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Annex for 5G Wi-Fi Band 2A

Test Report No.: CTL2603054071-WF02

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FCC ID: 2AUR8-EBOMINI

1. Duty Cycle

1.1 Test Result

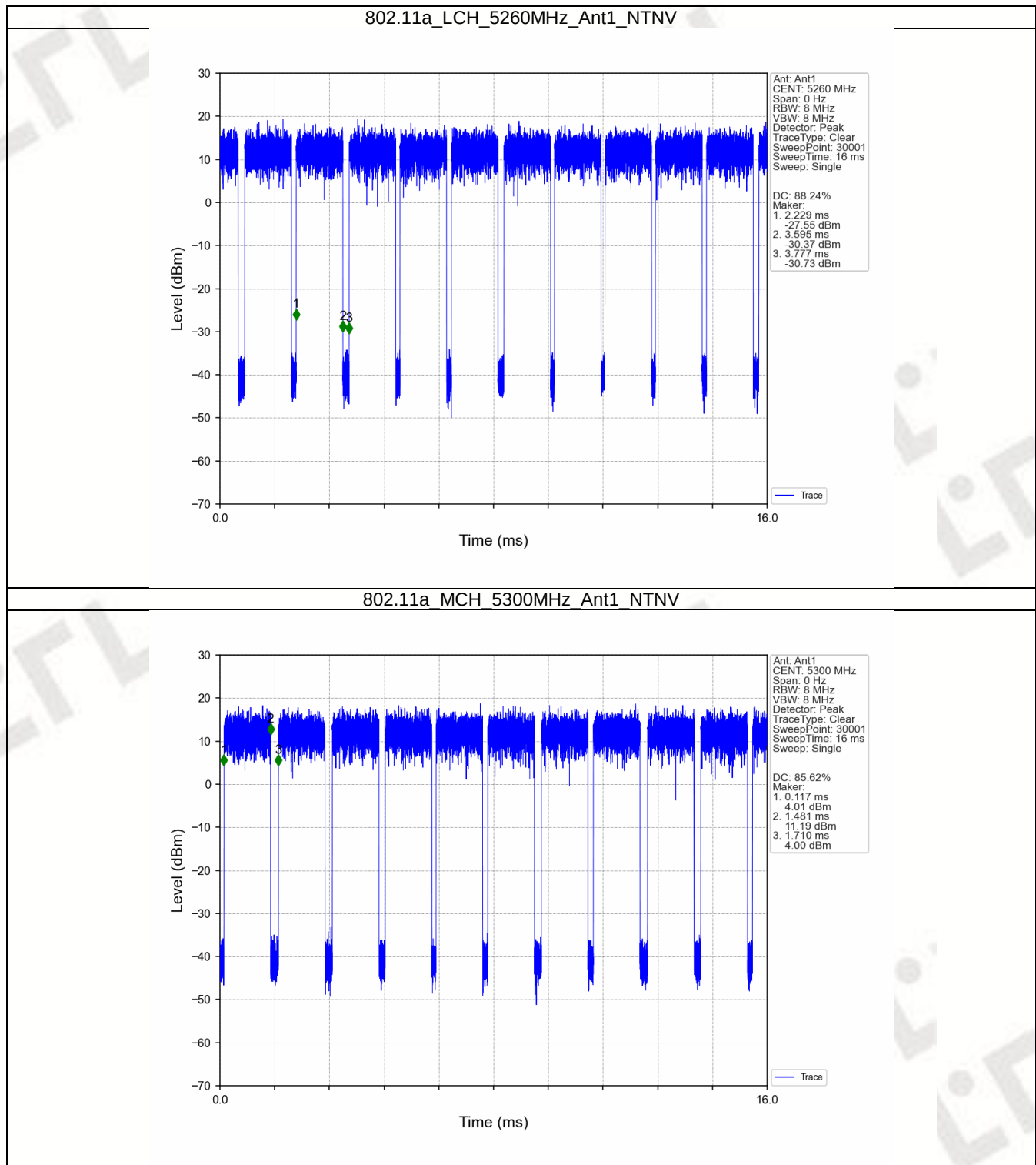
1.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5260	/	/	1.366	1.548	88.24	0.54	4.31
		5300	/	/	1.364	1.593	85.62	0.67	6.21
		5320	/	/	1.366	1.575	86.73	0.62	5.85
802.11n (HT20)	SISO	5260	/	/	1.278	1.487	85.94	0.66	6.17
		5300	/	/	1.278	1.596	80.08	0.97	9.65
		5320	/	/	1.278	1.469	87.00	0.60	4.49
802.11ac (VHT20)	SISO	5260	/	/	1.286	1.587	81.03	0.91	11.09
		5300	/	/	1.286	1.463	87.90	0.56	7.00
		5320	/	/	1.285	1.494	86.01	0.65	6.14
802.11ax (HEW20)	SISO	5260	SU	/	0.996	1.234	80.71	0.93	9.15
		5300	SU	/	0.996	1.207	82.52	0.83	7.37
		5320	SU	/	0.996	1.207	82.52	0.83	5.95

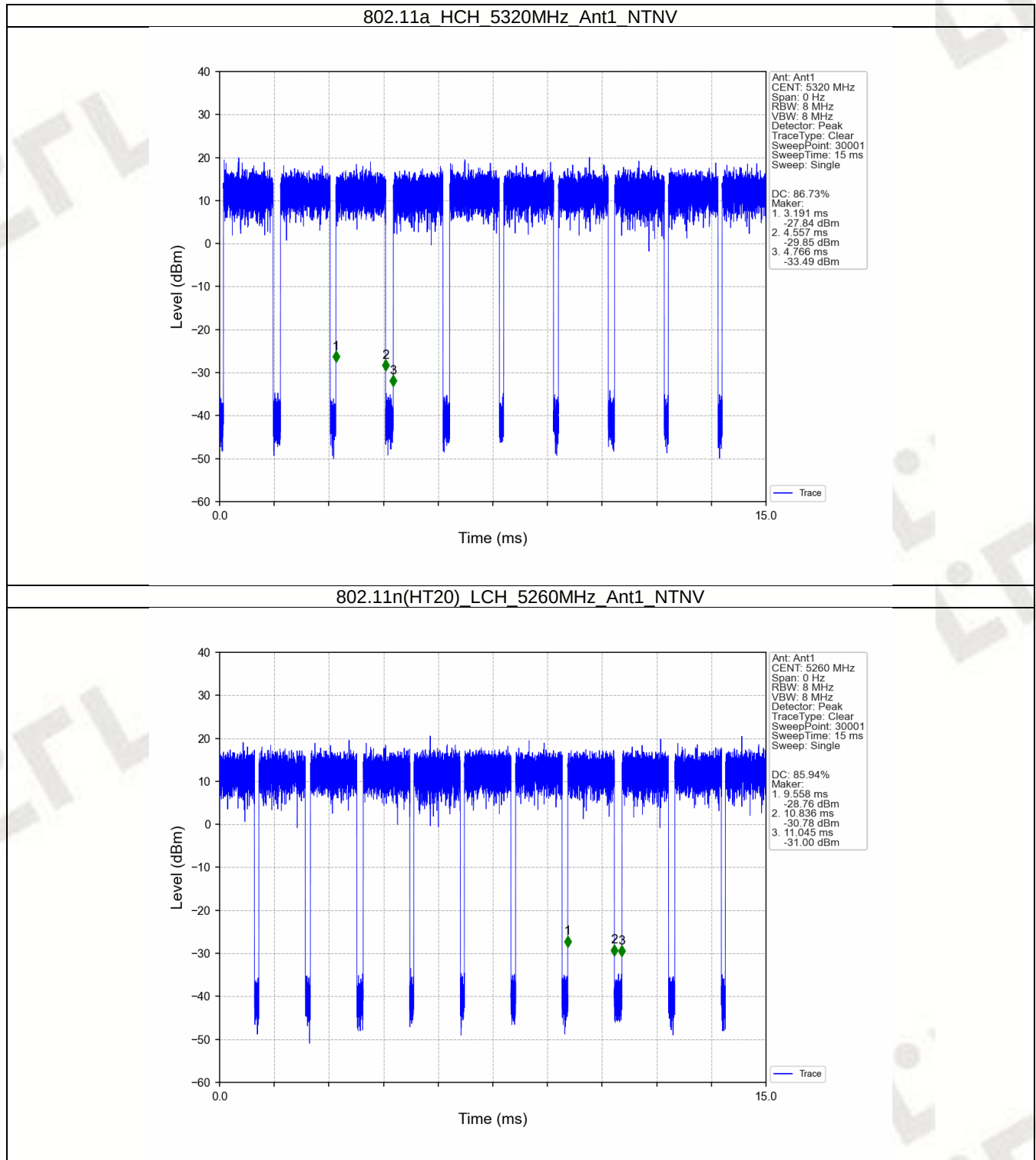
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1.2 Test Graph

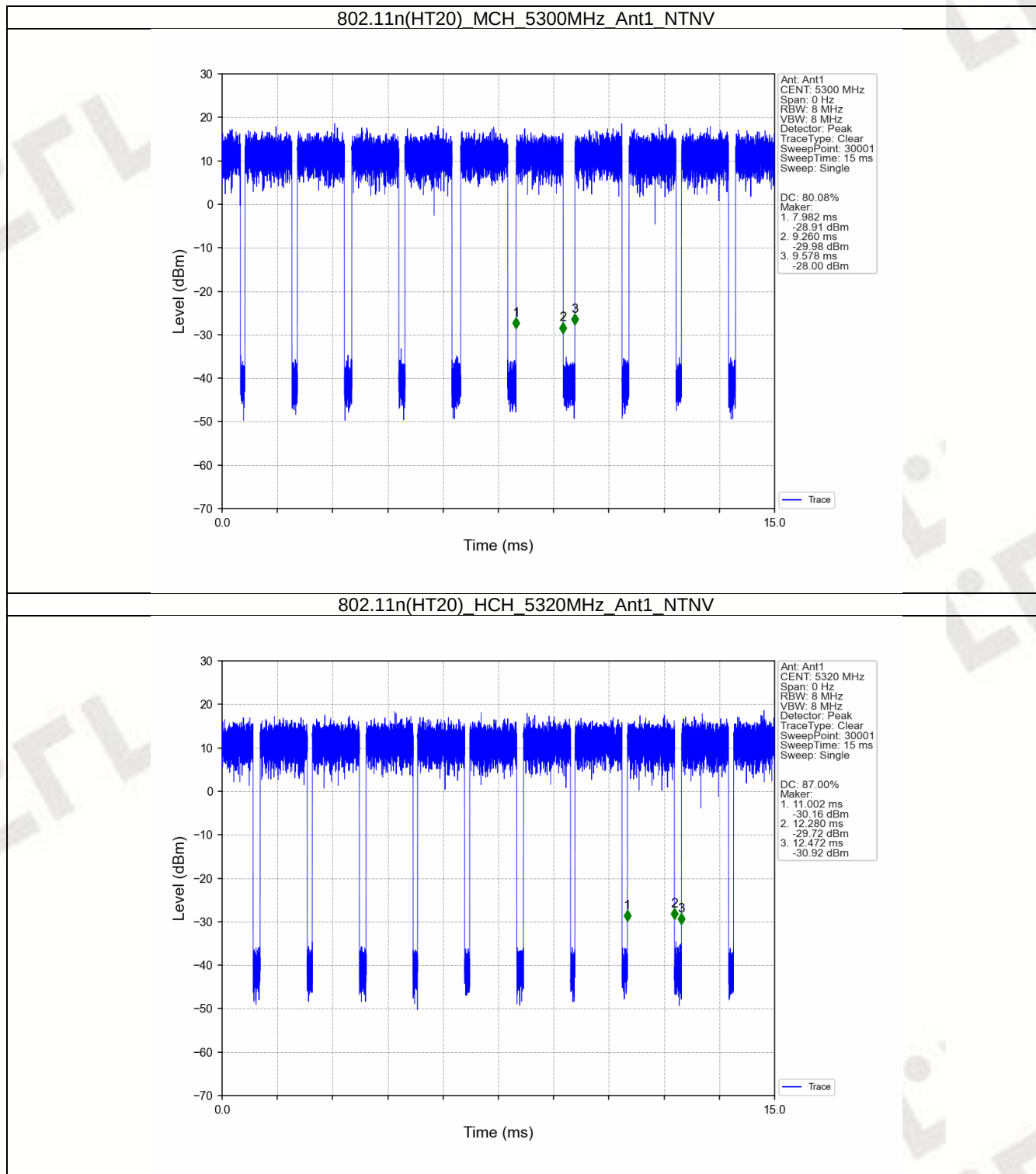
1.2.1 Ant1



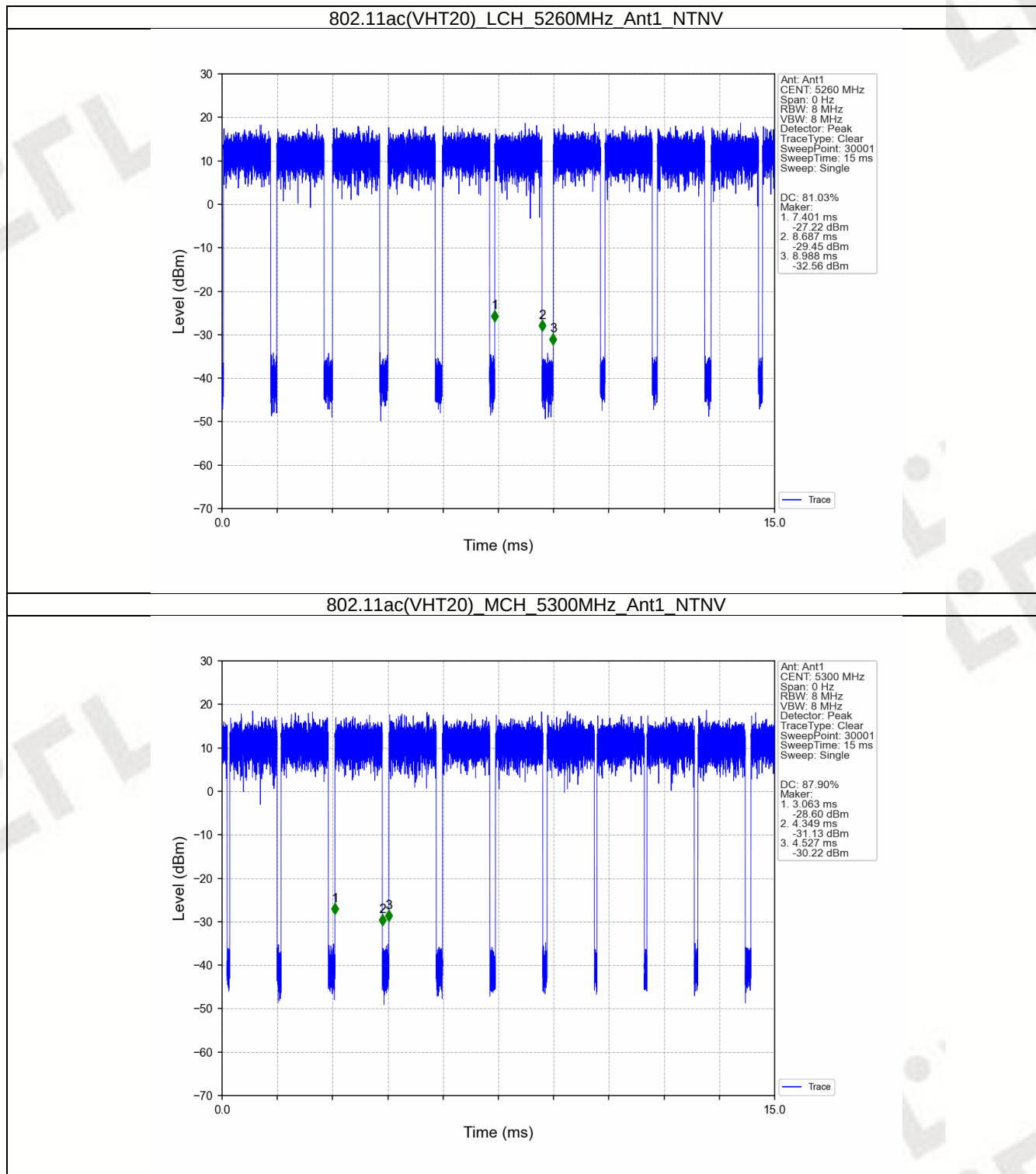
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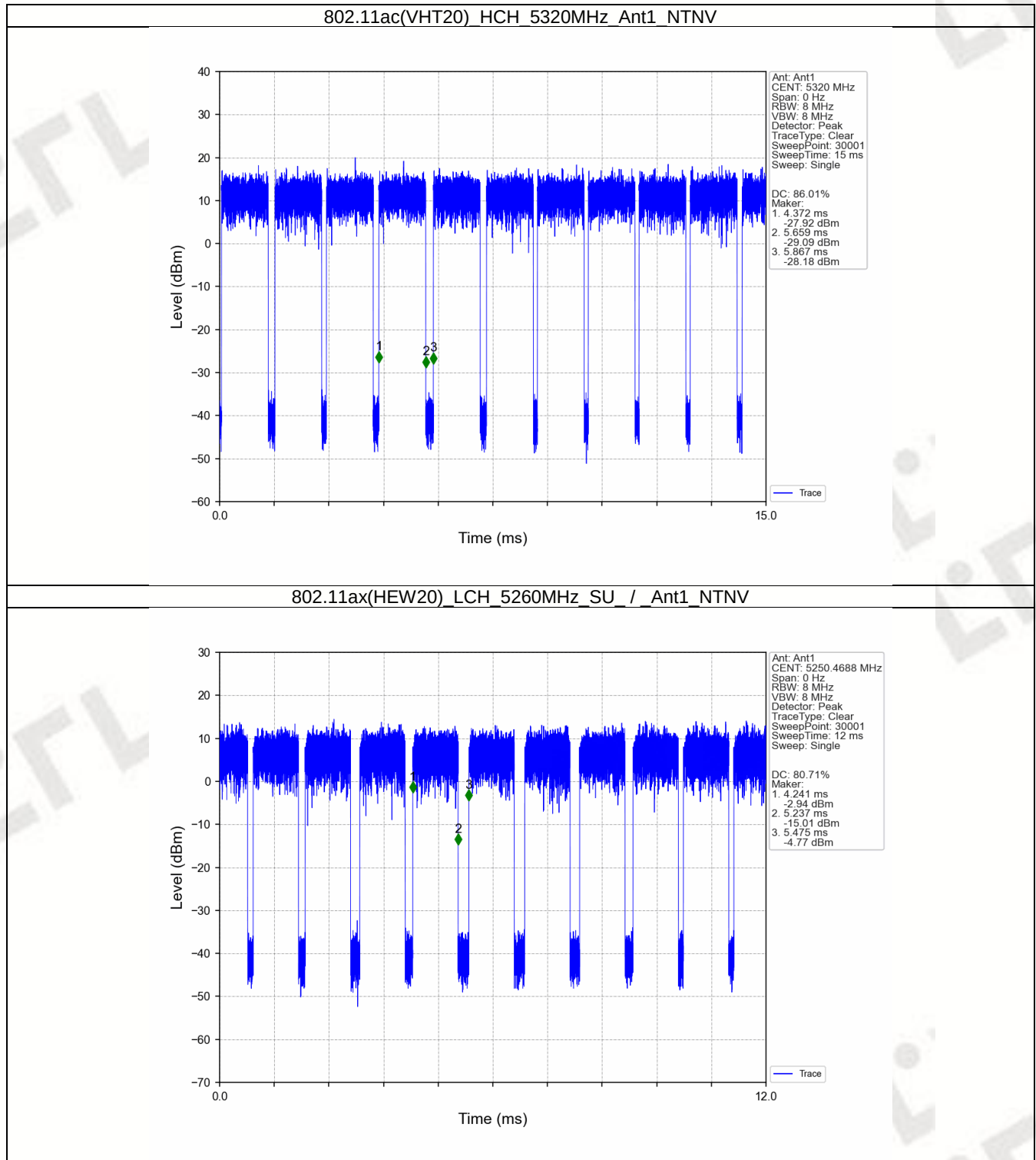
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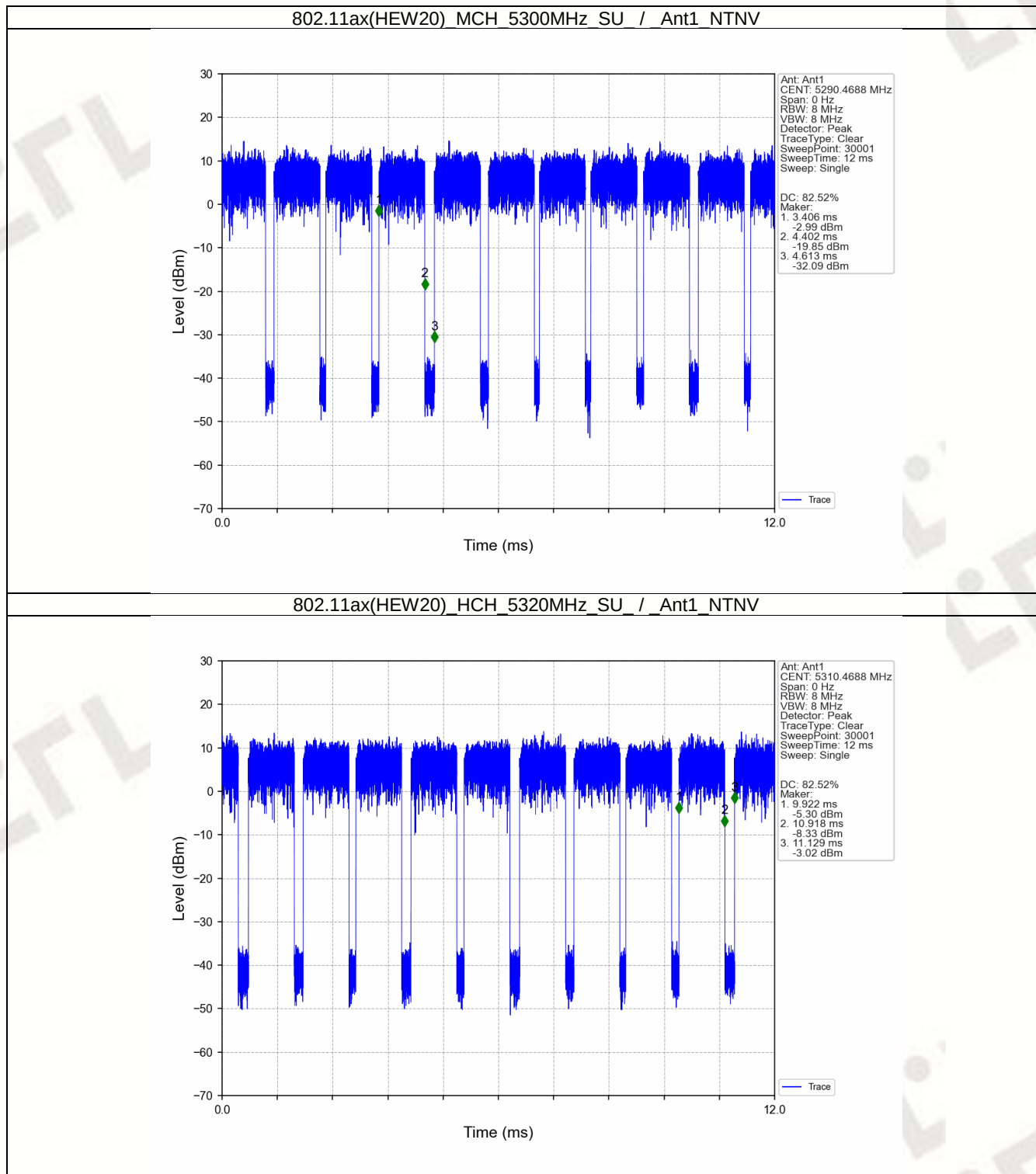
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2. Bandwidth

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	5260	/	/	1	16.718	/	Pass
		5300	/	/	1	16.694	/	Pass
		5320	/	/	1	16.699	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	17.887	/	Pass
		5300	/	/	1	17.911	/	Pass
		5320	/	/	1	17.866	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	17.888	/	Pass
		5300	/	/	1	17.901	/	Pass
		5320	/	/	1	17.931	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	19.090	/	Pass
		5300	SU	/	1	19.059	/	Pass
		5320	SU	/	1	19.076	/	Pass

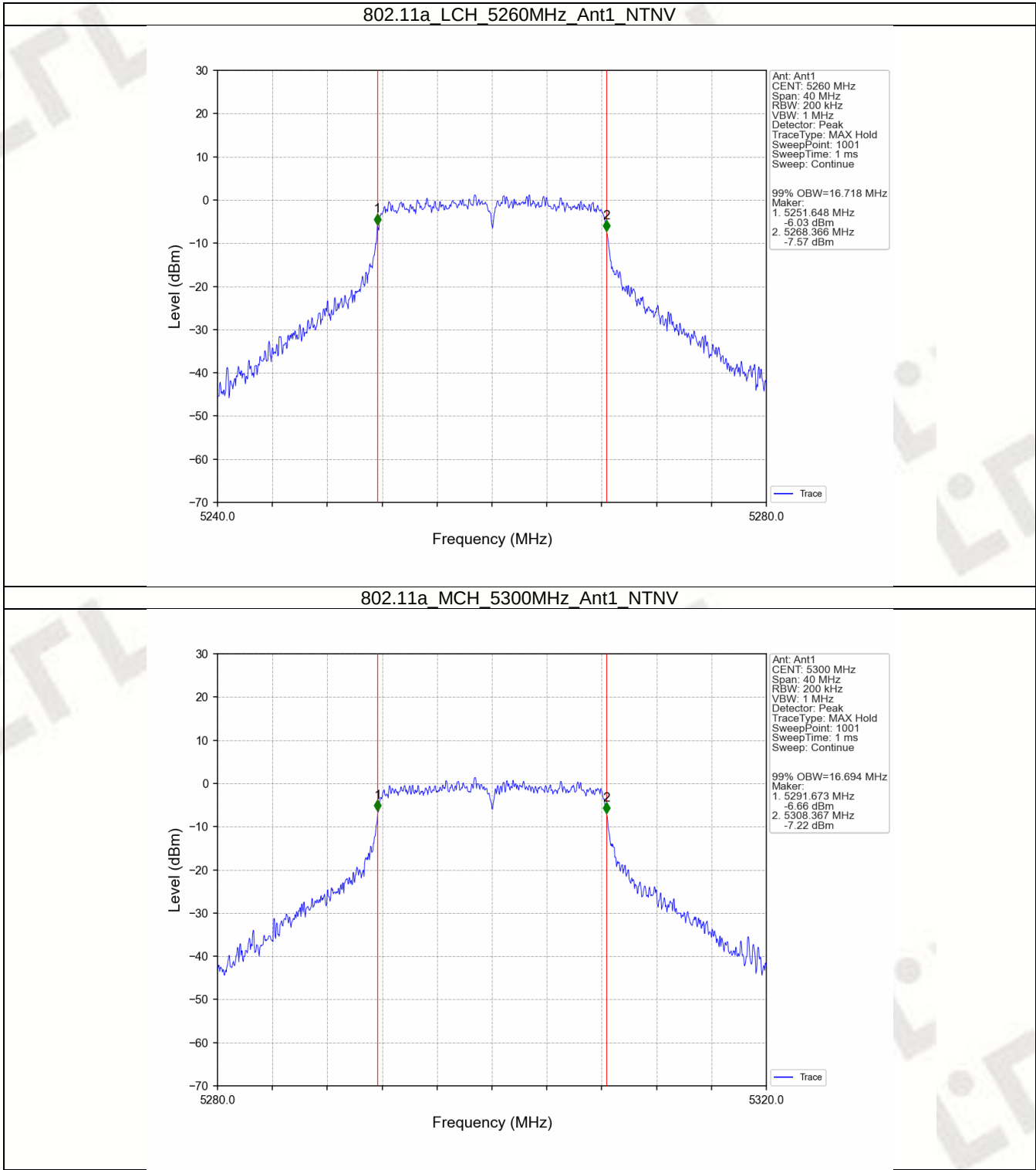
2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	25.072	/	Pass
		5300	/	/	1	25.409	/	Pass
		5320	/	/	1	25.215	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	25.834	/	Pass
		5300	/	/	1	26.088	/	Pass
		5320	/	/	1	26.073	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	26.803	/	Pass
		5300	/	/	1	26.327	/	Pass
		5320	/	/	1	25.794	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	24.556	/	Pass
		5300	SU	/	1	24.857	/	Pass
		5320	SU	/	1	25.481	/	Pass

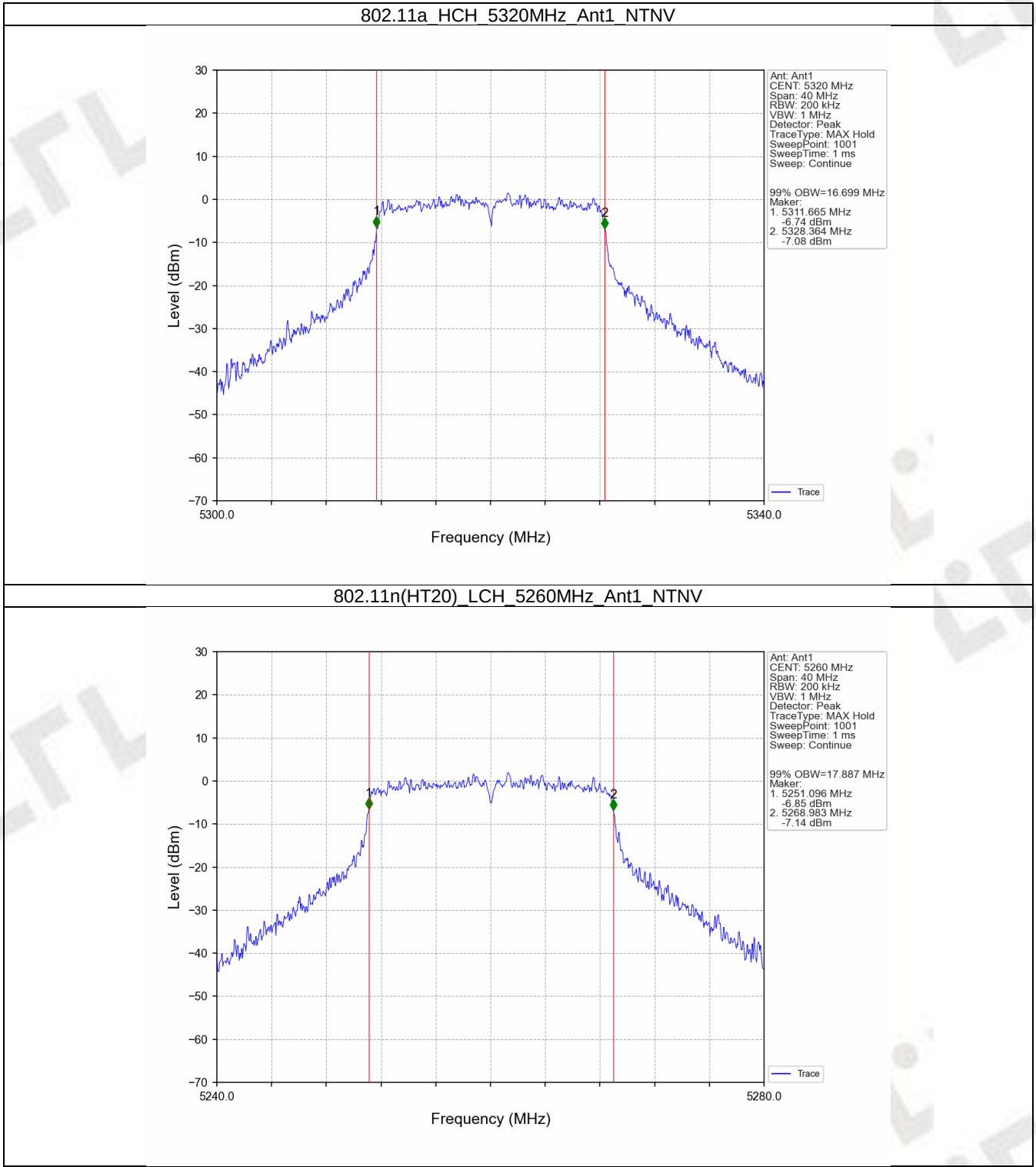
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2.2 Test Graph

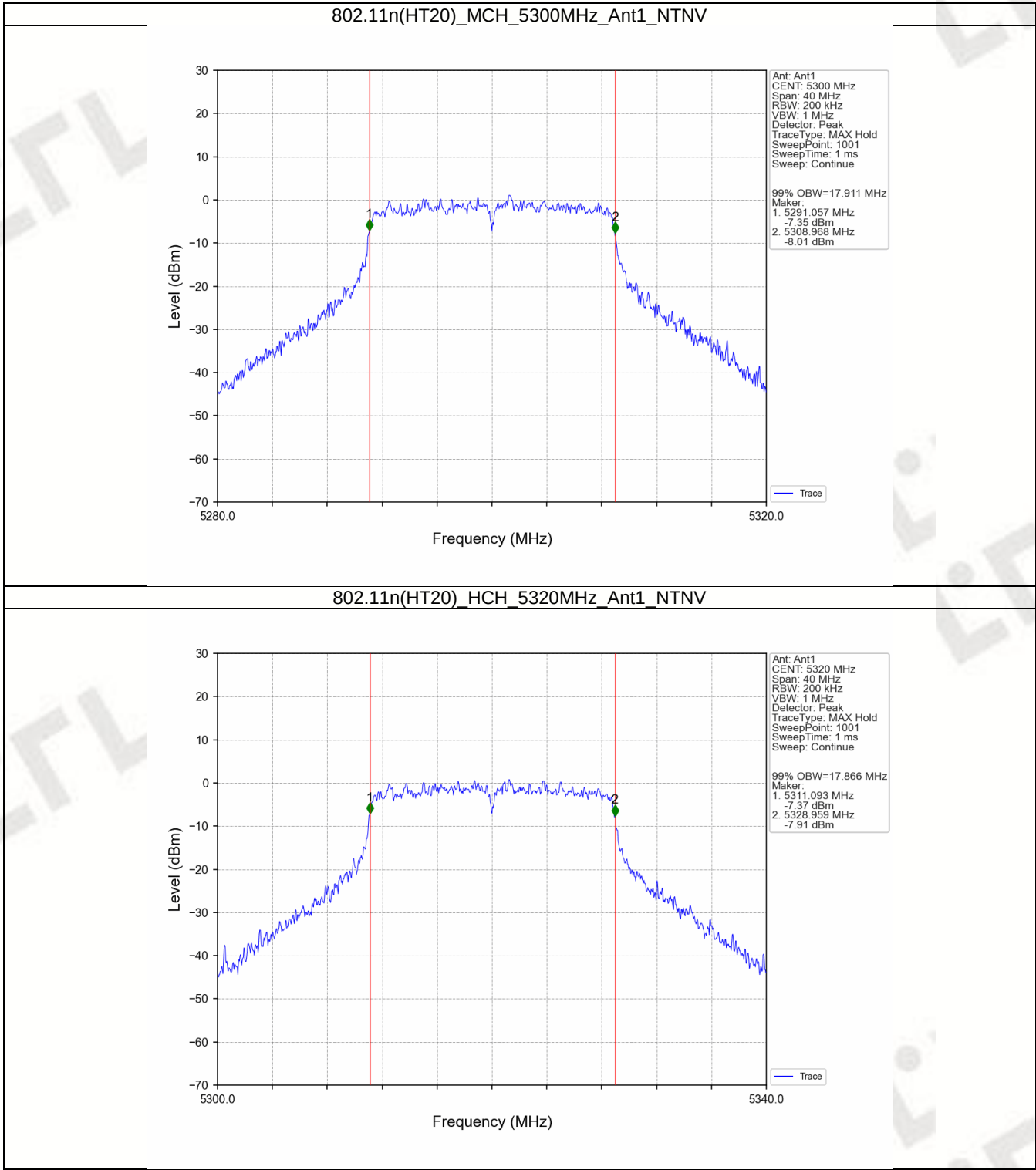
2.2.1 OBW



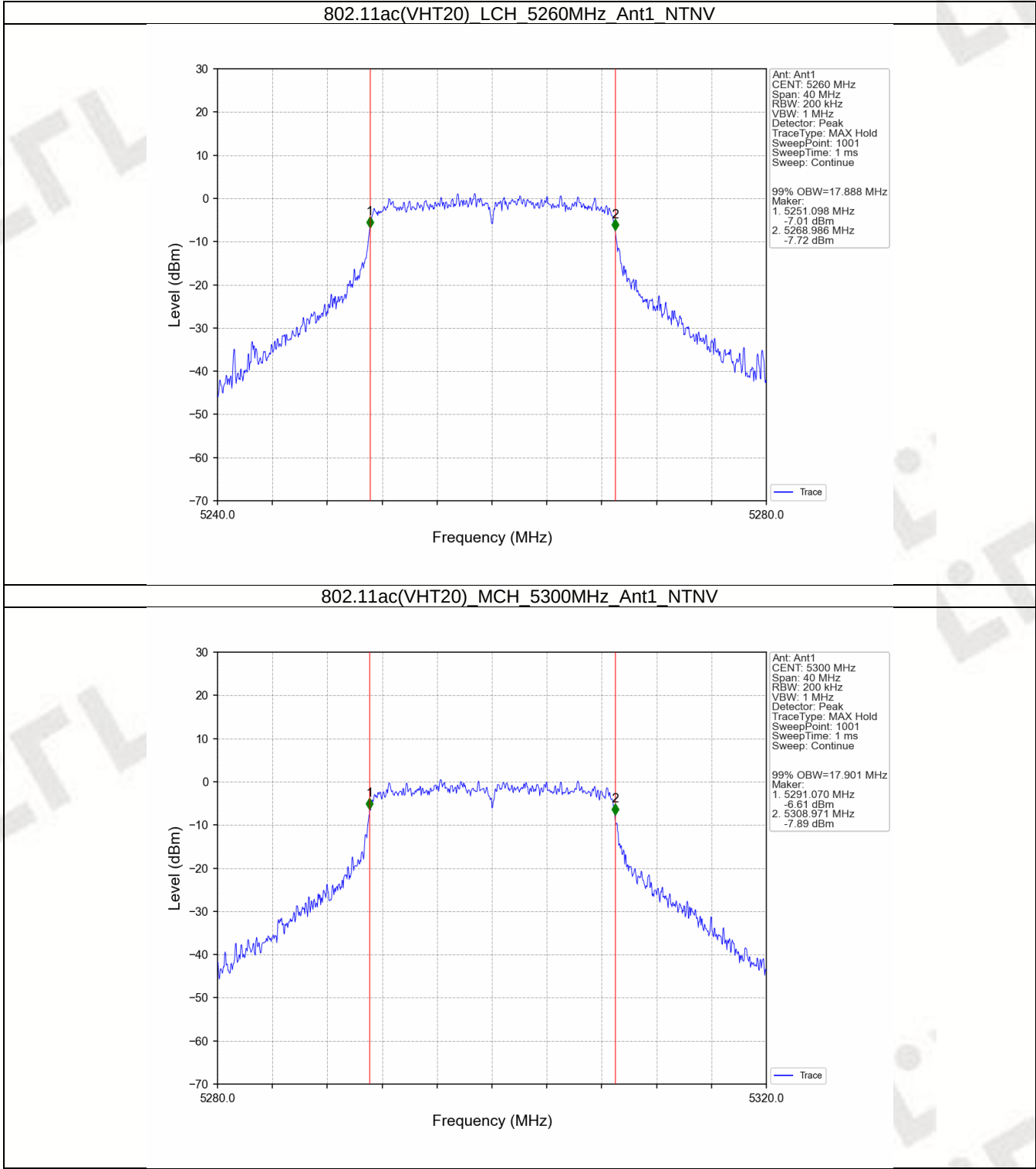
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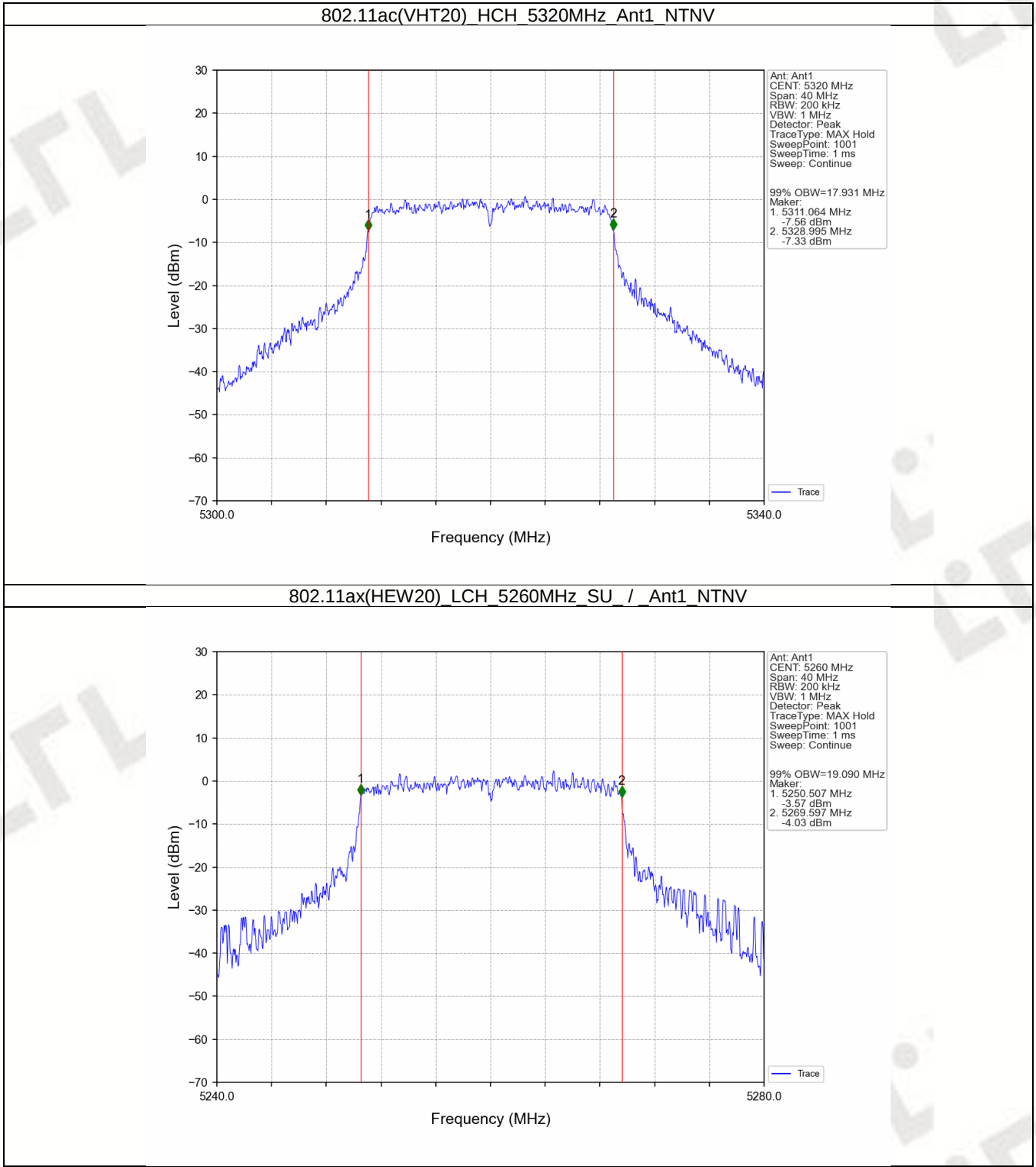
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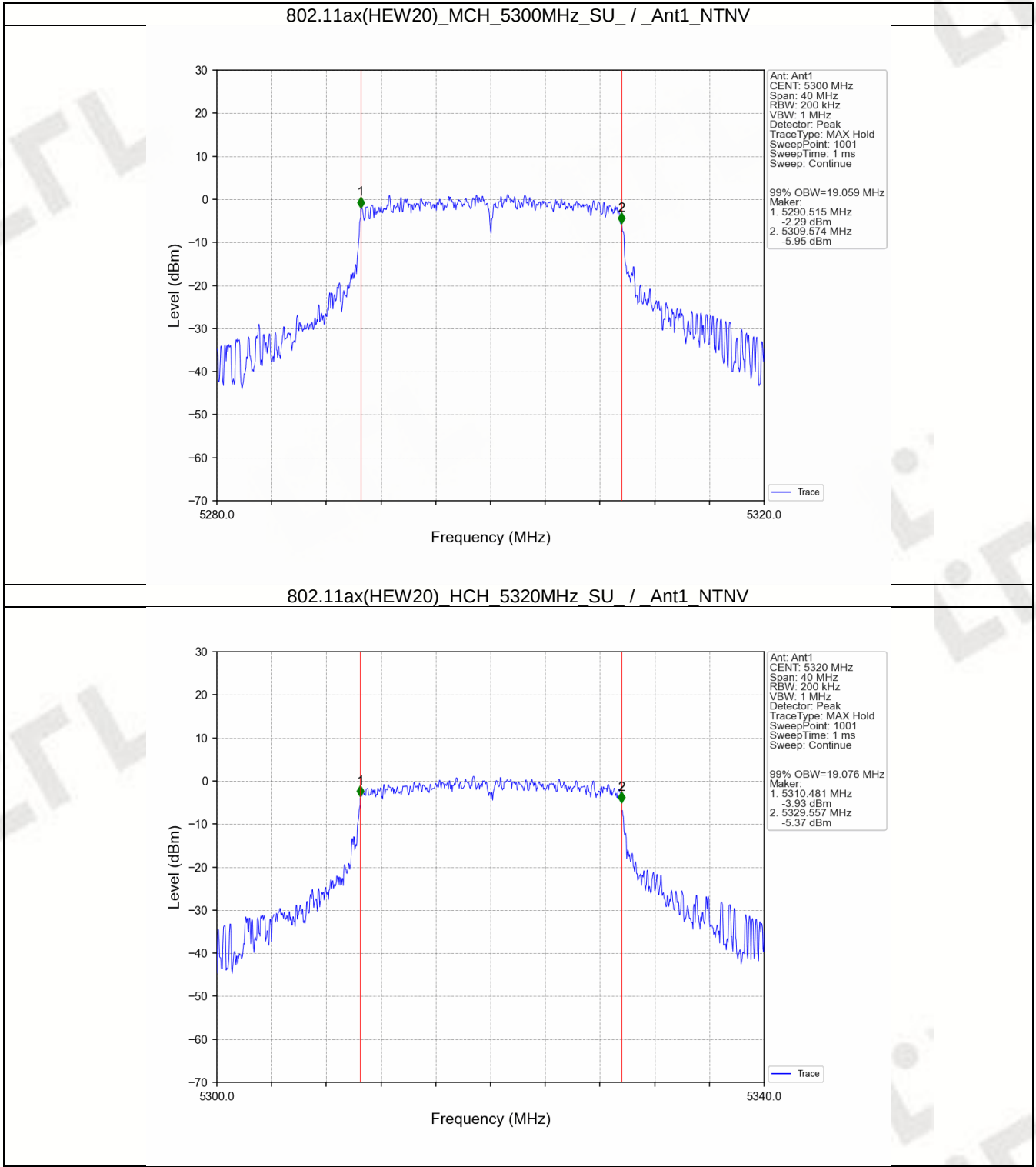
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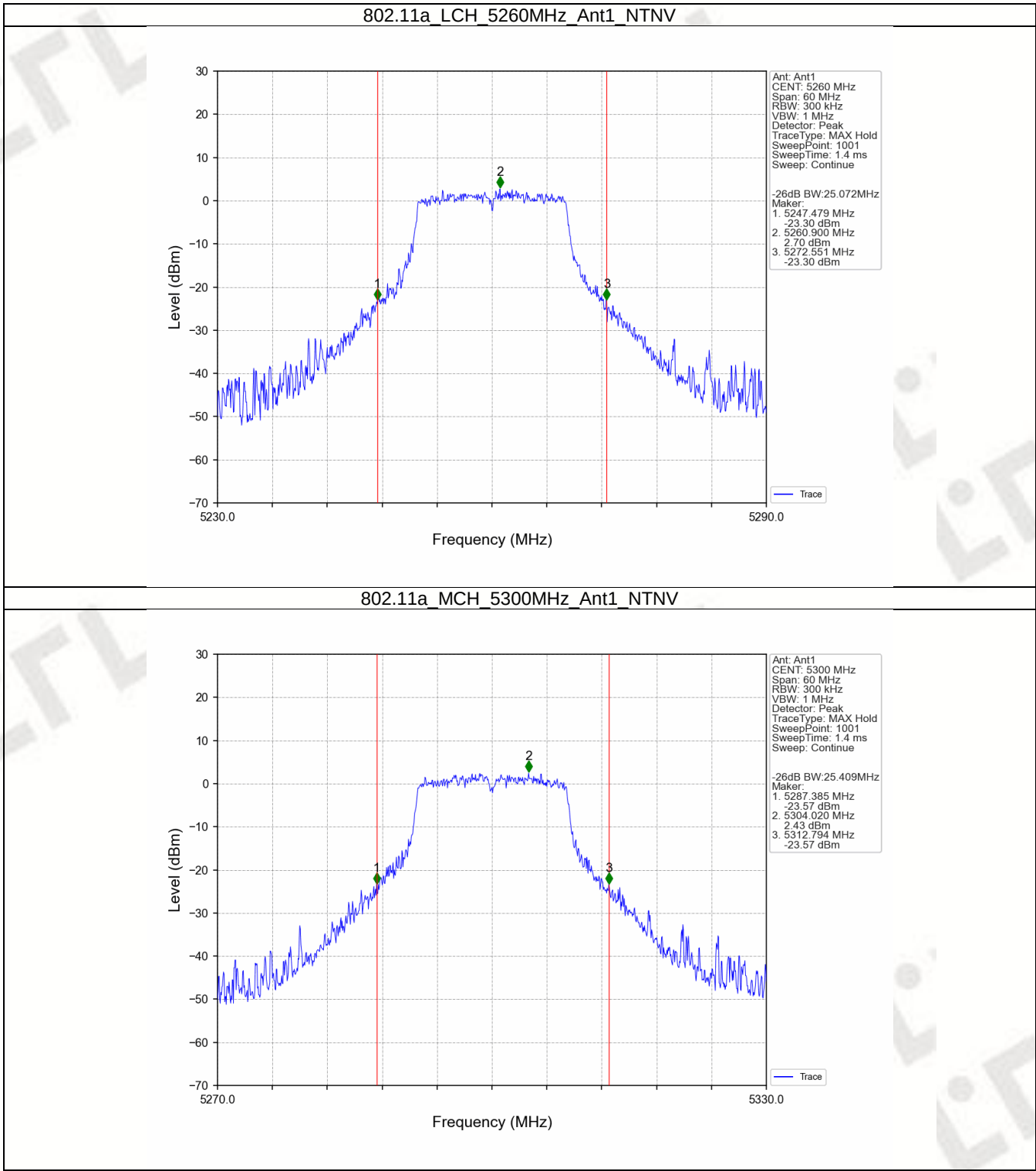


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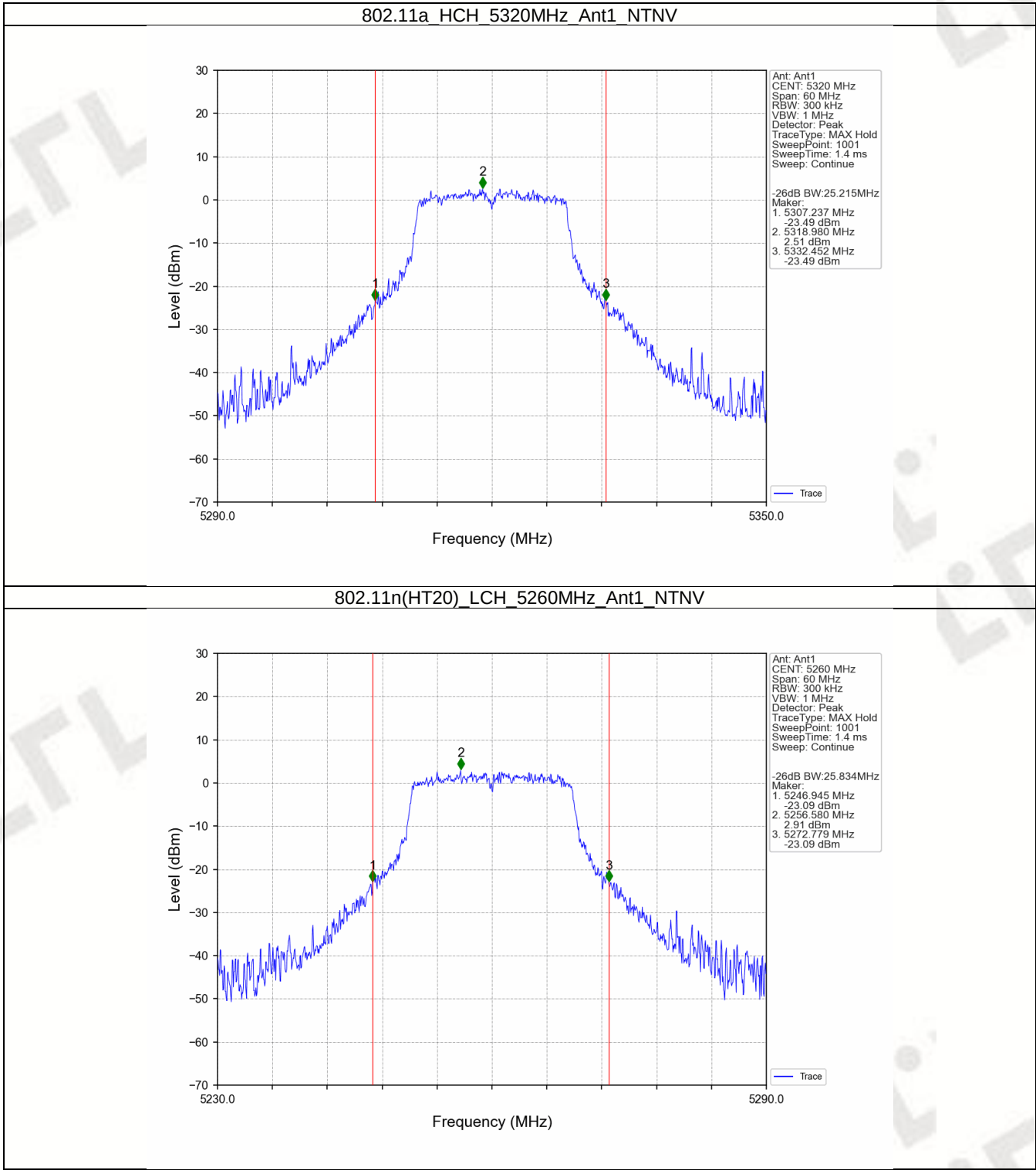


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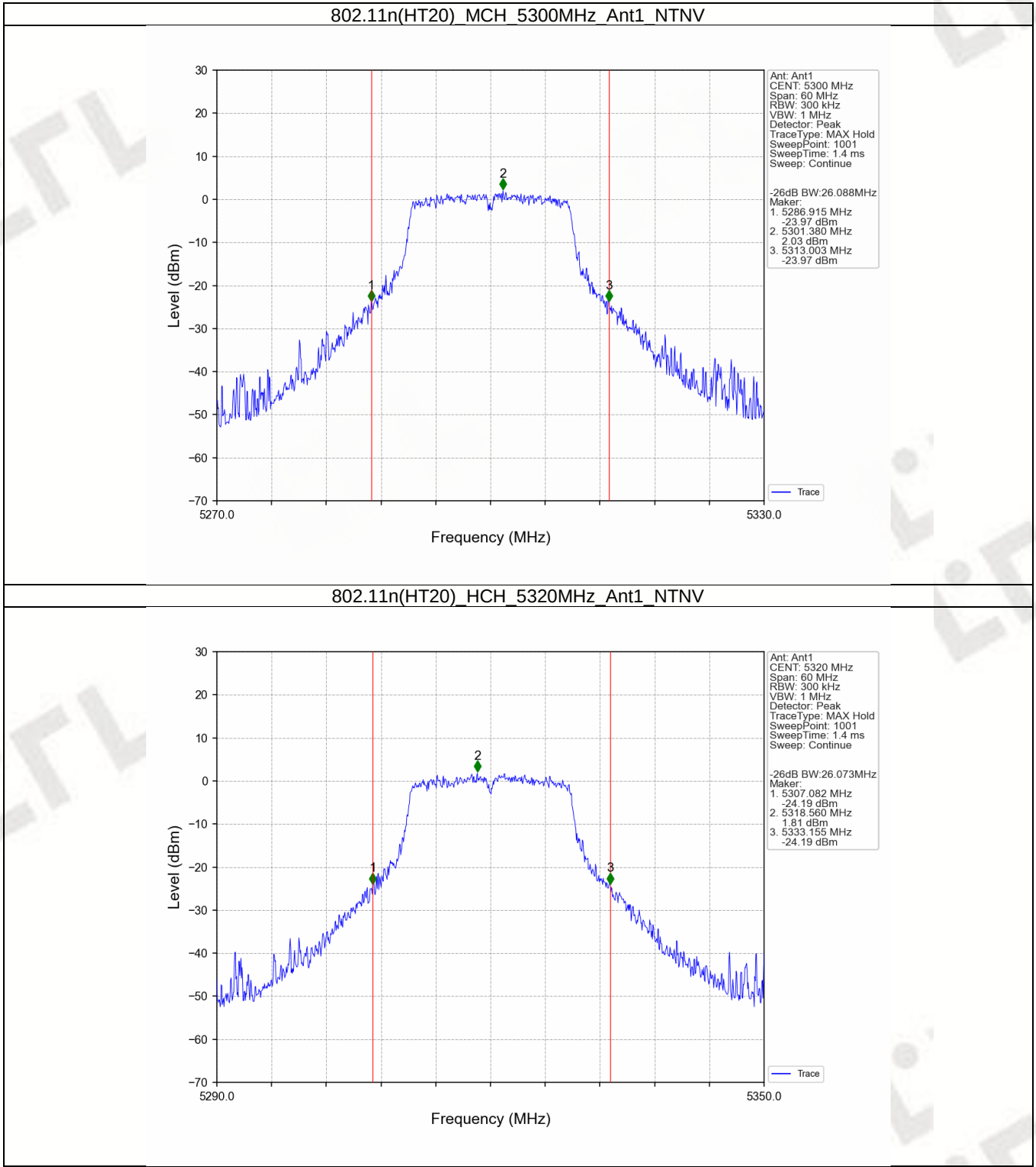
2.2.2 26dB BW



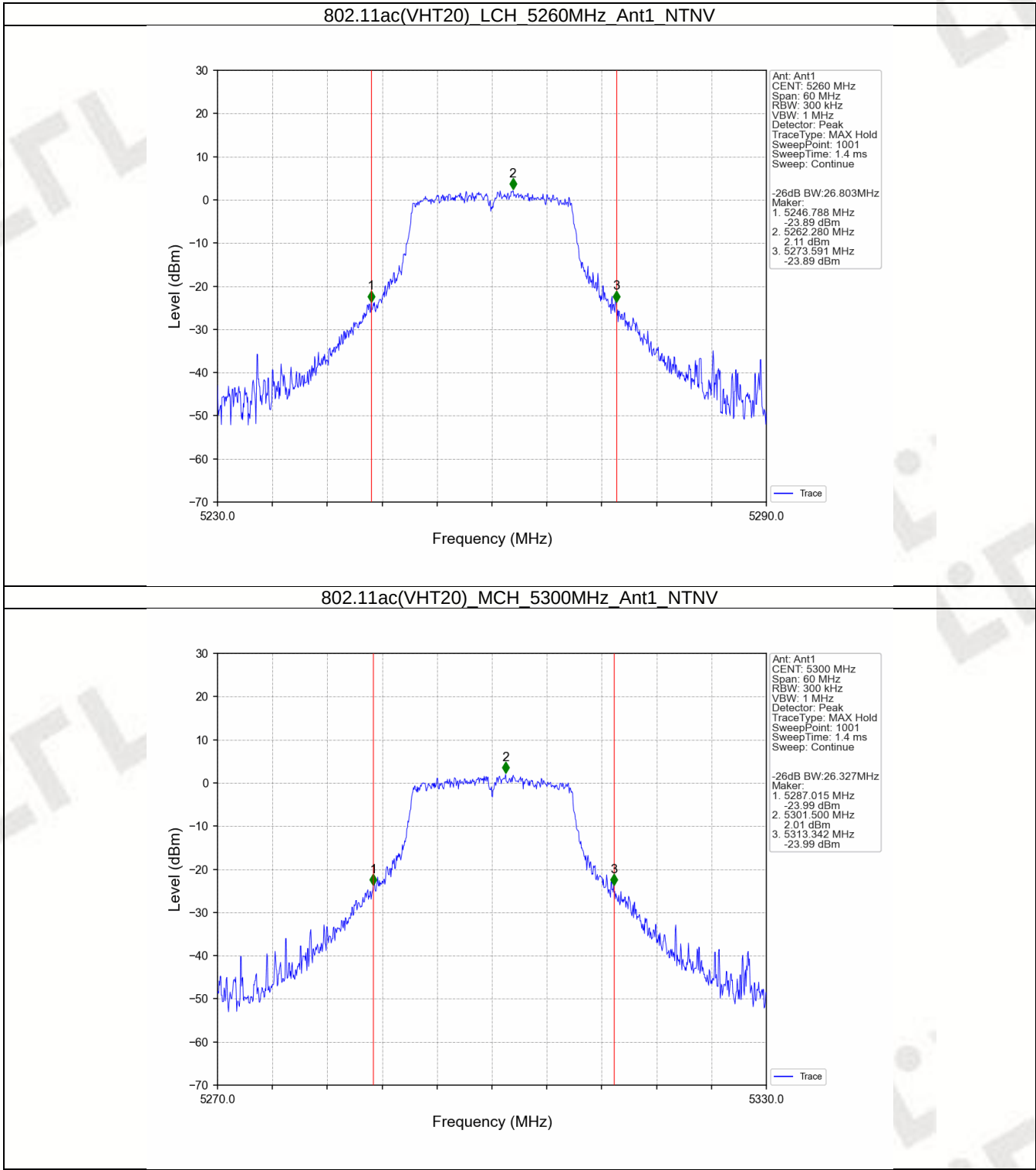
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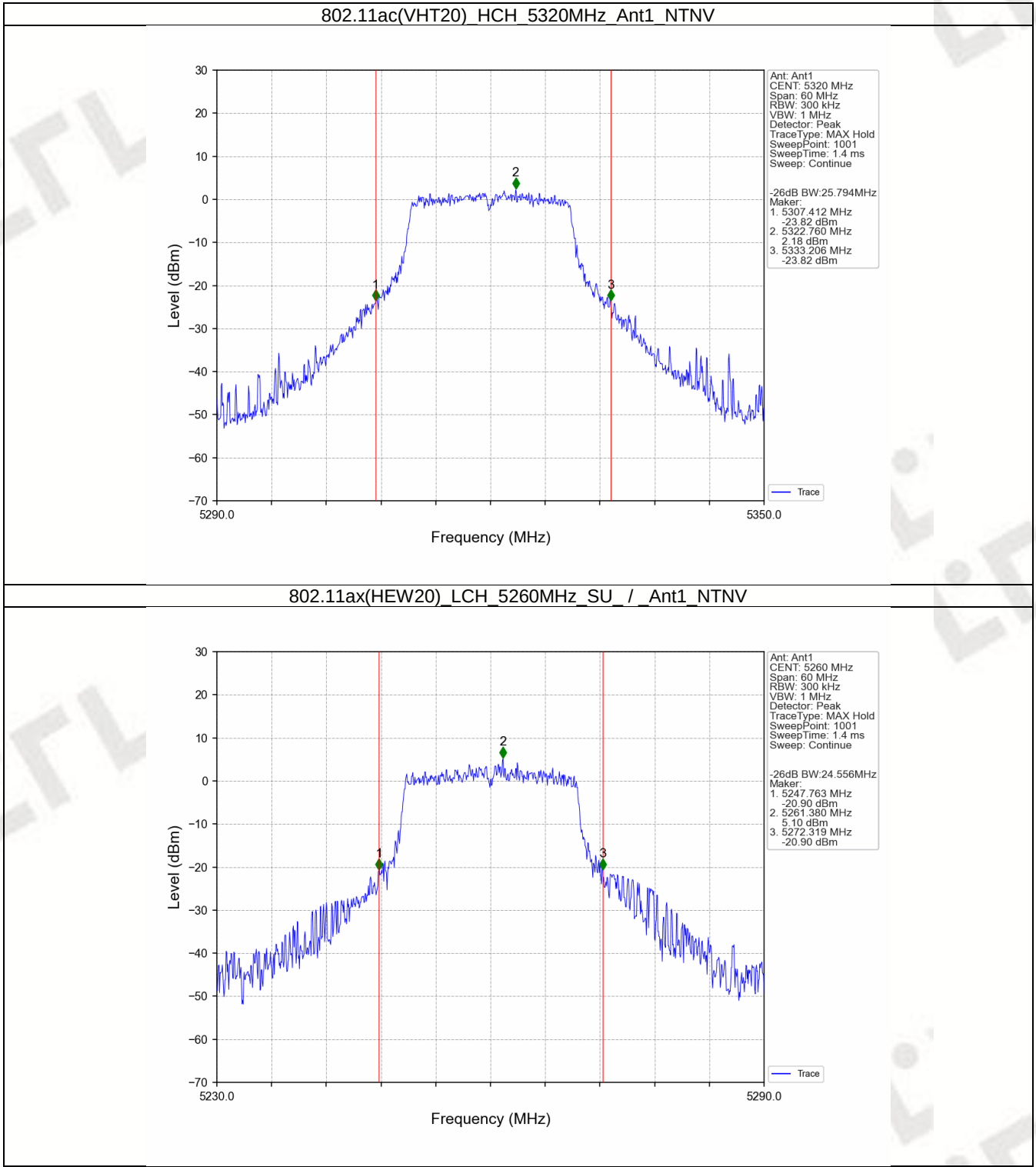
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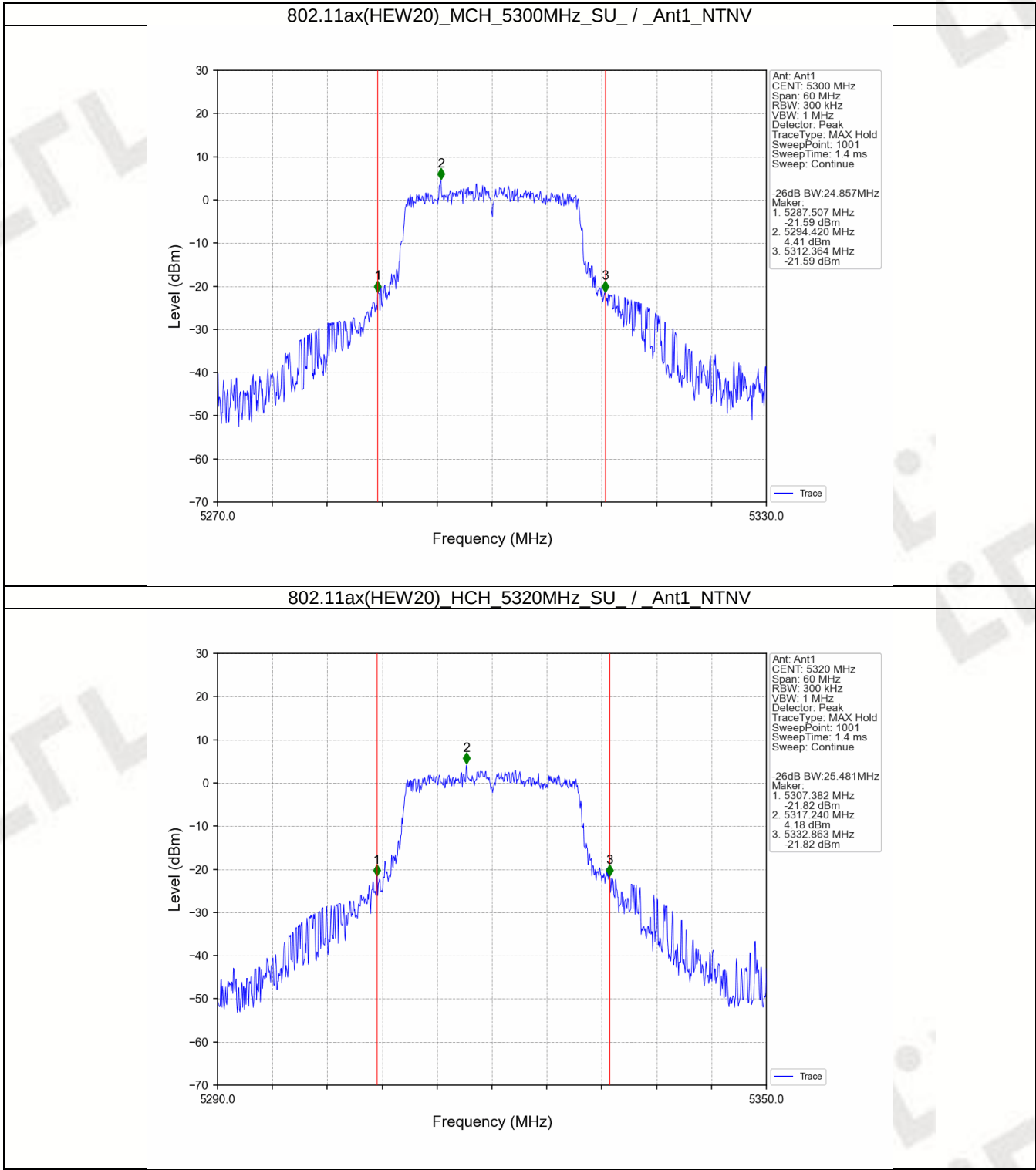
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FCC ID: 2AUR8-EBOMINI



FCC ID: 2AUR8-EBOMINI



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	Limit	
802.11a	SISO	5260	/	/	11.76	<=23.98	Pass
		5300	/	/	11.65	<=23.98	Pass
		5320	/	/	11.64	<=23.98	Pass
802.11n (HT20)	SISO	5260	/	/	12.18	<=23.98	Pass
		5300	/	/	11.31	<=23.98	Pass
		5320	/	/	11.21	<=23.98	Pass
802.11ac (VHT20)	SISO	5260	/	/	11.72	<=23.98	Pass
		5300	/	/	11.32	<=23.98	Pass
		5320	/	/	11.28	<=23.98	Pass
802.11ax (HEW20)	SISO	5260	SU	/	11.77	<=23.98	Pass
		5300	SU	/	11.33	<=23.98	Pass
		5320	SU	/	11.27	<=23.98	Pass

Note1: Antenna Gain: Ant1: 3.33dBi;

FCC ID: 2AUR8-EBOMINI

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

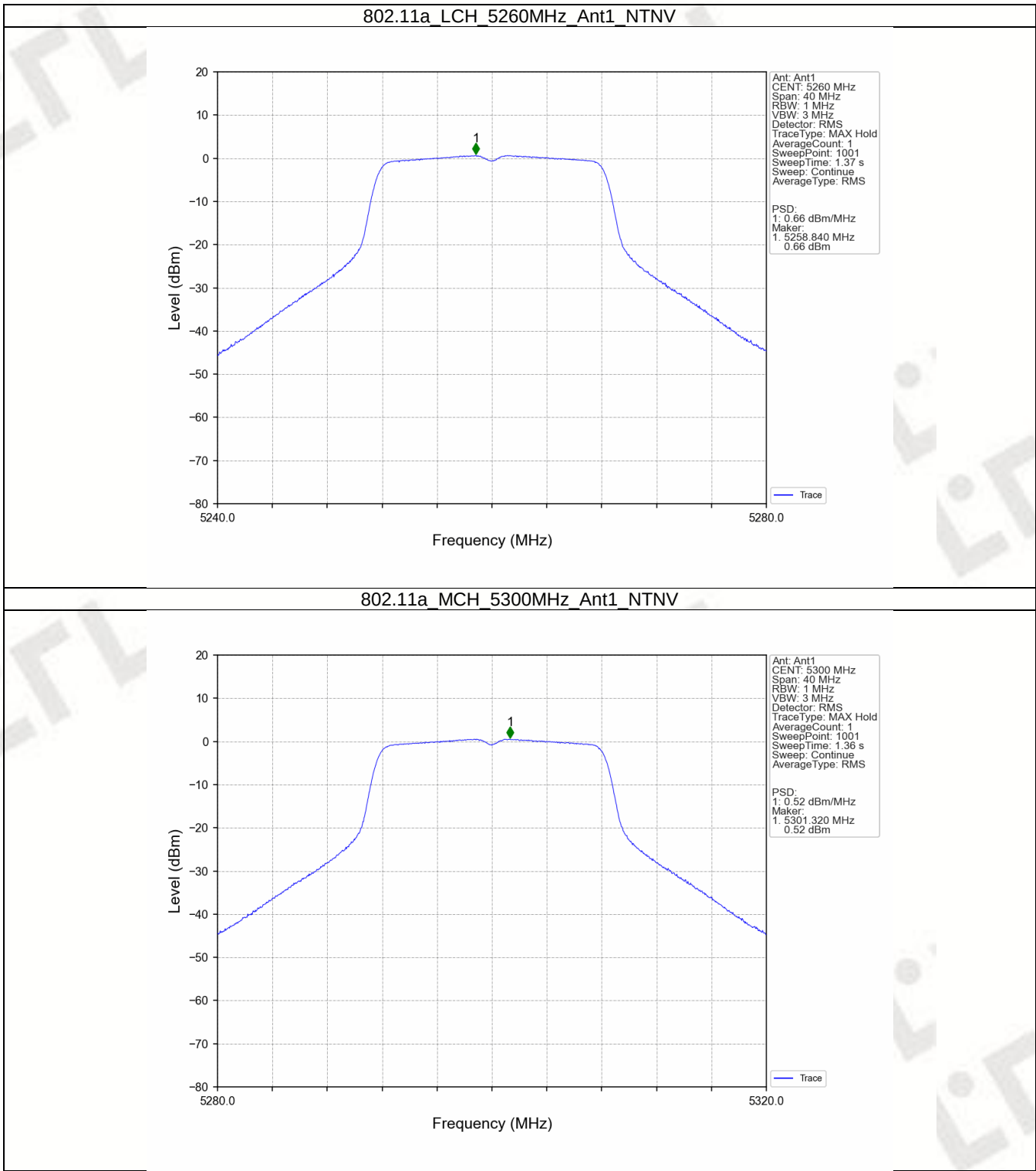
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5260	/	/	0.66	<=11	Pass
		5300	/	/	0.52	<=11	Pass
		5320	/	/	0.52	<=11	Pass
802.11n (HT20)	SISO	5260	/	/	0.78	<=11	Pass
		5300	/	/	-0.06	<=11	Pass
		5320	/	/	-0.14	<=11	Pass
802.11ac (VHT20)	SISO	5260	/	/	0.38	<=11	Pass
		5300	/	/	-0.02	<=11	Pass
		5320	/	/	-0.08	<=11	Pass
802.11ax (HEW20)	SISO	5260	SU	/	0.12	<=11	Pass
		5300	SU	/	-0.30	<=11	Pass
		5320	SU	/	-0.33	<=11	Pass

Note1: Antenna Gain: Ant1: 3.33dBi;

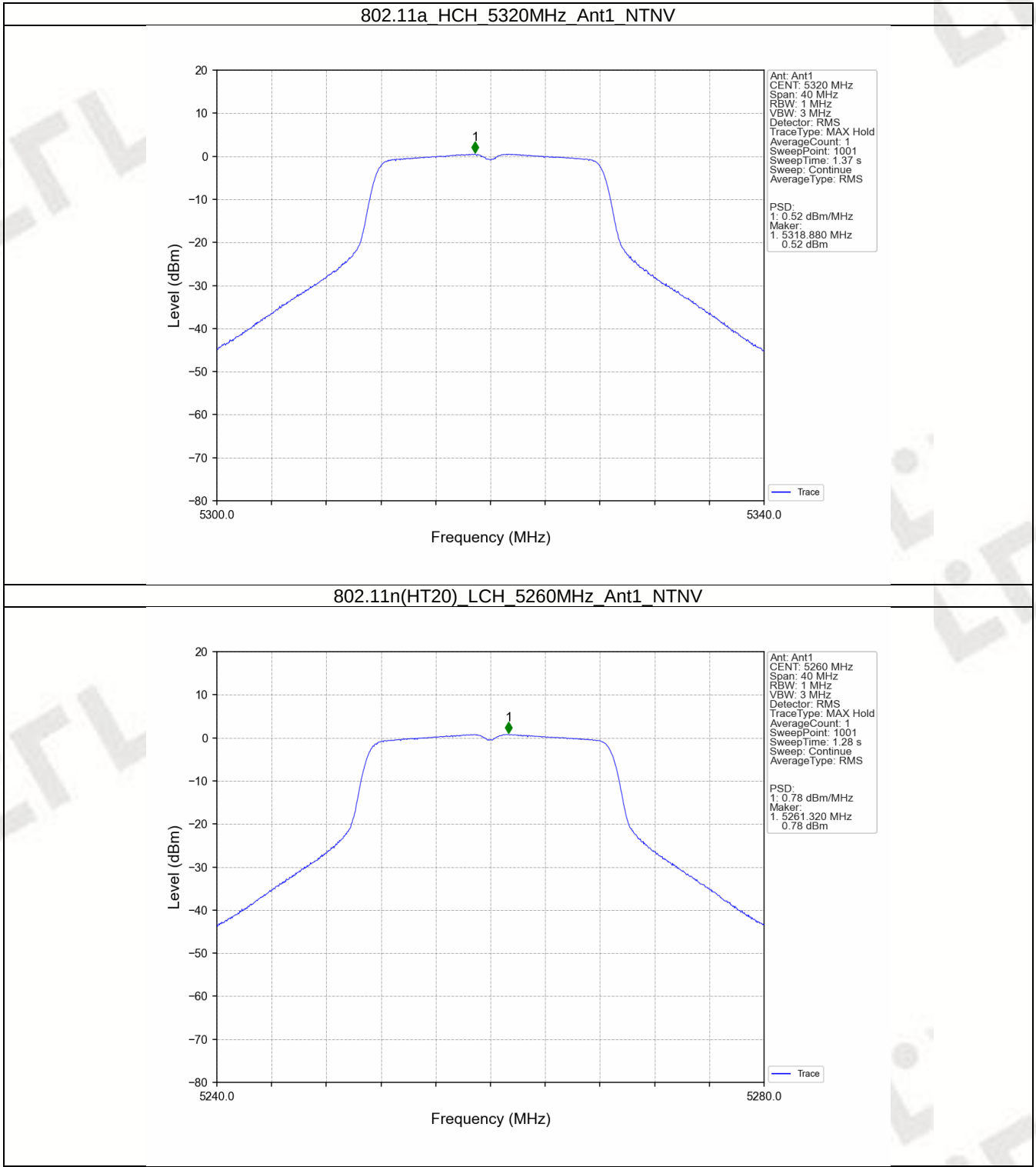
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4.2 Test Graph

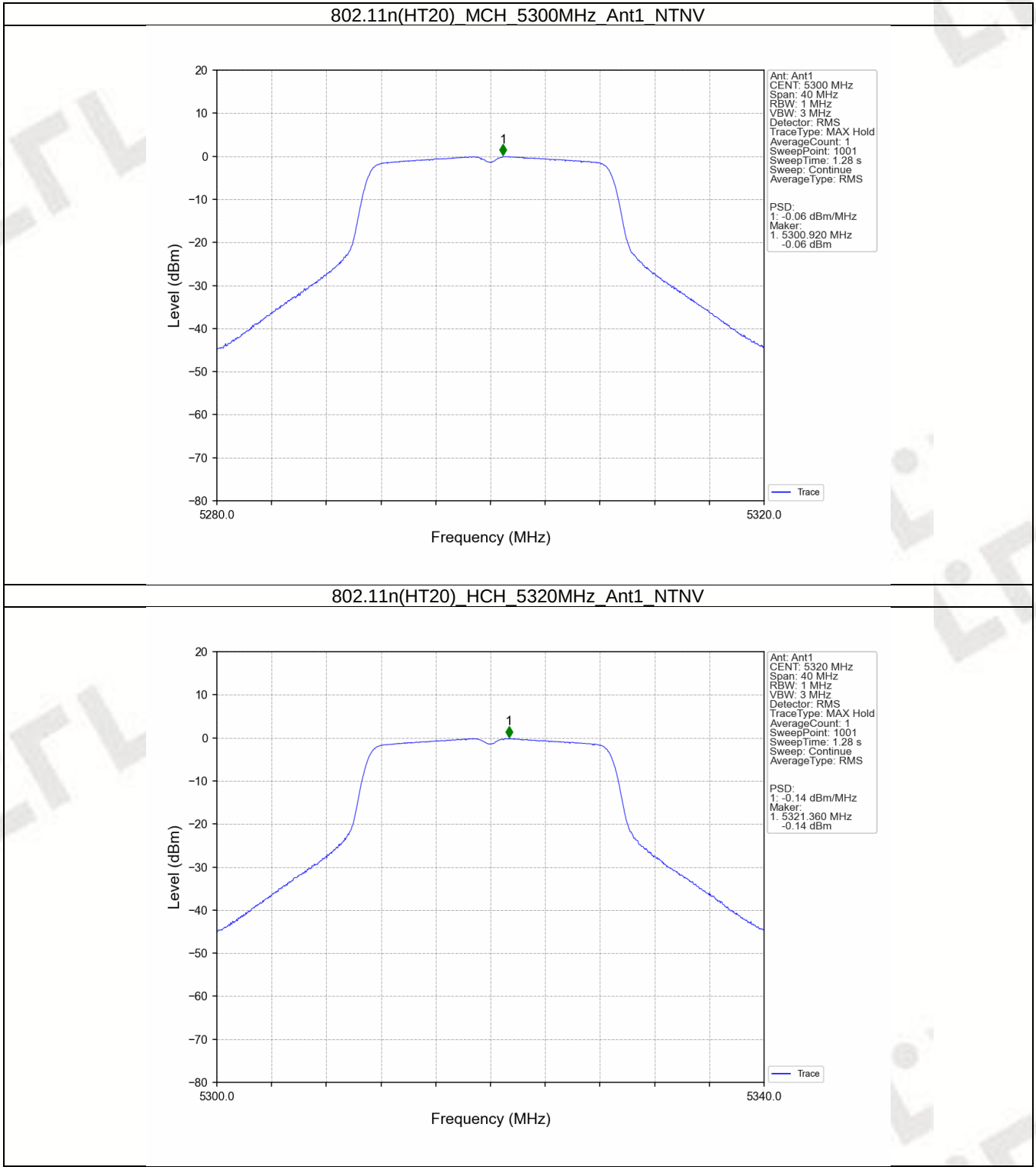
4.2.1 PSD



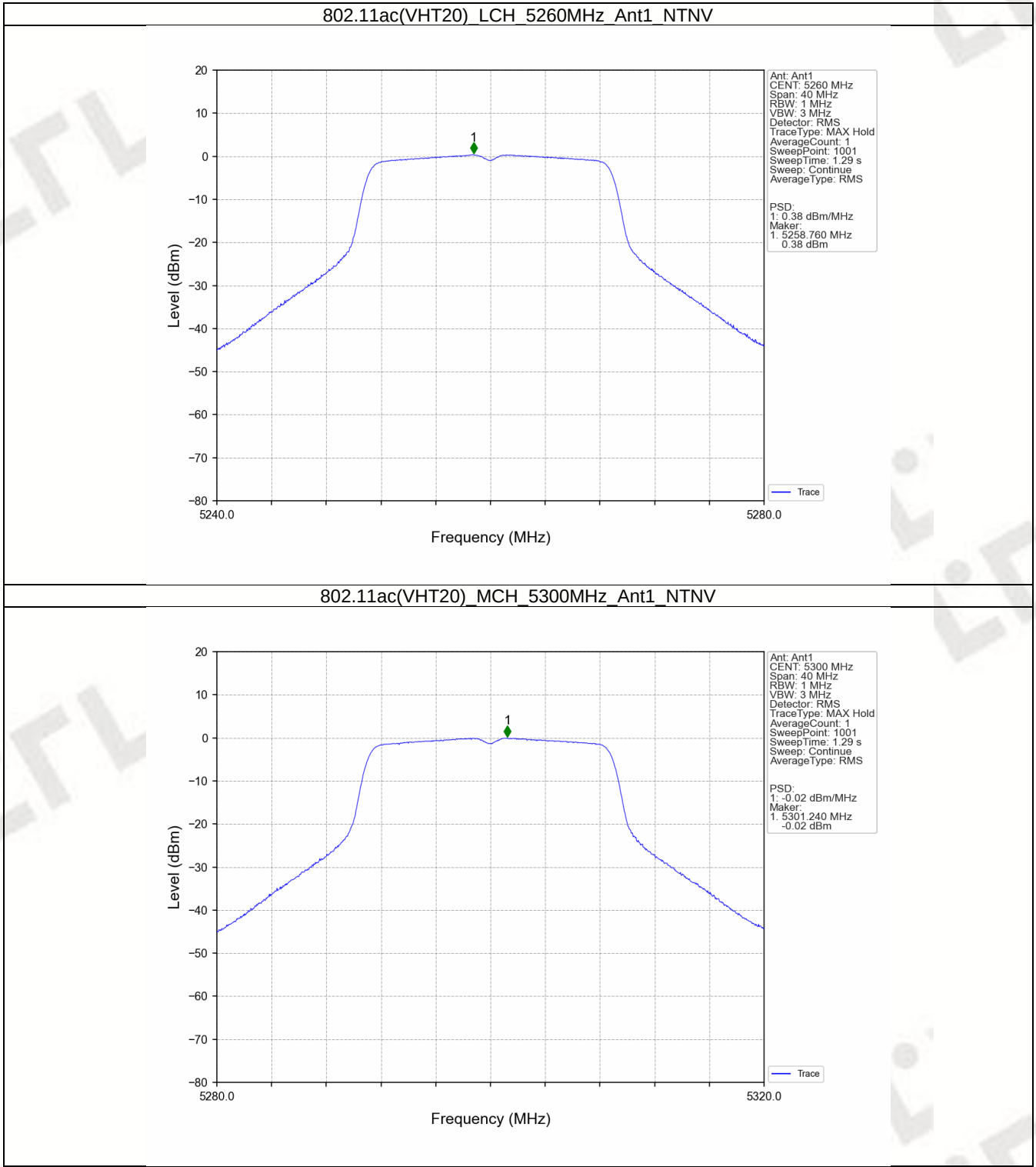
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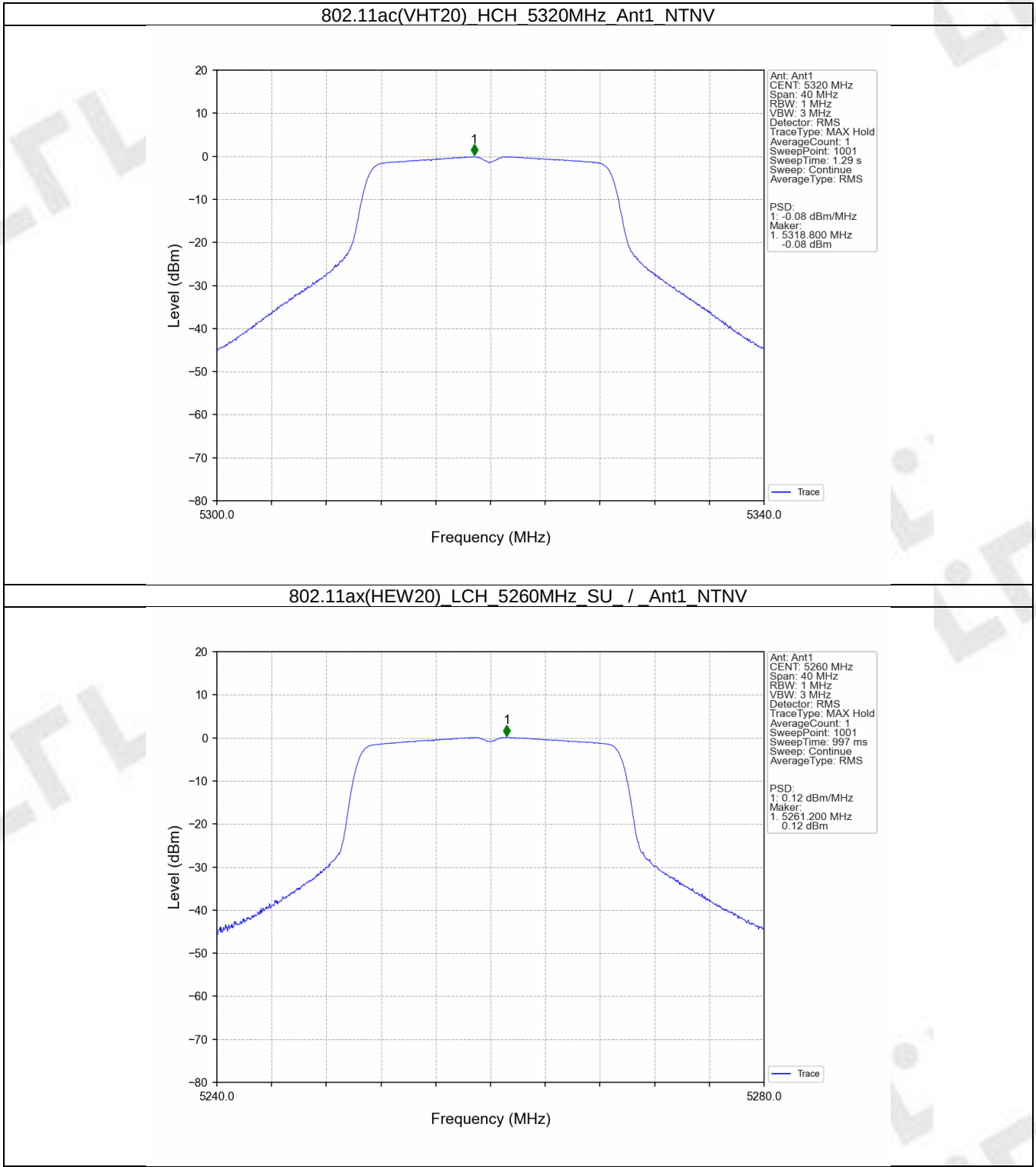
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