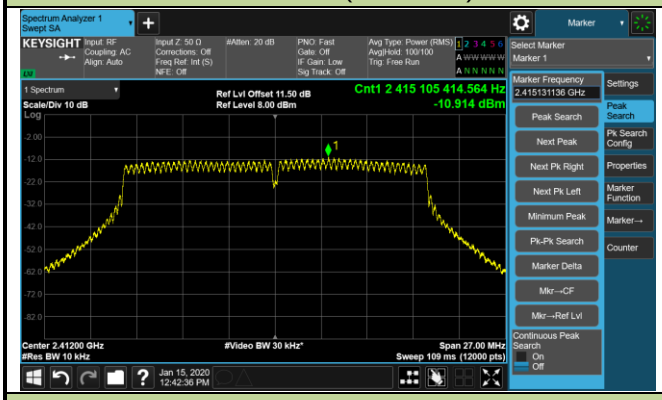
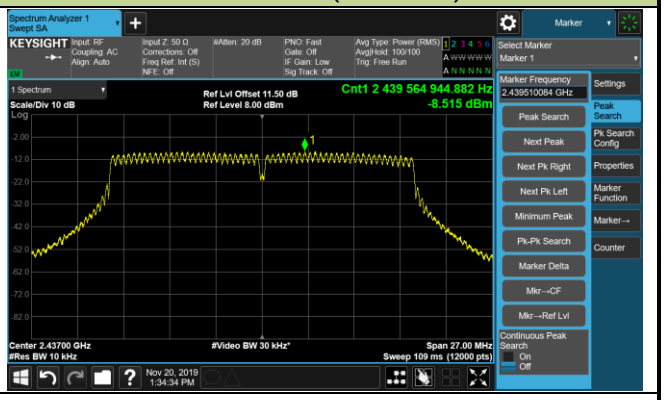
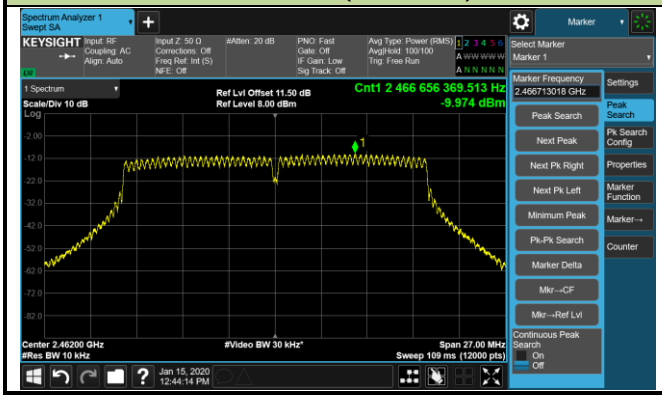
Note: When EUT duty cycle < 98%, Total AVGPSD = 10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$} + 10*log (1/duty cycle) + Constant Factor (dB).

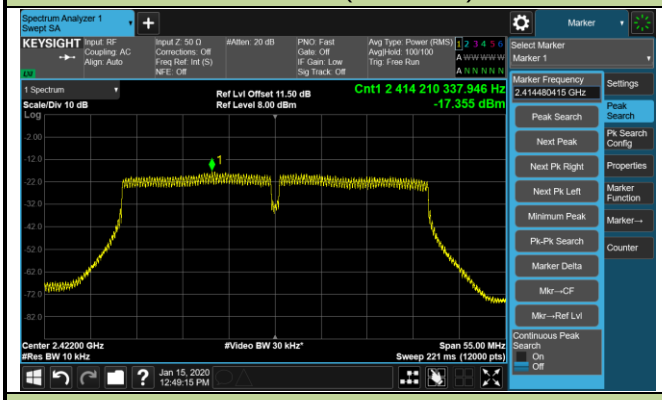
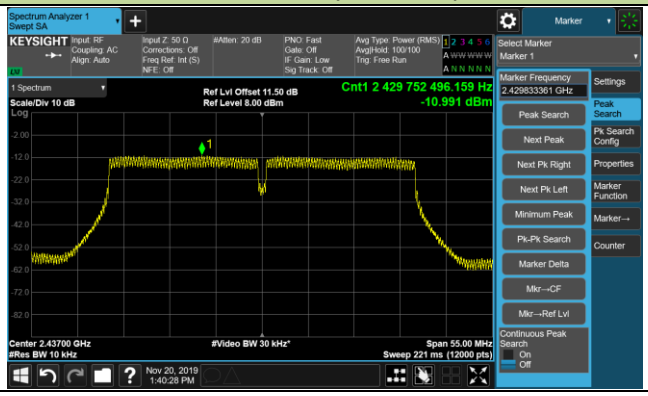
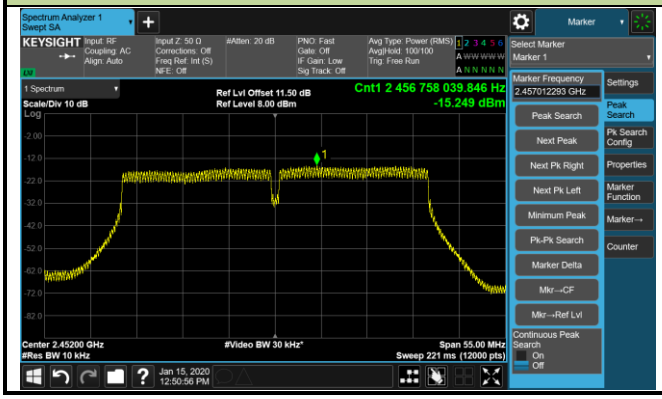
802.11b PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
Channel 11 (2462MHz)	
	

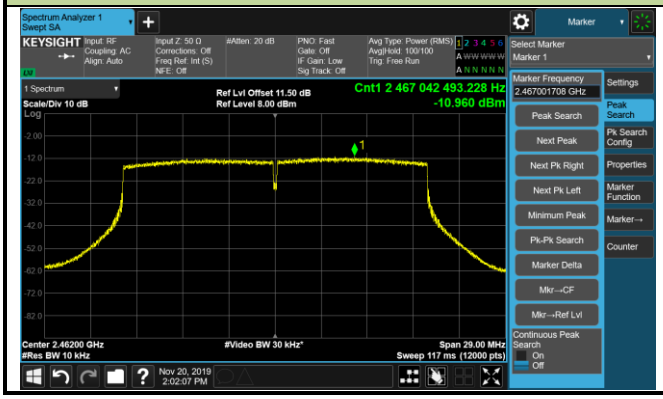
802.11g PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

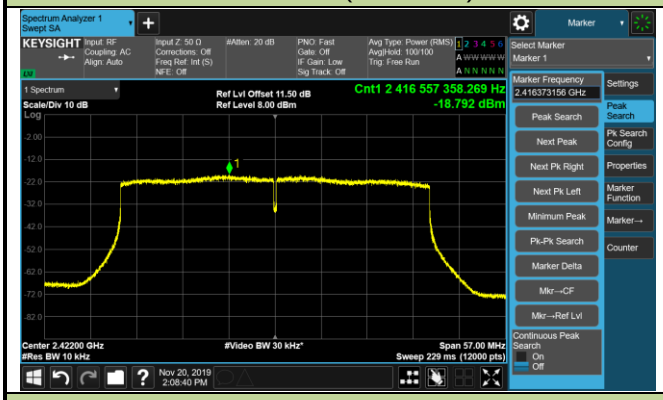
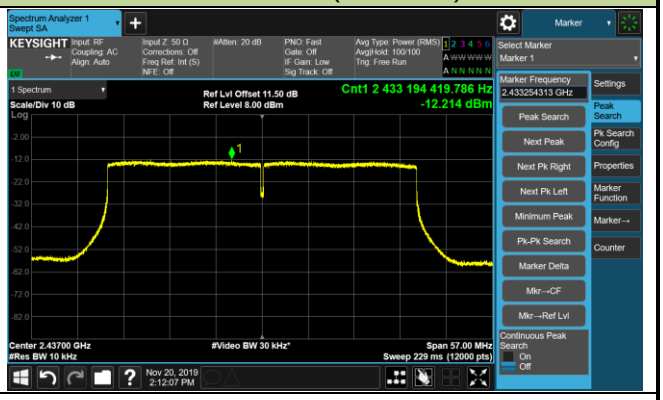
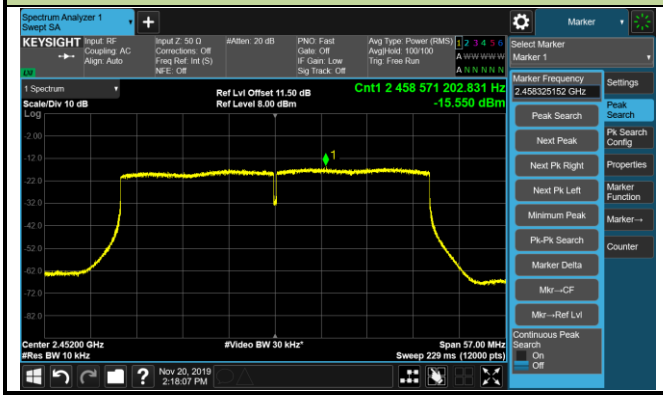
802.11n-HT20 PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

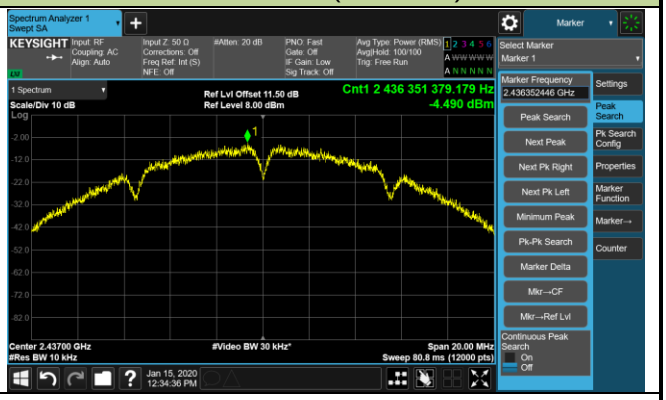
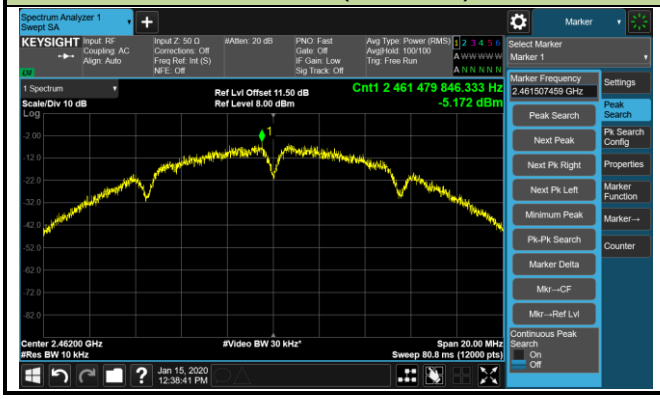
802.11n-HT40 PSD - Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	

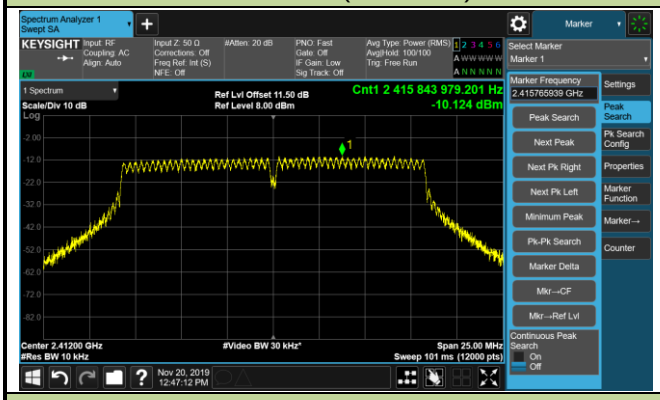
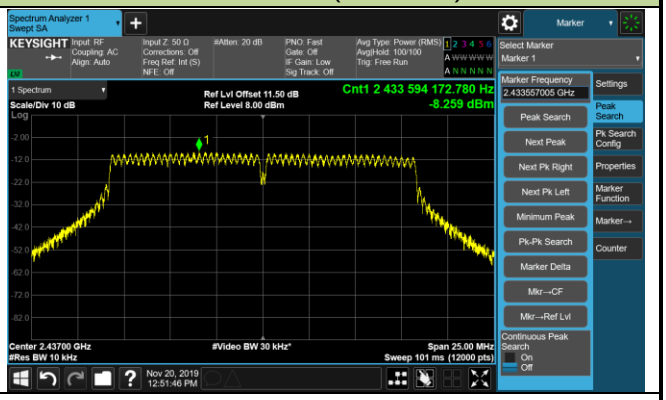
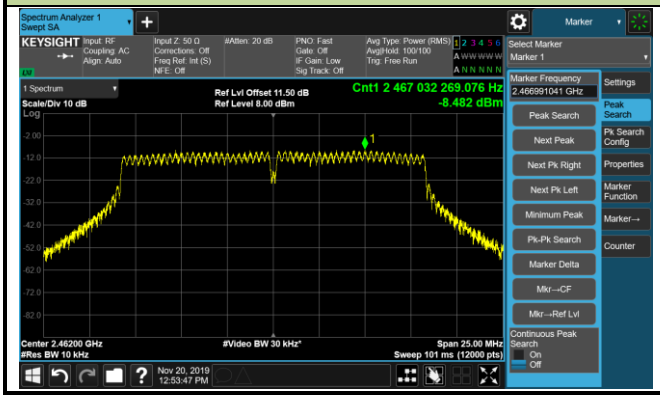
802.11VHT20 PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

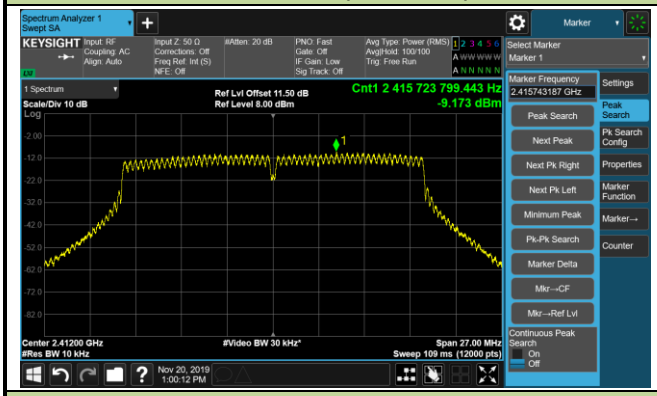
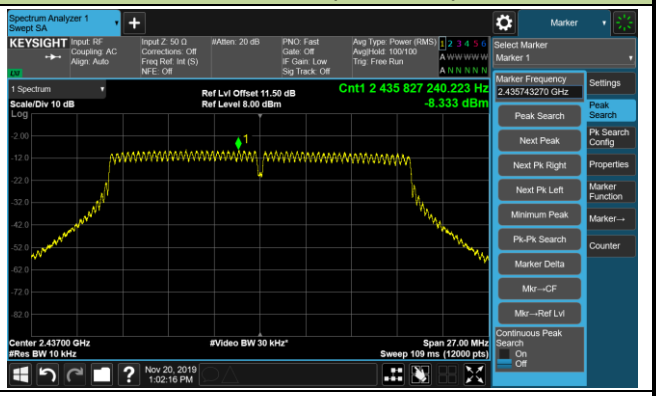
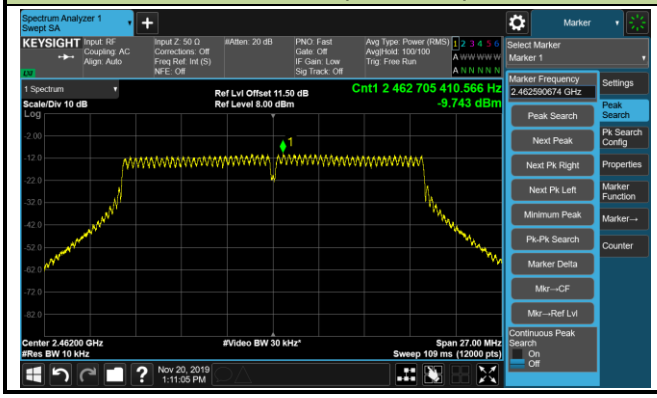
802.11VHT40 PSD - Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

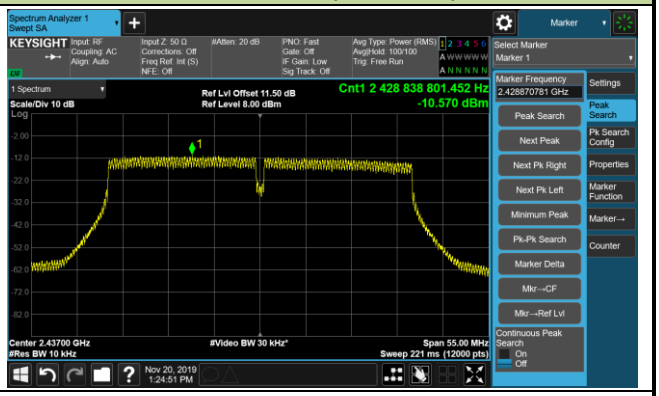
802.11ax-HE20 PSD - Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
Channel 11 (2462MHz)	
	

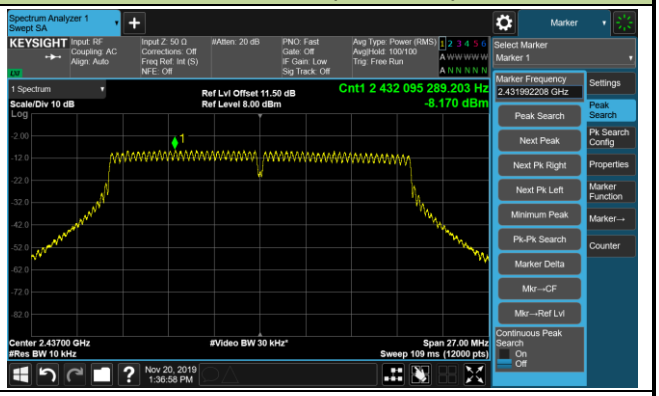
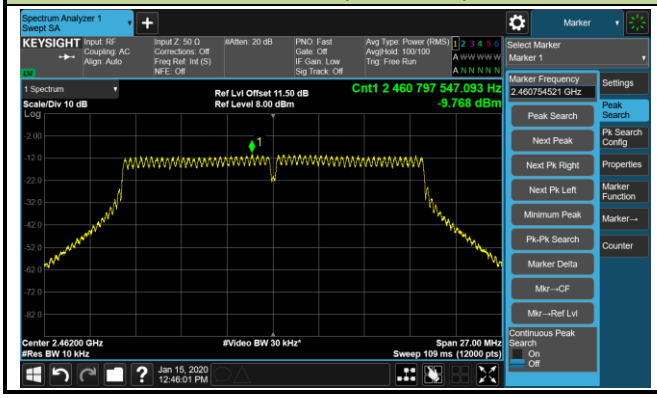
802.11ax-HE40 PSD - Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	
	

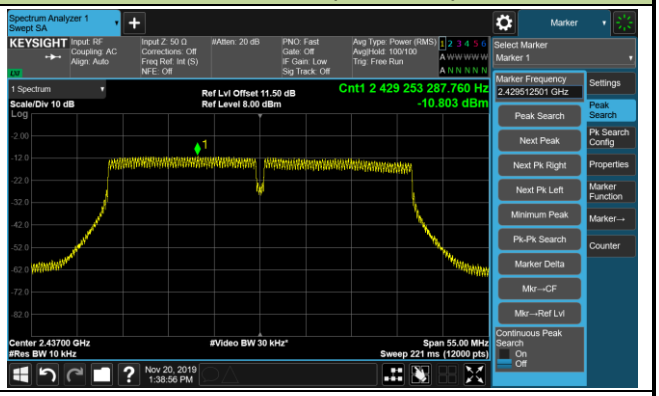
802.11b PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

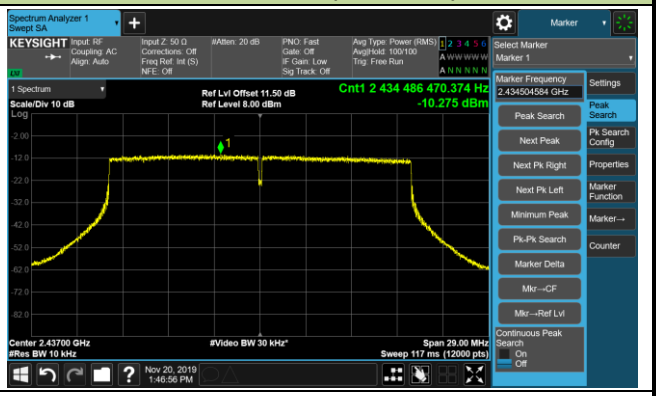
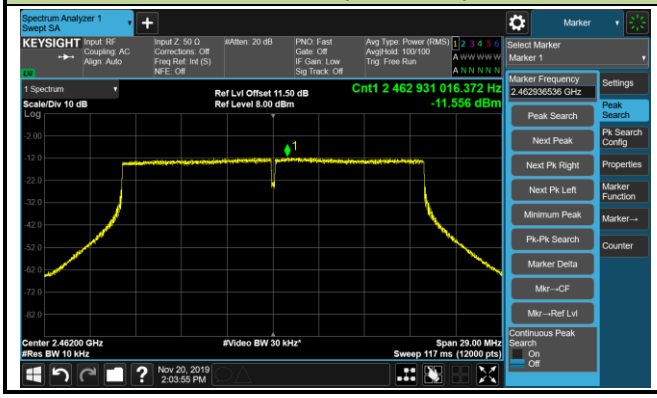
802.11g PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11n-HT40 PSD - Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	

802.11VHT20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)	
	

802.11VHT40 PSD - Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	Channel 06 (2437MHz)
	
Channel 09 (2452MHz)	

802.11ax-HE20 PSD - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	Channel 06 (2437MHz)
	
Channel 11 (2462MHz)