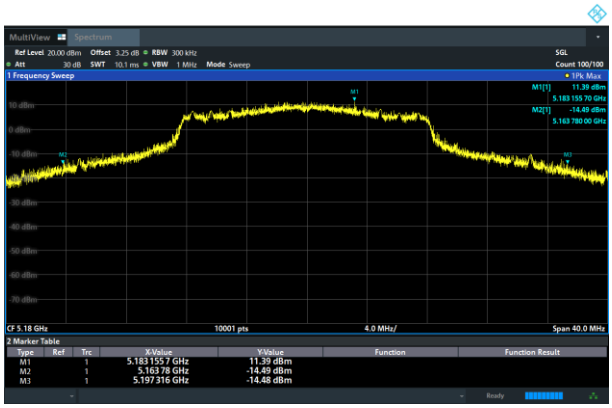
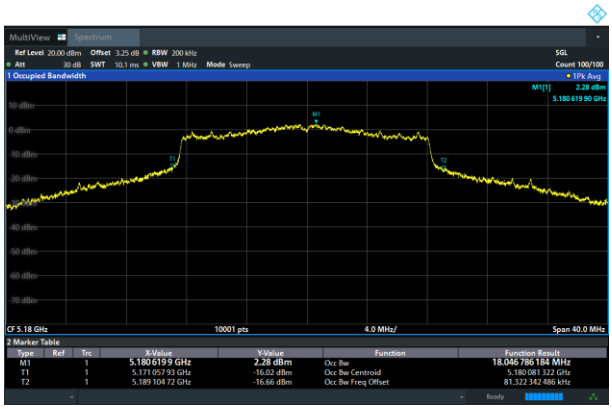
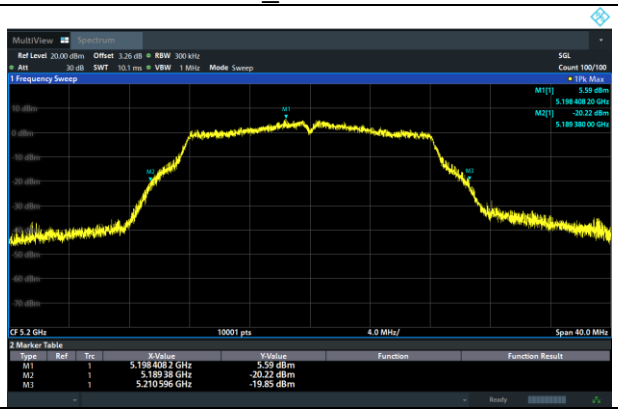
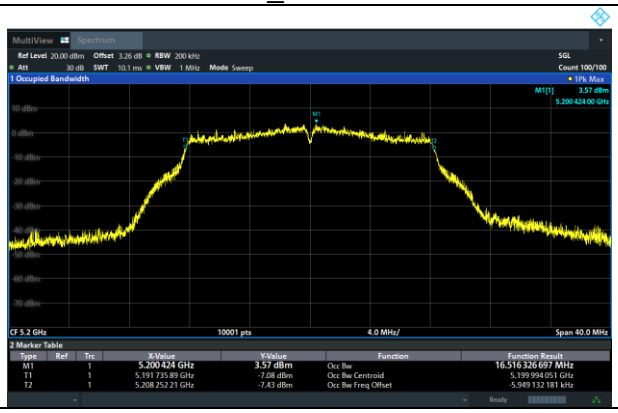
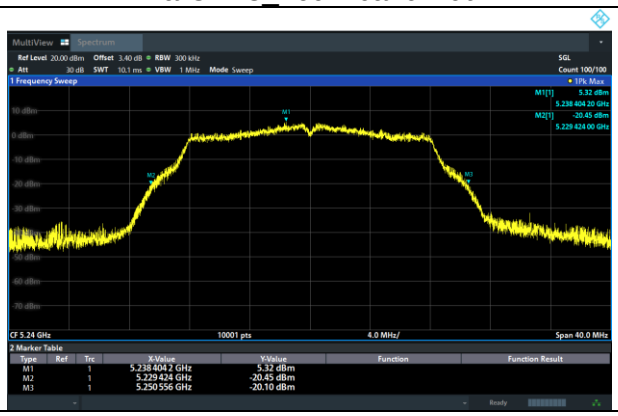
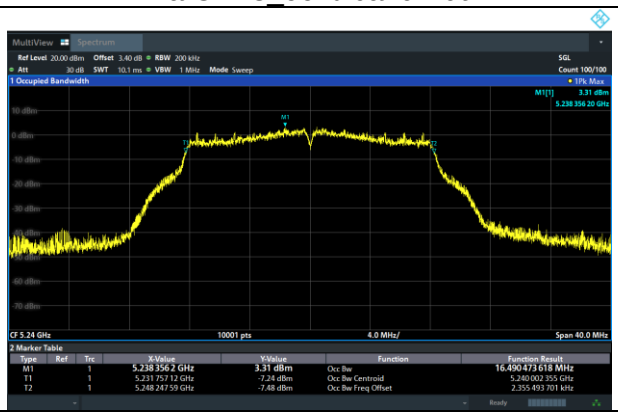
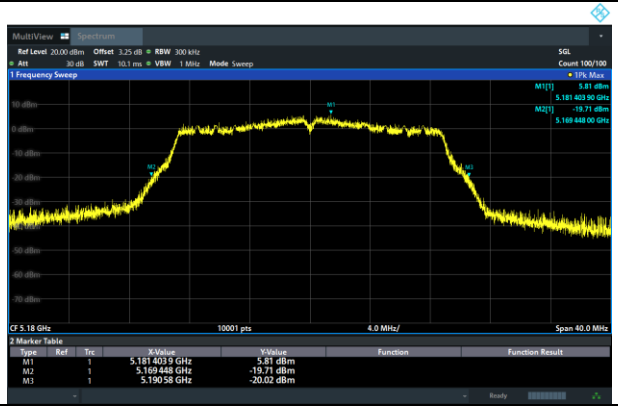
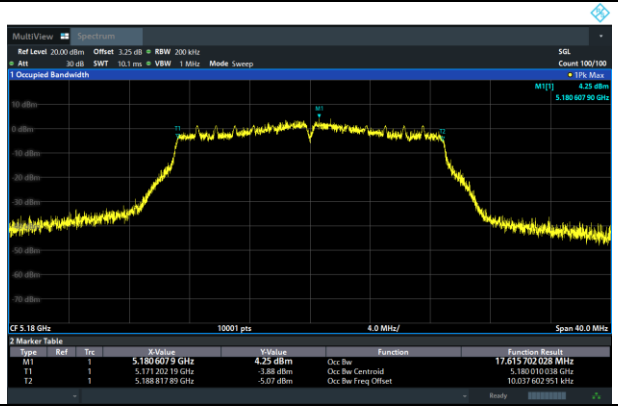
Test plots:

For U-NII-1

11a CH36_26dB bandwidth	11a CH36_99% bandwidth
	
11a CH40_26dB bandwidth	**11a CH40_99% bandwidth**
	
11a CH48_26dB bandwidth	**11a CH48_99% bandwidth**
	

11n (HT20) CH36_26dB bandwidth	11n (HT20) CH36_99% bandwidth
	
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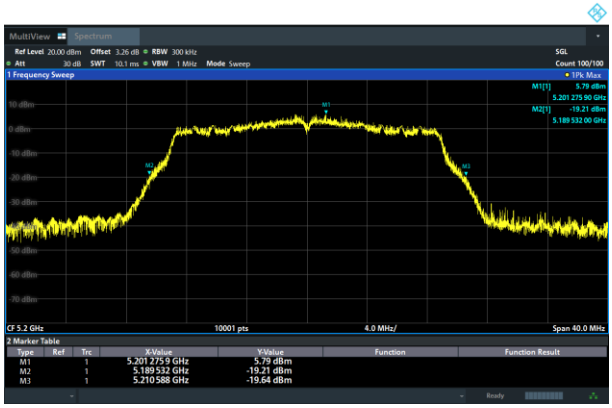
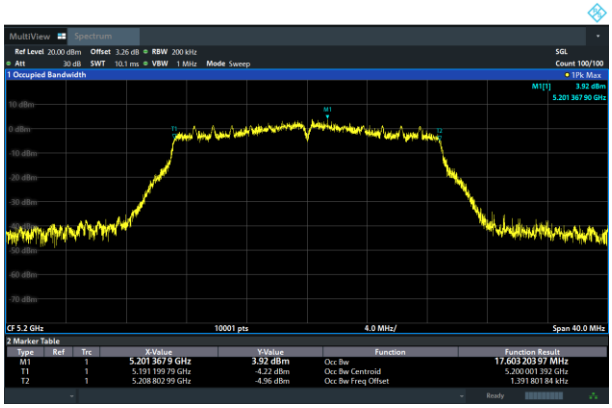
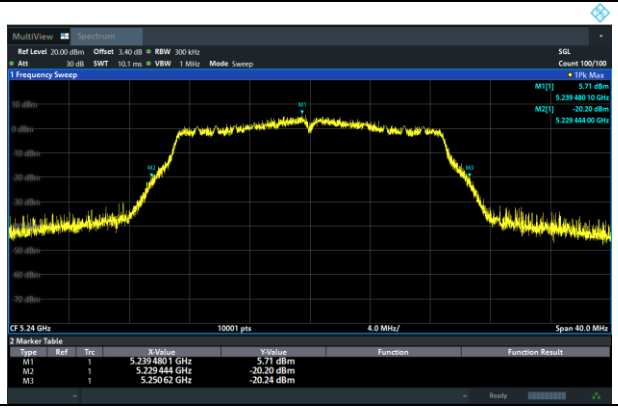
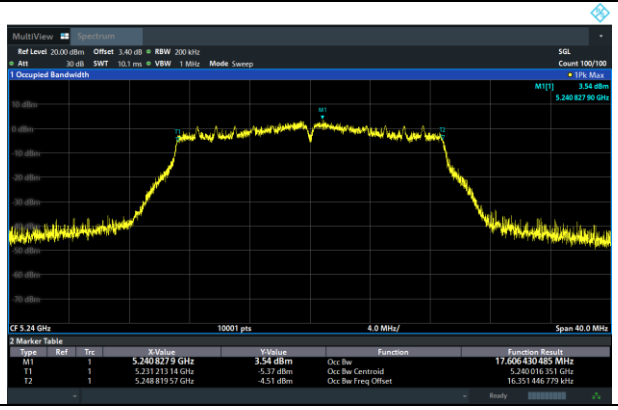
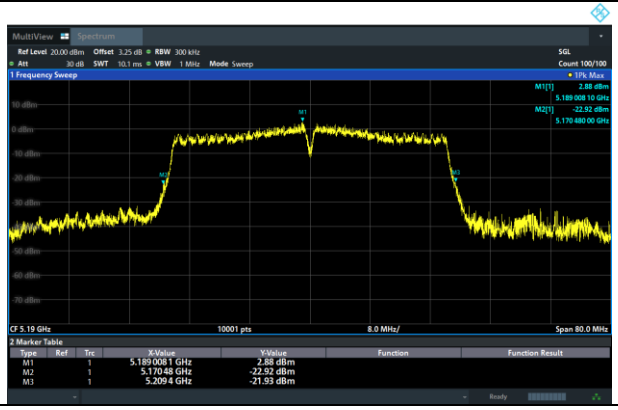
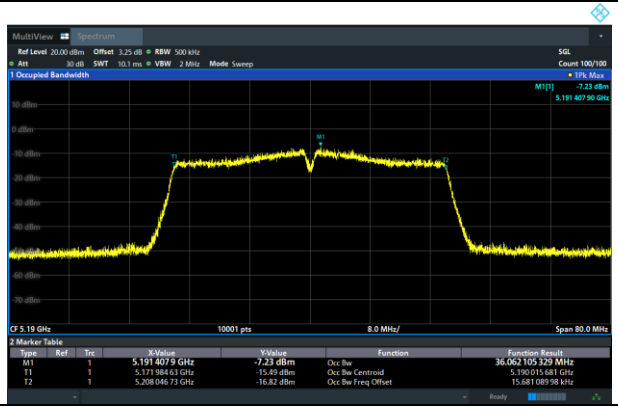
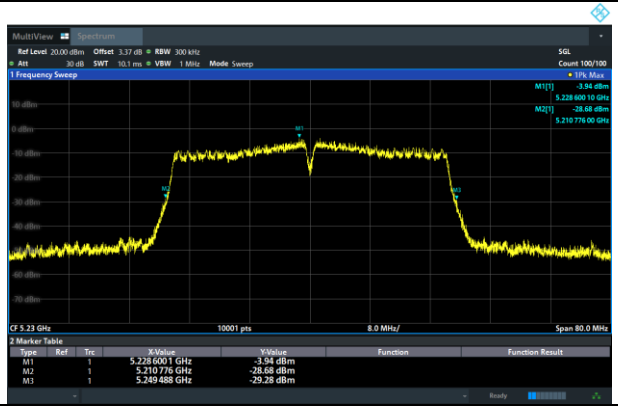
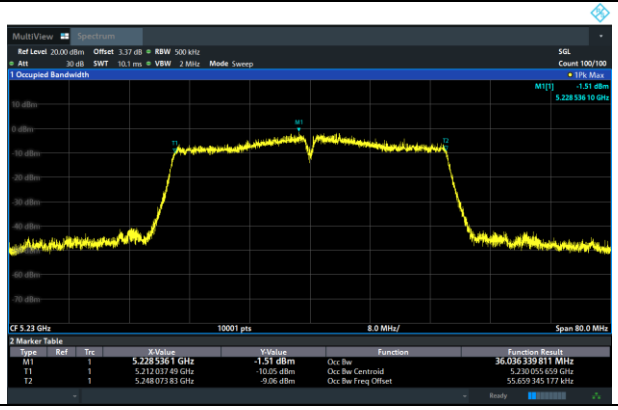
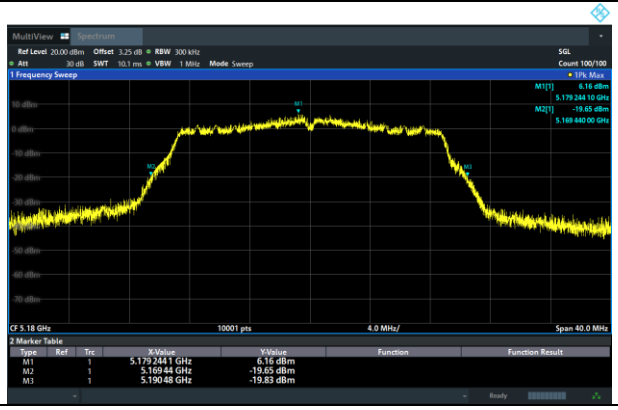
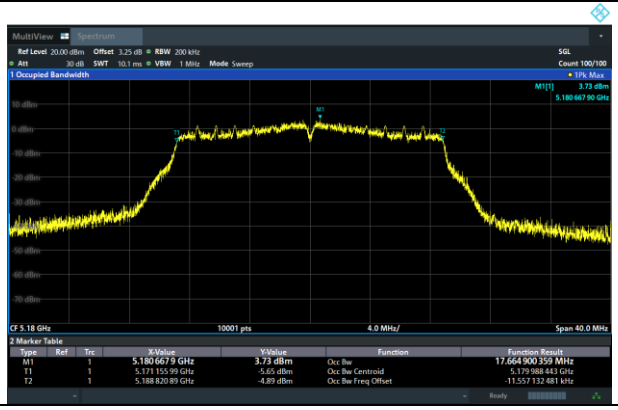
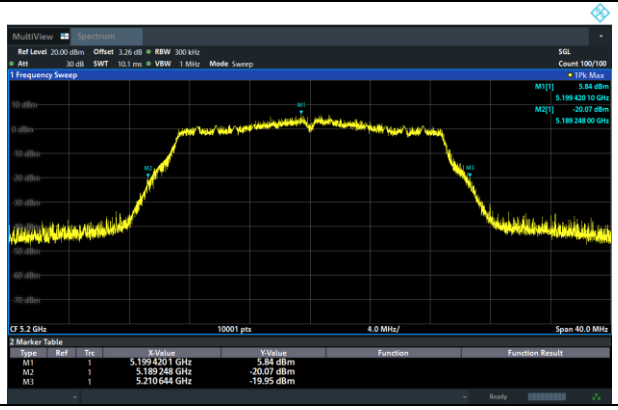
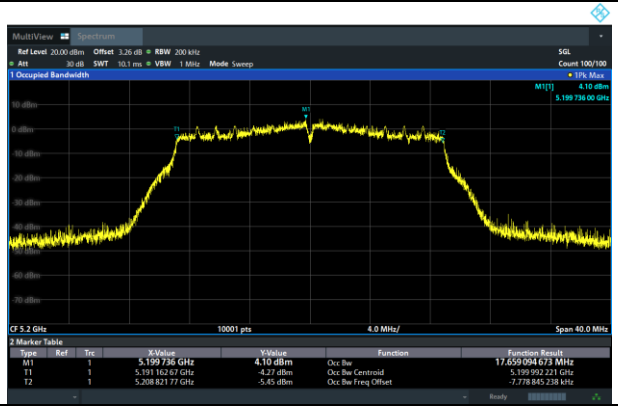
	
11n (HT20) CH48_26dB bandwidth	**11n (HT20) CH48_99% bandwidth**
	

11n (HT40) CH38_26dB bandwidth	11n (HT40) CH38_99% bandwidth
	
11n (HT40) CH46_26dB bandwidth	**11n (HT40) CH46_99% bandwidth**
	
11ac (HT20) CH36_26dB bandwidth	**11ac (HT20) CH36_99% bandwidth**
	

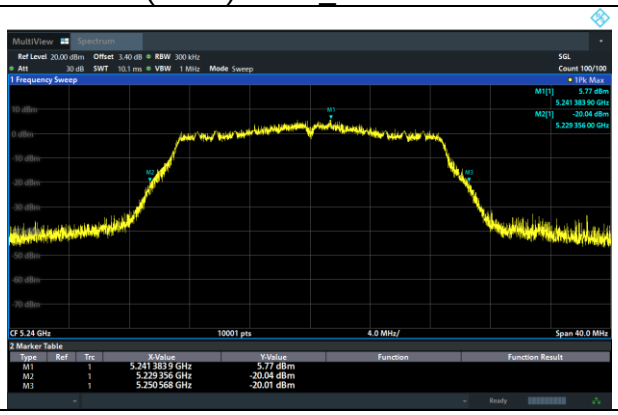
11ac (HT20) CH40_26dB bandwidth



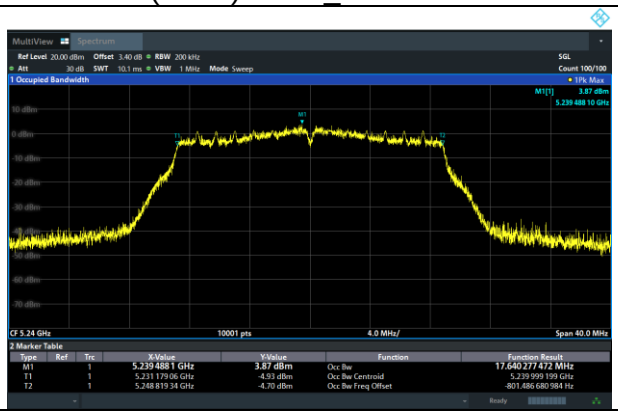
11ac (HT20) CH40_99% bandwidth



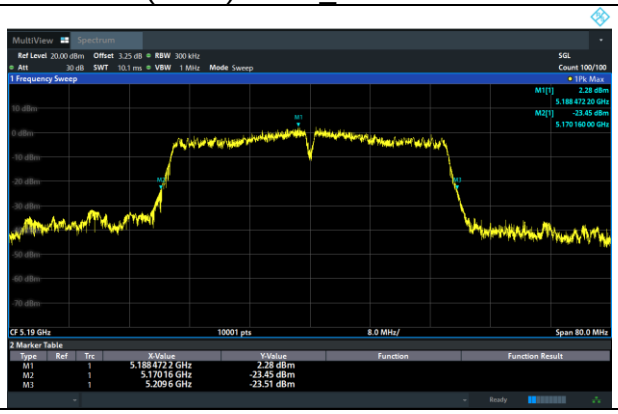
11ac (HT20) CH48_26dB bandwidth



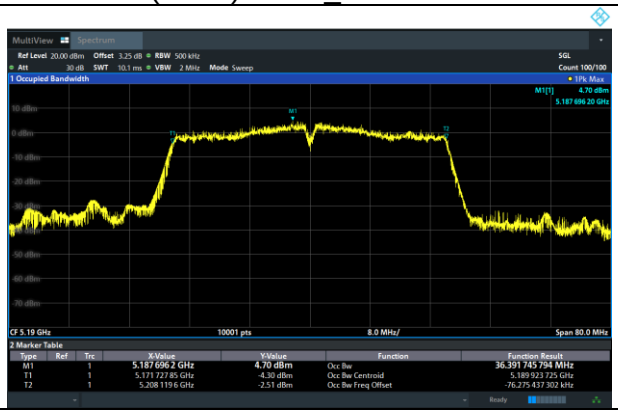
11ac (HT20) CH48_99% bandwidth

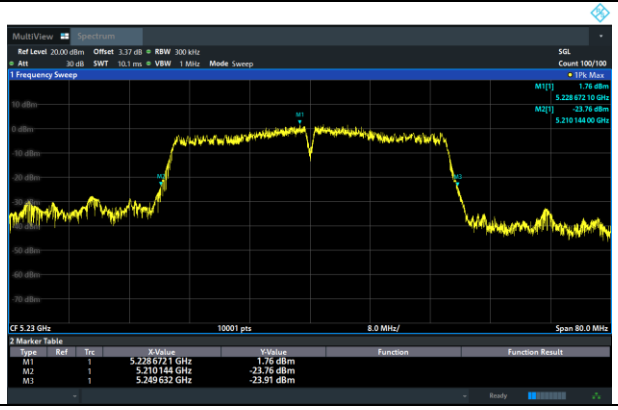
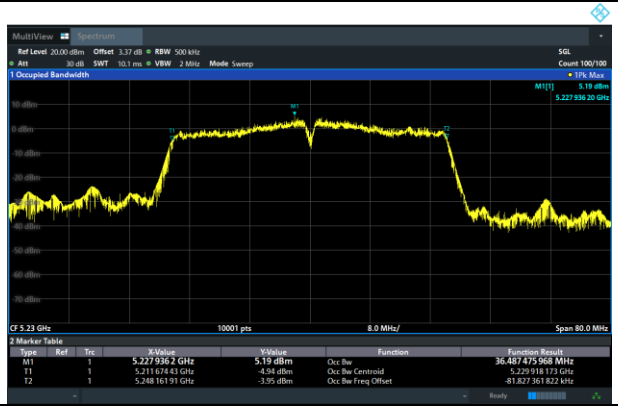
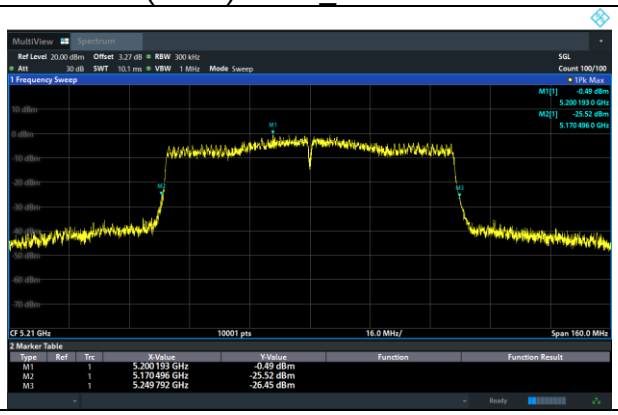
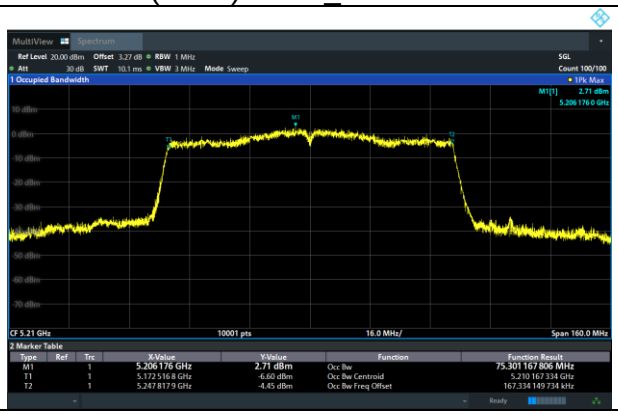


11ac (HT40) CH38_26dB bandwidth



11ac (HT40) CH38_99% bandwidth



11ac (HT40) CH46_26dB bandwidth	111ac (HT40) CH46_99% bandwidth
	
11ac (HT80) CH42_26dB bandwidth	**11ac (HT80) CH42_99% bandwidth**
	

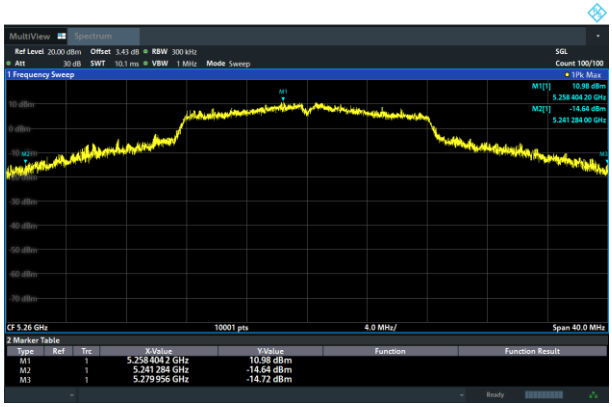
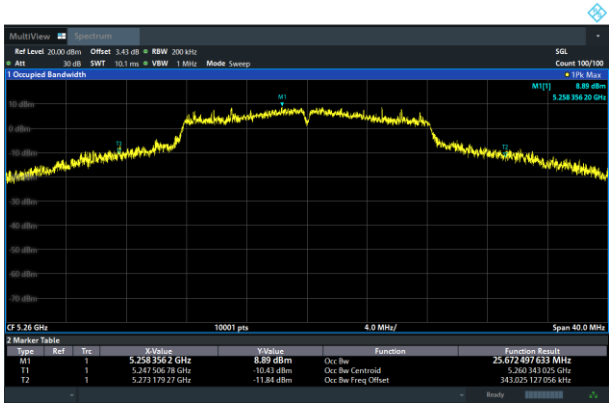
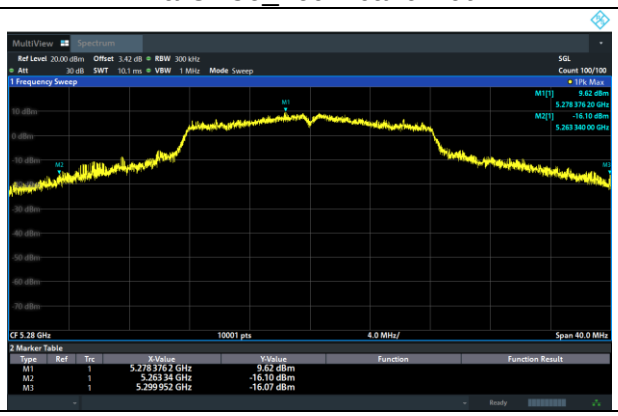
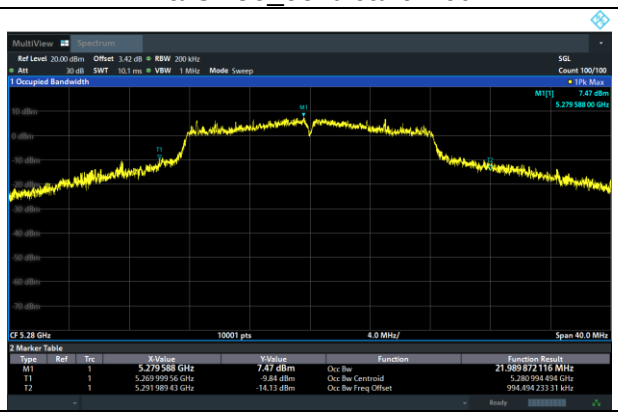
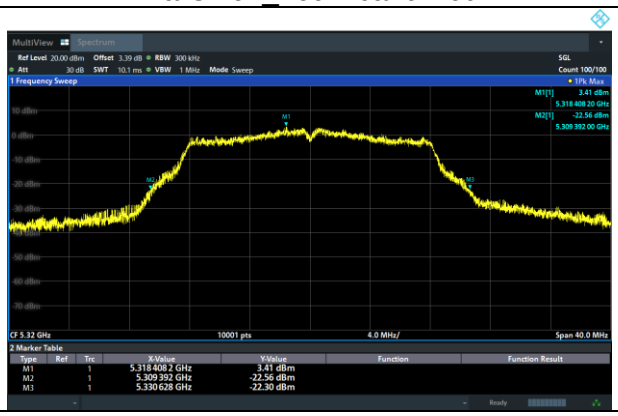
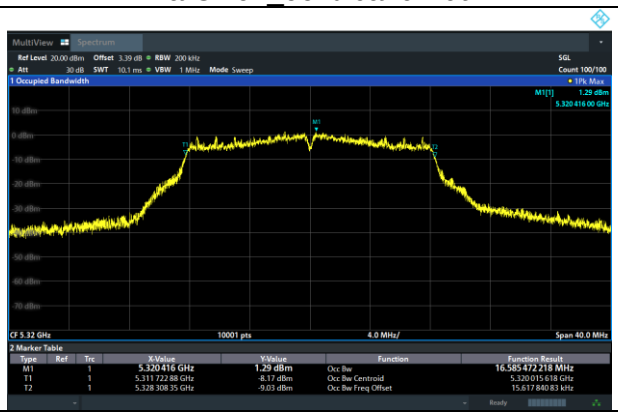
U-NII-2A

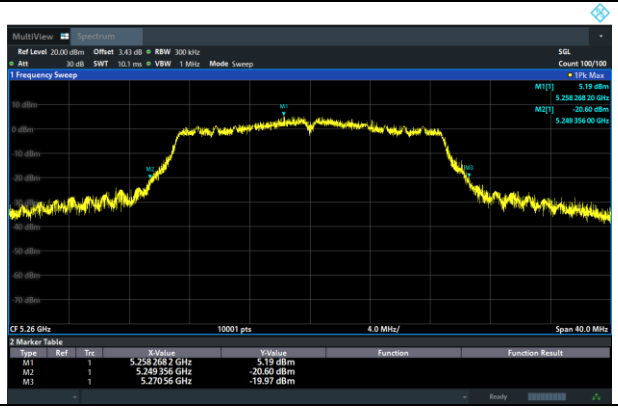
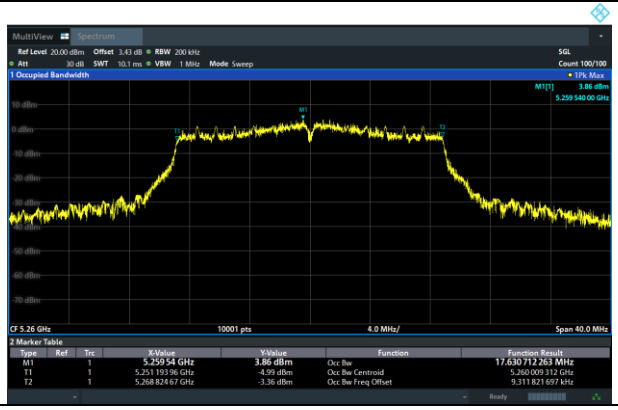
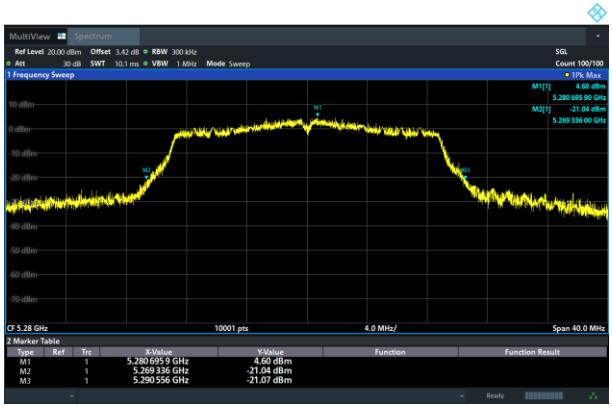
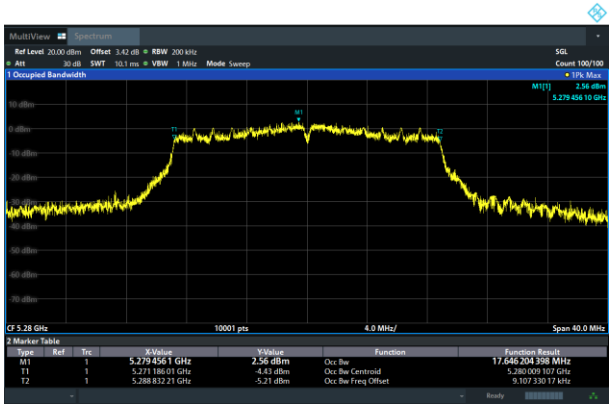
Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11a	CH52	5260	38.672	500	25.672	/	Pass
11a	CH56	5280	36.612	500	21.99	/	Pass
11a	CH64	5320	21.236	500	16.585	/	Pass
11n (HT20)	CH52	5260	21.204	500	17.631	/	Pass
11n (HT20)	CH56	5280	21.22	500	17.646	/	Pass
11n (HT20)	CH64	5320	21.264	500	17.646	/	Pass
11n (HT40)	CH54	5270	42.904	500	36.675	/	Pass
11n (HT40)	CH62	5310	51.712	500	36.888	/	Pass

Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11ac (HT20)	CH52	5260	21.552	500	17.69	/	Pass
11ac (HT20)	CH56	5280	21.34	500	17.69	/	Pass
11ac (HT20)	CH64	5320	26.584	500	17.848	/	Pass
11ac (HT40)	CH54	5270	39.448	500	36.509	/	Pass
11ac (HT40)	CH62	5310	51.608	500	36.844	/	Pass
11ac (HT80)	CH58	5290	79.072	500	75.449	/	Pass

Test plots:

U-NII-2A

11a CH52_26dB bandwidth	11a CH52_99% bandwidth
	
11a CH56_26dB bandwidth	**11a CH56_99% bandwidth**
	
11a CH64_26dB bandwidth	**11a CH64_99% bandwidth**
	

11n (HT20) CH52_26dB bandwidth	11n (HT20) CH52_99% bandwidth
	
11n (HT20) CH56_26dB bandwidth	**11n (HT20) CH56_99% bandwidth**
	
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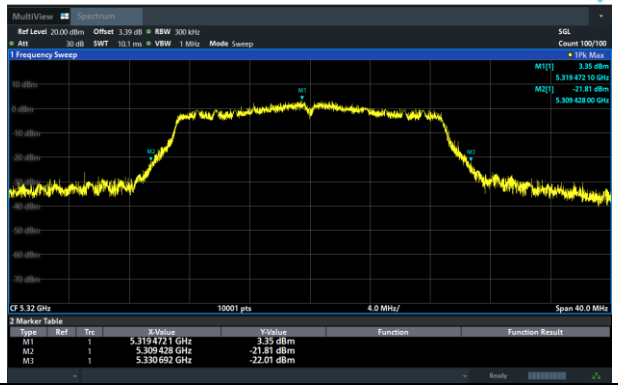
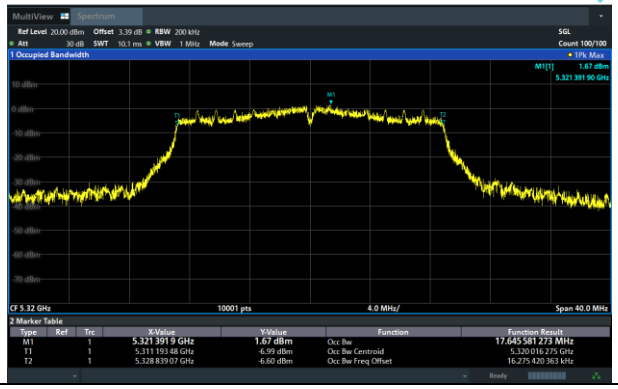
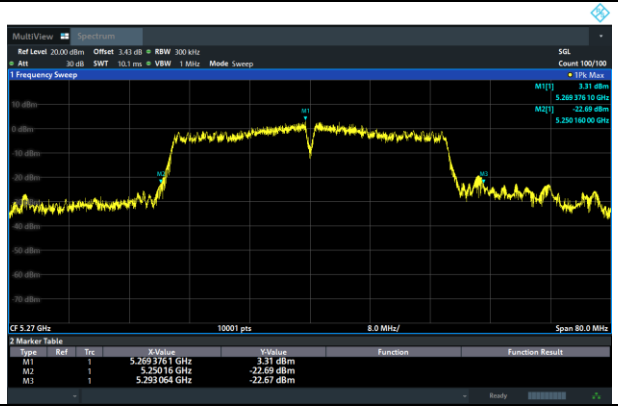
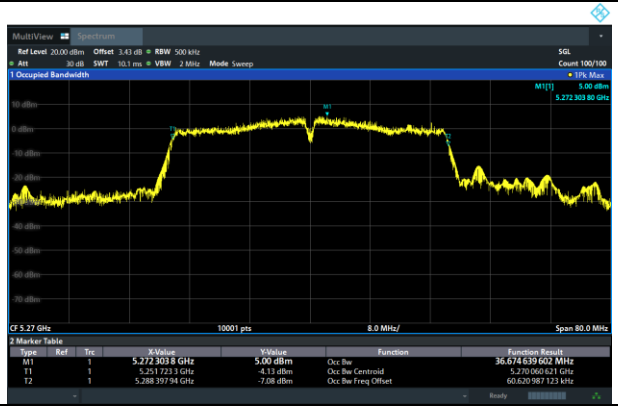
	

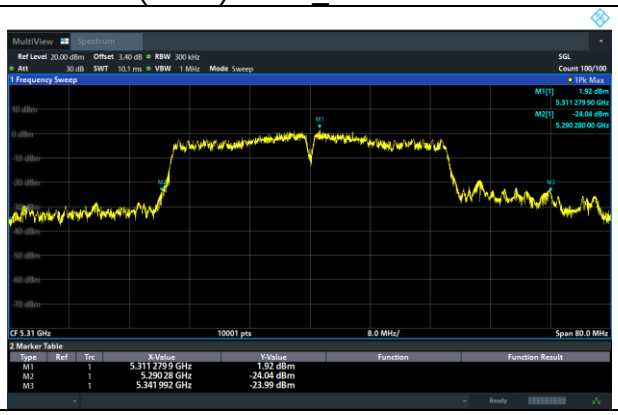
11n (HT40) CH54_26dB bandwidth



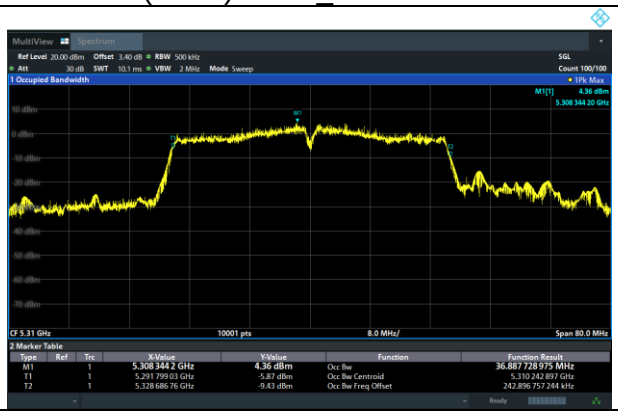
11n (HT40) CH54_99% bandwidth



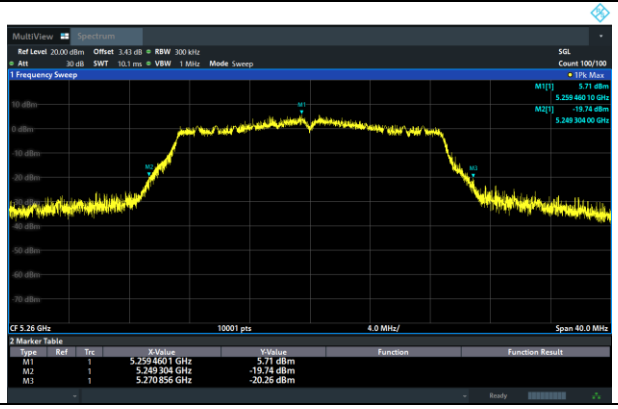
11n (HT40) CH62_26dB bandwidth



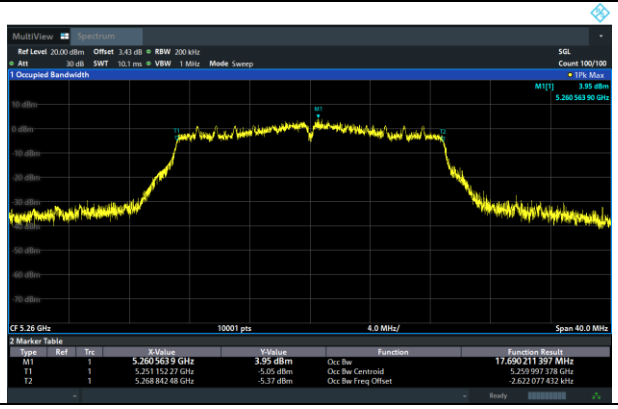
11n (HT40) CH62_99% bandwidth

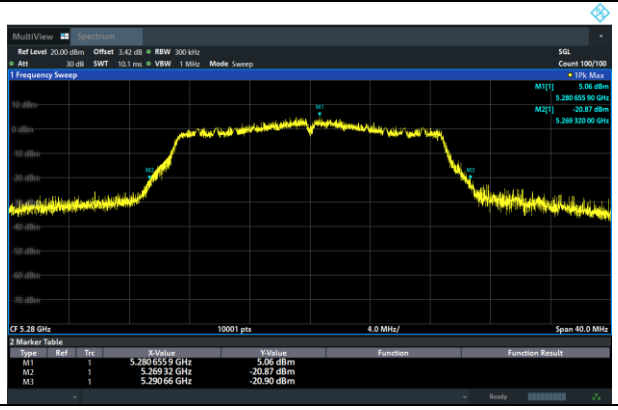
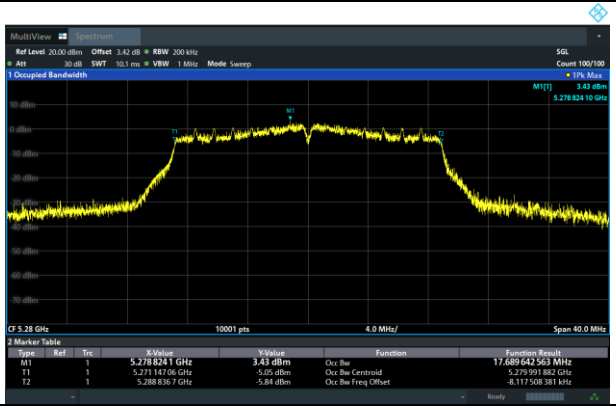
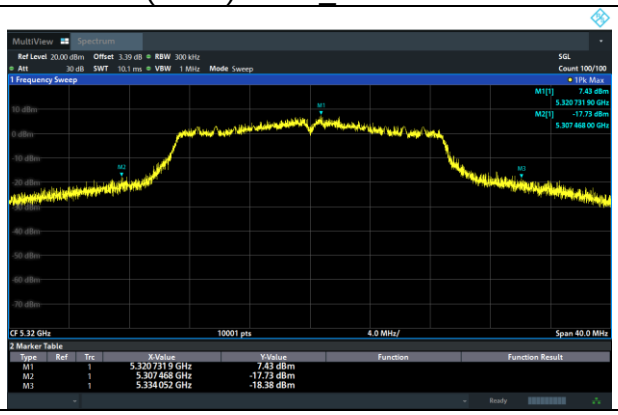
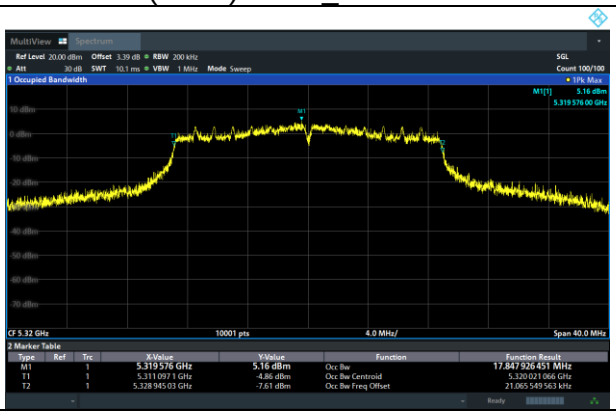
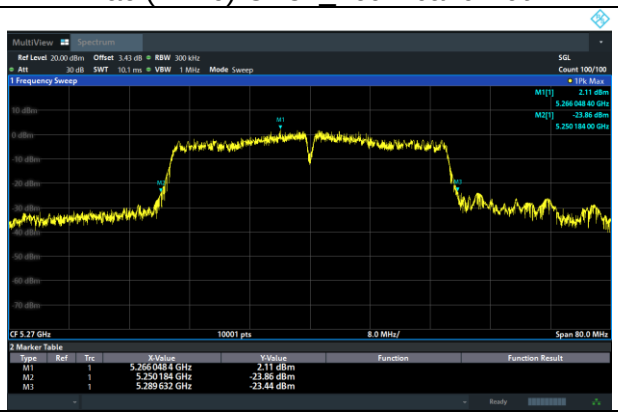
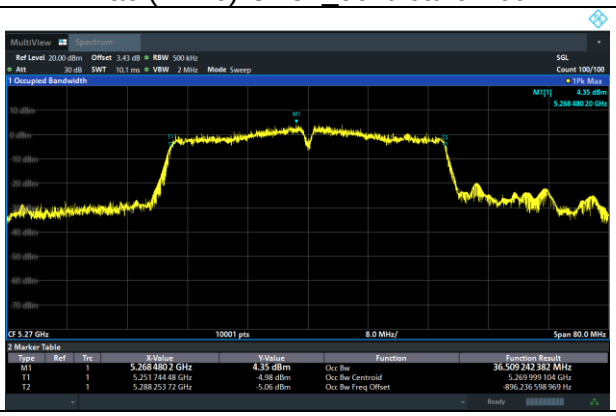


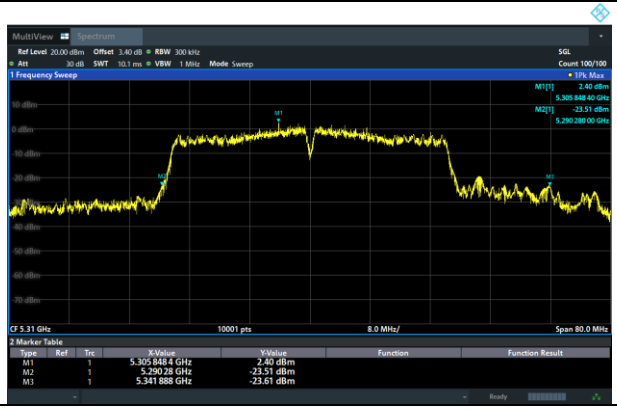
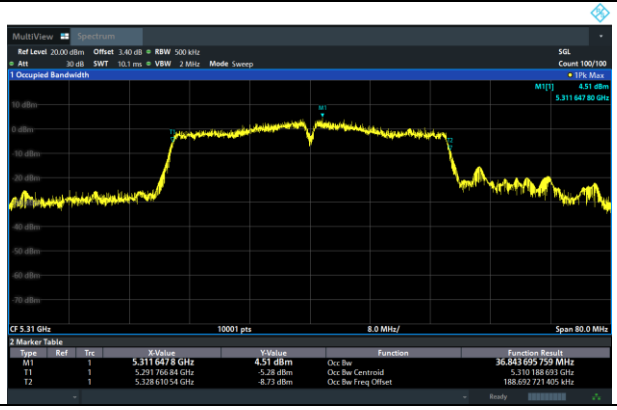
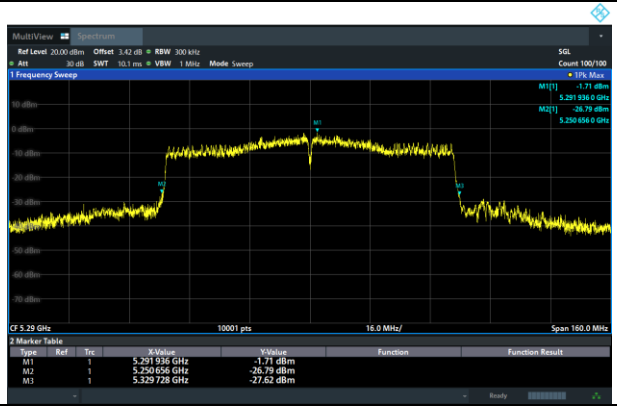
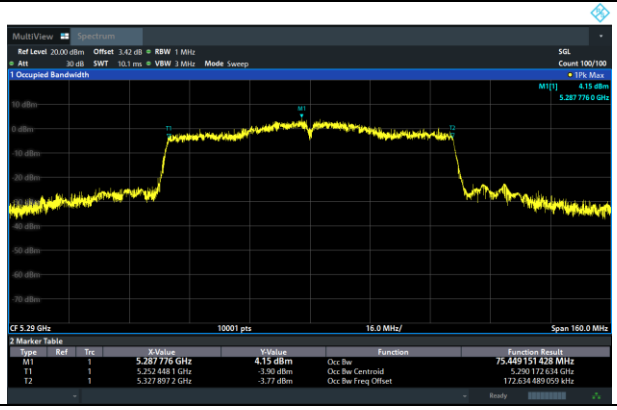
11ac (HT20) CH52_26dB bandwidth



11ac (HT20) CH52_99% bandwidth



11ac (HT20) CH56_26dB bandwidth	11ac (HT20) CH56_99% bandwidth
	
11ac (HT20) CH64_26dB bandwidth	11ac (HT20) CH64_99% bandwidth
	
11ac (HT40) CH54_26dB bandwidth	11ac (HT40) CH54_99% bandwidth
	

11ac (HT40) CH62_26dB bandwidth	111ac (HT40) CH62_99% bandwidth
	
11ac (HT80) CH58_26dB bandwidth	**11ac (HT80) CH58_99% bandwidth**
	

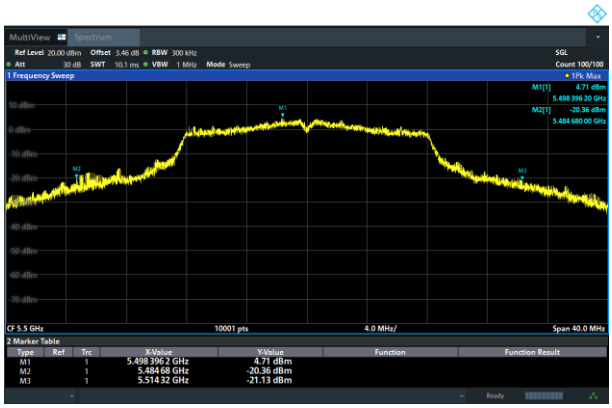
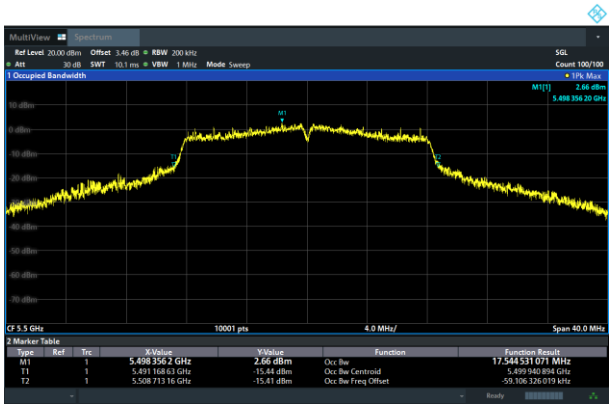
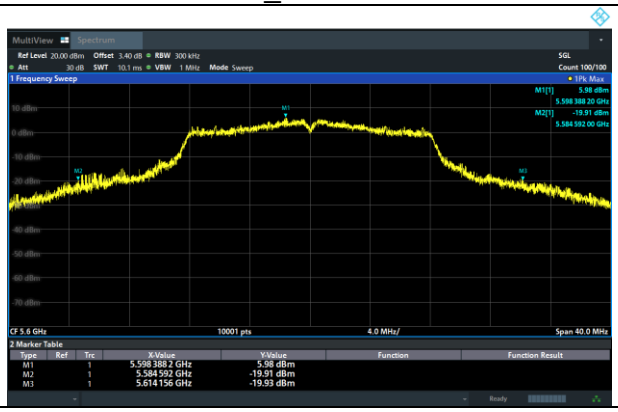
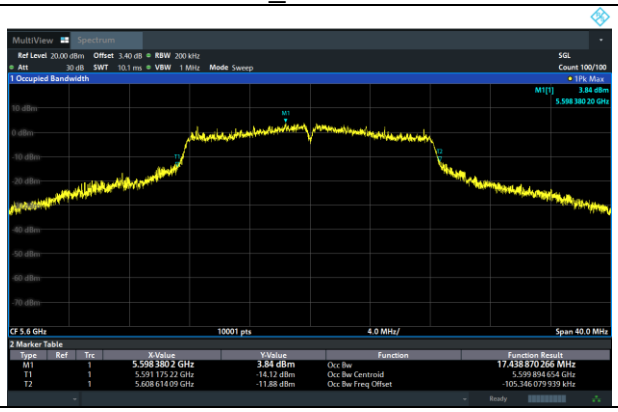
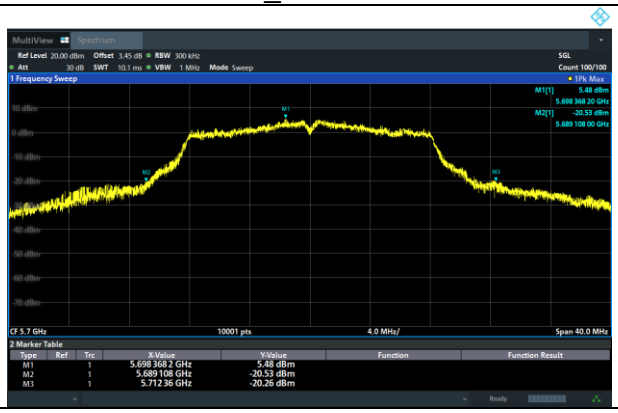
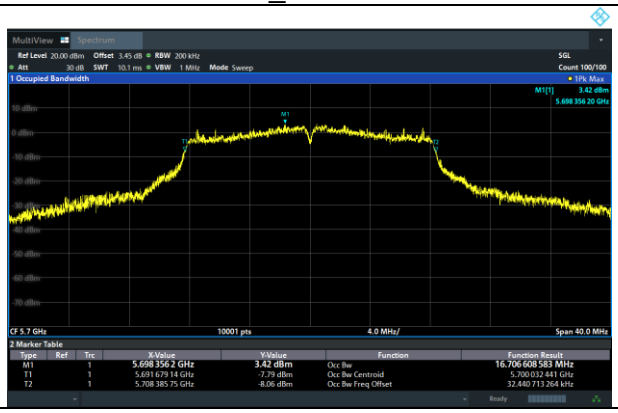
U-NII-2C

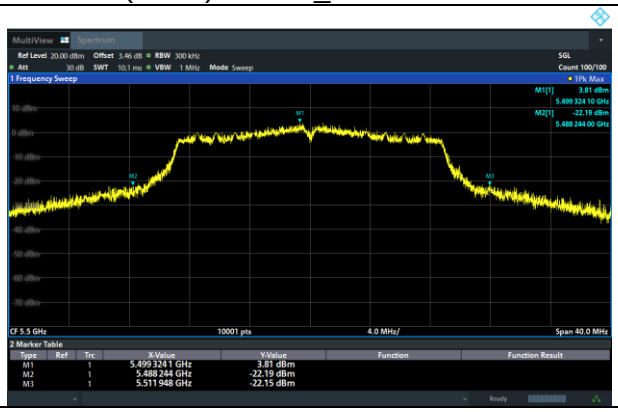
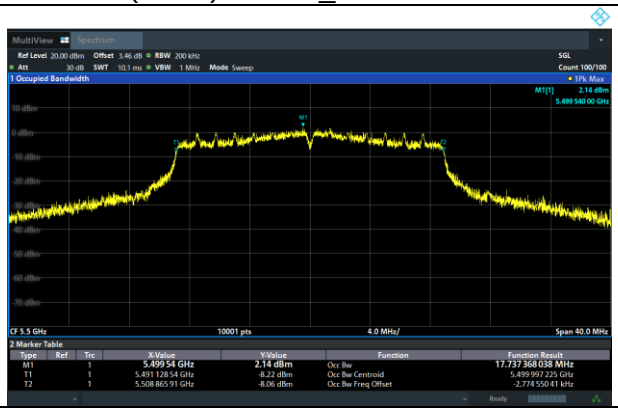
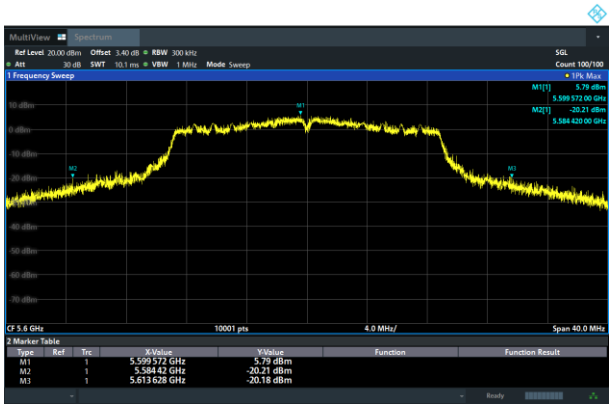
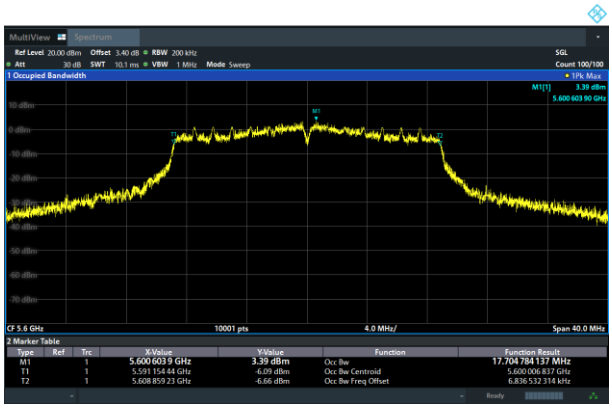
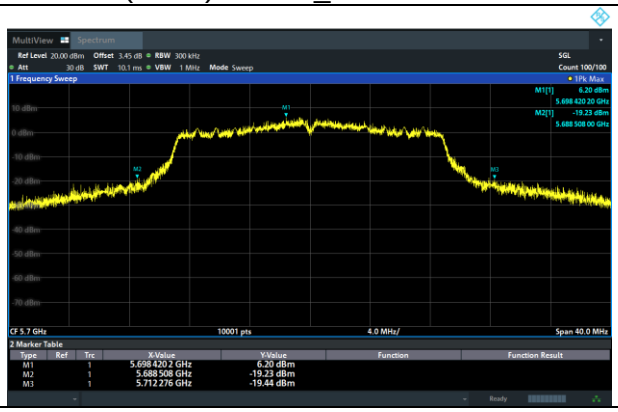
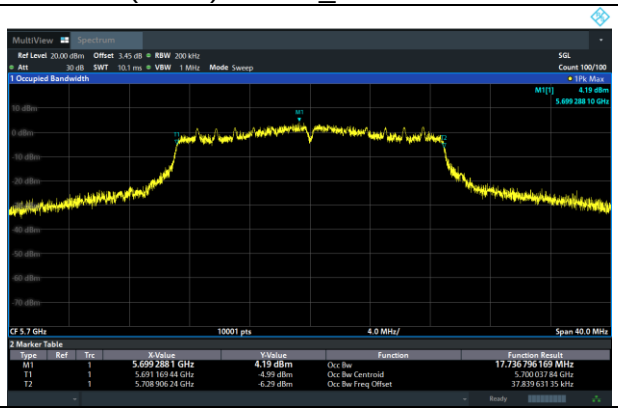
Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11a	CH100	5500	29.64	500	17.545	/	Pass
11a	CH120	5600	29.564	500	17.439	/	Pass
11a	CH140	5700	23.252	500	16.707	/	Pass
11n (HT20)	CH100	5500	23.704	500	17.737	/	Pass
11n (HT20)	CH120	5600	29.208	500	17.705	/	Pass
11n (HT20)	CH140	5700	23.768	500	17.737	/	Pass
11n (HT40)	CH102	5510	56.208	500	36.973	/	Pass
11n (HT40)	CH110	5550	52.76	500	36.906	/	Pass
11n (HT40)	CH134	5670	53.64	500	36.686	/	Pass

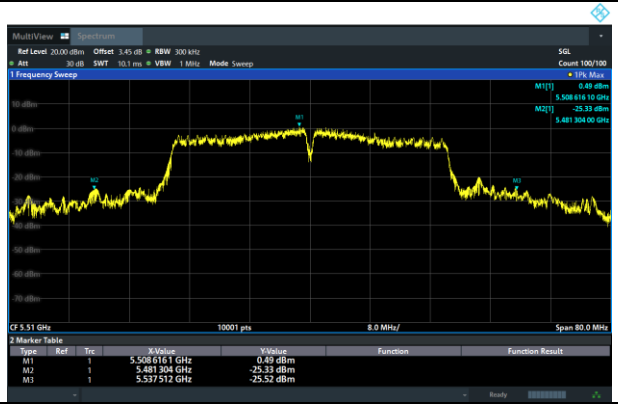
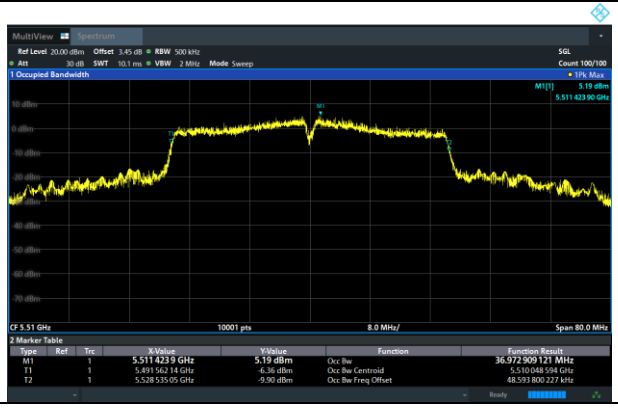
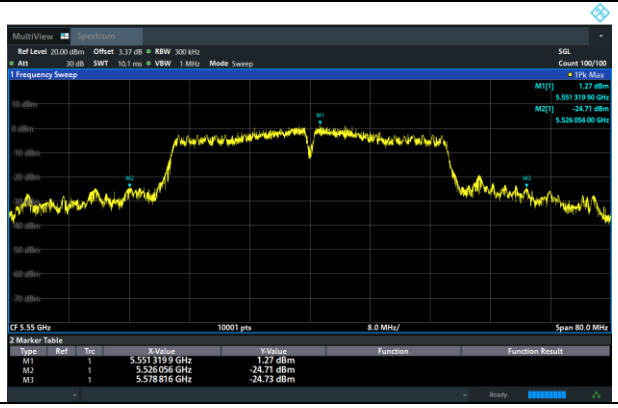
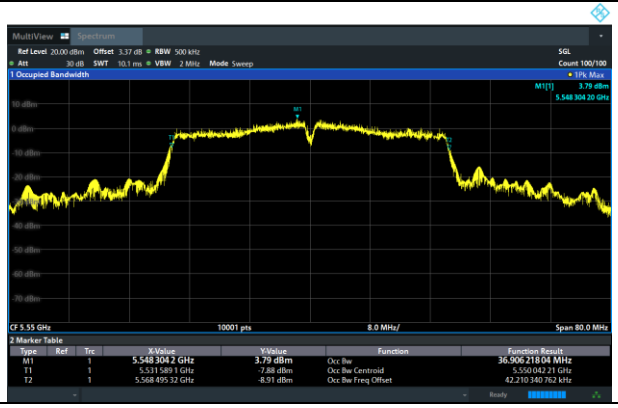
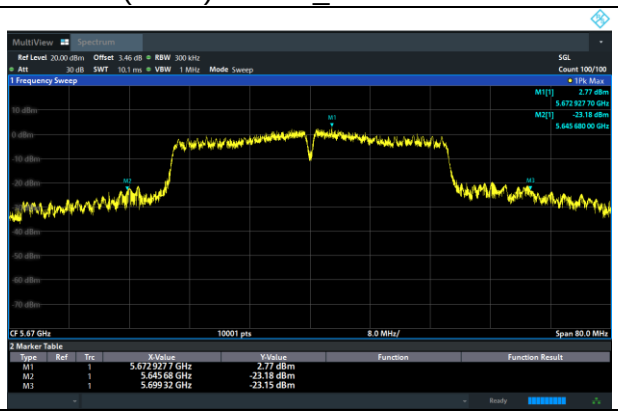
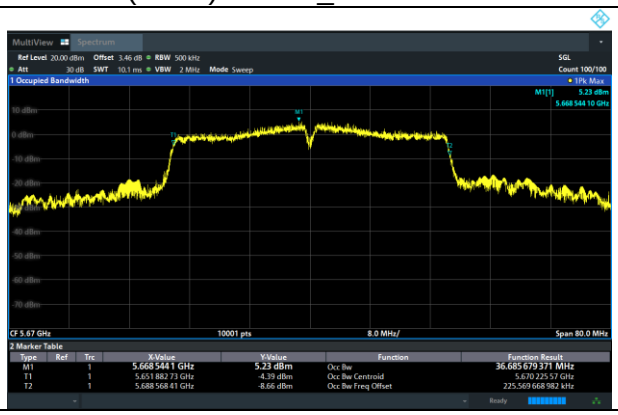
Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11ac(HT20)	CH100	5500	25.152	500	17.755	/	Pass
11ac (HT20)	CH120	5600	21.776	500	17.699	/	Pass
11ac (HT20)	CH140	5700	22.956	500	17.753	/	Pass
11ac (HT40)	CH102	5510	57.416	500	36.979	/	Pass
11ac (HT40)	CH110	5550	75.176	500	38.504	/	Pass
11ac (HT40)	CH134	5670	68.992	500	42.664	/	Pass
11ac (HT80)	CH106	5530	119.408	500	76.303	/	Pass
11ac (HT80)	CH122	5610	80.272	500	75.756	/	Pass

Test plots:

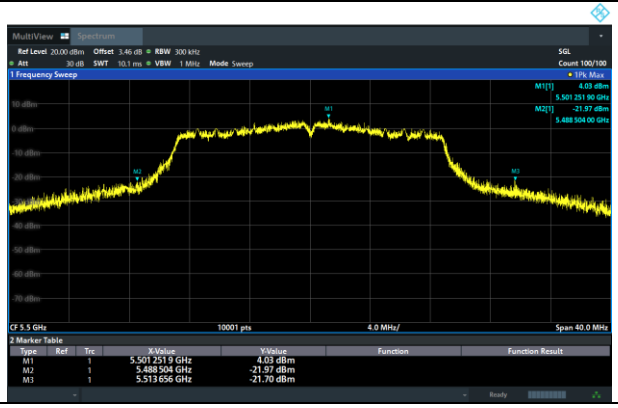
U-NII-2C

11a CH100_26dB bandwidth	11a CH100_99% bandwidth
	
11a CH120_26dB bandwidth	**11a CH120_99% bandwidth**
	
11a CH140_26dB bandwidth	**11a CH140_99% bandwidth**
	

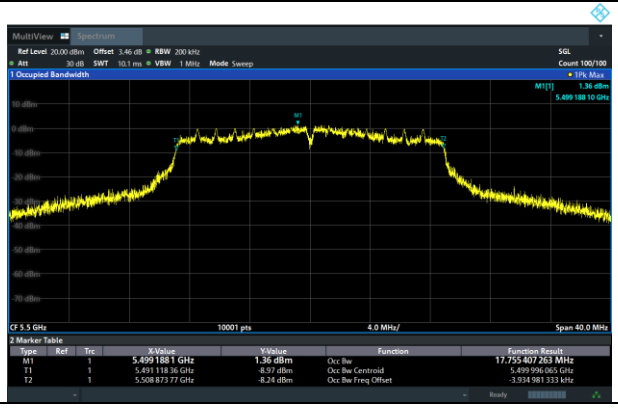
11n (HT20) CH100_26dB bandwidth	11n (HT20) CH100_99% bandwidth
	
11n (HT20) CH120_26dB bandwidth	**11n (HT20) CH120_99% bandwidth**
	
11n (HT20) CH140_26dB bandwidth	**11n (HT20) CH140_99% bandwidth**
	

11n (HT40) CH102_26dB bandwidth	11n (HT40) CH102_99% bandwidth
	
11n (HT40) CH110_26dB bandwidth	11n (HT40) CH110_99% bandwidth
	
11n (HT40) CH134_26dB bandwidth	11n (HT40) CH134_99% bandwidth
	

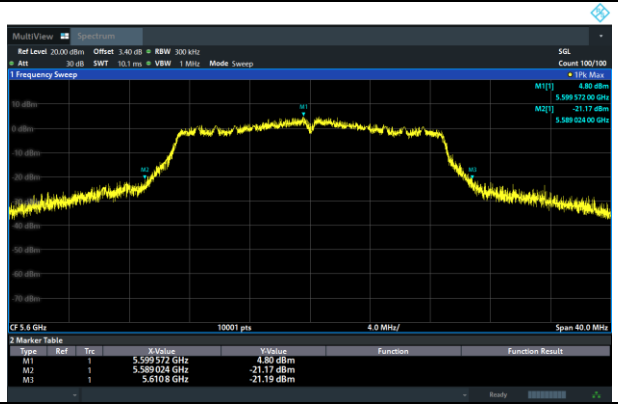
11ac (HT20) CH100_26dB bandwidth



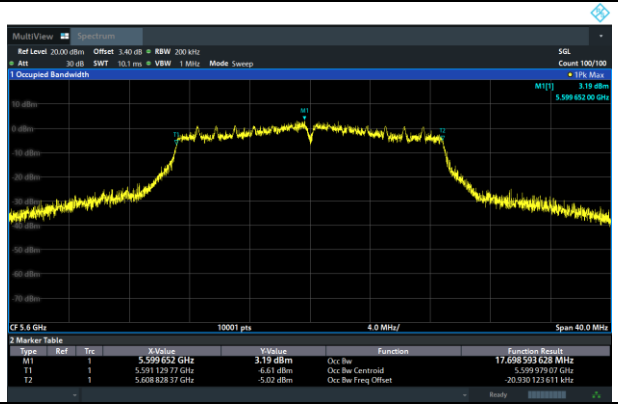
11ac (HT20) CH100_99% bandwidth



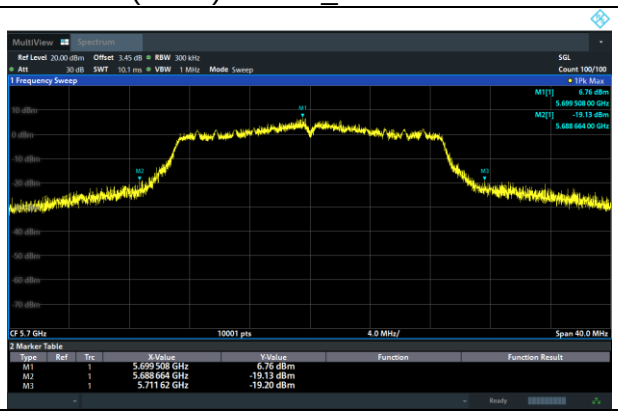
11ac (HT20) CH120_26dB bandwidth



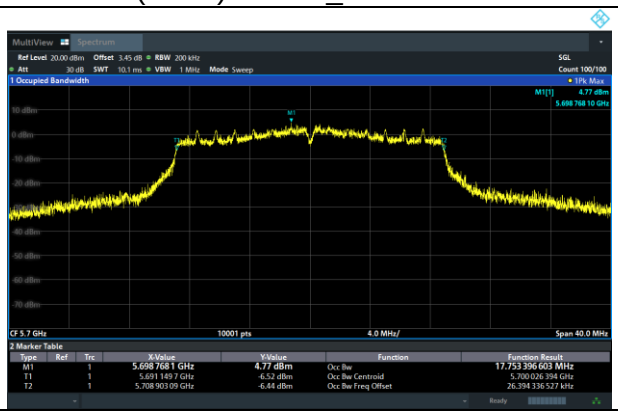
11ac (HT20) CH120_99% bandwidth

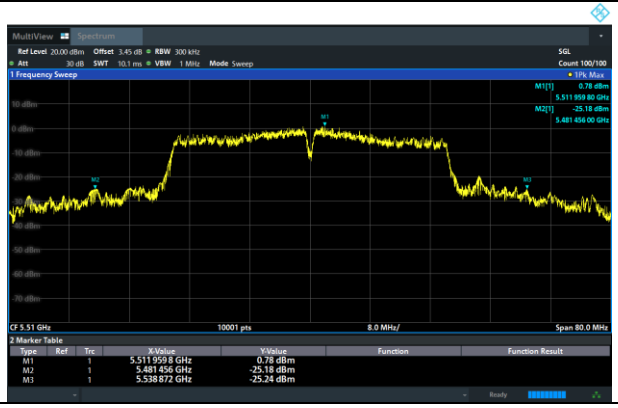
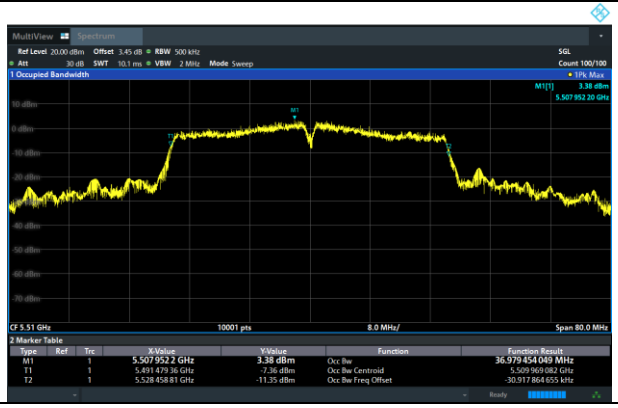
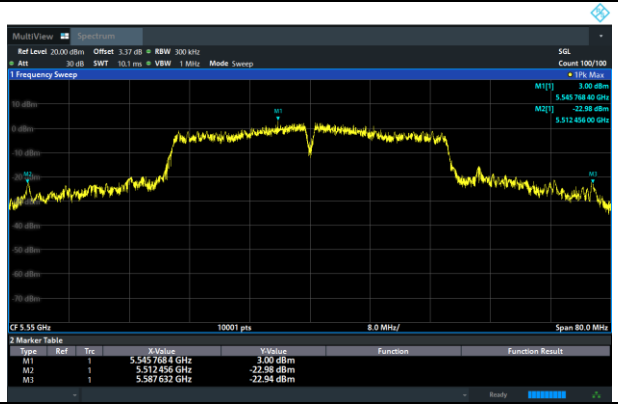
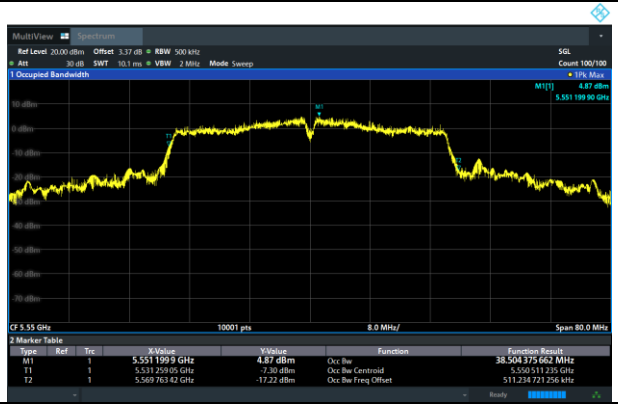
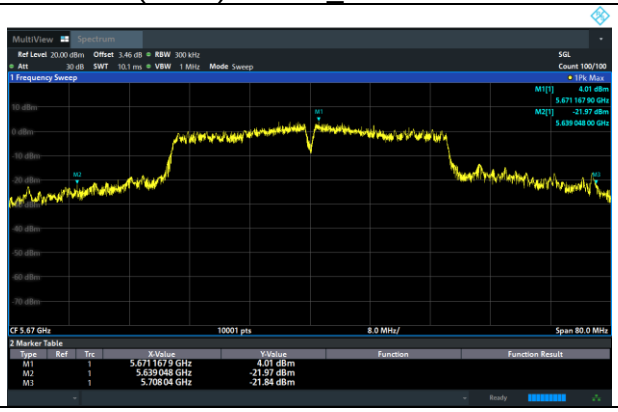
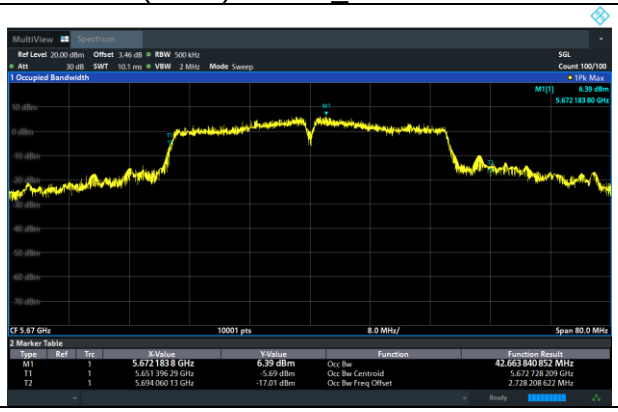


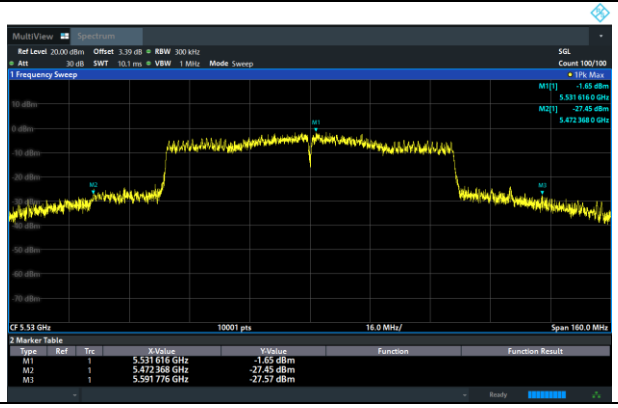
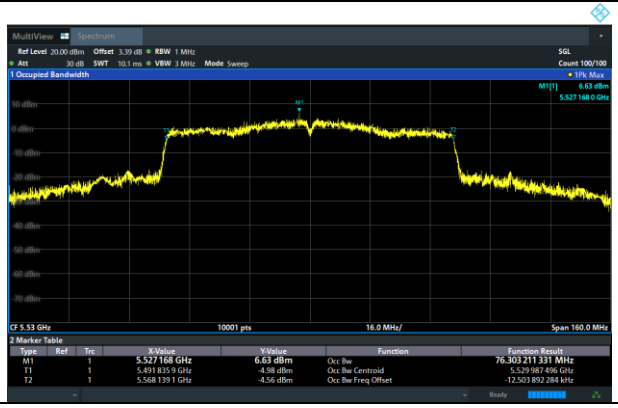
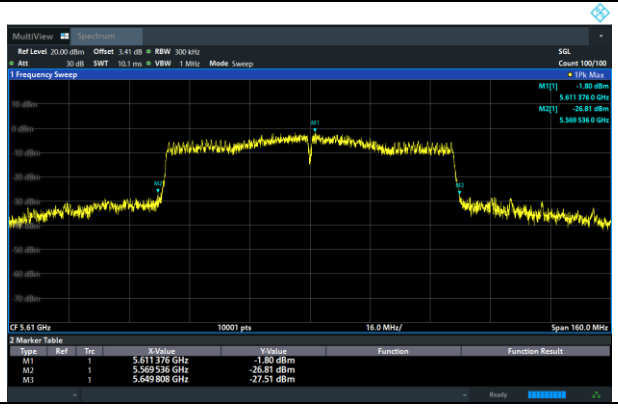
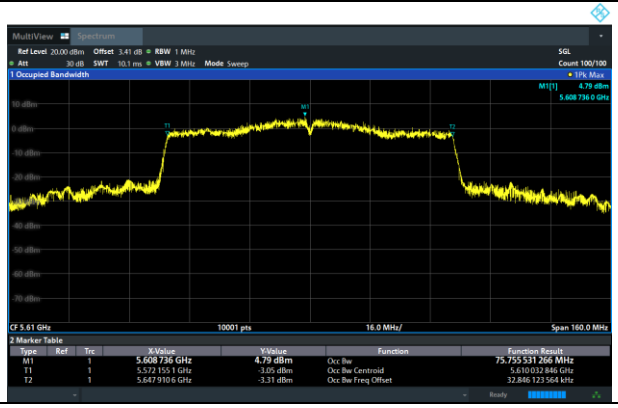
11ac (HT20) CH140_26dB bandwidth



11ac (HT20) CH140_99% bandwidth



11ac (HT40) CH102_26dB bandwidth	11ac (HT40) CH102_99% bandwidth
	
11ac (HT40) CH110_26dB bandwidth	11ac (HT40) CH110_99% bandwidth
	
11ac (HT40) CH134_26dB bandwidth	11ac (HT40) CH134_99% bandwidth
	

11ac (HT80) CH106_26dB bandwidth	11ac (HT80) CH106_99% bandwidth
	
11ac (HT80) CH122_26dB bandwidth	11ac (HT80) CH122_99% bandwidth
	

5.7 6 dB Bandwidth

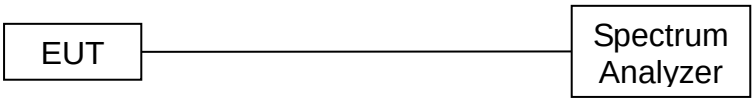
5.7.1 Limit

(e) Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.7.2 Test Procedure

1. Set RBW= 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 x RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

5.7.3 Test Setup



5.7.4 Test Results