Appendix A: Test Results of Conducted Test

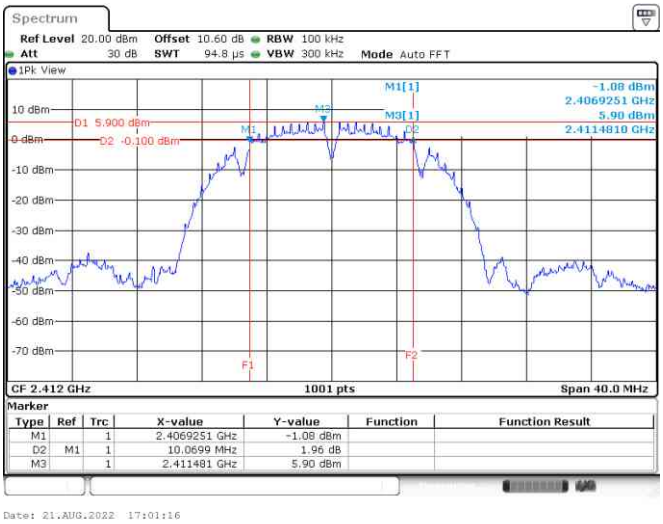
Test Result of 6 dB Bandwidth

802.11b: 2TX

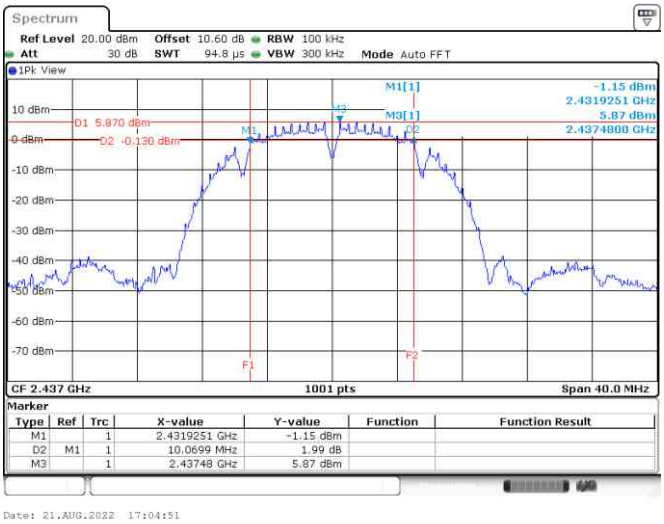
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	10.07	10.07	> 0.5	Pass
Middle Channel	2437	10.07	10.03	> 0.5	Pass
High Channel	2462	10.07	10.07	> 0.5	Pass

<Chain 0>

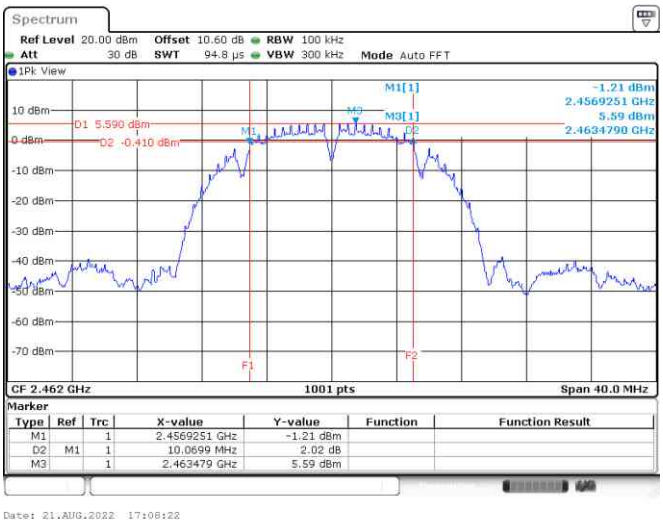
Low Channel



Middle Channel

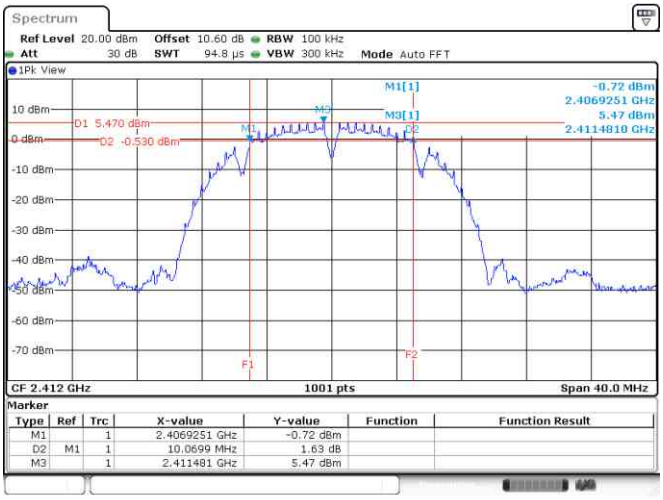


High Channel

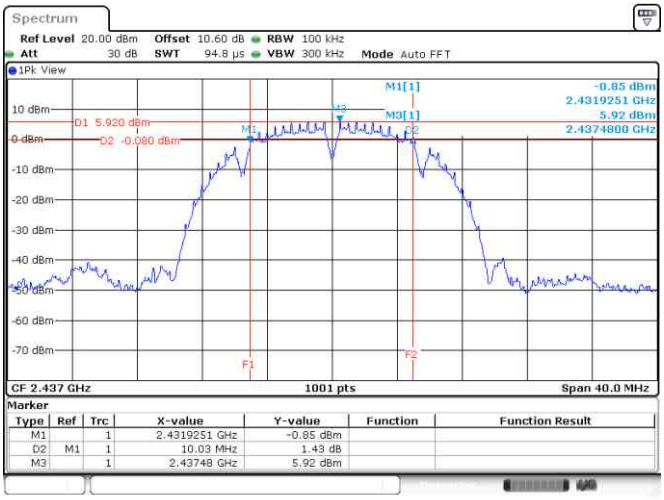


<Chain 1>

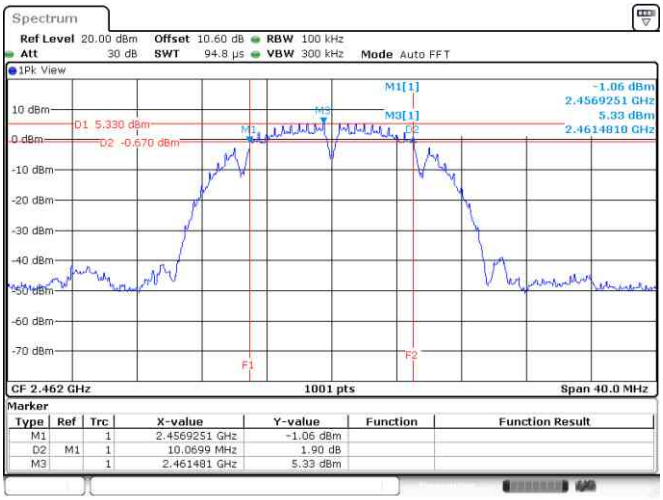
Low Channel



Middle Channel



High Channel

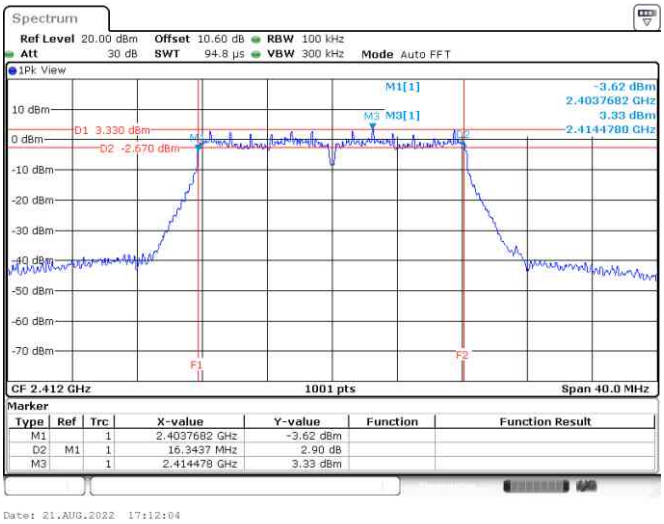


802.11g: 2TX

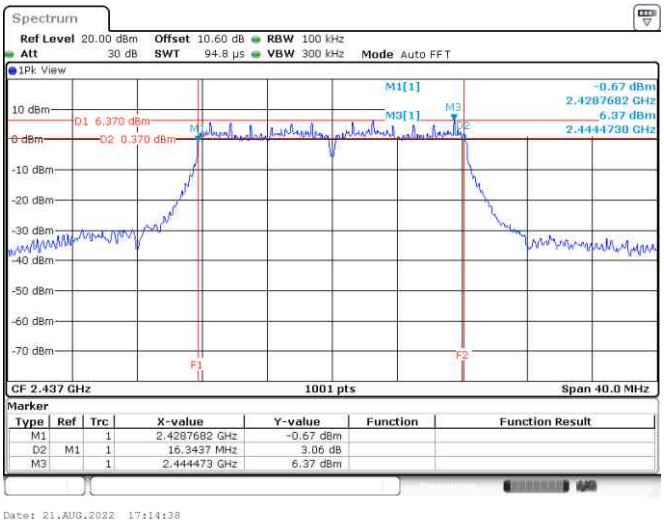
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	16.34	16.30	> 0.5	Pass
Middle Channel	2437	16.34	16.38	> 0.5	Pass
High Channel	2462	16.34	16.38	> 0.5	Pass

<Chain 0>

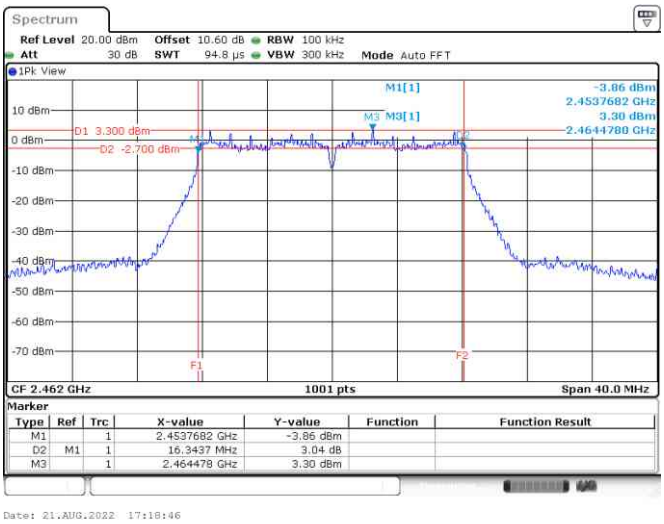
Low Channel



Middle Channel

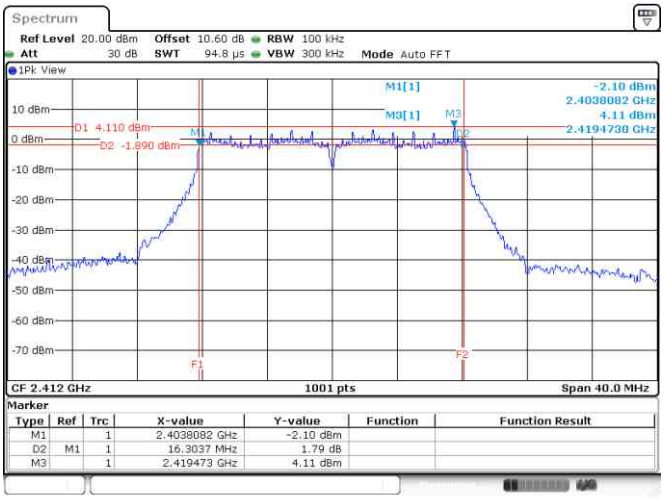


High Channel



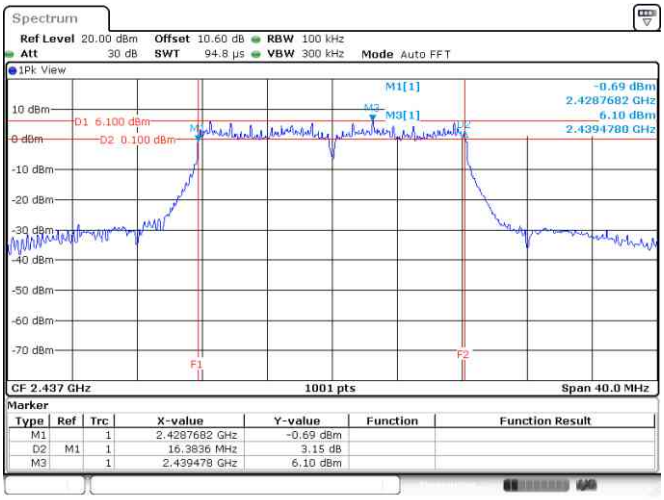
<Chain 1>

Low Channel



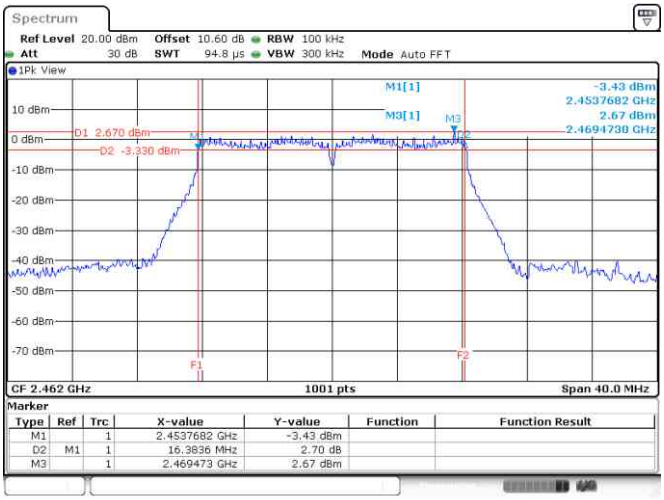
Date: 22.AUG.2022 10:25:35

Middle Channel



Date: 22.AUG.2022 10:29:30

High Channel



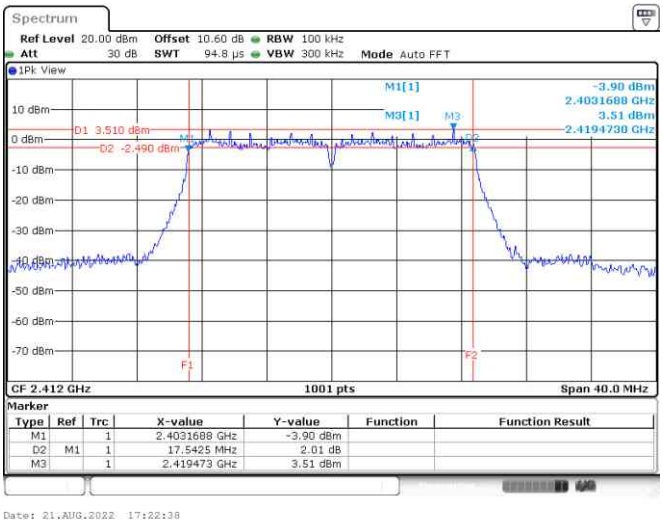
Date: 22.AUG.2022 10:36:15

802.11n HT20: 2TX

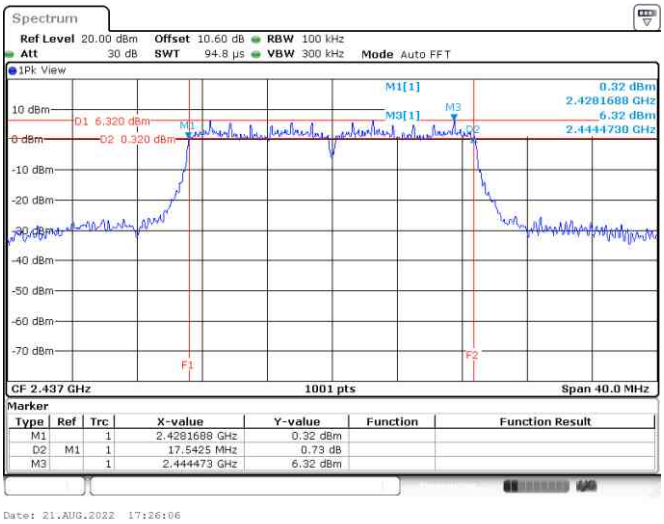
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	17.54	17.54	> 0.5	Pass
Middle Channel	2437	17.54	17.54	> 0.5	Pass
High Channel	2462	17.54	17.54	> 0.5	Pass

<Chain 0>

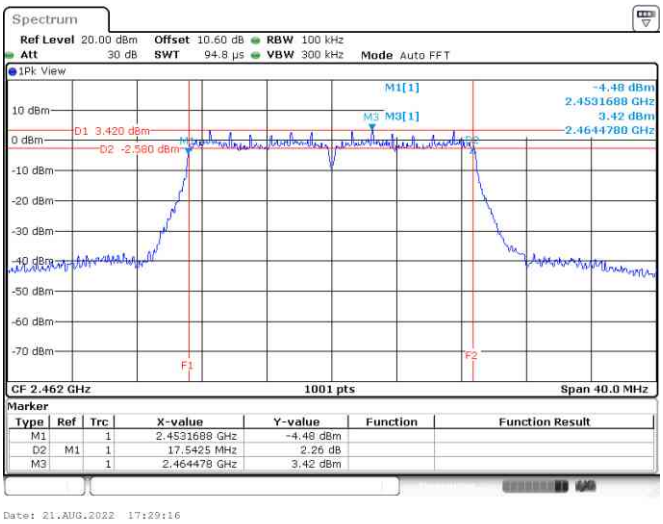
Low Channel



Middle Channel

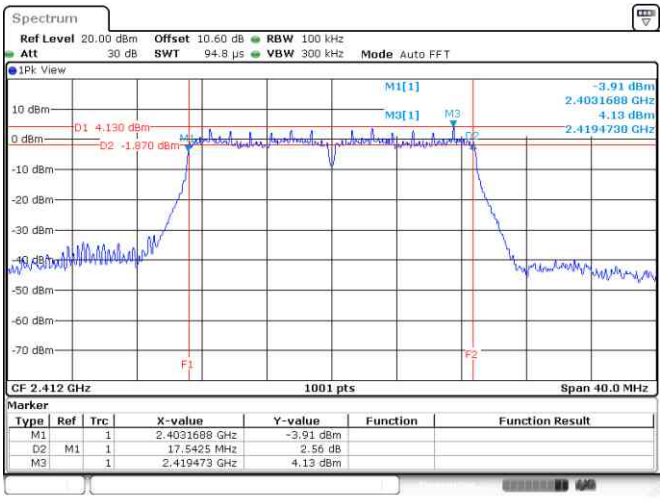


High Channel

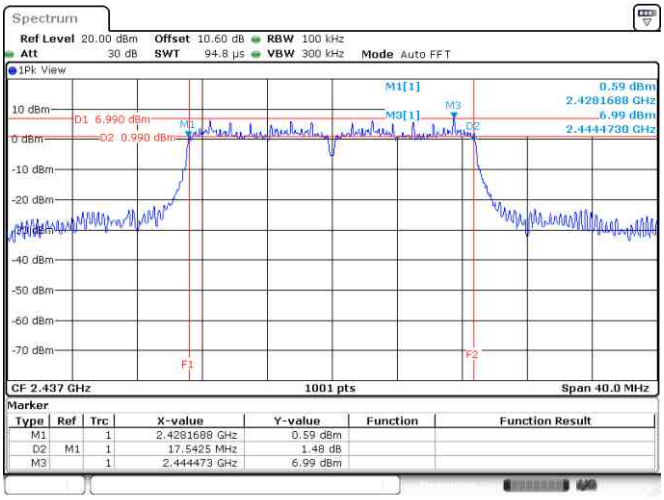


<Chain 1>

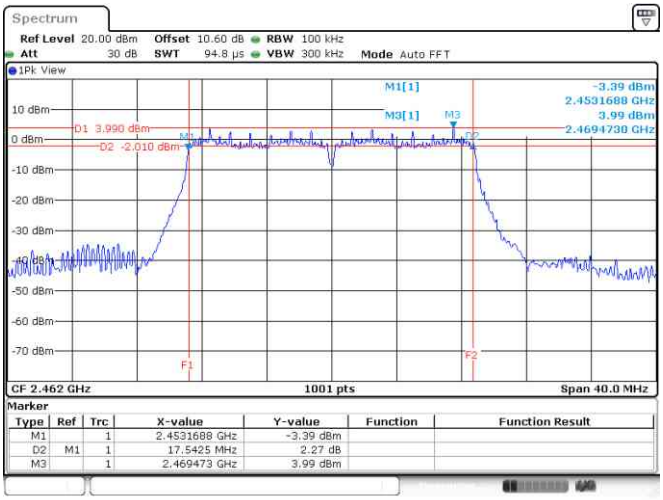
Low Channel



Middle Channel



High Channel

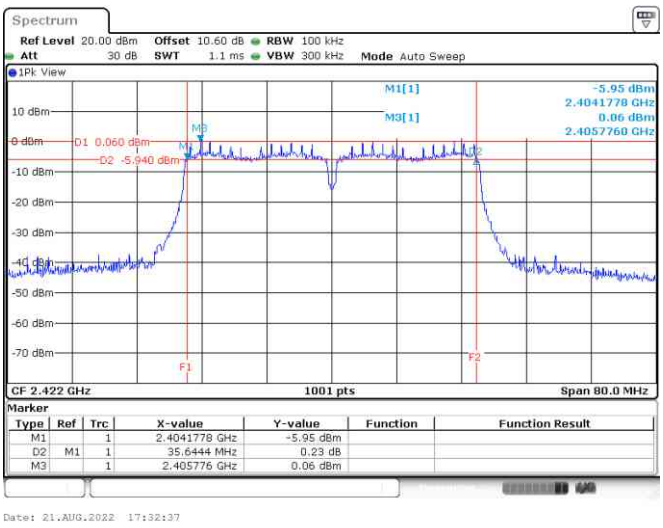


802.11n HT40: 2TX

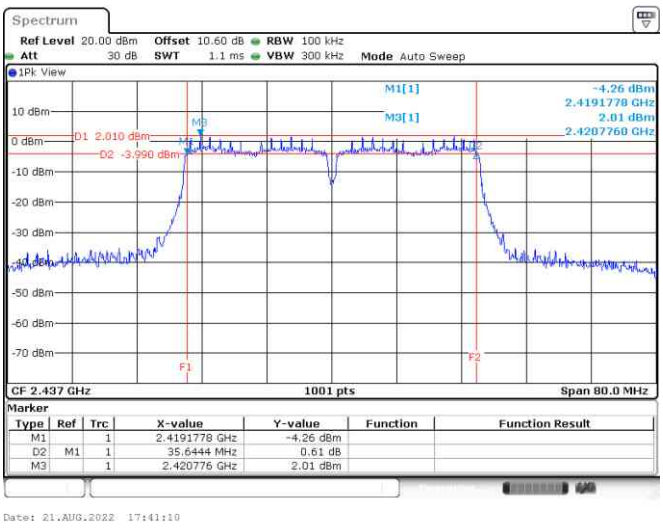
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2422	35.64	35.80	> 0.5	Pass
Middle Channel	2437	35.64	36.04	> 0.5	Pass
High Channel	2452	35.64	35.72	> 0.5	Pass

<Chain 0>

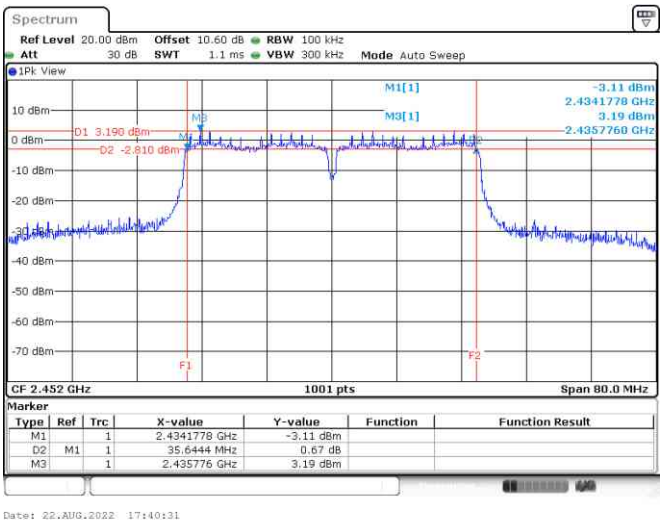
Low Channel



Middle Channel

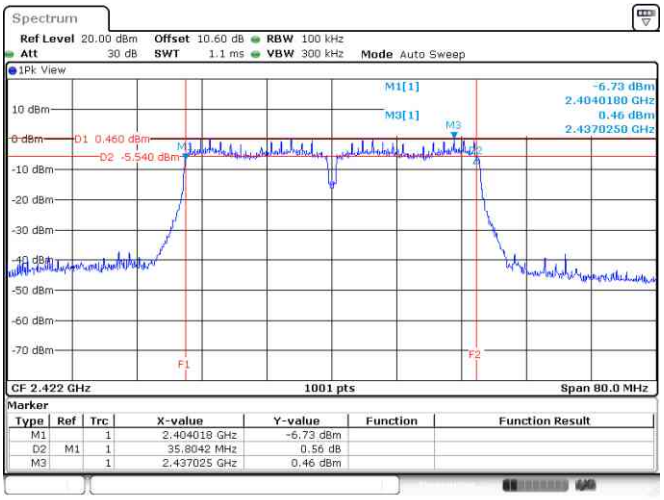


High Channel

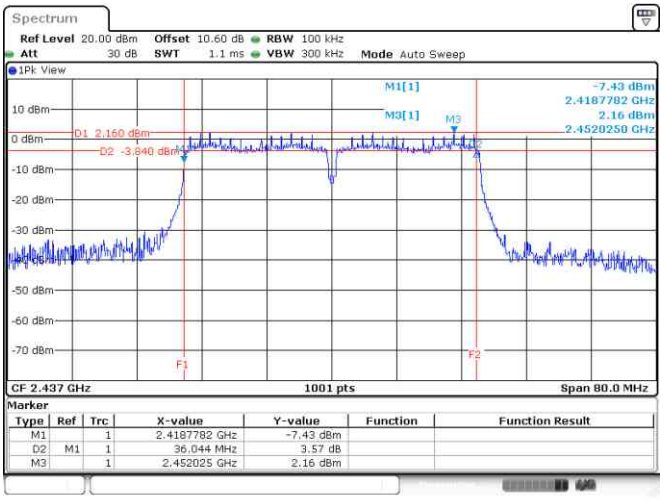


<Chain 1>

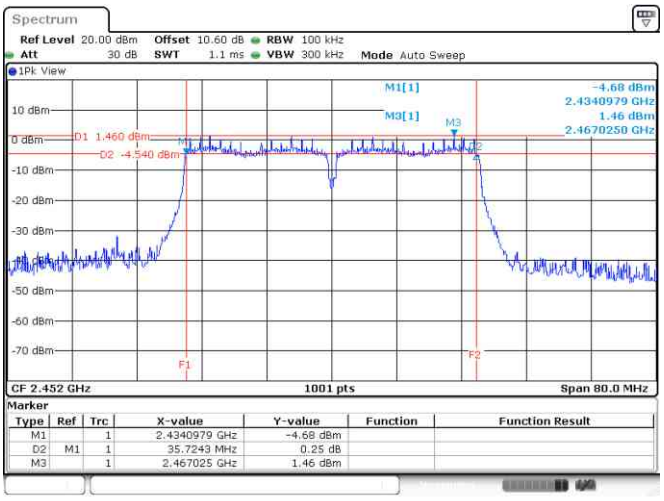
Low Channel



Middle Channel



High Channel



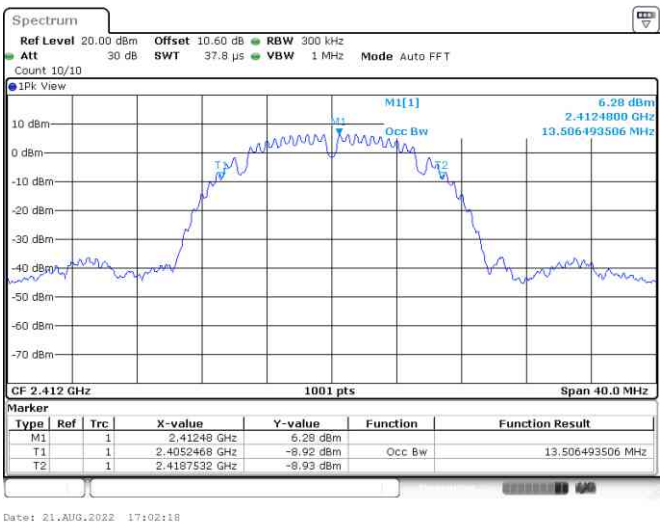
Test Result of 99% Occupied Bandwidth

802.11b: 2TX

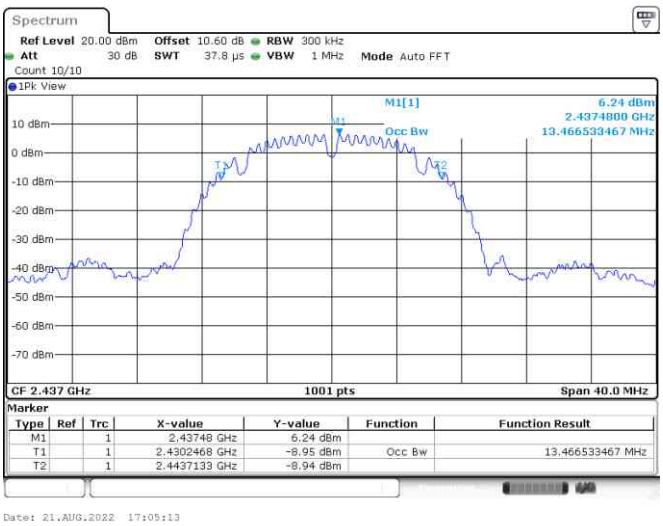
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	13.51	13.51
Middle Channel	2437	13.47	13.47
High Channel	2462	13.51	13.51

<Chain 0>

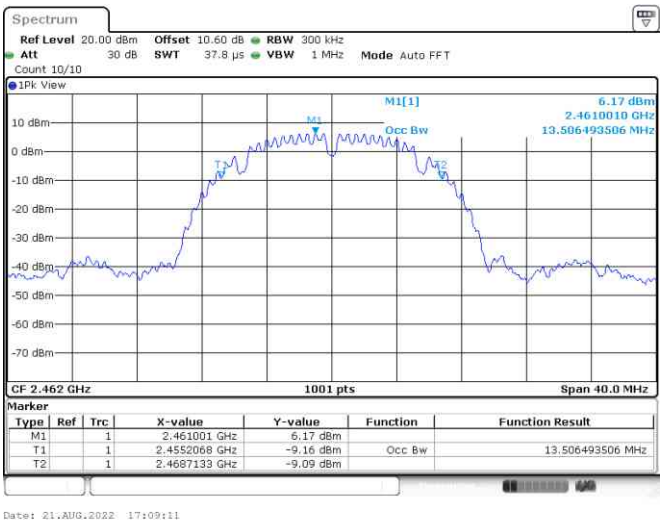
Low Channel



Middle Channel



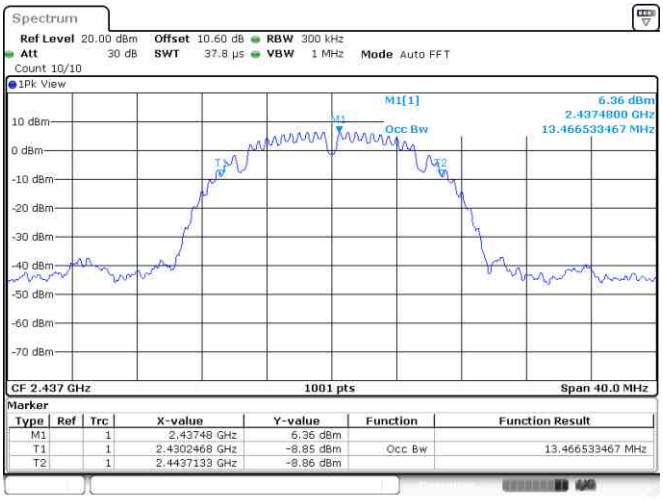
High Channel



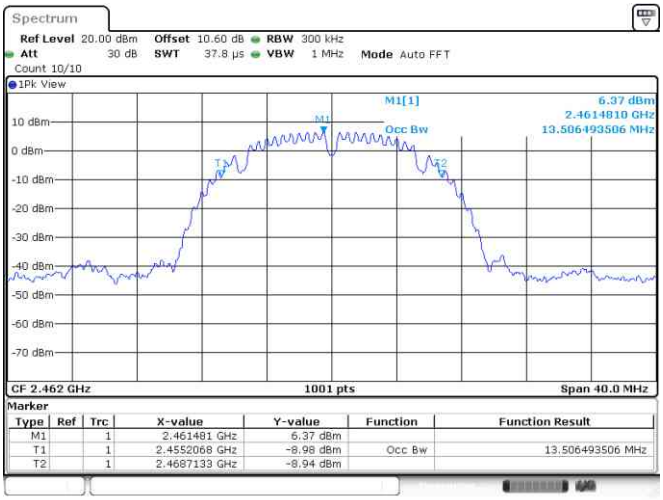
<Chain 1>

Low Channel

Middle Channel



High Channel

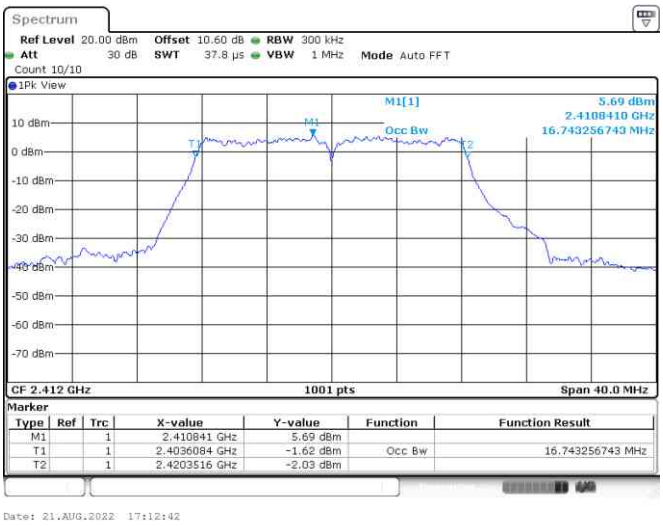


802.11g: 2TX

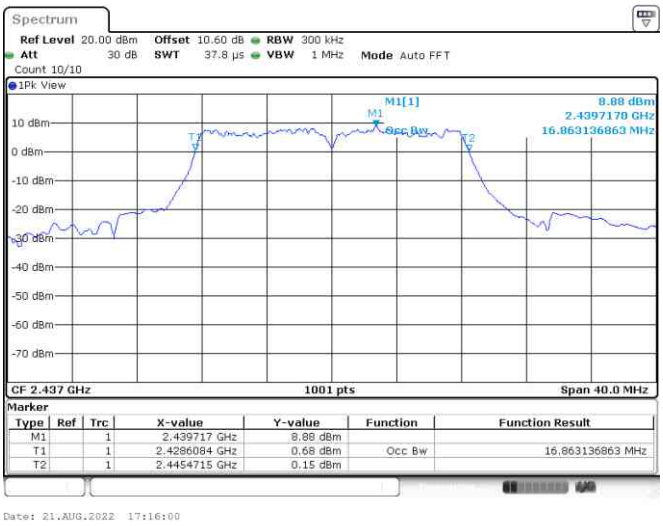
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	16.74	16.74
Middle Channel	2437	16.86	16.82
High Channel	2462	16.66	16.66

<Chain 0>

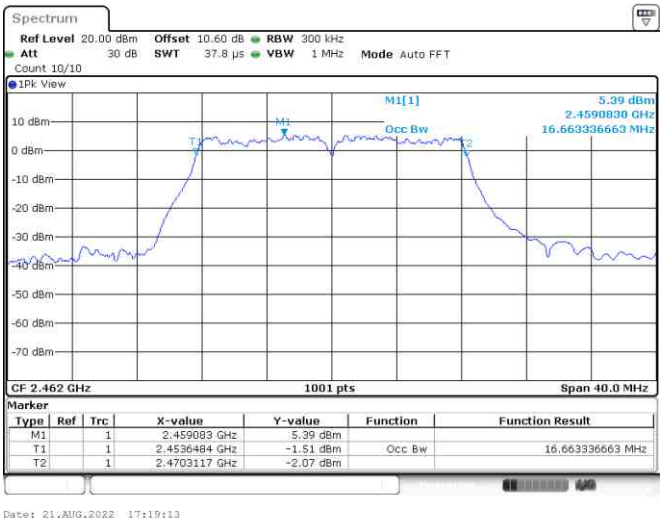
Low Channel



Middle Channel

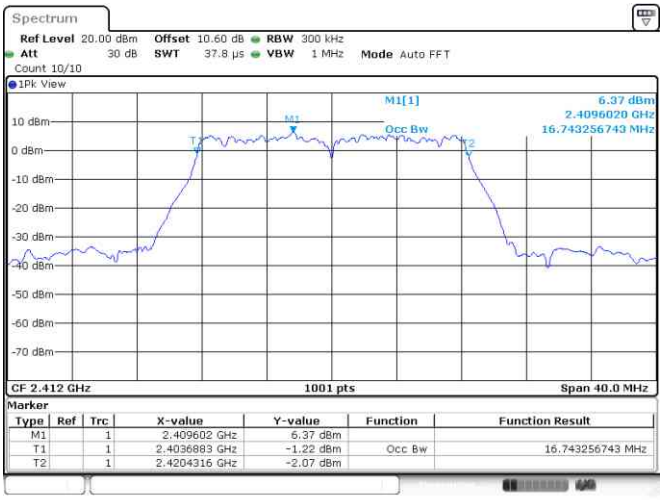


High Channel

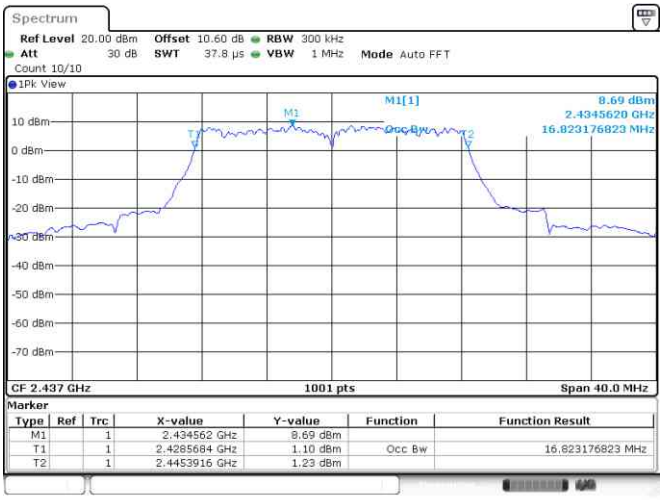


<Chain 1>

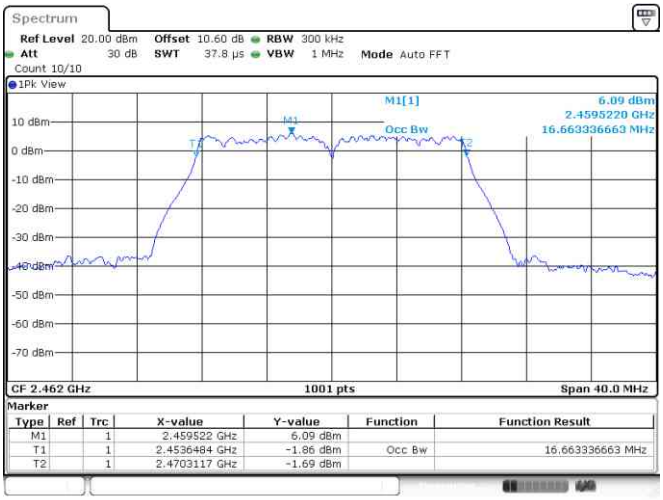
Low Channel



Middle Channel



High Channel

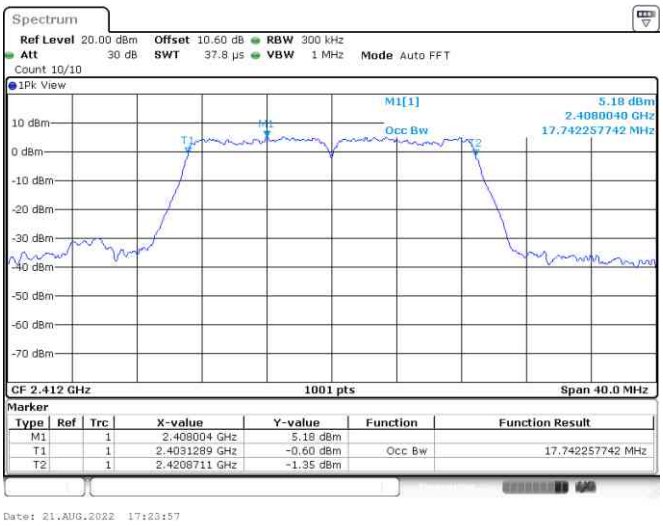


802.11n HT20: 2TX

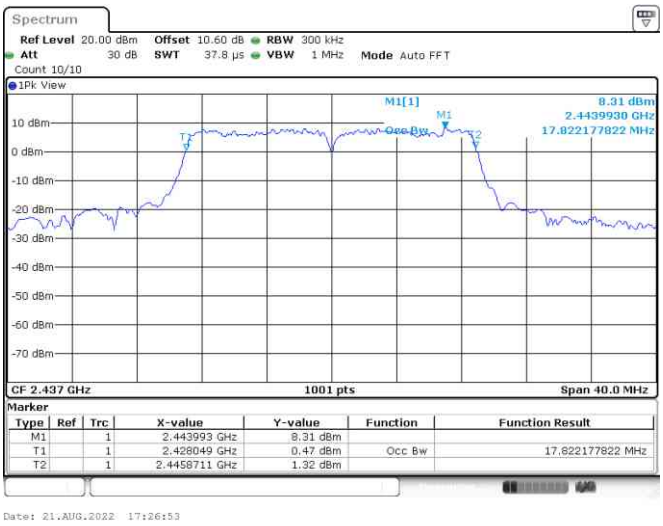
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	17.74	17.70
Middle Channel	2437	17.82	17.78
High Channel	2462	17.78	17.74

<Chain 0>

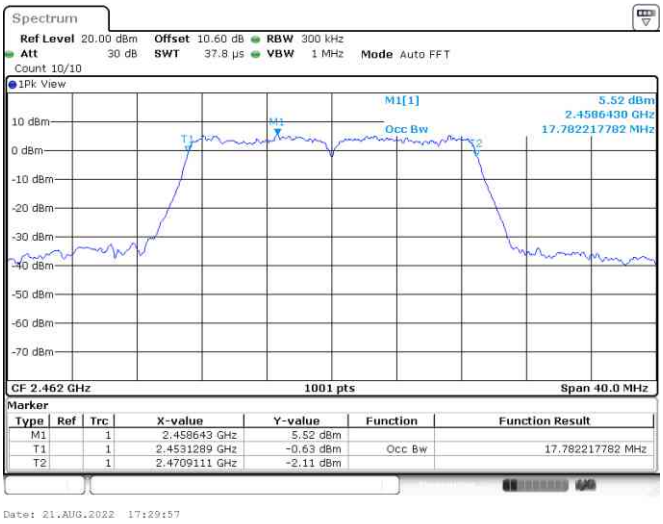
Low Channel



Middle Channel

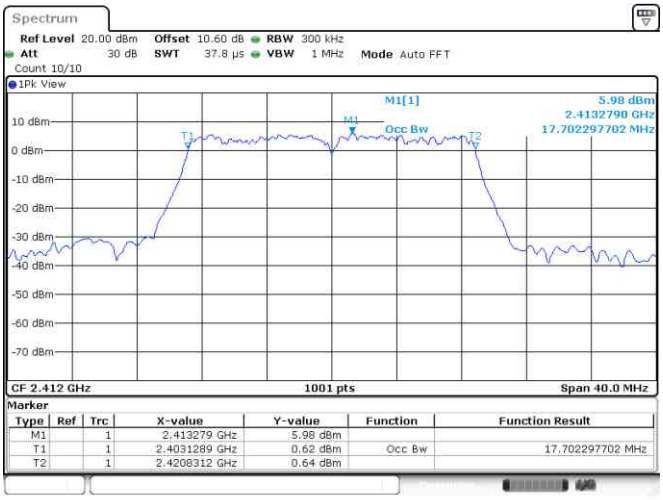


High Channel

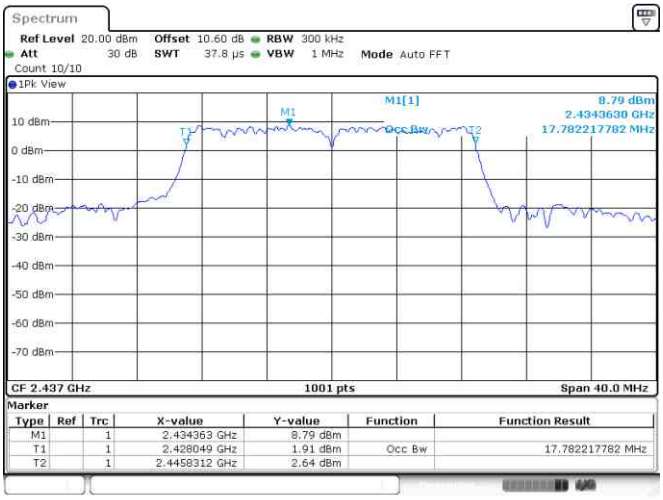


<Chain 1>

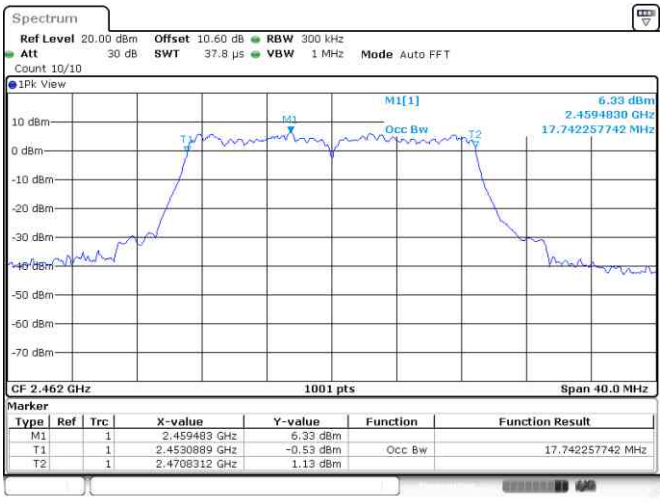
Low Channel



Middle Channel



High Channel

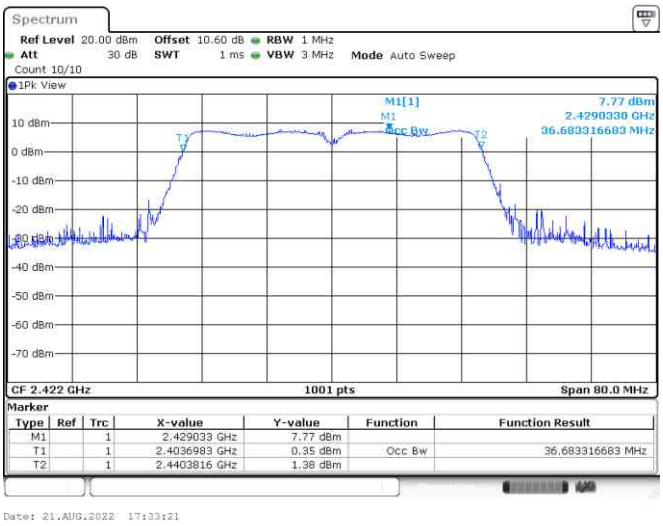


802.11n HT40: 2TX

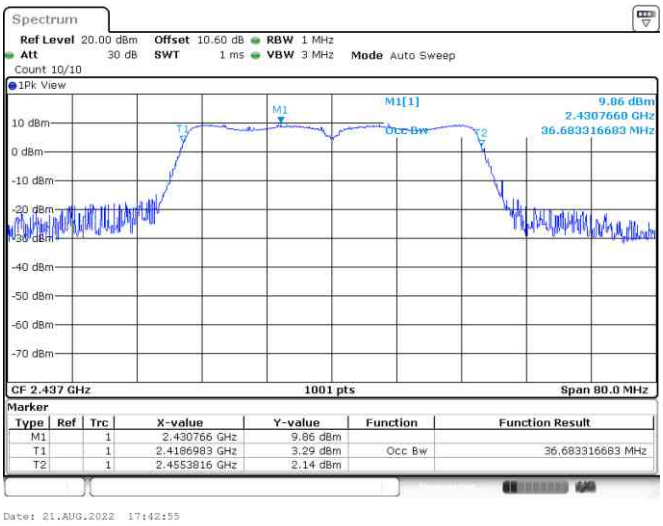
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2422	36.68	36.52
Middle Channel	2437	36.68	36.60
High Channel	2452	36.84	36.52

<Chain 0>

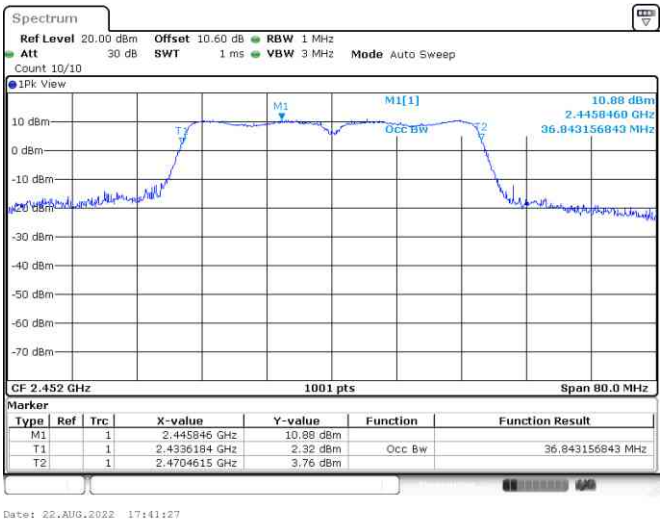
Low Channel



Middle Channel

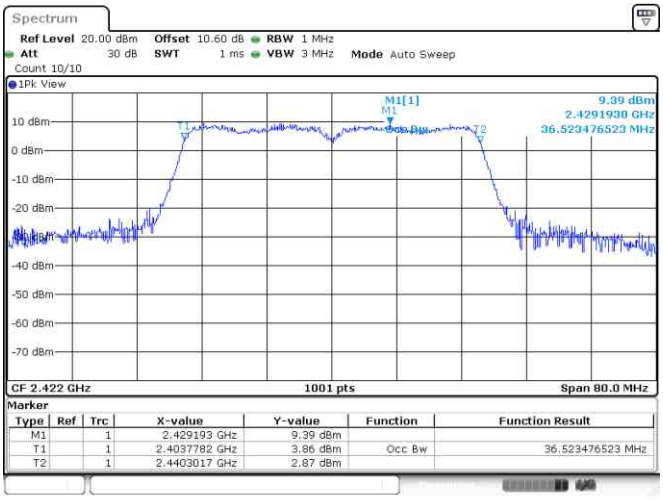


High Channel

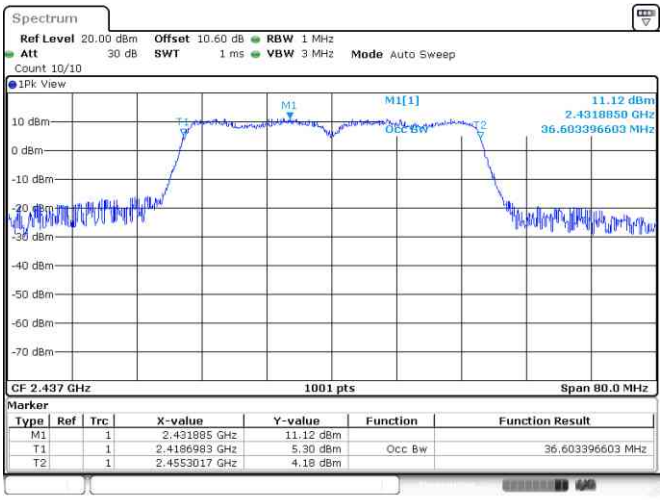


<Chain 1>

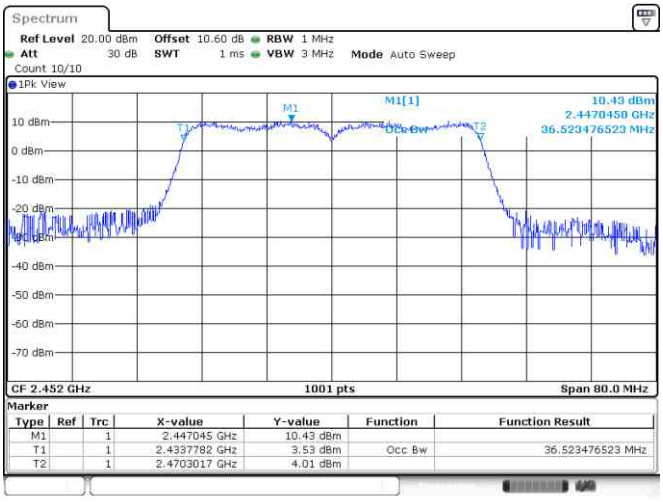
Low Channel



Middle Channel



High Channel



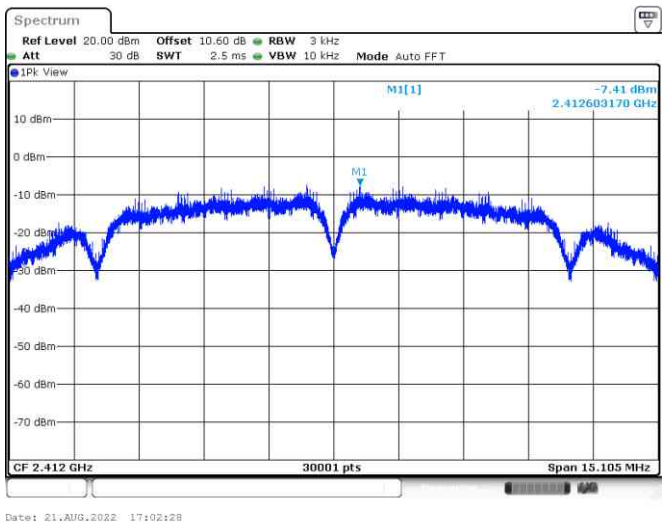
Test Result of Power Spectral Density

802.11b: 2TX

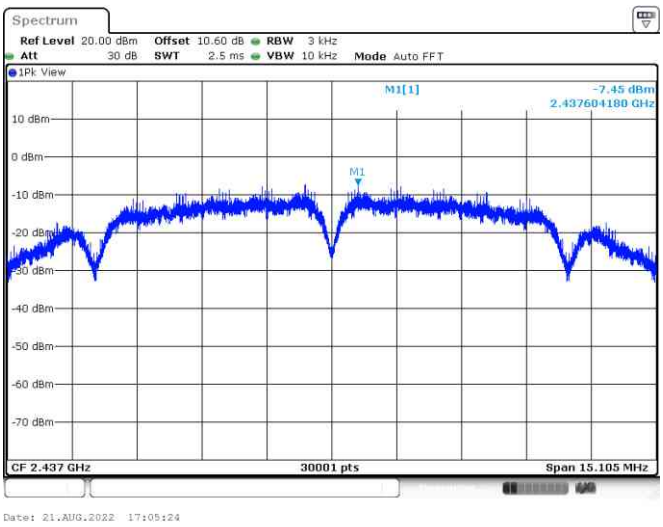
Channel	Channel Frequency	Power Density (dBm/3kHz)		Total Power Density with Duty Factor	Limit
	(MHz)	Chain 0	Chain 1	(dBm/3kHz)	(dBm/3kHz)
Low Channel	2412	-7.41	-7.28	-4.33	8
Middle Channel	2437	-7.45	-7.37	-4.40	8
High Channel	2462	-7.54	-7.38	-4.45	8

<Chain 0>

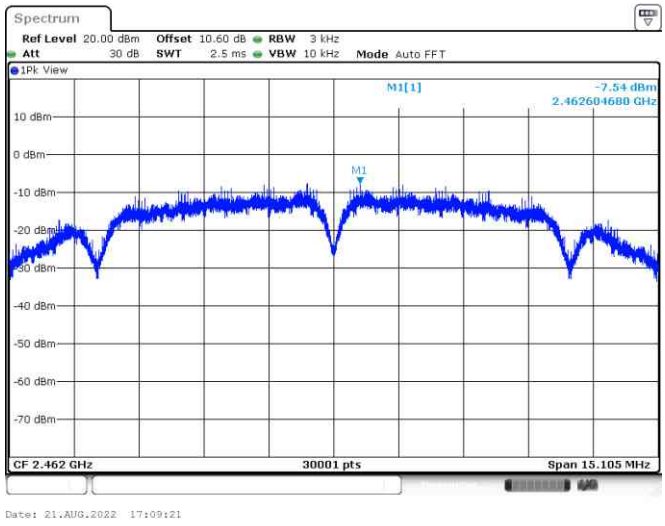
Low Channel



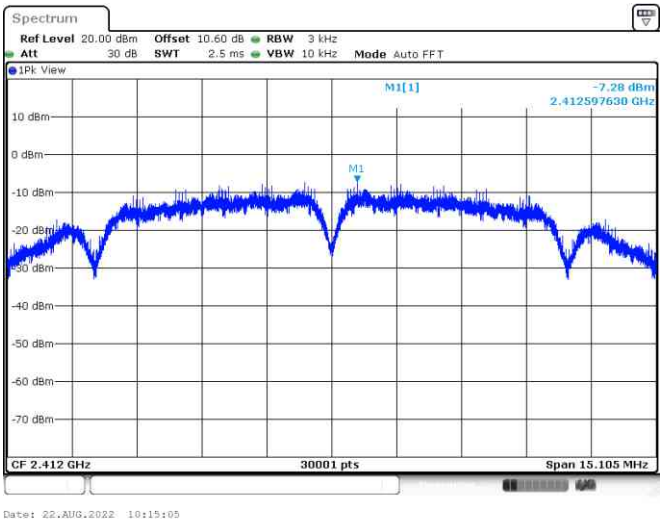
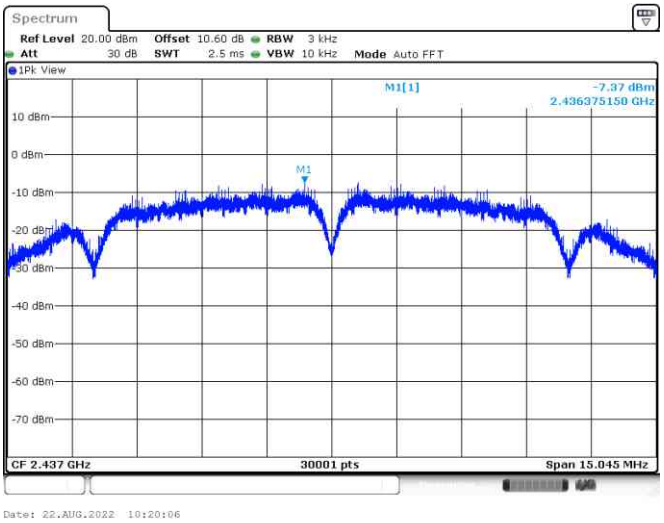
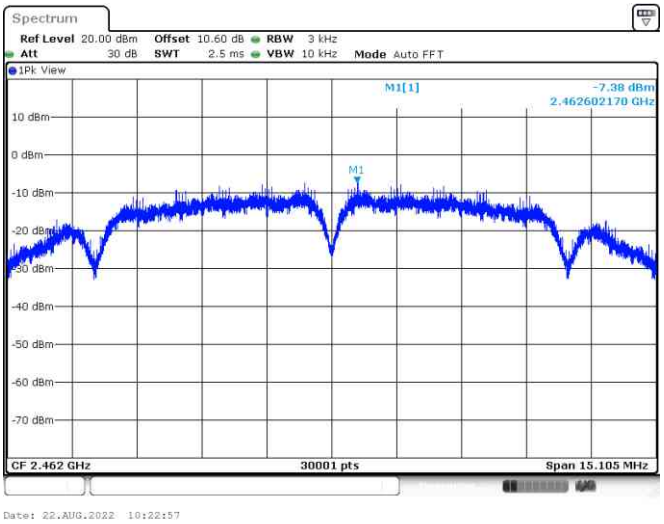
Middle Channel



High Channel



<Chain 1>

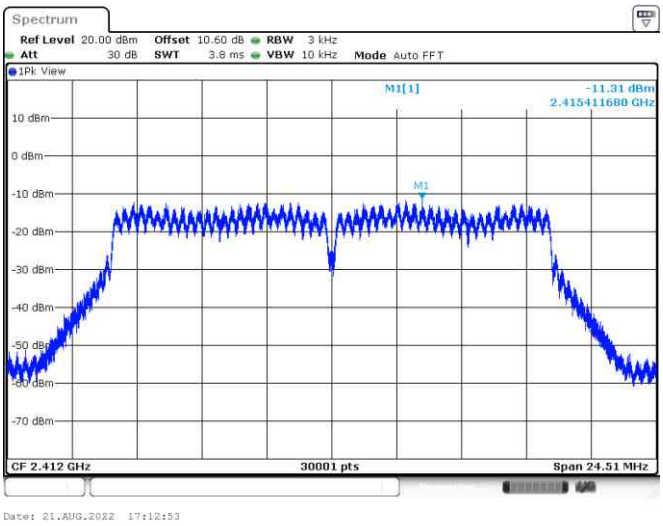
Low Channel	Middle Channel
	
High Channel	
	

802.11g: 2TX

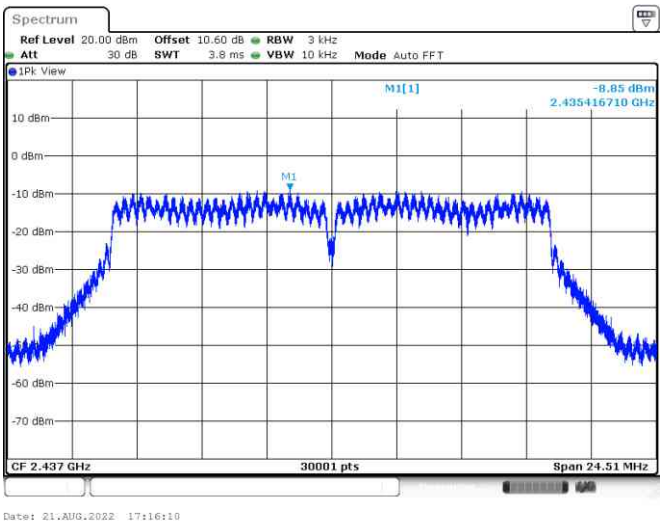
Channel	Channel Frequency	Power Density (dBm/3kHz)		Total Power Density with Duty Factor	Limit
	(MHz)	Chain 0	Chain 1	(dBm/3kHz)	(dBm/3kHz)
Low Channel	2412	-11.31	-10.81	-8.04	8
Middle Channel	2437	-8.85	-8.96	-5.89	8
High Channel	2462	-11.65	-11.17	-8.39	8

<Chain 0>

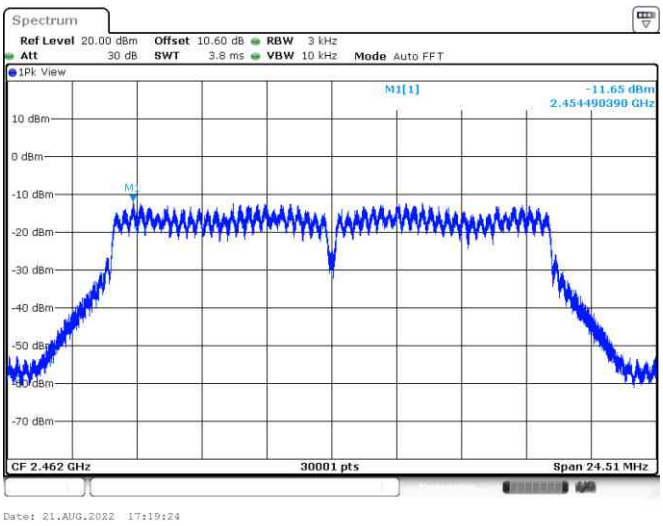
Low Channel



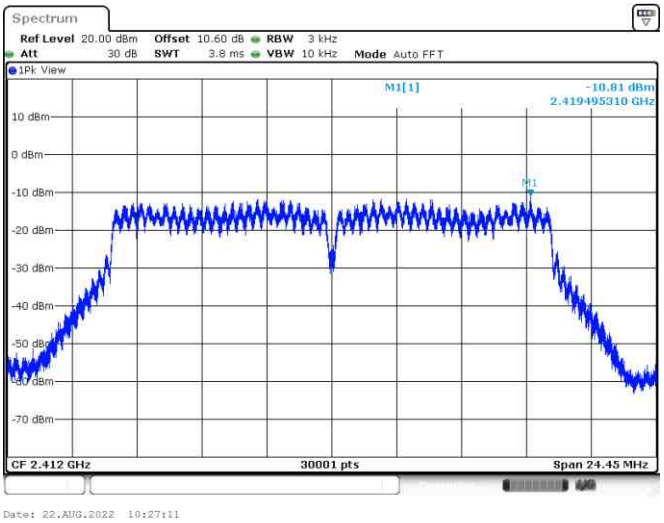
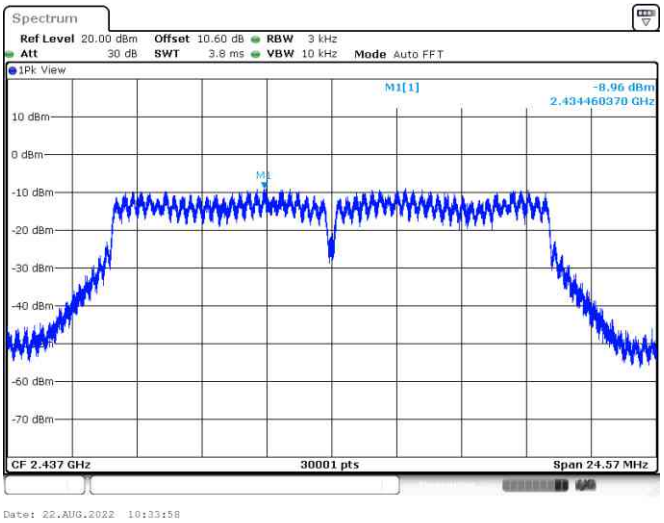
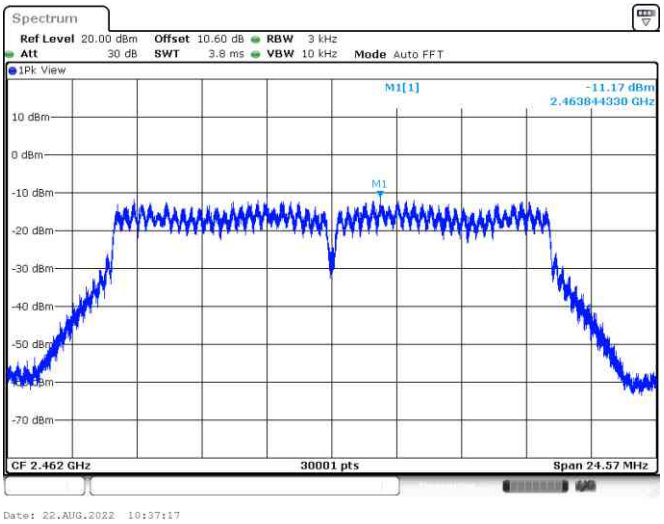
Middle Channel



High Channel



<Chain 1>

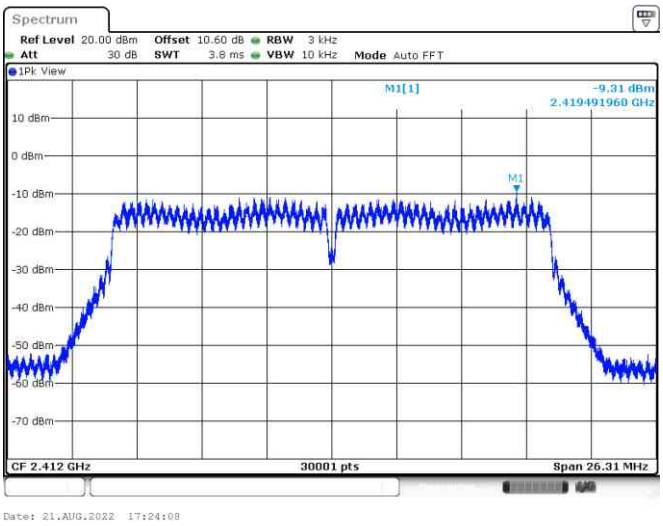
Low Channel	Middle Channel
	
High Channel	
	

802.11n HT20: 2TX

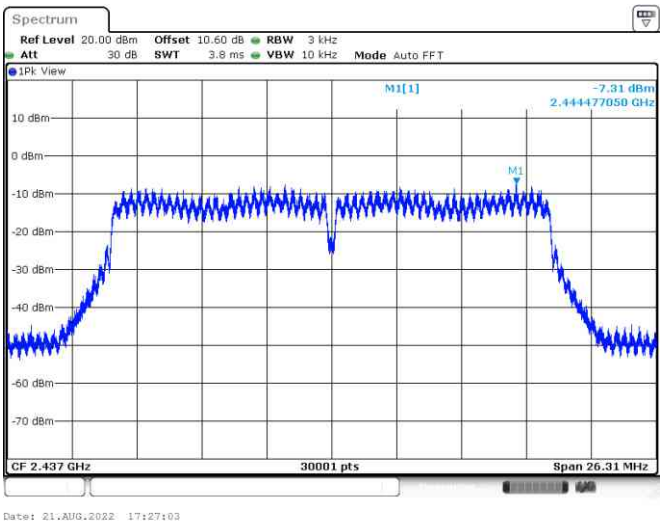
Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)		Total Power Density with Duty Factor	Limit
	(MHz)	Chain 0	Chain 1	(dBm/3kHz)	(dBm/3kHz)
Low Channel	2412	-9.31	-9.97	-6.62	8
Middle Channel	2437	-7.31	-6.43	-3.84	8
High Channel	2462	-10.42	-9.40	-6.87	8

<Chain 0>

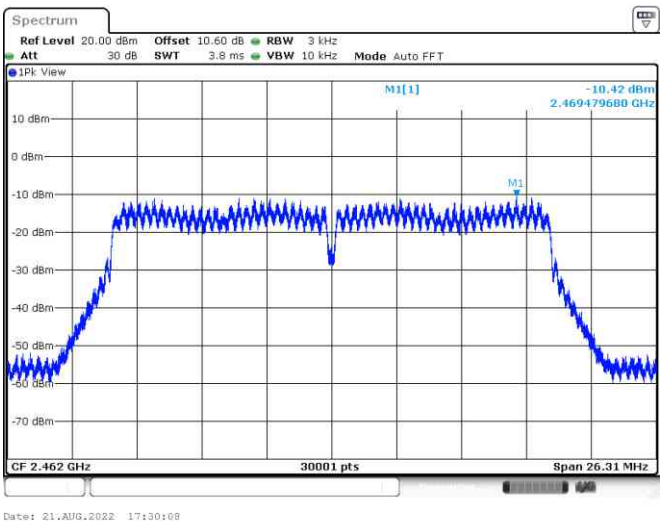
Low Channel



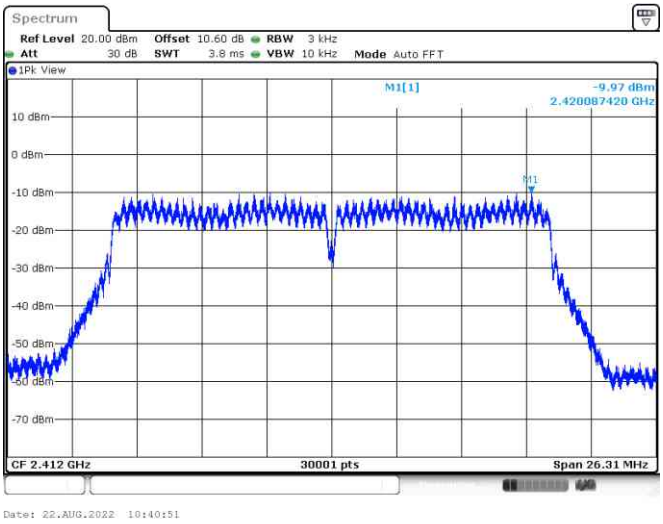
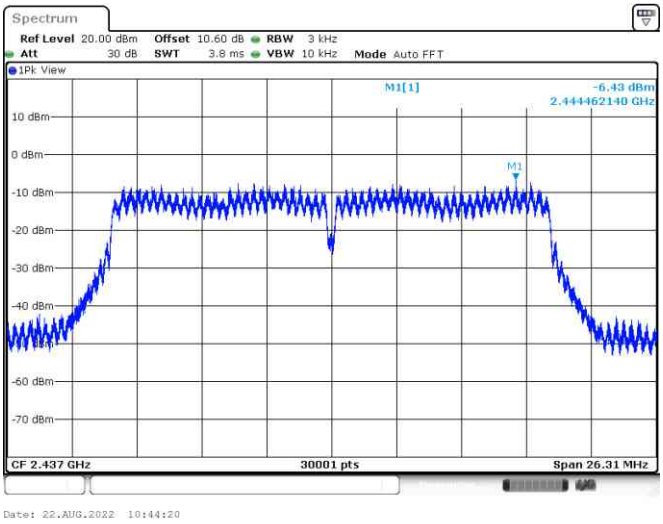
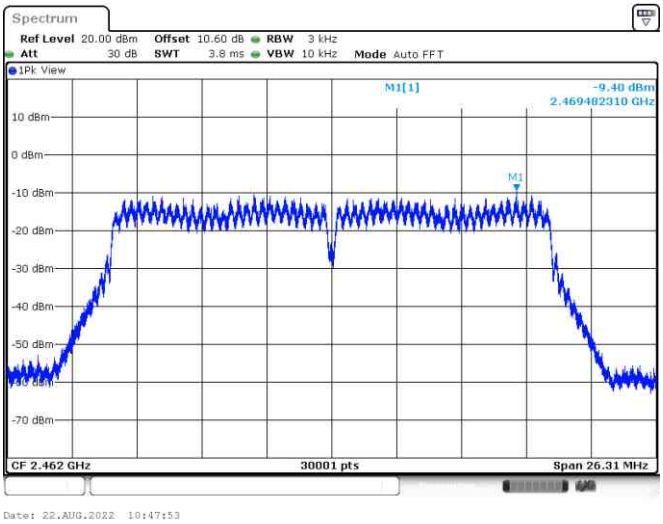
Middle Channel



High Channel



<Chain 1>

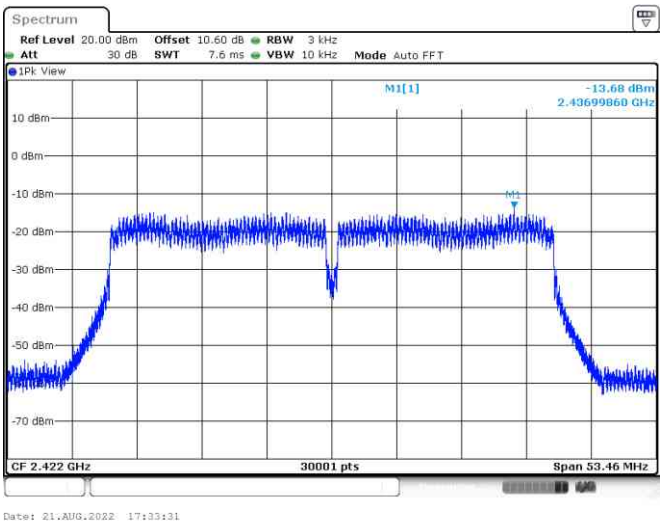
Low Channel	Middle Channel
	
High Channel	
	

802.11n HT40: 2TX

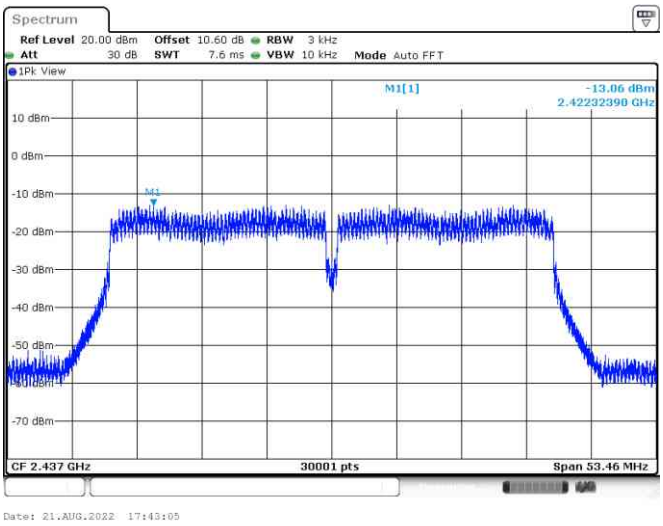
Channel	Channel Frequency	Power Density (dBm/3kHz)		Total Power Density with Duty Factor	Limit
	(MHz)	Chain 0	Chain 1	(dBm/3kHz)	(dBm/3kHz)
Low Channel	2422	-13.68	-14.56	-11.09	8
Middle Channel	2437	-13.06	-12.01	-9.49	8
High Channel	2452	-11.95	-12.21	-9.07	8

<Chain 0>

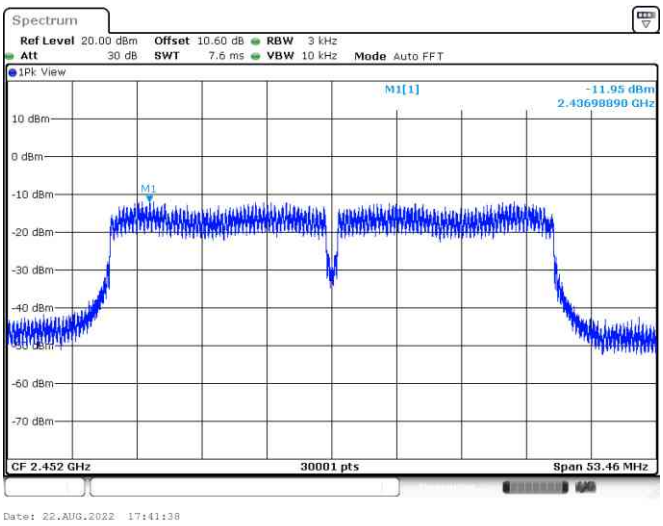
Low Channel



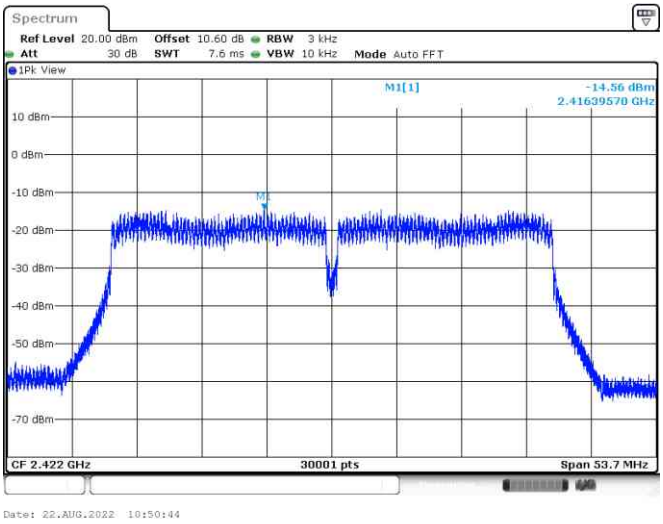
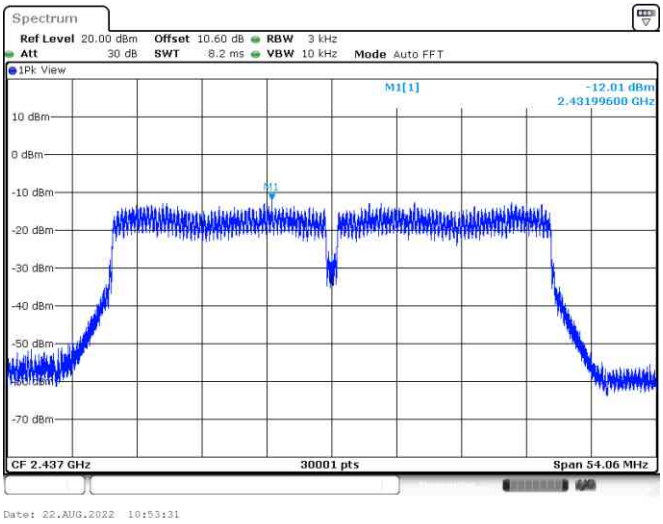
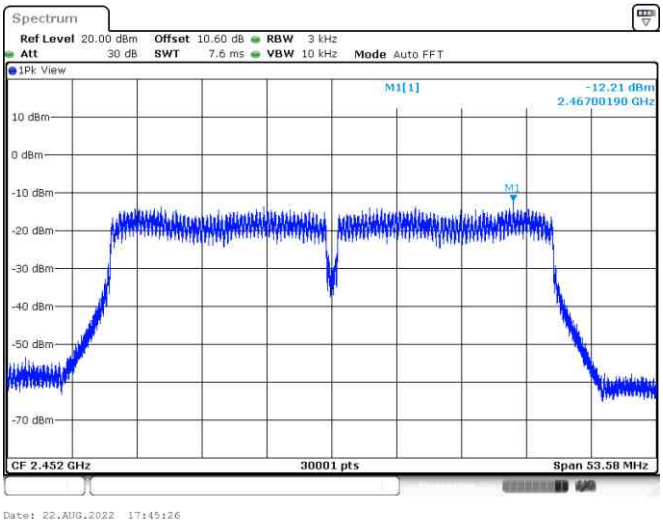
Middle Channel



High Channel



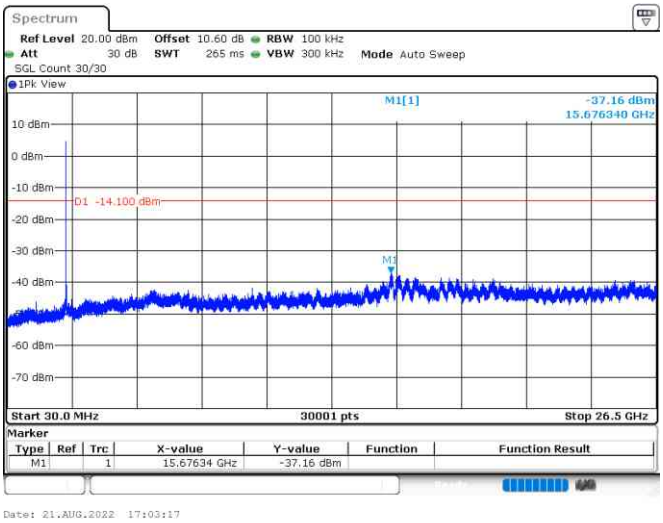
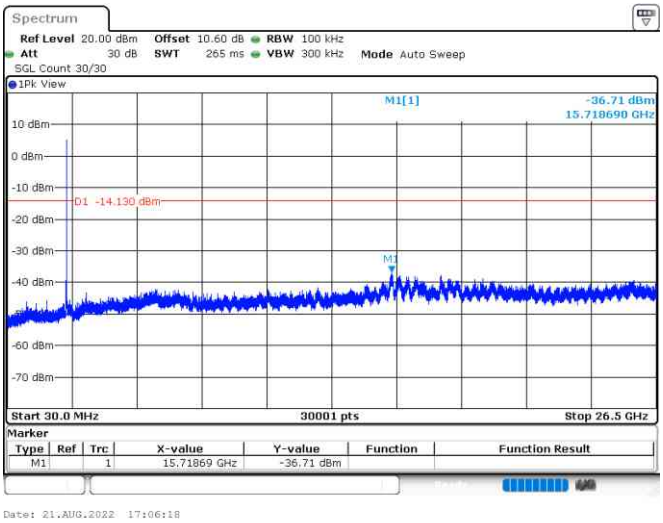
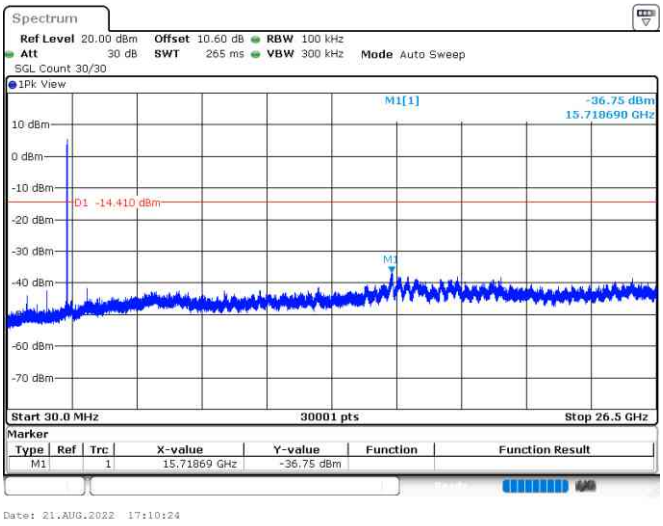
<Chain 1>

Low Channel	Middle Channel
	
High Channel	
	

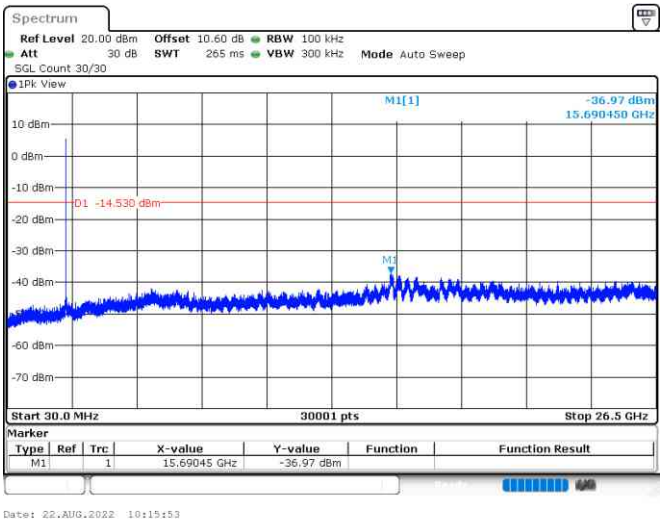
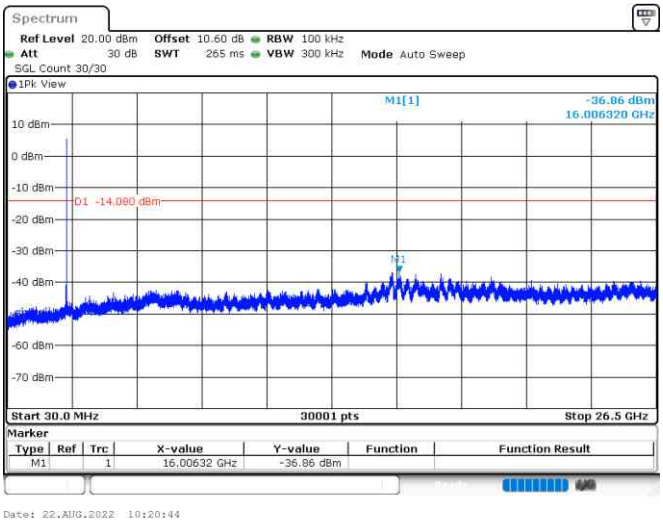
Test Result of Conducted Spurious Emissions

802.11b: 2TX

<Chain 0>

Low Channel	Middle Channel
	
High Channel	
	

<Chain 1>

Low Channel	Middle Channel
	
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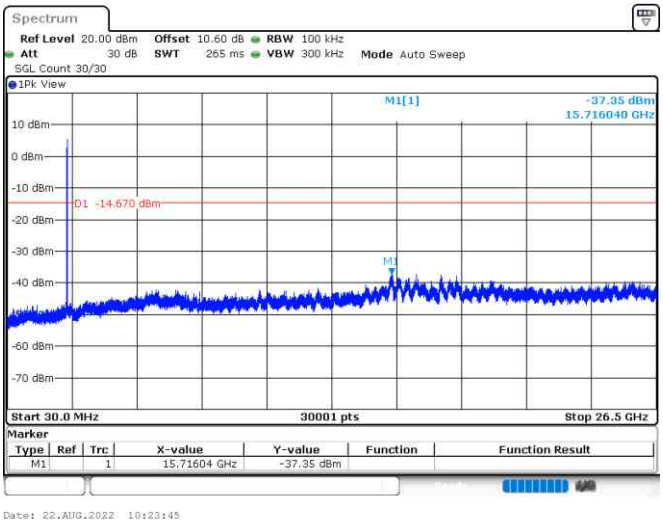
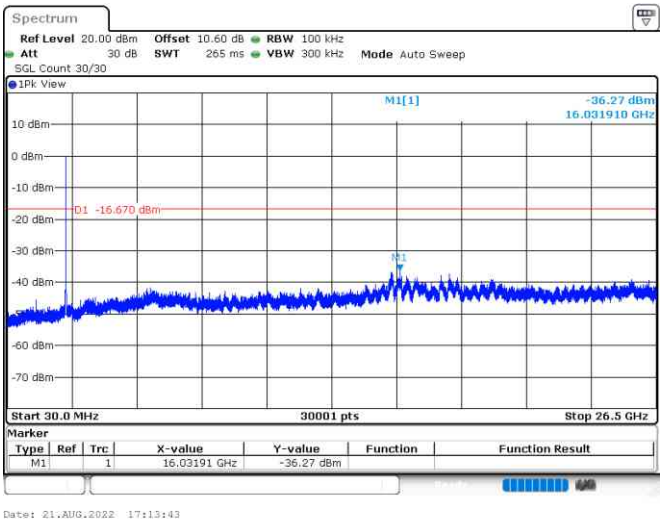
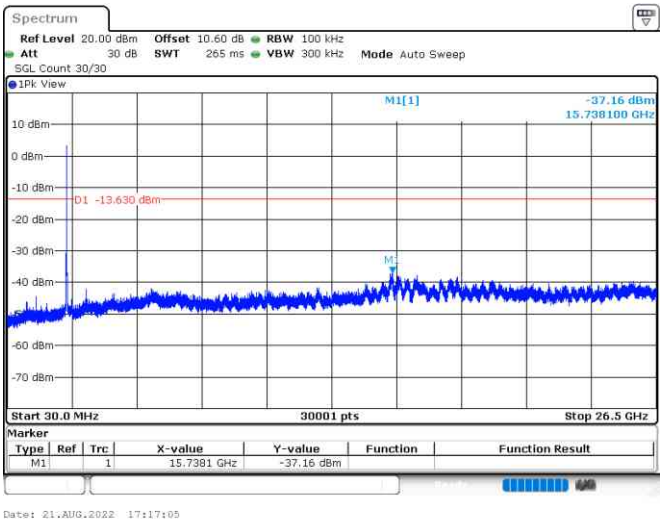
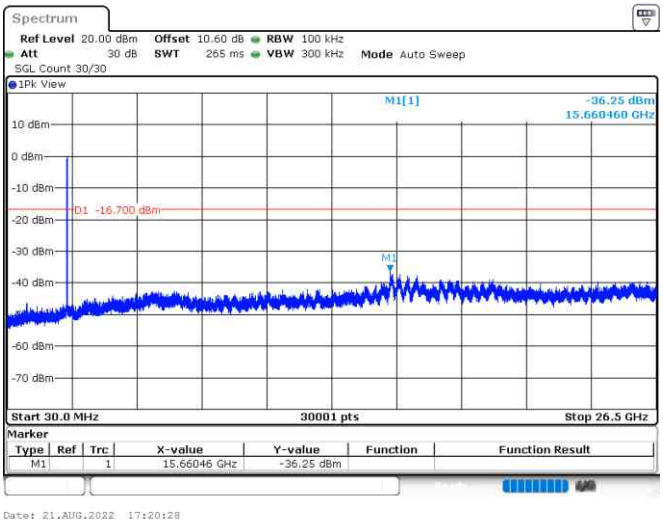
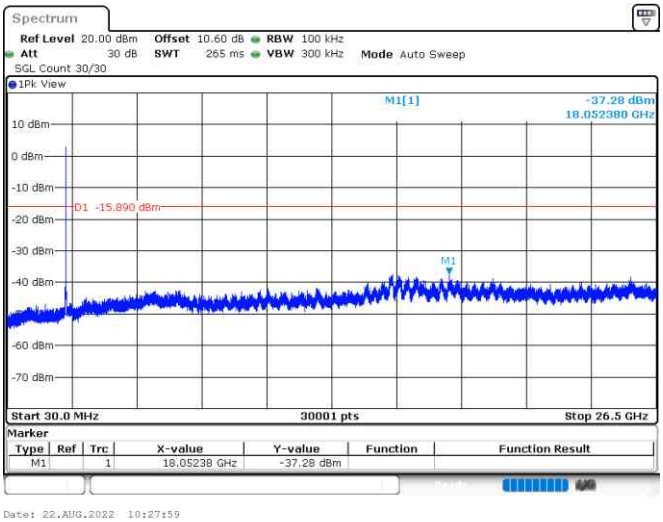
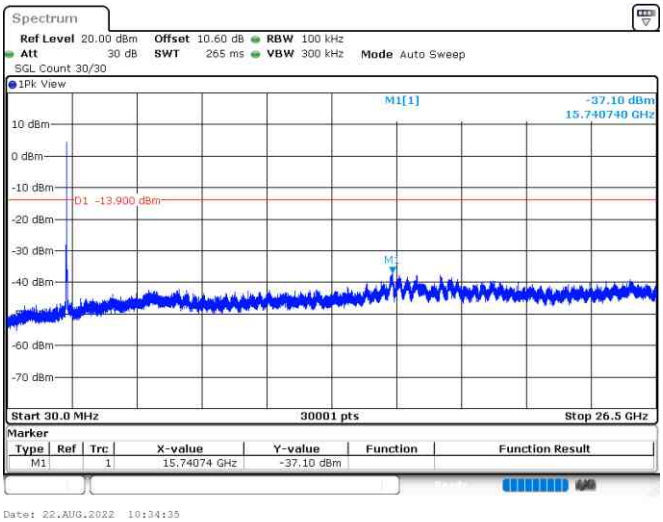
	

802.11g: 2TX

<Chain 0>

Low Channel	Middle Channel
	
High Channel	
	

<Chain 1>

Low Channel	Middle Channel
	
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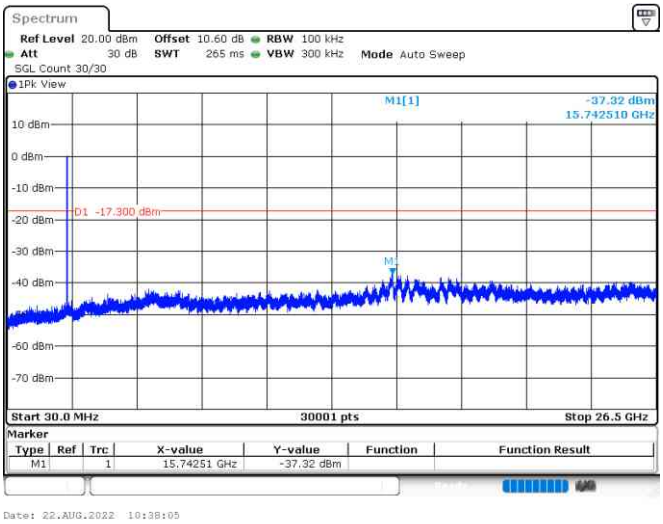
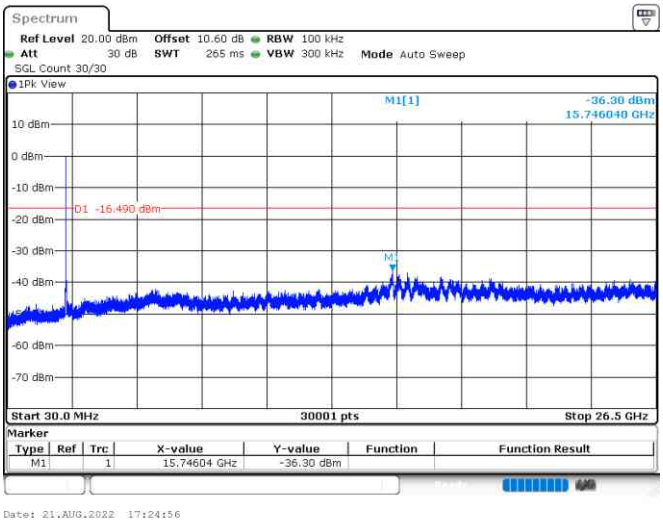
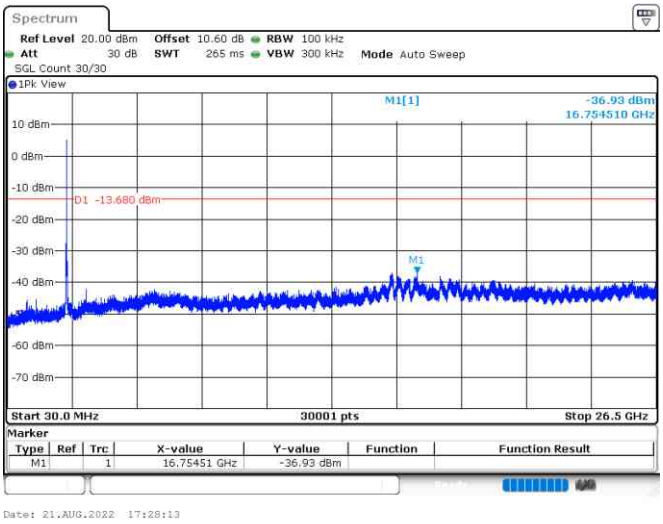
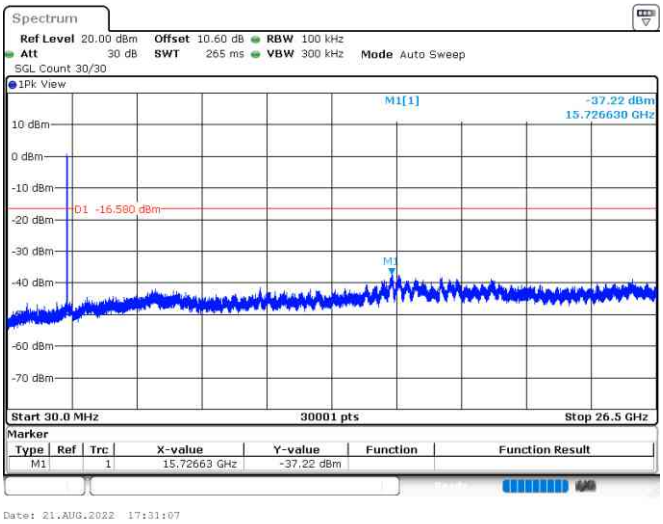
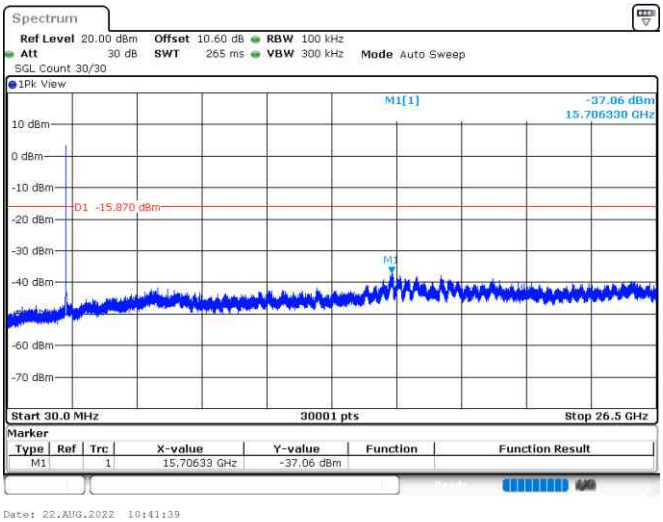
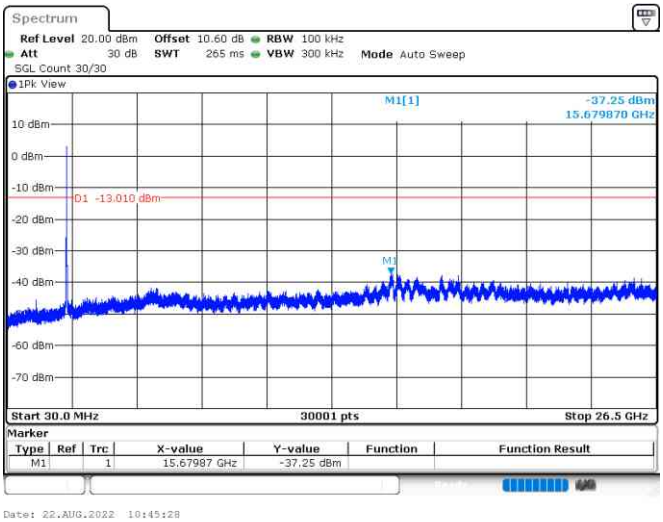
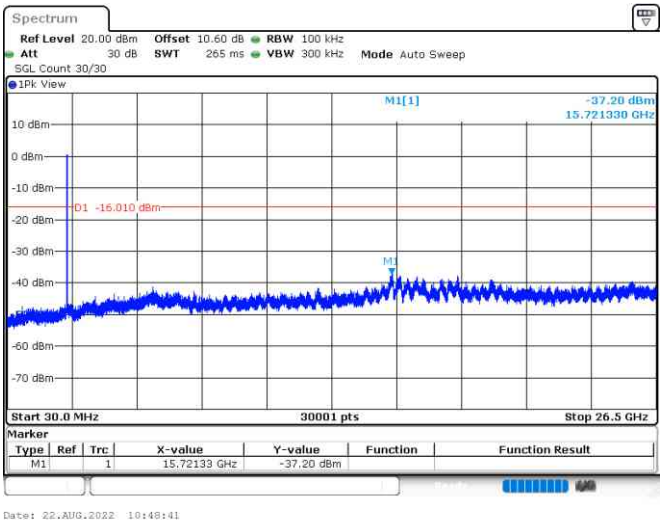
	

802.11n HT20: 2TX

<Chain 0>

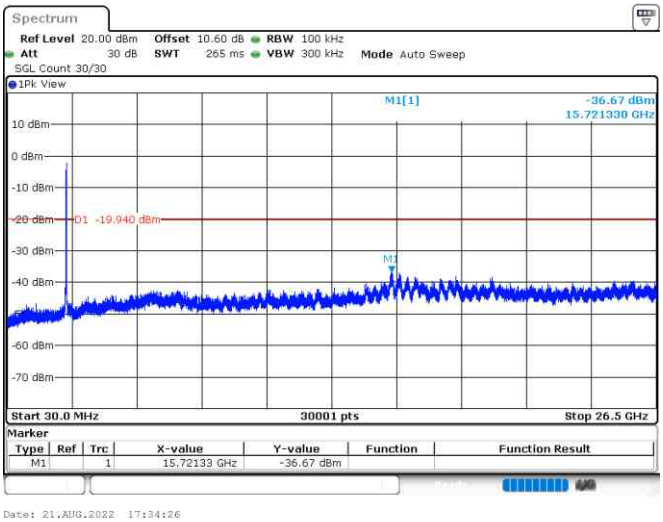
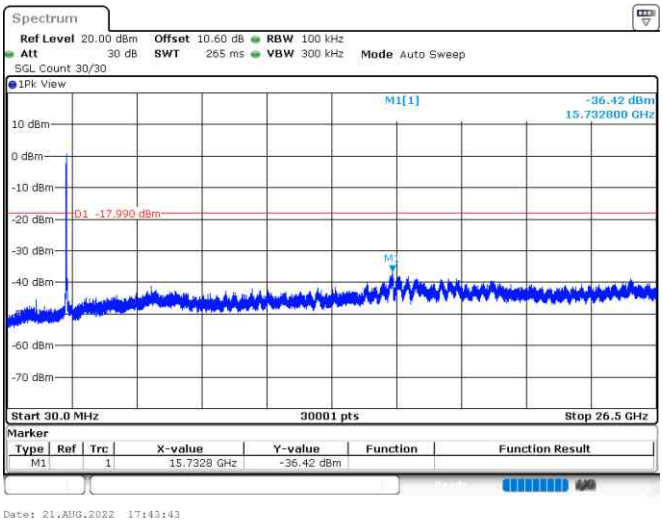
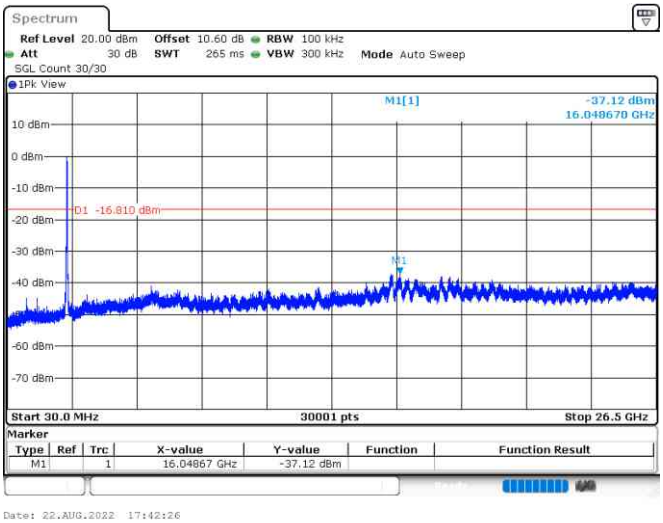
Low Channel	Middle Channel
	
High Channel	
	

<Chain 1>

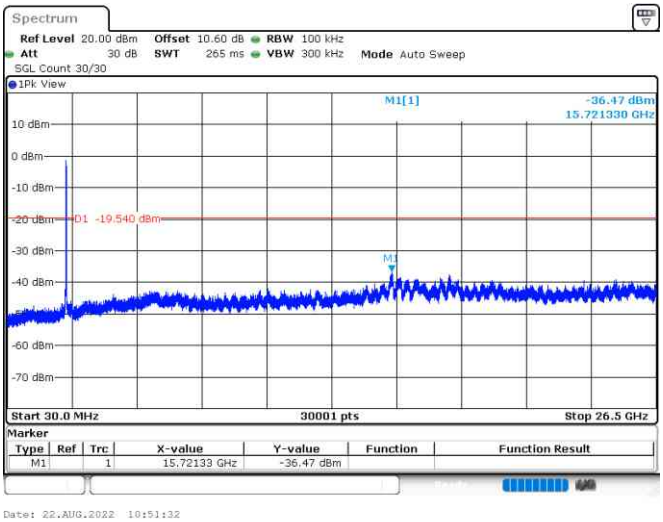
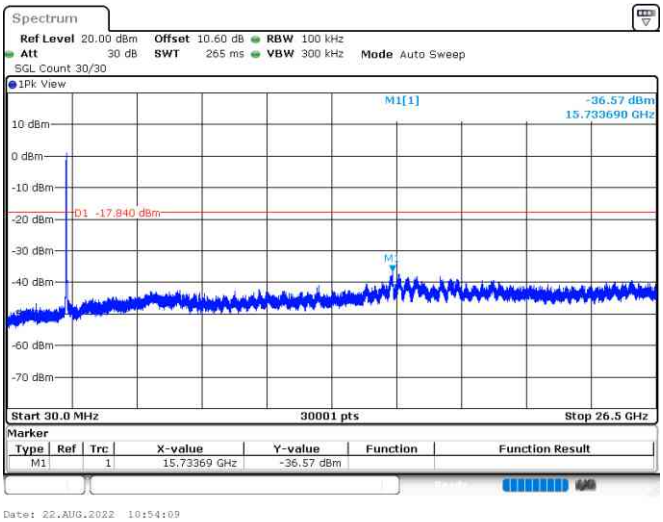
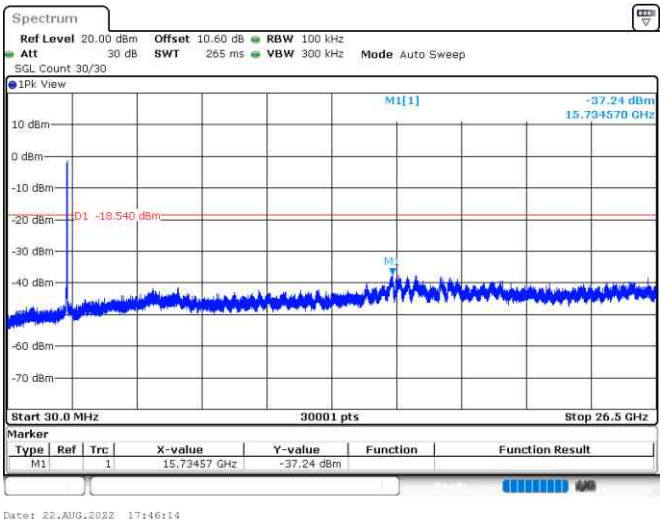
Low Channel	Middle Channel
	
High Channel	
	

802.11n HT40: 2TX

<Chain 0>

Low Channel	Middle Channel
	
High Channel	
	

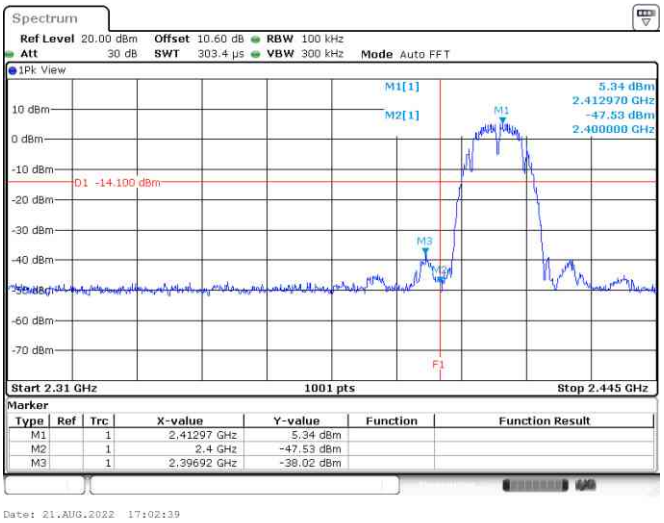
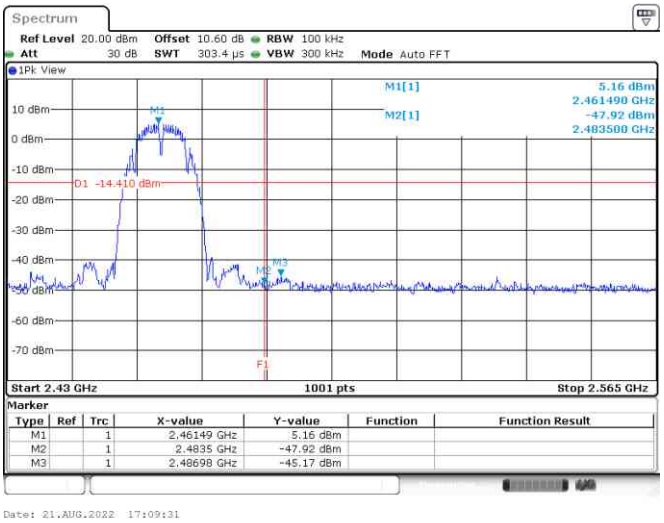
<Chain 1>

Low Channel	Middle Channel
	
High Channel	
	

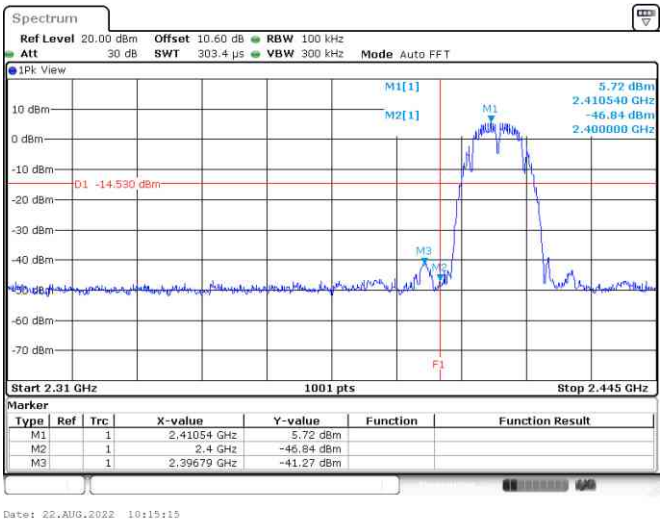
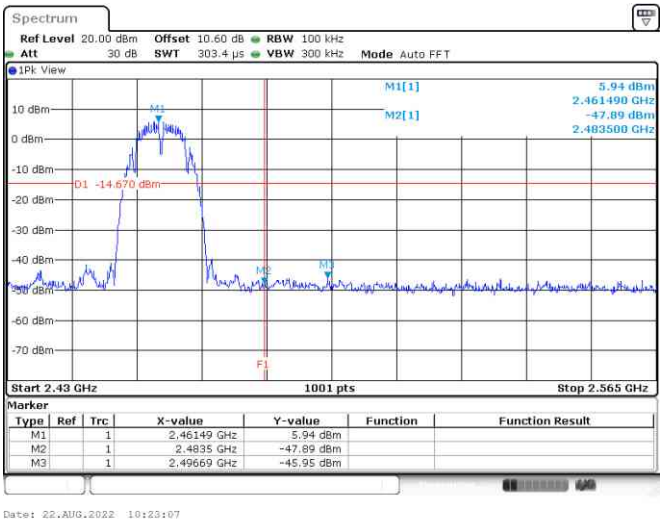
Test Result of Conducted Bandedge, Tx Mode

802.11b: 2TX

<Chain 0>

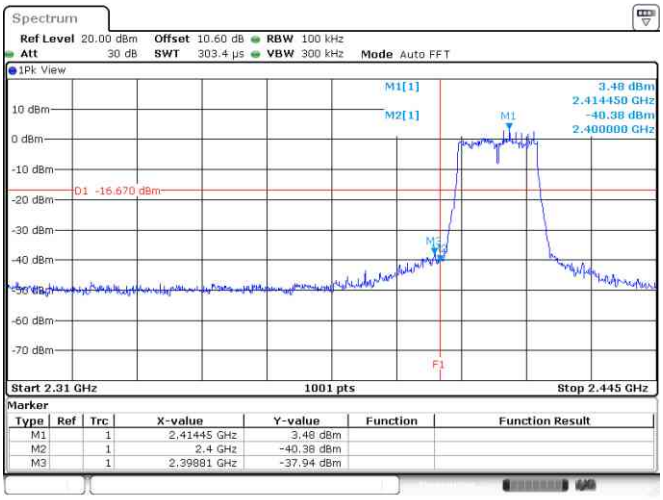
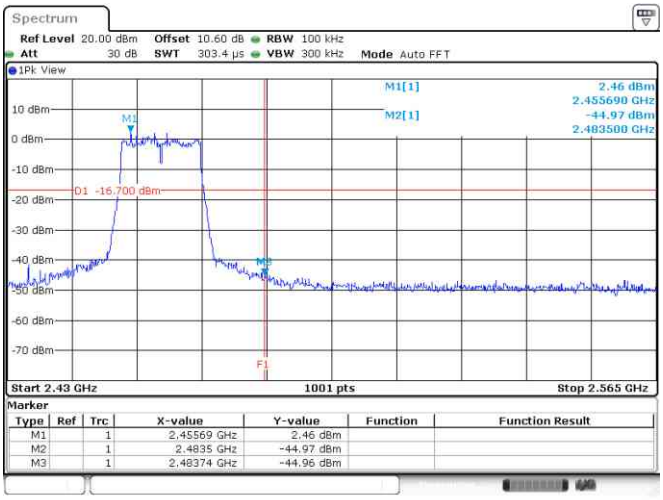
Low Channel	High Channel
	

<Chain 1>

Low Channel	High Channel
	

802.11g

<Chain 0>

Low Channel	High Channel
	

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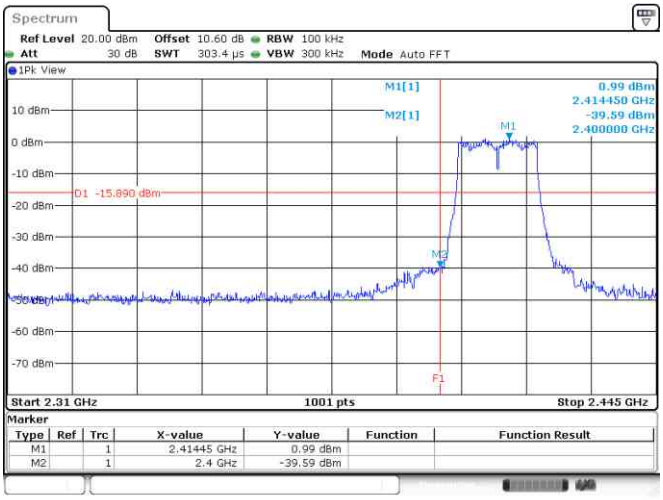
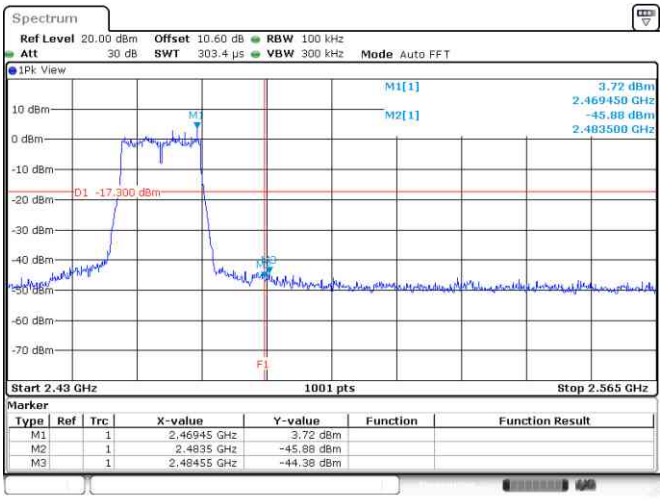
Low Channel	High Channel
	

802.11n HT20: 2TX

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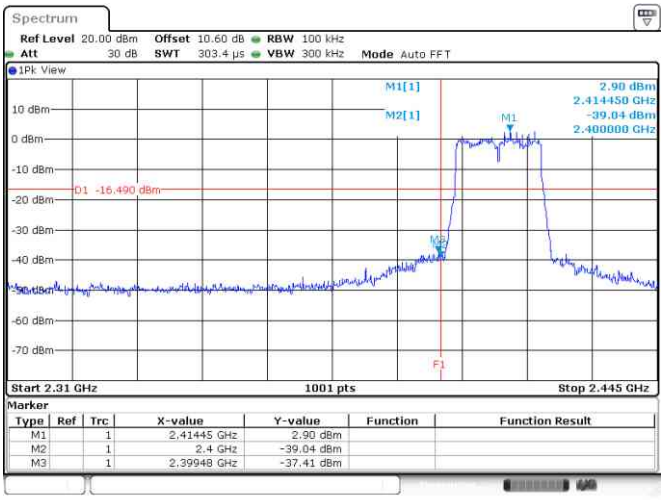
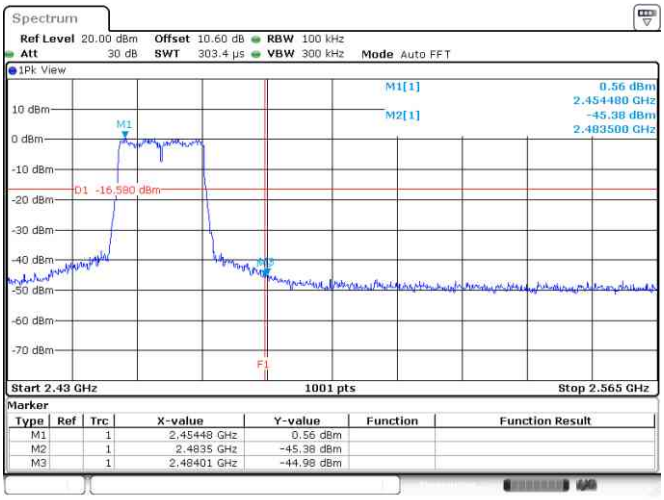
Low Channel	High Channel
	

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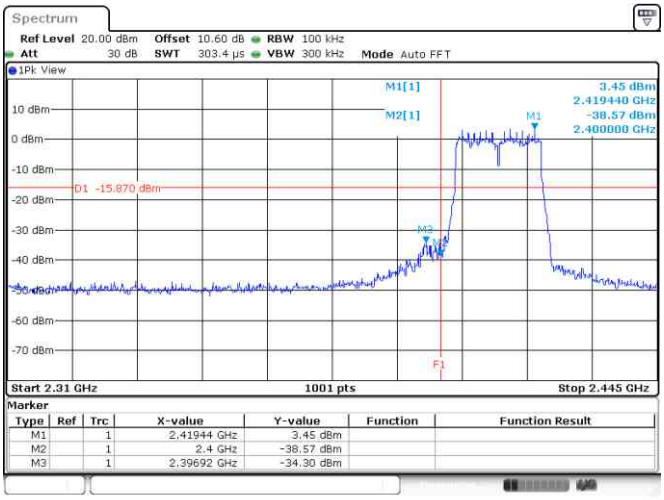	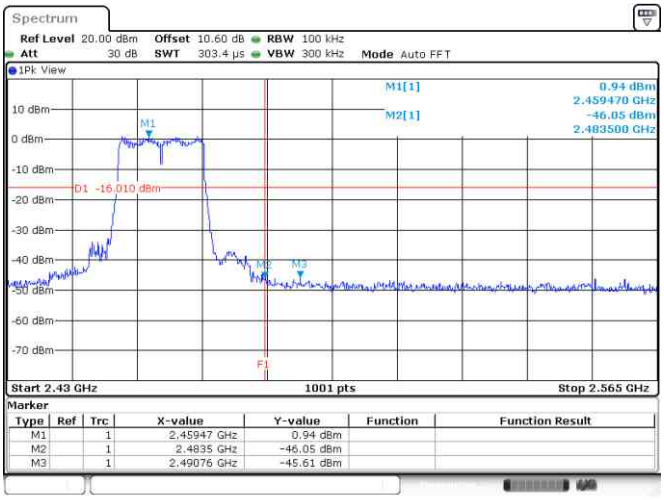

802.11n HT40: 2TX

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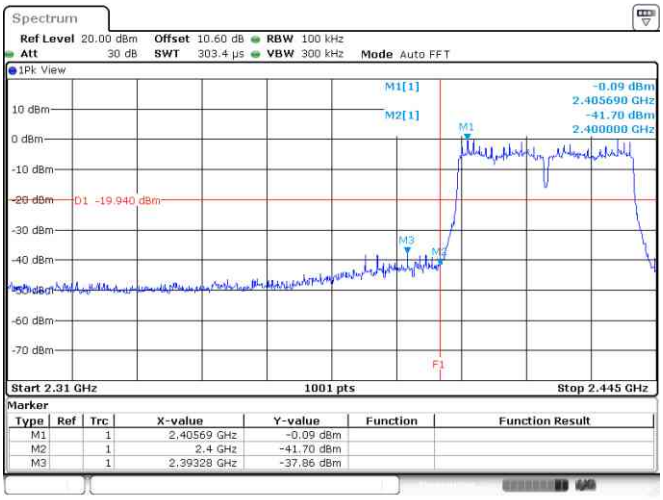
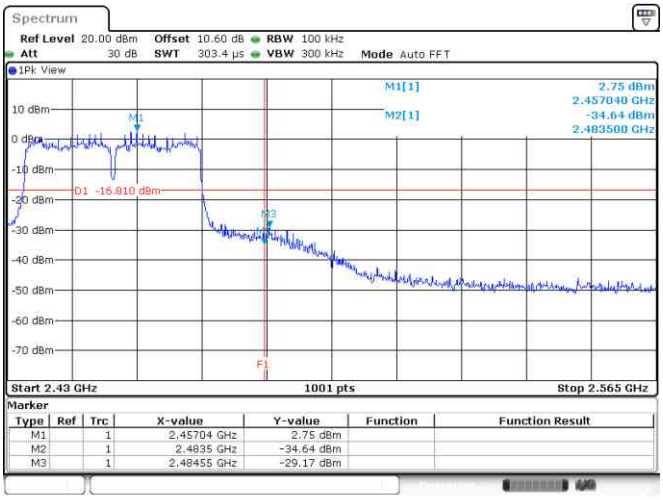
Low Channel	High Channel
	

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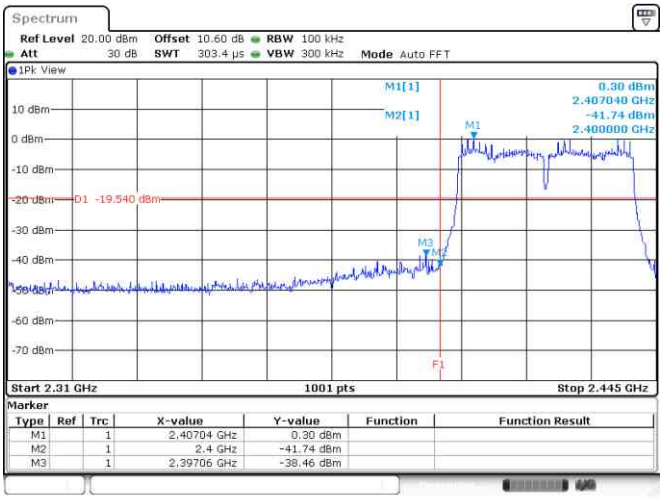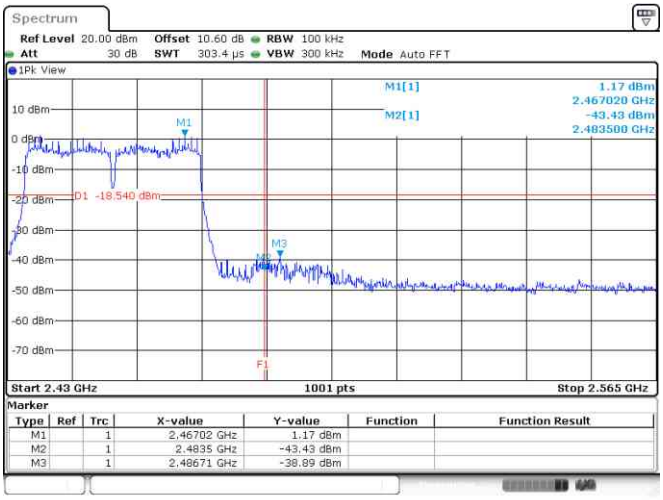
Low Channel	High Channel