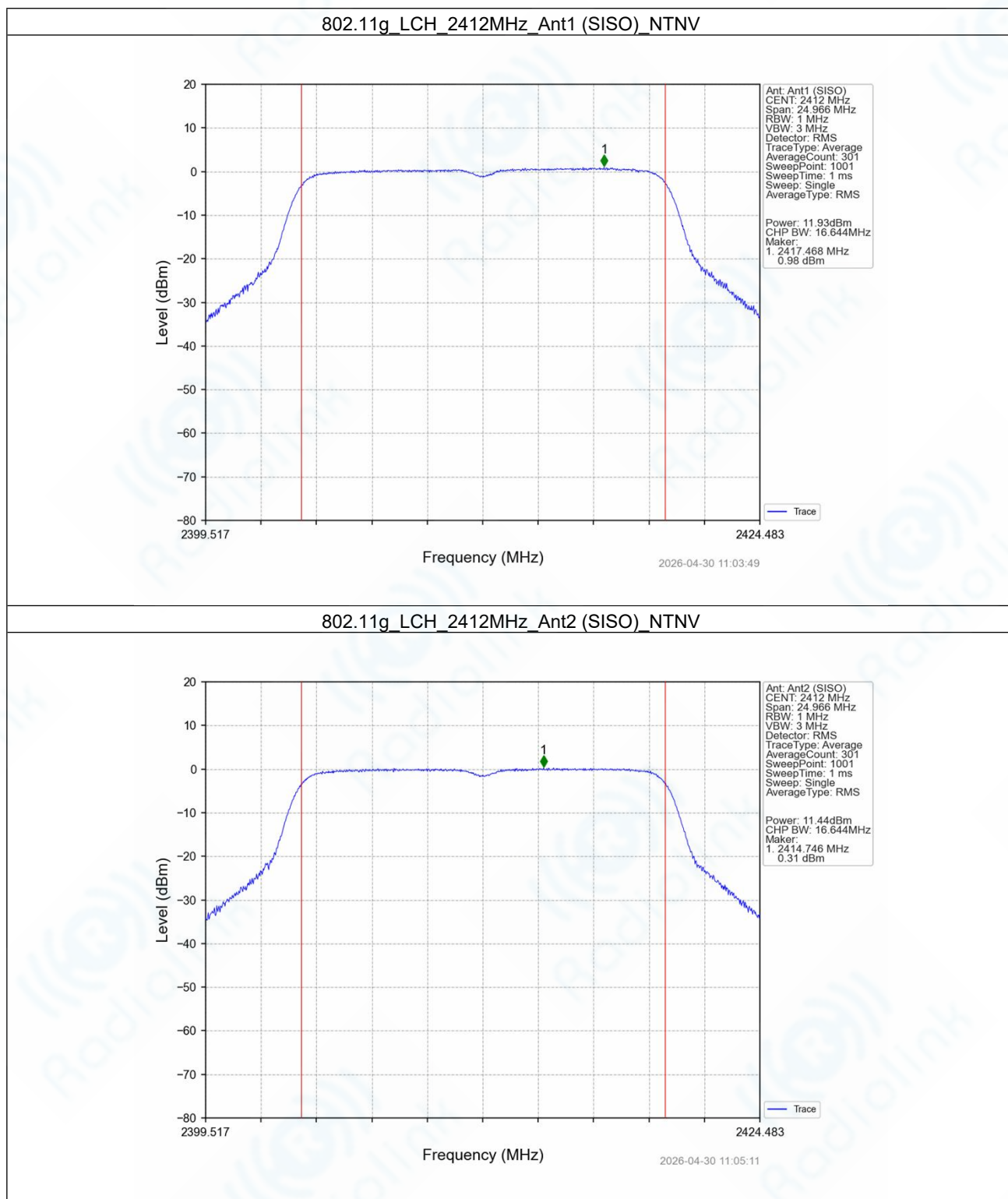
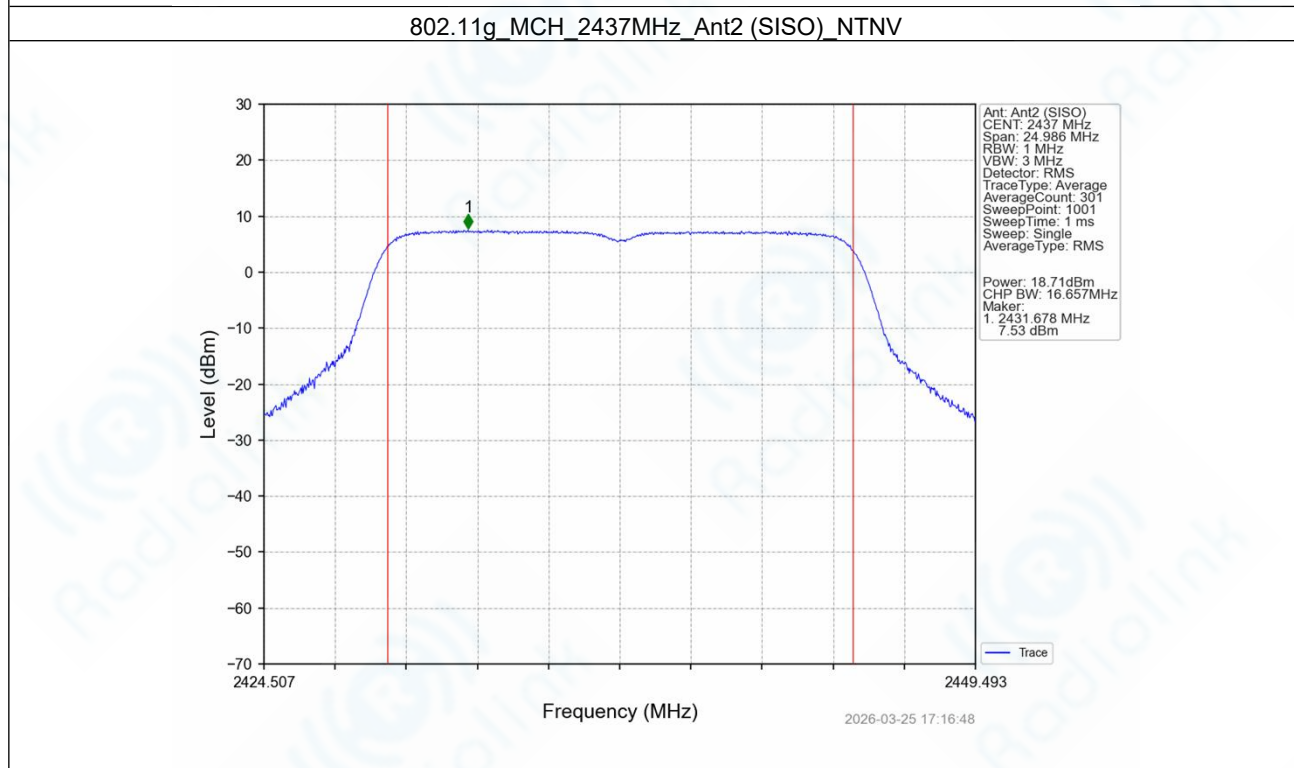
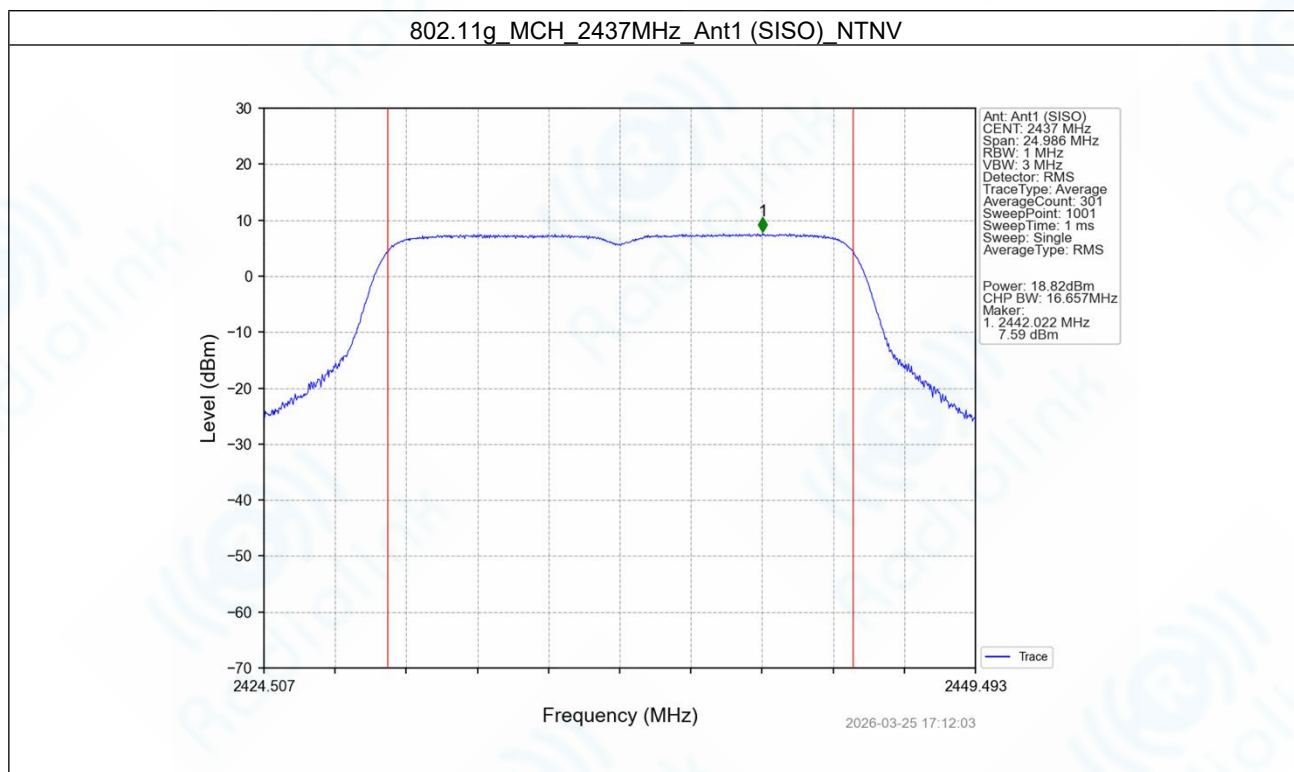




Radiolink Testing (Shenzhen) Co., Ltd.

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

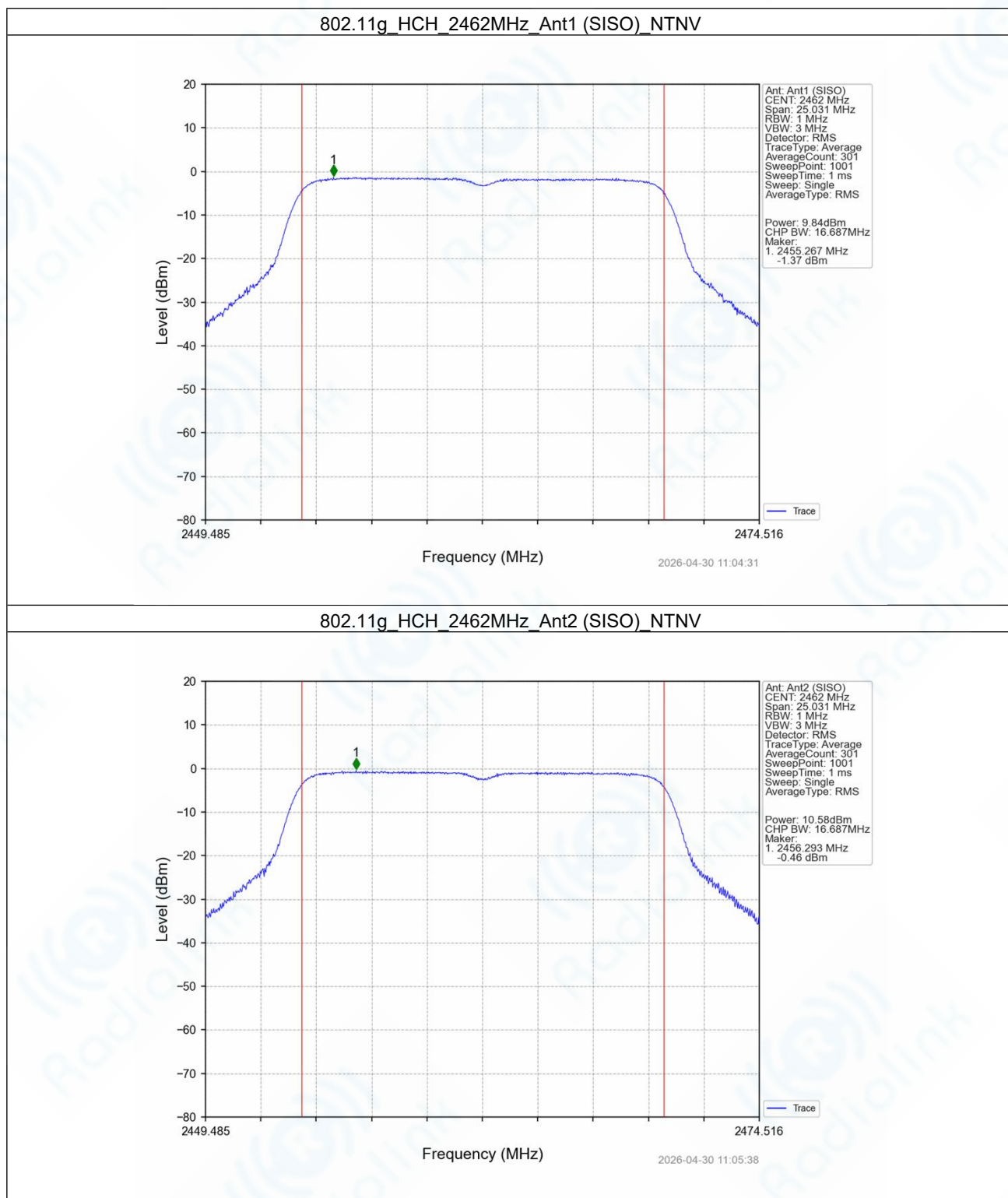
Tel: +86 0755 23080694



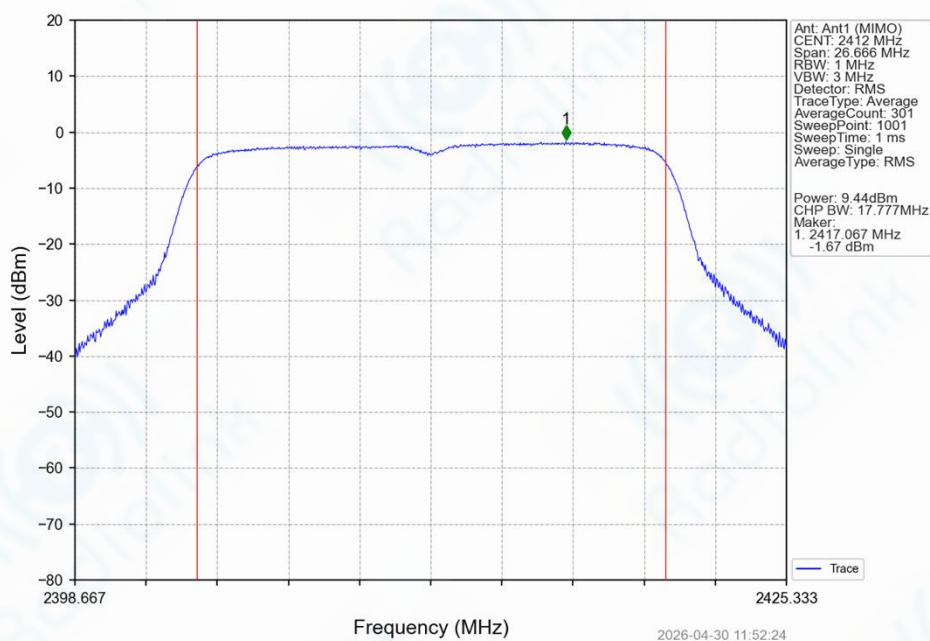
Radiolink Testing (Shenzhen) Co., Ltd.

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

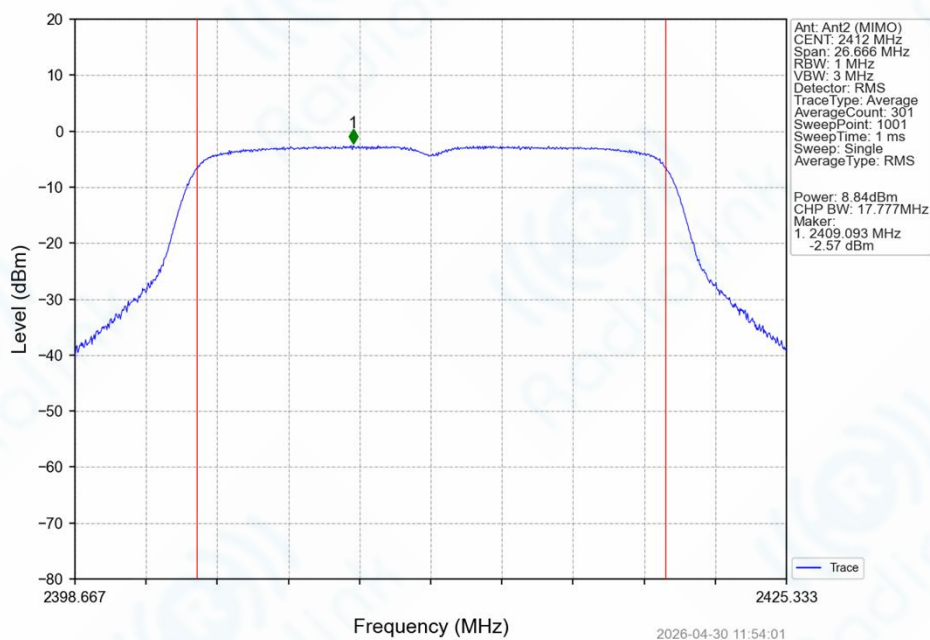
Tel: +86 0755 23080694



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



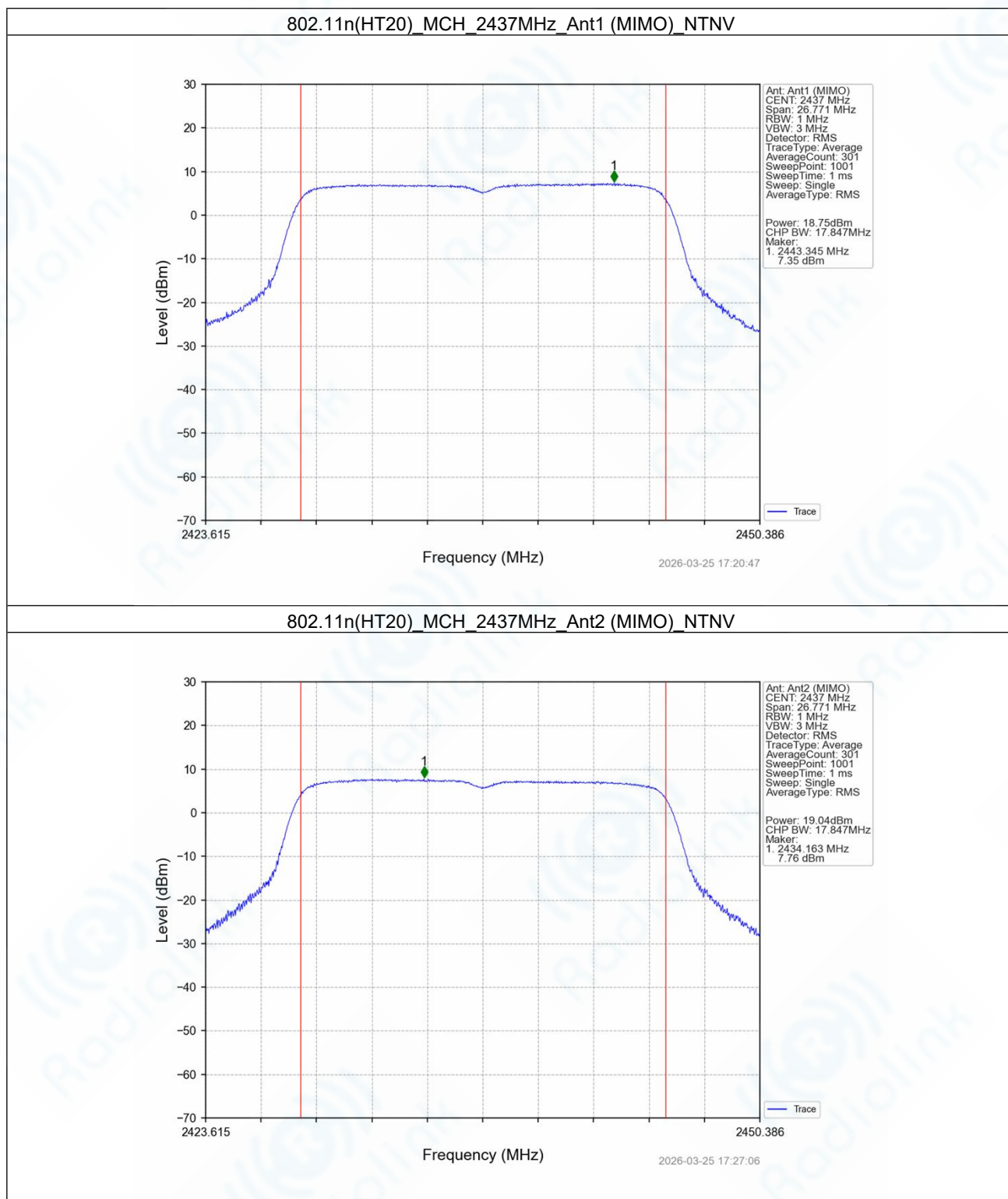
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



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

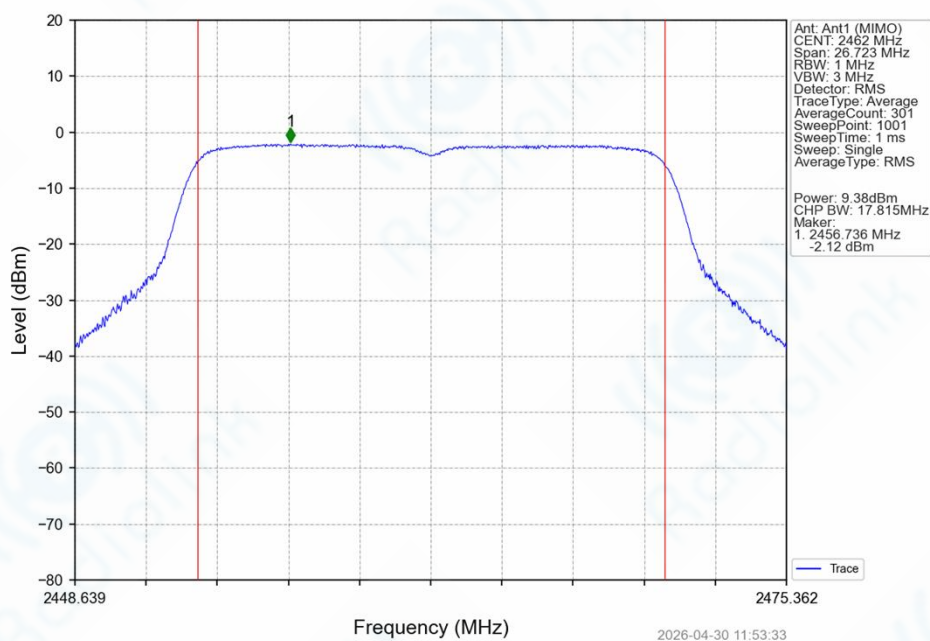


Radiolink Testing (Shenzhen) Co., Ltd.

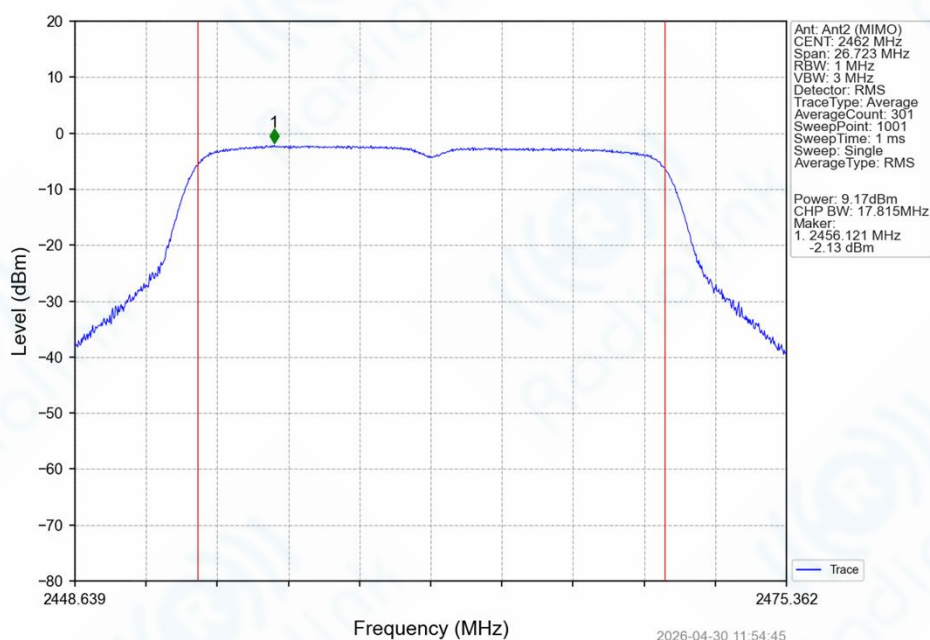
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

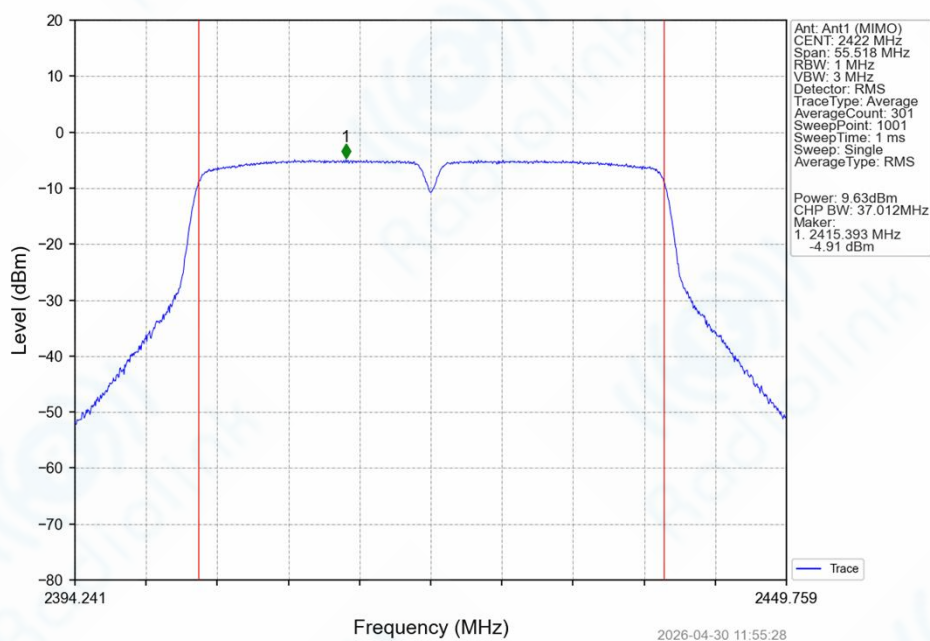
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



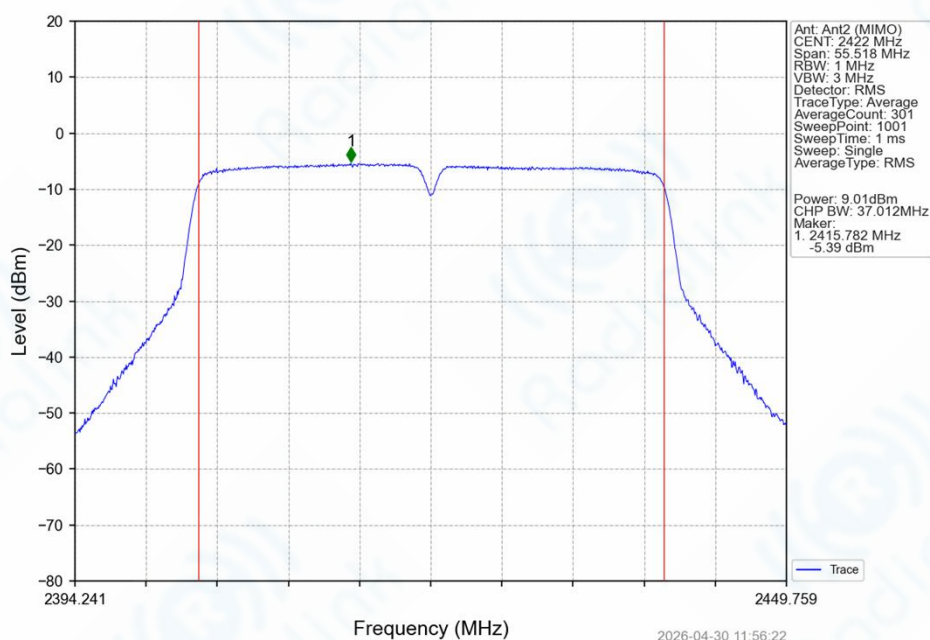
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



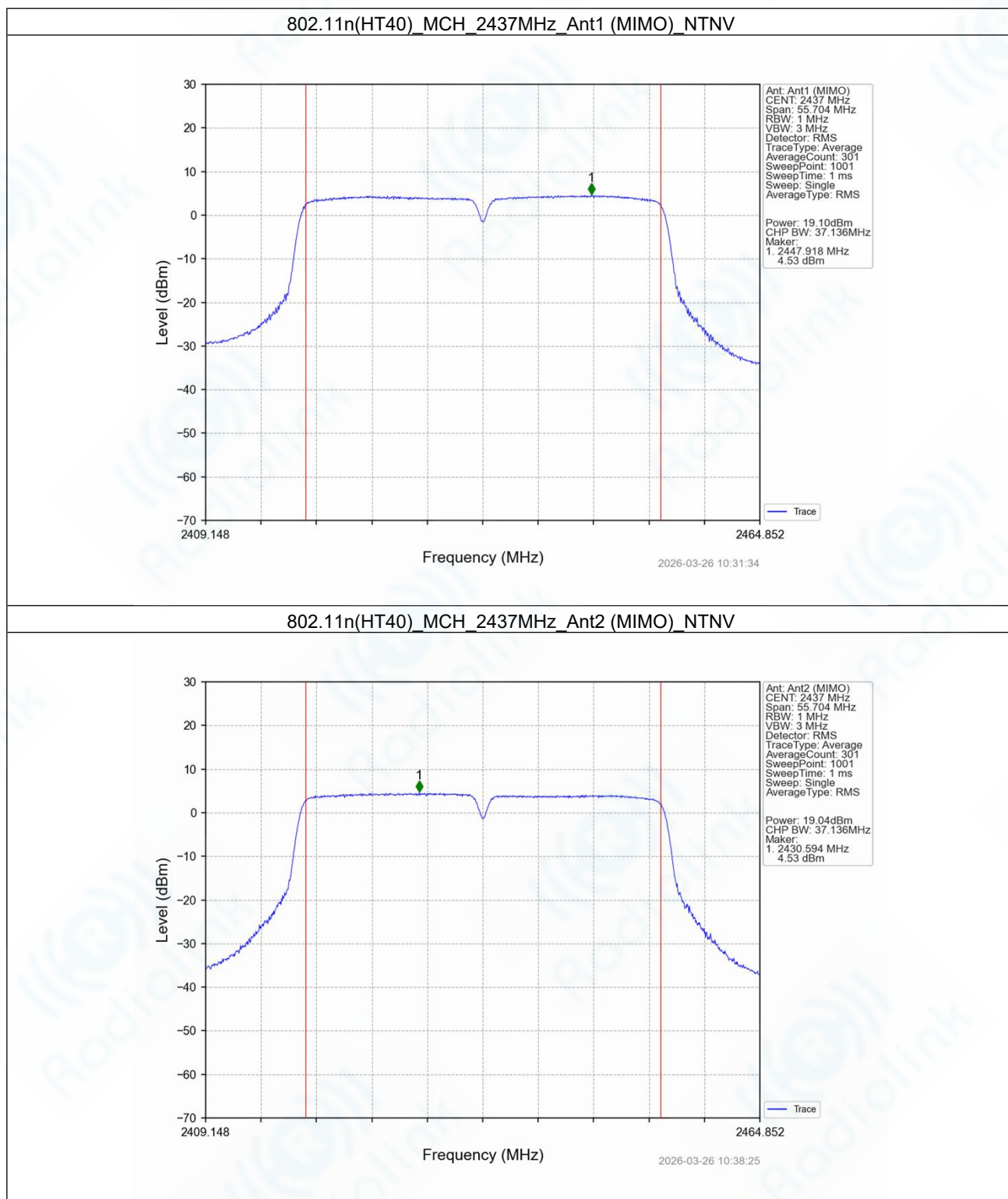
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



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

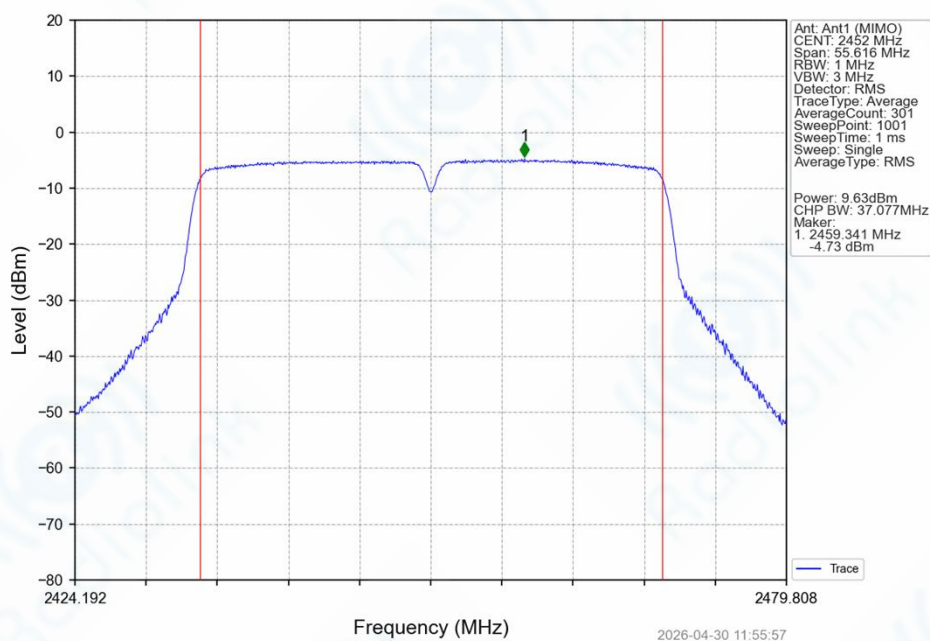


Radiolink Testing (Shenzhen) Co., Ltd.

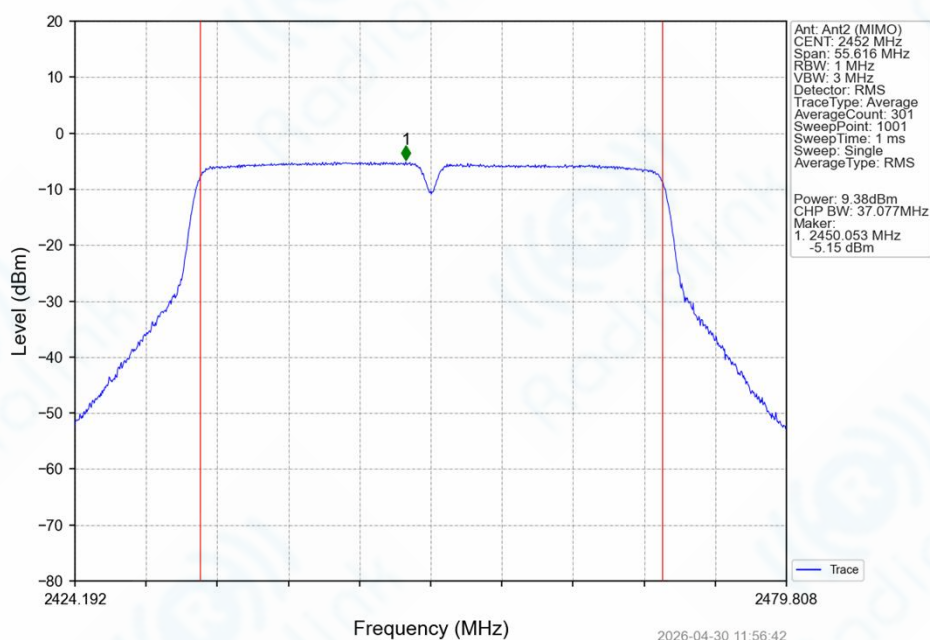
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

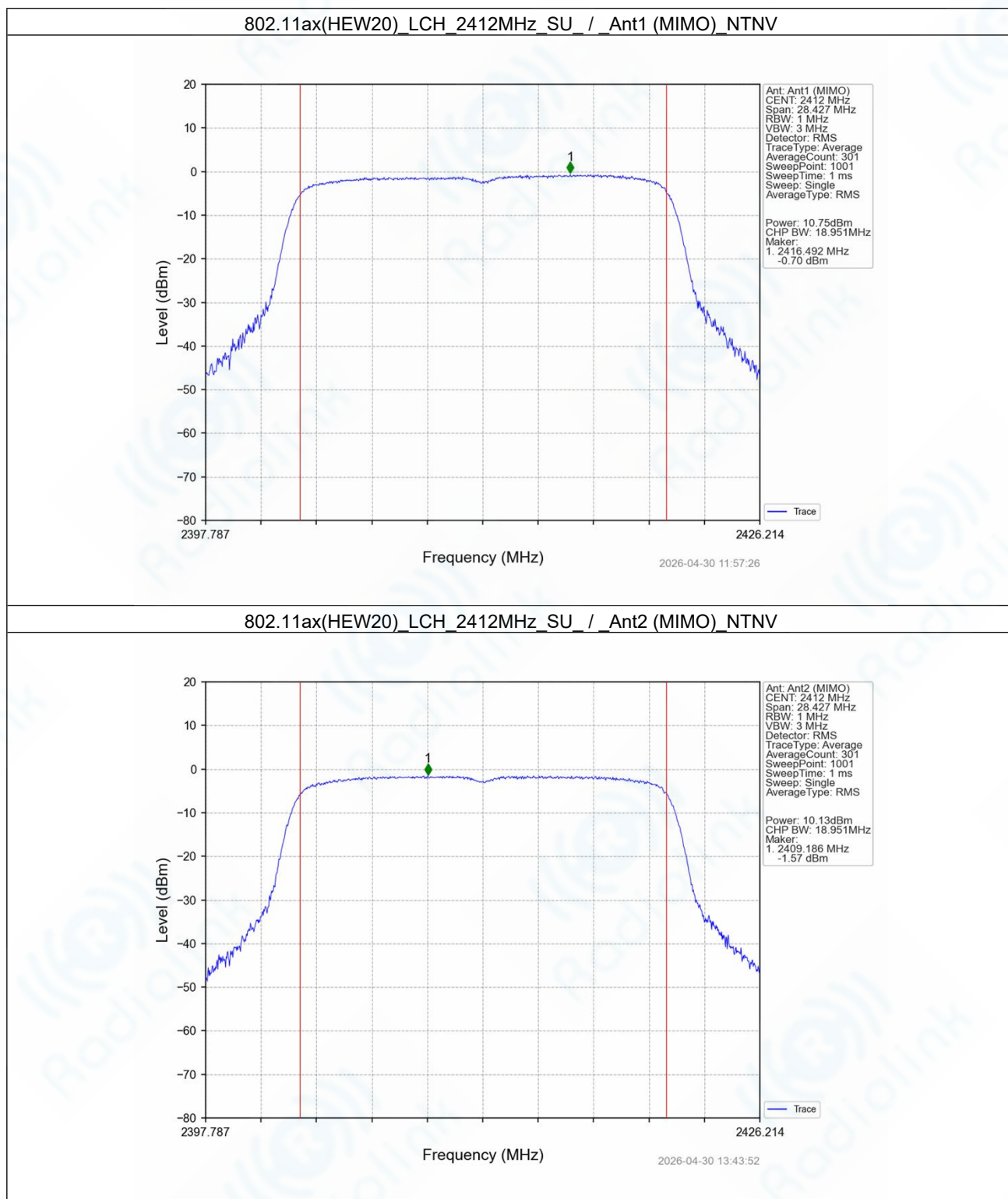
Tel: +86 0755 23080694

802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



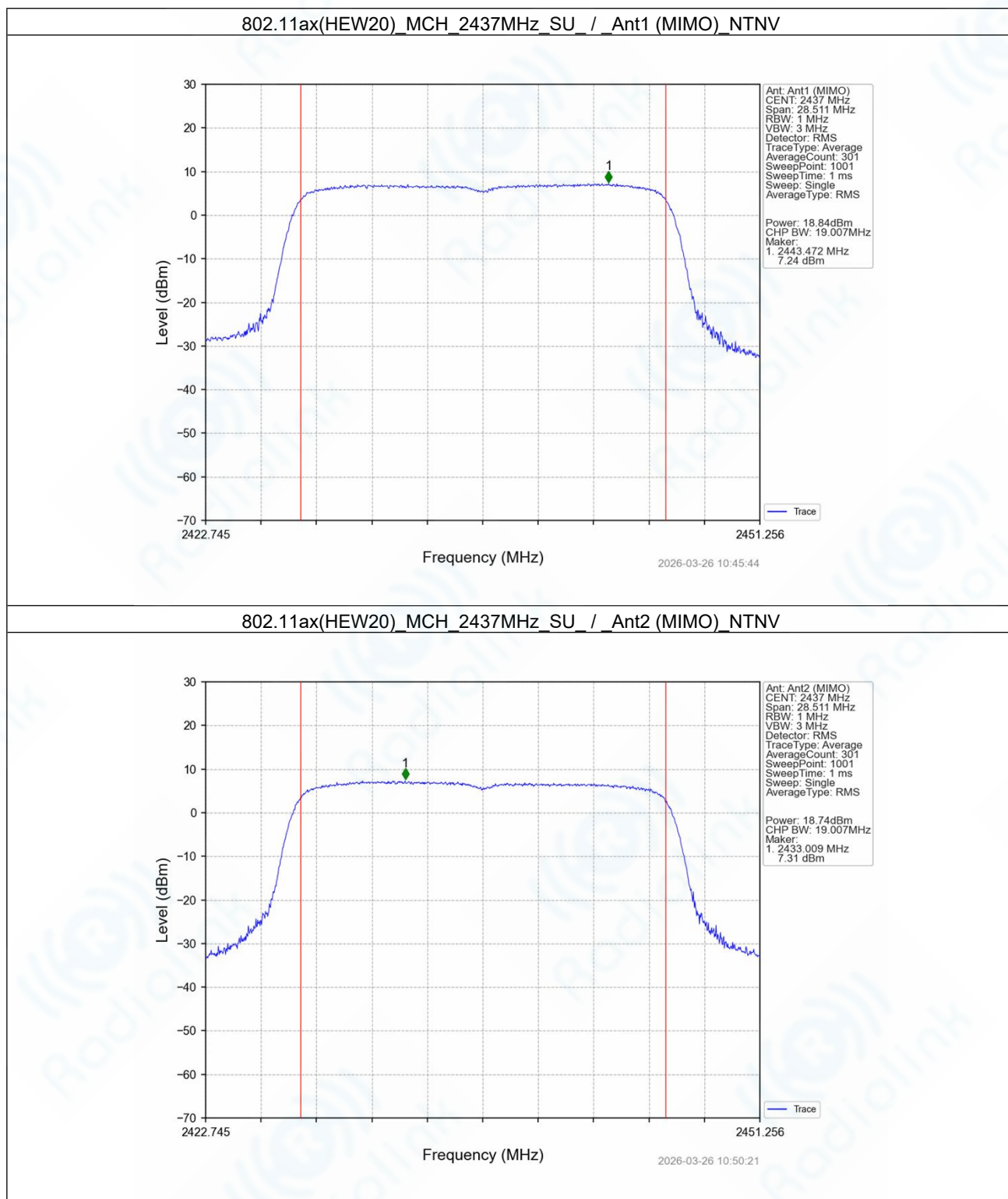
802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV





Radiolink Testing (Shenzhen) Co., Ltd.

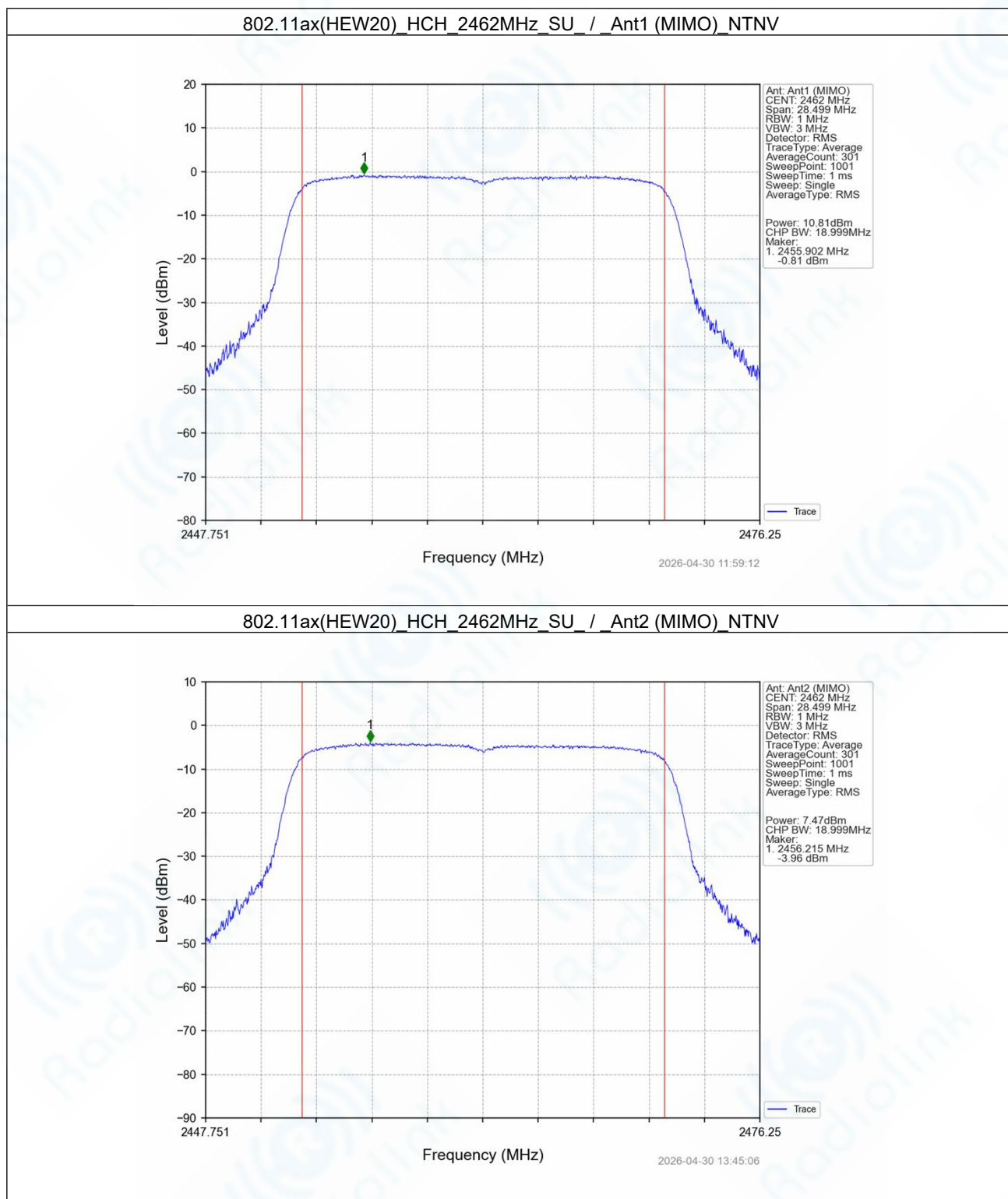
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

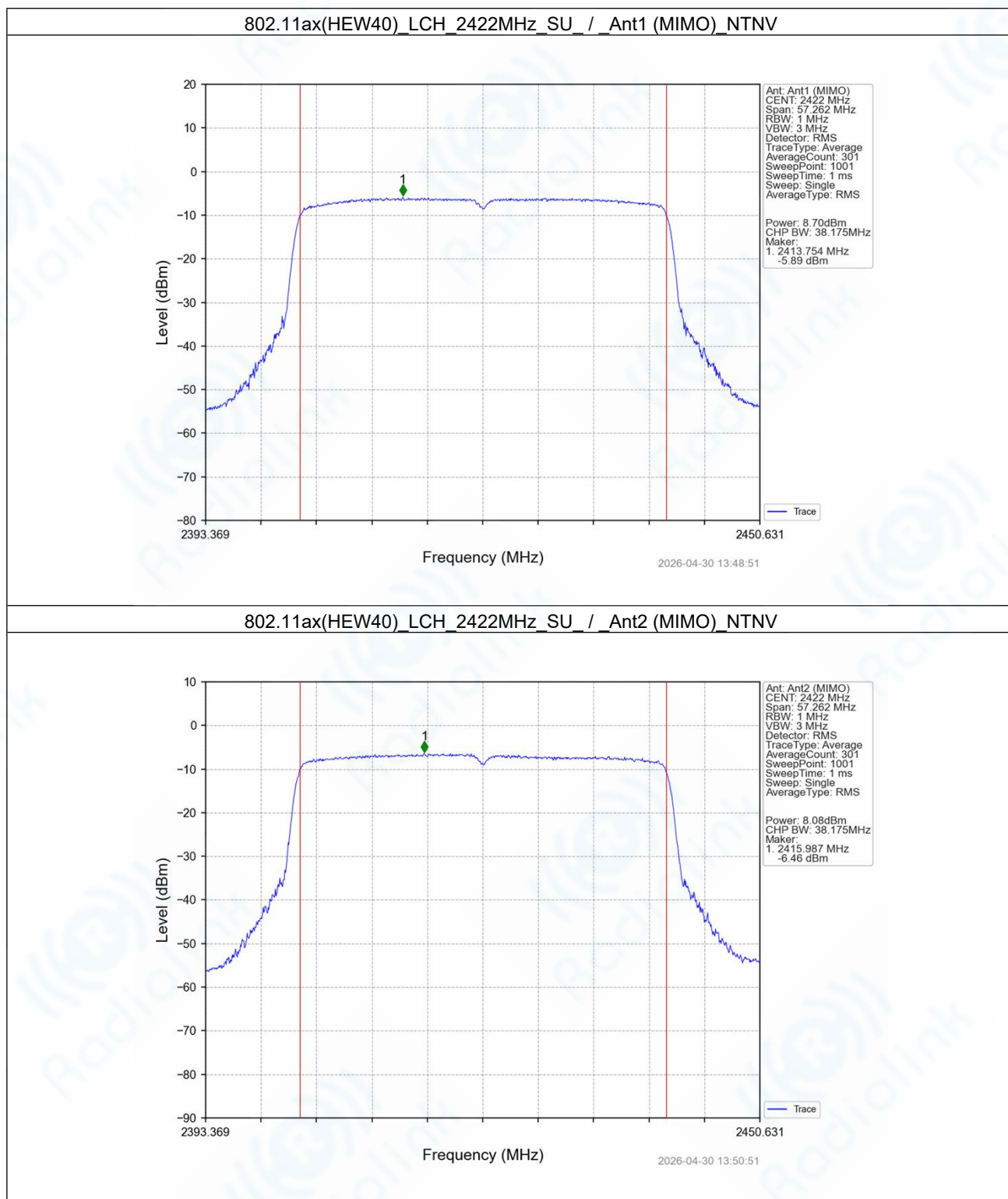


Radiolink Testing (Shenzhen) Co., Ltd.

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

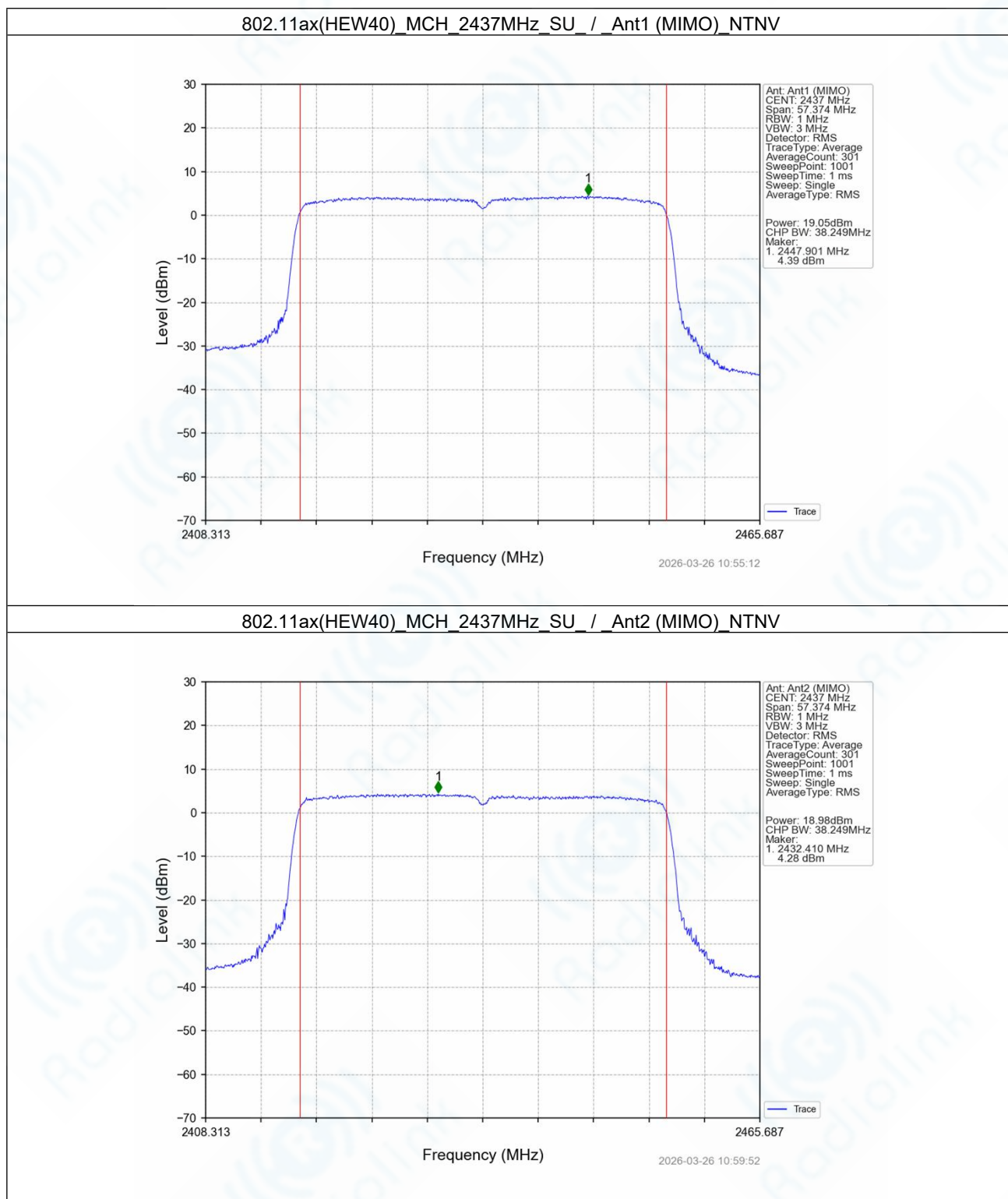




Radiolink Testing (Shenzhen) Co., Ltd.

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

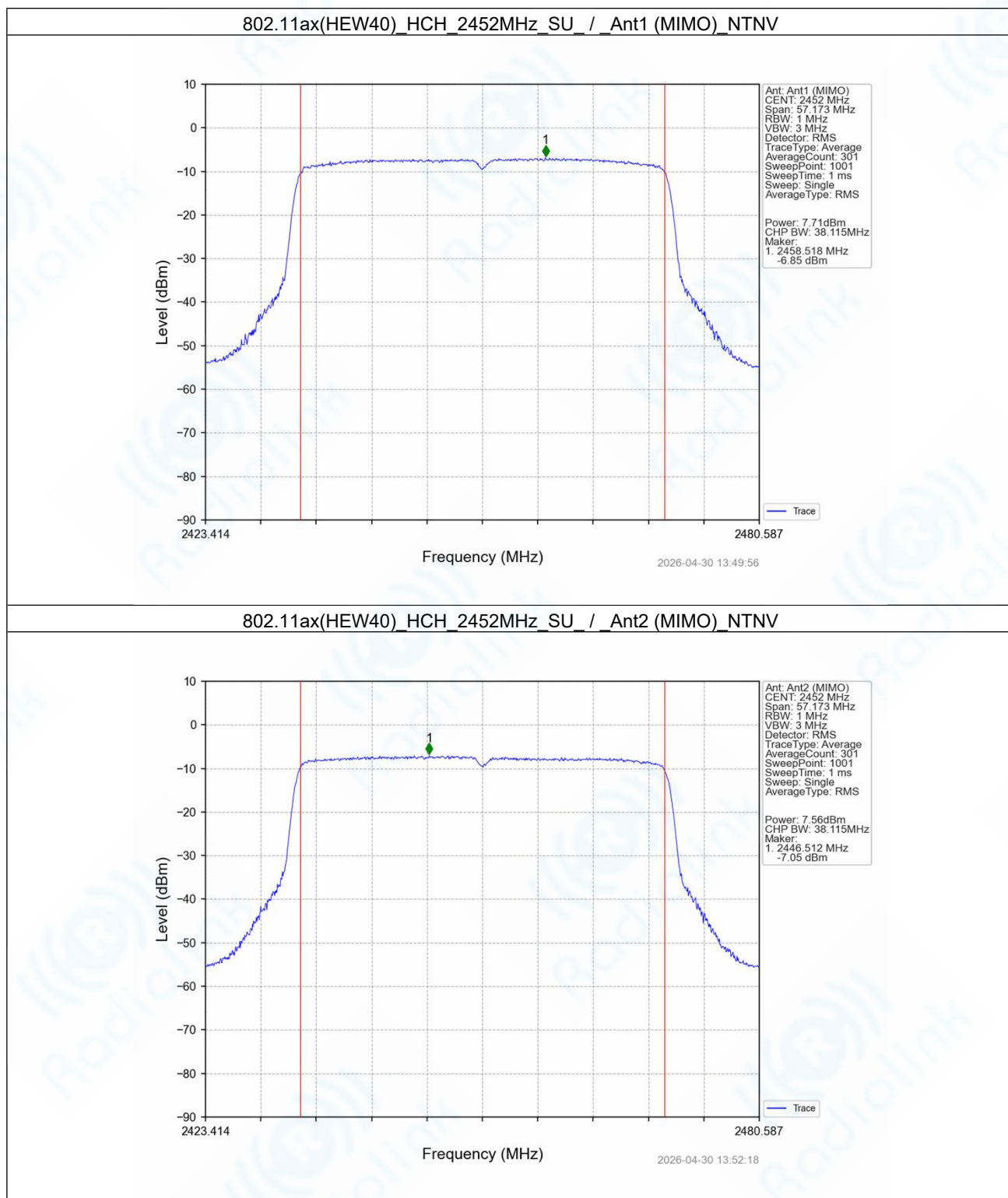
Tel: +86 0755 23080694



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



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit(dBm/3kHz)	
802.11b	SISO	2412	/	/	-3.51dBm/3kHz	-4.24dBm/3kHz	/	<=8	Pass
		2437	/	/	-2.87dBm/3kHz	-4.04dBm/3kHz	/	<=8	Pass
		2462	/	/	-3.08dBm/3kHz	-3.78dBm/3kHz	/	<=8	Pass
802.11g	SISO	2412	/	/	-11.71dBm/3kHz	-11.87dBm/3kHz	/	<=8	Pass
		2437	/	/	-6.32dBm/3kHz	-4.86dBm/3kHz	/	<=8	Pass
		2462	/	/	-12.85dBm/3kHz	-13.48dBm/3kHz	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-13.90dBm/3kHz	-15.07dBm/3kHz	-13.54dBm/3kHz	<=8	Pass
		2437	/	/	-6.54dBm/3kHz	-6.46dBm/3kHz	-3.95dBm/3kHz	<=8	Pass
		2462	/	/	-15.17dBm/3kHz	-15.02dBm/3kHz	-13.68dBm/3kHz	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-17.52dBm/3kHz	-18.48dBm/3kHz	-15.76dBm/3kHz	<=8	Pass
		2437	/	/	-8.35dBm/3kHz	-9.33dBm/3kHz	-6.77dBm/3kHz	<=8	Pass
		2452	/	/	-16.97dBm/3kHz	-18.16dBm/3kHz	-15.60dBm/3kHz	<=8	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	-13.82dBm/3kHz	-13.87dBm/3kHz	-12.22dBm/3kHz	<=8	Pass
		2437	SU	/	-7.47dBm/3kHz	-7.19dBm/3kHz	-5.75dBm/3kHz	<=8	Pass
		2462	SU	/	-16.57dBm/3kHz	-16.17dBm/3kHz	-15.62dBm/3kHz	<=8	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	-18.38dBm/3kHz	-18.96dBm/3kHz	-17.34dBm/3kHz	<=8	Pass
		2437	SU	/	-8.65dBm/3kHz	-9.29dBm/3kHz	-7.71dBm/3kHz	<=8	Pass
		2452	SU	/	-19.00dBm/3kHz	-18.58dBm/3kHz	-17.54dBm/3kHz	<=8	Pass

Note1: Antenna Gain: Ant1: -1.70dBi; Ant2: -3.70dBi;

Note2: Directional Gain: -1.7dBi

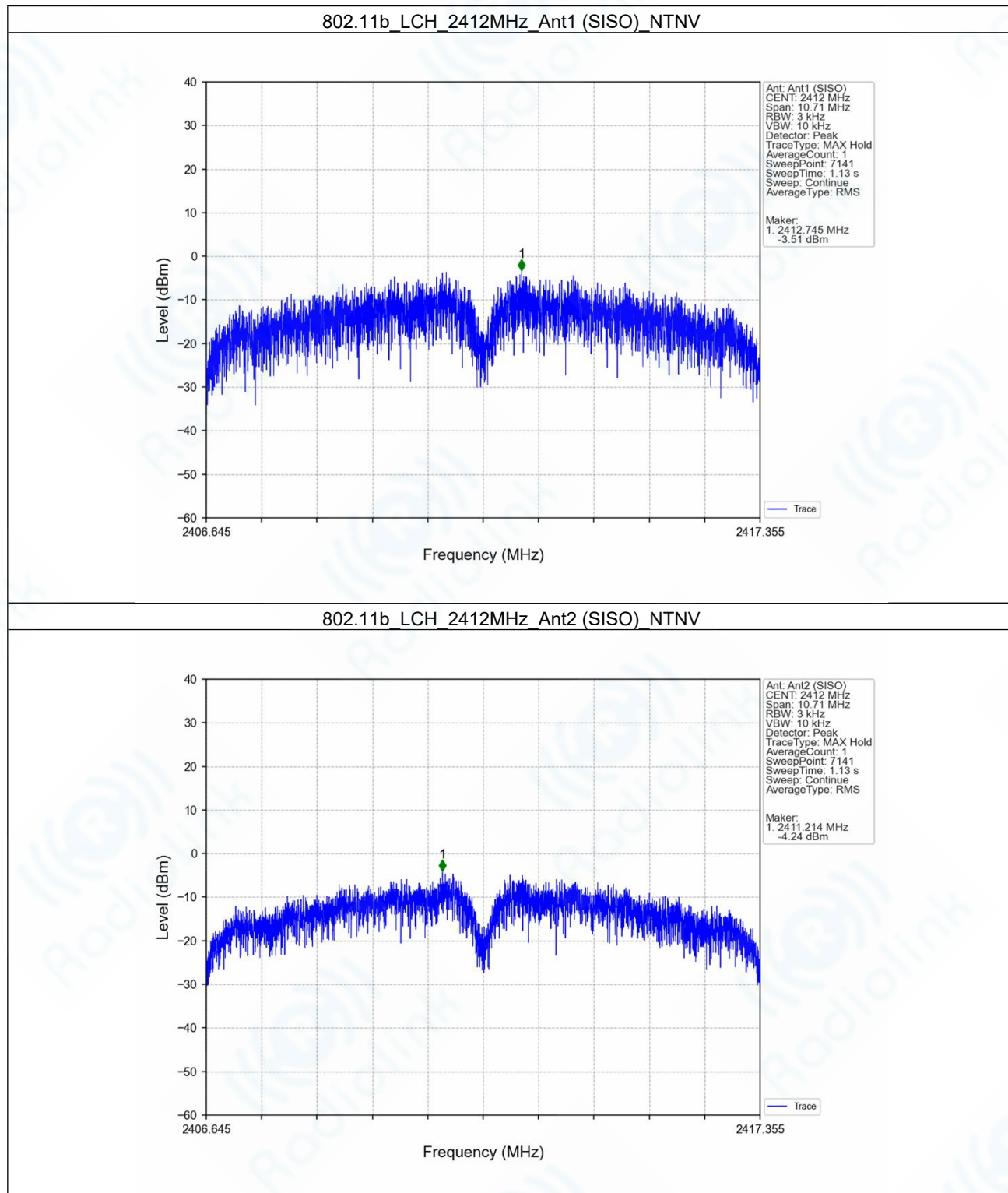
Radiolink Testing (Shenzhen) Co., Ltd.

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

4.2 Test Graph

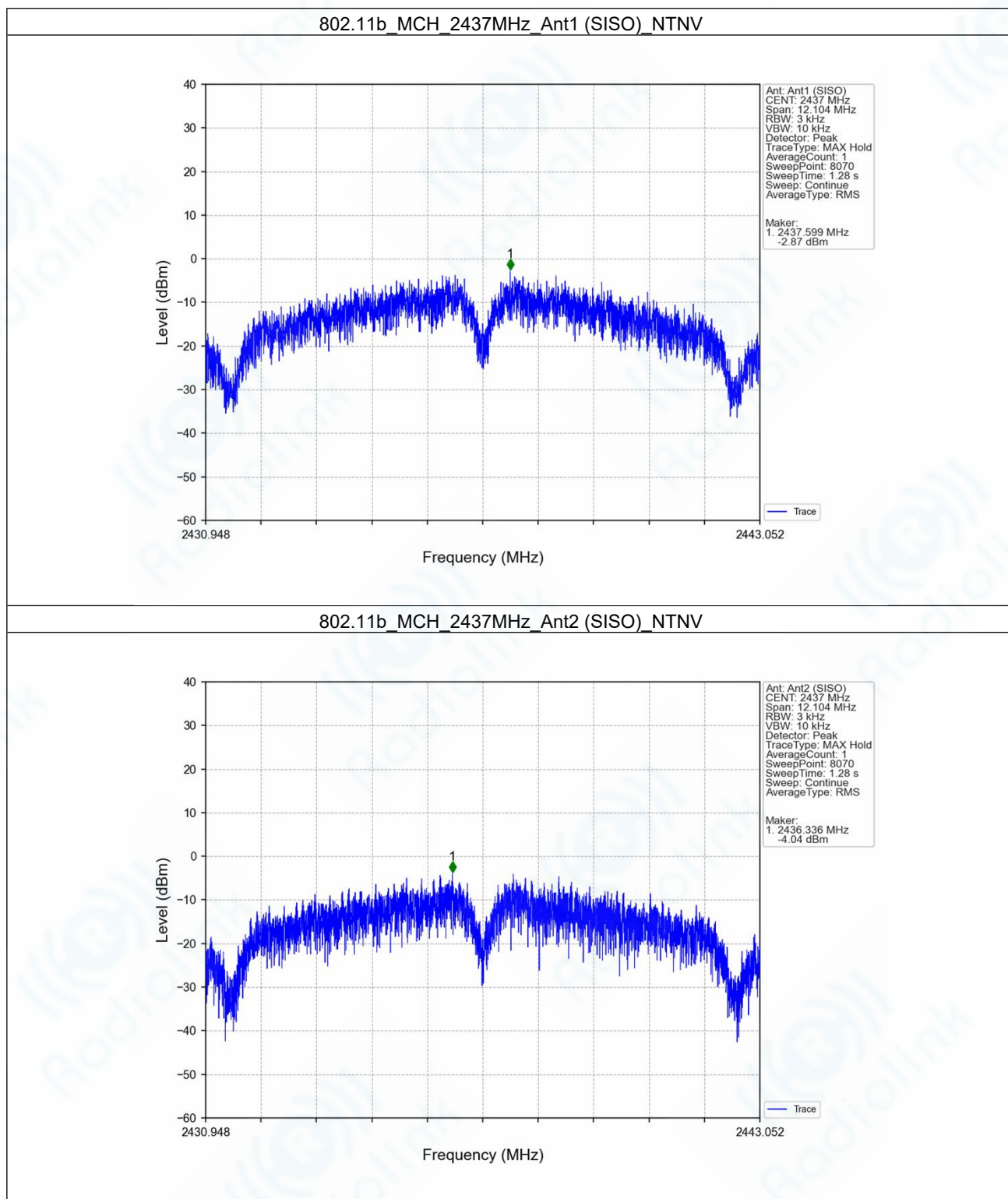
4.2.1 PSD



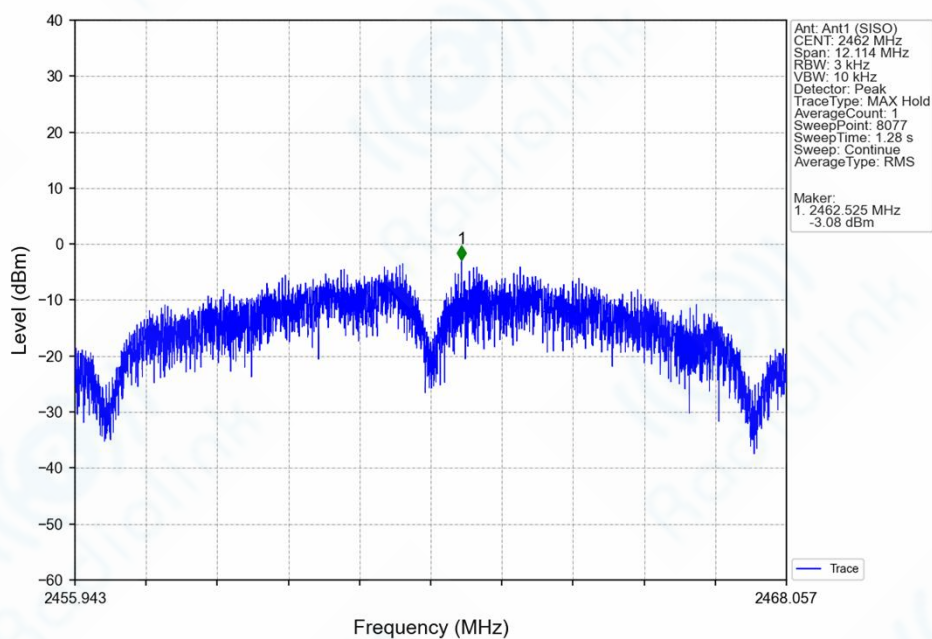
Radiolink Testing (Shenzhen) Co., Ltd.

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

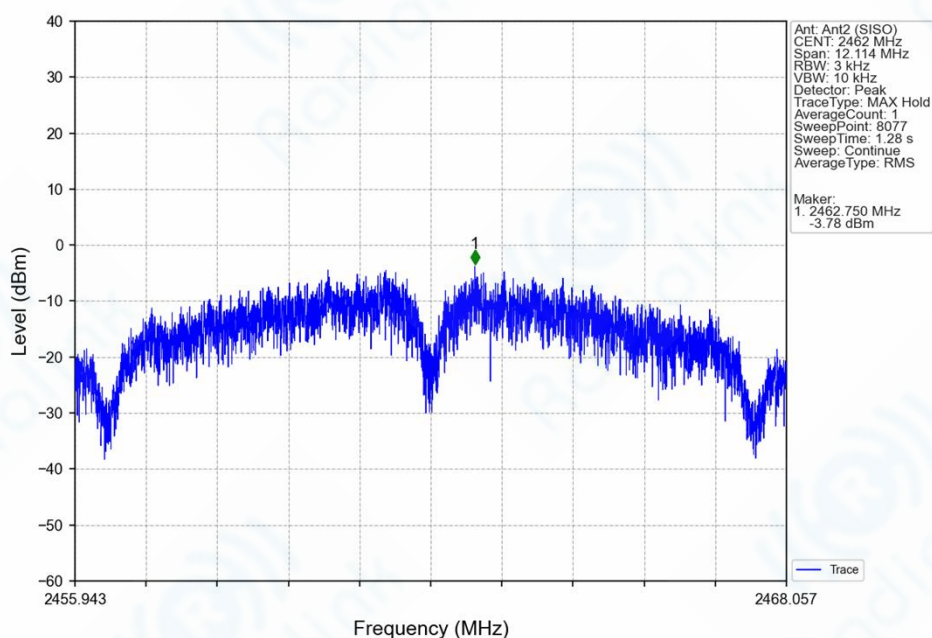
Tel: +86 0755 23080694



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

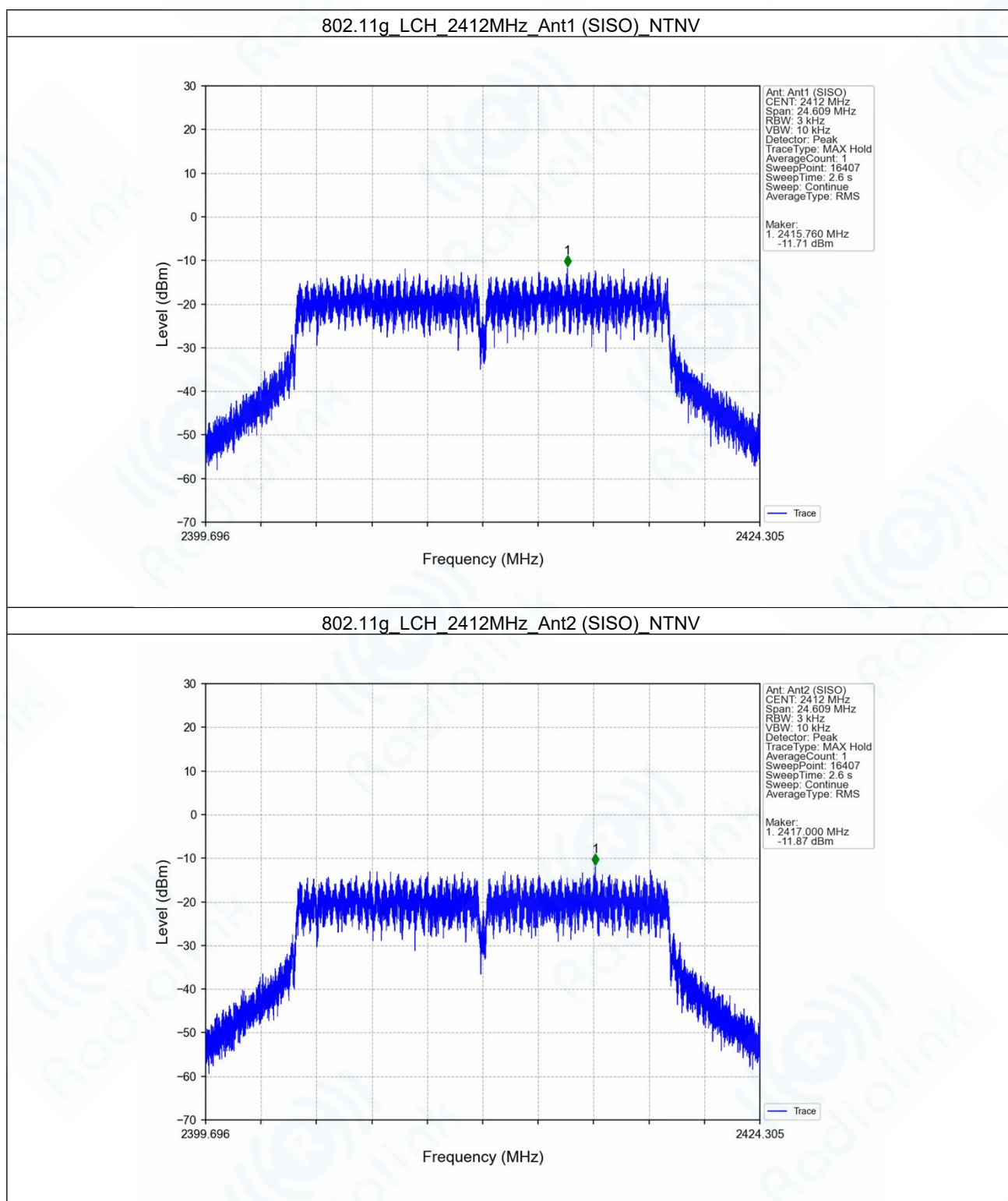


802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV

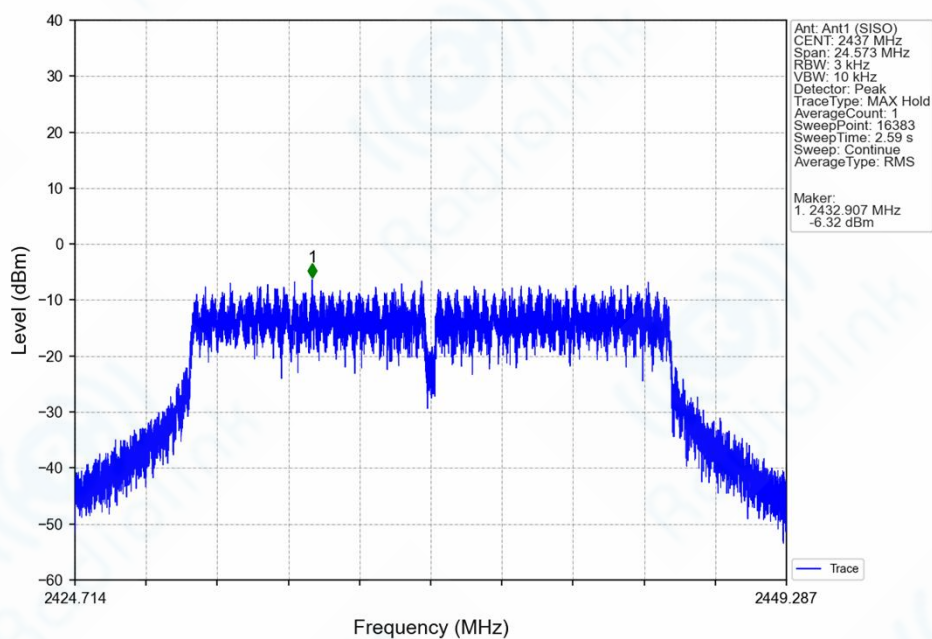

Radiolink Testing (Shenzhen) Co., Ltd.

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

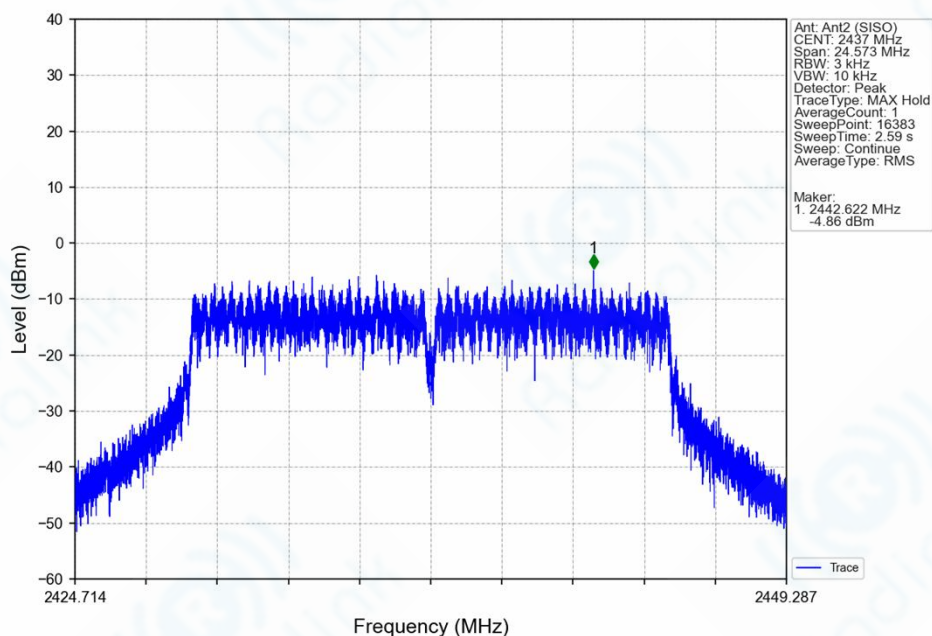
Tel: +86 0755 23080694



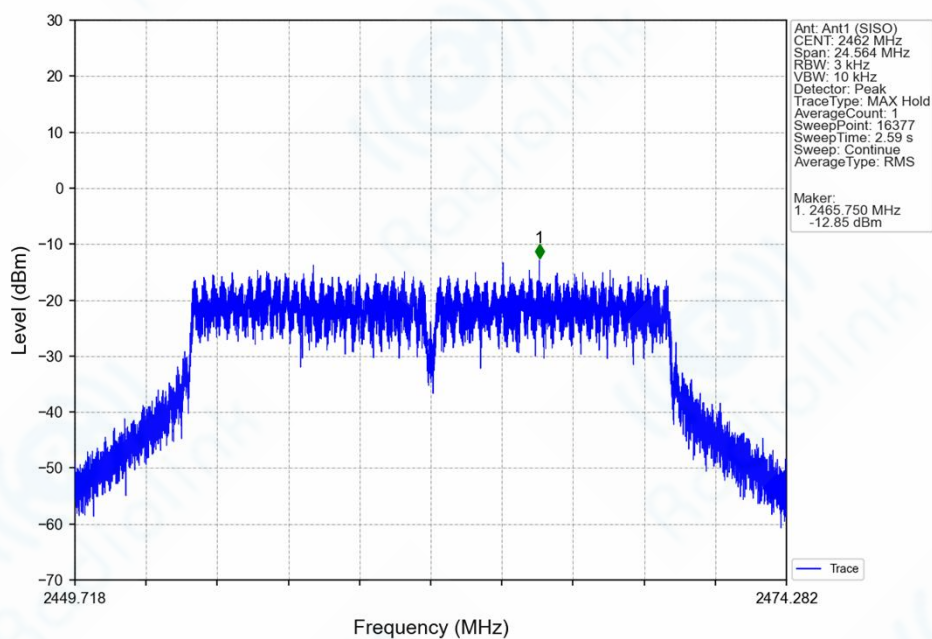
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



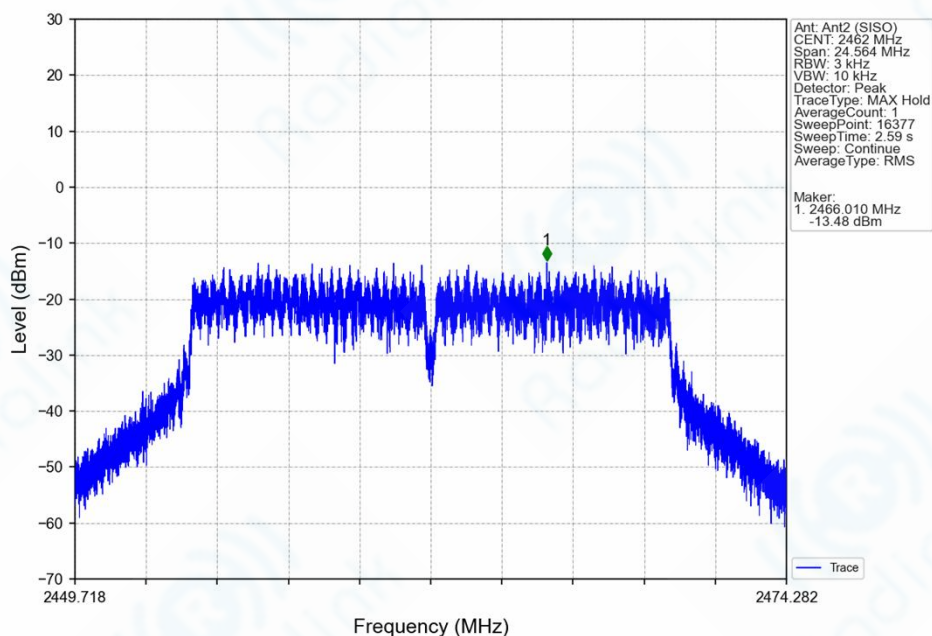
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

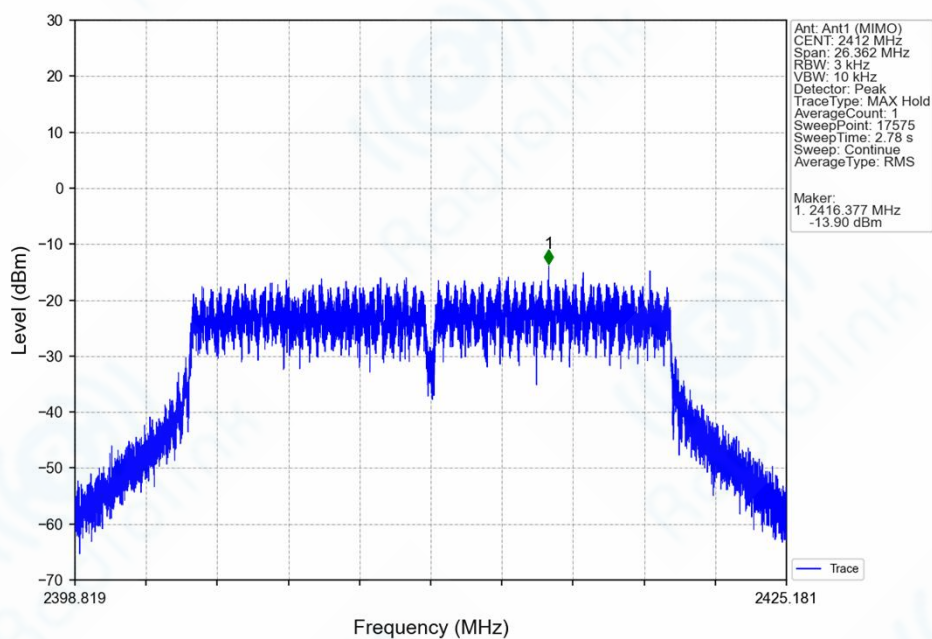


Radiolink Testing (Shenzhen) Co., Ltd.

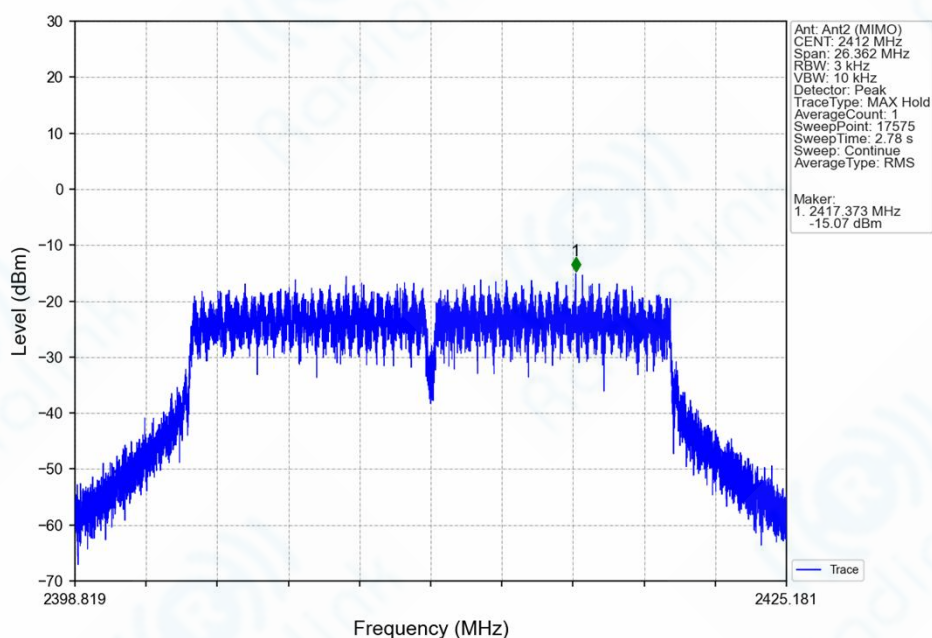
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



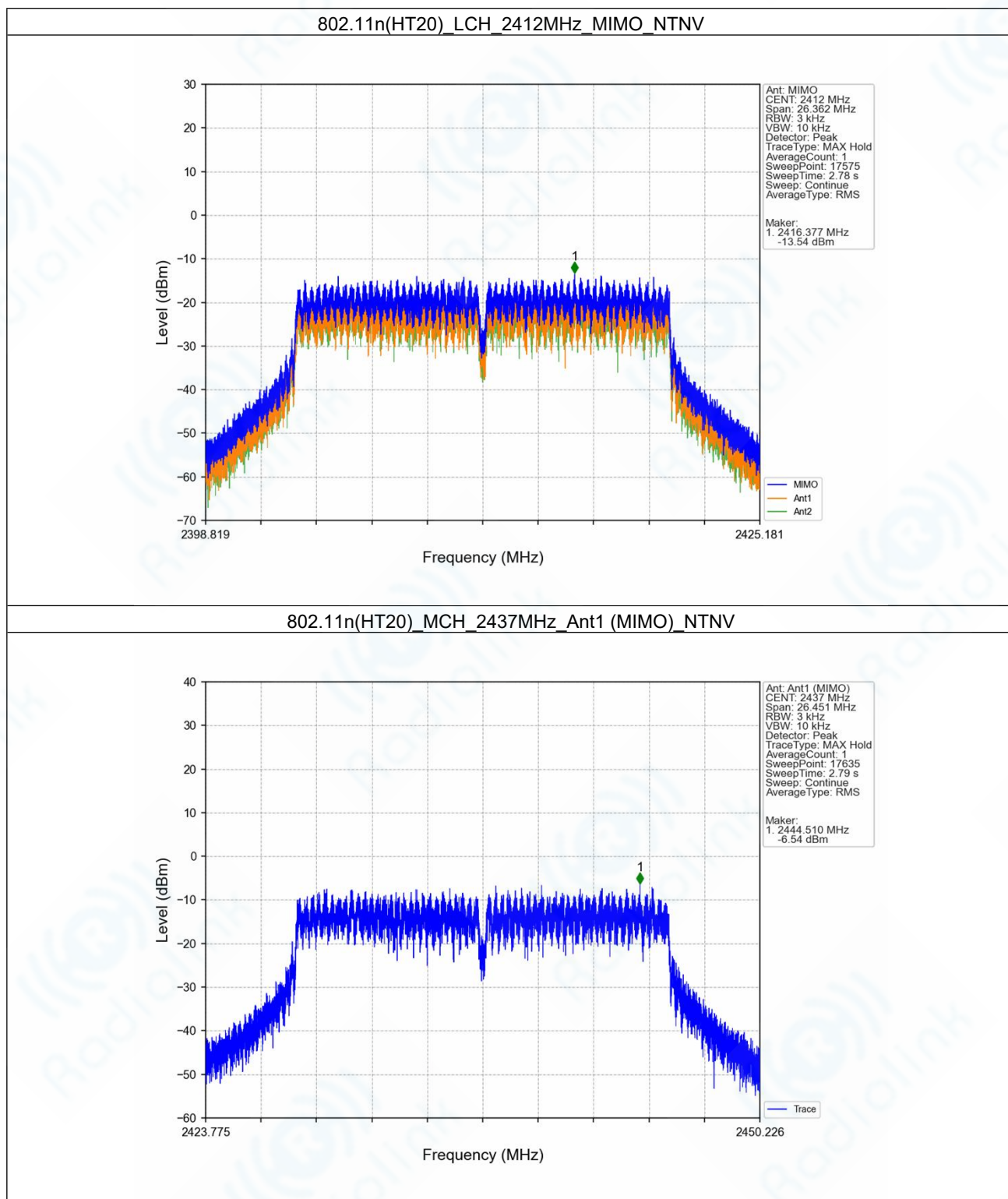
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



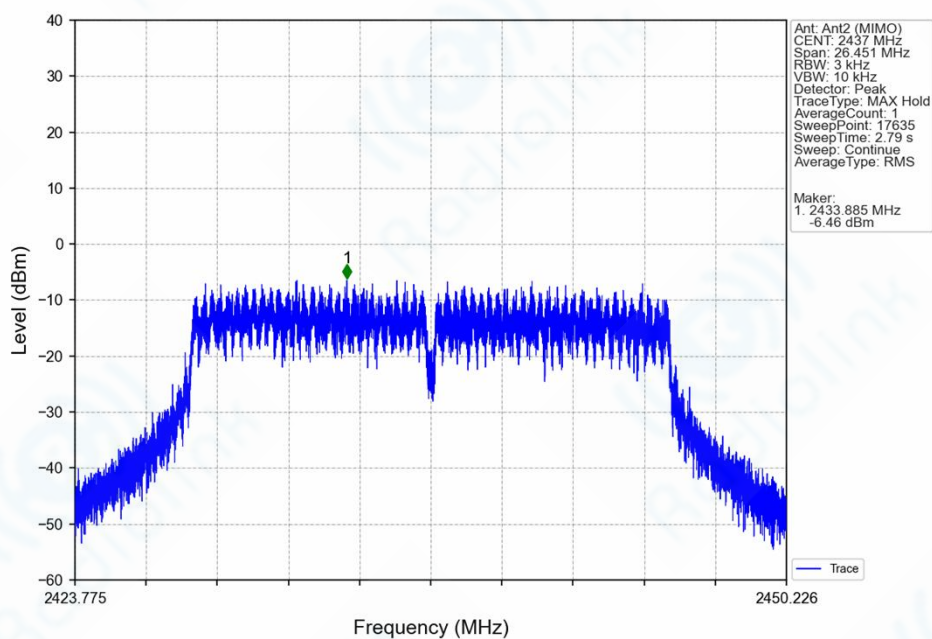
Radiolink Testing (Shenzhen) Co., Ltd.

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

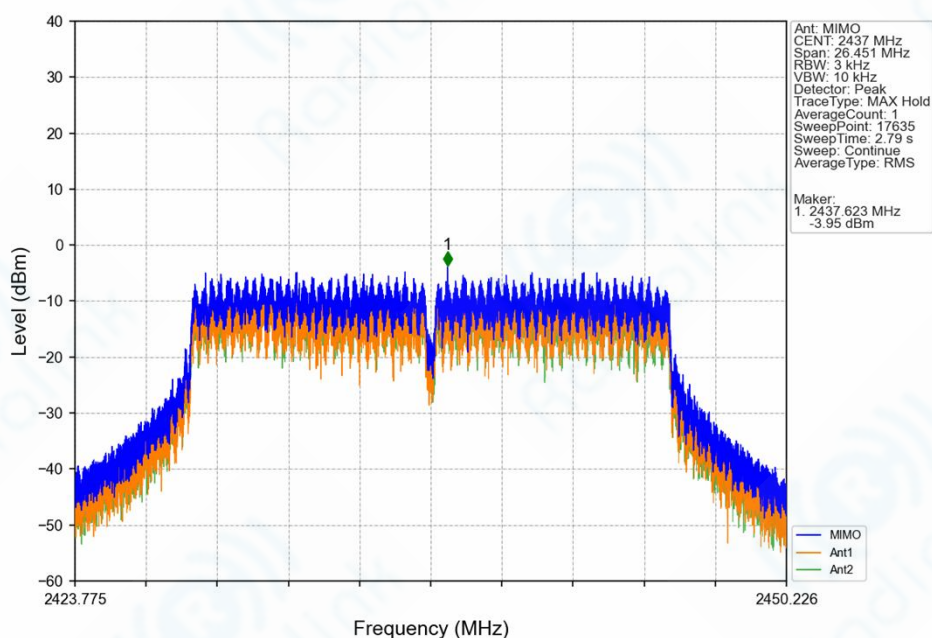
Tel: +86 0755 23080694



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_MIMO_NTNV

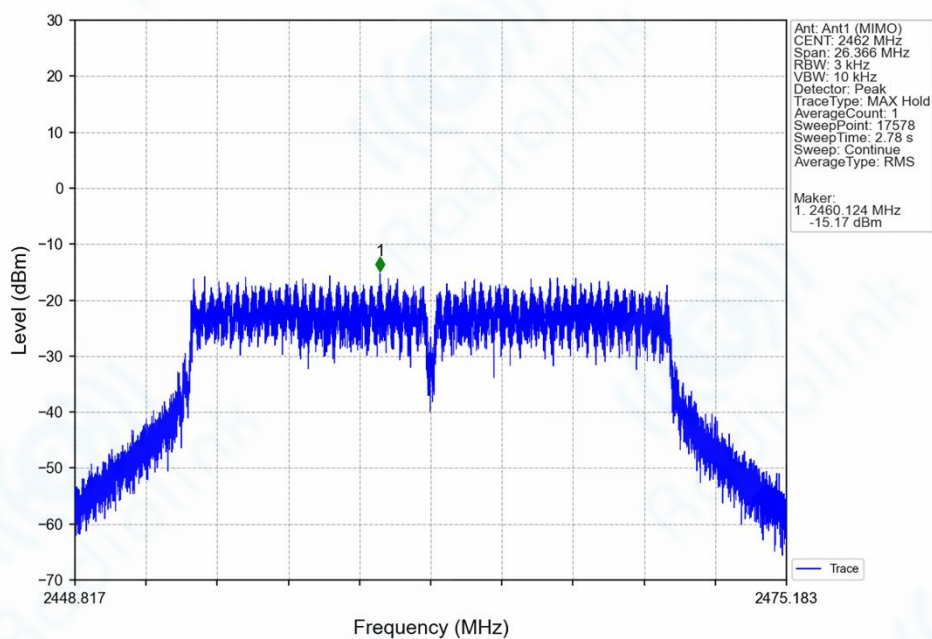


Radiolink Testing (Shenzhen) Co., Ltd.

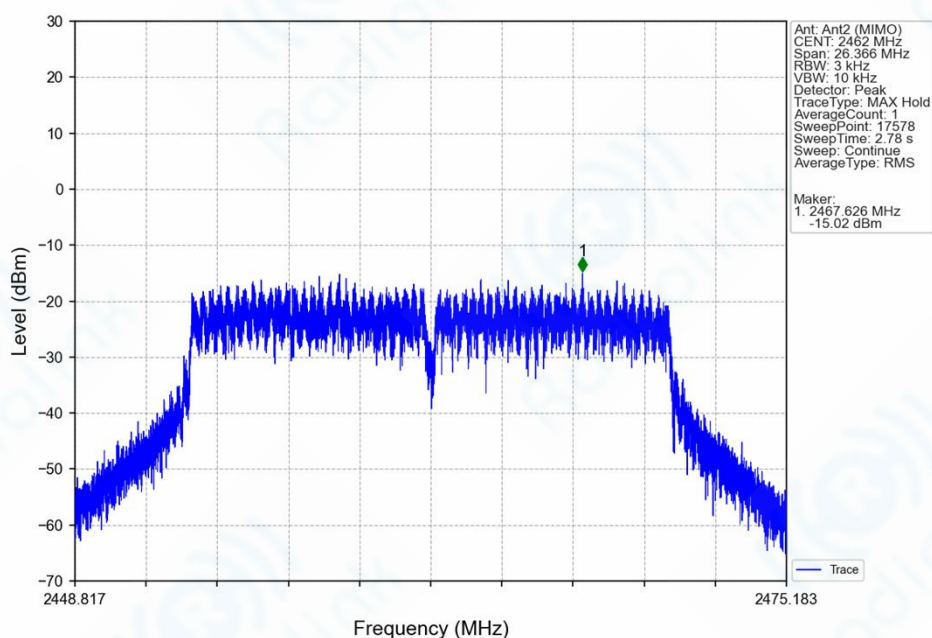
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



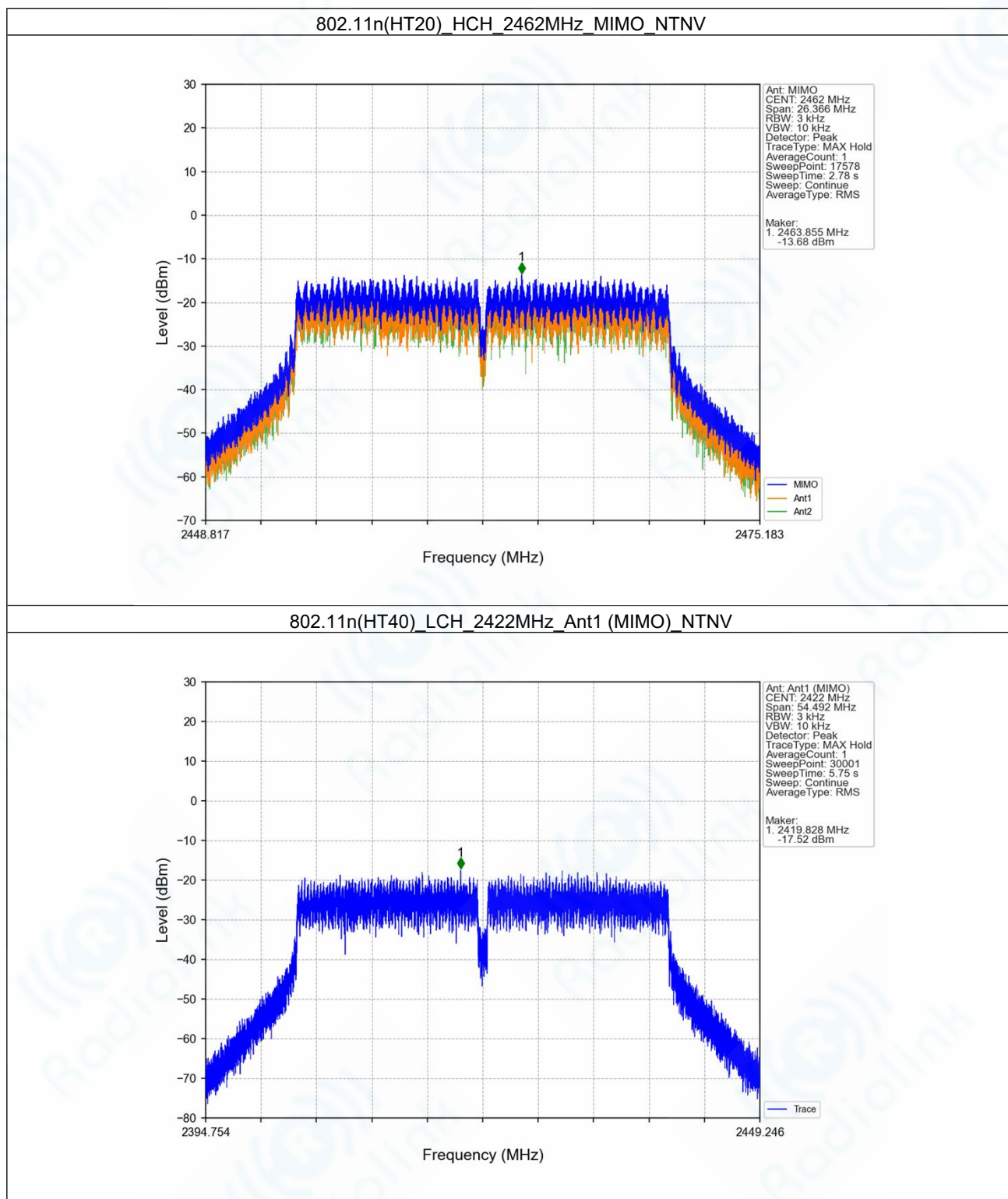
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



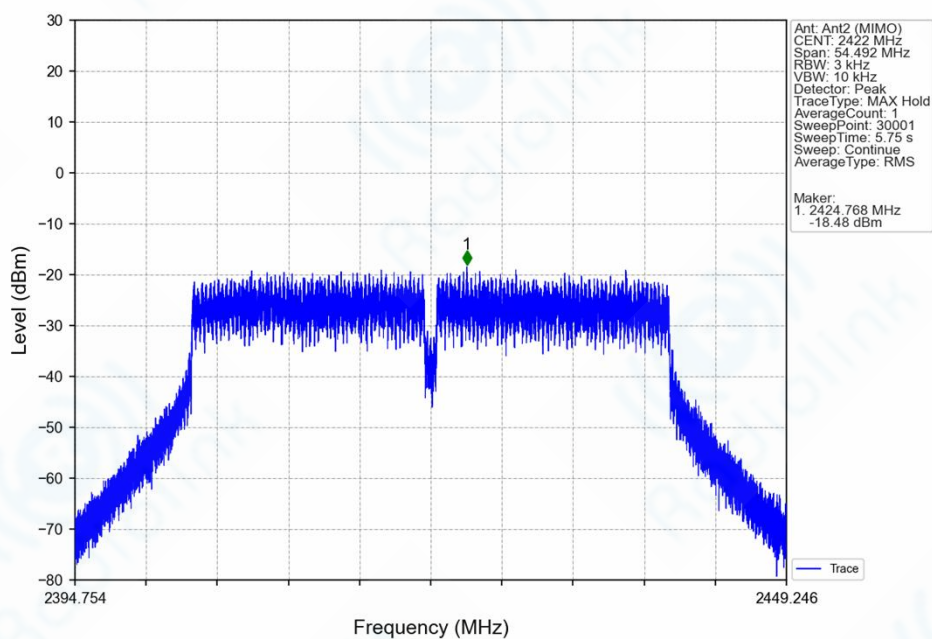
Radiolink Testing (Shenzhen) Co., Ltd.

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

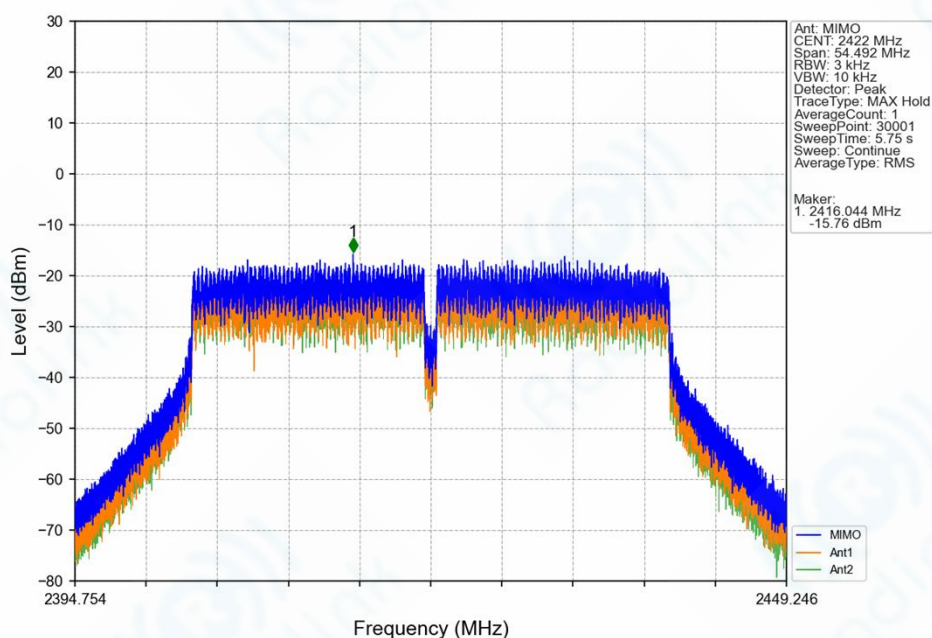
Tel: +86 0755 23080694



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



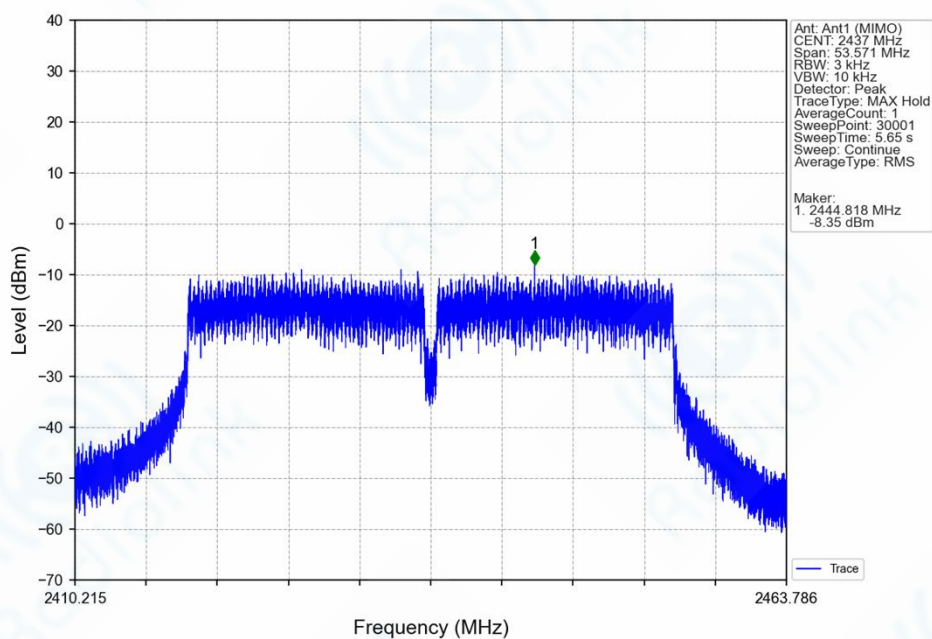
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



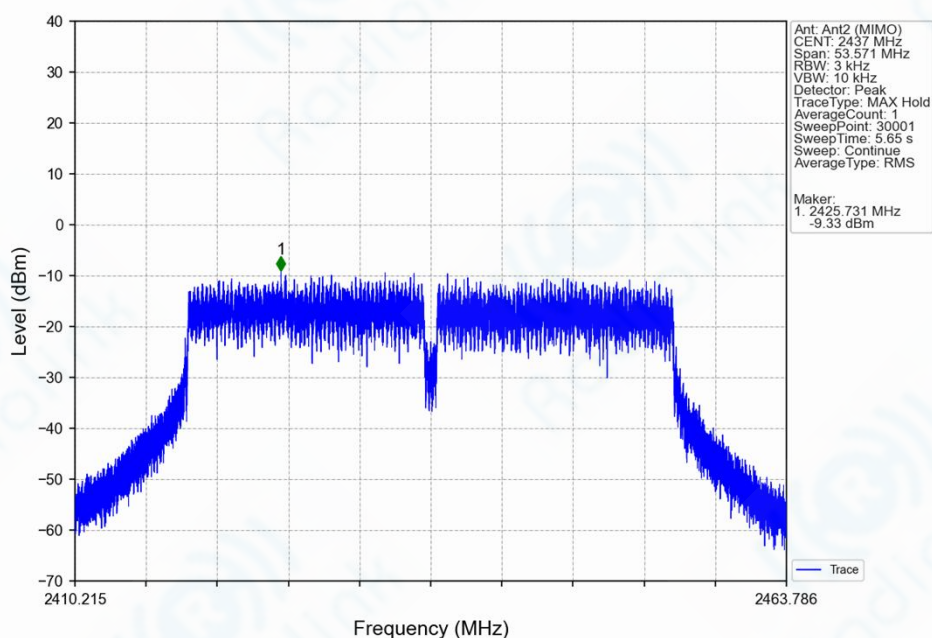
Radiolink Testing (Shenzhen) Co., Ltd.

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

802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



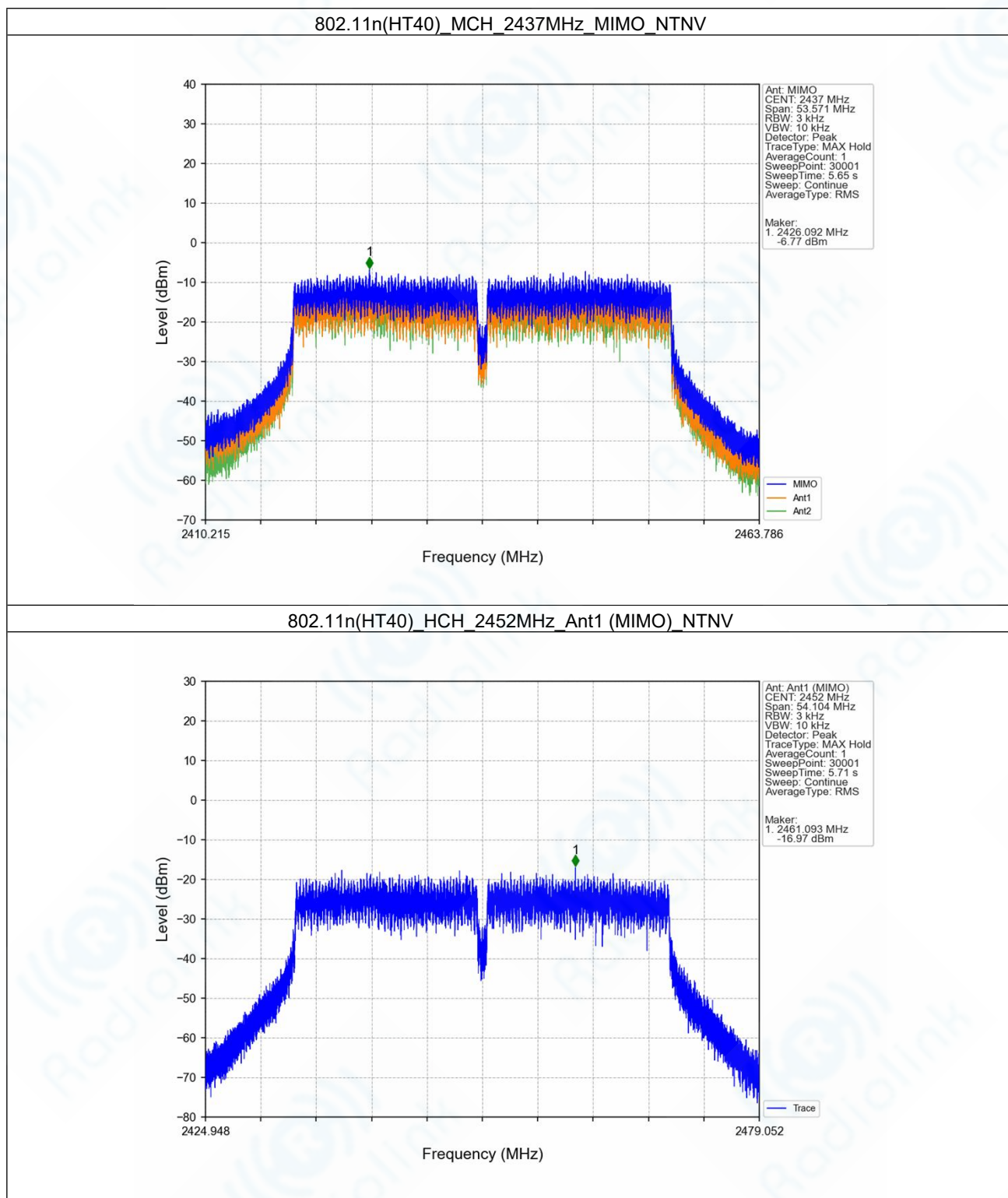
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



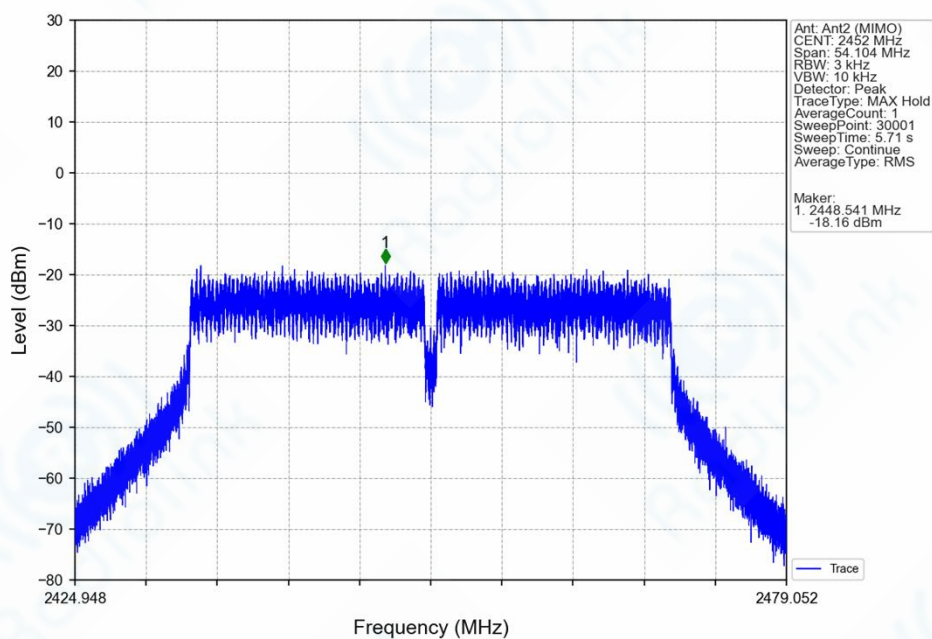
Radiolink Testing (Shenzhen) Co., Ltd.

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

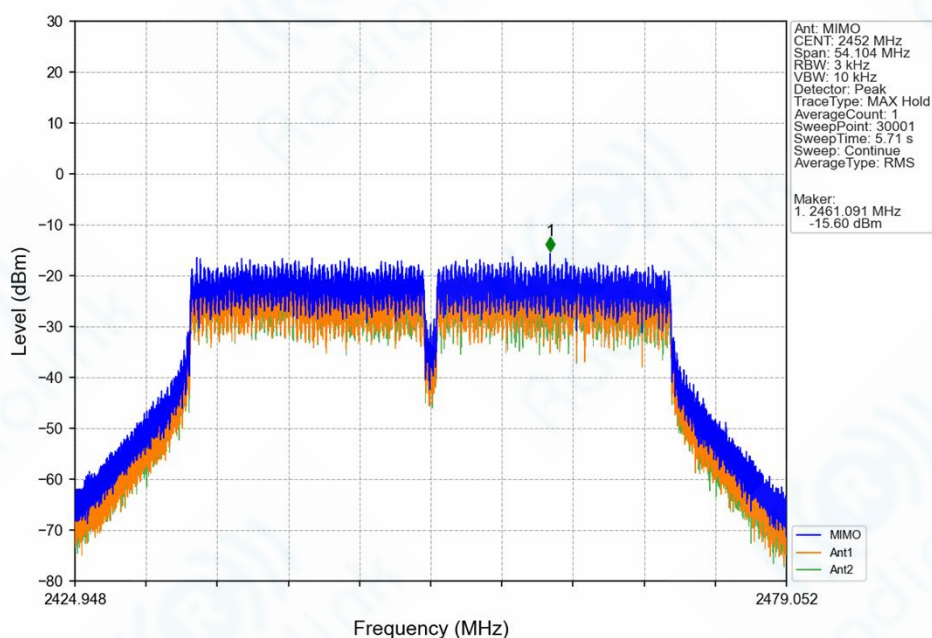
Tel: +86 0755 23080694



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



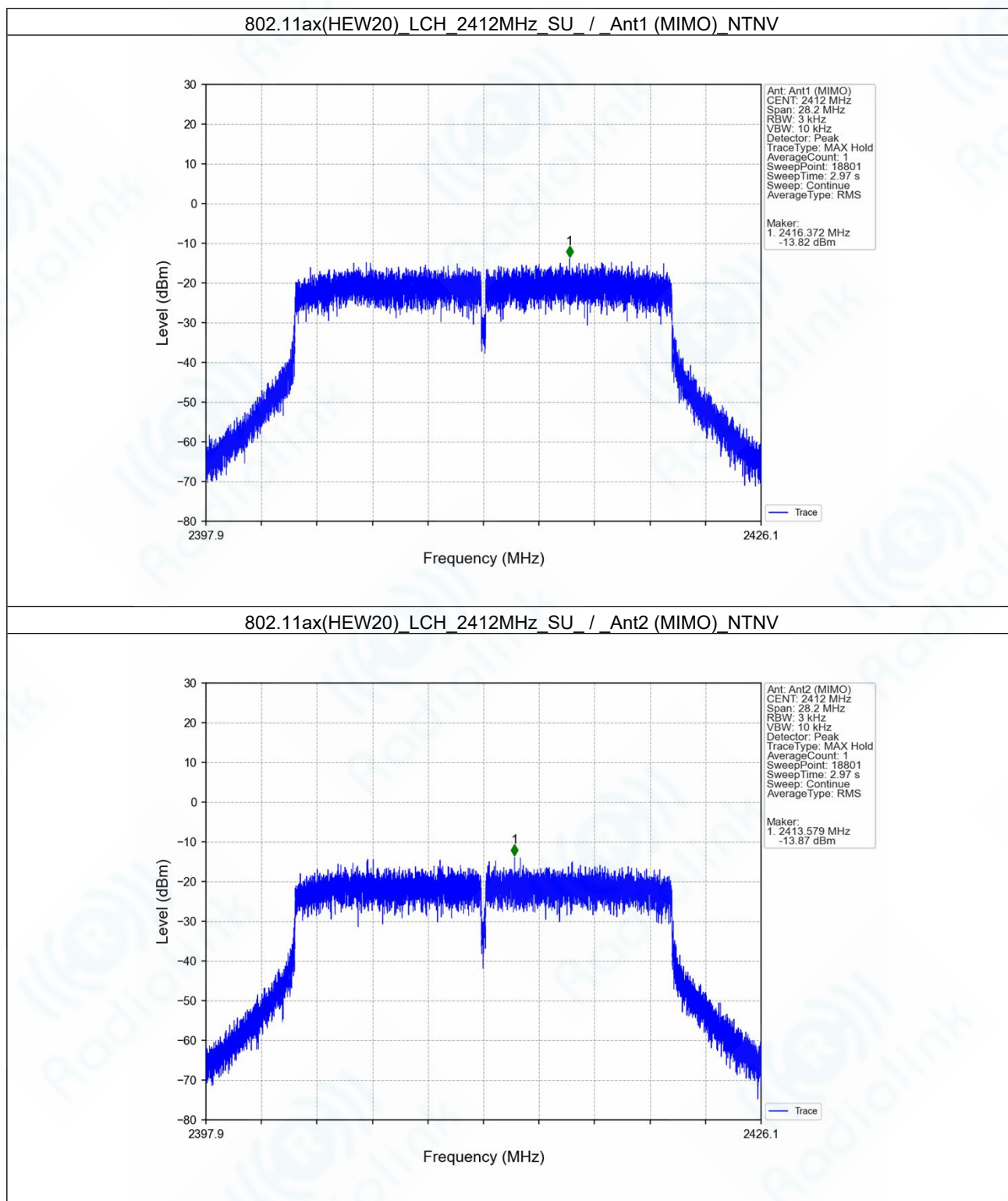
802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



Radiolink Testing (Shenzhen) Co., Ltd.

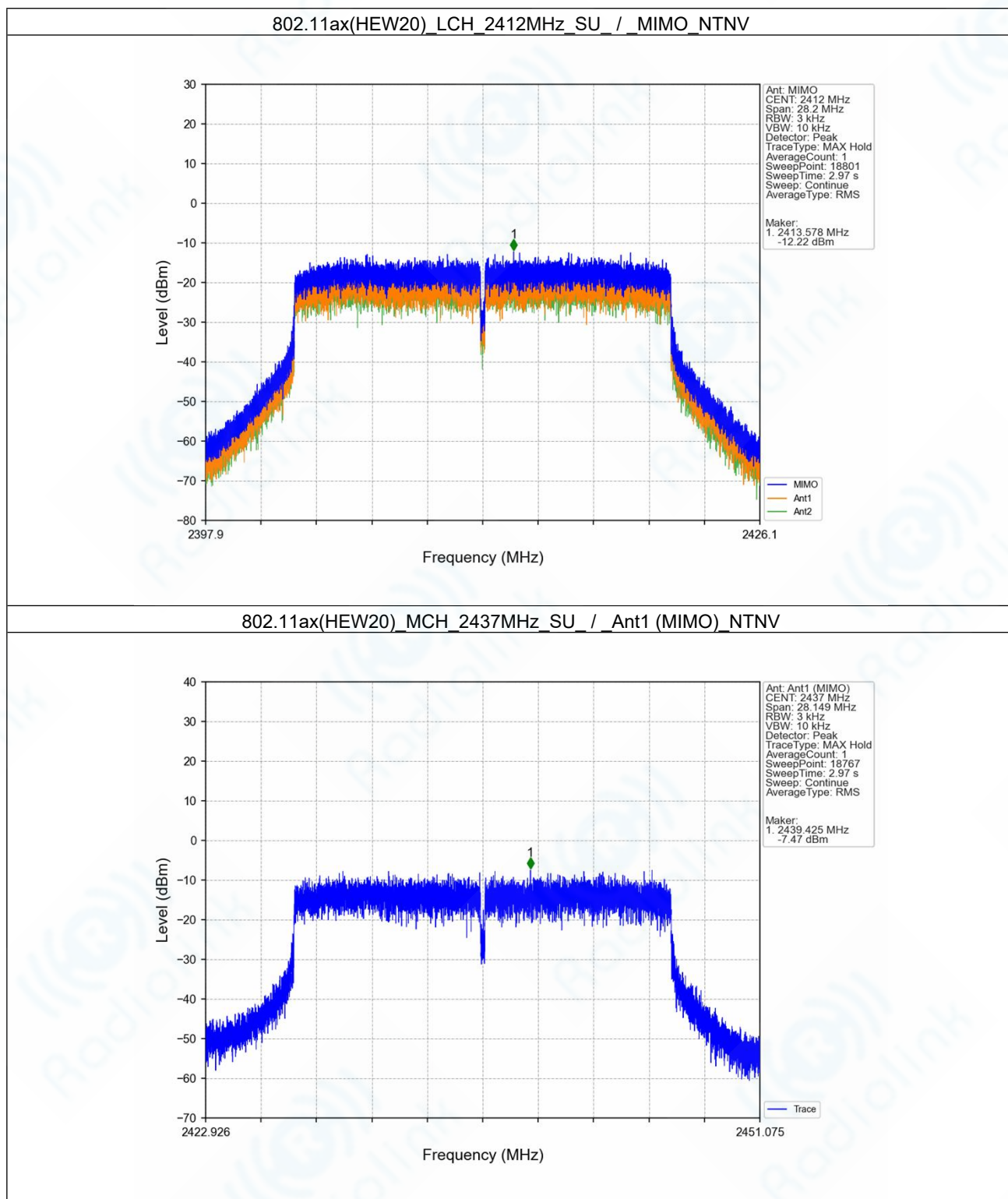
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

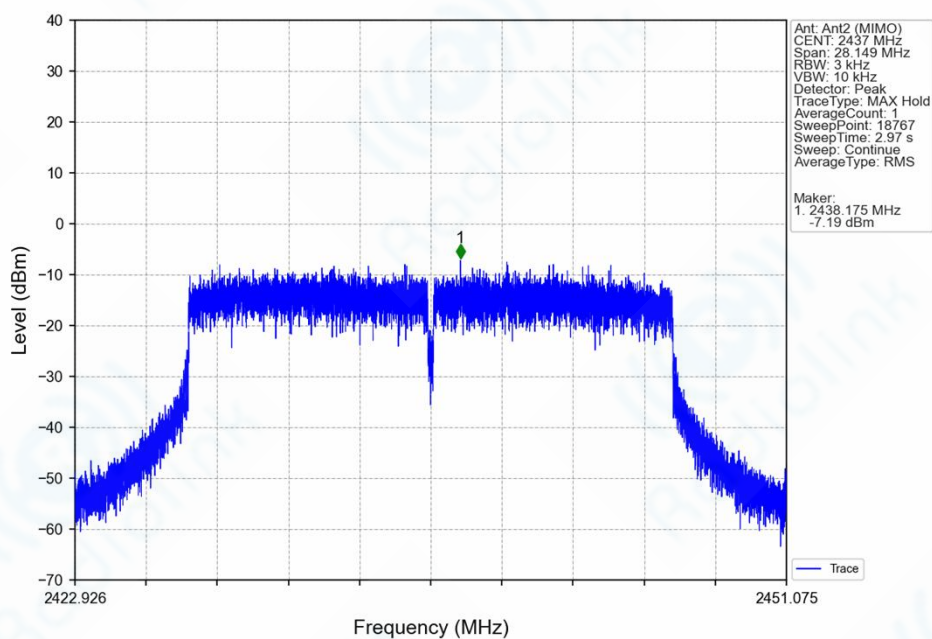


Radiolink Testing (Shenzhen) Co., Ltd.

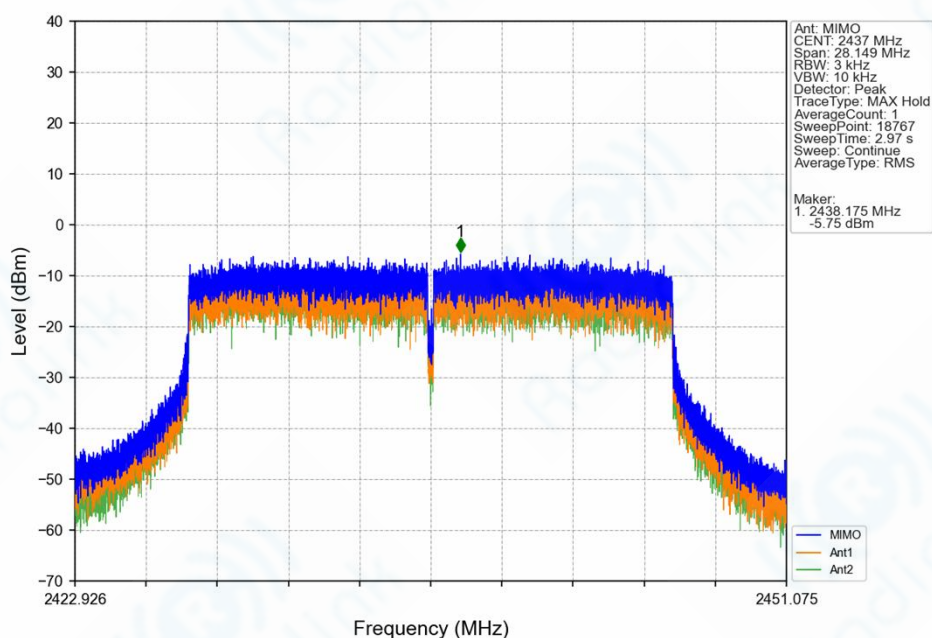
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694



802.11ax(HEW20)_MCH_2437MHz_SU / _Ant2 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU / MIMO_NTNV

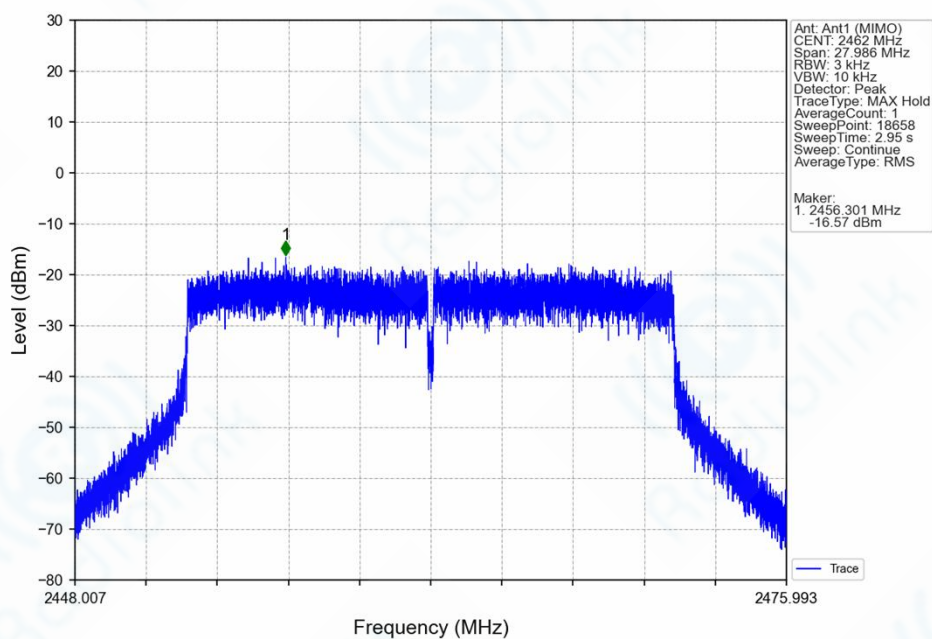


Radiolink Testing (Shenzhen) Co., Ltd.

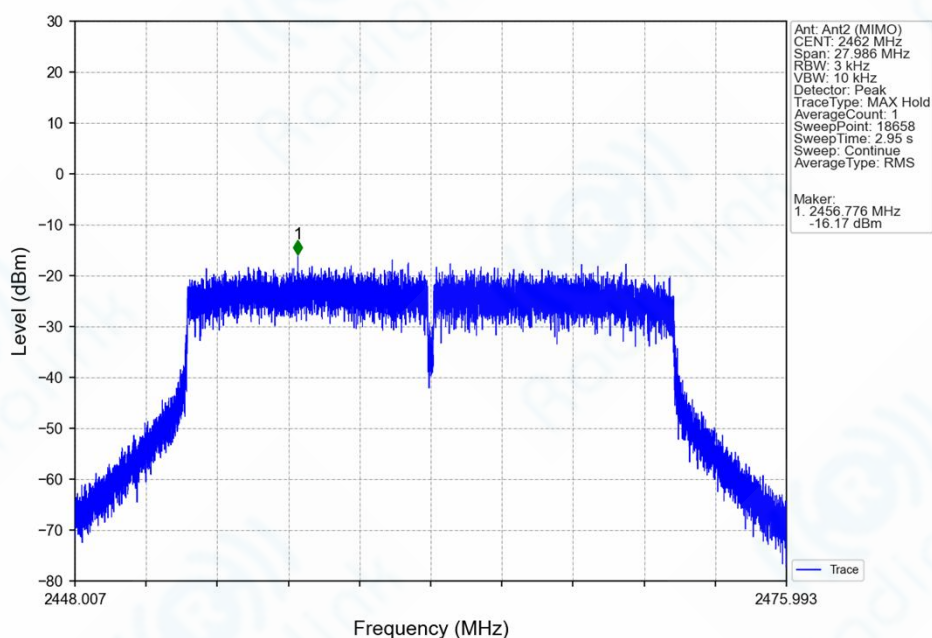
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

802.11ax(HEW20)_HCH_2462MHz_SU / _Ant1 (MIMO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_SU / _Ant2 (MIMO)_NTNV

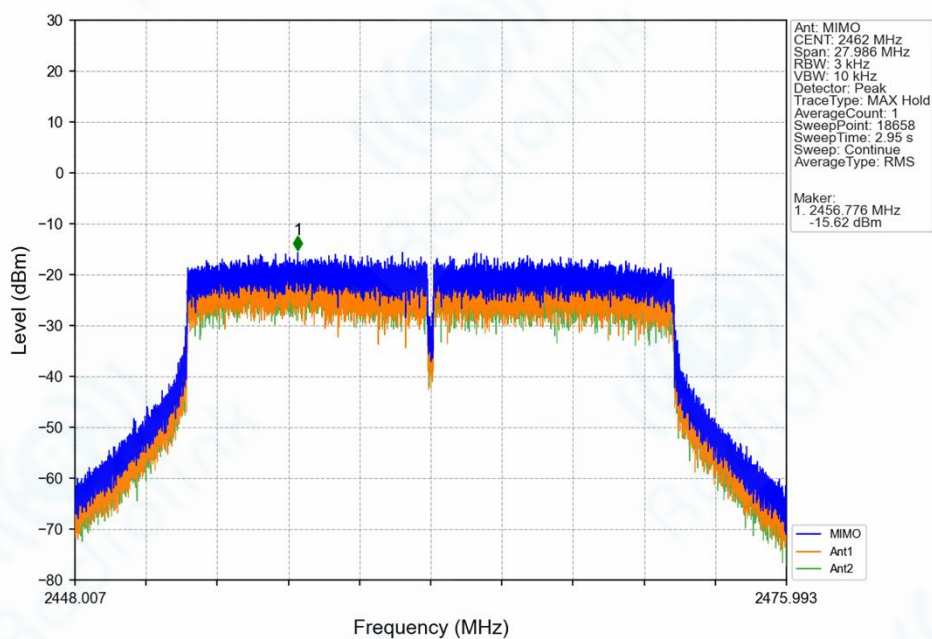


Radiolink Testing (Shenzhen) Co., Ltd.

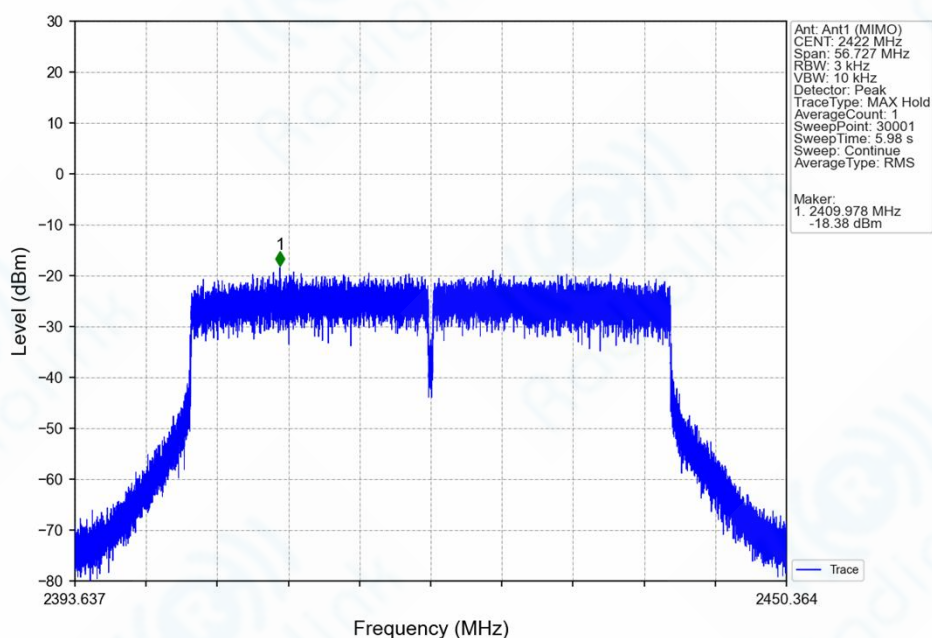
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

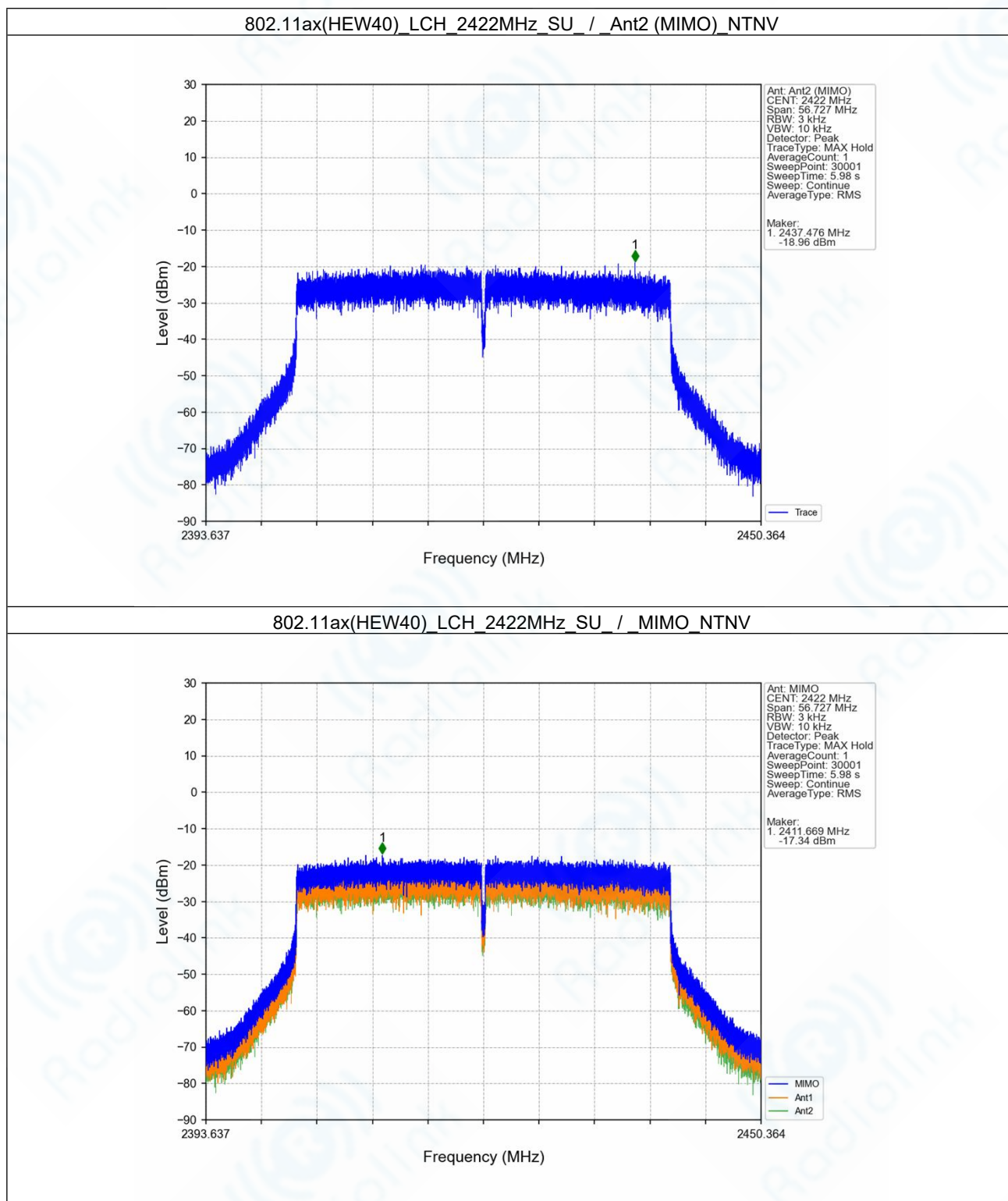
Tel: +86 0755 23080694

802.11ax(HEW20)_HCH_2462MHz_SU / _MIMO_NTNV



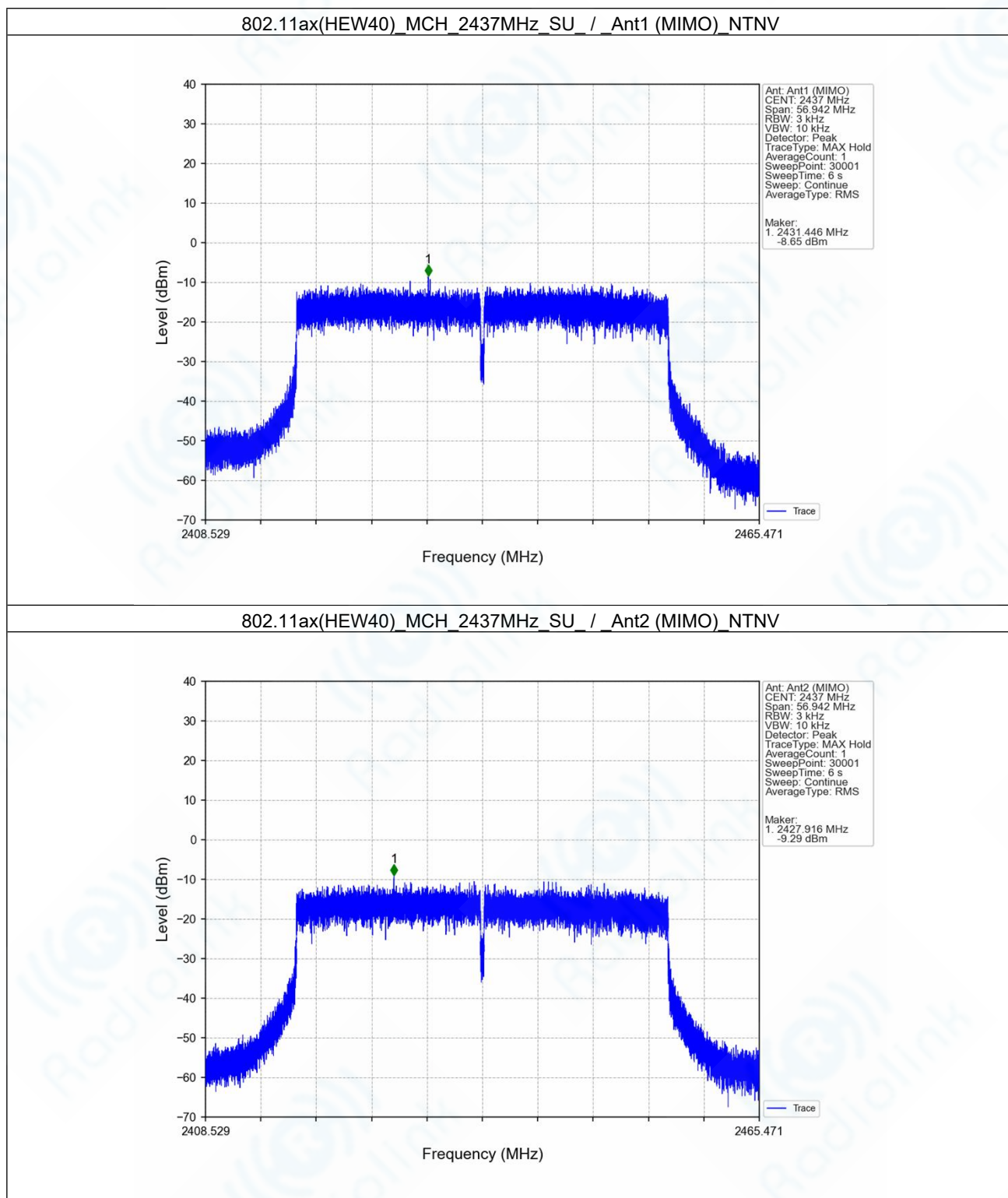
802.11ax(HEW40)_LCH_2422MHz_SU / _Ant1 (MIMO)_NTNV



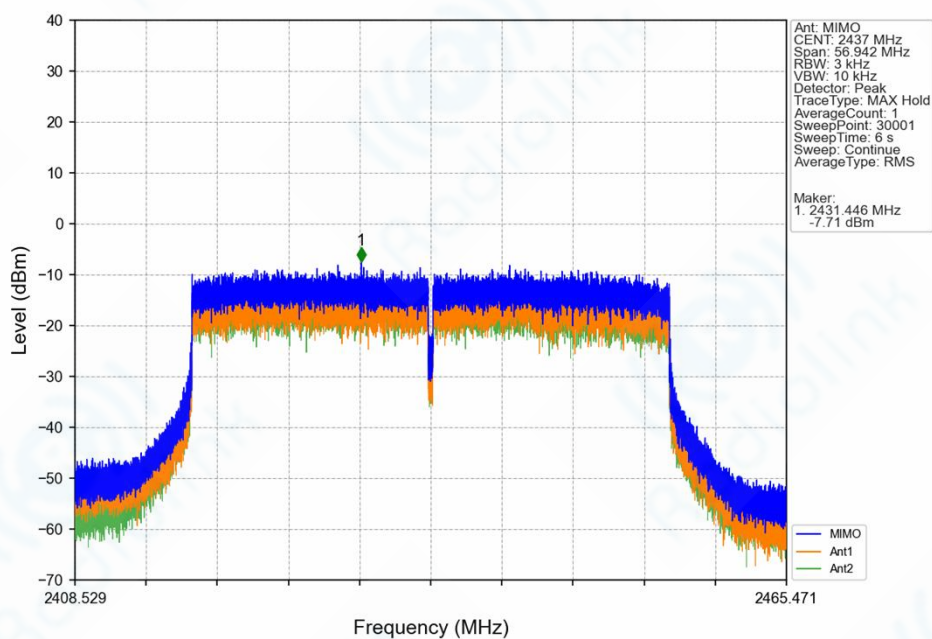


Radiolink Testing (Shenzhen) Co., Ltd.

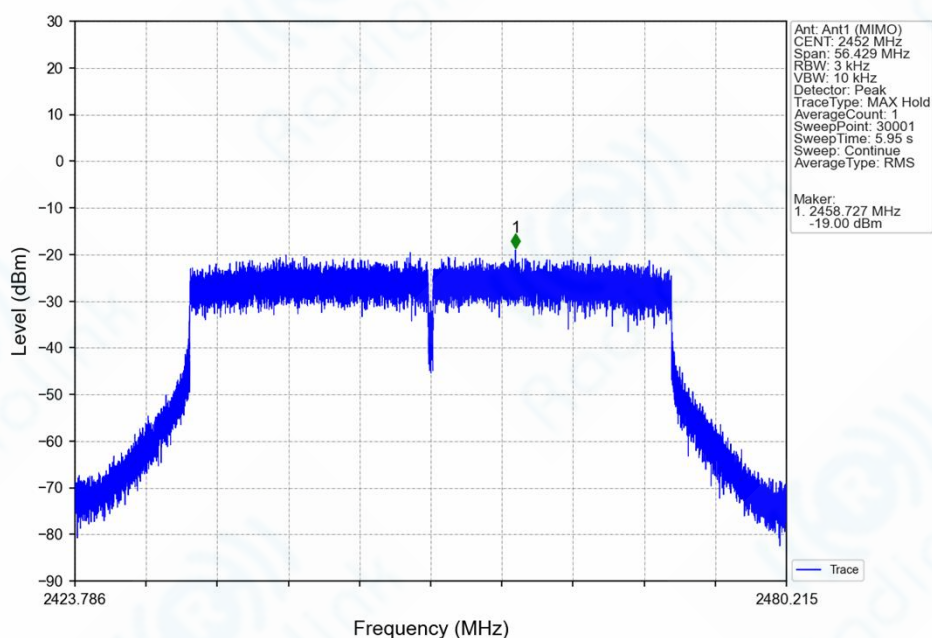
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694



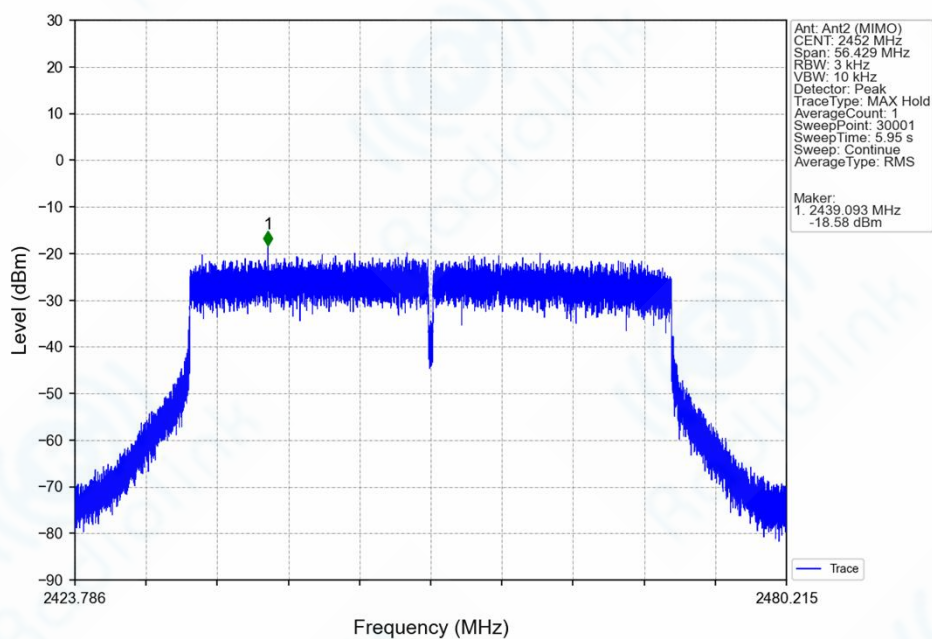
802.11ax(HEW40)_MCH_2437MHz_SU_/_MIMO_NTNV



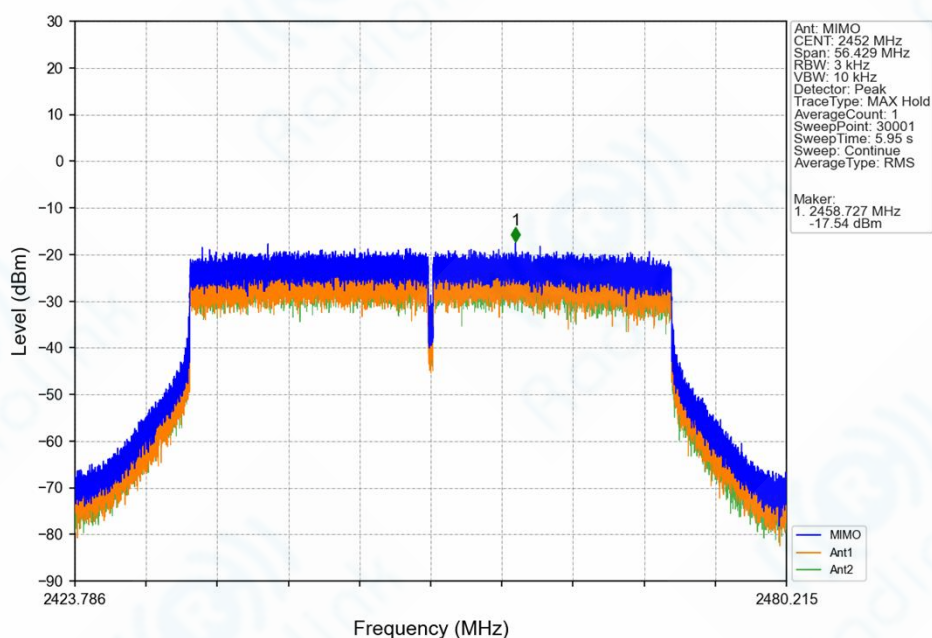
802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_MIMO_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

5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	11.63
					2	11.47
		2437	/	/	1	11.50
					2	10.14
		2462	/	/	1	10.89
					2	12.07
802.11g	SISO	2412	/	/	1	1.06
					2	0.54
		2437	/	/	1	7.78
					2	7.40
		2462	/	/	1	-1.15
					2	0.86
802.11n (HT20)	MIMO	2412	/	/	1	-1.20
					2	-2.43
		2437	/	/	1	7.75
					2	8.49
		2462	/	/	1	-1.63
					2	-2.24
802.11n (HT40)	MIMO	2422	/	/	1	-4.37
					2	-4.91
		2437	/	/	1	4.94
					2	5.22
		2452	/	/	1	-4.32
					2	-4.55
802.11ax (HEW20)	MIMO	2412	SU	/	1	-0.31
					2	-0.99
		2437	SU	/	1	7.58
					2	7.99
		2462	SU	/	1	-0.15
					2	-3.73
802.11ax (HEW40)	MIMO	2422	SU	/	1	-4.80
					2	-5.41
		2437	SU	/	1	5.58
					2	5.32
		2452	SU	/	1	-5.97
					2	-6.30

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
------	---------	-----------------	----	--------	-----	--------------------------	-------------	---------

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

802.11b	SISO	2412	/	/	1	11.63	-18.37	Pass
					2	11.47	-18.53	Pass
		2437	/	/	1	11.50	-18.5	Pass
					2	10.14	-19.86	Pass
		2462	/	/	1	10.89	-19.11	Pass
					2	12.07	-17.93	Pass
802.11g	SISO	2412	/	/	1	1.06	-28.94	Pass
					2	0.54	-29.46	Pass
		2437	/	/	1	7.78	-22.22	Pass
					2	7.40	-22.6	Pass
		2462	/	/	1	-1.15	-31.15	Pass
					2	0.86	-29.14	Pass
802.11n (HT20)	MIMO	2412	/	/	1	-1.20	-31.2	Pass
					2	-2.43	-32.43	Pass
		2437	/	/	1	7.75	-22.25	Pass
					2	8.49	-21.51	Pass
		2462	/	/	1	-1.63	-31.63	Pass
					2	-2.24	-32.24	Pass
802.11n (HT40)	MIMO	2422	/	/	1	-4.37	-34.37	Pass
					2	-4.91	-34.91	Pass
		2437	/	/	1	4.94	-25.06	Pass
					2	5.22	-24.78	Pass
		2452	/	/	1	-4.32	-34.32	Pass
					2	-4.55	-34.55	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	1	-0.31	-30.31	Pass
					2	-0.99	-30.99	Pass
		2437	SU	/	1	7.58	-22.42	Pass
					2	7.99	-22.01	Pass
		2462	SU	/	1	-0.15	-30.15	Pass
					2	-3.73	-33.73	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	1	-4.80	-34.8	Pass
					2	-5.41	-35.41	Pass
		2437	SU	/	1	5.58	-24.42	Pass
					2	5.32	-24.68	Pass
		2452	SU	/	1	-5.97	-35.97	Pass
					2	-6.30	-36.3	Pass



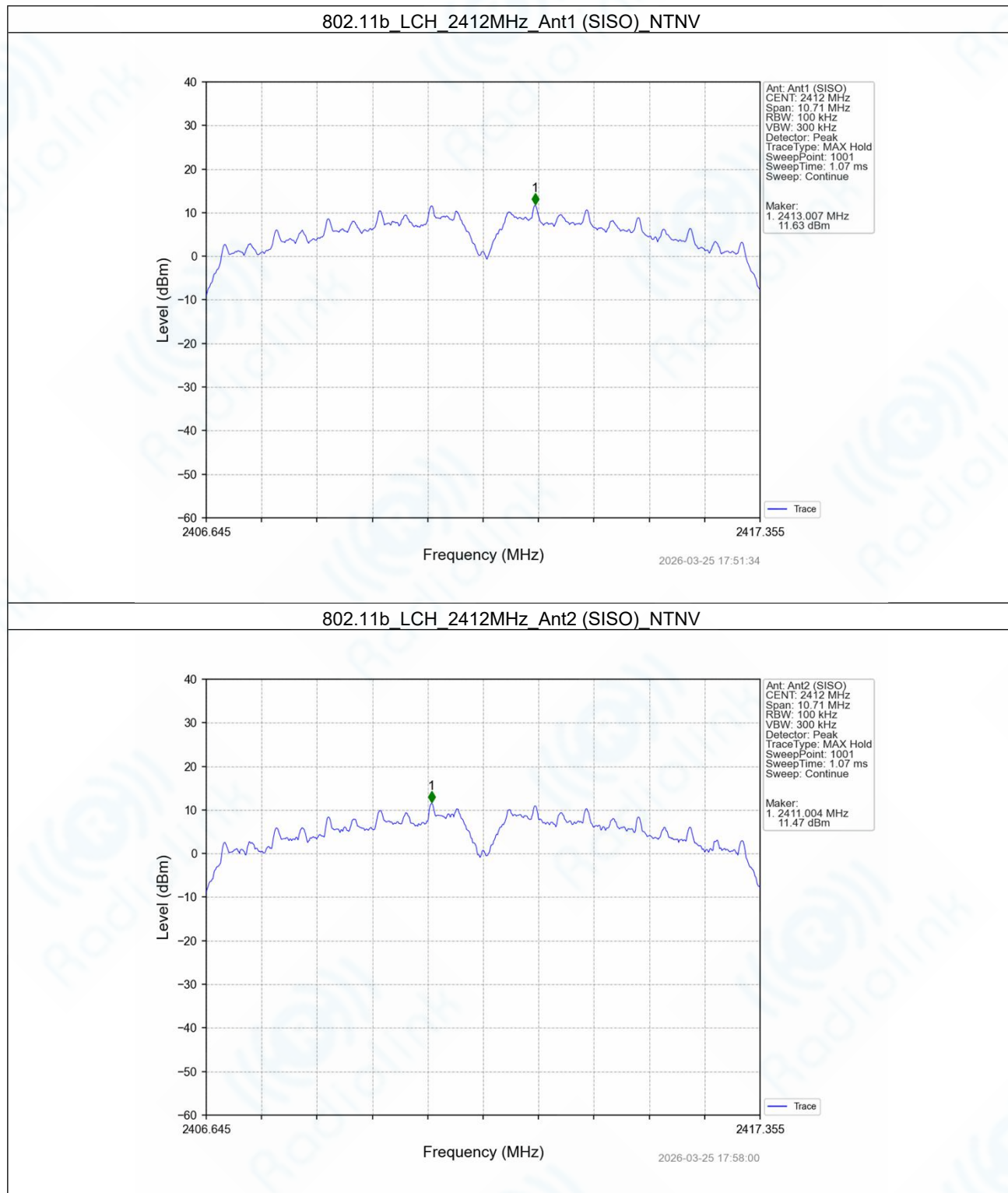
Radiolink Testing (Shenzhen) Co., Ltd.

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

5.2 Test Graph

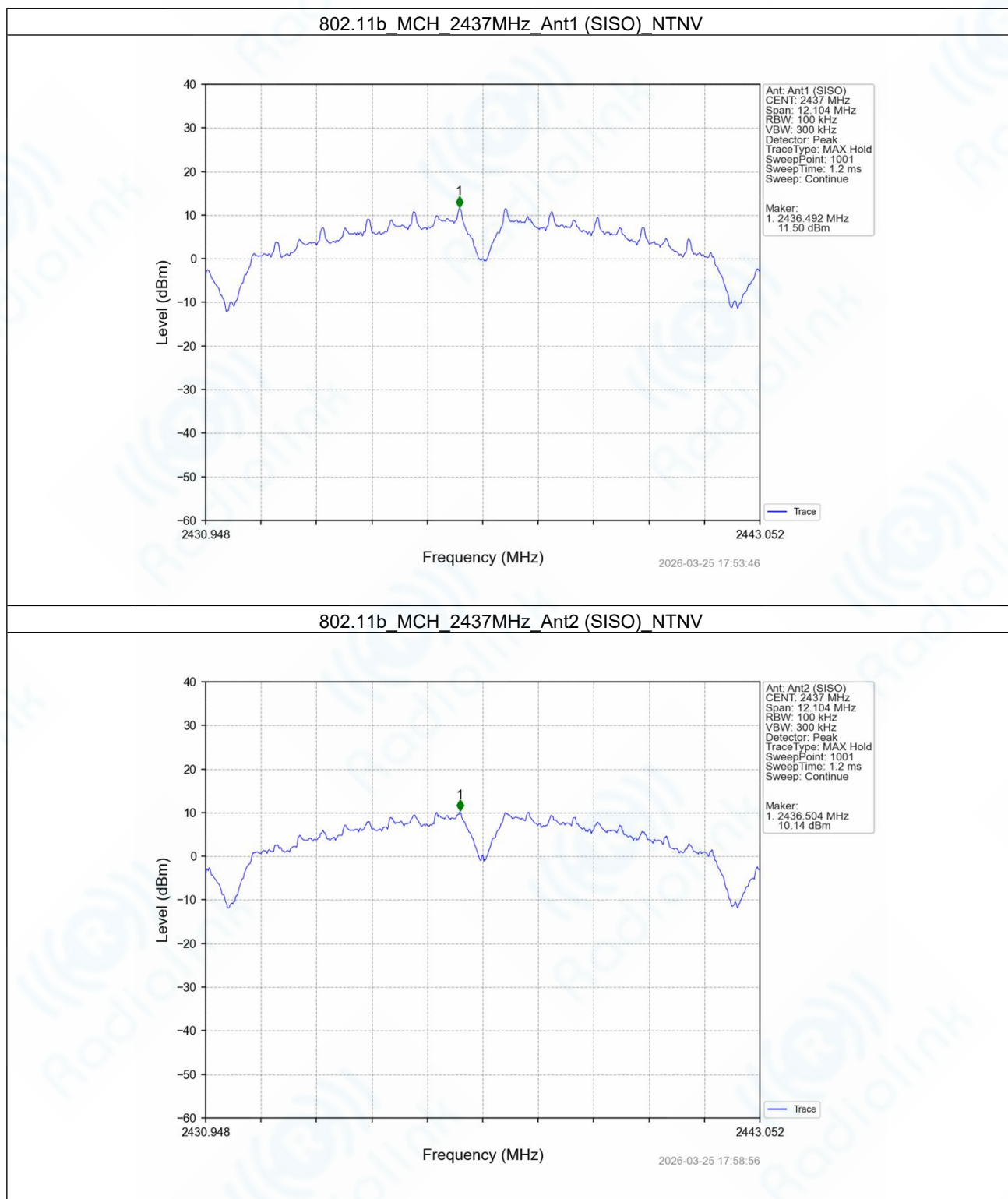
5.2.1 Ref



Radiolink Testing (Shenzhen) Co., Ltd.

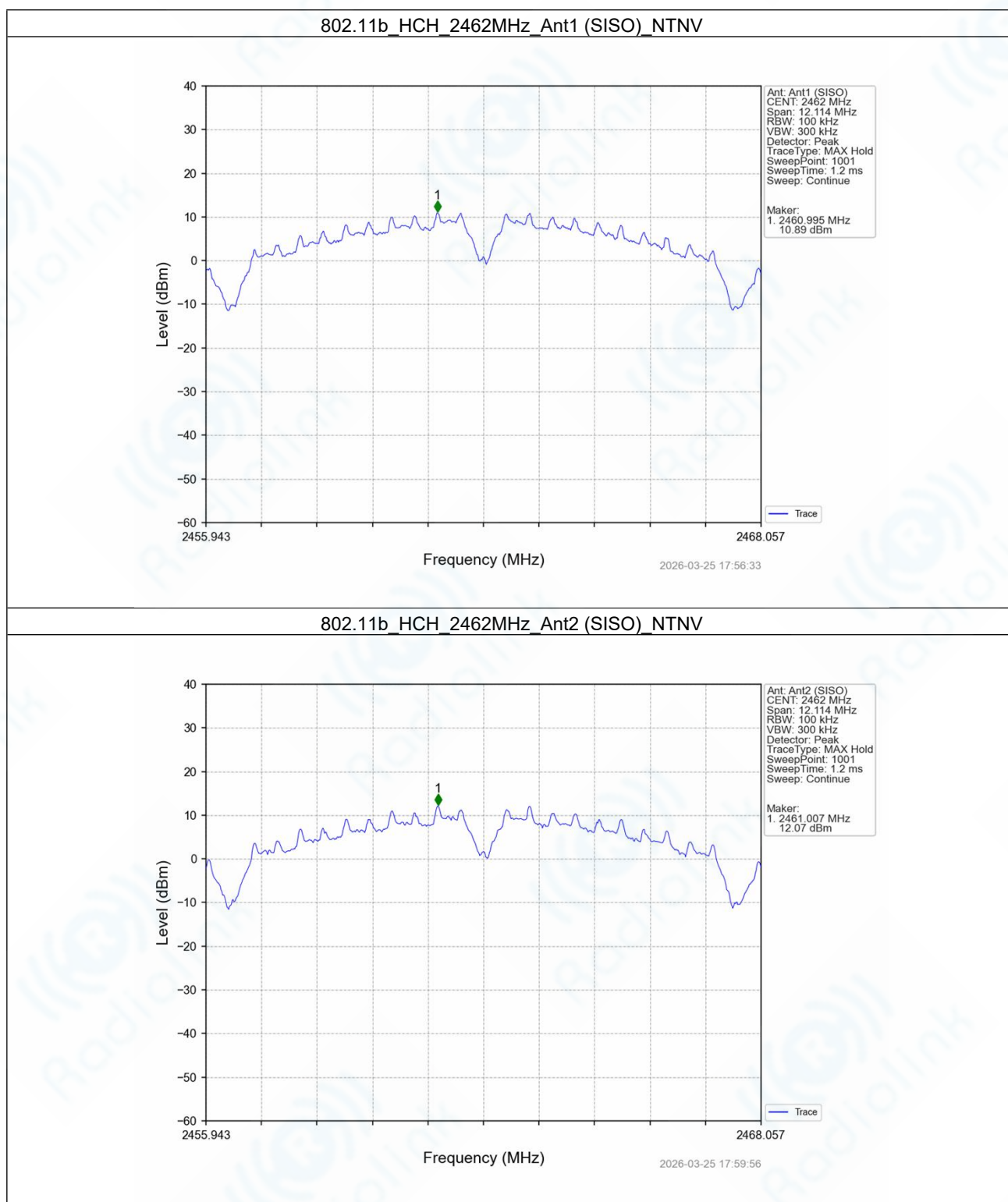
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

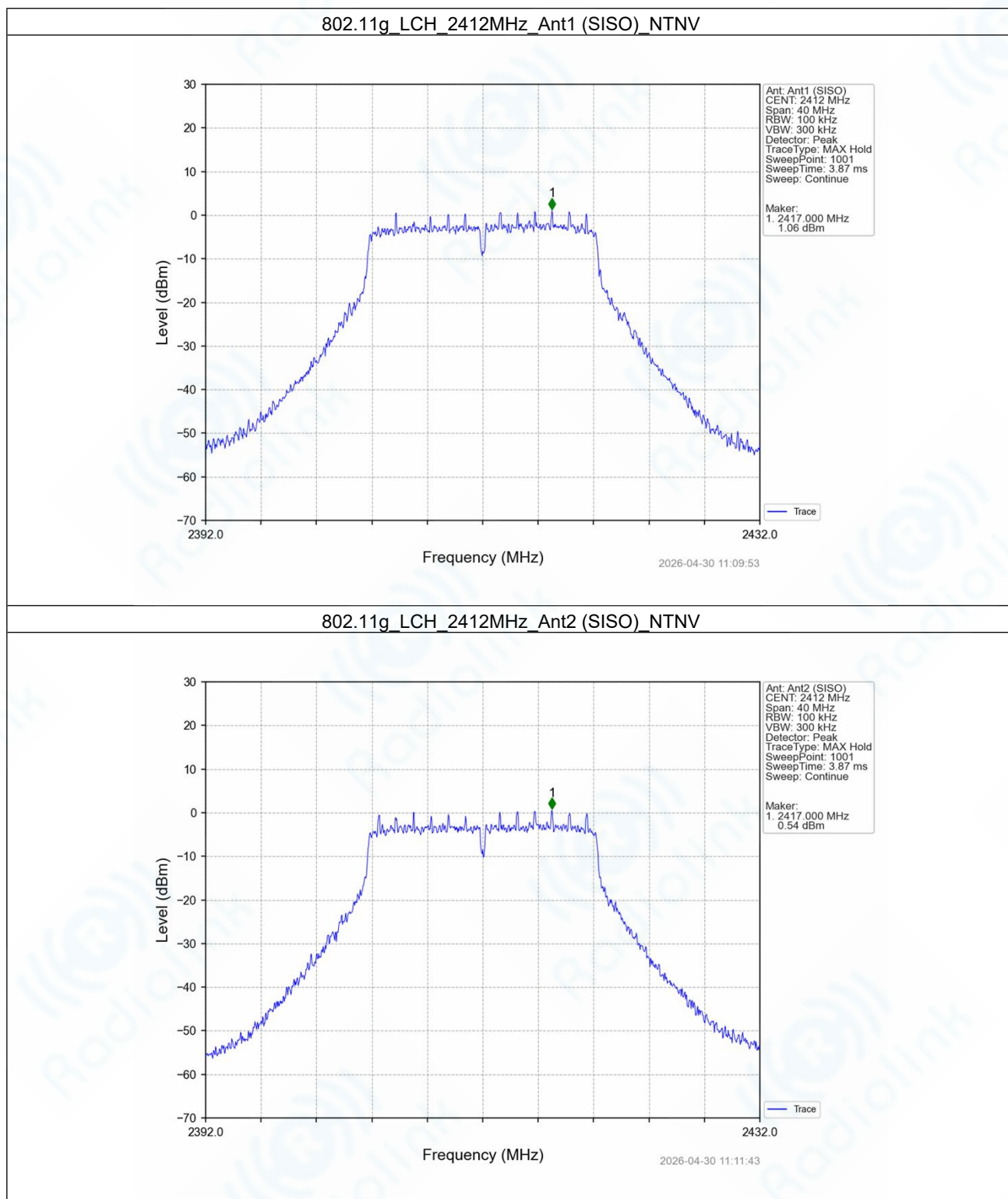
Tel: +86 0755 23080694



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





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