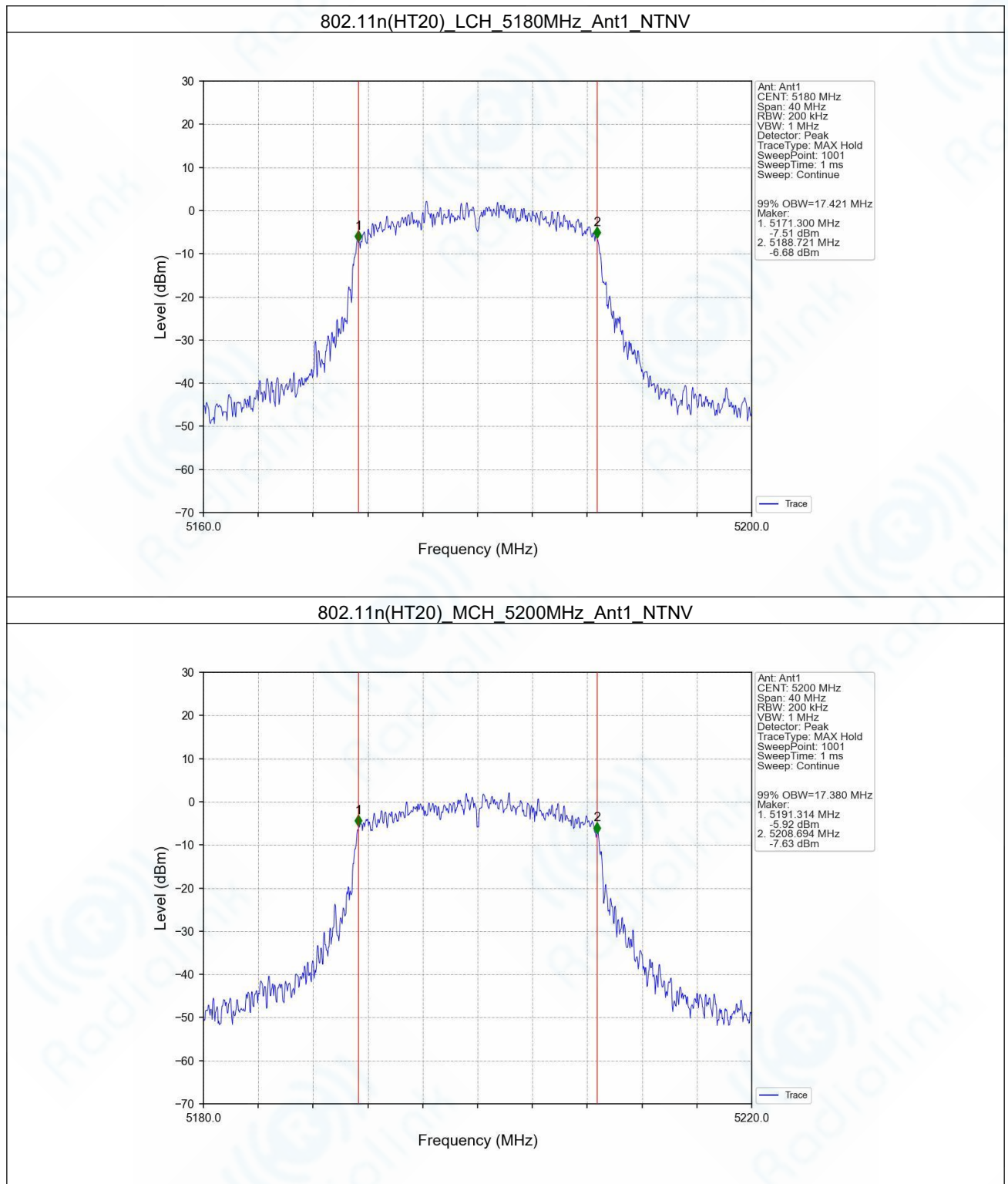
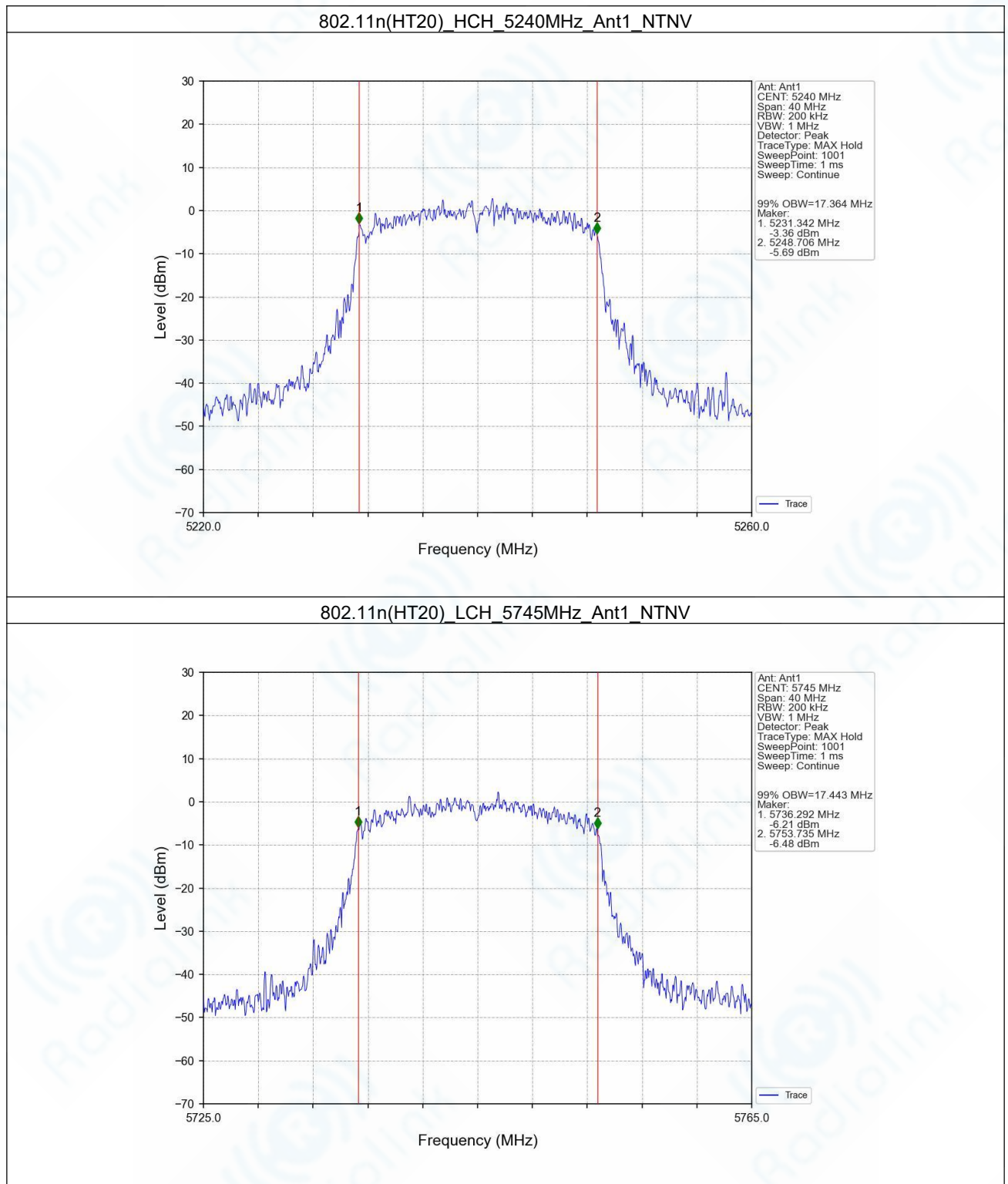


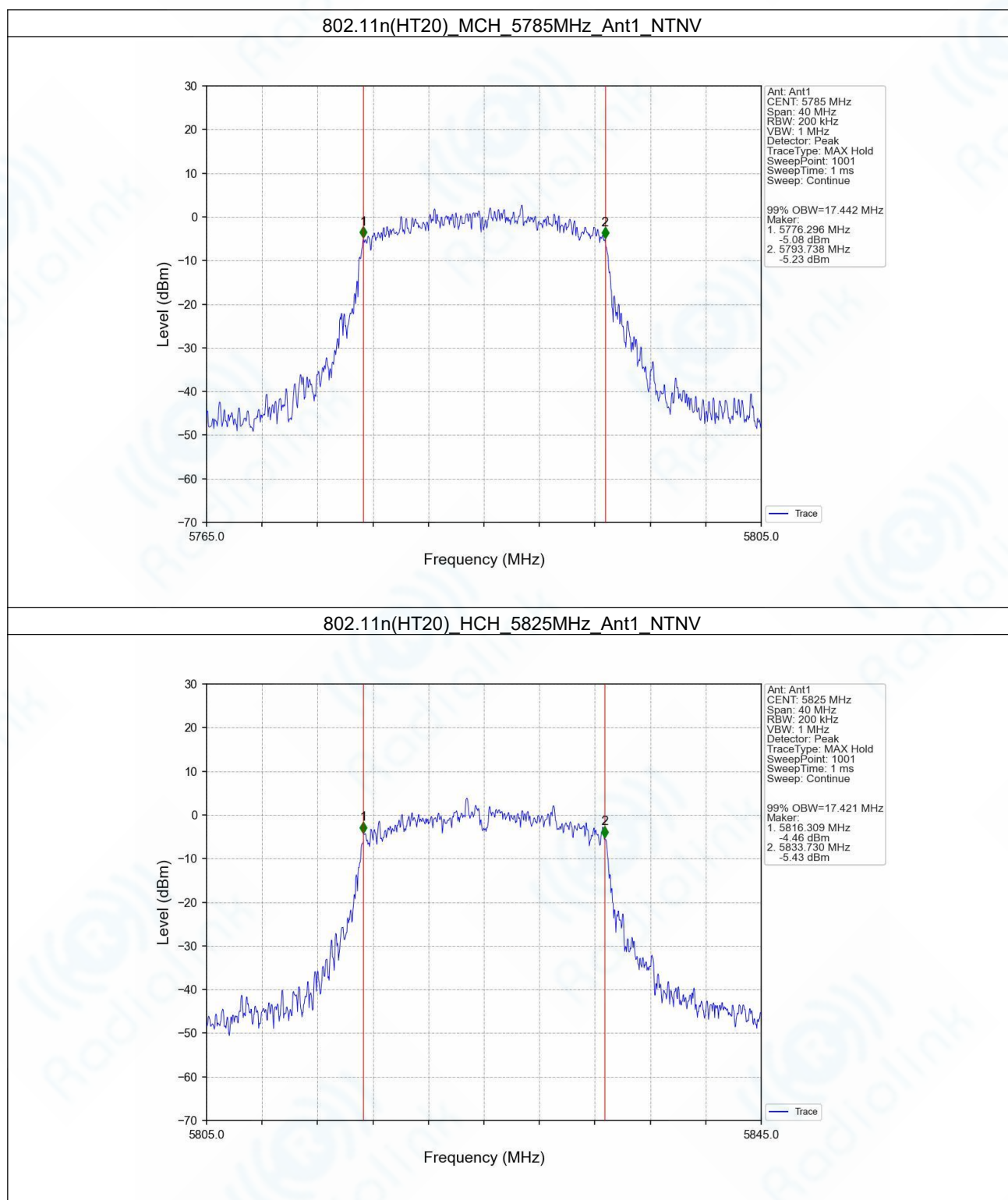




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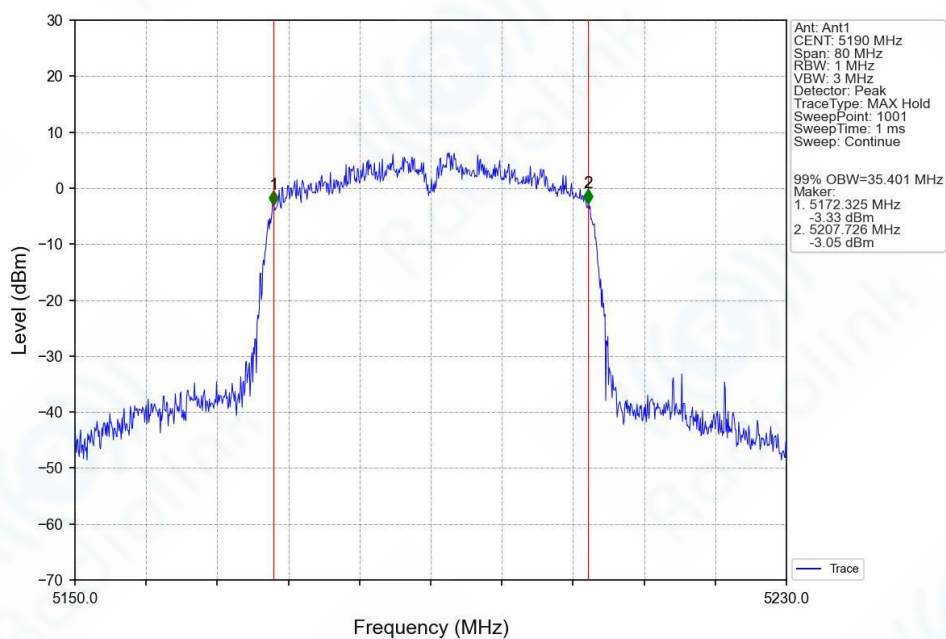
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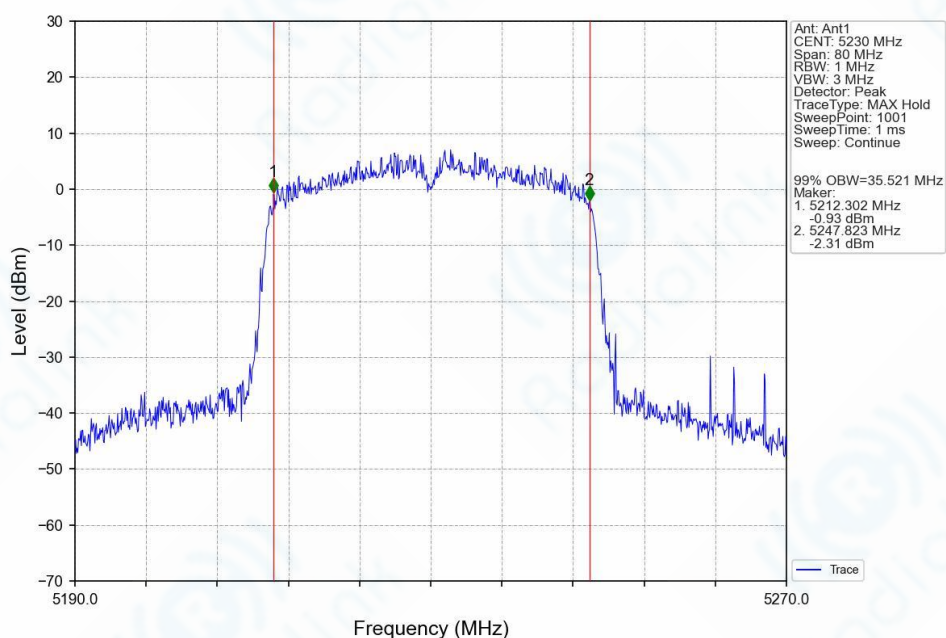
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

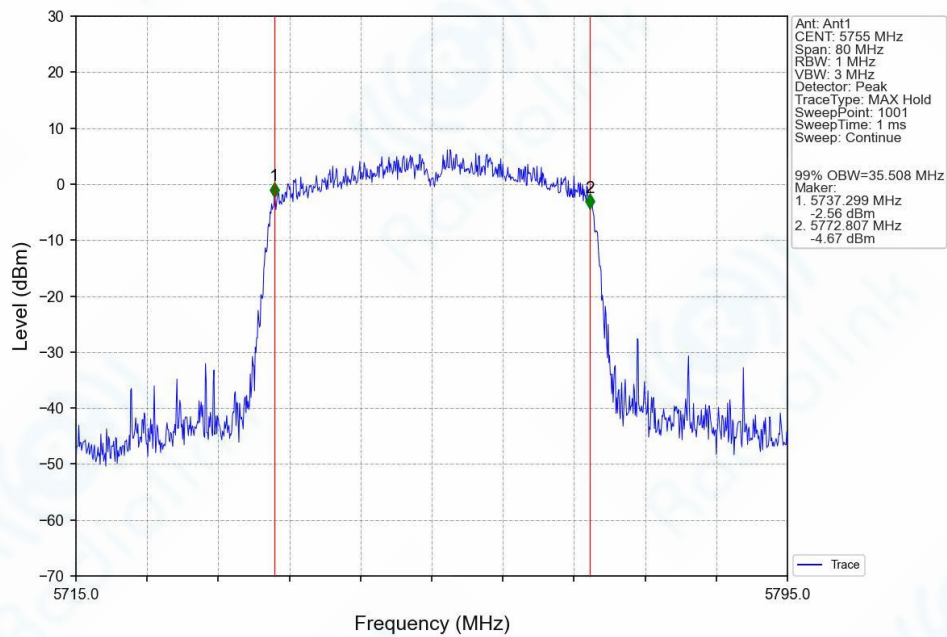


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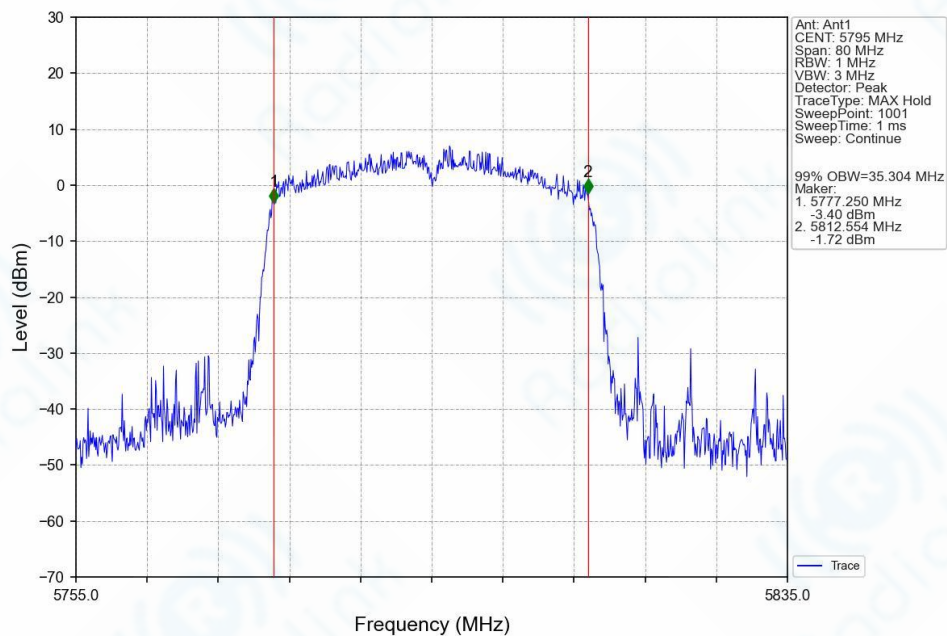
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

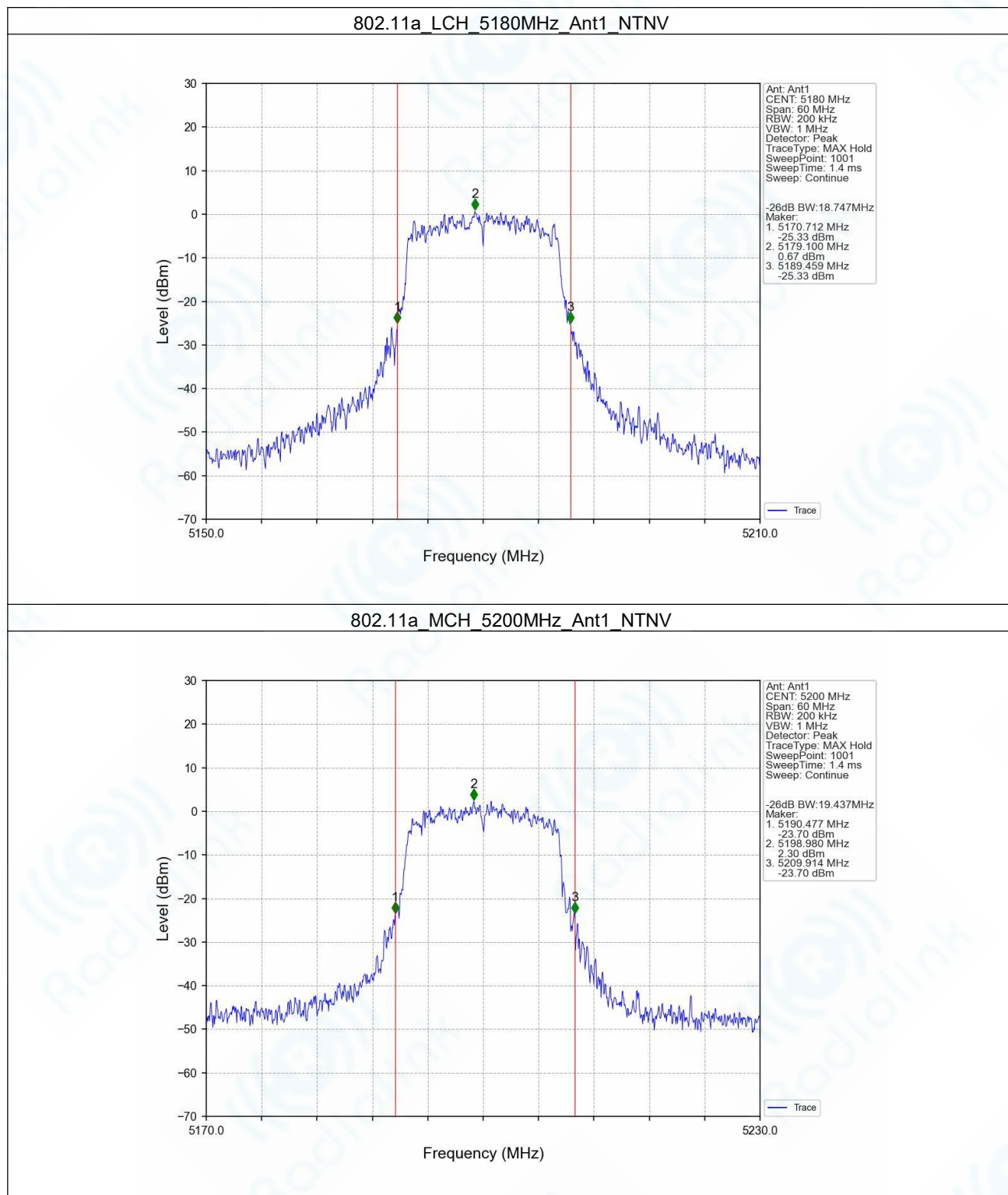


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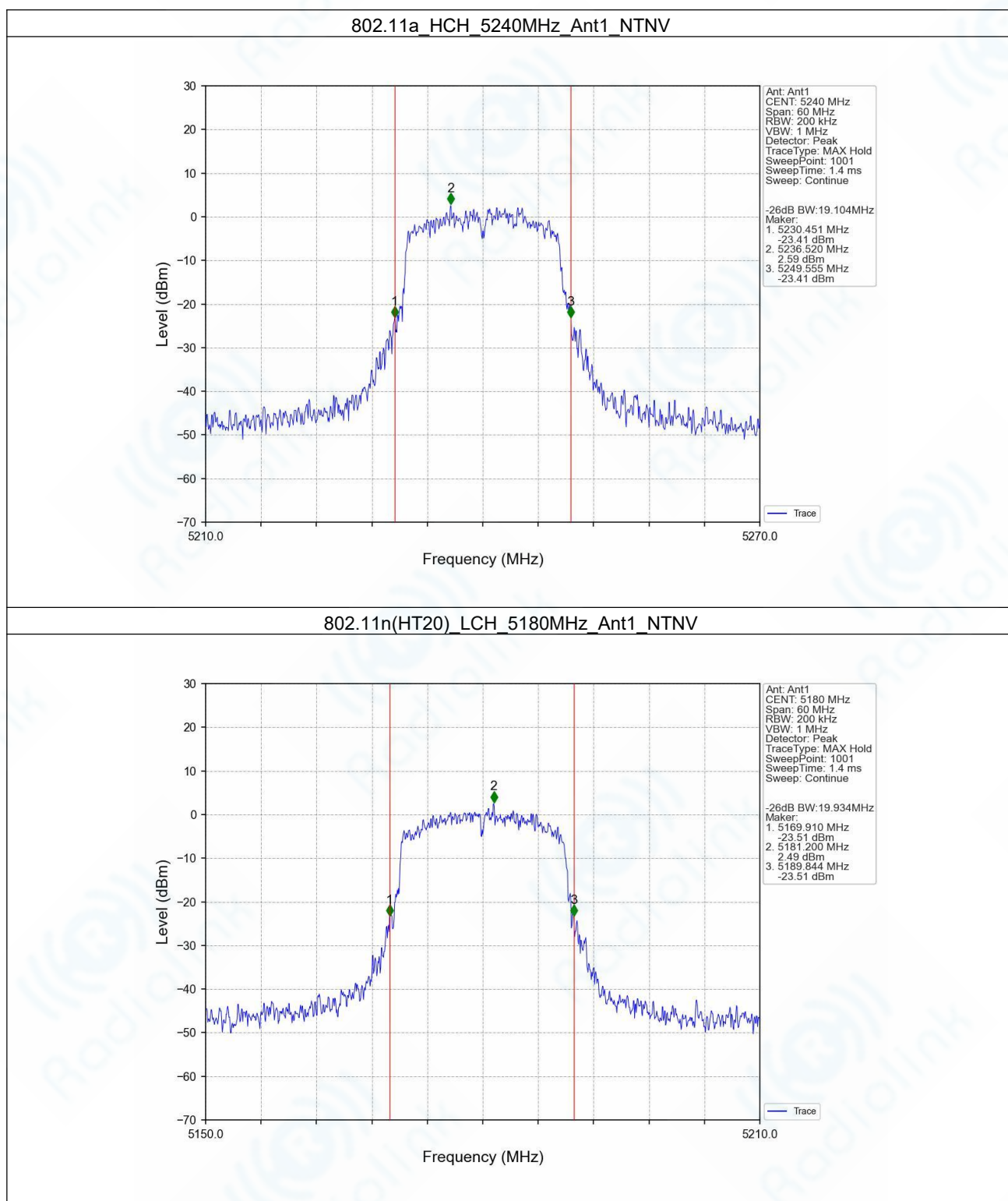
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2.2.2 26dB BW



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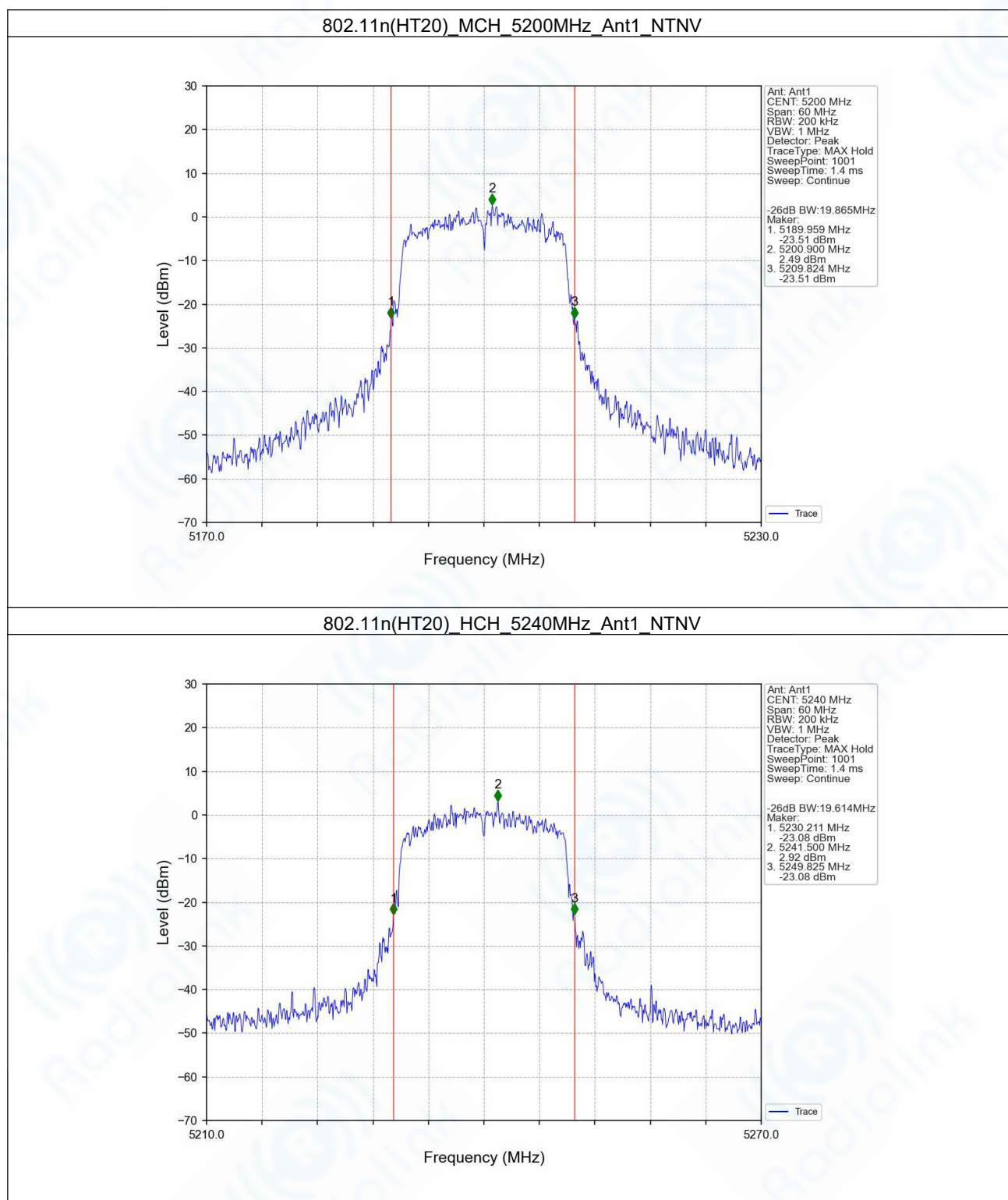
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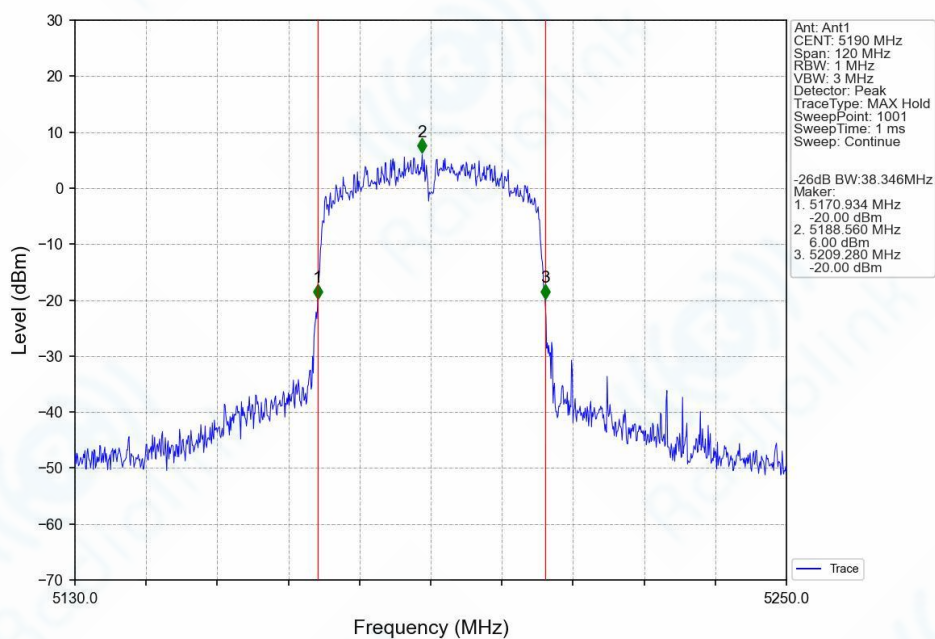
Tel: +86 0755 23080694



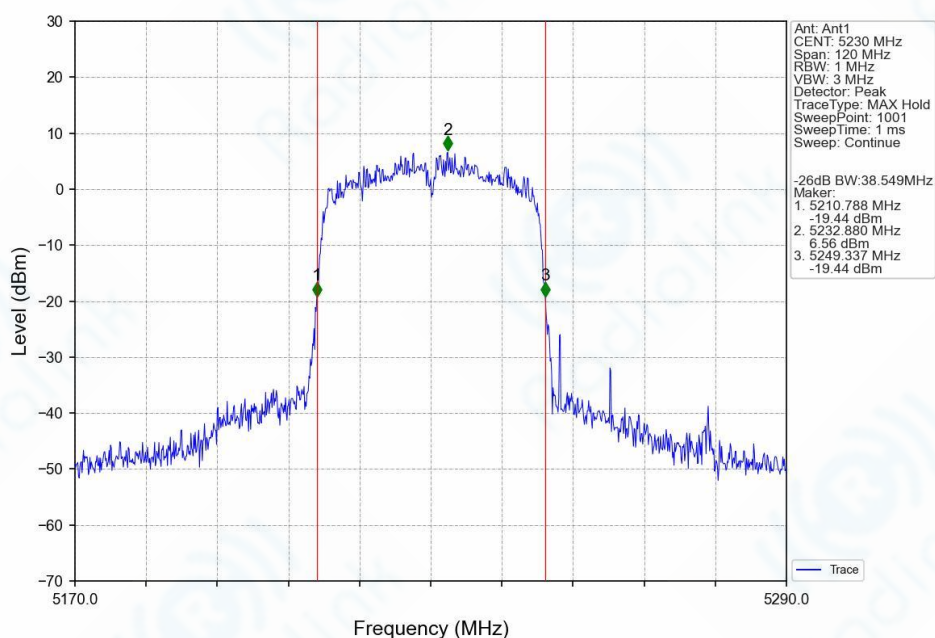
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

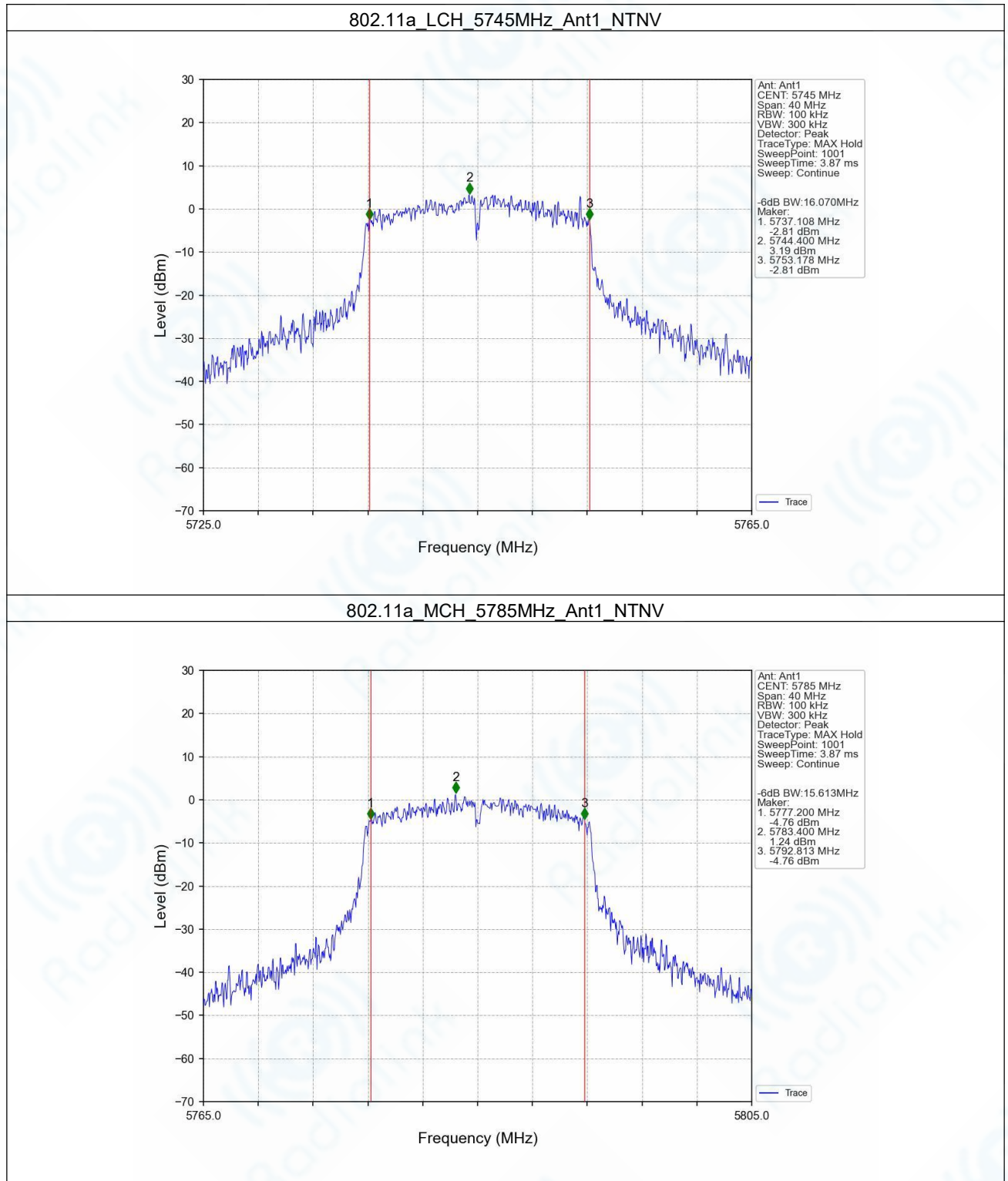


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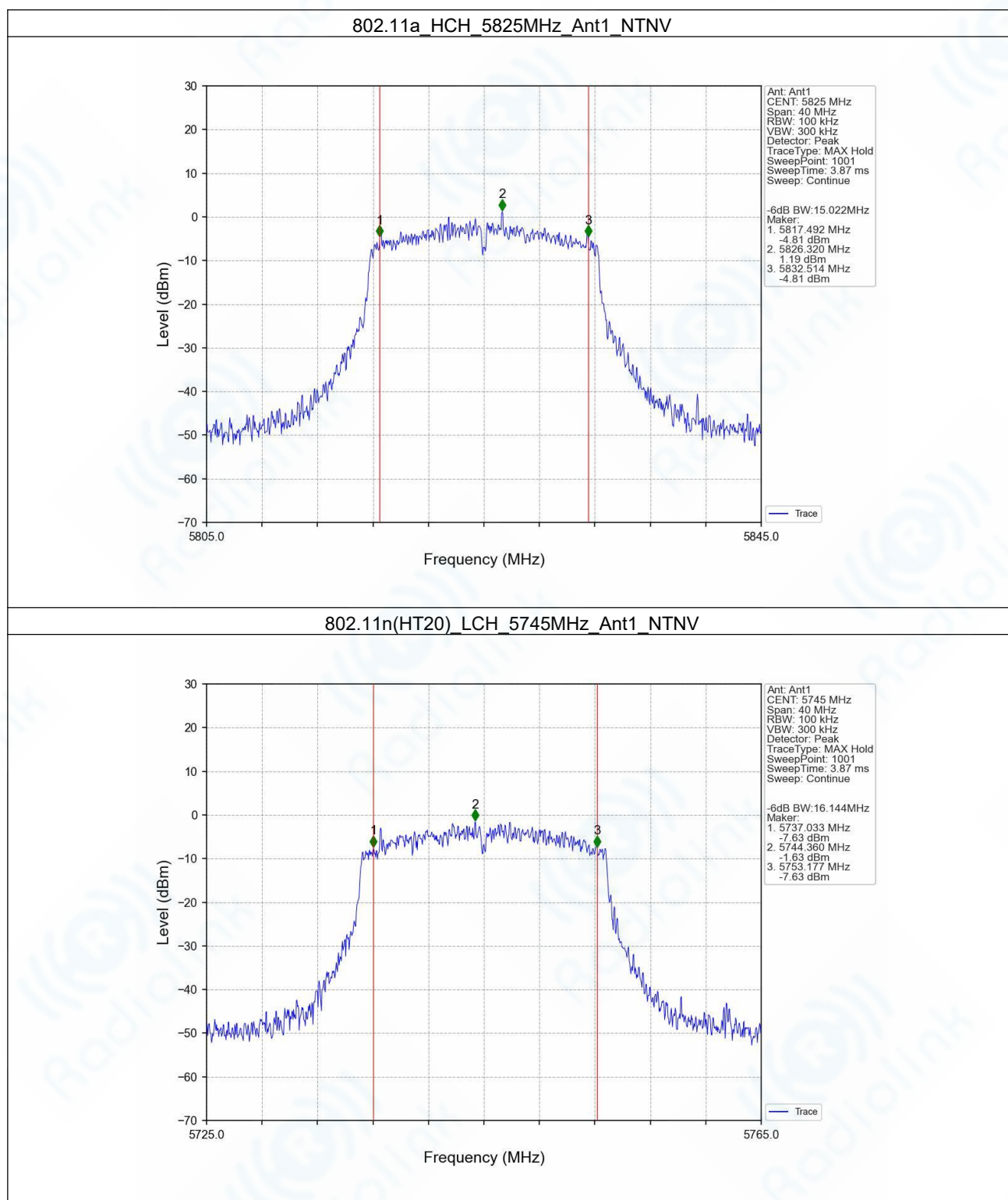
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2.2.3 6dB BW



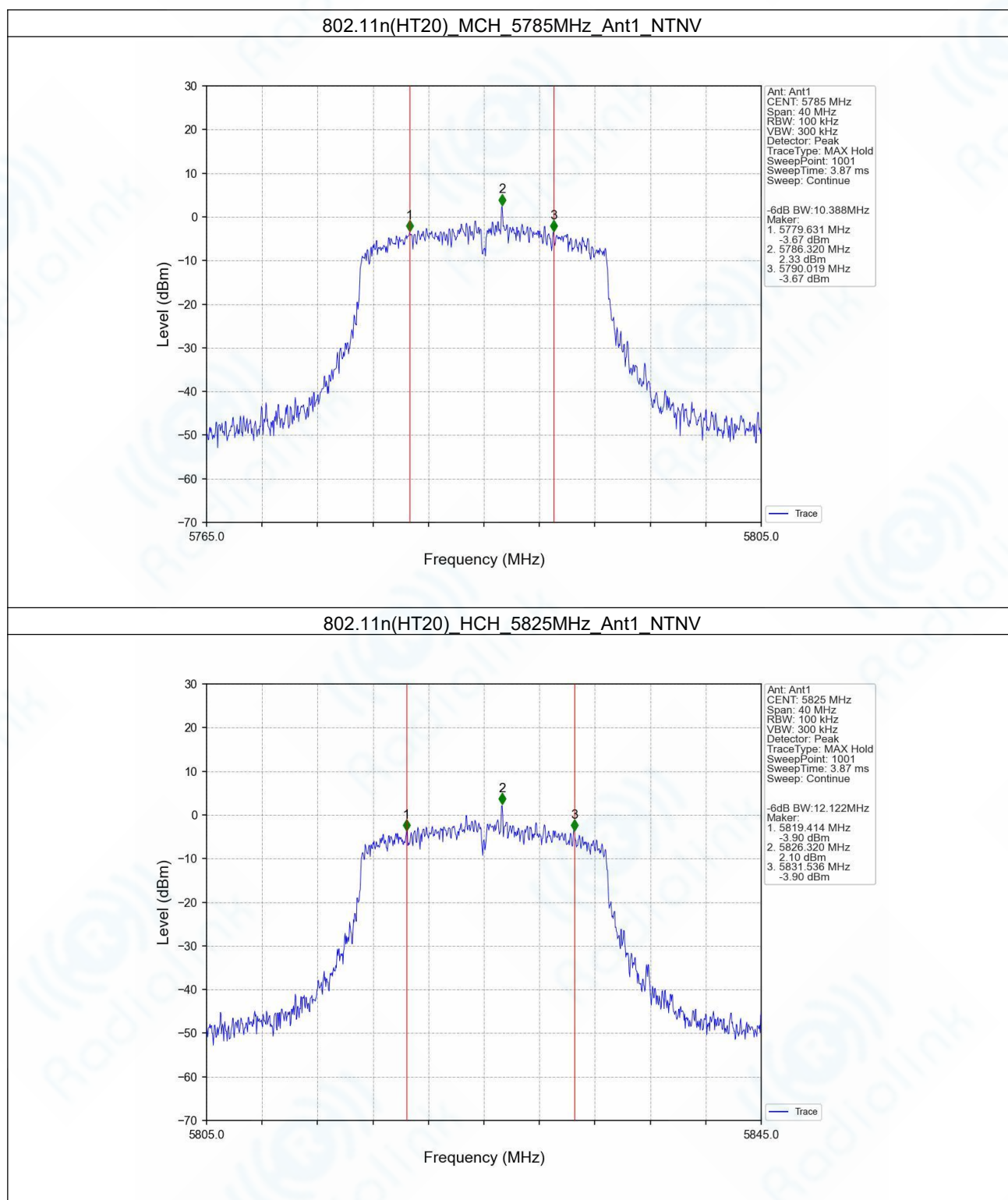
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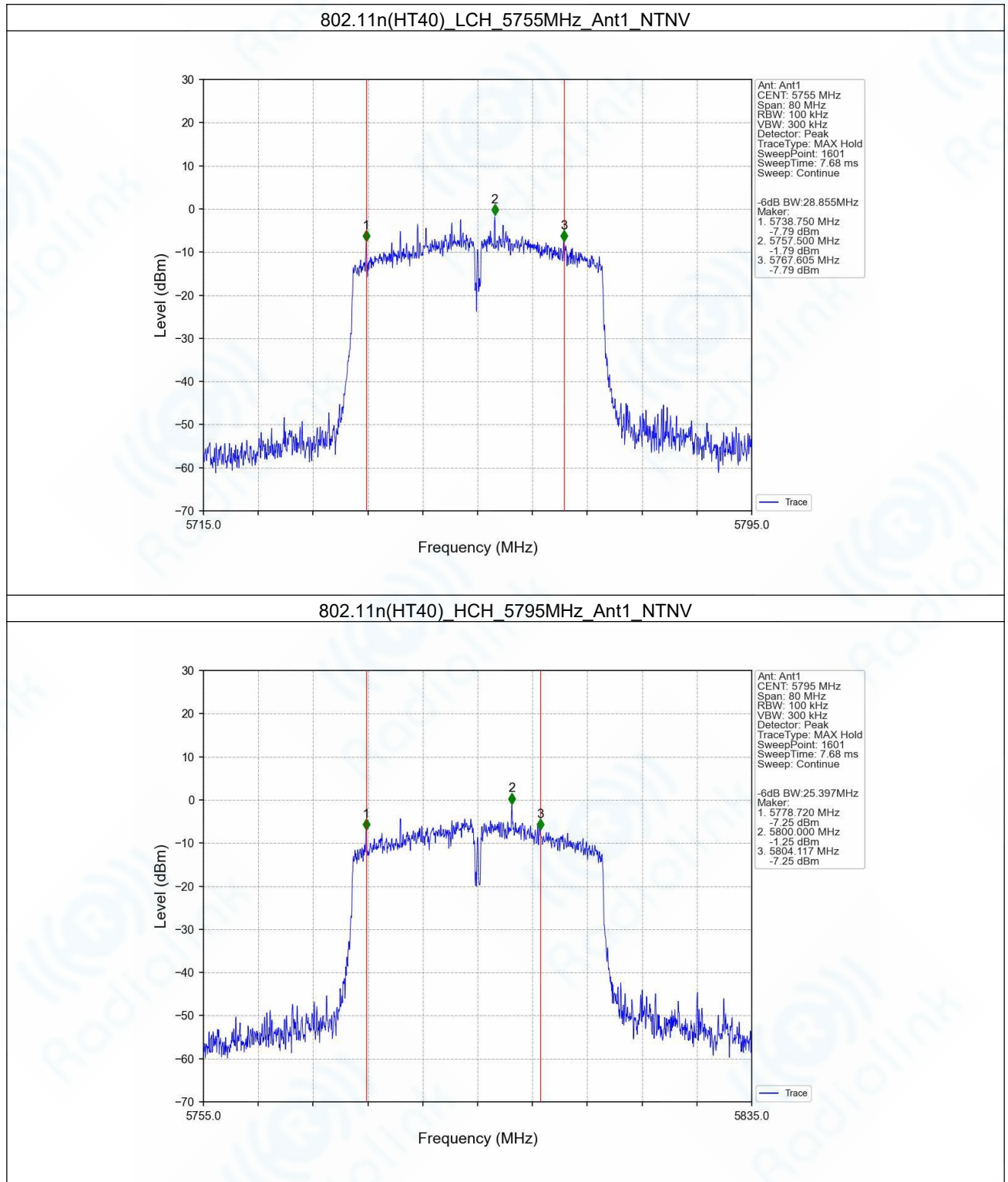
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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	12.21	<=23.98	Pass
		5200	12.67	<=23.98	Pass
		5240	12.88	<=23.98	Pass
		5745	12.52	<=30	Pass
		5785	13.03	<=30	Pass
		5825	13.06	<=30	Pass
802.11n (HT20)	SISO	5180	12.57	<=23.98	Pass
		5200	12.53	<=23.98	Pass
		5240	12.88	<=23.98	Pass
		5745	12.17	<=30	Pass
		5785	12.98	<=30	Pass
		5825	12.91	<=30	Pass
802.11n (HT40)	SISO	5190	11.60	<=23.98	Pass
		5230	12.17	<=23.98	Pass
		5755	11.43	<=30	Pass
		5795	12.10	<=30	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 2.84dBi;
- Band: 3 Ant1: 2.04dBi;



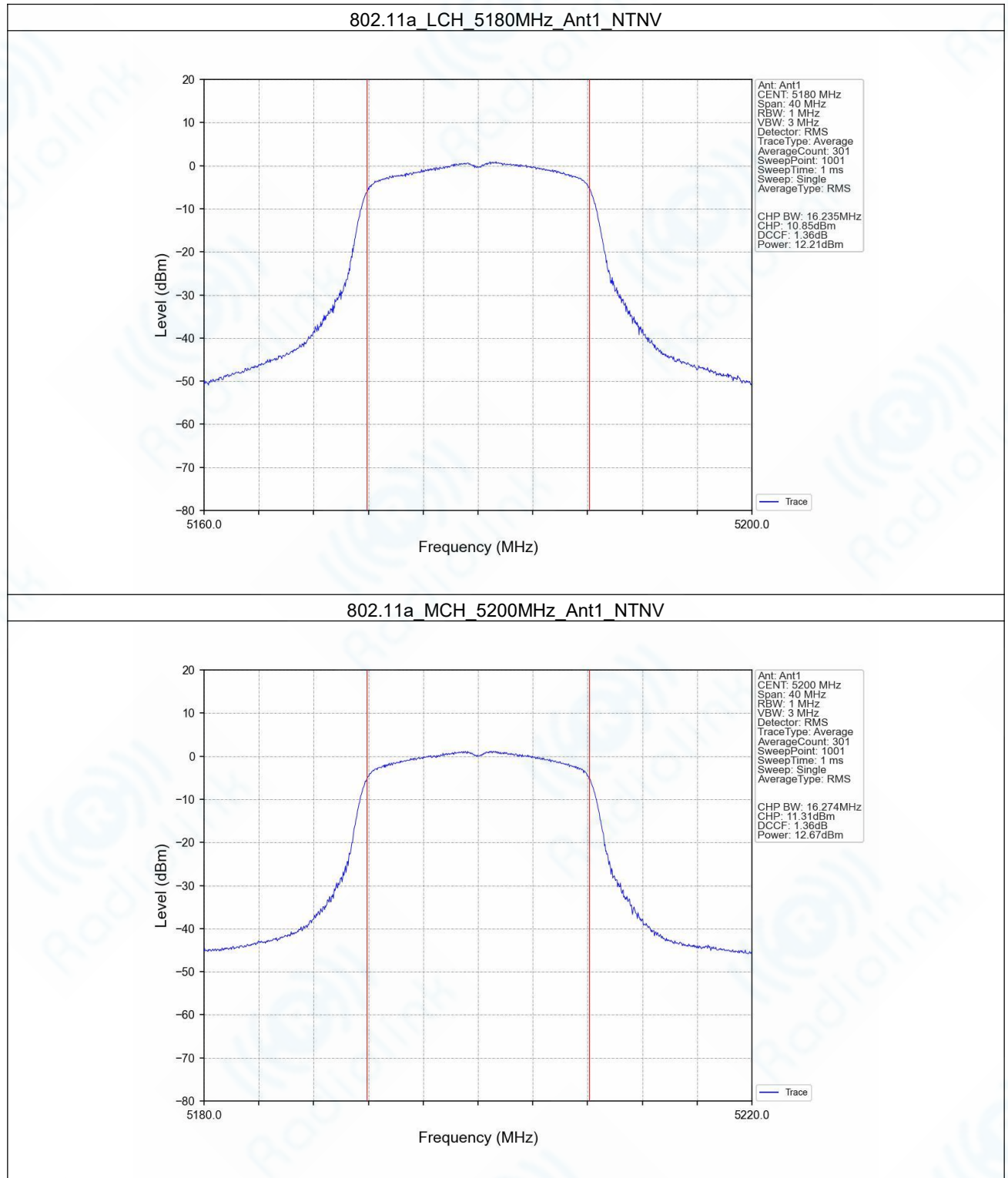
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3.2 Test Graph

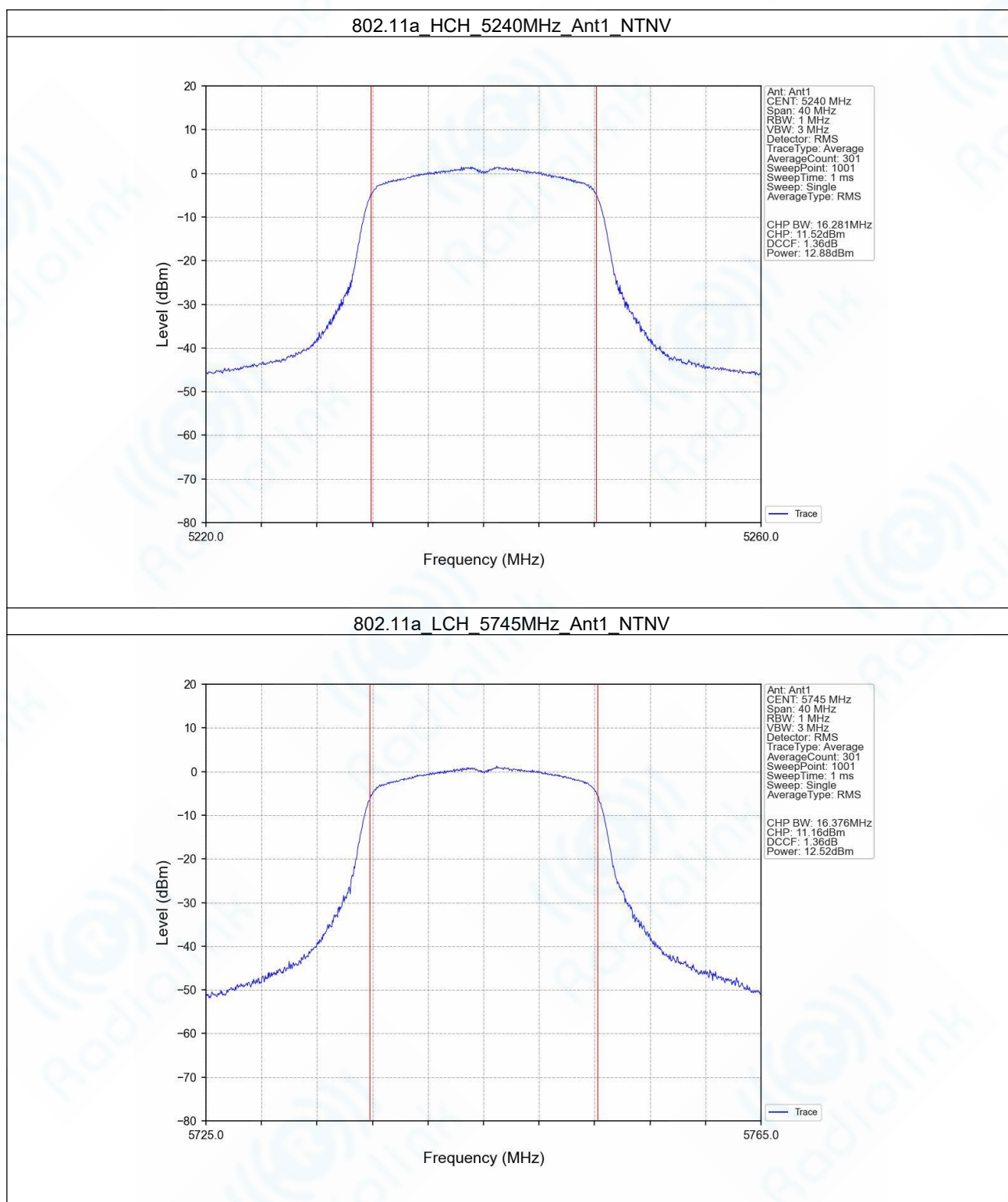
3.2.1 Power

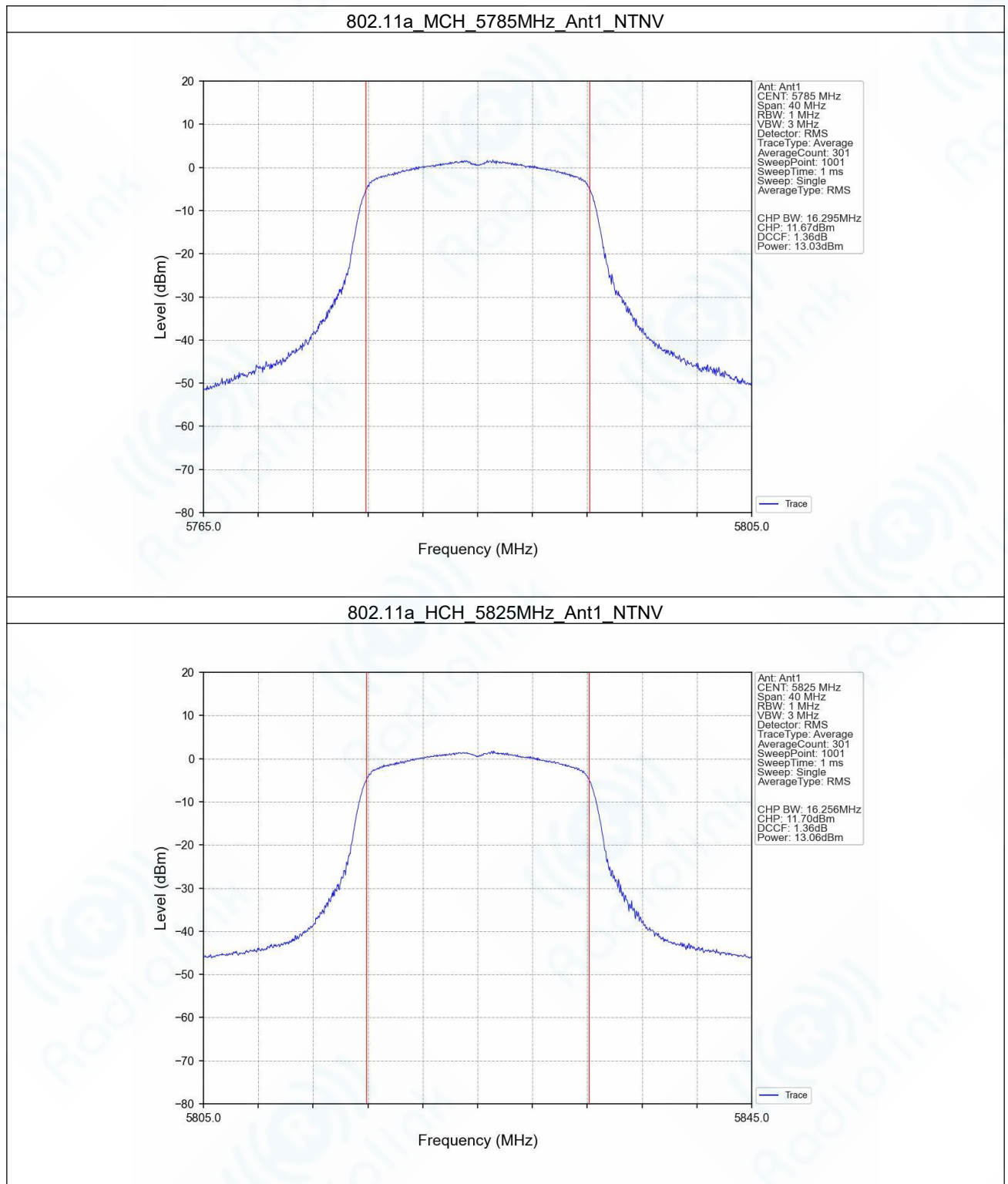


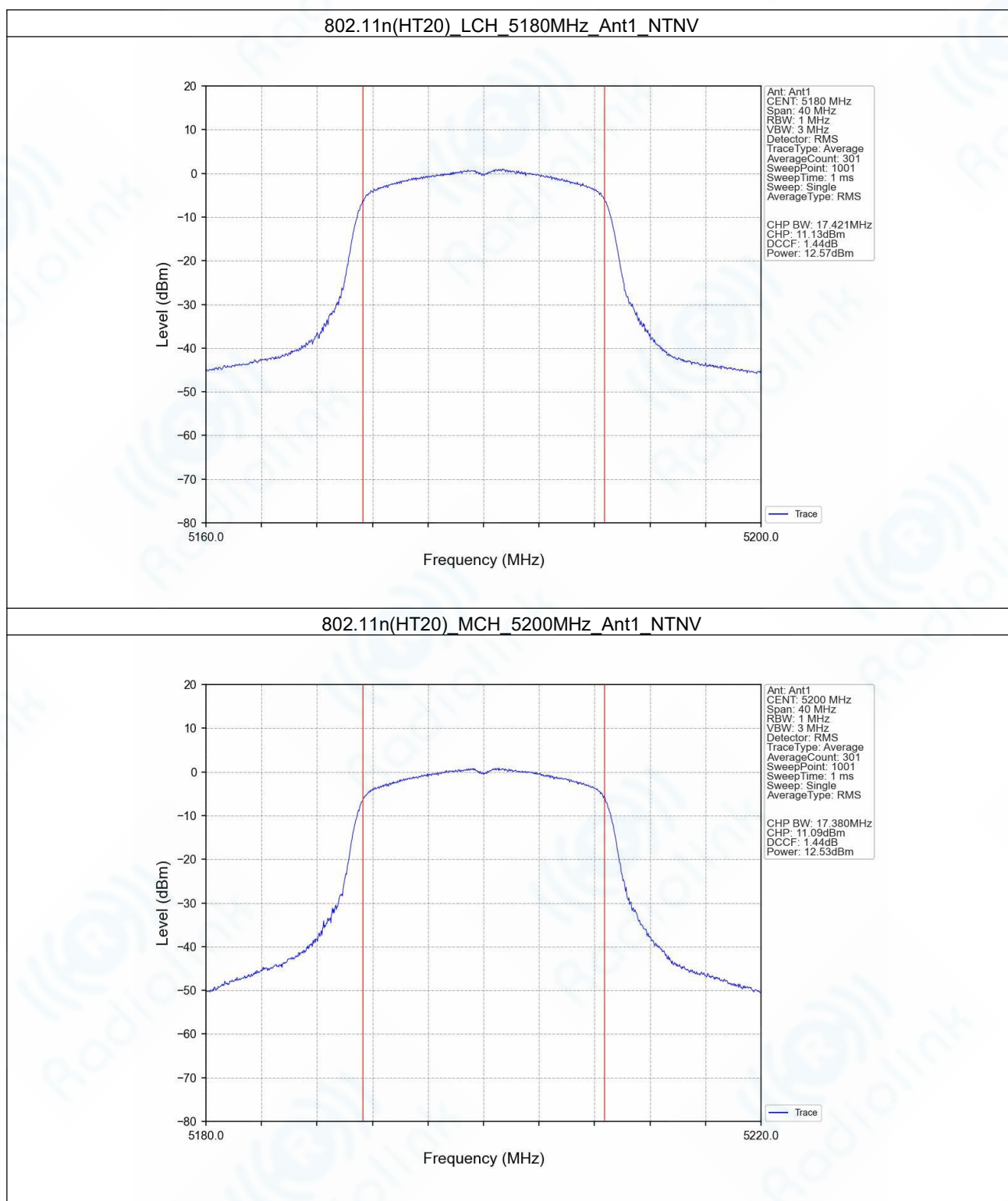
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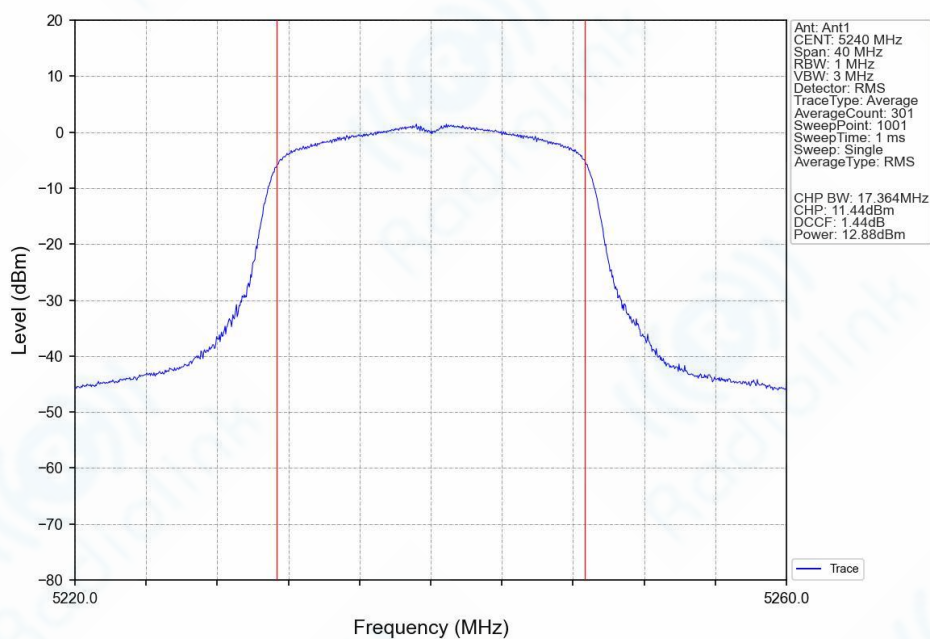


Radiolink Testing (Shenzhen) Co., Ltd.

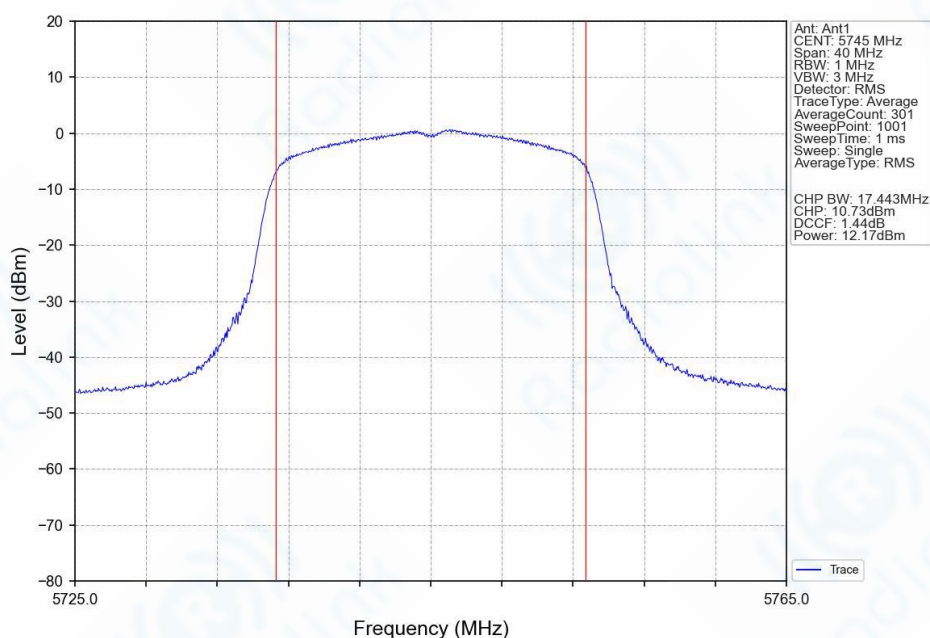
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

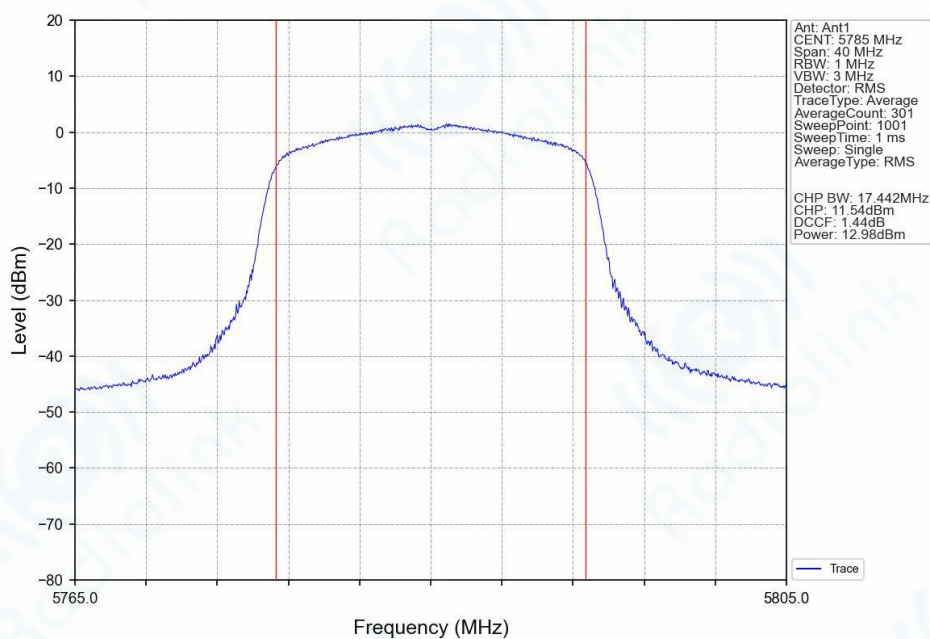


Radiolink Testing (Shenzhen) Co., Ltd.

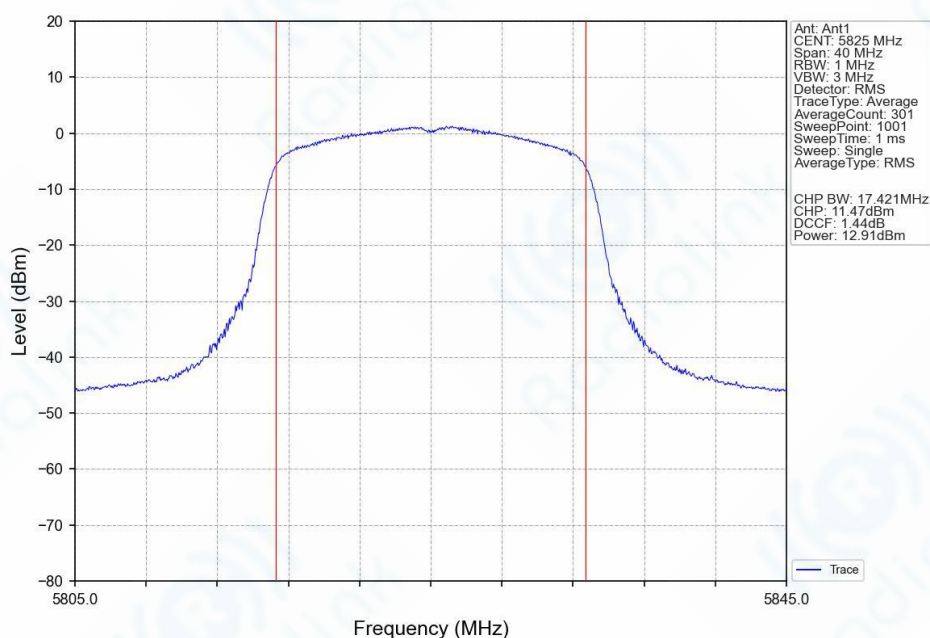
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

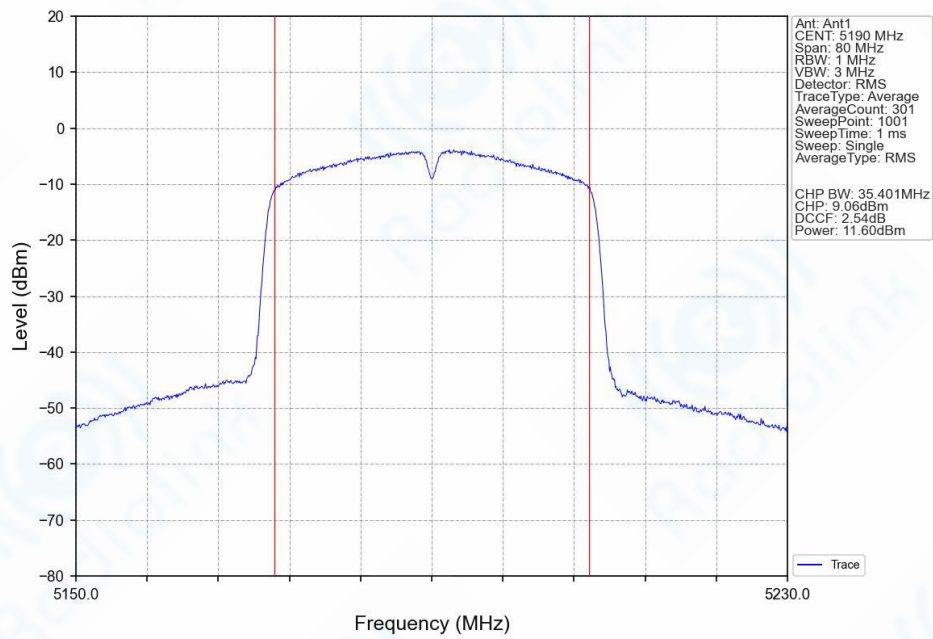


Radiolink Testing (Shenzhen) Co., Ltd.

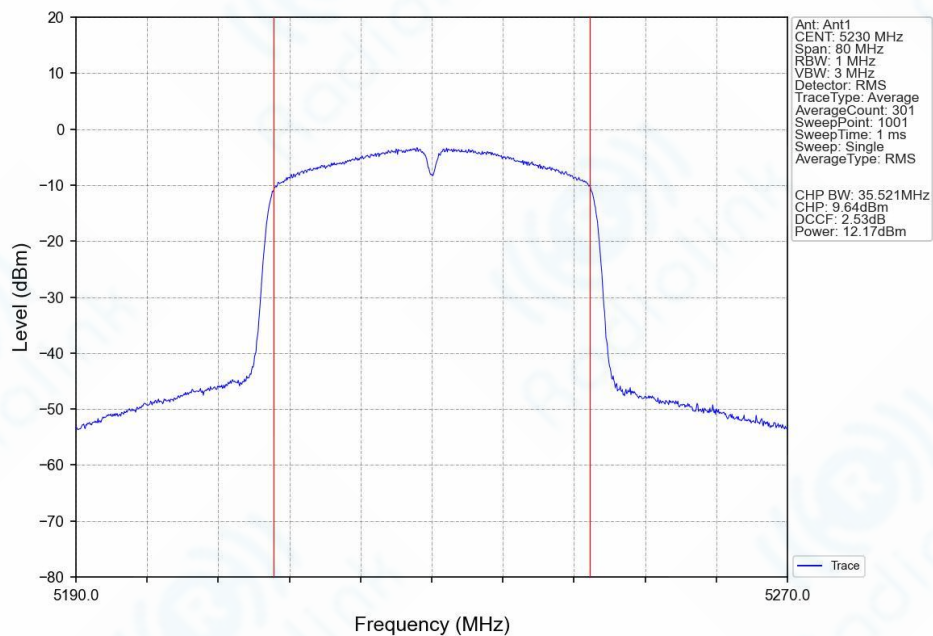
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



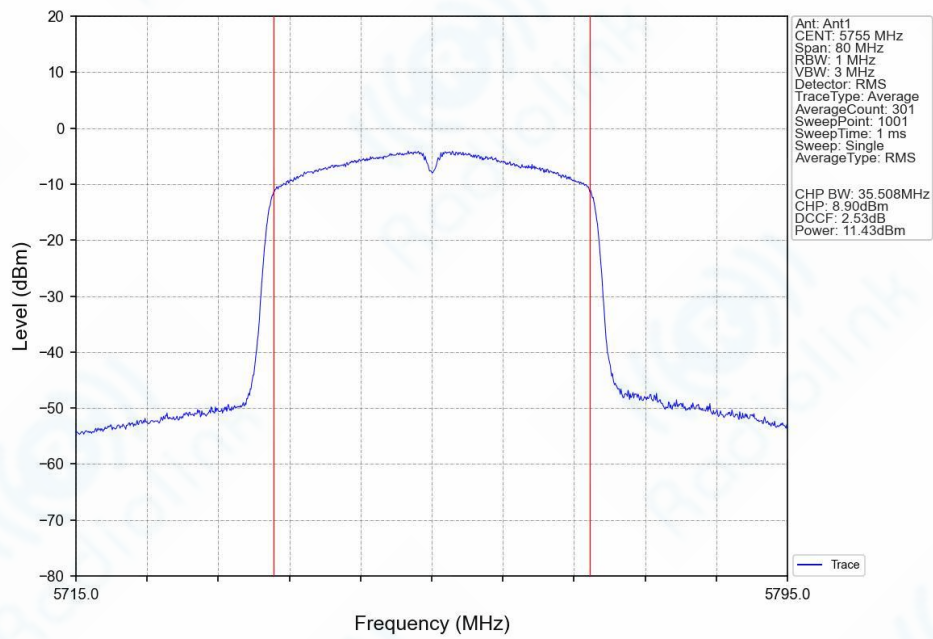
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV


Radiolink Testing (Shenzhen) Co., Ltd.

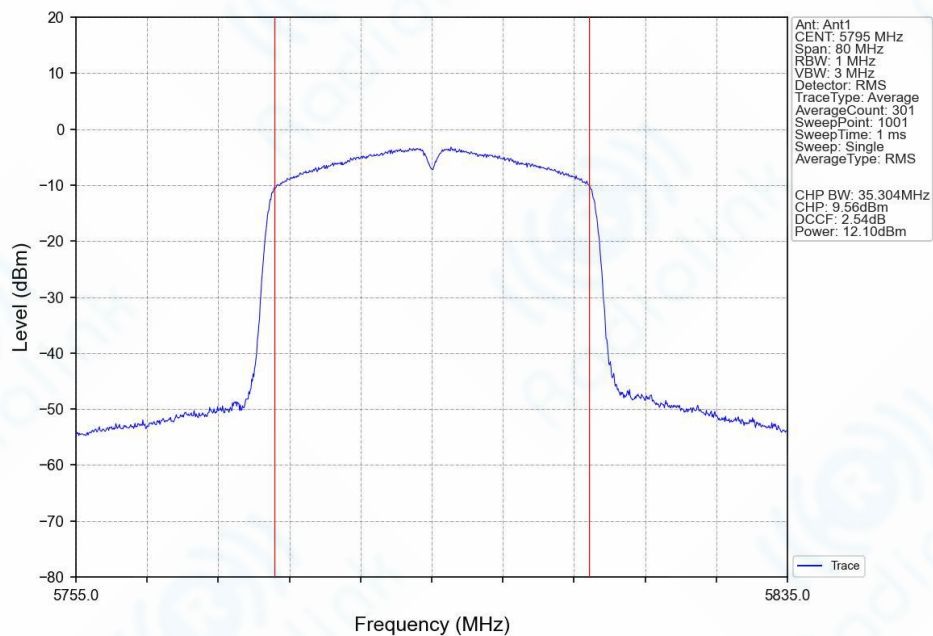
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	2.52	≤ 11	Pass
		5200	2.45	≤ 11	Pass
		5240	2.97	≤ 11	Pass
802.11n (HT20)	SISO	5180	2.20	≤ 11	Pass
		5200	2.33	≤ 11	Pass
		5240	2.98	≤ 11	Pass
802.11n (HT40)	SISO	5190	-1.06	≤ 11	Pass
		5230	-1.04	≤ 11	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 2.84dBi;
- Band: 3 Ant1: 2.04dBi;

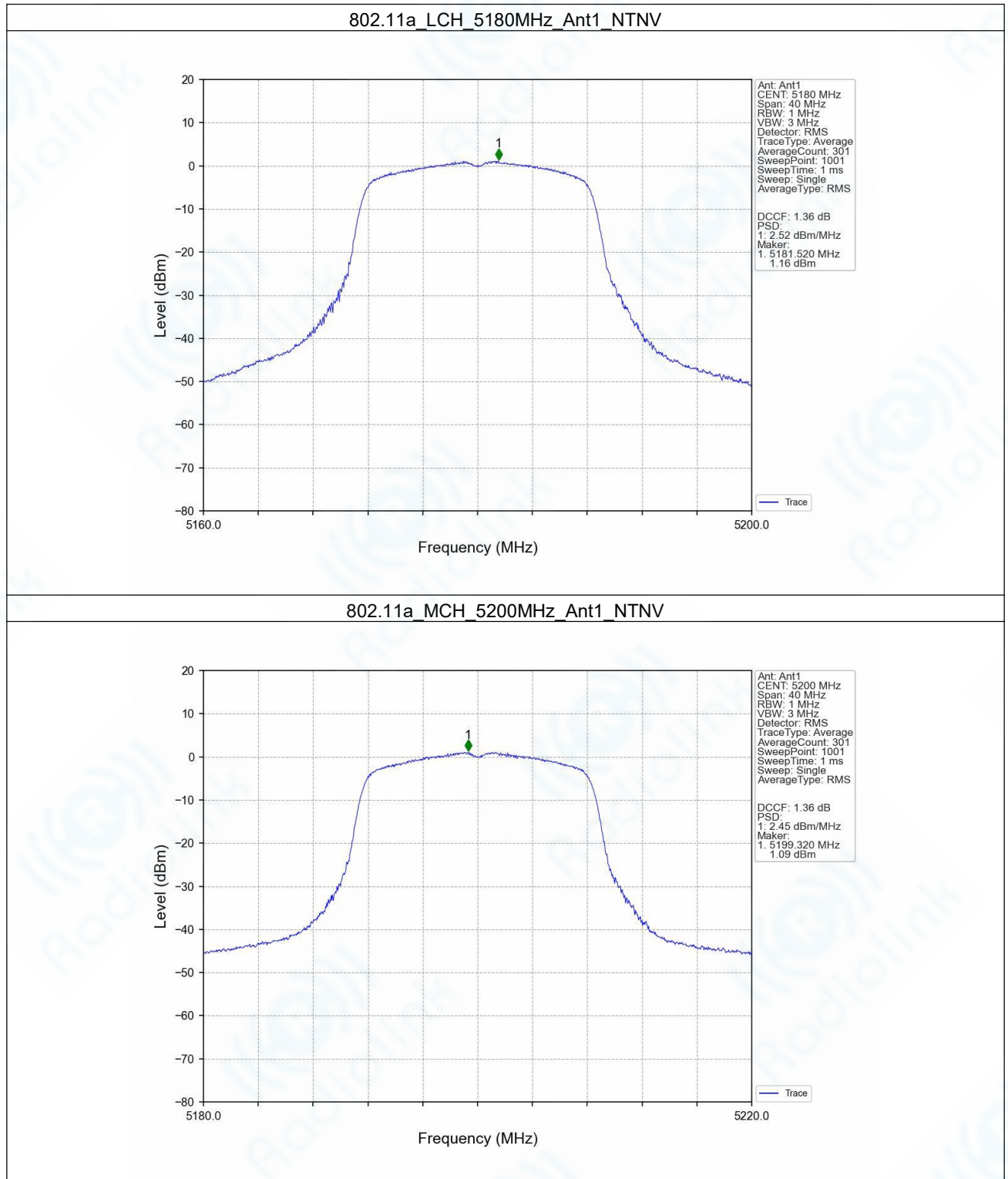
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-0.11	≤ 30	Pass
		5785	0.58	≤ 30	Pass
		5825	0.23	≤ 30	Pass
802.11n (HT20)	SISO	5745	-0.60	≤ 30	Pass
		5785	0.17	≤ 30	Pass
		5825	-0.09	≤ 30	Pass
802.11n (HT40)	SISO	5755	-4.18	≤ 30	Pass
		5795	-3.67	≤ 30	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 2.84dBi;
- Band: 3 Ant1: 2.04dBi;

4.2 Test Graph

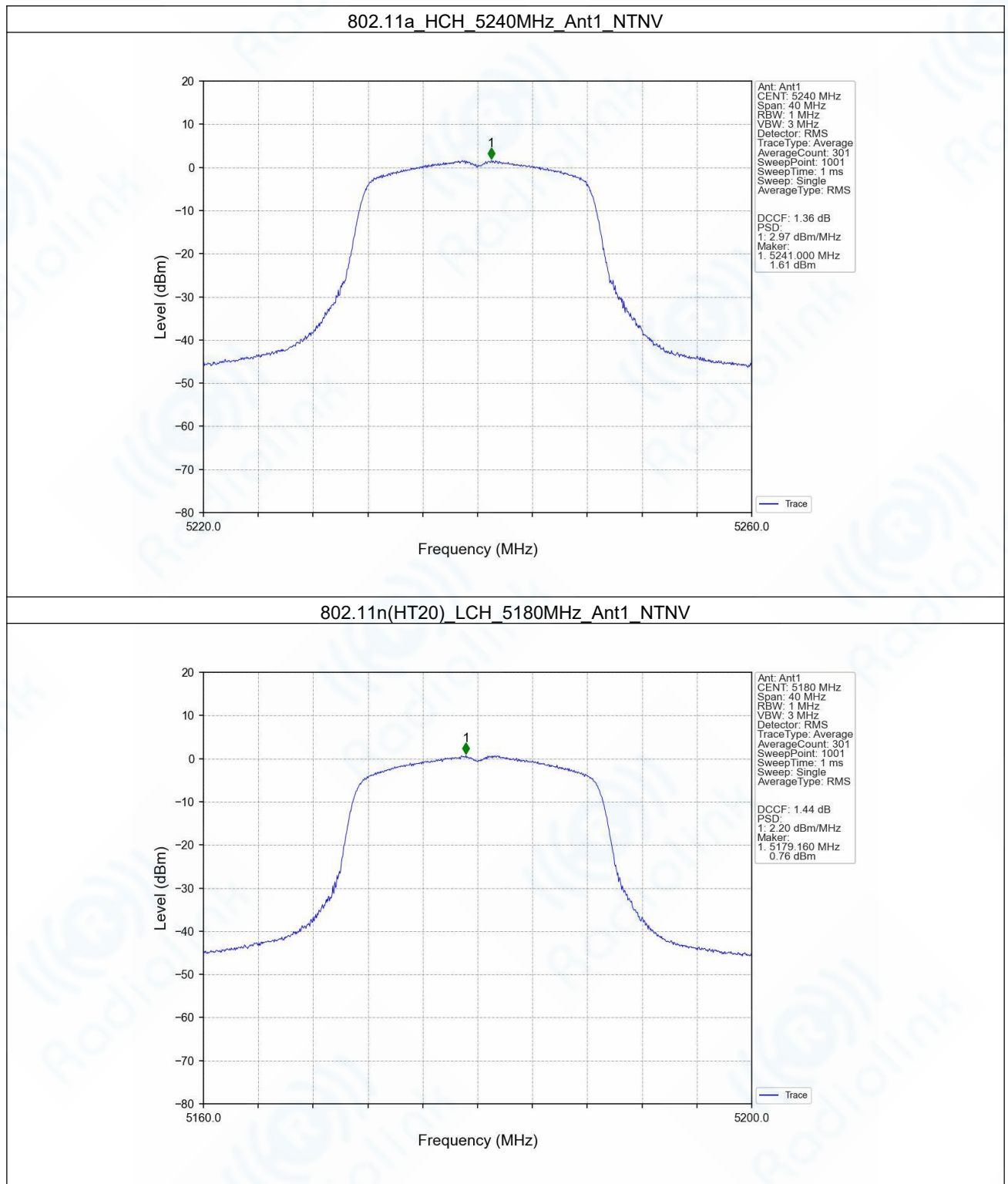
4.2.1 PSD



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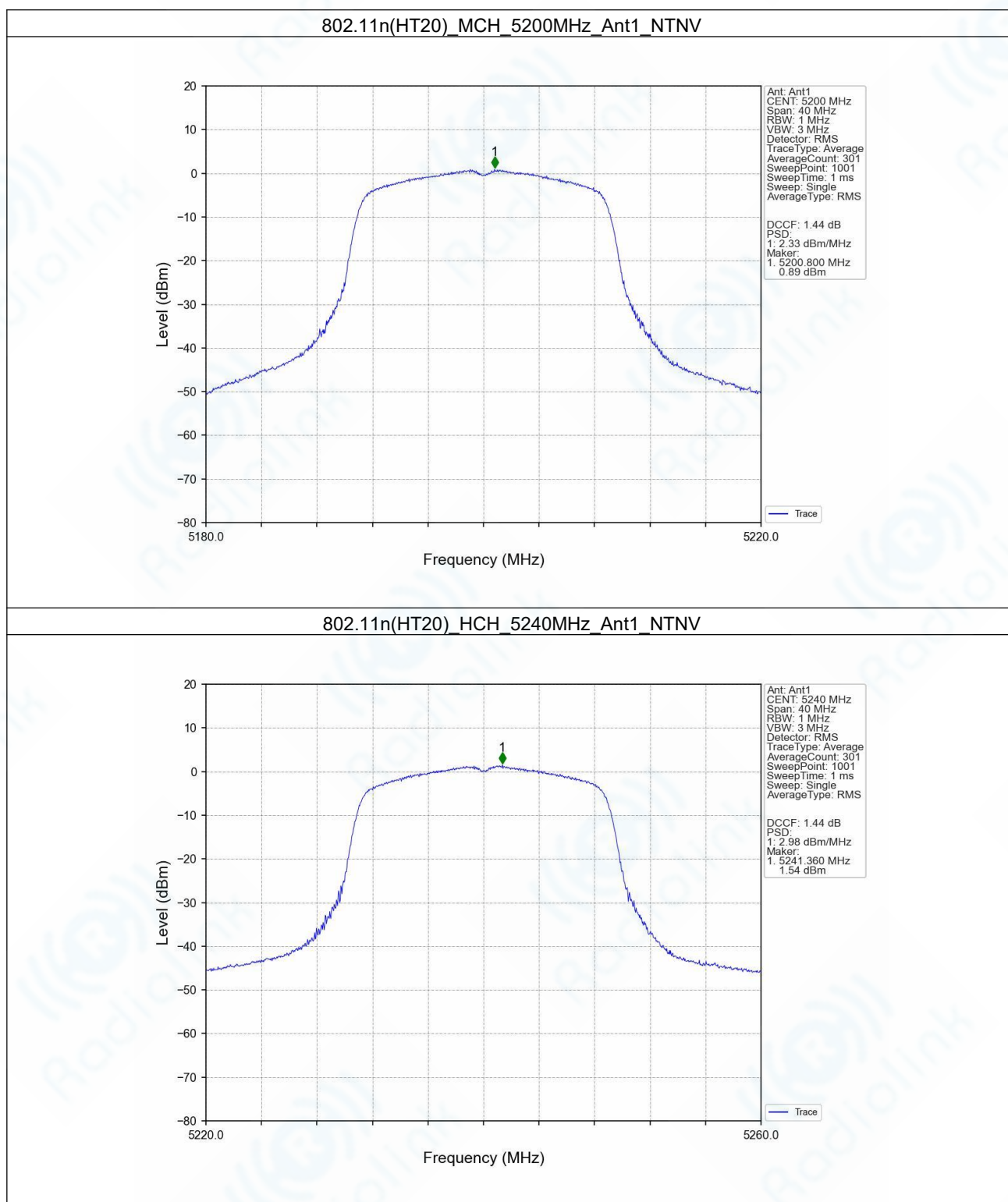
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

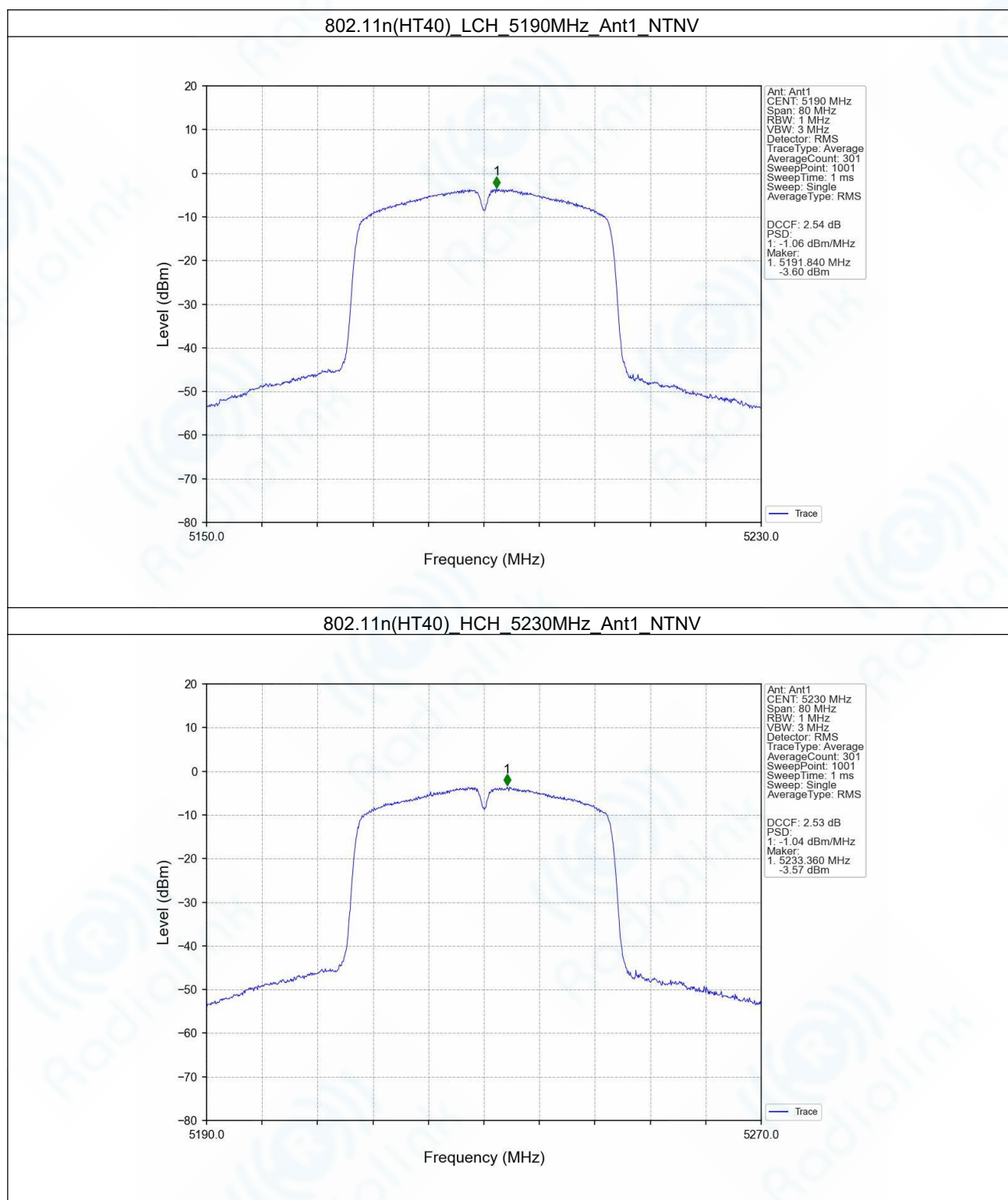
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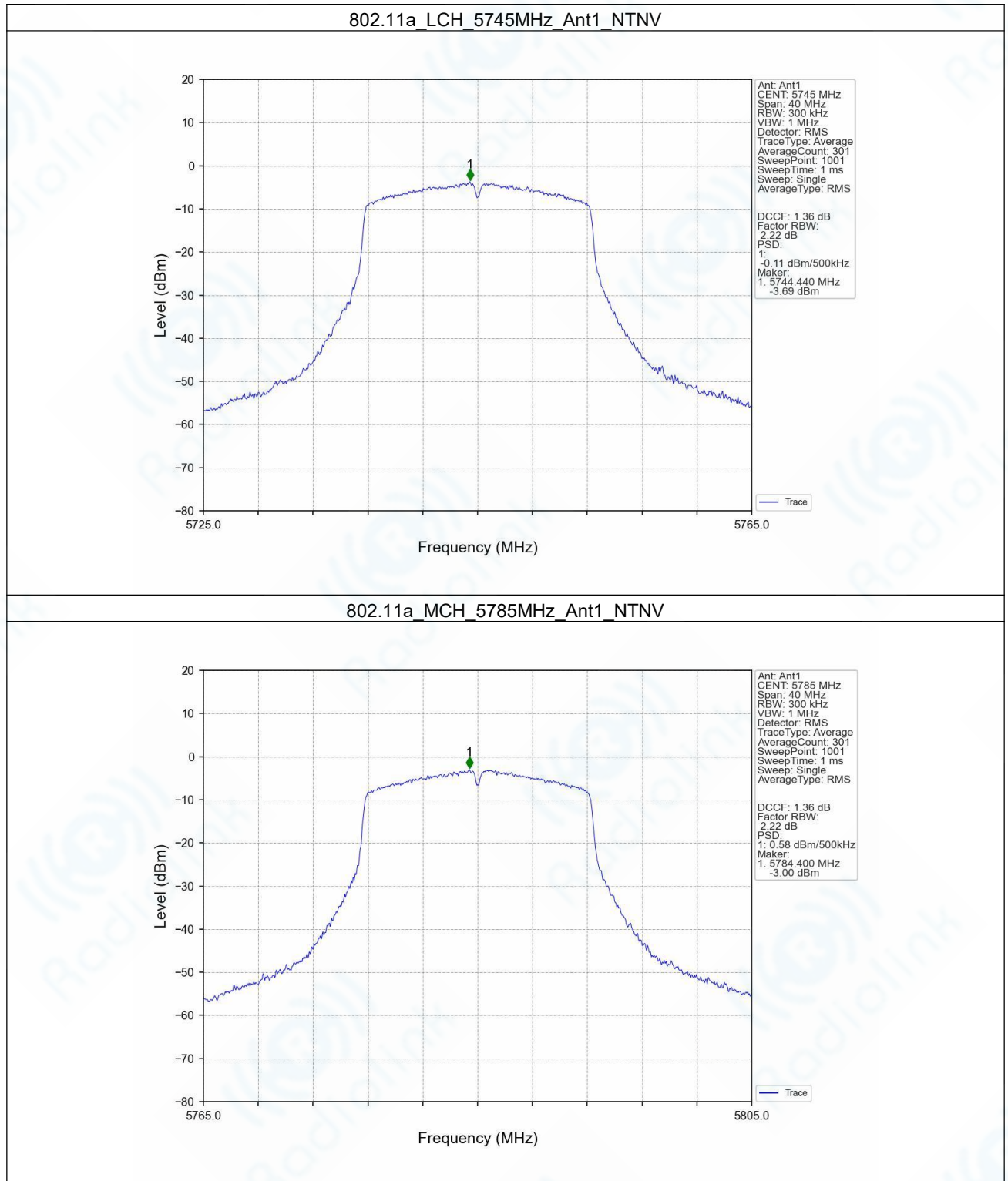




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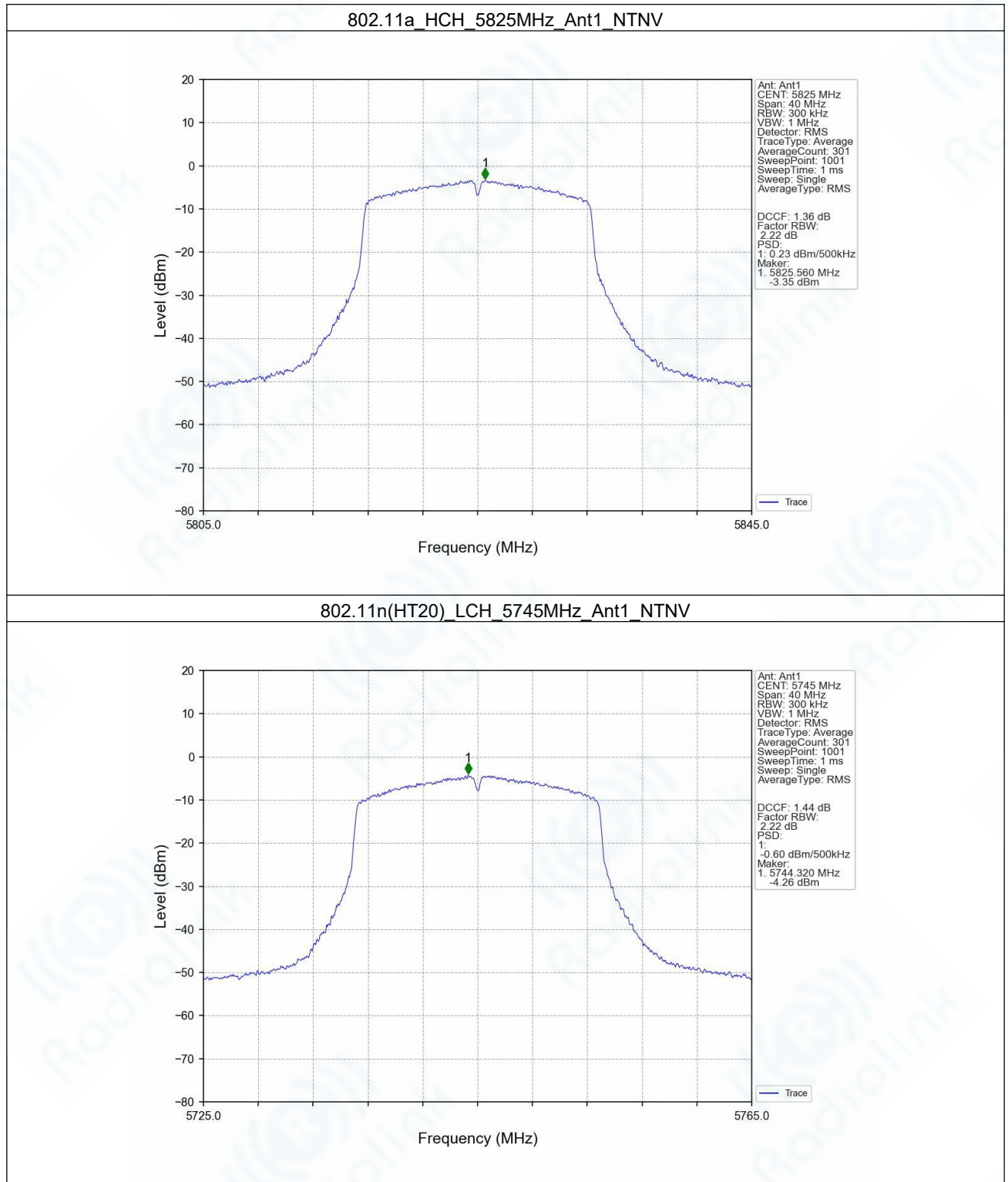
4.2.2 PSD-Band3



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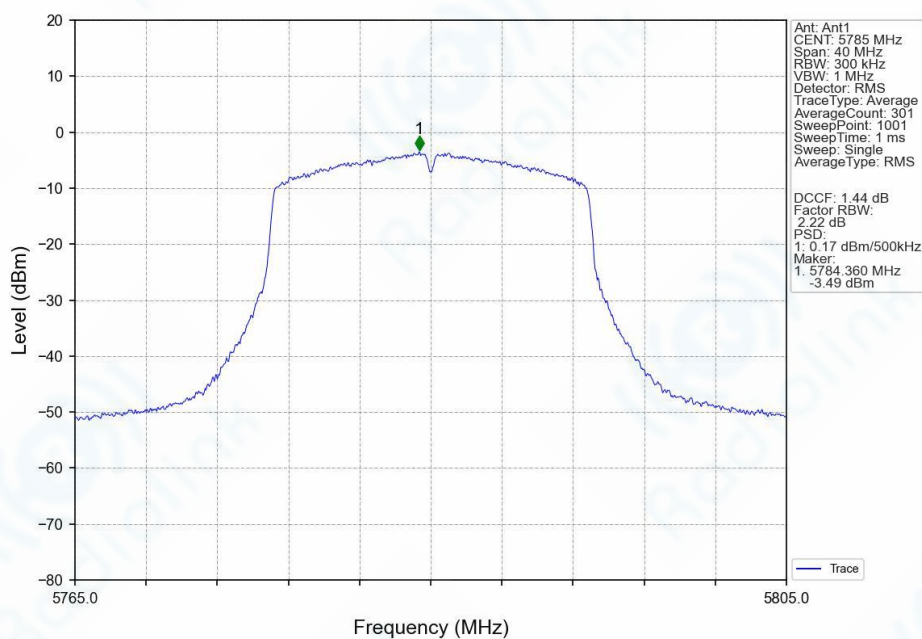


Radiolink Testing (Shenzhen) Co., Ltd.

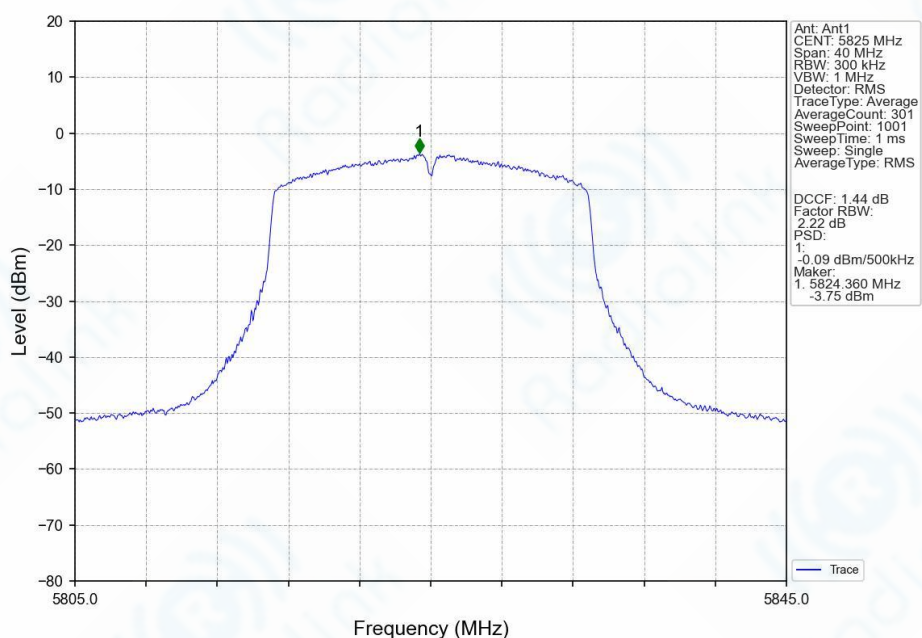
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

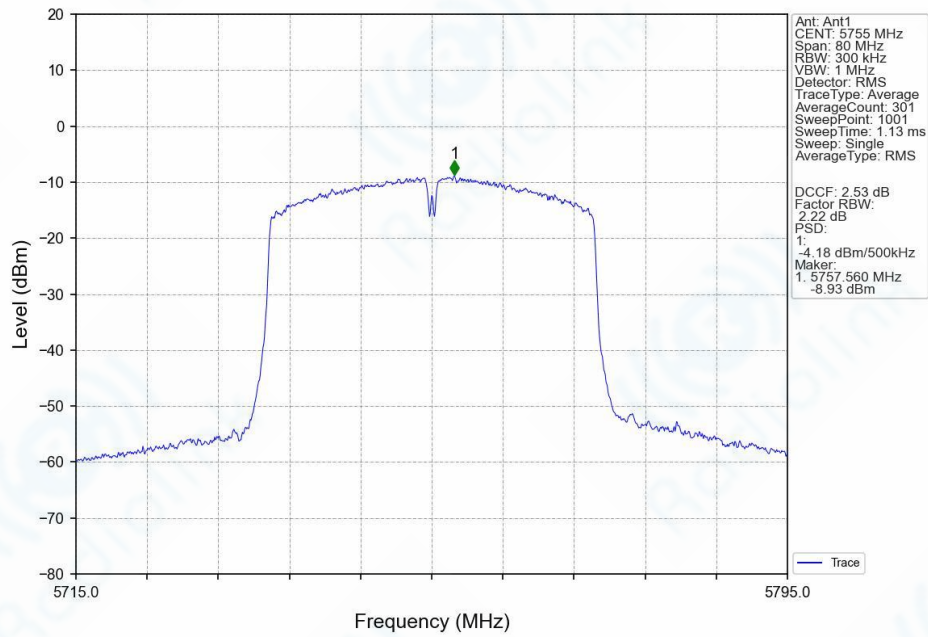


Radiolink Testing (Shenzhen) Co., Ltd.

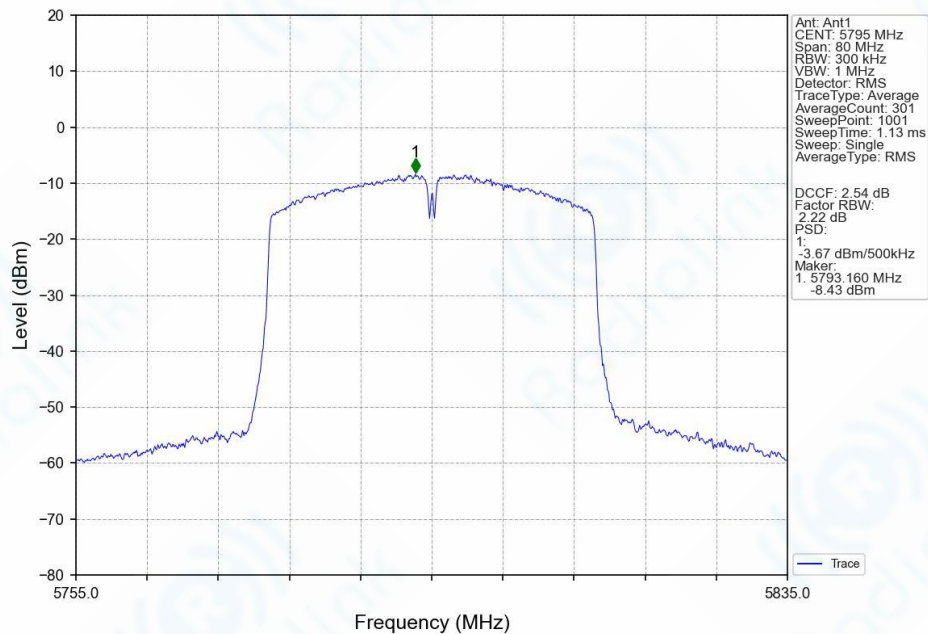
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	LV	5180.080	5150 to 5250	Pass
				NV	5180.020	5150 to 5250	Pass
				HV	5180.060	5150 to 5250	Pass
			-30	NV	5180.000	5150 to 5250	Pass
			-20	NV	5180.020	5150 to 5250	Pass
			-10	NV	5180.100	5150 to 5250	Pass
			0	NV	5179.980	5150 to 5250	Pass
			10	NV	5180.020	5150 to 5250	Pass
			30	NV	5180.020	5150 to 5250	Pass
			40	NV	5180.020	5150 to 5250	Pass
			50	NV	5179.980	5150 to 5250	Pass
		5200	20	LV	5200.020	5150 to 5250	Pass
				NV	5200.020	5150 to 5250	Pass
				HV	5200.040	5150 to 5250	Pass
			-30	NV	5200.020	5150 to 5250	Pass
			-20	NV	5200.020	5150 to 5250	Pass
			-10	NV	5200.000	5150 to 5250	Pass
			0	NV	5200.000	5150 to 5250	Pass
			10	NV	5200.020	5150 to 5250	Pass
			30	NV	5200.000	5150 to 5250	Pass
			40	NV	5200.040	5150 to 5250	Pass
			50	NV	5200.000	5150 to 5250	Pass
		5240	20	LV	5240.000	5150 to 5250	Pass
				NV	5240.020	5150 to 5250	Pass
				HV	5240.040	5150 to 5250	Pass
			-30	NV	5240.040	5150 to 5250	Pass
			-20	NV	5240.020	5150 to 5250	Pass
			-10	NV	5240.000	5150 to 5250	Pass
			0	NV	5240.060	5150 to 5250	Pass
			10	NV	5240.060	5150 to 5250	Pass
			30	NV	5239.980	5150 to 5250	Pass
			40	NV	5240.020	5150 to 5250	Pass
			50	NV	5240.020	5150 to 5250	Pass
		5745	20	LV	5745.040	5725 to 5850	Pass
				NV	5745.000	5725 to 5850	Pass
				HV	5745.020	5725 to 5850	Pass
			-30	NV	5745.000	5725 to 5850	Pass
			-20	NV	5745.000	5725 to 5850	Pass
			-10	NV	5745.020	5725 to 5850	Pass
			0	NV	5745.020	5725 to 5850	Pass

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			10	NV	5745.080	5725 to 5850	Pass
			30	NV	5744.980	5725 to 5850	Pass
			40	NV	5744.980	5725 to 5850	Pass
			50	NV	5745.060	5725 to 5850	Pass
		5785	20	LV	5785.040	5725 to 5850	Pass
				NV	5785.020	5725 to 5850	Pass
				HV	5785.040	5725 to 5850	Pass
			-30	NV	5785.060	5725 to 5850	Pass
			-20	NV	5785.060	5725 to 5850	Pass
			-10	NV	5785.080	5725 to 5850	Pass
			0	NV	5784.980	5725 to 5850	Pass
			10	NV	5785.000	5725 to 5850	Pass
			30	NV	5785.040	5725 to 5850	Pass
			40	NV	5785.000	5725 to 5850	Pass
			50	NV	5785.060	5725 to 5850	Pass
		5825	20	LV	5825.040	5725 to 5850	Pass
				NV	5825.060	5725 to 5850	Pass
				HV	5825.020	5725 to 5850	Pass
			-30	NV	5825.020	5725 to 5850	Pass
			-20	NV	5824.980	5725 to 5850	Pass
			-10	NV	5824.980	5725 to 5850	Pass
			0	NV	5825.000	5725 to 5850	Pass
			10	NV	5825.020	5725 to 5850	Pass
			30	NV	5825.060	5725 to 5850	Pass
			40	NV	5825.080	5725 to 5850	Pass
			50	NV	5825.000	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	LV	5180.000	5150 to 5250	Pass
				NV	5180.020	5150 to 5250	Pass
				HV	5180.000	5150 to 5250	Pass
			-30	NV	5180.120	5150 to 5250	Pass
			-20	NV	5180.020	5150 to 5250	Pass
			-10	NV	5179.980	5150 to 5250	Pass
			0	NV	5180.020	5150 to 5250	Pass
			10	NV	5180.040	5150 to 5250	Pass
			30	NV	5179.980	5150 to 5250	Pass
			40	NV	5180.040	5150 to 5250	Pass
			50	NV	5180.060	5150 to 5250	Pass
		5200	20	LV	5200.040	5150 to 5250	Pass
				NV	5200.020	5150 to 5250	Pass
				HV	5200.040	5150 to 5250	Pass
			-30	NV	5199.980	5150 to 5250	Pass
			-20	NV	5200.040	5150 to 5250	Pass
			-10	NV	5200.040	5150 to 5250	Pass
			0	NV	5200.000	5150 to 5250	Pass
			10	NV	5200.060	5150 to 5250	Pass
			30	NV	5200.020	5150 to 5250	Pass
			40	NV	5199.960	5150 to 5250	Pass
			50	NV	5200.040	5150 to 5250	Pass
		5240	20	LV	5240.020	5150 to 5250	Pass
				NV	5240.040	5150 to 5250	Pass
				HV	5239.980	5150 to 5250	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

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			-30	NV	5239.960	5150 to 5250	Pass
			-20	NV	5240.020	5150 to 5250	Pass
			-10	NV	5240.020	5150 to 5250	Pass
			0	NV	5240.040	5150 to 5250	Pass
			10	NV	5240.040	5150 to 5250	Pass
			30	NV	5239.980	5150 to 5250	Pass
			40	NV	5240.020	5150 to 5250	Pass
			50	NV	5239.980	5150 to 5250	Pass
		5745	20	LV	5745.060	5725 to 5850	Pass
				NV	5745.040	5725 to 5850	Pass
				HV	5745.080	5725 to 5850	Pass
			-30	NV	5745.040	5725 to 5850	Pass
			-20	NV	5745.020	5725 to 5850	Pass
			-10	NV	5745.060	5725 to 5850	Pass
			0	NV	5745.080	5725 to 5850	Pass
			10	NV	5745.040	5725 to 5850	Pass
			30	NV	5744.980	5725 to 5850	Pass
			40	NV	5745.020	5725 to 5850	Pass
			50	NV	5744.980	5725 to 5850	Pass
		5785	20	LV	5785.040	5725 to 5850	Pass
				NV	5785.000	5725 to 5850	Pass
				HV	5784.980	5725 to 5850	Pass
			-30	NV	5785.020	5725 to 5850	Pass
			-20	NV	5785.040	5725 to 5850	Pass
			-10	NV	5785.020	5725 to 5850	Pass
			0	NV	5785.020	5725 to 5850	Pass
			10	NV	5785.040	5725 to 5850	Pass
			30	NV	5785.020	5725 to 5850	Pass
			40	NV	5785.000	5725 to 5850	Pass
			50	NV	5785.040	5725 to 5850	Pass
		5825	20	LV	5825.020	5725 to 5850	Pass
				NV	5825.040	5725 to 5850	Pass
				HV	5825.000	5725 to 5850	Pass
			-30	NV	5824.960	5725 to 5850	Pass
			-20	NV	5825.000	5725 to 5850	Pass
			-10	NV	5825.000	5725 to 5850	Pass
			0	NV	5825.020	5725 to 5850	Pass
			10	NV	5825.040	5725 to 5850	Pass
			30	NV	5825.020	5725 to 5850	Pass
			40	NV	5825.020	5725 to 5850	Pass
			50	NV	5825.040	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	LV	5190.000	5150 to 5250	Pass
				NV	5189.720	5150 to 5250	Pass
				HV	5190.160	5150 to 5250	Pass
			-30	NV	5190.040	5150 to 5250	Pass
			-20	NV	5190.040	5150 to 5250	Pass
			-10	NV	5190.040	5150 to 5250	Pass
			0	NV	5190.120	5150 to 5250	Pass
			10	NV	5190.000	5150 to 5250	Pass
			30	NV	5190.200	5150 to 5250	Pass
			40	NV	5190.160	5150 to 5250	Pass

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			50	NV	5190.080	5150 to 5250	Pass
		5230	20	LV	5230.040	5150 to 5250	Pass
				NV	5230.200	5150 to 5250	Pass
				HV	5230.160	5150 to 5250	Pass
			-30	NV	5230.080	5150 to 5250	Pass
			-20	NV	5230.040	5150 to 5250	Pass
			-10	NV	5230.000	5150 to 5250	Pass
			0	NV	5230.040	5150 to 5250	Pass
			10	NV	5230.080	5150 to 5250	Pass
			30	NV	5230.320	5150 to 5250	Pass
			40	NV	5230.160	5150 to 5250	Pass
			50	NV	5230.080	5150 to 5250	Pass
		5755	20	LV	5755.120	5725 to 5850	Pass
				NV	5755.120	5725 to 5850	Pass
				HV	5755.040	5725 to 5850	Pass
			-30	NV	5755.120	5725 to 5850	Pass
			-20	NV	5755.000	5725 to 5850	Pass
			-10	NV	5755.120	5725 to 5850	Pass
			0	NV	5755.160	5725 to 5850	Pass
			10	NV	5755.120	5725 to 5850	Pass
			30	NV	5755.160	5725 to 5850	Pass
			40	NV	5754.840	5725 to 5850	Pass
			50	NV	5755.080	5725 to 5850	Pass
		5795	20	LV	5795.040	5725 to 5850	Pass
				NV	5794.680	5725 to 5850	Pass
				HV	5795.200	5725 to 5850	Pass
			-30	NV	5795.120	5725 to 5850	Pass
			-20	NV	5795.040	5725 to 5850	Pass
			-10	NV	5795.040	5725 to 5850	Pass
			0	NV	5795.000	5725 to 5850	Pass
			10	NV	5794.960	5725 to 5850	Pass
			30	NV	5795.000	5725 to 5850	Pass
			40	NV	5795.240	5725 to 5850	Pass
			50	NV	5794.840	5725 to 5850	Pass

- End of the Report -