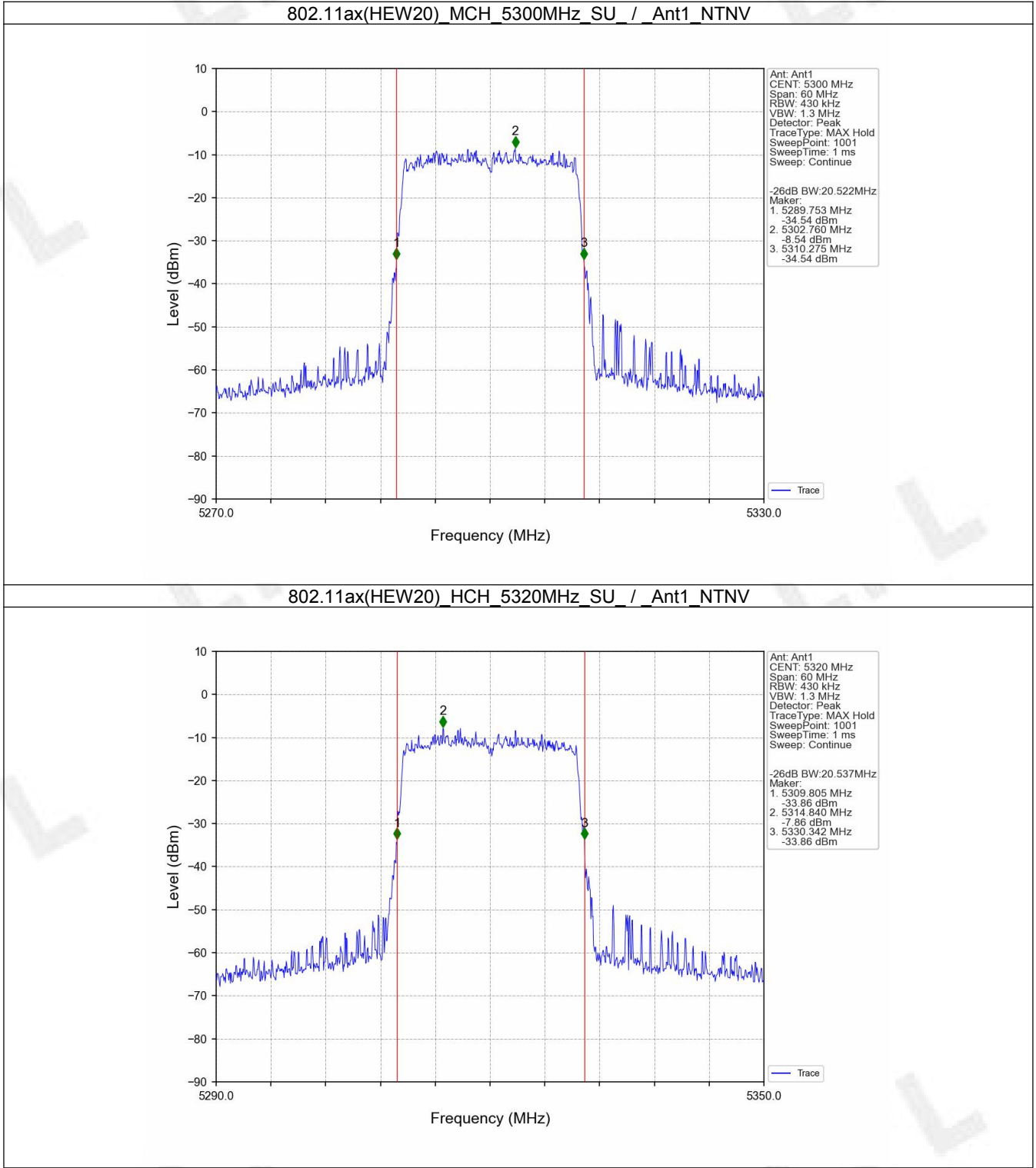
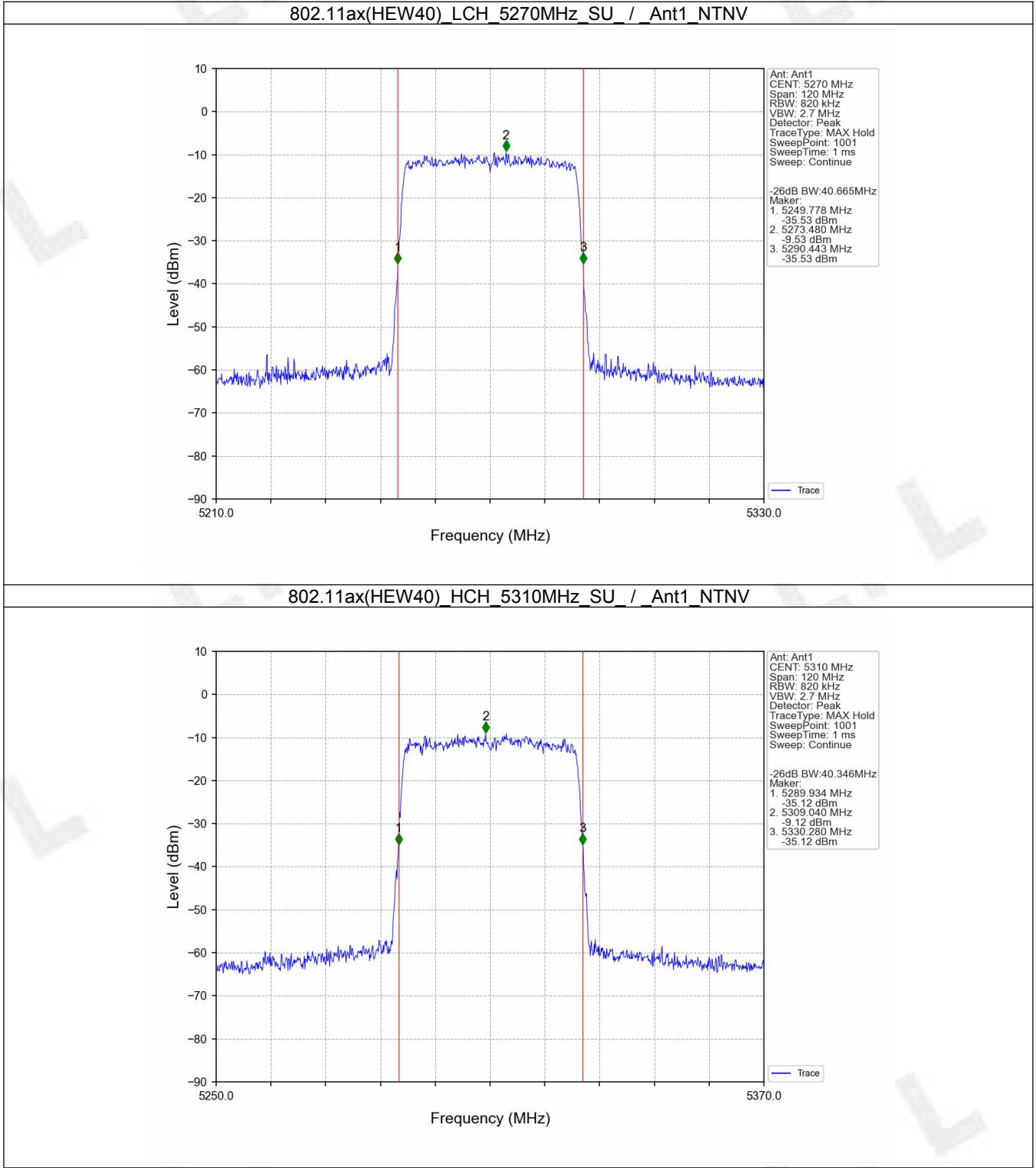


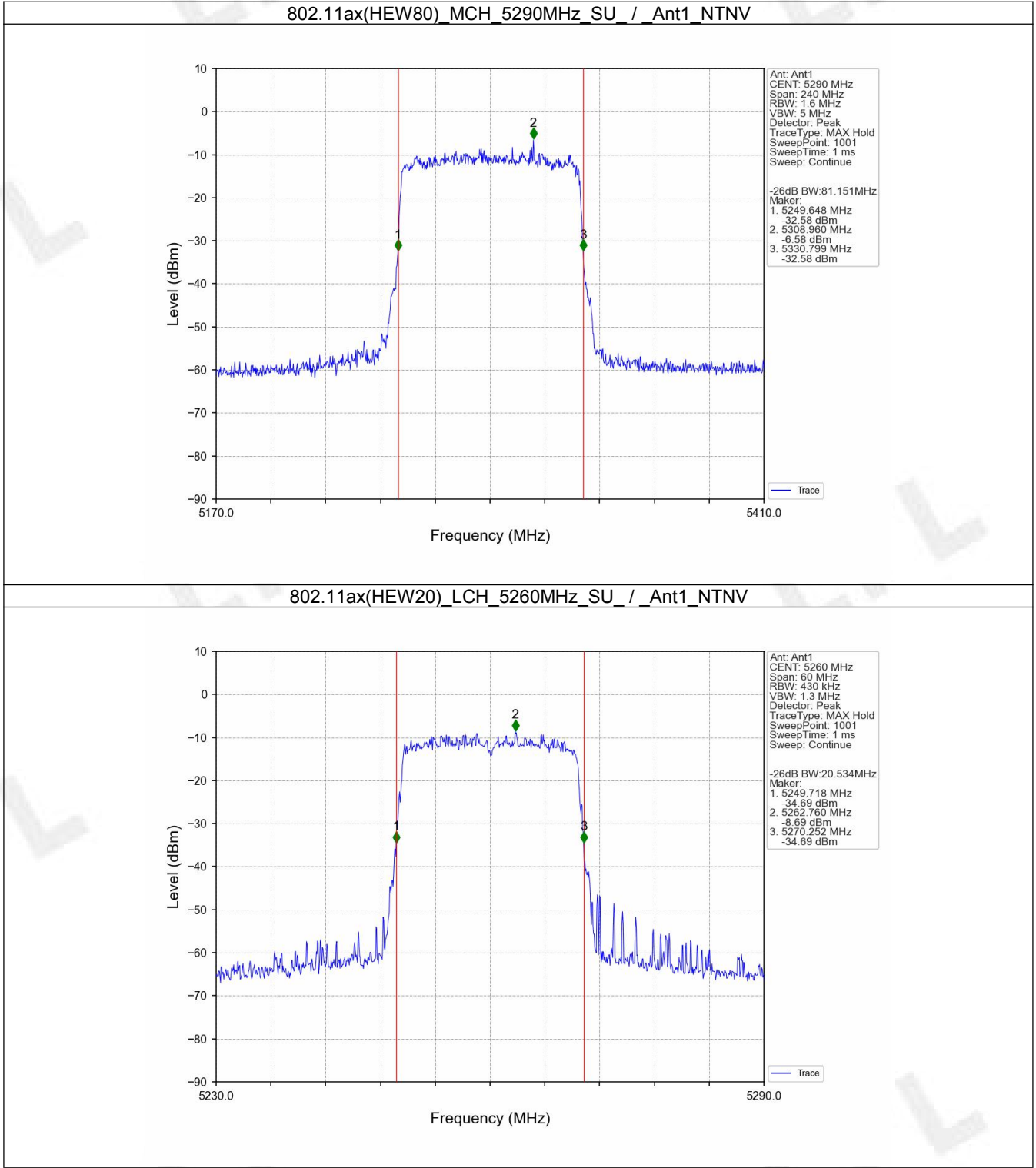
FCC ID: 2BUT3-SILICONE



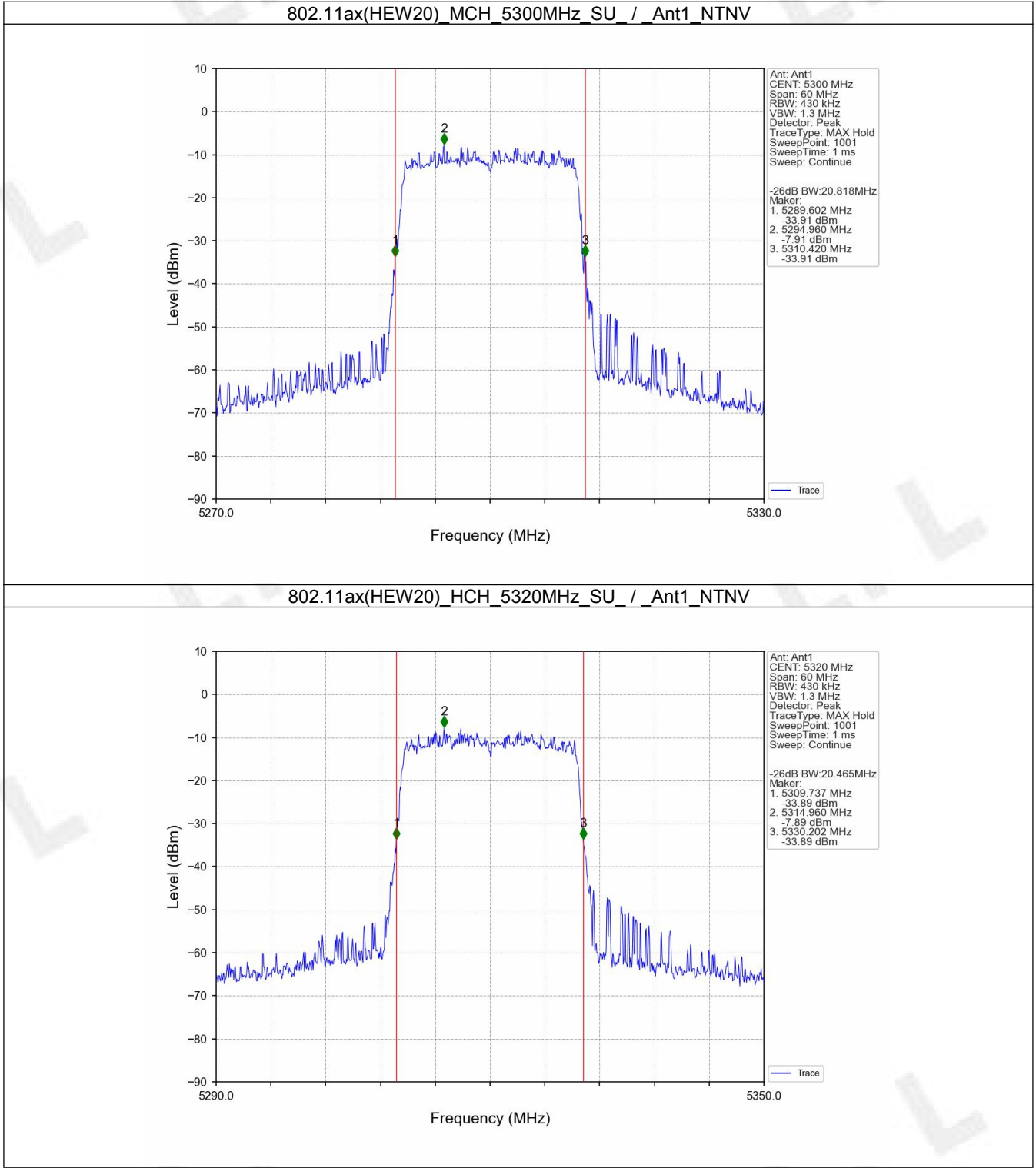
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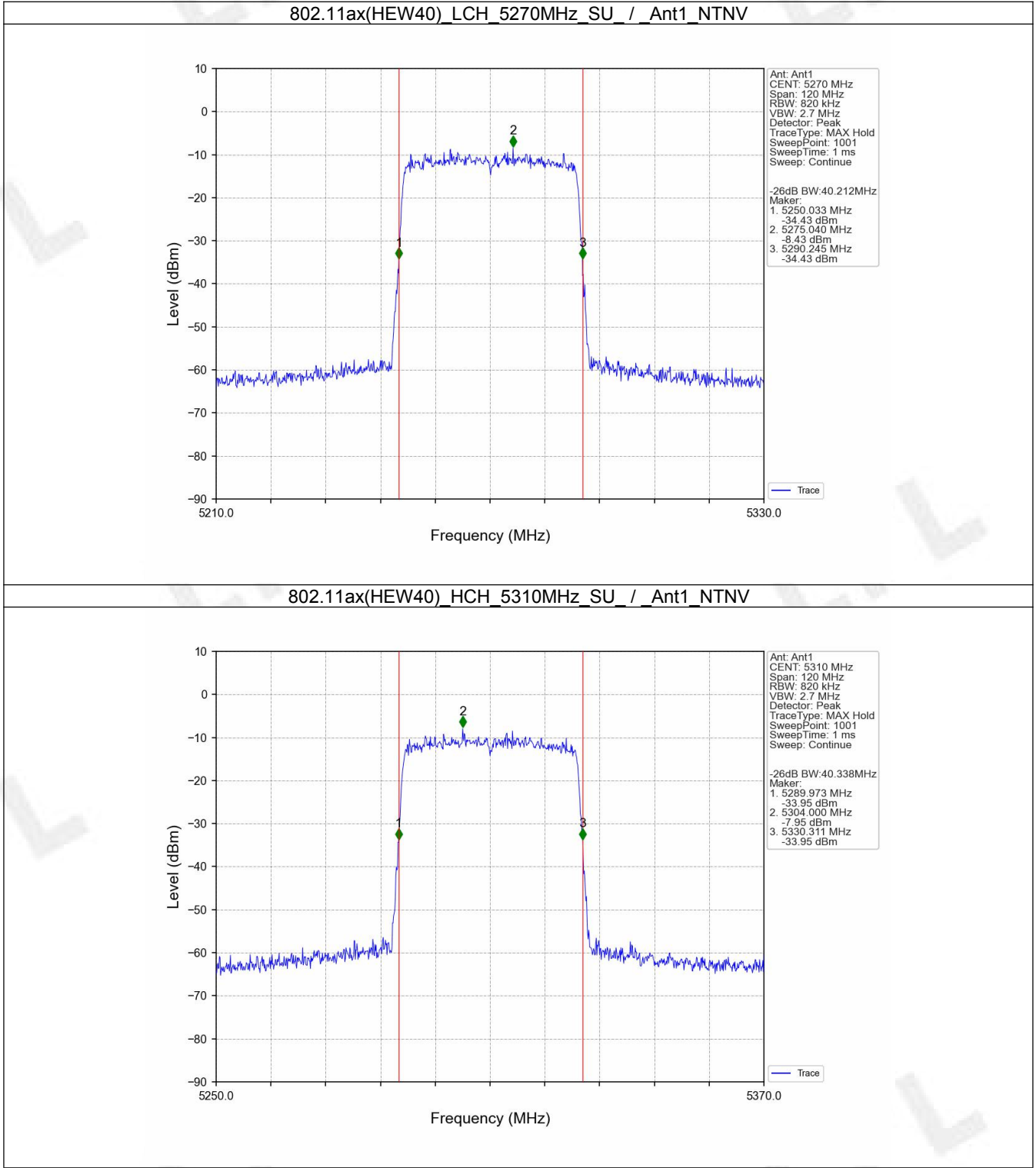
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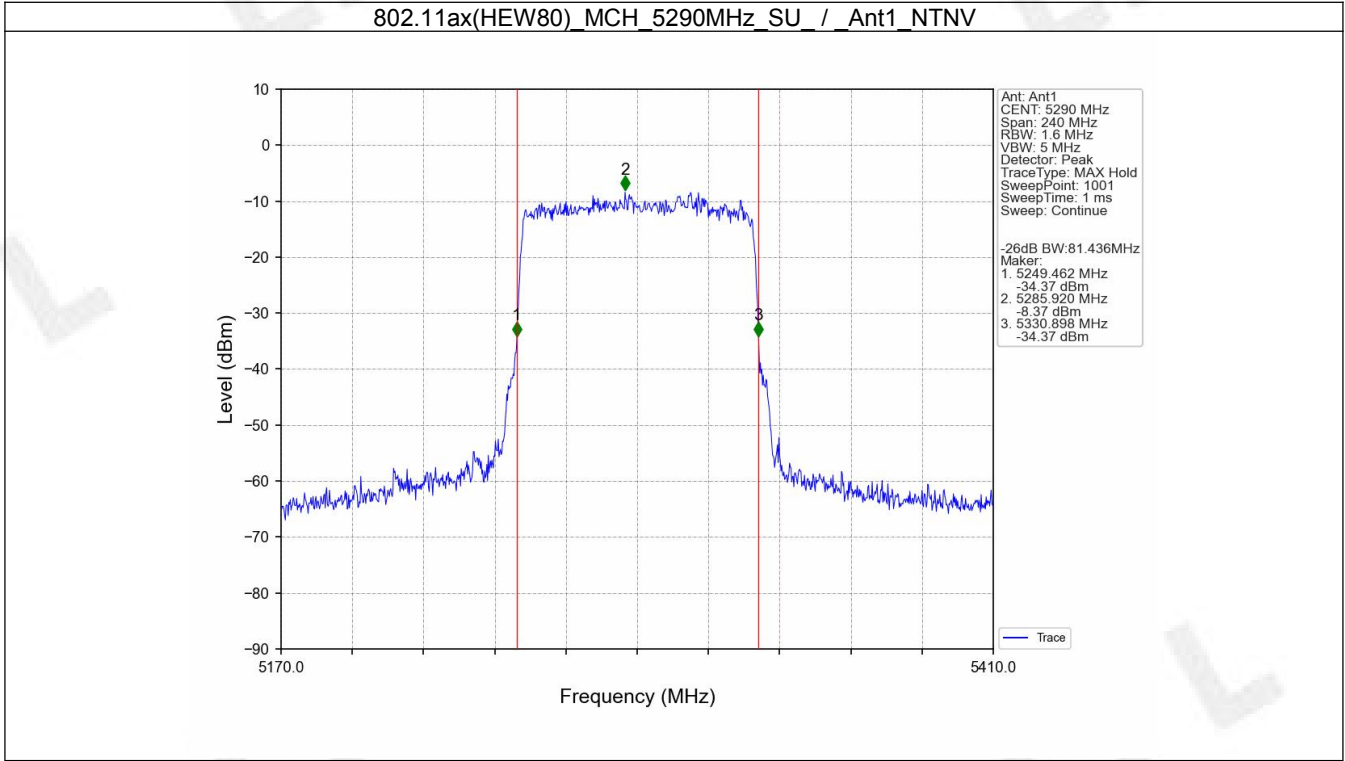
FCC ID: 2BUT3-SILICONE



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	5260	/	/	-2.77	-1.03	/	<=23.77	Pass
		5300	/	/	-1.70	-0.88	/	<=23.77	Pass
		5320	/	/	-2.15	-0.67	/	<=23.75	Pass
802.11n (HT20)	SISO	5260	/	/	-2.84	-1.17	/	<=23.98	Pass
		5300	/	/	-1.92	-0.79	/	<=23.98	Pass
		5320	/	/	-2.14	-0.61	/	<=23.97	Pass
802.11n (HT40)	SISO	5270	/	/	-2.69	-1.56	/	<=23.98	Pass
		5310	/	/	-2.34	-1.19	/	<=23.98	Pass
802.11n (HT20)	MIMO	5260	/	/	-2.60	-1.24	1.14	<=23.97	Pass
		5300	/	/	-2.03	-0.83	1.62	<=23.97	Pass
		5320	/	/	-2.09	-0.78	1.62	<=23.96	Pass
802.11n (HT40)	MIMO	5270	/	/	-2.63	-1.38	1.05	<=23.98	Pass
		5310	/	/	-2.01	-0.75	1.68	<=23.98	Pass
802.11ac (VHT20)	SISO	5260	/	/	-2.73	-1.18	/	<=23.98	Pass
		5300	/	/	-1.95	-0.67	/	<=23.98	Pass
		5320	/	/	-1.98	-0.65	/	<=23.97	Pass
802.11ac (VHT40)	SISO	5270	/	/	-2.83	-1.27	/	<=23.98	Pass
		5310	/	/	-2.19	-0.85	/	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	/	/	-2.11	-1.39	/	<=23.98	Pass
802.11ac (VHT20)	MIMO	5260	/	/	-2.55	-1.23	1.17	<=23.97	Pass
		5300	/	/	-1.78	-0.62	1.85	<=23.96	Pass
		5320	/	/	-1.98	-0.72	1.71	<=23.98	Pass
802.11ac (VHT40)	MIMO	5270	/	/	-2.45	-1.30	1.17	<=23.98	Pass
		5310	/	/	-2.06	-0.88	1.58	<=23.98	Pass
802.11ac (VHT80)	MIMO	5290	/	/	-2.14	-1.46	1.22	<=23.98	Pass
802.11ax (HEW20)	SISO	5260	SU	/	-2.40	-1.19	/	<=23.98	Pass
		5300	SU	/	-2.30	-0.68	/	<=23.98	Pass
		5320	SU	/	-2.37	-1.80	/	<=23.98	Pass
802.11ax (HEW40)	SISO	5270	SU	/	-2.58	-1.58	/	<=23.98	Pass
		5310	SU	/	-2.65	-1.84	/	<=23.98	Pass
802.11ax (HEW80)	SISO	5290	SU	/	-2.33	-1.36	/	<=23.98	Pass
802.11ax (HEW20)	MIMO	5260	SU	/	-2.35	-1.54	1.08	<=23.98	Pass
		5300	SU	/	-2.20	-1.16	1.36	<=23.98	Pass
		5320	SU	/	-2.22	-2.04	0.88	<=23.98	Pass
802.11ax (HEW40)	MIMO	5270	SU	/	-2.86	-1.77	0.73	<=23.98	Pass
		5310	SU	/	-2.32	-1.49	1.13	<=23.98	Pass
802.11ax (HEW80)	MIMO	5290	SU	/	-2.08	-1.39	1.29	<=23.98	Pass

Note1: Antenna Gain: Ant1: 2.33dBi; Ant2: 2.81dBi;
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**

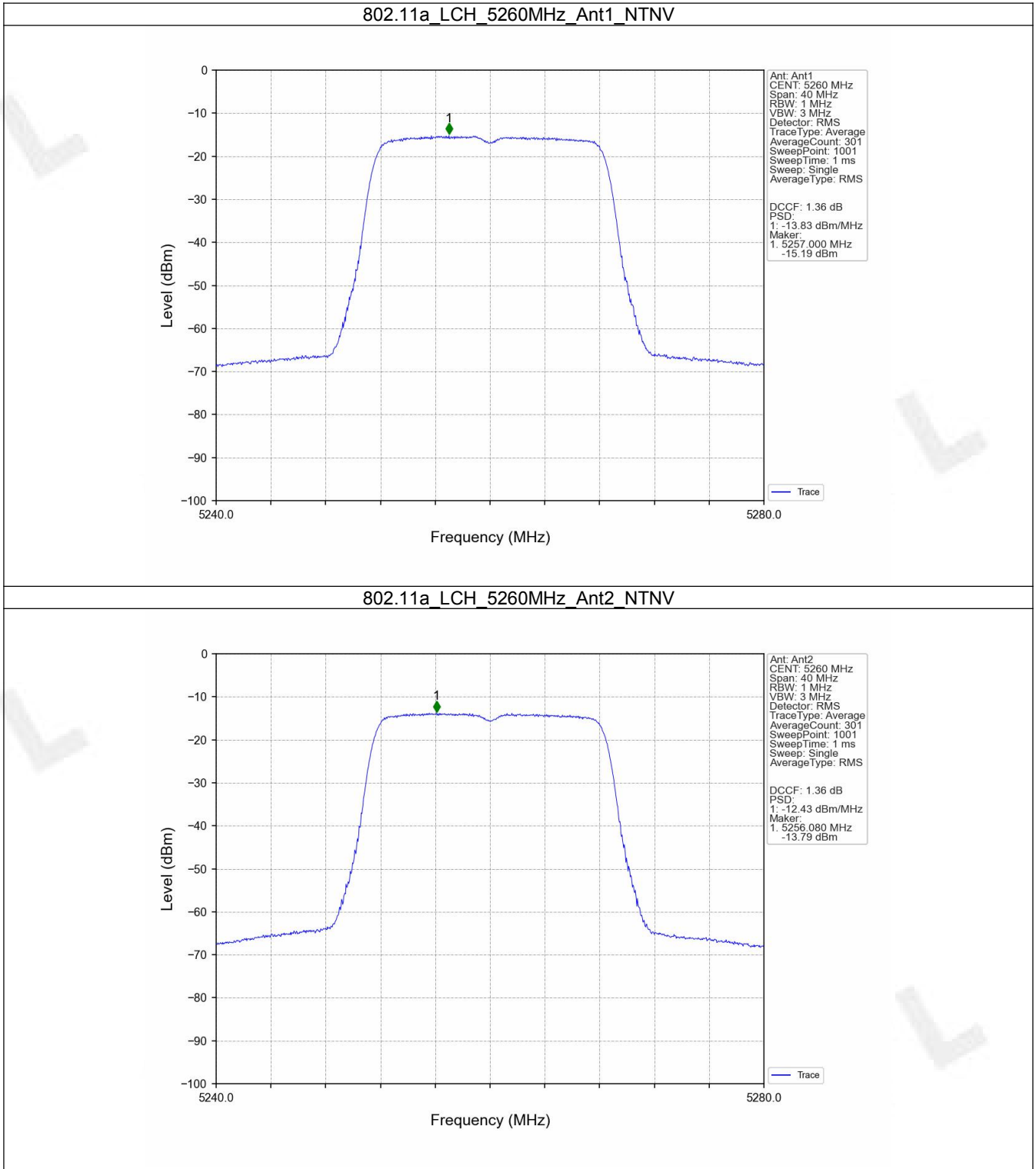
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5260	/	/	-13.83	-12.43	/	<=11	Pass
		5300	/	/	-12.61	-12.00	/	<=11	Pass
		5320	/	/	-13.01	-11.68	/	<=11	Pass
802.11n (HT20)	SISO	5260	/	/	-14.18	-12.60	/	<=11	Pass
		5300	/	/	-13.12	-12.19	/	<=11	Pass
		5320	/	/	-13.42	-12.04	/	<=11	Pass
802.11n (HT40)	SISO	5270	/	/	-17.06	-16.03	/	<=11	Pass
		5310	/	/	-16.46	-15.23	/	<=11	Pass
802.11n (HT20)	MIMO	5260	/	/	-14.08	-12.65	-10.41	<=11	Pass
		5300	/	/	-13.14	-12.13	-9.72	<=11	Pass
		5320	/	/	-13.28	-11.84	-9.57	<=11	Pass
802.11n (HT40)	MIMO	5270	/	/	-17.08	-15.69	-13.43	<=11	Pass
		5310	/	/	-16.29	-15.27	-12.81	<=11	Pass
802.11ac (VHT20)	SISO	5260	/	/	-14.02	-12.54	/	<=11	Pass
		5300	/	/	-13.30	-11.95	/	<=11	Pass
		5320	/	/	-13.34	-12.07	/	<=11	Pass
802.11ac (VHT40)	SISO	5270	/	/	-17.07	-15.43	/	<=11	Pass
		5310	/	/	-16.48	-15.29	/	<=11	Pass
802.11ac (VHT80)	SISO	5290	/	/	-19.81	-19.00	/	<=11	Pass
802.11ac (VHT20)	MIMO	5260	/	/	-13.77	-12.58	-10.37	<=11	Pass
		5300	/	/	-13.14	-11.80	-9.63	<=11	Pass
		5320	/	/	-13.43	-11.91	-9.63	<=11	Pass
802.11ac (VHT40)	MIMO	5270	/	/	-16.80	-15.62	-13.41	<=11	Pass
		5310	/	/	-16.26	-15.16	-12.79	<=11	Pass
802.11ac (VHT80)	MIMO	5290	/	/	-19.13	-18.52	-15.98	<=11	Pass
802.11ax (HEW20)	SISO	5260	SU	/	-13.99	-12.65	/	<=11	Pass
		5300	SU	/	-13.80	-12.42	/	<=11	Pass
		5320	SU	/	-13.47	-13.43	/	<=11	Pass
802.11ax (HEW40)	SISO	5270	SU	/	-17.29	-16.06	/	<=11	Pass
		5310	SU	/	-16.47	-15.90	/	<=11	Pass
802.11ax (HEW80)	SISO	5290	SU	/	-25.67	-18.75	/	<=11	Pass
802.11ax (HEW20)	MIMO	5260	SU	/	-13.50	-12.64	-10.32	<=11	Pass
		5300	SU	/	-13.76	-12.68	-10.31	<=11	Pass
		5320	SU	/	-13.78	-13.28	-10.70	<=11	Pass
802.11ax (HEW40)	MIMO	5270	SU	/	-17.37	-15.98	-13.84	<=11	Pass
		5310	SU	/	-16.74	-16.18	-13.63	<=11	Pass
802.11ax (HEW80)	MIMO	5290	SU	/	-19.45	-18.52	-16.39	<=11	Pass

Note1: Antenna Gain: Ant1: 2.33dBi; Ant2: 2.81dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

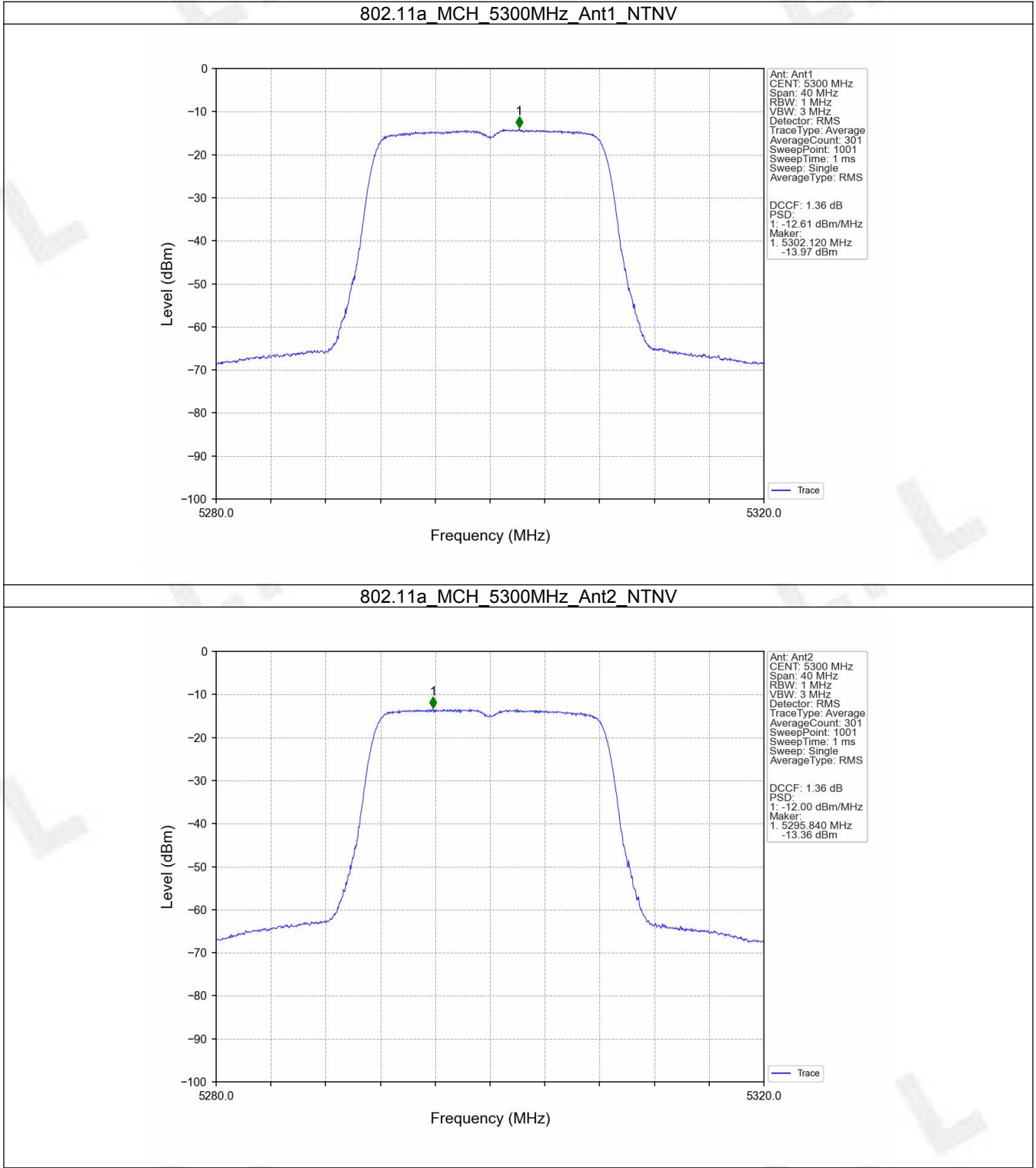
FCC ID: 2BUT3-SILICONE

4.2 Test Graph

4.2.1 PSD

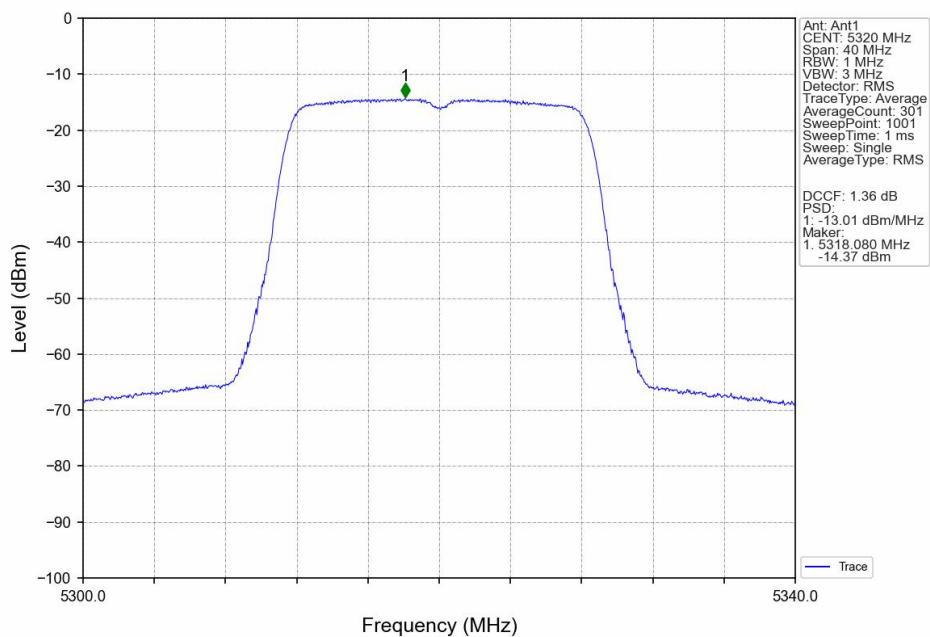


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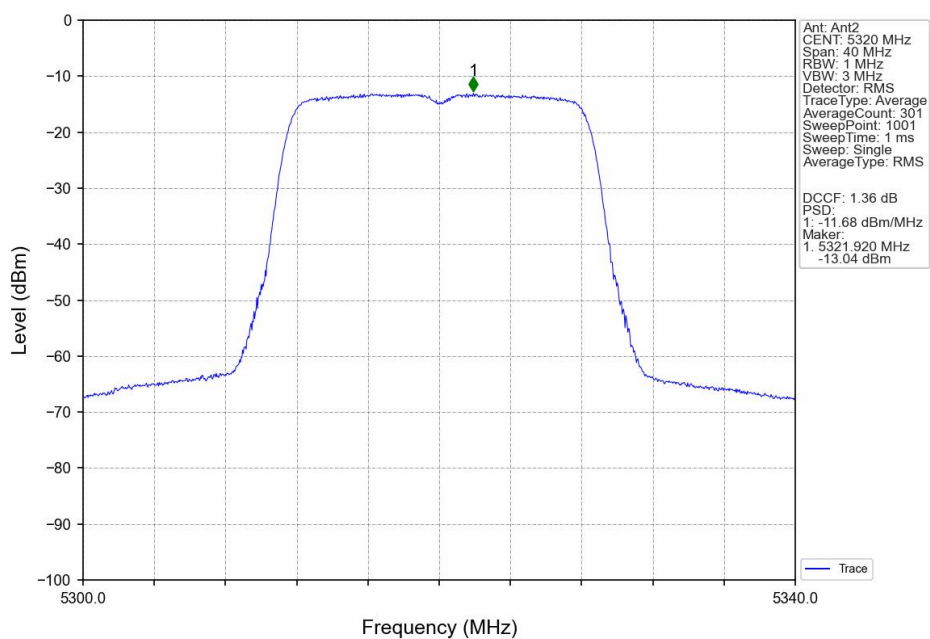


FCC ID: 2BUT3-SILICONE

802.11a_HCH_5320MHz_Ant1_NTNV

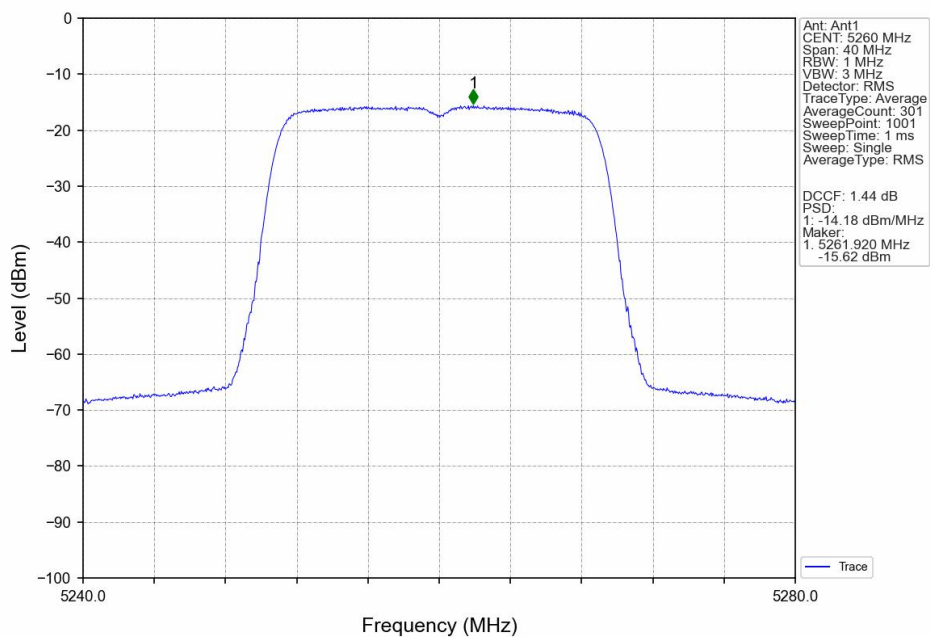


802.11a_HCH_5320MHz_Ant2_NTNV

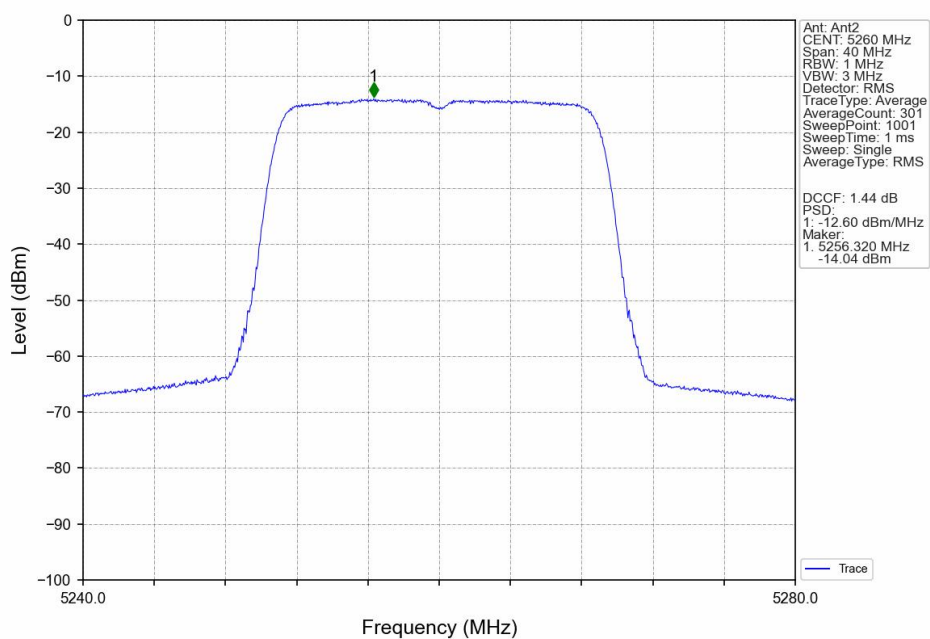


FCC ID: 2BUT3-SILICONE

802.11n(HT20) LCH_5260MHz_Ant1_NTNV

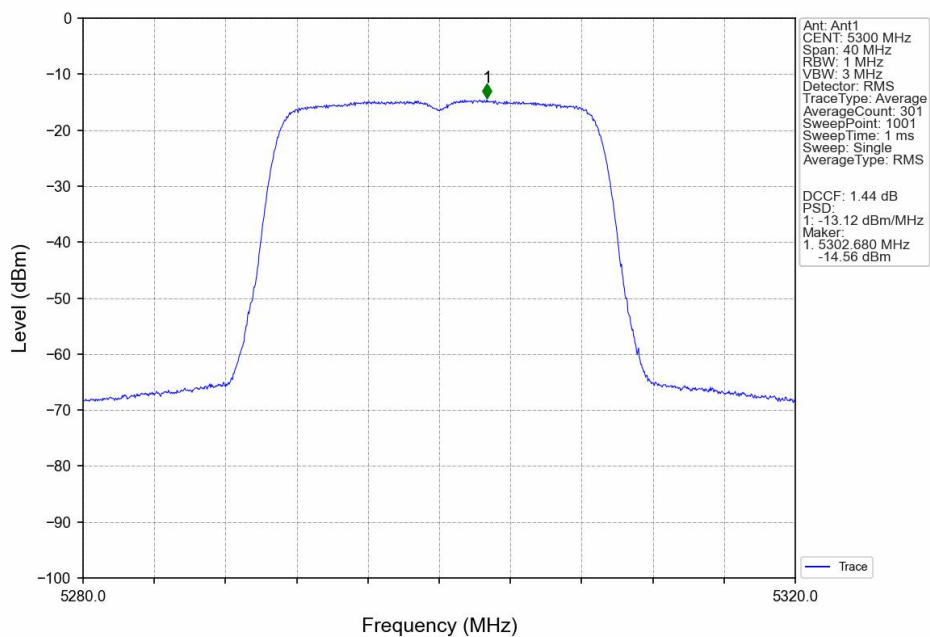


802.11n(HT20) LCH_5260MHz_Ant2_NTNV

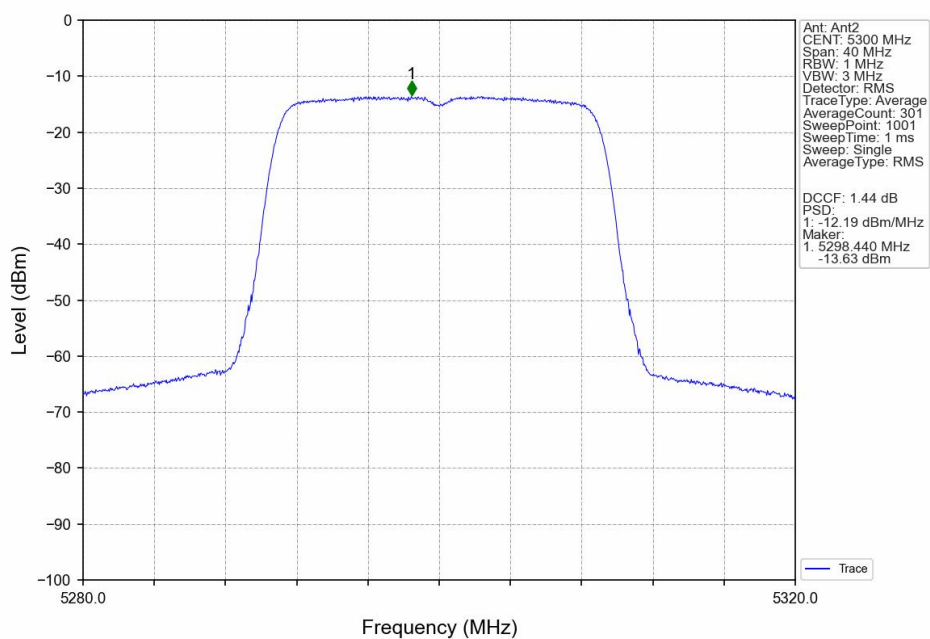


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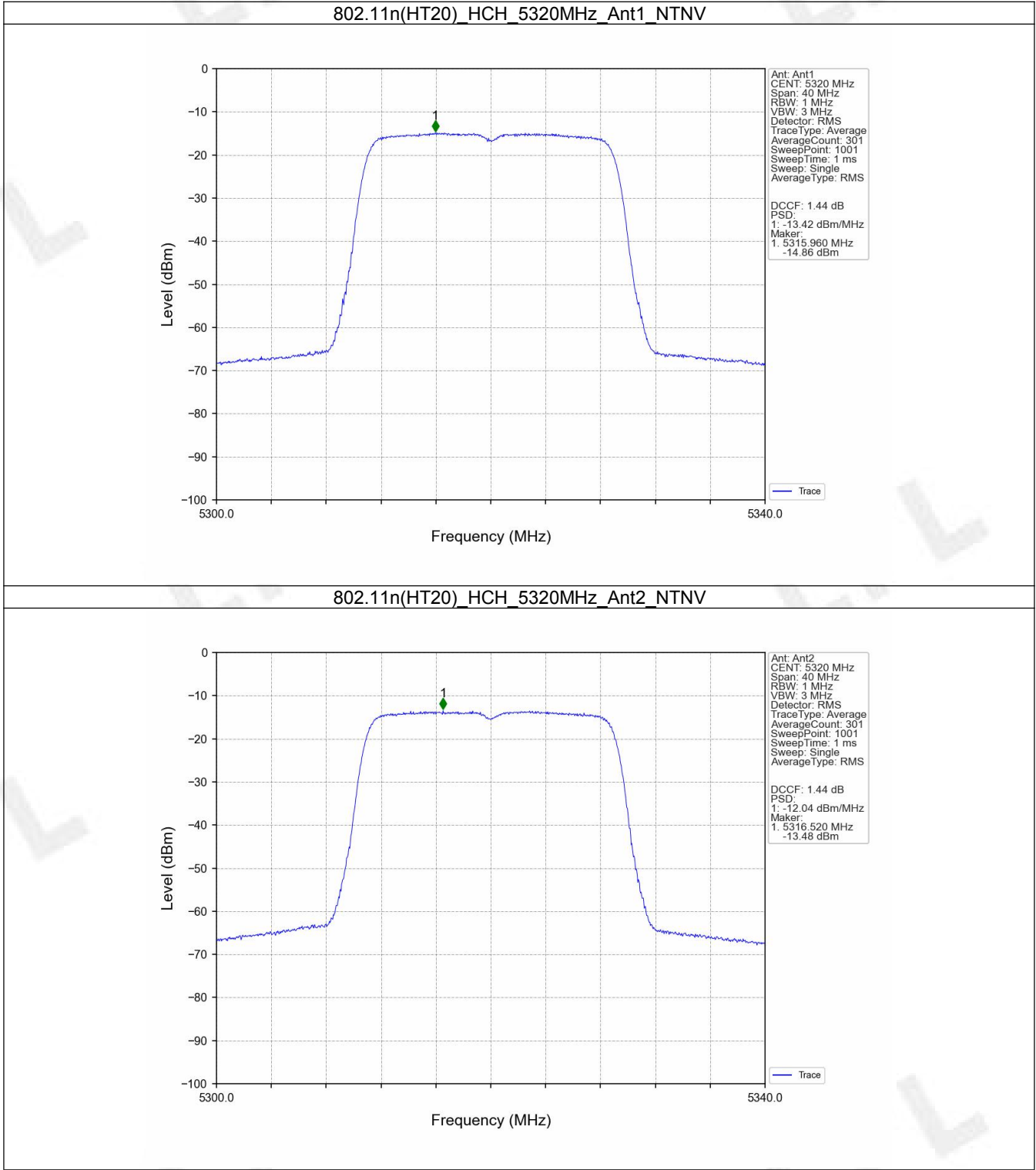
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant2_NTNV

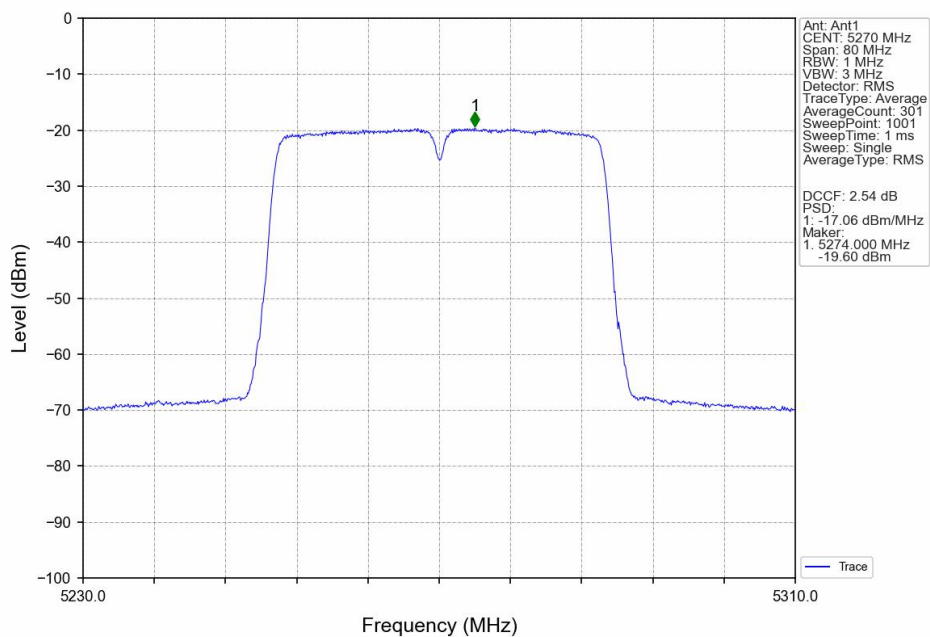


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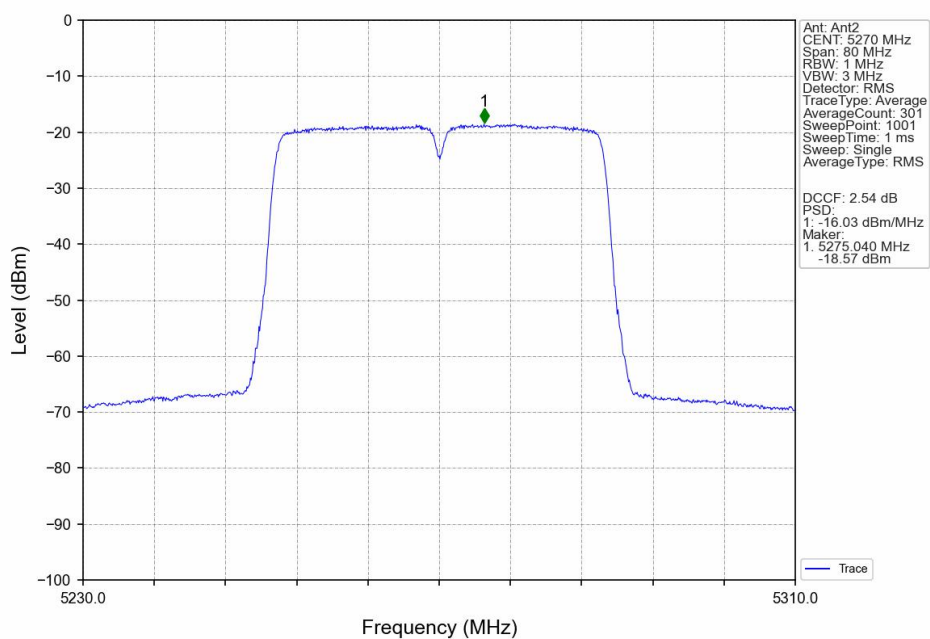


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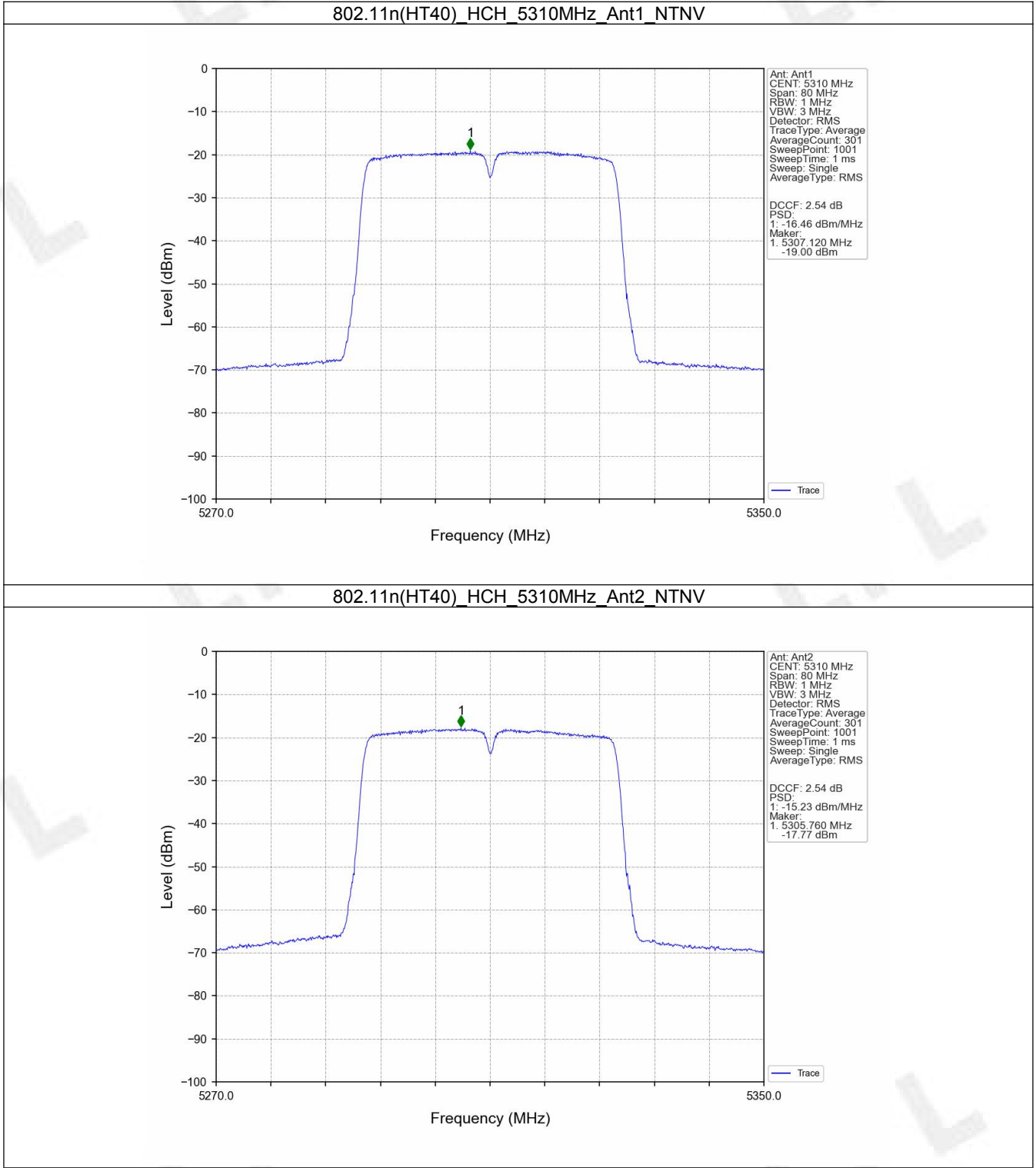
802.11n(HT40) LCH_5270MHz_Ant1_NTNV



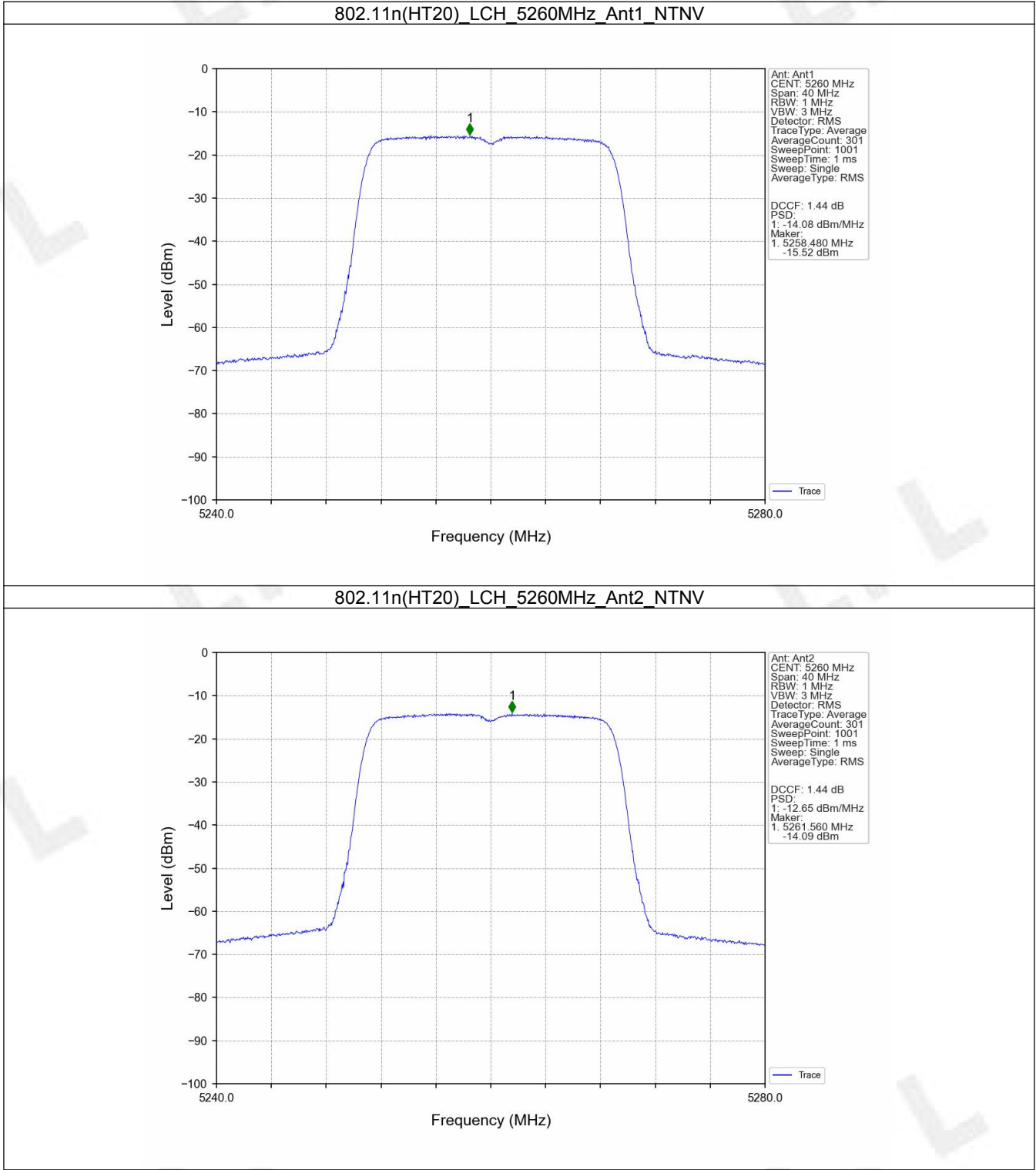
802.11n(HT40) LCH_5270MHz_Ant2_NTNV



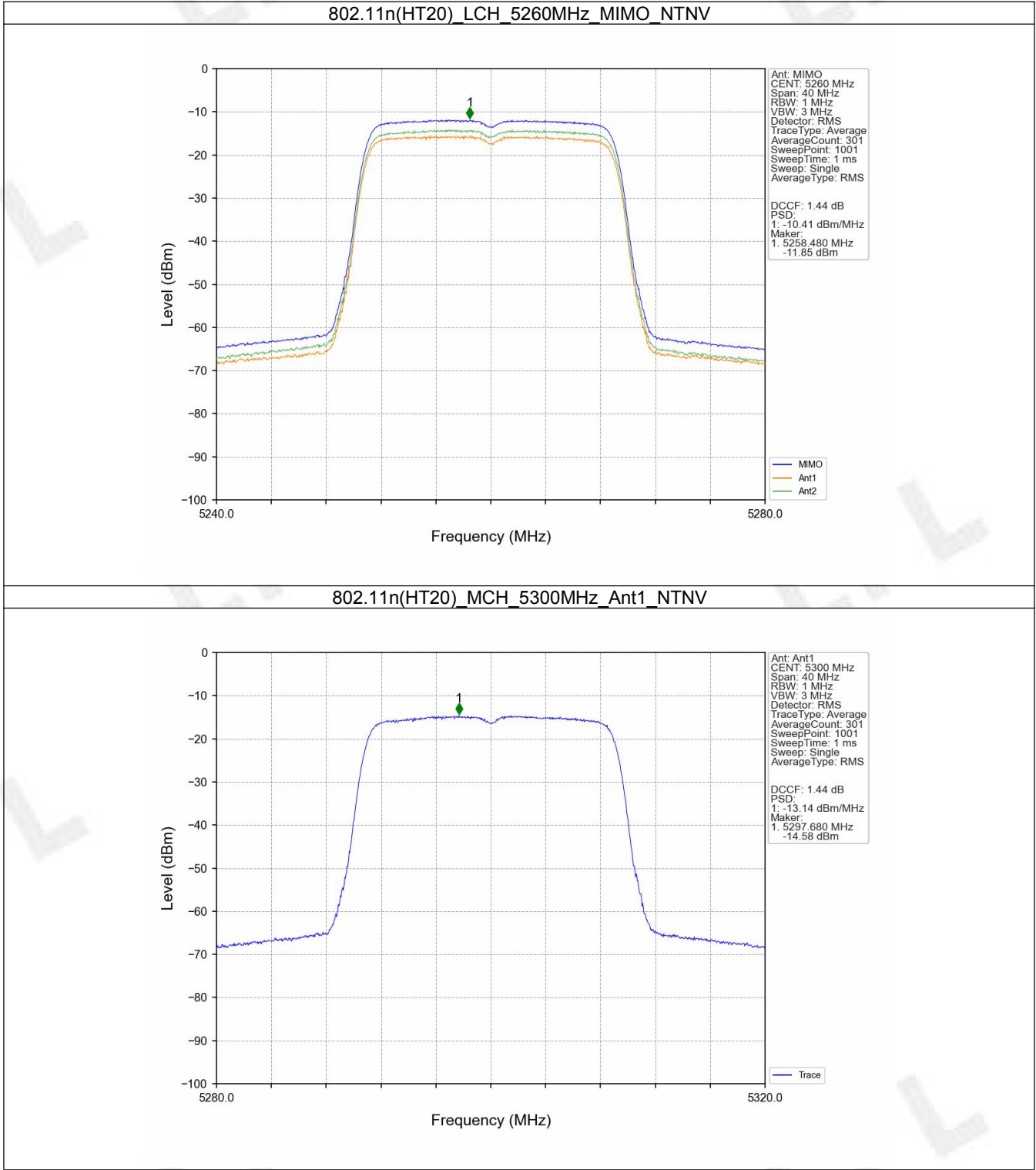
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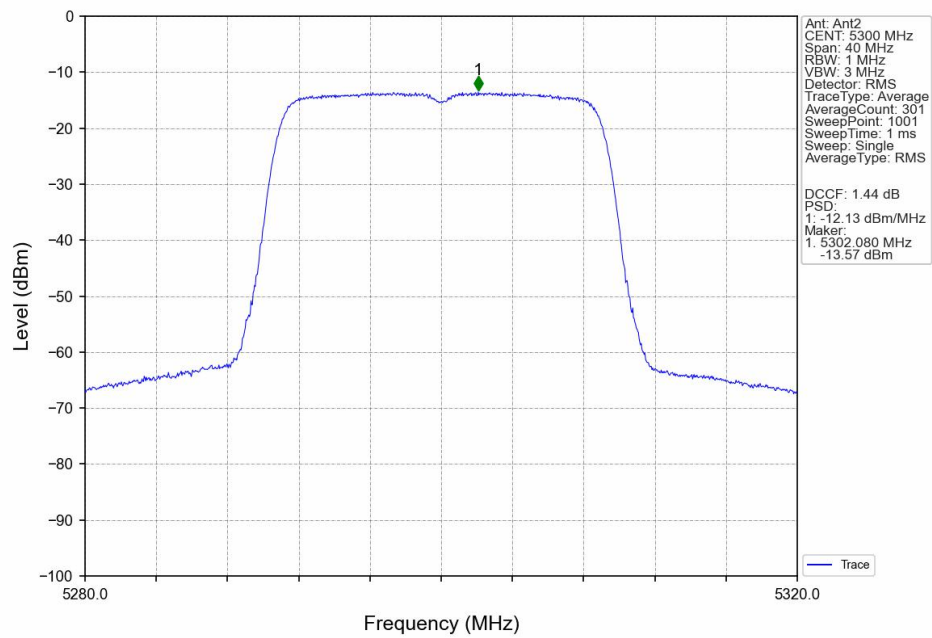


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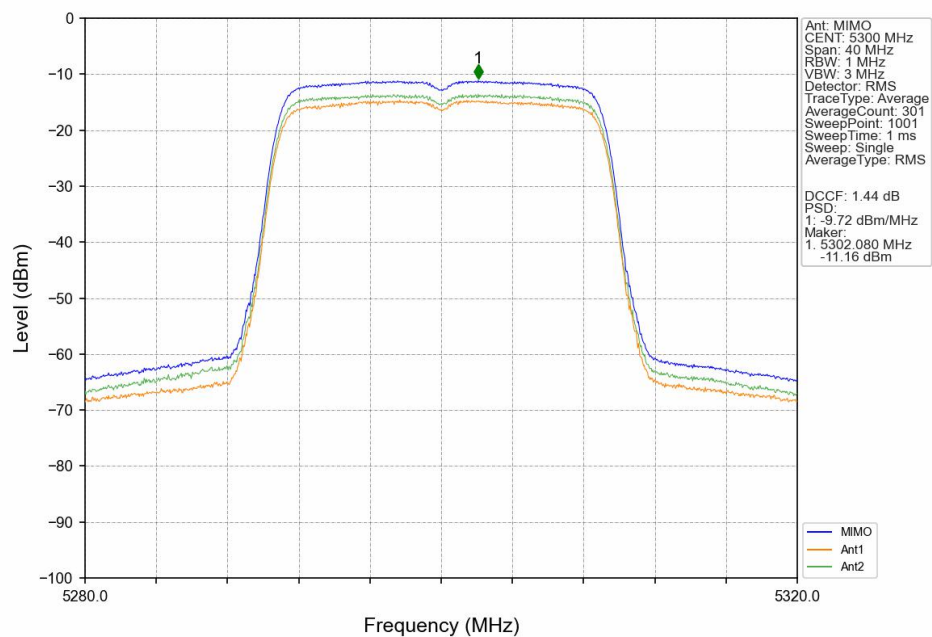


FCC ID: 2BUT3-SILICONE

802.11n(HT20)_MCH_5300MHz_Ant2_NTNV

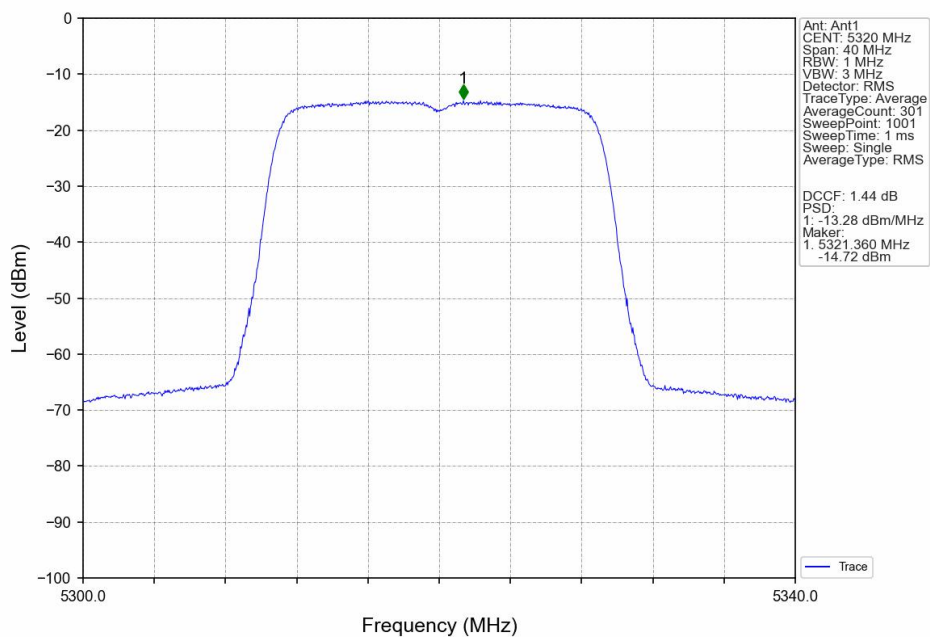


802.11n(HT20)_MCH_5300MHz_MIMO_NTNV

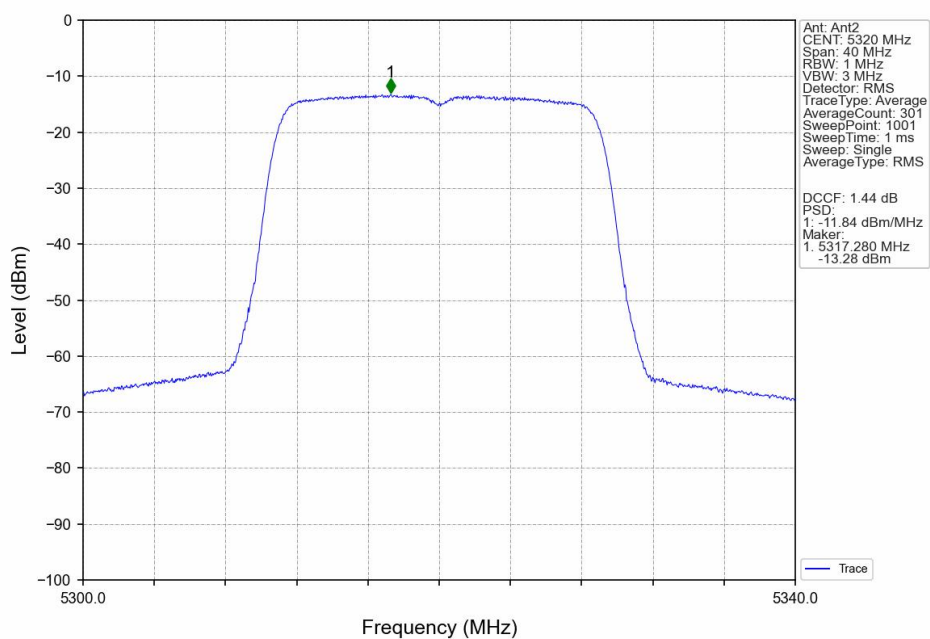


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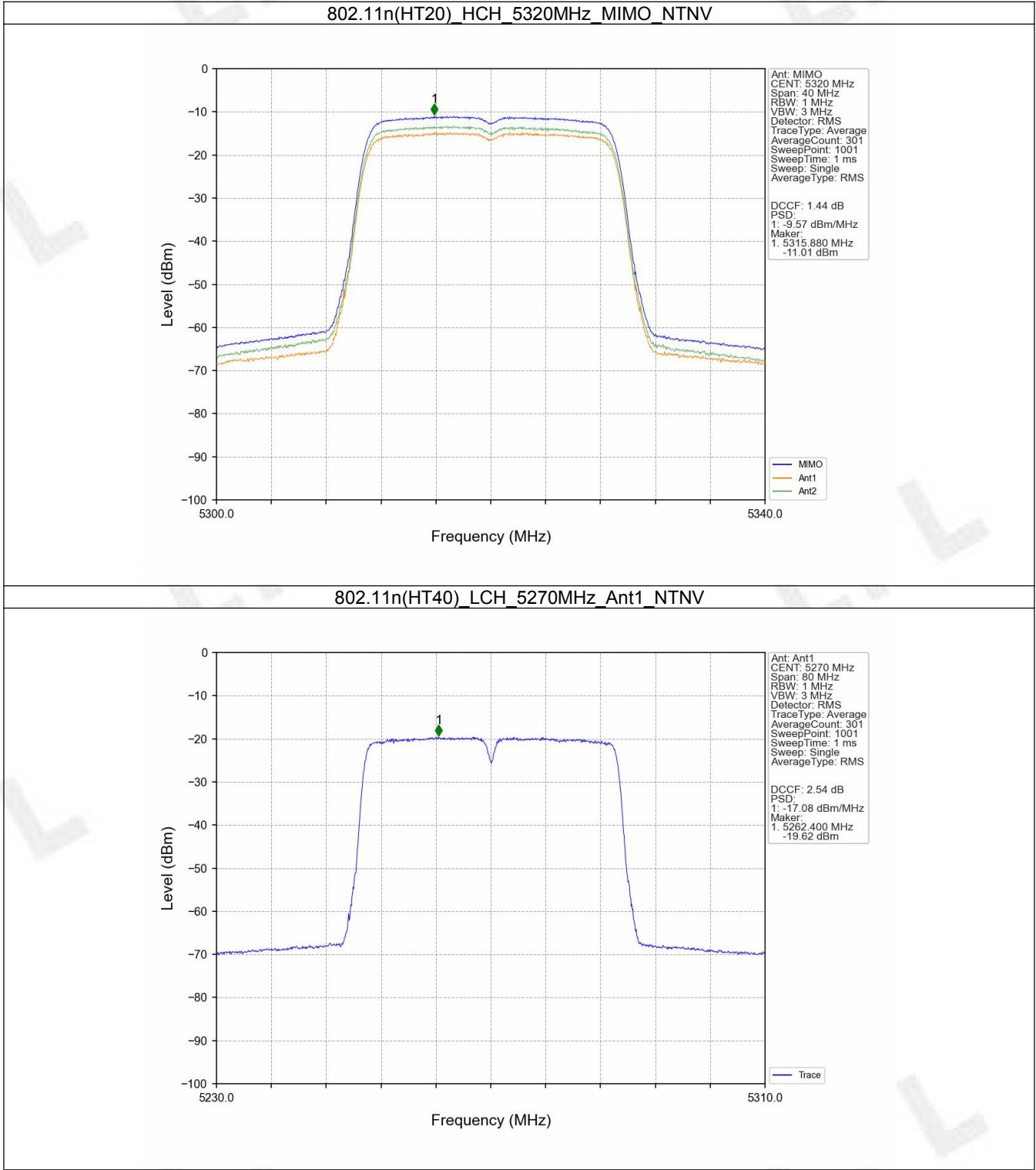
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



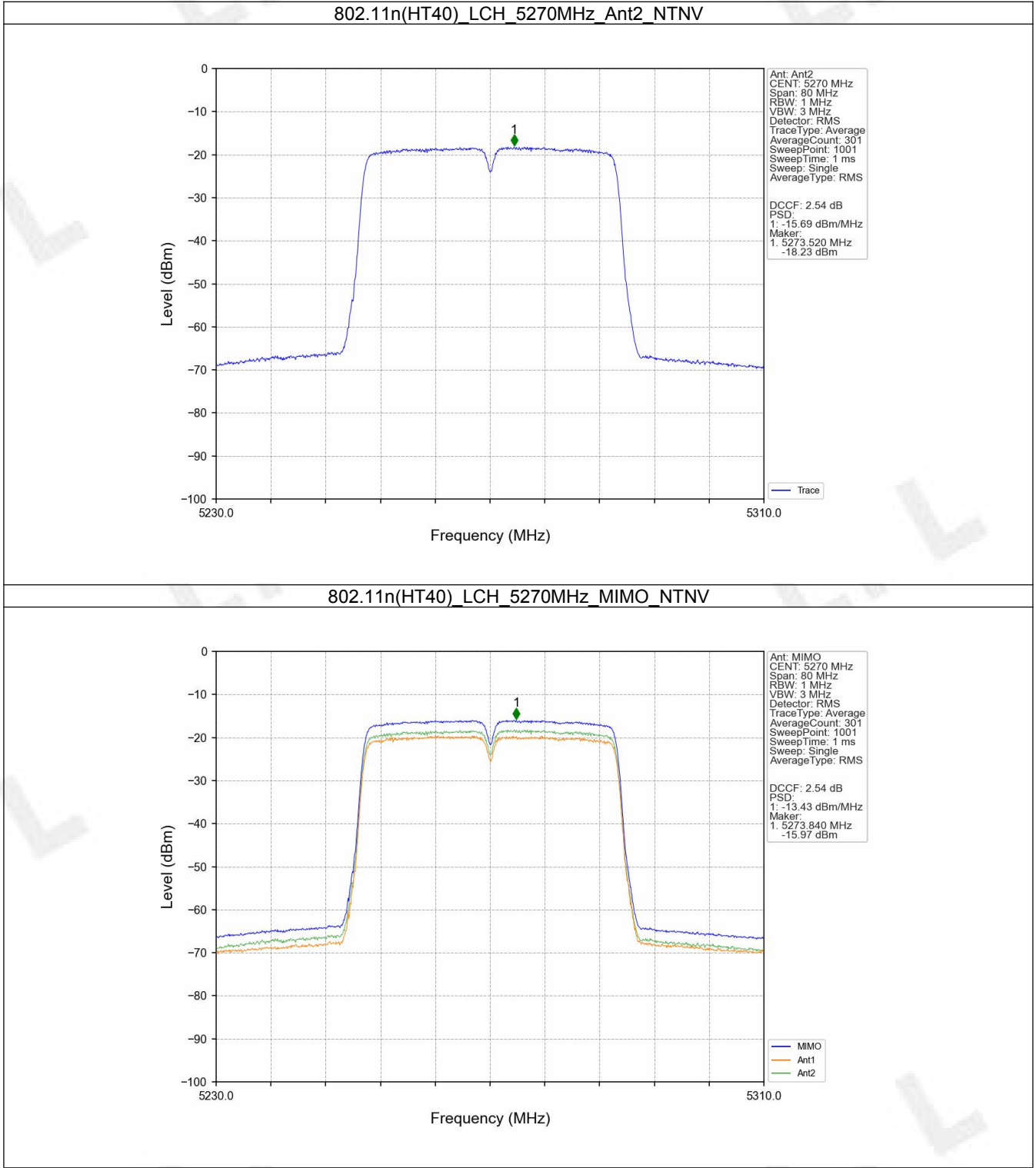
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



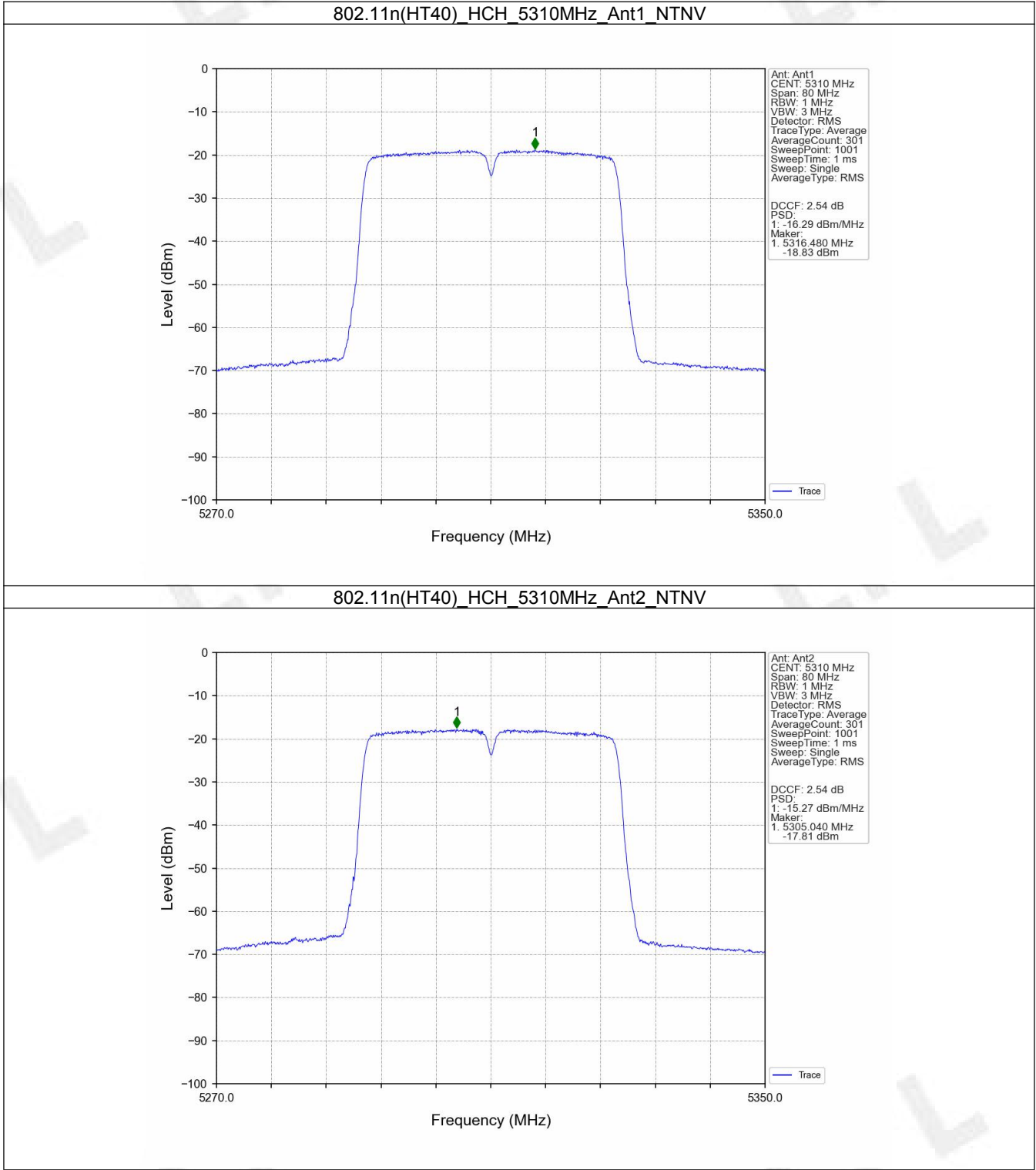
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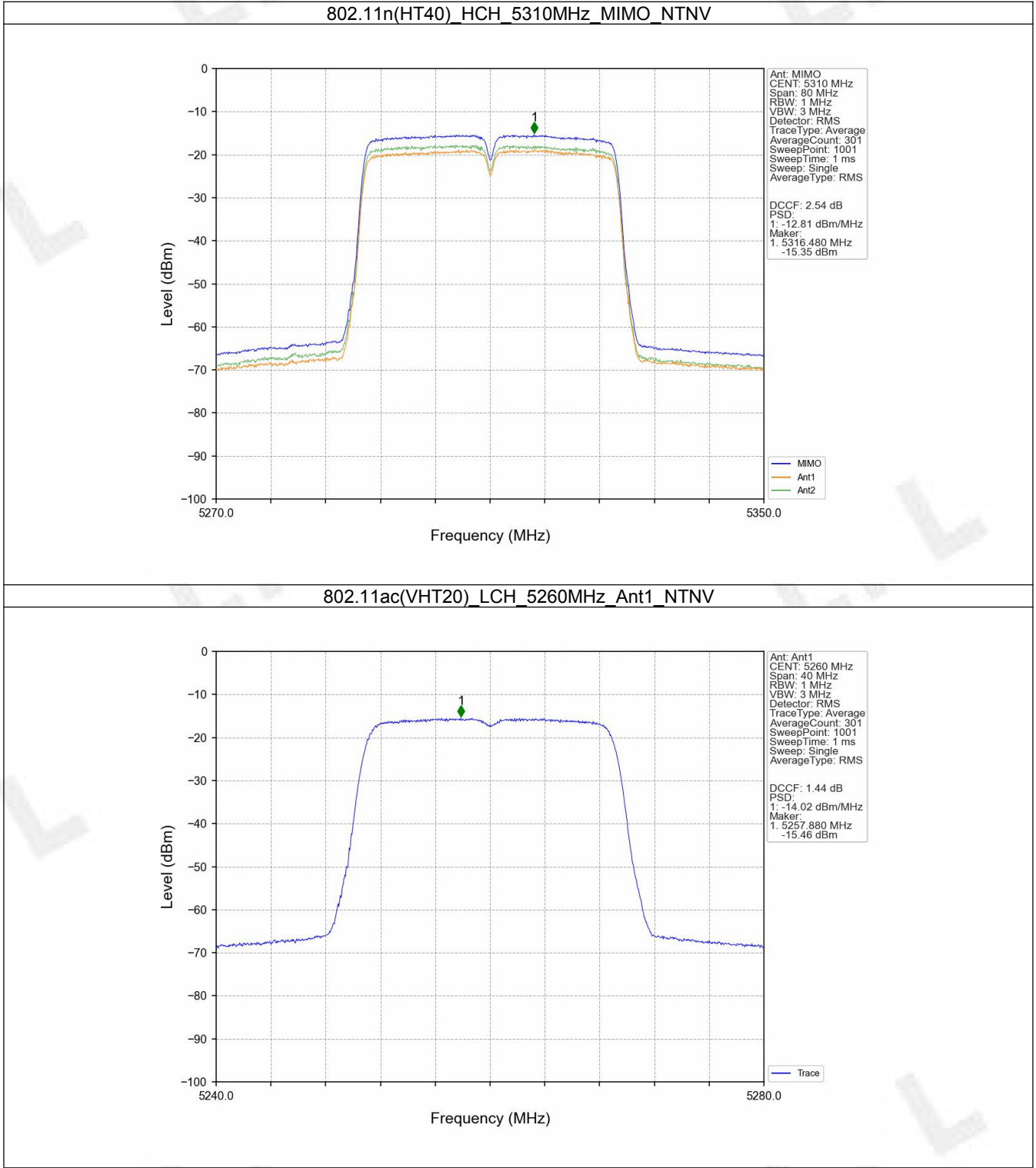
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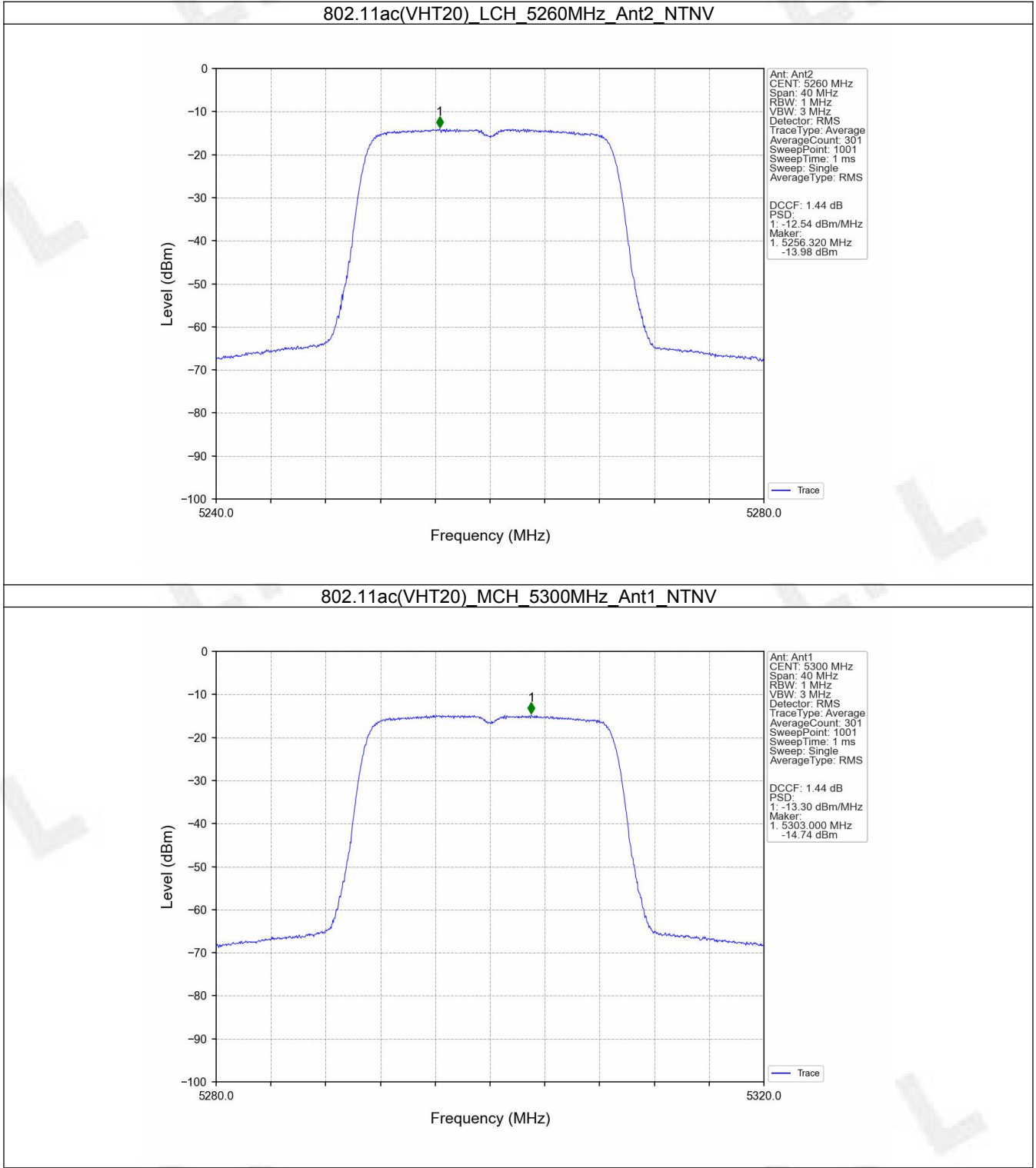
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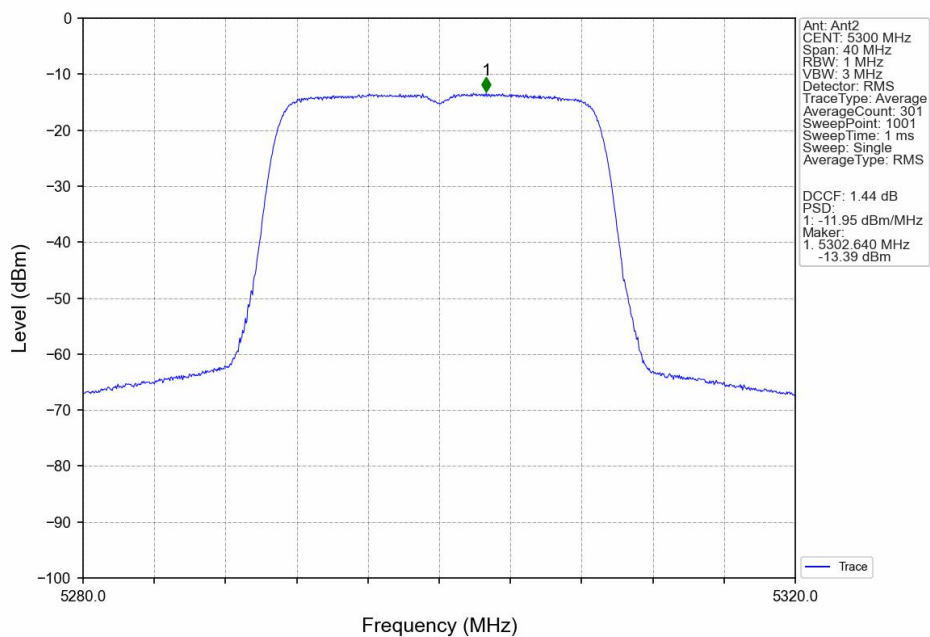


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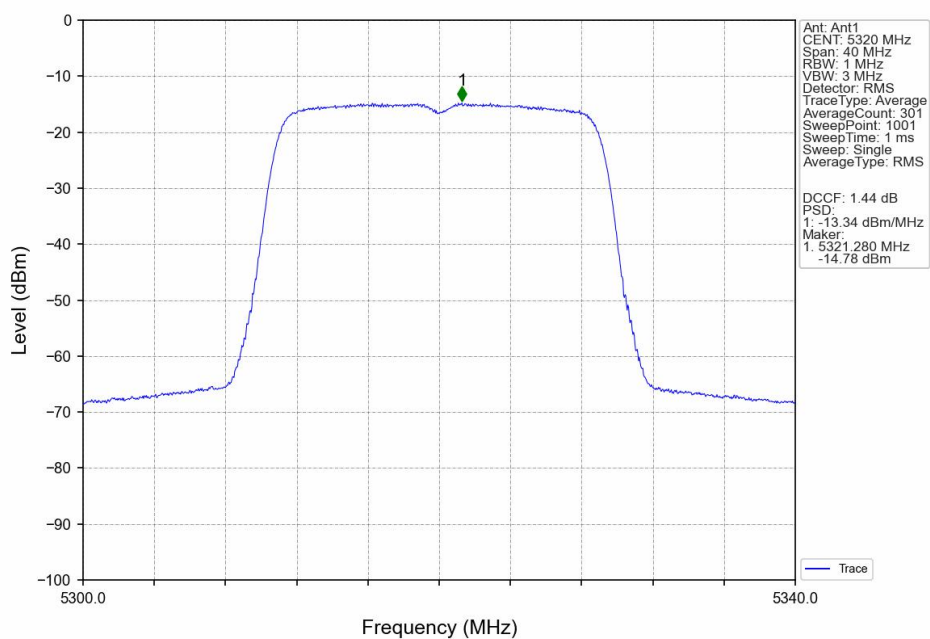


FCC ID: 2BUT3-SILICONE

802.11ac(VHT20) MCH 5300MHz_Ant2_NTNV

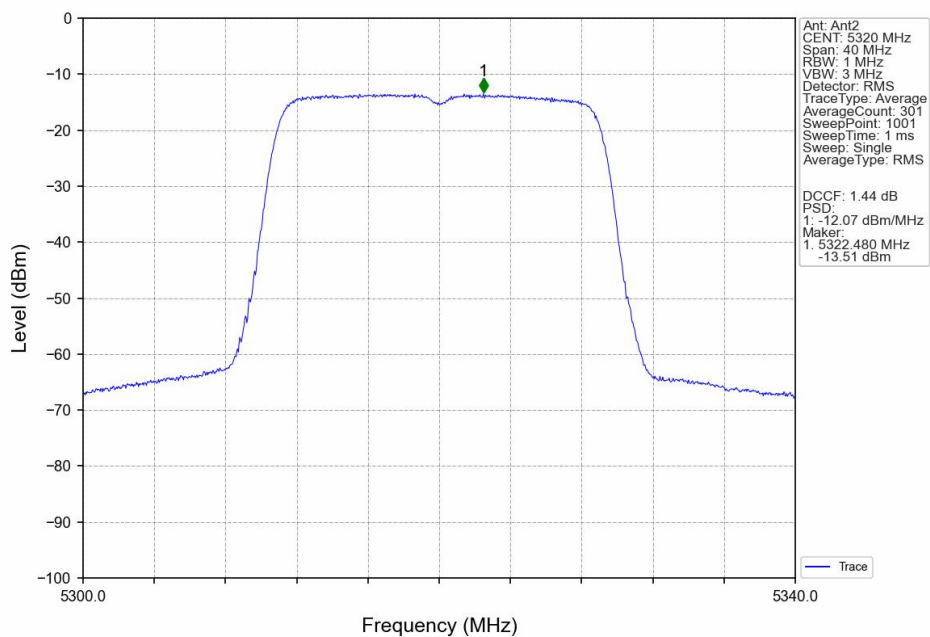


802.11ac(VHT20) HCH 5320MHz_Ant1_NTNV

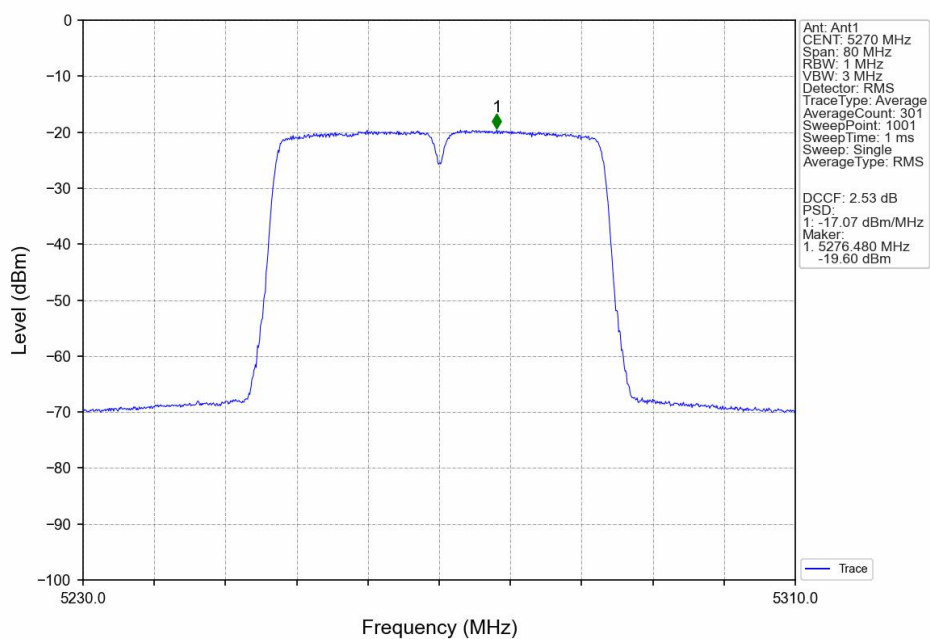


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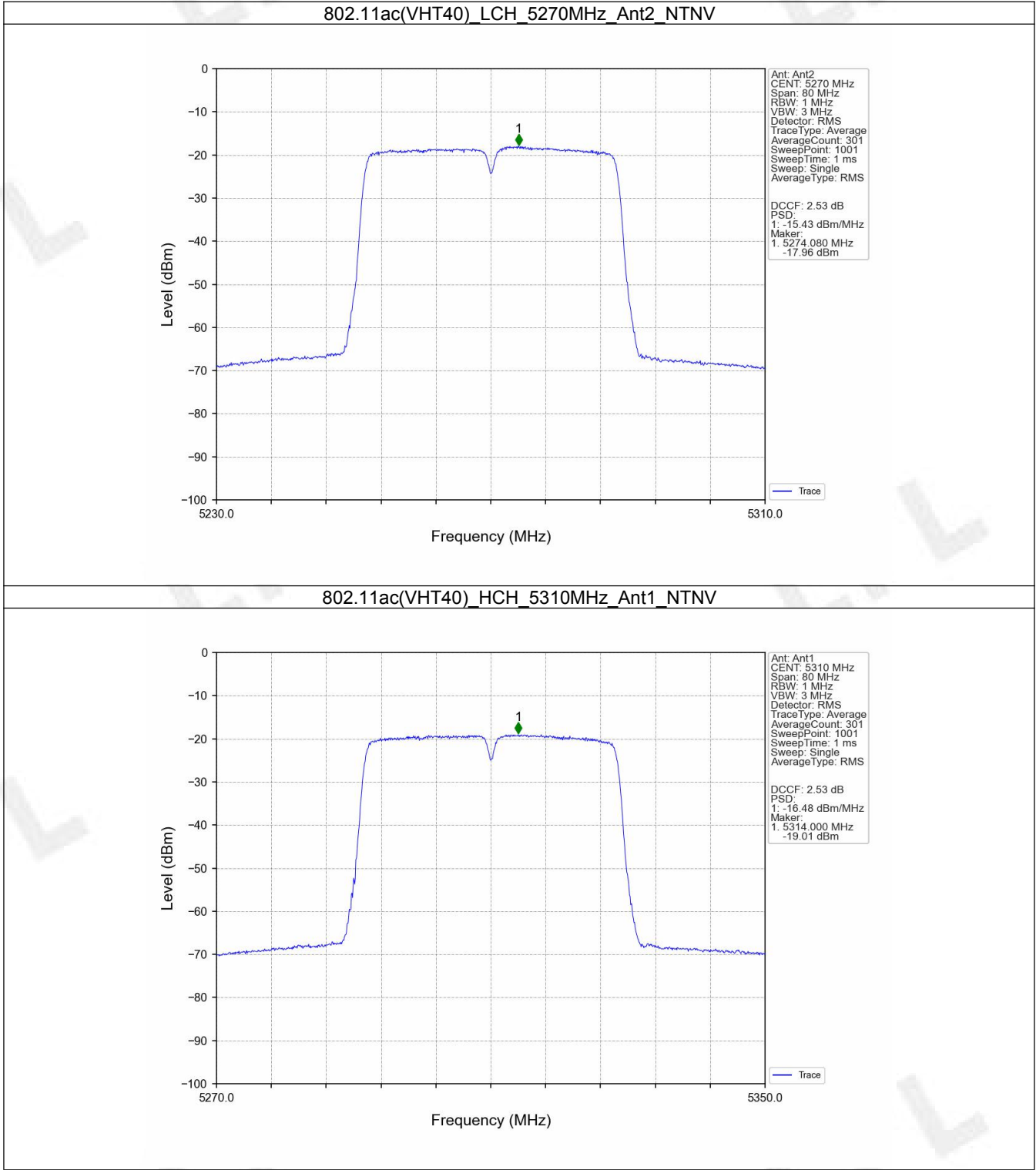
802.11ac(VHT20) HCH 5320MHz Ant2_NTNV



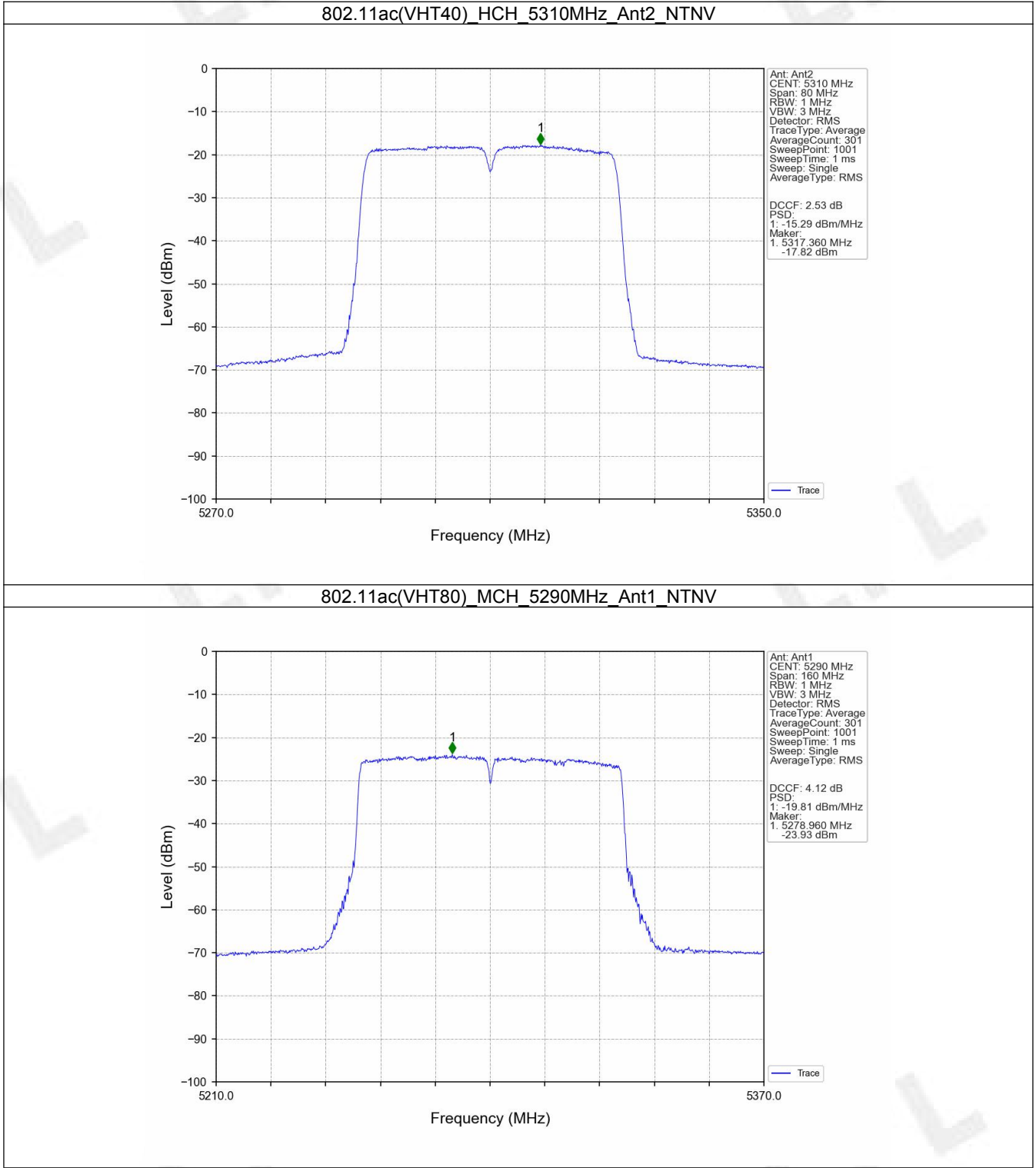
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



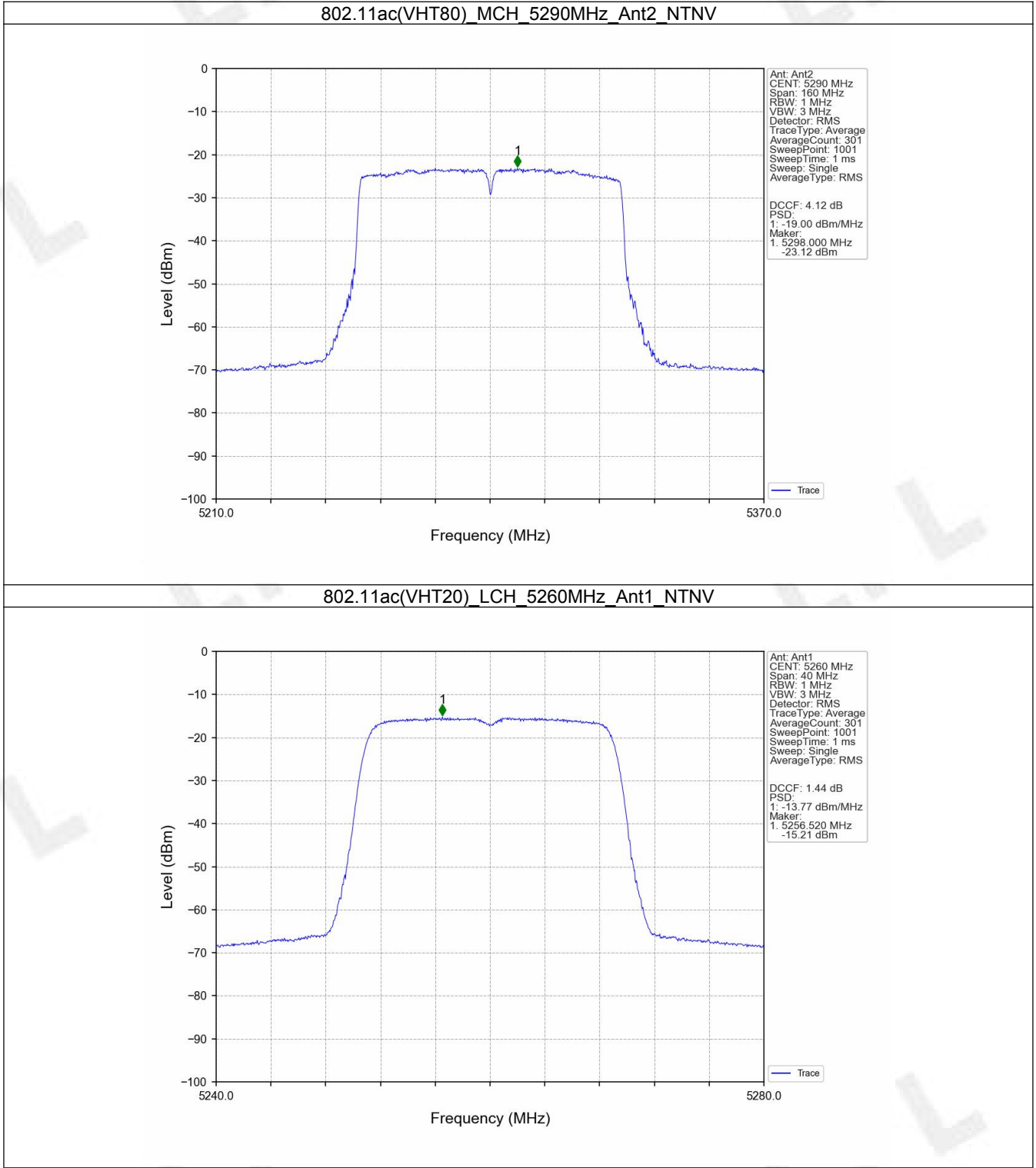
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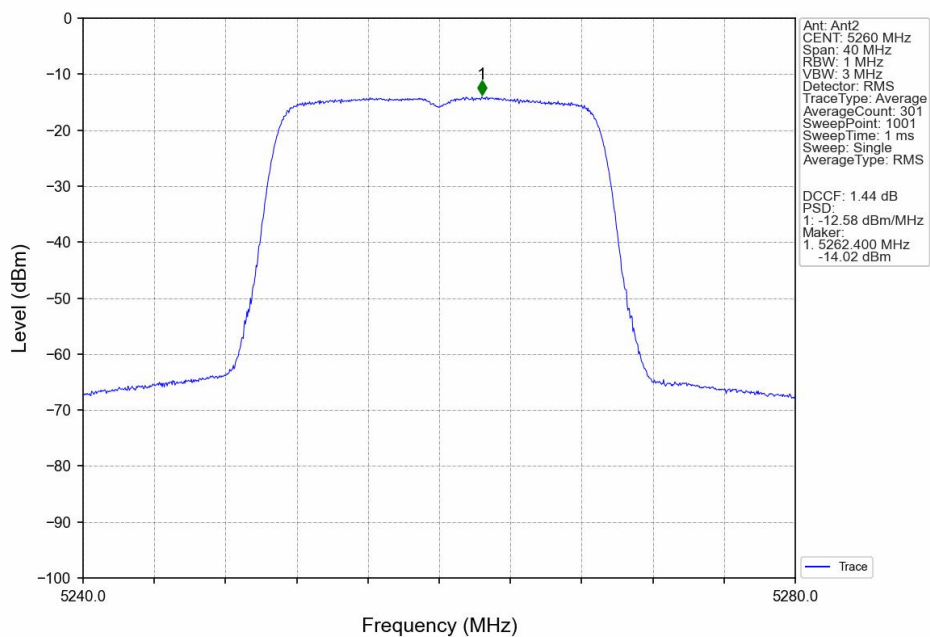


FCC ID: 2BUT3-SILICONE



FCC ID: 2BUT3-SILICONE

802.11ac(VHT20) LCH_5260MHz_Ant2_NTNV



802.11ac(VHT20) LCH_5260MHz_MIMO_NTNV

