

Appendix Test Data

Report No.:	18220WC10109304	Test Date:	2021.7.9
Test Engineer:	<i>Jonny He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.3%
Pressure:	1012 hPa		

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5500	1.40	1.43	97.28	0.12	0.03
		5580	1.39	1.43	97.21	0.12	0.00
		5700	1.39	1.43	97.21	0.12	0.00
802.11n (HT20)	MIMO	5500	1.31	1.35	97.10	0.13	0.03
		5580	1.31	1.35	97.10	0.13	0.00
		5700	1.31	1.35	96.96	0.13	0.03
802.11n (HT40)	MIMO	5510	0.65	0.69	94.32	0.25	0.03
		5550	0.65	0.69	94.32	0.25	0.00
		5670	0.65	0.69	94.32	0.25	0.03
802.11ac (VHT20)	MIMO	5500	1.31	1.35	97.05	0.13	0.03
		5580	1.32	1.35	97.12	0.13	0.03
		5700	1.31	1.35	97.05	0.13	0.03
802.11ac (VHT40)	MIMO	5510	0.66	0.70	94.54	0.24	0.03
		5550	0.66	0.70	94.11	0.26	0.07
		5670	0.66	0.69	94.39	0.25	0.03
802.11ac (VHT80)	MIMO	5530	64.52	64.86	99.48	0.02	0.00

Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

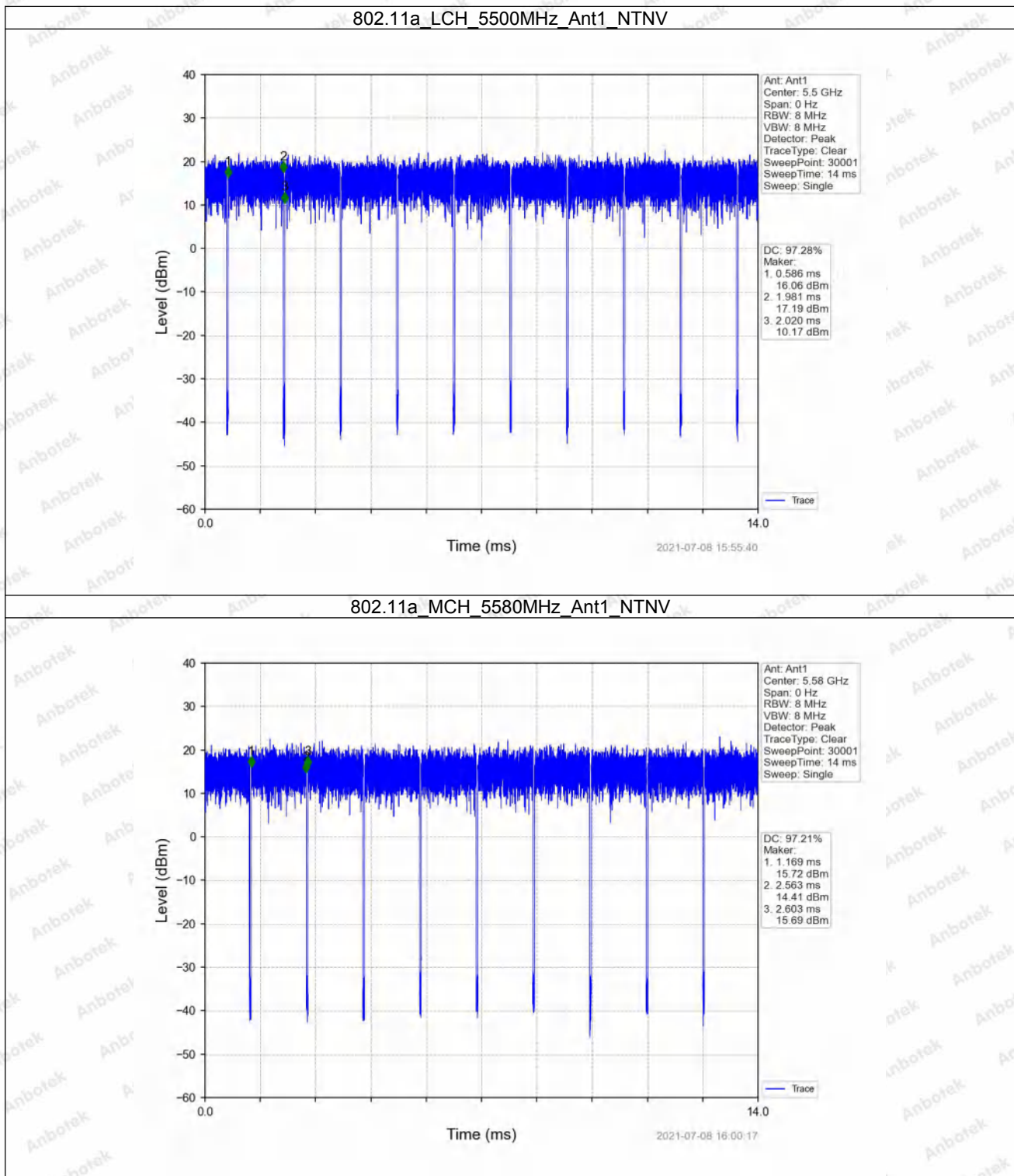


Hotline

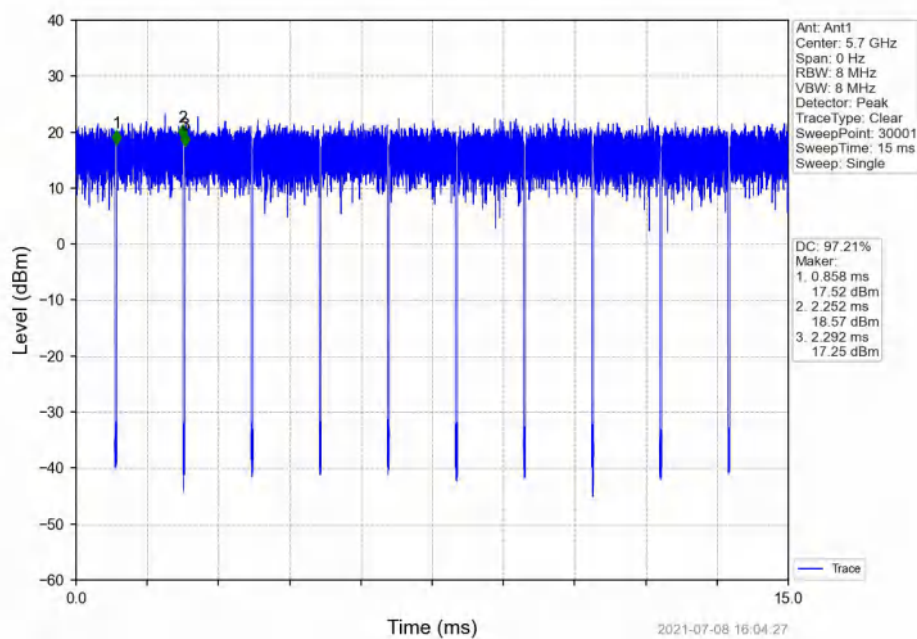
400-003-0500

www.anbotech.com

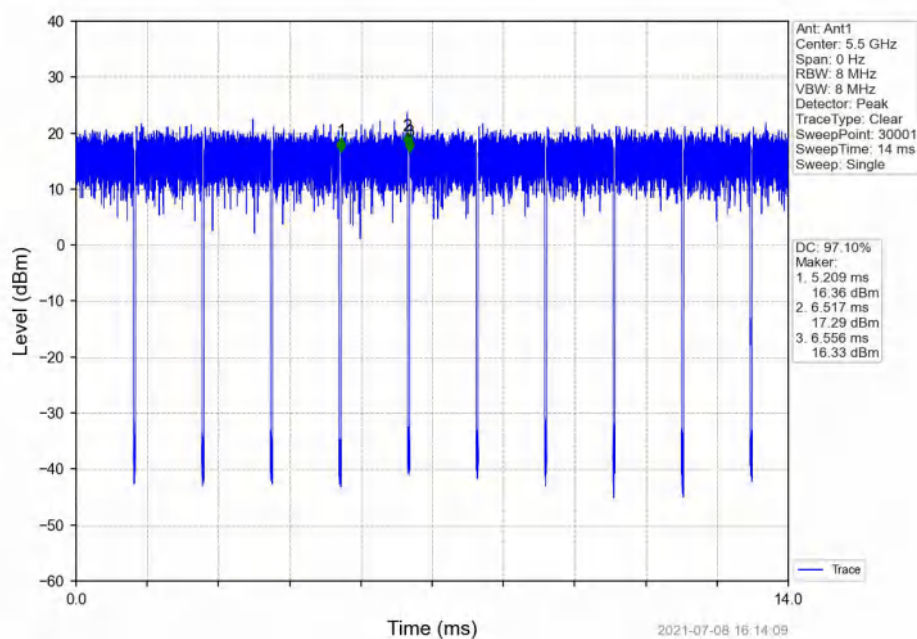
1.1.2 Test Graph



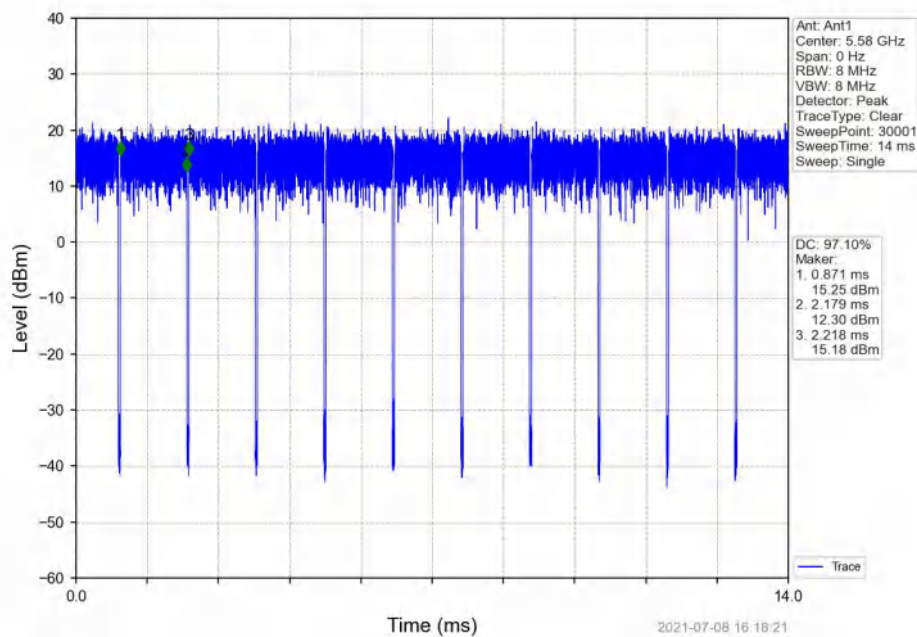
802.11a_HCH_5700MHz_Ant1_NTNV



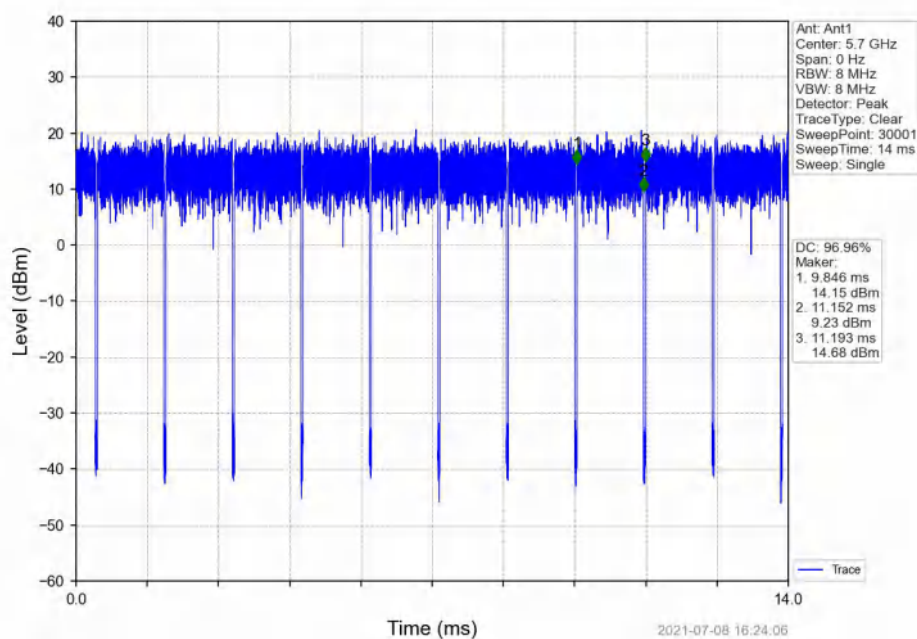
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



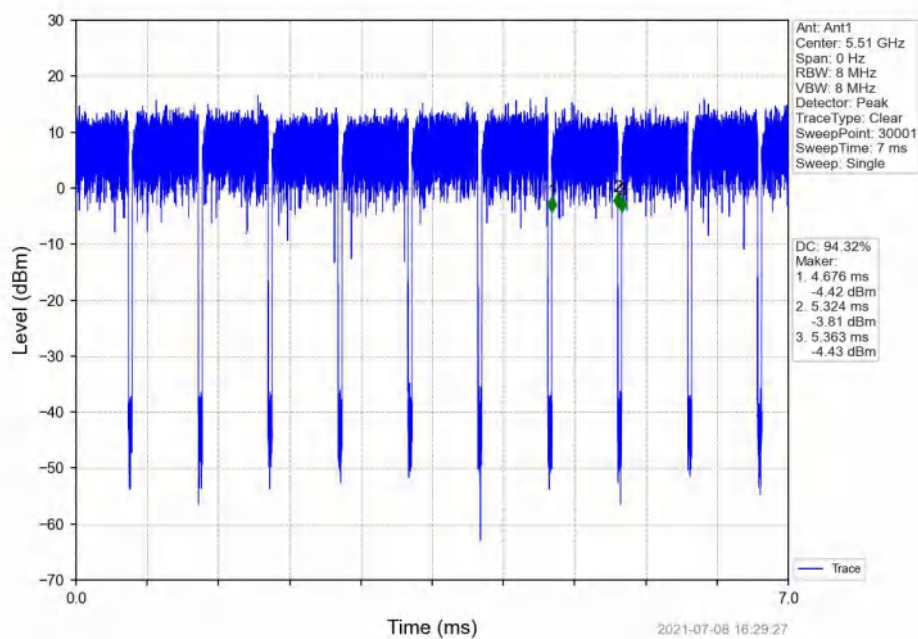
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



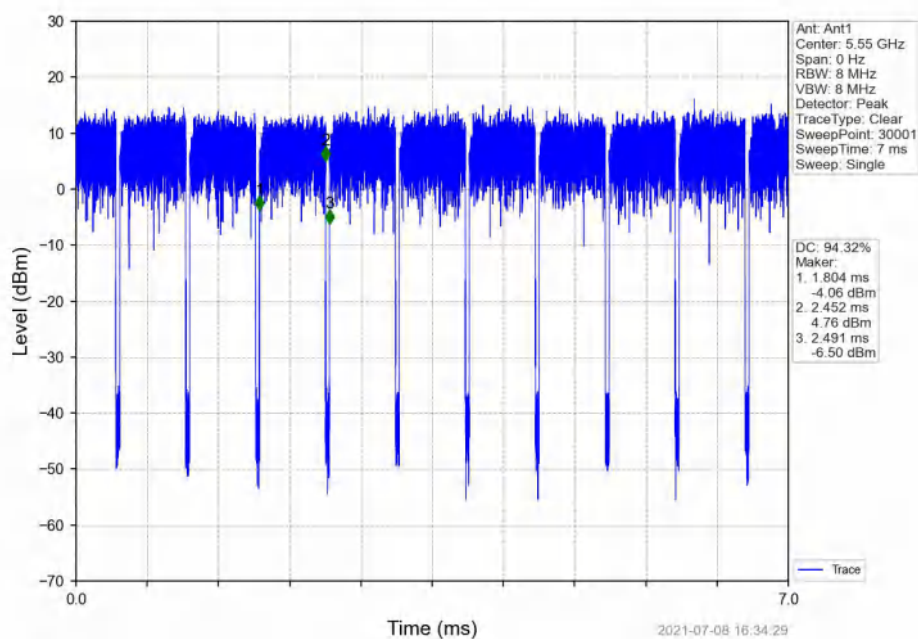
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

**Shenzhen Anbotech Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

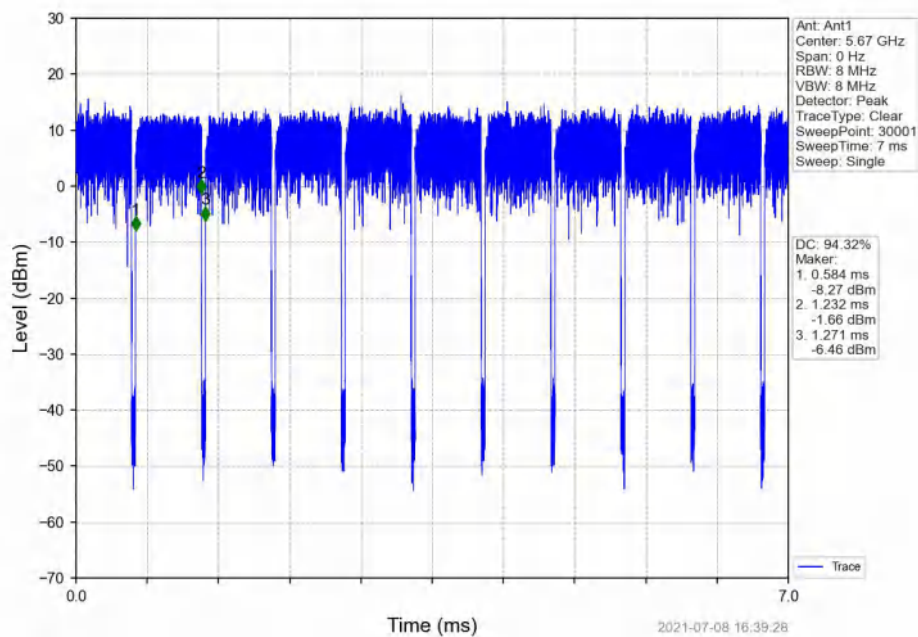


Hotline

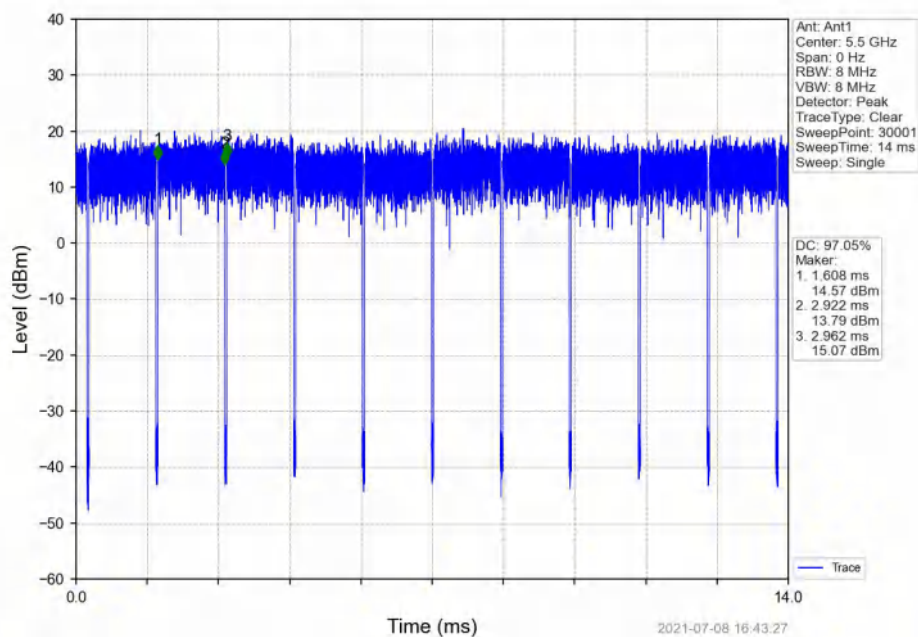
400-003-0500

www.anbotech.com

802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



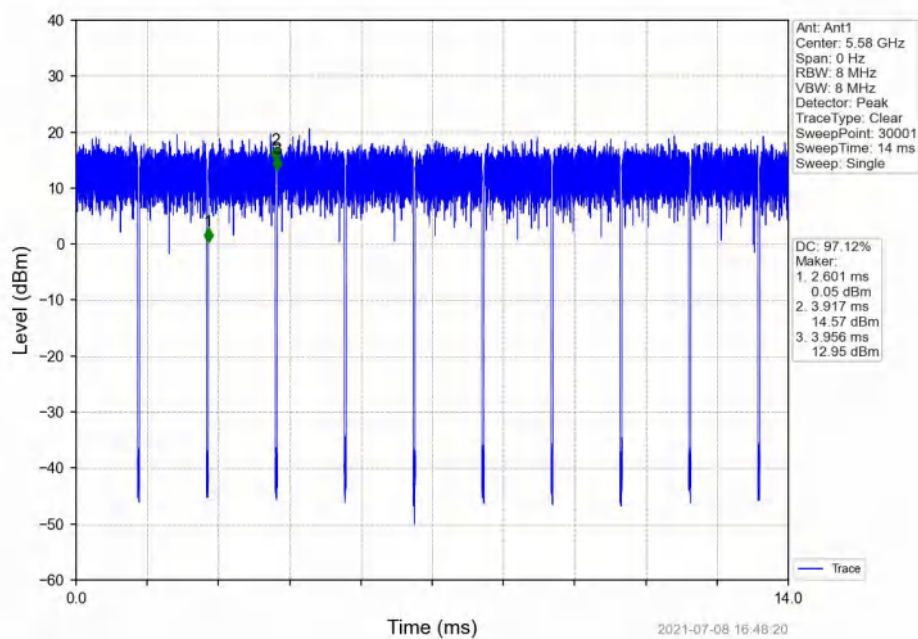
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

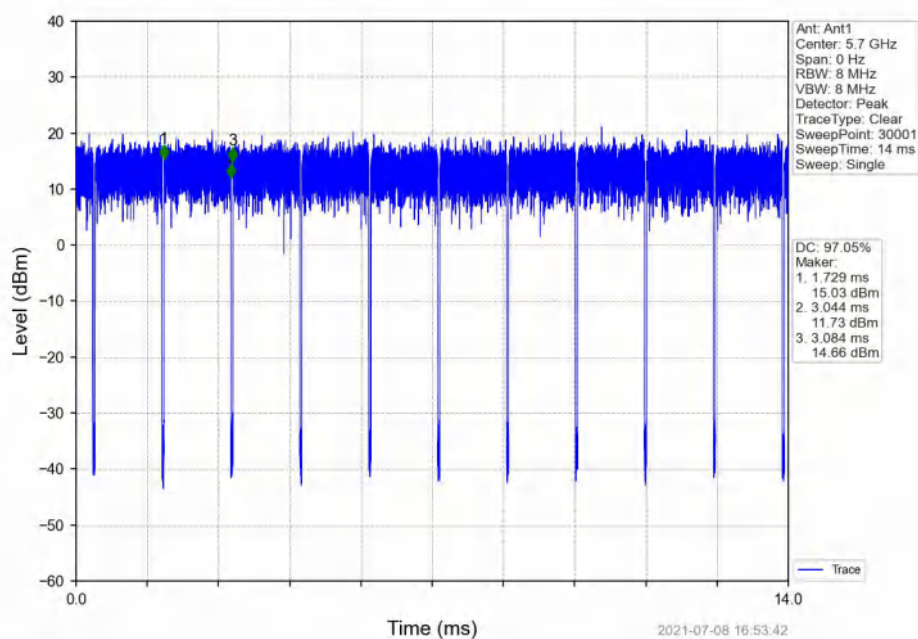
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

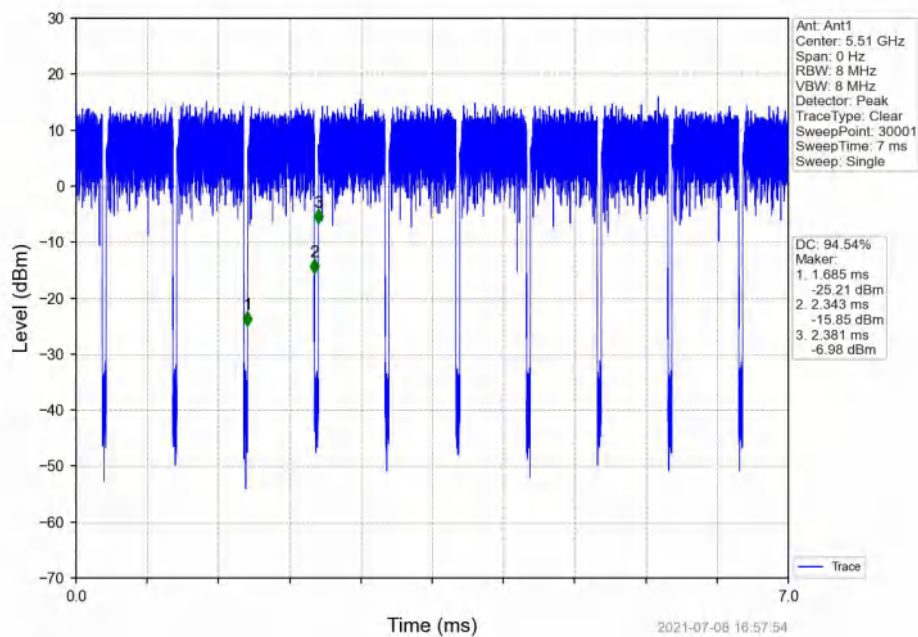


Hotline

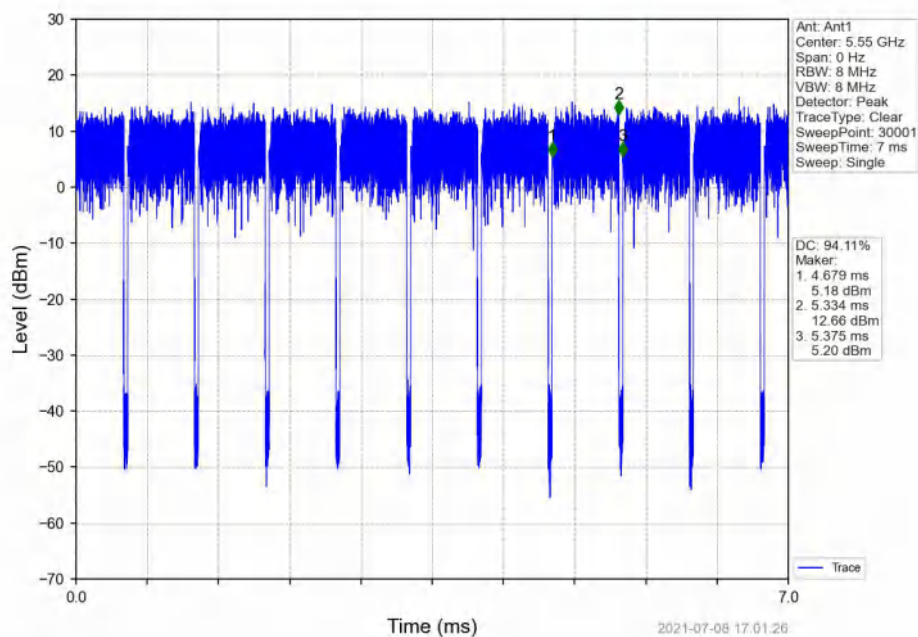
400-003-0500

www.anbotek.com

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



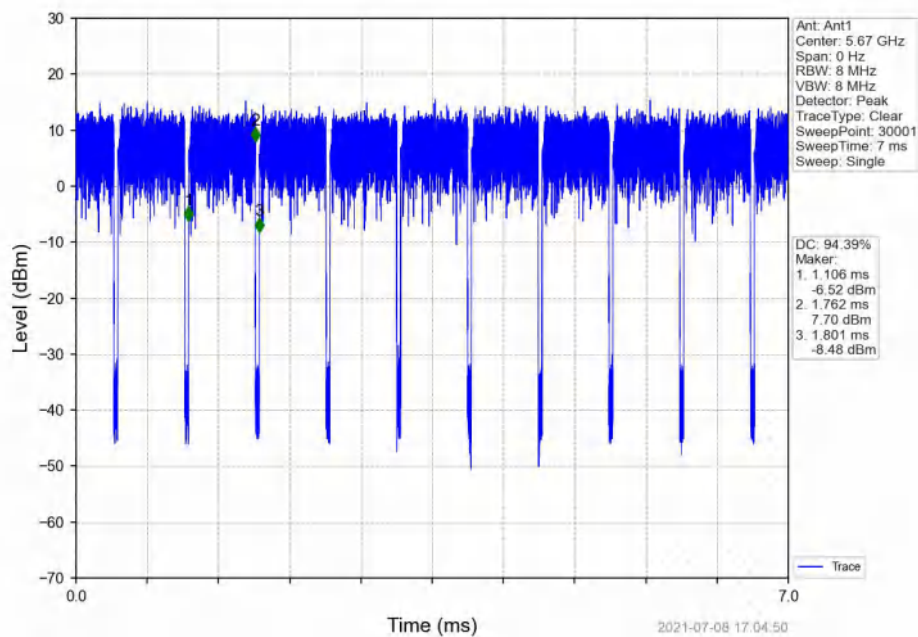
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

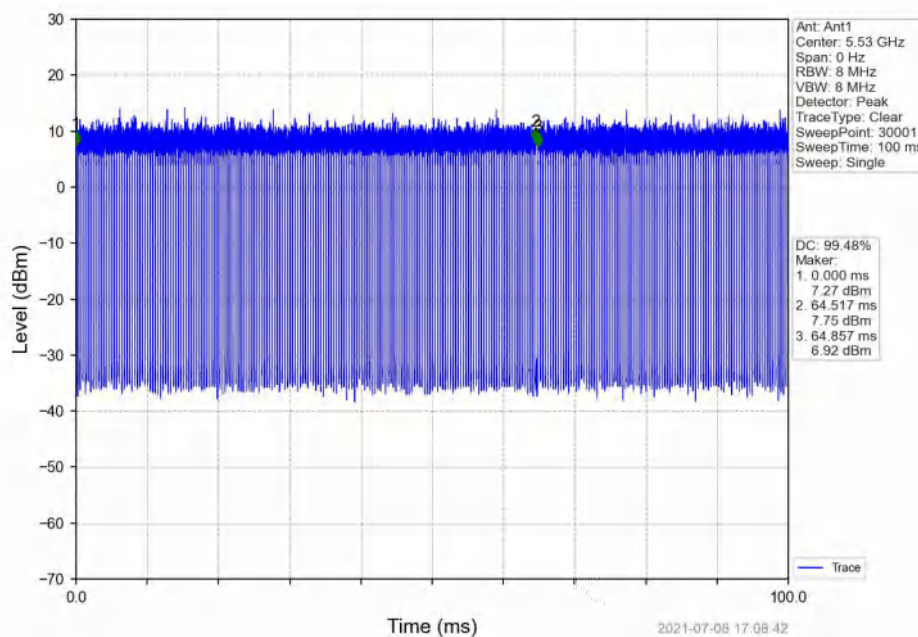
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



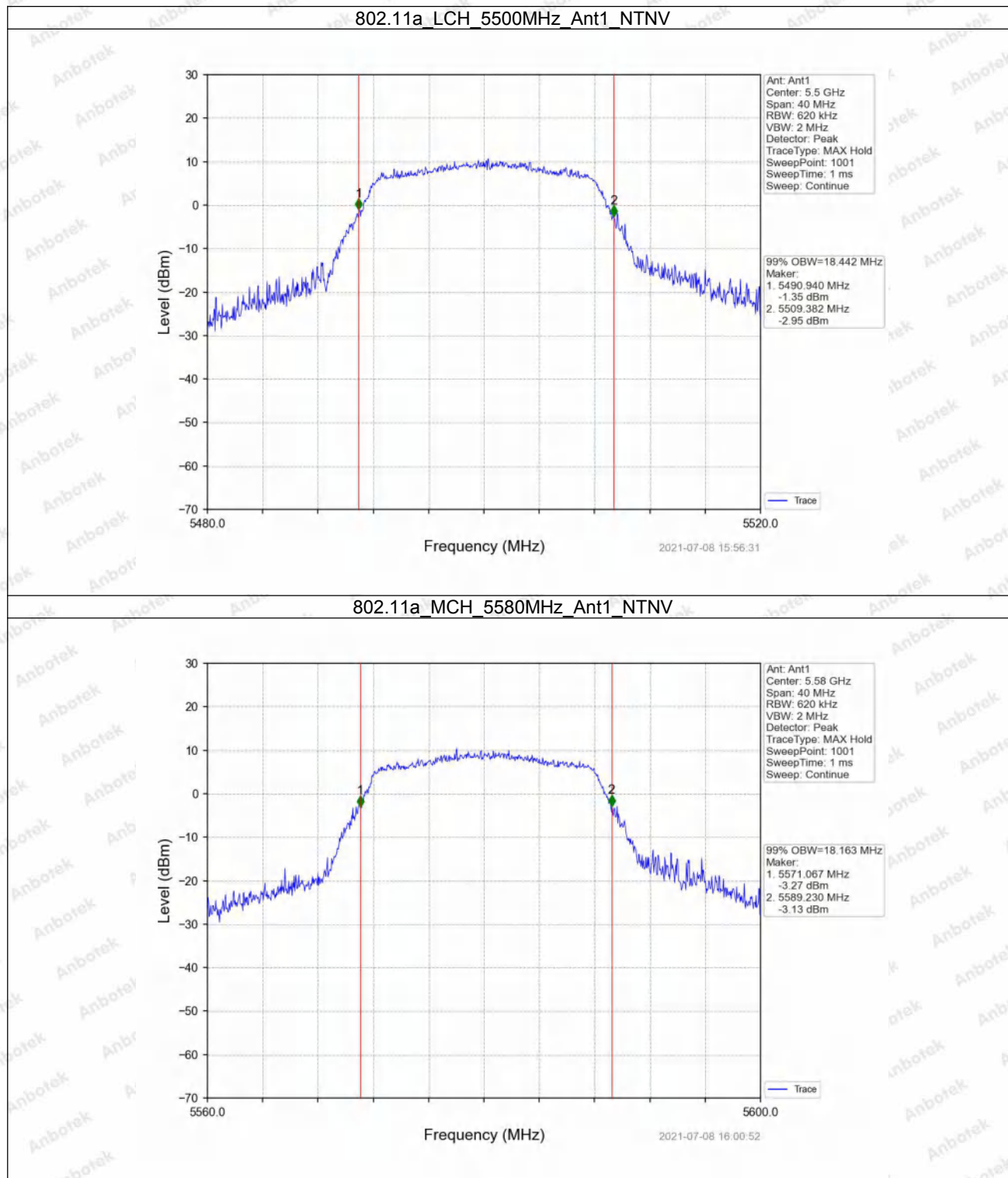
2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
802.11a	SISO	5500	1	18.44	/	Pass
		5580	1	18.16	/	Pass
		5700	1	18.29	/	Pass
802.11n (HT20)	MIMO	5500	1	19.07	/	Pass
		5580	1	19.03	/	Pass
		5700	1	18.85	/	Pass
802.11n (HT40)	MIMO	5510	1	36.98	/	Pass
		5550	1	37.08	/	Pass
		5670	1	36.94	/	Pass
802.11ac (VHT20)	MIMO	5500	1	18.84	/	Pass
		5580	1	18.87	/	Pass
		5700	1	18.87	/	Pass
802.11ac (VHT40)	MIMO	5510	1	36.95	/	Pass
		5550	1	37.04	/	Pass
		5670	1	36.89	/	Pass
802.11ac (VHT80)	MIMO	5530	1	76.65	/	Pass

2.1.2 Test Graph

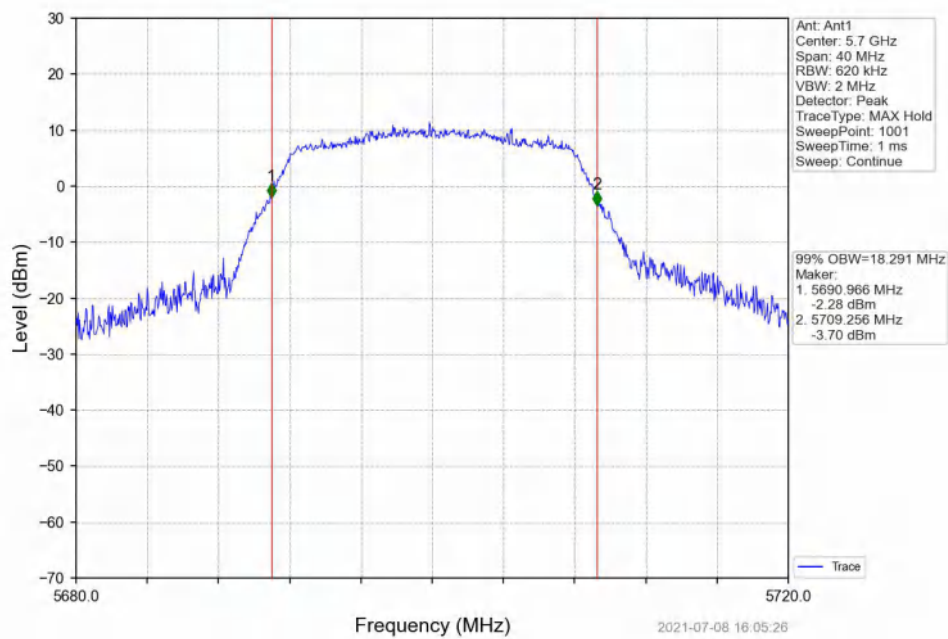


Shenzhen Anbotech Compliance Laboratory Limited

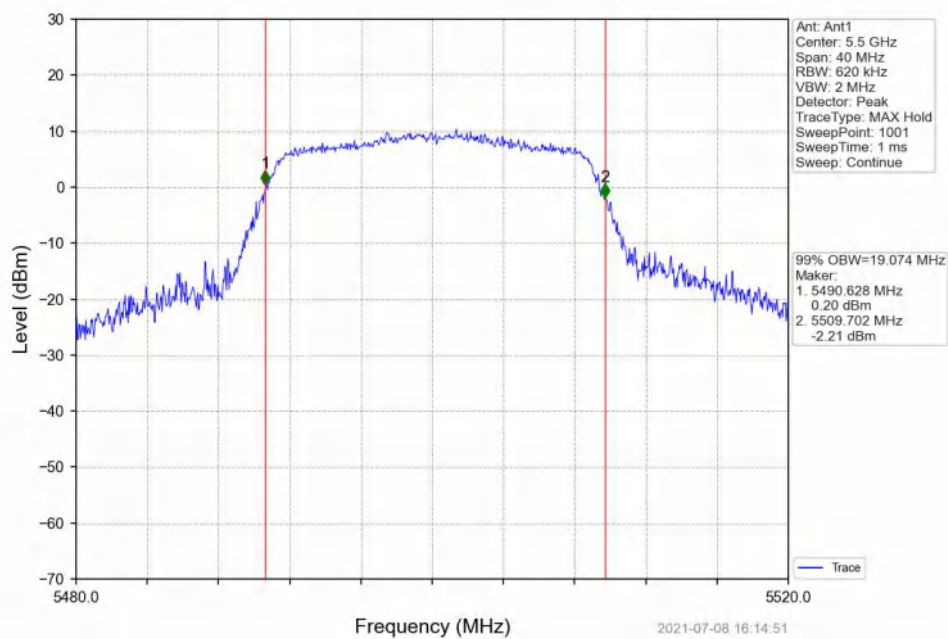
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

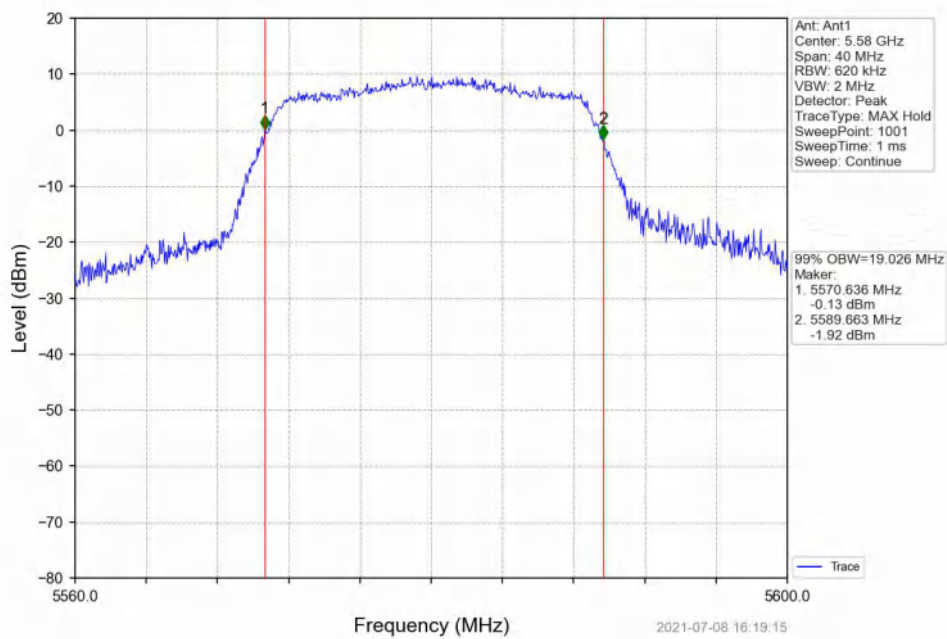


Shenzhen Anbotek Compliance Laboratory Limited

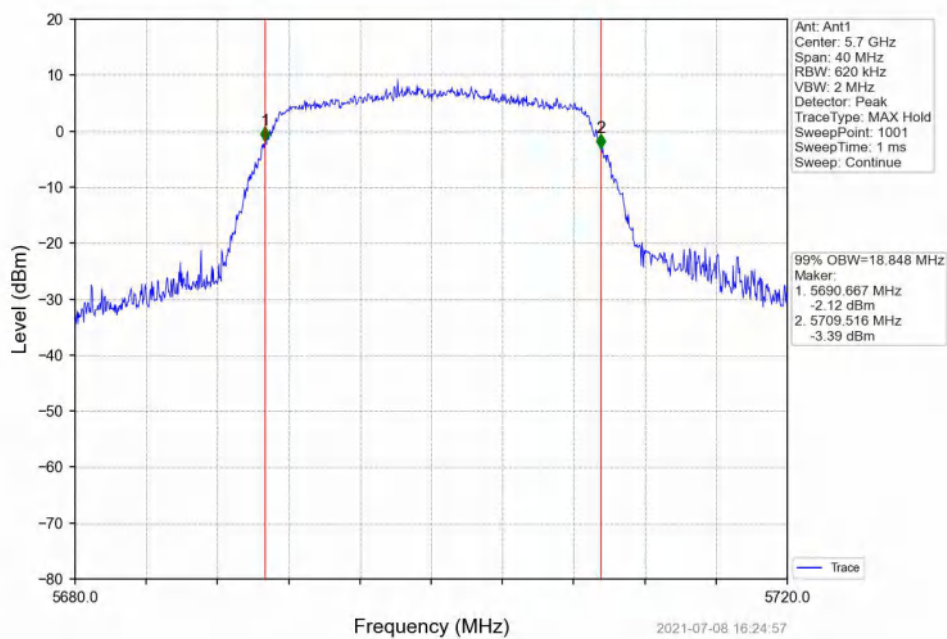
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



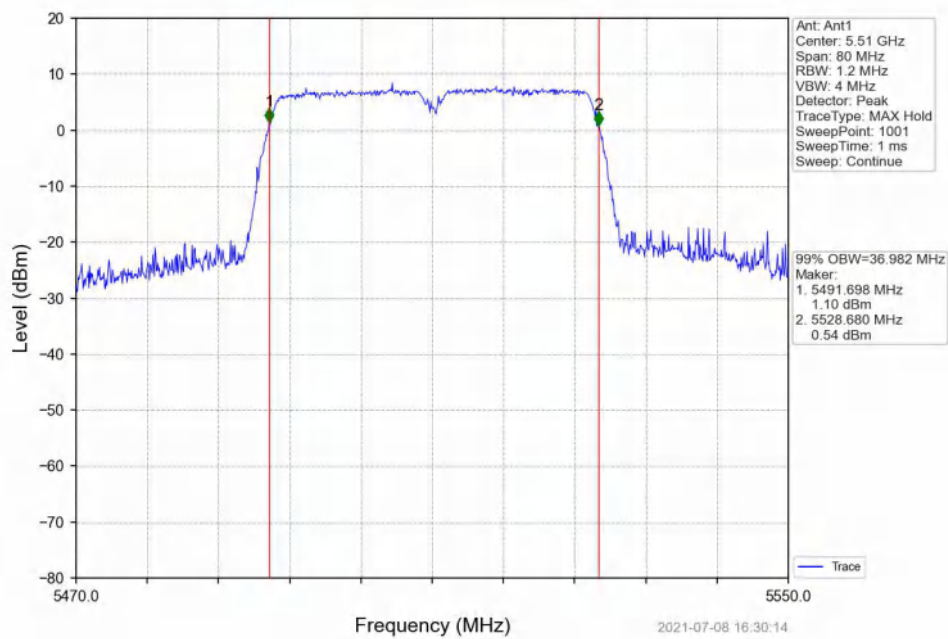
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

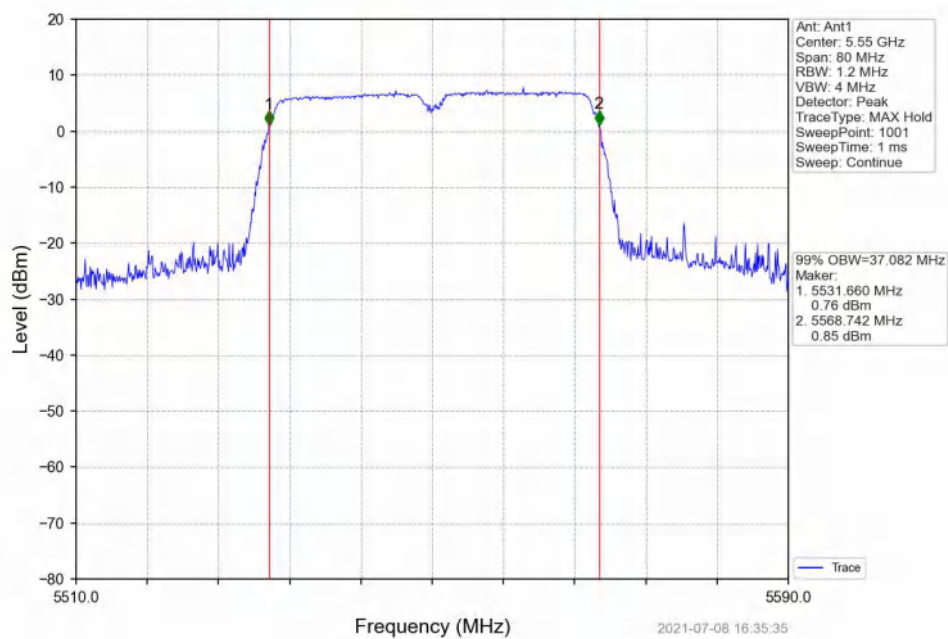
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

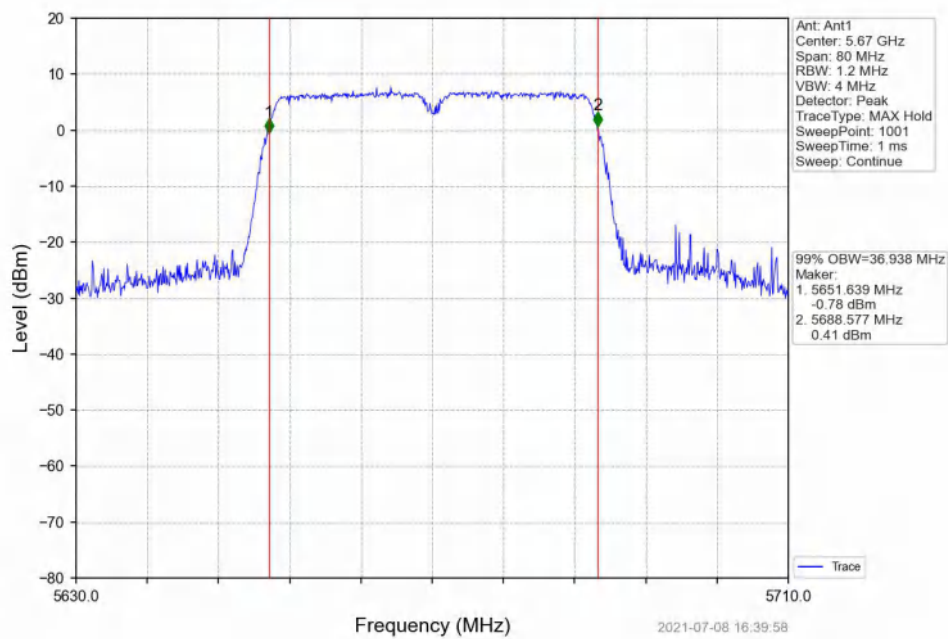


Hotline

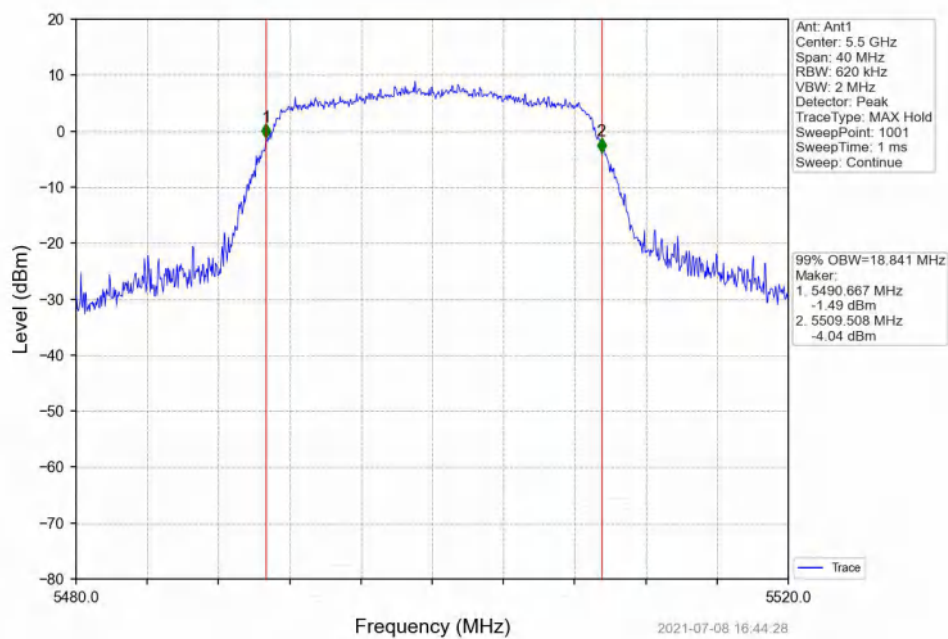
400-003-0500

www.anbotech.com

802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

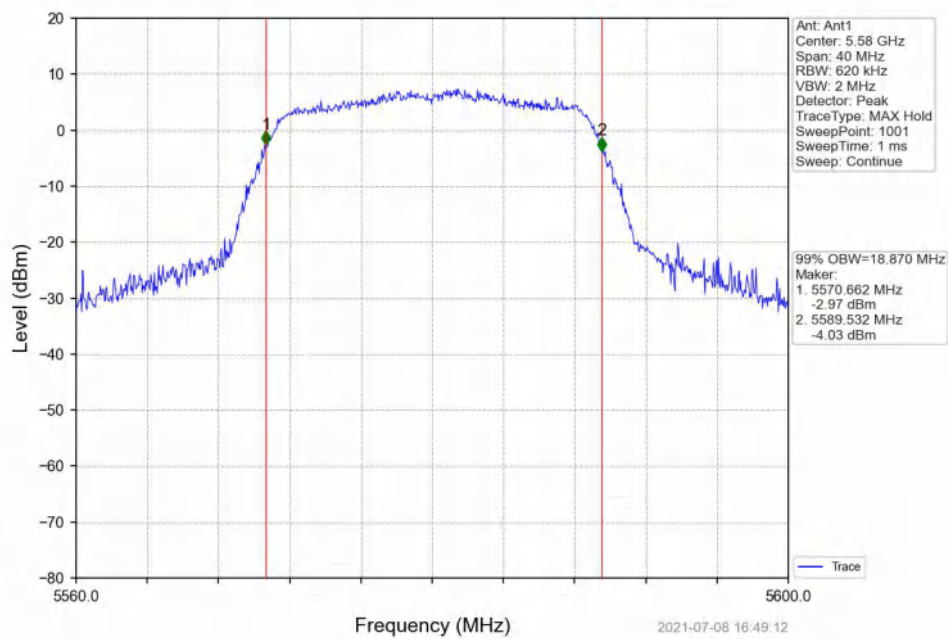


Shenzhen Anbotek Compliance Laboratory Limited

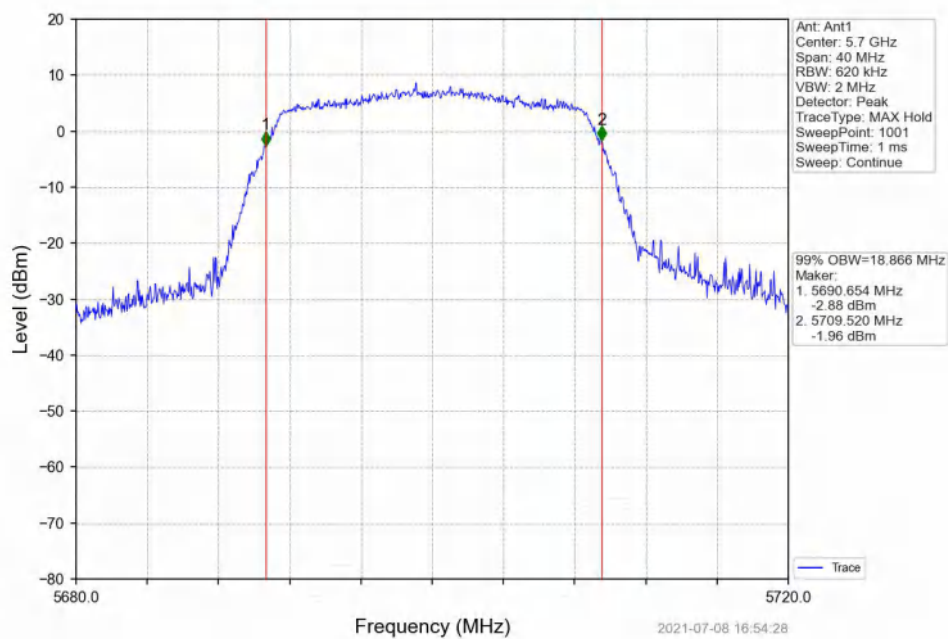
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

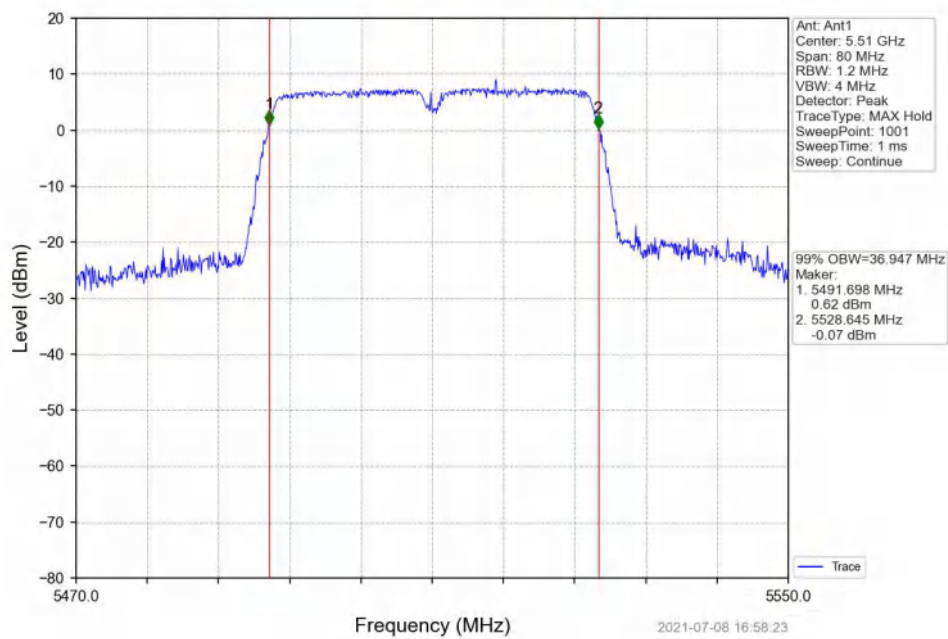


Shenzhen Anbotech Compliance Laboratory Limited

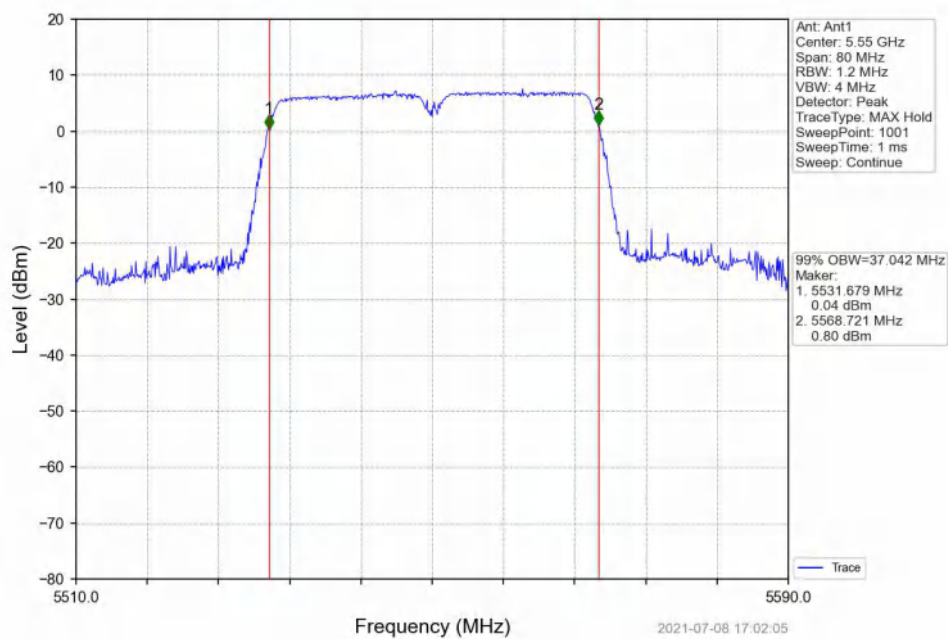
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

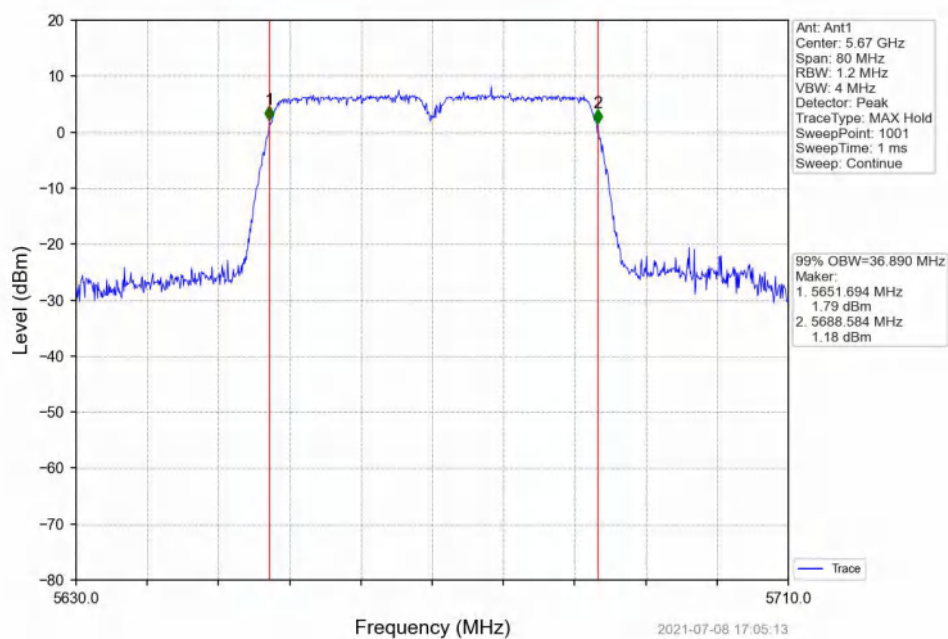


Hotline

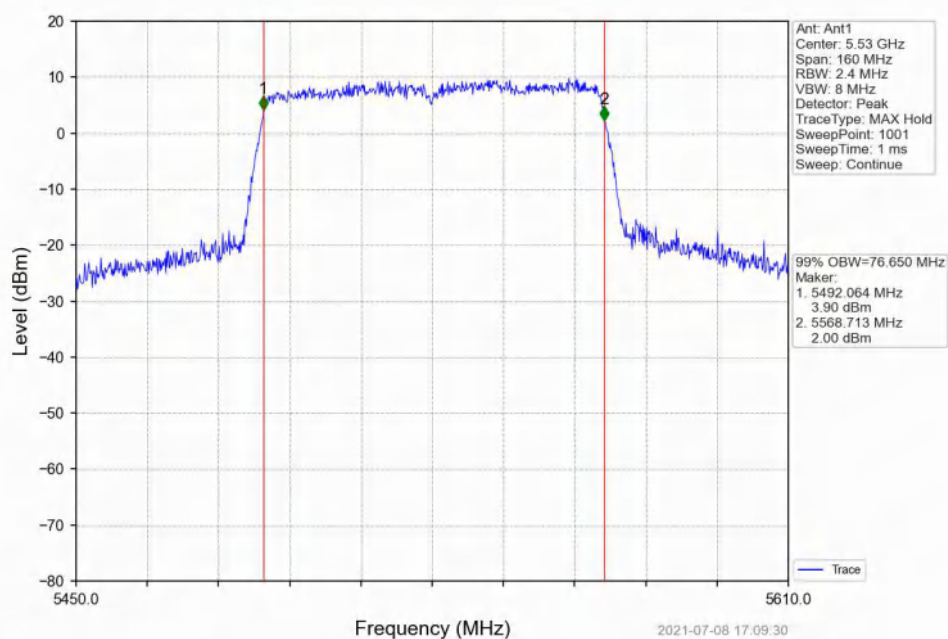
400-003-0500

www.anbotek.com

802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

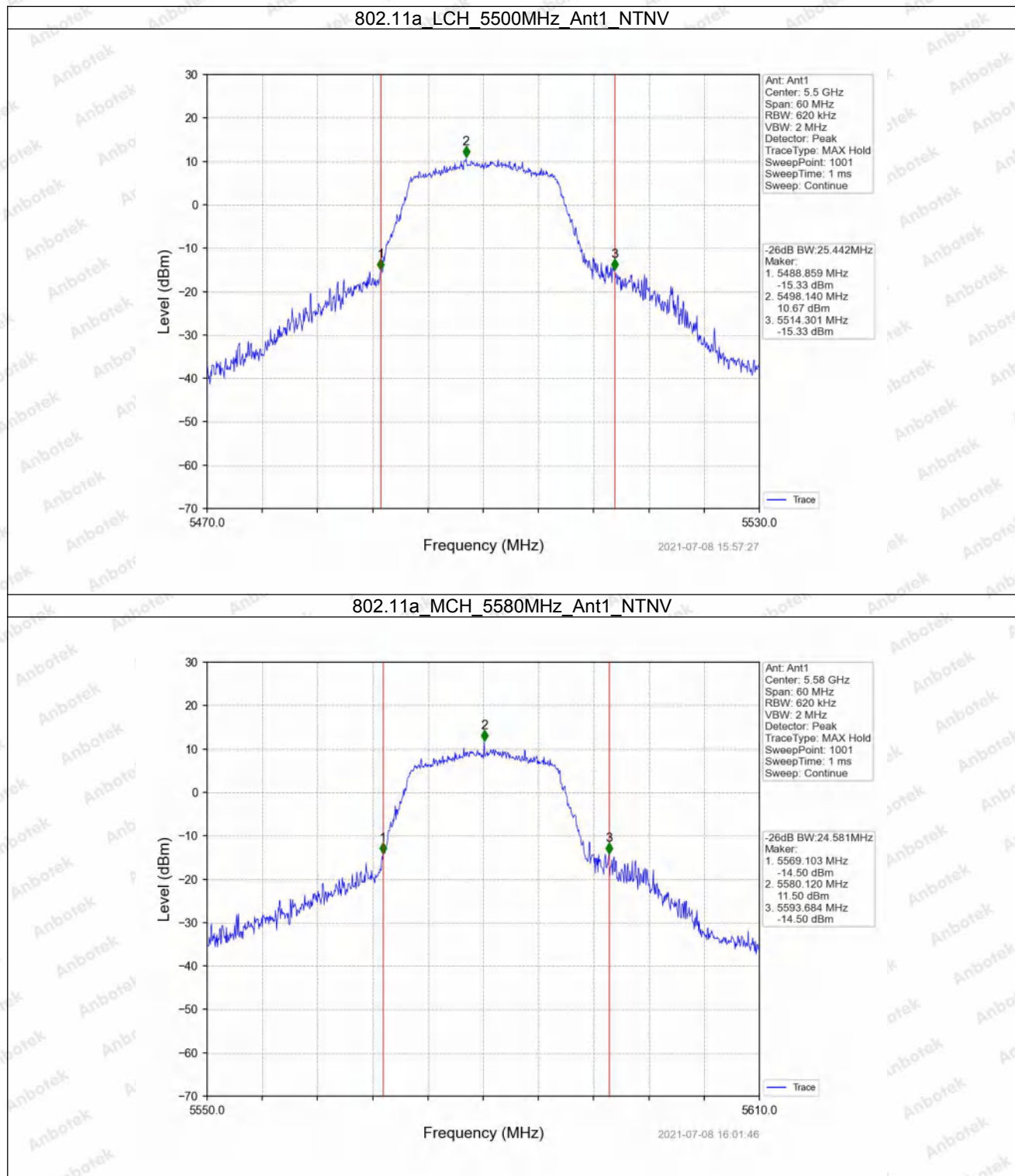
Hotline
400-003-0500
www.anbotech.com

2.2 26dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Limit	Verdict
802.11a	SISO	5500	1	25.44	/	Pass
		5580	1	24.58	/	Pass
		5700	1	25.40	/	Pass
802.11n (HT20)	MIMO	5500	1	27.63	/	Pass
		5580	1	25.77	/	Pass
		5700	1	22.23	/	Pass
802.11n (HT40)	MIMO	5510	1	55.03	/	Pass
		5550	1	52.80	/	Pass
		5670	1	41.41	/	Pass
802.11ac (VHT20)	MIMO	5500	1	22.21	/	Pass
		5580	1	22.35	/	Pass
		5700	1	22.27	/	Pass
802.11ac (VHT40)	MIMO	5510	1	44.10	/	Pass
		5550	1	48.94	/	Pass
		5670	1	41.66	/	Pass
802.11ac (VHT80)	MIMO	5530	1	88.86	/	Pass

2.2.2 Test Graph



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

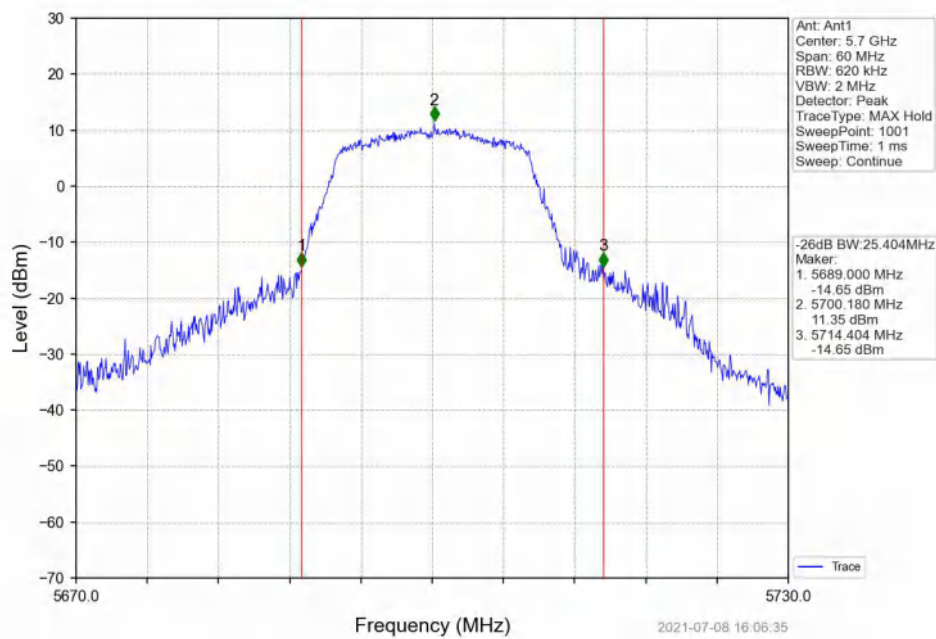


Hotline

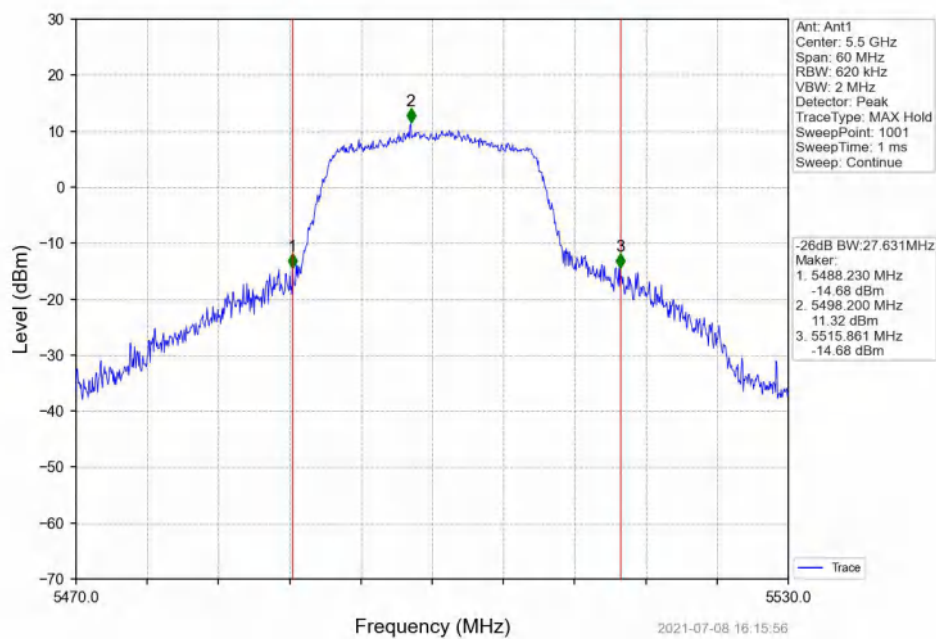
400-003-0500

www.anbotech.com

802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

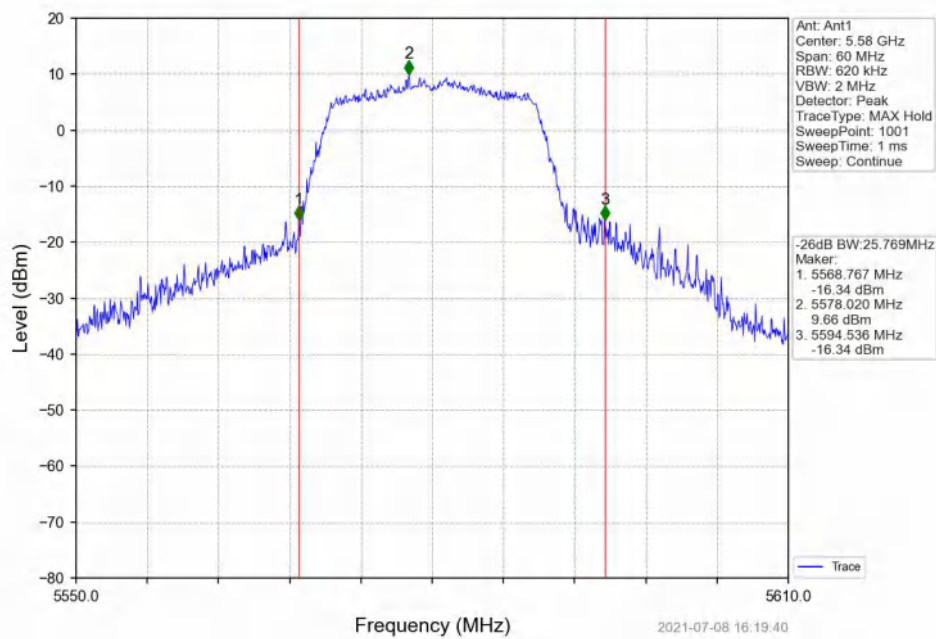


Shenzhen Anbotek Compliance Laboratory Limited

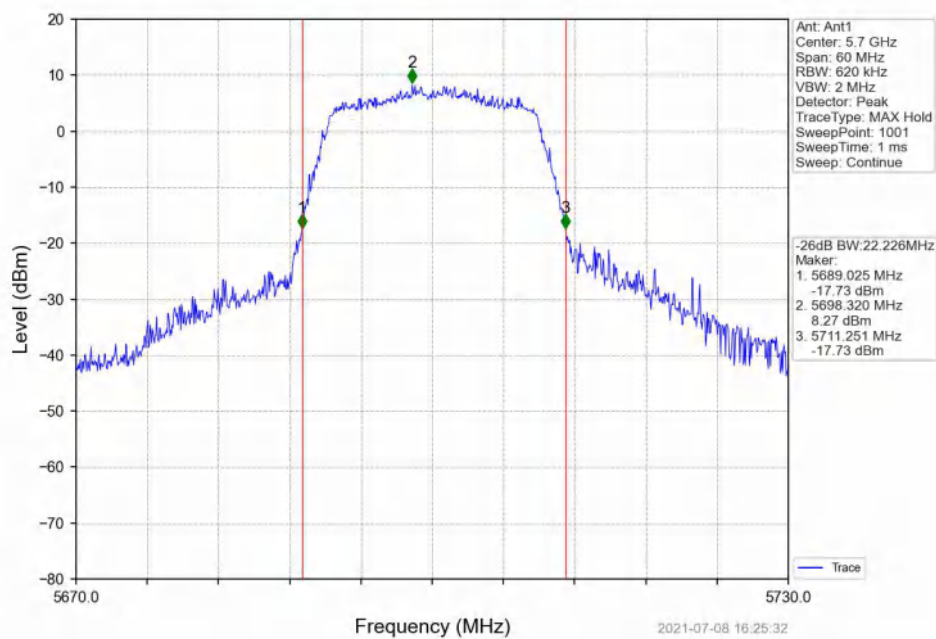
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

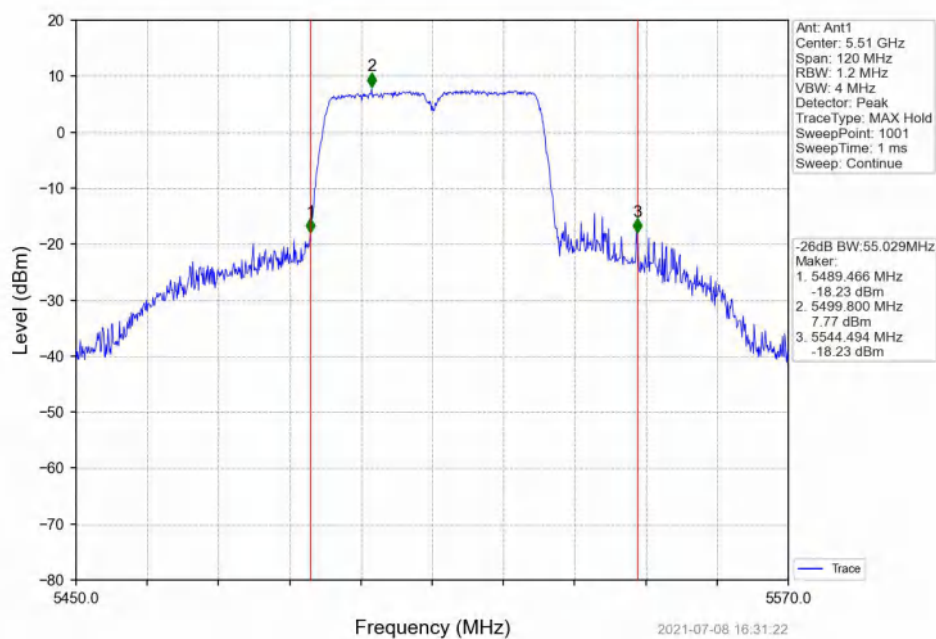
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



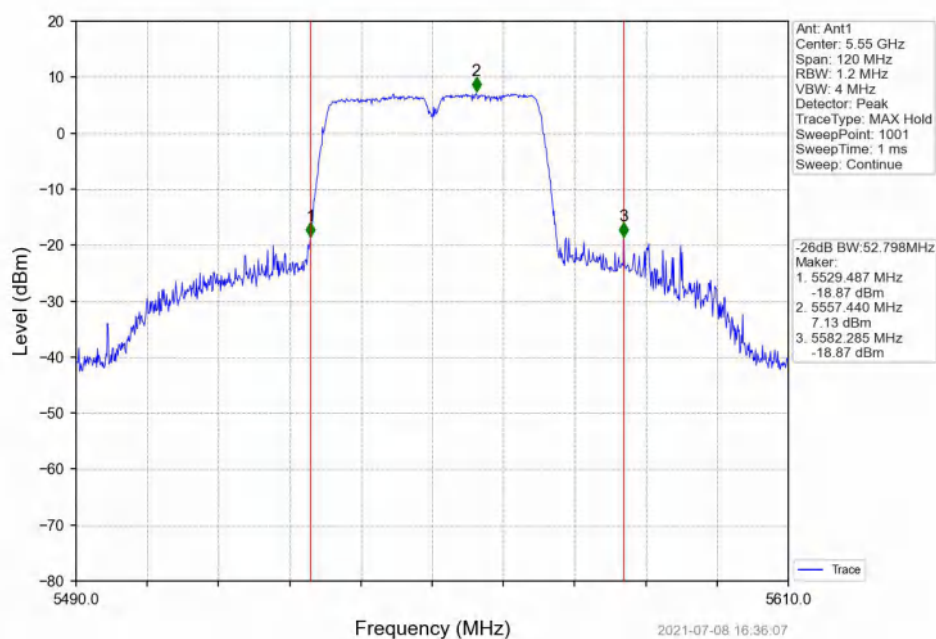
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



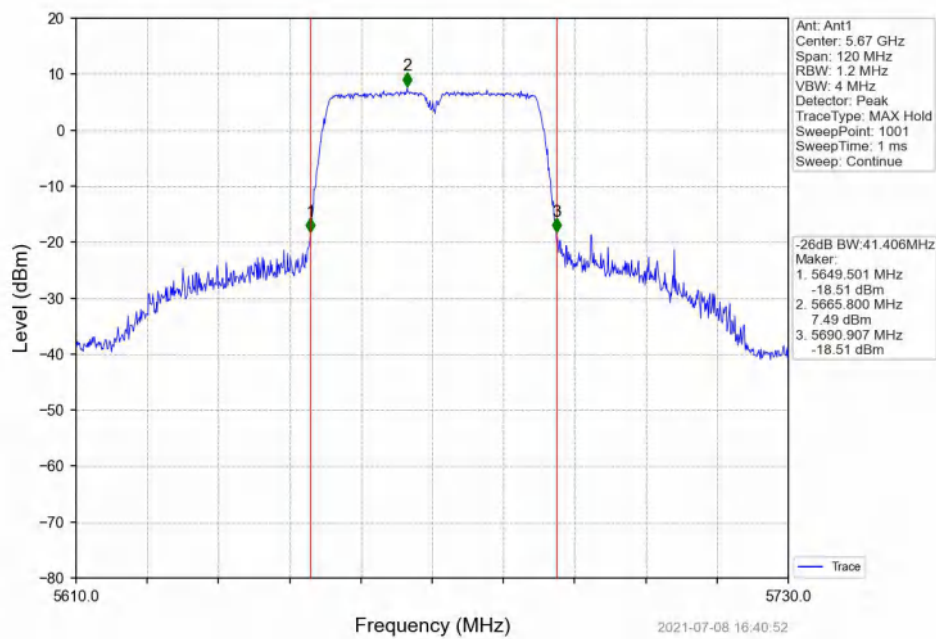
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



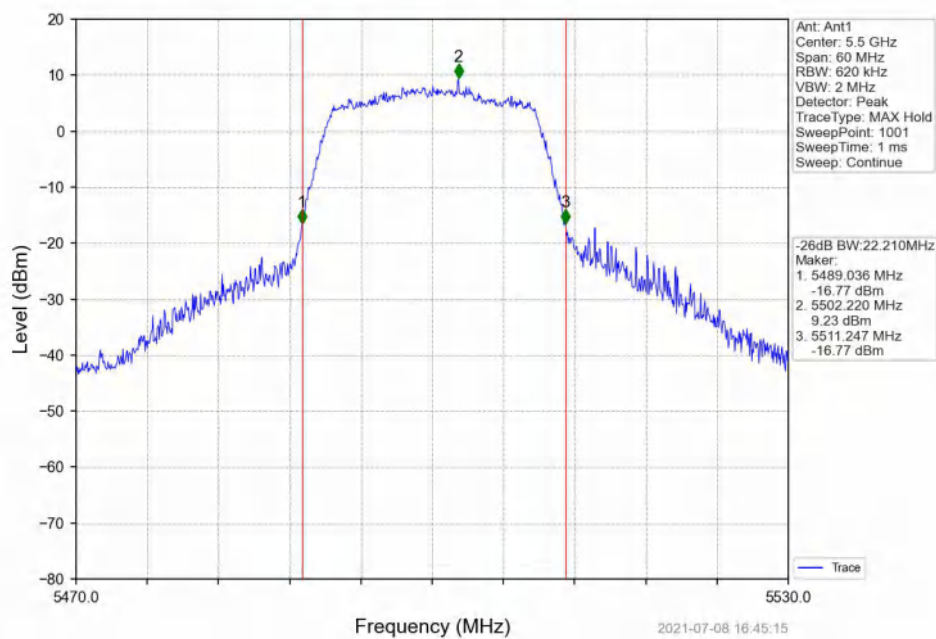
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

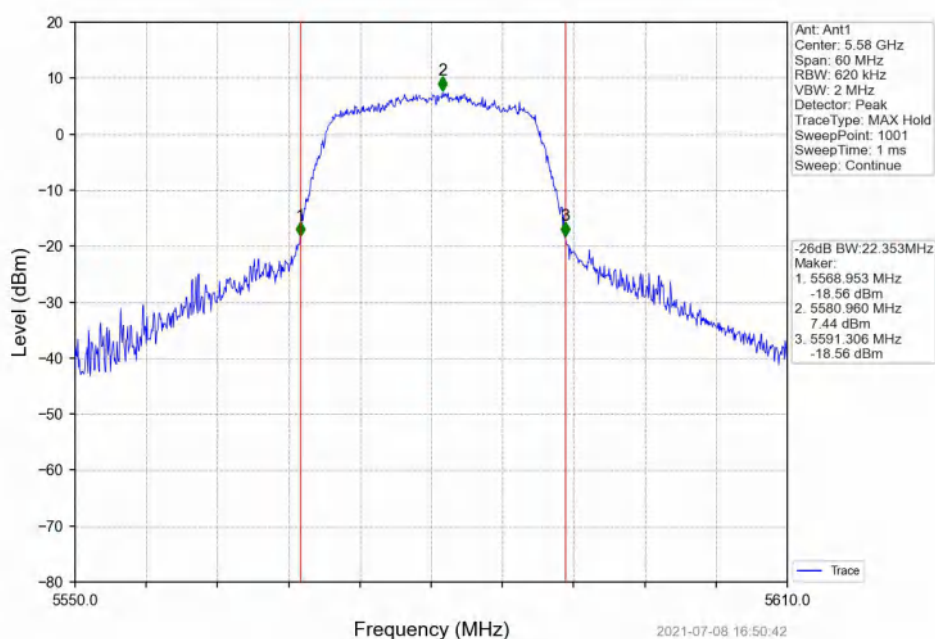


Shenzhen Anbotech Compliance Laboratory Limited

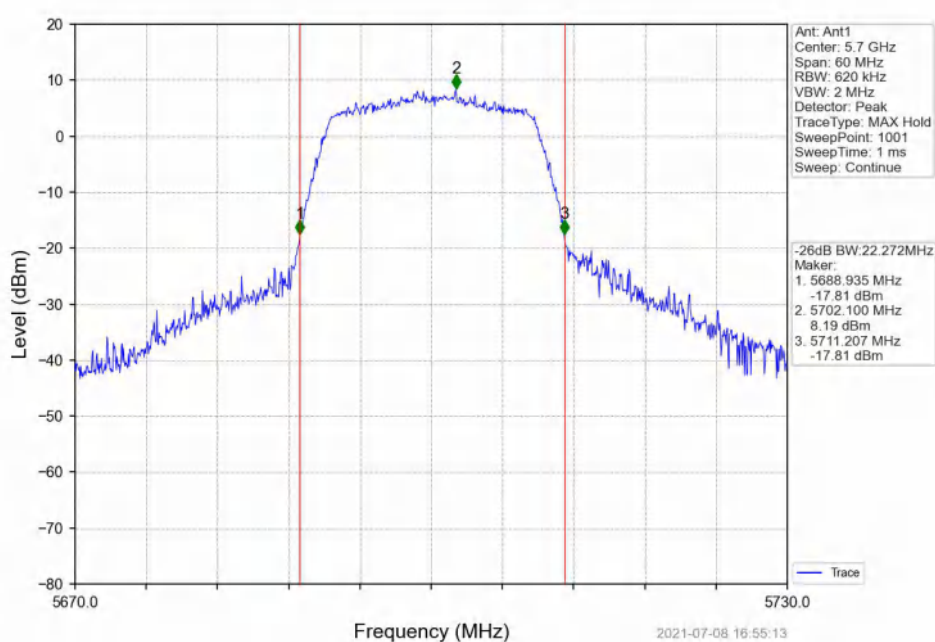
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

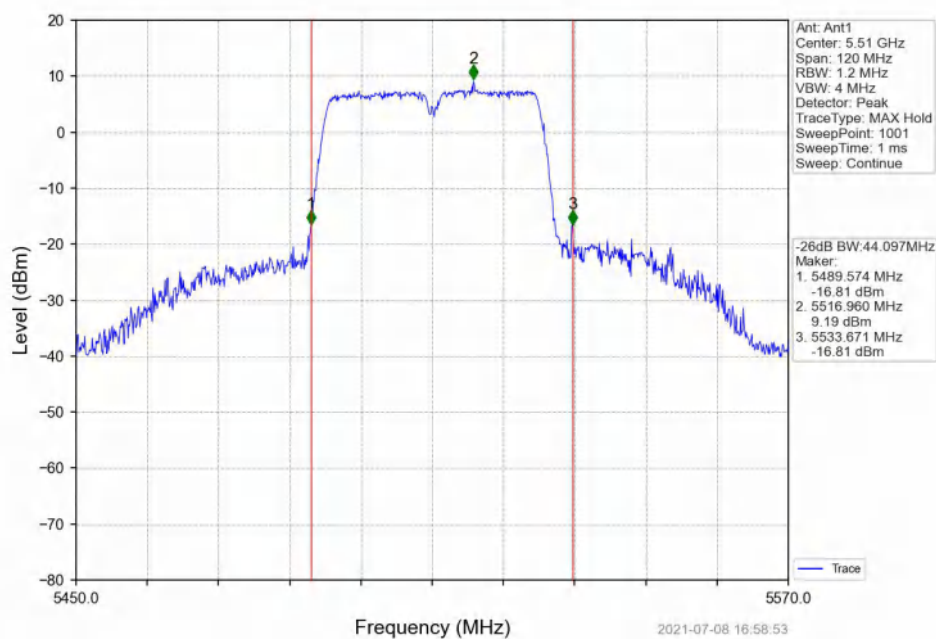


Hotline

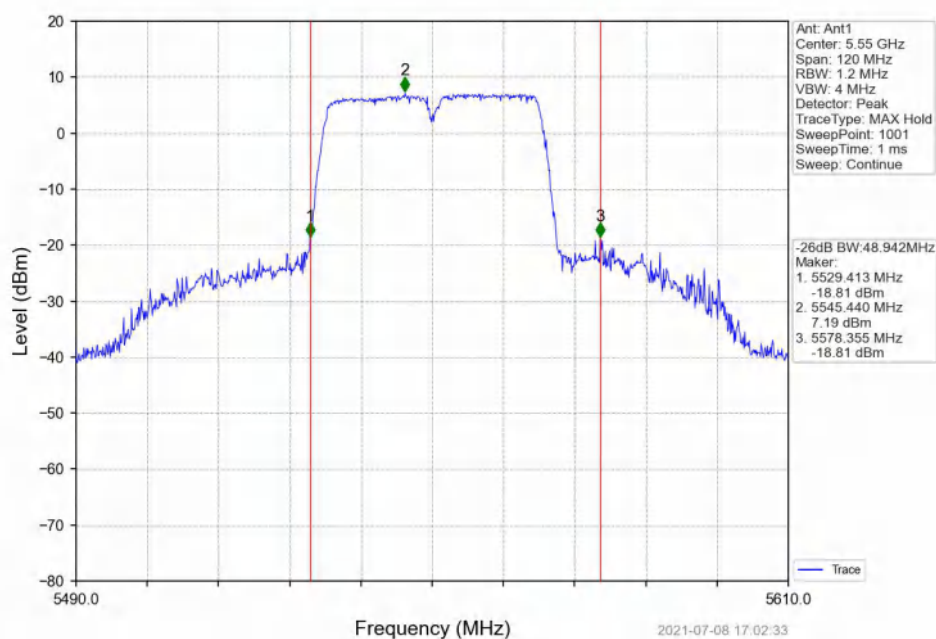
400-003-0500

www.anbotech.com

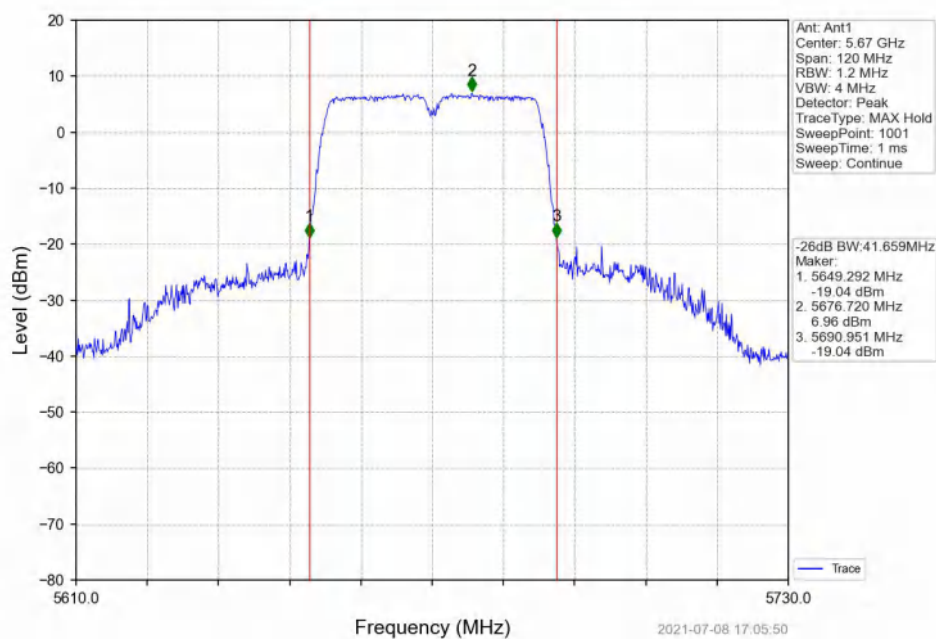
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



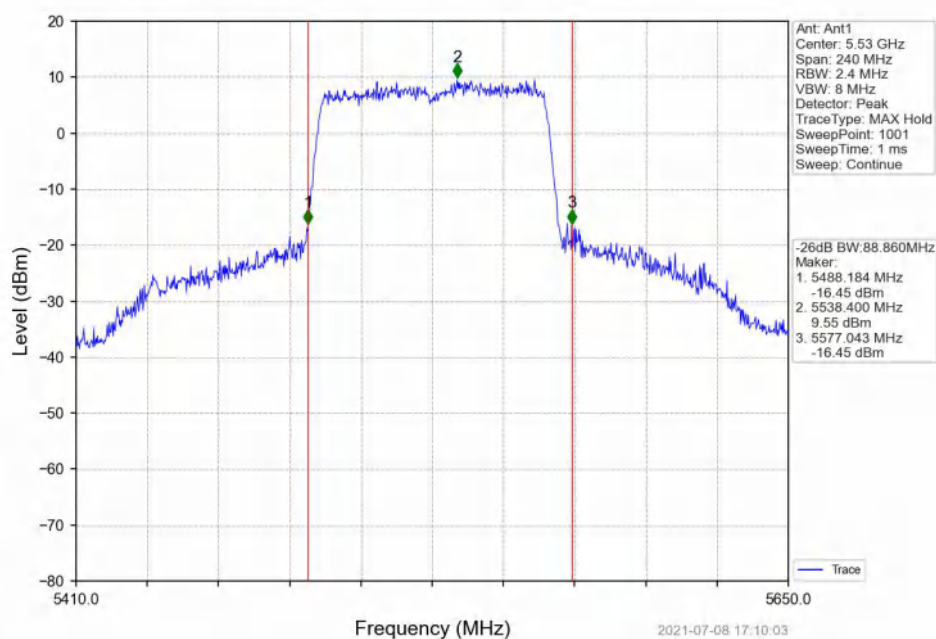
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

www.anbotek.com

3. Maximum Conducted Output Power

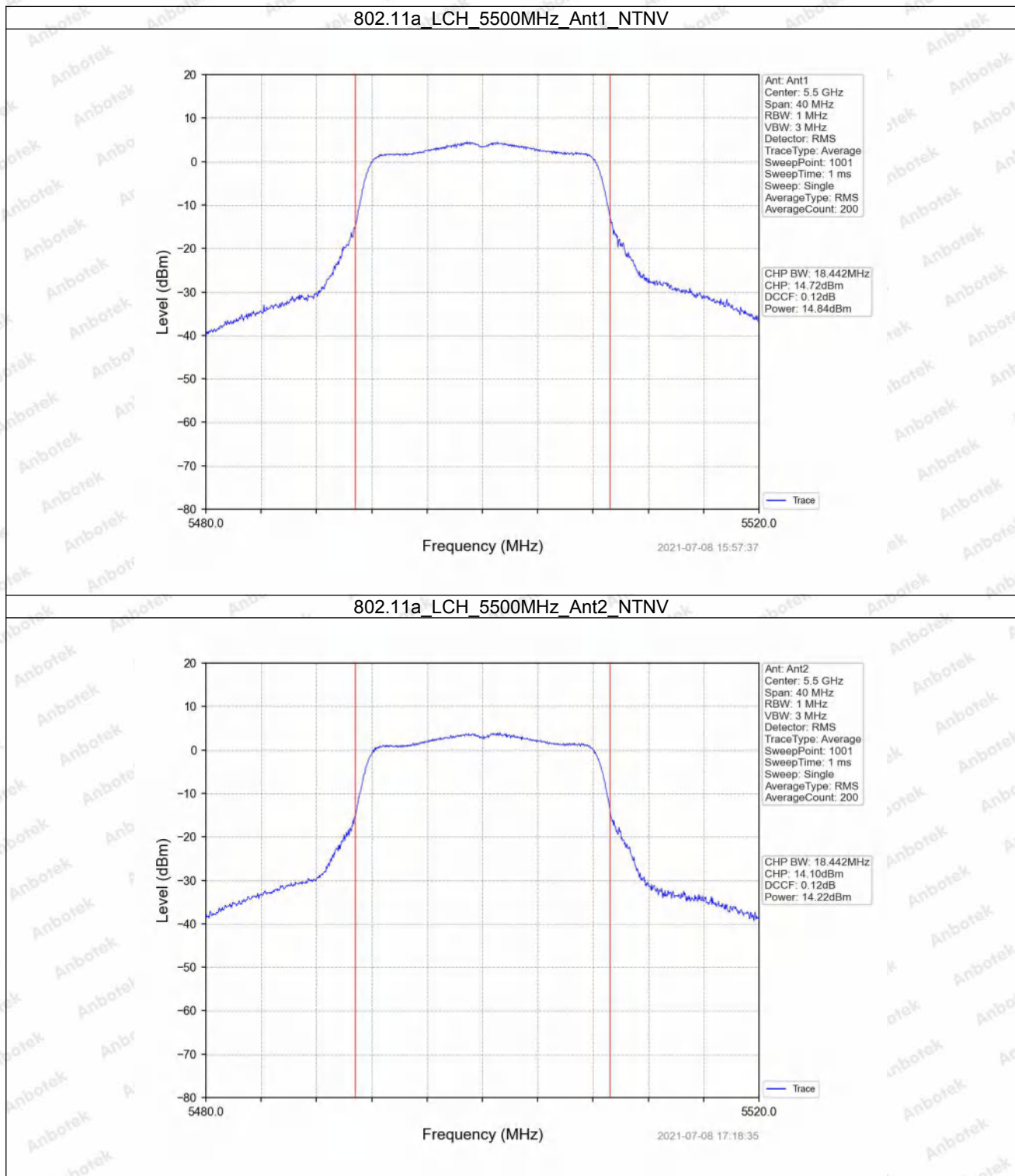
3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Average Output Power (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
802.11a	SISO	5500	14.84	14.22	/	<=23.66	Pass
		5580	14.41	12.66	/	<=23.59	Pass
		5700	15.08	13.31	/	<=23.62	Pass
802.11n (HT20)	MIMO	5500	12.62	11.84	15.26	<=23.8	Pass
		5580	11.94	10.17	14.15	<=23.79	Pass
		5700	12.67	10.97	14.91	<=23.75	Pass
802.11n (HT40)	MIMO	5510	12.33	11.46	14.93	<=23.98	Pass
		5550	12.12	10.64	14.45	<=23.98	Pass
		5670	12.09	10.39	14.33	<=23.98	Pass
802.11ac (VHT20)	MIMO	5500	12.69	11.80	15.28	<=23.75	Pass
		5580	12.03	10.17	14.21	<=23.76	Pass
		5700	12.65	10.97	14.90	<=23.76	Pass
802.11ac (VHT40)	MIMO	5510	12.29	11.57	14.96	<=23.98	Pass
		5550	12.18	10.64	14.49	<=23.98	Pass
		5670	11.95	10.44	14.27	<=23.98	Pass
802.11ac (VHT80)	MIMO	5530	11.97	10.75	14.41	<=23.98	Pass

Note1: Antenna Gain: Ant1: 1.83dBi; Ant2: 1.61dBi;

3.1.2 Test Graph



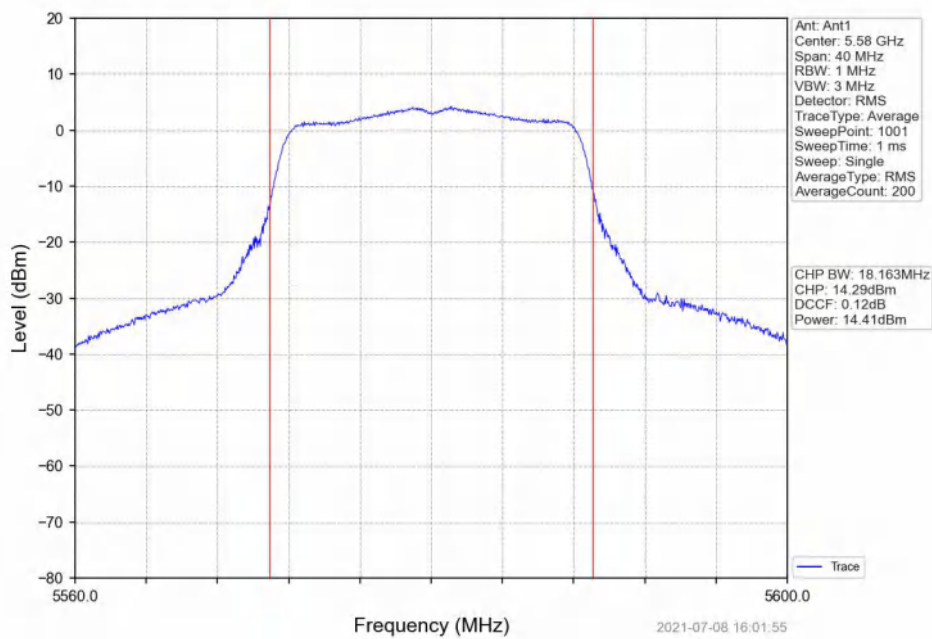
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

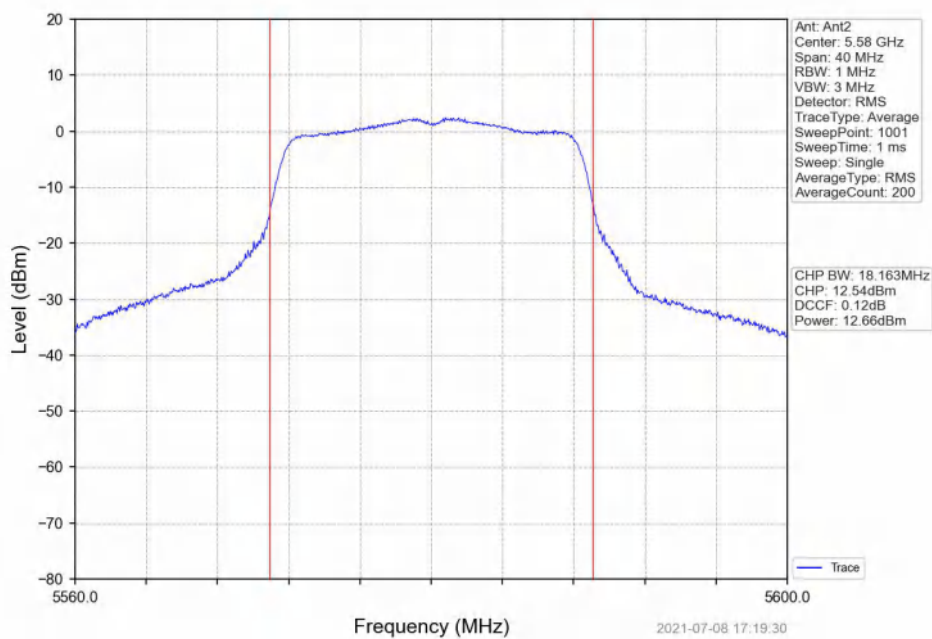
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

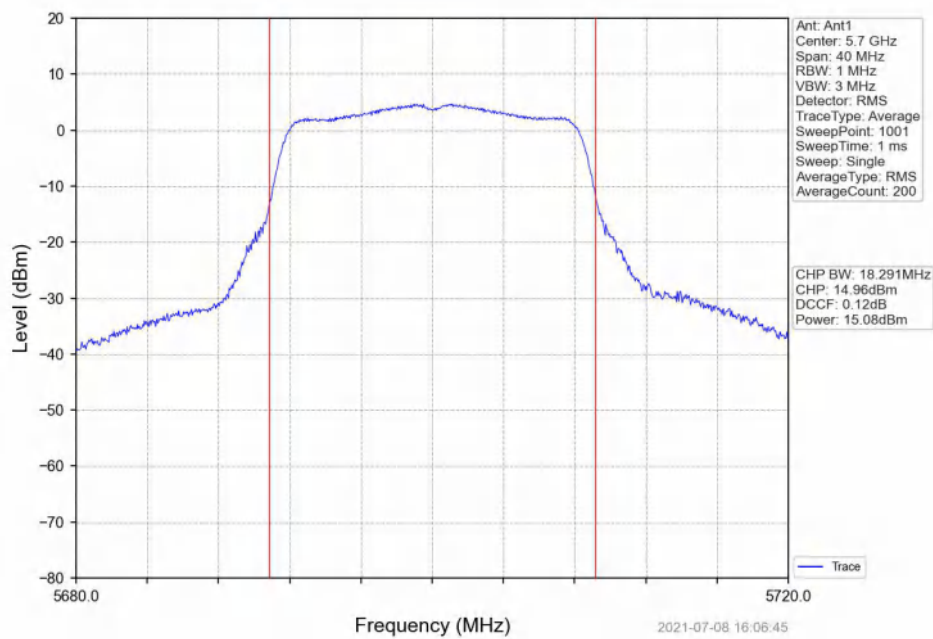
802.11a_MCH_5580MHz_Ant1_NTNV



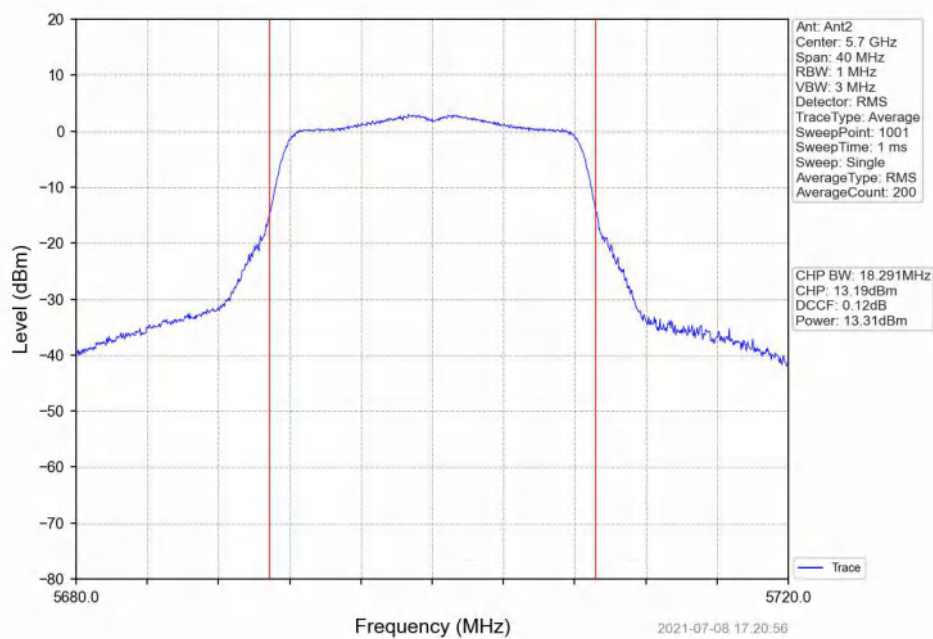
802.11a_MCH_5580MHz_Ant2_NTNV



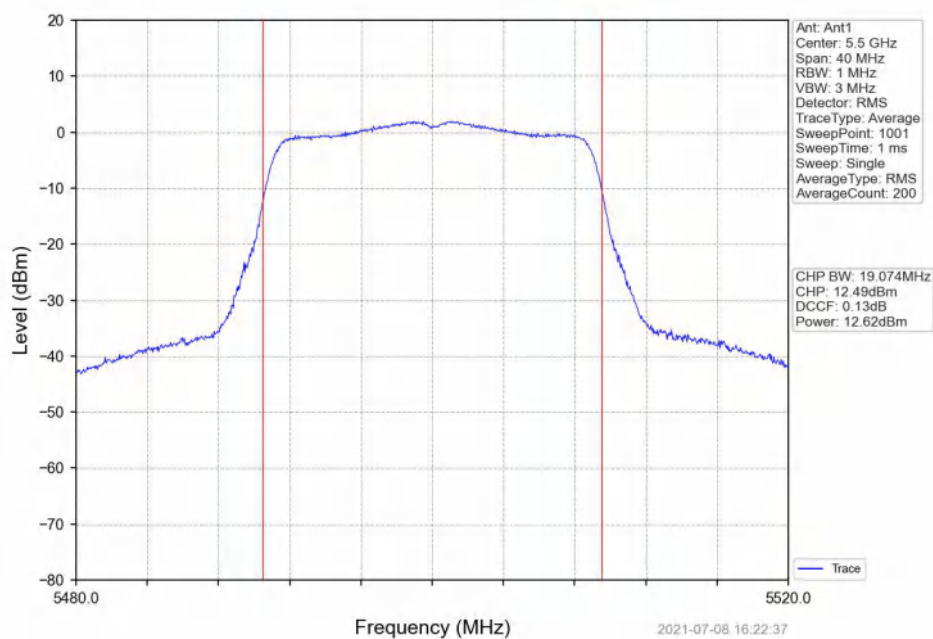
802.11a_HCH_5700MHz_Ant1_NTNV



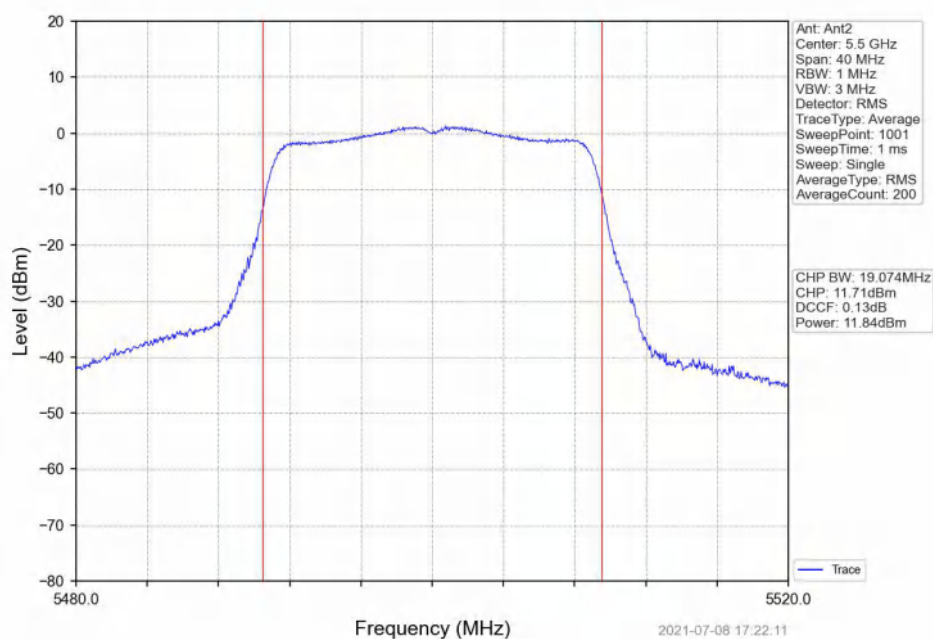
802.11a_HCH_5700MHz_Ant2_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



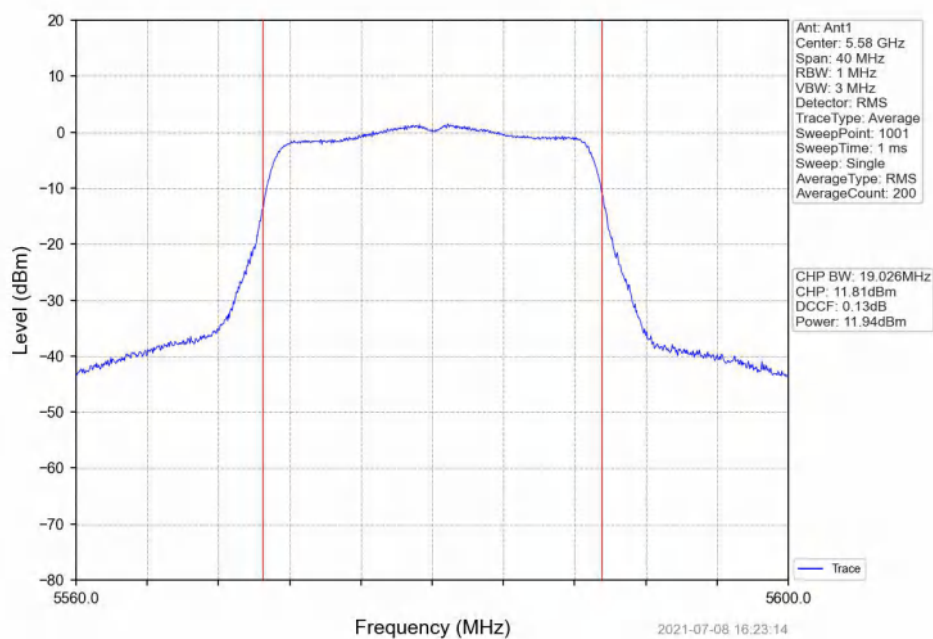
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

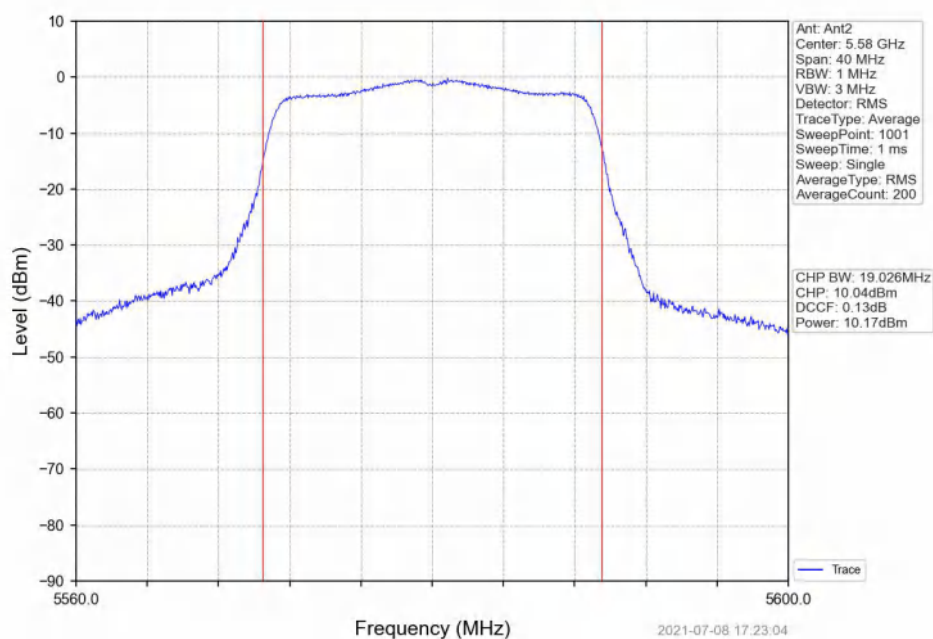
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

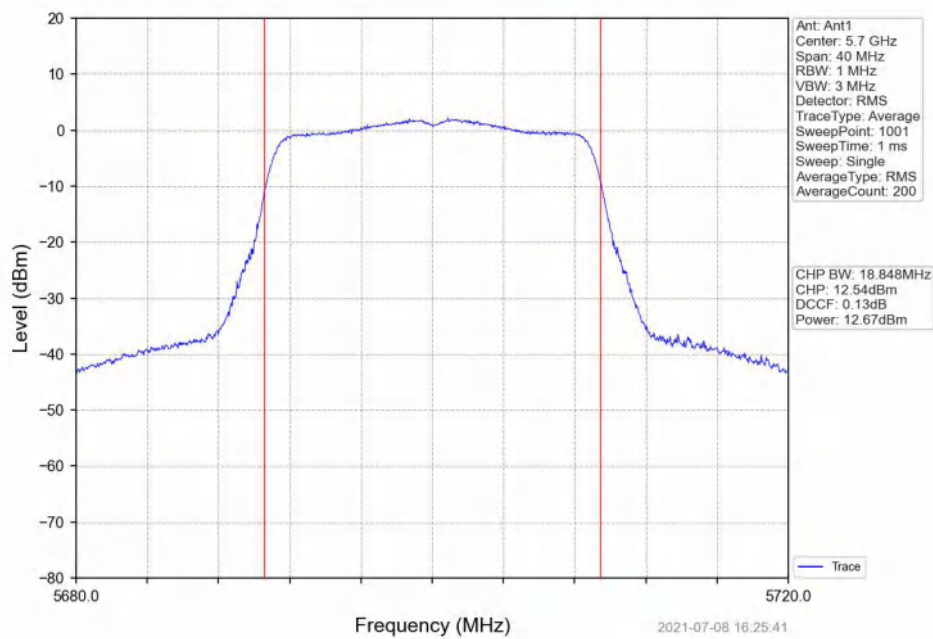


Hotline

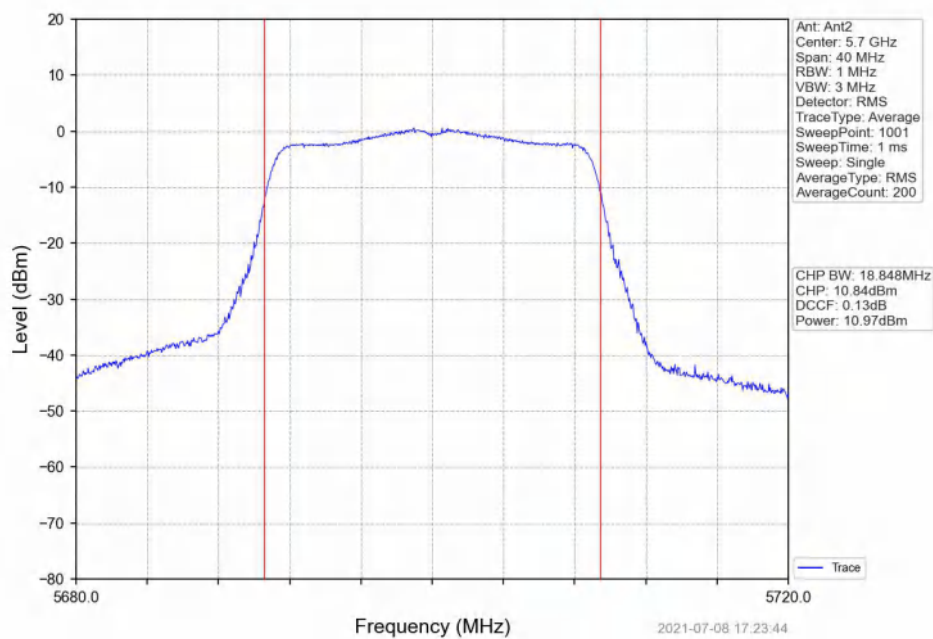
400-003-0500

www.anbotek.com

802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



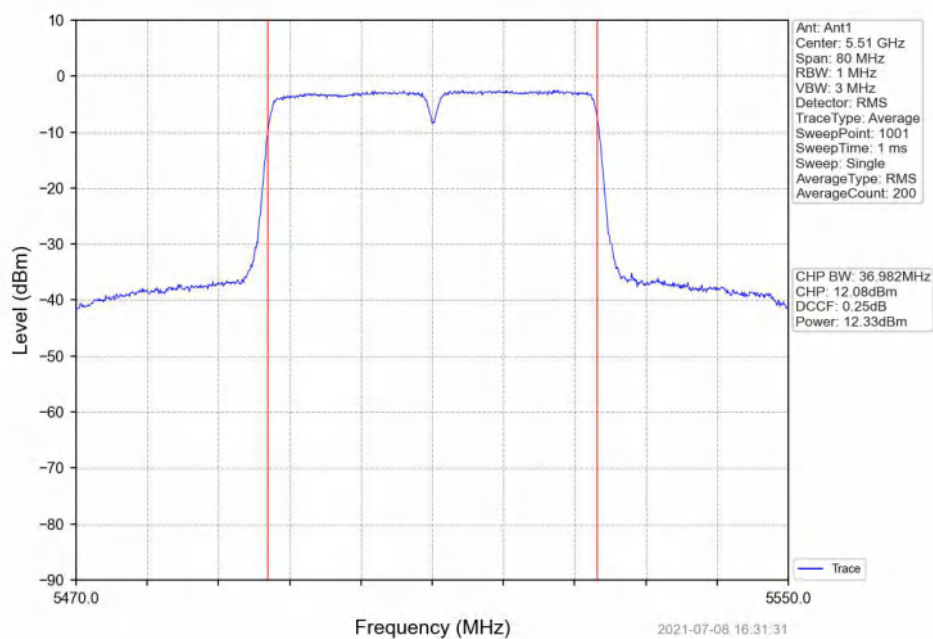
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

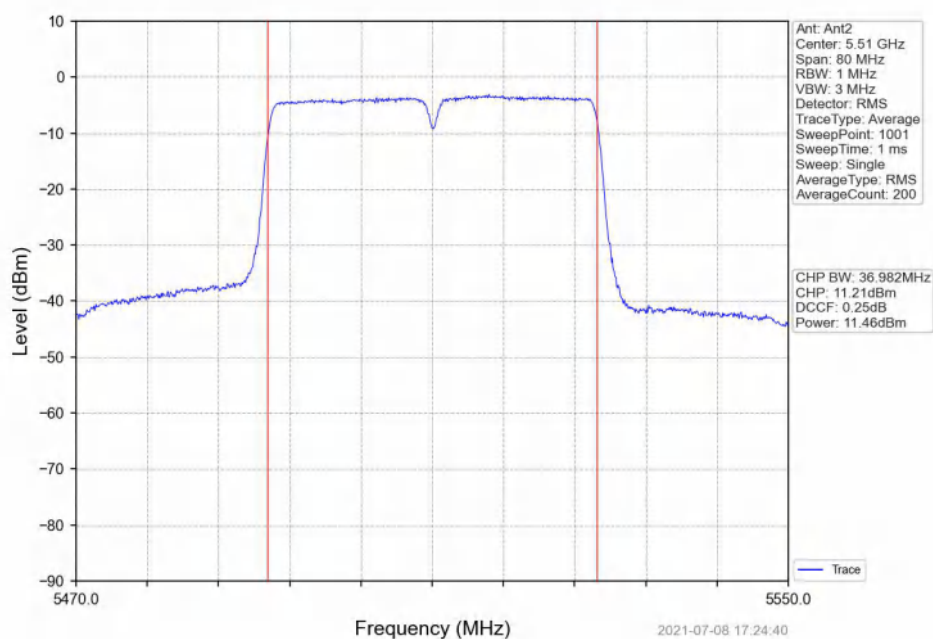
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



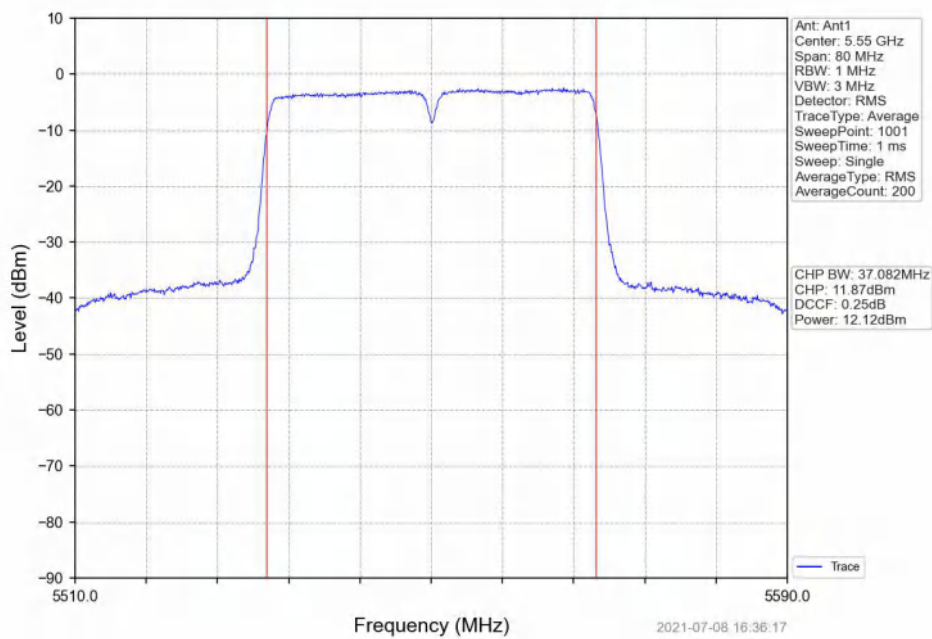
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

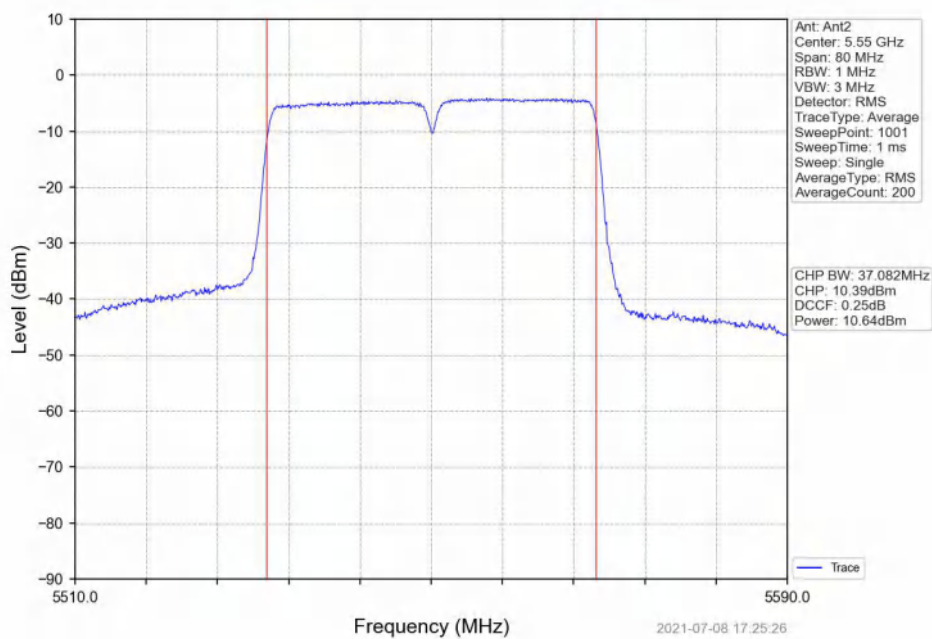
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

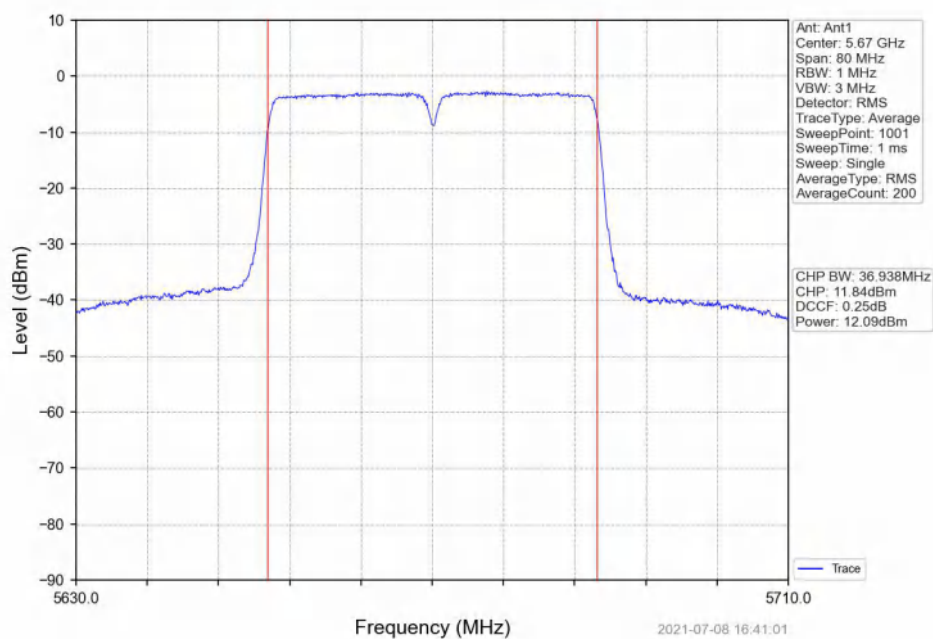


Hotline

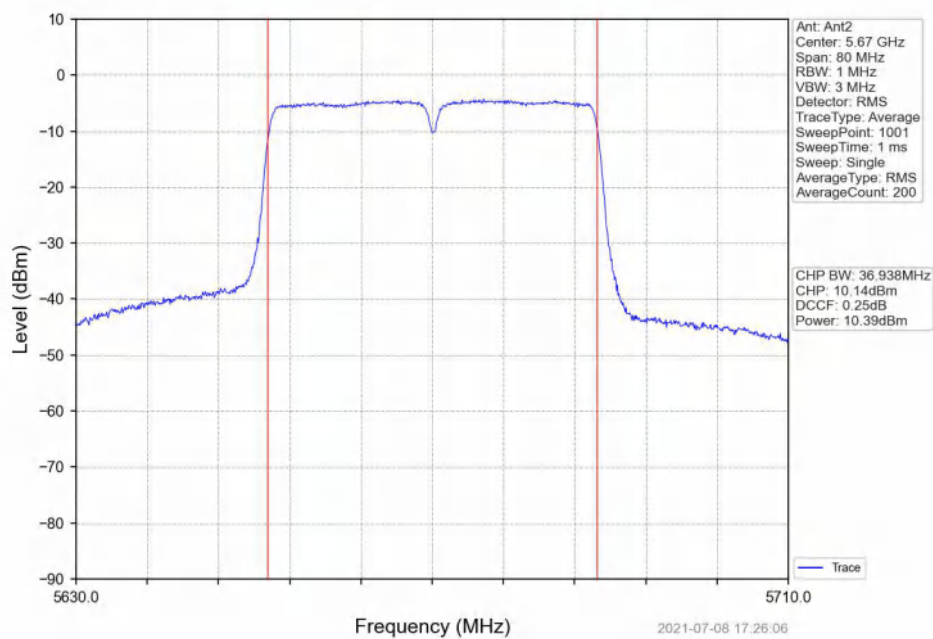
400-003-0500

www.anbotek.com

802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

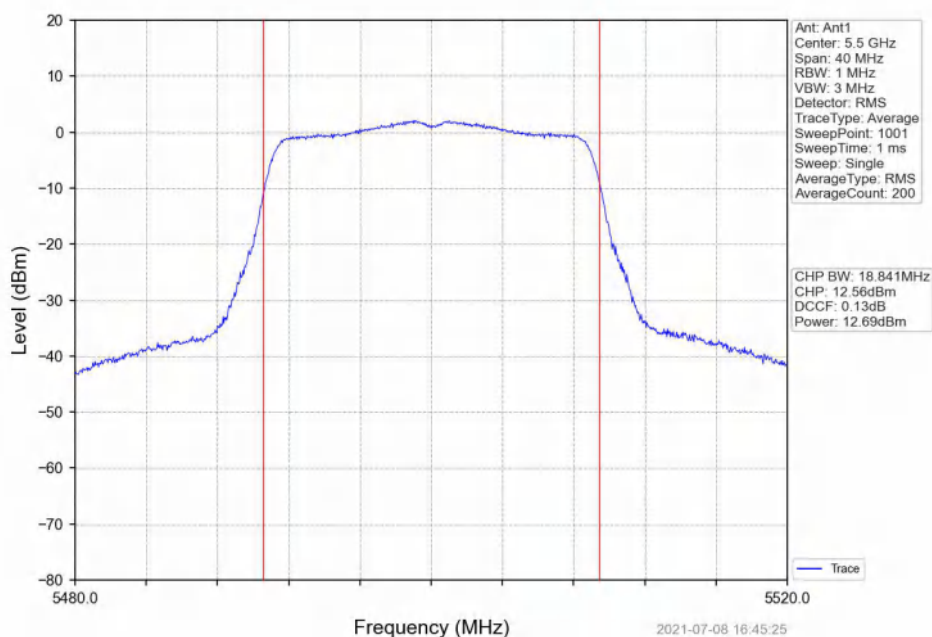


Hotline

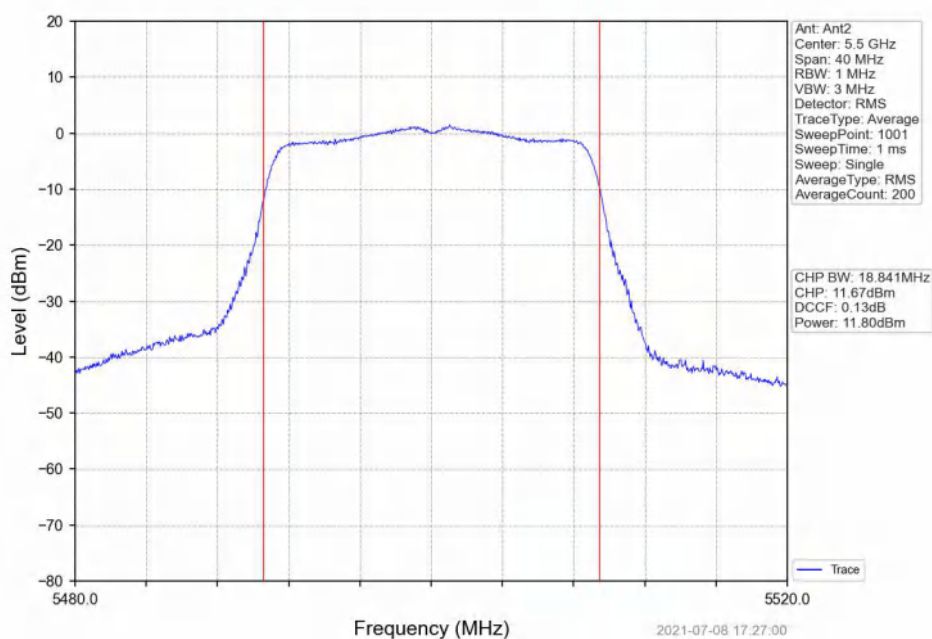
400-003-0500

www.anbotek.com

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



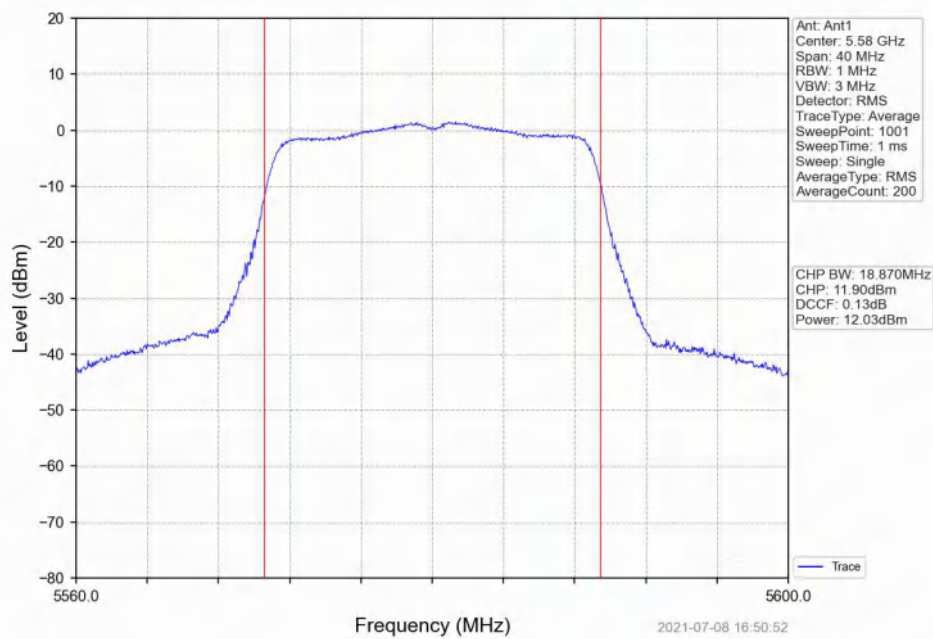
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

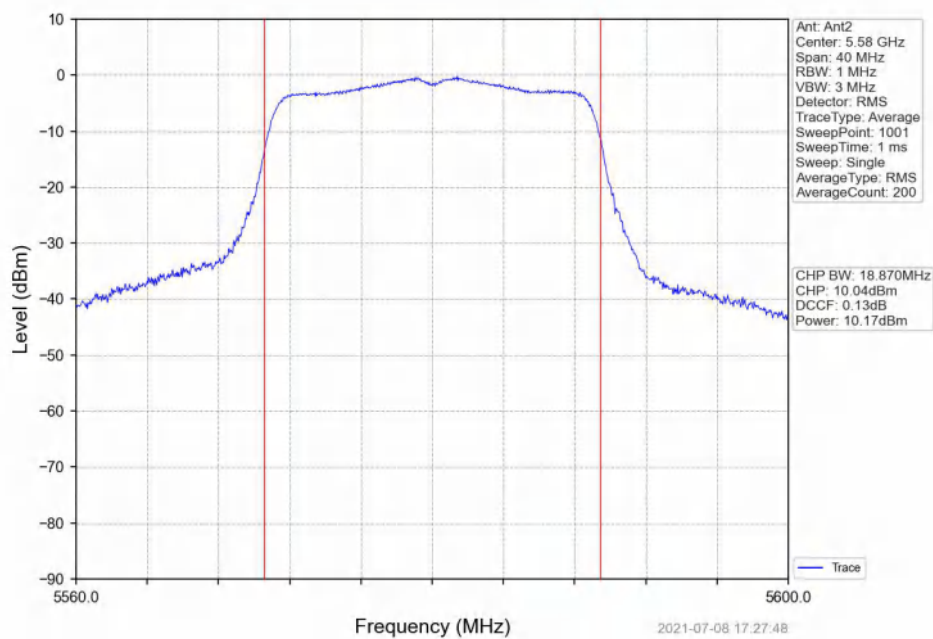
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

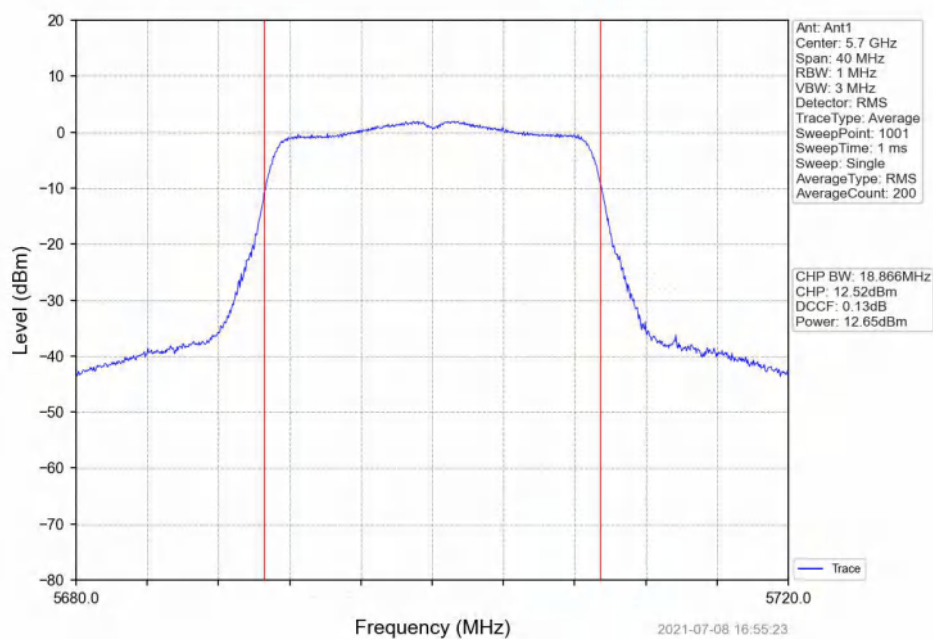
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



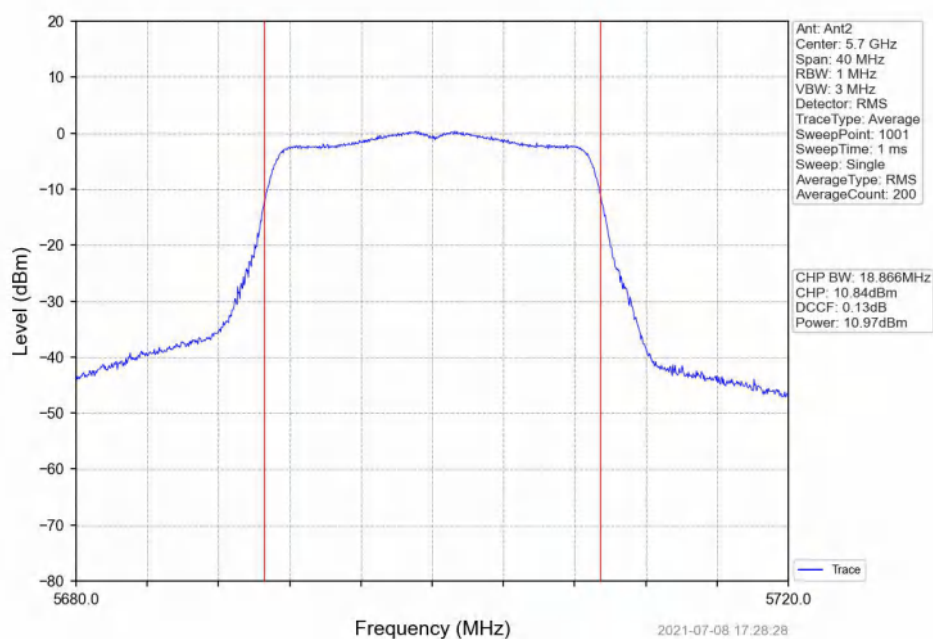
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

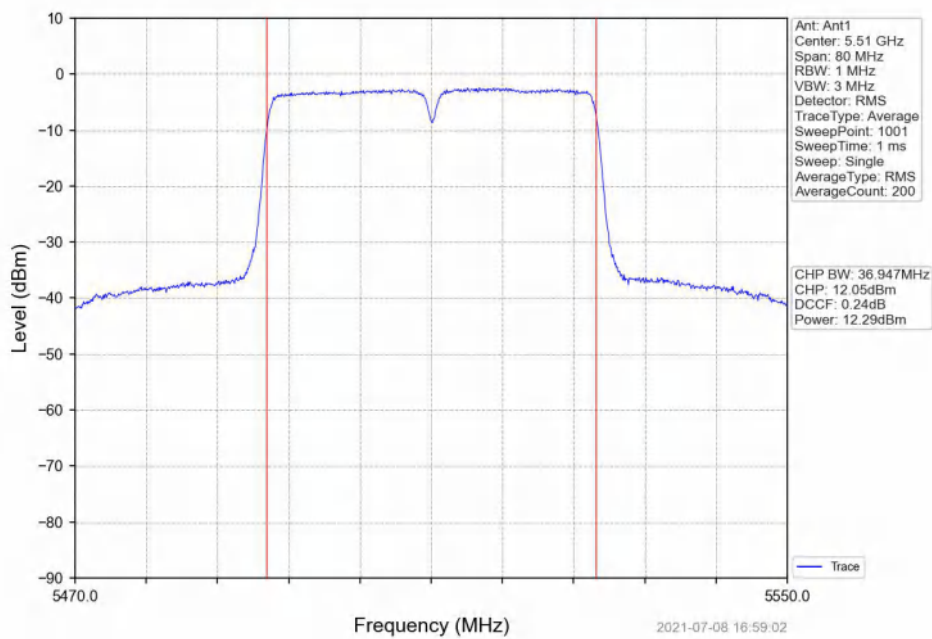


Hotline

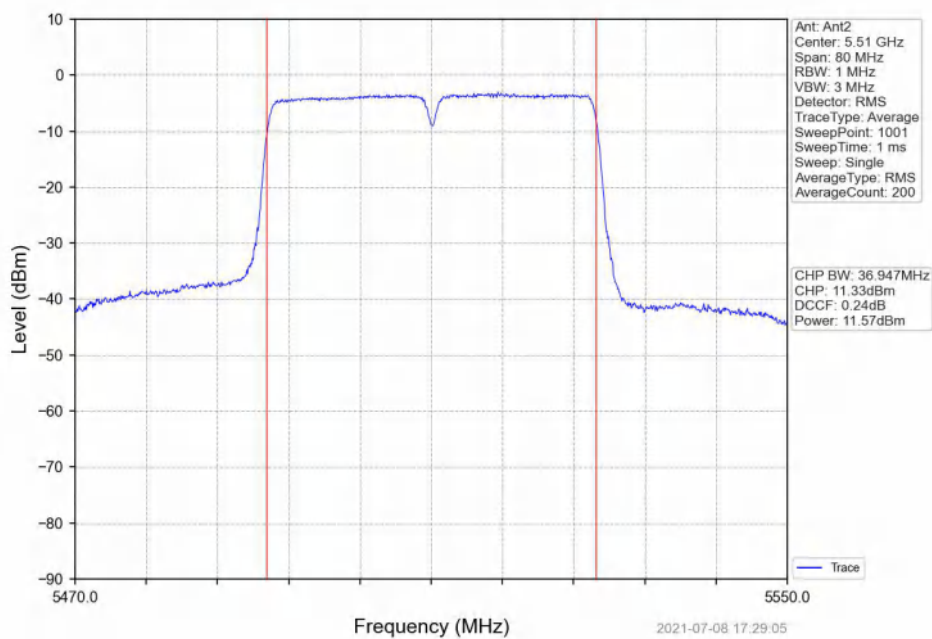
400-003-0500

www.anbotek.com

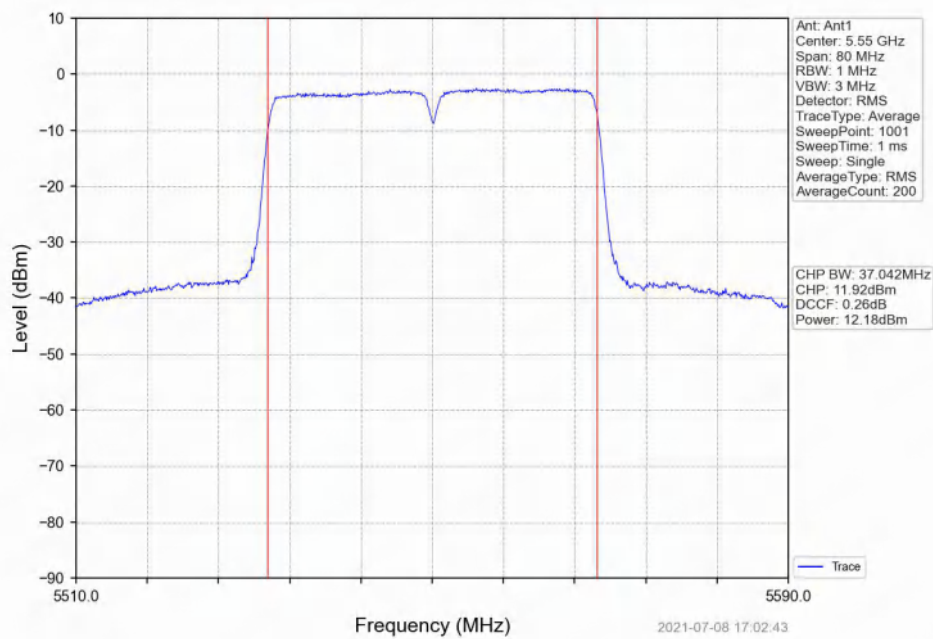
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



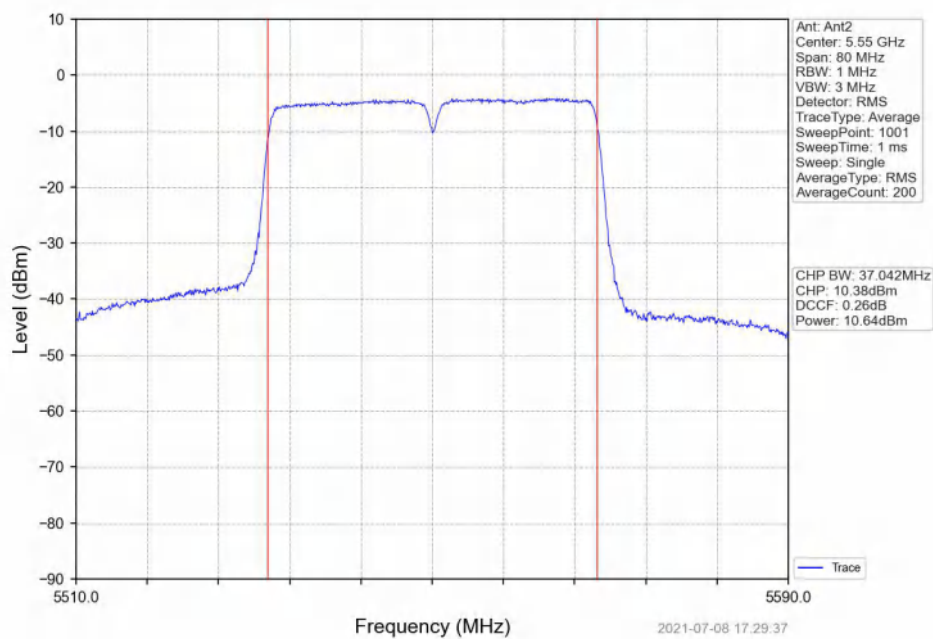
802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



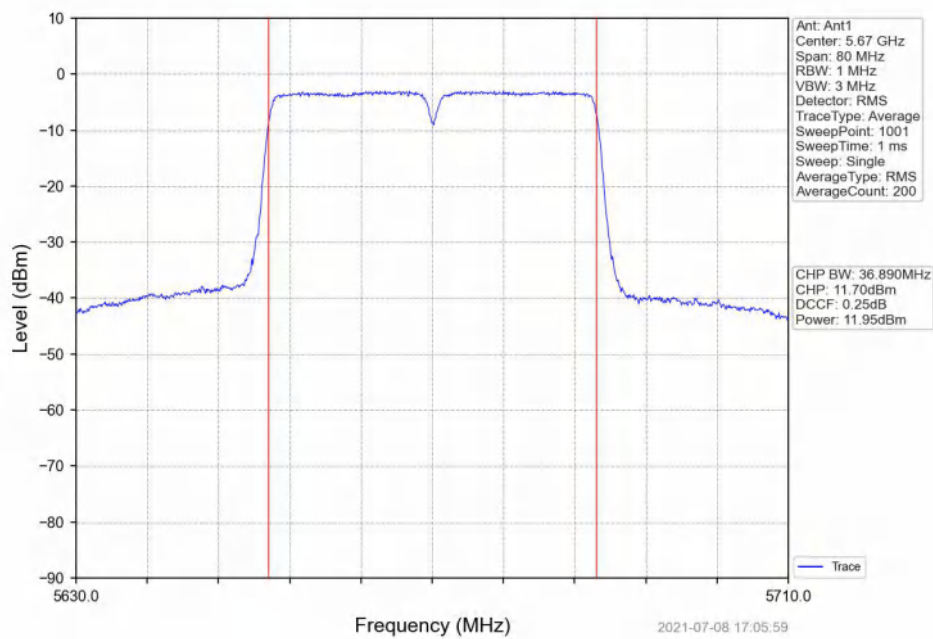
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



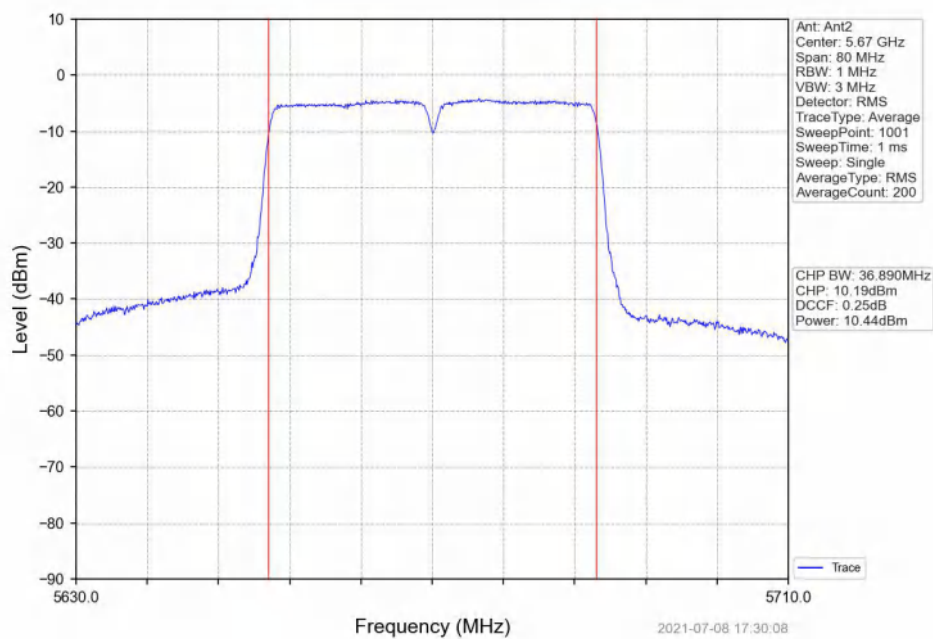
802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

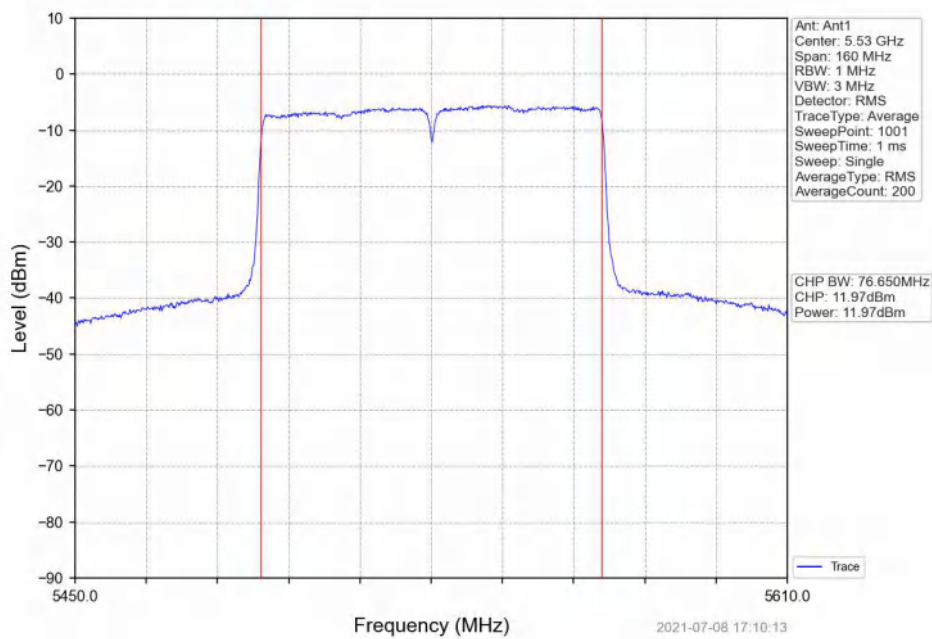


Hotline

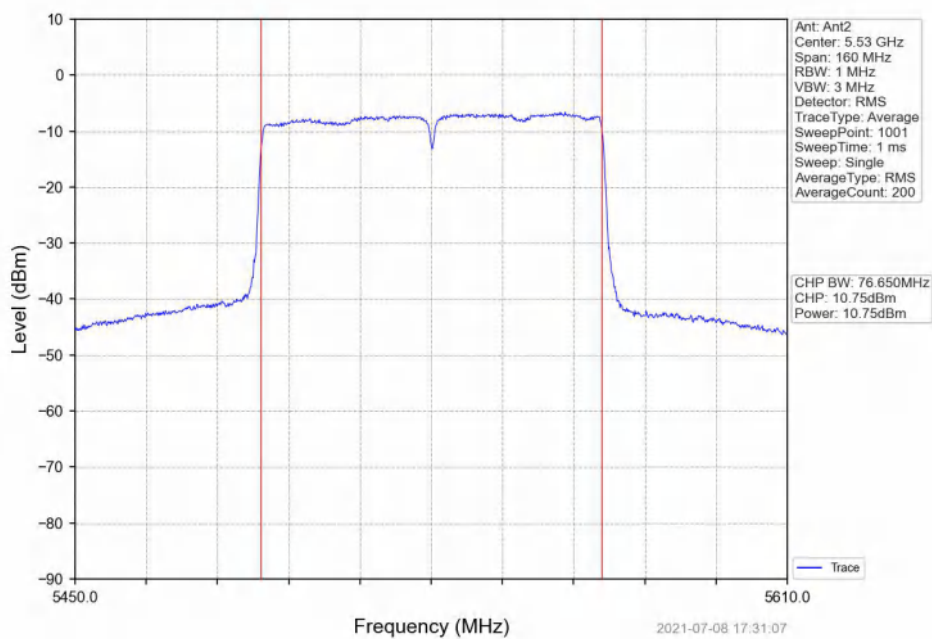
400-003-0500

www.anbotek.com

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com



Hotline

400-003-0500

www.anbotech.com

4. Maximum Power Spectral Density

4.1 PSD

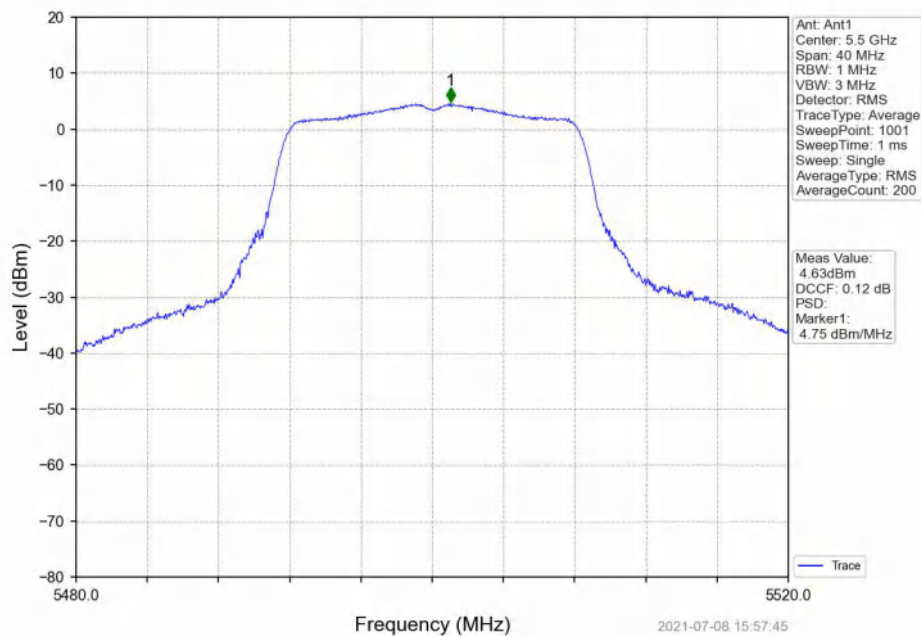
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	Sum	Limit	
802.11a	SISO	5500	4.75	4.14	/	<=11	Pass
		5580	4.22	2.48	/	<=11	Pass
		5700	5.02	3.15	/	<=11	Pass
802.11n (HT20)	MIMO	5500	4.54	1.33	6.15	<=11	Pass
		5580	3.87	-0.19	5.21	<=11	Pass
		5700	2.31	0.55	4.45	<=11	Pass
802.11n (HT40)	MIMO	5510	-2.19	-2.98	0.31	<=11	Pass
		5550	-2.30	-3.84	-0.06	<=11	Pass
		5670	-2.68	-4.08	-0.38	<=11	Pass
802.11ac (VHT20)	MIMO	5500	2.44	1.40	4.85	<=11	Pass
		5580	1.66	-0.18	3.76	<=11	Pass
		5700	2.25	0.55	4.43	<=11	Pass
802.11ac (VHT40)	MIMO	5510	-2.13	-2.94	0.44	<=11	Pass
		5550	-2.40	-3.79	-0.15	<=11	Pass
		5670	-2.59	-4.18	-0.39	<=11	Pass
802.11ac (VHT80)	MIMO	5530	-5.72	-6.68	-3.22	<=11	Pass

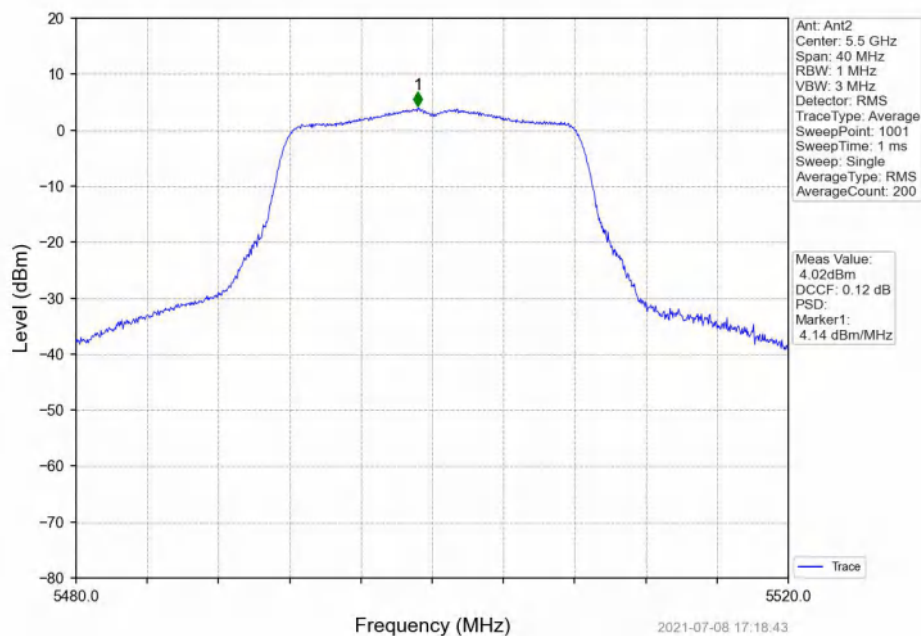
Note1: Antenna Gain: Ant1: 1.83dBi; Ant2: 1.61dBi;

Test Graph

802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV

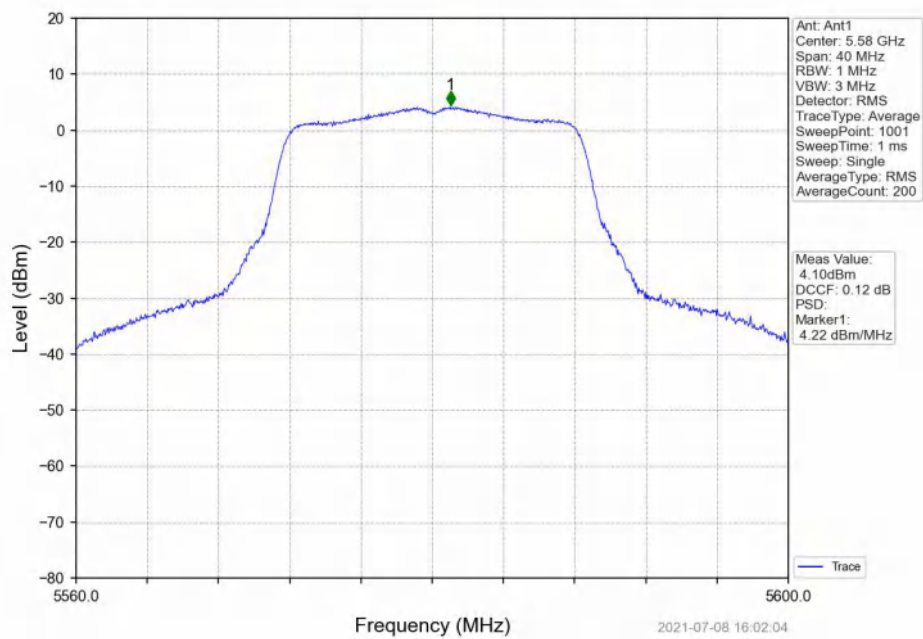


Shenzhen Anbotech Compliance Laboratory Limited

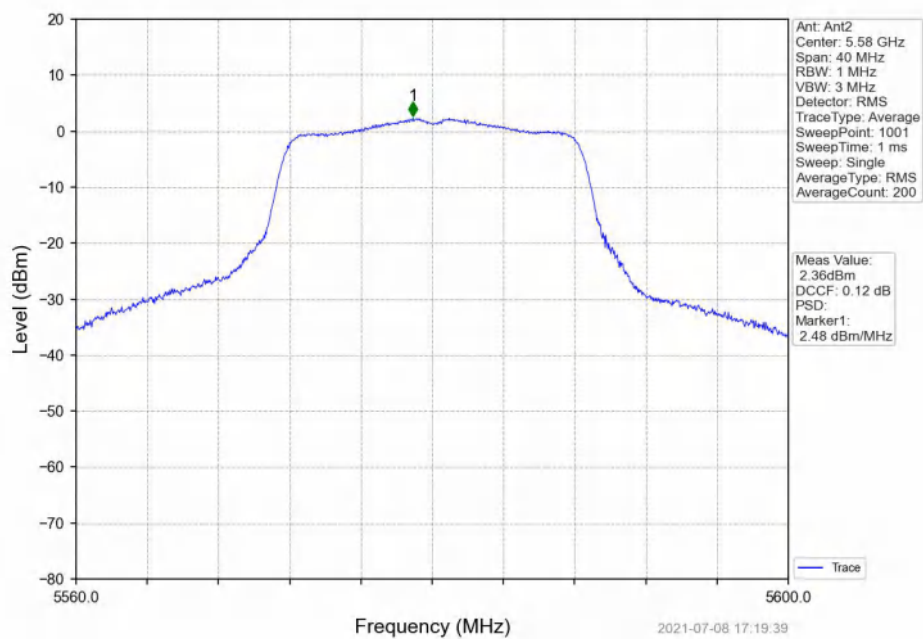
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

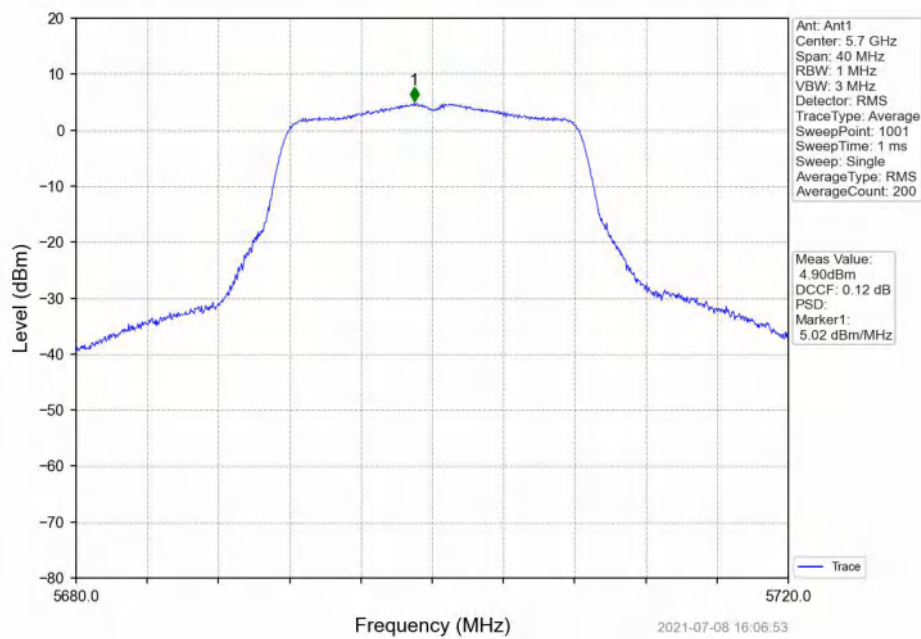


Hotline

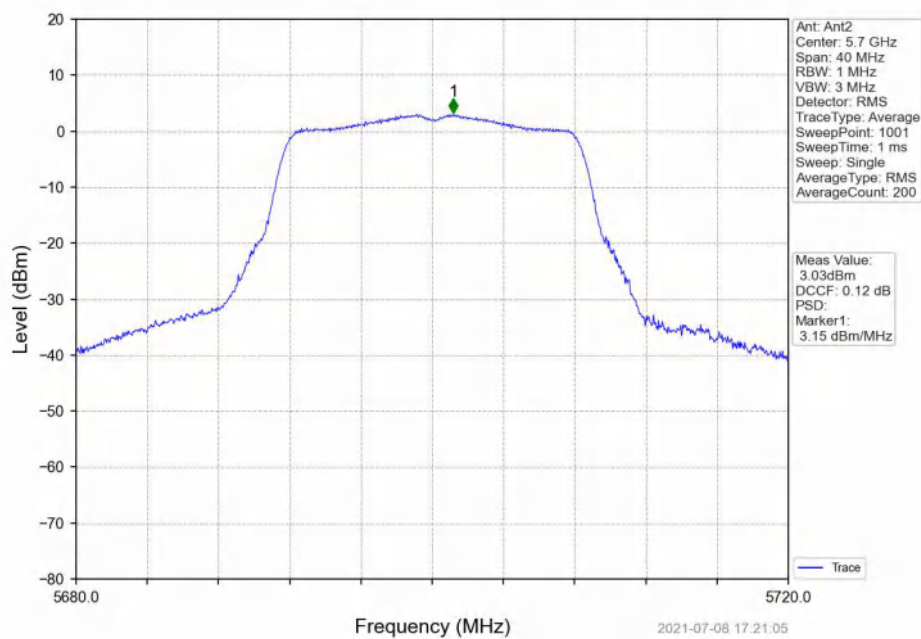
400-003-0500

www.anbotek.com

802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant2_NTNV



Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

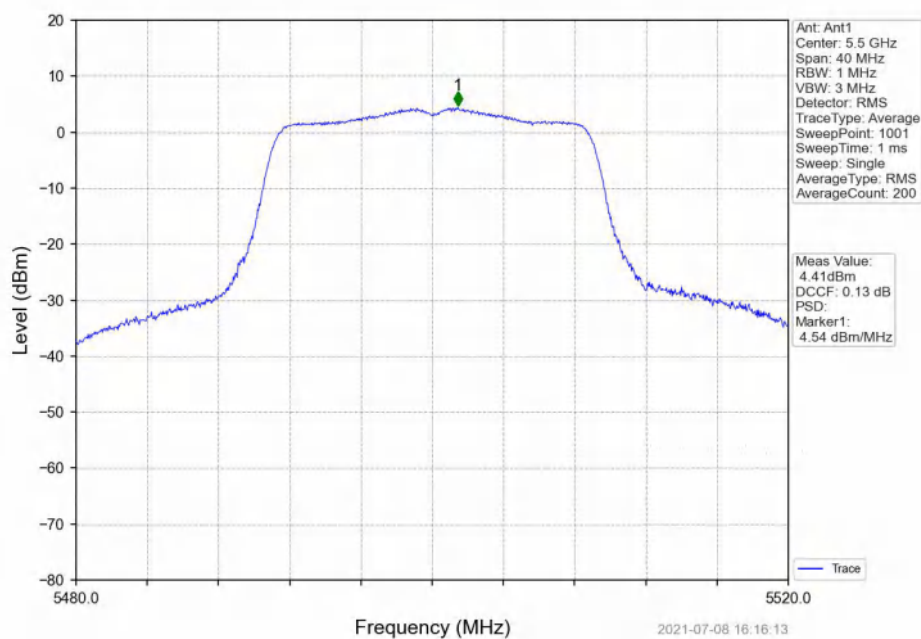


Hotline

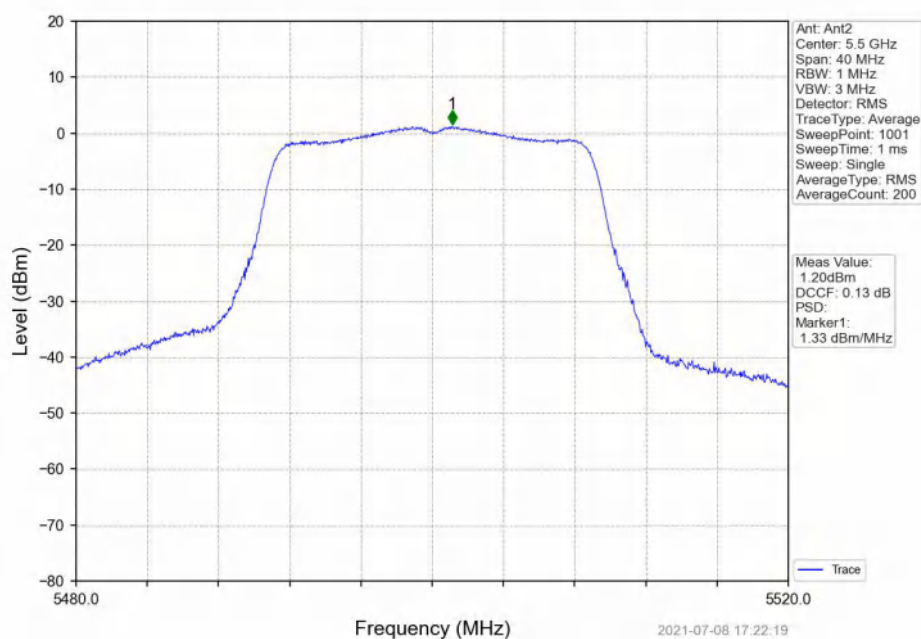
400-003-0500

www.anbotech.com

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



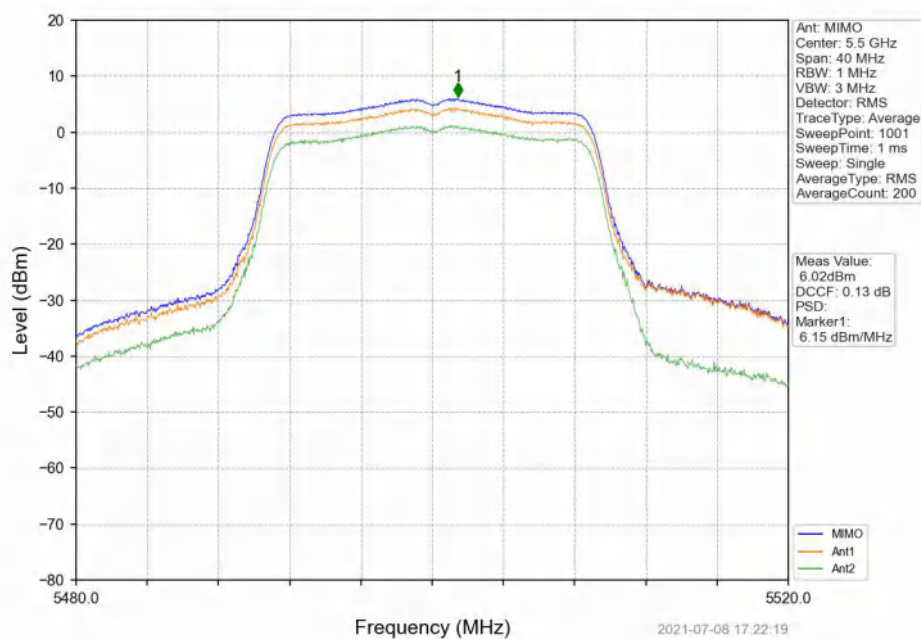
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

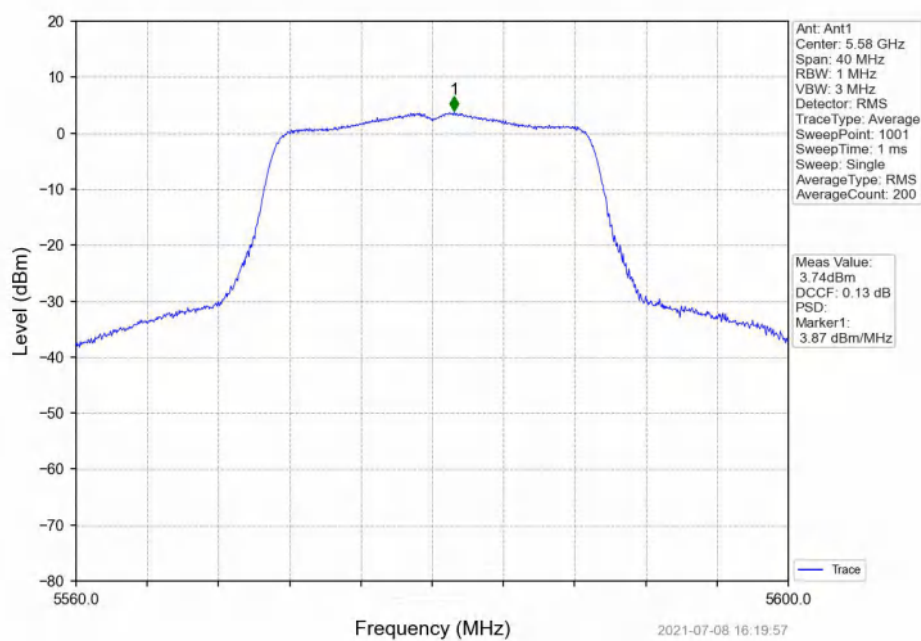
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

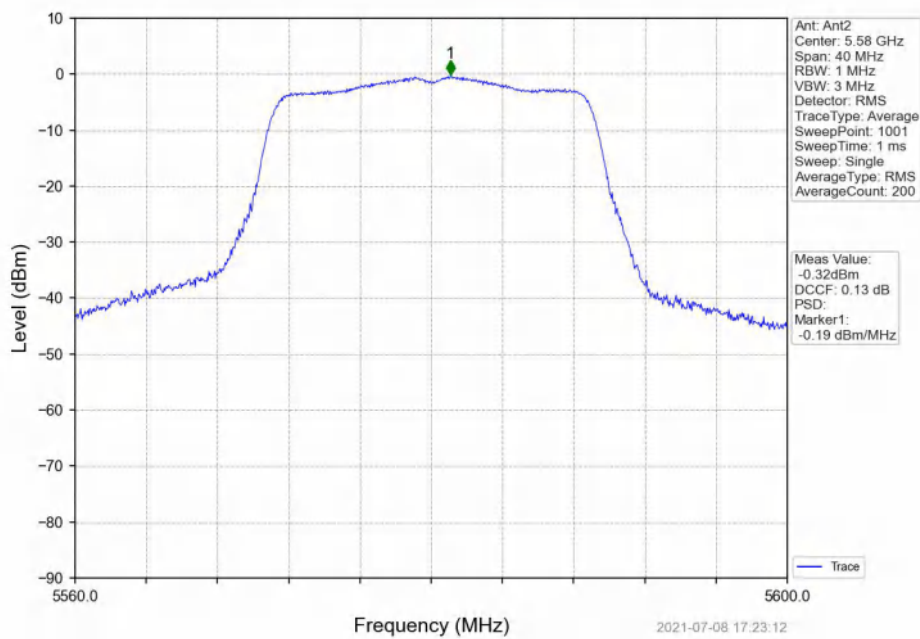
802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



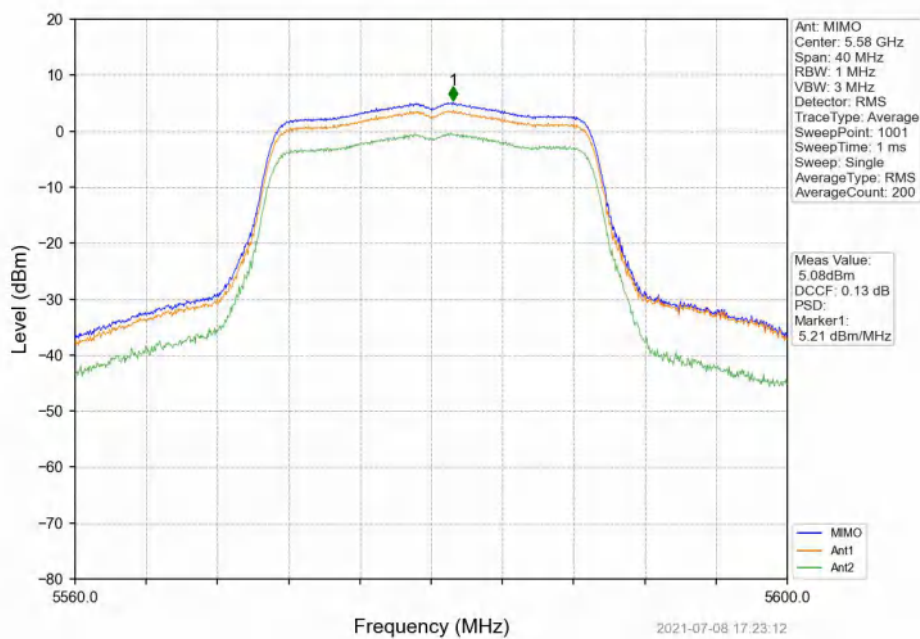
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



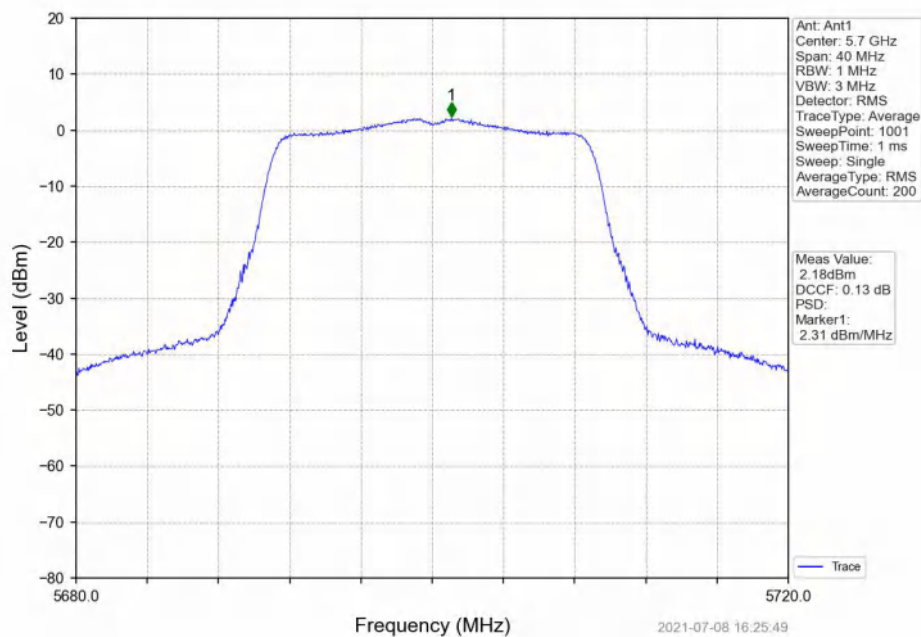
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



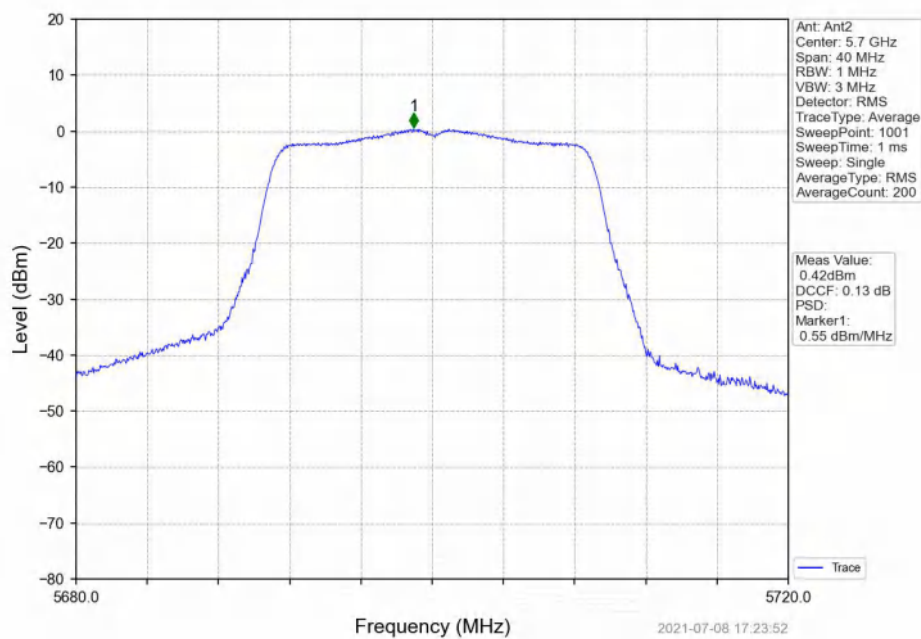
802.11n(HT20)_MCH_5580MHz_MIMO_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant2_NTNV

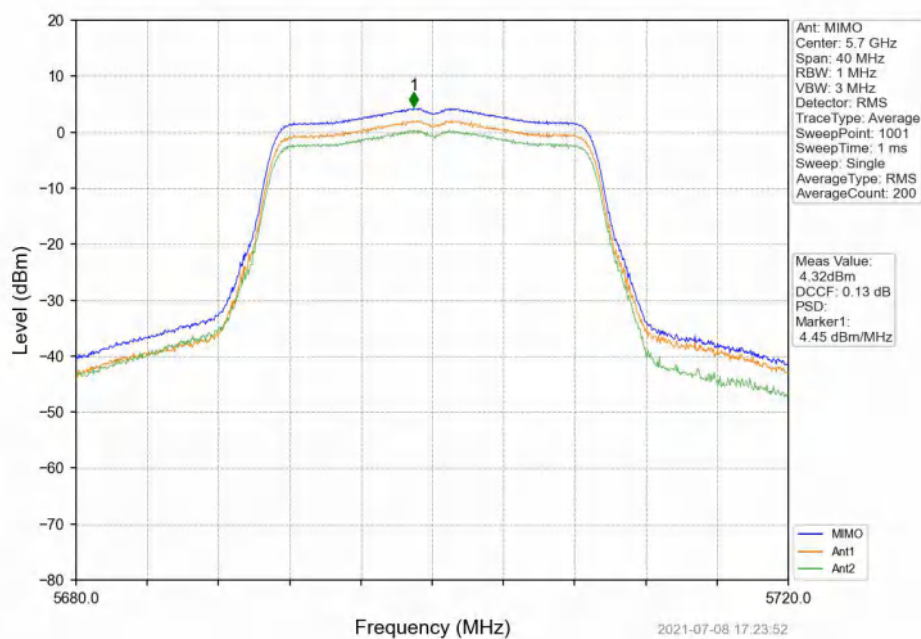
**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

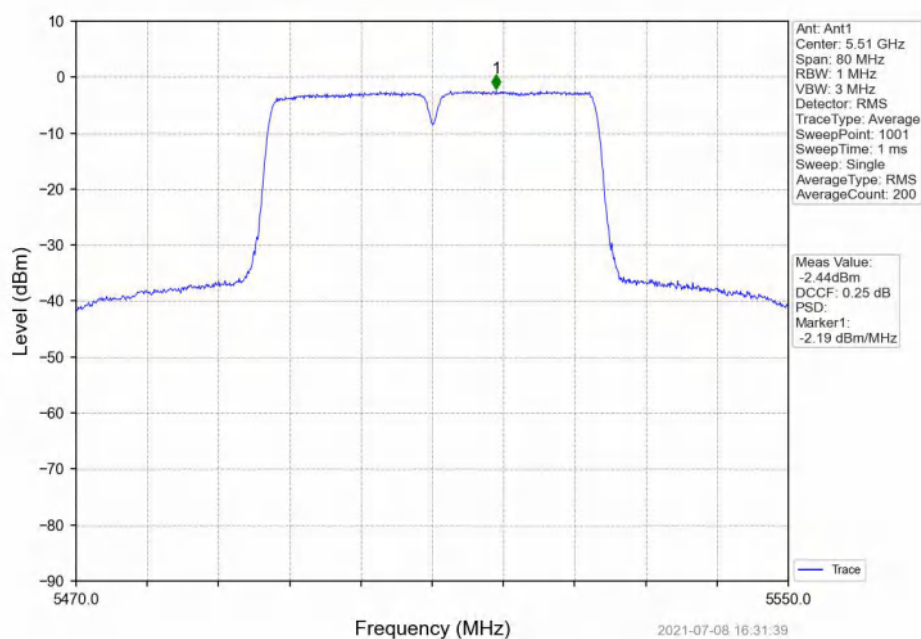


Hotline
400-003-0500
www.anbotek.com

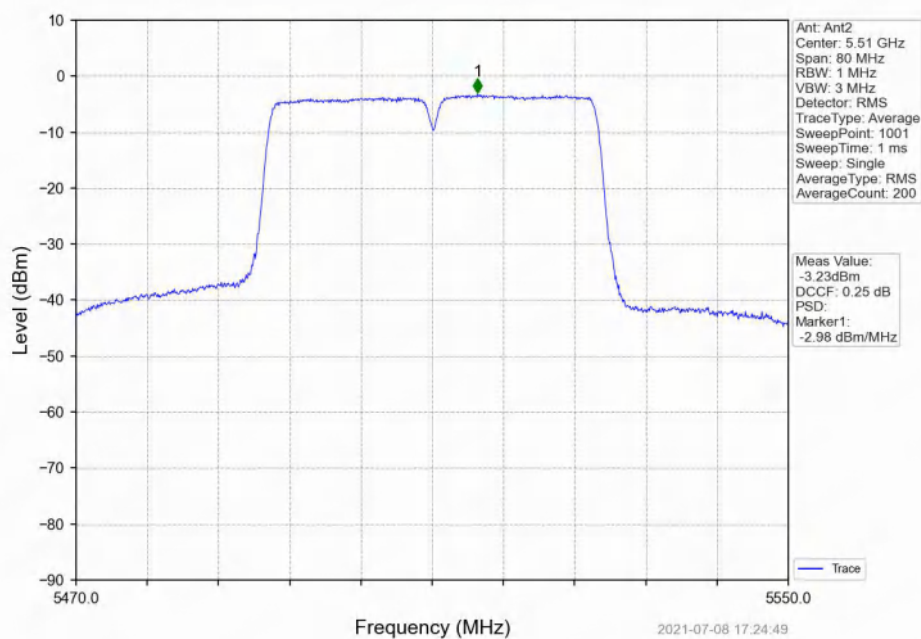
802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



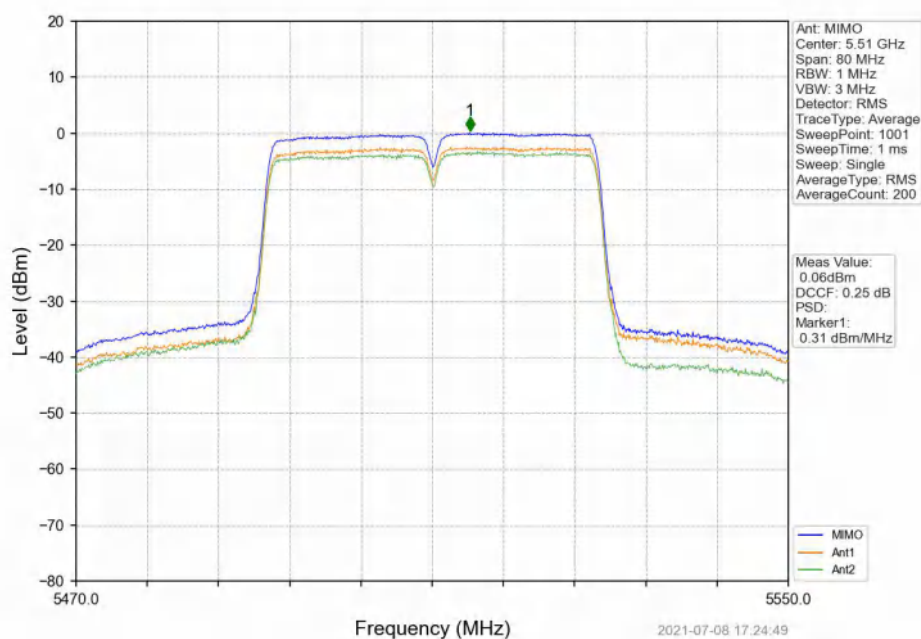
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



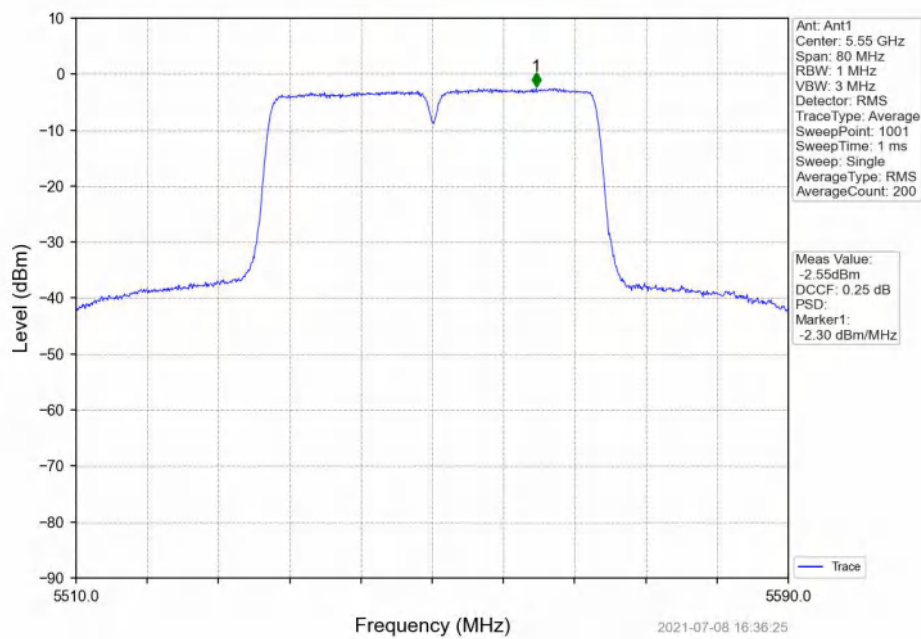
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



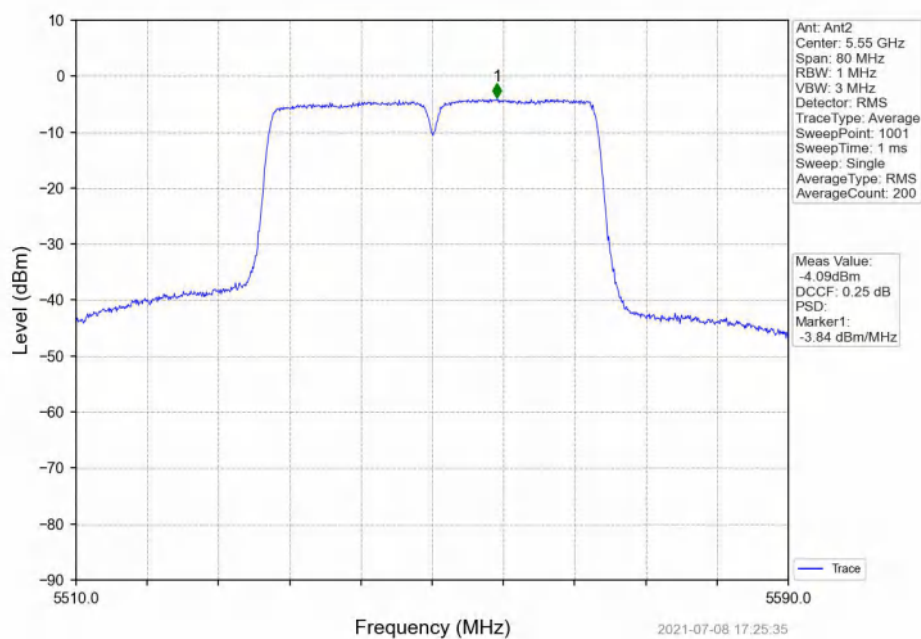
802.11n(HT40)_LCH_5510MHz_MIMO_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

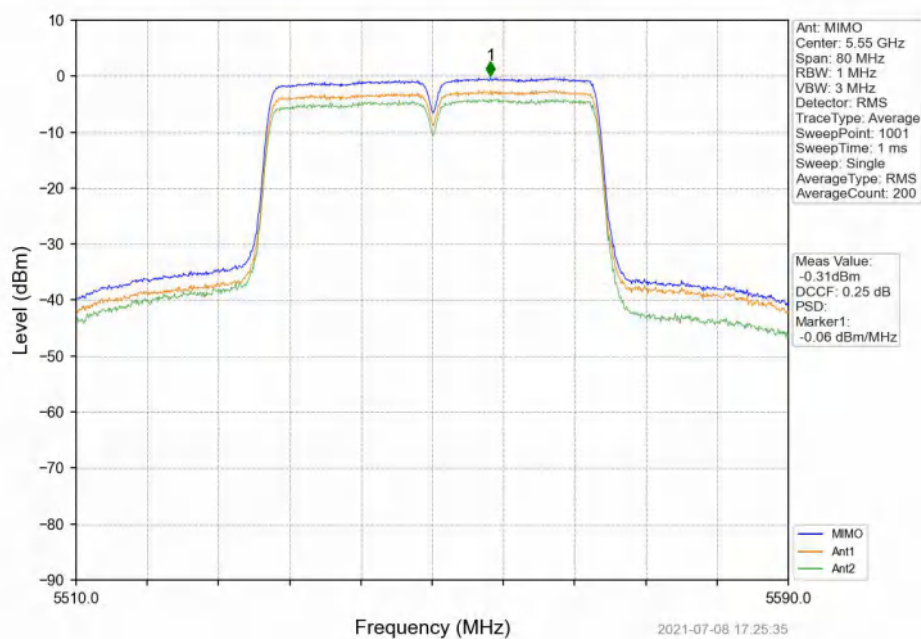


Hotline

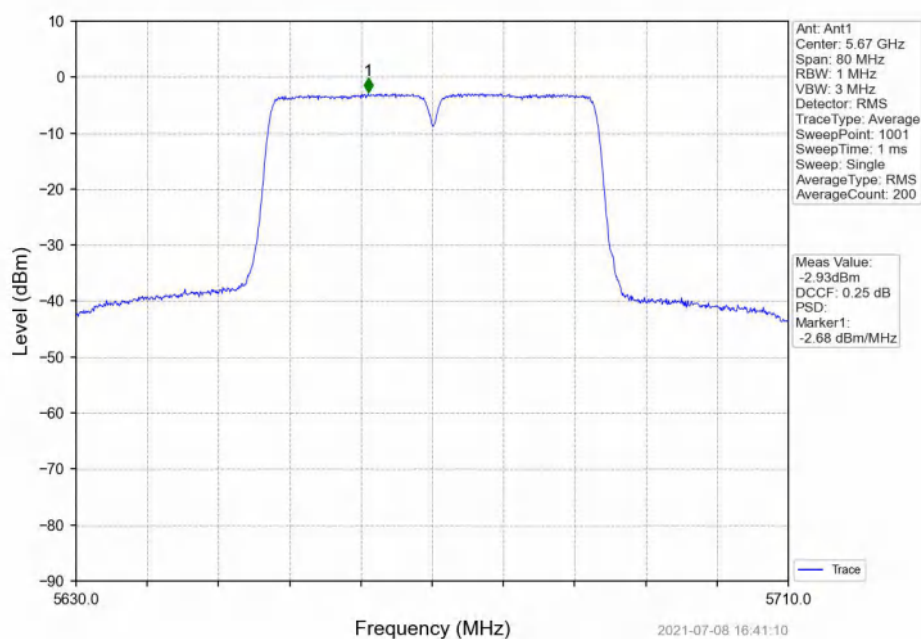
400-003-0500

www.anbotek.com

802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

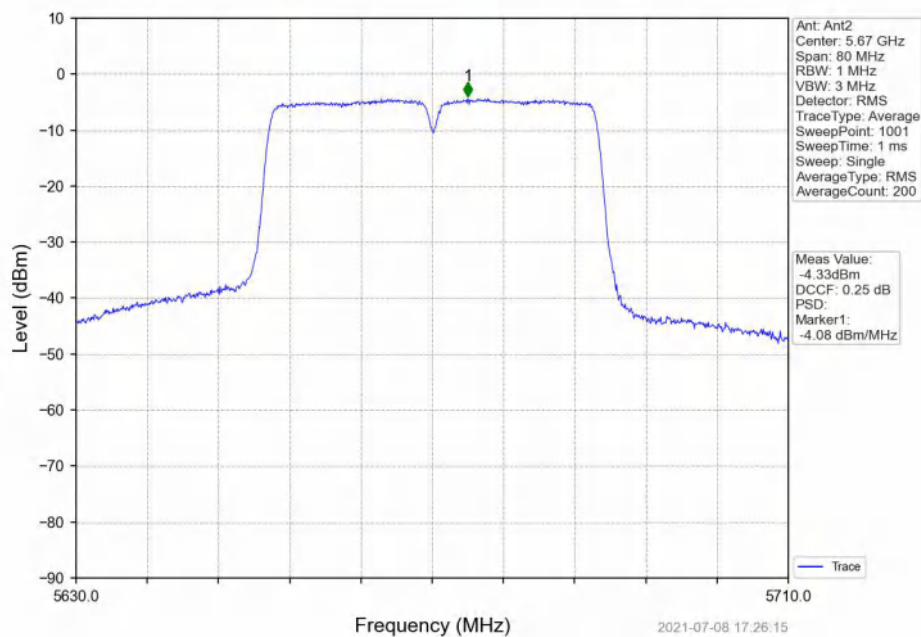


Hotline

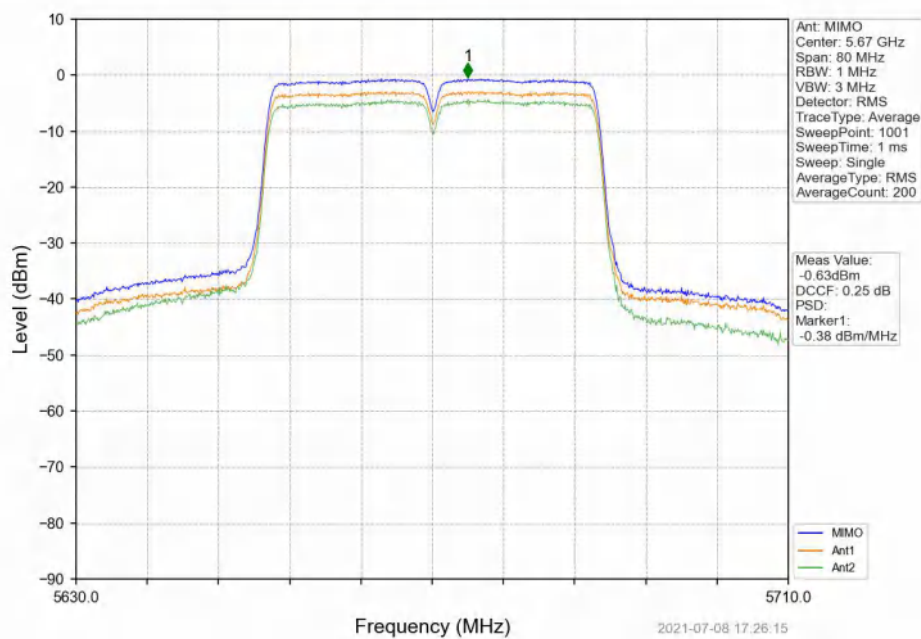
400-003-0500

www.anbotek.com

802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



802.11n(HT40)_HCH_5670MHz_MIMO_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

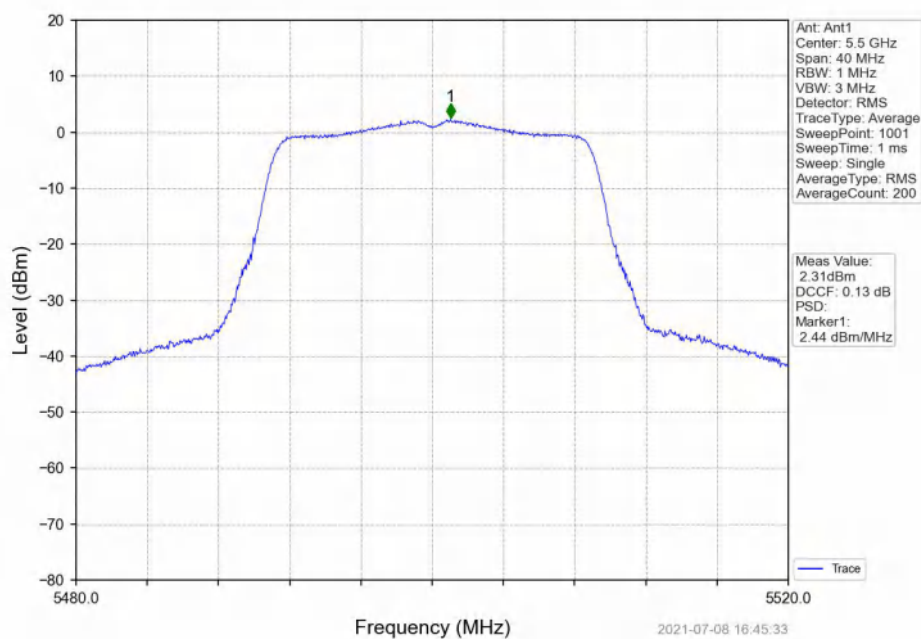


Hotline

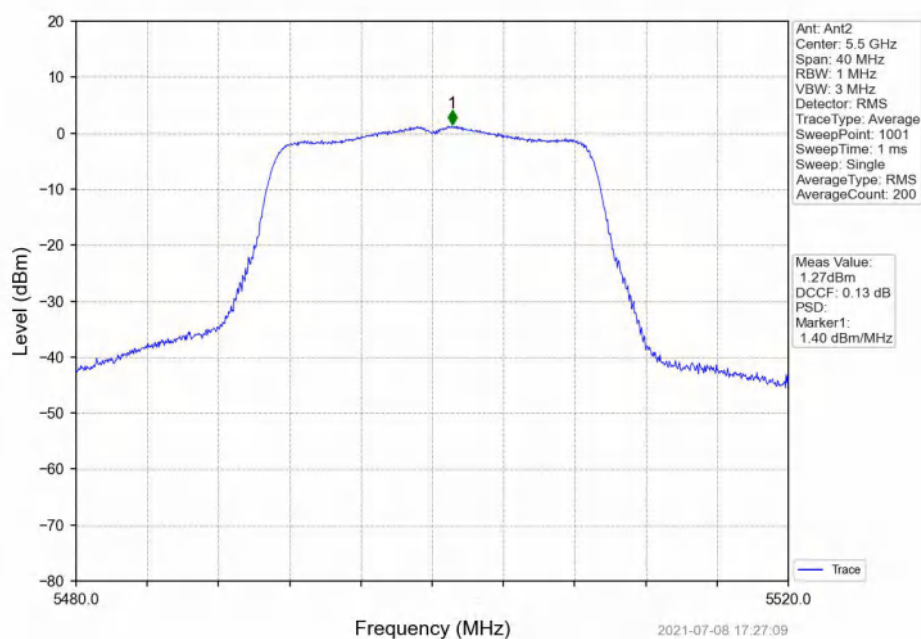
400-003-0500

www.anbotek.com

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

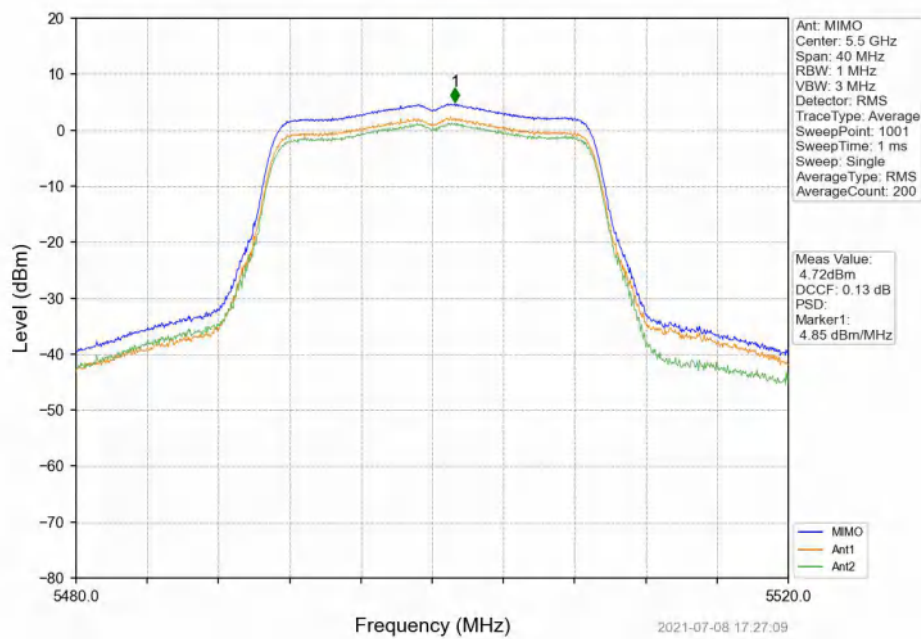


Hotline

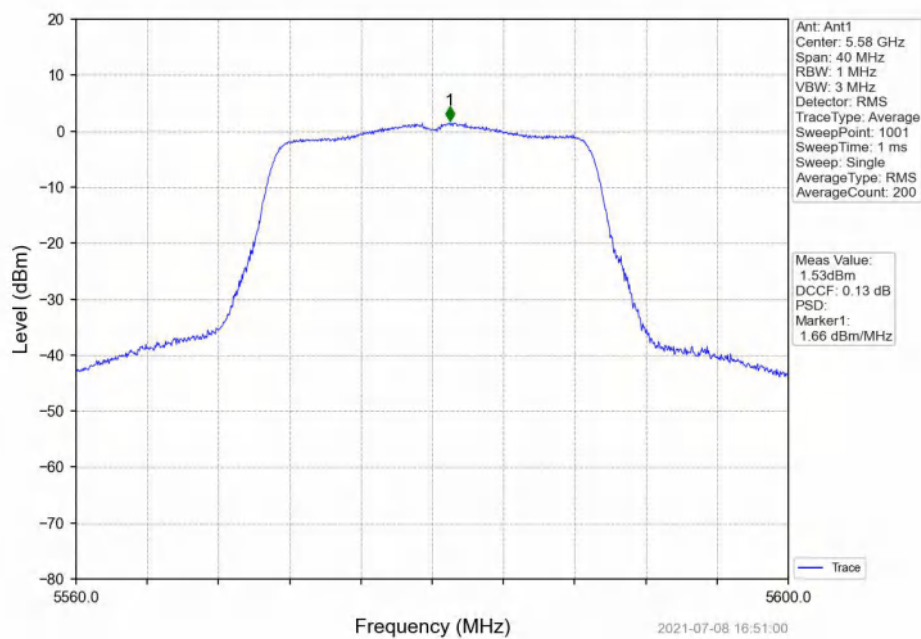
400-003-0500

www.anbotek.com

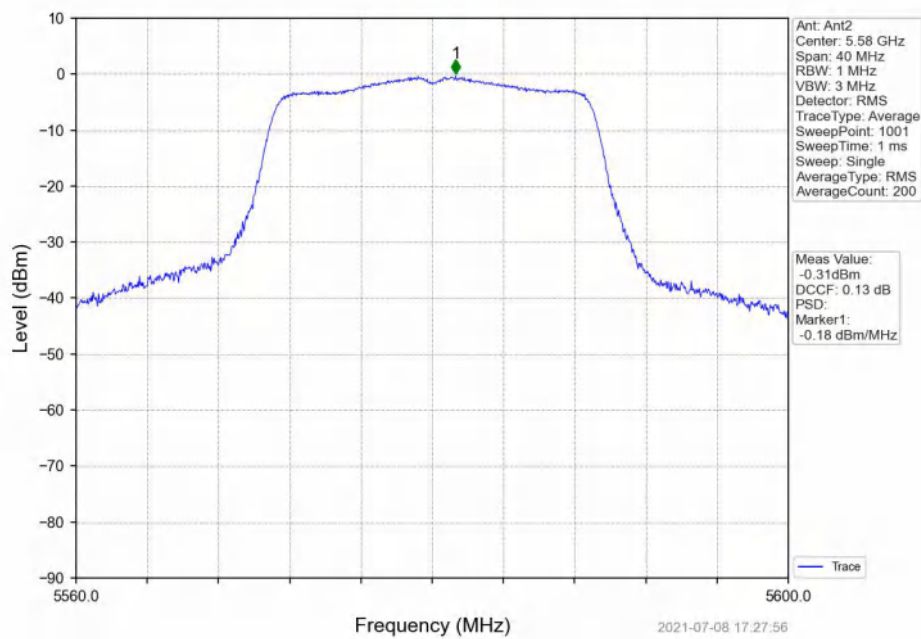
802.11ac(VHT20)_LCH_5500MHz_MIMO_NTNV



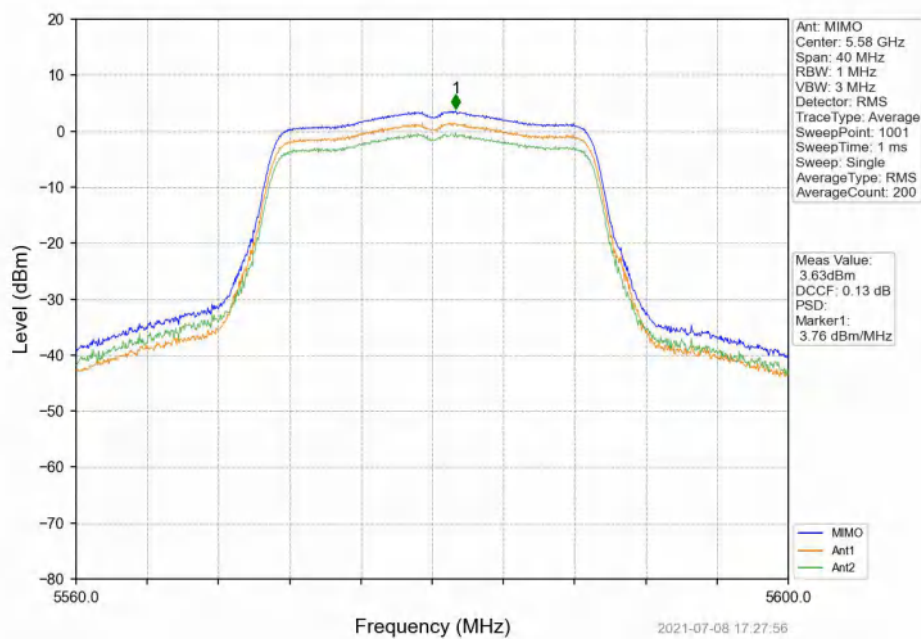
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

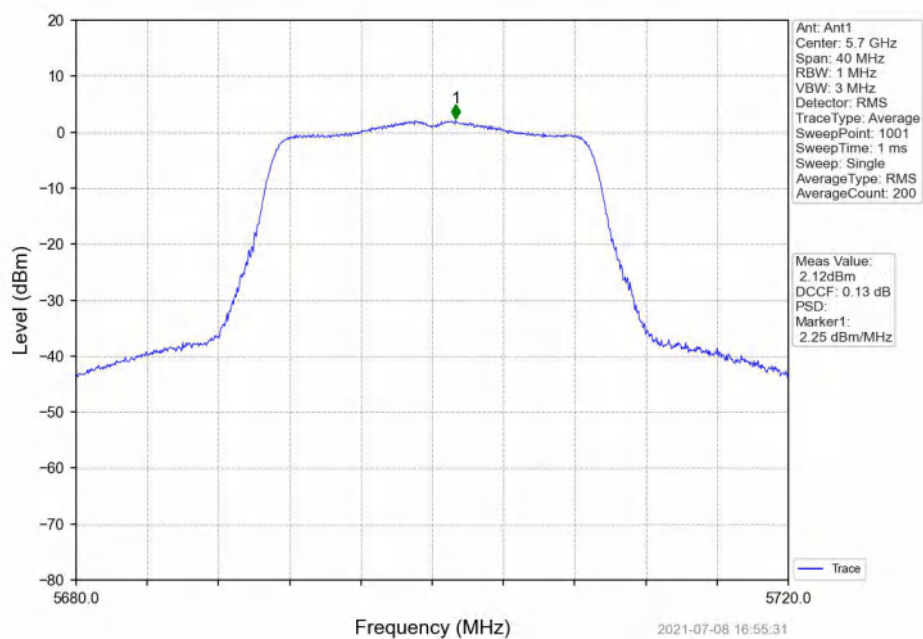


Hotline

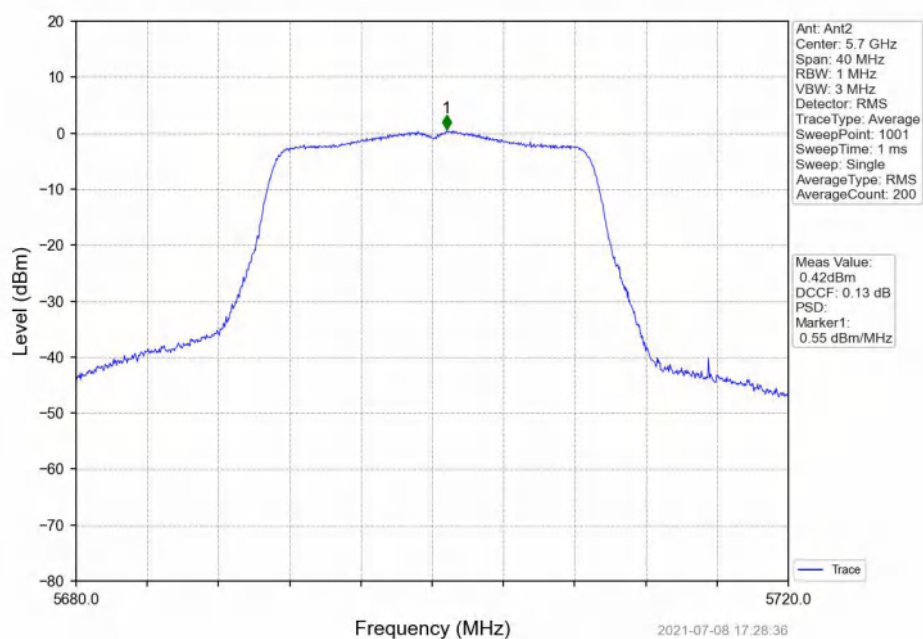
400-003-0500

www.anbotek.com

802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

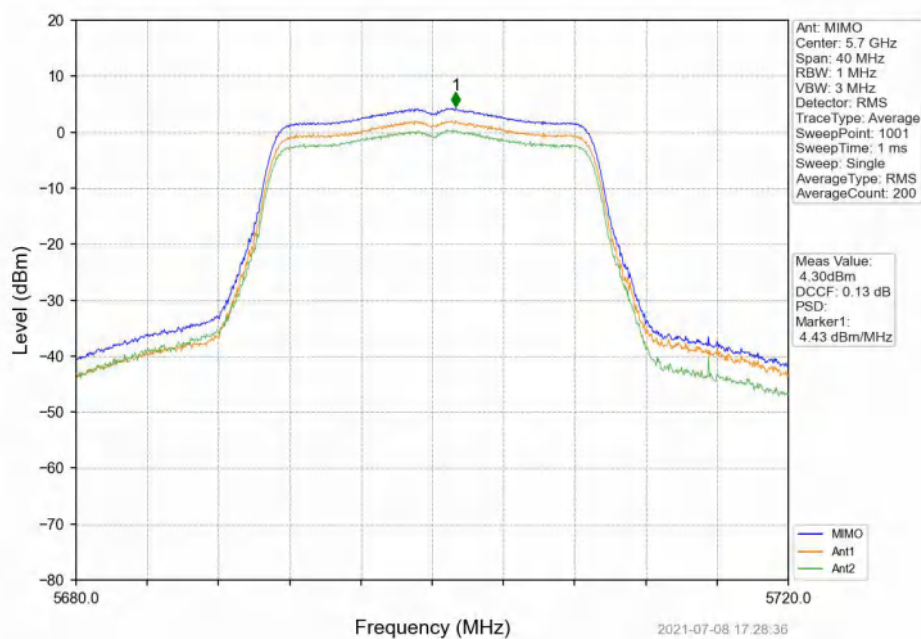


Hotline

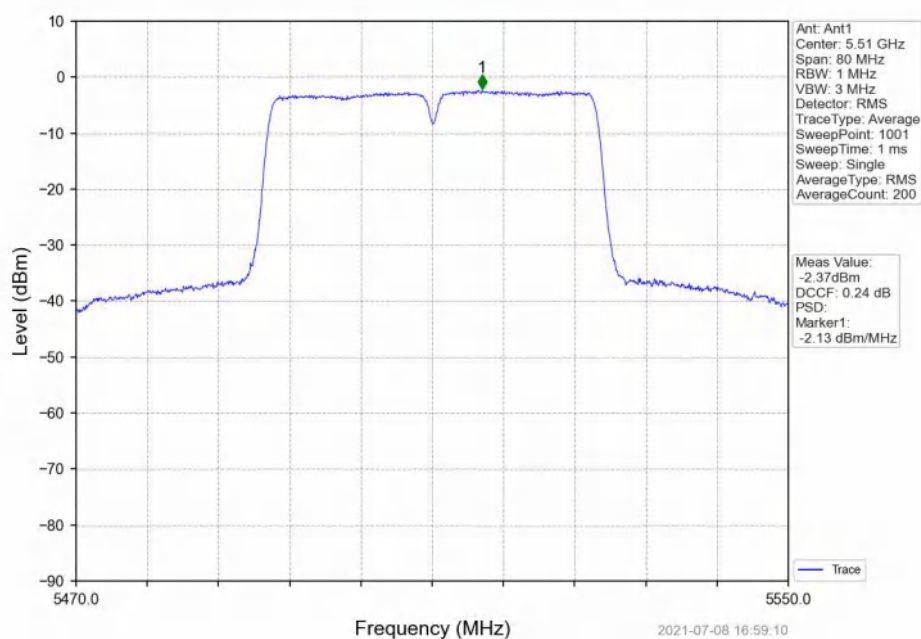
400-003-0500

www.anbotek.com

802.11ac(VHT20)_HCH_5700MHz_MIMO_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

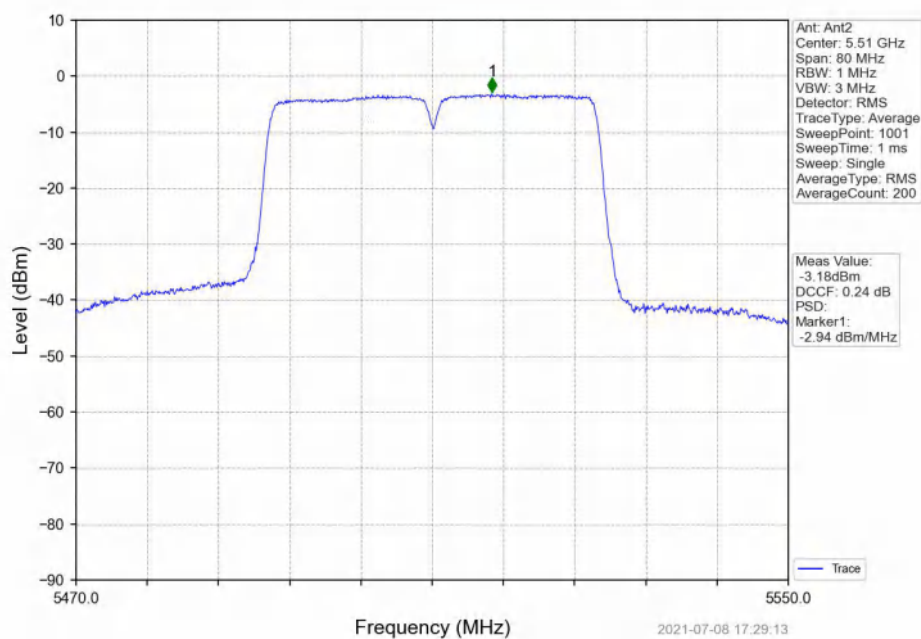


Hotline

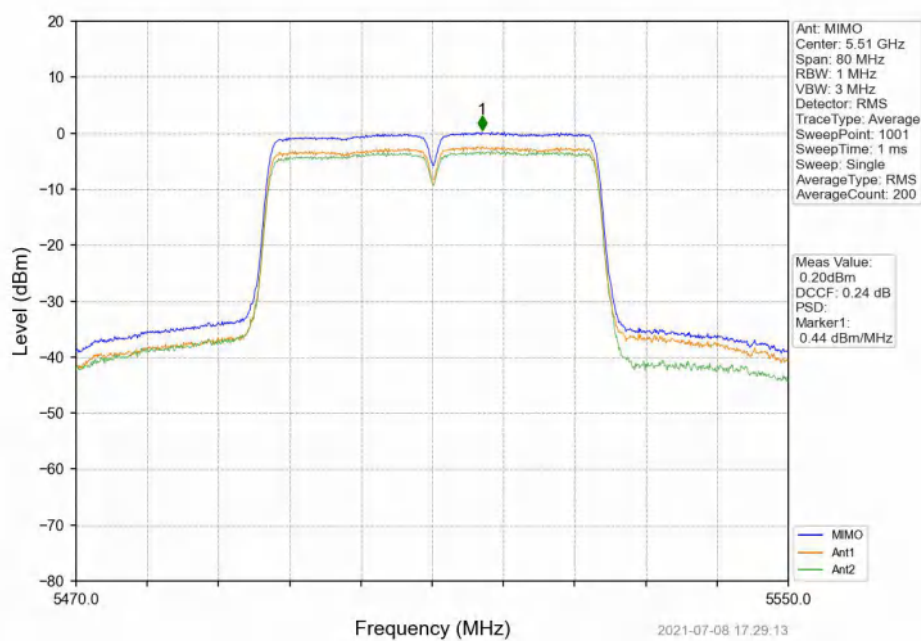
400-003-0500

www.anbotek.com

802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5510MHz_MIMO_NTNV



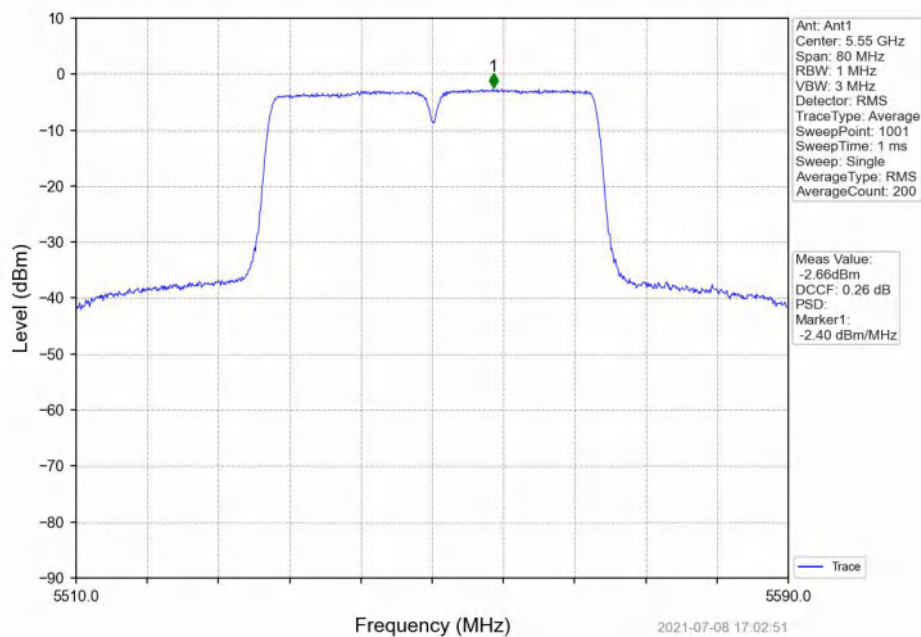
Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

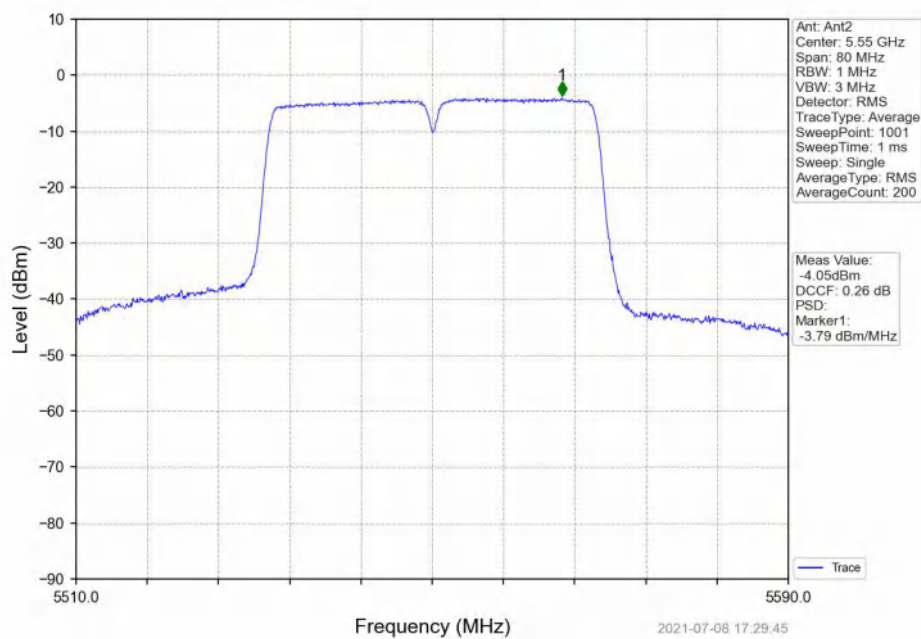
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

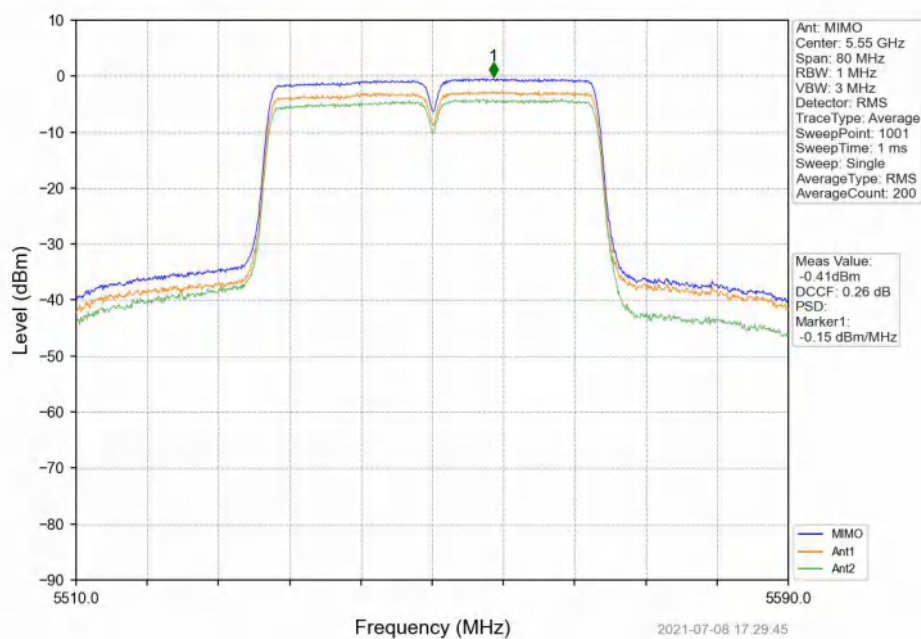


Hotline

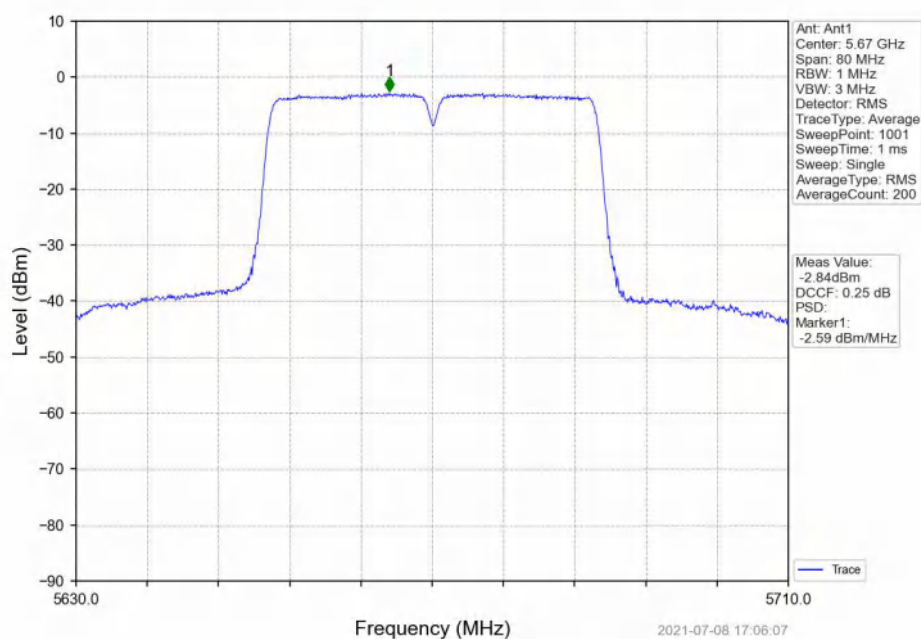
400-003-0500

www.anbotek.com

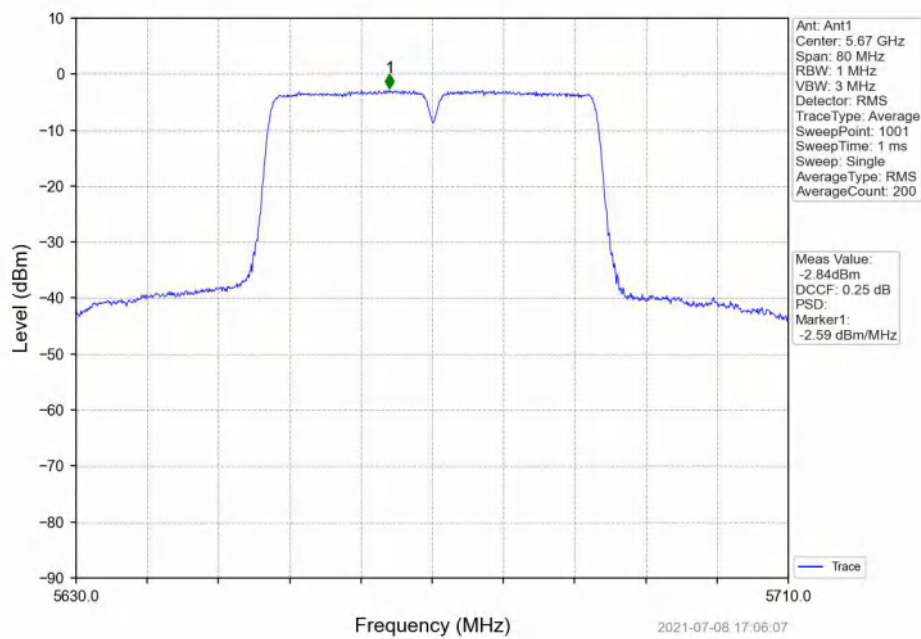
802.11ac(VHT40)_MCH_5550MHz_MIMO_NTNV



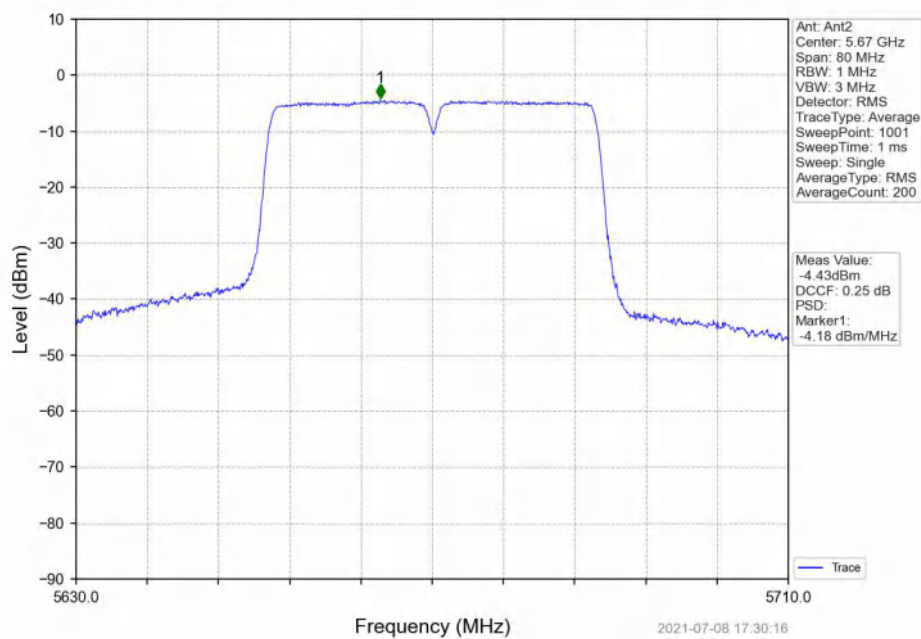
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV

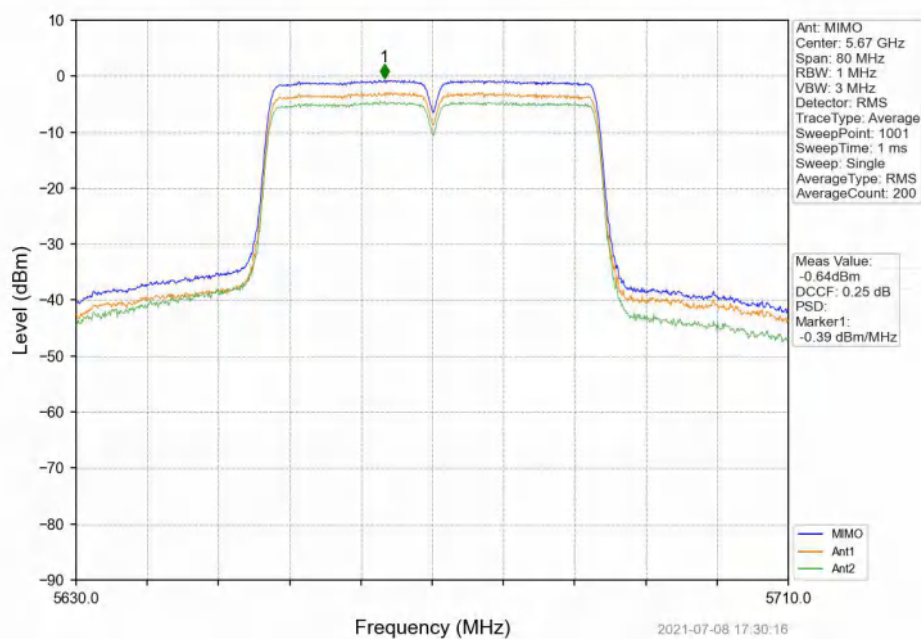


Shenzhen Anbotek Compliance Laboratory Limited

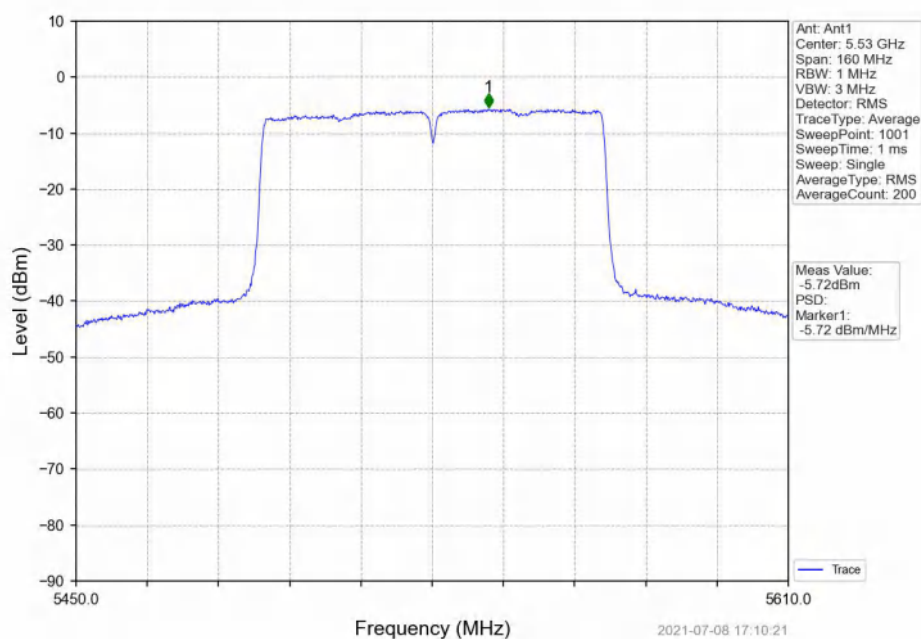
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

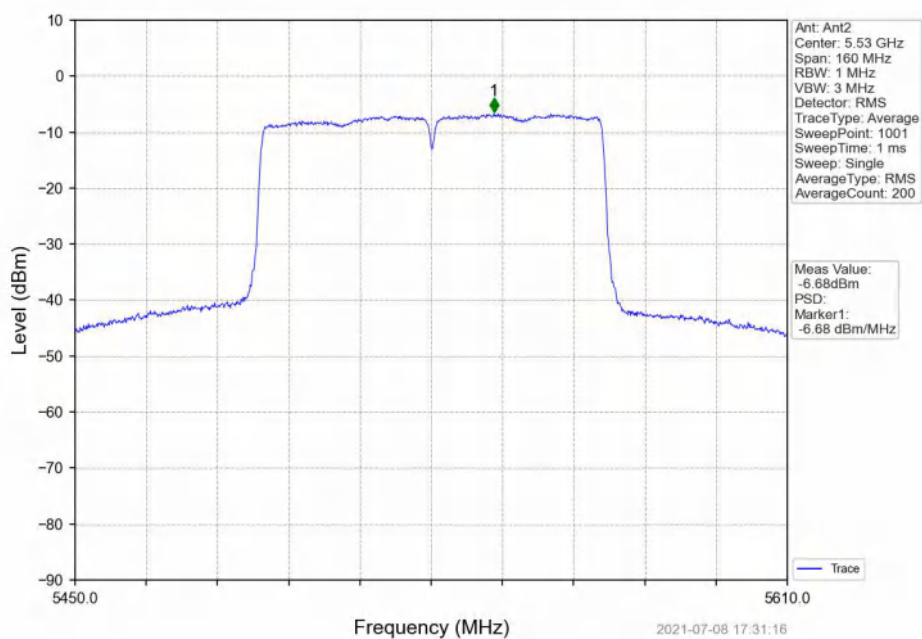
802.11ac(VHT40)_HCH_5670MHz_MIMO_NTNV



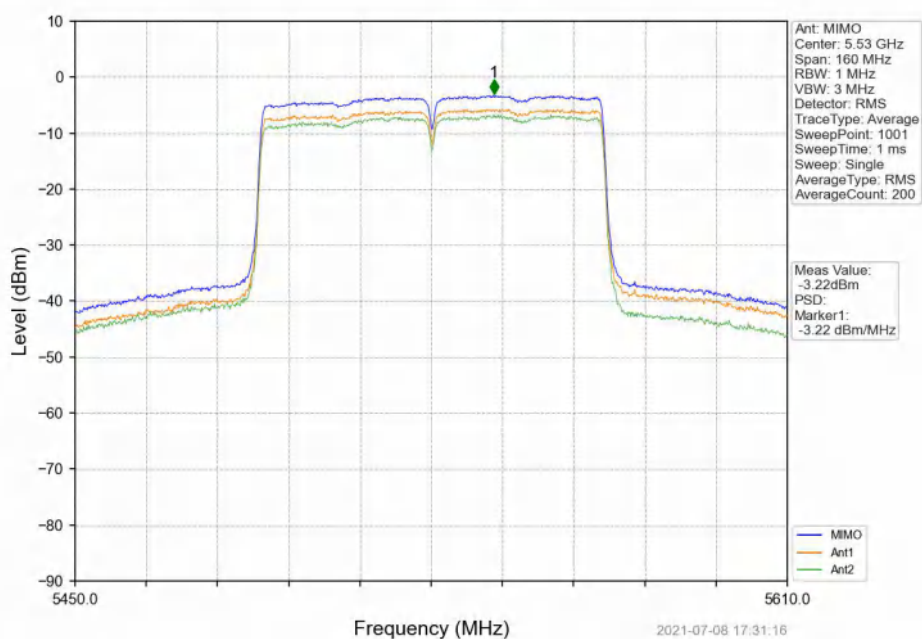
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



802.11ac(VHT80)_LCH_5530MHz_MIMO_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit	Verdict
				Voltage (VAC)	Measured Frequency (MHz)		
802.11a	SISO	5500	20	102	5500.080	5492 to 5508	Pass
				120	5500.080	5492 to 5508	Pass
				138	5500.040	5492 to 5508	Pass
			-30	120	5500.060	5492 to 5508	Pass
			-20	120	5500.160	5470 to 5725	Pass
			-10	120	5500.120	5470 to 5725	Pass
			0	120	5500.100	5470 to 5725	Pass
			10	120	5500.120	5470 to 5725	Pass
			30	120	5500.160	5470 to 5725	Pass
			40	120	5500.060	5470 to 5725	Pass
			50	120	5500.040	5492 to 5508	Pass
		5580	20	102	5580.100	5572 to 5588	Pass
				120	5580.060	5572 to 5588	Pass
				138	5580.040	5572 to 5588	Pass
			-30	120	5580.100	5572 to 5588	Pass
			-20	120	5580.080	5470 to 5725	Pass
			-10	120	5580.100	5470 to 5725	Pass
			0	120	5580.080	5470 to 5725	Pass
			10	120	5580.080	5470 to 5725	Pass
			30	120	5580.080	5470 to 5725	Pass
			40	120	5580.080	5470 to 5725	Pass
			50	120	5580.060	5572 to 5588	Pass
		5700	20	102	5700.060	5692 to 5708	Pass
				120	5700.120	5692 to 5708	Pass
				138	5700.080	5692 to 5708	Pass
			-30	120	5700.040	5692 to 5708	Pass
			-20	120	5700.120	5470 to 5725	Pass
			-10	120	5700.080	5470 to 5725	Pass
			0	120	5700.100	5470 to 5725	Pass
			10	120	5700.080	5470 to 5725	Pass
			30	120	5700.100	5470 to 5725	Pass
			40	120	5700.060	5470 to 5725	Pass
			50	120	5700.100	5692 to 5708	Pass
802.11n (HT20)	MIMO	5500	20	102	5500.040	5492 to 5508	Pass
				120	5500.080	5492 to 5508	Pass
				138	5500.120	5492 to 5508	Pass
			-30	120	5500.080	5492 to 5508	Pass
			-20	120	5500.060	5470 to 5725	Pass
			-10	120	5500.060	5470 to 5725	Pass
			0	120	5500.140	5470 to 5725	Pass
			10	120	5500.040	5470 to 5725	Pass
			30	120	5500.080	5470 to 5725	Pass
			40	120	5500.100	5470 to 5725	Pass
			50	120	5500.140	5492 to 5508	Pass
		5580	20	102	5580.120	5572 to 5588	Pass
				120	5580.040	5572 to 5588	Pass
				138	5580.080	5572 to 5588	Pass
			-30	120	5580.120	5572 to 5588	Pass
			-20	120	5580.040	5470 to 5725	Pass
			0	120	5580.040	5470 to 5725	Pass

Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

			-10	120	5580.080	5470 to 5725	Pass
			0	120	5580.040	5470 to 5725	Pass
			10	120	5580.100	5470 to 5725	Pass
			30	120	5580.100	5470 to 5725	Pass
			40	120	5580.120	5470 to 5725	Pass
			50	120	5580.080	5572 to 5588	Pass
		5700	20	102	5700.060	5692 to 5708	Pass
				120	5700.080	5692 to 5708	Pass
				138	5700.140	5692 to 5708	Pass
			-30	120	5700.080	5692 to 5708	Pass
			-20	120	5700.060	5470 to 5725	Pass
			-10	120	5700.040	5470 to 5725	Pass
			0	120	5700.120	5470 to 5725	Pass
			10	120	5700.080	5470 to 5725	Pass
			30	120	5700.060	5470 to 5725	Pass
			40	120	5700.060	5470 to 5725	Pass
			50	120	5700.160	5692 to 5708	Pass
			20	102	5510.120	5494 to 5526	Pass
				120	5510.080	5494 to 5526	Pass
				138	5510.120	5494 to 5526	Pass
			-30	120	5510.120	5494 to 5526	Pass
			-20	120	5510.120	5470 to 5725	Pass
			-10	120	5510.160	5470 to 5725	Pass
			0	120	5510.200	5470 to 5725	Pass
			10	120	5510.160	5470 to 5725	Pass
			30	120	5510.160	5470 to 5725	Pass
			40	120	5510.200	5470 to 5725	Pass
			50	120	5510.160	5494 to 5526	Pass
802.11n (HT40)	MIMO	5510	20	102	5550.200	5534 to 5566	Pass
				120	5550.160	5534 to 5566	Pass
				138	5550.120	5534 to 5566	Pass
			-30	120	5550.080	5534 to 5566	Pass
			-20	120	5550.120	5470 to 5725	Pass
			-10	120	5550.160	5470 to 5725	Pass
			0	120	5550.160	5470 to 5725	Pass
			10	120	5550.080	5470 to 5725	Pass
			30	120	5550.160	5470 to 5725	Pass
			40	120	5550.240	5470 to 5725	Pass
			50	120	5550.080	5534 to 5566	Pass
		5670	20	102	5670.160	5654 to 5686	Pass
				120	5670.160	5654 to 5686	Pass
				138	5670.120	5654 to 5686	Pass
			-30	120	5670.120	5654 to 5686	Pass
			-20	120	5670.080	5470 to 5725	Pass
			-10	120	5670.160	5470 to 5725	Pass
			0	120	5670.080	5470 to 5725	Pass
			10	120	5670.160	5470 to 5725	Pass
			30	120	5670.120	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.120	5654 to 5686	Pass
802.11ac (VHT20)	MIMO	5500	20	102	5500.140	5492 to 5508	Pass
				120	5500.040	5492 to 5508	Pass
				138	5500.060	5492 to 5508	Pass
			-30	120	5500.140	5492 to 5508	Pass
			-20	120	5500.060	5470 to 5725	Pass
			-10	120	5500.080	5470 to 5725	Pass
			0	120	5500.060	5470 to 5725	Pass
			10	120	5500.080	5470 to 5725	Pass
			30	120	5500.080	5470 to 5725	Pass
			40	120	5500.080	5470 to 5725	Pass
			50	120	5500.080	5492 to 5508	Pass

Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

		5580	20	102	5580.080	5572 to 5588	Pass
				120	5580.040	5572 to 5588	Pass
				138	5580.100	5572 to 5588	Pass
			-30	120	5580.100	5572 to 5588	Pass
			-20	120	5580.040	5470 to 5725	Pass
			-10	120	5580.060	5470 to 5725	Pass
			0	120	5580.040	5470 to 5725	Pass
			10	120	5580.080	5470 to 5725	Pass
			30	120	5580.100	5470 to 5725	Pass
			40	120	5580.060	5470 to 5725	Pass
			50	120	5580.100	5572 to 5588	Pass
		5700	20	102	5700.040	5692 to 5708	Pass
				120	5700.100	5692 to 5708	Pass
				138	5700.140	5692 to 5708	Pass
			-30	120	5700.060	5692 to 5708	Pass
			-20	120	5700.060	5470 to 5725	Pass
			-10	120	5700.020	5470 to 5725	Pass
			0	120	5700.080	5470 to 5725	Pass
			10	120	5700.040	5470 to 5725	Pass
			30	120	5700.080	5470 to 5725	Pass
			40	120	5700.060	5470 to 5725	Pass
			50	120	5699.980	5692 to 5708	Pass
802.11ac (VHT40)	MIMO	5510	20	102	5510.160	5494 to 5526	Pass
				120	5510.160	5494 to 5526	Pass
				138	5510.160	5494 to 5526	Pass
			-30	120	5510.160	5494 to 5526	Pass
			-20	120	5510.160	5470 to 5725	Pass
			-10	120	5510.120	5470 to 5725	Pass
			0	120	5510.160	5470 to 5725	Pass
			10	120	5510.120	5470 to 5725	Pass
			30	120	5510.080	5470 to 5725	Pass
			40	120	5510.120	5470 to 5725	Pass
			50	120	5510.200	5494 to 5526	Pass
		5550	20	102	5550.160	5534 to 5566	Pass
				120	5550.120	5534 to 5566	Pass
				138	5550.160	5534 to 5566	Pass
			-30	120	5550.160	5534 to 5566	Pass
			-20	120	5550.160	5470 to 5725	Pass
			-10	120	5550.120	5470 to 5725	Pass
			0	120	5550.120	5470 to 5725	Pass
			10	120	5550.160	5470 to 5725	Pass
			30	120	5550.200	5470 to 5725	Pass
			40	120	5550.160	5470 to 5725	Pass
			50	120	5550.200	5534 to 5566	Pass
		5670	20	102	5670.160	5654 to 5686	Pass
				120	5670.120	5654 to 5686	Pass
				138	5670.200	5654 to 5686	Pass
			-30	120	5670.120	5654 to 5686	Pass
			-20	120	5670.160	5470 to 5725	Pass
			-10	120	5670.080	5470 to 5725	Pass
			0	120	5670.200	5470 to 5725	Pass
			10	120	5670.160	5470 to 5725	Pass
			30	120	5670.120	5470 to 5725	Pass
			40	120	5670.120	5470 to 5725	Pass
			50	120	5670.120	5654 to 5686	Pass
802.11ac (VHT80)	MIMO	5530	20	102	5530.150	5498 to 5562	Pass
				120	5530.150	5498 to 5562	Pass
				138	5530.075	5498 to 5562	Pass
			-30	120	5530.150	5498 to 5562	Pass
			-20	120	5530.225	5470 to 5725	Pass
			-10	120	5530.150	5470 to 5725	Pass

Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

		0	120	5530.225	5470 to 5725	Pass
		10	120	5530.150	5470 to 5725	Pass
		30	120	5530.150	5470 to 5725	Pass
		40	120	5530.150	5470 to 5725	Pass
		50	120	5530.225	5498 to 5562	Pass

---End---