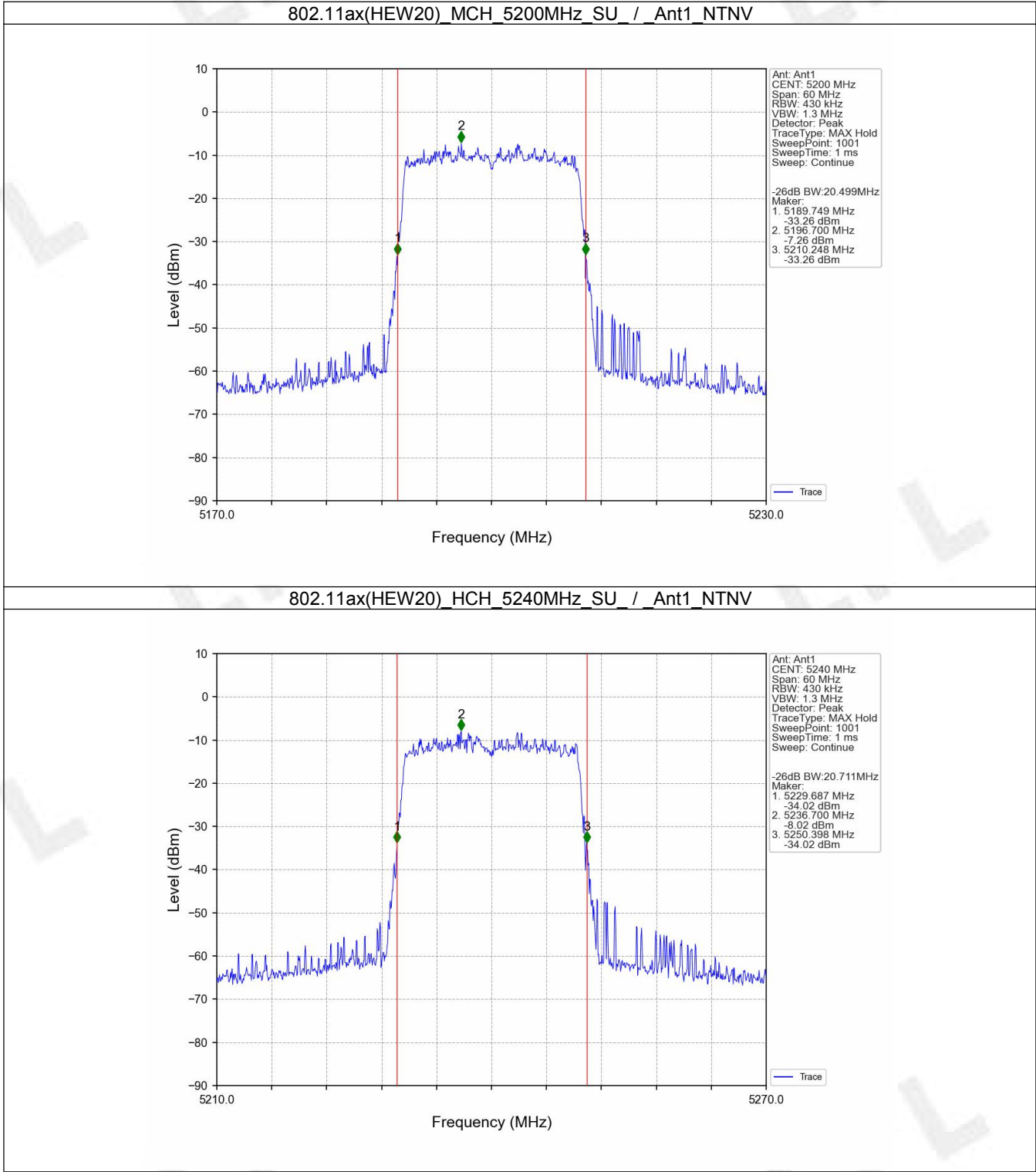
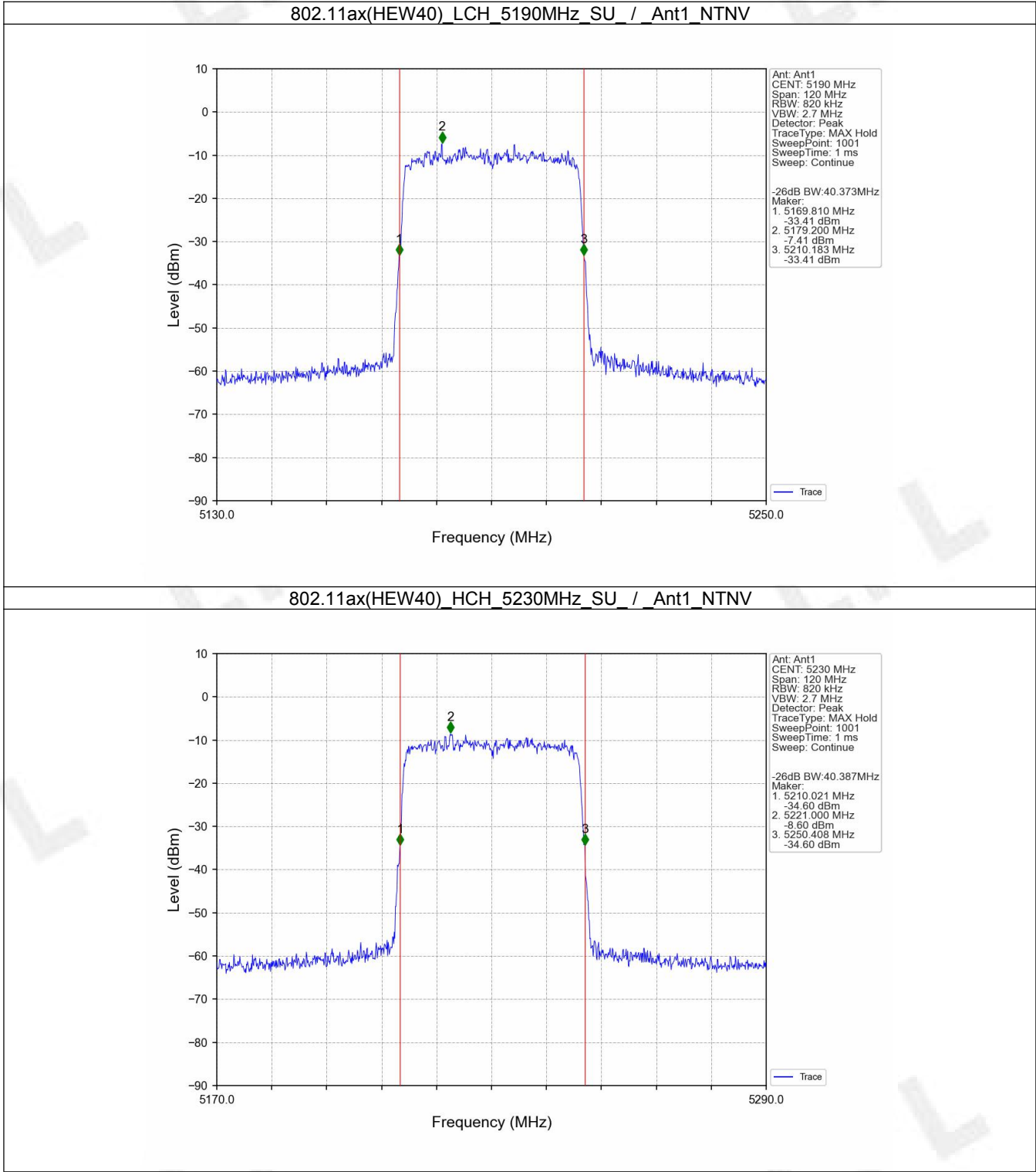


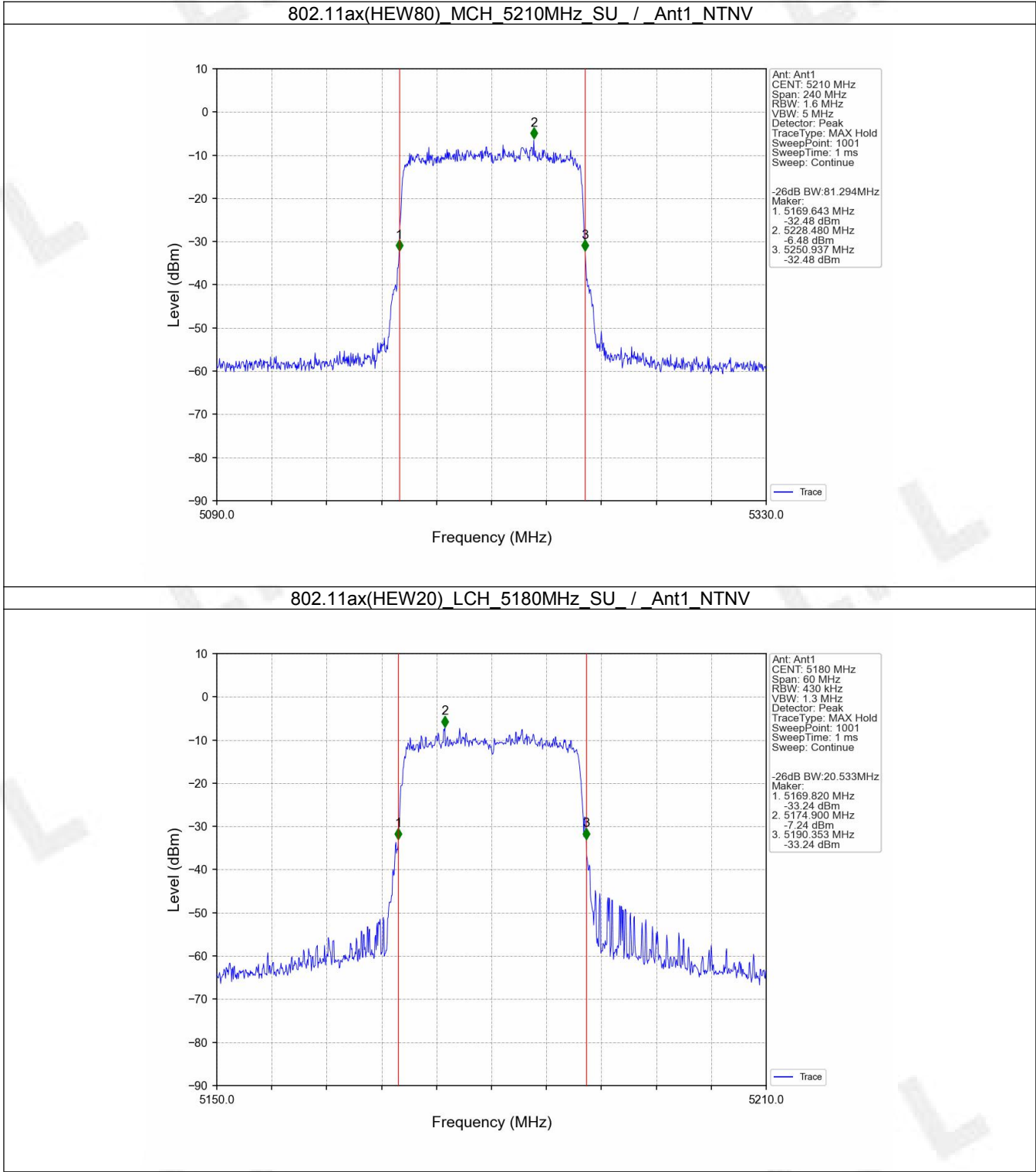
FCC ID: 2BUT3-SILICONE



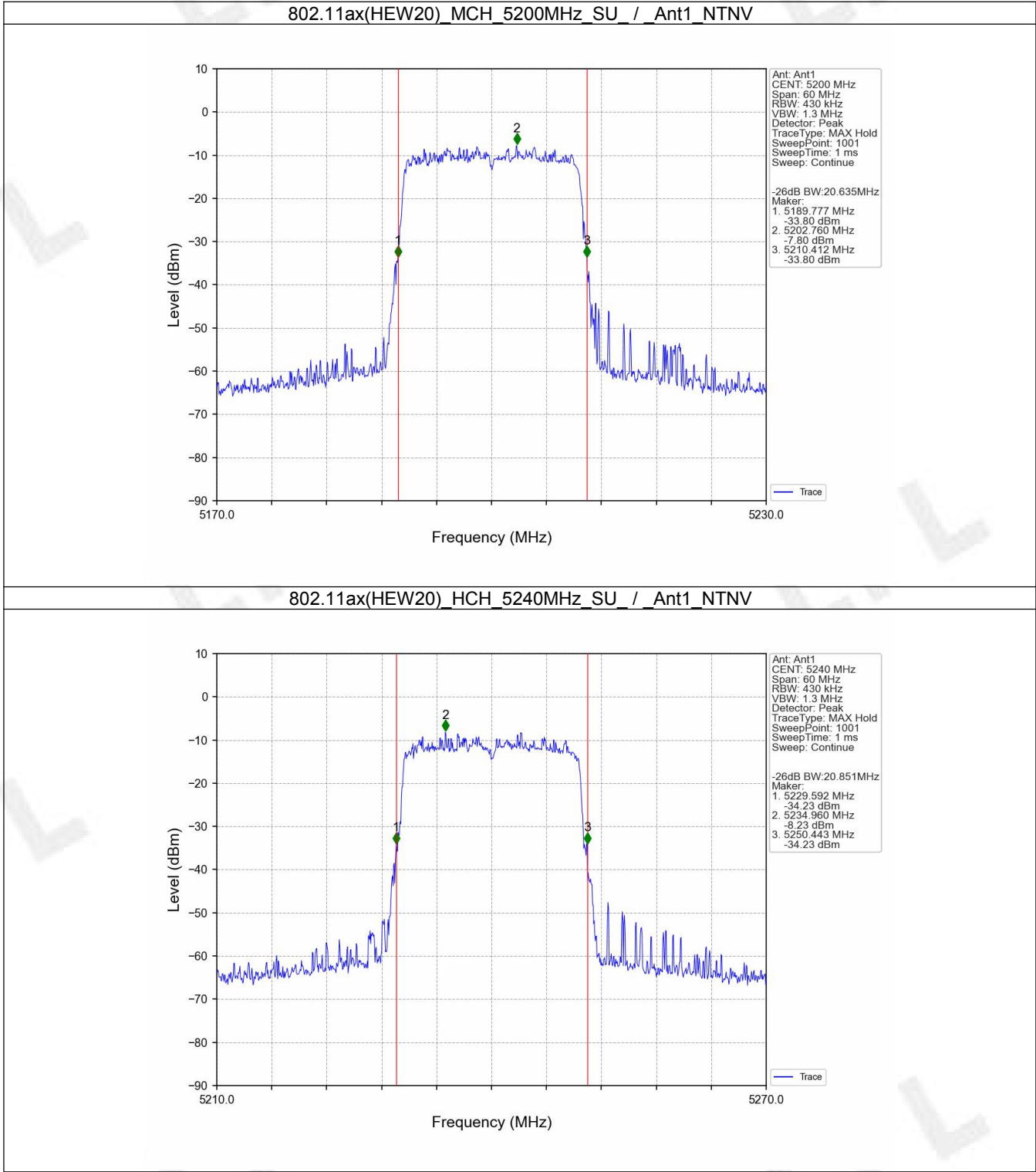
FCC ID: 2BUT3-SILICONE



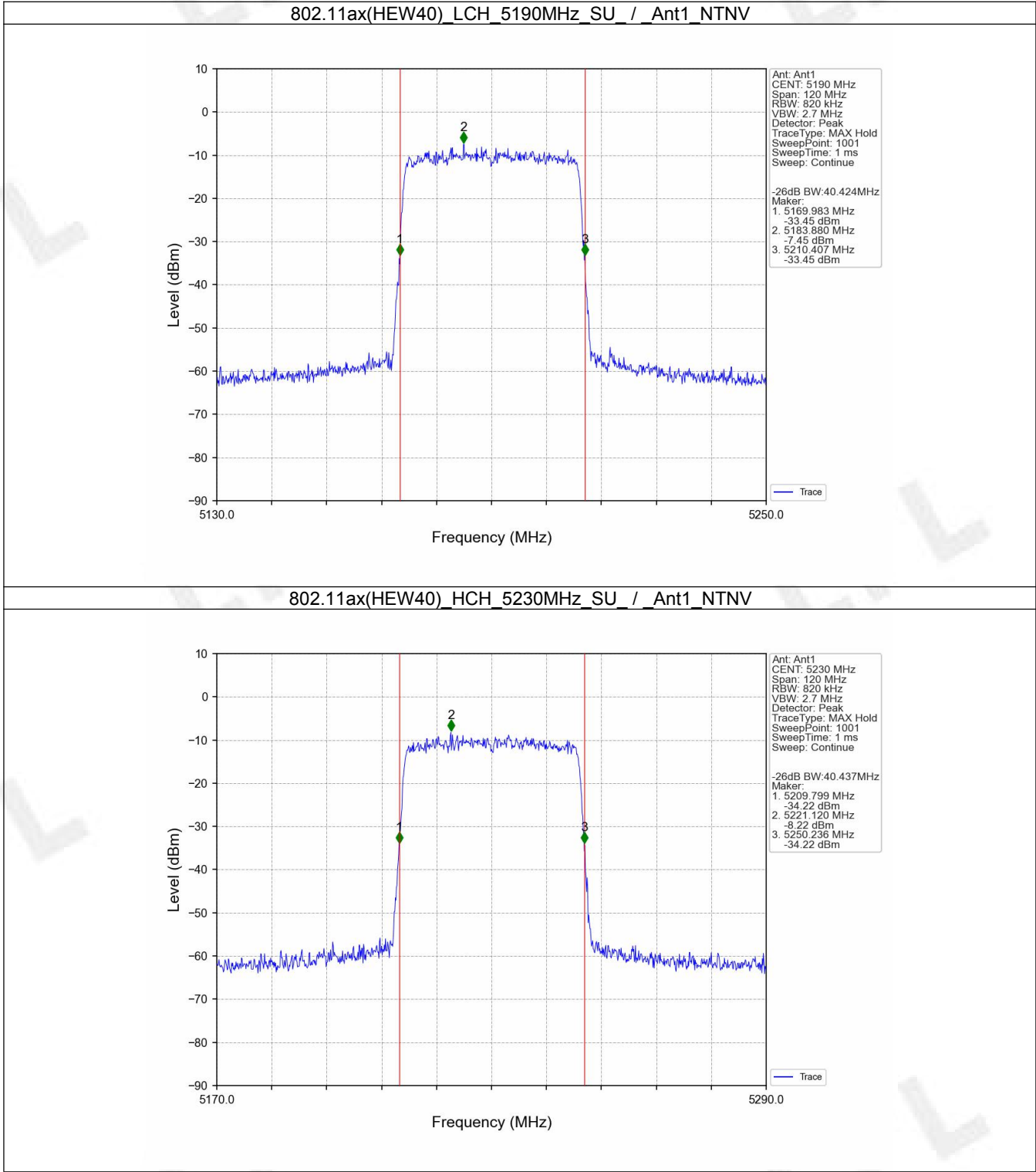
FCC ID: 2BUT3-SILICONE



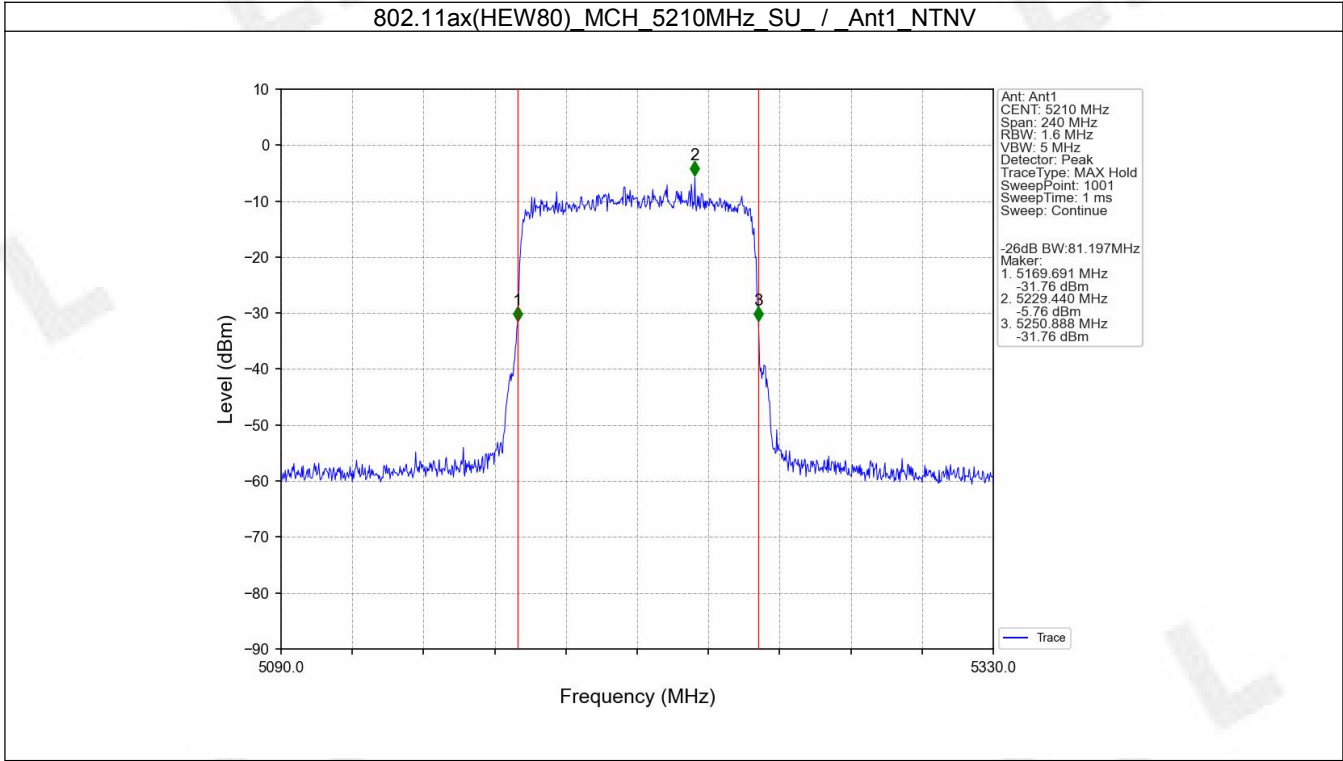
FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

3. Maximum Conducted Output Power**3.1 Test Result****3.1.1 Power**

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	-2.65	-1.94	/	<=23.98	Pass
		5200	/	/	-2.91	-2.76	/	<=23.98	Pass
		5240	/	/	-3.59	-2.76	/	<=23.98	Pass
802.11n (HT20)	SISO	5180	/	/	-1.59	-1.27	/	<=23.98	Pass
		5200	/	/	-1.66	-2.07	/	<=23.98	Pass
		5240	/	/	-2.64	-1.81	/	<=23.98	Pass
802.11n (HT40)	SISO	5190	/	/	-1.52	-1.22	/	<=23.98	Pass
		5230	/	/	-2.46	-1.58	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	/	/	-1.60	-1.14	1.65	<=23.98	Pass
		5200	/	/	-1.58	-1.93	1.26	<=23.98	Pass
		5240	/	/	-2.35	-1.59	1.06	<=23.98	Pass
802.11n (HT40)	MIMO	5190	/	/	-1.57	-1.08	1.69	<=23.98	Pass
		5230	/	/	-2.17	-1.30	1.30	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	/	/	-1.64	-1.16	/	<=23.98	Pass
		5200	/	/	-1.63	-1.90	/	<=23.98	Pass
		5240	/	/	-2.64	-1.65	/	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	/	/	-1.64	-1.19	/	<=23.98	Pass
		5230	/	/	-2.35	-1.37	/	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	/	/	-1.35	-0.97	/	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-1.62	-1.16	1.63	<=23.98	Pass
		5200	/	/	-1.57	-2.03	1.22	<=23.98	Pass
		5240	/	/	-2.41	-1.62	1.01	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-1.56	-1.15	1.66	<=23.98	Pass
		5230	/	/	-2.20	-1.39	1.23	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-1.53	-0.94	1.79	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	SU	/	-1.68	-1.23	/	<=23.98	Pass
		5200	SU	/	-1.70	-1.88	/	<=23.98	Pass
		5240	SU	/	-2.50	-1.70	/	<=23.98	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-1.73	-1.06	/	<=23.98	Pass
		5230	SU	/	-2.18	-1.46	/	<=23.98	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-1.41	-0.76	/	<=23.98	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	-1.31	-1.28	1.72	<=23.98	Pass
		5200	SU	/	-1.54	-2.05	1.22	<=23.98	Pass
		5240	SU	/	-2.35	-1.77	0.96	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-1.33	-1.03	1.83	<=23.98	Pass
		5230	SU	/	-1.93	-1.20	1.46	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-1.29	-1.17	1.78	<=23.98	Pass

Note1: Antenna Gain: Ant1: 2.88dBi; Ant2: 2.62dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

FCC ID: 2BUT3-SILICONE

4. Maximum Power Spectral Density**4.1 Test Result****4.1.1 PSD**

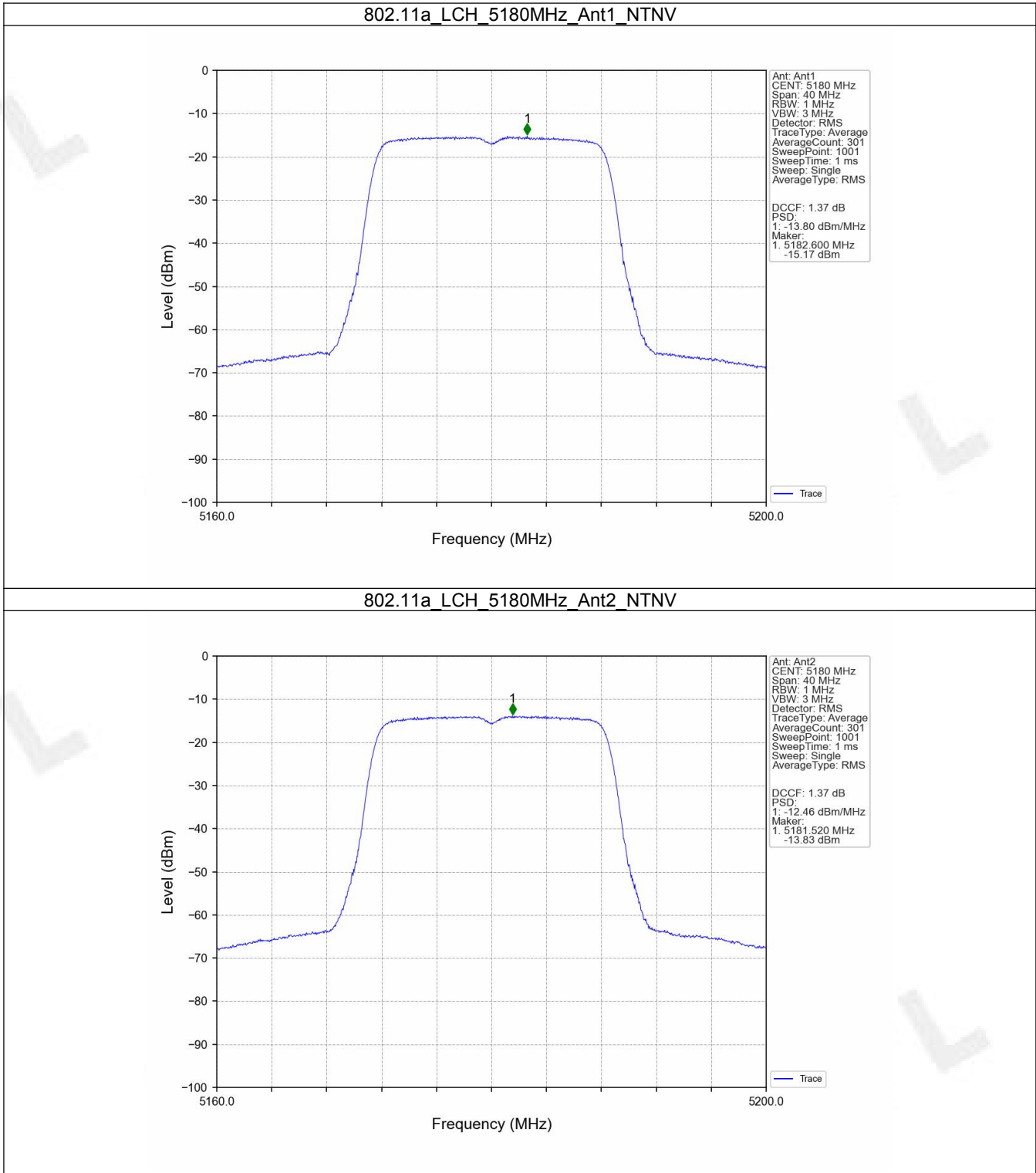
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	-13.80	-12.46	/	<=11	Pass
		5200	/	/	-13.47	-13.46	/	<=11	Pass
		5240	/	/	-14.63	-13.55	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-12.88	-12.66	/	<=11	Pass
		5200	/	/	-12.95	-13.41	/	<=11	Pass
		5240	/	/	-14.12	-13.04	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-16.02	-15.34	/	<=11	Pass
		5230	/	/	-16.61	-15.70	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	-12.70	-12.63	-9.77	<=11	Pass
		5200	/	/	-12.73	-13.32	-10.12	<=11	Pass
		5240	/	/	-13.67	-12.98	-10.41	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-15.81	-15.38	-12.64	<=11	Pass
		5230	/	/	-16.41	-15.71	-13.12	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-12.96	-12.58	/	<=11	Pass
		5200	/	/	-13.11	-13.25	/	<=11	Pass
		5240	/	/	-13.74	-13.12	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-16.14	-15.68	/	<=11	Pass
		5230	/	/	-16.54	-15.76	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-18.75	-18.18	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-12.58	-12.40	-9.67	<=11	Pass
		5200	/	/	-12.98	-13.32	-10.28	<=11	Pass
		5240	/	/	-13.69	-12.96	-10.37	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-16.23	-15.27	-12.90	<=11	Pass
		5230	/	/	-16.34	-15.59	-12.96	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-18.47	-18.24	-15.53	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	-13.03	-12.69	/	<=11	Pass
		5200	SU	/	-13.25	-13.45	/	<=11	Pass
		5240	SU	/	-13.82	-13.02	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-15.89	-15.54	/	<=11	Pass
		5230	SU	/	-16.71	-15.42	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-18.36	-18.14	/	<=11	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	-12.75	-12.70	-9.91	<=11	Pass
		5200	SU	/	-12.59	-13.39	-10.17	<=11	Pass
		5240	SU	/	-13.80	-12.89	-10.54	<=11	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-16.10	-15.37	-12.80	<=11	Pass
		5230	SU	/	-16.27	-15.28	-12.99	<=11	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-18.67	-17.98	-15.44	<=11	Pass

Note1: Antenna Gain: Ant1: 2.88dBi; Ant2: 2.62dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

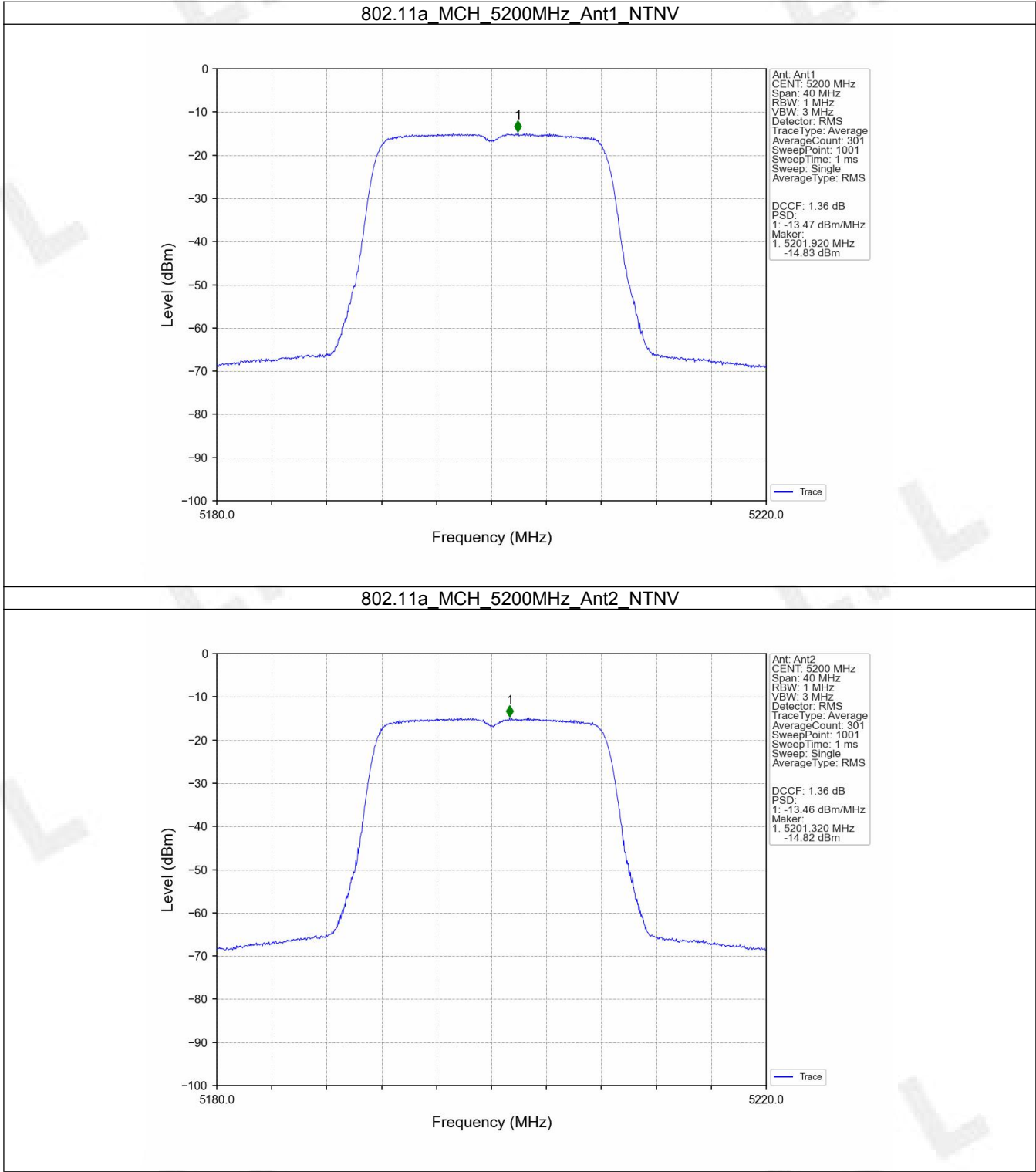
FCC ID: 2BUT3-SILICONE

4.2 Test Graph

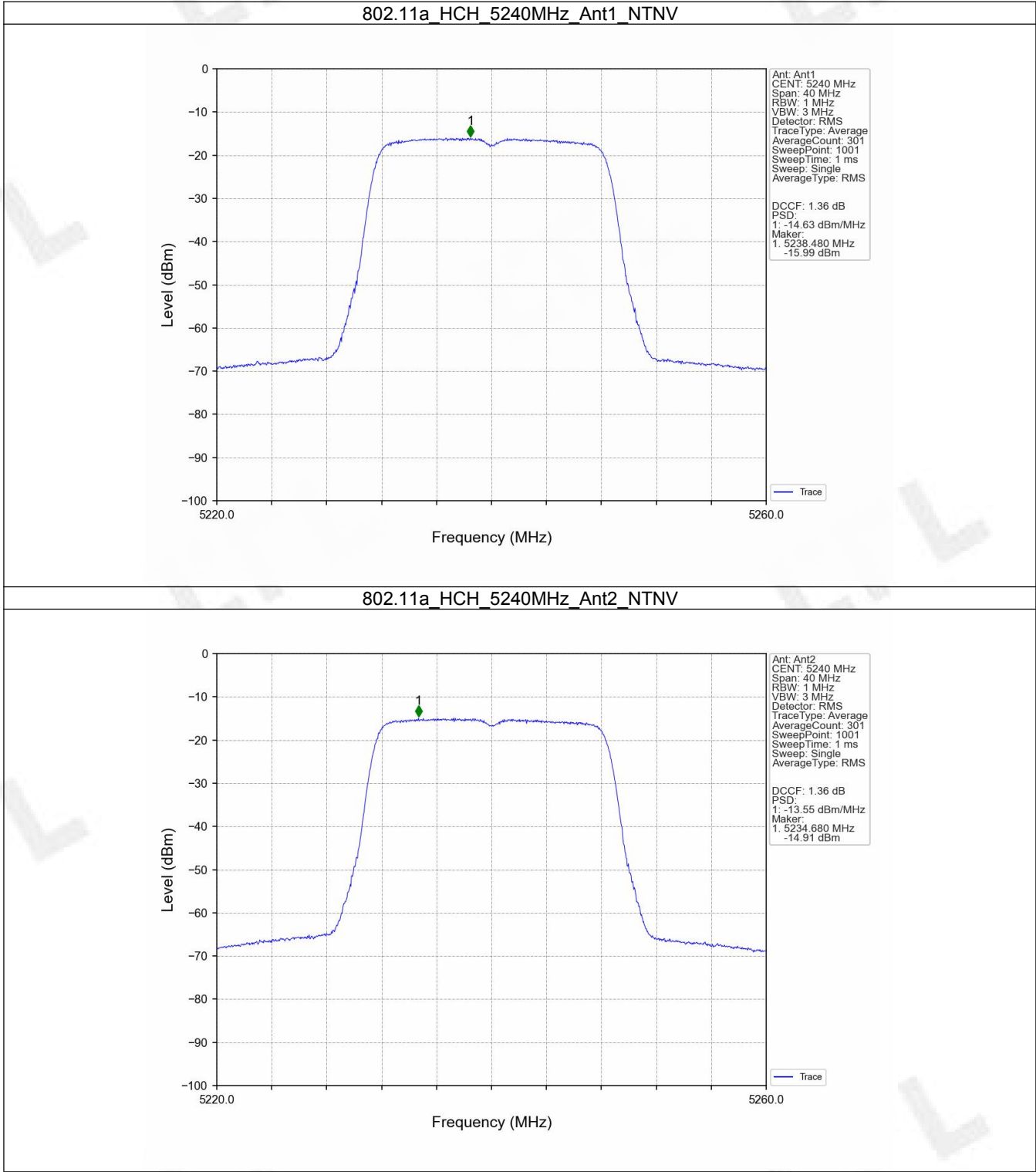
4.2.1 PSD



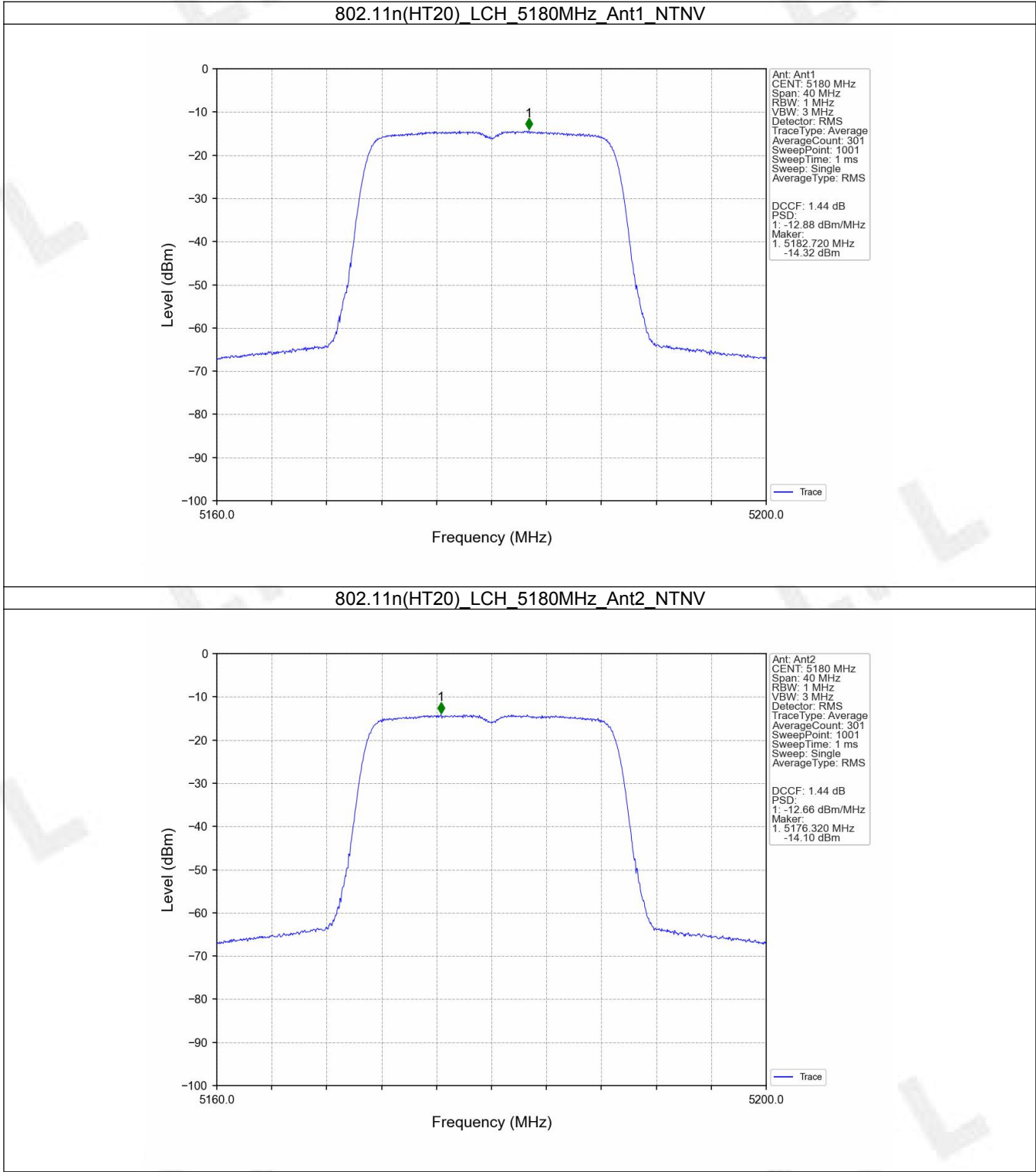
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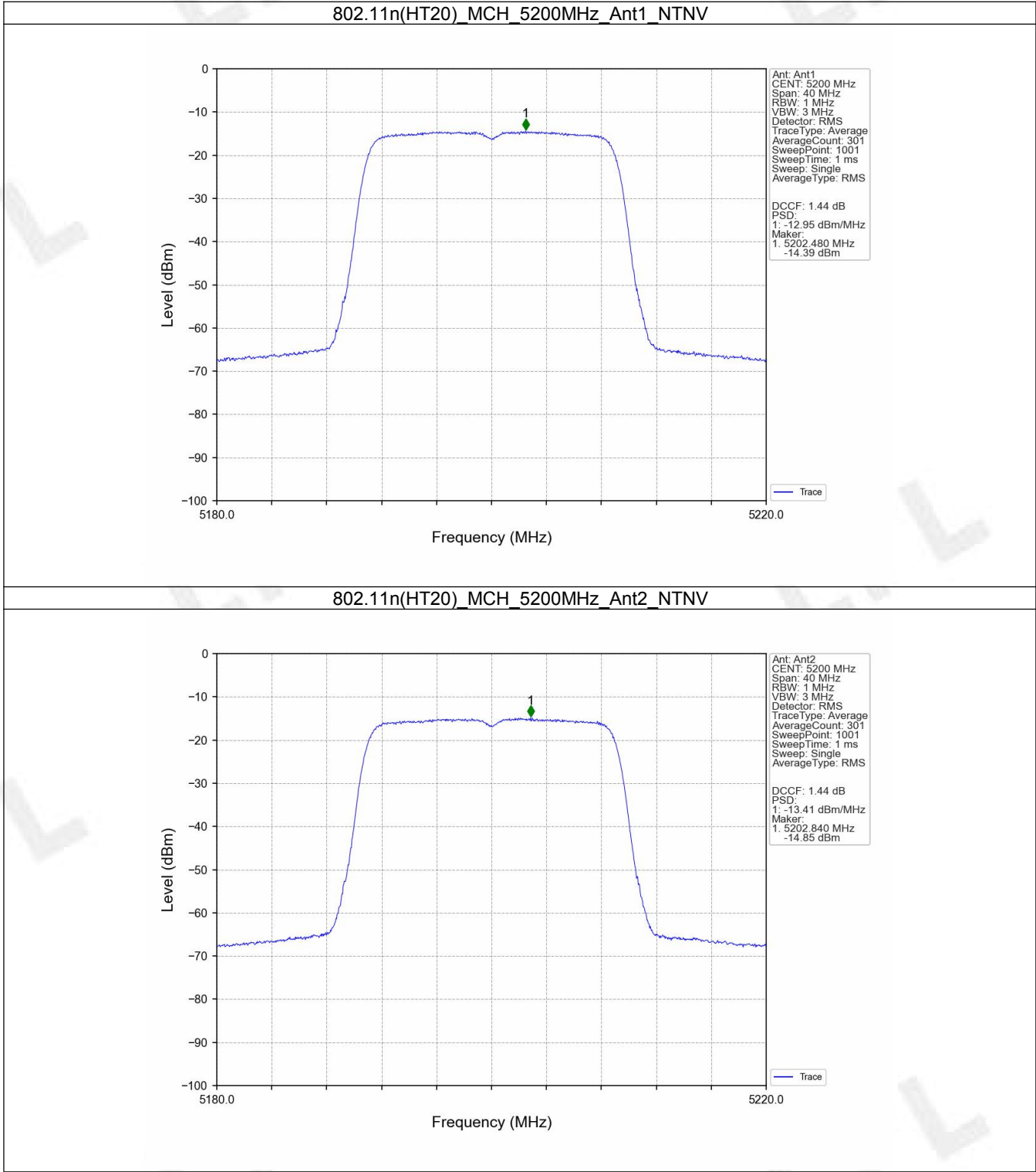
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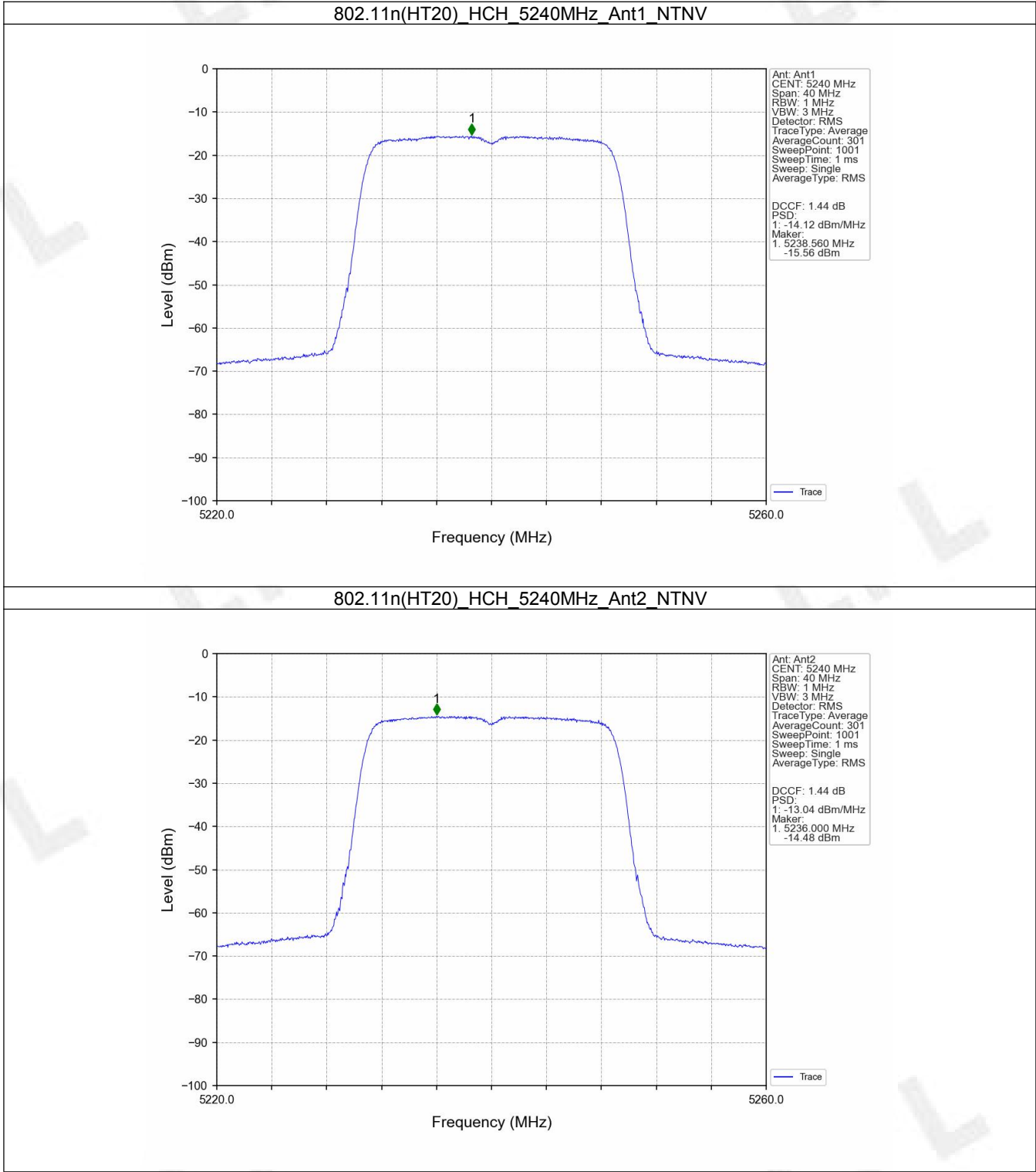
FCC ID: 2BUT3-SILICONE



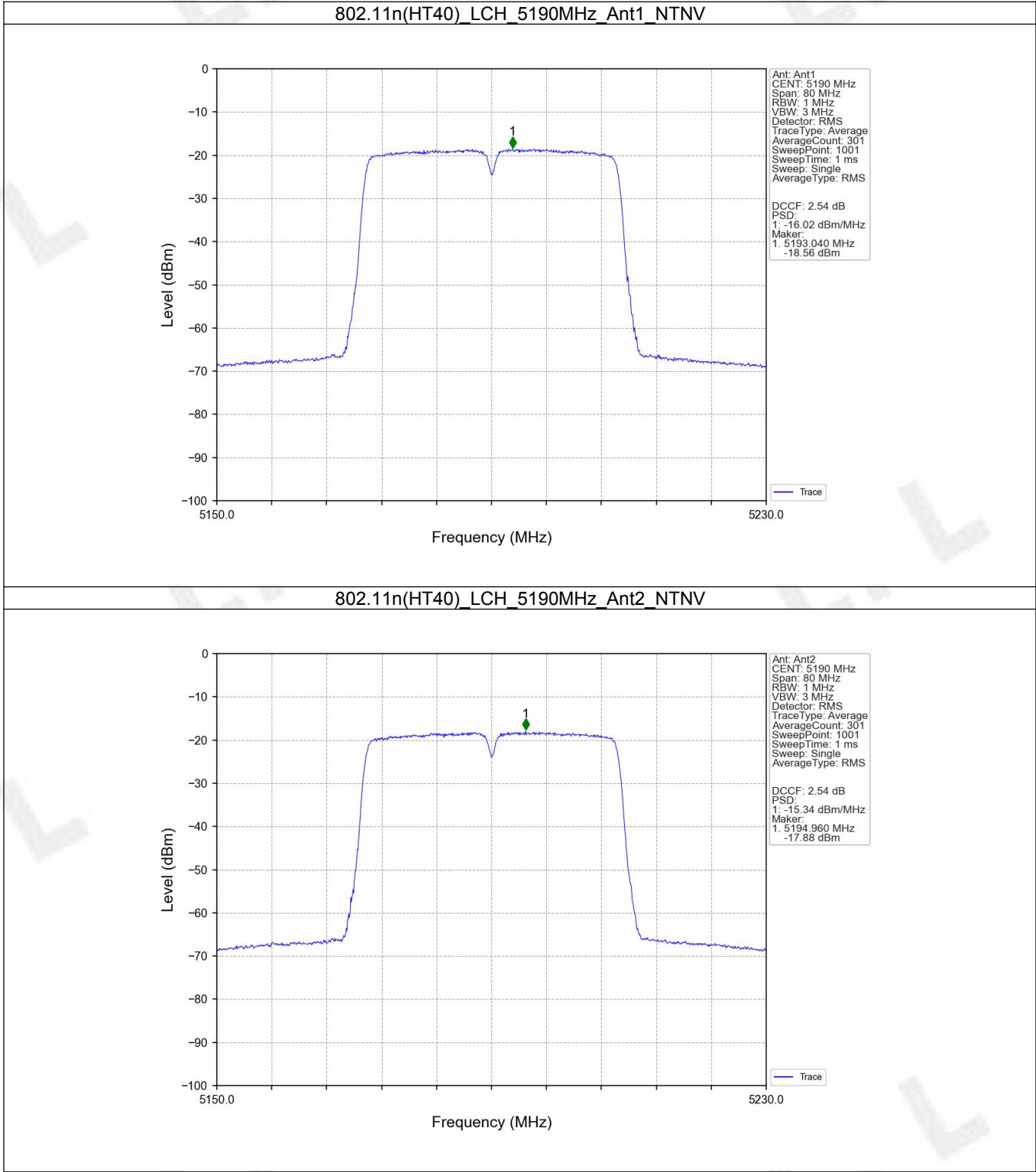
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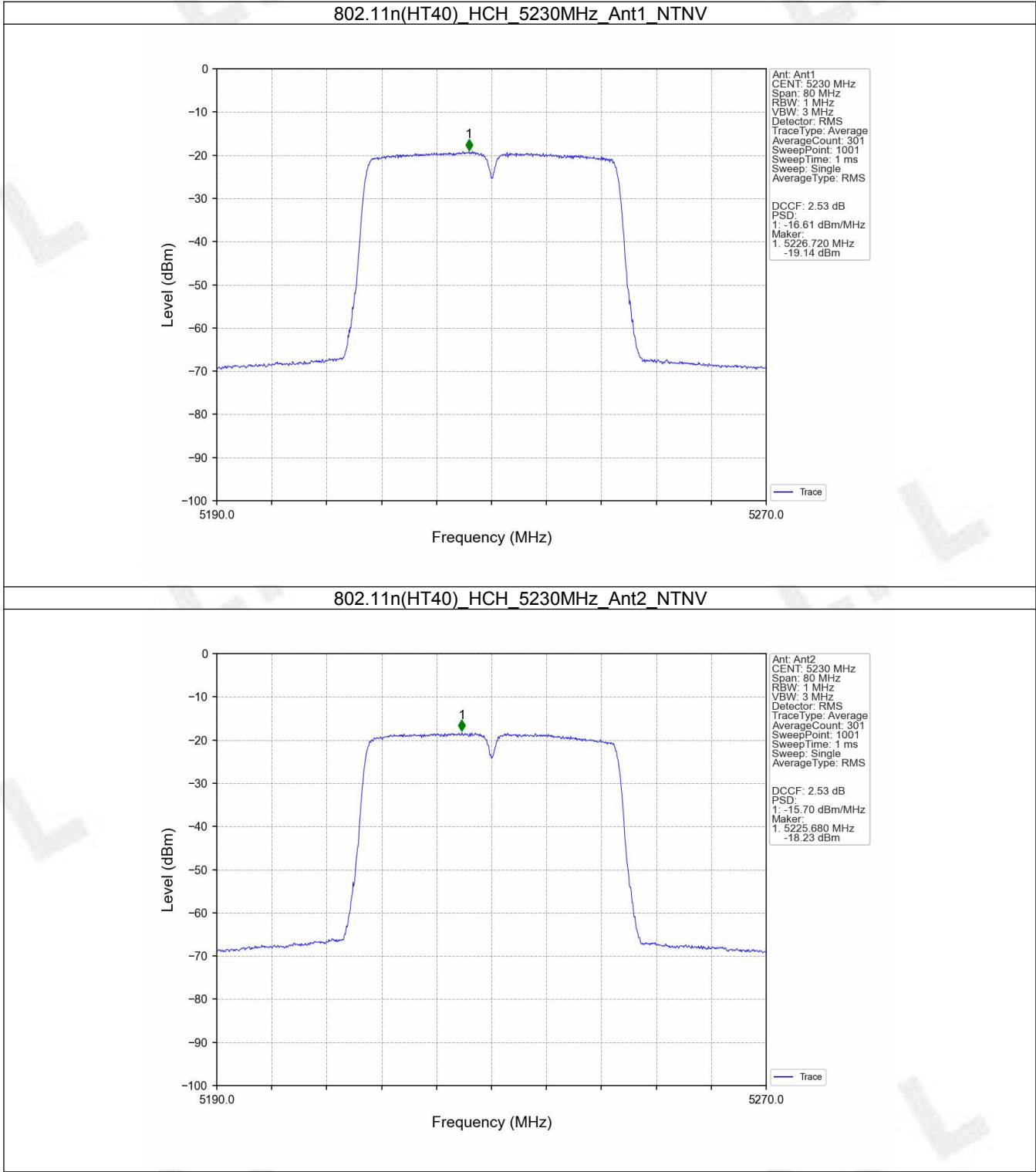
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FCC ID: 2BUT3-SILICONE

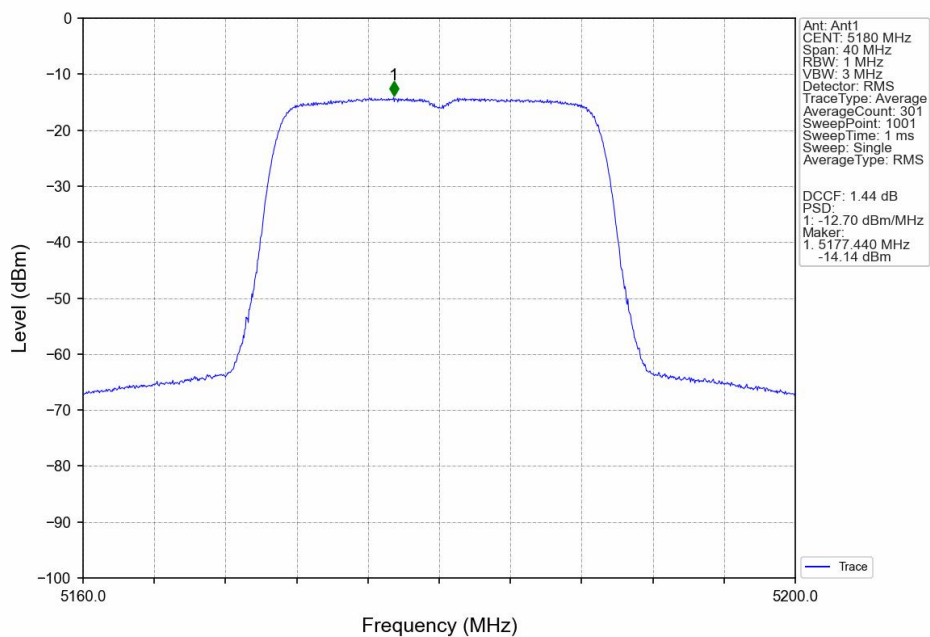


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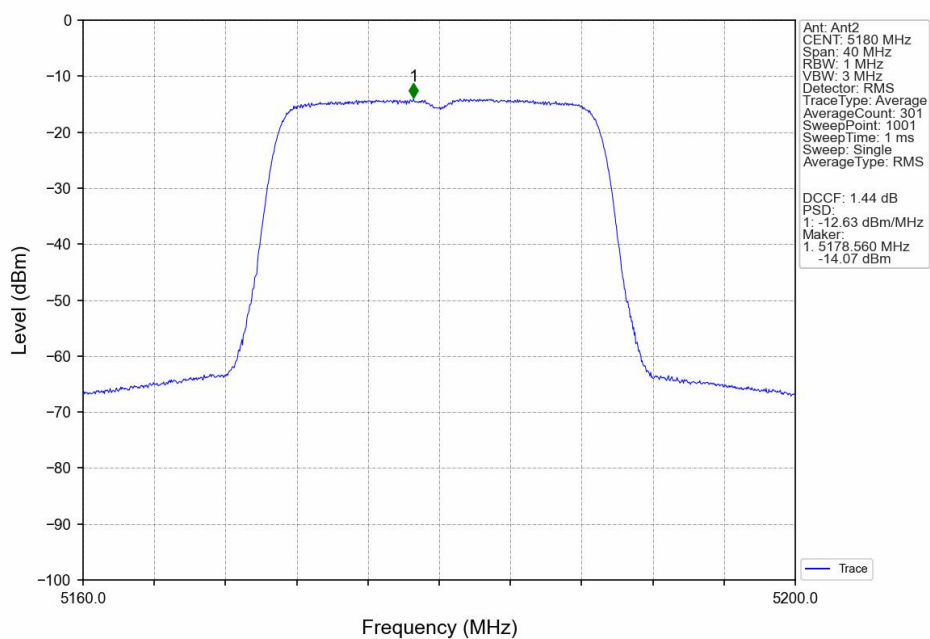


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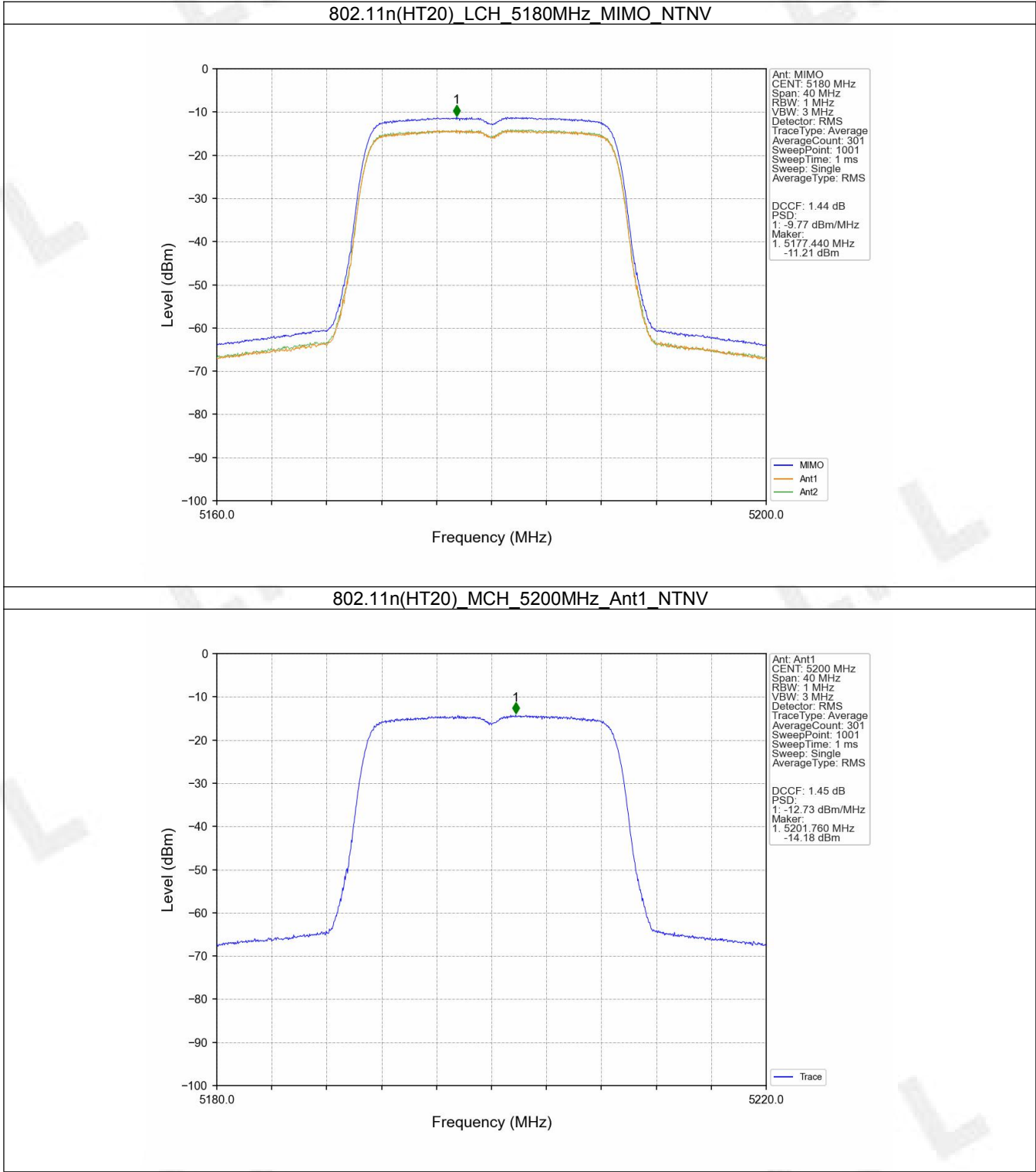
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



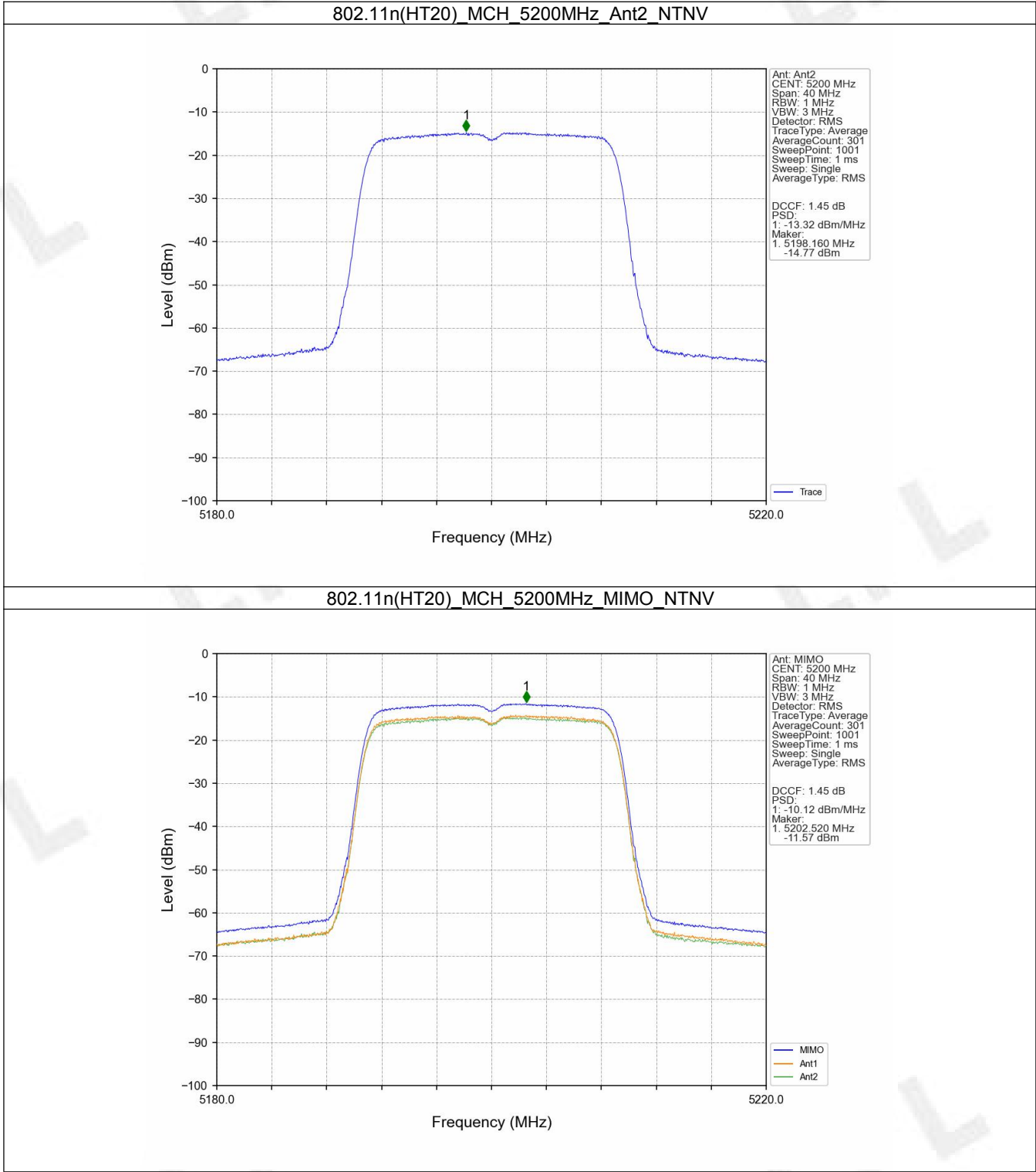
802.11n(HT20) LCH_5180MHz_Ant2_NTNV



FCC ID: 2BUT3-SILICONE

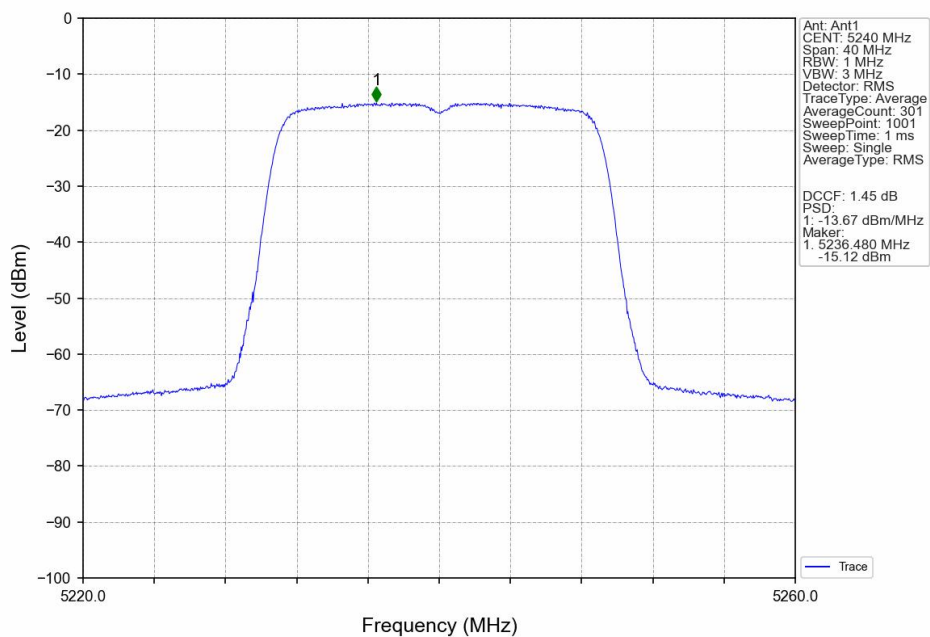


FCC ID: 2BUT3-SILICONE

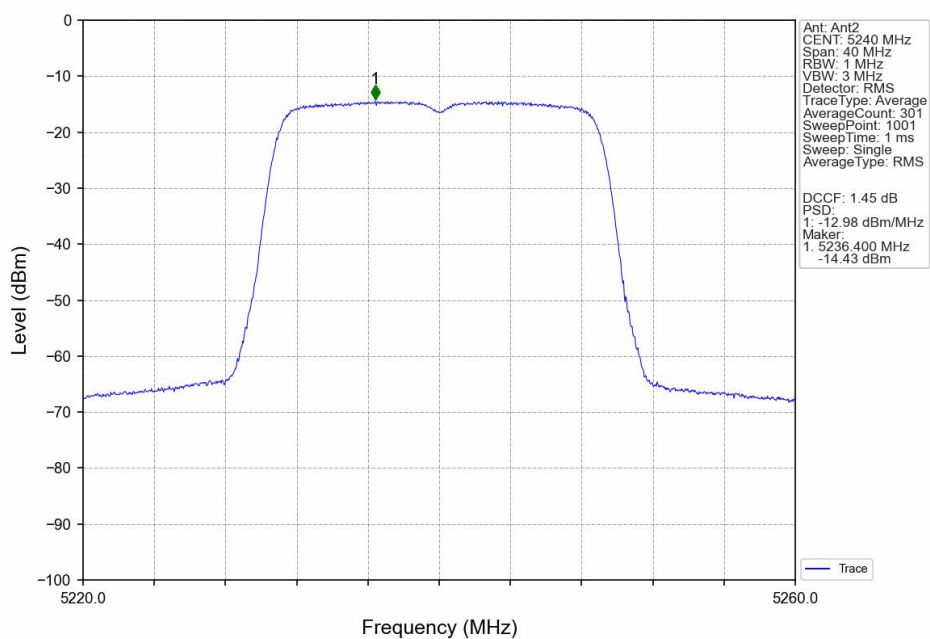


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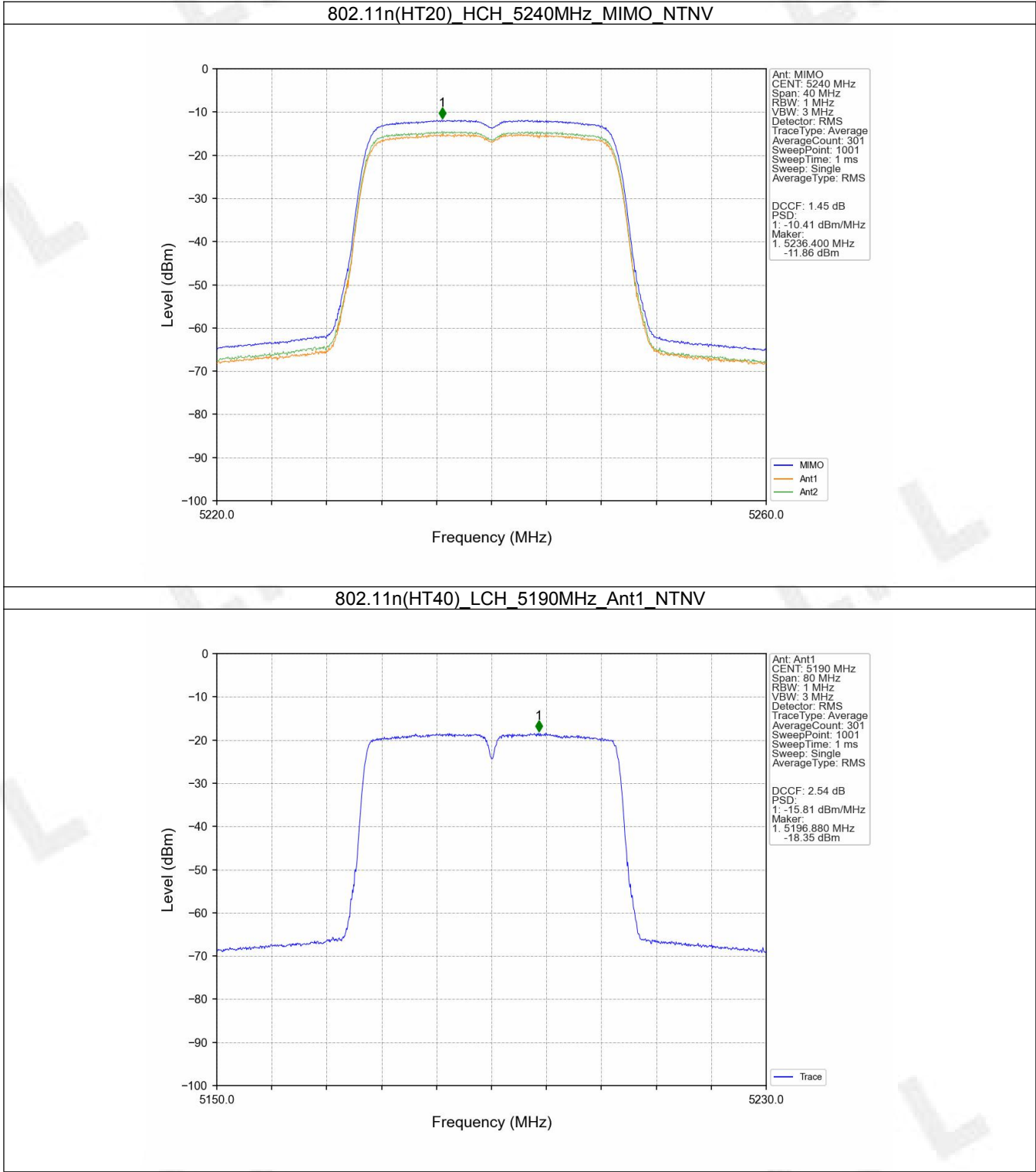
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



802.11n(HT20) HCH 5240MHz_Ant2_NTNV

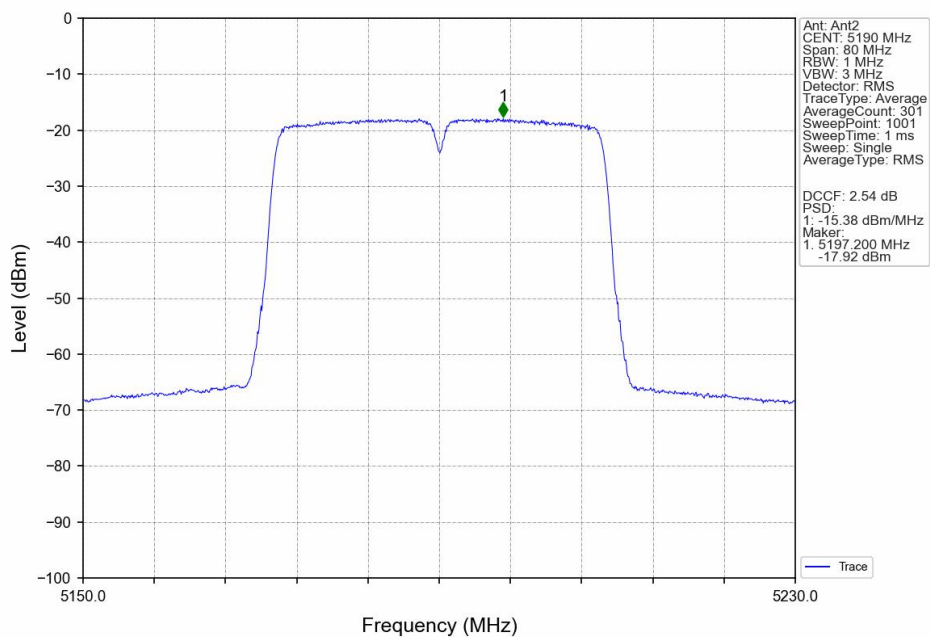


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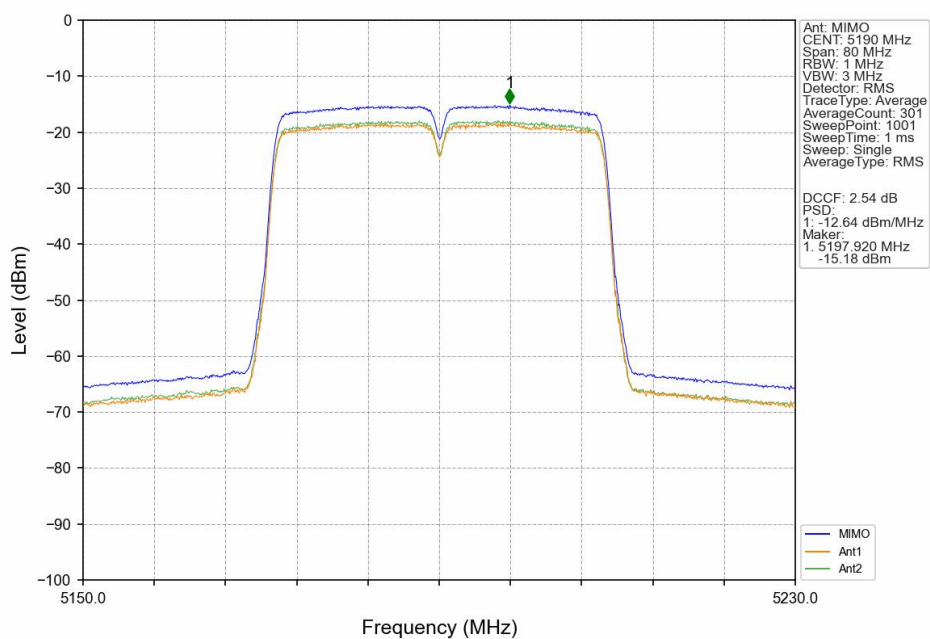


FCC ID: 2BUT3-SILICONE

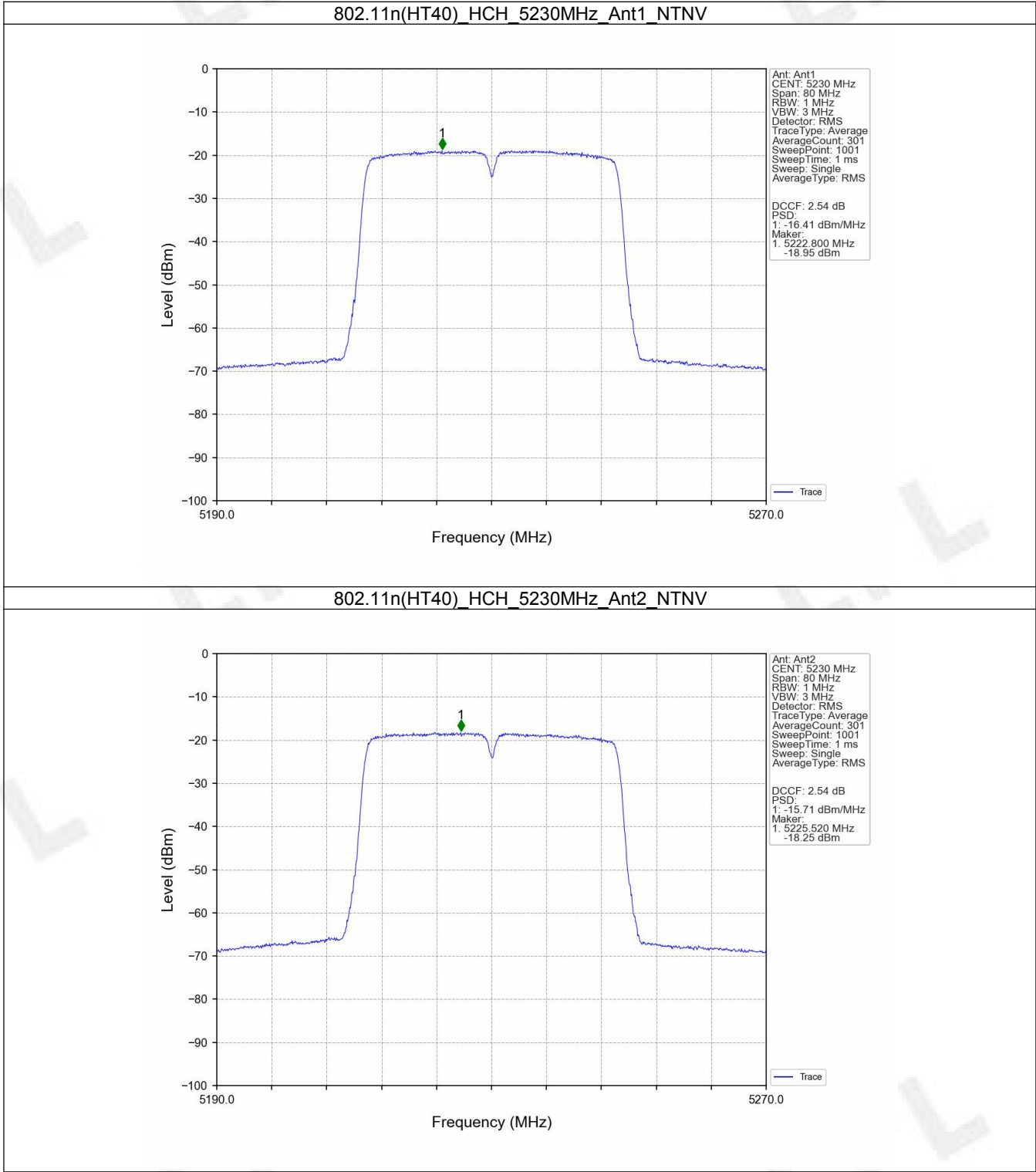
802.11n(HT40) LCH_5190MHz_Ant2_NTNV



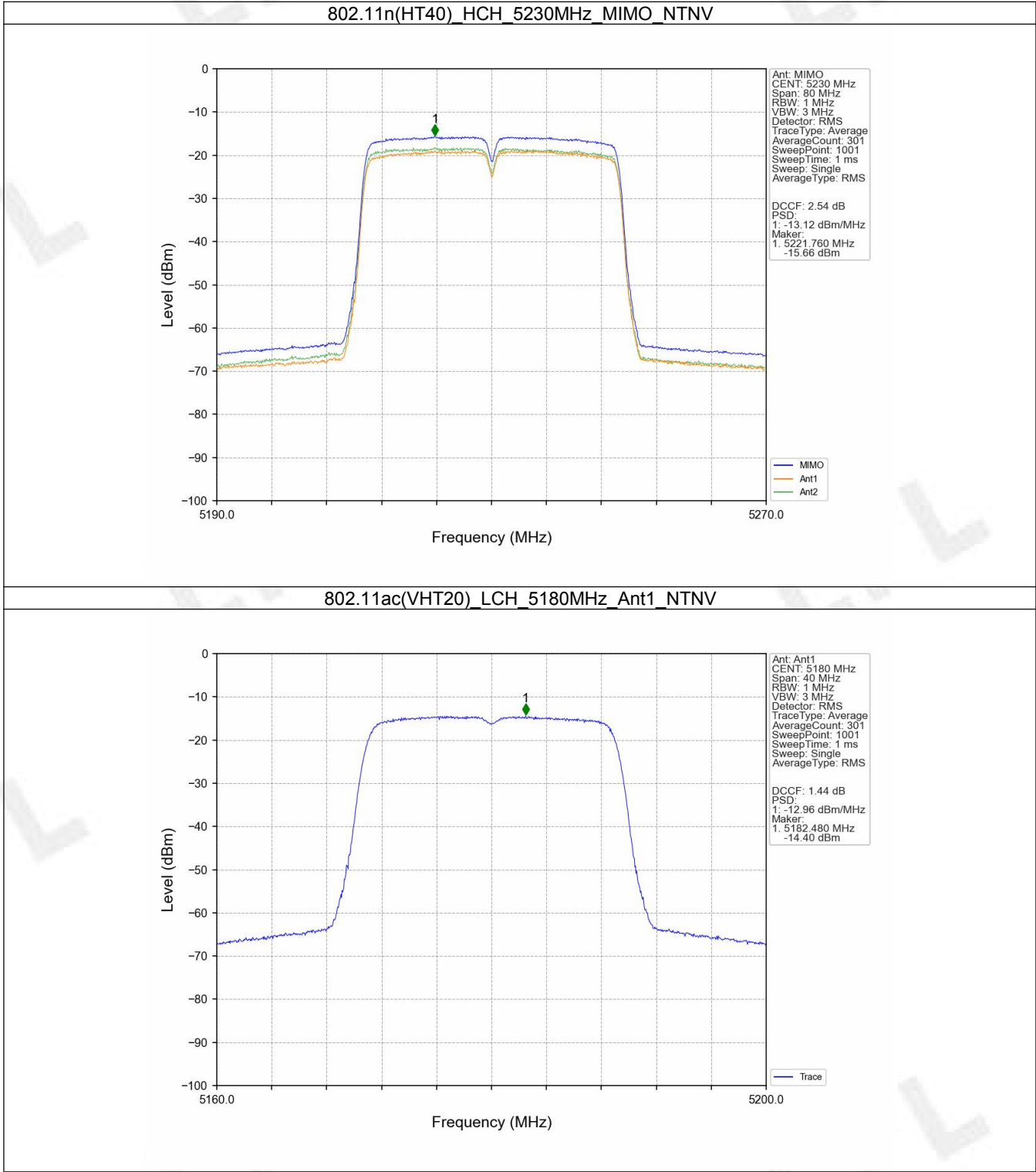
802.11n(HT40) LCH_5190MHz_MIMO_NTNV



FCC ID: 2BUT3-SILICONE

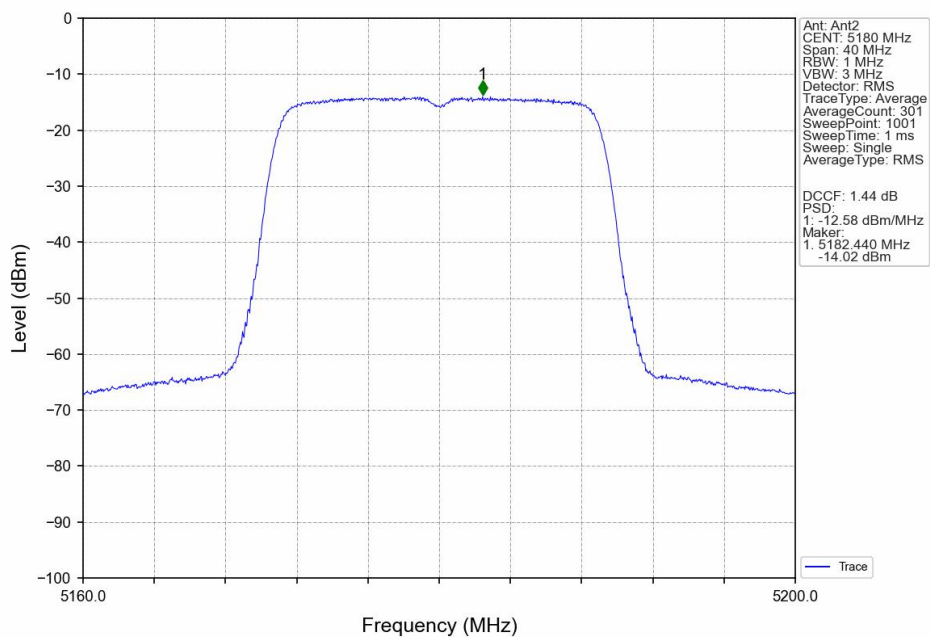


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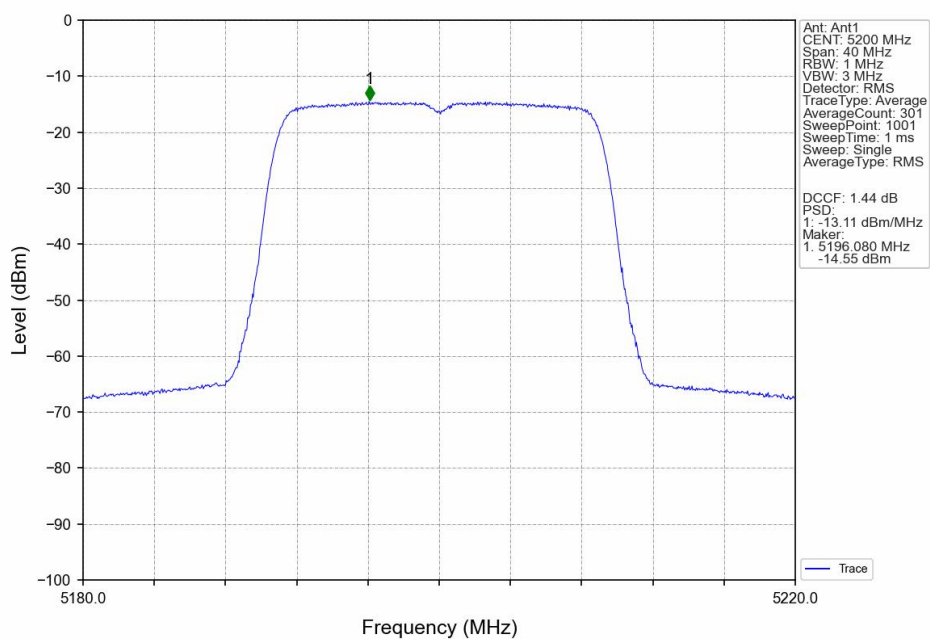


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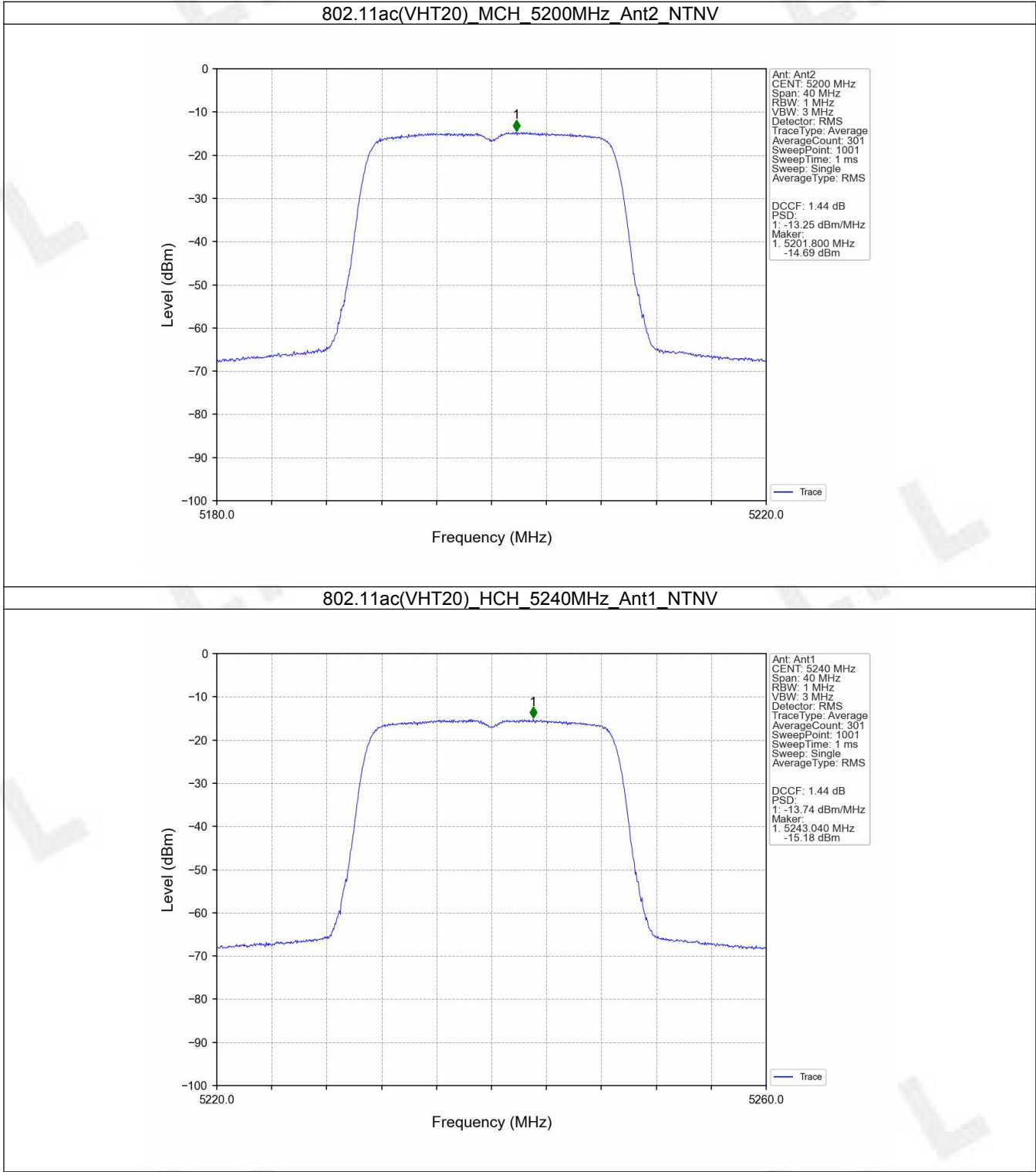
802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



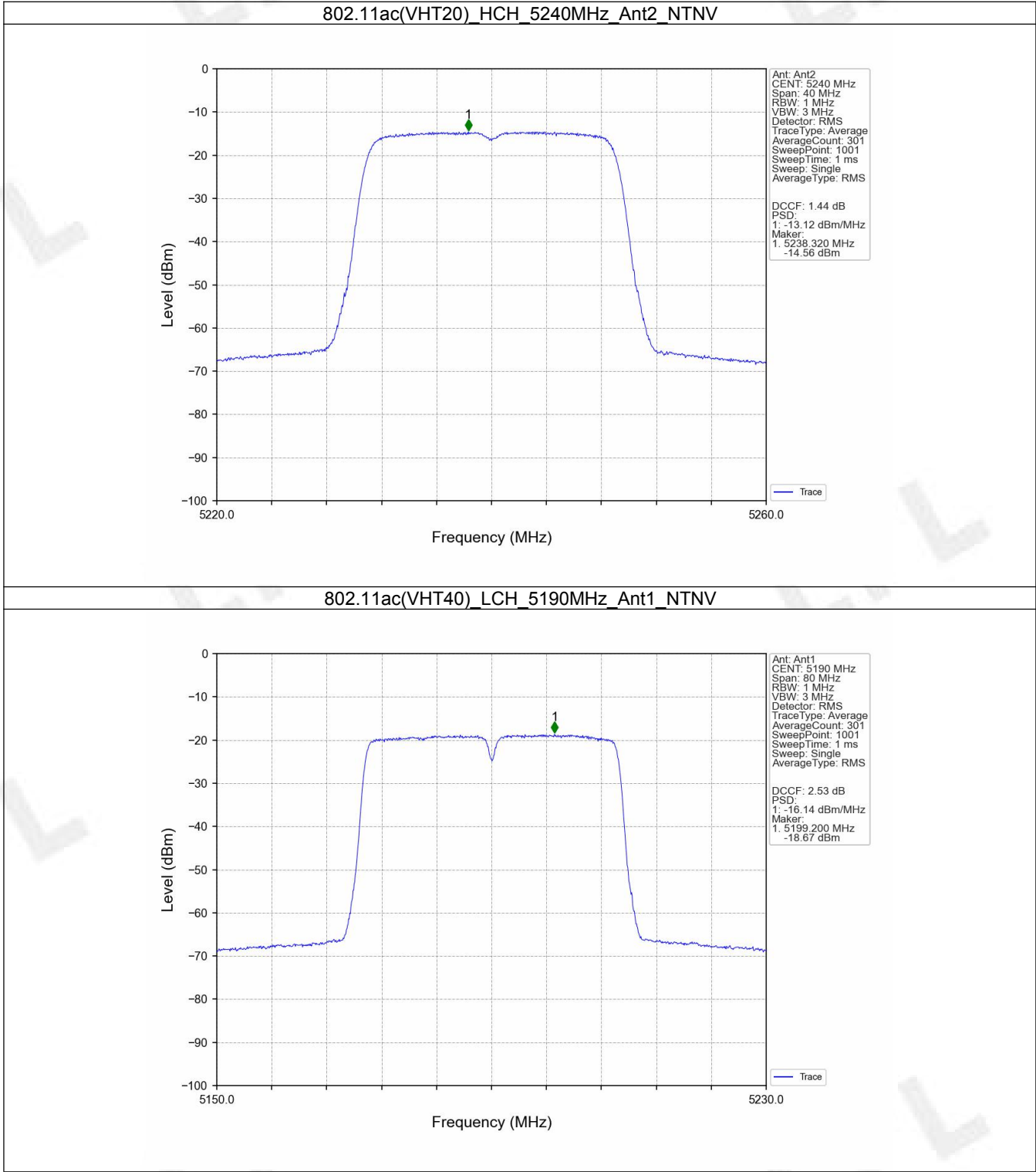
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



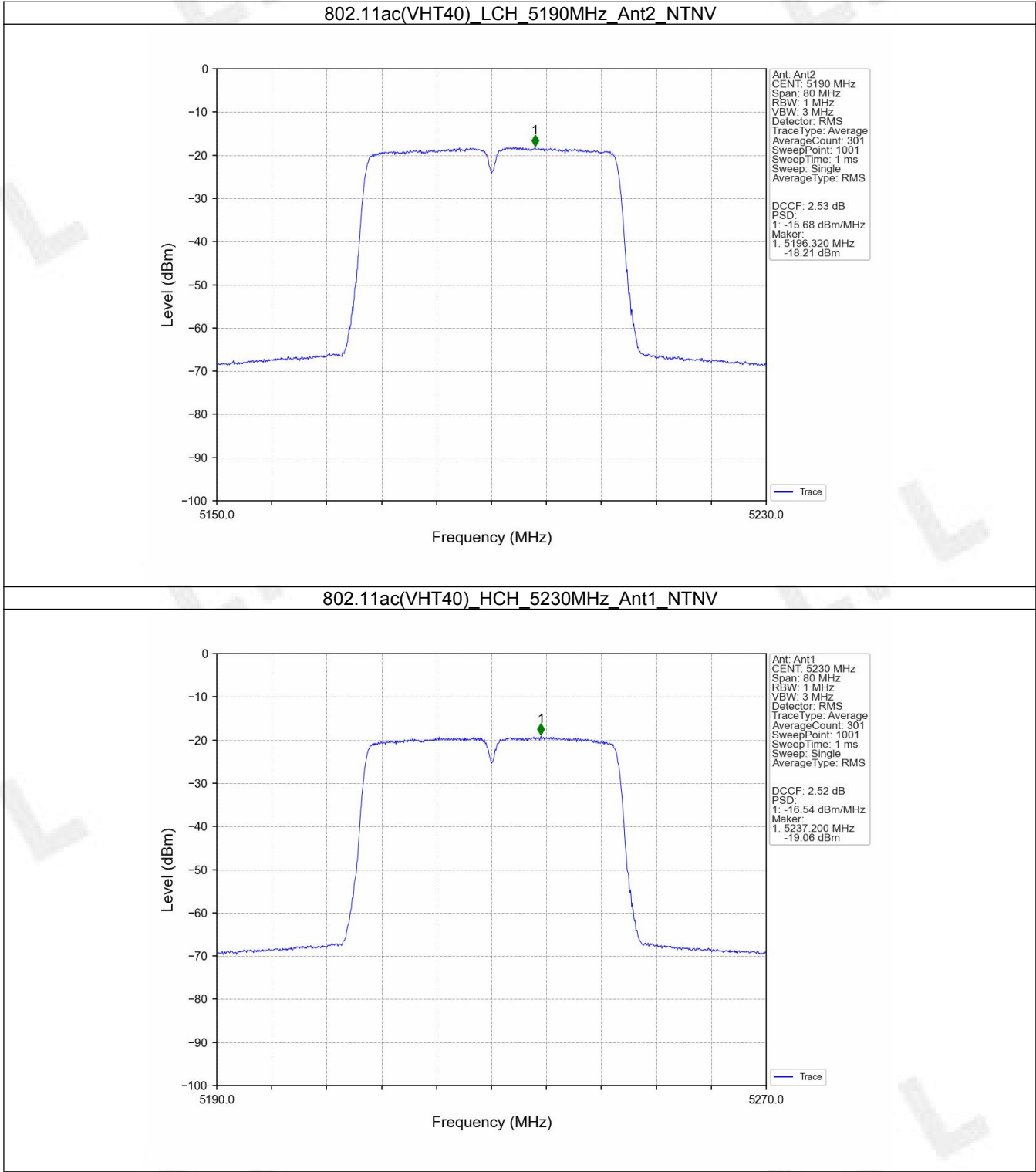
FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

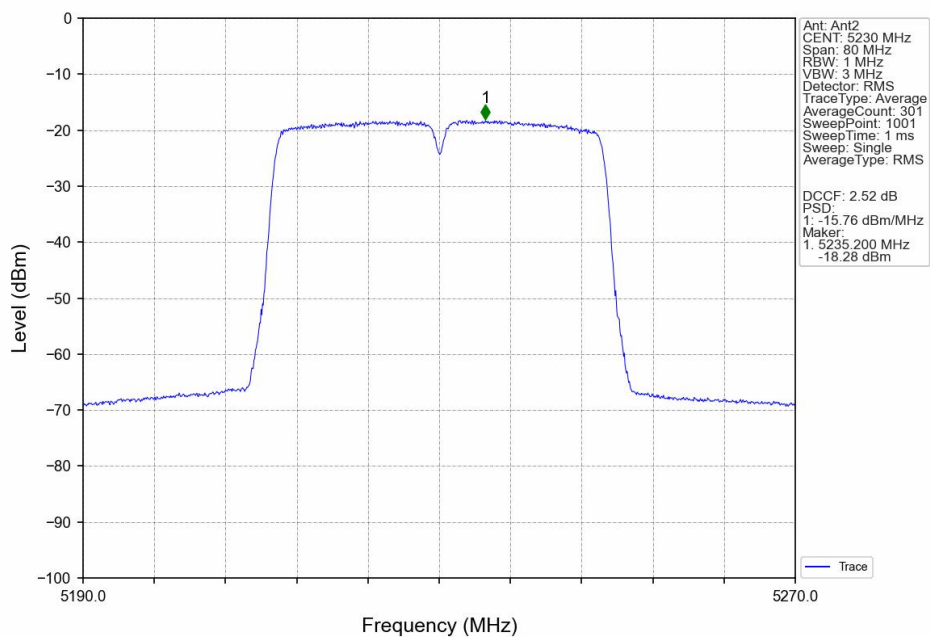


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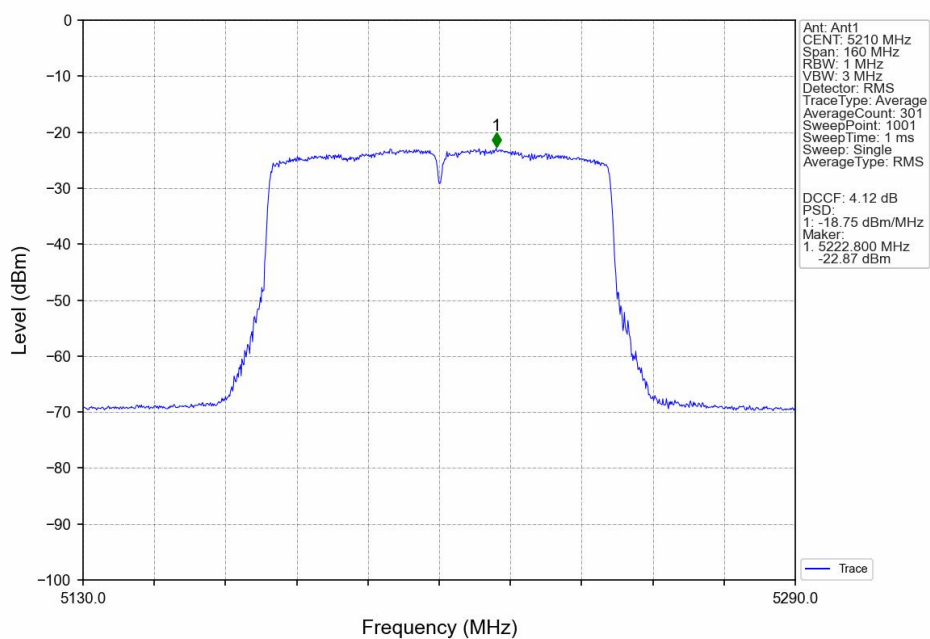


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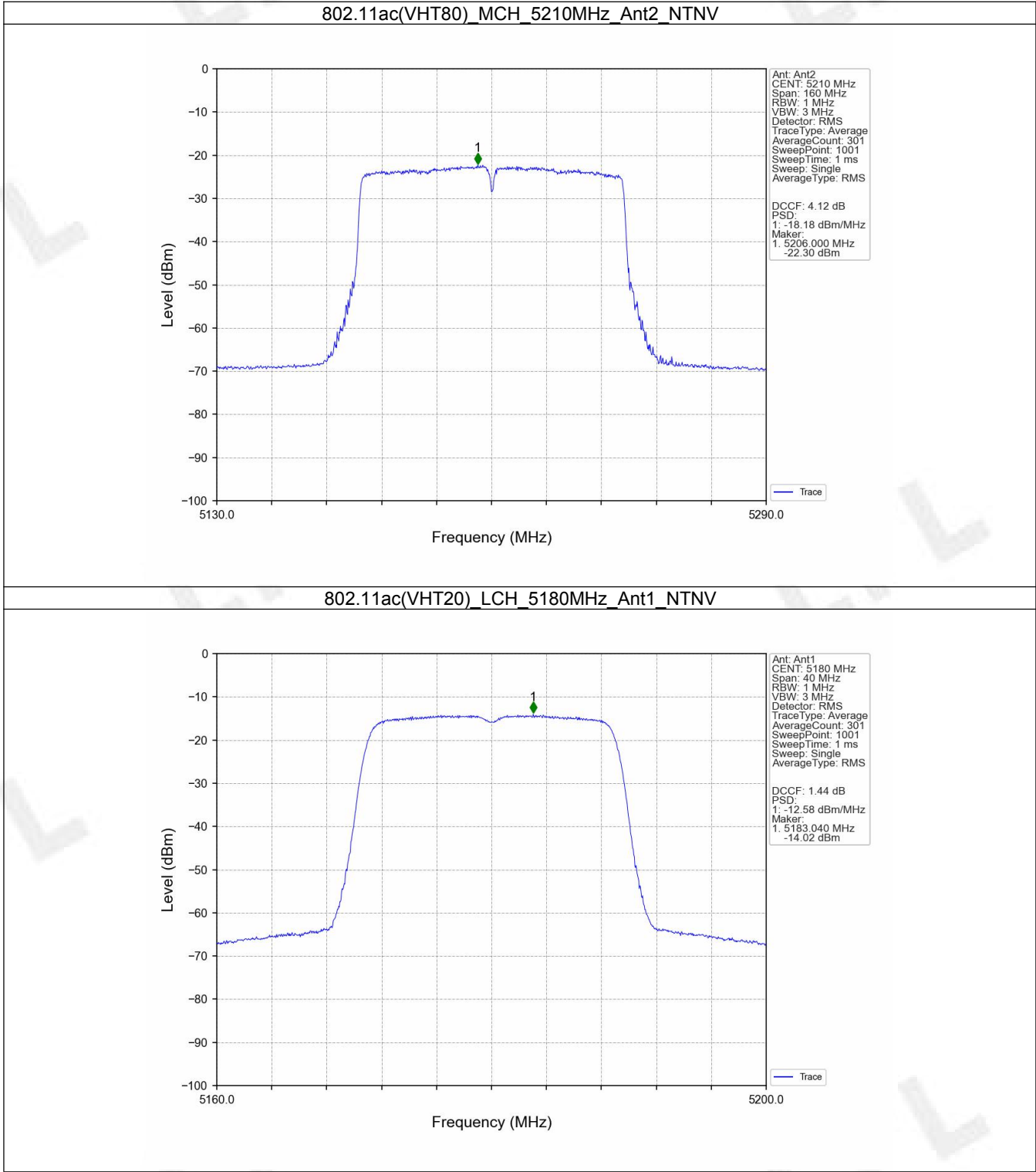
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

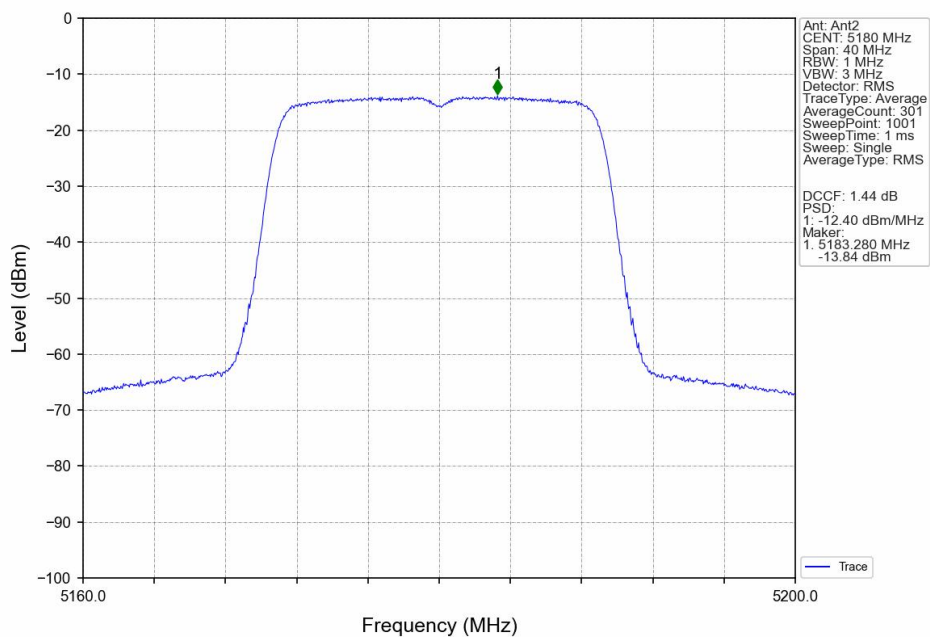


FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



802.11ac(VHT20) LCH_5180MHz_MIMO_NTNV

