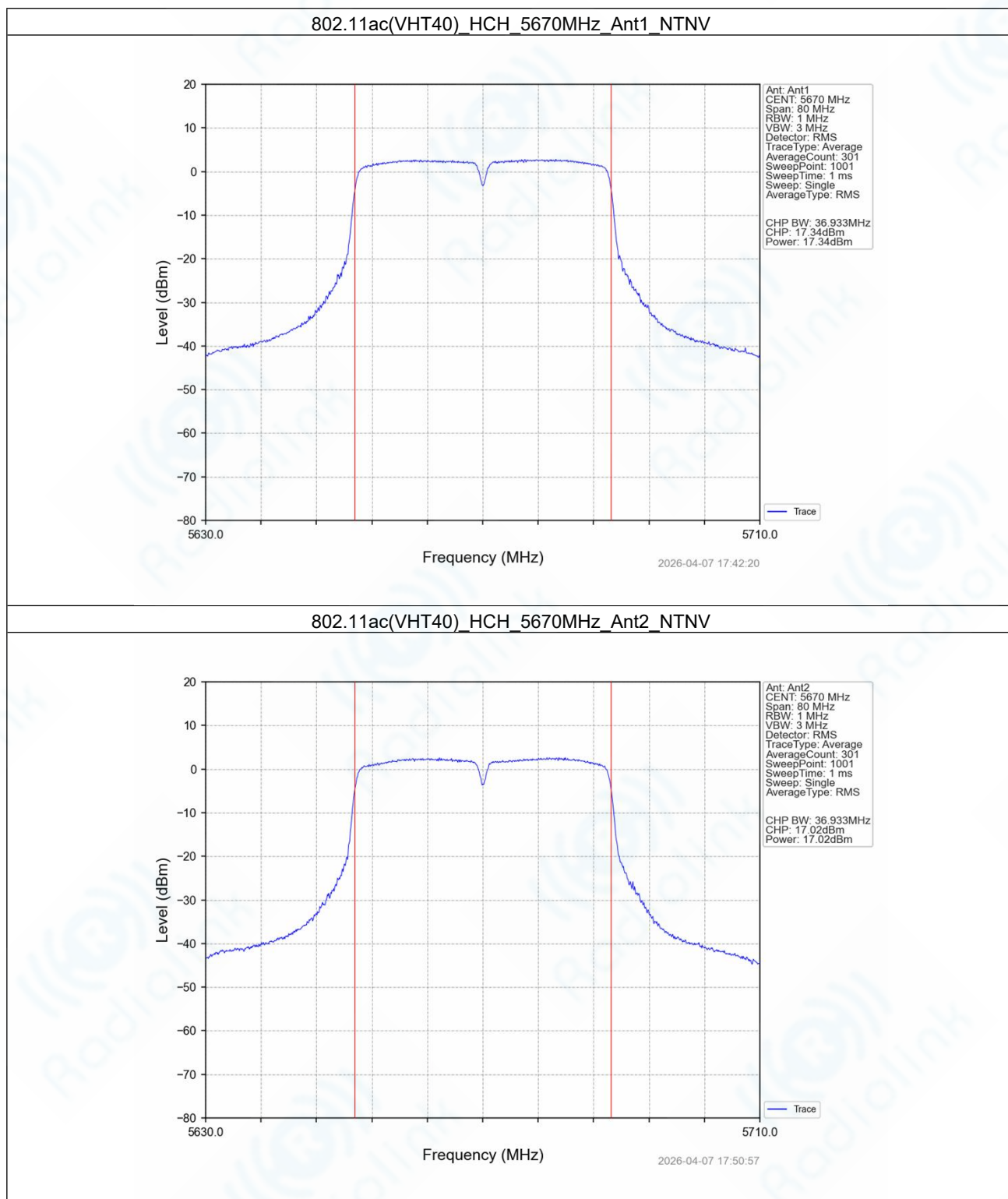
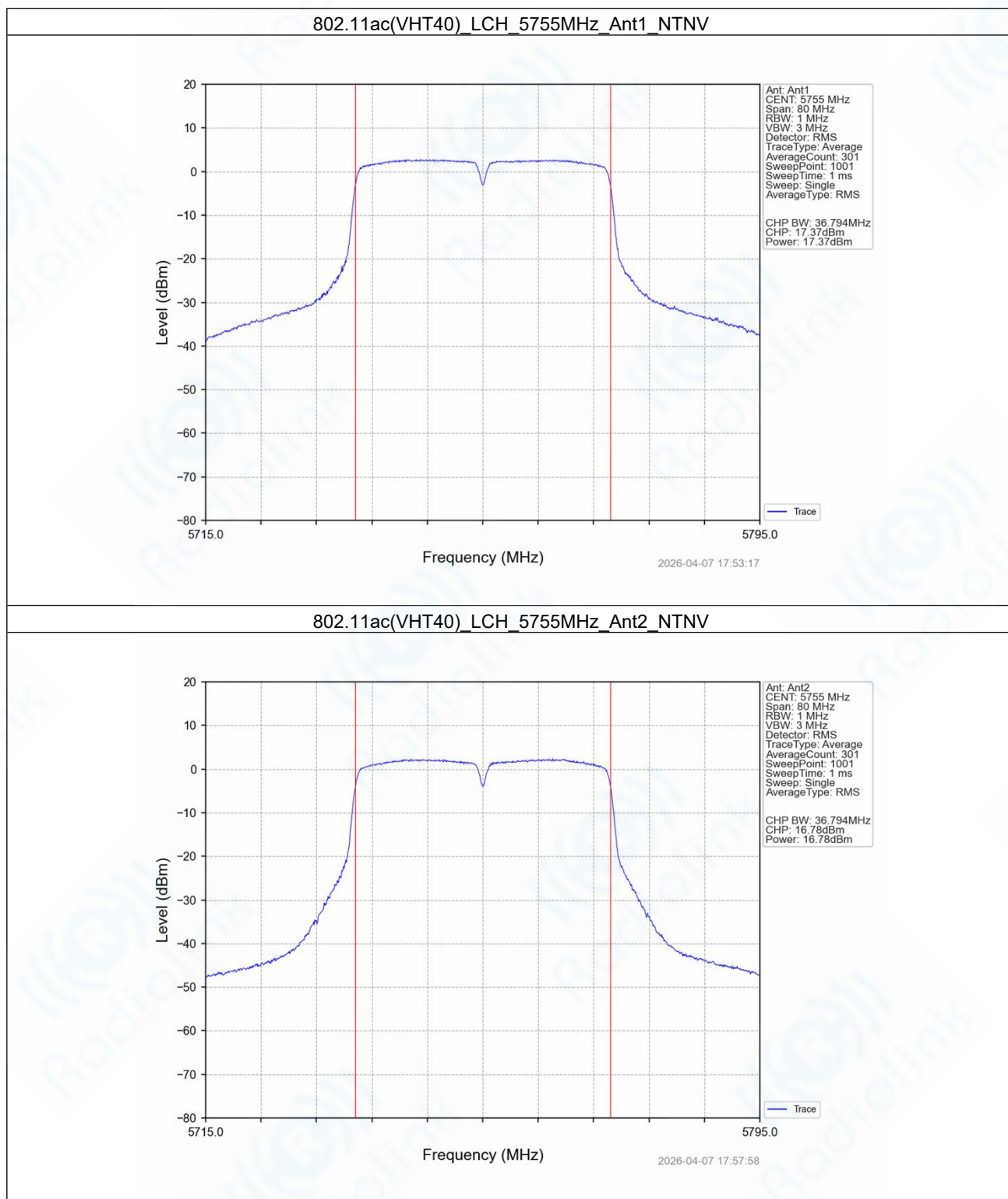




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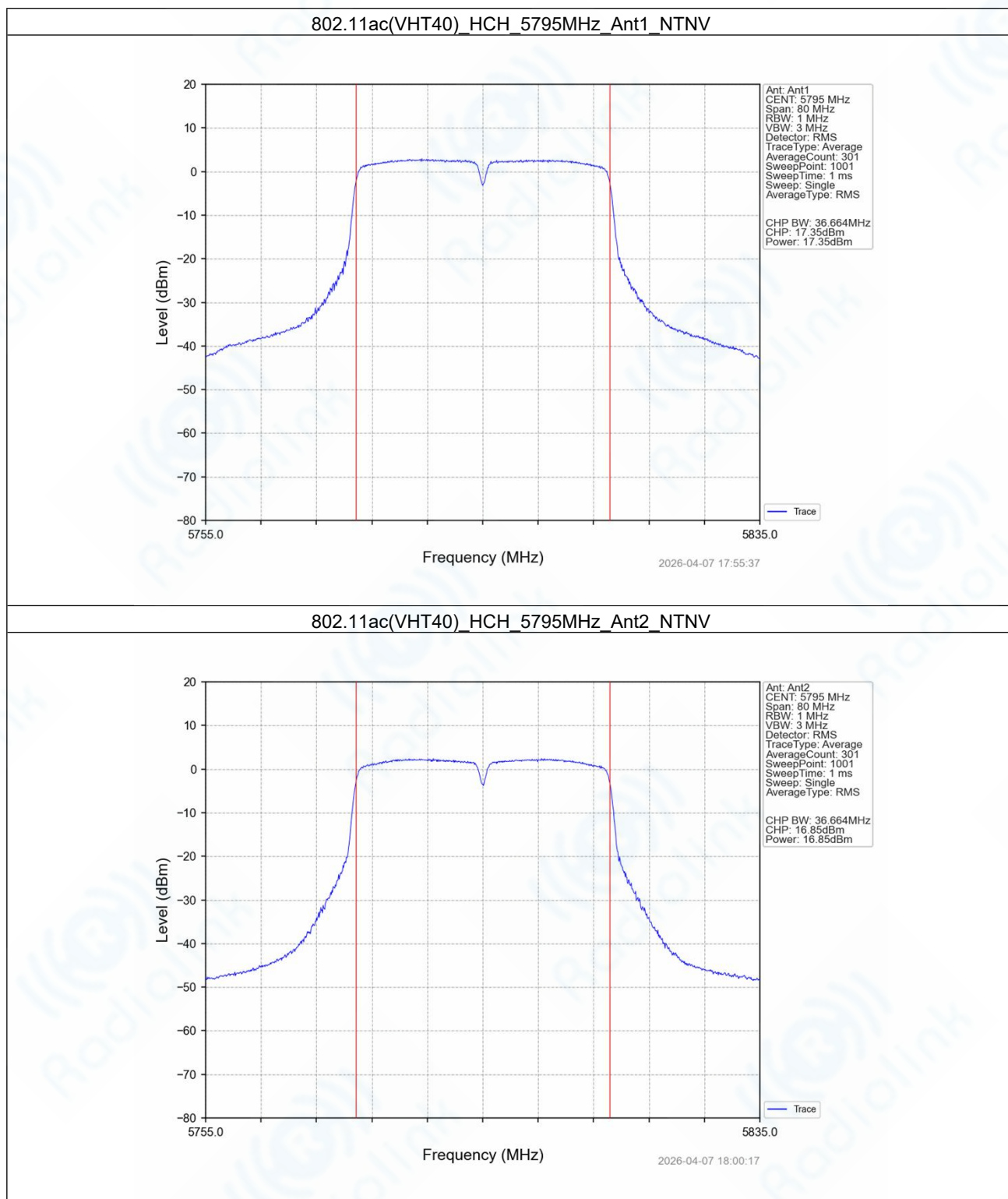
Tel: +86 0755 23080694

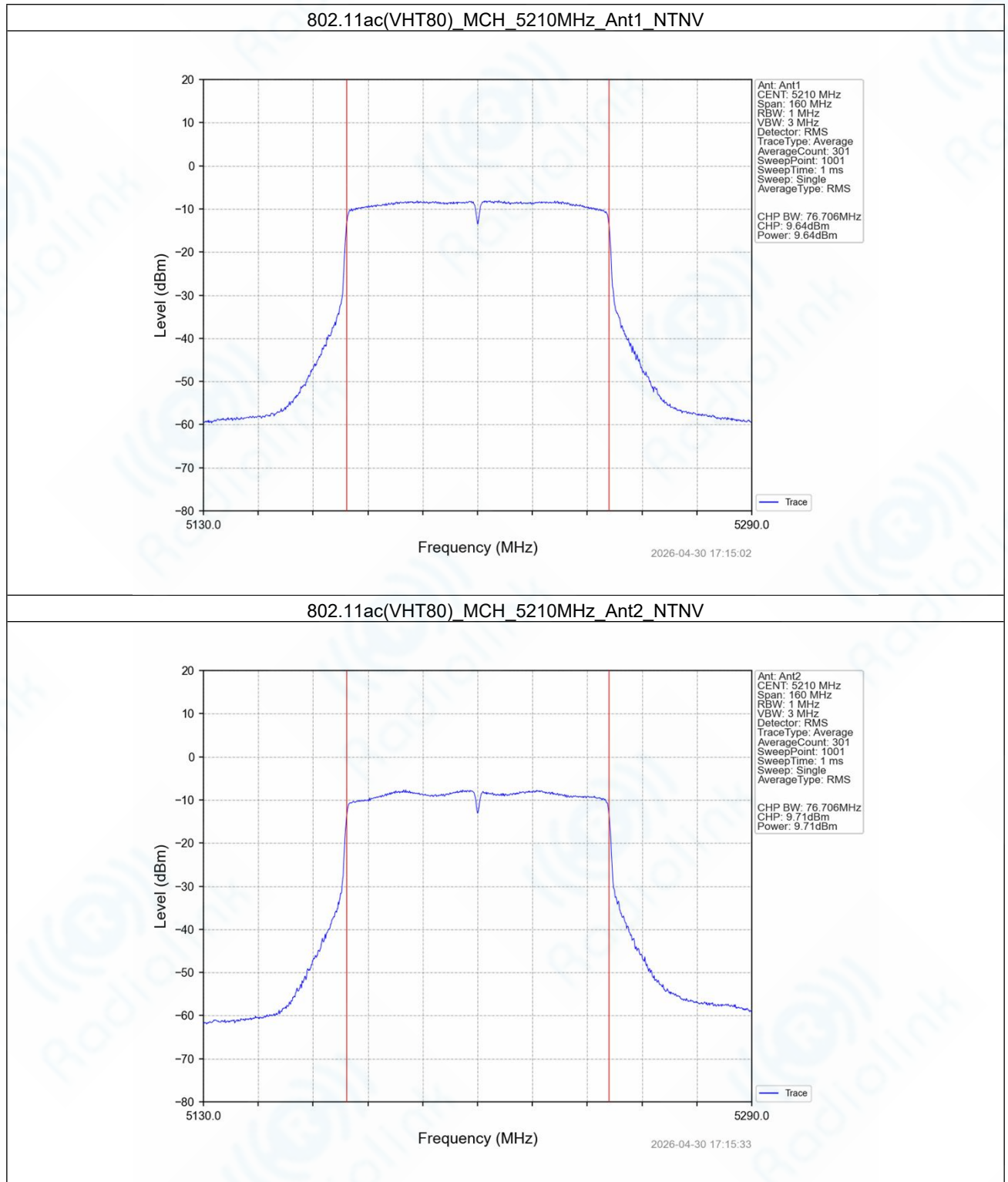


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Tel: +86 0755 23080694

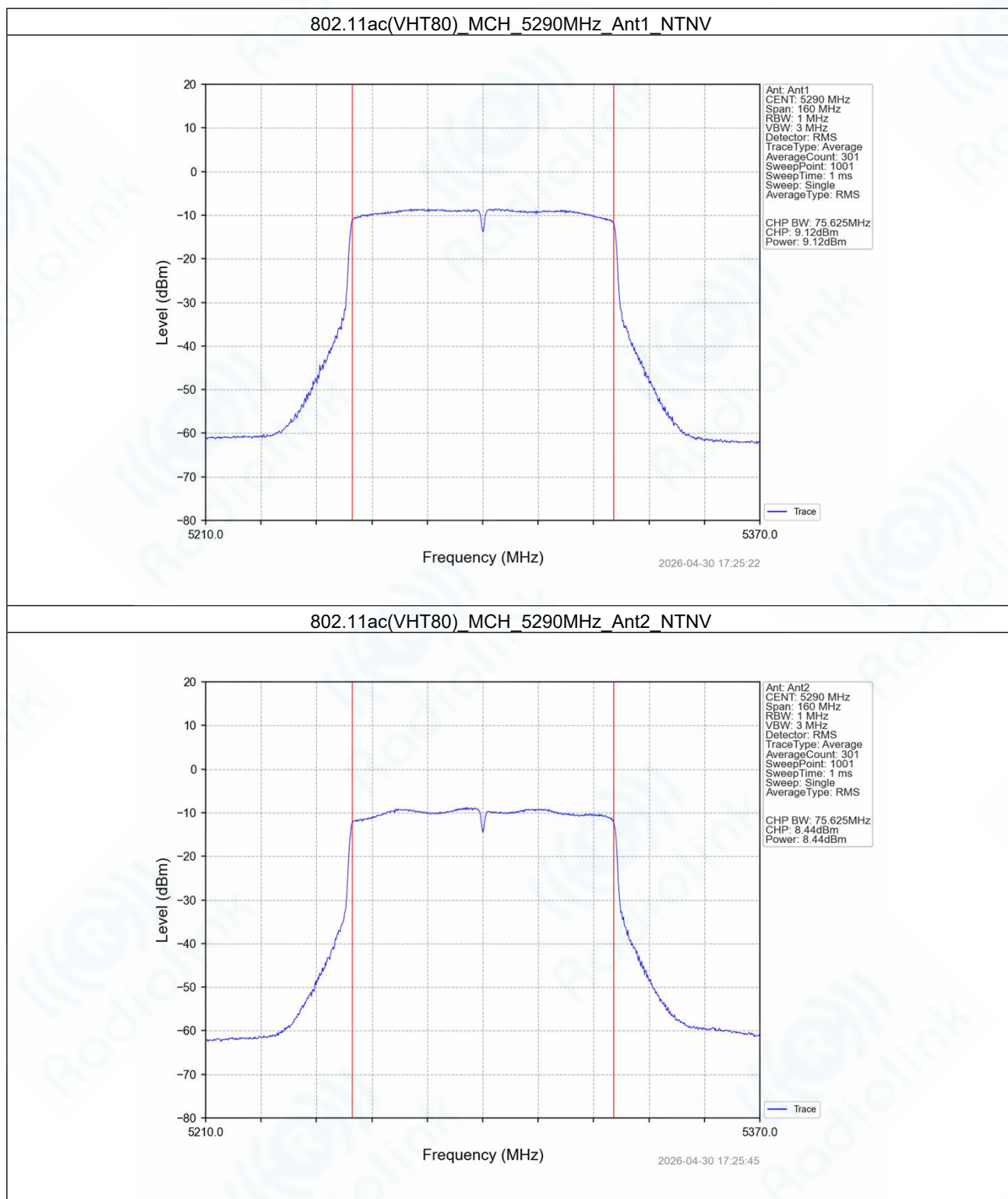




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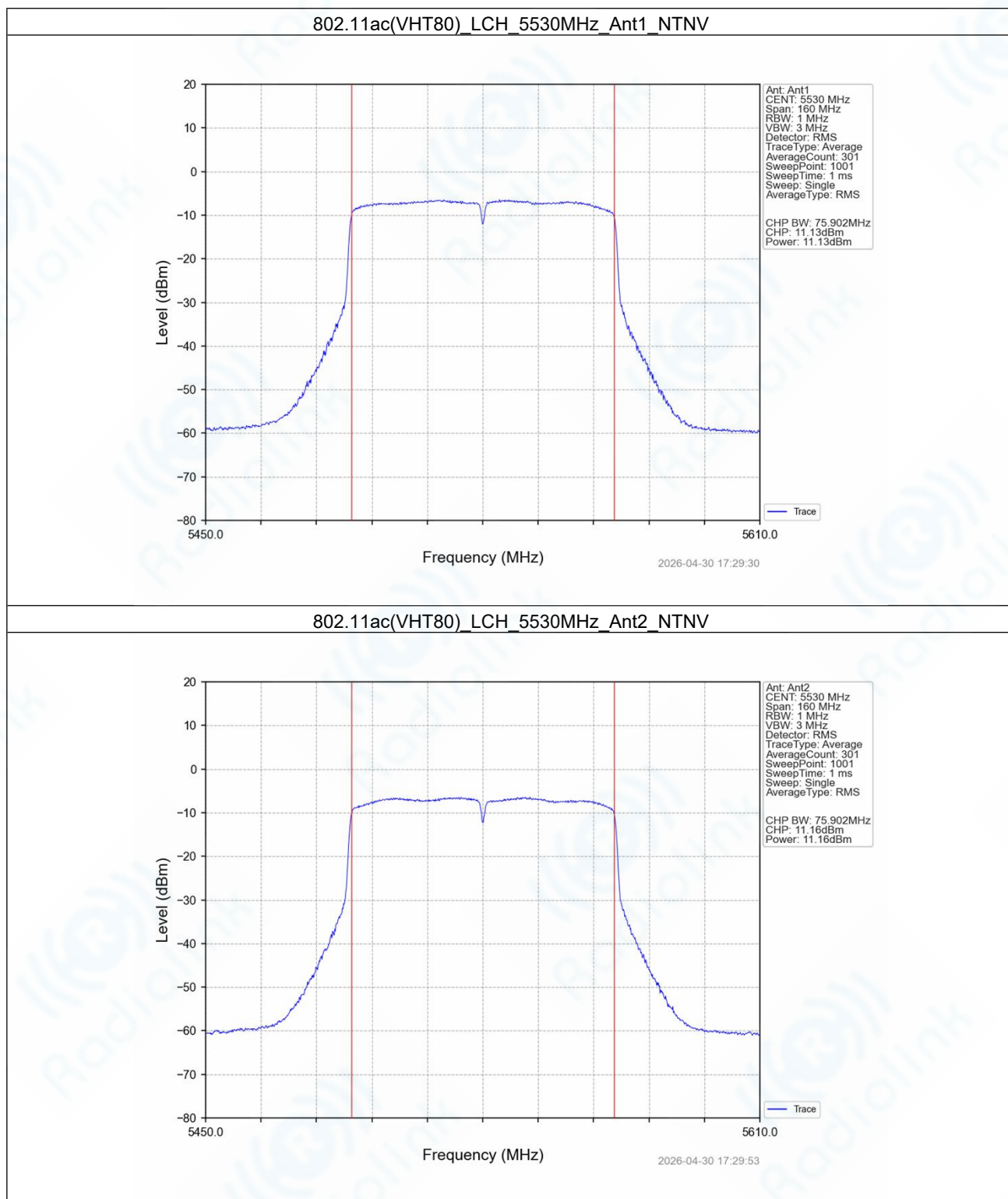
Tel: +86 0755 23080694

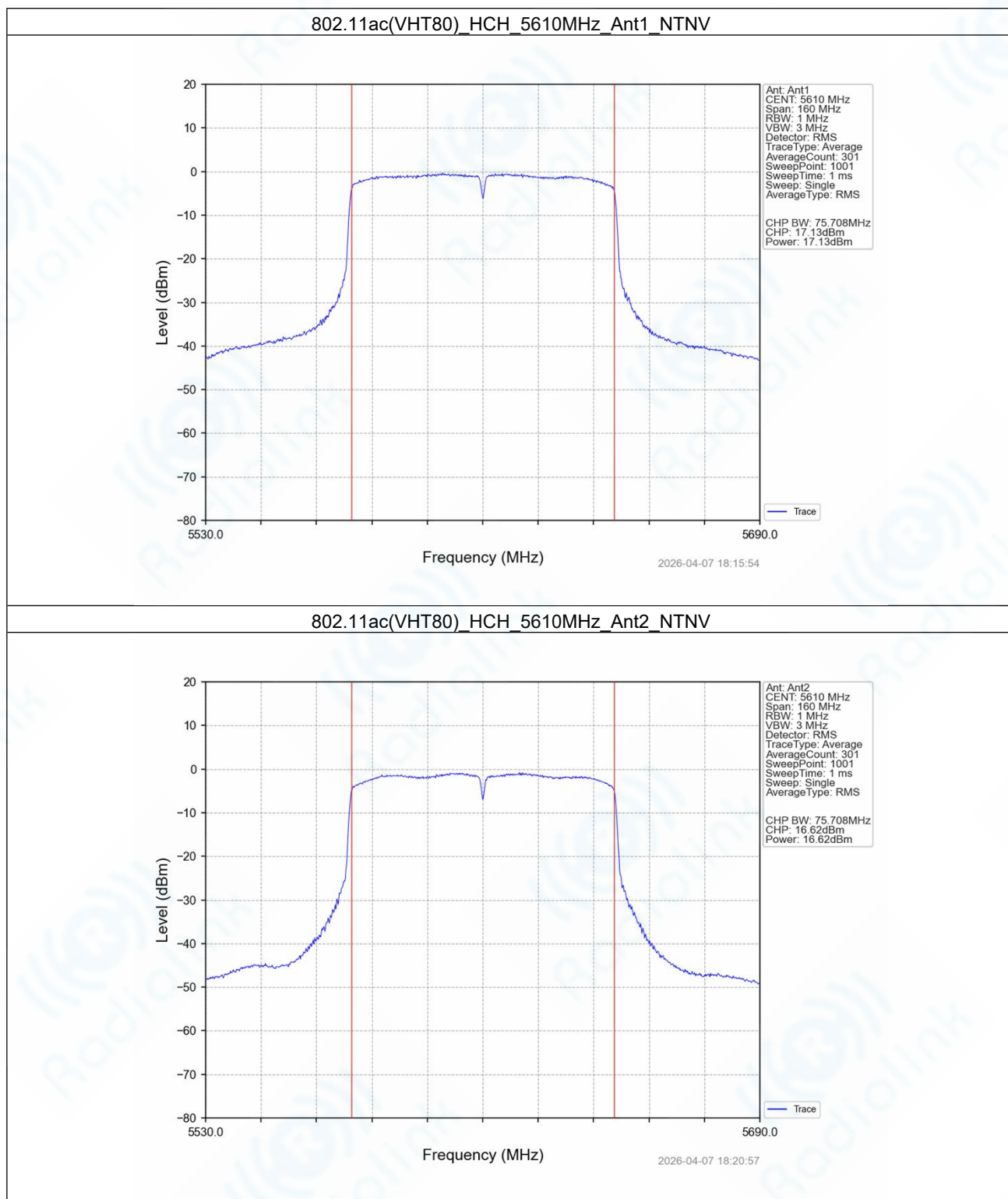


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Tel: +86 0755 23080694

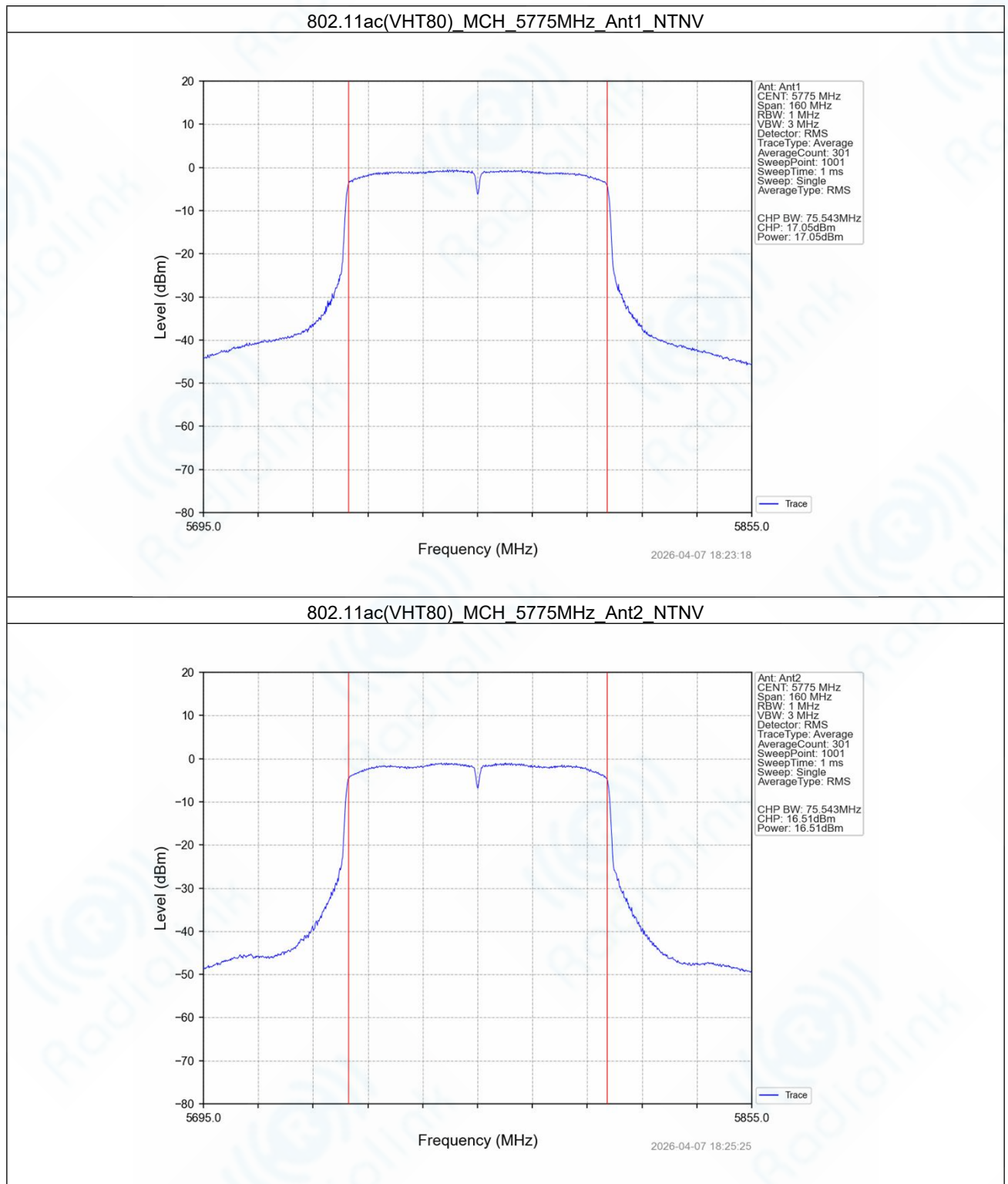




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Shenzhen, Guangdong Province, China

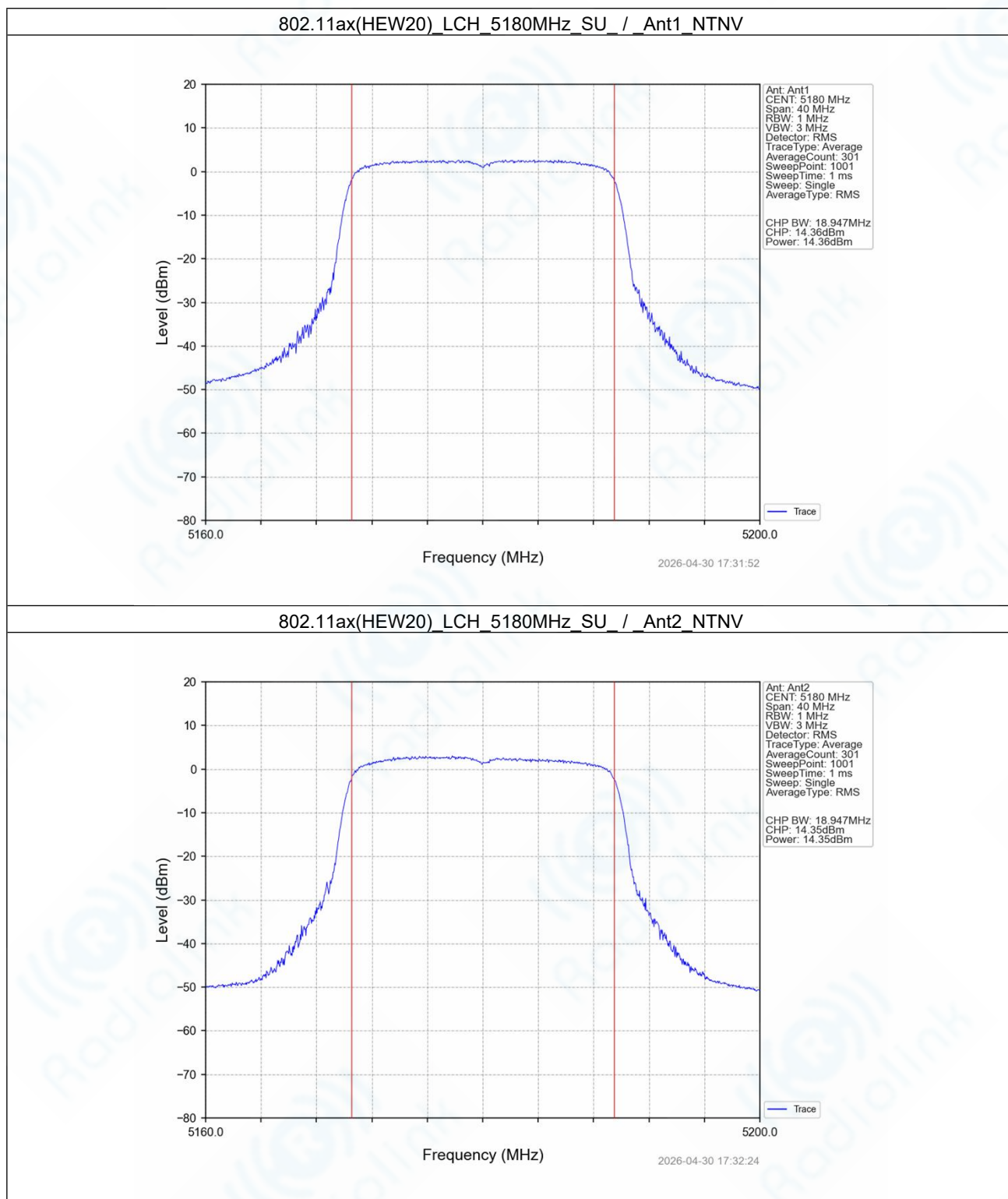
Tel: +86 0755 23080694



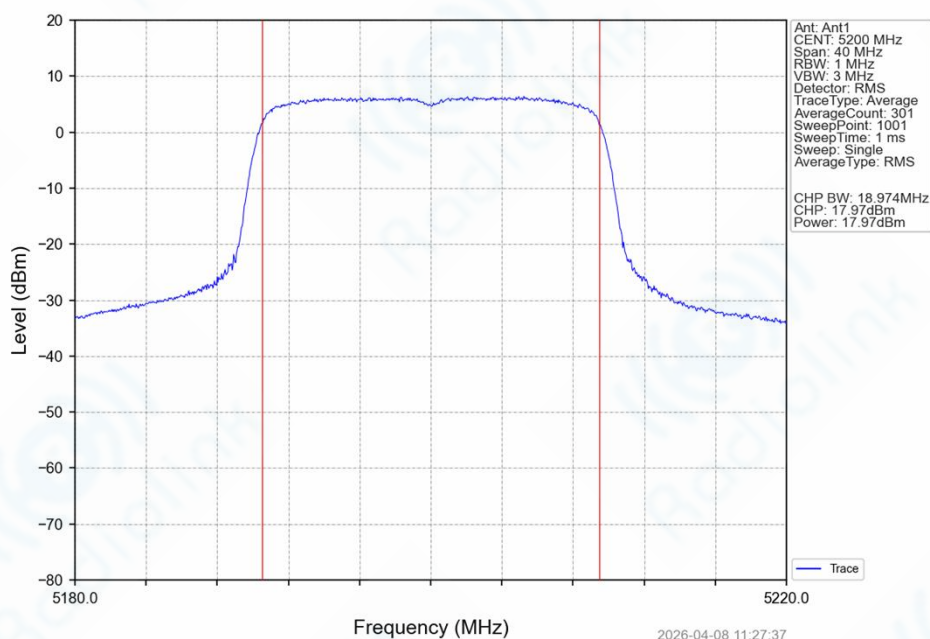
Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

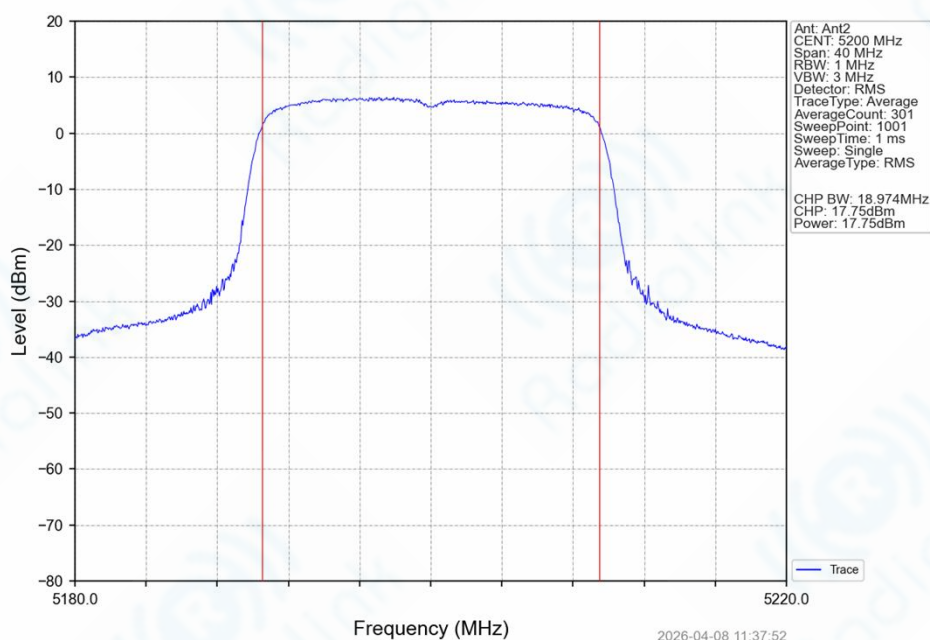
Tel: +86 0755 23080694



802.11ax(HEW20)_MCH_5200MHz_SU / Ant1 NTN



802.11ax(HEW20)_MCH_5200MHz_SU / Ant2 NTN

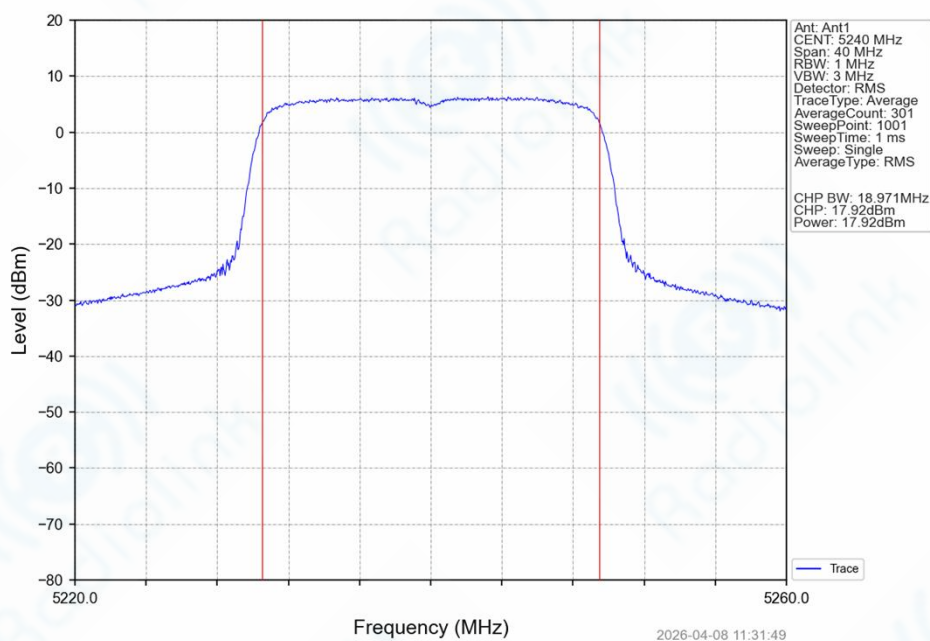


Radiolink Testing (Shenzhen) Co., Ltd.

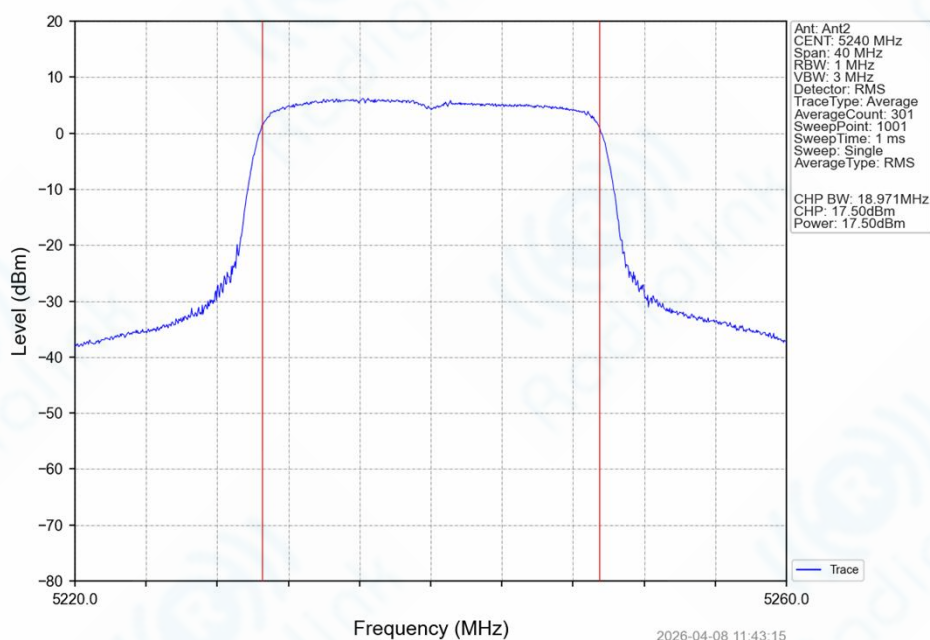
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



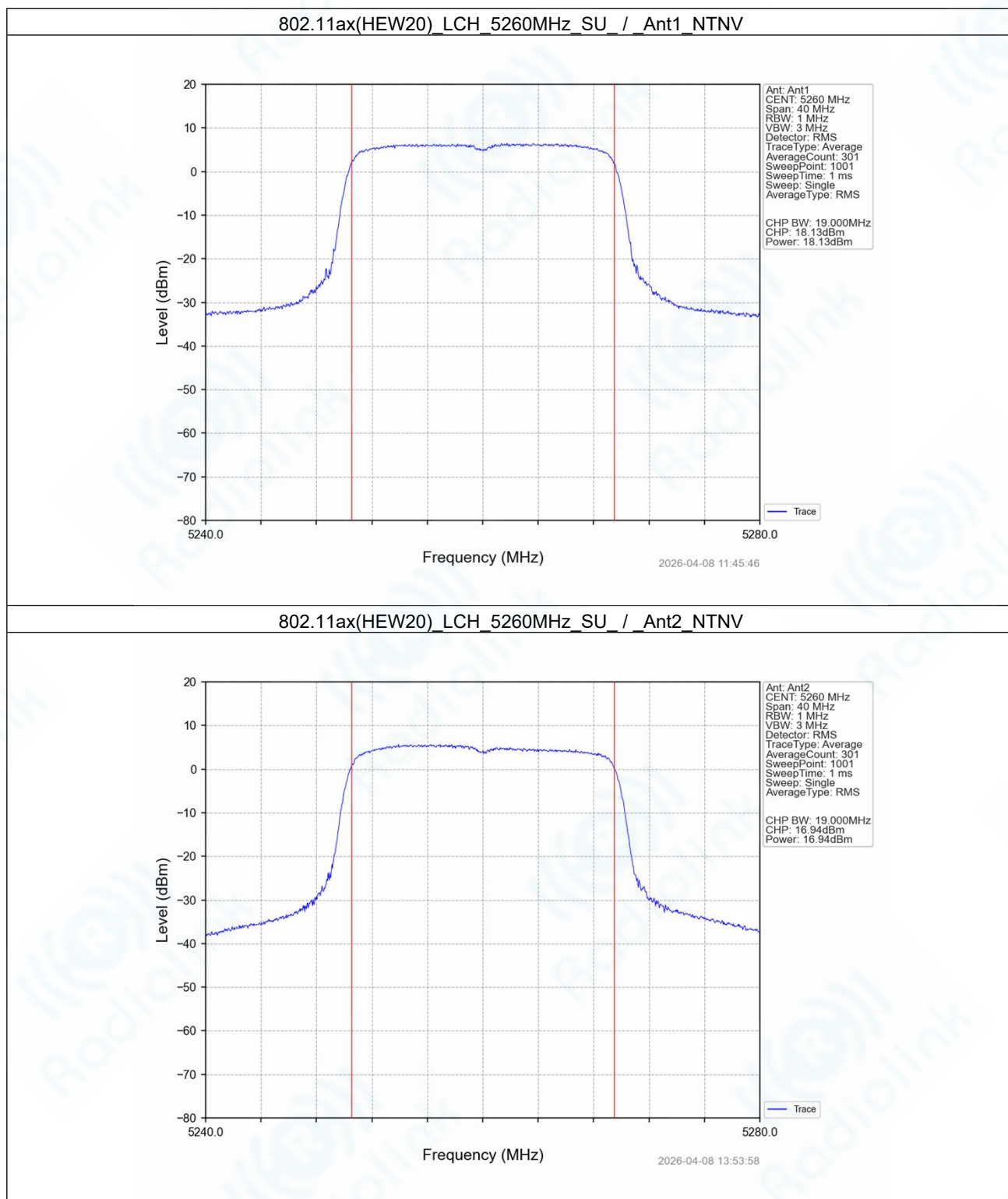
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant2_NTNV

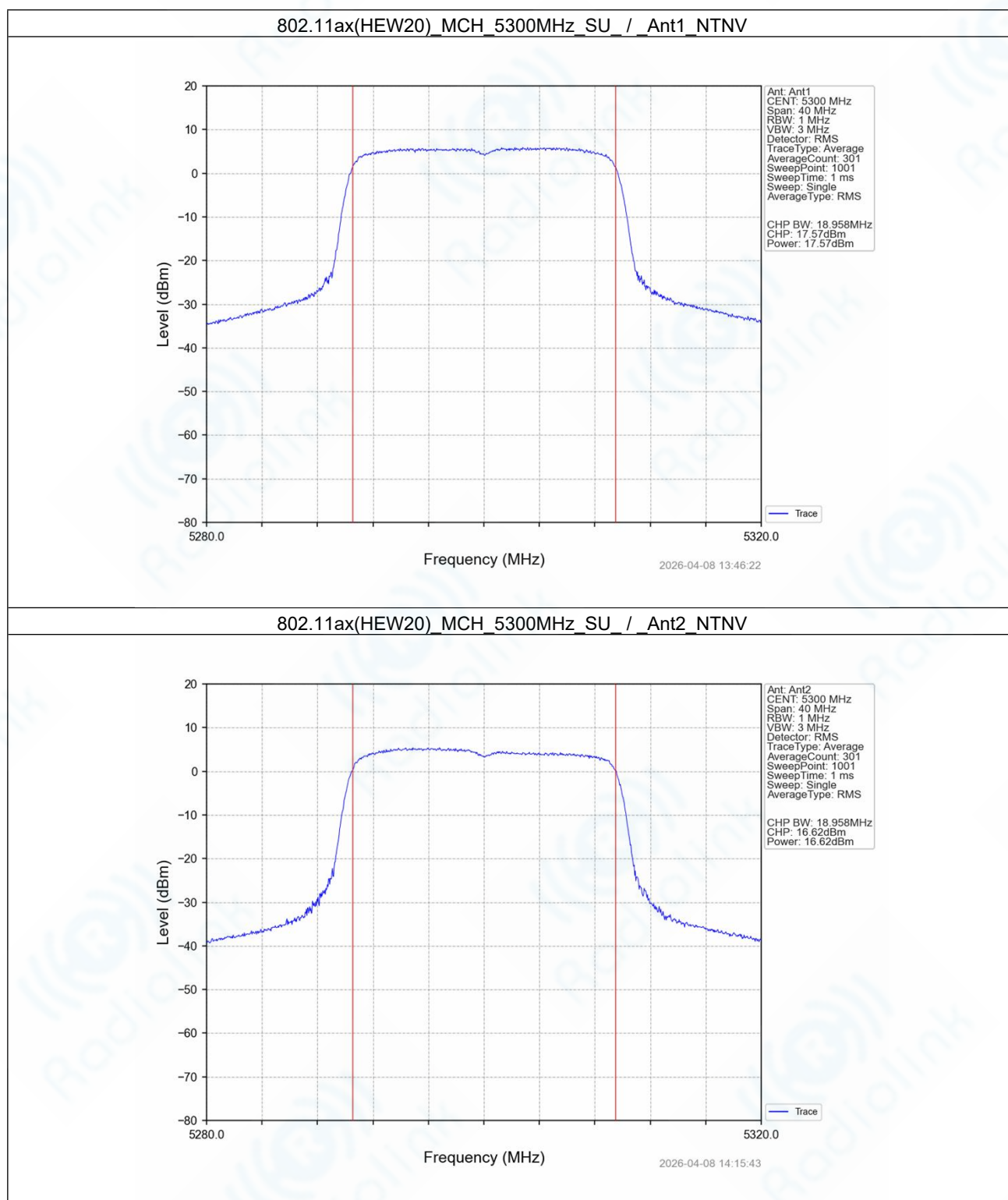


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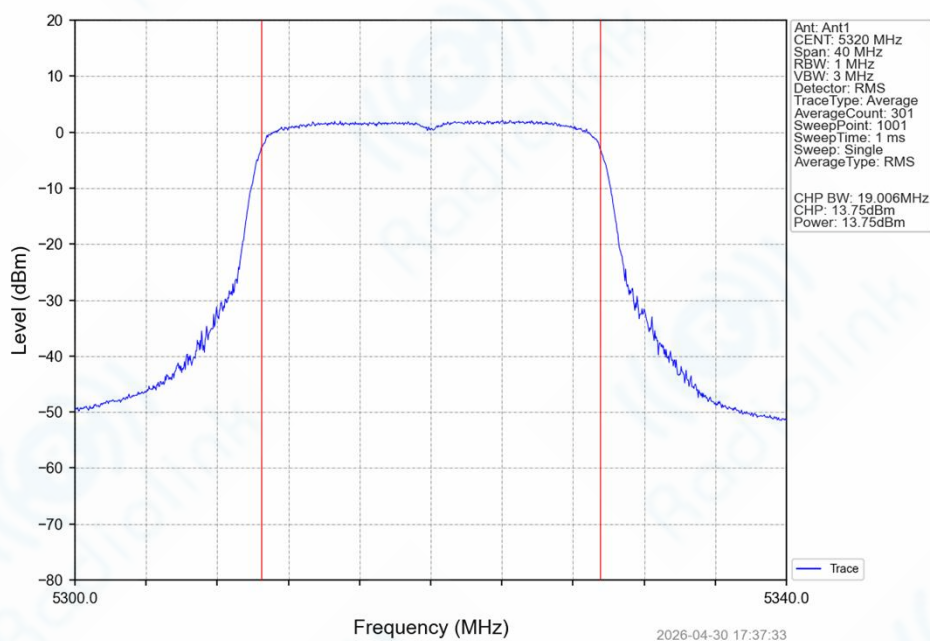


Radiolink Testing (Shenzhen) Co., Ltd.

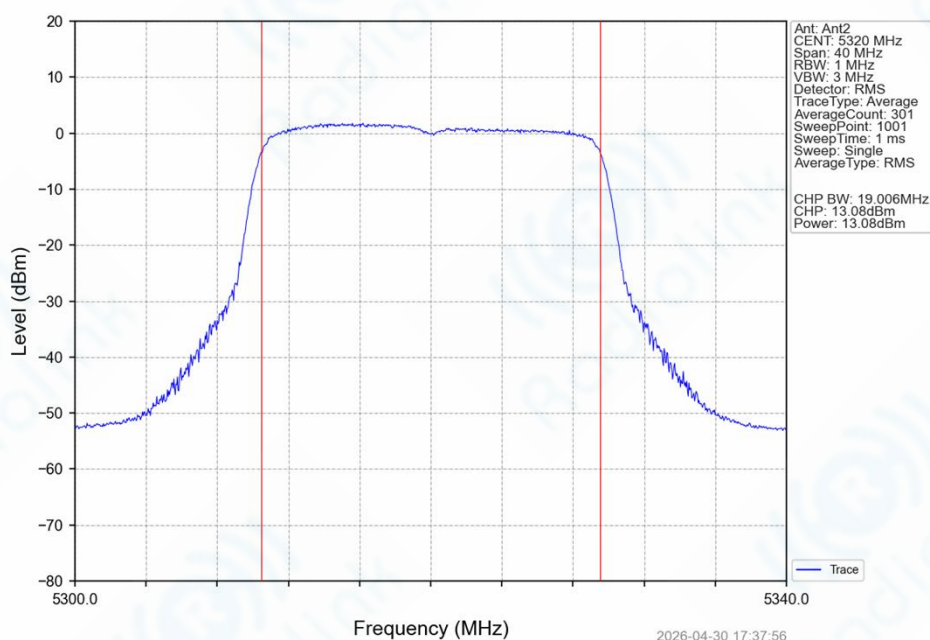
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant2_NTNV

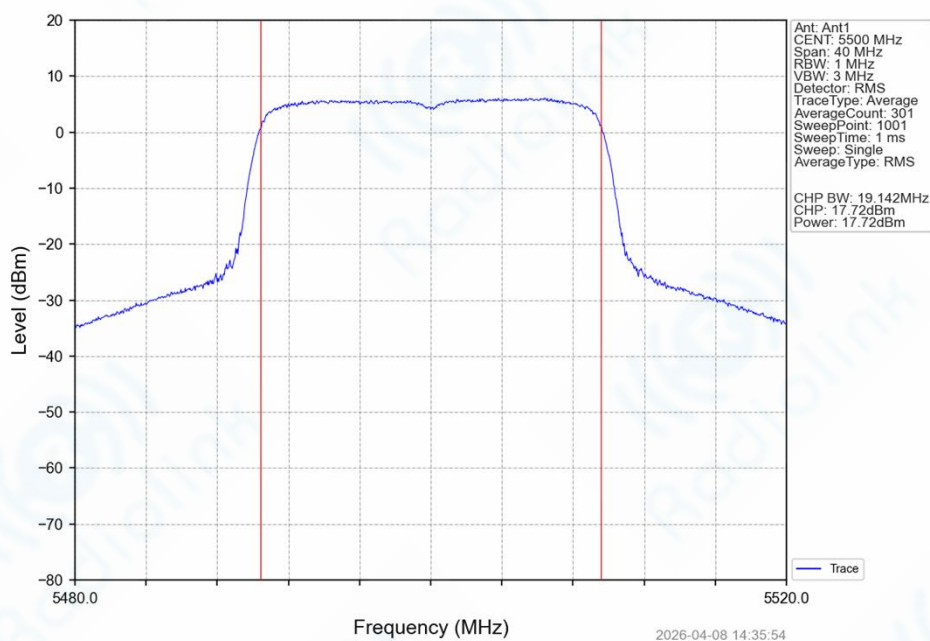


Radiolink Testing (Shenzhen) Co., Ltd.

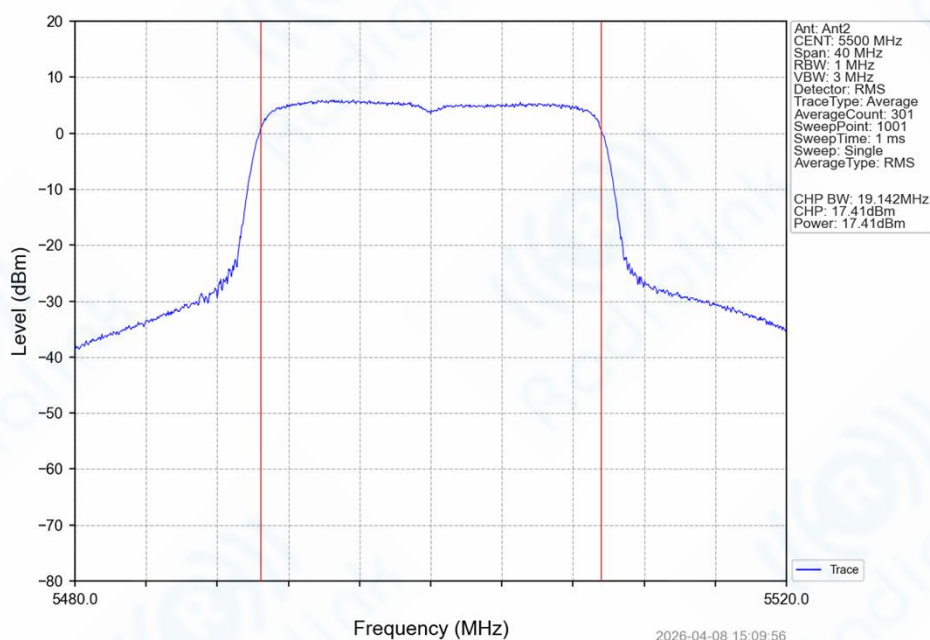
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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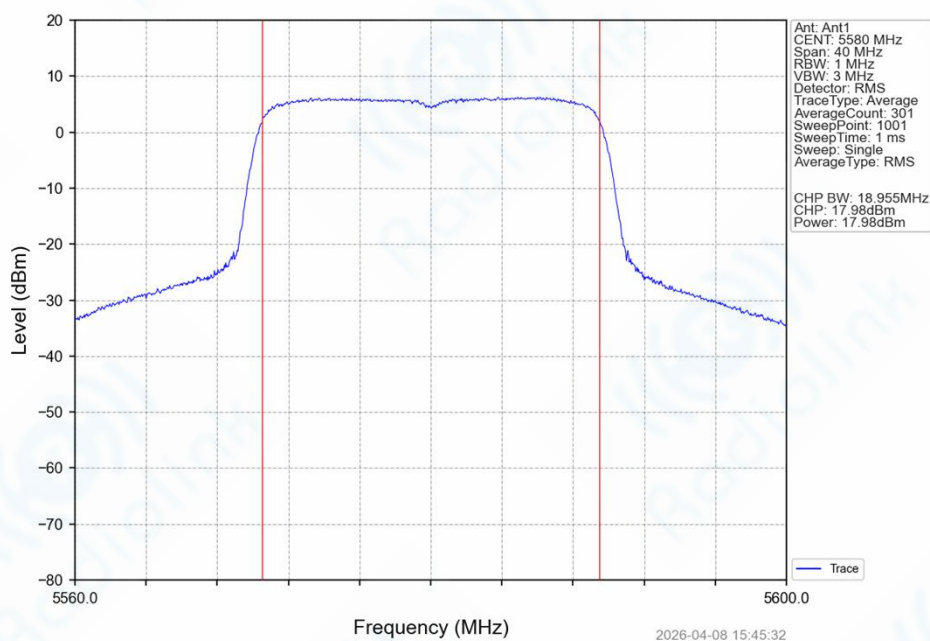
802.11ax(HEW20)_LCH_5500MHz_SU_/_Ant1_NTNV



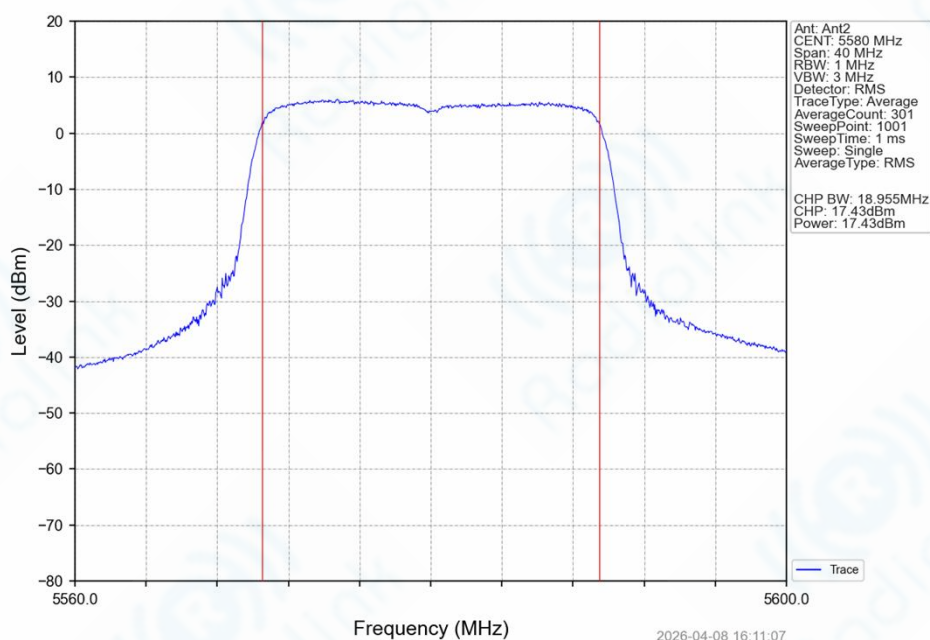
802.11ax(HEW20)_LCH_5500MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_MCH_5580MHz_SU / Ant1 NTN



802.11ax(HEW20)_MCH_5580MHz_SU / Ant2 NTN

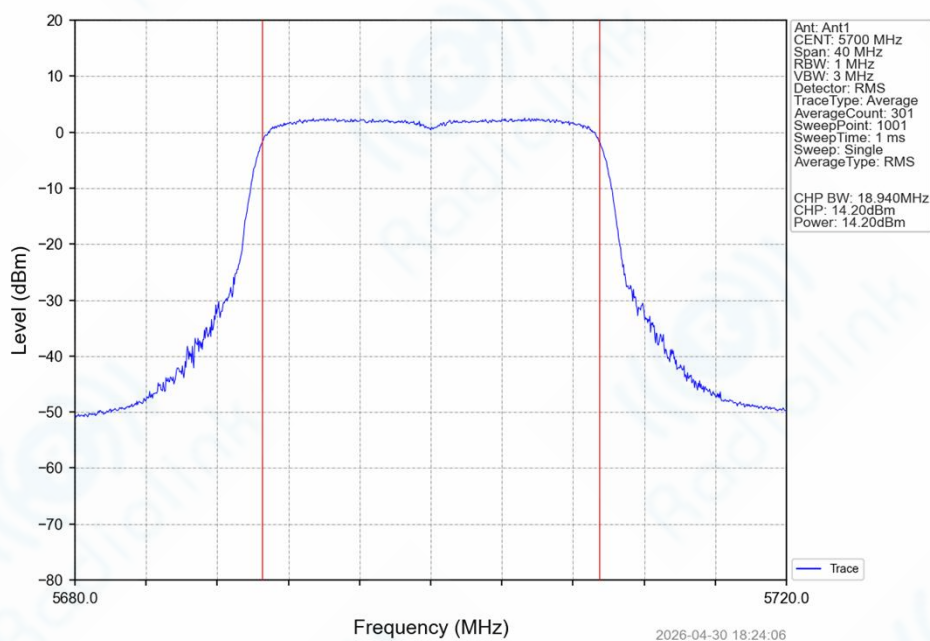


Radiolink Testing (Shenzhen) Co., Ltd.

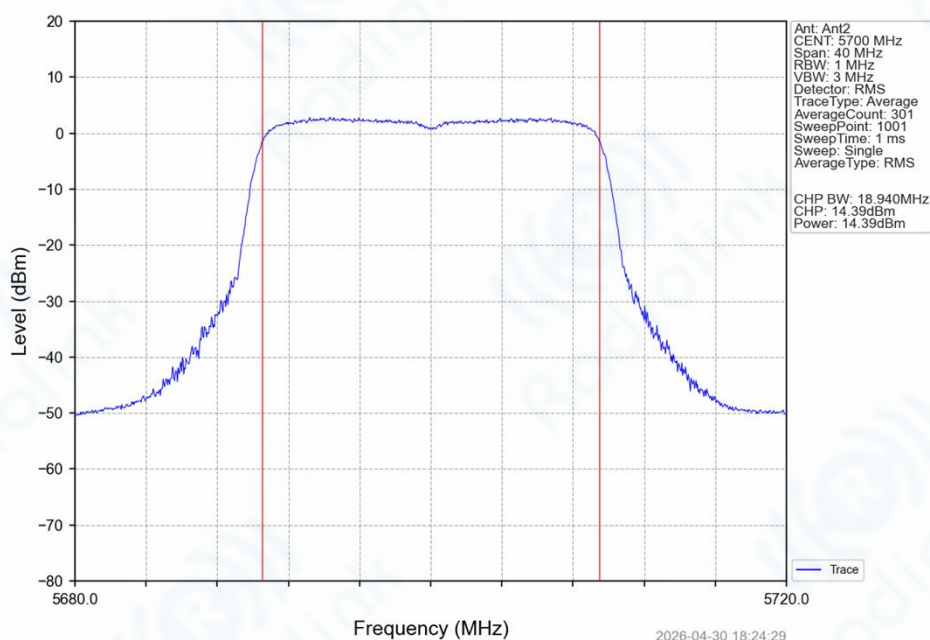
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11ax(HEW20)_HCH_5700MHz_SU_ / _Ant1_NTNV

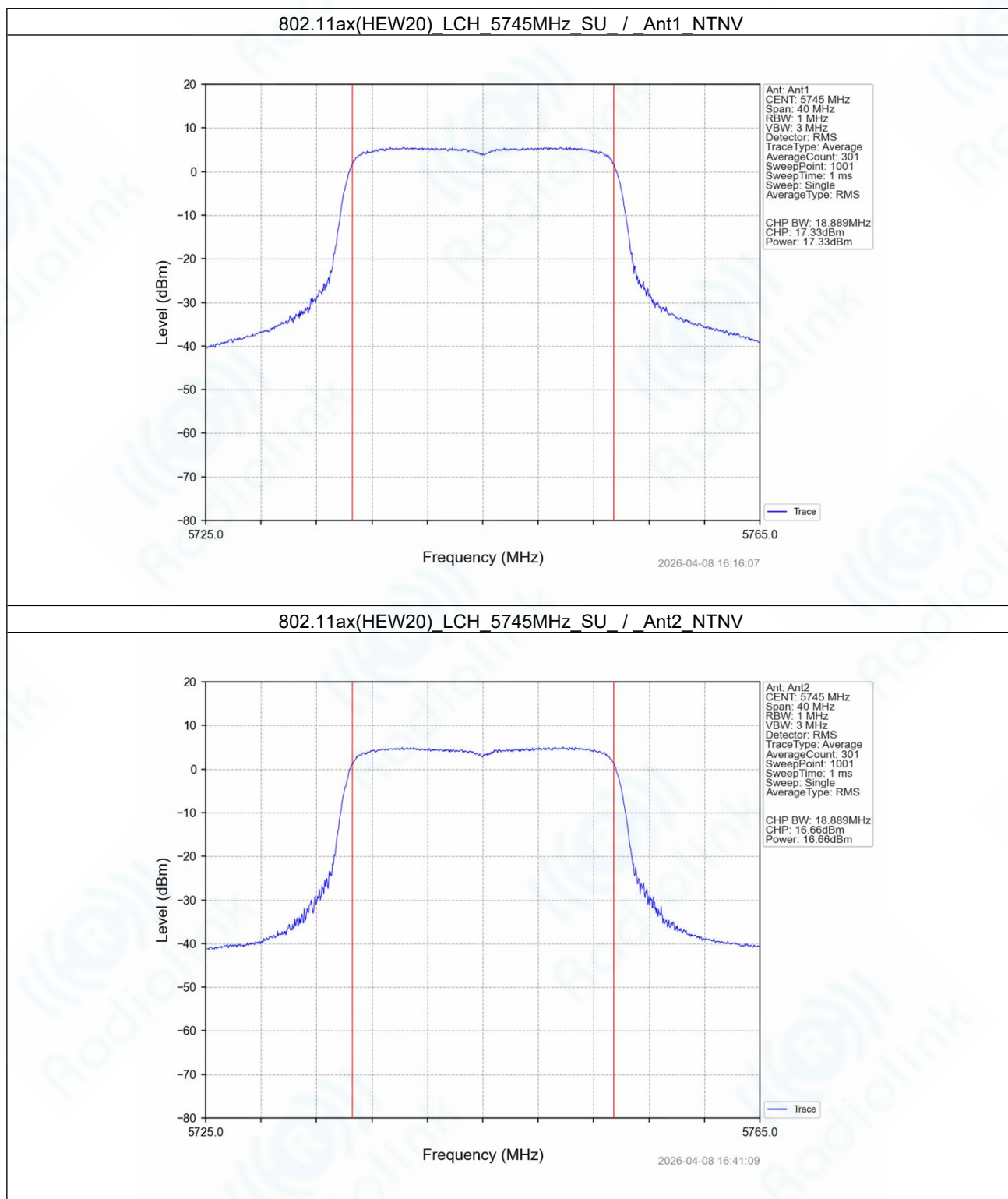


802.11ax(HEW20)_HCH_5700MHz_SU_ / _Ant2_NTNV

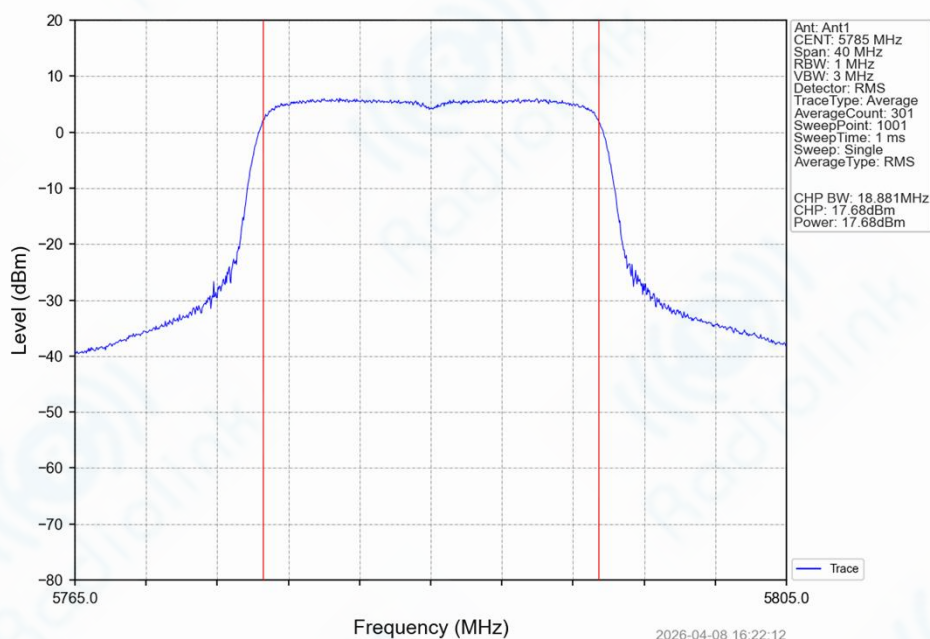

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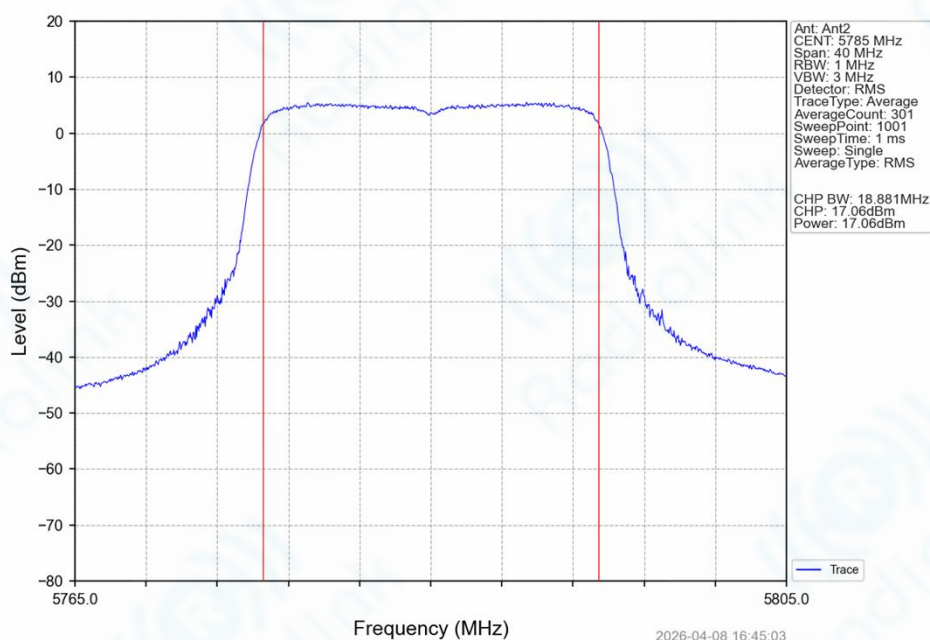
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802.11ax(HEW20)_MCH_5785MHz_SU / Ant1 NTN



802.11ax(HEW20)_MCH_5785MHz_SU / Ant2 NTN

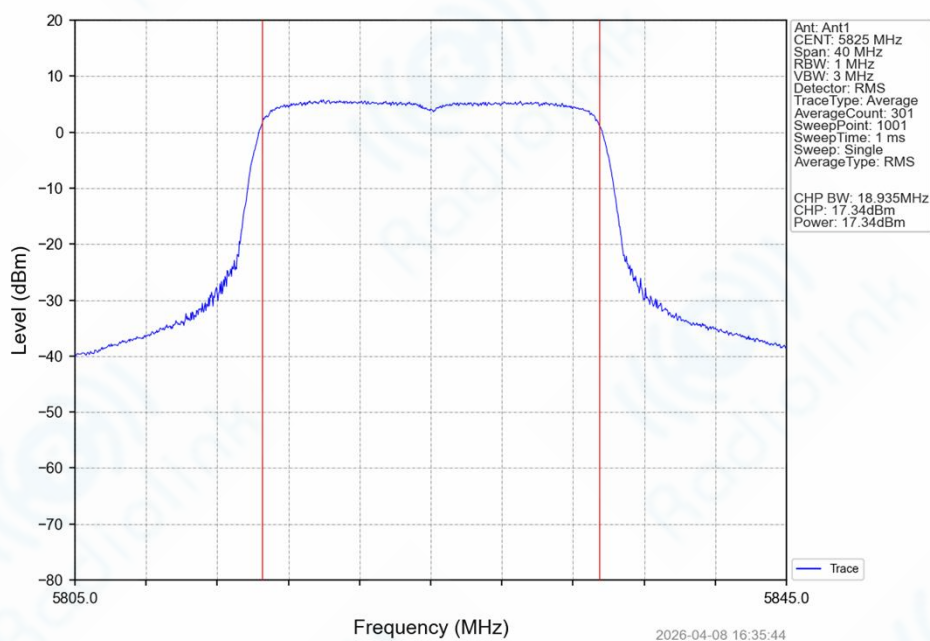


Radiolink Testing (Shenzhen) Co., Ltd.

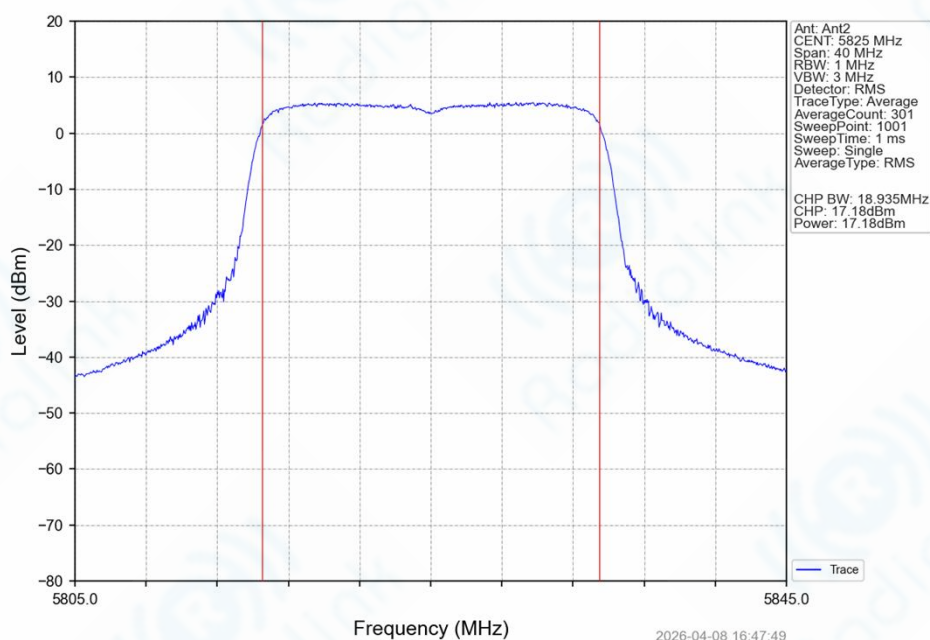
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802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant1_NTNV



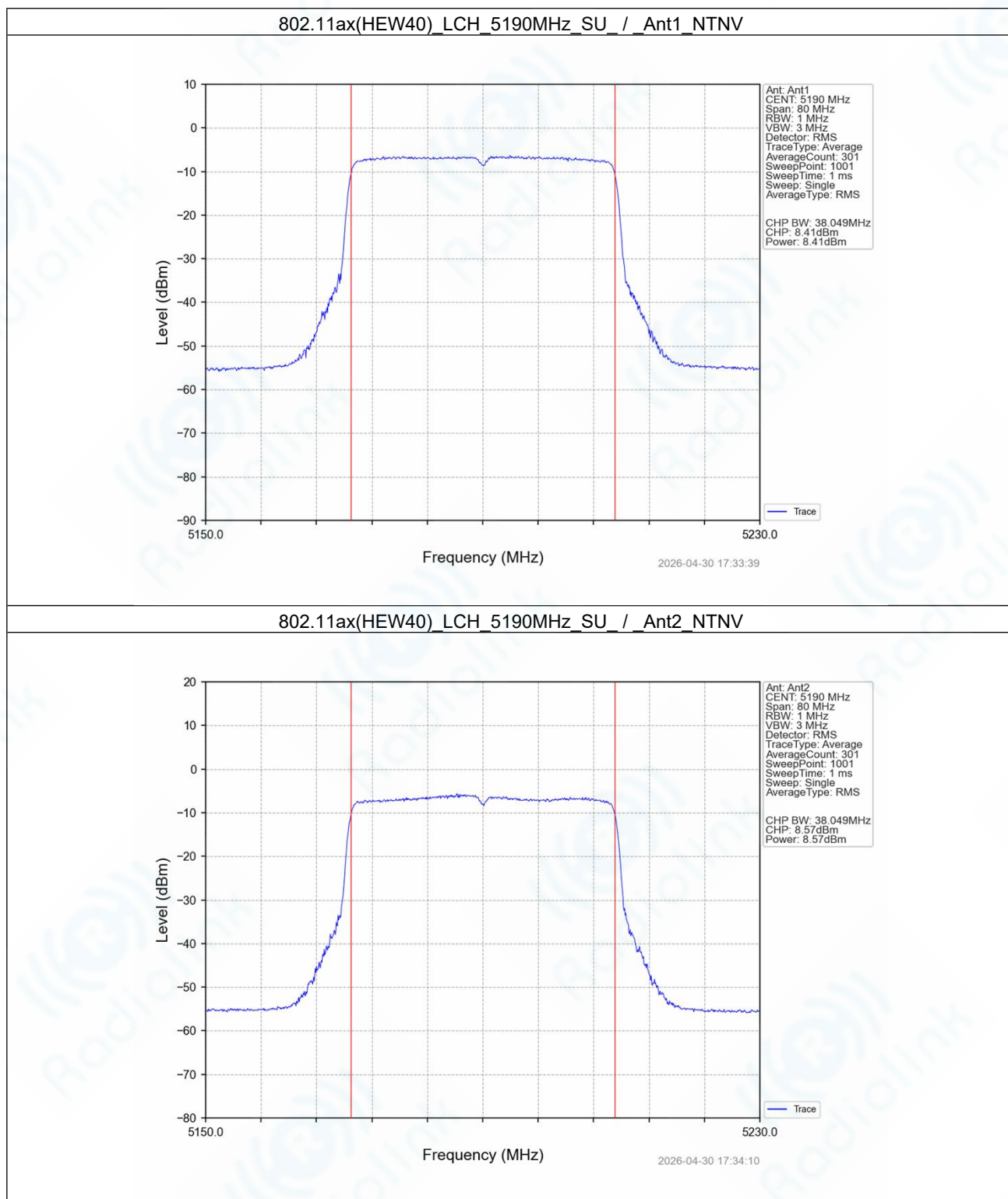
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant2_NTNV



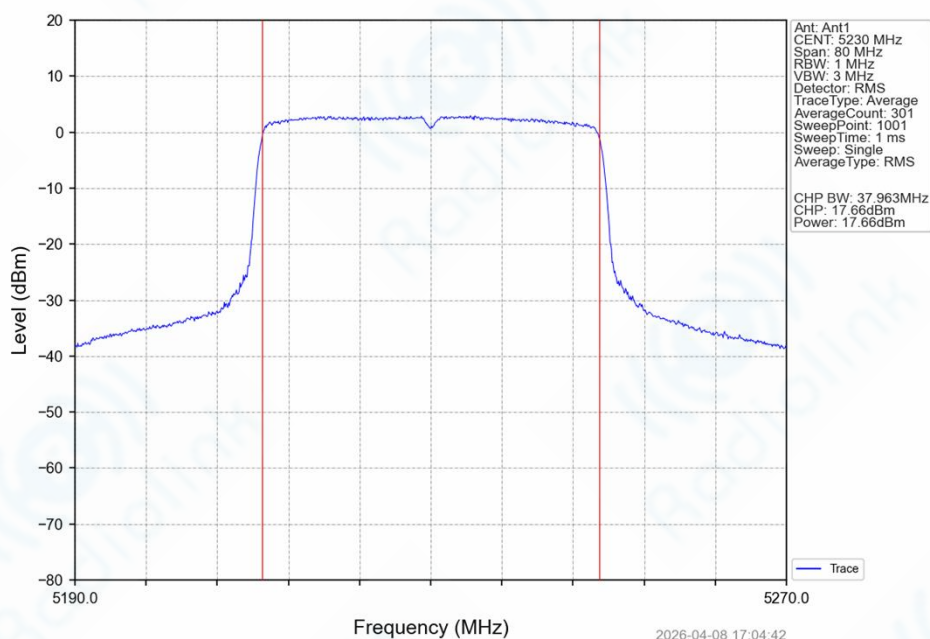
Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

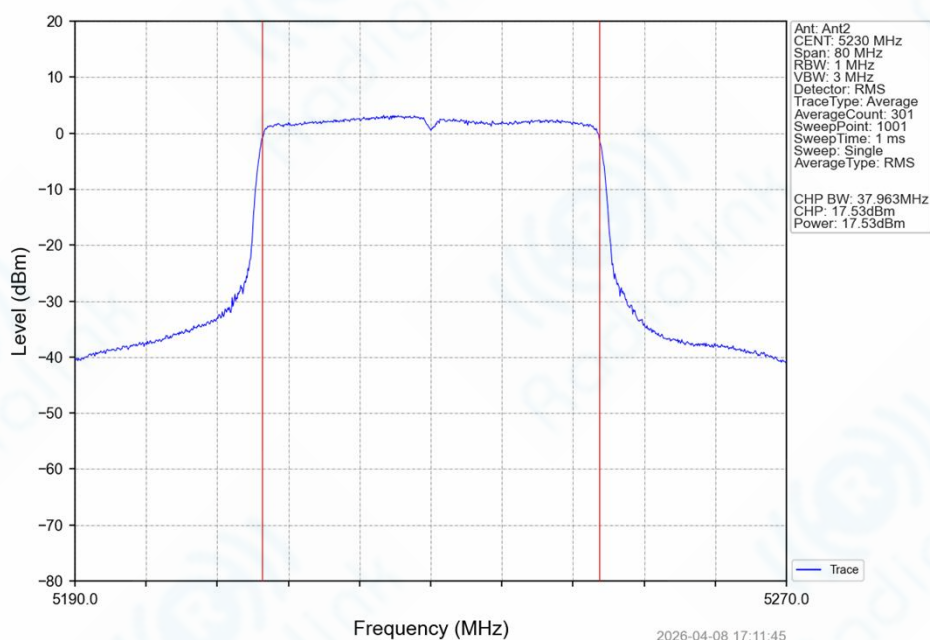
Tel: +86 0755 23080694



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant2_NTNV

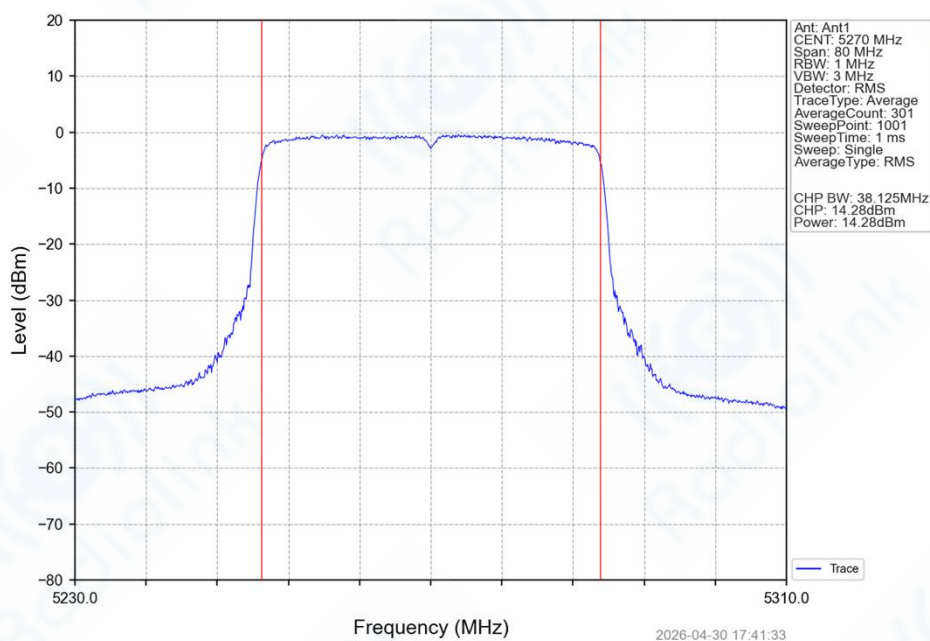


Radiolink Testing (Shenzhen) Co., Ltd.

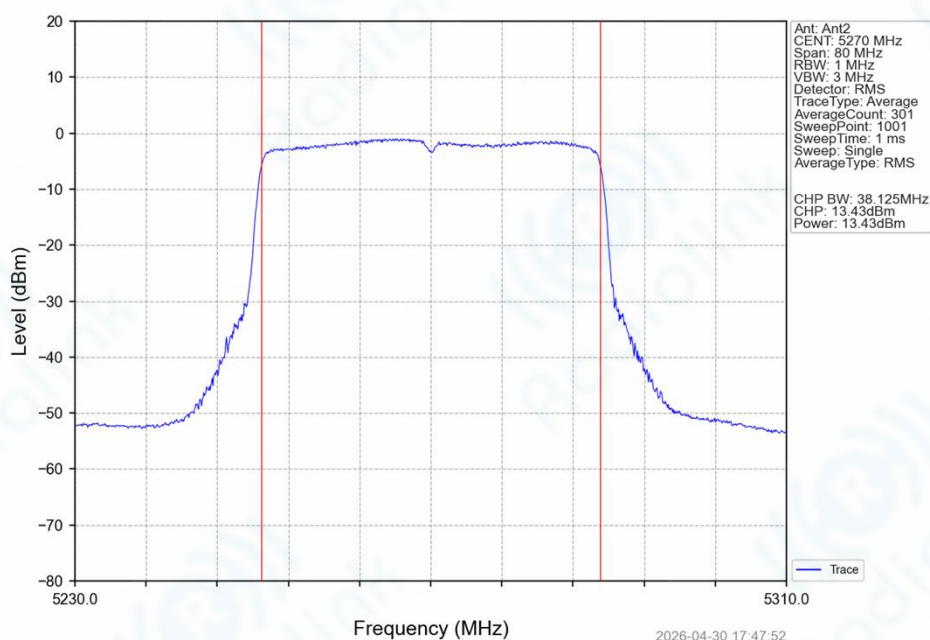
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11ax(HEW40)_LCH_5270MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_LCH_5270MHz_SU_/_Ant2_NTNV

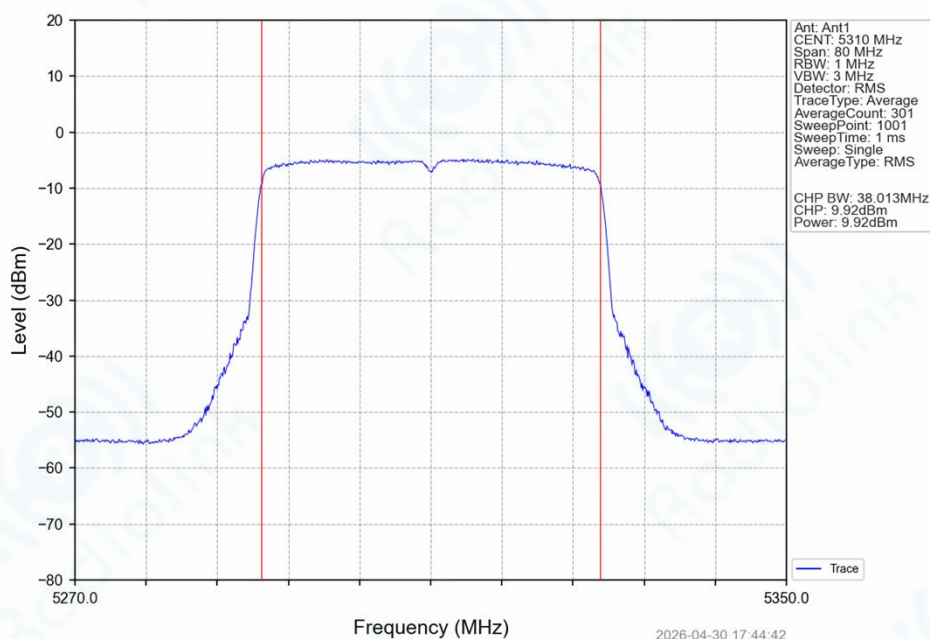


Radiolink Testing (Shenzhen) Co., Ltd.

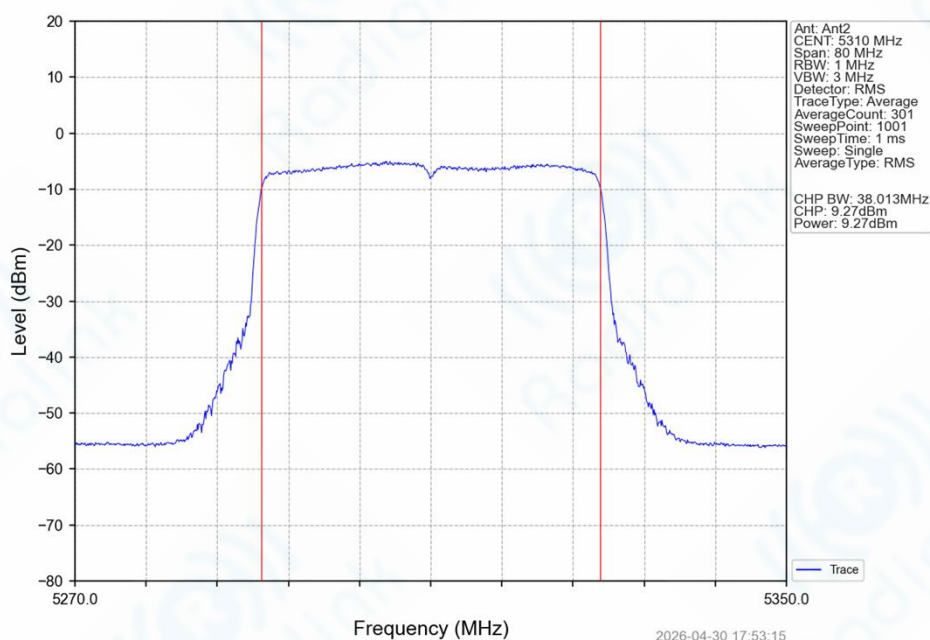
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

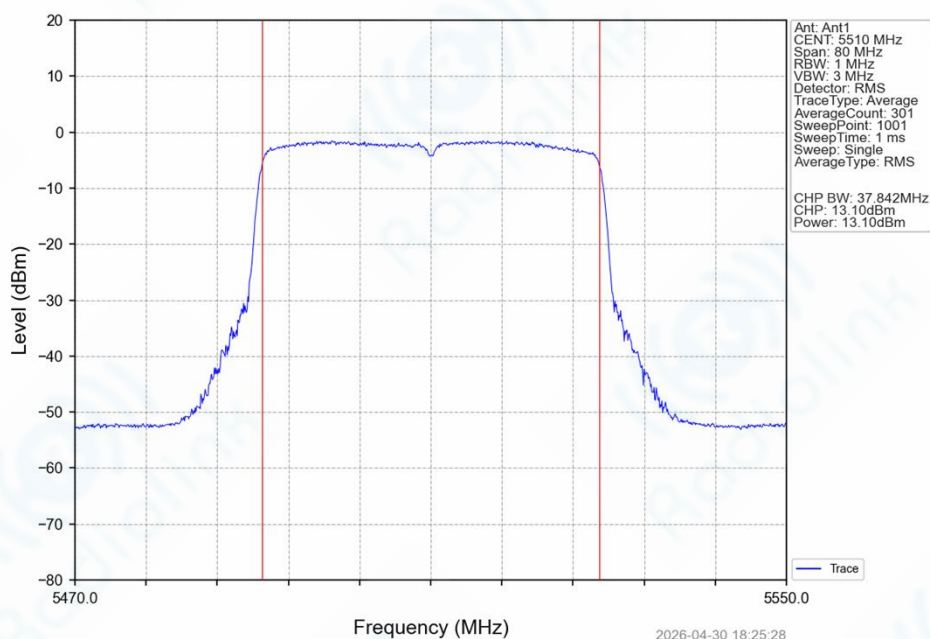
802.11ax(HEW40)_HCH_5310MHz_SU_/_Ant1_NTNV



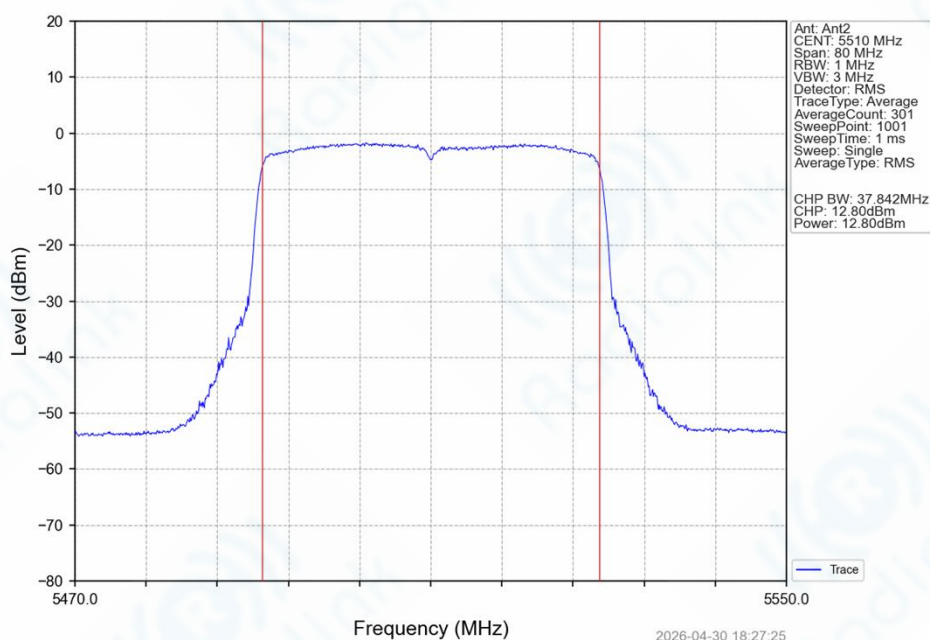
802.11ax(HEW40)_HCH_5310MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_LCH_5510MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_LCH_5510MHz_SU_ / _Ant2_NTNV

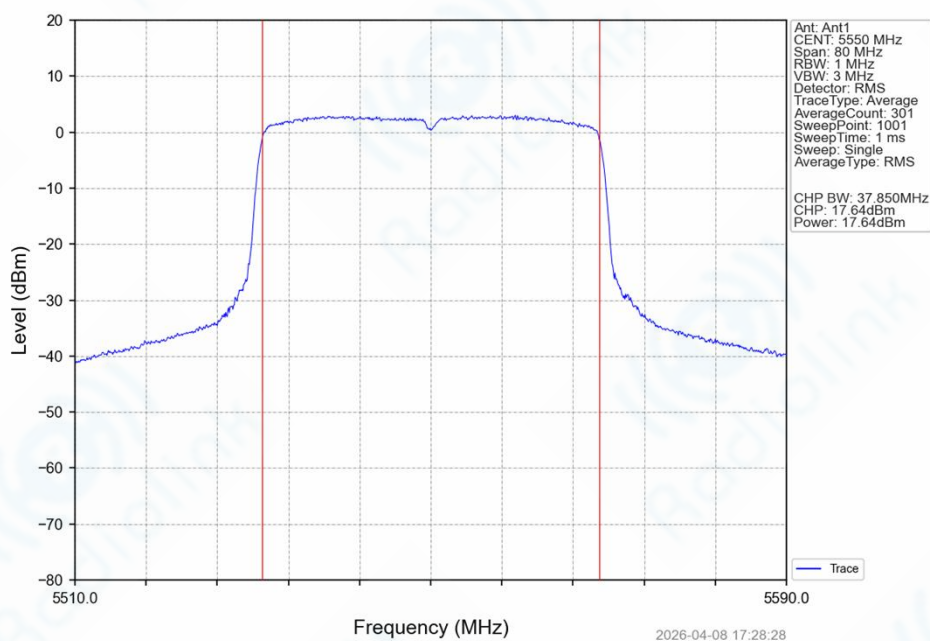


Radiolink Testing (Shenzhen) Co., Ltd.

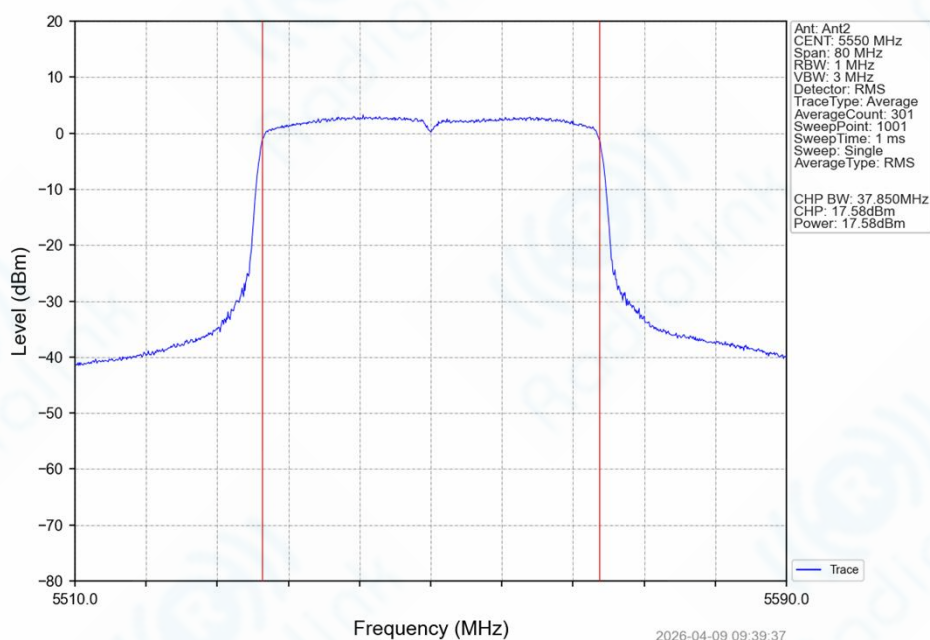
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802.11ax(HEW40)_MCH_5550MHz_SU / _Ant1_NTNV



802.11ax(HEW40)_MCH_5550MHz_SU / _Ant2_NTNV

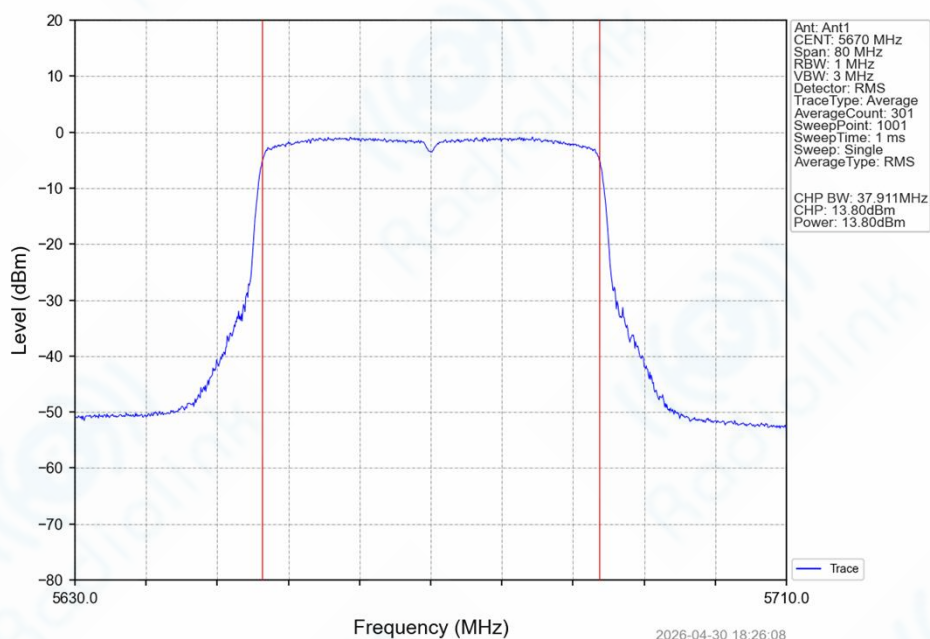


Radiolink Testing (Shenzhen) Co., Ltd.

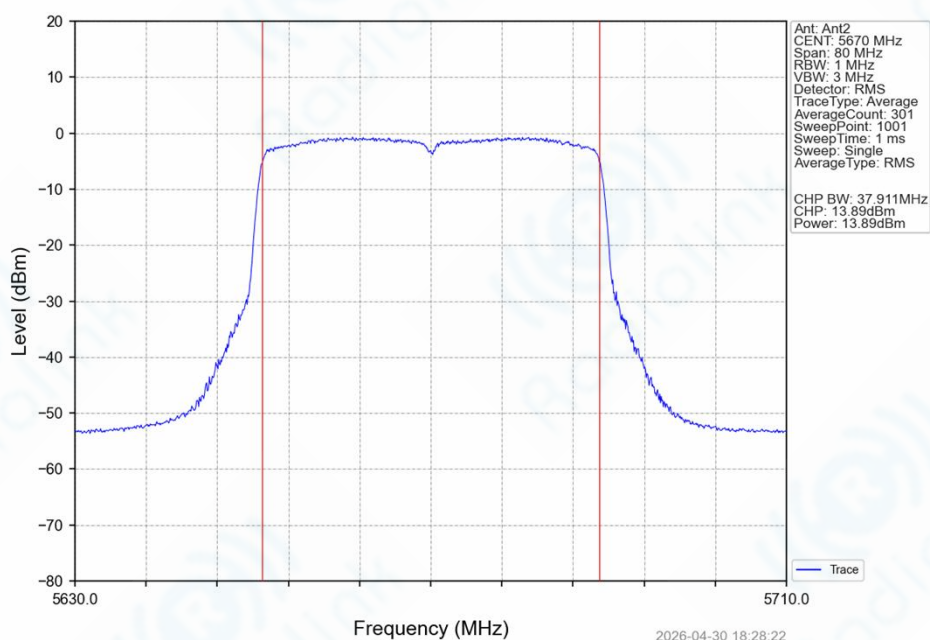
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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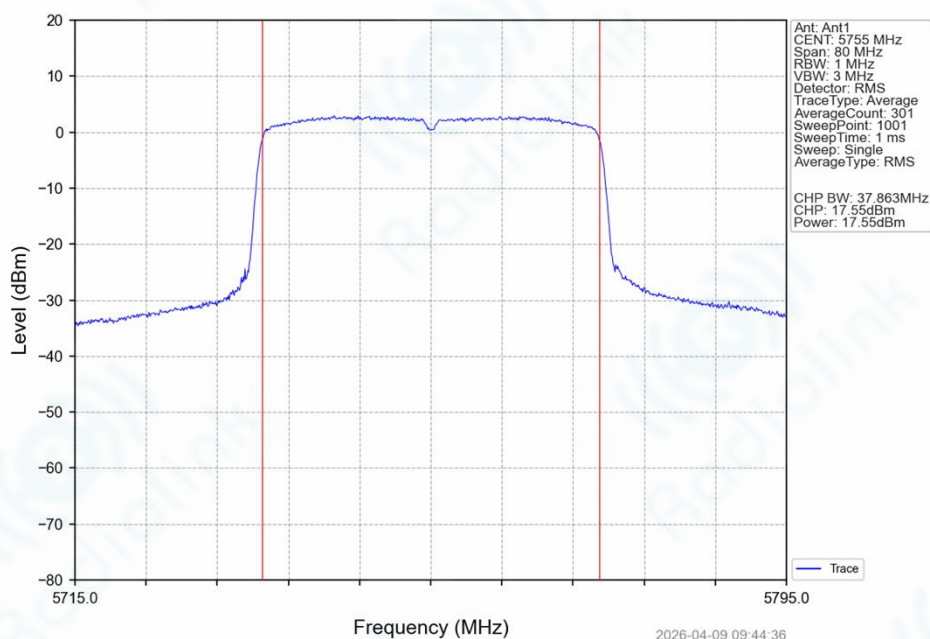
802.11ax(HEW40)_HCH_5670MHz_SU_/_Ant1_NTNV



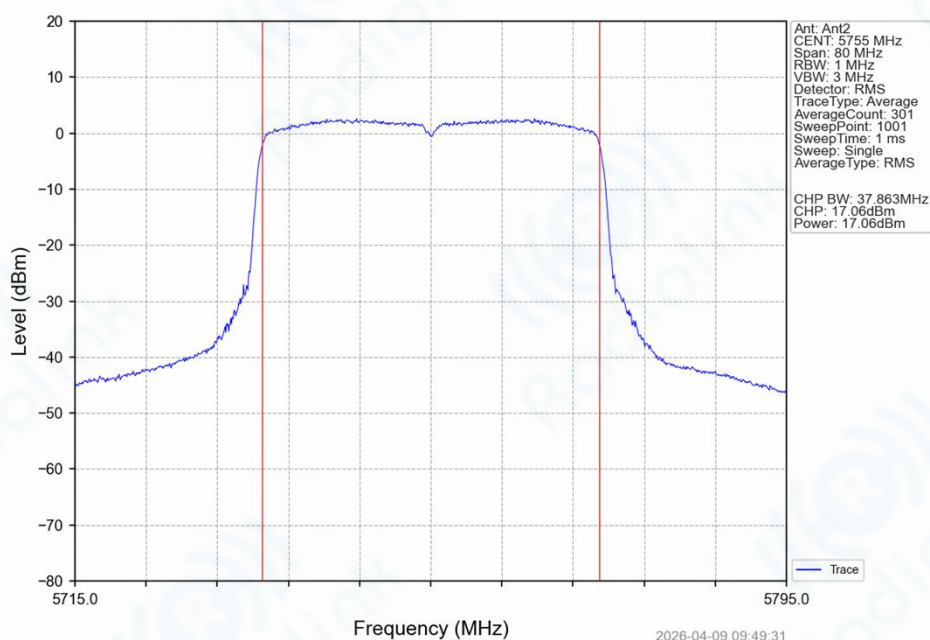
802.11ax(HEW40)_HCH_5670MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant2_NTNV

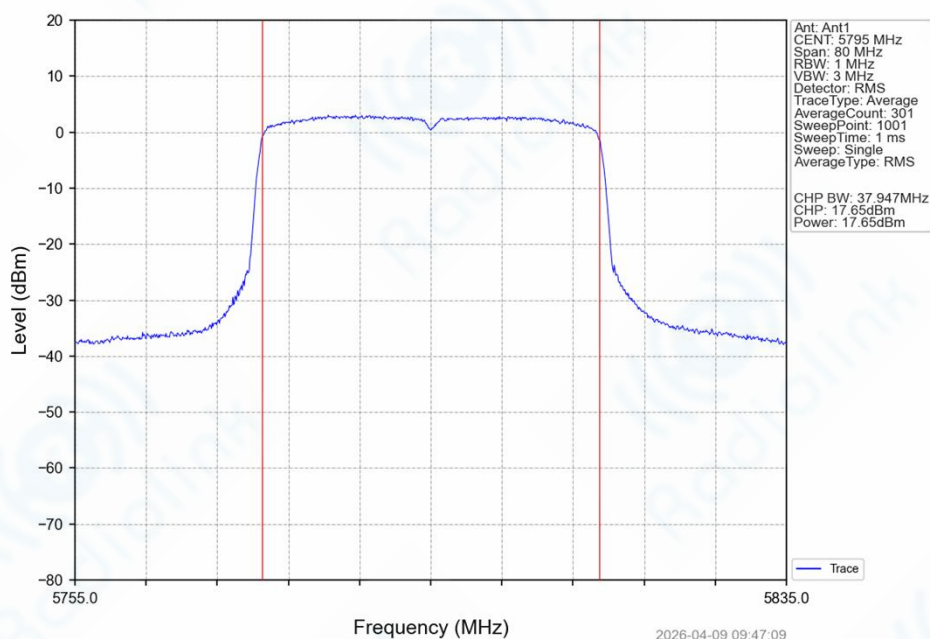


Radiolink Testing (Shenzhen) Co., Ltd.

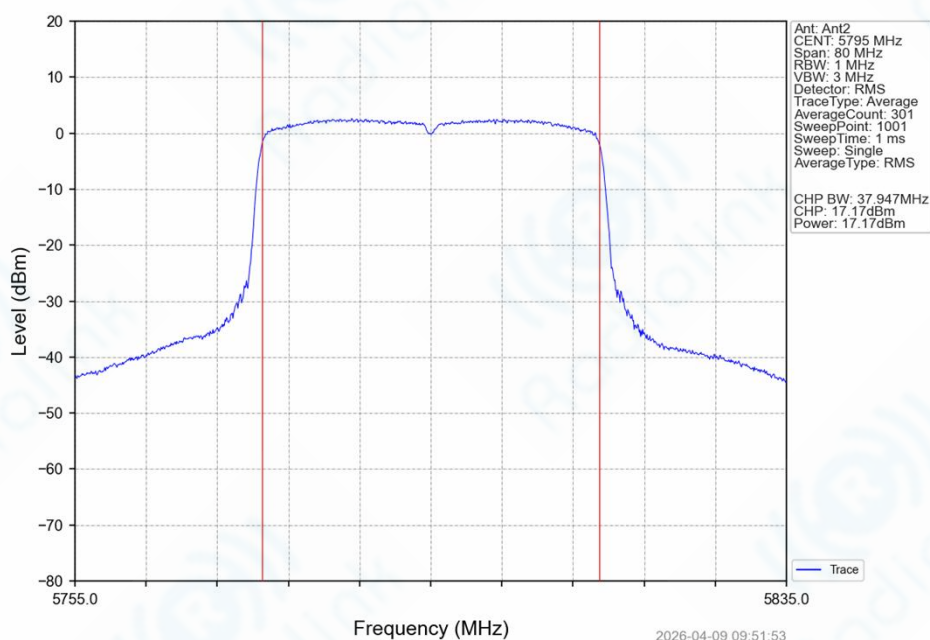
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV

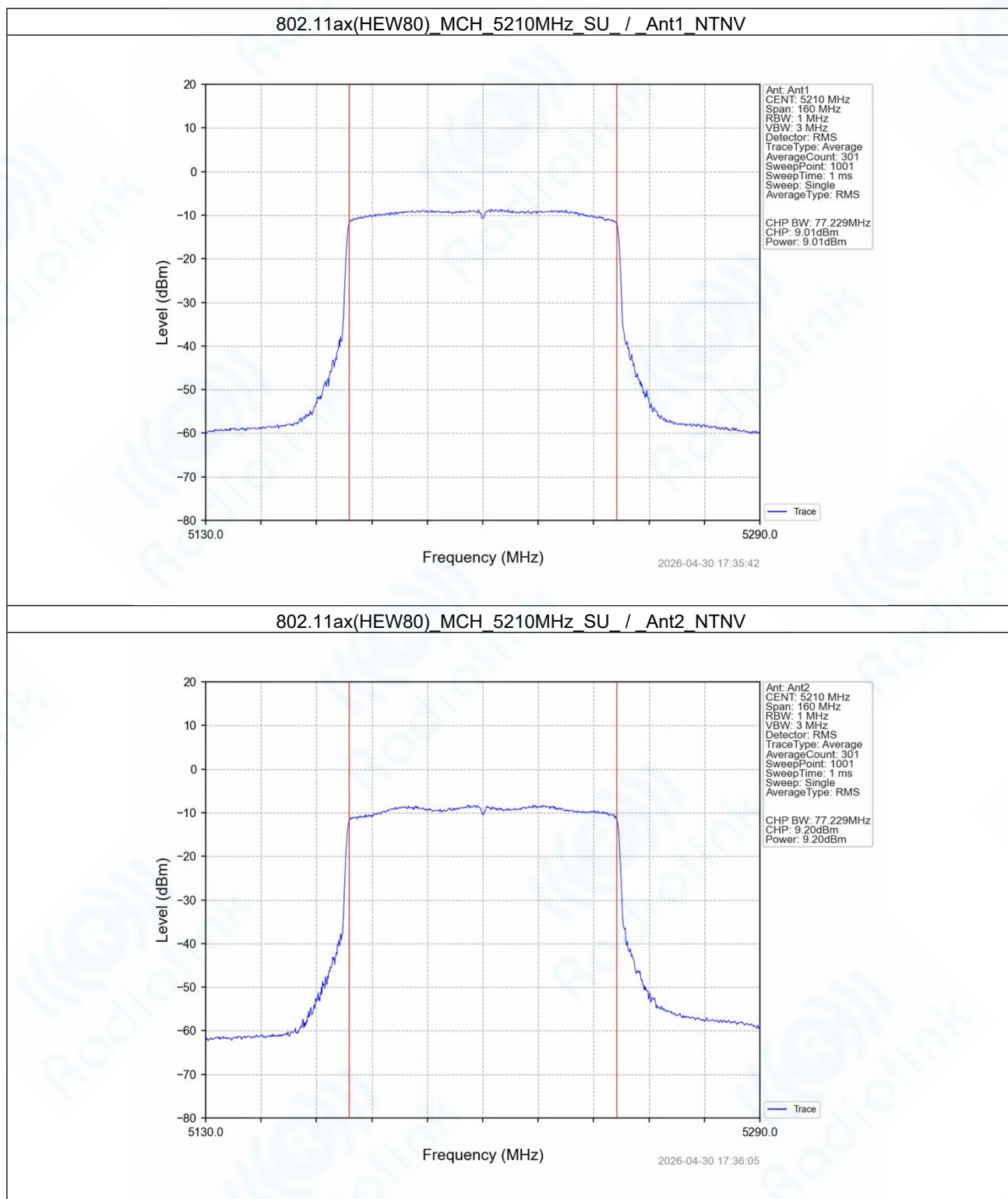


802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant2_NTNV

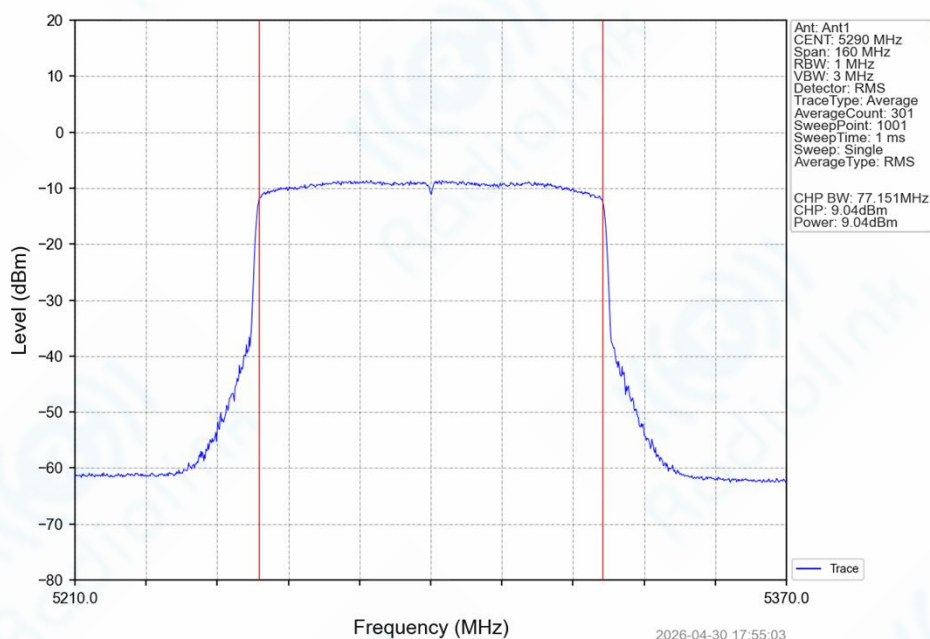

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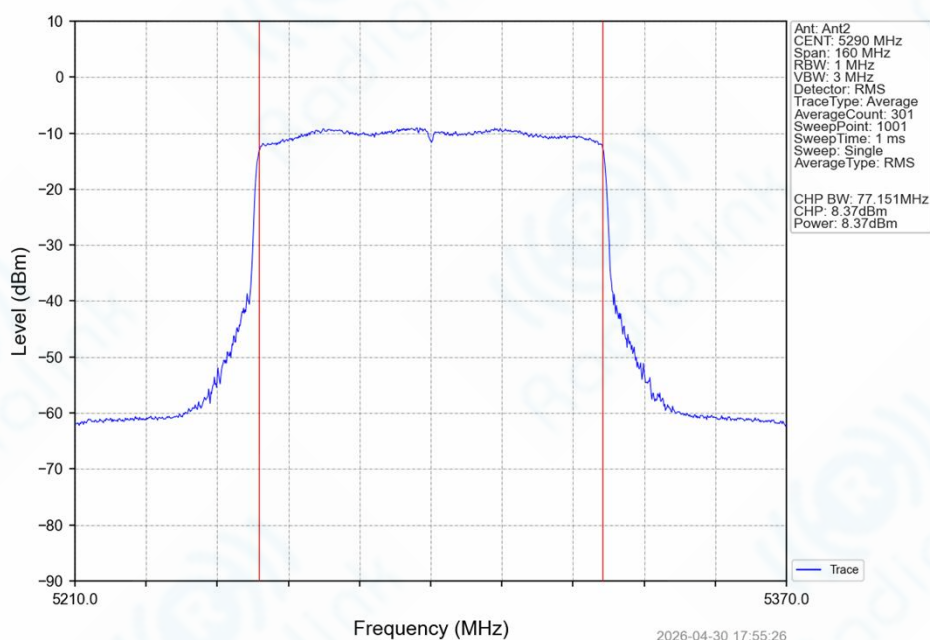
Tel: +86 0755 23080694



802.11ax(HEW80)_MCH_5290MHz_SU / _Ant1_NTNV



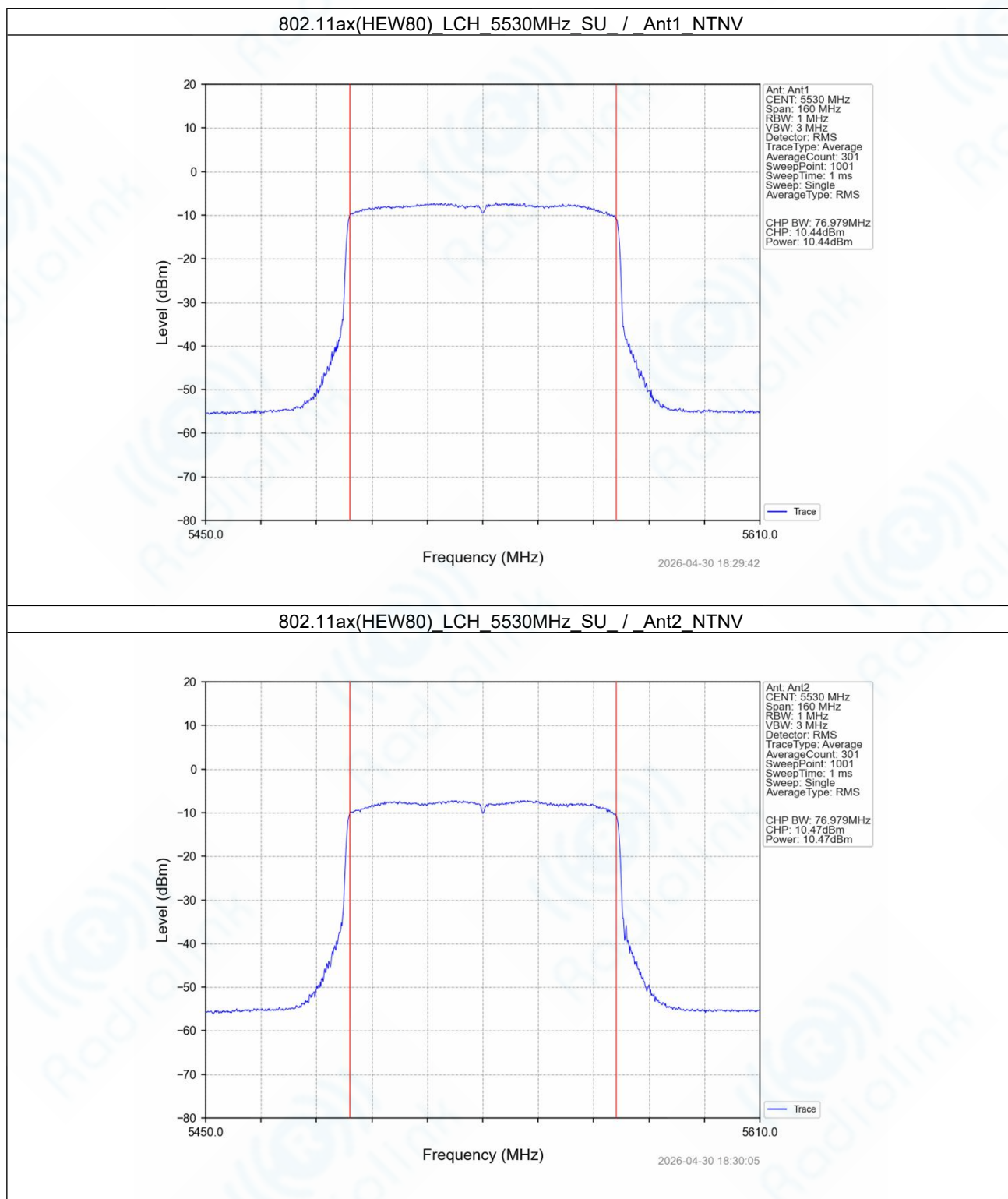
802.11ax(HEW80)_MCH_5290MHz_SU / _Ant2_NTNV



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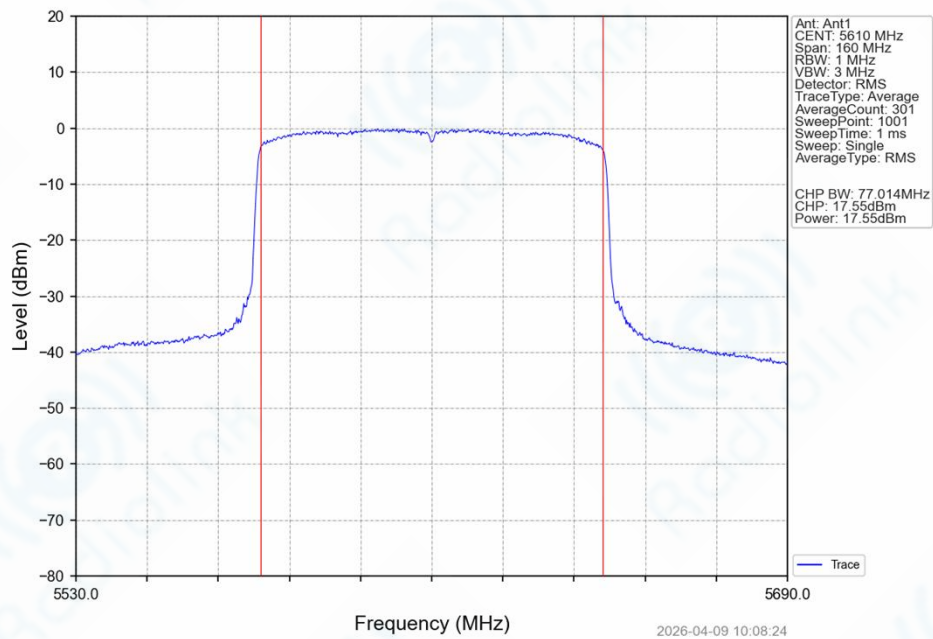


Radiolink Testing (Shenzhen) Co., Ltd.

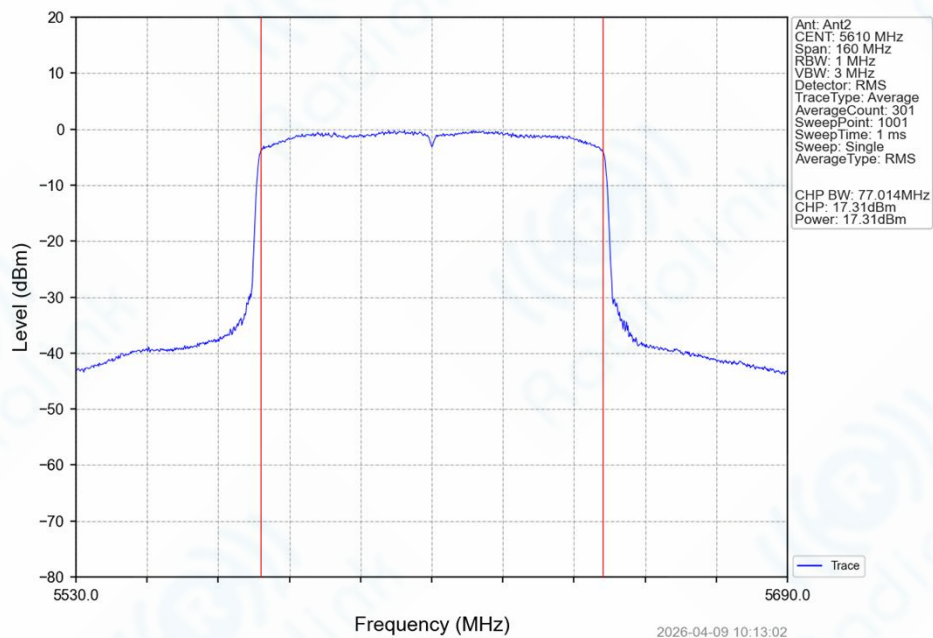
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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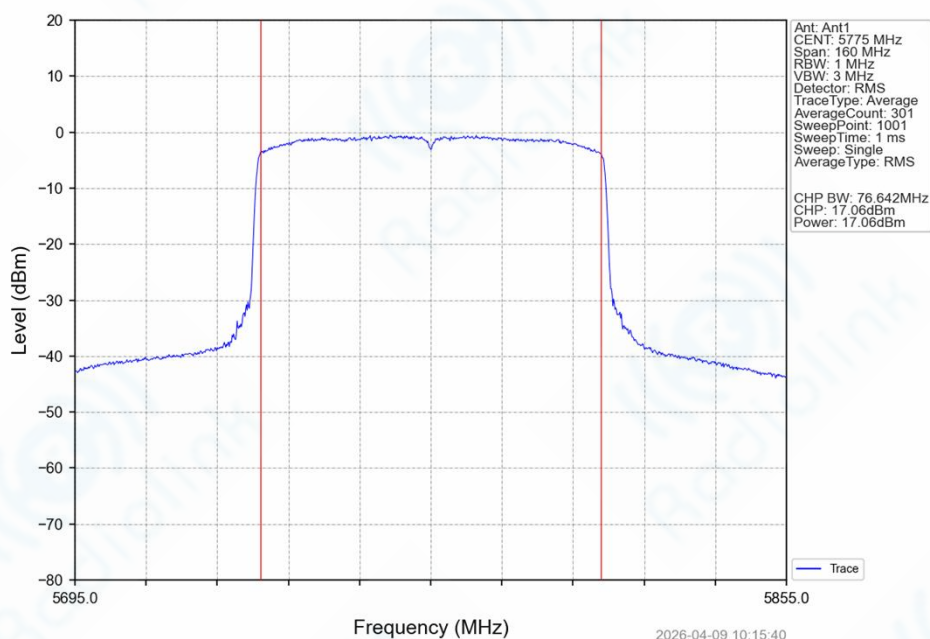
802.11ax(HEW80)_HCH_5610MHz_SU_ / _Ant1_NTNV



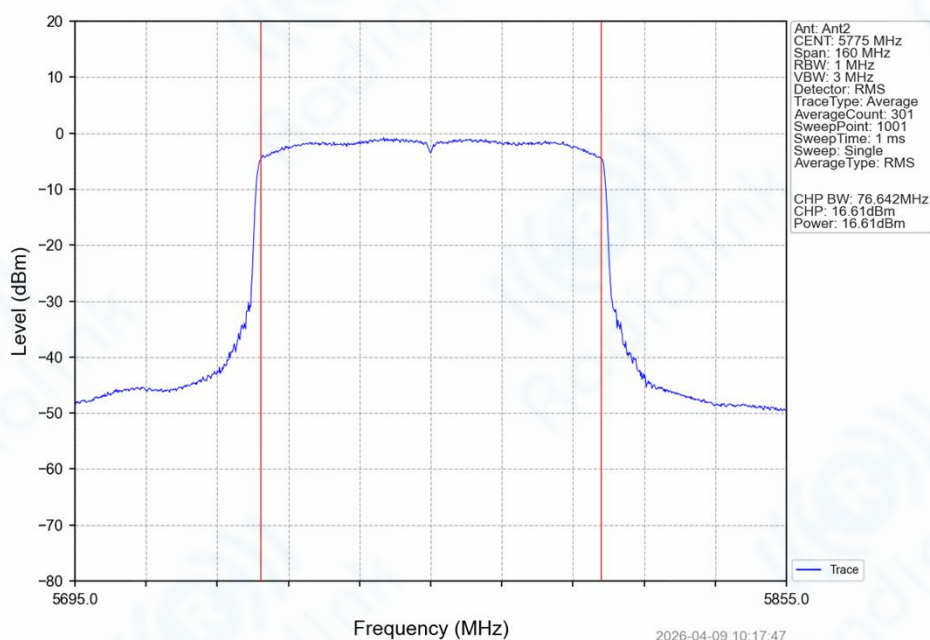
802.11ax(HEW80)_HCH_5610MHz_SU_ / _Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant2_NTNV



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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	/	/	4.47	7.45	/	<=11	Pass
		5200	/	/	7.48	7.44	/	<=11	Pass
		5240	/	/	7.36	7.30	/	<=11	Pass
		5260	/	/	7.76	7.45	/	<=11	Pass
		5300	/	/	7.57	7.26	/	<=11	Pass
		5320	/	/	4.83	7.69	/	<=11	Pass
		5500	/	/	7.79	7.61	/	<=11	Pass
		5580	/	/	7.92	7.70	/	<=11	Pass
		5700	/	/	7.61	7.28	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	3.08	3.63	6.24	<=11	Pass
		5200	/	/	7.23	7.41	10.13	<=11	Pass
		5240	/	/	7.11	7.14	9.93	<=11	Pass
		5260	/	/	7.48	6.93	9.96	<=11	Pass
		5300	/	/	7.26	6.93	9.82	<=11	Pass
		5320	/	/	4.61	4.17	7.23	<=11	Pass
		5500	/	/	-2.47	-2.09	0.54	<=11	Pass
		5580	/	/	7.54	7.55	10.37	<=11	Pass
		5700	/	/	0.57	0.68	3.50	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-5.65	-5.12	-2.52	<=11	Pass
		5230	/	/	3.65	3.89	6.63	<=11	Pass
		5270	/	/	3.94	3.33	6.43	<=11	Pass
		5310	/	/	-5.08	-5.11	-2.30	<=11	Pass
		5510	/	/	-6.29	-5.90	-3.40	<=11	Pass
		5550	/	/	4.33	4.09	7.09	<=11	Pass
		5670	/	/	4.25	4.13	7.07	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	6.80	6.93	9.80	<=11	Pass
		5200	/	/	6.78	6.99	9.68	<=11	Pass
		5240	/	/	6.64	6.67	9.56	<=11	Pass
		5260	/	/	6.99	6.31	9.47	<=11	Pass
		5300	/	/	6.67	6.21	9.35	<=11	Pass
		5320	/	/	3.62	3.48	6.35	<=11	Pass
		5500	/	/	6.75	6.55	9.37	<=11	Pass
		5580	/	/	7.00	6.49	9.52	<=11	Pass
		5700	/	/	2.24	2.53	5.31	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-5.07	-4.63	-1.97	<=11	Pass
		5230	/	/	2.85	3.07	5.74	<=11	Pass
		5270	/	/	3.05	2.50	5.59	<=11	Pass
		5310	/	/	-5.10	-5.13	-2.28	<=11	Pass
		5510	/	/	-2.79	-2.68	0.09	<=11	Pass
		5550	/	/	2.69	2.65	5.57	<=11	Pass
		5670	/	/	3.02	2.57	5.77	<=11	Pass

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802.11ac (VHT80)	MIMO	5210	/	/	-8.09	-7.82	-5.04	<=11	Pass
		5290	/	/	-8.45	-8.81	-5.85	<=11	Pass
		5530	/	/	-6.47	-6.47	-3.64	<=11	Pass
		5610	/	/	-0.37	-0.88	2.30	<=11	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2.68	2.96	5.73	<=11	Pass
		5200	SU	/	6.36	6.49	9.24	<=11	Pass
		5240	SU	/	6.41	6.18	9.08	<=11	Pass
		5260	SU	/	6.17	5.76	8.85	<=11	Pass
		5300	SU	/	6.00	5.53	8.64	<=11	Pass
		5320	SU	/	2.14	1.90	4.76	<=11	Pass
		5500	SU	/	6.26	6.02	9.02	<=11	Pass
		5580	SU	/	6.38	6.03	9.02	<=11	Pass
802.11ax (HEW40)	MIMO	5700	SU	/	2.52	2.73	5.63	<=11	Pass
		5190	SU	/	-6.36	-5.85	-3.26	<=11	Pass
		5230	SU	/	2.97	3.14	5.94	<=11	Pass
		5270	SU	/	-0.39	-0.99	2.15	<=11	Pass
		5310	SU	/	-4.58	-5.20	-2.15	<=11	Pass
		5510	SU	/	-1.44	-1.59	1.32	<=11	Pass
		5550	SU	/	3.12	3.06	5.86	<=11	Pass
		5670	SU	/	-0.66	-0.72	2.13	<=11	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-8.64	-8.17	-5.57	<=11	Pass
		5290	SU	/	-8.48	-9.04	-5.93	<=11	Pass
		5530	SU	/	-7.17	-7.10	-4.32	<=11	Pass
		5610	SU	/	0.05	-0.17	2.83	<=11	Pass

Note1: Antenna Gain:

- Band: 3 Ant1: -3.50dBi;
- Band: 2A Ant1: -3.50dBi;
- Band: 2C Ant1: -3.50dBi;
- Band: 1 Ant1: -3.50dBi;
- Band: 3 Ant2: -3.60dBi;
- Band: 2A Ant2: -3.60dBi;
- Band: 2C Ant2: -3.60dBi;
- Band: 1 Ant2: -3.60dBi;

Note2: Directional Gain: Band1: -0.49dBi, Band2A: -0.49dBi, Band2C: -0.49dBi, Band3: -0.49dBi



4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	7.37	7.30	/	<=30	Pass
		5785	/	/	7.59	7.50	/	<=30	Pass
		5825	/	/	7.13	7.77	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	7.32	6.92	9.96	<=30	Pass
		5785	/	/	7.50	7.06	10.18	<=30	Pass
		5825	/	/	7.01	6.97	9.84	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	3.69	3.38	6.42	<=30	Pass
		5795	/	/	3.81	3.54	6.58	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	6.42	5.77	9.02	<=30	Pass
		5785	/	/	6.44	5.99	9.14	<=30	Pass
		5825	/	/	6.01	6.01	8.93	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	2.46	1.95	5.10	<=30	Pass
		5795	/	/	2.37	2.26	5.08	<=30	Pass
802.11ac	MIMO	5775	/	/	-1.03	-1.15	1.76	<=30	Pass

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(VHT80)									
802.11ax (HEW20)	MIMO	5745	SU	/	5.88	5.09	8.41	<=30	Pass
		5785	SU	/	5.83	5.24	8.53	<=30	Pass
		5825	SU	/	5.53	5.32	8.32	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	2.48	2.12	5.29	<=30	Pass
		5795	SU	/	2.54	2.49	5.41	<=30	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-0.68	-0.88	2.01	<=30	Pass

Note1: Antenna Gain:

- Band: 1 Ant1: -3.50dBi;
- Band: 3 Ant1: -3.50dBi;
- Band: 2A Ant1: -3.50dBi;
- Band: 2C Ant1: -3.50dBi;
- Band: 1 Ant2: -3.60dBi;
- Band: 3 Ant2: -3.60dBi;
- Band: 2A Ant2: -3.60dBi;
- Band: 2C Ant2: -3.60dBi;



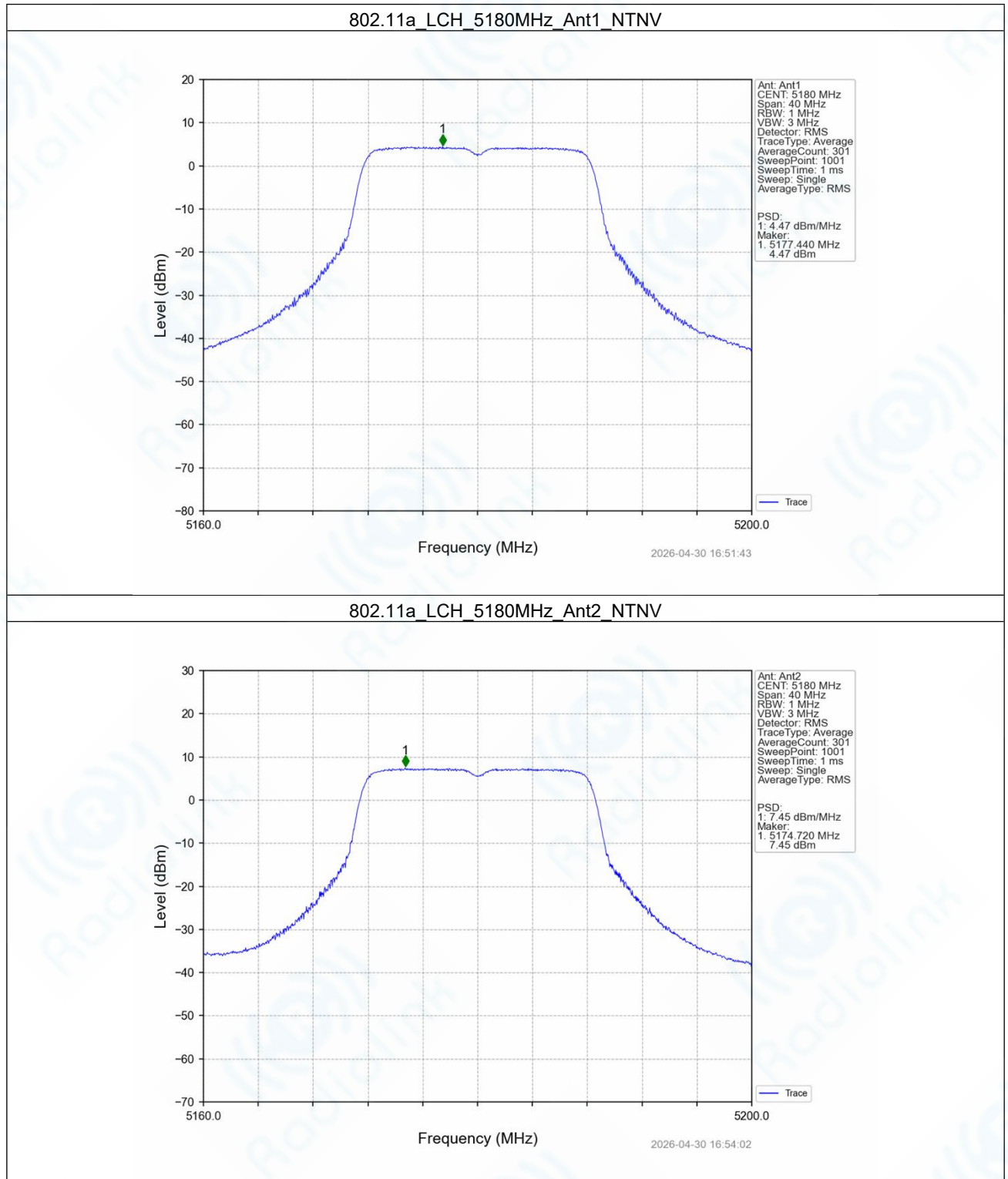
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4.2 Test Graph

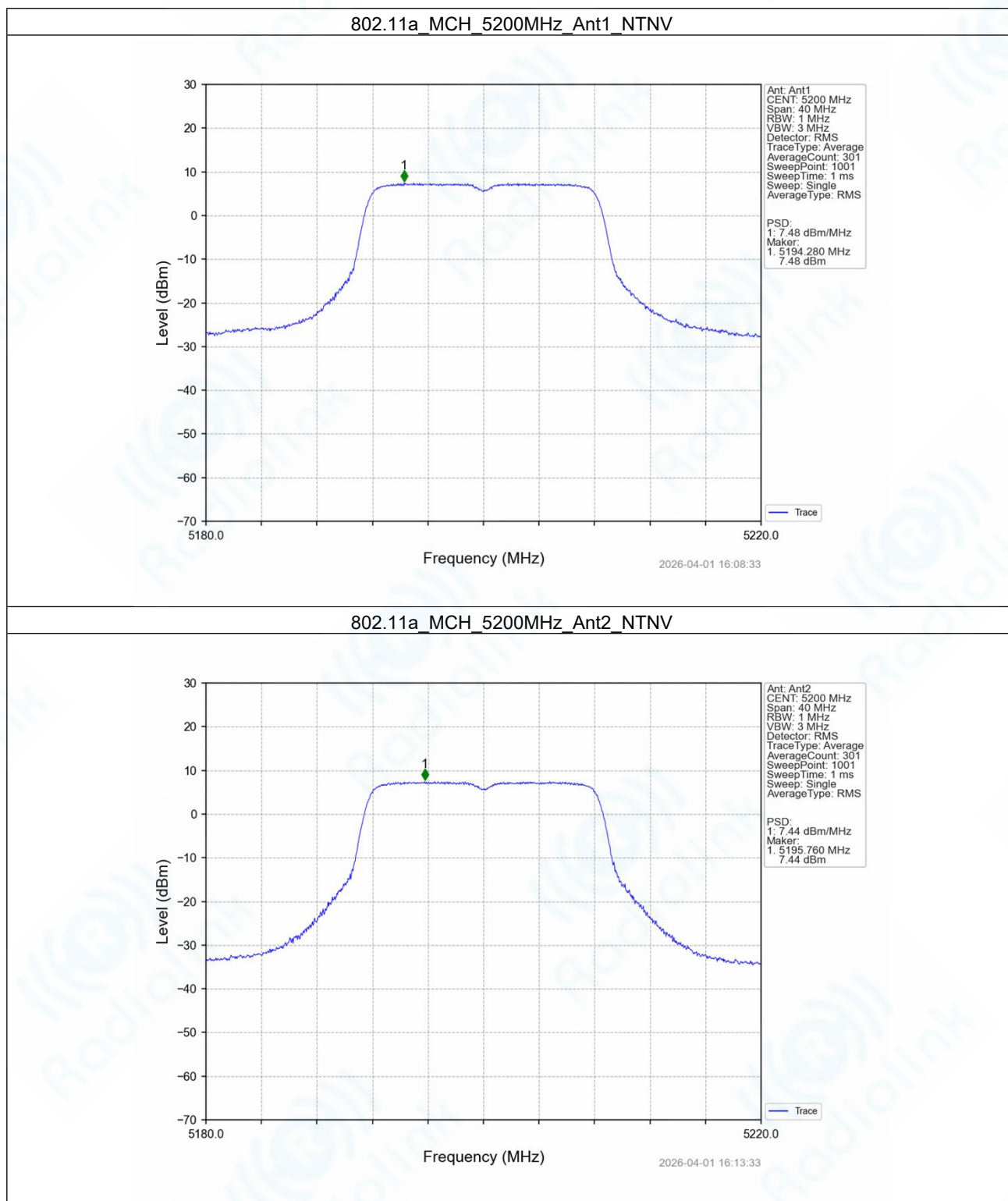
4.2.1 PSD

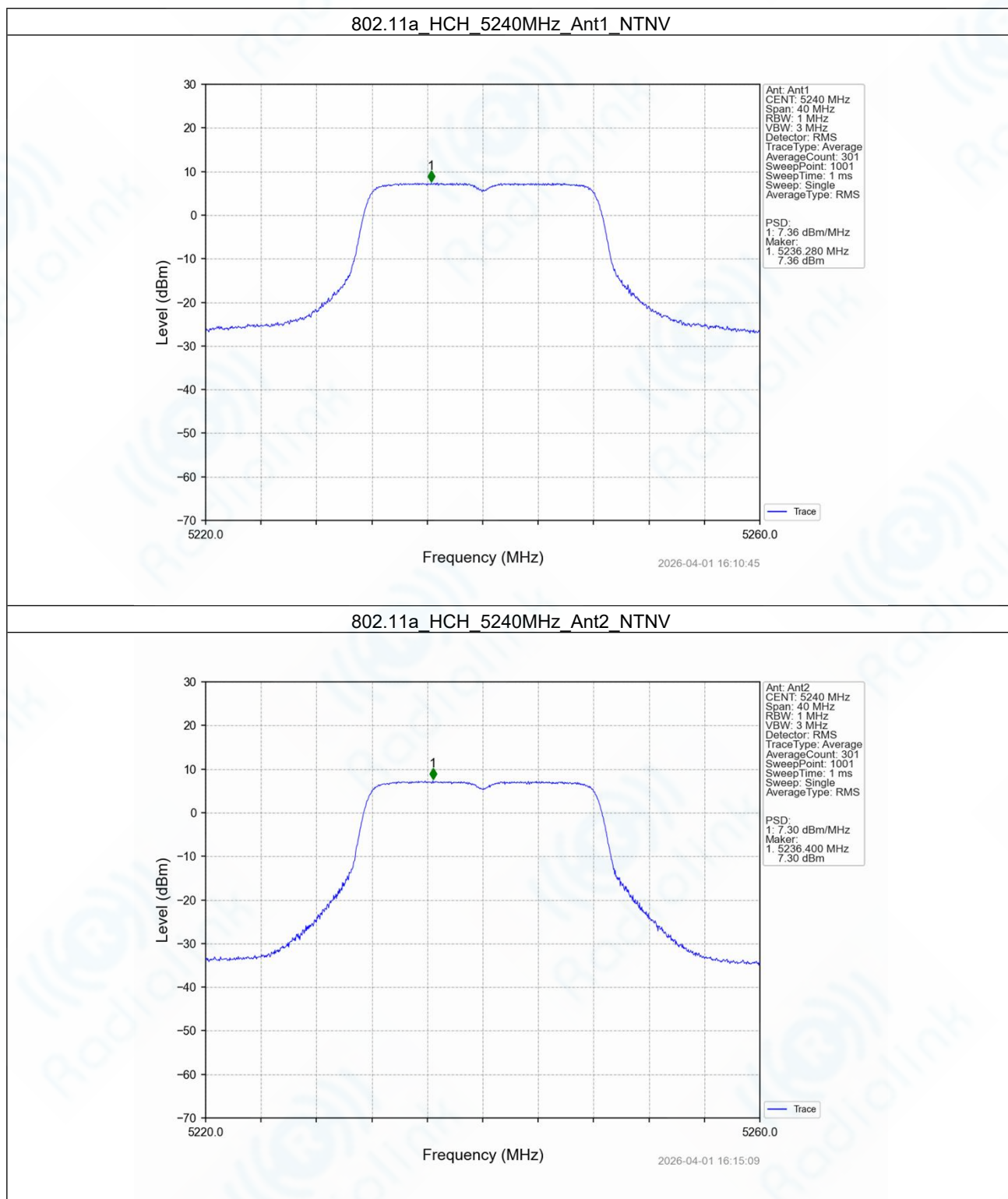


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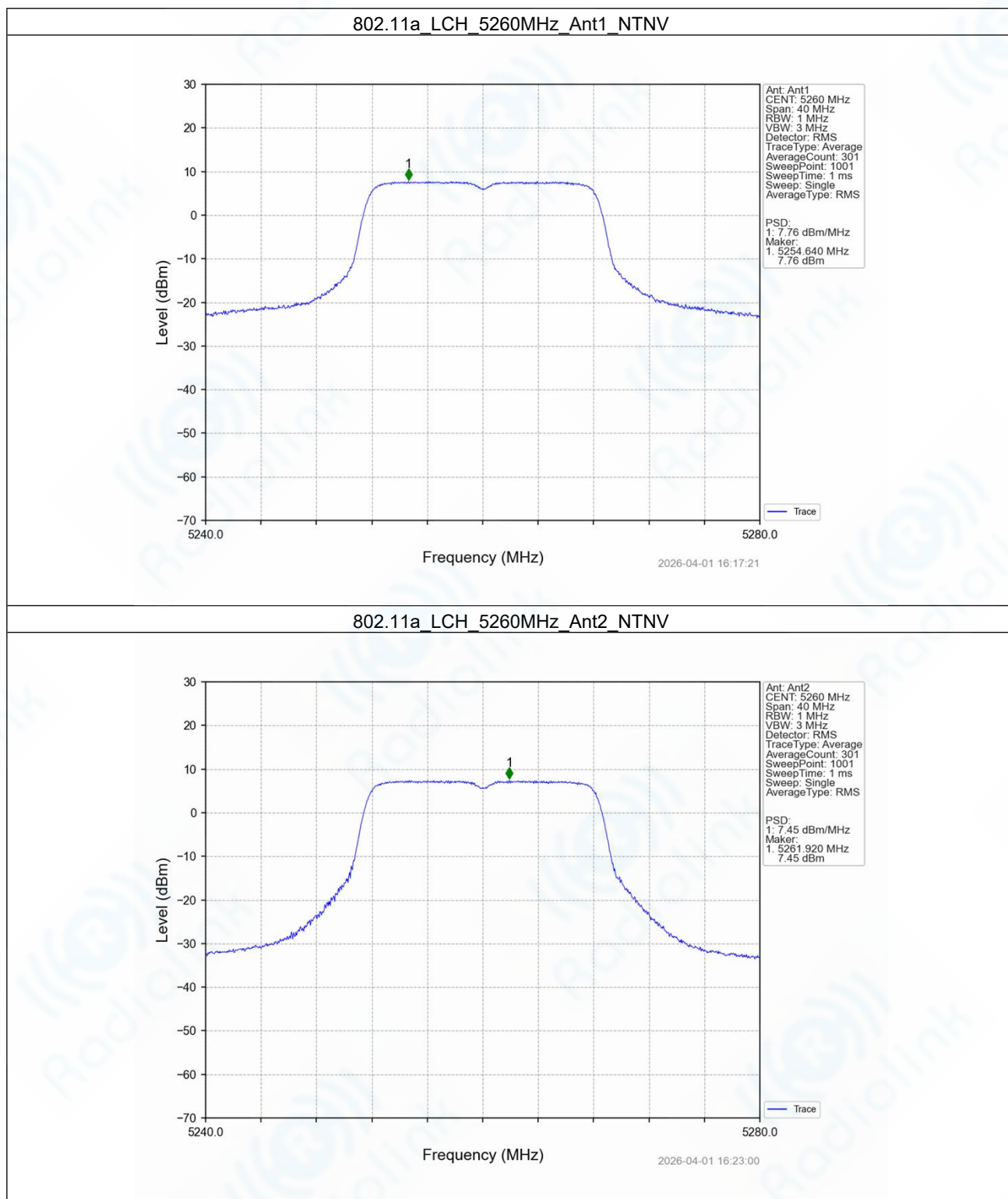




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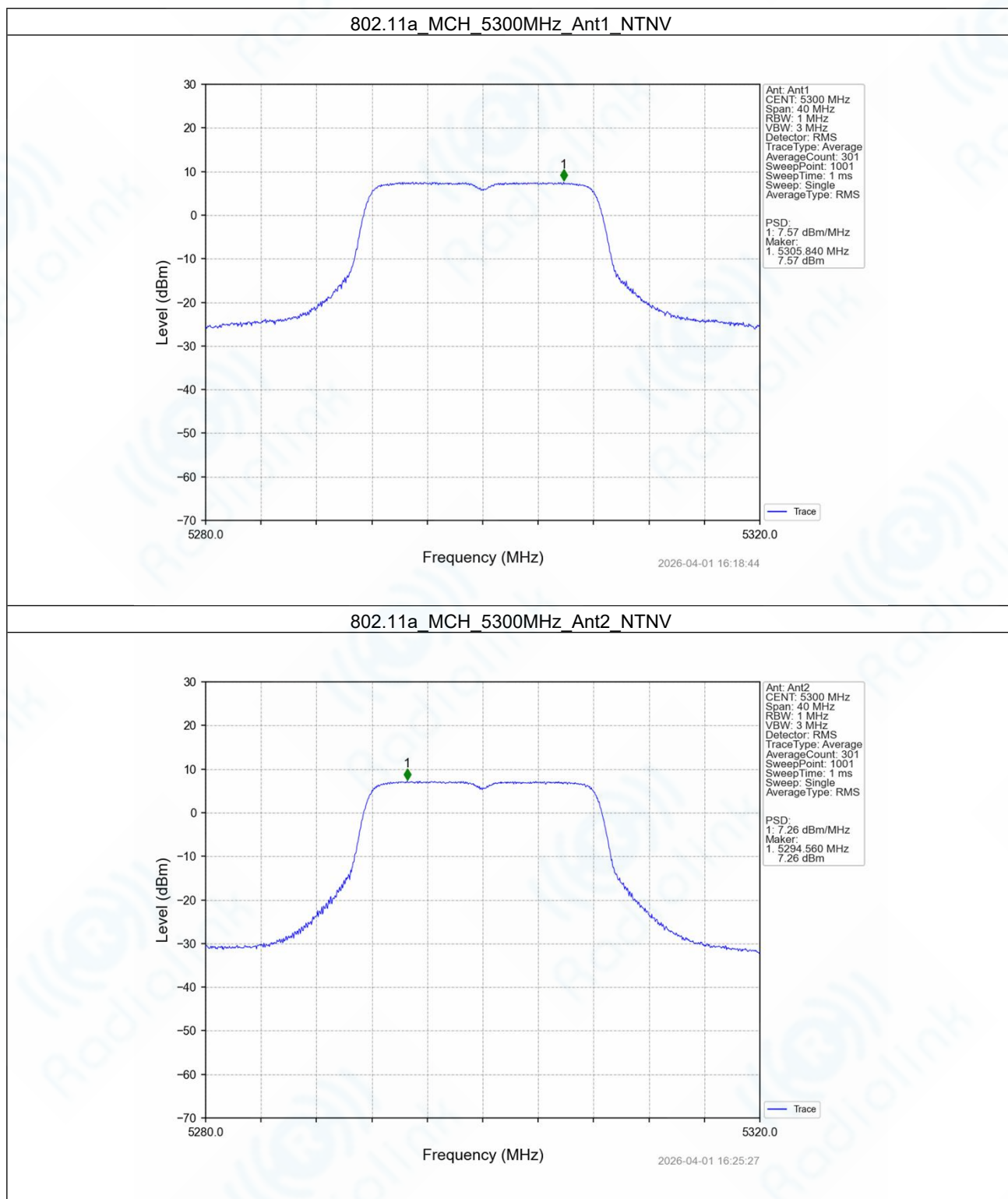
Tel: +86 0755 23080694

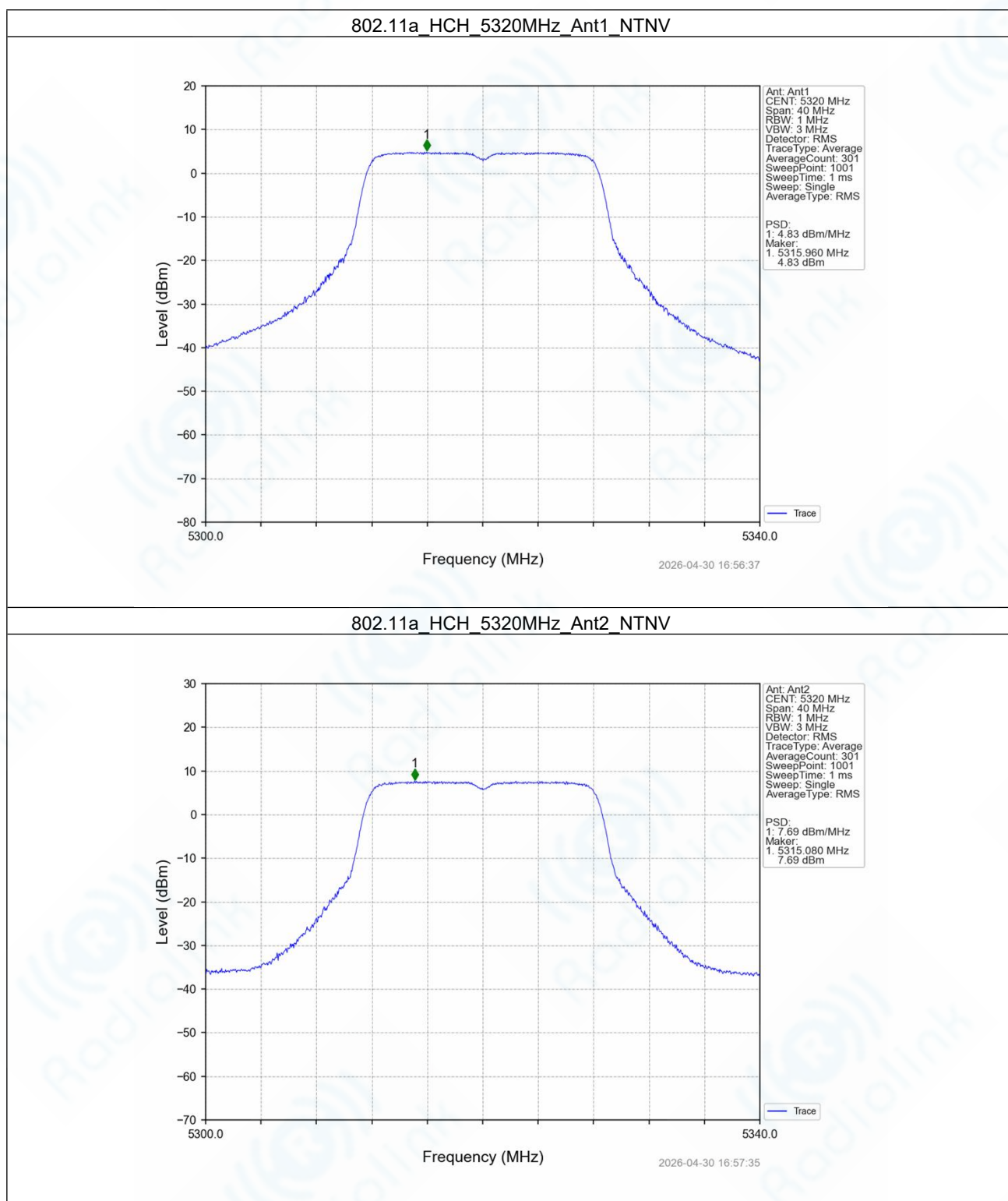


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