Appendix - LTE Band 13

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

Band: 13 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	779.5	1	0	22.06	-8.50	11.41	<=34.77	Pass
			13	21.98	-8.50	11.33	<=34.77	Pass
			24	21.86	-8.50	11.21	<=34.77	Pass
		12	0	21.15	-8.50	10.50	<=34.77	Pass
			6	21.27	-8.50	10.62	<=34.77	Pass
			13	21.15	-8.50	10.50	<=34.77	Pass
		25	0	21.16	-8.50	10.51	<=34.77	Pass
	782	1	0	21.98	-8.50	11.33	<=34.77	Pass
			13	22.23	-8.50	11.58	<=34.77	Pass
			24	22.26	-8.50	11.61	<=34.77	Pass
		12	0	21.27	-8.50	10.62	<=34.77	Pass
			6	21.26	-8.50	10.61	<=34.77	Pass
			13	21.23	-8.50	10.58	<=34.77	Pass
		25	0	21.24	-8.50	10.59	<=34.77	Pass
	784.5	1	0	22.16	-8.50	11.51	<=34.77	Pass
			13	22.21	-8.50	11.56	<=34.77	Pass
			24	22.11	-8.50	11.46	<=34.77	Pass
		12	0	21.21	-8.50	10.56	<=34.77	Pass
			6	21.34	-8.50	10.69	<=34.77	Pass
			13	21.29	-8.50	10.64	<=34.77	Pass
		25	0	21.24	-8.50	10.59	<=34.77	Pass
16QAM	779.5	1	0	20.98	-8.50	10.33	<=34.77	Pass
			13	21.51	-8.50	10.86	<=34.77	Pass
			24	21.44	-8.50	10.79	<=34.77	Pass
		12	0	19.83	-8.50	9.18	<=34.77	Pass
			6	20.06	-8.50	9.41	<=34.77	Pass
			13	20.05	-8.50	9.40	<=34.77	Pass
		25	0	20.28	-8.50	9.63	<=34.77	Pass
	782	1	0	20.91	-8.50	10.26	<=34.77	Pass
			13	21.08	-8.50	10.43	<=34.77	Pass
			24	20.98	-8.50	10.33	<=34.77	Pass
		12	0	19.98	-8.50	9.33	<=34.77	Pass
			6	20.28	-8.50	9.63	<=34.77	Pass
			13	20.26	-8.50	9.61	<=34.77	Pass
		25	0	20.22	-8.50	9.57	<=34.77	Pass
	784.5	1	0	21.54	-8.50	10.89	<=34.77	Pass
			13	21.81	-8.50	11.16	<=34.77	Pass
			24	21.69	-8.50	11.04	<=34.77	Pass
		12	0	20.03	-8.50	9.38	<=34.77	Pass
			6	20.00	-8.50	9.35	<=34.77	Pass
			13	20.01	-8.50	9.36	<=34.77	Pass
		25	0	20.14	-8.50	9.49	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTNV

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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	22.19	-8.50	11.54	<=34.77	Pass
			25	22.22	-8.50	11.57	<=34.77	Pass
			49	22.11	-8.50	11.46	<=34.77	Pass
		25	0	21.17	-8.50	10.52	<=34.77	Pass
			13	21.21	-8.50	10.56	<=34.77	Pass
			25	21.18	-8.50	10.53	<=34.77	Pass
		50	0	21.15	-8.50	10.50	<=34.77	Pass
16QAM	782	1	0	21.70	-8.50	11.05	<=34.77	Pass
			25	21.84	-8.50	11.19	<=34.77	Pass
			49	21.49	-8.50	10.84	<=34.77	Pass
		12	0	21.18	-8.50	10.53	<=34.77	Pass
			19	21.32	-8.50	10.67	<=34.77	Pass
			38	21.40	-8.50	10.75	<=34.77	Pass
		27	0	20.31	-8.50	9.66	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	779.5	25	0	20	3.27	-2.546	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.460	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.074	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-2.747	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.489	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0029	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-0.987	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-0.815	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass

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				40	3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0016	-2.5 to 2.5	Pass
					3.27	-1.974	-0.0025	-2.5 to 2.5	Pass
				20	3.85	-2.360	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0019	-2.5 to 2.5	Pass
	779.5	25	0	-10	3.85	-2.303	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.602	-0.0021	-2.5 to 2.5	Pass
					3.27	-1.988	-0.0025	-2.5 to 2.5	Pass
				20	3.85	-1.259	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.916	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0022	-2.5 to 2.5	Pass
16QAM	782	25	0	-10	3.85	-1.345	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0011	-2.5 to 2.5	Pass
					3.27	-0.458	-0.0006	-2.5 to 2.5	Pass
				20	3.85	0.172	0.0002	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
	784.5	25	0	-10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass

2.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
					3.27	-1.030	-0.0013	-2.5 to 2.5	Pass
				20	3.85	-1.831	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0011	-2.5 to 2.5	Pass
QPSK	782	50	0	-10	3.85	-1.531	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0021	-2.5 to 2.5	Pass
					3.27	-0.486	-0.0006	-2.5 to 2.5	Pass
				20	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.558	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0014	-2.5 to 2.5	Pass
16QAM	782	27	0	-10	3.85	-0.873	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0017	-2.5 to 2.5	Pass

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				30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.243	0.0003	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	27	0	Refer To Test Graph		Pass

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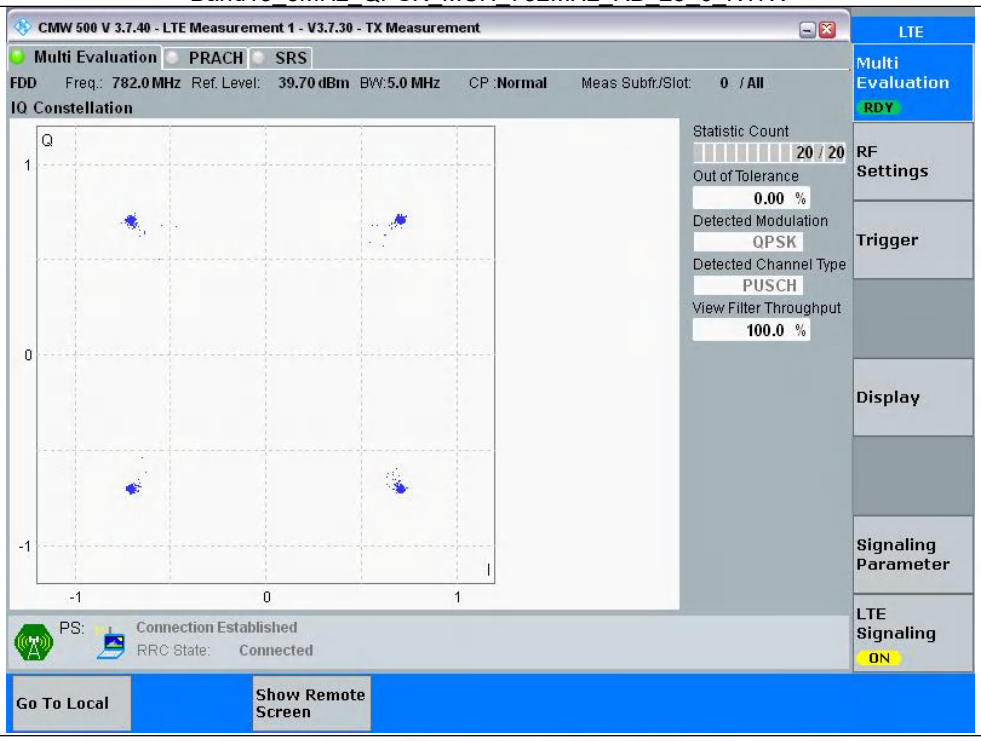
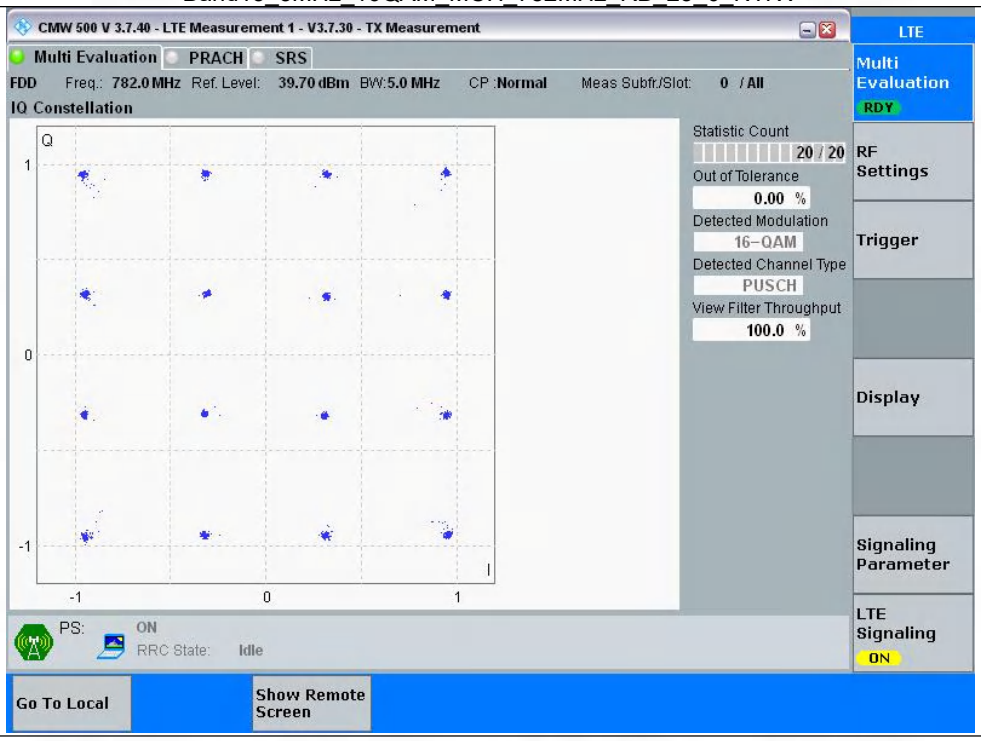
3.2 Test Graph

3.2.1 B13_5MHz

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV

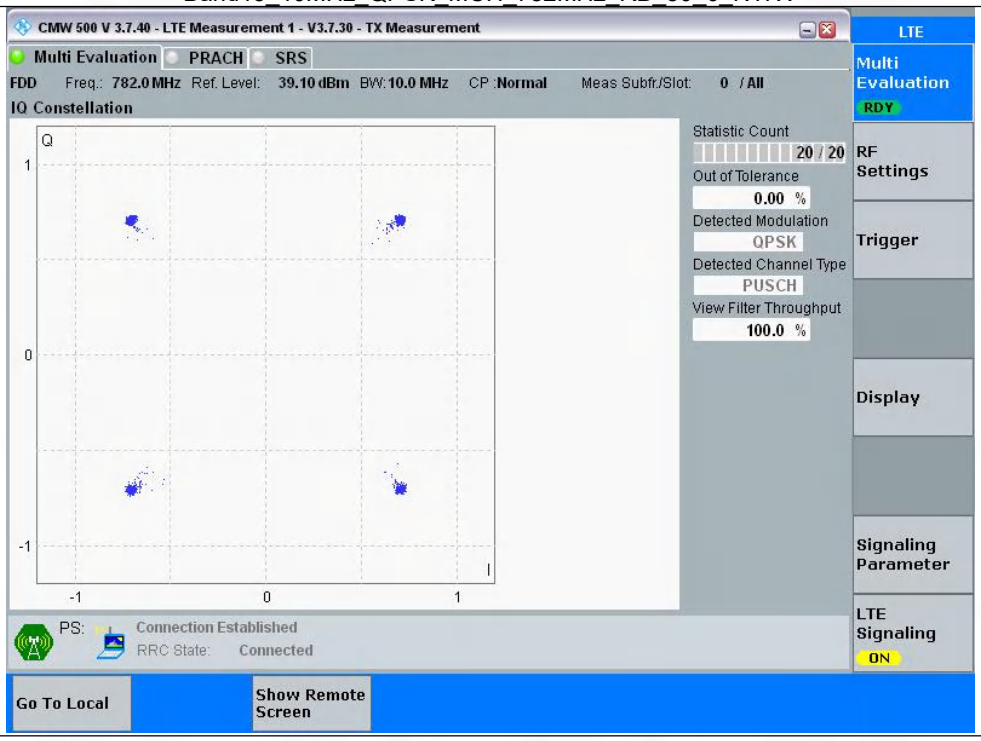


Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV

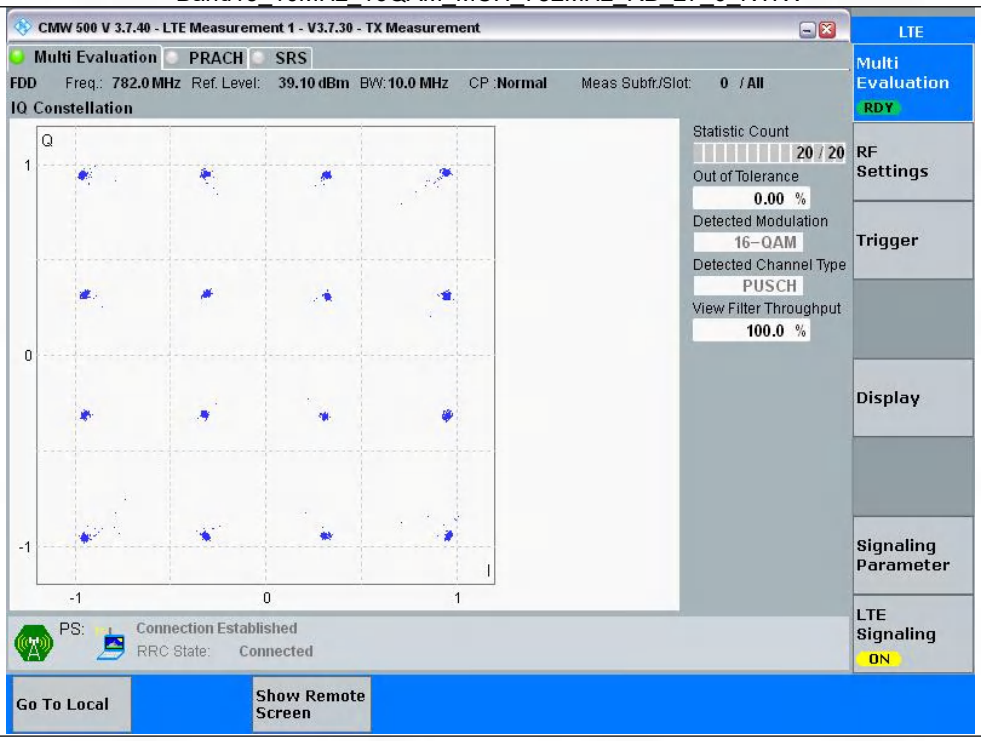


3.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band13_OBW

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.544	/	Pass
		782	25	0	4.560	/	Pass
		784.5	25	0	4.564	/	Pass
	16QAM	779.5	25	0	4.564	/	Pass
		782	25	0	4.575	/	Pass
		784.5	25	0	4.540	/	Pass
10	QPSK	782	50	0	9.035	/	Pass
	16QAM	782	27	0	5.065	/	Pass

4.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.079	/	Pass
		782	25	0	5.093	/	Pass
		784.5	25	0	5.080	/	Pass
	16QAM	779.5	25	0	5.105	/	Pass
		782	25	0	5.091	/	Pass
		784.5	25	0	5.063	/	Pass
10	QPSK	782	50	0	10.030	/	Pass
	16QAM	782	27	0	6.010	/	Pass

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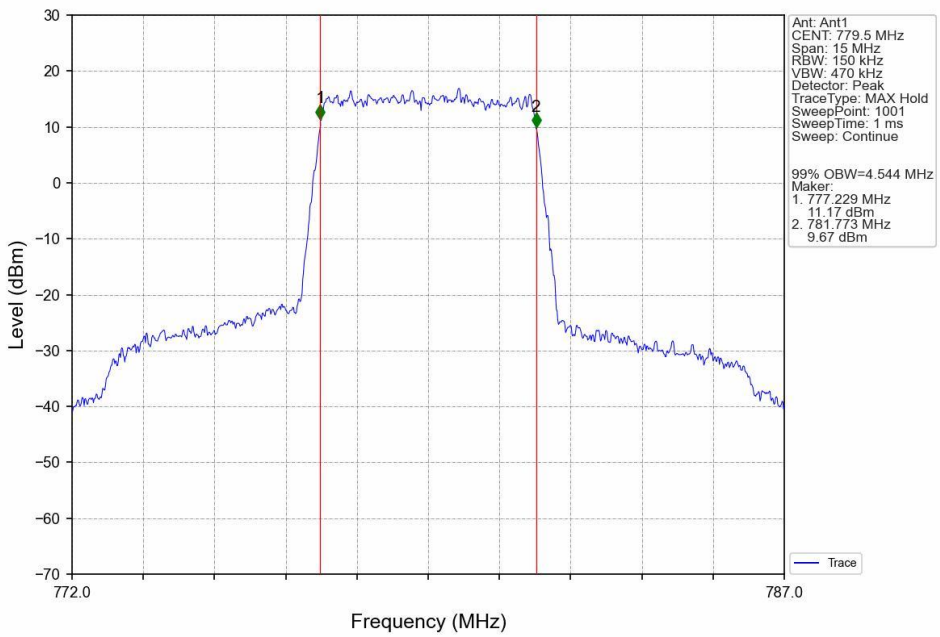
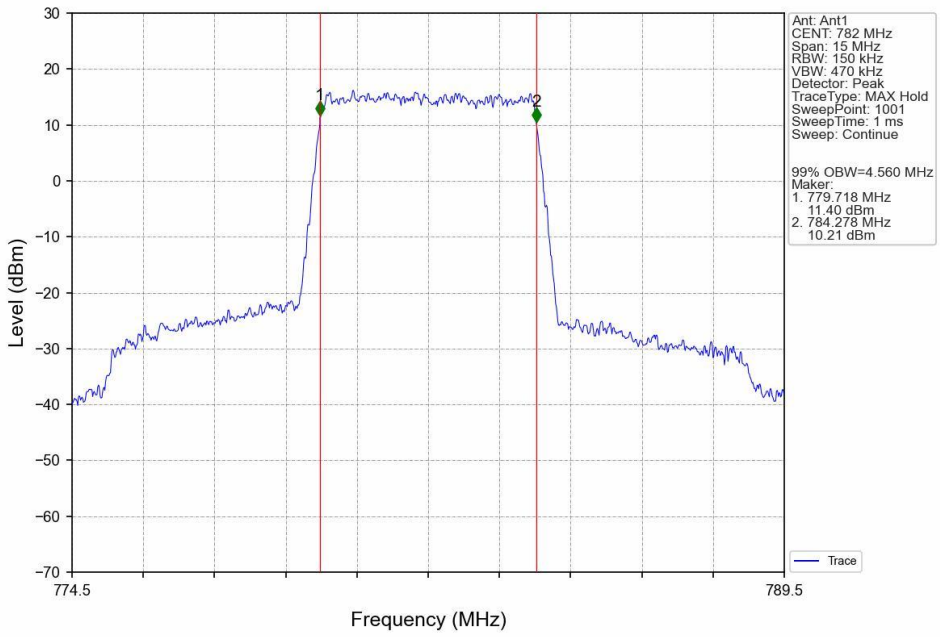
4.2 Test Graph

4.2.1 Band13_OBW

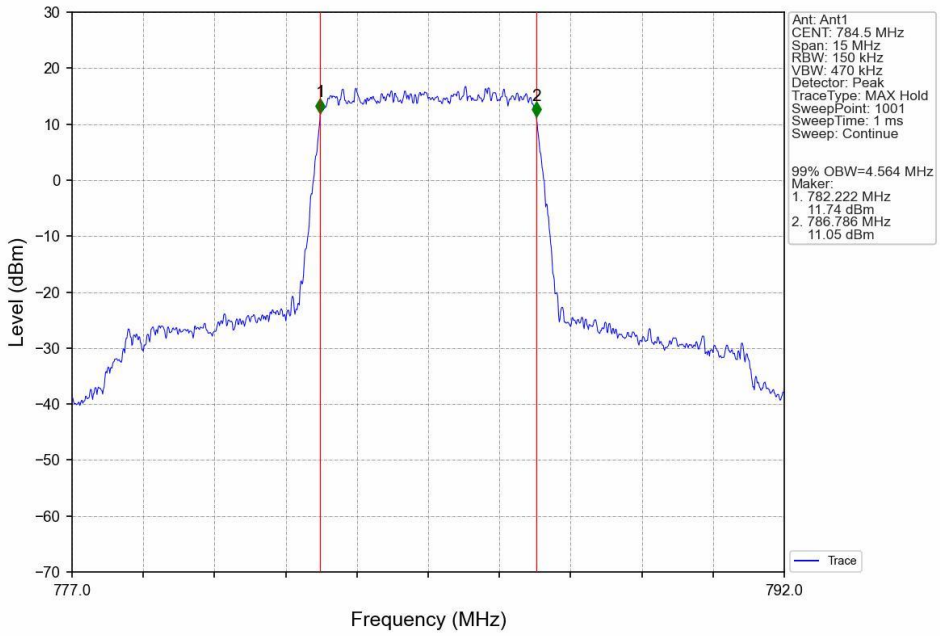
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



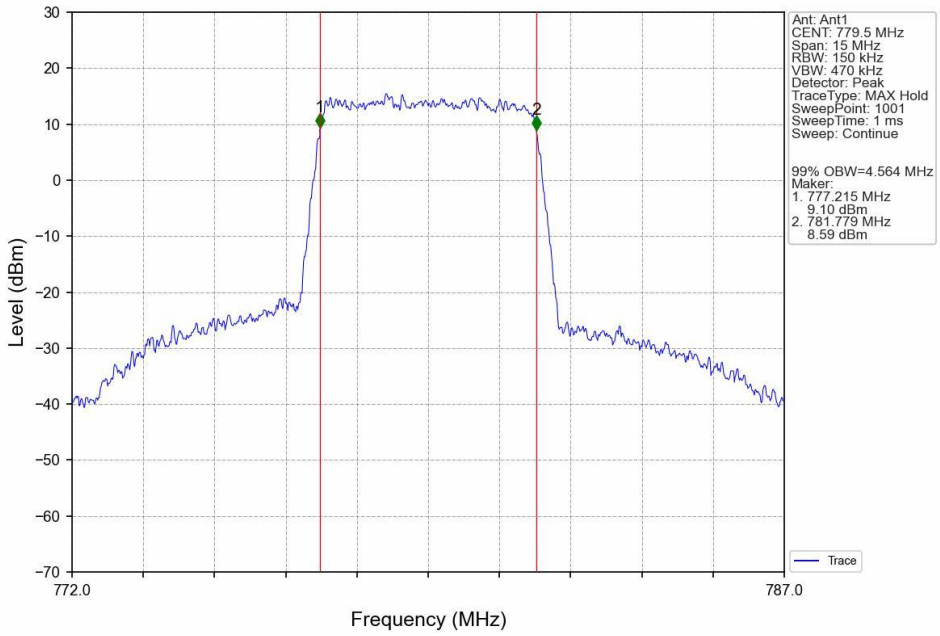
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



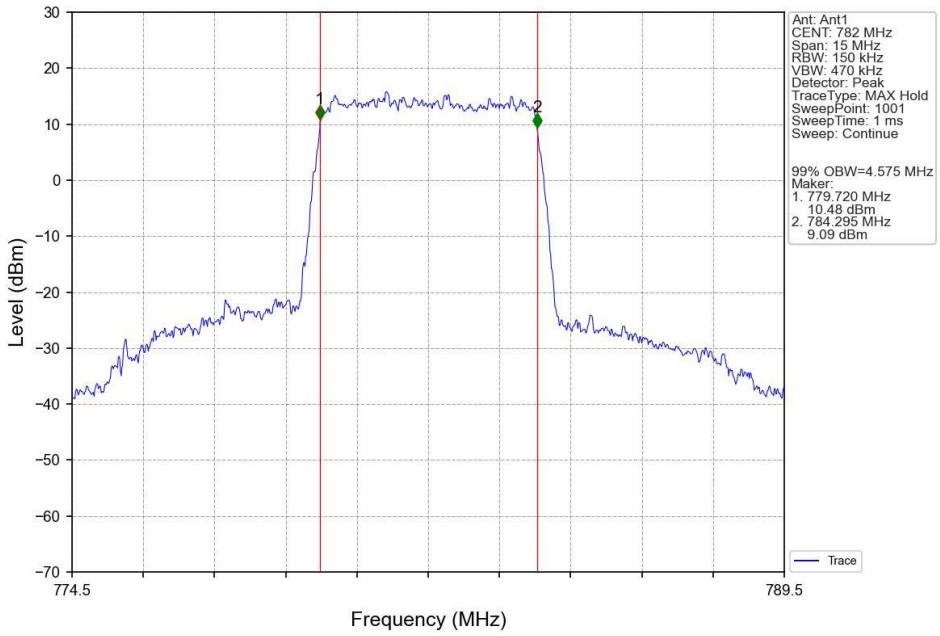
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



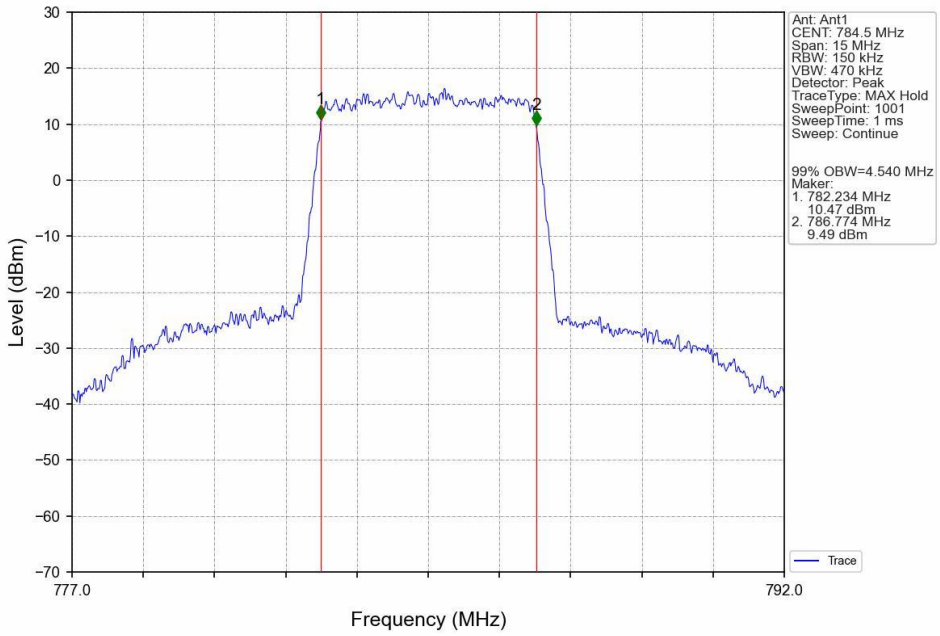
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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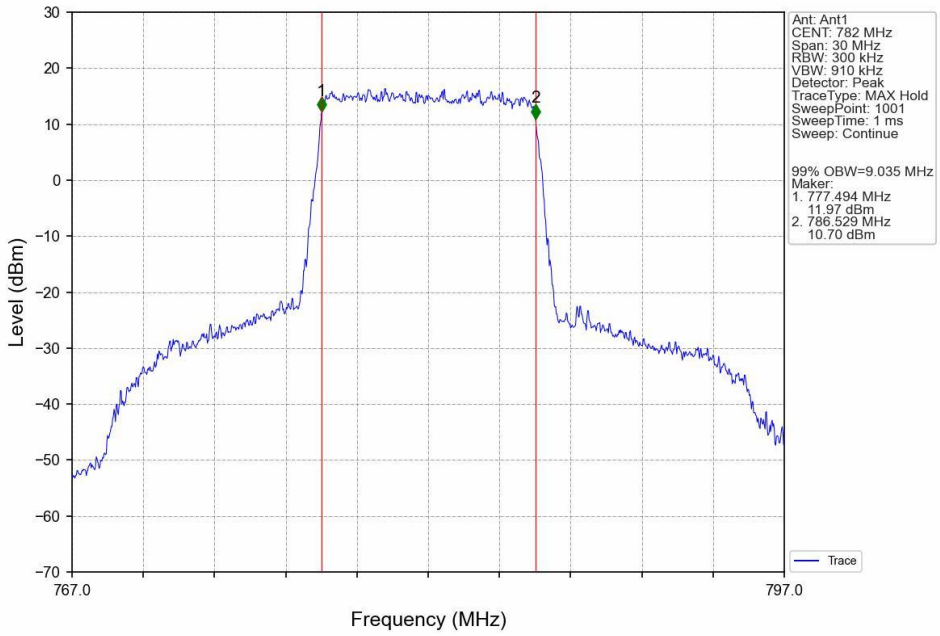
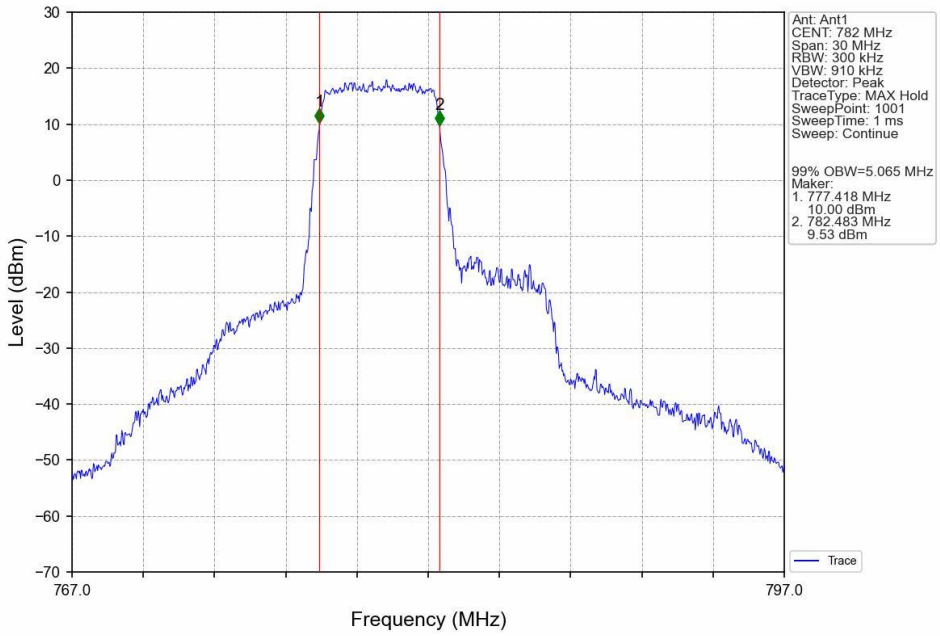
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV

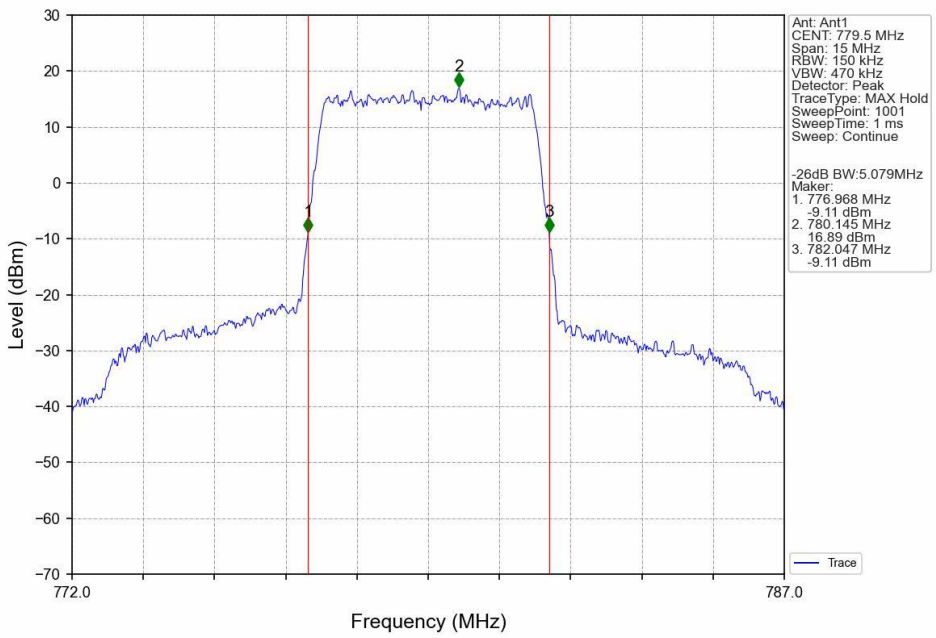


Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV

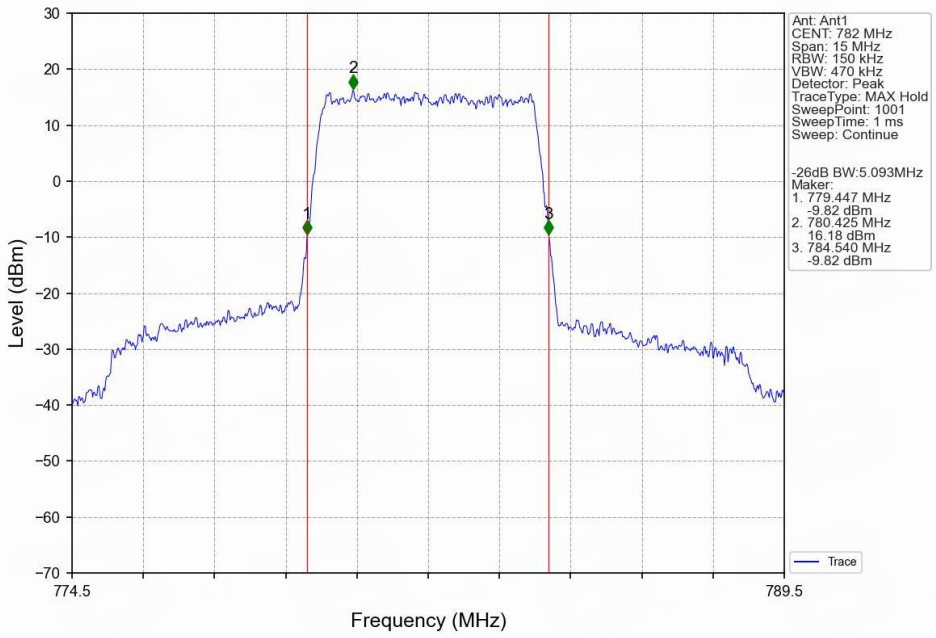


4.2.2 Band13_XDB

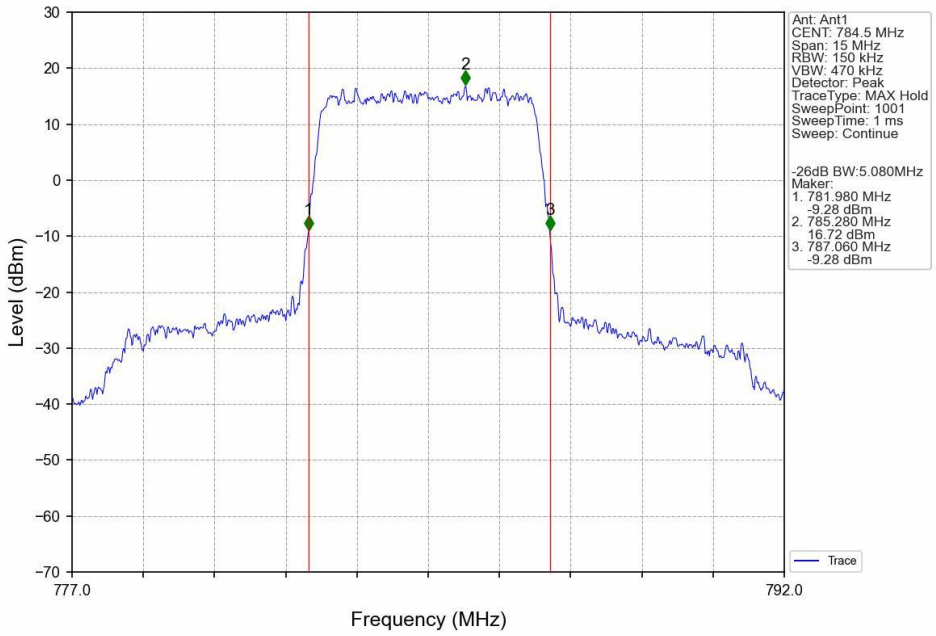
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



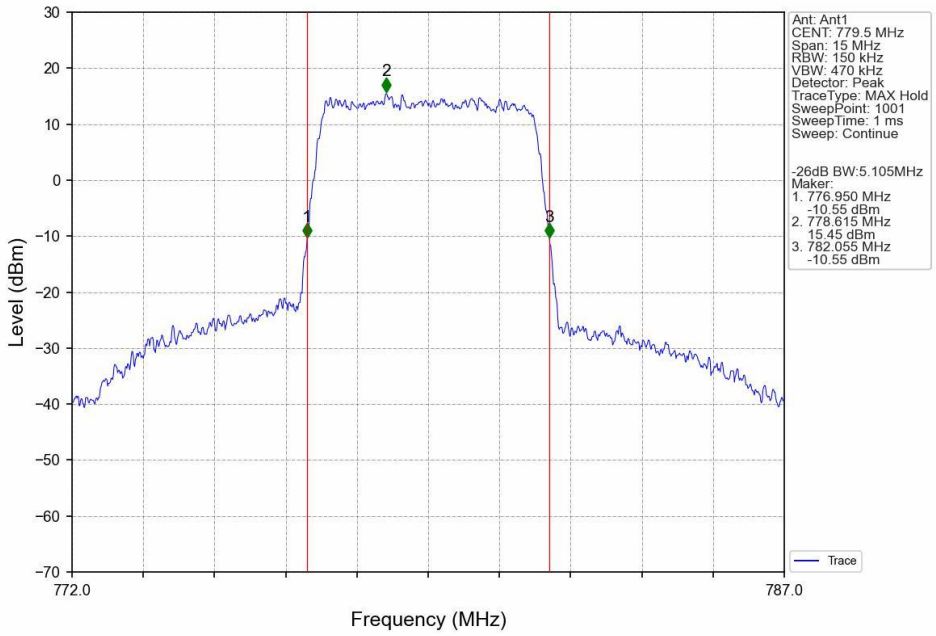
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



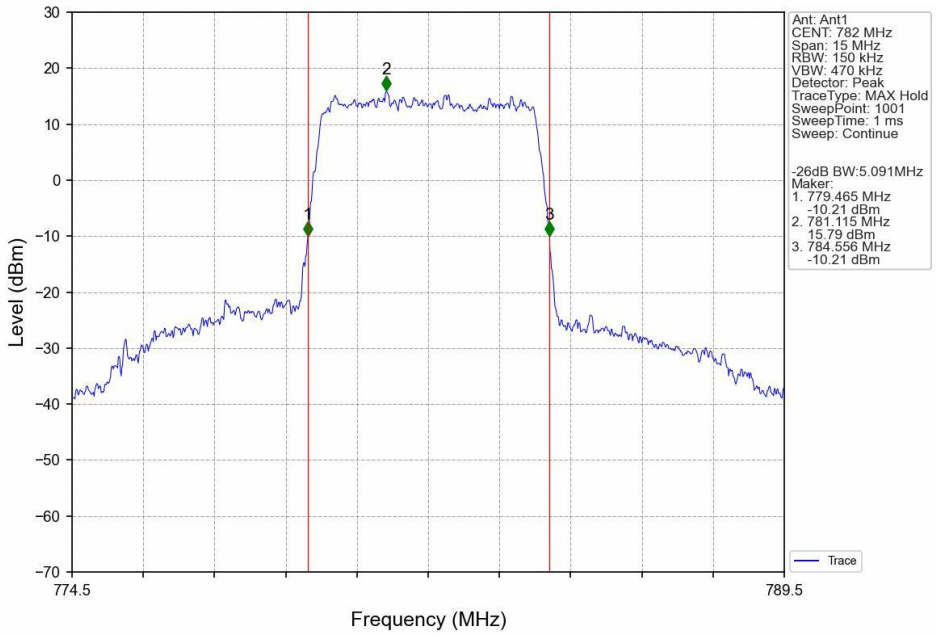
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



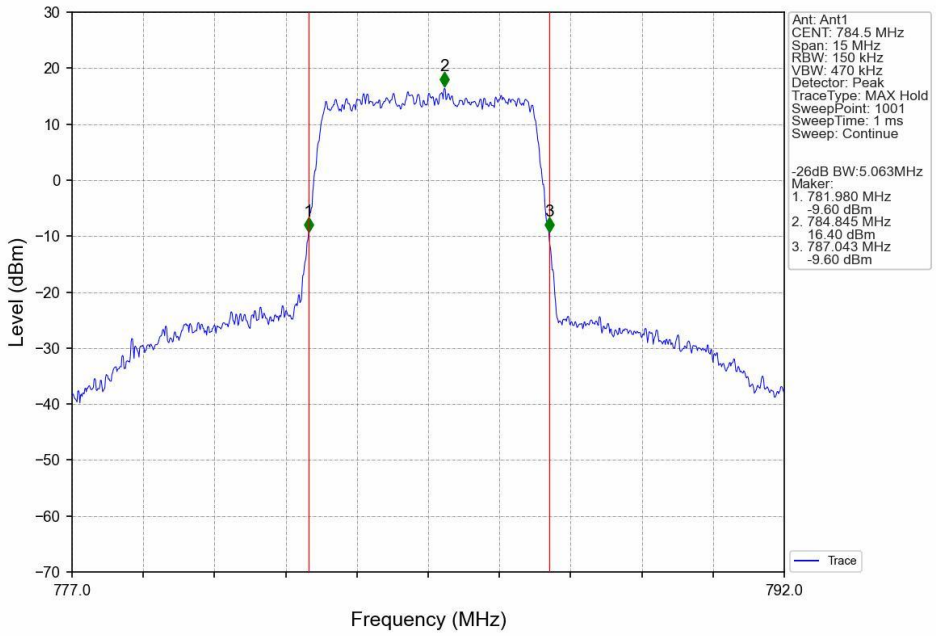
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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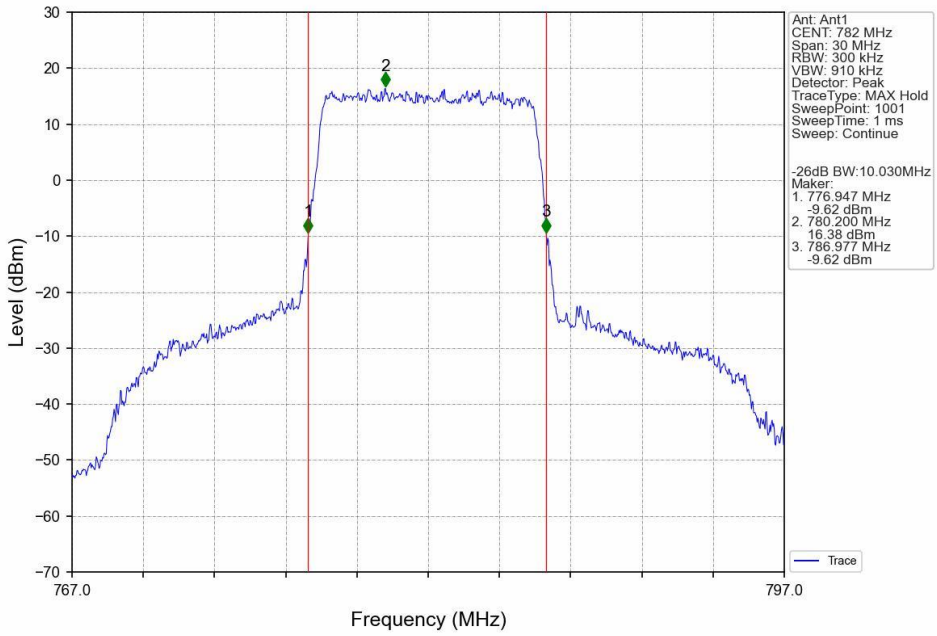
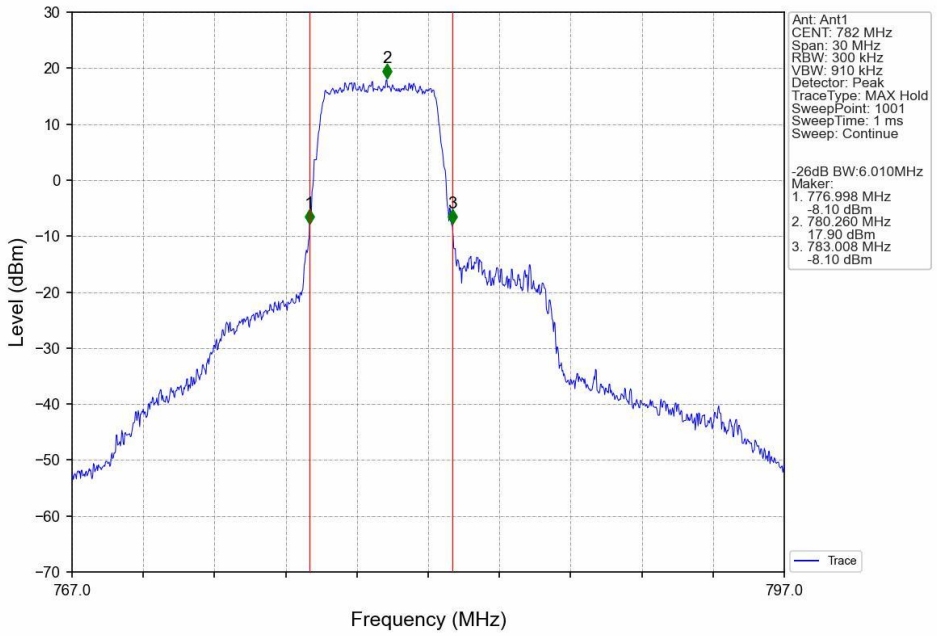
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.19	<=13	Pass
	782	25	0	5.27	<=13	Pass
	784.5	25	0	5.19	<=13	Pass
16QAM	779.5	25	0	5.98	<=13	Pass
	782	25	0	6.05	<=13	Pass
	784.5	25	0	6.00	<=13	Pass

5.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.22	<=13	Pass
16QAM	782	27	0	5.77	<=13	Pass

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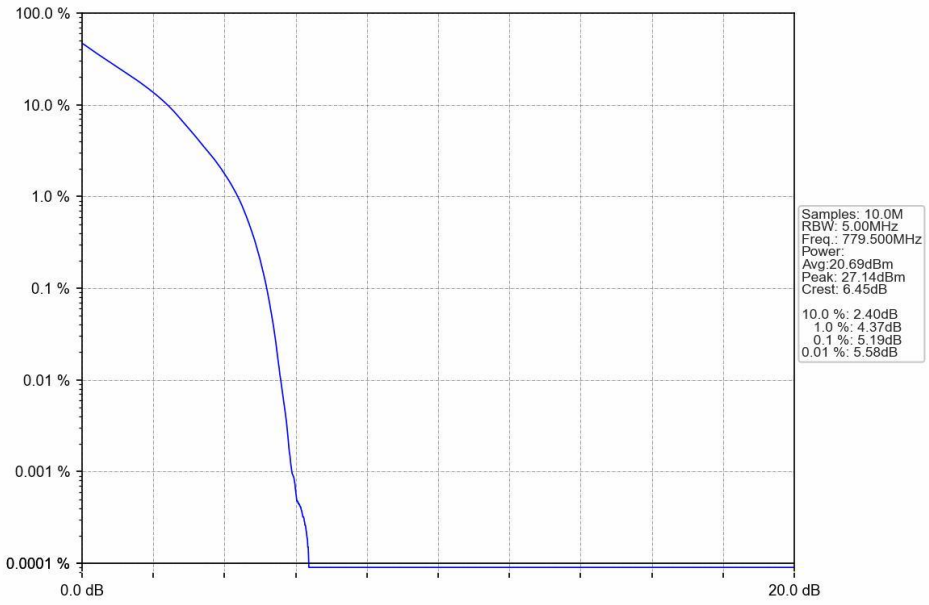
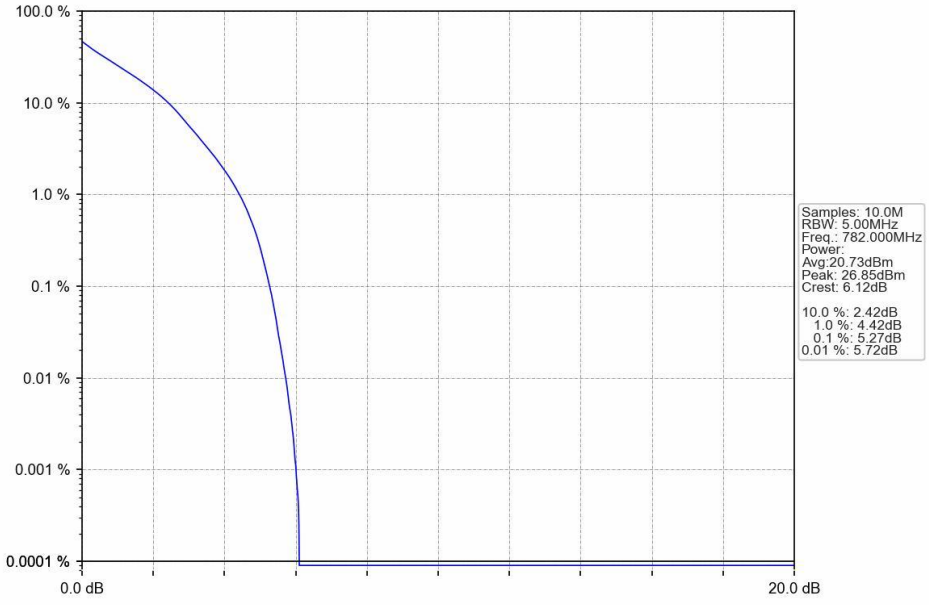
5.2 Test Graph

5.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



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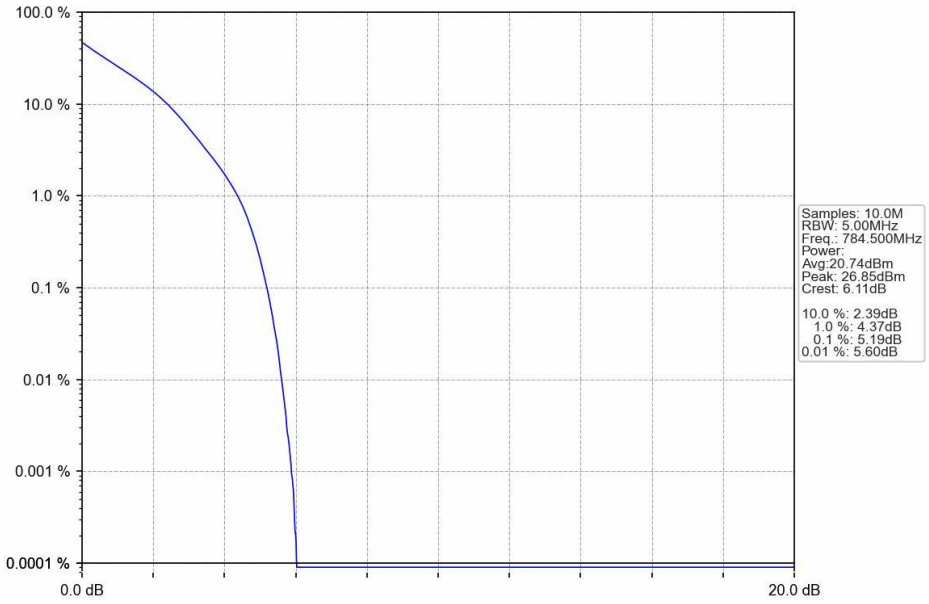
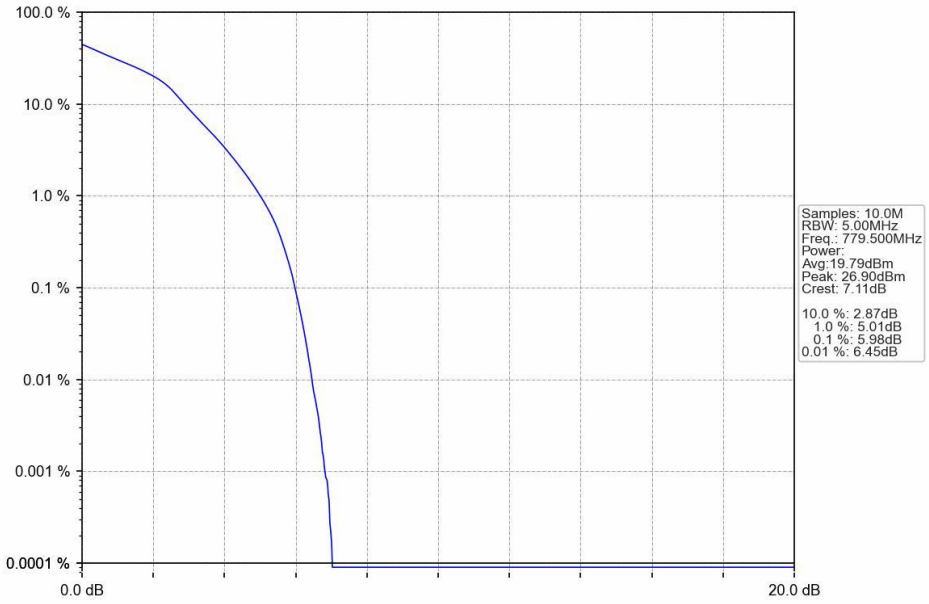
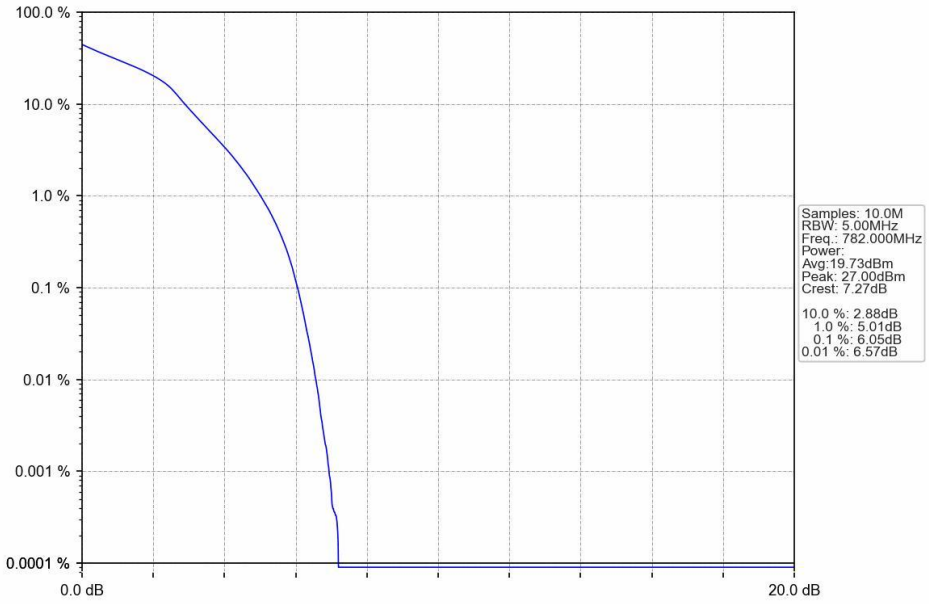
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



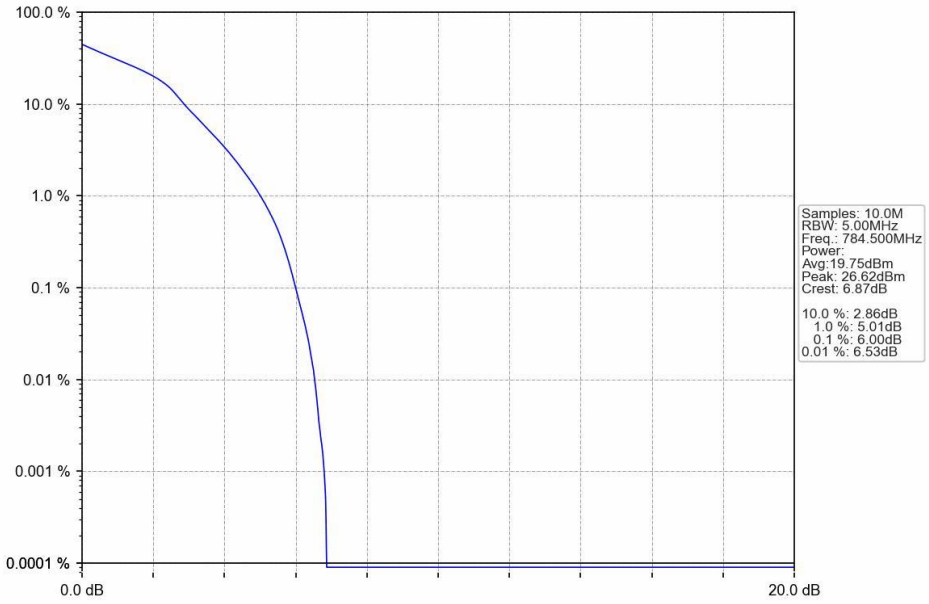
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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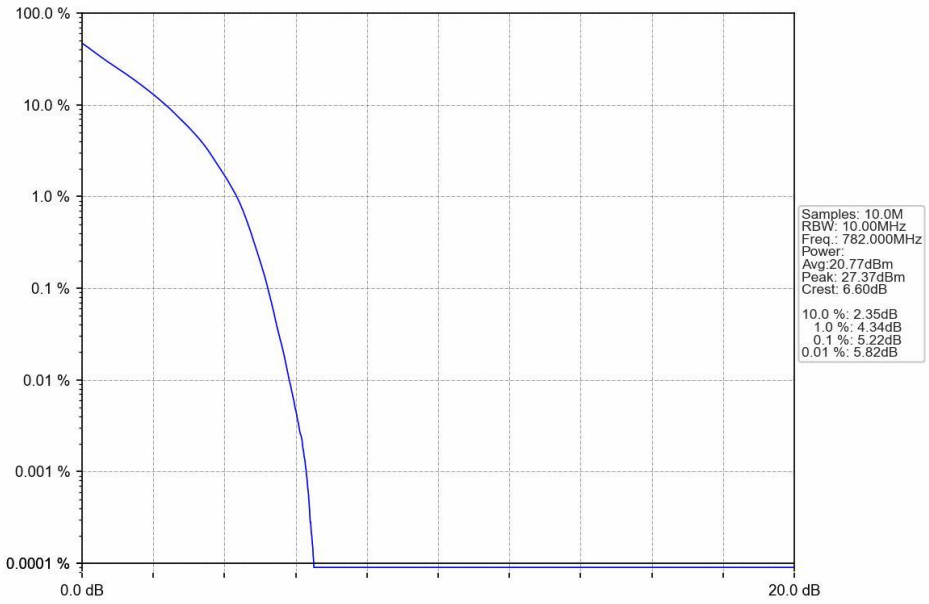
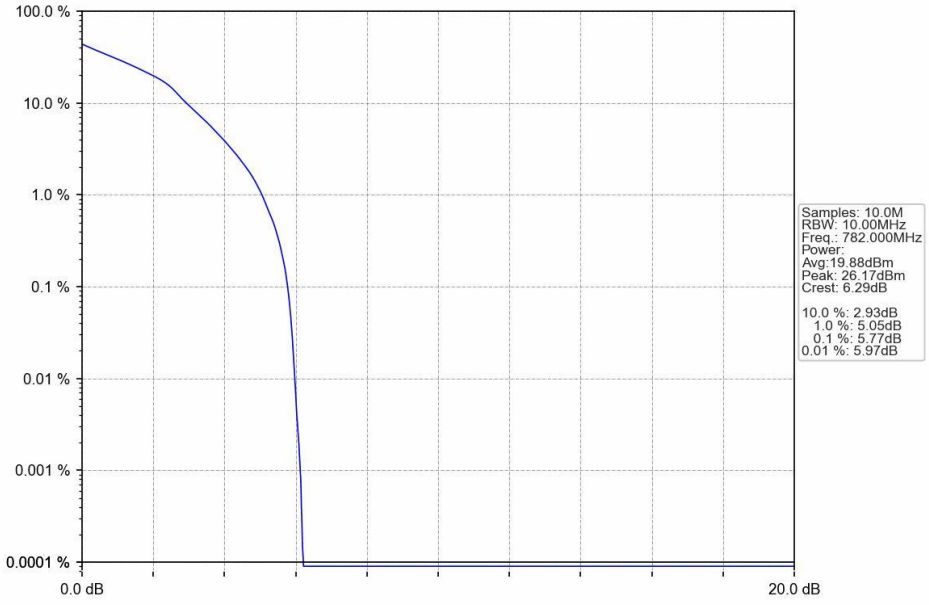
5.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



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6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass

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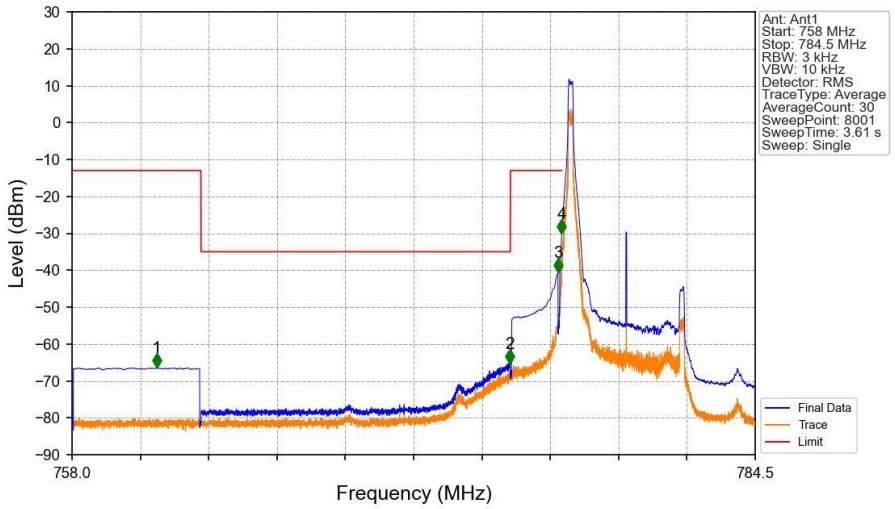
6.2 Test Graph

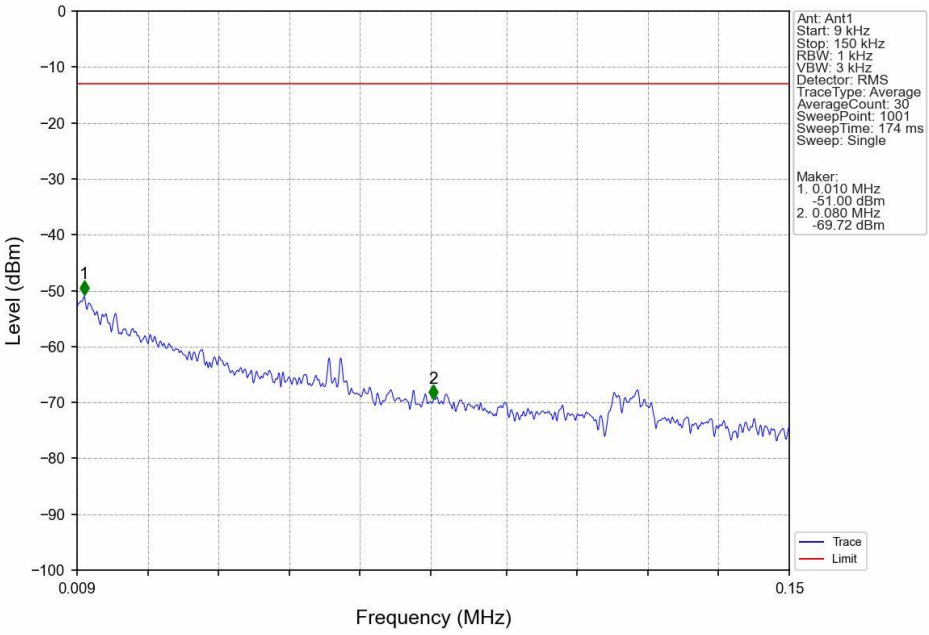
6.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

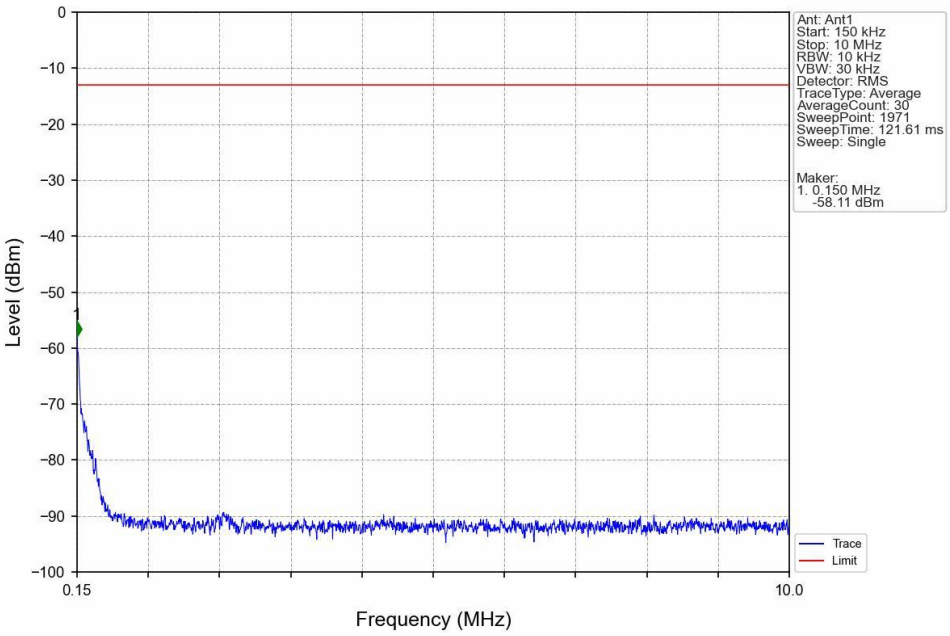


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.286	-66.41	-13	Pass
763	775	0.00625	CHP	2	774.980	-65.25	-35	Pass
775	776.9	0.1	CHP	3	776.848	-40.60	-13	Pass
776.9	777	0.03	CHP	4	776.997	-30.03	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

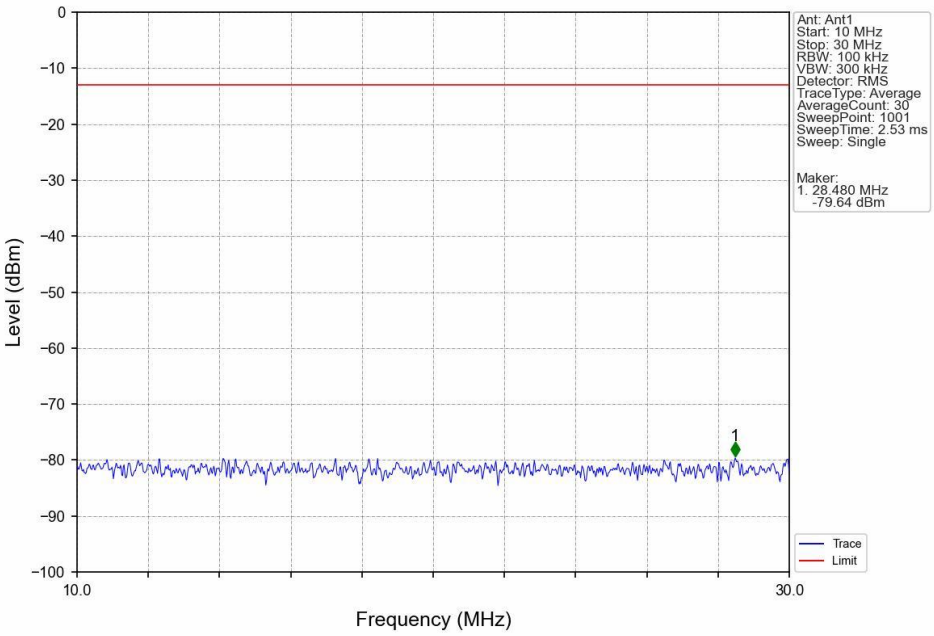
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



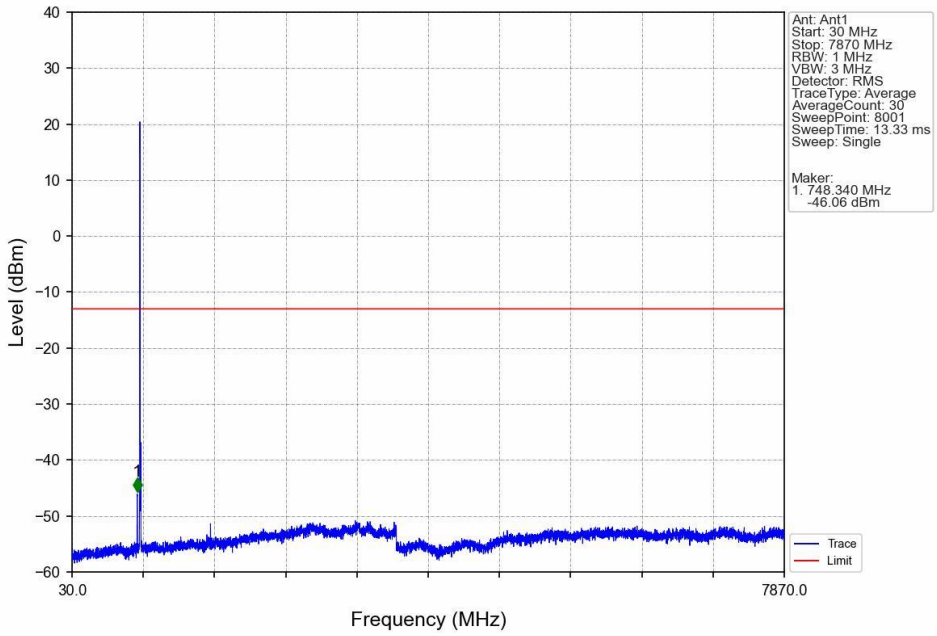
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



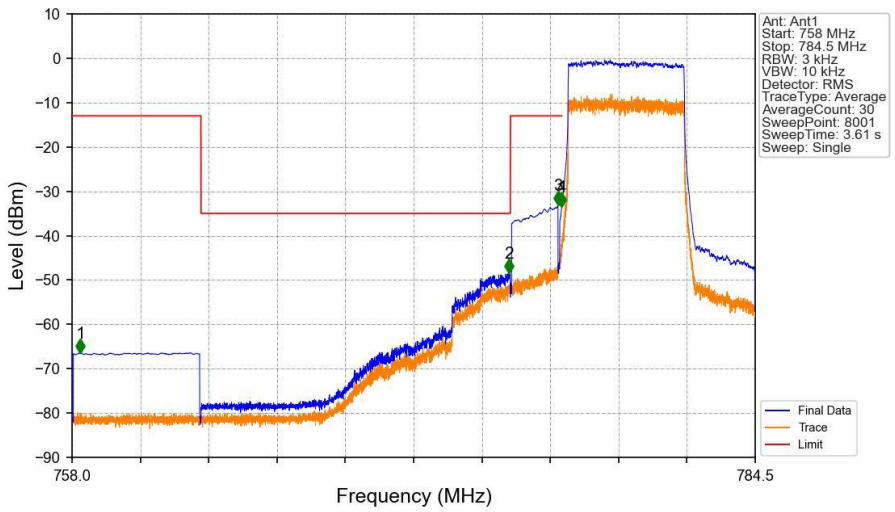
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.321	-66.40	-13	Pass
763	775	0.00625	CHP	2	774.947	-48.44	-35	Pass
775	776.9	0.1	CHP	3	776.848	-33.11	-13	Pass
776.9	777	0.03	CHP	4	776.997	-33.47	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

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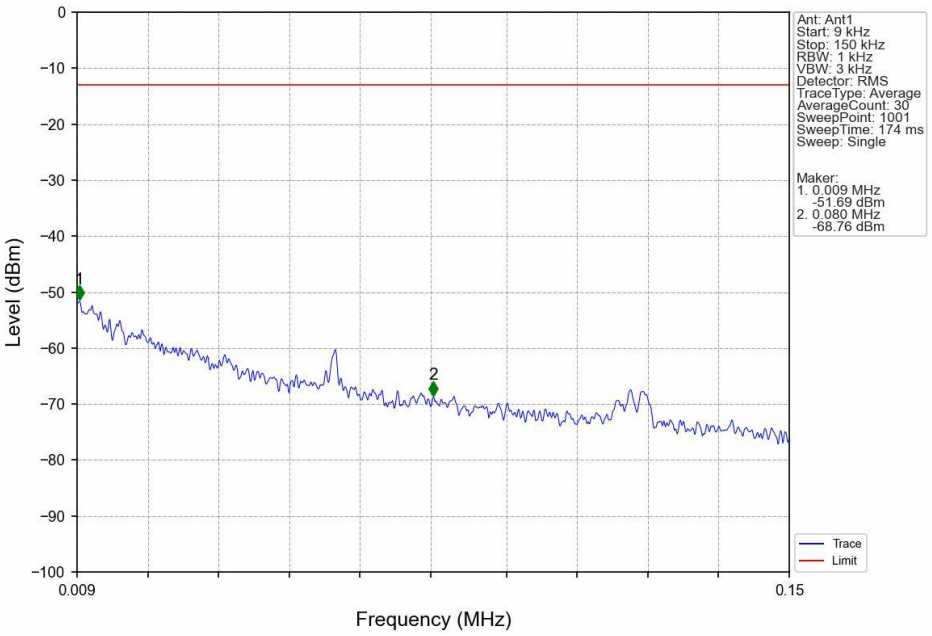
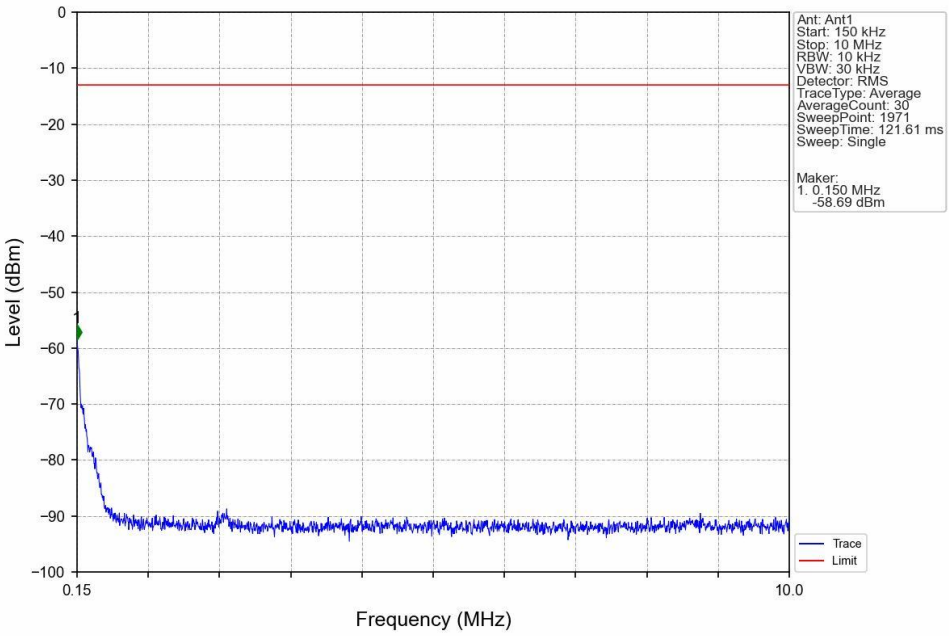
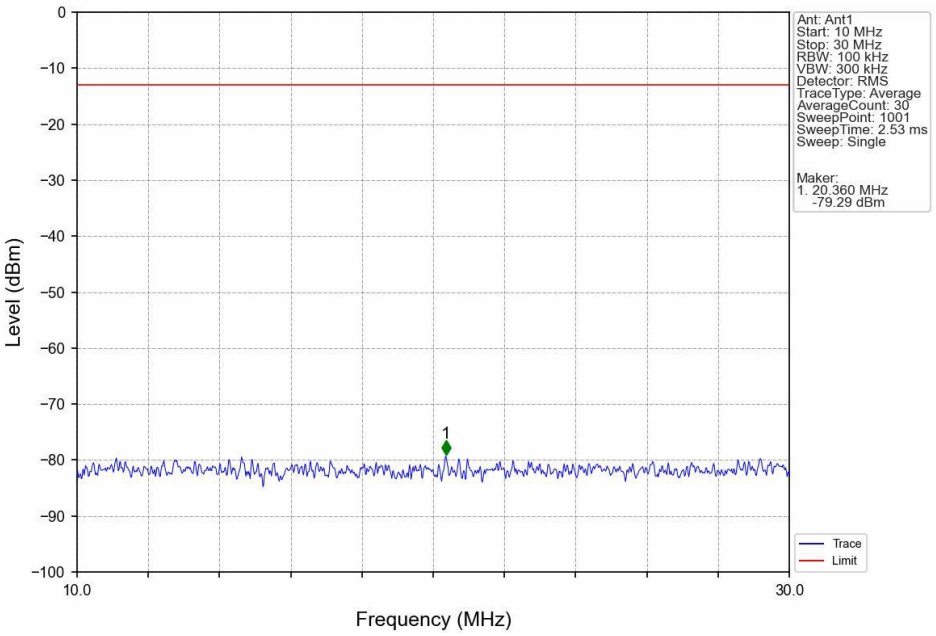
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



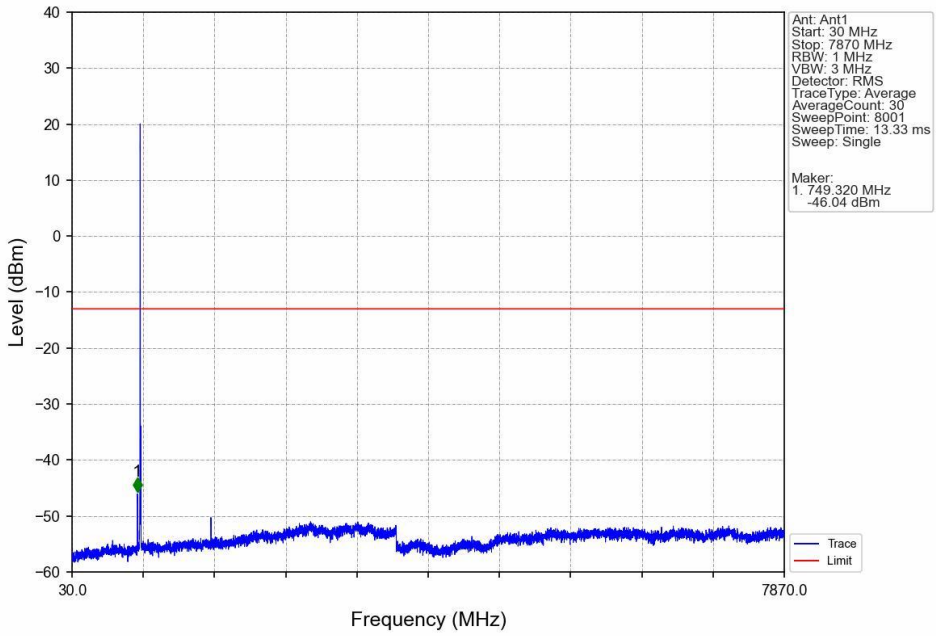
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



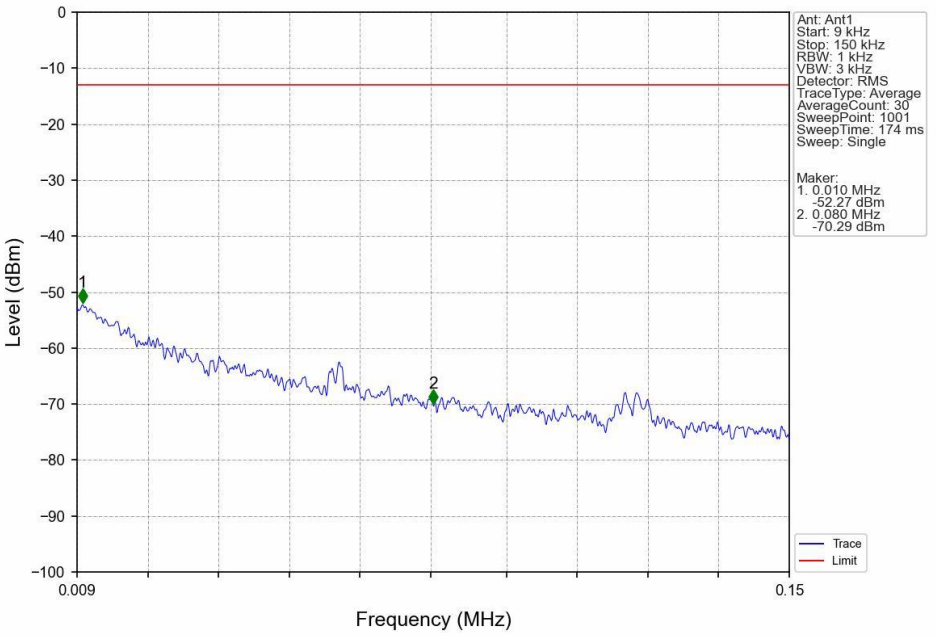
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



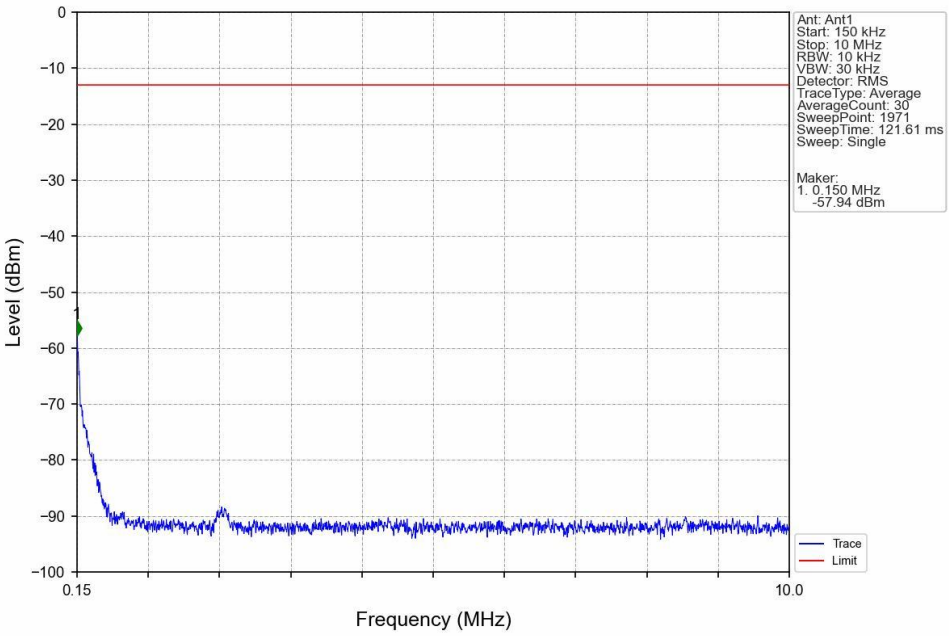
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



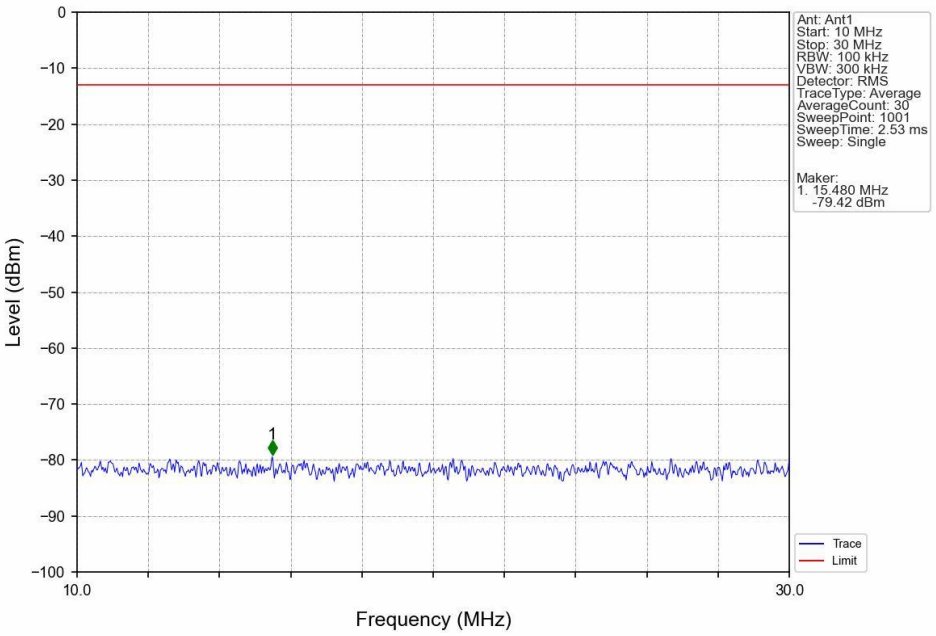
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



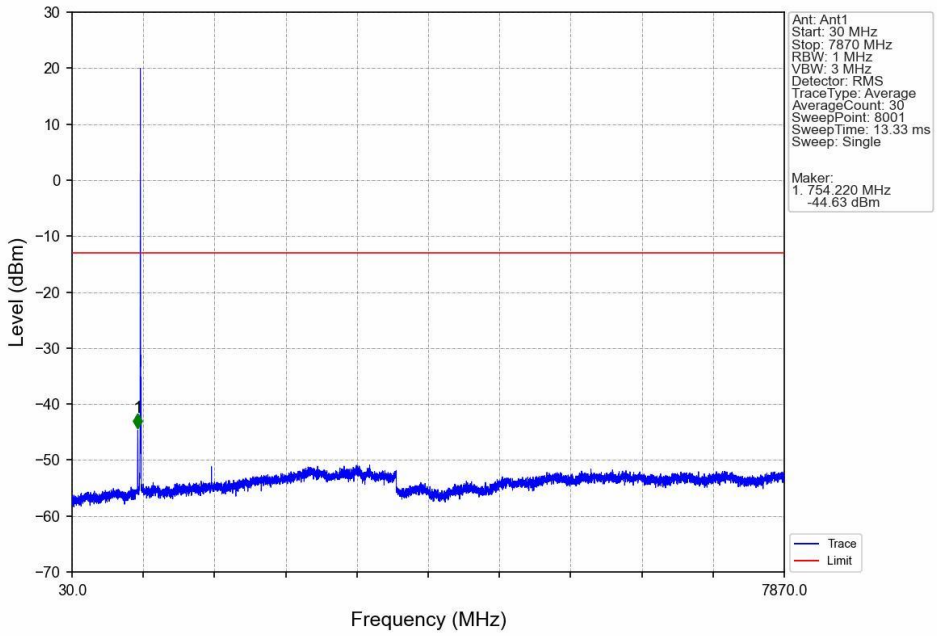
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



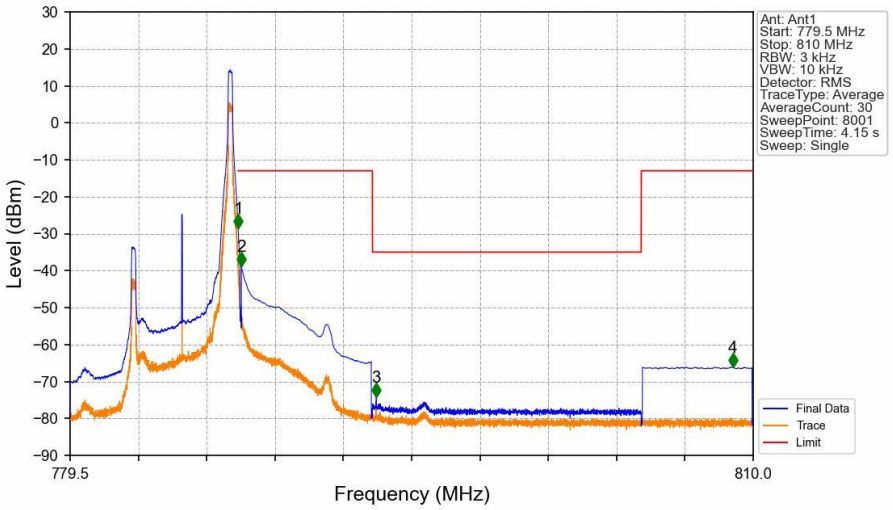
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

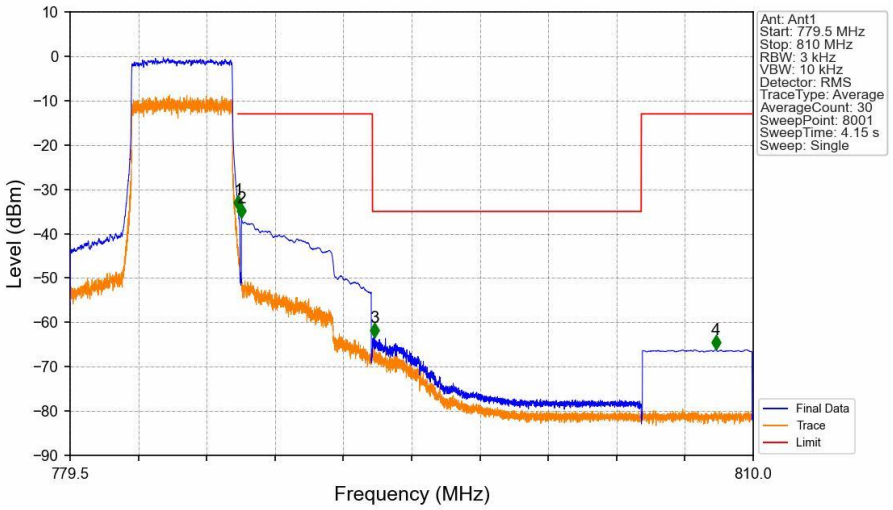


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-28.44	-13	Pass
787.1	793	0.1	CHP	2	787.152	-38.88	-13	Pass
793	805	0.00625	CHP	3	793.172	-74.27	-35	Pass
805	810	0.1	CHP	4	809.081	-66.12	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-34.59	-13	Pass
787.1	793	0.1	CHP	2	787.152	-36.36	-13	Pass
793	805	0.00625	CHP	3	793.088	-63.36	-35	Pass
805	810	0.1	CHP	4	808.334	-66.17	-13	Pass

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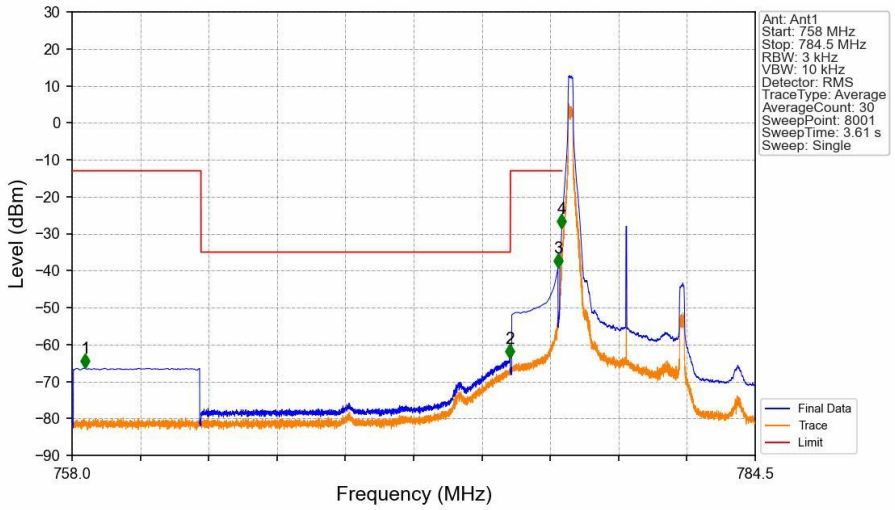
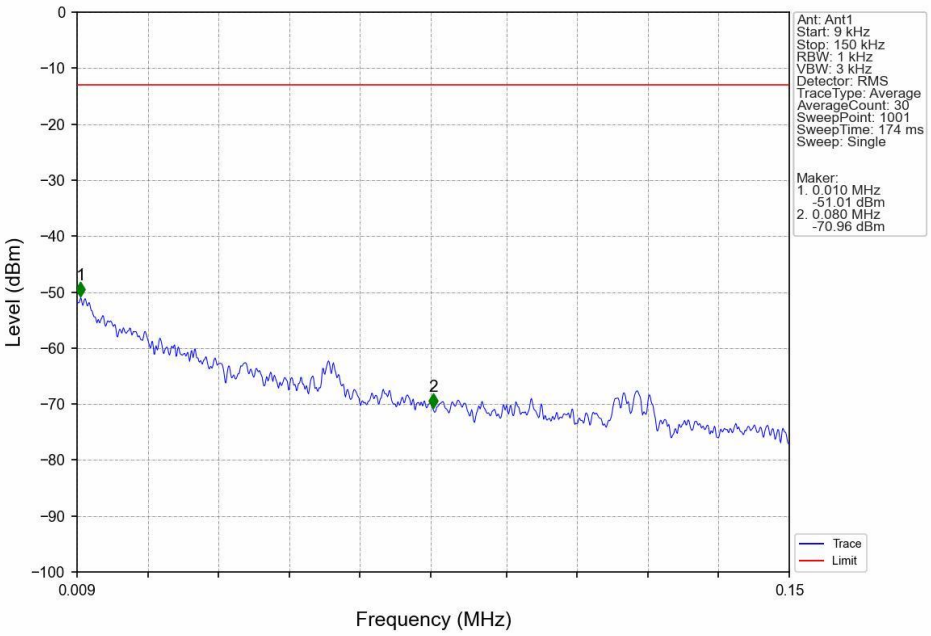
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

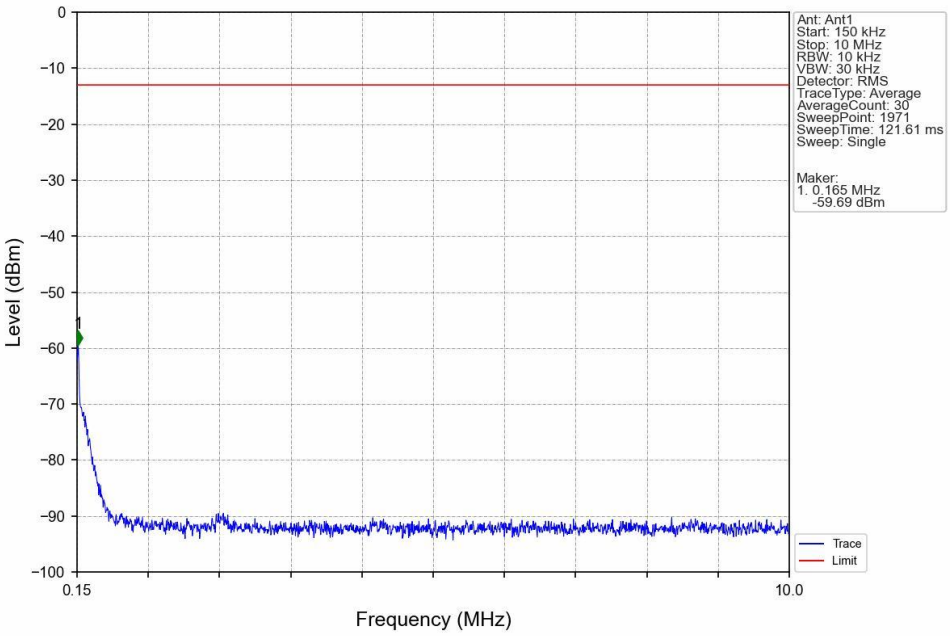


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.504	-66.40	-13	Pass
763	775	0.00625	CHP	2	774.970	-63.76	-35	Pass
775	776.9	0.1	CHP	3	776.848	-39.26	-13	Pass
776.9	777	0.03	CHP	4	776.997	-28.62	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

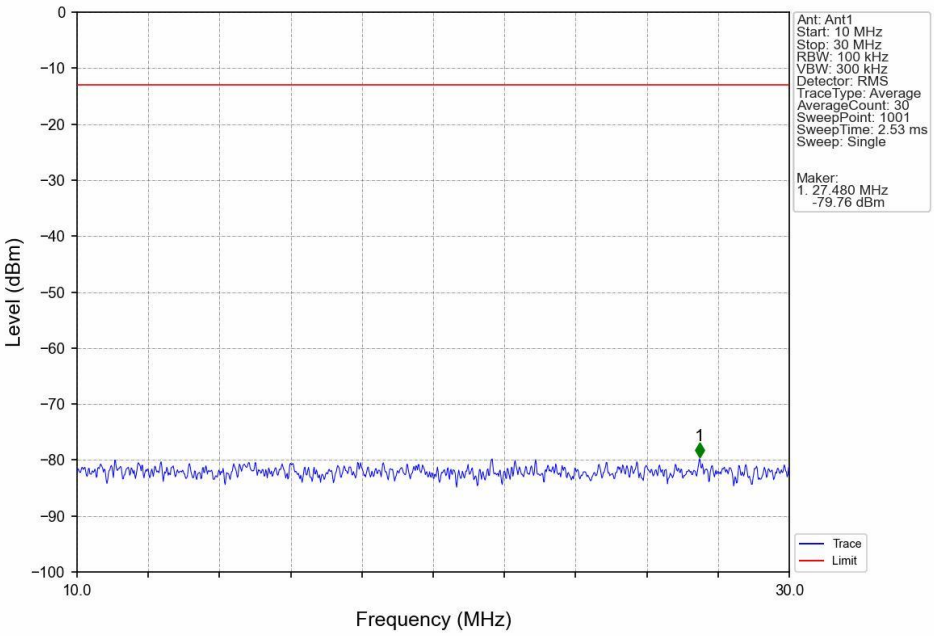
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



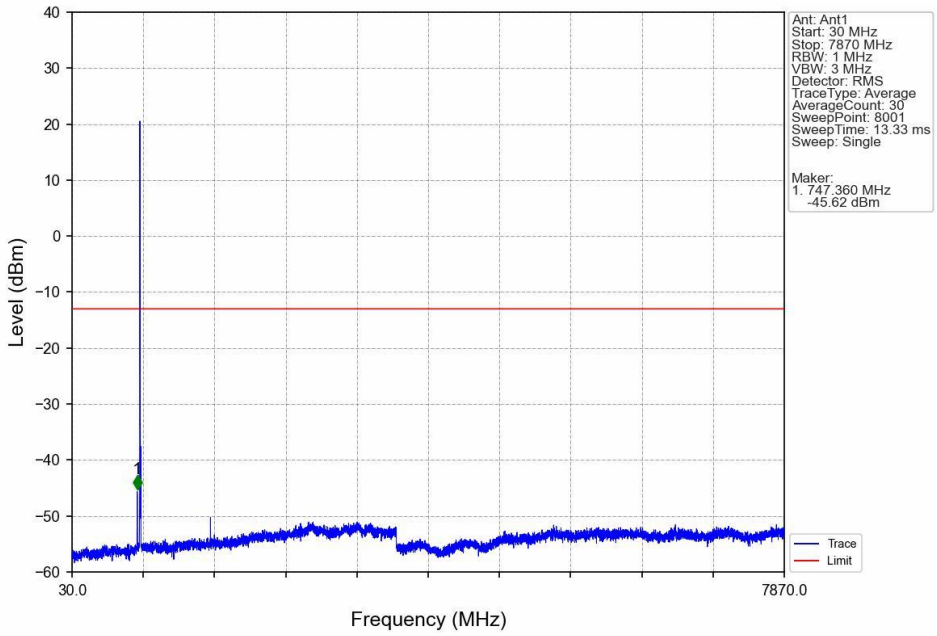
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



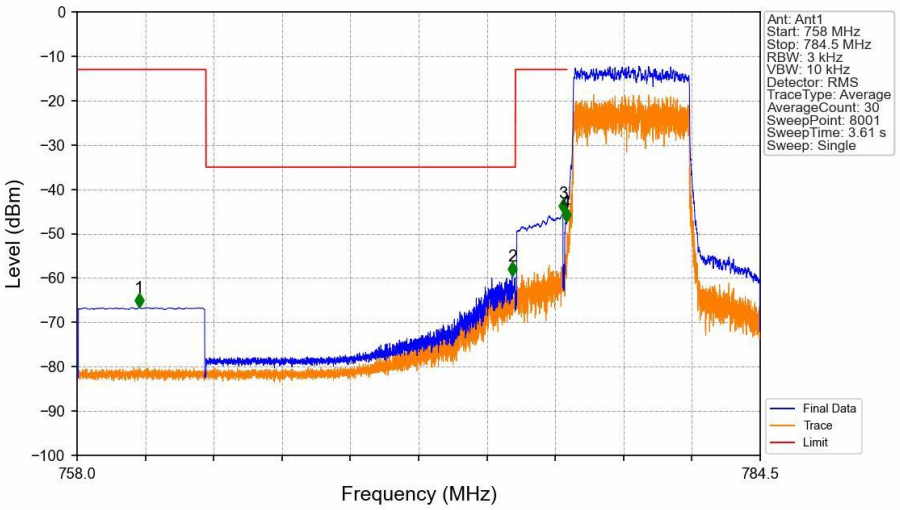
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

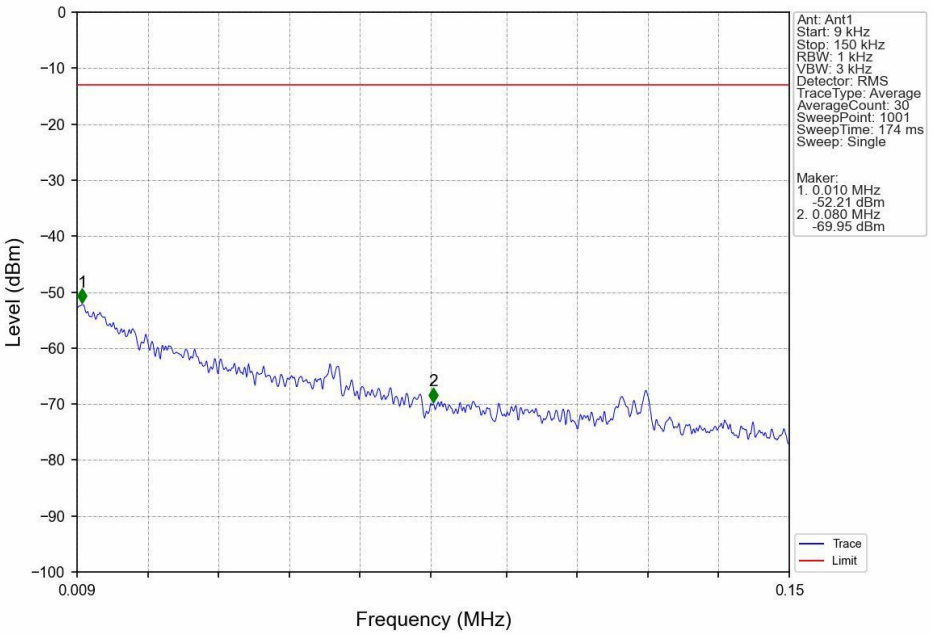


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

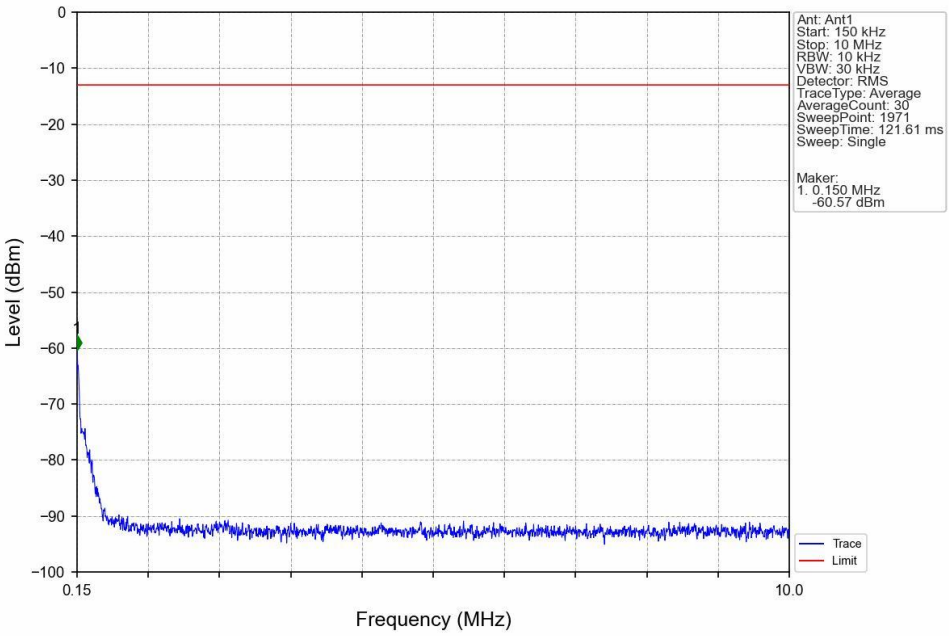


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.408	-66.60	-13	Pass
763	775	0.00625	CHP	2	774.874	-59.54	-35	Pass
775	776.9	0.1	CHP	3	776.841	-45.34	-13	Pass
776.9	777	0.03	CHP	4	776.974	-47.32	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

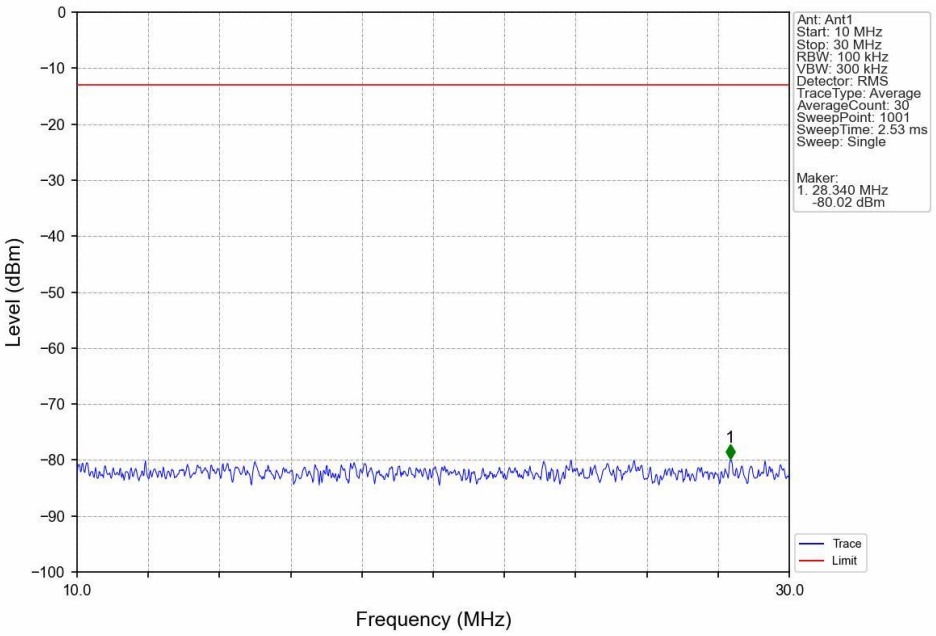
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



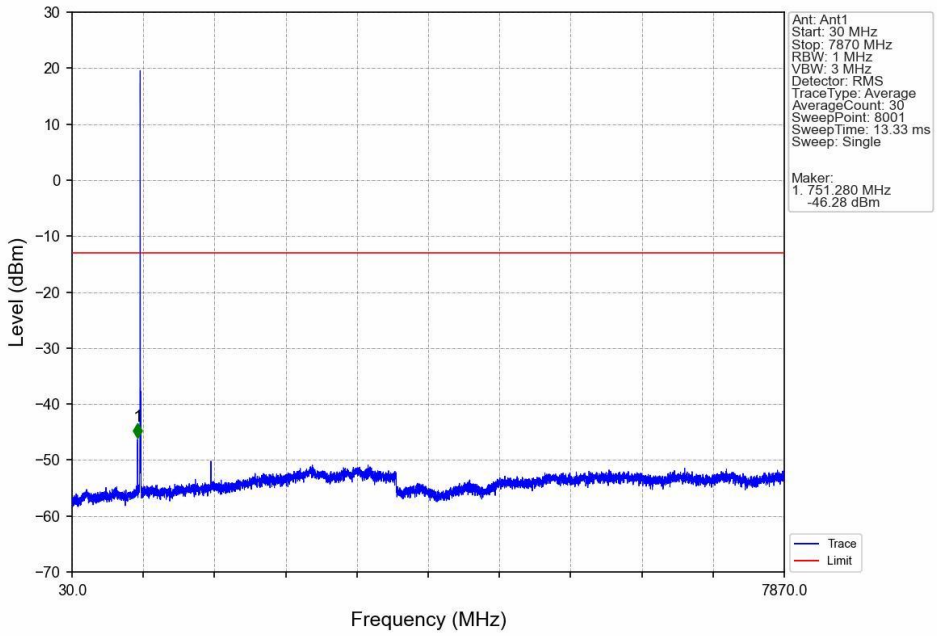
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



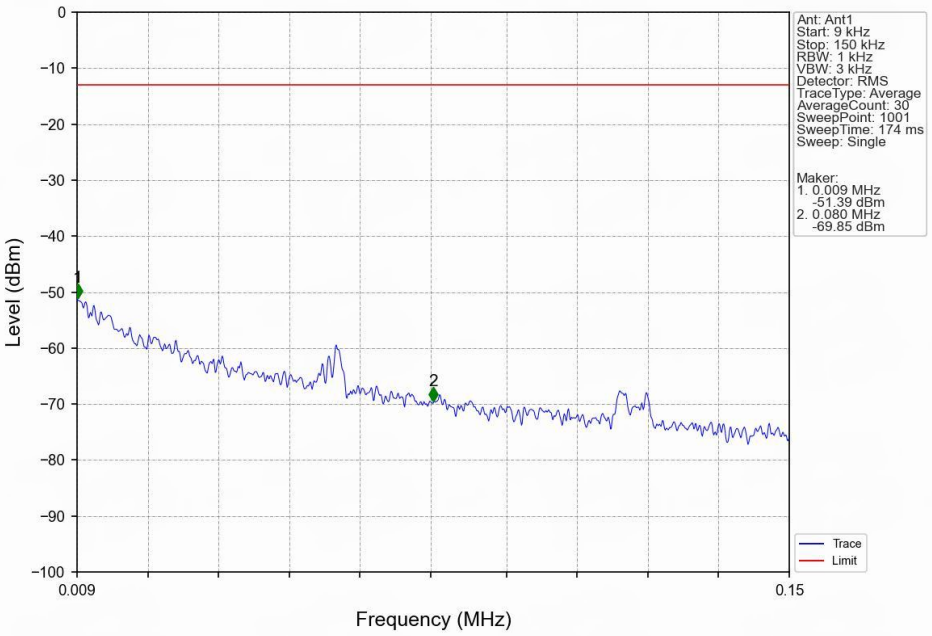
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



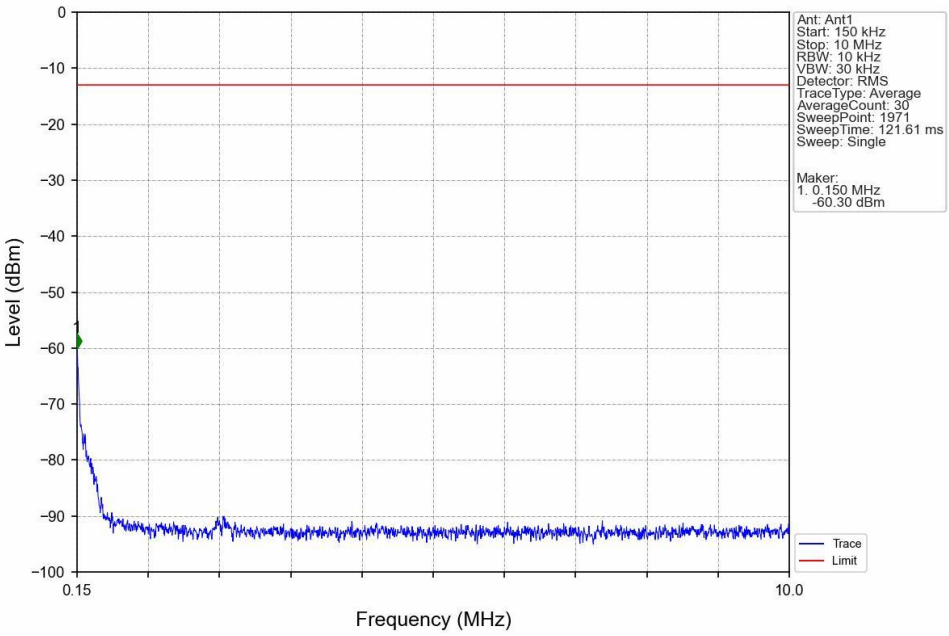
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



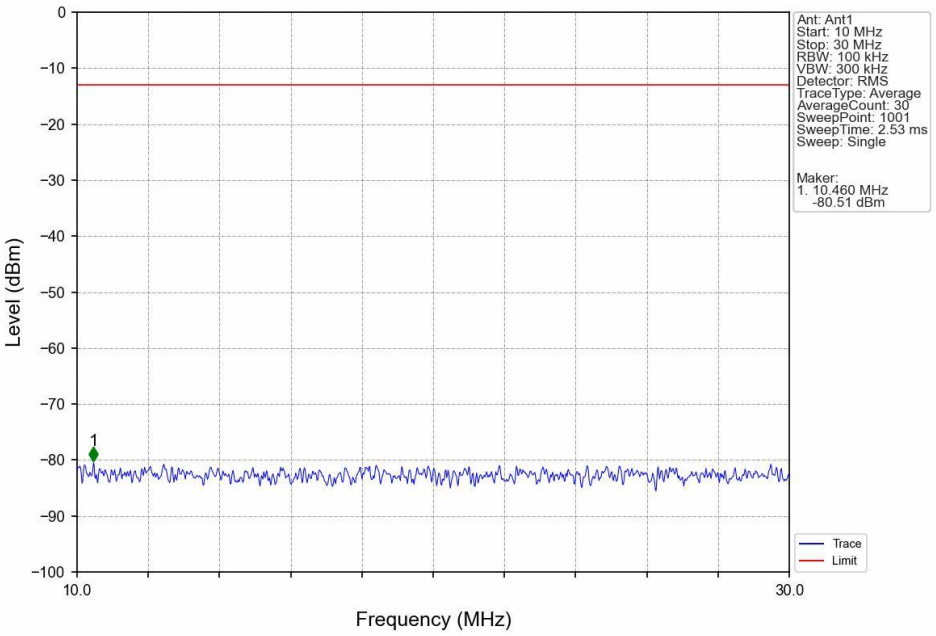
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



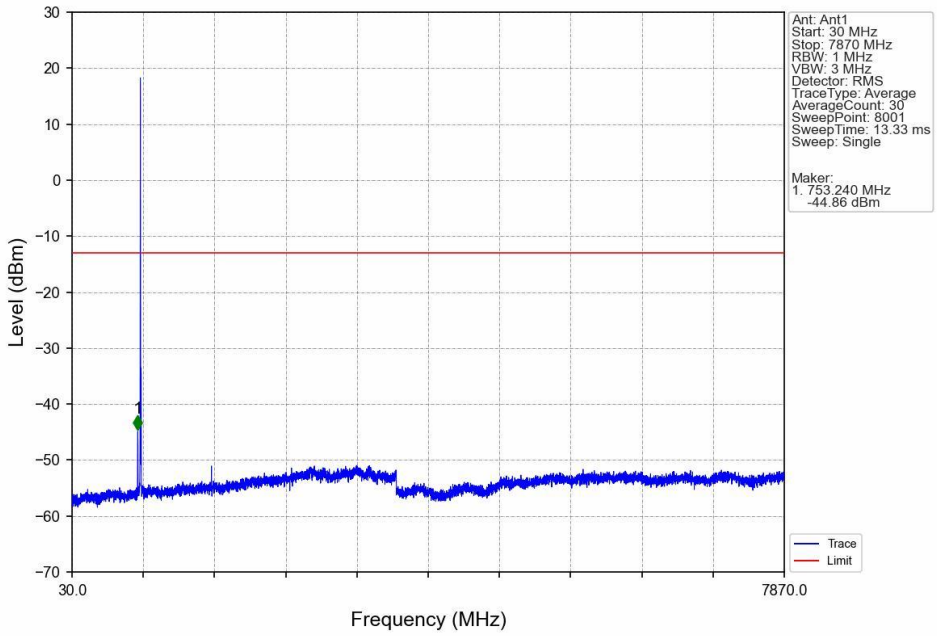
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



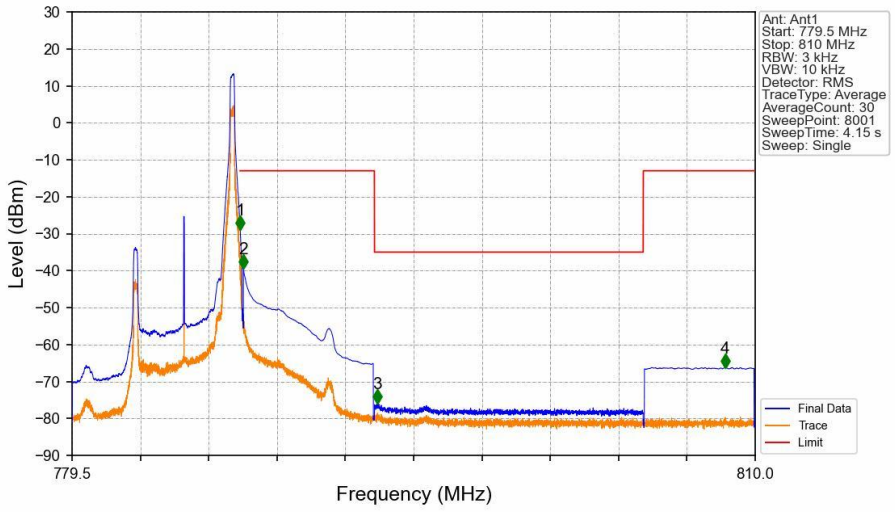
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

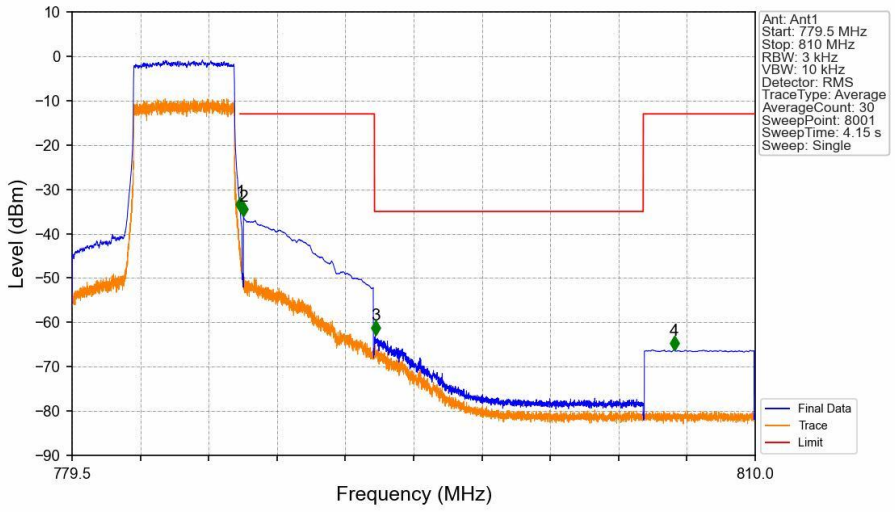


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-28.94	-13	Pass
787.1	793	0.1	CHP	2	787.152	-39.35	-13	Pass
793	805	0.00625	CHP	3	793.134	-76.01	-35	Pass
805	810	0.1	CHP	4	808.666	-66.23	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-34.98	-13	Pass
787.1	793	0.1	CHP	2	787.152	-35.99	-13	Pass
793	805	0.00625	CHP	3	793.038	-62.84	-35	Pass
805	810	0.1	CHP	4	806.386	-66.21	-13	Pass

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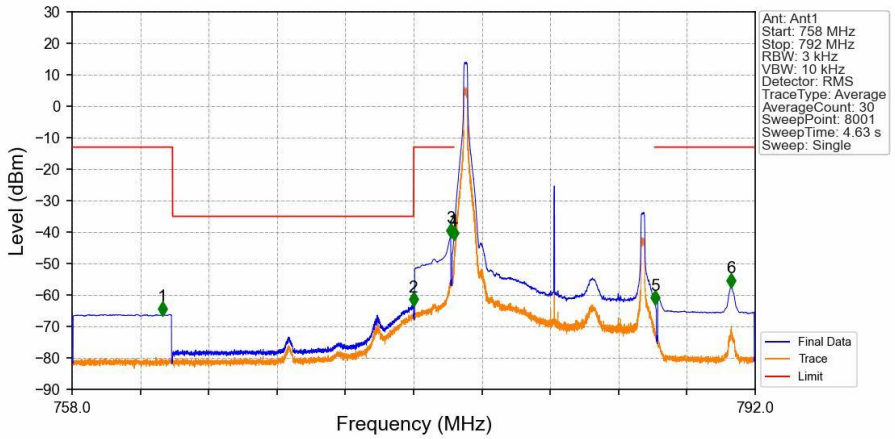
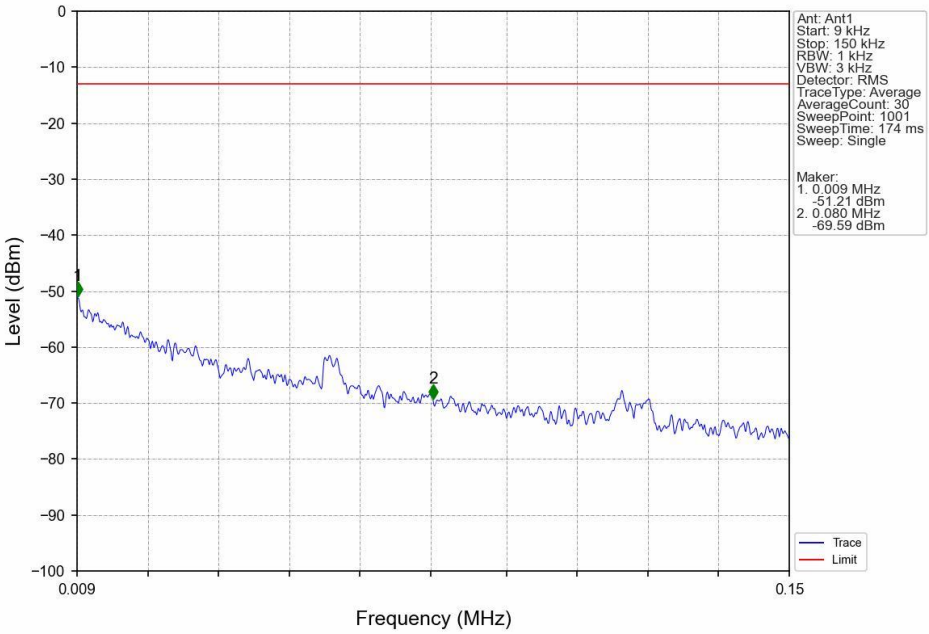
6.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

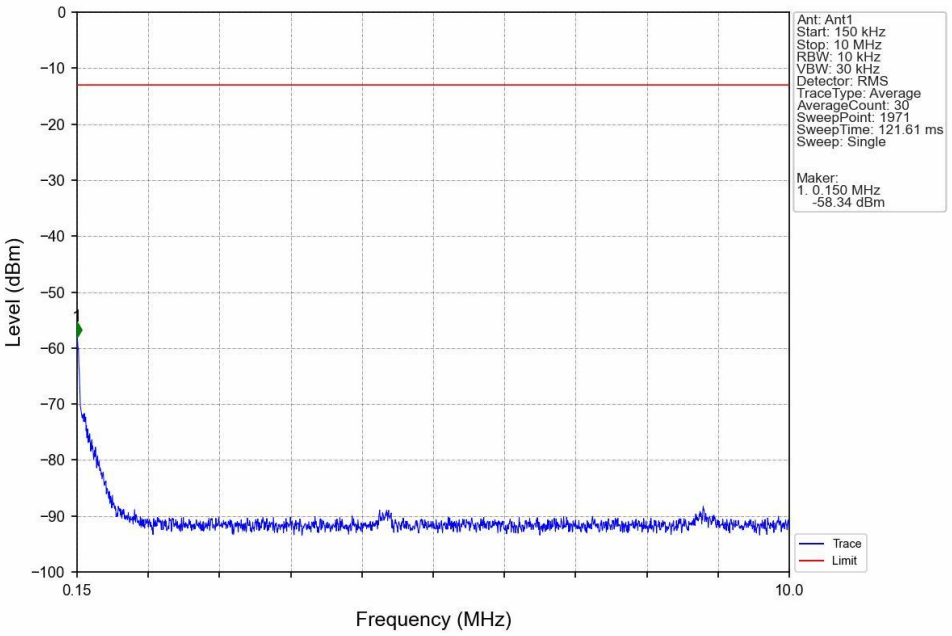


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.488	-66.20	-13	Pass
763	775	0.00625	CHP	2	774.987	-63.15	-35	Pass
775	776.9	0.1	CHP	3	776.849	-41.27	-13	Pass
776.9	777	0.03	CHP	4	776.997	-42.14	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-62.71	-13	Pass
787.1	792	0.1	CHP	6	790.802	-57.17	-13	Pass

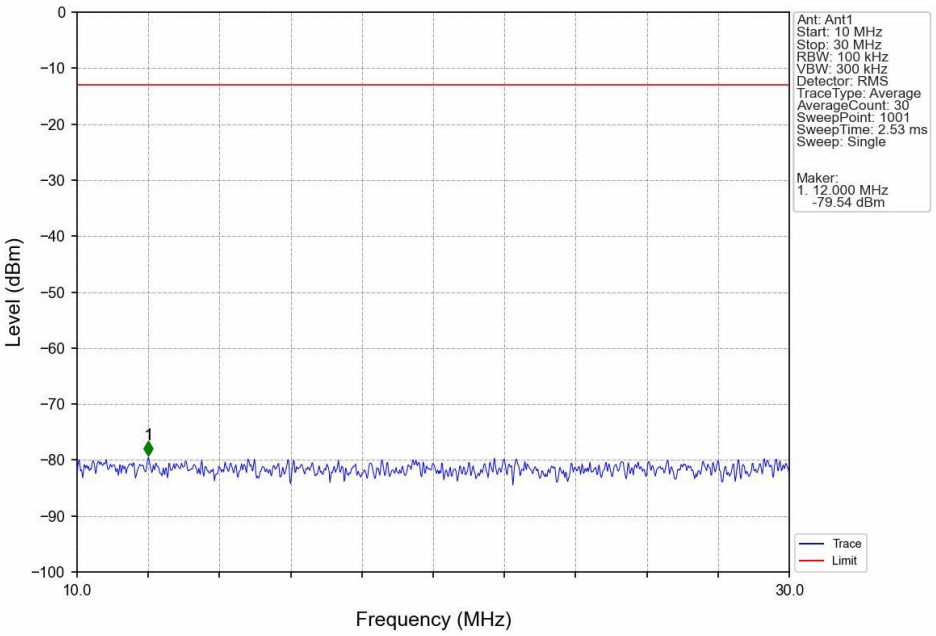
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



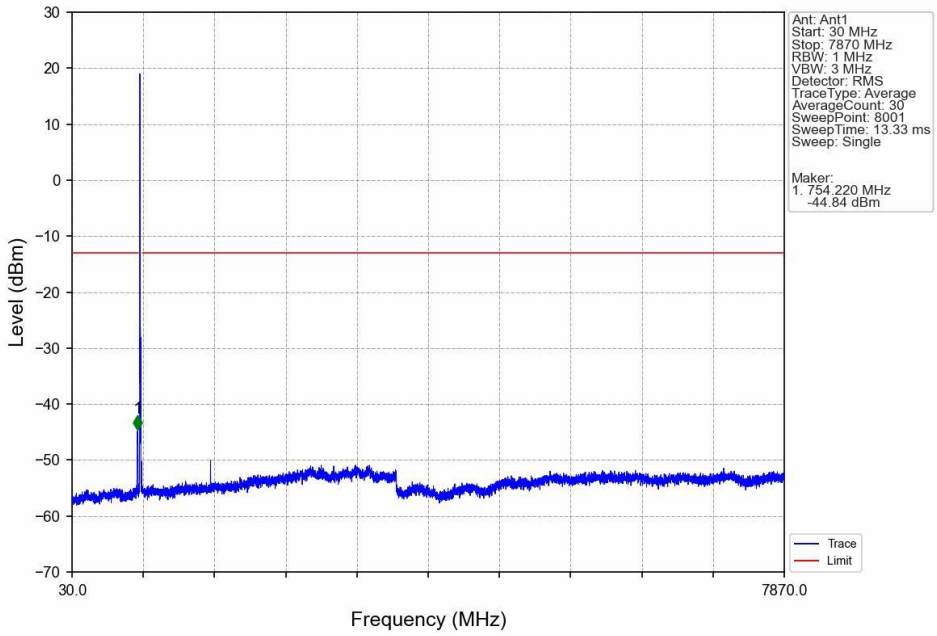
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



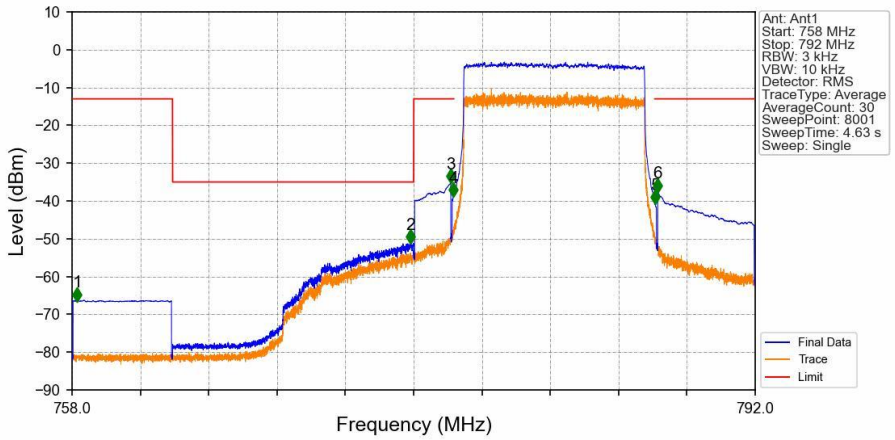
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

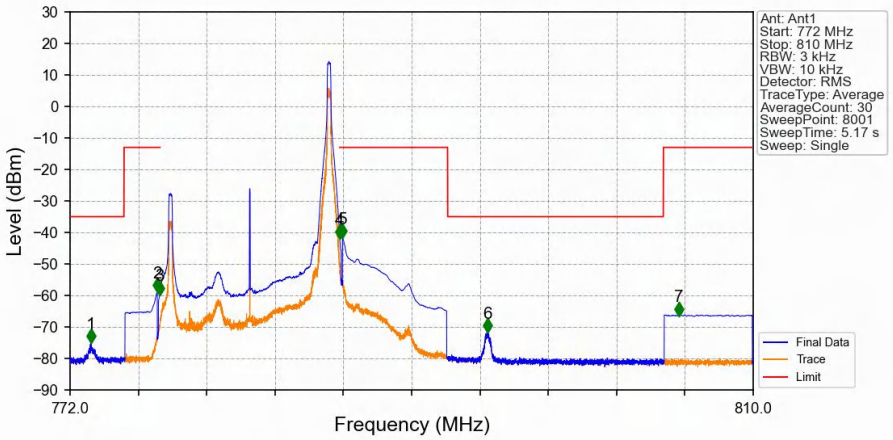


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



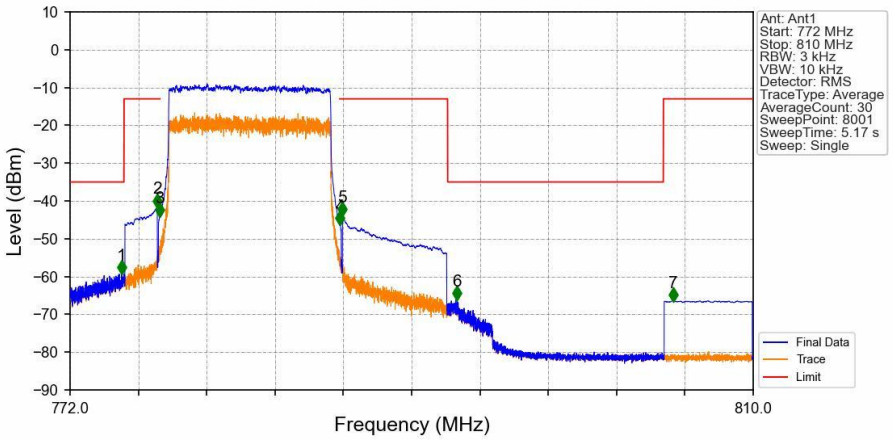
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.259	-66.26	-13	Pass
763	775	0.00625	CHP	2	774.851	-51.06	-35	Pass
775	776.9	0.1	CHP	3	776.849	-35.05	-13	Pass
776.9	777	0.03	CHP	4	776.989	-38.60	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-40.56	-13	Pass
787.1	792	0.1	CHP	6	787.151	-37.47	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.164	-74.76	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.54	-13	Pass
776.9	777	0.03	CHP	3	776.997	-59.50	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.73	-13	Pass
787.1	793	0.1	CHP	5	787.153	-41.43	-13	Pass
793	805	0.00625	CHP	6	795.223	-71.34	-35	Pass
805	810	0.1	CHP	7	805.877	-66.17	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.864	-59.07	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.48	-13	Pass
776.9	777	0.03	CHP	3	776.992	-43.97	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.010	-46.17	-13	Pass
787.1	793	0.1	CHP	5	787.153	-43.77	-13	Pass
793	805	0.00625	CHP	6	793.527	-66.00	-35	Pass
805	810	0.1	CHP	7	805.544	-66.38	-13	Pass

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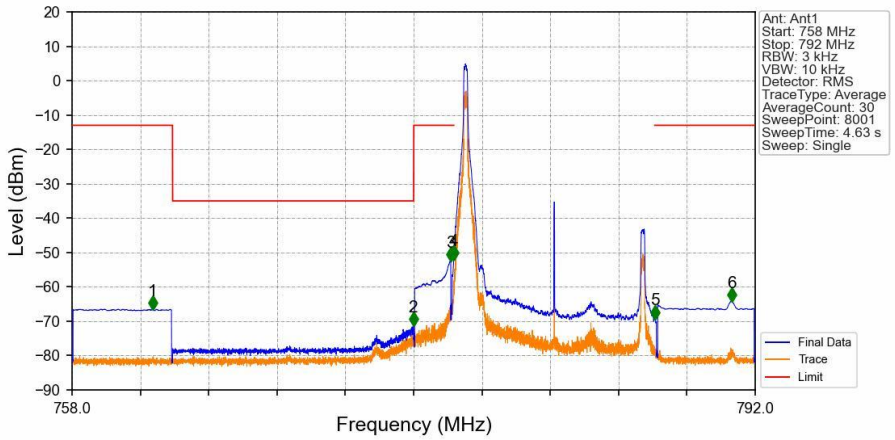
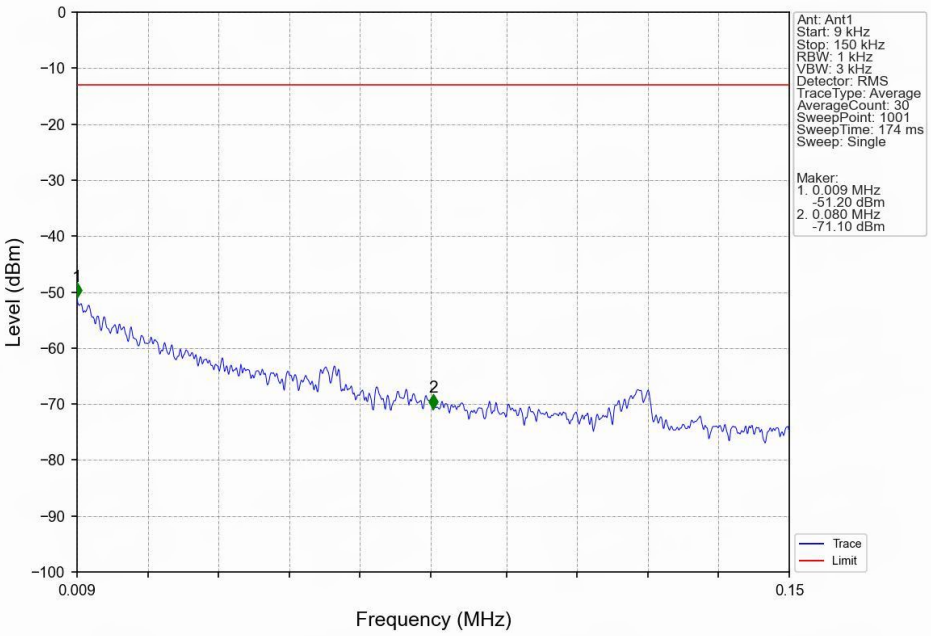
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

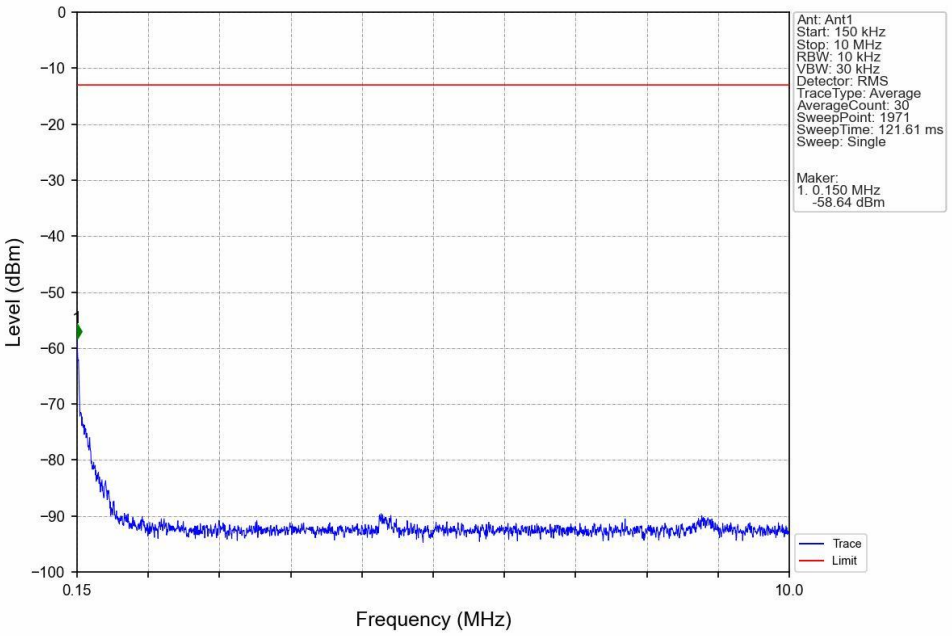


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.004	-66.47	-13	Pass
763	775	0.00625	CHP	2	774.987	-71.17	-35	Pass
775	776.9	0.1	CHP	3	776.849	-52.23	-13	Pass
776.9	777	0.03	CHP	4	776.997	-51.81	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.006	-69.07	-13	Pass
787.1	792	0.1	CHP	6	790.831	-64.08	-13	Pass

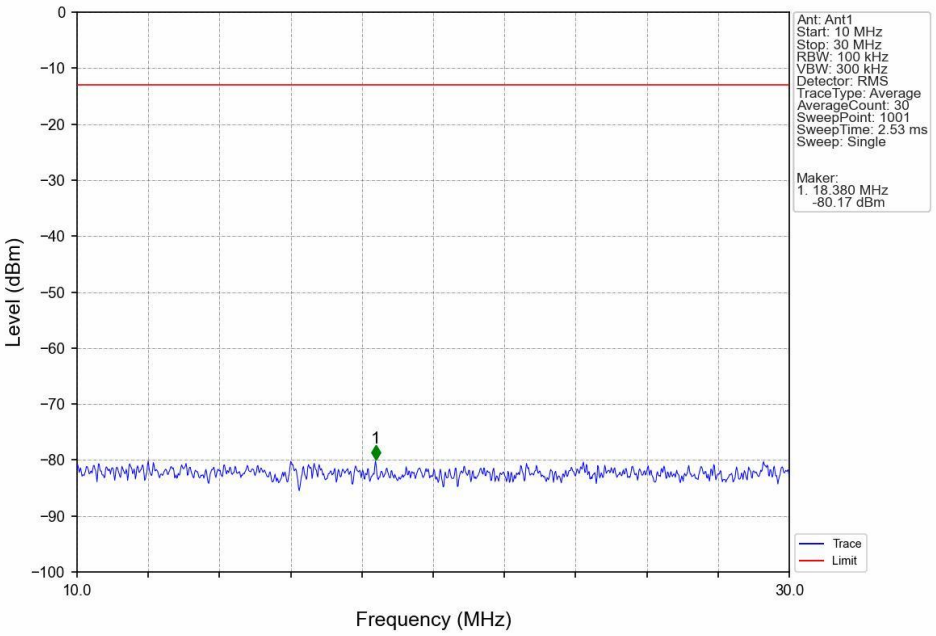
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



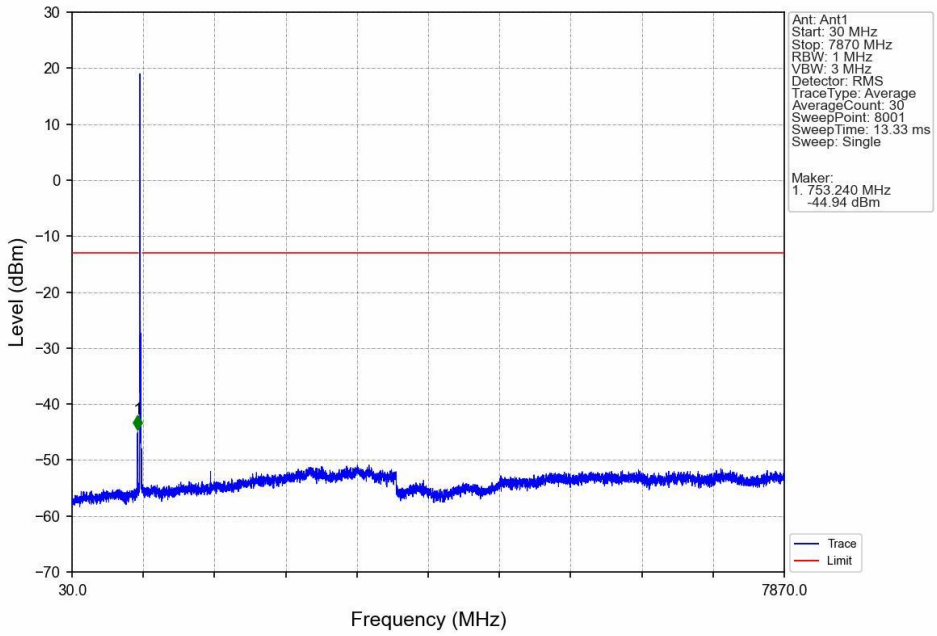
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



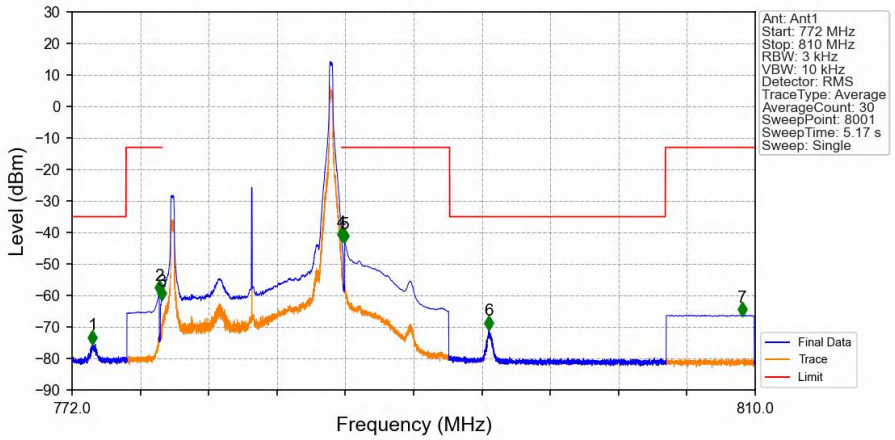
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.140	-75.16	-35	Pass
775	776.9	0.1	CHP	2	776.850	-59.34	-13	Pass
776.9	777	0.03	CHP	3	776.992	-61.25	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-42.40	-13	Pass
787.1	793	0.1	CHP	5	787.153	-42.89	-13	Pass
793	805	0.00625	CHP	6	795.189	-70.49	-35	Pass
805	810	0.1	CHP	7	809.292	-66.26	-13	Pass

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7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.1683	0.0035	ppm	4M56G7D	27F	22.26
13	5	779.5	784.5	0.1517	0.0030	ppm	4M58W7D	27F	21.81
13	10	782	782	0.1667	0.0023	ppm	9M04G7D	27F	22.22
13	10	782	782	0.1528	0.0017	ppm	5M07W7D	27F	21.84

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.0145	0.0035	ppm	4M56G7D	27F	11.61
13	5	779.5	784.5	0.0131	0.0030	ppm	4M58W7D	27F	11.16
13	10	782	782	0.0144	0.0023	ppm	9M04G7D	27F	11.57
13	10	782	782	0.0132	0.0017	ppm	5M07W7D	27F	11.19

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