

## 8.4. TEST RESULTS

<b>Environmental Conditions</b>	23.5°C/48%RH	<b>Test Voltage</b>	DC 3.8V
<b>Tested By</b>	Lu Wei	<b>Tested Date</b>	2022-3-24

## 6DB BANDWIDTH

Test Mode	Antenna	Frequency [MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.11a	Ant1	5745	16.320	5736.880	5753.200	≥0.5	PASS
	Ant2	5745	16.320	5736.880	5753.200	≥0.5	PASS
	Ant1	5785	16.280	5776.880	5793.160	≥0.5	PASS
	Ant2	5785	16.280	5776.880	5793.160	≥0.5	PASS
	Ant1	5825	16.320	5816.880	5833.200	≥0.5	PASS
	Ant2	5825	16.280	5816.880	5833.160	≥0.5	PASS
802.11n HT20	Ant1	5745	17.560	5736.240	5753.800	≥0.5	PASS
	Ant2	5745	17.560	5736.240	5753.800	≥0.5	PASS
	Ant1	5785	17.560	5776.240	5793.800	≥0.5	PASS
	Ant2	5785	17.560	5776.240	5793.800	≥0.5	PASS
	Ant1	5825	17.560	5816.240	5833.800	≥0.5	PASS
	Ant2	5825	17.560	5816.240	5833.800	≥0.5	PASS
802.11n HT40	Ant1	5755	36.320	5736.840	5773.160	≥0.5	PASS
	Ant2	5755	36.320	5736.840	5773.160	≥0.5	PASS
	Ant1	5795	36.320	5776.840	5813.160	≥0.5	PASS
	Ant2	5795	36.320	5776.840	5813.160	≥0.5	PASS
802.11ac VHT20	Ant1	5745	17.560	5736.240	5753.800	≥0.5	PASS
	Ant2	5745	17.560	5736.240	5753.800	≥0.5	PASS
	Ant1	5785	17.560	5776.240	5793.800	≥0.5	PASS
	Ant2	5785	17.560	5776.240	5793.800	≥0.5	PASS
	Ant1	5825	17.600	5816.200	5833.800	≥0.5	PASS
	Ant2	5825	17.560	5816.240	5833.800	≥0.5	PASS
802.11ac VHT40	Ant1	5755	36.400	5736.840	5773.240	≥0.5	PASS
	Ant2	5755	36.320	5736.840	5773.160	≥0.5	PASS
	Ant1	5795	36.320	5776.840	5813.160	≥0.5	PASS
	Ant2	5795	36.320	5776.840	5813.160	≥0.5	PASS
802.11ac VHT80	Ant1	5775	76.480	5736.760	5813.240	≥0.5	PASS
	Ant2	5775	76.480	5736.760	5813.240	≥0.5	PASS

**26DB BANDWIDTH**

Test Mode	Antenna	Frequency [MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.11a	Ant1	5180	21.280	5169.360	5190.640	---	PASS
	Ant2	5180	21.400	5169.280	5190.680	---	PASS
	Ant1	5200	21.360	5189.360	5210.720	---	PASS
	Ant2	5200	21.160	5189.400	5210.560	---	PASS
	Ant1	5240	21.280	5229.400	5250.680	---	PASS
	Ant2	5240	21.200	5229.440	5250.640	---	PASS
802.11n HT20	Ant1	5180	21.480	5169.280	5190.760	---	PASS
	Ant2	5180	21.400	5169.320	5190.720	---	PASS
	Ant1	5200	21.560	5189.160	5210.720	---	PASS
	Ant2	5200	21.600	5189.240	5210.840	---	PASS
	Ant1	5240	21.600	5229.240	5250.840	---	PASS
	Ant2	5240	21.600	5229.160	5250.760	---	PASS
802.11n HT40	Ant1	5190	40.160	5169.840	5210.000	---	PASS
	Ant2	5190	39.760	5170.160	5209.920	---	PASS
	Ant1	5230	39.920	5210.000	5249.920	---	PASS
	Ant2	5230	39.680	5210.160	5249.840	---	PASS
802.11ac VHT20	Ant1	5180	21.280	5169.360	5190.640	---	PASS
	Ant2	5180	21.360	5169.240	5190.600	---	PASS
	Ant1	5200	21.400	5189.400	5210.800	---	PASS
	Ant2	5200	21.400	5189.240	5210.640	---	PASS
	Ant1	5240	21.600	5229.200	5250.800	---	PASS
	Ant2	5240	21.360	5229.280	5250.640	---	PASS
802.11ac VHT40	Ant1	5190	40.080	5169.920	5210.000	---	PASS
	Ant2	5190	39.680	5170.240	5209.920	---	PASS
	Ant1	5230	40.320	5209.760	5250.080	---	PASS
	Ant2	5230	39.600	5210.320	5249.920	---	PASS
802.11ac VHT80	Ant1	5210	82.400	5168.880	5251.280	---	PASS
	Ant2	5210	83.520	5168.880	5252.400	---	PASS

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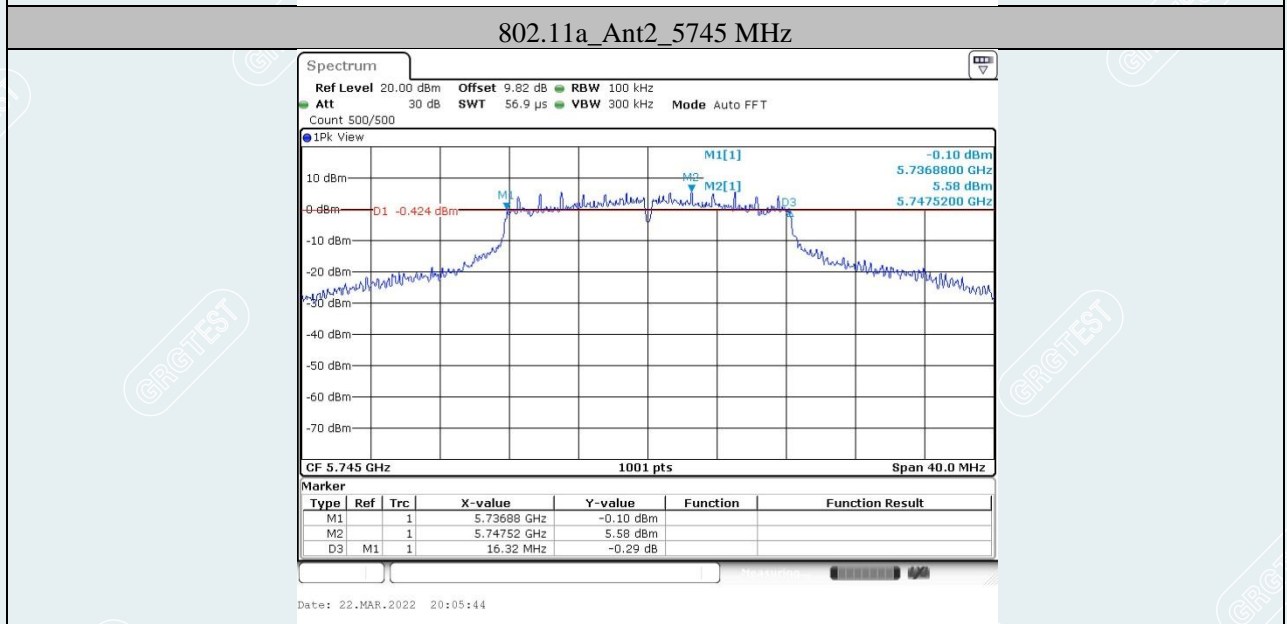
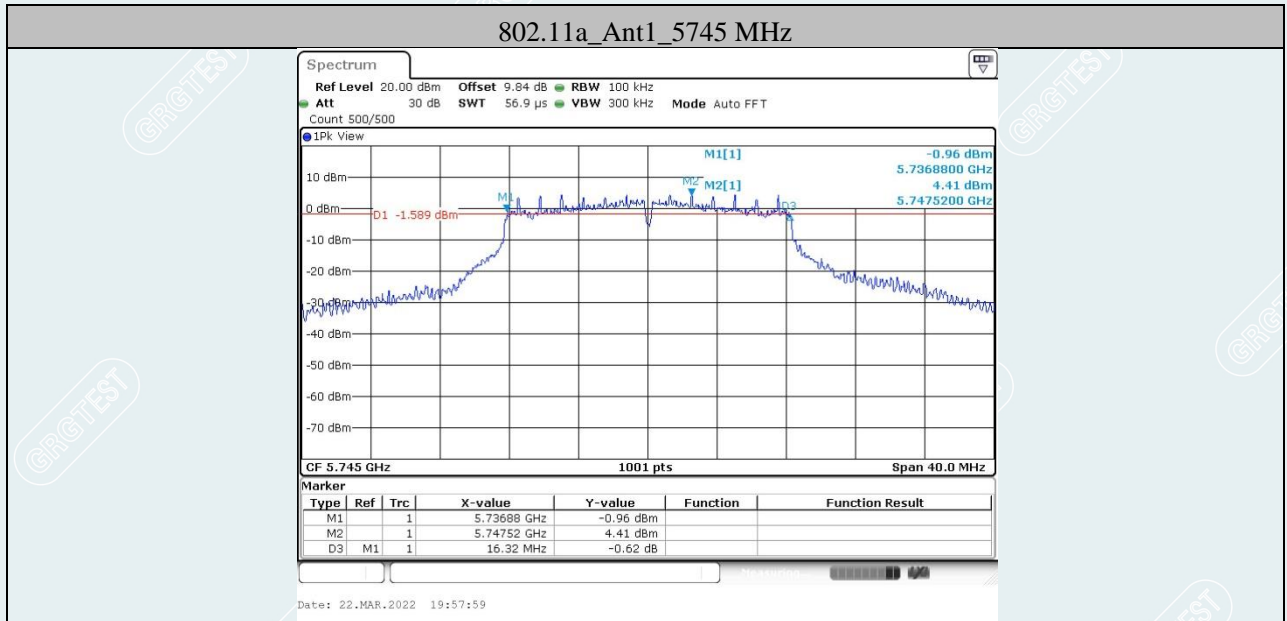
**99% OCCUPIED BANDWIDTH**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.11a	Ant1	5180	17.343	5171.289	5188.631	---	PASS
	Ant2	5180	17.423	5171.249	5188.671	---	PASS
	Ant1	5200	17.662	5191.129	5208.791	---	PASS
	Ant2	5200	17.383	5191.409	5208.791	---	PASS
	Ant1	5240	17.143	5231.369	5248.511	---	PASS
	Ant2	5240	17.463	5231.289	5248.751	---	PASS
	Ant1	5745	17.343	5736.489	5753.831	---	PASS
	Ant2	5745	17.622	5736.049	5753.671	---	PASS
	Ant1	5785	17.822	5775.929	5793.751	---	PASS
	Ant2	5785	17.662	5776.049	5793.711	---	PASS
	Ant1	5825	17.343	5816.289	5833.631	---	PASS
	Ant2	5825	17.582	5816.329	5833.911	---	PASS
802.11n HT20	Ant1	5180	18.382	5170.769	5189.151	---	PASS
	Ant2	5180	18.102	5170.969	5189.071	---	PASS
	Ant1	5200	18.262	5190.769	5209.031	---	PASS
	Ant2	5200	18.102	5190.889	5208.991	---	PASS
	Ant1	5240	18.821	5230.889	5249.710	---	PASS
	Ant2	5240	17.982	5231.009	5248.991	---	PASS
	Ant1	5745	18.741	5735.649	5754.391	---	PASS
	Ant2	5745	18.342	5735.809	5754.151	---	PASS
	Ant1	5785	18.581	5775.729	5794.311	---	PASS
	Ant2	5785	18.102	5775.929	5794.031	---	PASS
	Ant1	5825	18.701	5815.529	5834.231	---	PASS
	Ant2	5825	18.102	5816.009	5834.111	---	PASS
802.11n HT40	Ant1	5190	36.763	5171.698	5208.462	---	PASS
	Ant2	5190	36.444	5171.778	5208.222	---	PASS
	Ant1	5230	36.523	5211.698	5248.222	---	PASS
	Ant2	5230	36.523	5211.778	5248.302	---	PASS
	Ant1	5755	36.843	5736.538	5773.382	---	PASS
	Ant2	5755	36.763	5736.618	5773.382	---	PASS
	Ant1	5795	36.683	5776.698	5813.382	---	PASS
	Ant2	5795	36.683	5776.698	5813.382	---	PASS
802.11ac VHT20	Ant1	5180	18.422	5170.809	5189.231	---	PASS
	Ant2	5180	18.062	5171.009	5189.071	---	PASS
	Ant1	5200	18.422	5190.689	5209.111	---	PASS
	Ant2	5200	18.541	5190.809	5209.351	---	PASS
	Ant1	5240	18.422	5230.849	5249.271	---	PASS
	Ant2	5240	18.102	5231.049	5249.151	---	PASS
	Ant1	5745	18.701	5735.609	5754.311	---	PASS
	Ant2	5745	18.142	5735.969	5754.111	---	PASS
	Ant1	5785	18.701	5775.689	5794.391	---	PASS

	Ant2	5785	18.222	5775.969	5794.191	---	PASS
	Ant1	5825	18.462	5815.769	5834.231	---	PASS
	Ant2	5825	18.182	5816.009	5834.191	---	PASS
802.11ac VHT40	Ant1	5190	36.763	5171.618	5208.382	---	PASS
	Ant2	5190	36.523	5171.778	5208.302	---	PASS
	Ant1	5230	36.364	5211.858	5248.222	---	PASS
	Ant2	5230	36.603	5211.698	5248.302	---	PASS
	Ant1	5755	36.923	5736.538	5773.462	---	PASS
	Ant2	5755	36.763	5736.618	5773.382	---	PASS
	Ant1	5795	36.603	5776.698	5813.302	---	PASS
	Ant2	5795	36.603	5776.618	5813.222	---	PASS
802.11ac VHT80	Ant1	5210	76.723	5171.638	5248.362	---	PASS
	Ant2	5210	76.563	5171.798	5248.362	---	PASS
	Ant1	5775	76.404	5736.638	5813.042	---	PASS
	Ant2	5775	76.723	5736.638	5813.362	---	PASS

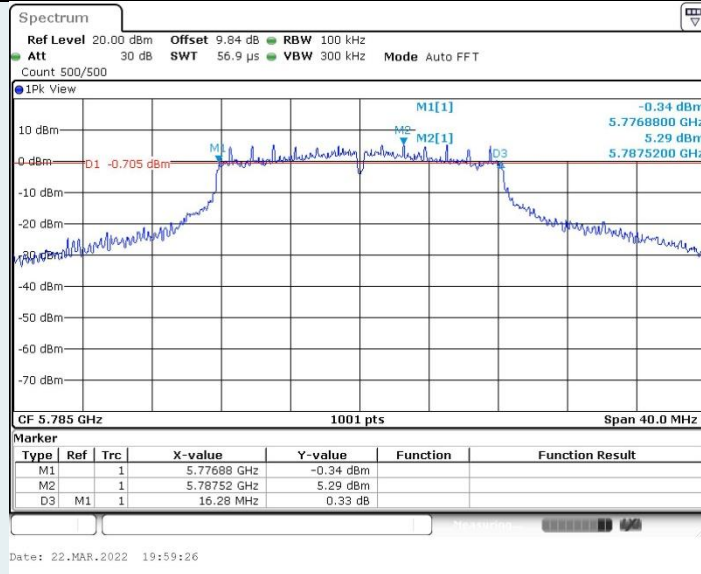
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**6DB BANDWIDTH**

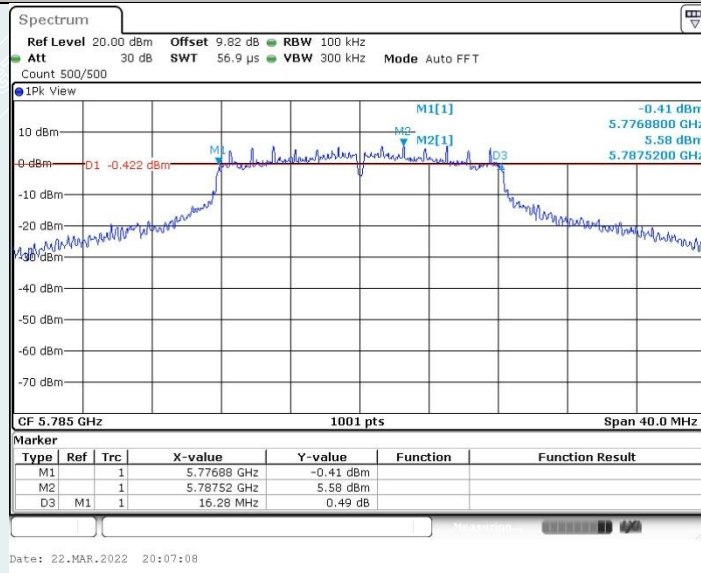


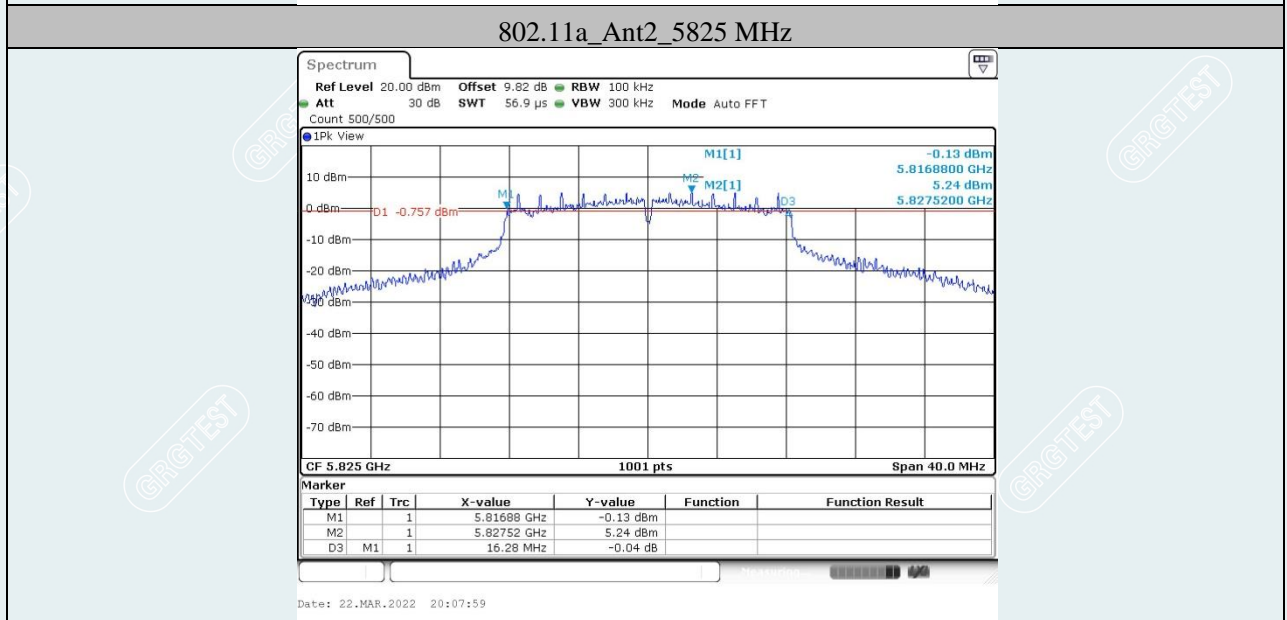
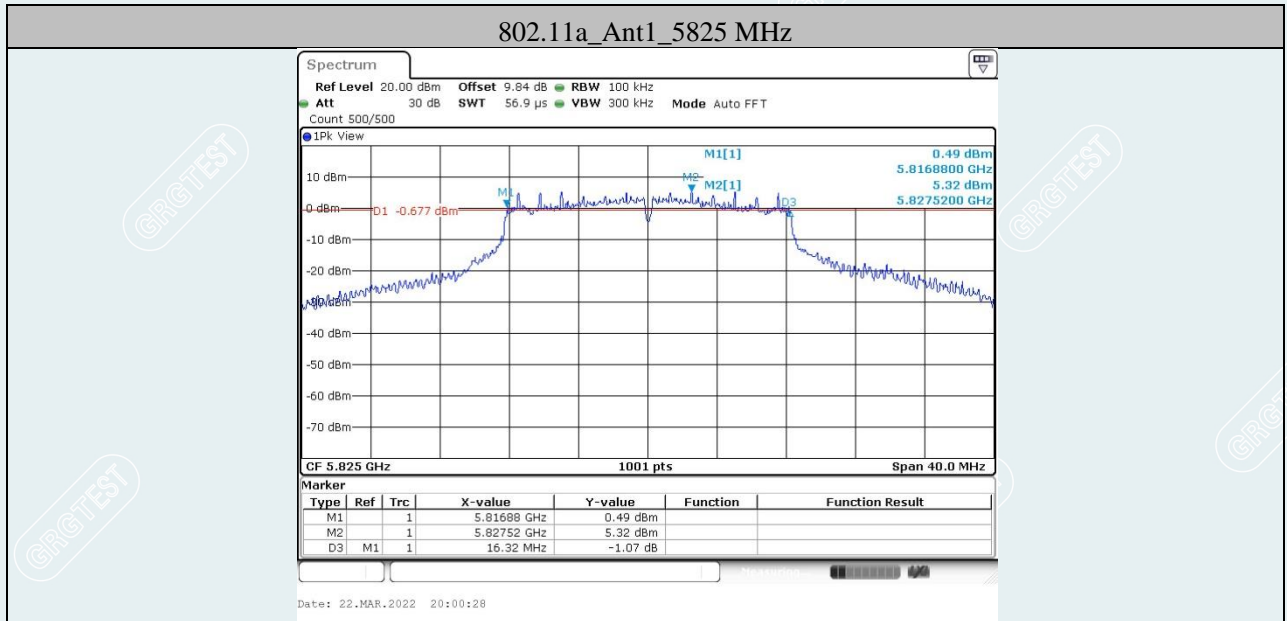


### 802.11a\_Ant1\_5785 MHz

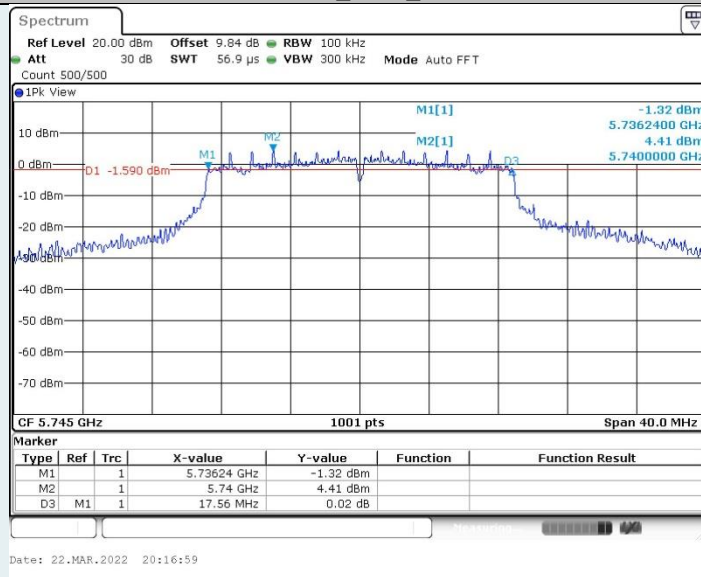


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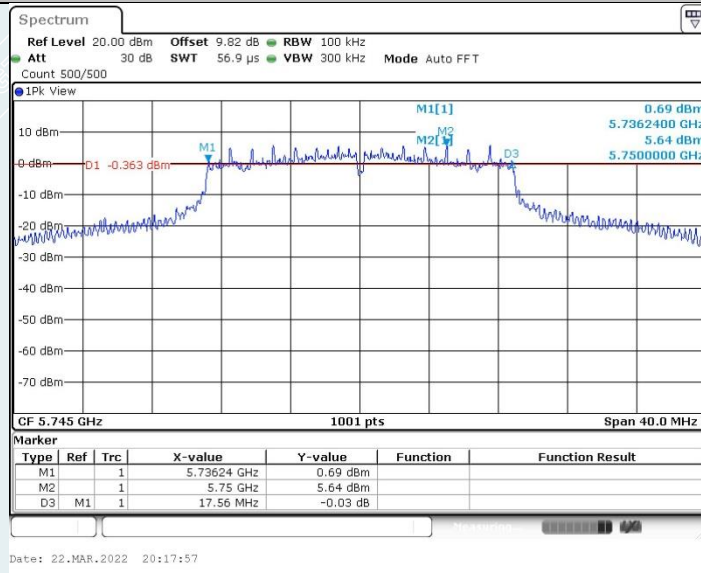




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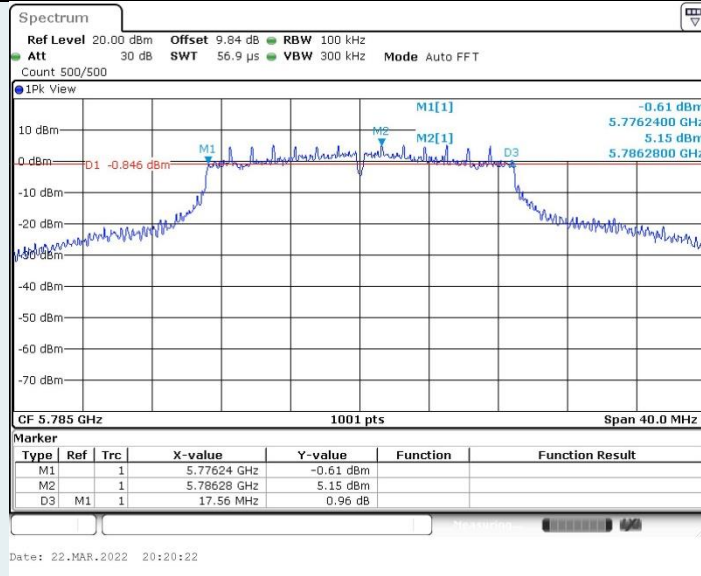


### 802.11n HT20\_Ant2\_5745 MHz

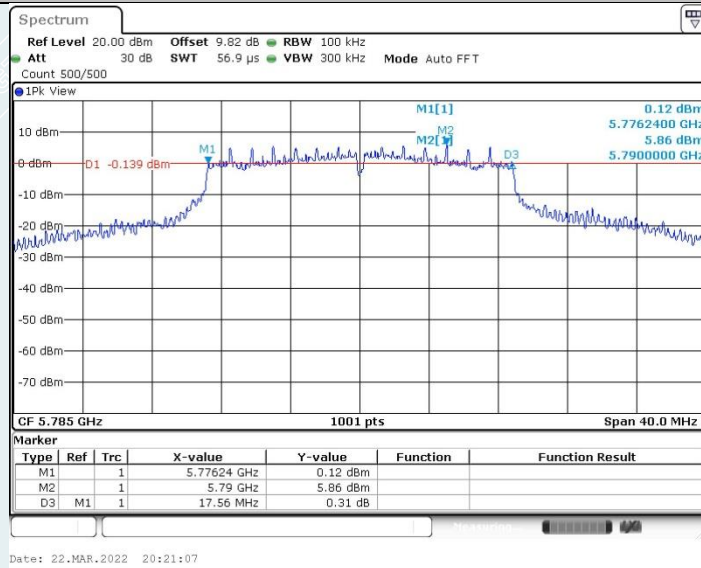




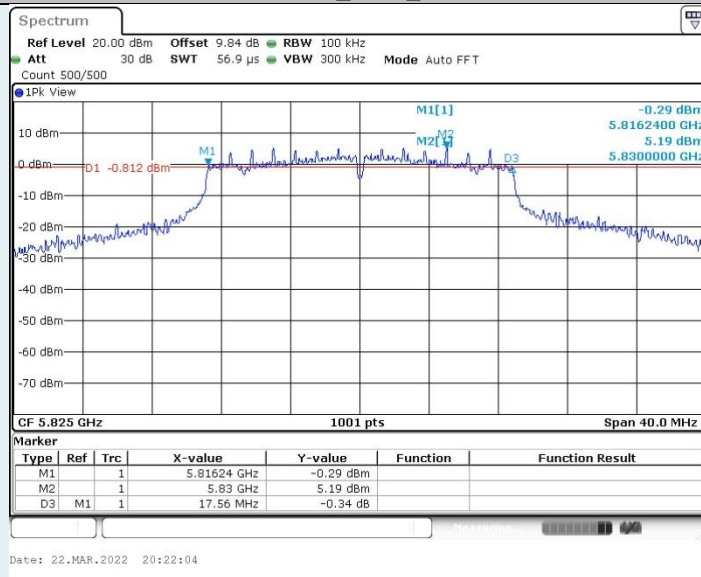
### 802.11n HT20\_Ant1\_5785 MHz



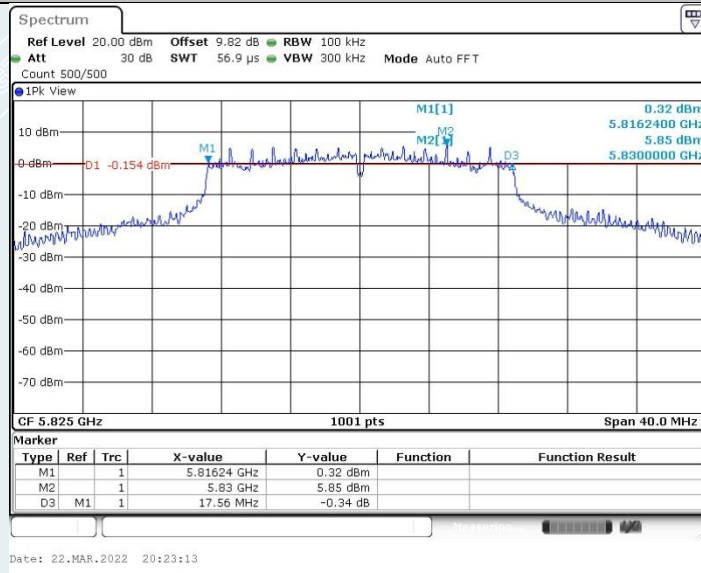
### 802.11n HT20\_Ant2\_5785 MHz



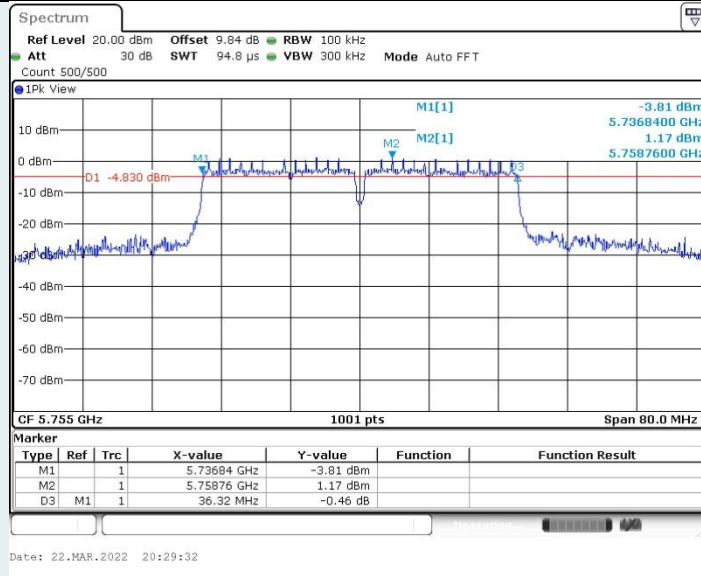
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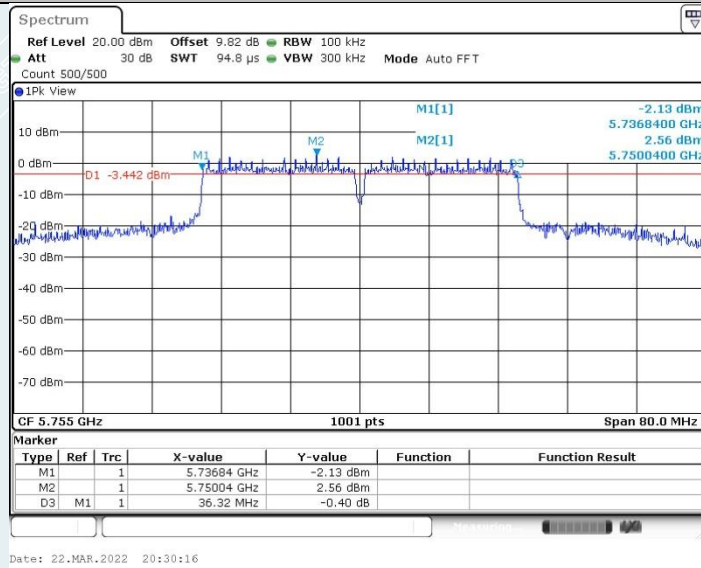
### 802.11n HT20\_Ant2\_5825 MHz



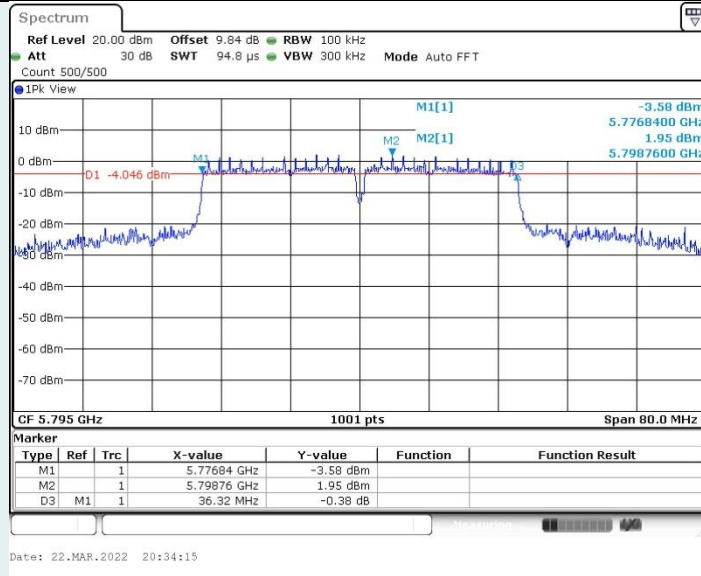
### 802.11n HT40\_Ant1\_5755 MHz



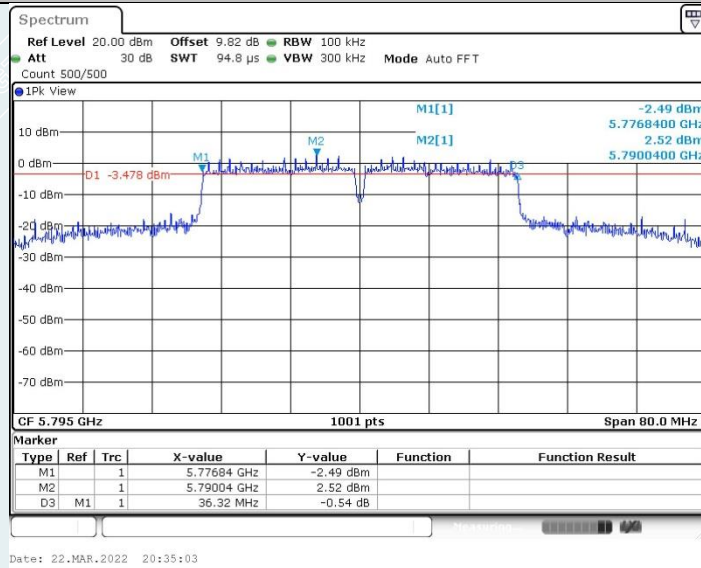
### 802.11n HT40\_Ant2\_5755 MHz

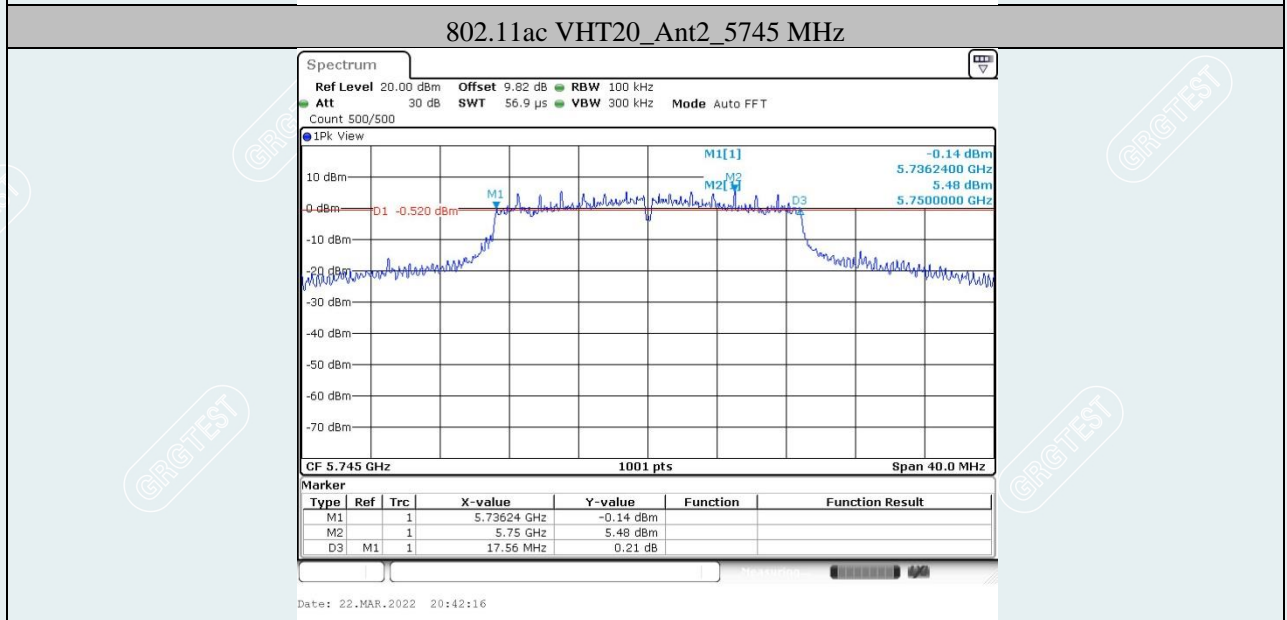
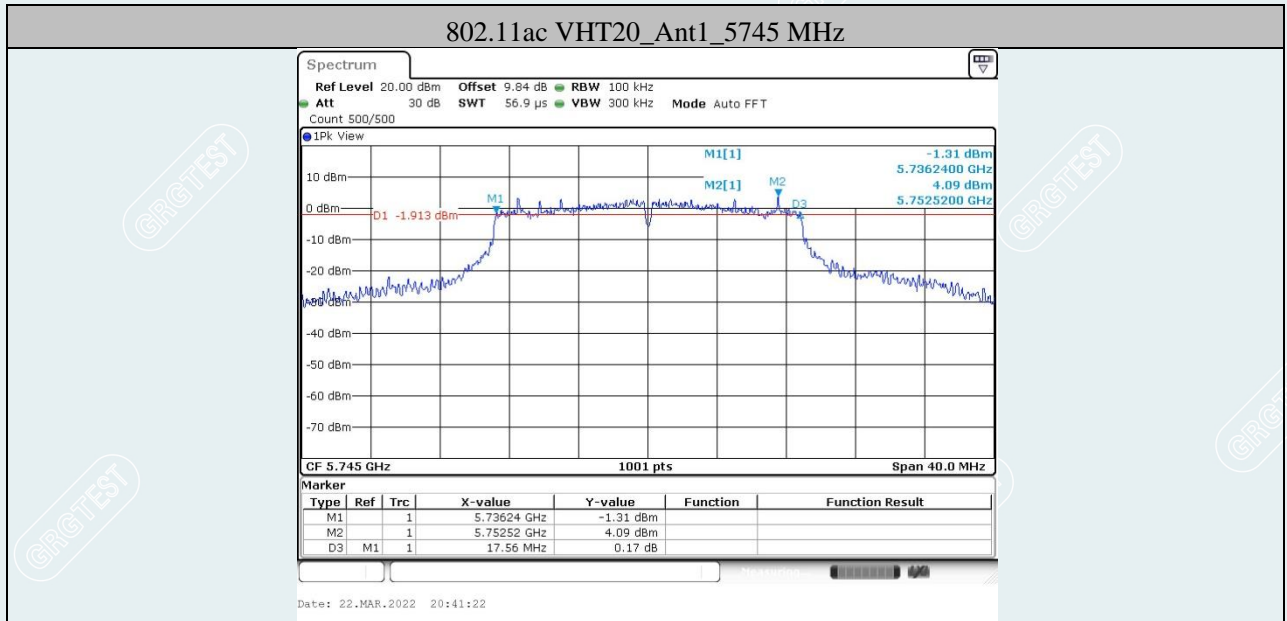


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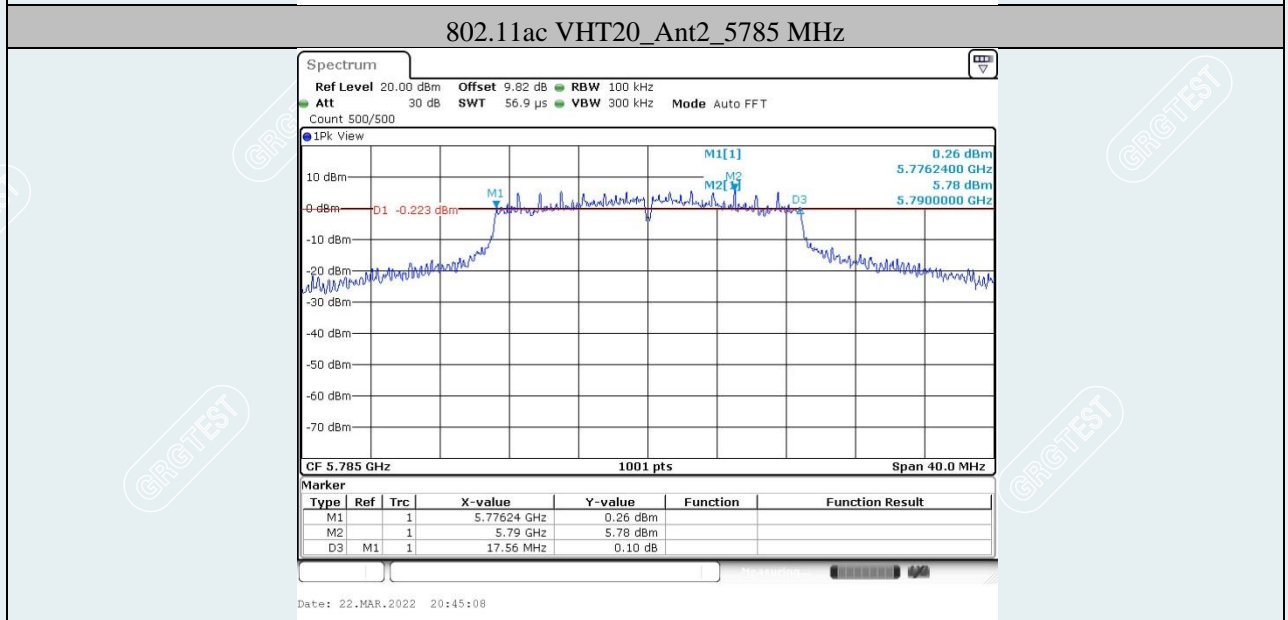
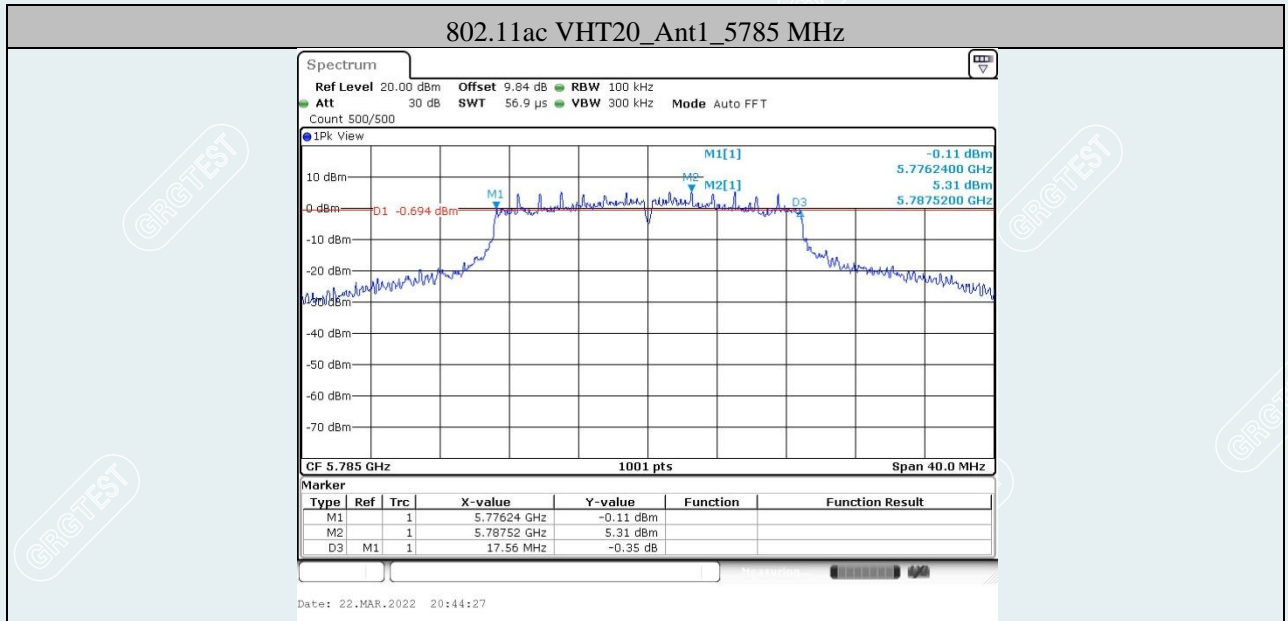


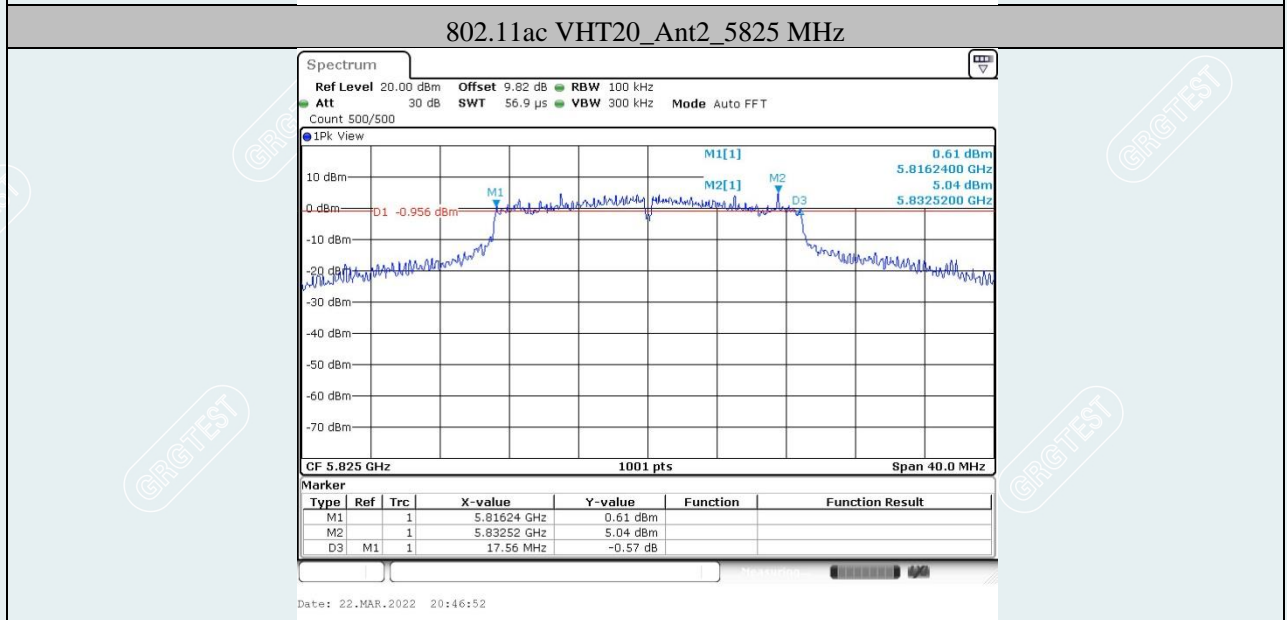
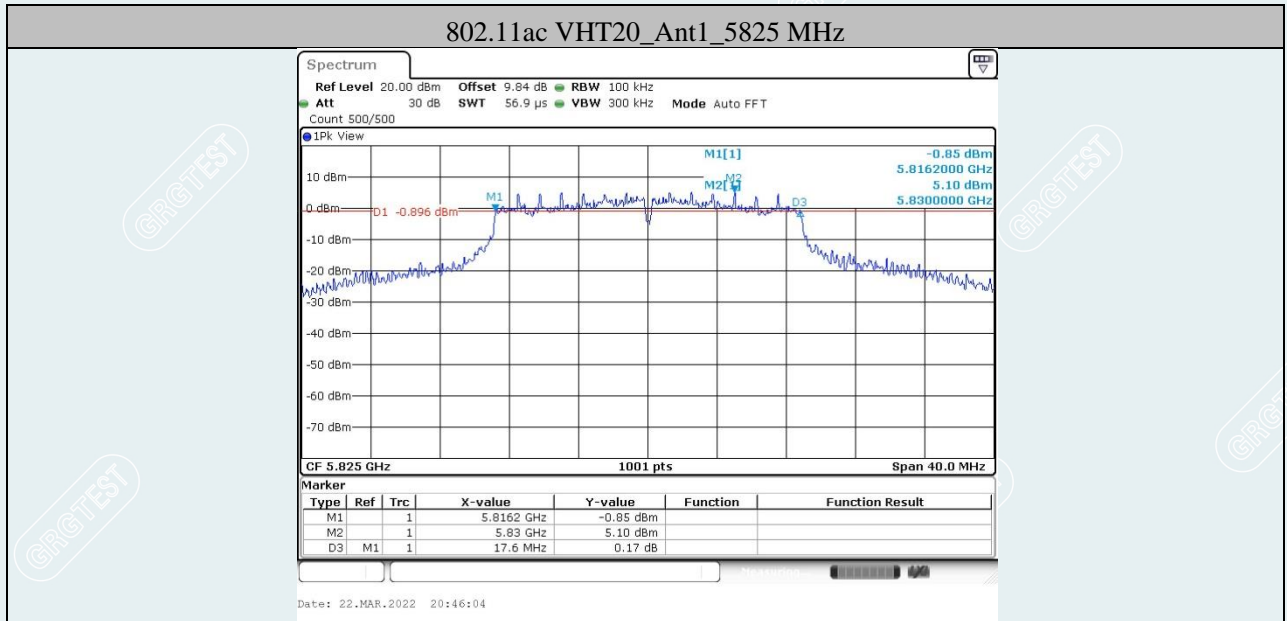
### 802.11n HT40\_Ant2\_5795 MHz



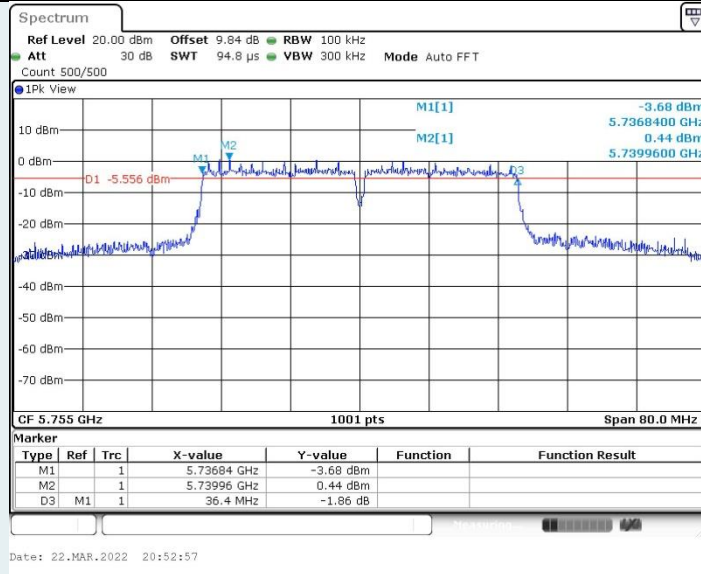




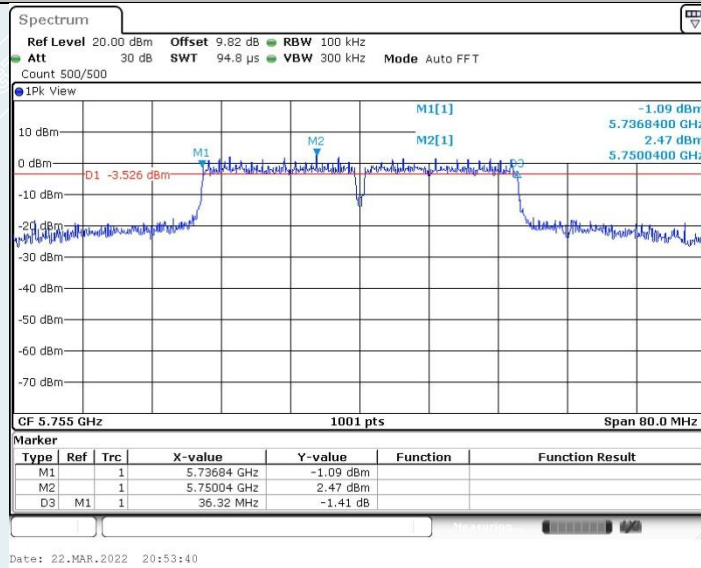


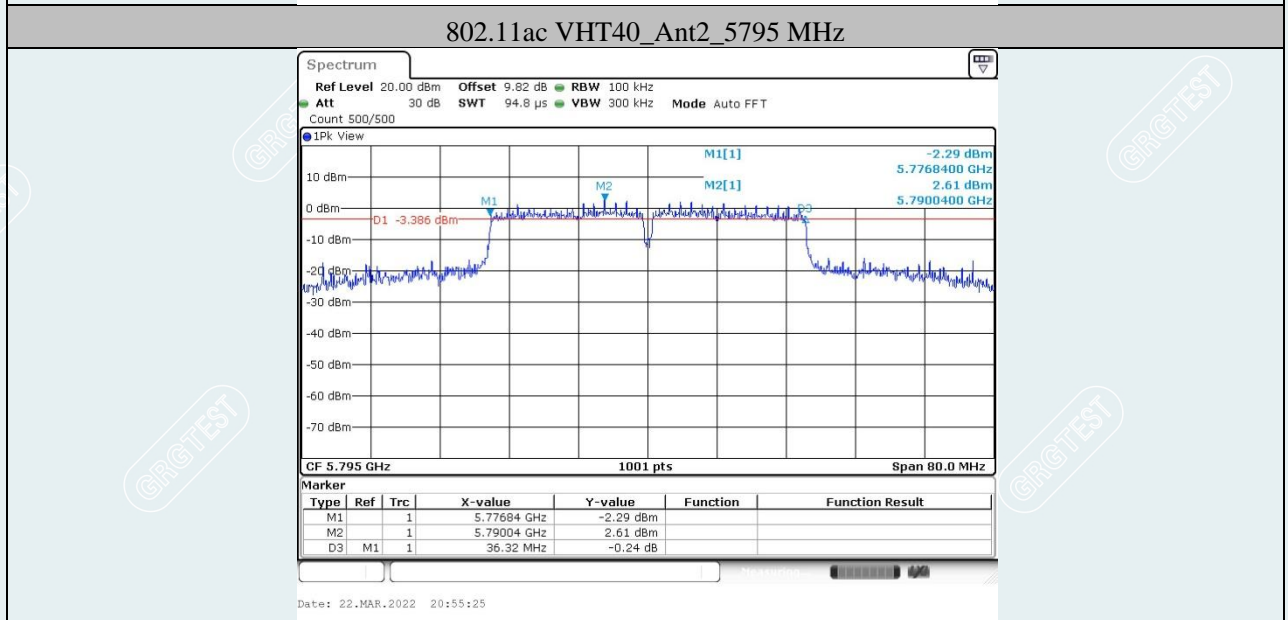
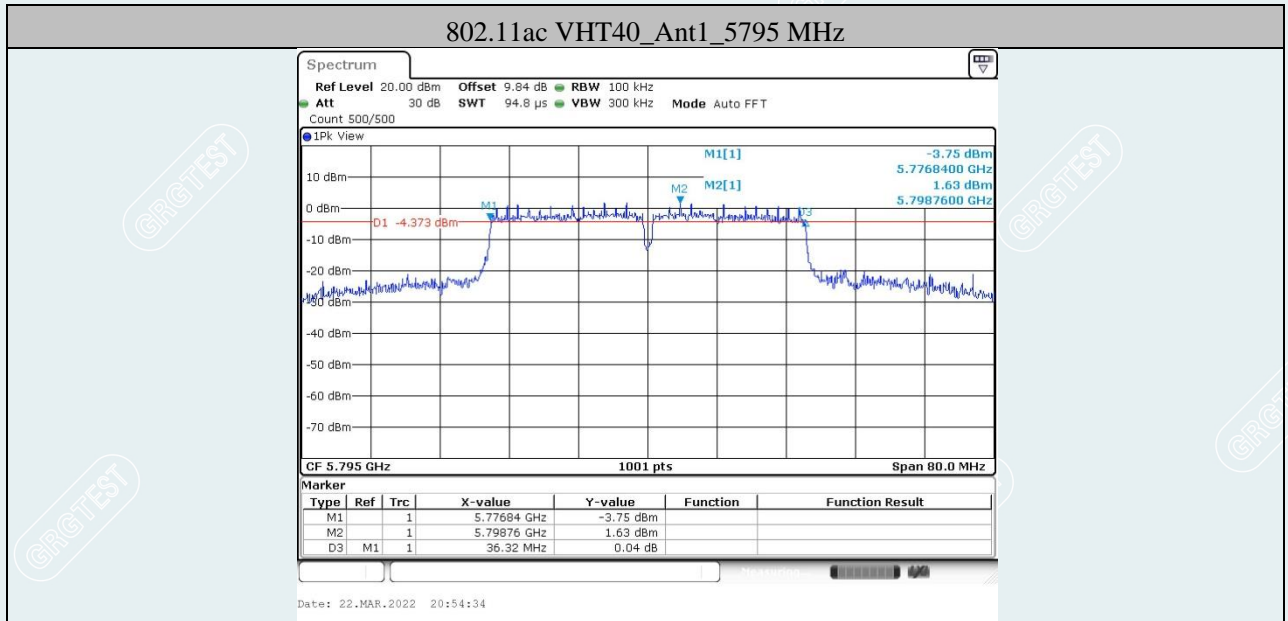


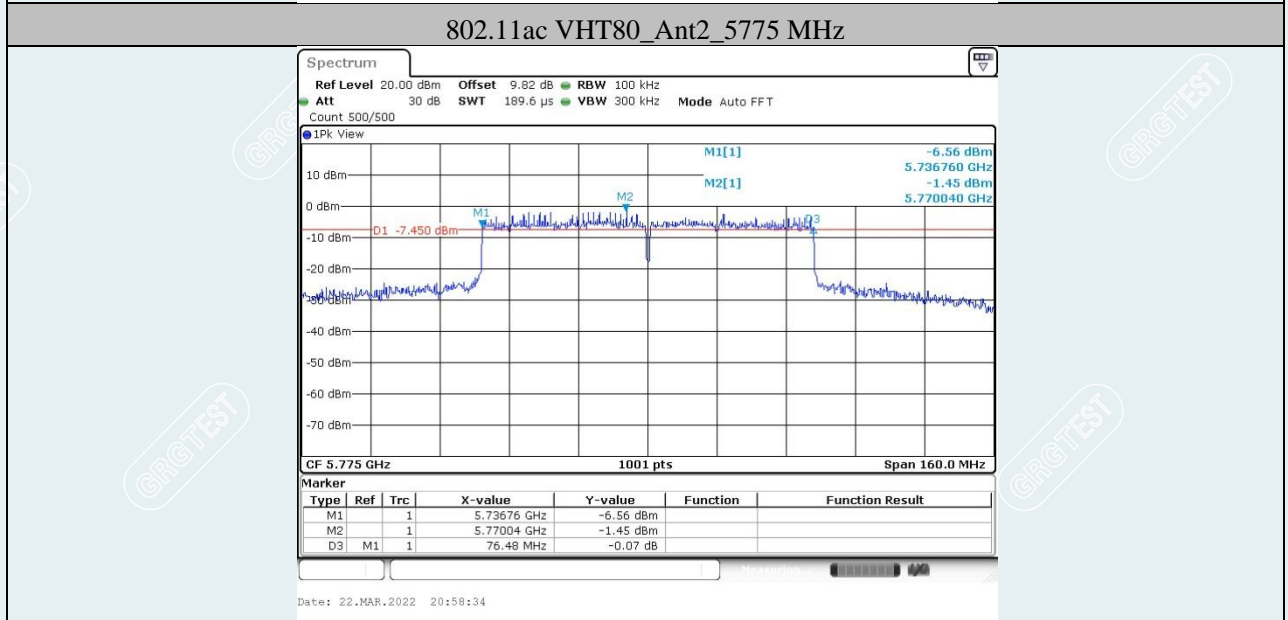
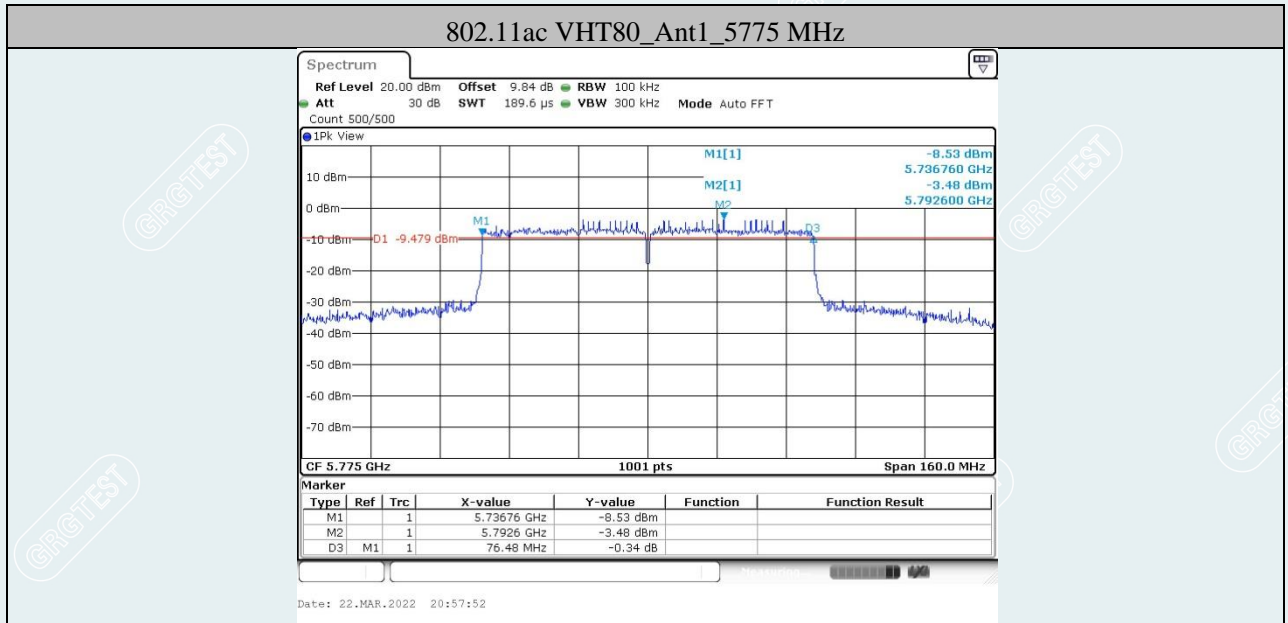
### 802.11ac VHT40\_Ant1\_5755 MHz



### 802.11ac VHT40\_Ant2\_5755 MHz

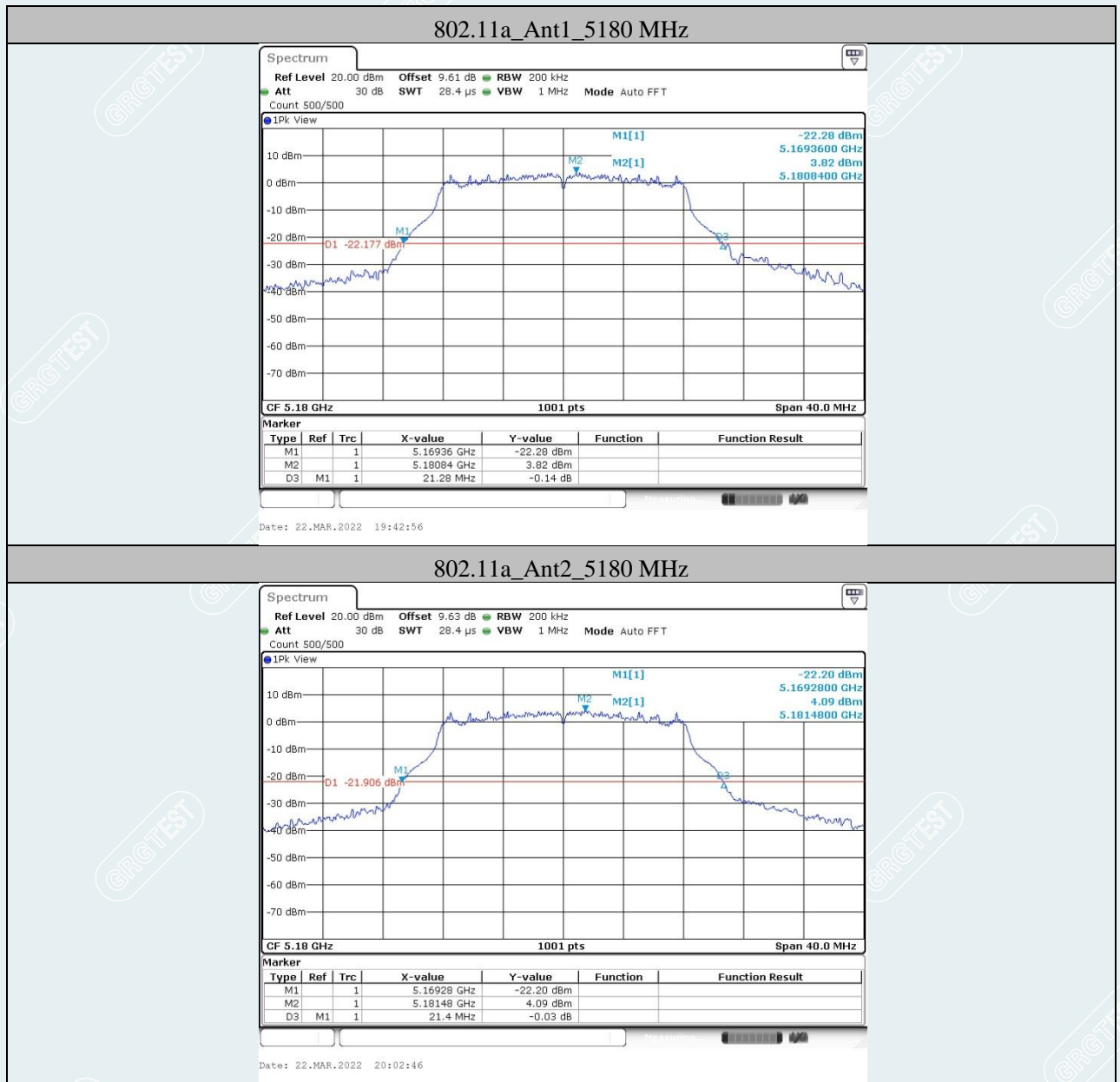


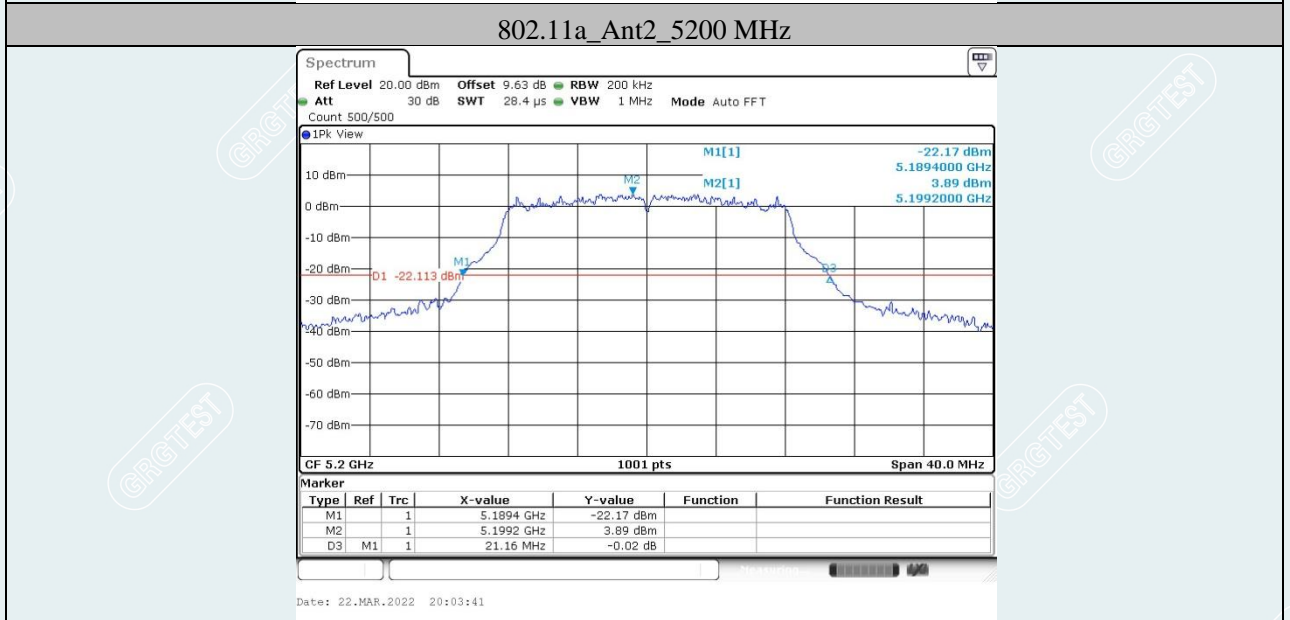
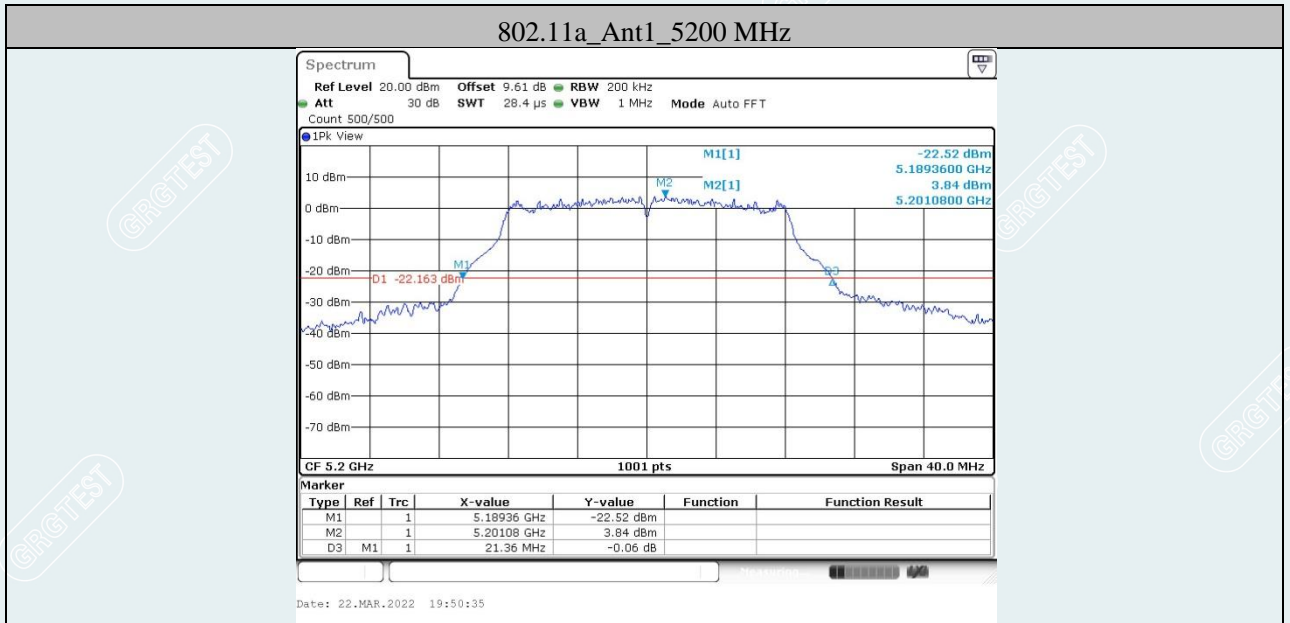


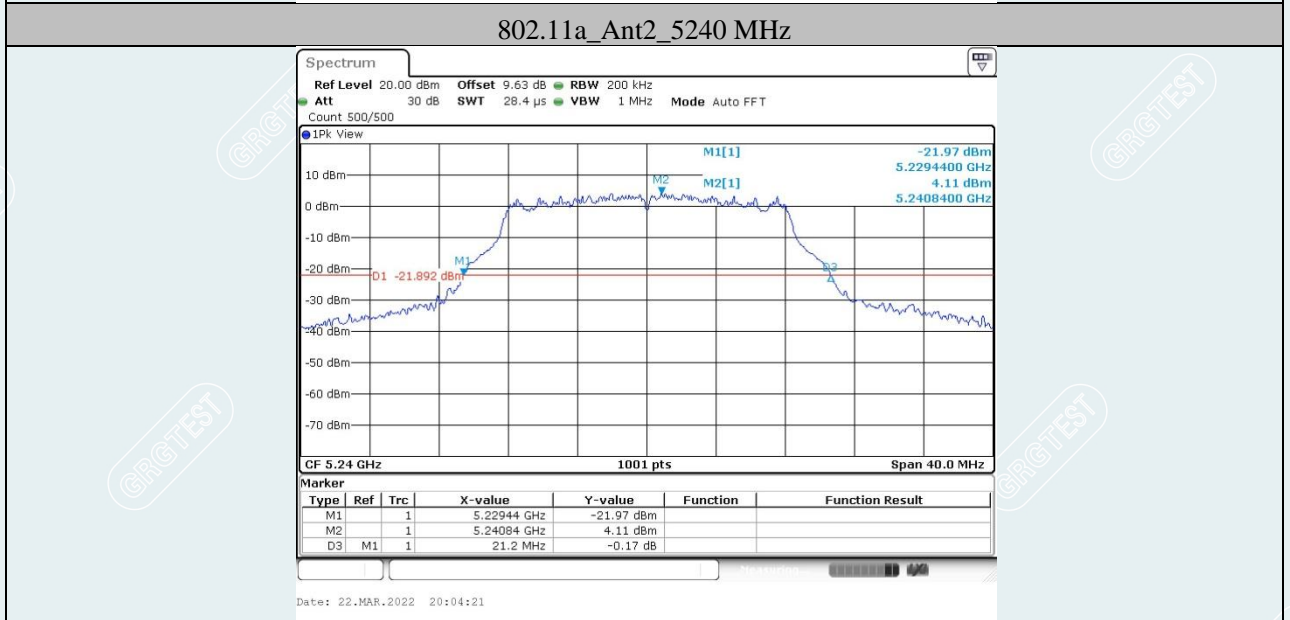
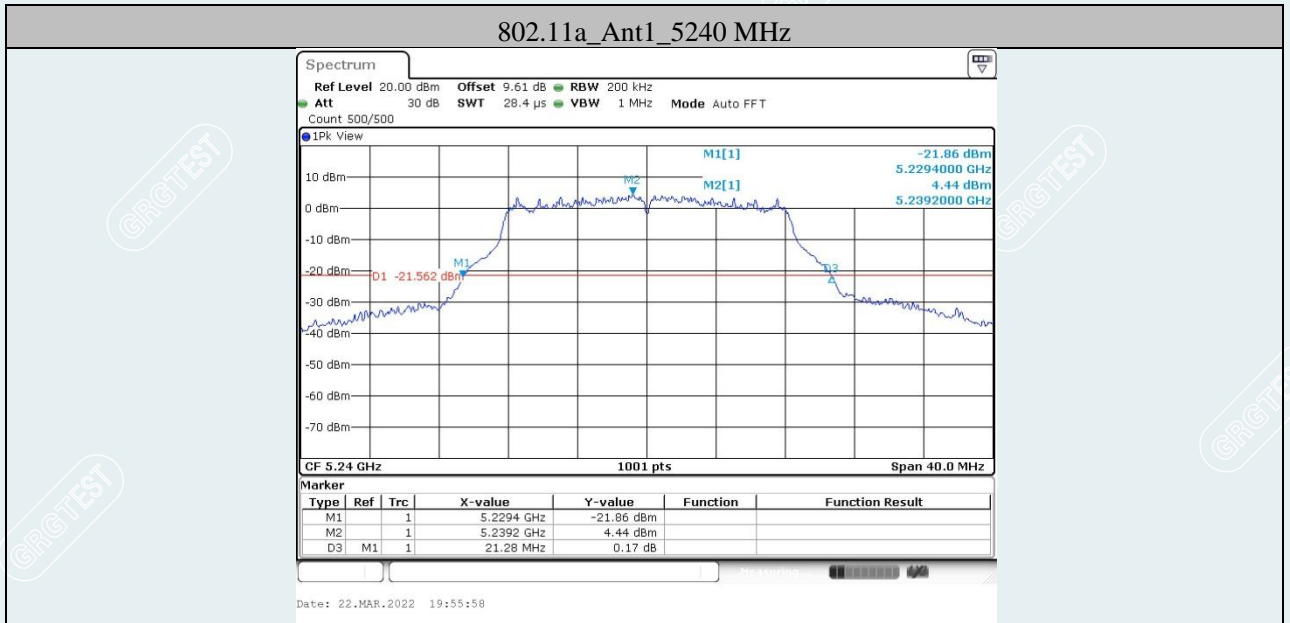


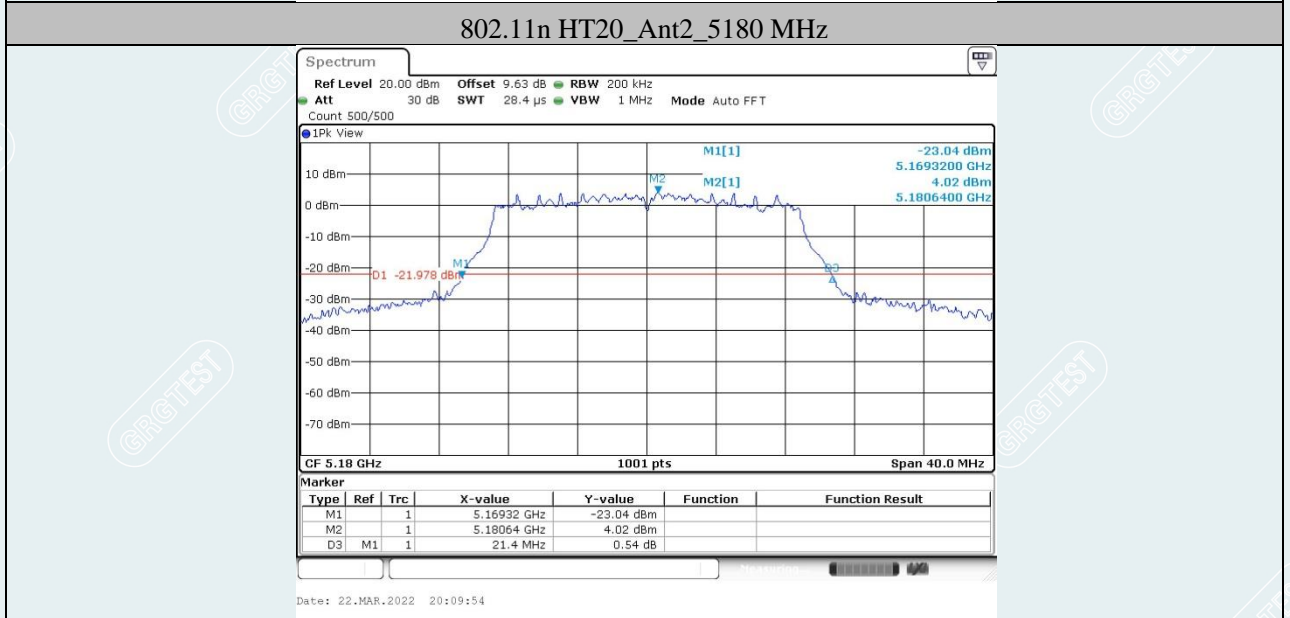
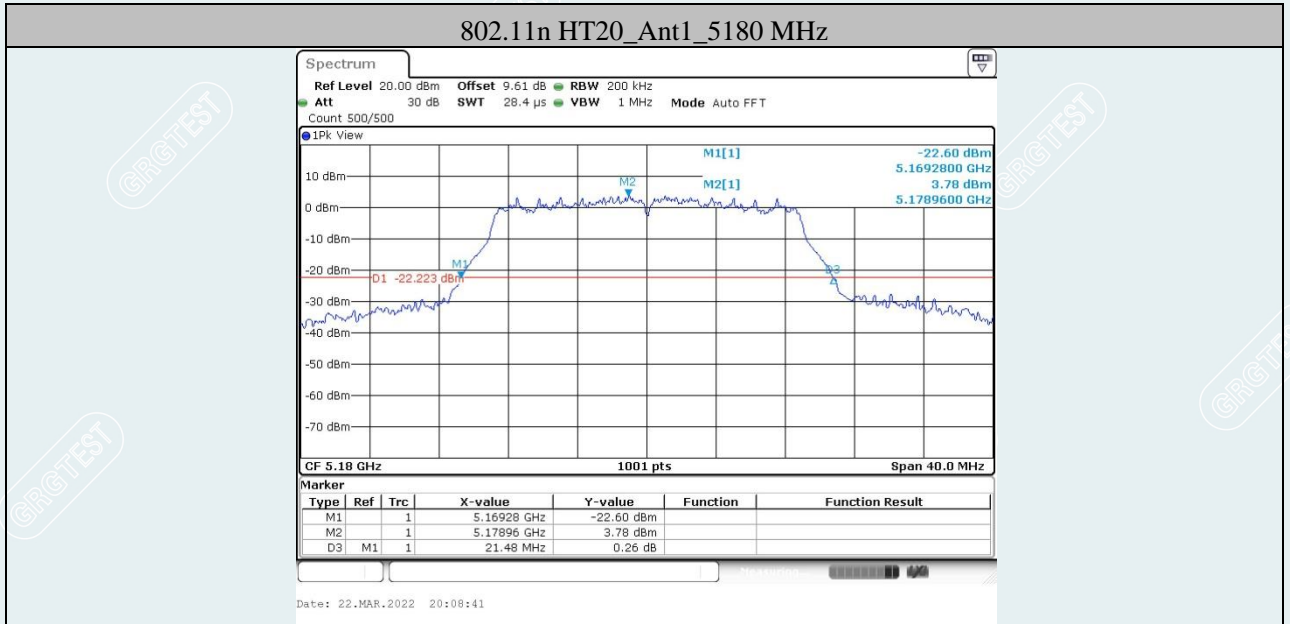


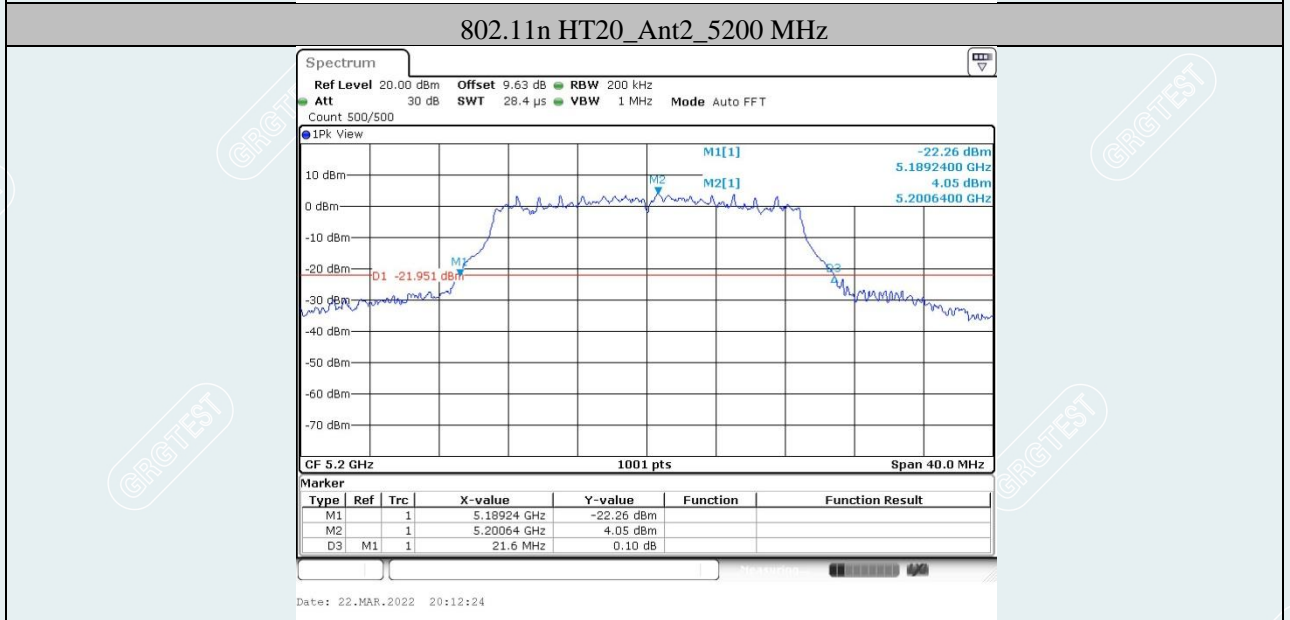
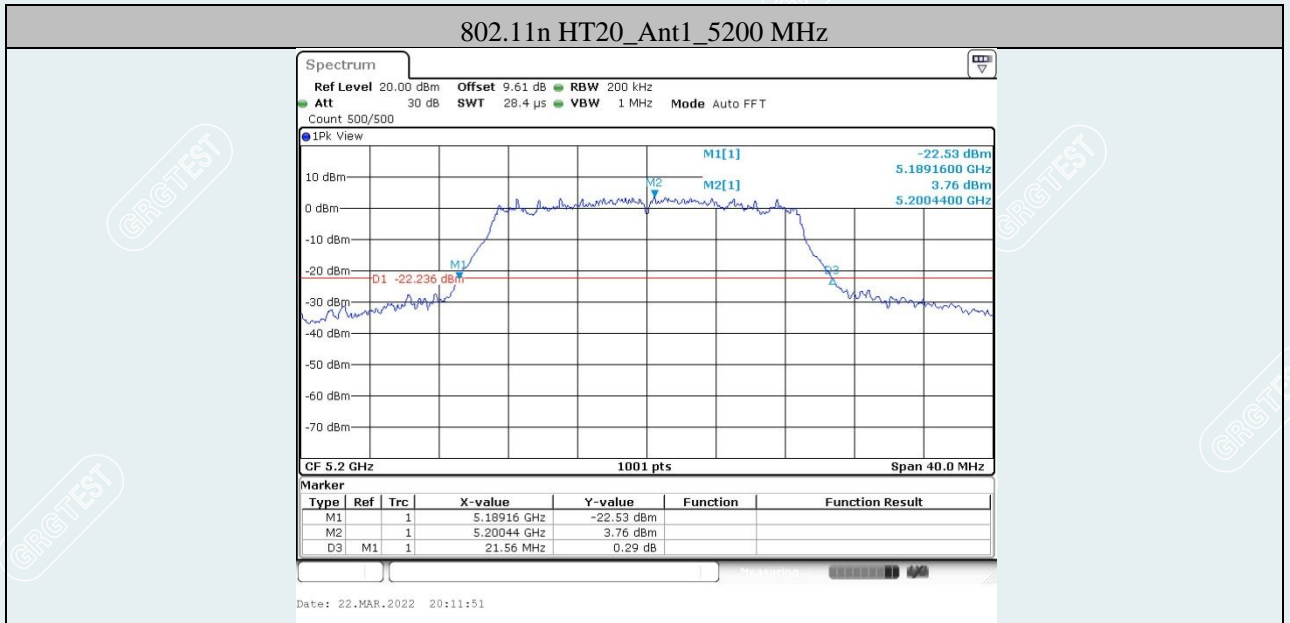
26DB BANDWIDTH



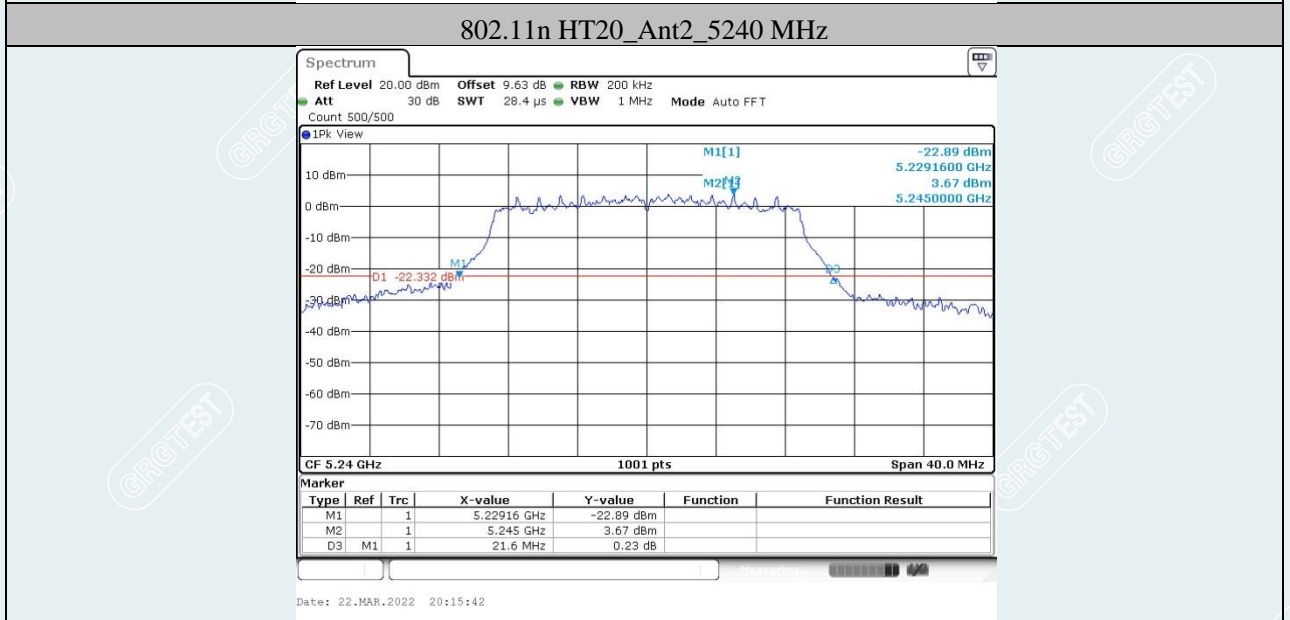
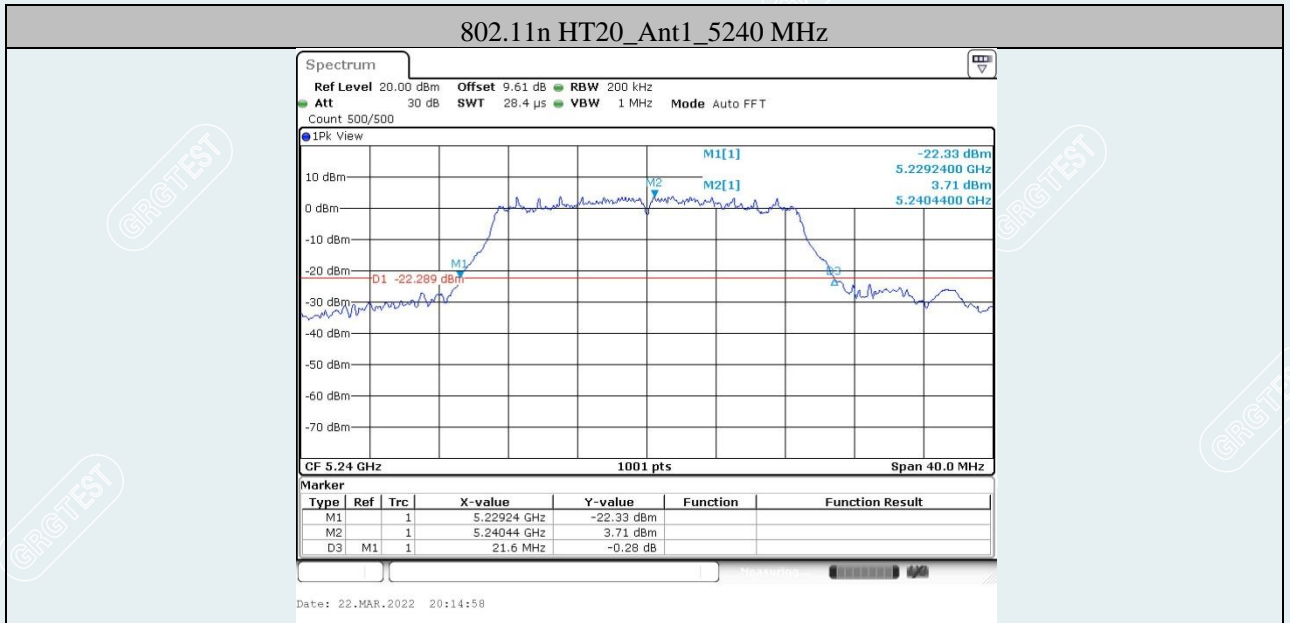


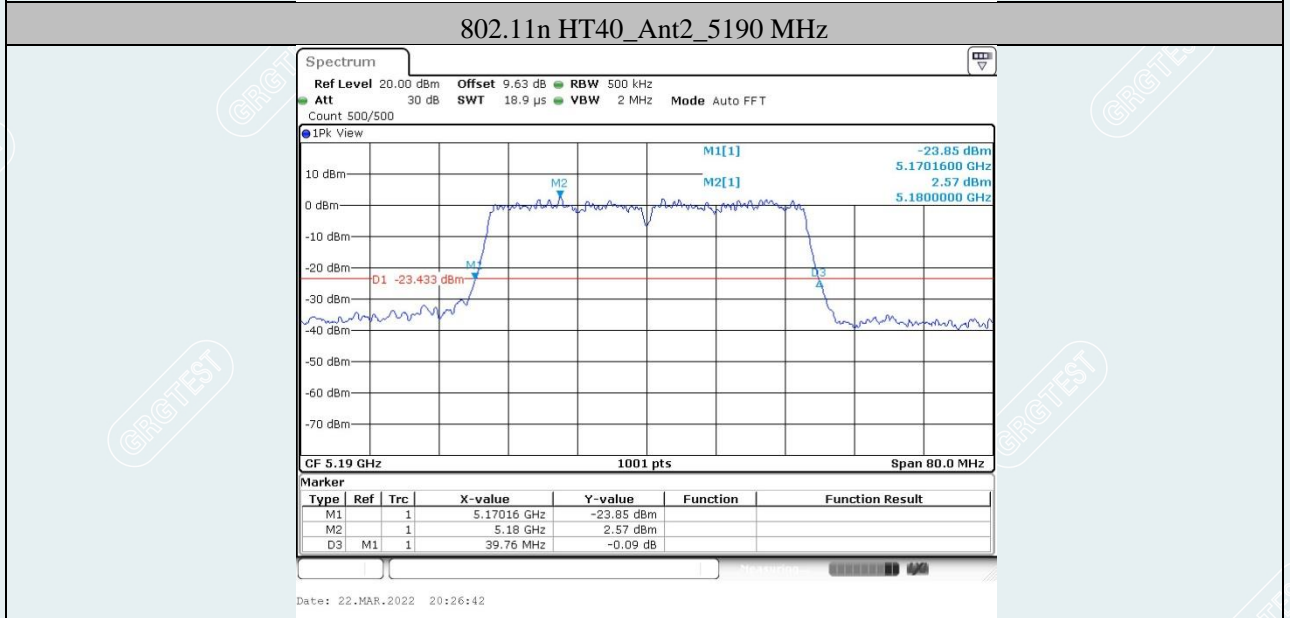
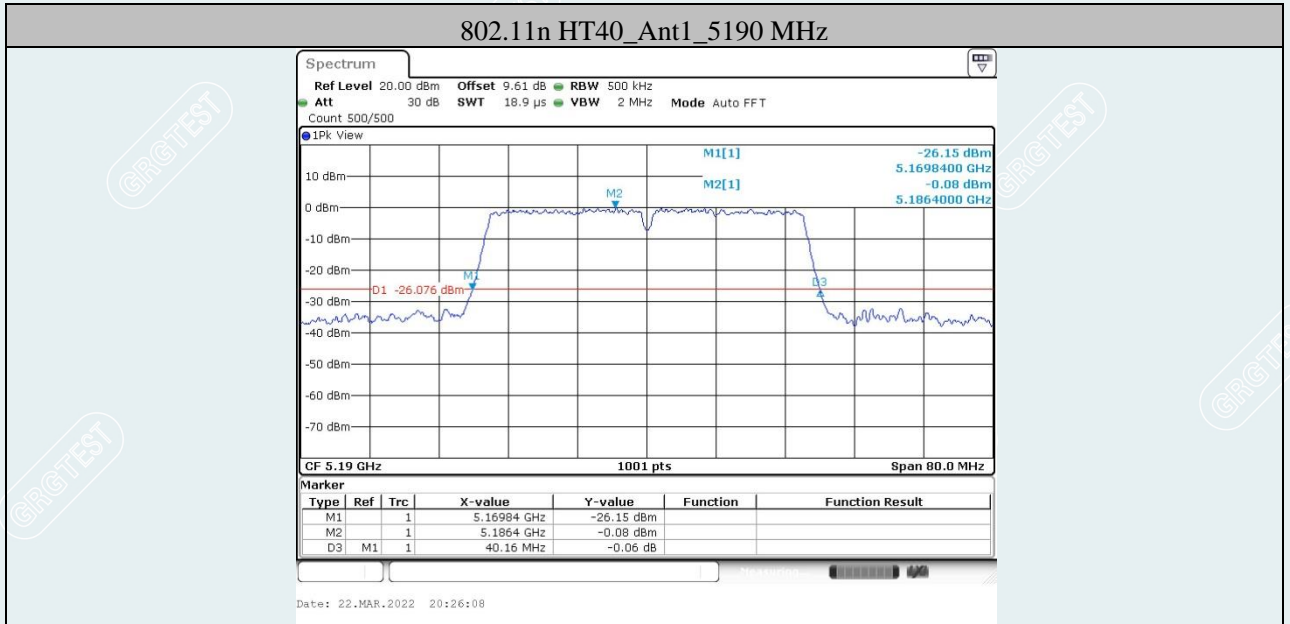


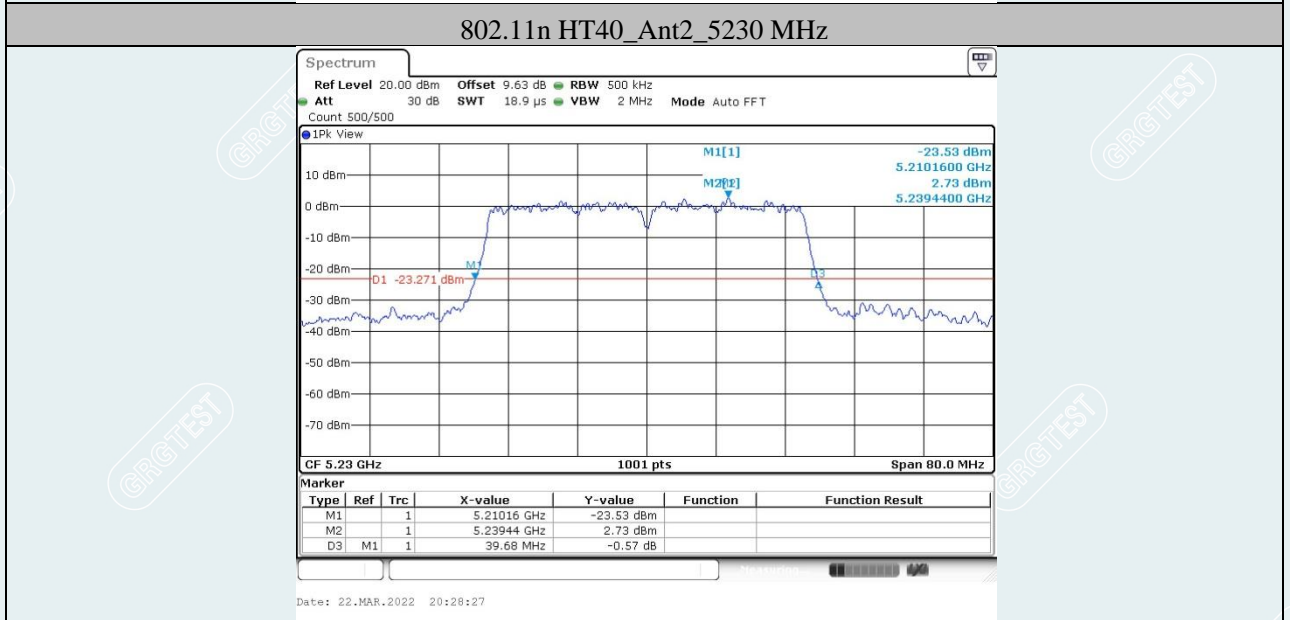
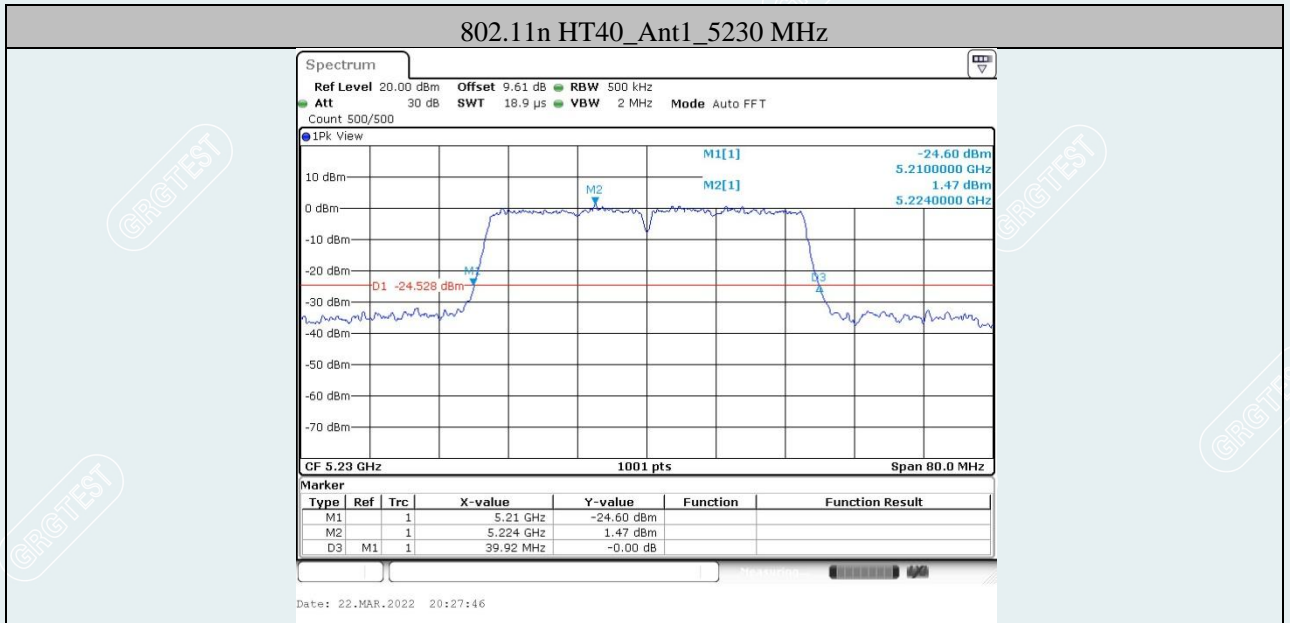




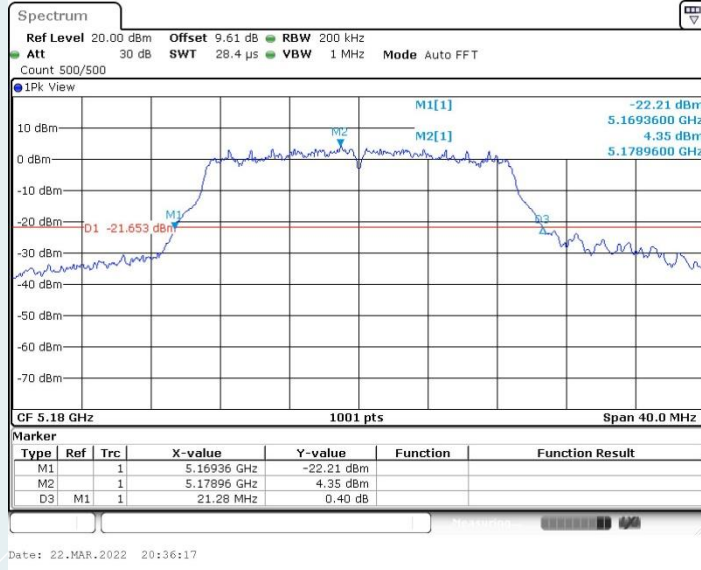




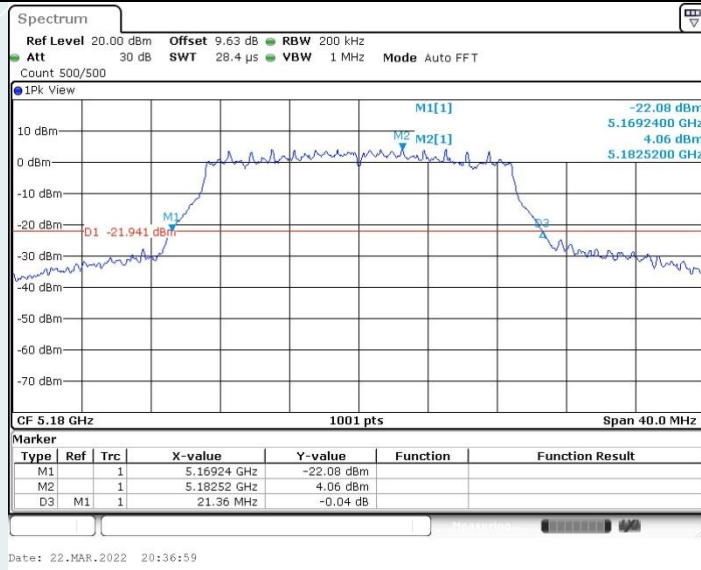


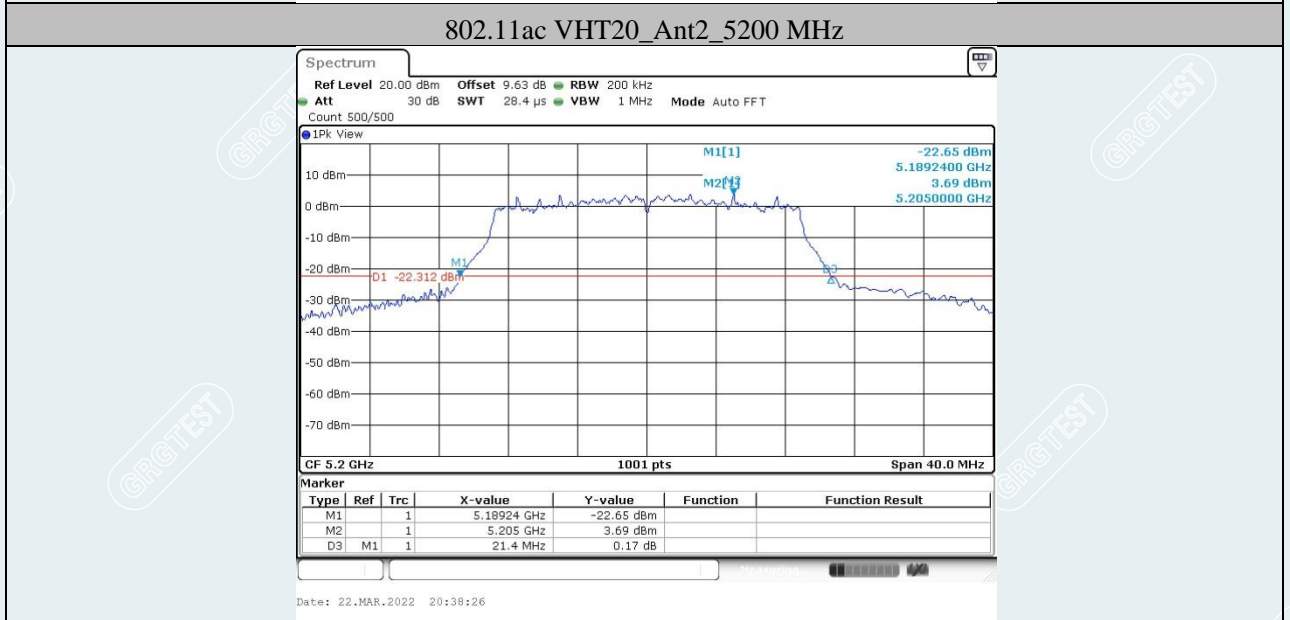
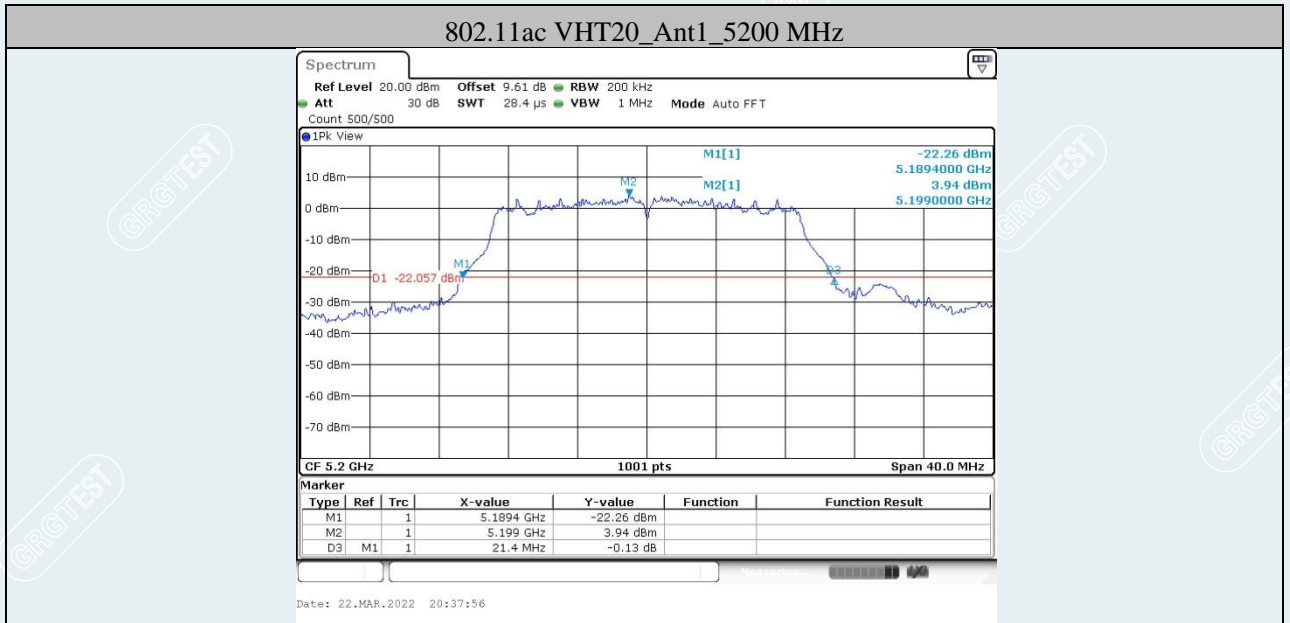


### 802.11ac VHT20\_Ant1\_5180 MHz



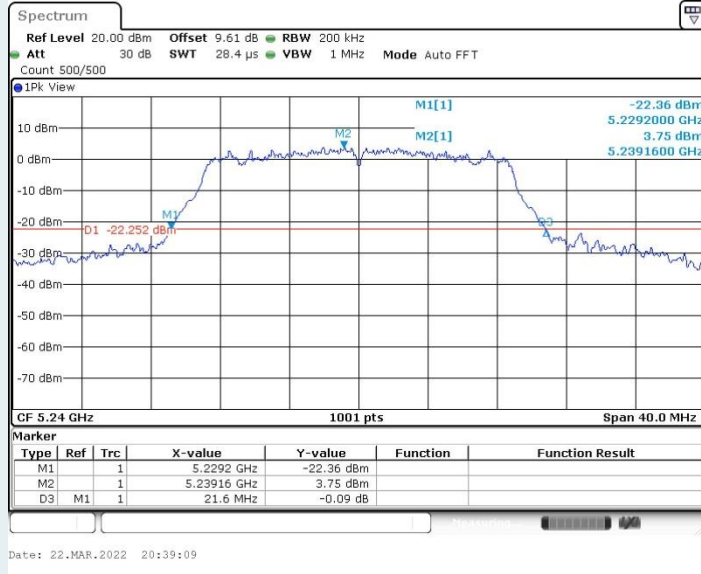
### 802.11ac VHT20\_Ant2\_5180 MHz







### 802.11ac VHT20\_Ant1\_5240 MHz



### 802.11ac VHT20\_Ant2\_5240 MHz

