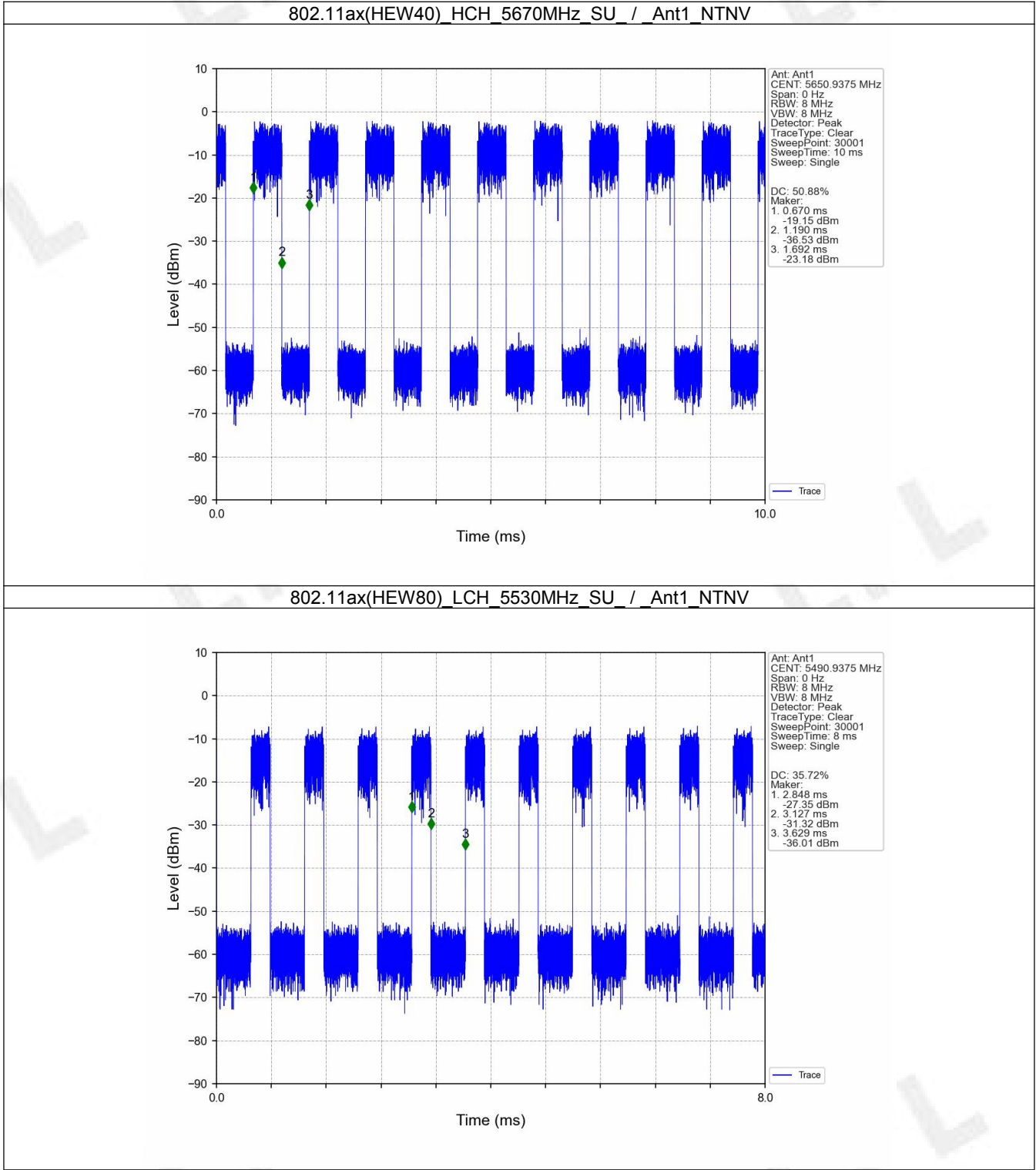
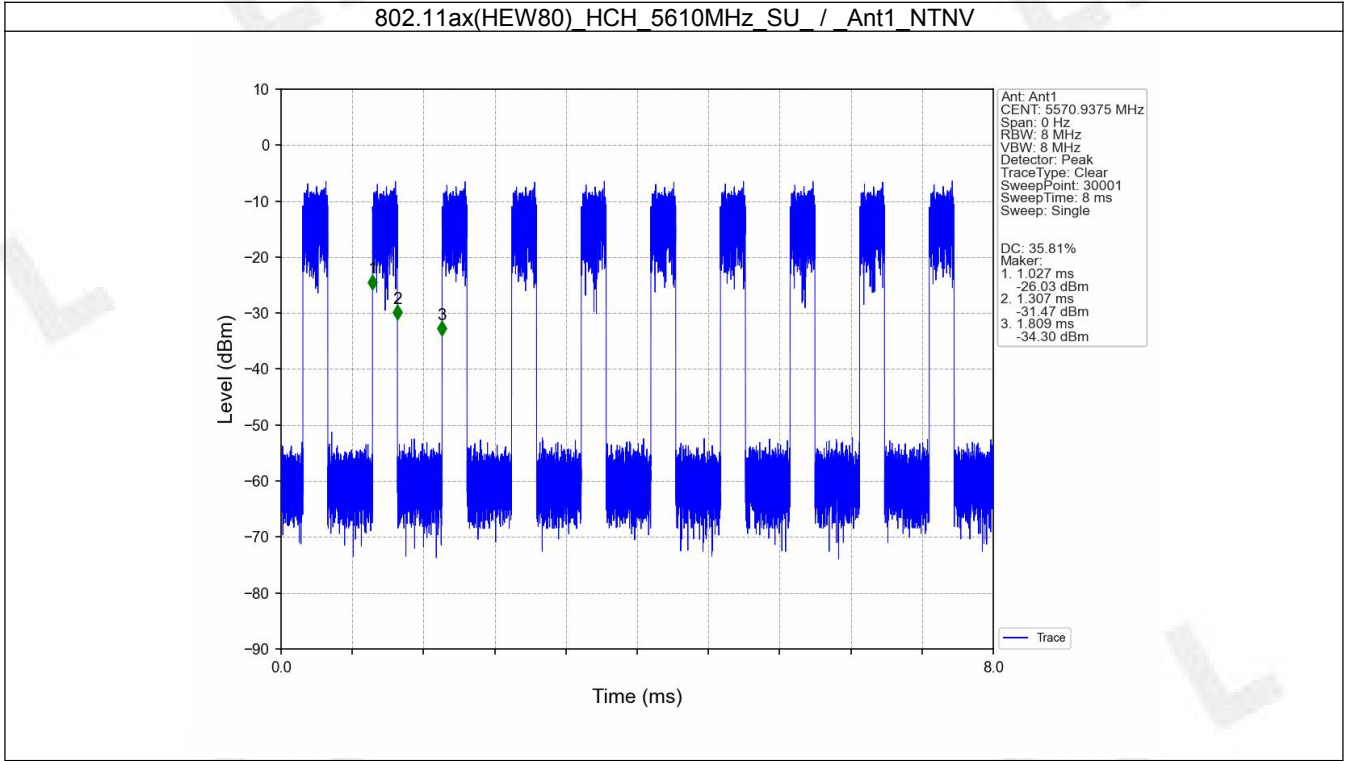


FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

2. Bandwidth**2.1 Test Result****2.1.1 OBW**

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5500	/	/	1	16.606	/	Pass
		5580	/	/	1	16.602	/	Pass
		5700	/	/	1	16.578	/	Pass
802.11n (HT20)	SISO	5500	/	/	1	17.670	/	Pass
		5580	/	/	1	17.671	/	Pass
		5700	/	/	1	17.686	/	Pass
802.11n (HT40)	SISO	5510	/	/	1	36.207	/	Pass
		5550	/	/	1	36.225	/	Pass
		5670	/	/	1	36.224	/	Pass
802.11n (HT20)	MIMO	5500	/	/	1	17.697	/	Pass
		5580	/	/	1	17.674	/	Pass
		5700	/	/	1	17.714	/	Pass
802.11n (HT40)	MIMO	5510	/	/	1	36.188	/	Pass
		5550	/	/	1	36.246	/	Pass
		5670	/	/	1	36.227	/	Pass
802.11ac (VHT20)	SISO	5500	/	/	1	17.703	/	Pass
		5580	/	/	1	17.689	/	Pass
		5700	/	/	1	17.713	/	Pass
802.11ac (VHT40)	SISO	5510	/	/	1	36.166	/	Pass
		5550	/	/	1	36.217	/	Pass
		5670	/	/	1	36.177	/	Pass
802.11ac (VHT80)	SISO	5530	/	/	1	76.400	/	Pass
		5610	/	/	1	76.445	/	Pass
802.11ac (VHT20)	MIMO	5500	/	/	1	17.711	/	Pass
		5580	/	/	1	17.675	/	Pass
		5700	/	/	1	17.693	/	Pass
802.11ac (VHT40)	MIMO	5510	/	/	1	36.224	/	Pass
		5550	/	/	1	36.214	/	Pass
		5670	/	/	1	36.184	/	Pass
802.11ac (VHT80)	MIMO	5530	/	/	1	76.446	/	Pass
		5610	/	/	1	76.493	/	Pass
802.11ax (HEW20)	SISO	5500	SU	/	1	19.062	/	Pass
		5580	SU	/	1	19.012	/	Pass
		5700	SU	/	1	19.015	/	Pass
802.11ax (HEW40)	SISO	5510	SU	/	1	37.882	/	Pass
		5550	SU	/	1	37.813	/	Pass
		5670	SU	/	1	37.824	/	Pass
802.11ax (HEW80)	SISO	5530	SU	/	1	77.349	/	Pass
		5610	SU	/	1	77.220	/	Pass
802.11ax (HEW20)	MIMO	5500	SU	/	1	18.995	/	Pass
		5580	SU	/	1	19.016	/	Pass
		5700	SU	/	1	19.037	/	Pass
802.11ax (HEW40)	MIMO	5510	SU	/	1	37.868	/	Pass
		5550	SU	/	1	37.849	/	Pass
		5670	SU	/	1	37.802	/	Pass
802.11ax (HEW80)	MIMO	5530	SU	/	1	77.339	/	Pass
		5610	SU	/	1	77.441	/	Pass

FCC ID: 2BUT3-SILICONE

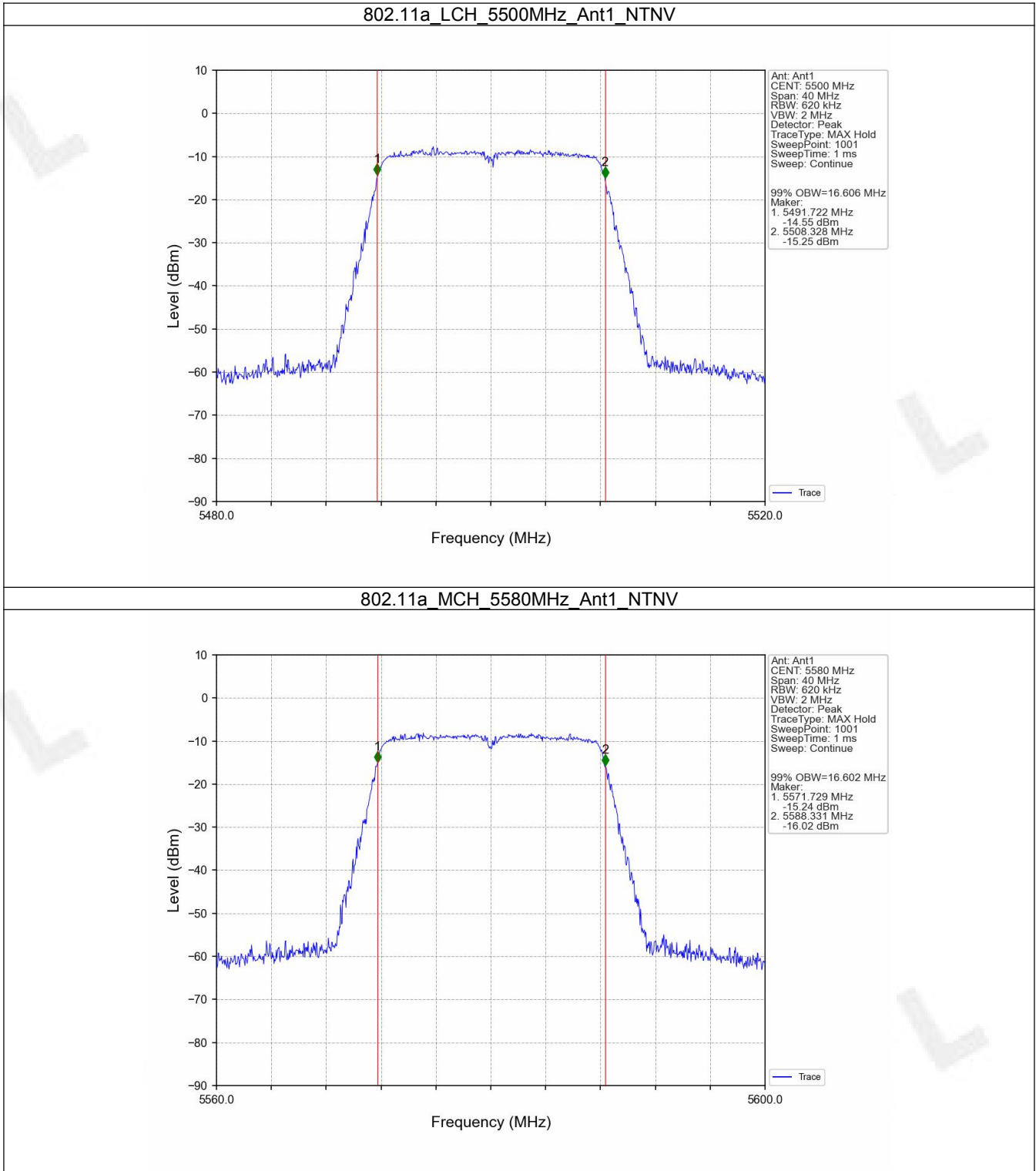
2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5500	/	/	1	18.727	/	Pass
		5580	/	/	1	19.046	/	Pass
		5700	/	/	1	18.773	/	Pass
802.11n (HT20)	SISO	5500	/	/	1	19.825	/	Pass
		5580	/	/	1	19.807	/	Pass
		5700	/	/	1	19.695	/	Pass
802.11n (HT40)	SISO	5510	/	/	1	39.551	/	Pass
		5550	/	/	1	39.525	/	Pass
		5670	/	/	1	39.753	/	Pass
802.11n (HT20)	MIMO	5500	/	/	1	19.811	/	Pass
		5580	/	/	1	19.856	/	Pass
		5700	/	/	1	19.711	/	Pass
802.11n (HT40)	MIMO	5510	/	/	1	39.377	/	Pass
		5550	/	/	1	39.567	/	Pass
		5670	/	/	1	39.693	/	Pass
802.11ac (VHT20)	SISO	5500	/	/	1	19.870	/	Pass
		5580	/	/	1	19.860	/	Pass
		5700	/	/	1	19.837	/	Pass
802.11ac (VHT40)	SISO	5510	/	/	1	39.497	/	Pass
		5550	/	/	1	39.537	/	Pass
		5670	/	/	1	39.701	/	Pass
802.11ac (VHT80)	SISO	5530	/	/	1	85.846	/	Pass
		5610	/	/	1	86.711	/	Pass
802.11ac (VHT20)	MIMO	5500	/	/	1	19.751	/	Pass
		5580	/	/	1	19.956	/	Pass
		5700	/	/	1	19.760	/	Pass
802.11ac (VHT40)	MIMO	5510	/	/	1	39.552	/	Pass
		5550	/	/	1	39.376	/	Pass
		5670	/	/	1	39.598	/	Pass
802.11ac (VHT80)	MIMO	5530	/	/	1	85.954	/	Pass
		5610	/	/	1	85.436	/	Pass
802.11ax (HEW20)	SISO	5500	SU	/	1	20.647	/	Pass
		5580	SU	/	1	20.689	/	Pass
		5700	SU	/	1	20.701	/	Pass
802.11ax (HEW40)	SISO	5510	SU	/	1	40.455	/	Pass
		5550	SU	/	1	40.489	/	Pass
		5670	SU	/	1	40.223	/	Pass
802.11ax (HEW80)	SISO	5530	SU	/	1	81.269	/	Pass
		5610	SU	/	1	81.290	/	Pass
802.11ax (HEW20)	MIMO	5500	SU	/	1	20.676	/	Pass
		5580	SU	/	1	20.693	/	Pass
		5700	SU	/	1	20.887	/	Pass
802.11ax (HEW40)	MIMO	5510	SU	/	1	40.194	/	Pass
		5550	SU	/	1	40.177	/	Pass
		5670	SU	/	1	40.086	/	Pass
802.11ax (HEW80)	MIMO	5530	SU	/	1	81.204	/	Pass
		5610	SU	/	1	81.130	/	Pass

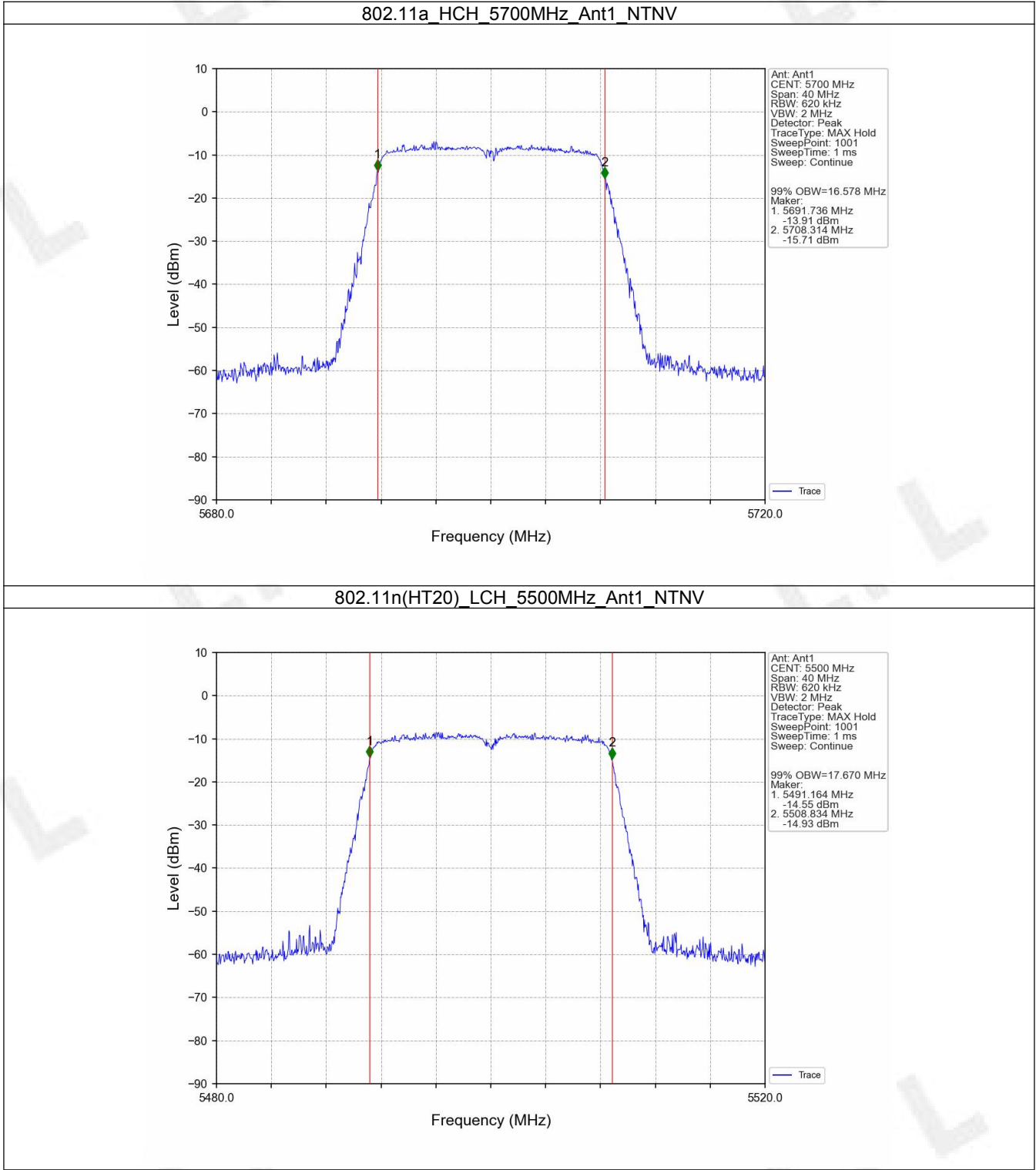
FCC ID: 2BUT3-SILICONE

2.2 Test Graph

2.2.1 OBW

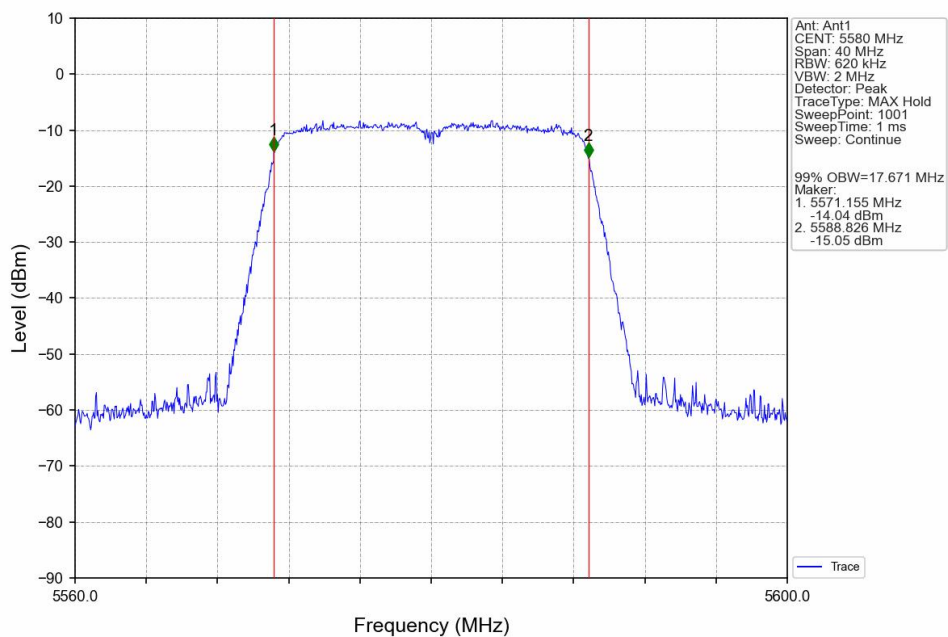


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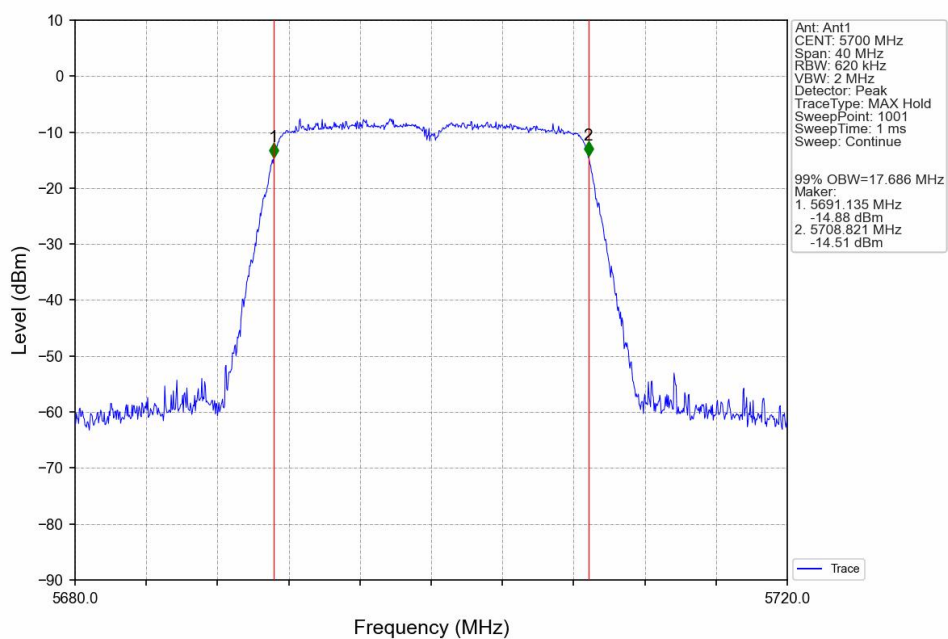


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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

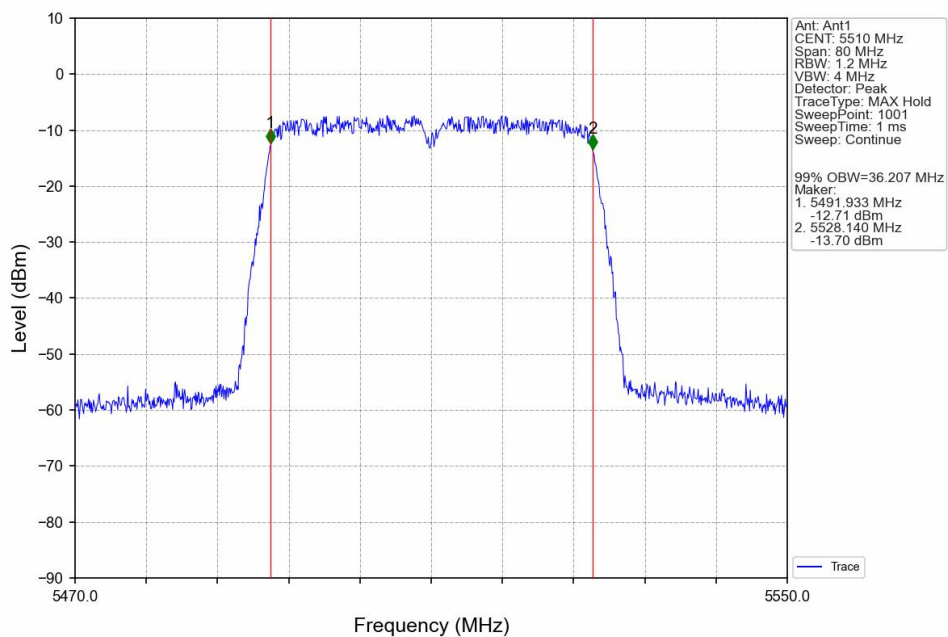


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

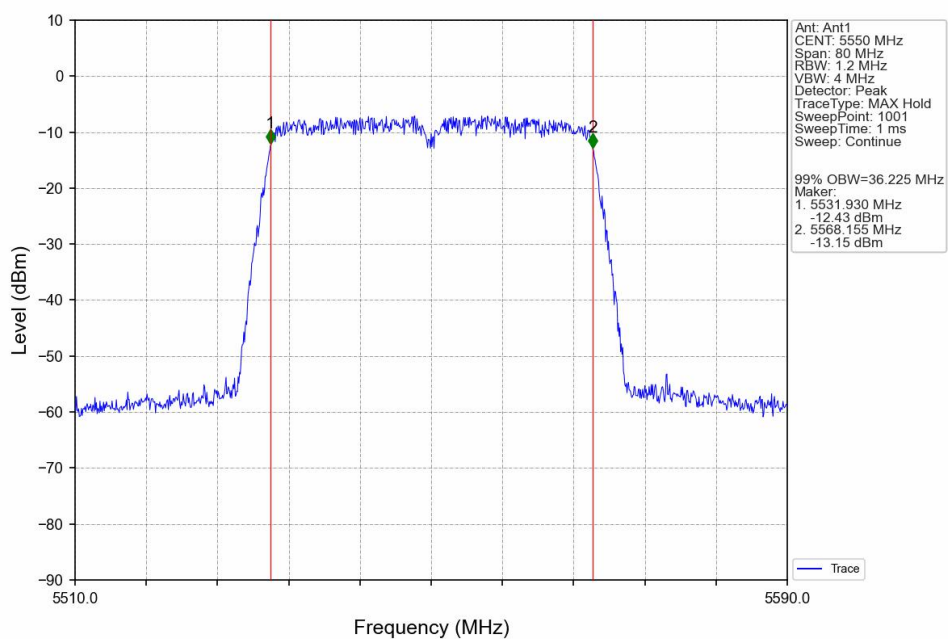


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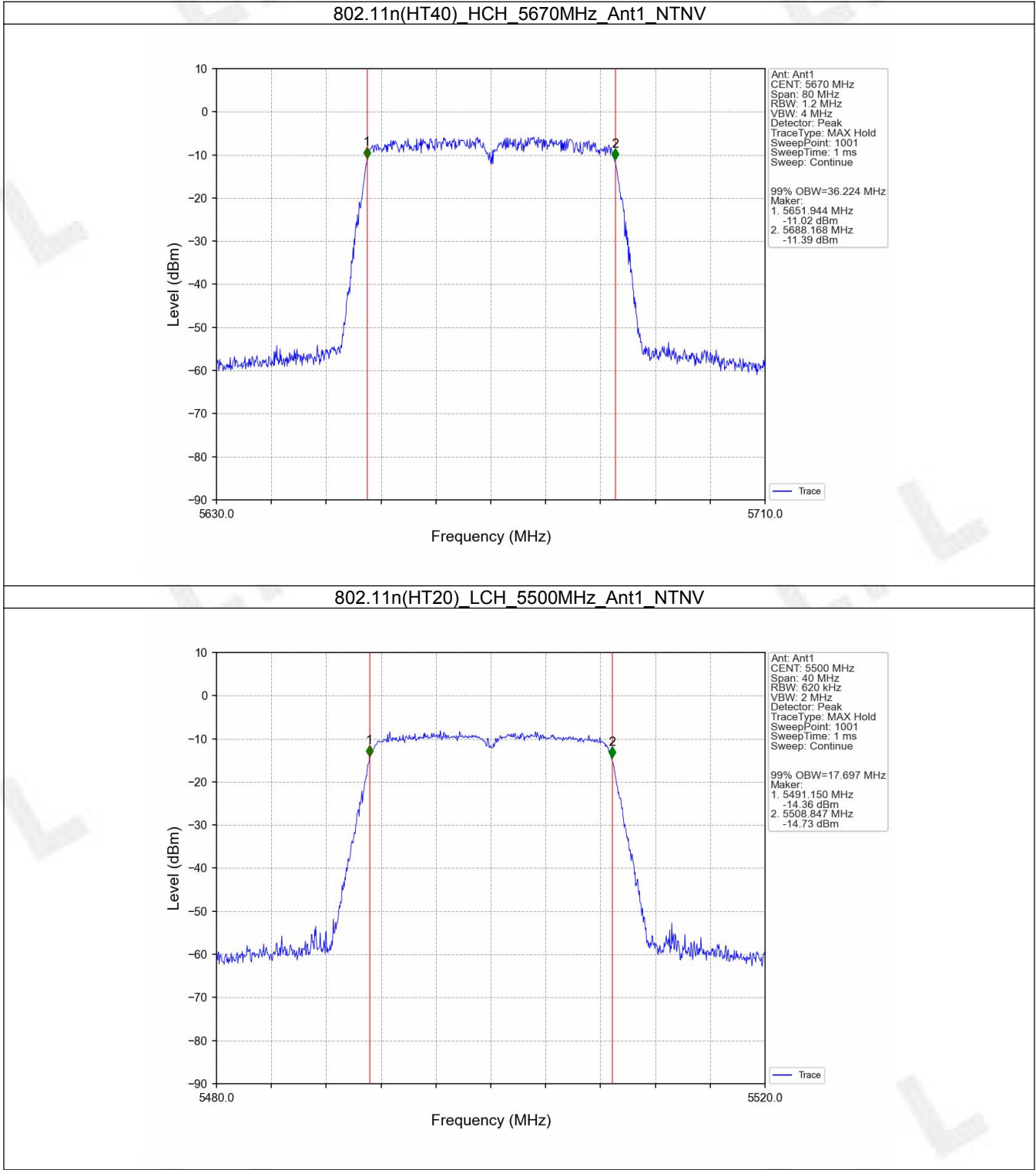
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



802.11n(HT40) MCH_5550MHz_Ant1_NTNV

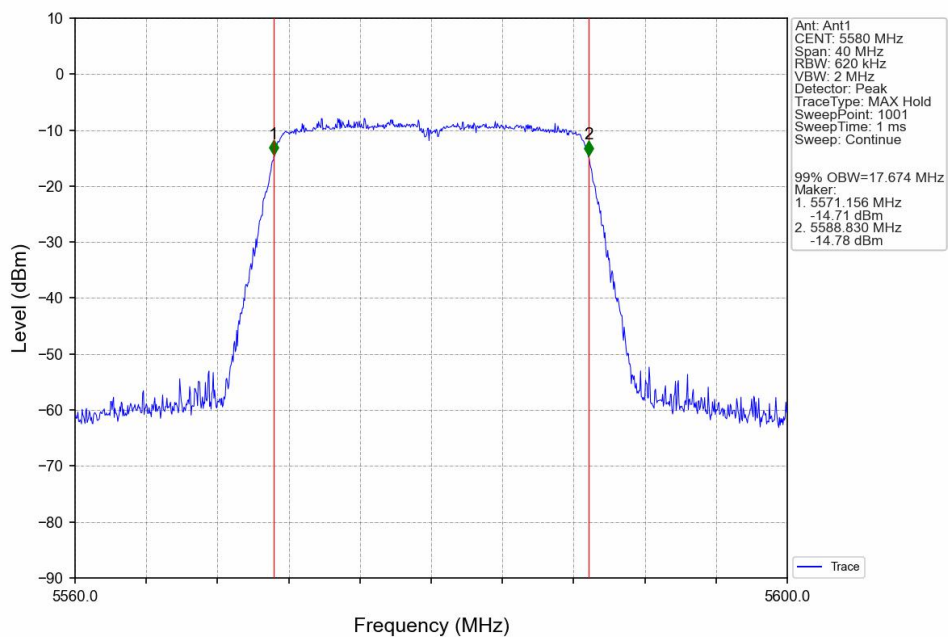


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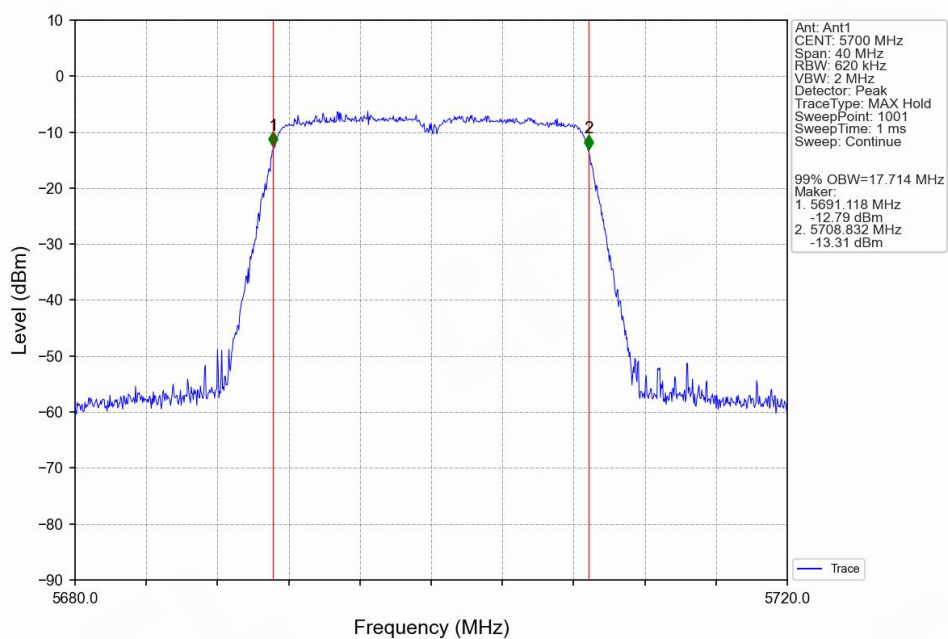


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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

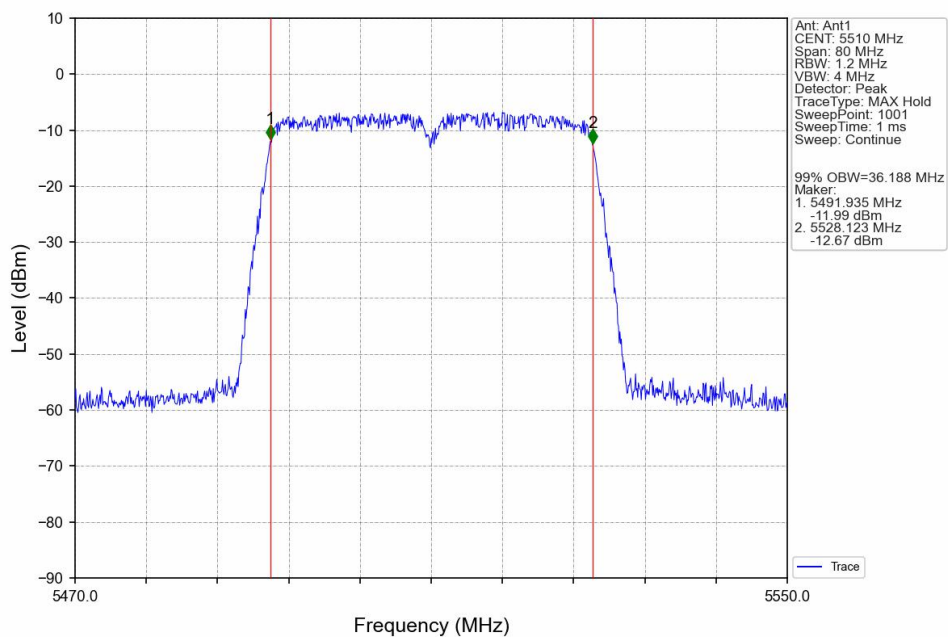


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

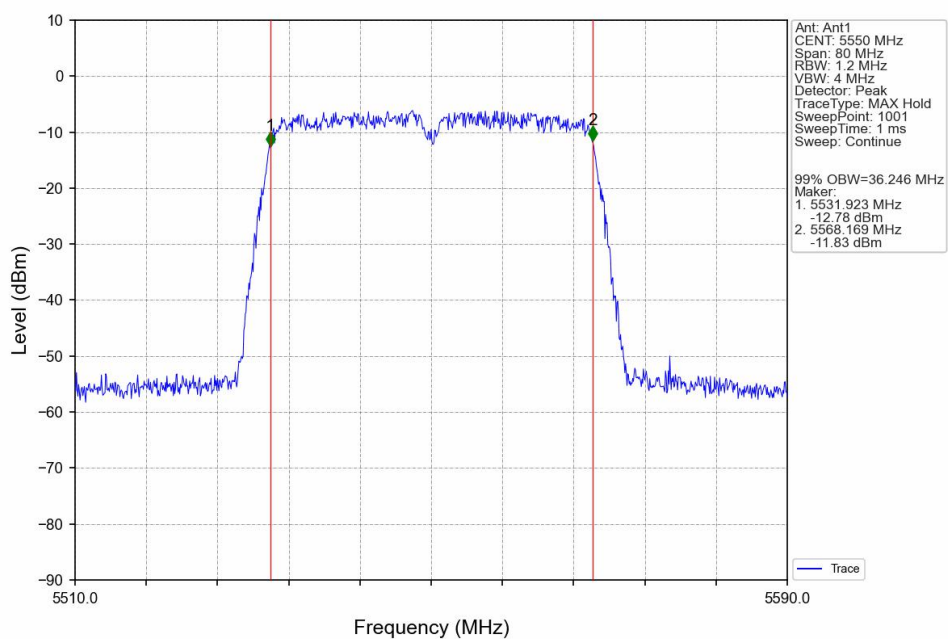


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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

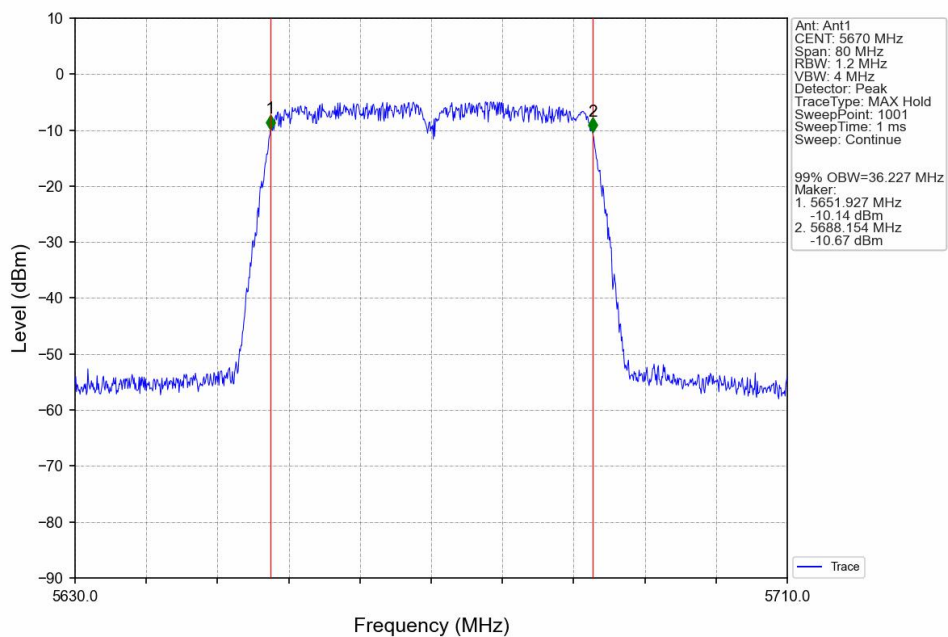


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

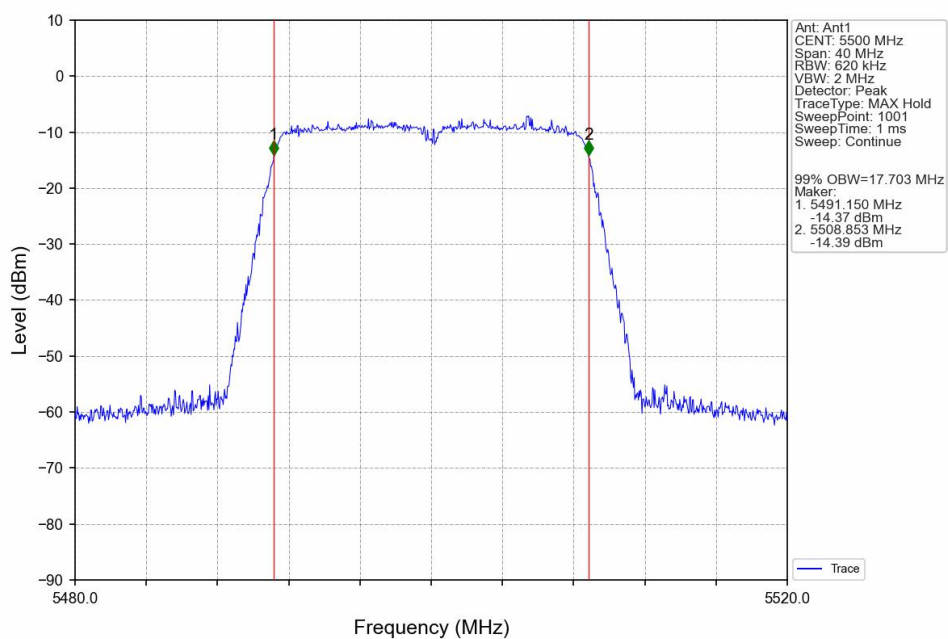


FCC ID: 2BUT3-SILICONE

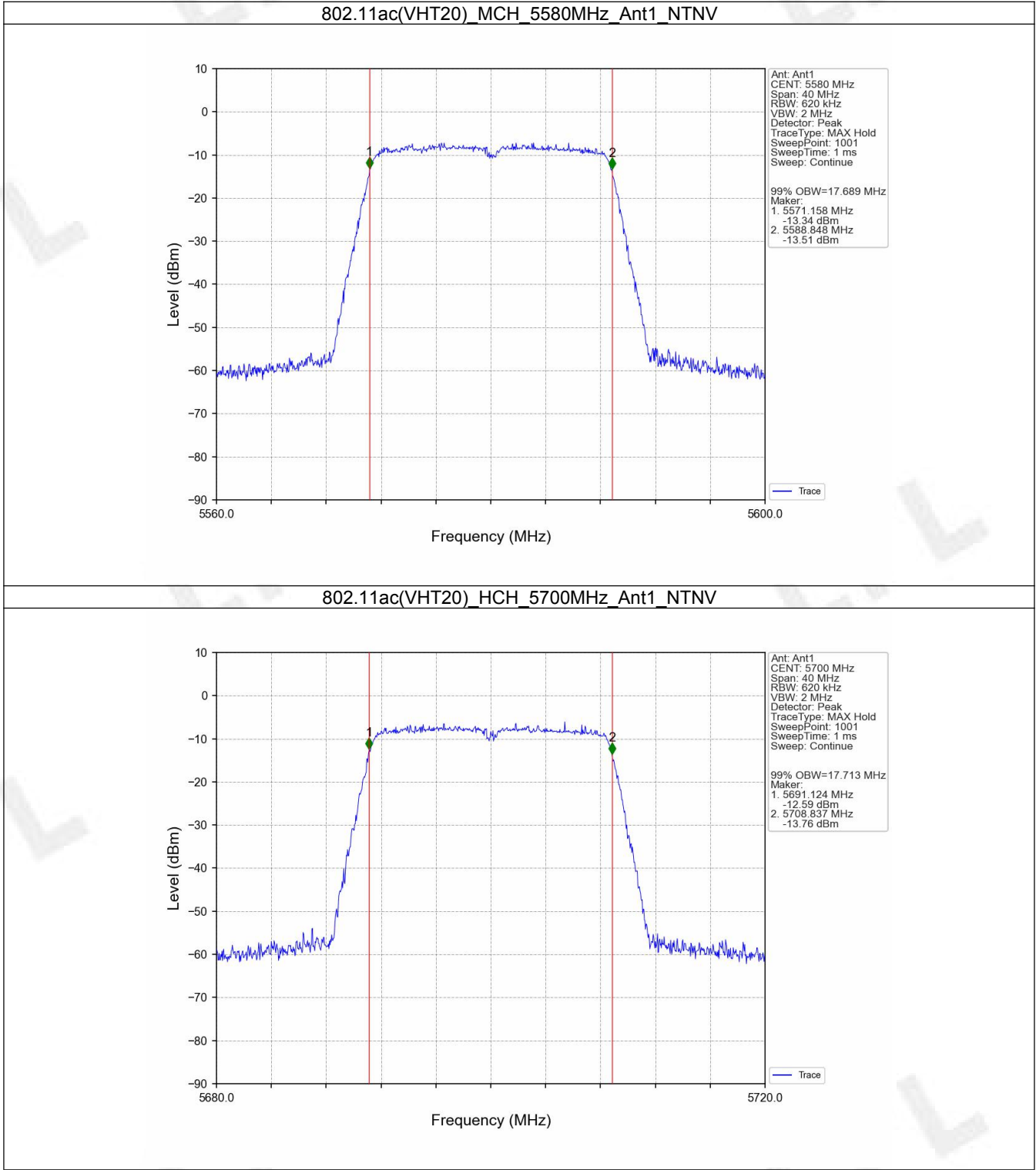
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



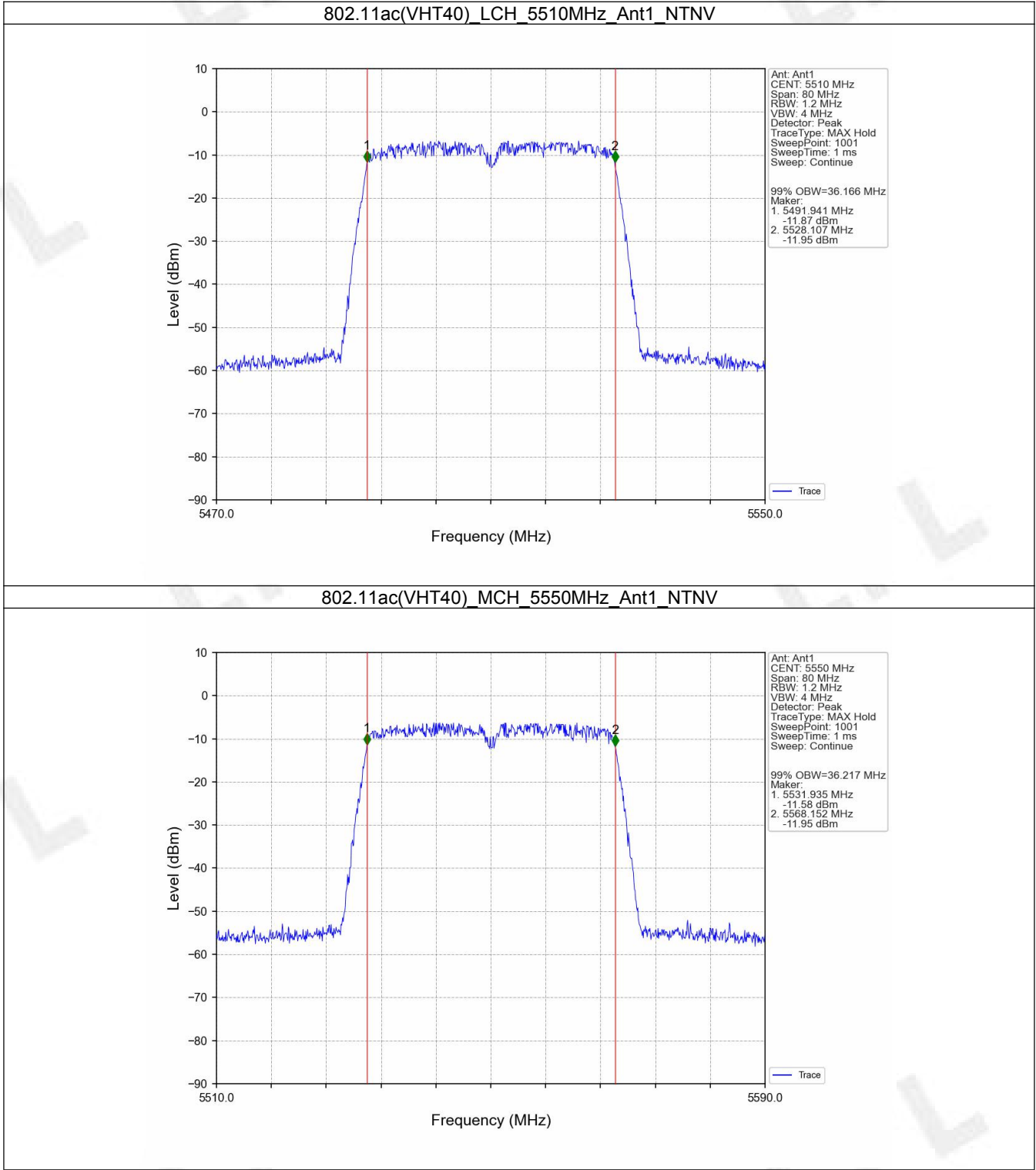
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



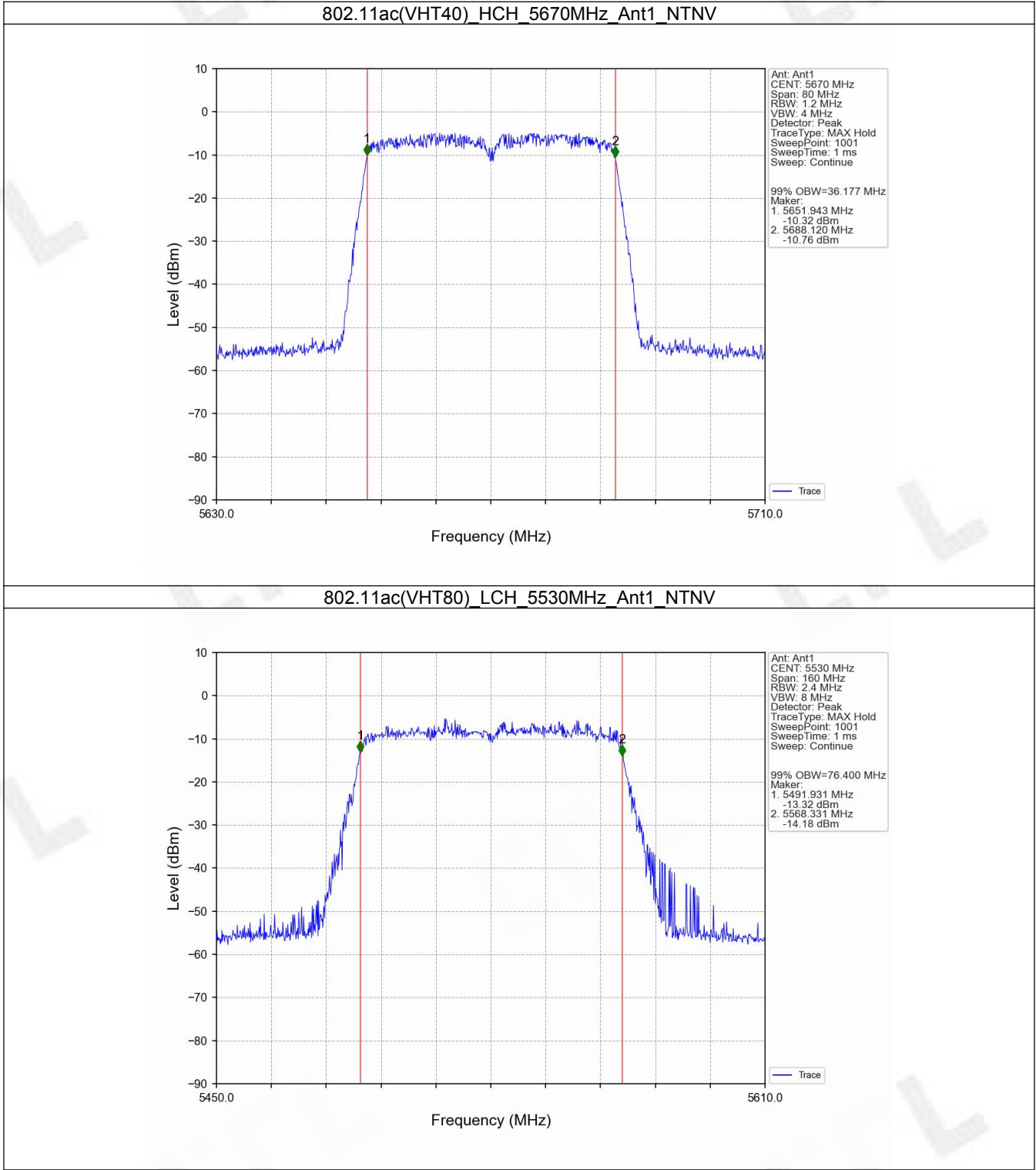
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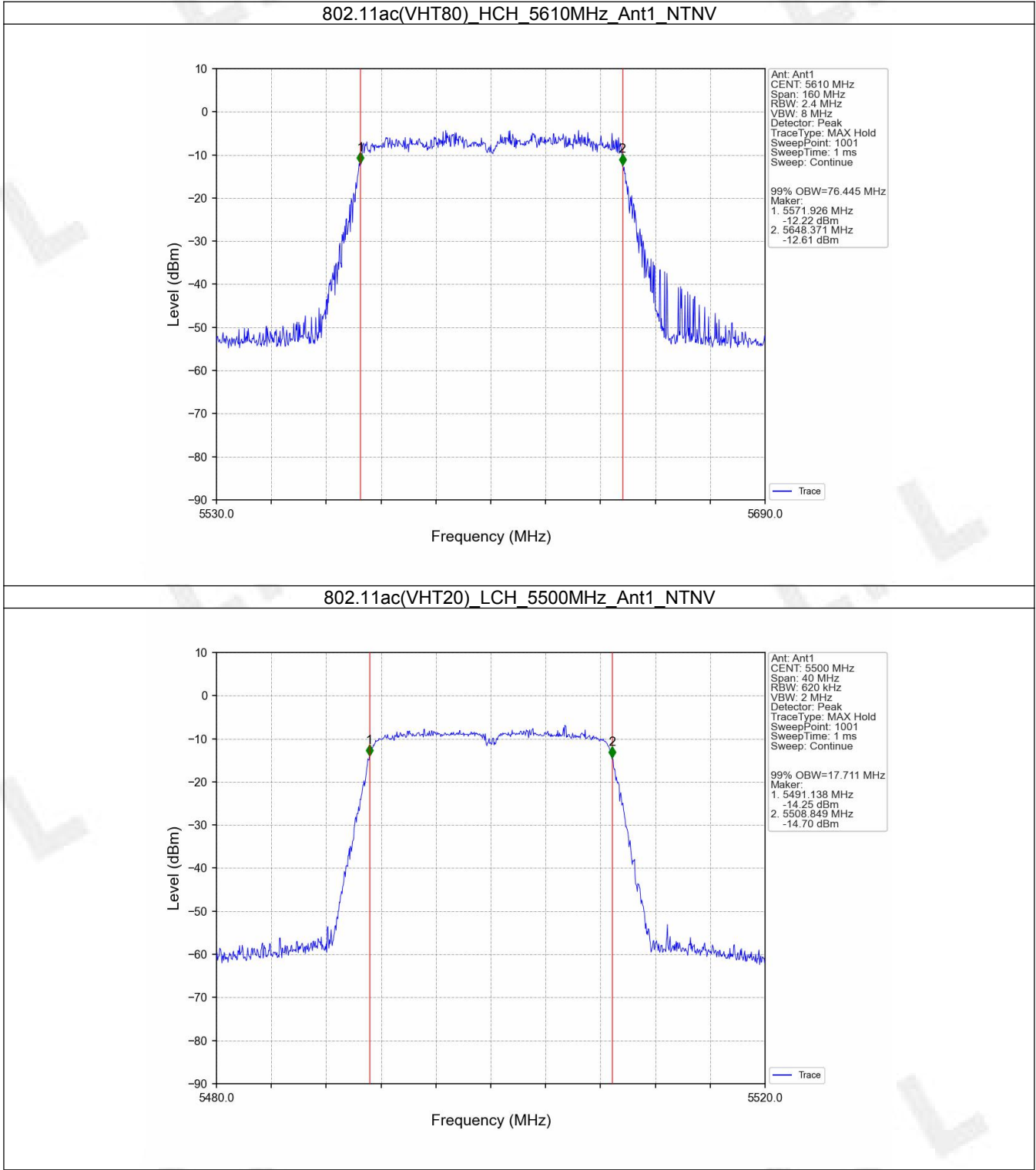
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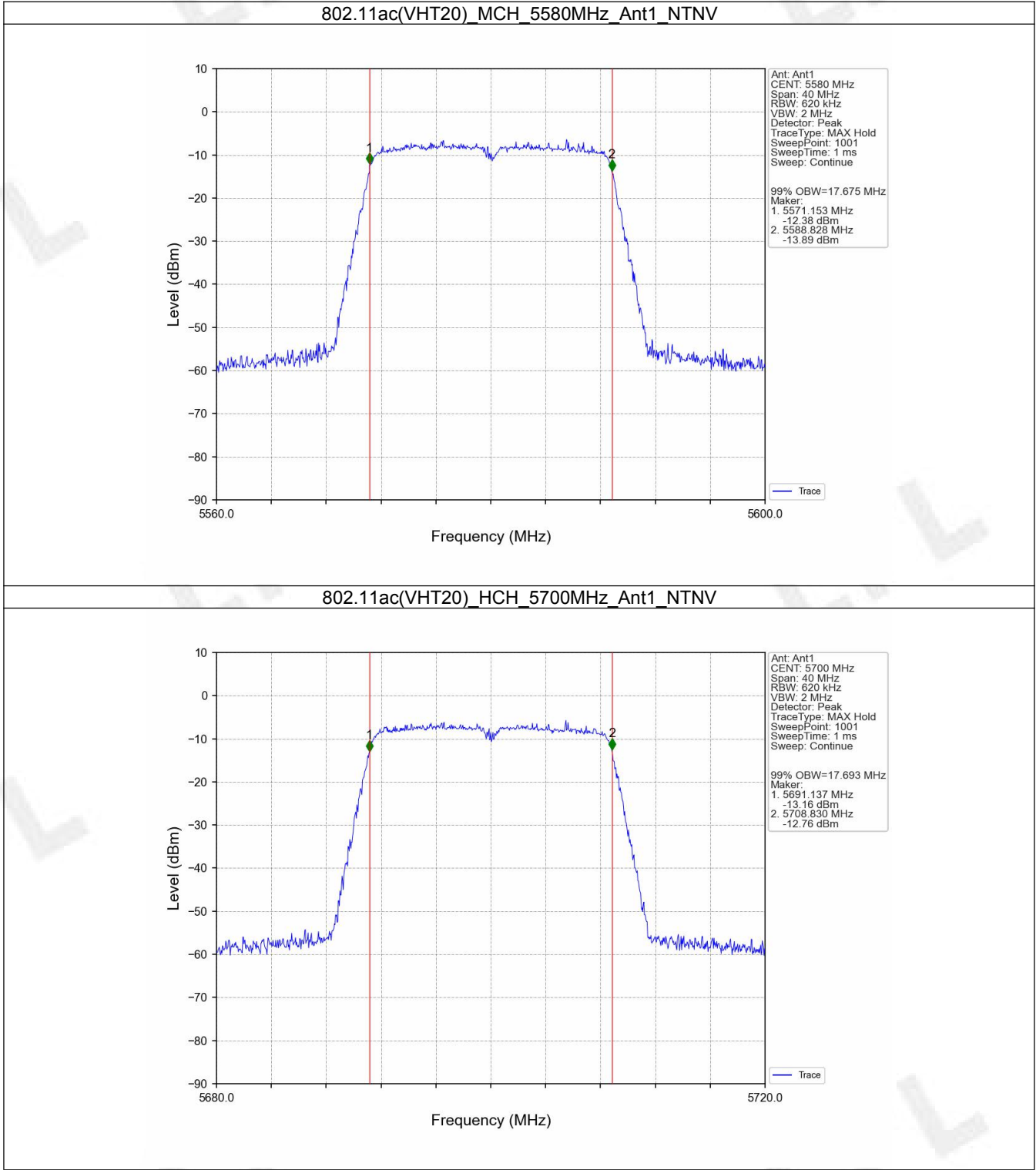
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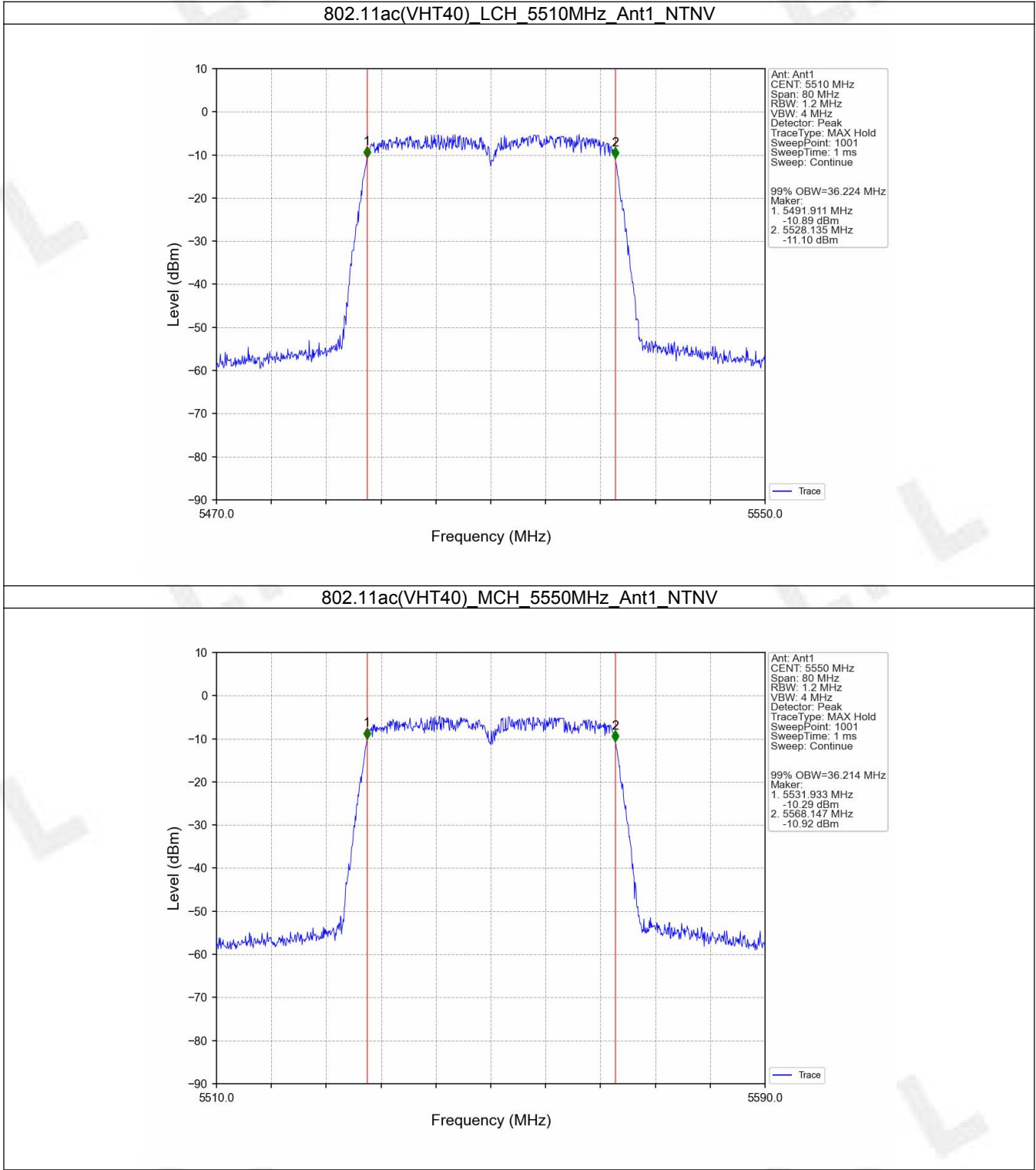
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FCC ID: 2BUT3-SILICONE

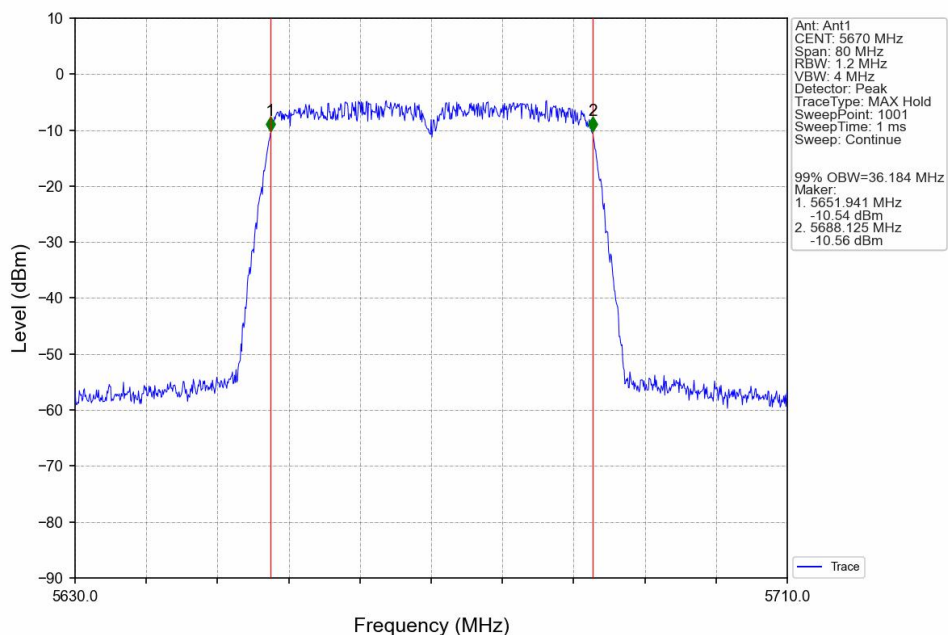


FCC ID: 2BUT3-SILICONE

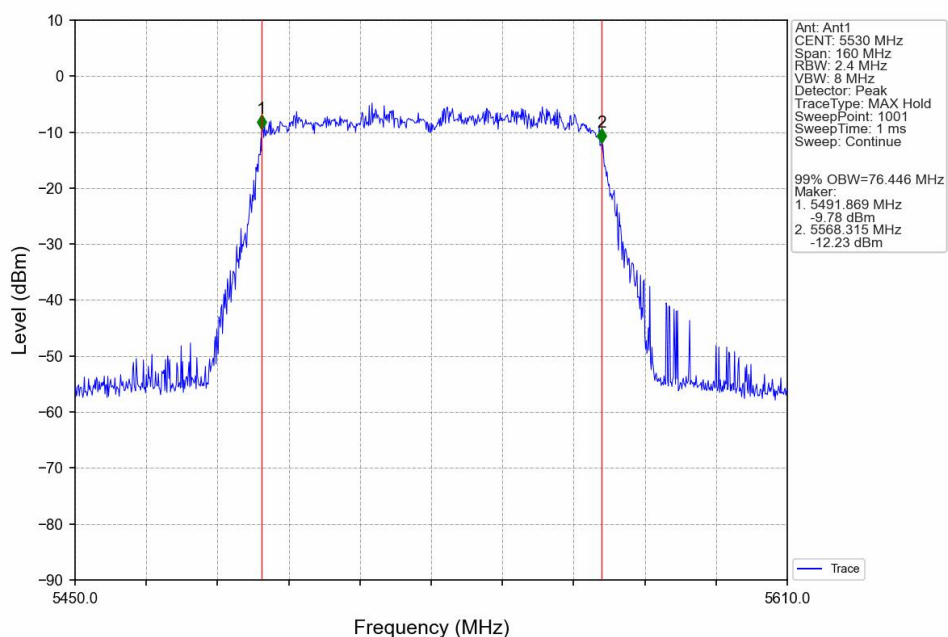


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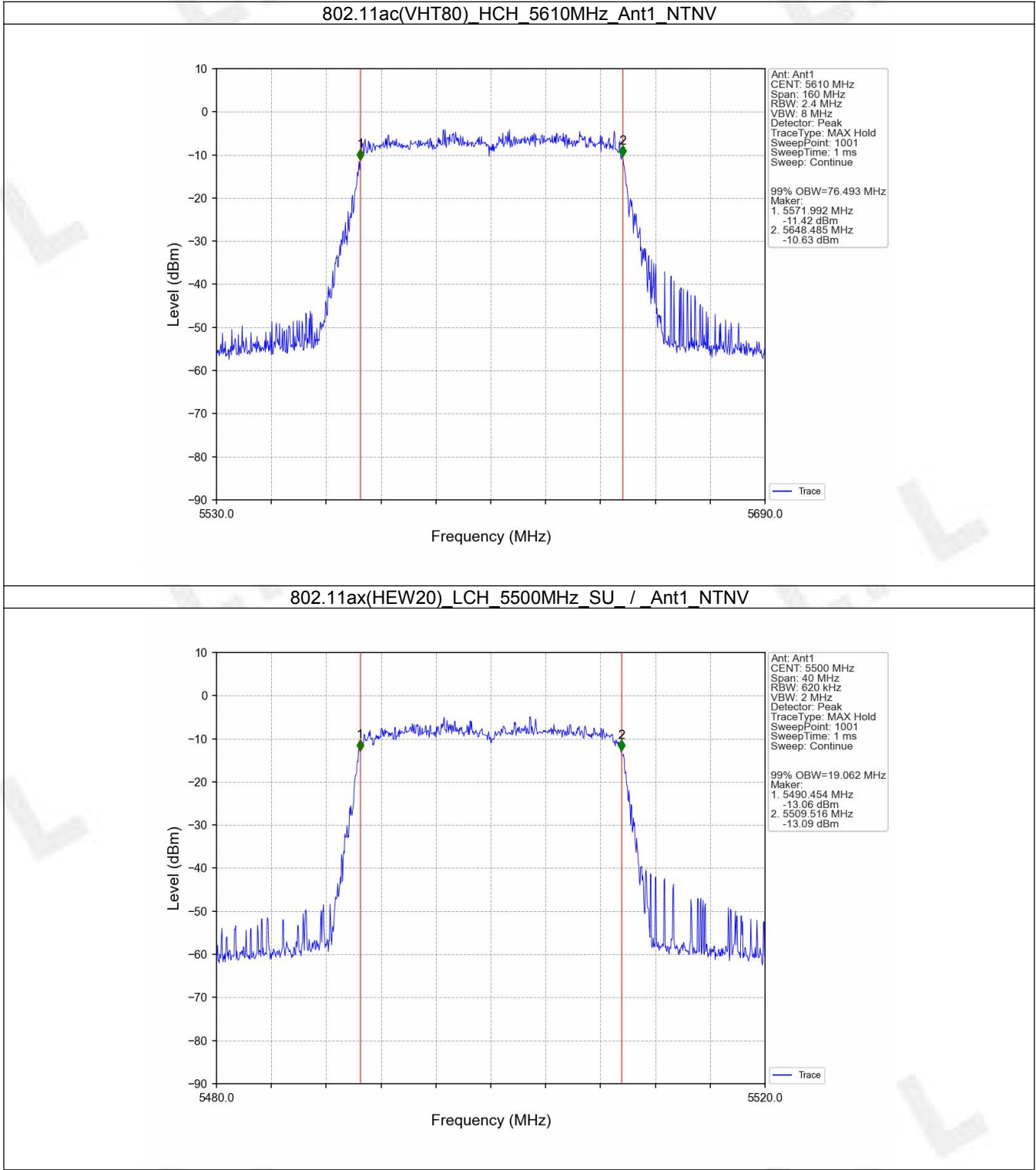
802.11ac(VHT40) HCH_5670MHz_Ant1_NTNV



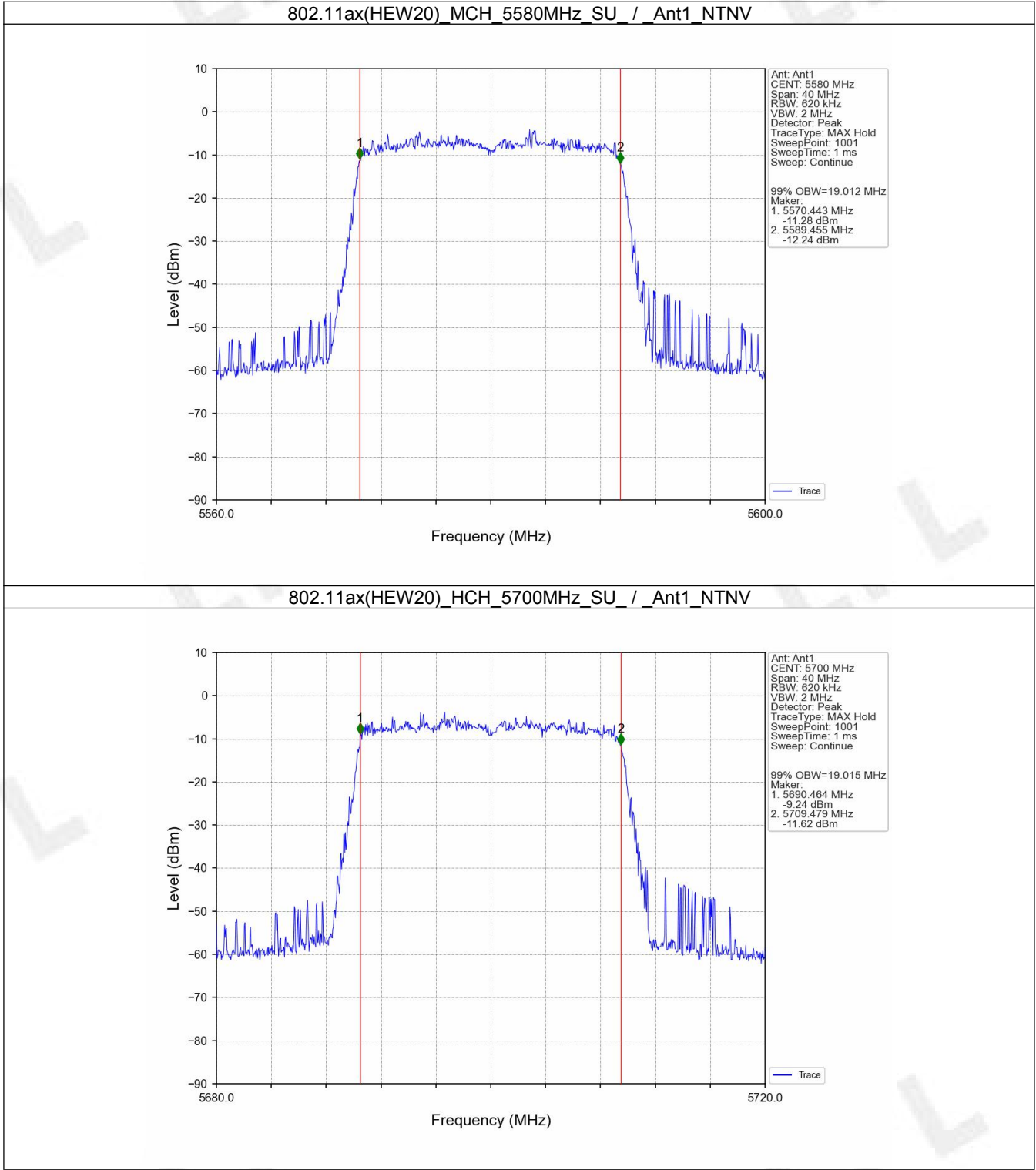
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



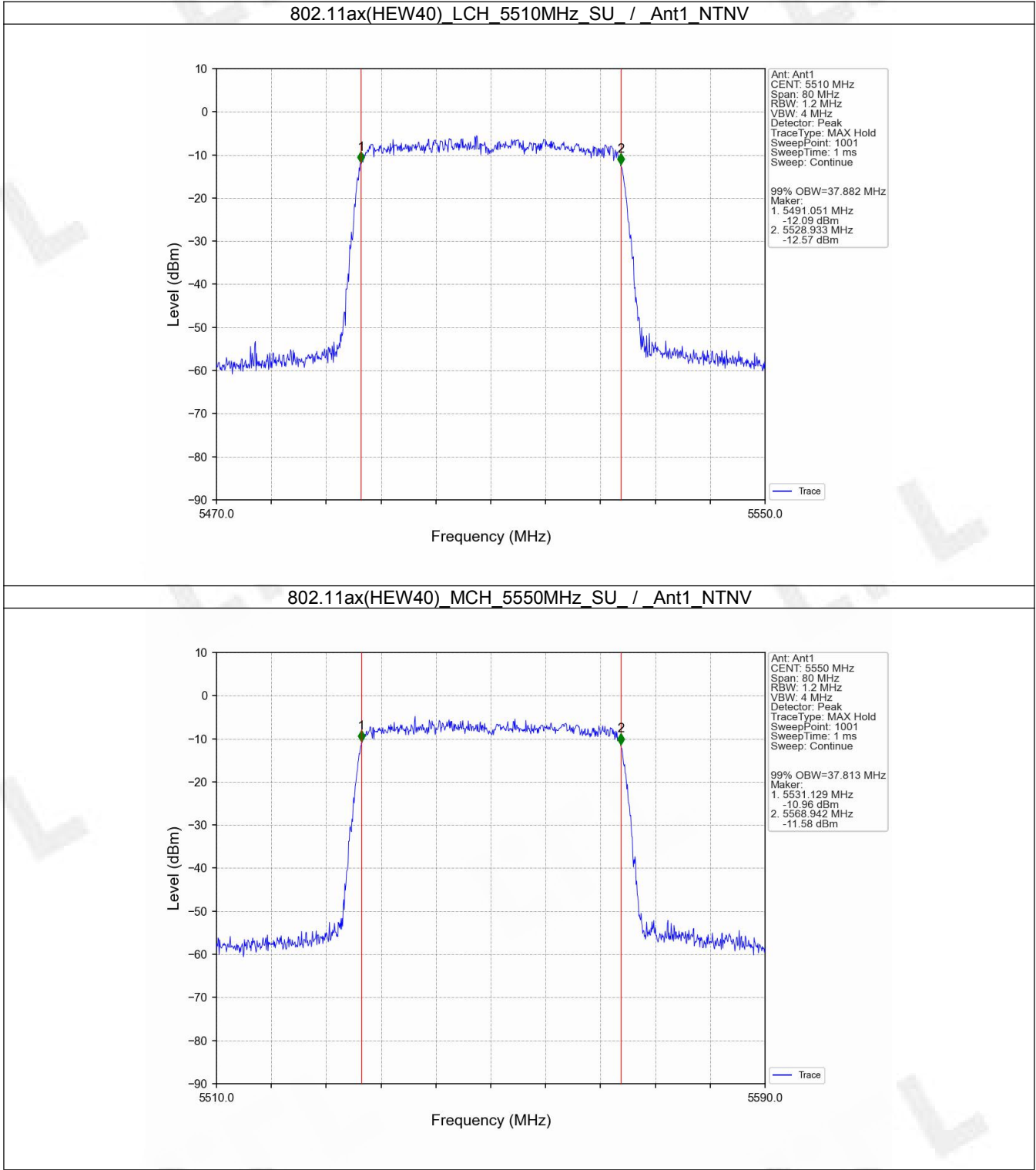
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FCC ID: 2BUT3-SILICONE

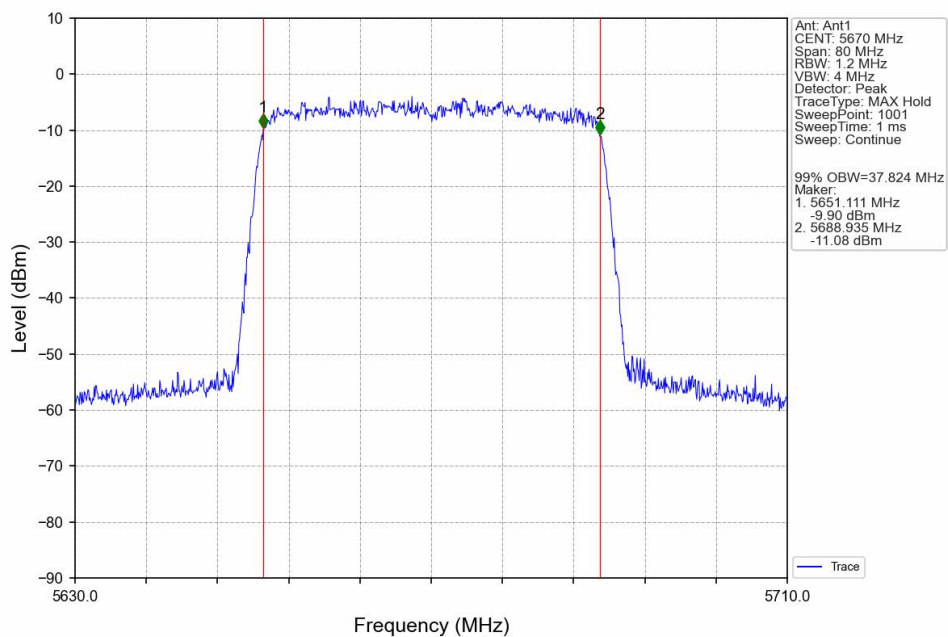


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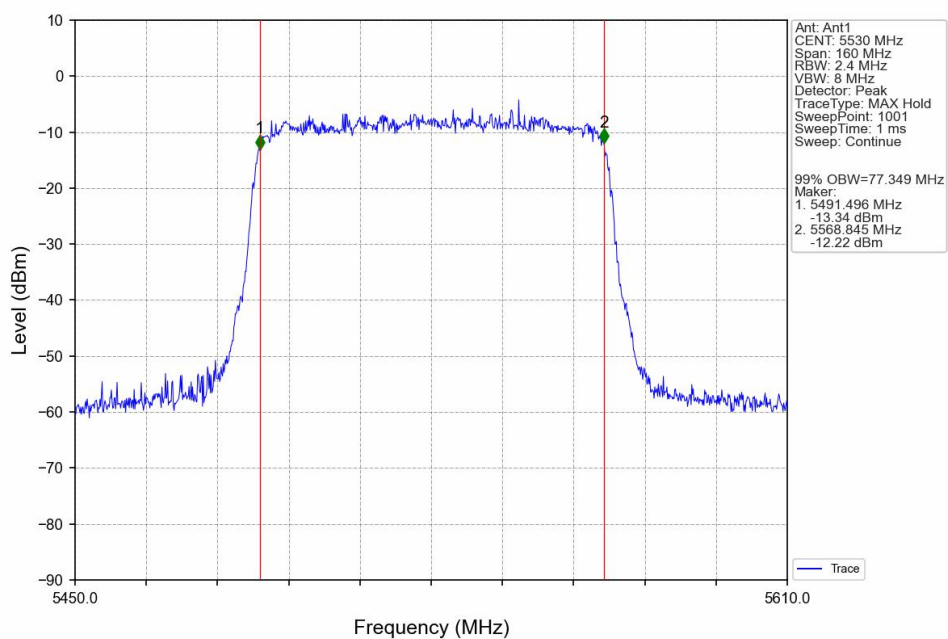


FCC ID: 2BUT3-SILICONE

802.11ax(HEW40)_HCH_5670MHz_SU_ / Ant1_NTNV

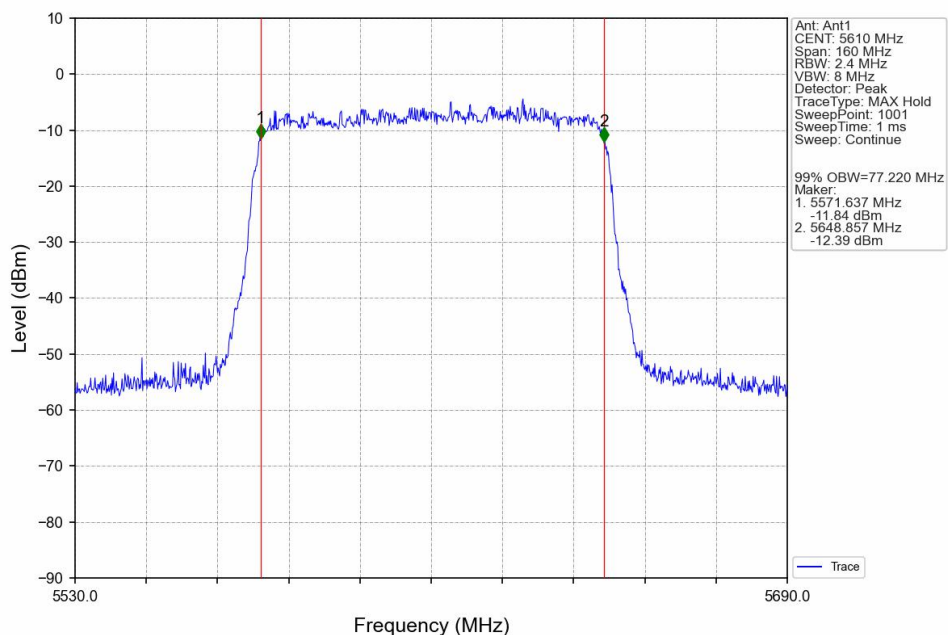


802.11ax(HEW80)_LCH_5530MHz_SU_ / Ant1_NTNV

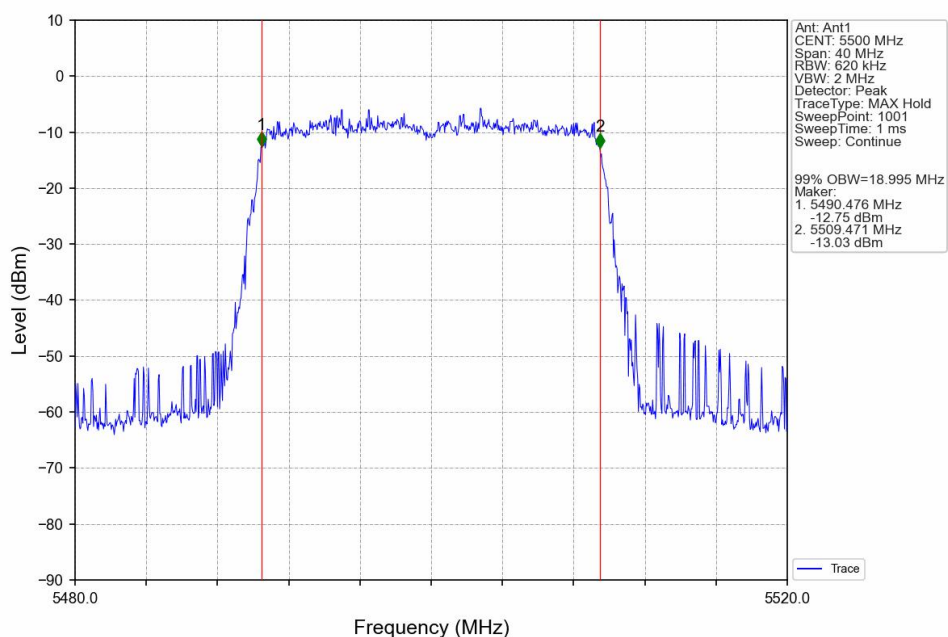


FCC ID: 2BUT3-SILICONE

802.11ax(HEW80) HCH_5610MHz_SU / Ant1_NTNV

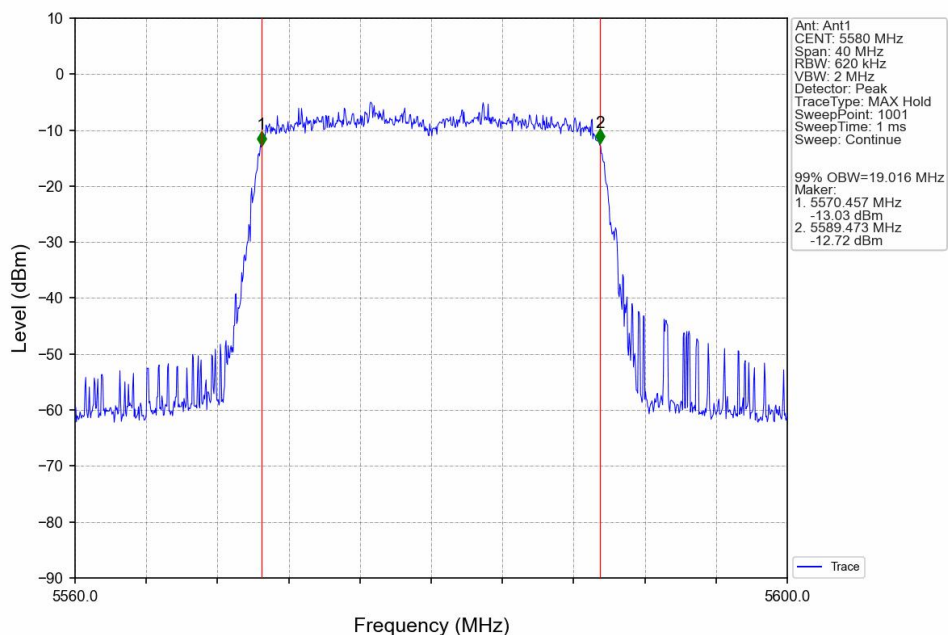


802.11ax(HEW20) LCH_5500MHz_SU / Ant1_NTNV

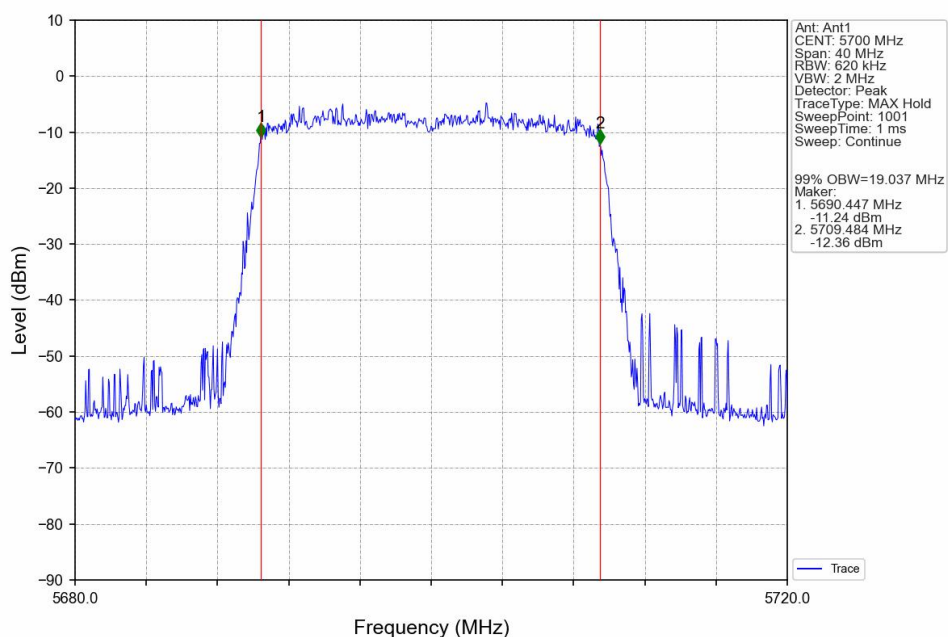


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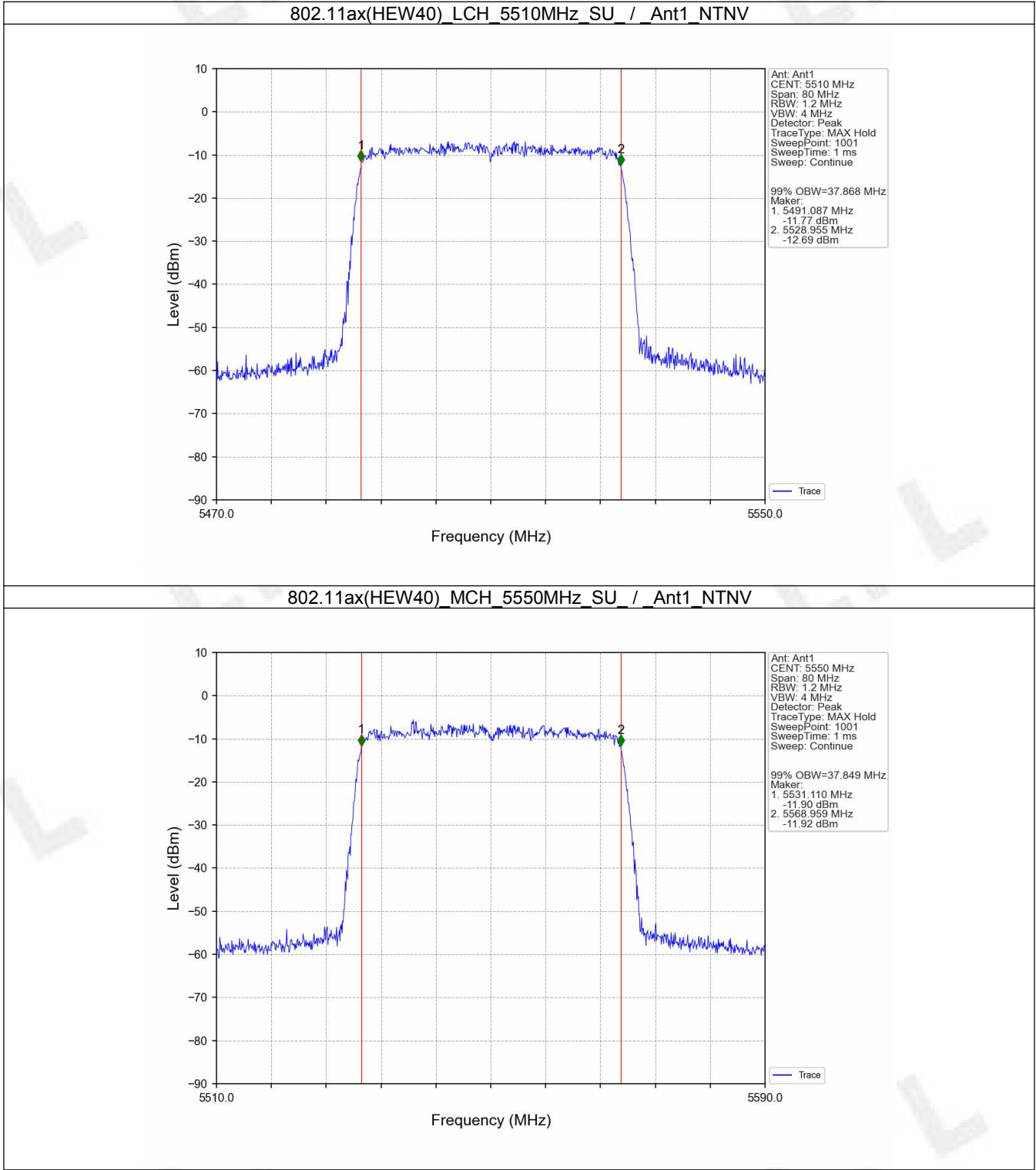
802.11ax(HEW20)_MCH_5580MHz_SU / Ant1_NTNV



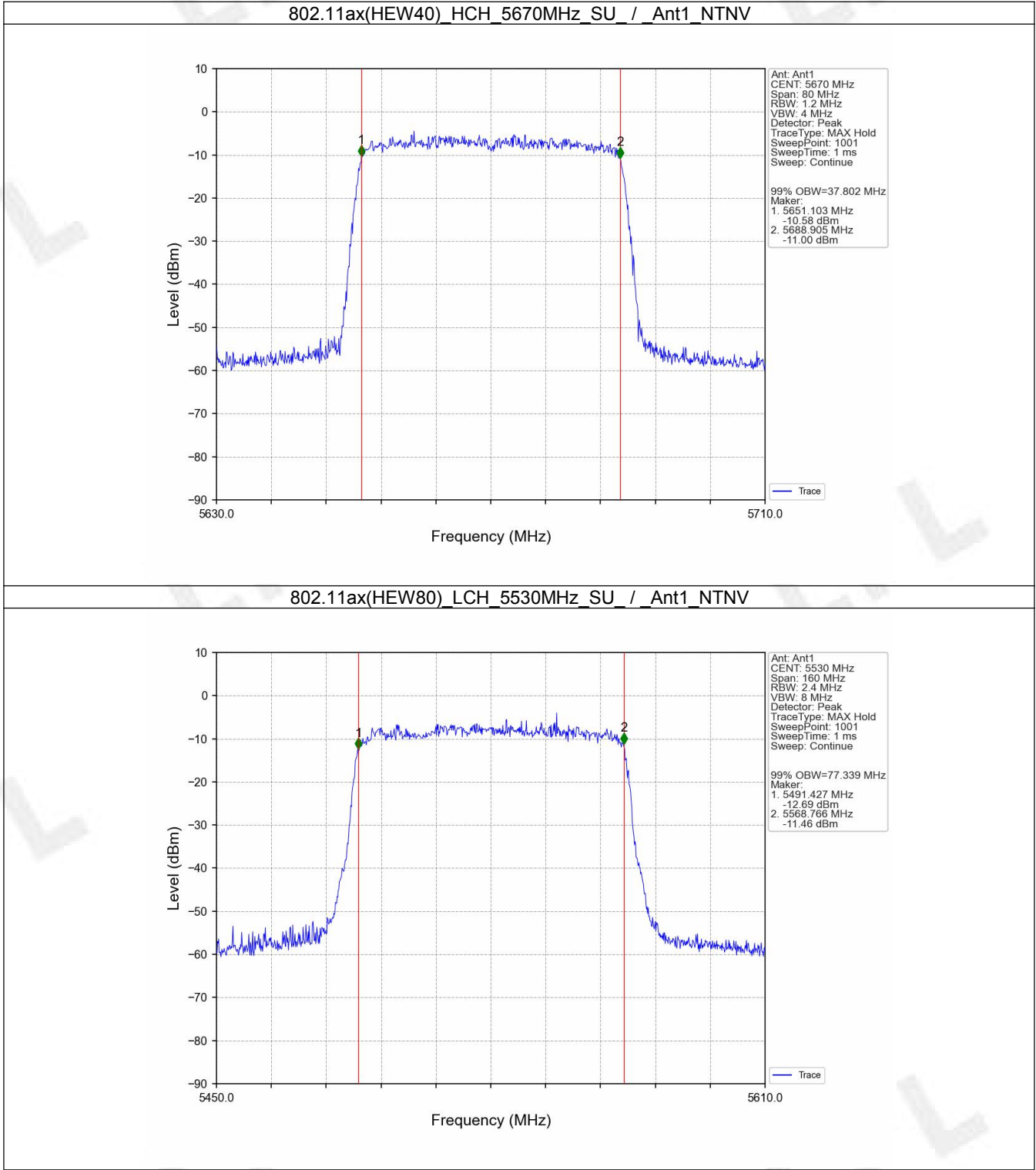
802.11ax(HEW20)_HCH_5700MHz_SU / Ant1_NTNV



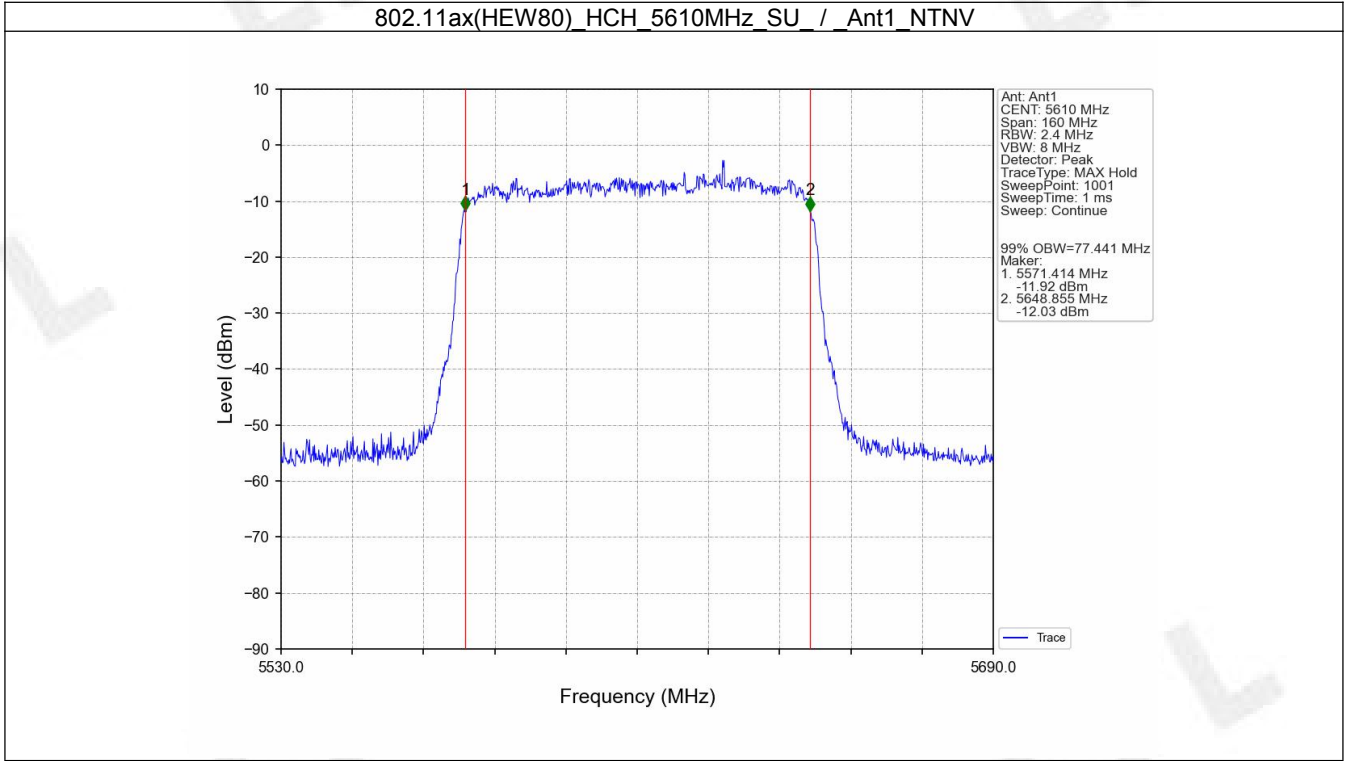
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FCC ID: 2BUT3-SILICONE

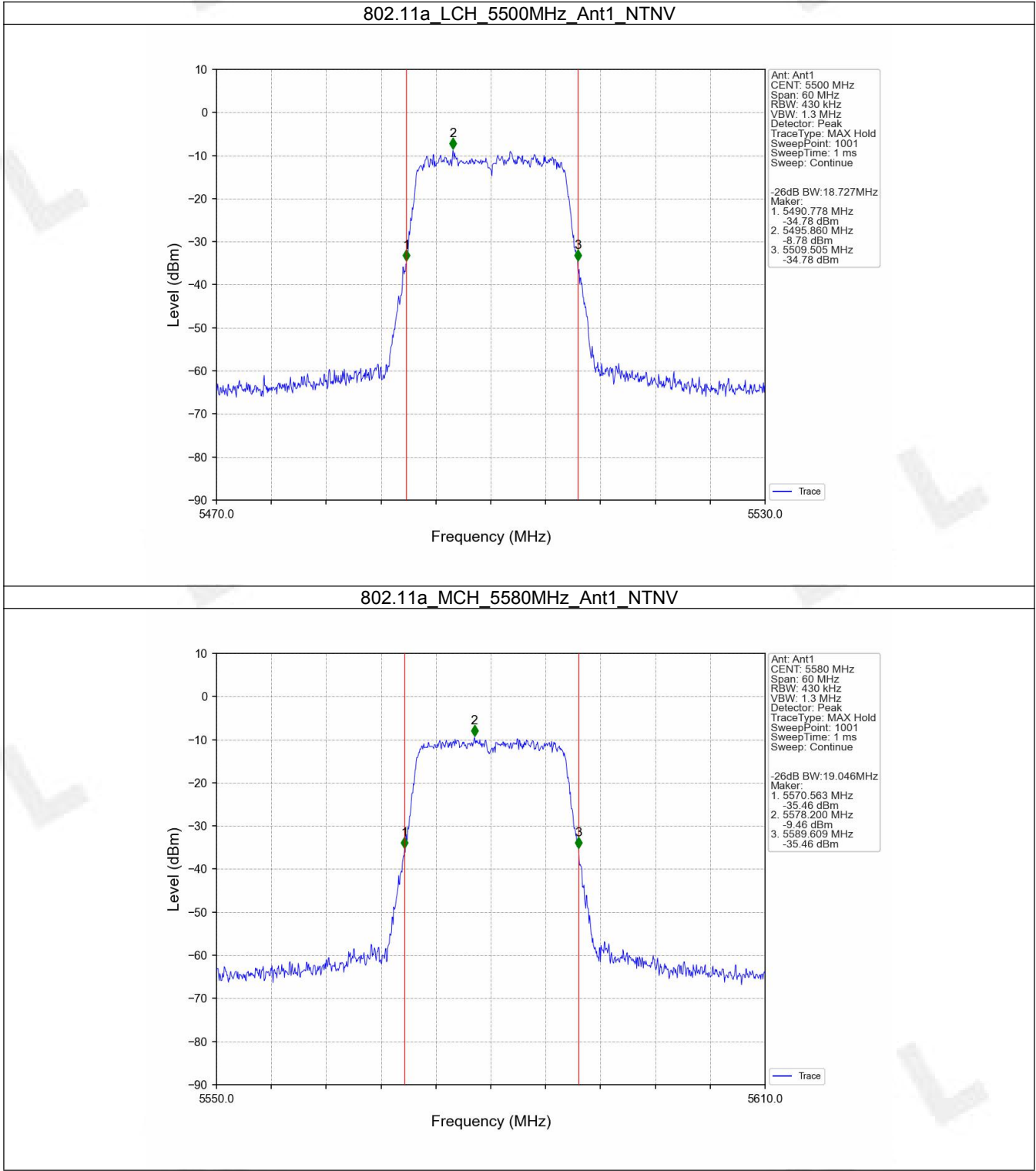


FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

2.2.2 26dB BW



FCC ID: 2BUT3-SILICONE

