

## Appendix B for KSCR2110000013702

### 1. Duty Cycle

#### 1.1 Ant1

##### 1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	MIMO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT40)	MIMO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT20)	MIMO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT40)	MIMO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT80)	MIMO	5210	100.000	100.000	100.00	0.00	0.00
		5775	100.000	100.000	100.00	0.00	0.00

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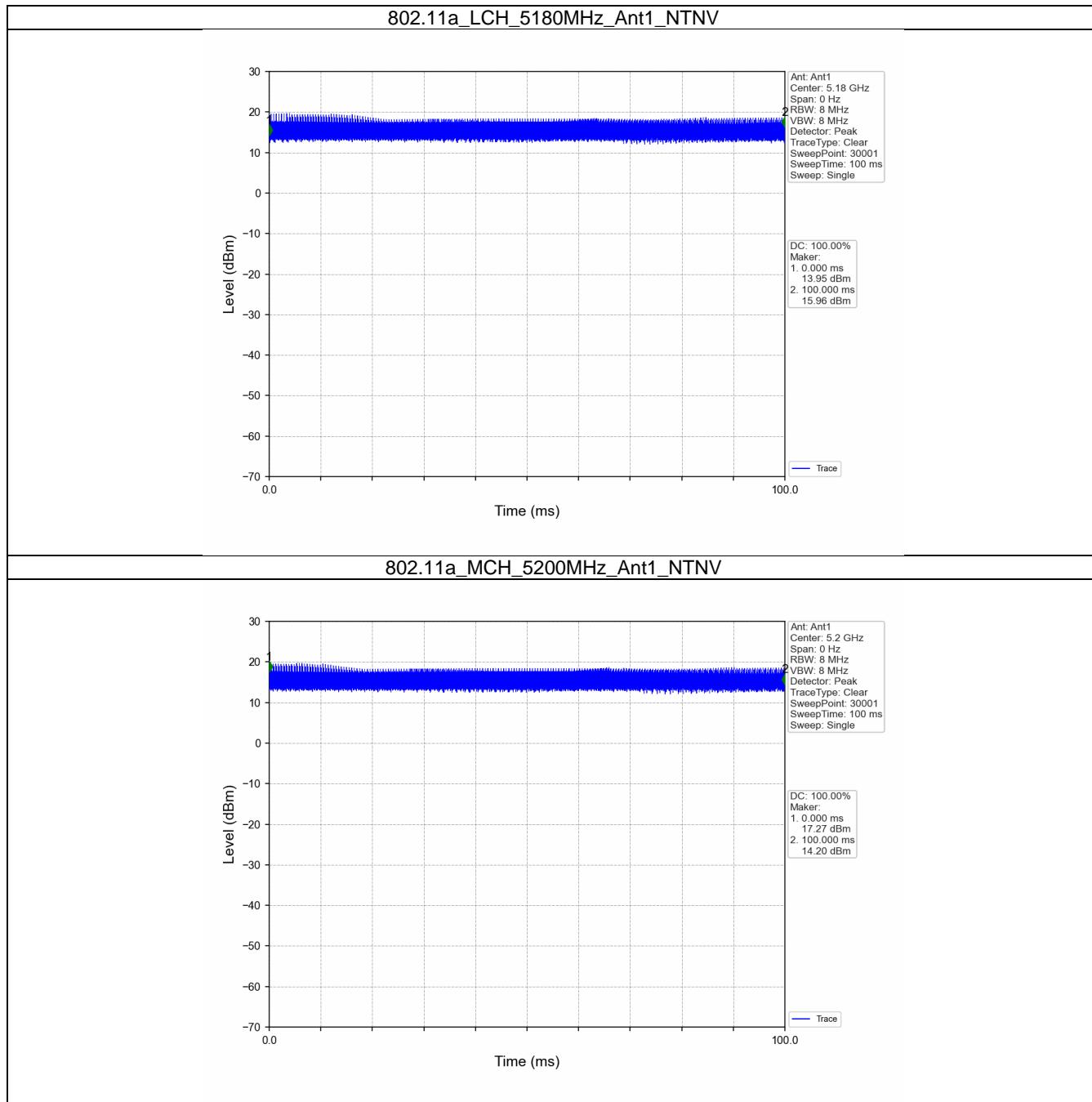
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### 1.1.2 Test Graph



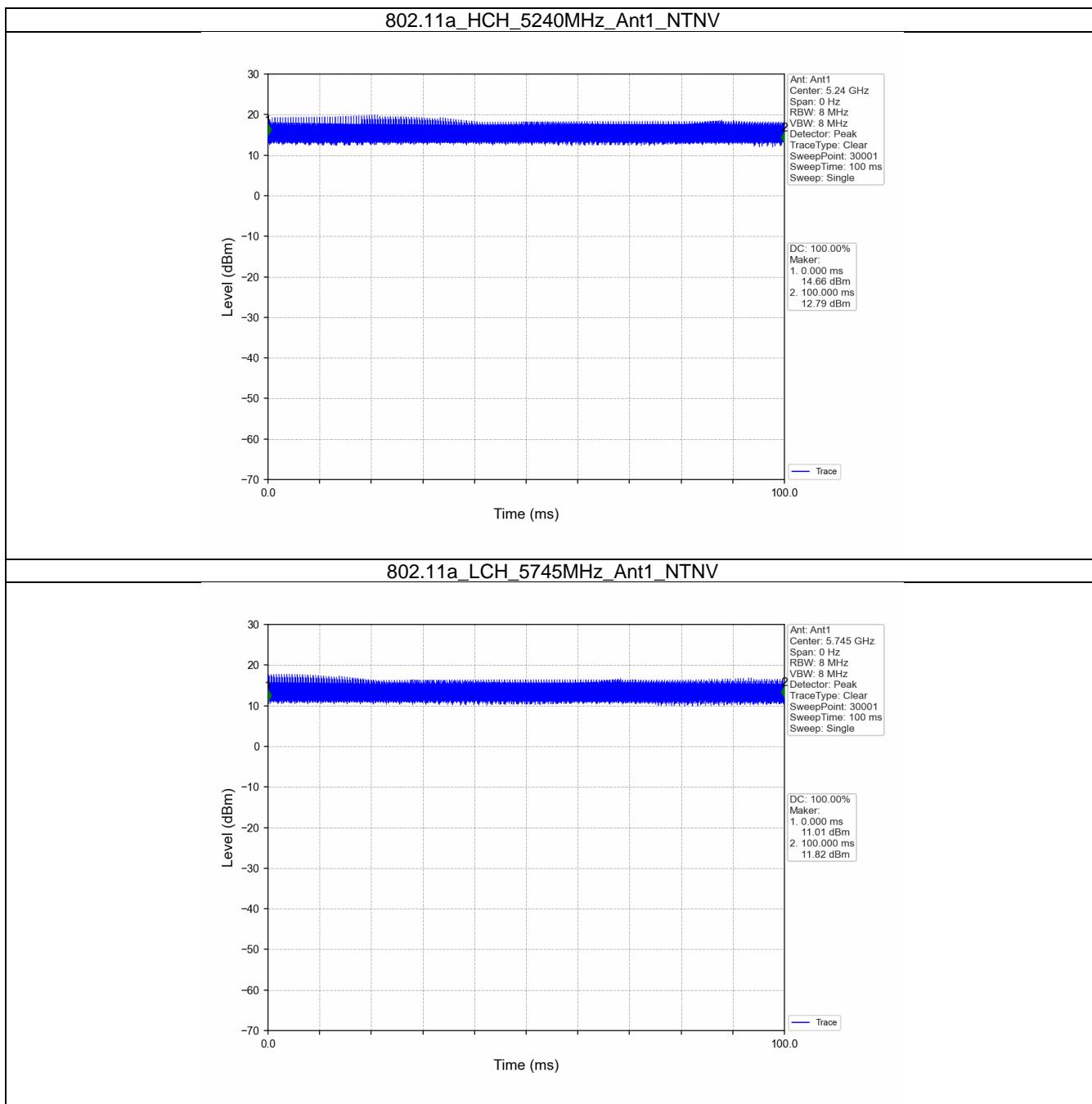
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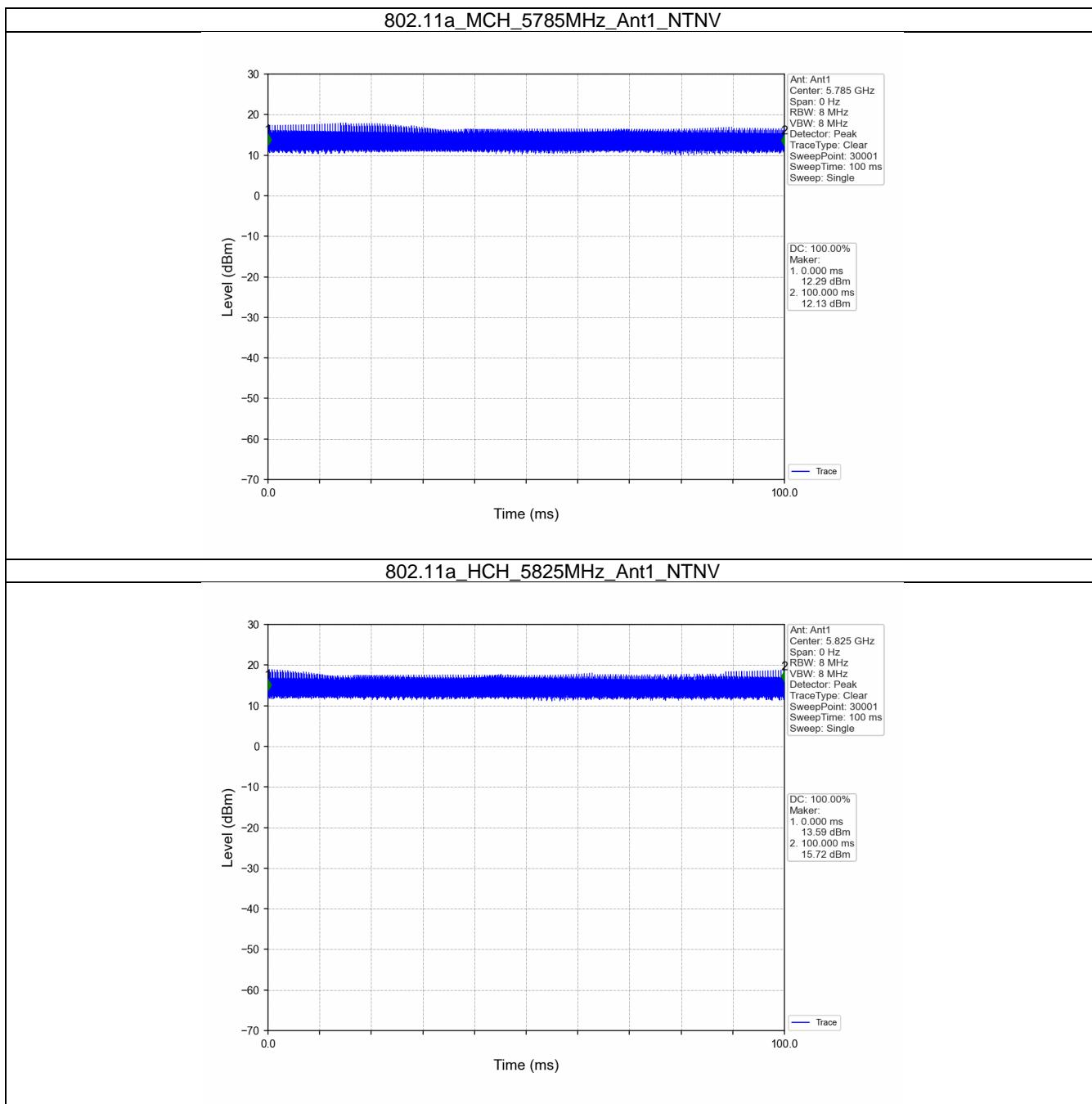
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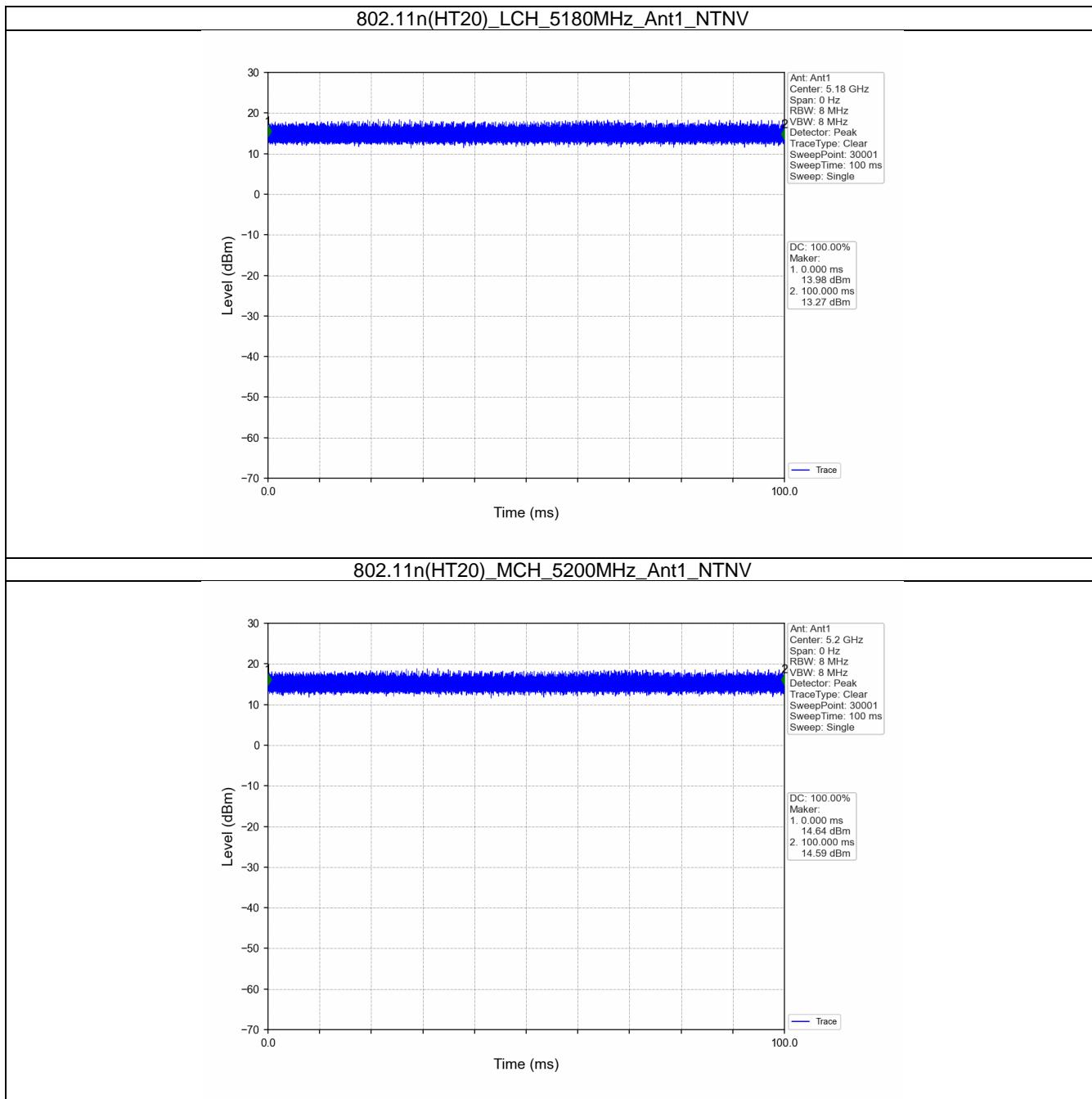
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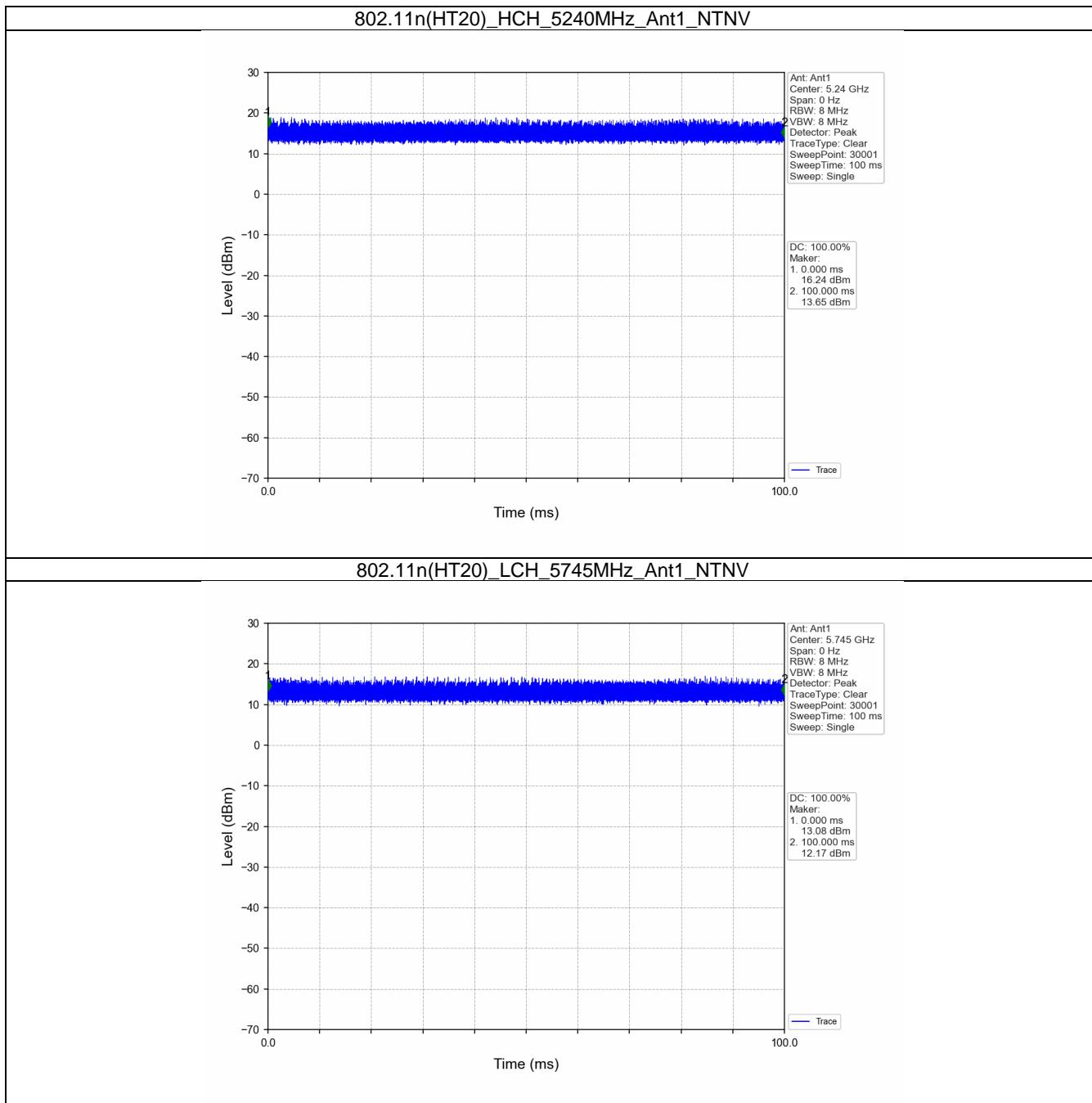




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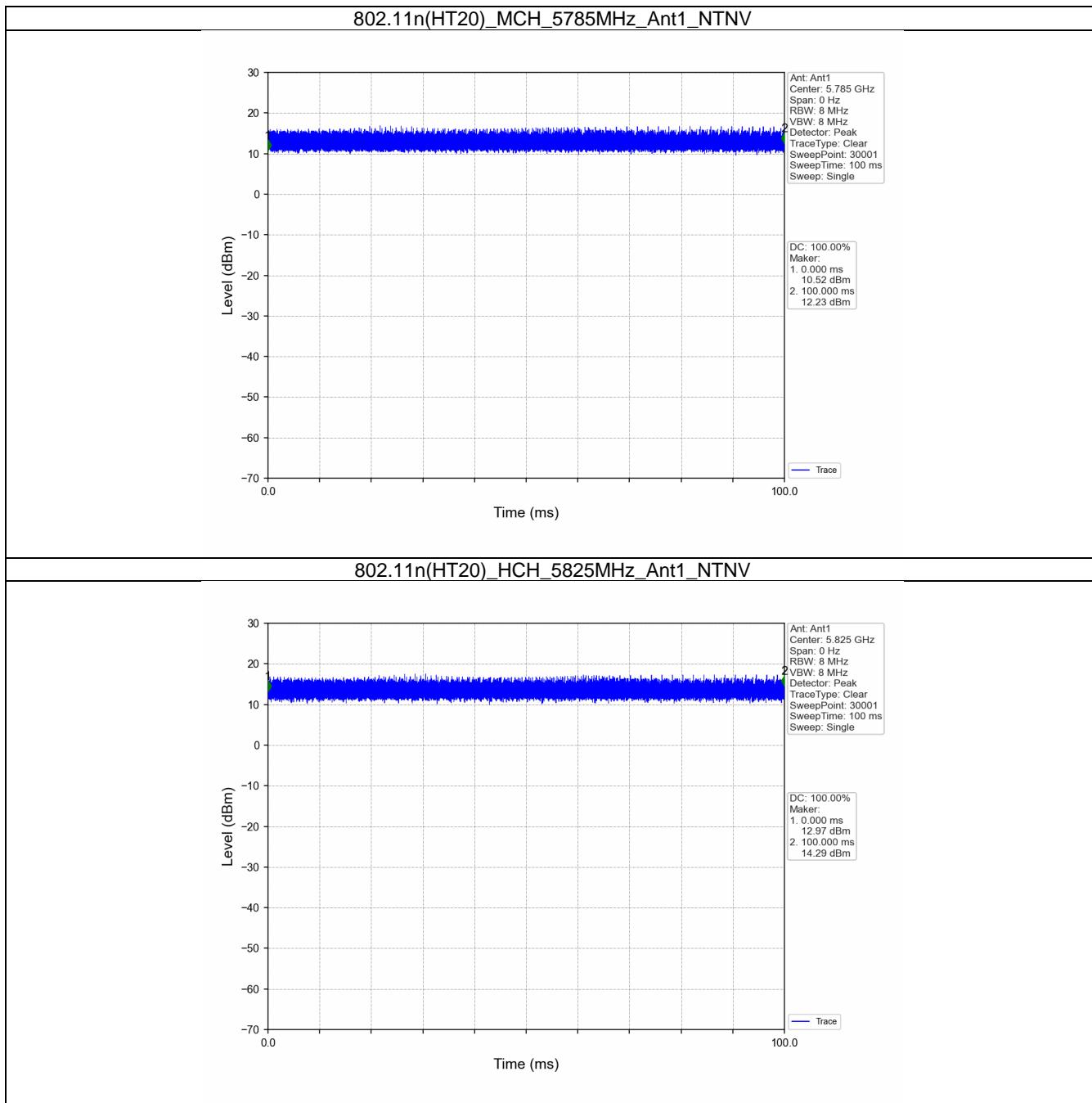




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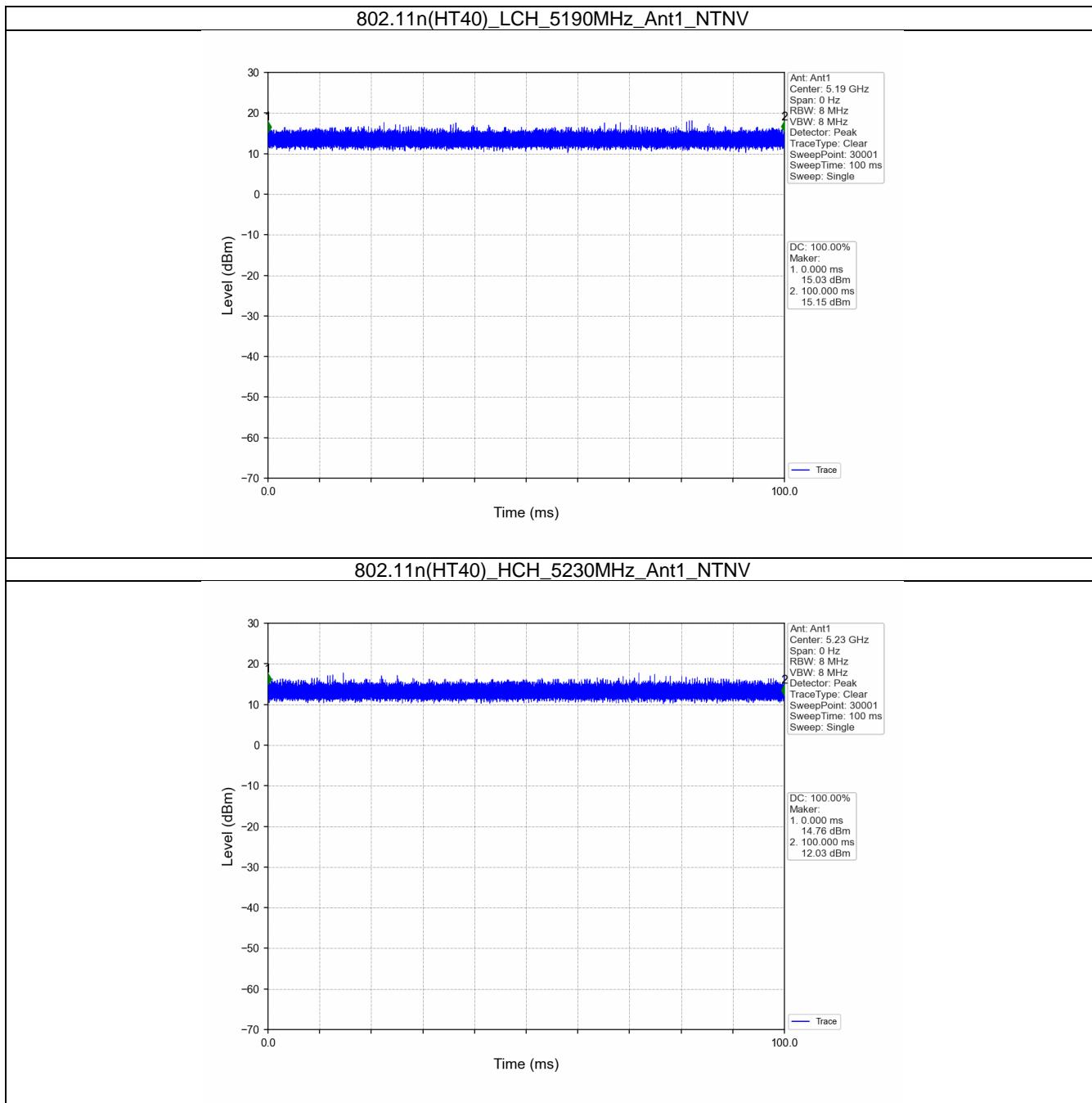
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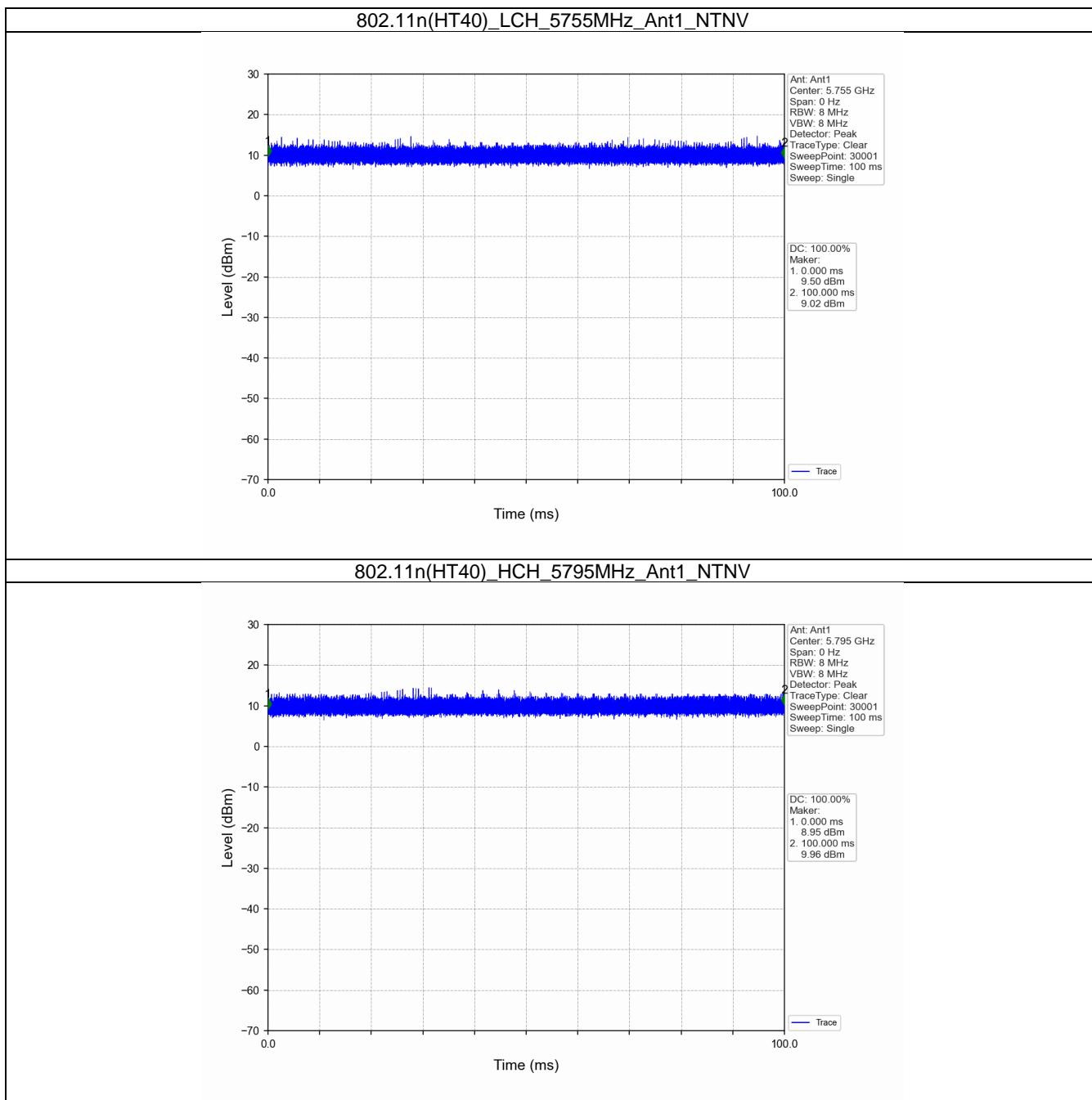
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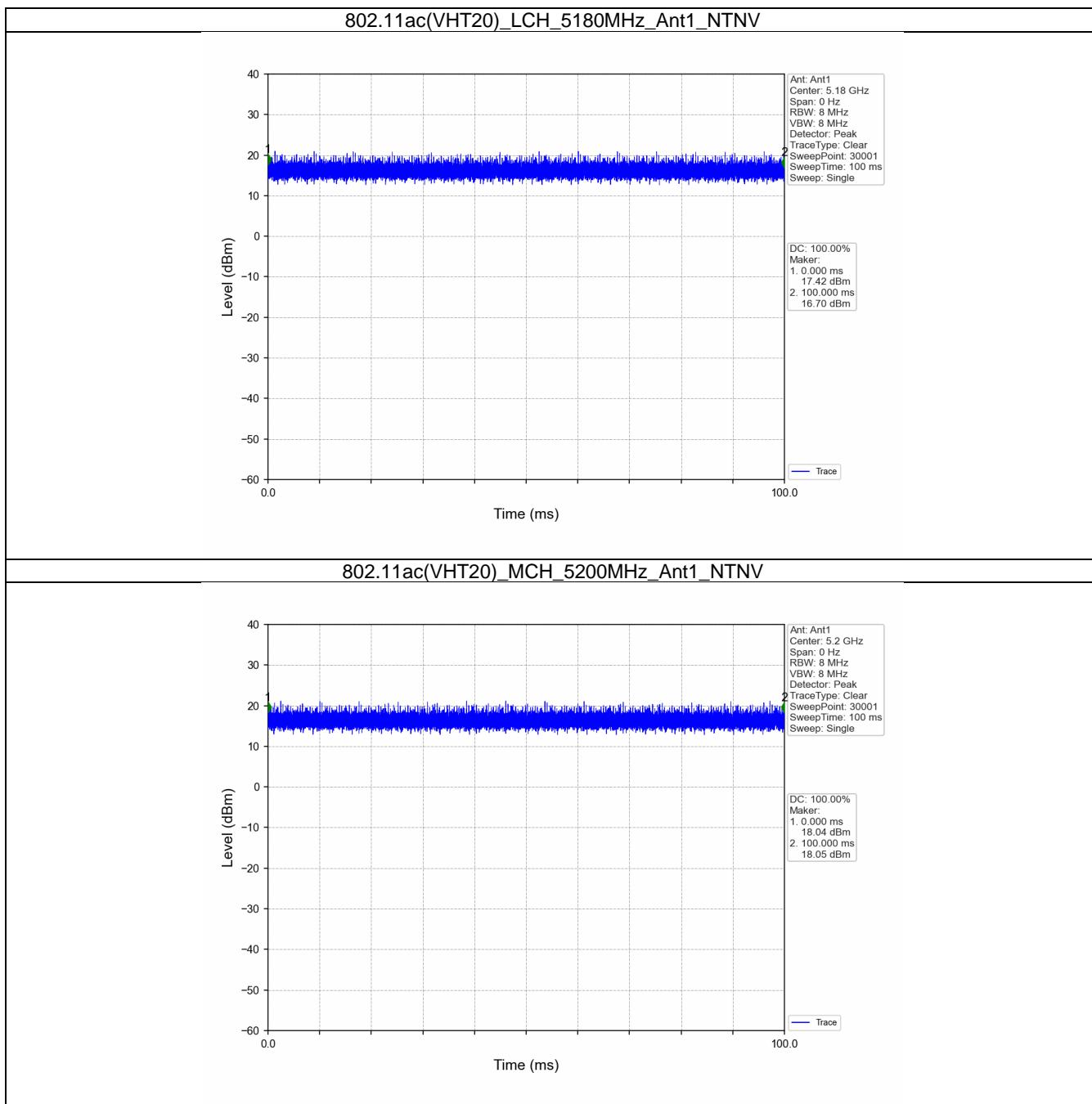




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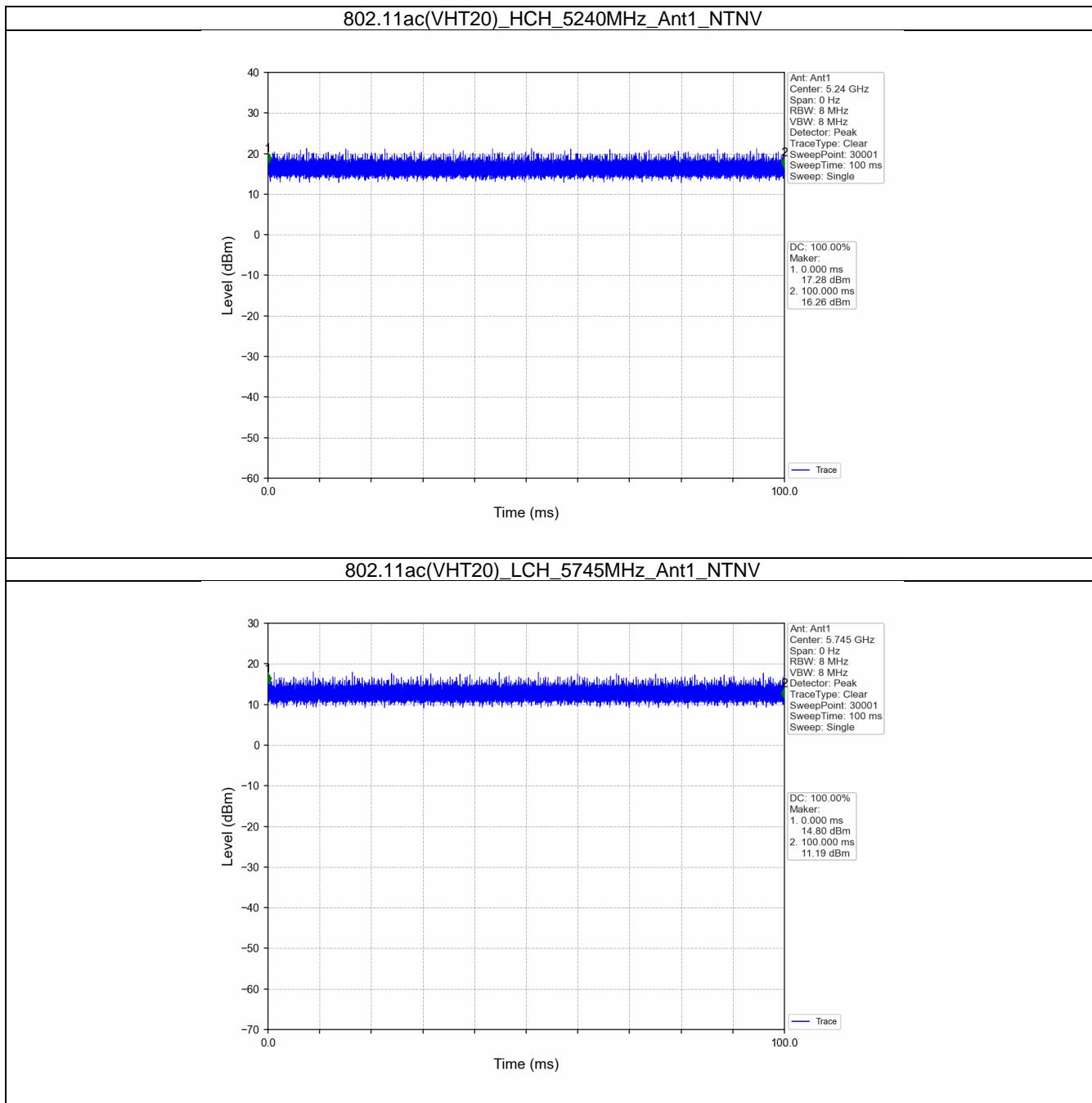




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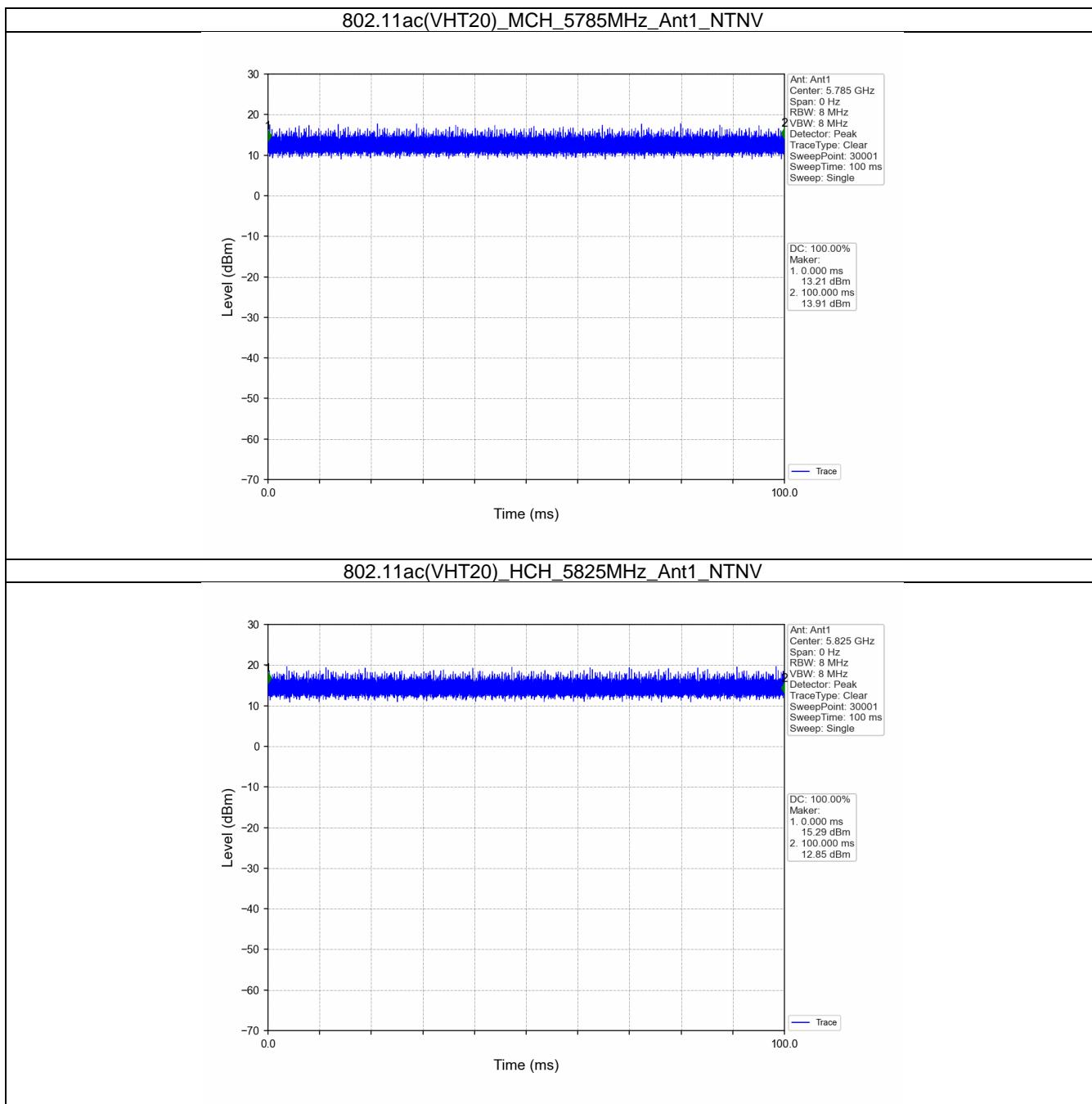




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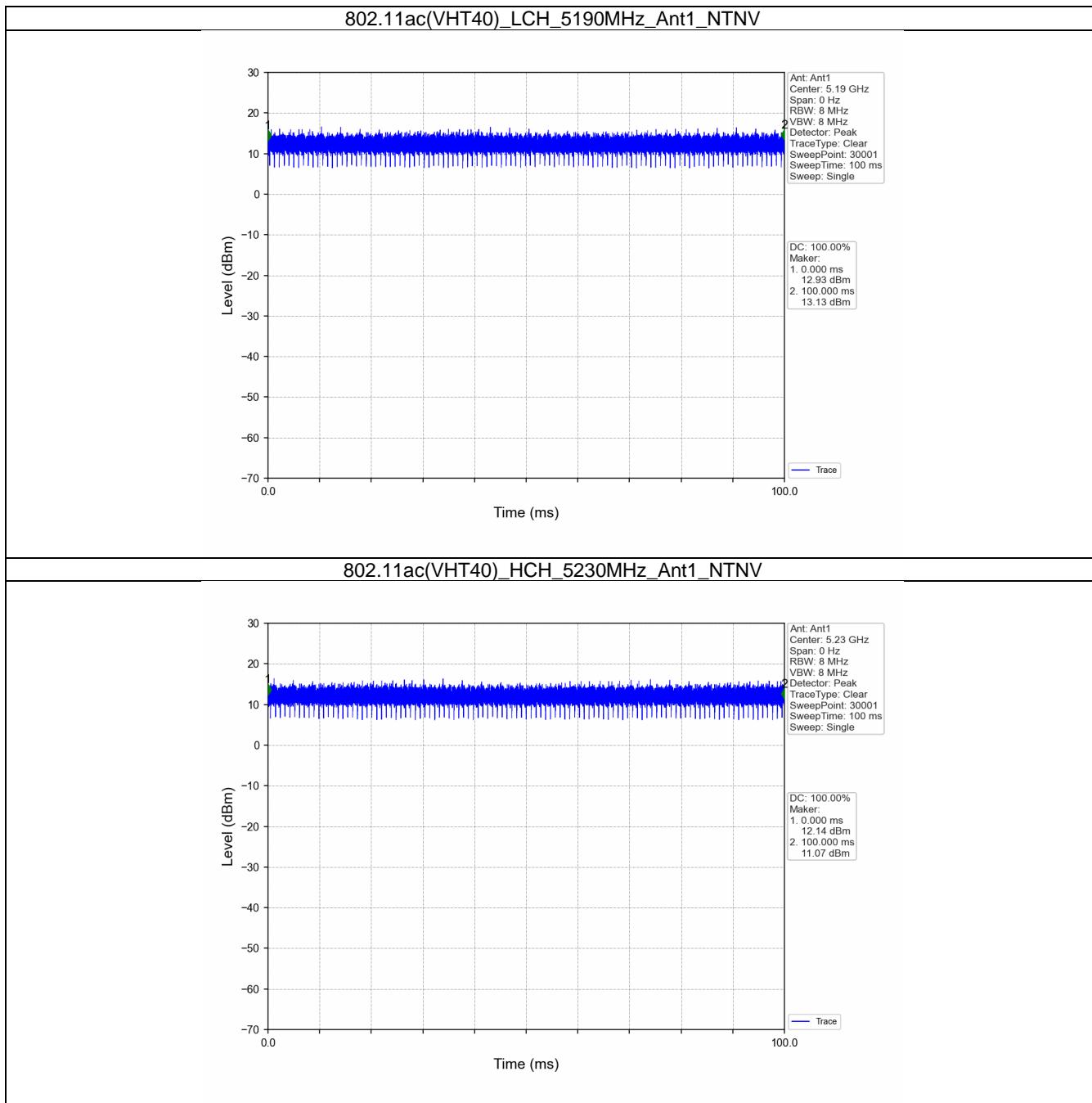
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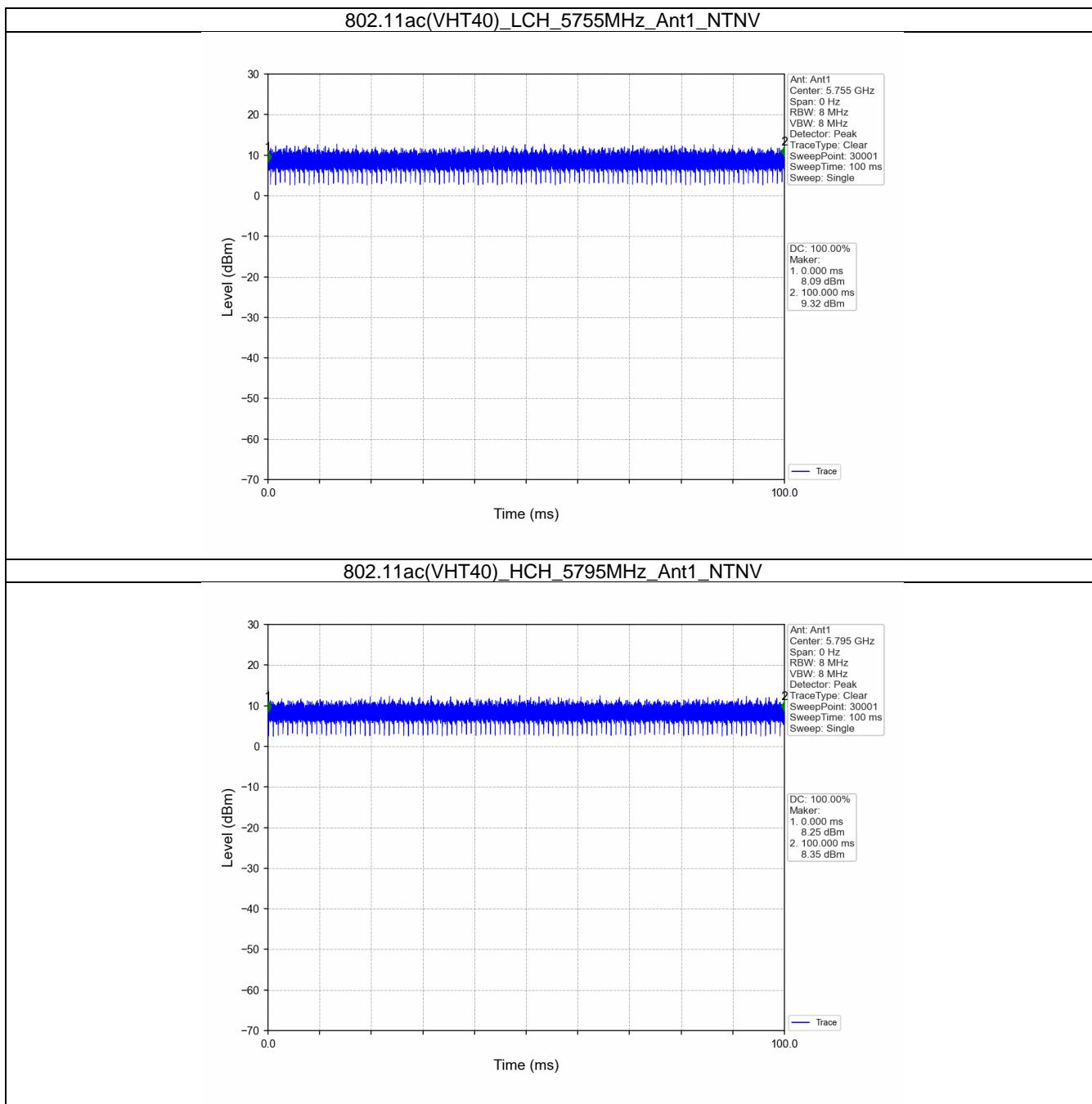
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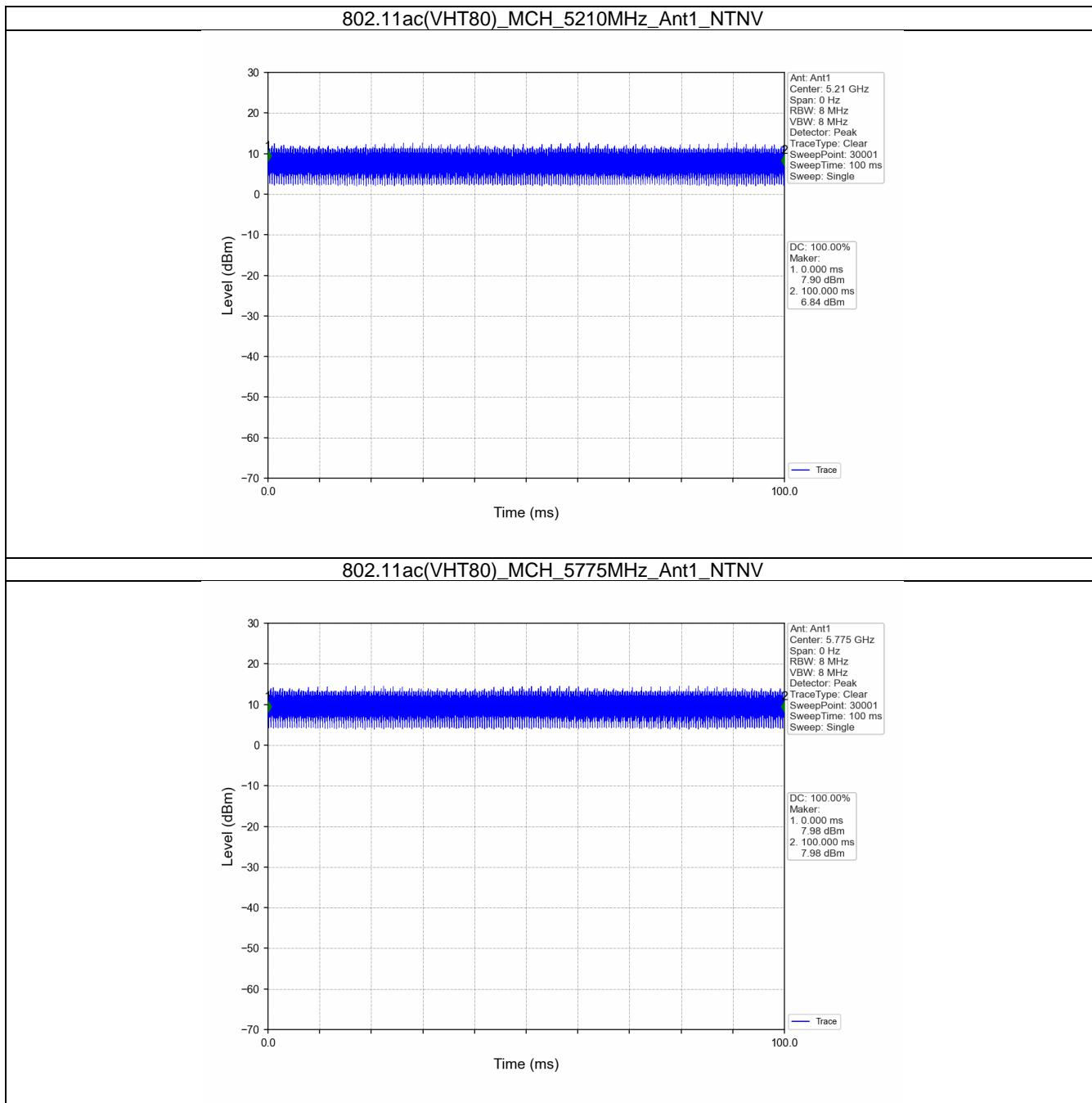




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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)		Verdict
				Result		
802.11a	SISO	5180	1	16.673		Pass
			2	16.634		Pass
		5200	1	16.686		Pass
			2	16.630		Pass
		5240	1	16.686		Pass
			2	16.617		Pass
		5745	1	16.684		Pass
			2	16.655		Pass
		5785	1	16.684		Pass
			2	16.630		Pass
		5825	1	16.662		Pass
			2	16.615		Pass
802.11n (HT20)	MIMO	5180	1	17.761		Pass
			2	17.771		Pass
		5200	1	17.761		Pass
			2	17.761		Pass
		5240	1	17.755		Pass
			2	17.756		Pass
		5745	1	17.775		Pass
			2	17.774		Pass
		5785	1	17.785		Pass
			2	17.754		Pass
		5825	1	17.789		Pass
			2	17.754		Pass
802.11n (HT40)	MIMO	5190	1	36.410		Pass
			2	36.452		Pass
		5230	1	36.446		Pass
			2	36.408		Pass
		5755	1	36.407		Pass
			2	36.366		Pass
		5795	1	36.439		Pass
			2	36.410		Pass
802.11ac (VHT20)	MIMO	5180	1	17.794		Pass
			2	17.755		Pass
		5200	1	17.787		Pass
			2	17.757		Pass
		5240	1	17.767		Pass
			2	17.750		Pass
		5745	1	17.786		Pass
			2	17.766		Pass
		5785	1	17.794		Pass
			2	17.740		Pass

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		5825	1	17.759	Pass
			2	17.761	Pass
802.11ac (VHT40)	MIMO	5190	1	36.457	Pass
			2	36.450	Pass
		5230	1	36.461	Pass
			2	36.446	Pass
		5755	1	36.476	Pass
			2	36.376	Pass
		5795	1	36.481	Pass
			2	36.510	Pass
		5210	1	75.077	Pass
			2	75.076	Pass
802.11ac (VHT80)	MIMO	5775	1	74.944	Pass
			2	74.954	Pass

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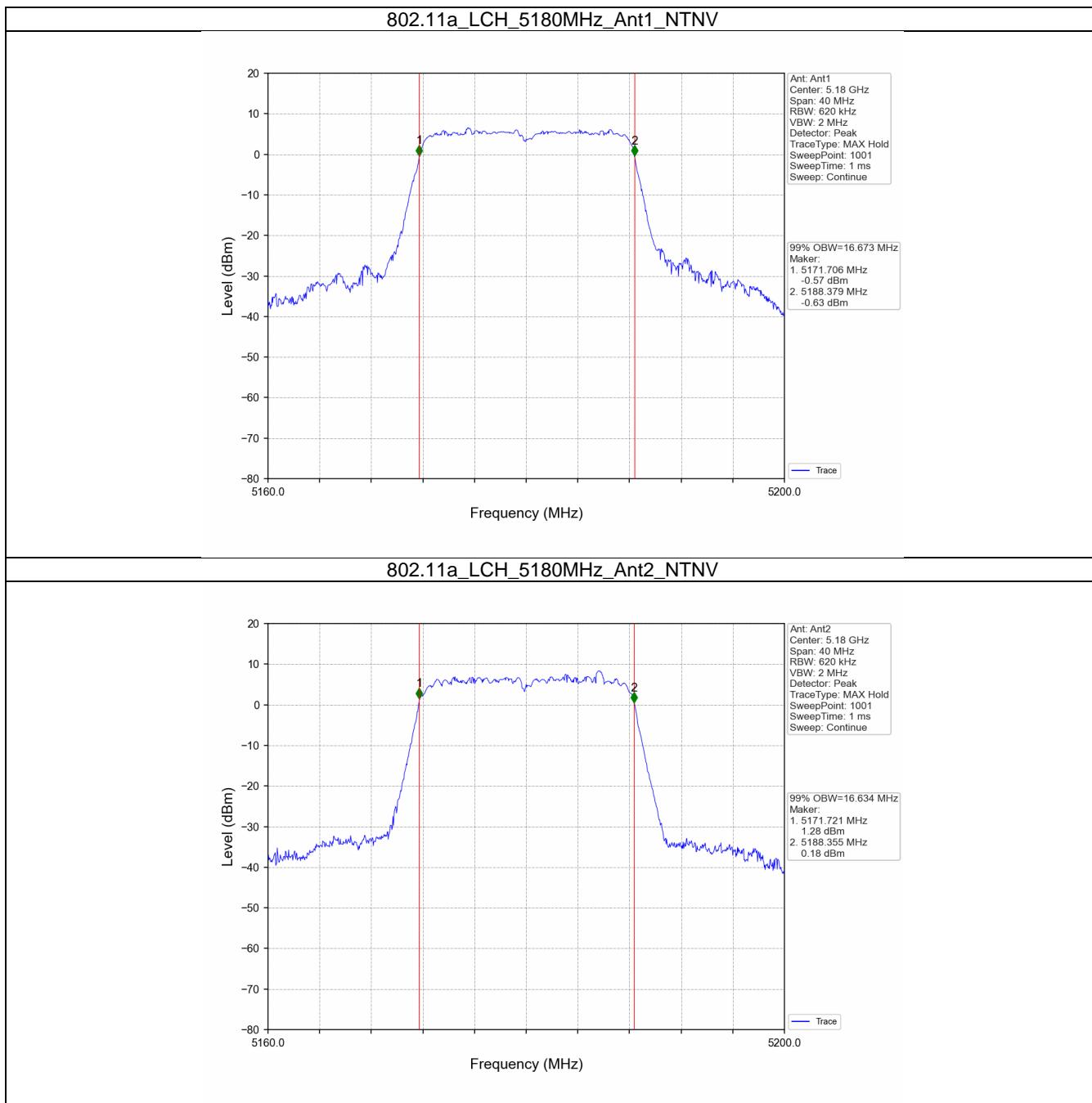
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## 2.1.2 Test Graph



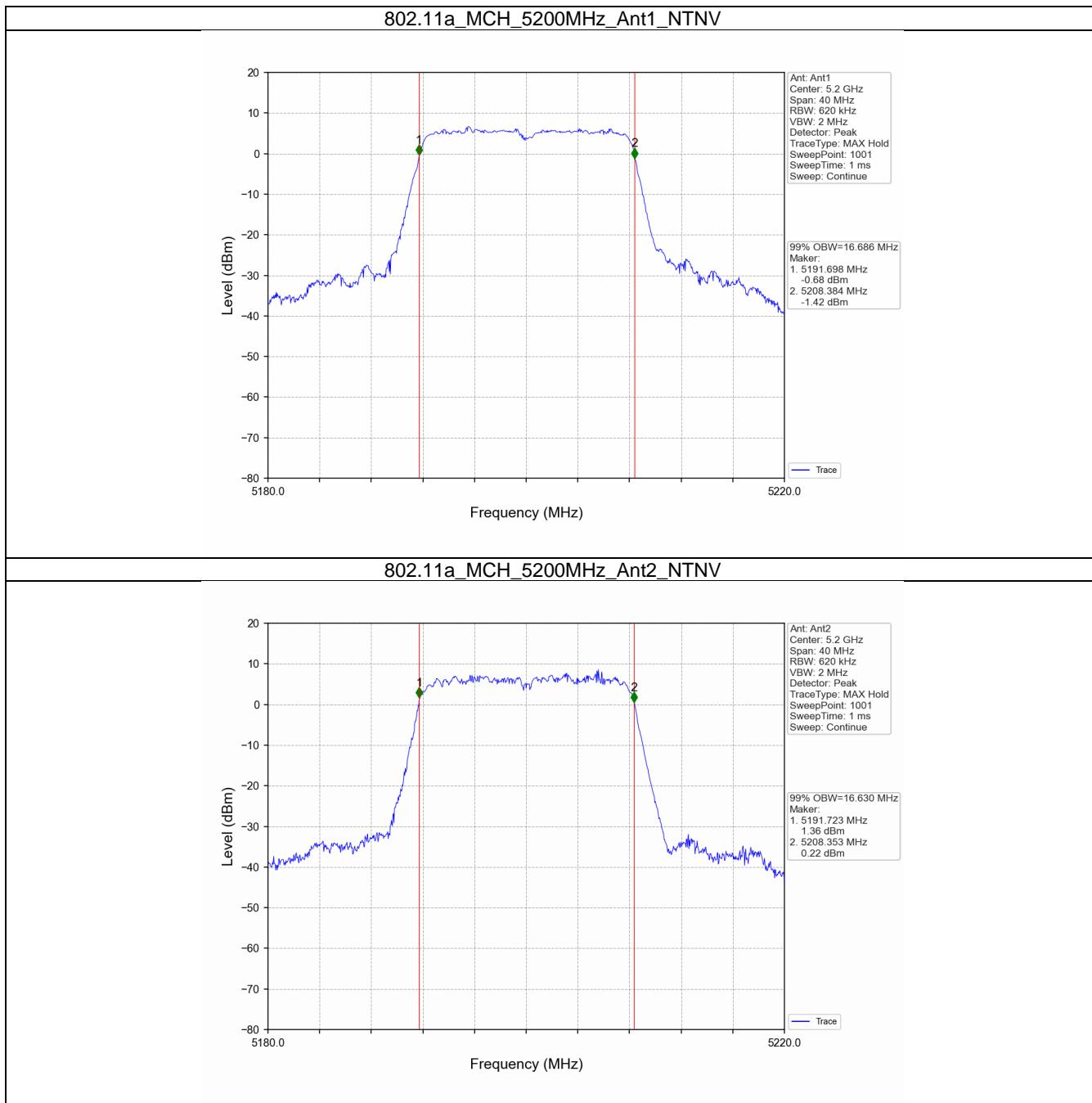
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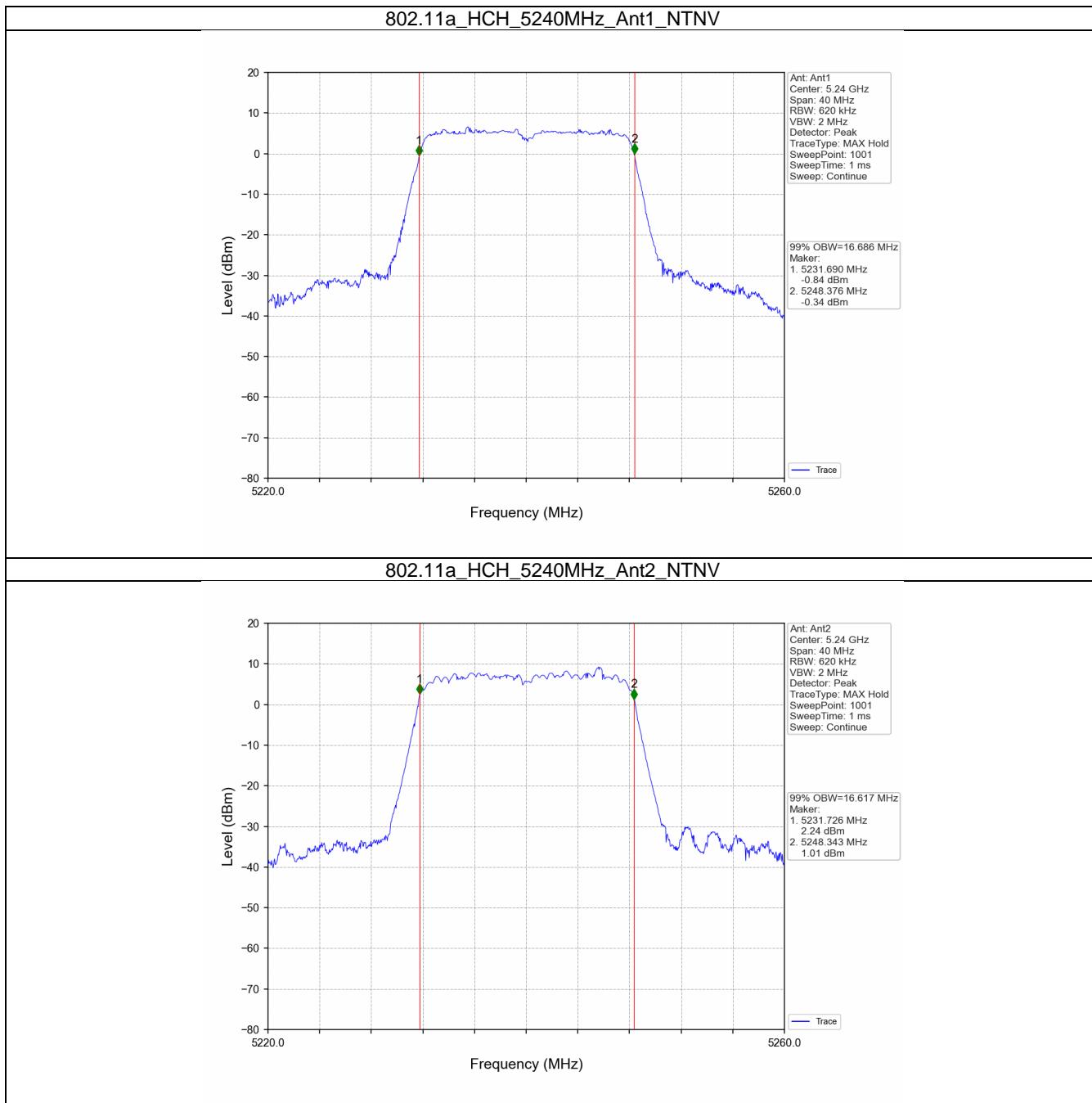
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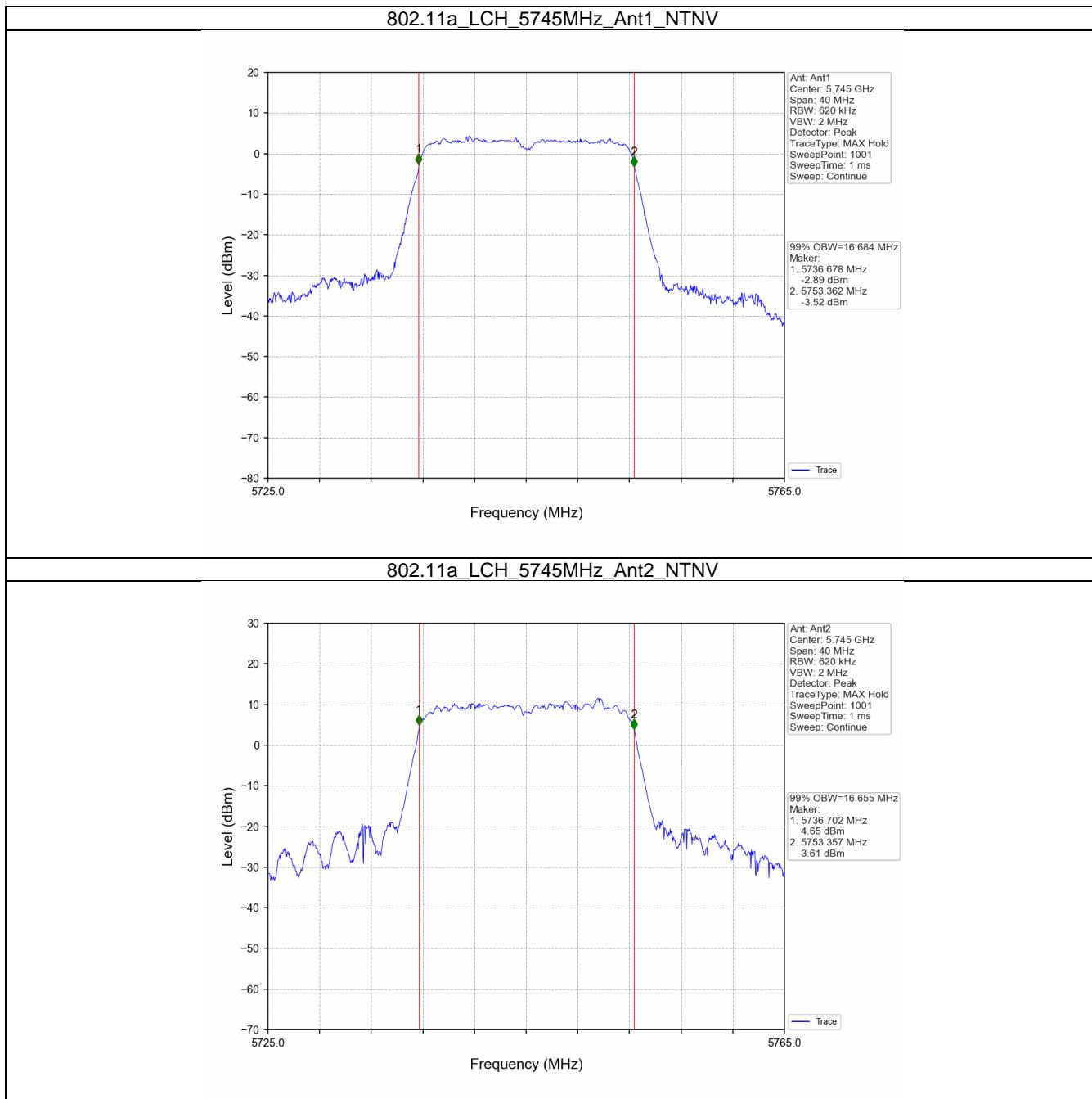
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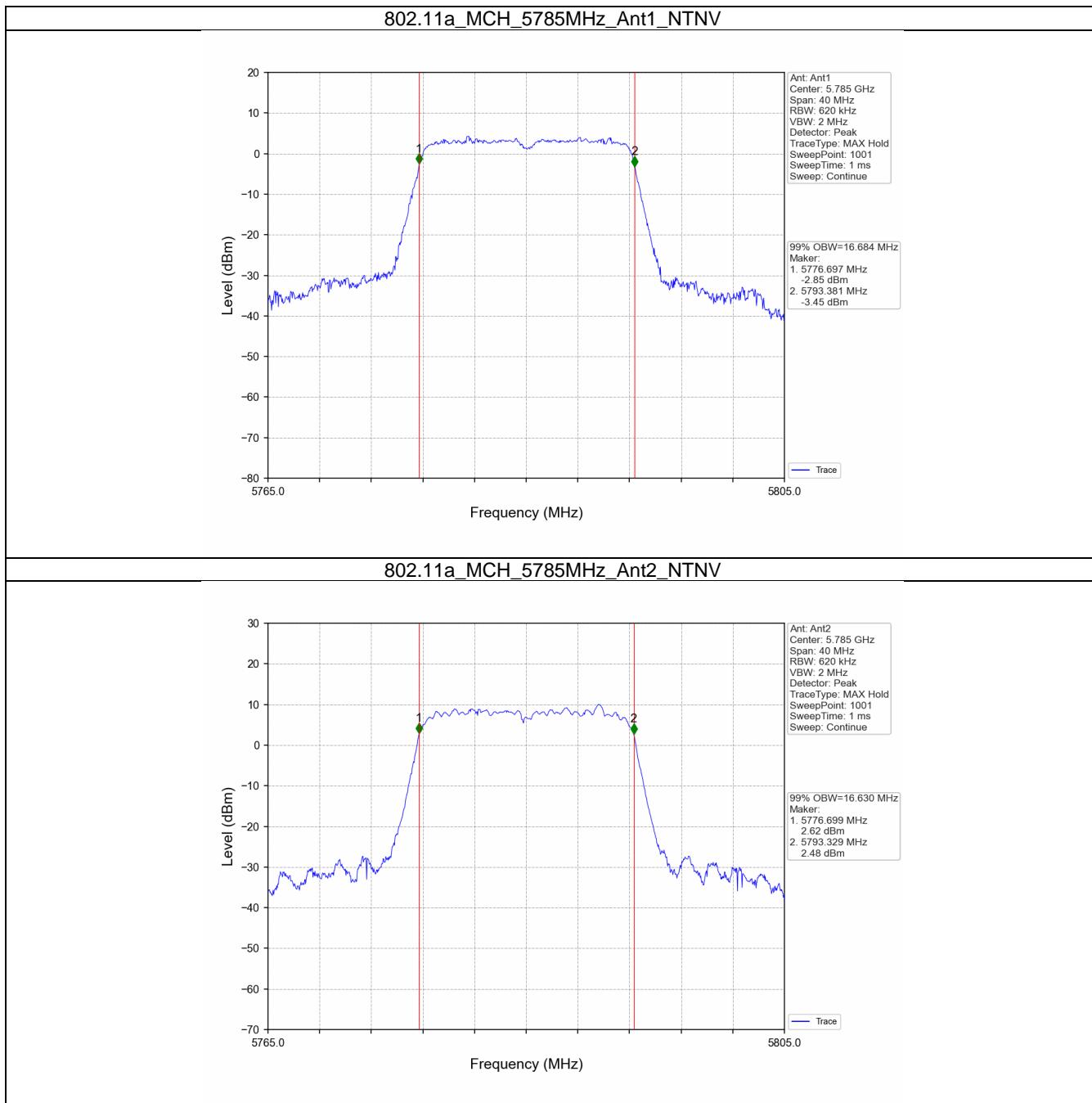
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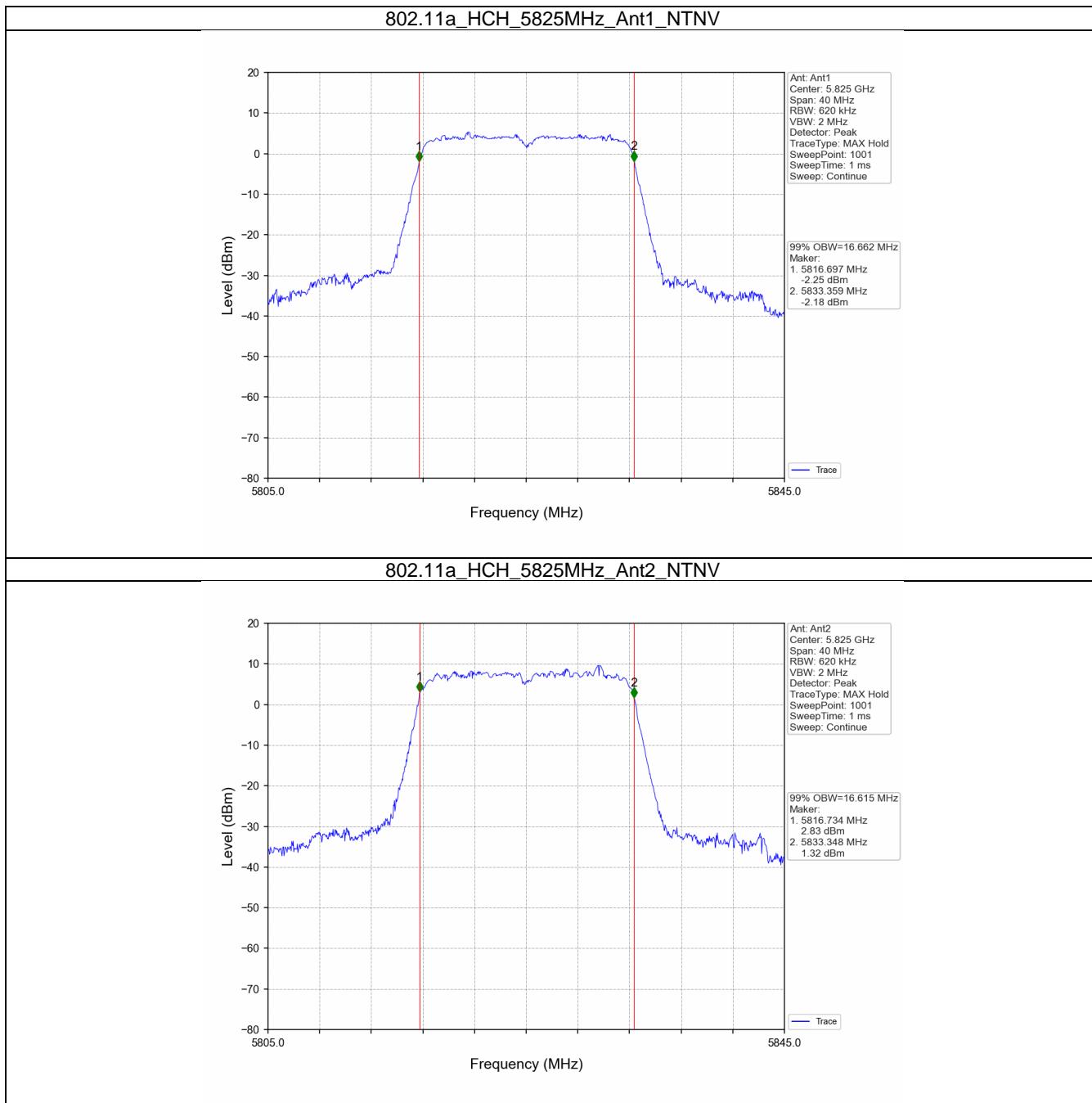
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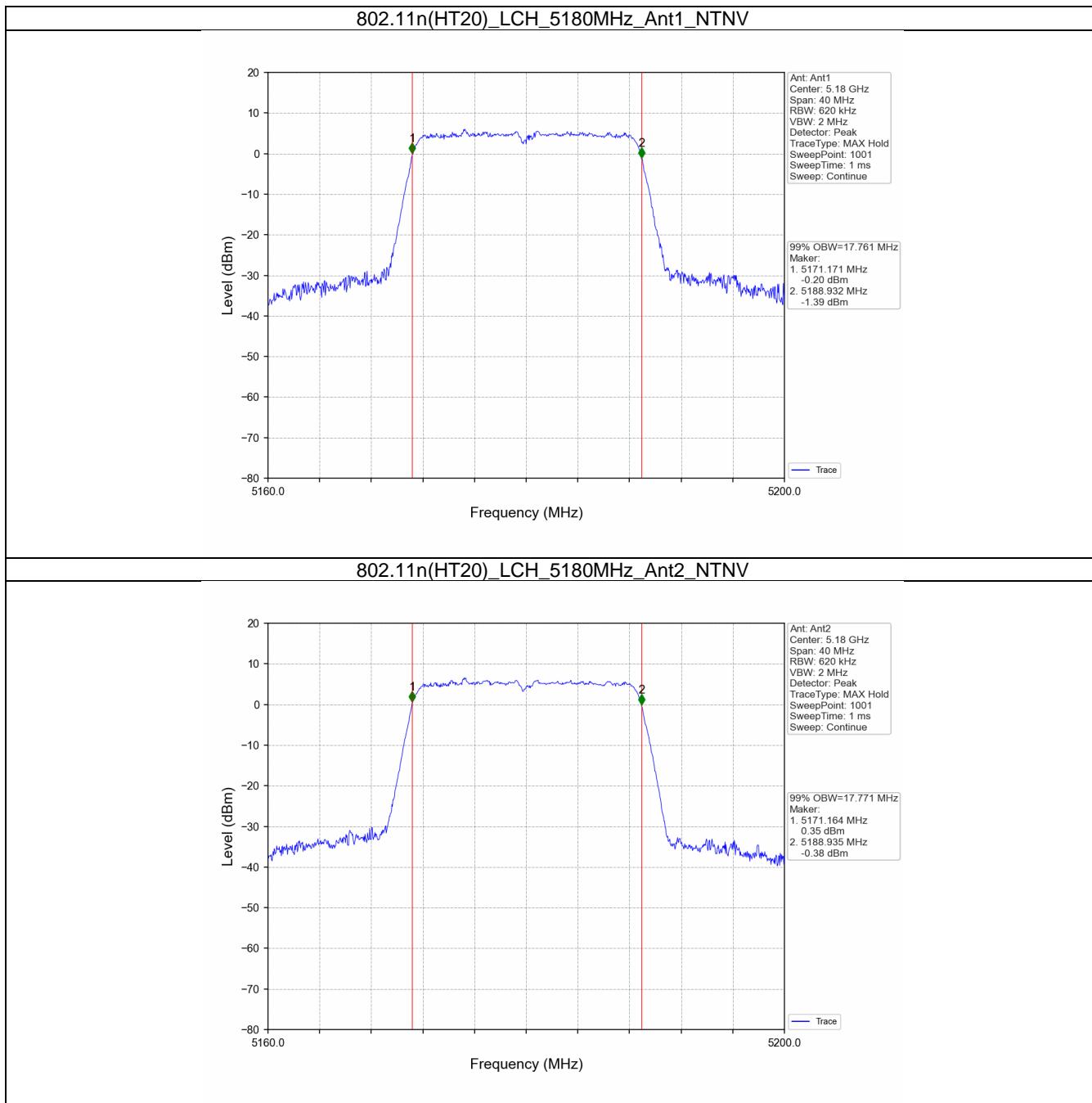
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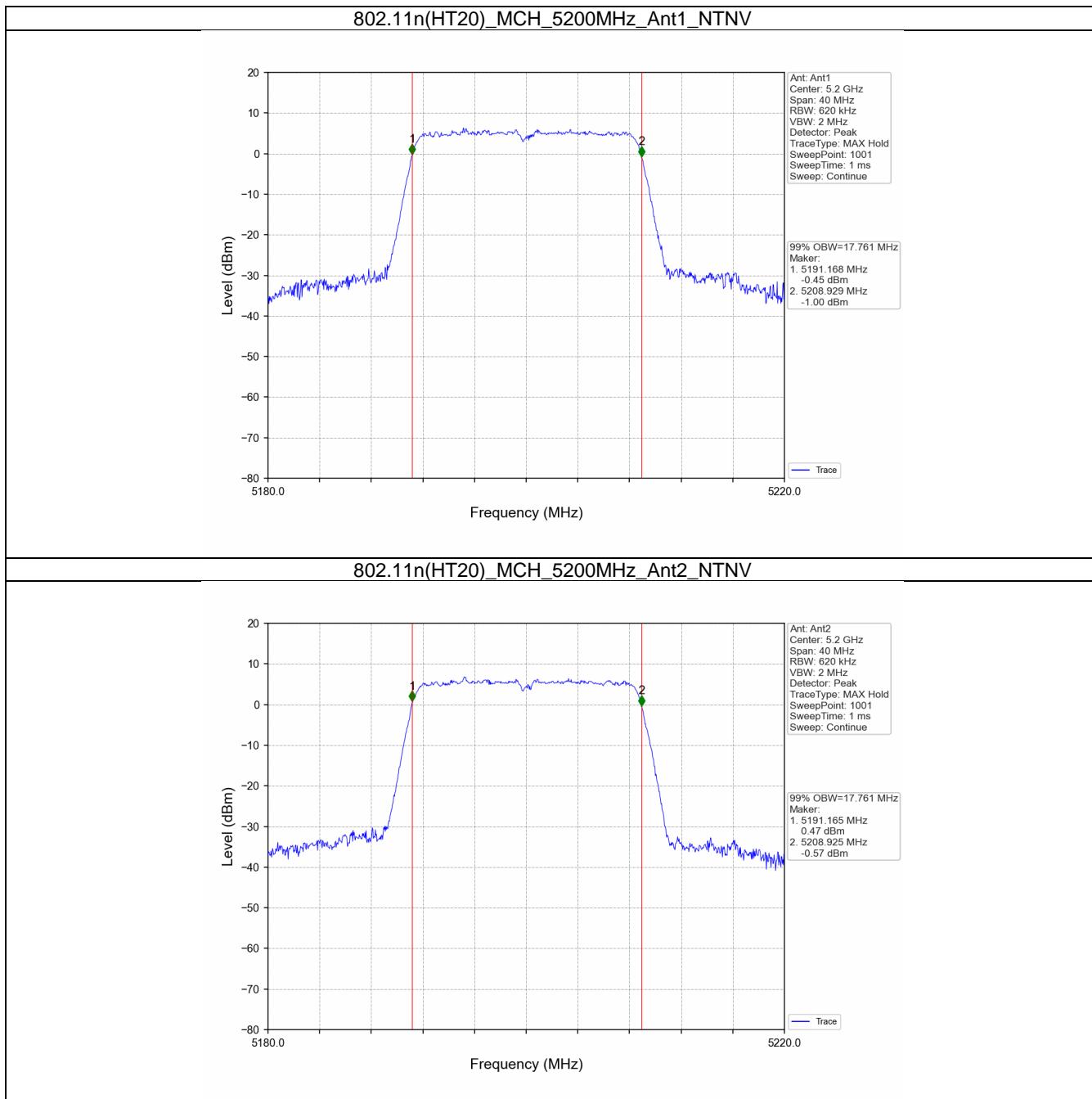




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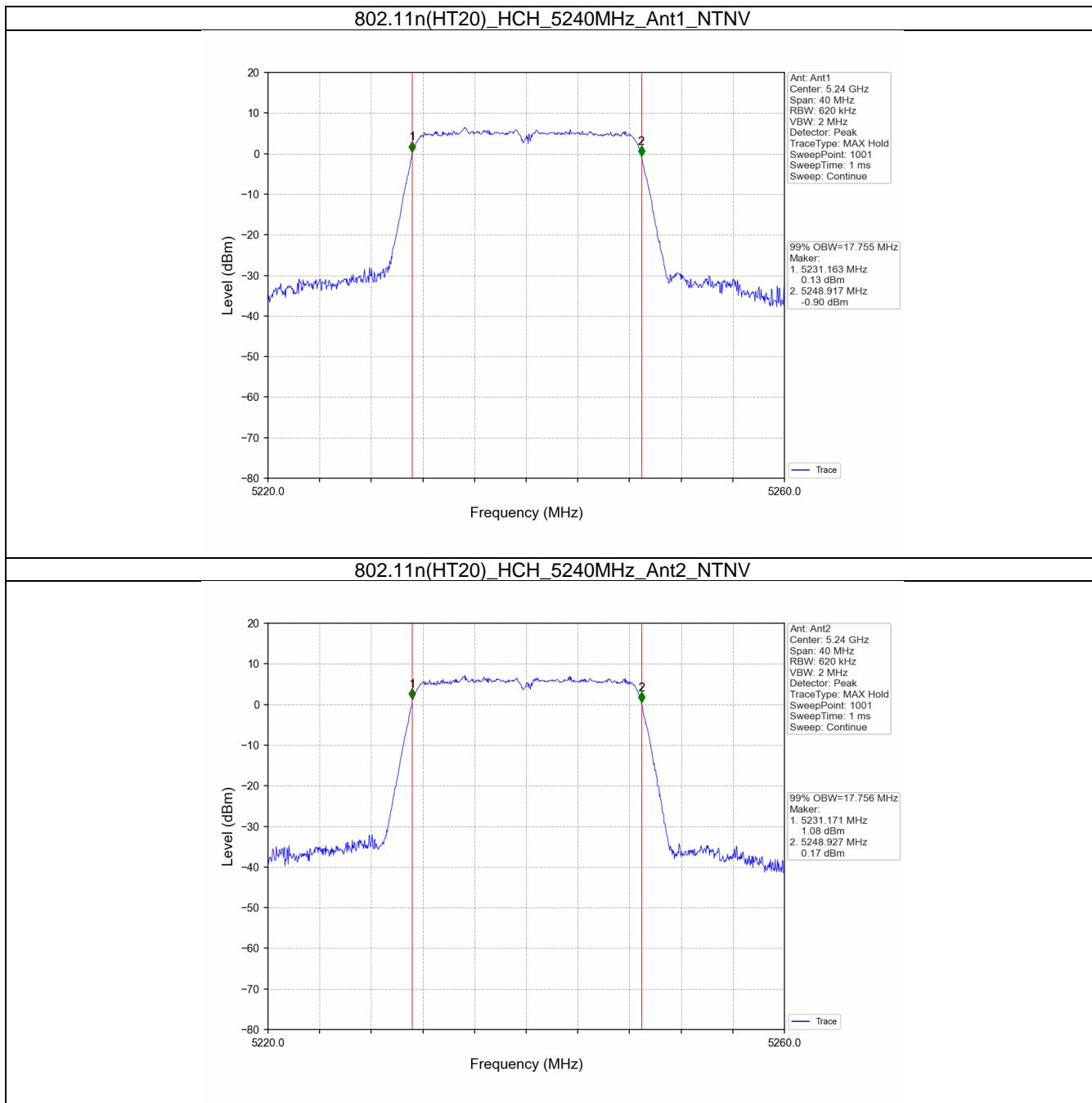




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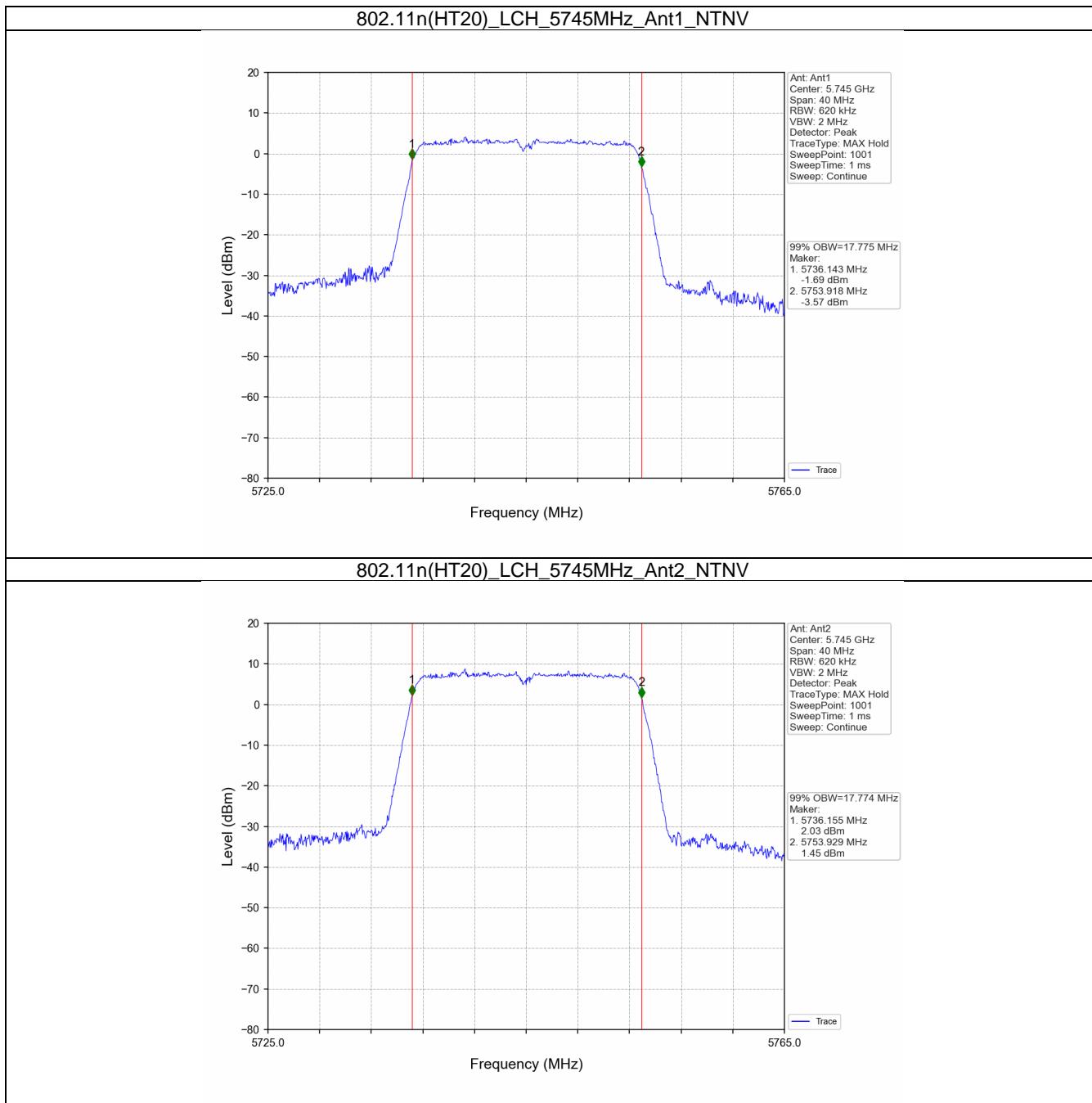
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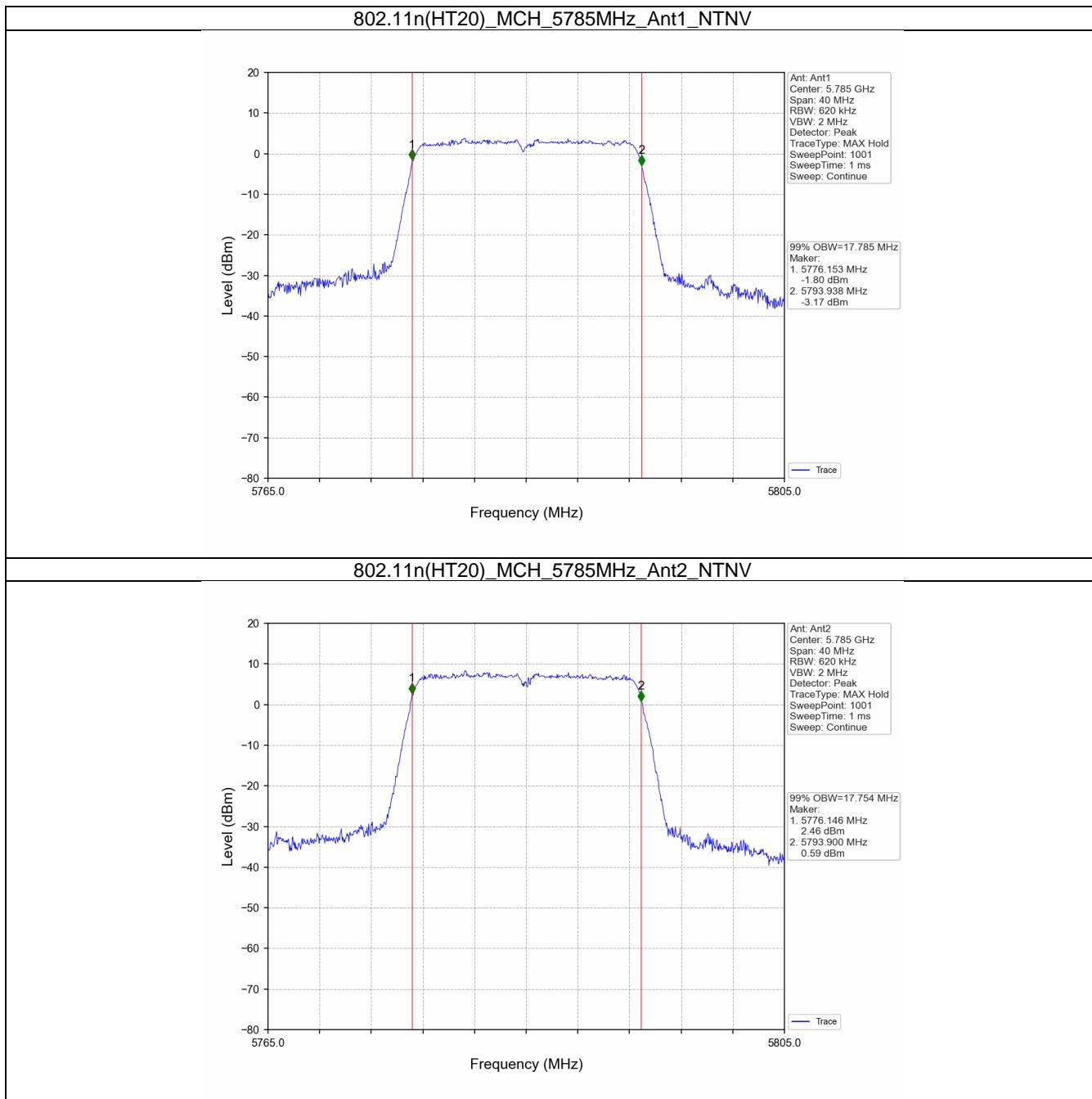
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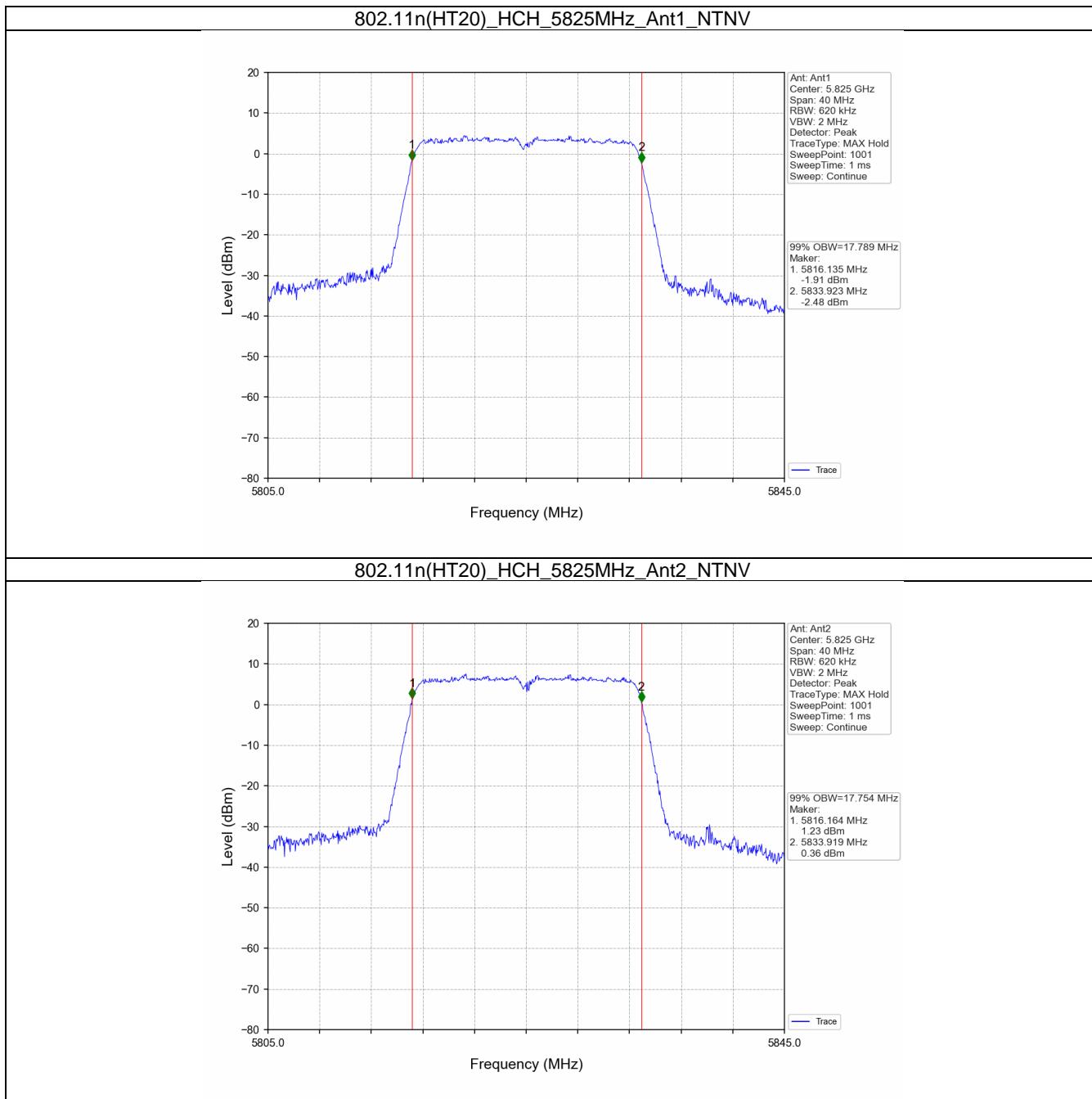
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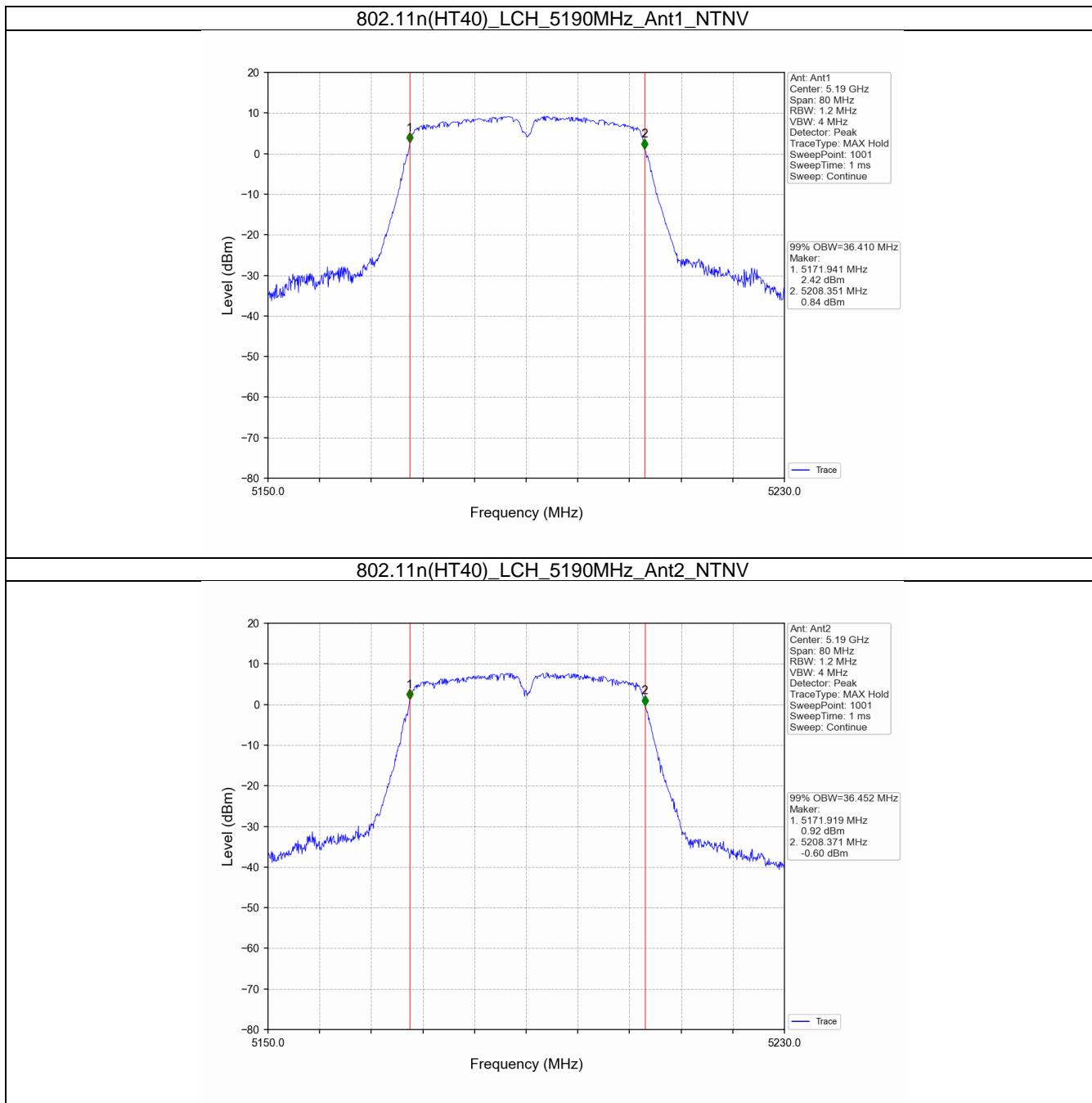
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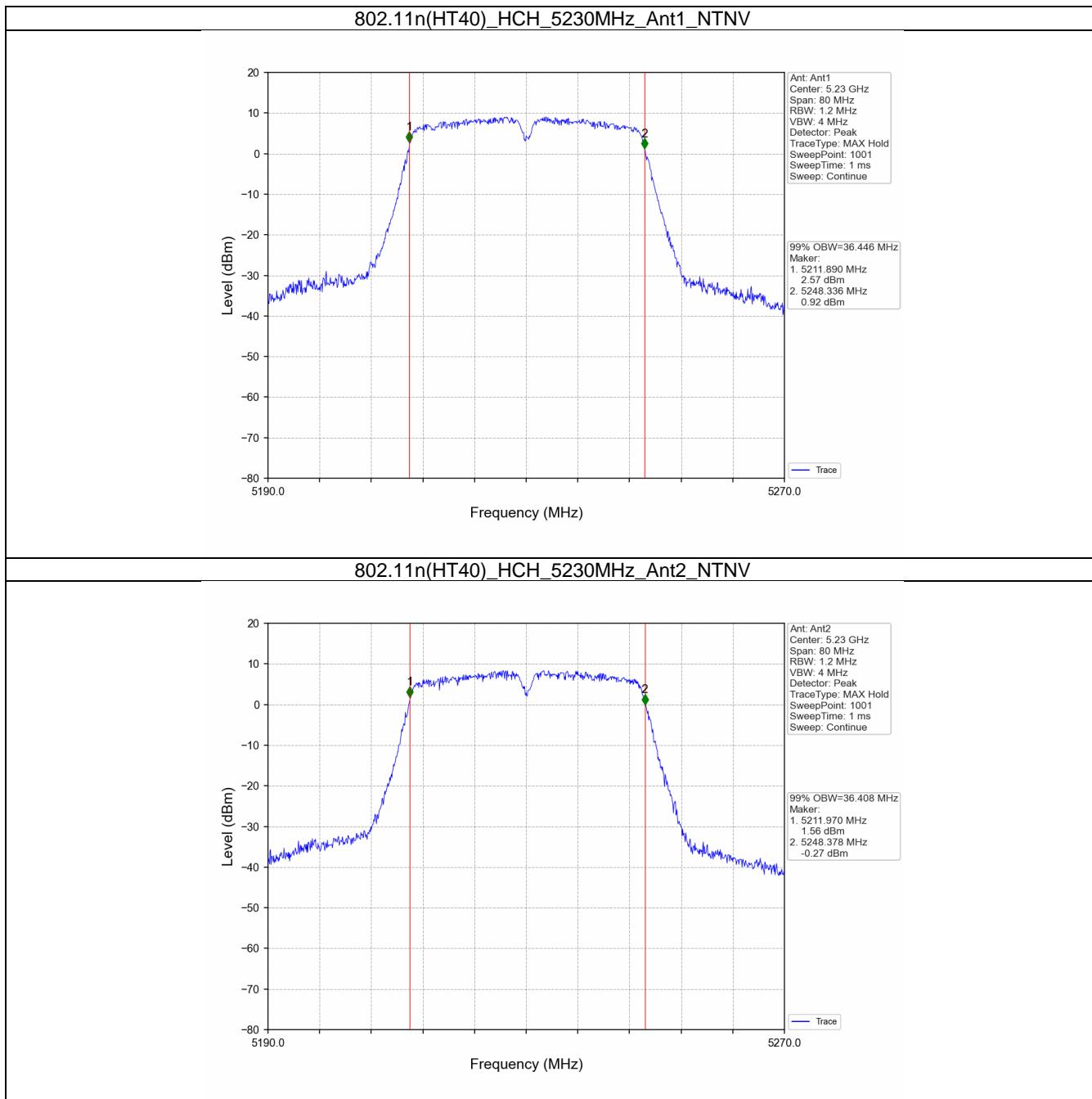
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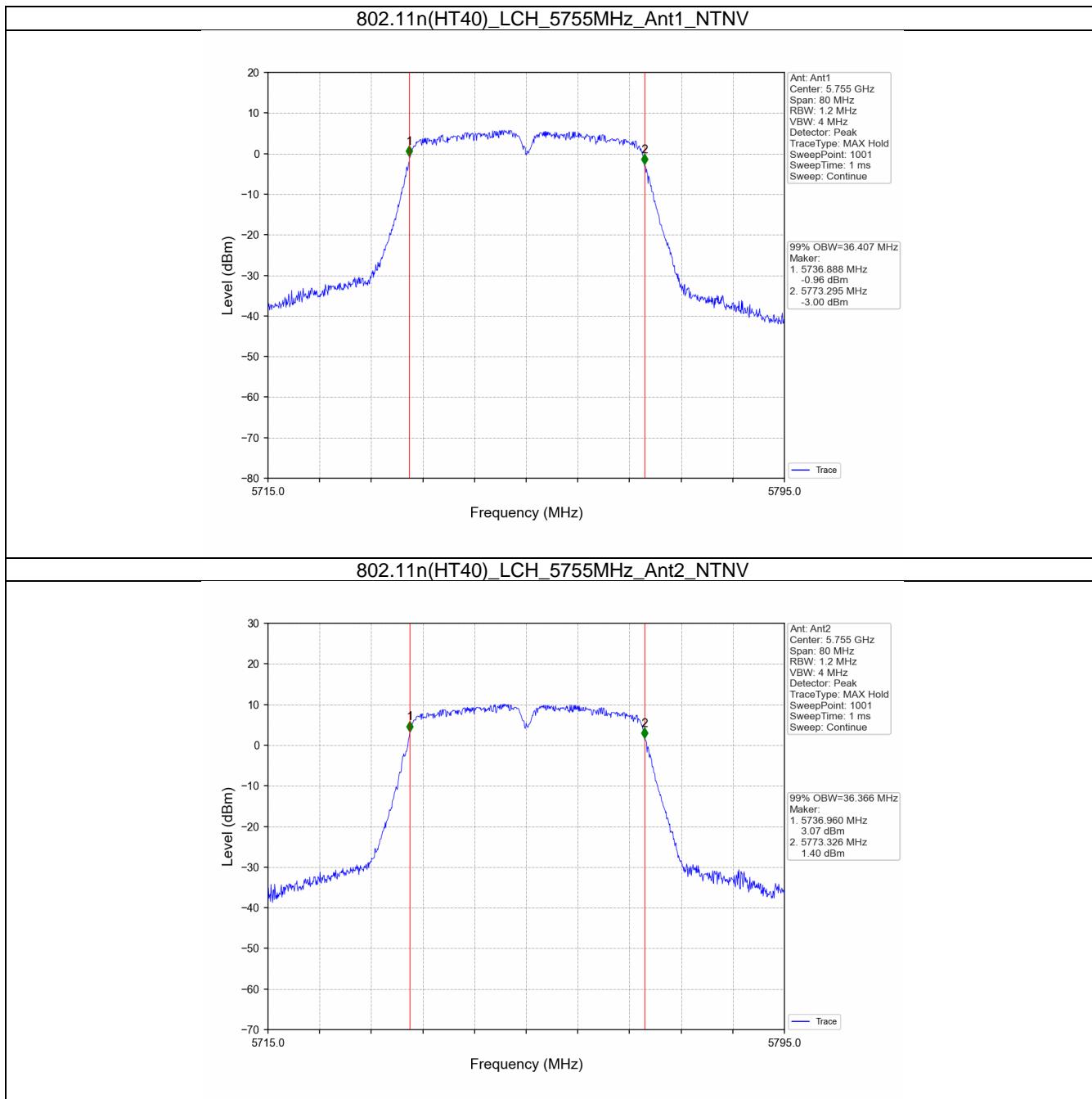
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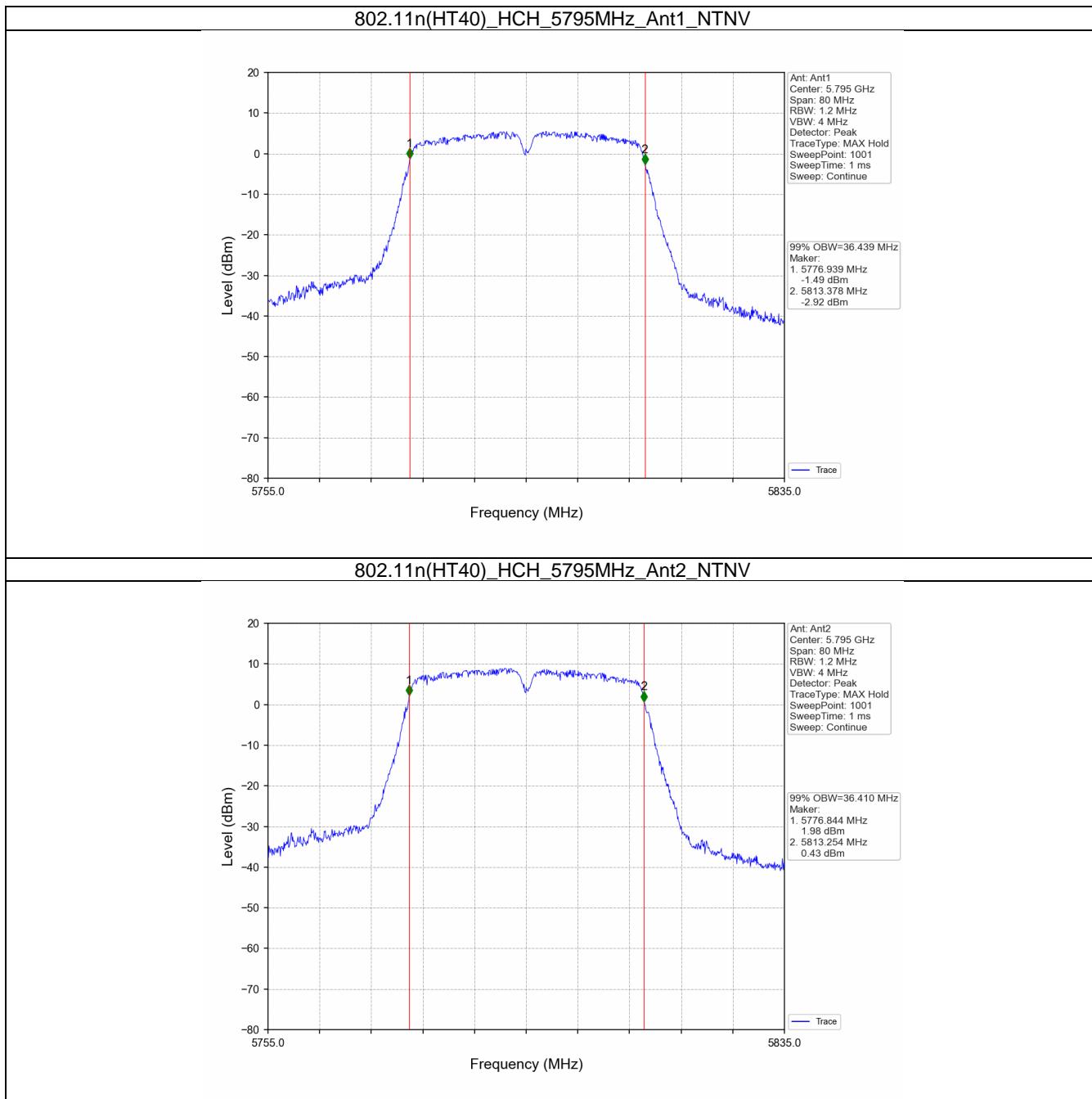
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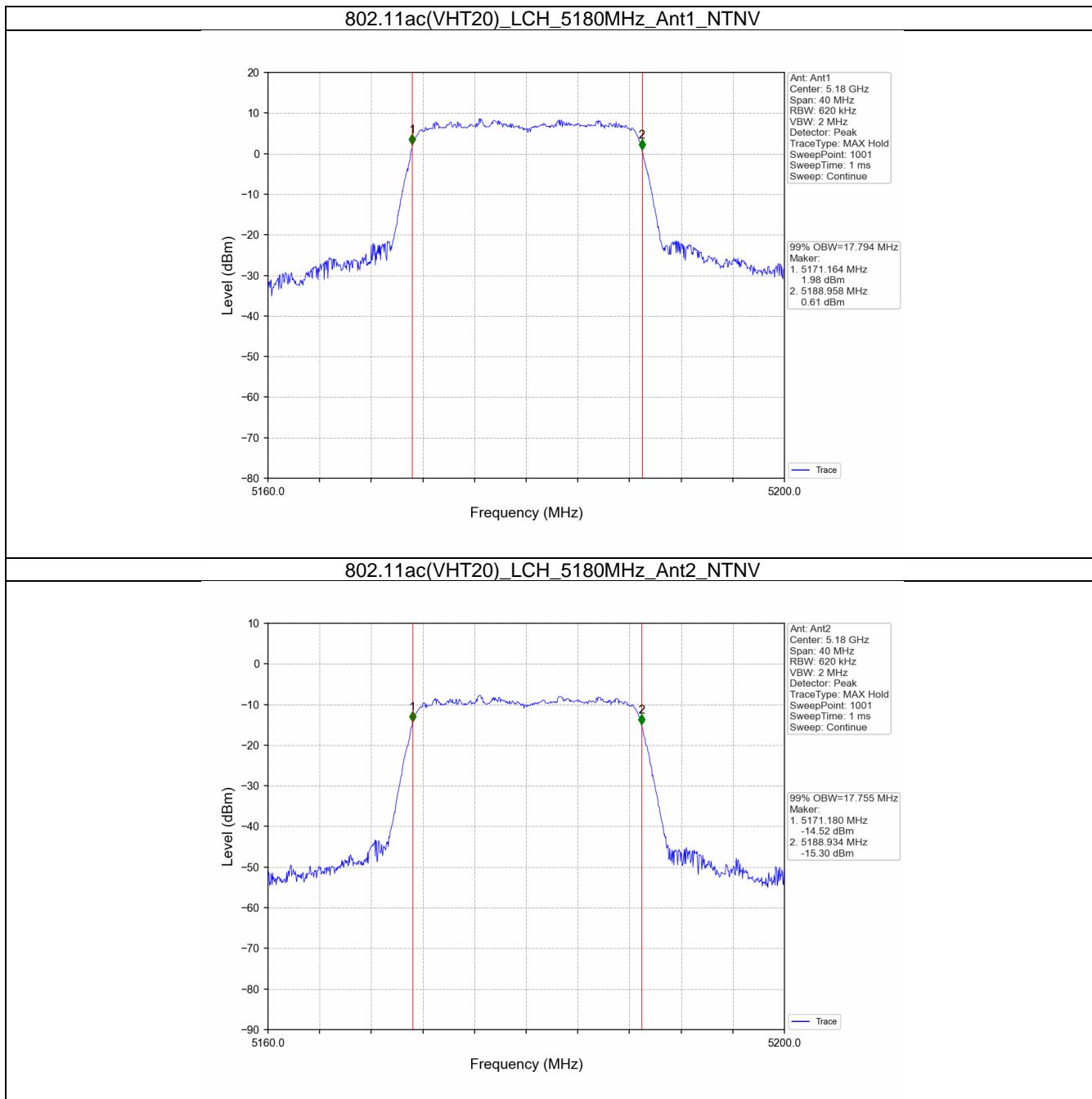




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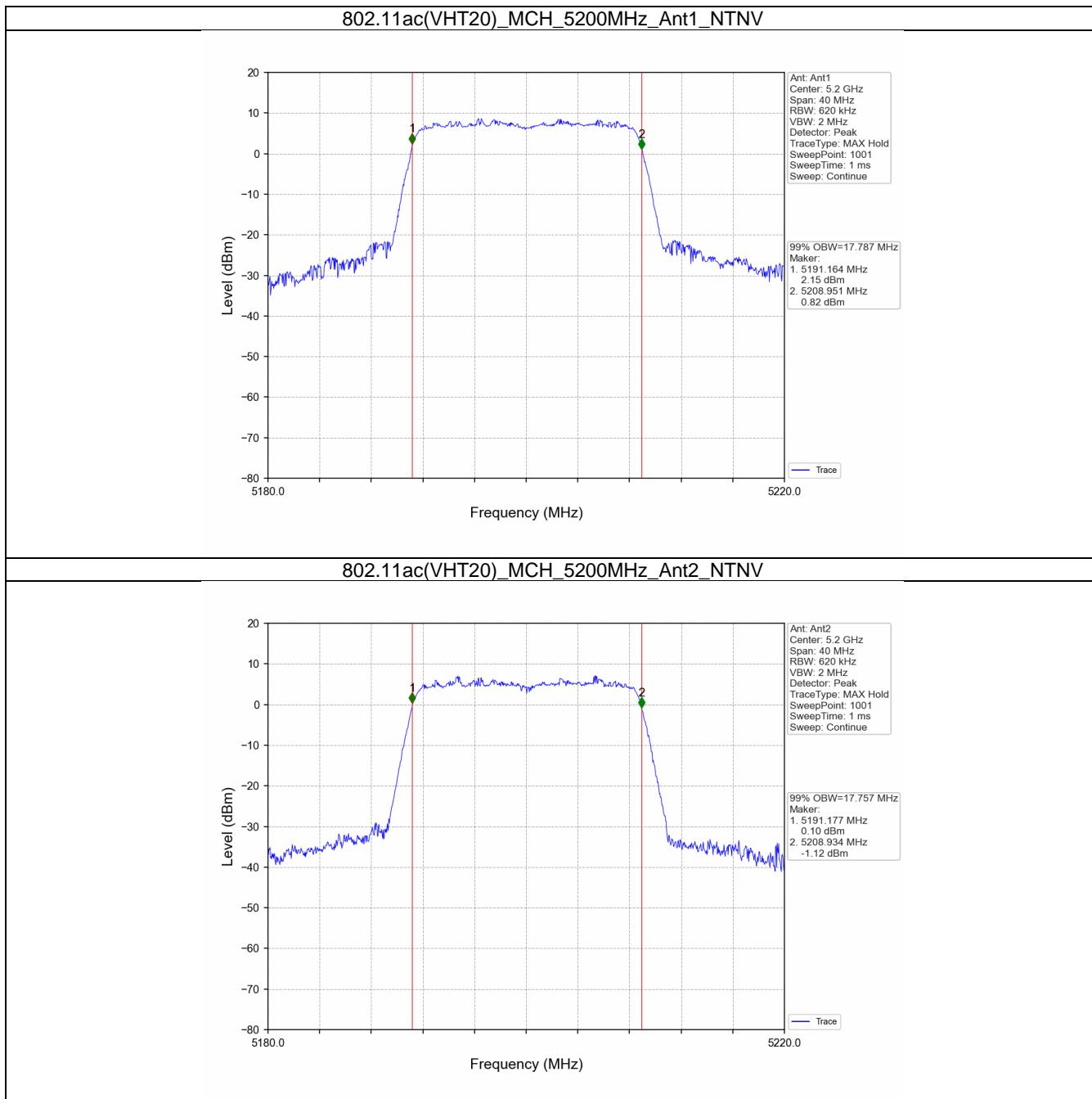
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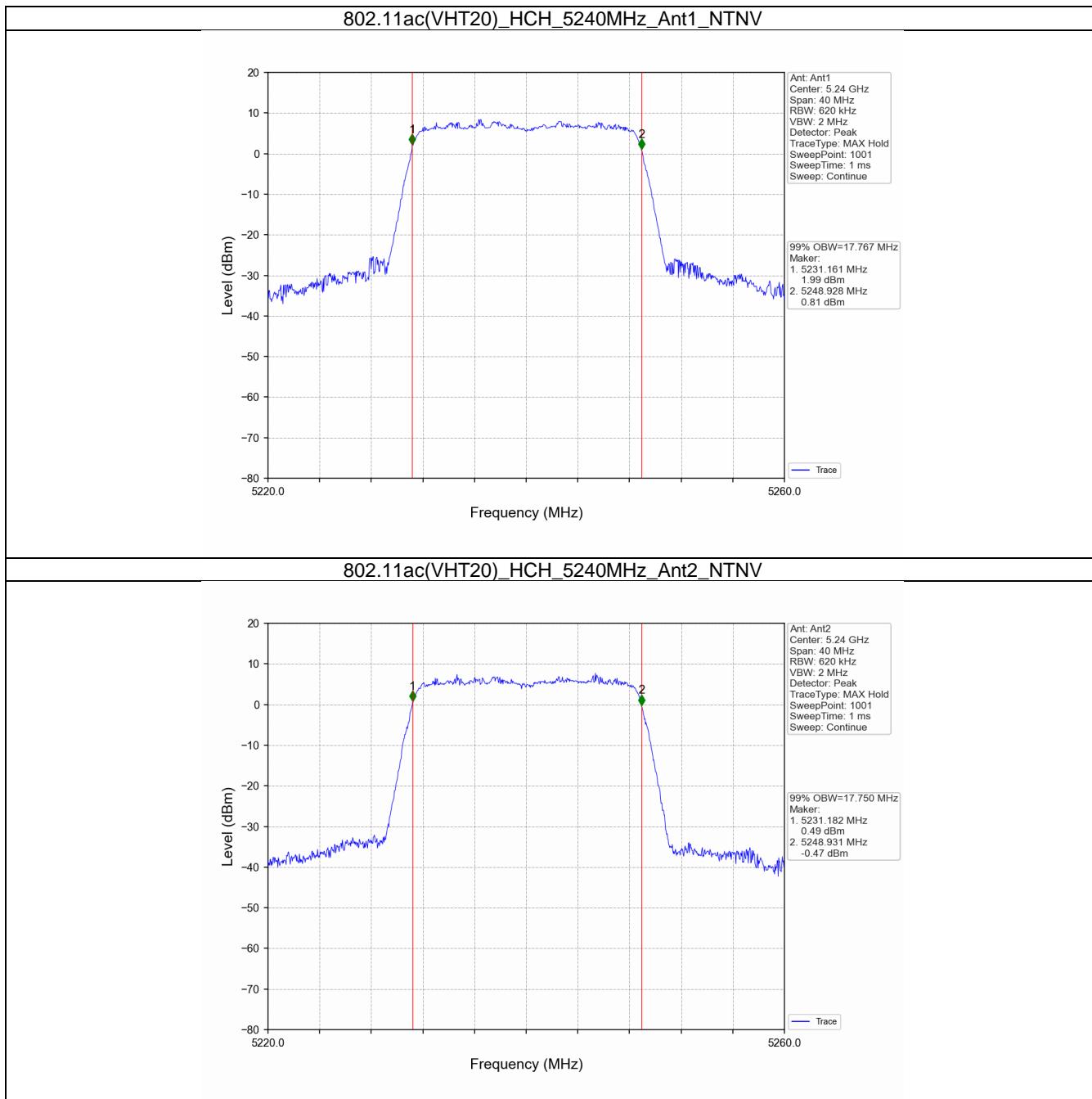
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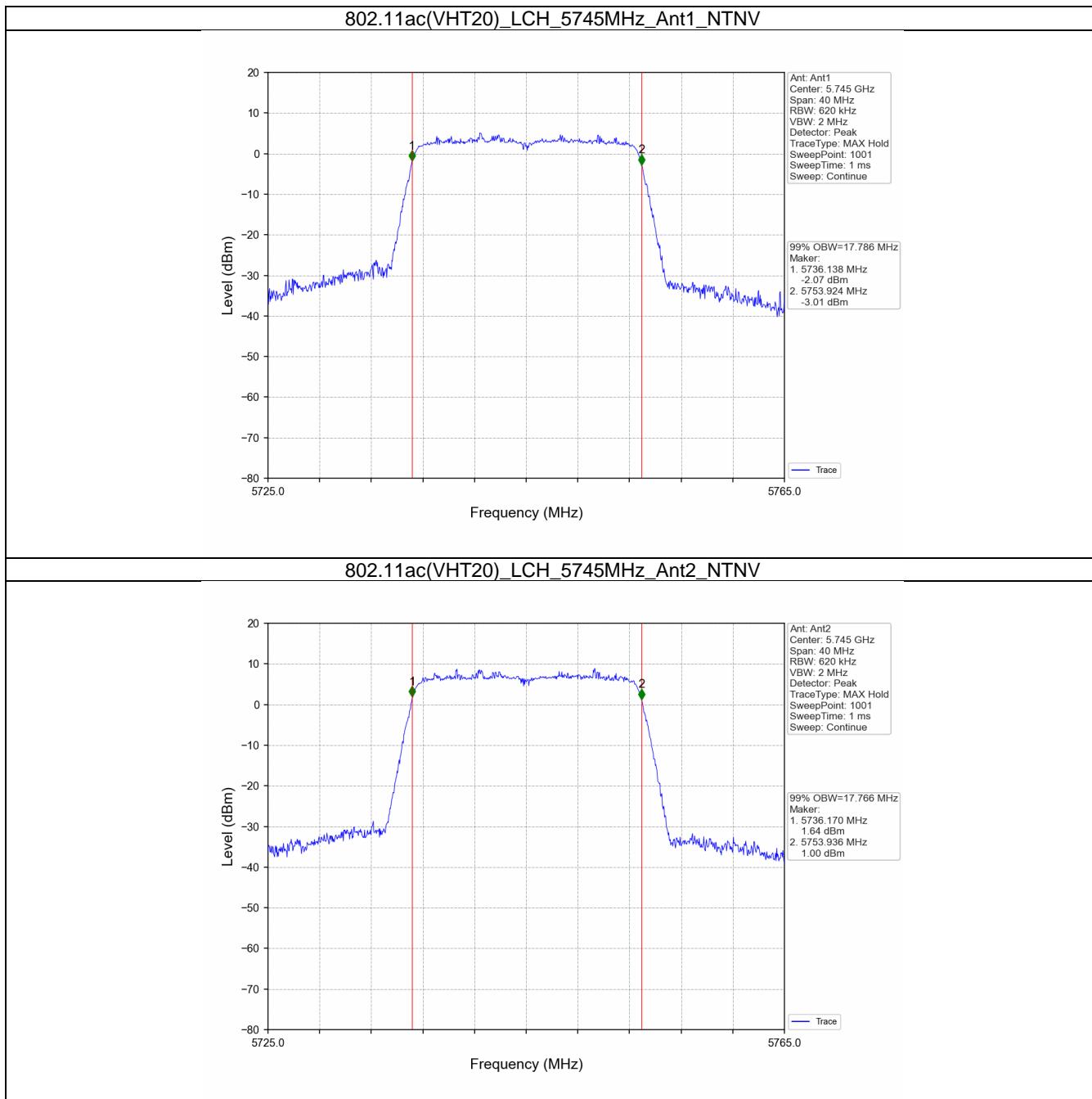
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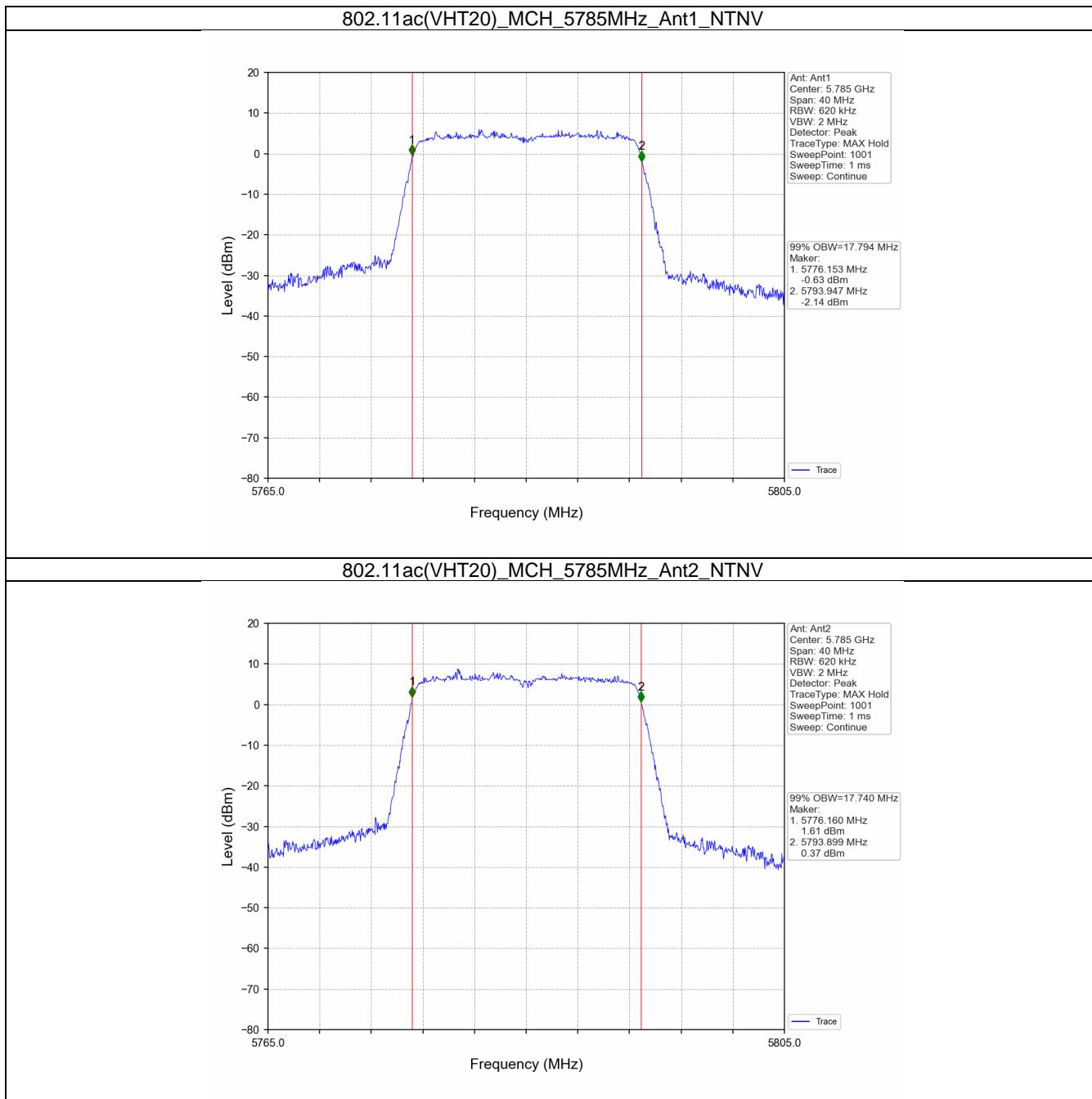
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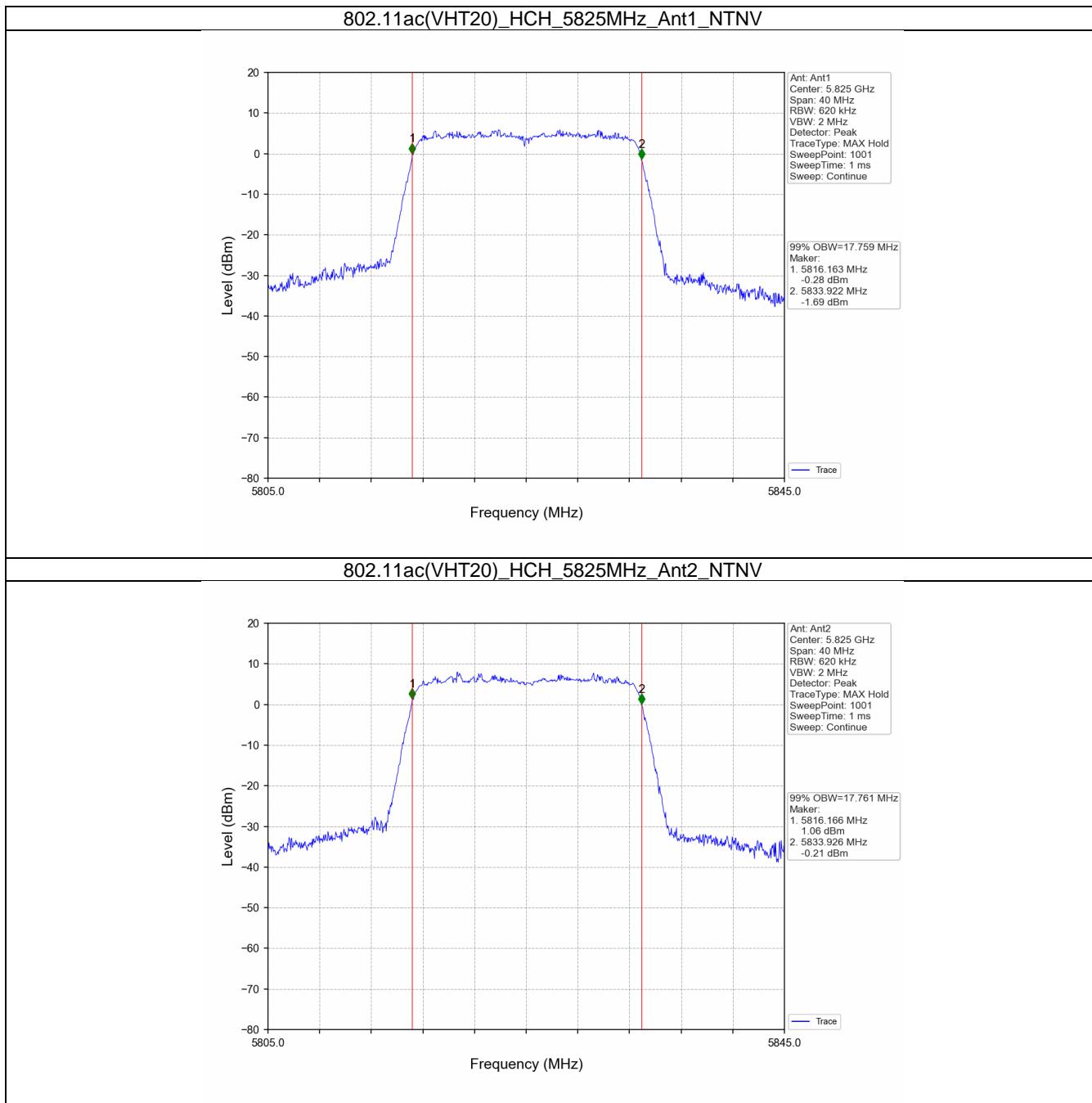
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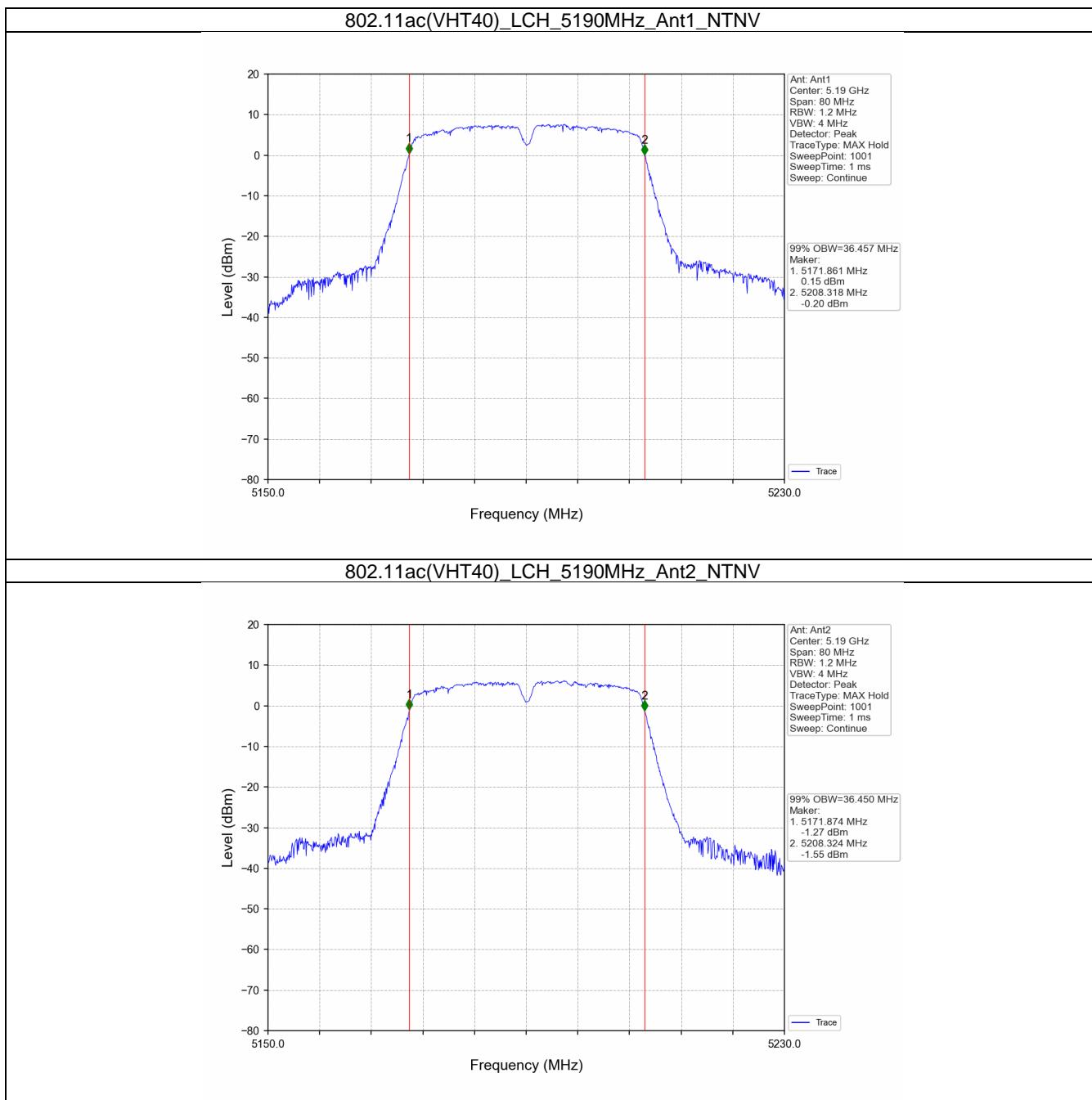
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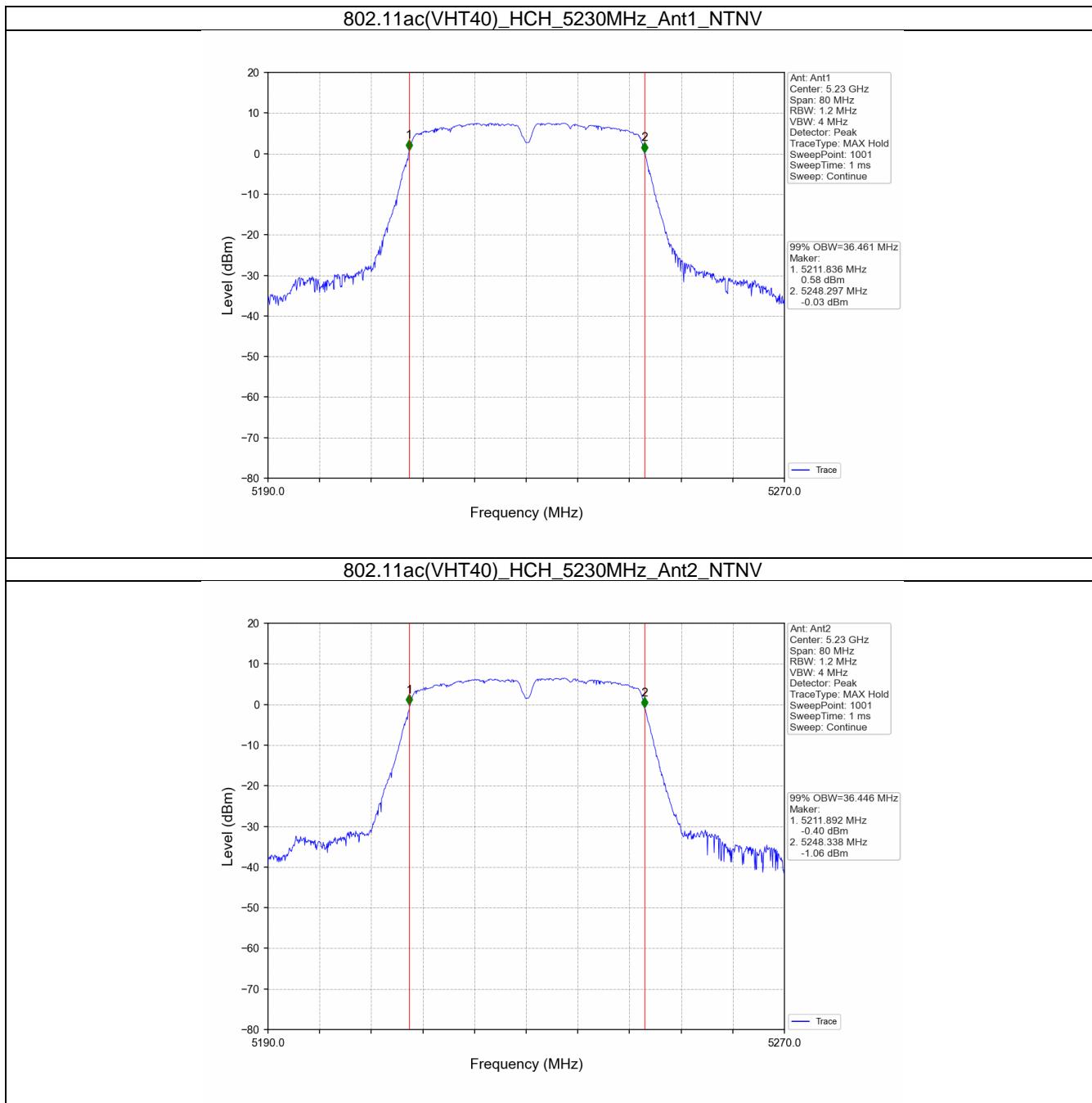




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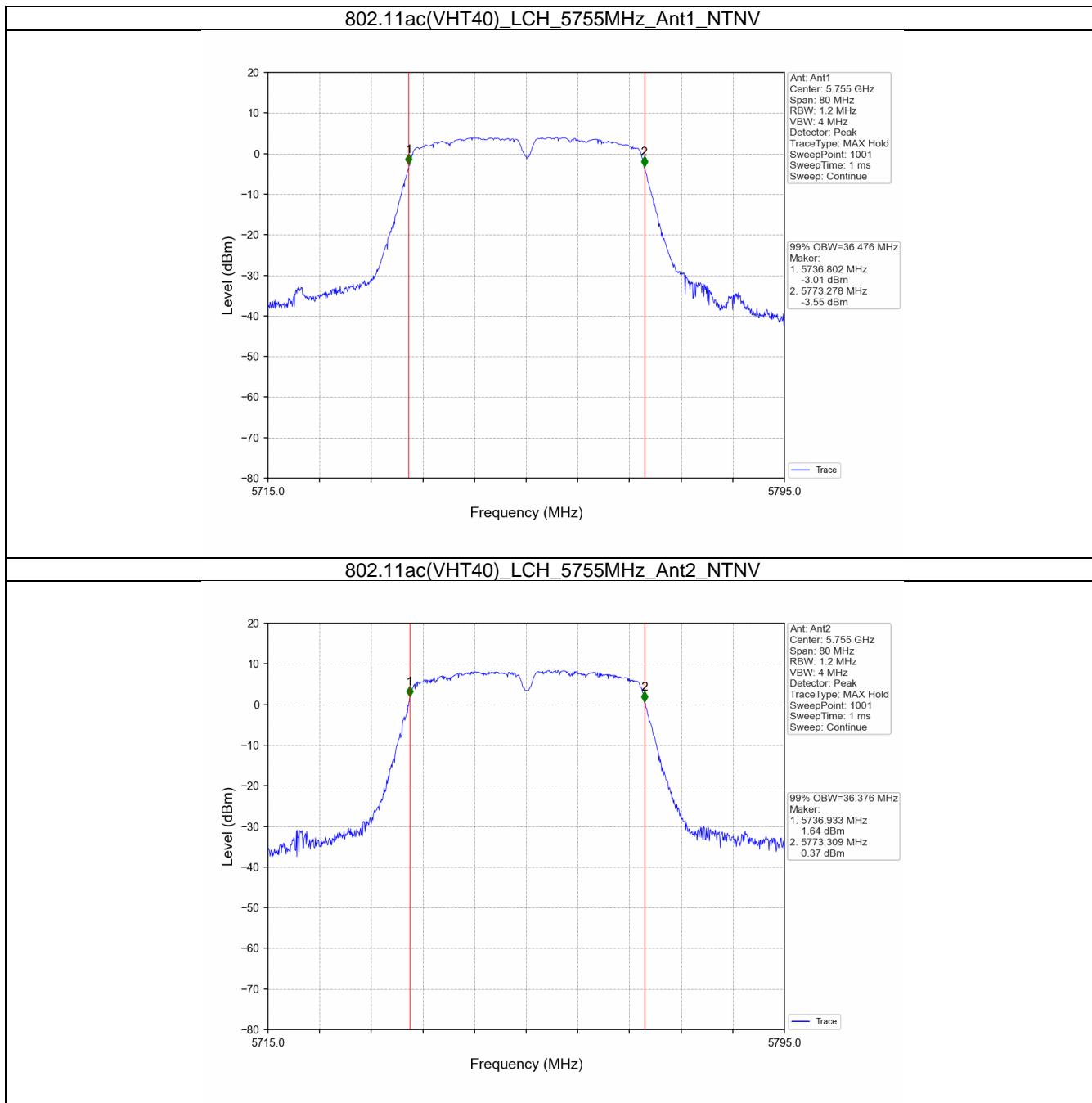
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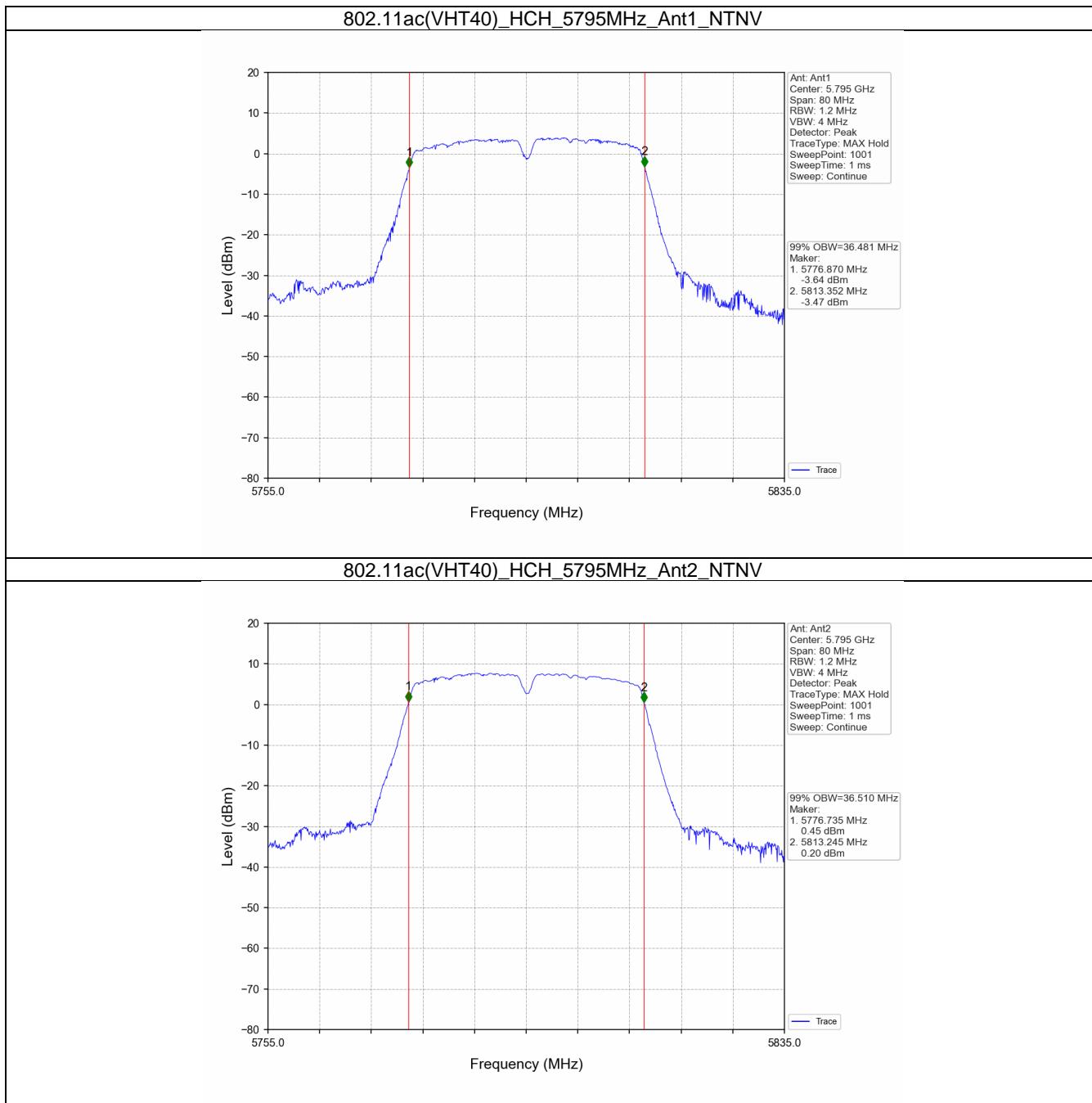
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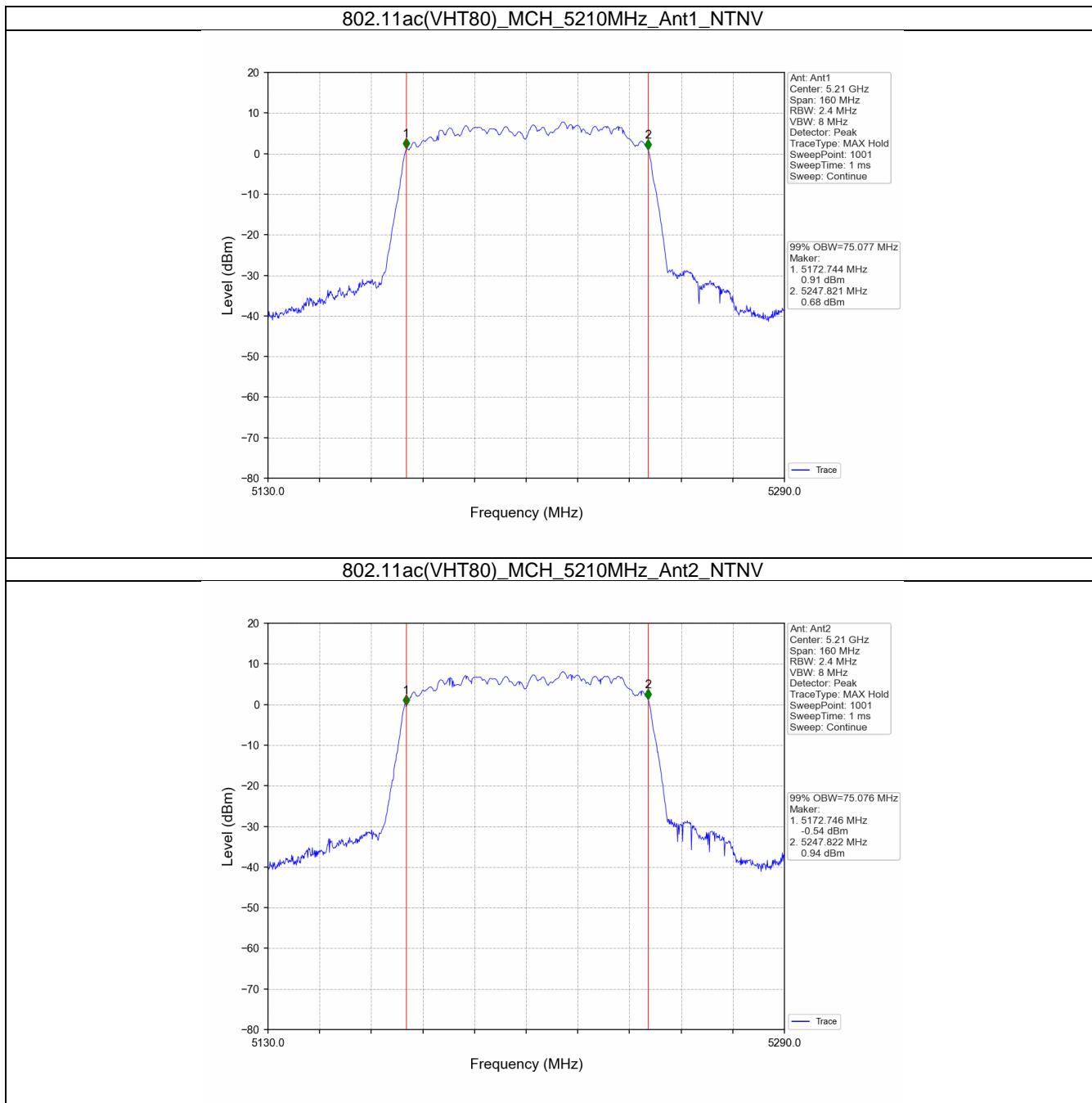




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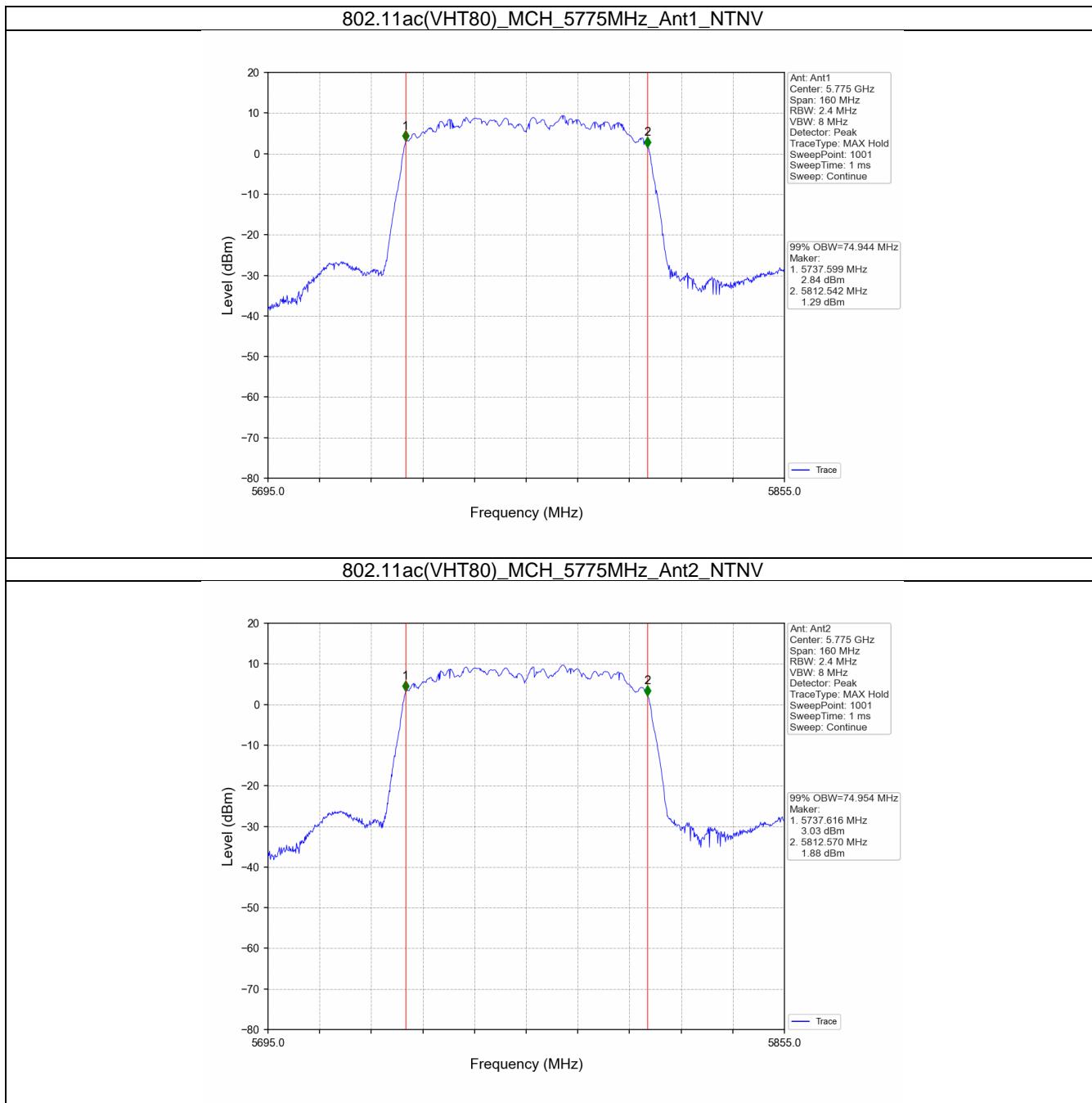




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2.2 6dB BW

### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.533	>=0.5	Pass
			2	16.482	>=0.5	Pass
		5785	1	16.531	>=0.5	Pass
			2	16.500	>=0.5	Pass
		5825	1	16.525	>=0.5	Pass
			2	16.474	>=0.5	Pass
		5745	1	17.697	>=0.5	Pass
			2	17.701	>=0.5	Pass
802.11n (HT20)	MIMO	5785	1	17.702	>=0.5	Pass
			2	17.695	>=0.5	Pass
		5825	1	17.708	>=0.5	Pass
			2	17.701	>=0.5	Pass
		5755	1	36.422	>=0.5	Pass
			2	36.431	>=0.5	Pass
		5795	1	36.405	>=0.5	Pass
			2	36.445	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.559	>=0.5	Pass
			2	17.553	>=0.5	Pass
		5785	1	17.306	>=0.5	Pass
			2	17.564	>=0.5	Pass
		5825	1	17.304	>=0.5	Pass
			2	17.333	>=0.5	Pass
		5755	1	35.204	>=0.5	Pass
			2	35.134	>=0.5	Pass
802.11ac (VHT40)	MIMO	5795	1	35.212	>=0.5	Pass
			2	35.176	>=0.5	Pass
		5775	1	75.095	>=0.5	Pass
			2	75.105	>=0.5	Pass

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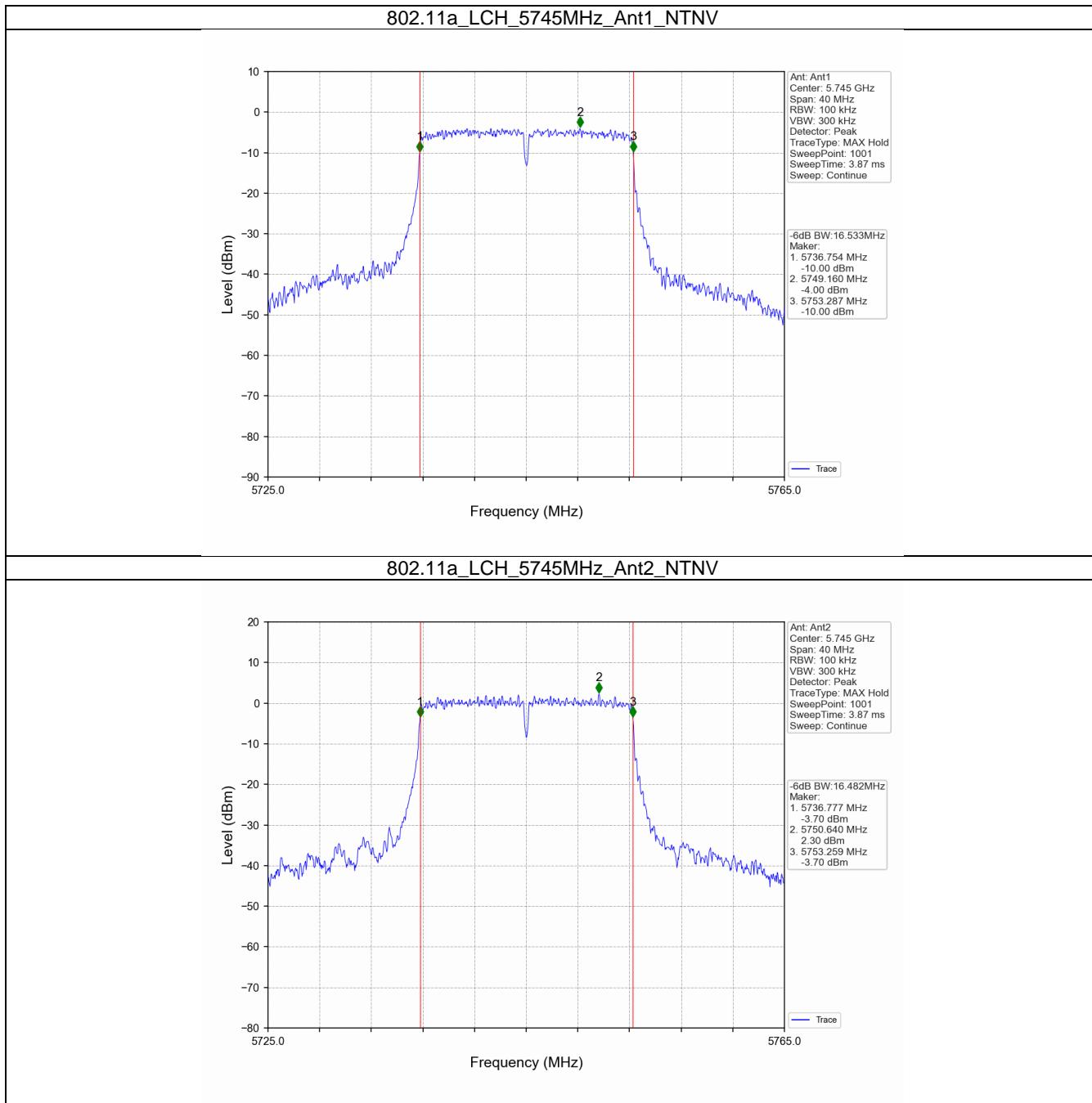
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## 2.2.2 Test Graph



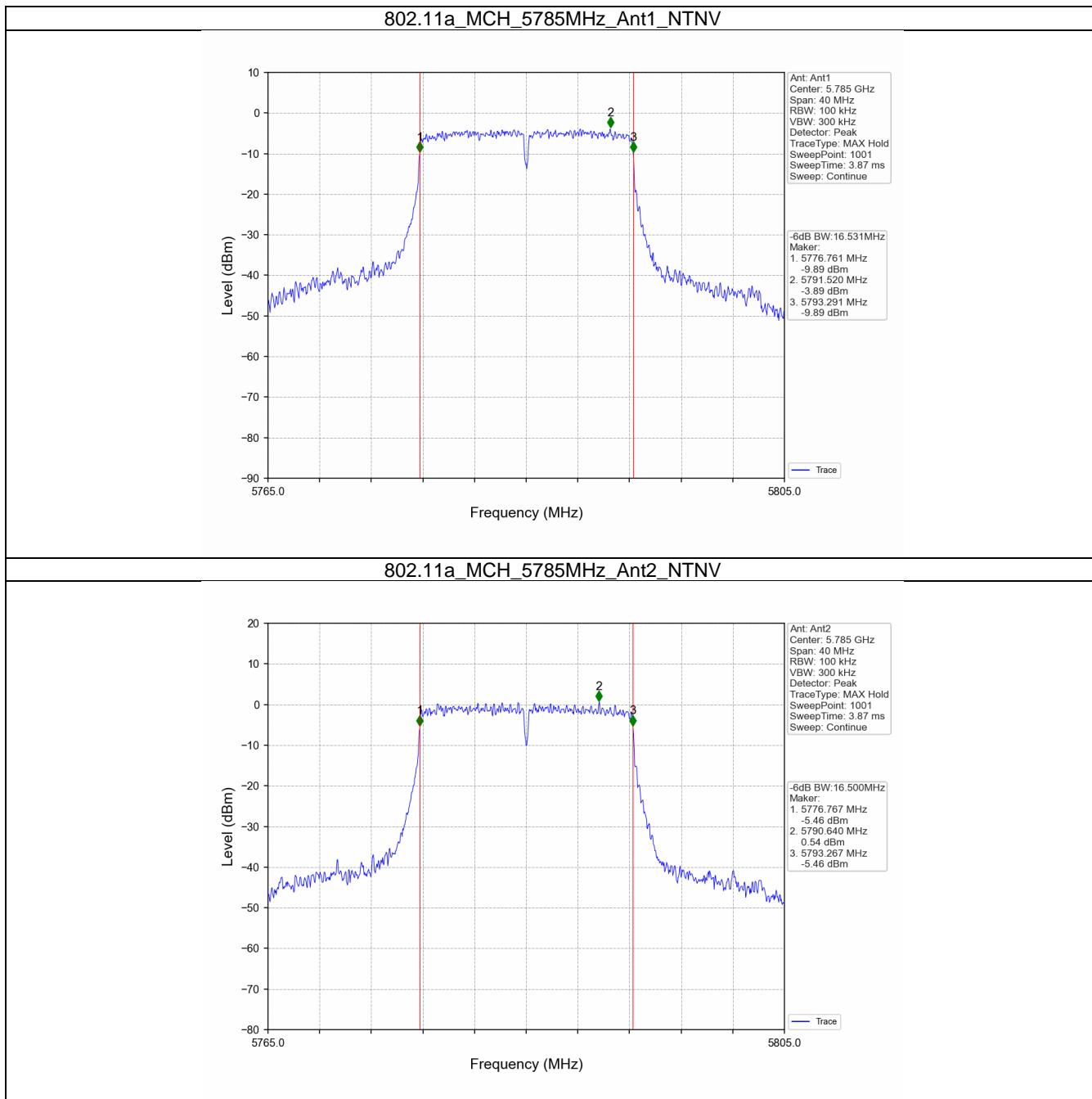
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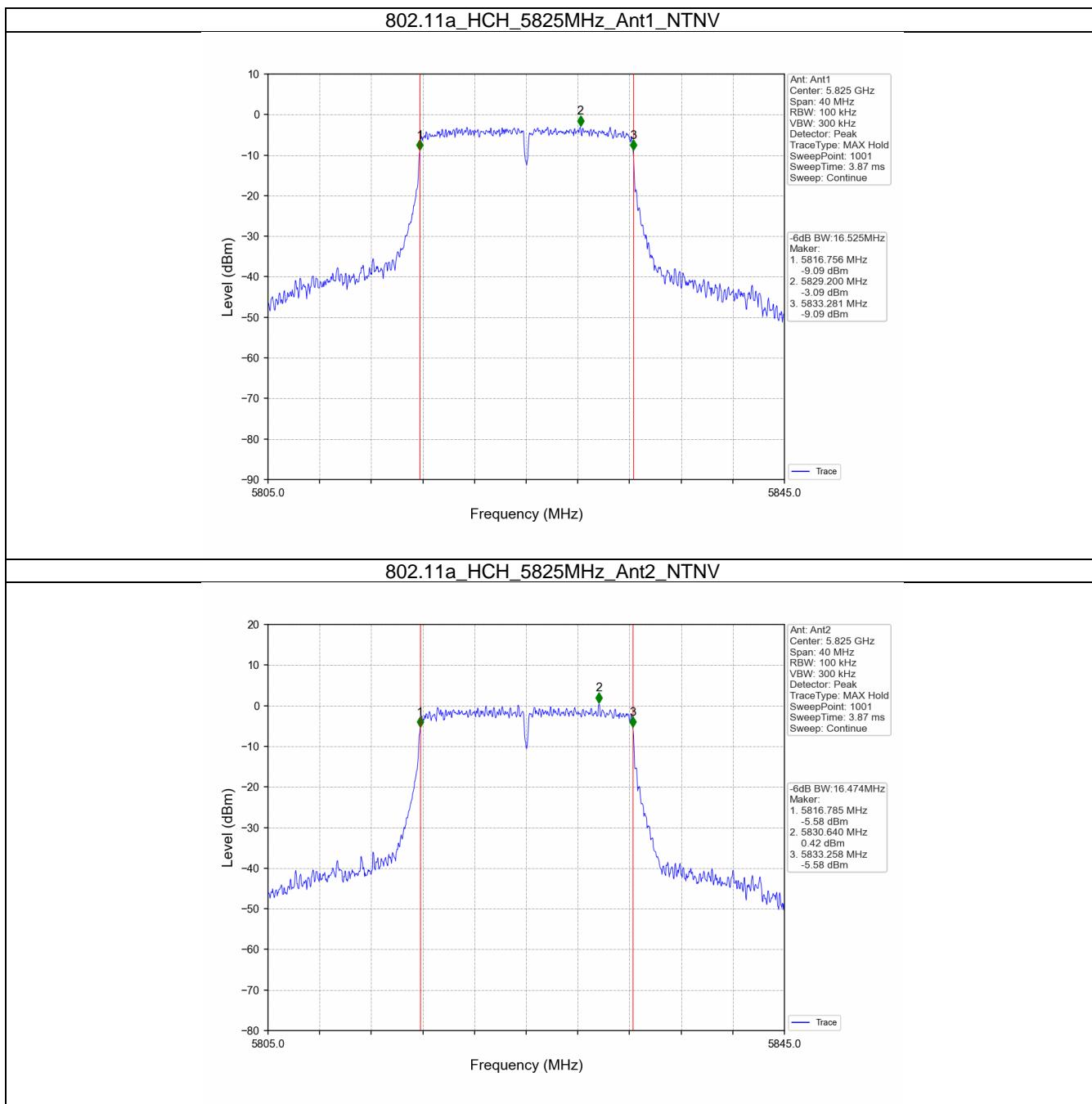
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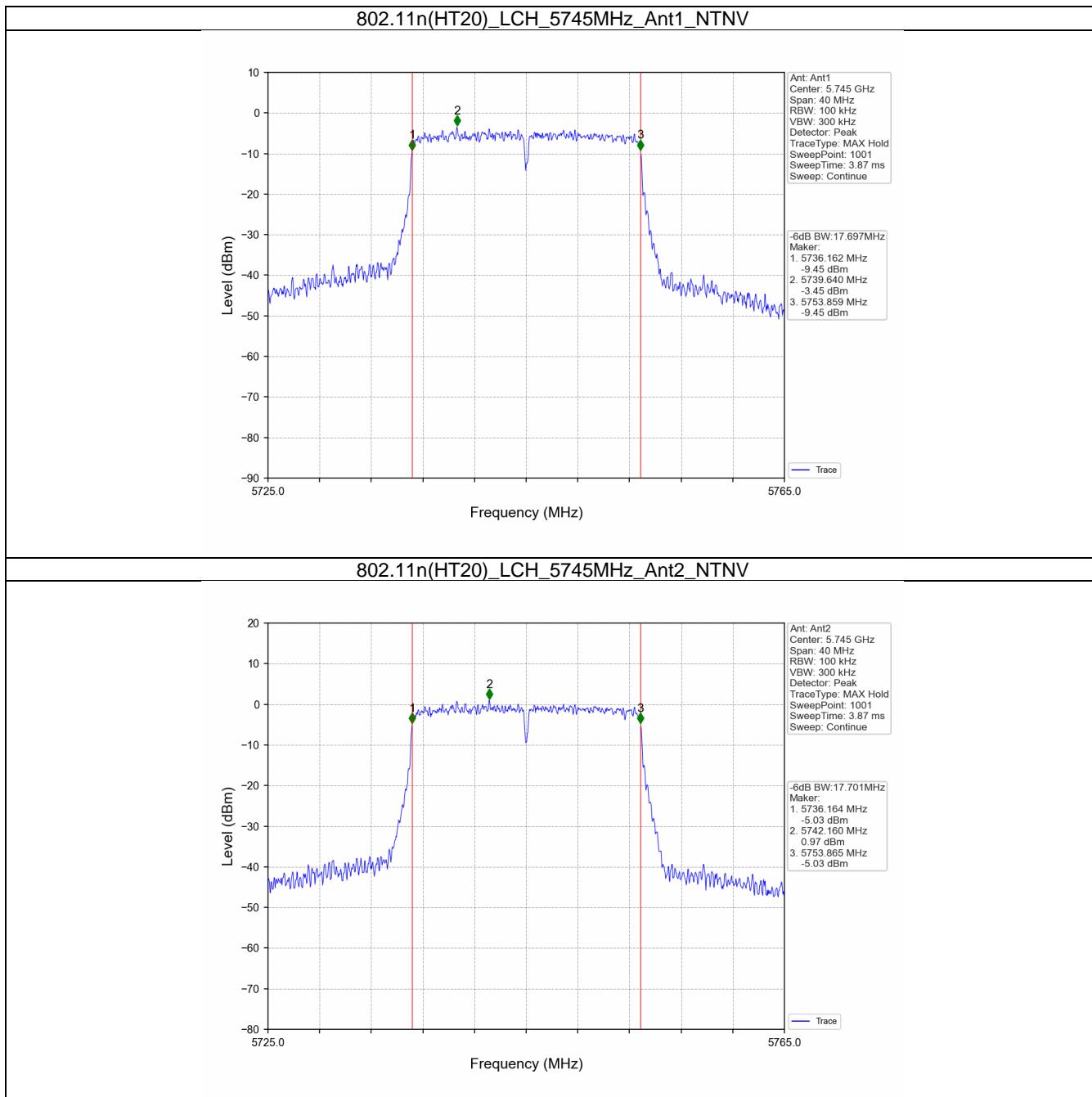




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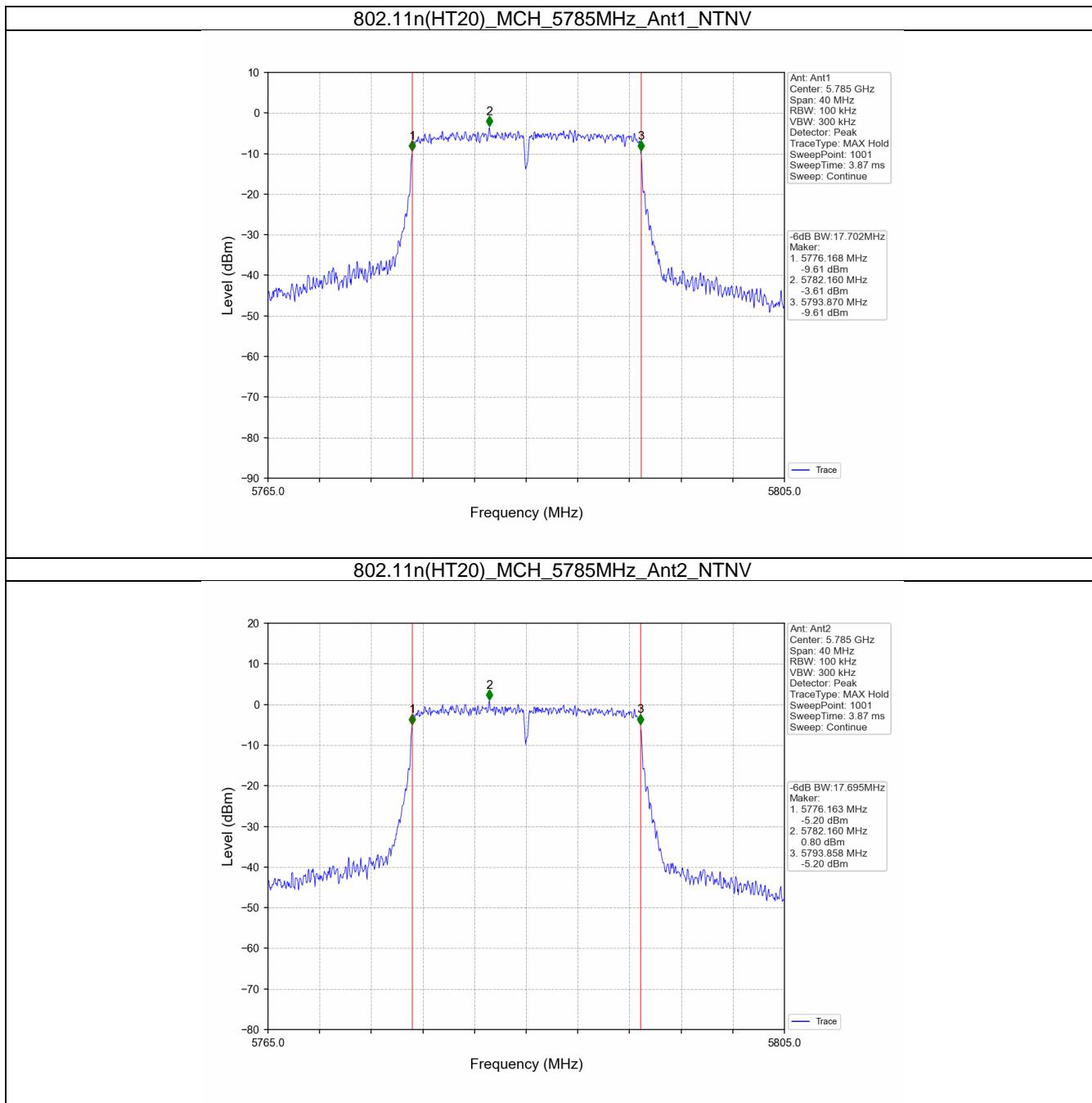




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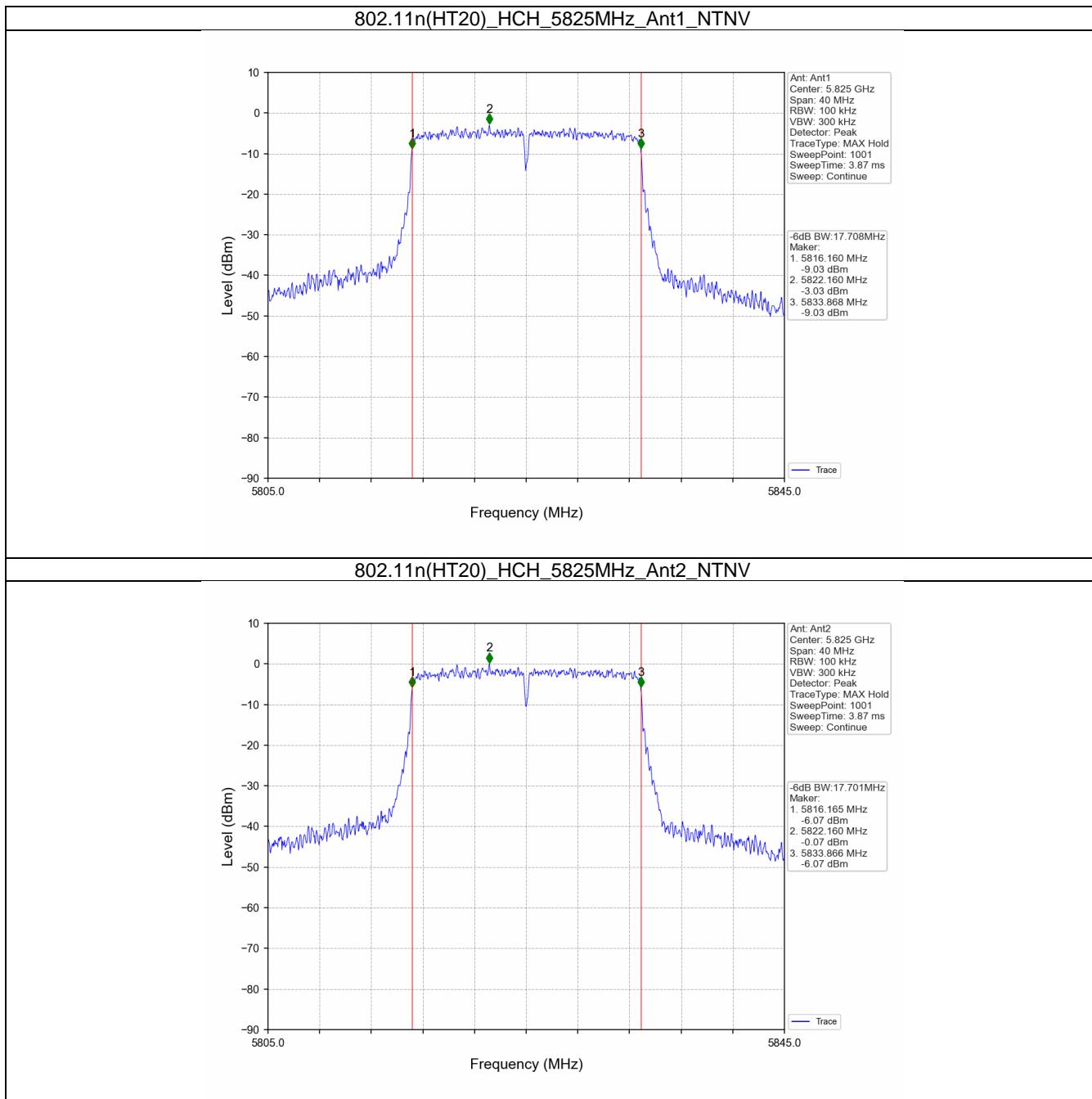




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