Appendix A: Test Results of Conducted Test

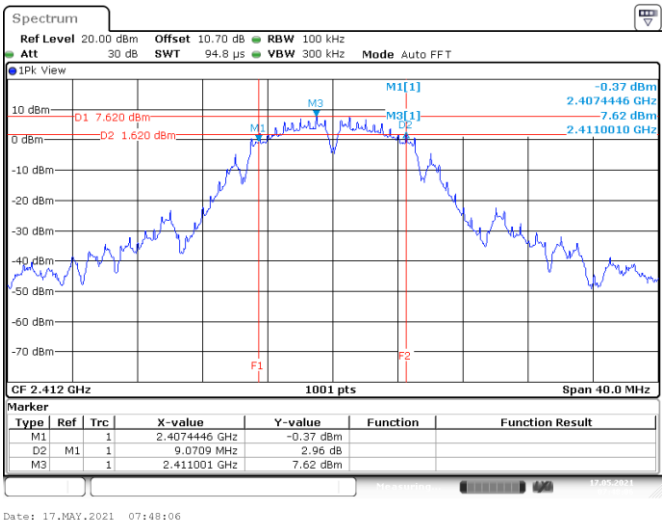
Test Result of 6 dB Bandwidth

802.11b: 2TX

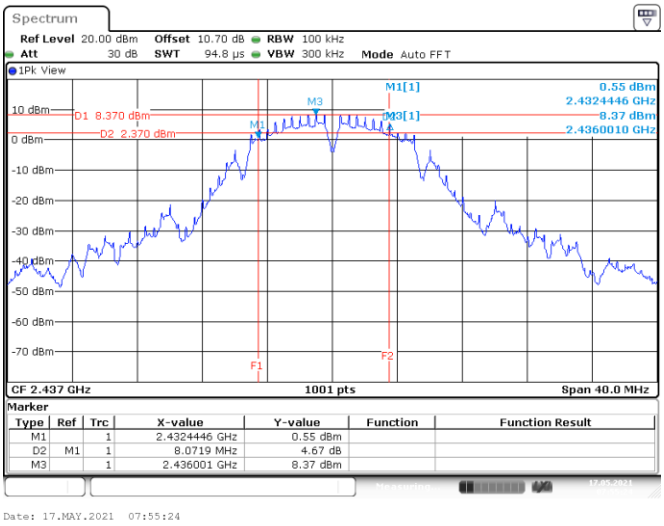
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	9.07	9.07	> 0.5	Pass
Middle Channel	2437	8.07	9.07	> 0.5	Pass
High Channel	2462	9.03	9.03	> 0.5	Pass

<Chain 0>

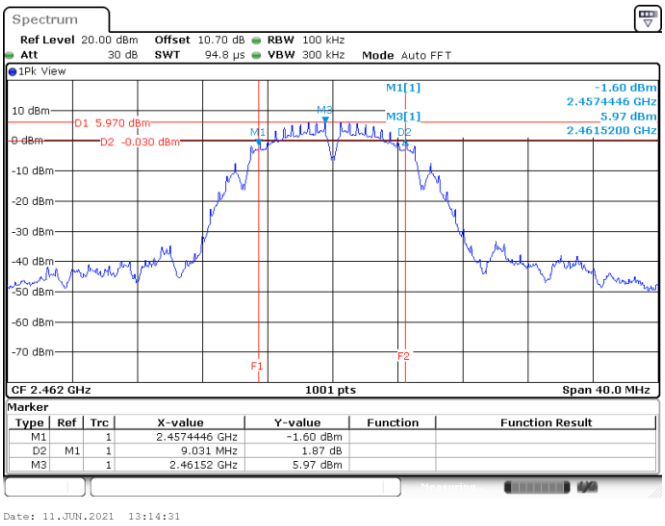
Low Channel



Middle Channel

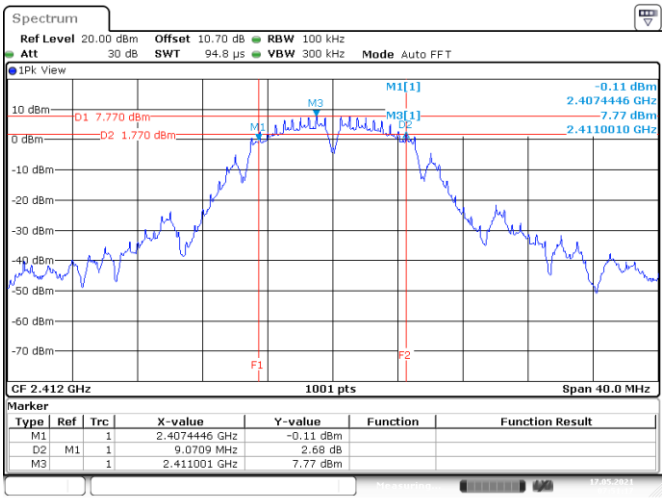


High Channel

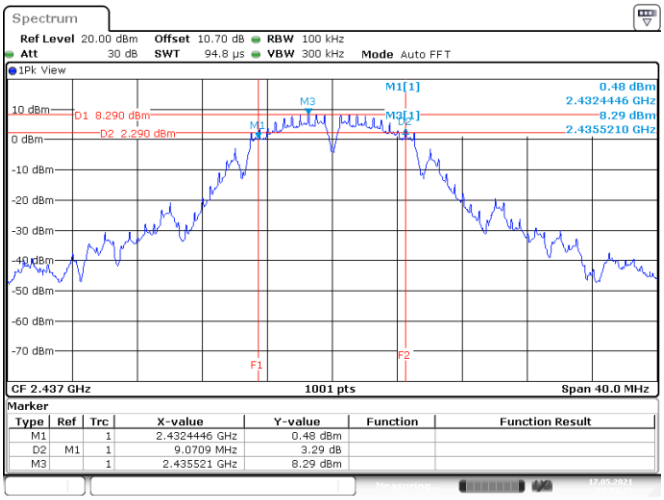


<Chain 1>

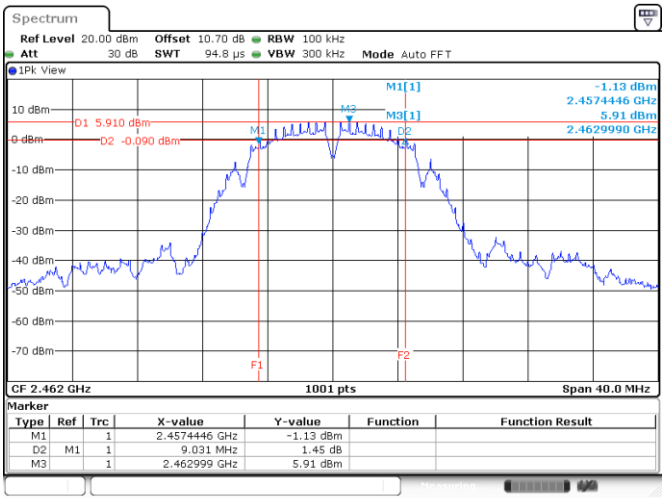
Low Channel



Middle Channel



High Channel

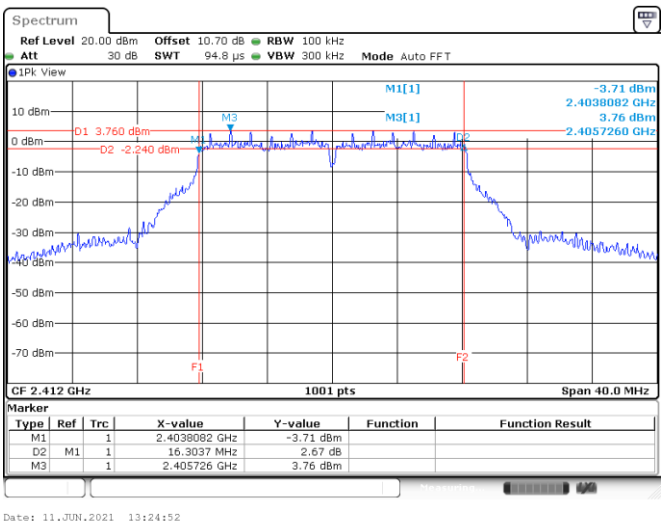


802.11g: 2TX

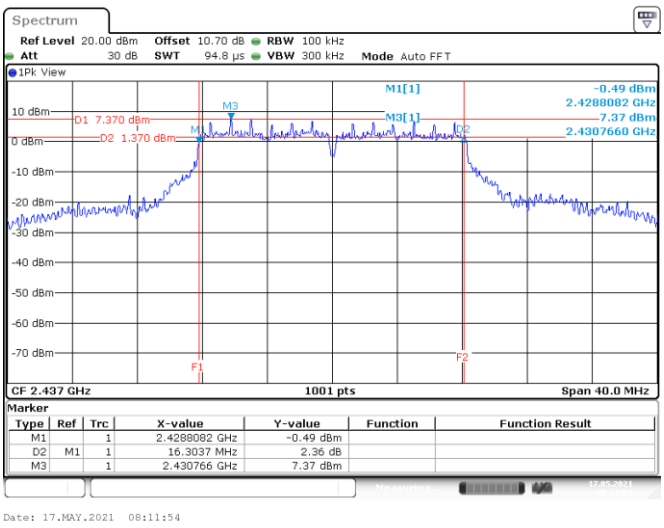
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	16.30	16.30	> 0.5	Pass
Middle Channel	2437	16.30	16.26	> 0.5	Pass
High Channel	2462	16.30	16.30	> 0.5	Pass

<Chain 0>

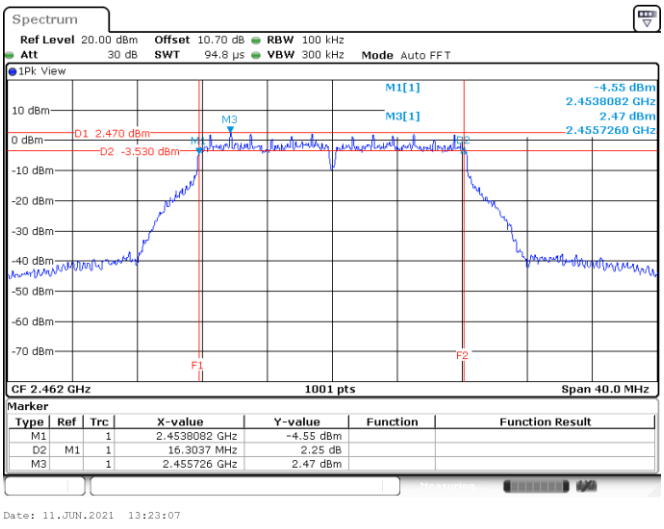
Low Channel



Middle Channel

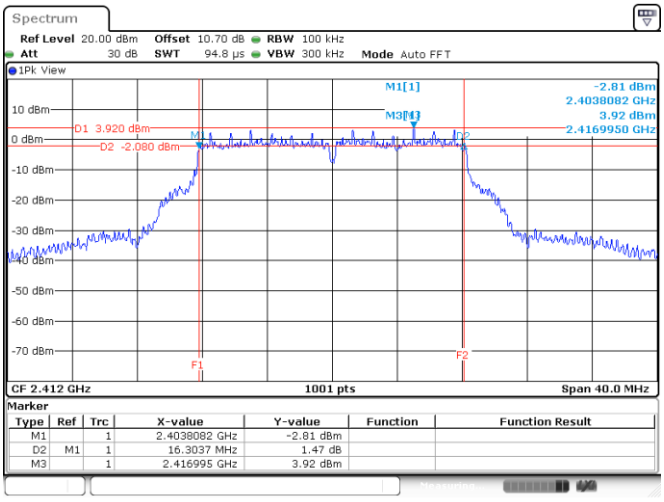


High Channel



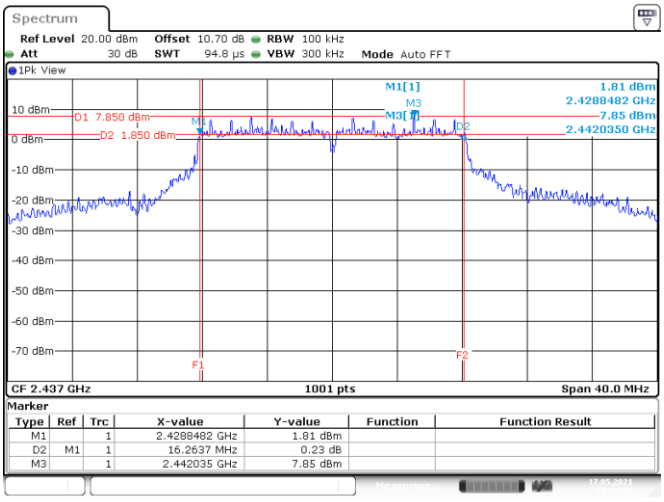
<Chain 1>

Low Channel



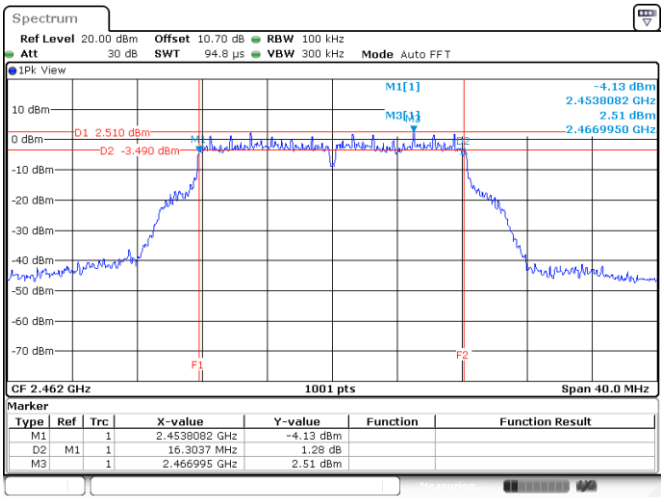
Date: 11.JUN.2021 13:18:51

Middle Channel



Date: 17.MAY.2021 08:13:50

High Channel



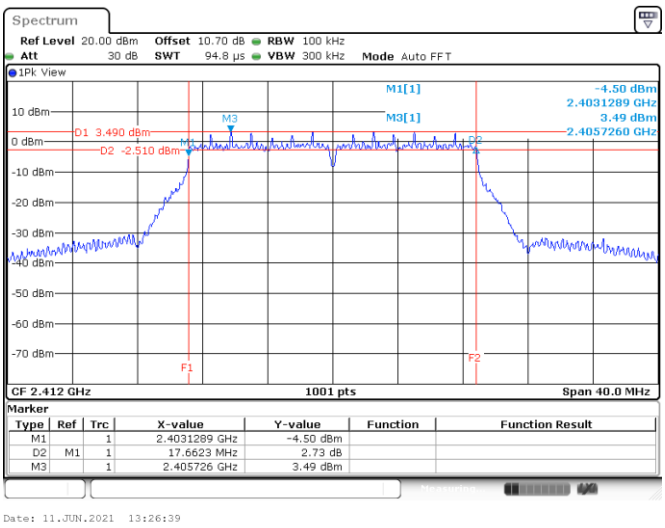
Date: 11.JUN.2021 13:21:04

802.11n HT20: 2TX

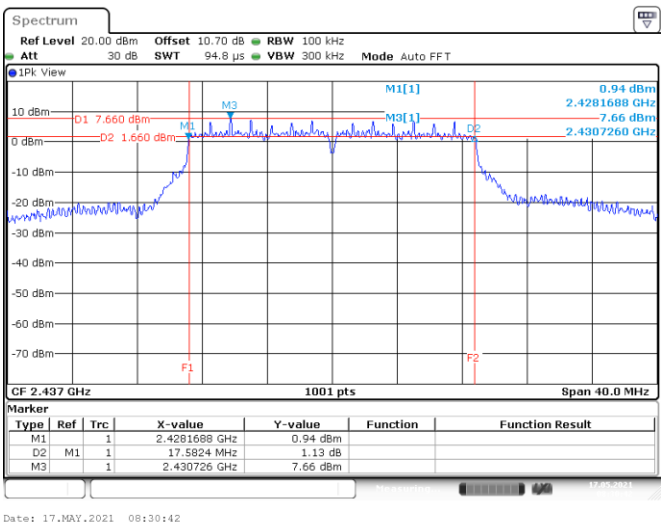
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
		Chain 0	Chain 1		
Low Channel	2412	17.66	15.10	> 0.5	Pass
Middle Channel	2437	17.58	15.10	> 0.5	Pass
High Channel	2462	17.62	15.10	> 0.5	Pass

<Chain 0>

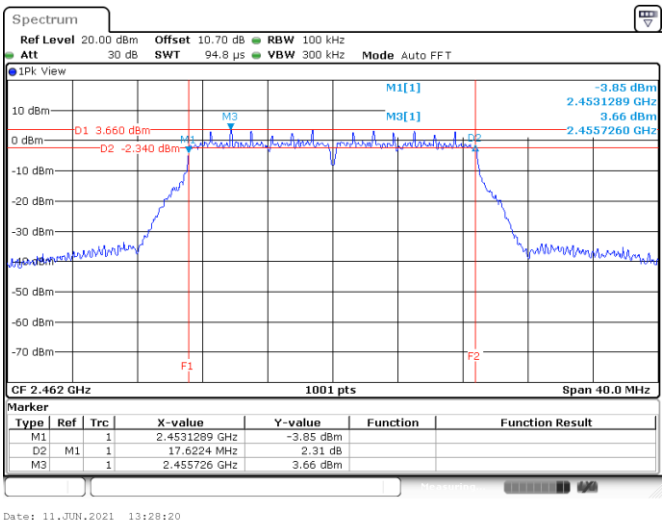
Low Channel



Middle Channel

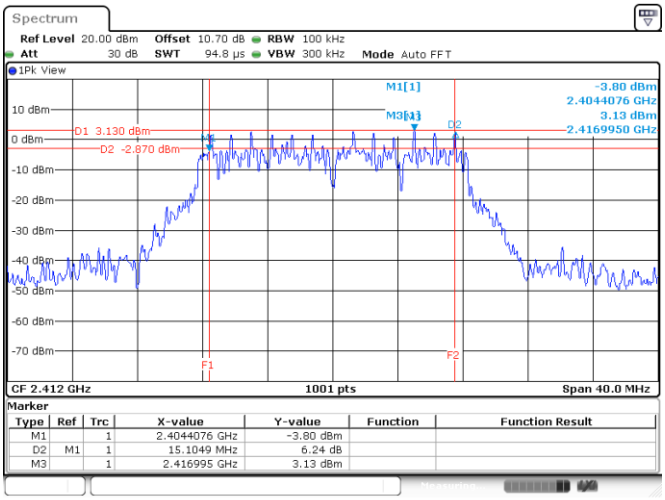


High Channel



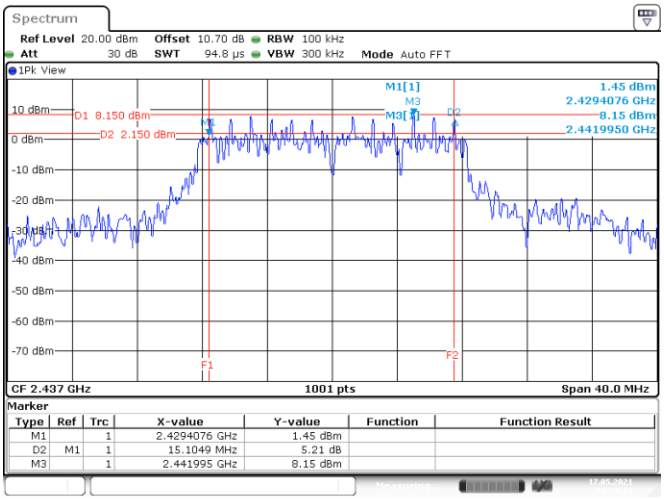
<Chain 1>

Low Channel



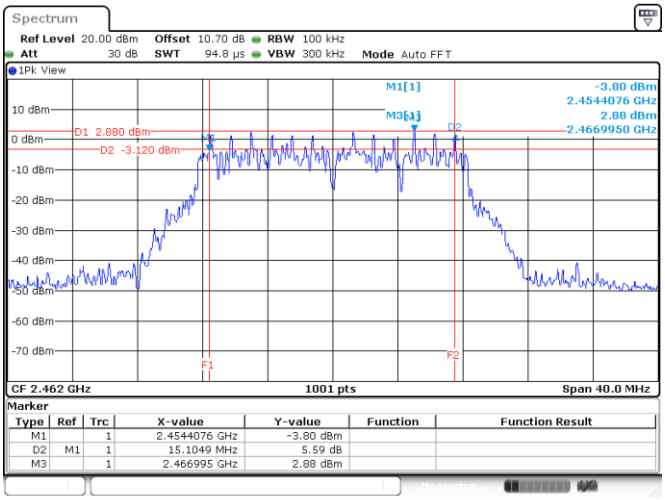
Date: 11.JUN.2021 13:32:09

Middle Channel



Date: 17.MAY.2021 08:28:19

High Channel



Date: 11.JUN.2021 13:30:18

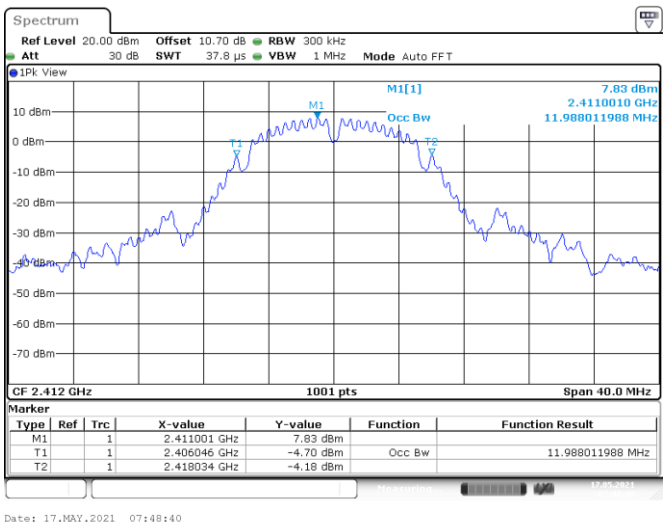
Test Result of 99% Occupied Bandwidth

802.11b: 2TX

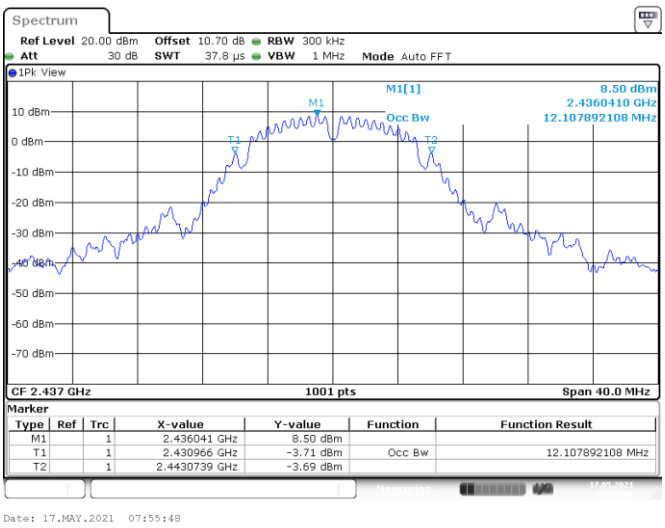
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	11.99	12.03
Middle Channel	2437	12.11	12.19
High Channel	2462	11.99	12.03

<Chain 0>

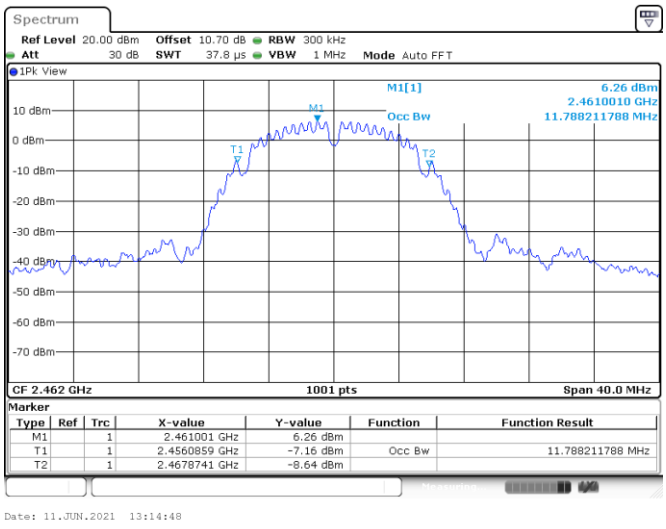
Low Channel



Middle Channel

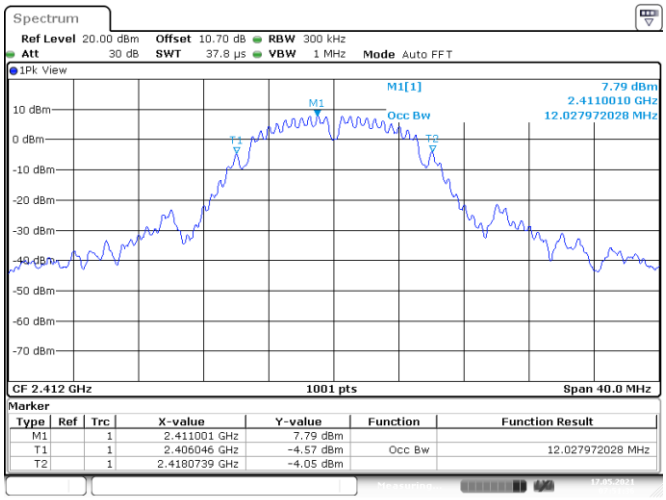


High Channel



<Chain 1>

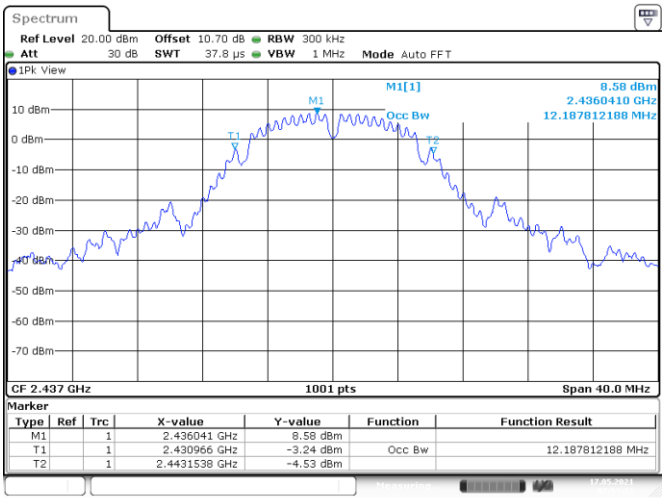
Low Channel



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.411001 GHz	7.79 dBm		
T1		1	2.406046 GHz	-4.57 dBm	Occ Bw	12.027972028 MHz
T2		1	2.4180739 GHz	-4.05 dBm		

Date: 17.MAY.2021 07:51:36

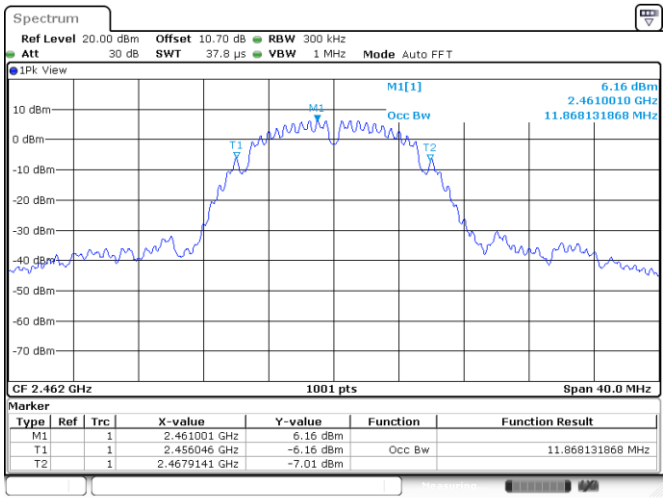
Middle Channel



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.436041 GHz	8.58 dBm		
T1		1	2.430966 GHz	-3.24 dBm	Occ Bw	12.187812188 MHz
T2		1	2.4431538 GHz	-4.53 dBm		

Date: 17.MAY.2021 07:53:33

High Channel



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.461001 GHz	6.16 dBm		
T1		1	2.456046 GHz	-6.16 dBm	Occ Bw	11.868131868 MHz
T2		1	2.4679141 GHz	-7.01 dBm		

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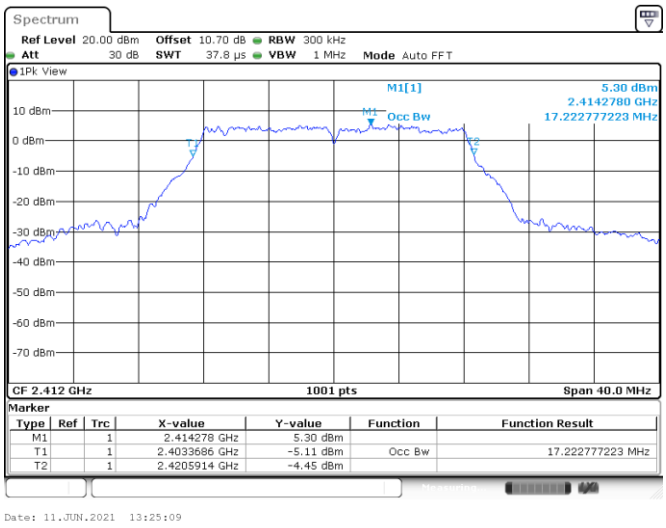
802.11g: 2TX

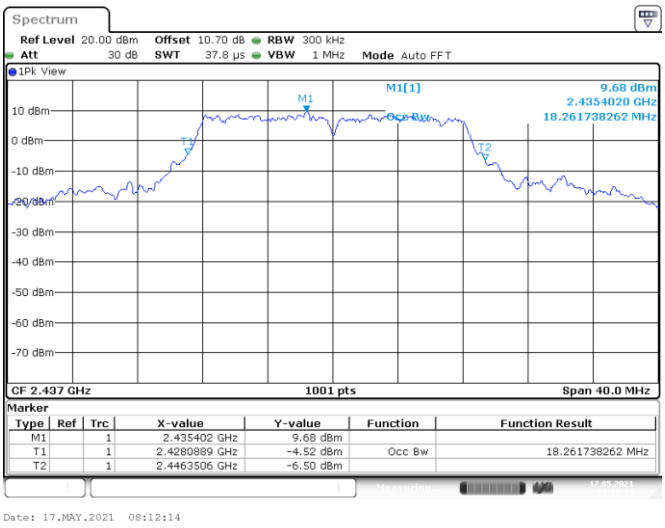
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	17.22	16.94
Middle Channel	2437	18.26	18.94
High Channel	2462	17.10	17.02

<Chain 0>

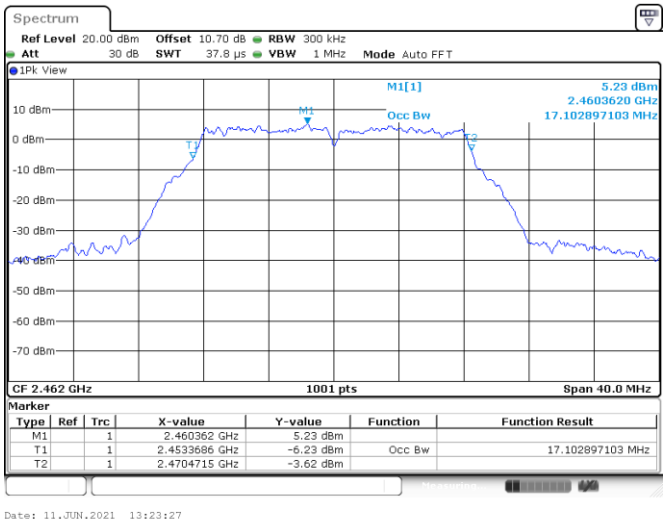
Low Channel



Middle Channel

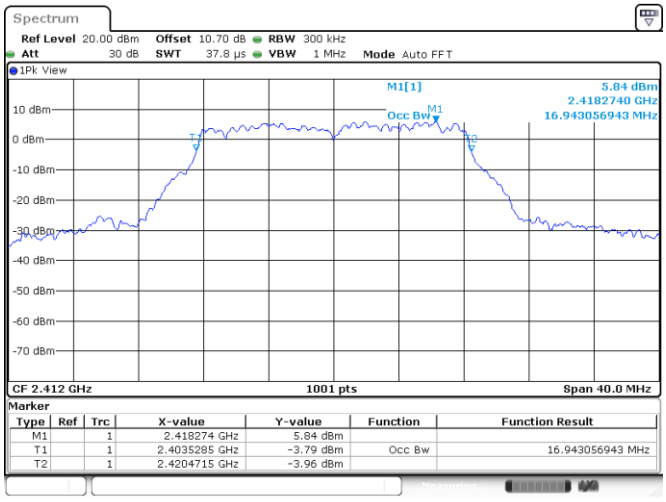


High Channel

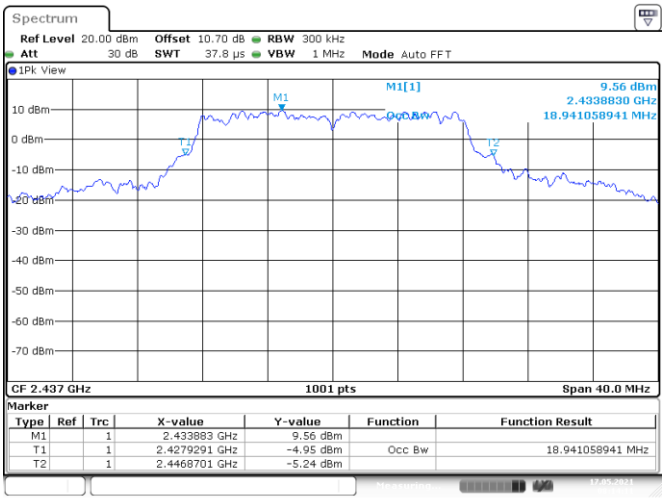


<Chain 1>

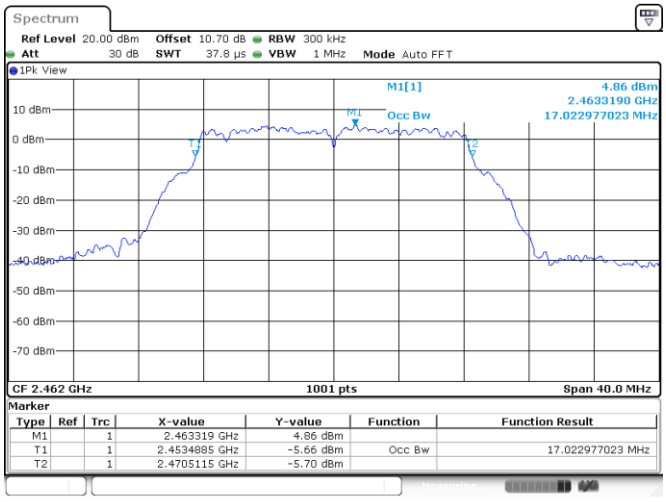
Low Channel



Middle Channel



High Channel

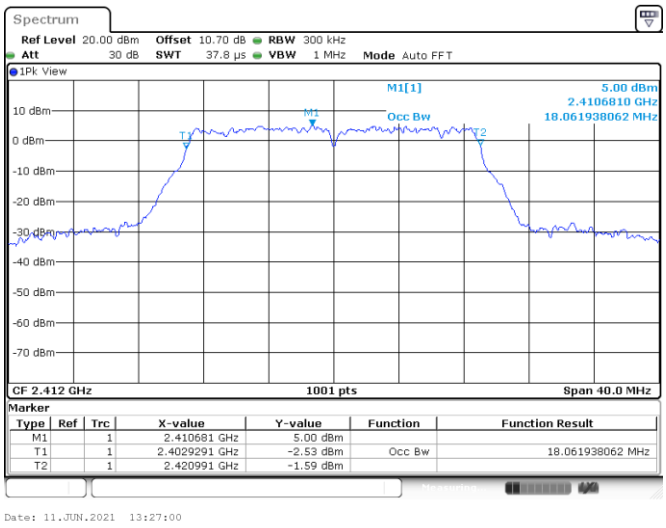


802.11n HT20: 2TX

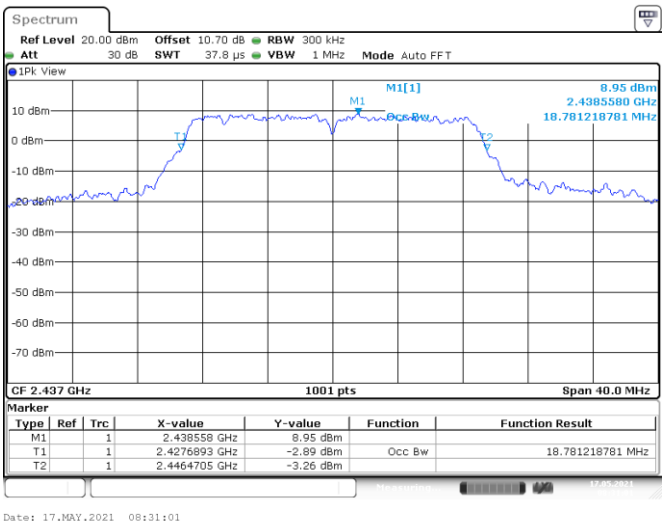
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Chain 0	Chain 1
Low Channel	2412	18.06	16.78
Middle Channel	2437	18.78	16.98
High Channel	2462	18.02	16.70

<Chain 0>

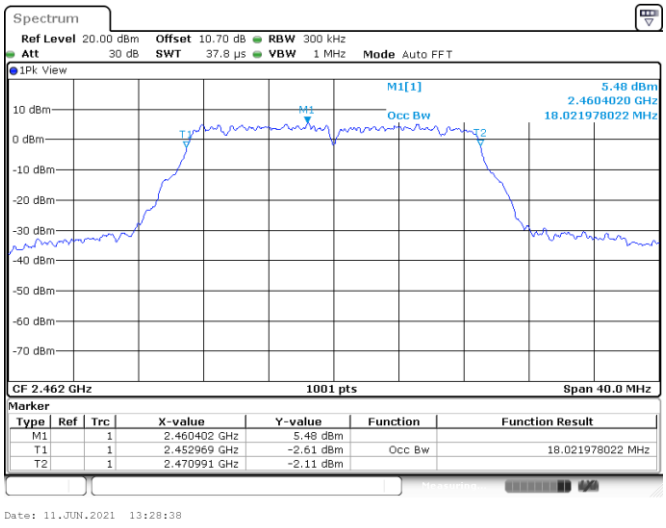
Low Channel



Middle Channel

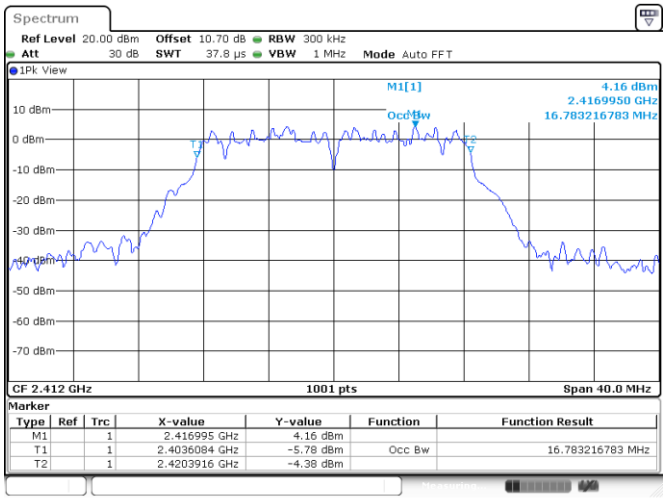


High Channel

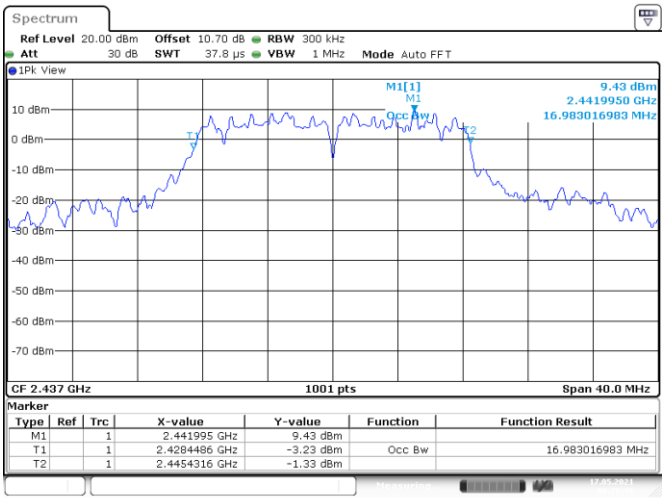


<Chain 1>

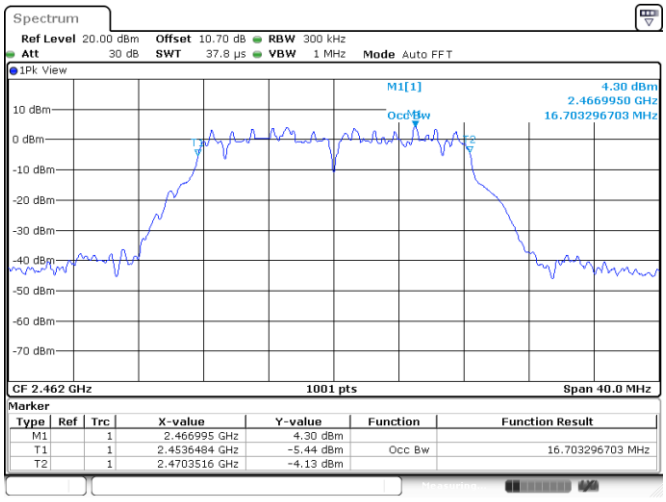
Low Channel



Middle Channel



High Channel



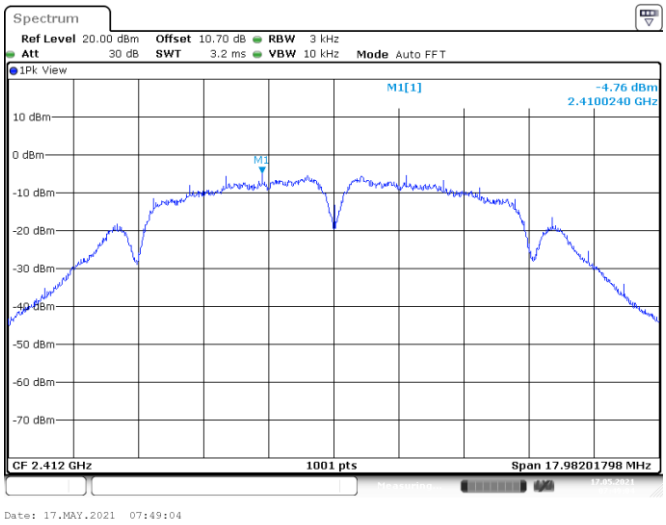
Test Result of Power Spectral Density

802.11b: 2TX

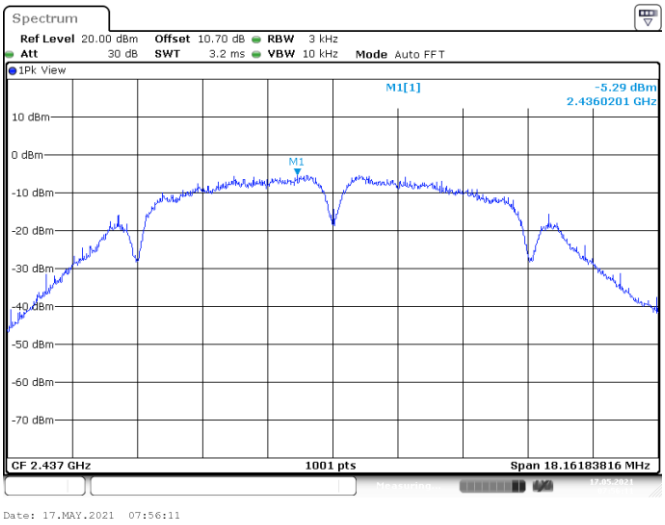
Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)		Total Power Density (dBm/3kHz)	Limit (dBm/3kHz)
		Chain 0	Chain 1		
Low Channel	2412	-4.76	-4.66	-1.70	8
Middle Channel	2437	-5.29	-3.79	-1.47	8
High Channel	2462	-4.93	-4.78	-1.84	8

<Chain 0>

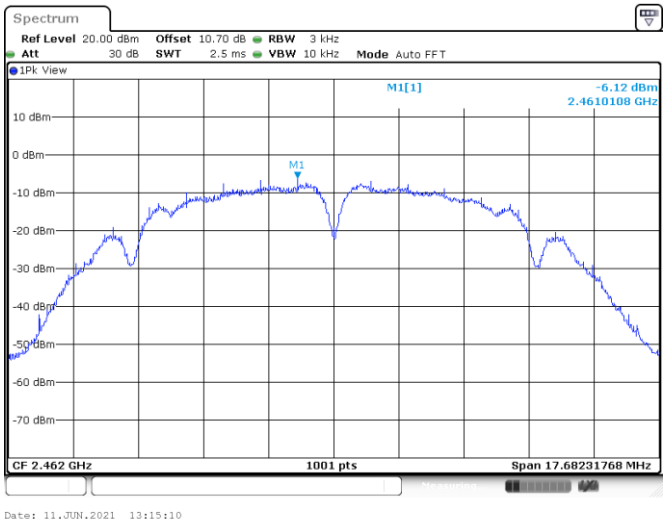
Low Channel



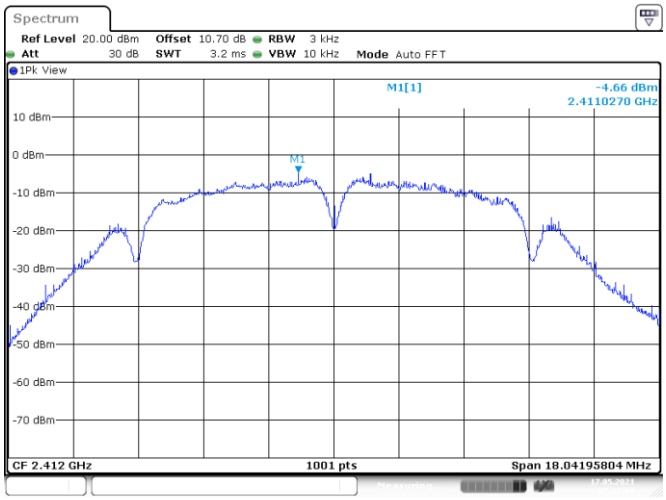
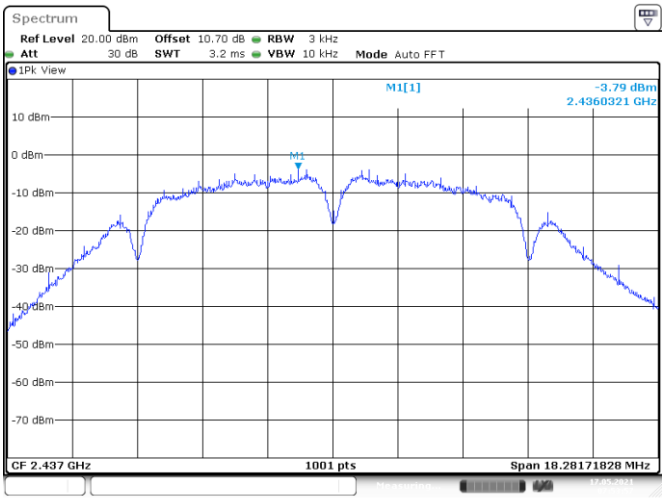
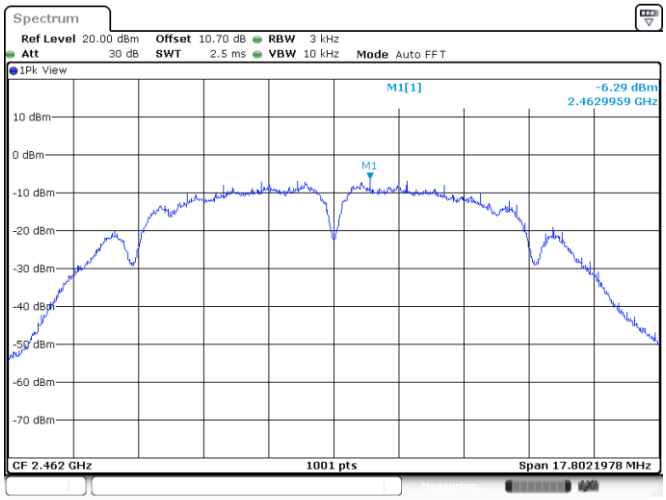
Middle Channel



High Channel



<Chain 1>

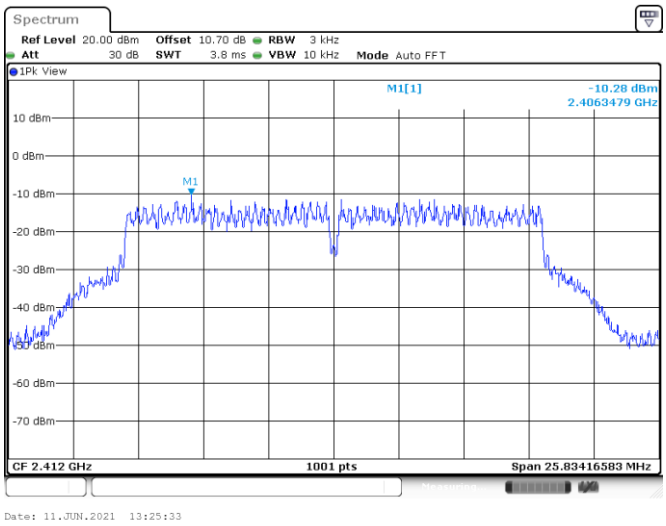
Low Channel	Middle Channel
 Date: 17.MAY.2021 07:52:00	 Date: 17.MAY.2021 07:53:57
High Channel	
 Date: 11.JUN.2021 13:17:23	

802.11g: 2TX

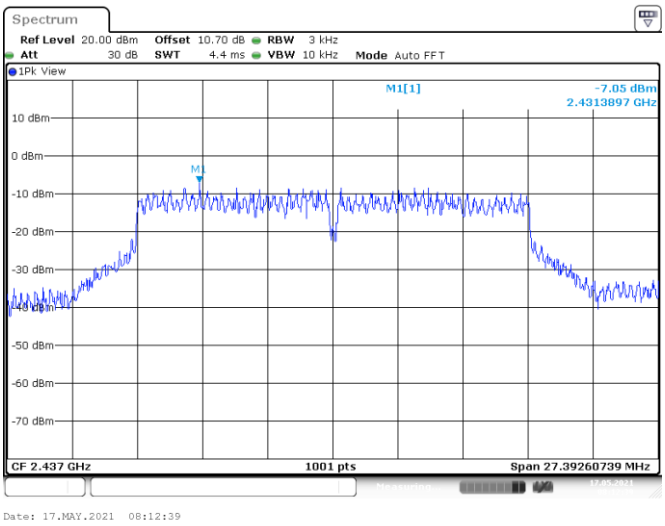
Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)		Total Power Density (dBm/3kHz)	Limit (dBm/3kHz)
		Chain 0	Chain 1		
Low Channel	2412	-10.28	-10.76	-7.50	8
Middle Channel	2437	-7.05	-7.31	-4.17	8
High Channel	2462	-11.10	-11.75	-8.40	8

<Chain 0>

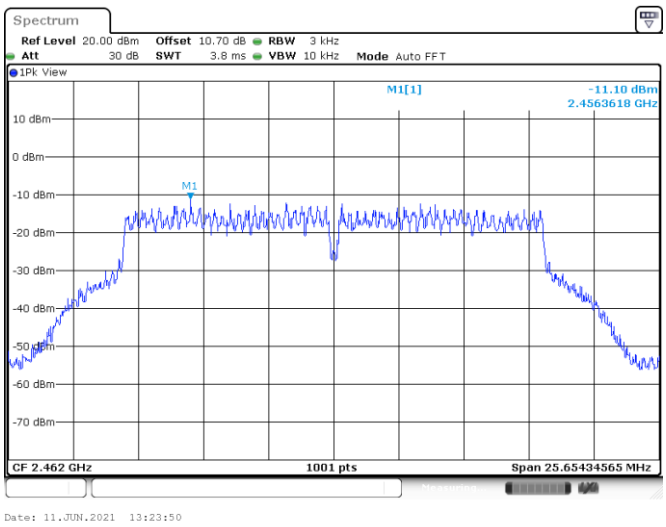
Low Channel



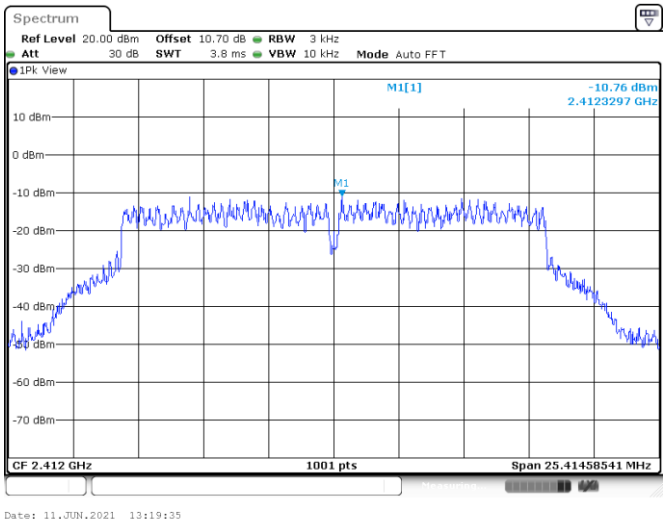
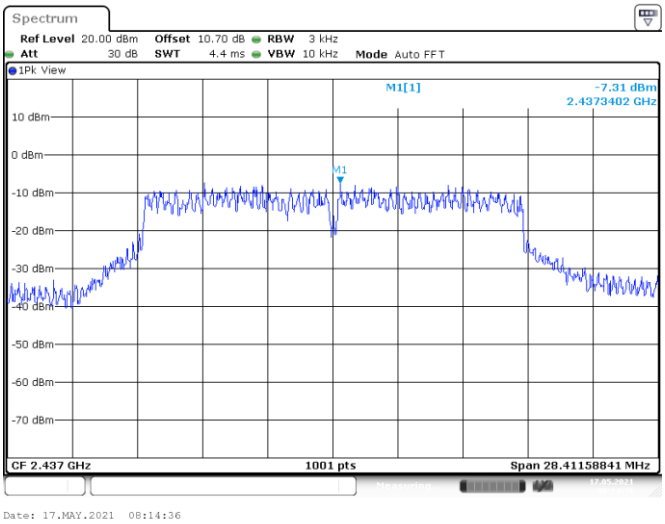
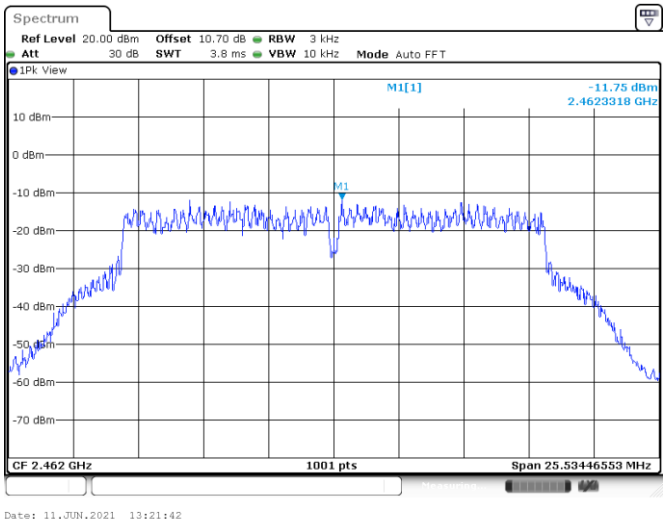
Middle Channel



High Channel



<Chain 1>

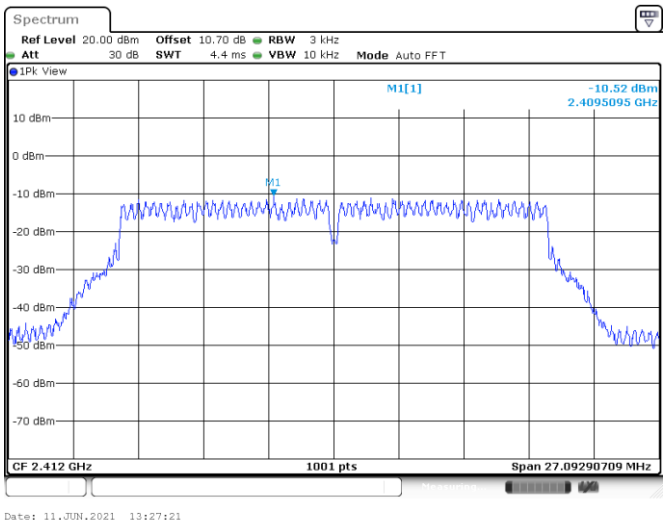
Low Channel	Middle Channel
	
High Channel	
	

802.11n HT20: 2TX

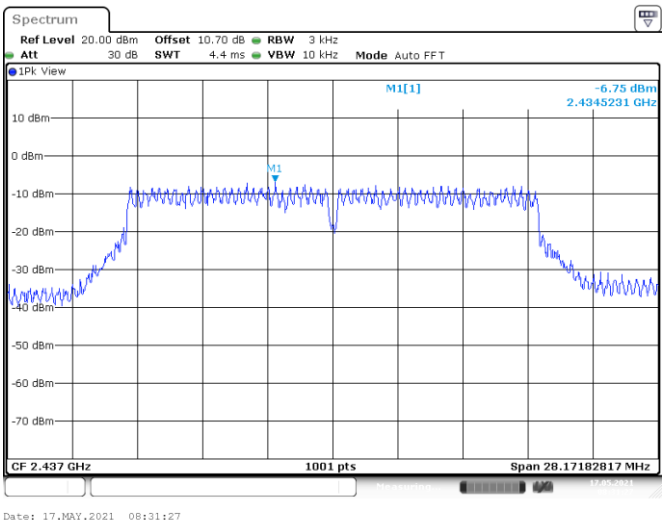
Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)		Total Power Density (dBm/3kHz)	Limit (dBm/3kHz)
		Chain 0	Chain 1		
Low Channel	2412	-10.52	-18.74	-9.91	8
Middle Channel	2437	-6.75	-14.36	-6.06	8
High Channel	2462	-10.58	-19.09	-10.01	8

<Chain 0>

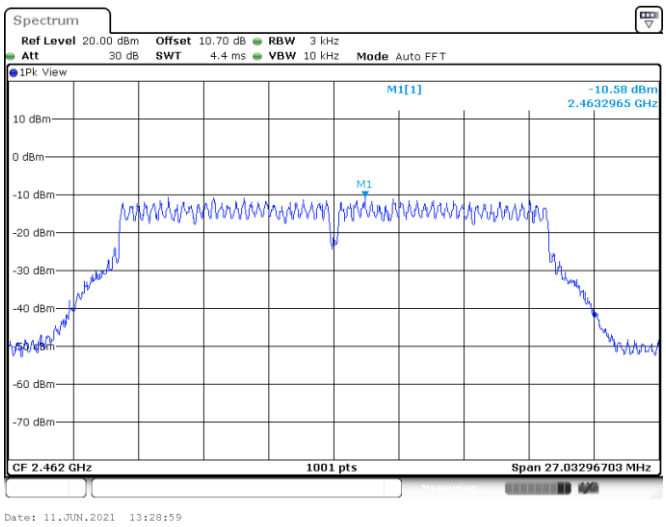
Low Channel



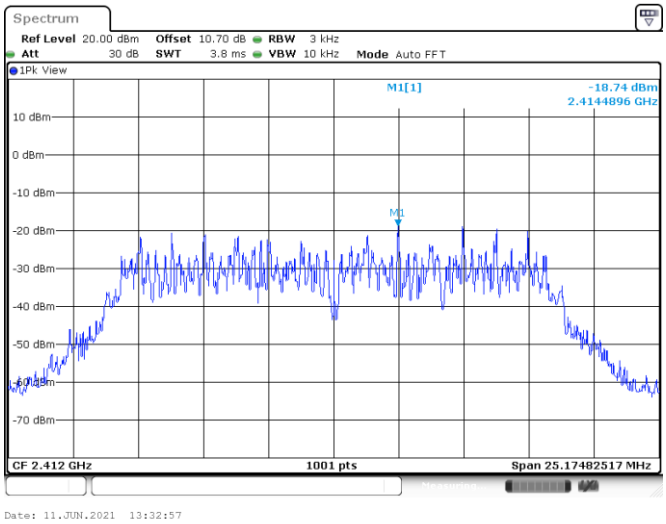
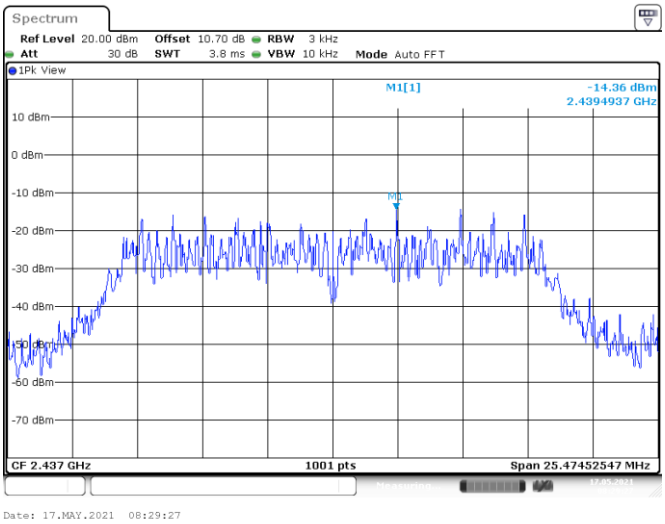
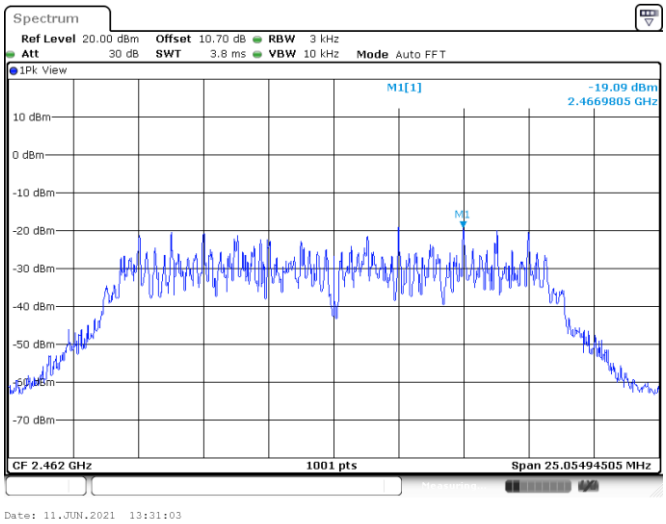
Middle Channel



High Channel



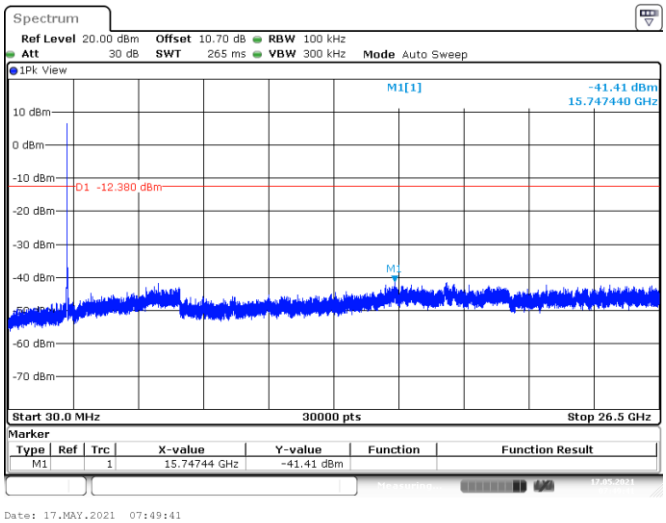
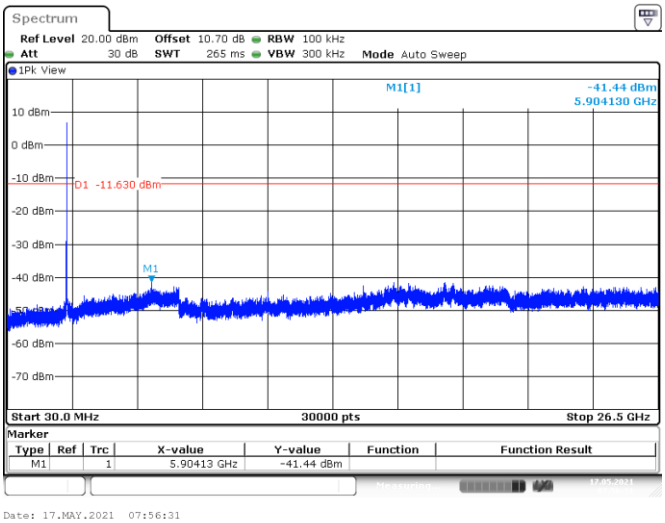
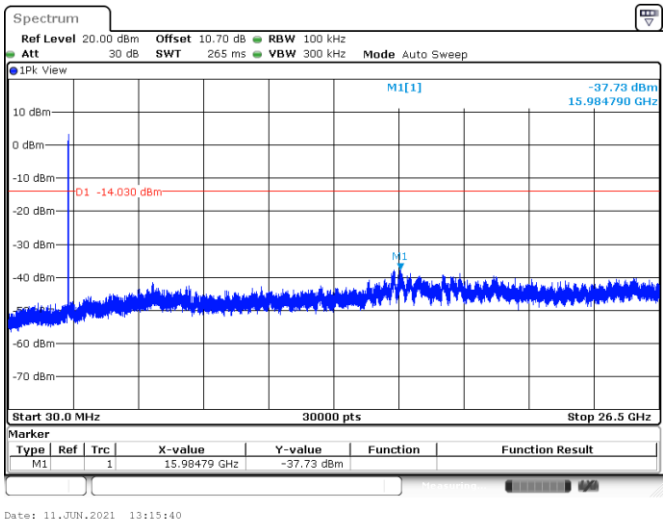
<Chain 1>

Low Channel	Middle Channel
	
High Channel	
	

Test Result of Conducted Spurious Emissions

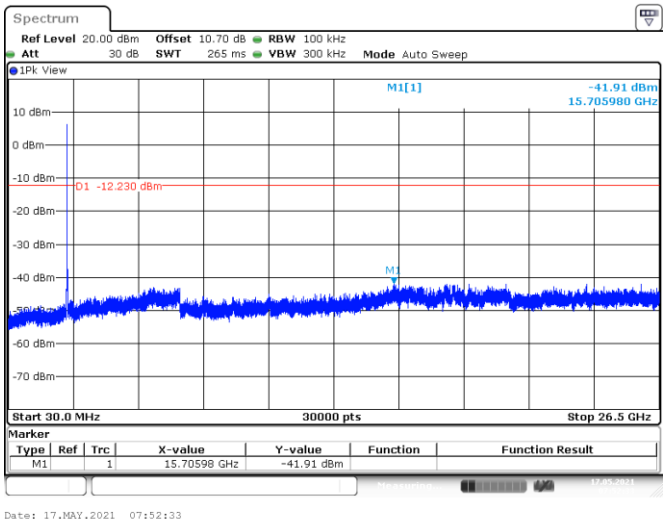
802.11b: 2TX

<Chain 0>

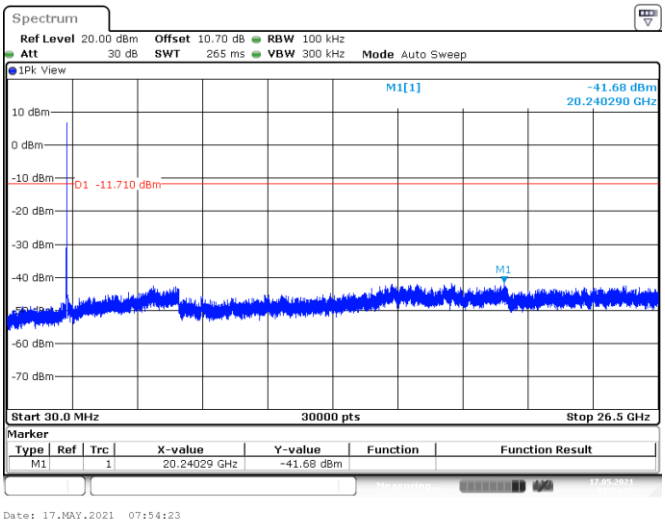
Low Channel	Middle Channel
	
High Channel	
	

<Chain 1>

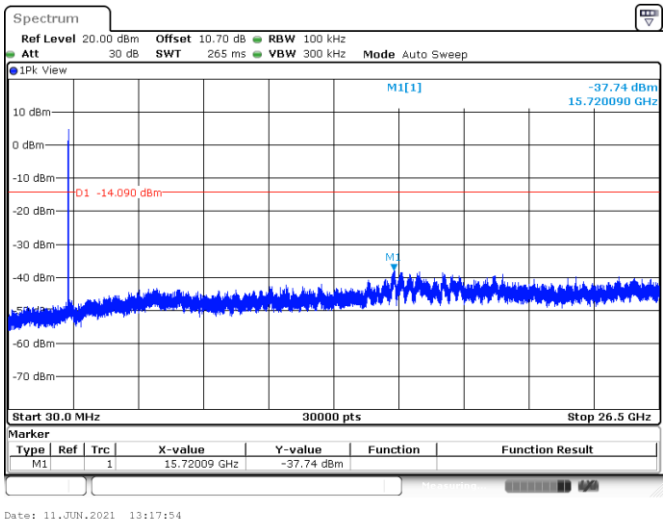
Low Channel



Middle Channel

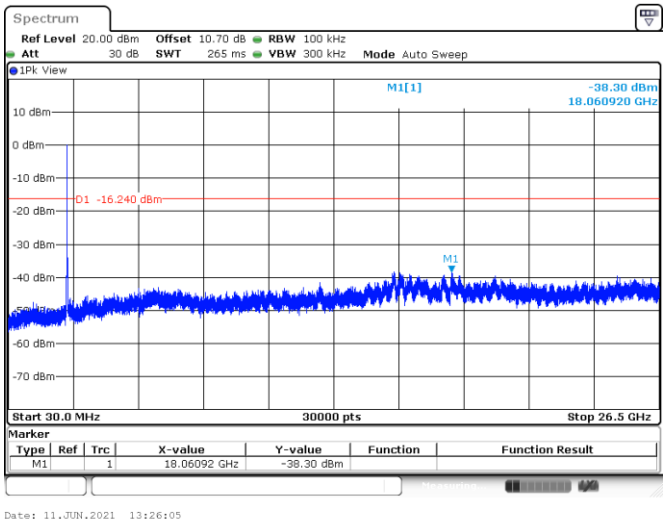
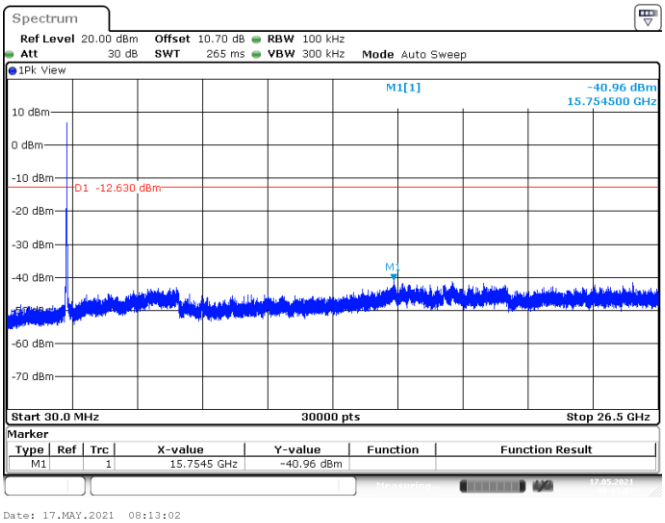
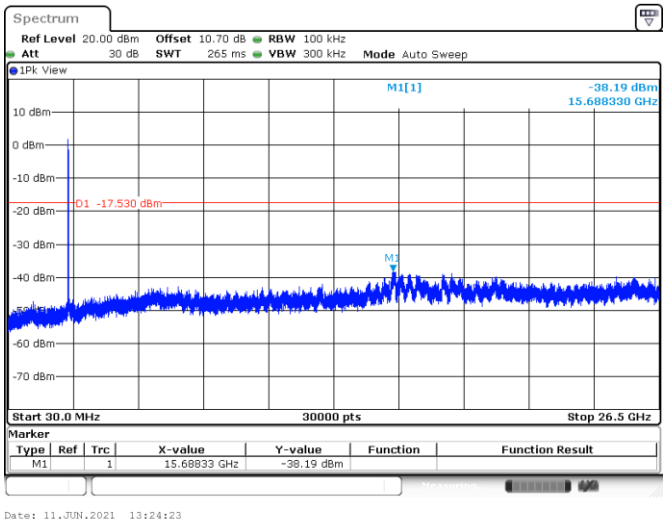


High Channel



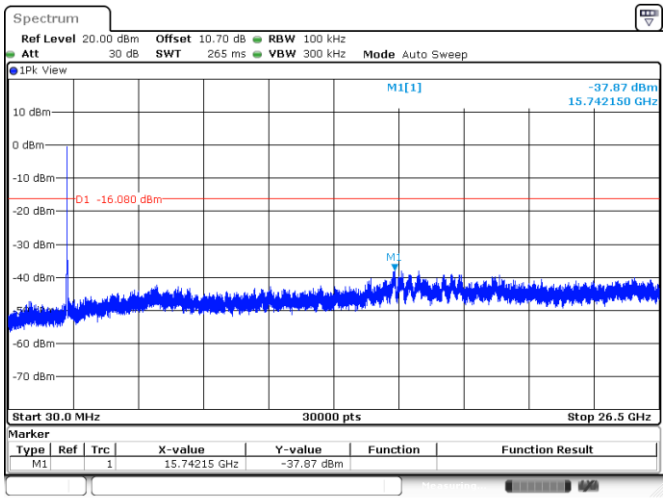
802.11g: 2TX

<Chain 0>

Low Channel	Middle Channel
	
High Channel	
	

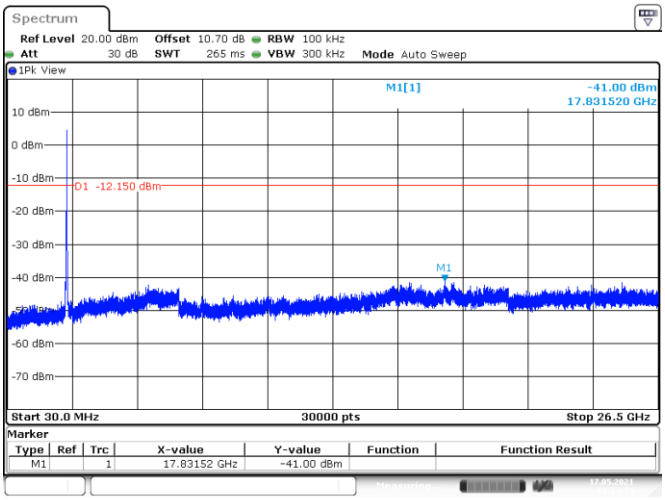
<Chain 1>

Low Channel



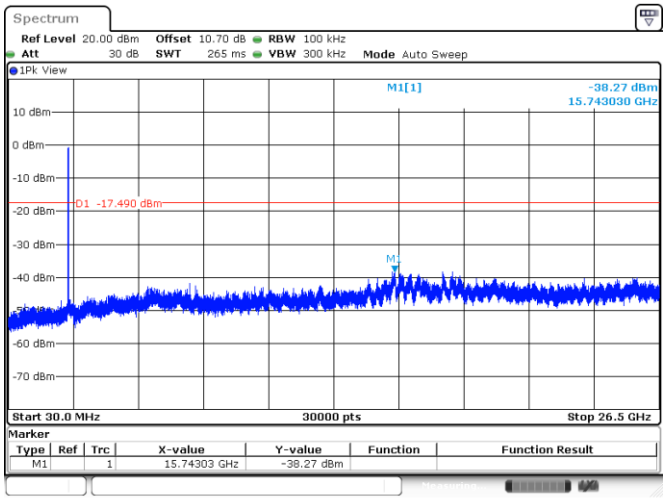
Date: 11.JUN.2021 13:20:09

Middle Channel



Date: 17.MAY.2021 08:14:54

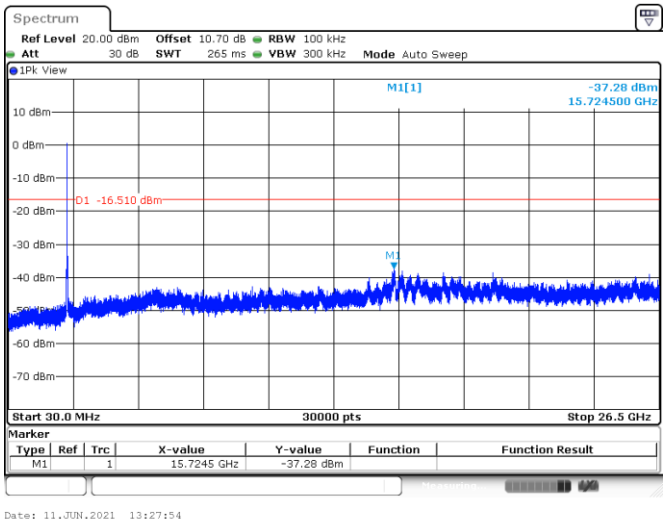
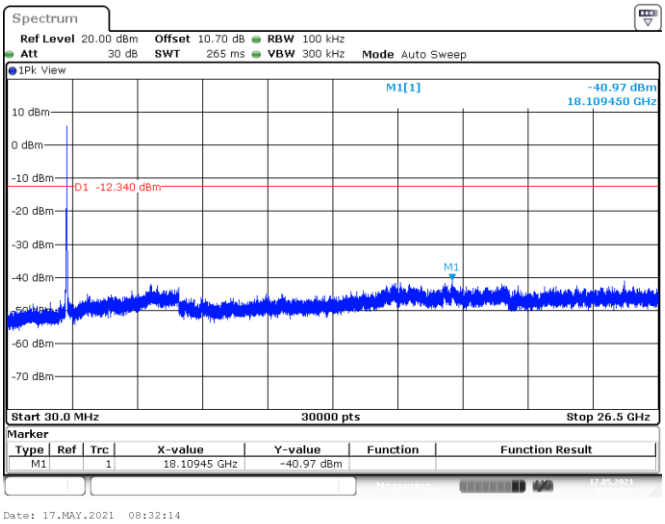
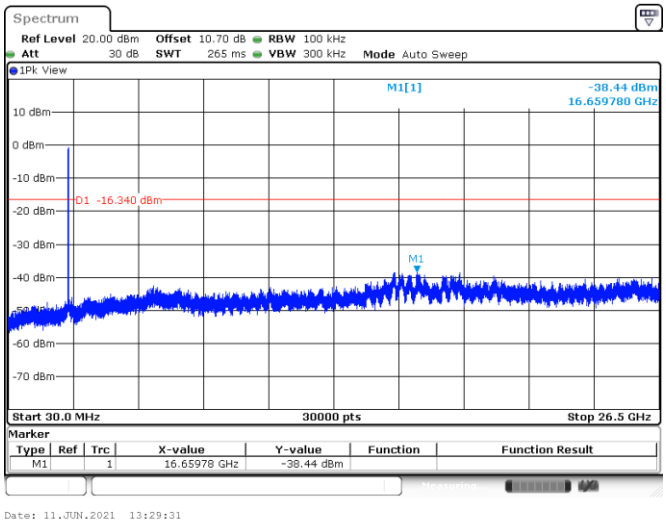
High Channel



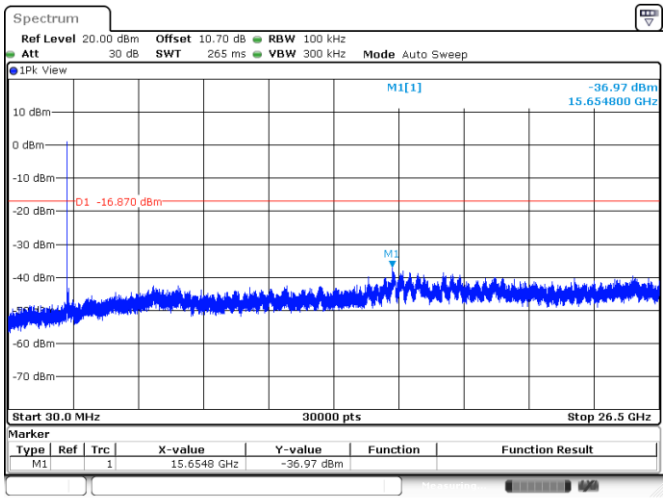
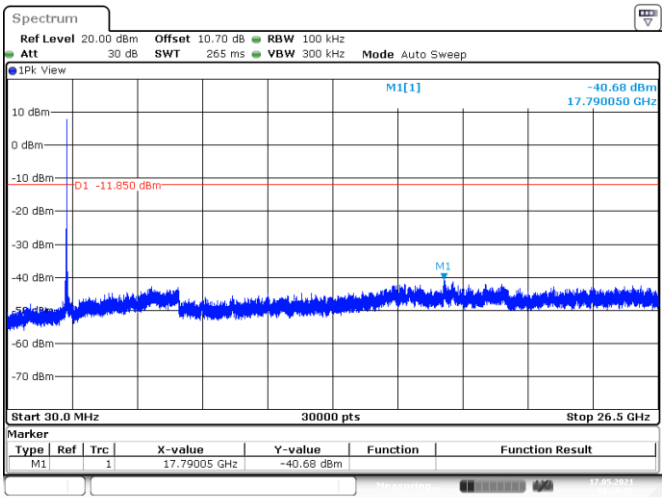
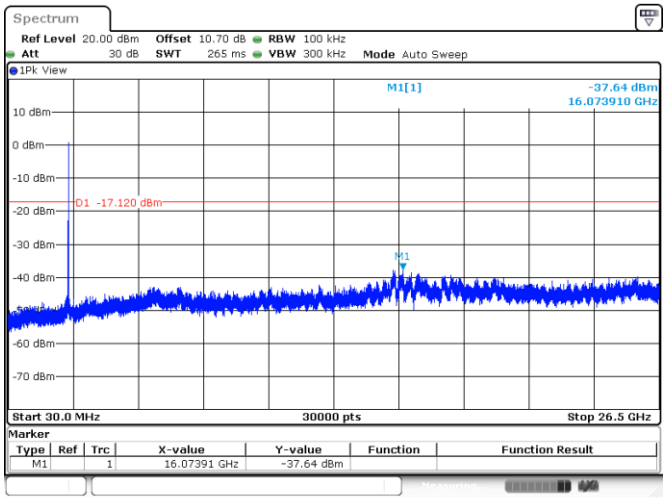
Date: 11.JUN.2021 13:22:16

802.11n HT20: 2TX

<Chain 0>

Low Channel	Middle Channel
	
High Channel	
	

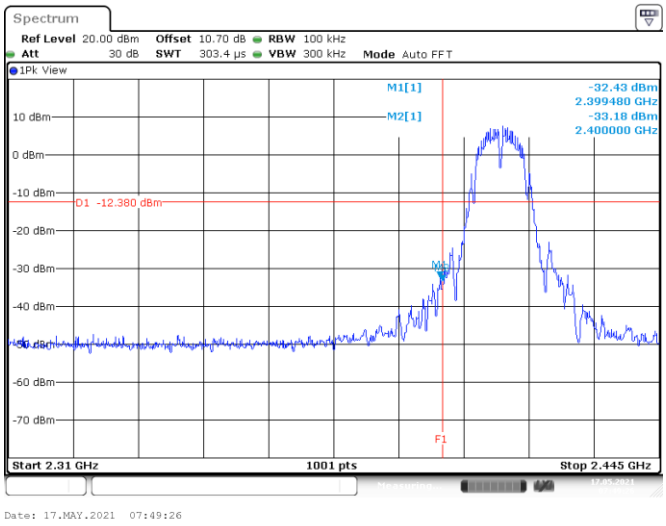
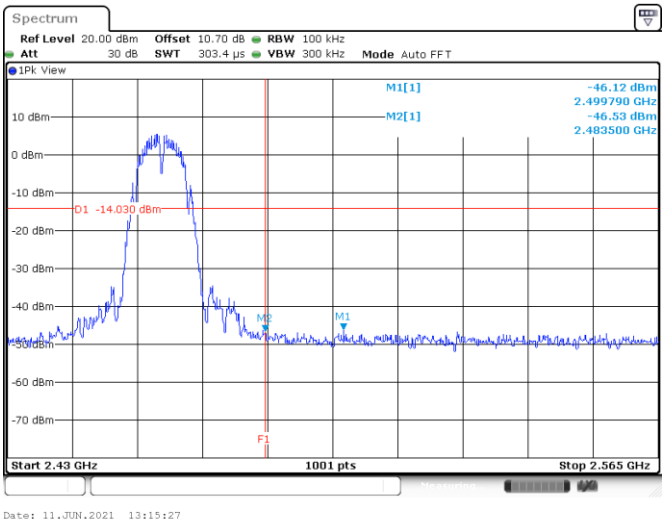
<Chain 1>

Low Channel	Middle Channel
	
High Channel	
	

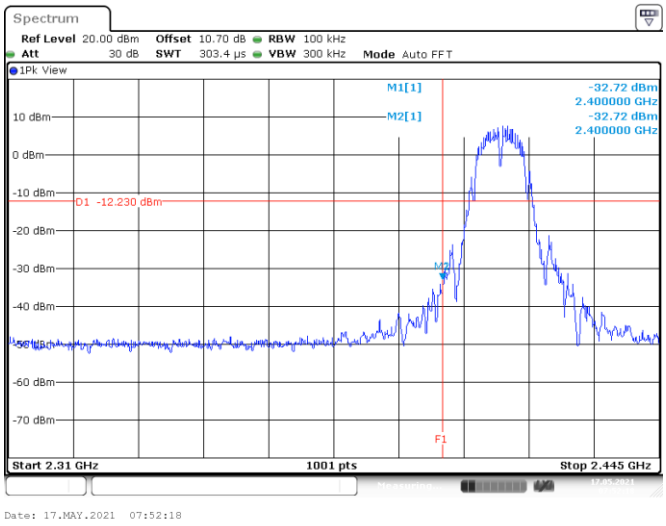
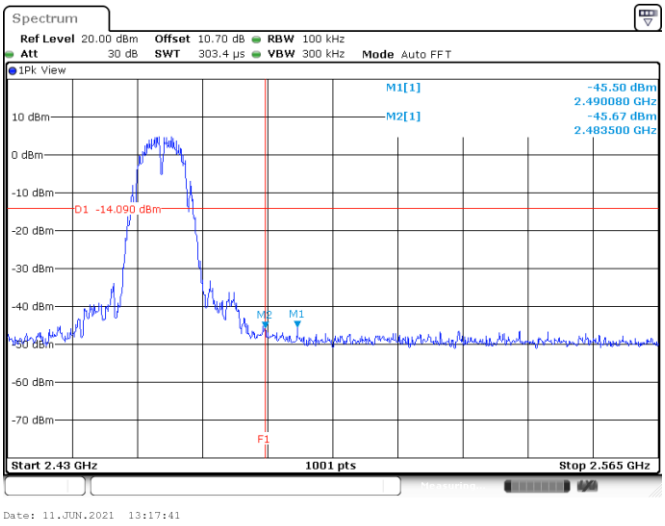
Test Result of Conducted Bandedge, Tx Mode

802.11b: 2TX

<Chain 0>

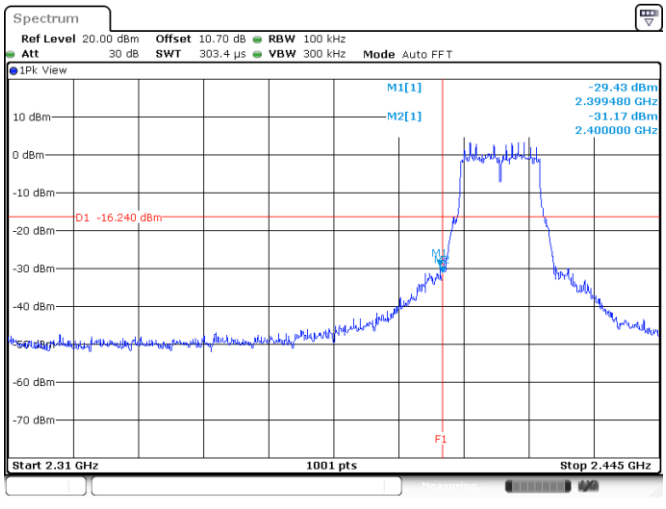
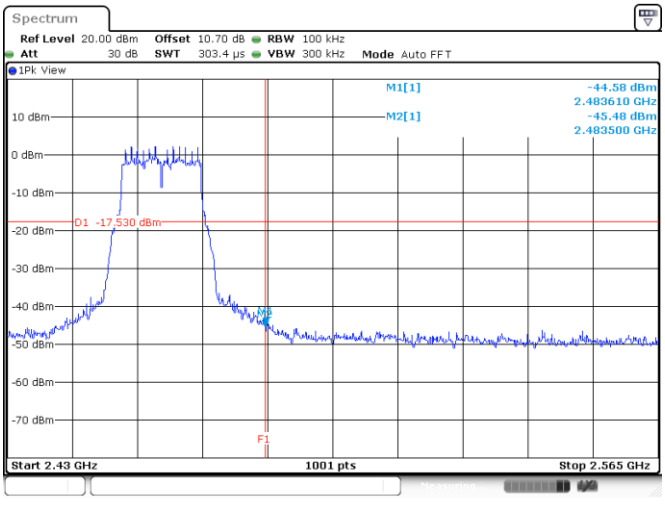
Low Channel	High Channel
	

<Chain 1>

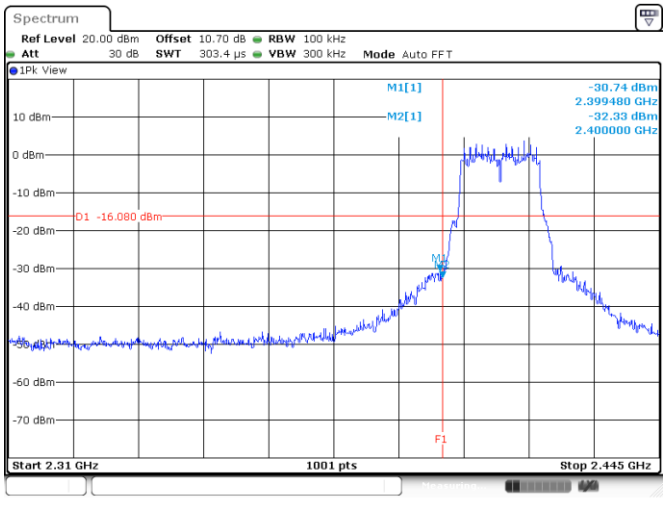
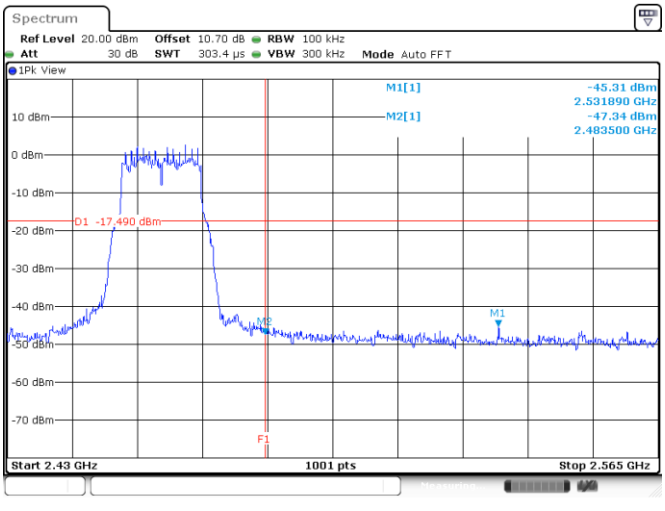
Low Channel	High Channel
	

802.11g

<Chain 0>

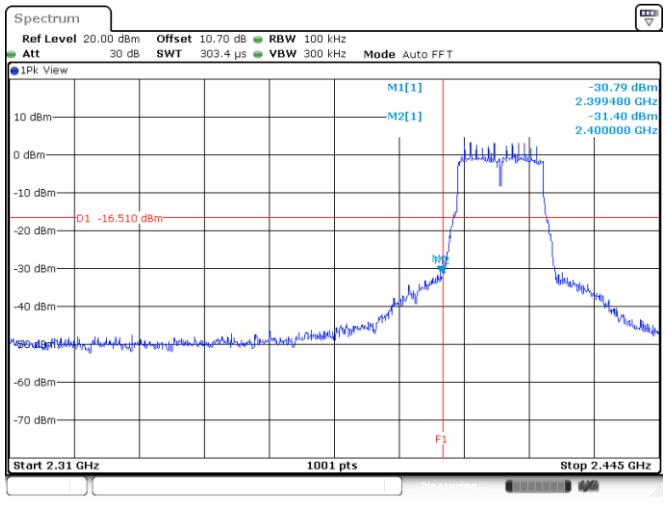
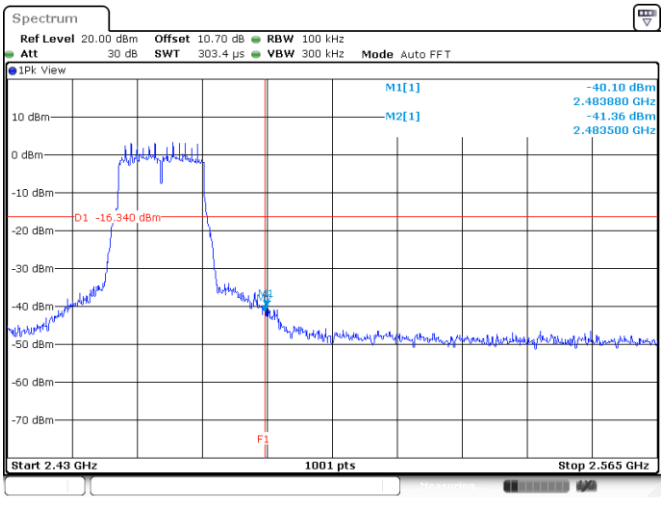
Low Channel	High Channel
	

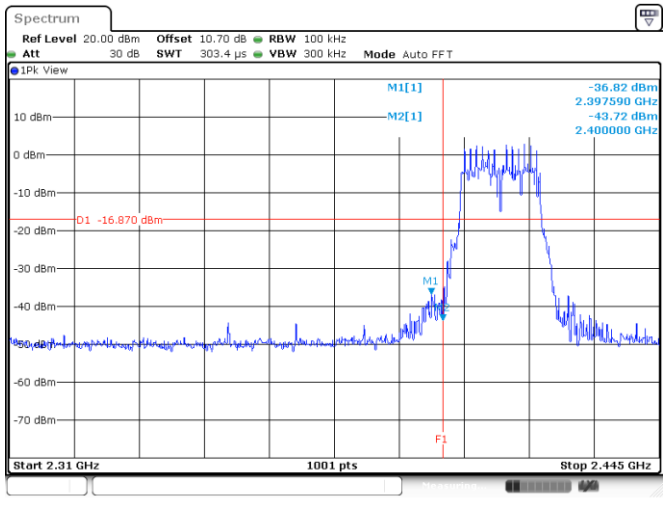
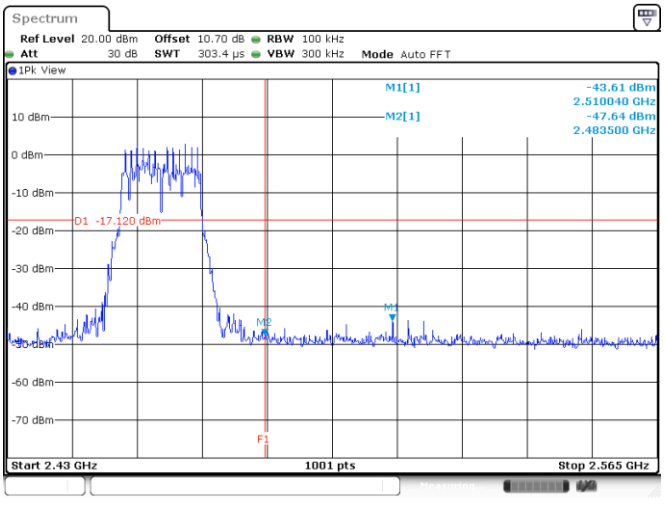
<Chain 1>

Low Channel	High Channel
	

802.11n HT20: 2TX

<Chain 0>

Low Channel	High Channel
	

<Chain 1>

Low Channel	High Channel