8. Maximum power spectral density

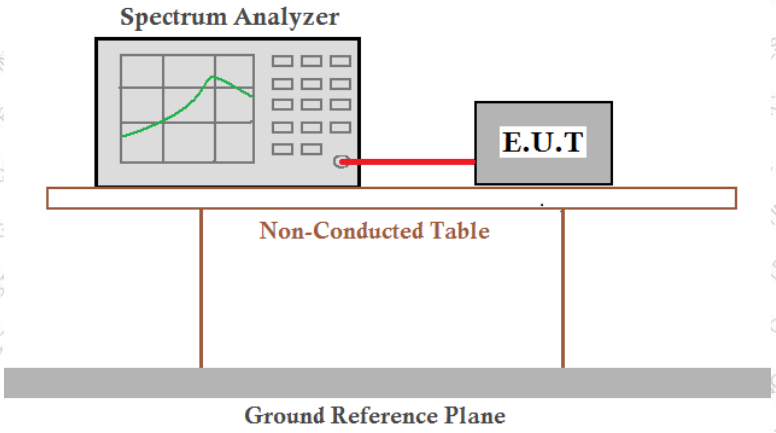
11.1 Applicable Standard

FCC Part15 E Section 15.407(a)(3)

11.2 Limit

The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz. 5.255.35GHz, 5.47-5.725 GHz Band in any 1 megahertz band.
For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

11.3 Test setup



11.4 Test Procedure

i. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power…”.
ii. Use the peak search function on the instrument to find the peak of the spectrum.
iii. Make the following adjustments to the peak value of the spectrum, if applicable:
iv. a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum.
v. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
vi. The result is the PSD.

11.5 Test Data

Temperature	23 ℃	Humidity	52%
ATM Pressure	101.1kPa	Antenna Gain	Ant1: 0.67dBi Ant2: 0.67dBi
Test by	LBi Li	Test result	PASS

Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

Test Result

Mode	Frequency (MHz)	Maximum PSD (dBm/MHz)	Maximum PSD (dBm/MHz)	Maximum PSD (dBm/MHz)			Maximum PSD Limit (dBm/MHz)	Verdict
		Ant1	Ant2	Ant1	Ant2	Total		
802.11a	5180	5.88	4.92	/	/	/	≤11	Pass
	5200	5.91	5.07	/	/	/	≤11	Pass
	5240	5.56	4.8	/	/	/	≤11	Pass
	5260	5.94	5.46	/	/	/	≤11	Pass
	5300	6.25	4.93	/	/	/	≤11	Pass
	5320	5.24	3.79	/	/	/	≤11	Pass
	5500	5.09	3.93	/	/	/	≤11	Pass
	5580	5.04	3.45	/	/	/	≤11	Pass
	5700	5.28	3.3	/	/	/	≤11	Pass
	5720	5.36	3.48	/	/	/	≤11	Pass
802.11n (HT20)	5180	5.79	4.86	3.53	2.62	6.11	≤11	Pass
	5200	5.68	5.1	3.44	2.96	6.22	≤11	Pass
	5240	5.17	4.82	3.11	2.29	5.73	≤11	Pass
	5260	6.05	5.34	3.49	2.72	6.13	≤11	Pass
	5300	6.11	4.69	3.57	2.45	6.06	≤11	Pass
	5320	5.07	3.68	2.49	1.25	4.92	≤11	Pass
	5500	4.8	3.67	2.5	1.11	4.87	≤11	Pass
	5580	4.99	3.5	2.6	1.18	4.96	≤11	Pass
	5700	5.34	3.06	2.67	0.69	4.8	≤11	Pass
	5720	5.42	3.1	2.68	0.89	4.89	≤11	Pass
802.11n (HT40)	5190	2.62	1.82	0.11	-1.24	2.5	≤11	Pass
	5230	2.14	1.97	-0.79	-0.34	2.45	≤11	Pass
	5270	2.38	1.69	-0.48	-0.48	2.53	≤11	Pass
	5310	2.23	1.28	-0.3	-1.78	2.03	≤11	Pass
	5510	1.14	0.7	-1.12	-2.31	1.34	≤11	Pass
	5550	1.25	0.81	-0.99	-2.35	1.39	≤11	Pass
	5670	1.55	0.08	-0.67	-2.32	1.59	≤11	Pass
	5710	1.57	-0.09	-0.6	-2.25	1.66	≤11	Pass
802.11ac (VHT20)	5180	5.79	4.85	3.21	2.7	5.97	≤11	Pass
	5200	5.51	4.93	3.7	3.11	6.43	≤11	Pass
	5240	5.3	5.02	2.86	2.38	5.64	≤11	Pass
	5260	5.79	5.19	3.25	2.78	6.03	≤11	Pass
	5300	5.84	4.83	3.93	2.44	6.26	≤11	Pass
	5320	5.31	3.81	2.38	1.32	4.89	≤11	Pass
	5500	5.17	3.76	2.29	1.06	4.73	≤11	Pass
	5580	5.09	3.79	2.72	0.86	4.9	≤11	Pass
	5700	5.35	3.15	2.53	0.87	4.79	≤11	Pass
	5720	5.01	3.05	2.82	0.89	4.97	≤11	Pass

Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

802.11ac (VHT40)	5190	2.95	1.64	-0.33	-1.28	2.23	≤11	Pass
	5230	2.01	1.53	-0.87	-0.3	2.43	≤11	Pass
	5270	1.31	2.28	0.89	-1.38	2.91	≤11	Pass
	5310	1.41	1.7	-0.89	-1.11	2.01	≤11	Pass
	5510	0.88	0.78	-0.81	-1.93	1.68	≤11	Pass
	5550	1.17	0.7	-0.91	-2.07	1.56	≤11	Pass
	5670	1.72	0.01	-0.77	-2.07	1.64	≤11	Pass
	5710	1.26	0.03	-0.16	-2.93	1.68	≤11	Pass
802.11ac (VHT80)	5210	0.34	-0.6	-2.18	-4.33	-0.11	≤11	Pass
	5290	-0.72	-0.55	-3.08	-4.49	-0.72	≤11	Pass
	5530	-1.56	-1.93	-3.65	-4.64	-1.11	≤11	Pass
	5610	-1.02	-3.03	-3.14	-4.84	-0.9	≤11	Pass
	5690	-0.89	-2.94	-3.07	-4.68	-0.79	≤11	Pass
802.11ac (VHT160)	5250	-4.04	-4.59	-5.02	-7.2	-2.96	≤11	Pass
	5570	-3.35	-4.98	-5.79	-7.67	-3.62	≤11	Pass
802.11ax (HEW20)	5180	6.1	5.18	3.21	2.9	6.07	≤11	Pass
	5200	5.35	4.9	3.05	2.42	5.76	≤11	Pass
	5240	5.23	5.13	2.26	2.29	5.29	≤11	Pass
	5260	6.1	5.23	3.11	2.51	5.83	≤11	Pass
	5300	6.06	3.94	3.09	2	5.59	≤11	Pass
	5320	5.5	3.6	2.21	1.29	4.78	≤11	Pass
	5500	4.85	3.53	2.22	0.64	4.51	≤11	Pass
	5580	4.34	3.56	2.4	0.87	4.71	≤11	Pass
	5700	5.71	3.5	2.61	0.68	4.76	≤11	Pass
	5720	5	3.06	2.75	0.71	4.86	≤11	Pass
802.11ax (HEW40)	5190	2.65	1.37	-0.4	-1.38	2.15	≤11	Pass
	5230	1.88	1.45	0.61	-1.83	2.57	≤11	Pass
	5270	1.31	0.57	-0.87	-0.82	2.17	≤11	Pass
	5310	0.97	0.69	-1.28	-1.54	1.6	≤11	Pass
	5510	1.68	0.29	-0.85	-2.12	1.57	≤11	Pass
	5550	0.54	0.1	-1.1	-2.31	1.35	≤11	Pass
	5670	1.85	-0.31	-0.52	-2.35	1.67	≤11	Pass
	5710	1.56	-0.44	-0.32	-2.72	1.65	≤11	Pass
802.11ax (HEW80)	5210	-1.5	-1.27	-2.32	-4.48	-0.26	≤11	Pass
	5290	-0.85	-1.62	-3.16	-4.03	-0.56	≤11	Pass
	5530	-1.89	-2.68	-4.07	-5.16	-1.57	≤11	Pass
	5610	-0.72	-3.25	-2.96	-5.73	-1.12	≤11	Pass
	5690	-1.11	-3.16	-2.89	-5.13	-0.86	≤11	Pass
802.11ax (HEW160)	5250	-4.15	-4.66	-5.58	-6.87	-3.17	≤11	Pass
	5570	-3.87	-5.34	-5.88	-7.08	-3.43	≤11	Pass

Remark:

1. $PSD^{SUM}= 10*Log(10^{*(PSDANT1/10)}+10^{*(PSDANT2/10)})$

2. Maximum PSD=Measured PSD+Duty Factor

Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

3. Line loss and duty factor have been added to the map

4. For MIMO devices refer to KDB Publication 662911 D01.

Mode	Frequency (MHz)	Maximum PSD (dBm/500kHz)	Maximum PSD (dBm/500kHz)	Maximum PSD (dBm/500kHz)			Maximum PSD Limit (dBm/500kHz)	Verdict
		Ant1	Ant2	Ant1	Ant2	Total		
802.11a	5745	3.44	2.93	/	/	/	≤30	Pass
	5785	3.32	3.49	/	/	/	≤30	Pass
	5825	3.48	3.49	/	/	/	≤30	Pass
802.11n (HT20)	5745	2.43	2.34	-0.14	-1.01	2.46	≤30	Pass
	5785	3.26	3.67	0.41	-0.81	2.85	≤30	Pass
	5825	3.74	3.09	0.52	-0.78	2.93	≤30	Pass
802.11n (HT40)	5755	-0.41	-0.75	-3.41	-4.44	-0.88	≤30	Pass
	5795	-0.83	-1.2	-3.46	-3.96	-0.69	≤30	Pass
802.11ac (VHT20)	5745	3.17	2.22	-0.03	-0.73	2.64	≤30	Pass
	5785	2.96	3.13	0.27	-0.89	2.74	≤30	Pass
	5825	3.59	3.04	0.33	-1.17	2.65	≤30	Pass
802.11ac (VHT40)	5755	-0.67	-0.79	-3.46	-4.38	-0.89	≤30	Pass
	5795	-0.72	-1.19	-3.31	-3.86	-0.57	≤30	Pass
802.11ac (VHT80)	5775	-3.65	-3.33	-6.65	-7.17	-3.89	≤30	Pass
802.11ax (VHT20)	5745	2.73	2.6	-0.22	-1.26	2.3	≤30	Pass
	5785	2.9	3.21	0.13	-1.15	2.55	≤30	Pass
	5825	3.04	2.92	0.47	-1.06	2.78	≤30	Pass
802.11ax (VHT40)	5755	-1.38	-1.48	-3.68	-4.9	-1.24	≤30	Pass
	5795	-1.2	-1.35	-3.7	-4.38	-1.02	≤30	Pass
802.11ax (VHT80)	5775	-3.58	-4.22	-6.74	-7.32	-4.01	≤30	Pass

Remark:

1. $PSD^{SUM}= 10*Log(10^{*(PSDANT1/10)} +10^{*(PSDANT2/10)})$

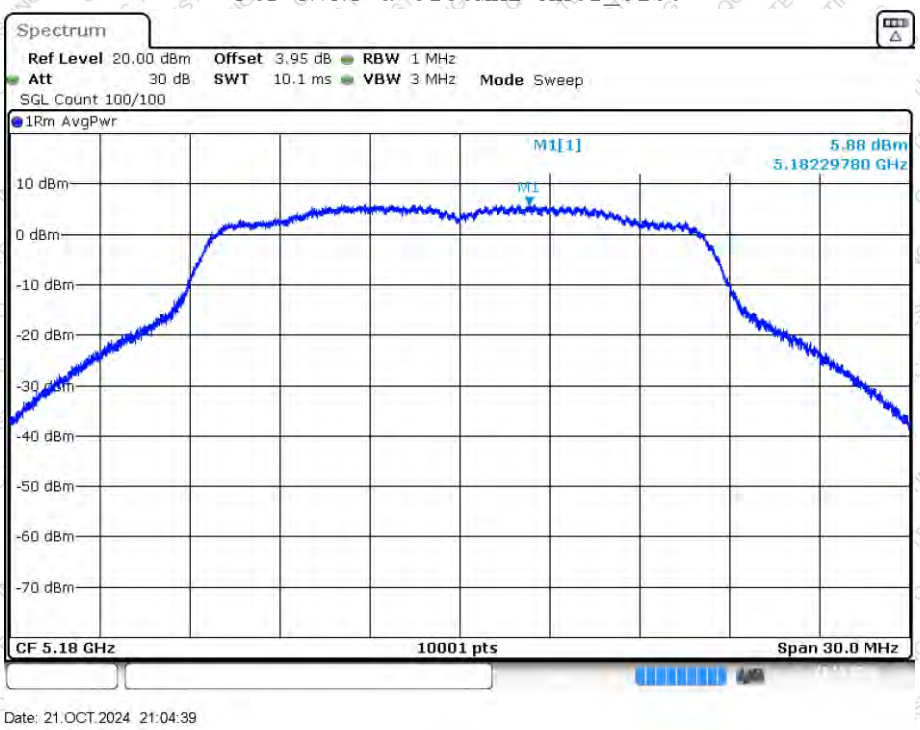
2. Maximum PSD=Measured PSD+Duty Factor

3. Line loss and duty factor have been added to the map

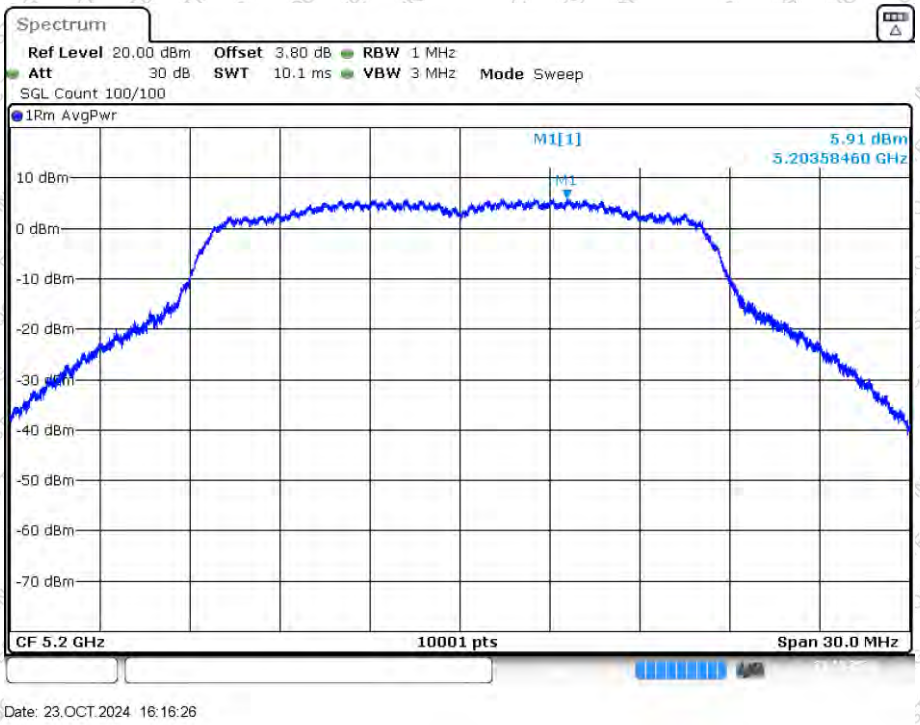
4. For MIMO devices refer to KDB Publication 662911 D01.

Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5180MHz Ant1_SISO

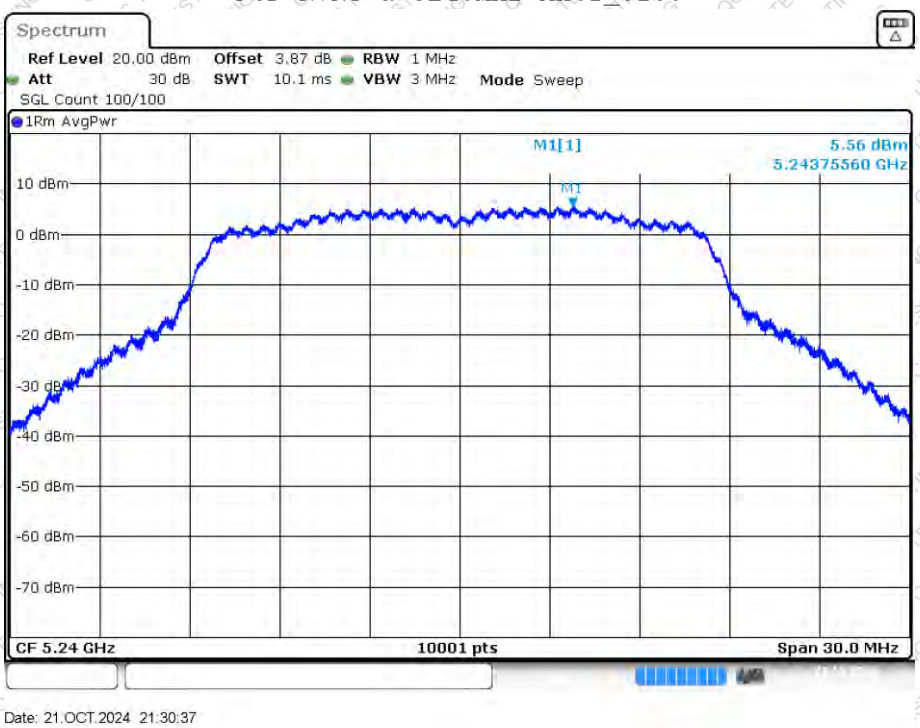


PSD NVNT a 5200MHz Ant1_SISO

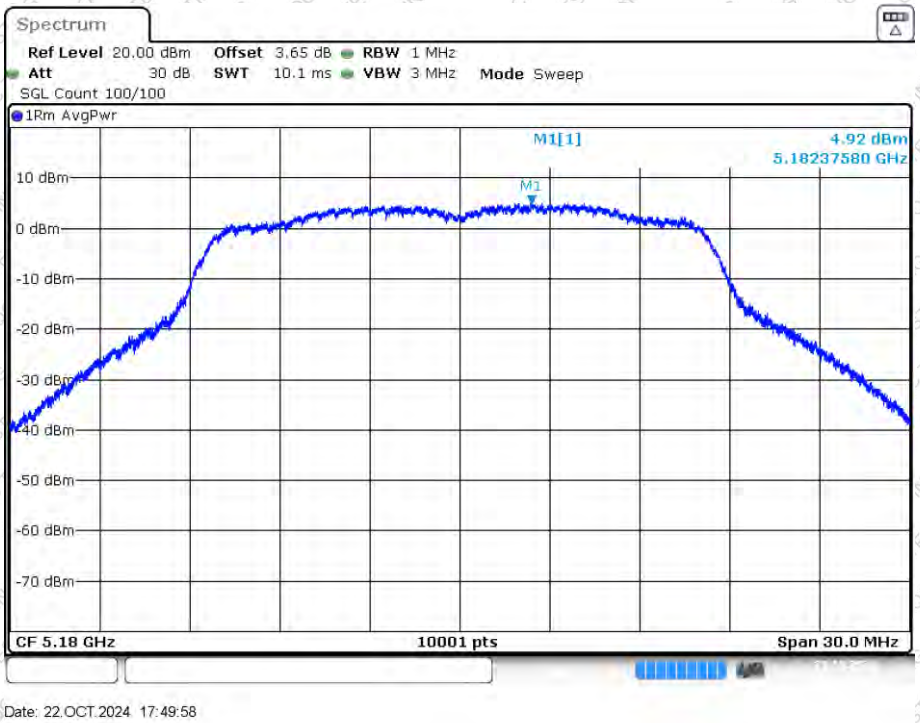


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5240MHz Ant1_SISO

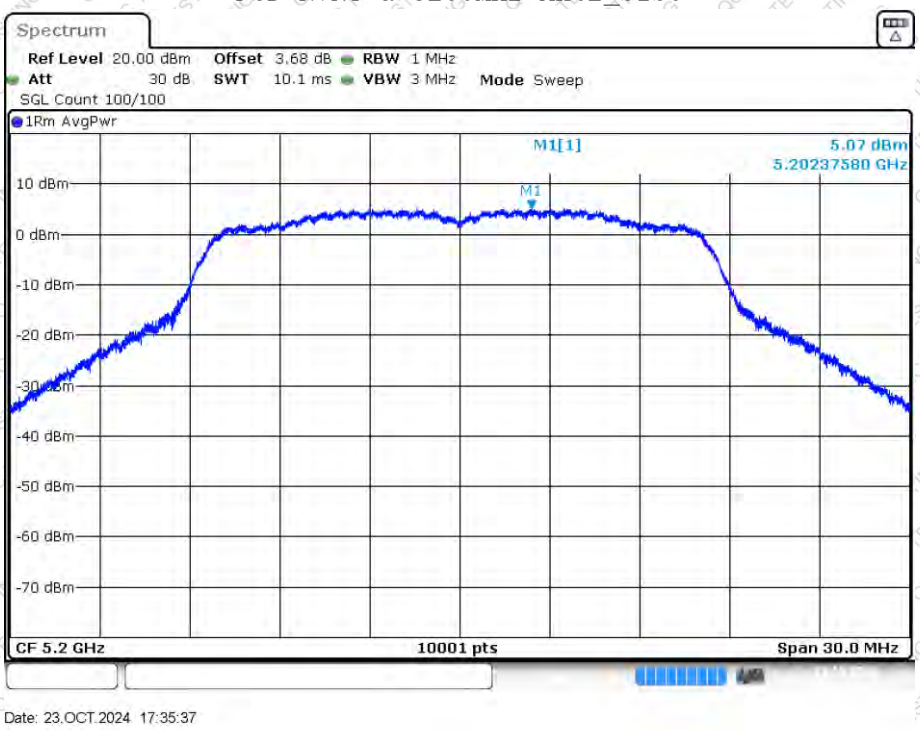


PSD NVNT a 5180MHz Ant2_SISO

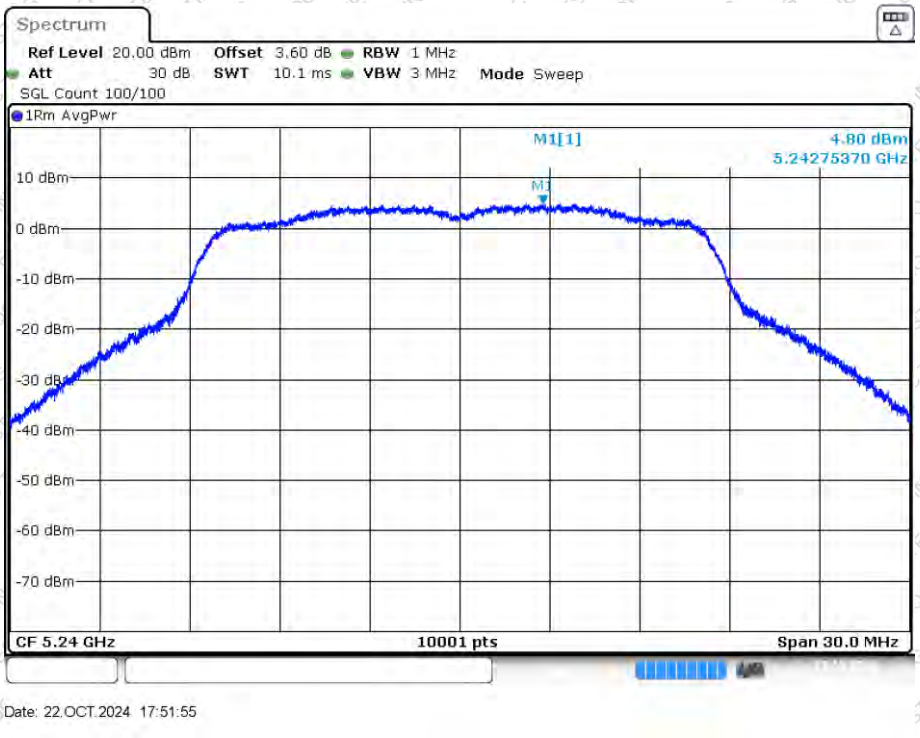


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5200MHz Ant2_SISO

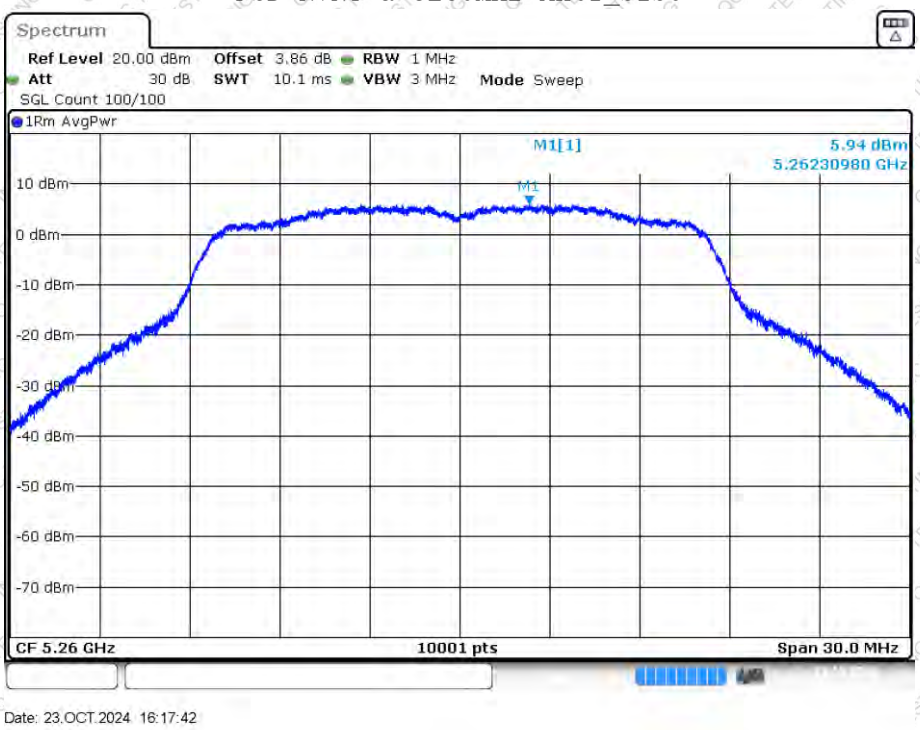


PSD NVNT a 5240MHz Ant2_SISO

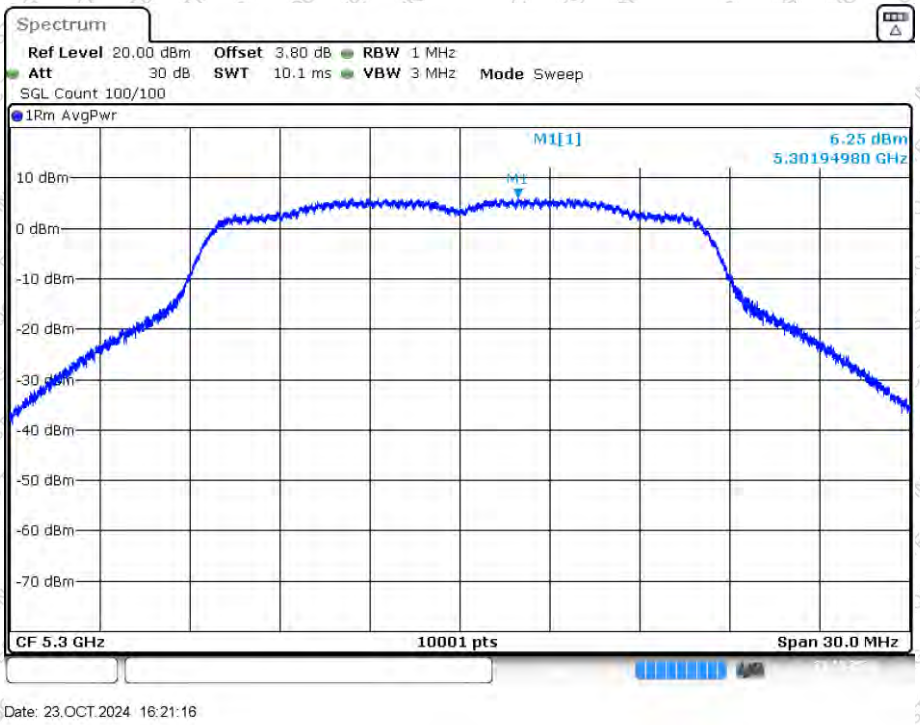


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5260MHz Ant1_SISO

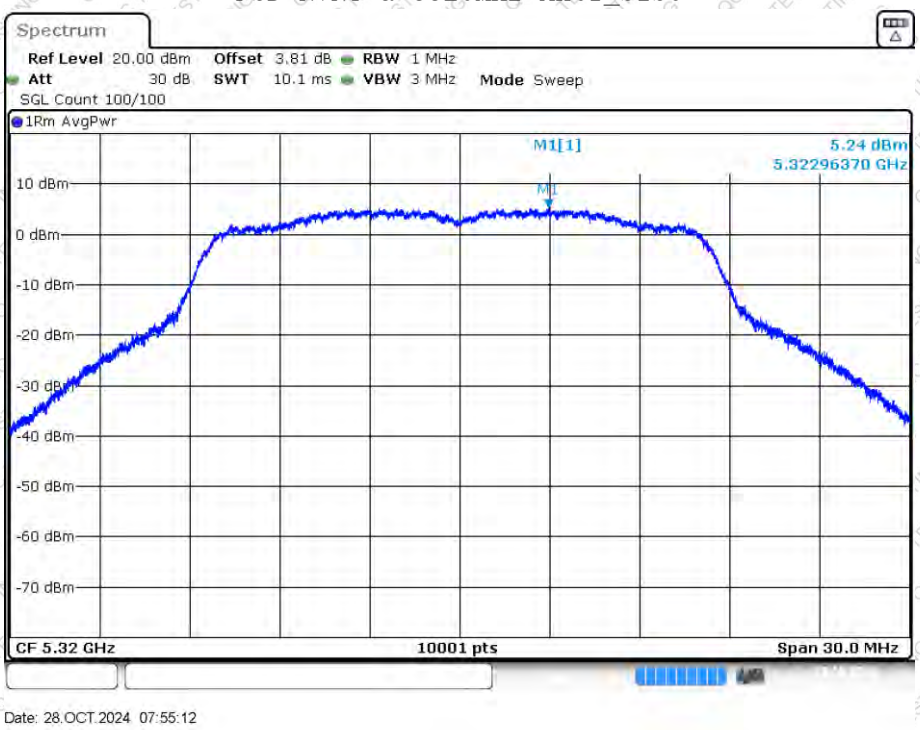


PSD NVNT a 5300MHz Ant1_SISO

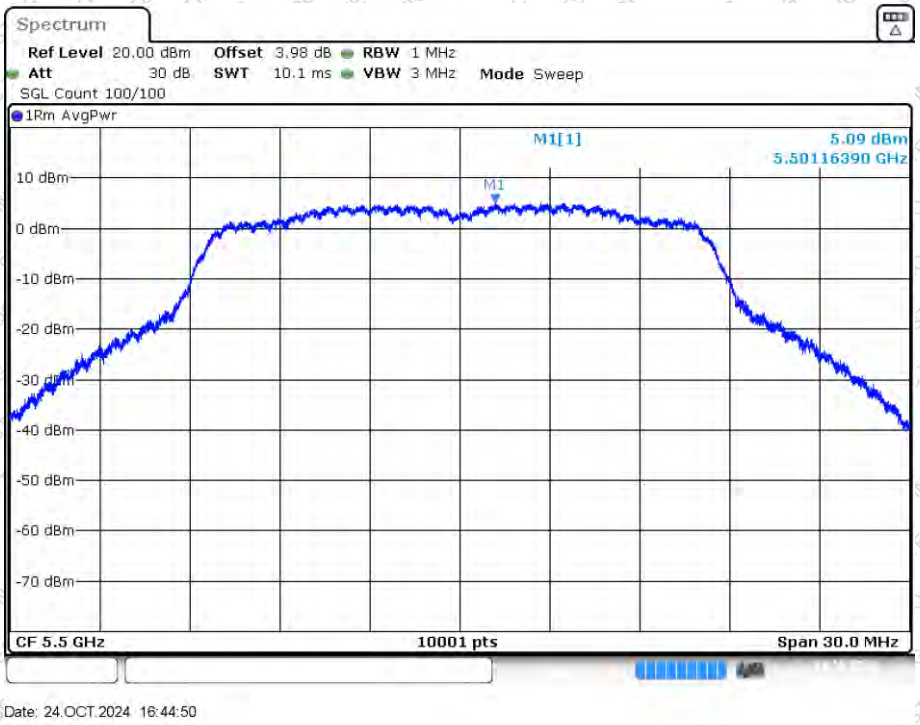


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5320MHz Ant1_SISO

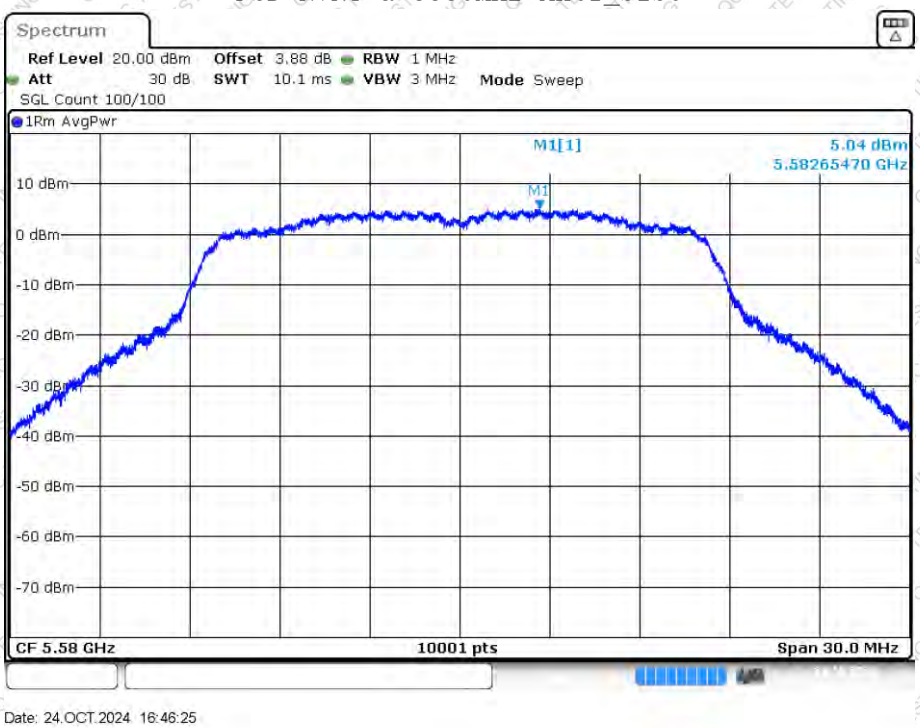


PSD NVNT a 5500MHz Ant1_SISO

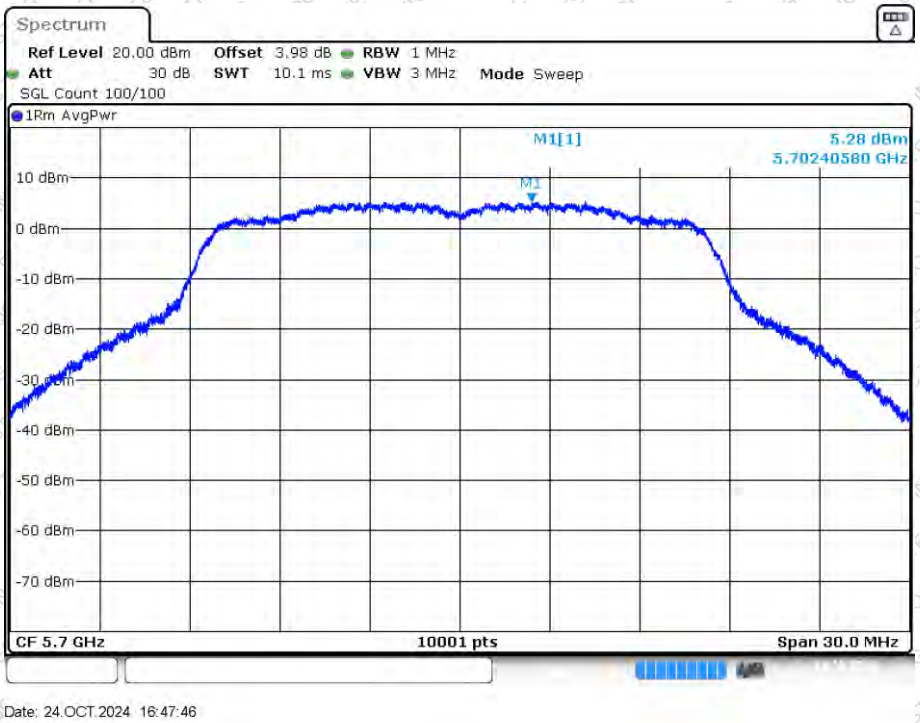


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5580MHz Ant1_SISO

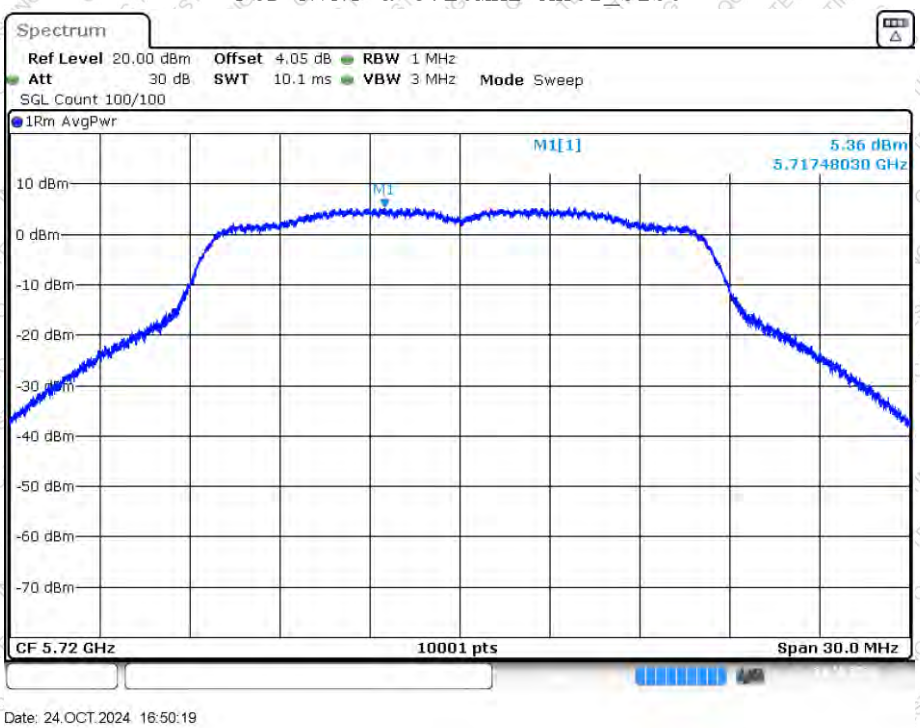


PSD NVNT a 5700MHz Ant1_SISO

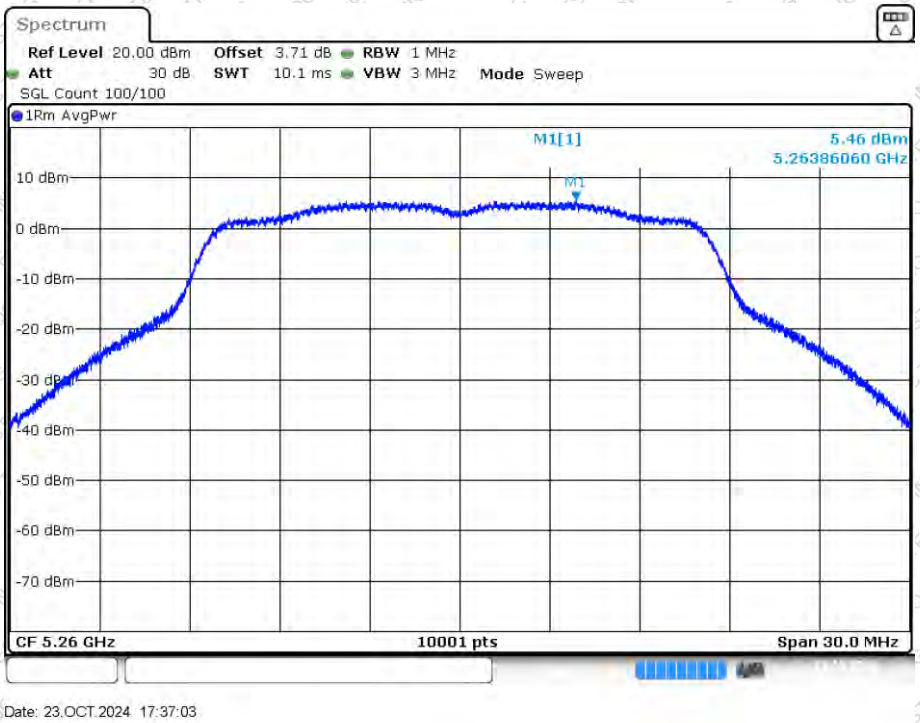


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5720MHz Ant1_SISO

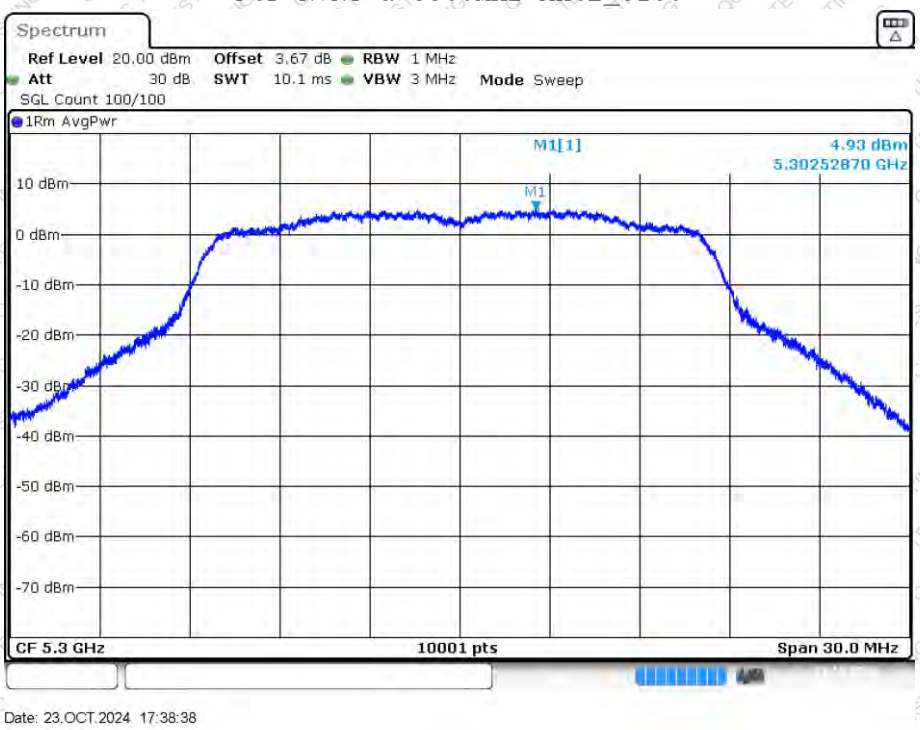


PSD NVNT a 5260MHz Ant2_SISO

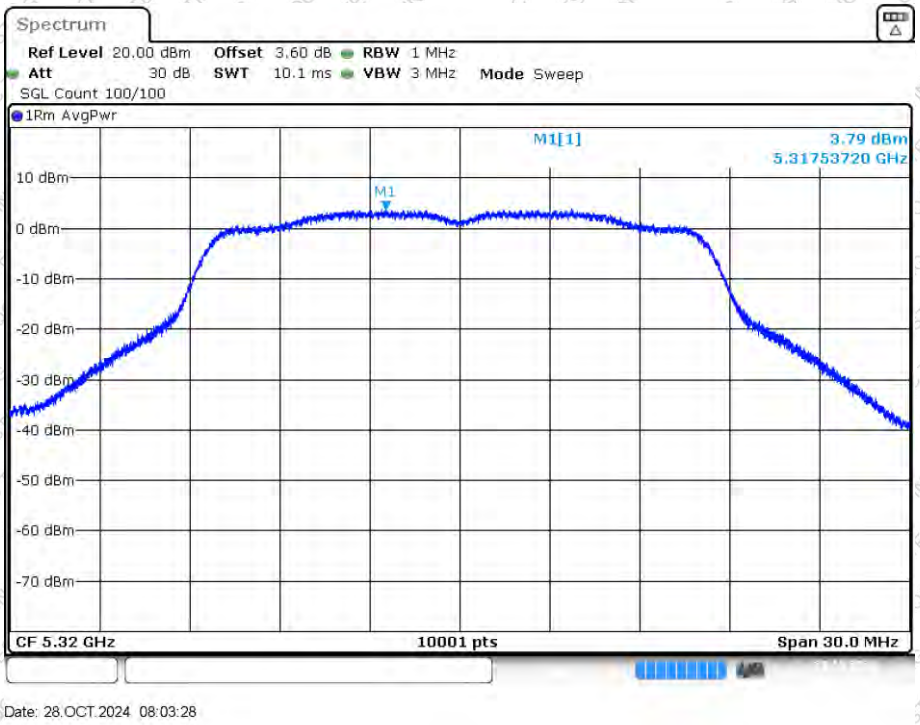


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5300MHz Ant2_SISO

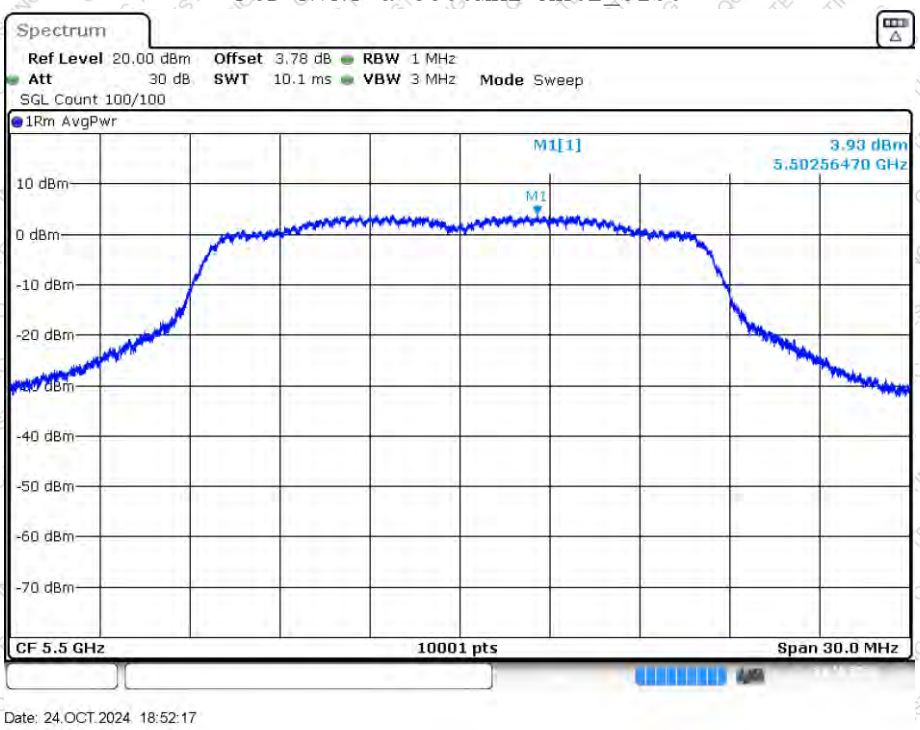


PSD NVNT a 5320MHz Ant2_SISO

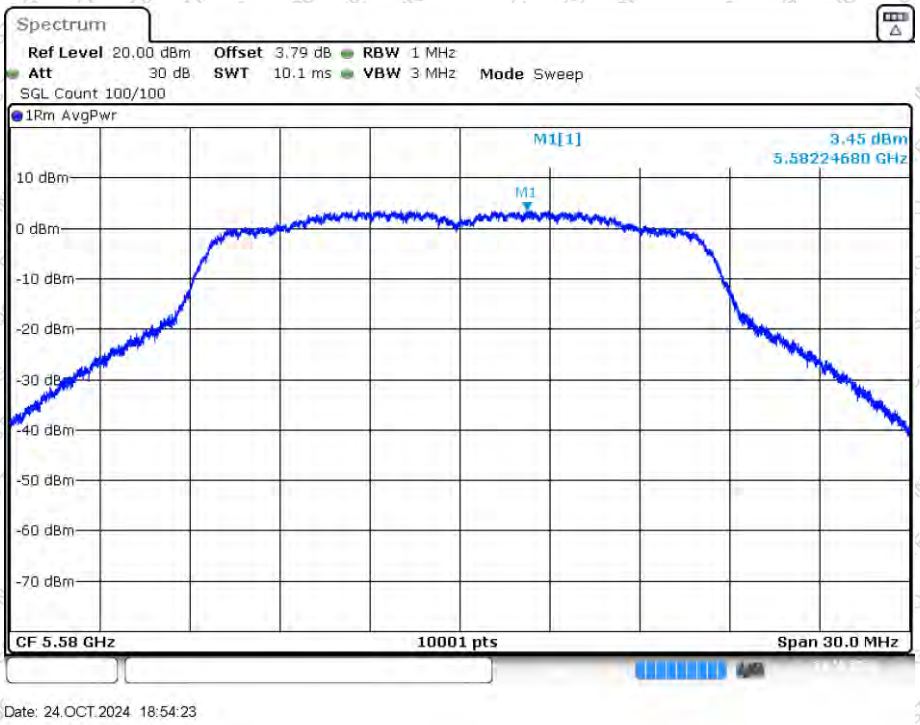


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5500MHz Ant2_SISO

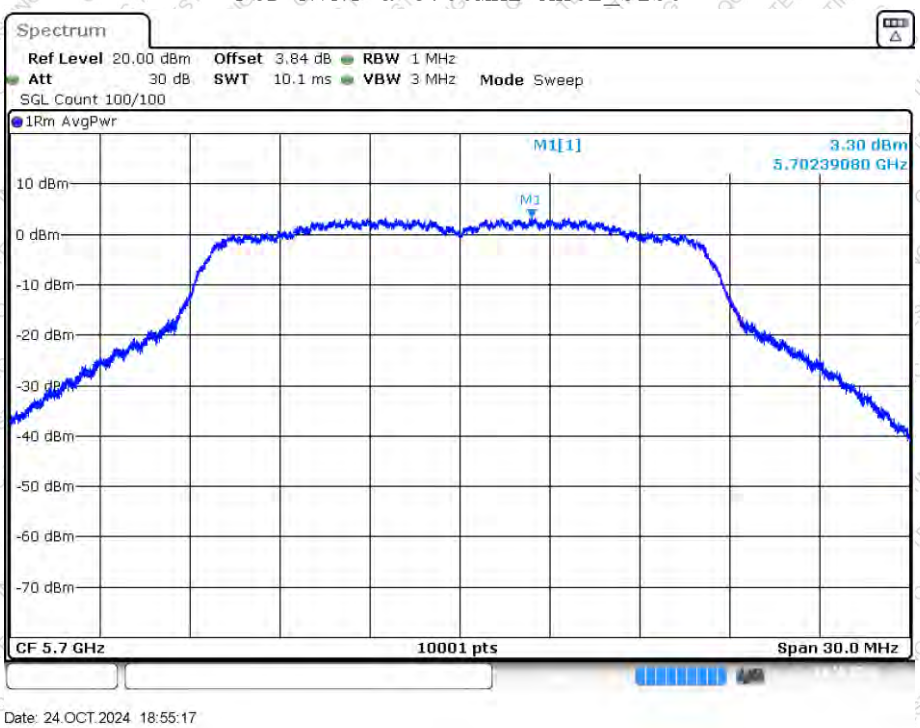


PSD NVNT a 5580MHz Ant2_SISO

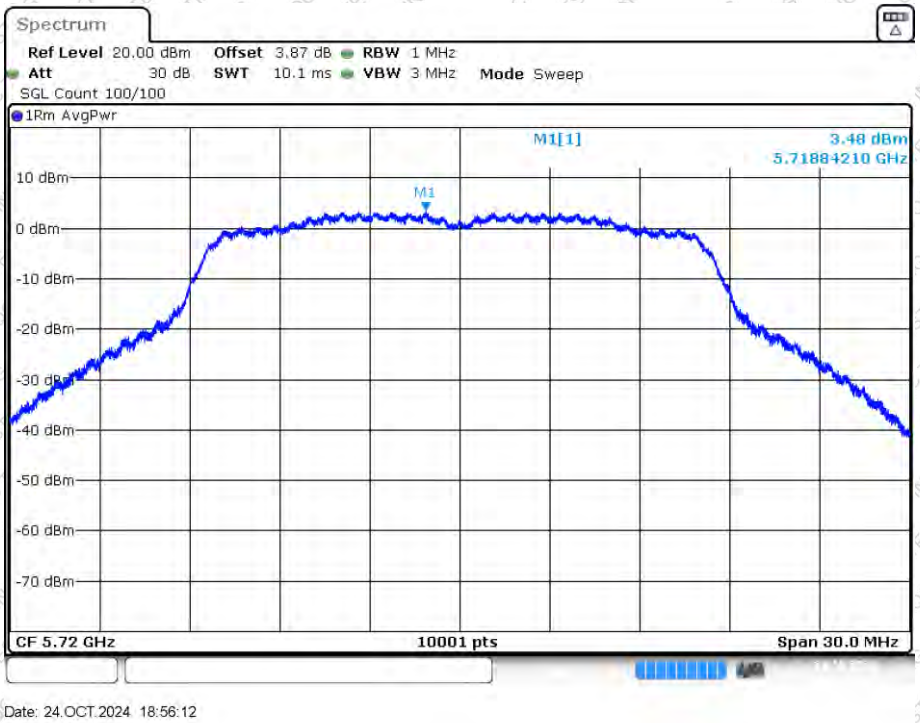


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT a 5700MHz Ant2_SISO

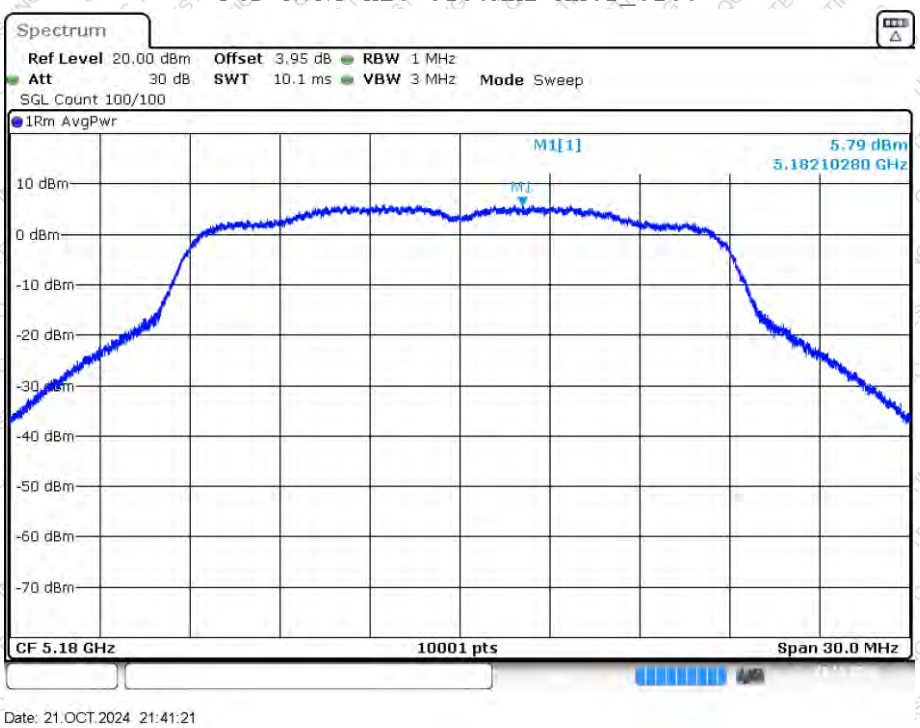


PSD NVNT a 5720MHz Ant2_SISO

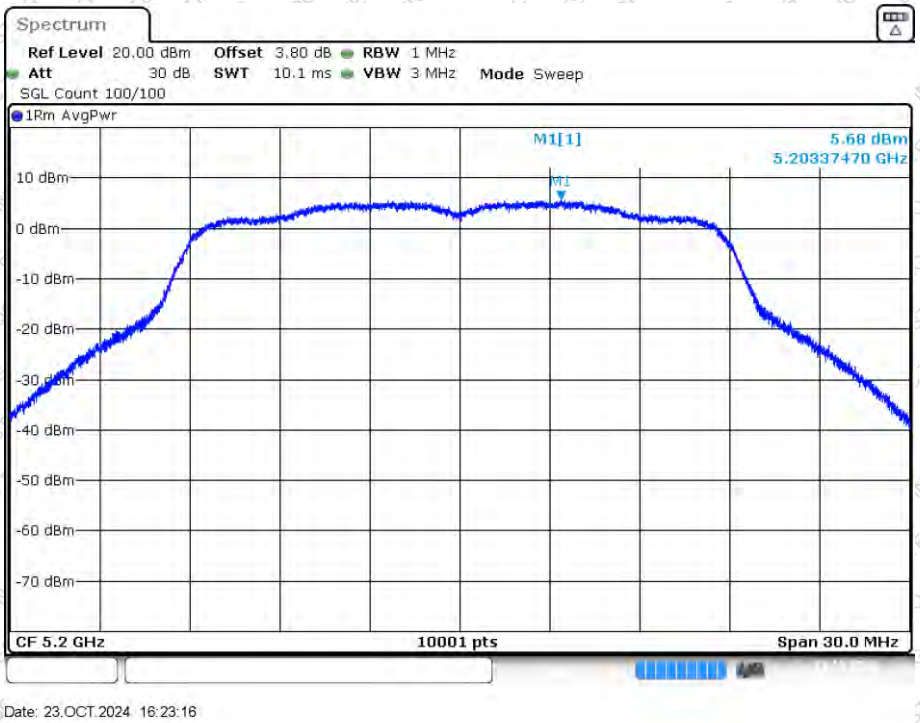


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5180MHz Ant1_SISO

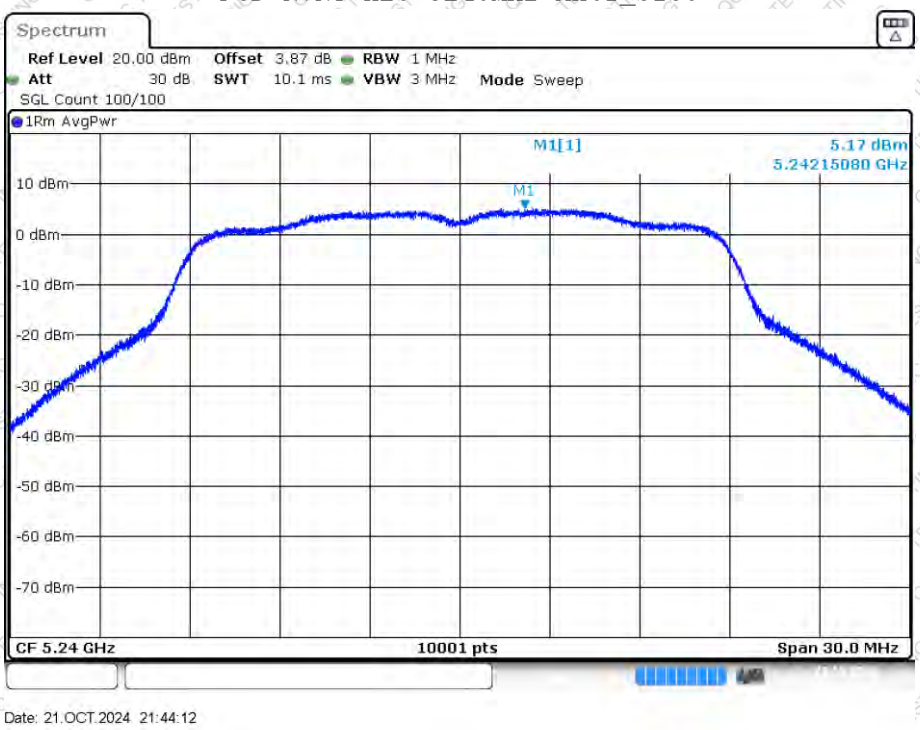


PSD NVNT n20 5200MHz Ant1_SISO

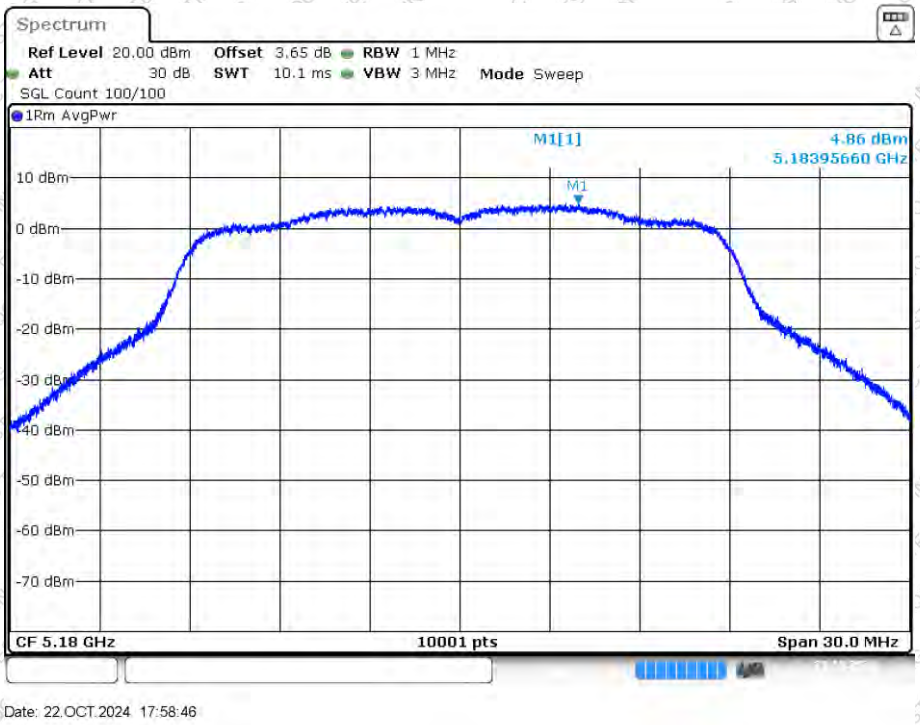


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5240MHz Ant1_SISO

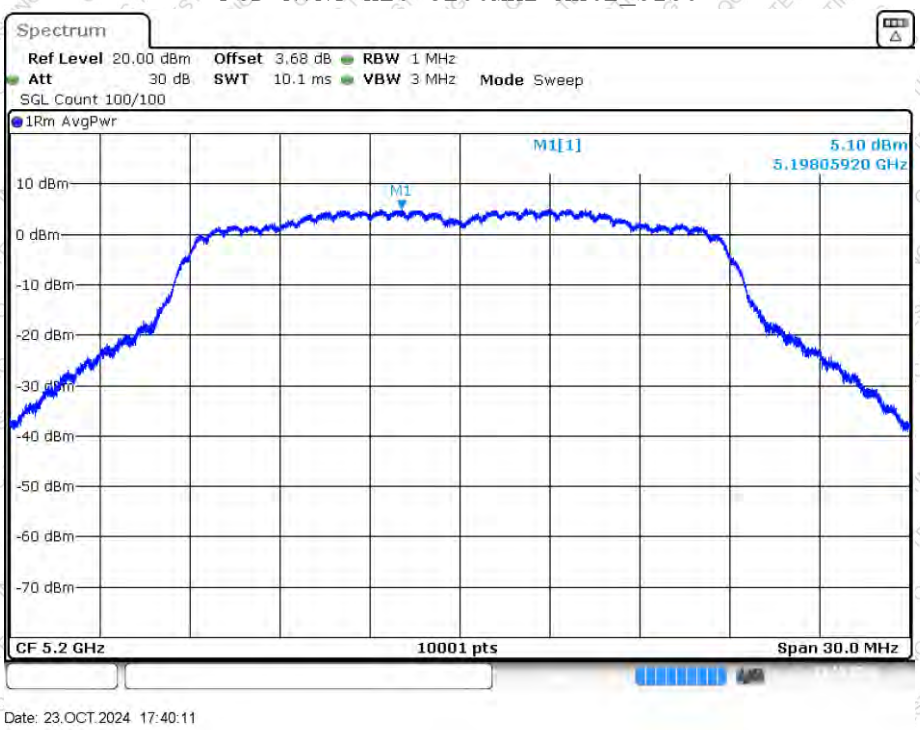


PSD NVNT n20 5180MHz Ant2_SISO

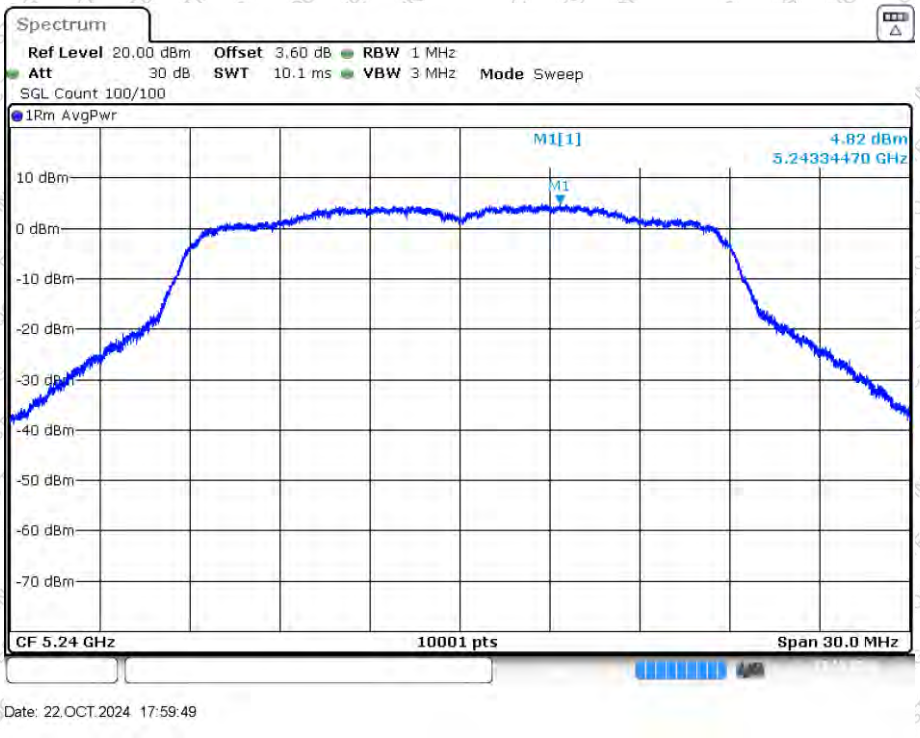


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5200MHz Ant2_SISO

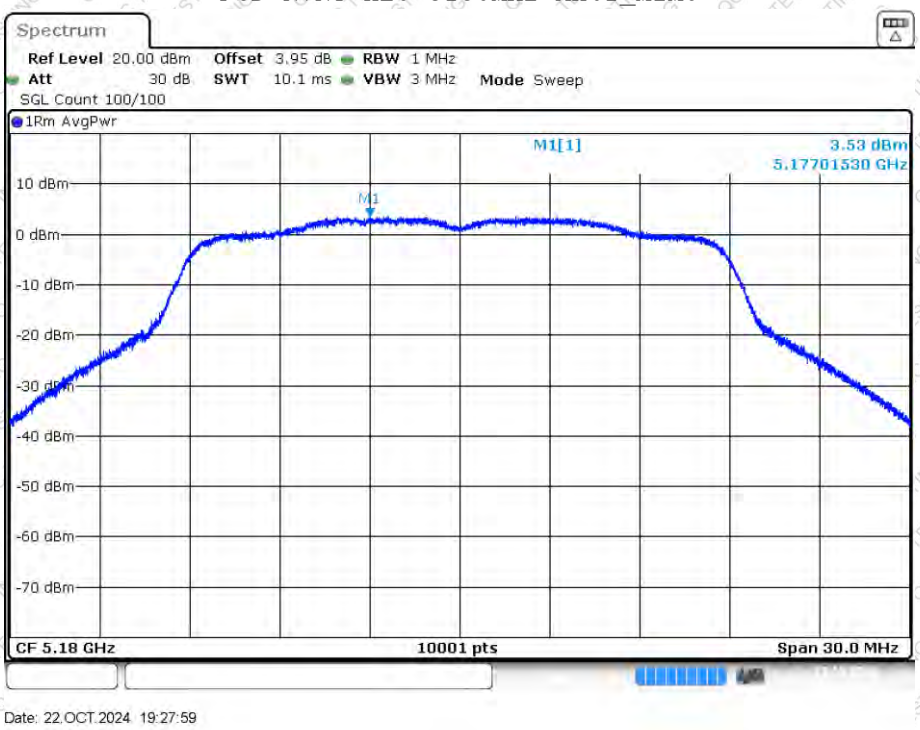


PSD NVNT n20 5240MHz Ant2_SISO

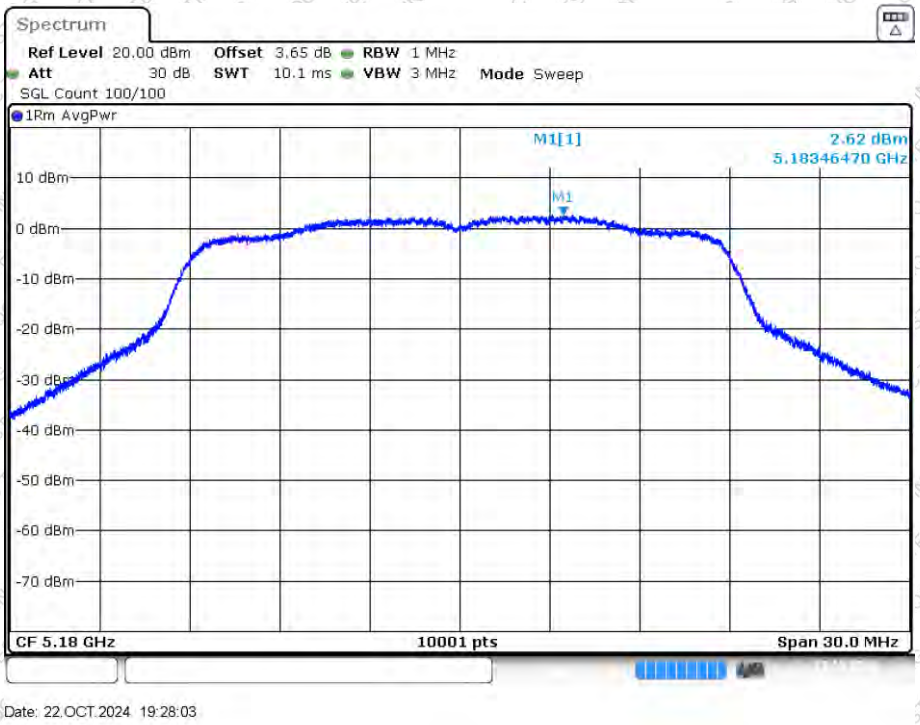


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5180MHz Ant1_MIMO

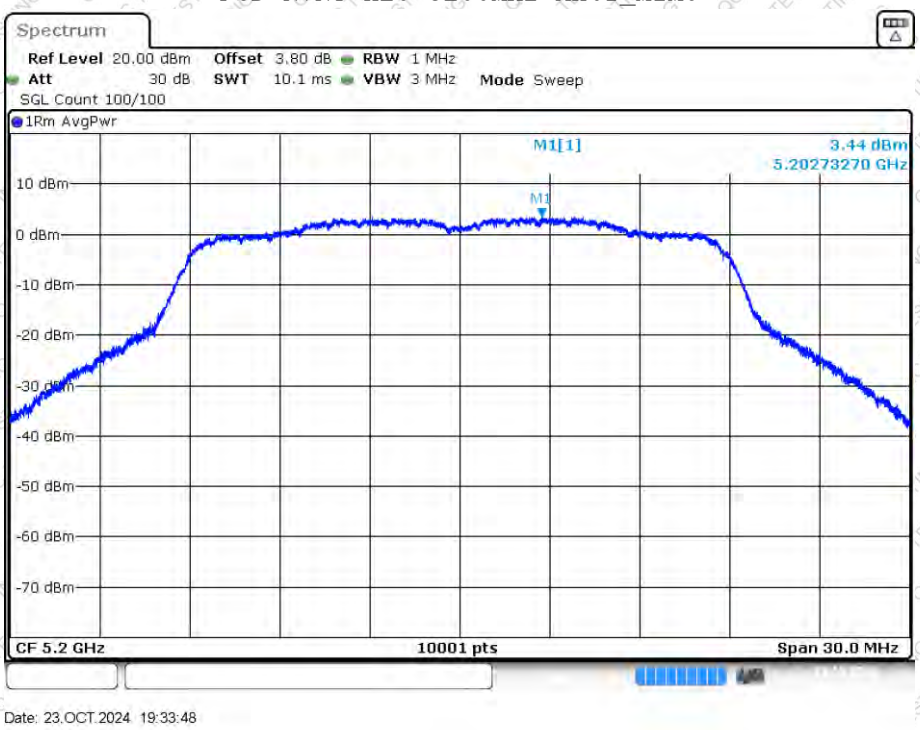


PSD NVNT n20 5180MHz Ant2_MIMO

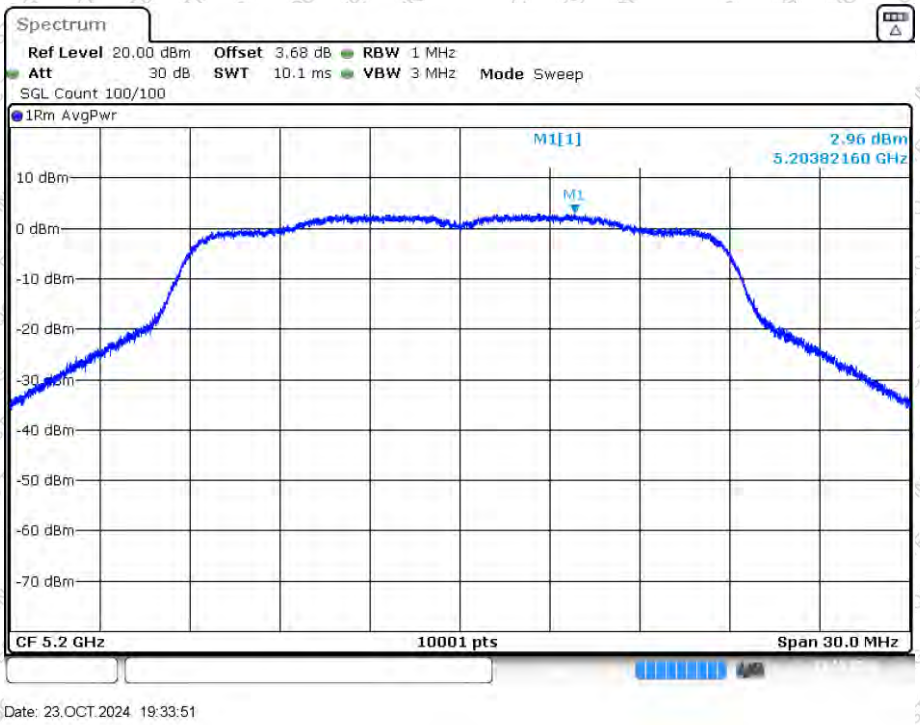


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5200MHz Ant1_MIMO

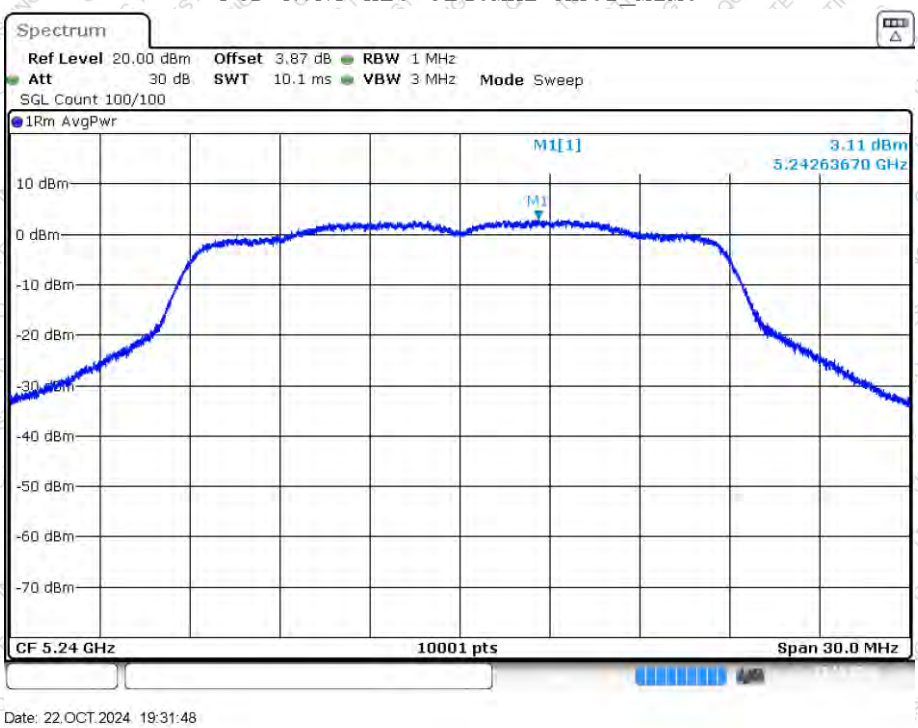


PSD NVNT n20 5200MHz Ant2_MIMO

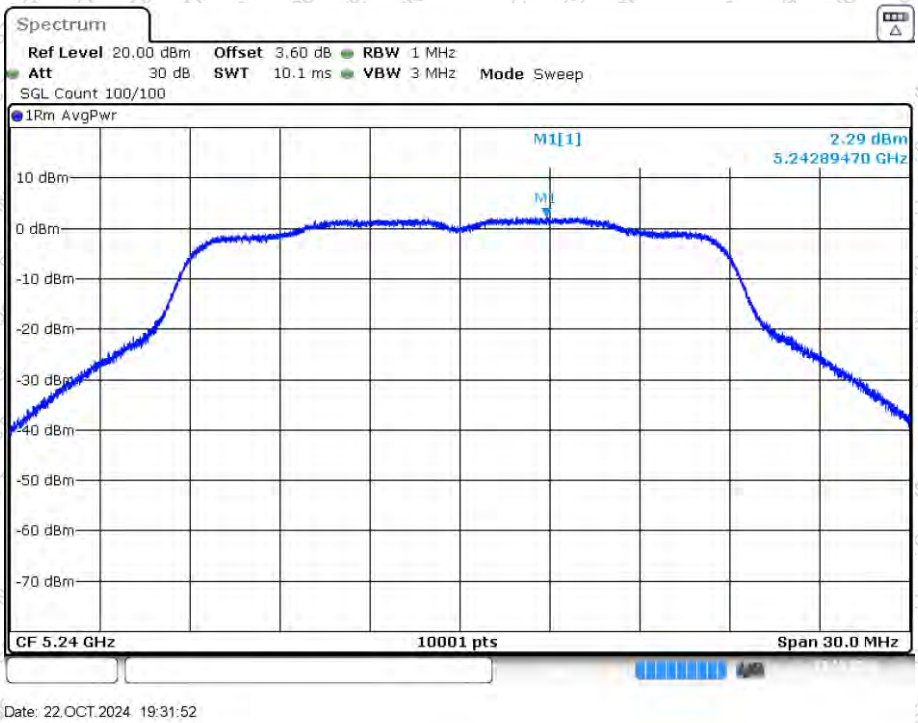


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5240MHz Ant1_MIMO

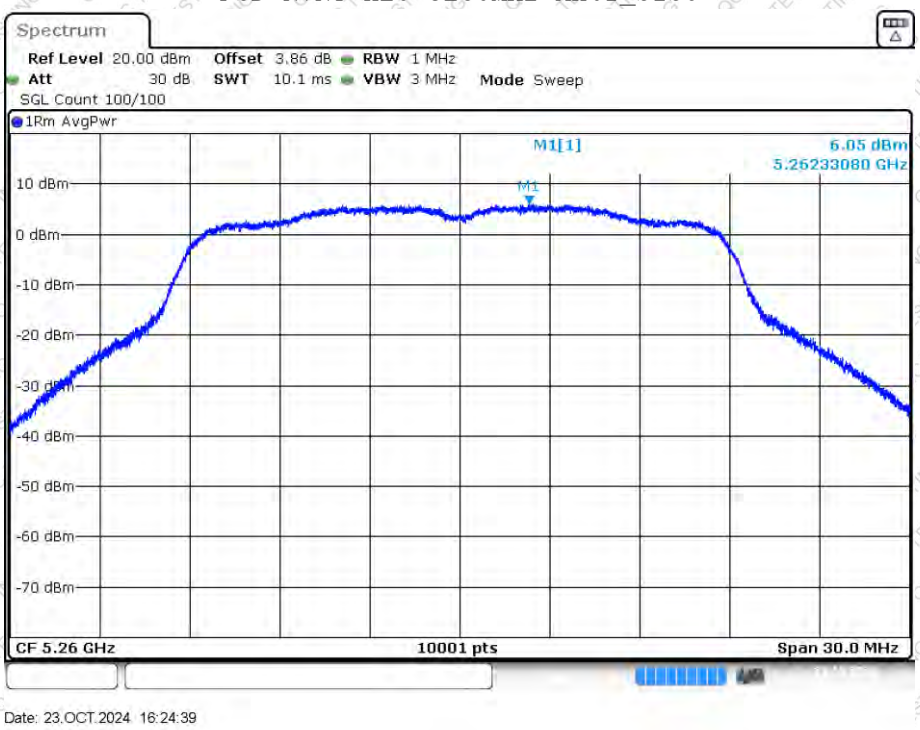


PSD NVNT n20 5240MHz Ant2_MIMO

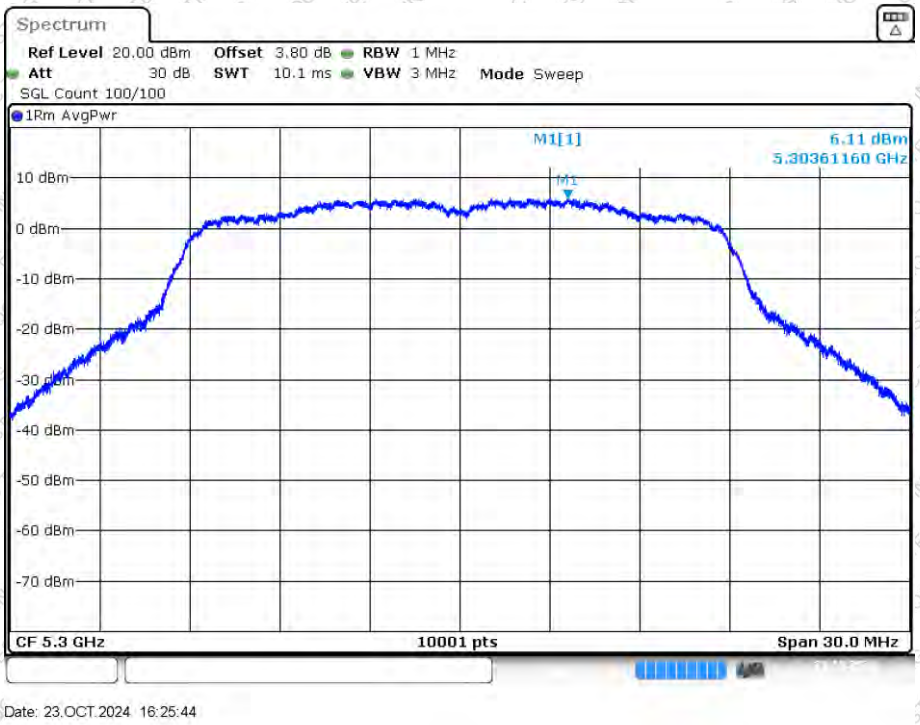


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5260MHz Ant1_SISO

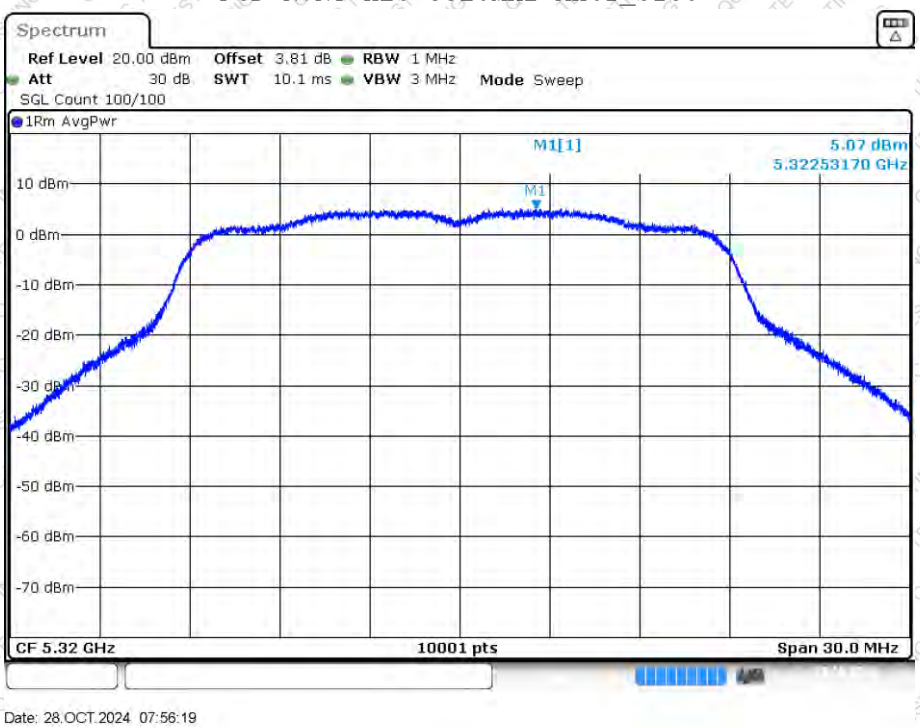


PSD NVNT n20 5300MHz Ant1_SISO

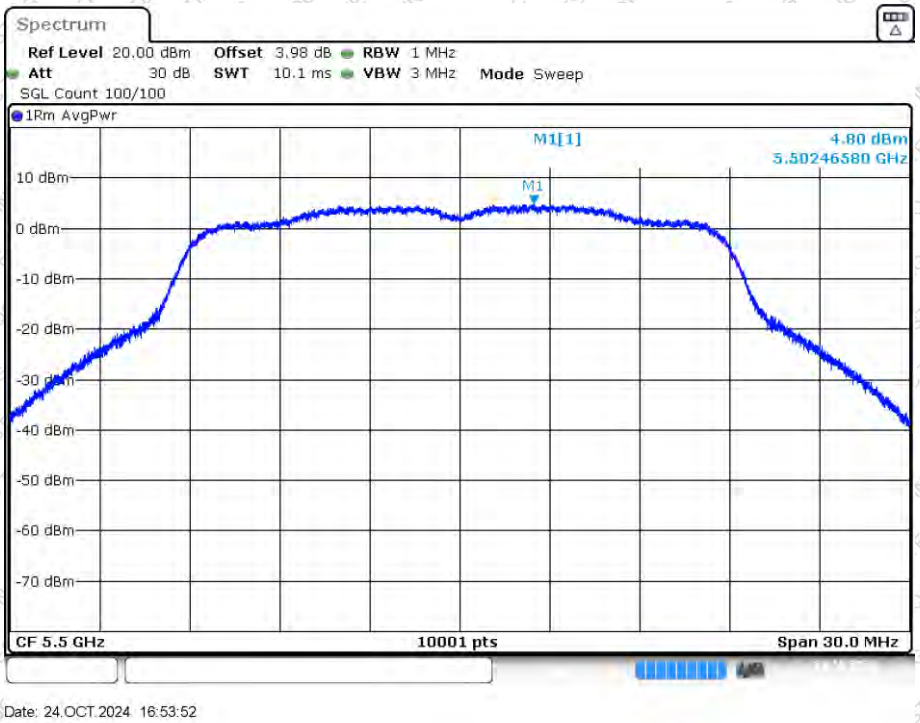


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5320MHz Ant1_SISO

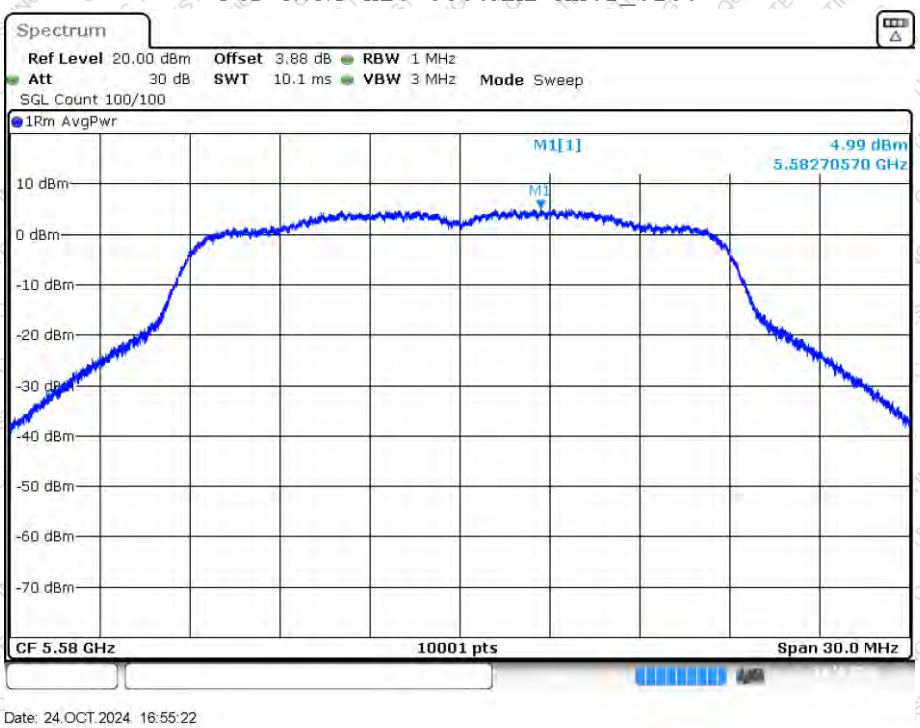


PSD NVNT n20 5500MHz Ant1_SISO

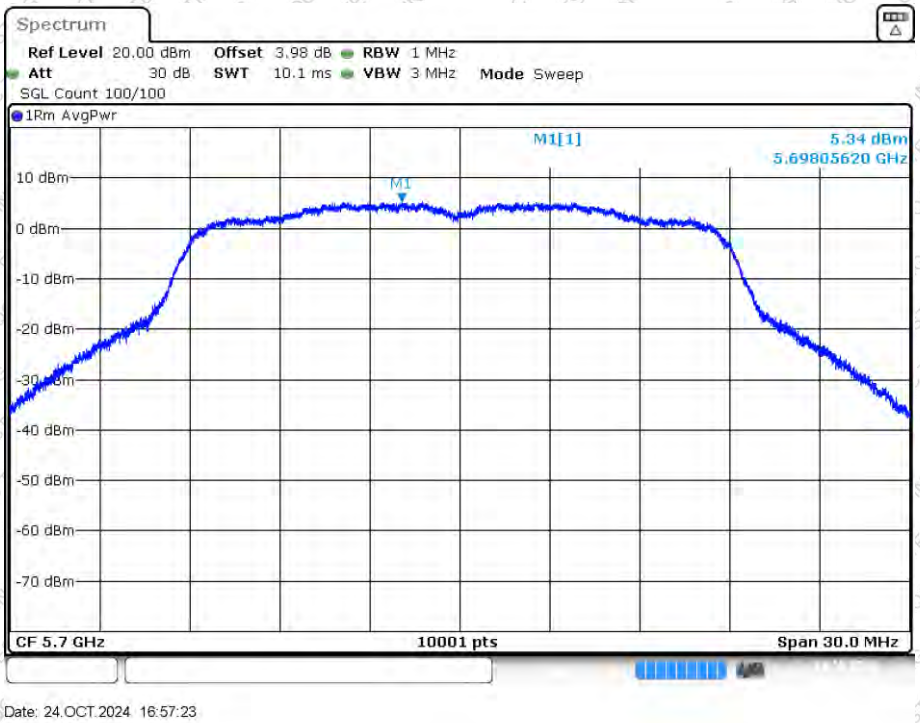


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5580MHz Ant1_SISO

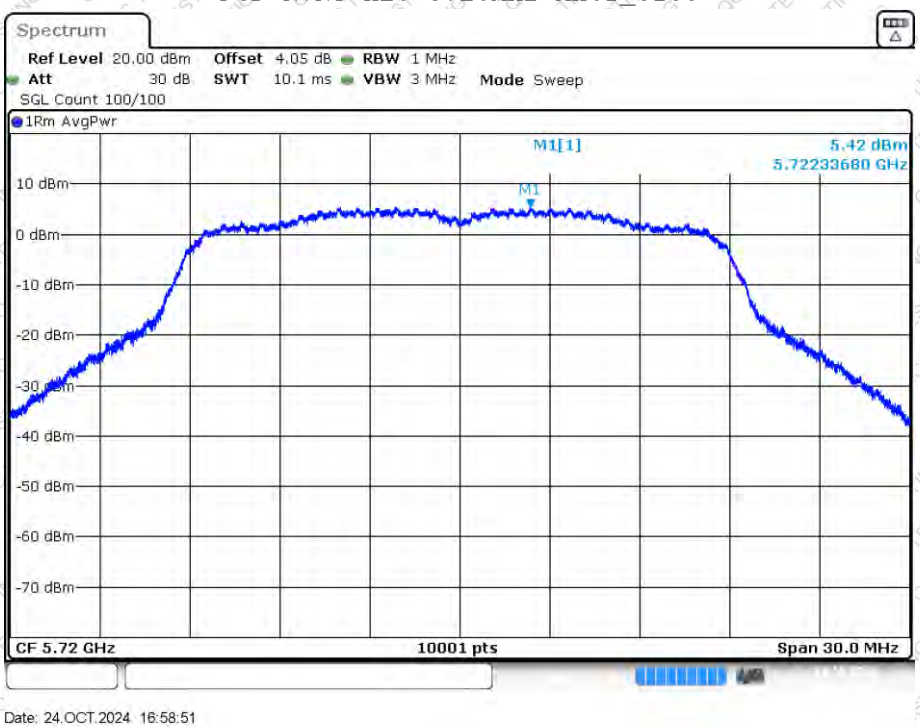


PSD NVNT n20 5700MHz Ant1_SISO

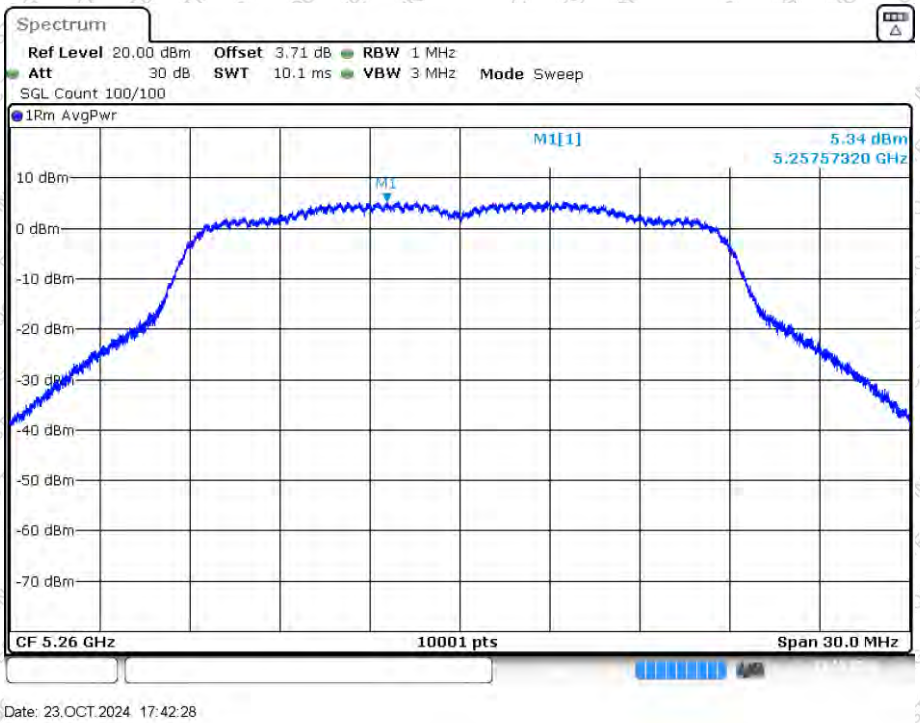


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5720MHz Ant1_SISO

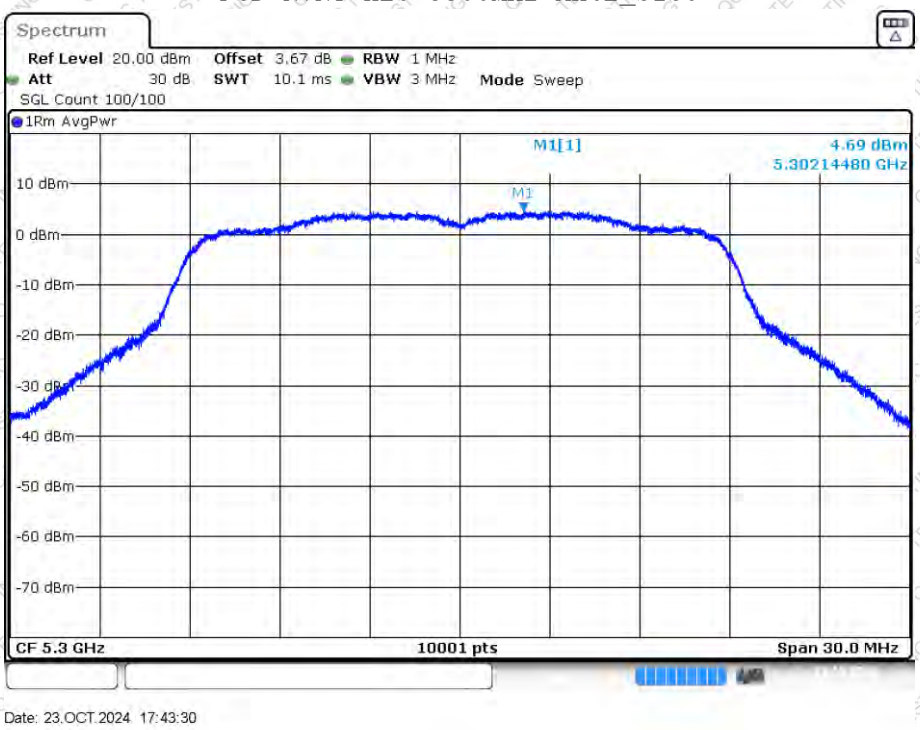


PSD NVNT n20 5260MHz Ant2_SISO

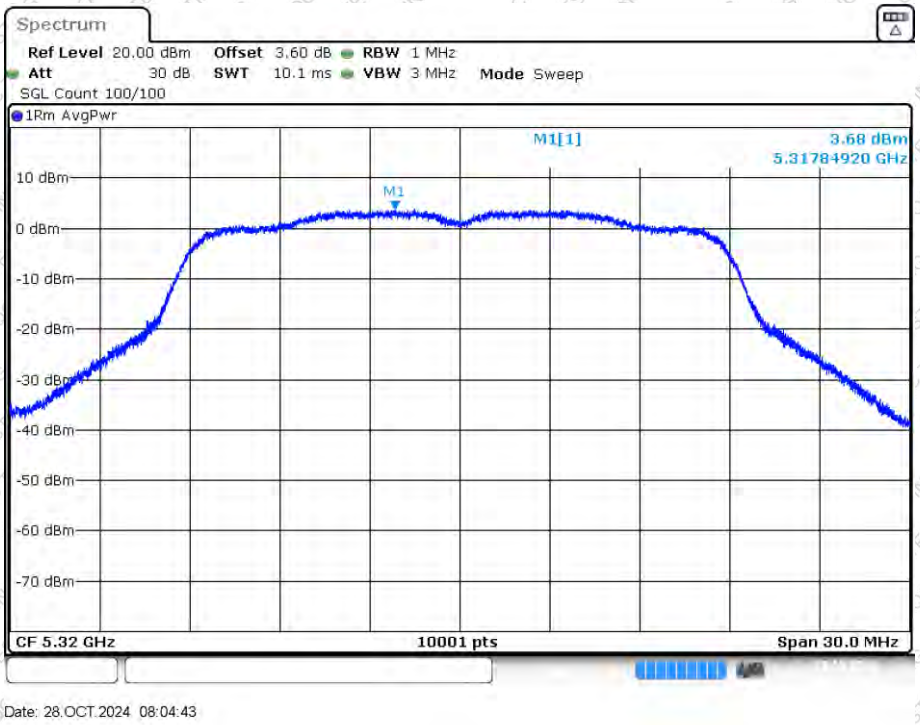


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5300MHz Ant2_SISO

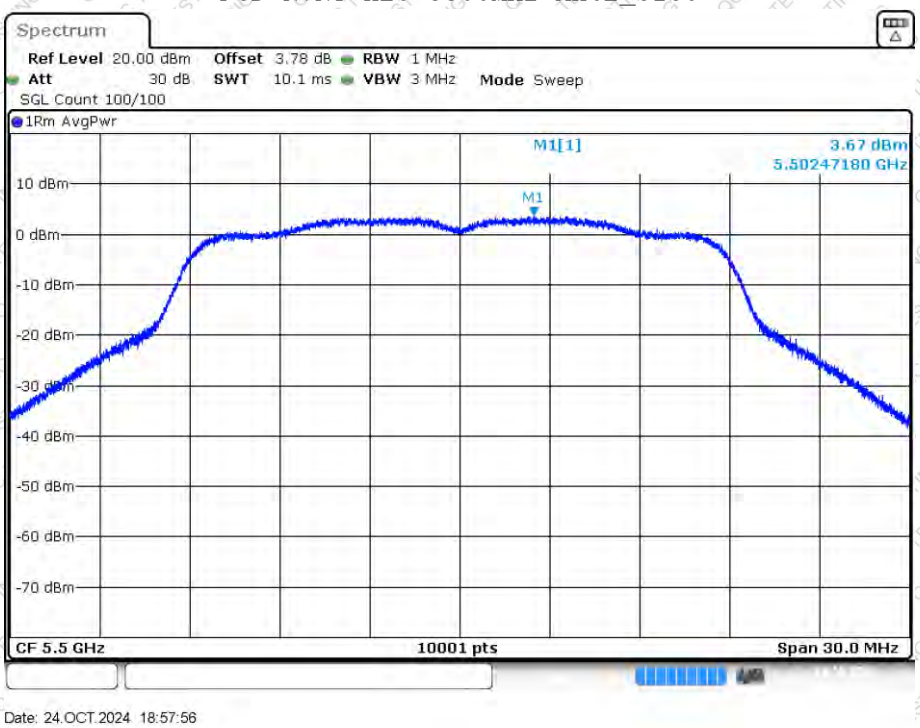


PSD NVNT n20 5320MHz Ant2_SISO

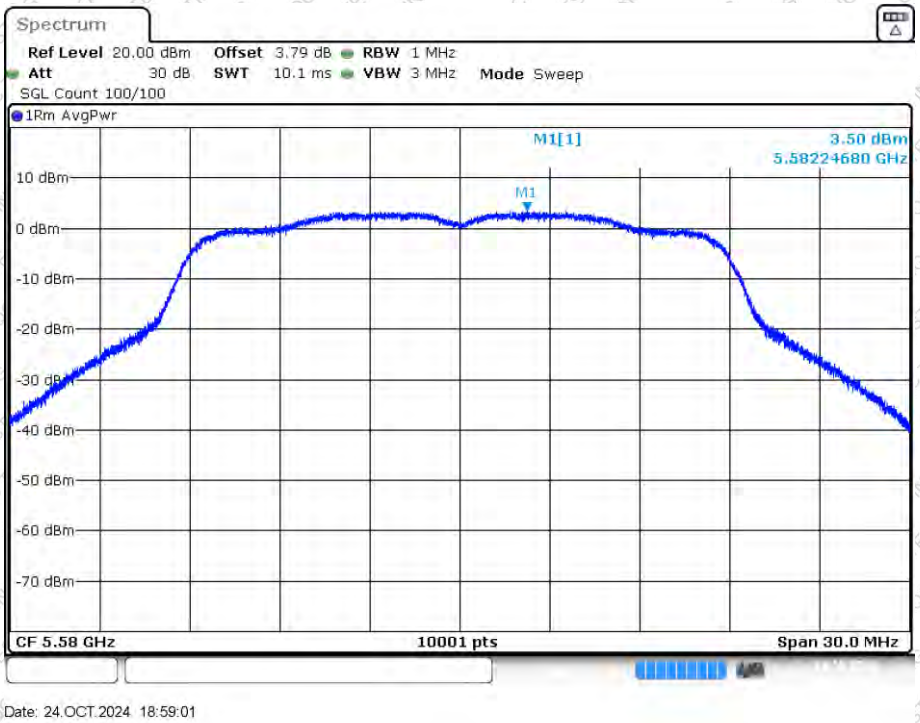


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5500MHz Ant2_SISO

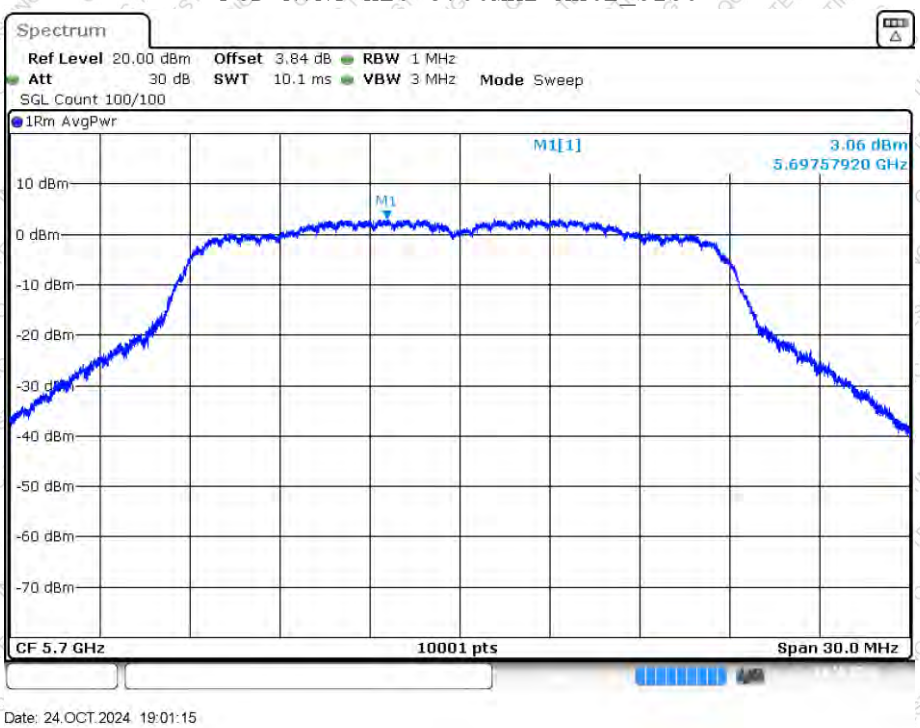


PSD NVNT n20 5580MHz Ant2_SISO

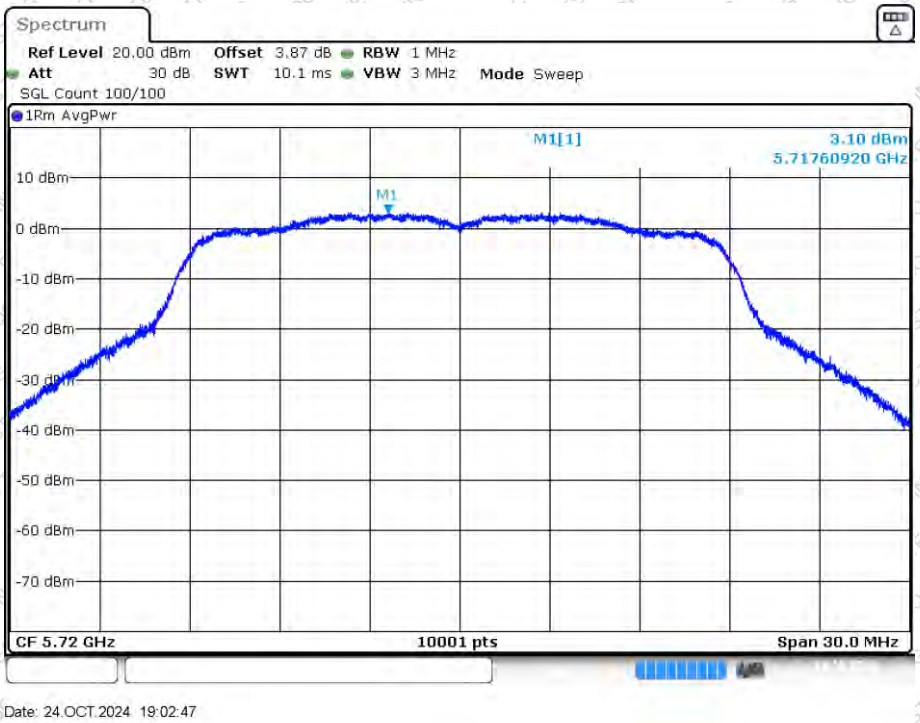


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5700MHz Ant2_SISO

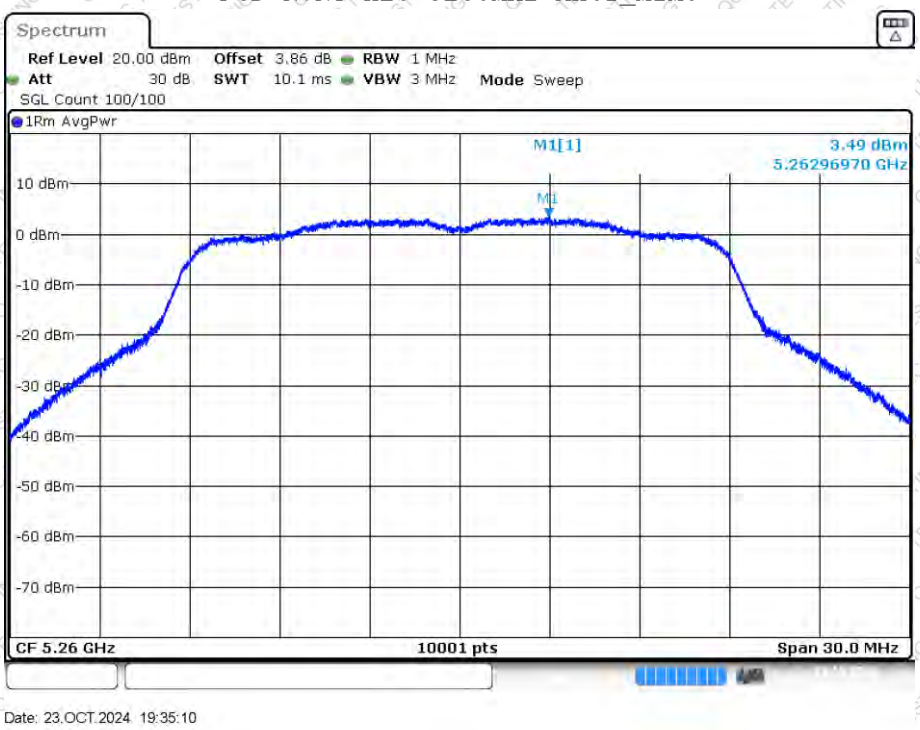


PSD NVNT n20 5720MHz Ant2_SISO

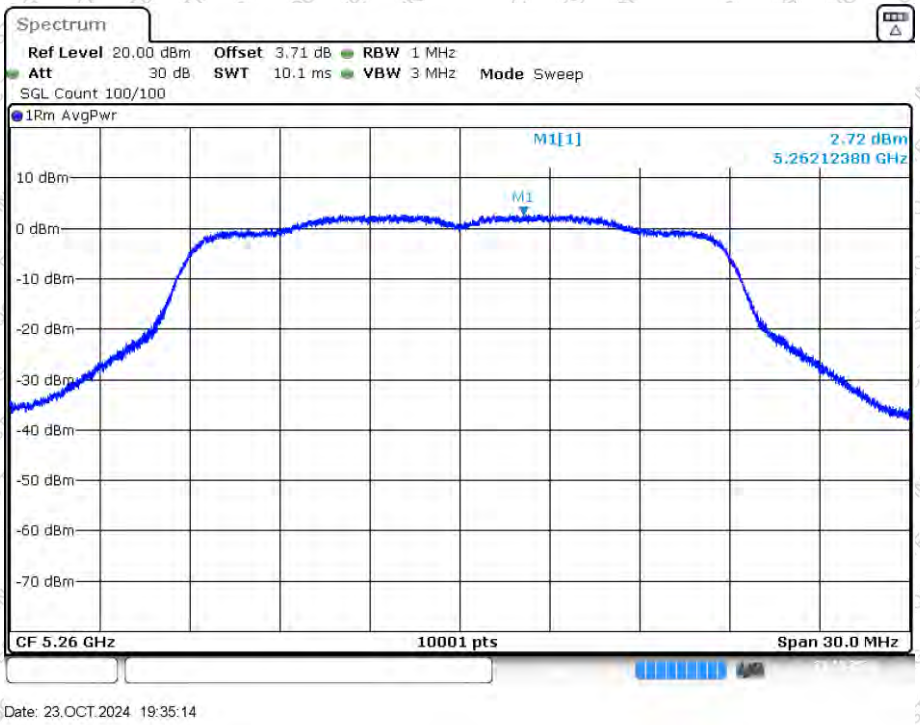


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5260MHz Ant1_MIMO

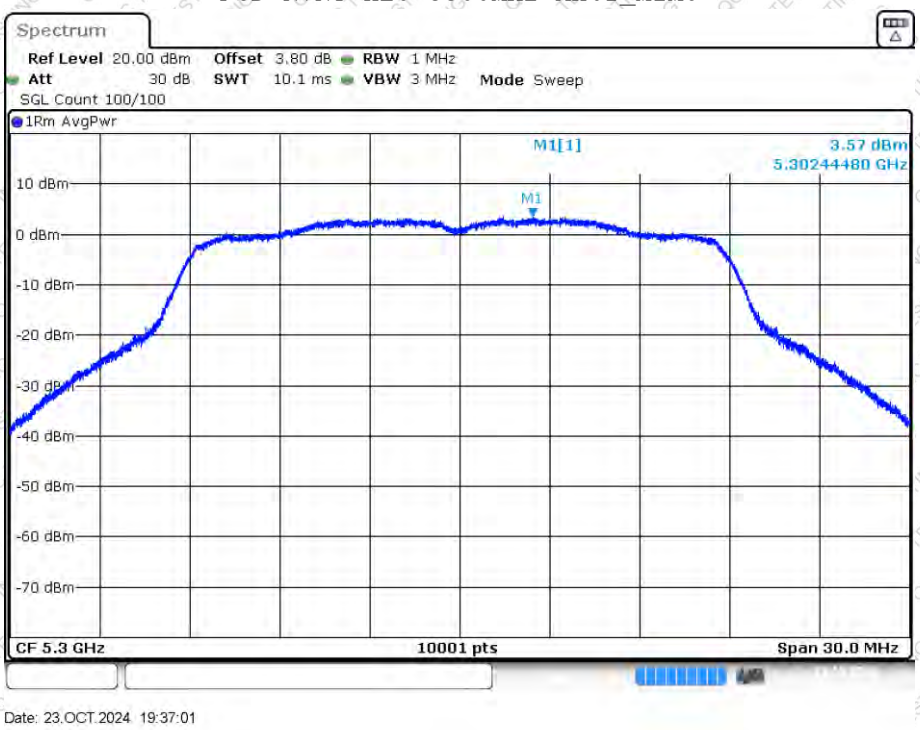


PSD NVNT n20 5260MHz Ant2_MIMO

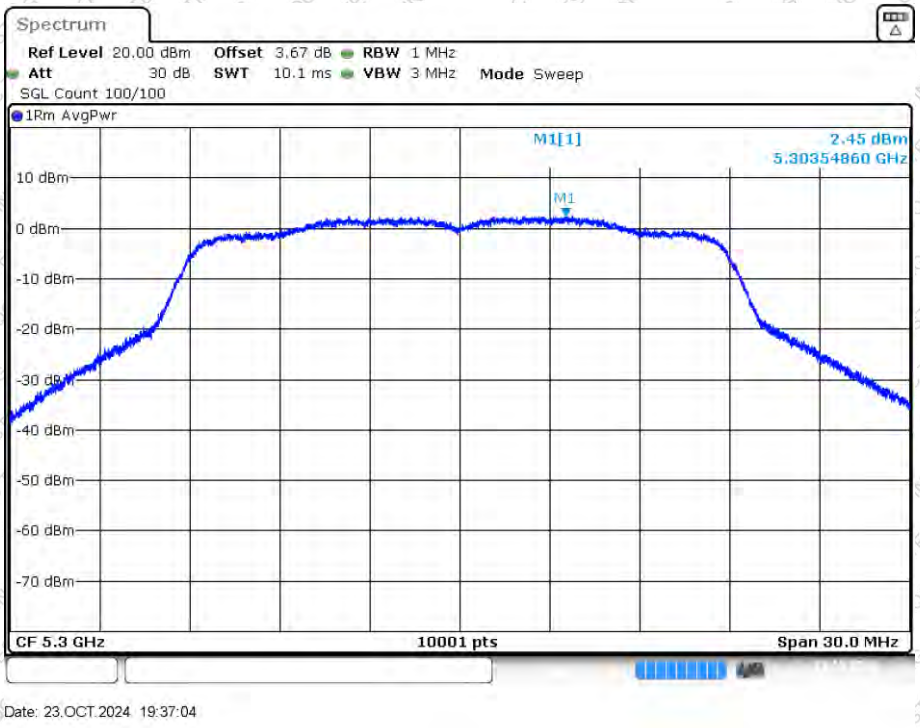


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5300MHz Ant1_MIMO

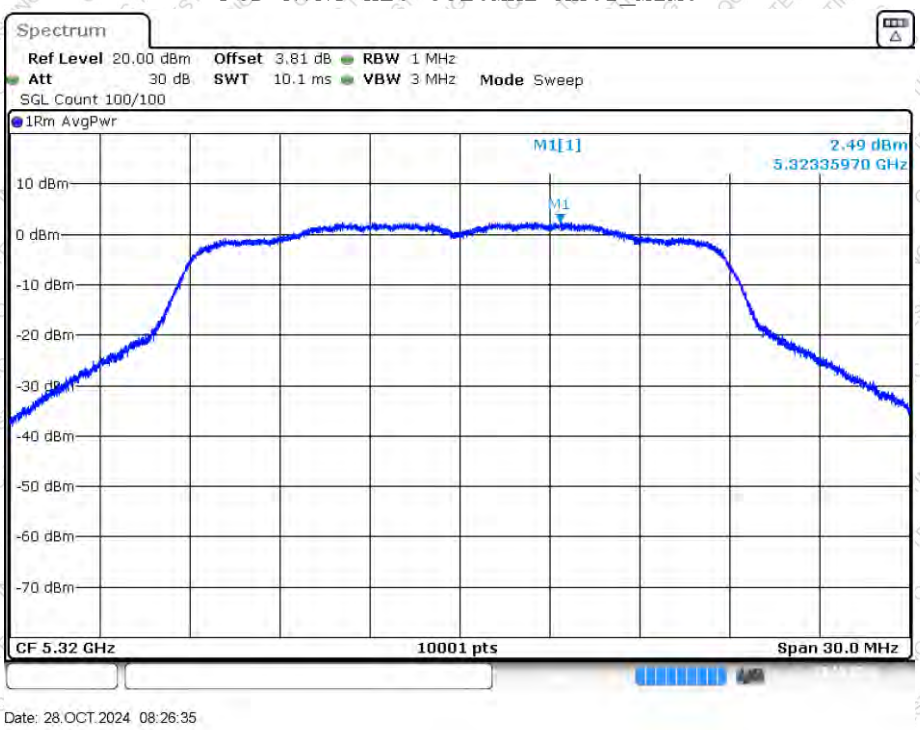


PSD NVNT n20 5300MHz Ant2_MIMO

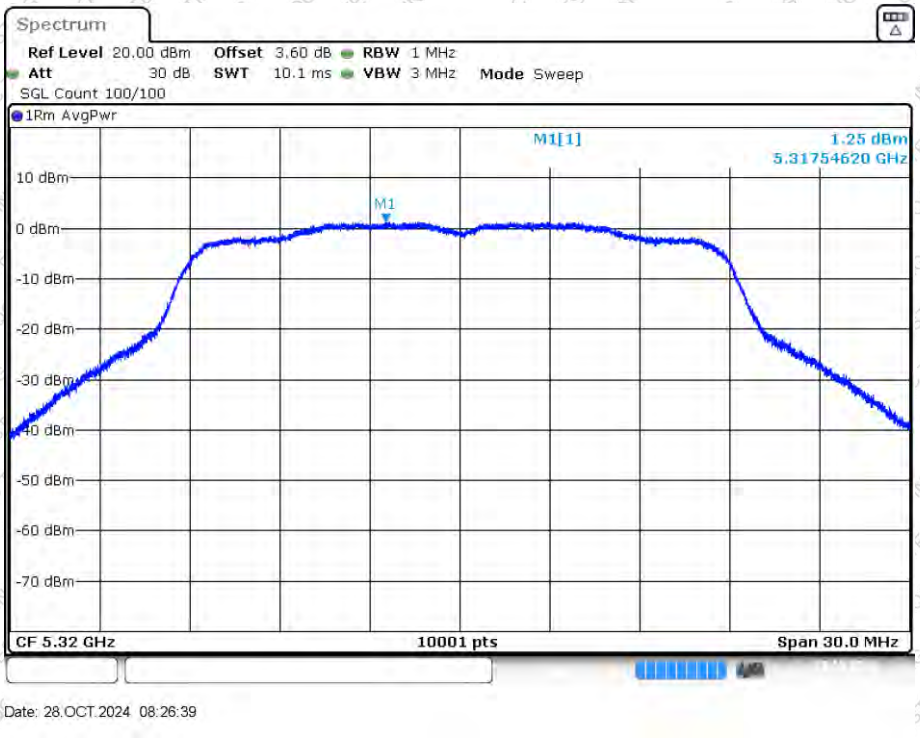


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5320MHz Ant1_MIMO

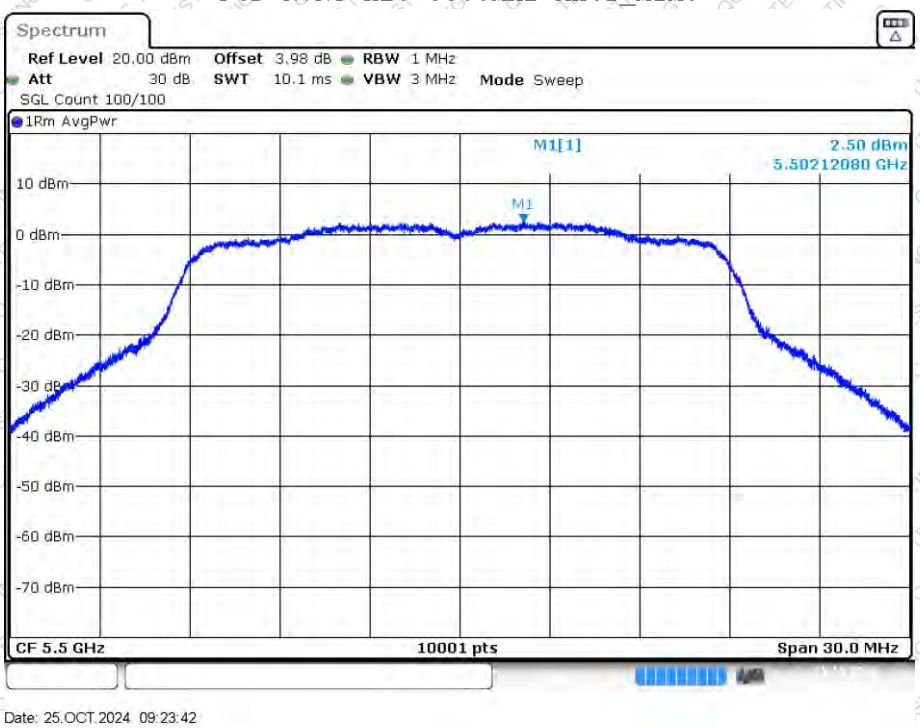


PSD NVNT n20 5320MHz Ant2_MIMO

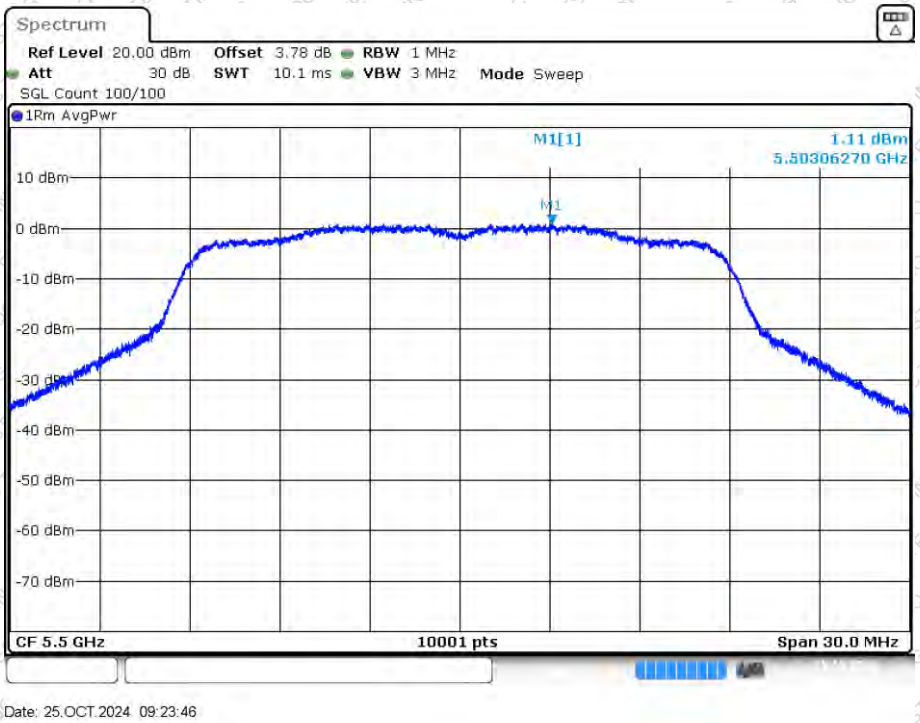


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5500MHz Ant1_MIMO

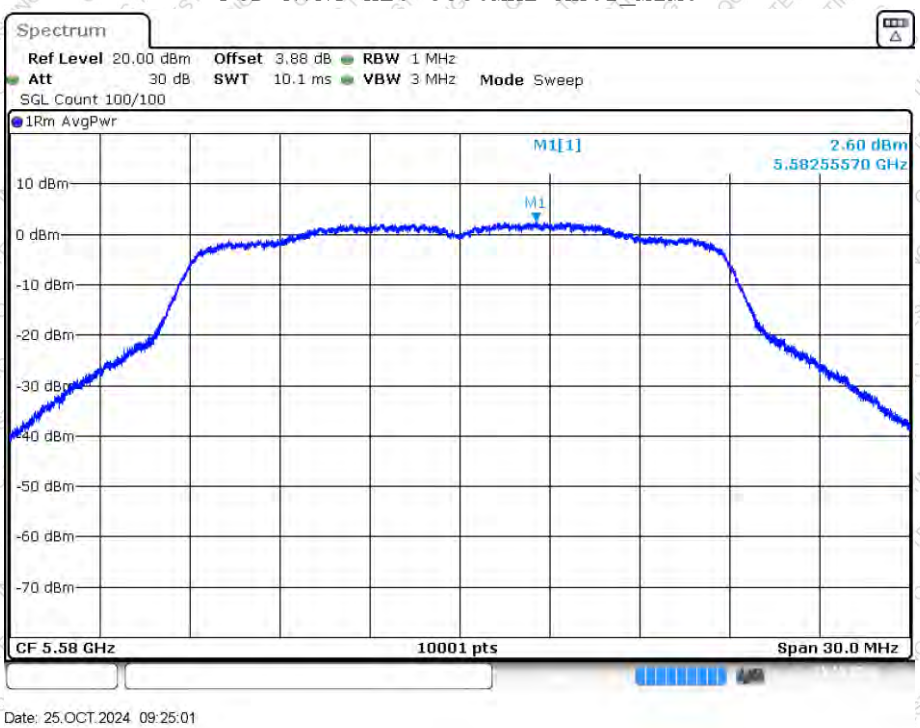


PSD NVNT n20 5500MHz Ant2_MIMO

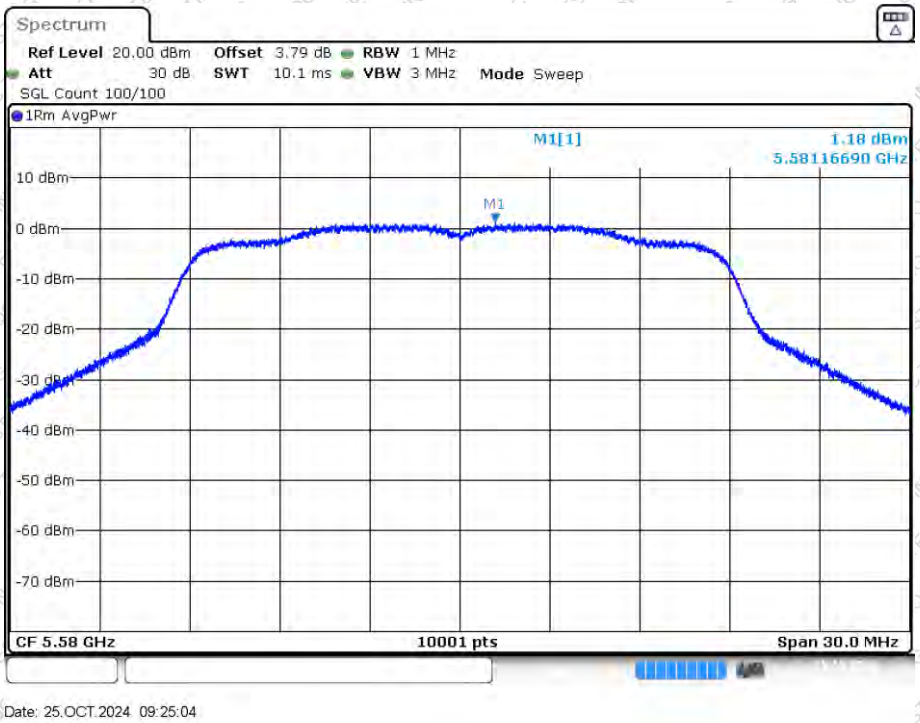


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5580MHz Ant1_MIMO

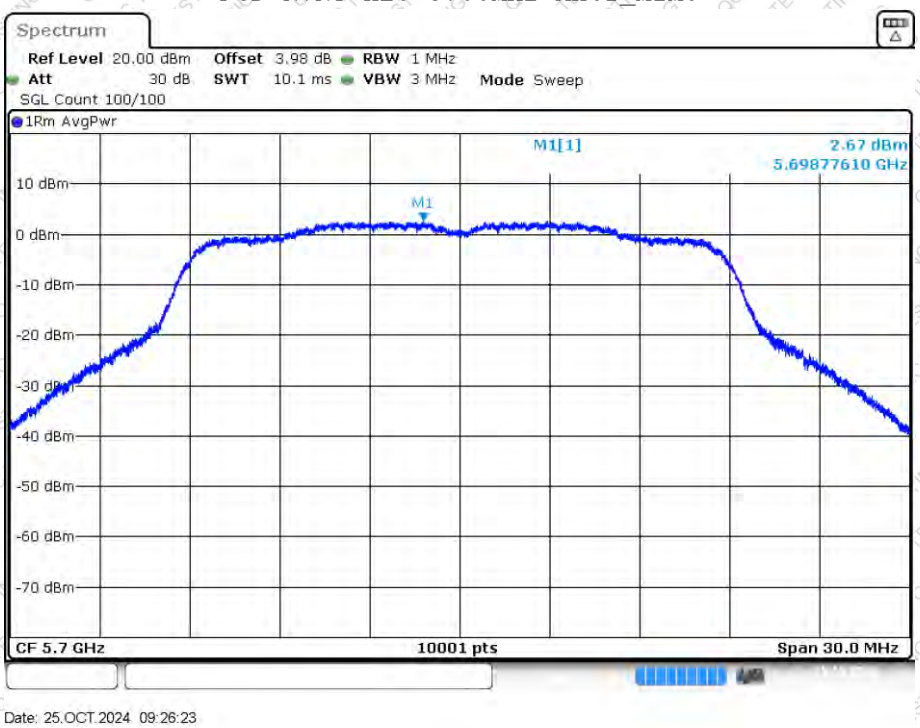


PSD NVNT n20 5580MHz Ant2_MIMO

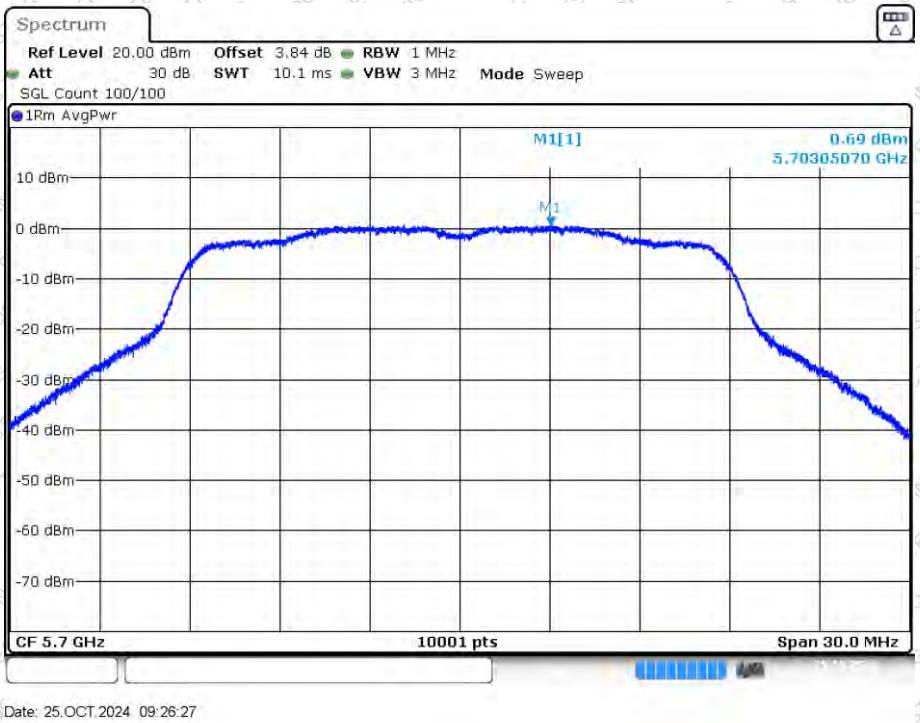


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5700MHz Ant1_MIMO

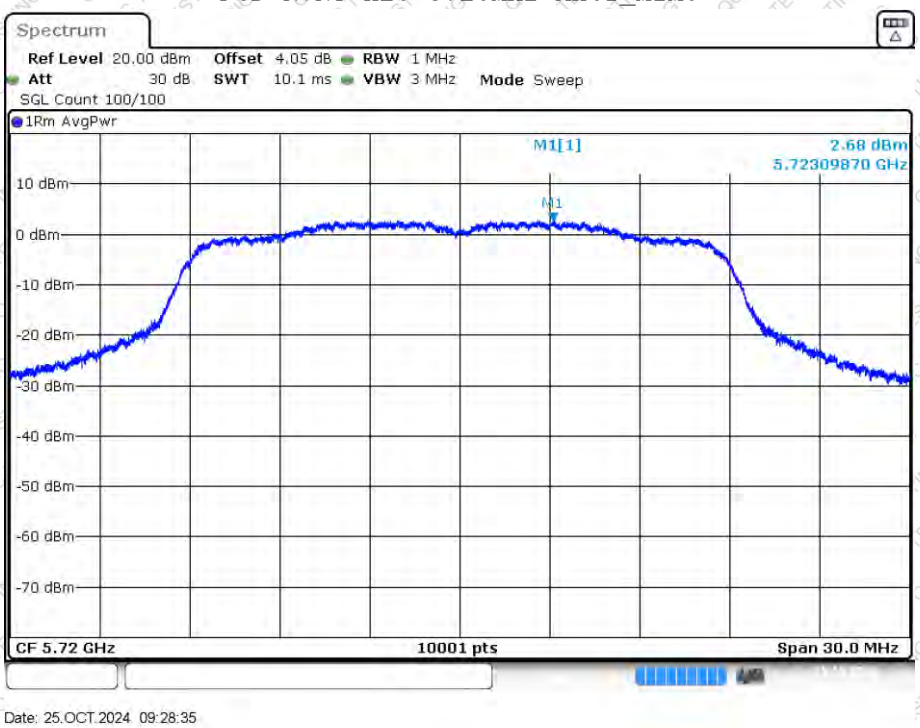


PSD NVNT n20 5700MHz Ant2_MIMO

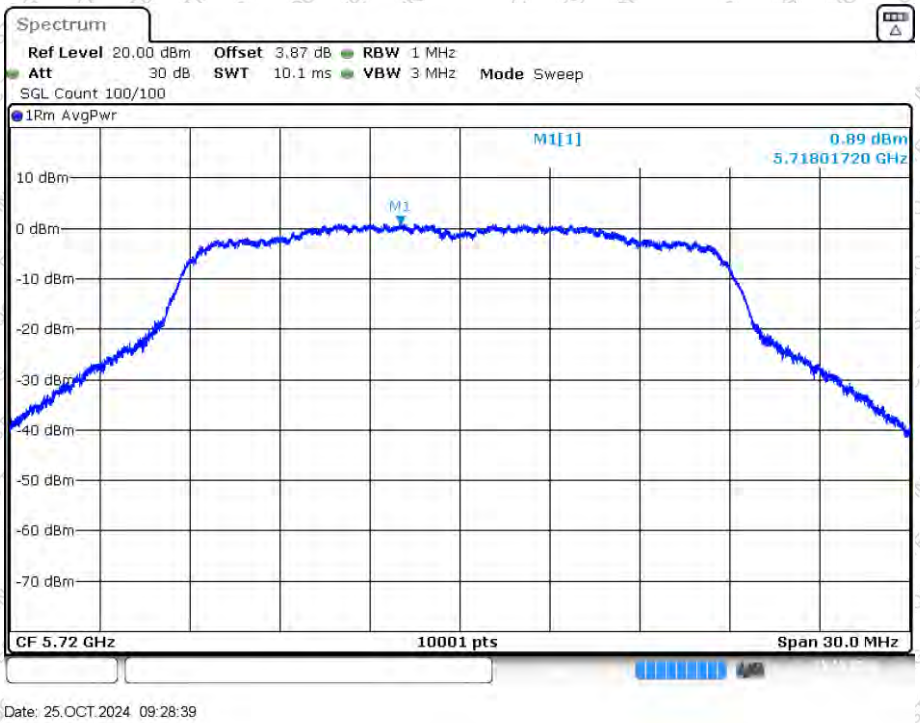


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n20 5720MHz Ant1_MIMO

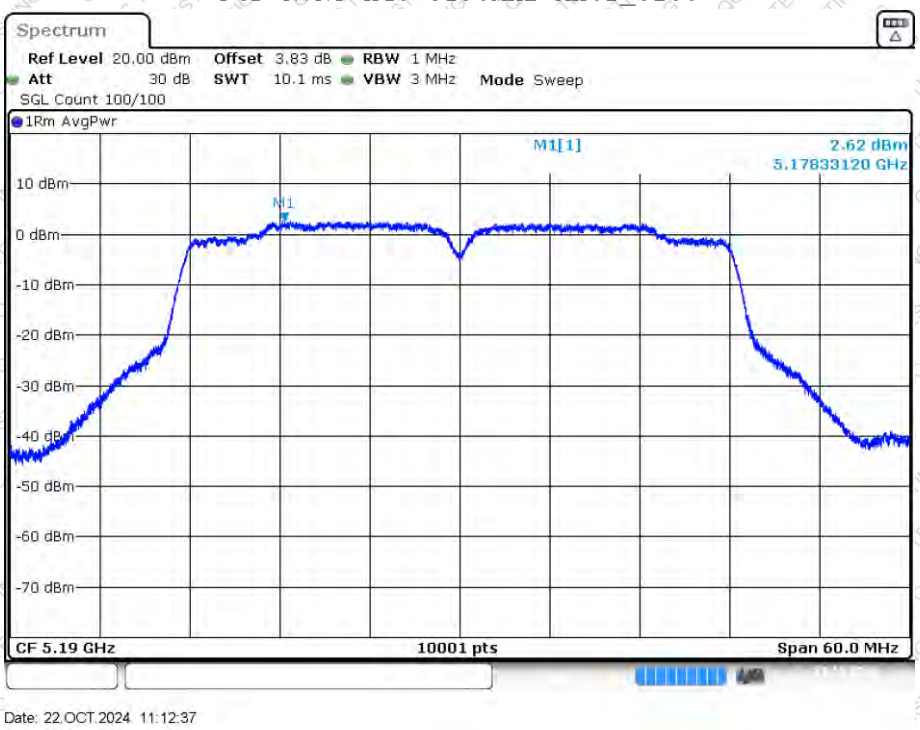


PSD NVNT n20 5720MHz Ant2_MIMO

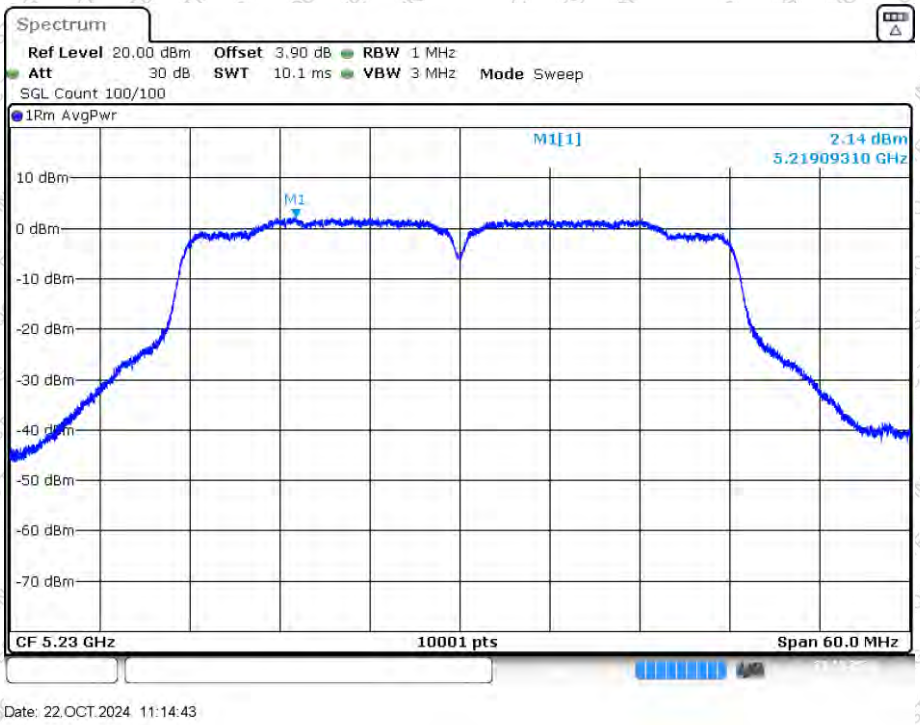


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5190MHz Ant1_SISO

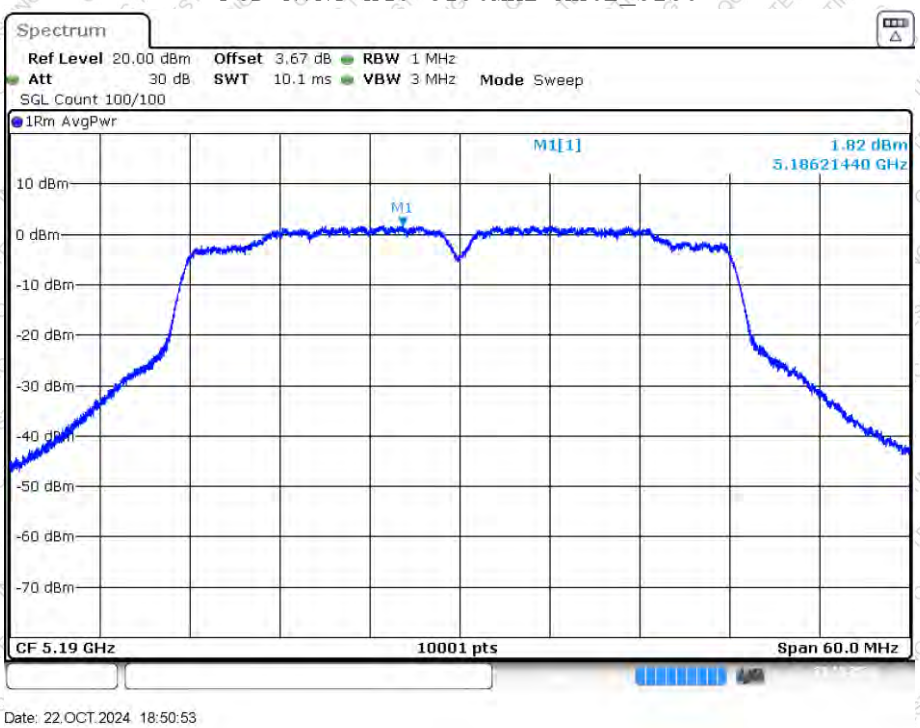


PSD NVNT n40 5230MHz Ant1_SISO

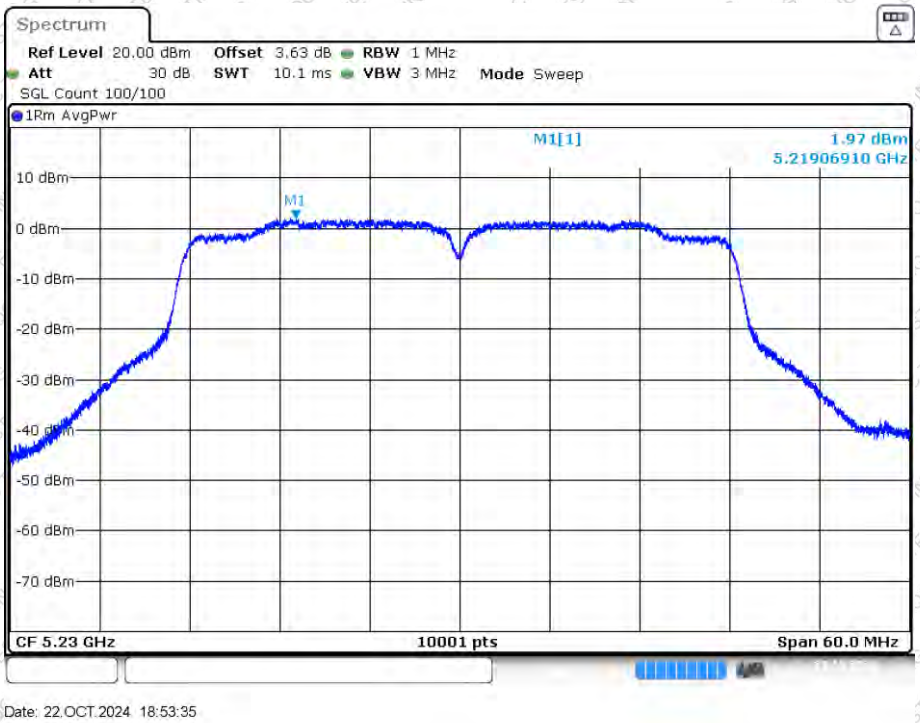


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5190MHz Ant2_SISO

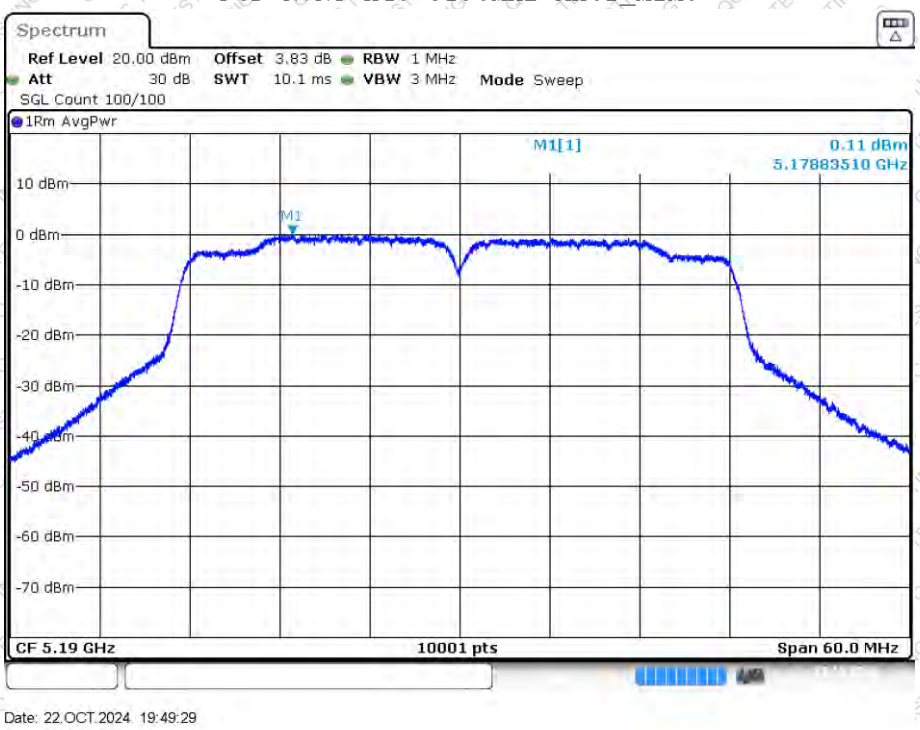


PSD NVNT n40 5230MHz Ant2_SISO

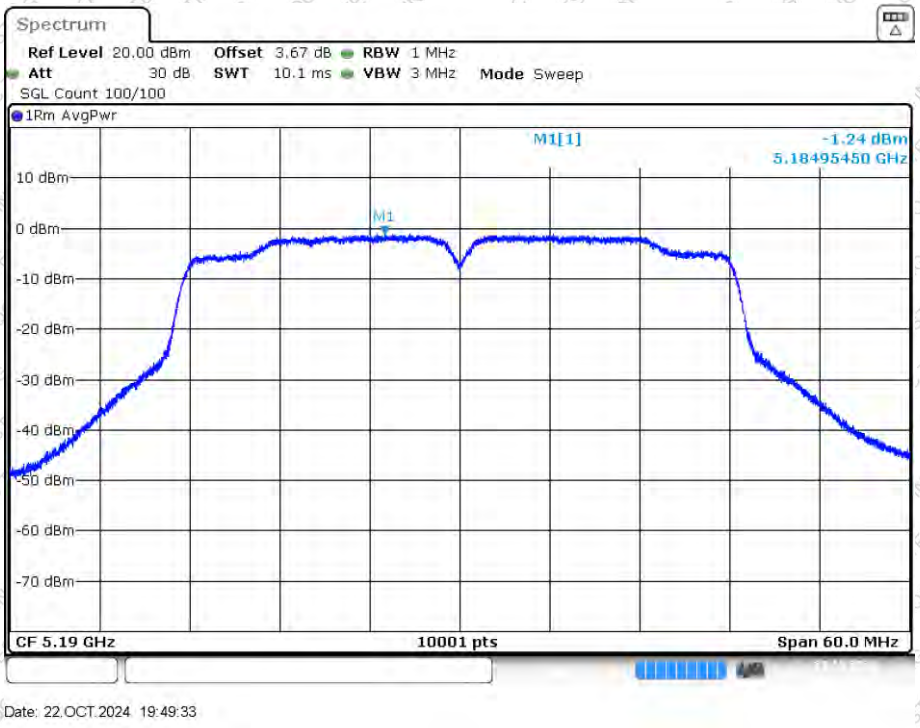


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5190MHz Ant1_MIMO

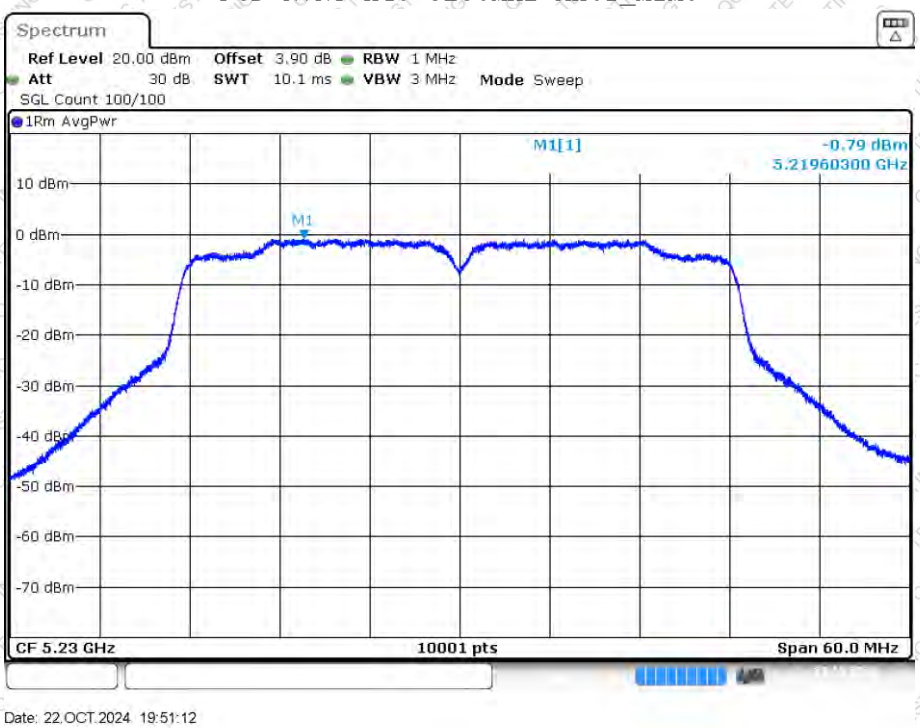


PSD NVNT n40 5190MHz Ant2_MIMO

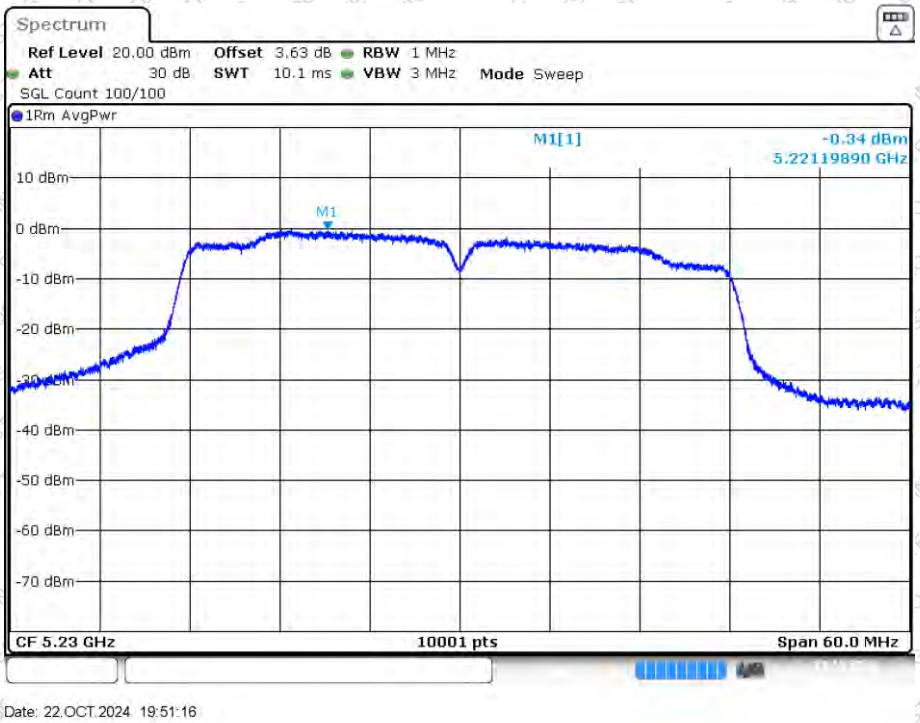


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5230MHz Ant1_MIMO

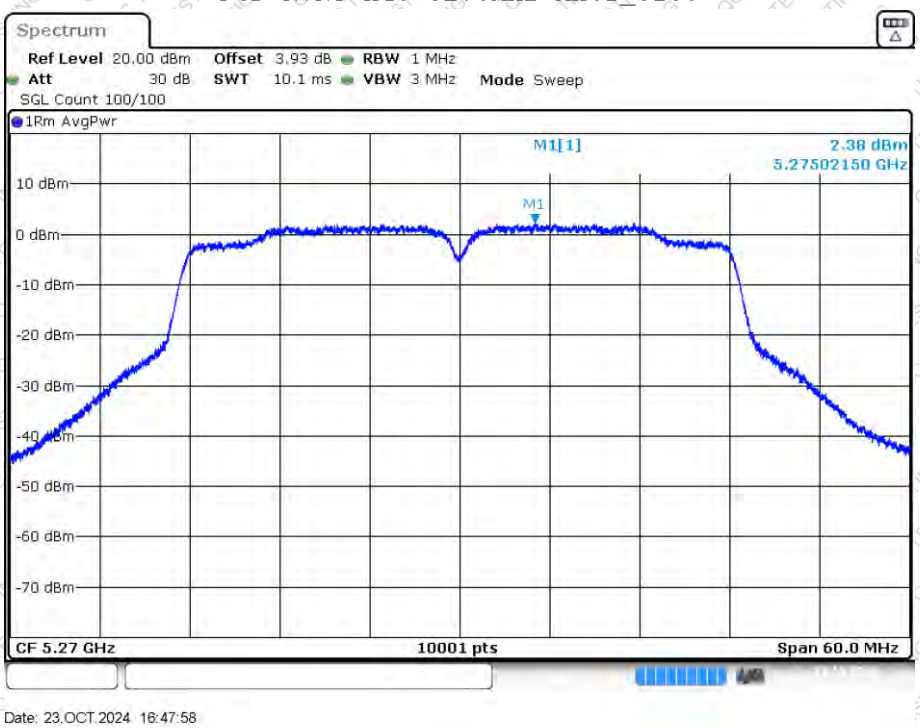


PSD NVNT n40 5230MHz Ant2_MIMO

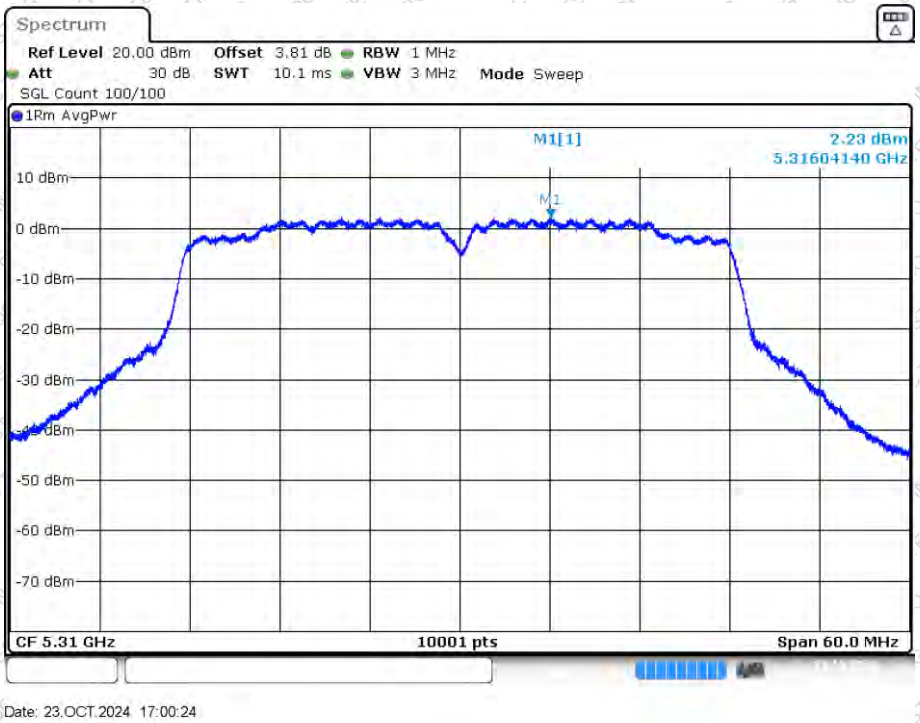


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5270MHz Ant1_SISO

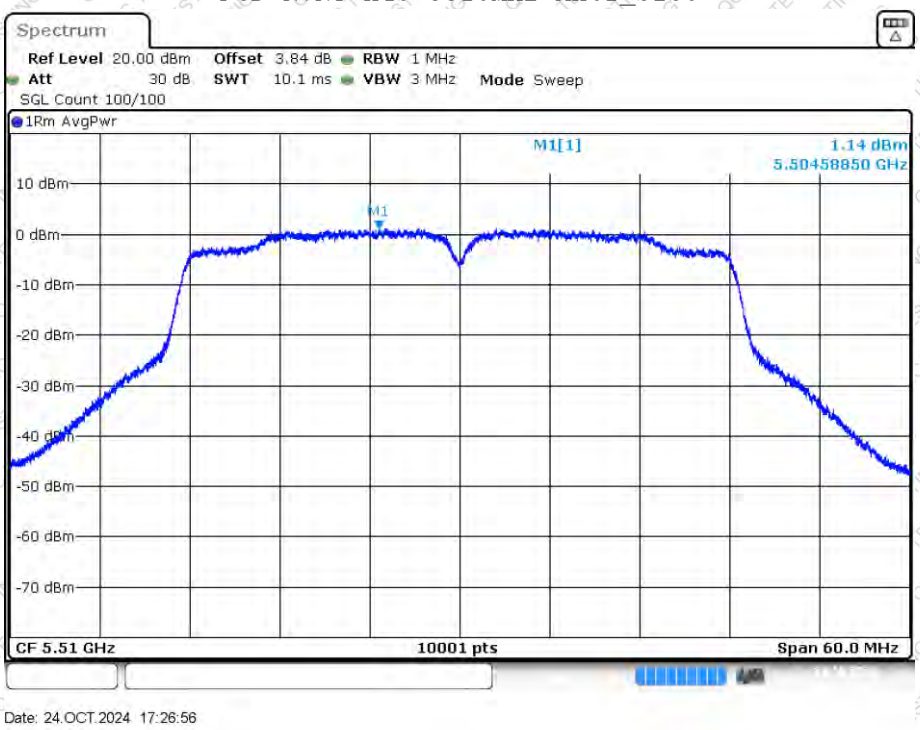


PSD NVNT n40 5310MHz Ant1_SISO

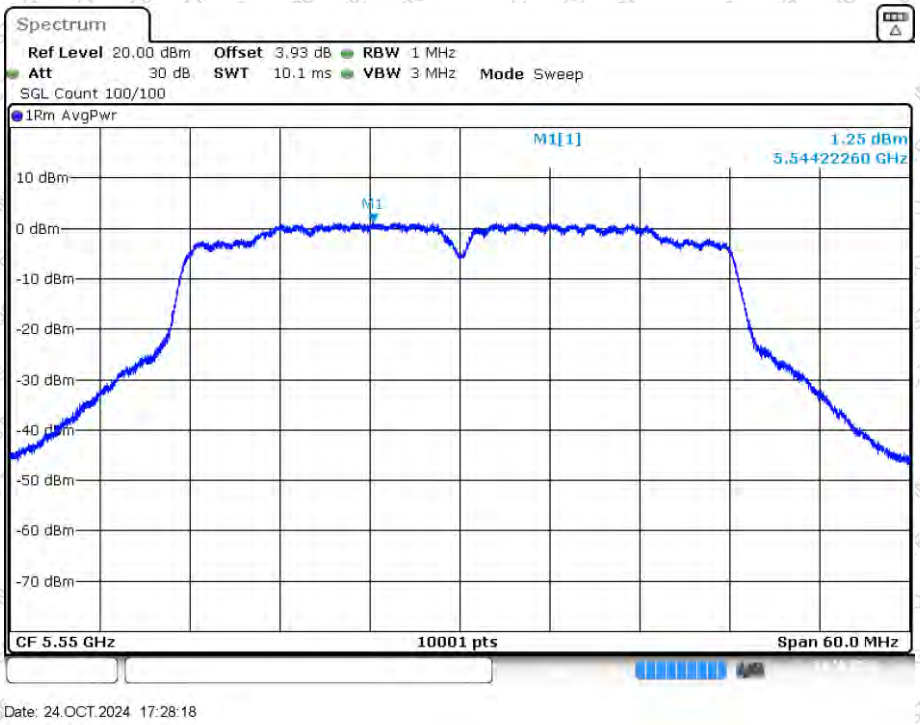


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5510MHz Ant1_SISO

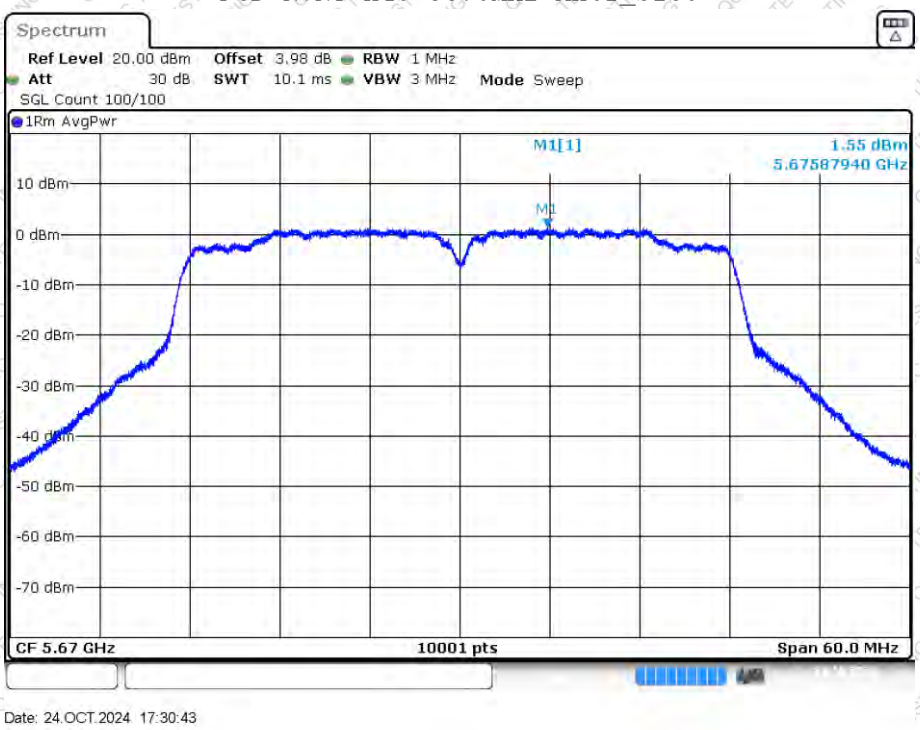


PSD NVNT n40 5550MHz Ant1_SISO

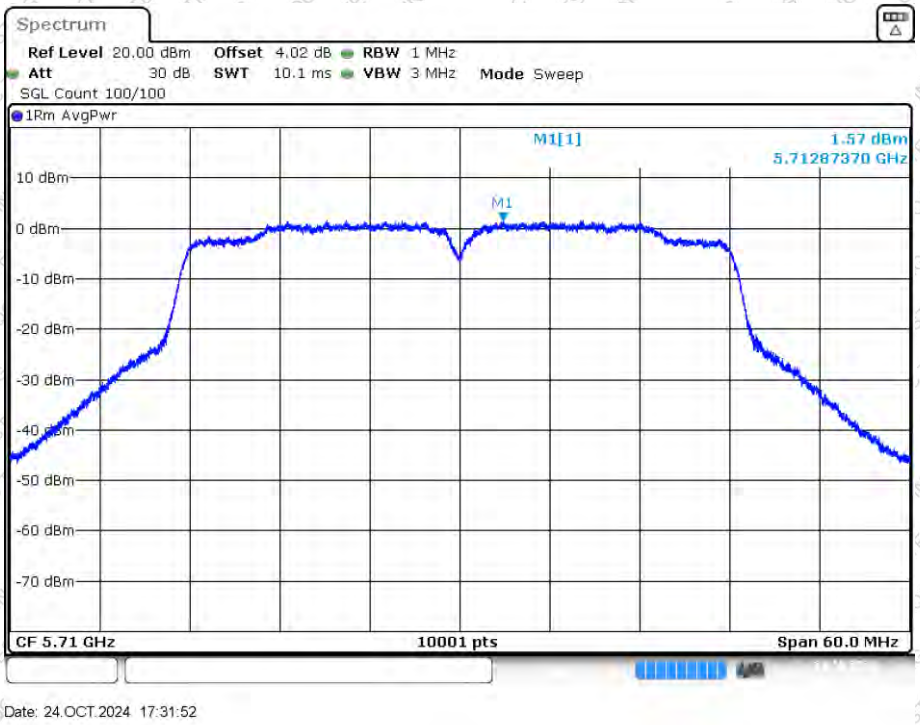


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5670MHz Ant1_SISO

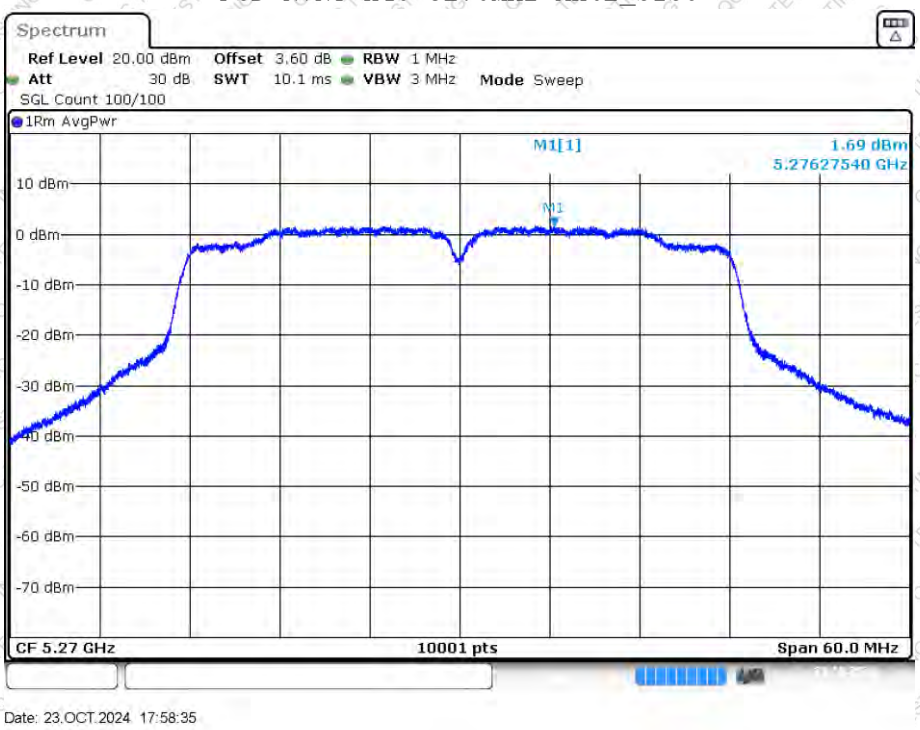


PSD NVNT n40 5710MHz Ant1_SISO

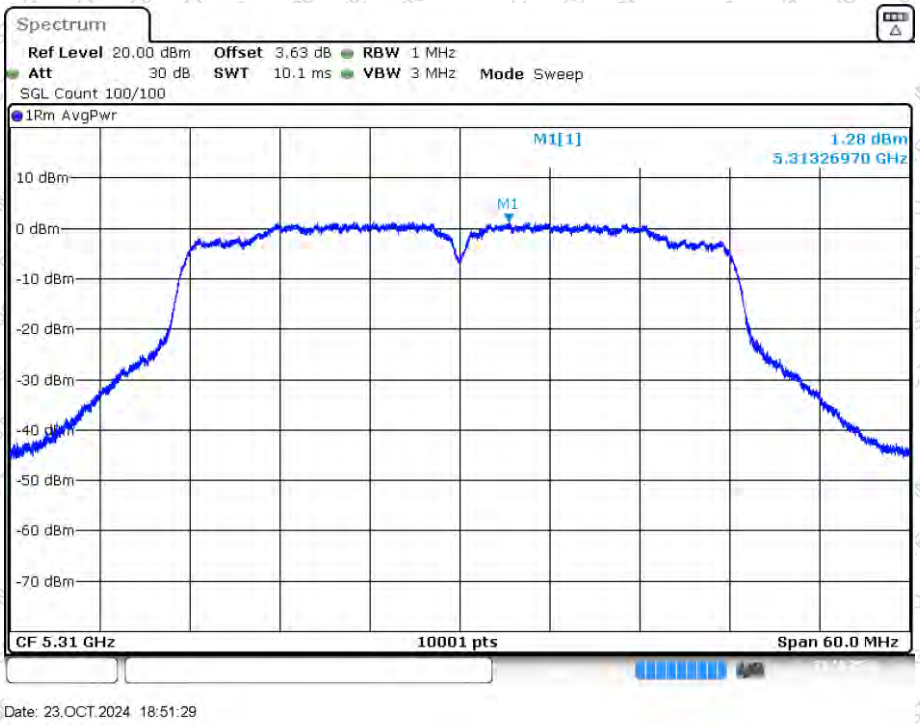


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5270MHz Ant2_SISO

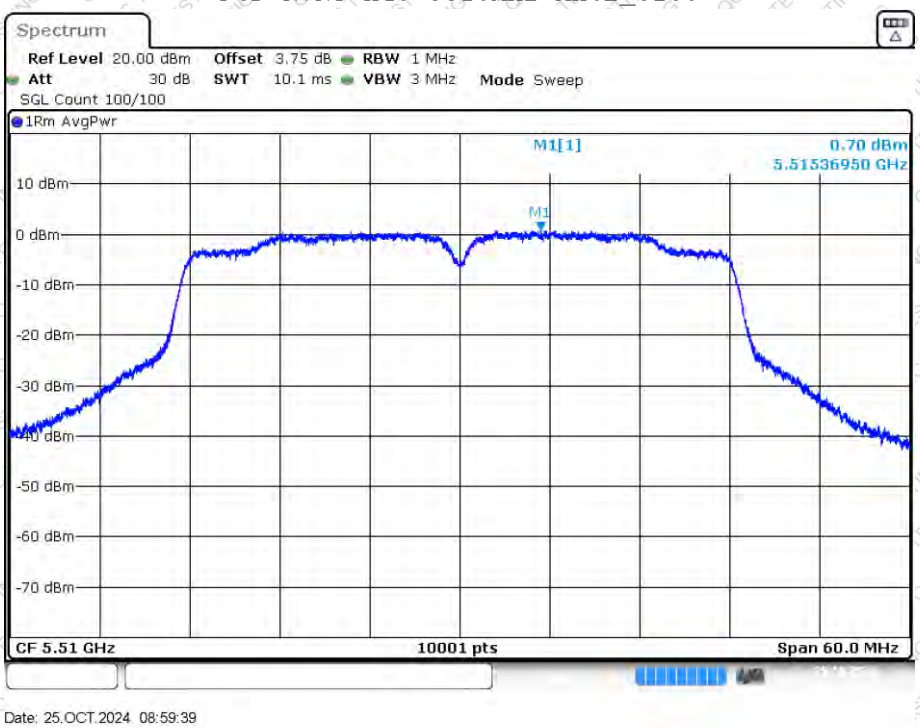


PSD NVNT n40 5310MHz Ant2_SISO

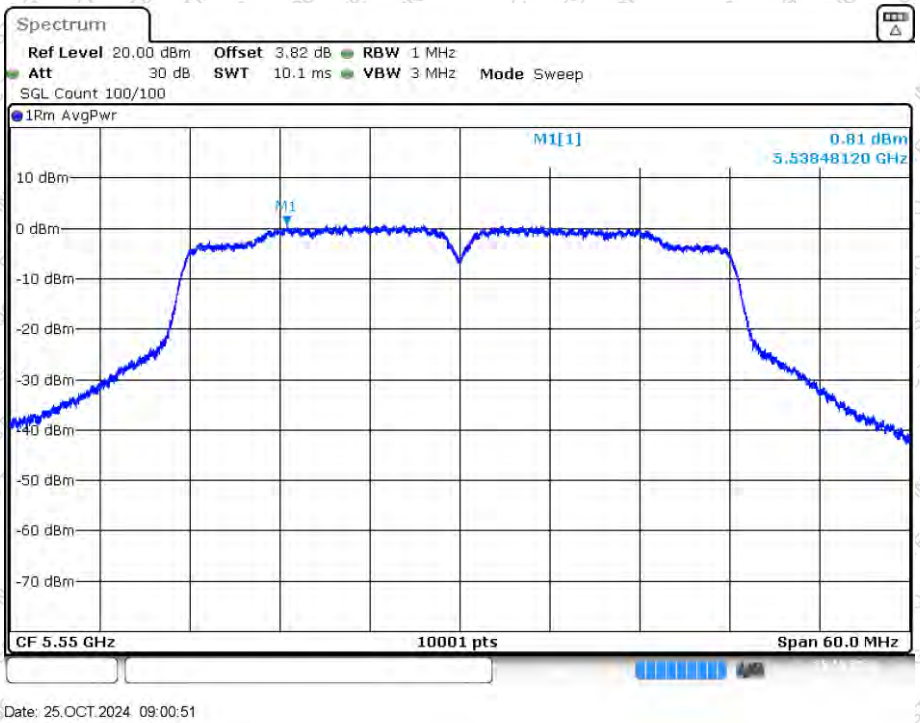


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5510MHz Ant2_SISO

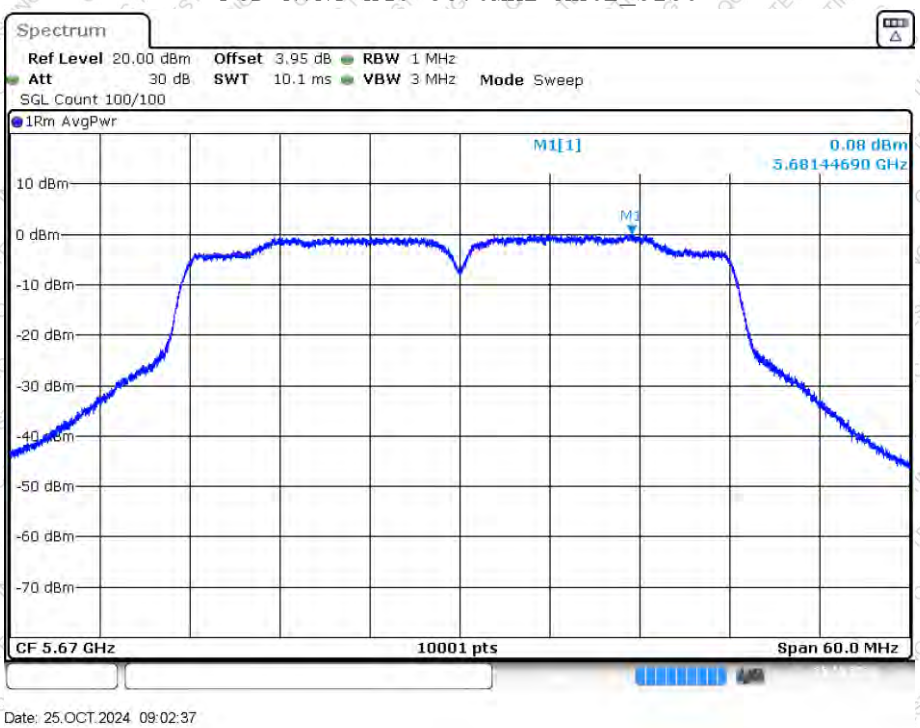


PSD NVNT n40 5550MHz Ant2_SISO

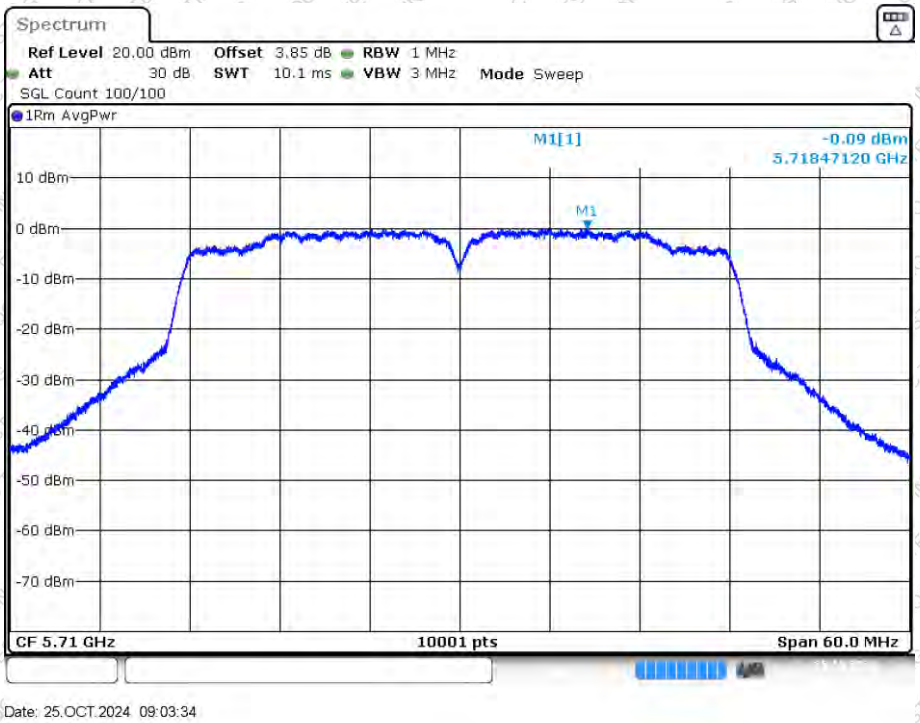


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5670MHz Ant2_SISO

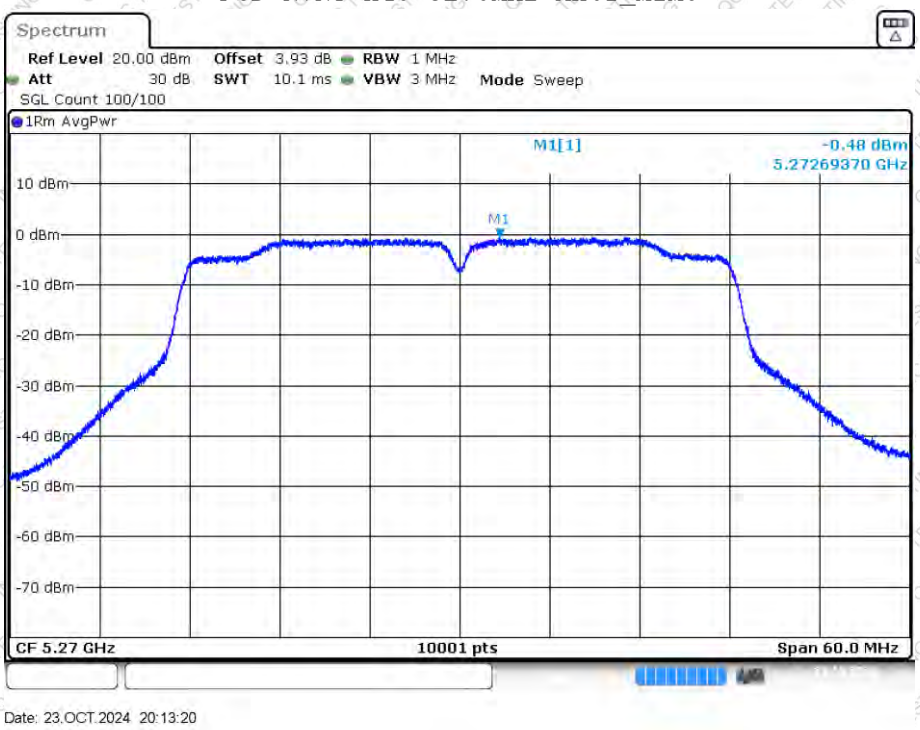


PSD NVNT n40 5710MHz Ant2_SISO

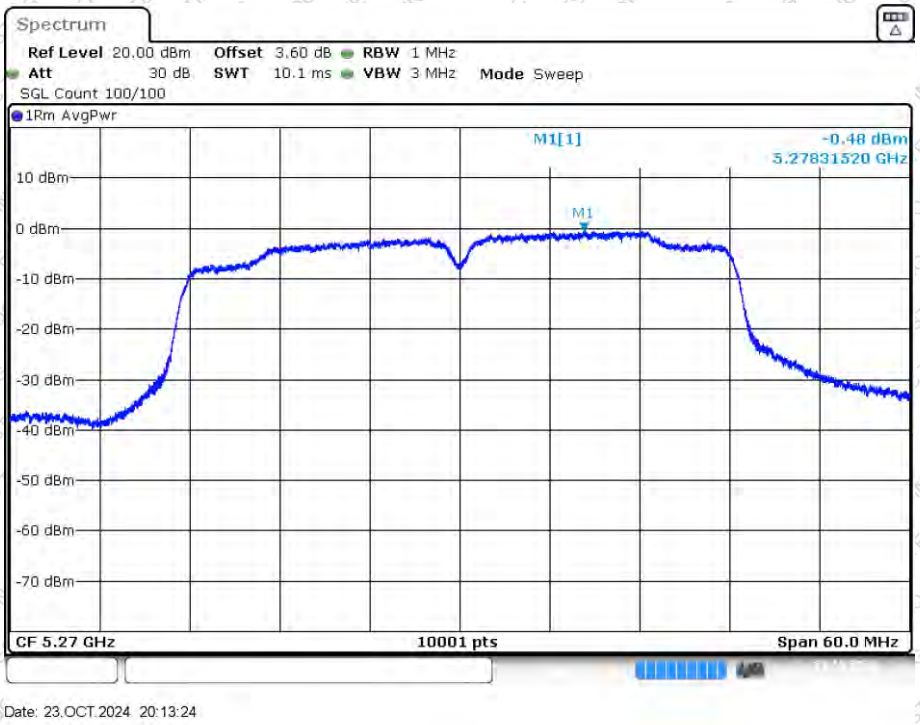


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5270MHz Ant1_MIMO

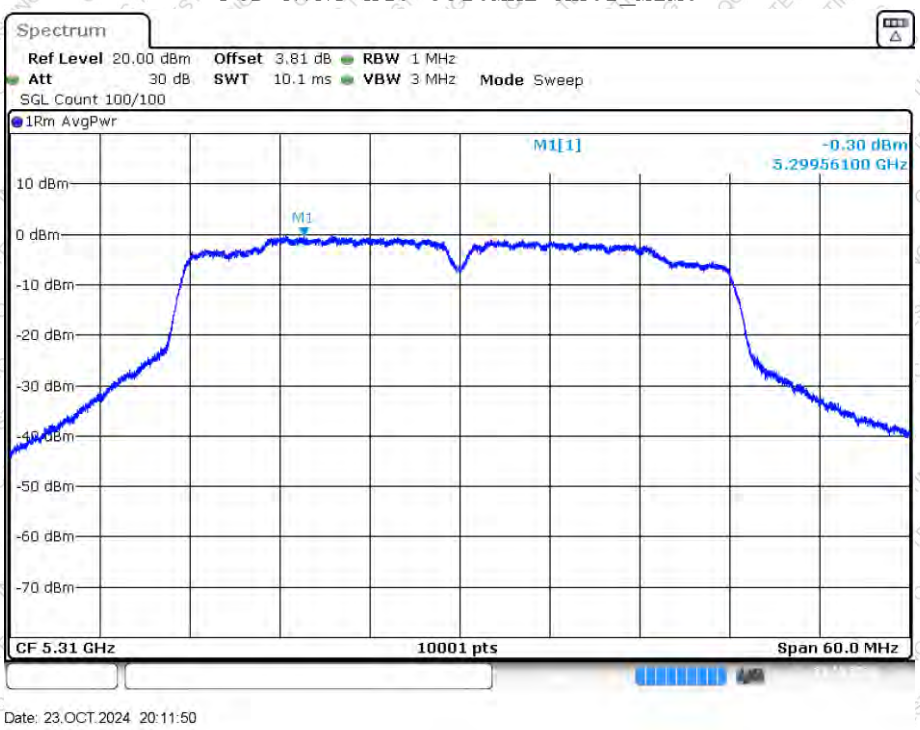


PSD NVNT n40 5270MHz Ant2_MIMO

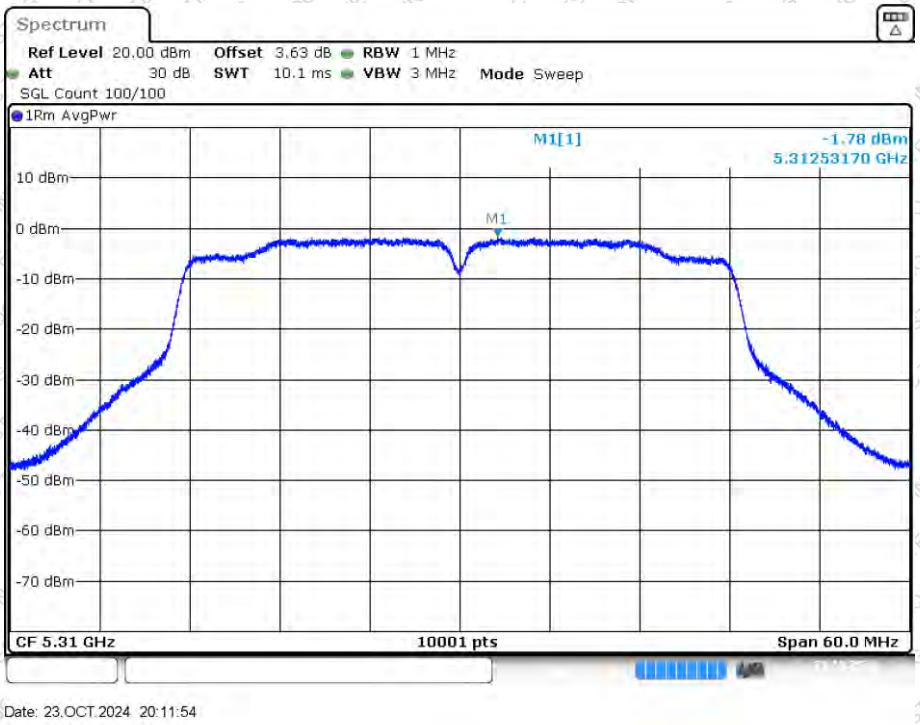


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5310MHz Ant1_MIMO

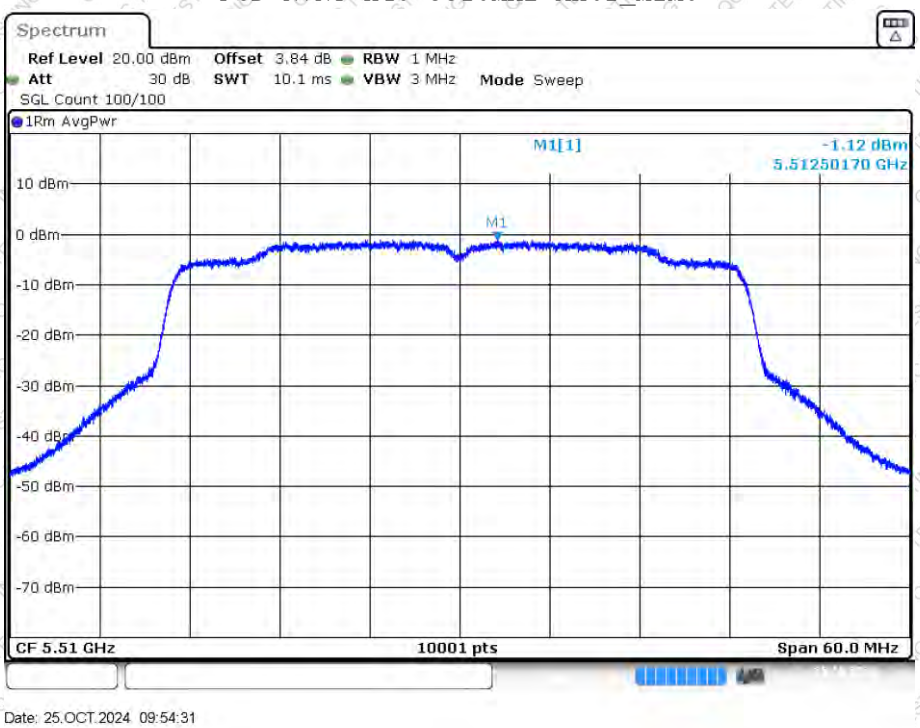


PSD NVNT n40 5310MHz Ant2_MIMO

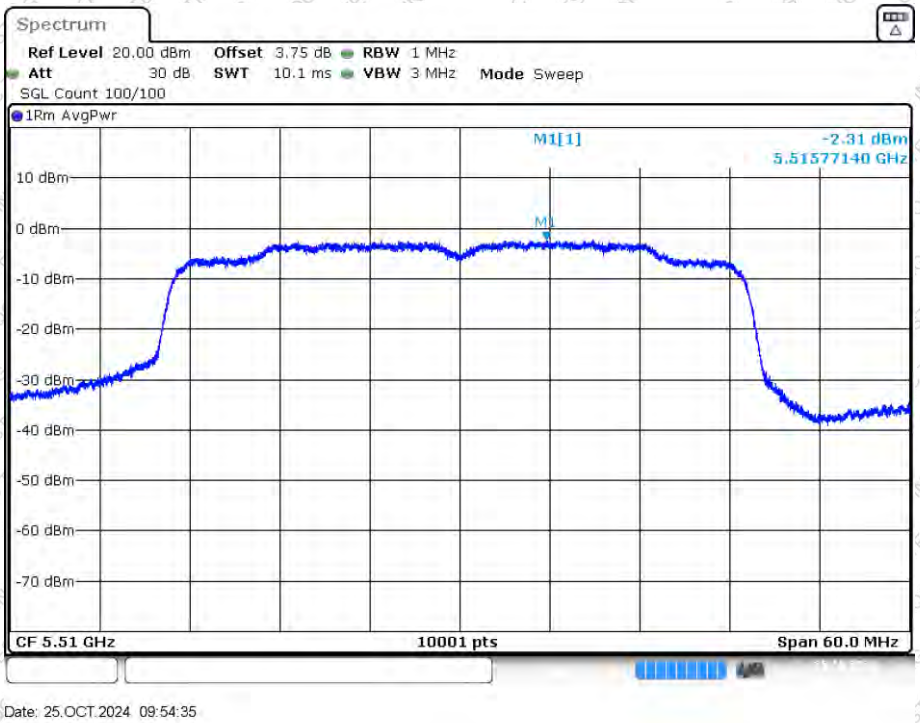


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5510MHz Ant1_MIMO

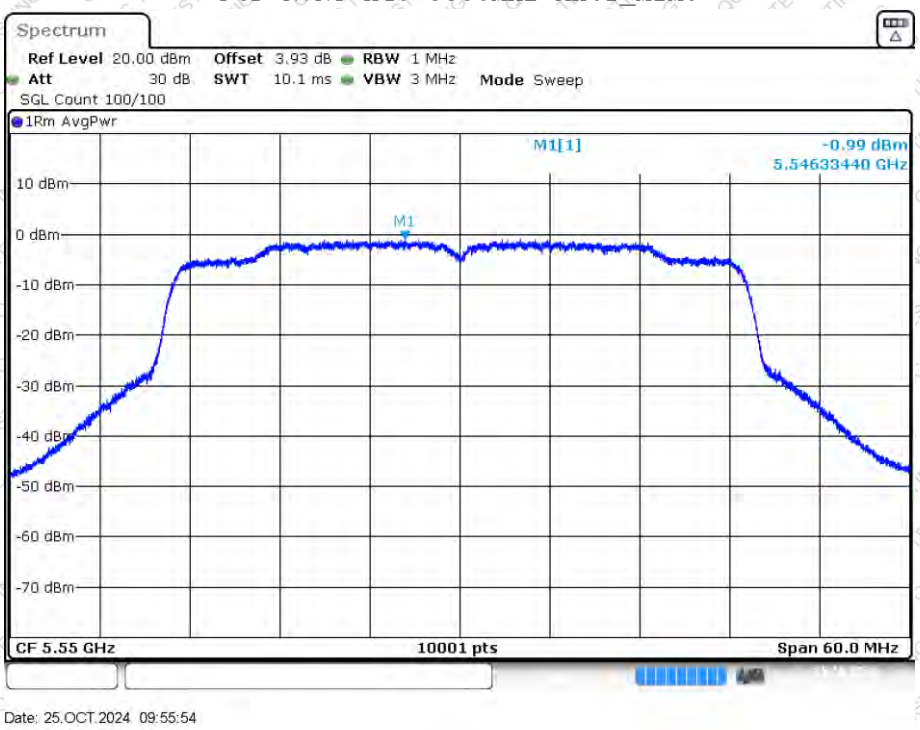


PSD NVNT n40 5510MHz Ant2_MIMO

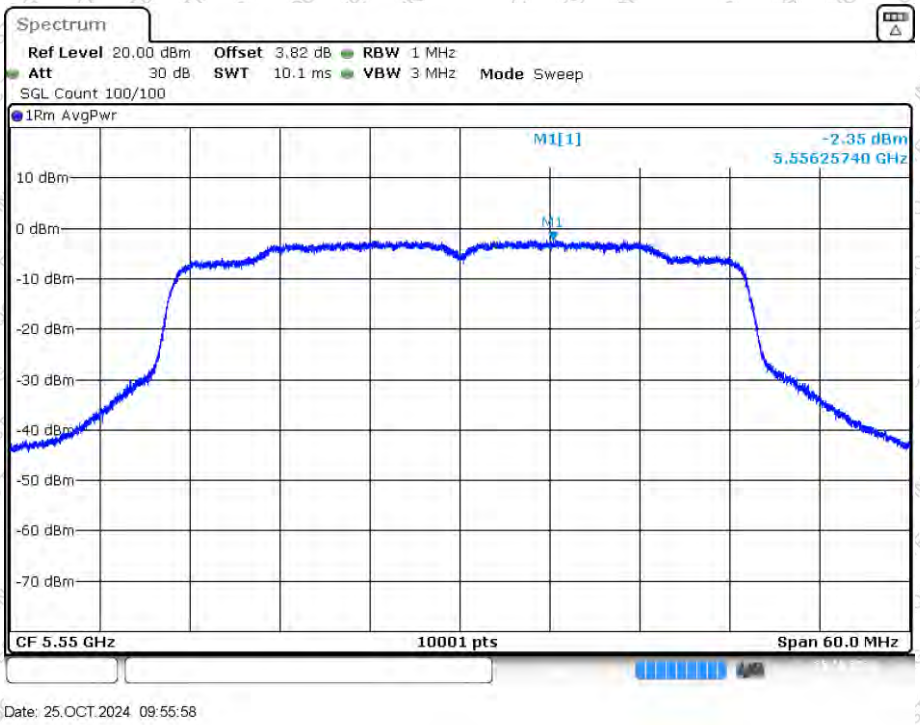


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5550MHz Ant1_MIMO

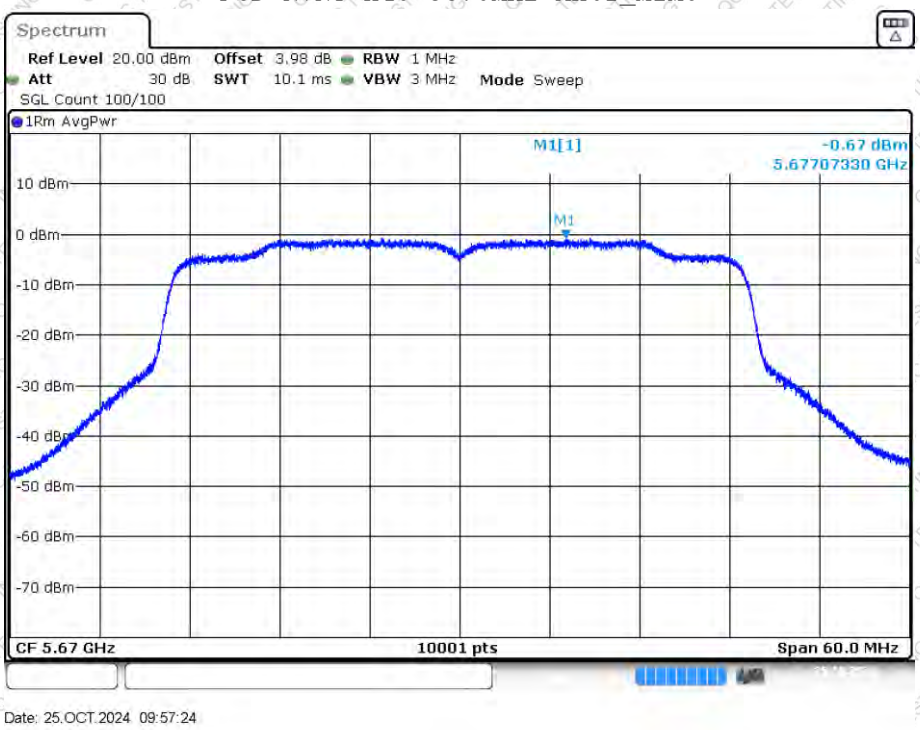


PSD NVNT n40 5550MHz Ant2_MIMO

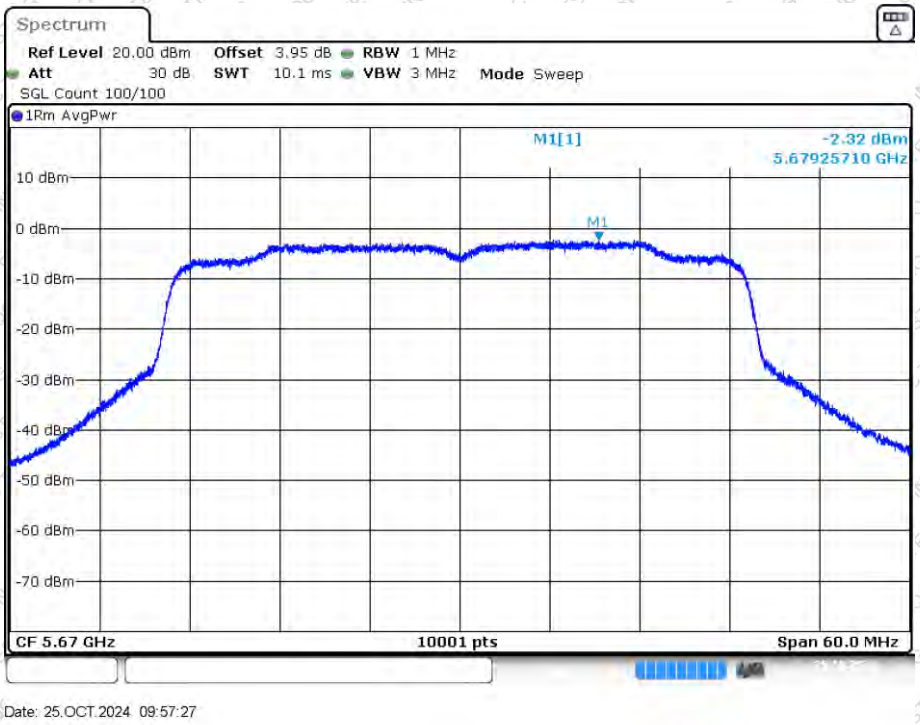


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5670MHz Ant1_MIMO

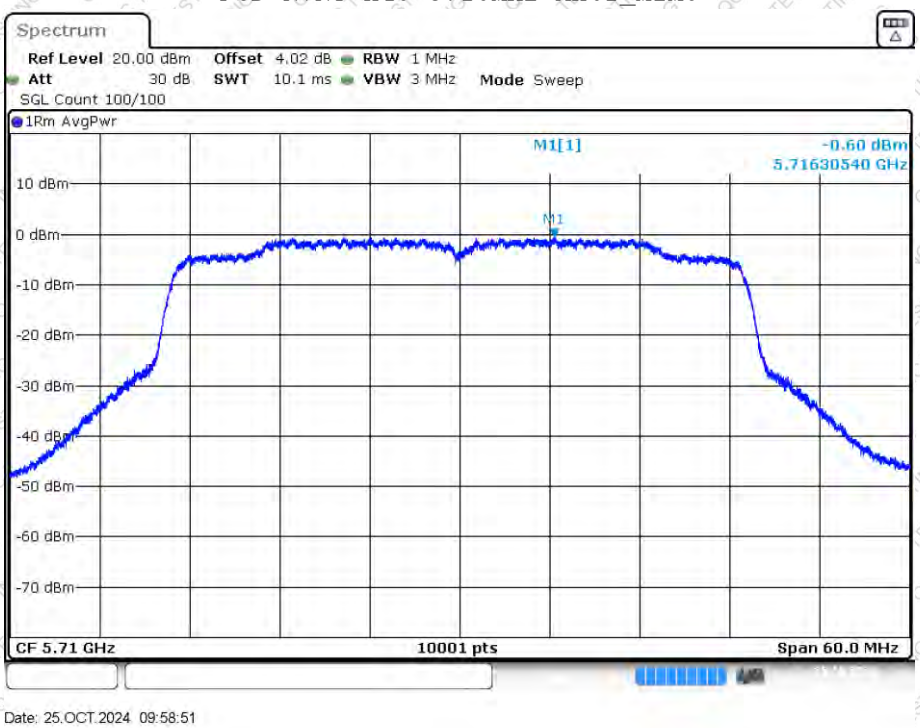


PSD NVNT n40 5670MHz Ant2_MIMO

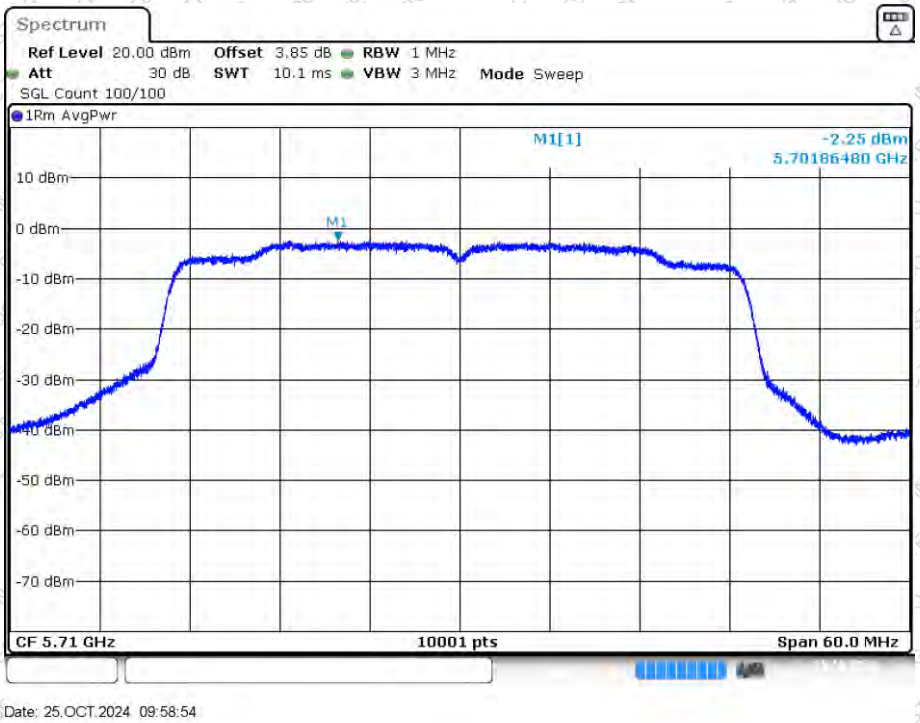


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

PSD NVNT n40 5710MHz Ant1_MIMO



PSD NVNT n40 5710MHz Ant2_MIMO



Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn