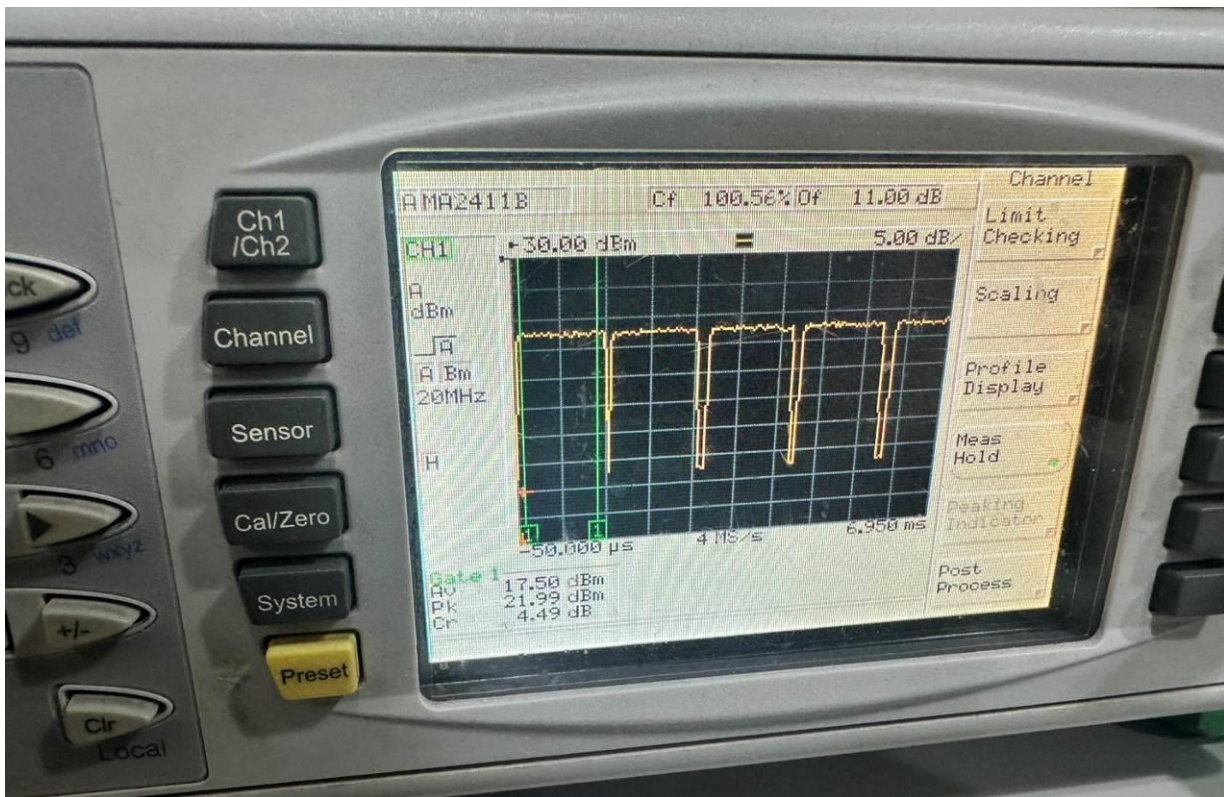
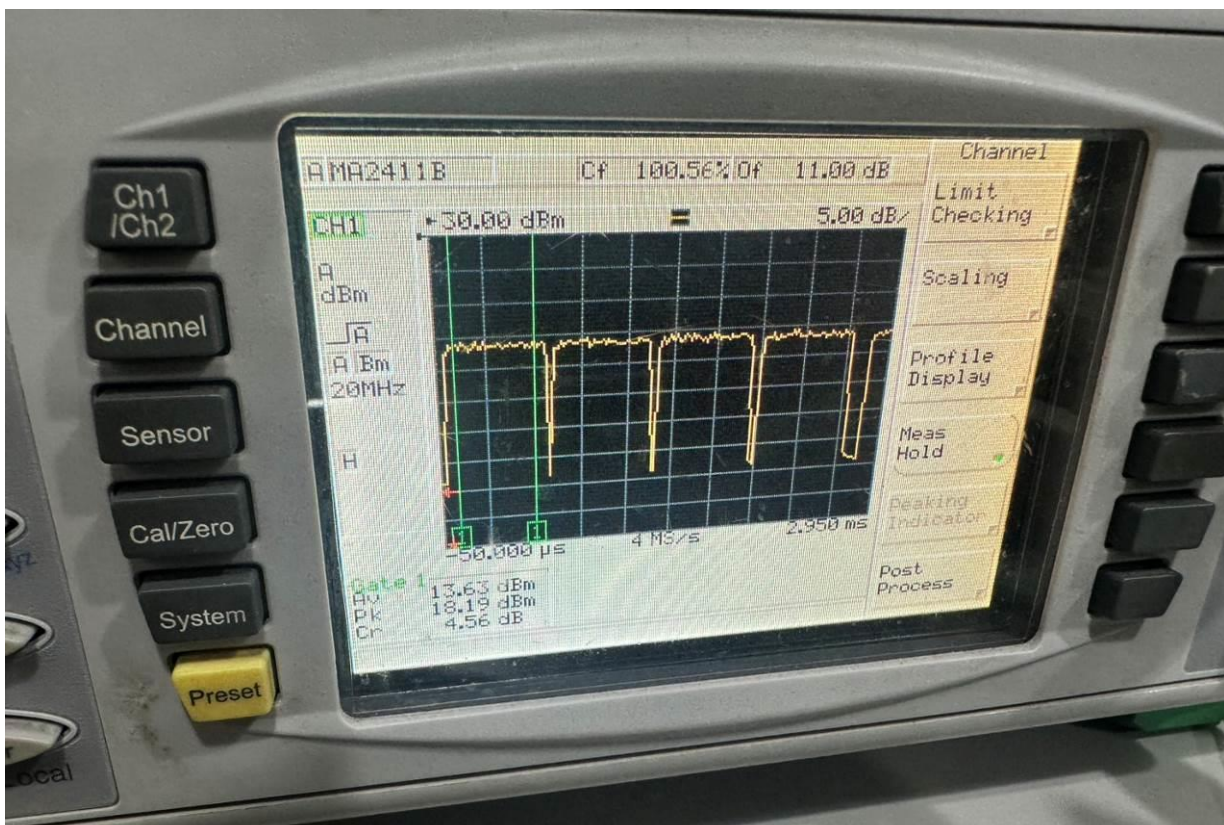




Gate setup plot: ANT A + C
Modulation Type: 802.11n HT20, ANT A

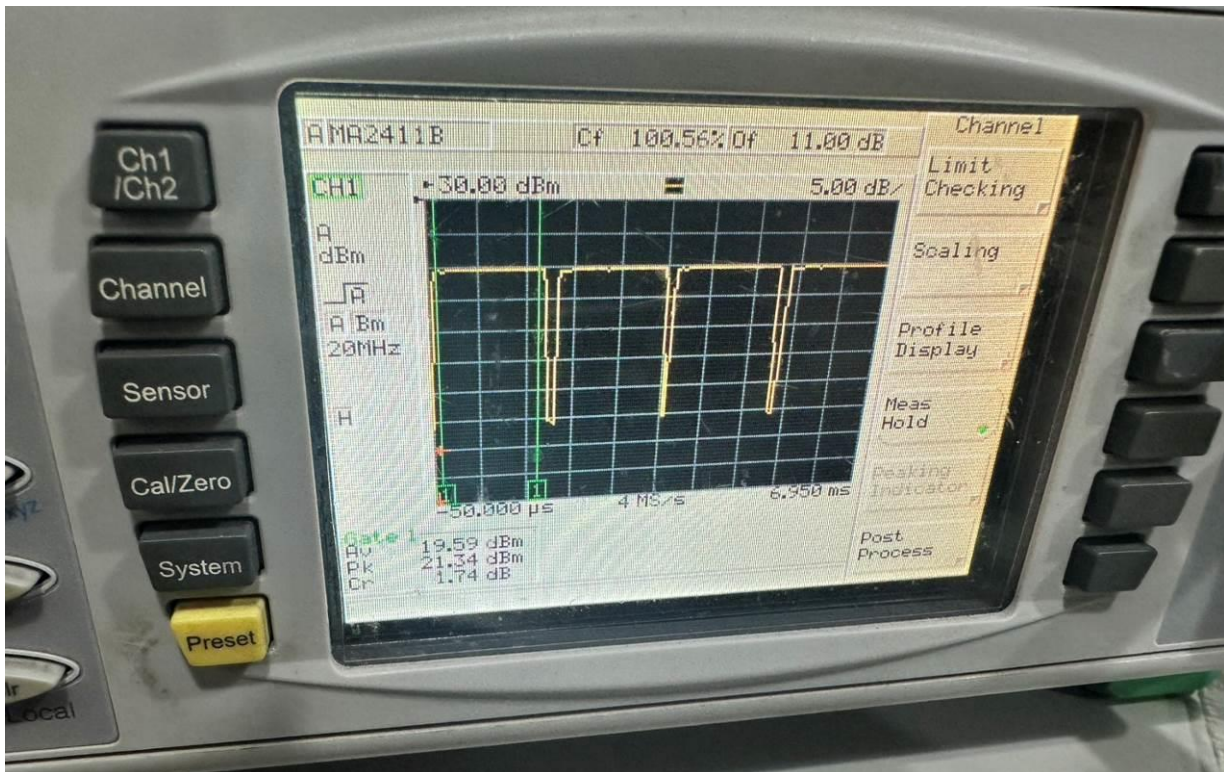


Modulation Type: 802.11n HT40, ANT A

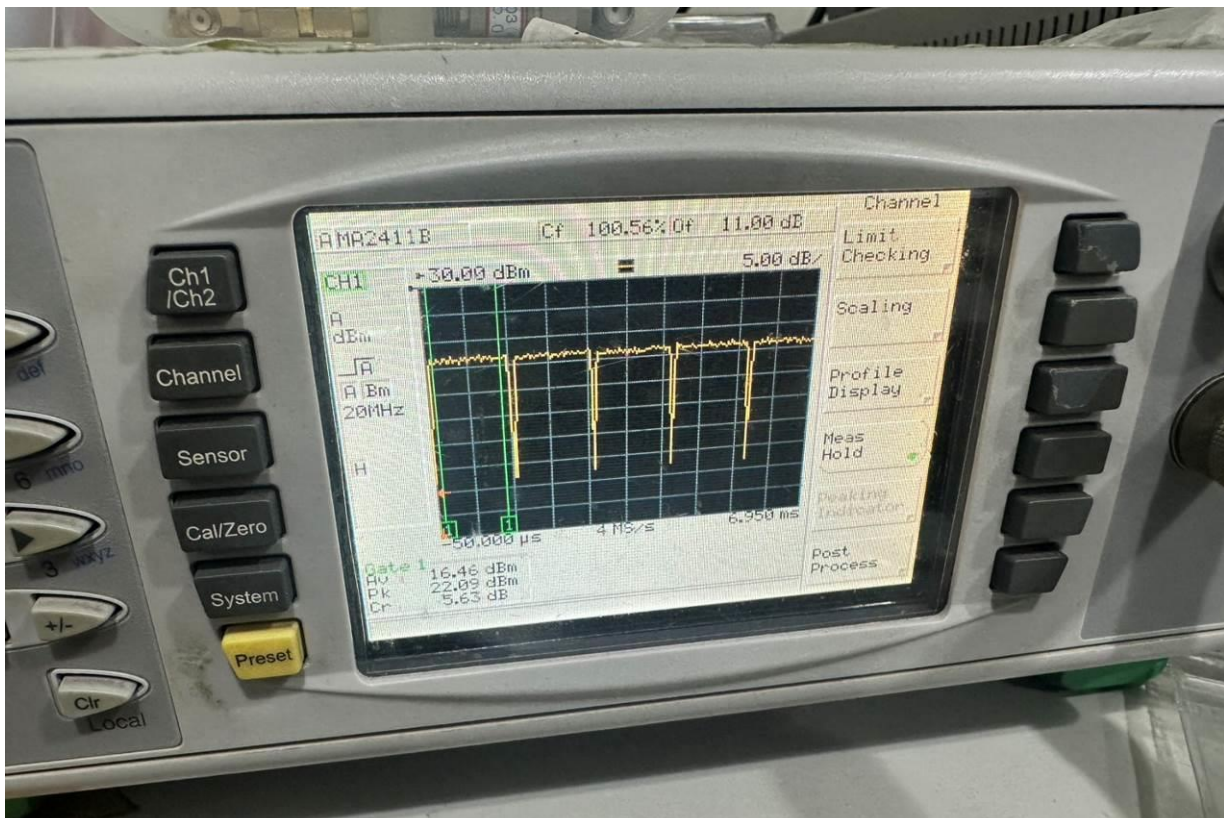




Gate setup plot: ANT A + C
Modulation Type: 802.11b, ANT C

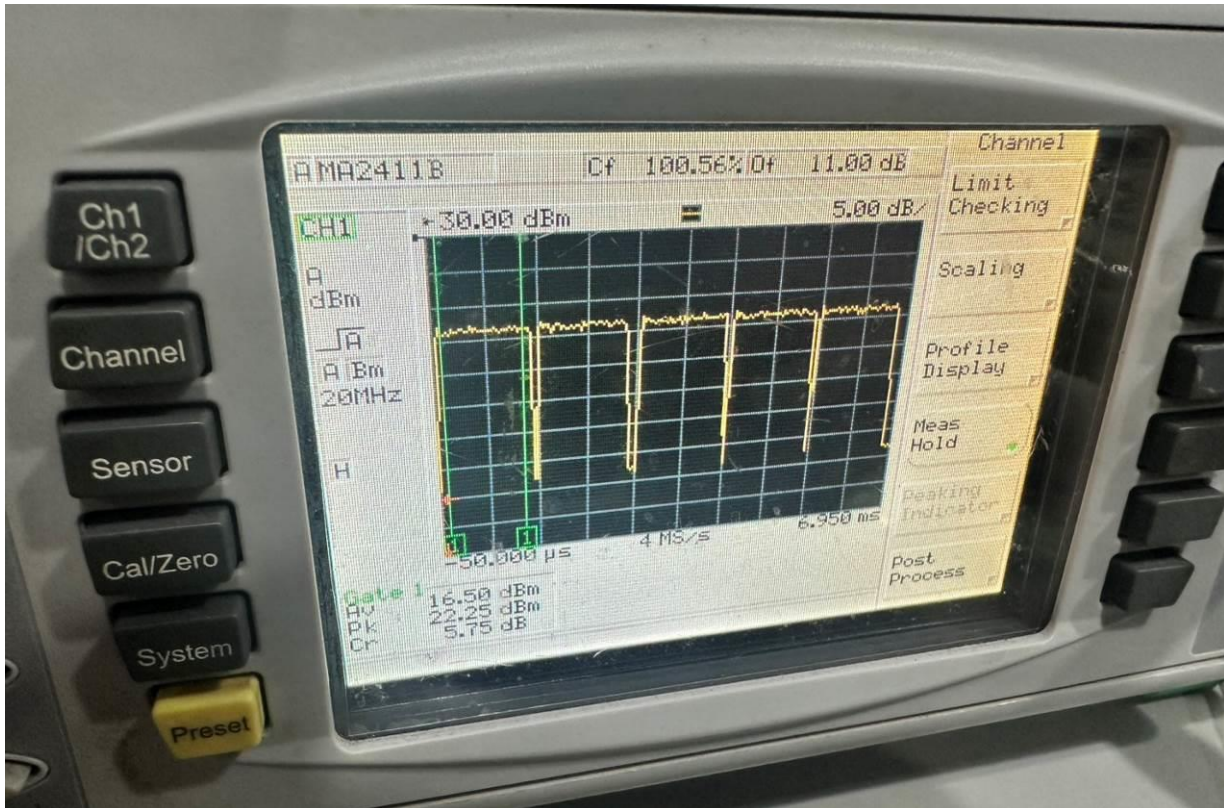


Modulation Type: 802.11g, ANT C

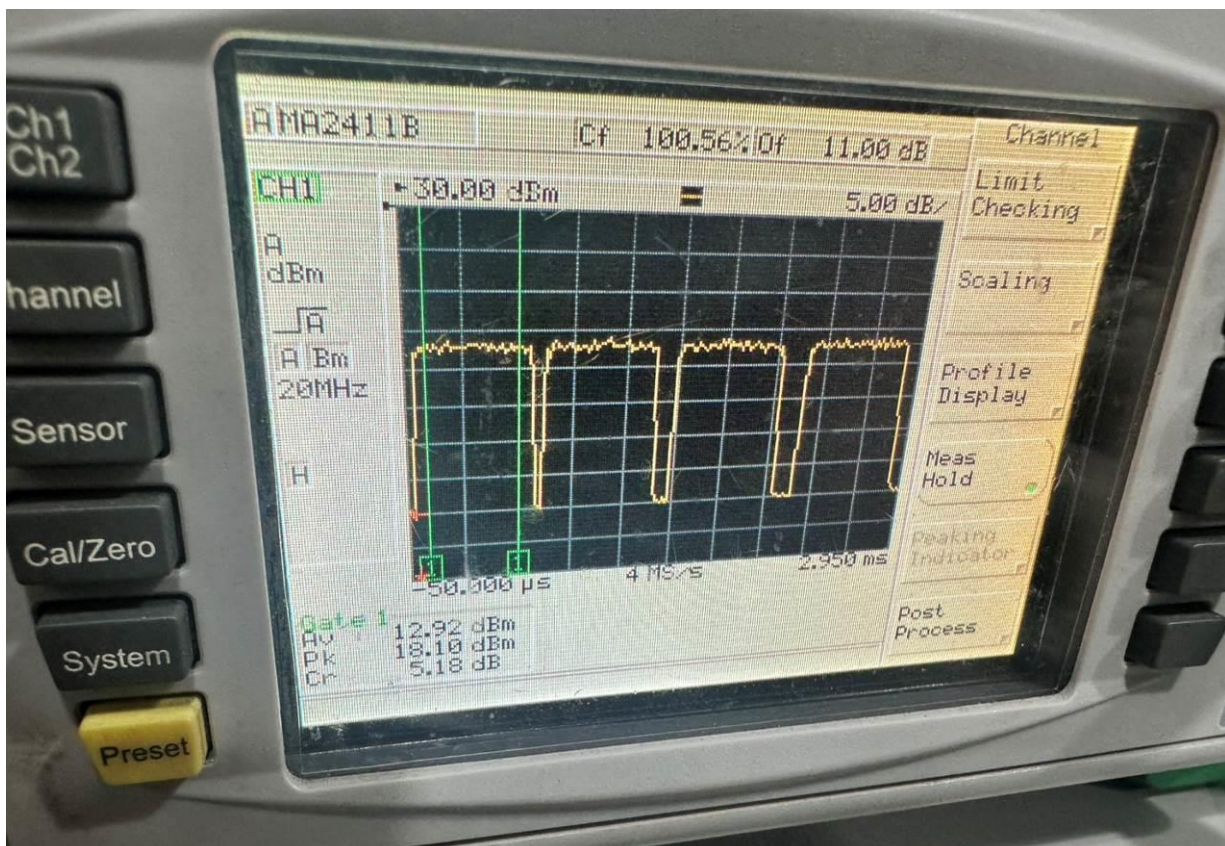




Gate setup plot: ANT A + C
Modulation Type: 802.11n HT20, ANT C



Modulation Type: 802.11n HT40, ANT C





11. Power Spectral Density

11.1 Test Limit

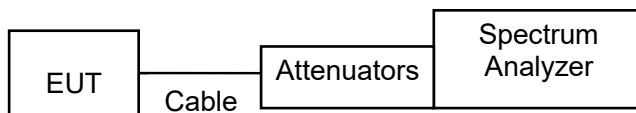
The Maximum of Power Spectral Density Measurement is 8dBm.

If transmitting antennas of directional gain greater than 6 dBi are used, the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

11.2 Test Procedures

According to the methods defined in ANSI C63.10-2020 Section 11.10

11.3 Test Setup Layout





11.4 Test Result and Data

ANT A + B

Modulation Type	CH	Frequency (MHz)	Maximum Power Density of 3KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT B				
11b	1	2412	-18.58	-19.134	-15.84	0.00	-15.84	7.99
	6	2437	-21.524	-22.459	-18.96	0.00	-18.96	7.99
	11	2462	-20.414	-20.754	-17.57	0.00	-17.57	7.99
11g	1	2412	-19.504	-18.432	-15.92	0.36	-15.56	7.99
	6	2437	-19.297	-19.976	-16.61	0.36	-16.25	7.99
	11	2462	-20.738	-21.587	-18.13	0.36	-17.77	7.99
11n HT20	1	2412	-21.138	-20.031	-17.54	0.30	-17.24	7.99
	6	2437	-19.386	-19.826	-16.59	0.30	-16.29	7.99
	11	2462	-22.228	-22.582	-19.39	0.30	-19.09	7.99

Modulation Type	CH	Frequency (MHz)	Maximum Power Density of 100KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT B				
11n HT40	6	2422	-15.316	-16.276	-12.76	0.57	-12.19	7.99
	11	2437	-19.599	-18.617	-16.07	0.57	-15.50	7.99
	1	2452	-20.518	-20.672	-17.58	0.57	-17.01	7.99

**ANT A + C**

Modulation Type	CH	Frequency (MHz)	Maximum Power Density of 3KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT C				
11b	1	2412	-16.401	-16.163	-13.27	0.00	-13.27	7.48
	6	2437	-14.062	-14.964	-11.48	0.00	-11.48	7.48
	11	2462	-15.371	-14.342	-11.82	0.00	-11.82	7.48
11g	1	2412	-23.205	-22.497	-19.83	0.17	-19.66	7.48
	6	2437	-17.501	-17.413	-14.45	0.17	-14.28	7.48
	11	2462	-20.199	-19.191	-16.66	0.17	-16.49	7.48
11n HT20	1	2412	-19.882	-20.518	-17.18	0.44	-16.74	7.48
	6	2437	-18.258	-16.894	-14.51	0.44	-14.07	7.48
	11	2462	-20.624	-21.376	-17.97	0.44	-17.53	7.48

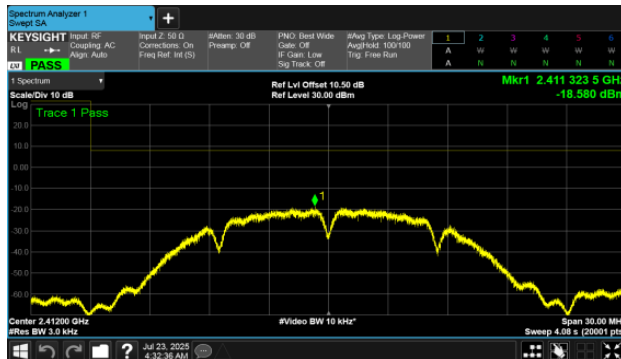
Modulation Type	CH	Frequency (MHz)	Maximum Power Density of 100KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT C				
11n HT40	3	2422	-15.867	-15.483	-12.66	0.00	-12.66	7.48
	6	2437	-16.759	-16.647	-13.69	0.00	-13.69	7.48
	9	2452	-21.251	-22.589	-18.86	0.00	-18.86	7.48



ANT A + B

ANT A

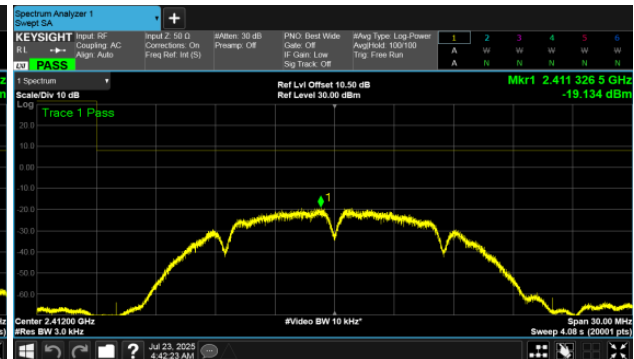
Modulation Type: 802.11b CH01



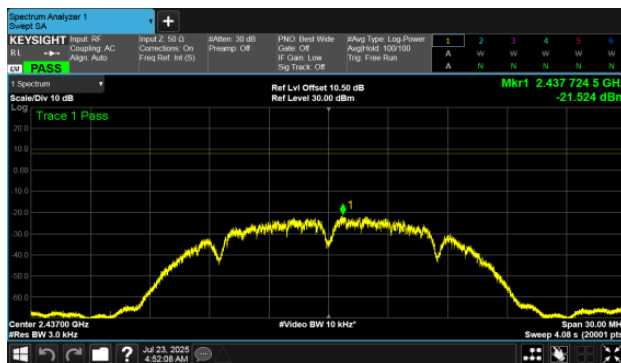
ANT A + B

ANT B

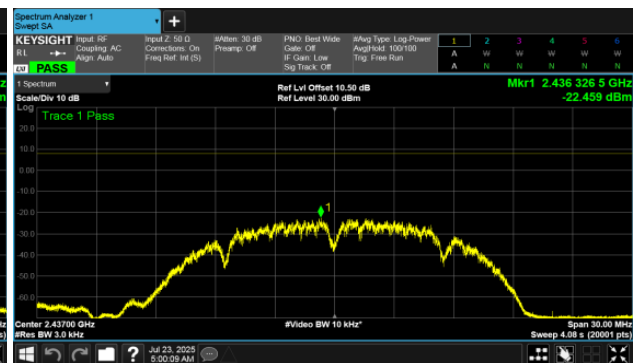
Modulation Type: 802.11b CH01



Modulation Type: 802.11b CH06



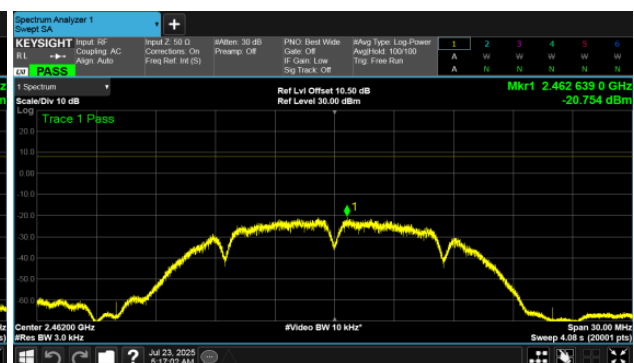
Modulation Type: 802.11b CH06



Modulation Type: 802.11b CH11



Modulation Type: 802.11b CH11

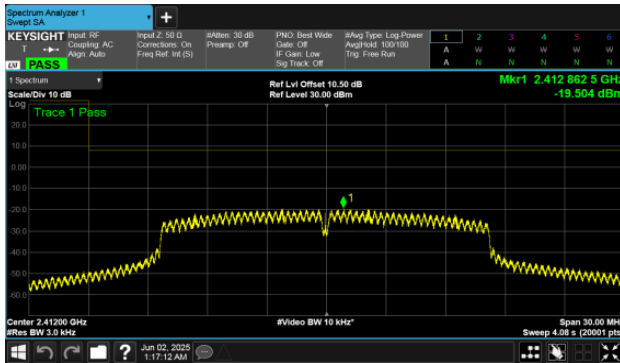




ANT A + B

ANT A

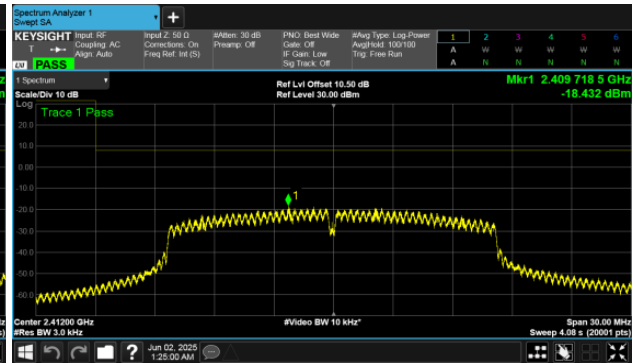
Modulation Type: 802.11g CH01



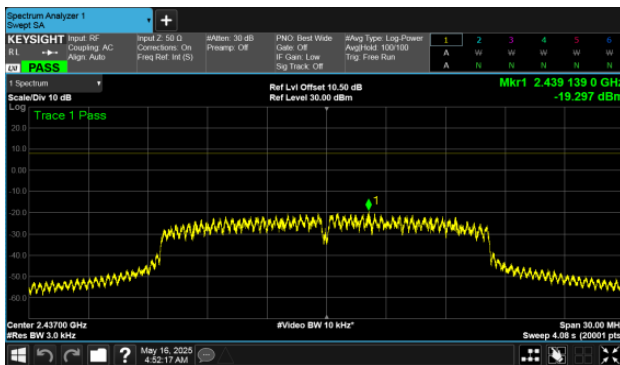
ANT A + B

ANT B

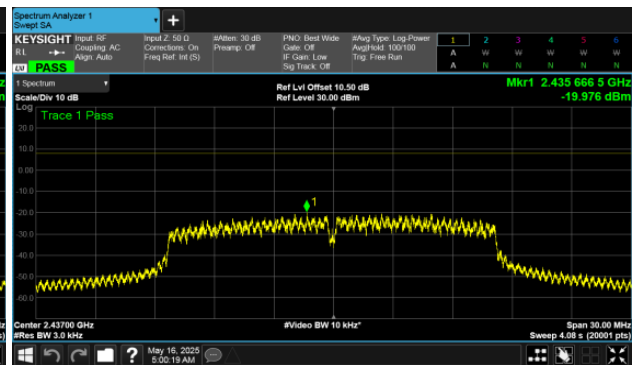
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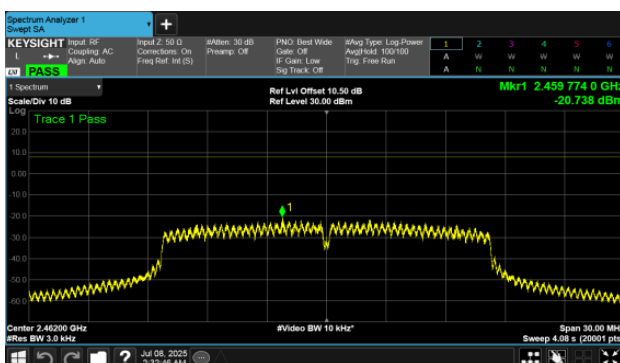
Modulation Type: 802.11g CH06



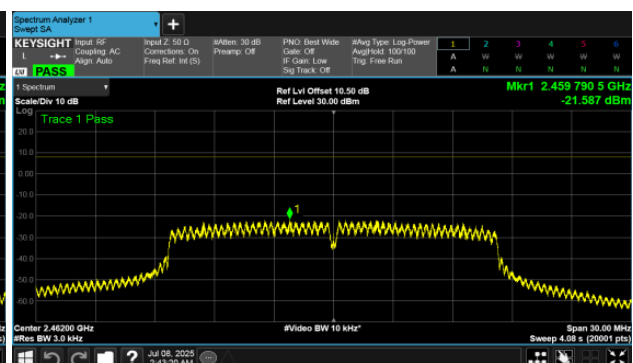
Modulation Type: 802.11g CH06



Modulation Type: 802.11g CH11



Modulation Type: 802.11g CH11

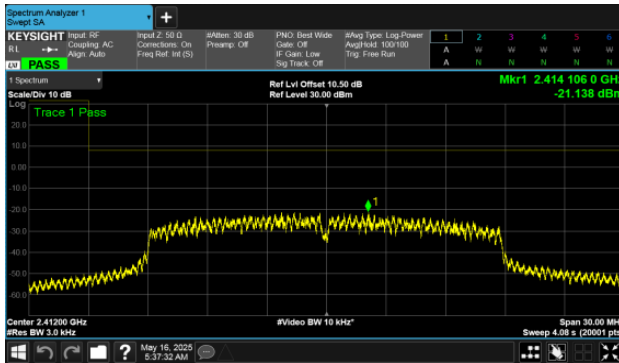




ANT A + B

ANT A

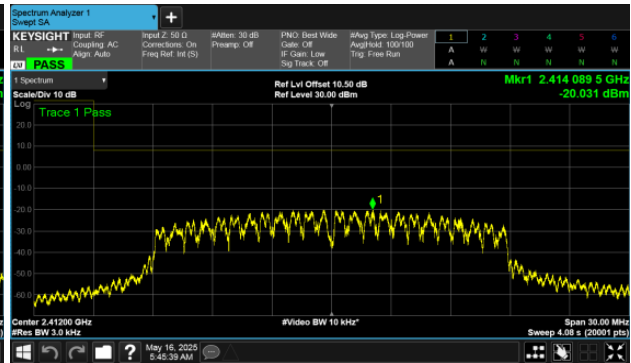
Modulation Type: 802.11n HT20 CH01



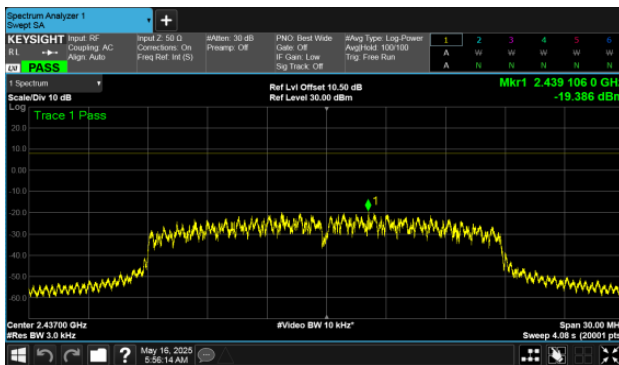
ANT A + B

ANT B

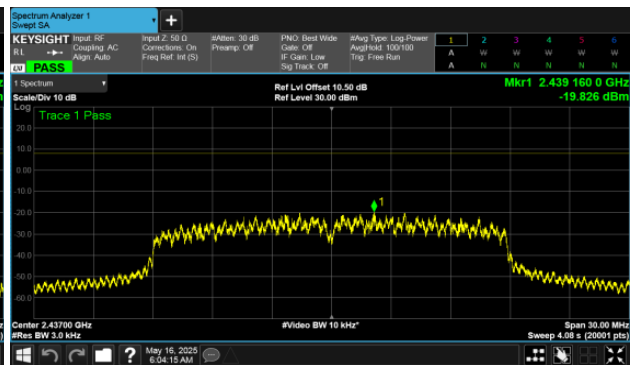
Modulation Type: 802.11n HT20 CH01



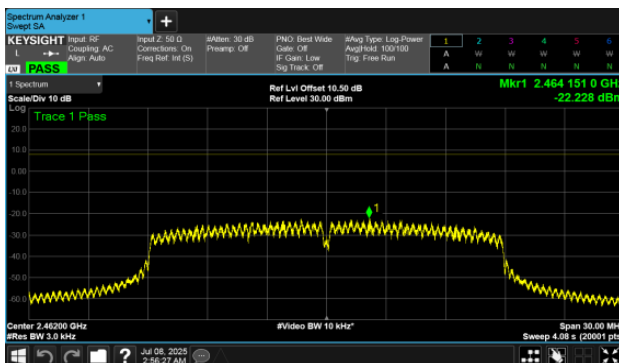
Modulation Type: 802.11n HT20 CH06



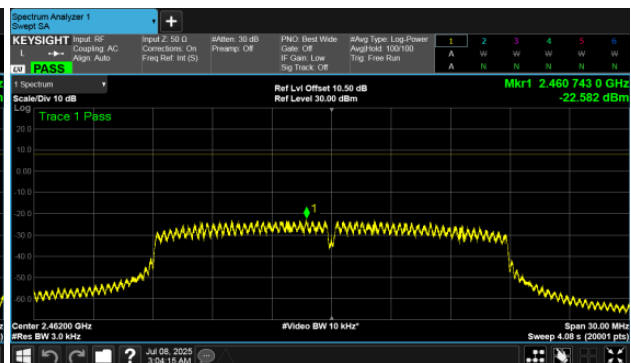
Modulation Type: 802.11n HT20 CH06



Modulation Type: 802.11n HT20 CH11



Modulation Type: 802.11n HT20 CH11





ANT A + B

ANT A

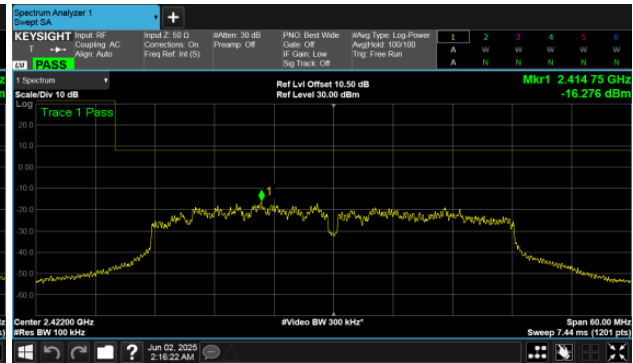
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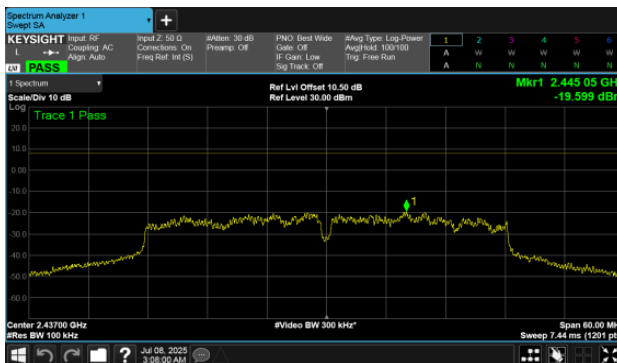
ANT A + B

ANT B

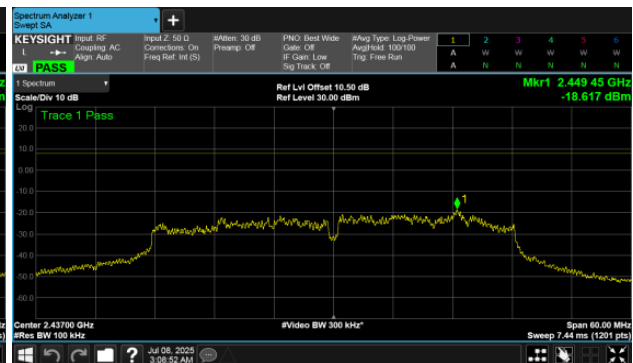
Modulation Type: 802.11n HT40 CH03



Modulation Type: 802.11n HT40 CH06



Modulation Type: 802.11n HT40 CH06



Modulation Type: 802.11n HT40 CH09



Modulation Type: 802.11n HT40 CH09

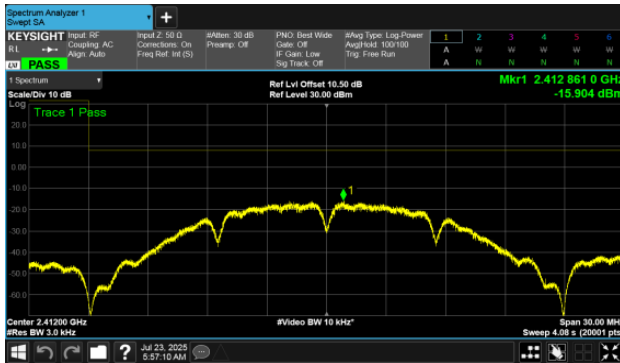




ANT A + C

ANT A

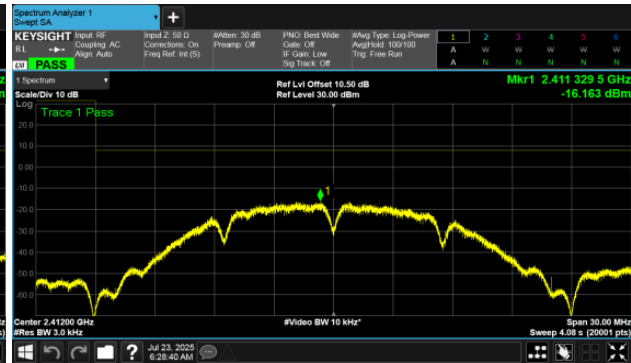
Modulation Type: 802.11b CH01



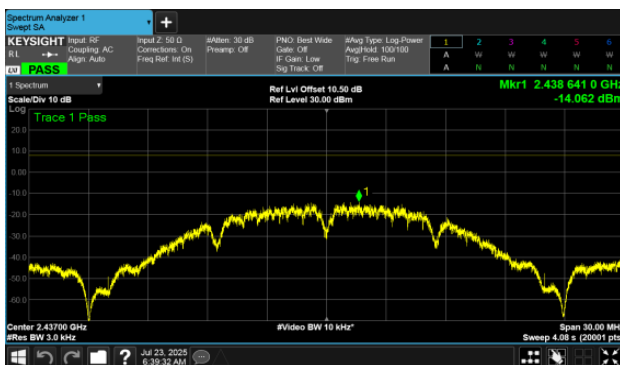
ANT A + C

ANT C

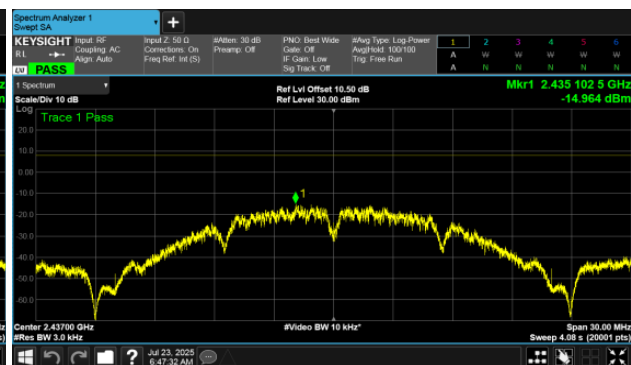
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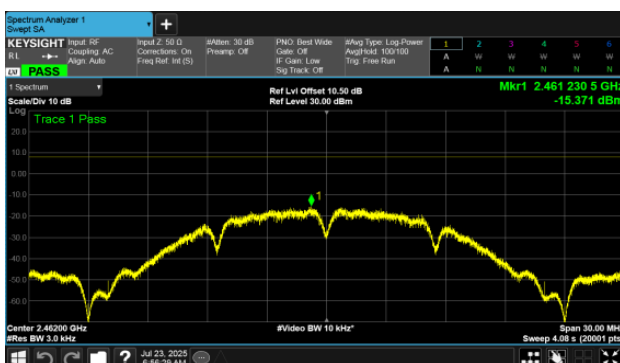
Modulation Type: 802.11b CH06



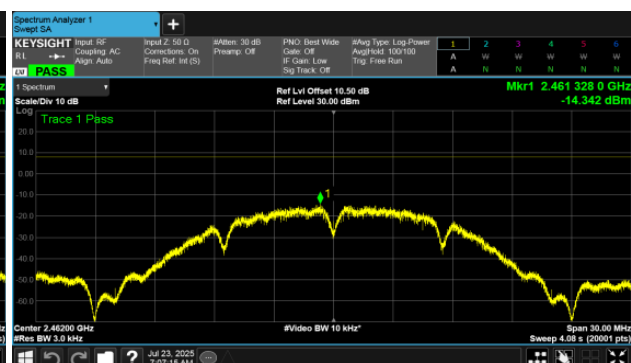
Modulation Type: 802.11b CH06



Modulation Type: 802.11b CH11



Modulation Type: 802.11b CH11

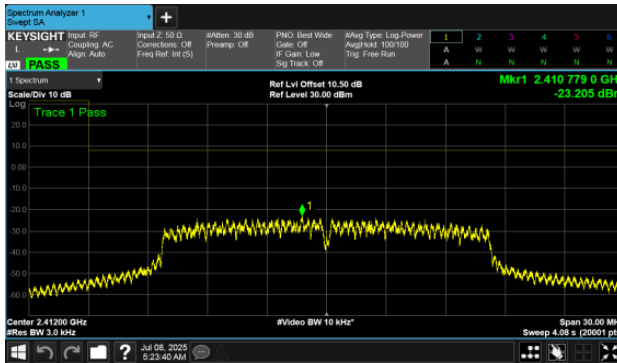




ANT A + C

ANT A

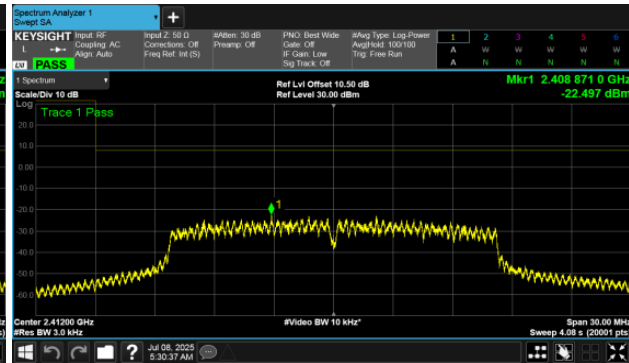
Modulation Type: 802.11g CH01



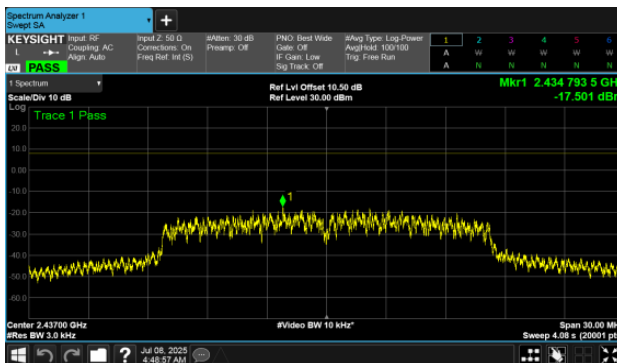
ANT A + C

ANT C

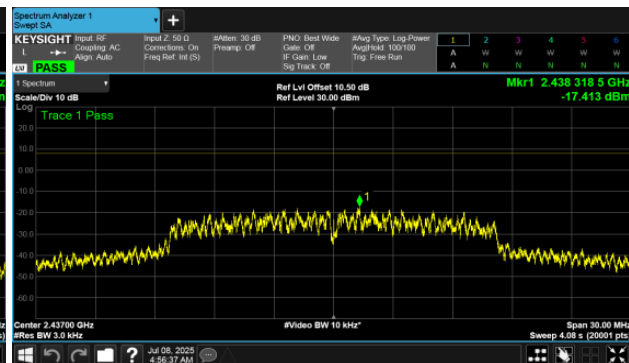
Modulation Type: 802.11g CH01



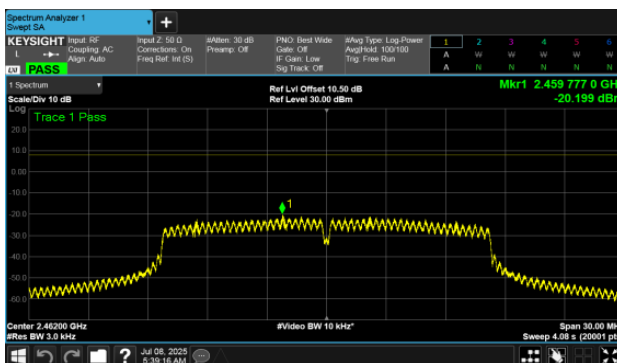
Modulation Type: 802.11g CH06



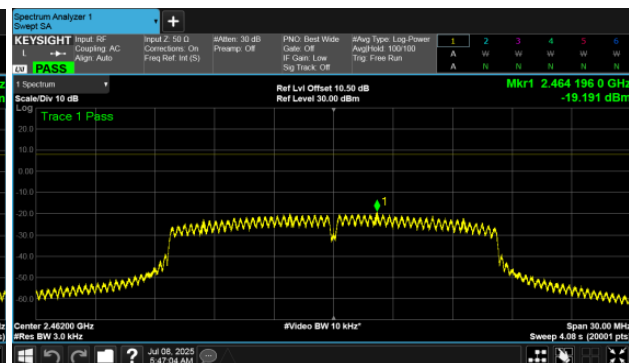
Modulation Type: 802.11g CH06



Modulation Type: 802.11g CH11



Modulation Type: 802.11g CH11

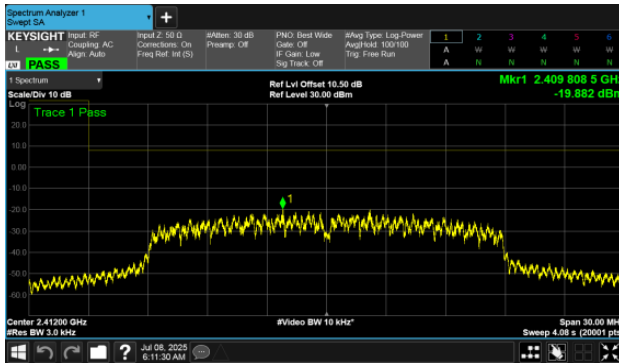




ANT A + C

ANT A

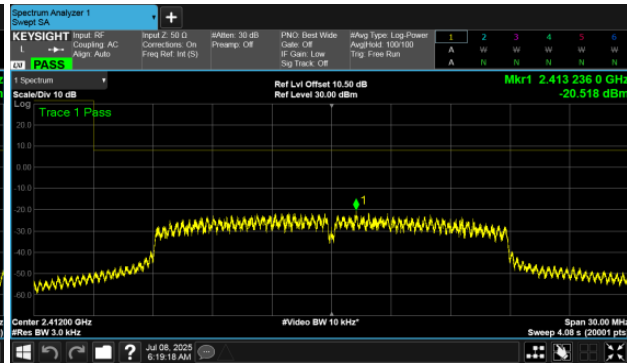
Modulation Type: 802.11n HT20 CH01



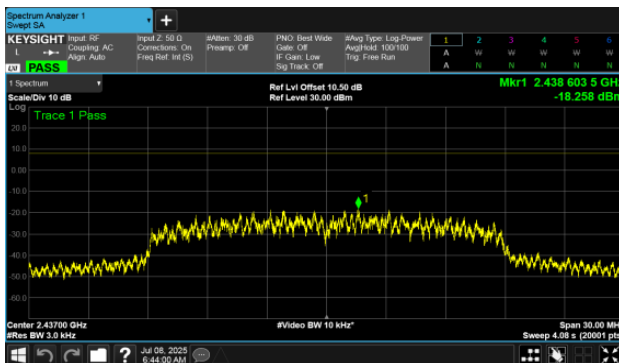
ANT A + C

ANT C

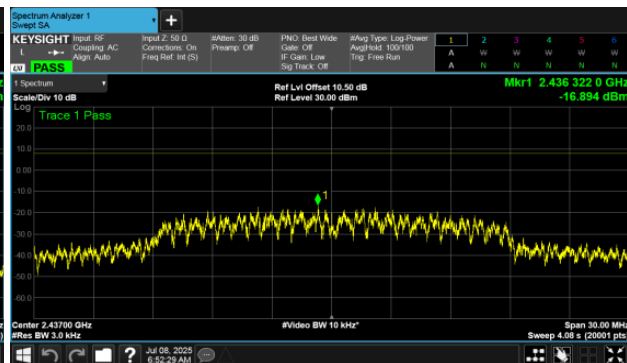
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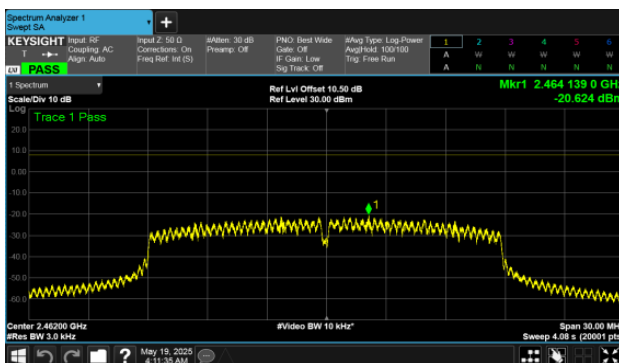
Modulation Type: 802.11n HT20 CH06



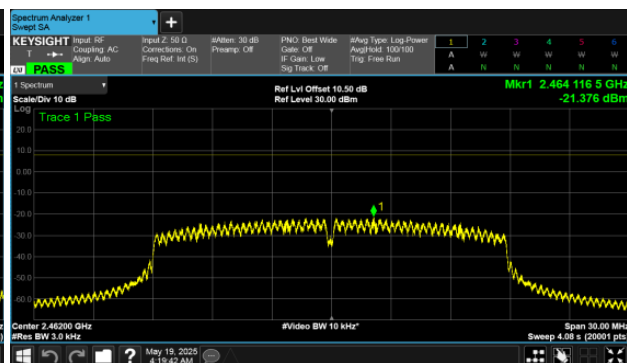
Modulation Type: 802.11n HT20 CH06



Modulation Type: 802.11n HT20 CH11



Modulation Type: 802.11n HT20 CH11





ANT A + C

ANT A

Modulation Type: 802.11n HT40 CH03



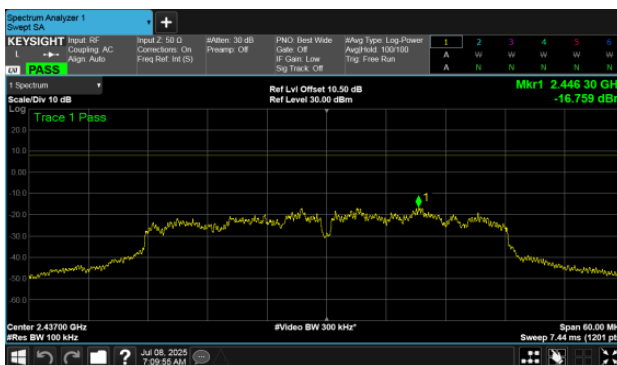
ANT A + C

ANT C

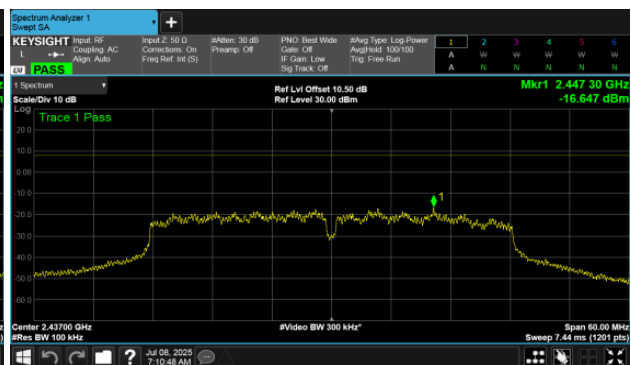
Modulation Type: 802.11n HT40 CH03



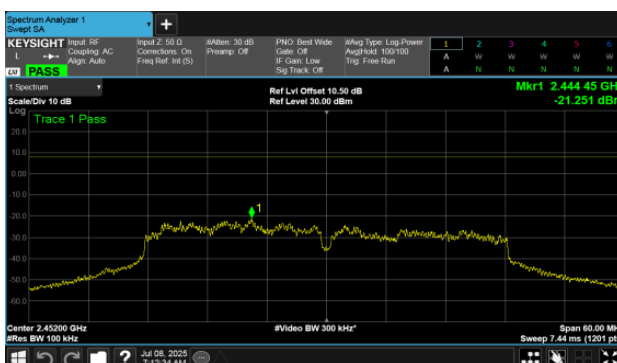
Modulation Type: 802.11n HT40 CH06



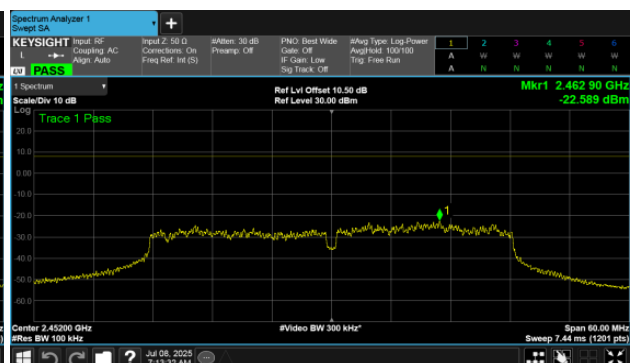
Modulation Type: 802.11n HT40 CH06



Modulation Type: 802.11n HT40 CH09



Modulation Type: 802.11n HT40 CH09



-----THE END OF REPORT-----