

Appendix - band_41

1. Frequency Error

1.1 Test Result

1.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz						
Channel Number	40165	40690	41215	Unit	Limit	Result
Frequency Center (MHz)	2547.5	2600	2652.5			
Normal Condition	0.0029	0.0131	0.0142	ppm	±3	Pass
Vibration Condition	0.0056	-0.0028	0.0132	ppm	±3	Pass
High Temp. Condition 55°C	0.0054	0.0103	0.0015	ppm	±3	Pass
Low Temp. Condition -10°C	0.0156	0.0076	0.0139	ppm	±3	Pass
High RH Condition 95%	0.0076	0.0163	0.0092	ppm	±3	Pass

1.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz						
Channel Number	40190	40690	41190	Unit	Limit	Result
Frequency Center (MHz)	2550	2600	2650			
Normal Condition	0.0085	0.0033	0.0021	ppm	±3	Pass
Vibration Condition	0.0165	0.0099	-0.0151	ppm	±3	Pass
High Temp. Condition 55°C	0.0134	0.0147	-0.0080	ppm	±3	Pass
Low Temp. Condition -10°C	0.0146	0.0108	-0.0014	ppm	±3	Pass
High RH Condition 95%	0.0047	0.0041	-0.0148	ppm	±3	Pass

1.1.3 B41_20MHz

Band: 41 / Bandwidth: 20MHz						
Channel Number	40240	40690	41140	Unit	Limit	Result
Frequency Center (MHz)	2555	2600	2645			
Normal Condition	0.0060	0.0013	-0.0058	ppm	±3	Pass
Vibration Condition	0.0138	-0.0130	-0.0043	ppm	±3	Pass
High Temp. Condition 55°C	0.0117	-0.0044	-0.0143	ppm	±3	Pass
Low Temp. Condition -10°C	0.0129	0.0031	-0.0161	ppm	±3	Pass
High RH Condition 95%	0.0128	-0.0093	-0.0200	ppm	±3	Pass

2. Tolerance of Occupied Bandwidth

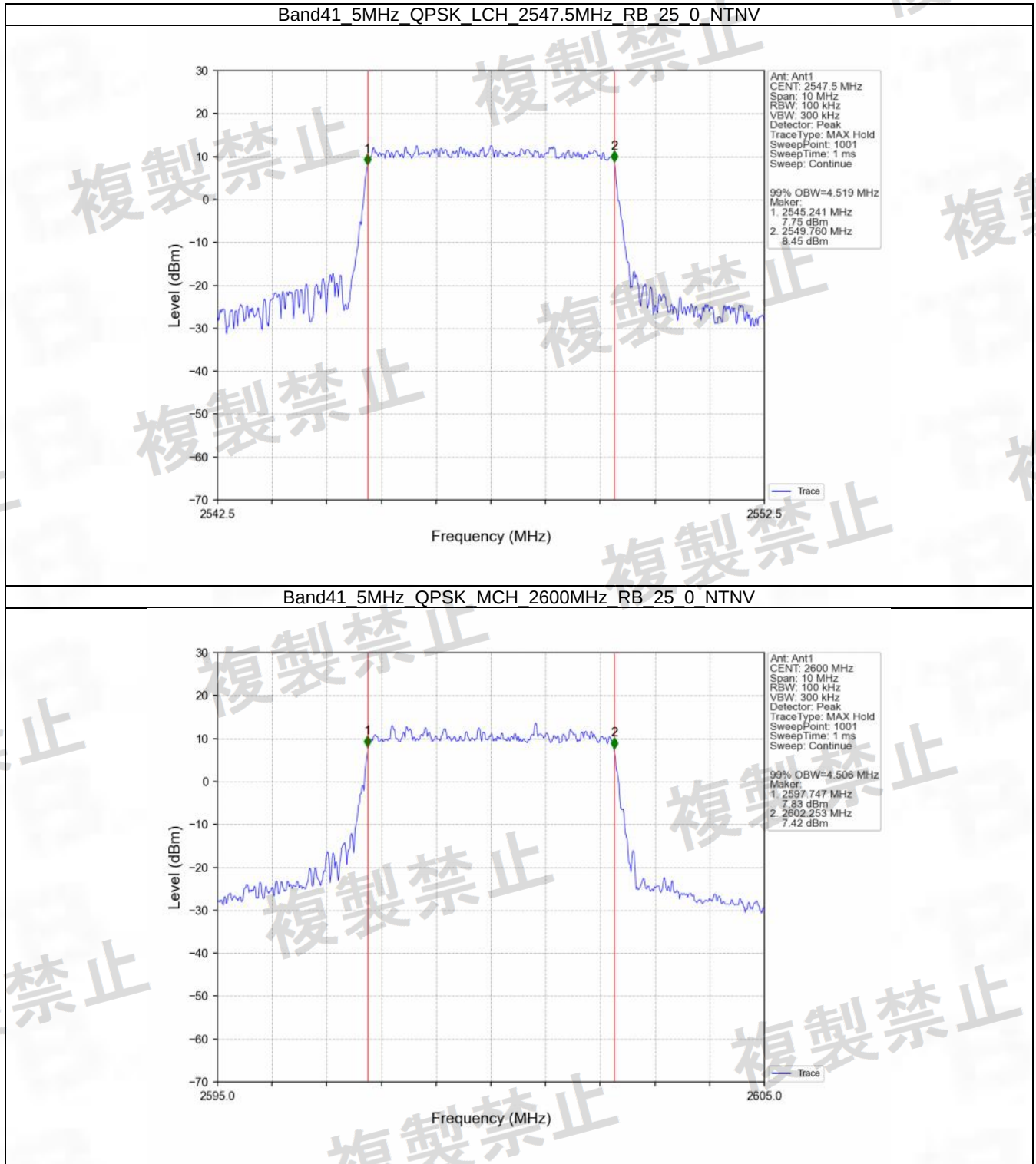
2.1 Test Result

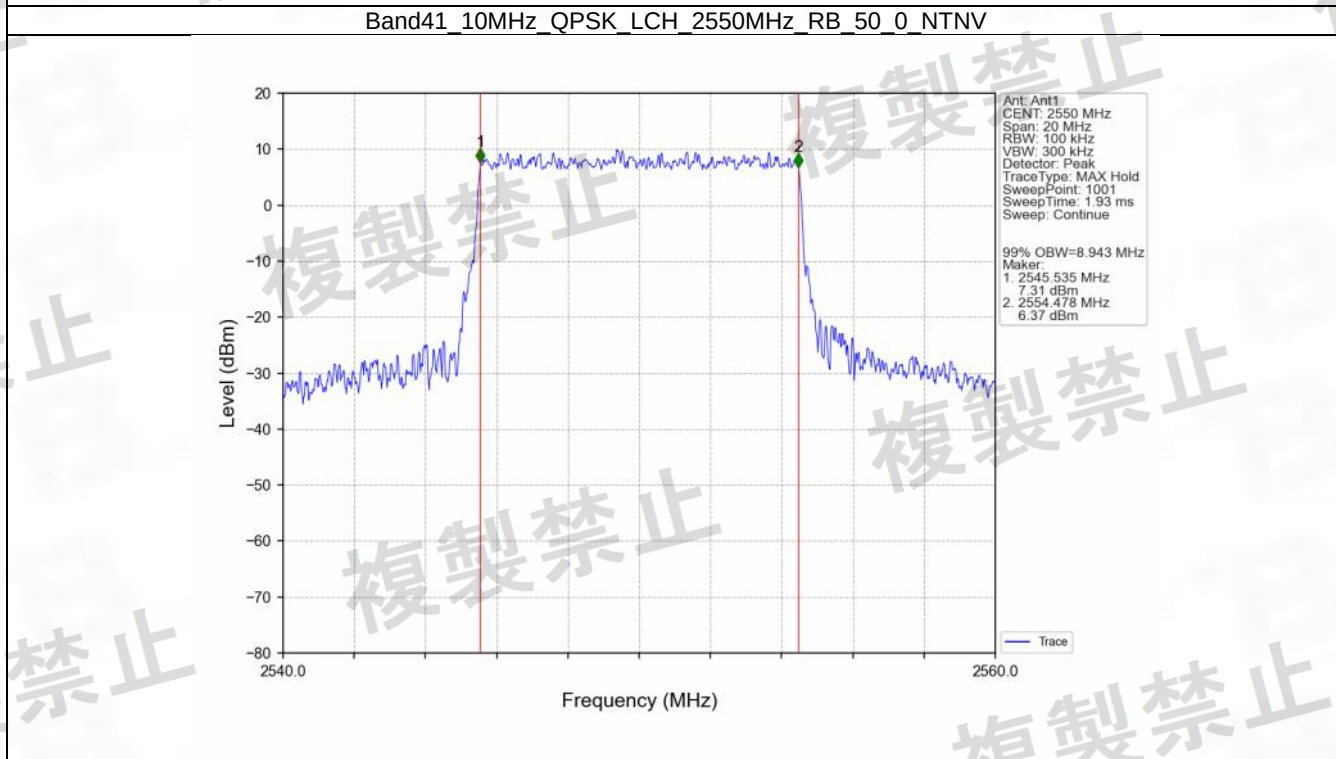
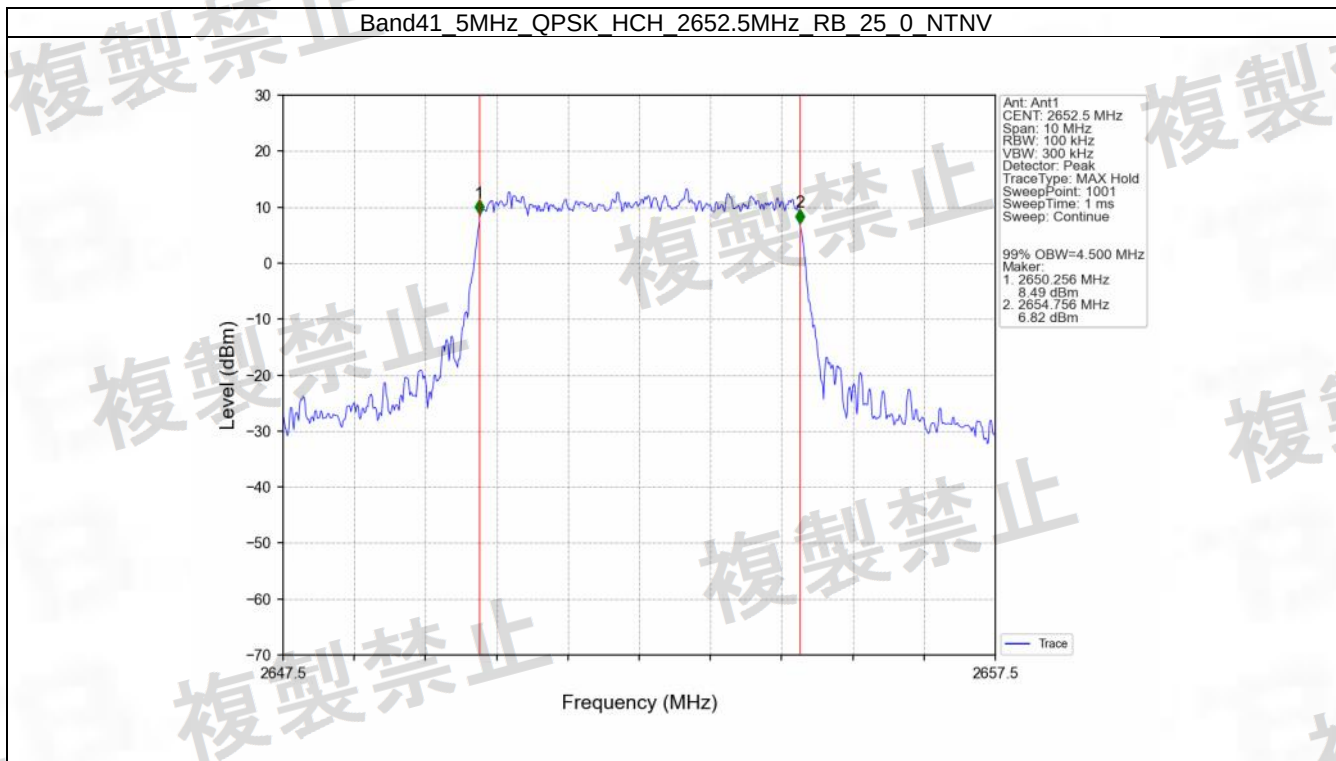
2.1.1 B41_OBW

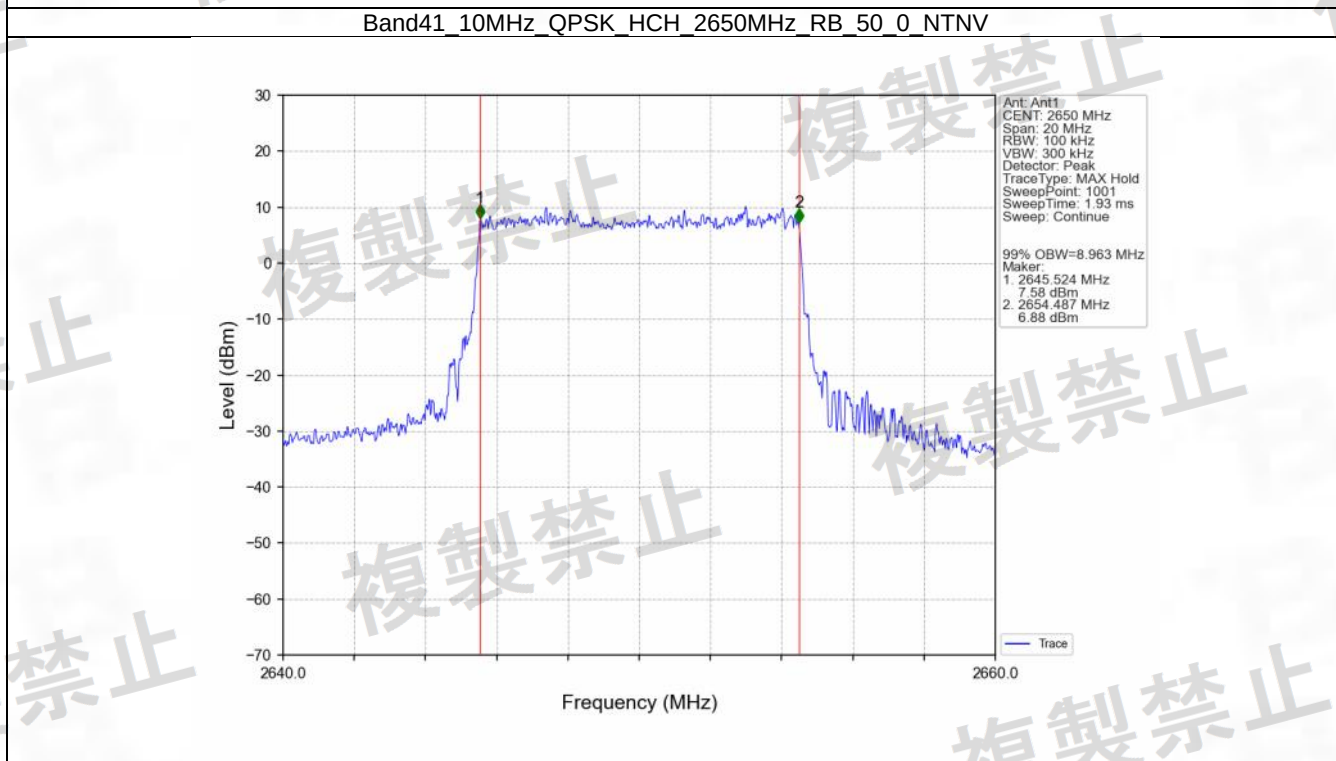
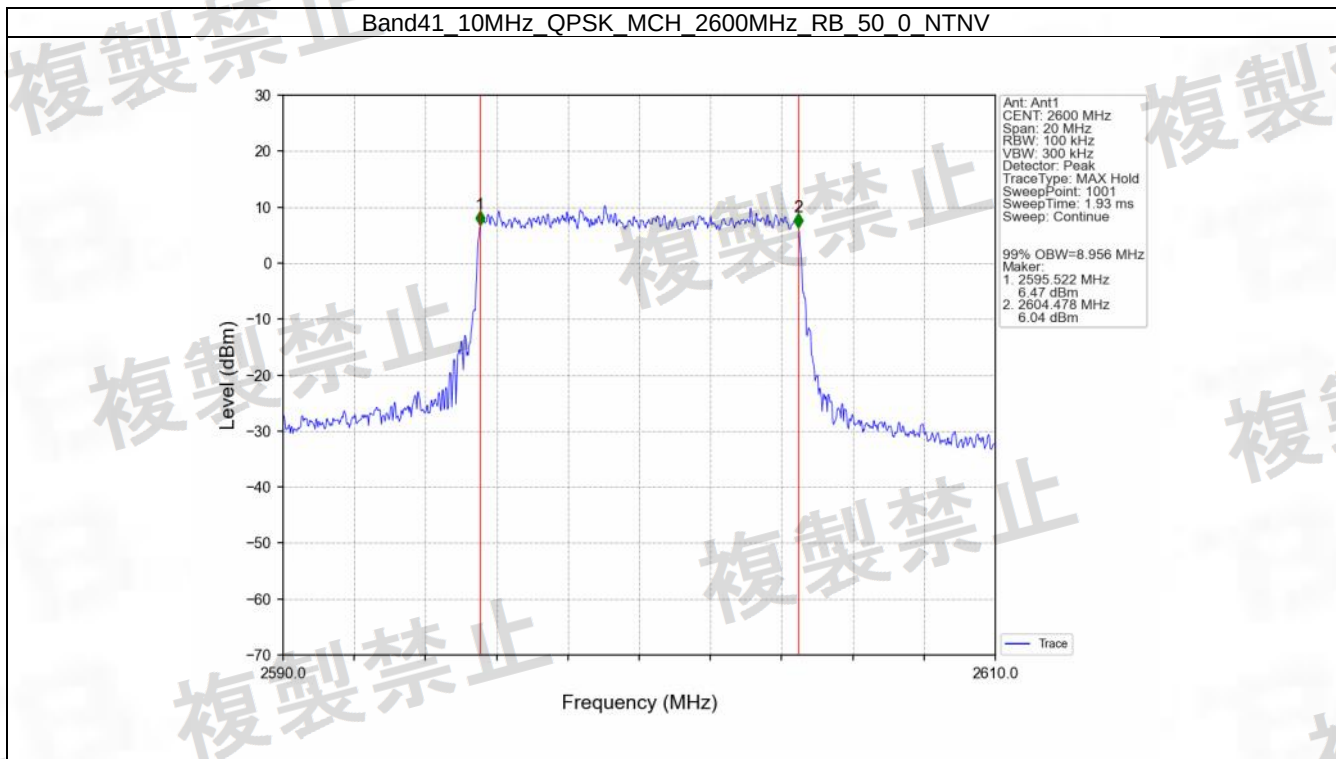
Band: 41						
BW(MHz)	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	4.52	4.51	4.50	MHz	≤5	Pass
10	8.94	8.96	8.96	MHz	≤10	Pass
20	17.86	17.83	17.88	MHz	≤20	Pass

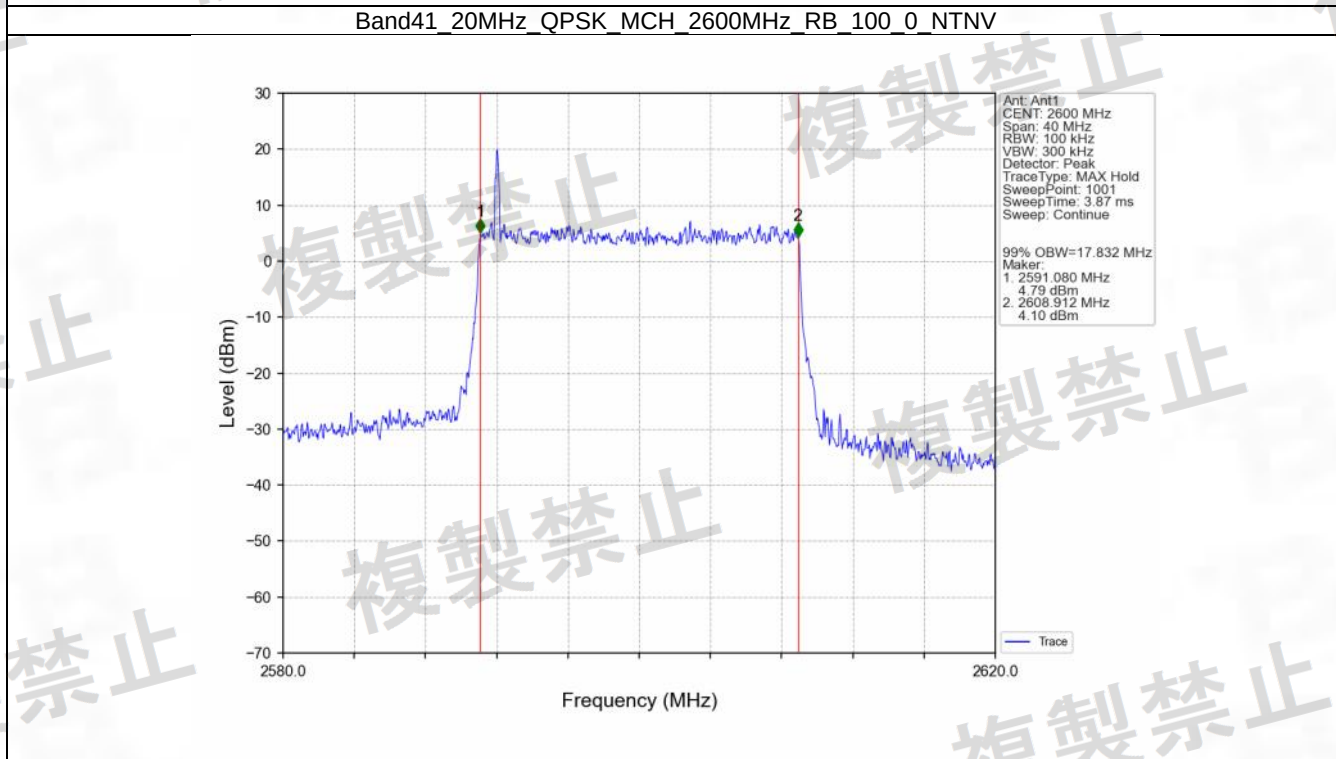
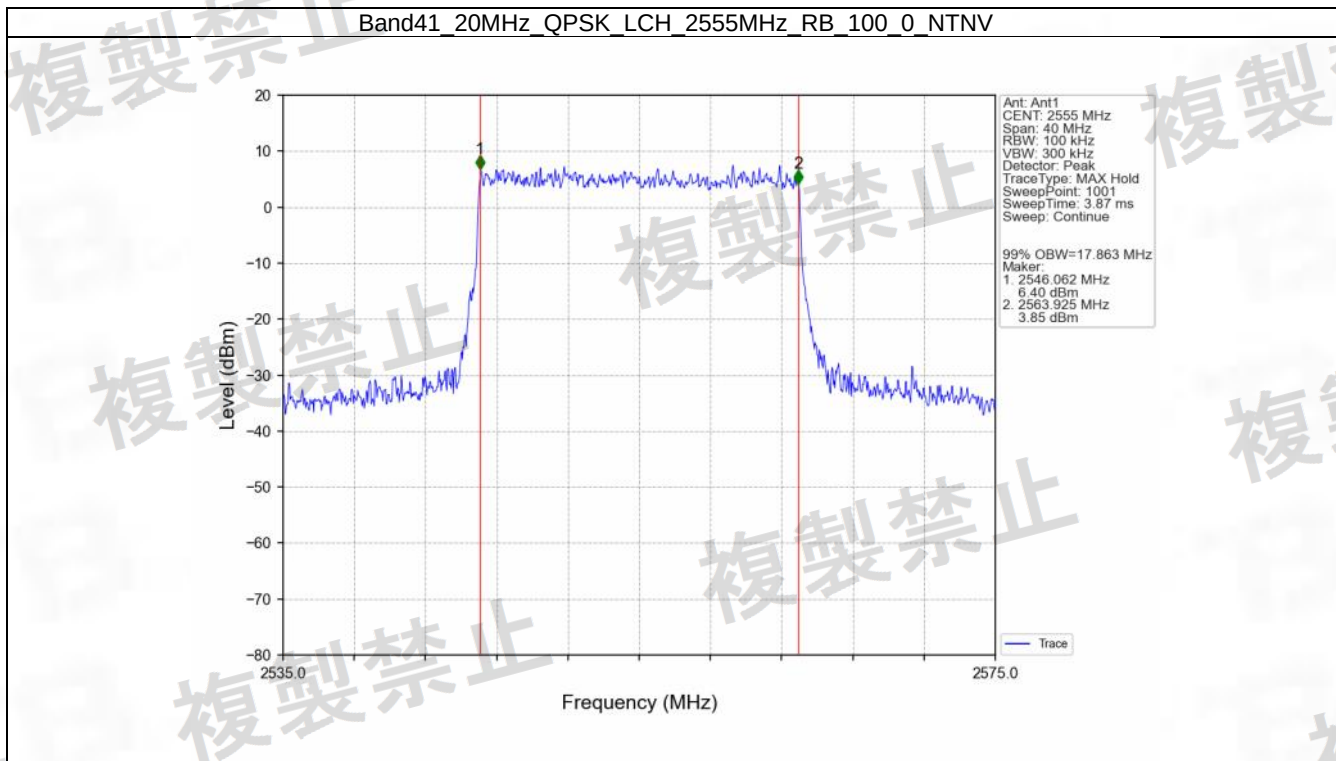
2.2 Test Graph

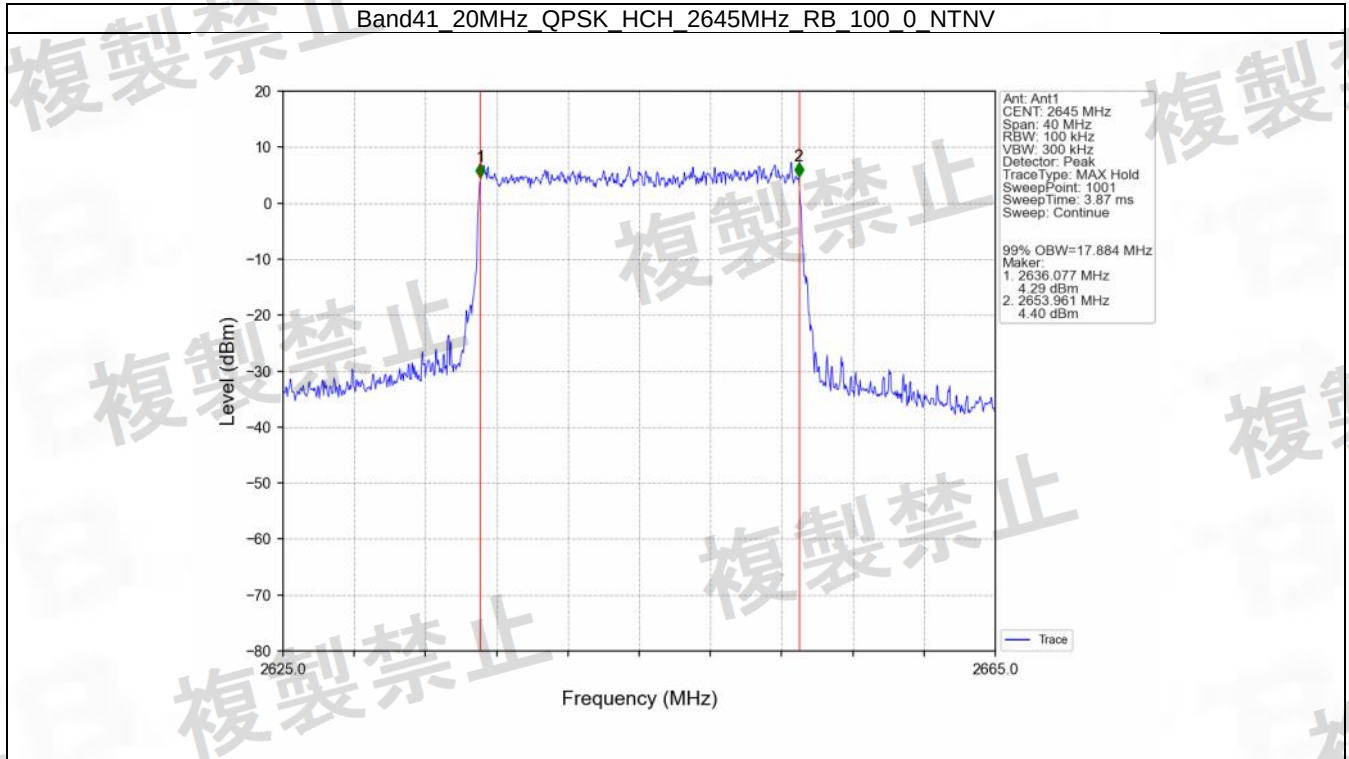
2.2.1 B41_OBW











3. Tolerance of Antenna Power

3.1 Test Result

3.1.1 B41_Power

Band: 41 / Declaration Power: 23dBm							
BW(MHz)	Item	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	RF output Power	20.62	20.24	20.50	dBm	/	/
10	RF output Power	20.61	20.28	20.59	dBm	/	/
20	RF output Power	20.62	20.31	20.55	dBm	/	/

3.1.2 B41

Band: 41 / Declaration Power: 23dBm							
BW(MHz)	Item	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	Power Tolerance	-42.19	-47.03	-43.77	%	-79 to 87	Pass
10	Power Tolerance	-42.32	-46.54	-42.59	%	-79 to 87	Pass
20	Power Tolerance	-42.19	-46.17	-43.11	%	-79 to 87	Pass

4. Tolerance of Adjacent Channel Leakage Power

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz							
Modulation	Channel Number	40165	40690	41215	Unit	Limit	Result
	Frequency Center (MHz)	2547.5	2600	2652.5			
QPSK	Fc - 5MHz	-15.60	-14.96	-18.08	dBm/5MHz	<=2	Pass
	Fc + 5MHz	-15.93	-16.71	-18.92	dBm/5MHz	<=2	Pass
16QAM	Fc - 5MHz	-16.69	-16.08	-18.26	dBm/5MHz	<=2	Pass
	Fc + 5MHz	-16.43	-17.76	-20.04	dBm/5MHz	<=2	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz							
Modulation	Channel Number	40190	40690	41190	Unit	Limit	Result
	Frequency Center (MHz)	2550	2600	2650			
QPSK	Fc - 10MHz	-16.98	-15.23	-18.89	dBm/10MHz	<=2	Pass
	Fc + 10MHz	-17.35	-16.96	-20.30	dBm/10MHz	<=2	Pass
16QAM	Fc - 10MHz	-17.42	-16.61	-20.26	dBm/10MHz	<=2	Pass
	Fc + 10MHz	-17.76	-18.21	-21.10	dBm/10MHz	<=2	Pass

4.1.3 B41_20MHz

Band: 41 / Bandwidth: 20MHz							
Modulation	Channel Number	40240	40690	41140	Unit	Limit	Result

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Page 7 of 185

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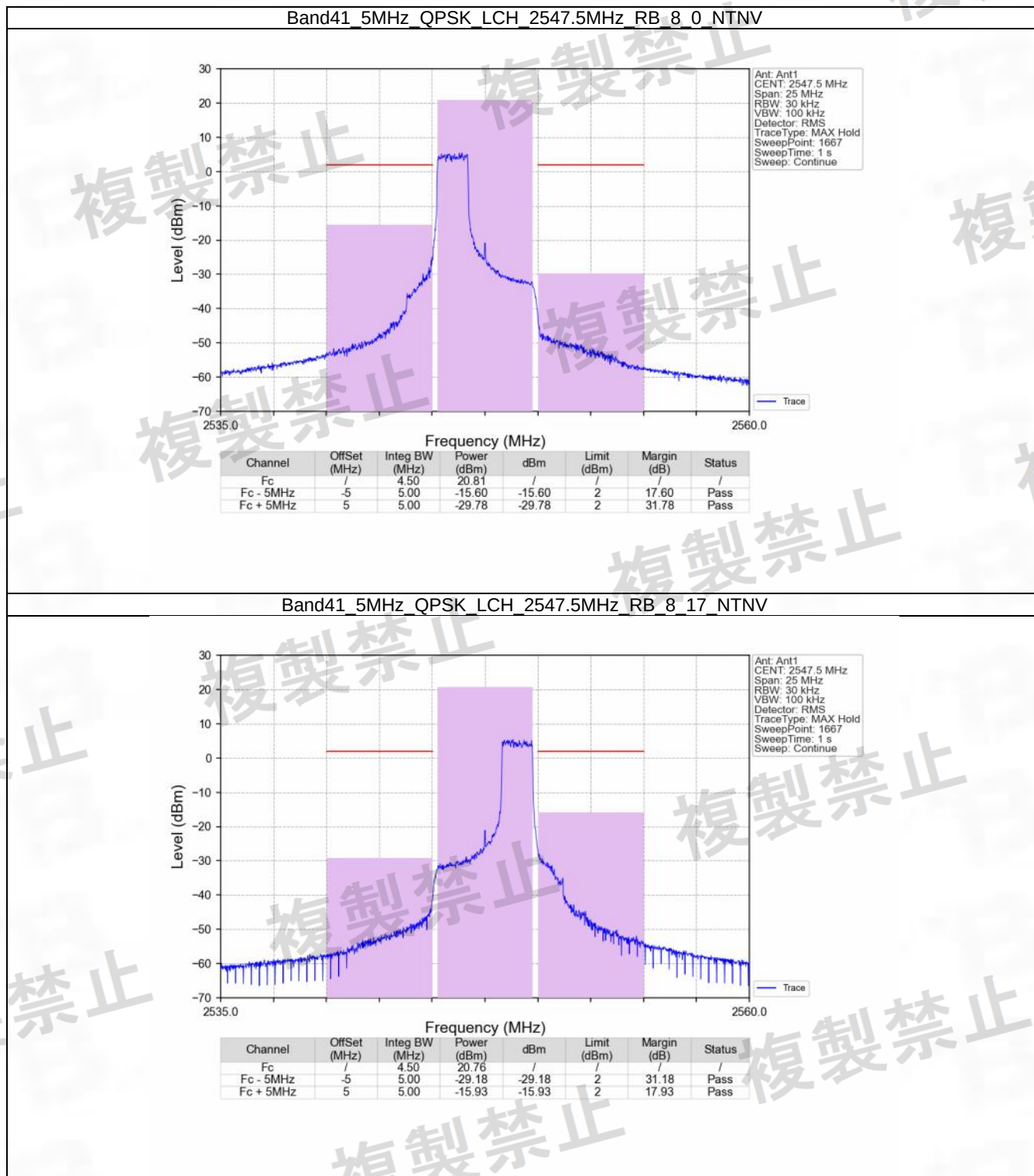
<http://www.btf-lab.com>

Version: 1/00

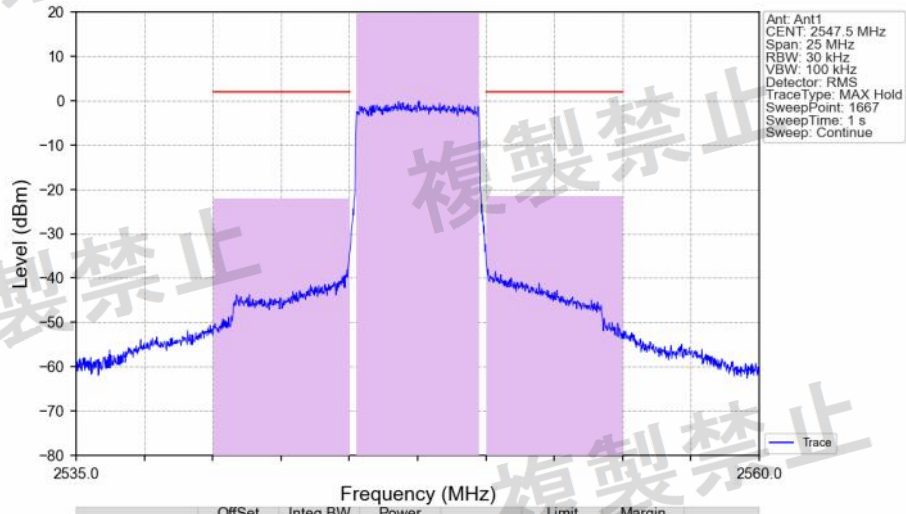
	Frequency Center (MHz)	2555	2600	2645			
QPSK	Fc - 20MHz	-15.67	-14.25	-17.52	dBm/20MHz	<=3	Pass
	Fc + 20MHz	-16.43	-18.10	-19.71	dBm/20MHz	<=3	Pass
16QAM	Fc - 20MHz	-18.43	-15.09	-18.18	dBm/20MHz	<=3	Pass
	Fc + 20MHz	-19.11	-17.87	-20.37	dBm/20MHz	<=3	Pass

4.2 Test Graph

4.2.1 B41_5MHz

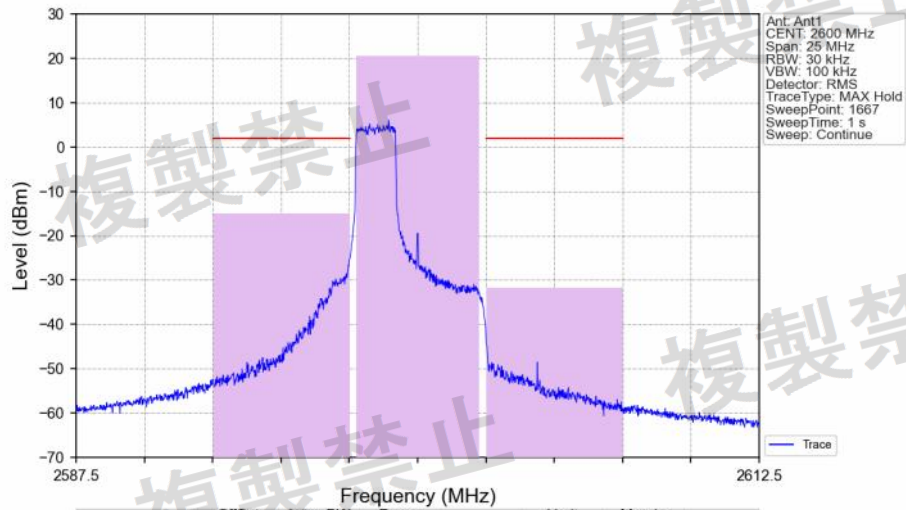


Band41_5MHz_QPSK_LCH_2547.5MHz_RB_25_0_NTNV



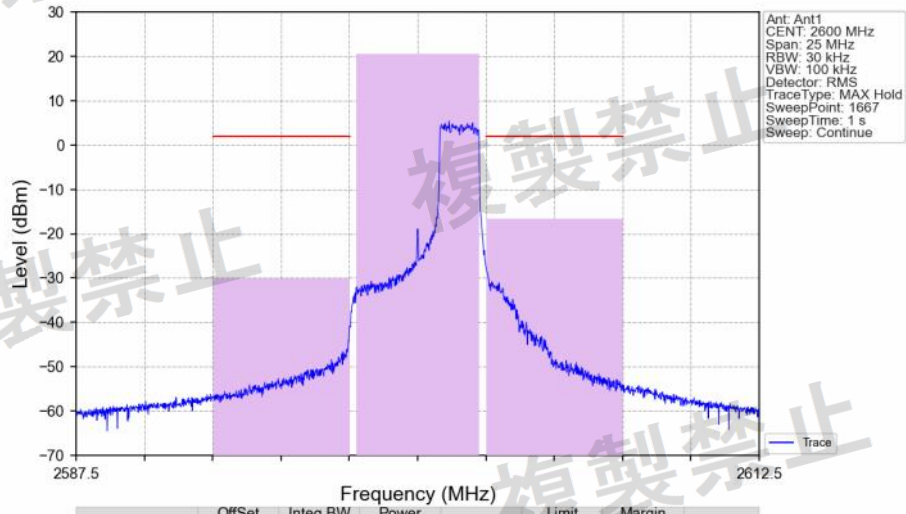
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.58				
Fc - 5MHz	-5	5.00	-22.00	-22.00	2	24.00	Pass
Fc + 5MHz	5	5.00	-21.46	-21.46	2	23.46	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_8_0_NTNV



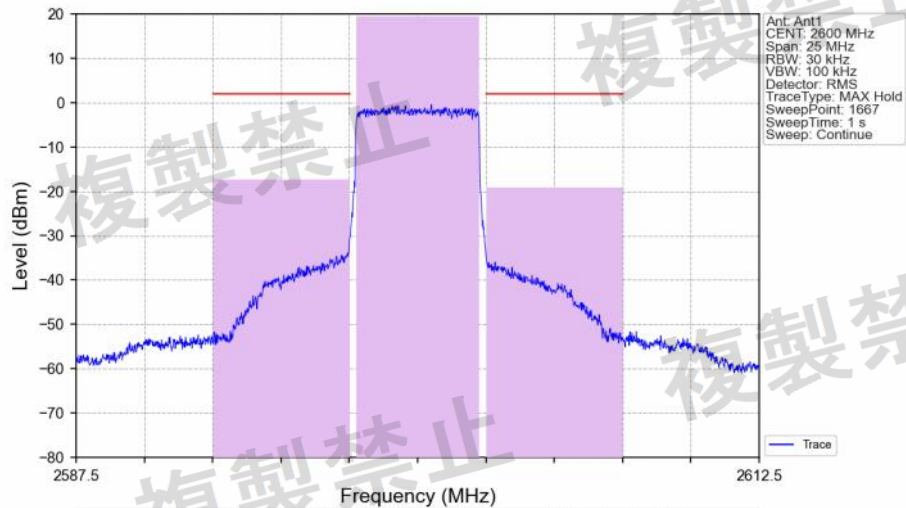
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.54				
Fc - 5MHz	-5	5.00	-14.96	-14.96	2	16.96	Pass
Fc + 5MHz	5	5.00	-31.74	-31.74	2	33.74	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_8_17_NTNV



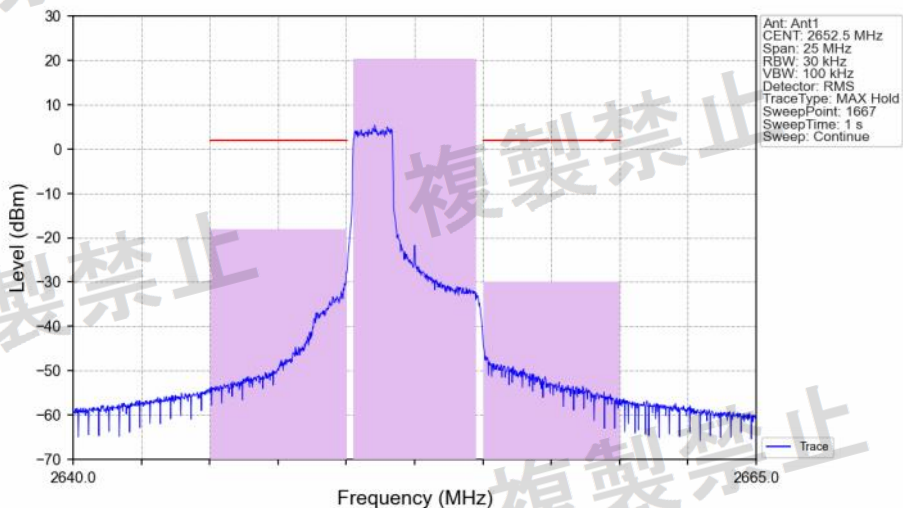
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.44	/	/	/	/
Fc - 5MHz	-5	5.00	-30.13	-30.13	2	32.13	Pass
Fc + 5MHz	5	5.00	-16.71	-16.71	2	18.71	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



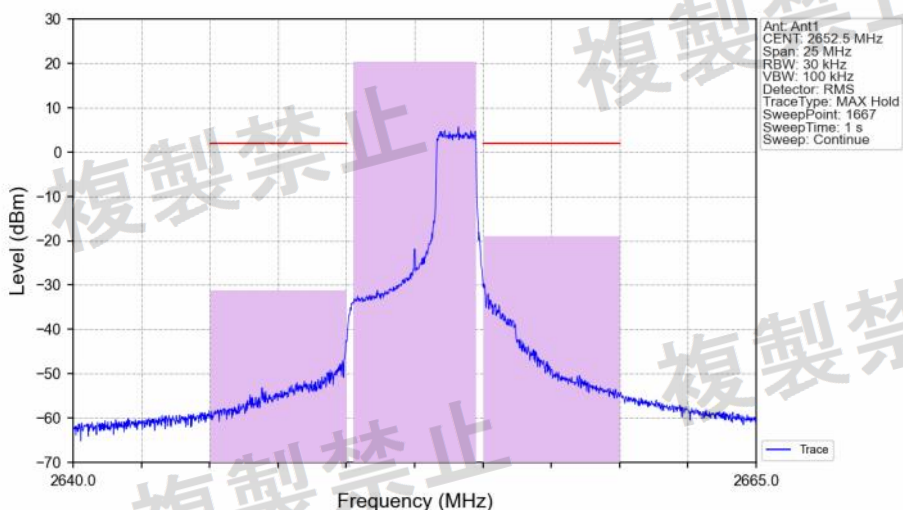
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.42	/	/	/	/
Fc - 5MHz	-5	5.00	-17.43	-17.43	2	19.43	Pass
Fc + 5MHz	5	5.00	-19.22	-19.22	2	21.22	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_8_0_NTNV



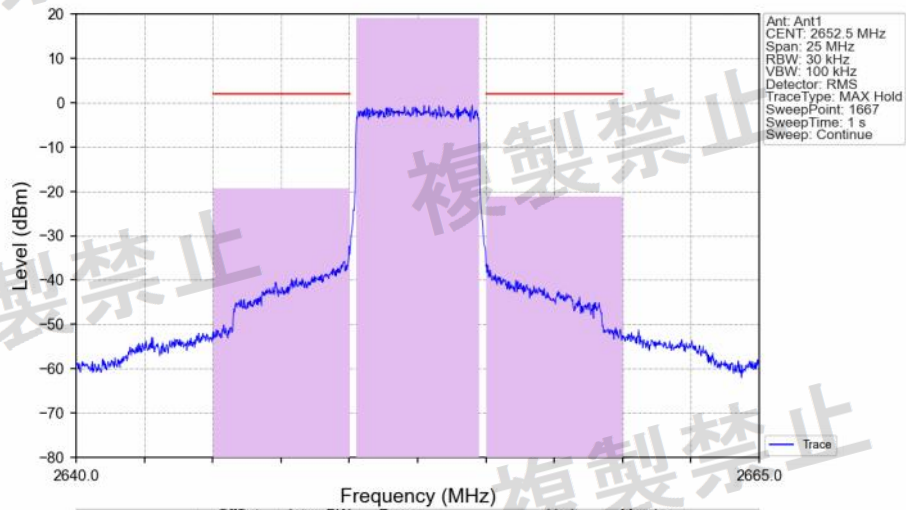
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.29				
Fc - 5MHz	-5	5.00	-18.08	-18.08	2	20.08	Pass
Fc + 5MHz	5	5.00	-29.94	-29.94	2	31.94	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_8_17_NTNV



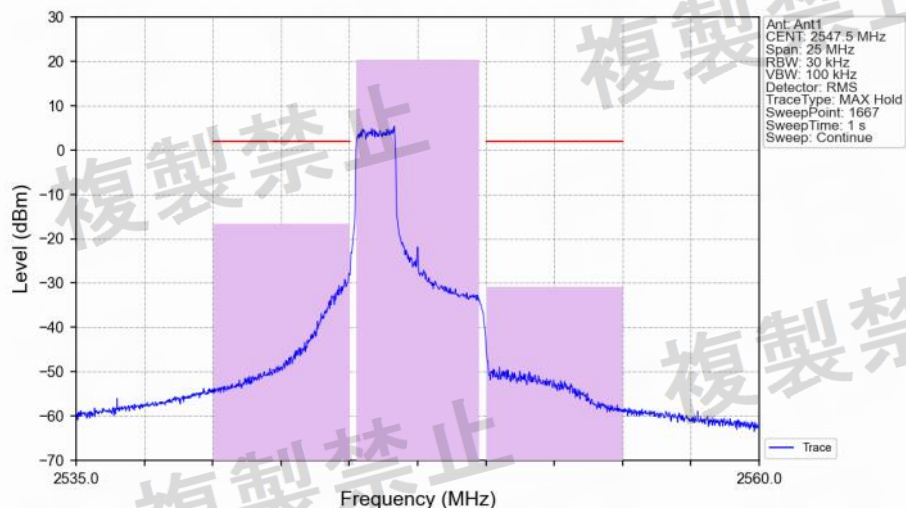
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.29				
Fc - 5MHz	-5	5.00	-31.25	-31.25	2	33.25	Pass
Fc + 5MHz	5	5.00	-18.92	-18.92	2	20.92	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



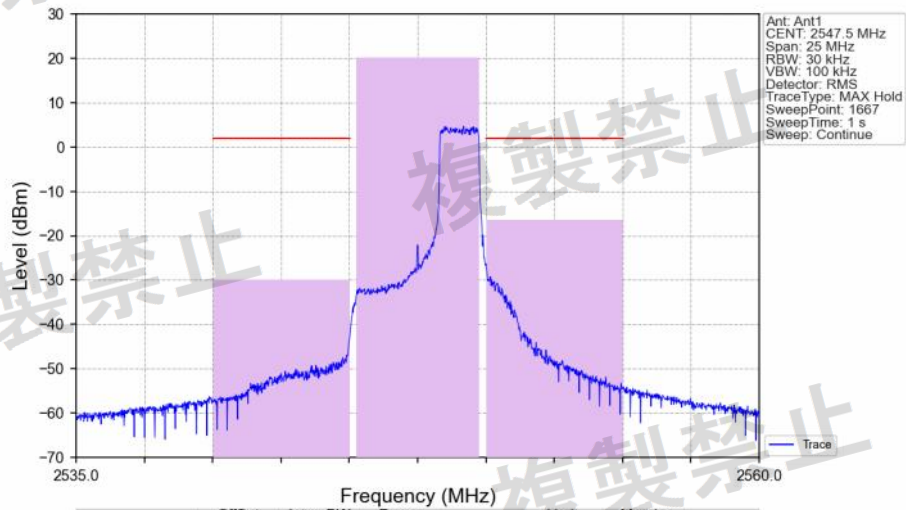
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.18				
Fc - 5MHz	-5	5.00	-19.33	-19.33	2	21.33	Pass
Fc + 5MHz	5	5.00	-21.10	-21.10	2	23.10	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_8_0_NTNV



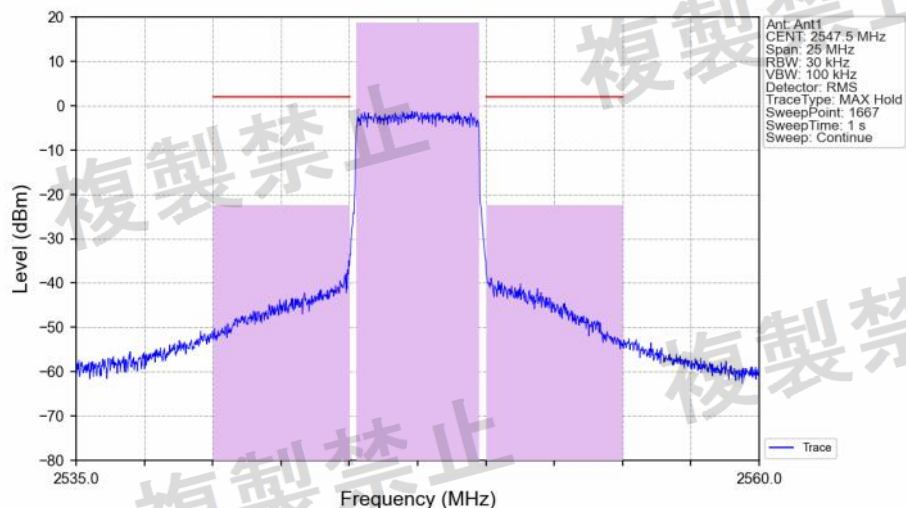
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.26				
Fc - 5MHz	-5	5.00	-16.69	-16.69	2	18.69	Pass
Fc + 5MHz	5	5.00	-30.81	-30.81	2	32.81	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_8_17_NTNV



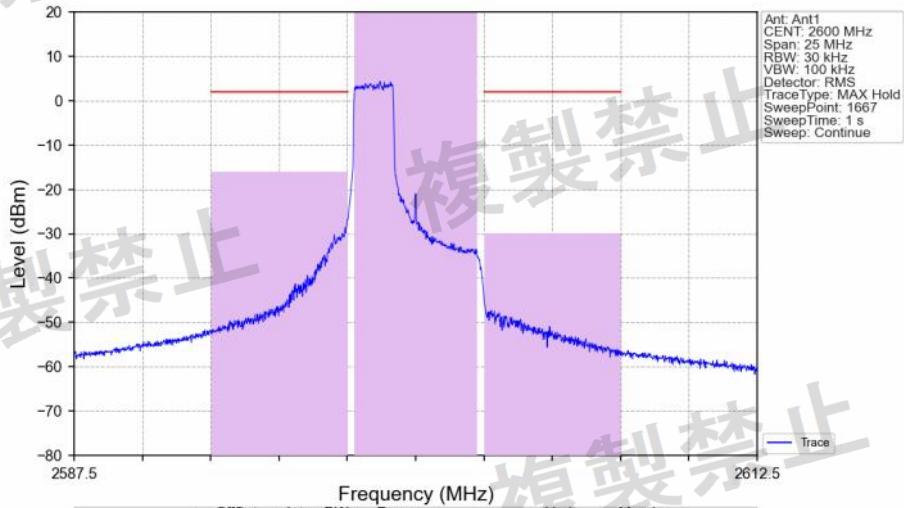
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	20.22	/	/	/	/
Fc - 5MHz	-5	5.00	-29.86	-29.86	2	31.86	Pass
Fc + 5MHz	5	5.00	-16.43	-16.43	2	18.43	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_25_0_NTNV



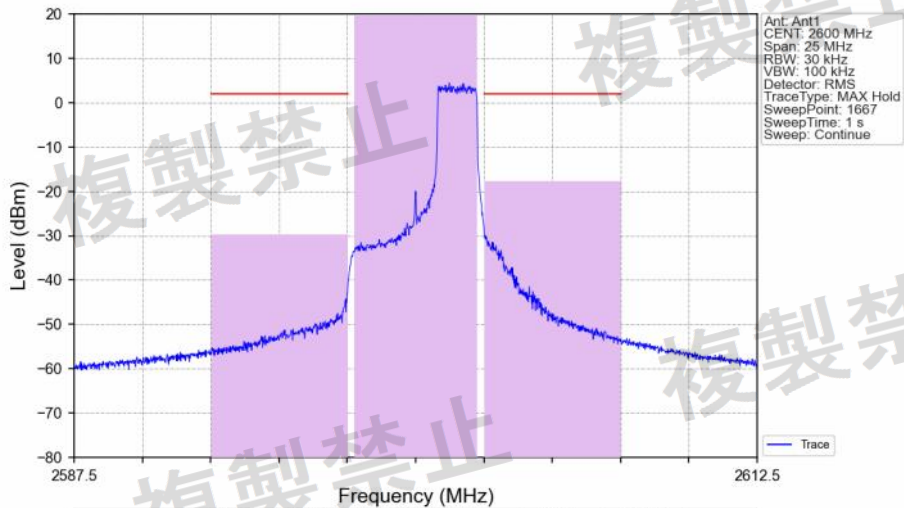
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	18.72	/	/	/	/
Fc - 5MHz	-5	5.00	-22.46	-22.46	2	24.46	Pass
Fc + 5MHz	5	5.00	-22.45	-22.45	2	24.45	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_8_0_NTNV



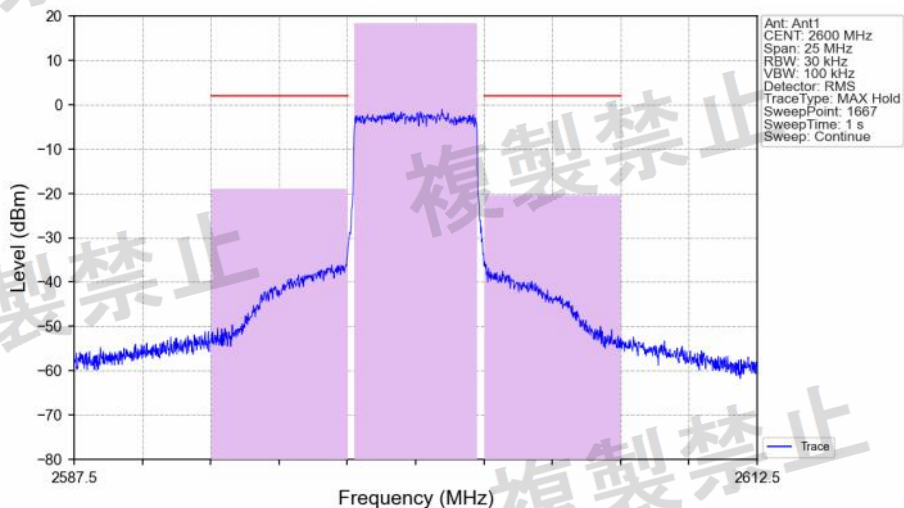
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.75				
Fc - 5MHz	-5	5.00	-16.08	-16.08	2	18.08	Pass
Fc + 5MHz	5	5.00	-29.89	-29.89	2	31.89	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_8_17_NTNV



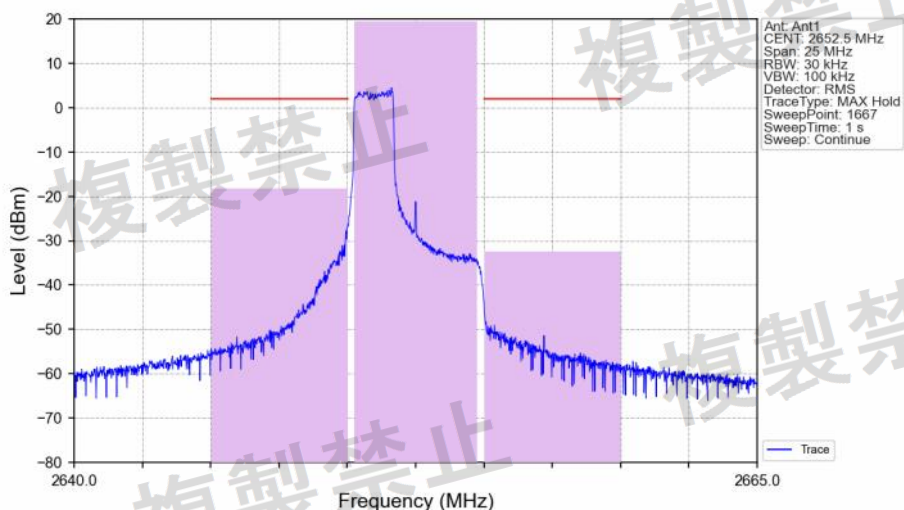
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.61				
Fc - 5MHz	-5	5.00	-29.74	-29.74	2	31.74	Pass
Fc + 5MHz	5	5.00	-17.76	-17.76	2	19.76	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



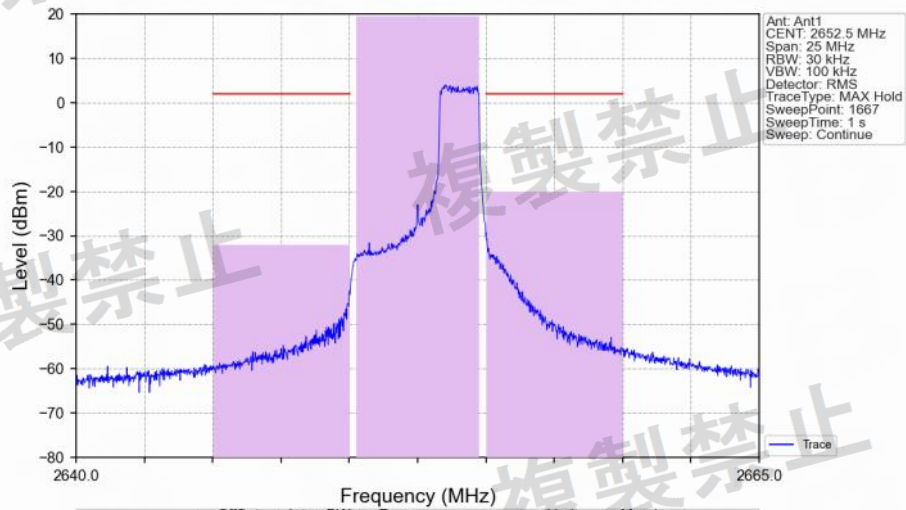
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	18.41	/	/	/	/
Fc - 5MHz	-5	5.00	-18.91	-18.91	2	20.91	Pass
Fc + 5MHz	5	5.00	-20.50	-20.50	2	22.50	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_8_0_NTNV



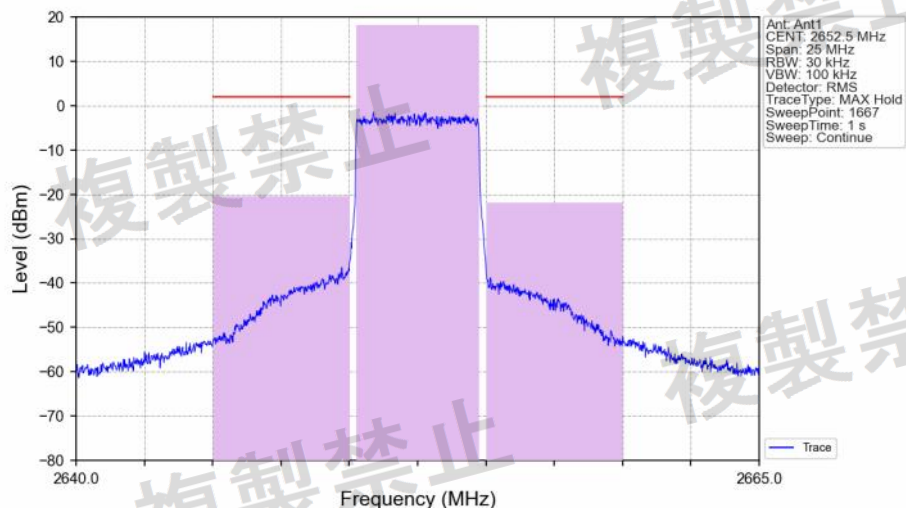
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.42	/	/	/	/
Fc - 5MHz	-5	5.00	-18.26	-18.26	2	20.26	Pass
Fc + 5MHz	5	5.00	-32.42	-32.42	2	34.42	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_8_17_NTNV



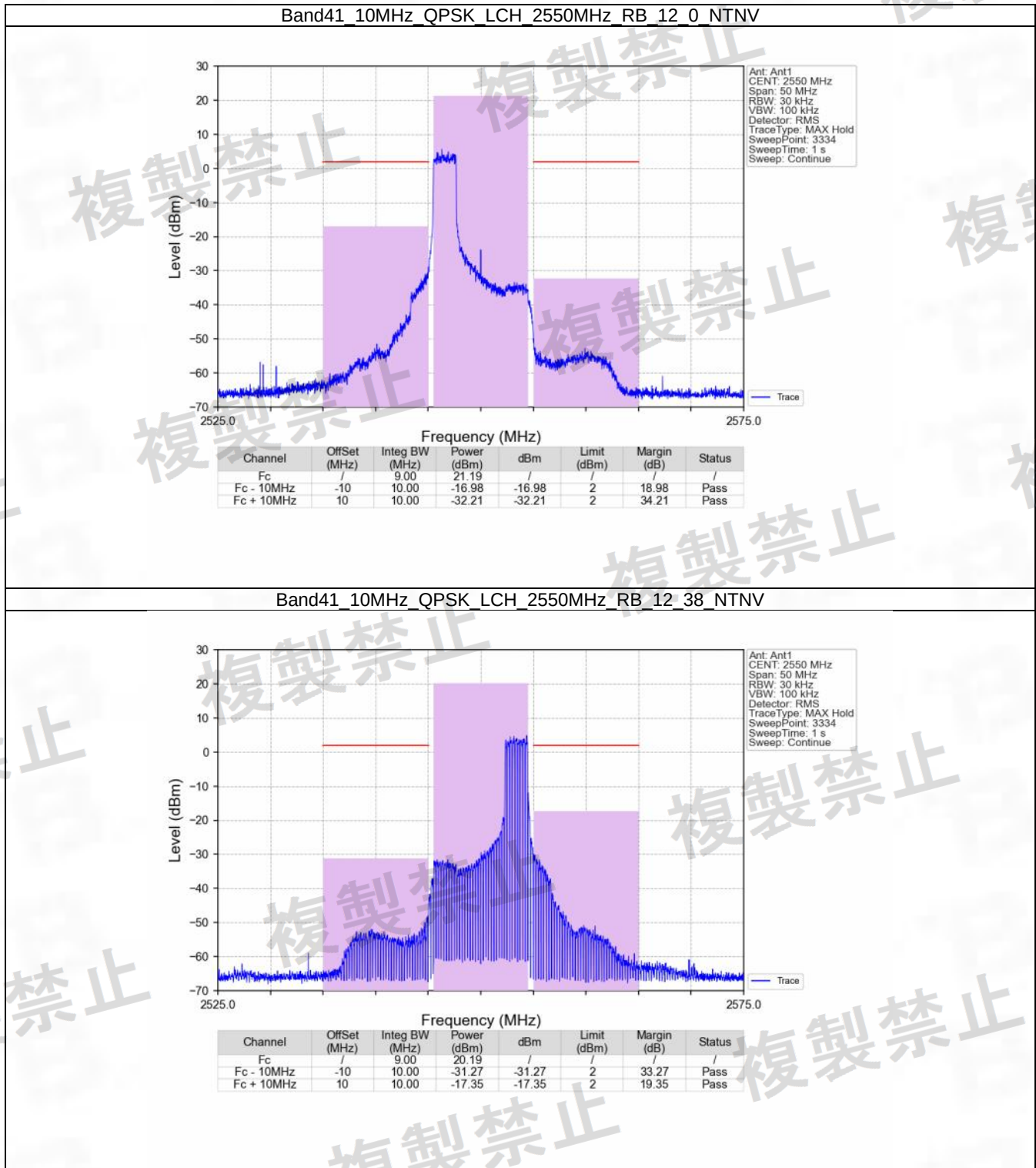
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	19.51	/	/	/	/
Fc - 5MHz	-5	5.00	-32.01	-32.01	2	34.01	Pass
Fc + 5MHz	5	5.00	-20.04	-20.04	2	22.04	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

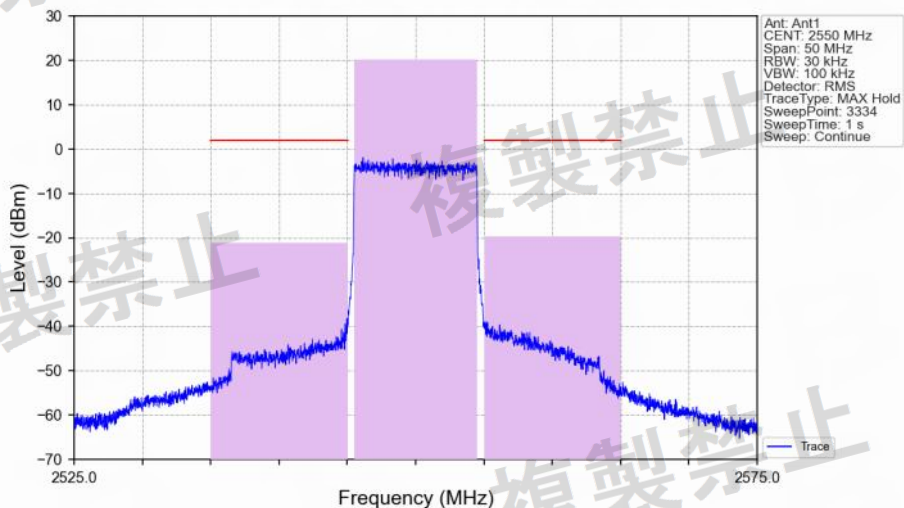


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	4.50	18.24	/	/	/	/
Fc - 5MHz	-5	5.00	-20.45	-20.45	2	22.45	Pass
Fc + 5MHz	5	5.00	-21.96	-21.96	2	23.96	Pass

4.2.2 B41_10MHz

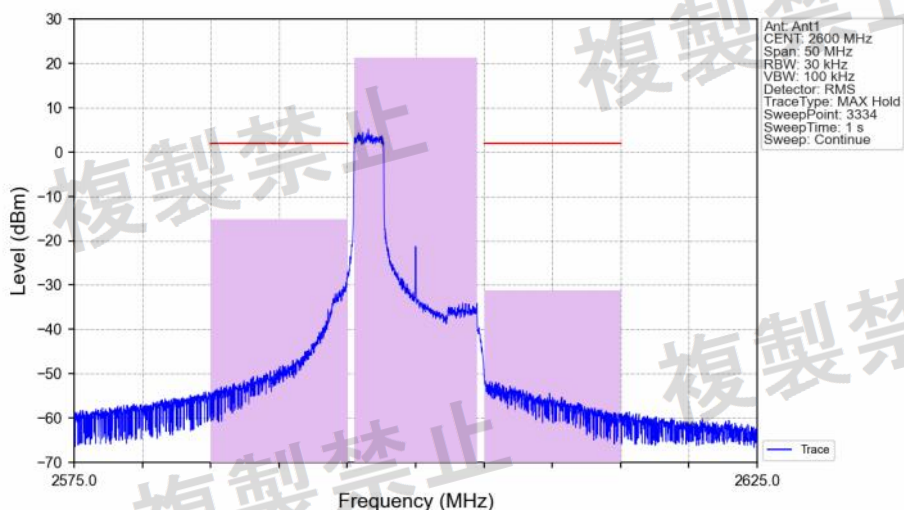


Band41_10MHz_QPSK_LCH_2550MHz_RB_50_0_NTNV



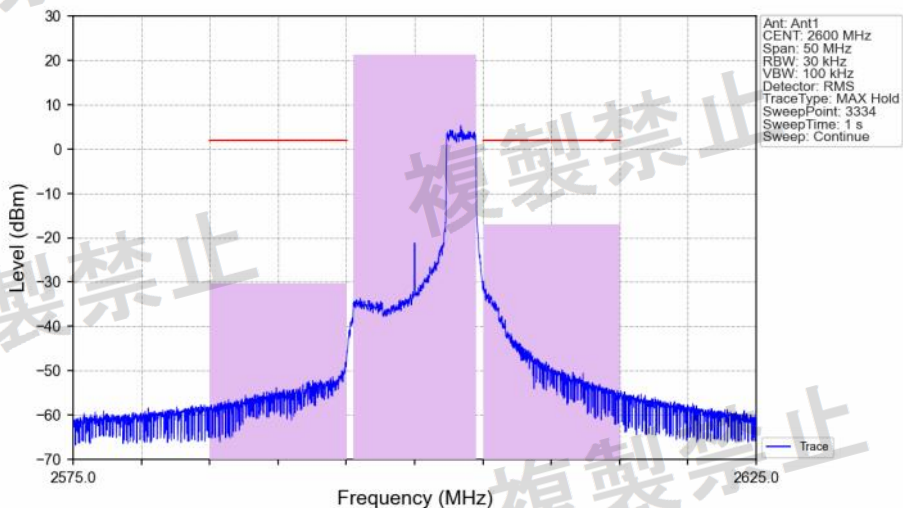
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.18	/	/	/	/
Fc - 10MHz	-10	10.00	-21.27	-21.27	2	23.27	Pass
Fc + 10MHz	10	10.00	-19.74	-19.74	2	21.74	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_12_0_NTNV



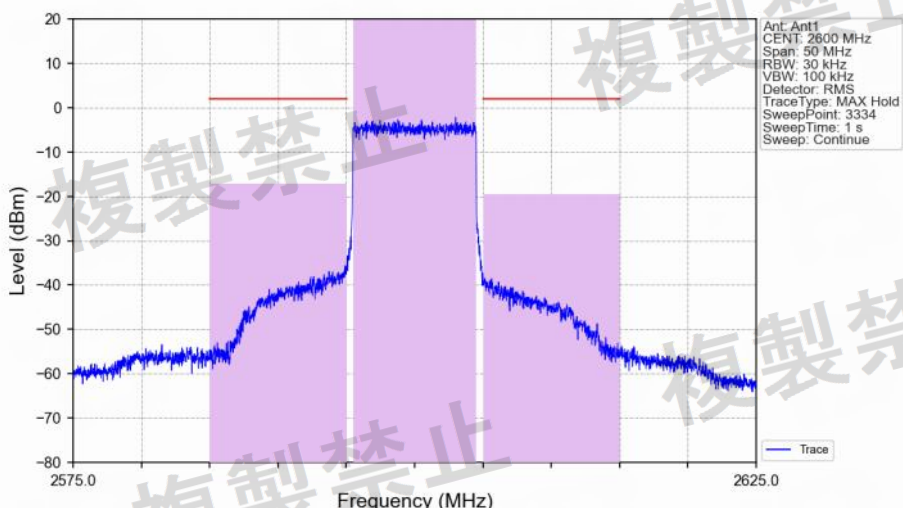
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	21.24	/	/	/	/
Fc - 10MHz	-10	10.00	-15.23	-15.23	2	17.23	Pass
Fc + 10MHz	10	10.00	-31.29	-31.29	2	33.29	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_12_38_NTNV



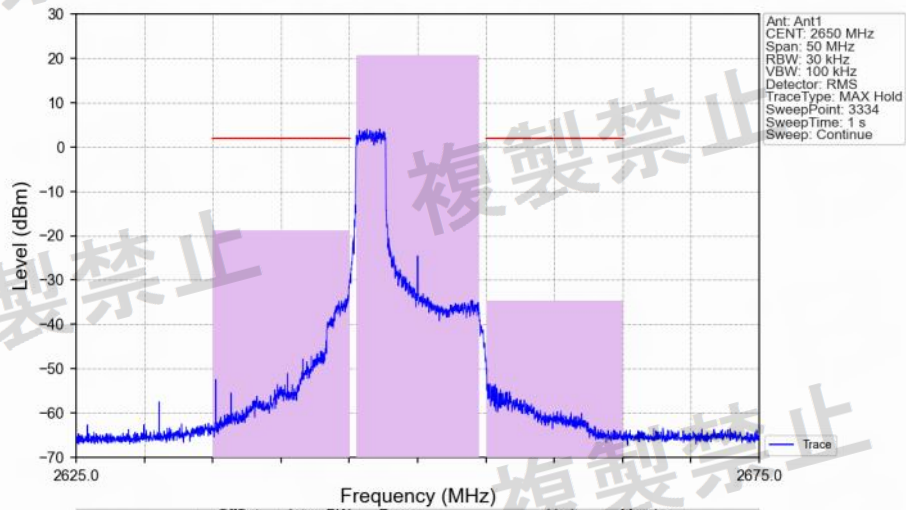
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	21.31	/	/	/	/
Fc - 10MHz	-10	10.00	-30.29	-30.29	2	32.29	Pass
Fc + 10MHz	10	10.00	-16.96	-16.96	2	18.96	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



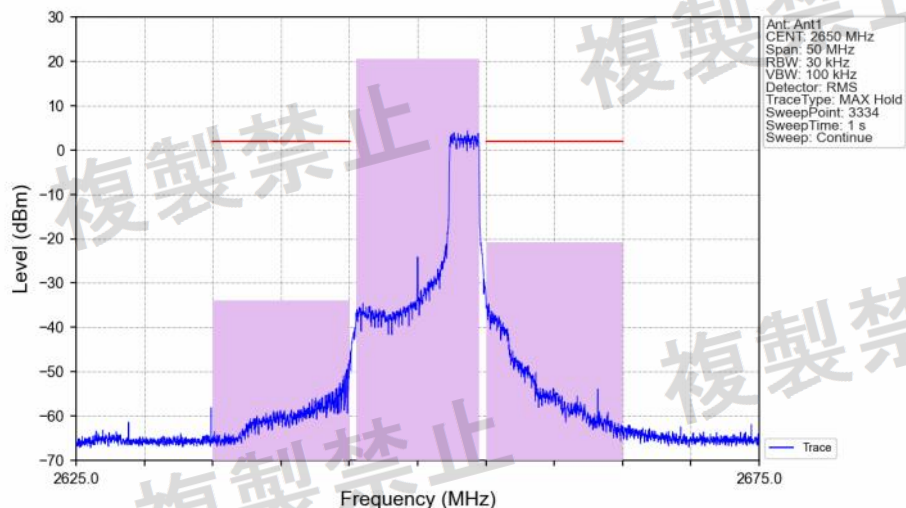
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	19.74	/	/	/	/
Fc - 10MHz	-10	10.00	-17.11	-17.11	2	19.11	Pass
Fc + 10MHz	10	10.00	-19.46	-19.46	2	21.46	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_12_0_NTNV



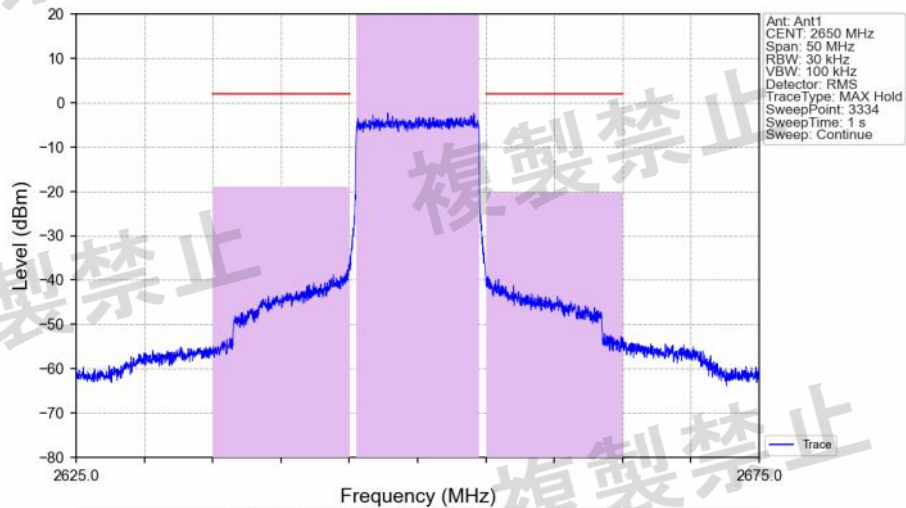
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.71	/	/	/	/
Fc - 10MHz	-10	10.00	-18.89	-18.89	2	20.89	Pass
Fc + 10MHz	10	10.00	-34.75	-34.75	2	36.75	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_12_38_NTNV



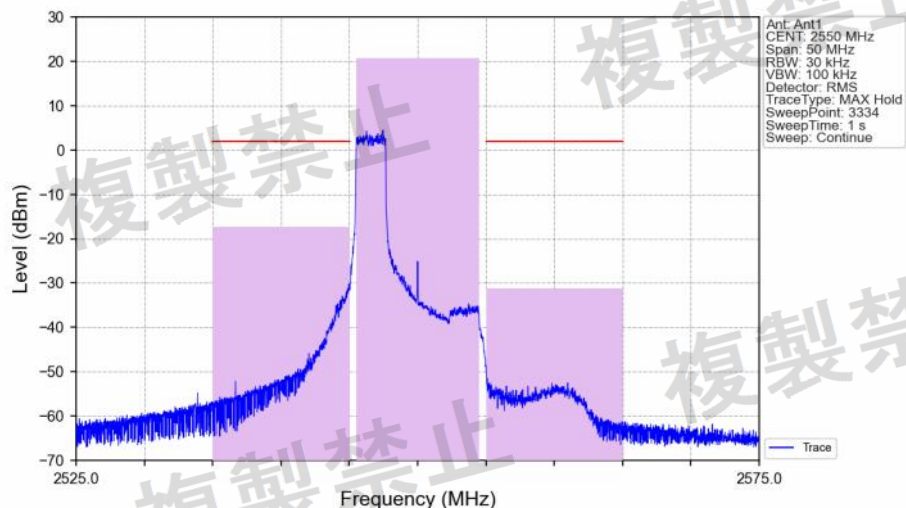
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.59	/	/	/	/
Fc - 10MHz	-10	10.00	-33.92	-33.92	2	35.92	Pass
Fc + 10MHz	10	10.00	-20.76	-20.76	2	22.76	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



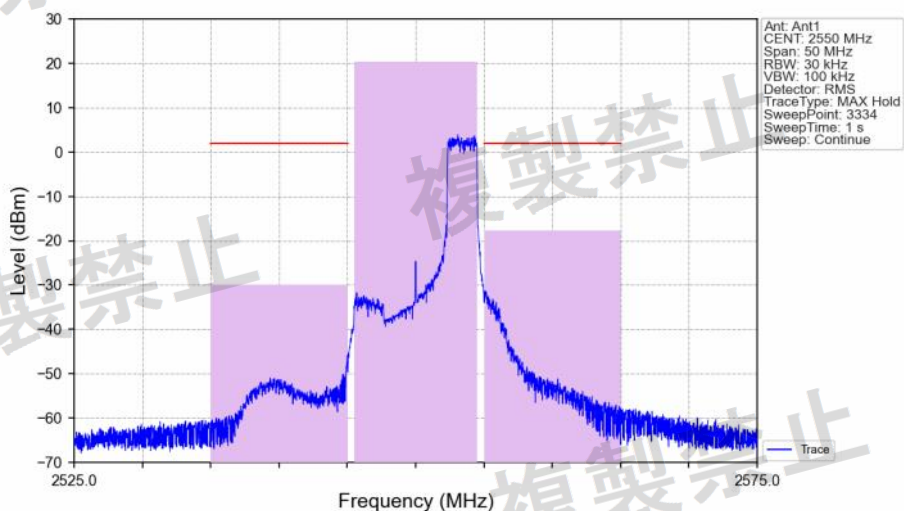
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	19.75	/	/	/	/
Fc - 10MHz	-10	10.00	-19.04	-19.04	2	21.04	Pass
Fc + 10MHz	10	10.00	-20.30	-20.30	2	22.30	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_12_0_NTNV



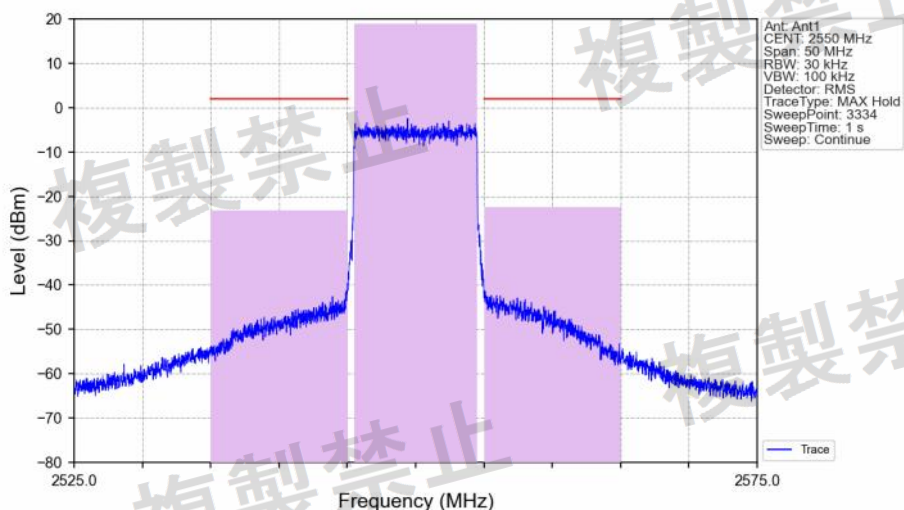
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.66	/	/	/	/
Fc - 10MHz	-10	10.00	-17.42	-17.42	2	19.42	Pass
Fc + 10MHz	10	10.00	-31.15	-31.15	2	33.15	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_12_38_NTNV



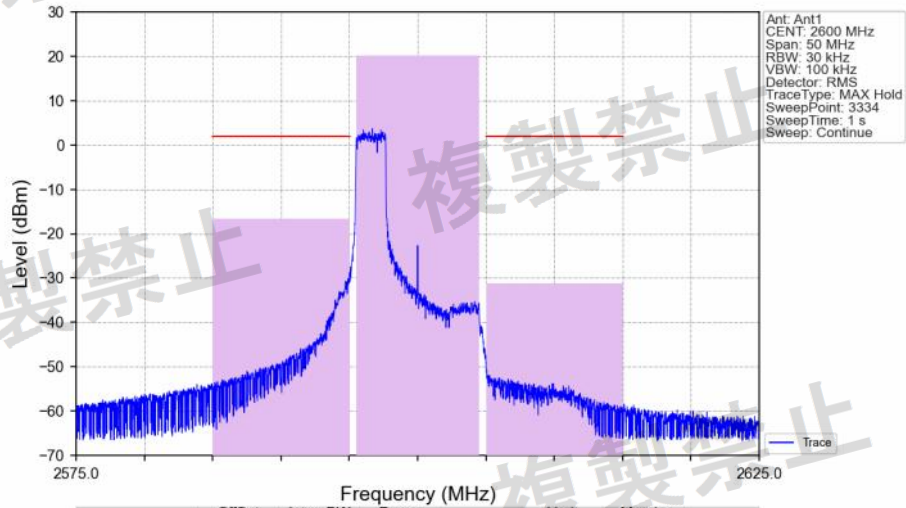
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.35				
Fc - 10MHz	-10	10.00	-29.84	-29.84	2	31.84	Pass
Fc + 10MHz	10	10.00	-17.76	-17.76	2	19.76	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_50_0_NTNV



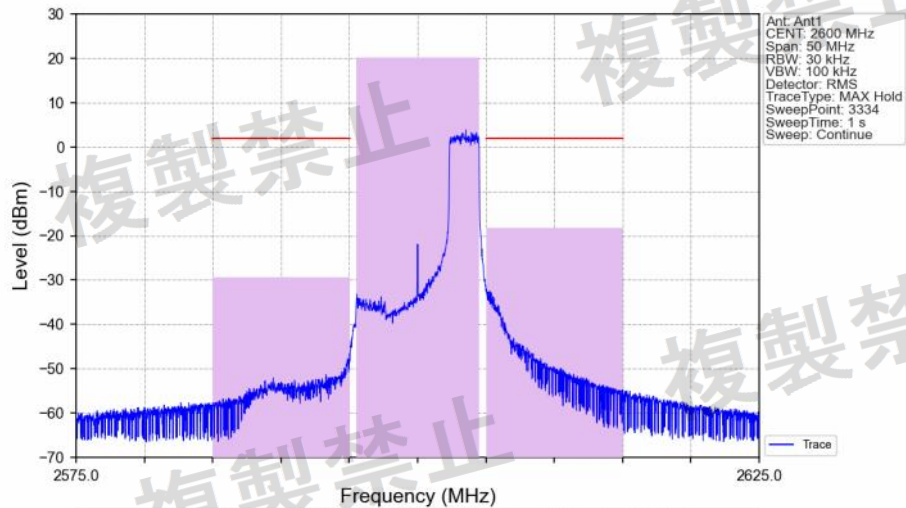
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	18.84				
Fc - 10MHz	-10	10.00	-23.18	-23.18	2	25.18	Pass
Fc + 10MHz	10	10.00	-22.48	-22.48	2	24.48	Pass

Band41_10MHz_16QAM_MCH_2600MHz_RB_12_0_NTNV



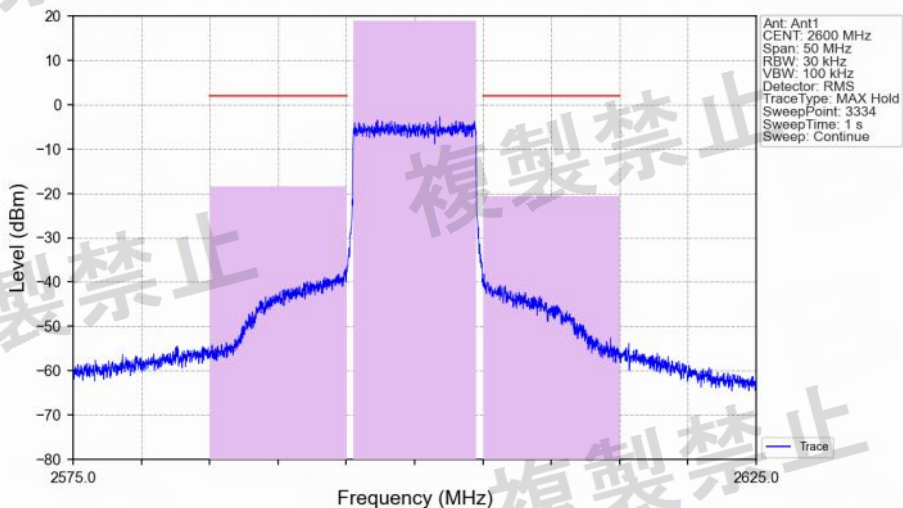
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.10	/	/	/	/
Fc - 10MHz	-10	10.00	-16.61	-16.61	2	18.61	Pass
Fc + 10MHz	10	10.00	-31.27	-31.27	2	33.27	Pass

Band41_10MHz_16QAM_MCH_2600MHz_RB_12_38_NTNV

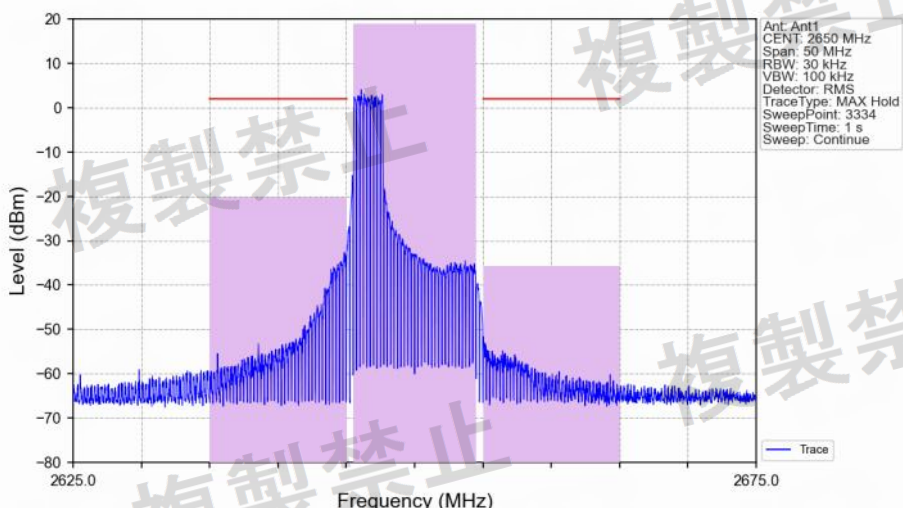


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.22	/	/	/	/
Fc - 10MHz	-10	10.00	-29.45	-29.45	2	31.45	Pass
Fc + 10MHz	10	10.00	-18.21	-18.21	2	20.21	Pass

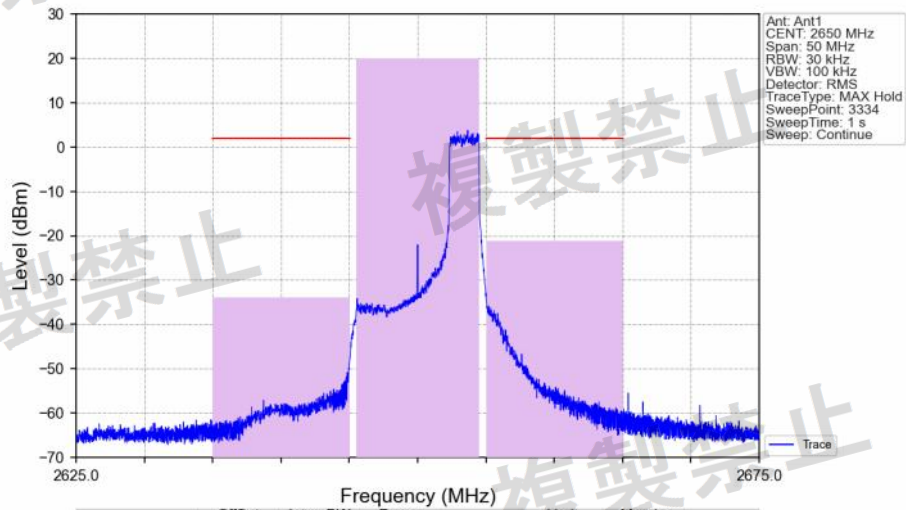
Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2650MHz_RB_12_0_NTNV

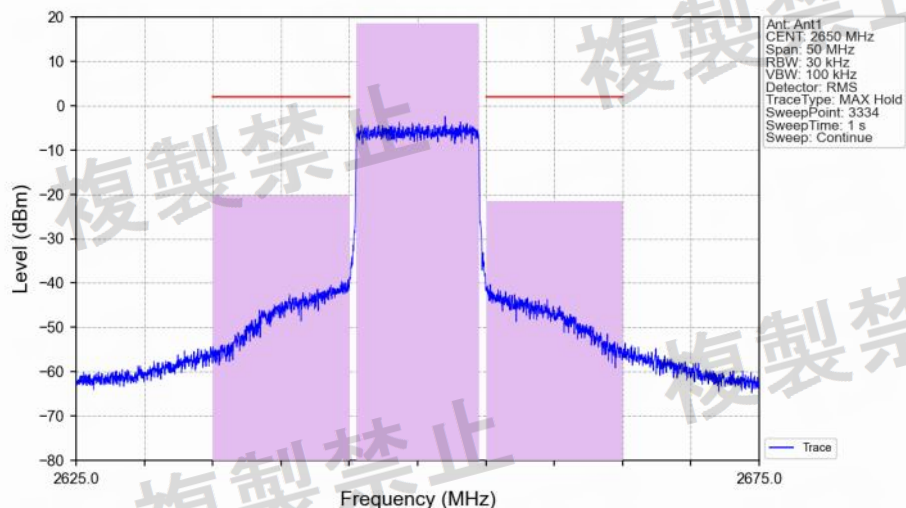


Band41_10MHz_16QAM_HCH_2650MHz_RB_12_38_NTNV



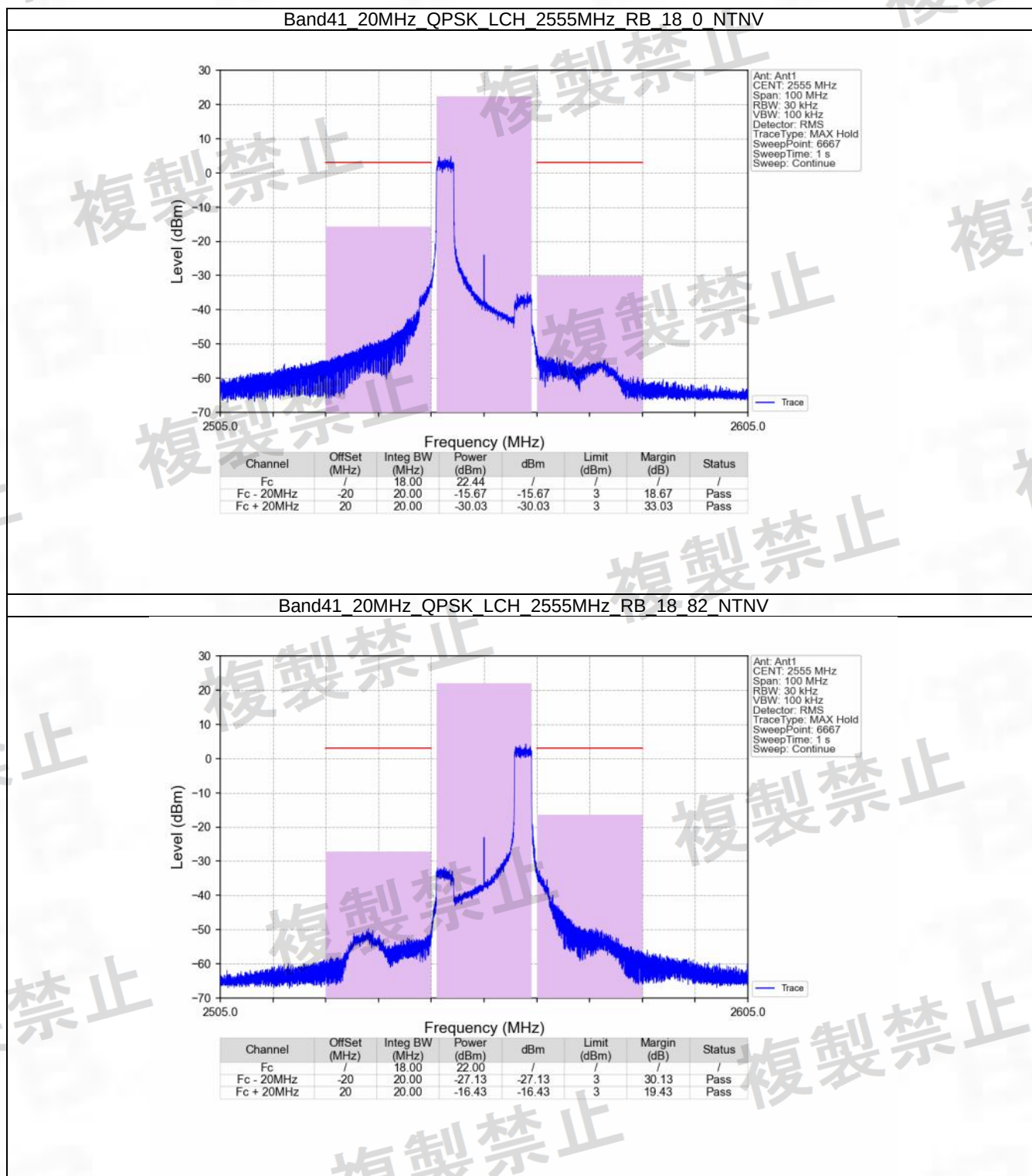
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	20.04	/	/	/	/
Fc - 10MHz	-10	10.00	-33.91	-33.91	2	35.91	Pass
Fc + 10MHz	10	10.00	-21.10	-21.10	2	23.10	Pass

Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

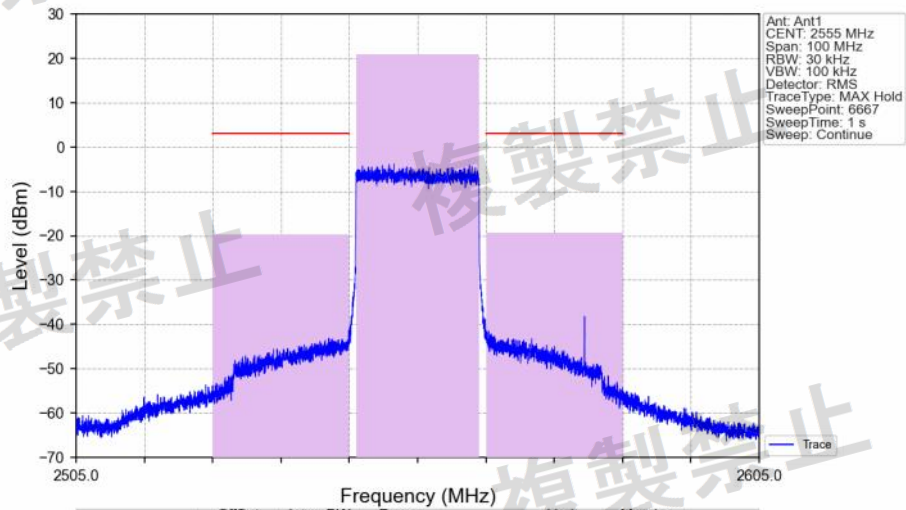


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	9.00	18.47	/	/	/	/
Fc - 10MHz	-10	10.00	-20.29	-20.29	2	22.29	Pass
Fc + 10MHz	10	10.00	-21.61	-21.61	2	23.61	Pass

4.2.3 B41_20MHz

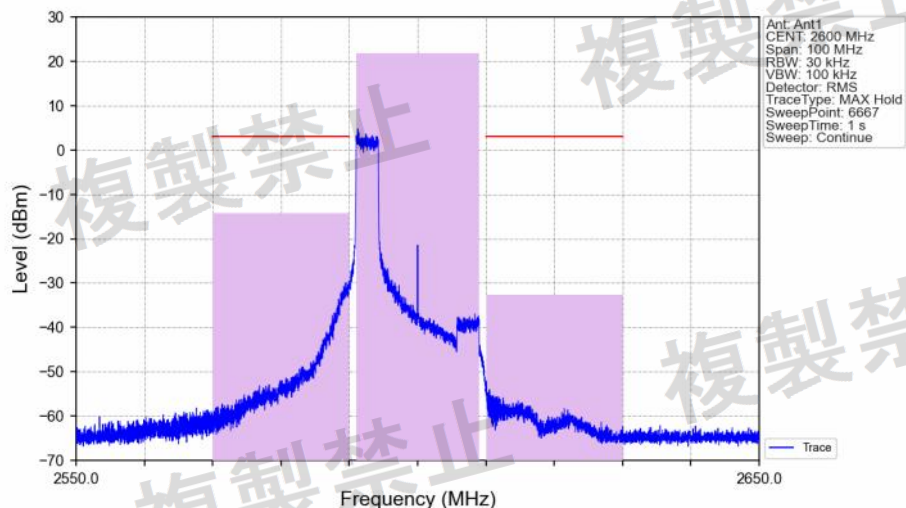


Band41_20MHz_QPSK_LCH_2555MHz_RB_100_0_NTNV



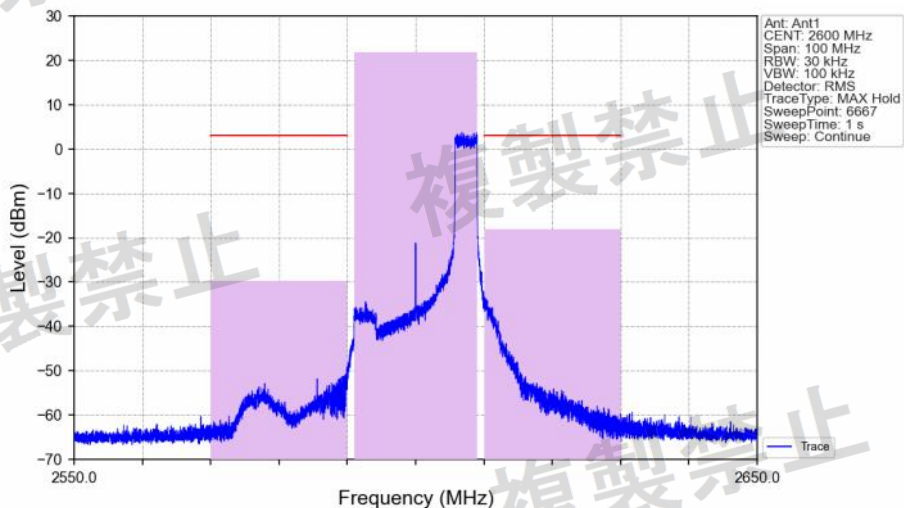
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.91	/	/	/	/
Fc - 20MHz	-20	20.00	-19.67	-19.67	3	22.67	Pass
Fc + 20MHz	20	20.00	-19.43	-19.43	3	22.43	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_18_0_NTNV



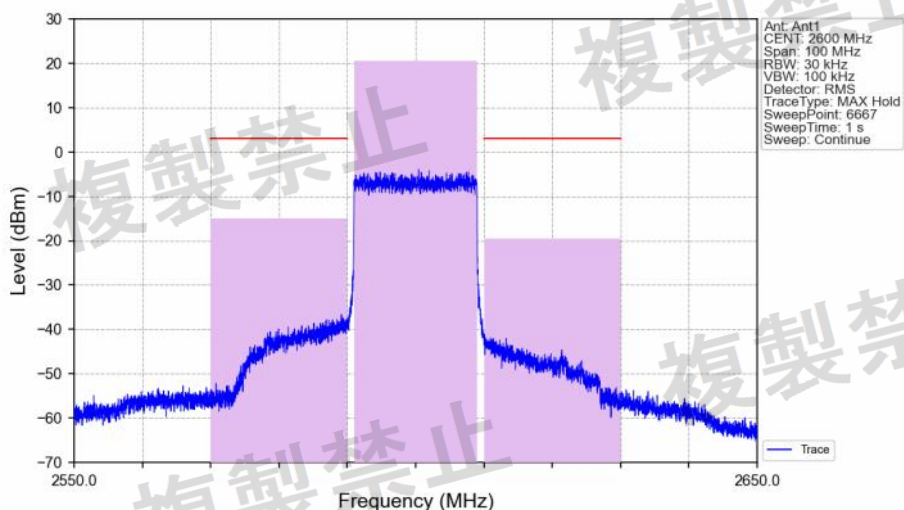
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.84	/	/	/	/
Fc - 20MHz	-20	20.00	-14.25	-14.25	3	17.25	Pass
Fc + 20MHz	20	20.00	-32.63	-32.63	3	35.63	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_18_82_NTNV



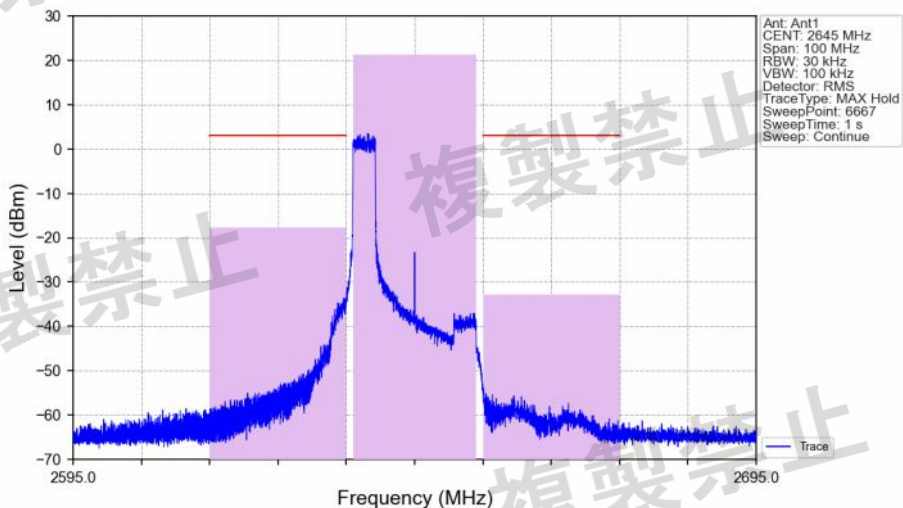
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.87	/	/	/	/
Fc - 20MHz	-20	20.00	-29.67	-29.67	3	32.67	Pass
Fc + 20MHz	20	20.00	-18.10	-18.10	3	21.10	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



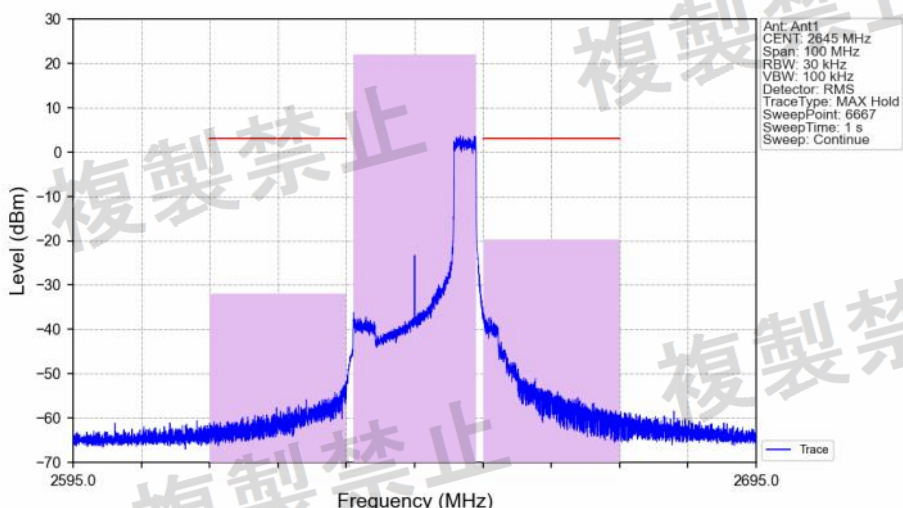
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.46	/	/	/	/
Fc - 20MHz	-20	20.00	-14.97	-14.97	3	17.97	Pass
Fc + 20MHz	20	20.00	-19.59	-19.59	3	22.59	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_18_0_NTNV



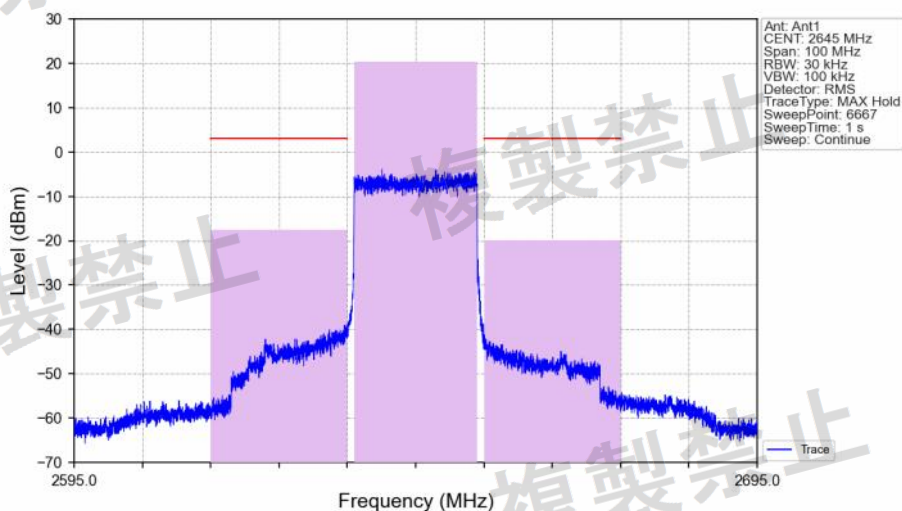
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.23	/	/	/	/
Fc - 20MHz	-20	20.00	-17.79	-17.79	3	20.79	Pass
Fc + 20MHz	20	20.00	-32.84	-32.84	3	35.84	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_18_82_NTNV



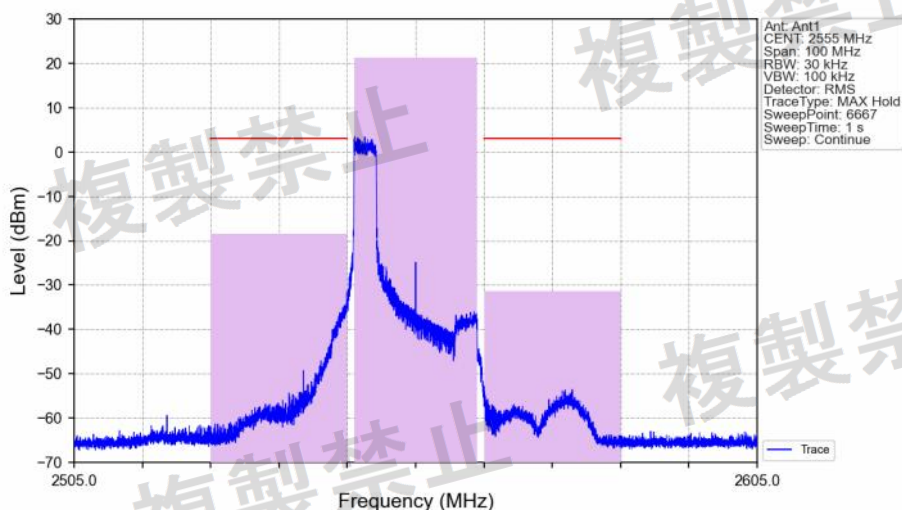
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.96	/	/	/	/
Fc - 20MHz	-20	20.00	-31.96	-31.96	3	34.96	Pass
Fc + 20MHz	20	20.00	-19.71	-19.71	3	22.71	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



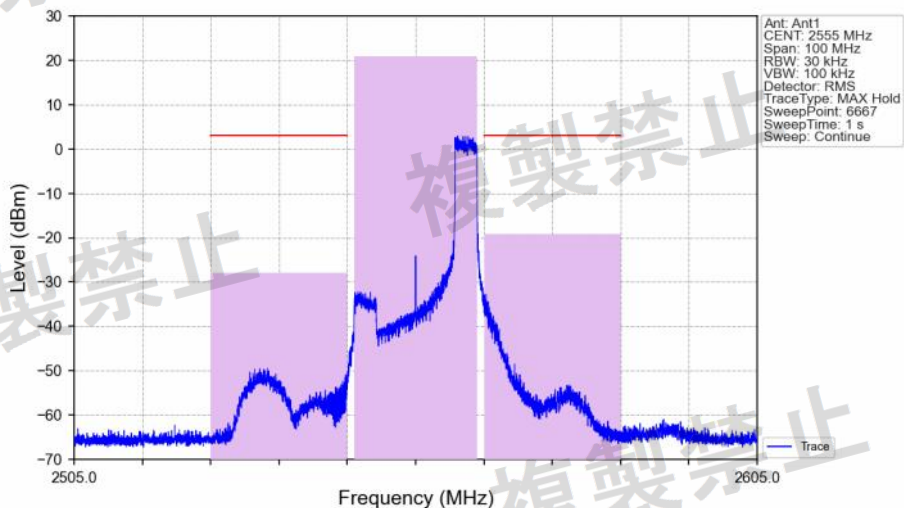
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.42	/	/	/	/
Fc - 20MHz	-20	20.00	-17.52	-17.52	3	20.52	Pass
Fc + 20MHz	20	20.00	-19.91	-19.91	3	22.91	Pass

Band41_20MHz_16QAM_LCH_2555MHz_RB_18_0_NTNV



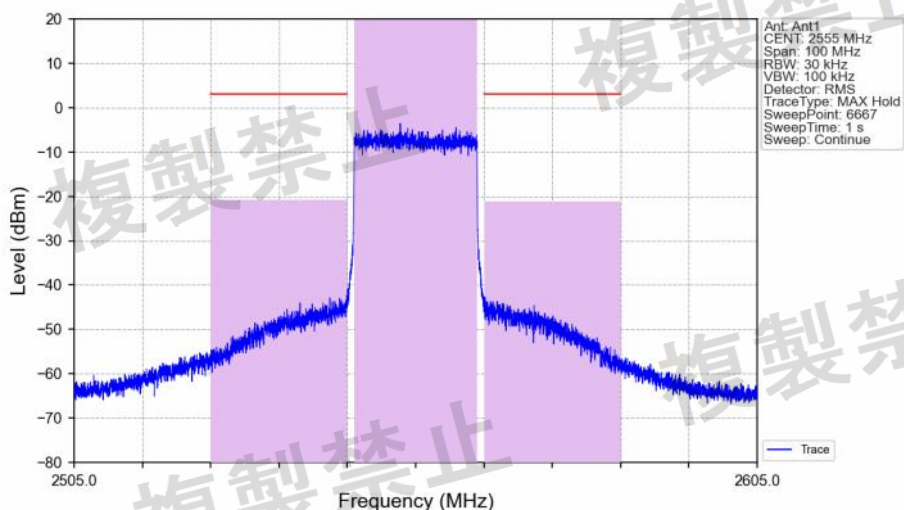
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.21	/	/	/	/
Fc - 20MHz	-20	20.00	-18.43	-18.43	3	21.43	Pass
Fc + 20MHz	20	20.00	-31.41	-31.41	3	34.41	Pass

Band41 20MHz 16QAM LCH 2555MHz RB 18 82 NTV



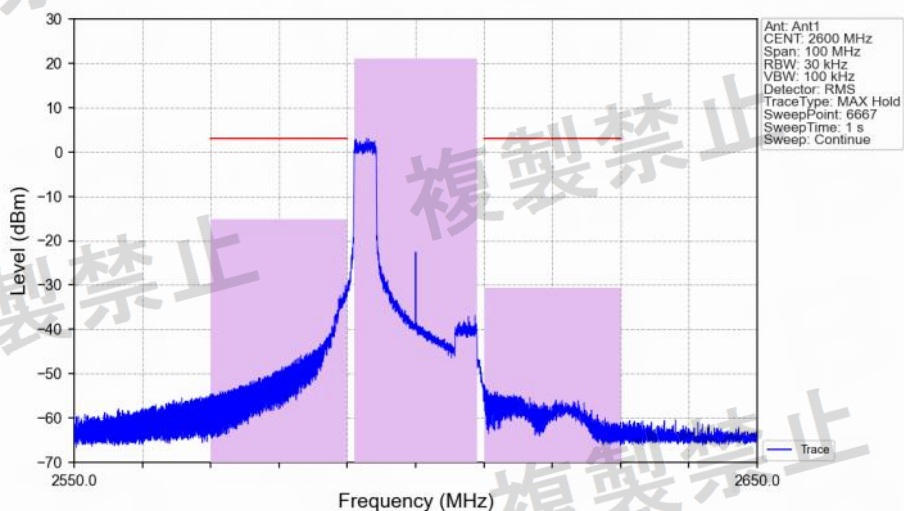
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.91	/	/	/	/
Fc - 20MHz	-20	20.00	-27.88	-27.88	3	30.88	Pass
Fc + 20MHz	20	20.00	-19.11	-19.11	3	22.11	Pass

Band41 20MHz 16QAM LCH 2555MHz RB 100 0 NTV



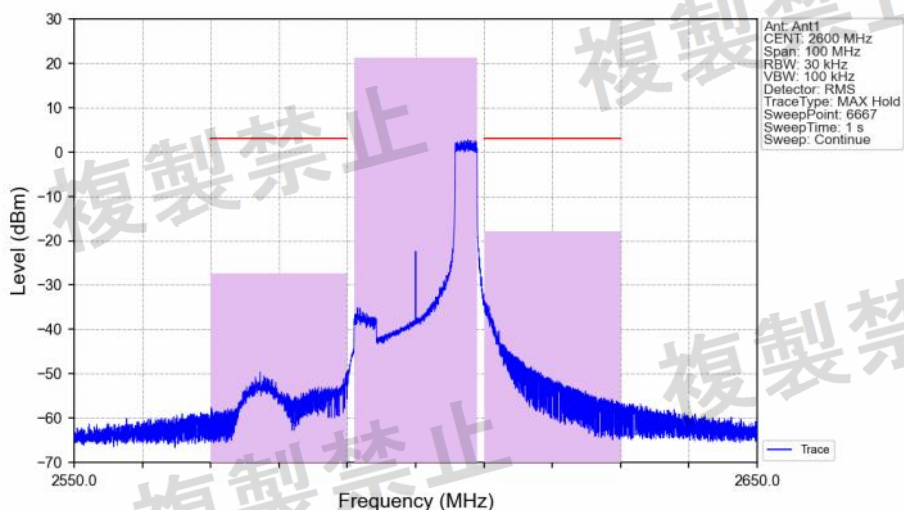
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	19.90	/	/	/	/
Fc - 20MHz	-20	20.00	-20.87	-20.87	3	23.87	Pass
Fc + 20MHz	20	20.00	-21.12	-21.12	3	24.12	Pass

Band41_20MHz_16QAM_MCH_2600MHz_RB_18_0_NTNV



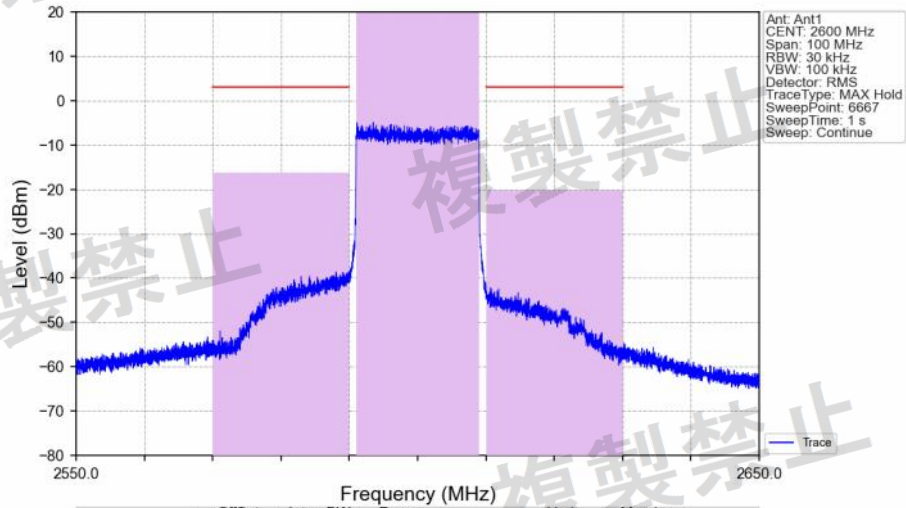
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.11	/	/	/	/
Fc - 20MHz	-20	20.00	-15.09	-15.09	3	18.09	Pass
Fc + 20MHz	20	20.00	-30.71	-30.71	3	33.71	Pass

Band41_20MHz_16QAM_MCH_2600MHz_RB_18_82_NTNV



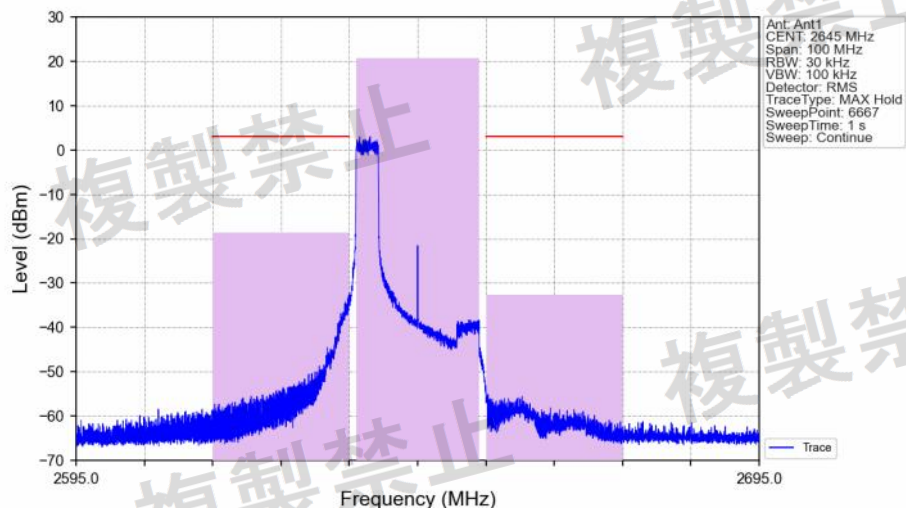
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	21.33	/	/	/	/
Fc - 20MHz	-20	20.00	-27.36	-27.36	3	30.36	Pass
Fc + 20MHz	20	20.00	-17.87	-17.87	3	20.87	Pass

Band41 20MHz 16QAM MCH 2600MHz RB 100 0 NTN



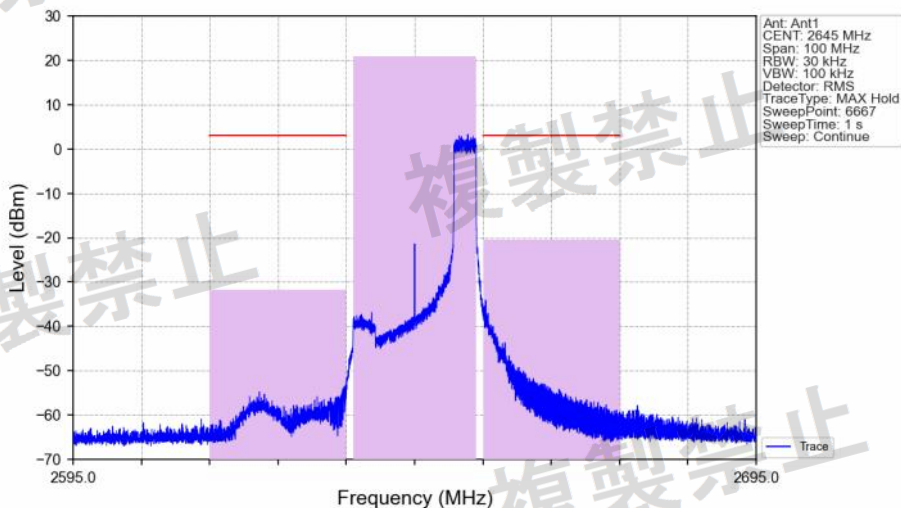
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	19.82	/	/	/	/
Fc - 20MHz	-20	20.00	-16.18	-16.18	3	19.18	Pass
Fc + 20MHz	20	20.00	-20.32	-20.32	3	23.32	Pass

Band41 20MHz 16QAM HCH 2645MHz RB 18 0 NTN



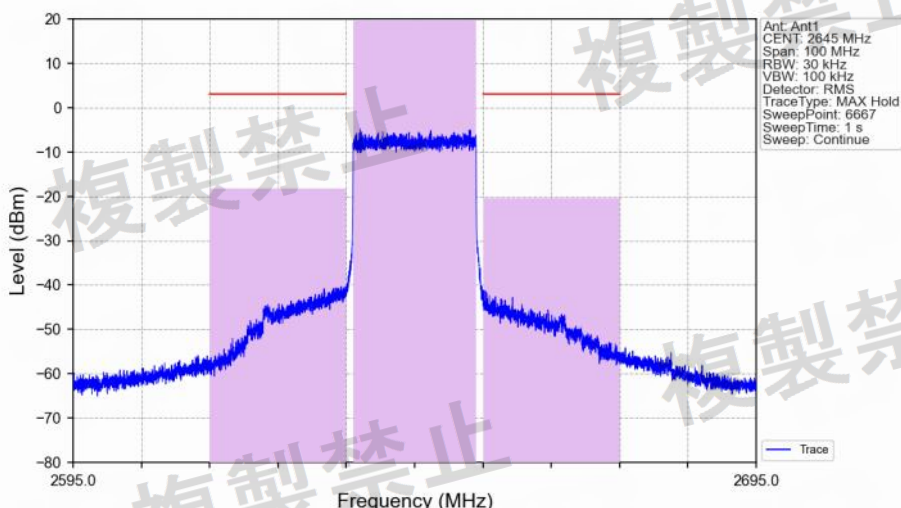
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.76	/	/	/	/
Fc - 20MHz	-20	20.00	-18.71	-18.71	3	21.71	Pass
Fc + 20MHz	20	20.00	-32.74	-32.74	3	35.74	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_18_82_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	20.92	/	/	/	/
Fc - 20MHz	-20	20.00	-31.76	-31.76	3	34.76	Pass
Fc + 20MHz	20	20.00	-20.45	-20.45	3	23.45	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBm	Limit (dBm)	Margin (dB)	Status
Fc	/	18.00	19.70	/	/	/	/
Fc - 20MHz	-20	20.00	-18.18	-18.18	3	21.18	Pass
Fc + 20MHz	20	20.00	-20.37	-20.37	3	23.37	Pass

5. Tolerance of Out-band Leakage Power

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz										
Modulation	Channel Number	40165		40690		41215		Unit	Limit	Result
	Frequency Center (MHz)	2547.5		2600		2652.5				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-12.5M ≤ Δf < -7.5M	2539.960	-35.97	2592.470	-38.87	2645.000	-37.39	dBm/MHz	<=-10	Pass
	+7.5M ≤ Δf < +12.5M	2555.010	-37.43	2607.505	-38.87	2660.000	-37.41	dBm/MHz	<=-10	Pass
16QAM	-12.5M ≤ Δf < -7.5M	2539.940	-37.11	2592.485	-37.32	2645.000	-37.96	dBm/MHz	<=-10	Pass
	+7.5M ≤ Δf < +12.5M	2555.155	-38.36	2607.640	-38.26	2660.040	-38.47	dBm/MHz	<=-10	Pass

5.1.2 B41_10MHz

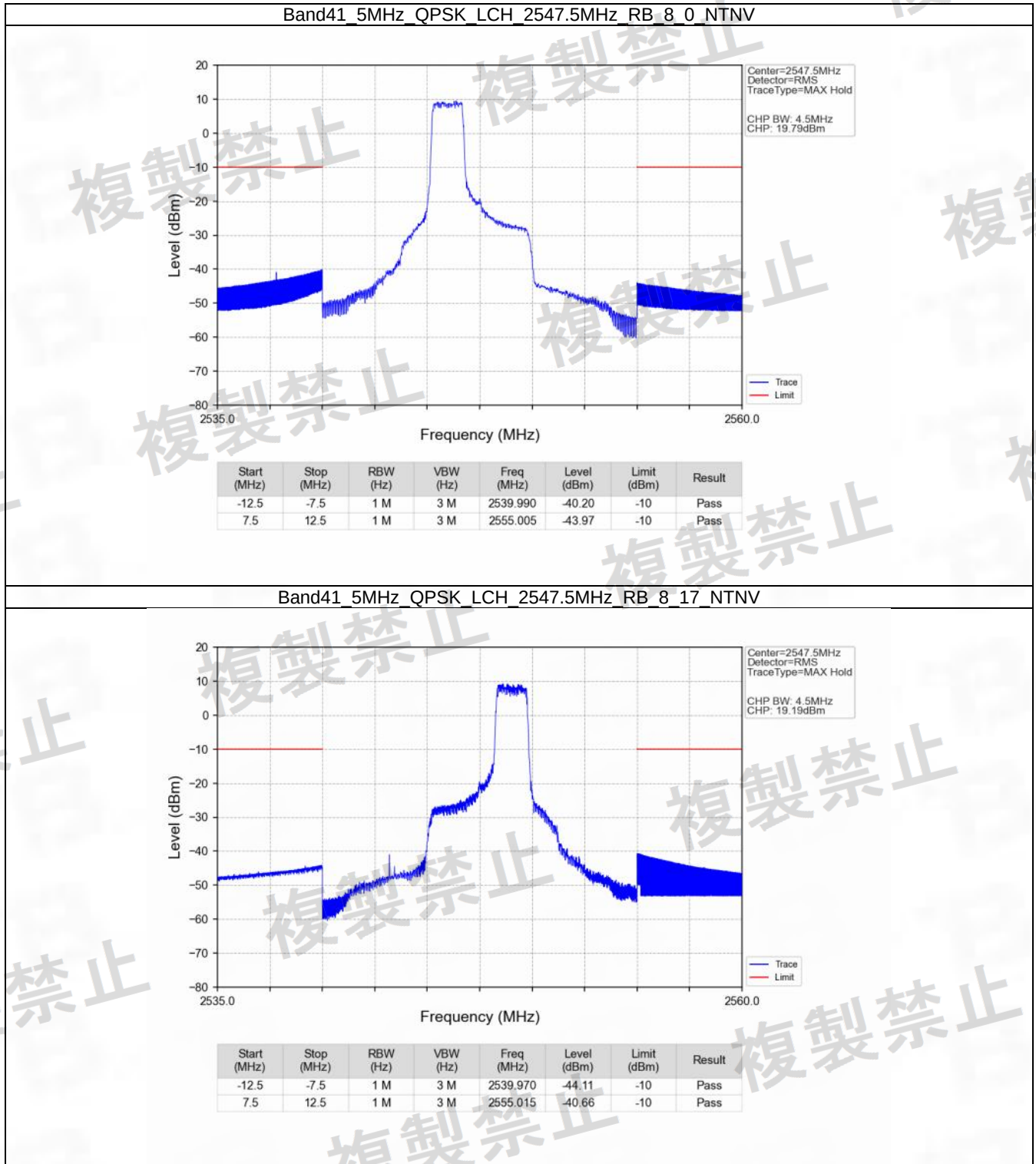
Band: 41 / Bandwidth: 10MHz										
Modulation	Channel Number	40190		40690		41190		Unit	Limit	Result
	Frequency Center (MHz)	2550		2600		2650				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-25M ≤ Δf < -20M	2529.980	-43.29	2579.910	-42.31	2629.960	-43.58	dBm/MHz	<=-30	Pass
	-20M ≤ Δf < -15M	2534.960	-40.16	2584.905	-41.31	2634.980	-41.83	dBm/MHz	<=-25	Pass
	+15M ≤ Δf < +20M	2565.015	-40.89	2615.075	-41.20	2665.015	-40.80	dBm/MHz	<=-25	Pass
	+20M ≤ Δf < +25M	2570.040	-45.71	2620.075	-43.28	2670.005	-42.58	dBm/MHz	<=-30	Pass
16QAM	-25M ≤ Δf < -20M	2529.630	-45.23	2579.845	-43.83	2629.945	-45.97	dBm/MHz	<=-30	Pass
	-20M ≤ Δf < -15M	2534.980	-40.37	2584.660	-41.25	2634.895	-41.62	dBm/MHz	<=-25	Pass
	+15M ≤ Δf < +20M	2565.195	-41.71	2615.005	-41.43	2665.070	-41.15	dBm/MHz	<=-25	Pass
	+20M ≤ Δf < +25M	2570.080	-47.35	2620.190	-45.83	2670.035	-45.33	dBm/MHz	<=-30	Pass

5.1.3 B41_20MHz

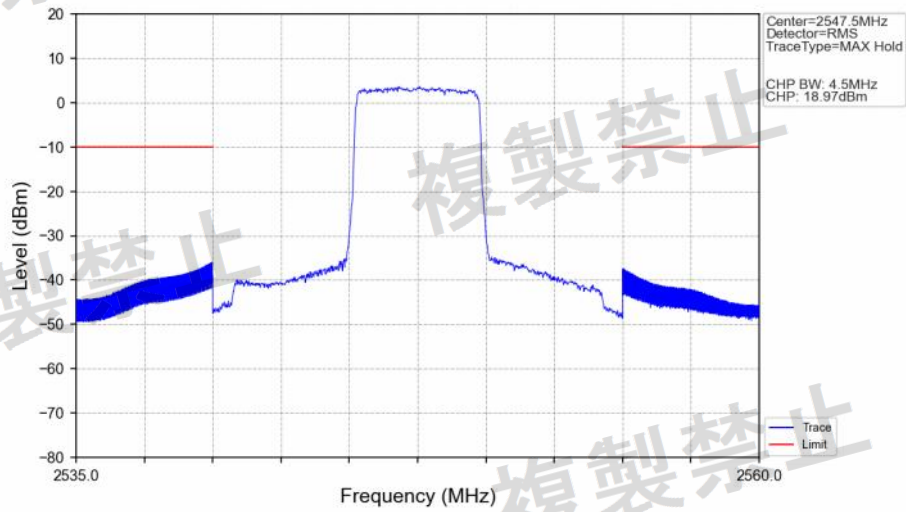
Band: 41 / Bandwidth: 20MHz										
Modulation	Channel Number	40240		40690		41140		Unit	Limit	Result
	Frequency Center (MHz)	2555		2600		2645				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-50M ≤ Δf < -35M	2519.970	-44.44	2563.350	-42.29	2608.005	-45.46	dBm/MHz	<=-30	Pass
	-35M ≤ Δf < -30M	2524.950	-42.57	2569.185	-41.76	2614.905	-45.10	dBm/MHz	<=-25	Pass
	+30M ≤ Δf < +35M	2585.105	-43.29	2630.080	-42.64	2675.015	-42.83	dBm/MHz	<=-25	Pass
	+35M ≤ Δf < +50M	2590.060	-46.55	2635.030	-43.84	2682.145	-43.60	dBm/MHz	<=-30	Pass
16QAM	-50M ≤ Δf < -35M	2519.940	-45.75	2564.700	-43.64	2609.925	-46.27	dBm/MHz	<=-30	Pass
	-35M ≤ Δf < -30M	2524.940	-43.59	2569.820	-42.87	2614.885	-44.89	dBm/MHz	<=-25	Pass
	+30M ≤ Δf < +35M	2585.005	-44.52	2630.050	-43.51	2675.115	-43.36	dBm/MHz	<=-25	Pass
	+35M ≤ Δf < +50M	2590.105	-47.51	2635.045	-45.60	2680.060	-44.83	dBm/MHz	<=-30	Pass

5.2 Test Graph

5.2.1 B41_5MHz

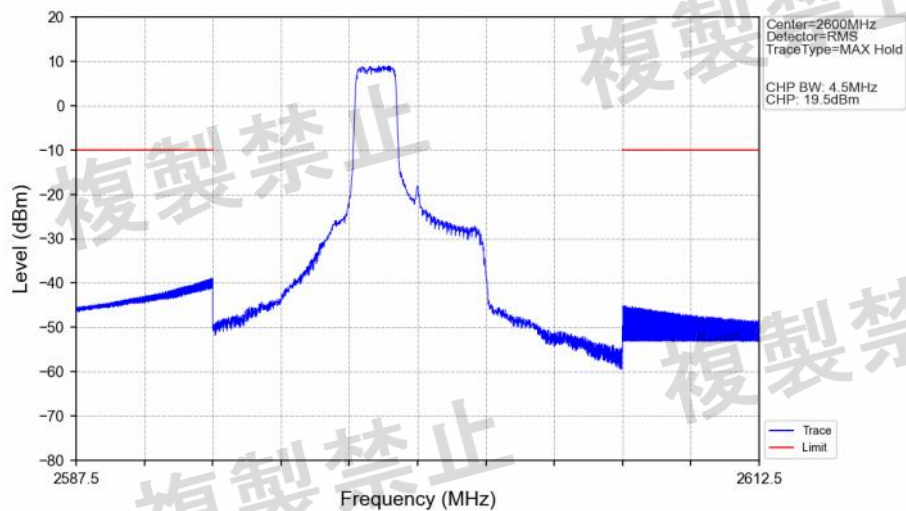


Band41_5MHz_QPSK_LCH_2547.5MHz_RB_25_0_NTNV



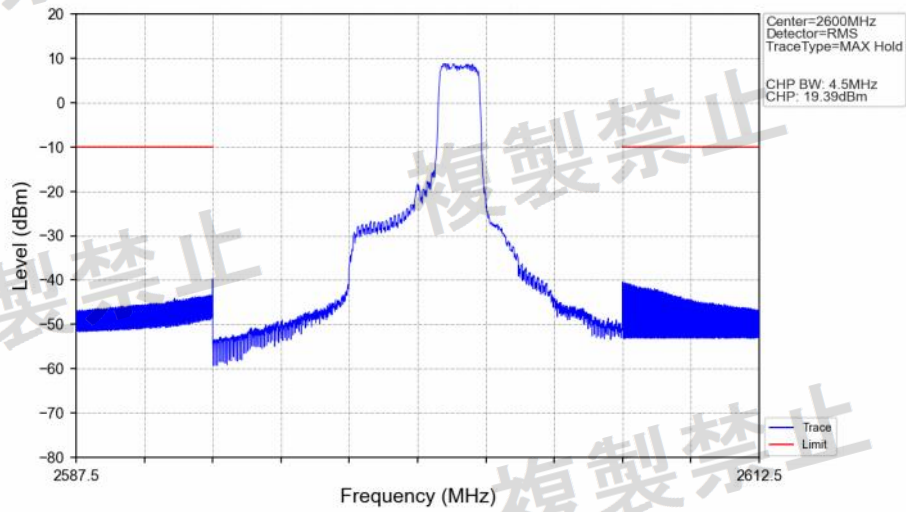
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2539.960	-35.97	-10	Pass
7.5	12.5	1 M	3 M	2555.010	-37.43	-10	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_8_0_NTNV



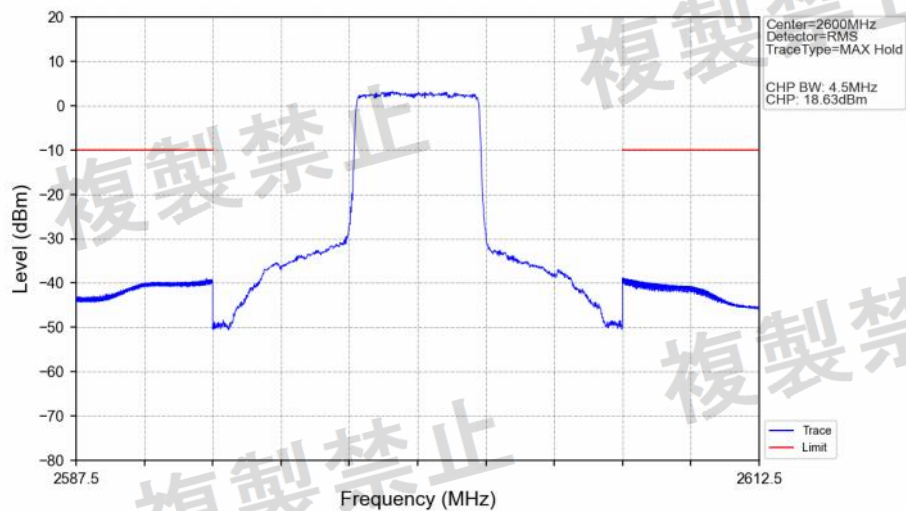
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.470	-38.87	-10	Pass
7.5	12.5	1 M	3 M	2607.615	-45.07	-10	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_8_17_NTNV



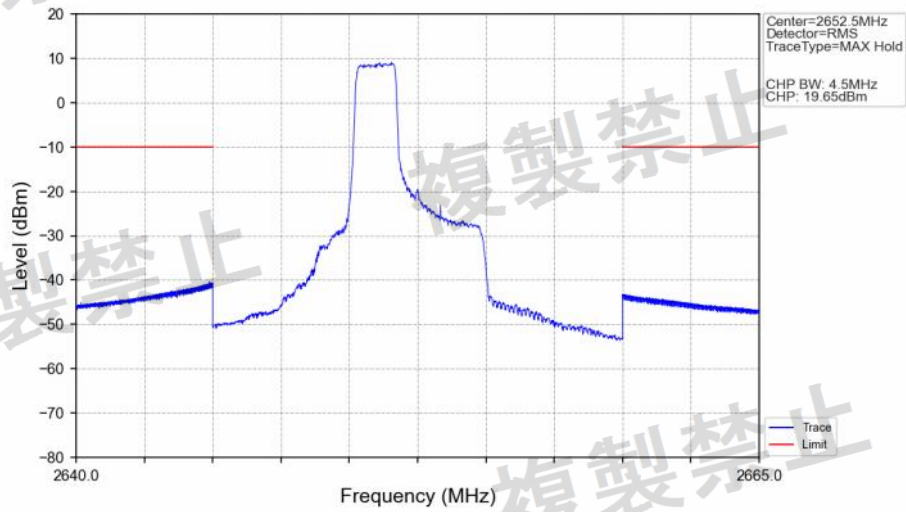
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.500	-39.79	-10	Pass
7.5	12.5	1 M	3 M	2607.500	-40.44	-10	Pass

Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



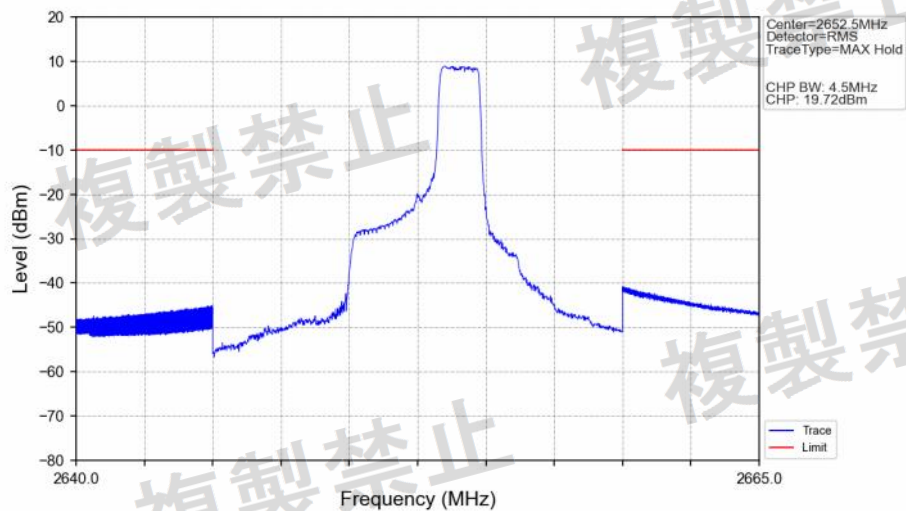
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.265	-38.91	-10	Pass
7.5	12.5	1 M	3 M	2607.505	-38.87	-10	Pass

Band41_ 5MHz QPSK HCH 2652.5MHz RB 8 0 NTN



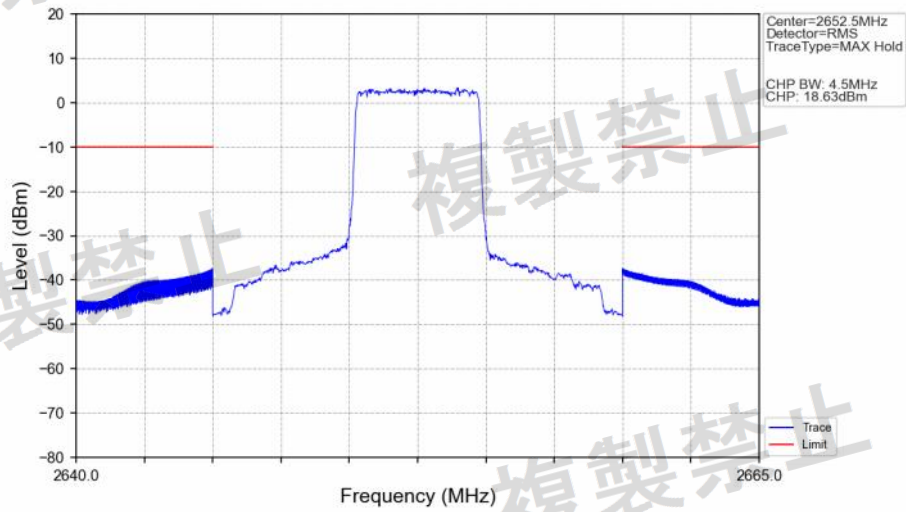
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2644.885	-40.29	-10	Pass
7.5	12.5	1 M	3 M	2660.015	-43.18	-10	Pass

Band41_ 5MHz QPSK HCH 2652.5MHz RB 8 17 NTN



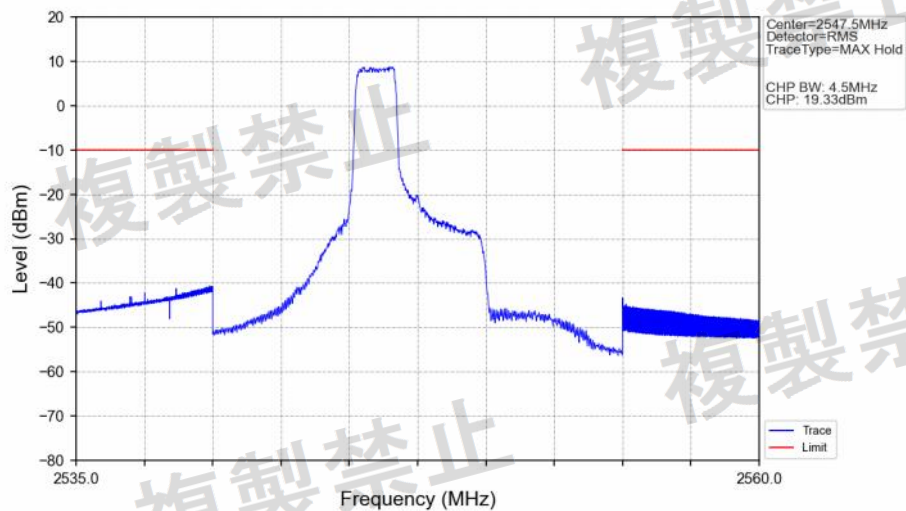
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2644.985	-45.07	-10	Pass
7.5	12.5	1 M	3 M	2660.015	-40.75	-10	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



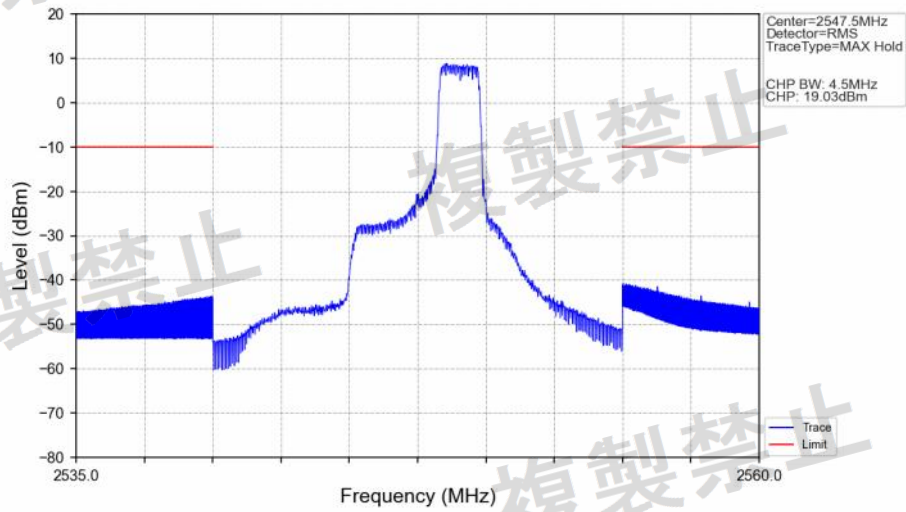
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2645.000	-37.39	-10	Pass
7.5	12.5	1 M	3 M	2660.000	-37.41	-10	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_8_0_NTNV



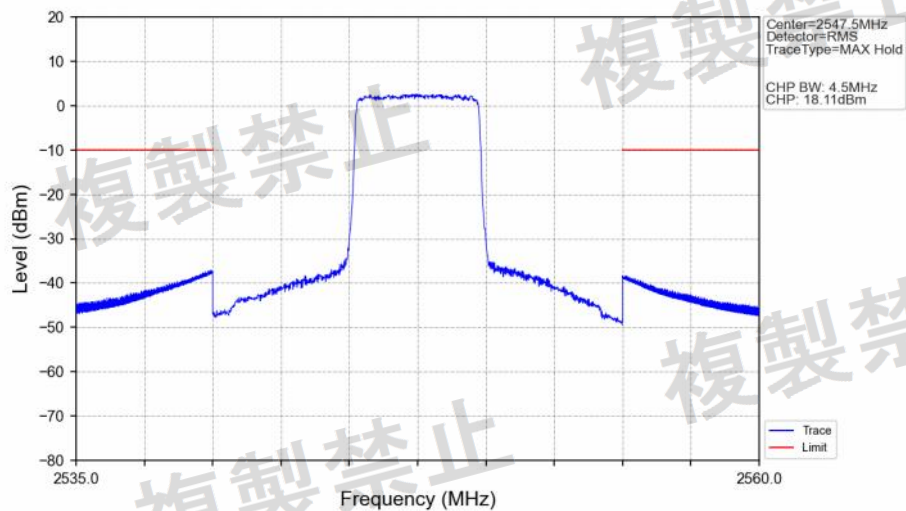
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2539.895	-40.62	-10	Pass
7.5	12.5	1 M	3 M	2555.005	-43.32	-10	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_8_17_NTNV



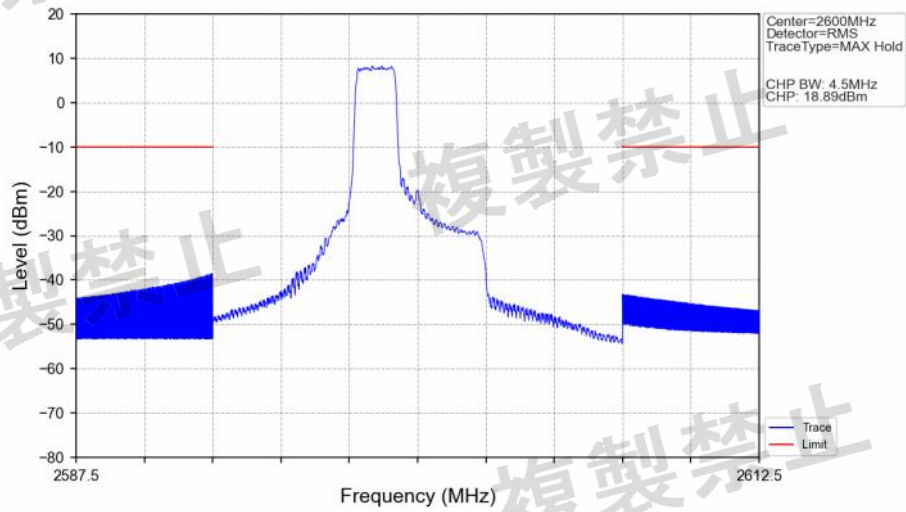
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2539.970	-43.65	-10	Pass
7.5	12.5	1 M	3 M	2555.025	-40.67	-10	Pass

Band41_5MHz_16QAM_LCH_2547.5MHz_RB_25_0_NTNV



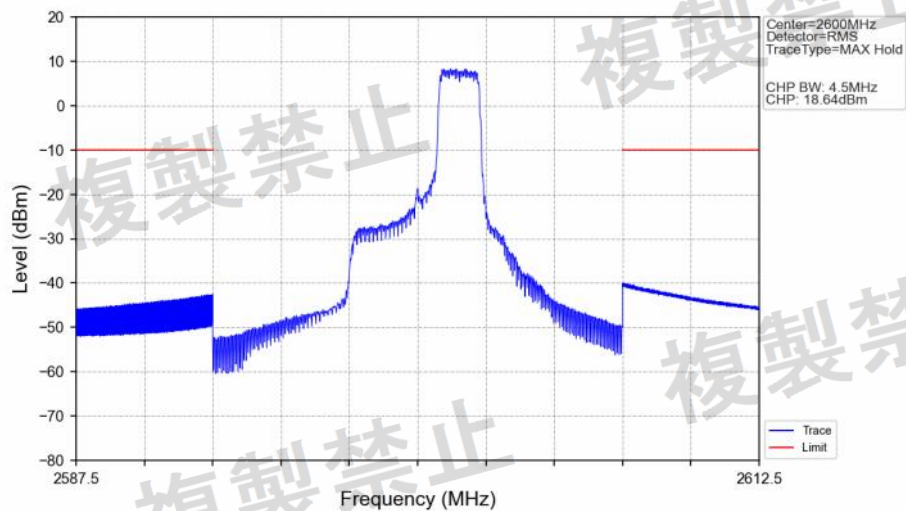
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2539.940	-37.11	-10	Pass
7.5	12.5	1 M	3 M	2555.155	-38.36	-10	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_8_0_NTNV



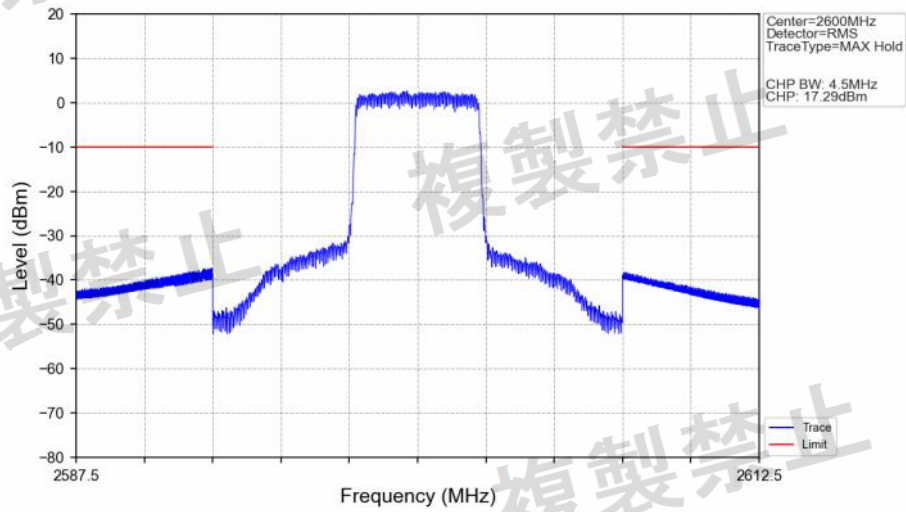
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.485	-38.48	-10	Pass
7.5	12.5	1 M	3 M	2607.510	-43.16	-10	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_8_17_NTNV



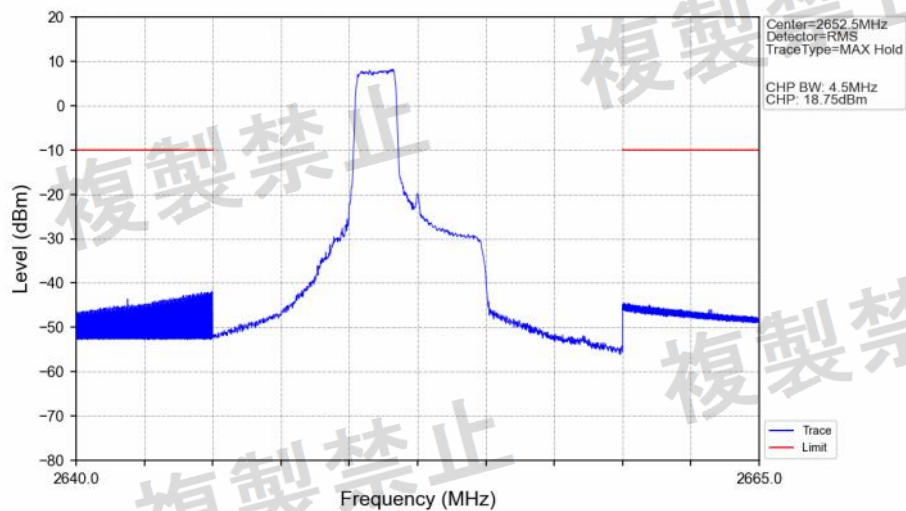
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.495	-42.50	-10	Pass
7.5	12.5	1 M	3 M	2607.505	-40.01	-10	Pass

Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



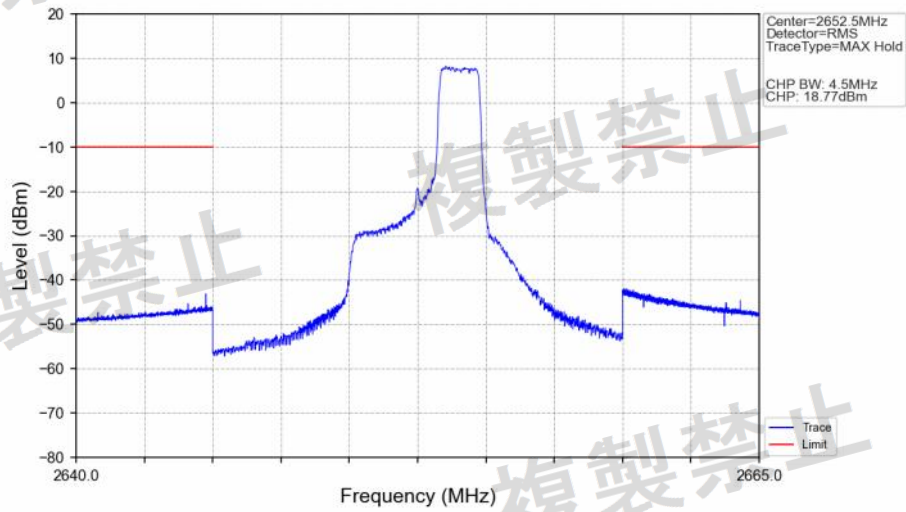
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2592.485	-37.32	-10	Pass
7.5	12.5	1 M	3 M	2607.640	-38.26	-10	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_8_0_NTNV



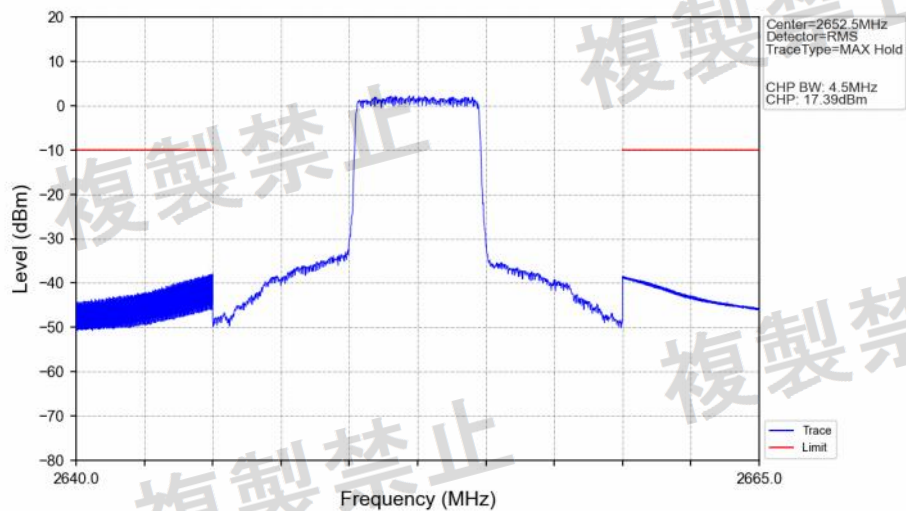
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2644.985	-41.76	-10	Pass
7.5	12.5	1 M	3 M	2660.060	-44.45	-10	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_8_17_NTNV



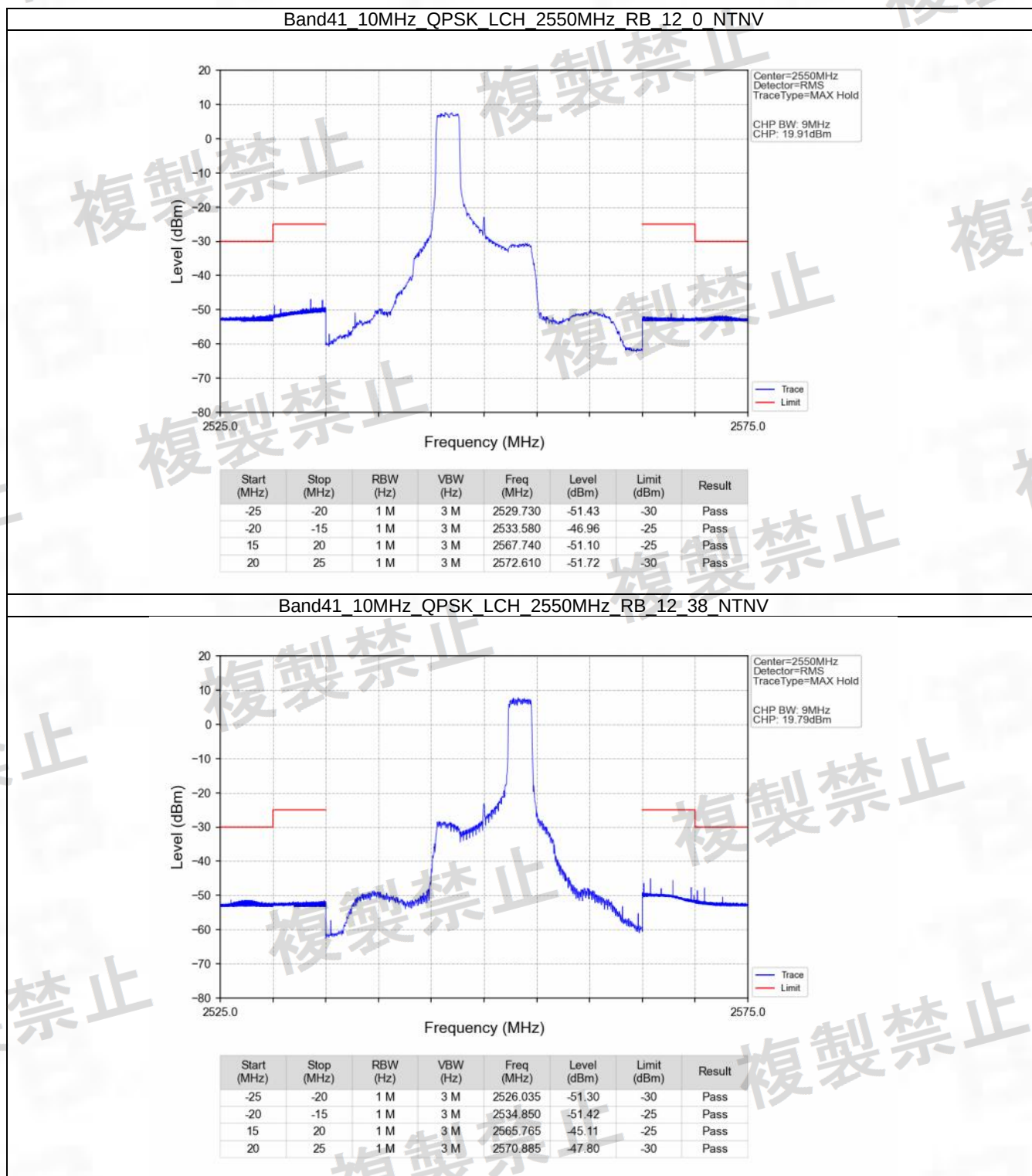
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2644.750	-43.09	-10	Pass
7.5	12.5	1 M	3 M	2660.080	-41.96	-10	Pass

Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

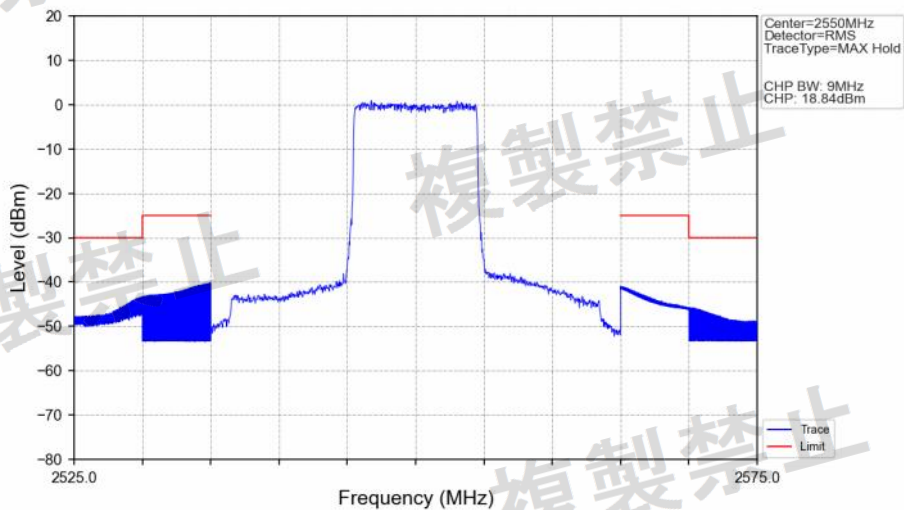


Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-7.5	1 M	3 M	2645.000	-37.96	-10	Pass
7.5	12.5	1 M	3 M	2660.040	-38.47	-10	Pass

5.2.2 B41_10MHz

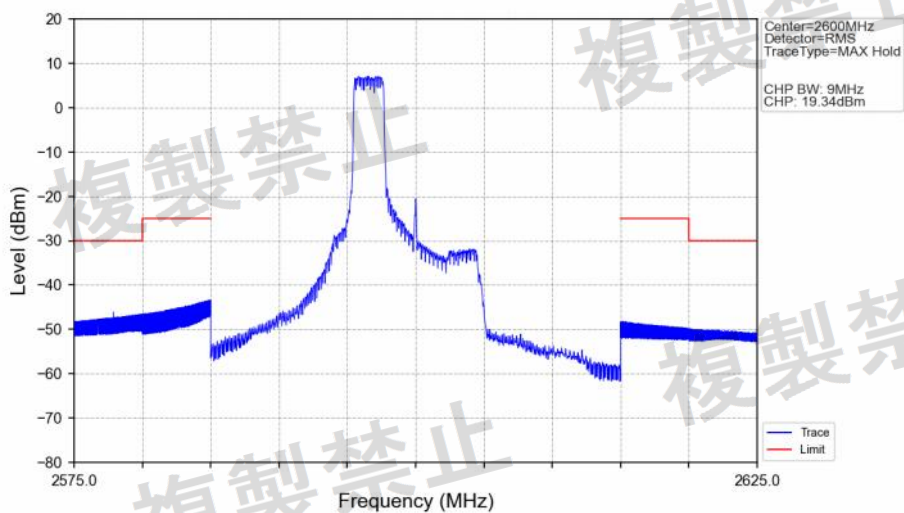


Band41_10MHz_QPSK_LCH_2550MHz_RB_50_0_NTNV



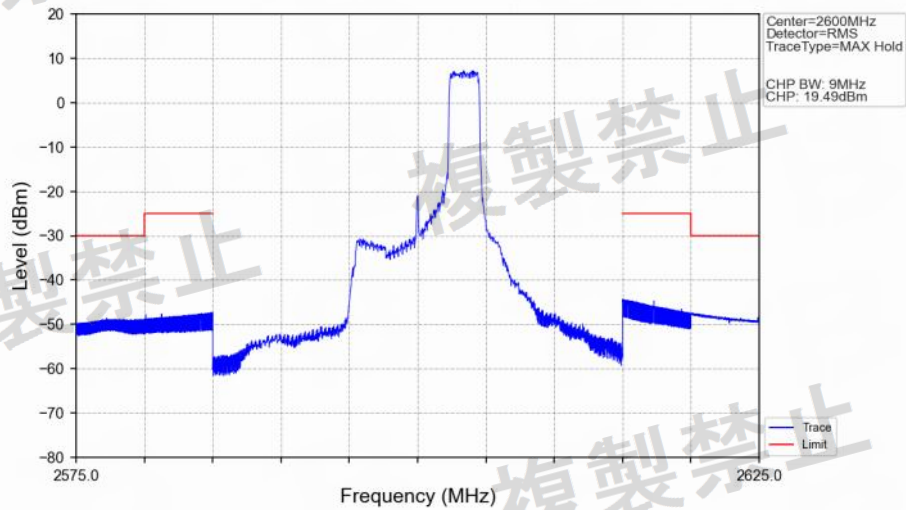
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2529.980	-43.29	-30	Pass
-20	-15	1 M	3 M	2534.960	-40.16	-25	Pass
15	20	1 M	3 M	2565.015	-40.89	-25	Pass
20	25	1 M	3 M	2570.040	-45.71	-30	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_12_0_NTNV



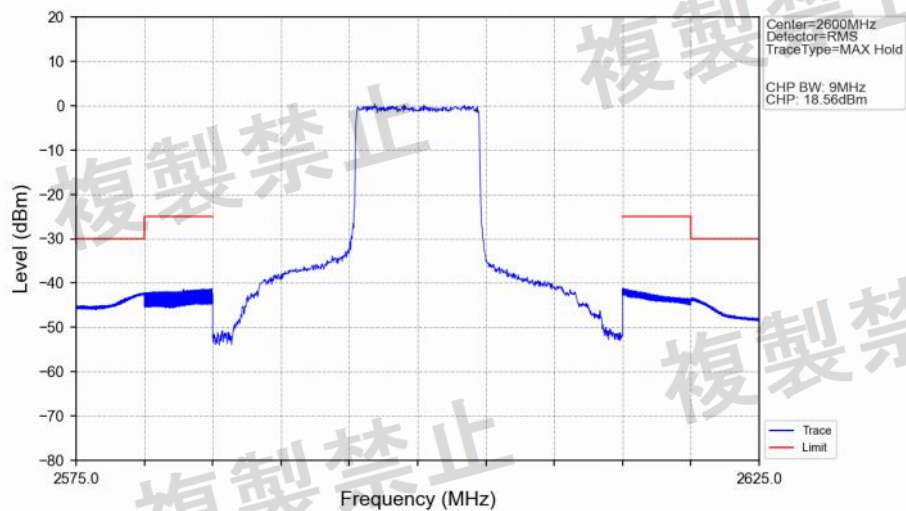
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2577.870	-46.09	-30	Pass
-20	-15	1 M	3 M	2584.995	-43.31	-25	Pass
15	20	1 M	3 M	2615.225	-48.25	-25	Pass
20	25	1 M	3 M	2620.145	-49.88	-30	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_12_38_NTNV



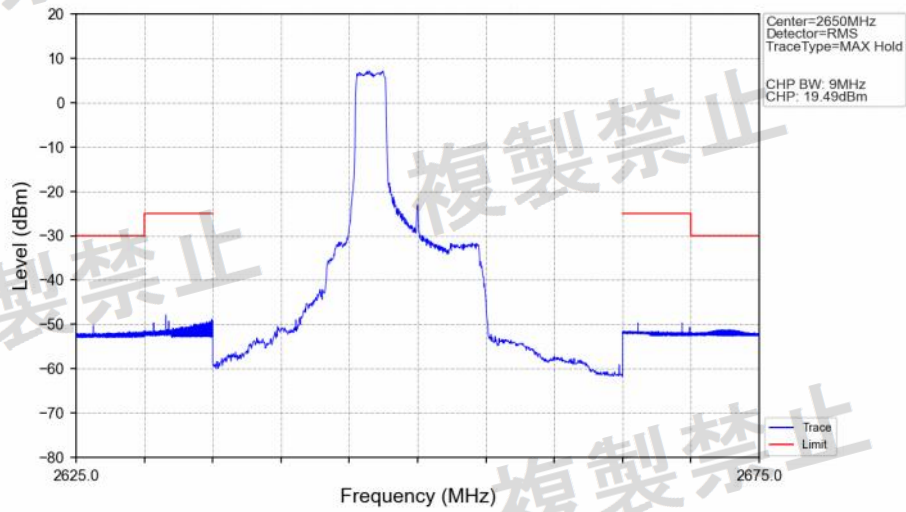
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2577.215	-48.58	-30	Pass
-20	-15	1 M	3 M	2584.985	-47.32	-25	Pass
15	20	1 M	3 M	2615.060	-44.33	-25	Pass
20	25	1 M	3 M	2620.190	-47.45	-30	Pass

Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



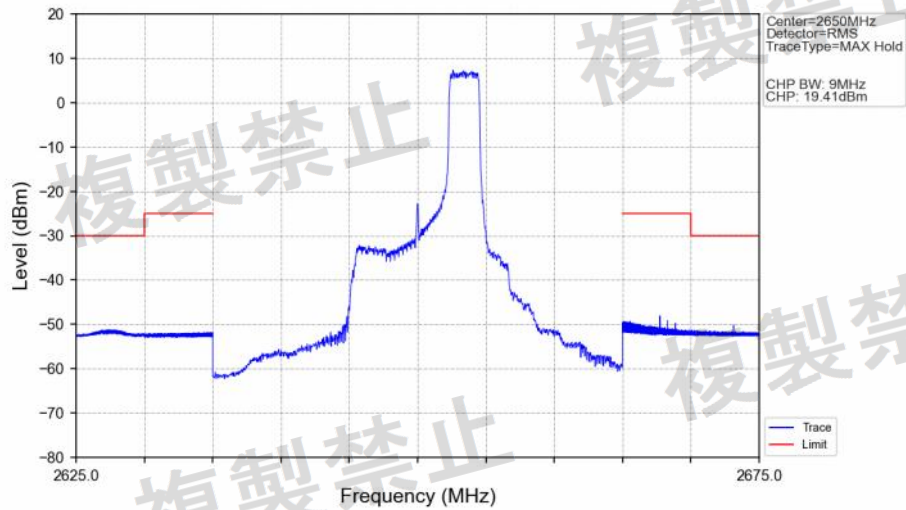
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2579.910	-42.31	-30	Pass
-20	-15	1 M	3 M	2584.905	-41.31	-25	Pass
15	20	1 M	3 M	2615.075	-41.20	-25	Pass
20	25	1 M	3 M	2620.075	-43.28	-30	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_12_0_NTNV



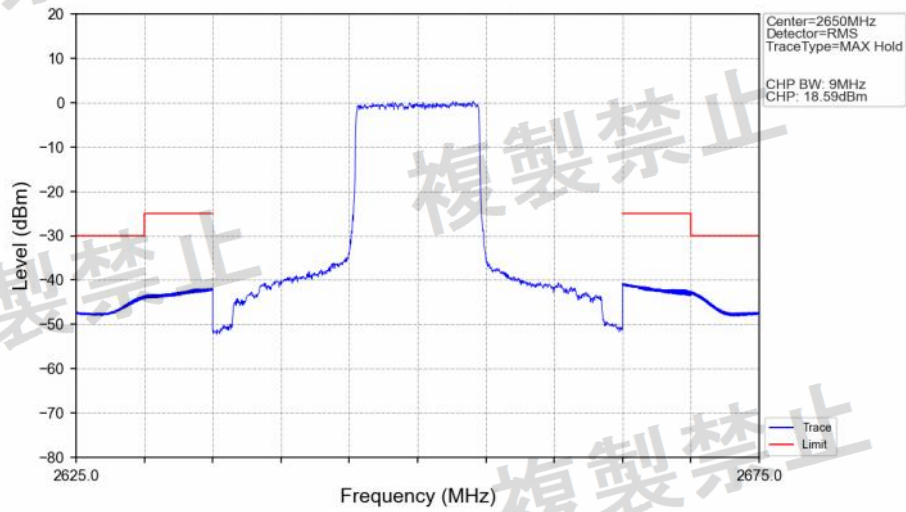
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2626.260	-50.27	-30	Pass
-20	-15	1 M	3 M	2631.580	-47.91	-25	Pass
15	20	1 M	3 M	2669.360	-49.62	-25	Pass
20	25	1 M	3 M	2672.820	-51.14	-30	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_12_38_NTNV



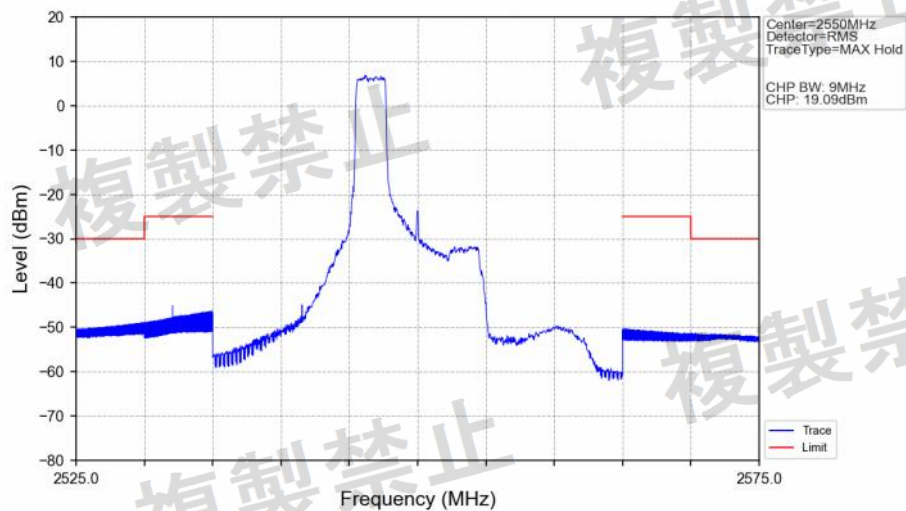
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2627.430	-51.19	-30	Pass
-20	-15	1 M	3 M	2634.985	-51.81	-25	Pass
15	20	1 M	3 M	2667.735	-48.07	-25	Pass
20	25	1 M	3 M	2673.125	-50.18	-30	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



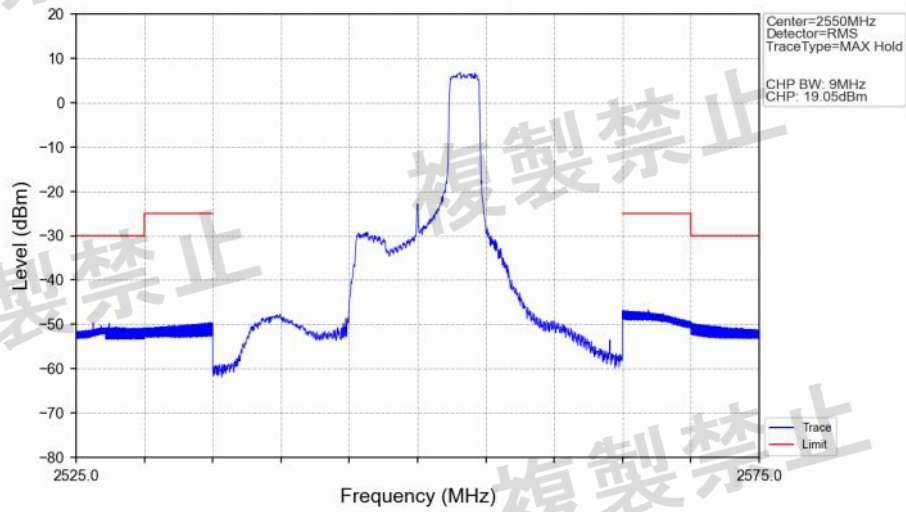
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2629.960	-43.58	-30	Pass
-20	-15	1 M	3 M	2634.980	-41.83	-25	Pass
15	20	1 M	3 M	2665.015	-40.80	-25	Pass
20	25	1 M	3 M	2670.005	-42.58	-30	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_12_0_NTNV



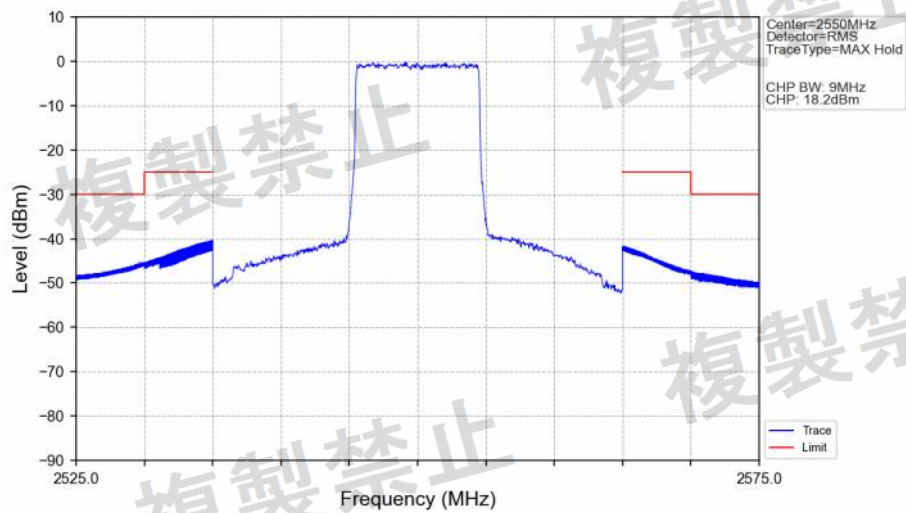
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2529.895	-48.91	-30	Pass
-20	-15	1 M	3 M	2532.065	-45.13	-25	Pass
15	20	1 M	3 M	2565.270	-50.28	-25	Pass
20	25	1 M	3 M	2570.320	-51.21	-30	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_12_38_NTNV



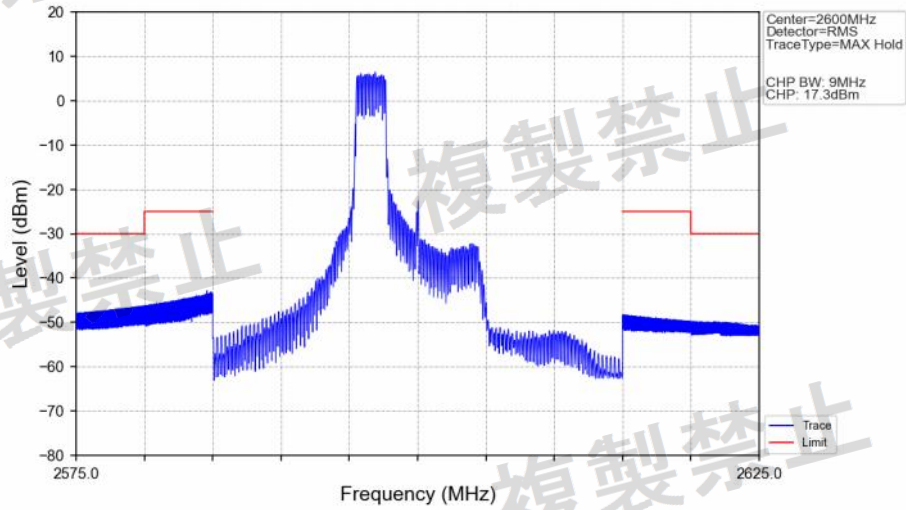
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2526.255	-49.64	-30	Pass
-20	-15	1 M	3 M	2534.800	-49.52	-25	Pass
15	20	1 M	3 M	2566.885	-46.67	-25	Pass
20	25	1 M	3 M	2570.040	-49.54	-30	Pass

Band41_10MHz_16QAM_LCH_2550MHz_RB_50_0_NTNV



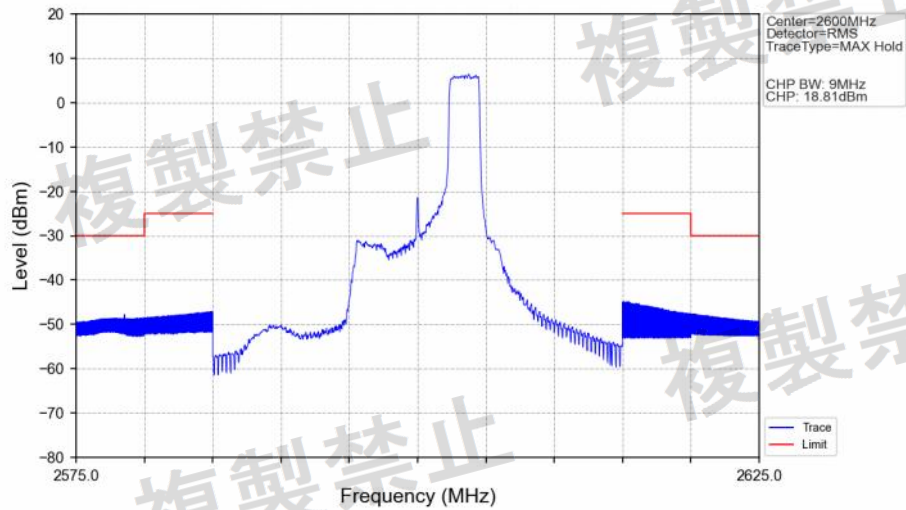
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2529.630	-45.23	-30	Pass
-20	-15	1 M	3 M	2534.980	-40.37	-25	Pass
15	20	1 M	3 M	2565.195	-41.71	-25	Pass
20	25	1 M	3 M	2570.080	-47.35	-30	Pass

Band41_10MHz_16QAM_MCH_2600MHz_RB_12_0_NTNV



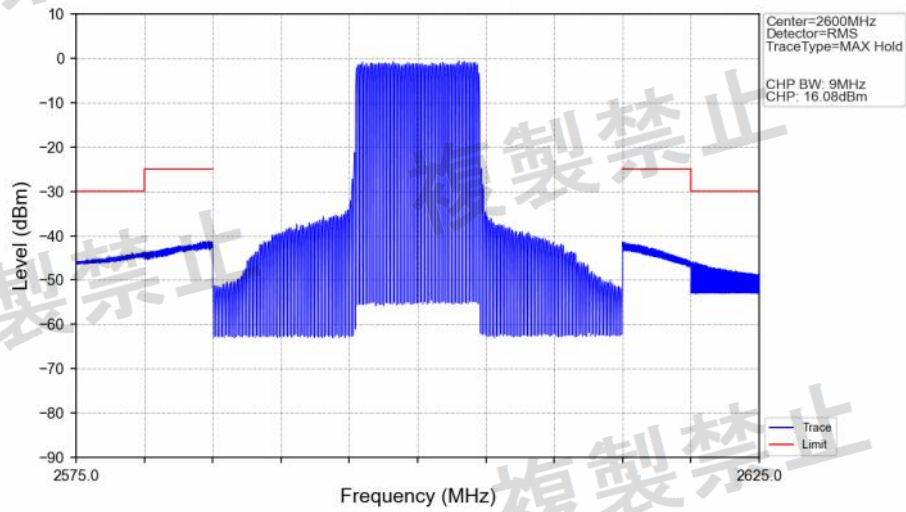
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2579.870	-46.31	-30	Pass
-20	-15	1 M	3 M	2584.585	-42.82	-25	Pass
15	20	1 M	3 M	2615.130	-48.25	-25	Pass
20	25	1 M	3 M	2620.210	-49.74	-30	Pass

Band41_10MHz_16QAM_MCH_2600MHz_RB_12_38_NTNV



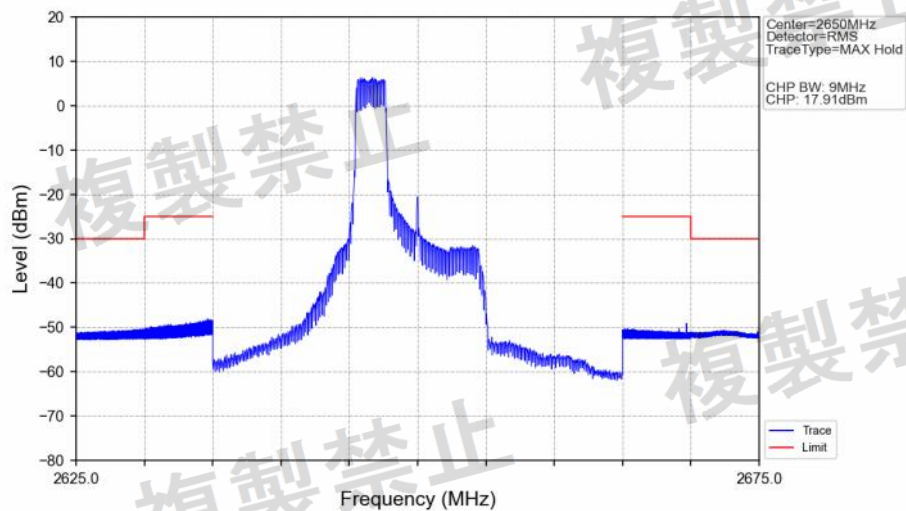
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2578.545	-47.77	-30	Pass
-20	-15	1 M	3 M	2584.855	-47.09	-25	Pass
15	20	1 M	3 M	2615.060	-44.84	-25	Pass
20	25	1 M	3 M	2620.095	-47.61	-30	Pass

Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



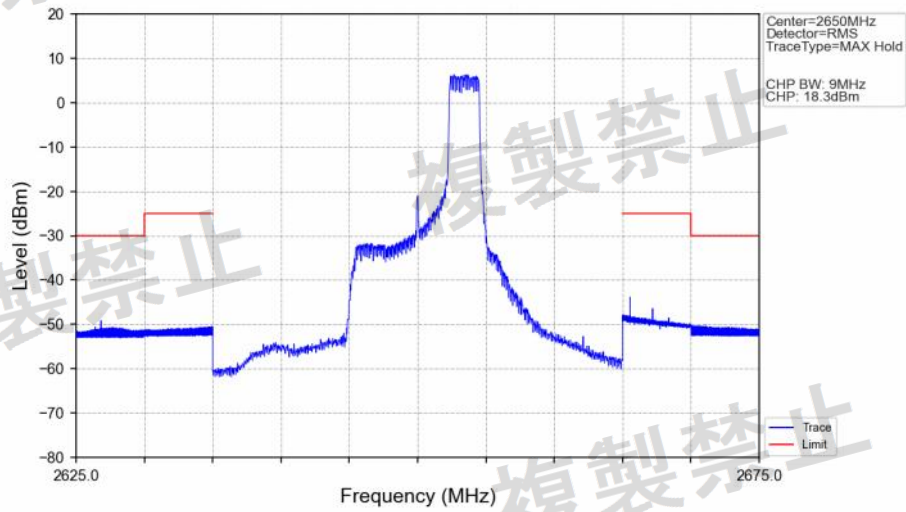
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2579.845	-43.83	-30	Pass
-20	-15	1 M	3 M	2584.660	-41.25	-25	Pass
15	20	1 M	3 M	2615.005	-41.43	-25	Pass
20	25	1 M	3 M	2620.190	-45.83	-30	Pass

Band41_10MHz_16QAM_HCH_2650MHz_RB_12_0_NTNV



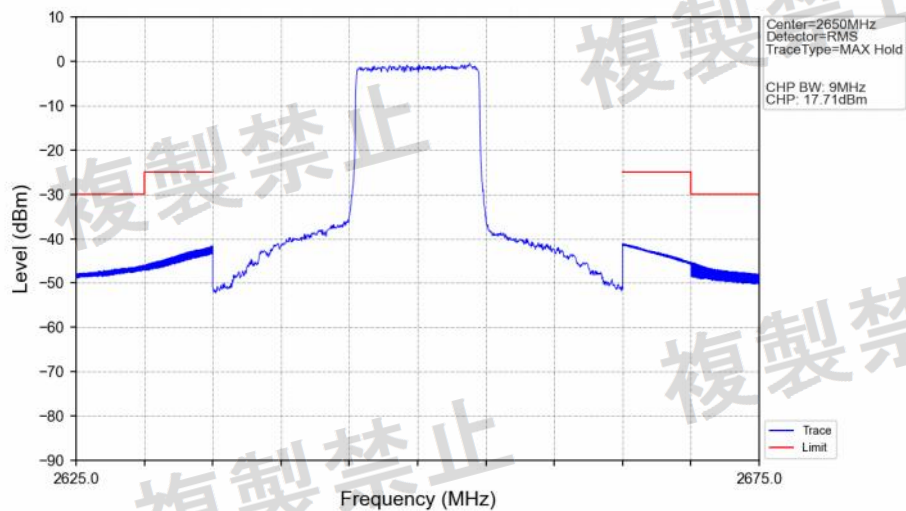
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2629.995	-50.34	-30	Pass
-20	-15	1 M	3 M	2634.670	-48.09	-25	Pass
15	20	1 M	3 M	2669.680	-49.09	-25	Pass
20	25	1 M	3 M	2672.430	-50.63	-30	Pass

Band41_10MHz_16QAM_HCH_2650MHz_RB_12_38_NTNV



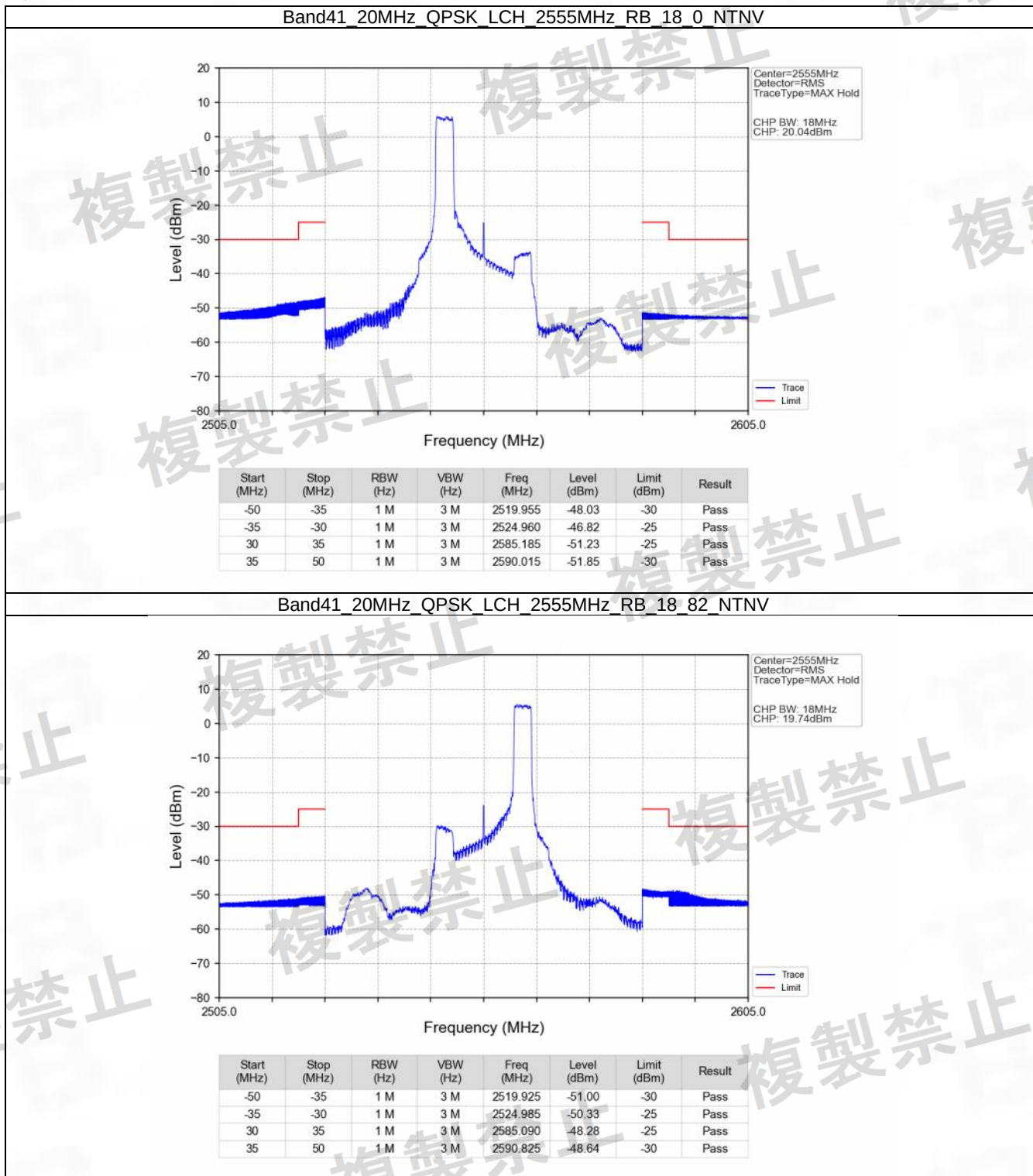
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2626.825	-49.12	-30	Pass
-20	-15	1 M	3 M	2634.950	-50.41	-25	Pass
15	20	1 M	3 M	2665.565	-43.83	-25	Pass
20	25	1 M	3 M	2671.065	-50.11	-30	Pass

Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

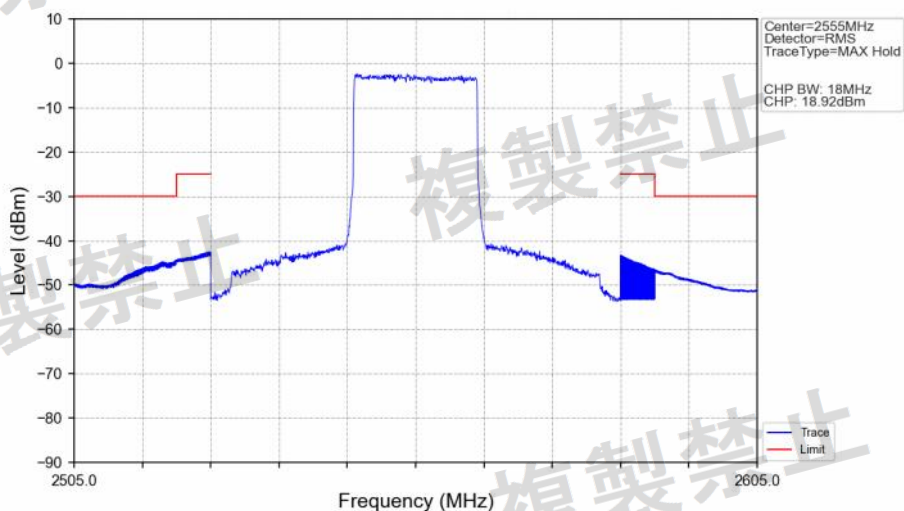


Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-25	-20	1 M	3 M	2629.945	-45.97	-30	Pass
-20	-15	1 M	3 M	2634.895	-41.62	-25	Pass
15	20	1 M	3 M	2665.070	-41.15	-25	Pass
20	25	1 M	3 M	2670.035	-45.33	-30	Pass

5.2.3 B41_20MHz

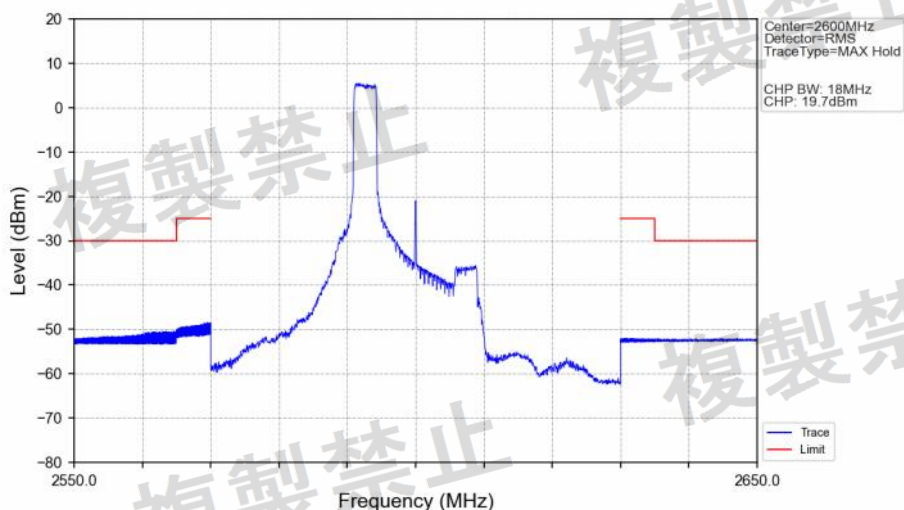


Band41_20MHz_QPSK_LCH_2555MHz_RB_100_0_NTNV



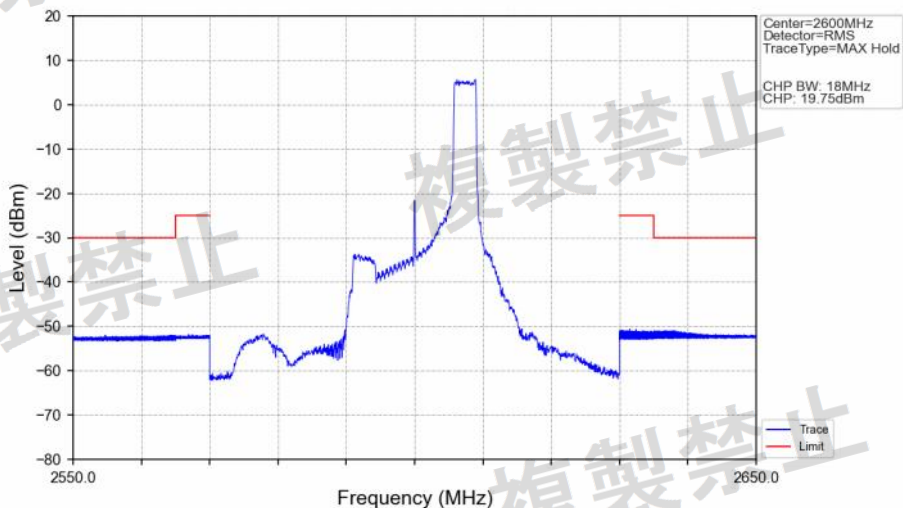
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2519.970	-44.44	-30	Pass
-35	-30	1 M	3 M	2524.950	-42.57	-25	Pass
30	35	1 M	3 M	2585.105	-43.29	-25	Pass
35	50	1 M	3 M	2590.060	-46.55	-30	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_18_0_NTNV



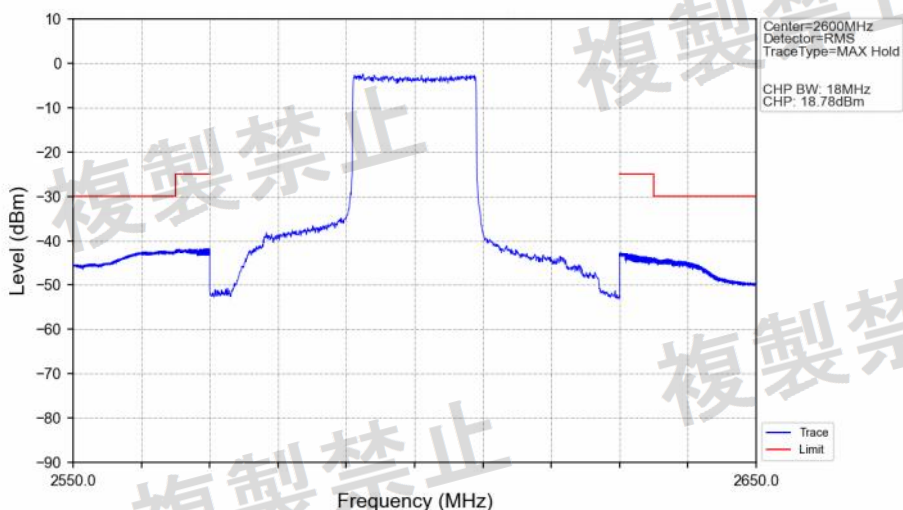
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2563.470	-50.41	-30	Pass
-35	-30	1 M	3 M	2569.565	-48.44	-25	Pass
30	35	1 M	3 M	2630.840	-51.99	-25	Pass
35	50	1 M	3 M	2647.060	-52.02	-30	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_18_82_NTNV



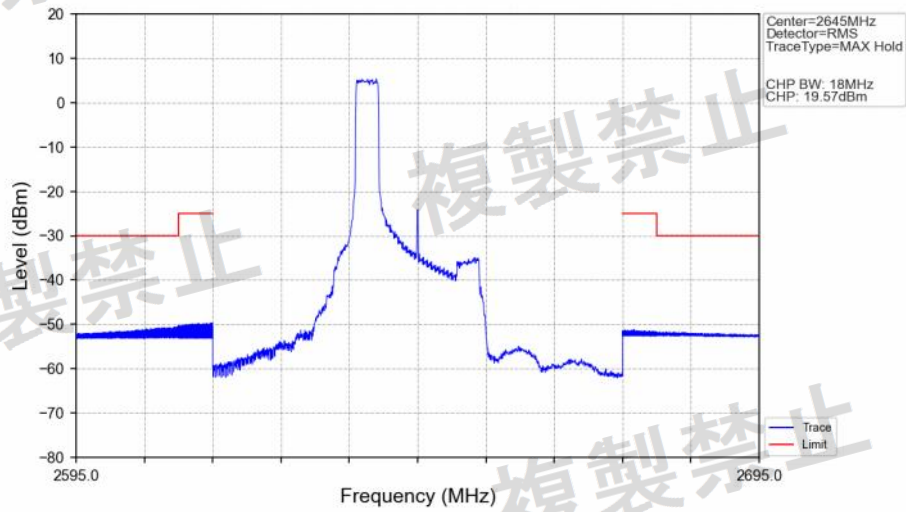
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2564.505	-51.96	-30	Pass
-35	-30	1 M	3 M	2566.915	-51.81	-25	Pass
30	35	1 M	3 M	2631.490	-50.60	-25	Pass
35	50	1 M	3 M	2637.955	-50.93	-30	Pass

Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



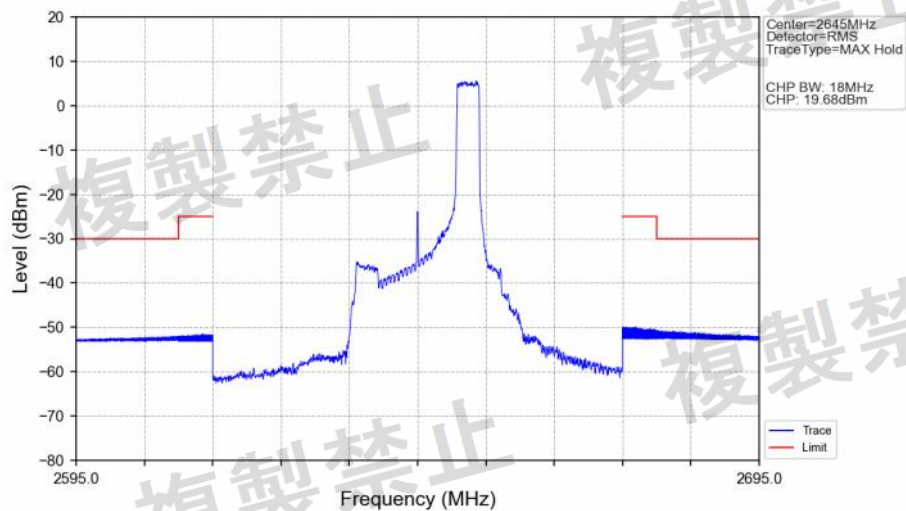
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2563.350	-42.29	-30	Pass
-35	-30	1 M	3 M	2569.185	-41.76	-25	Pass
30	35	1 M	3 M	2630.080	-42.64	-25	Pass
35	50	1 M	3 M	2635.030	-43.84	-30	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_18_0_NTNV



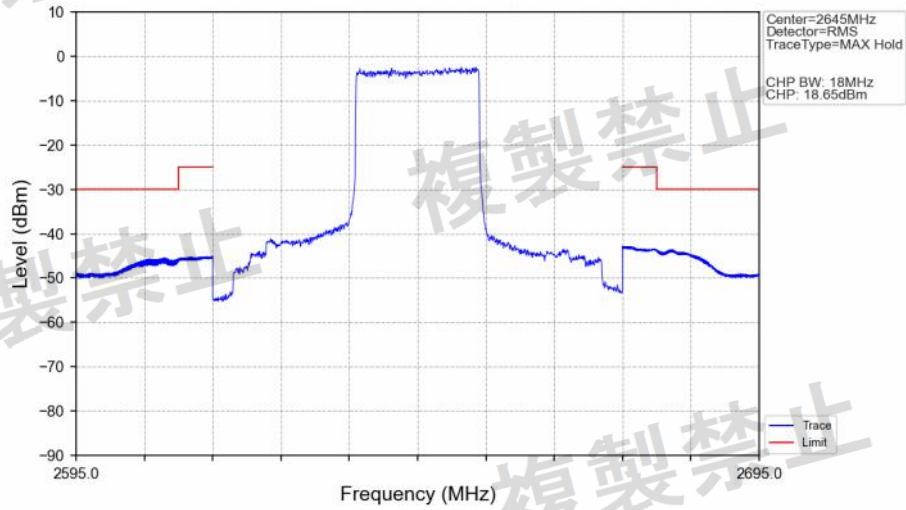
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2609.955	-50.25	-30	Pass
-35	-30	1 M	3 M	2614.960	-49.70	-25	Pass
30	35	1 M	3 M	2676.660	-51.09	-25	Pass
35	50	1 M	3 M	2681.335	-51.65	-30	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_18_82_NTNV



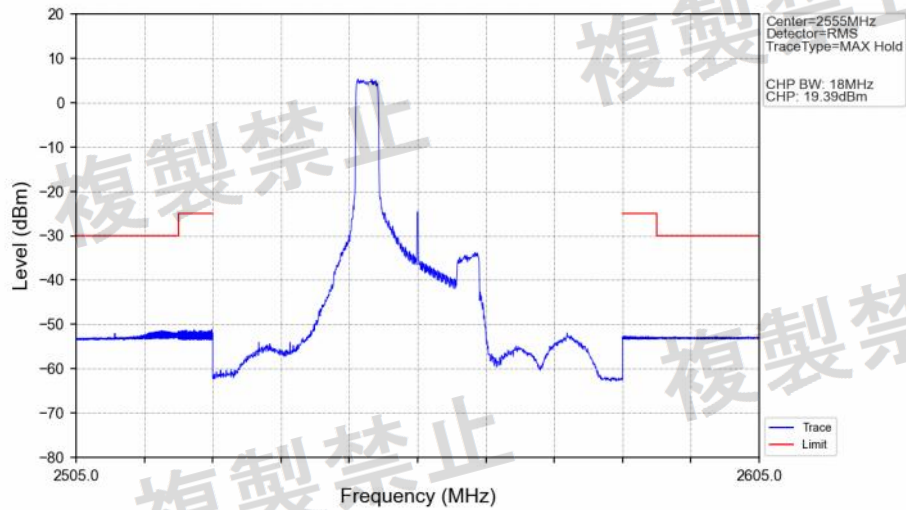
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2609.325	-51.99	-30	Pass
-35	-30	1 M	3 M	2613.550	-51.42	-25	Pass
30	35	1 M	3 M	2676.965	-49.89	-25	Pass
35	50	1 M	3 M	2680.270	-50.73	-30	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



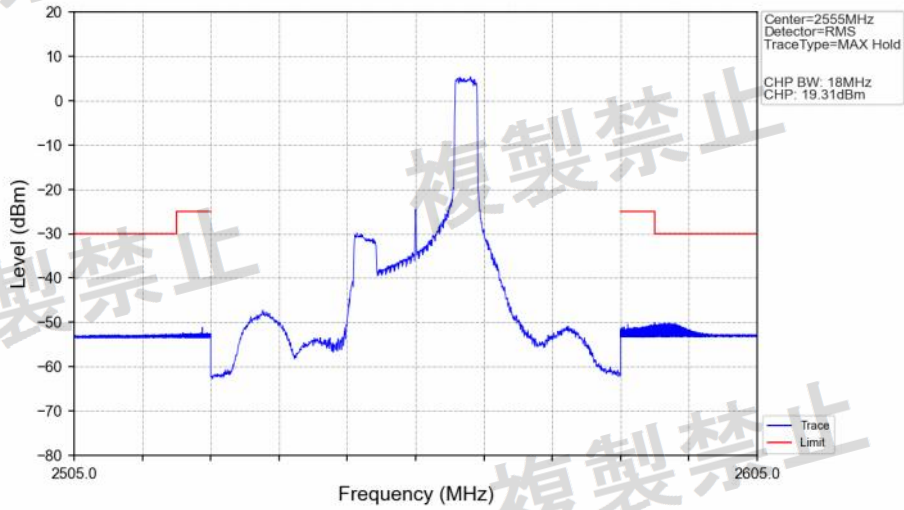
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2608.005	-45.46	-30	Pass
-35	-30	1 M	3 M	2614.905	-45.10	-25	Pass
30	35	1 M	3 M	2675.015	-42.83	-25	Pass
35	50	1 M	3 M	2682.145	-43.60	-30	Pass

Band41_20MHz_16QAM_LCH_2555MHz_RB_18_0_NTNV



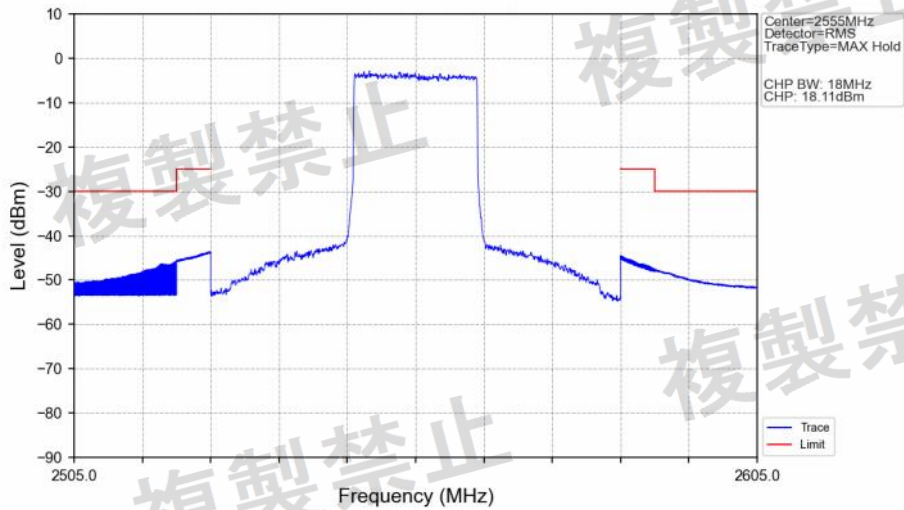
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2517.615	-51.37	-30	Pass
-35	-30	1 M	3 M	2522.320	-51.13	-25	Pass
30	35	1 M	3 M	2585.335	-52.64	-25	Pass
35	50	1 M	3 M	2598.610	-52.71	-30	Pass

Band41 20MHz 16QAM LCH 2555MHz RB 18 82 NTNV



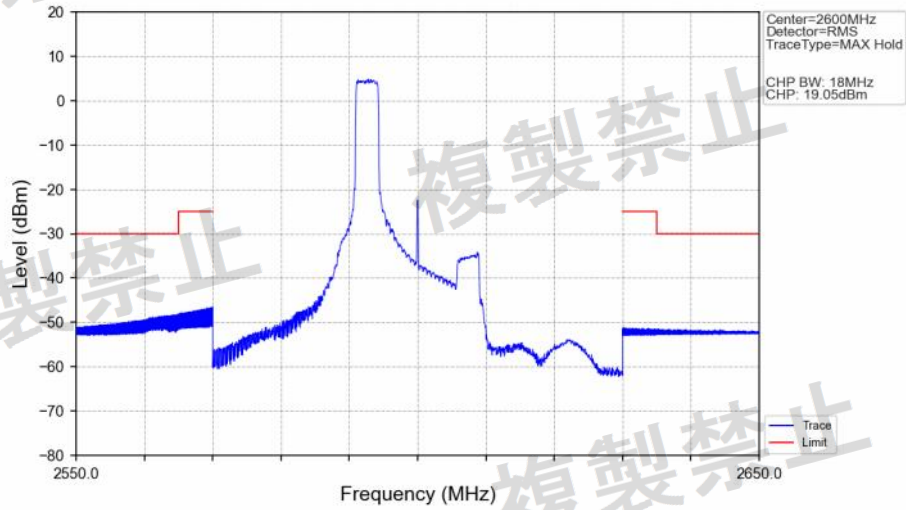
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2518.500	-52.61	-30	Pass
-35	-30	1 M	3 M	2523.770	-51.12	-25	Pass
30	35	1 M	3 M	2589.995	-50.04	-25	Pass
35	50	1 M	3 M	2592.070	-50.19	-30	Pass

Band41 20MHz 16QAM LCH 2555MHz RB 100 0 NTNV



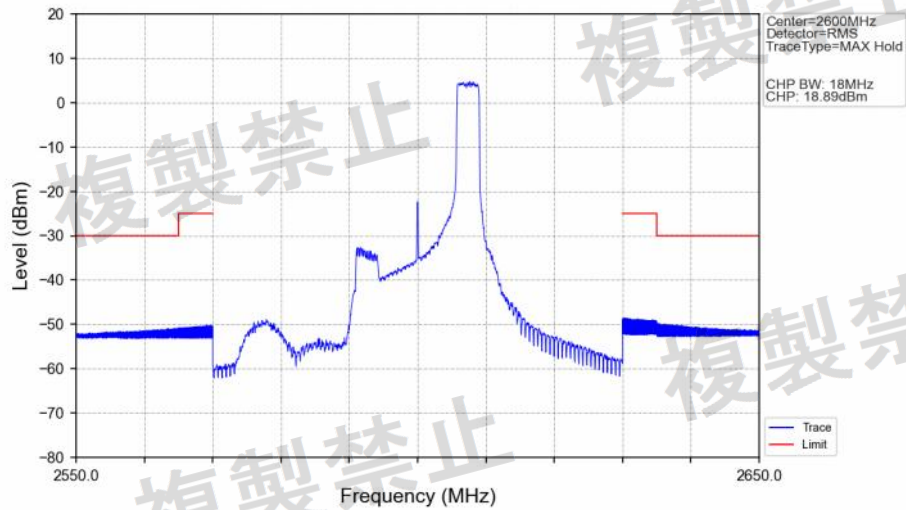
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2519.940	-45.75	-30	Pass
-35	-30	1 M	3 M	2524.940	-43.59	-25	Pass
30	35	1 M	3 M	2585.005	-44.52	-25	Pass
35	50	1 M	3 M	2590.105	-47.51	-30	Pass

Band41_20MHz_16QAM_MCH_2600MHz_RB_18_0_NTNV



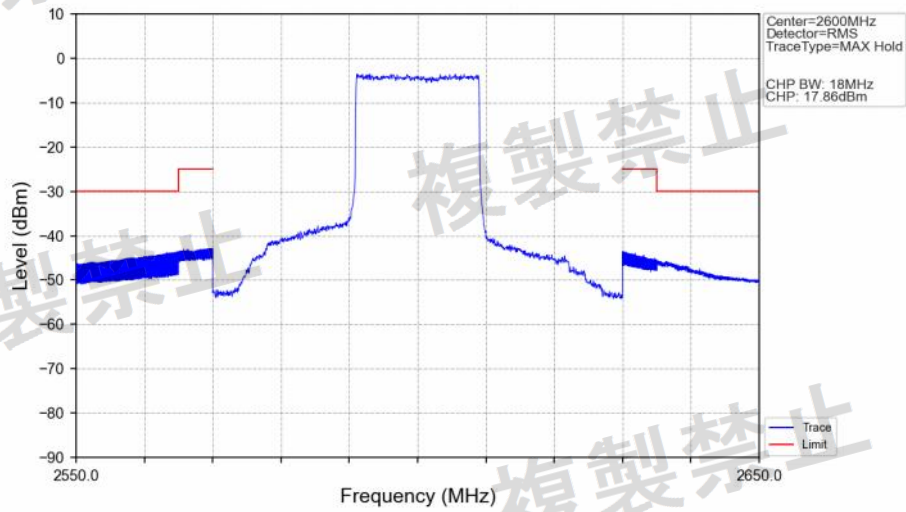
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2564.970	-48.16	-30	Pass
-35	-30	1 M	3 M	2569.975	-46.50	-25	Pass
30	35	1 M	3 M	2630.125	-51.14	-25	Pass
35	50	1 M	3 M	2635.135	-51.44	-30	Pass

Band41_20MHz_16QAM_MCH_2600MHz_RB_18_82_NTNV



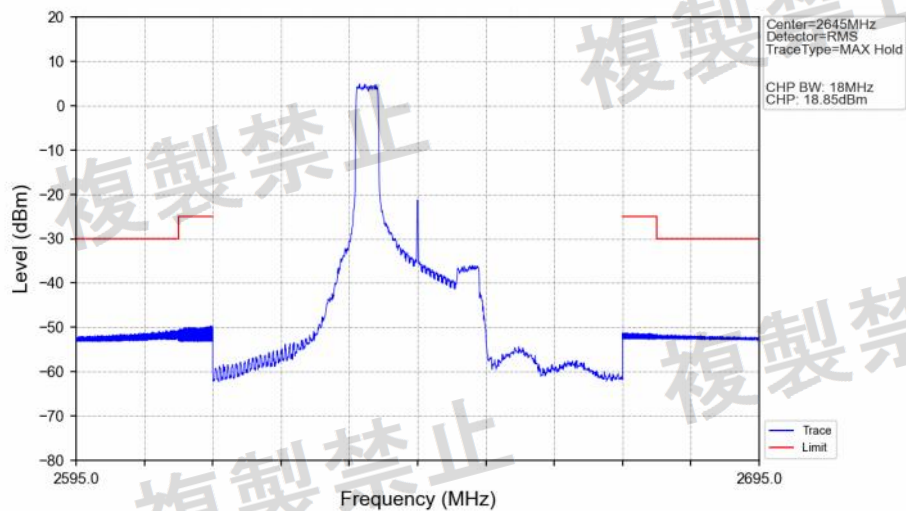
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2564.850	-50.83	-30	Pass
-35	-30	1 M	3 M	2569.110	-50.19	-25	Pass
30	35	1 M	3 M	2630.375	-48.58	-25	Pass
35	50	1 M	3 M	2635.000	-49.80	-30	Pass

Band41_20MHz_16QAM_MCH_2600MHz_RB_100_0_NTNV



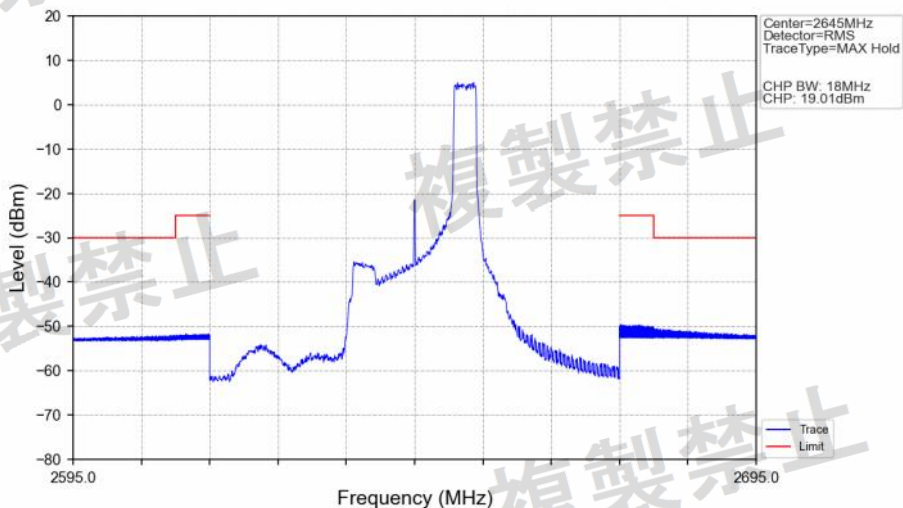
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2564.700	-43.64	-30	Pass
-35	-30	1 M	3 M	2569.820	-42.87	-25	Pass
30	35	1 M	3 M	2630.050	-43.51	-25	Pass
35	50	1 M	3 M	2635.045	-45.60	-30	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_18_0_NTNV



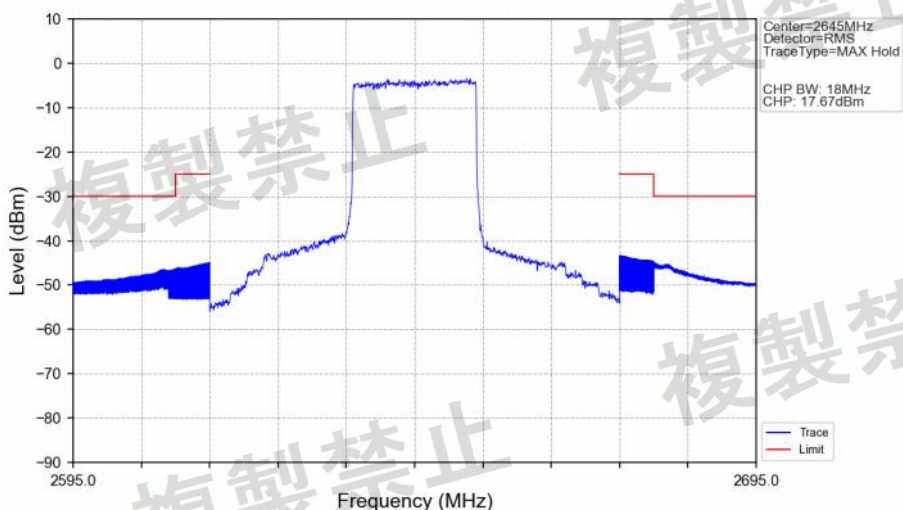
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2608.950	-50.69	-30	Pass
-35	-30	1 M	3 M	2614.645	-49.68	-25	Pass
30	35	1 M	3 M	2677.195	-51.23	-25	Pass
35	50	1 M	3 M	2680.555	-51.64	-30	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_18_82_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2609.805	-51.98	-30	Pass
-35	-30	1 M	3 M	2611.510	-51.67	-25	Pass
30	35	1 M	3 M	2675.115	-49.62	-25	Pass
35	50	1 M	3 M	2680.030	-50.35	-30	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-50	-35	1 M	3 M	2609.925	-46.27	-30	Pass
-35	-30	1 M	3 M	2614.885	-44.89	-25	Pass
30	35	1 M	3 M	2675.115	-43.36	-25	Pass
35	50	1 M	3 M	2680.060	-44.83	-30	Pass

6. Tolerance of Unwanted Emission Intensity

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz										
Bandwidth (MHz)	Channel Number	40165		40690		41215		Unit	Limit	Result
	Frequency Center (MHz)	2547.5		2600		2652.5				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
5	0.009MHz ~ 0.15MHz	0.009	-63.58	0.010	-62.82	0.009	-62.75	dBm/kHz	<=-13	Pass
	0.15MHz ~ 30MHz	0.150	-67.71	0.150	-67.91	0.150	-67.50	dBm/10kHz	<=-13	Pass
	30MHz ~ 1000MHz	700.500	-80.00	38.650	-56.39	90.900	-58.74	dBm/100kHz	<=-13	Pass
	1000MHz ~ 13500MHz	12458.000	-51.30	12456.500	-51.31	2666.500	-41.82	dBm/MHz	<=-13	Pass
	2505MHz ~ 2530MHz	2529.875	-49.49	2522.600	-54.72	2528.025	-54.74	dBm/MHz	<=-30	Pass
	2530MHz ~ 2535MHz	2534.260	-45.37	2534.205	-54.54	2531.310	-54.37	dBm/MHz	<=-25	Pass
	2535MHz ~ 2655MHz	2561.040	-46.38	2586.480	-43.64	2639.640	-44.75	dBm/MHz	<=-30	Pass

6.1.2 B41_10MHz

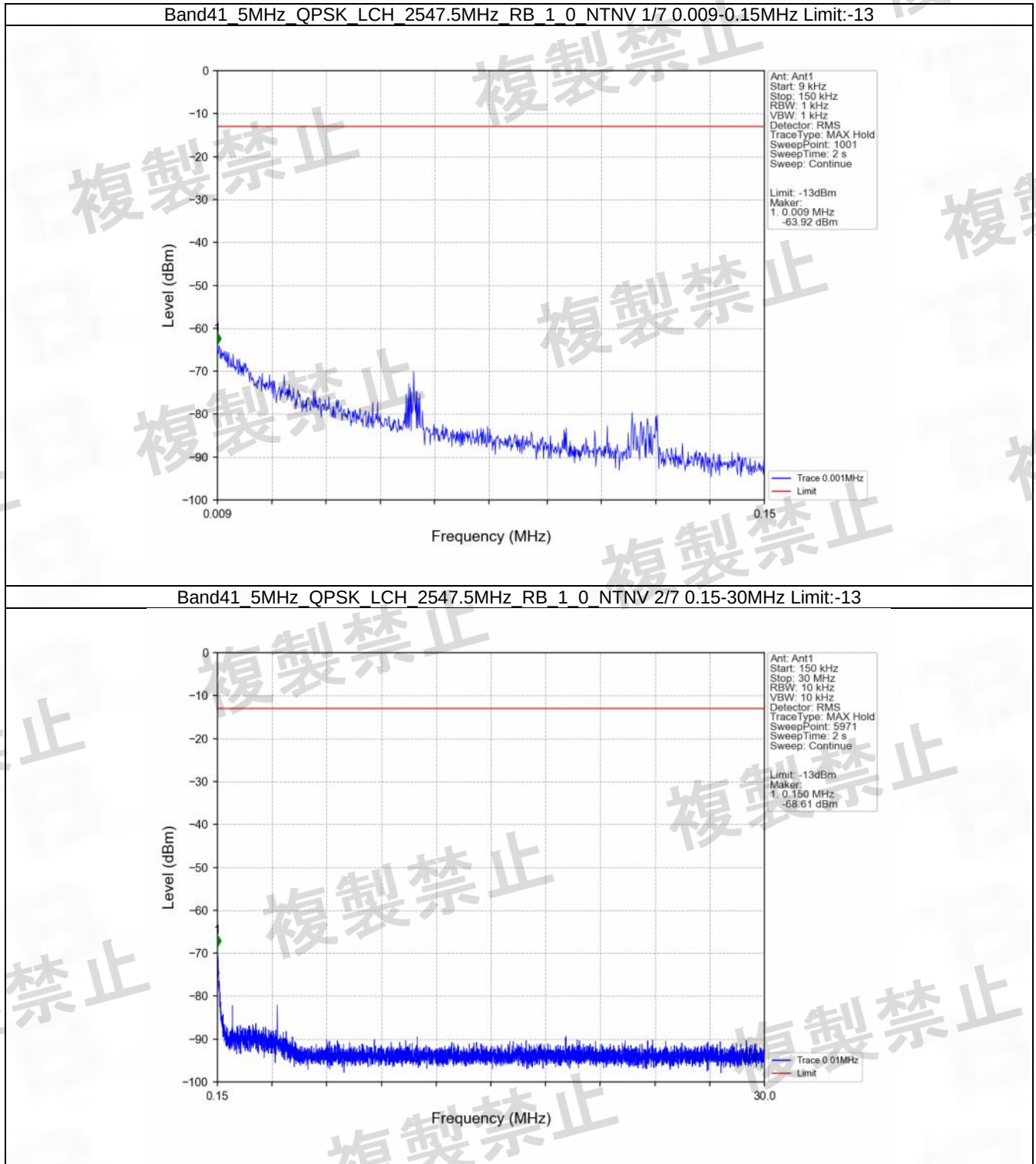
Band: 41 / Bandwidth: 10MHz										
Bandwidth (MHz)	Channel Number	40190		40690		41190		Unit	Limit	Result
	Frequency Center (MHz)	2550		2600		2650				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
10	0.009MHz ~ 0.15MHz	0.009	-63.20	0.011	-63.42	0.009	-62.88	dBm/kHz	<=-13	Pass
	0.15MHz ~ 30MHz	0.155	-67.53	0.150	-67.85	0.155	-67.27	dBm/10kHz	<=-13	Pass
	30MHz ~ 1000MHz	827.650	-77.39	34.350	-42.96	84.350	-43.77	dBm/100kHz	<=-13	Pass
	1000MHz ~ 13500MHz	2503.000	-50.58	2655.500	-50.21	2676.000	-44.71	dBm/MHz	<=-13	Pass
	2505MHz ~ 2530MHz	2523.575	-48.19	2528.525	-54.52	2522.725	-49.73	dBm/MHz	<=-30	Pass
	2530MHz ~ 2535MHz	2530.000	-43.99	2534.285	-53.69	2531.595	-47.13	dBm/MHz	<=-25	Pass
	2535MHz ~ 2655MHz	2576.520	-50.22	2572.800	-45.38	2623.440	-47.46	dBm/MHz	<=-30	Pass

6.1.3 B41_20MHz

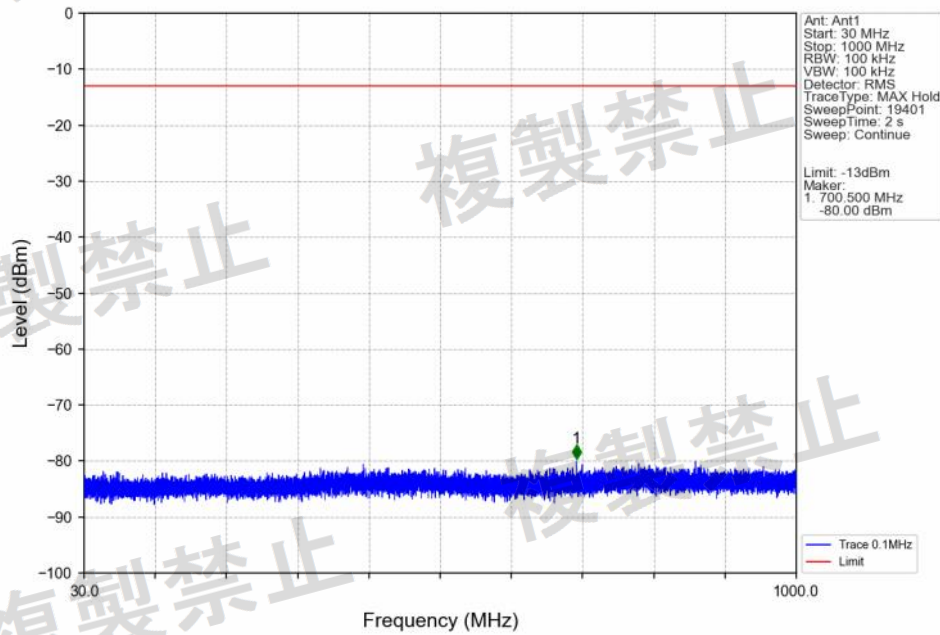
Band: 41 / Bandwidth: 20MHz										
Bandwidth (MHz)	Channel Number	40240		40690		41140		Unit	Limit	Result
	Frequency Center (MHz)	2555		2600		2645				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
20	0.009MHz ~ 0.15MHz	0.010	-62.11	0.009	-63.29	0.009	-62.24	dBm/kHz	<=-13	Pass
	0.15MHz ~ 30MHz	2.675	-49.17	29.835	-49.19	0.155	-65.26	dBm/10kHz	<=-13	Pass
	30MHz ~ 1000MHz	30.500	-66.21	47.650	-42.45	74.850	-43.95	dBm/100kHz	<=-13	Pass
	1000MHz ~ 13500MHz	2502.500	-42.17	2486.000	-38.42	2504.500	-41.35	dBm/MHz	<=-13	Pass
	2505MHz ~ 2530MHz	2505.000	-51.12	2529.650	-45.10	2522.250	-37.30	dBm/MHz	<=-30	Pass
	2530MHz ~ 2535MHz	2530.000	-37.68	2530.010	-46.47	2534.910	-54.23	dBm/MHz	<=-25	Pass
	2535MHz ~ 2655MHz	2607.480	-46.40	2547.360	-37.67	2588.160	-42.58	dBm/MHz	<=-30	Pass

6.2 Test Graph

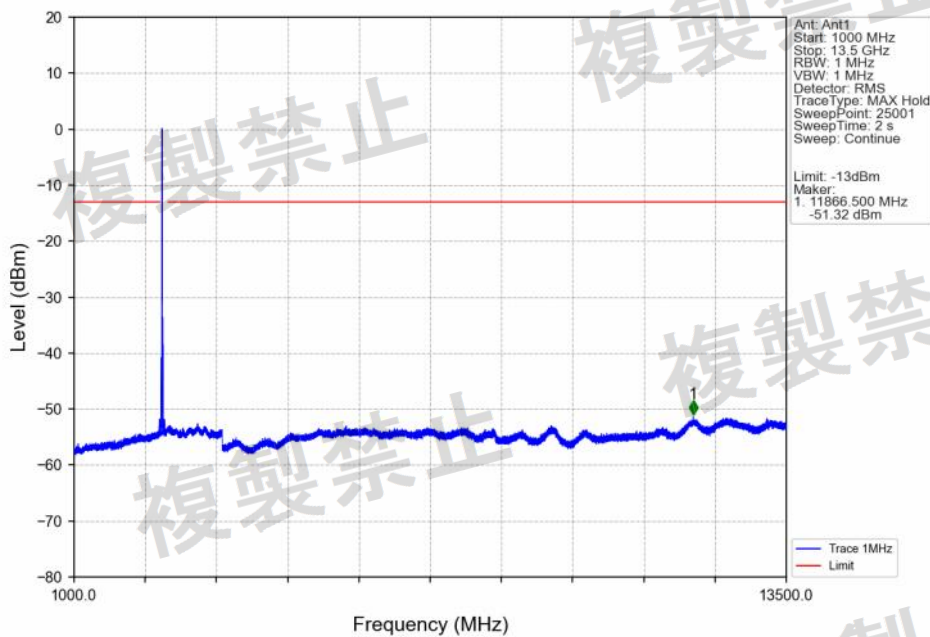
6.2.1 B41_5MHz

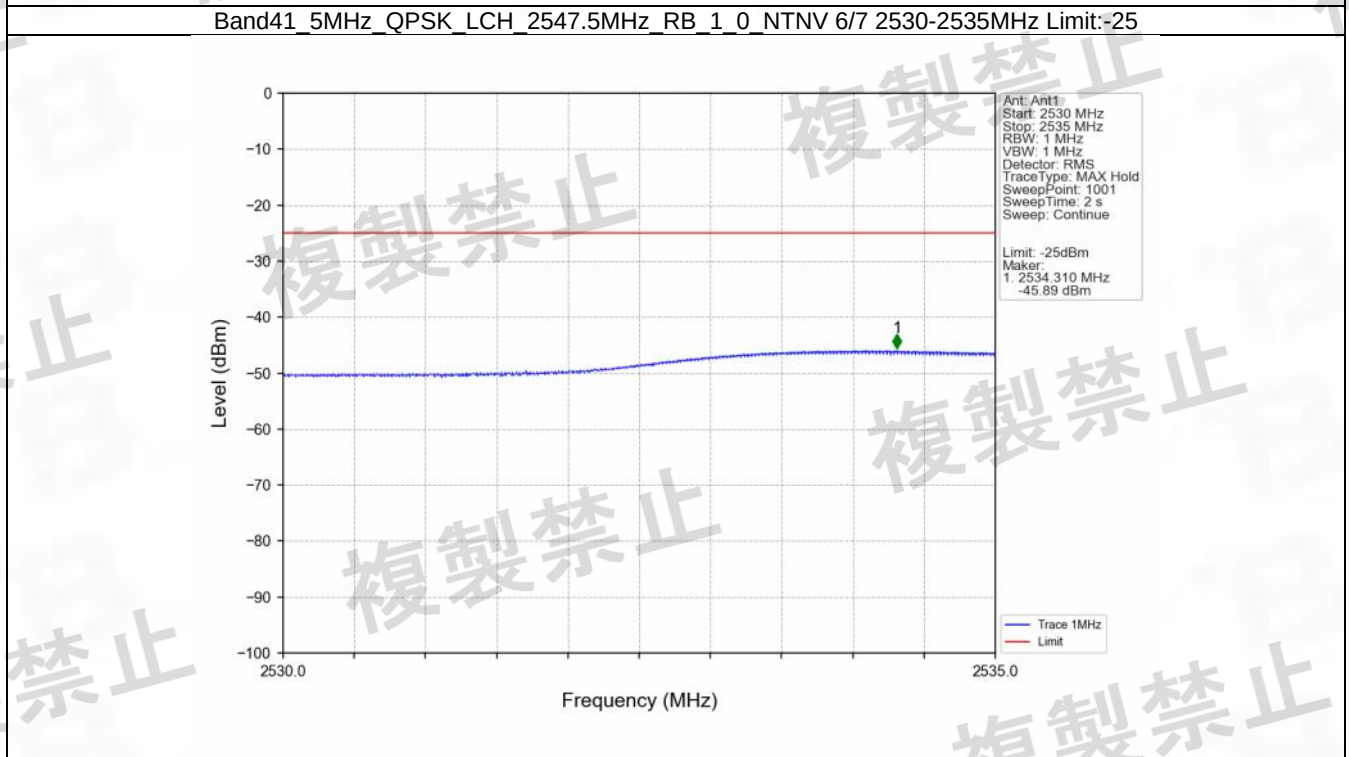
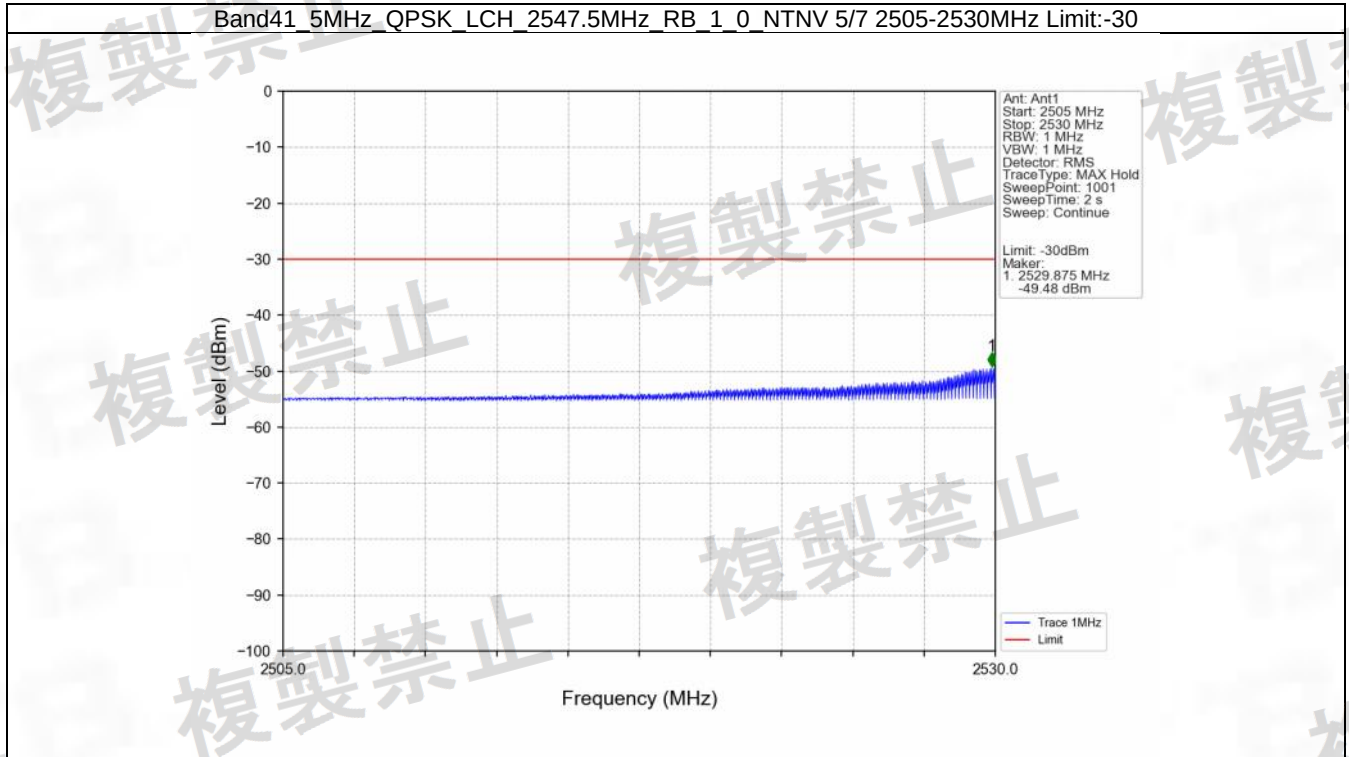


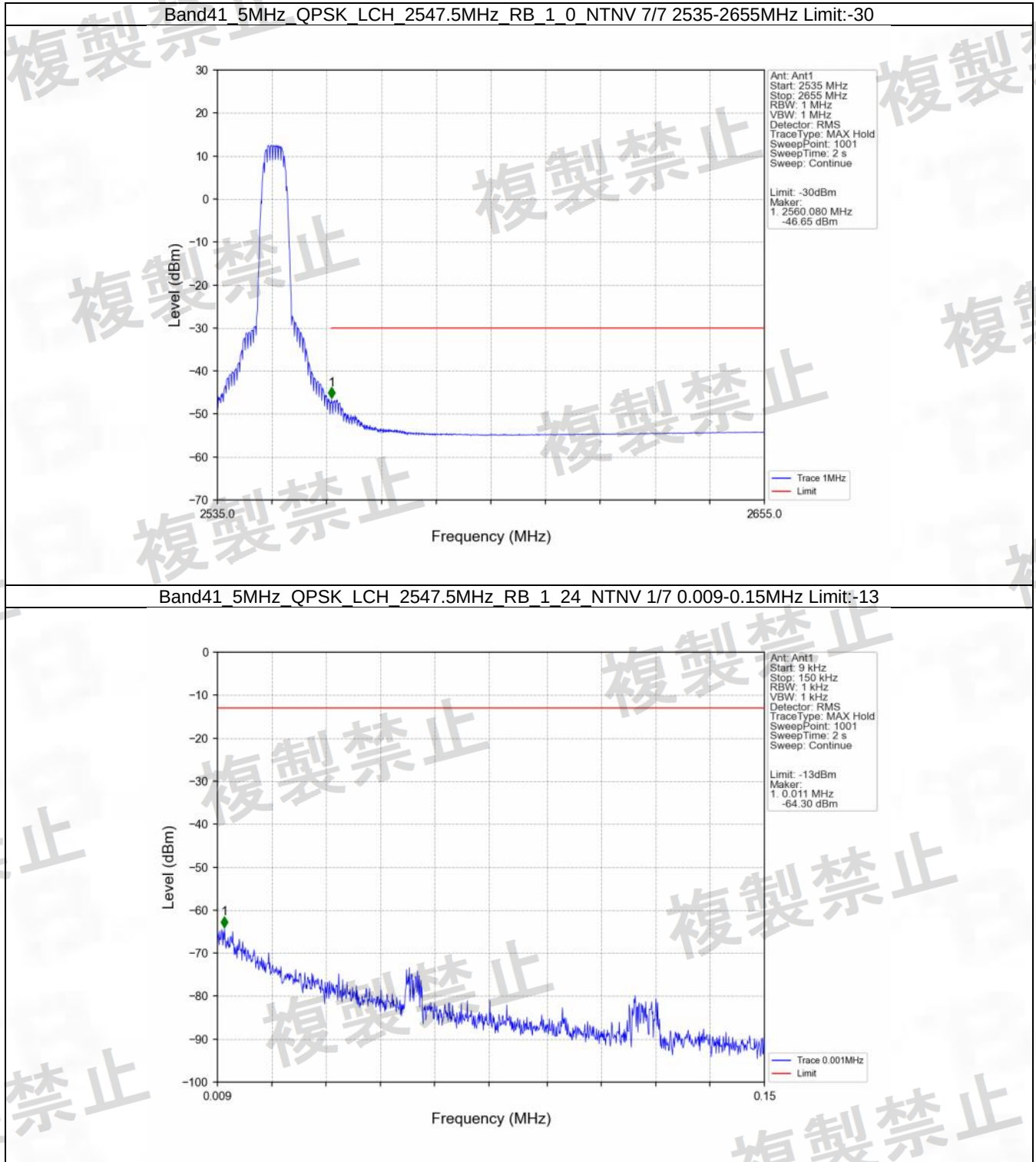
Band41_5MHz_QPSK_LCH_2547.5MHz_RB_1_0_NTNV_3/7_30-1000MHz_Limit:-13

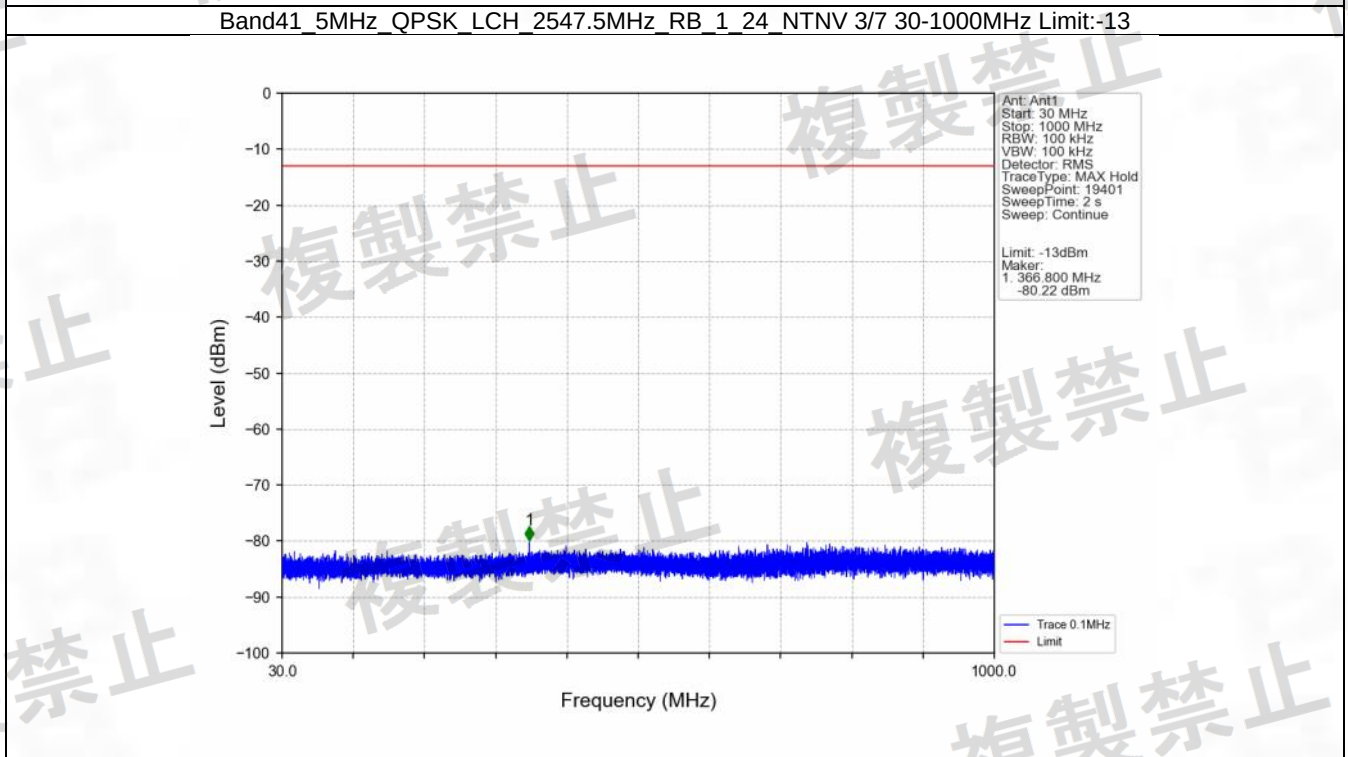
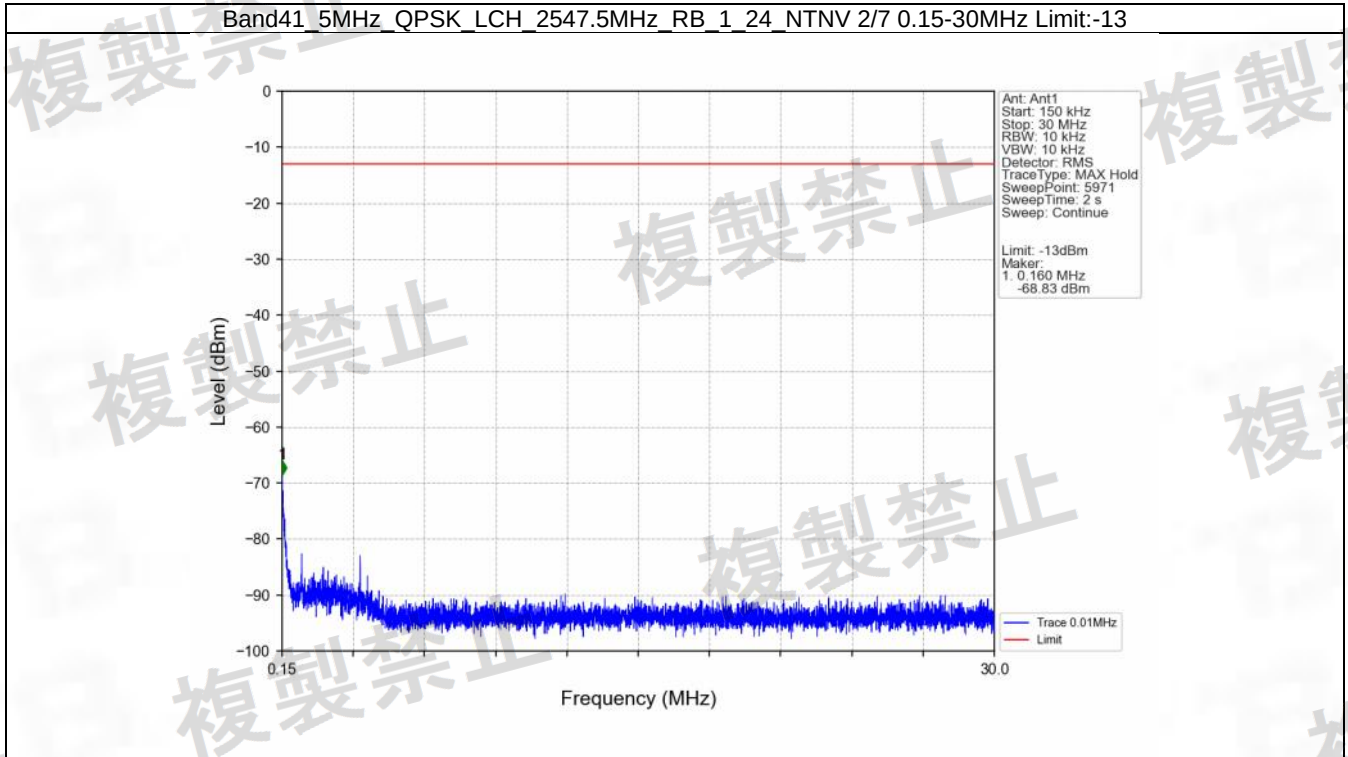


Band41_5MHz_QPSK_LCH_2547.5MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13

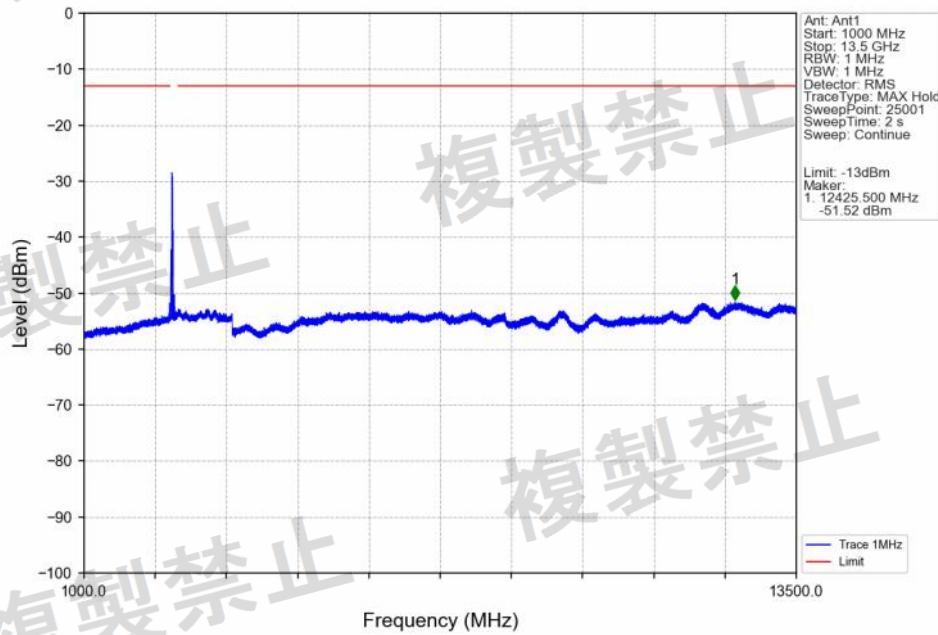




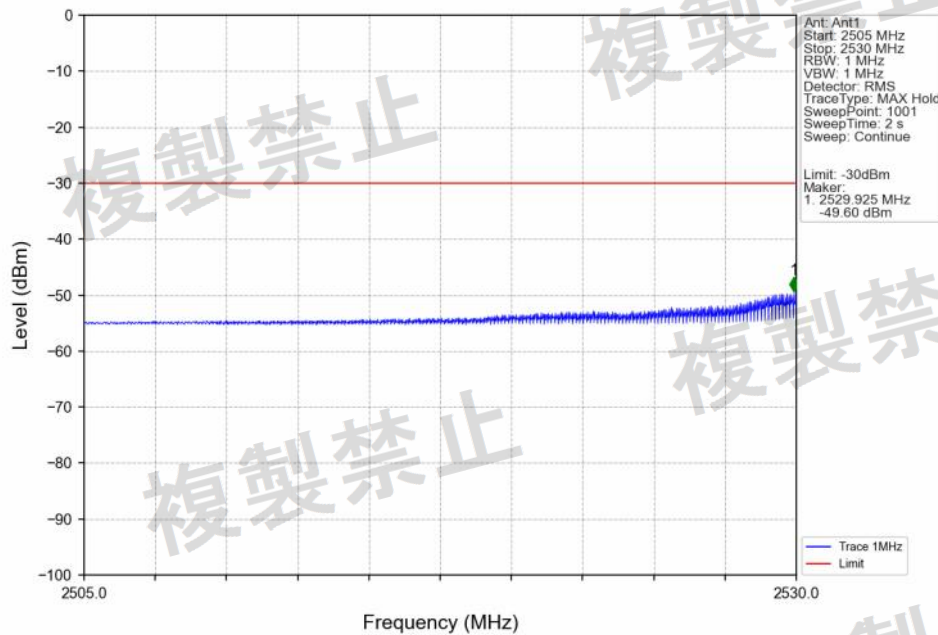


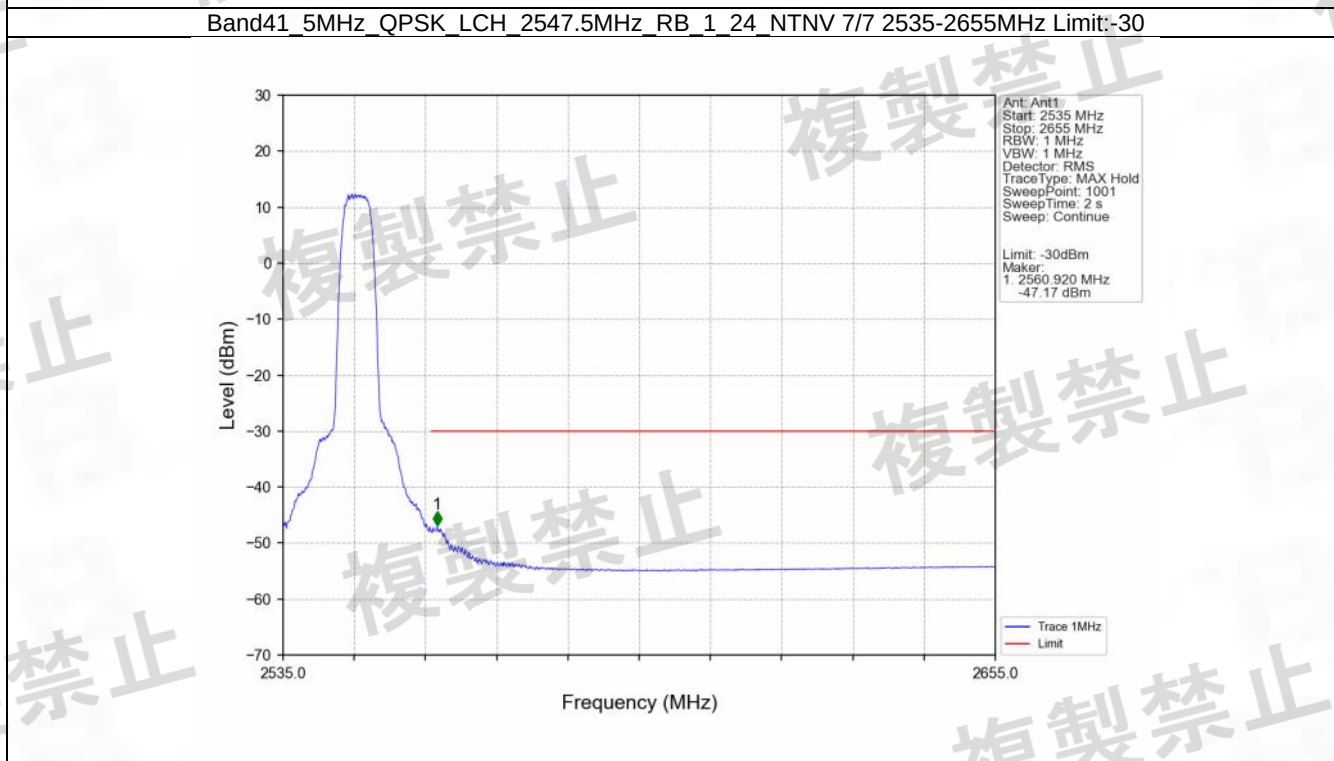
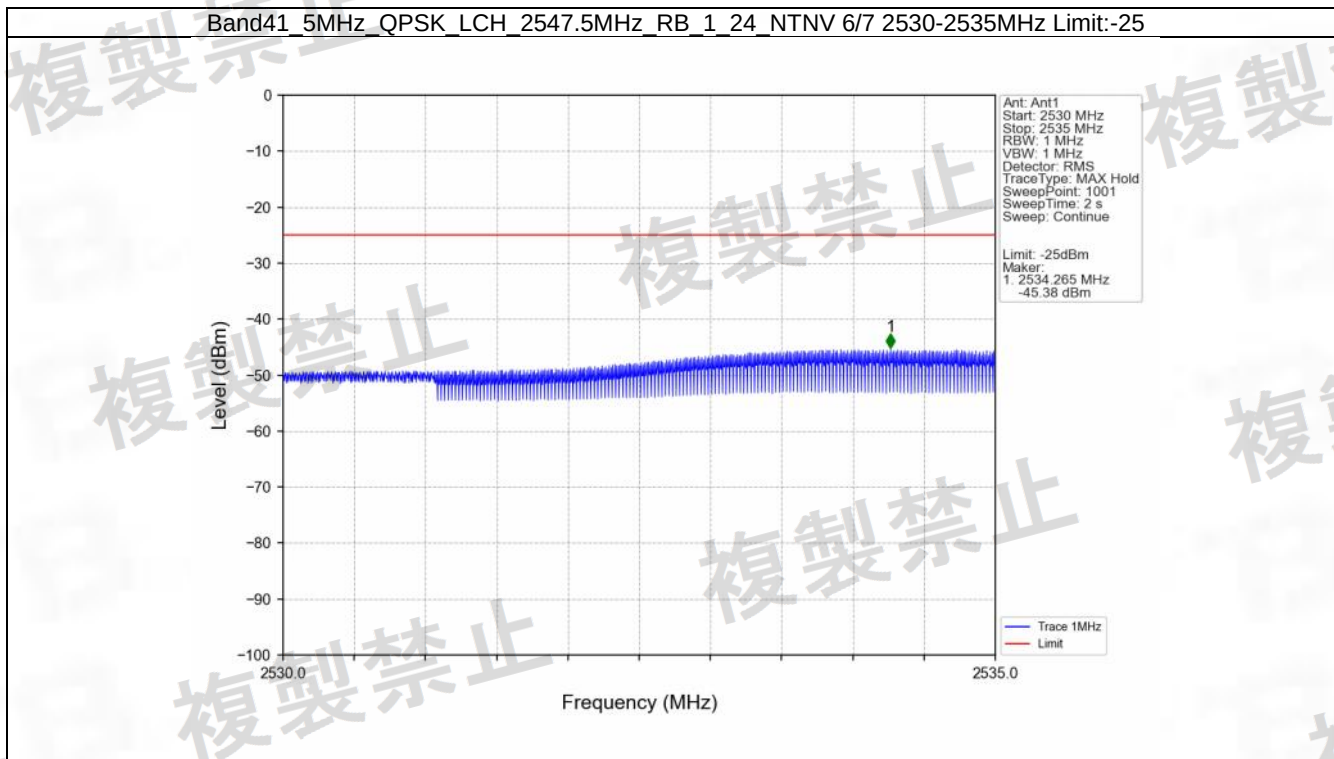


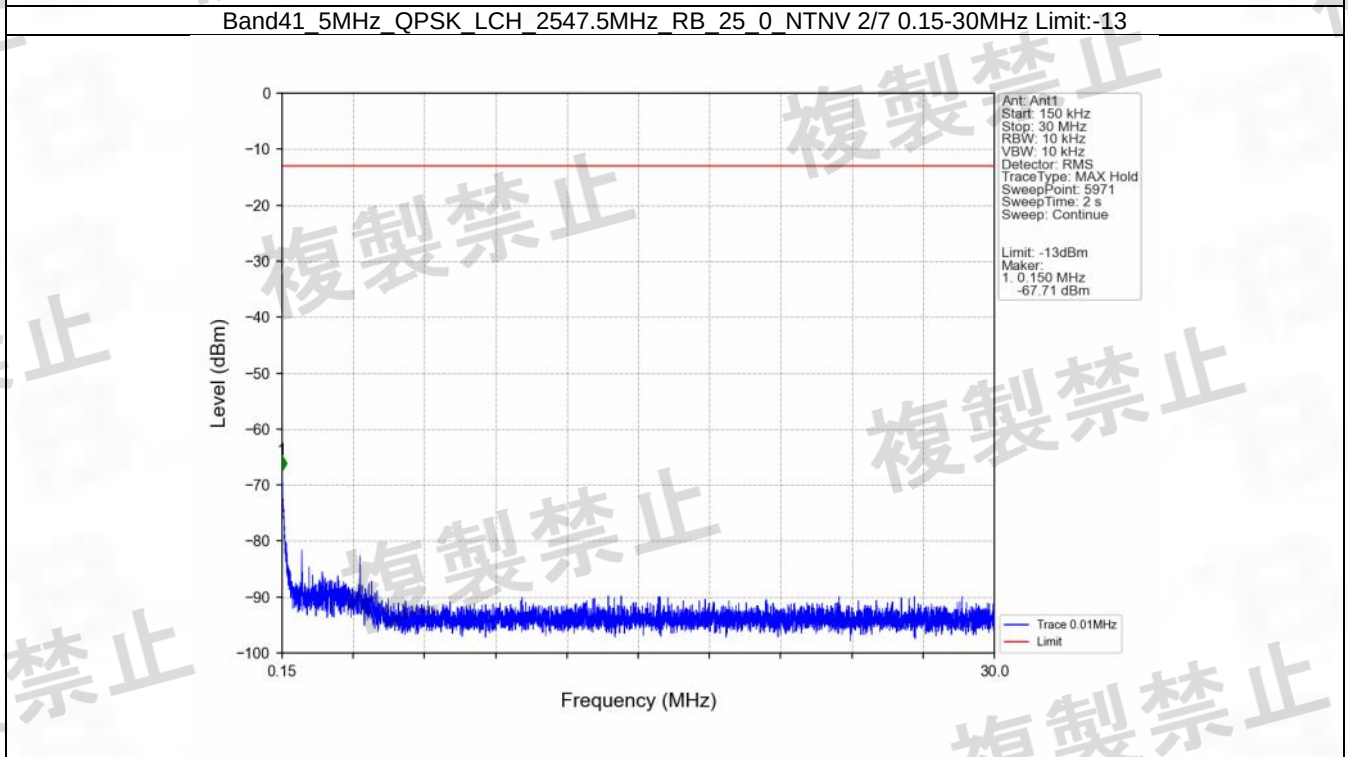
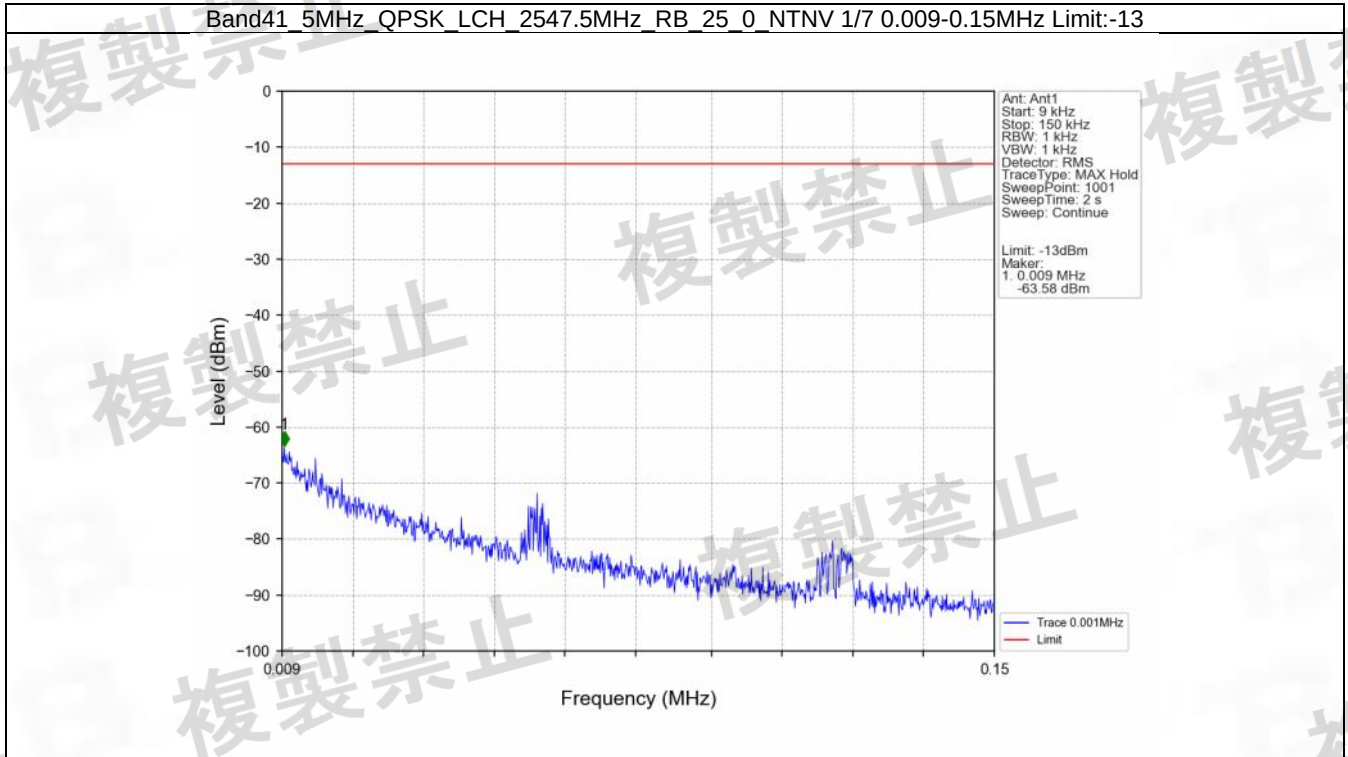
Band41_5MHz_QPSK_LCH_2547.5MHz_RB_1_24_NTNV_4/7_1000-13500MHz_Limit:-13

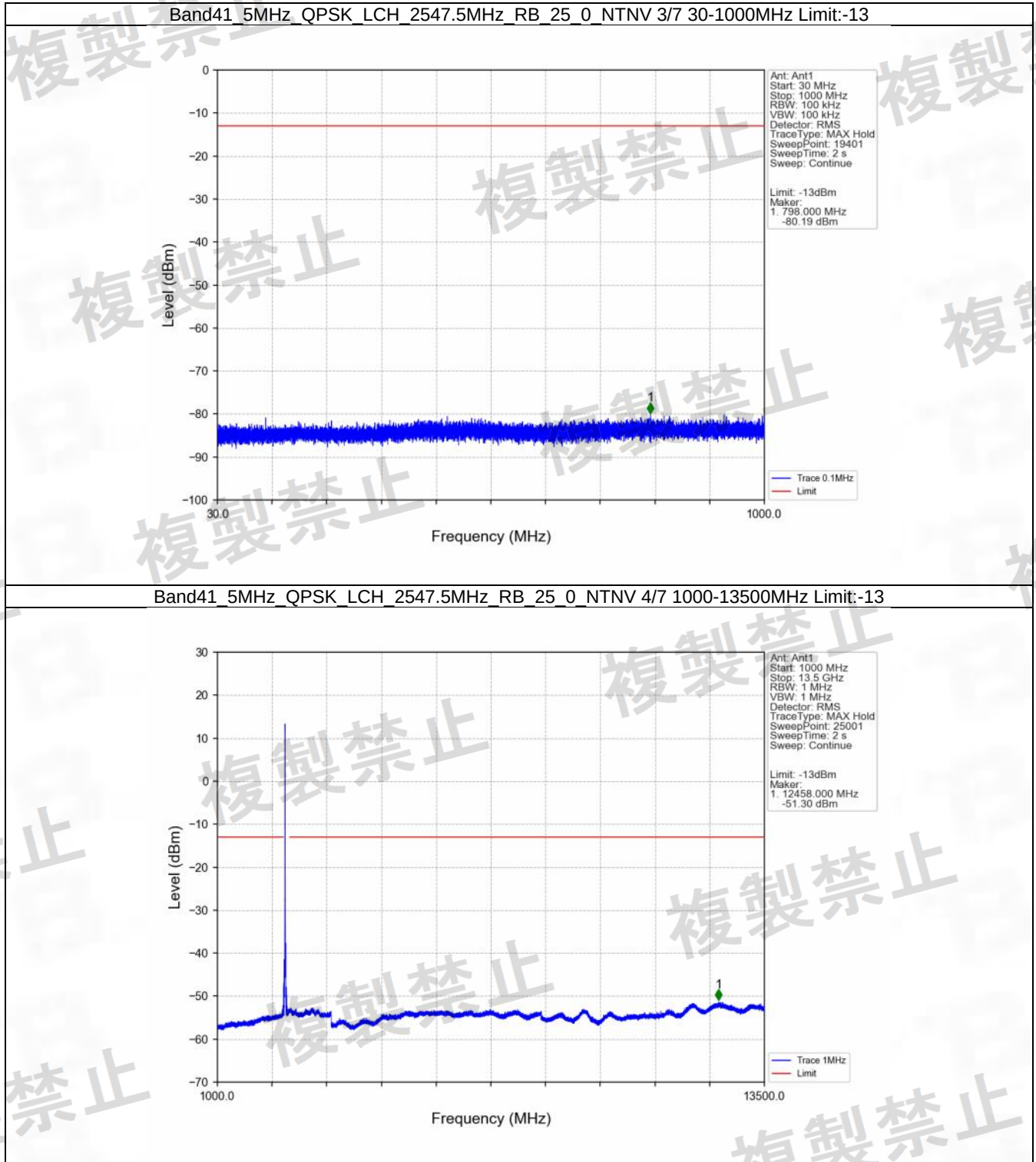


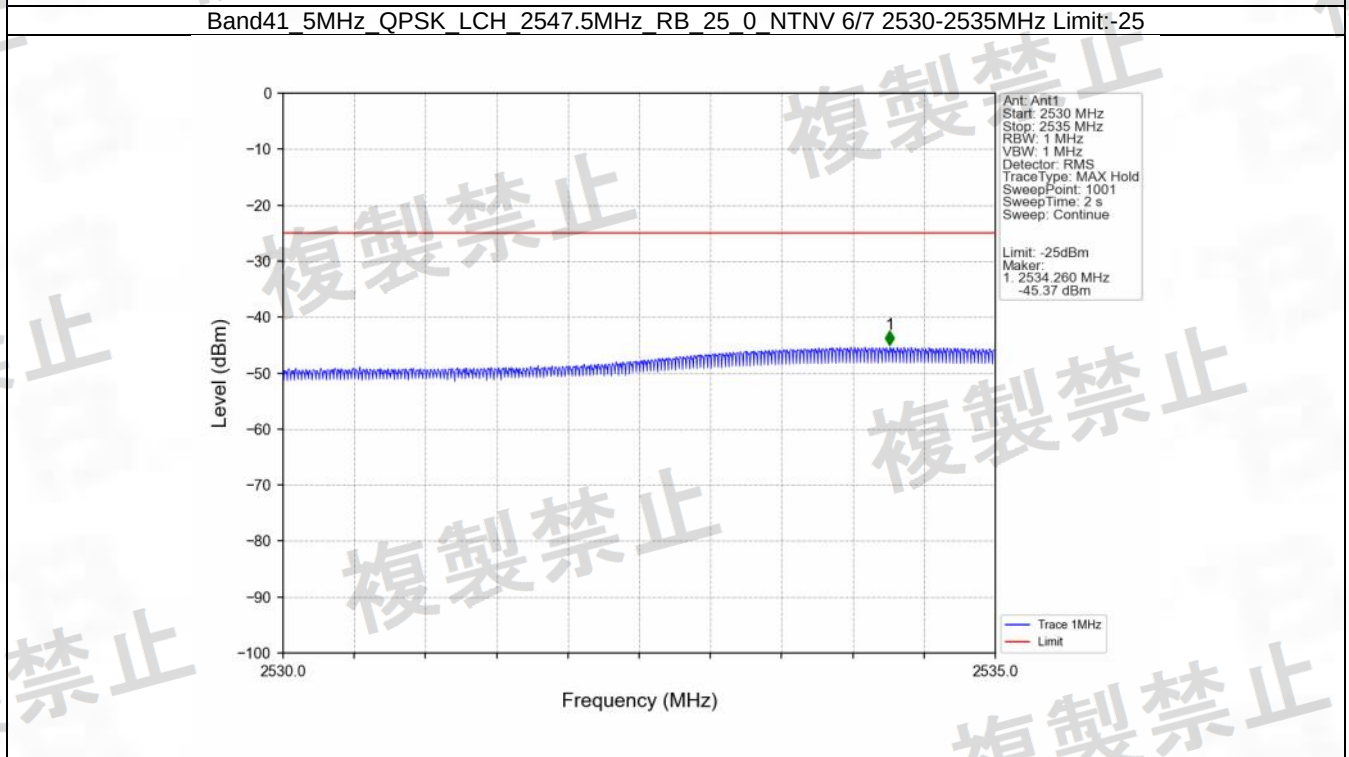
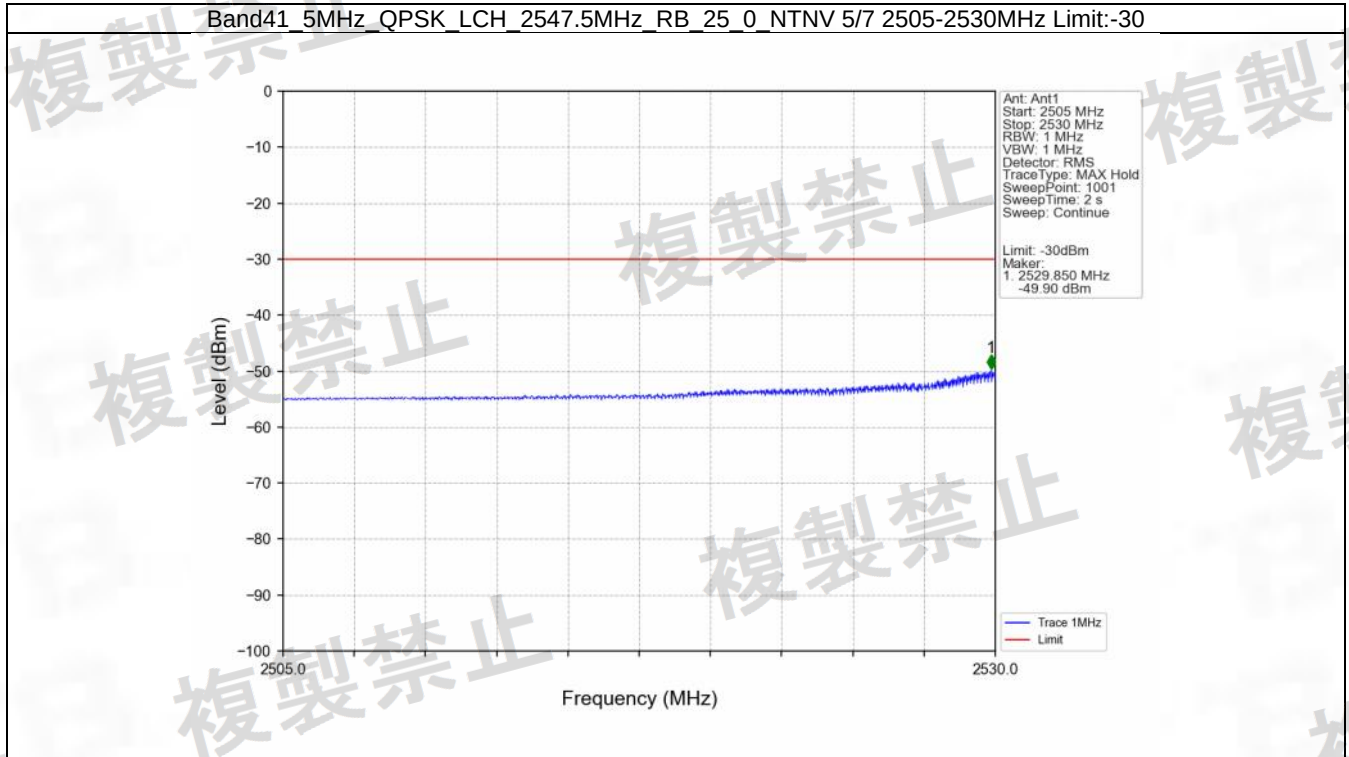
Band41_5MHz_QPSK_LCH_2547.5MHz_RB_1_24_NTNV_5/7_2505-2530MHz_Limit:-30



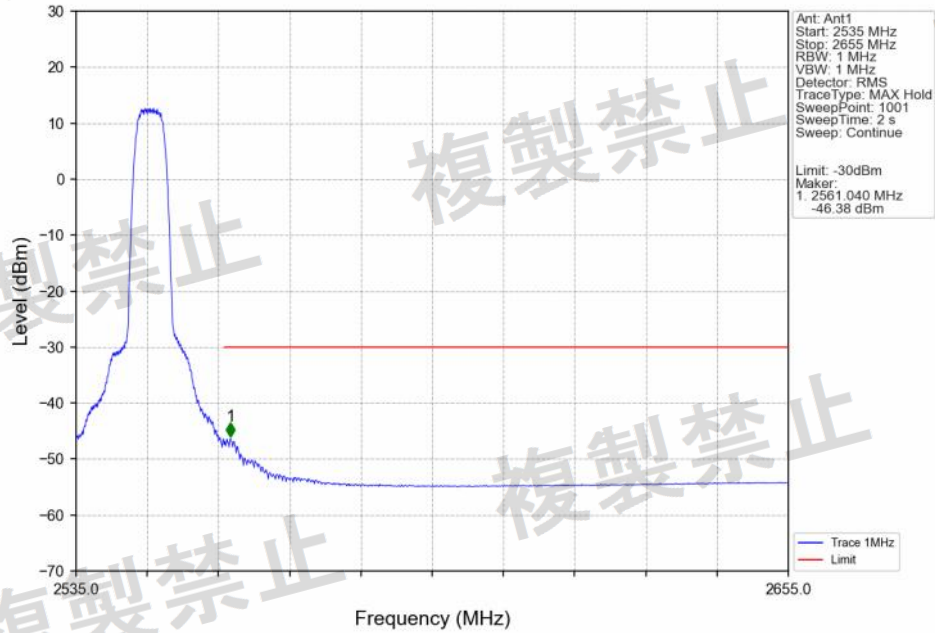




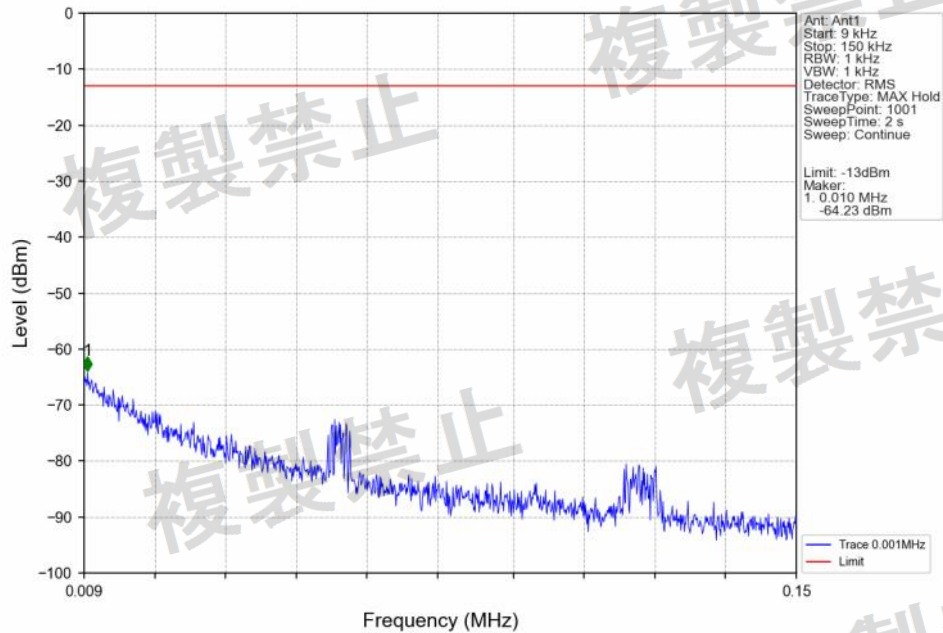




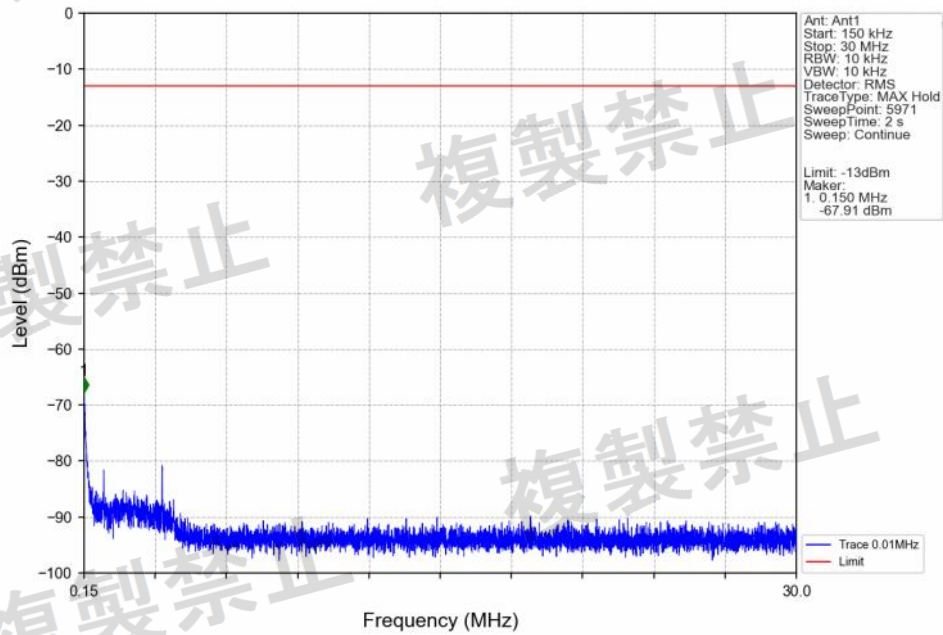
Band41 5MHz QPSK LCH 2547.5MHz RB 25_0 NTNV 7/7 2535-2655MHz Limit:-30



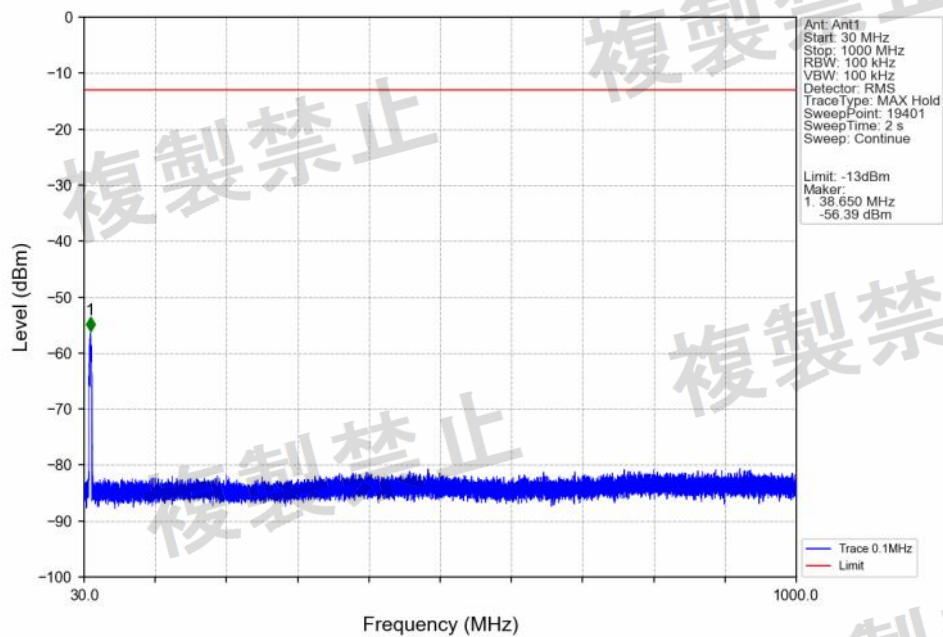
Band41 5MHz QPSK MCH 2600MHz RB 1_0 NTNV 1/7 0.009-0.15MHz Limit:-13



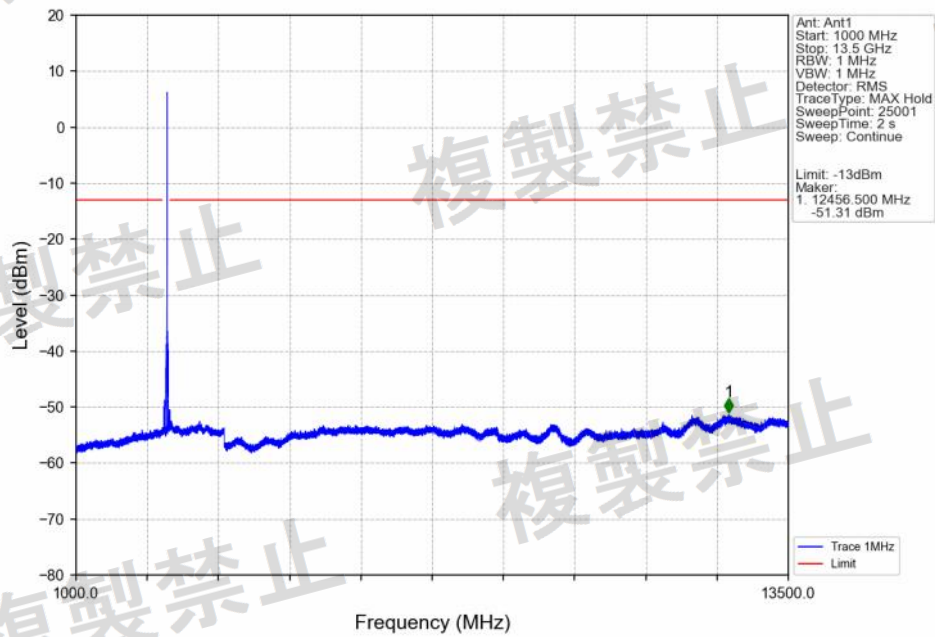
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV_2/7_0.15-30MHz Limit:-13



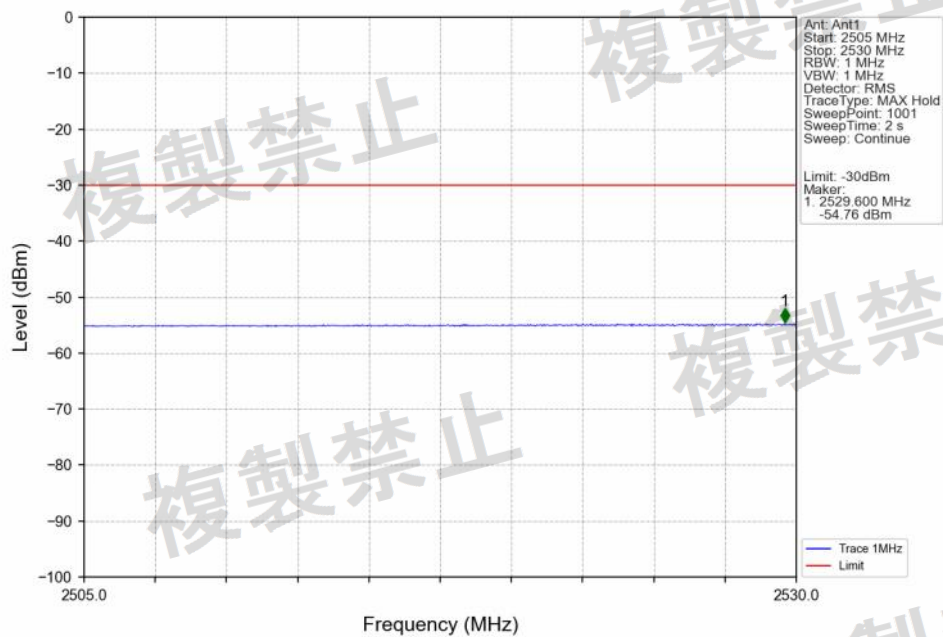
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV_3/7_30-1000MHz Limit:-13

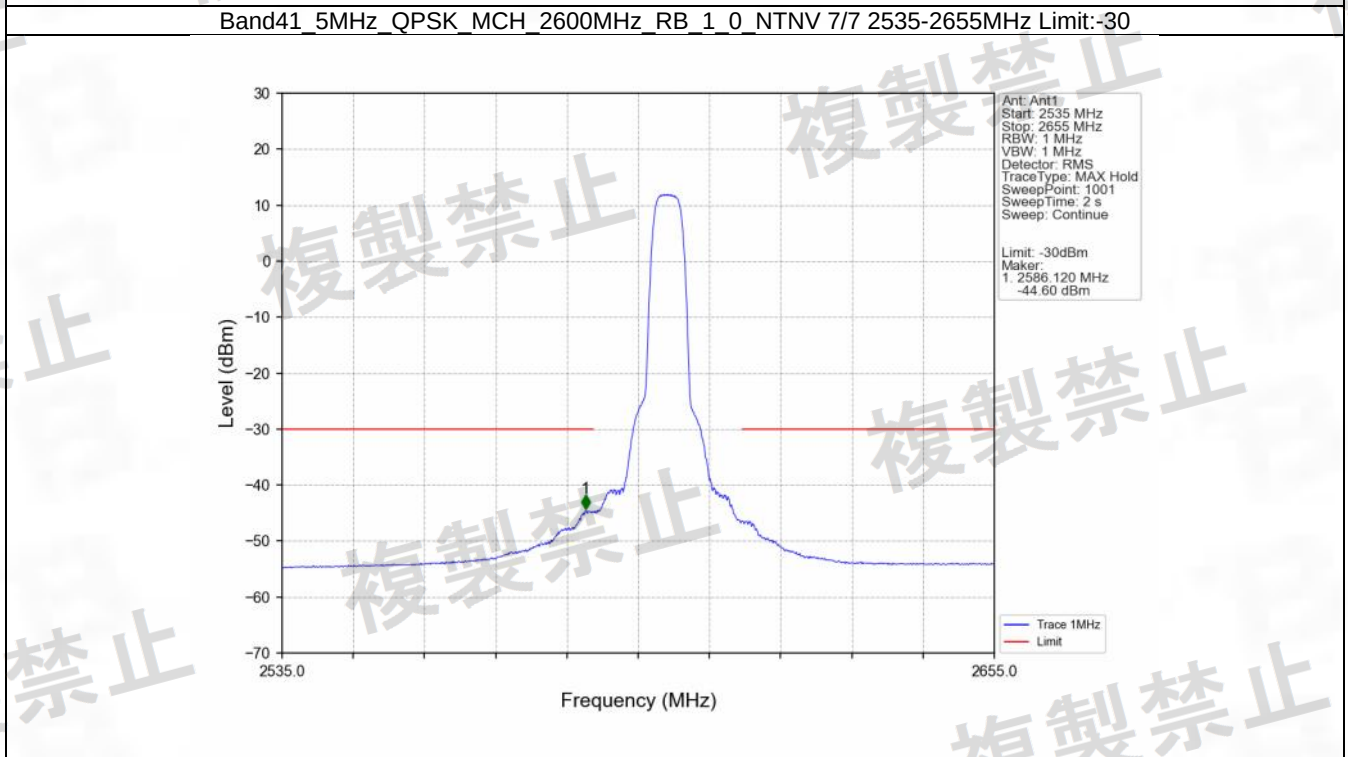
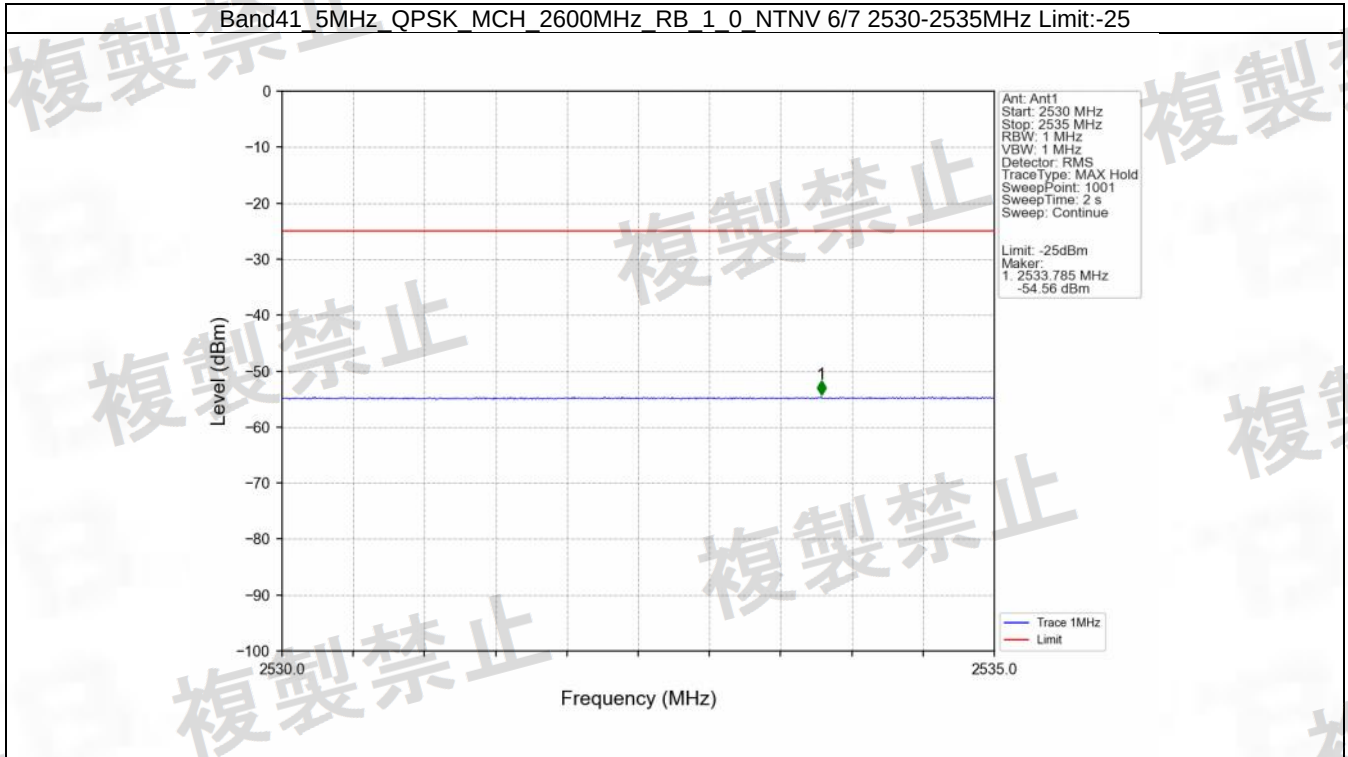


Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13

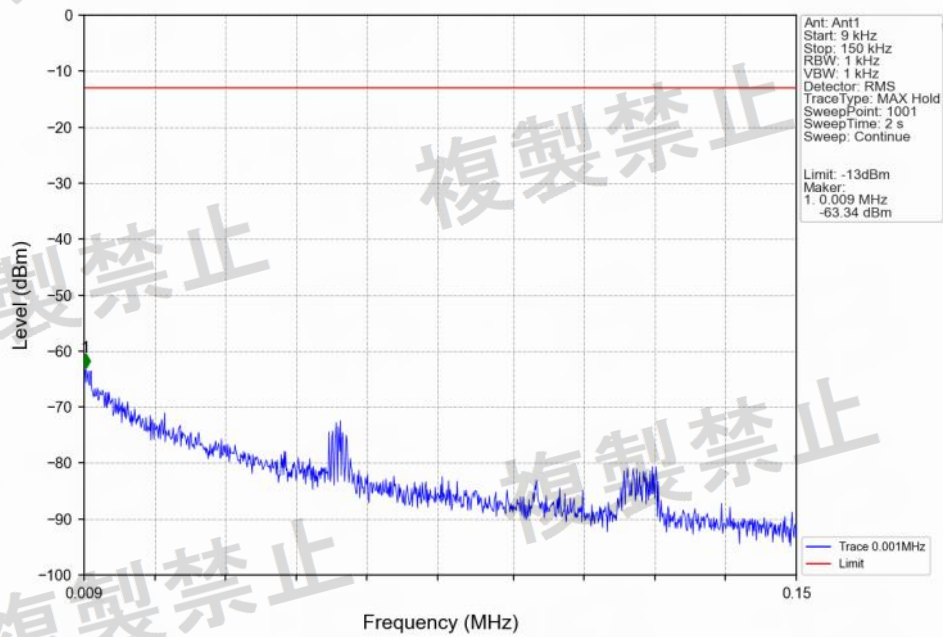


Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV_5/7_2505-2530MHz_Limit:-30

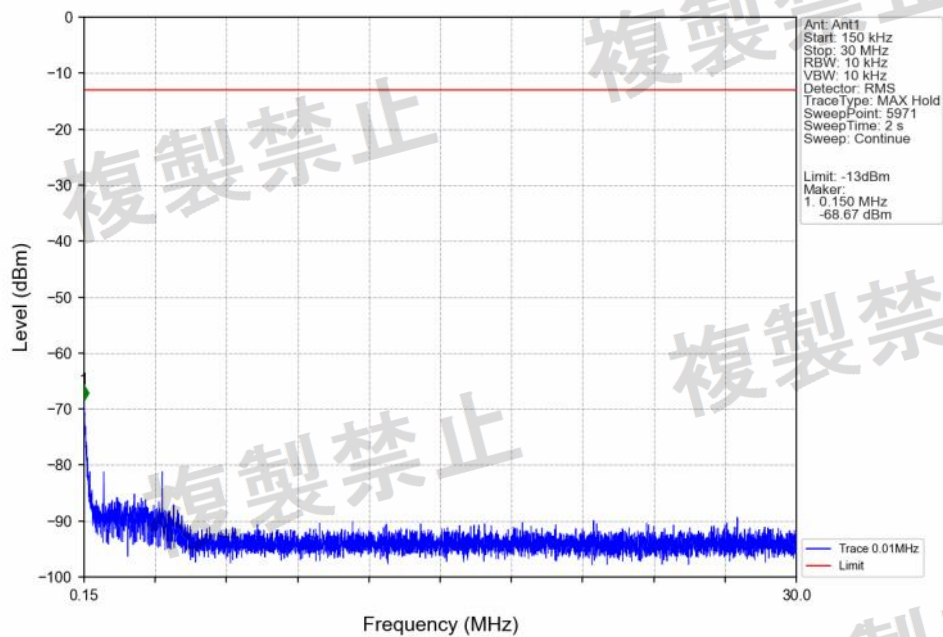




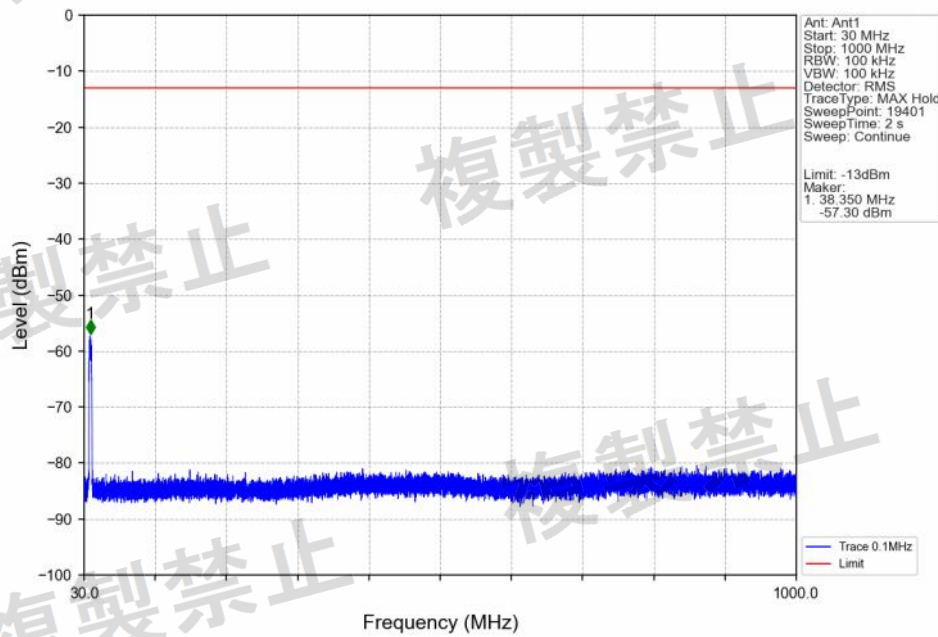
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_24_NTNV 1/7 0.009-0.15MHz Limit:-13



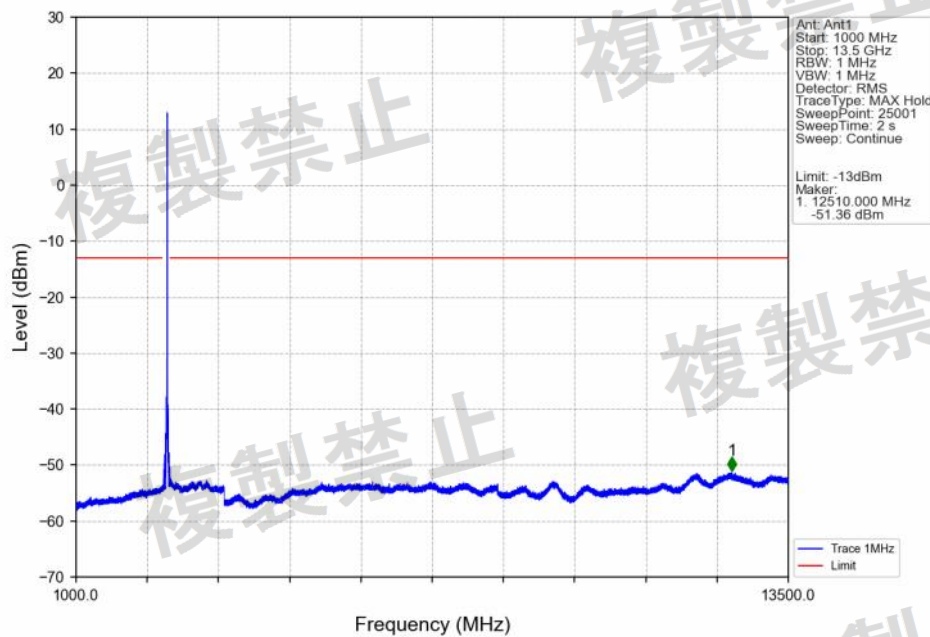
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_24_NTNV 2/7 0.15-30MHz Limit:-13

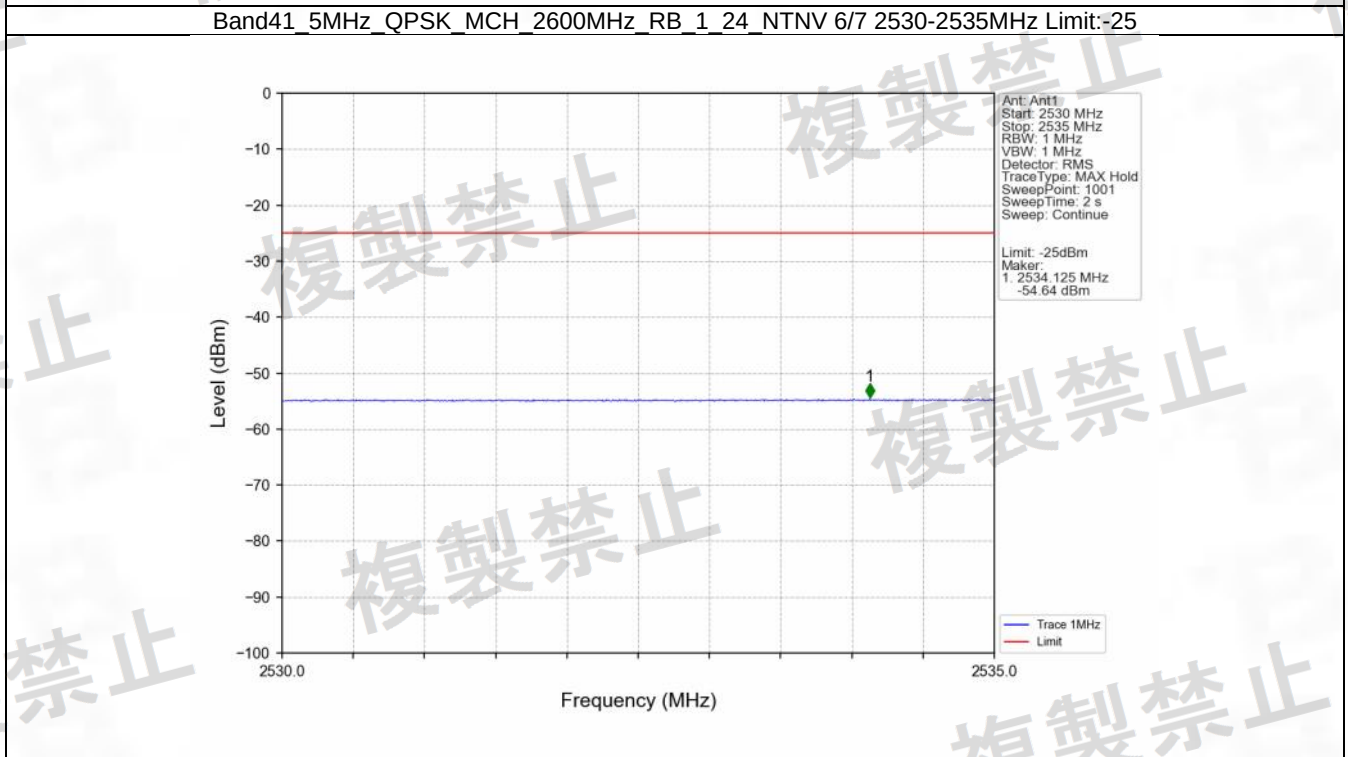
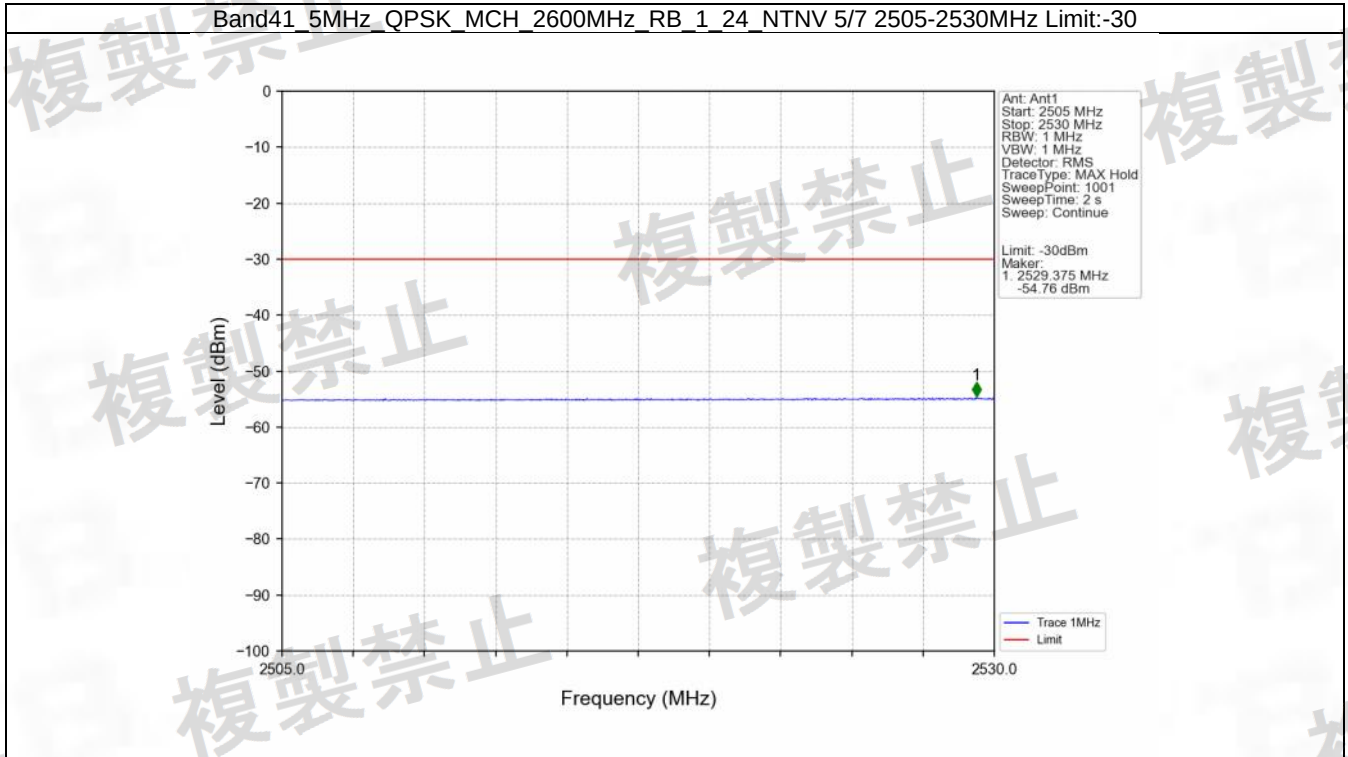


Band41_5MHz_QPSK_MCH_2600MHz_RB_1_24_NTNV_3/7_30-1000MHz_Limit:-13

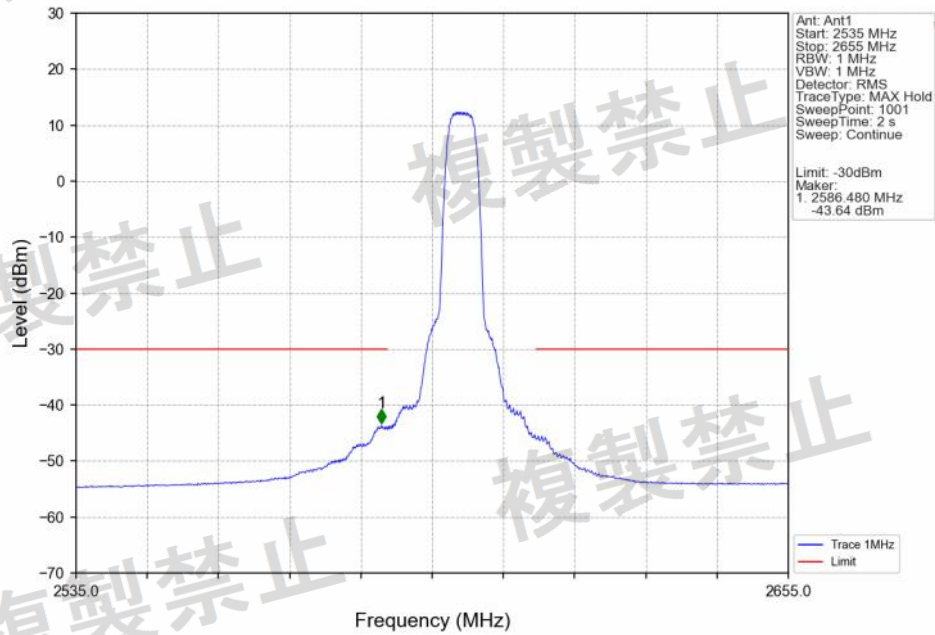


Band41_5MHz_QPSK_MCH_2600MHz_RB_1_24_NTNV_4/7_1000-13500MHz_Limit:-13

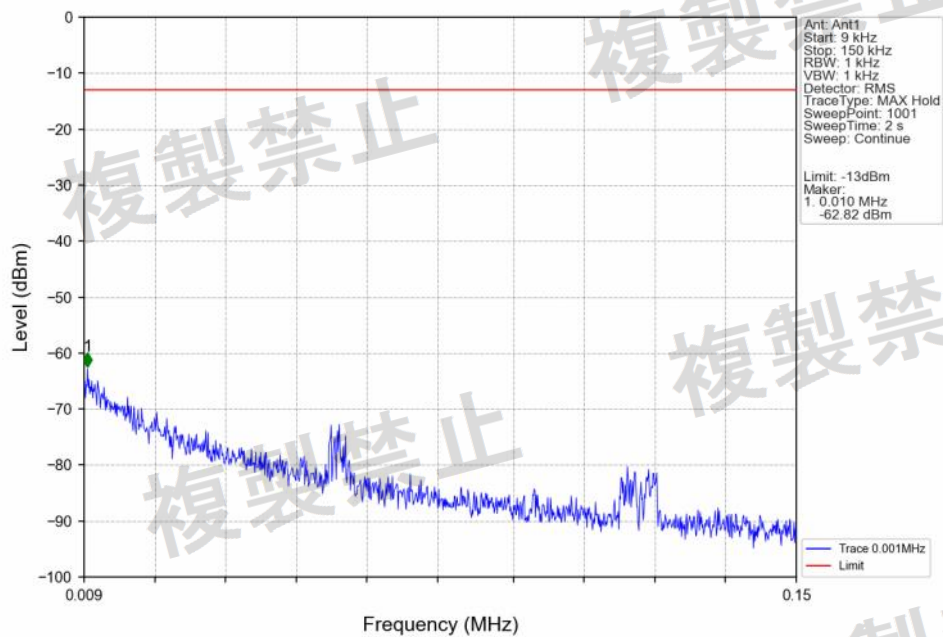




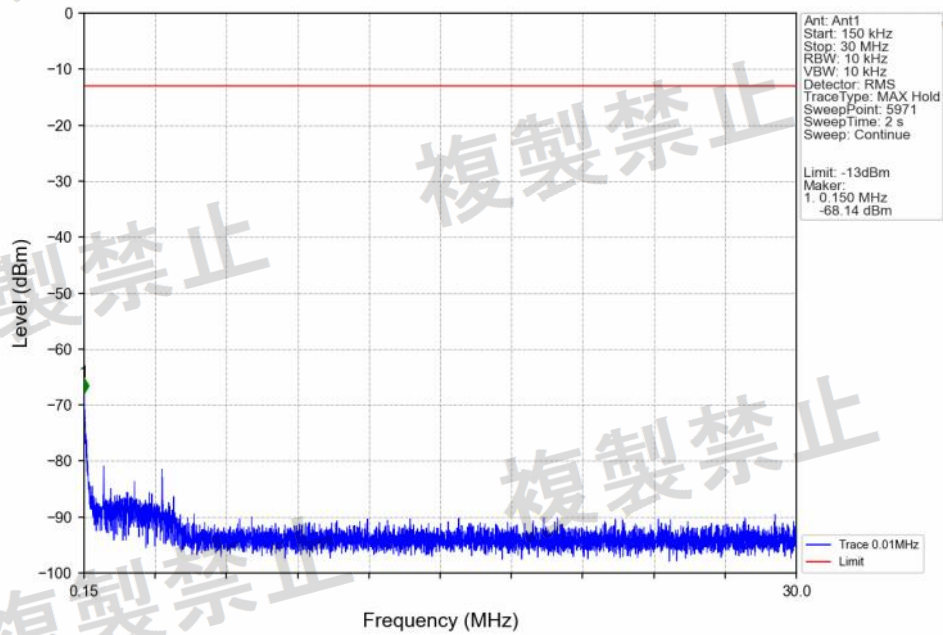
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_24_NTNV_7/7_2535-2655MHz_Limit:-30



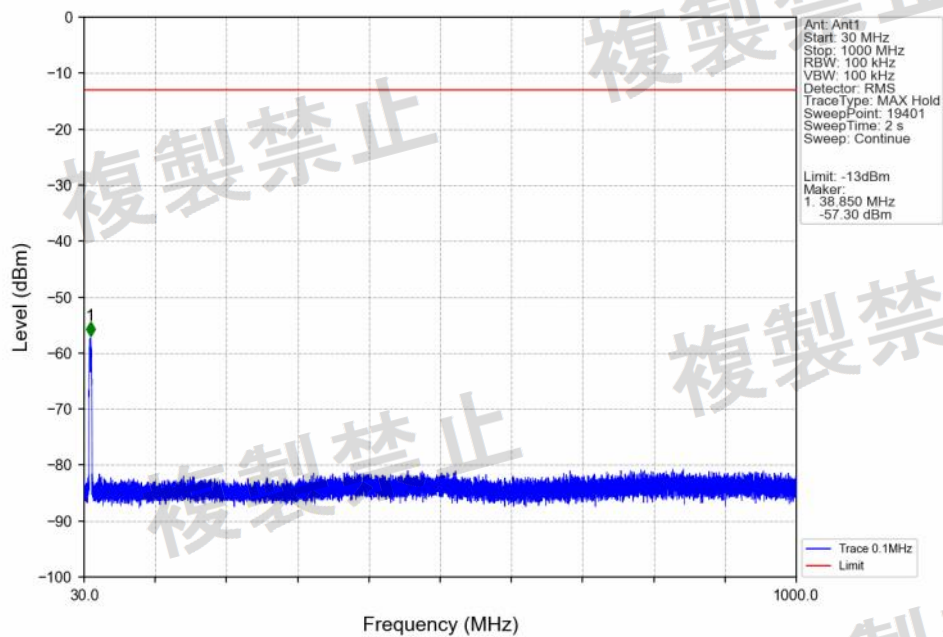
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV_1/7_0.009-0.15MHz_Limit:-13



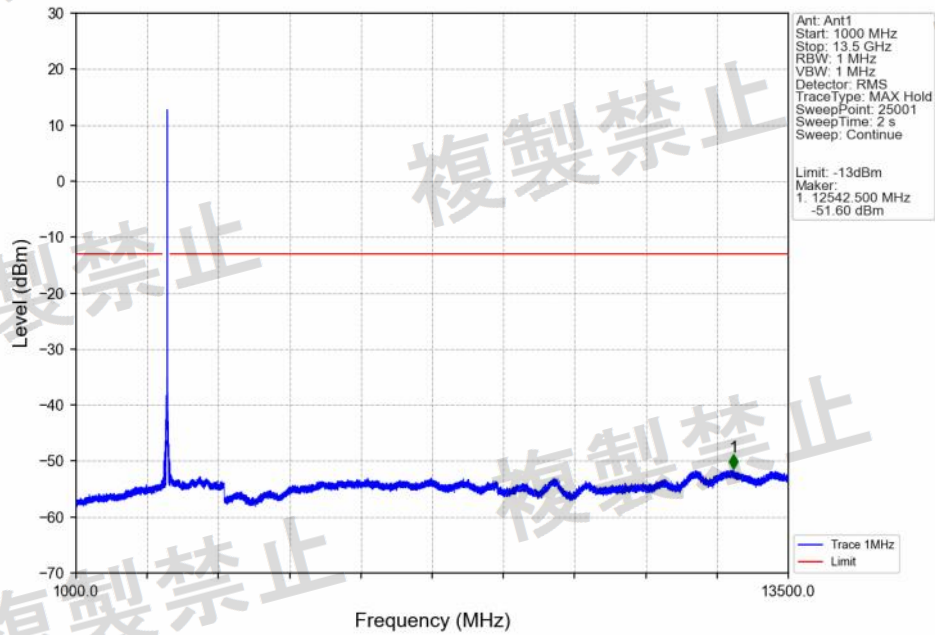
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV 2/7 0.15-30MHz Limit:-13



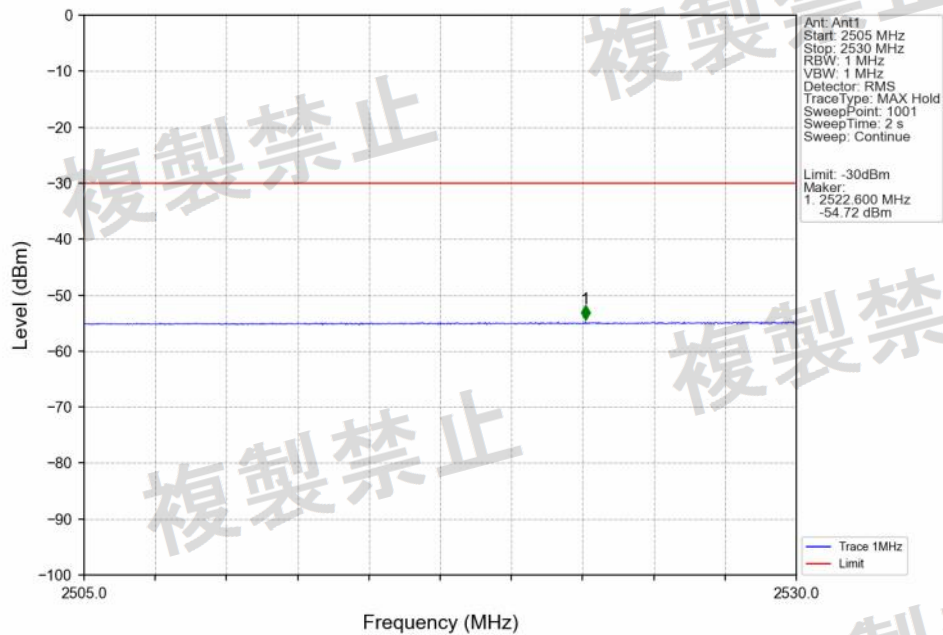
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV 3/7 30-1000MHz Limit:-13

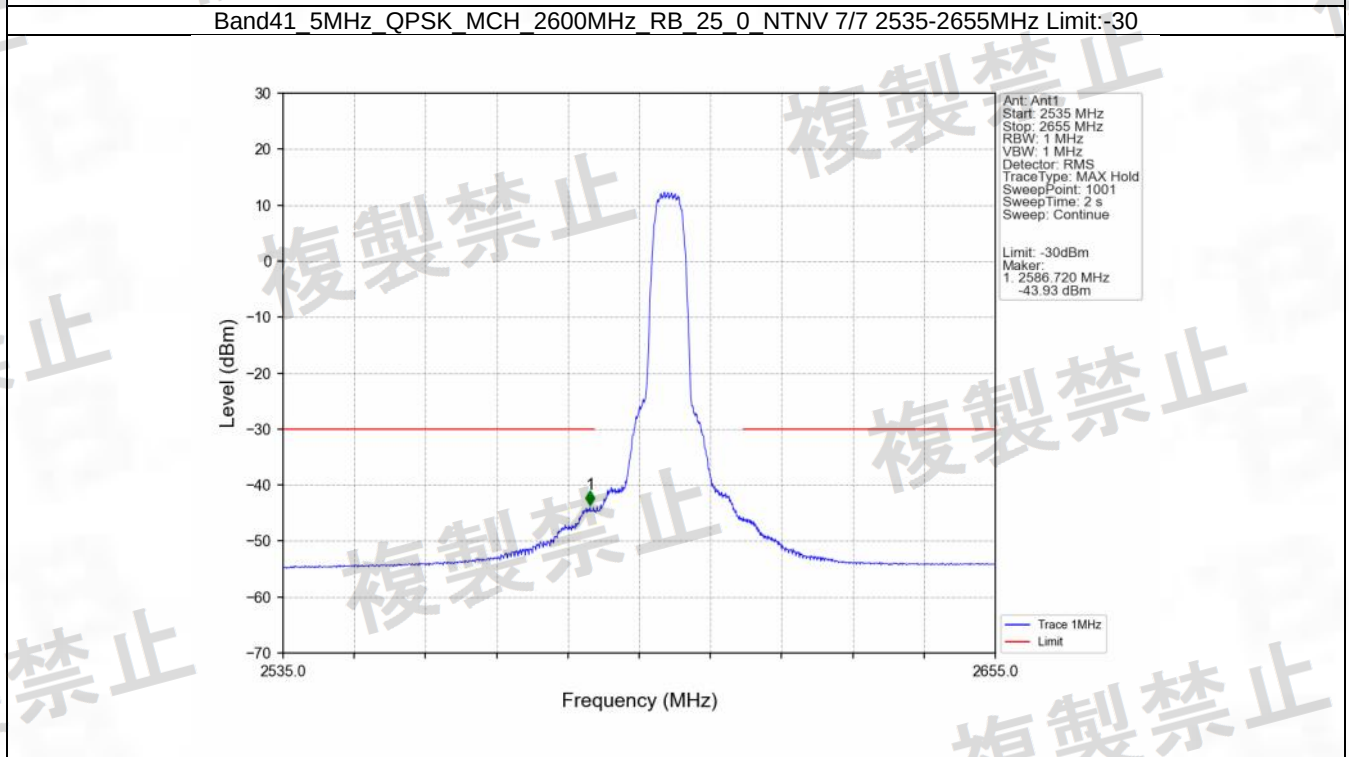
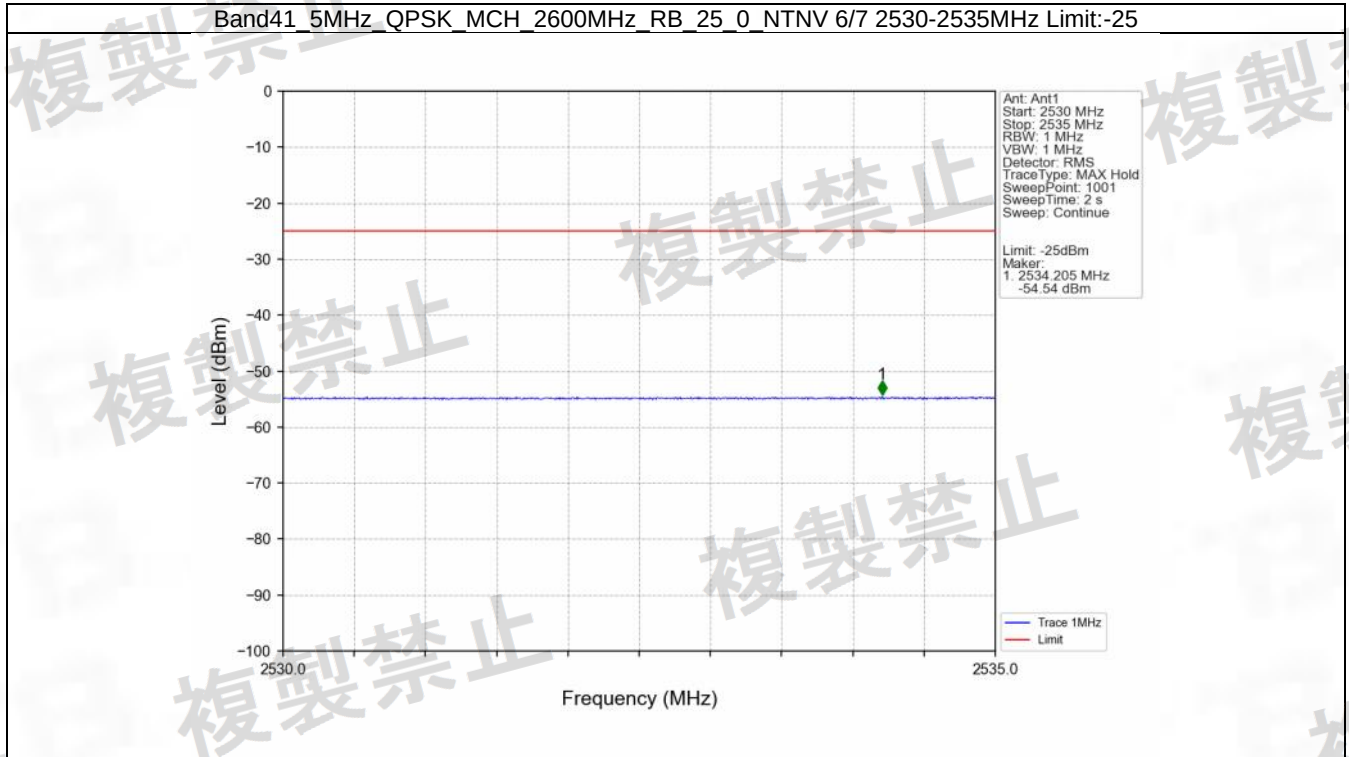


Band41 5MHz QPSK MCH 2600MHz RB 25 0 NTN 4/7 1000-13500MHz Limit:-13

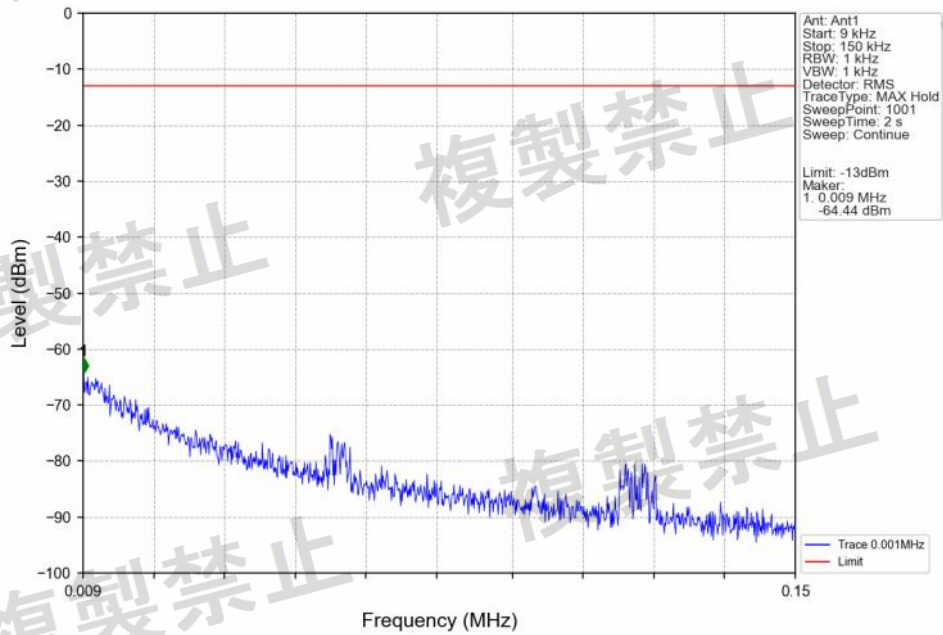


Band41 5MHz QPSK MCH 2600MHz RB 25 0 NTN 5/7 2505-2530MHz Limit:-30

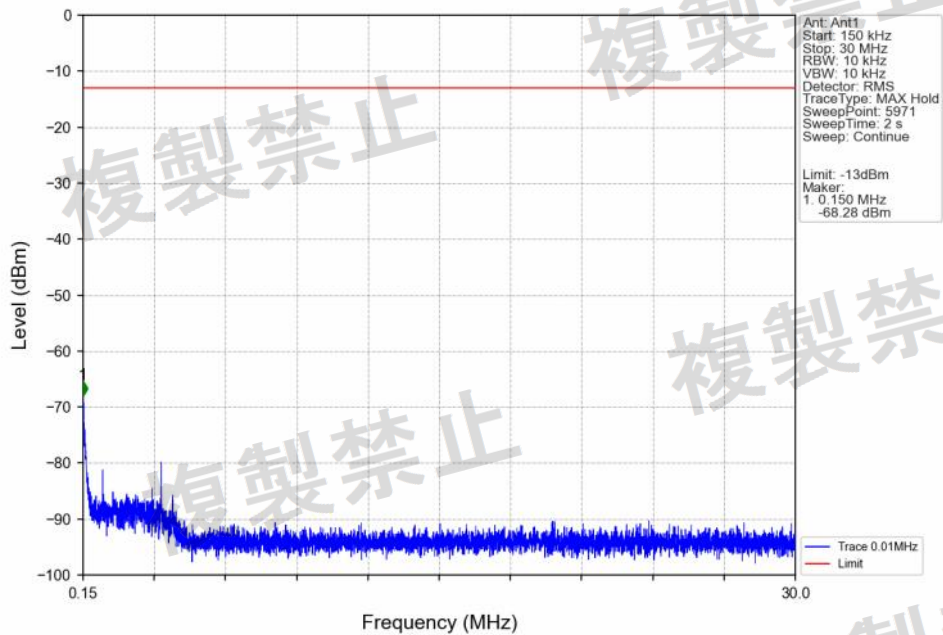




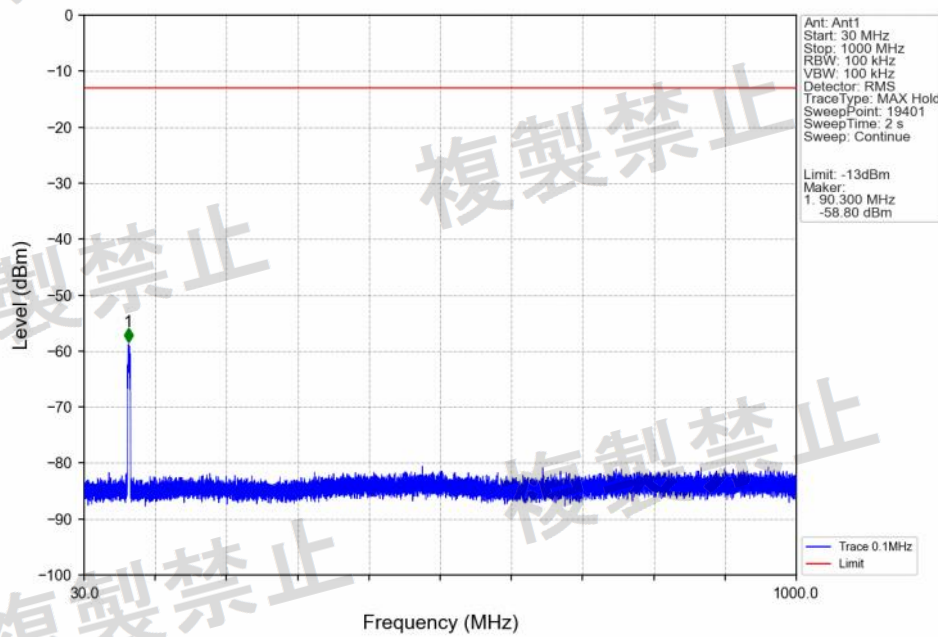
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTVN 1/7 0.009-0.15MHz Limit:-13



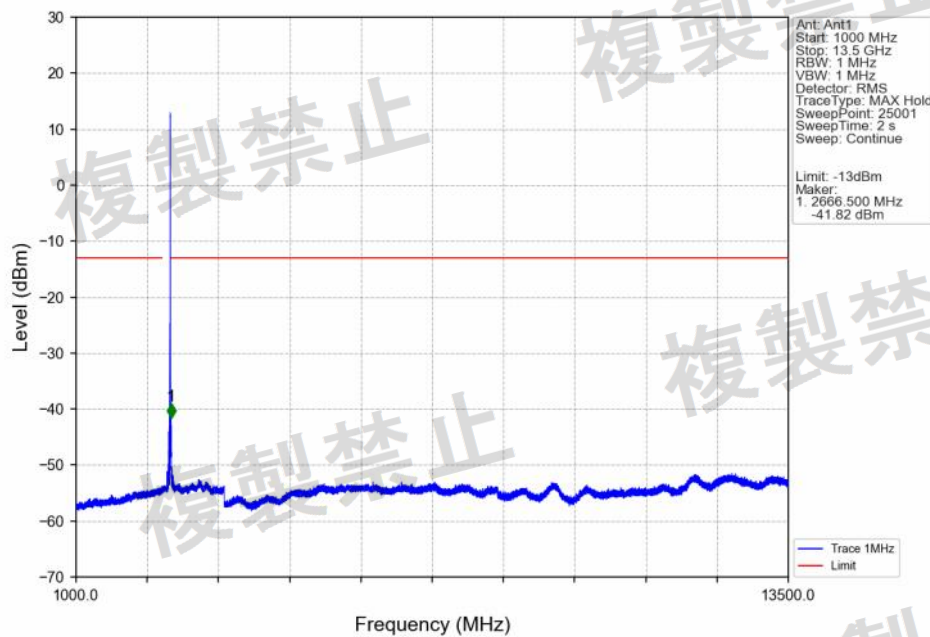
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTVN 2/7 0.15-30MHz Limit:-13

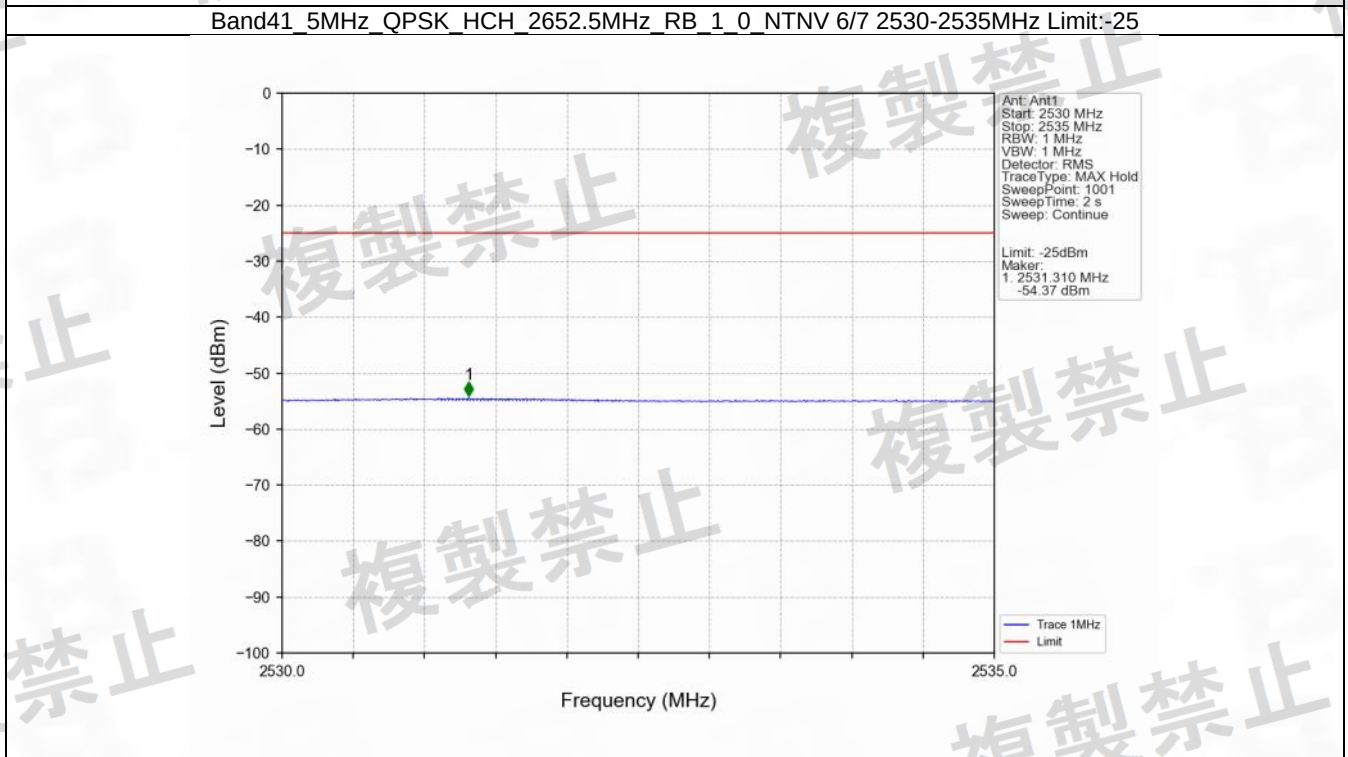
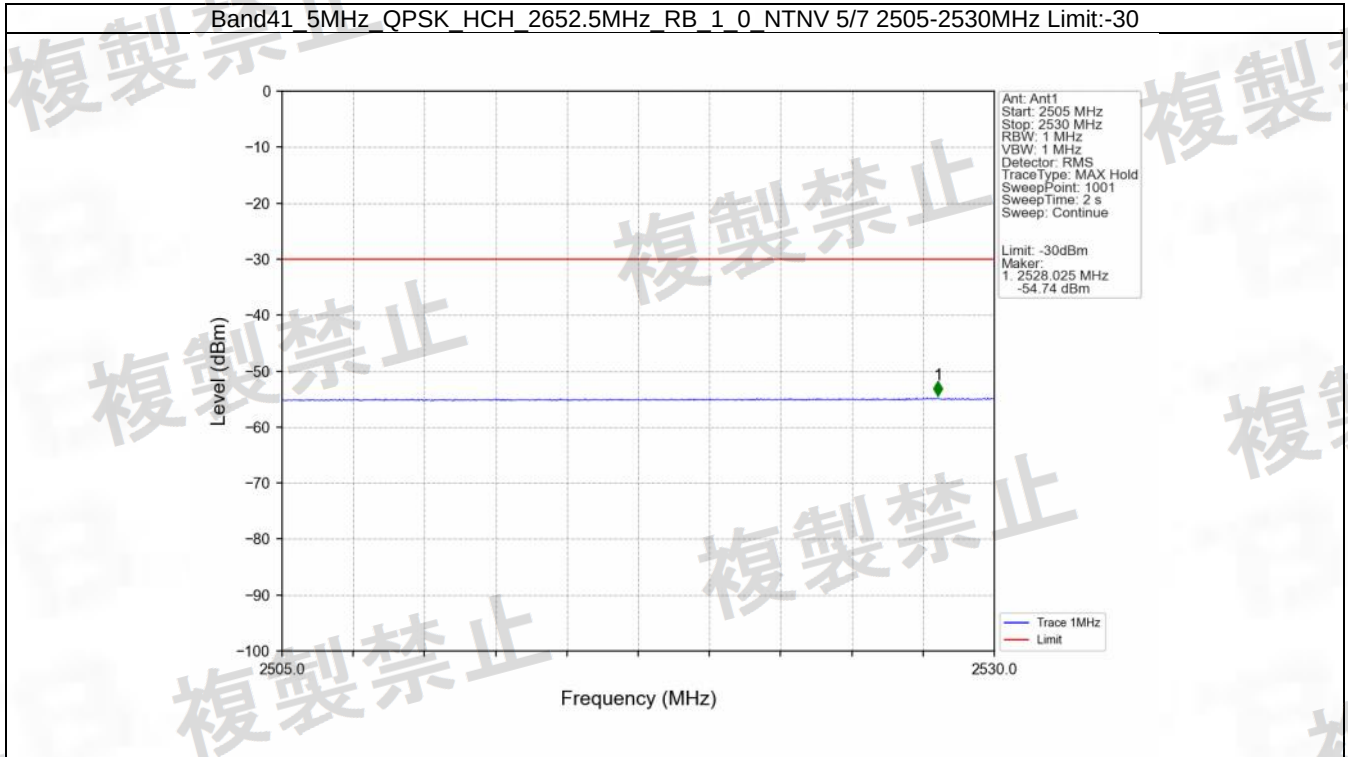


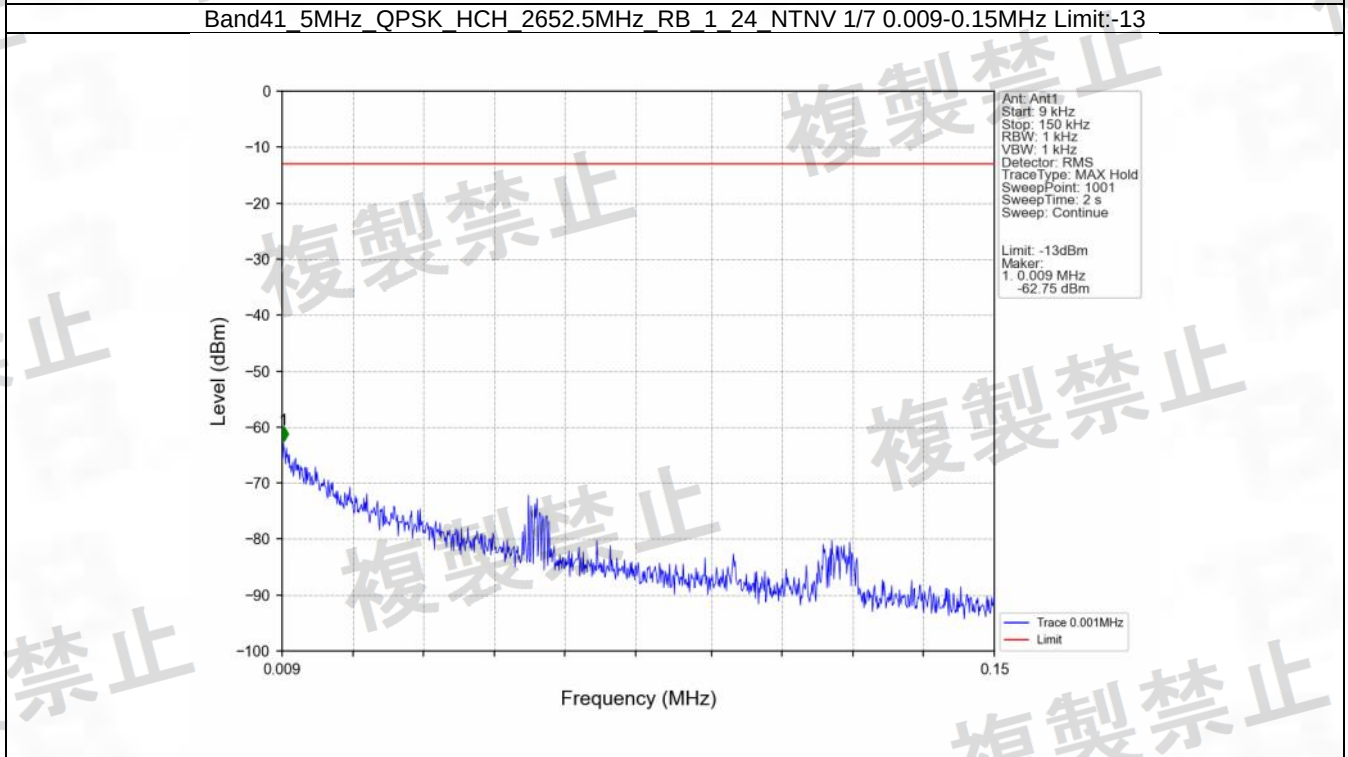
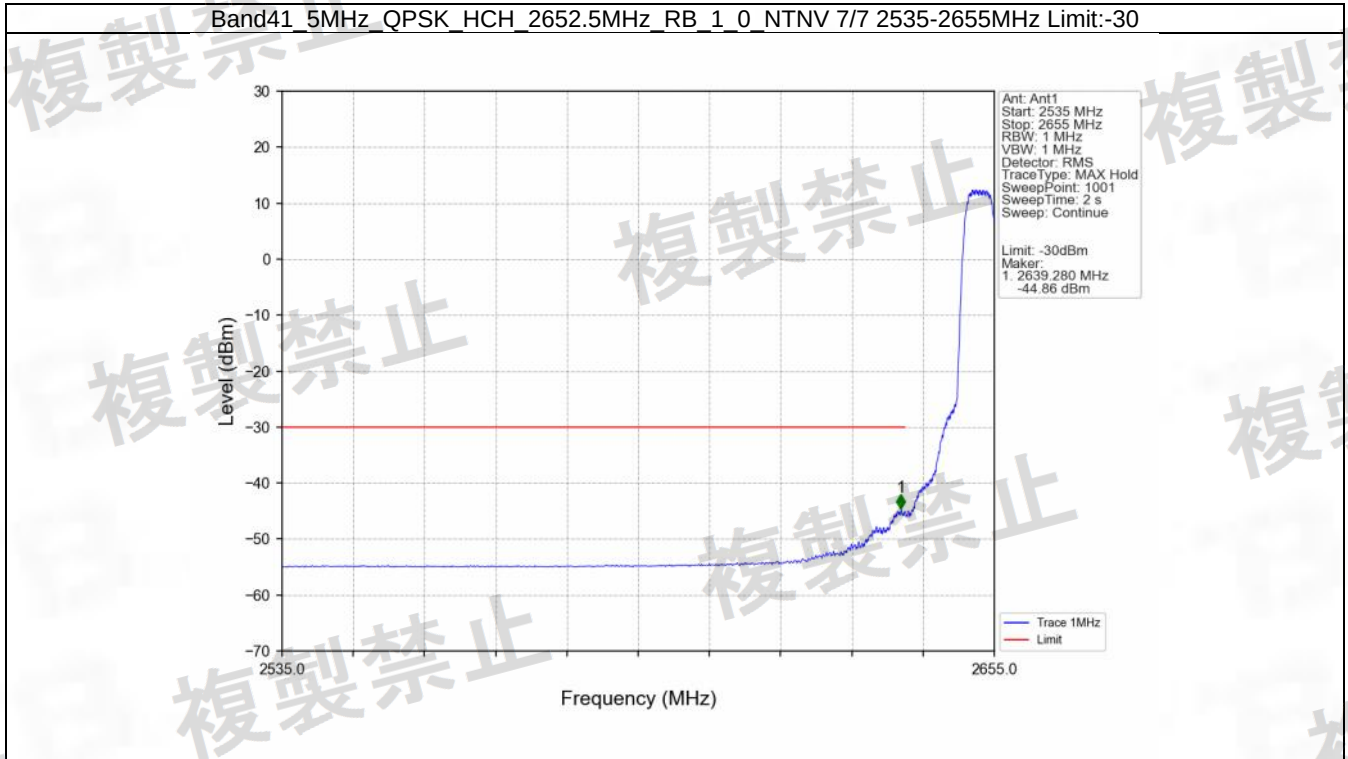
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV_3/7_30-1000MHz_Limit:-13

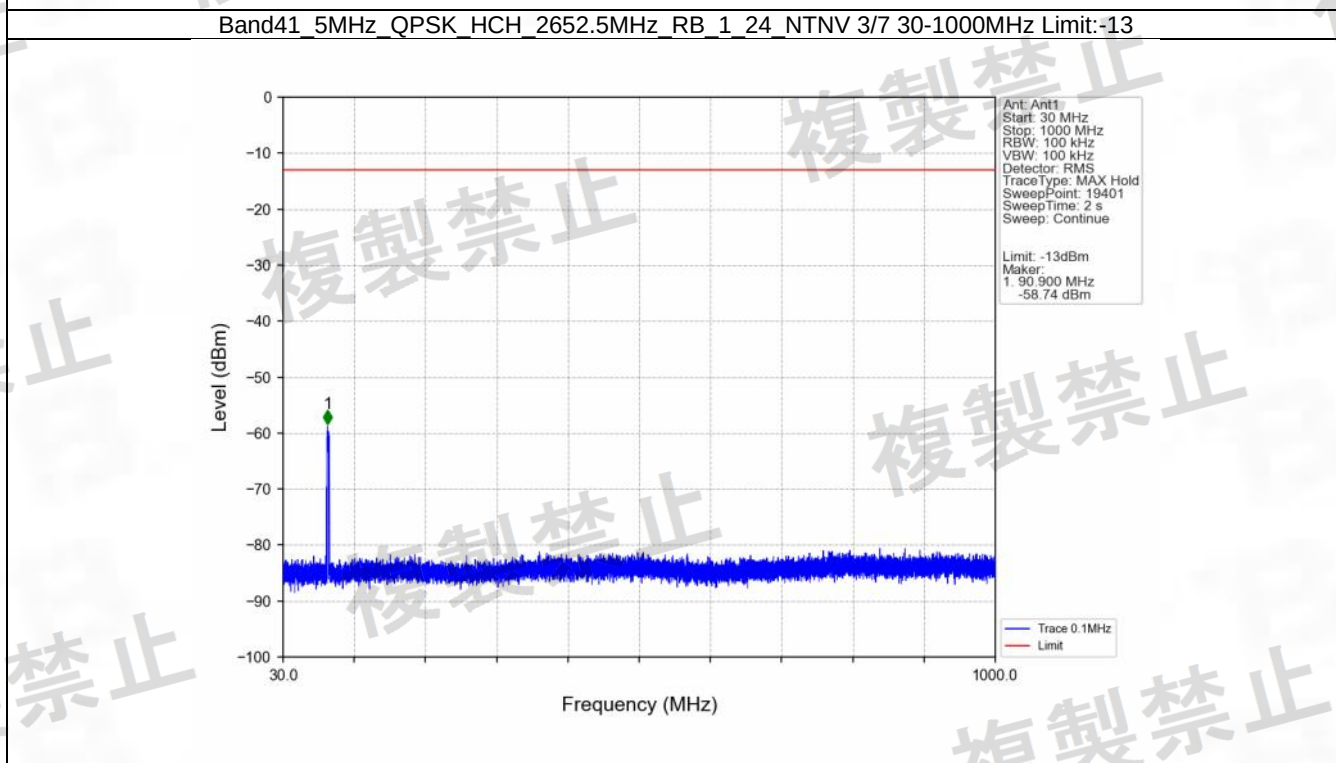
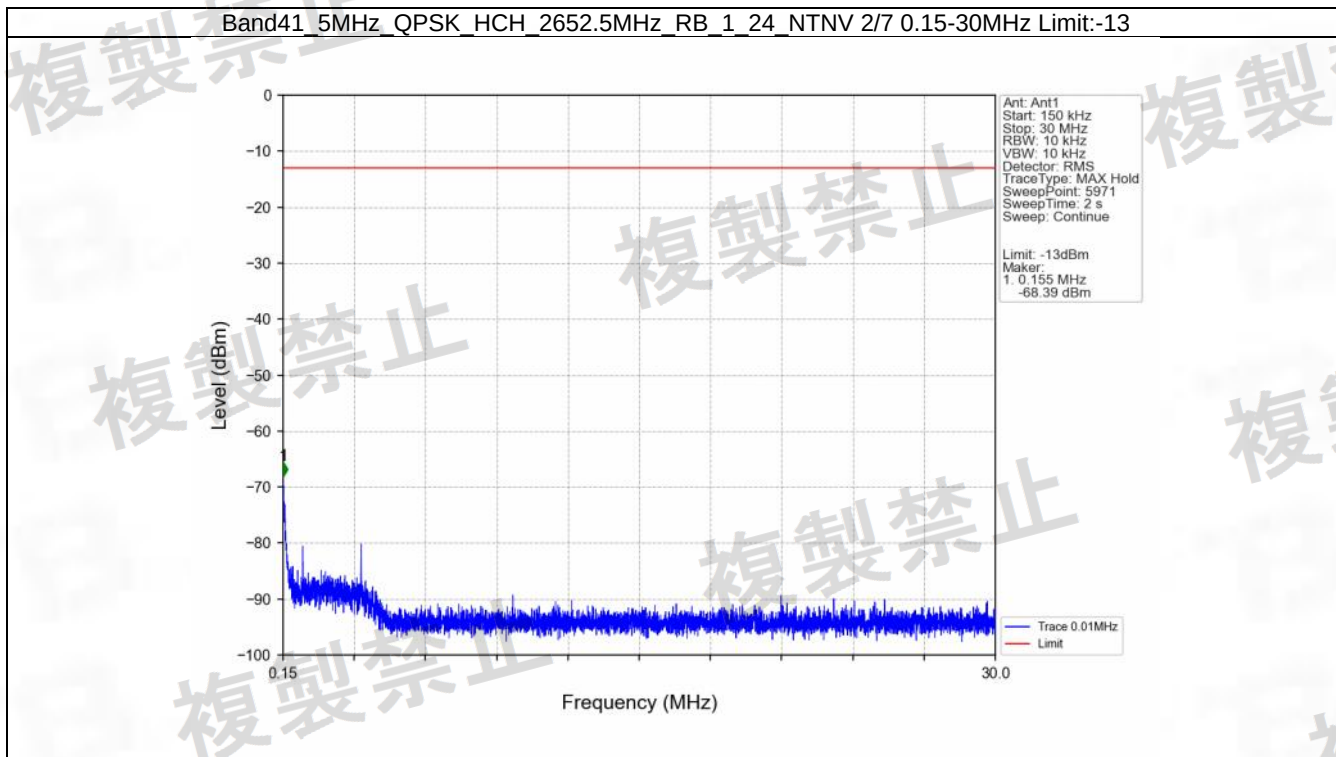


Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13

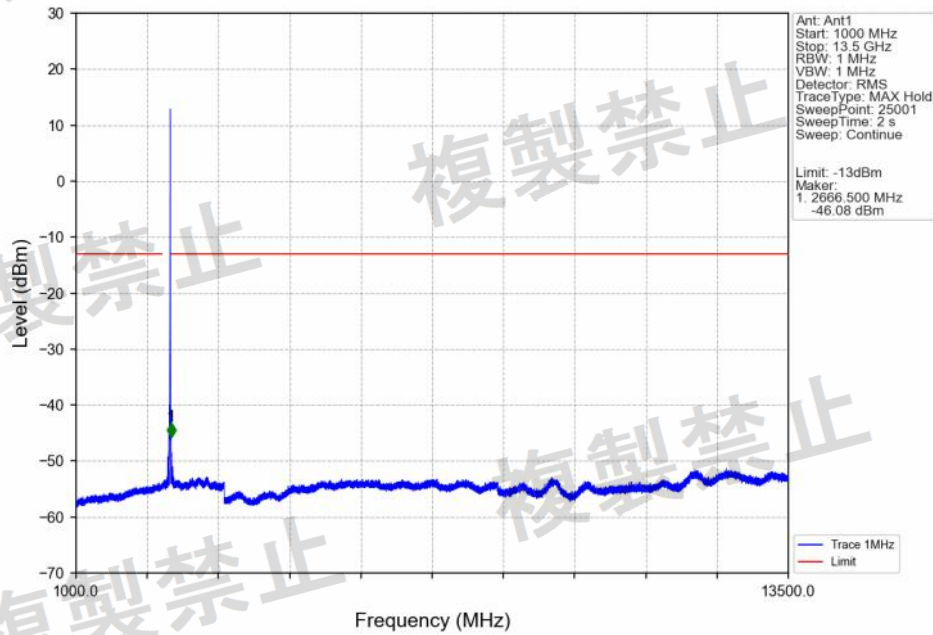




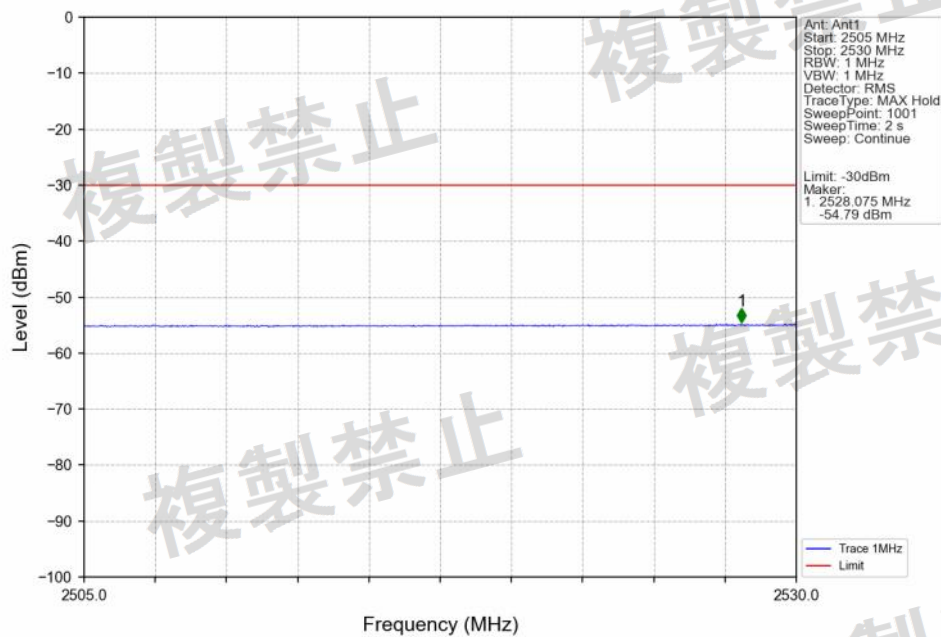


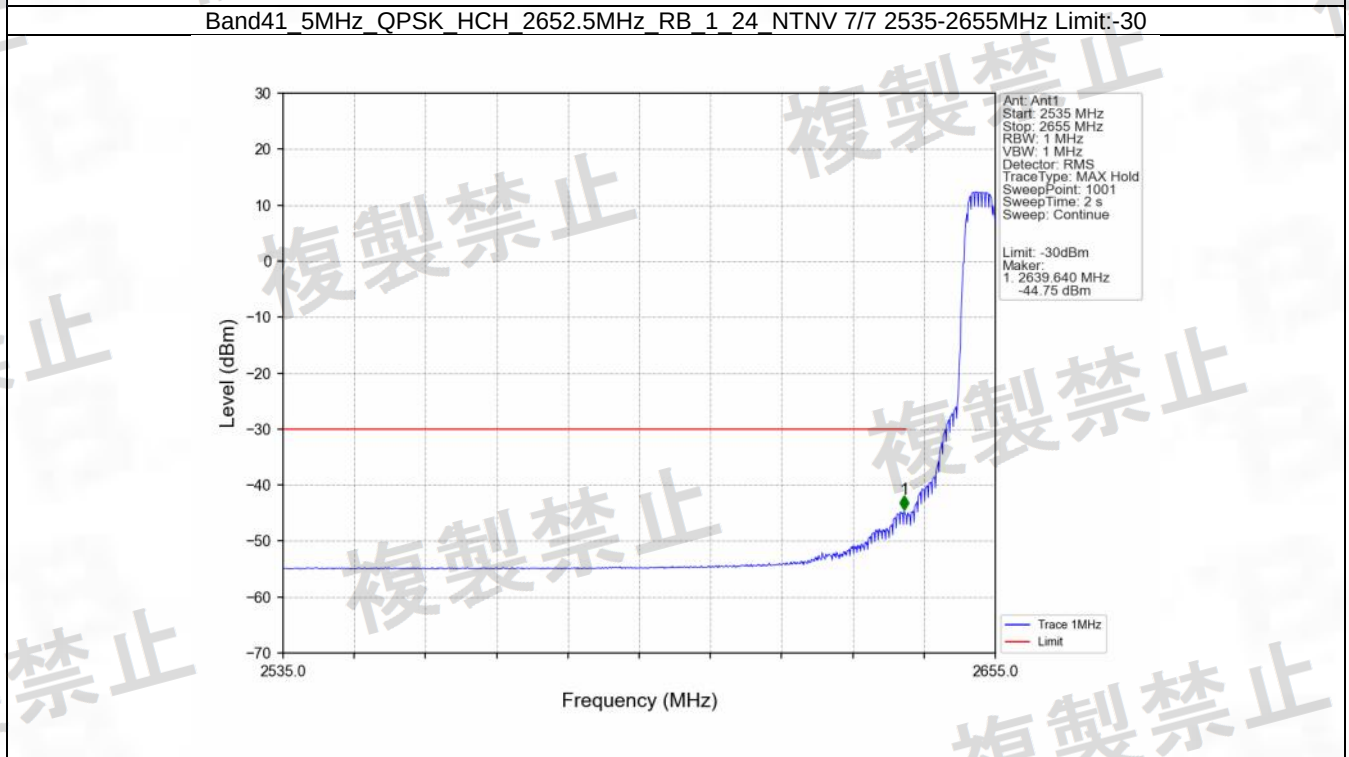
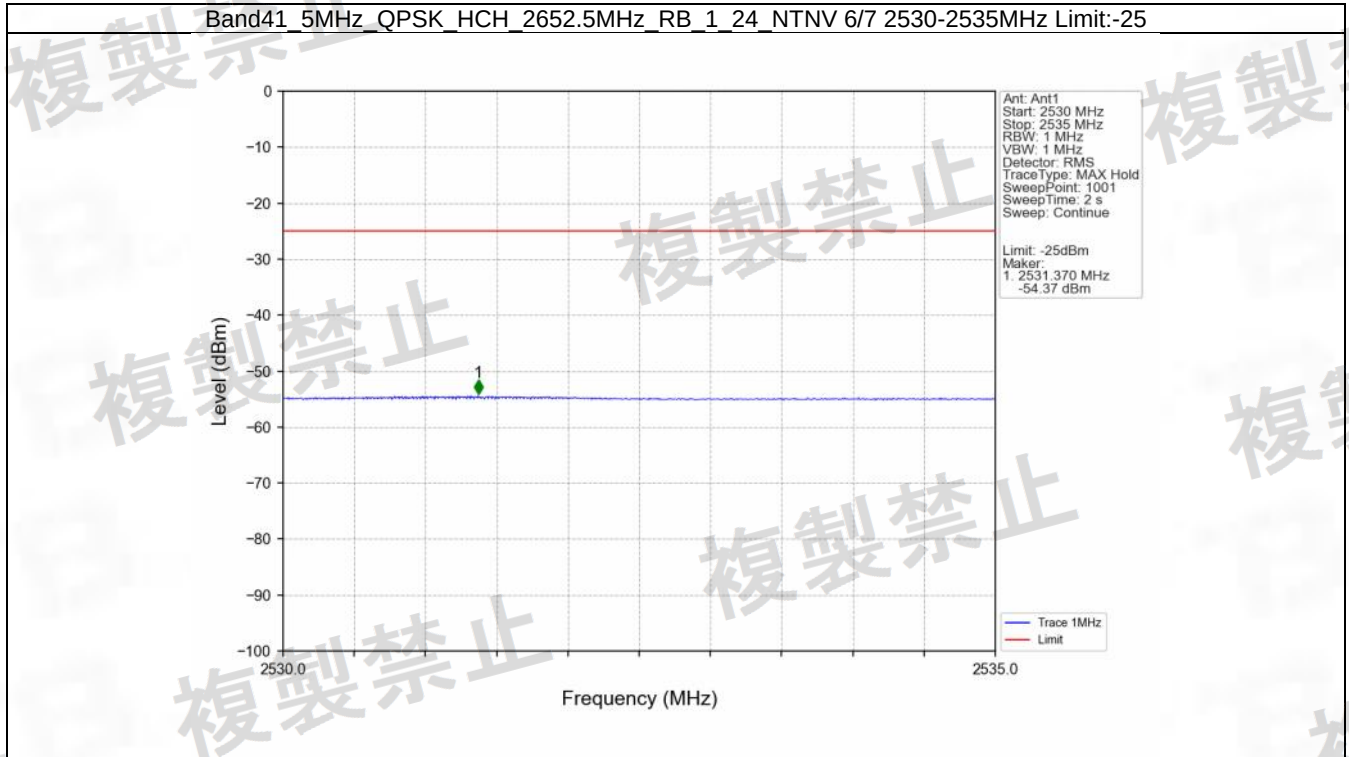


Band41 5MHz QPSK HCH 2652.5MHz RB 1 24 NTNV 4/7 1000-13500MHz Limit:-13

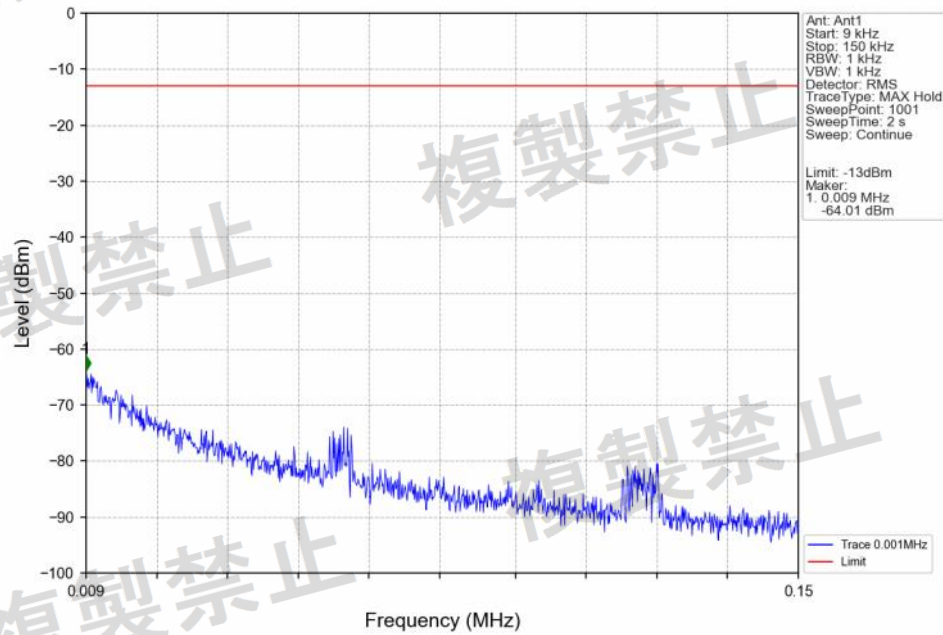


Band41 5MHz QPSK HCH 2652.5MHz RB 1 24 NTNV 5/7 2505-2530MHz Limit:-30

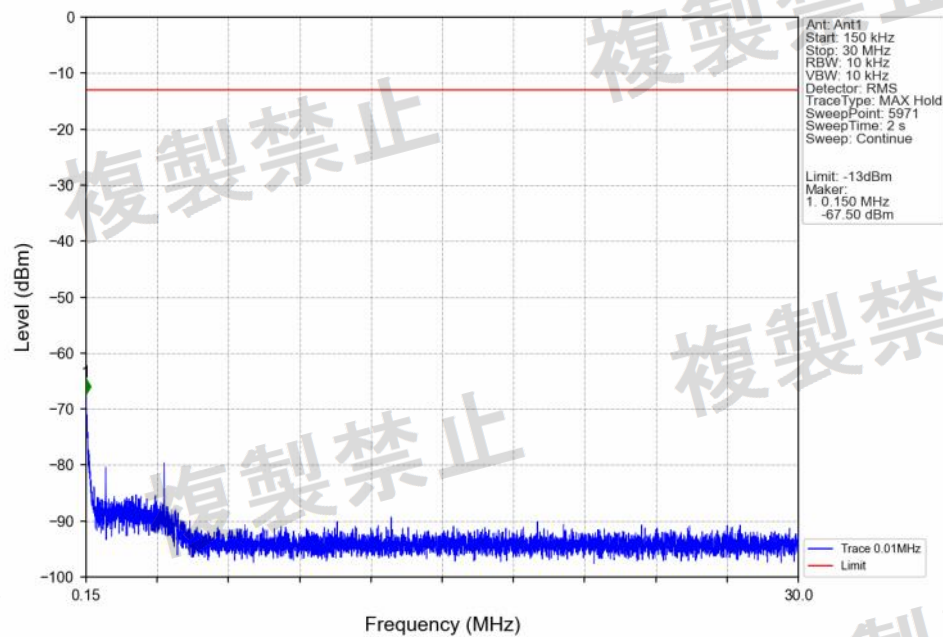




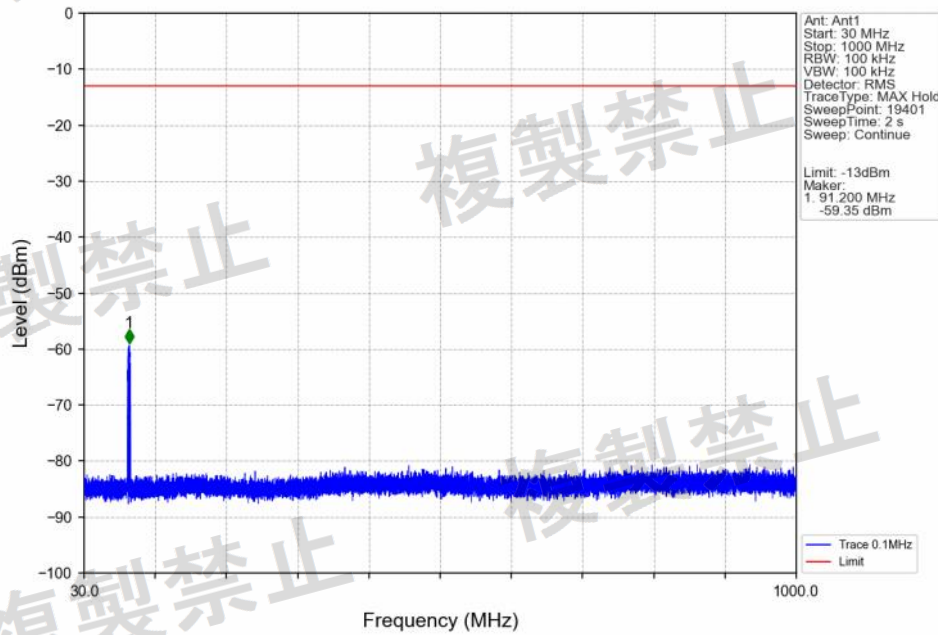
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV 1/7 0.009-0.15MHz Limit:-13



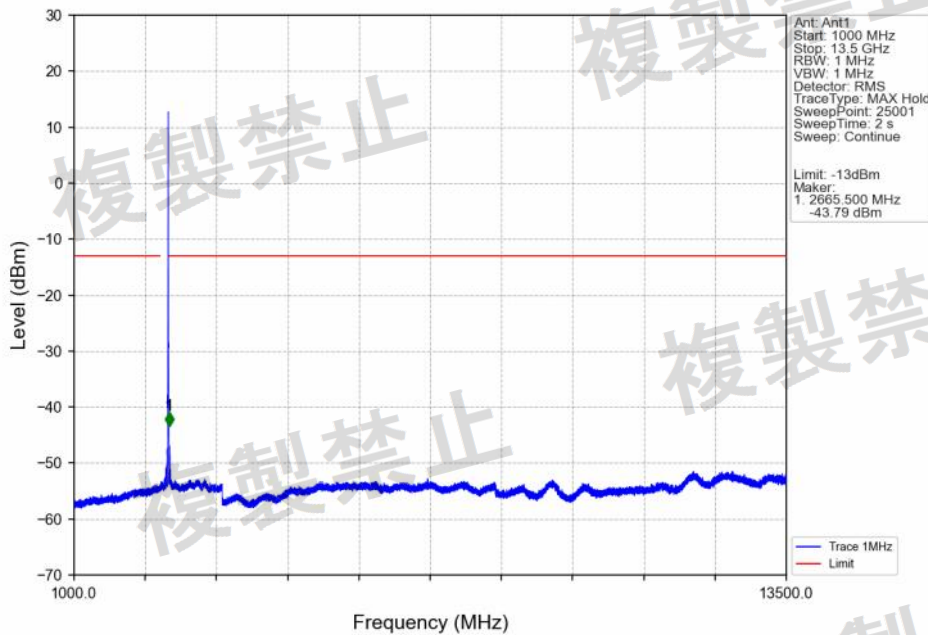
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV 2/7 0.15-30MHz Limit:-13

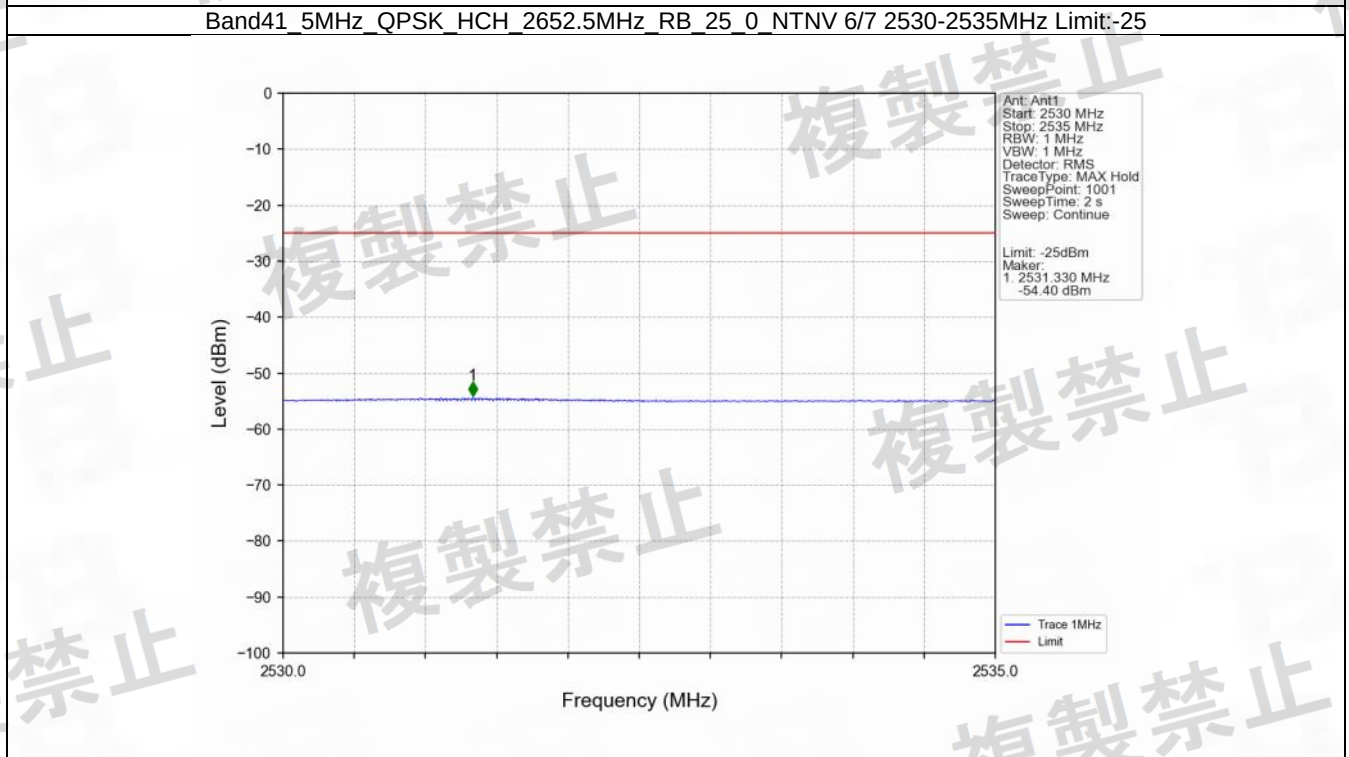
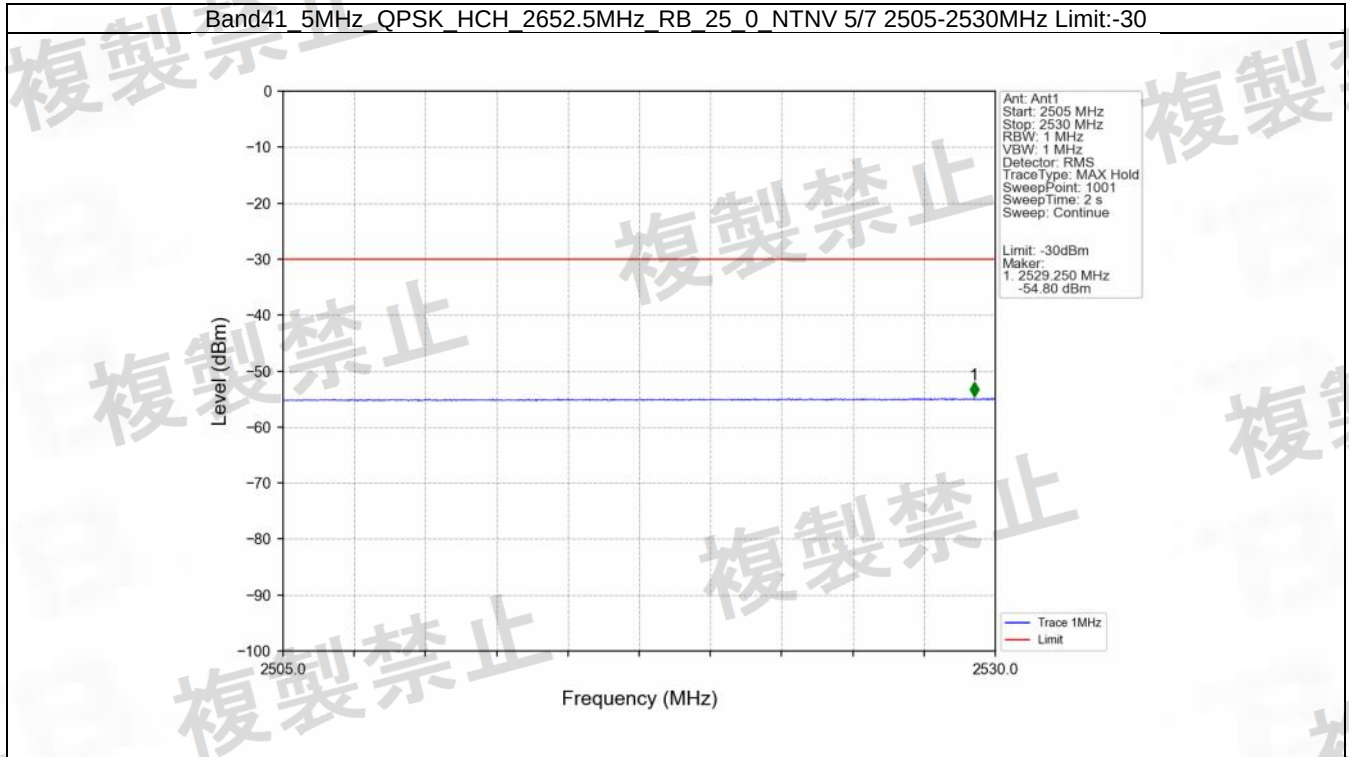


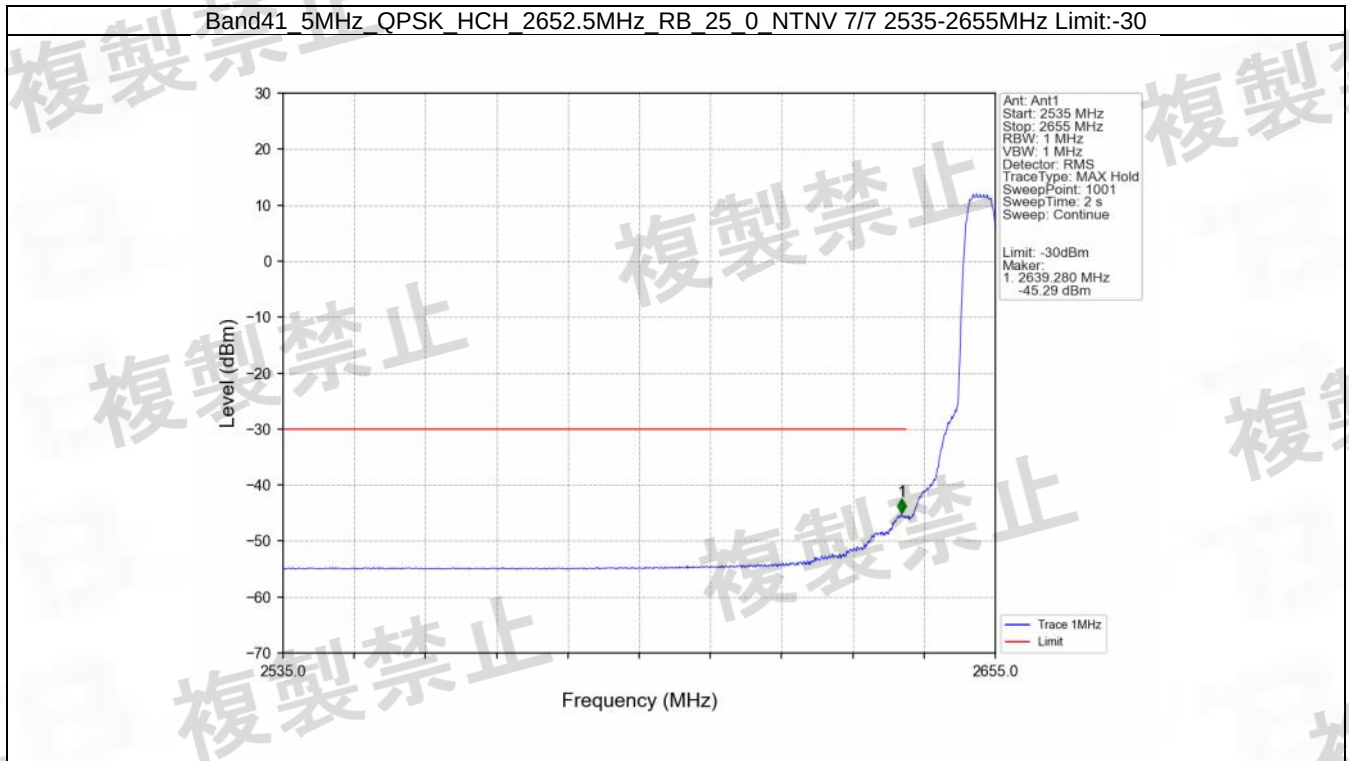
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV_3/7_30-1000MHz_Limit:-13



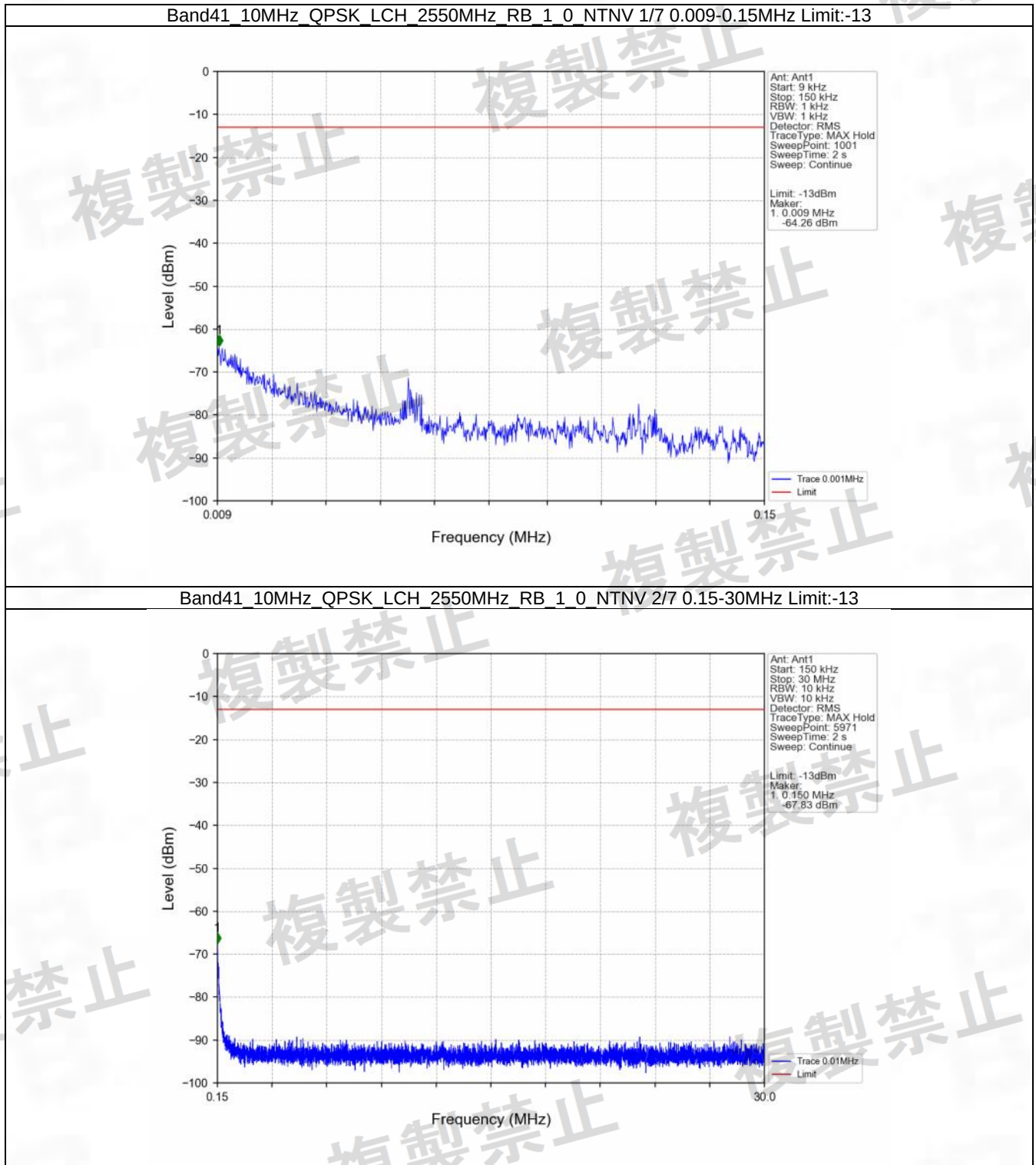
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV_4/7_1000-13500MHz_Limit:-13



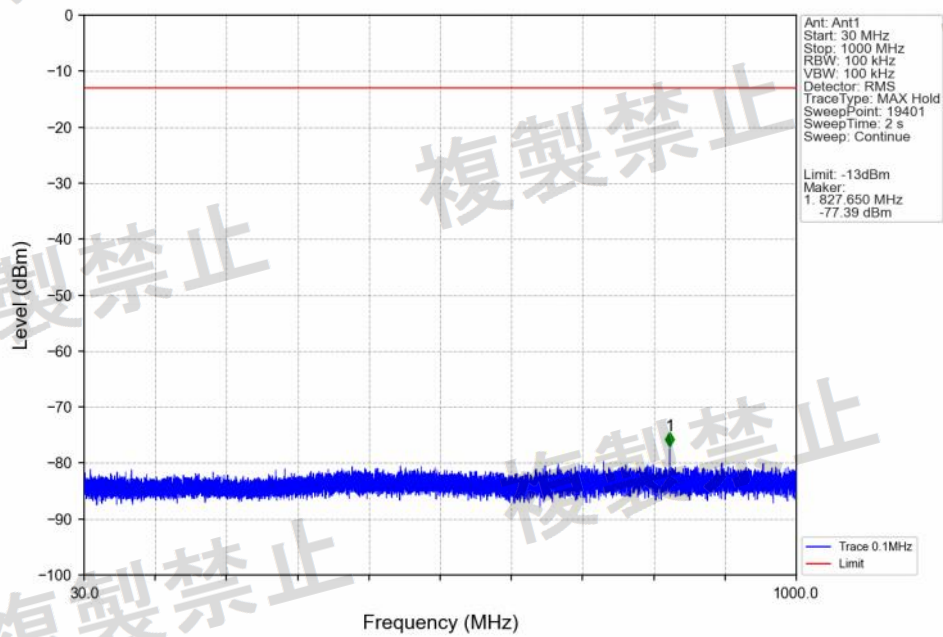




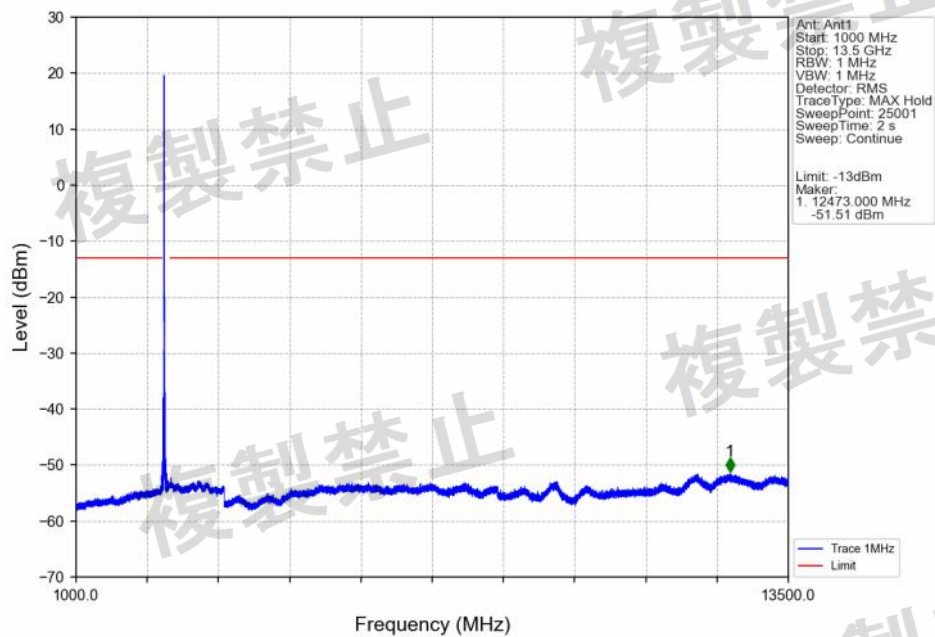
6.2.2 B41_10MHz



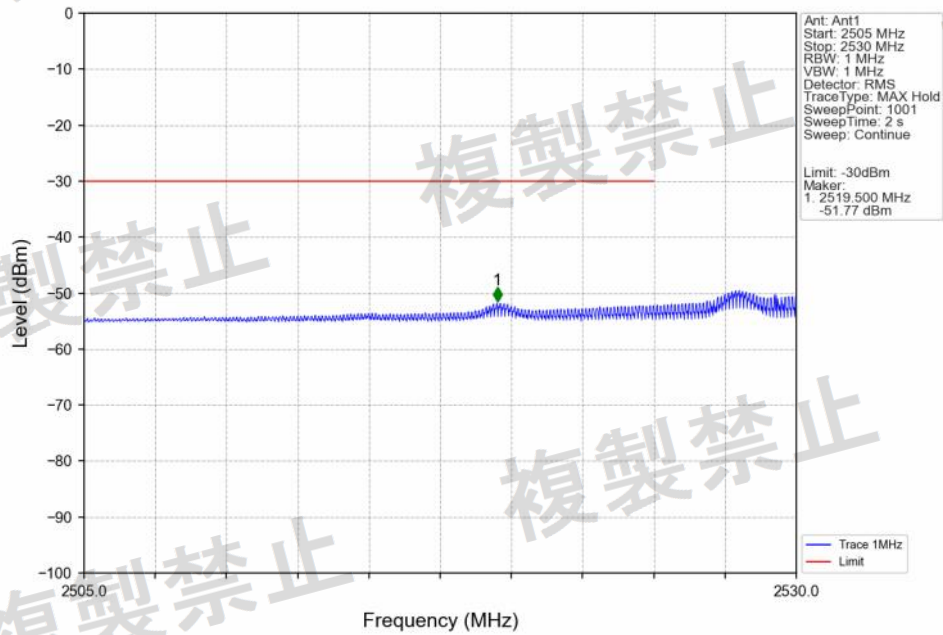
Band41_10MHz_QPSK_LCH_2550MHz_RB_1_0_NTNV_3/7_30-1000MHz Limit:-13



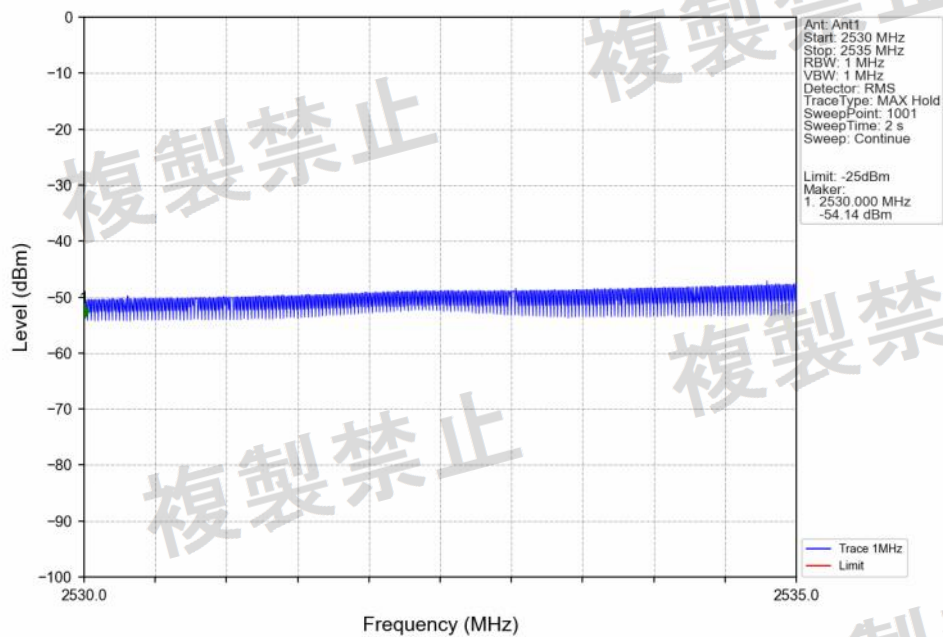
Band41_10MHz_QPSK_LCH_2550MHz_RB_1_0_NTNV_4/7_1000-13500MHz Limit:-13



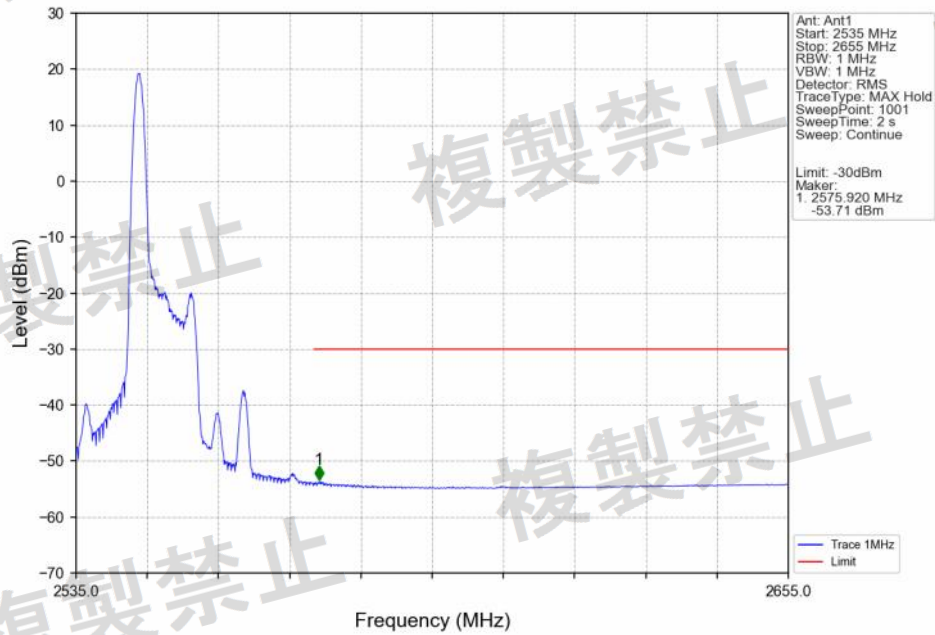
Band41 10MHz QPSK LCH 2550MHz RB 1 0 NTN 5/7 2505-2530MHz Limit:-30



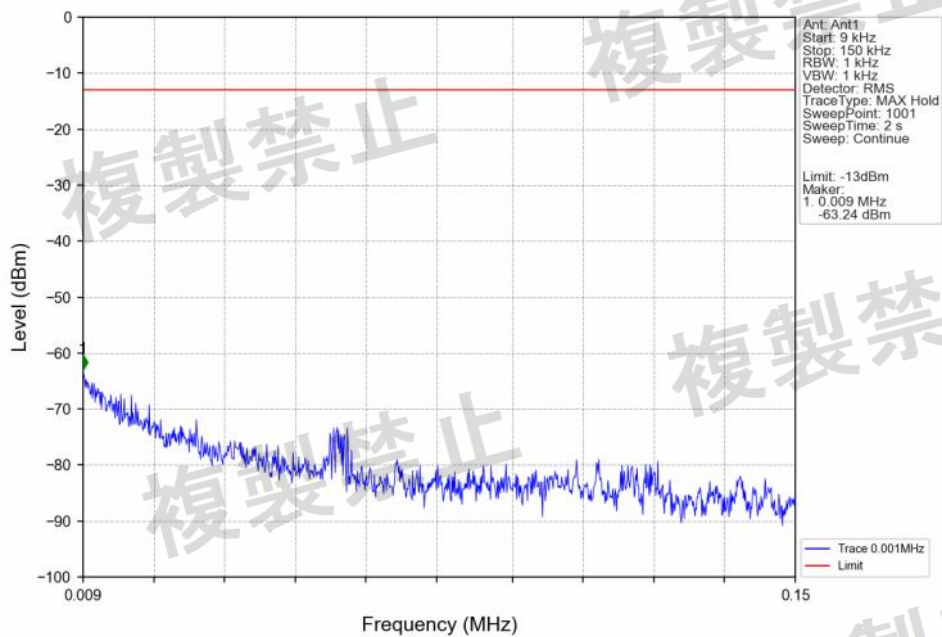
Band41 10MHz QPSK LCH 2550MHz RB 1 0 NTN 6/7 2530-2535MHz Limit:-25

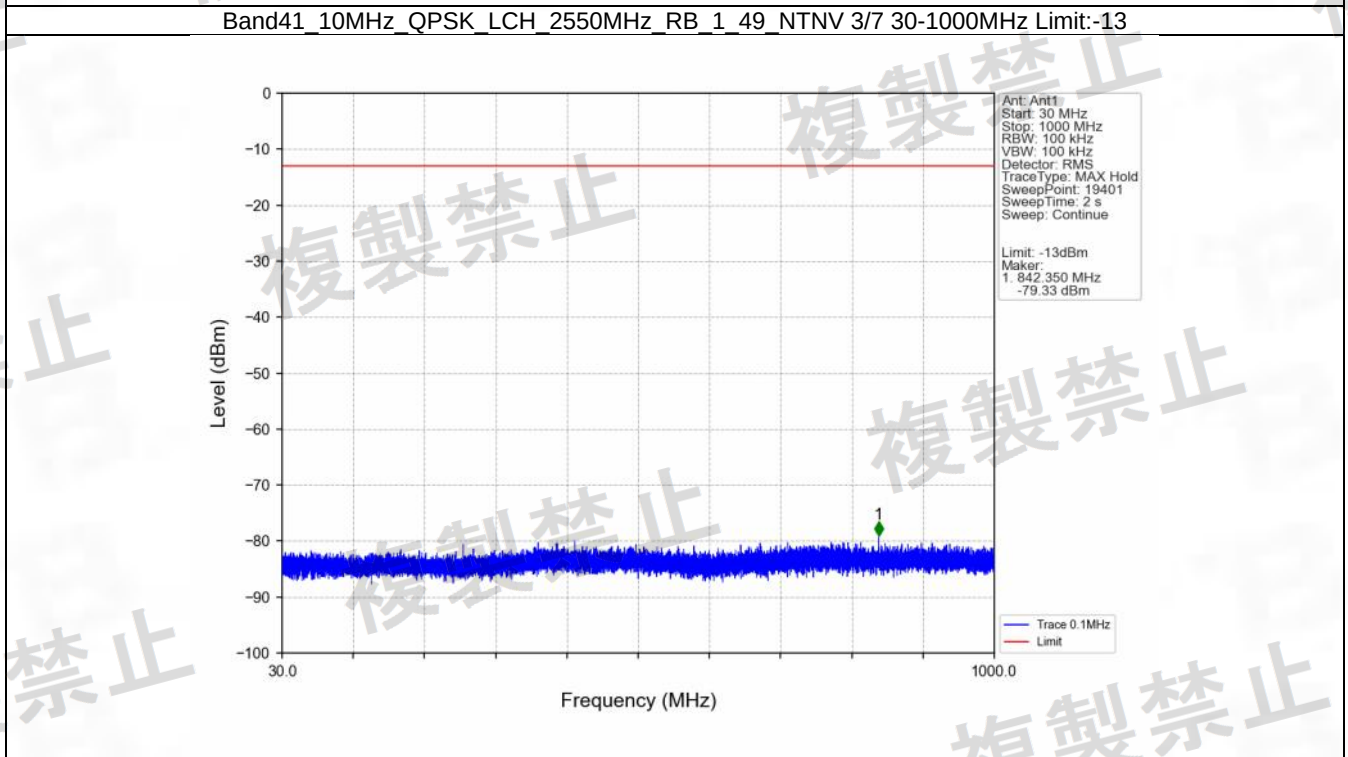
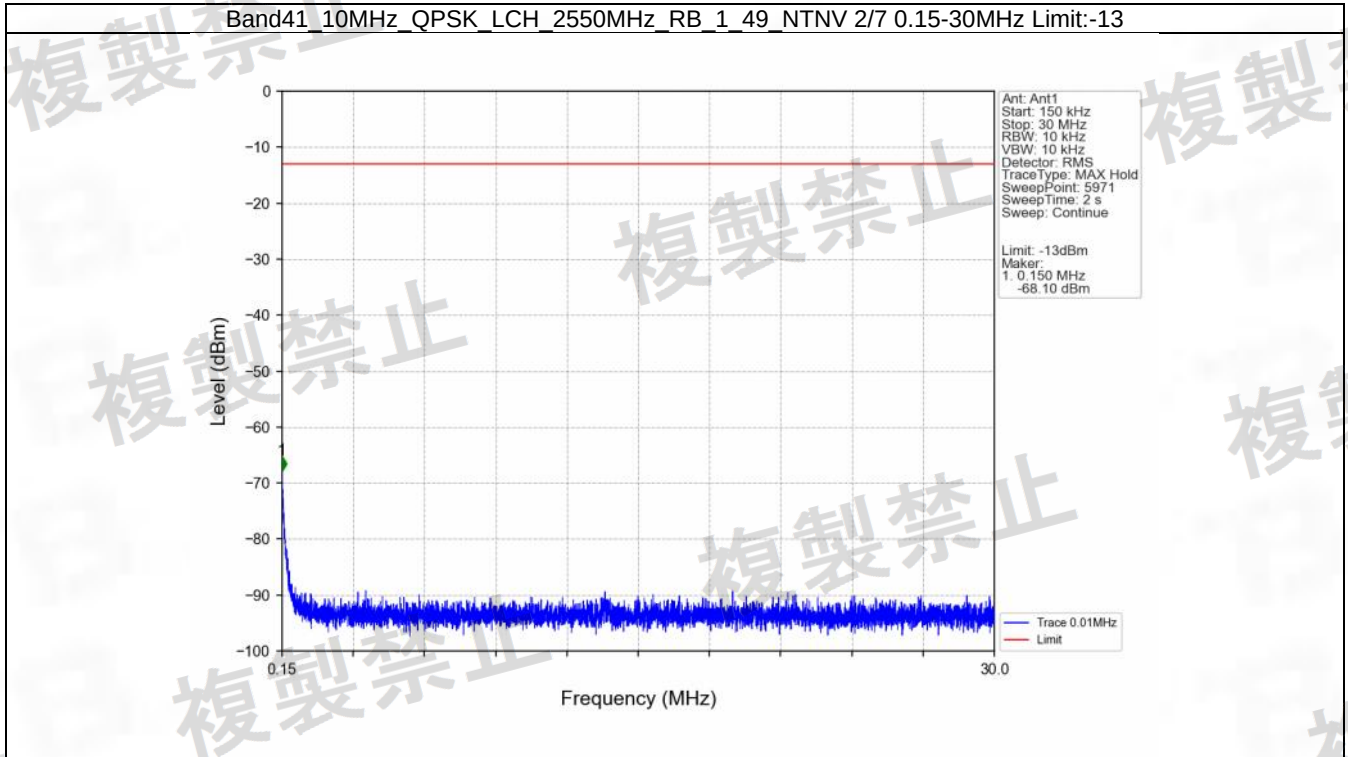


Band41 10MHz QPSK LCH 2550MHz RB 1 0 NTNV 7/7 2535-2655MHz Limit:-30

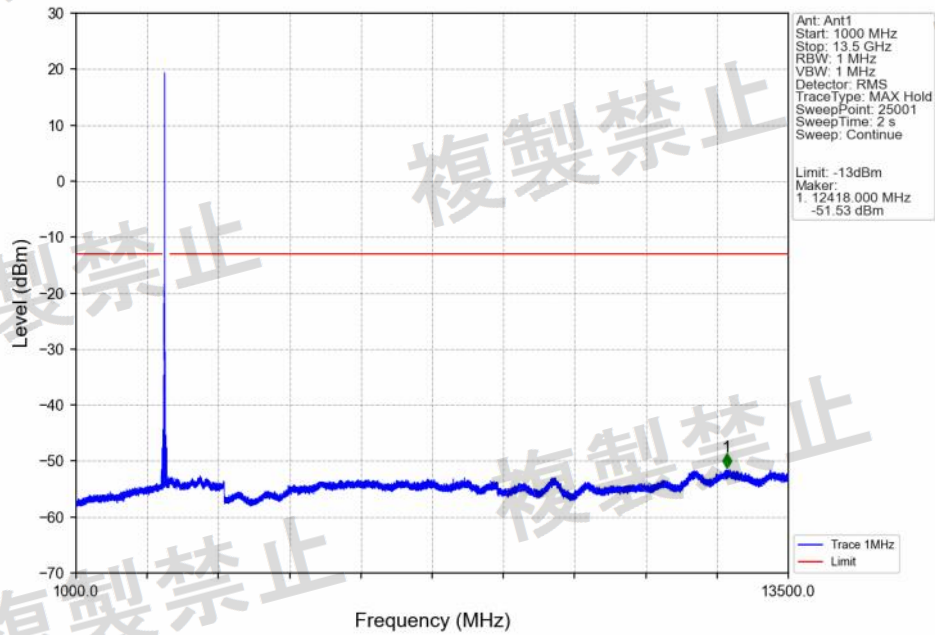


Band41 10MHz QPSK LCH 2550MHz RB 1 49 NTNV 1/7 0.009-0.15MHz Limit:-13

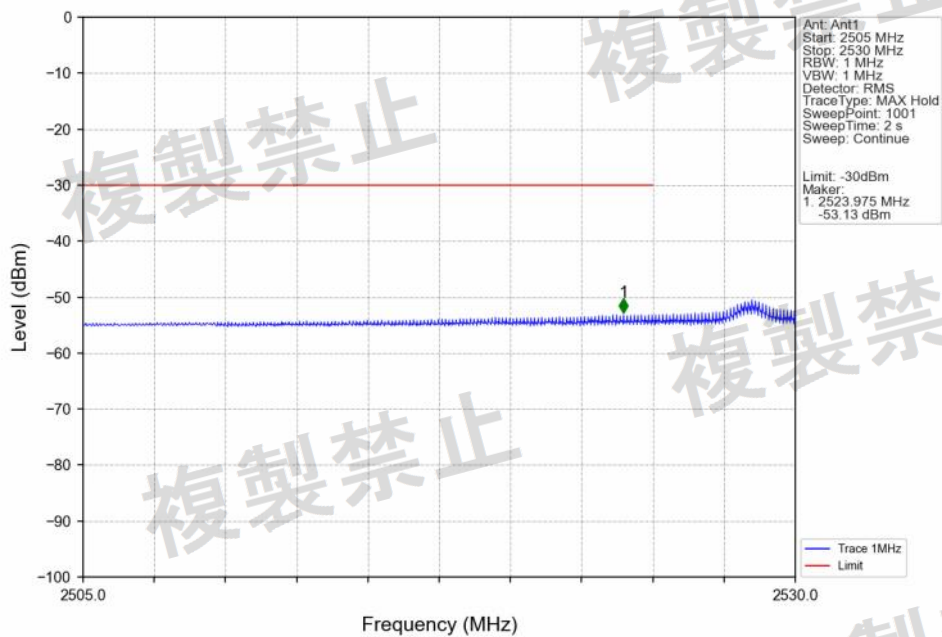


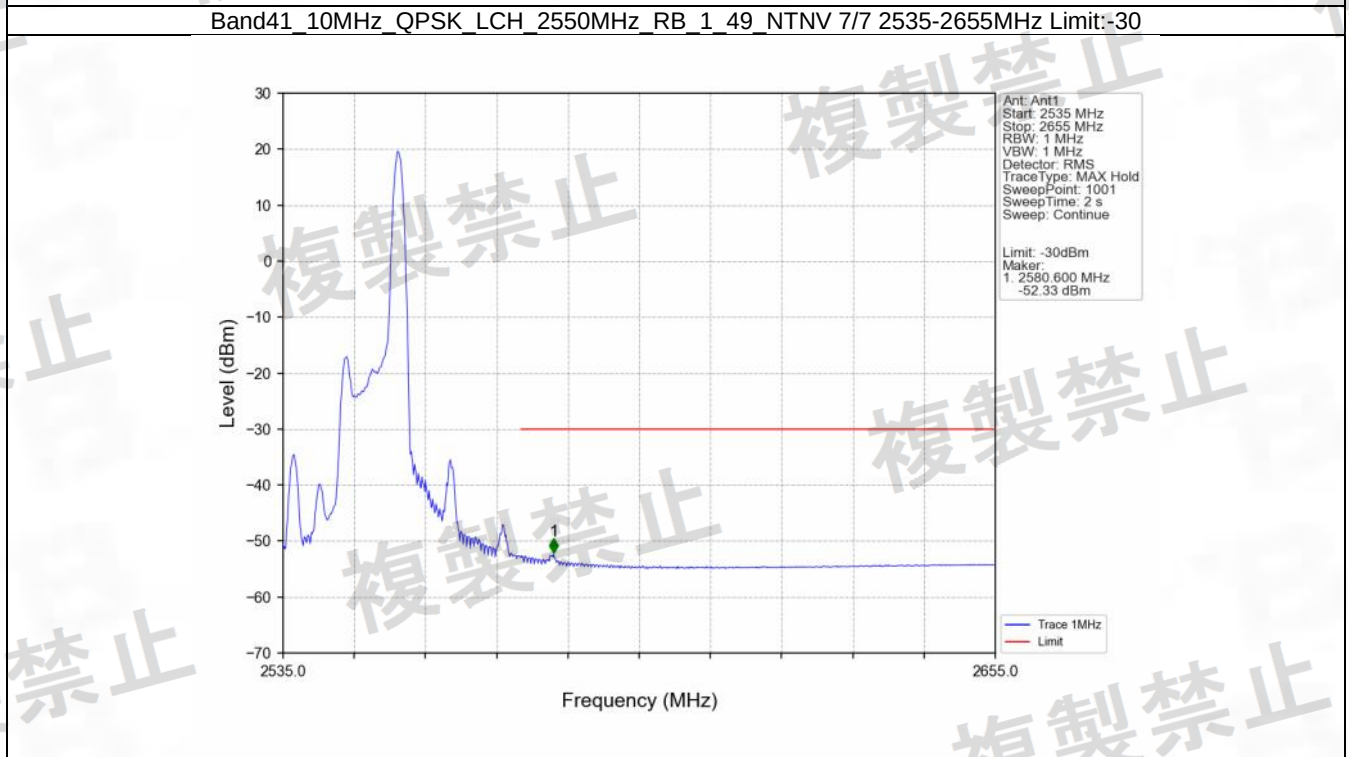
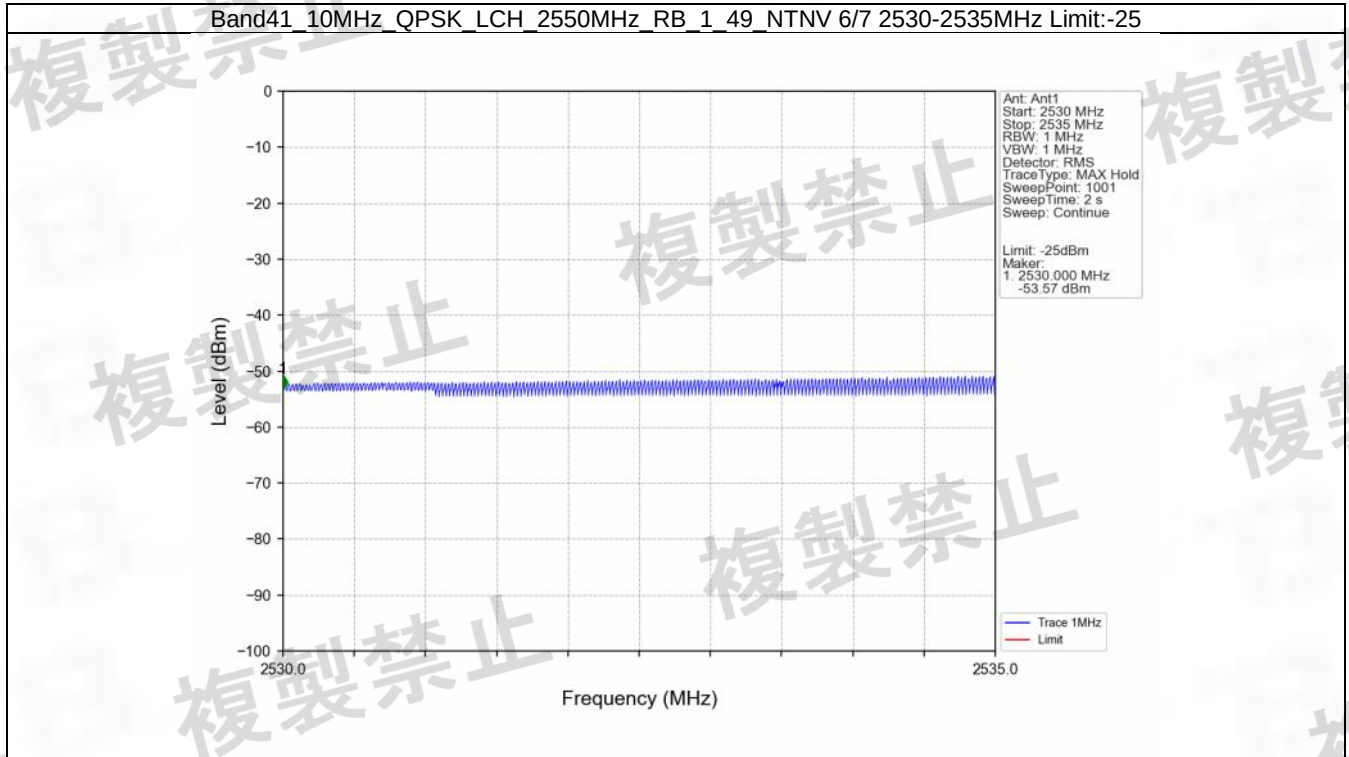


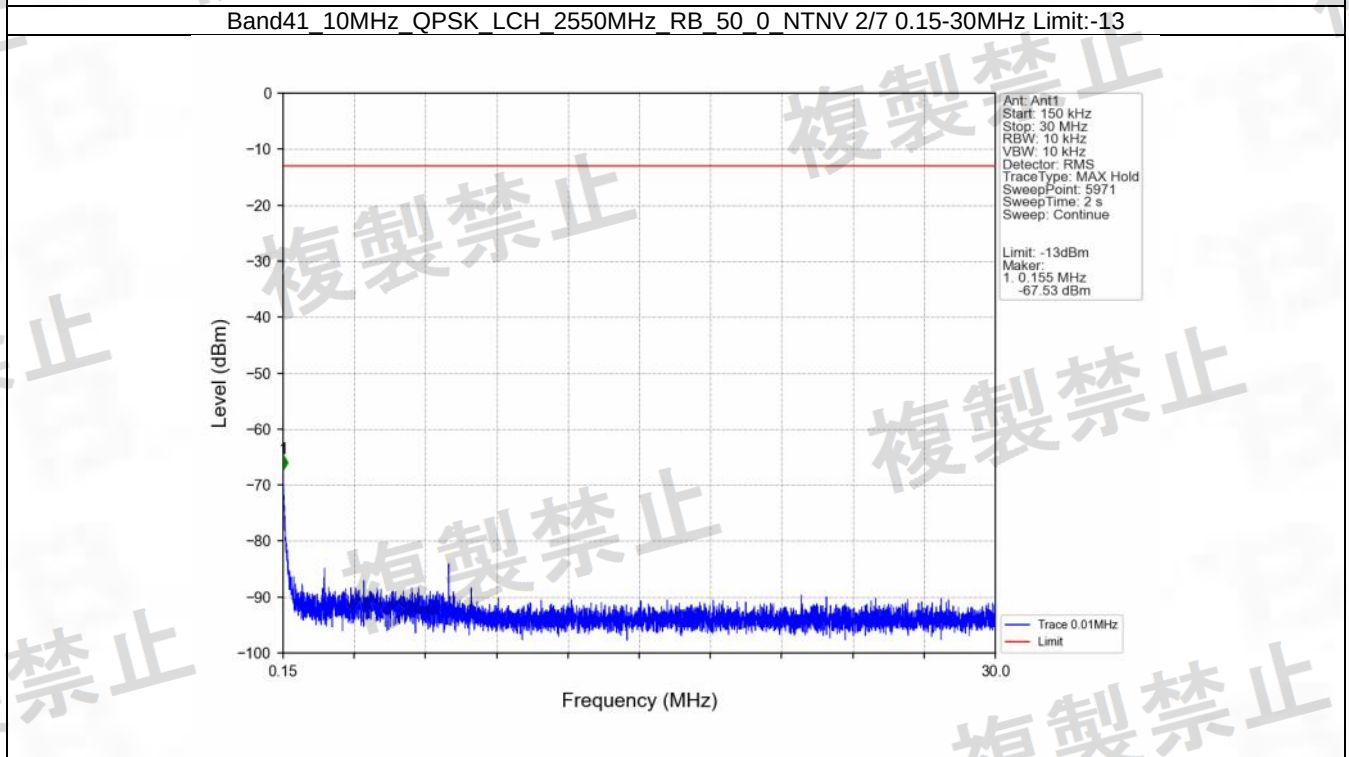
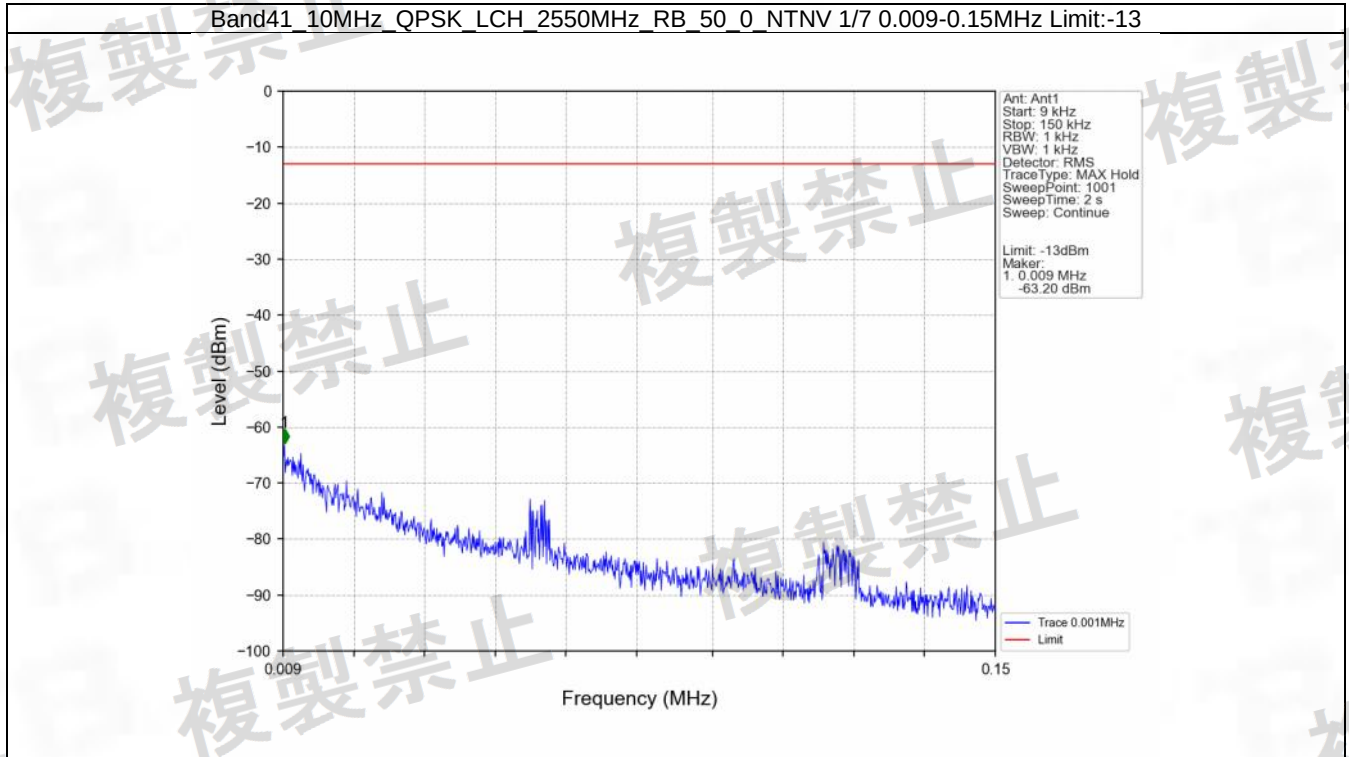
Band41 10MHz QPSK LCH 2550MHz RB 1 49 NTNV 4/7 1000-13500MHz Limit:-13



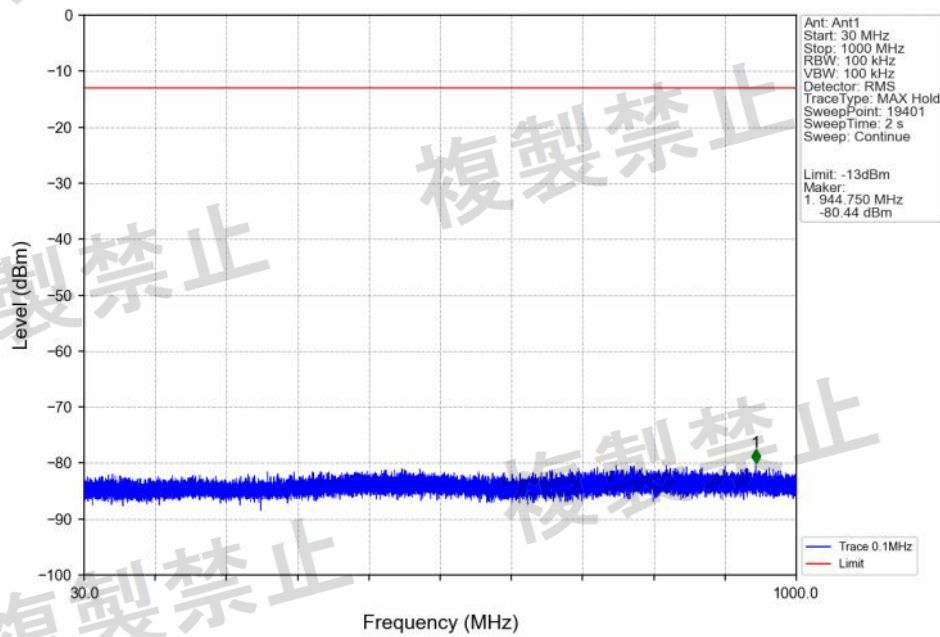
Band41 10MHz QPSK LCH 2550MHz RB 1 49 NTNV 5/7 2505-2530MHz Limit:-30



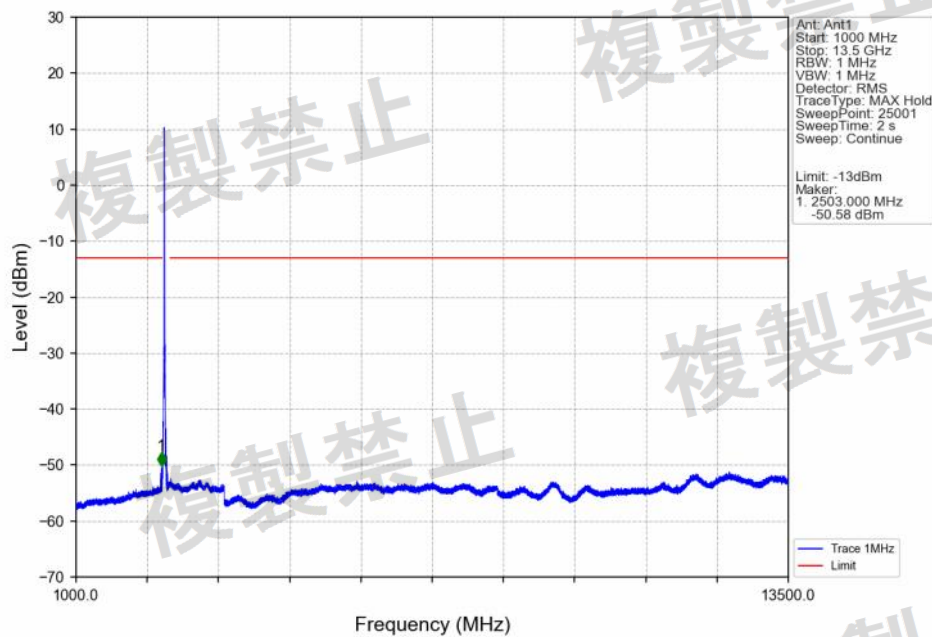




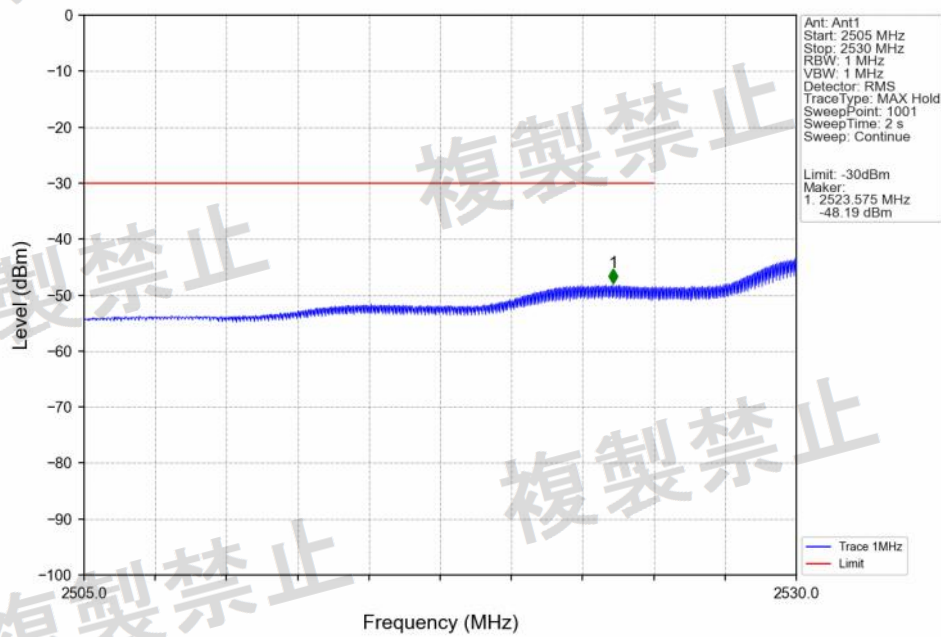
Band41_10MHz_QPSK_LCH_2550MHz_RB_50_0_NTNV 3/7 30-1000MHz Limit:-13



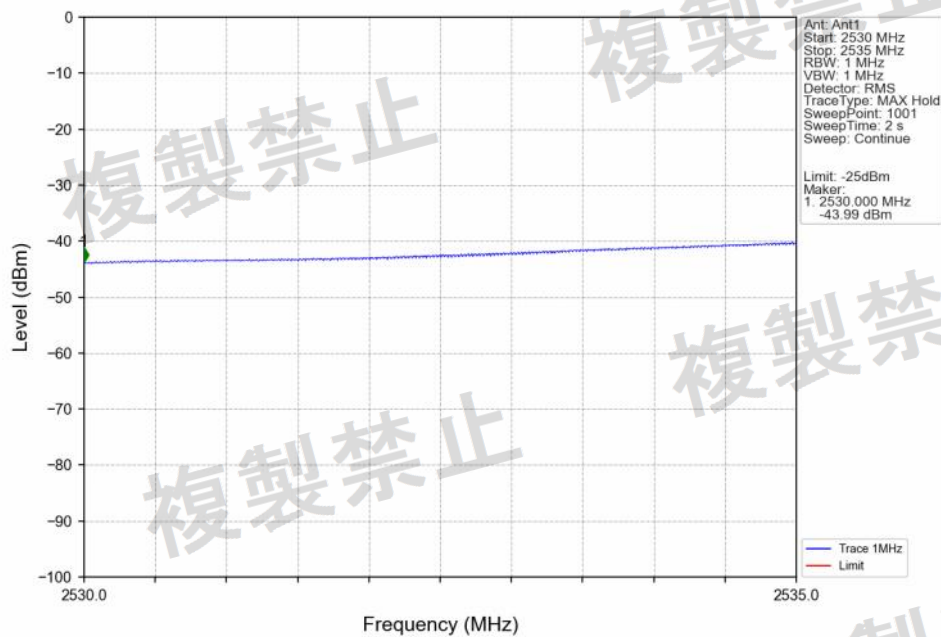
Band41_10MHz_QPSK_LCH_2550MHz_RB_50_0_NTNV 4/7 1000-13500MHz Limit:-13

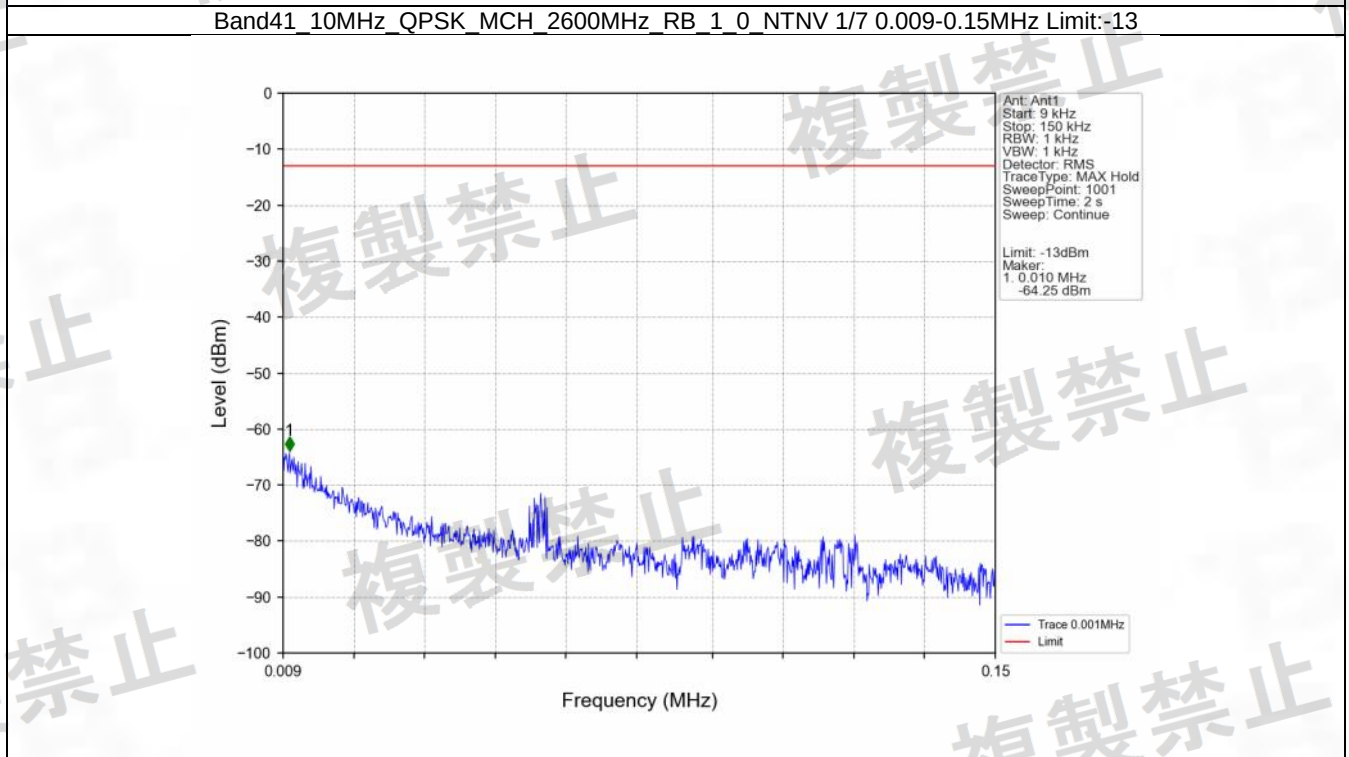
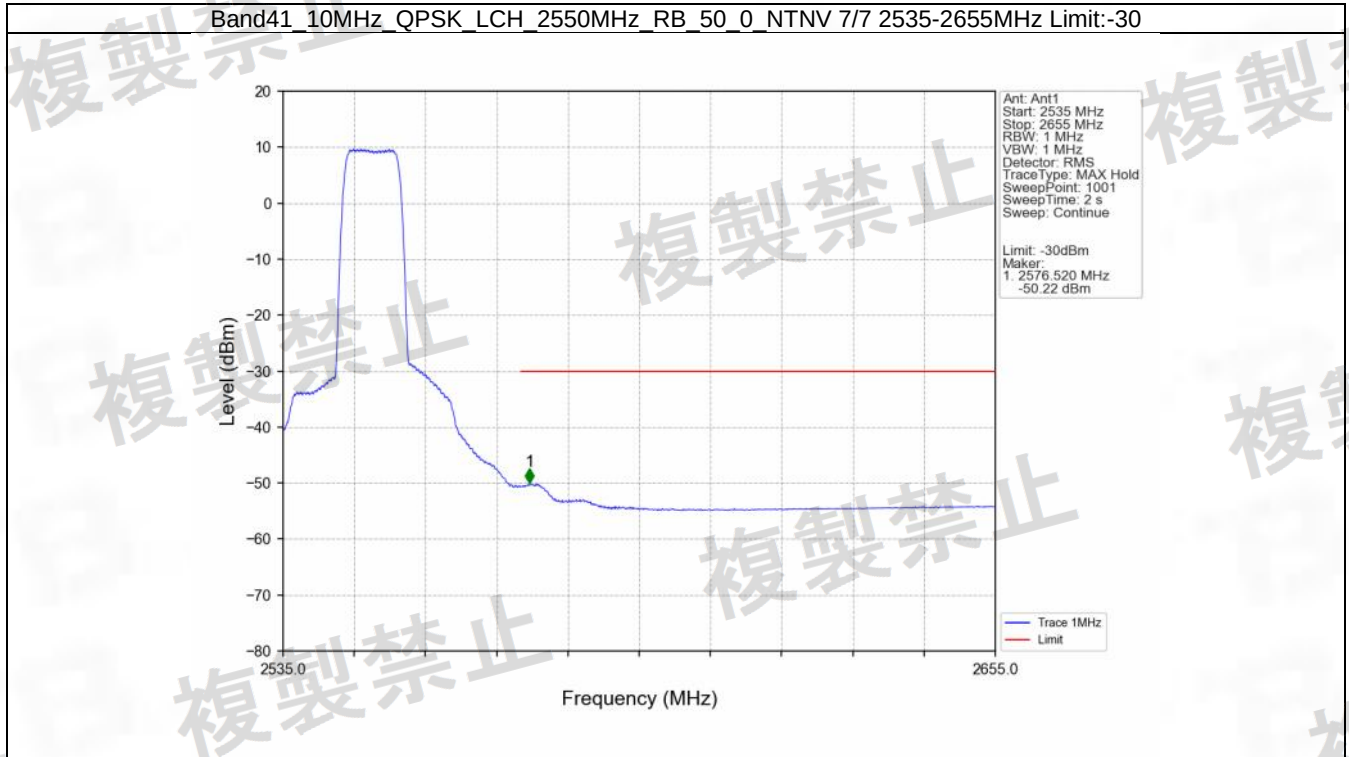


Band41 10MHz QPSK LCH 2550MHz RB 50 0 NTV 5/7 2505-2530MHz Limit:-30

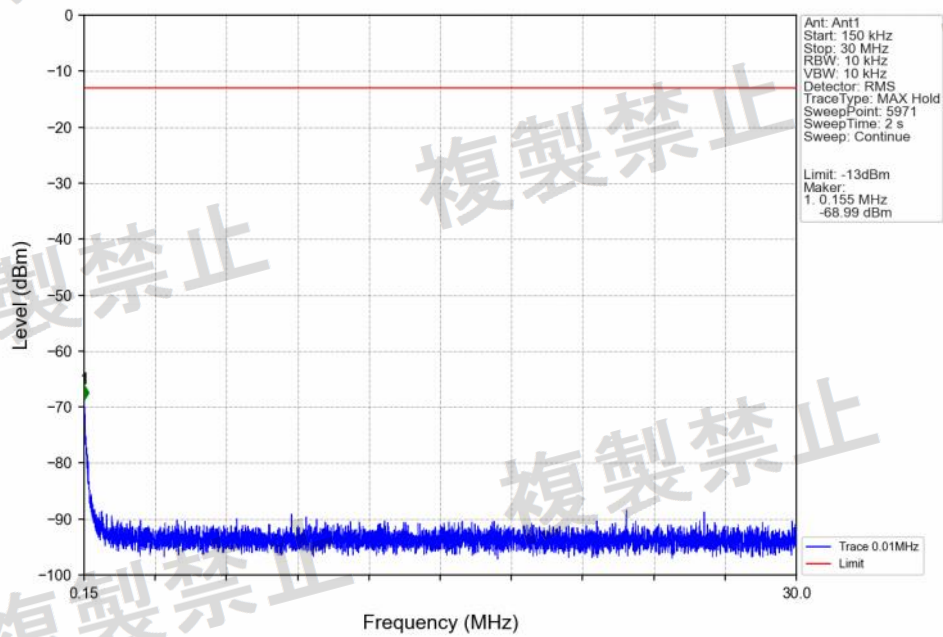


Band41 10MHz QPSK LCH 2550MHz RB 50 0 NTV 6/7 2530-2535MHz Limit:-25

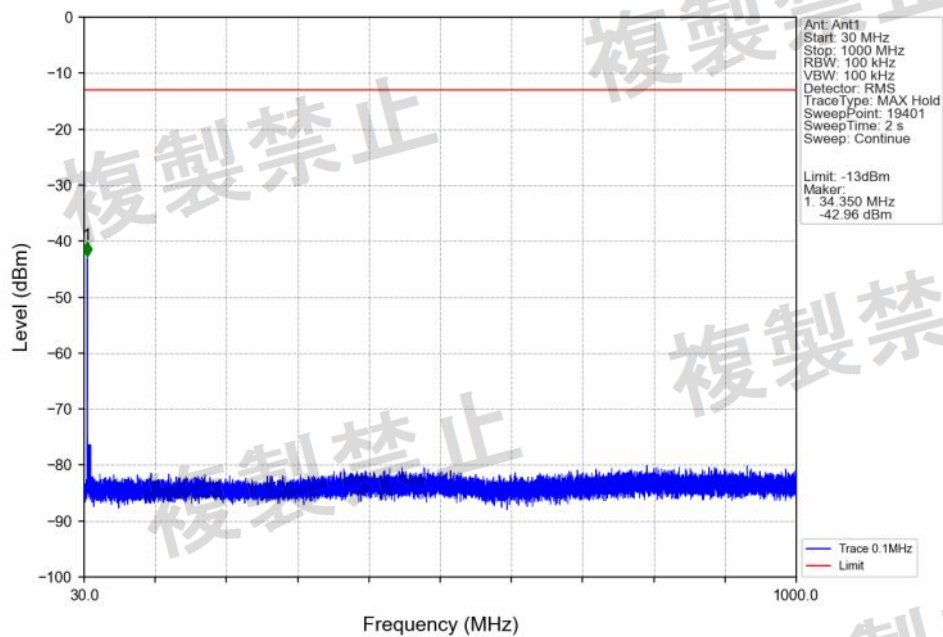


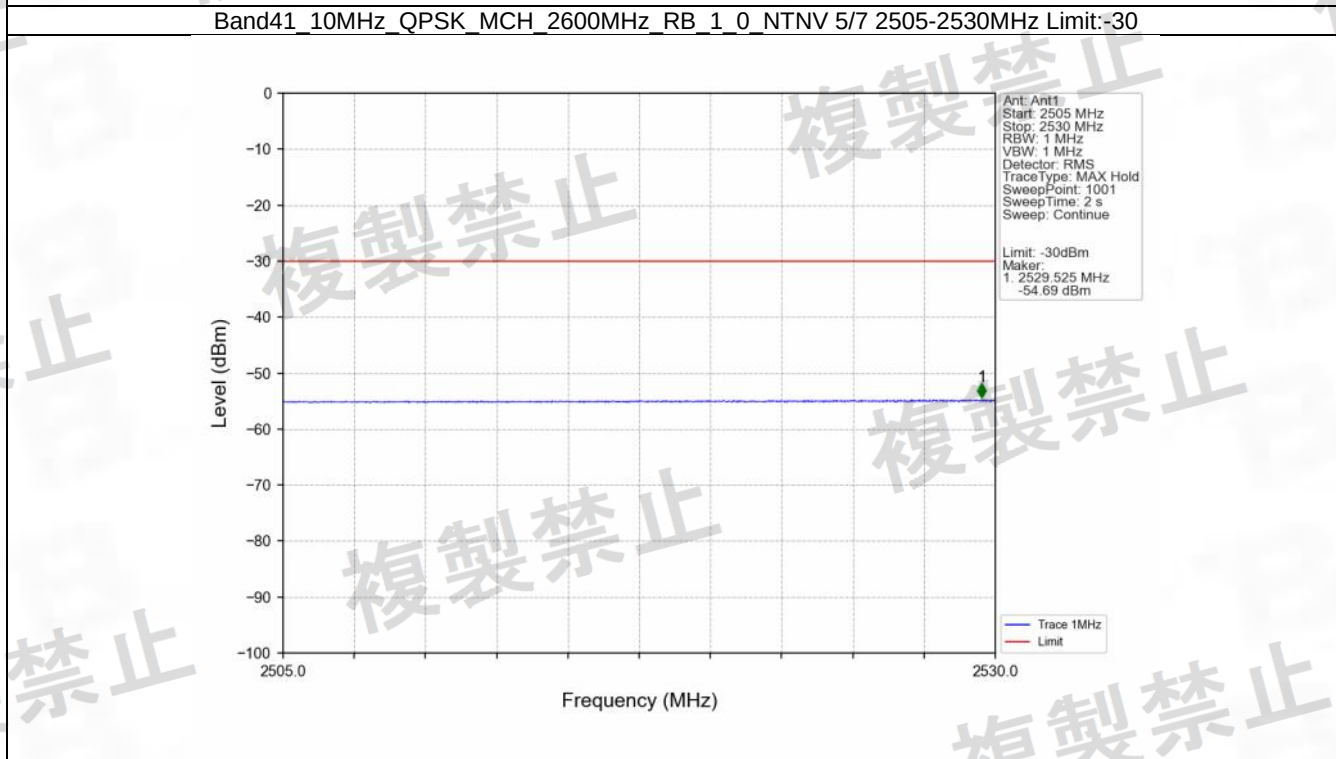
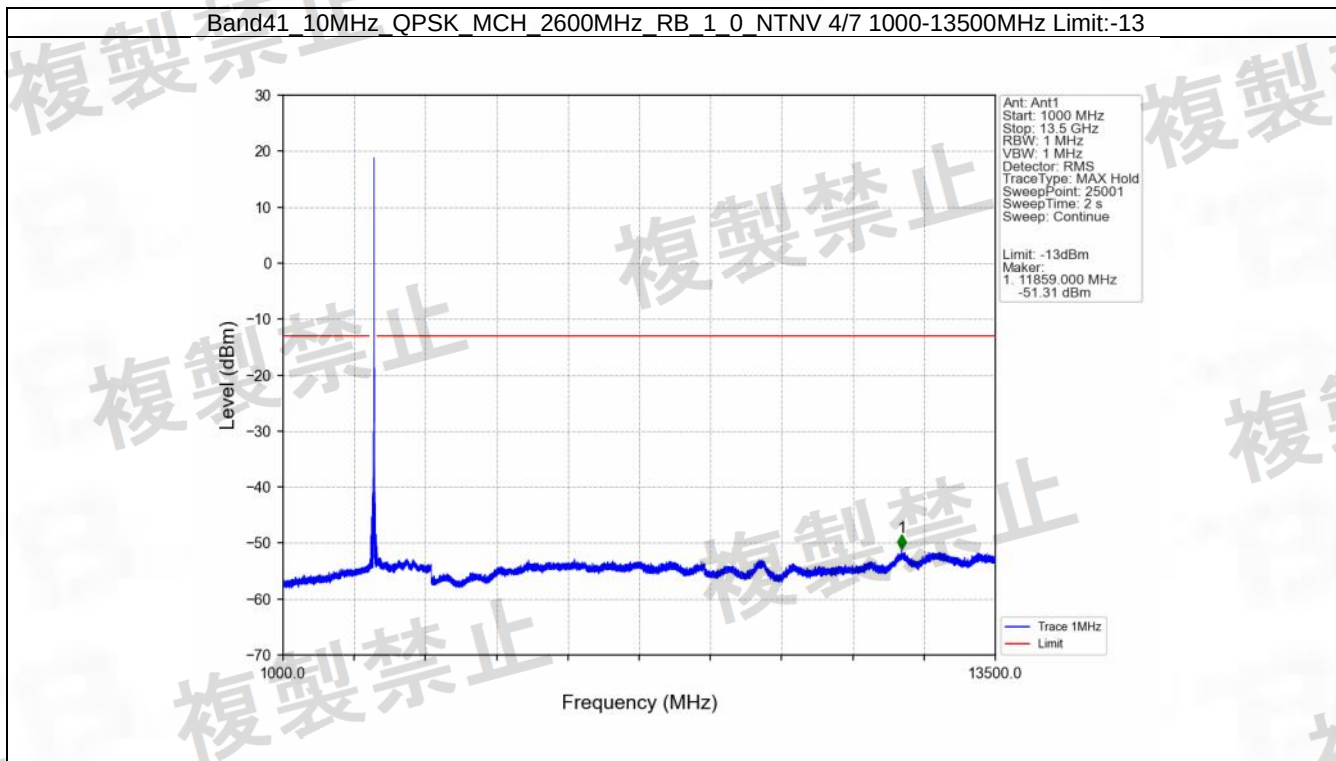


Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV 2/7 0.15-30MHz Limit:-13

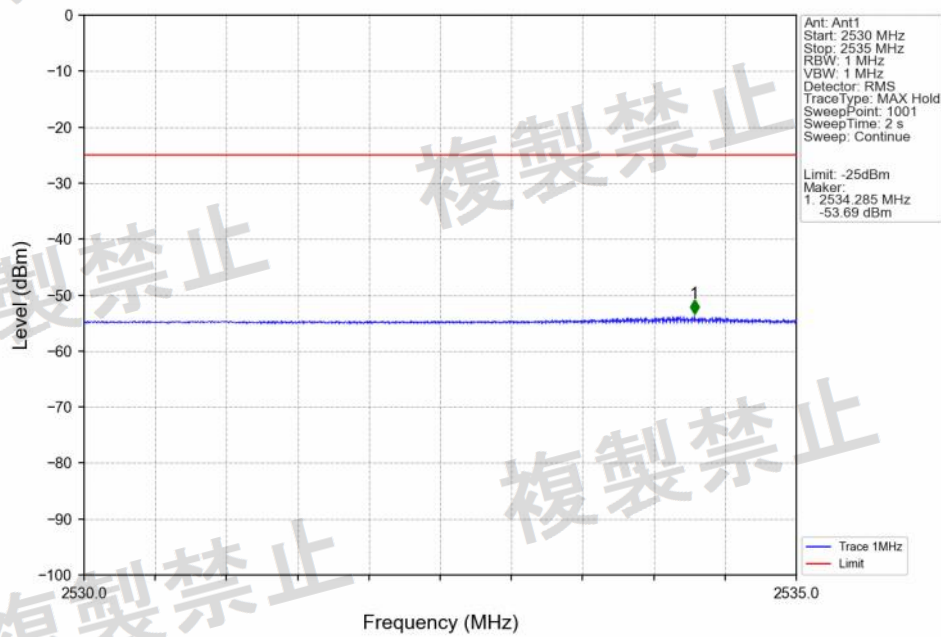


Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV 3/7 30-1000MHz Limit:-13

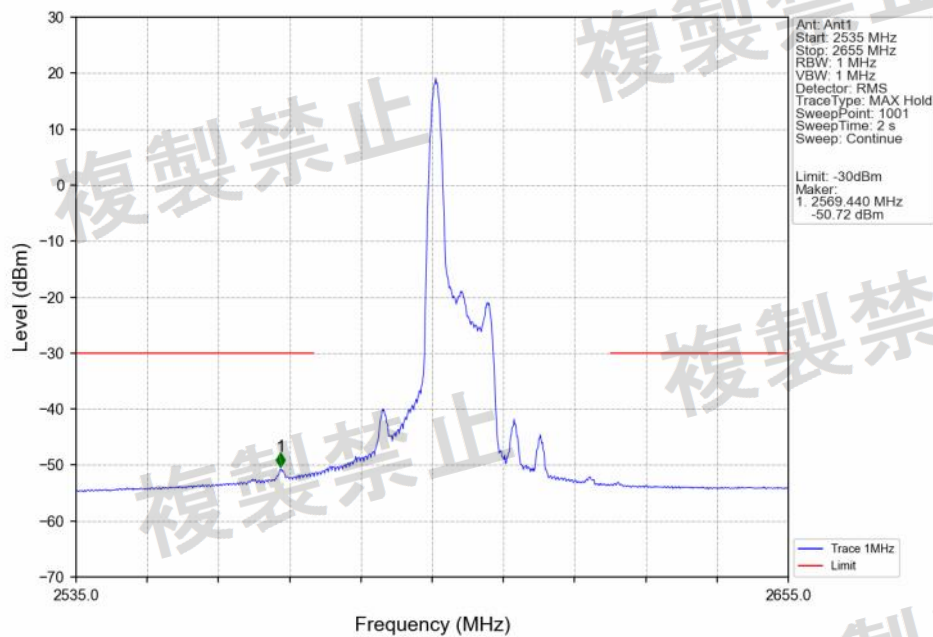


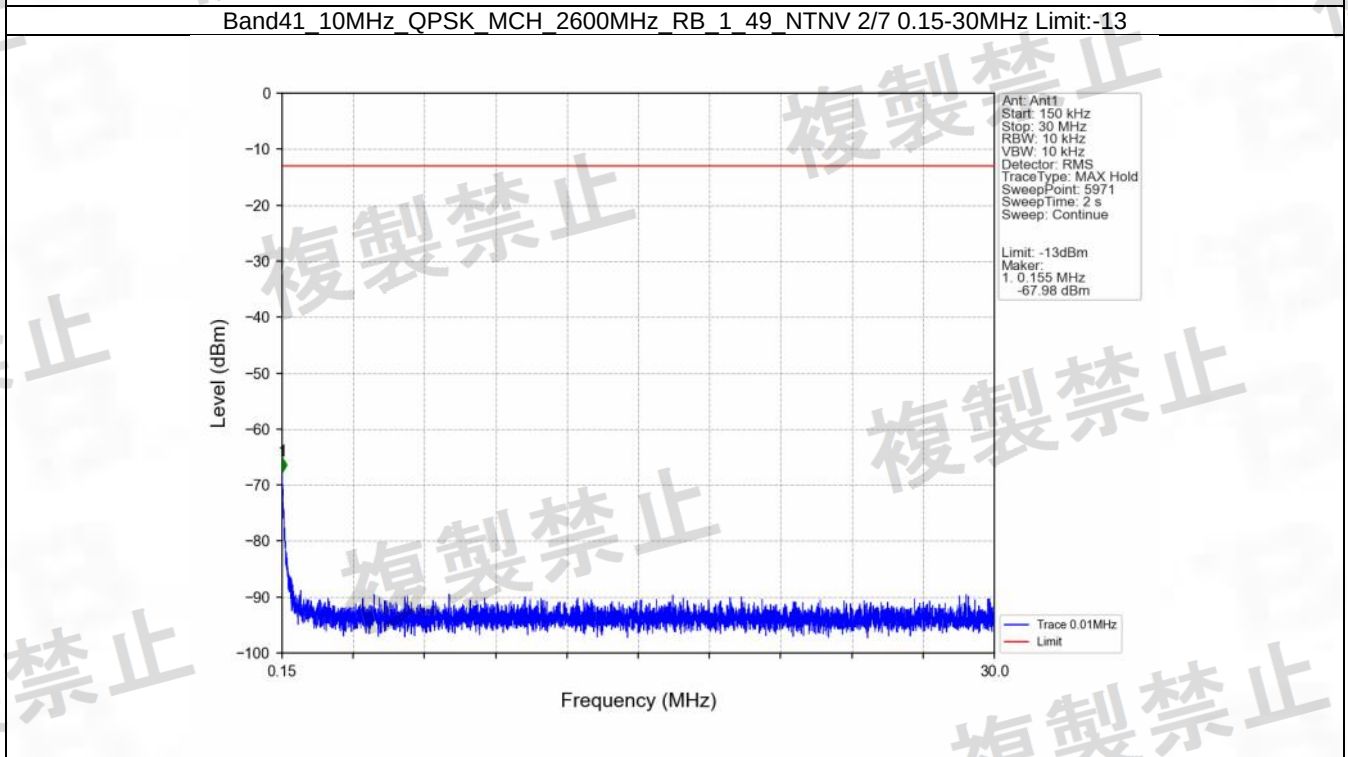
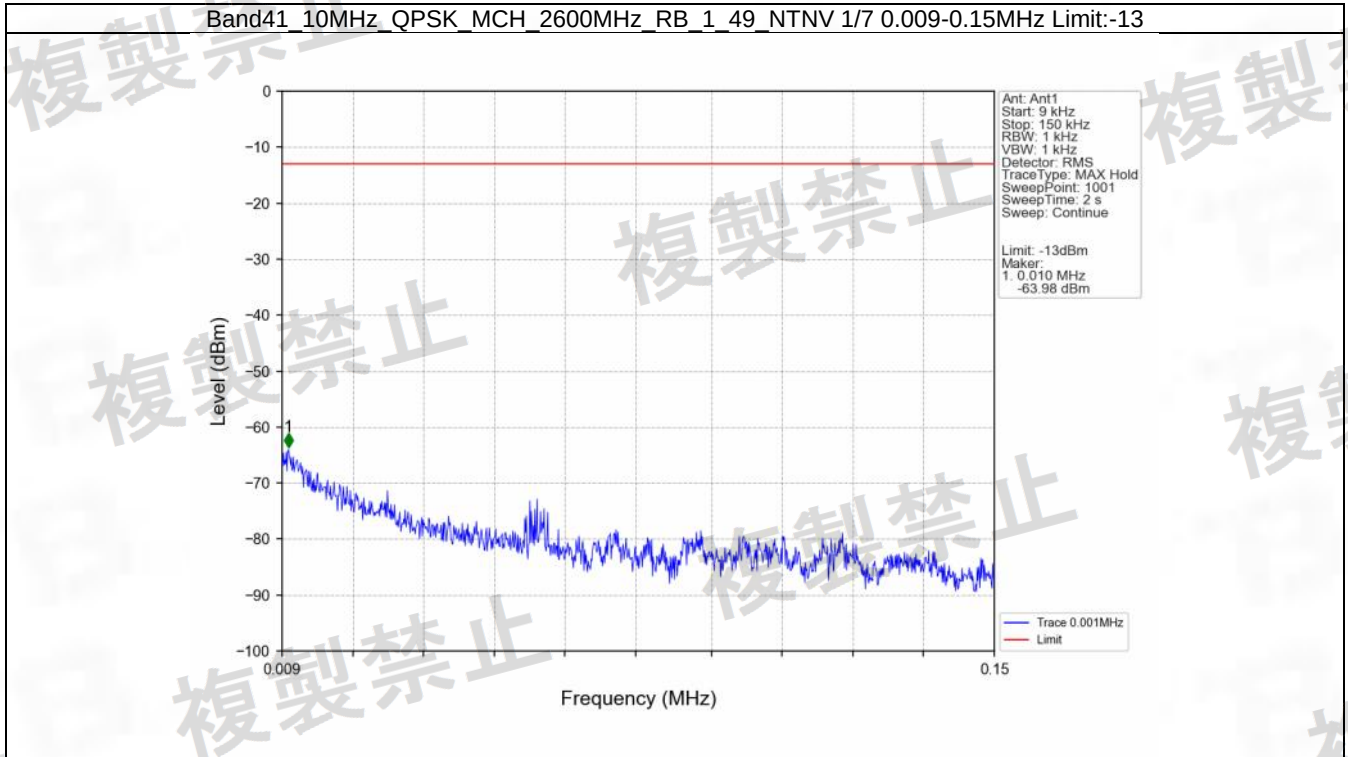


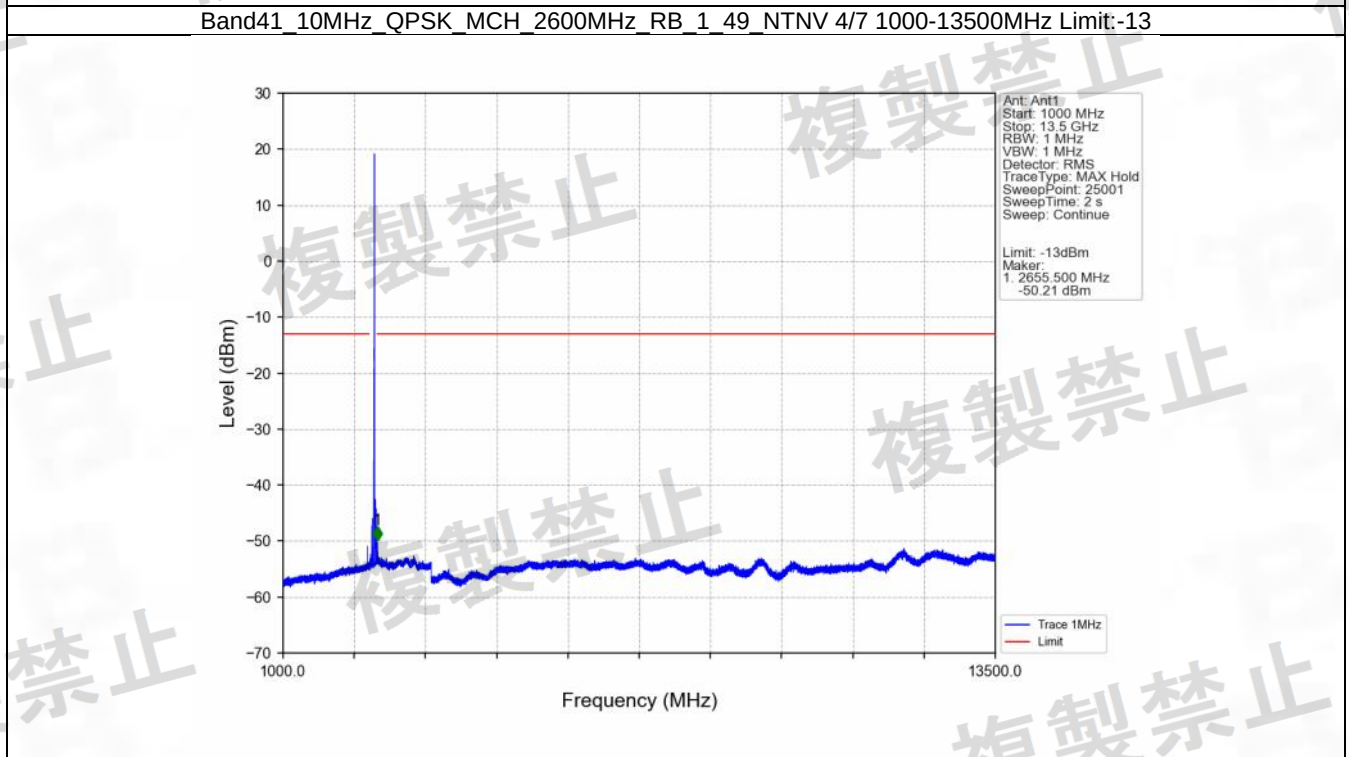
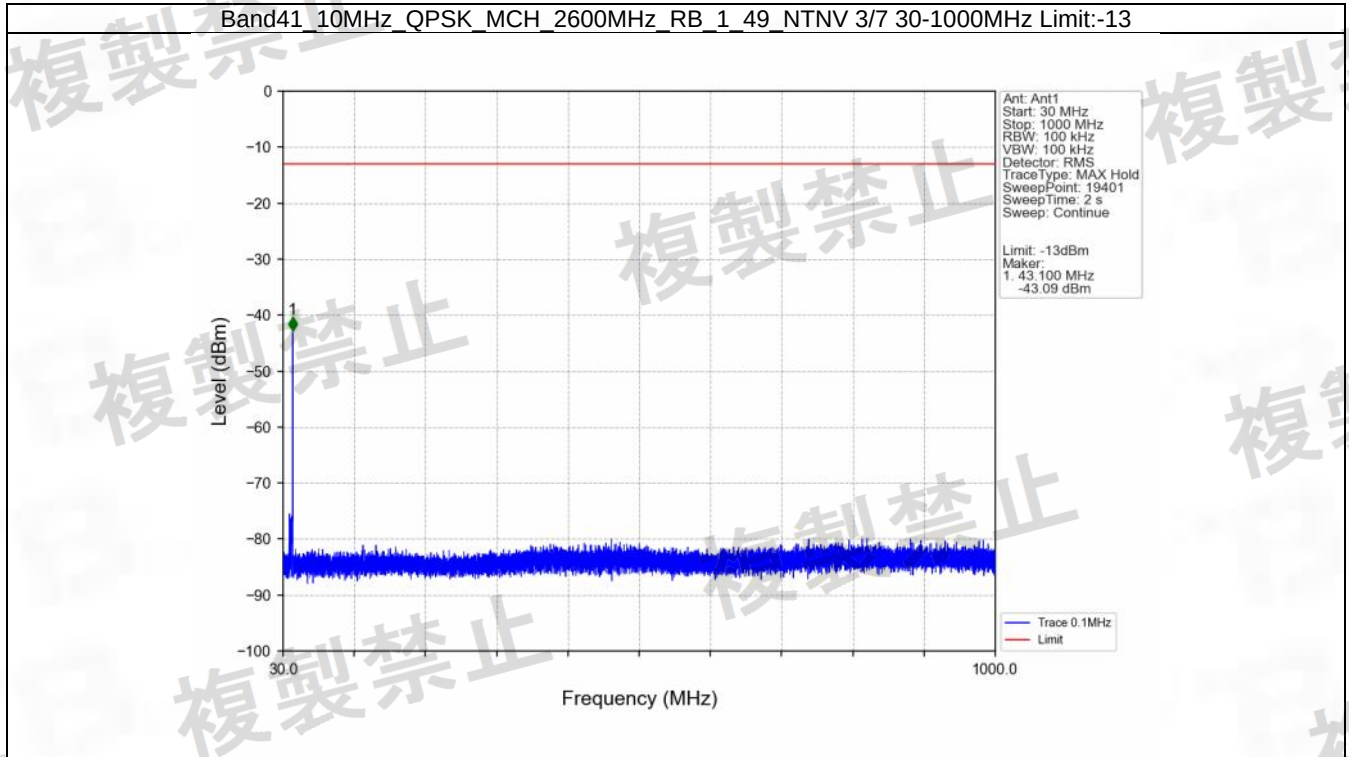
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV 6/7 2530-2535MHz Limit:-25

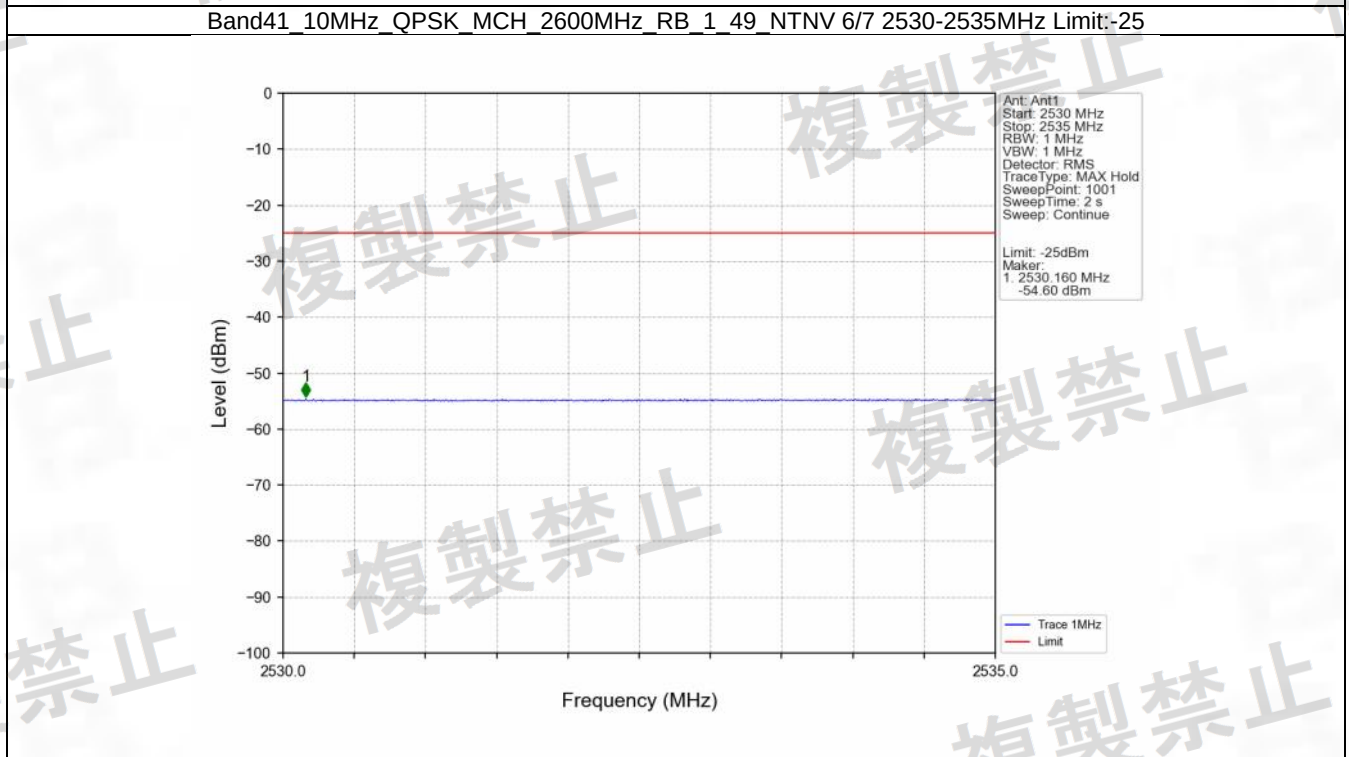
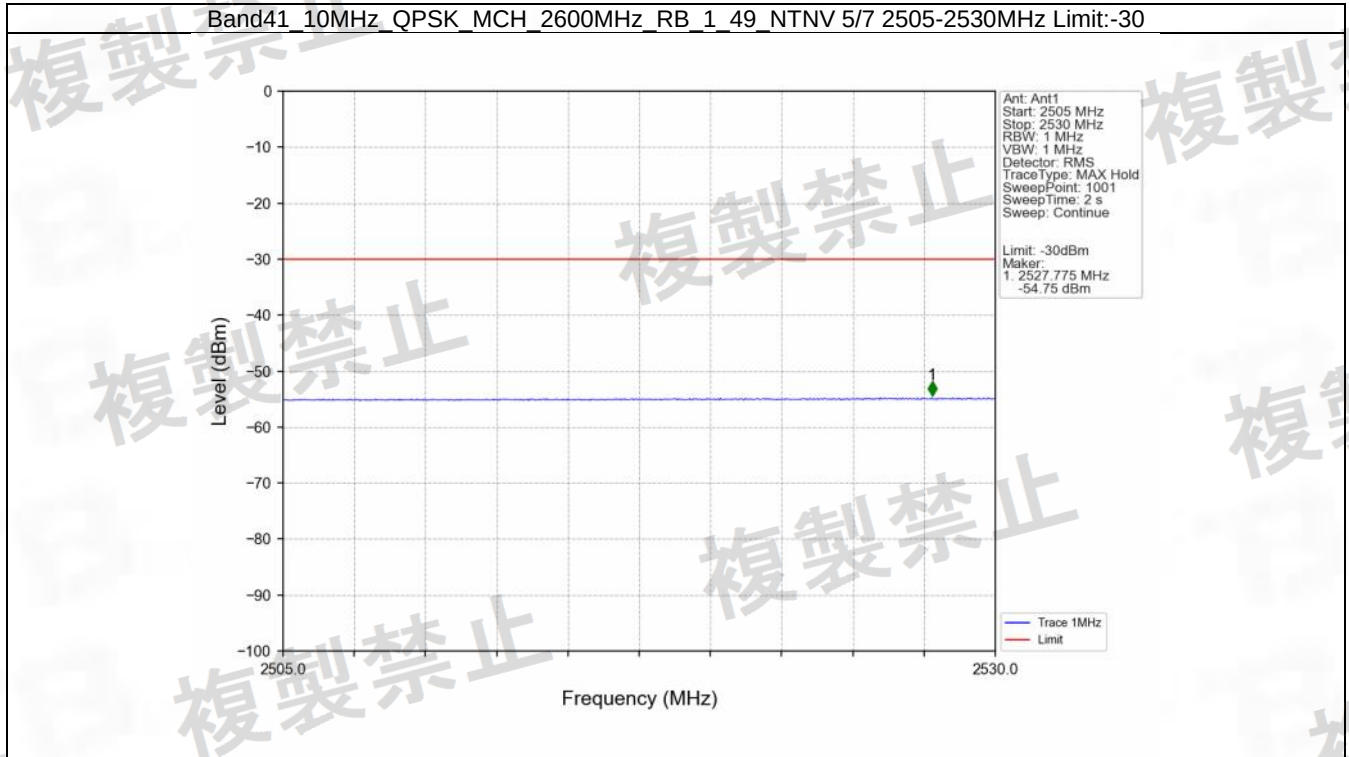


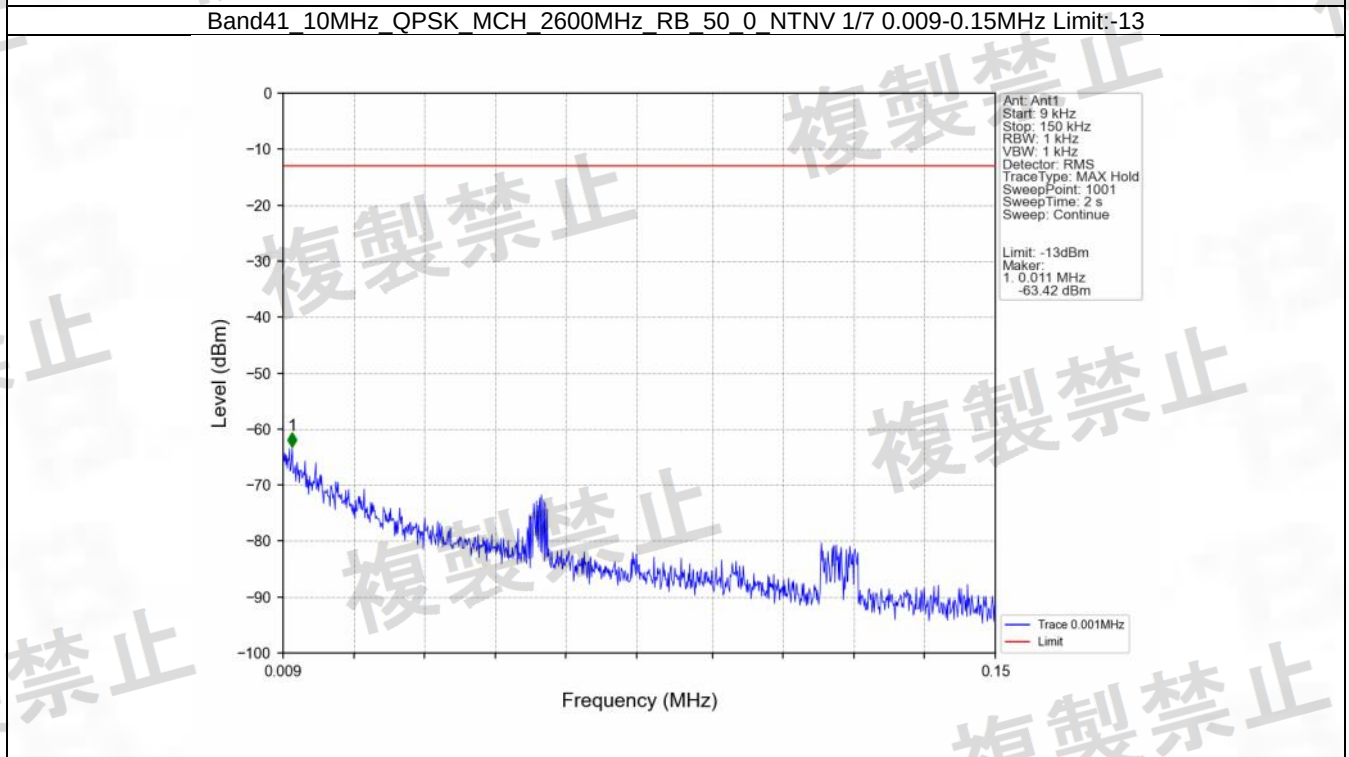
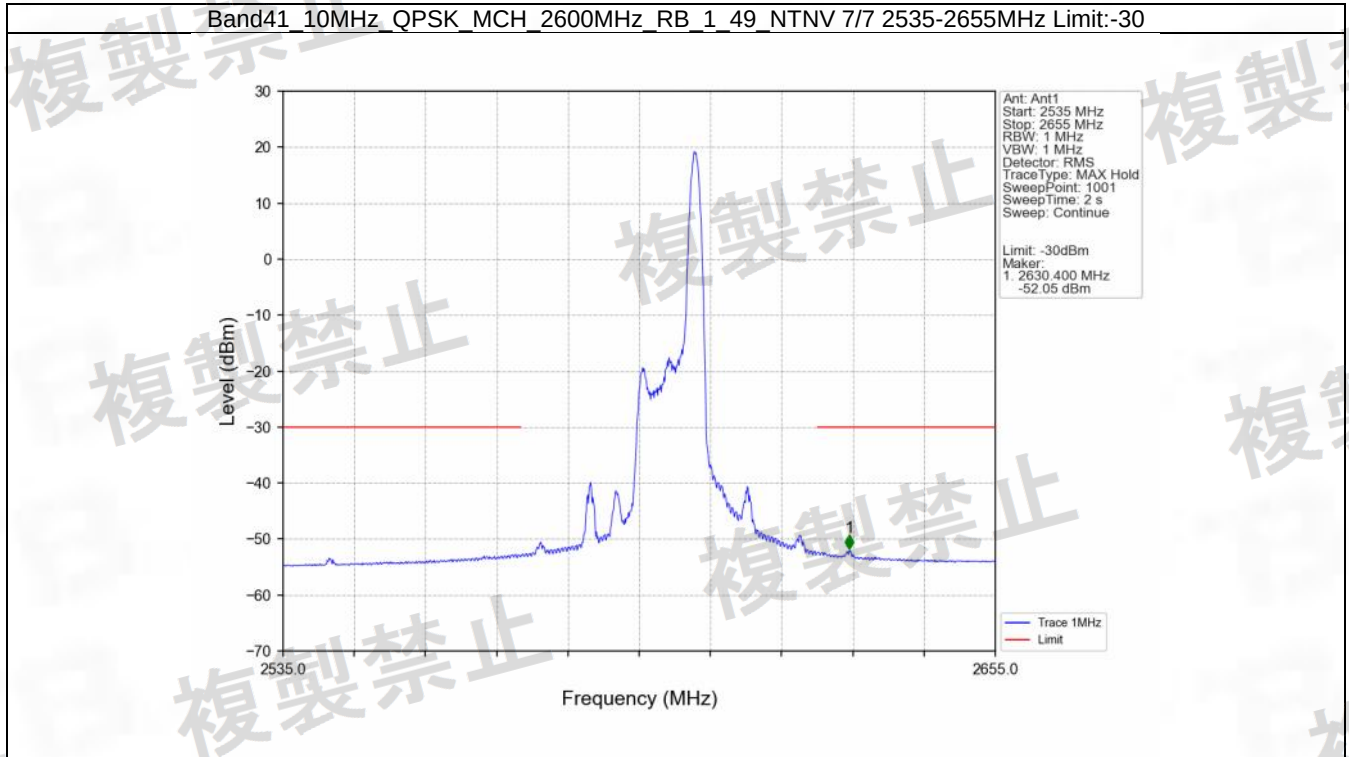
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV 7/7 2535-2655MHz Limit:-30

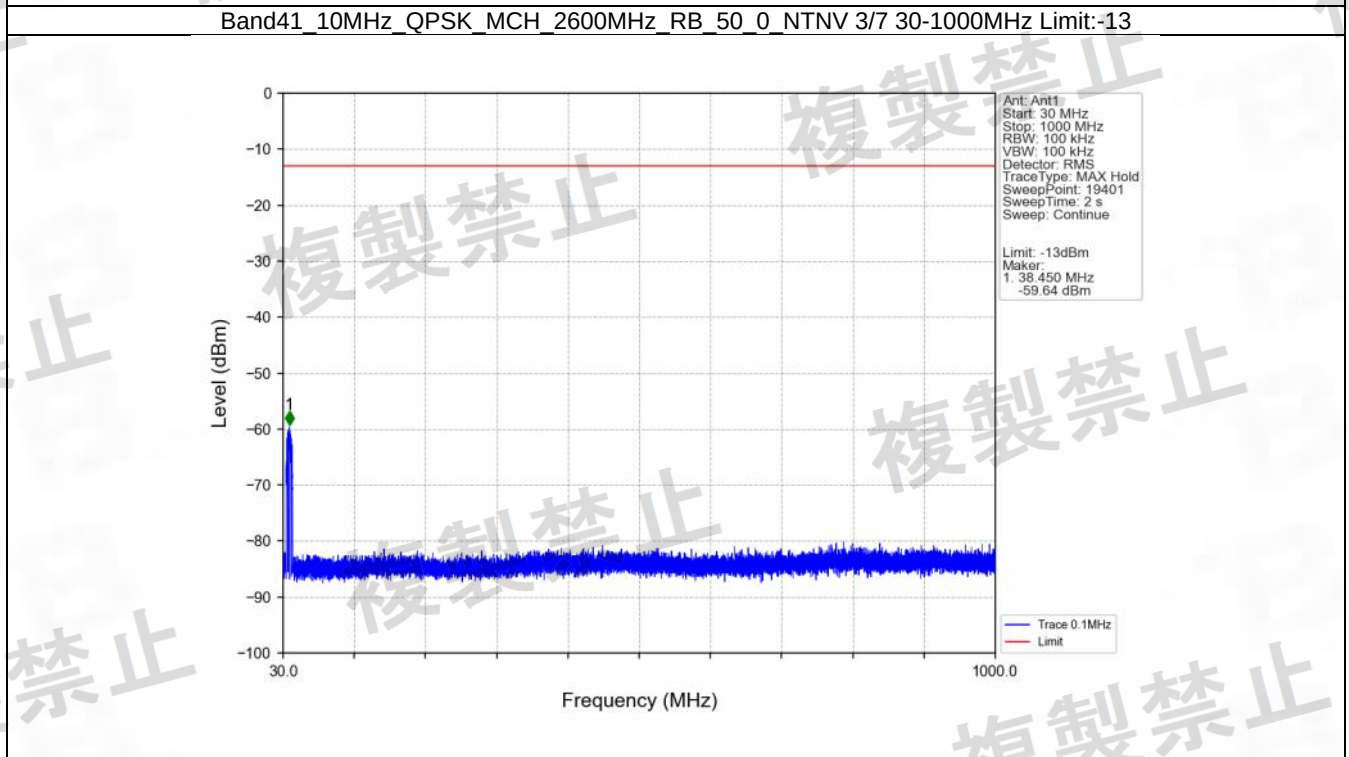
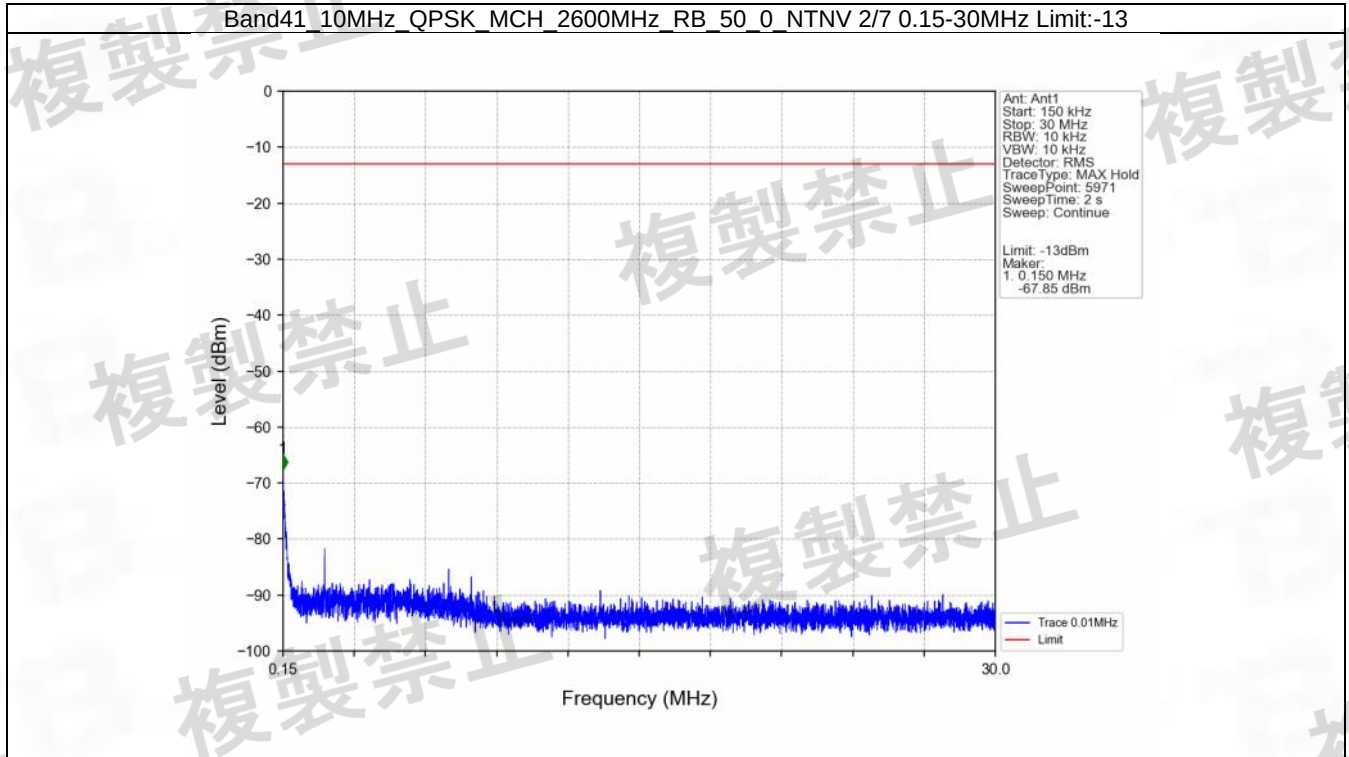




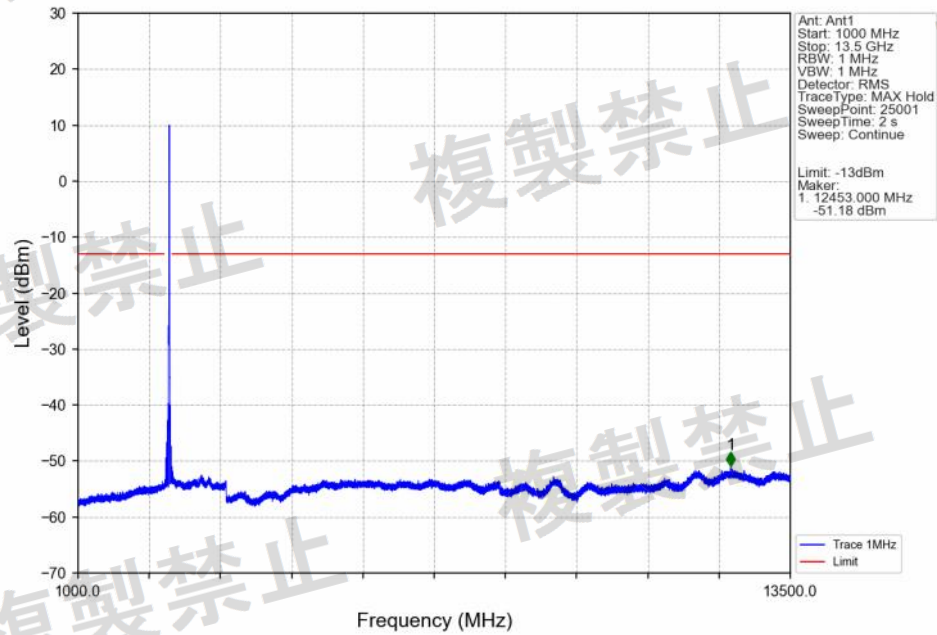




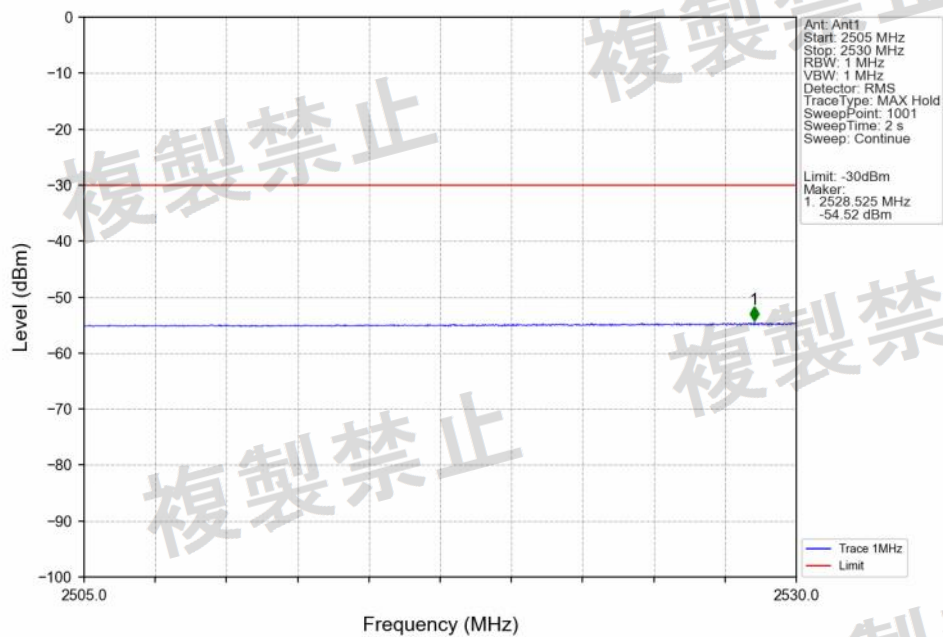




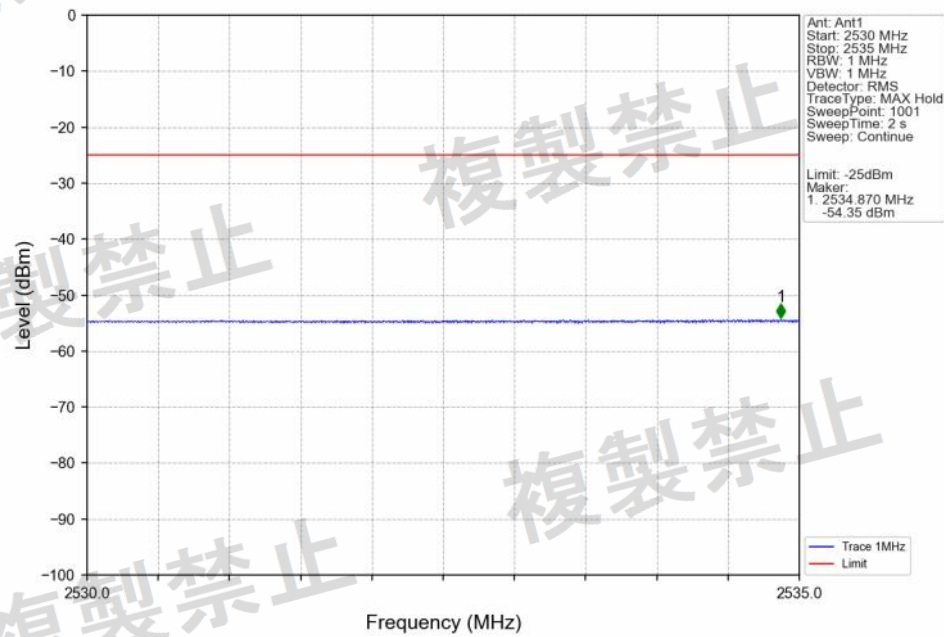
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV_4/7_1000-13500MHz_Limit:-13



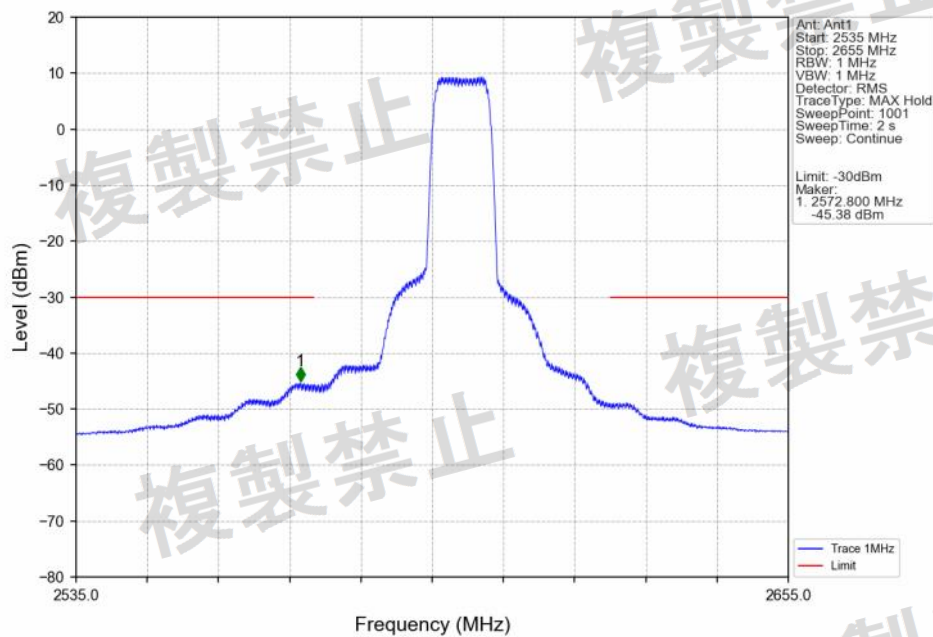
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV_5/7_2505-2530MHz_Limit:-30

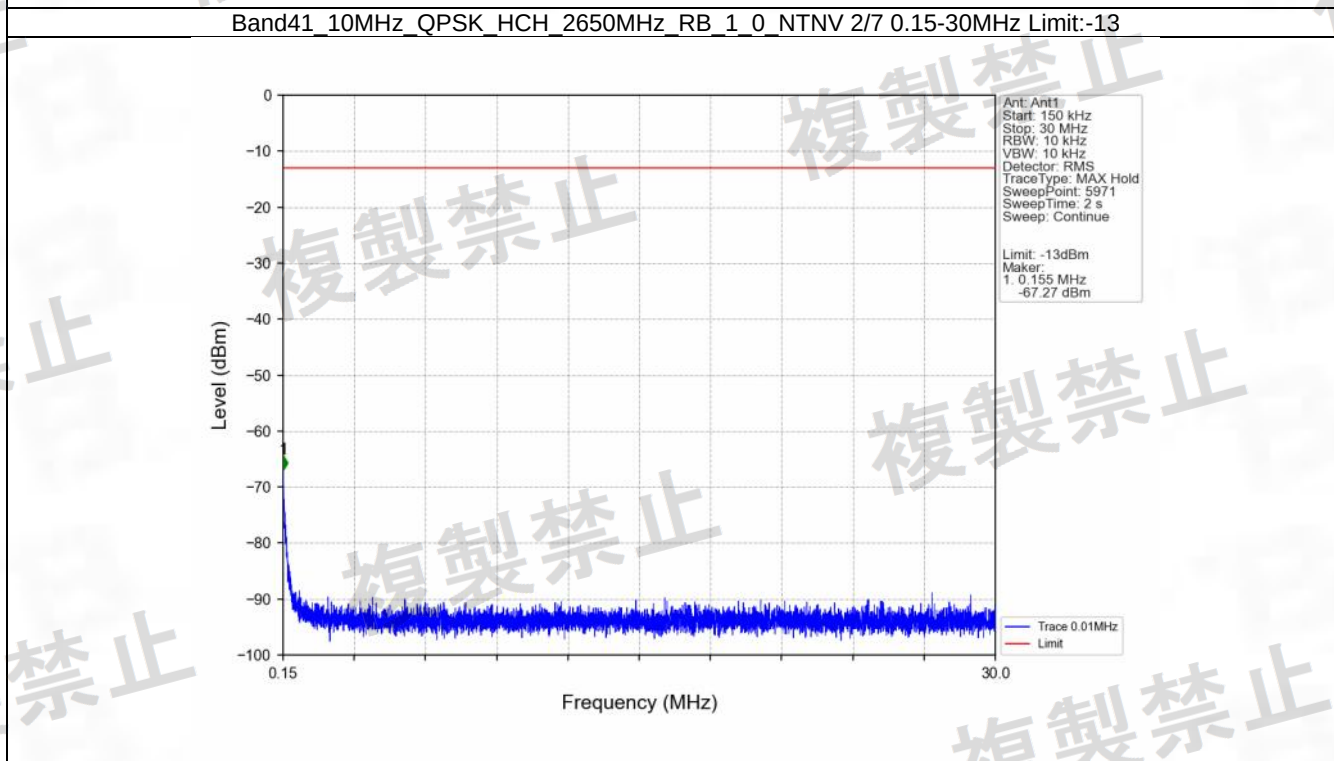
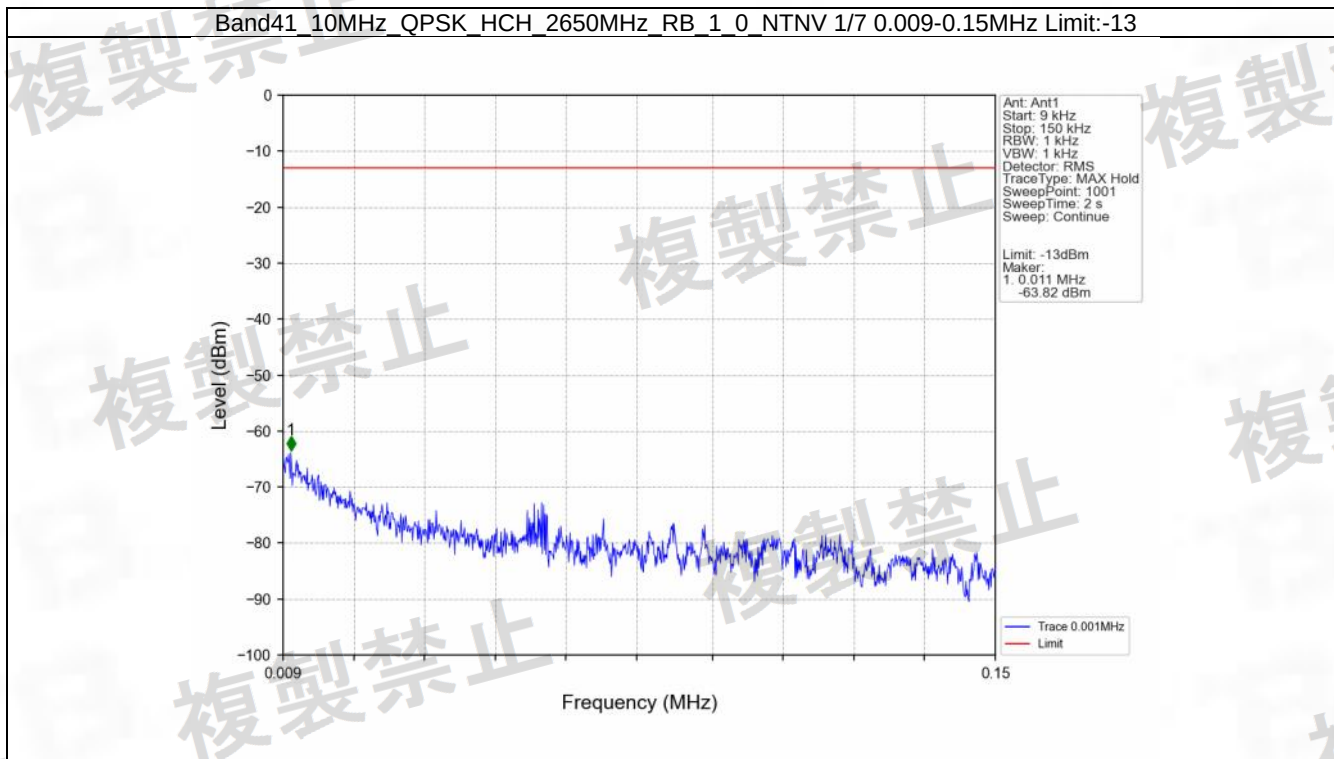


Band41 10MHz QPSK MCH 2600MHz RB 50 0 NTN 6/7 2530-2535MHz Limit:-25

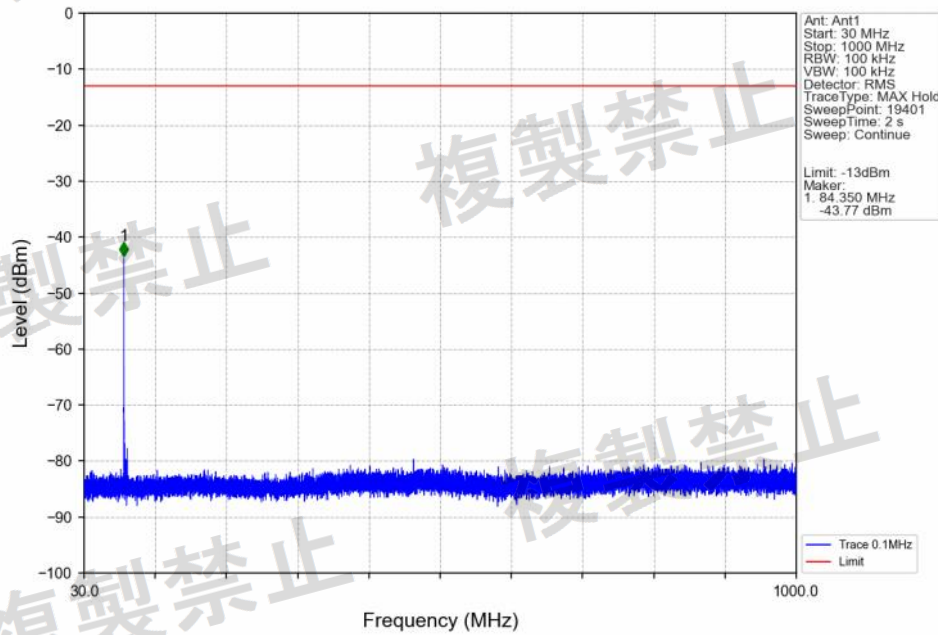


Band41 10MHz QPSK MCH 2600MHz RB 50 0 NTN 7/7 2535-2655MHz Limit:-30

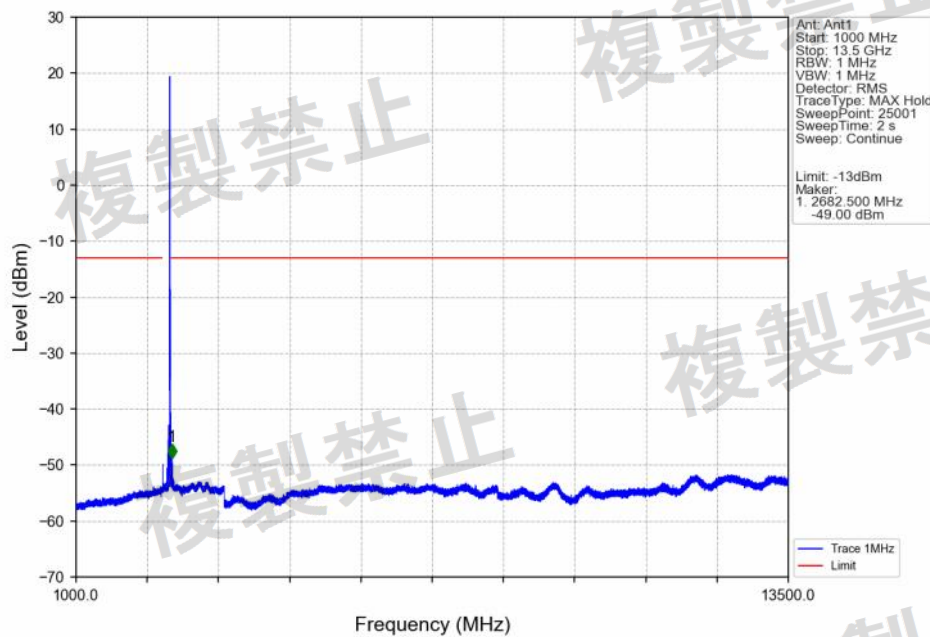


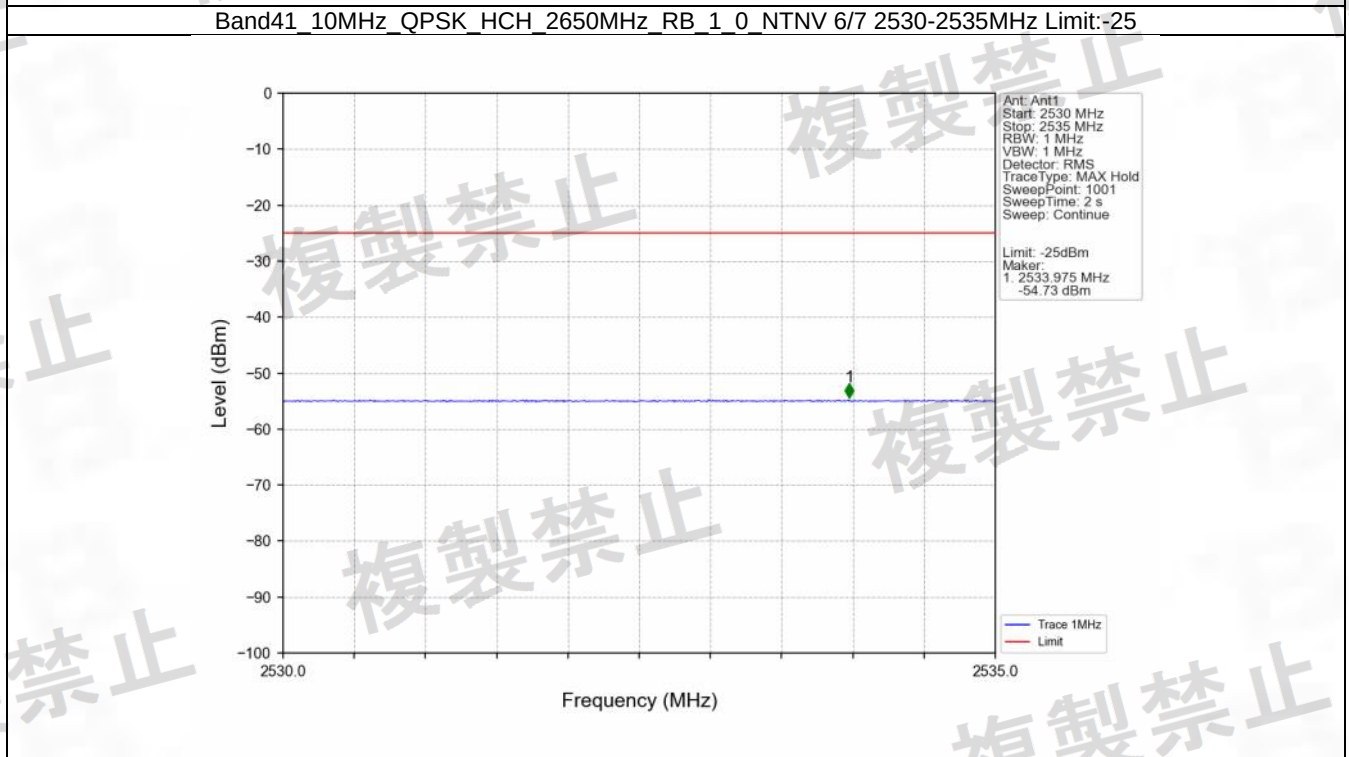
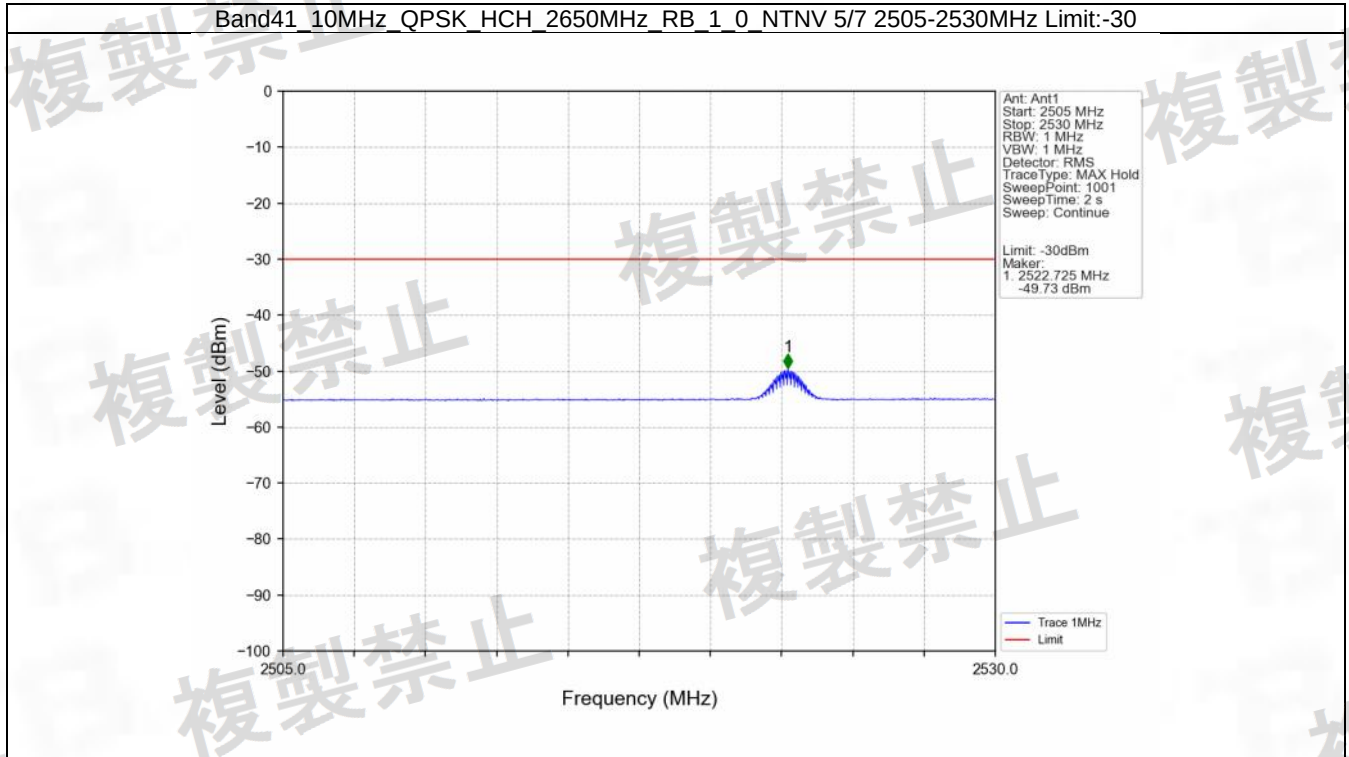


Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV_3/7_30-1000MHz_Limit:-13

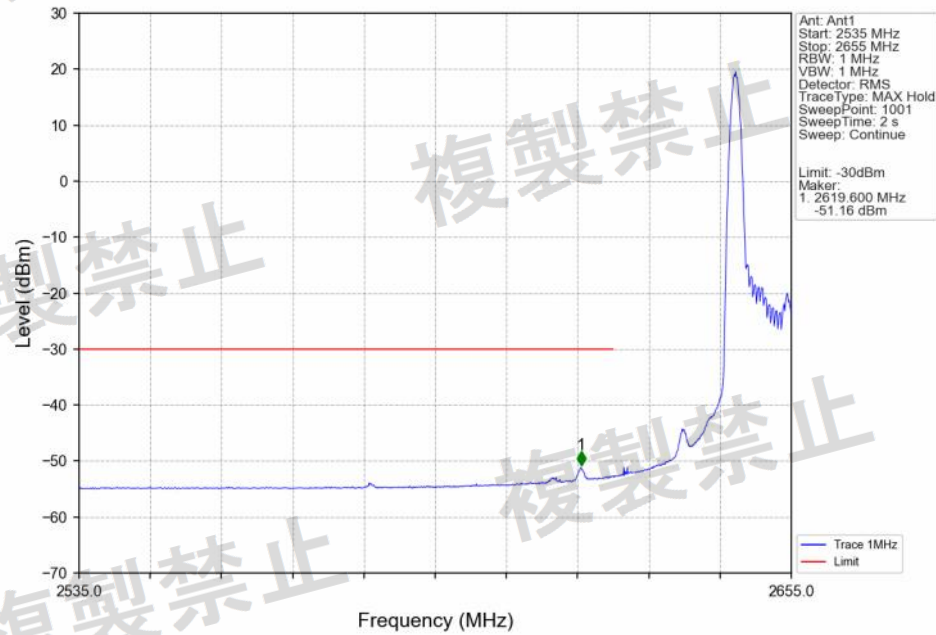


Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13

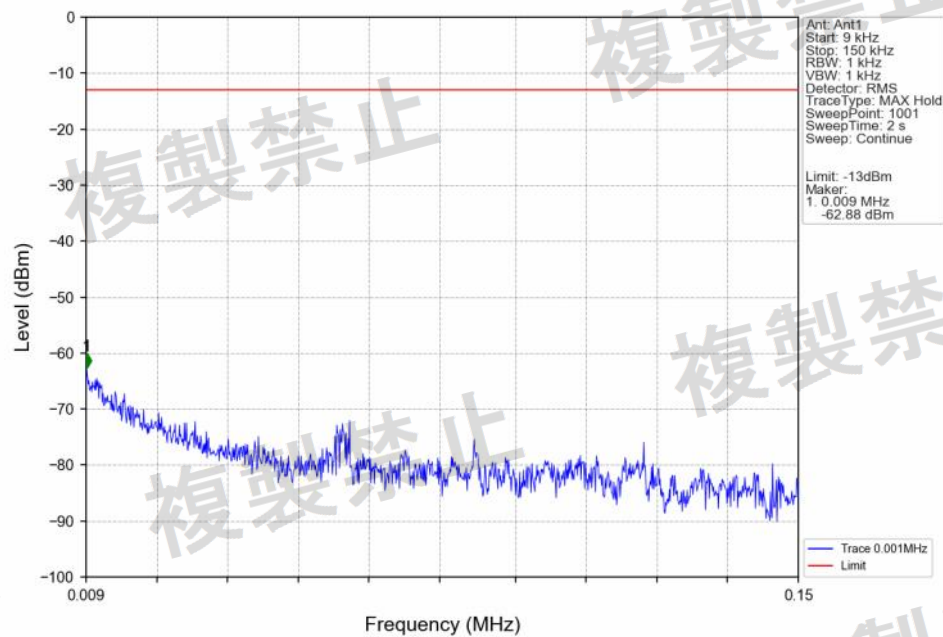


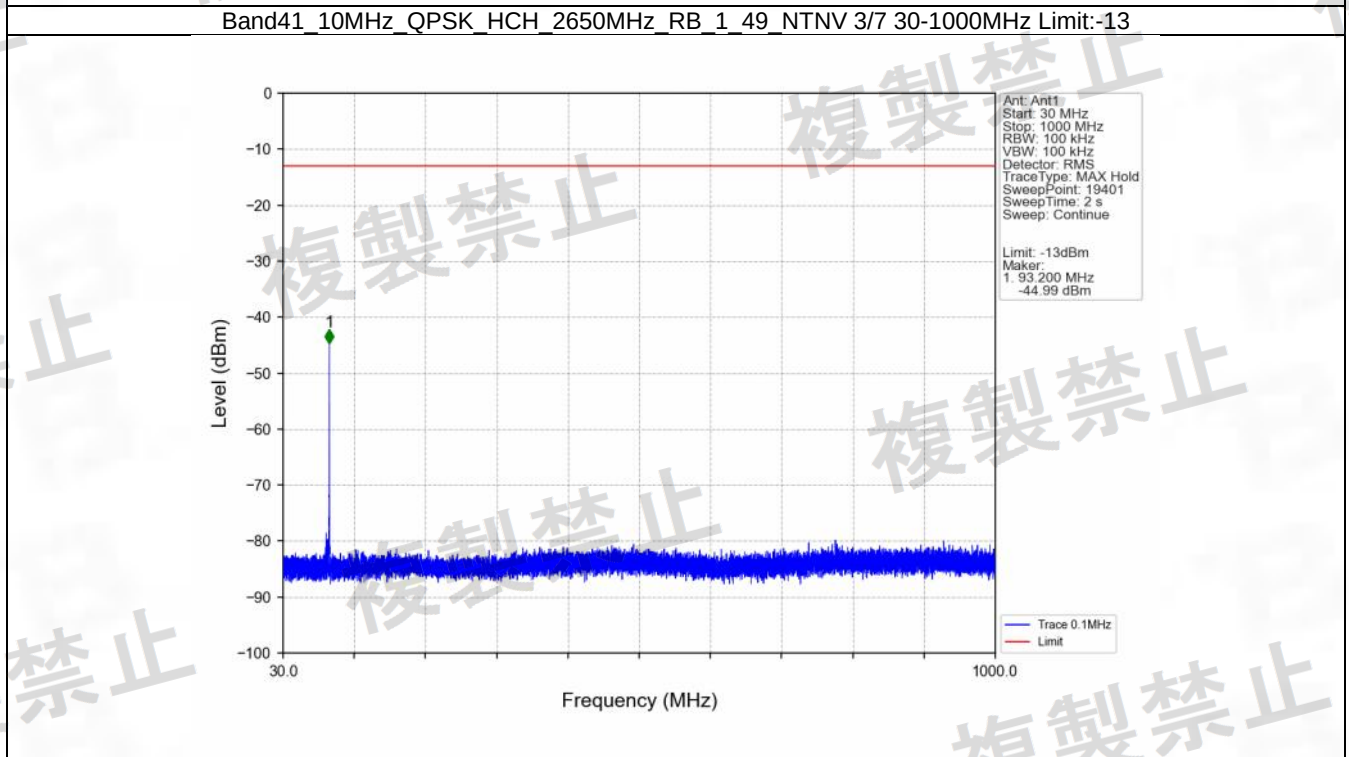
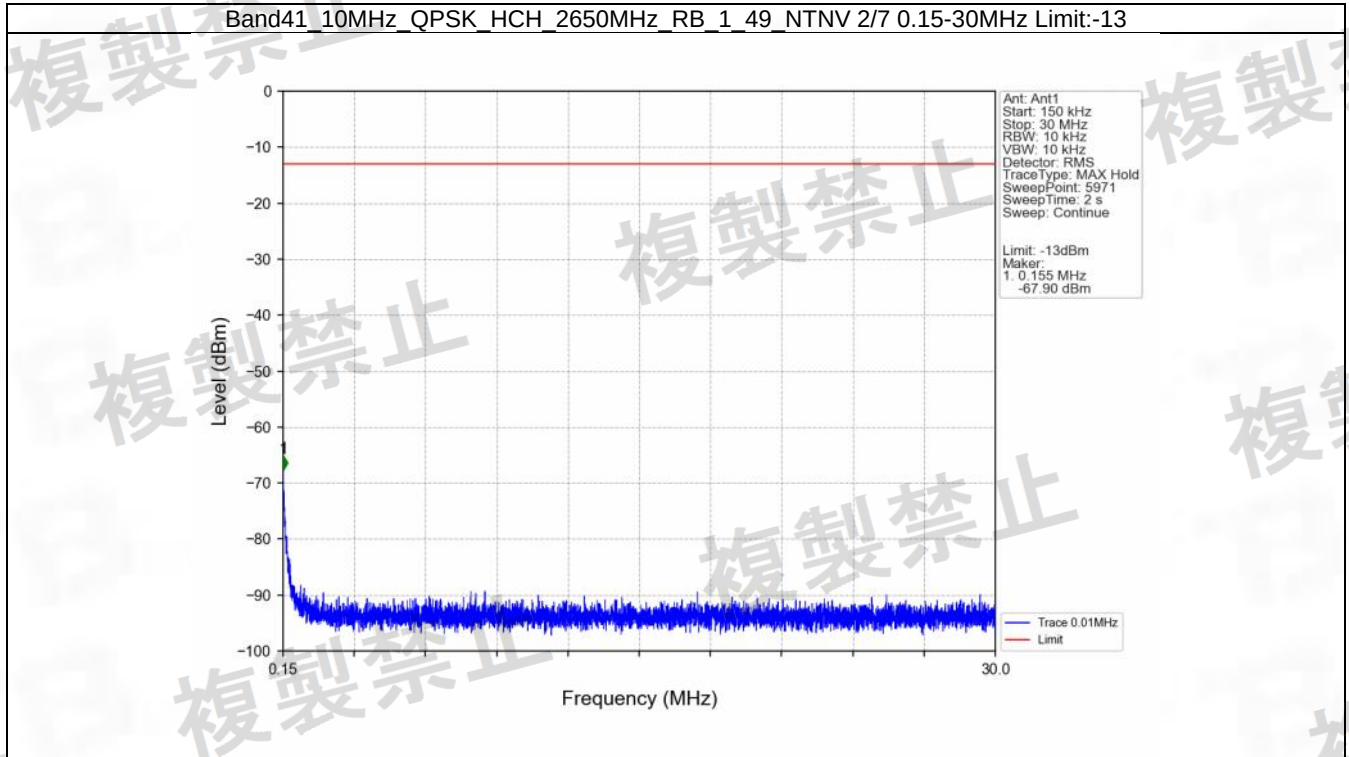


Band41 10MHz QPSK HCH 2650MHz RB 1 0 NTN 7/7 2535-2655MHz Limit:-30

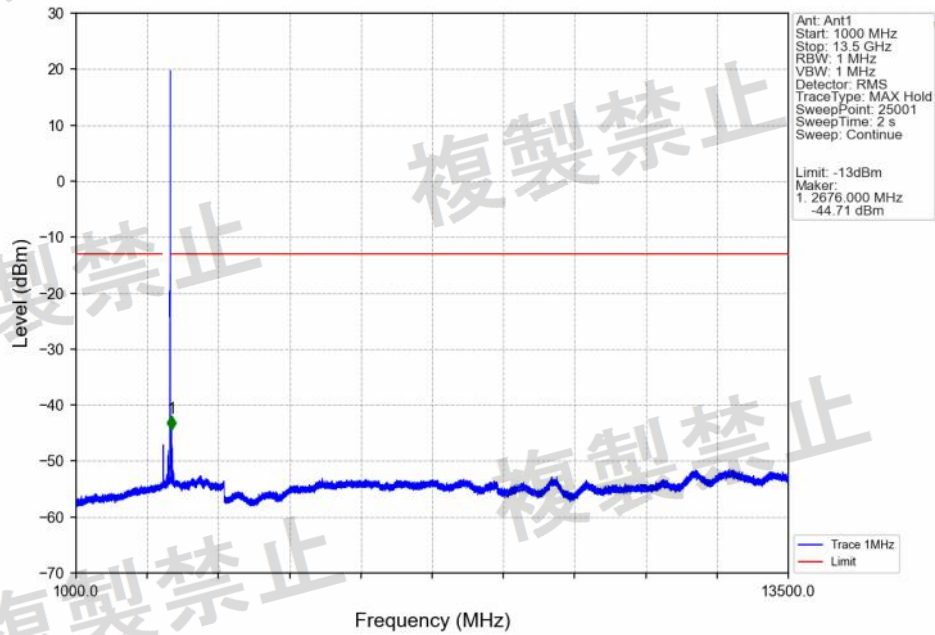


Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTN 1/7 0.009-0.15MHz Limit:-13

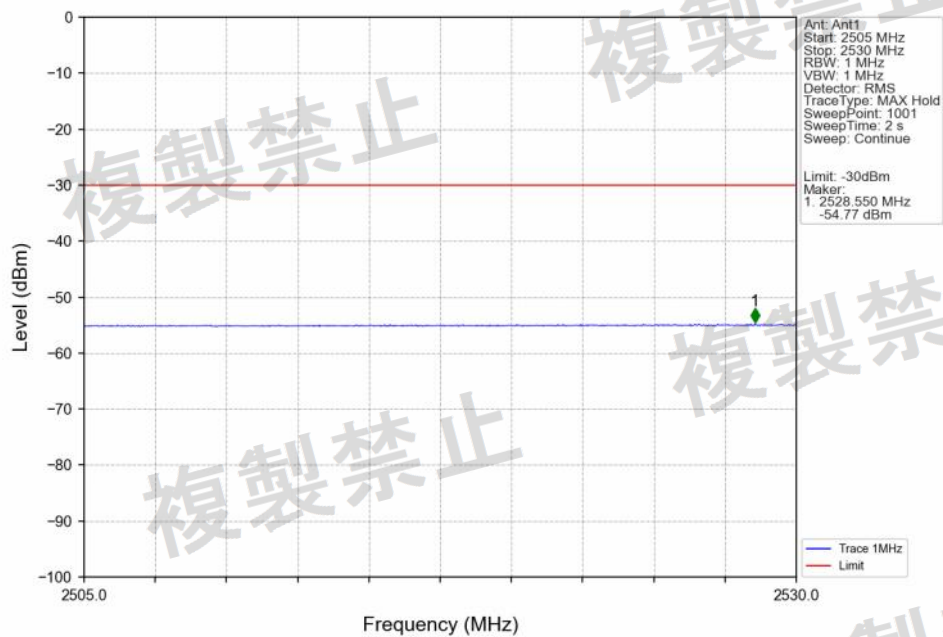




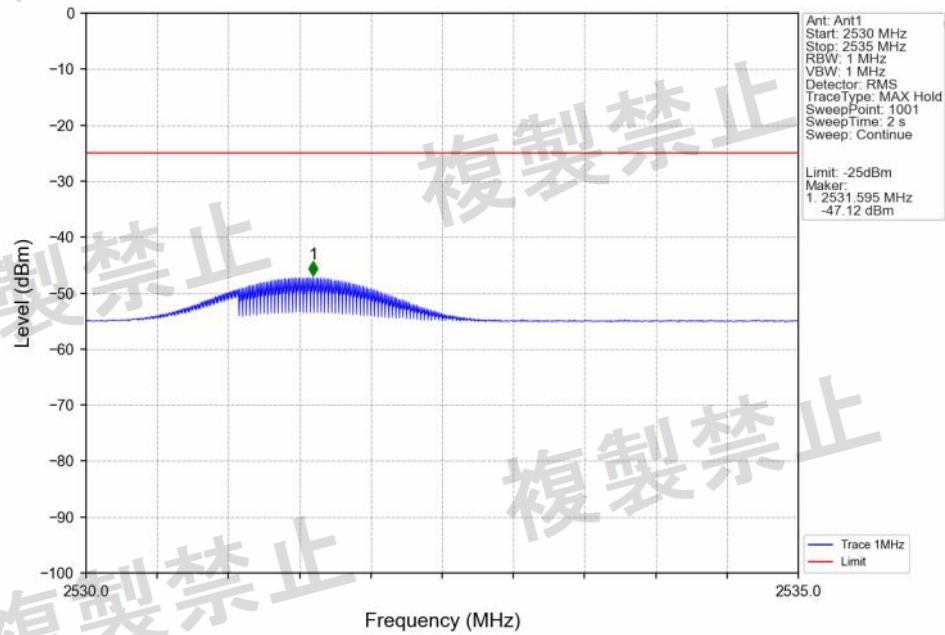
Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTNV 4/7 1000-13500MHz Limit:-13



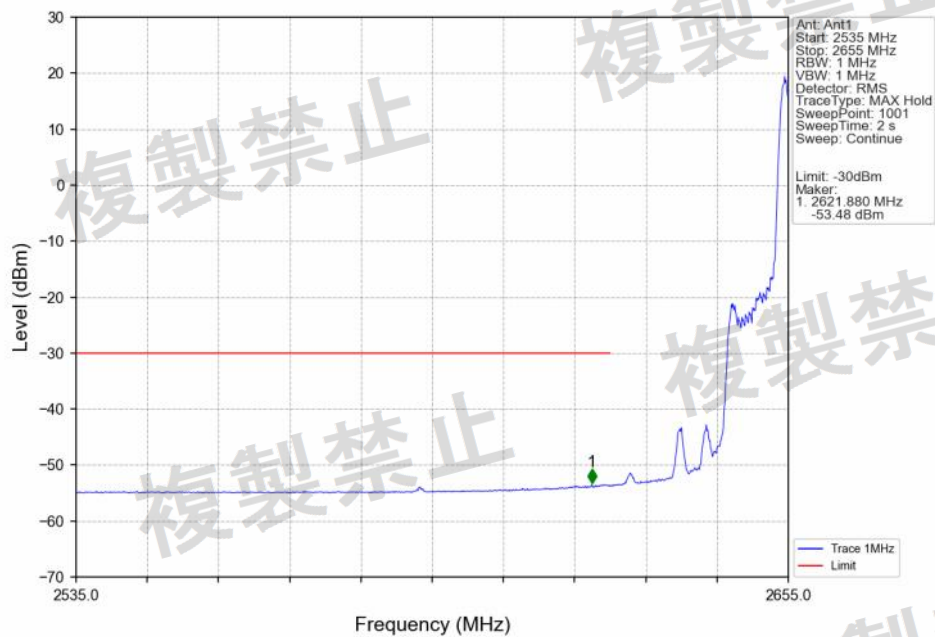
Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTNV 5/7 2505-2530MHz Limit:-30

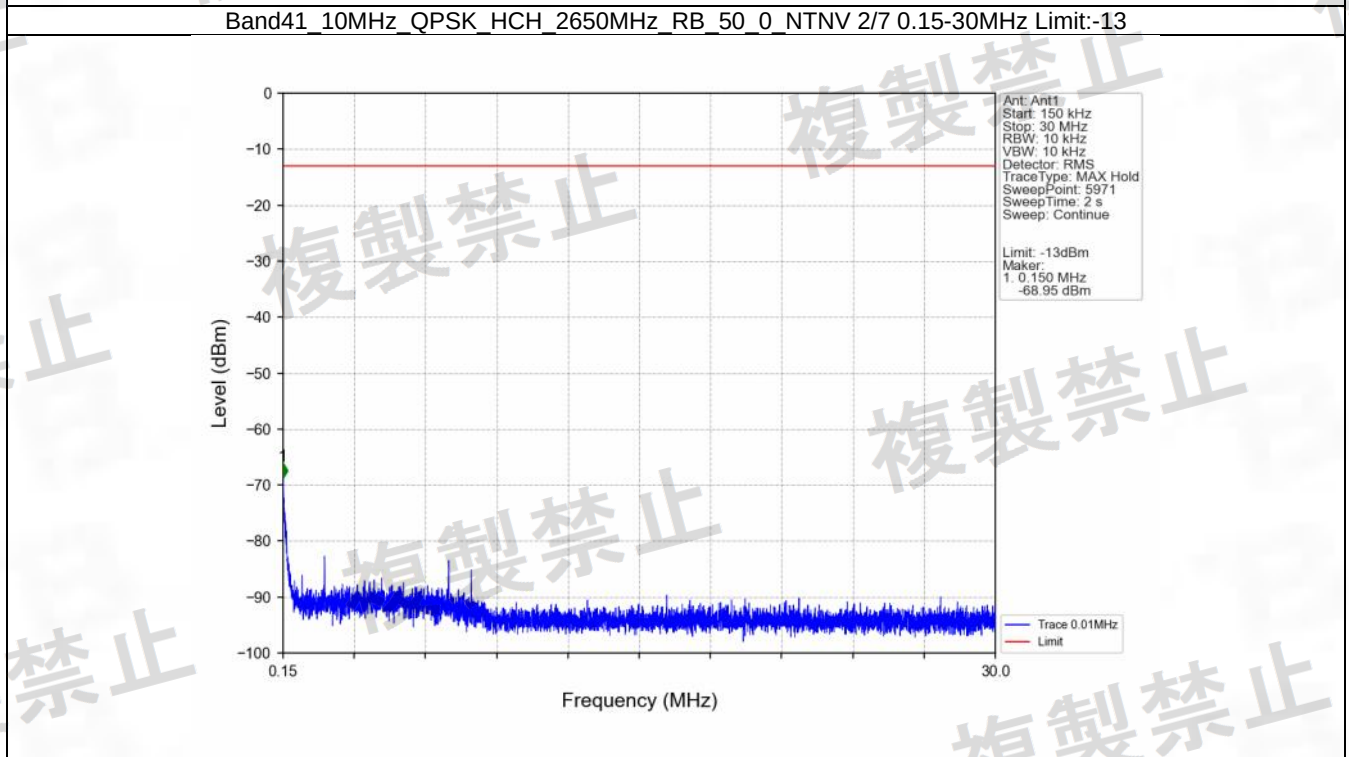
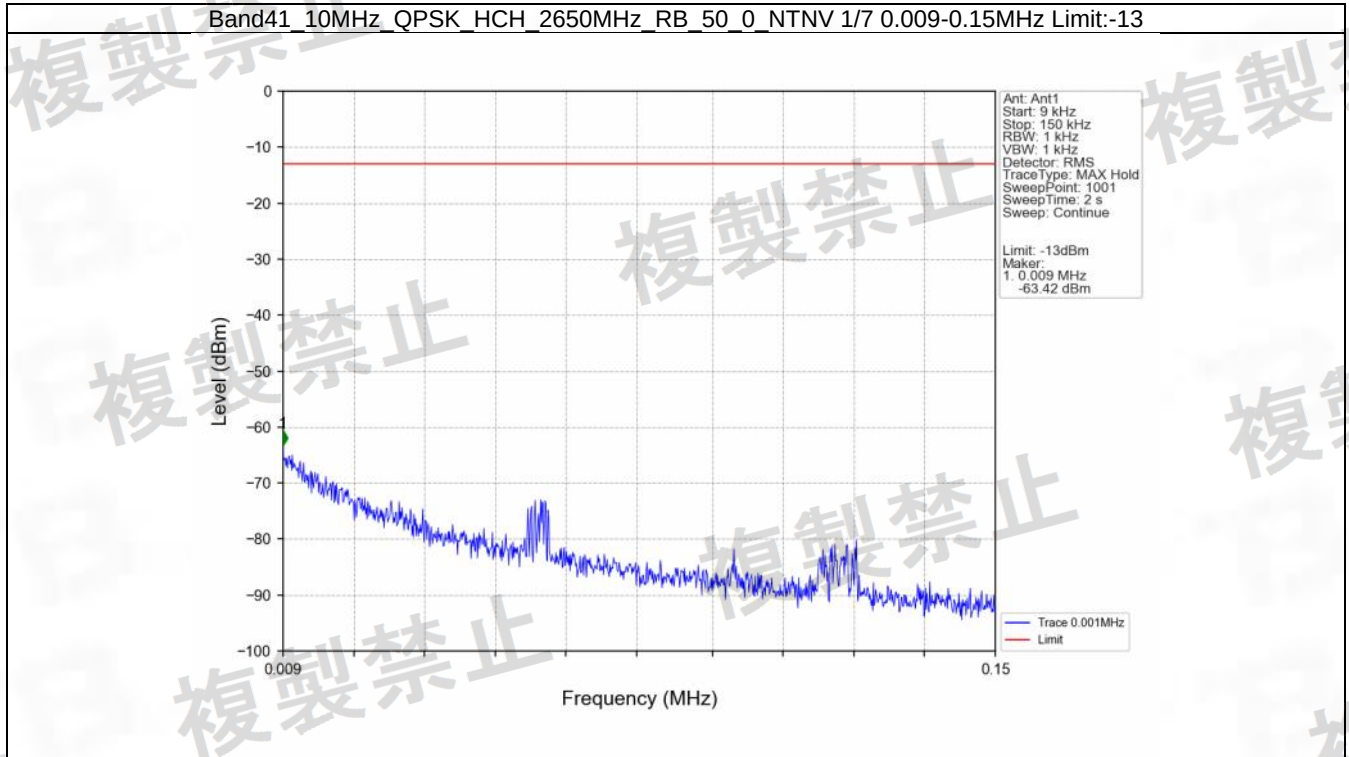


Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTNV 6/7 2530-2535MHz Limit:-25

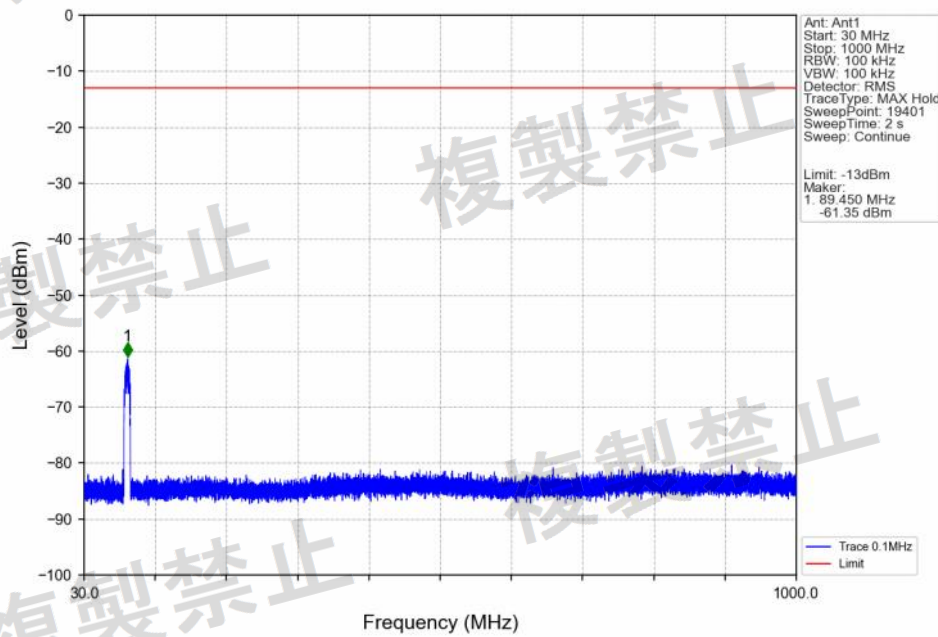


Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTNV 7/7 2535-2655MHz Limit:-30

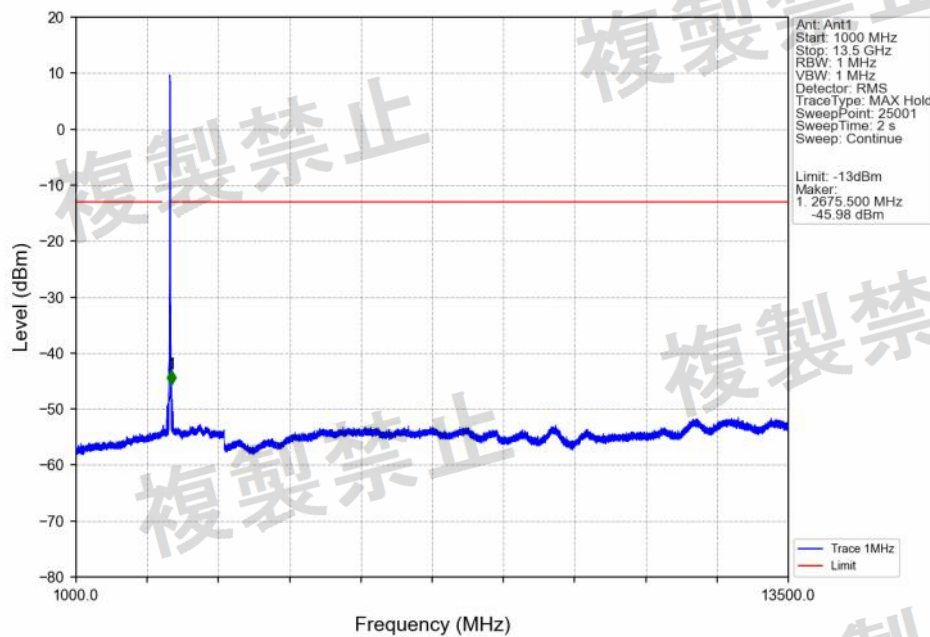


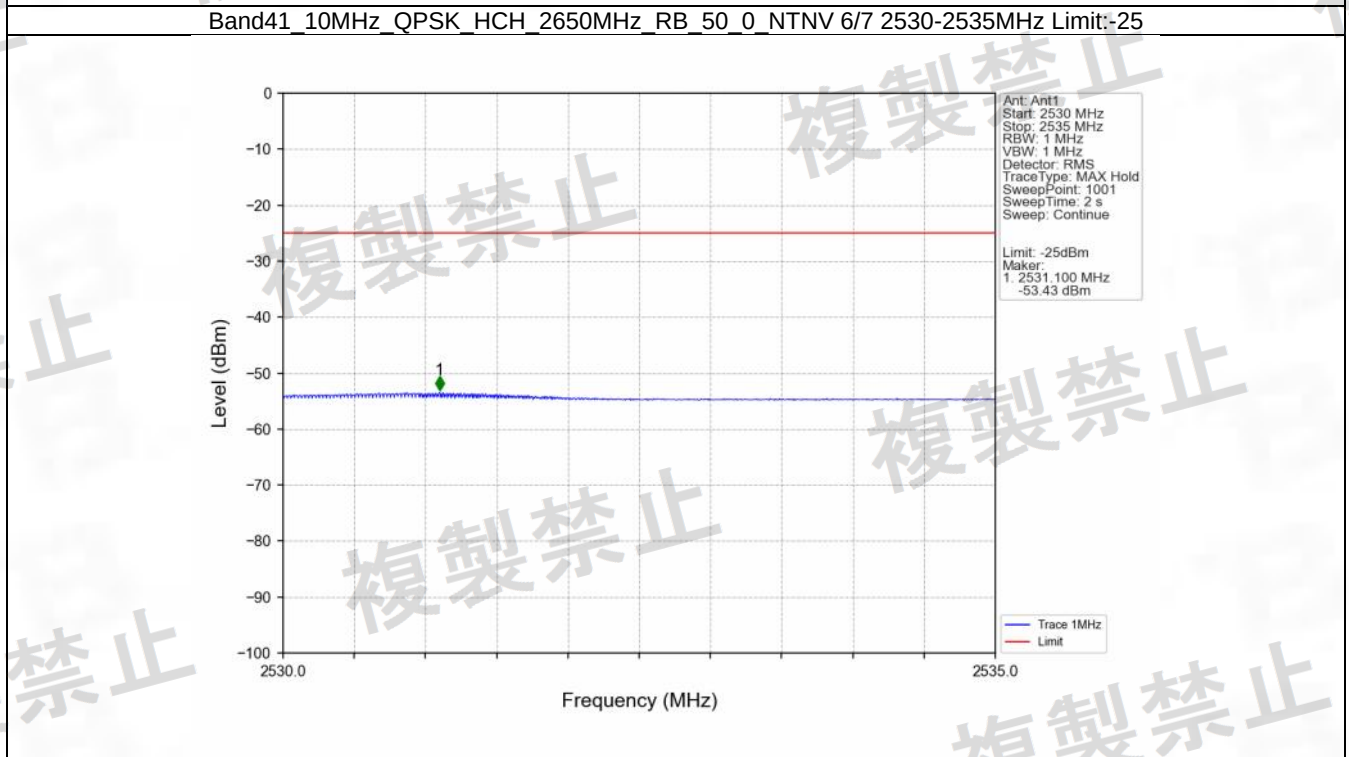
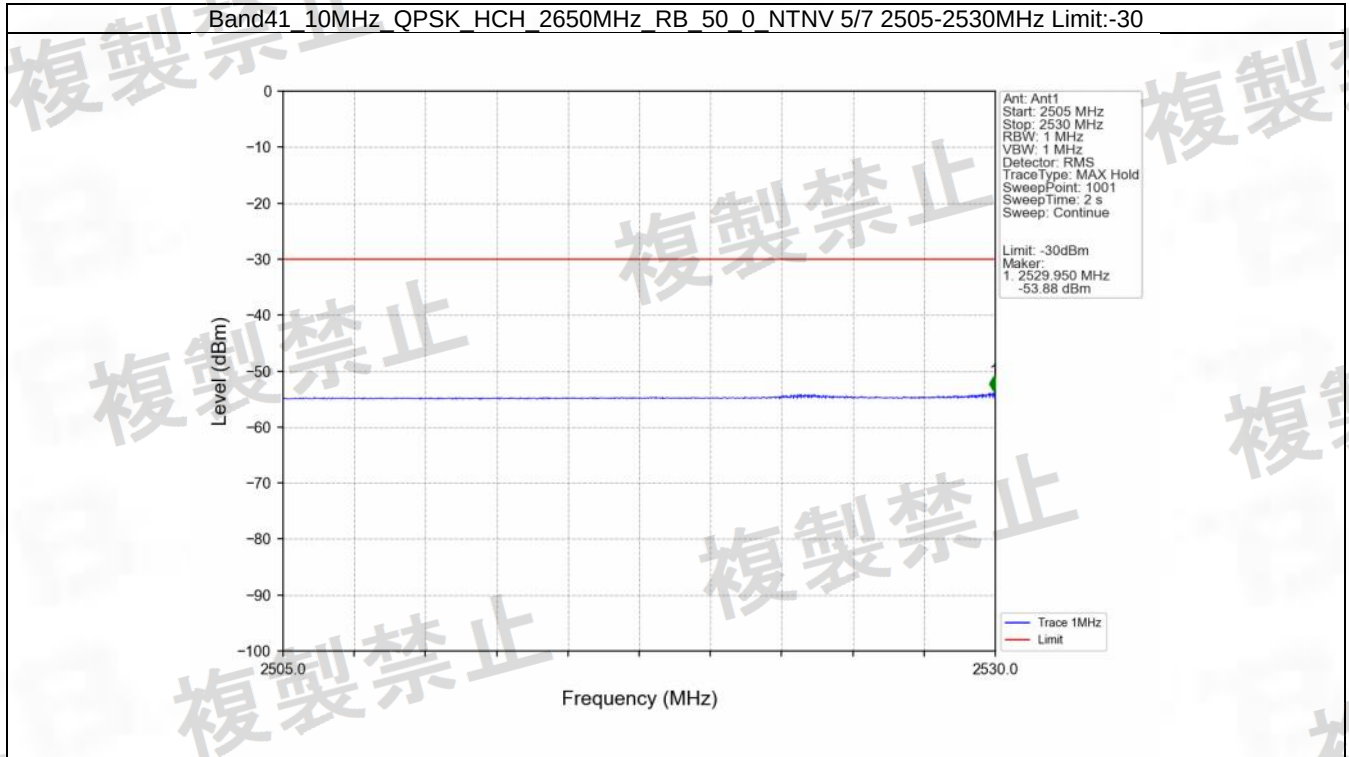


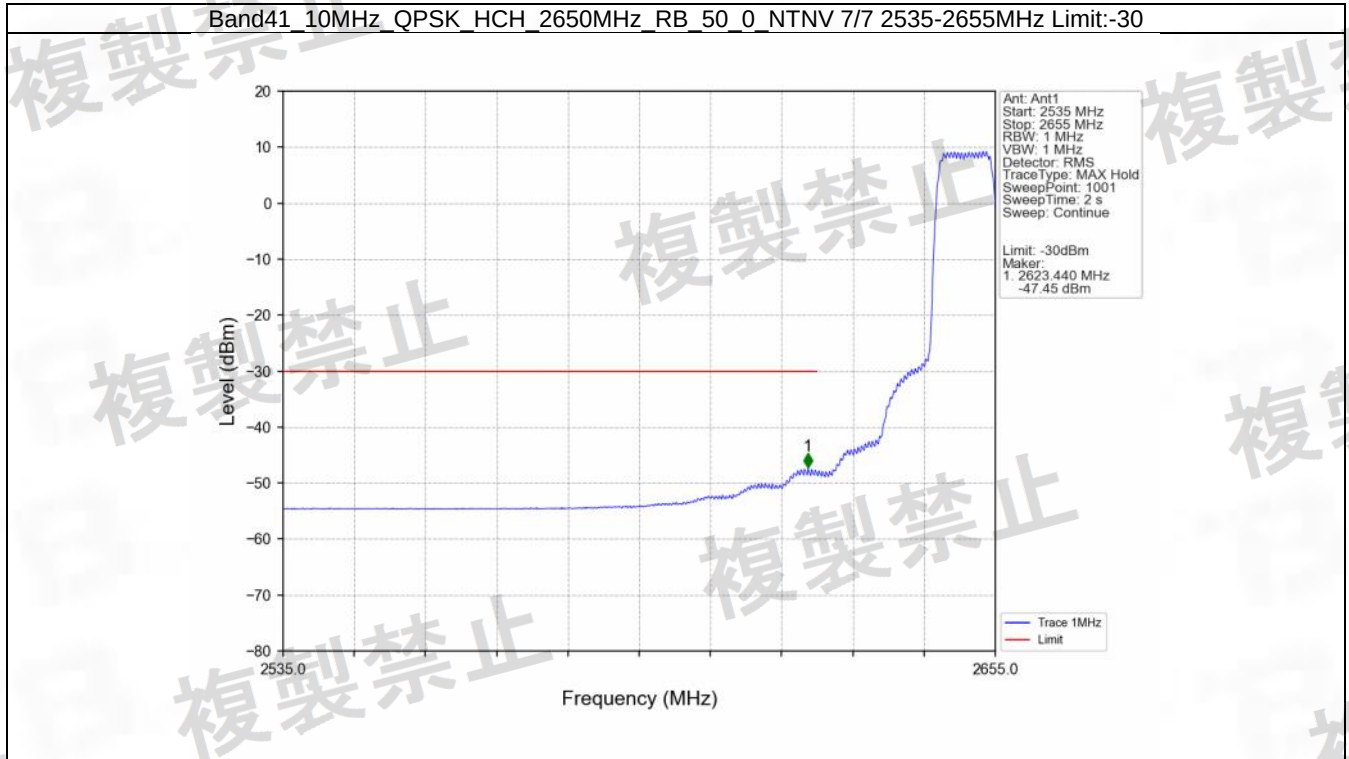
Band41 10MHz QPSK HCH 2650MHz RB 50 0 NTV 3/7 30-1000MHz Limit:-13



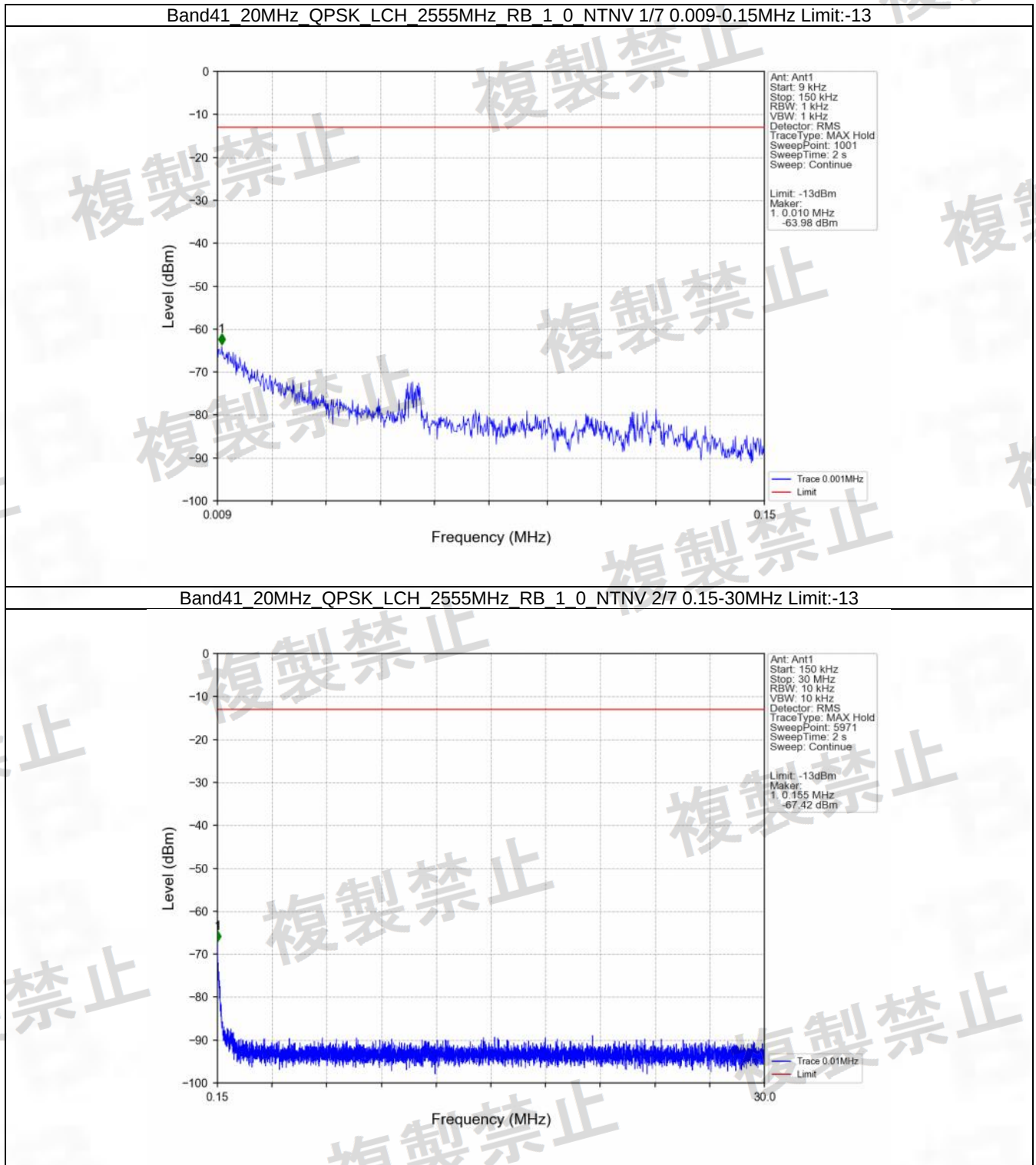
Band41 10MHz QPSK HCH 2650MHz RB 50 0 NTV 4/7 1000-13500MHz Limit:-13



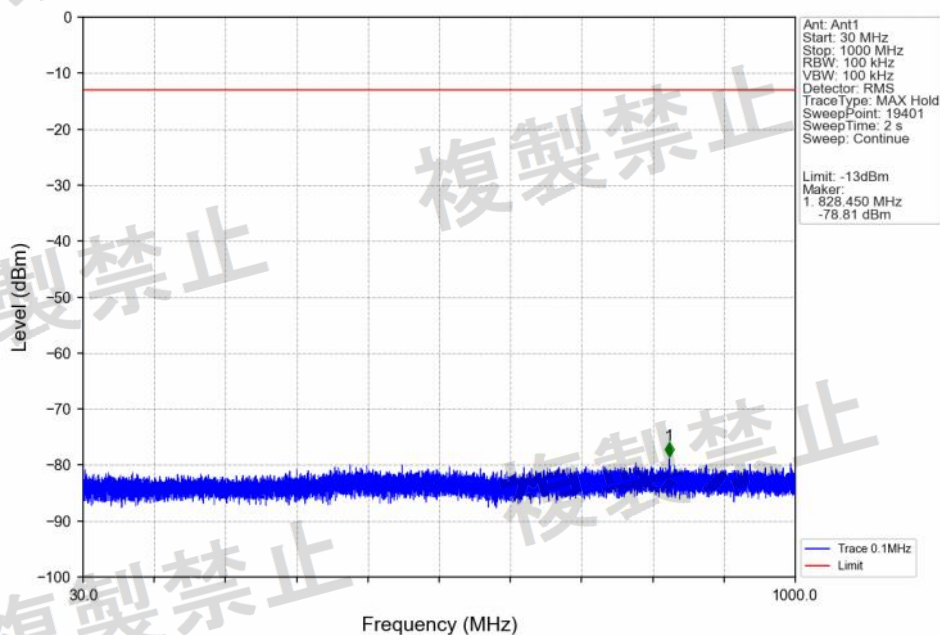




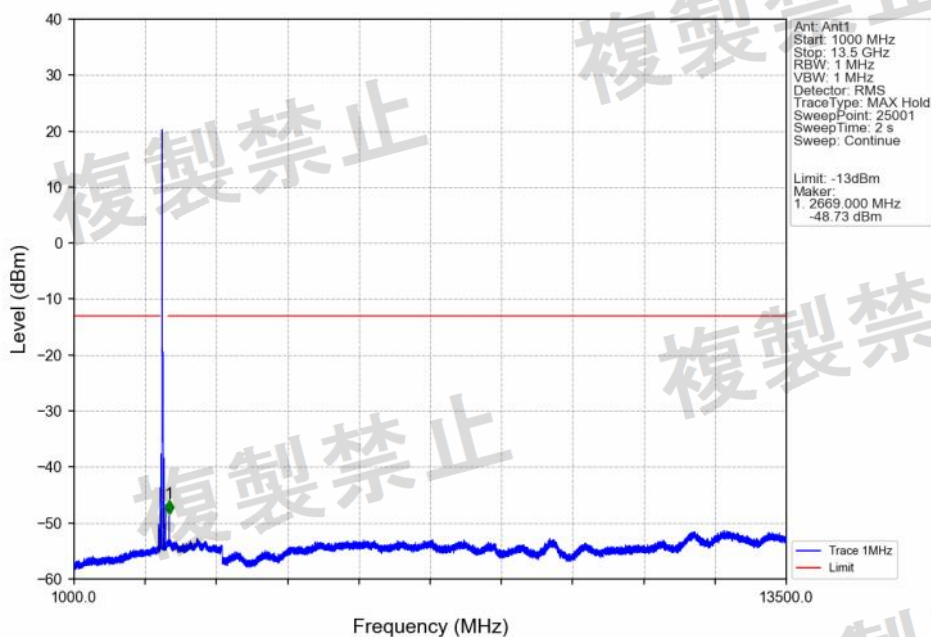
6.2.3 B41_20MHz



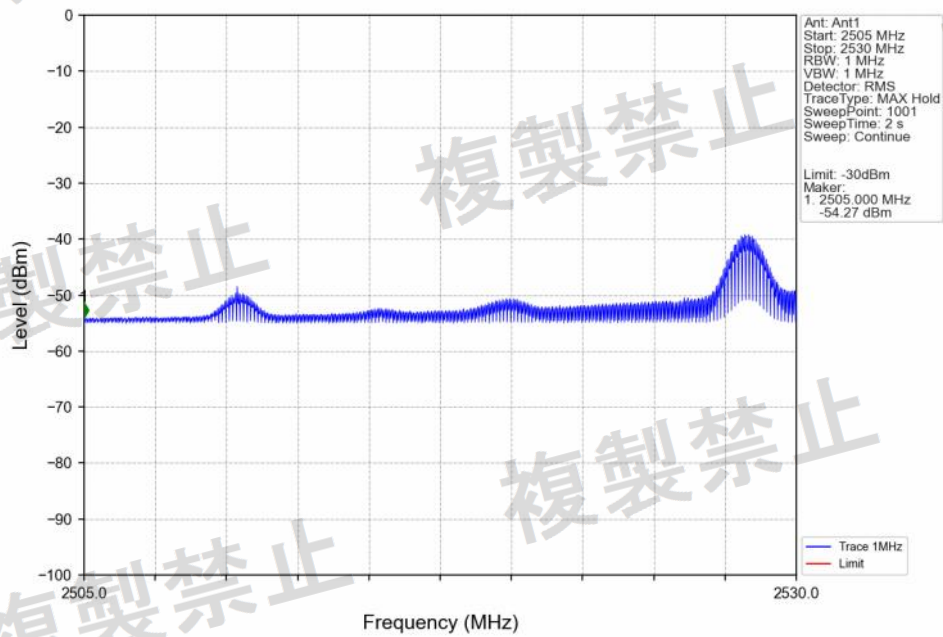
Band41_20MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV_3/7_30-1000MHz_Limit:-13



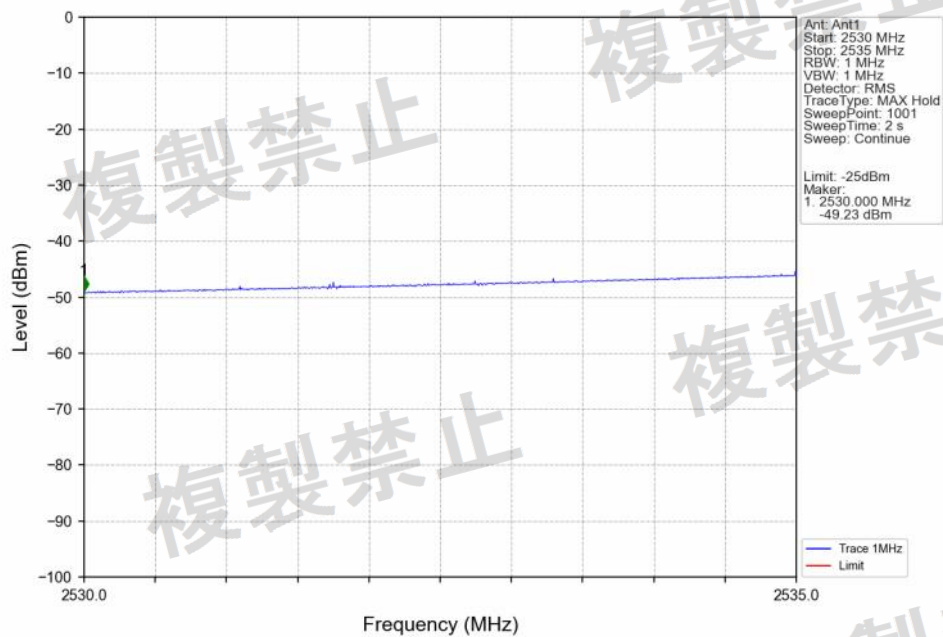
Band41_20MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13



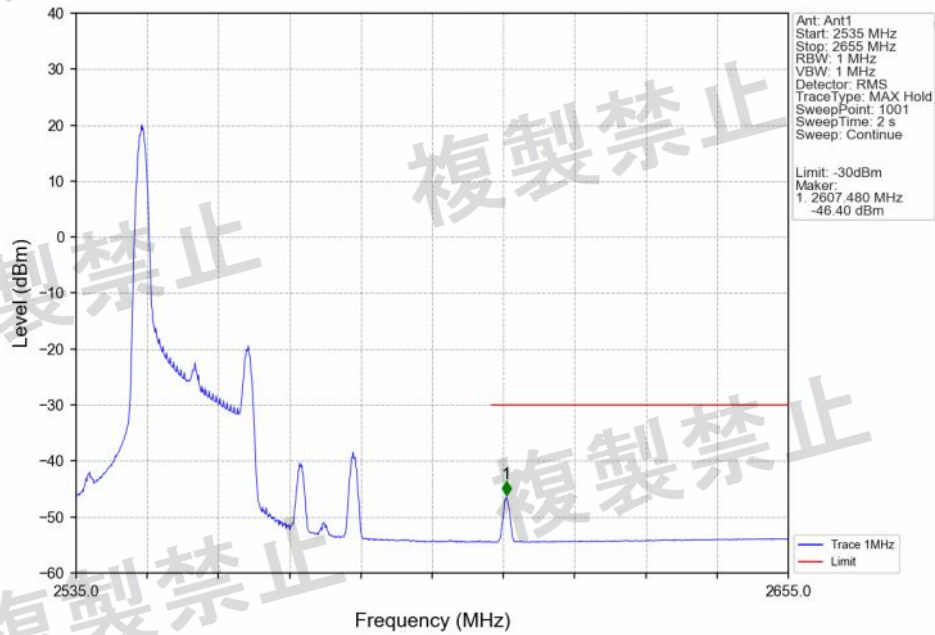
Band41 20MHz QPSK LCH 2555MHz RB 1 0 NTNV 5/7 2505-2530MHz Limit:-30



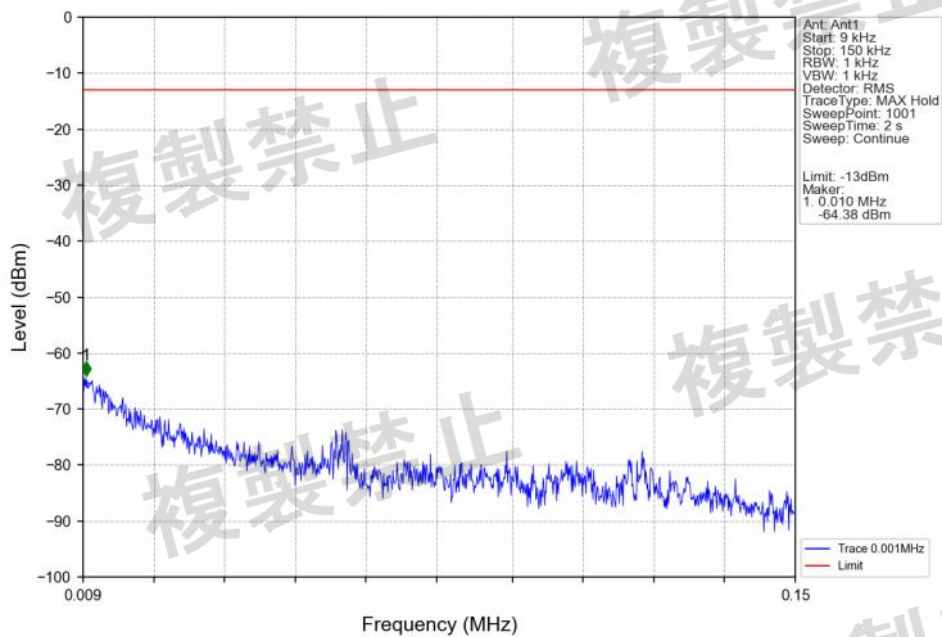
Band41 20MHz QPSK LCH 2555MHz RB 1 0 NTNV 6/7 2530-2535MHz Limit:-25

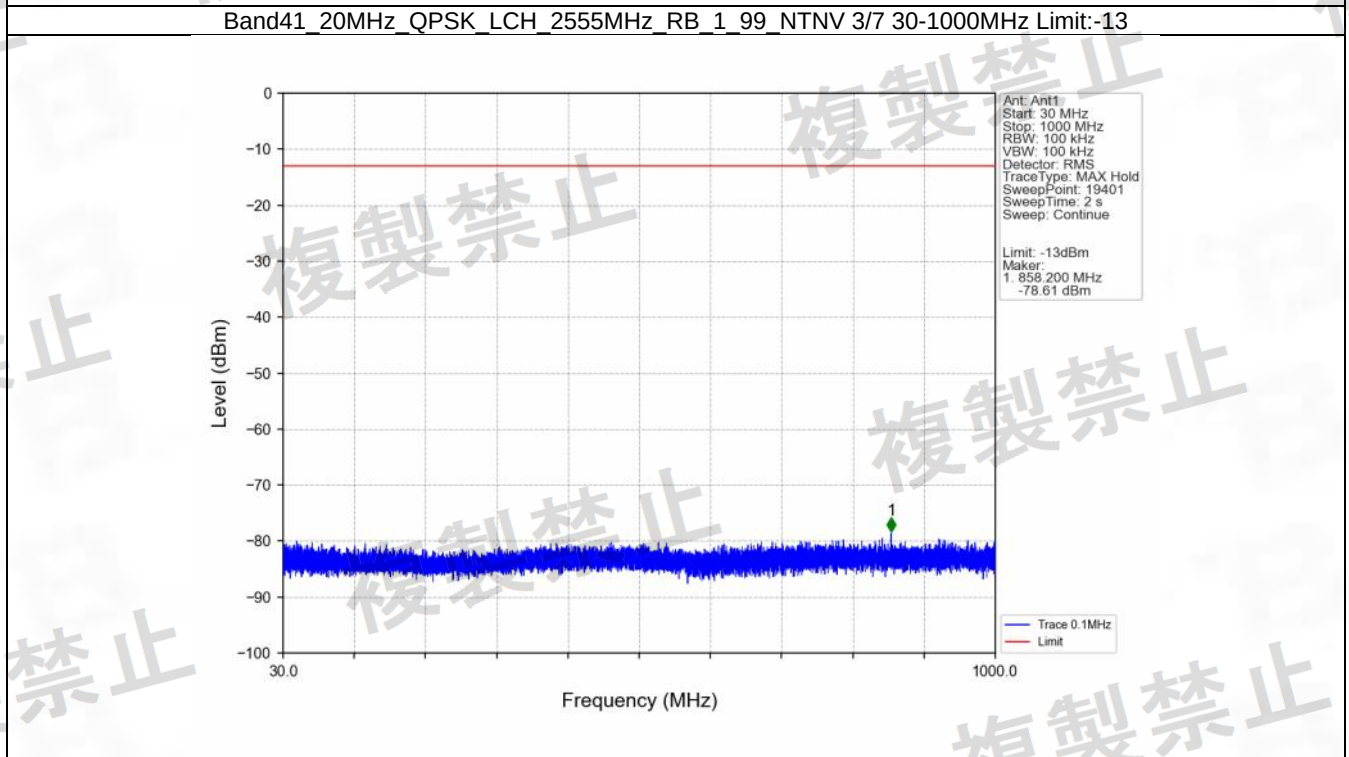
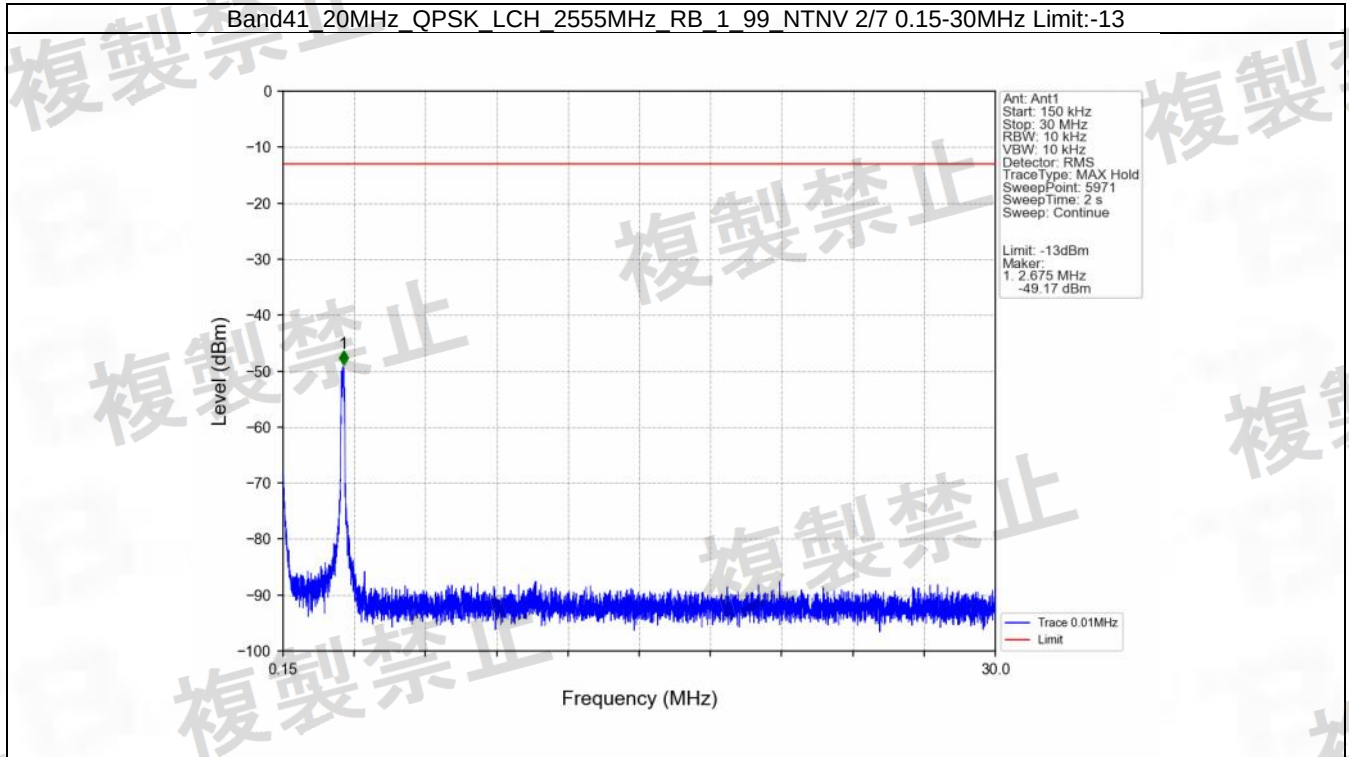


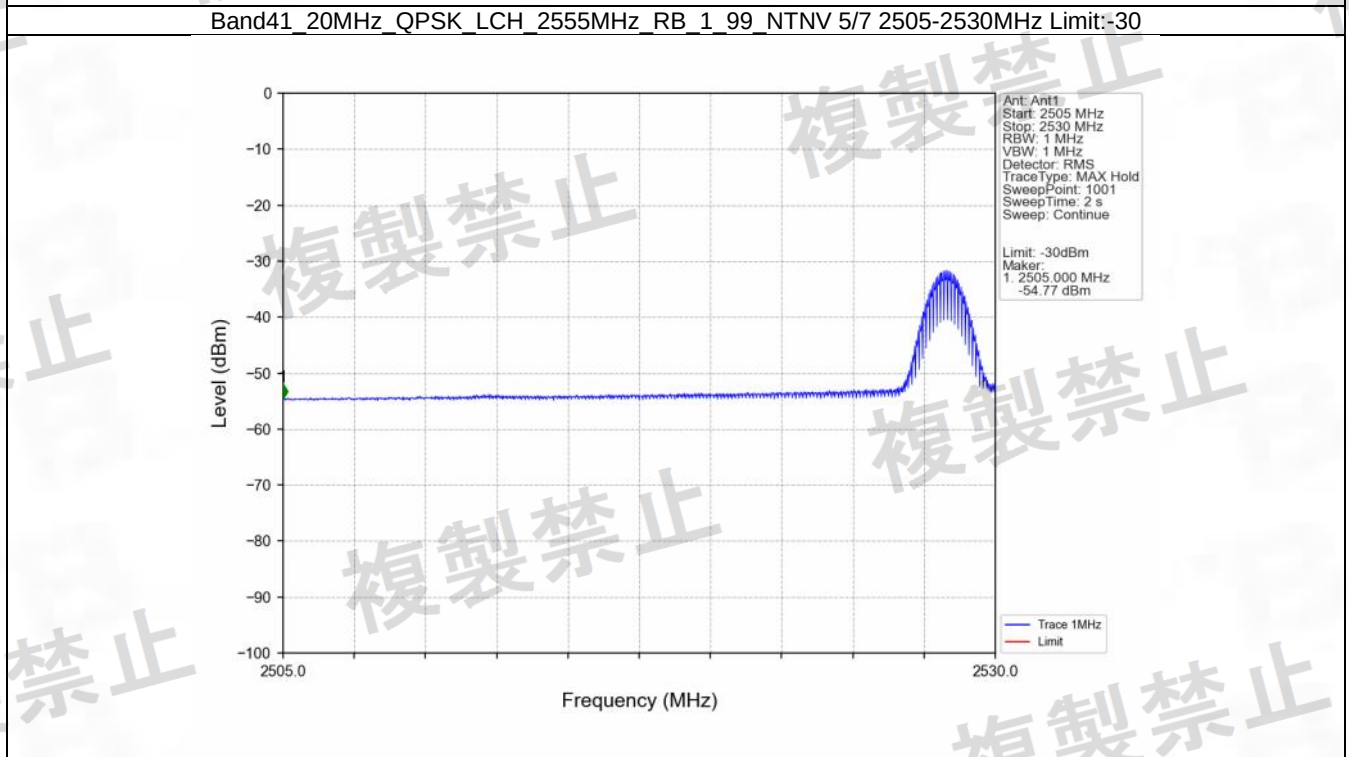
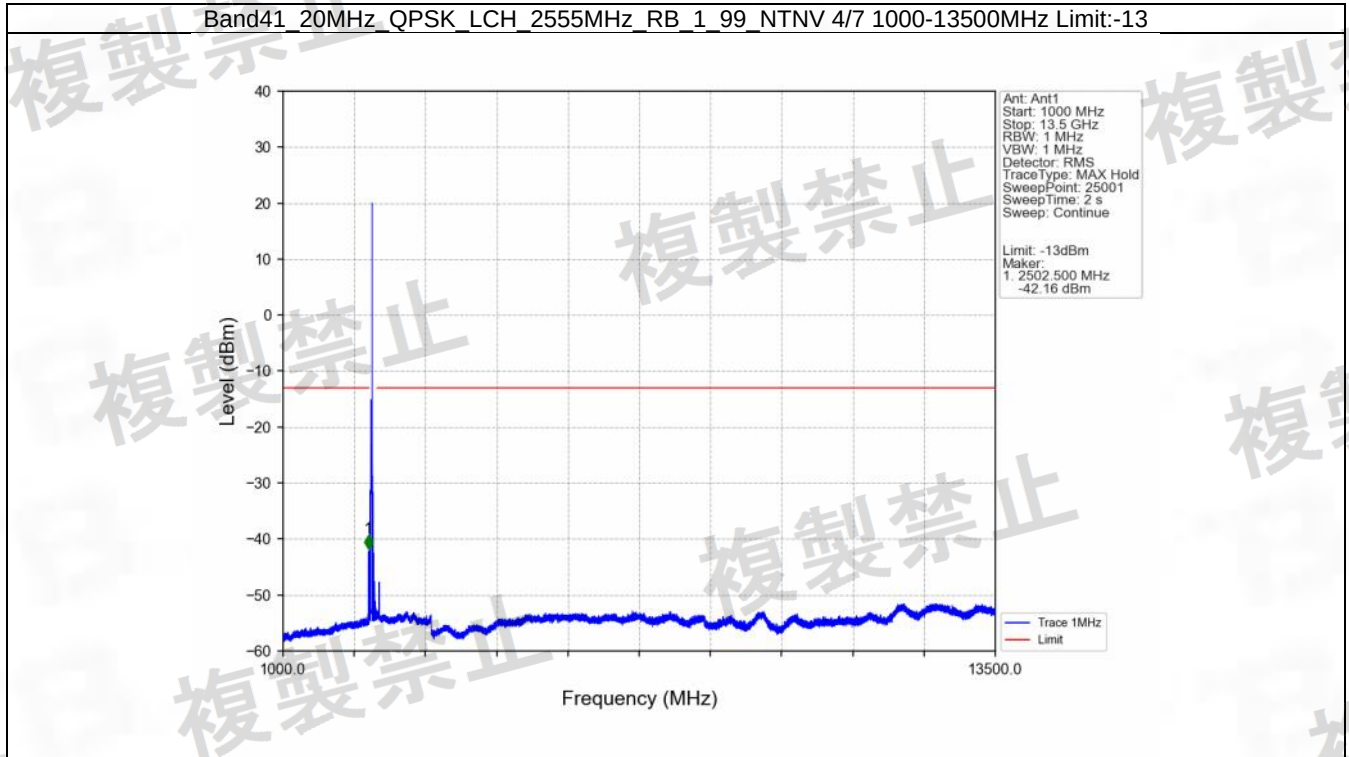
Band41 20MHz QPSK LCH 2555MHz RB 1 0 NTV 7/7 2535-2655MHz Limit:-30

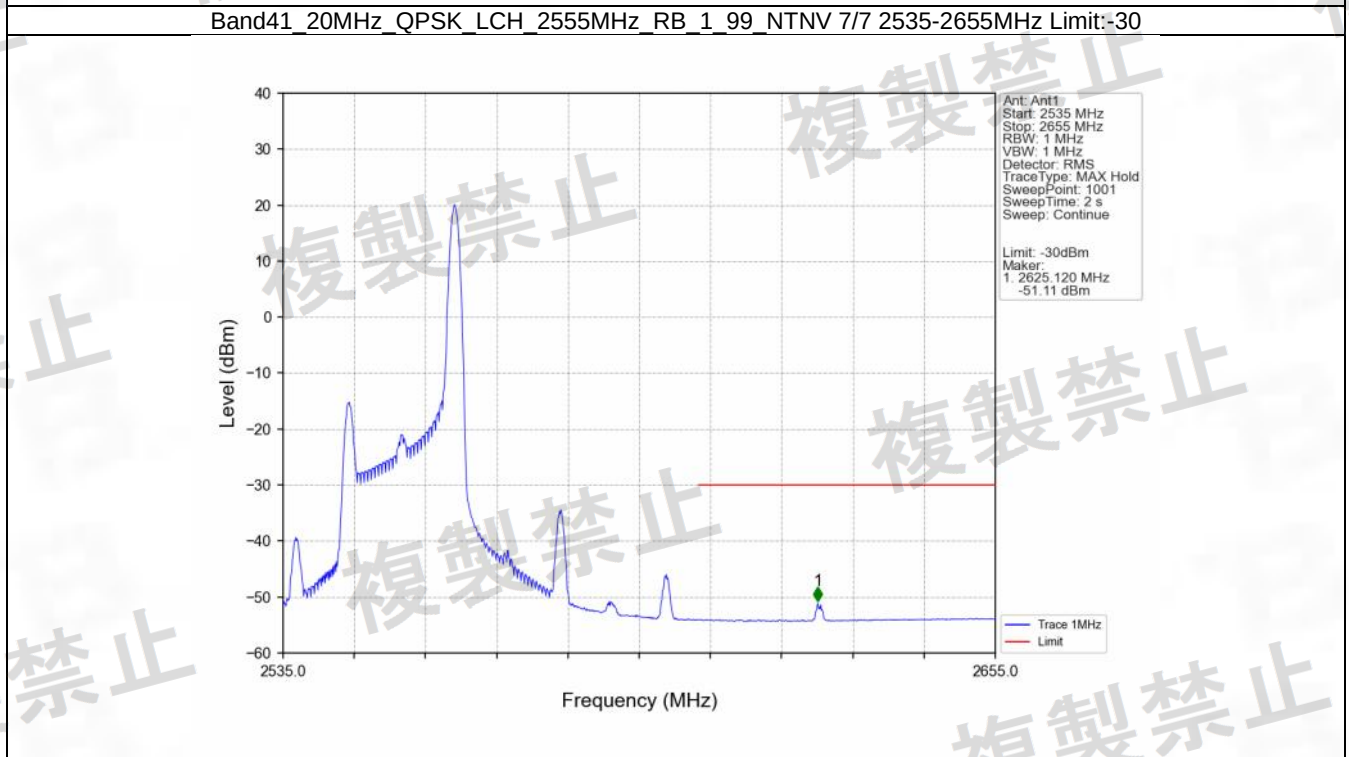
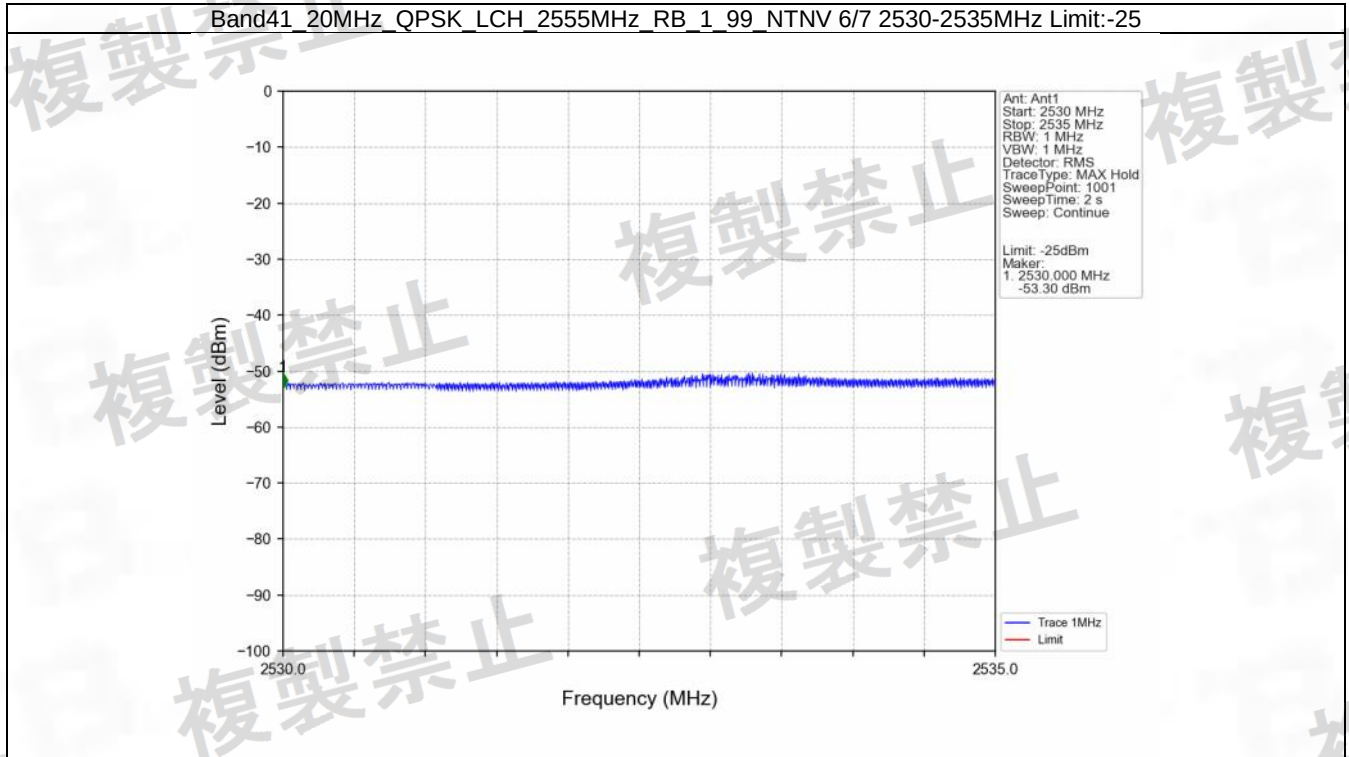


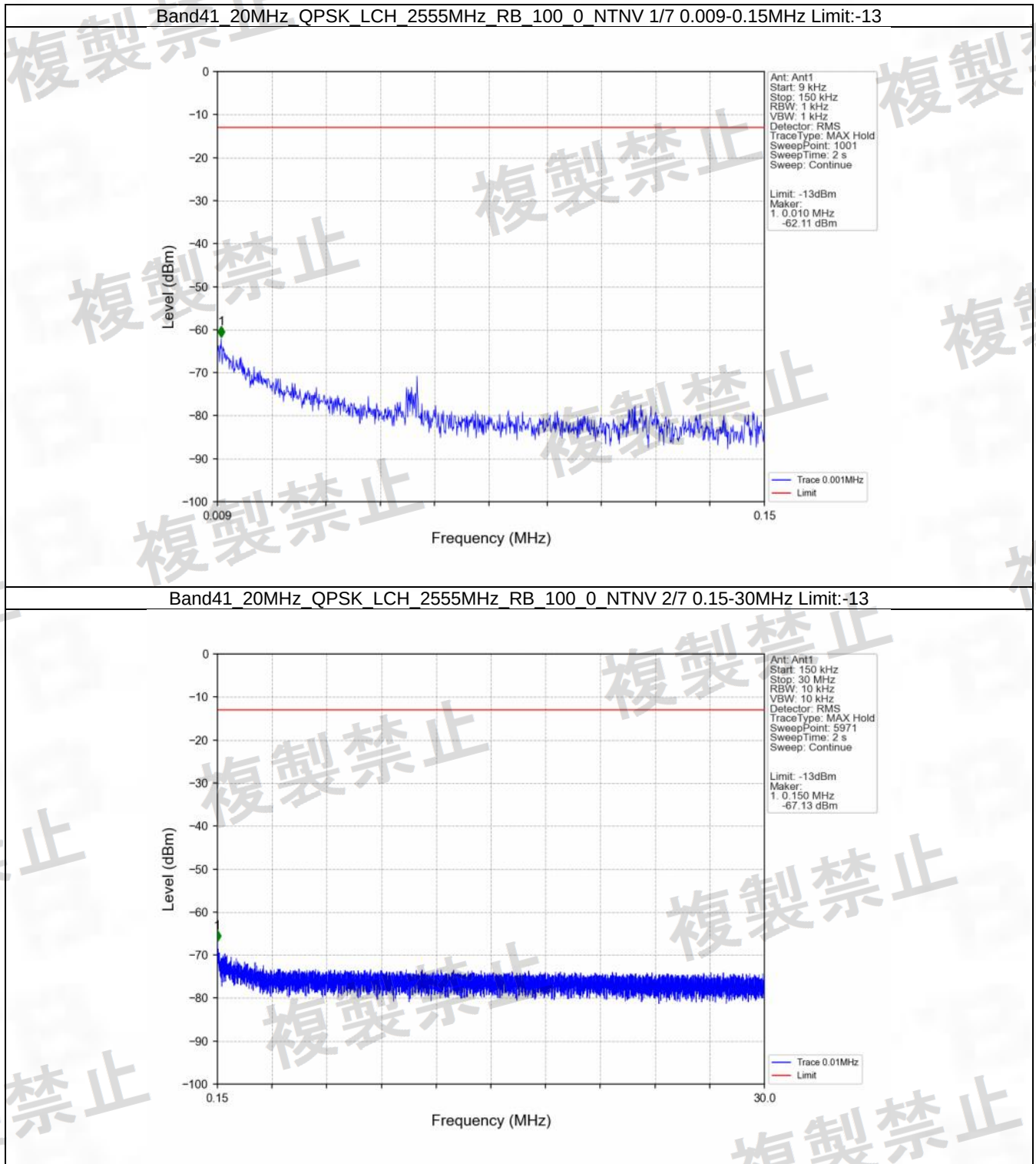
Band41 20MHz QPSK LCH 2555MHz RB 1 99 NTV 1/7 0.009-0.15MHz Limit:-13



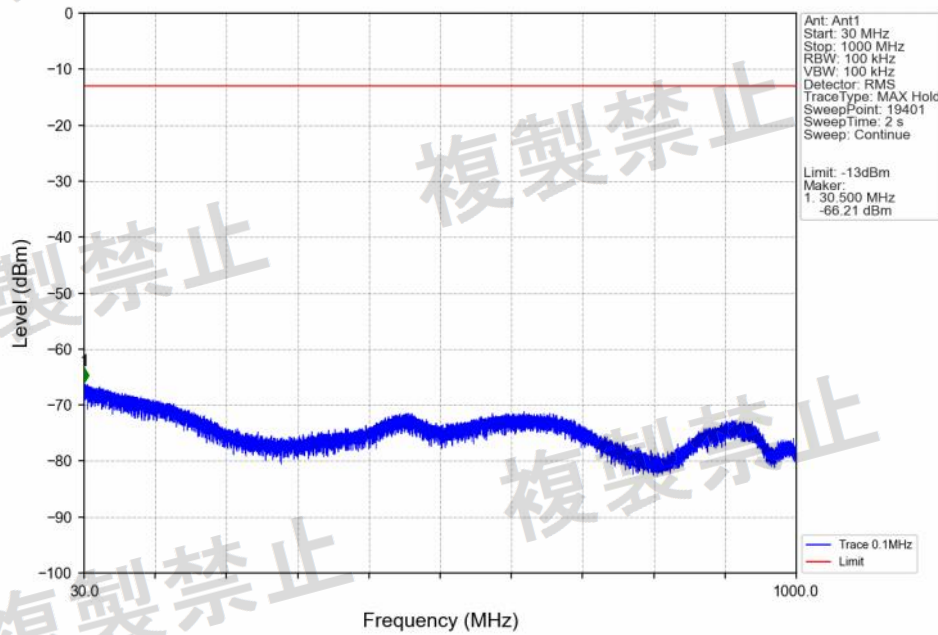




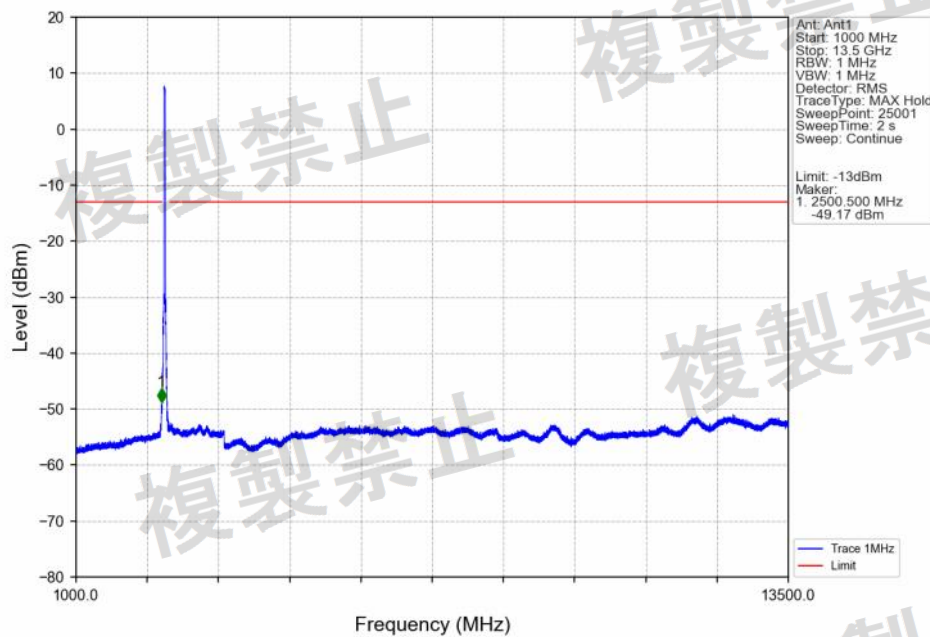


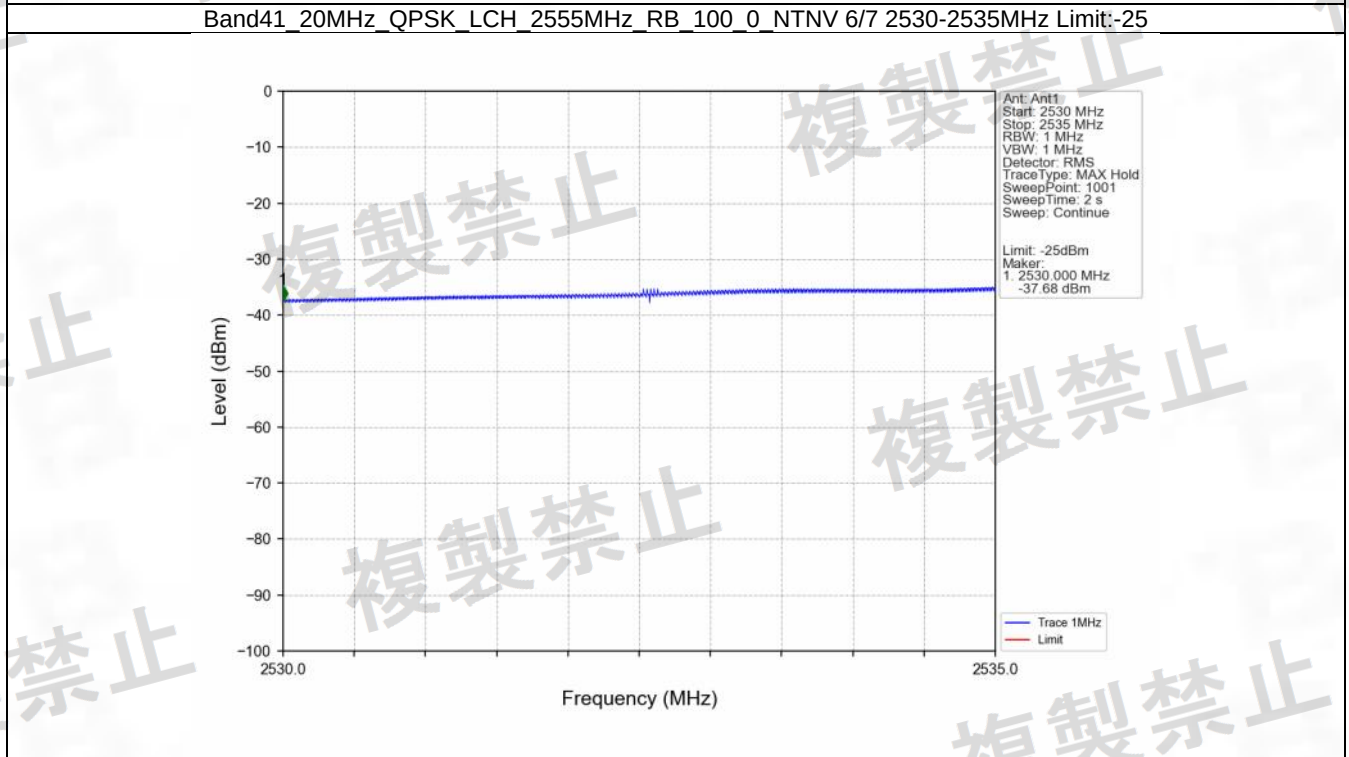
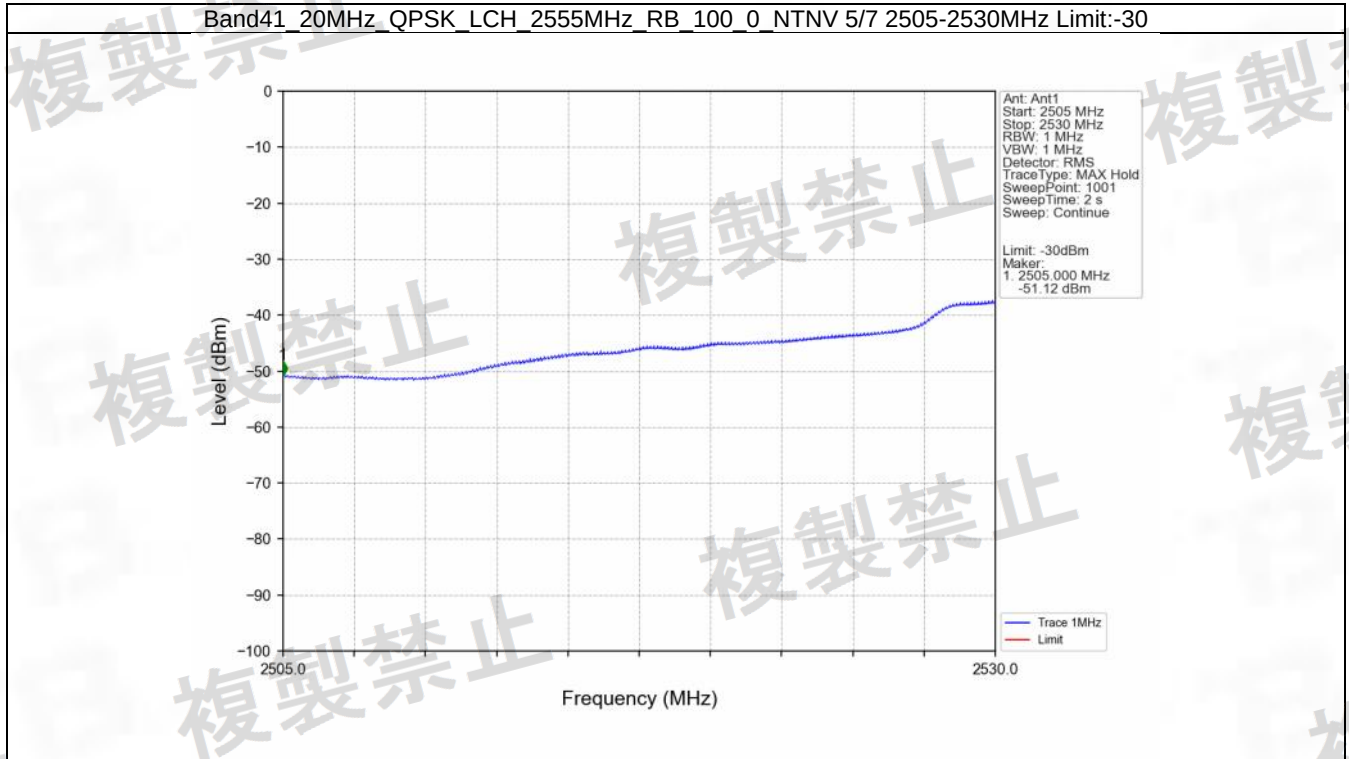


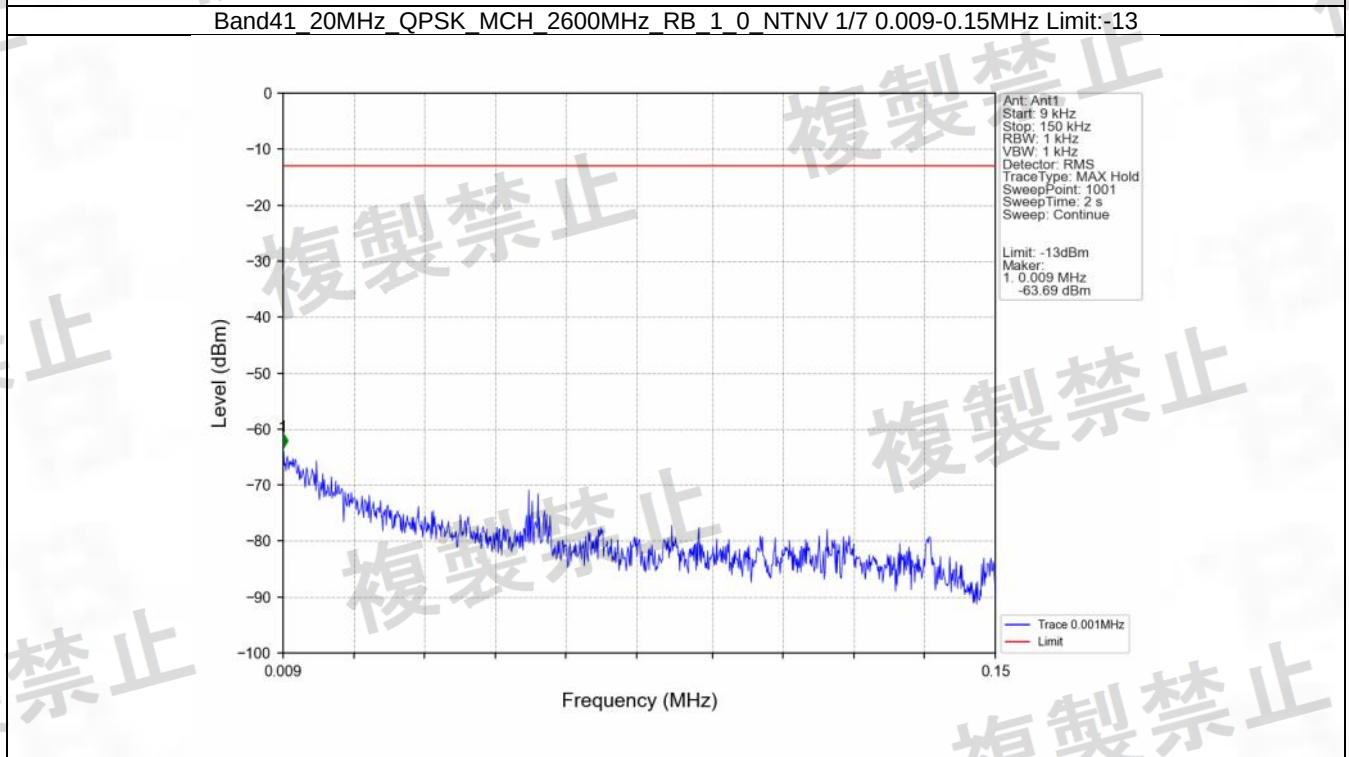
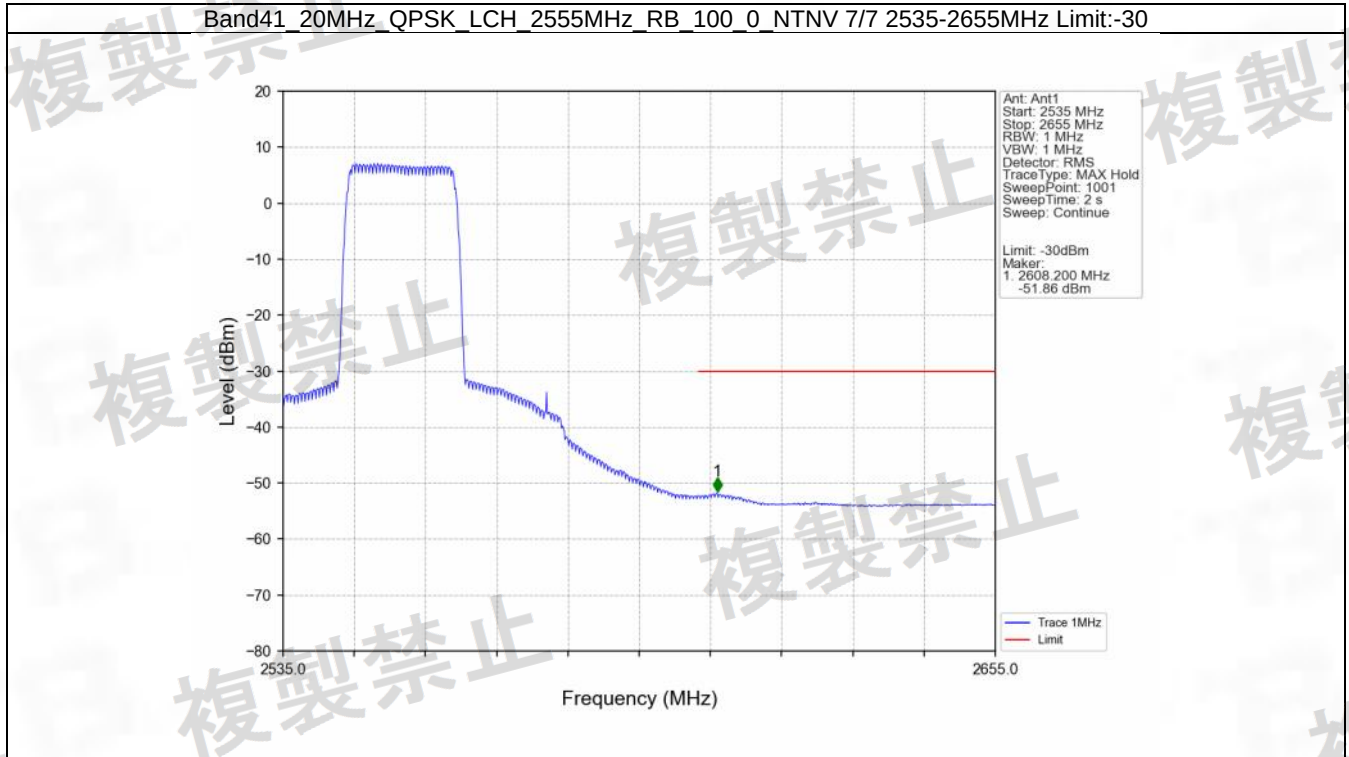
Band41_20MHz_QPSK_LCH_2555MHz_RB_100_0_NTNV 3/7 30-1000MHz Limit:-13

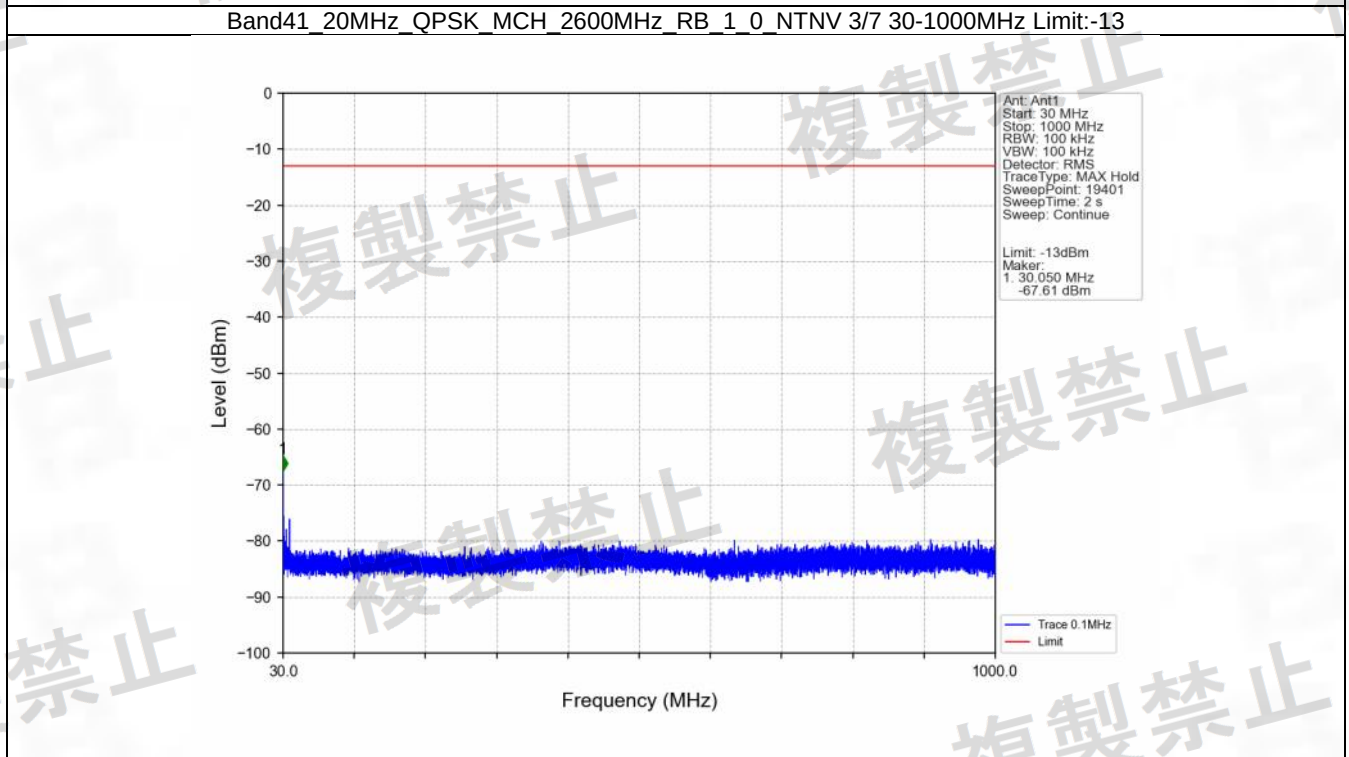
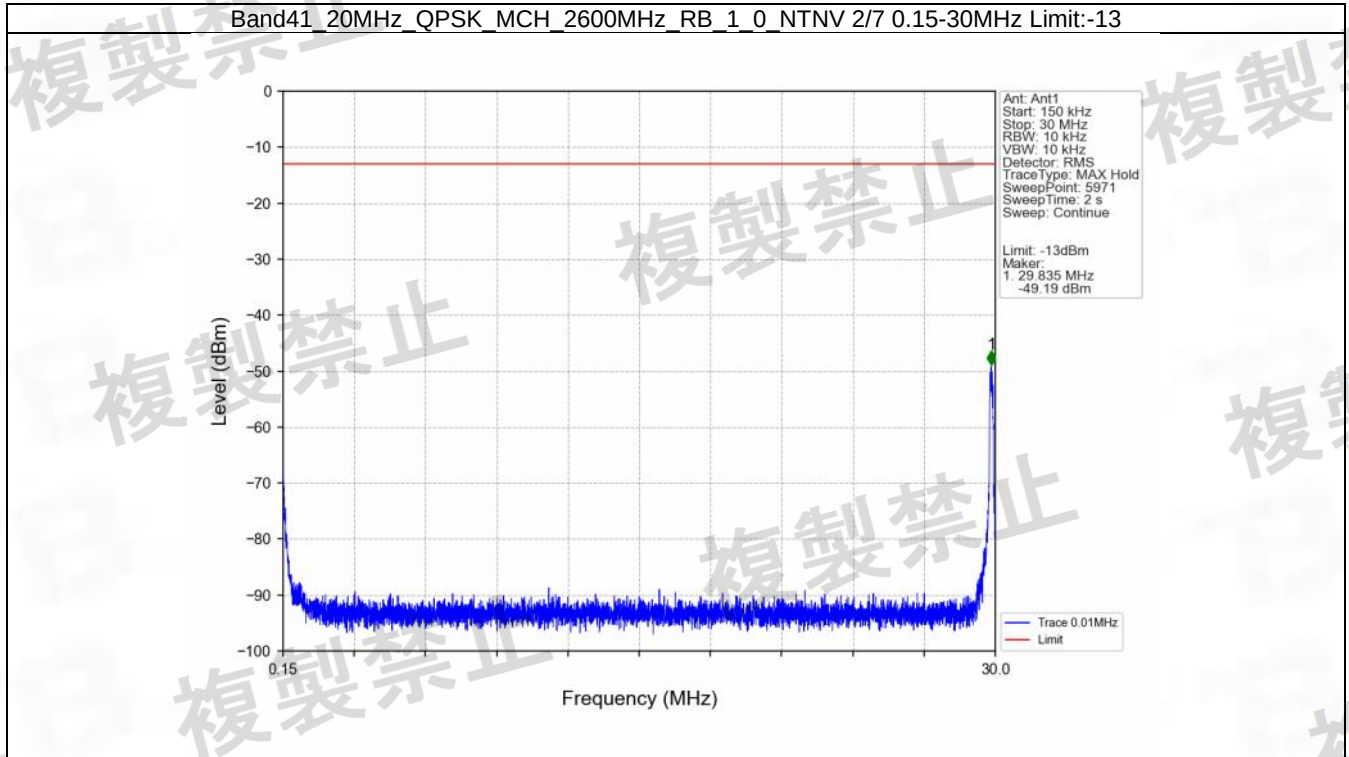


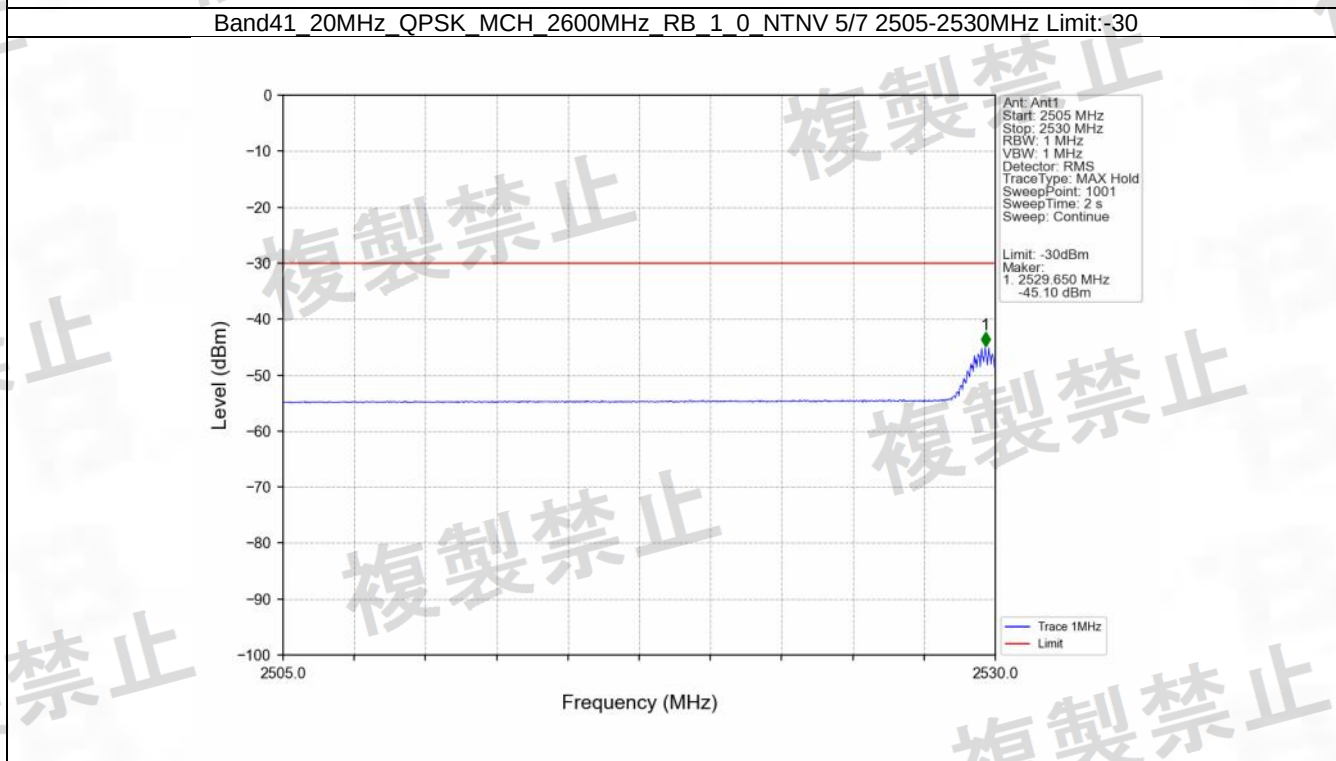
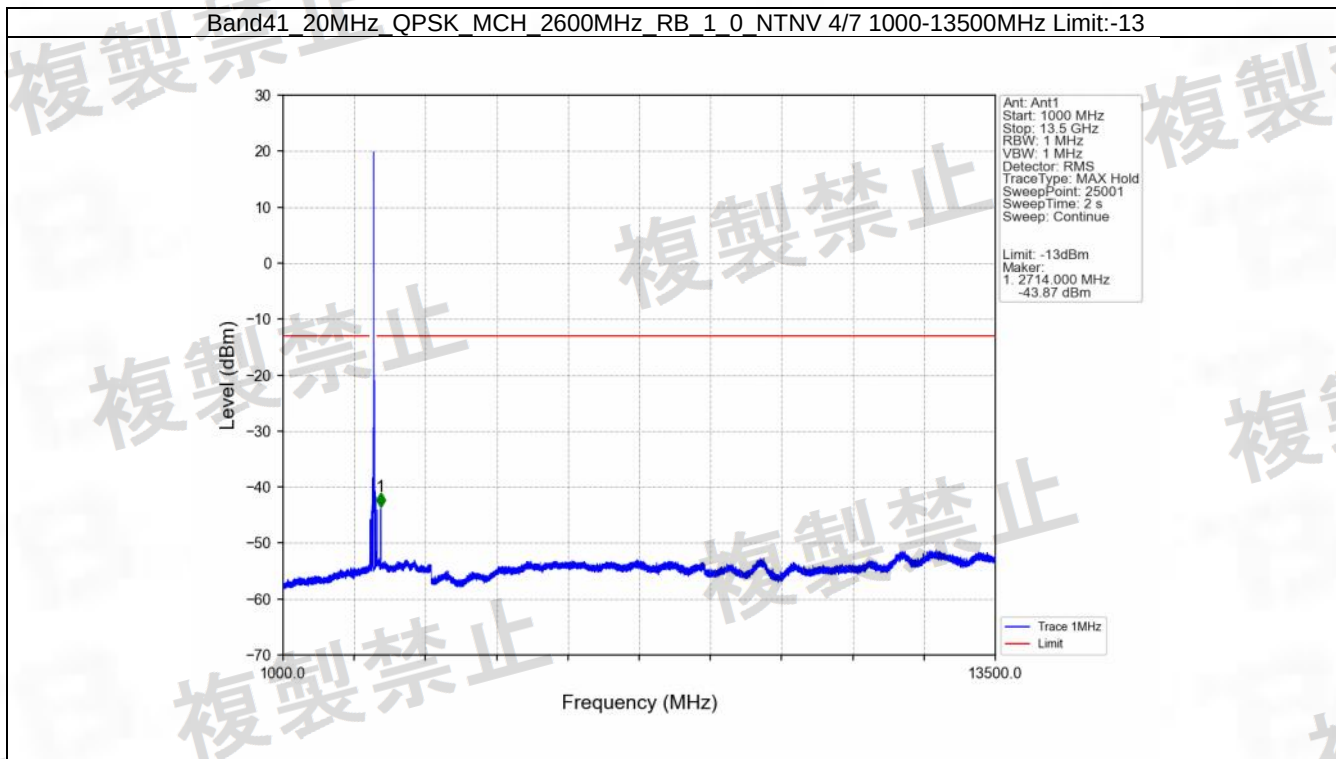
Band41_20MHz_QPSK_LCH_2555MHz_RB_100_0_NTNV 4/7 1000-13500MHz Limit:-13

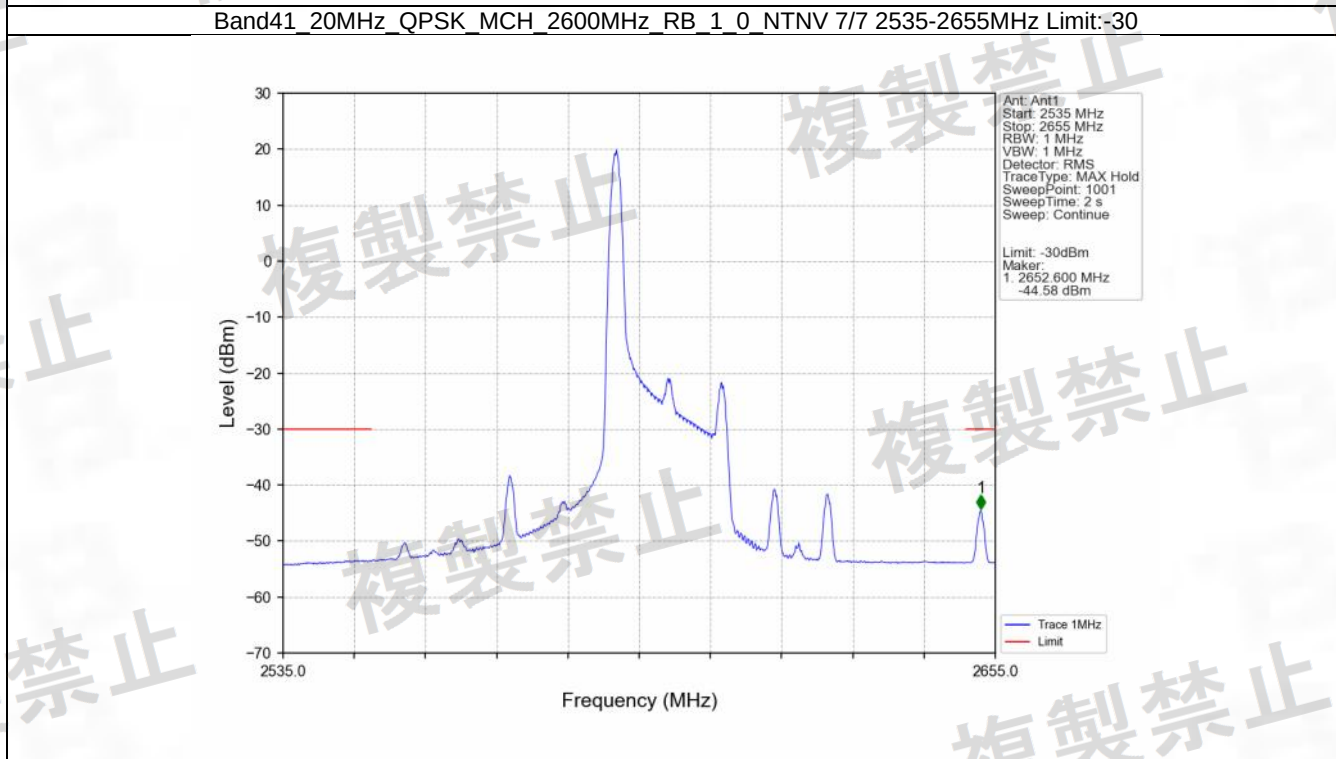
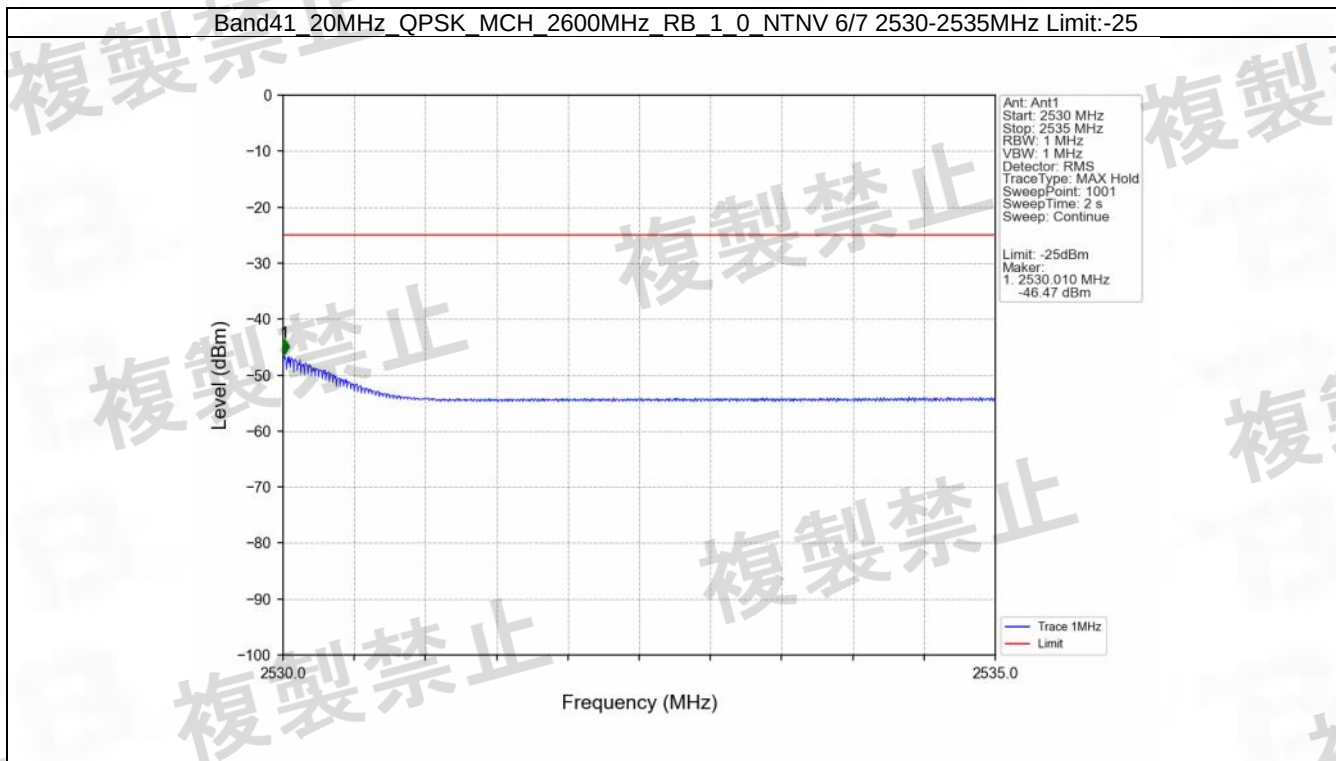


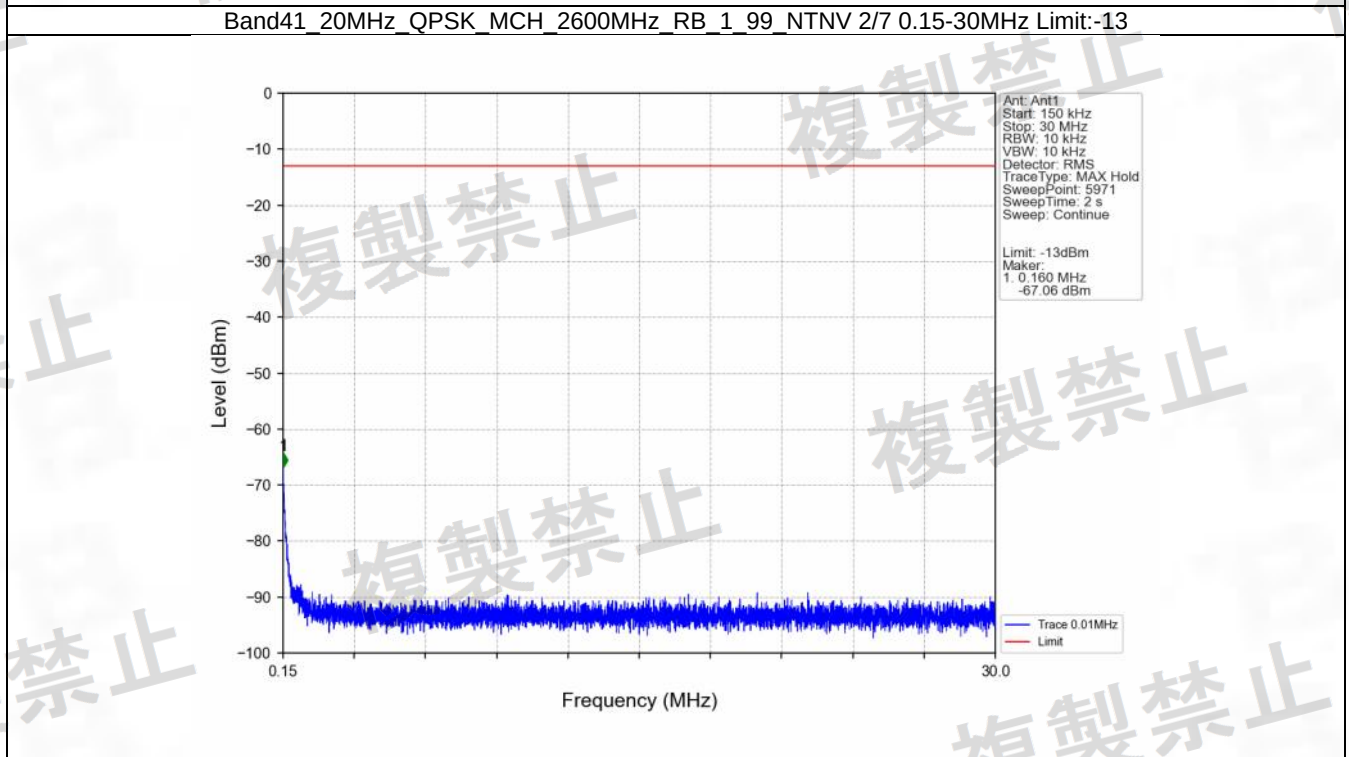
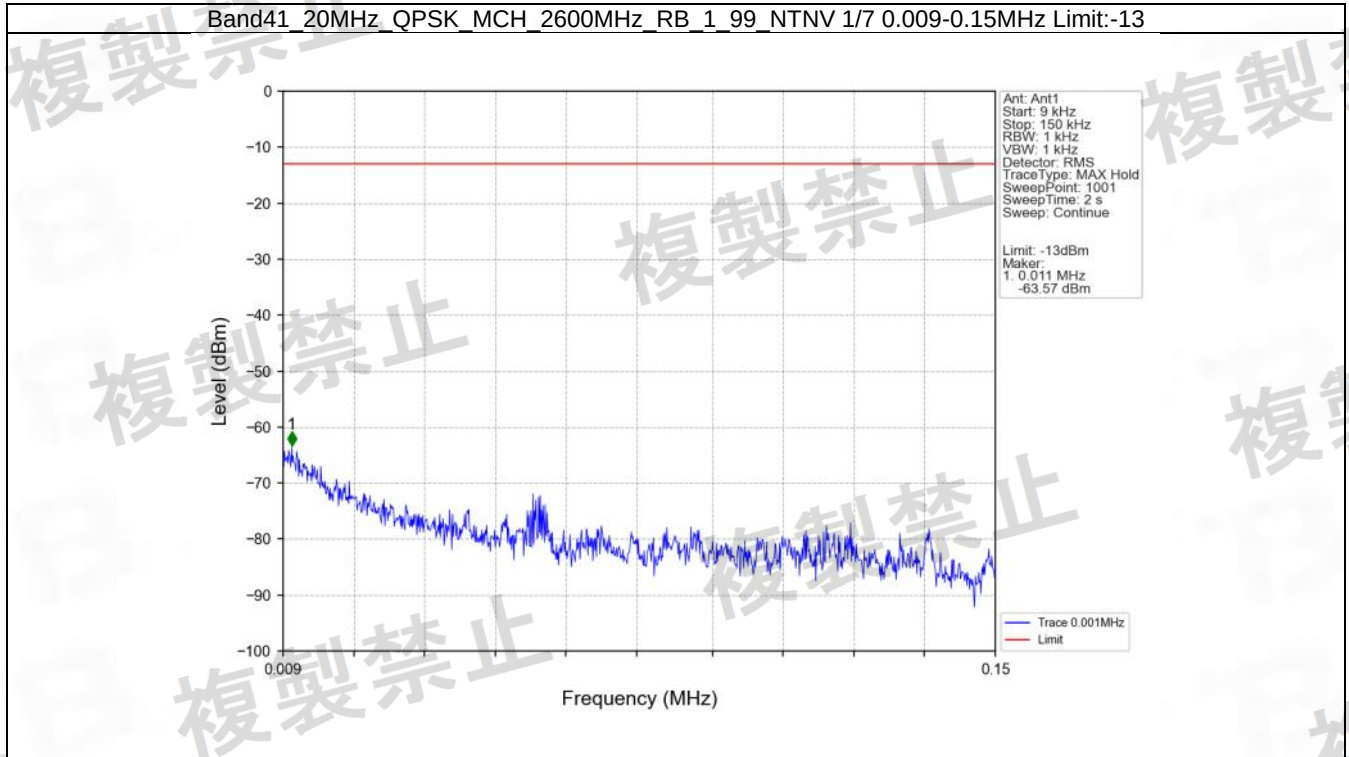


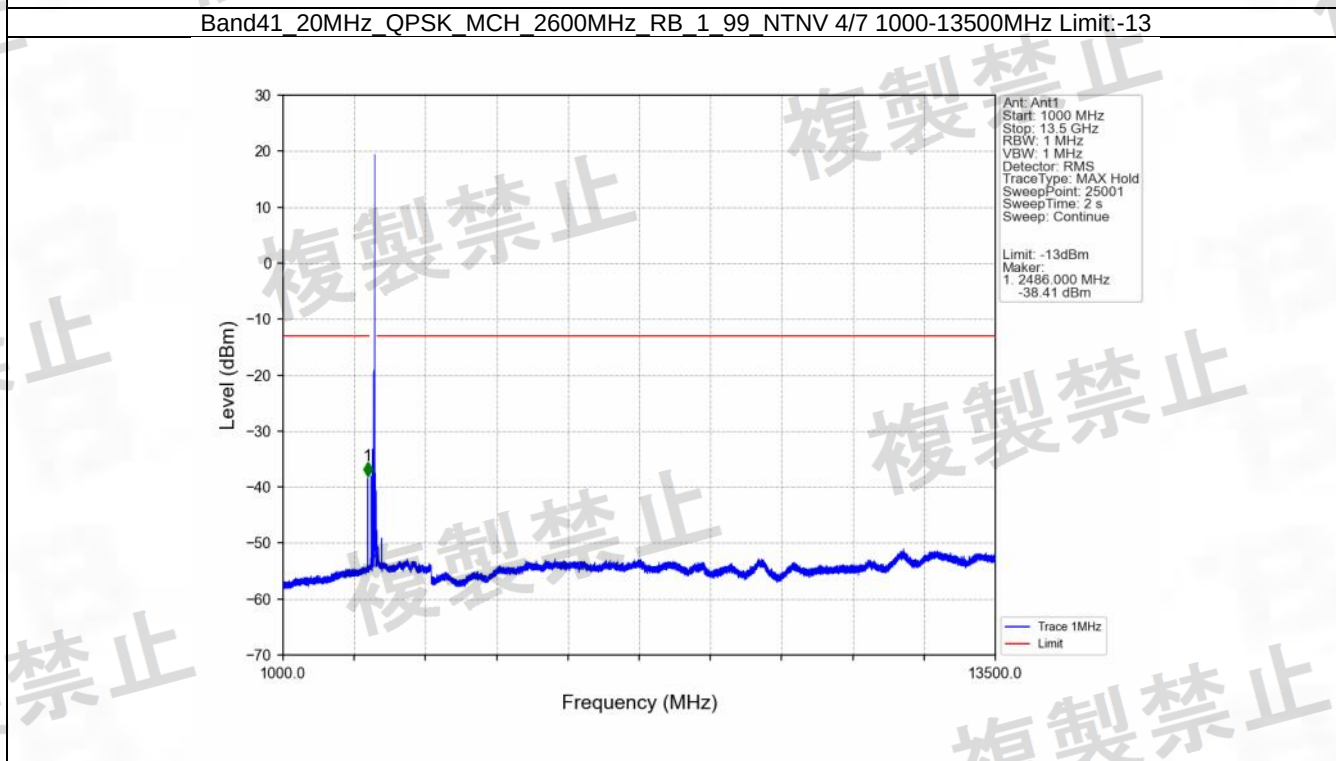
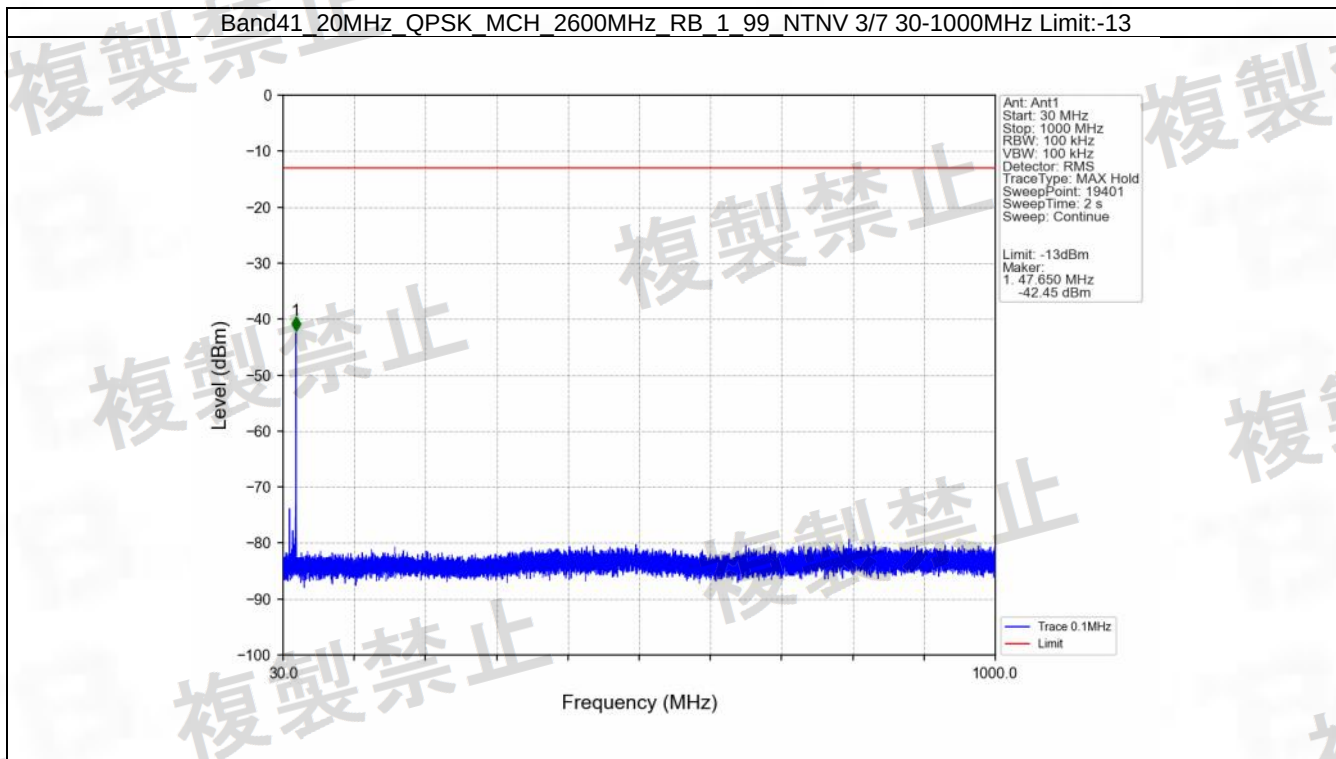




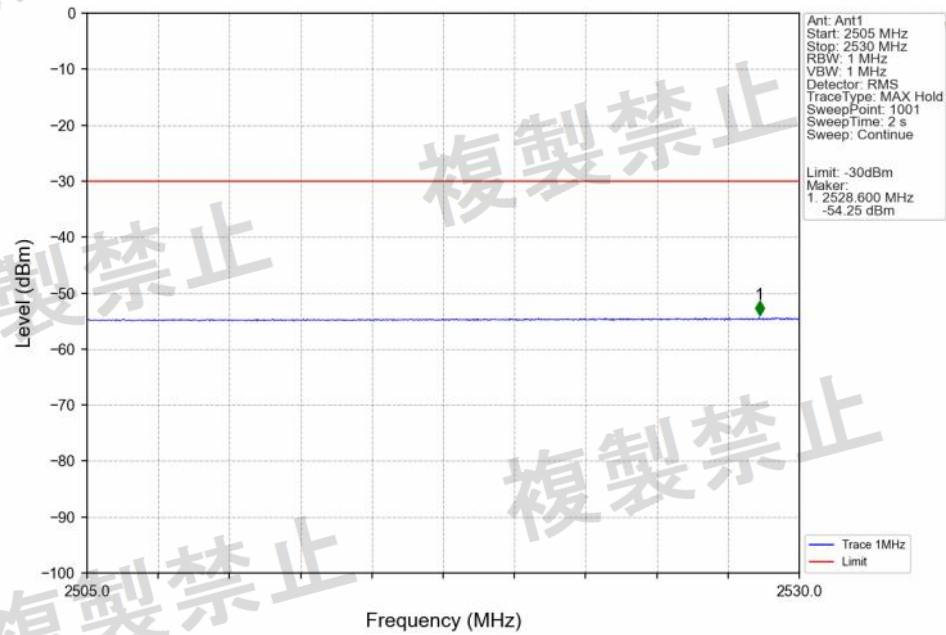




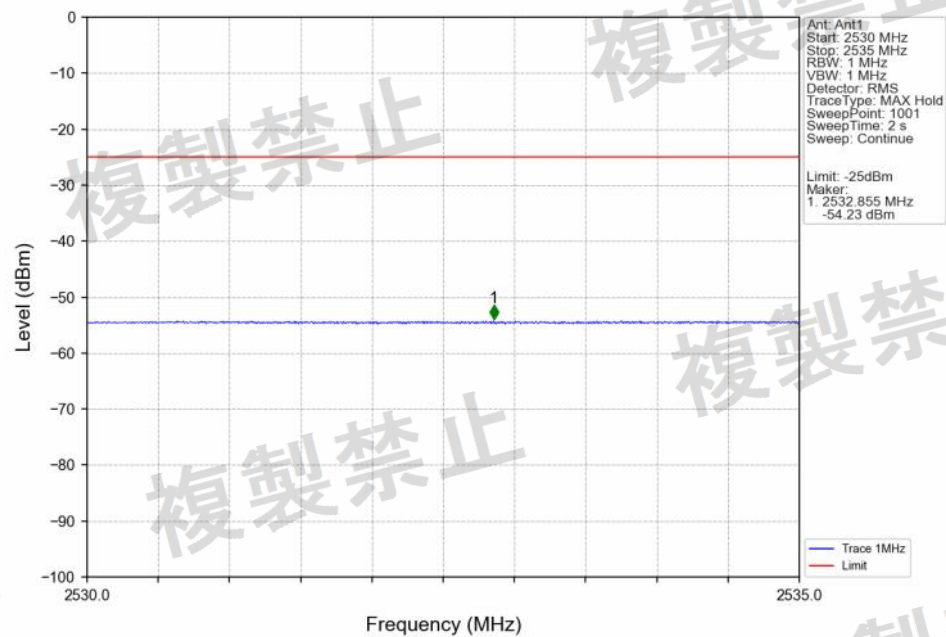




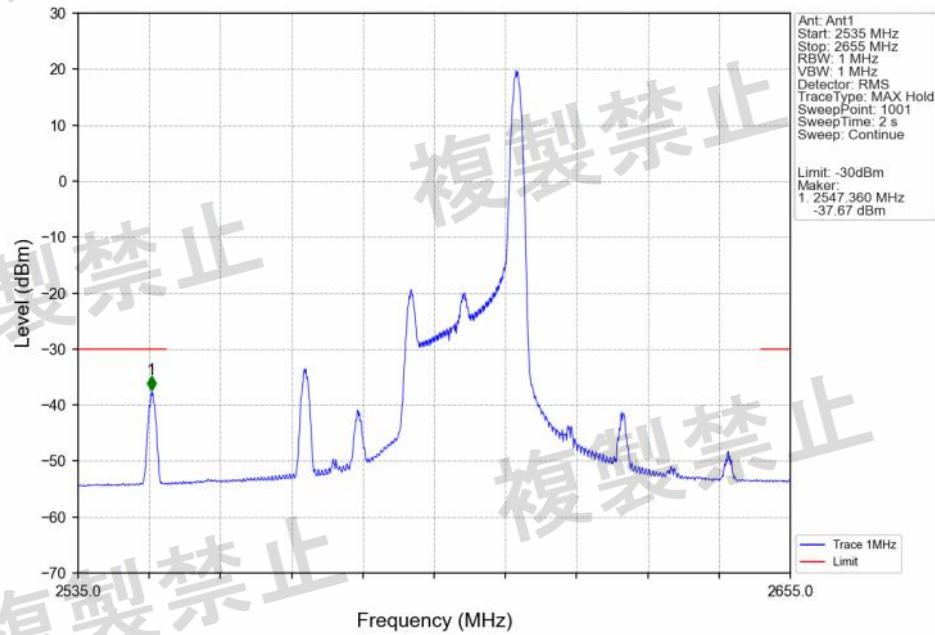
Band41 20MHz QPSK MCH 2600MHz RB 1 99 NTNV 5/7 2505-2530MHz Limit:-30



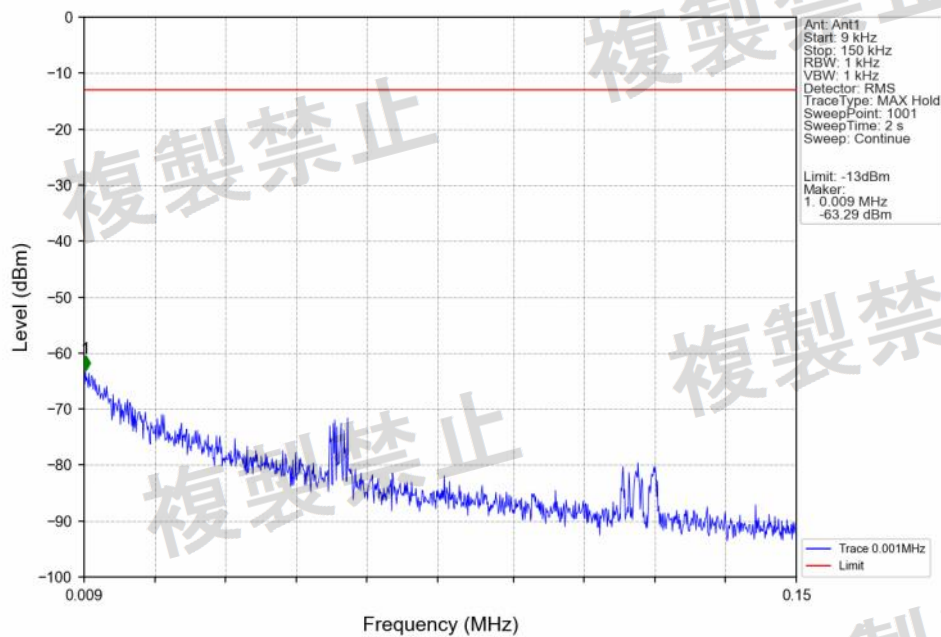
Band41 20MHz QPSK MCH 2600MHz RB 1 99 NTNV 6/7 2530-2535MHz Limit:-25



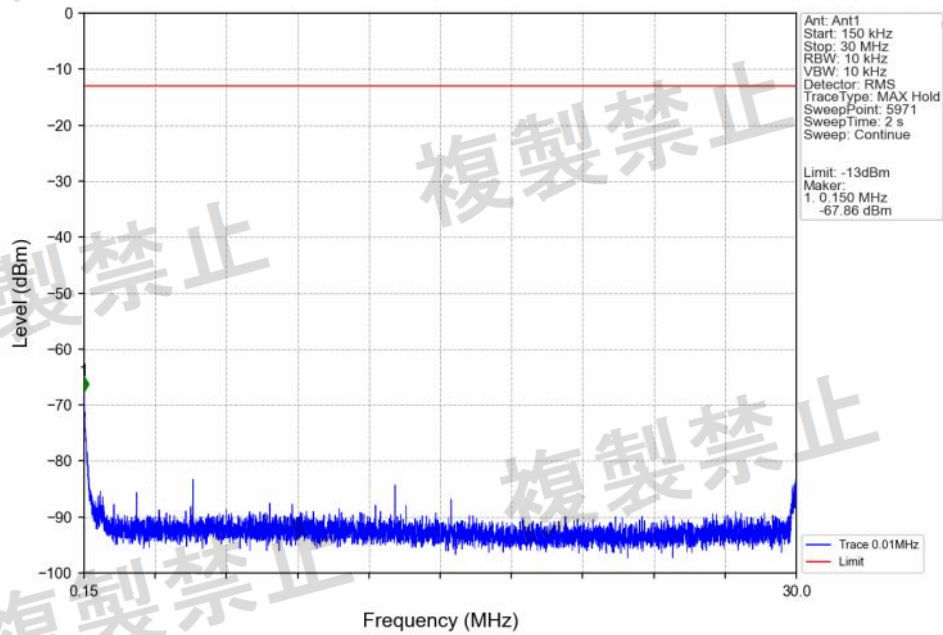
Band41 20MHz QPSK MCH 2600MHz RB 1 99 NTV 7/7 2535-2655MHz Limit:-30



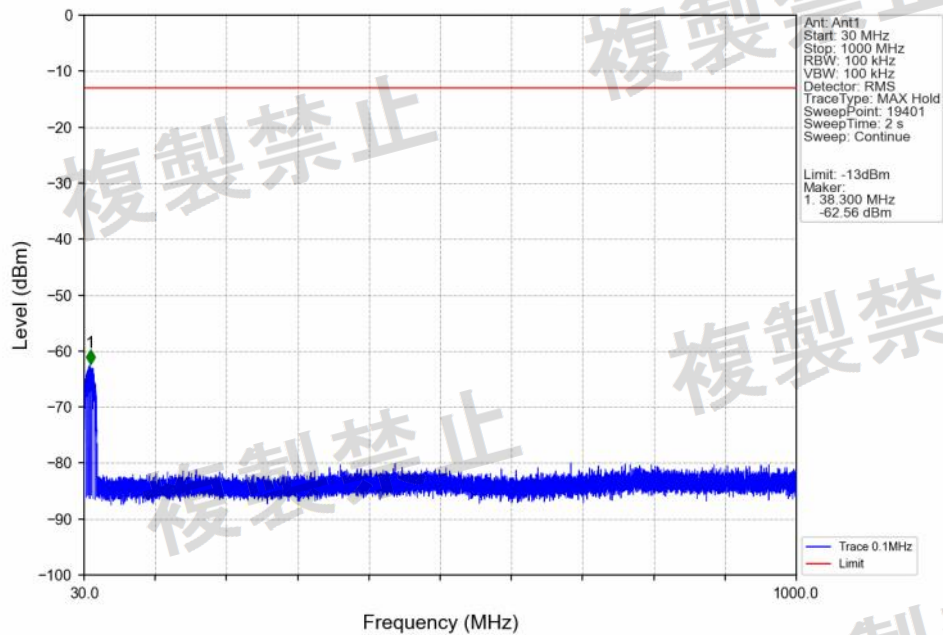
Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTV 1/7 0.009-0.15MHz Limit:-13



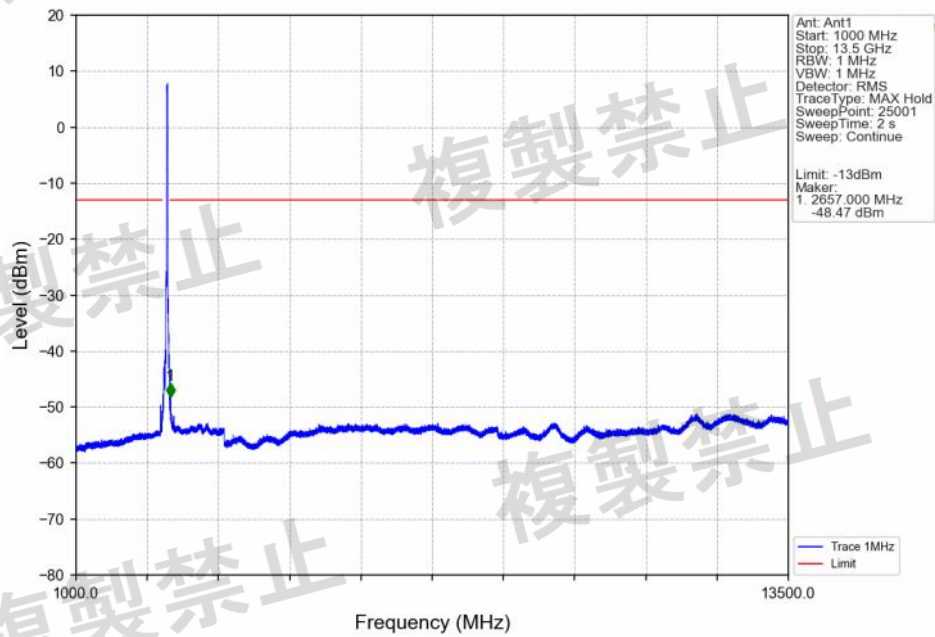
Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV 2/7 0.15-30MHz Limit:-13



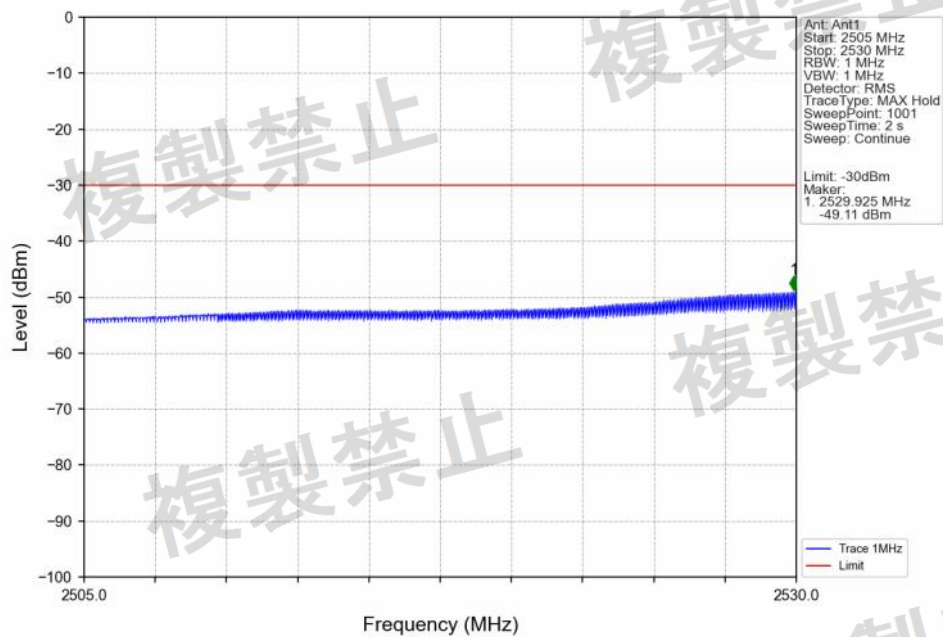
Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV 3/7 30-1000MHz Limit:-13

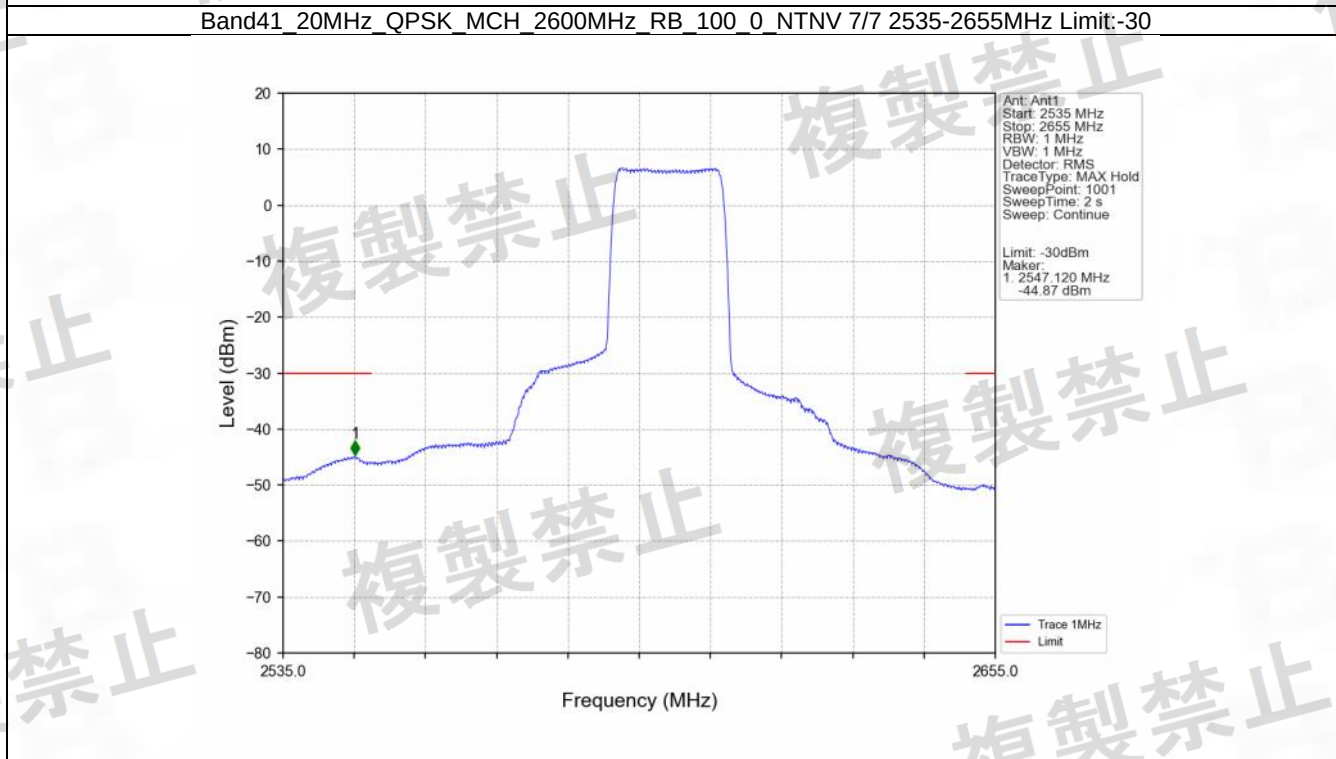
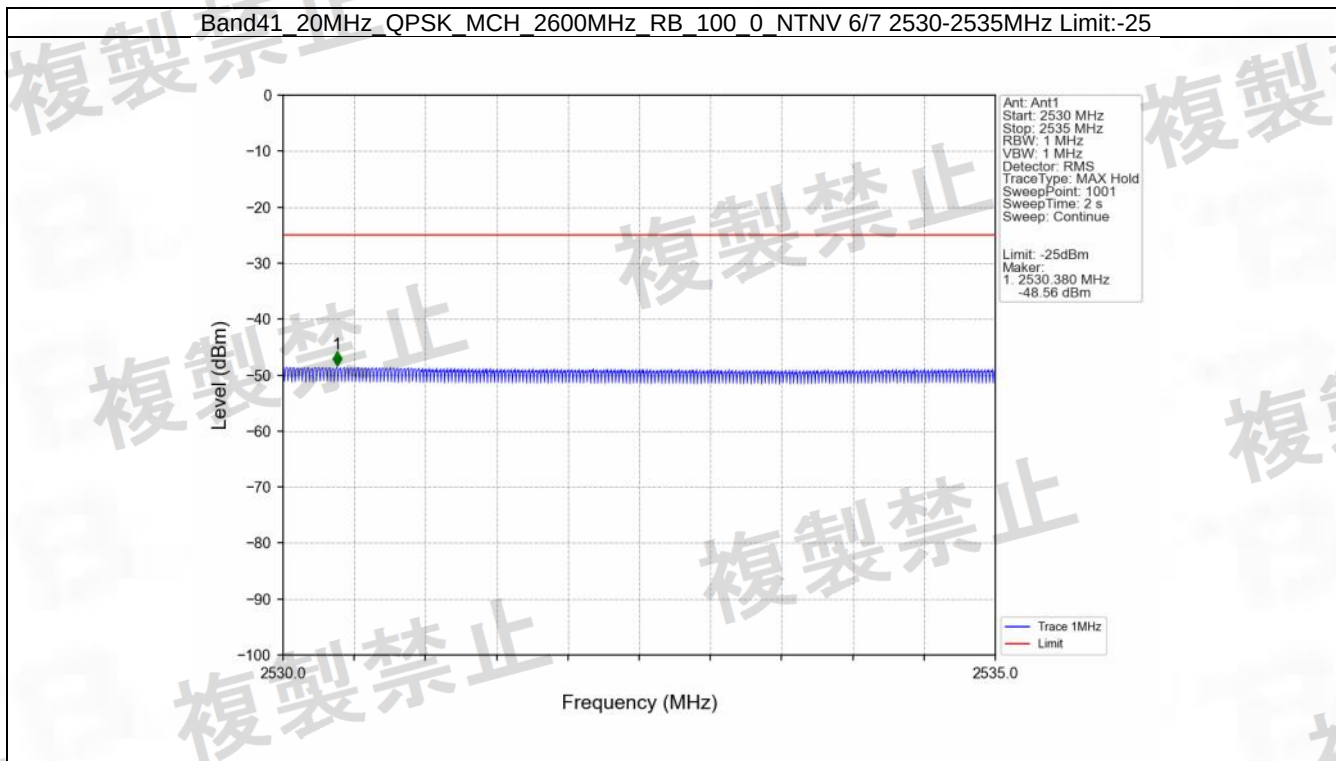


Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV 4/7 1000-13500MHz Limit:-13

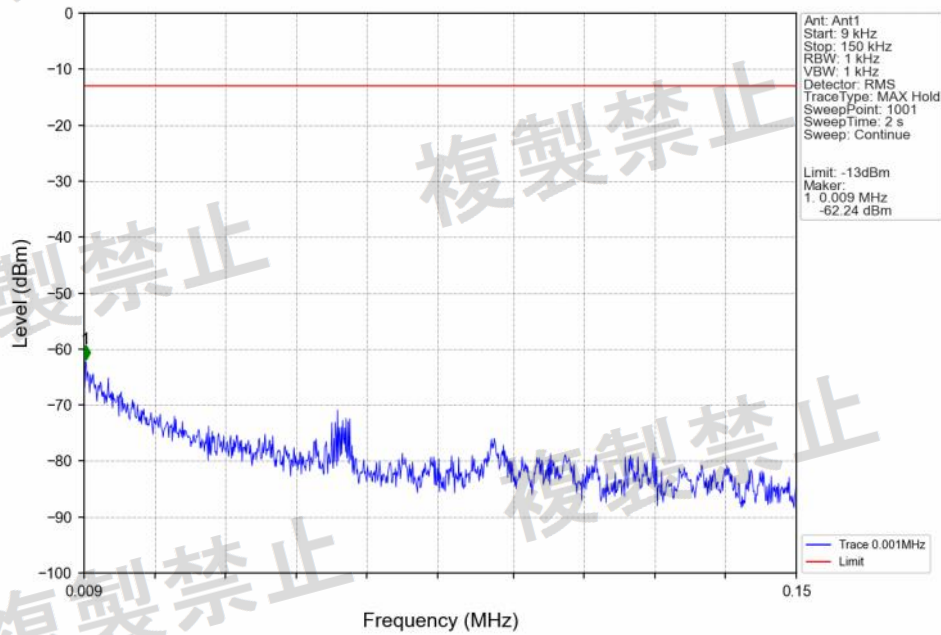


Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV 5/7 2505-2530MHz Limit:-30

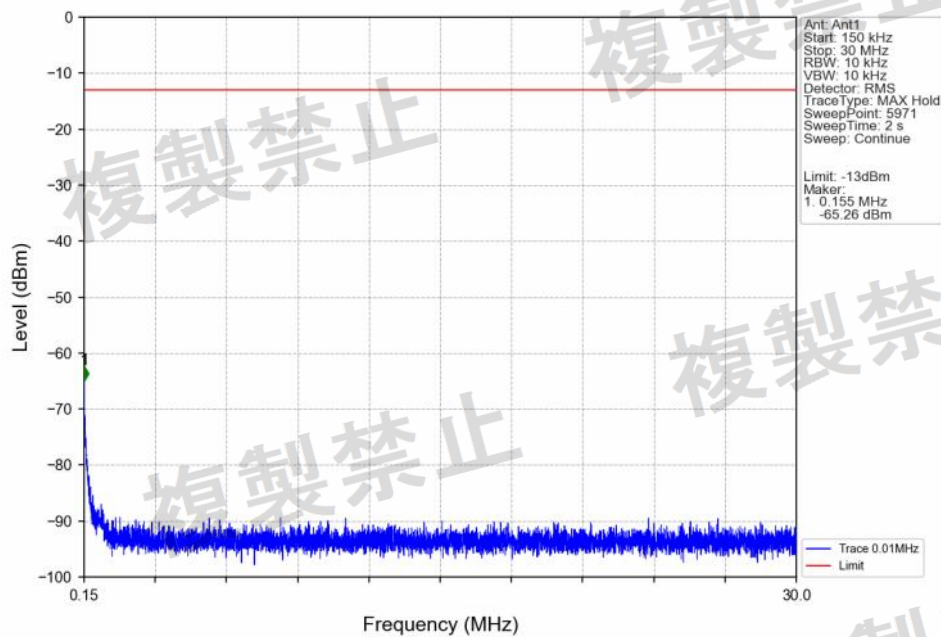




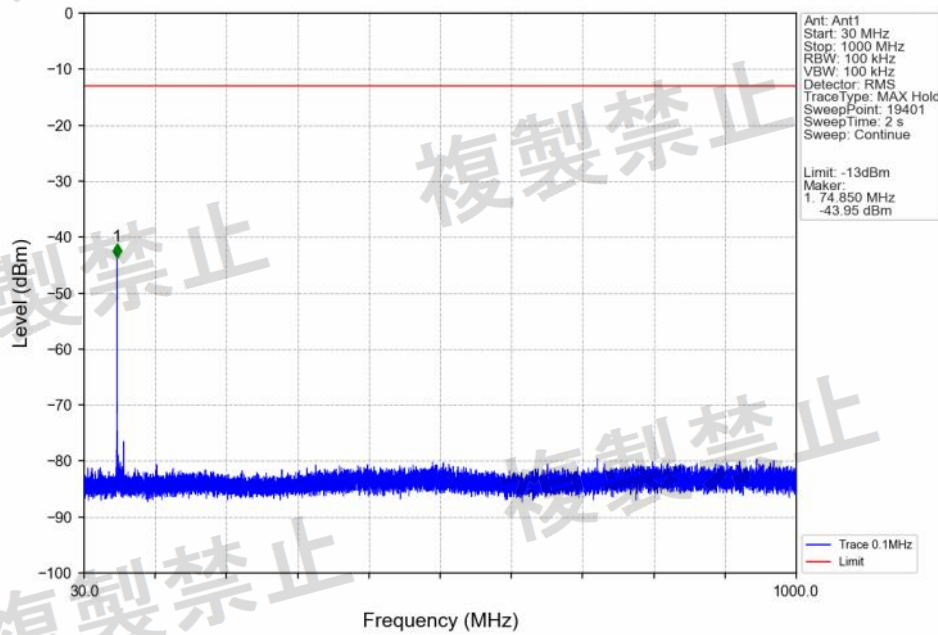
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV 1/7 0.009-0.15MHz Limit:-13



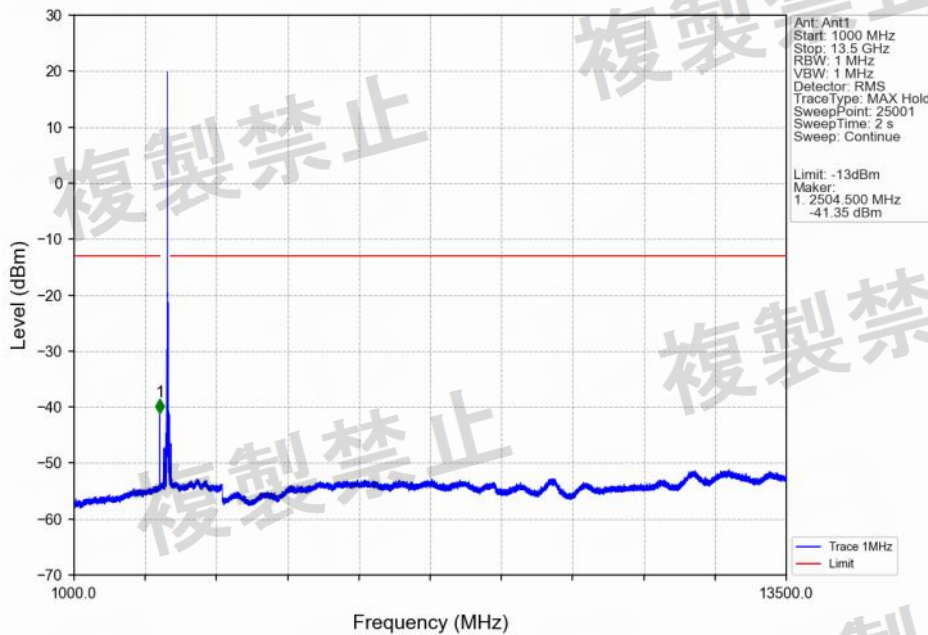
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV 2/7 0.15-30MHz Limit:-13



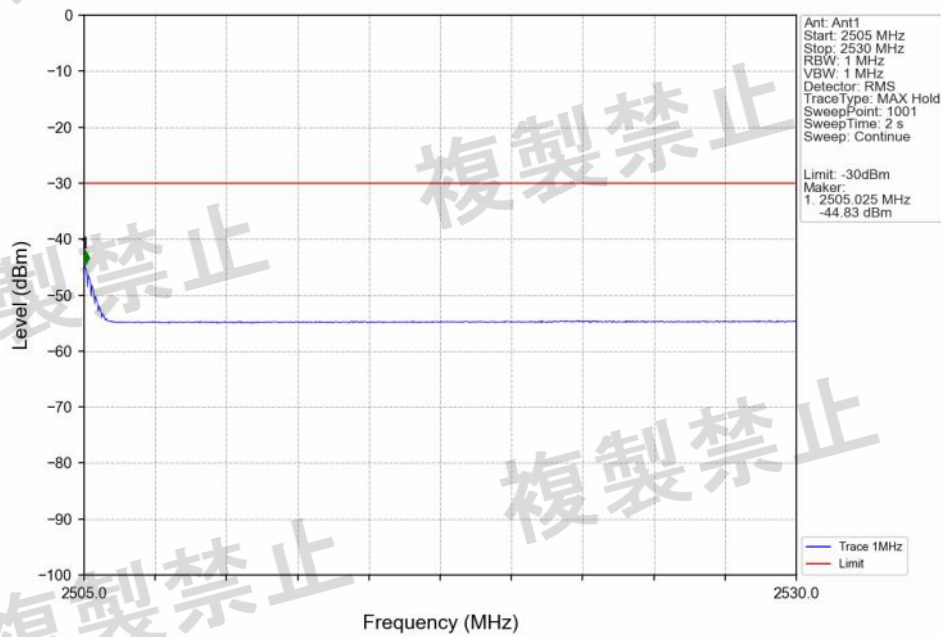
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV_3/7_30-1000MHz_Limit:-13



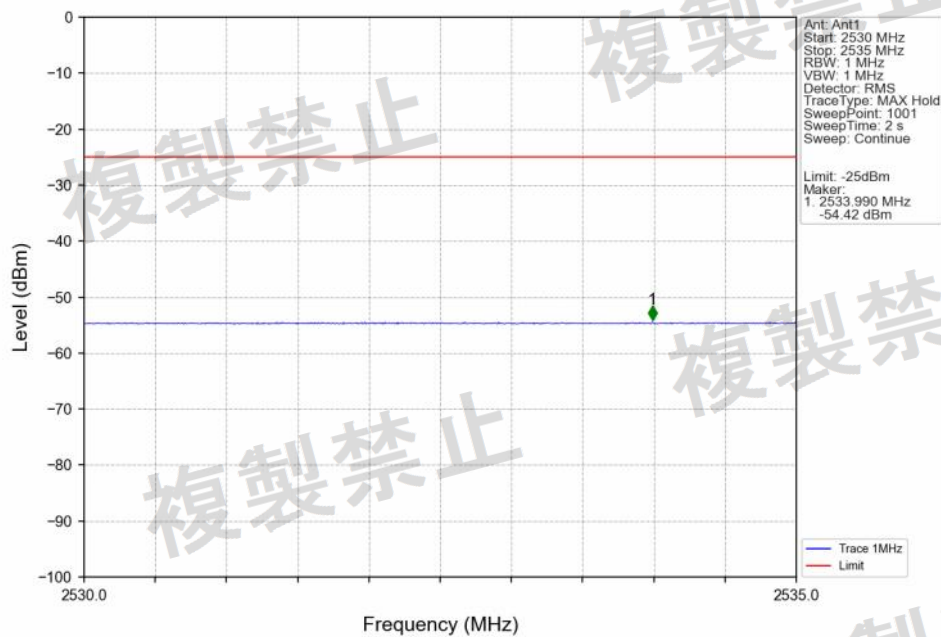
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV_4/7_1000-13500MHz_Limit:-13



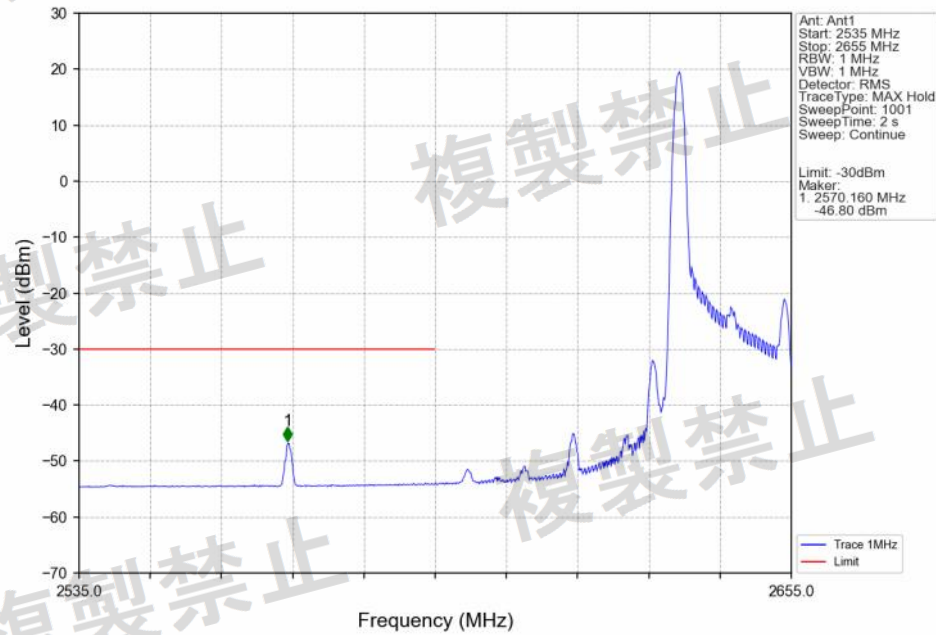
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV 5/7 2505-2530MHz Limit:-30



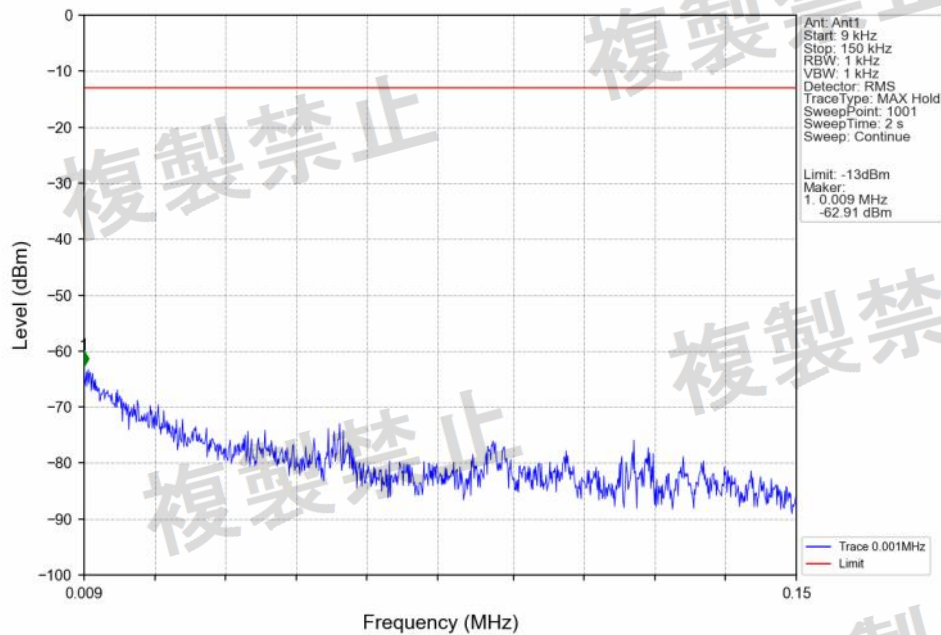
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV 6/7 2530-2535MHz Limit:-25

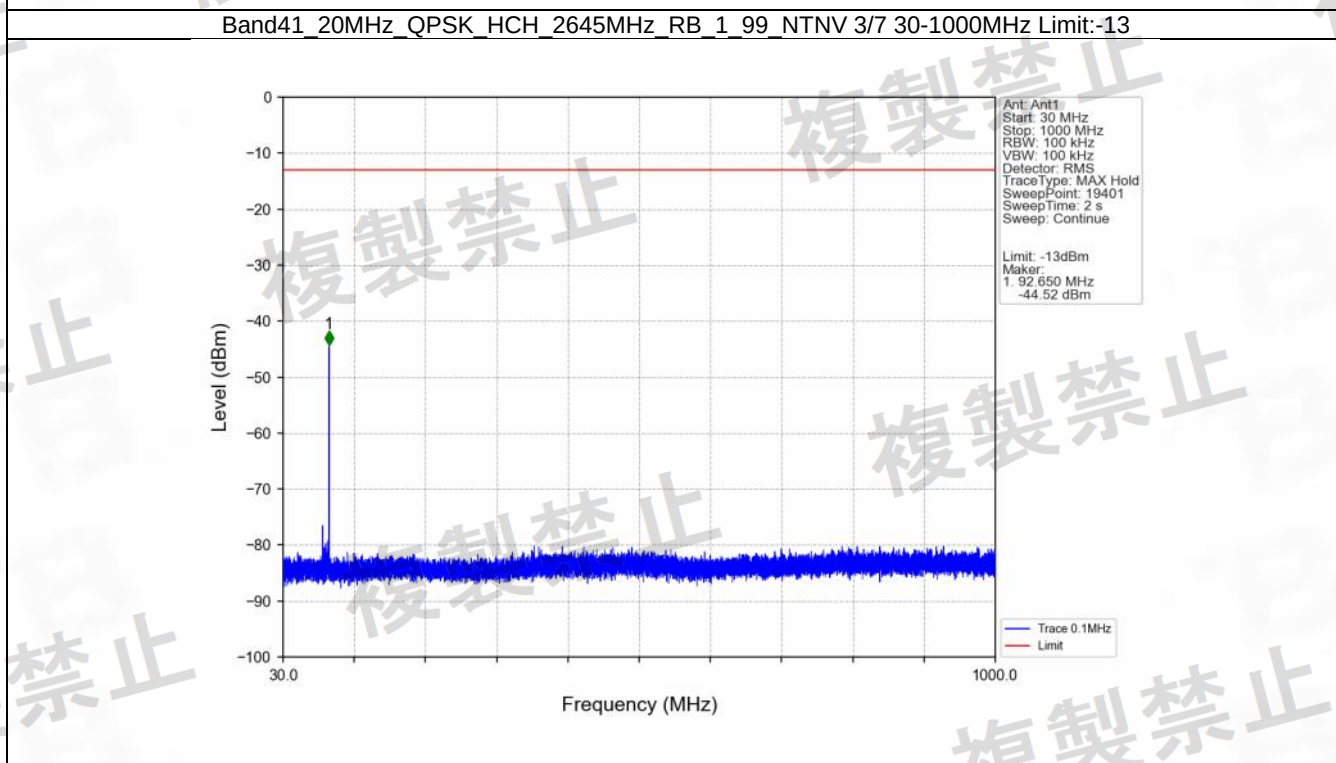
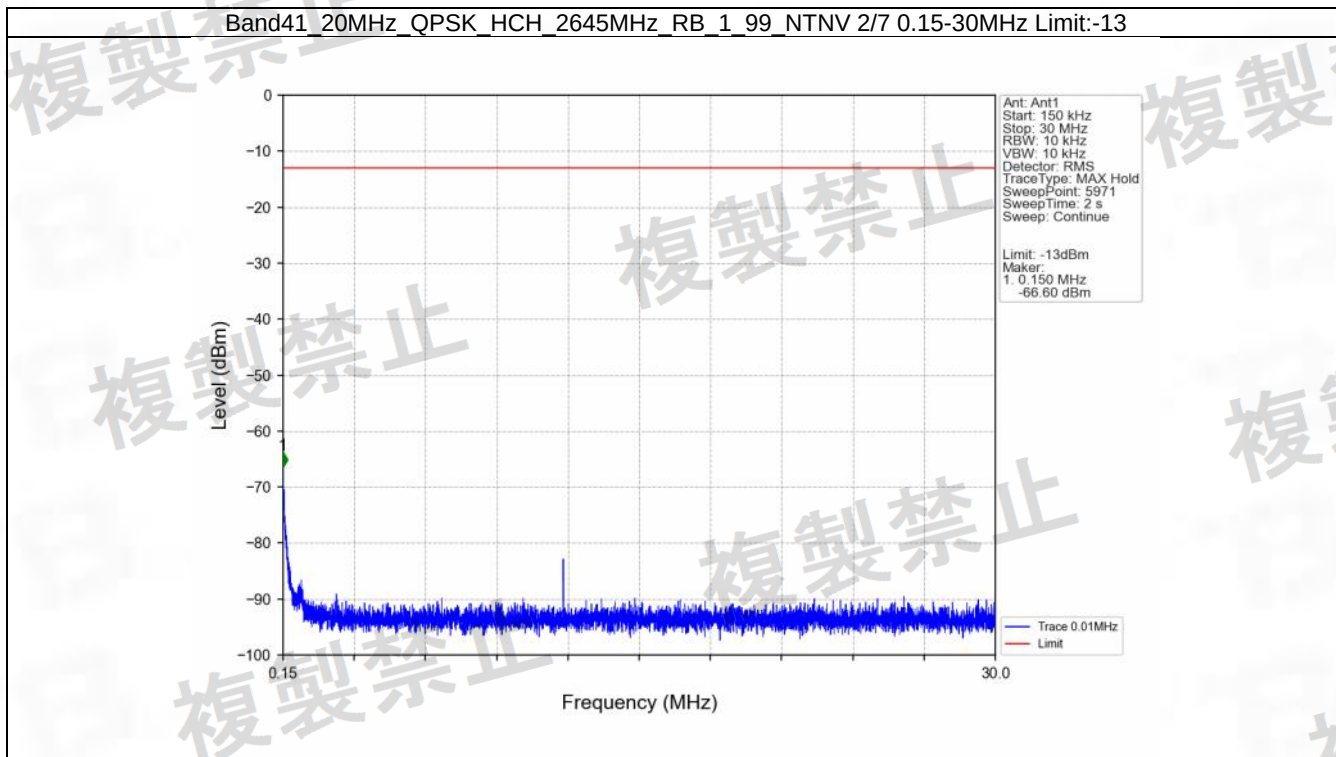


Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV_7/7_2535-2655MHz_Limit:-30

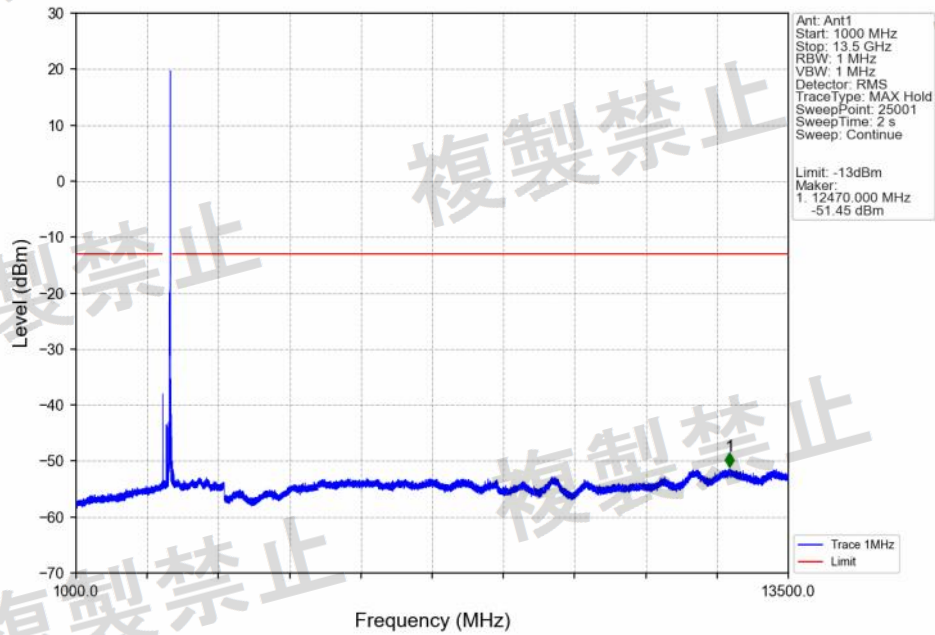


Band41_20MHz_QPSK_HCH_2645MHz_RB_1_99_NTNV_1/7_0.009-0.15MHz_Limit:-13

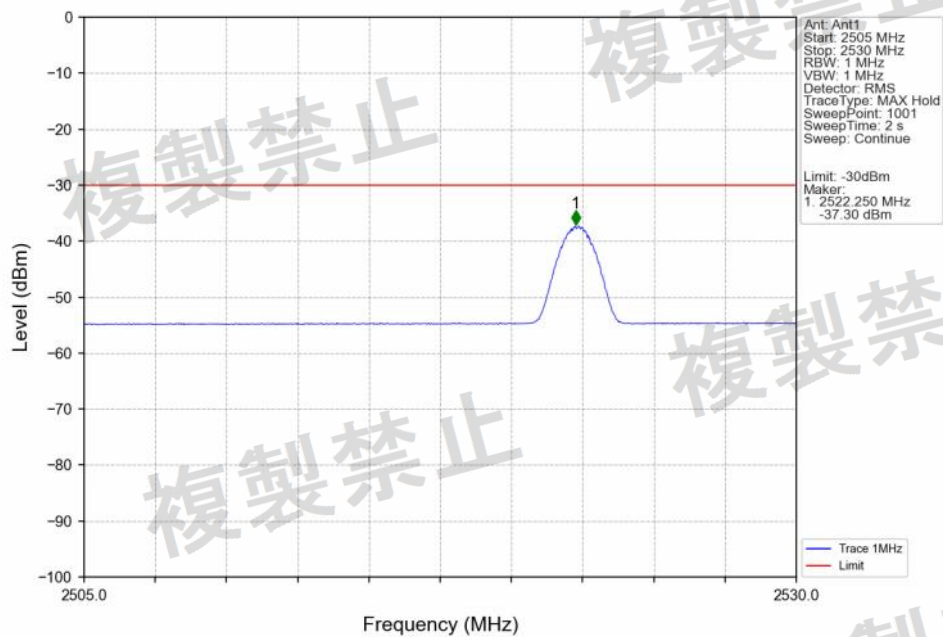


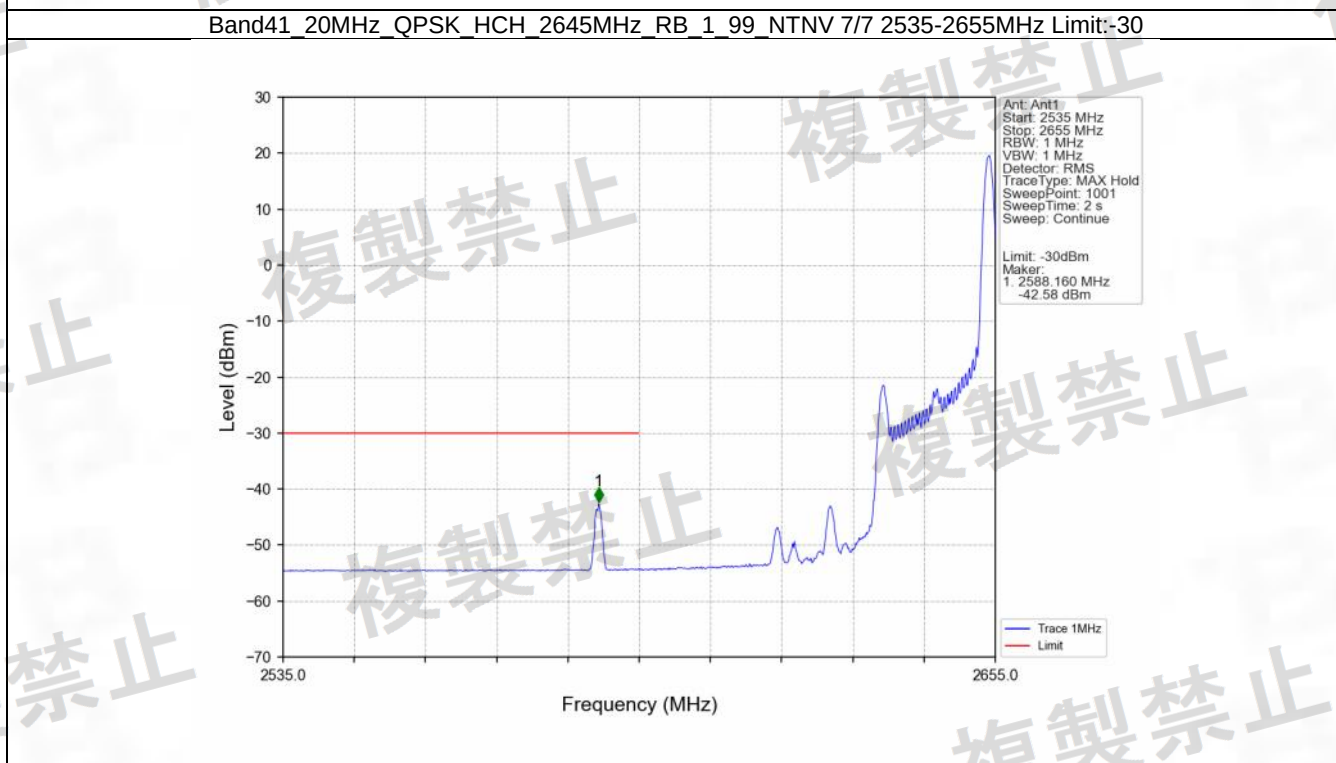
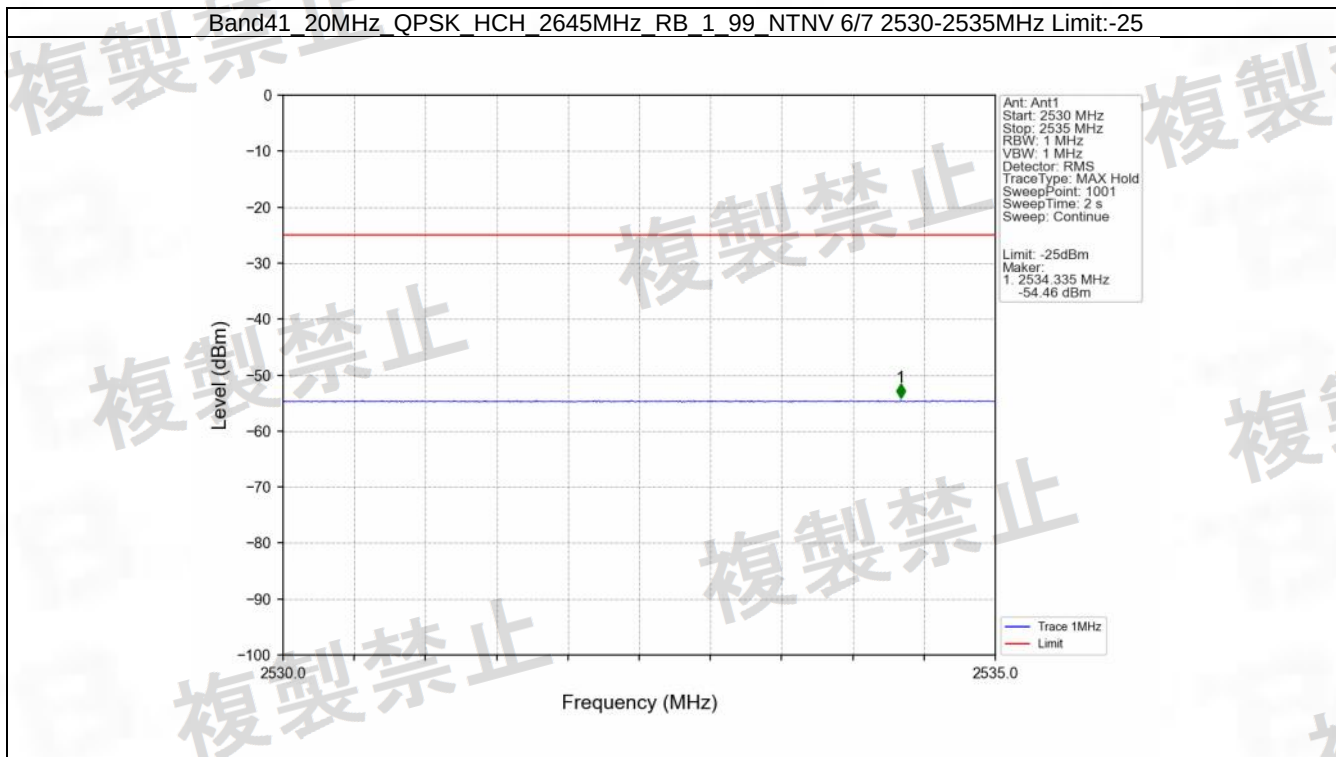


Band41_20MHz_QPSK_HCH_2645MHz_RB_1_99_NTNV 4/7 1000-13500MHz Limit:-13

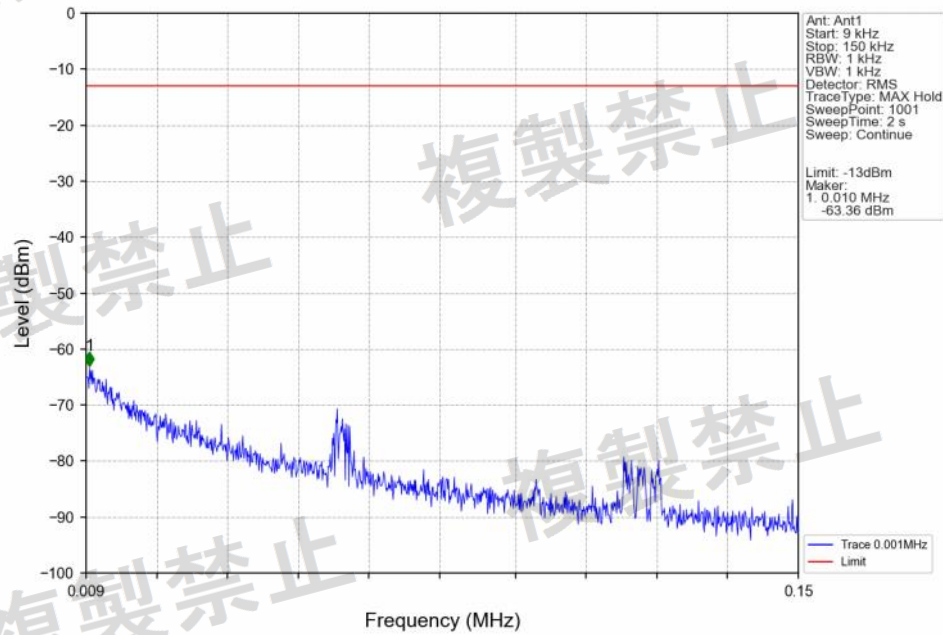


Band41_20MHz_QPSK_HCH_2645MHz_RB_1_99_NTNV 5/7 2505-2530MHz Limit:-30

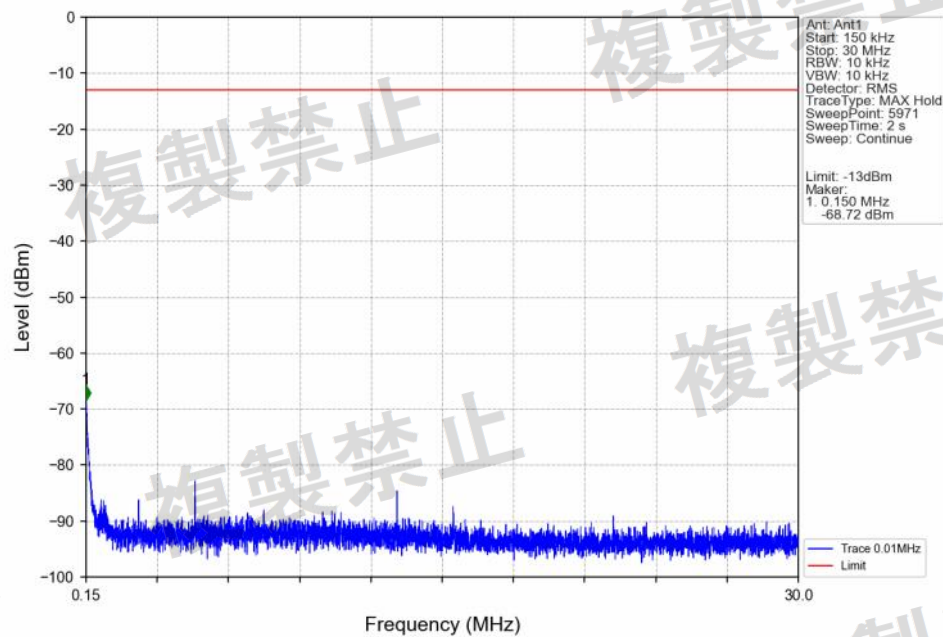




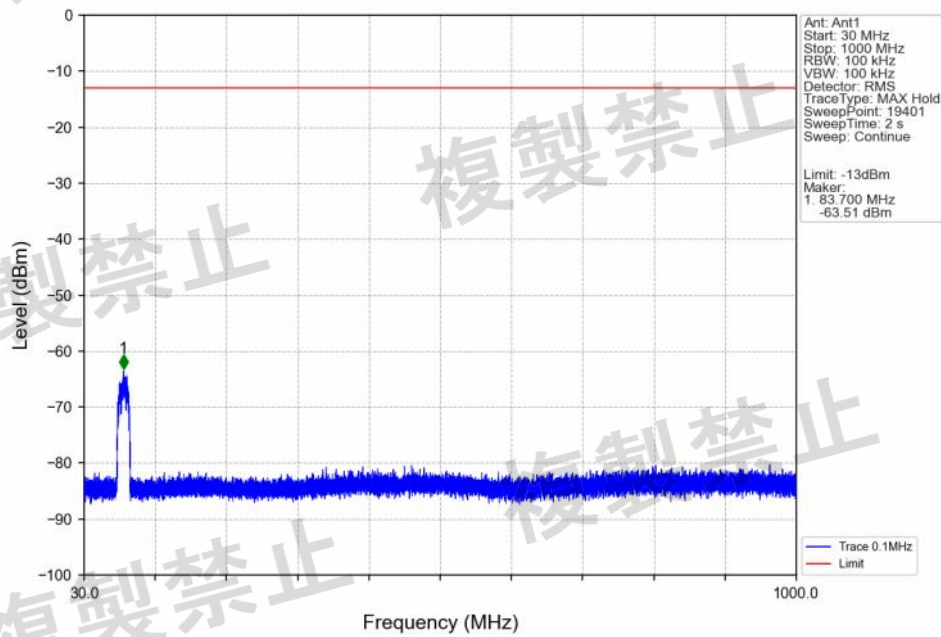
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV 1/7 0.009-0.15MHz Limit:-13



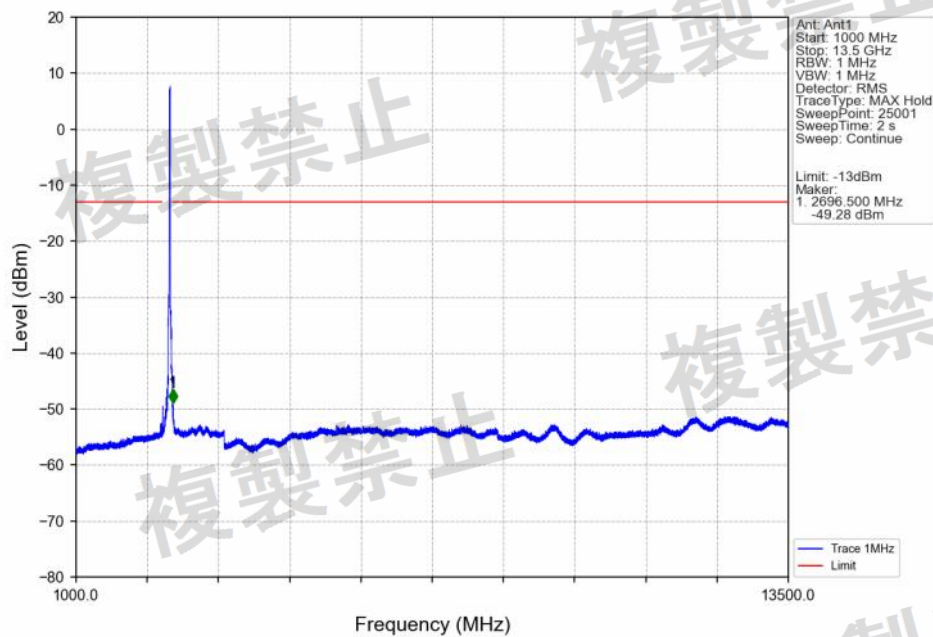
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV 2/7 0.15-30MHz Limit:-13

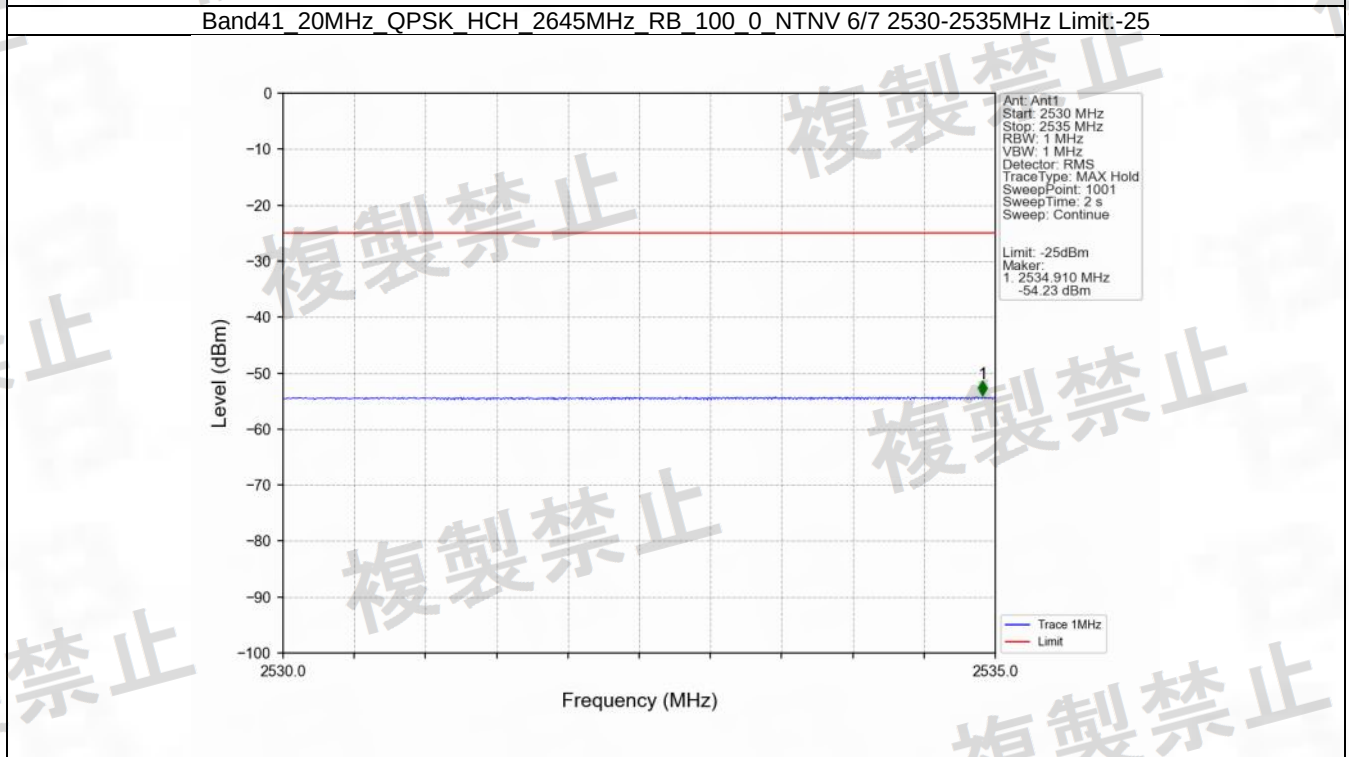
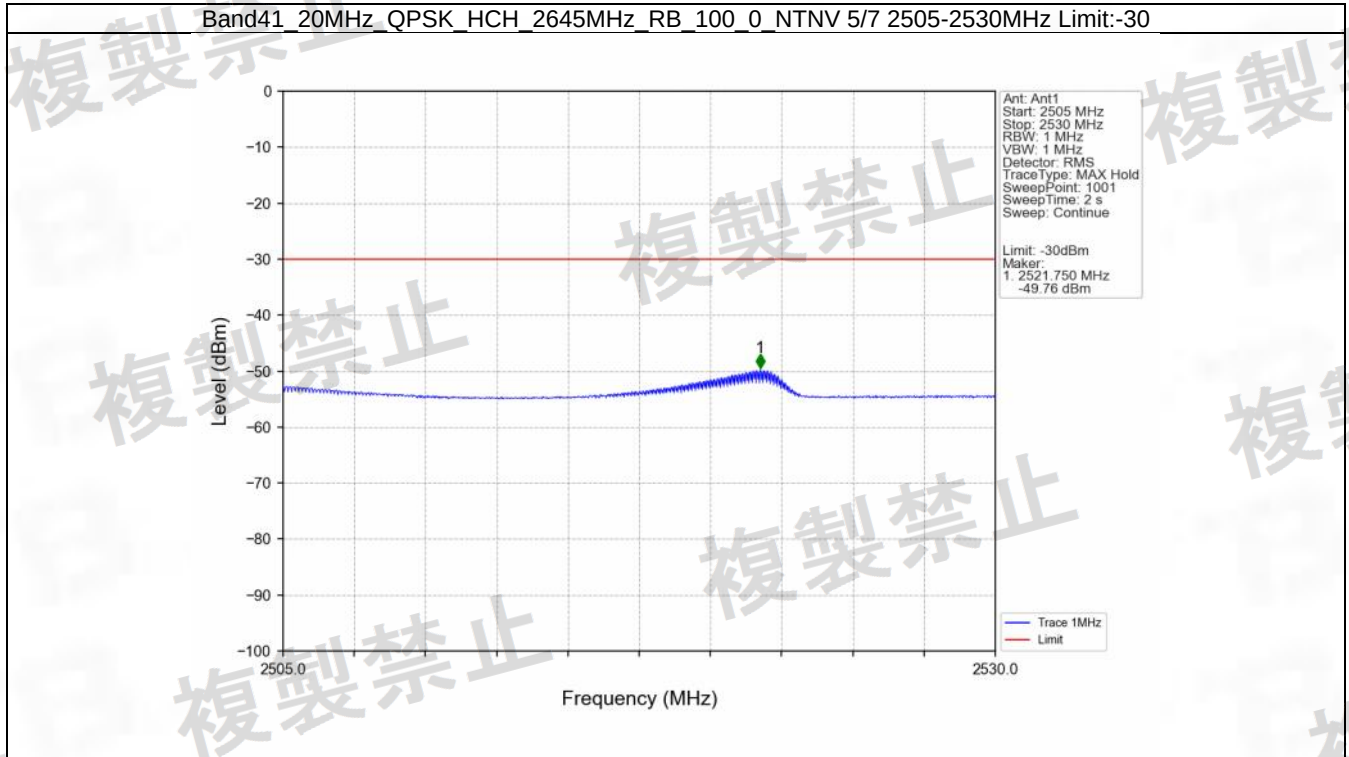


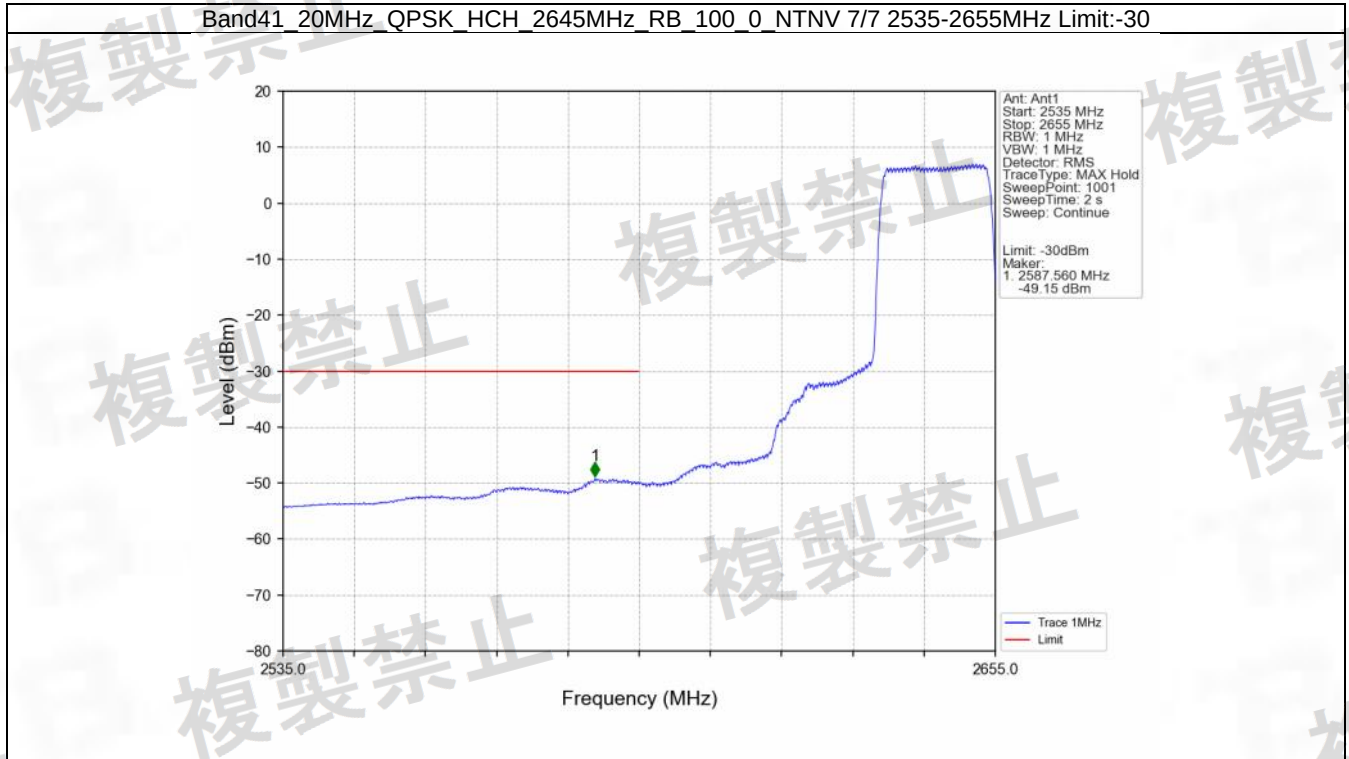
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV 3/7 30-1000MHz Limit:-13



Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV 4/7 1000-13500MHz Limit:-13







7. Leakage Power at No-carrier Transmission

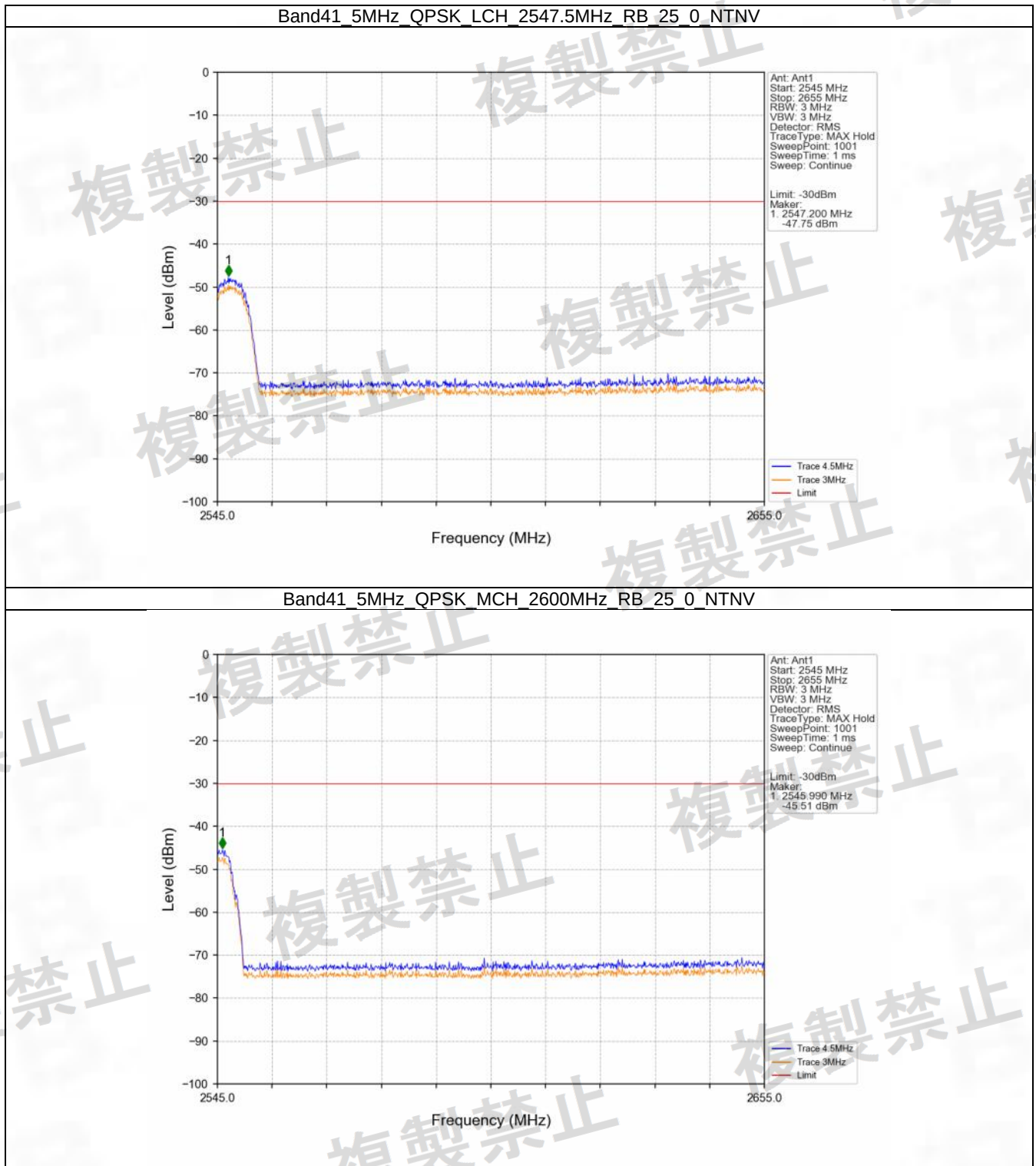
7.1 Test Result

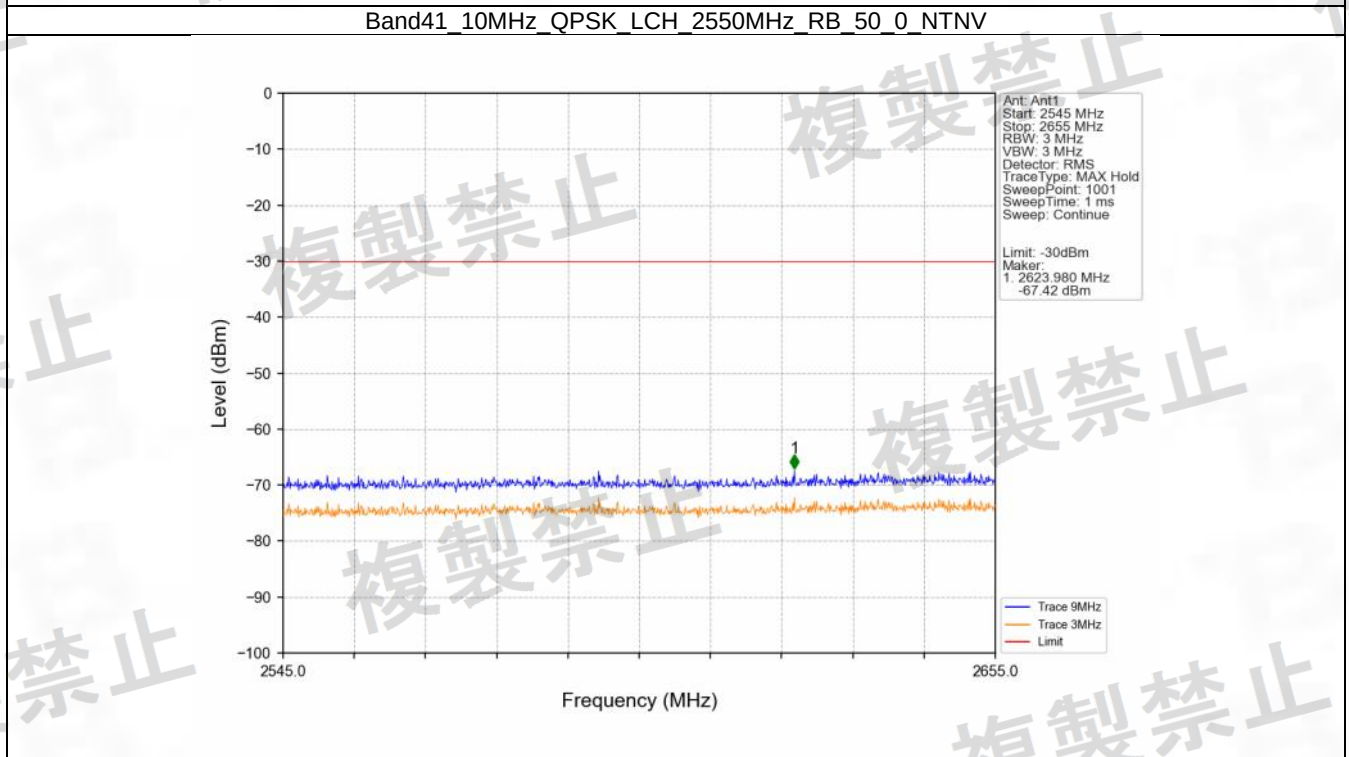
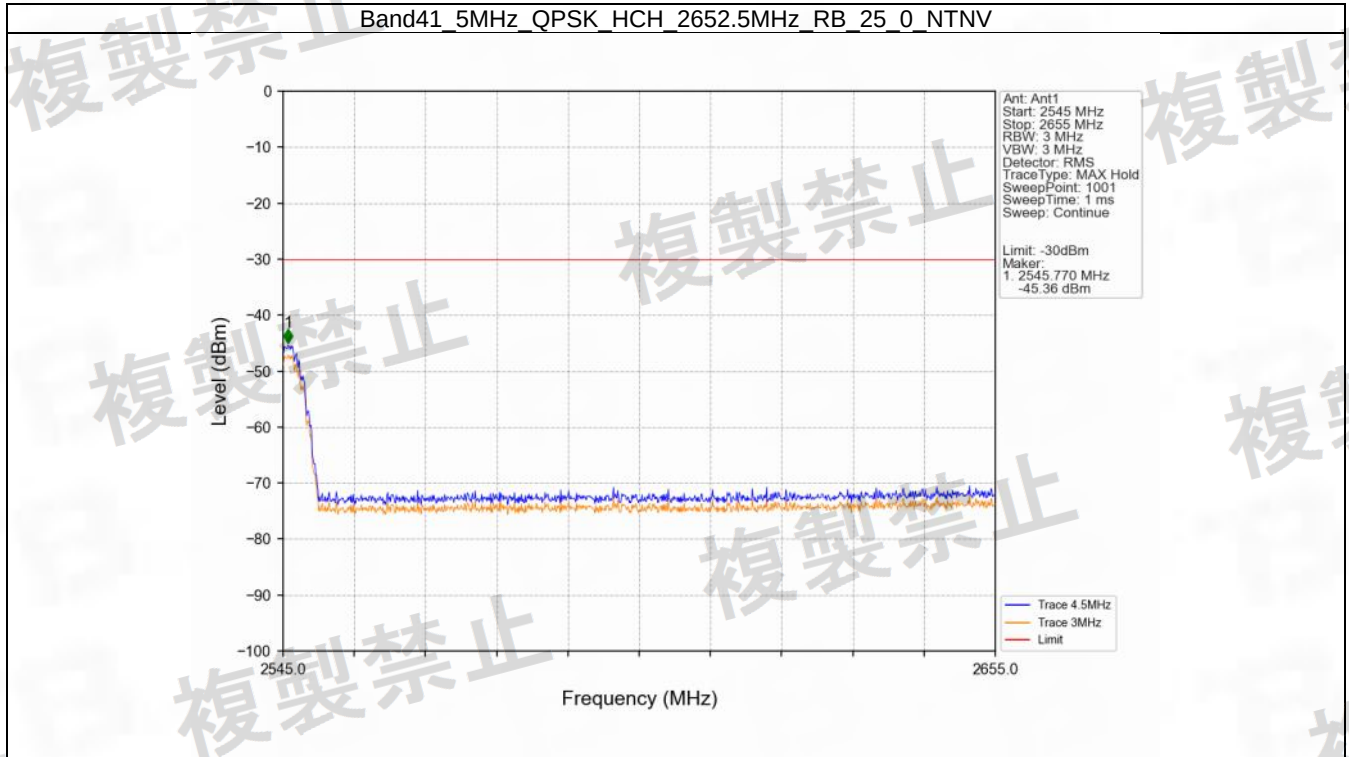
7.1.1 B41

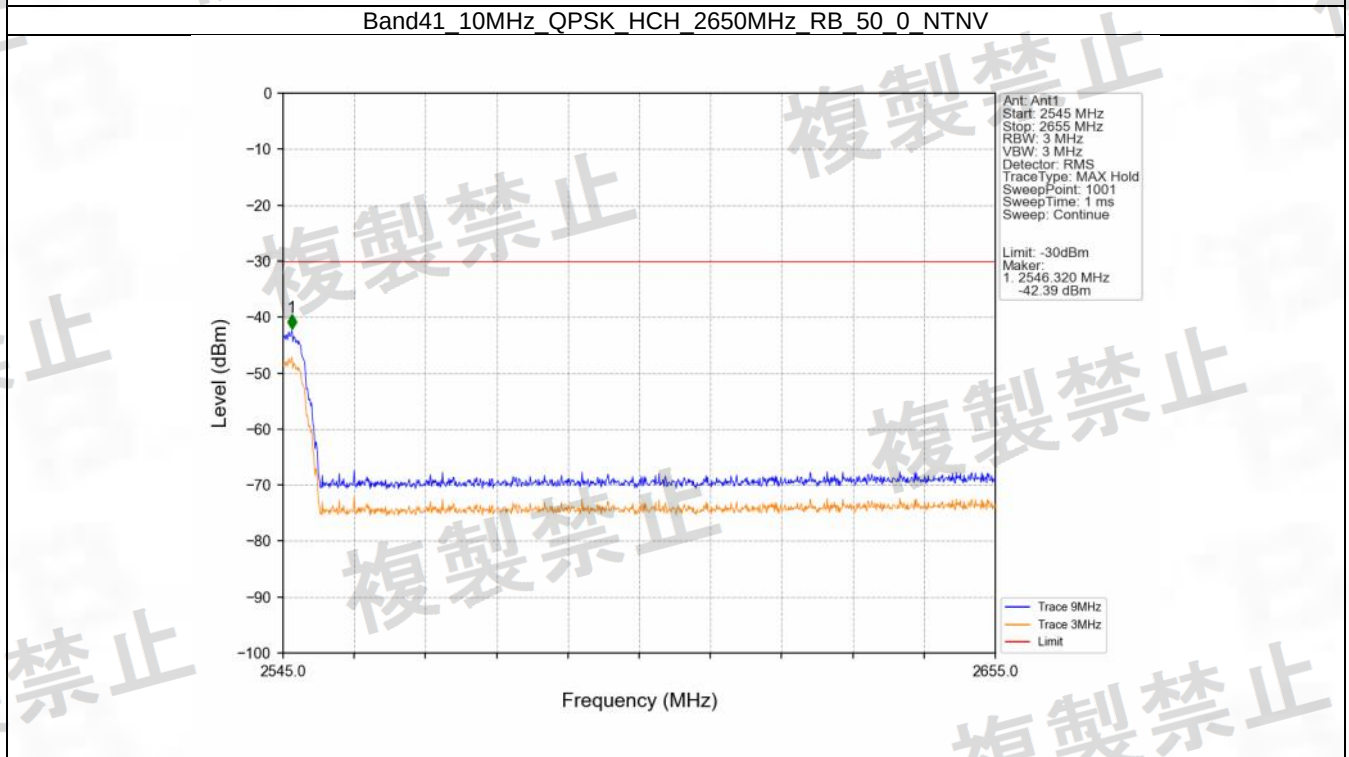
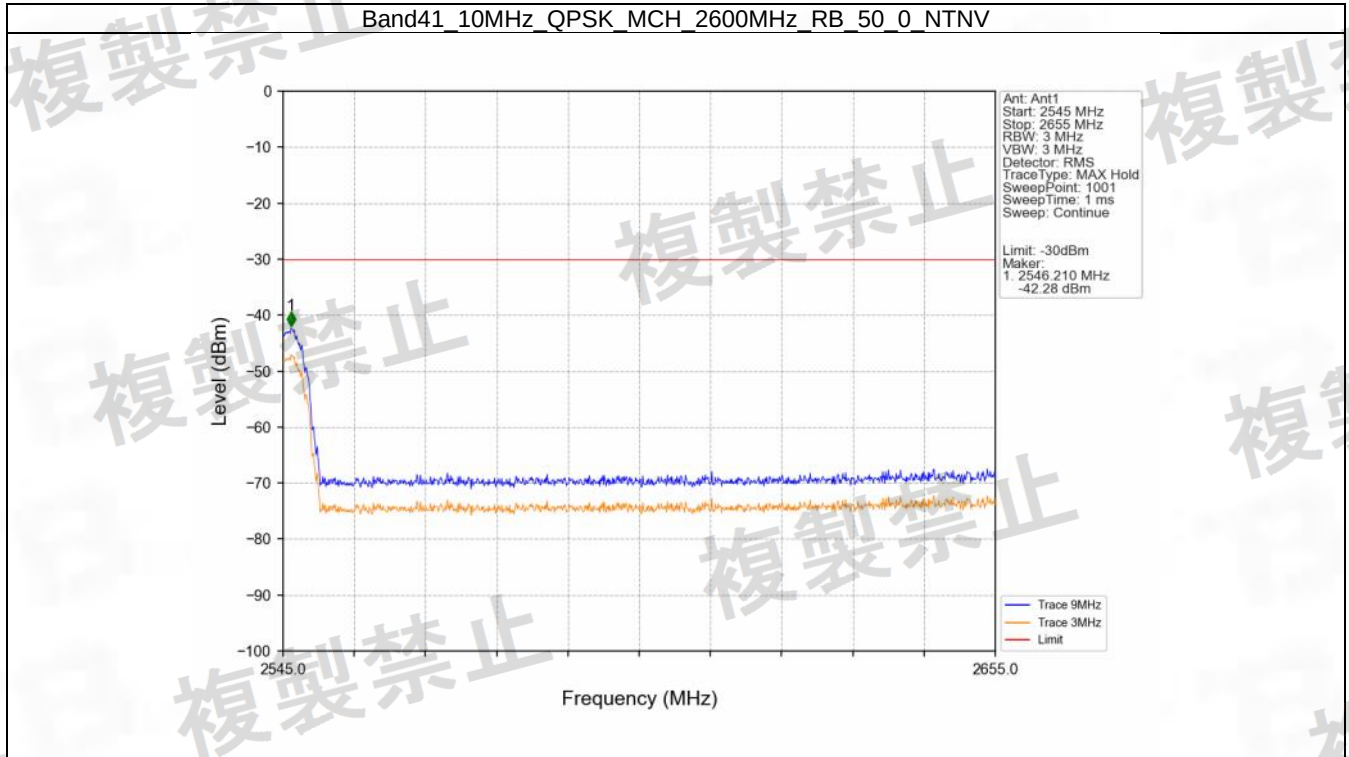
Band: 41						
BW(MHz)	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	-47.75	-45.51	-45.36	dBm/4.5MHz	≤ -30	Pass
10	-67.42	-42.28	-42.39	dBm/9MHz	≤ -30	Pass
20	-64.34	-39.04	-38.87	dBm/18MHz	≤ -30	Pass

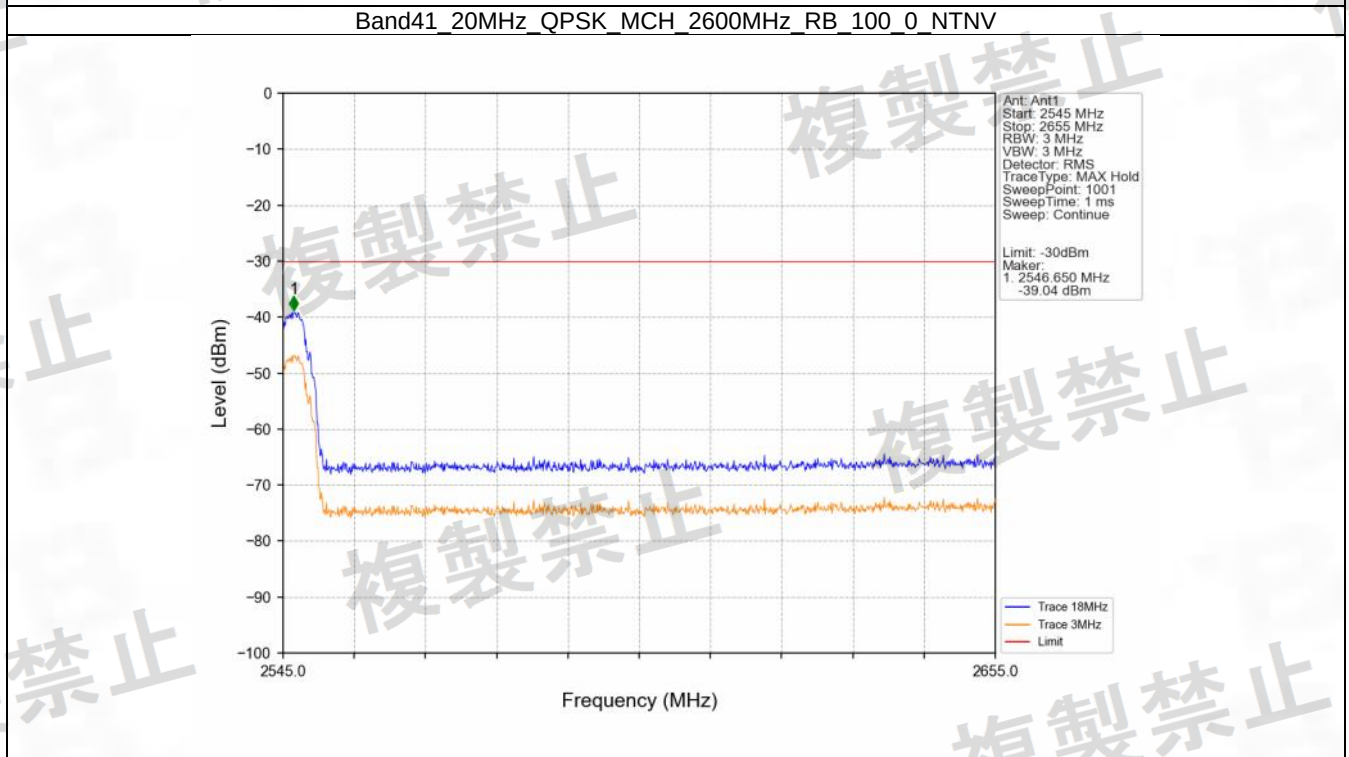
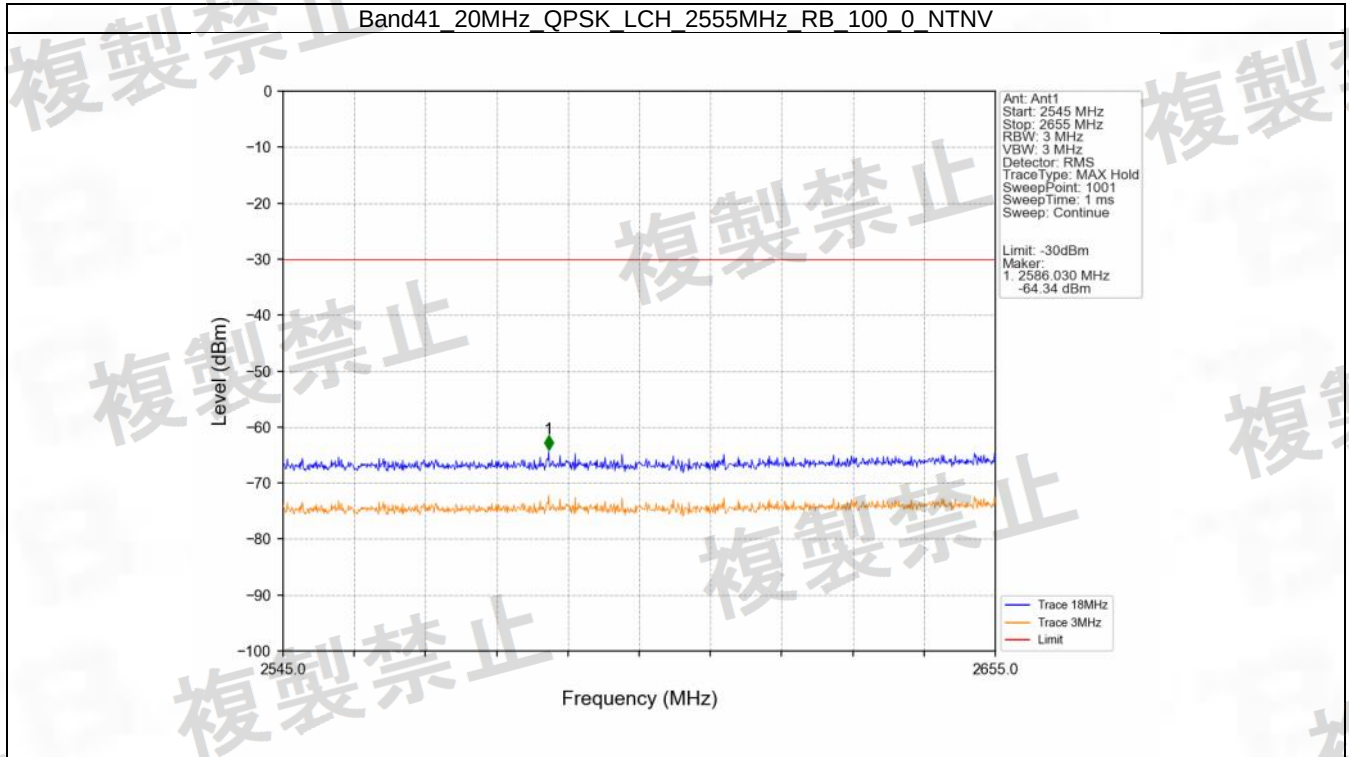
7.2 Test Graph

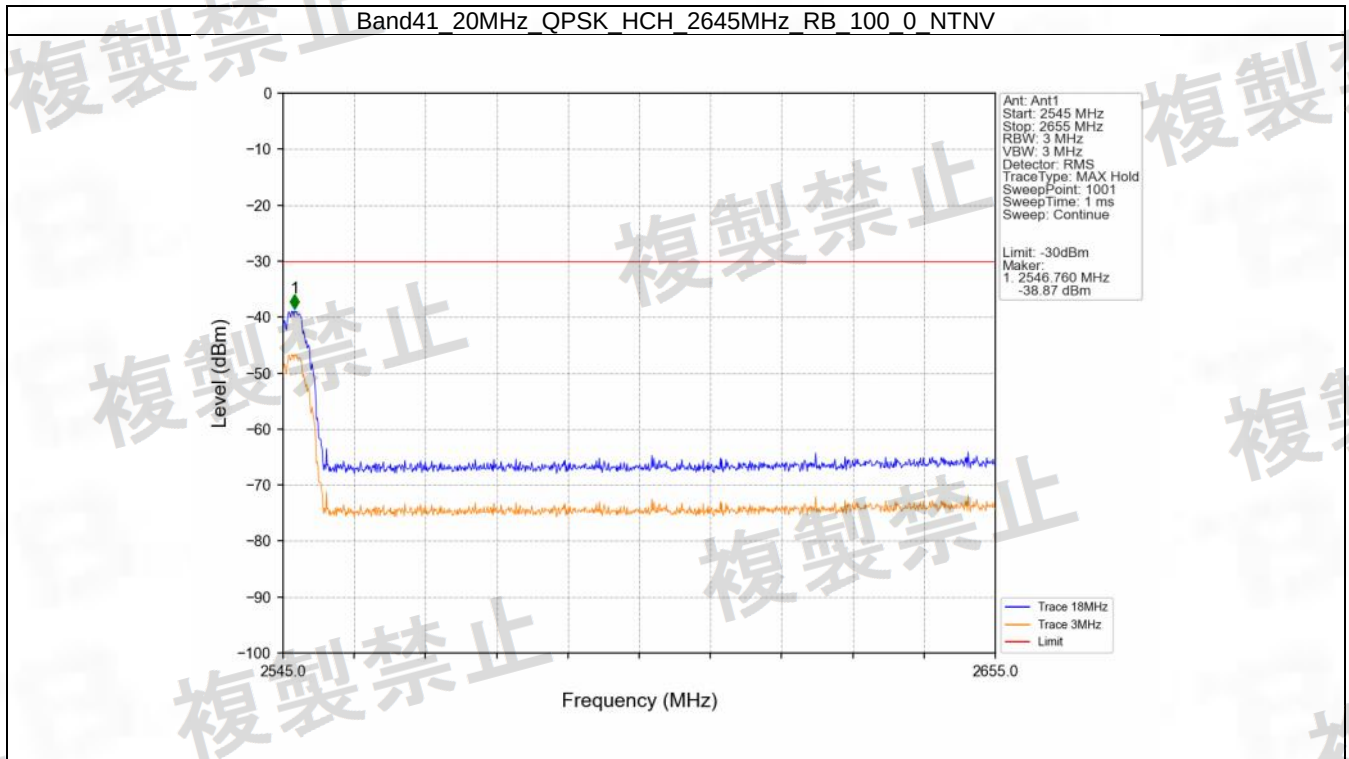
7.2.1 B41











8. Limit of Secondary Radiated Emissions

8.1 Test Result

8.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz										
Ant	Channel Number	40165		40690		41215		Unit	Limit	Result
	Frequency Center (MHz)	2547.5		2600		2652.5				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
RX1	9kHz ~ 150kHz	0.012	-69.66	0.012	-69.94	0.092	-67.08	dBm/1kHz	<=-54	Pass
	150kHz ~ 30MHz	0.490	-73.14	0.970	-66.52	3.415	-67.28	dBm/10kHz	<=-54	Pass
	30MHz ~ 1000MHz	615.700	-64.29	39.000	-56.01	949.000	-93.54	dBm/100kHz	<=-54	Pass
	1000MHz ~ 12.75GHz	2547.000	-56.62	12483.500	-80.93	12438.500	-80.90	dBm/MHz	<=-47	Pass

8.1.2 B41_10MHz

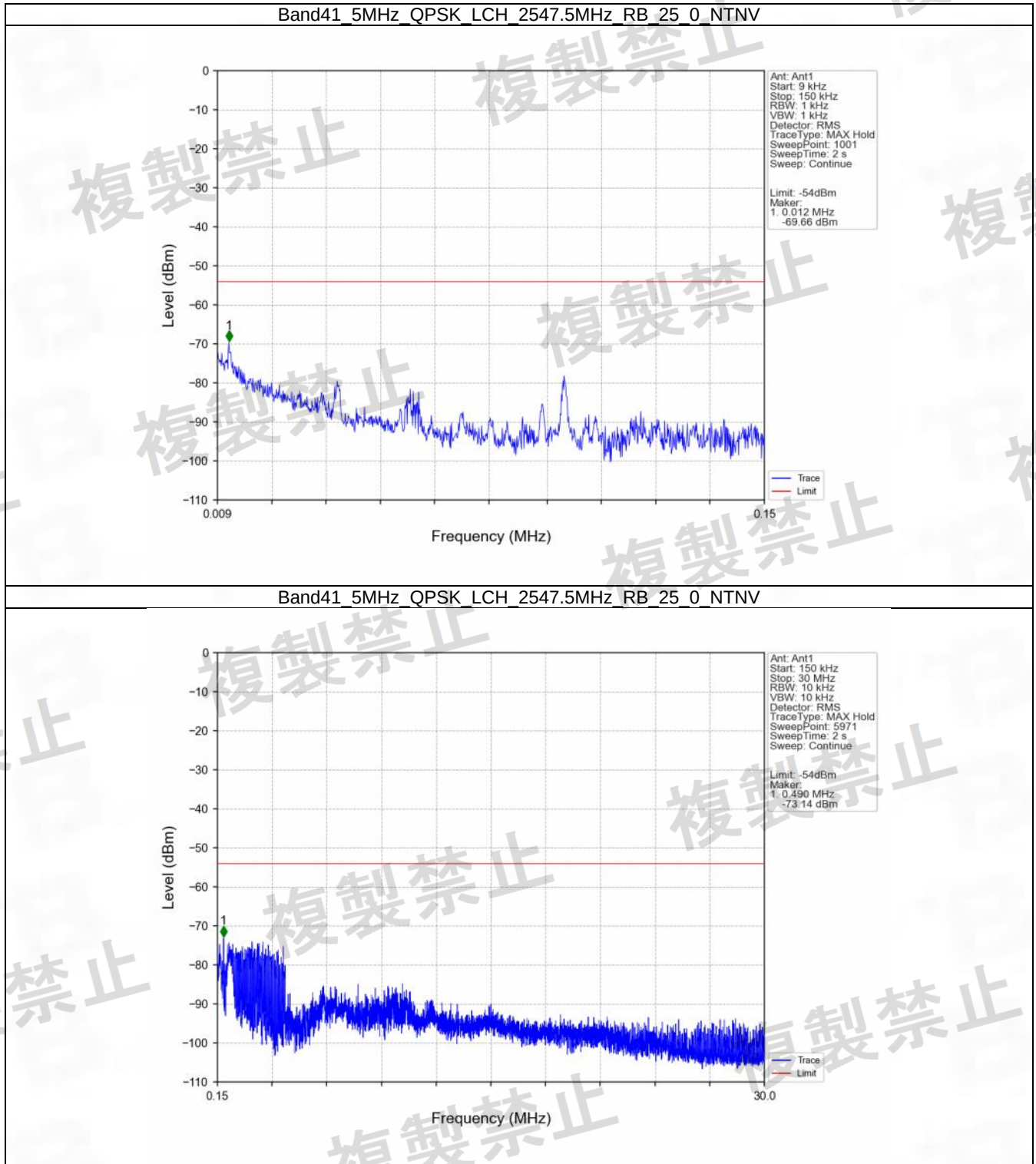
Band: 41 / Bandwidth: 10MHz										
Ant	Channel Number	40190		40690		41190		Unit	Limit	Result
	Frequency Center (MHz)	2550		2600		2650				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
RX1	9kHz ~ 150kHz	0.139	-67.06	0.116	-68.75	0.115	-65.71	dBm/1kHz	<=-54	Pass
	150kHz ~ 30MHz	1.890	-67.69	7.095	-69.15	7.095	-69.38	dBm/10kHz	<=-54	Pass
	30MHz ~ 1000MHz	620.350	-67.14	38.450	-59.07	89.900	-56.31	dBm/100kHz	<=-54	Pass
	1000MHz ~ 12.75GHz	11833.000	-81.04	12525.500	-80.93	11870.500	-81.18	dBm/MHz	<=-47	Pass

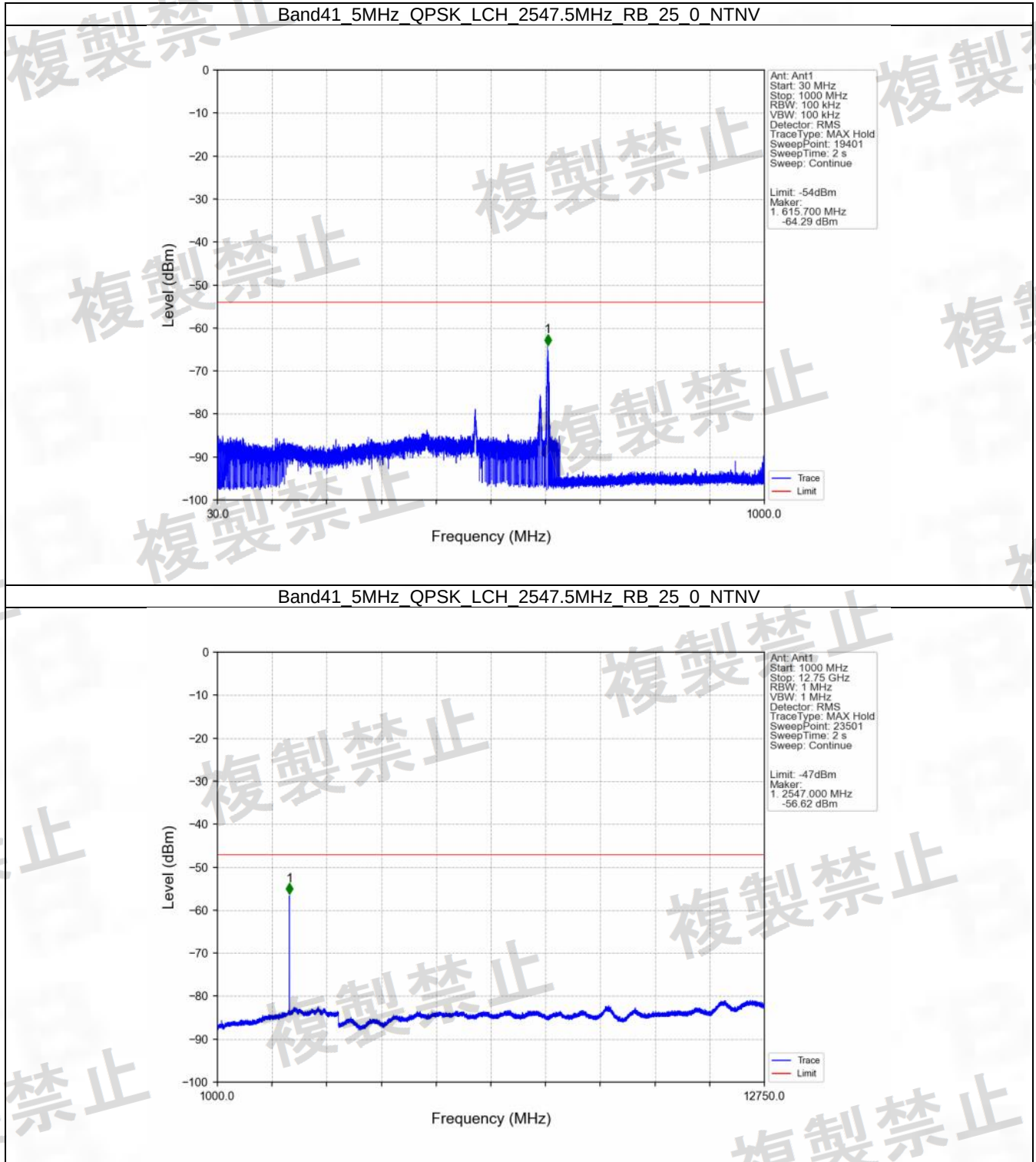
8.1.3 B41_20MHz

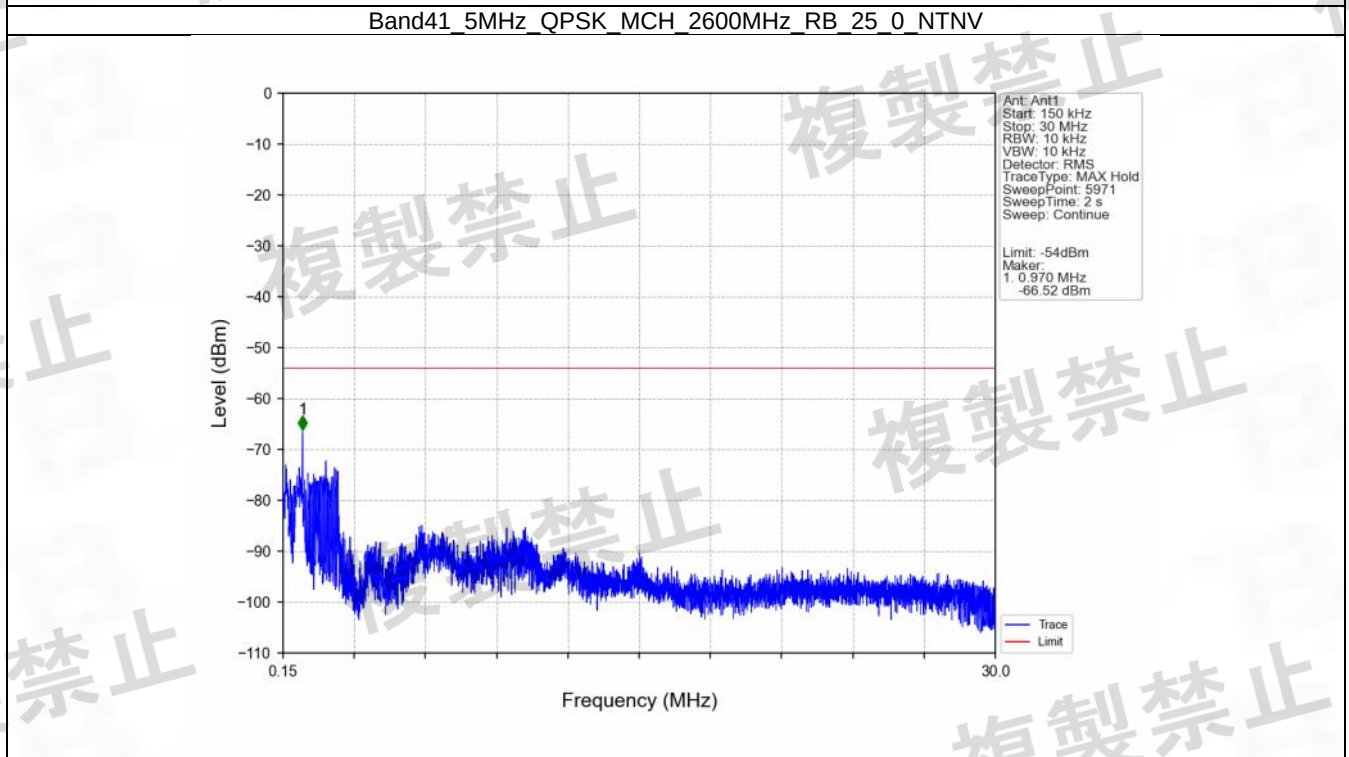
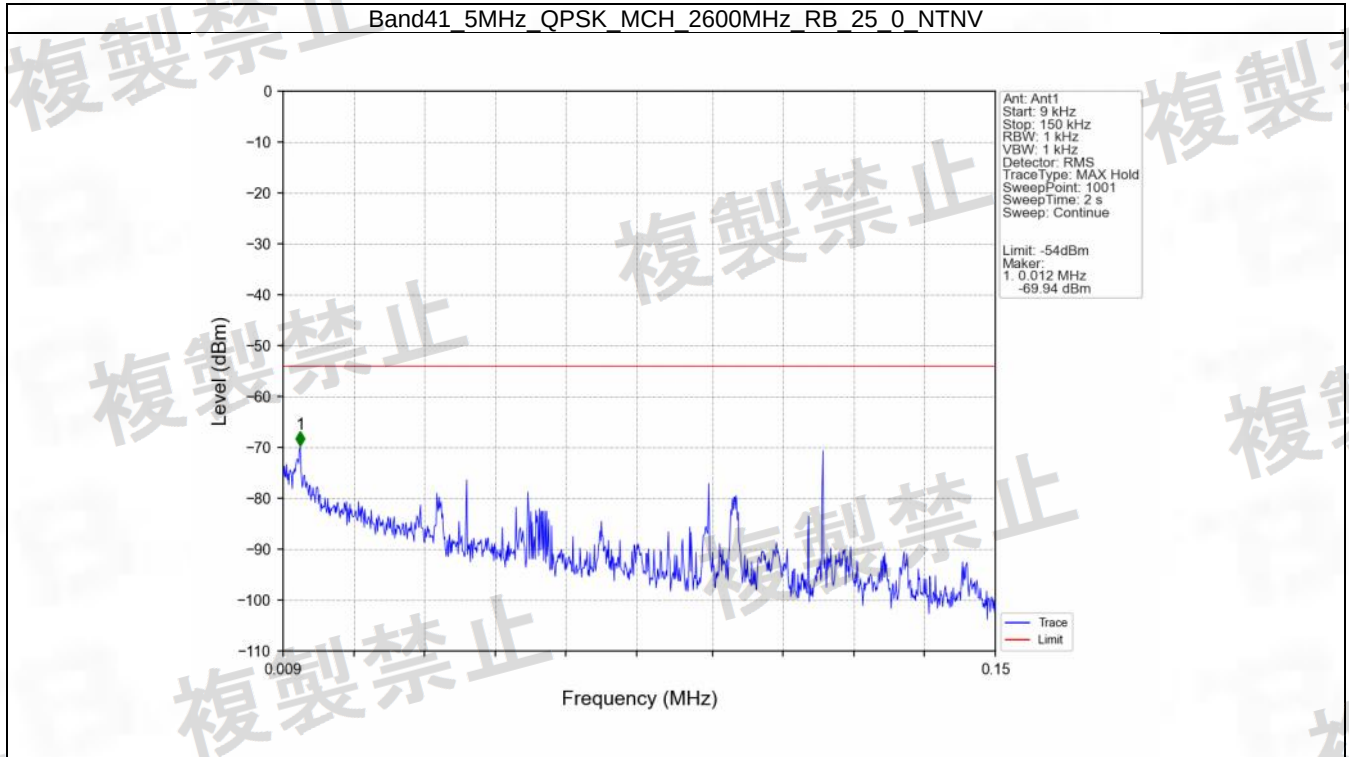
Band: 41 / Bandwidth: 20MHz										
Ant	Channel Number	40240		40690		41140		Unit	Limit	Result
	Frequency Center (MHz)	2555		2600		2645				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
RX1	9kHz ~ 150kHz	0.012	-68.82	0.115	-65.03	0.114	-67.15	dBm/1kHz	<=-54	Pass
	150kHz ~ 30MHz	0.730	-60.93	2.350	-72.50	13.180	-68.18	dBm/10kHz	<=-54	Pass
	30MHz ~ 1000MHz	920.650	-55.88	35.150	-59.59	84.650	-59.08	dBm/100kHz	<=-54	Pass
	1000MHz ~ 12.75GHz	11886.000	-80.95	12386.000	-80.68	12518.000	-80.79	dBm/MHz	<=-47	Pass

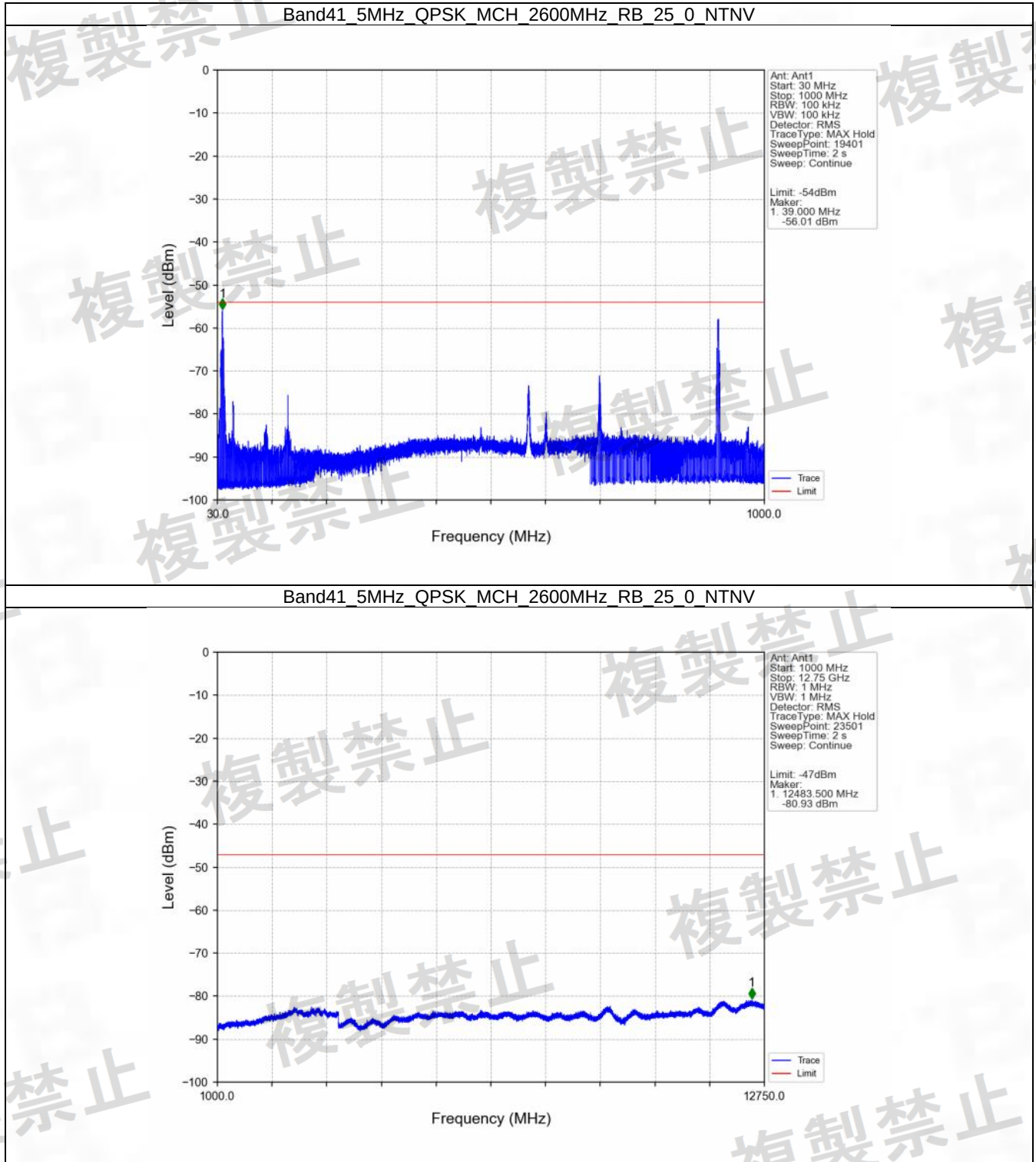
8.2 Test Graph

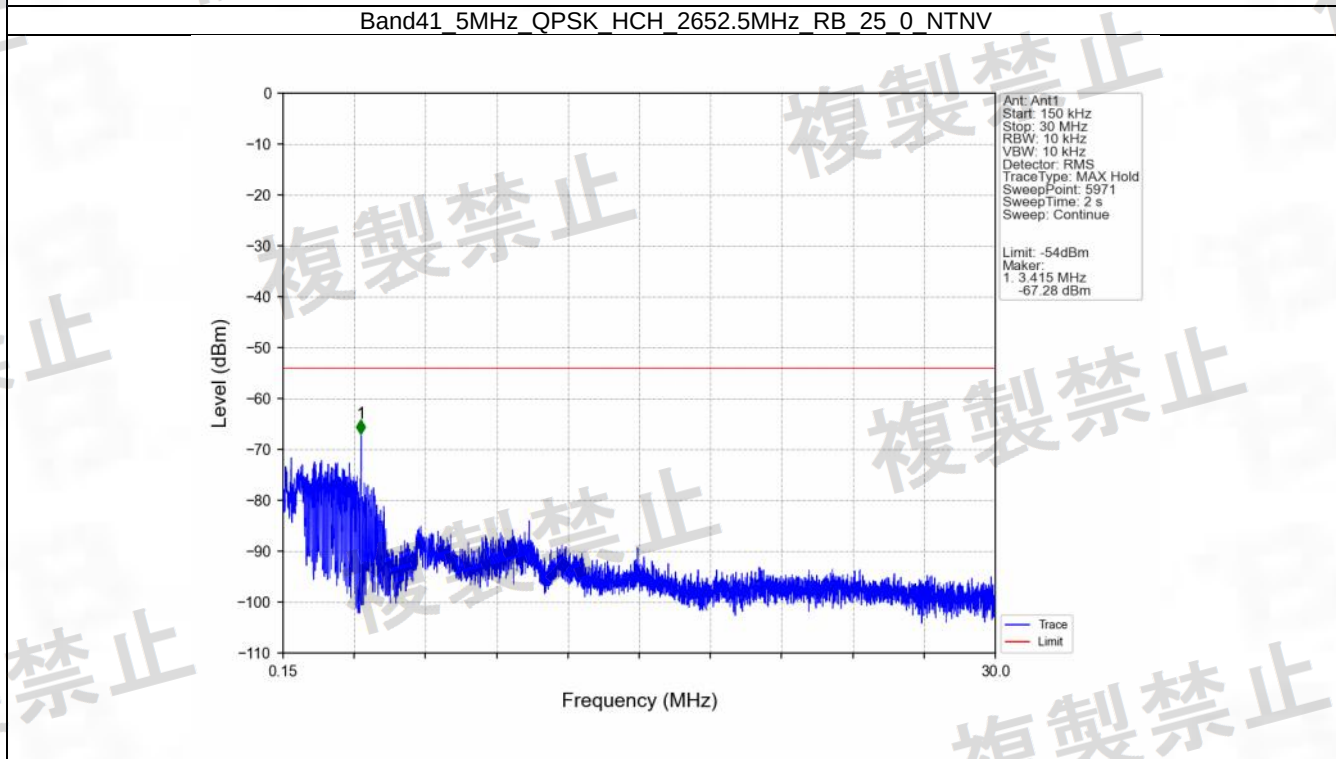
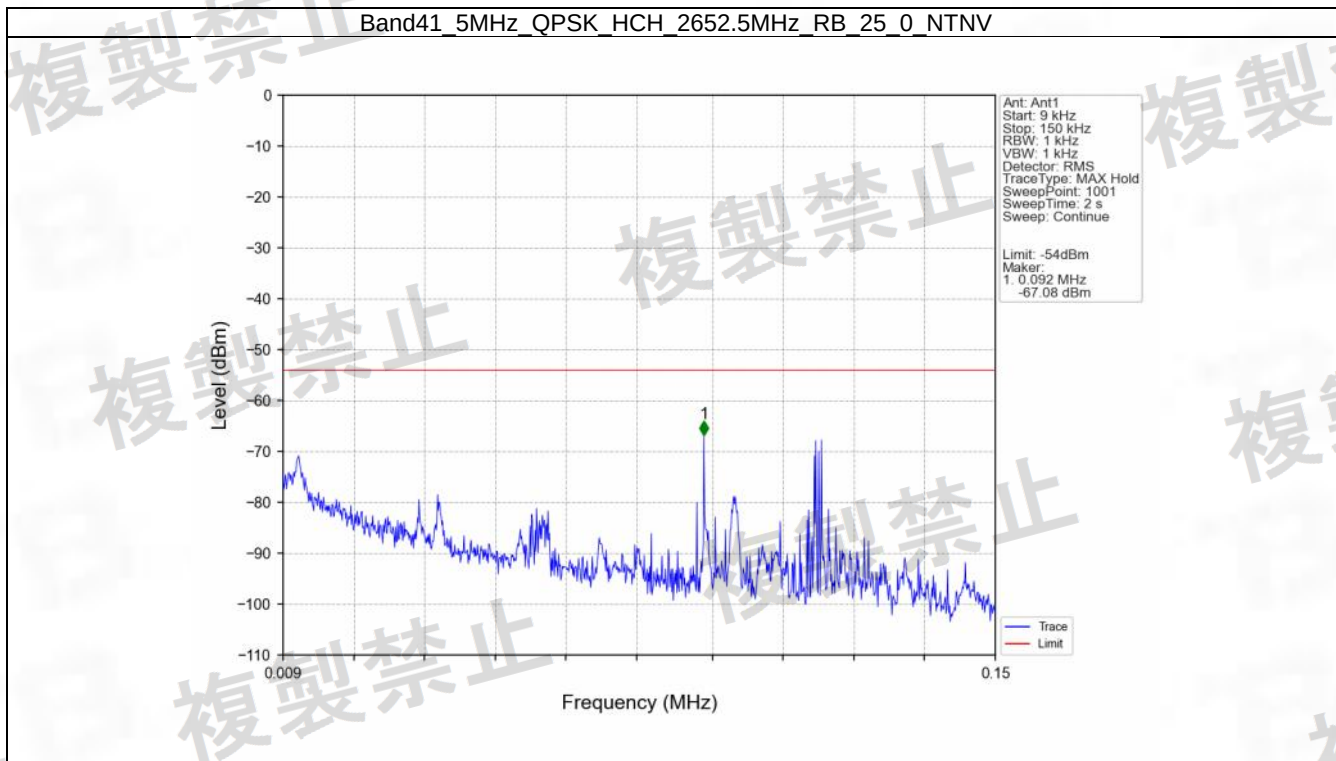
8.2.1 B41_5MHz

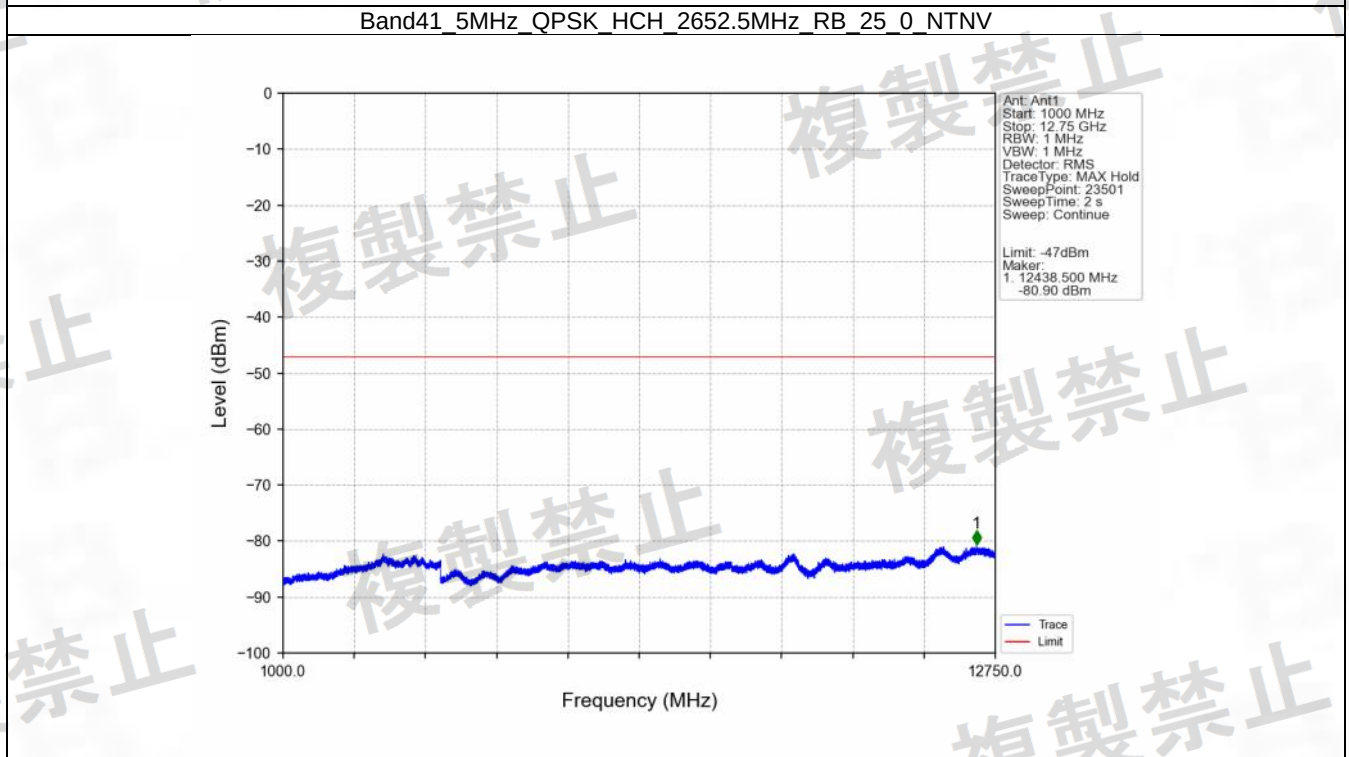
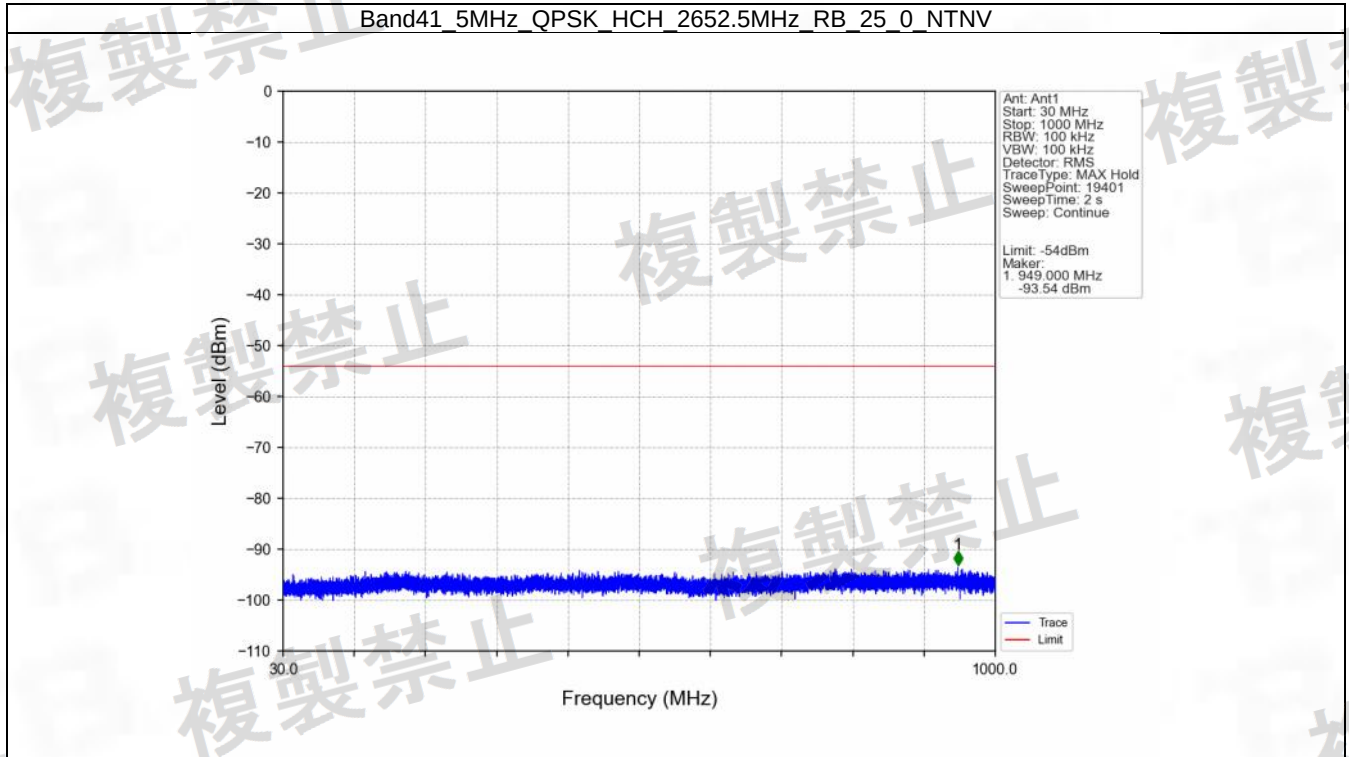




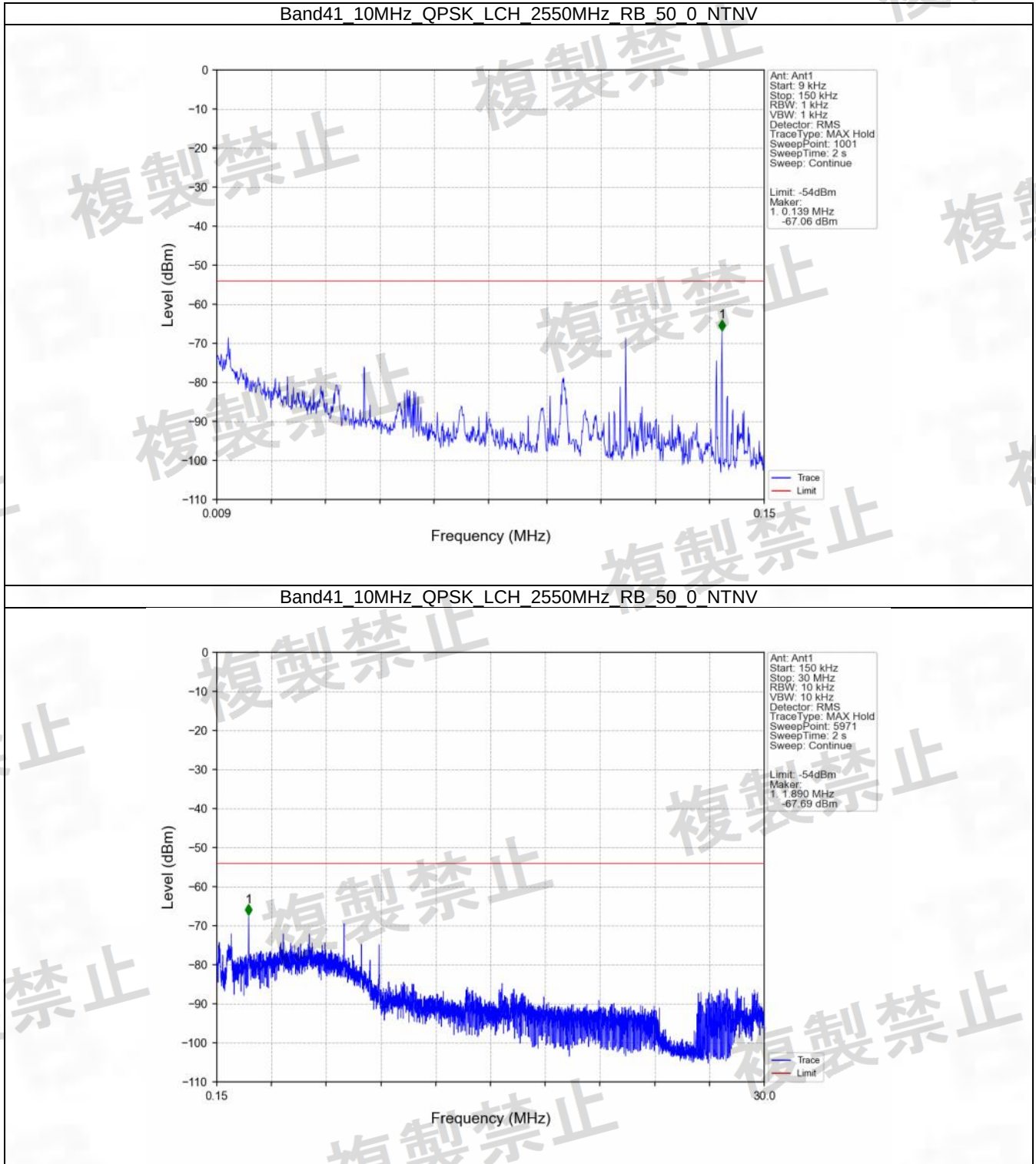


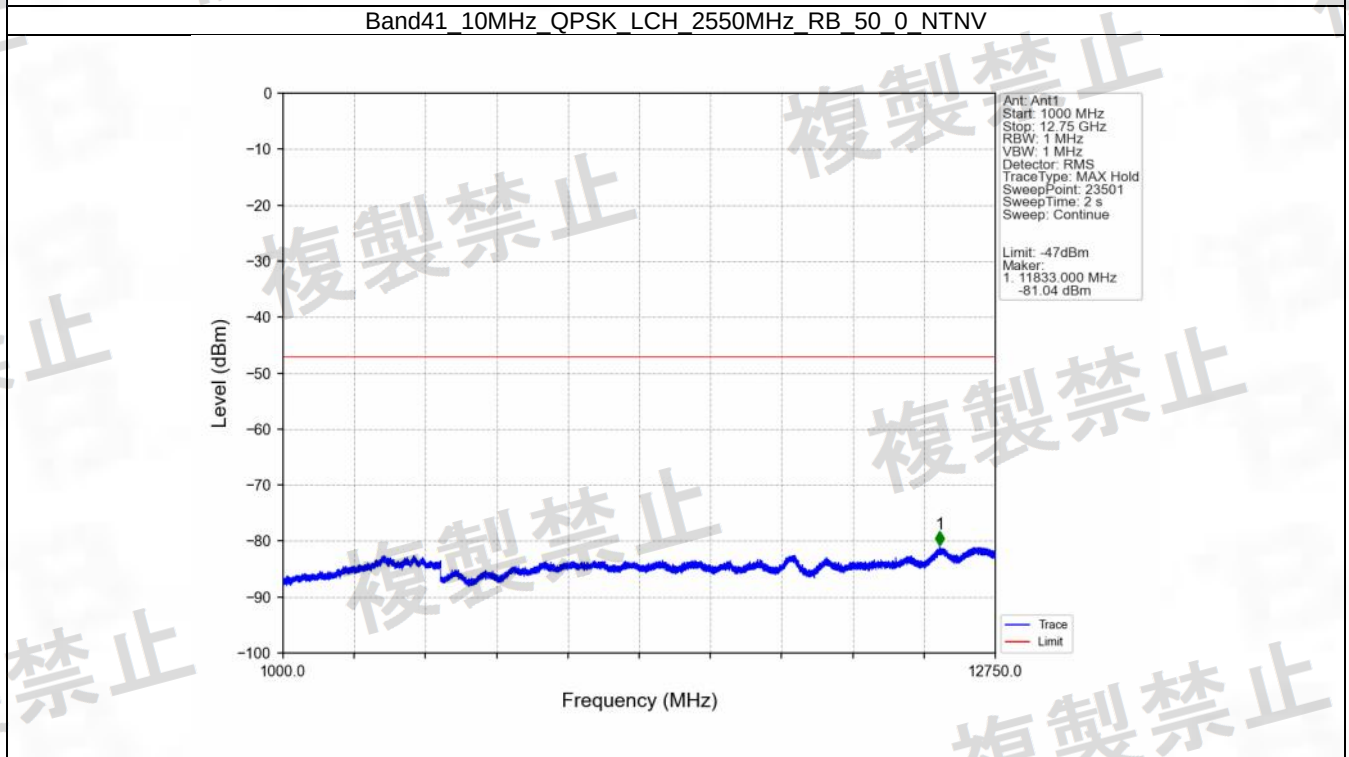
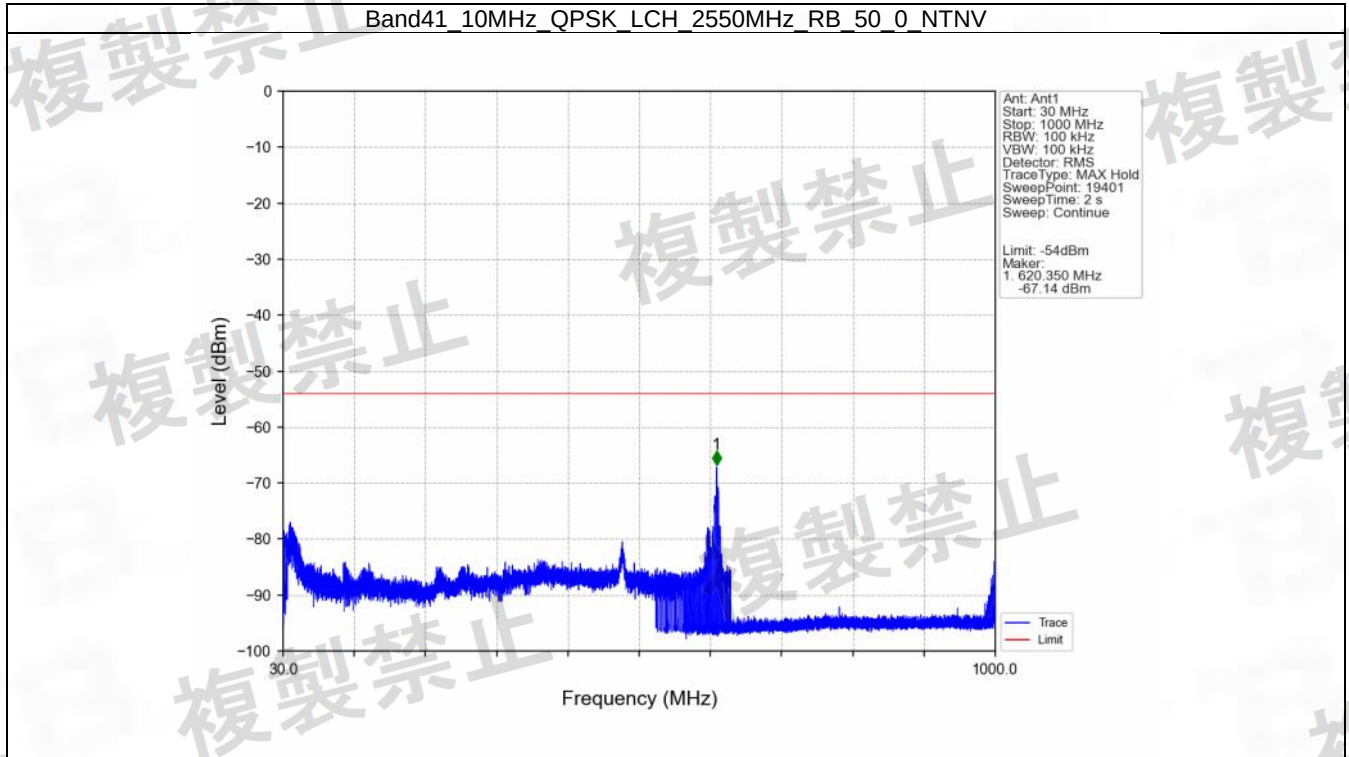


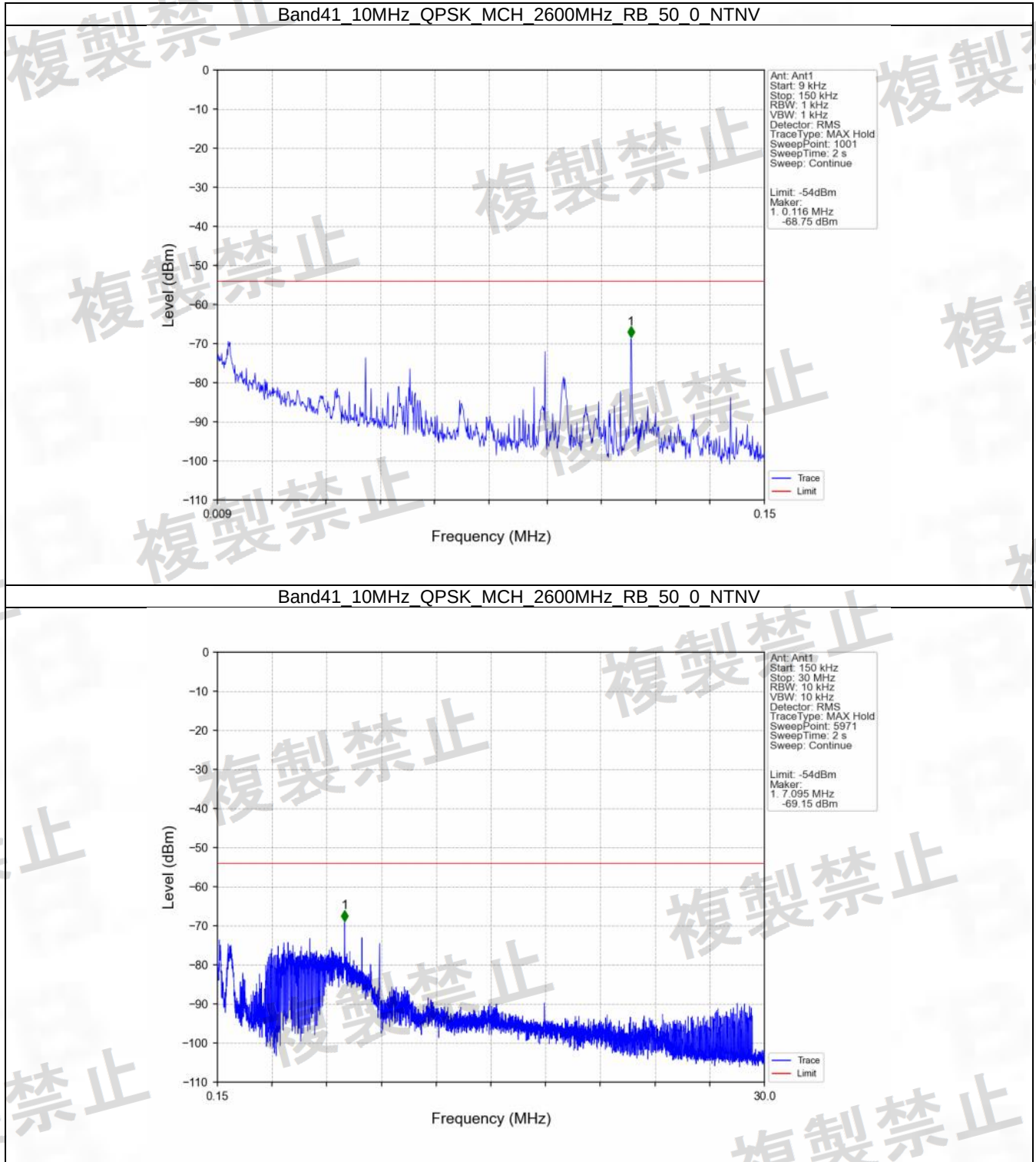


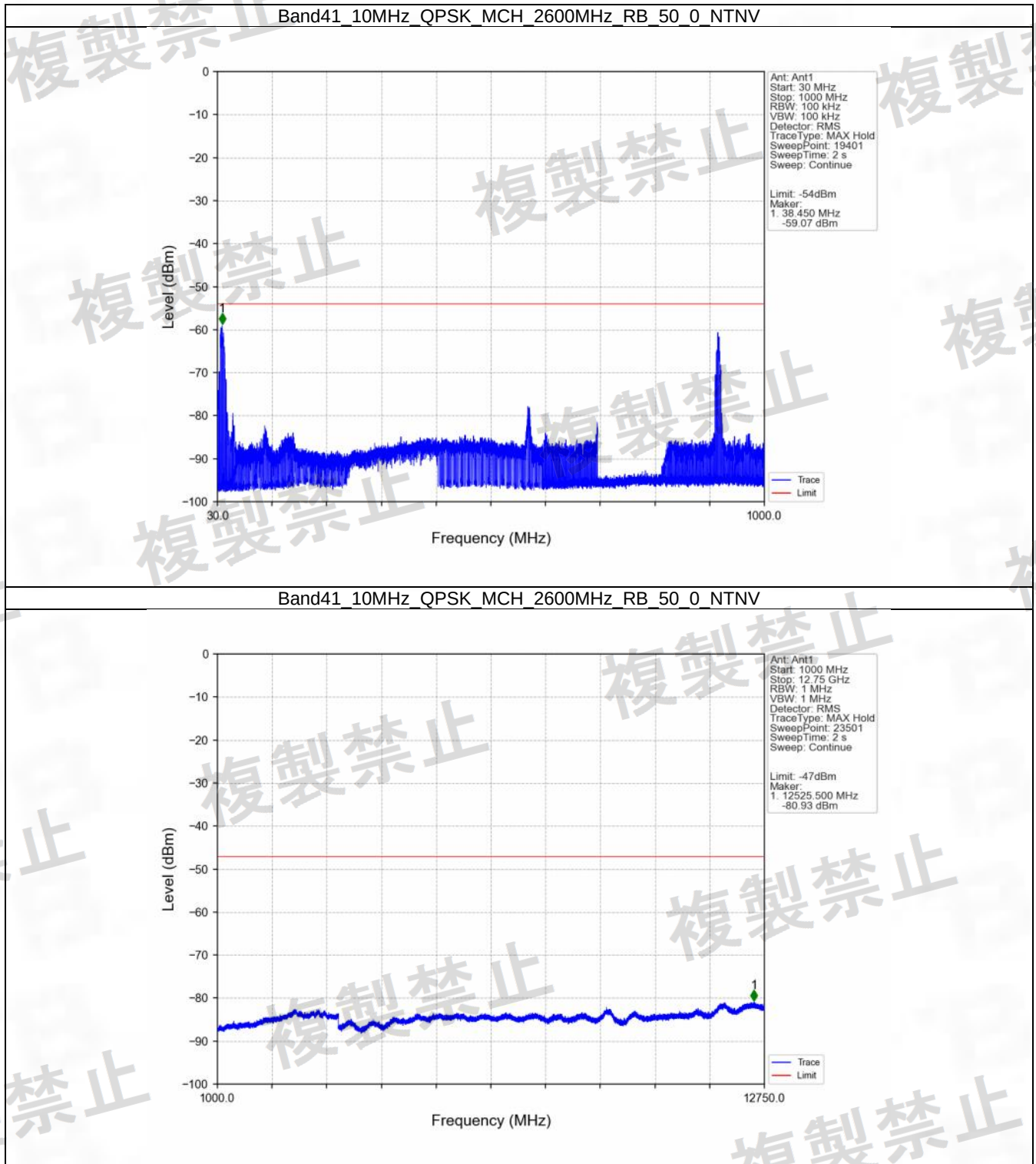


8.2.2 B41_10MHz

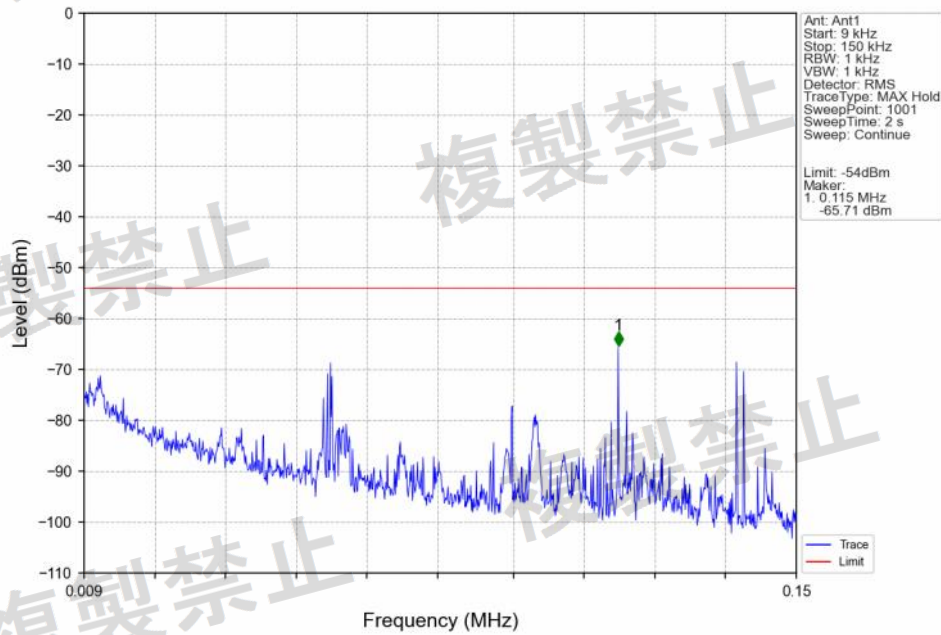




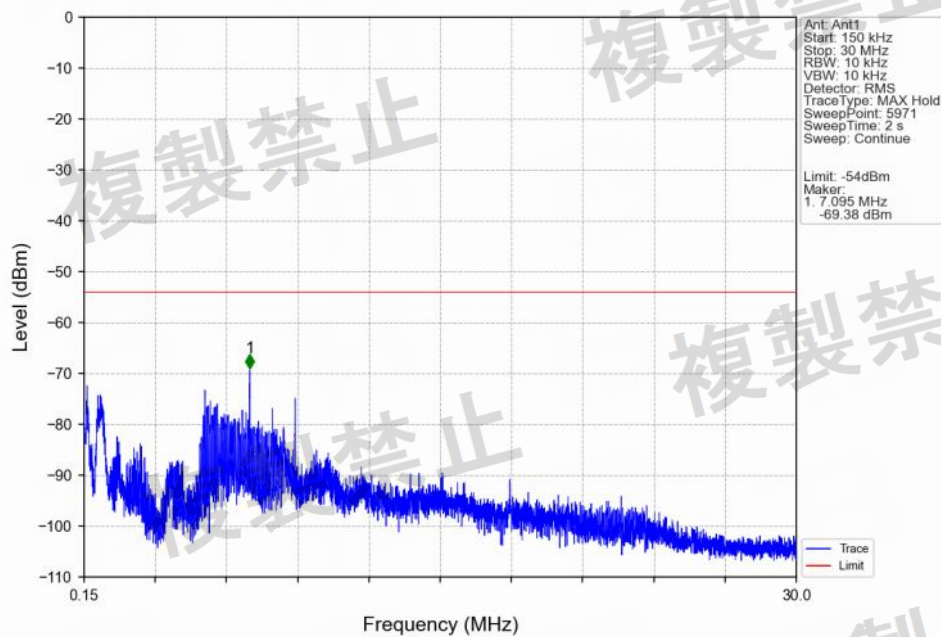


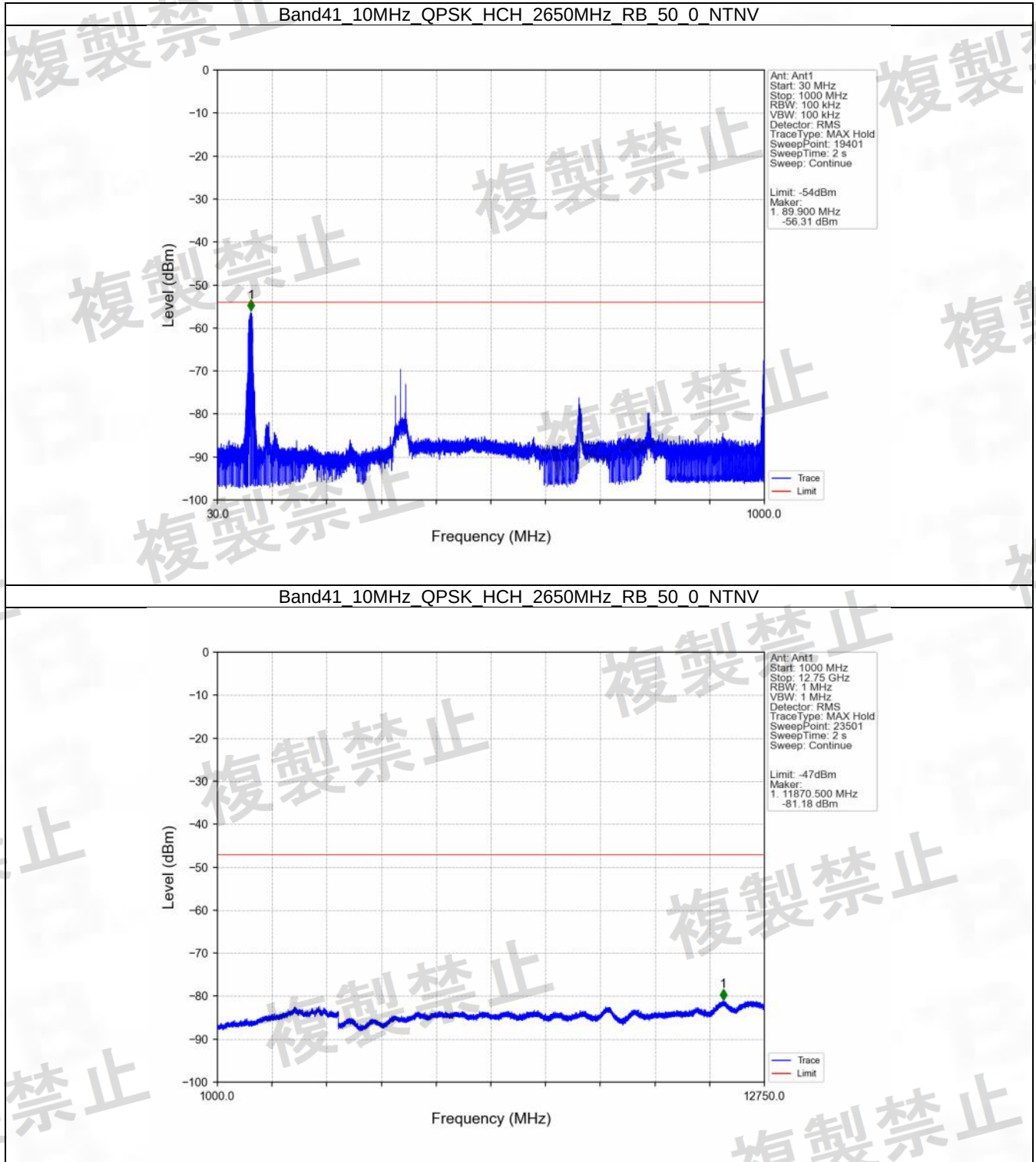


Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV





8.2.3 B41_20MHz

