



FCC TEST REPORT

(PART 24)

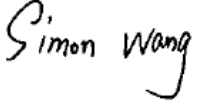
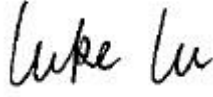
Applicant:	Shenzhen Zolon Technology Co., Ltd.
Address:	401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, China

Manufacturer or Supplier:	Shenzhen Zolon Technology Co., Ltd.
Address:	401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen, China
Product:	Pay Tablet
Brand Name:	ZOLON
Model Name:	M8
HW version:	M8-XXX-XXX-XXXX
SW version:	V0.0.0.1
FCC ID:	2AV5BM8
Registration No:	525120
Designation No:	CN1171
Date of tests:	Sep. 19, 2021 ~ Oct. 30, 2021

The tests have been carried out according to the requirements of the following standard:

☒ **FCC PART 24, Subpart E** ☒ **FCC PART 2**
☒ **ANSI/TIA/EIA-603-D** ☒ **ANSI/TIA/EIA-603-E** ☒ **ANSI C63.26-2015**

CONCLUSION: The submitted sample was found to comply with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
	
Date: May. 29, 2024	Date: May. 29, 2024

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

APPENDIX A 2

TABLE OF CONTENTS

1. FREQUENCY STABILITY	5
1.1. WCDMA_B2	5
1.1.1 TEST RESULT	5
1.2. LTE_B2_1.4MHZ	6
1.2.1. TEST RESULT	6
1.3. B2_3MHZ	7
1.3.1. TEST RESULT	7
1.4. B2_5MHZ	8
1.4.1. TEST RESULT	8
1.5. B2_10MHZ	9
1.5.1. TEST RESULT	9
1.6. B2_15MHZ	10
1.6.1. TEST RESULT	10
1.7. B2_20MHZ	11
1.7.1. TEST RESULT	11
2. 99% & 26DB BANDWIDTH	12
2.1. WCDMA_BAND2_OBW	12
2.1.1. TEST RESULT	12
2.1.2. TEST GRAPH	14
2.2. LTE_BAND2_OBW	16
2.2.1. TEST RESULT	16
2.2.2. TEST GRAPH	17
2.3. WCDMA_BAND2_XDB	35
2.3.1. TEST RESULT	35



2.3.2.	TEST GRAPH	36
2.4.	LTE_BAND2_XDB.....	38
2.4.1.	TEST RESULT	38
2.4.2.	TEST GRAPH	39
3.	PEAK-AVERAGE RATIO	57
3.1.	WCDMA_BAND2.....	57
3.1.1.	TEST RESULT	57
3.1.2.	TEST GRAPH	58
3.2.	LTE_B2_1.4MHZ.....	60
3.2.1.	TEST RESULT	60
3.2.2.	TEST GRAPH	61
3.3.	LTE_B2_3MHZ.....	64
3.3.1.	TEST RESULT	64
3.3.2.	TEST GRAPH	65
3.4.	LTE_B2_5MHZ.....	68
3.4.1.	TEST RESULT	68
3.4.2.	TEST GRAPH	69
3.5.	LTE_B2_10MHZ.....	72
3.5.1.	TEST RESULT	72
3.5.2.	TEST GRAPH	73
3.6.	LTE_B2_15MHZ.....	76
3.6.1.	TEST RESULT	76
3.6.2.	TEST GRAPH	77
3.7.	LTE_B2_20MHZ.....	80
3.7.1.	TEST RESULT	80
3.7.2.	TEST GRAPH	81
4.	SPURIOUS EMISSION.....	84



4.1.	WCDMA_BAND2.....	84
4.1.1.	TEST RESULT	84
4.1.2.	TEST GRAPH	85
4.2.	LTE_B2_1.4MHZ.....	88
4.2.1.	TEST RESULT	88
4.2.2.	TEST GRAPH	89
4.3.	LTE_B2_3MHZ.....	96
4.3.1.	TEST RESULT	96
4.3.2.	TEST GRAPH	97
4.4.	LTE_B2_5MHZ.....	104
4.4.1.	TEST RESULT	104
4.4.2.	TEST GRAPH	105
4.5.	LTE_B2_10MHZ.....	112
4.5.1.	TEST RESULT	112
4.5.2.	TEST GRAPH	113
4.6.	LTE_B2_15MHZ.....	120
4.6.1.	TEST RESULT	120
4.6.2.	TEST GRAPH	121
4.7.	LTE_B2_20MHZ.....	128
4.7.1.	TEST RESULT	128
4.7.2.	TEST GRAPH	129



1. Frequency Stability

1.1. WCDMA_B2

1.1.1 Test Result

WCDMA Band: 2									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
RMC	1852.4	/	/	20	3.27	16	0.02	-2.5 to 2.5	Pass
					3.85	23	0.03	-2.5 to 2.5	Pass
					4.43	31	0.04	-2.5 to 2.5	Pass
				-10	3.85	22	0.03	-2.5 to 2.5	Pass
				0	3.85	12	0.01	-2.5 to 2.5	Pass
				10	3.85	18	0.02	-2.5 to 2.5	Pass
				30	3.85	-23	-0.03	-2.5 to 2.5	Pass
				40	3.85	-29	-0.03	-2.5 to 2.5	Pass
				50	3.85	-31	-0.04	-2.5 to 2.5	Pass
	1880	/	/	20	3.27	8	0.01	-2.5 to 2.5	Pass
					3.85	12	0.01	-2.5 to 2.5	Pass
					4.43	33	0.04	-2.5 to 2.5	Pass
				-10	3.85	23	0.03	-2.5 to 2.5	Pass
				0	3.85	-7	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11	-0.01	-2.5 to 2.5	Pass
				30	3.85	-23	-0.03	-2.5 to 2.5	Pass
				40	3.85	6	0.01	-2.5 to 2.5	Pass
				50	3.85	27	0.03	-2.5 to 2.5	Pass
	1907.6	/	/	20	3.27	6	0.01	-2.5 to 2.5	Pass
					3.85	8	0.01	-2.5 to 2.5	Pass
					4.43	1	0.00	-2.5 to 2.5	Pass
				-10	3.85	-33	-0.04	-2.5 to 2.5	Pass
				0	3.85	23	0.03	-2.5 to 2.5	Pass
				10	3.85	28	0.03	-2.5 to 2.5	Pass
				30	3.85	21	0.02	-2.5 to 2.5	Pass
				40	3.85	18	0.02	-2.5 to 2.5	Pass
				50	3.85	22	0.03	-2.5 to 2.5	Pass



1.2. LTE_B2_1.4MHz

1.2.1. Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-2.32	-0.00	-2.5 to 2.5	Pass
					3.85	-7.40	-0.00	-2.5 to 2.5	Pass
					4.43	-3.29	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.59	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.28	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.71	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.71	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.72	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.40	-0.00	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-6.74	-0.00	-2.5 to 2.5	Pass
					3.85	-0.27	-0.00	-2.5 to 2.5	Pass
					4.43	-5.26	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.43	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.02	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.32	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.78	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.55	-0.00	-2.5 to 2.5	Pass
				50	3.85	-10.76	-0.01	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-7.82	-0.00	-2.5 to 2.5	Pass
					3.85	-7.24	-0.00	-2.5 to 2.5	Pass
					4.43	-7.14	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.26	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.01	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.14	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-3.75	-0.00	-2.5 to 2.5	Pass
					3.85	-2.69	-0.00	-2.5 to 2.5	Pass
					4.43	-6.49	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.26	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.52	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.53	-0.00	-2.5 to 2.5	Pass
				40	3.85	-8.23	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.35	-0.00	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-6.08	-0.00	-2.5 to 2.5	Pass
					3.85	-4.21	-0.00	-2.5 to 2.5	Pass
					4.43	-2.79	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.78	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.47	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.15	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.30	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.45	-0.00	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-1.93	-0.00	-2.5 to 2.5	Pass
					3.85	-6.98	-0.00	-2.5 to 2.5	Pass



				4.43	-4.32	-0.00	-2.5 to 2.5	Pass
			-10	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
			0	3.85	-6.85	-0.00	-2.5 to 2.5	Pass
			10	3.85	-8.38	-0.00	-2.5 to 2.5	Pass
			30	3.85	-5.88	-0.00	-2.5 to 2.5	Pass
			40	3.85	-7.32	-0.00	-2.5 to 2.5	Pass
			50	3.85	-8.41	-0.00	-2.5 to 2.5	Pass

1.3. B2_3MHz

1.3.1. Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	0.26	0.00	-2.5 to 2.5	Pass
					3.85	-1.67	-0.00	-2.5 to 2.5	Pass
					4.43	-4.71	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.83	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.74	-0.00	-2.5 to 2.5	Pass
				30	3.85	-12.13	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.34	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.14	-0.00	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.08	-0.00	-2.5 to 2.5	Pass
					3.85	-6.41	-0.00	-2.5 to 2.5	Pass
					4.43	-5.22	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.98	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.24	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.02	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.66	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.45	-0.00	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-4.53	-0.00	-2.5 to 2.5	Pass
					3.85	-5.19	-0.00	-2.5 to 2.5	Pass
					4.43	-7.91	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.05	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.41	-0.00	-2.5 to 2.5	Pass
				10	3.85	-10.26	-0.01	-2.5 to 2.5	Pass
				30	3.85	-12.62	-0.01	-2.5 to 2.5	Pass
				40	3.85	-10.57	-0.01	-2.5 to 2.5	Pass
				50	3.85	-9.78	-0.01	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-7.85	-0.00	-2.5 to 2.5	Pass
					3.85	-11.13	-0.01	-2.5 to 2.5	Pass
					4.43	-8.23	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.65	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.21	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.77	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.74	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.03	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.05	-0.00	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-5.24	-0.00	-2.5 to 2.5	Pass
					3.85	-6.74	-0.00	-2.5 to 2.5	Pass
					4.43	-3.18	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.21	-0.00	-2.5 to 2.5	Pass



				0	3.85	-5.85	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.17	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.68	-0.00	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-8.24	-0.00	-2.5 to 2.5	Pass
					3.85	-7.80	-0.00	-2.5 to 2.5	Pass
					4.43	-8.47	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-10.89	-0.01	-2.5 to 2.5	Pass
				0	3.85	-13.18	-0.01	-2.5 to 2.5	Pass
				10	3.85	-12.35	-0.01	-2.5 to 2.5	Pass
				30	3.85	-10.83	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.07	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.64	-0.00	-2.5 to 2.5	Pass

1.4. B2_5MHz

1.4.1. Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-9.06	-0.00	-2.5 to 2.5	Pass
					3.85	-12.87	-0.01	-2.5 to 2.5	Pass
					4.43	-12.75	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-0.74	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.39	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.05	-0.00	-2.5 to 2.5	Pass
				40	3.85	-11.06	-0.01	-2.5 to 2.5	Pass
				50	3.85	-9.30	-0.01	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-7.68	-0.00	-2.5 to 2.5	Pass
					3.85	-8.14	-0.00	-2.5 to 2.5	Pass
					4.43	-9.06	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-10.74	-0.01	-2.5 to 2.5	Pass
				0	3.85	-8.50	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.69	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.90	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.54	-0.00	-2.5 to 2.5	Pass
				50	3.85	-5.64	-0.00	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-3.62	-0.00	-2.5 to 2.5	Pass
					3.85	-9.23	-0.00	-2.5 to 2.5	Pass
					4.43	-8.61	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.95	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.35	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.08	-0.00	-2.5 to 2.5	Pass
				30	3.85	-9.90	-0.01	-2.5 to 2.5	Pass
				40	3.85	-12.33	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.73	-0.01	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-6.92	-0.00	-2.5 to 2.5	Pass
					3.85	-8.17	-0.00	-2.5 to 2.5	Pass
					4.43	-12.30	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-12.36	-0.01	-2.5 to 2.5	Pass
				0	3.85	-10.76	-0.01	-2.5 to 2.5	Pass
				10	3.85	-10.16	-0.01	-2.5 to 2.5	Pass



	1880	25	0	30	3.85	-8.44	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.25	-0.00	-2.5 to 2.5	Pass
				50	3.85	-5.51	-0.00	-2.5 to 2.5	Pass
				20	3.27	-4.63	-0.00	-2.5 to 2.5	Pass
					3.85	-11.12	-0.01	-2.5 to 2.5	Pass
					4.43	-12.26	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-5.25	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.67	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.35	-0.00	-2.5 to 2.5	Pass
	1907.5	25	0	30	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.69	-0.00	-2.5 to 2.5	Pass
				50	3.85	-9.51	-0.01	-2.5 to 2.5	Pass
				20	3.27	-7.95	-0.00	-2.5 to 2.5	Pass
					3.85	-4.28	-0.00	-2.5 to 2.5	Pass
					4.43	-6.85	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.14	-0.00	-2.5 to 2.5	Pass
				0	3.85	-8.24	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.09	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.47	-0.00	-2.5 to 2.5	Pass
				40	3.85	-10.31	-0.01	-2.5 to 2.5	Pass
				50	3.85	-8.21	-0.00	-2.5 to 2.5	Pass

1.5. B2_10MHz

1.5.1. Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-8.21	-0.00	-2.5 to 2.5	Pass
					3.85	-7.81	-0.00	-2.5 to 2.5	Pass
					4.43	-8.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.87	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.71	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.95	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.54	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.52	-0.00	-2.5 to 2.5	Pass
				50	3.85	-5.85	-0.00	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.47	-0.00	-2.5 to 2.5	Pass
					3.85	-3.40	-0.00	-2.5 to 2.5	Pass
					4.43	-3.62	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.33	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.82	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-3.50	-0.00	-2.5 to 2.5	Pass
					3.85	-3.46	-0.00	-2.5 to 2.5	Pass
					4.43	-3.62	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.30	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.14	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.67	-0.00	-2.5 to 2.5	Pass



				50	3.85	-11.57	-0.01	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-0.82	-0.00	-2.5 to 2.5	Pass
					3.85	0.31	0.00	-2.5 to 2.5	Pass
					4.43	-0.53	-0.00	-2.5 to 2.5	Pass
					-10	3.85	1.23	0.00	-2.5 to 2.5
				0	3.85	-2.78	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.96	-0.00	-2.5 to 2.5	Pass
				30	3.85	1.22	0.00	-2.5 to 2.5	Pass
				40	3.85	0.72	0.00	-2.5 to 2.5	Pass
	50	3.85	-1.03	-0.00	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-6.78	-0.00	-2.5 to 2.5	Pass
					3.85	-4.33	-0.00	-2.5 to 2.5	Pass
					4.43	-4.58	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-4.95	-0.00	-2.5 to 2.5
				0	3.85	-4.71	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.82	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.06	0.00	-2.5 to 2.5	Pass
				40	3.85	-8.04	-0.00	-2.5 to 2.5	Pass
	50	3.85	-6.05	-0.00	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-4.01	-0.00	-2.5 to 2.5	Pass
					3.85	-7.61	-0.00	-2.5 to 2.5	Pass
					4.43	-4.19	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-2.15	-0.00	-2.5 to 2.5
				0	3.85	-6.92	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.24	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.73	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.07	0.00	-2.5 to 2.5	Pass
	50	3.85	-5.41	-0.00	-2.5 to 2.5	Pass			

1.6. B2_15MHz

1.6.1. Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-7.24	-0.00	-2.5 to 2.5	Pass
					3.85	-7.35	-0.00	-2.5 to 2.5	Pass
					4.43	-7.78	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.37	-0.00	-2.5 to 2.5	Pass
				0	3.85	-8.10	-0.00	-2.5 to 2.5	Pass
				10	3.85	-8.31	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.21	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.21	-0.00	-2.5 to 2.5	Pass
	1880	75	0	50	3.85	-6.38	-0.00	-2.5 to 2.5	Pass
				20	3.27	-6.08	-0.00	-2.5 to 2.5	Pass
					3.85	-10.19	-0.01	-2.5 to 2.5	Pass
					4.43	-8.94	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.64	-0.00	-2.5 to 2.5	Pass
				0	3.85	-8.33	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.25	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.49	-0.00	-2.5 to 2.5	Pass
				40	3.85	-9.54	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.31	-0.00	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-2.42	-0.00	-2.5 to 2.5	Pass



						3.85	-2.95	-0.00	-2.5 to 2.5	Pass
						4.43	-3.68	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
					0	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
					10	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
					30	3.85	-5.58	-0.00	-2.5 to 2.5	Pass
					40	3.85	-6.91	-0.00	-2.5 to 2.5	Pass
					50	3.85	-7.68	-0.00	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20		3.27	-6.17	-0.00	-2.5 to 2.5	Pass
						3.85	-2.13	-0.00	-2.5 to 2.5	Pass
						4.43	-7.77	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-6.71	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-3.55	-0.00	-2.5 to 2.5	Pass	
				10	3.85	-3.68	-0.00	-2.5 to 2.5	Pass	
				30	3.85	-7.98	-0.00	-2.5 to 2.5	Pass	
				40	3.85	-6.98	-0.00	-2.5 to 2.5	Pass	
	50	3.85	-5.87	-0.00	-2.5 to 2.5	Pass				
	1880	75	0	20		3.27	-8.70	-0.00	-2.5 to 2.5	Pass
						3.85	-7.94	-0.00	-2.5 to 2.5	Pass
						4.43	-7.74	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.27	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-6.25	-0.00	-2.5 to 2.5	Pass	
				10	3.85	-7.11	-0.00	-2.5 to 2.5	Pass	
				30	3.85	-7.24	-0.00	-2.5 to 2.5	Pass	
				40	3.85	-4.98	-0.00	-2.5 to 2.5	Pass	
	50	3.85	-4.79	-0.00	-2.5 to 2.5	Pass				
	1902.5	75	0	20		3.27	-3.43	-0.00	-2.5 to 2.5	Pass
						3.85	-4.78	-0.00	-2.5 to 2.5	Pass
						4.43	-6.82	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-6.51	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-1.43	-0.00	-2.5 to 2.5	Pass	
				10	3.85	-4.36	-0.00	-2.5 to 2.5	Pass	
30				3.85	-2.16	-0.00	-2.5 to 2.5	Pass		
40				3.85	-2.00	-0.00	-2.5 to 2.5	Pass		
50	3.85	-1.83	-0.00	-2.5 to 2.5	Pass					

1.7. B2_20MHz

1.7.1. Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-3.15	-0.00	-2.5 to 2.5	Pass
					3.85	-7.85	-0.00	-2.5 to 2.5	Pass
					4.43	-3.89	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.29	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.68	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.89	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.79	-0.00	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.08	-0.00	-2.5 to 2.5	Pass
					3.85	-7.08	-0.00	-2.5 to 2.5	Pass
					4.43	-8.61	-0.00	-2.5 to 2.5	Pass



				-10	3.85	-4.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.01	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.00	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.22	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.32	-0.00	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.63	-0.00	-2.5 to 2.5	Pass
					3.85	-1.42	-0.00	-2.5 to 2.5	Pass
					4.43	-3.45	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.51	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.51	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.48	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-5.31	-0.00	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.82	-0.00	-2.5 to 2.5	Pass
					3.85	-1.47	-0.00	-2.5 to 2.5	Pass
					4.43	-5.69	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.19	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.41	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.26	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.65	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.88	-0.00	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-8.47	-0.00	-2.5 to 2.5	Pass
					3.85	-6.12	-0.00	-2.5 to 2.5	Pass
					4.43	-6.71	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.99	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.63	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.32	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.16	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.75	-0.00	-2.5 to 2.5	Pass
				50	3.85	-8.33	-0.00	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-6.84	-0.00	-2.5 to 2.5	Pass
					3.85	-8.15	-0.00	-2.5 to 2.5	Pass
					4.43	-7.71	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.28	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.01	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.98	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.60	-0.00	-2.5 to 2.5	Pass
				50	3.85	-5.97	-0.00	-2.5 to 2.5	Pass

2. 99% & 26dB Bandwidth

2.1. WCDMA_Band2_OBW

2.1.1. Test Result

WCDMABand: 2					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	

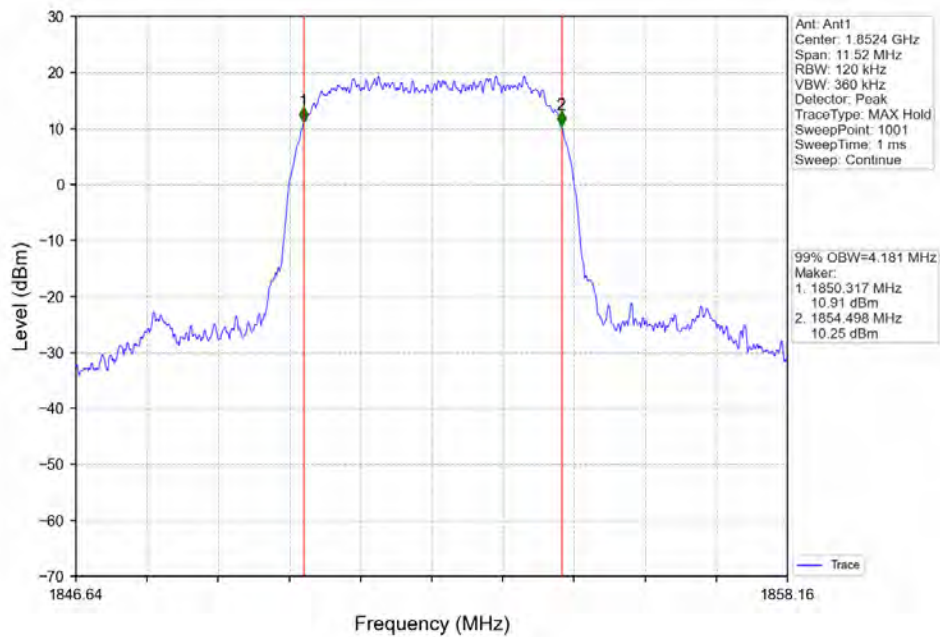


NTNV	RMC	12.2kbps RMC	1852.4	4.181	Pass
			1880	4.189	Pass
			1907.6	4.169	Pass

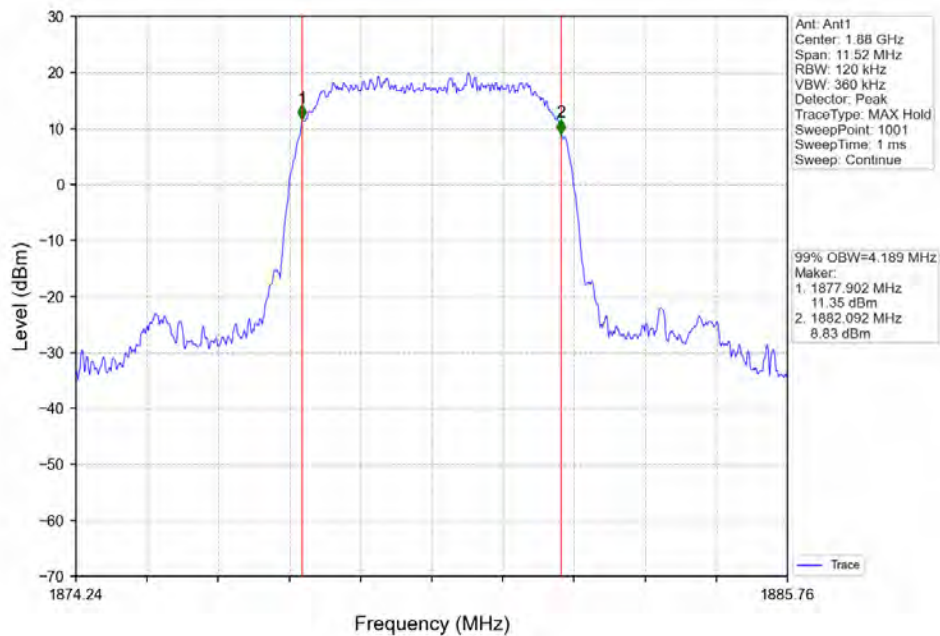


2.1.2. Test Graph

Band2_RMC_LCH_1852.4MHz_12.2kbps RMC_NTNV

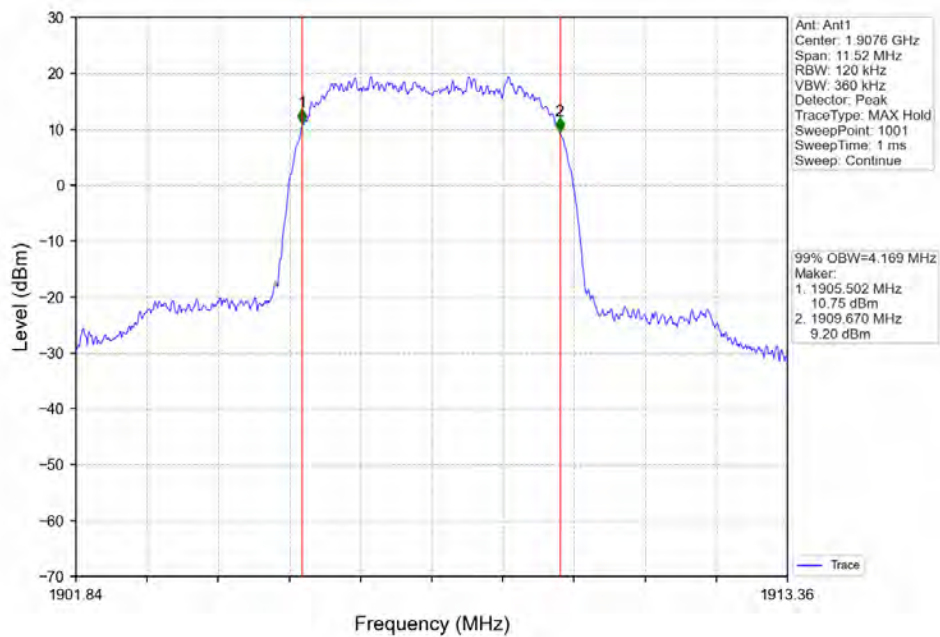


Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV





Band2 RMC HCH 1907.6MHz 12.2kbps RMC NTN





2.2. LTE_Band2_OBW

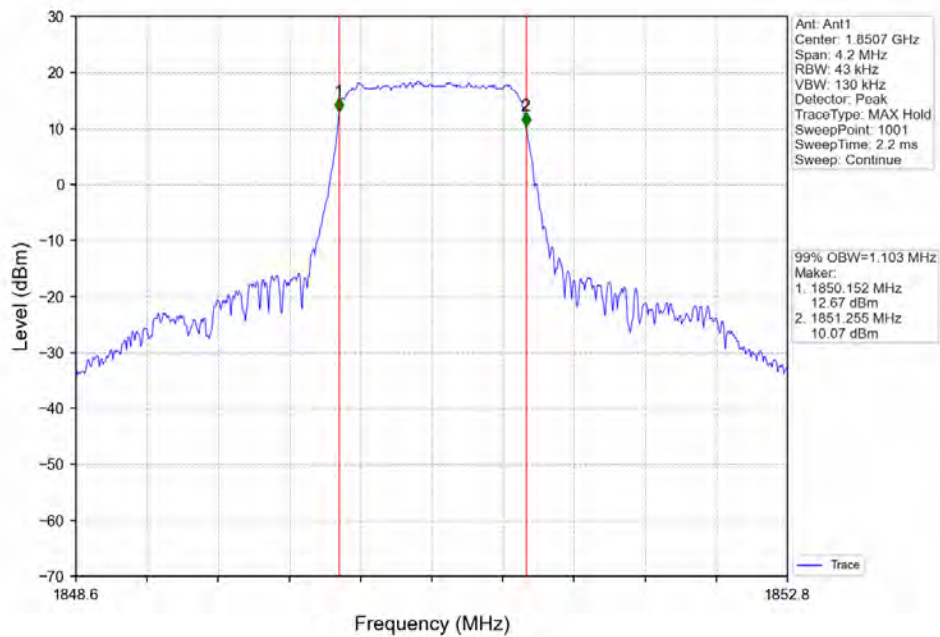
2.2.1. Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.103	Pass
		1880	6	0	1.116	Pass
		1909.3	6	0	1.107	Pass
	16QAM	1850.7	6	0	1.115	Pass
		1880	6	0	1.101	Pass
		1909.3	6	0	1.113	Pass
3	QPSK	1851.5	15	0	2.722	Pass
		1880	15	0	2.728	Pass
		1908.5	15	0	2.722	Pass
	16QAM	1851.5	15	0	2.721	Pass
		1880	15	0	2.723	Pass
		1908.5	15	0	2.717	Pass
5	QPSK	1852.5	25	0	4.548	Pass
		1880	25	0	4.538	Pass
		1907.5	25	0	4.534	Pass
	16QAM	1852.5	25	0	4.528	Pass
		1880	25	0	4.543	Pass
		1907.5	25	0	4.541	Pass
10	QPSK	1855	50	0	9.054	Pass
		1880	50	0	9.025	Pass
		1905	50	0	9.048	Pass
	16QAM	1855	50	0	9.034	Pass
		1880	50	0	9.032	Pass
		1905	50	0	9.032	Pass
15	QPSK	1857.5	75	0	13.585	Pass
		1880	75	0	13.553	Pass
		1902.5	75	0	13.573	Pass
	16QAM	1857.5	75	0	13.574	Pass
		1880	75	0	13.580	Pass
		1902.5	75	0	13.580	Pass
20	QPSK	1860	100	0	18.095	Pass
		1880	100	0	18.084	Pass
		1900	100	0	18.135	Pass
	16QAM	1860	100	0	18.054	Pass
		1880	100	0	18.093	Pass
		1900	100	0	18.148	Pass

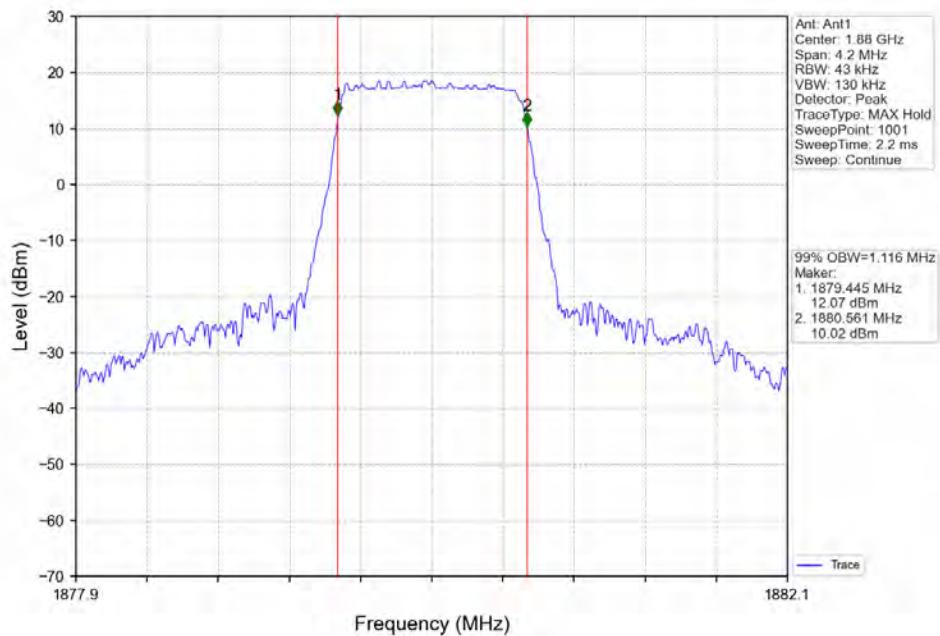


2.2.2. Test Graph

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

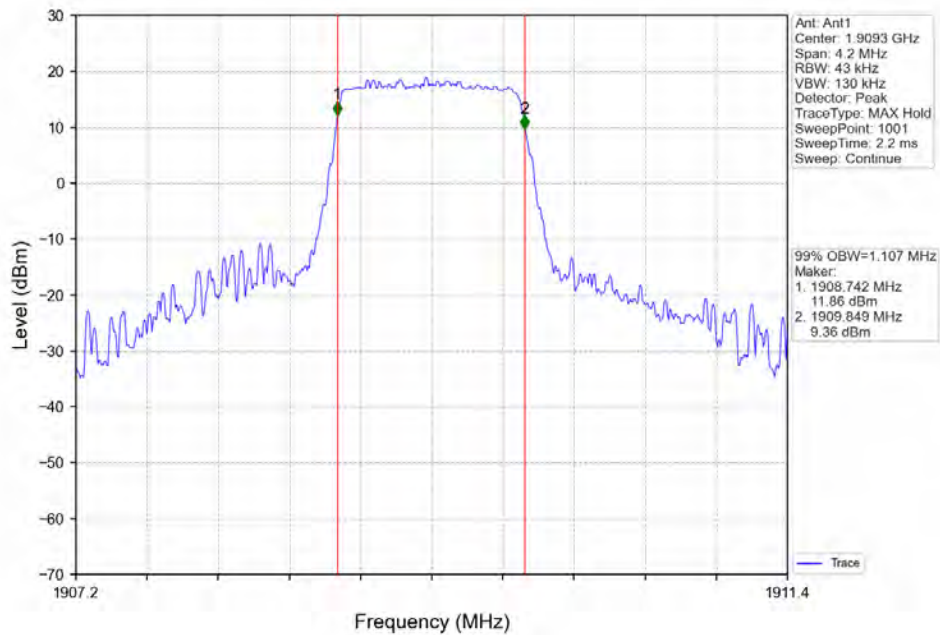


Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

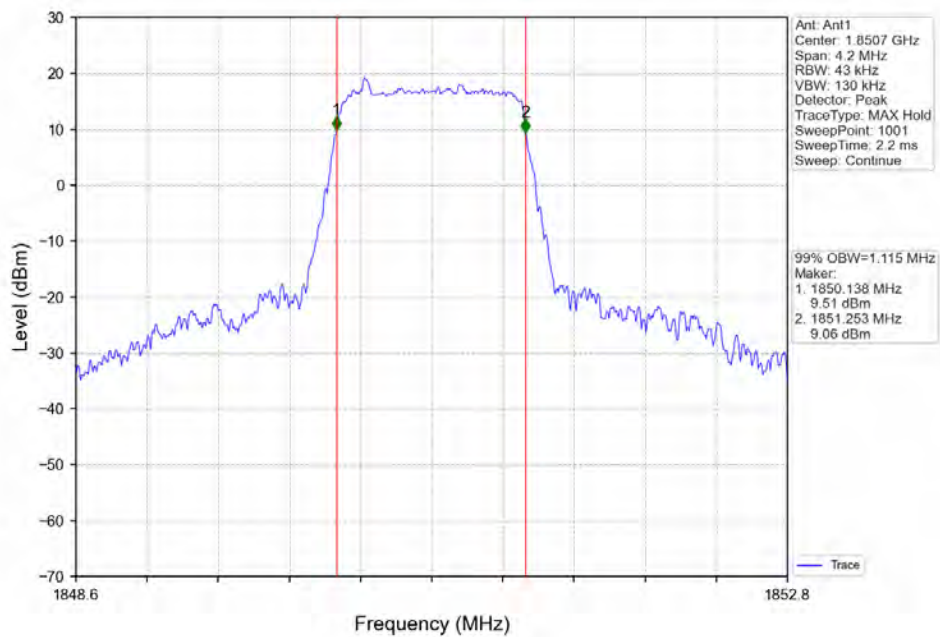




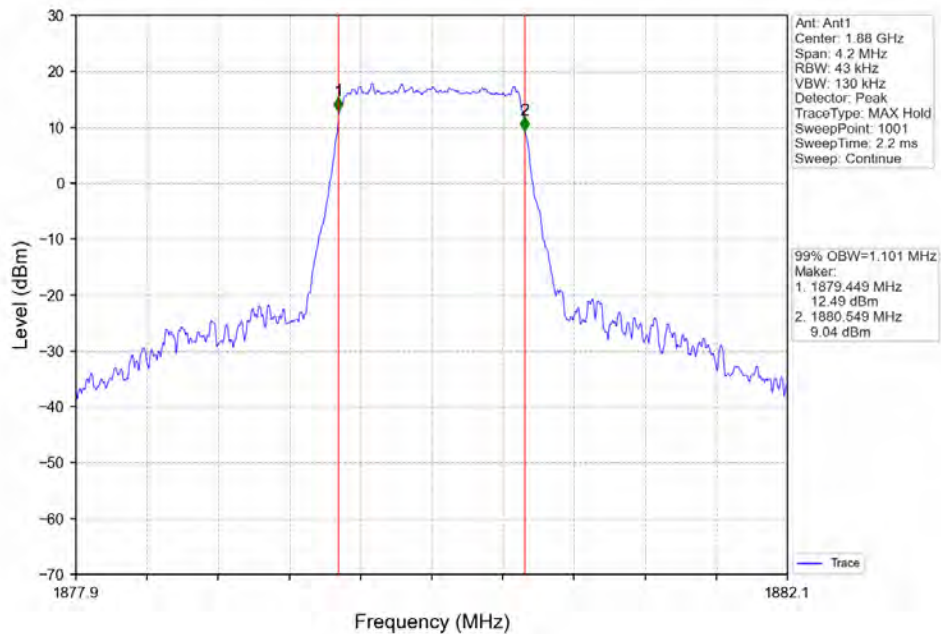
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



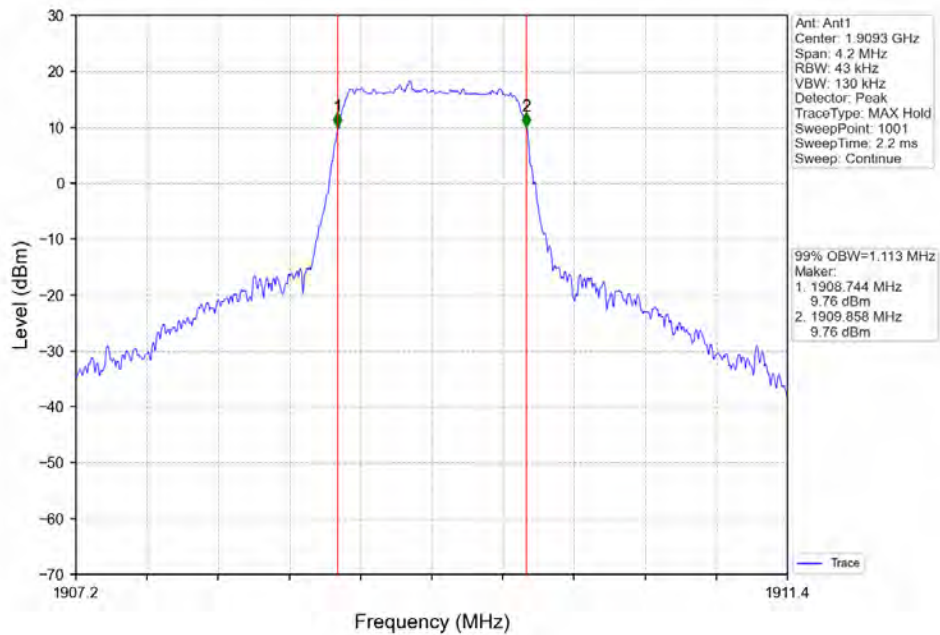
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



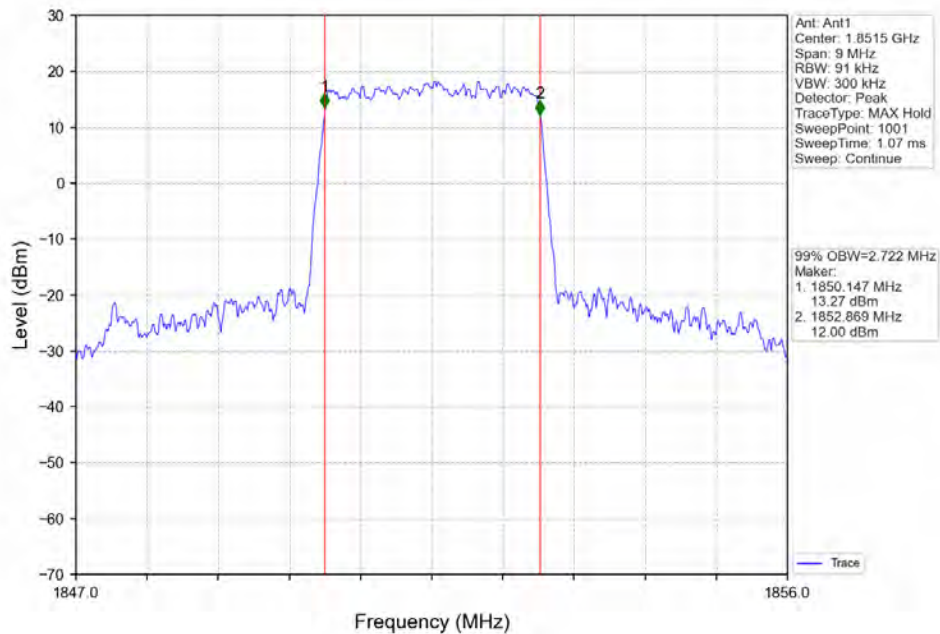
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



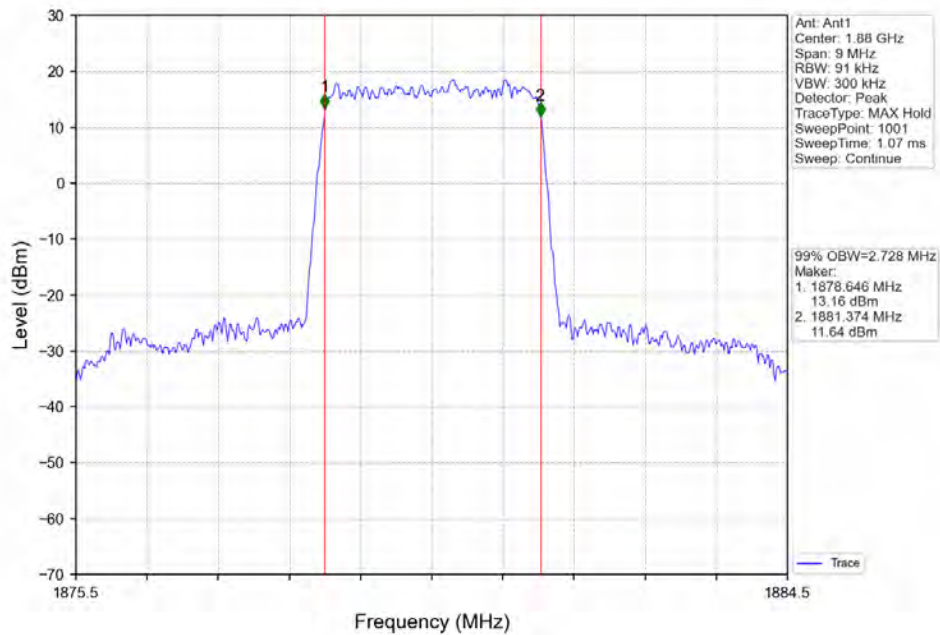
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



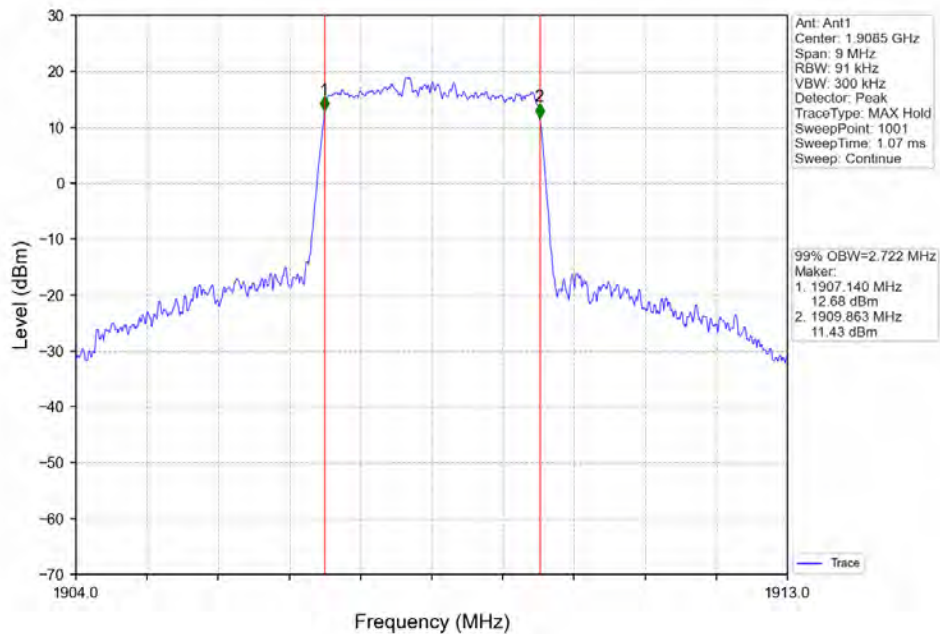
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



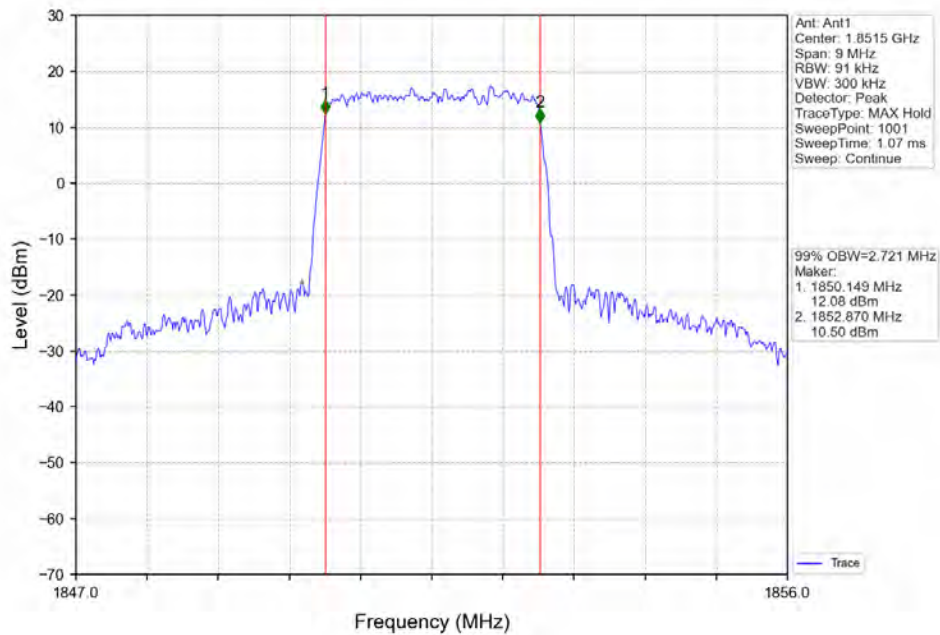
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



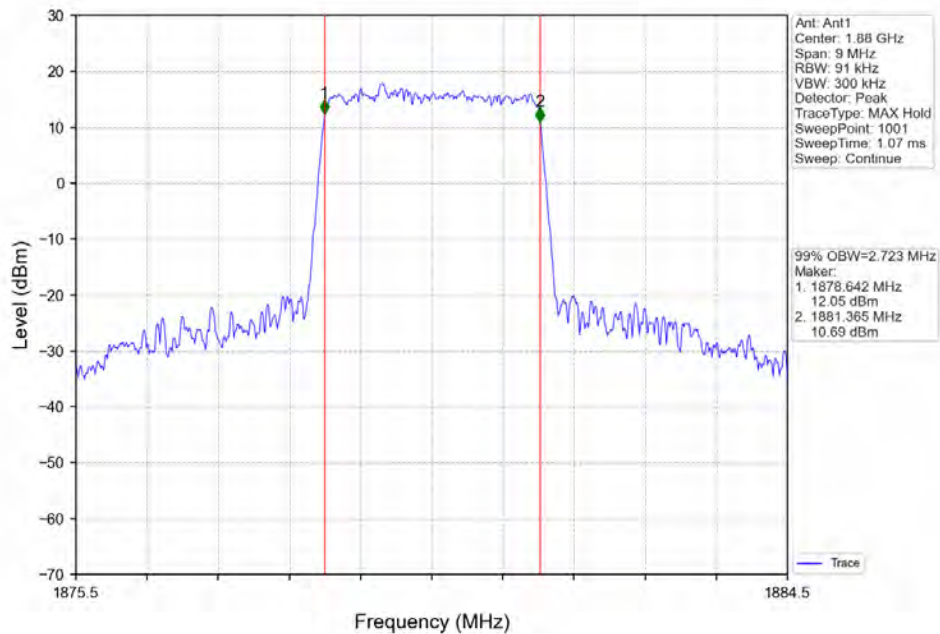
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



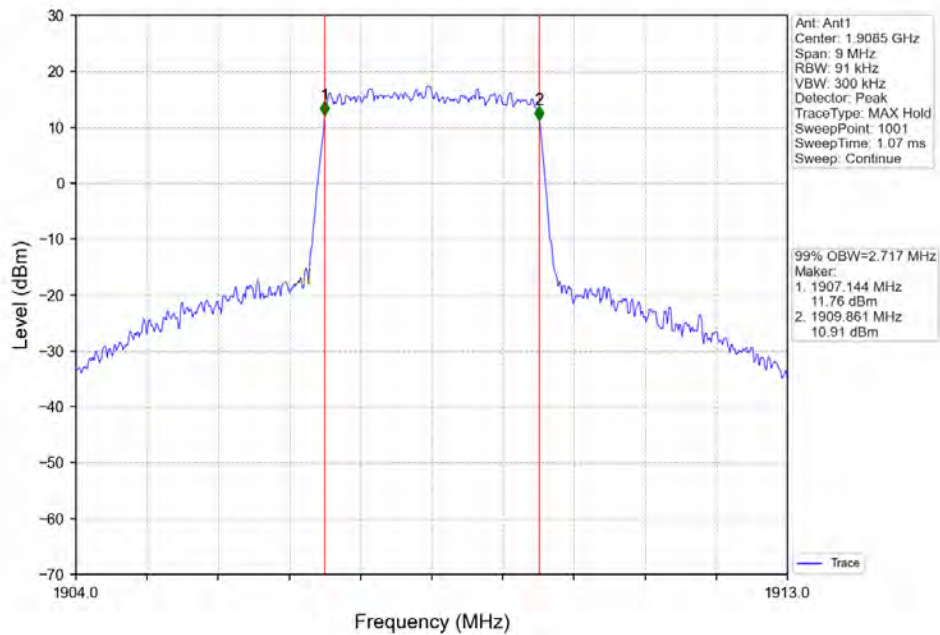
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



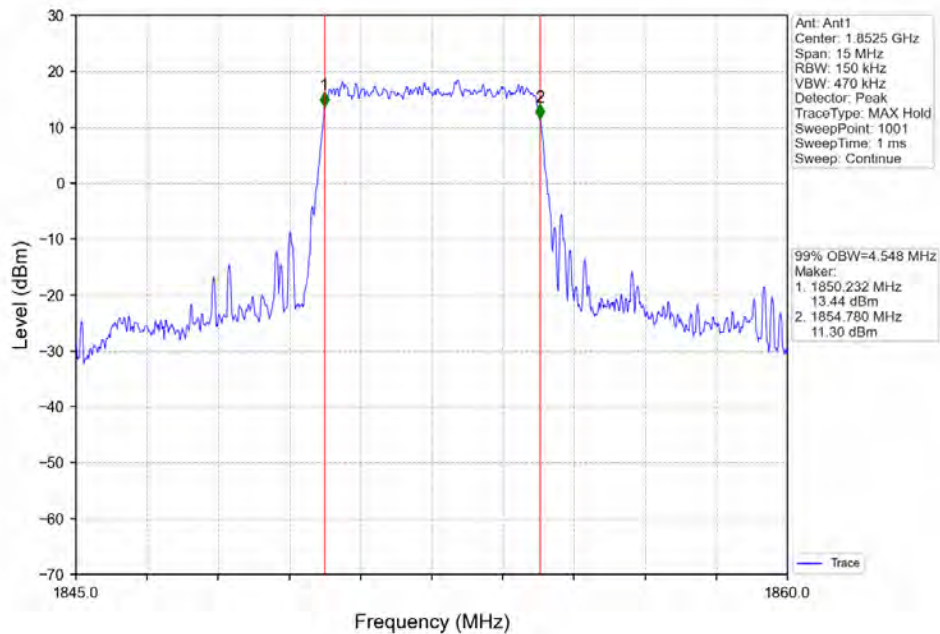
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



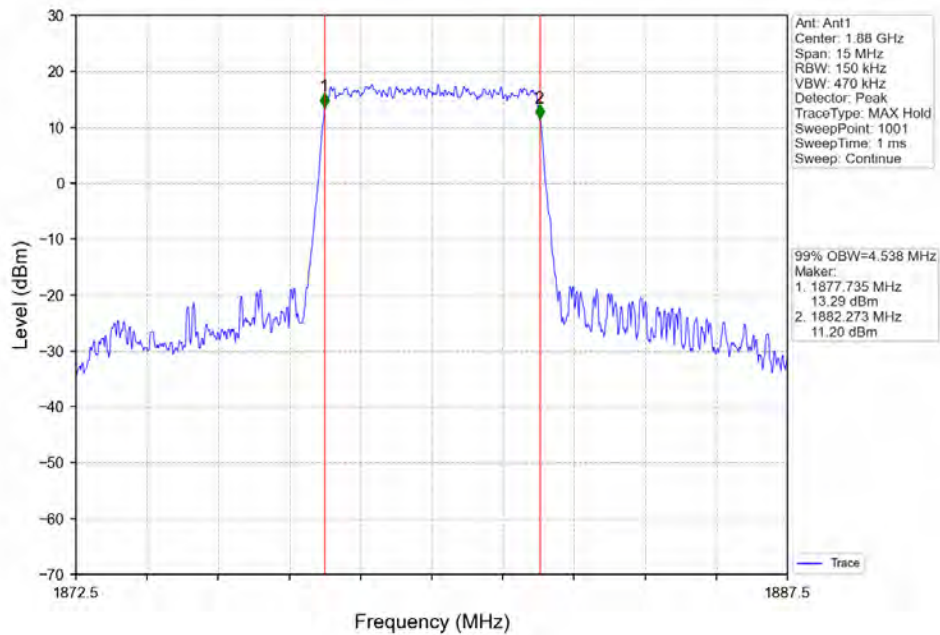
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



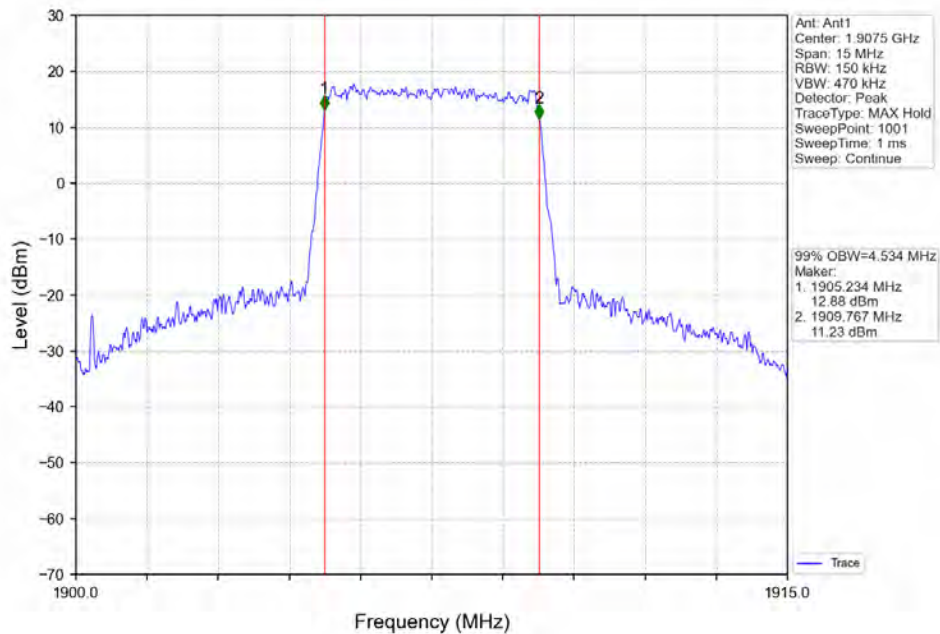
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



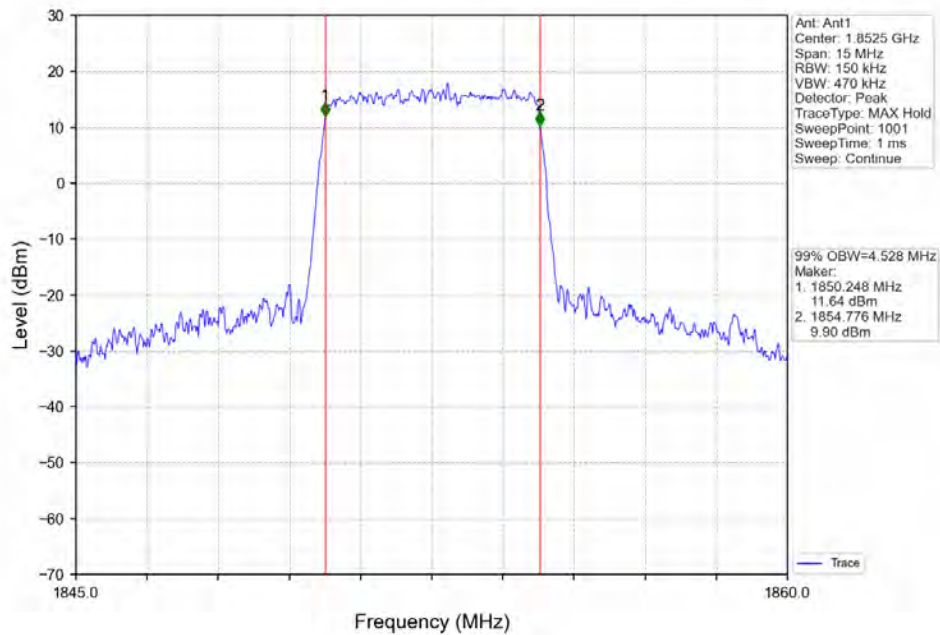
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



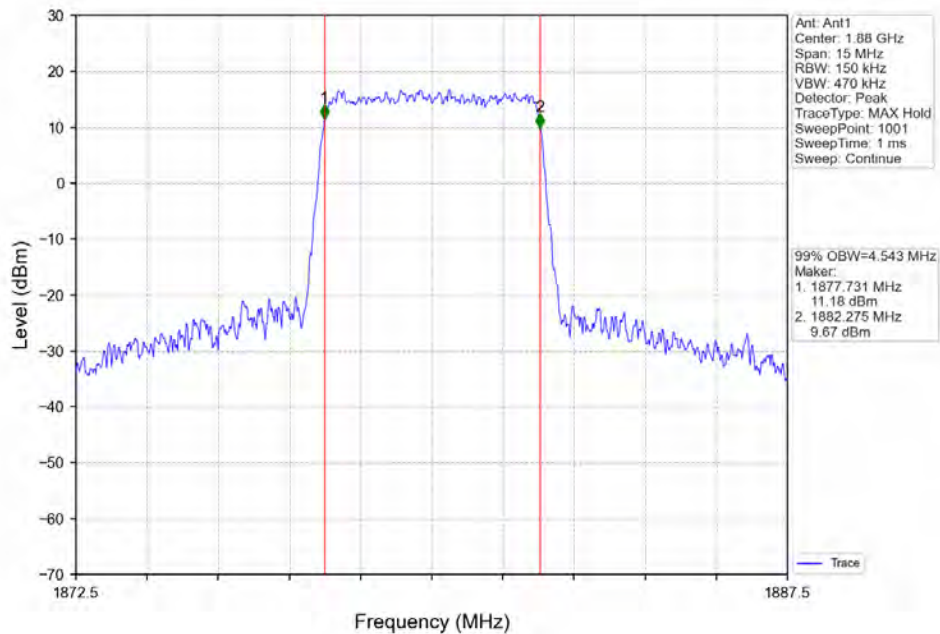
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



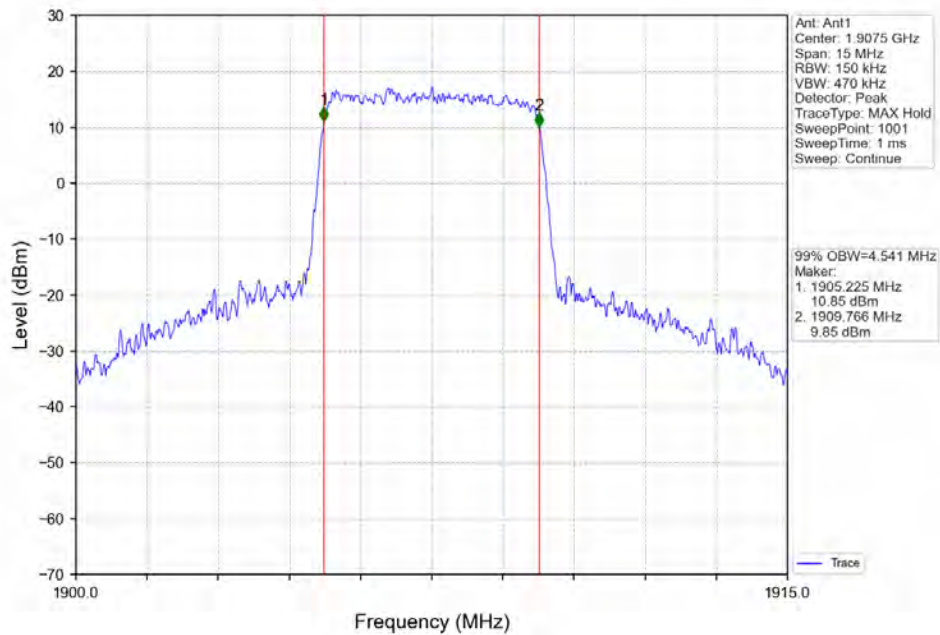
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



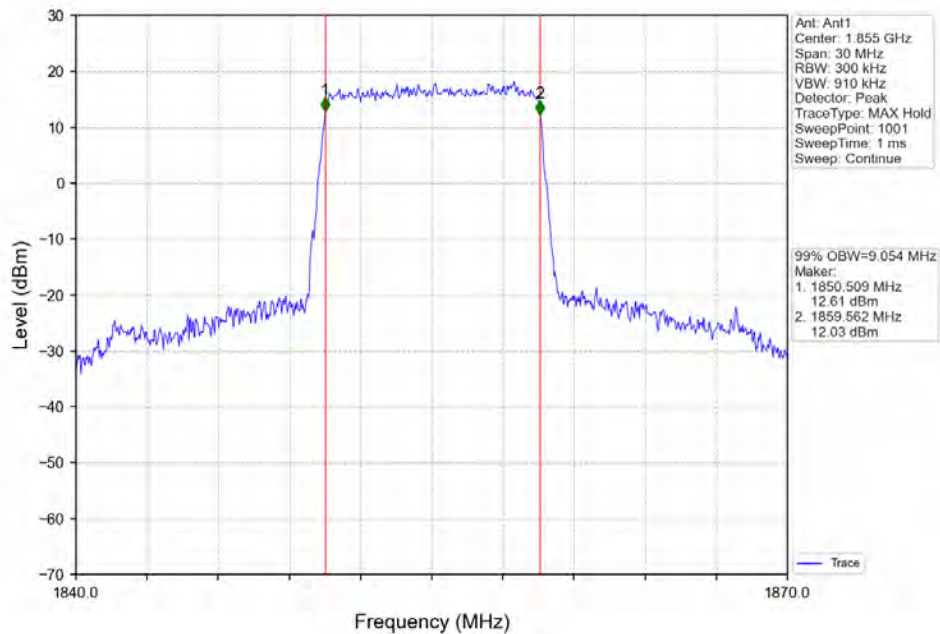
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



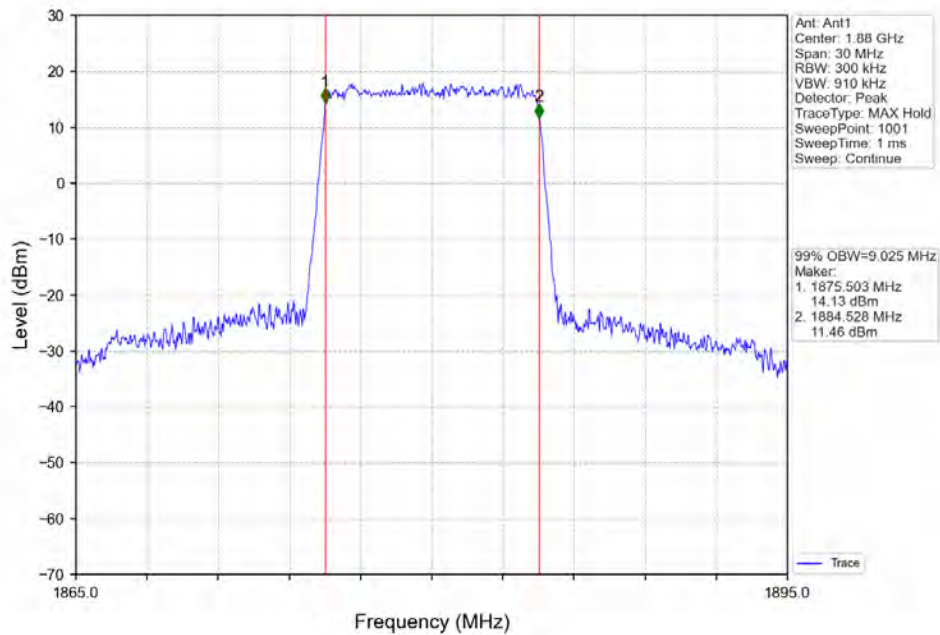
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



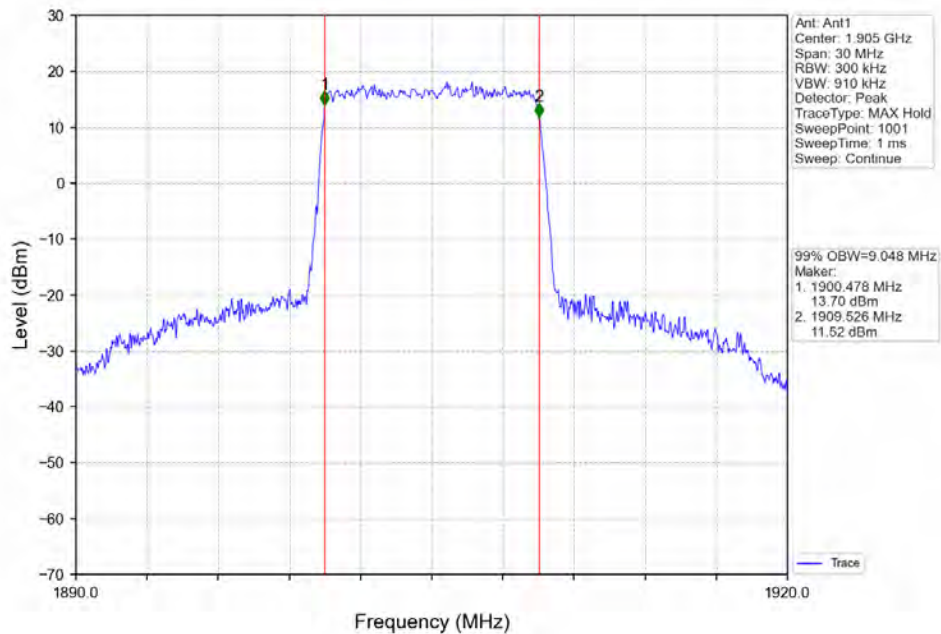
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



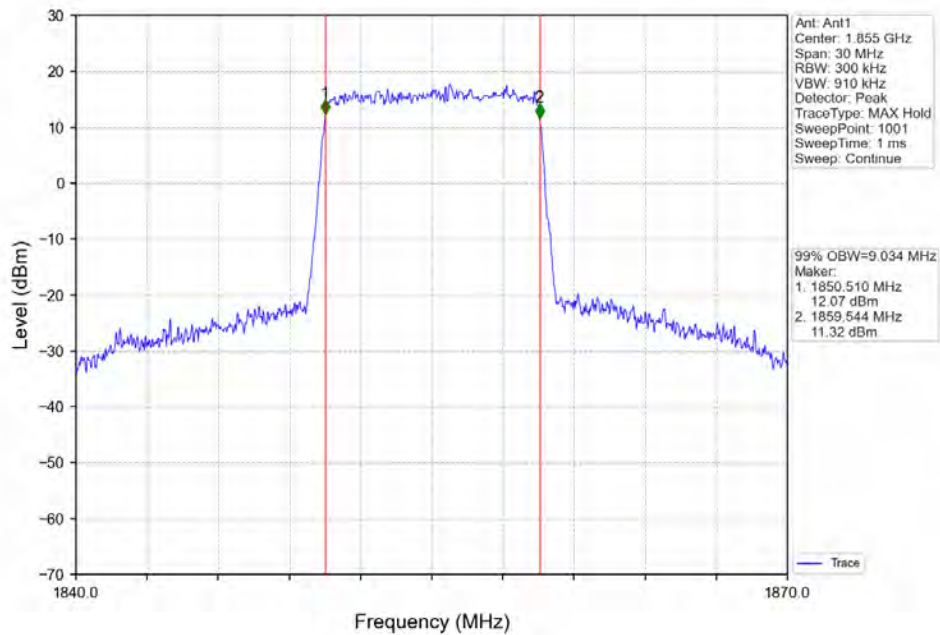
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



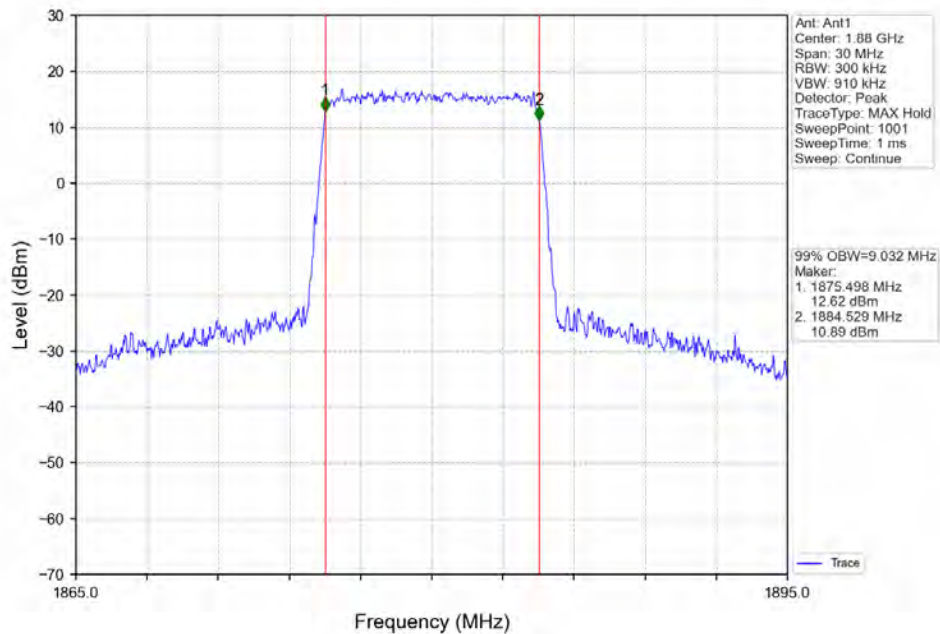
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



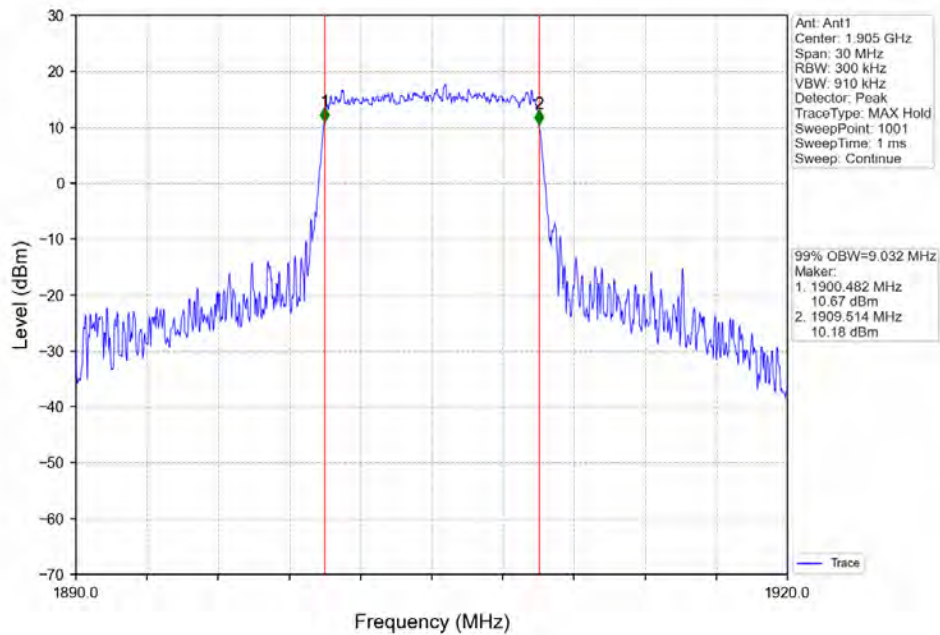
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



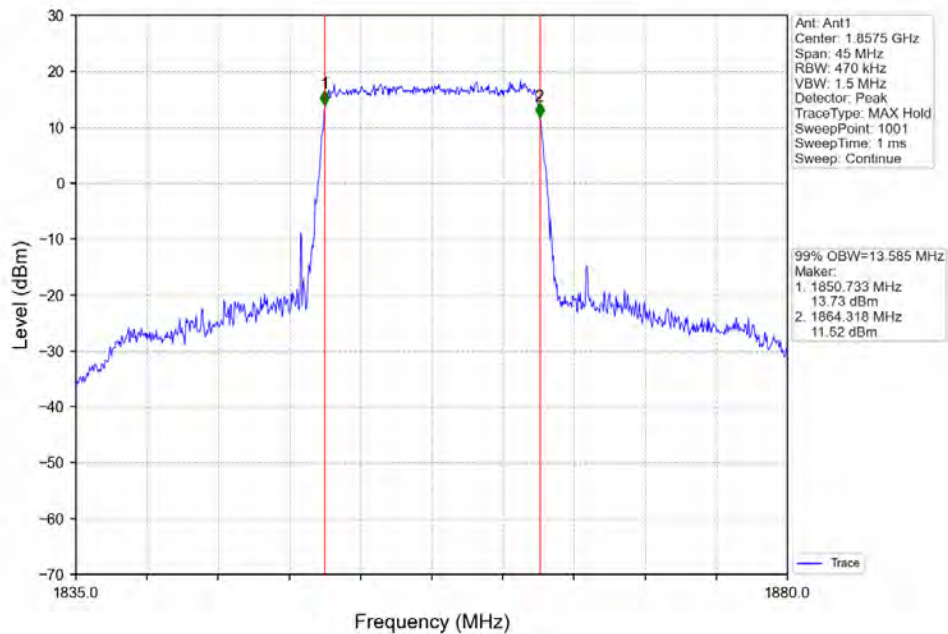
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



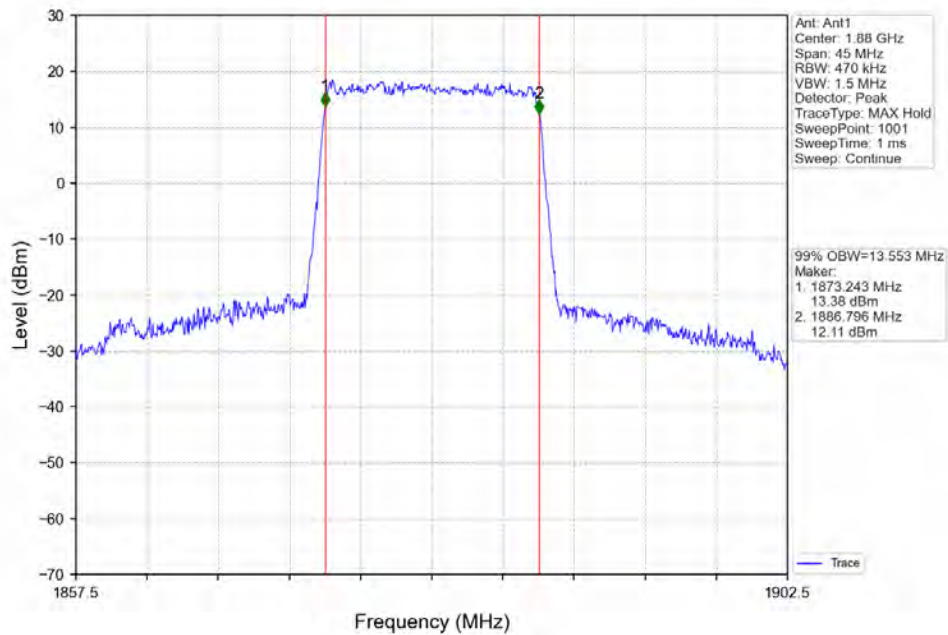
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



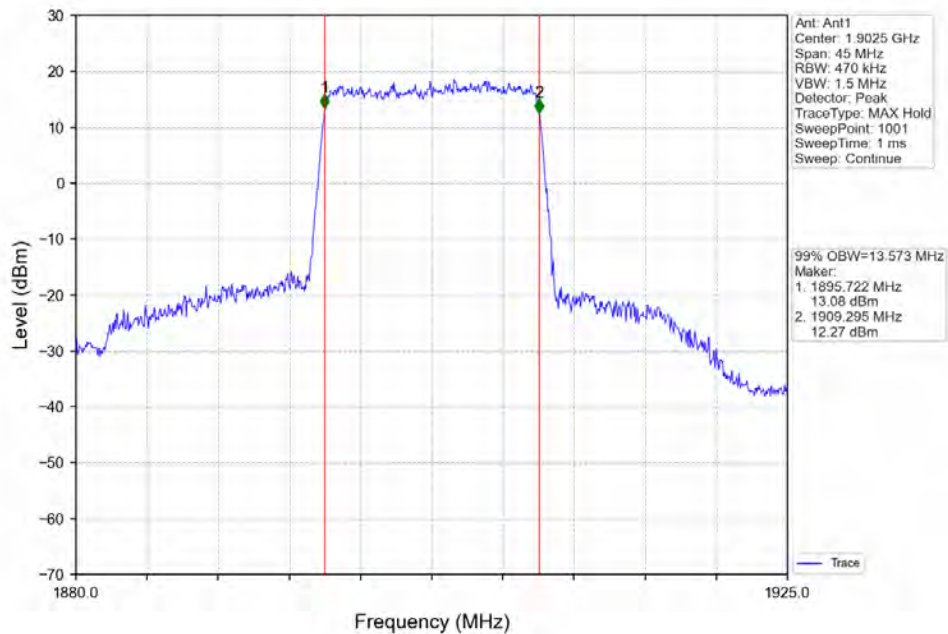
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



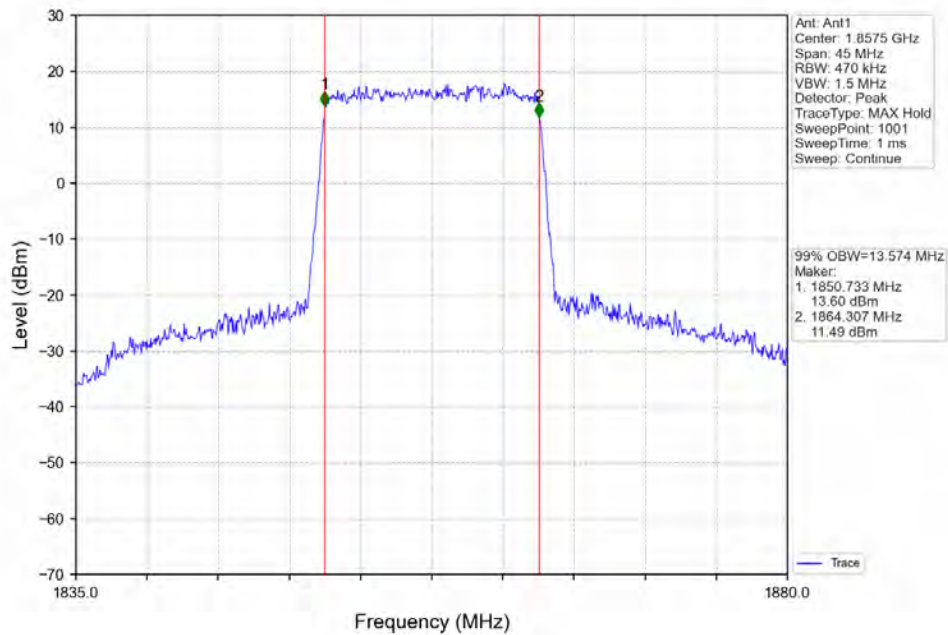
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



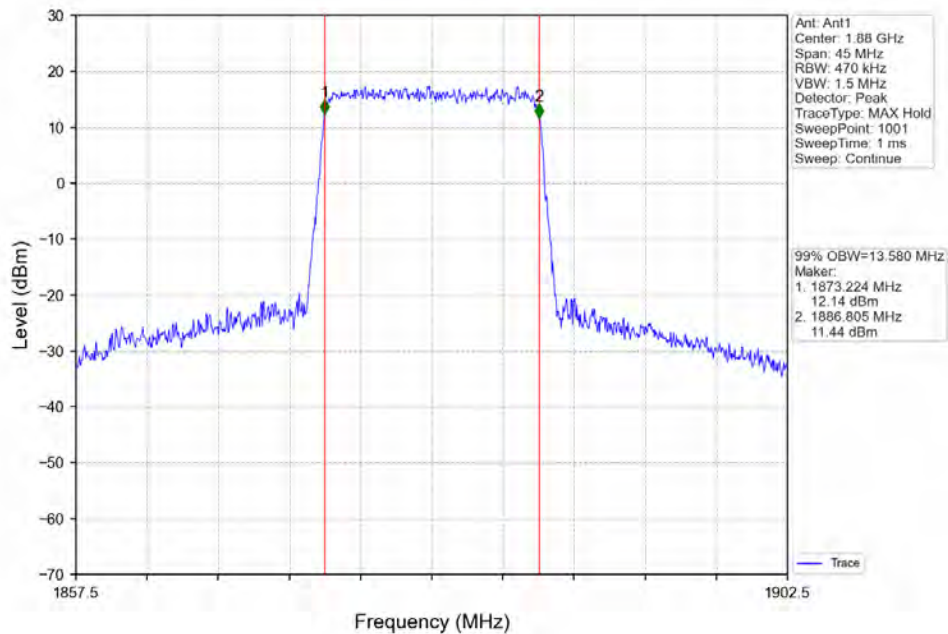
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



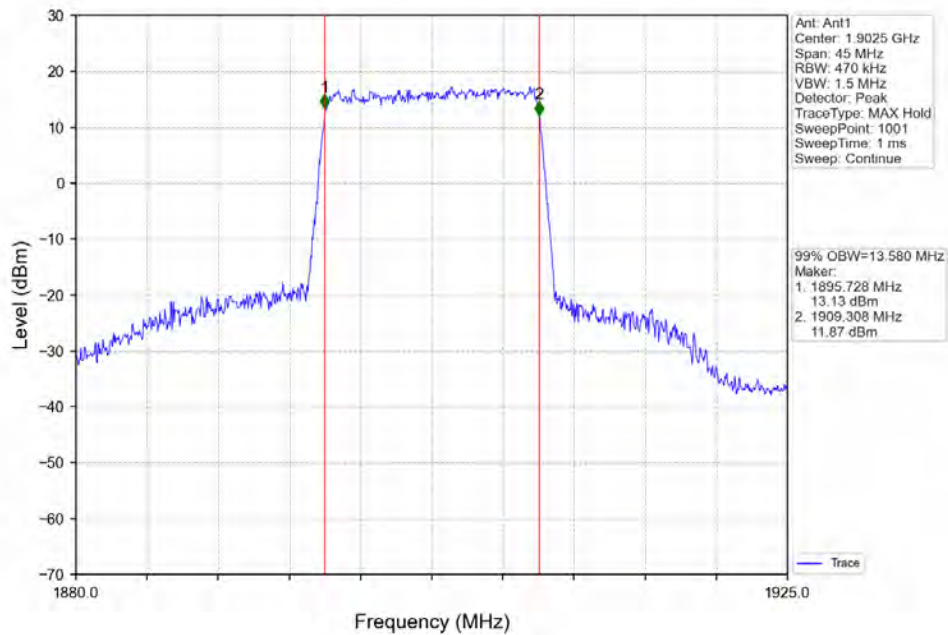
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



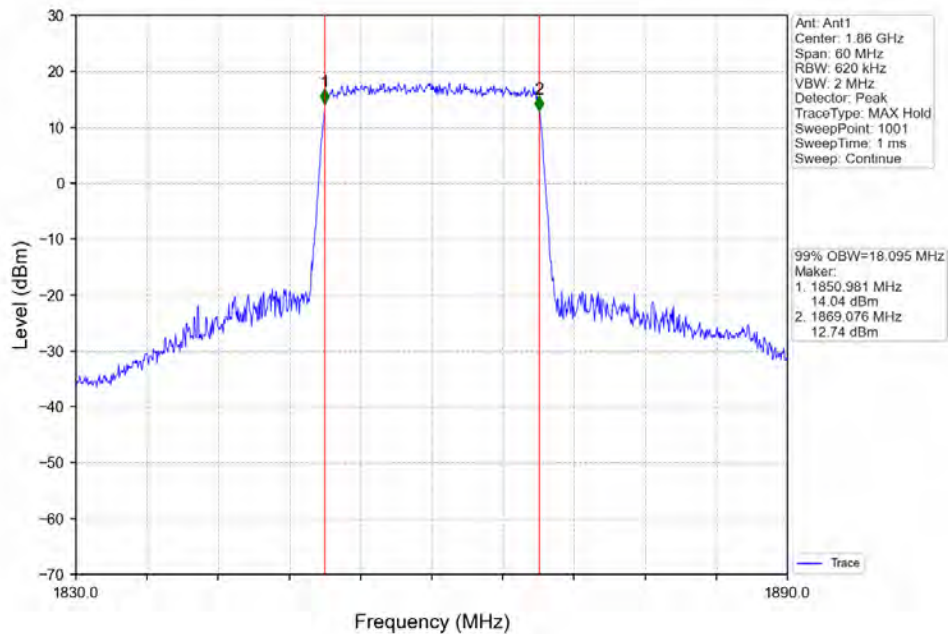
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



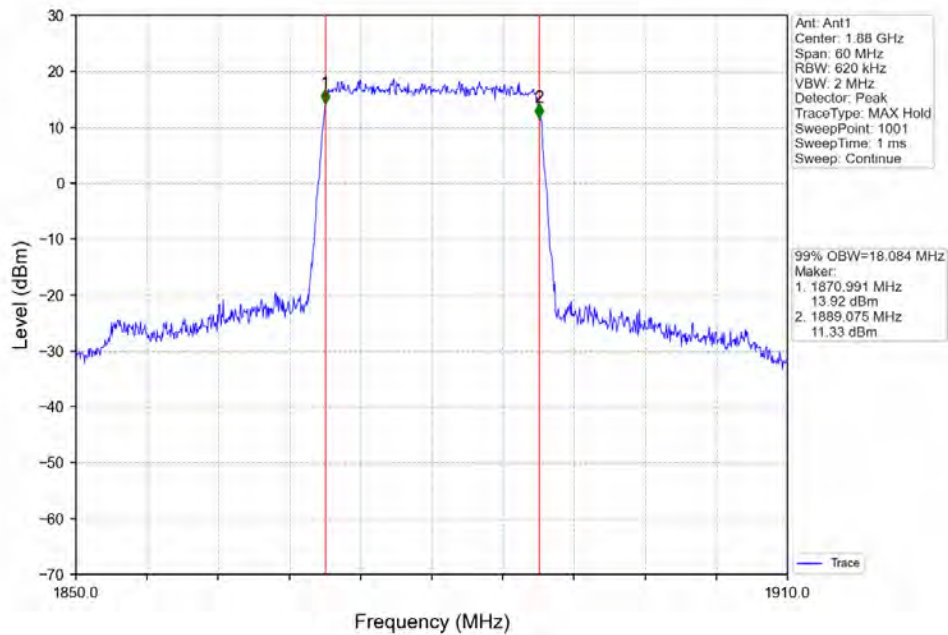
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



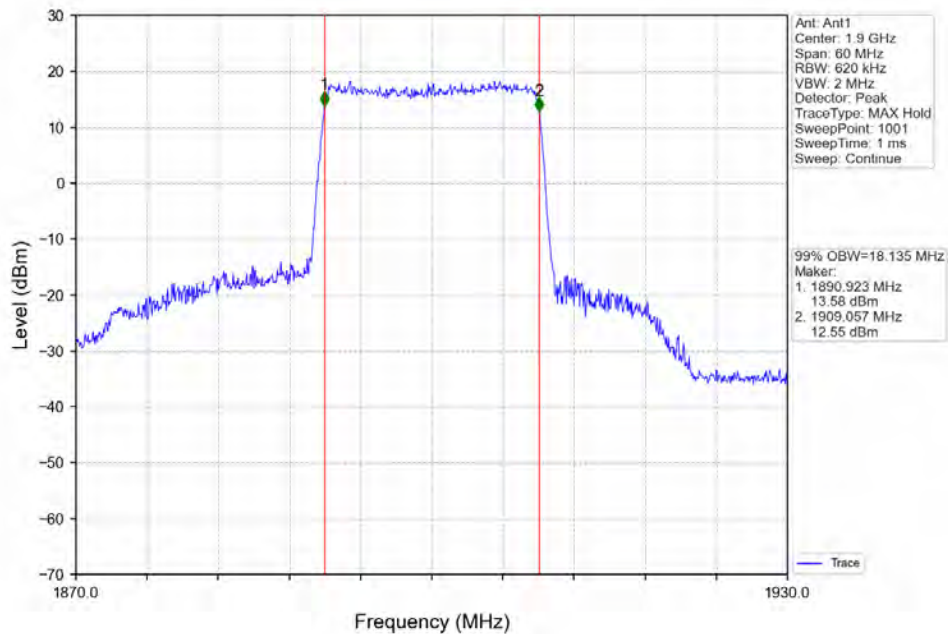
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



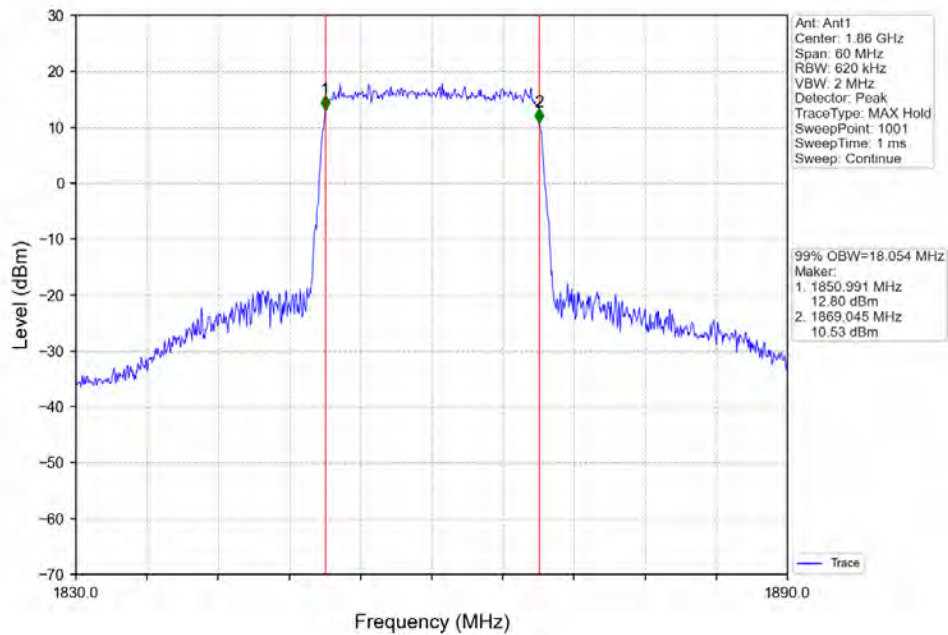
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



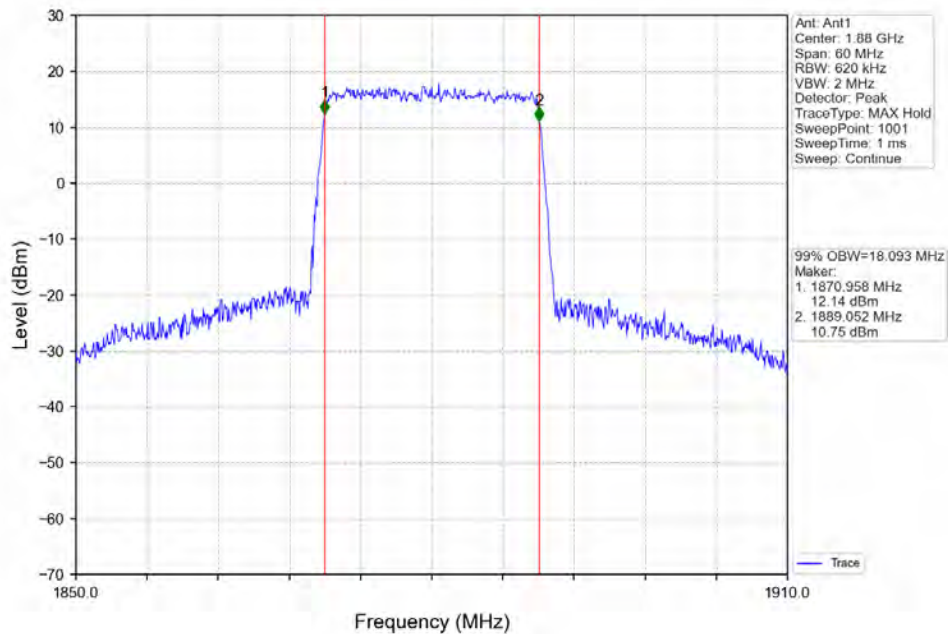
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



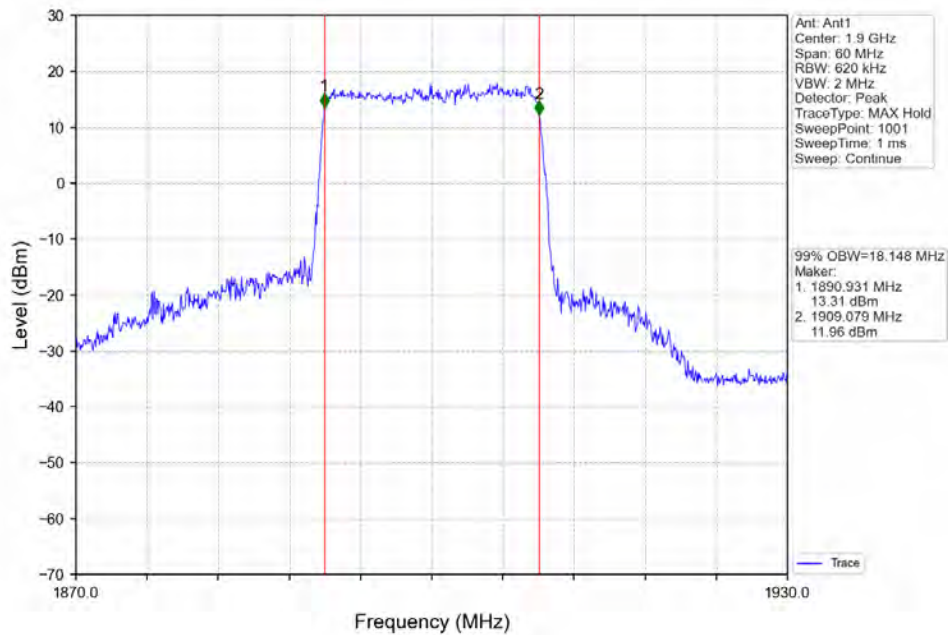
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV





2.3. WCDMA_Band2_XDB

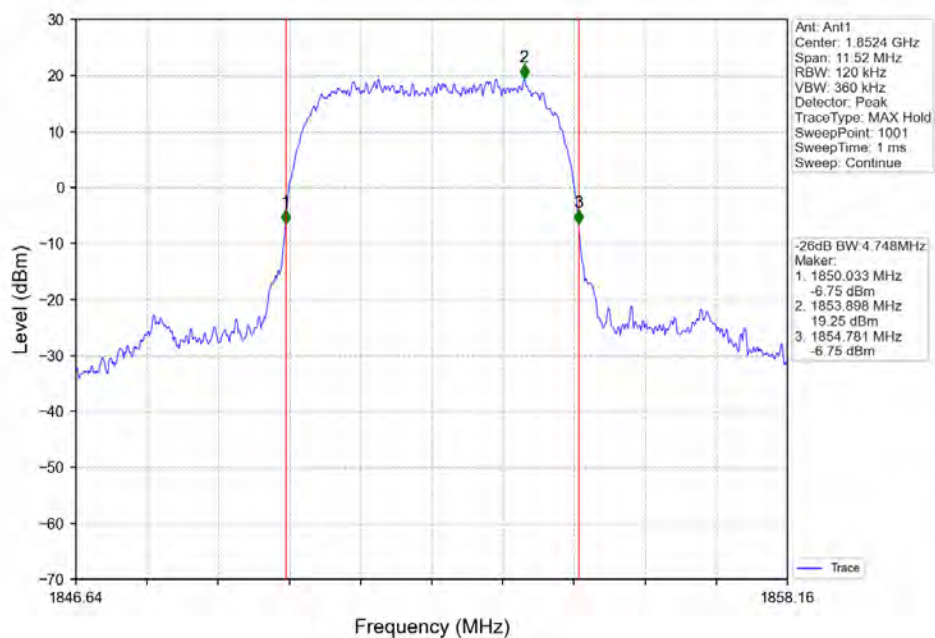
2.3.1. Test Result

WCDMA_Band: 2					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.748	Pass
			1880	4.743	Pass
			1907.6	4.753	Pass

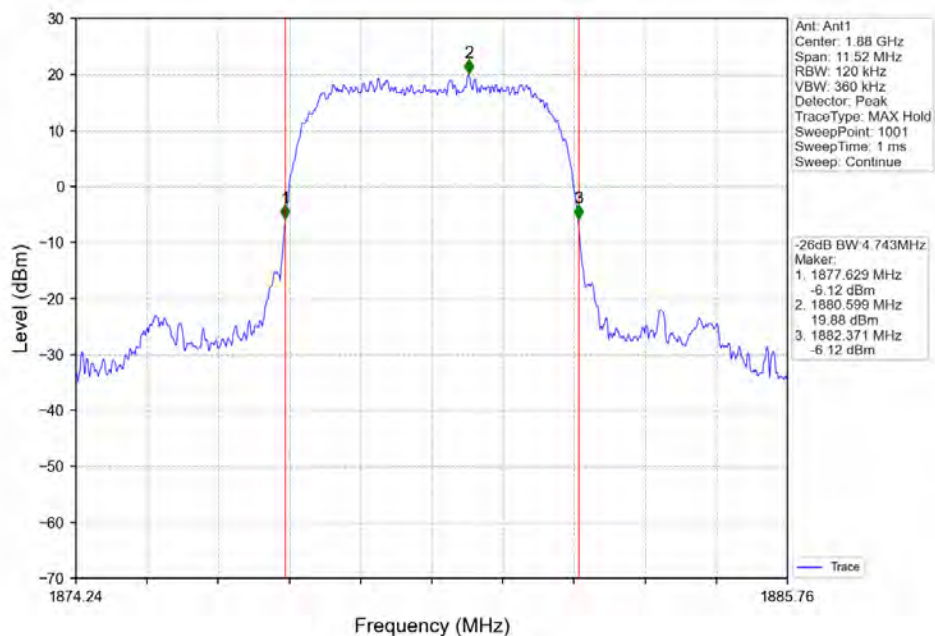


2.3.2. Test Graph

Band2_RMC_LCH_1852.4MHz_12.2kbps RMC_NTNV

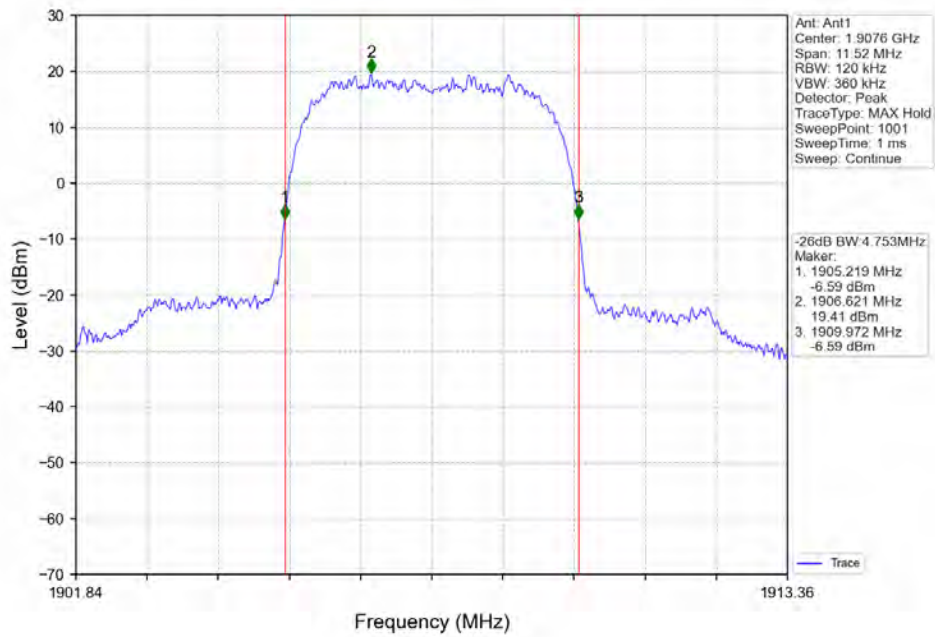


Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV





Band2 RMC HCH 1907.6MHz 12.2kbps RMC NTNV





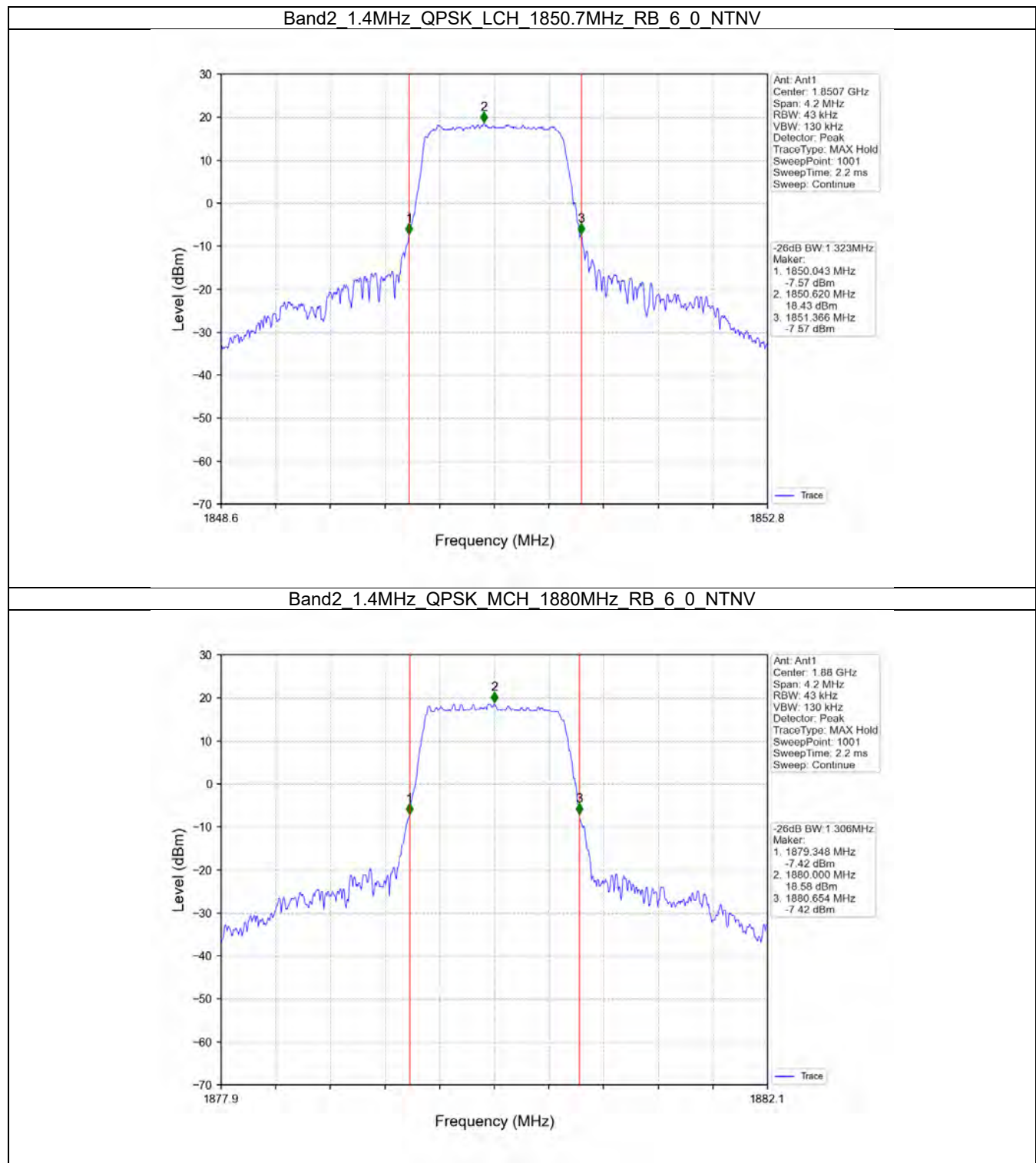
2.4. LTE_Band2_XDB

2.4.1. Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.323	Pass
		1880	6	0	1.306	Pass
		1909.3	6	0	1.319	Pass
	16QAM	1850.7	6	0	1.314	Pass
		1880	6	0	1.303	Pass
		1909.3	6	0	1.313	Pass
3	QPSK	1851.5	15	0	3.006	Pass
		1880	15	0	2.990	Pass
		1908.5	15	0	2.983	Pass
	16QAM	1851.5	15	0	2.996	Pass
		1880	15	0	2.982	Pass
		1908.5	15	0	2.987	Pass
5	QPSK	1852.5	25	0	5.308	Pass
		1880	25	0	5.004	Pass
		1907.5	25	0	5.030	Pass
	16QAM	1852.5	25	0	4.991	Pass
		1880	25	0	5.027	Pass
		1907.5	25	0	5.025	Pass
10	QPSK	1855	50	0	9.924	Pass
		1880	50	0	9.912	Pass
		1905	50	0	9.898	Pass
	16QAM	1855	50	0	9.873	Pass
		1880	50	0	9.887	Pass
		1905	50	0	10.369	Pass
15	QPSK	1857.5	75	0	14.955	Pass
		1880	75	0	14.879	Pass
		1902.5	75	0	14.895	Pass
	16QAM	1857.5	75	0	14.779	Pass
		1880	75	0	14.932	Pass
		1902.5	75	0	14.964	Pass
20	QPSK	1860	100	0	19.648	Pass
		1880	100	0	19.673	Pass
		1900	100	0	19.720	Pass
	16QAM	1860	100	0	19.754	Pass
		1880	100	0	19.805	Pass
		1900	100	0	19.695	Pass

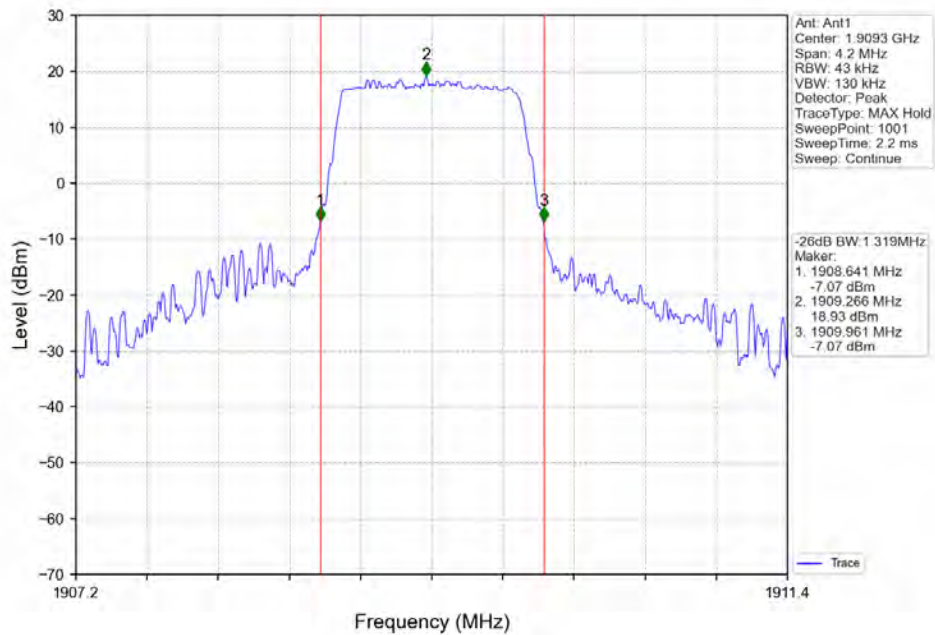


2.4.2. Test Graph

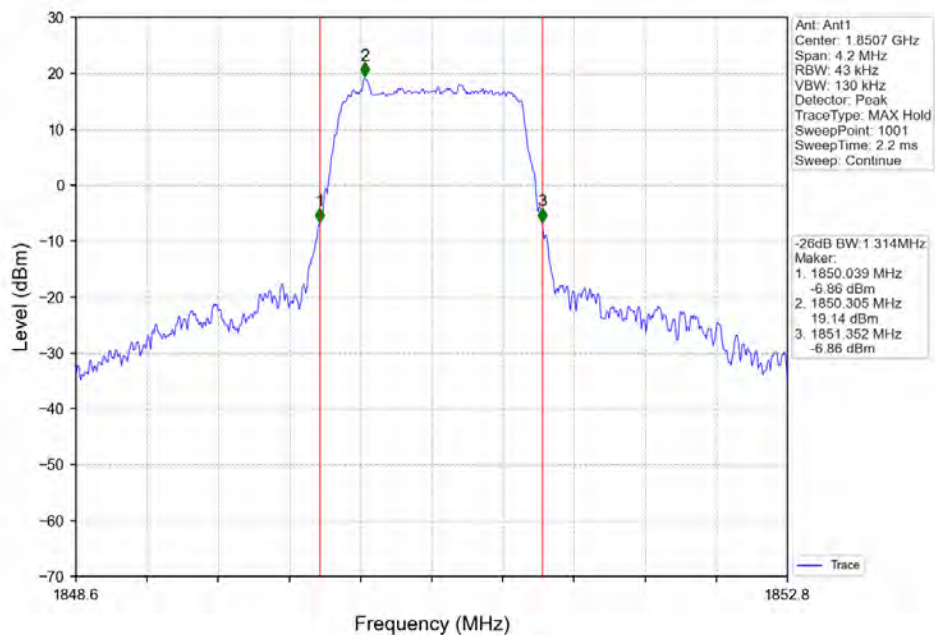




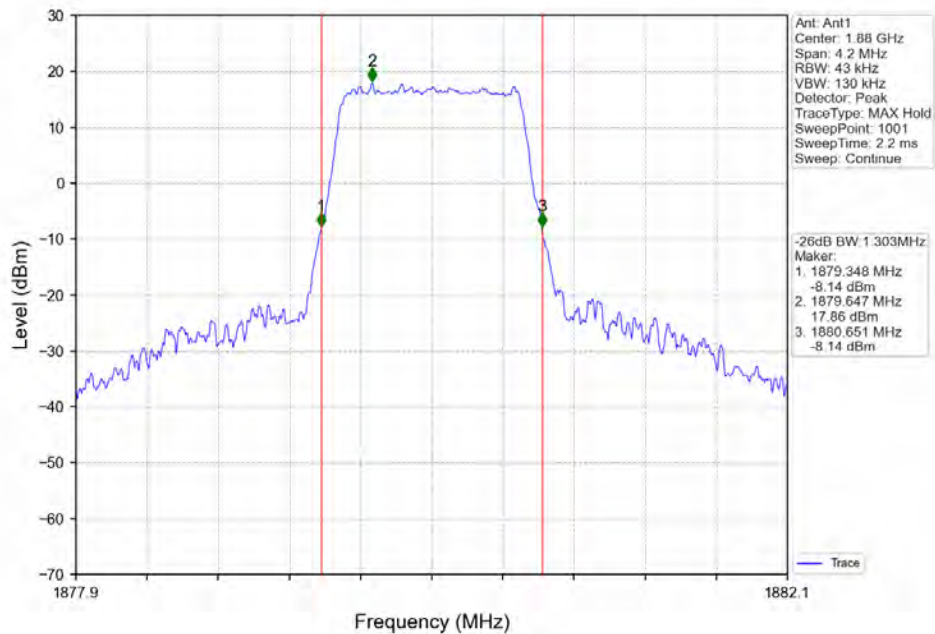
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



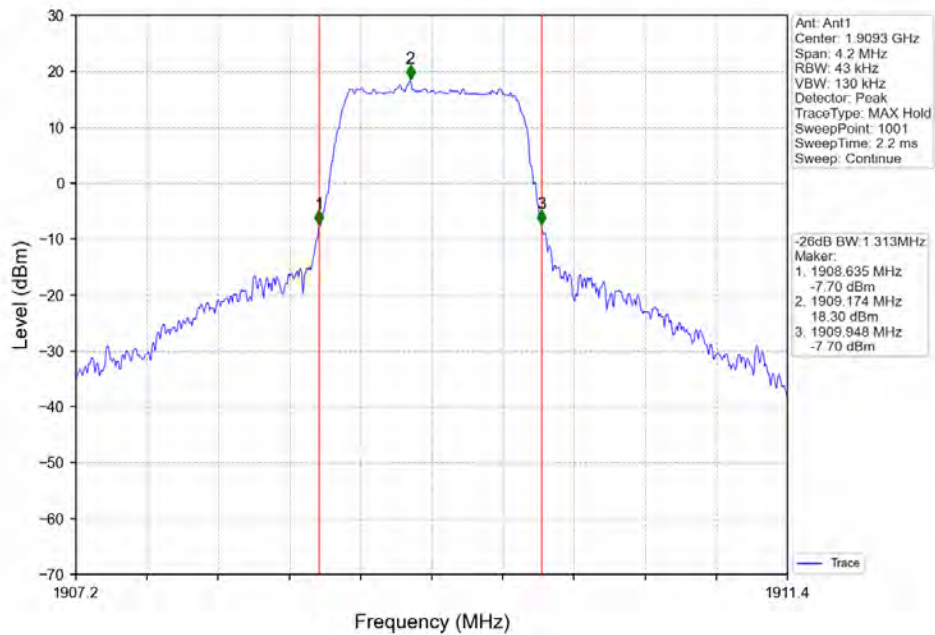
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



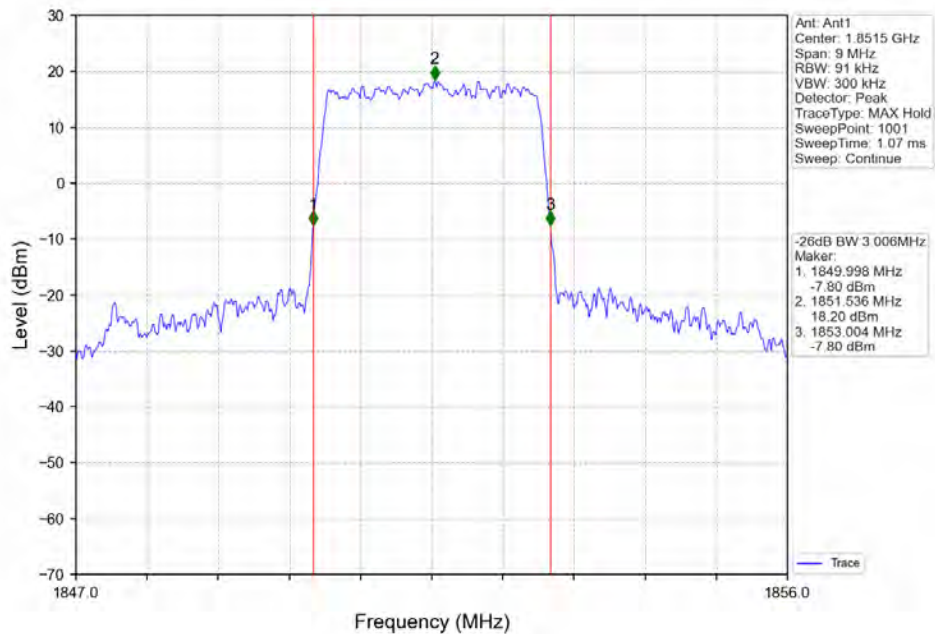
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



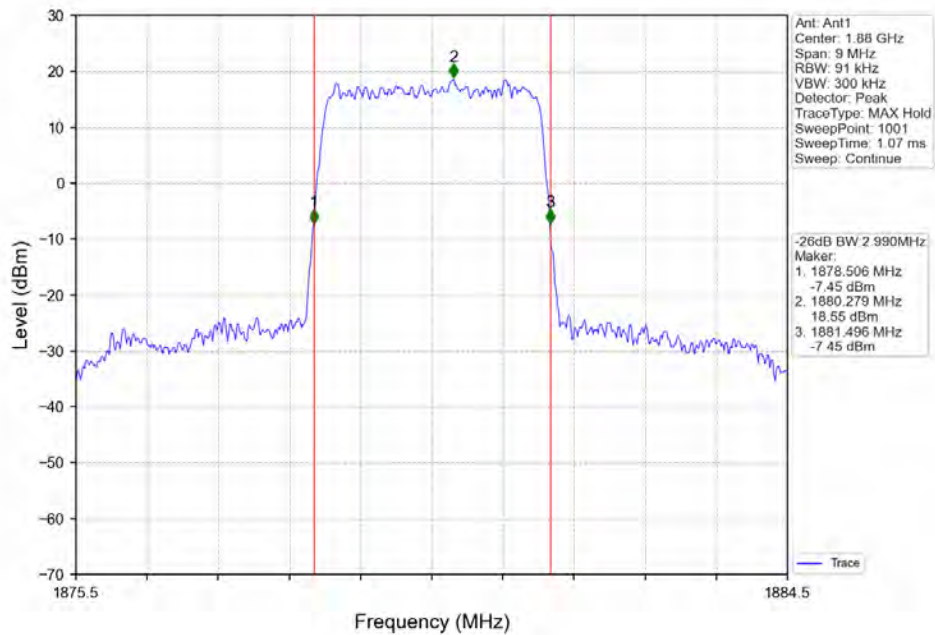
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



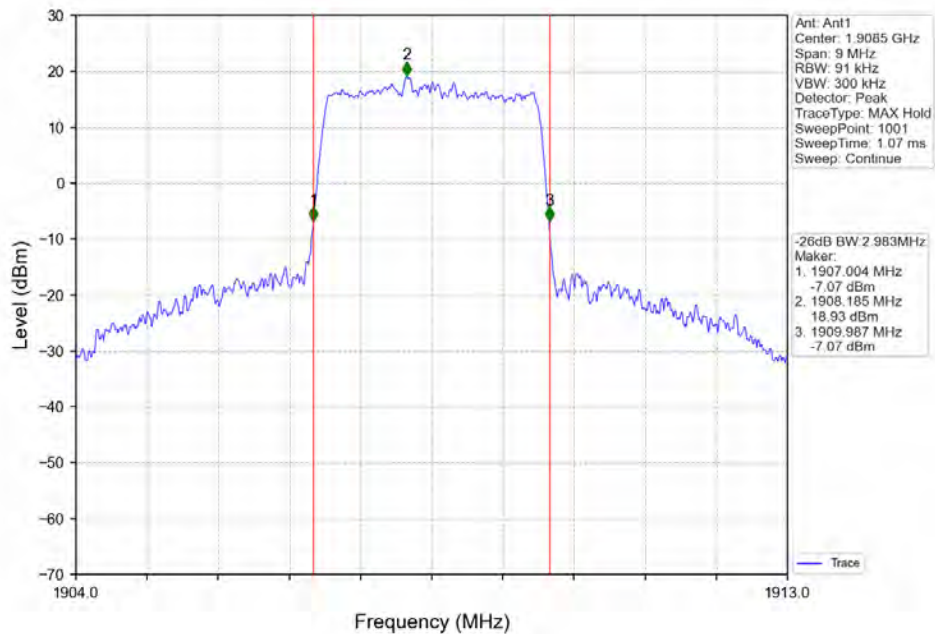
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV



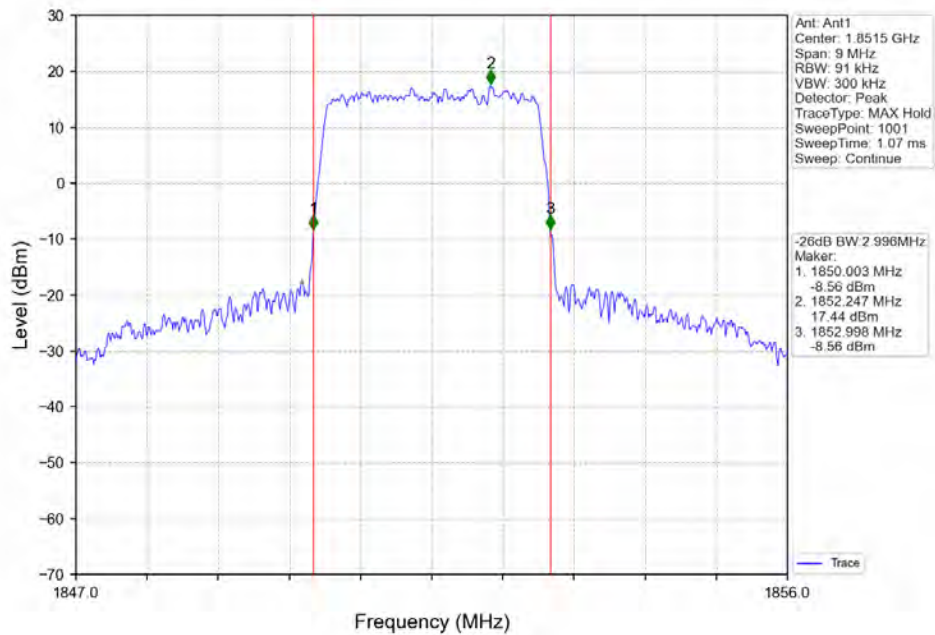
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



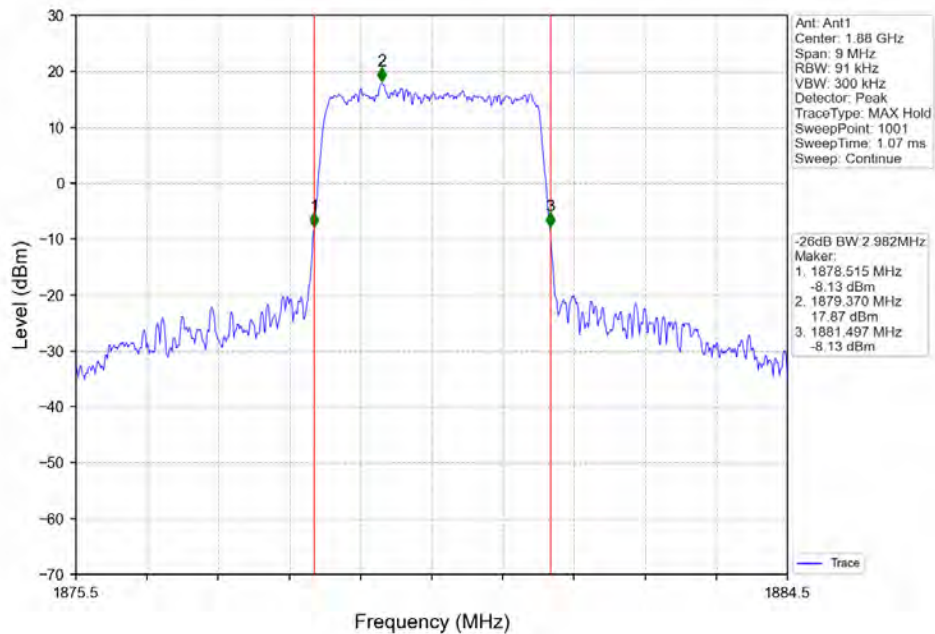
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



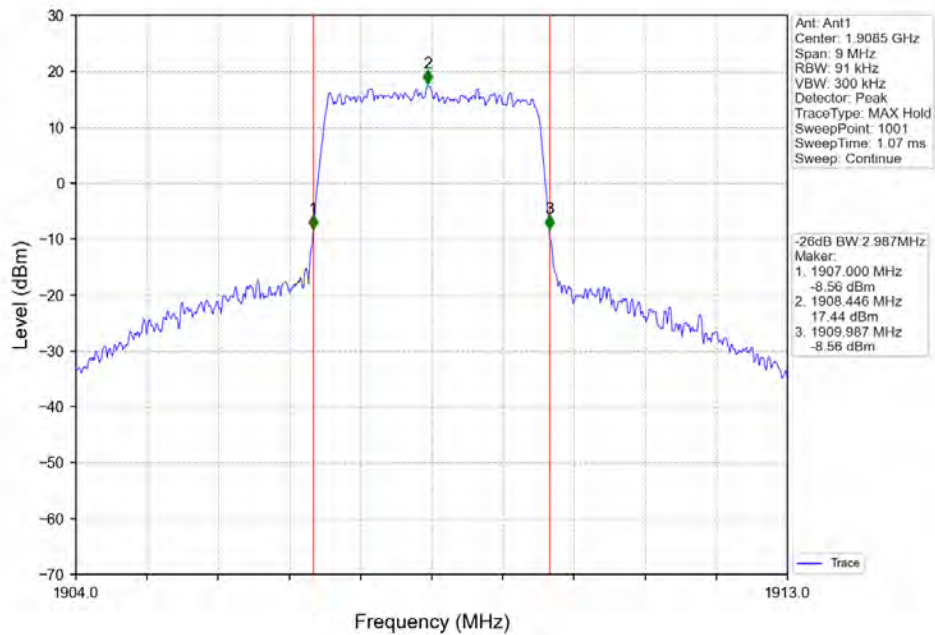
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



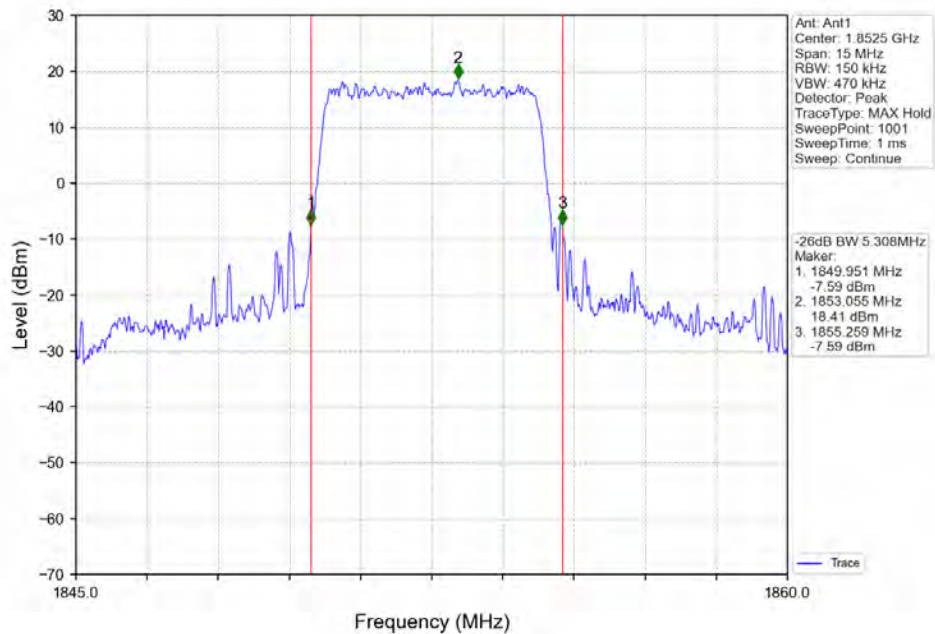
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



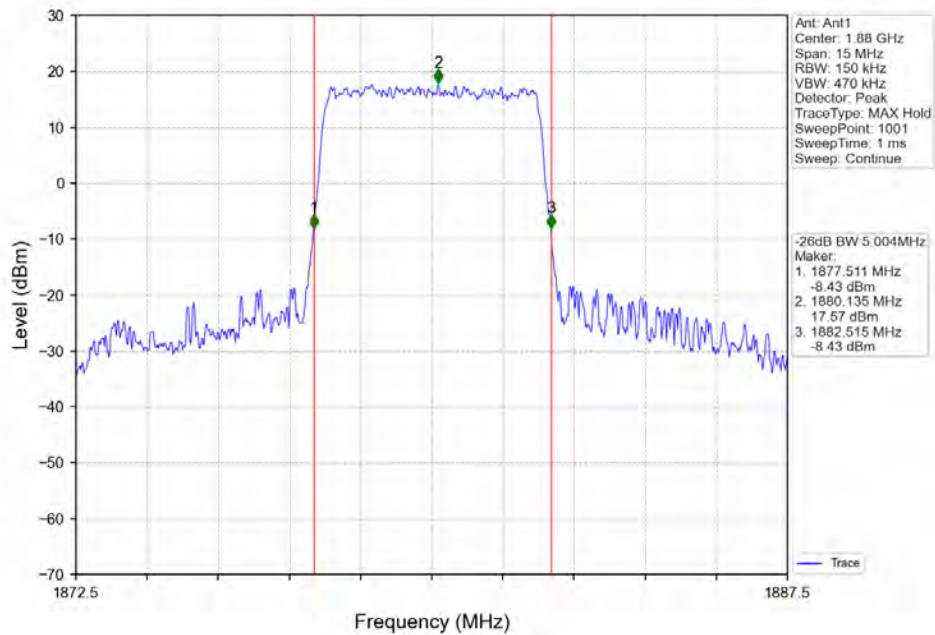
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



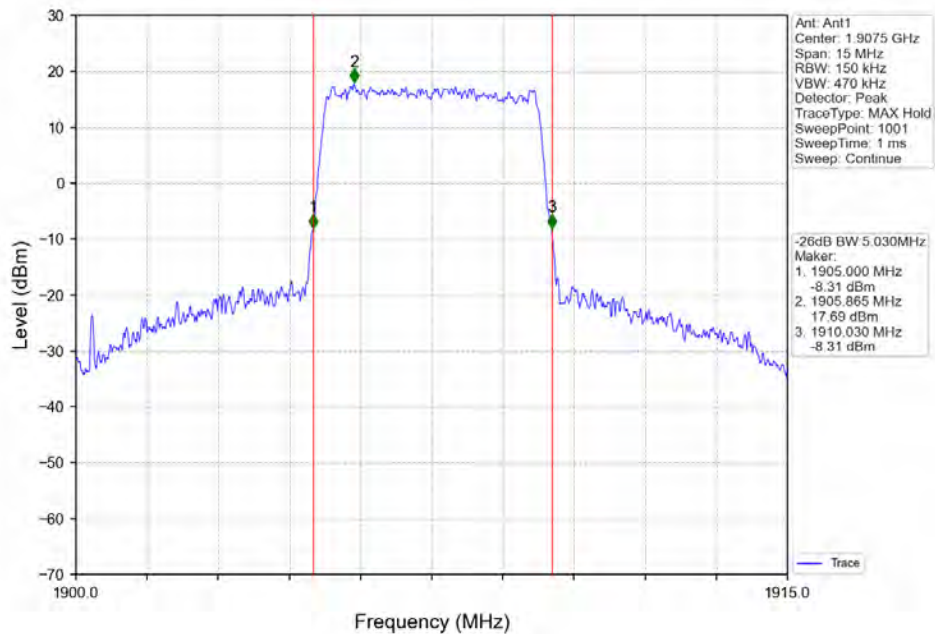
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



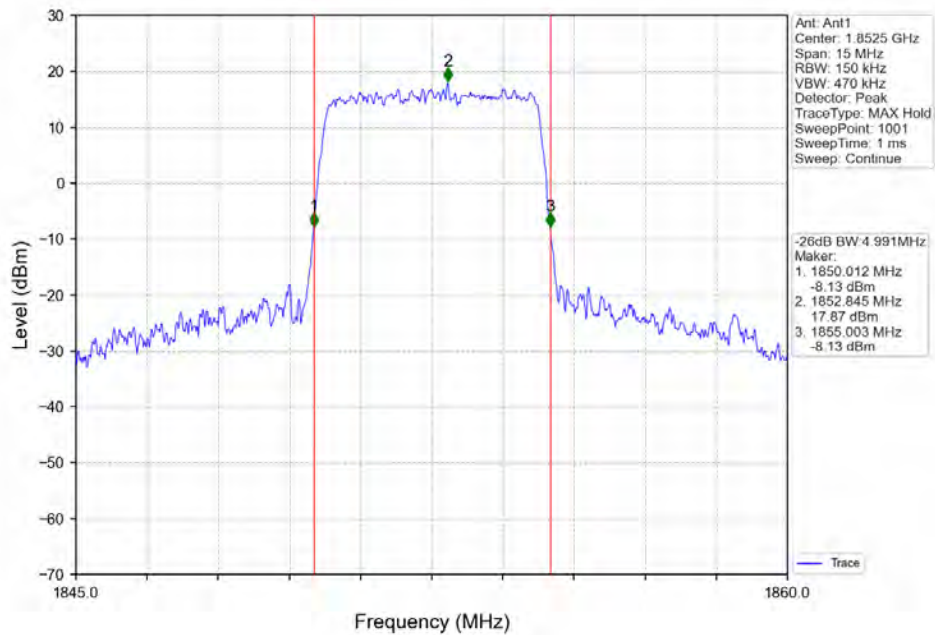
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



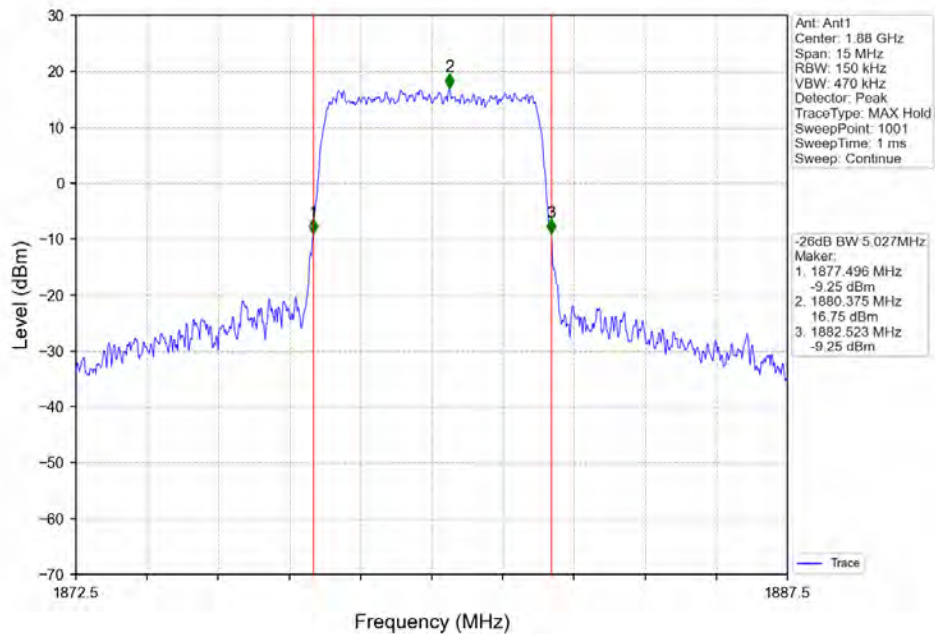
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



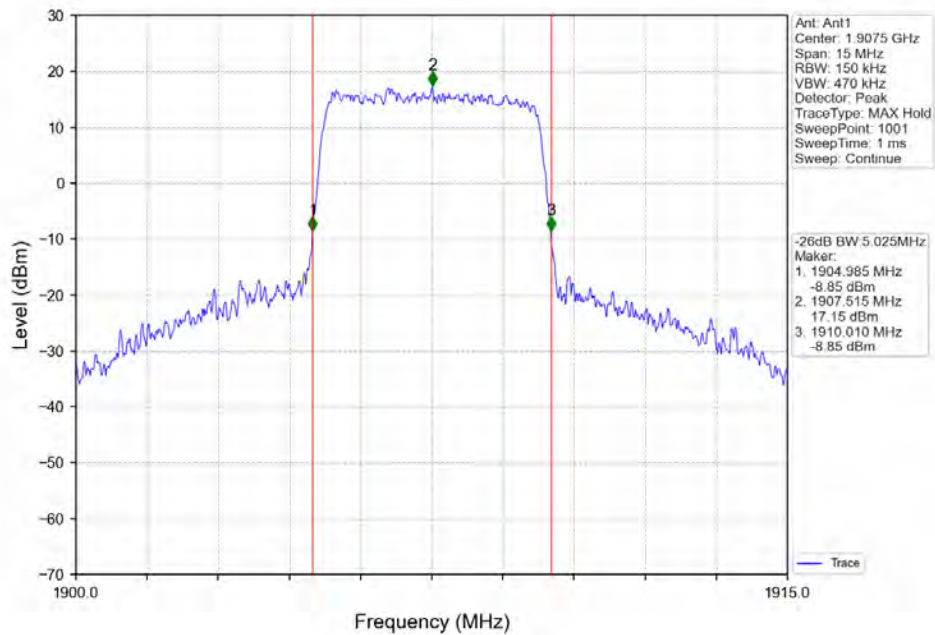
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



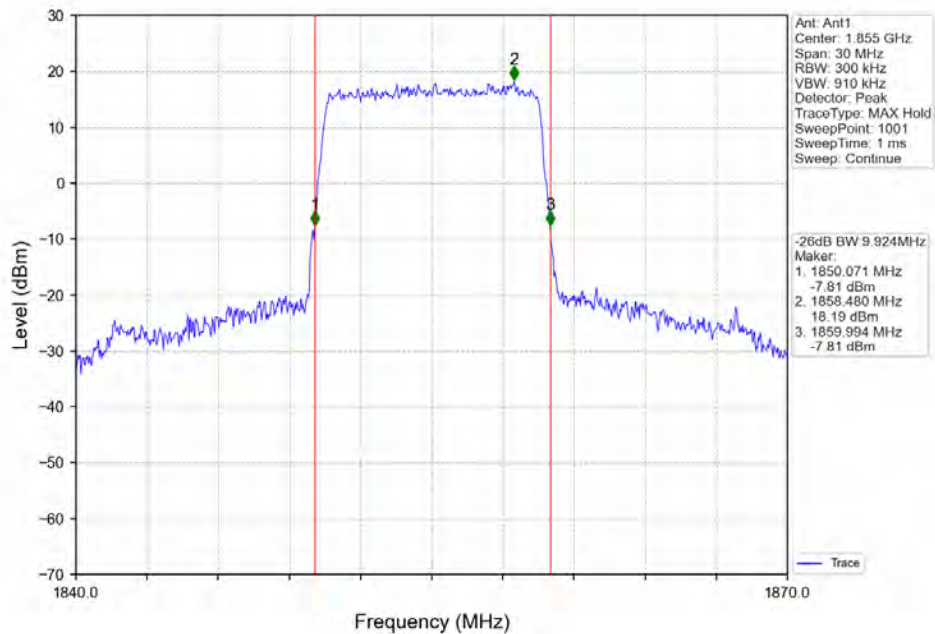
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



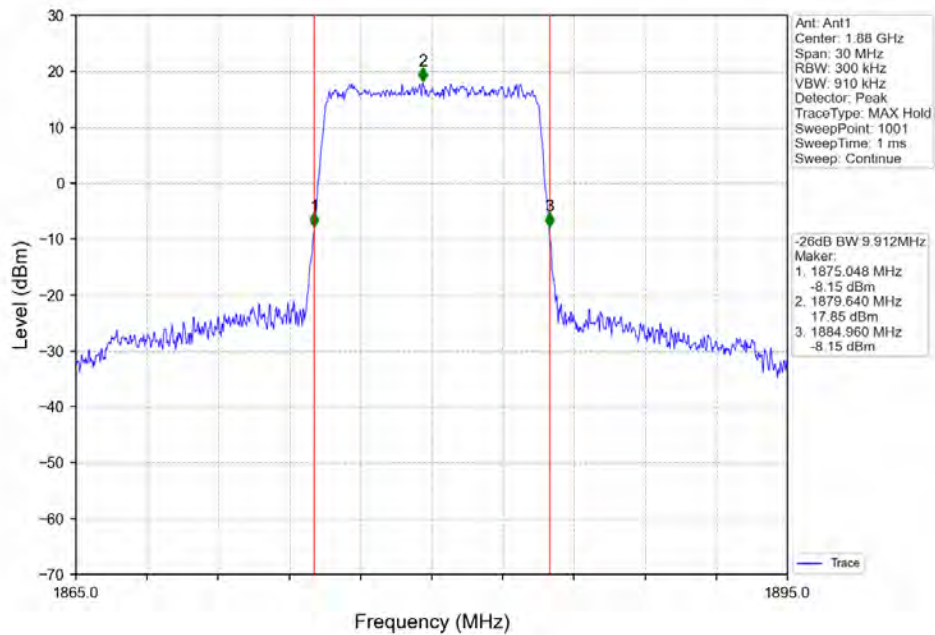
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



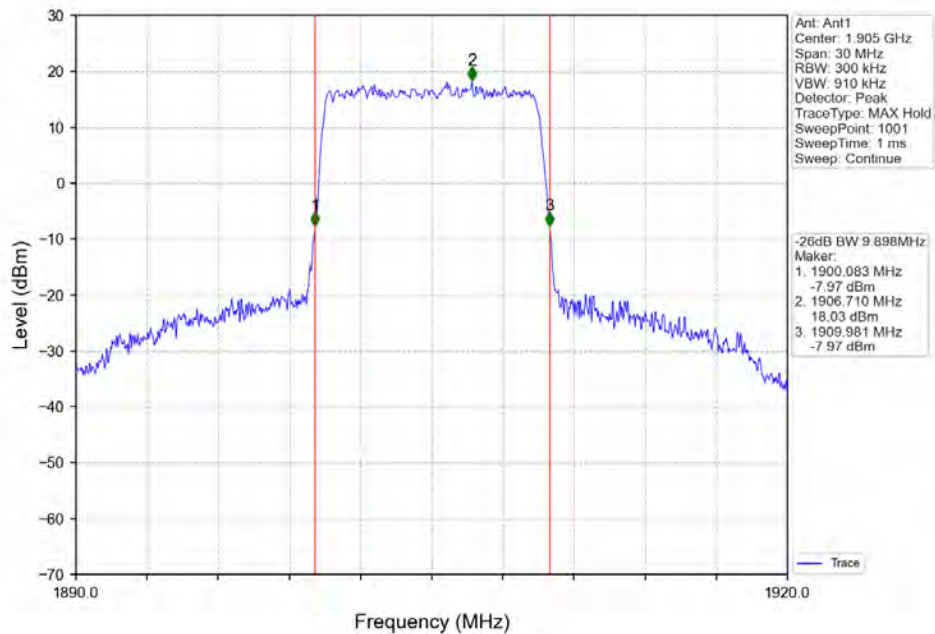
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



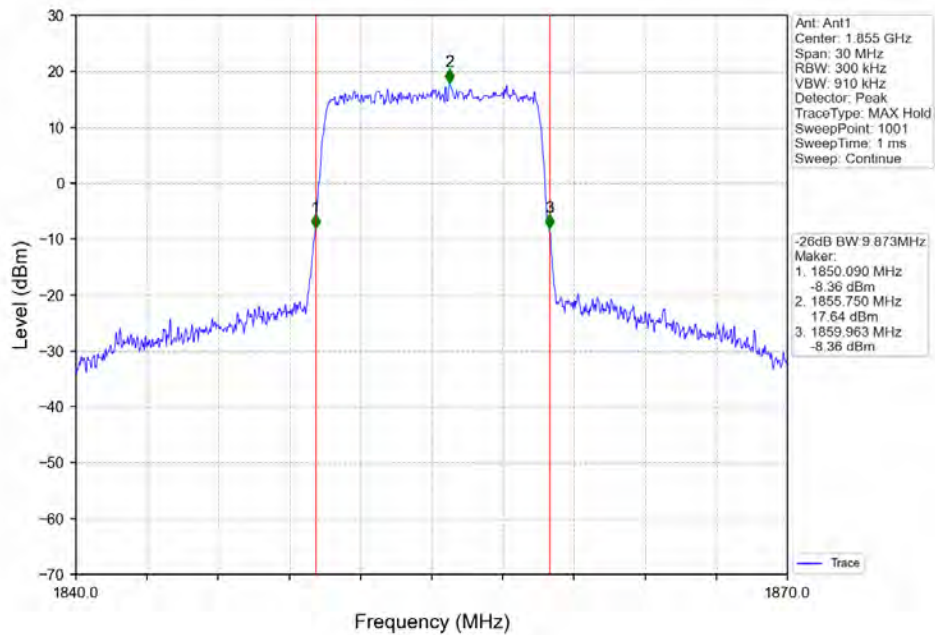
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



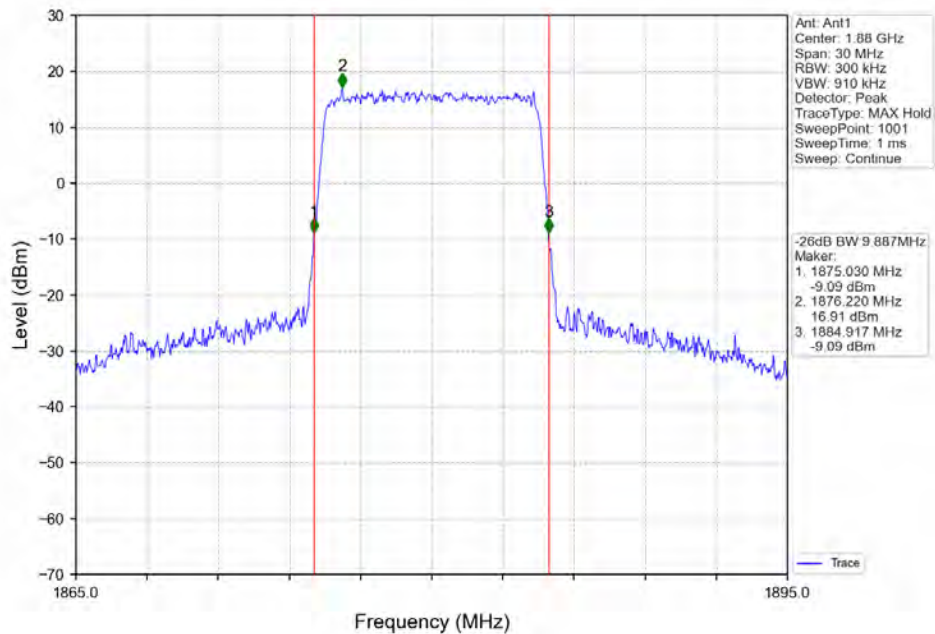
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



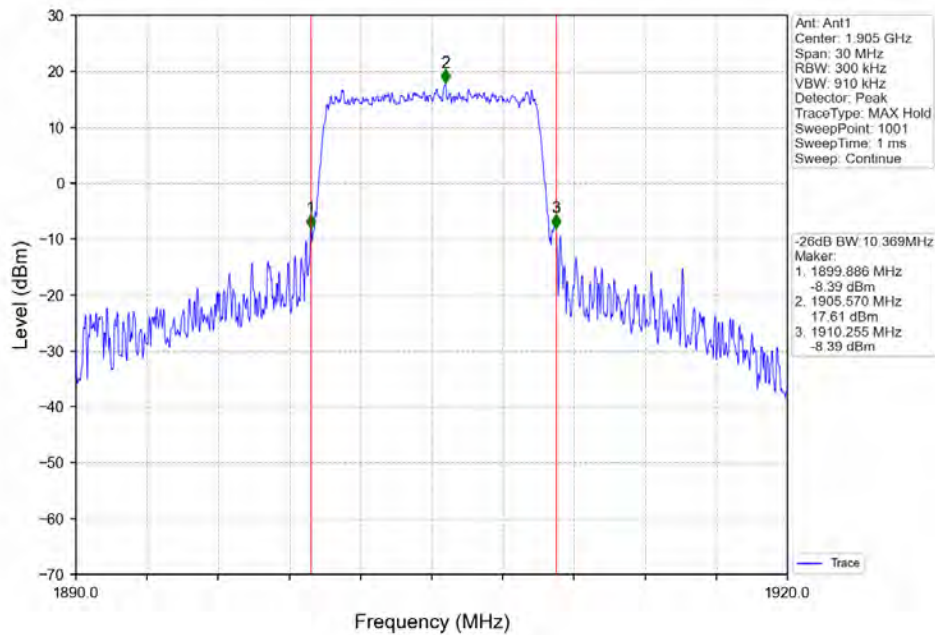
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



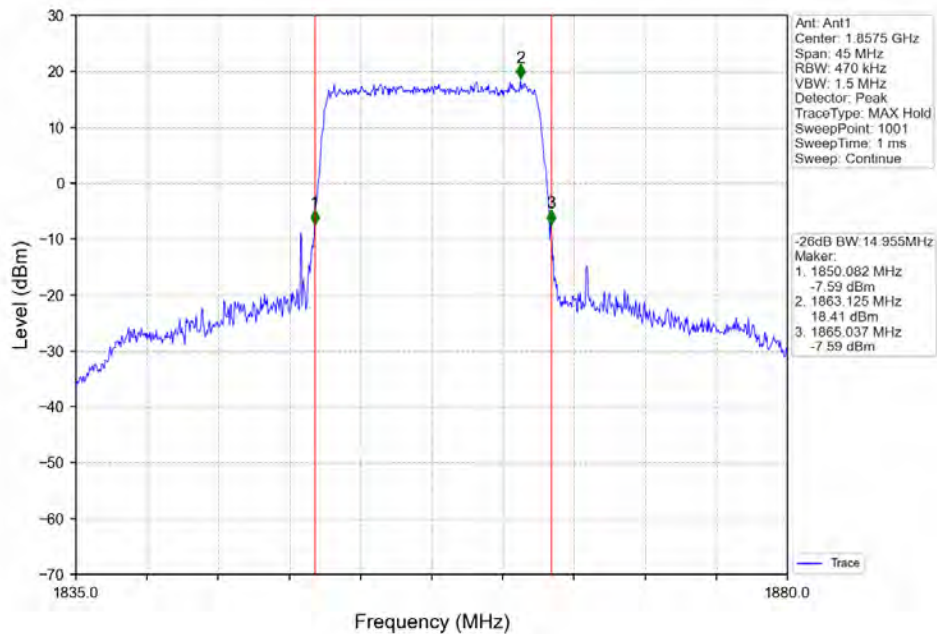
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



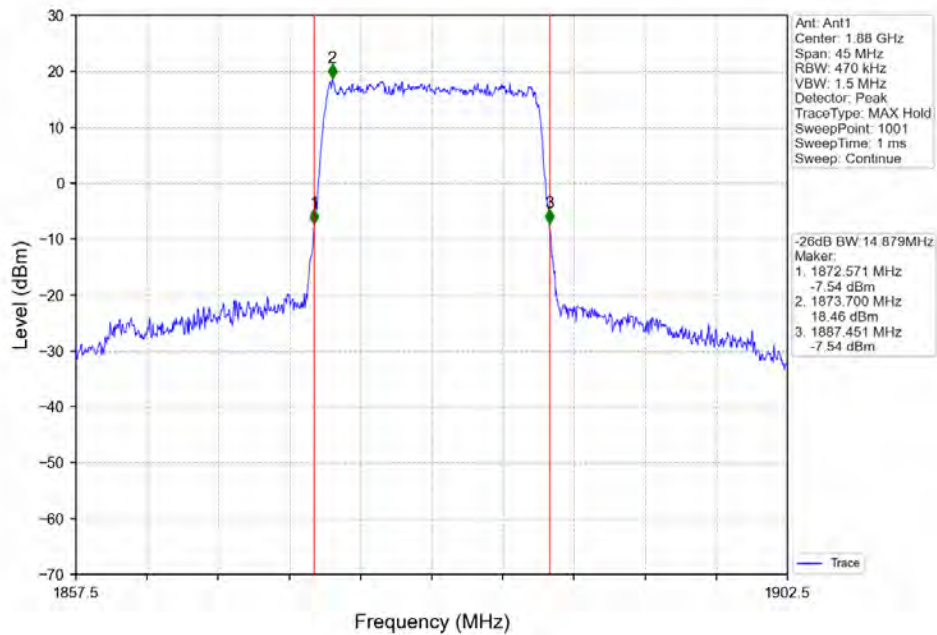
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



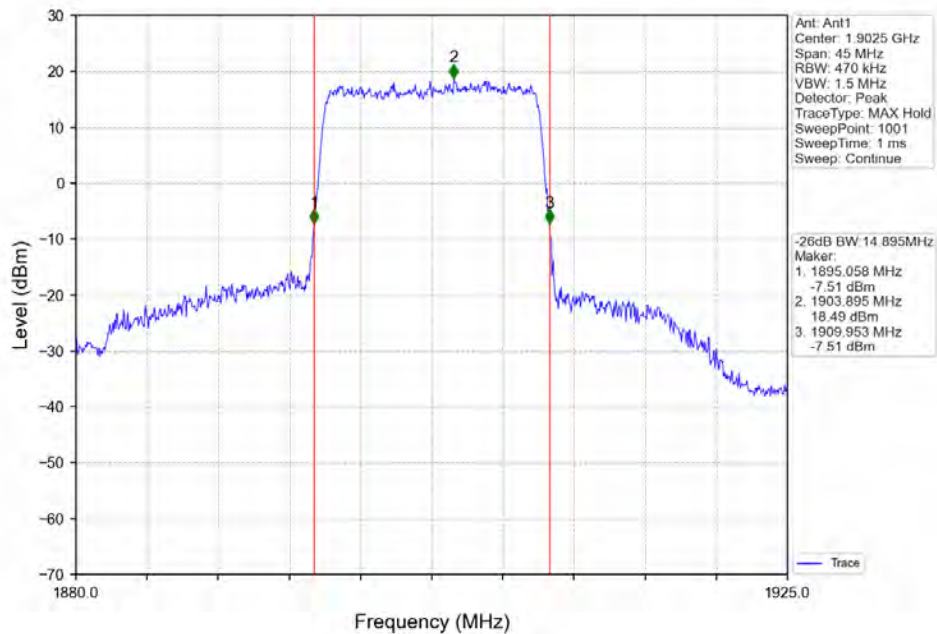
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



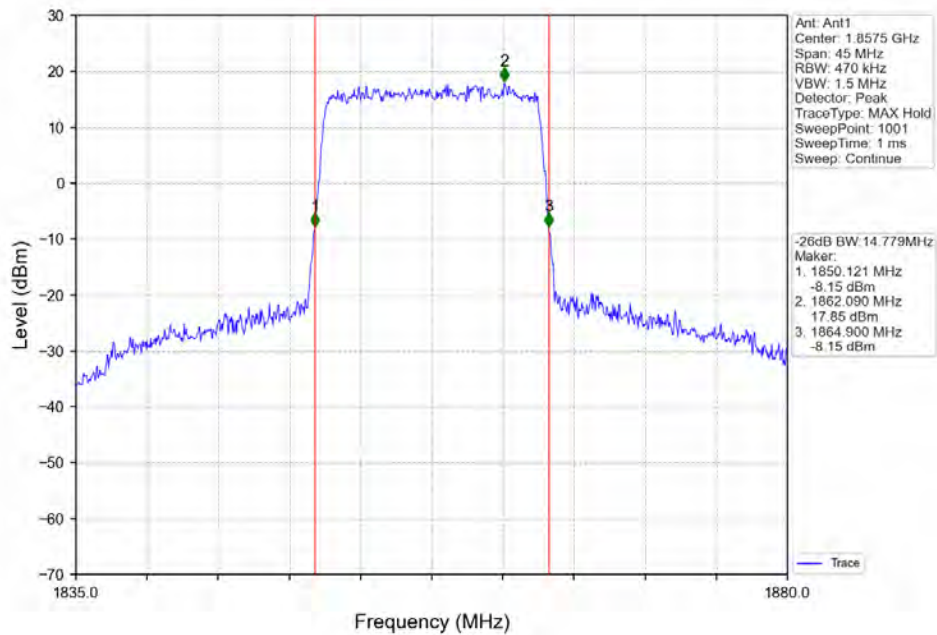
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



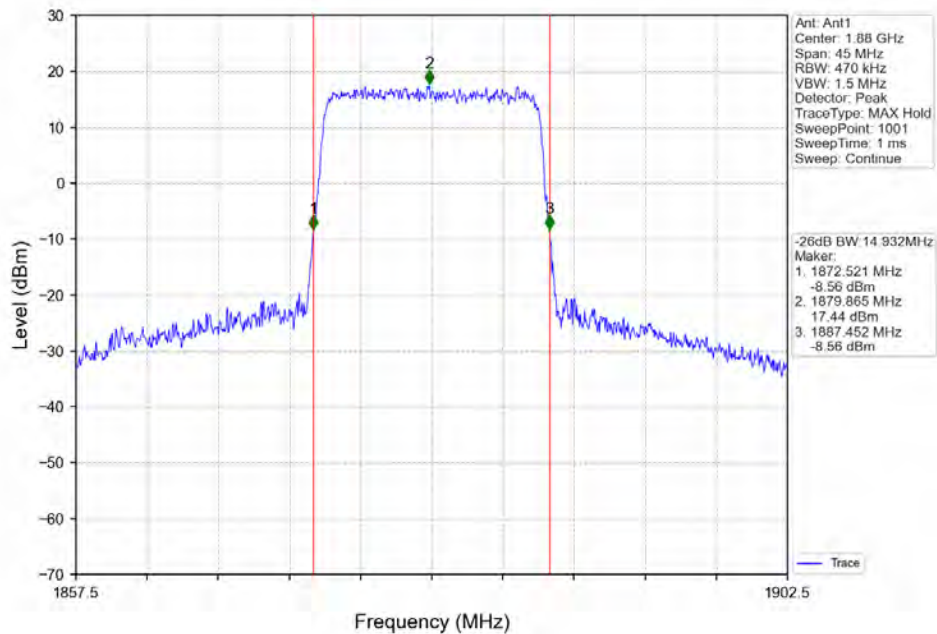
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



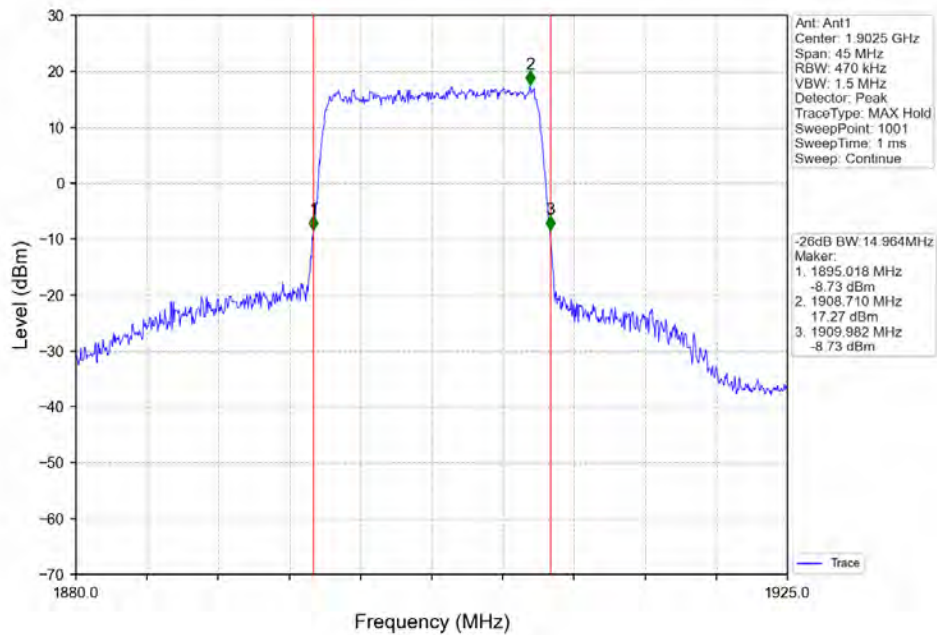
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



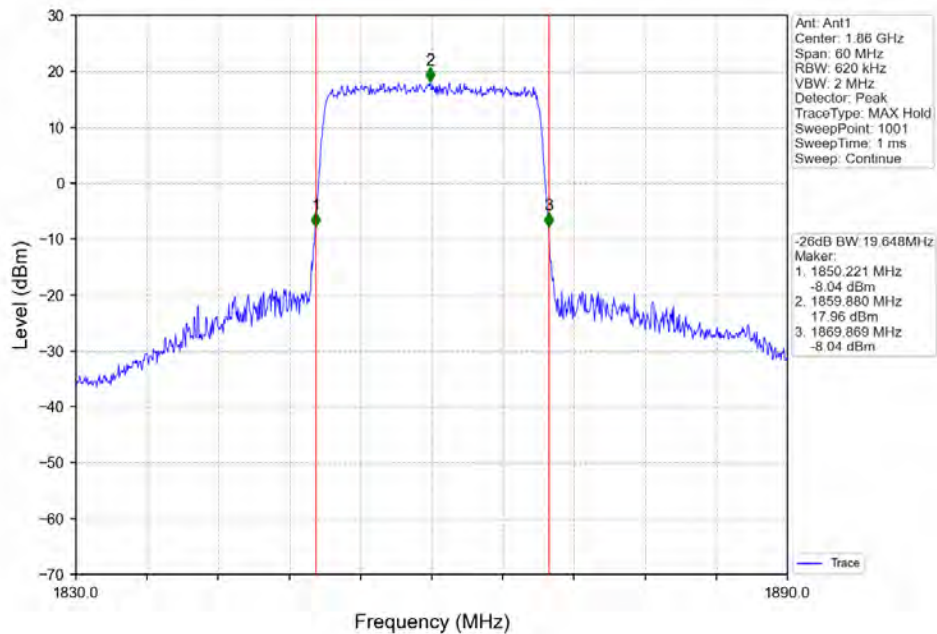
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



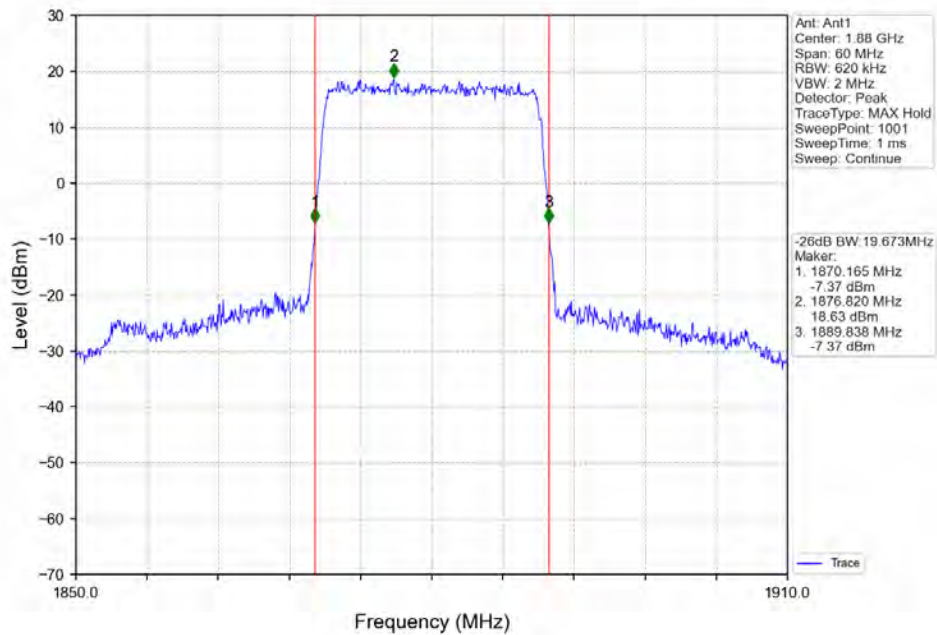
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



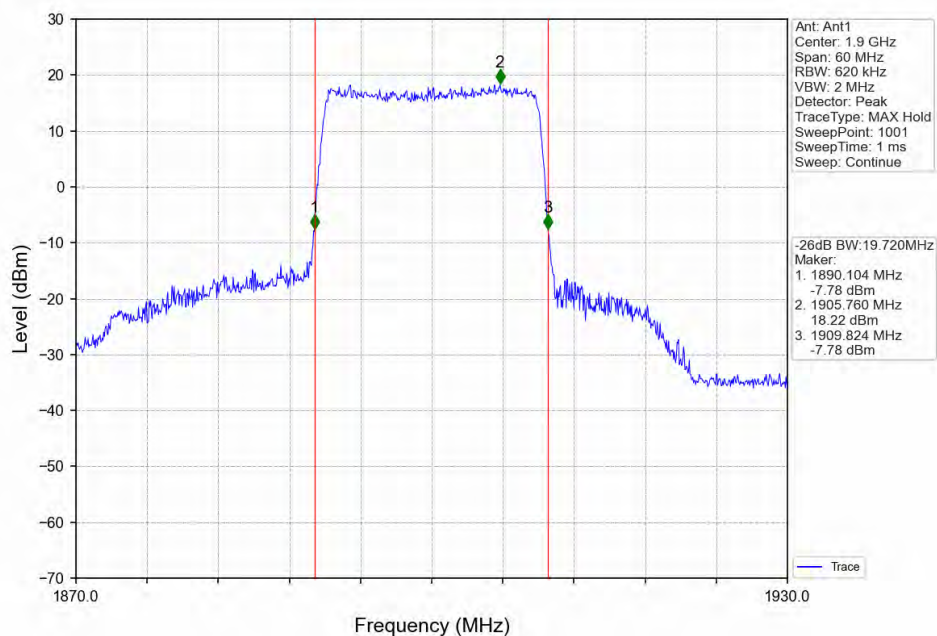
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



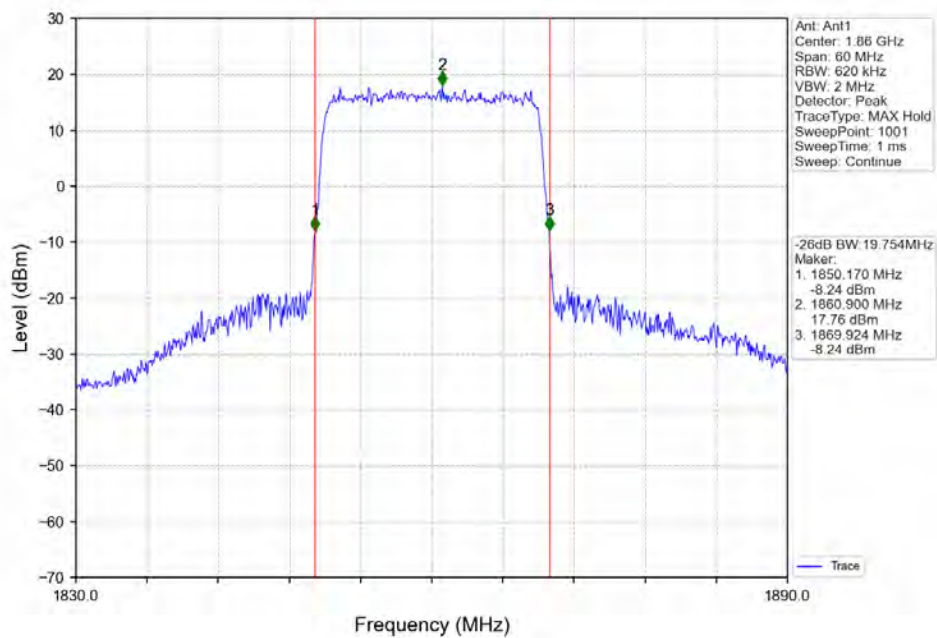
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



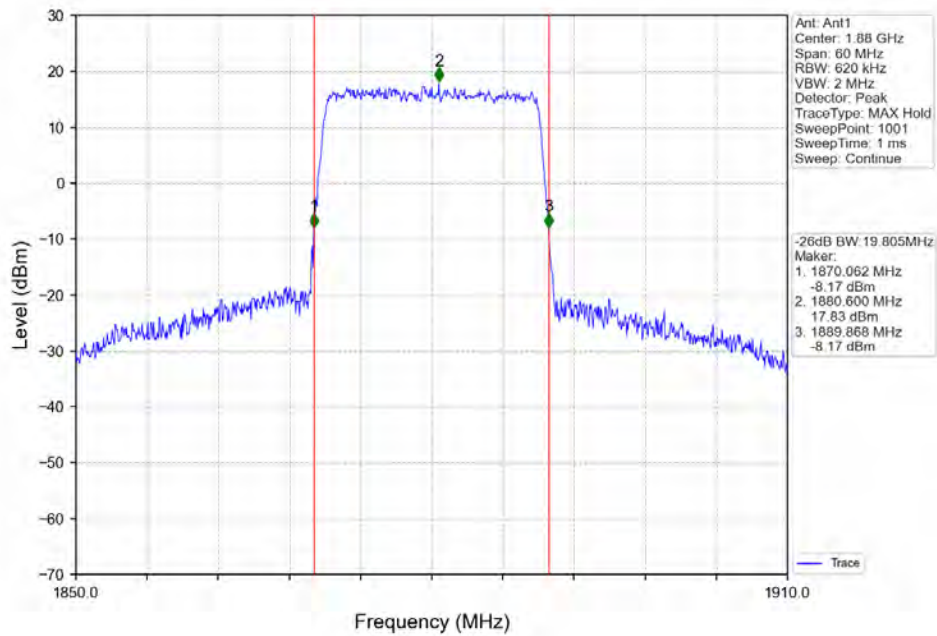
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



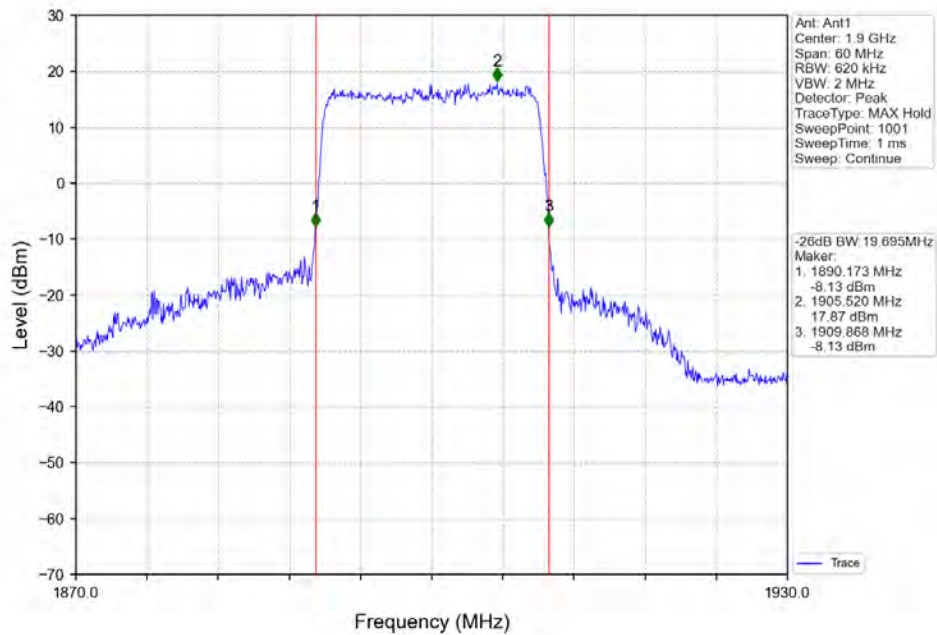
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV





3. Peak-Average Ratio

3.1. WCDMA_Band2

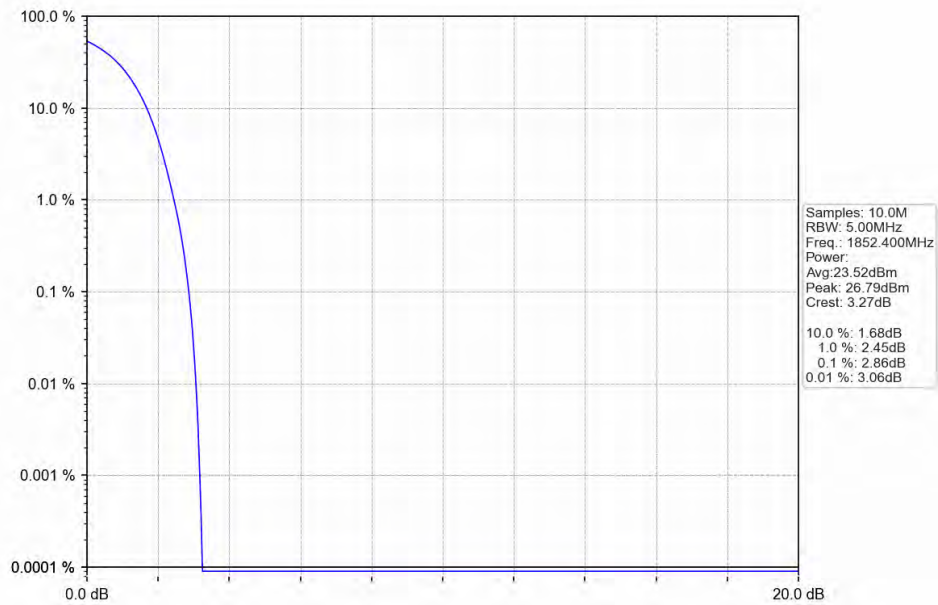
3.1.1. Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.86	<=13	Pass
			1880	2.93	<=13	Pass
			1907.6	2.75	<=13	Pass

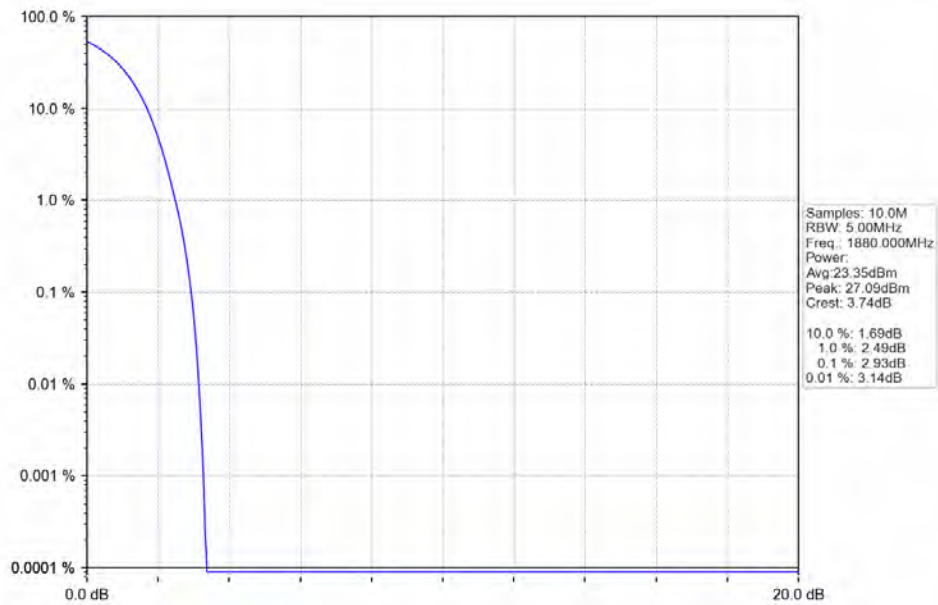


3.1.2. Test Graph

Band2_RMC_LCH_1852.4MHz_12.2kbps RMC_NTNV

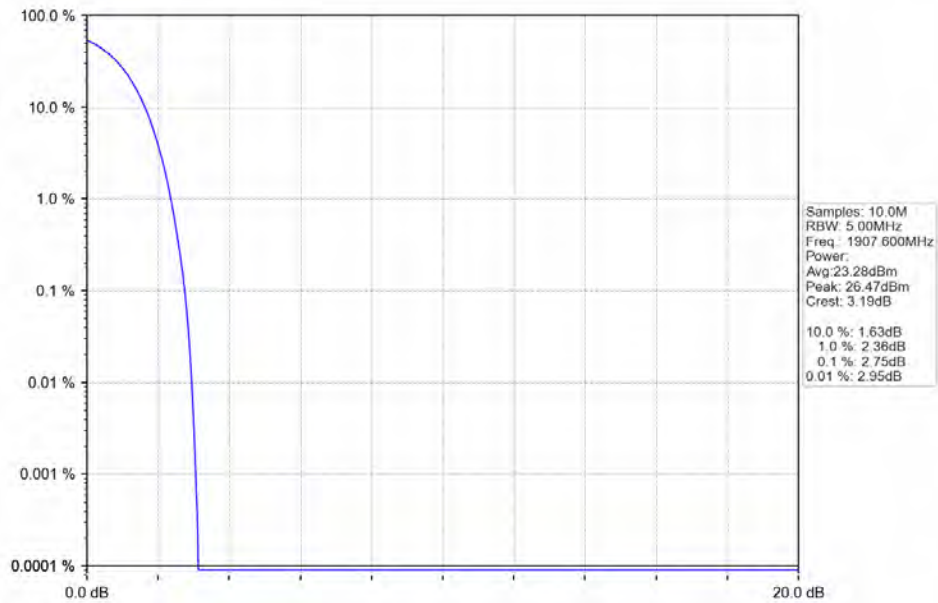


Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV





Band2 RMC HCH 1907.6MHz 12.2kbps RMC NTN





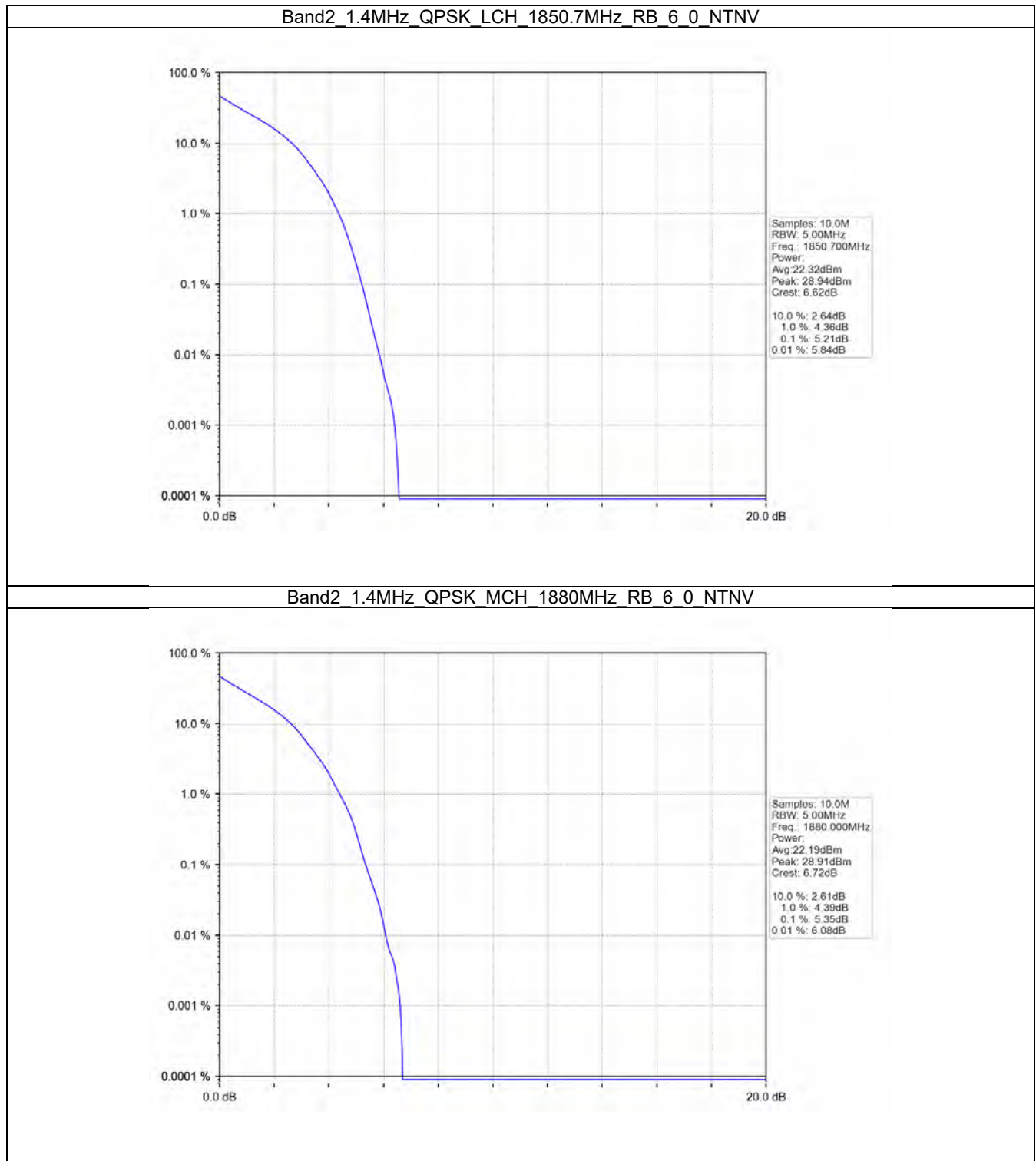
3.2. LTE_B2_1.4MHz

3.2.1. Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.21	<=13	Pass
	1880	6	0	5.35	<=13	Pass
	1909.3	6	0	4.85	<=13	Pass
16QAM	1850.7	6	0	6.00	<=13	Pass
	1880	6	0	6.20	<=13	Pass
	1909.3	6	0	5.72	<=13	Pass

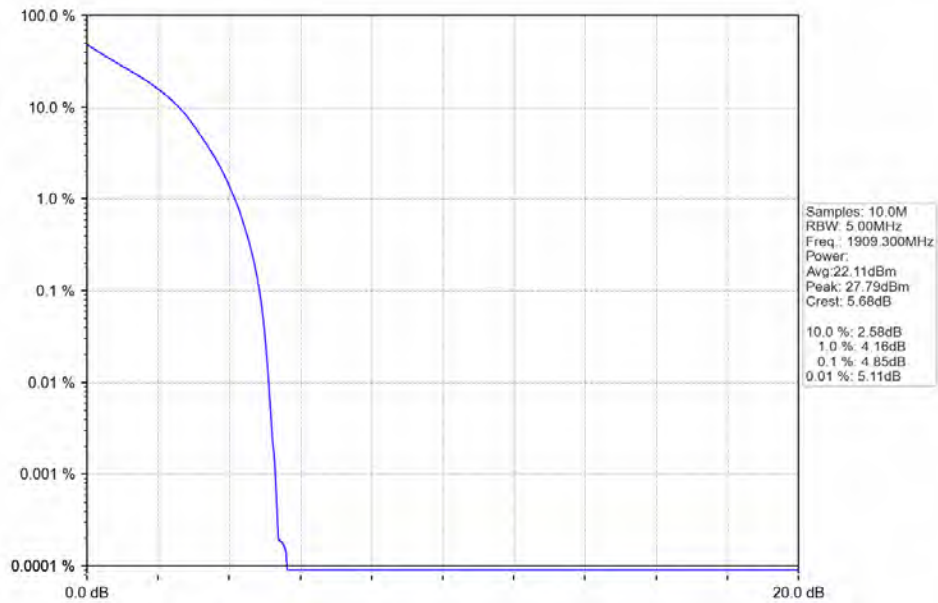


3.2.2. Test Graph

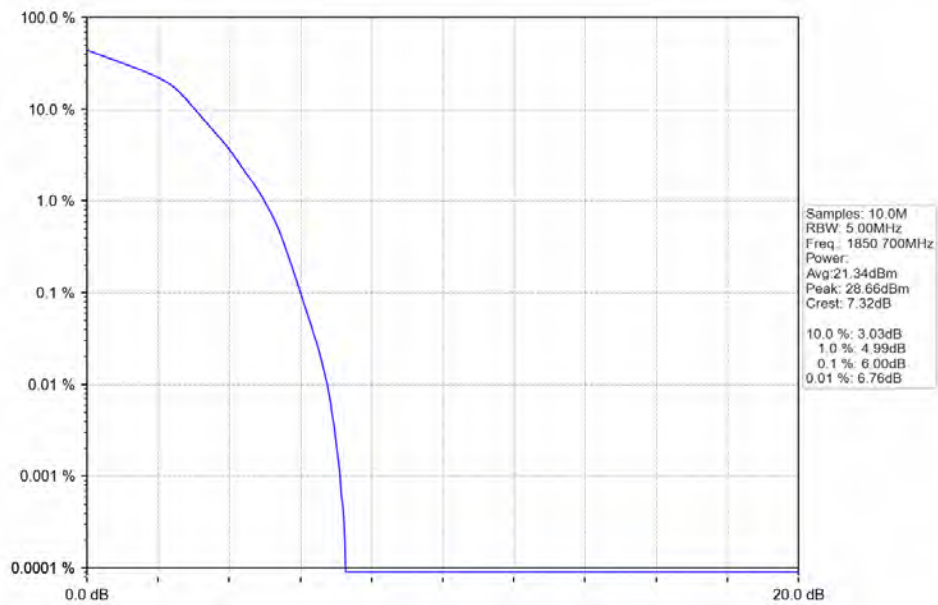




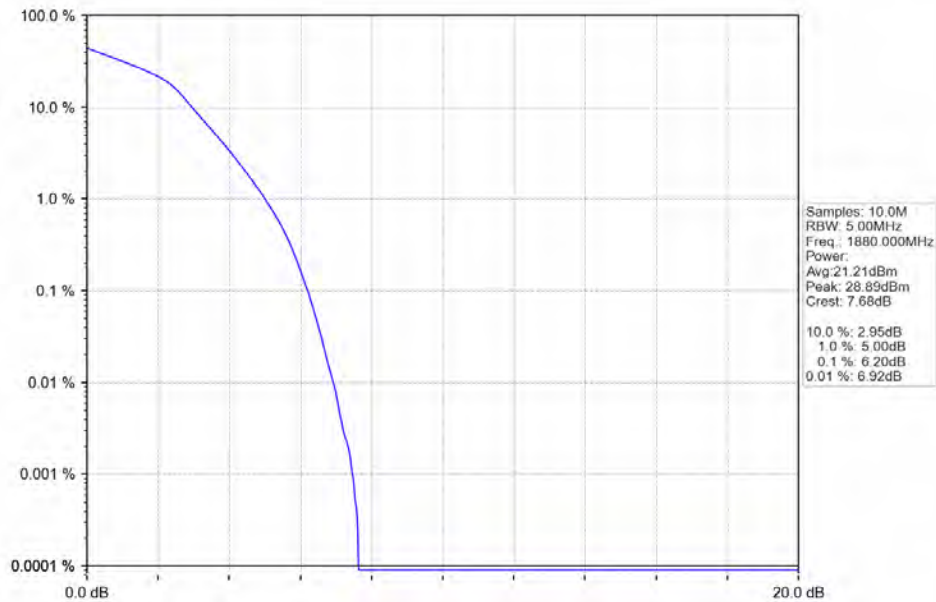
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



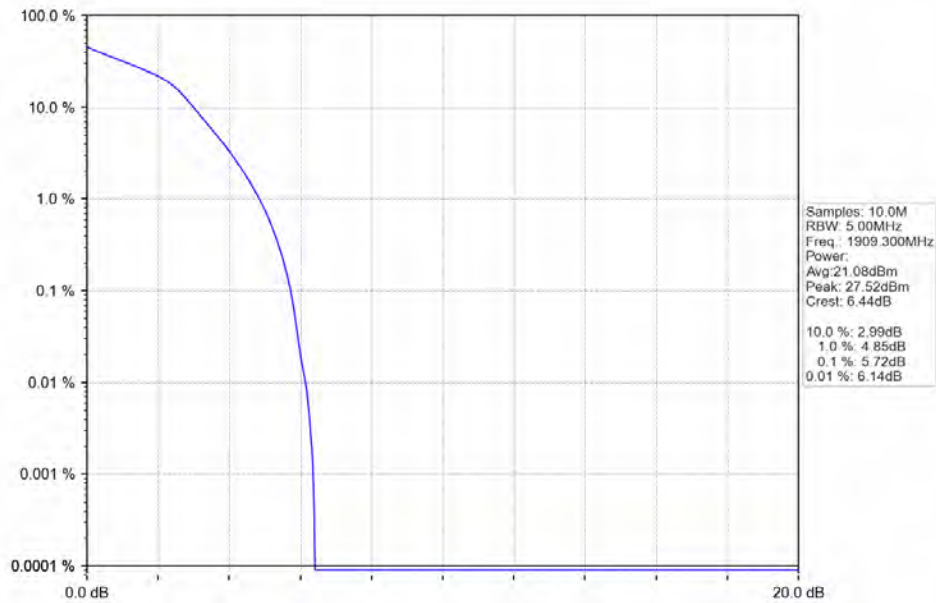
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV





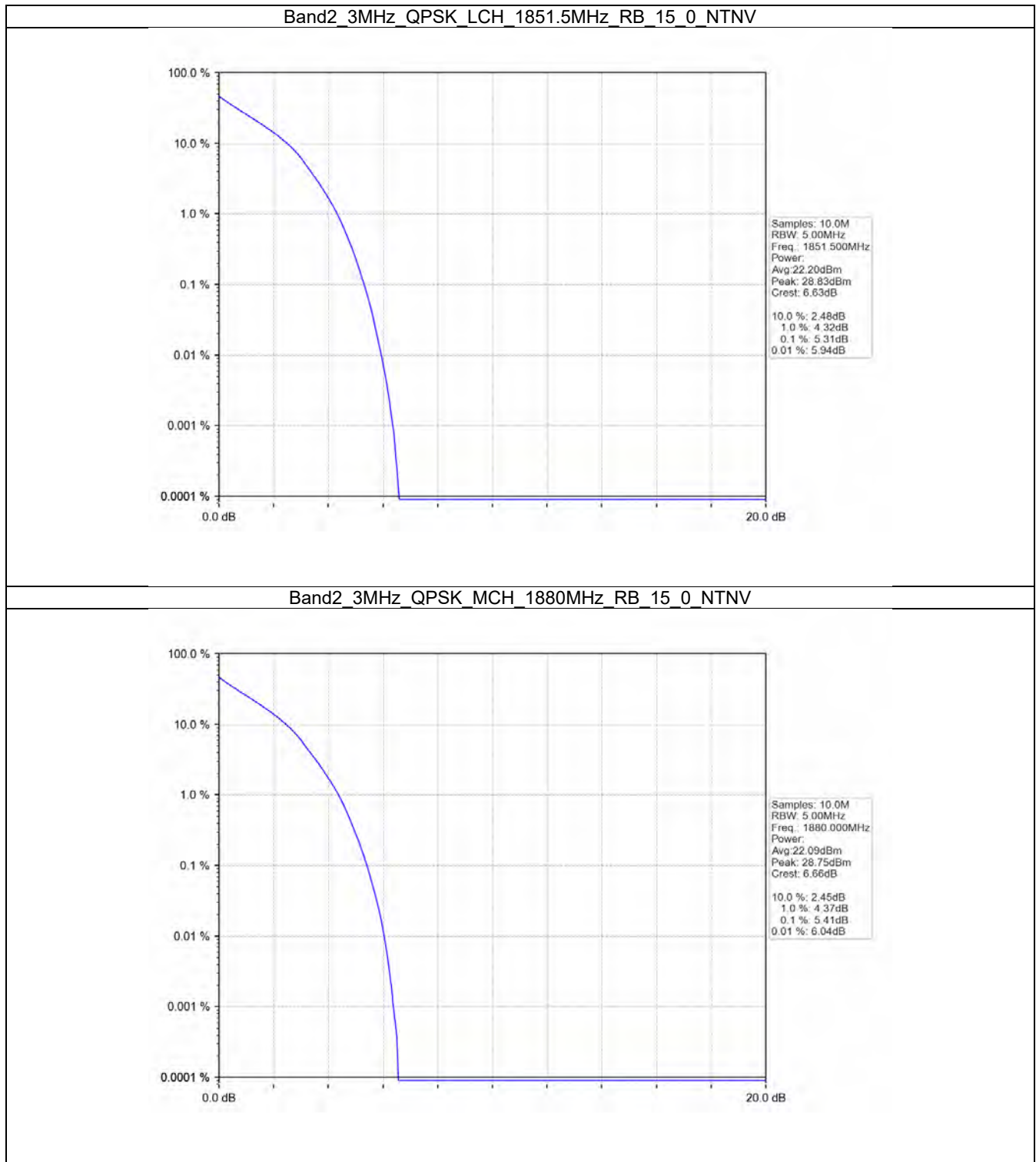
3.3. LTE_B2_3MHz

3.3.1. Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.31	<=13	Pass
	1880	15	0	5.41	<=13	Pass
	1908.5	15	0	5.00	<=13	Pass
16QAM	1851.5	15	0	6.15	<=13	Pass
	1880	15	0	6.27	<=13	Pass
	1908.5	15	0	5.85	<=13	Pass

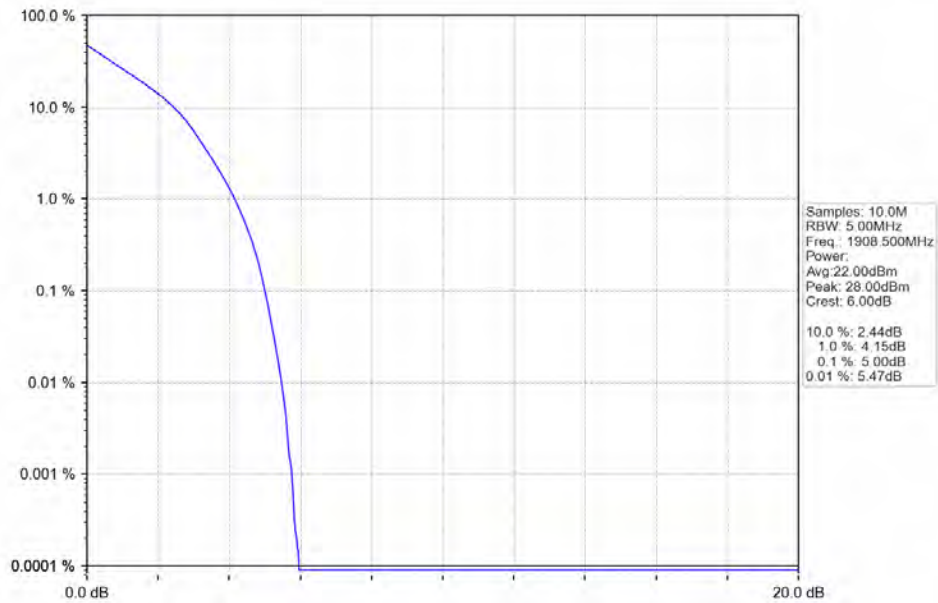


3.3.2. Test Graph

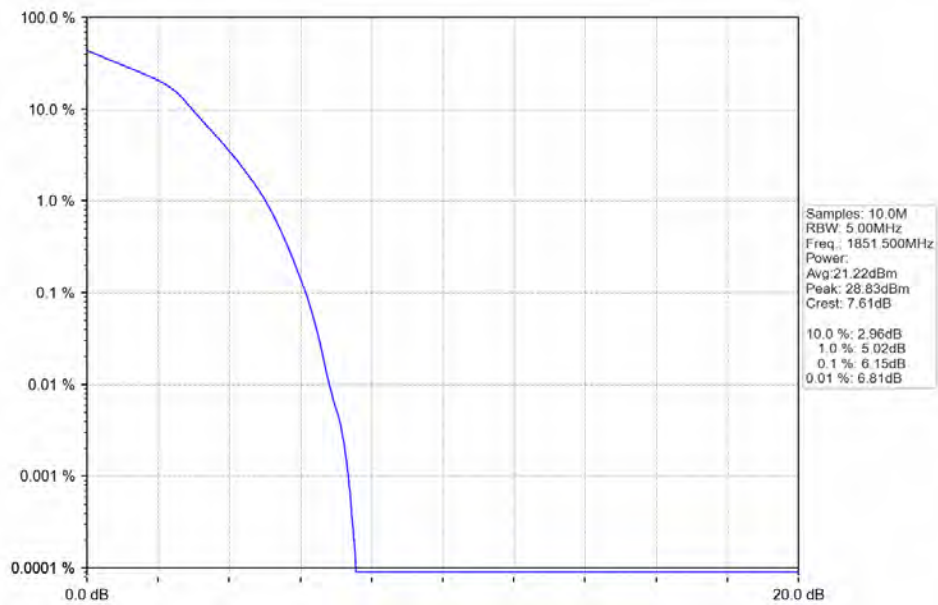




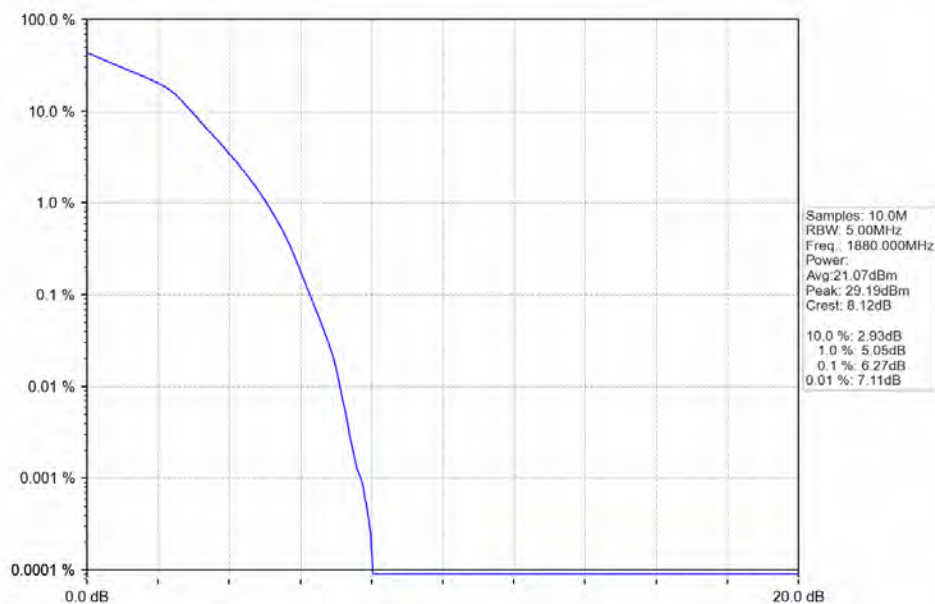
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



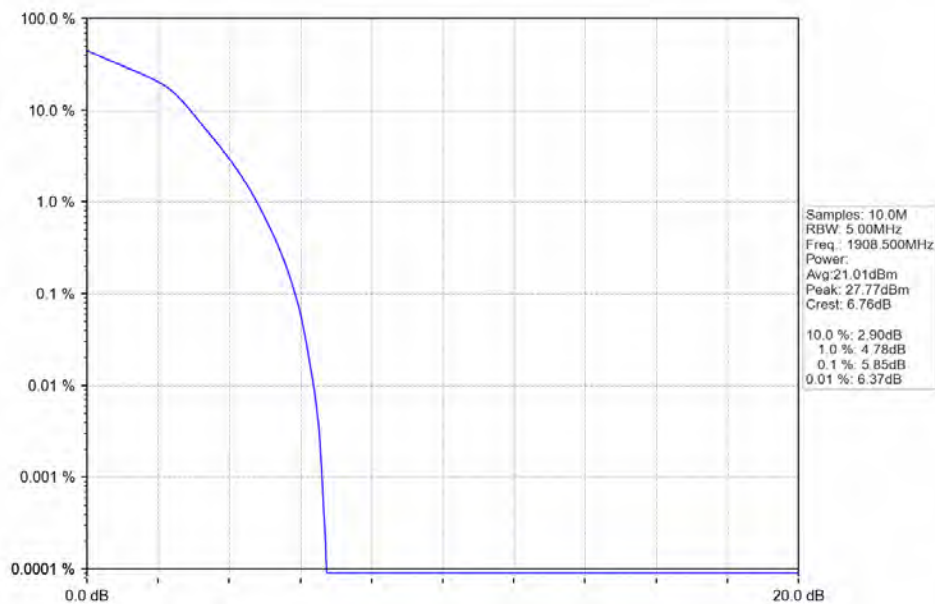
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV





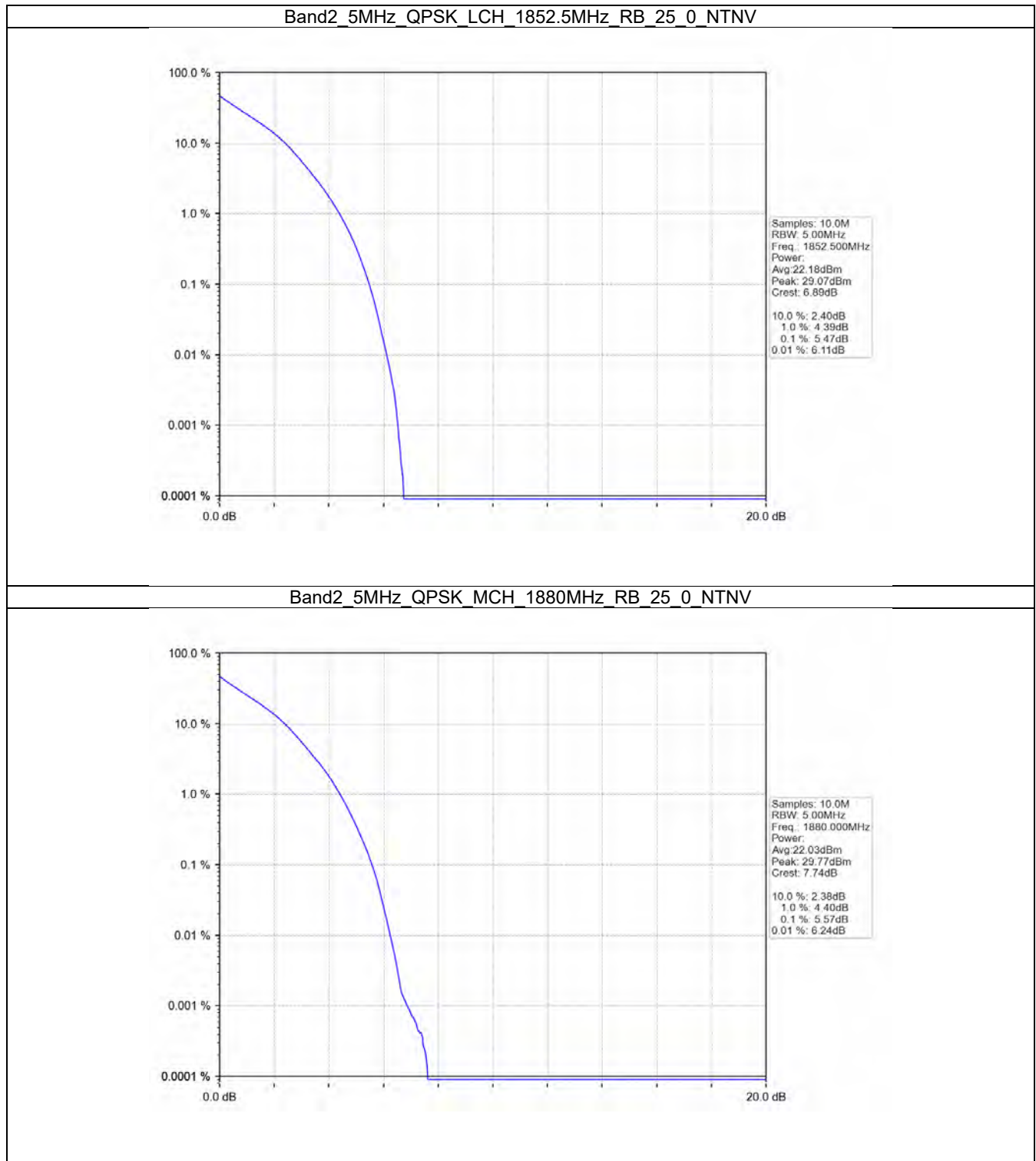
3.4. LTE_B2_5MHz

3.4.1. Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.47	<=13	Pass
	1880	25	0	5.57	<=13	Pass
	1907.5	25	0	5.25	<=13	Pass
16QAM	1852.5	25	0	6.19	<=13	Pass
	1880	25	0	6.28	<=13	Pass
	1907.5	25	0	6.02	<=13	Pass

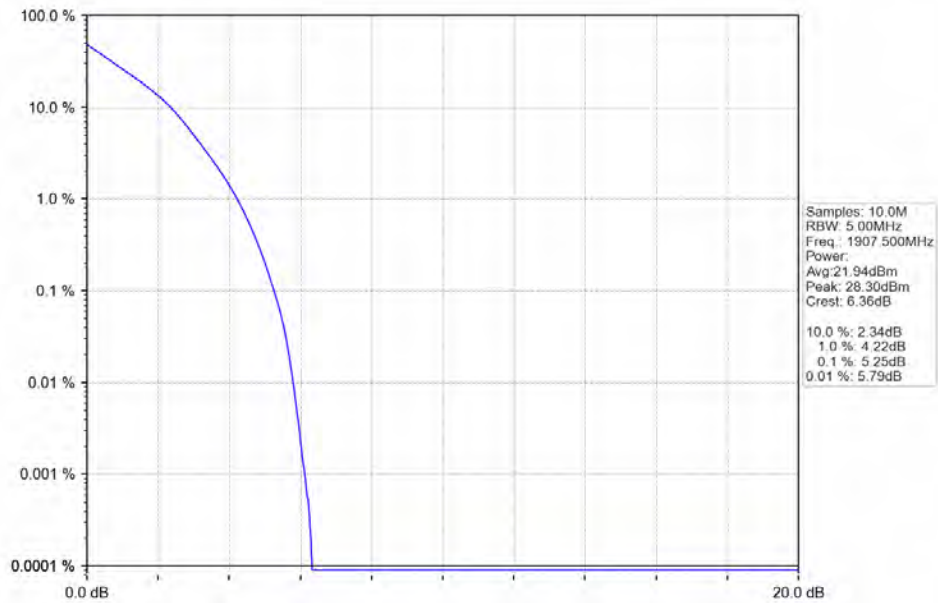


3.4.2. Test Graph

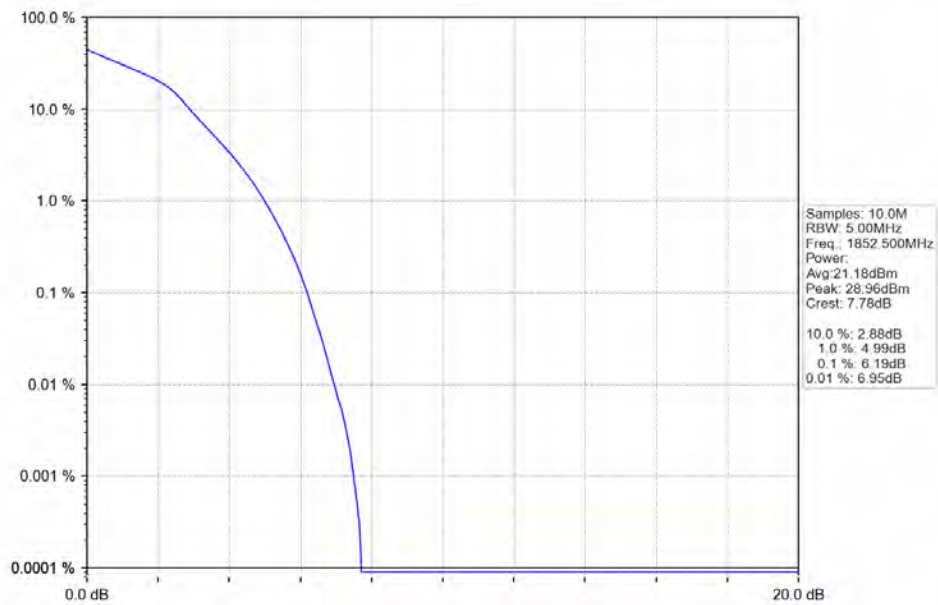




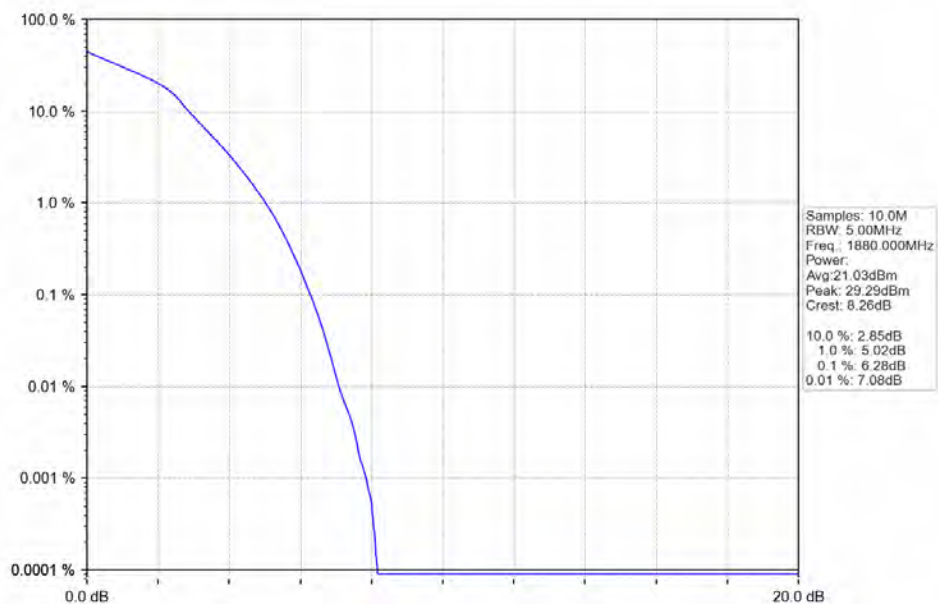
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



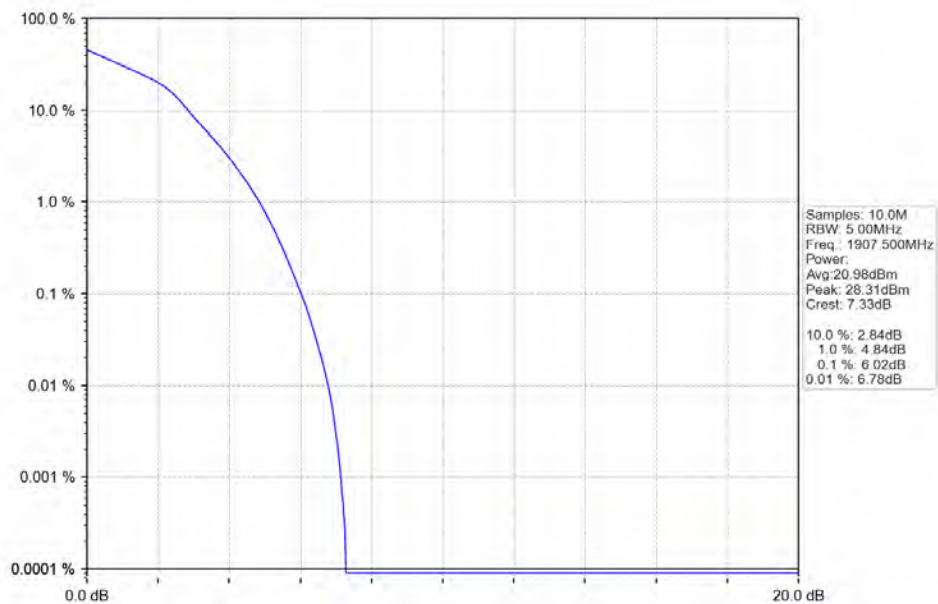
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV





3.5. LTE_B2_10MHz

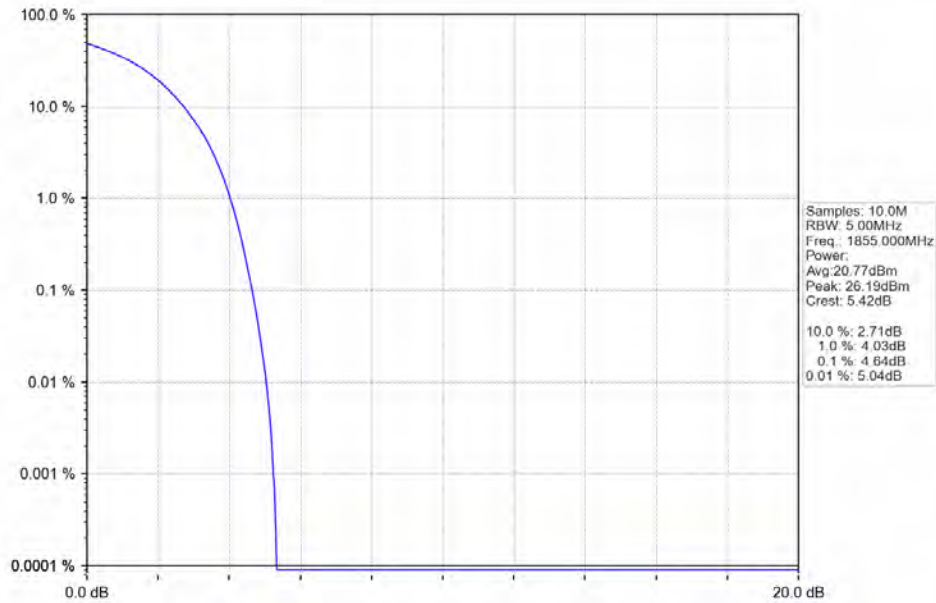
3.5.1. Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	4.64	<=13	Pass
	1880	50	0	4.64	<=13	Pass
	1905	50	0	4.59	<=13	Pass
16QAM	1855	50	0	6.11	<=13	Pass
	1880	50	0	6.05	<=13	Pass
	1905	50	0	6.08	<=13	Pass

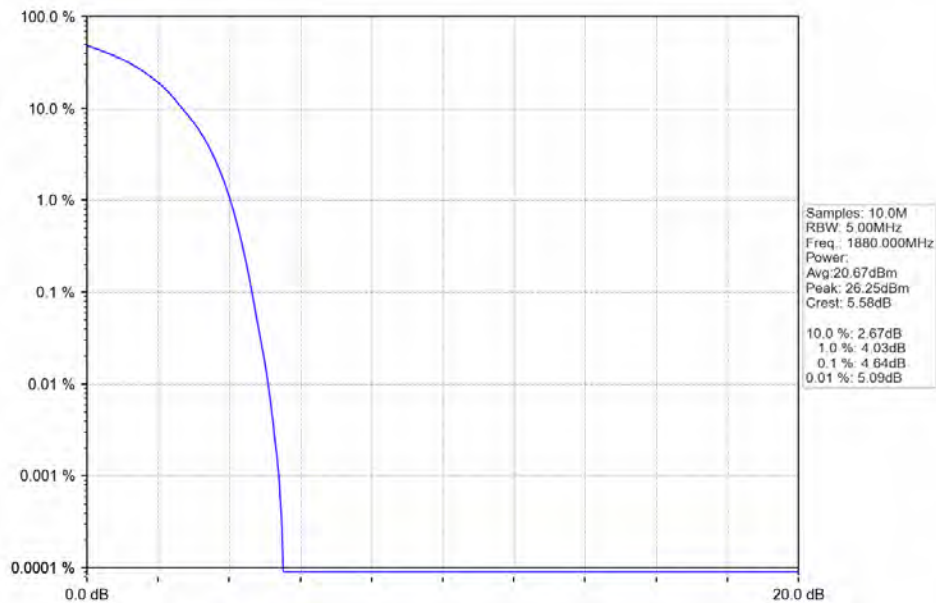


3.5.2. Test Graph

Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

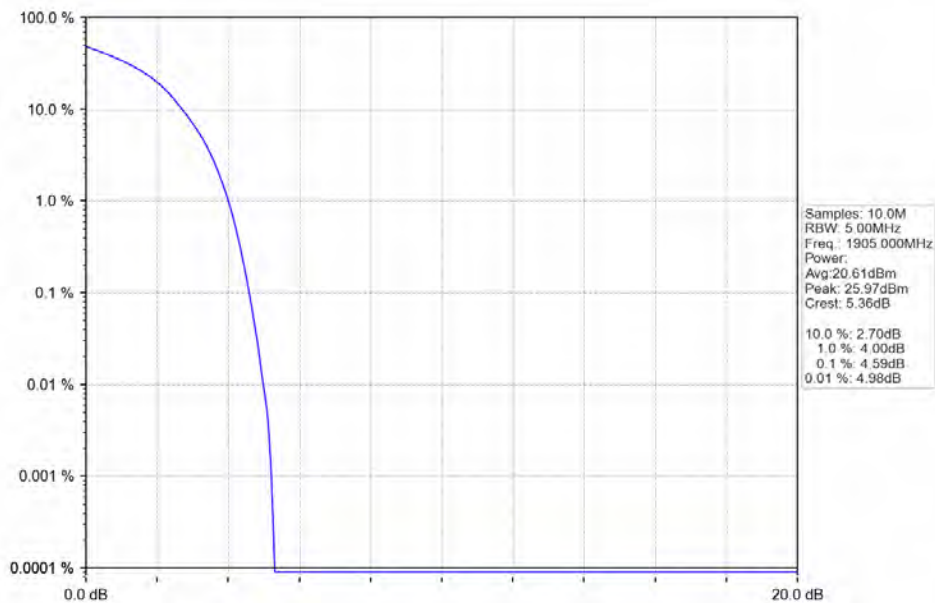


Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

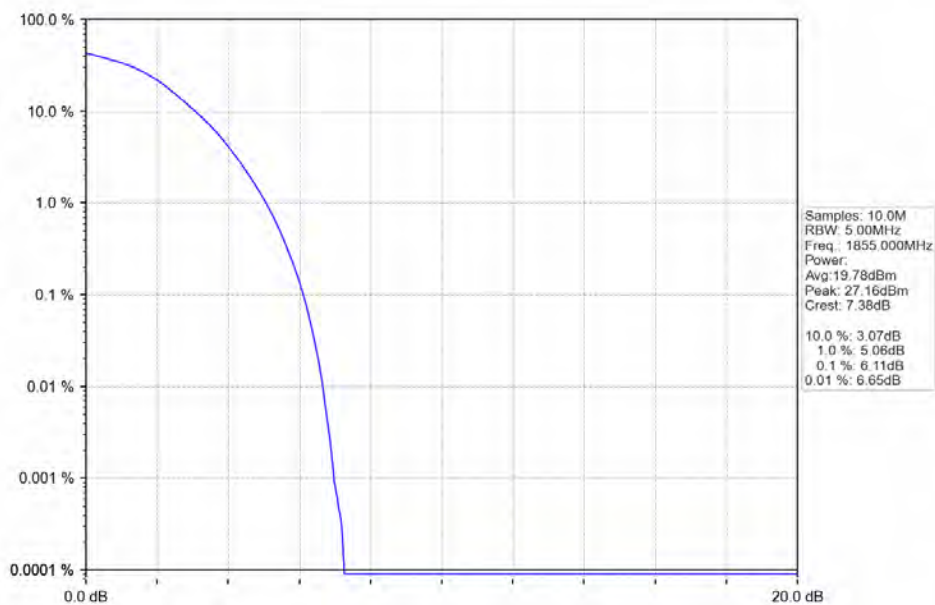




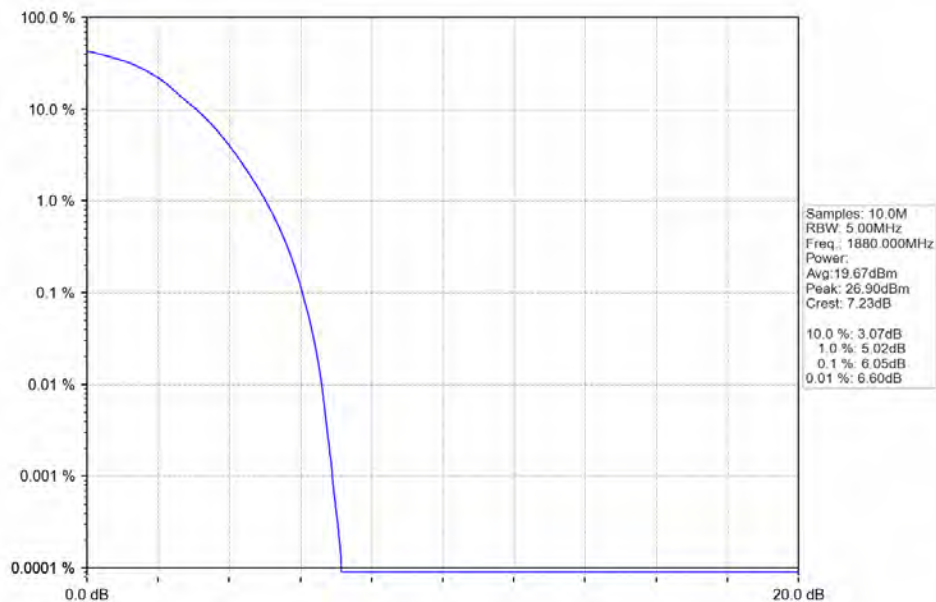
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



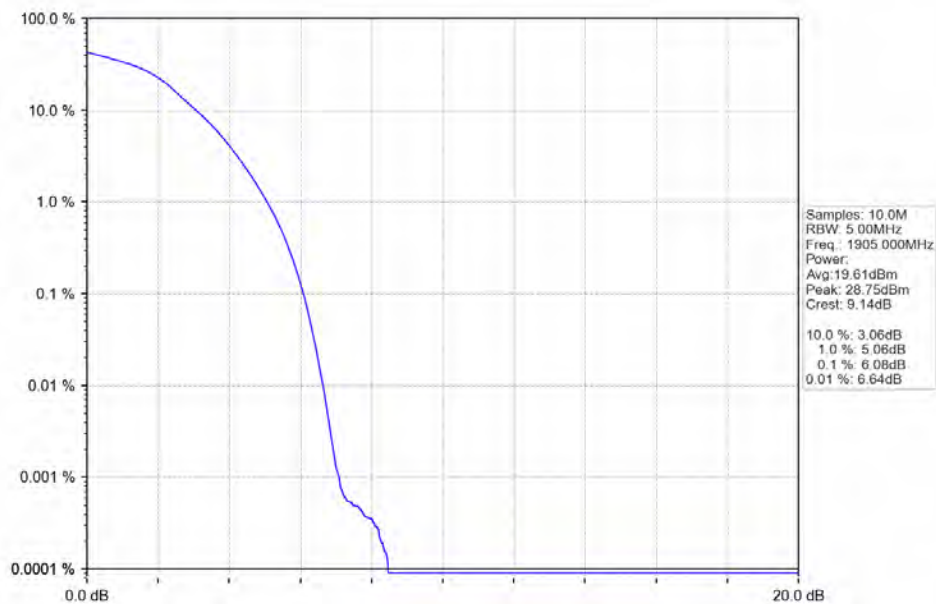
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV





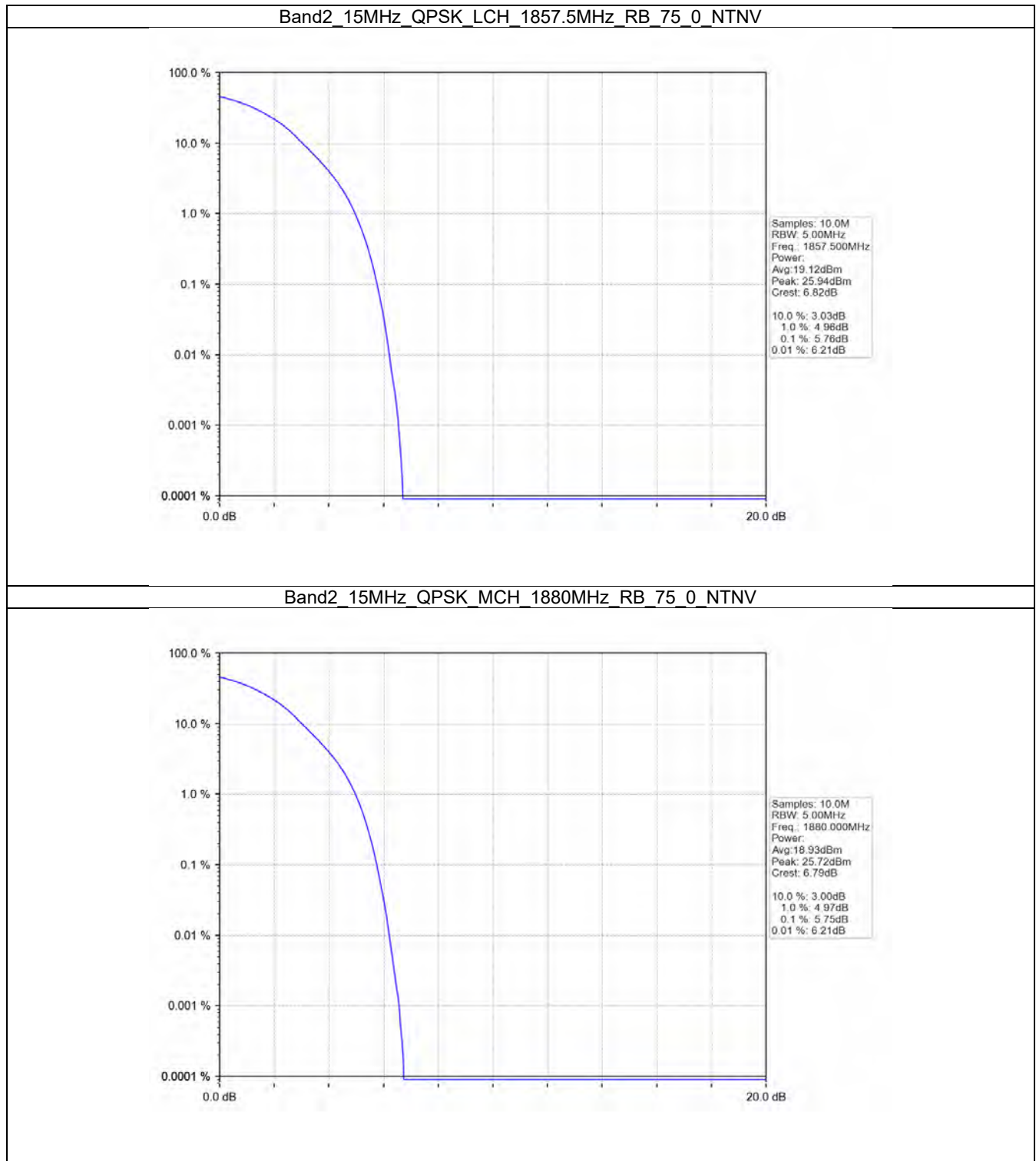
3.6. LTE_B2_15MHz

3.6.1. Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.76	<=13	Pass
	1880	75	0	5.75	<=13	Pass
	1902.5	75	0	5.79	<=13	Pass
16QAM	1857.5	75	0	6.75	<=13	Pass
	1880	75	0	6.81	<=13	Pass
	1902.5	75	0	6.87	<=13	Pass

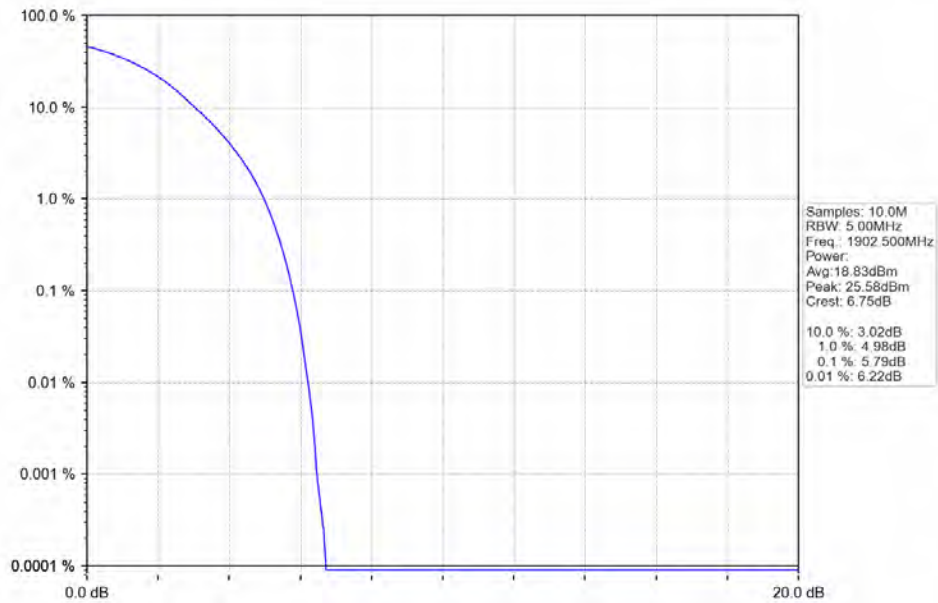


3.6.2. Test Graph

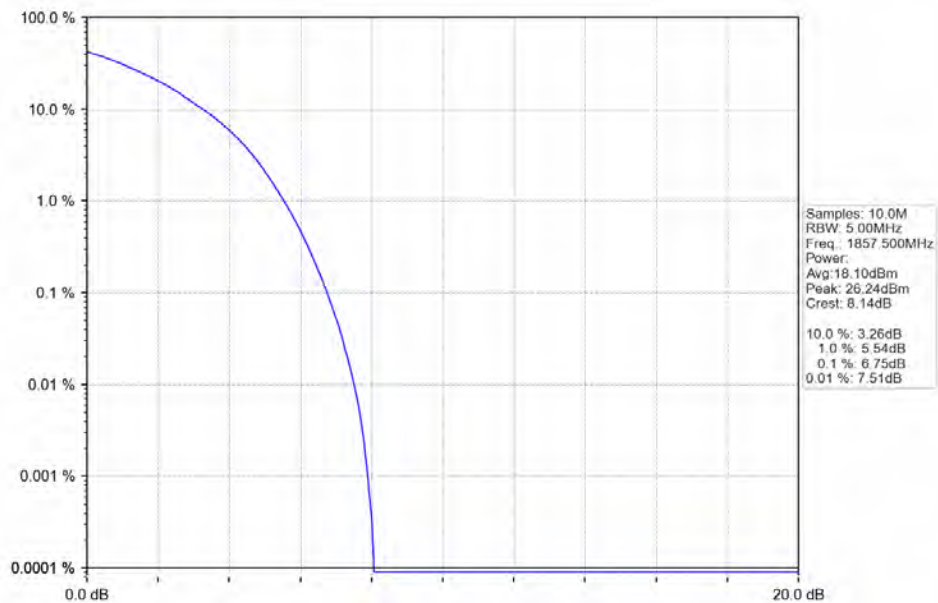




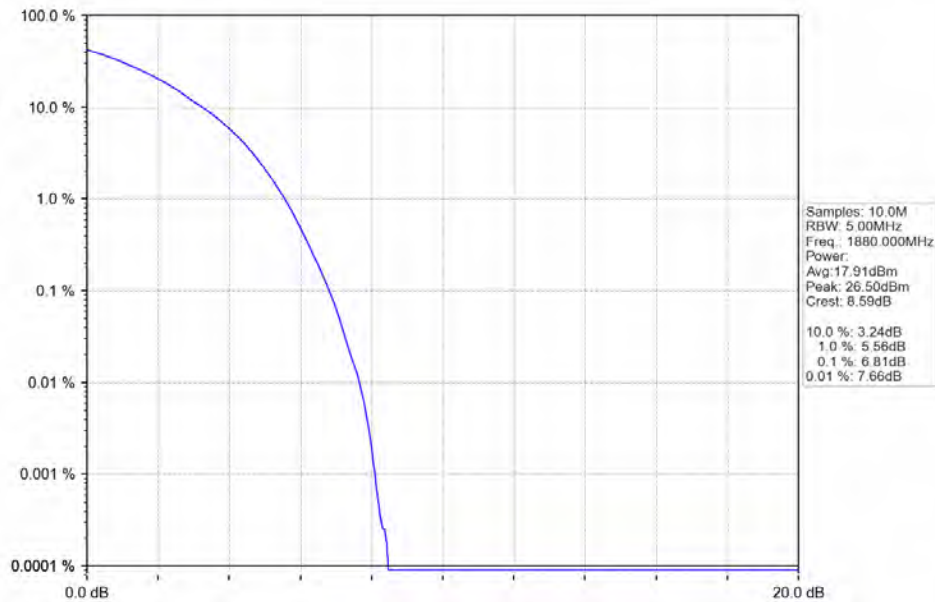
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



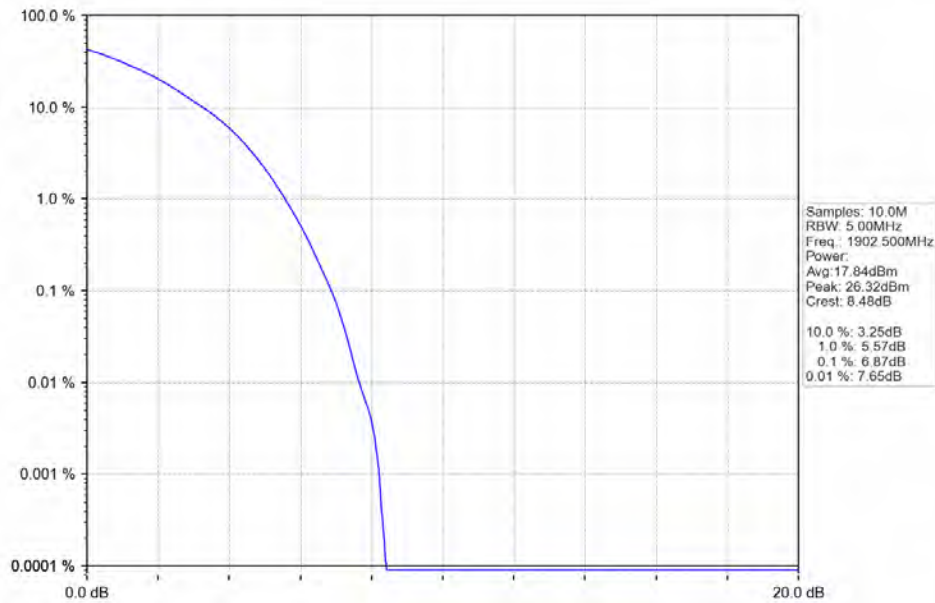
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV





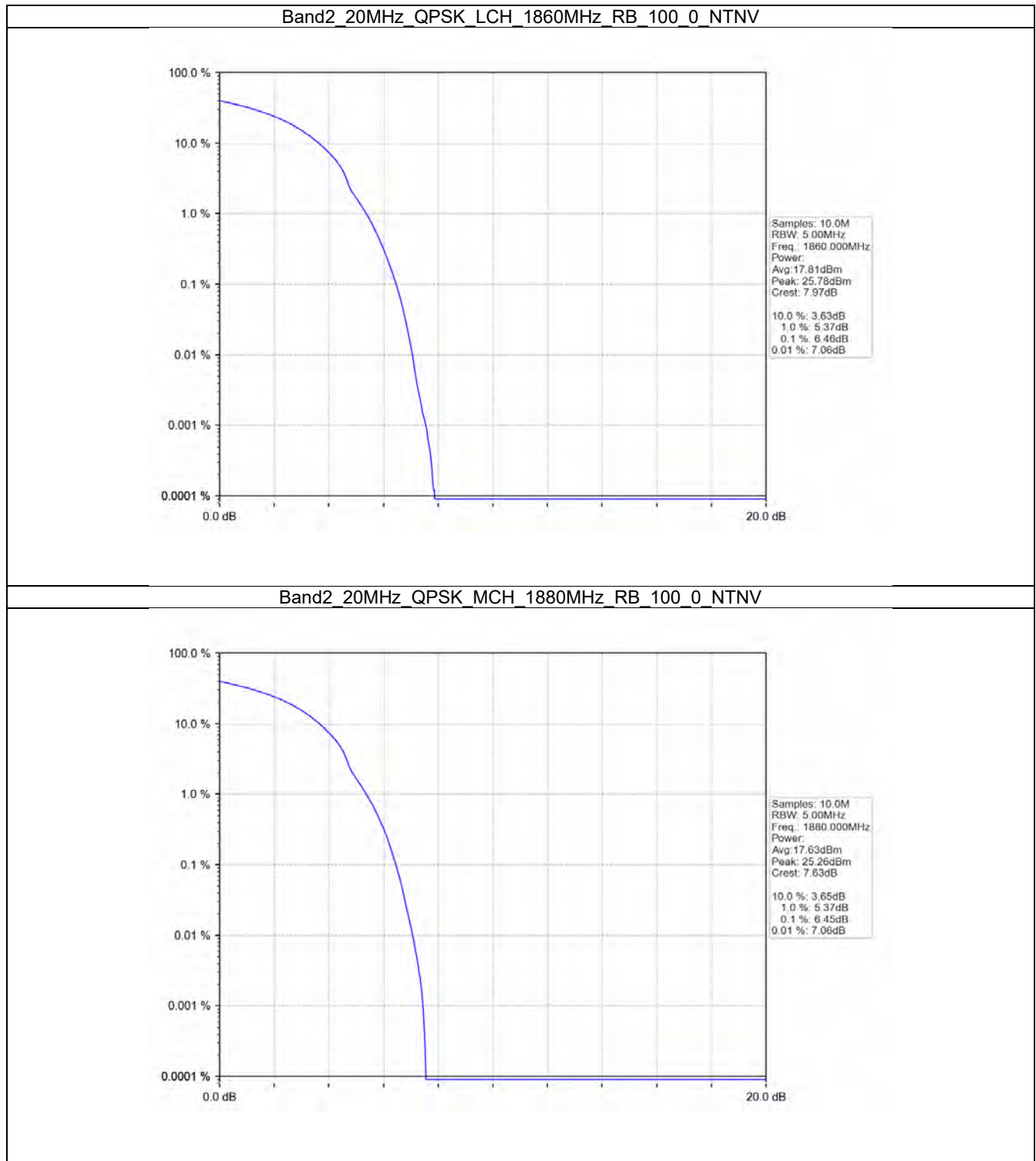
3.7. LTE_B2_20MHz

3.7.1. Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	6.46	<=13	Pass
	1880	100	0	6.45	<=13	Pass
	1900	100	0	6.45	<=13	Pass
16QAM	1860	100	0	7.19	<=13	Pass
	1880	100	0	7.21	<=13	Pass
	1900	100	0	7.13	<=13	Pass

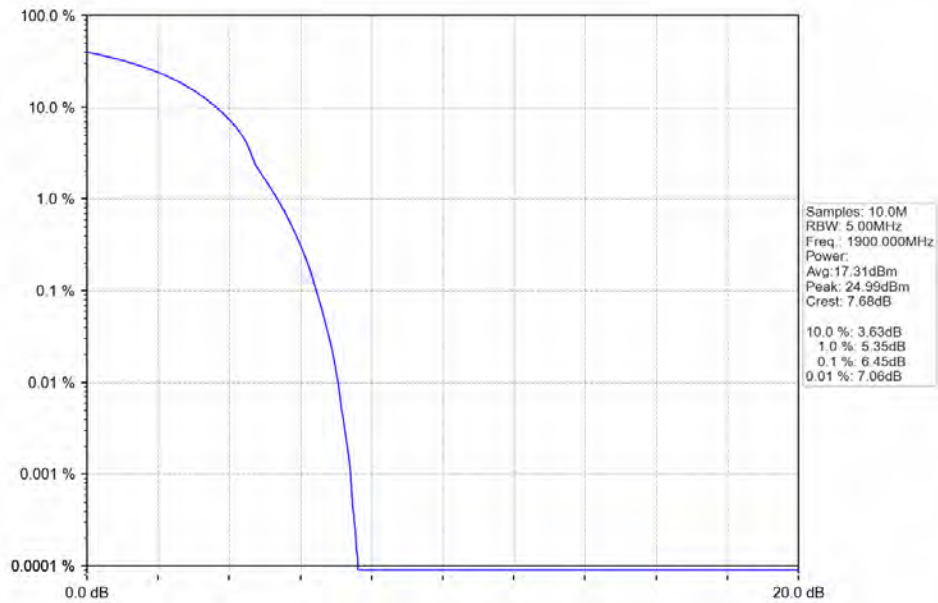


3.7.2. Test Graph

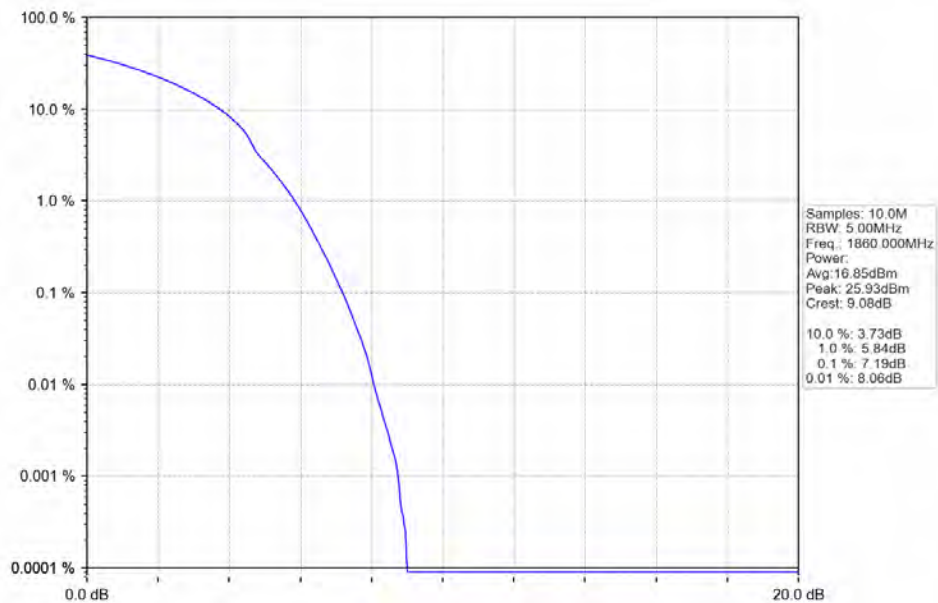




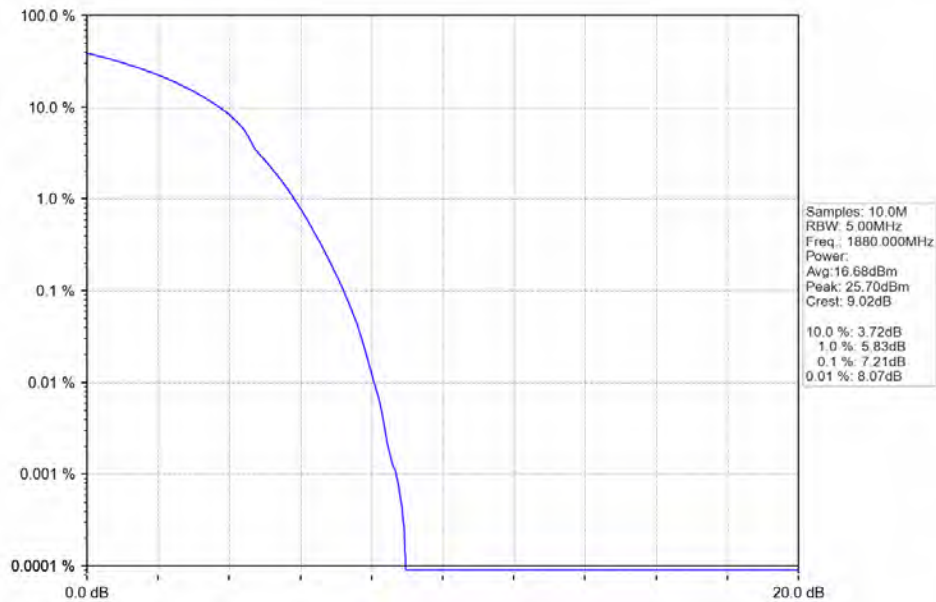
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



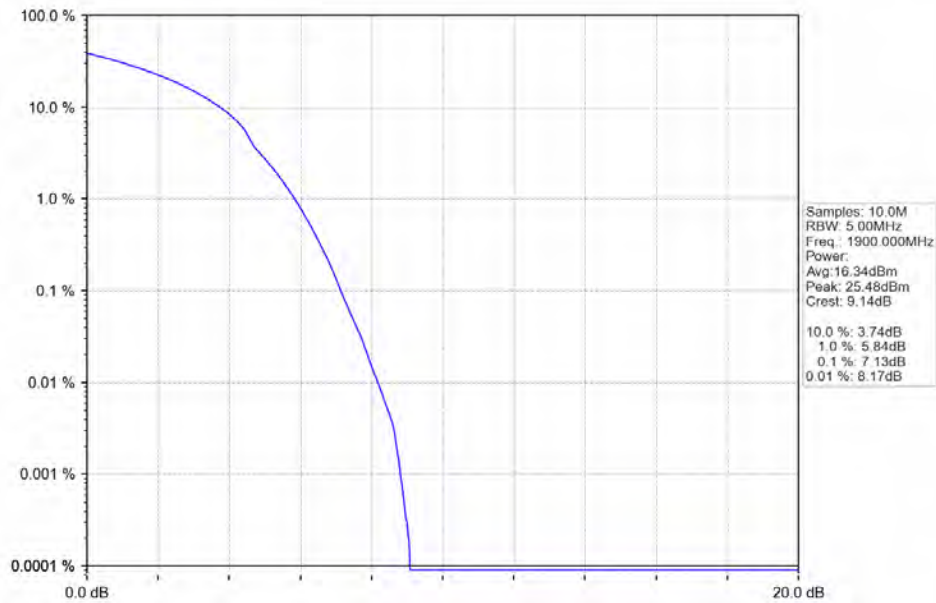
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV





4. Spurious Emission

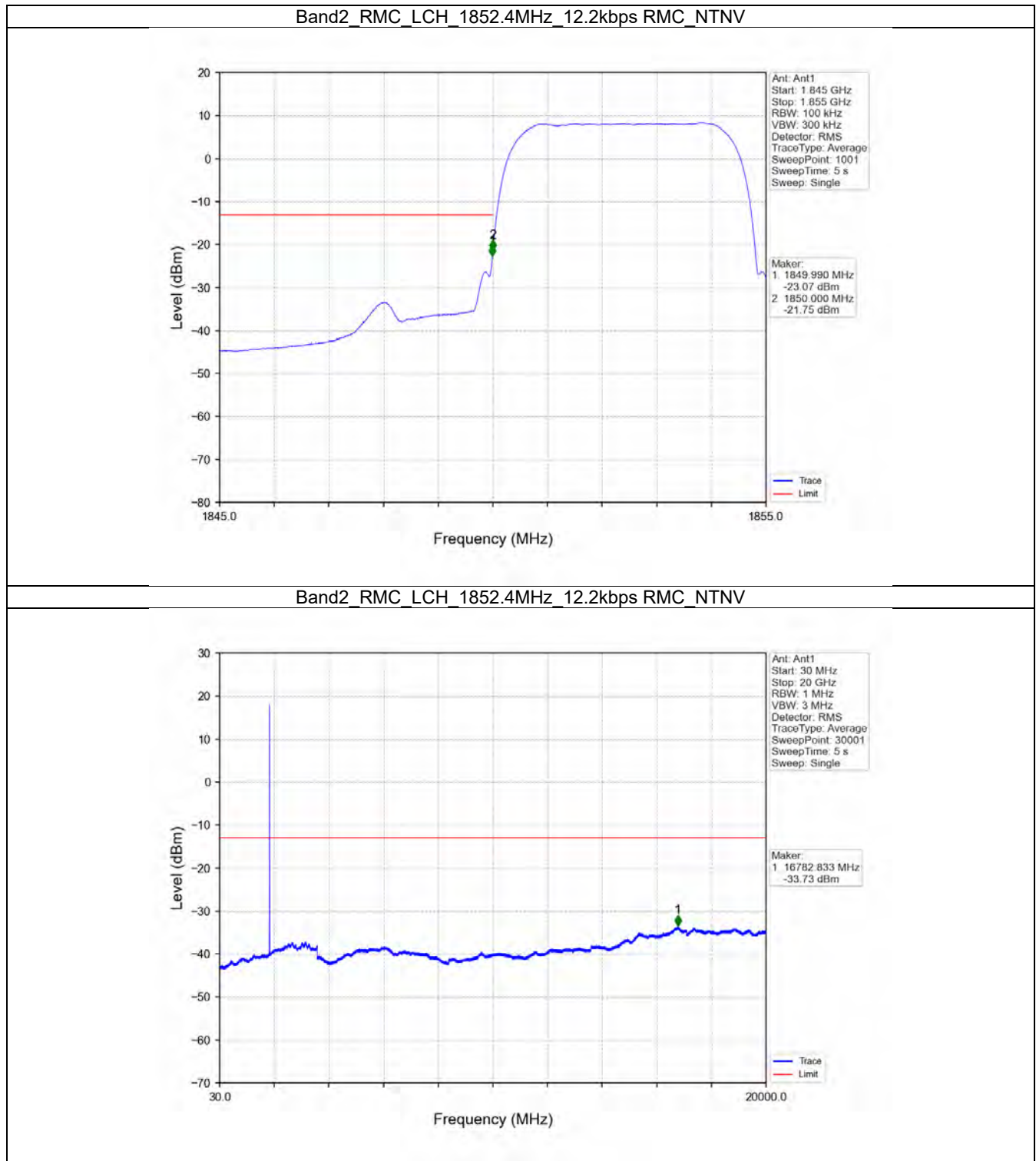
4.1. WCDMA_Band2

4.1.1. Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass

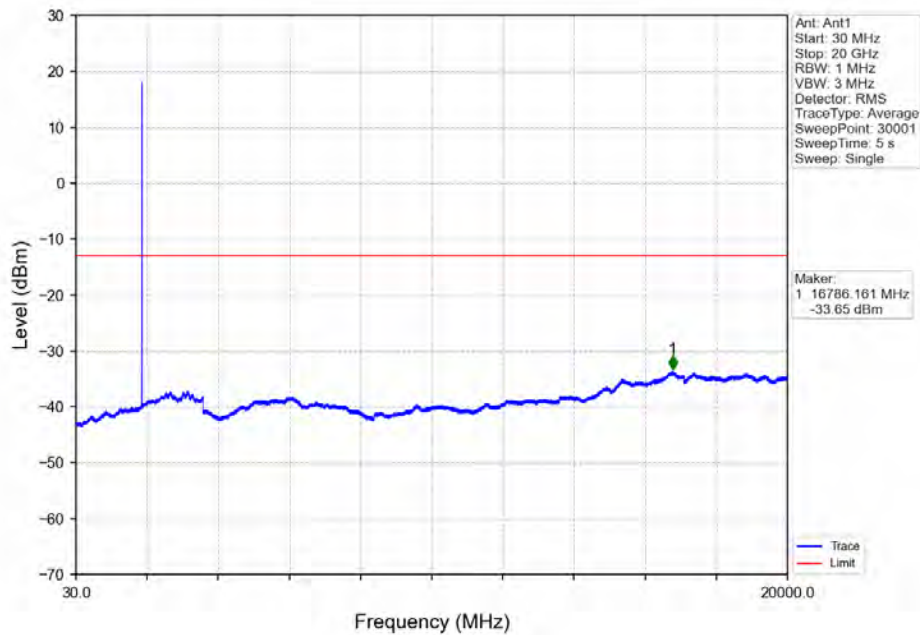


4.1.2. Test Graph

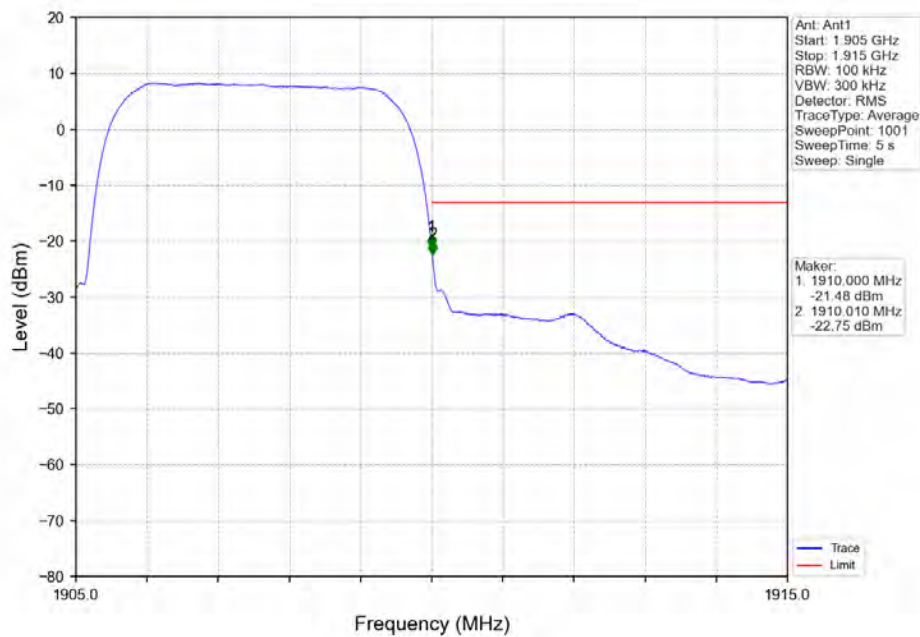




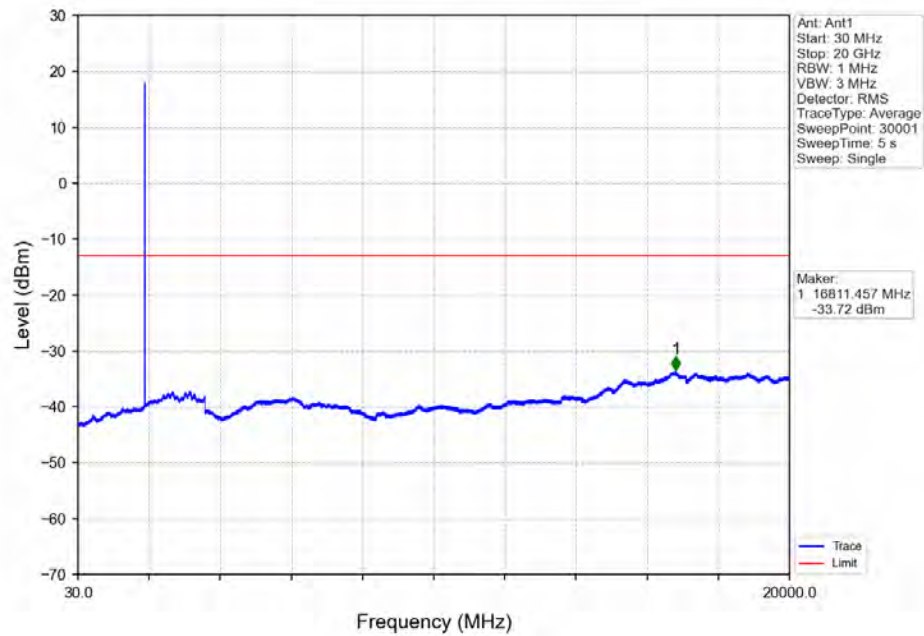
Band2 RMC MCH 1880MHz 12.2kbps RMC NTN



Band2 RMC HCH 1907.6MHz 12.2kbps RMC NTN



Band2 RMC HCH 1907.6MHz 12.2kbps RMC NTN





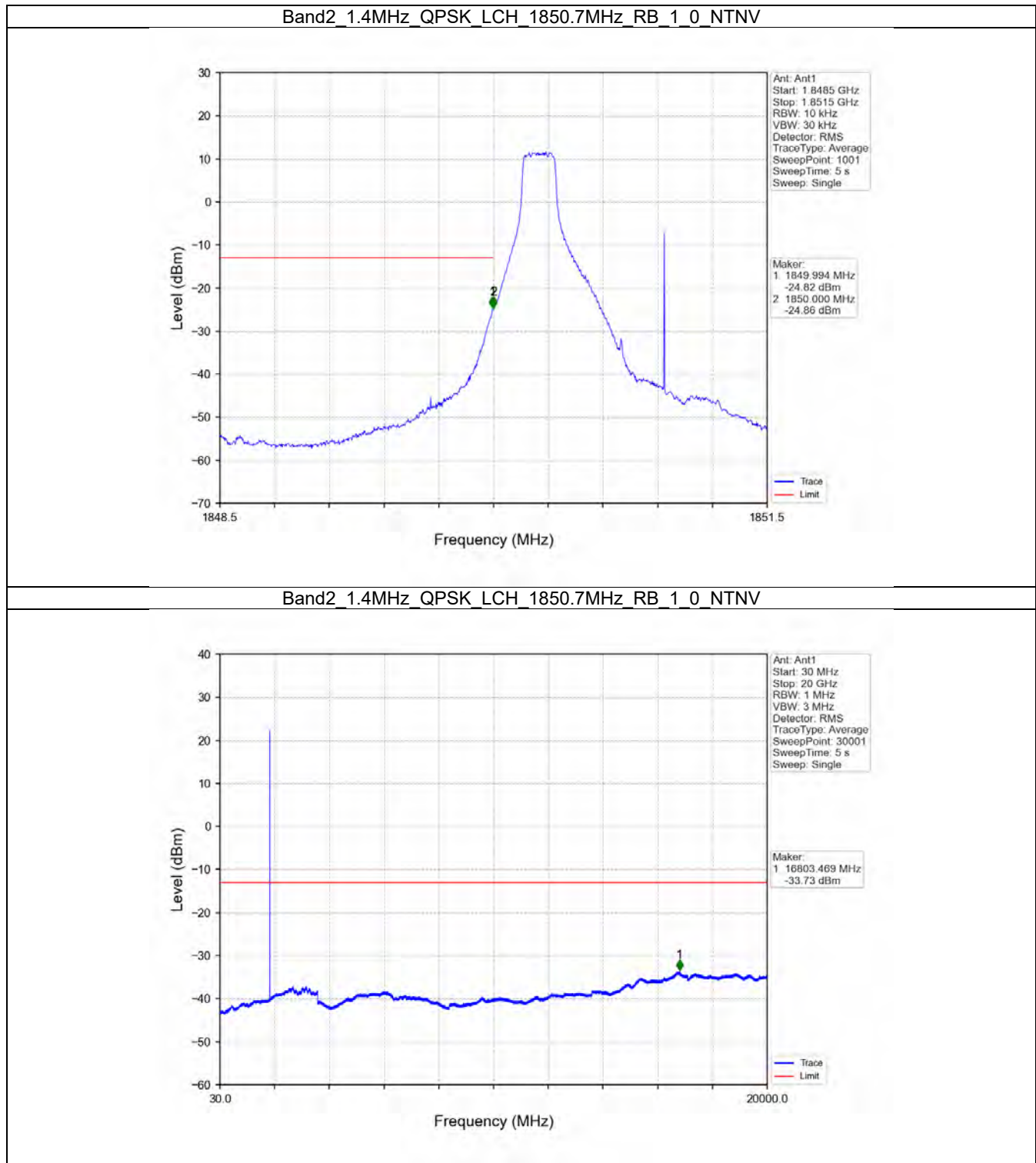
4.2. LTE_B2_1.4MHz

4.2.1. Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1850.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1909.3	1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	1850.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1909.3	1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

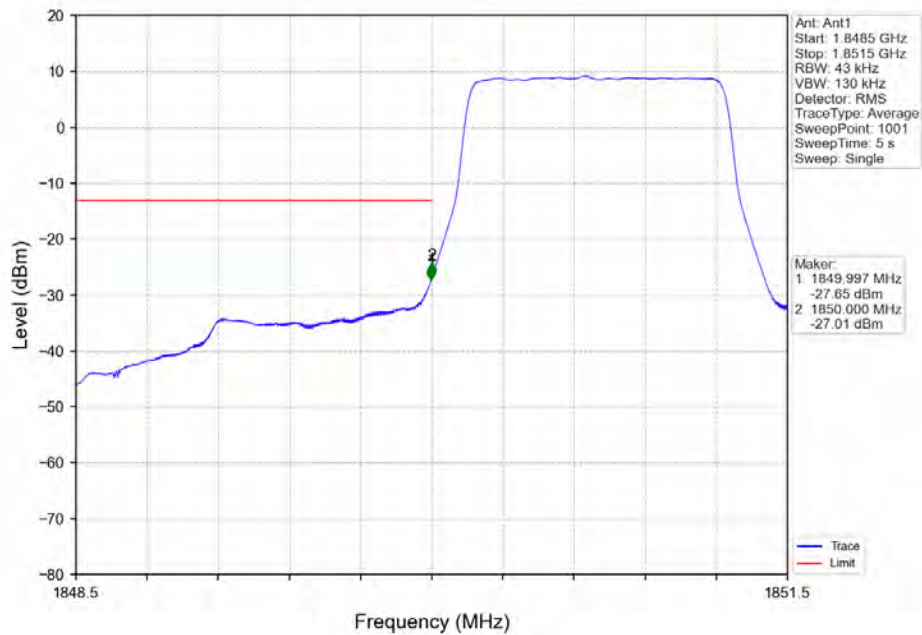


4.2.2. Test Graph

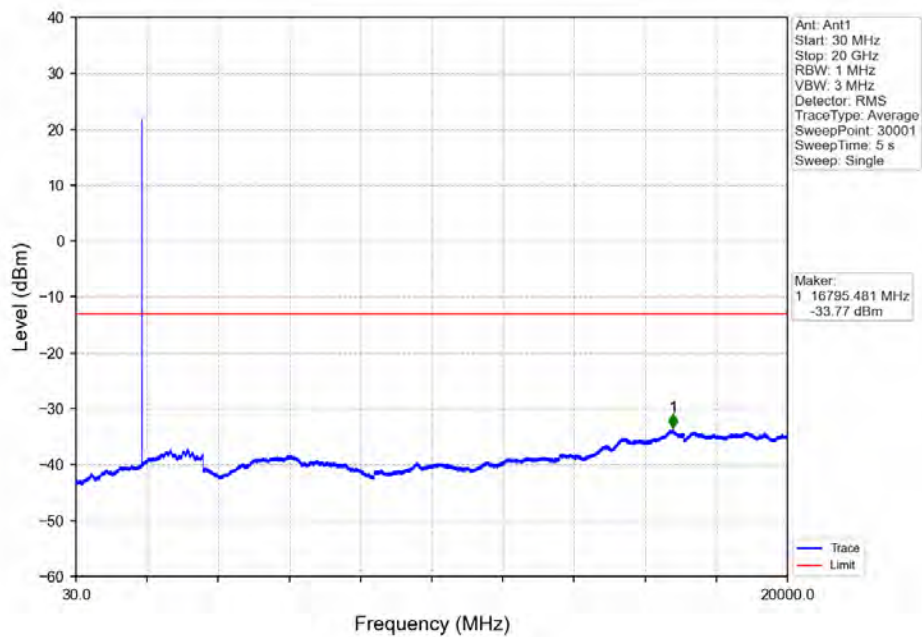




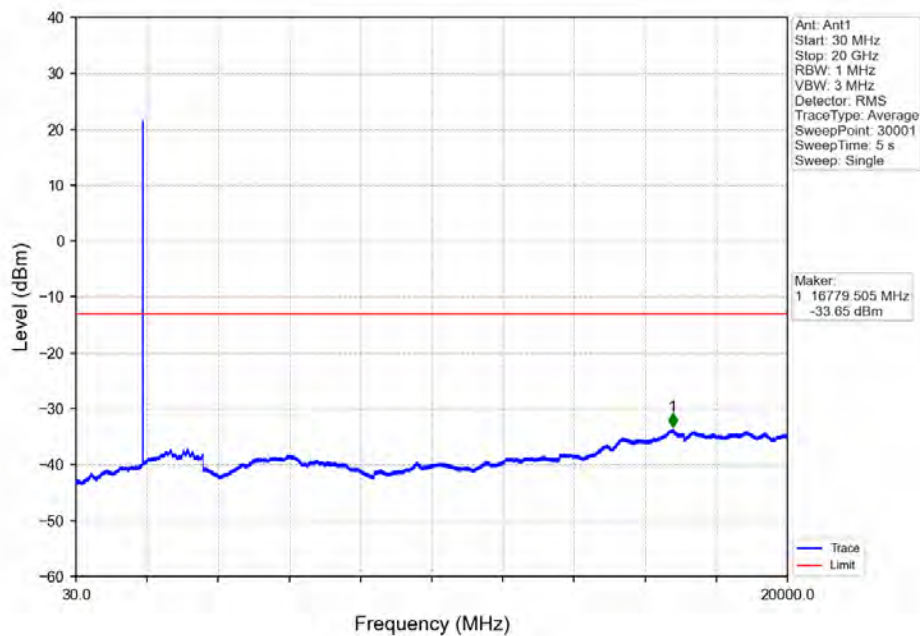
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV



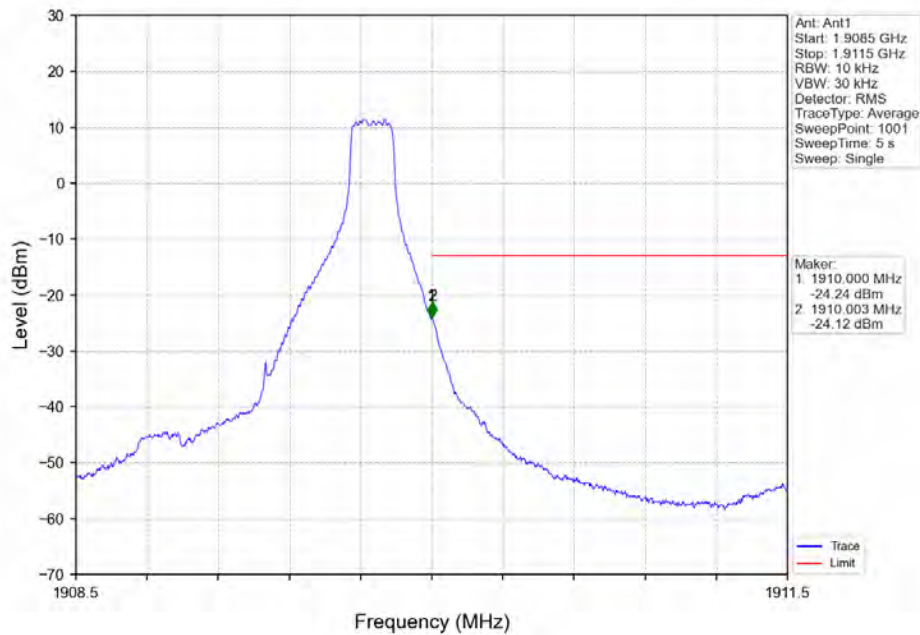
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



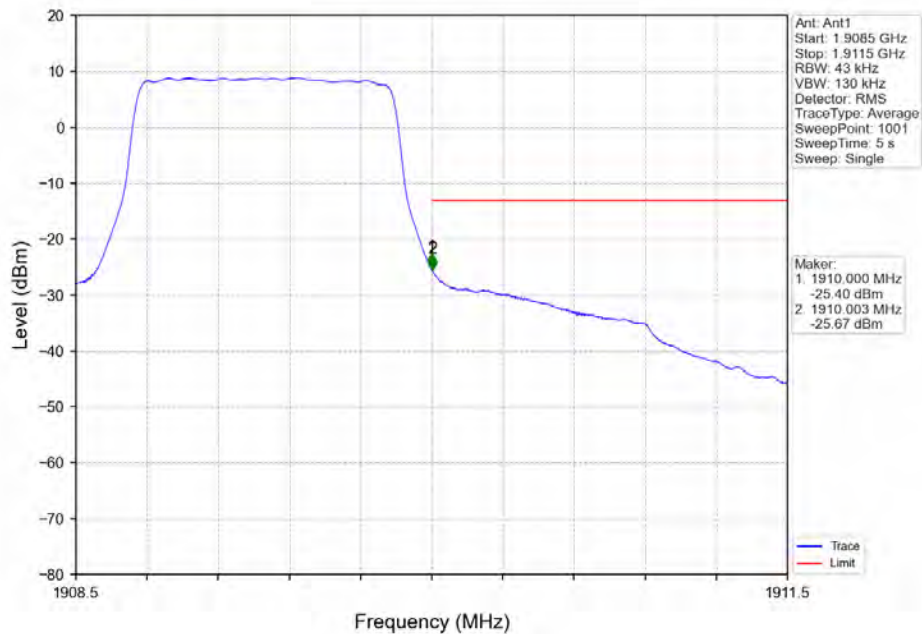
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTNV



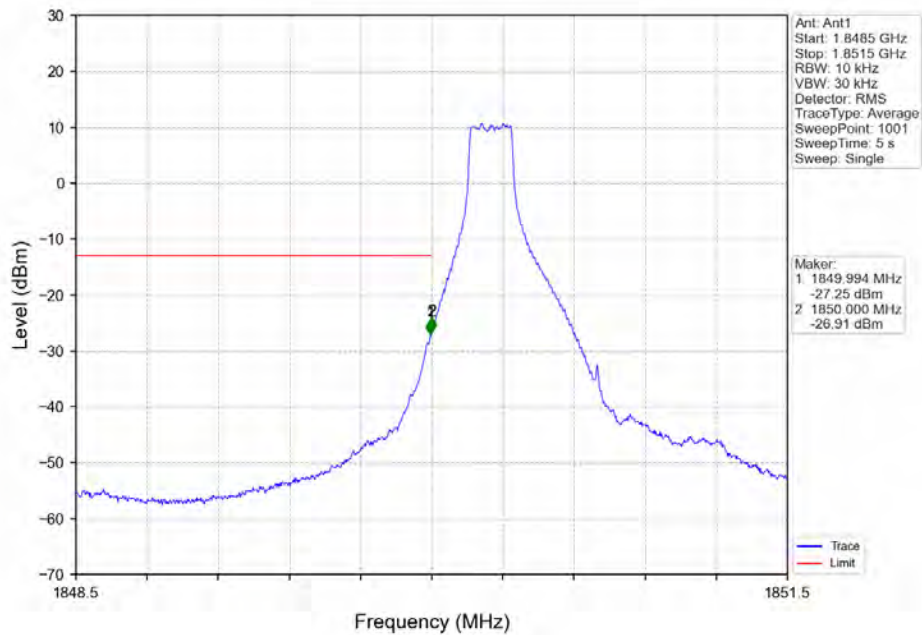
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



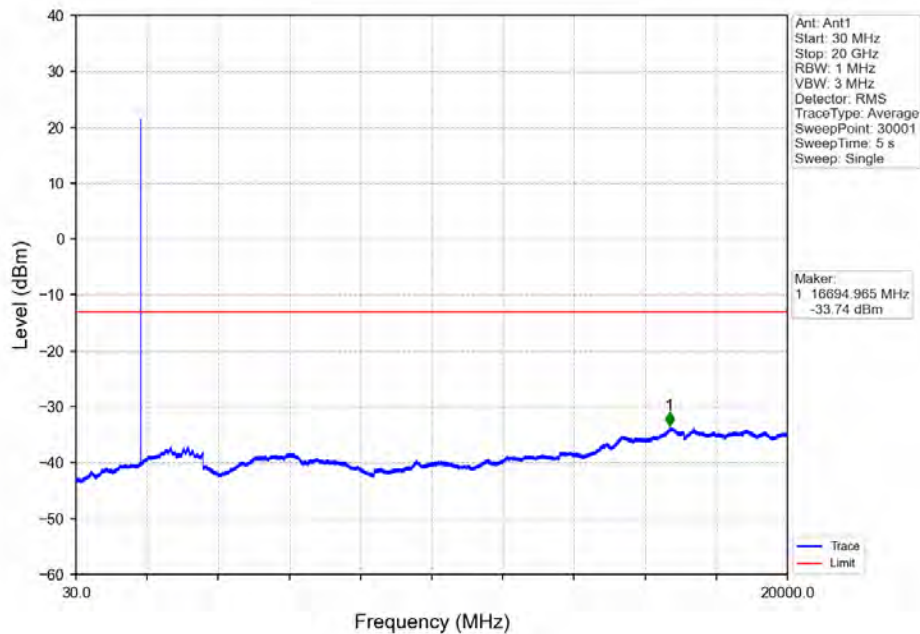
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



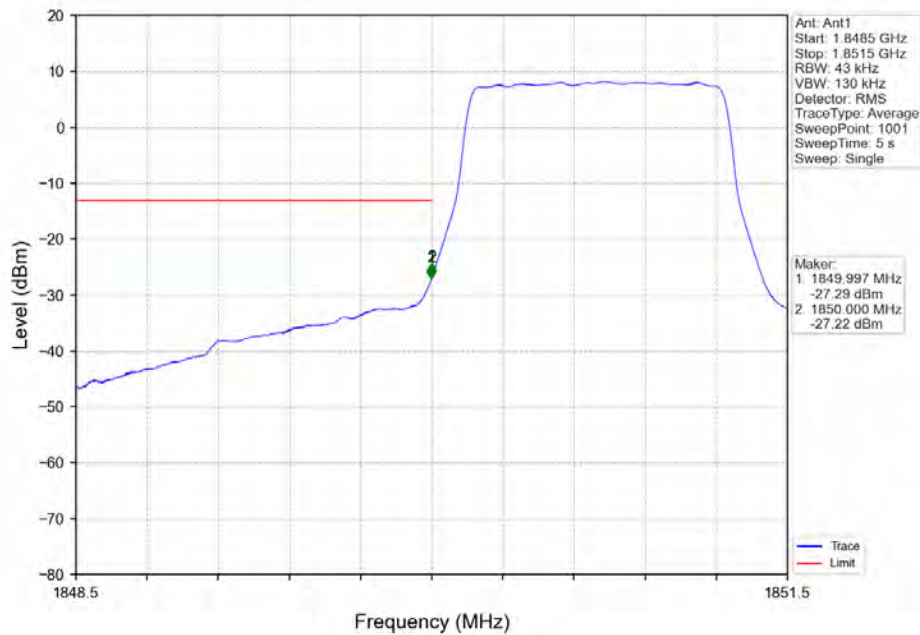
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



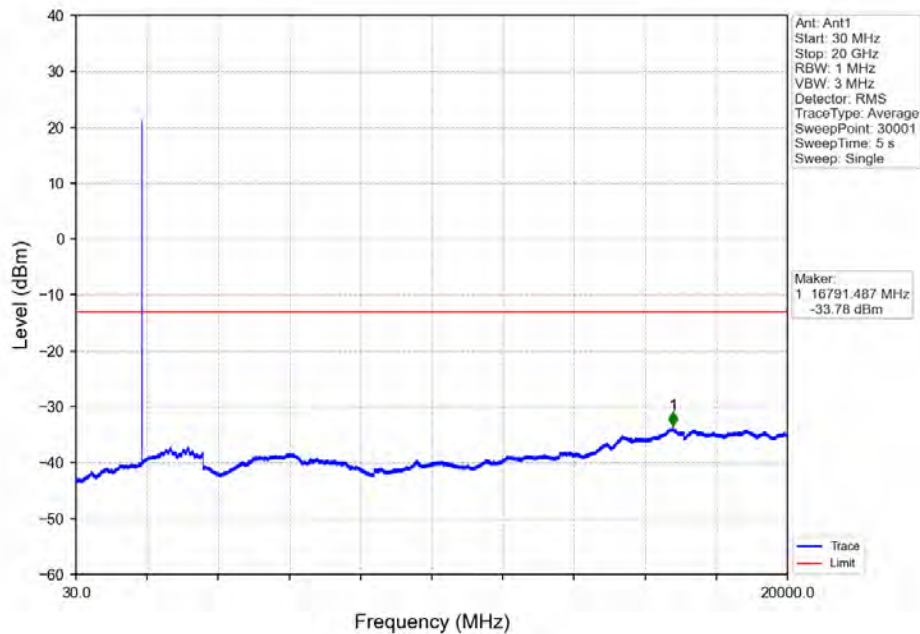
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



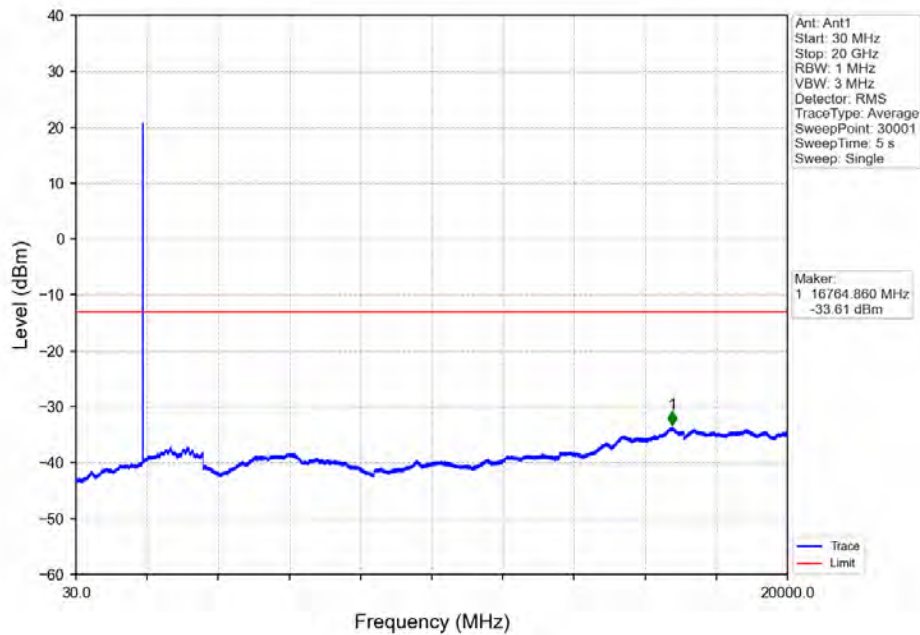
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



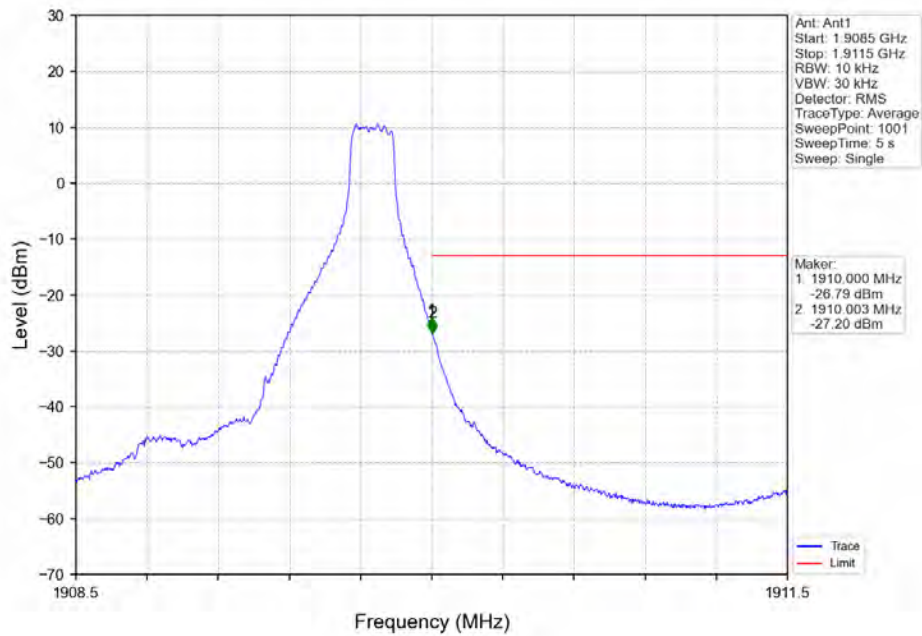
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



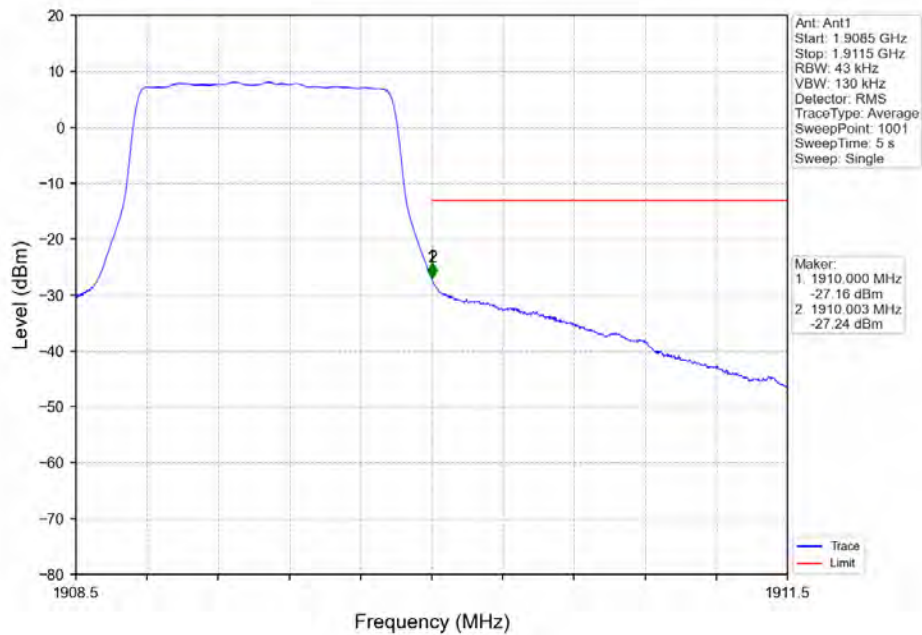
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV





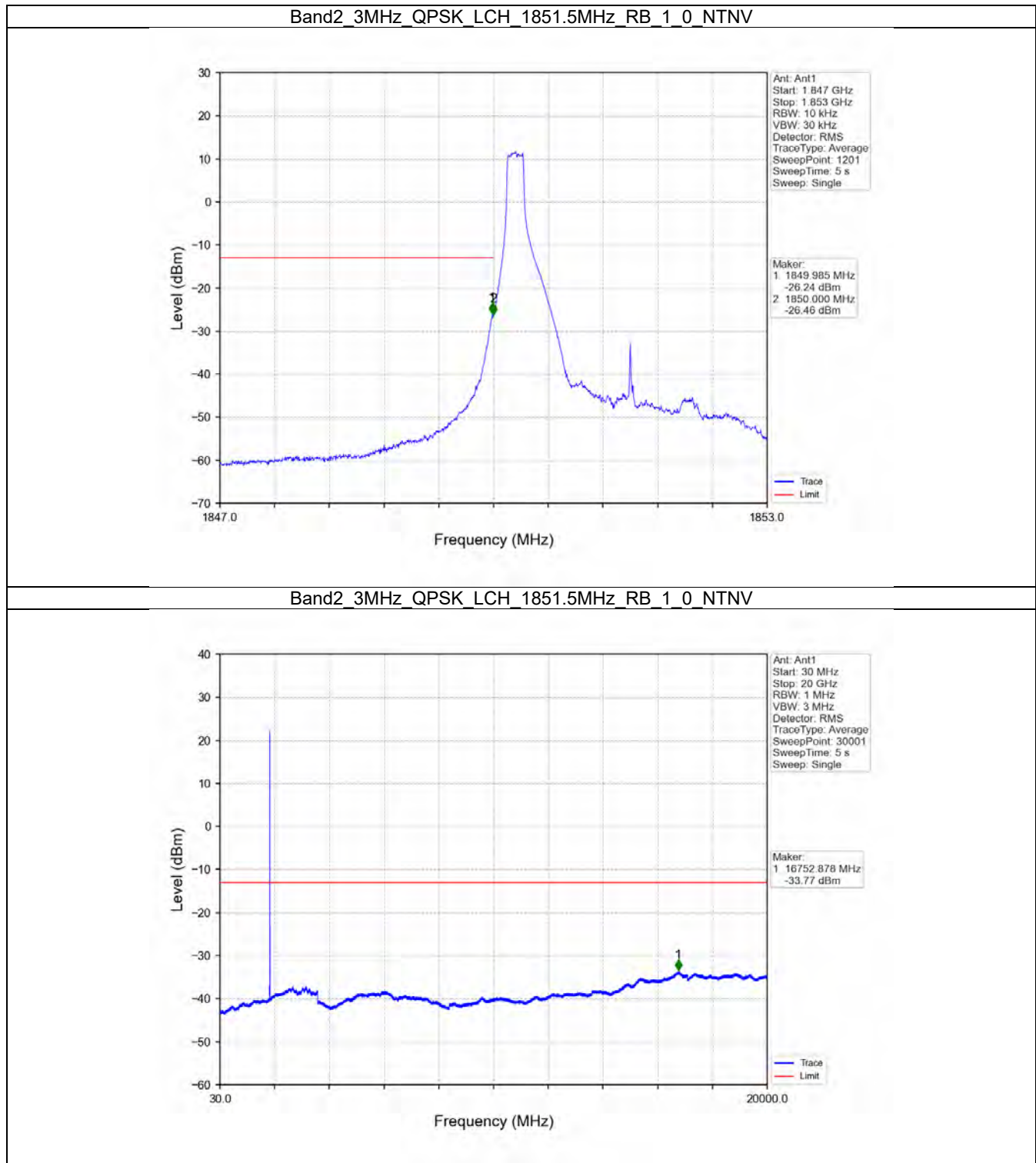
4.3. LTE_B2_3MHz

4.3.1. Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

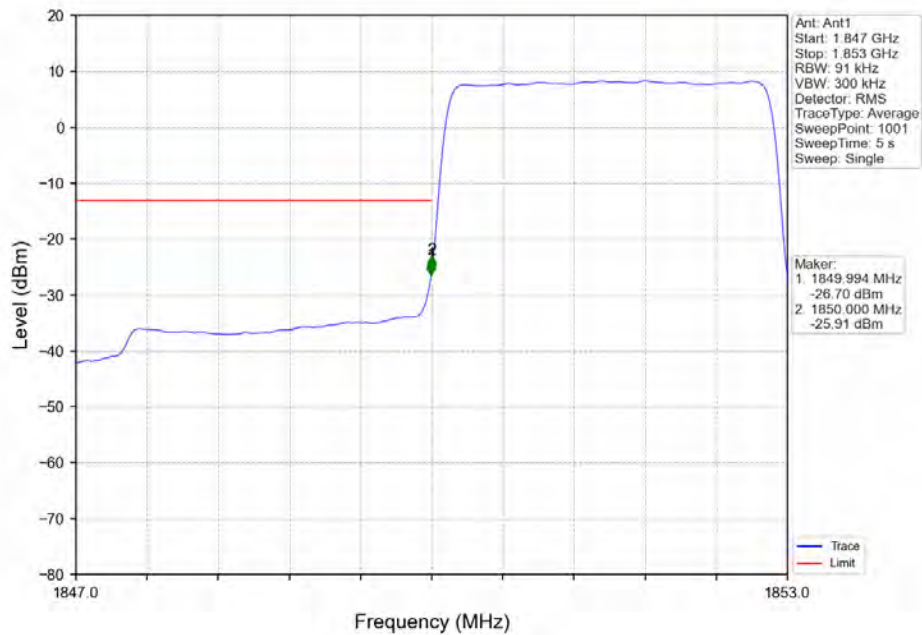


4.3.2. Test Graph

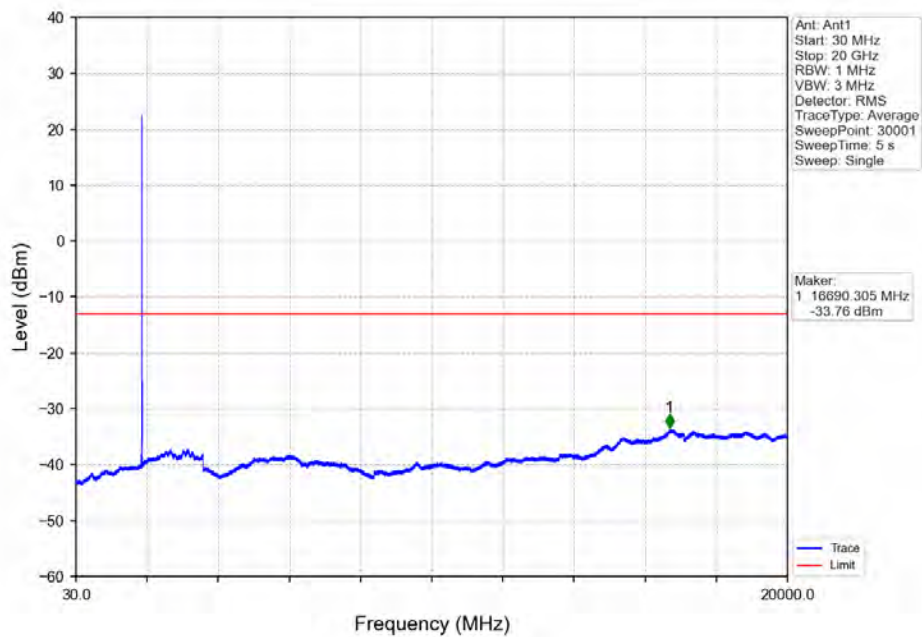




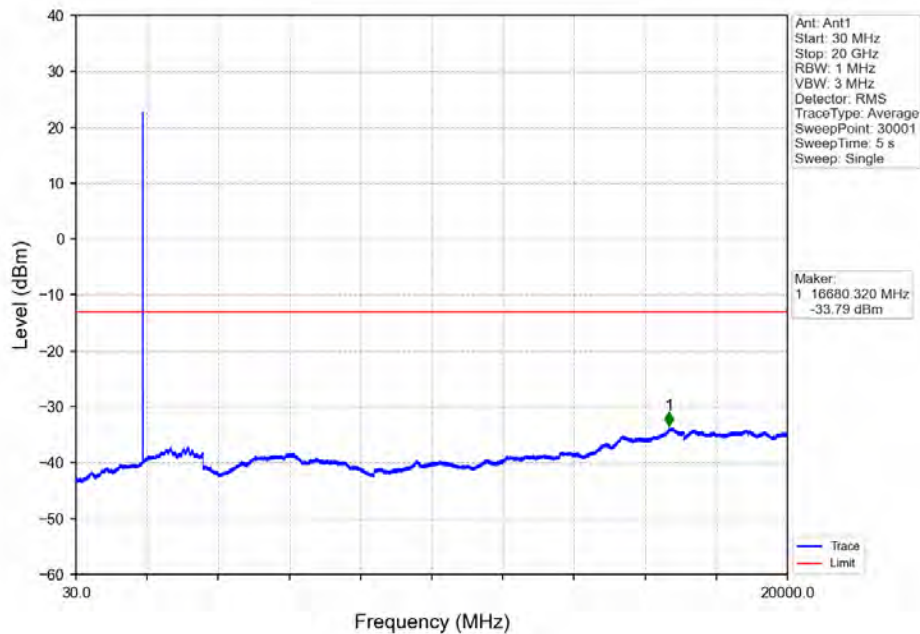
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



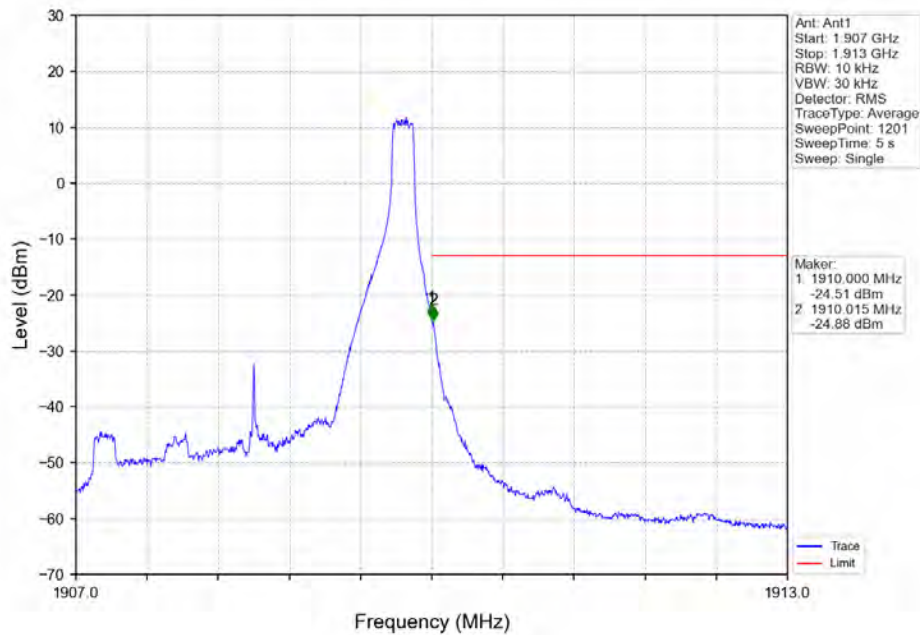
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



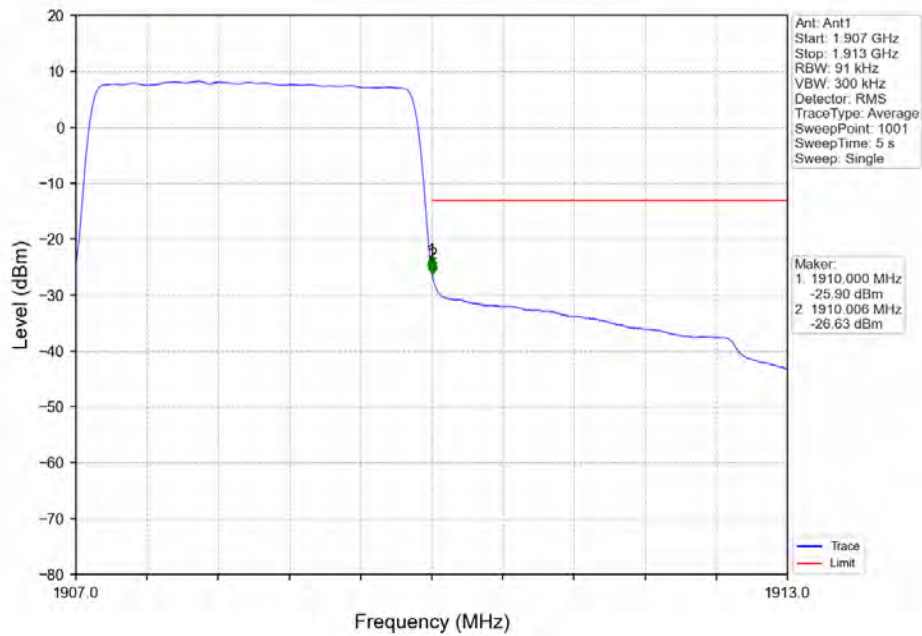
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTNV



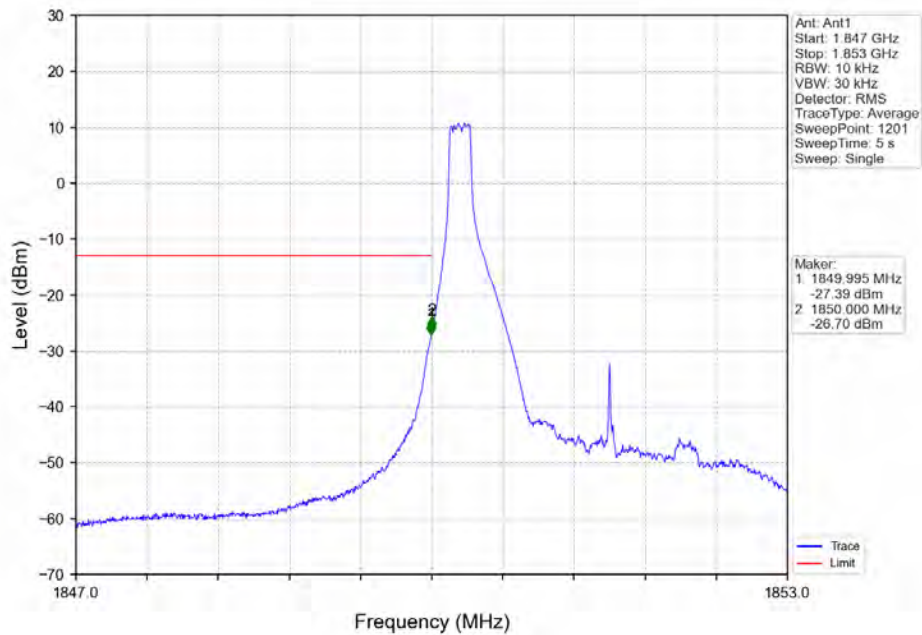
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



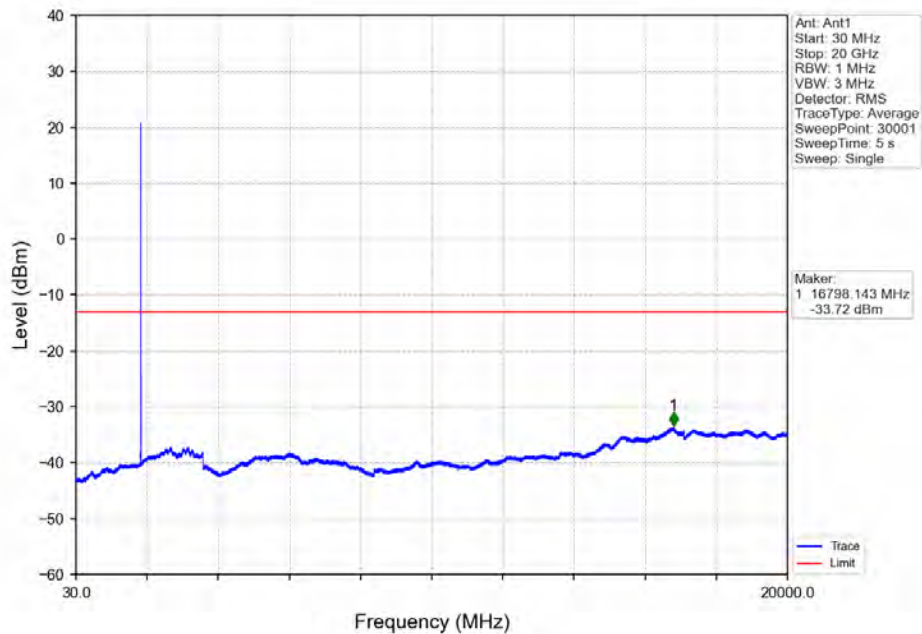
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



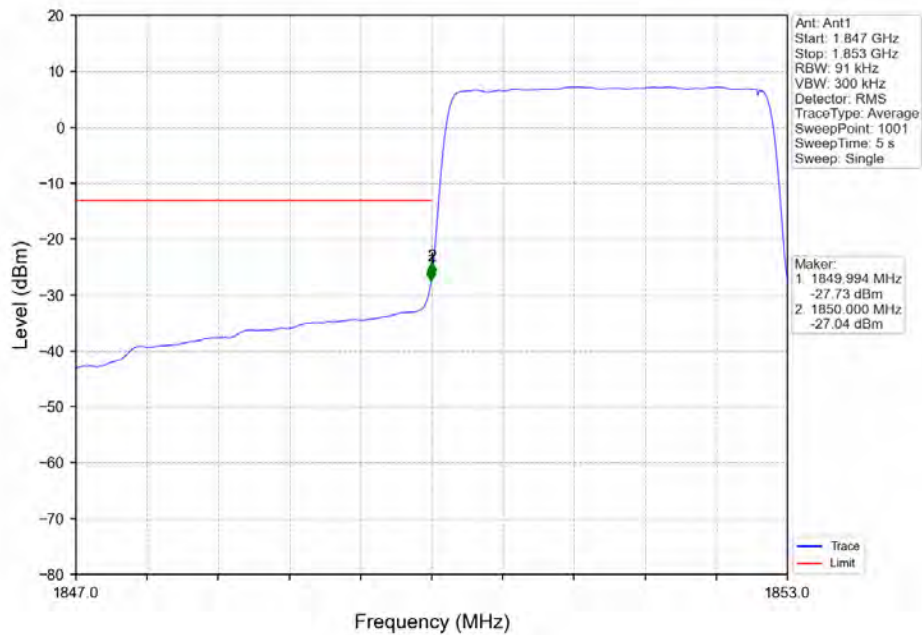
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



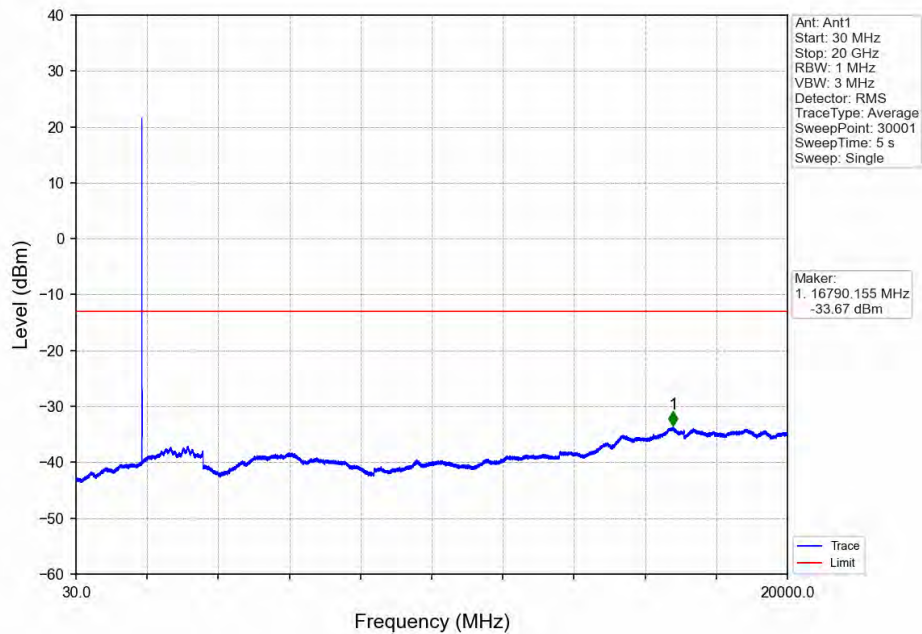
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



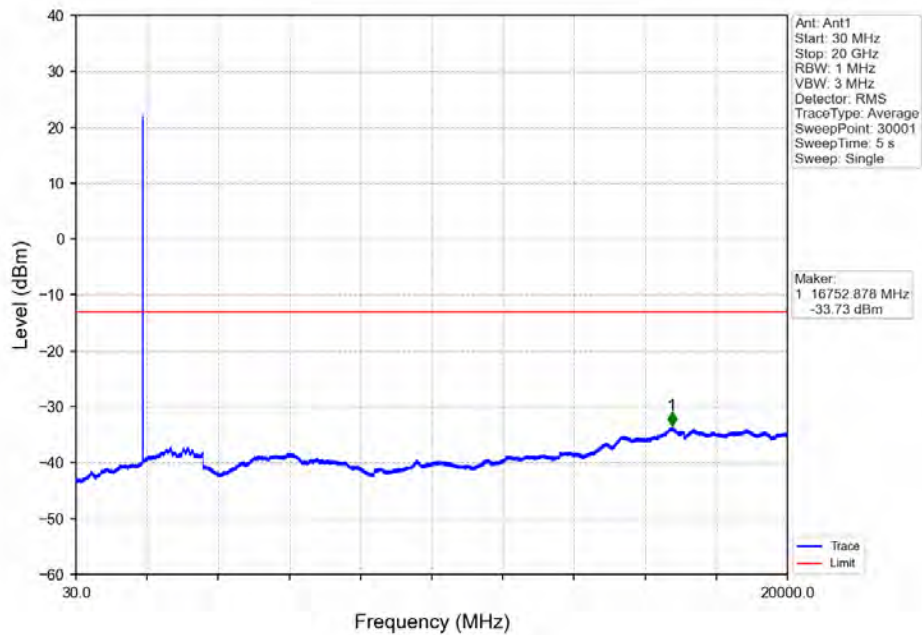
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



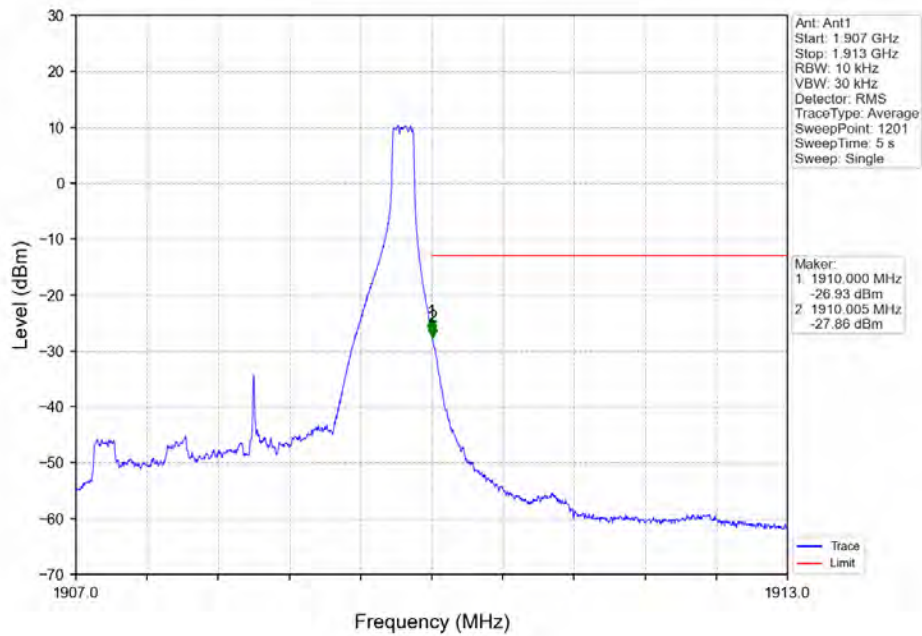
Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



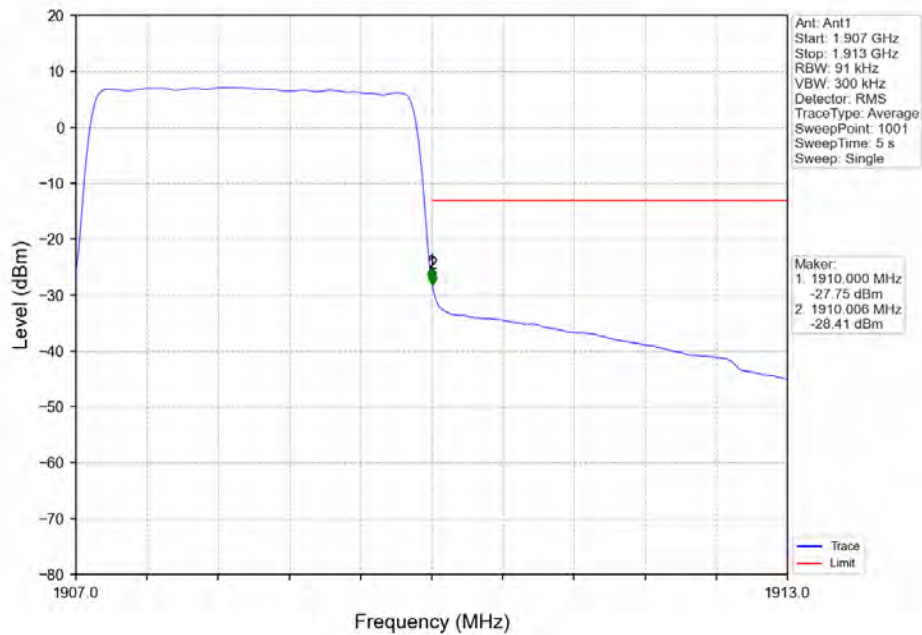
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_14_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV





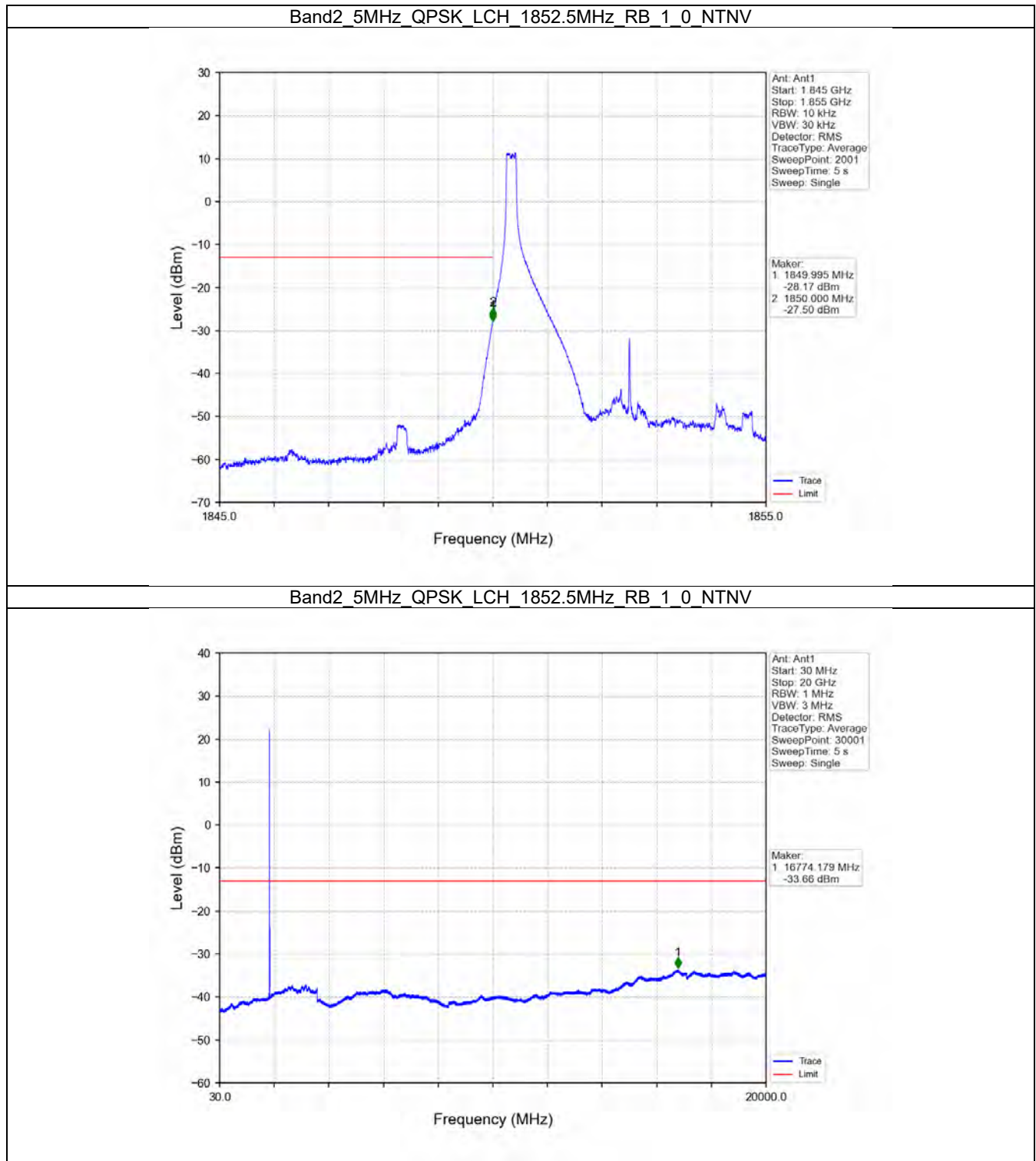
LTE_B2_5MHz

4.3.3. Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

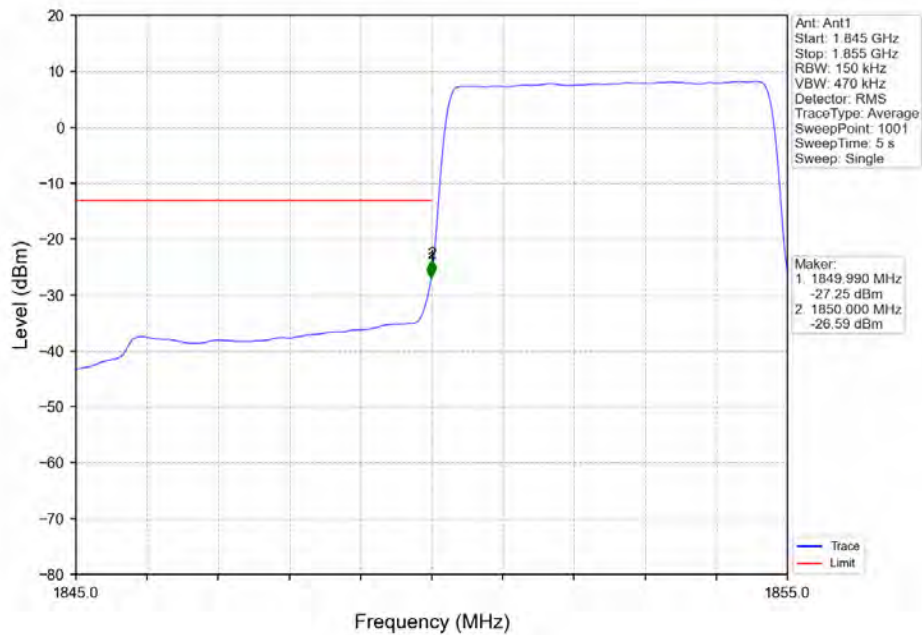


4.3.4. Test Graph

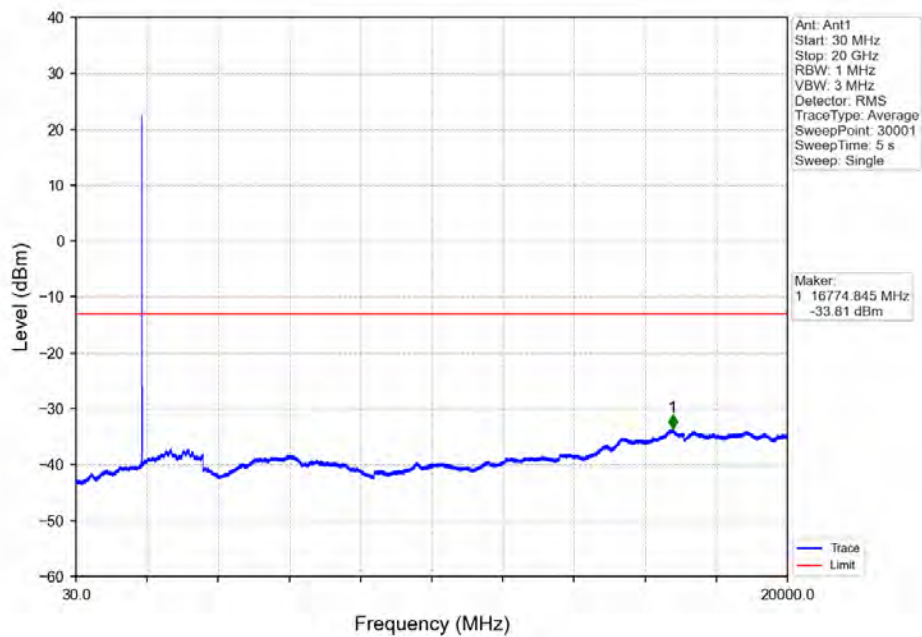




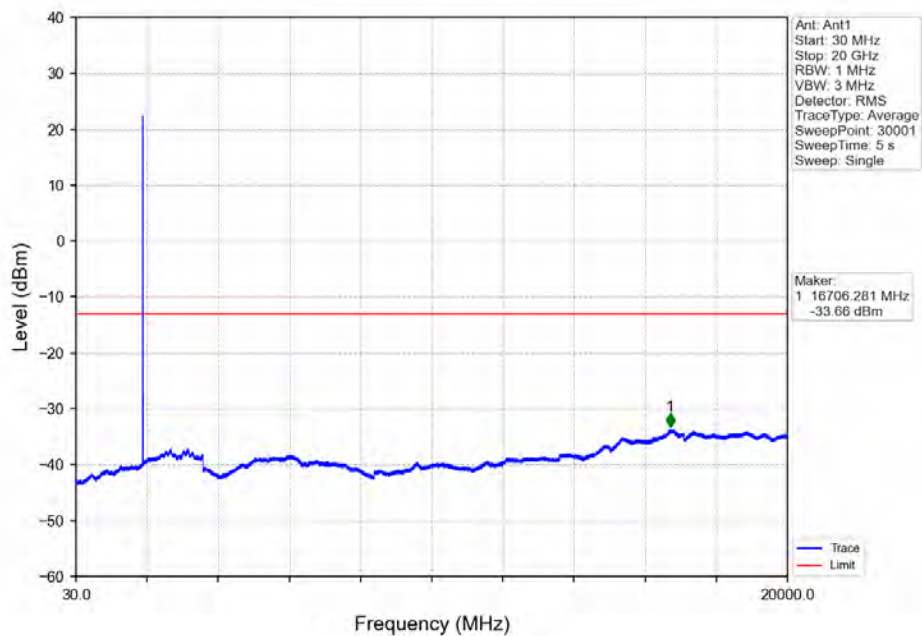
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



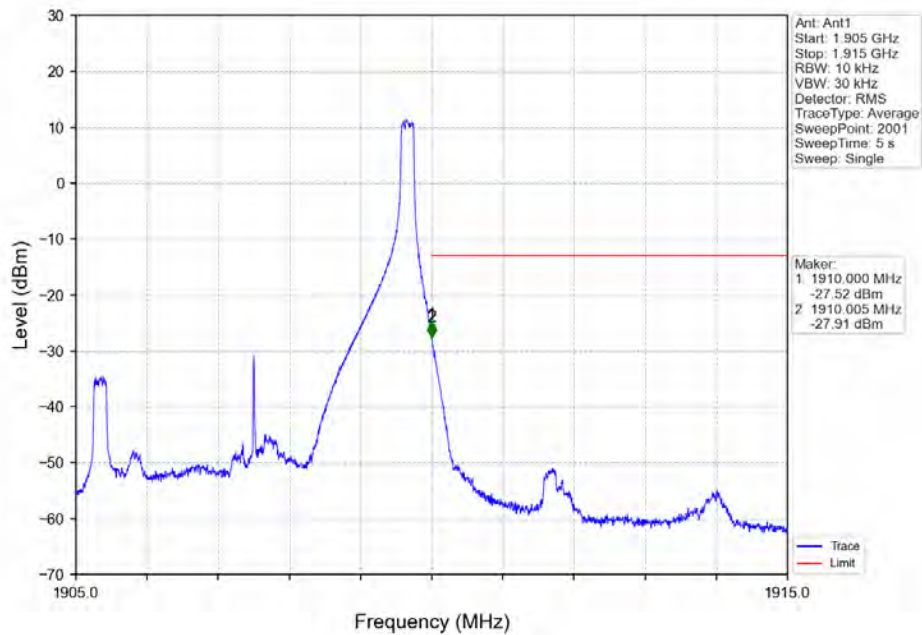
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTNV



Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV

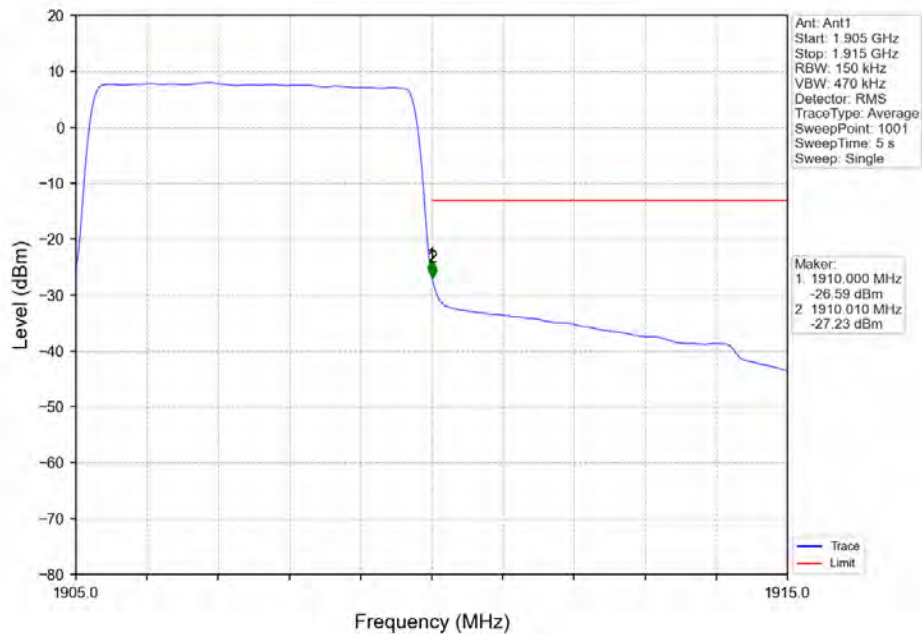


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

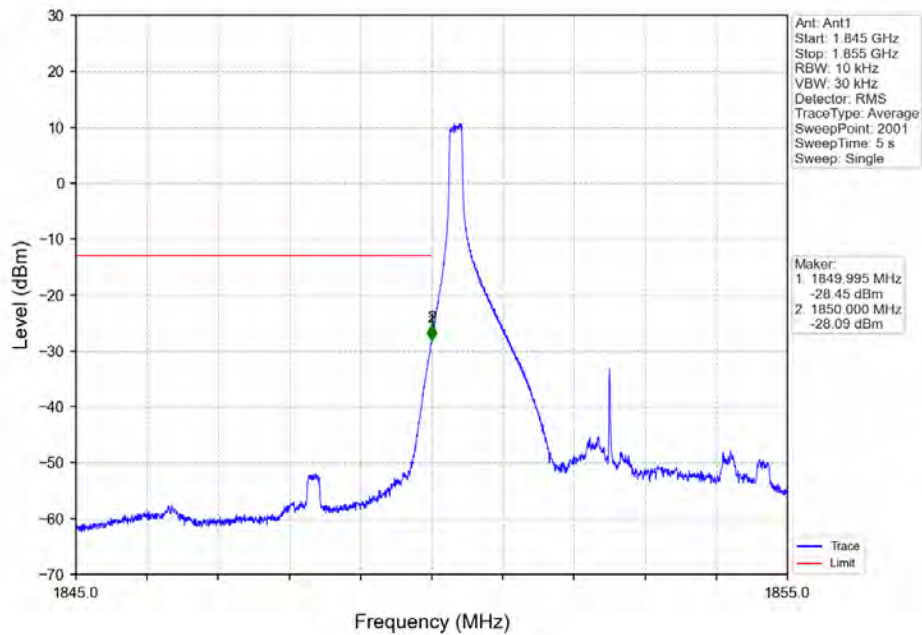


BUREAU
VERITAS

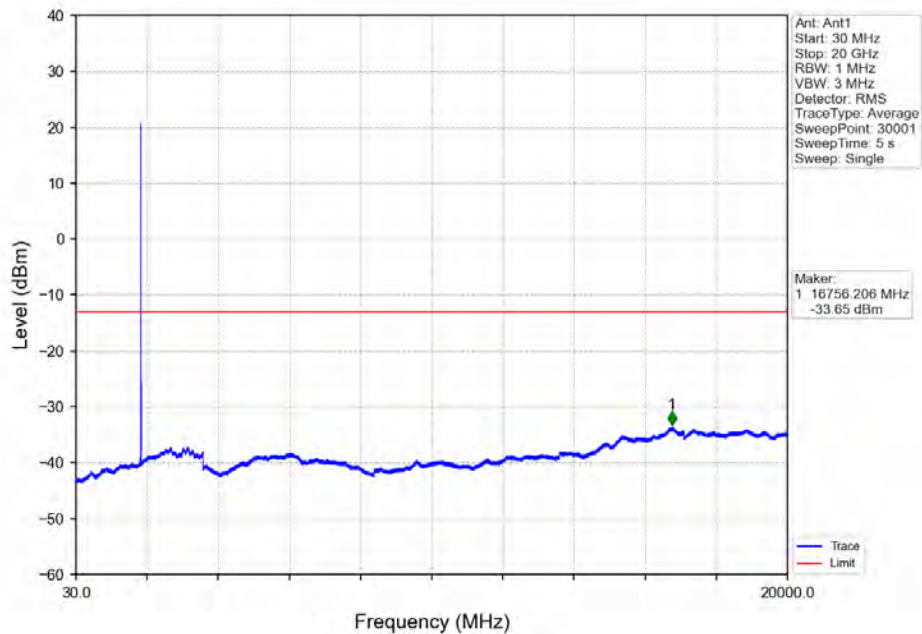
Test Report No.: W7L-P24050005RF05



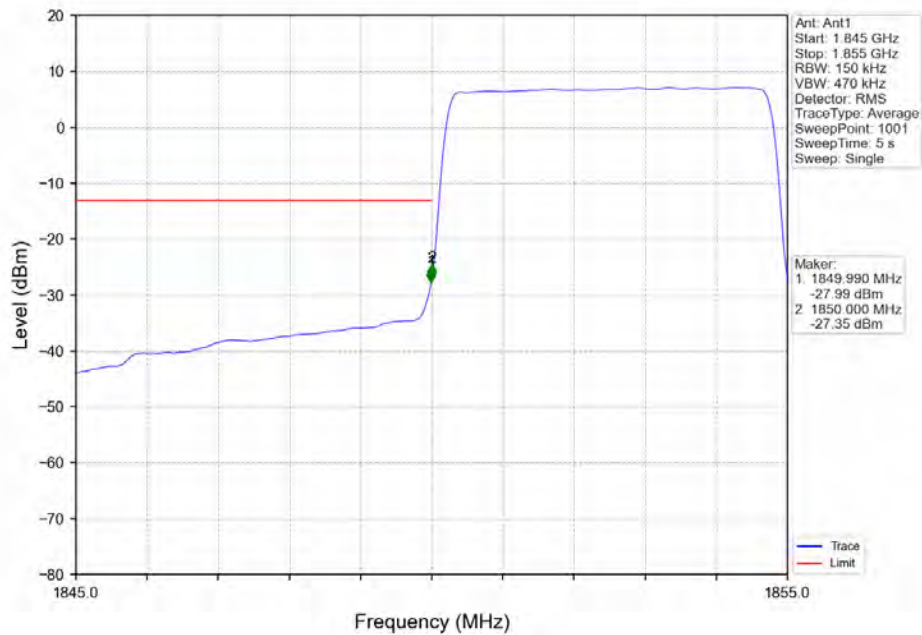
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



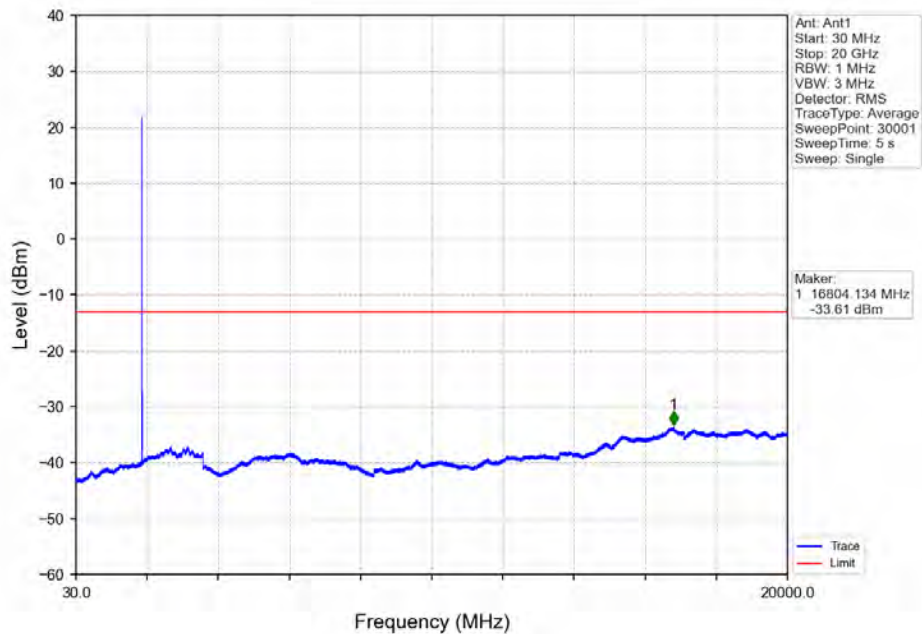
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



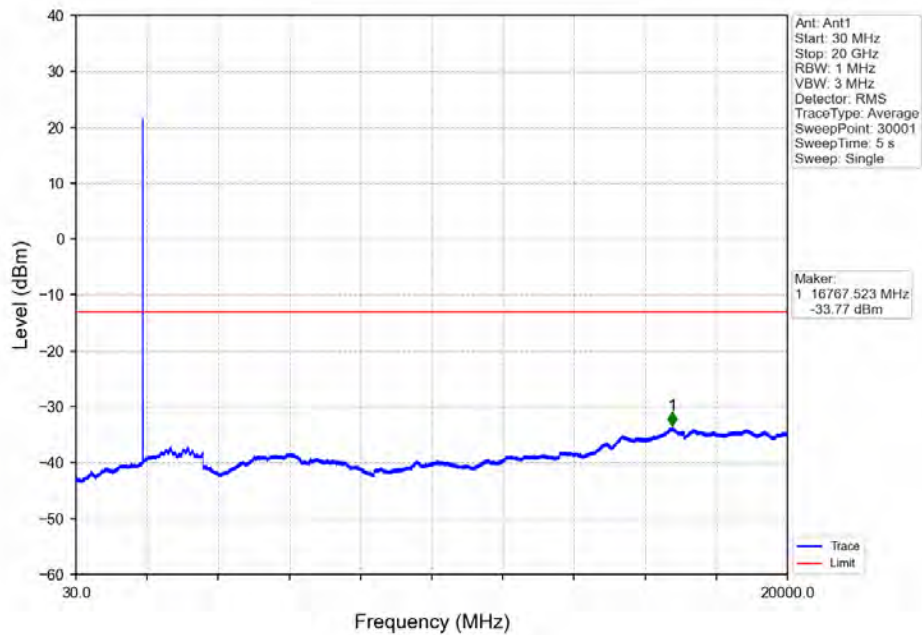
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



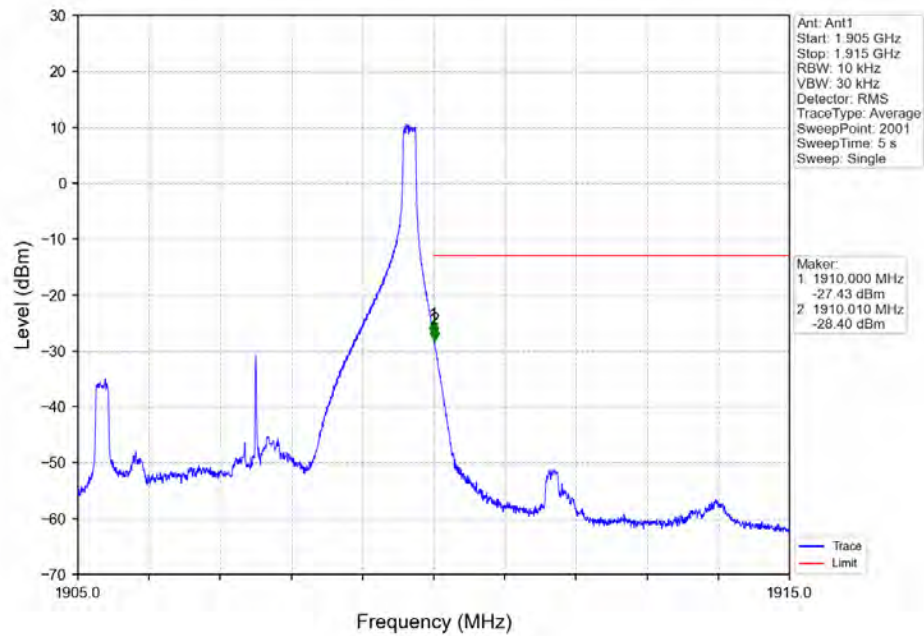
Band2_5MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



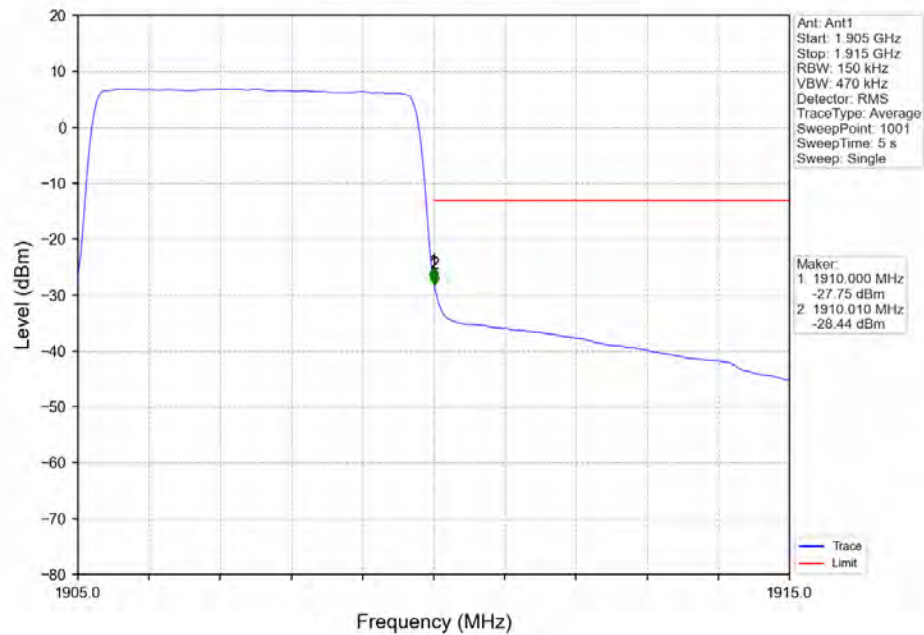
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_24_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV





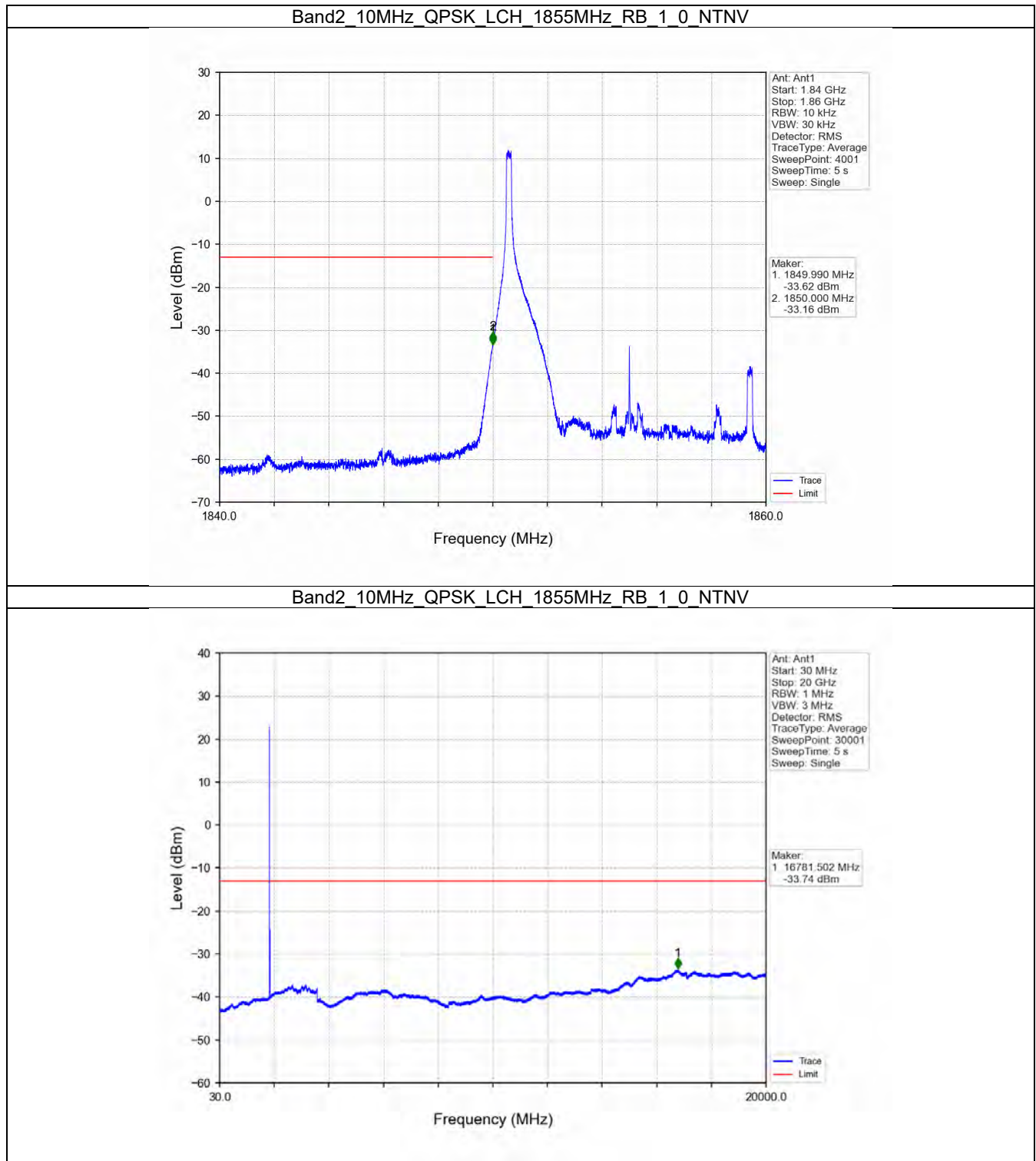
4.4. LTE_B2_10MHz

4.4.1. Test Result

Band: 2 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1855	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1905	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	1855	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1905	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

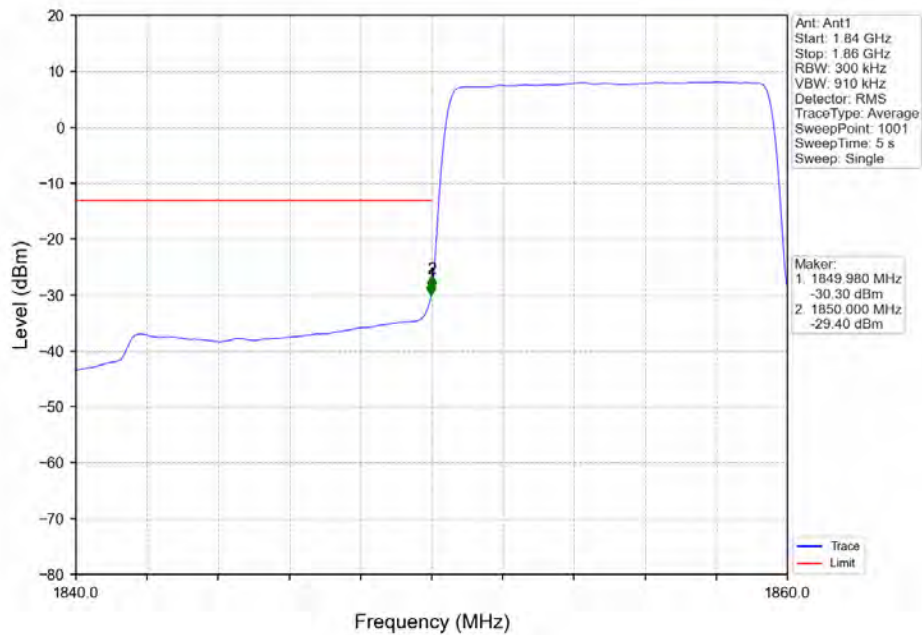


4.4.2. Test Graph

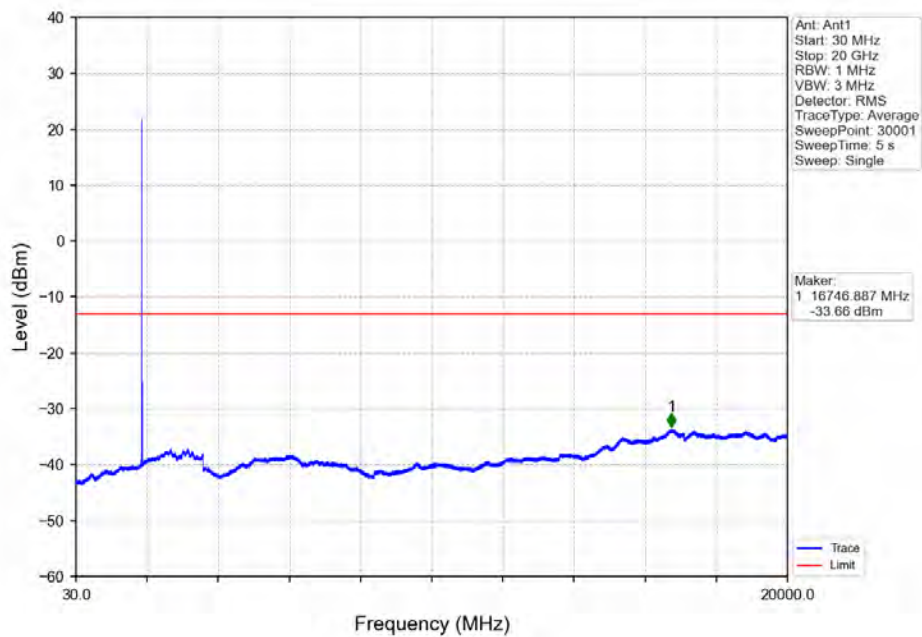




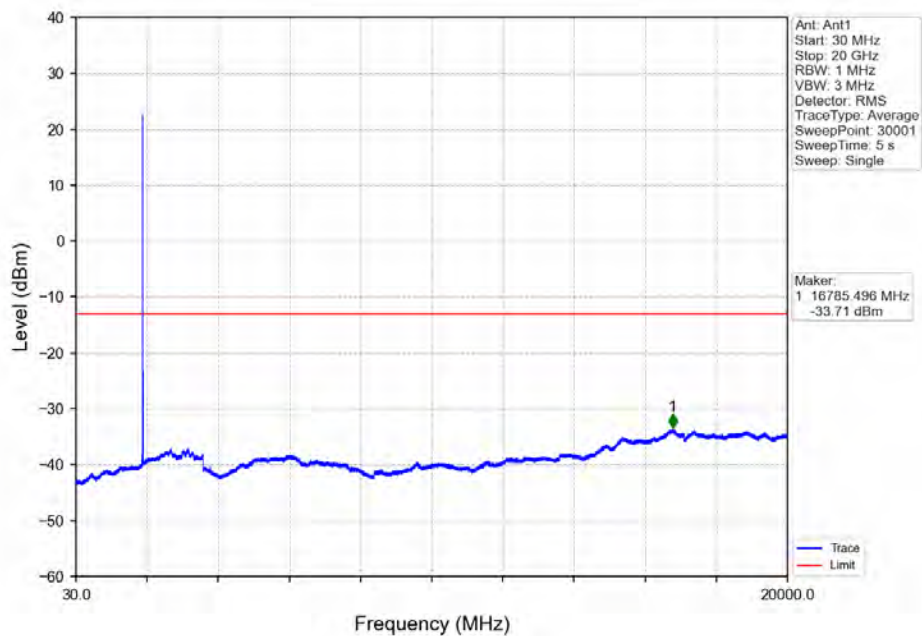
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



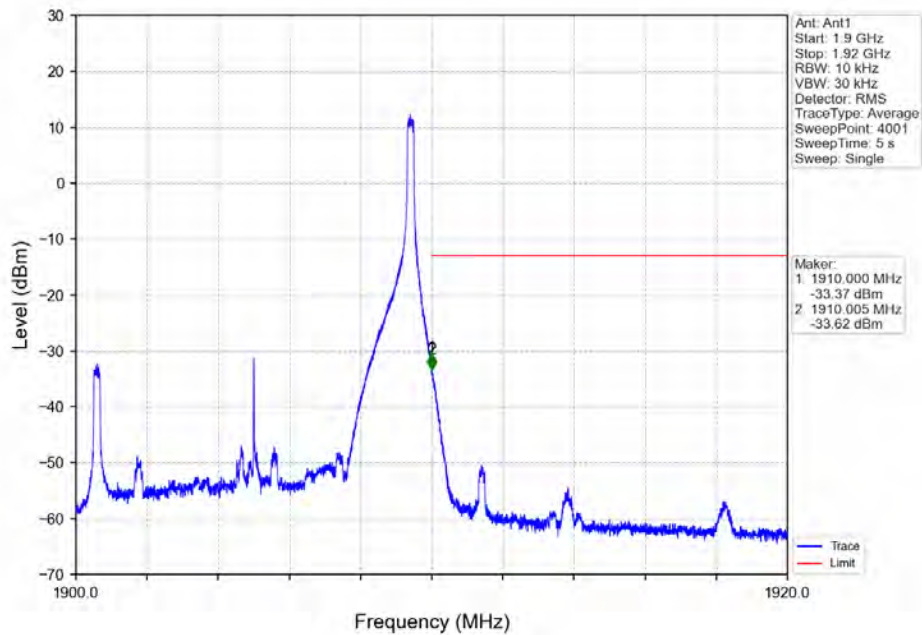
Band2 10MHz QPSK MCH 1880MHz RB 1 0 NTN



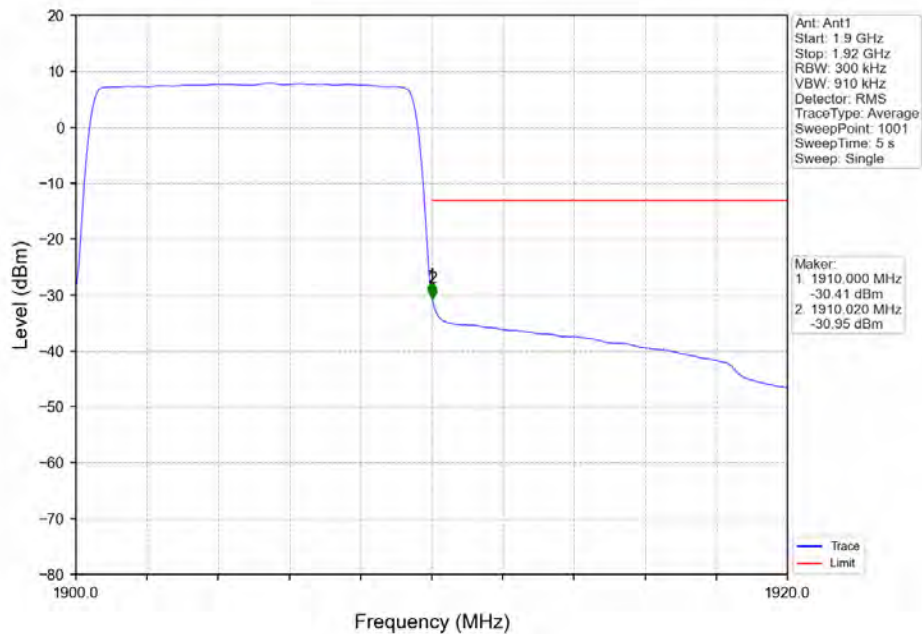
Band2 10MHz QPSK HCH 1905MHz RB 1 0 NTN



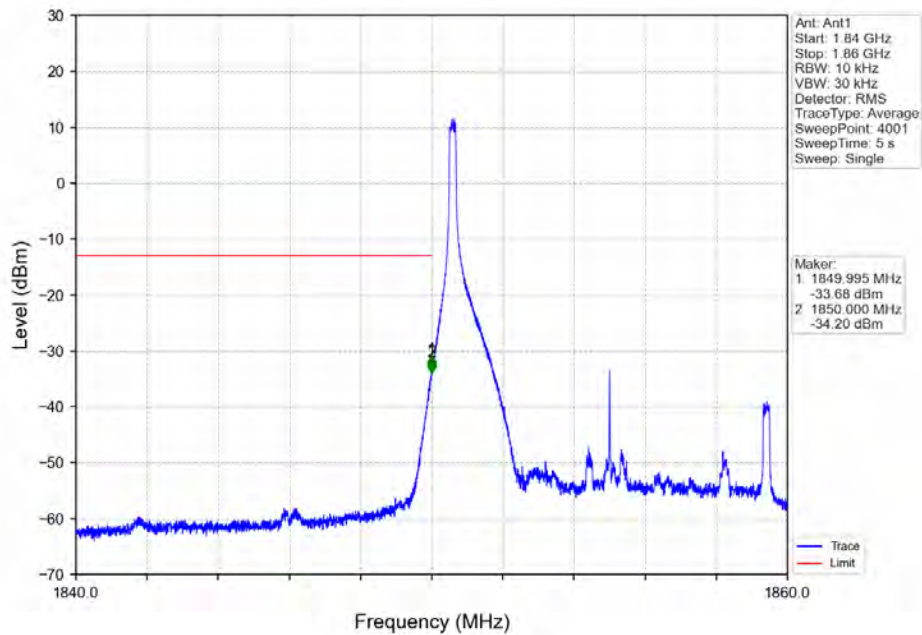
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



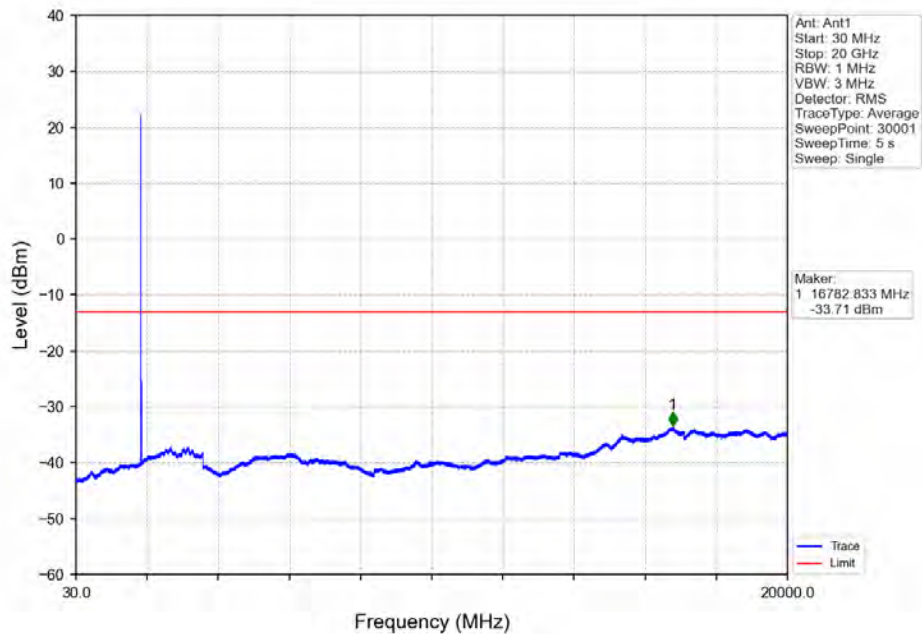
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



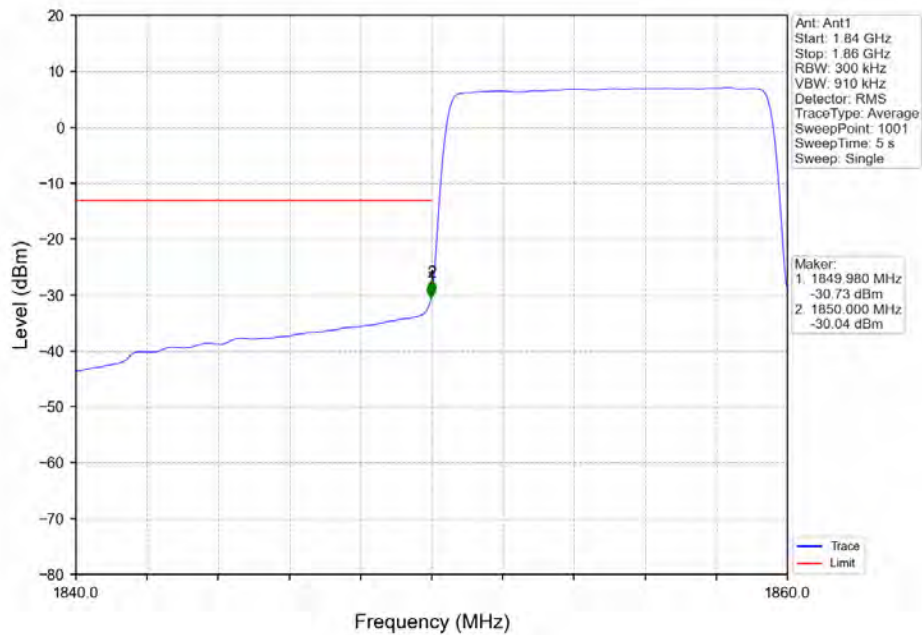
Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



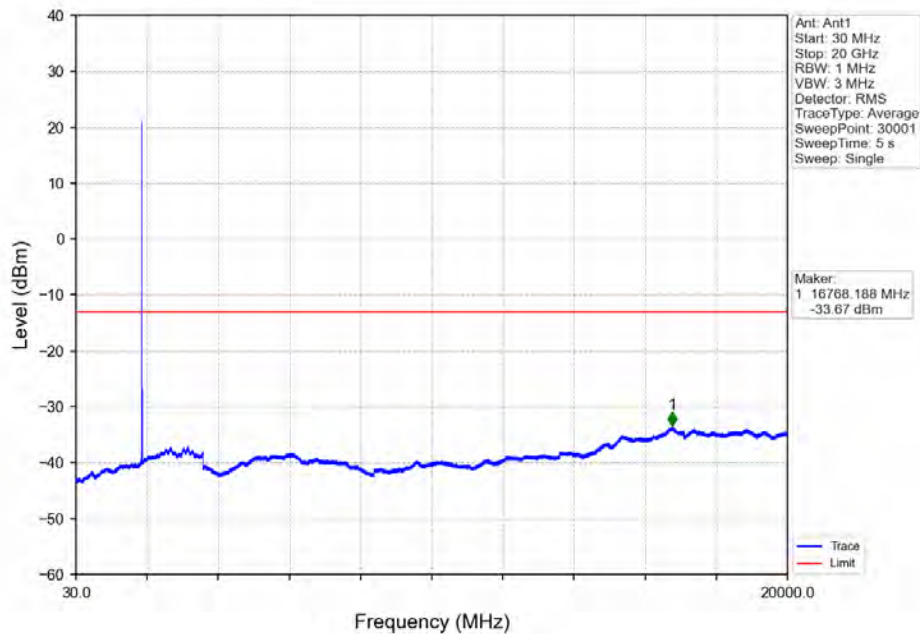
Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



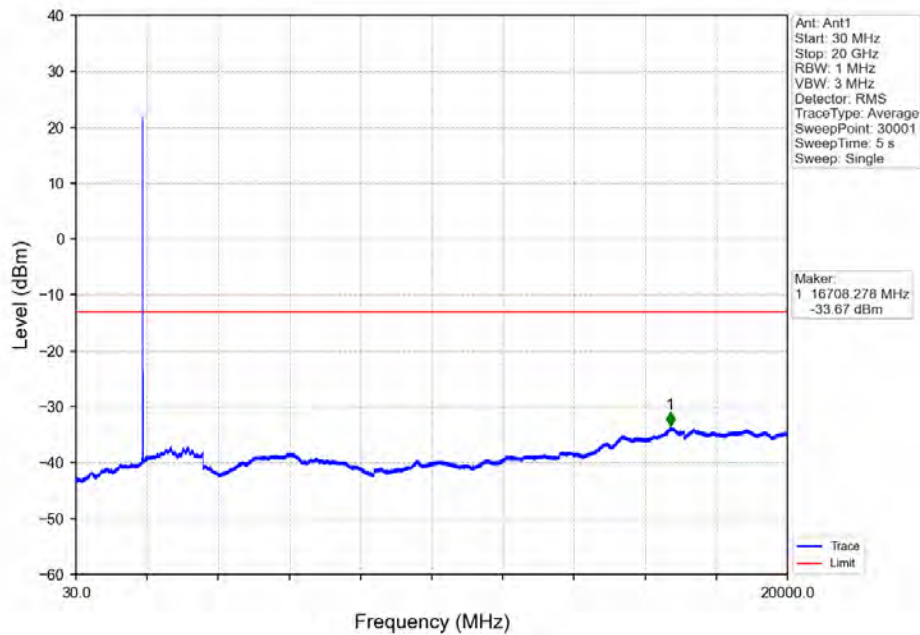
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



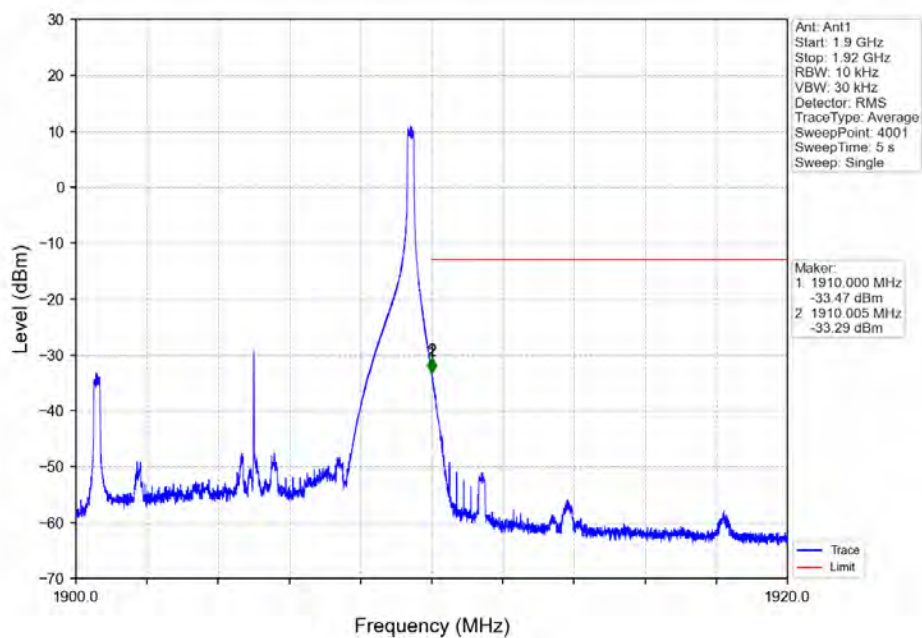
Band2_10MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



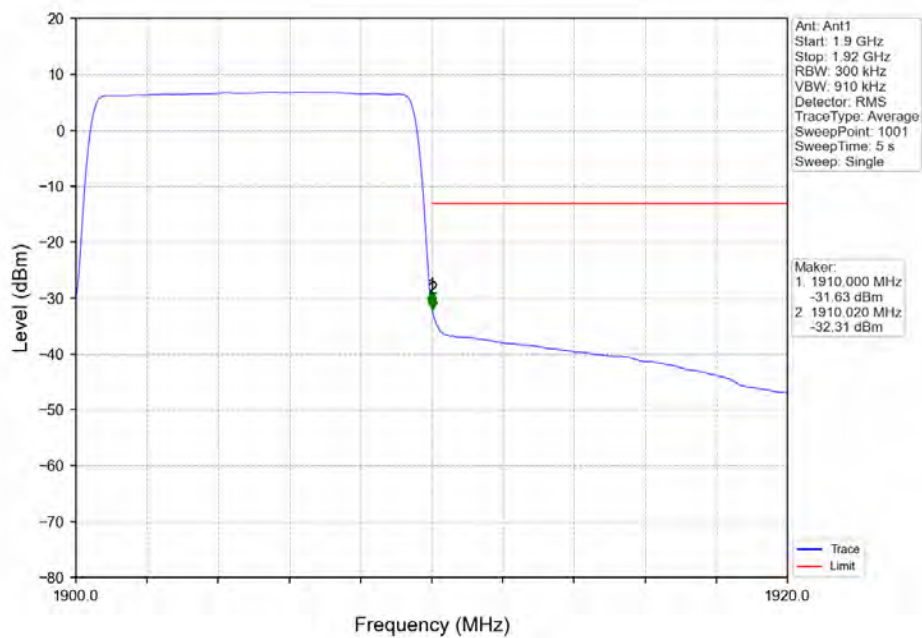
Band2_10MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_1_49_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV





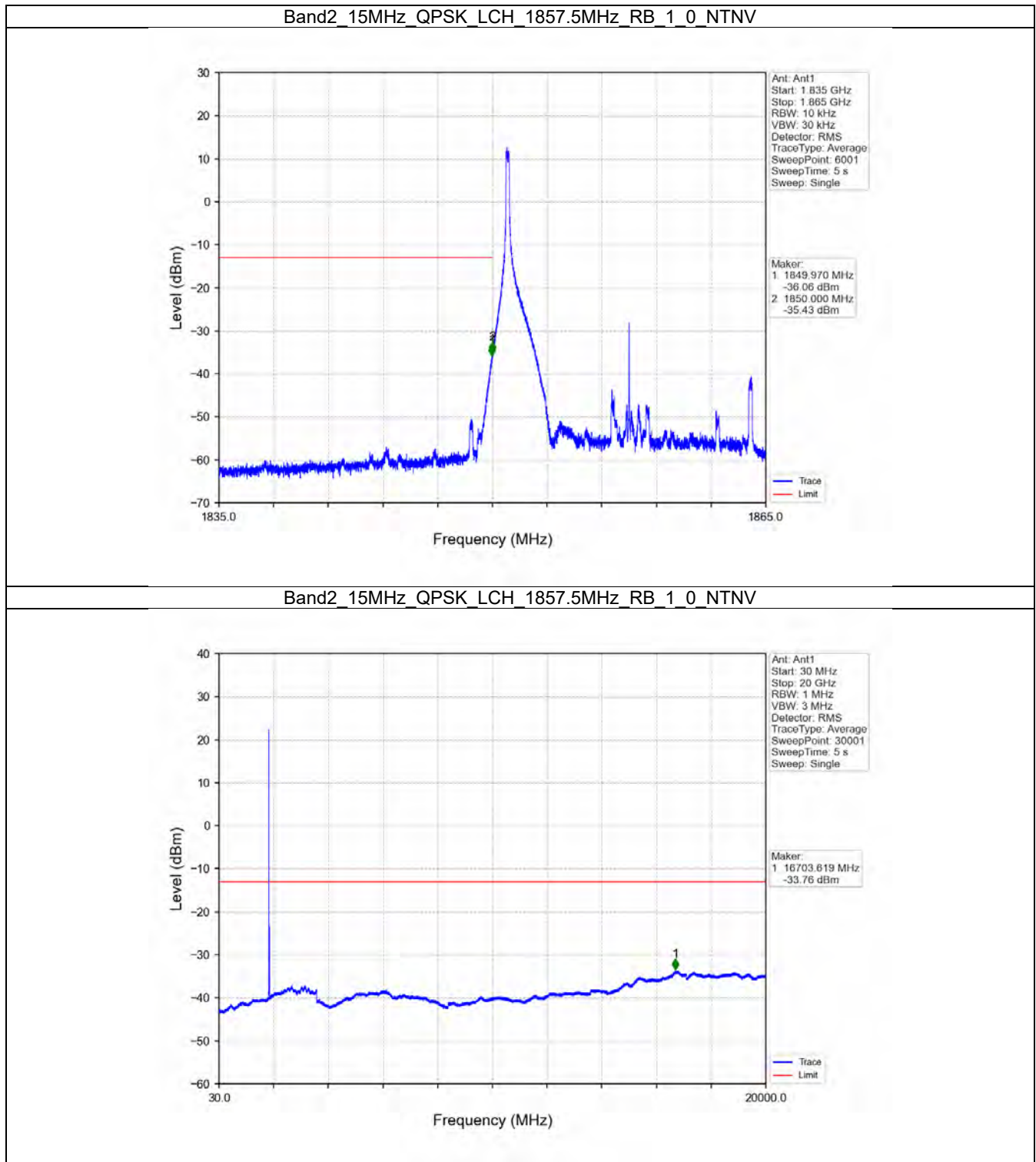
4.5. LTE_B2_15MHz

4.5.1. Test Result

Band: 2 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1857.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1902.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
16QAM	1857.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1902.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

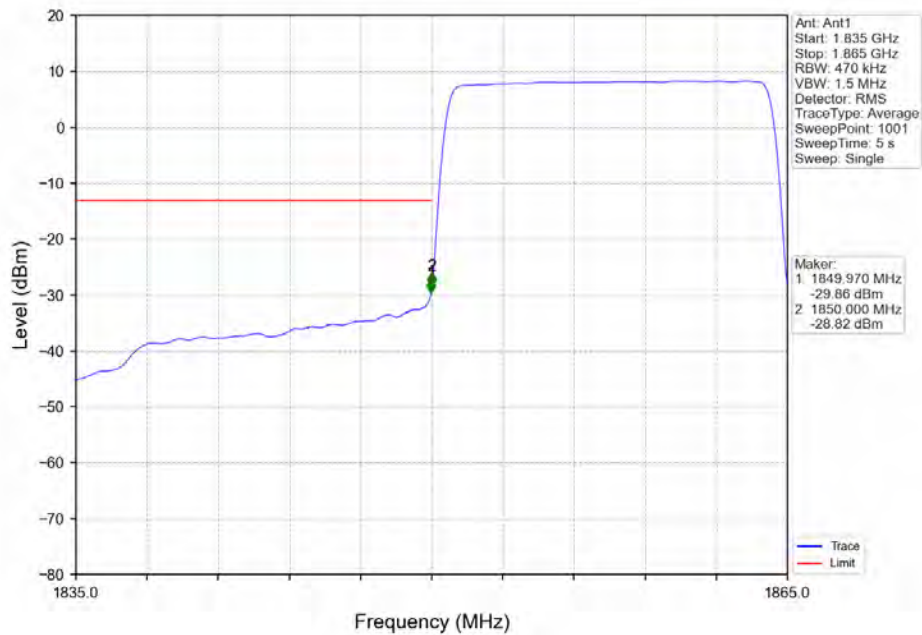


4.5.2. Test Graph

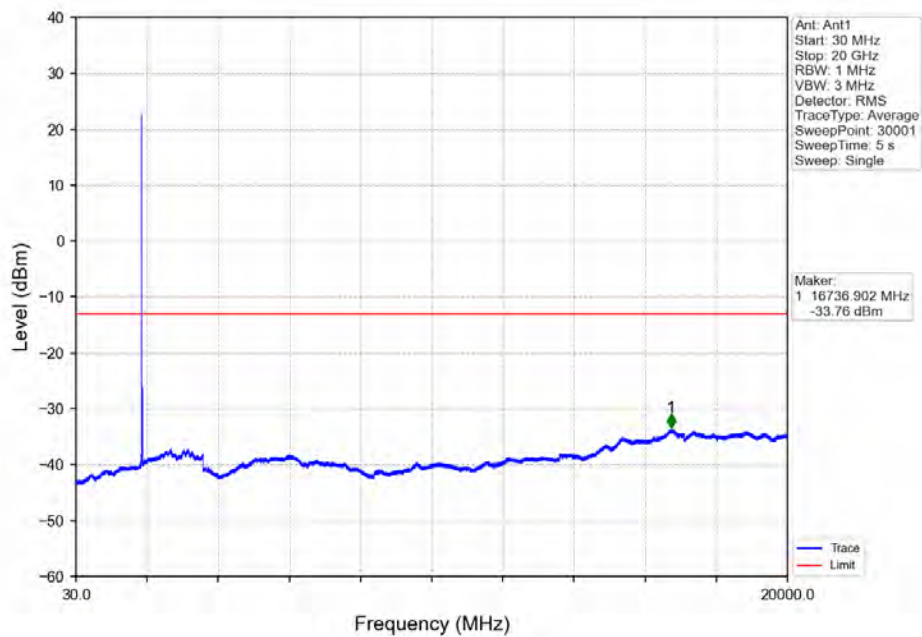




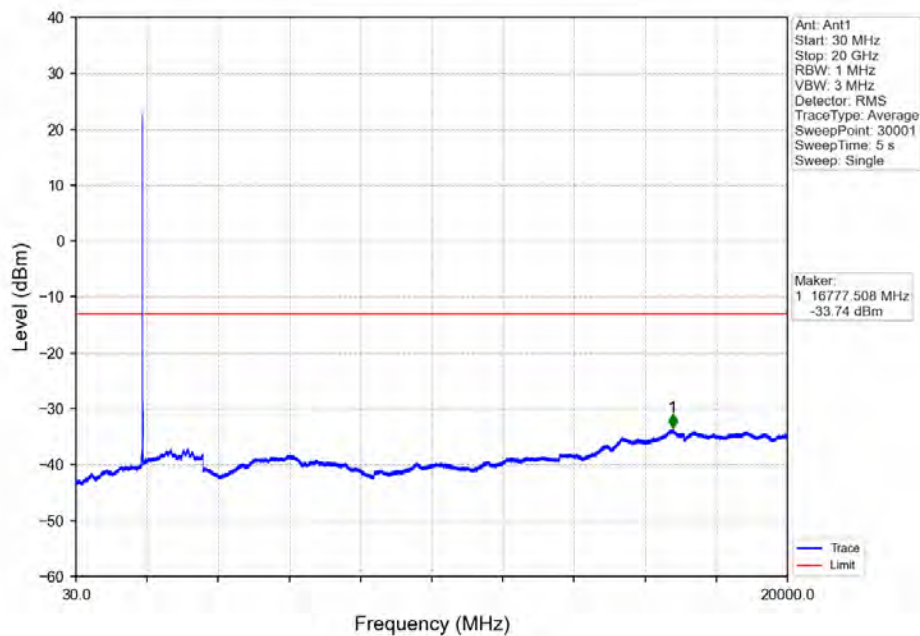
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



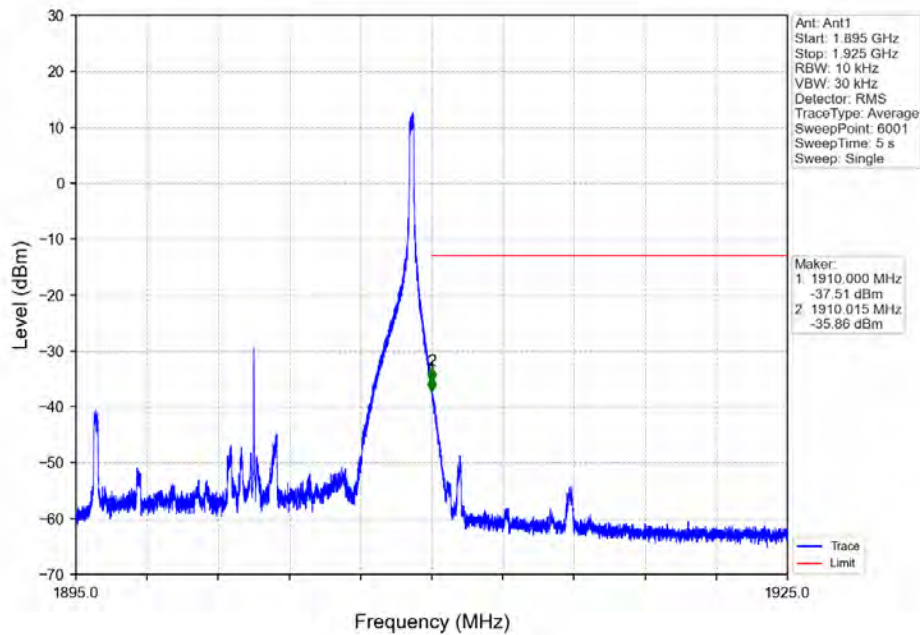
Band2 15MHz QPSK MCH 1880MHz RB 1 0 NTNV



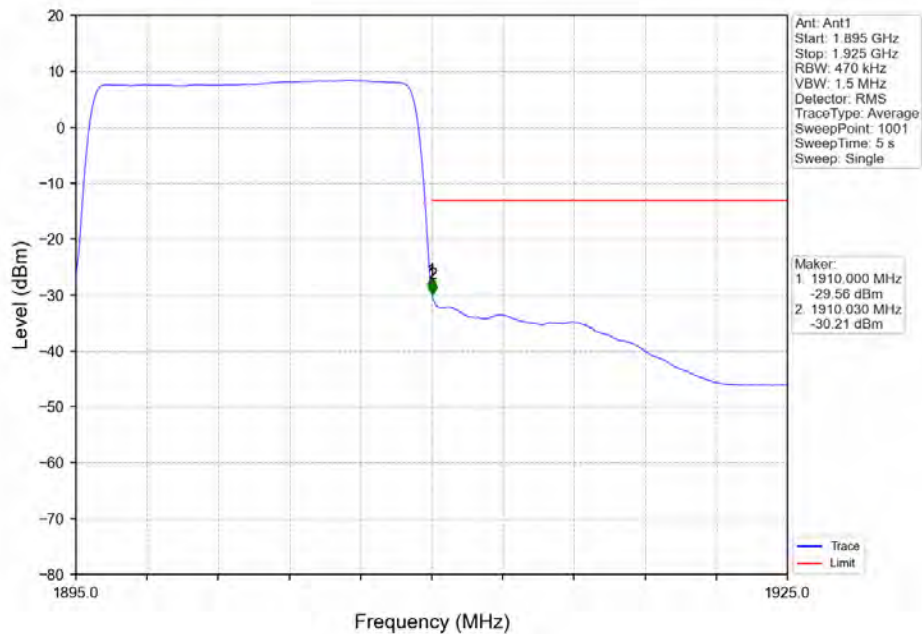
Band2 15MHz QPSK HCH 1902.5MHz RB 1 0 NTNV



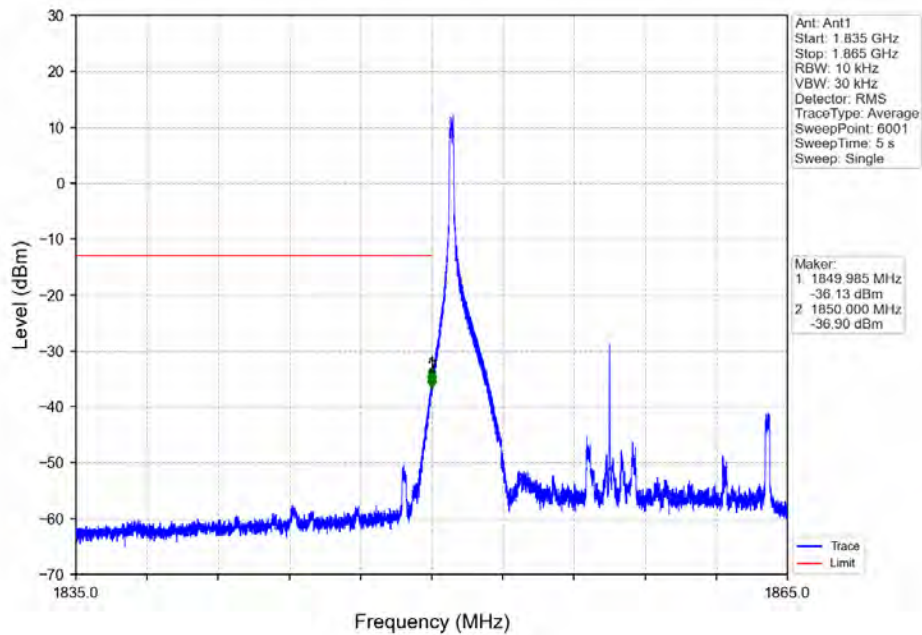
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



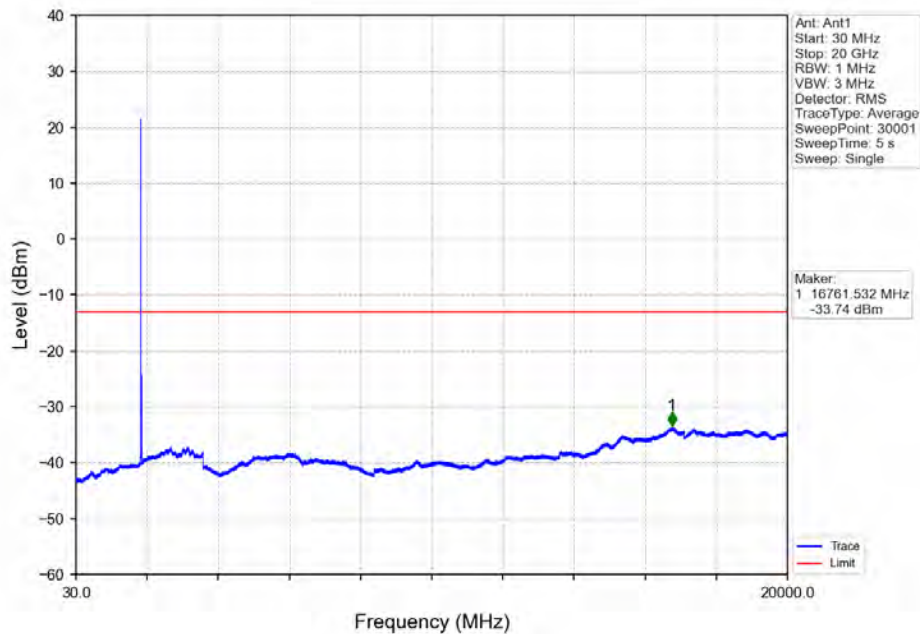
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



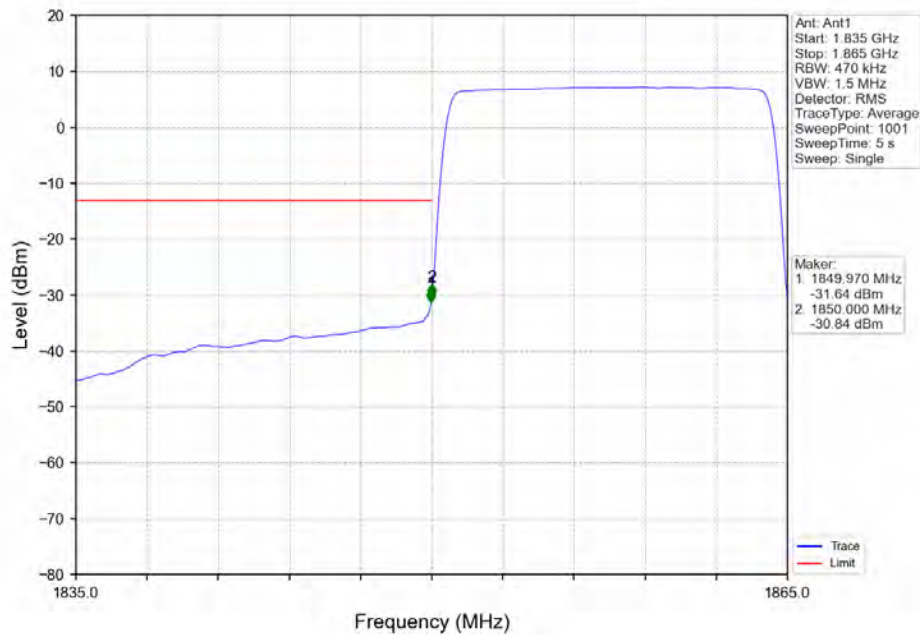
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



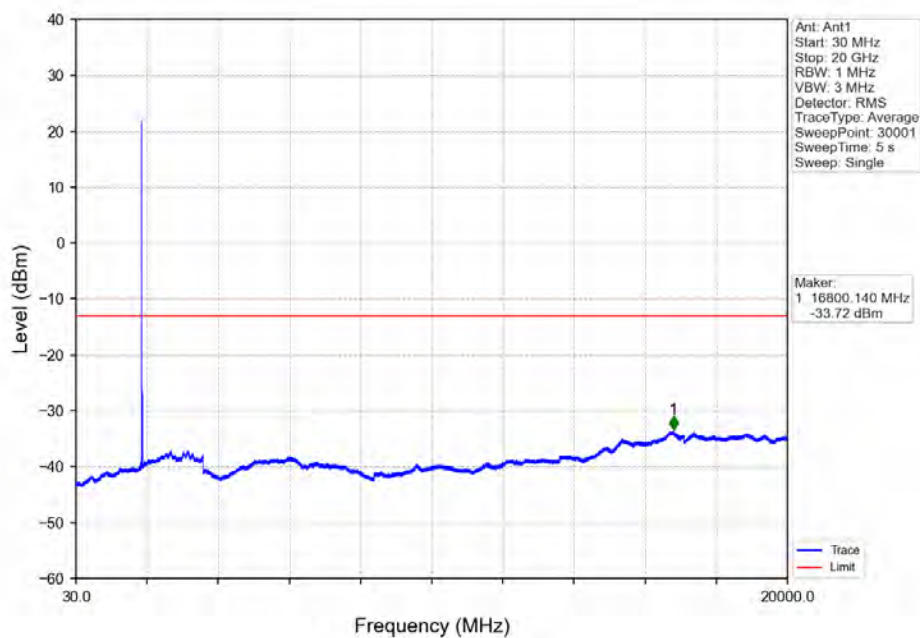
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



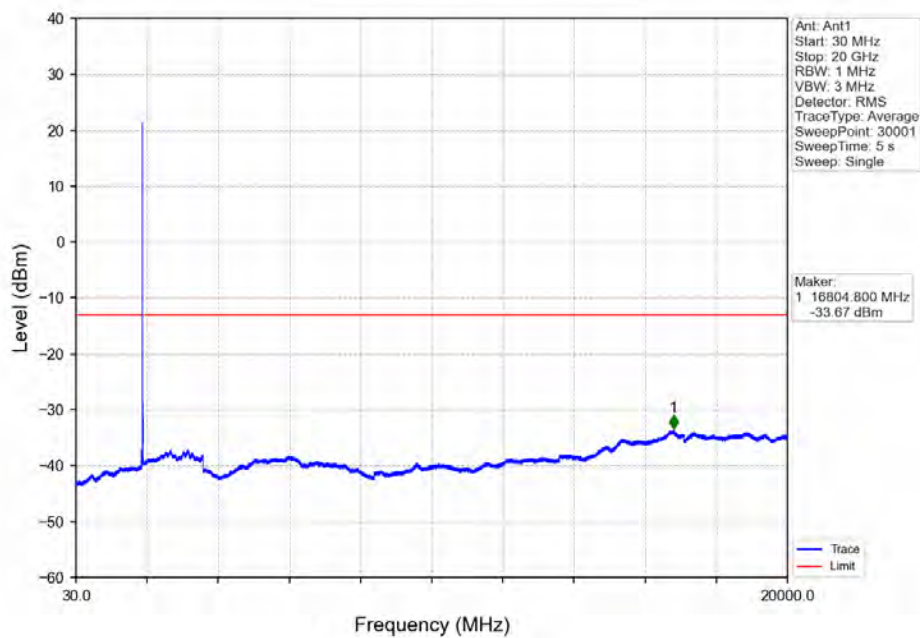
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



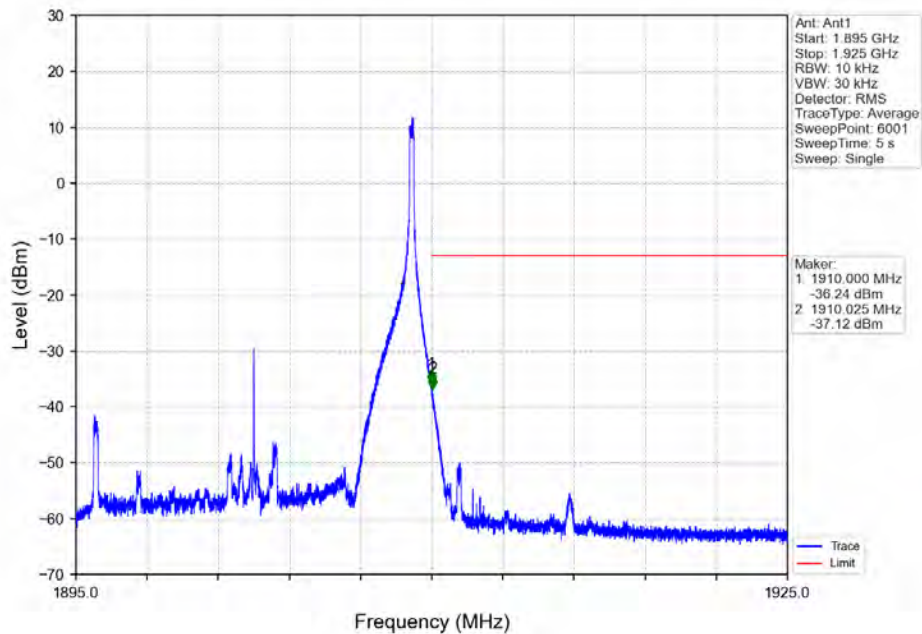
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



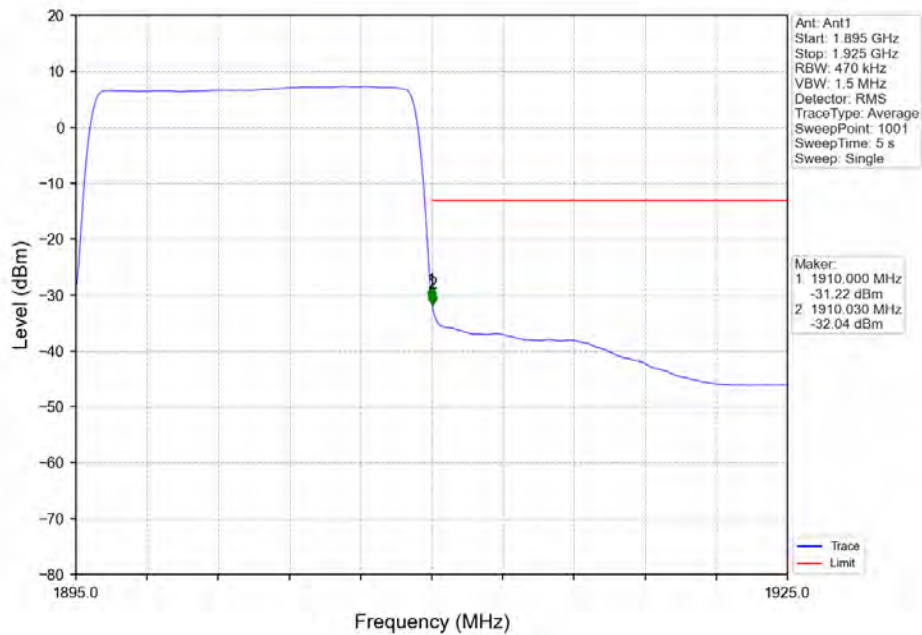
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_74_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV





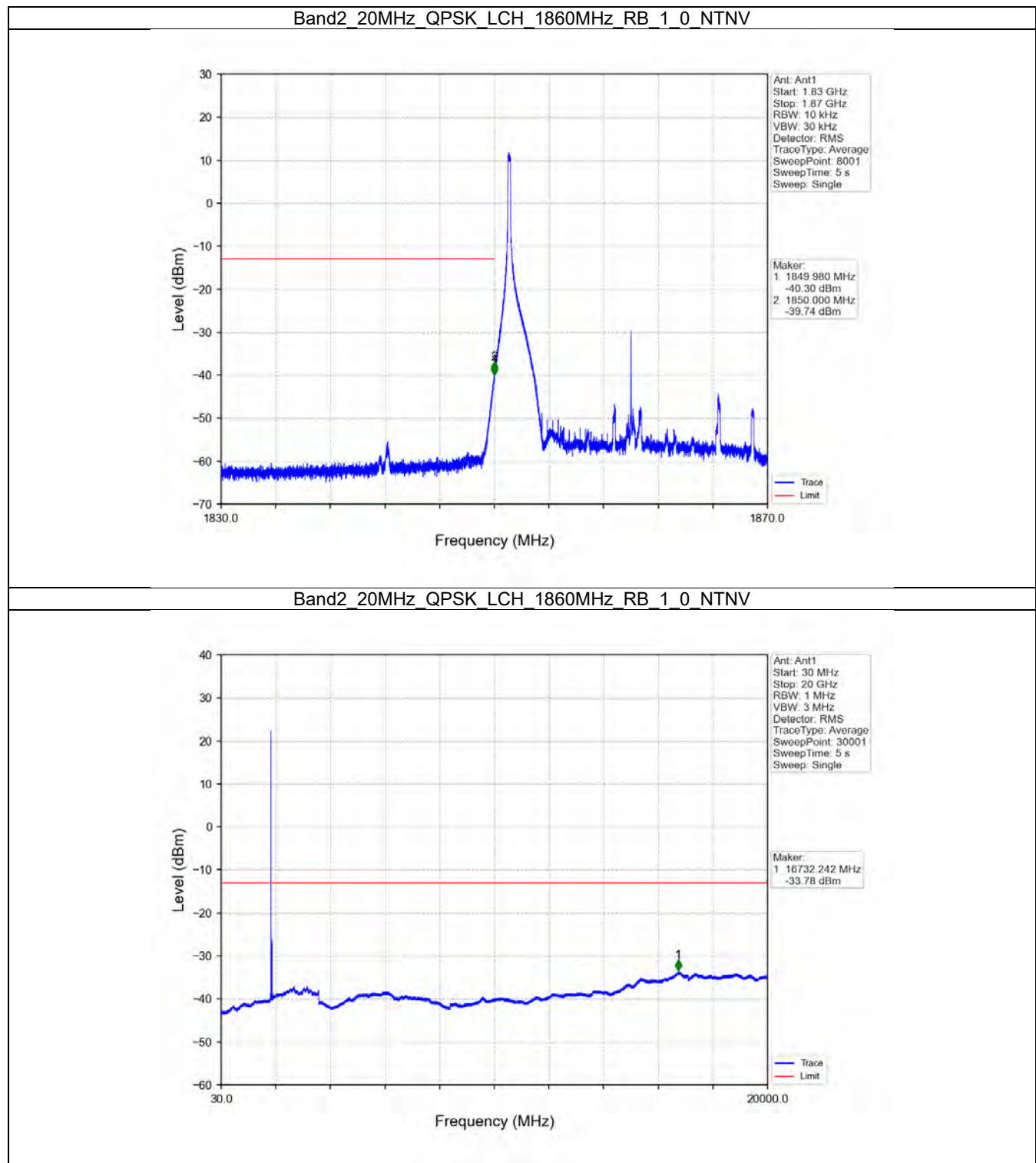
4.6. LTE_B2_20MHz

4.6.1. Test Result

Band: 2 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1860	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1900	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	1860	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1900	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

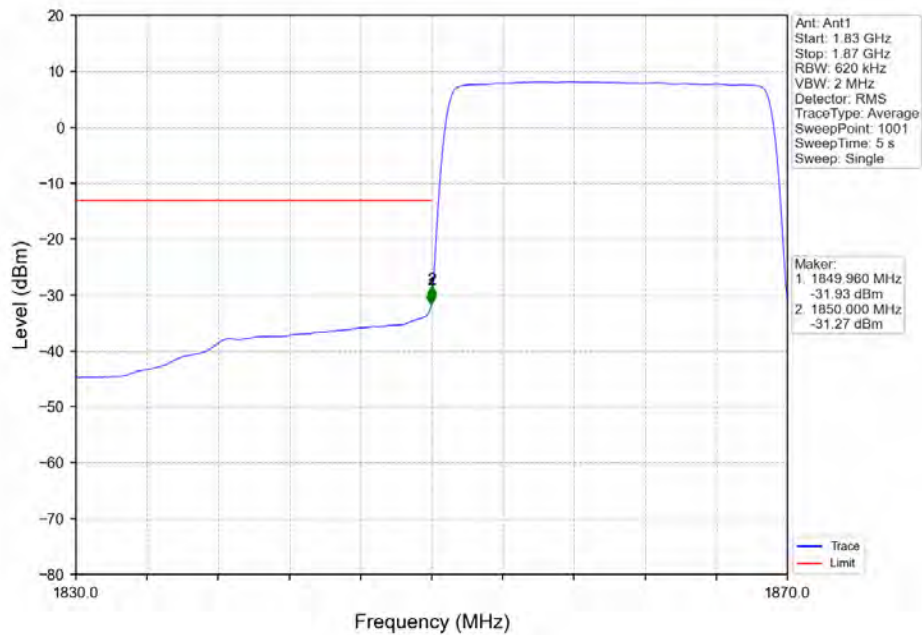


4.6.2. Test Graph

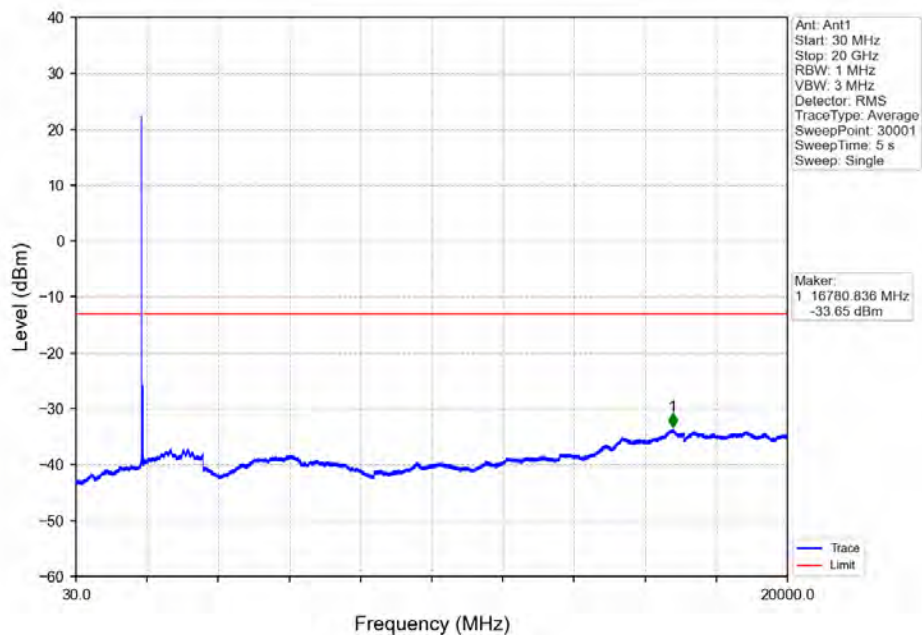




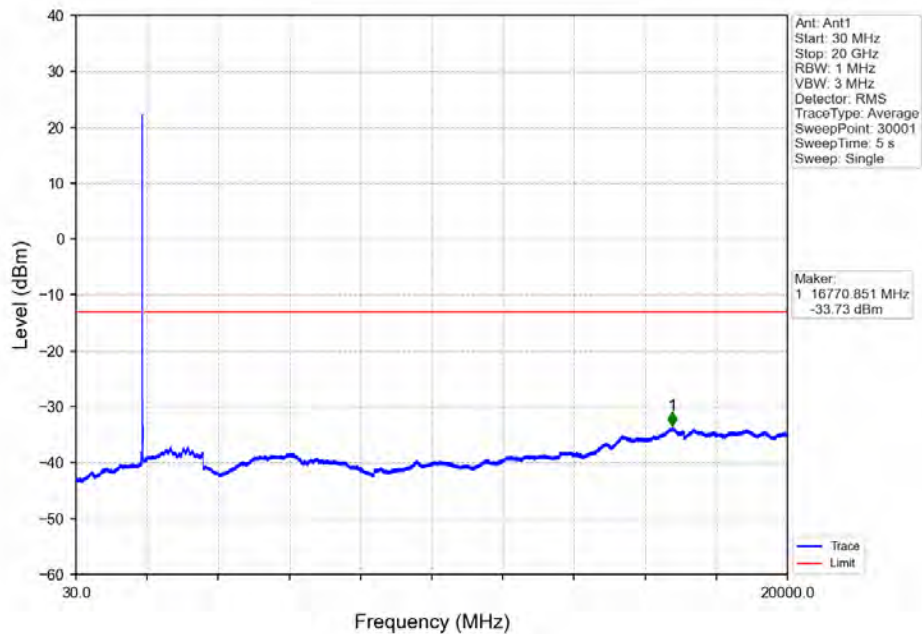
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



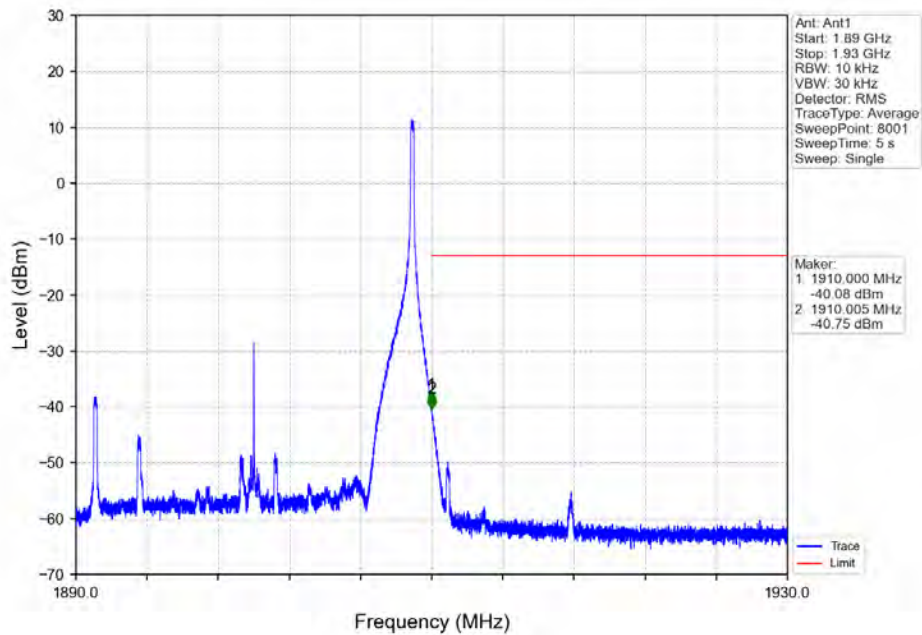
Band2 20MHz QPSK MCH 1880MHz RB 1 0 NTNV



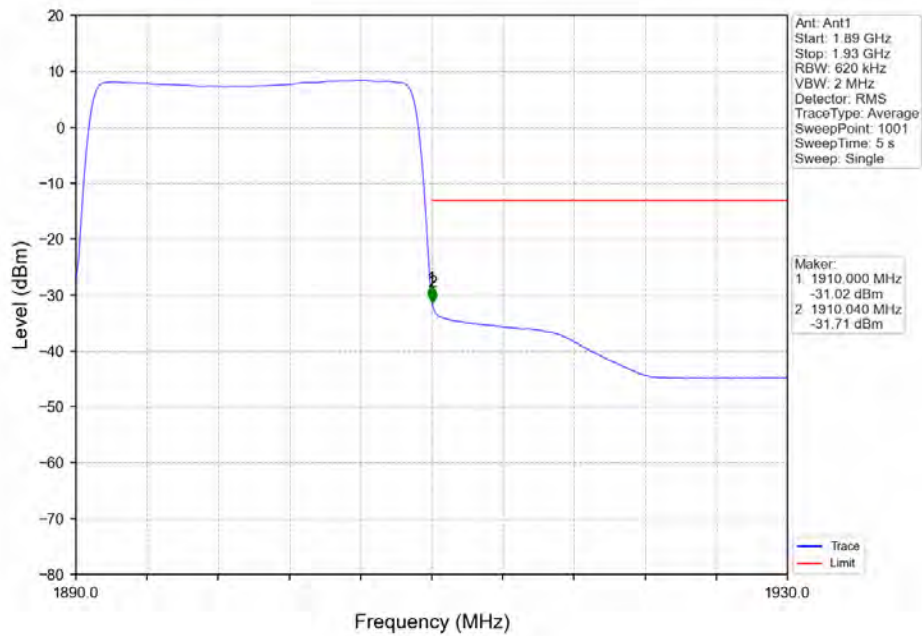
Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTNV



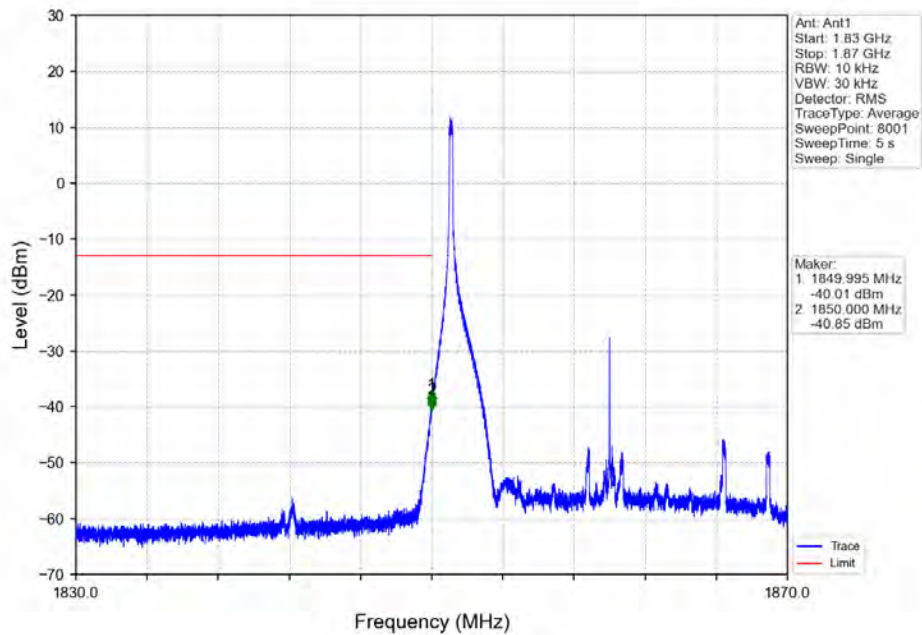
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



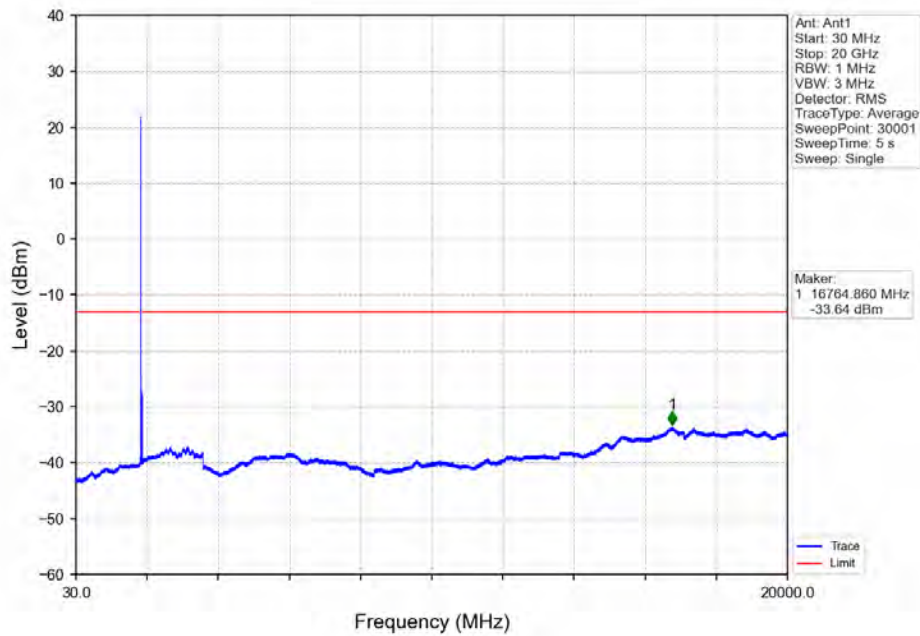
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



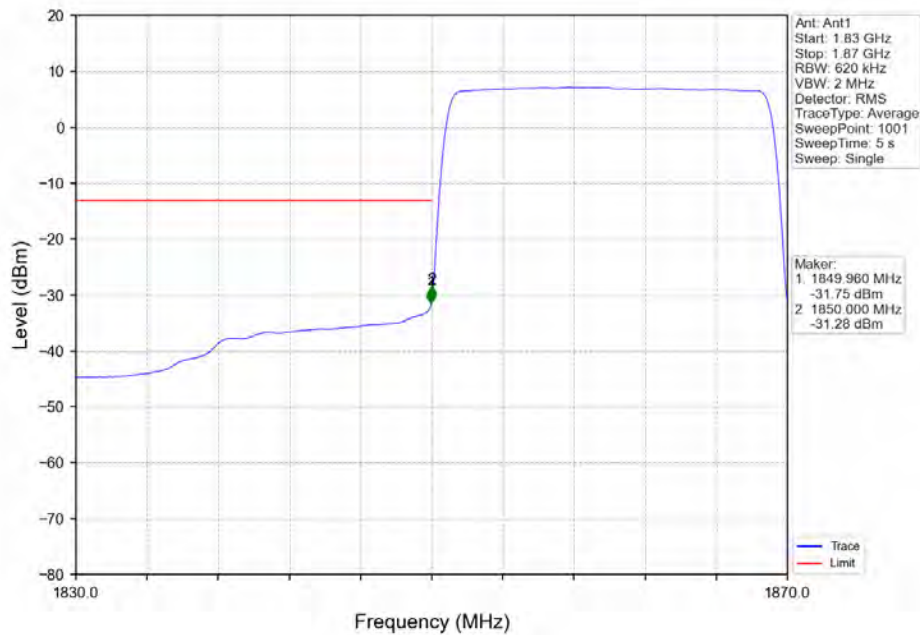
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



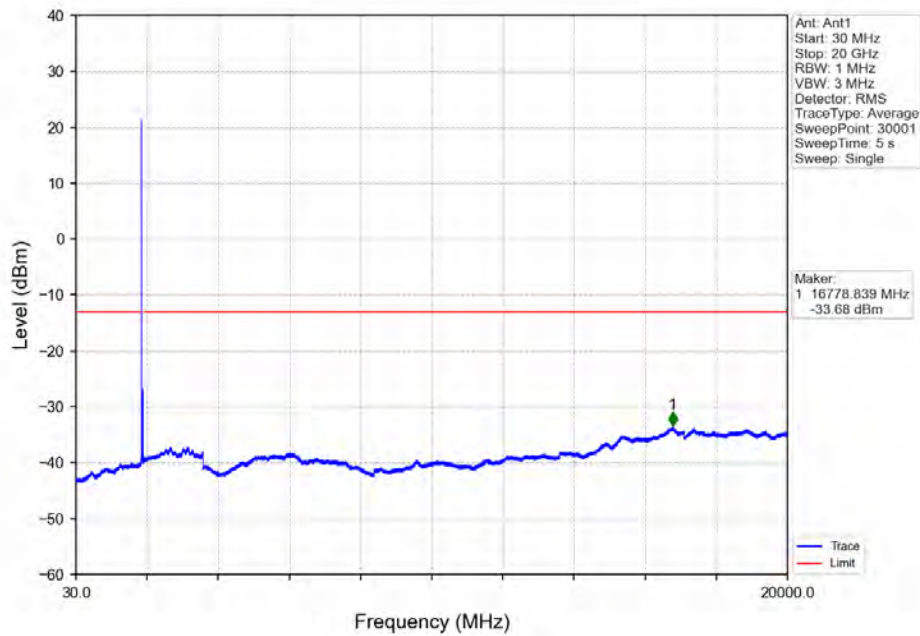
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



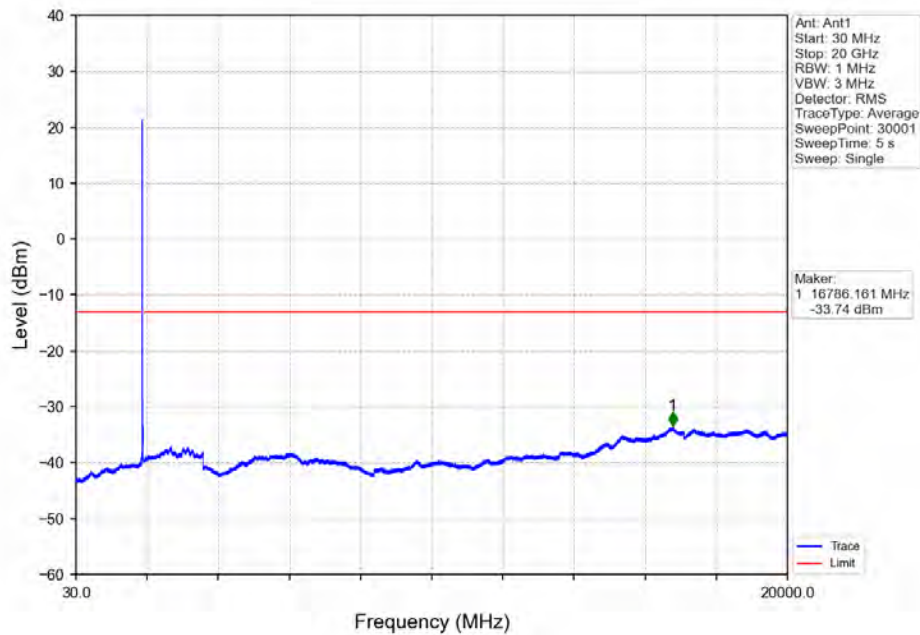
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



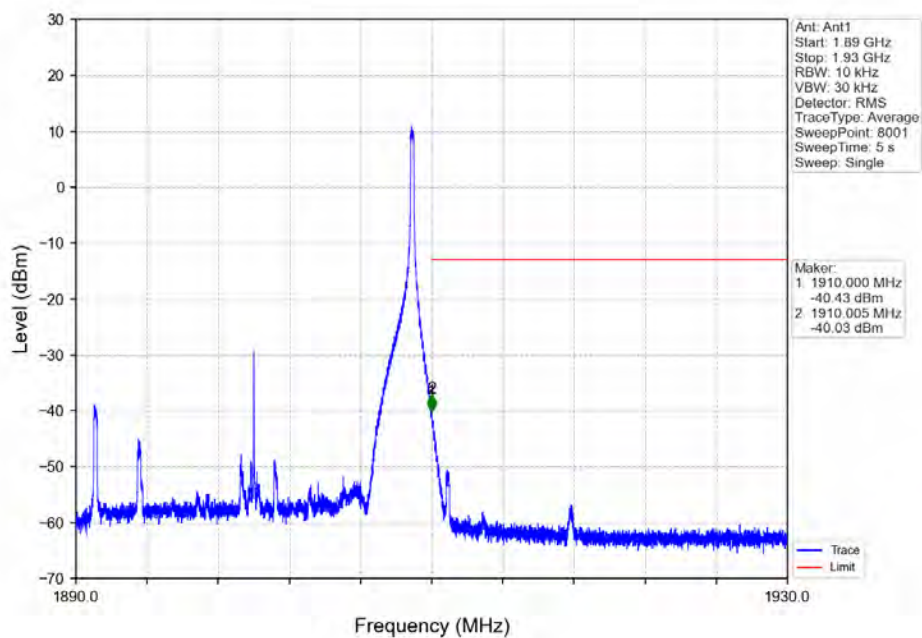
Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_1_99_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

