

1. Frequency Error

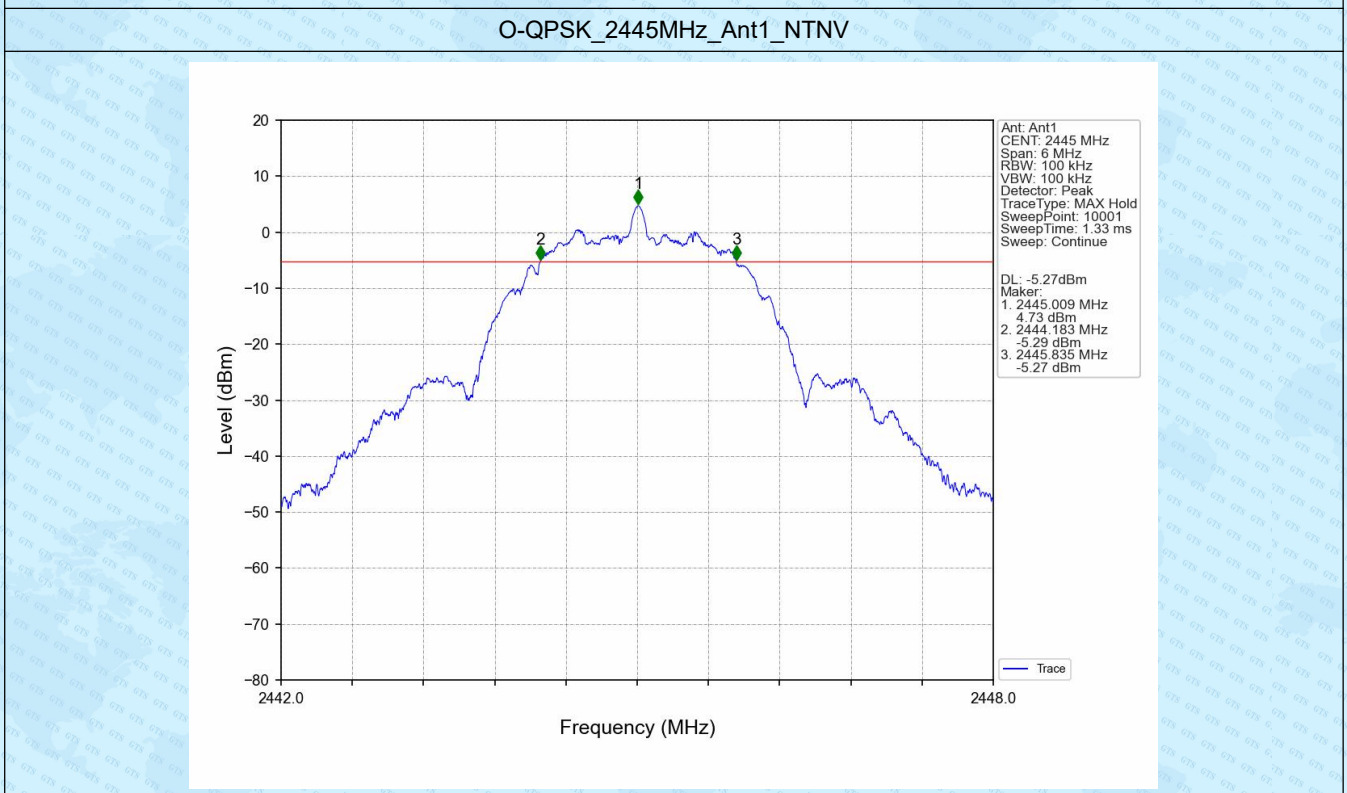
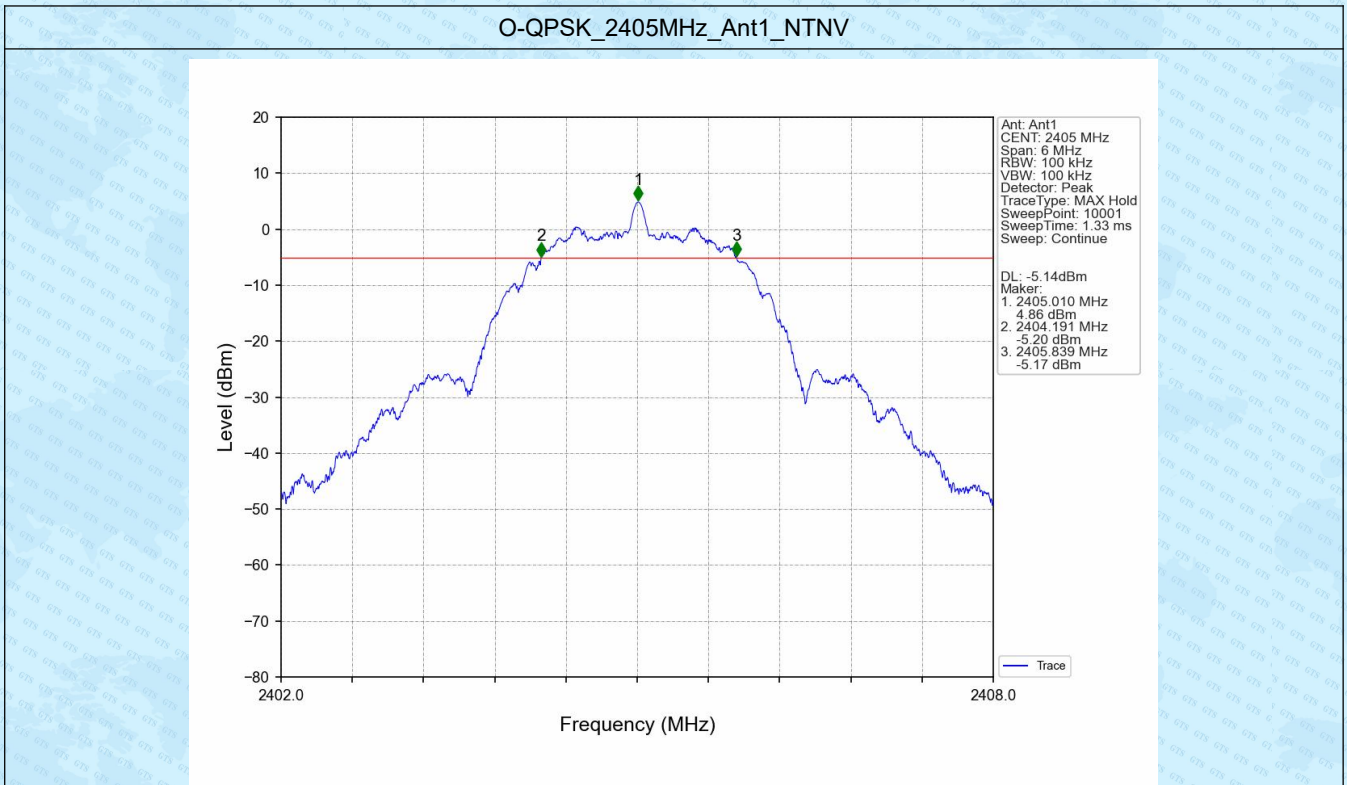
1.1 Test Result

1.1.1 Ant1

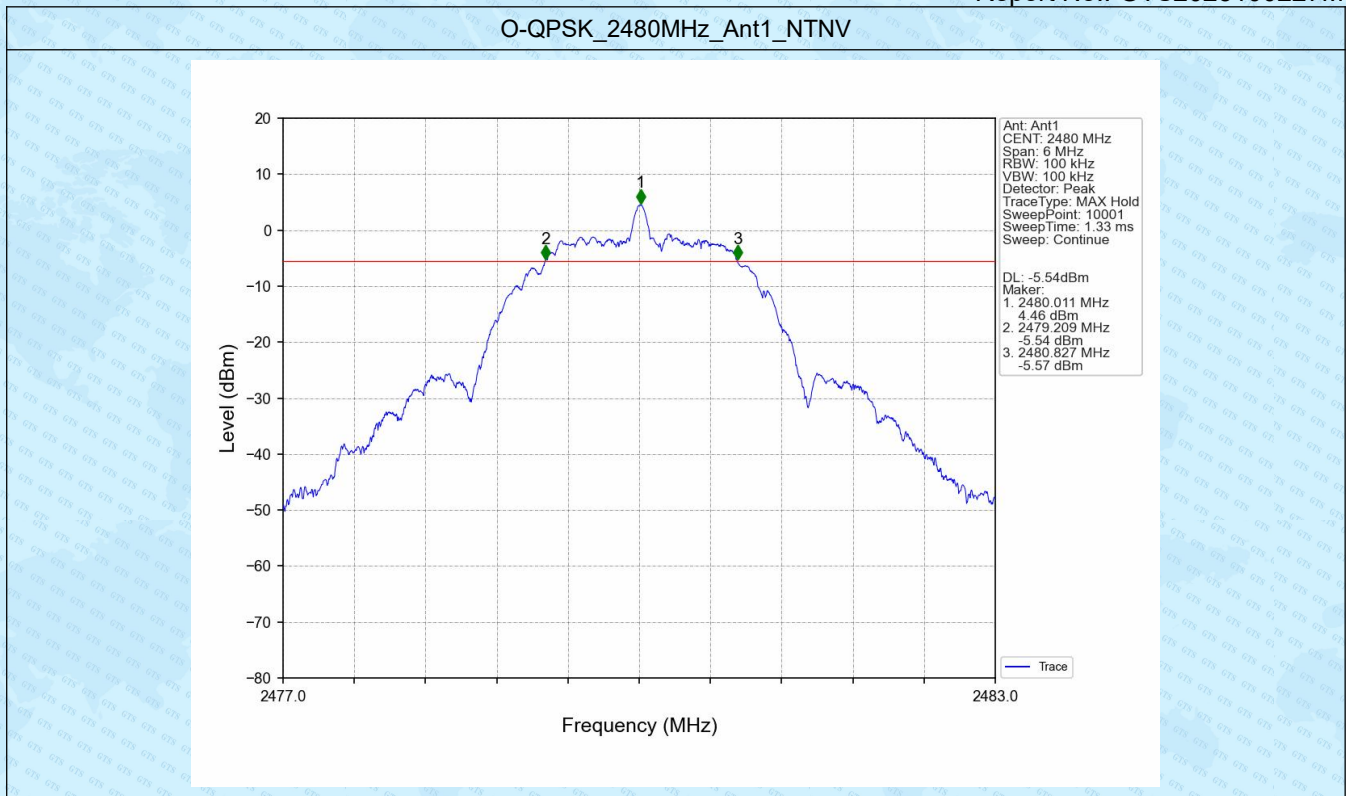
Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	O-QPSK	SISO	2405	2405.015	6.24	-50 to 50	Pass
			2445	2445.009	3.80	-50 to 50	Pass
			2480	2480.018	7.26	-50 to 50	Pass

1.2 Test Graph

1.2.1 Ant1



O-QPSK_2480MHz_Ant1_NTNV



2. Occupied Bandwidth

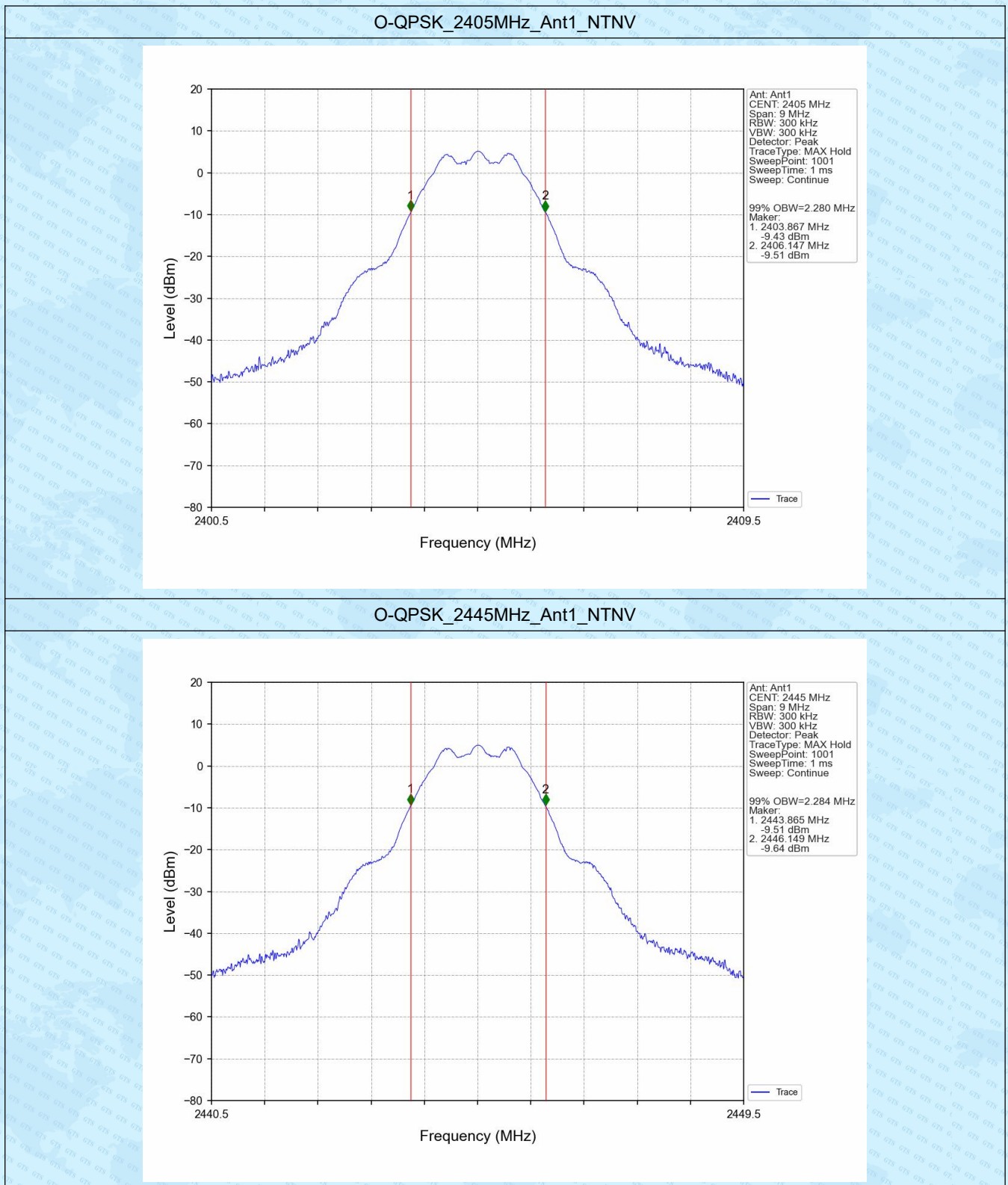
2.1 Test Result

2.1.1 OBW

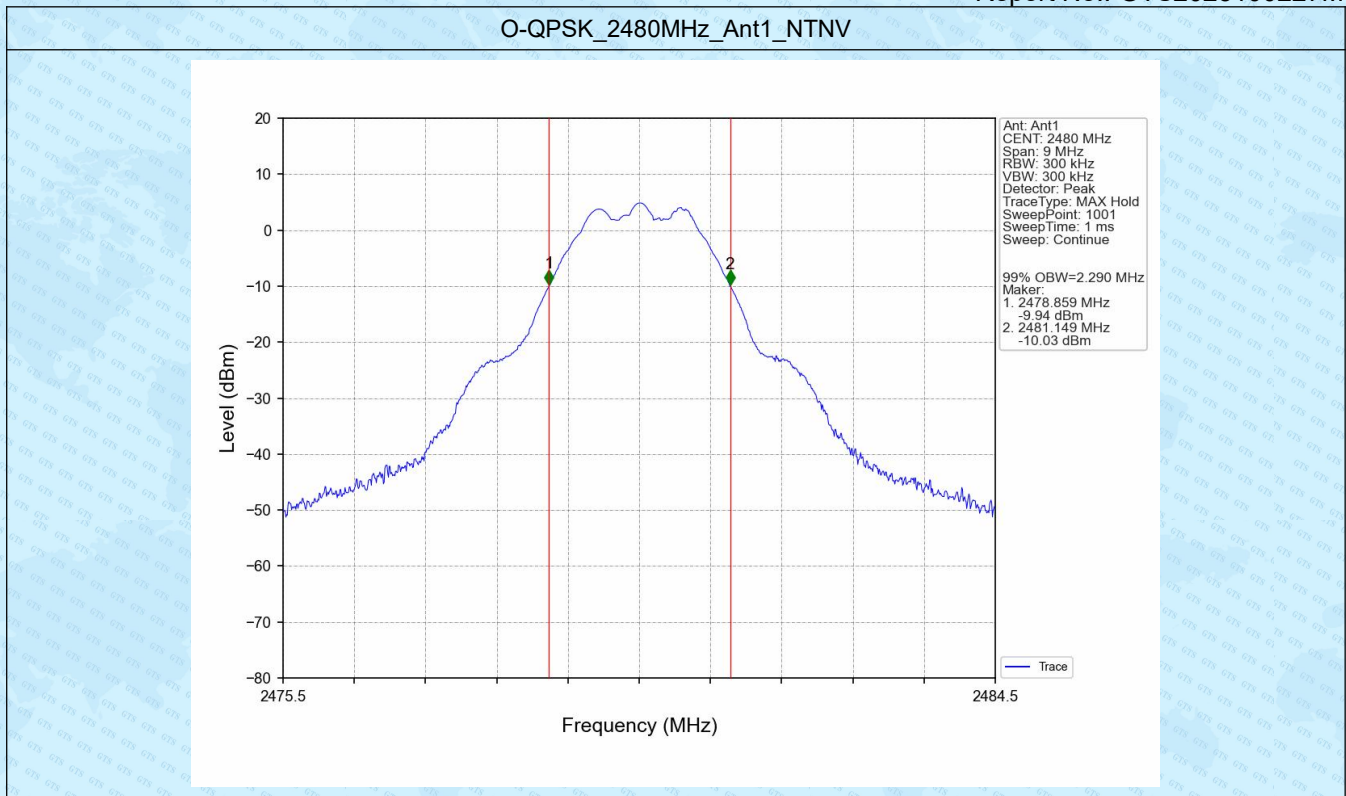
ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	O-QPSK	SISO	2405	2.280	≤ 26	Pass
			2445	2.284	≤ 26	Pass
			2480	2.290	≤ 26	Pass

2.2 Test Graph

2.2.1 OBW



O-QPSK_2480MHz_Ant1_NTNV



3. Antenna Power

3.1 Test Result

3.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power		Nominal Power (mW)	Verdict
					dbm	mW		
NTNV	O-QPSK	SISO	2405	1	4.630	2.904	<=10.00	Pass
			2445	1	3.798	2.398	<=10.00	Pass
			2480	1	3.714	2.352	<=10.00	Pass

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW)	Nominal Power (mW)	Tolerance (%)		Verdict
NTNV	O-QPSK	SISO	2405	1	2.904	2.900	0.14	20	Pass
			2445	1	2.398	2.900	-17.31	20	Pass
			2480	1	2.352	2.900	-18.90	20	Pass

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (dbm)	EIRP (dbm)	Limit (dbm)	Verdict
NTNV	O-QPSK	SISO	2405	1	4.630	5.860	12.14	Pass
			2445	1	3.798	5.028	12.14	Pass
			2480	1	3.714	4.944	12.14	Pass

4. Spurious Emission Intensity

4.1 Test Result

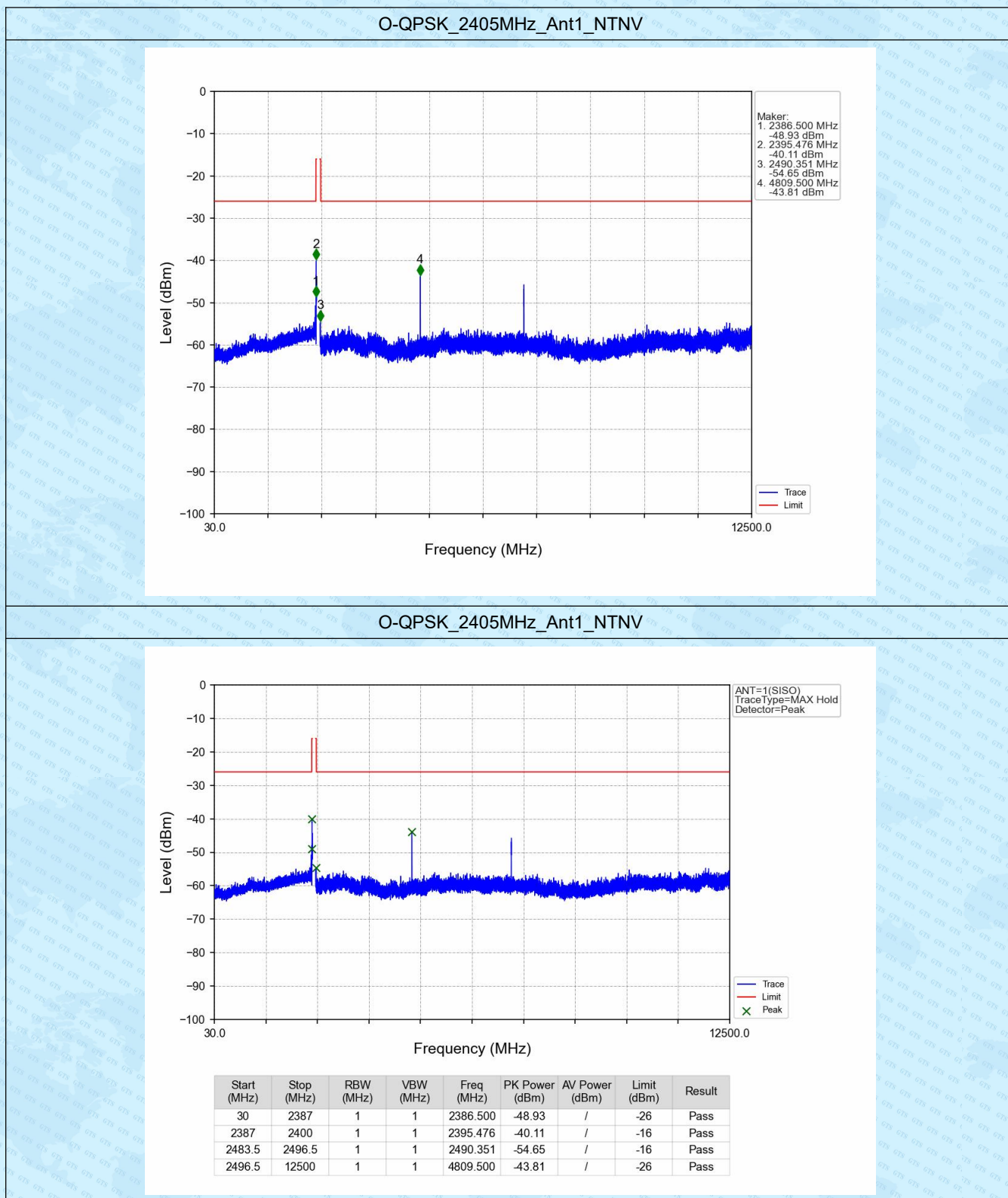
4.1.1 TxSe_NTNV

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
O-QPSK	SISO	2405	1	30	2387	2386.5	-48.93	0.013	/	/	2.5	Pass
				2387	2400	2395.476	-40.11	0.097	/	/	25	Pass
				2483.5	2496.5	2490.351	-54.65	0.003	/	/	25	Pass
				2496.5	12500	4809.5	-43.81	0.042	/	/	2.5	Pass
		2445	1	30	2387	2189.5	-54.85	0.003	/	/	2.5	Pass
				2387	2400	2397.062	-52.03	0.006	/	/	25	Pass
				2483.5	2496.5	2483.617	-51.03	0.008	/	/	25	Pass
				2496.5	12500	4889.5	-45.29	0.030	/	/	2.5	Pass

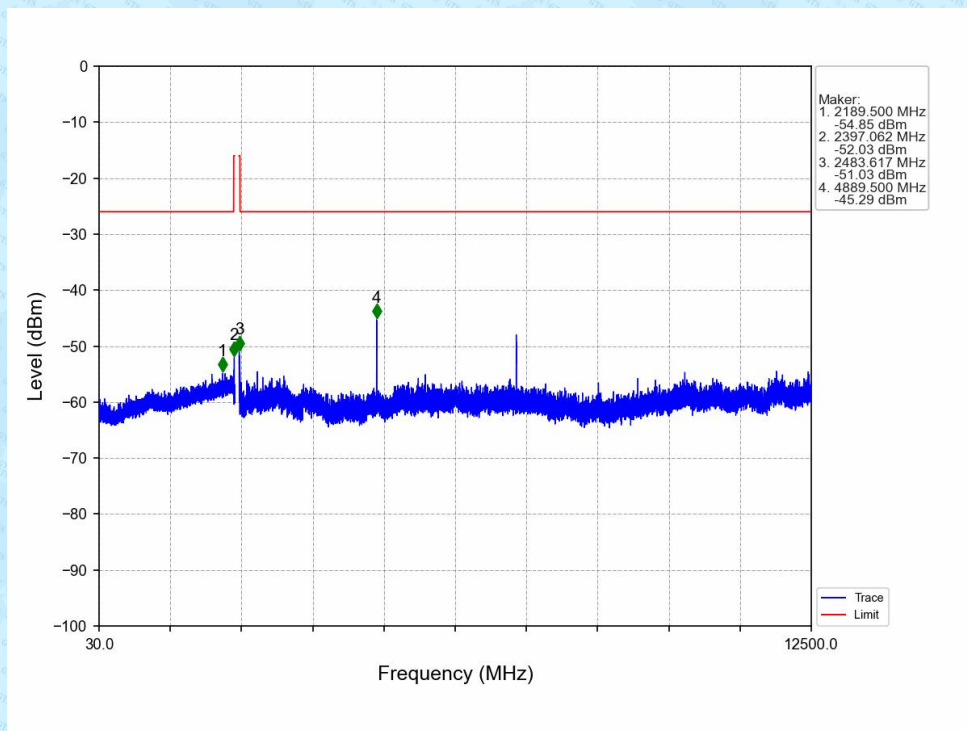
	2480	1	30	2387	2351.5	-55.02	0.003	/	/	2.5	Pass
			2387	2400	2393.76	-55.40	0.003	/	/	25	Pass
			2483.5	2496.5	2483.565	-38.03	0.157	/	/	25	Pass
			2496.5	12500	4959.5	-45.07	0.031	/	/	2.5	Pass

4.2 Test Graph

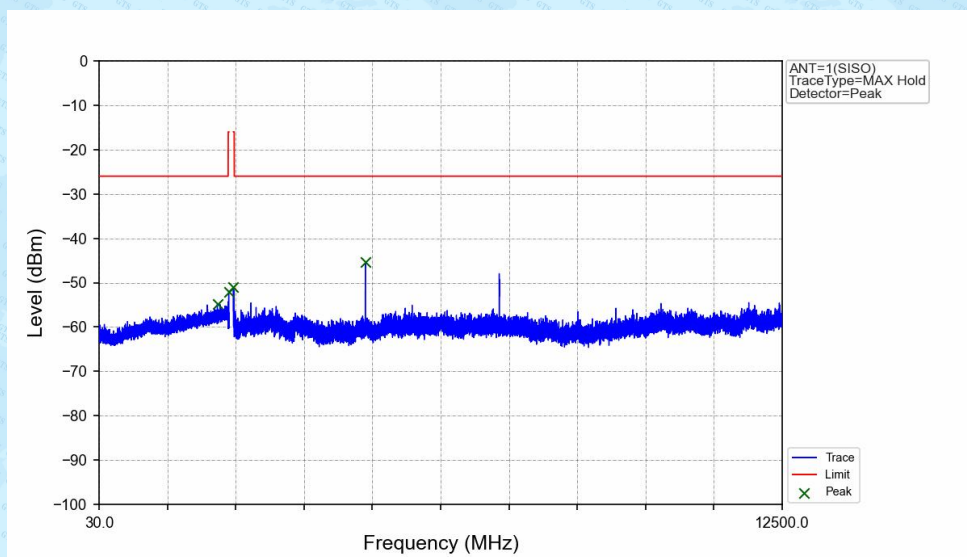
4.2.1 TxSe_NTNV



O-QPSK_2445MHz_Ant1_NTNV

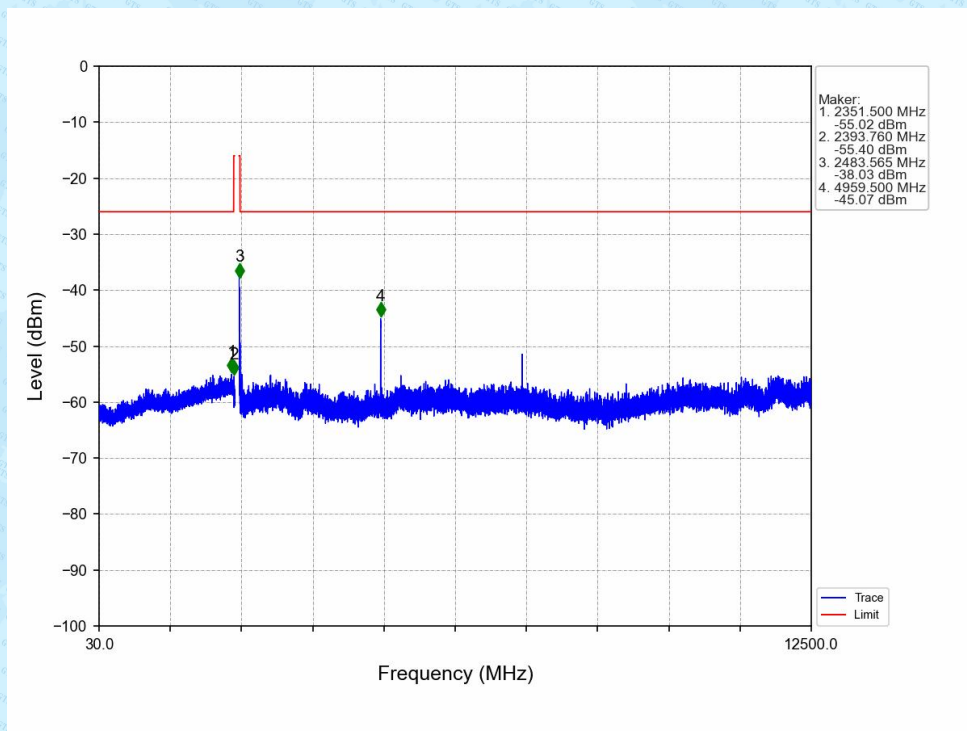


O-QPSK_2445MHz_Ant1_NTNV

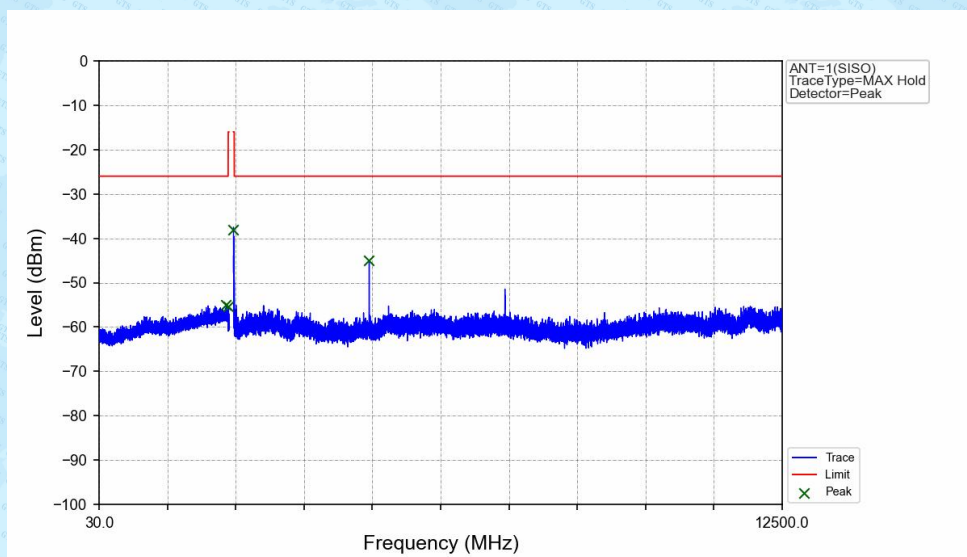


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2189.500	-54.85	/	-26	Pass
2387	2400	1	1	2397.062	-52.03	/	-16	Pass
2483.5	2496.5	1	1	2483.617	-51.03	/	-16	Pass
2496.5	12500	1	1	4889.500	-45.29	/	-26	Pass

O-QPSK_2480MHz_Ant1_NTNV



O-QPSK_2480MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2351.500	-55.02	/	-26	Pass
2387	2400	1	1	2393.760	-55.40	/	-16	Pass
2483.5	2496.5	1	1	2483.565	-38.03	/	-16	Pass
2496.5	12500	1	1	4959.500	-45.07	/	-26	Pass

5. Secondary Radiated Emission

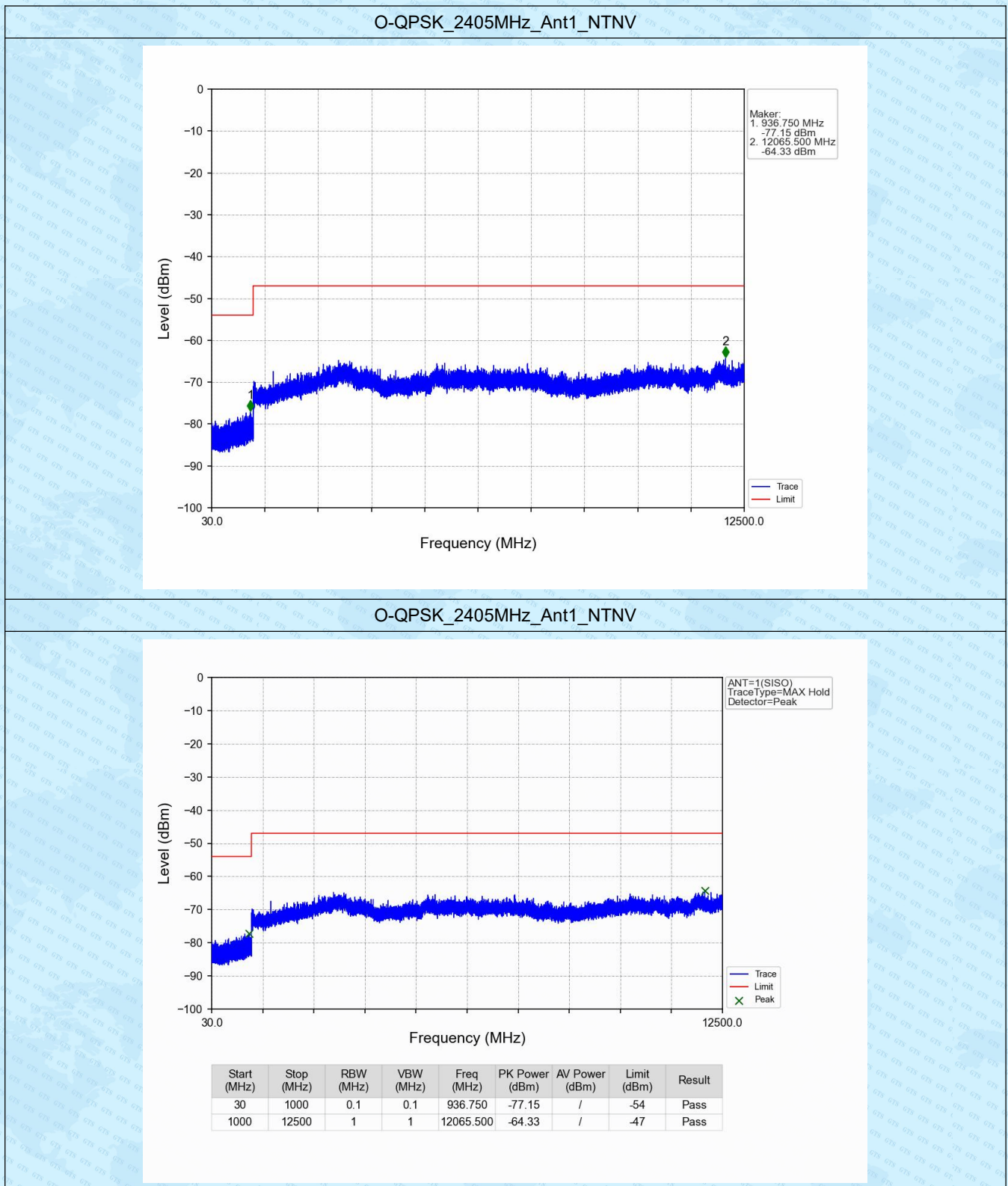
5.1 Test Result

5.1.1 RxSe_NTNV

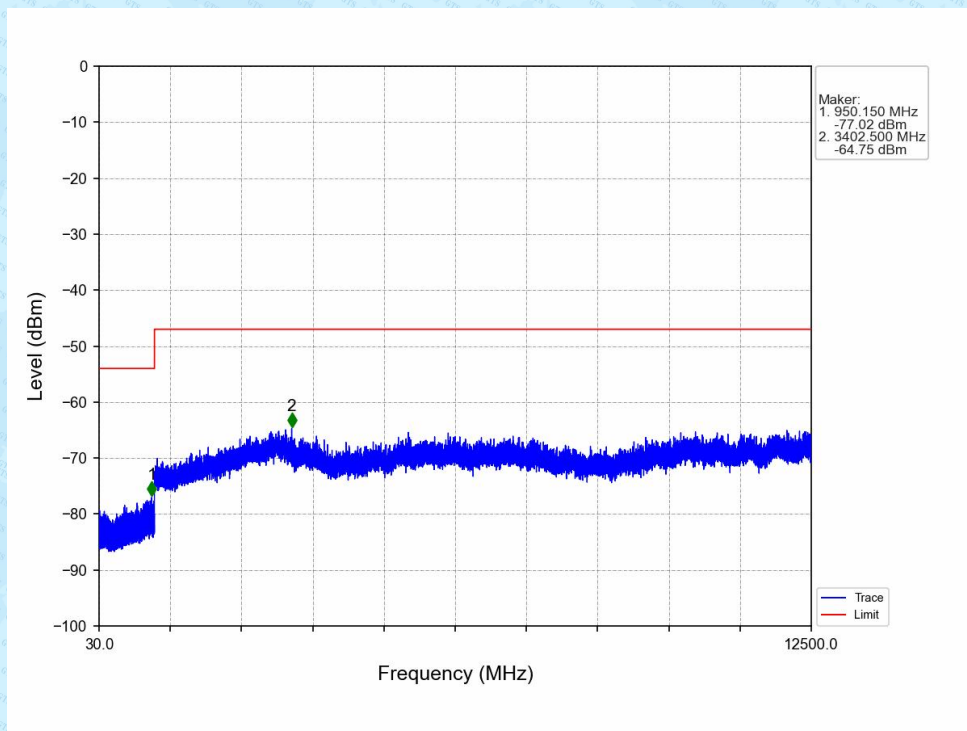
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
O-QPSK	SISO	2405	1	30	1000	936.75	-77.15	0.019	/	/	4	Pass
				1000	12500	12065.5	-64.33	0.369	/	/	20	Pass
		2445	1	30	1000	950.15	-77.02	0.020	/	/	4	Pass
				1000	12500	3402.5	-64.75	0.335	/	/	20	Pass
		2480	1	30	1000	953.75	-76.78	0.021	/	/	4	Pass
				1000	12500	3041.5	-62.95	0.507	/	/	20	Pass

5.2 Test Graph

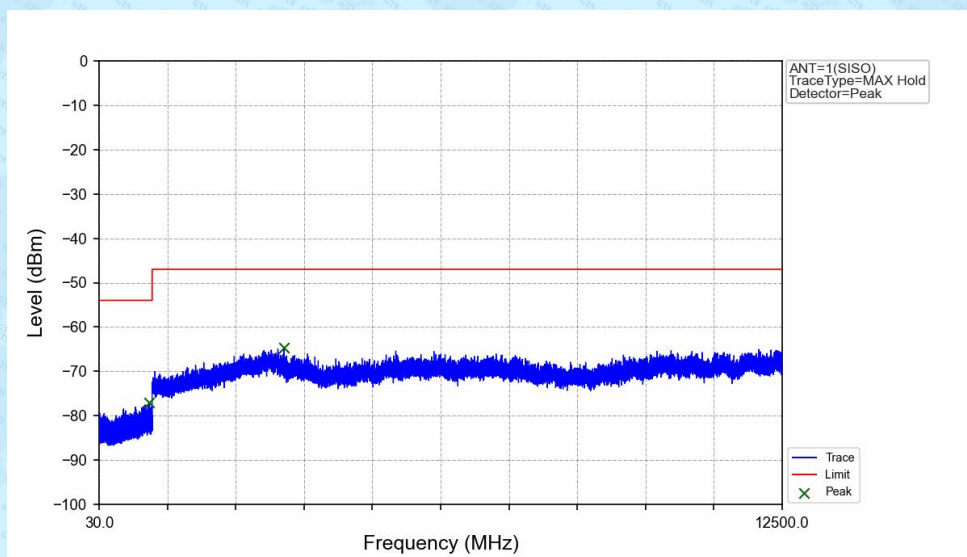
5.2.1 RxSe_NTNV



O-QPSK_2445MHz_Ant1_NTNV

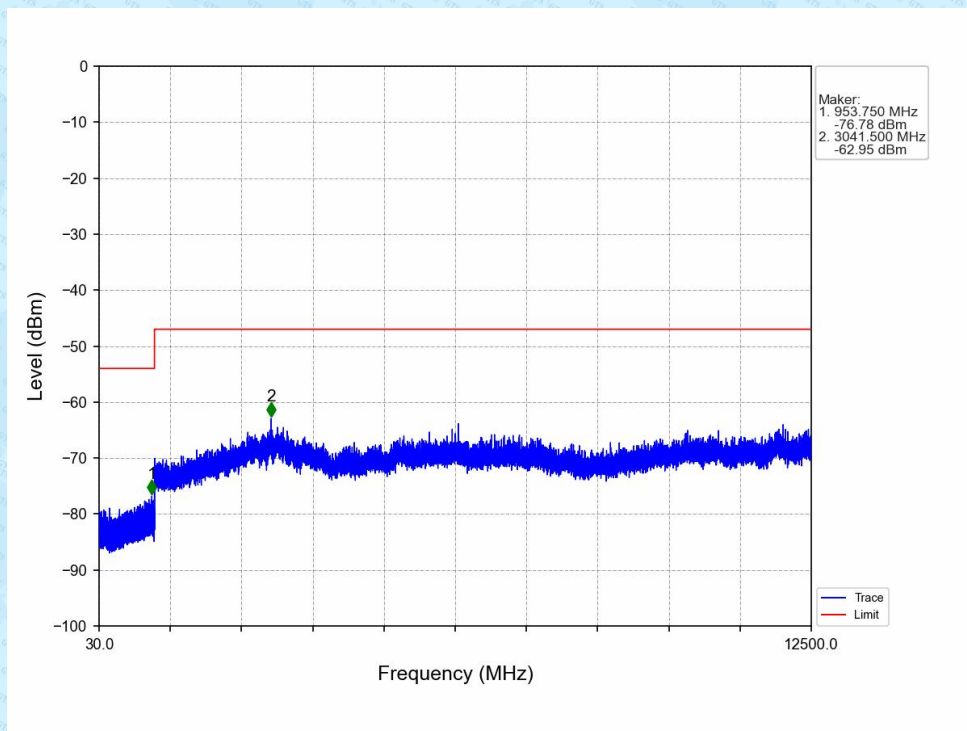


O-QPSK_2445MHz_Ant1_NTNV

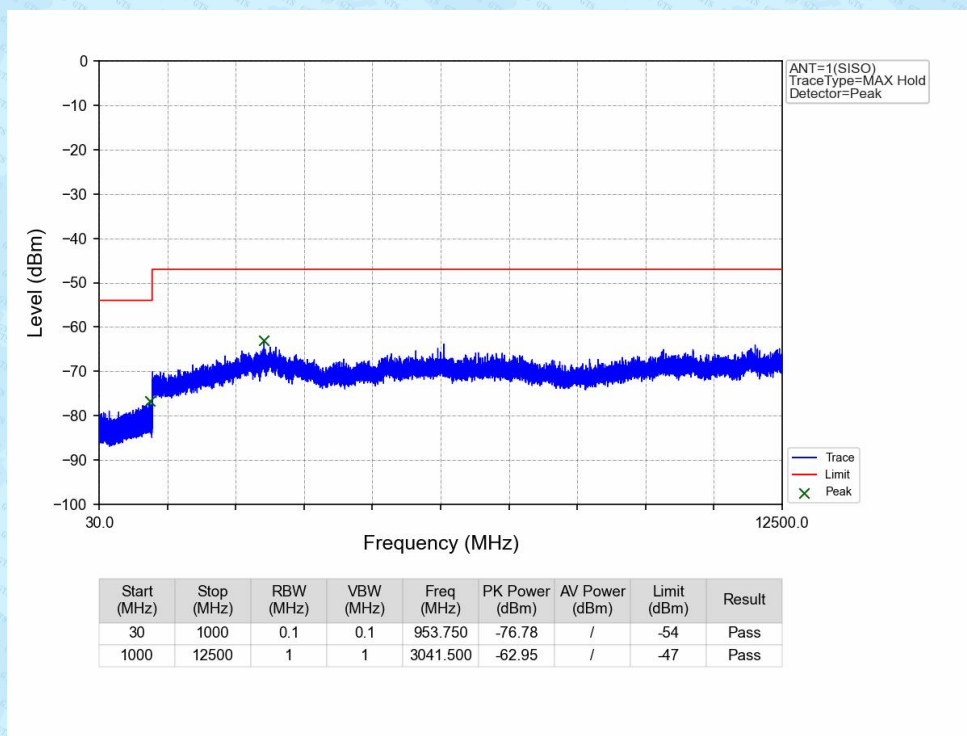


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	950.150	-77.02	/	-54	Pass
1000	12500	1	1	3402.500	-64.75	/	-47	Pass

O-QPSK_2480MHz_Ant1_NTNV



O-QPSK_2480MHz_Ant1_NTNV



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