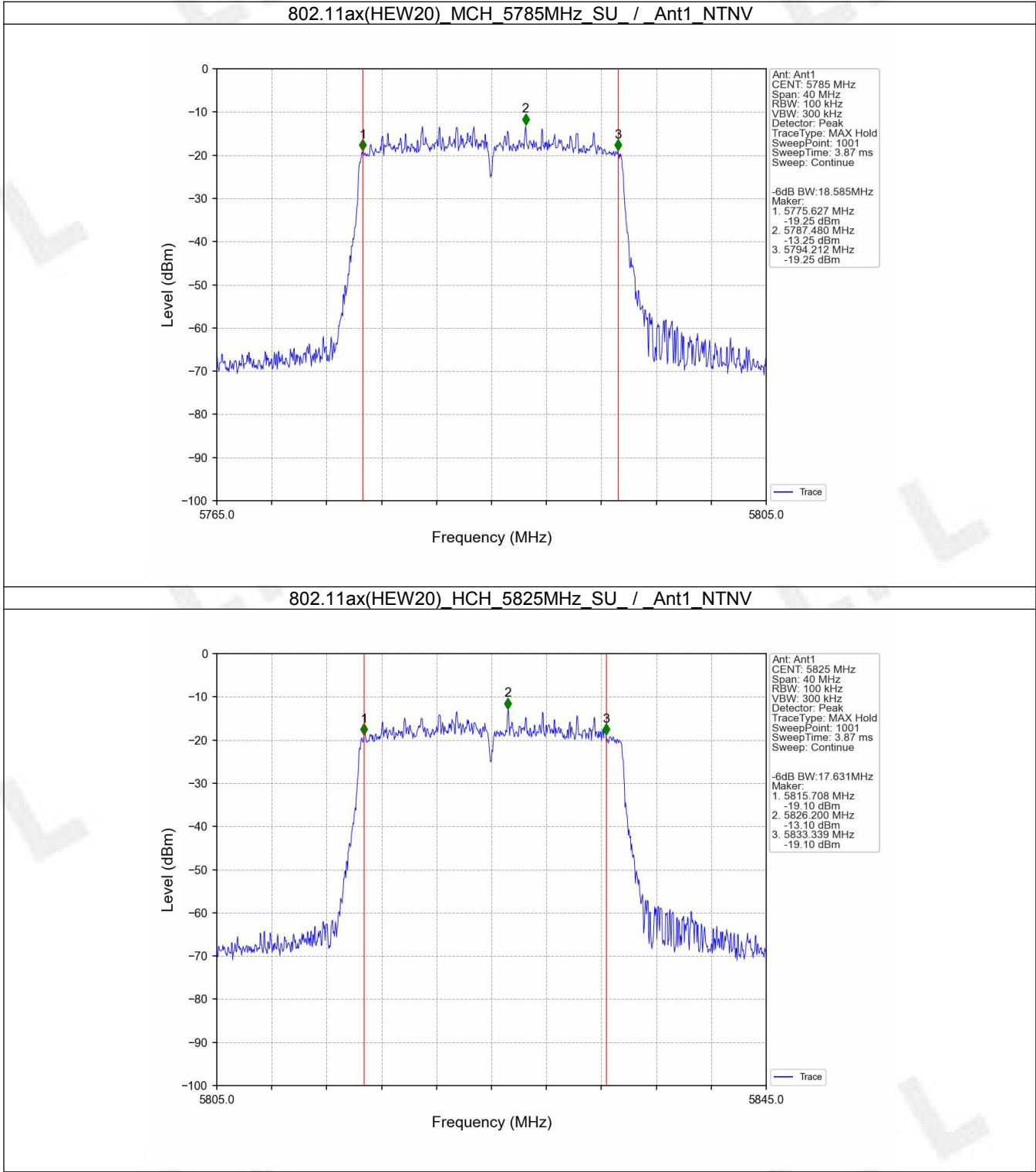
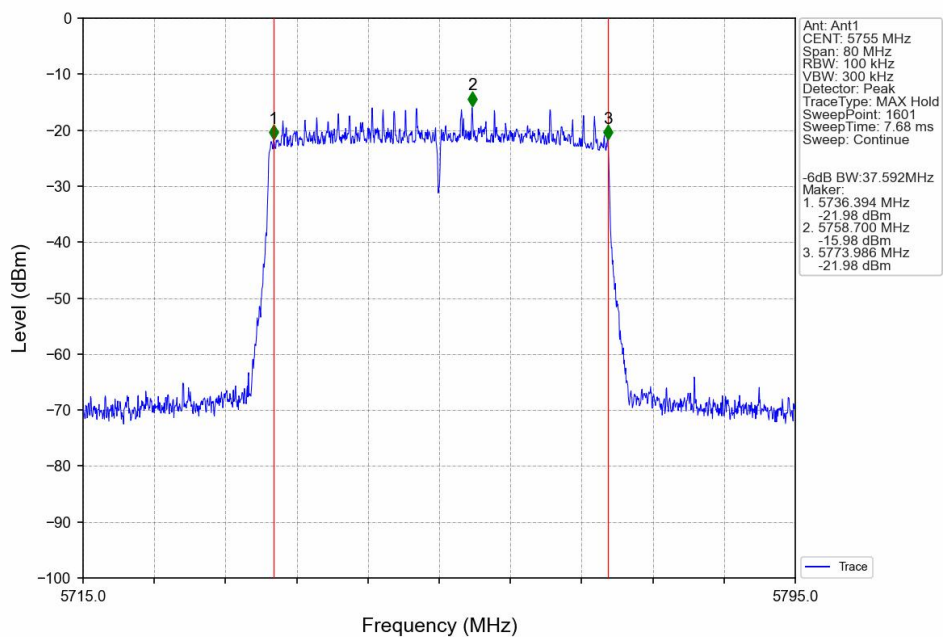


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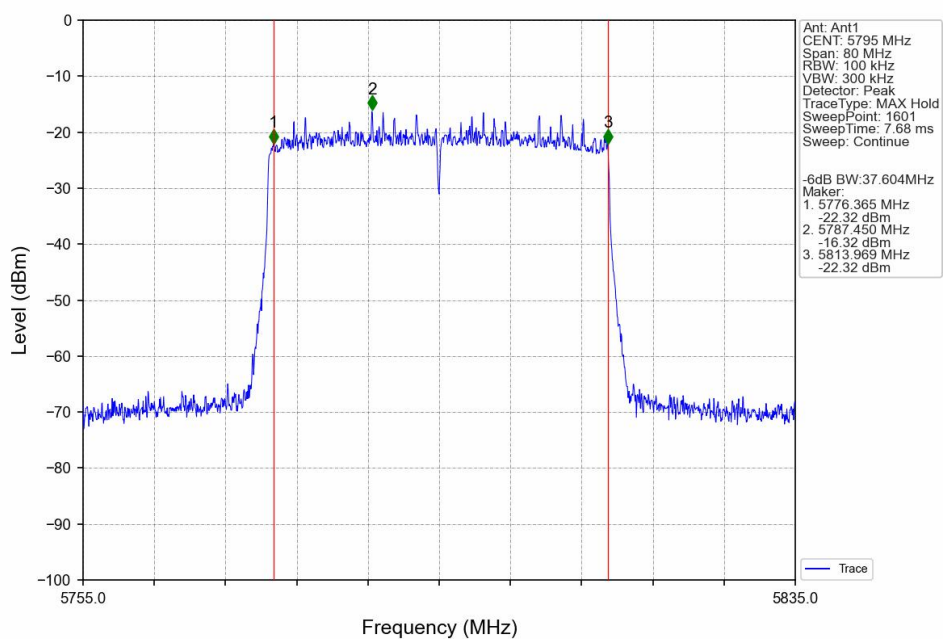


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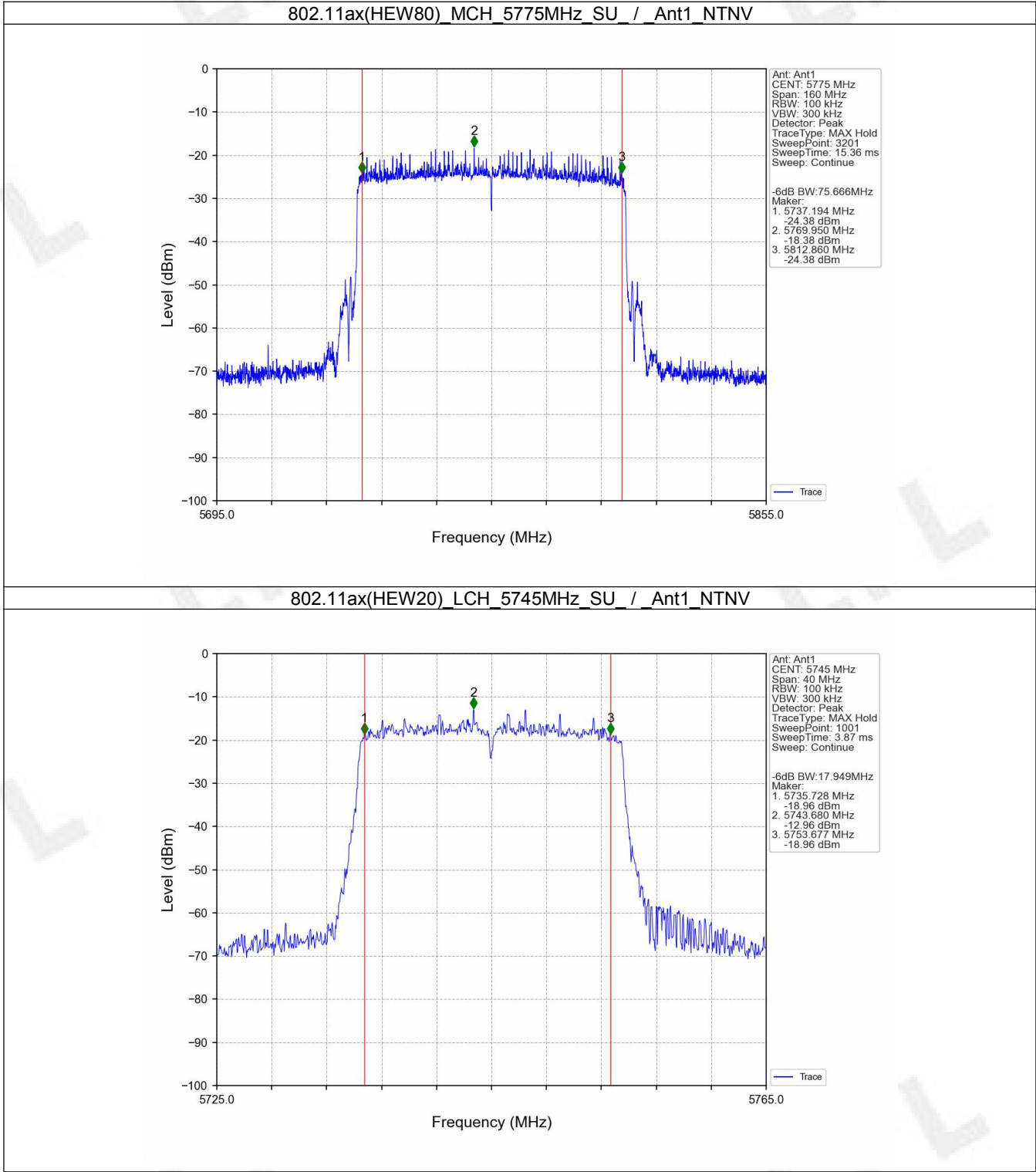
802.11ax(HEW40) LCH_5755MHz_SU_ / Ant1_NTNV



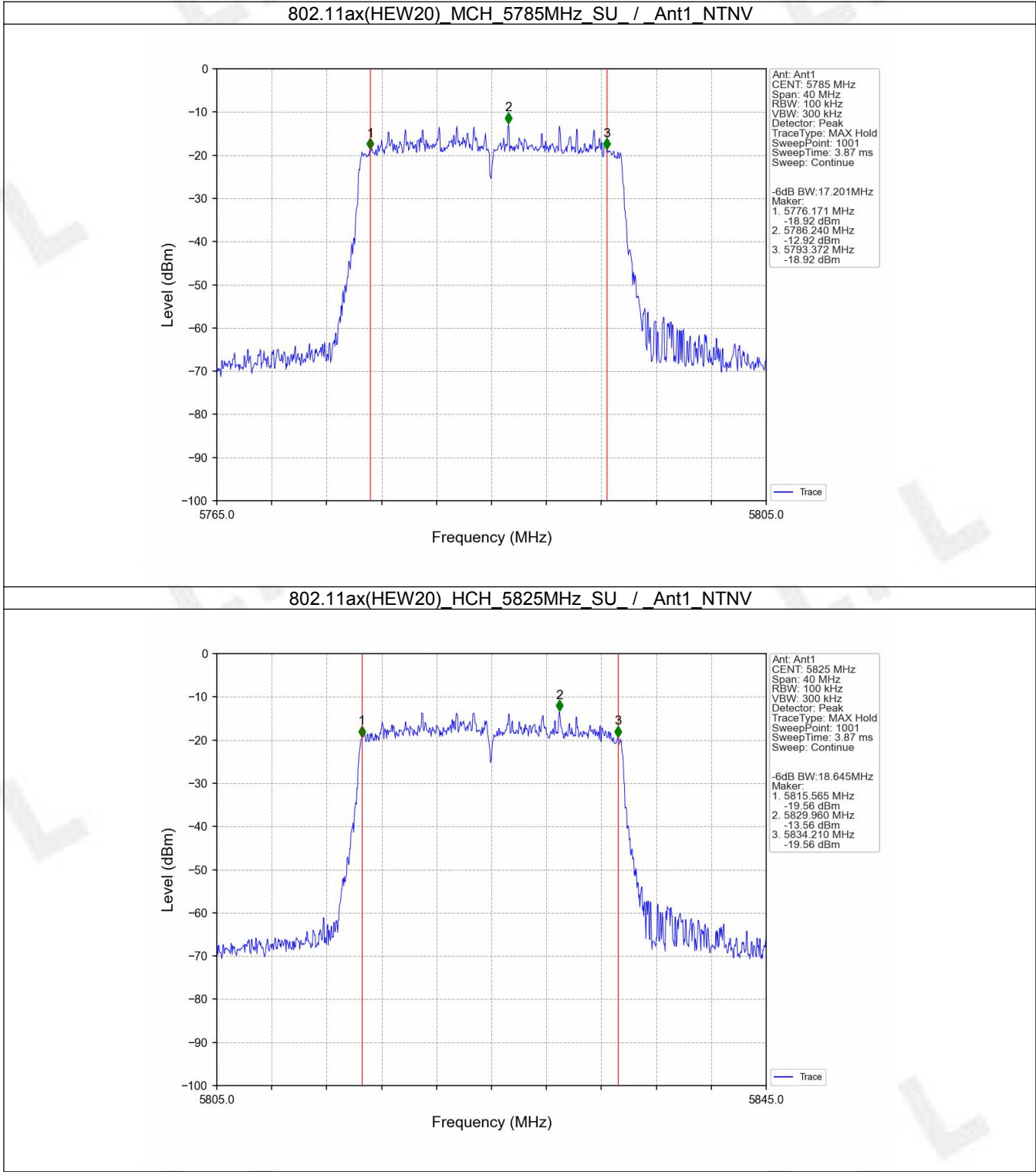
802.11ax(HEW40) HCH_5795MHz_SU_ / Ant1_NTNV



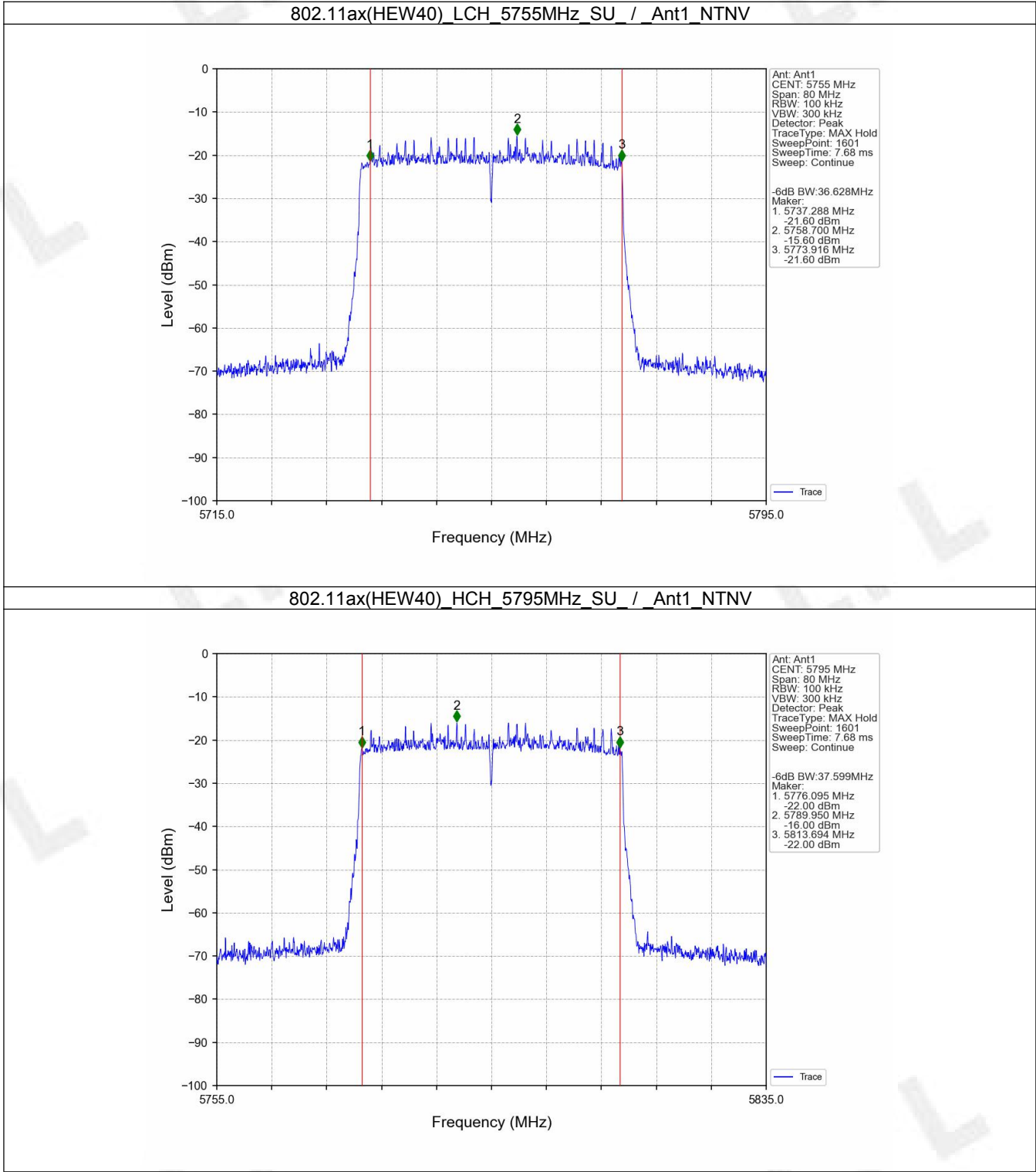
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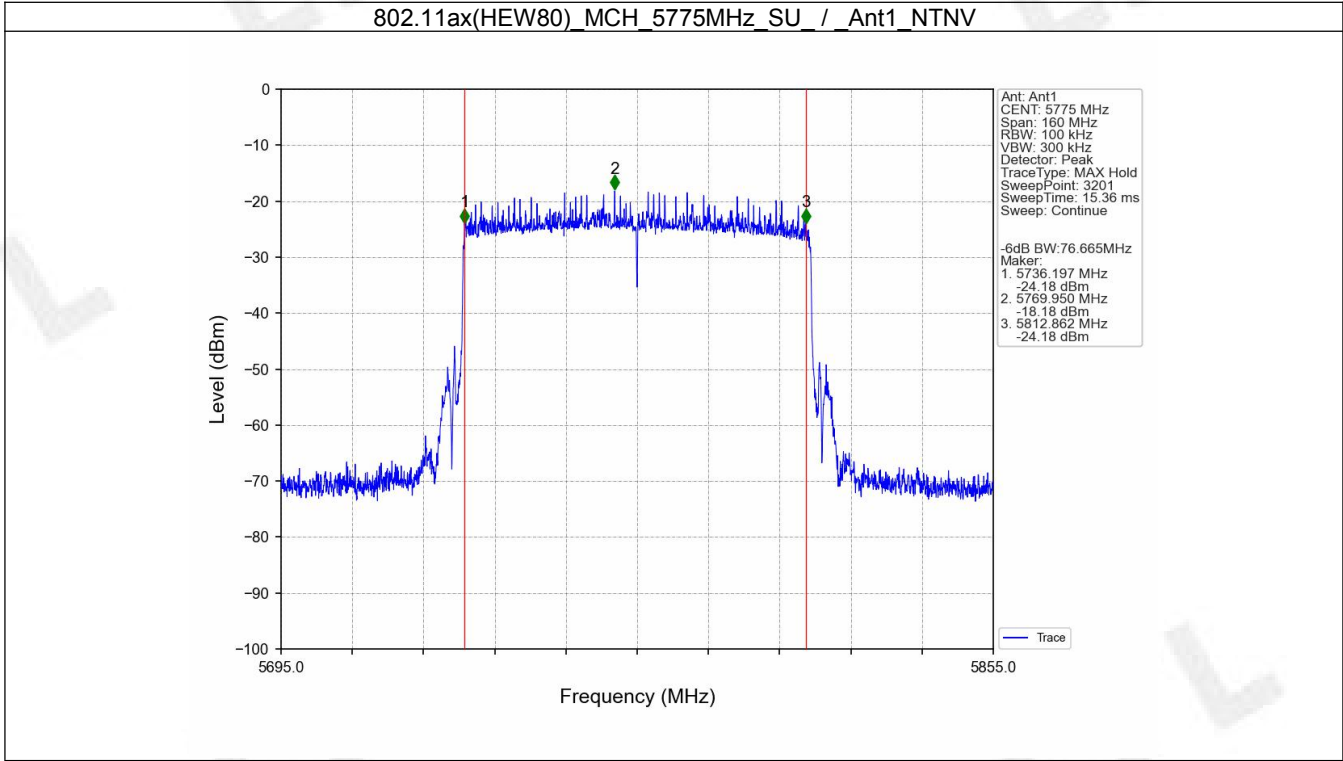
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FCC ID: 2BUT3-SILICONE



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	5745	/	/	0.26	-0.23	/	<=30	Pass
		5785	/	/	-0.58	-1.02	/	<=30	Pass
		5825	/	/	-0.02	-1.08	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-1.00	-1.25	/	<=30	Pass
		5785	/	/	-1.39	-1.98	/	<=30	Pass
		5825	/	/	-1.51	-1.94	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-0.84	-1.50	/	<=30	Pass
		5795	/	/	-1.22	-1.97	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-0.65	-1.35	2.02	<=30	Pass
		5785	/	/	-1.24	-2.15	1.34	<=30	Pass
		5825	/	/	-1.52	-2.07	1.22	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-0.63	-1.20	2.10	<=30	Pass
		5795	/	/	-1.31	-2.09	1.33	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	0.25	-1.20	/	<=30	Pass
		5785	/	/	-1.27	-1.96	/	<=30	Pass
		5825	/	/	-1.52	-2.01	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-0.84	-1.41	/	<=30	Pass
		5795	/	/	-1.25	-2.04	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-0.85	-2.07	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-1.77	-1.51	1.37	<=30	Pass
		5785	/	/	-1.65	-2.14	1.12	<=30	Pass
		5825	/	/	-1.89	-2.45	0.85	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-1.72	-1.95	1.18	<=30	Pass
		5795	/	/	-1.80	-2.52	0.87	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-1.41	-2.15	1.25	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-1.43	-1.77	/	<=30	Pass
		5785	SU	/	-1.76	-2.40	/	<=30	Pass
		5825	SU	/	-1.85	-2.25	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-1.61	-2.40	/	<=30	Pass
		5795	SU	/	-1.88	-1.96	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-1.42	-2.06	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-1.31	-1.98	1.38	<=30	Pass
		5785	SU	/	-1.59	-2.73	0.89	<=30	Pass
		5825	SU	/	-1.71	-2.20	1.06	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-1.64	-1.67	1.36	<=30	Pass
		5795	SU	/	-1.84	-1.83	1.18	<=30	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-1.31	-2.13	1.31	<=30	Pass
Note1: Antenna Gain: Ant1: 1.52dBi; Ant2: 2.35dBi;									
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-Band3**

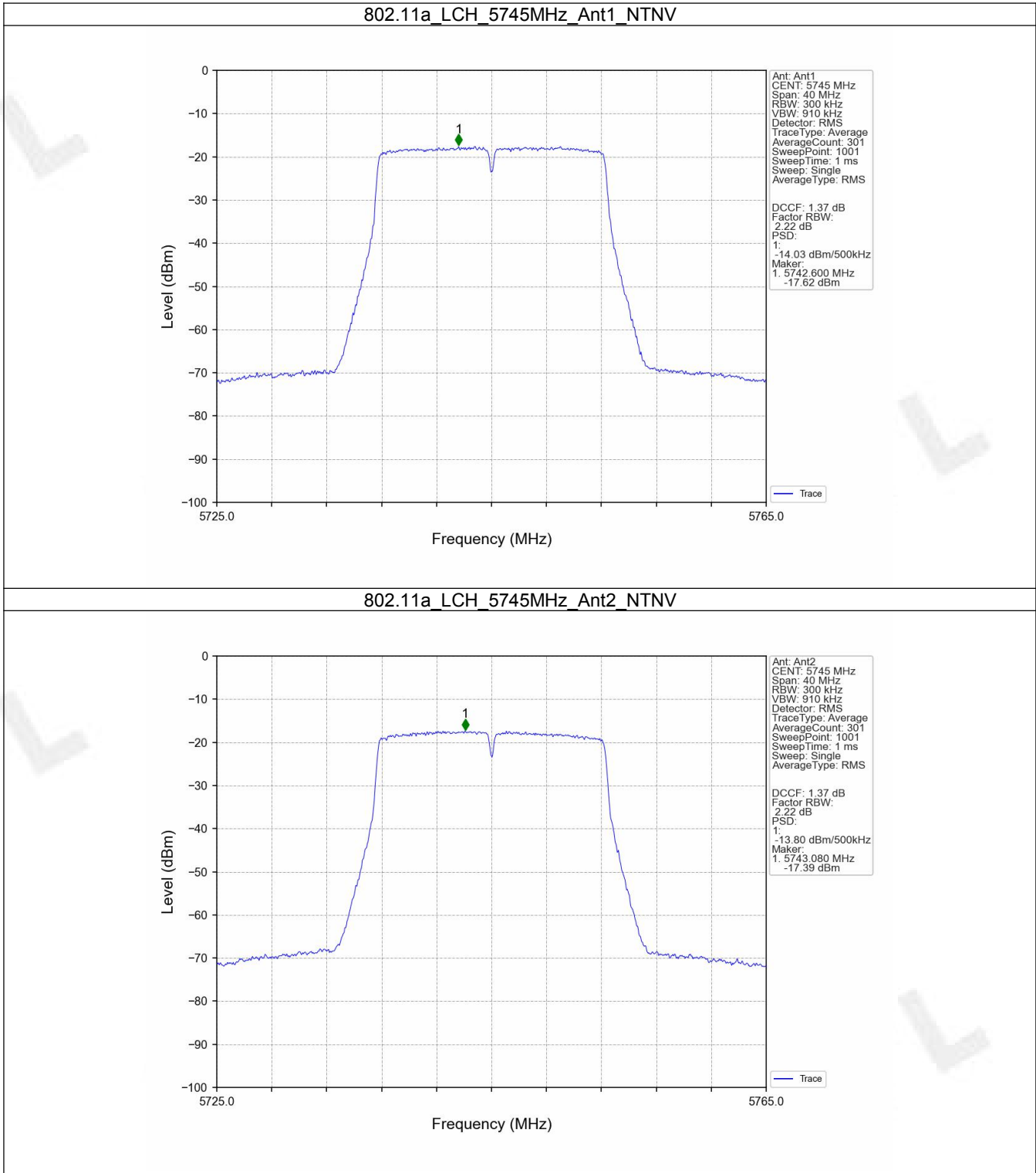
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-14.03	-13.80	/	<=30	Pass
		5785	/	/	-14.58	-14.65	/	<=30	Pass
		5825	/	/	-14.40	-15.11	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-14.97	-15.43	/	<=30	Pass
		5785	/	/	-15.46	-16.25	/	<=30	Pass
		5825	/	/	-15.72	-16.13	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-17.79	-18.40	/	<=30	Pass
		5795	/	/	-18.22	-19.09	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-14.91	-15.56	-12.32	<=30	Pass
		5785	/	/	-15.36	-16.40	-13.00	<=30	Pass
		5825	/	/	-15.52	-16.13	-12.88	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-17.54	-18.46	-15.06	<=30	Pass
		5795	/	/	-18.28	-19.00	-15.68	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-13.91	-15.30	/	<=30	Pass
		5785	/	/	-15.40	-15.89	/	<=30	Pass
		5825	/	/	-15.55	-16.08	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-18.00	-18.43	/	<=30	Pass
		5795	/	/	-18.19	-19.02	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-20.77	-21.51	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-15.87	-15.82	-12.96	<=30	Pass
		5785	/	/	-15.90	-16.06	-13.06	<=30	Pass
		5825	/	/	-16.06	-16.59	-13.42	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-19.16	-19.16	-16.26	<=30	Pass
		5795	/	/	-18.89	-19.75	-16.29	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-21.48	-21.54	-18.50	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-15.68	-16.09	/	<=30	Pass
		5785	SU	/	-15.97	-16.60	/	<=30	Pass
		5825	SU	/	-15.91	-16.05	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-18.20	-19.15	/	<=30	Pass
		5795	SU	/	-18.57	-18.84	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-21.00	-21.67	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-15.62	-16.06	-12.96	<=30	Pass
		5785	SU	/	-15.87	-16.82	-13.47	<=30	Pass
		5825	SU	/	-16.07	-16.56	-13.43	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-18.22	-19.07	-15.88	<=30	Pass
		5795	SU	/	-19.08	-18.97	-16.16	<=30	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-20.96	-21.85	-18.66	<=30	Pass

Note1: Antenna Gain: Ant1: 1.52dBi; Ant2: 2.35dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

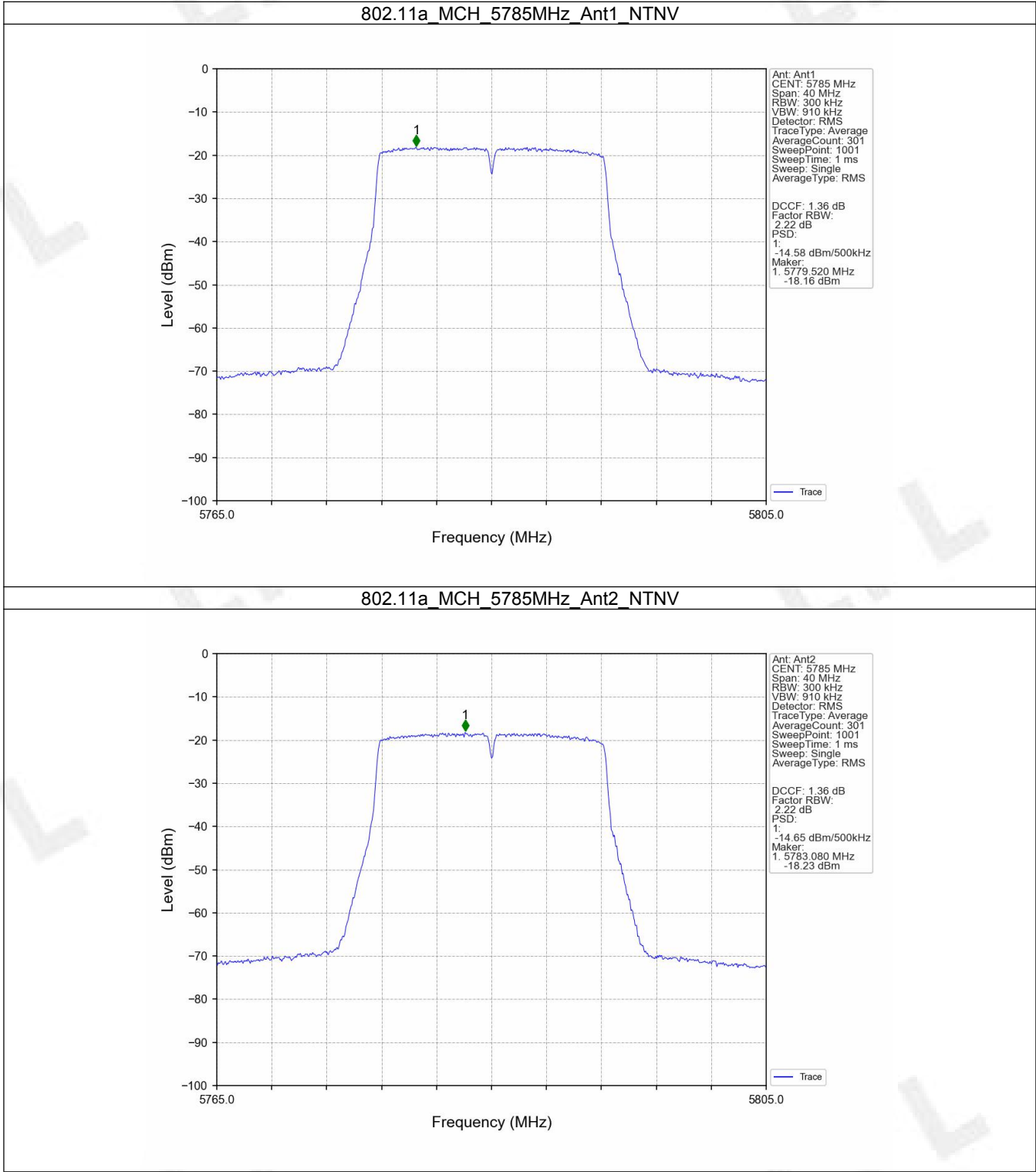
FCC ID: 2BUT3-SILICONE

4.2 Test Graph

4.2.1 PSD-Band3

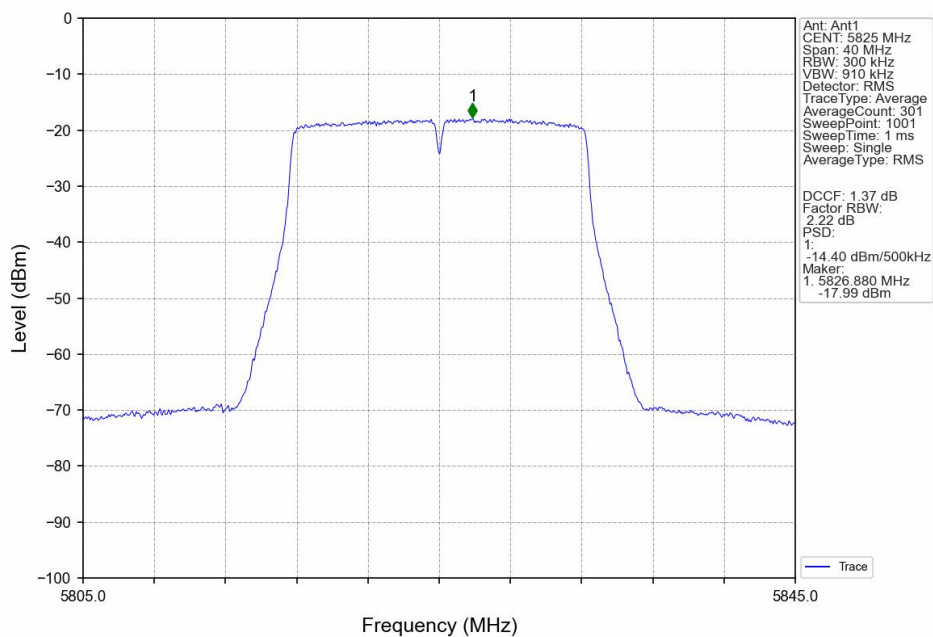


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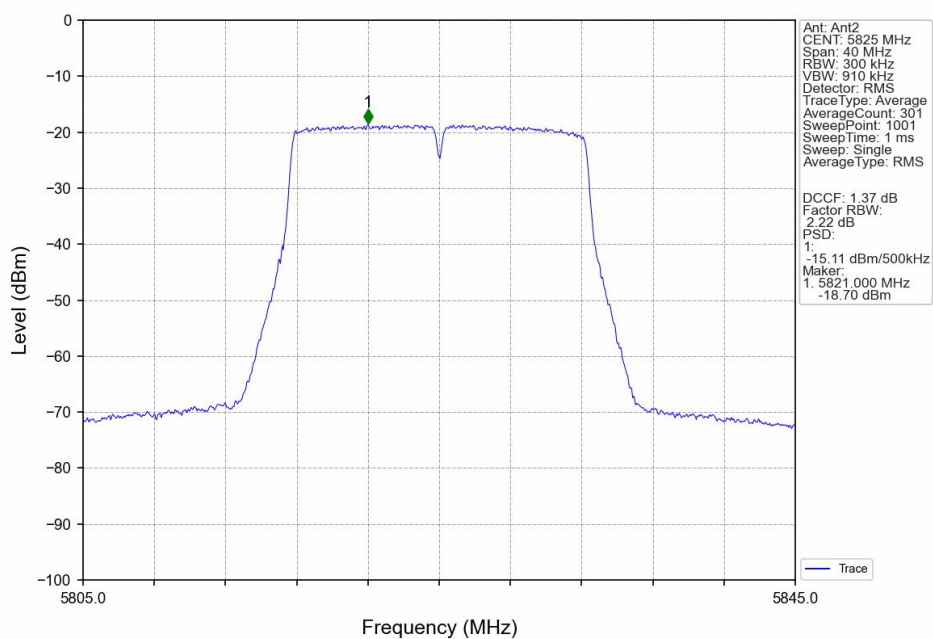


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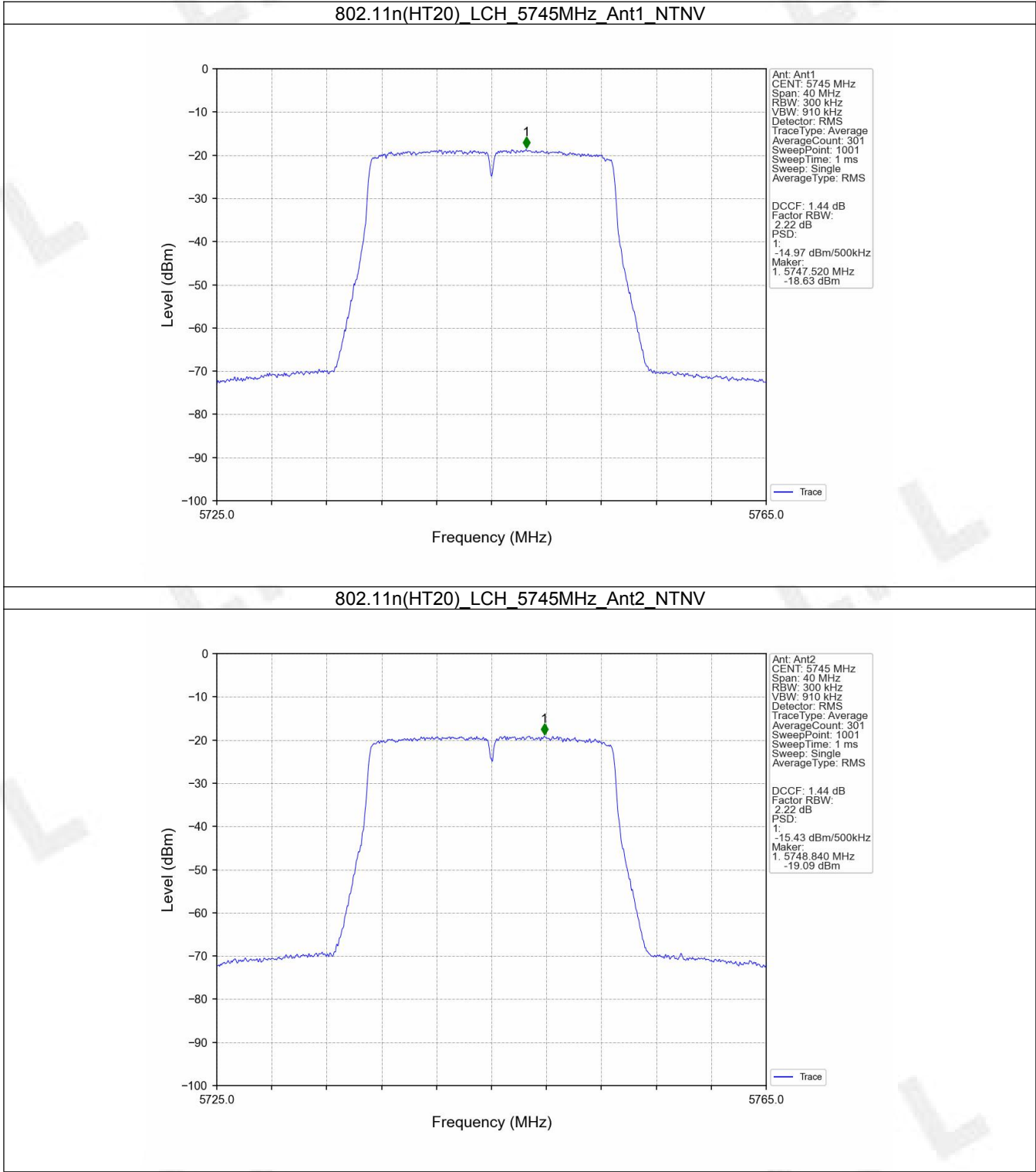
802.11a_HCH_5825MHz_Ant1_NTNV



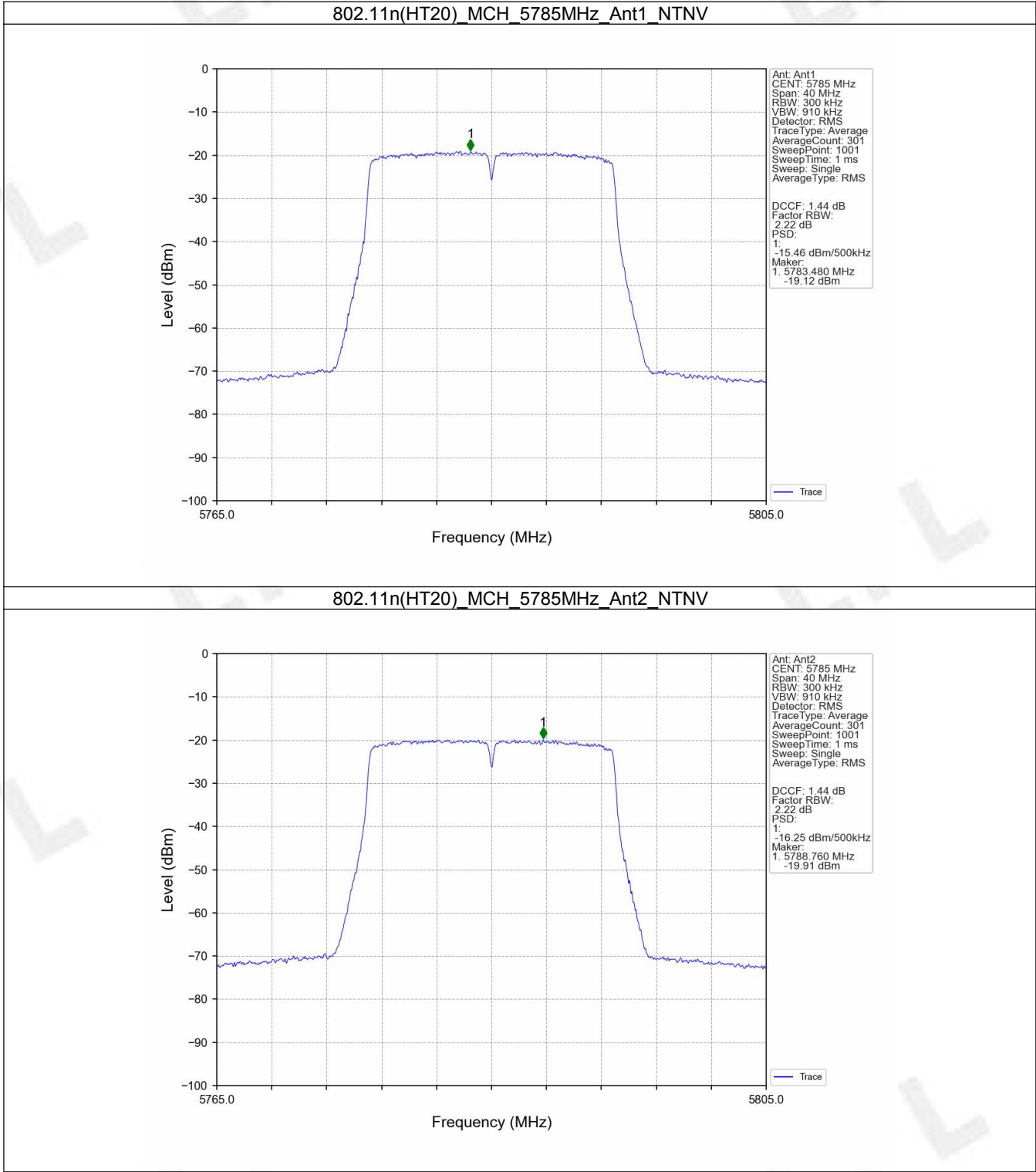
802.11a_HCH_5825MHz_Ant2_NTNV



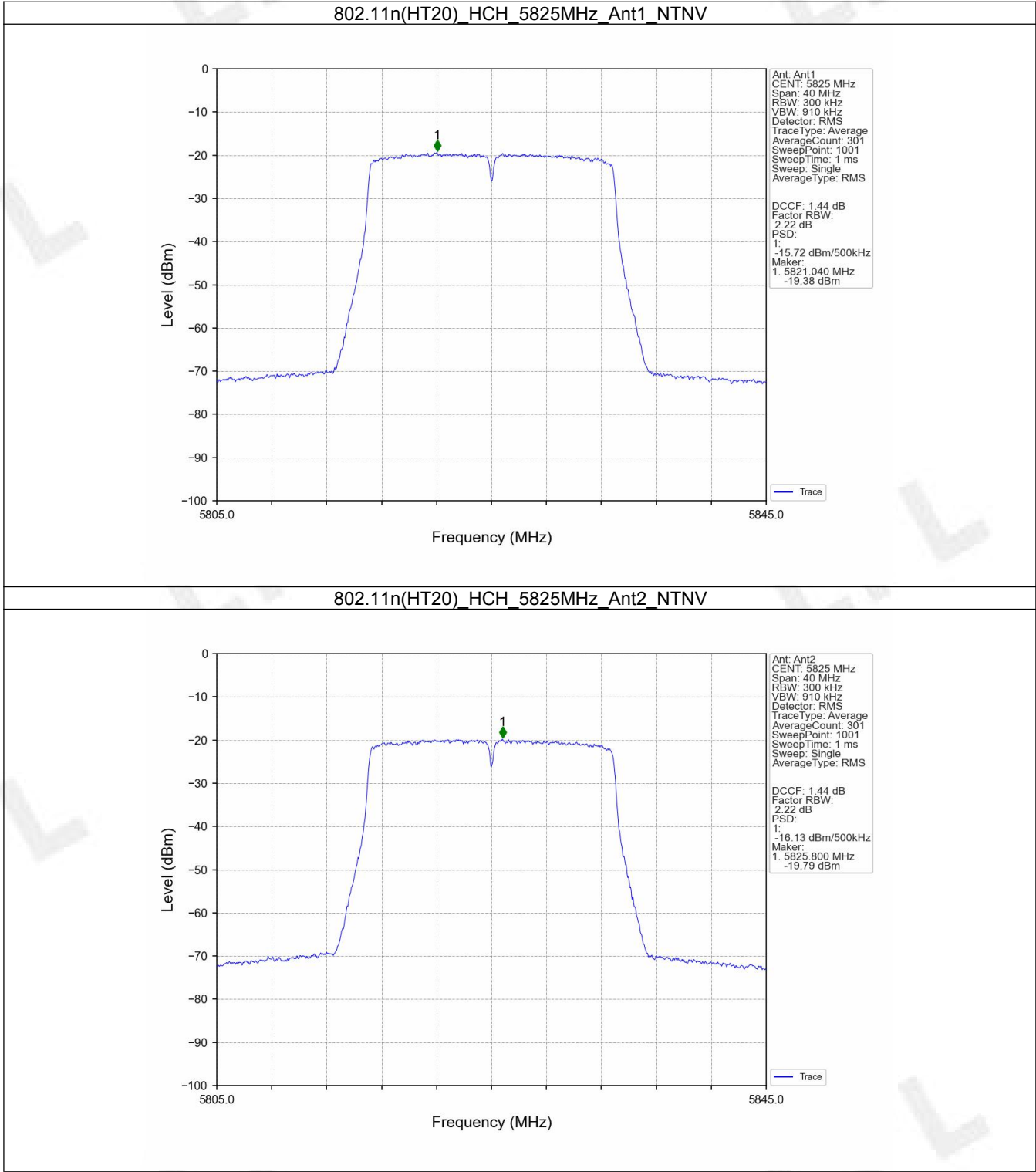
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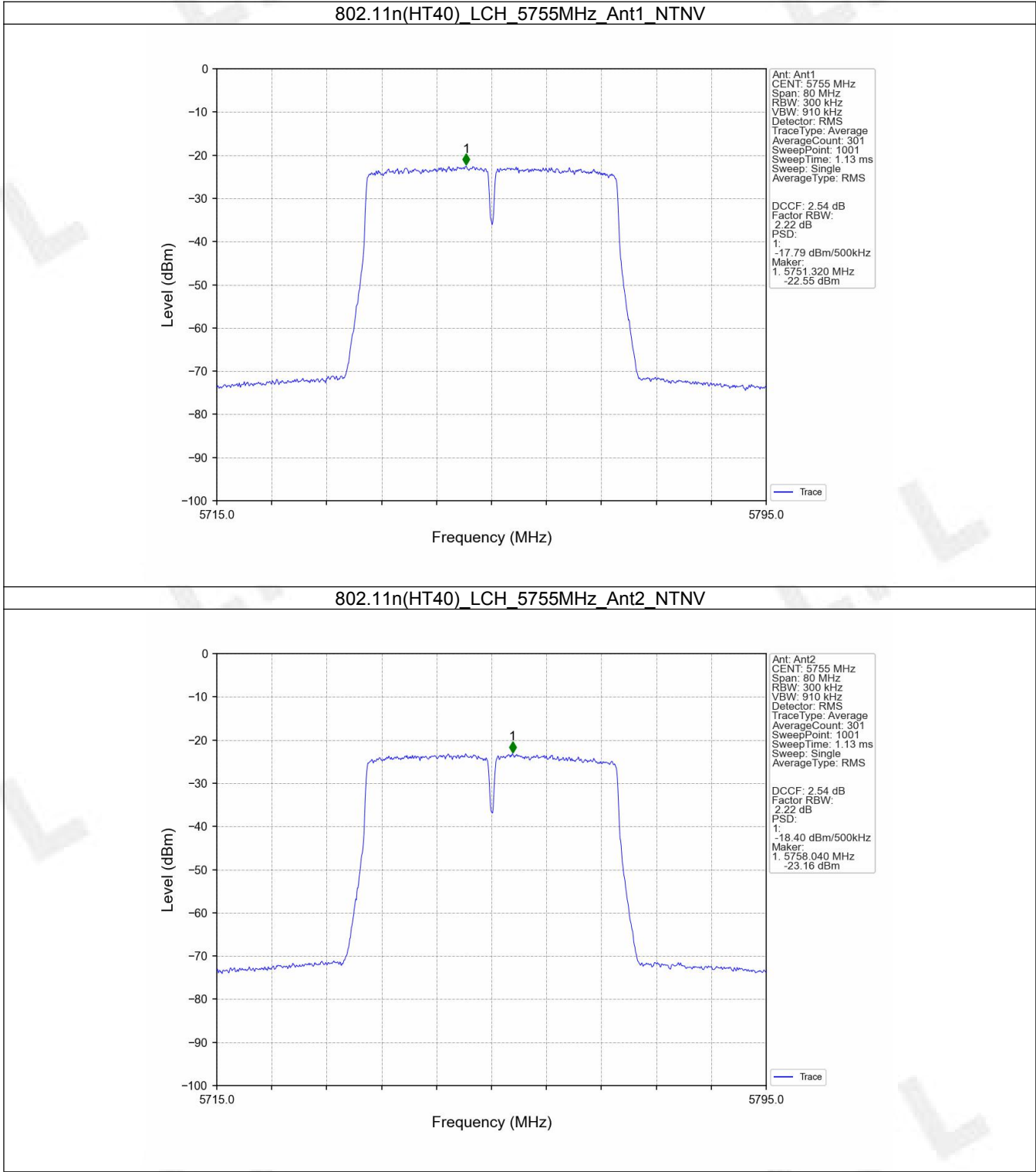
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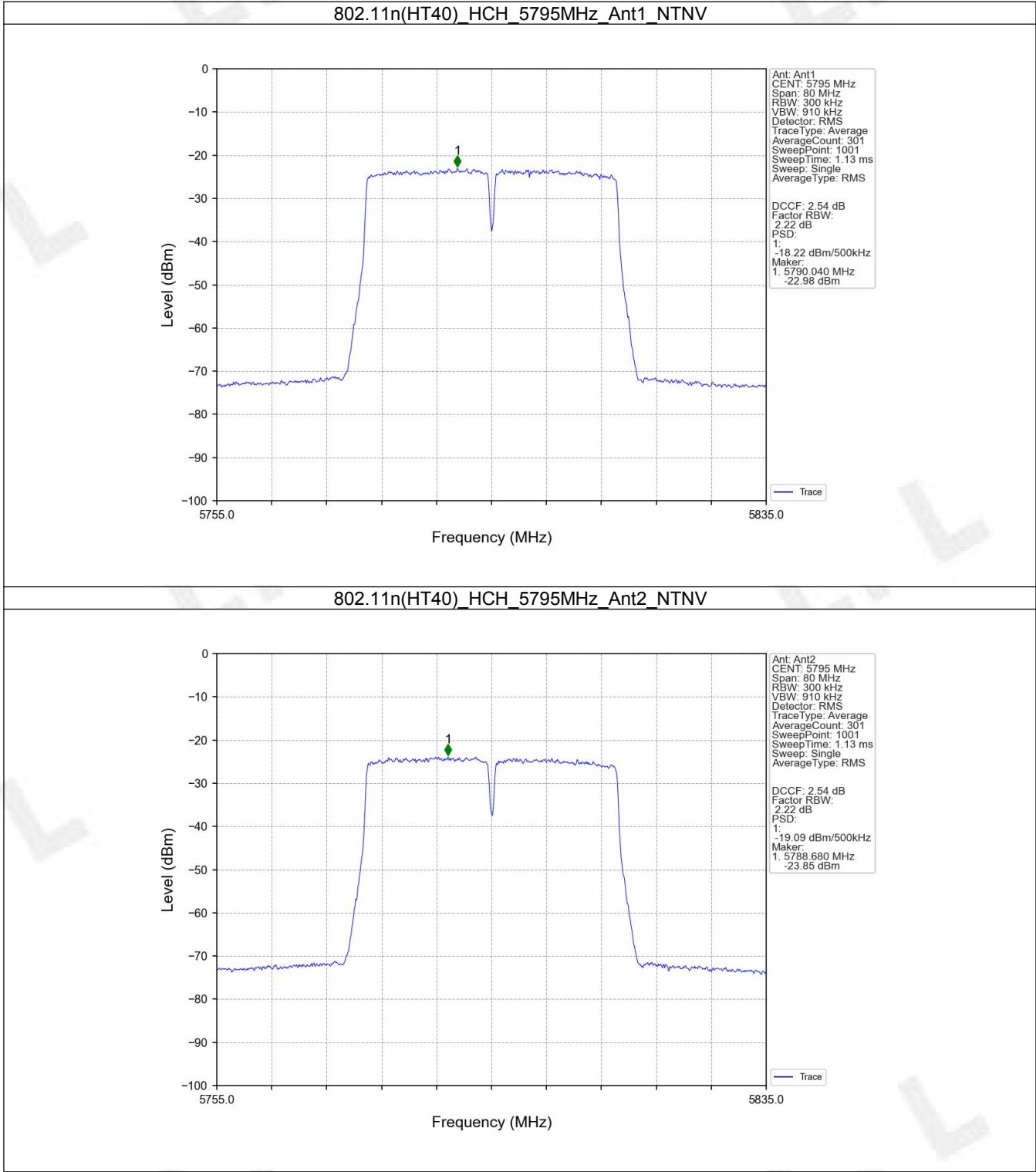
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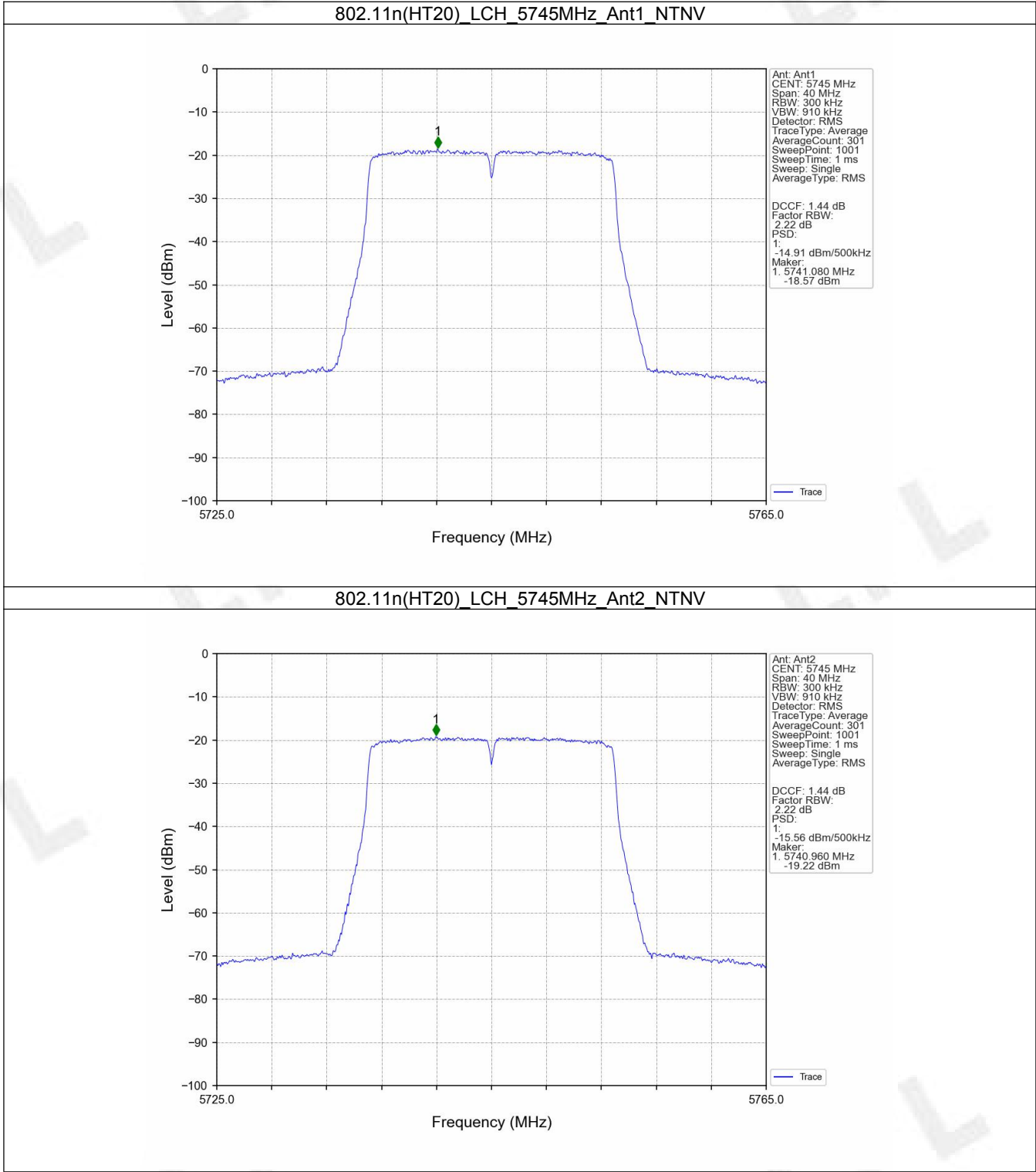
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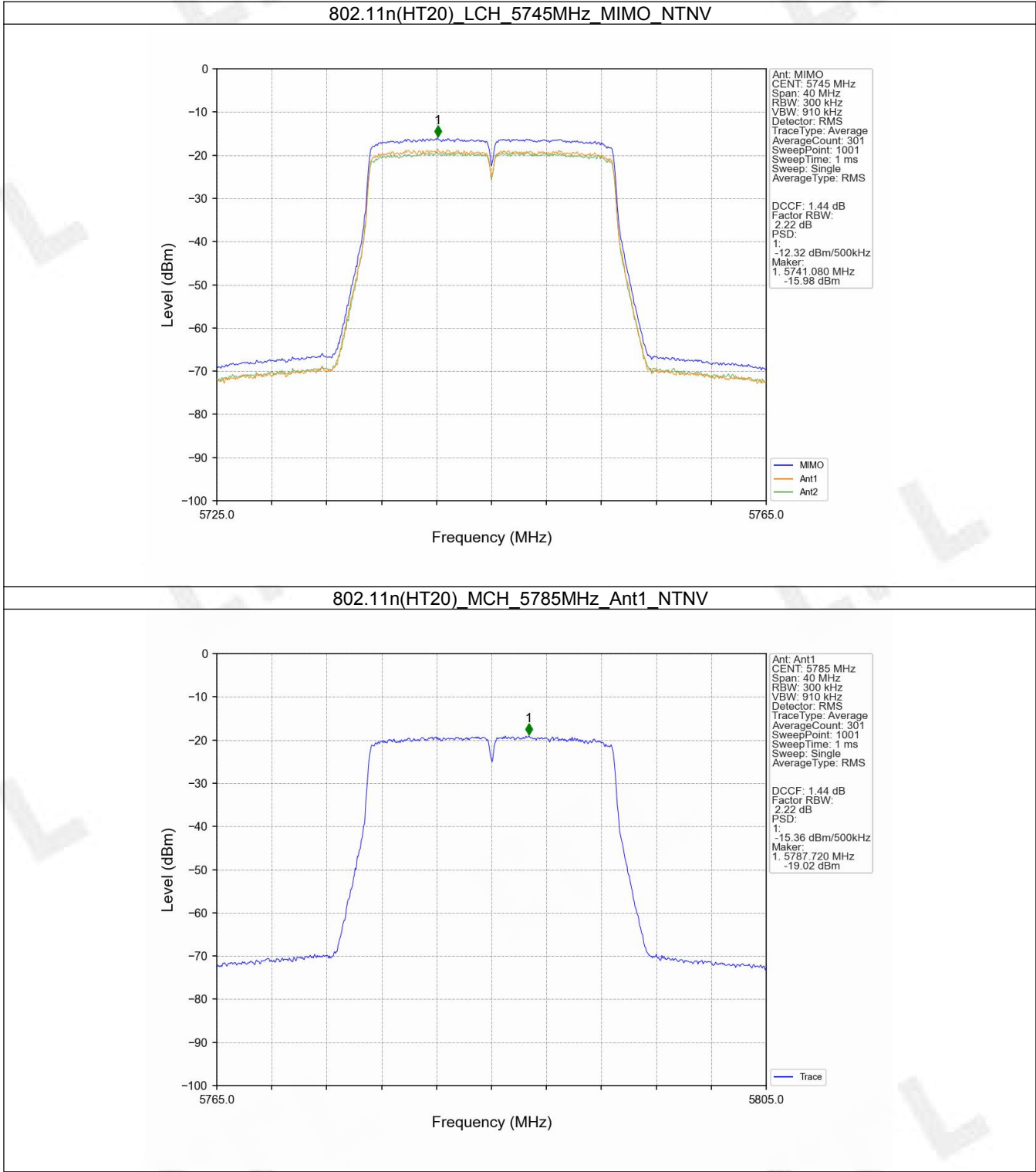
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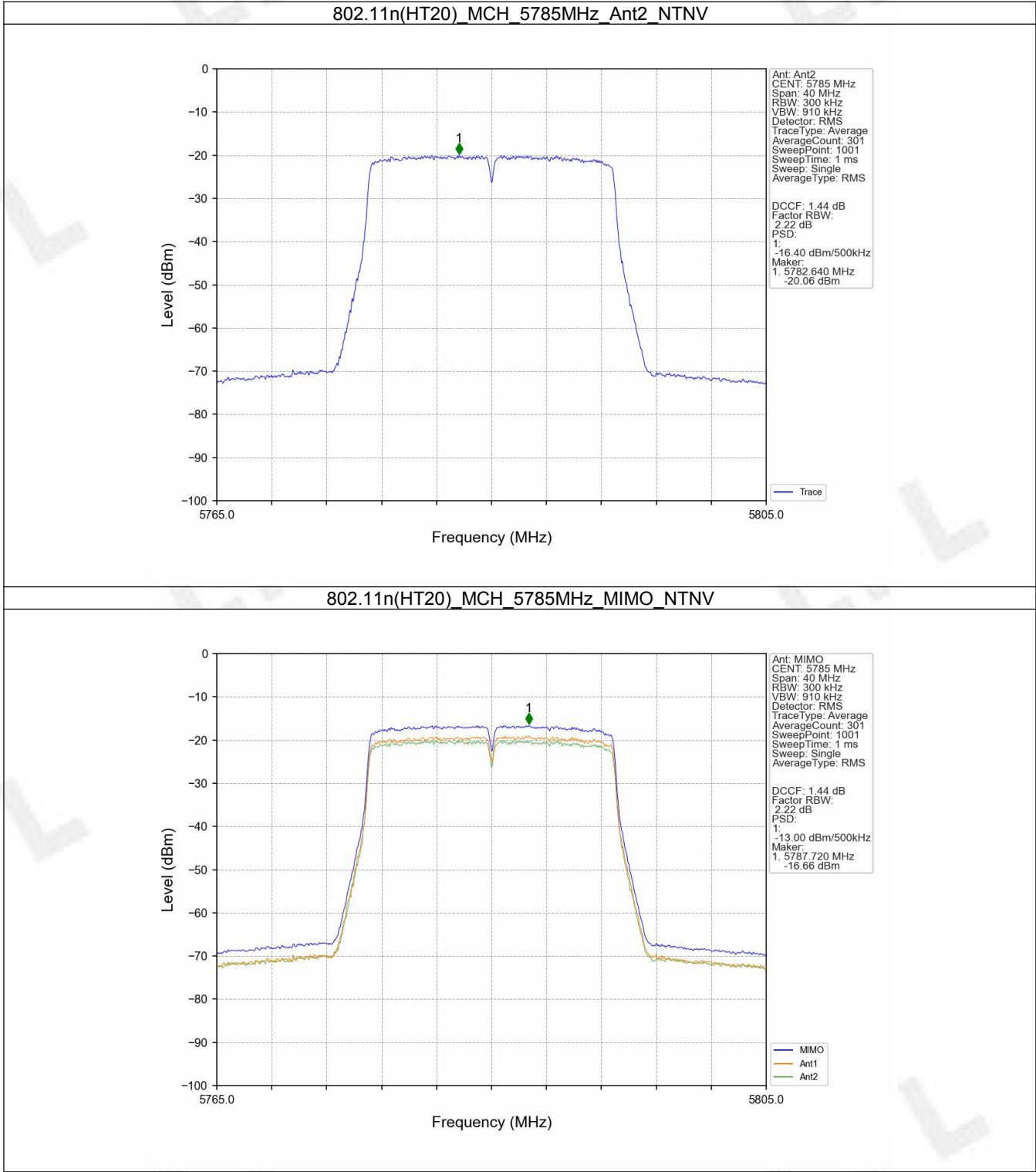
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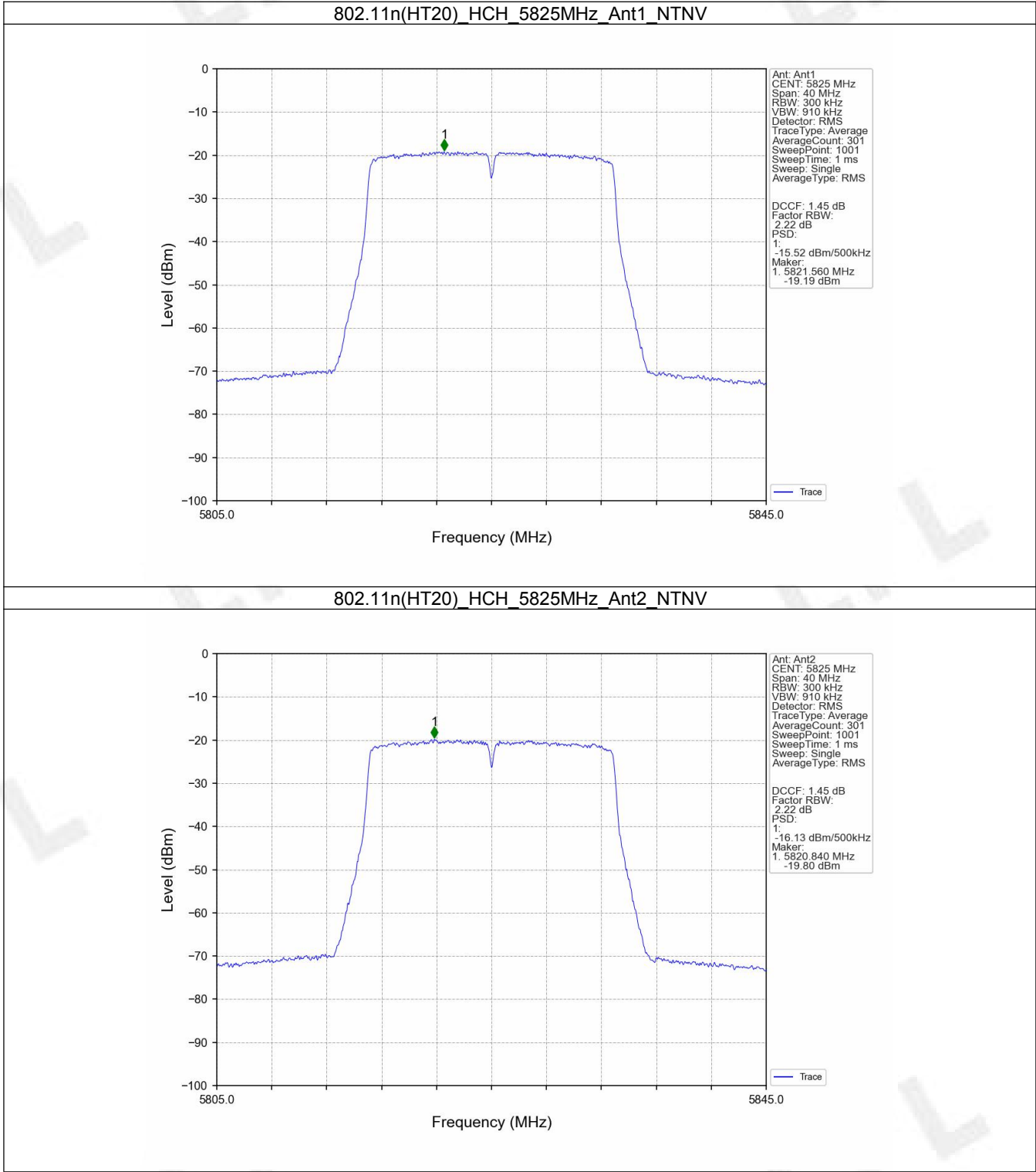
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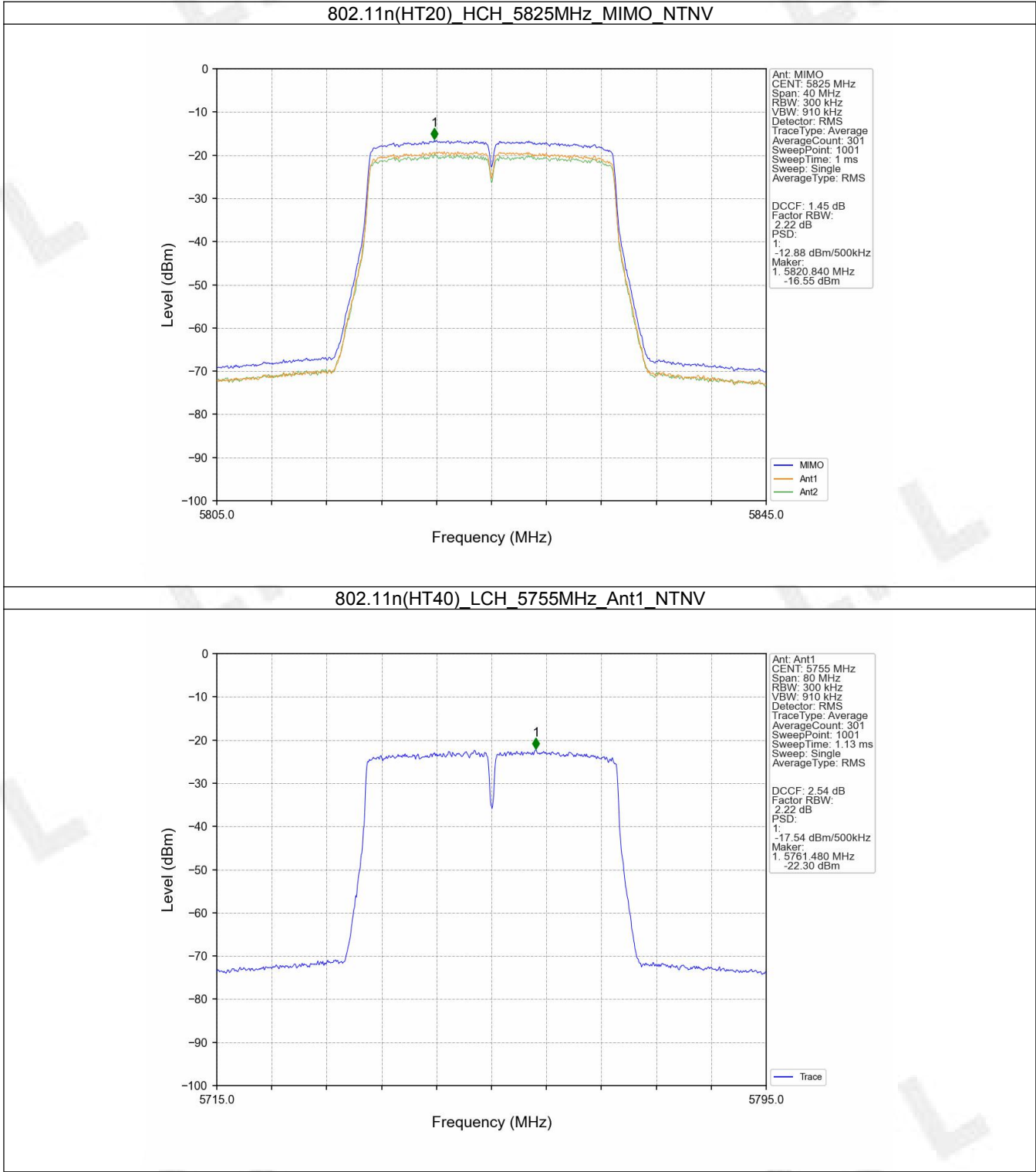
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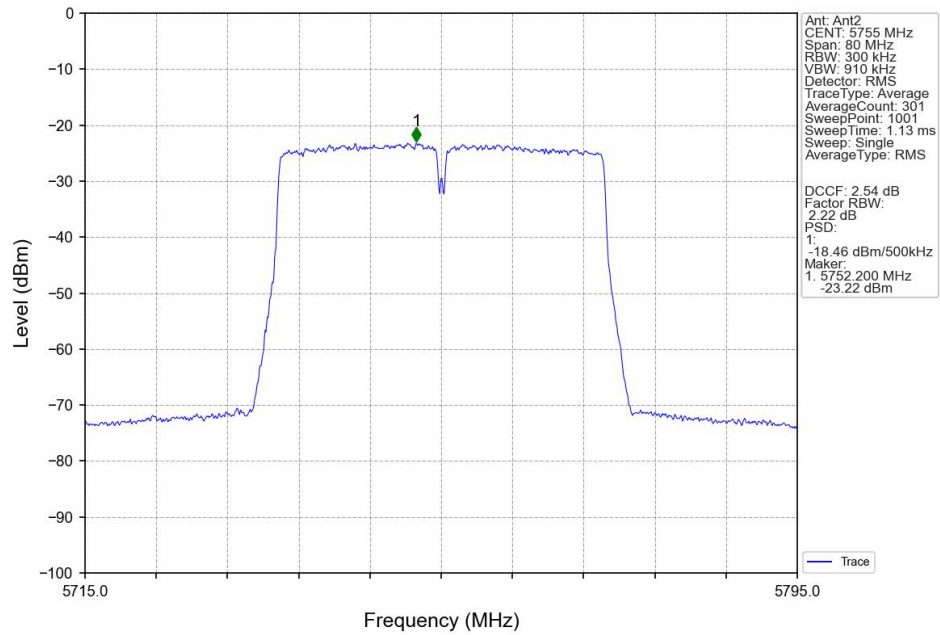


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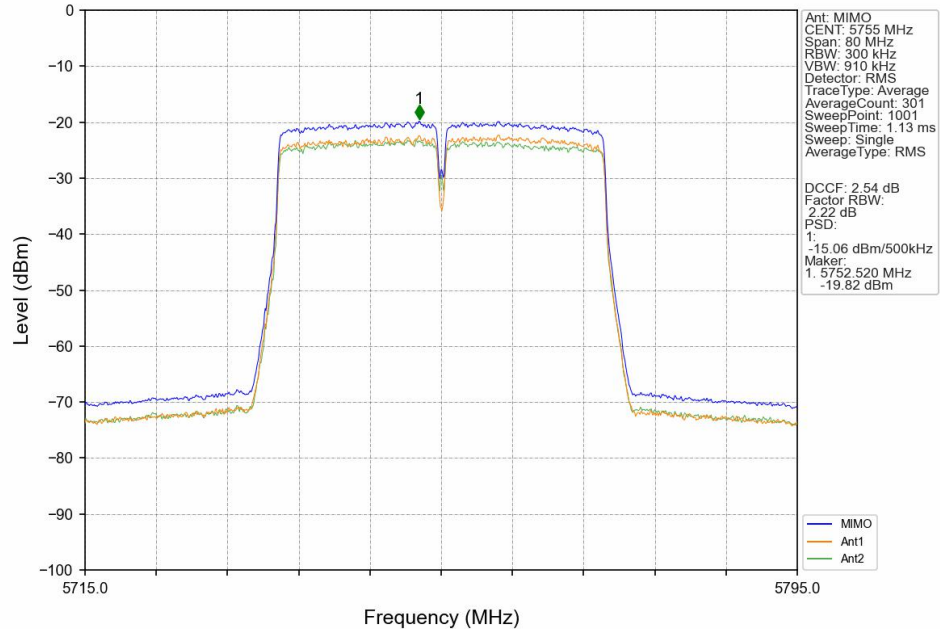


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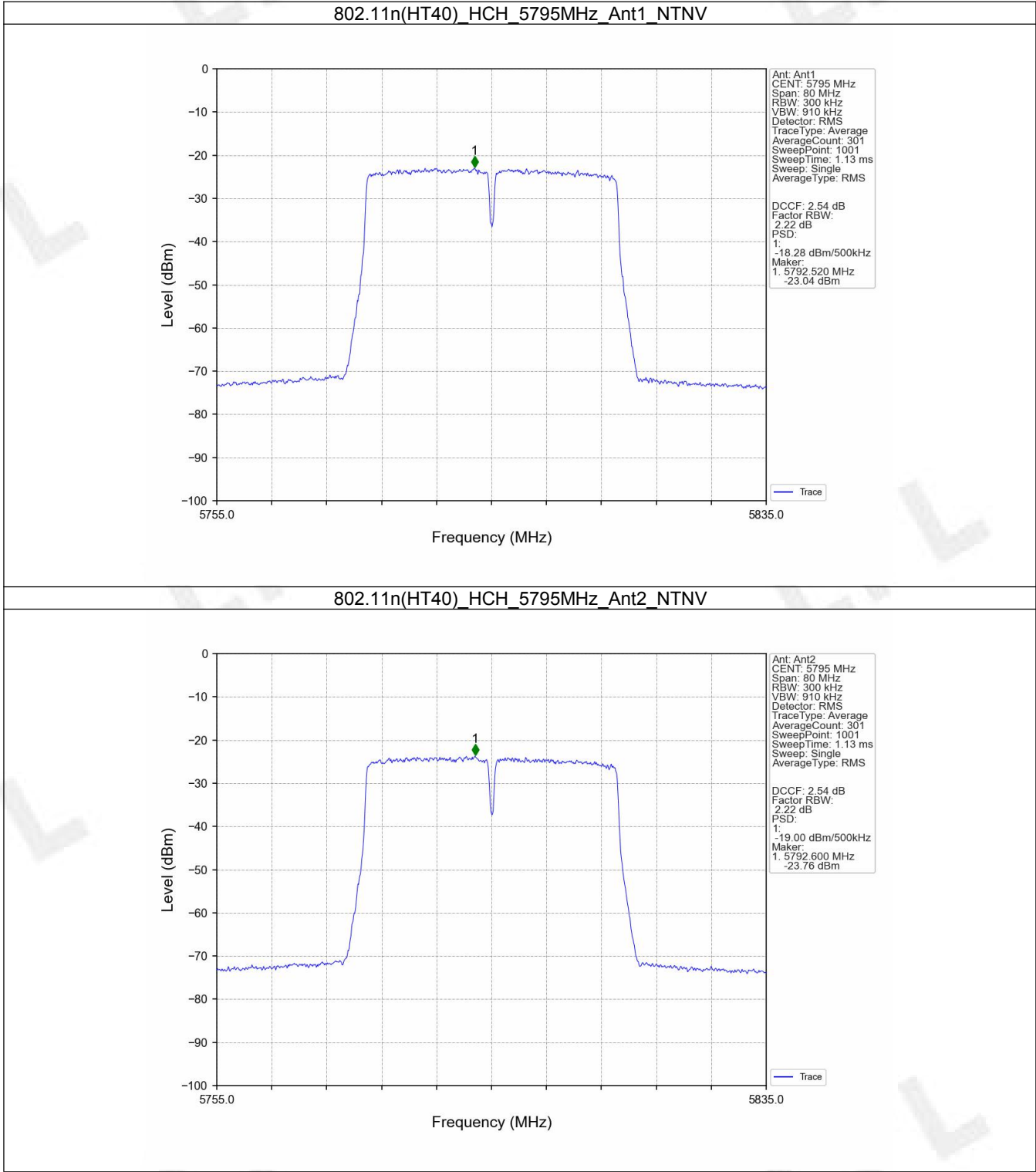
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



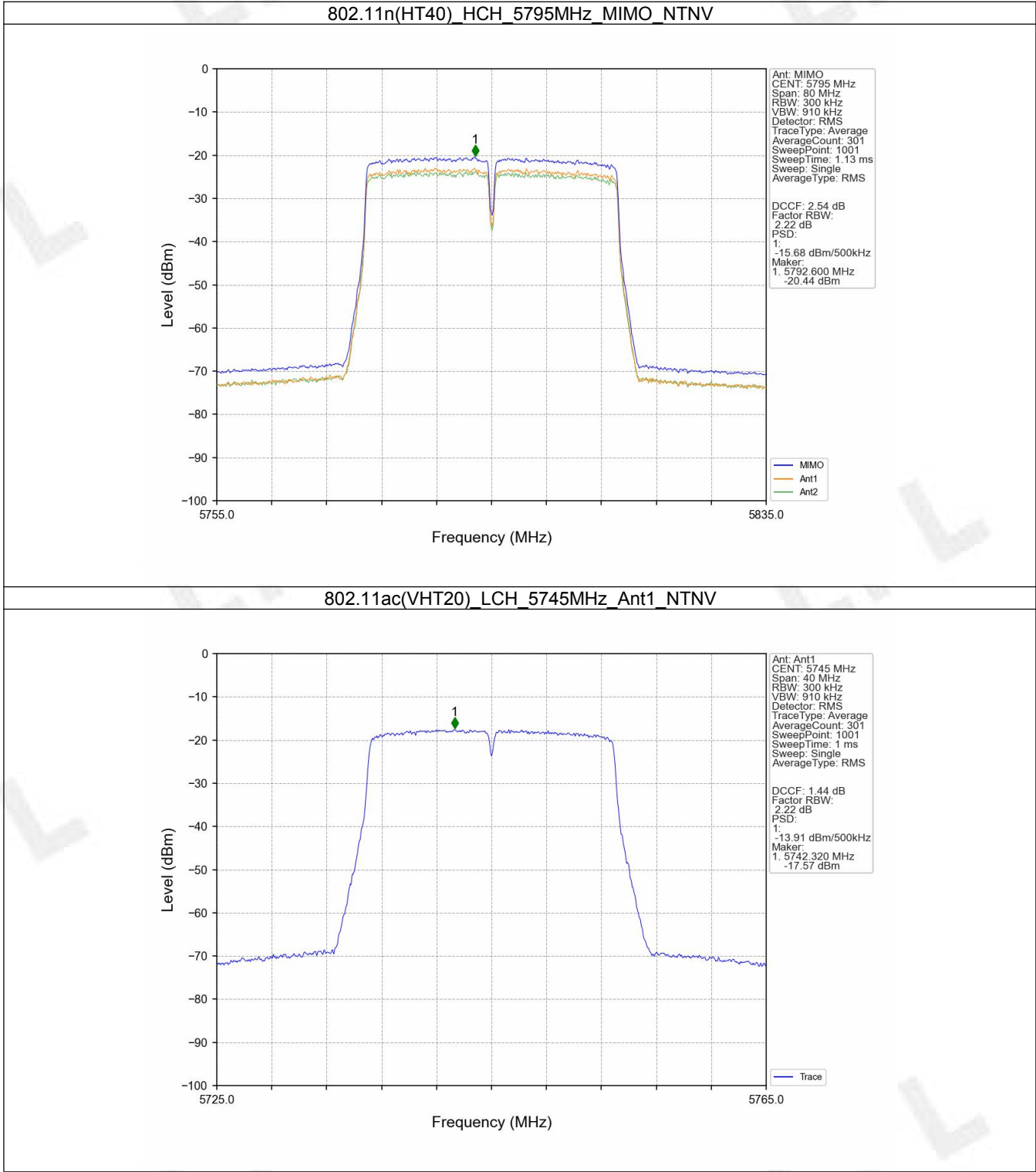
802.11n(HT40)_LCH_5755MHz_MIMO_NTNV



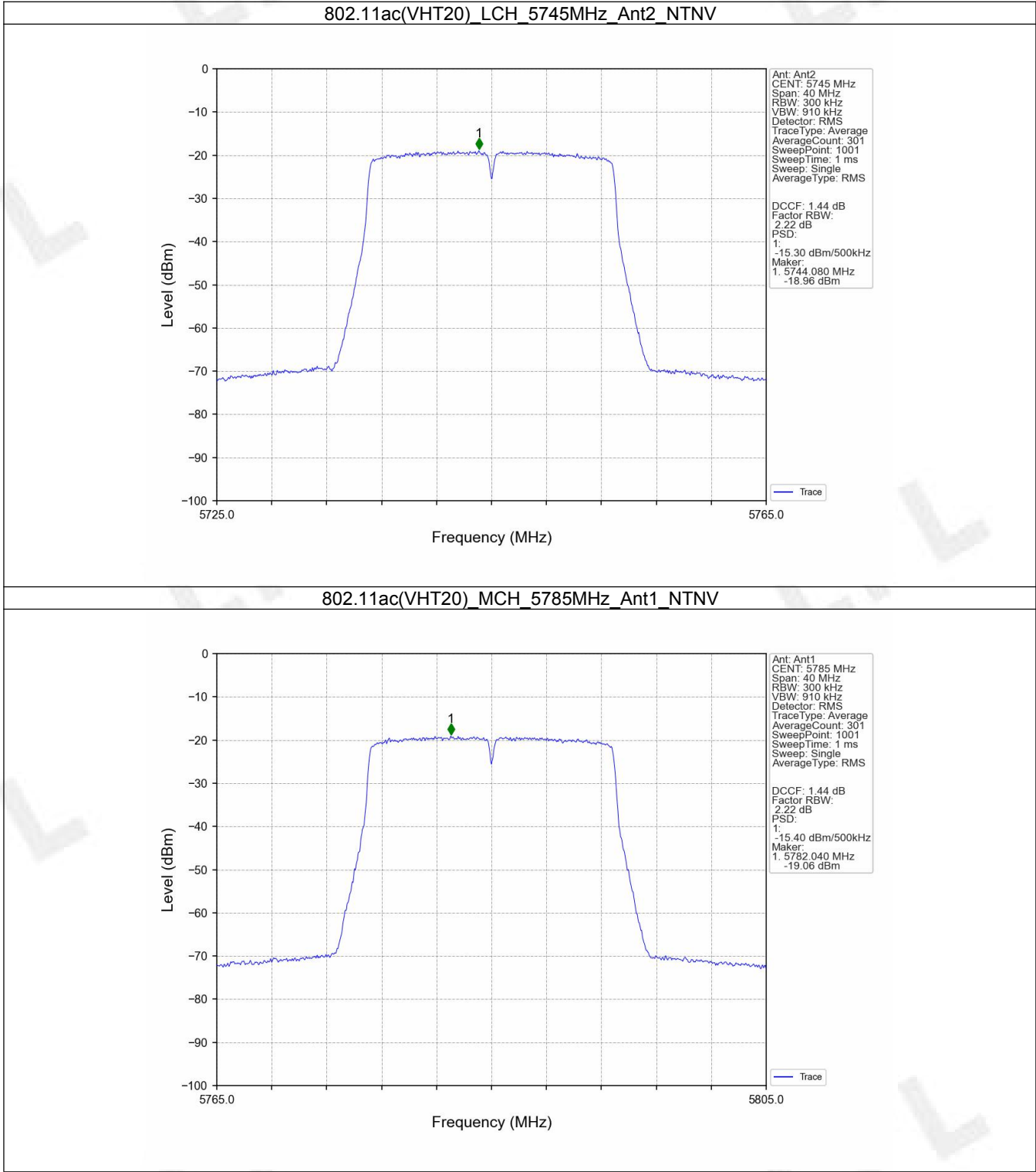
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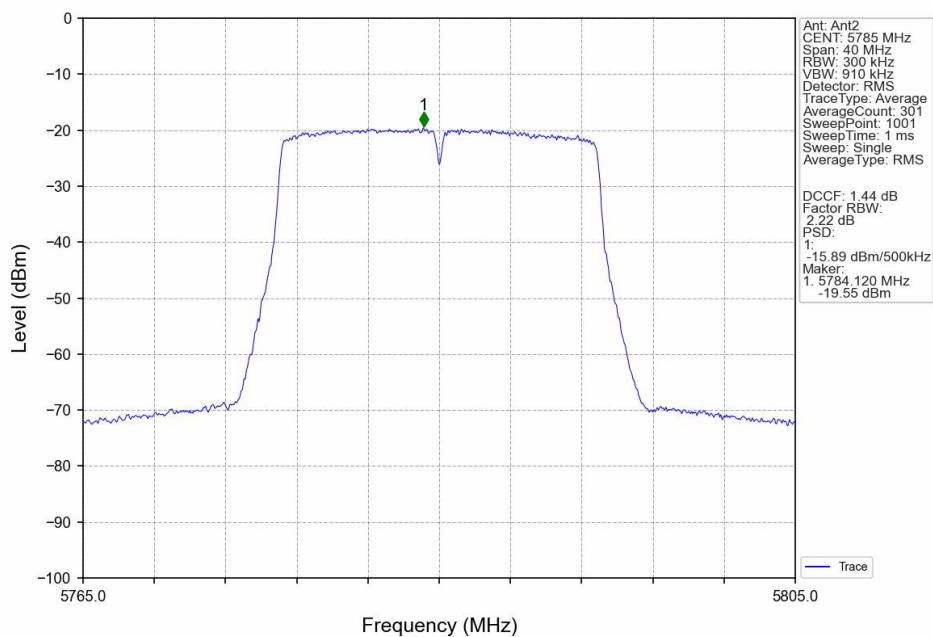


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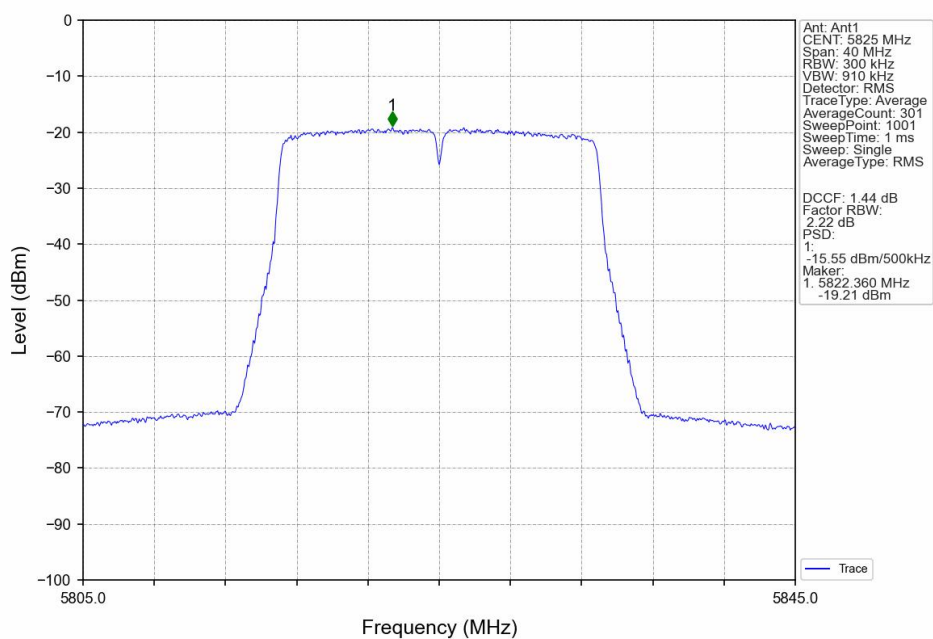


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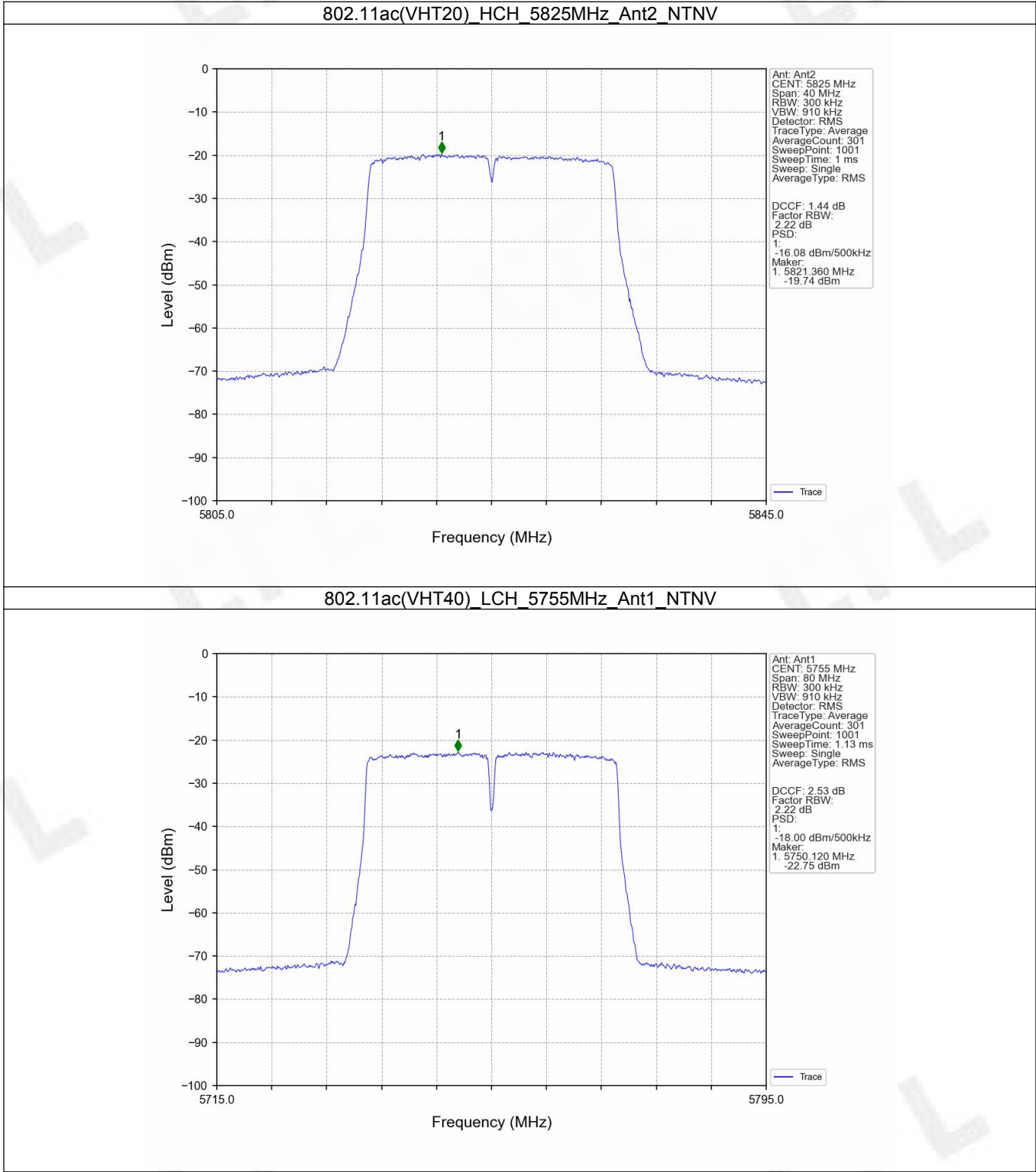
802.11ac(VHT20) MCH_5785MHz_Ant2_NTNV



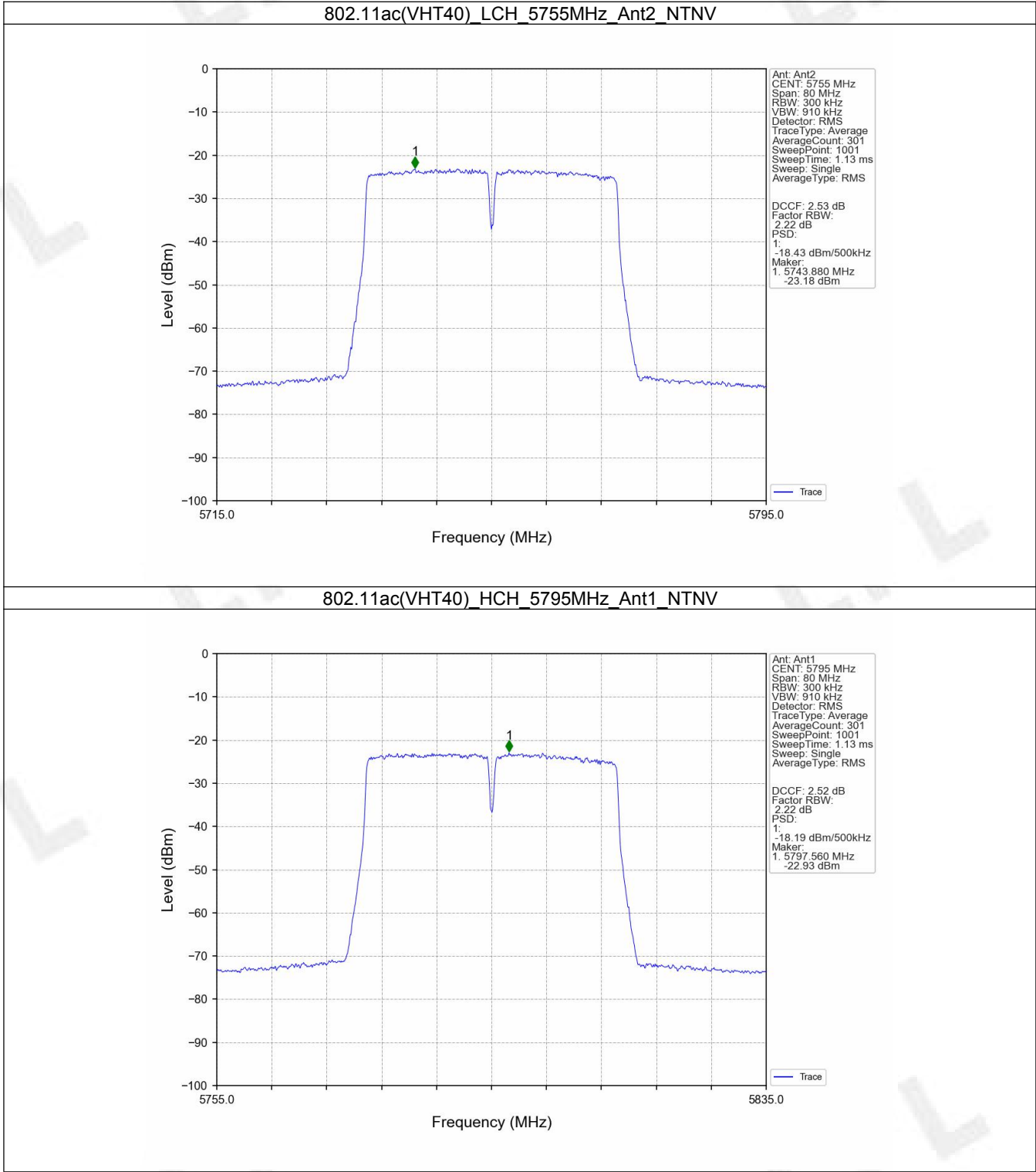
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



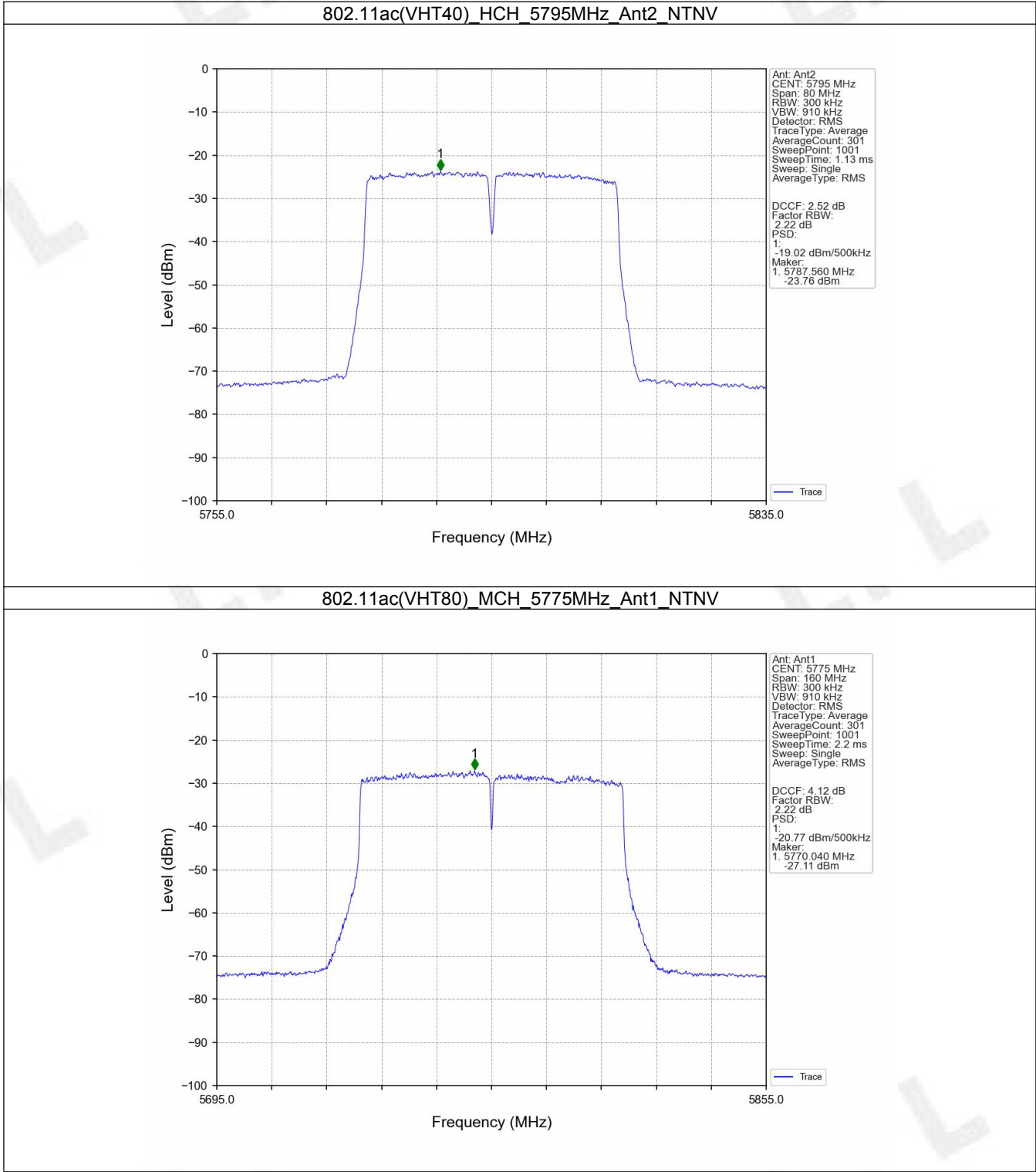
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