1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP (ANT13)

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	22.89	-5.08	15.66	<=34.77	Pass
			13	22.93	-5.08	15.7	<=34.77	Pass
			24	22.84	-5.08	15.61	<=34.77	Pass
		12	0	21.92	-5.08	14.69	<=34.77	Pass
			6	21.94	-5.08	14.71	<=34.77	Pass
			13	21.93	-5.08	14.7	<=34.77	Pass
		25	0	21.95	-5.08	14.72	<=34.77	Pass
	782	1	0	22.91	-5.08	15.68	<=34.77	Pass
			13	22.97	-5.08	15.74	<=34.77	Pass
			24	22.89	-5.08	15.66	<=34.77	Pass
		12	0	21.96	-5.08	14.73	<=34.77	Pass
			6	21.97	-5.08	14.74	<=34.77	Pass
			13	21.96	-5.08	14.73	<=34.77	Pass
		25	0	22.02	-5.08	14.79	<=34.77	Pass
	784.5	1	0	23.04	-5.08	15.81	<=34.77	Pass
			13	22.98	-5.08	15.75	<=34.77	Pass
			24	22.95	-5.08	15.72	<=34.77	Pass
		12	0	21.96	-5.08	14.73	<=34.77	Pass
			6	21.95	-5.08	14.72	<=34.77	Pass
			13	21.97	-5.08	14.74	<=34.77	Pass
		25	0	21.93	-5.08	14.7	<=34.77	Pass
16QAM	779.5	1	0	22.24	-5.08	15.01	<=34.77	Pass
			13	22.37	-5.08	15.14	<=34.77	Pass
			24	22.3	-5.08	15.07	<=34.77	Pass
		12	0	20.91	-5.08	13.68	<=34.77	Pass
			6	21.03	-5.08	13.8	<=34.77	Pass
			13	21.07	-5.08	13.84	<=34.77	Pass
		25	0	20.96	-5.08	13.73	<=34.77	Pass
	782	1	0	22.24	-5.08	15.01	<=34.77	Pass
			13	22.37	-5.08	15.14	<=34.77	Pass
			24	22.11	-5.08	14.88	<=34.77	Pass
		12	0	20.98	-5.08	13.75	<=34.77	Pass
			6	21.06	-5.08	13.83	<=34.77	Pass
			13	20.99	-5.08	13.76	<=34.77	Pass
		25	0	20.95	-5.08	13.72	<=34.77	Pass
	784.5	1	0	22.25	-5.08	15.02	<=34.77	Pass
			13	22.37	-5.08	15.14	<=34.77	Pass
			24	22.37	-5.08	15.14	<=34.77	Pass
		12	0	20.98	-5.08	13.75	<=34.77	Pass
			6	21.01	-5.08	13.78	<=34.77	Pass
			13	21.02	-5.08	13.79	<=34.77	Pass
		25	0	20.96	-5.08	13.73	<=34.77	Pass
64QAM	779.5	1	0	21.91	-5.08	14.68	<=34.77	Pass
			13	22.26	-5.08	15.03	<=34.77	Pass
			24	22.2	-5.08	14.97	<=34.77	Pass
		12	0	20.9	-5.08	13.67	<=34.77	Pass
			6	20.99	-5.08	13.76	<=34.77	Pass
			13	20.91	-5.08	13.68	<=34.77	Pass
		25	0	20.98	-5.08	13.75	<=34.77	Pass

	782	1	0	22.01	-5.08	14.78	<=34.77	Pass
			13	22.17	-5.08	14.94	<=34.77	Pass
			24	21.98	-5.08	14.75	<=34.77	Pass
		12	0	21.06	-5.08	13.83	<=34.77	Pass
			6	20.97	-5.08	13.74	<=34.77	Pass
			13	21.02	-5.08	13.79	<=34.77	Pass
		25	0	20.92	-5.08	13.69	<=34.77	Pass
	784.5	1	0	22	-5.08	14.77	<=34.77	Pass
			13	22.19	-5.08	14.96	<=34.77	Pass
			24	22.01	-5.08	14.78	<=34.77	Pass
		12	0	20.89	-5.08	13.66	<=34.77	Pass
			6	20.89	-5.08	13.66	<=34.77	Pass
			13	21.02	-5.08	13.79	<=34.77	Pass
		25	0	20.97	-5.08	13.74	<=34.77	Pass
256QAM	779.5	1	0	18.01	-5.08	10.78	<=34.77	Pass
			13	18.2	-5.08	10.97	<=34.77	Pass
			24	18.24	-5.08	11.01	<=34.77	Pass
		12	0	17.82	-5.08	10.59	<=34.77	Pass
			6	18.07	-5.08	10.84	<=34.77	Pass
			13	18.06	-5.08	10.83	<=34.77	Pass
		25	0	18.06	-5.08	10.83	<=34.77	Pass
	782	1	0	17.48	-5.08	10.25	<=34.77	Pass
			13	18.21	-5.08	10.98	<=34.77	Pass
			24	18.13	-5.08	10.9	<=34.77	Pass
		12	0	17.47	-5.08	10.24	<=34.77	Pass
			6	18	-5.08	10.77	<=34.77	Pass
			13	18.09	-5.08	10.86	<=34.77	Pass
		25	0	17.98	-5.08	10.75	<=34.77	Pass
	784.5	1	0	18.05	-5.08	10.82	<=34.77	Pass
			13	18.24	-5.08	11.01	<=34.77	Pass
			24	17.85	-5.08	10.62	<=34.77	Pass
		12	0	17.98	-5.08	10.75	<=34.77	Pass
			6	18.05	-5.08	10.82	<=34.77	Pass
			13	18.05	-5.08	10.82	<=34.77	Pass
		25	0	17.96	-5.08	10.73	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B13_10MHz_ERP (ANT13)

Band: 13 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	22.85	-5.08	15.62	<=34.77	Pass
			25	22.94	-5.08	15.71	<=34.77	Pass
			49	22.84	-5.08	15.61	<=34.77	Pass
		25	0	21.96	-5.08	14.73	<=34.77	Pass
			13	22.08	-5.08	14.85	<=34.77	Pass
			25	22.02	-5.08	14.79	<=34.77	Pass
		50	0	22.01	-5.08	14.78	<=34.77	Pass
16QAM	782	1	0	22.2	-5.08	14.97	<=34.77	Pass
			25	22.29	-5.08	15.06	<=34.77	Pass
			49	22.41	-5.08	15.18	<=34.77	Pass
		25	0	20.94	-5.08	13.71	<=34.77	Pass
			13	20.97	-5.08	13.74	<=34.77	Pass
			25	21.04	-5.08	13.81	<=34.77	Pass
		50	0	20.98	-5.08	13.75	<=34.77	Pass
64QAM	782	1	0	22.05	-5.08	14.82	<=34.77	Pass

			25	22.16	-5.08	14.93	<=34.77	Pass
			49	22.07	-5.08	14.84	<=34.77	Pass
		25	0	20.91	-5.08	13.68	<=34.77	Pass
			13	21.02	-5.08	13.79	<=34.77	Pass
			25	21.03	-5.08	13.8	<=34.77	Pass
		50	0	20.93	-5.08	13.7	<=34.77	Pass
256QAM	782	1	0	18.11	-5.08	10.88	<=34.77	Pass
			25	18.55	-5.08	11.32	<=34.77	Pass
			49	18.15	-5.08	10.92	<=34.77	Pass
		25	0	17.79	-5.08	10.56	<=34.77	Pass
			13	18.37	-5.08	11.14	<=34.77	Pass
			25	18.07	-5.08	10.84	<=34.77	Pass
		50	0	18	-5.08	10.77	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 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	
QPSK	782	50	0	20	3.7	-0.800	-0.0010	/	Pass
					3.91	-0.400	-0.0005	/	Pass
					4.4	0.500	0.0006	/	Pass
				-30	3.91	-1.500	-0.0019	/	Pass
				-20	3.91	1.000	0.0013	/	Pass
				-10	3.91	-0.600	-0.0008	/	Pass
				0	3.91	-1.600	-0.0020	/	Pass
				10	3.91	-1.300	-0.0017	/	Pass
				30	3.91	-0.200	-0.0003	/	Pass
				40	3.91	-0.200	-0.0003	/	Pass
				50	3.91	-0.800	-0.0010	/	Pass
16QAM	782	50	0	20	3.7	0.500	0.0006	/	Pass
					3.91	0.300	0.0004	/	Pass
					4.4	-1.100	-0.0014	/	Pass
				-30	3.91	1.200	0.0015	/	Pass
				-20	3.91	-1.200	-0.0015	/	Pass
				-10	3.91	-1.600	-0.0020	/	Pass
				0	3.91	0.100	0.0001	/	Pass
				10	3.91	-1.500	-0.0019	/	Pass
				30	3.91	-0.200	-0.0003	/	Pass
				40	3.91	-0.300	-0.0004	/	Pass
				50	3.91	0.400	0.0005	/	Pass
64QAM	782	50	0	20	3.7	19.600	0.0251	/	Pass
					3.91	-4.300	-0.0055	/	Pass
					4.4	6.900	0.0088	/	Pass
				-30	3.91	11.900	0.0152	/	Pass
				-20	3.91	-18.300	-0.0234	/	Pass
				-10	3.91	0.500	0.0006	/	Pass
				0	3.91	-14.400	-0.0184	/	Pass
				10	3.91	5.300	0.0068	/	Pass
				30	3.91	2.300	0.0029	/	Pass
				40	3.91	10.900	0.0139	/	Pass

				50	3.91	17.900	0.0229	/	Pass
256QAM	782	50	0	20	3.7	0.200	0.0003	/	Pass
					3.91	-0.700	-0.0009	/	Pass
					4.4	-1.000	-0.0013	/	Pass
				-30	3.91	0.400	0.0005	/	Pass
				-20	3.91	0.600	0.0008	/	Pass
				-10	3.91	0.100	0.0001	/	Pass
				0	3.91	-0.900	-0.0012	/	Pass
				10	3.91	-1.300	-0.0017	/	Pass
				30	3.91	-0.200	-0.0003	/	Pass
				40	3.91	-0.700	-0.0009	/	Pass
				50	3.91	0.500	0.0006	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	4.568	/	Pass
		782	25	0	4.553	/	Pass
		784.5	25	0	4.545	/	Pass
	16QAM	779.5	25	0	4.585	/	Pass
		782	25	0	4.567	/	Pass
		784.5	25	0	4.544	/	Pass
	64QAM	779.5	25	0	4.563	/	Pass
		782	25	0	4.570	/	Pass
		784.5	25	0	4.541	/	Pass
	256QAM	779.5	25	0	4.550	/	Pass
		782	25	0	4.559	/	Pass
		784.5	25	0	4.537	/	Pass
10	QPSK	782	50	0	9.052	/	Pass
	16QAM	782	50	0	9.047	/	Pass
	64QAM	782	50	0	9.055	/	Pass
	256QAM	782	50	0	9.023	/	Pass

3.1.2 Band13_XDB

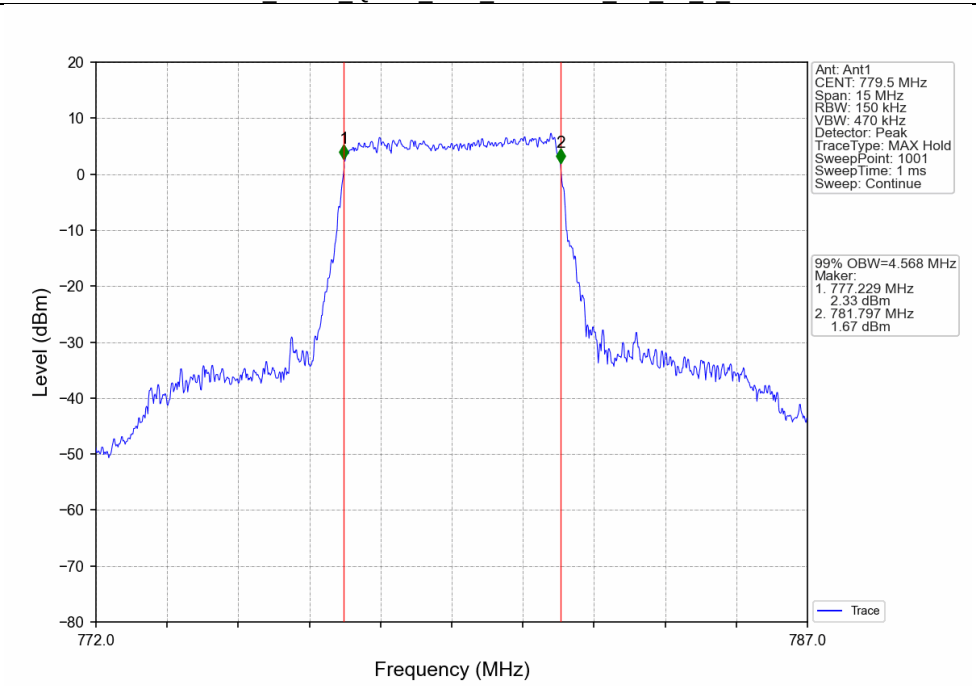
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.249	/	Pass
		782	25	0	5.243	/	Pass
		784.5	25	0	5.194	/	Pass
	16QAM	779.5	25	0	5.171	/	Pass
		782	25	0	5.236	/	Pass
		784.5	25	0	5.233	/	Pass
	64QAM	779.5	25	0	5.266	/	Pass
		782	25	0	5.243	/	Pass
		784.5	25	0	5.151	/	Pass
	256QAM	779.5	25	0	5.231	/	Pass
		782	25	0	5.235	/	Pass

		784.5	25	0	5.168	/	Pass
10	QPSK	782	50	0	10.085	/	Pass
	16QAM	782	50	0	10.166	/	Pass
	64QAM	782	50	0	10.236	/	Pass
	256QAM	782	50	0	10.005	/	Pass

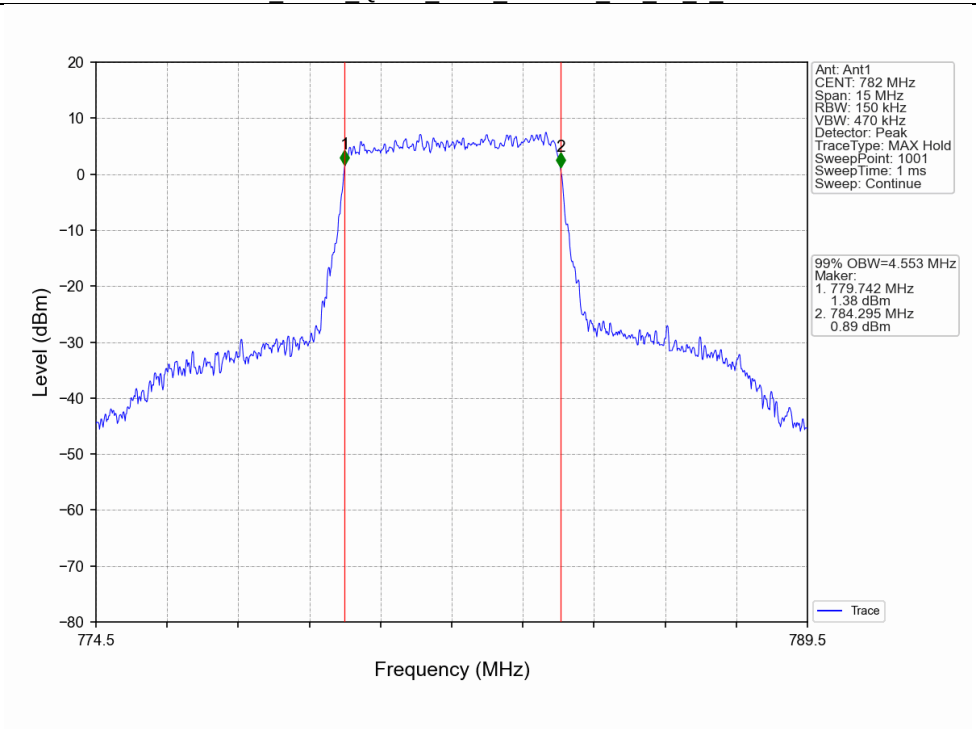
3.2 Test Graph

3.2.1 Band13_OBW

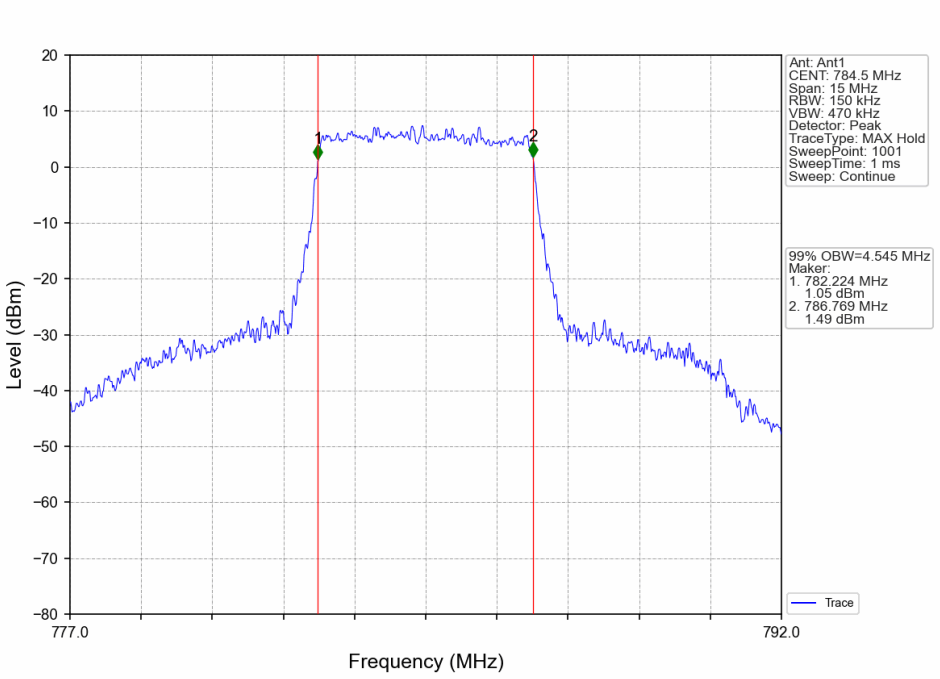
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



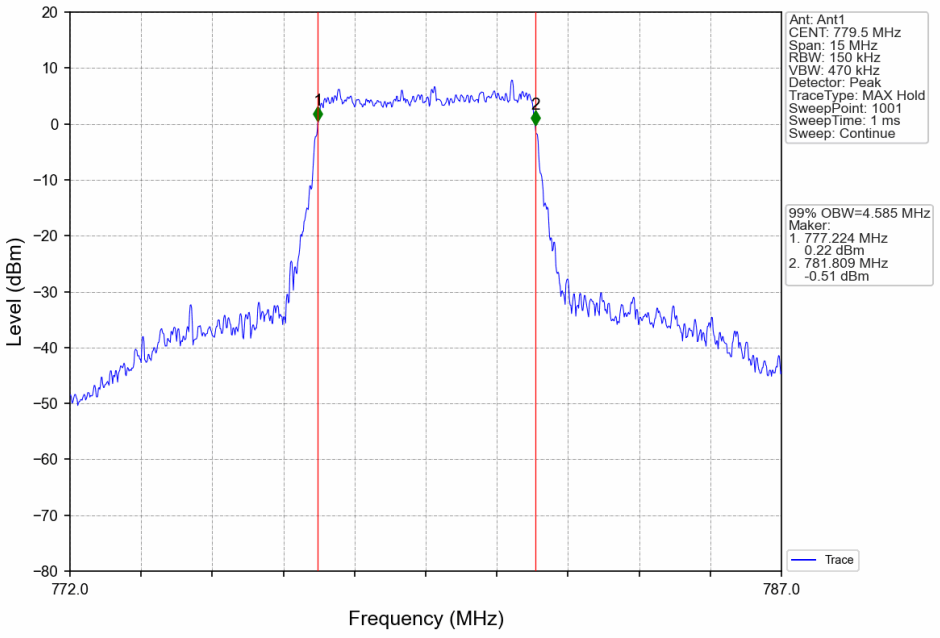
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



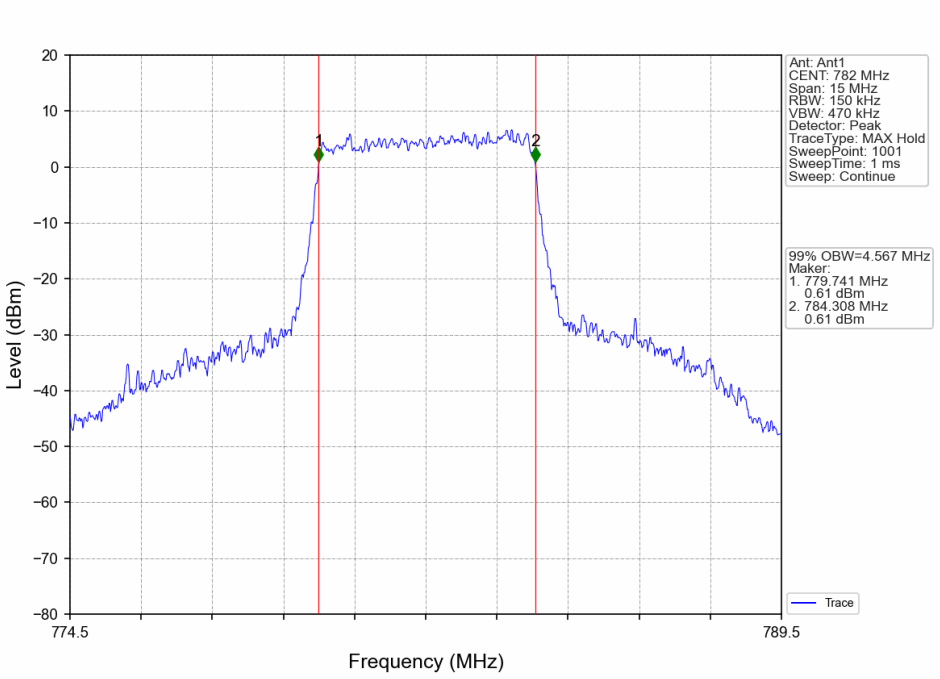
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



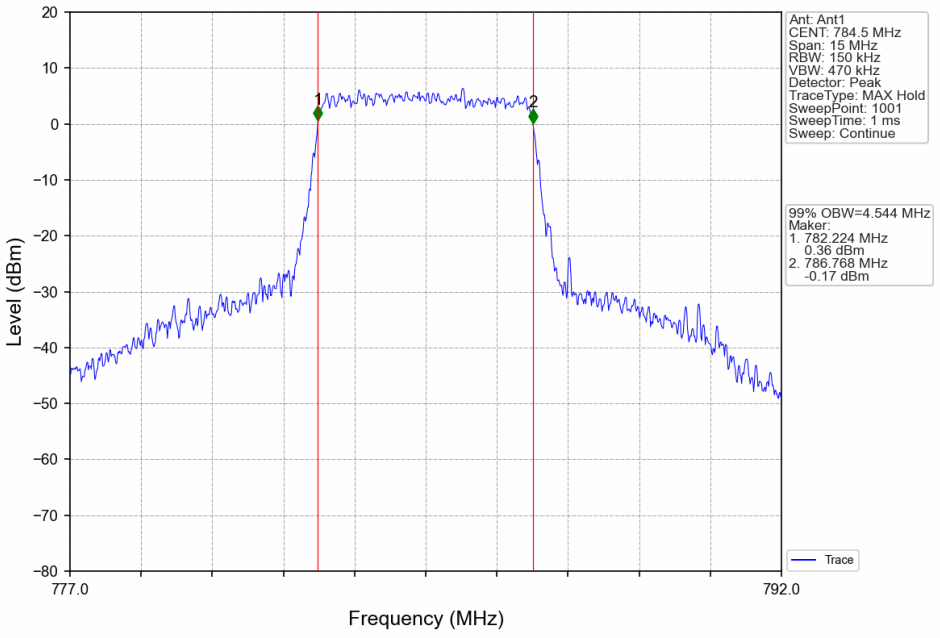
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



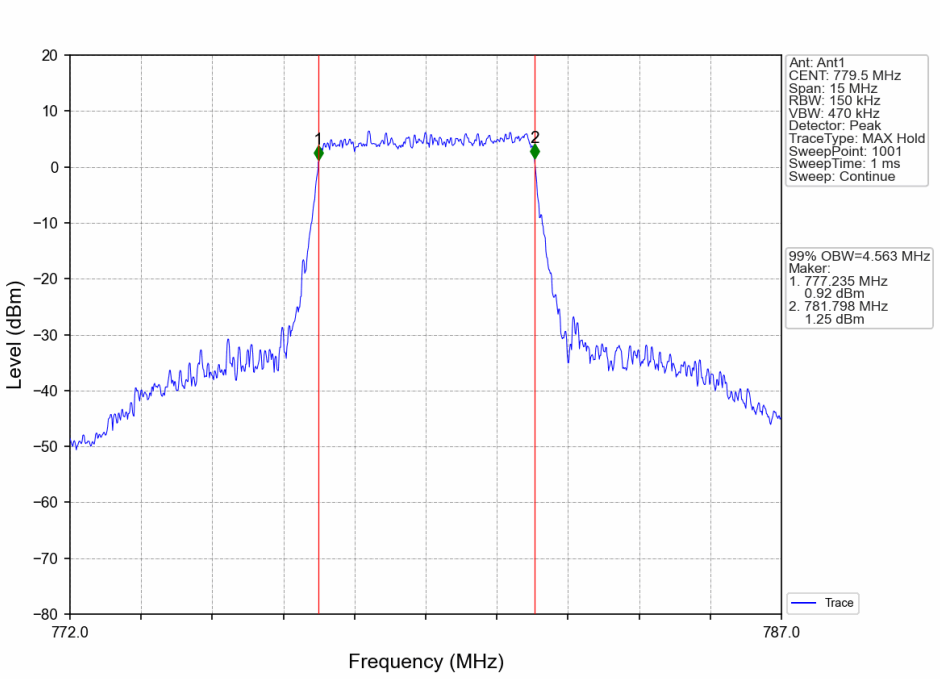
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



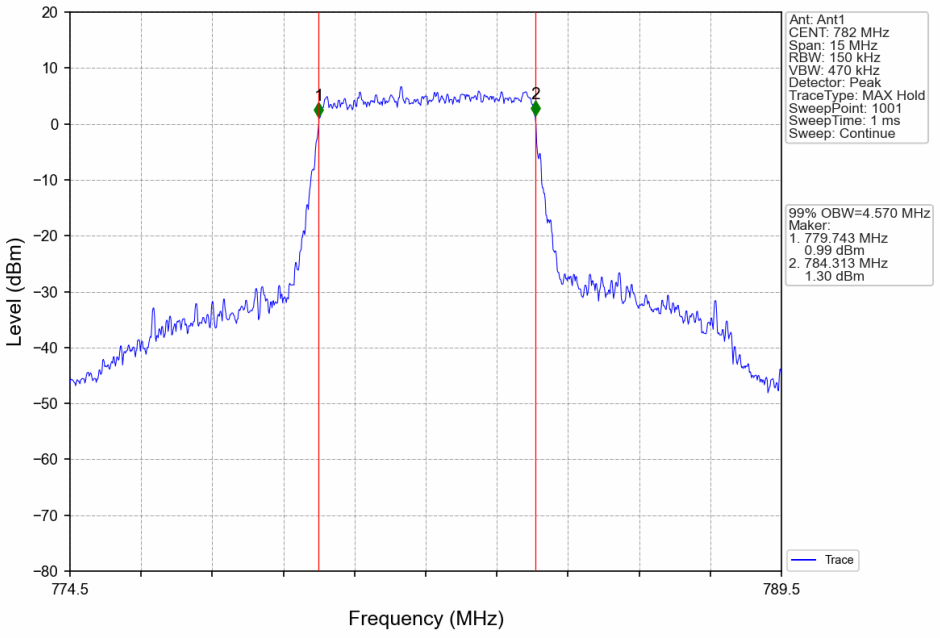
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



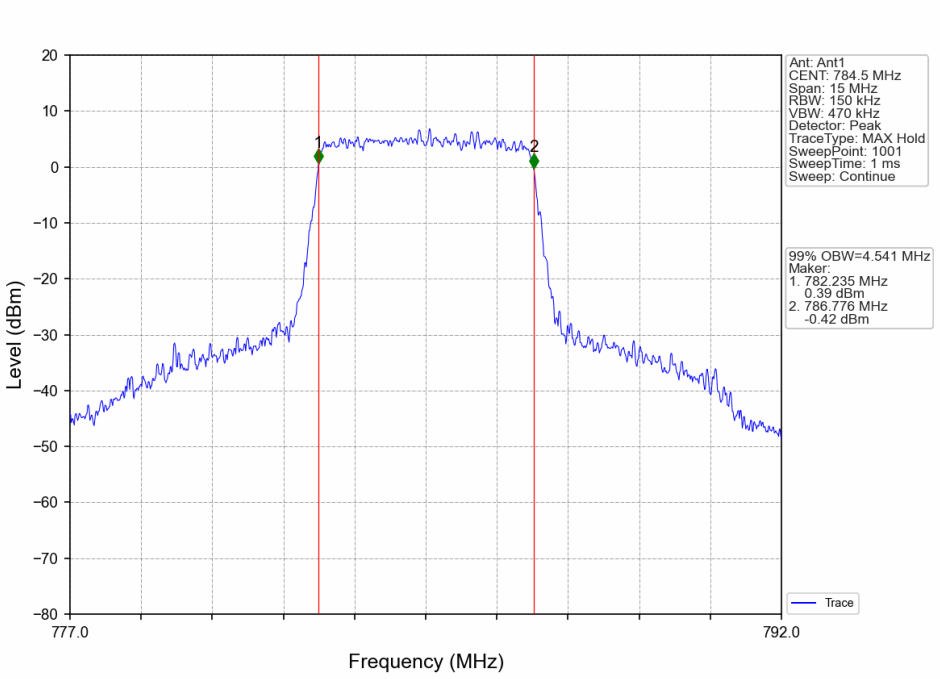
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



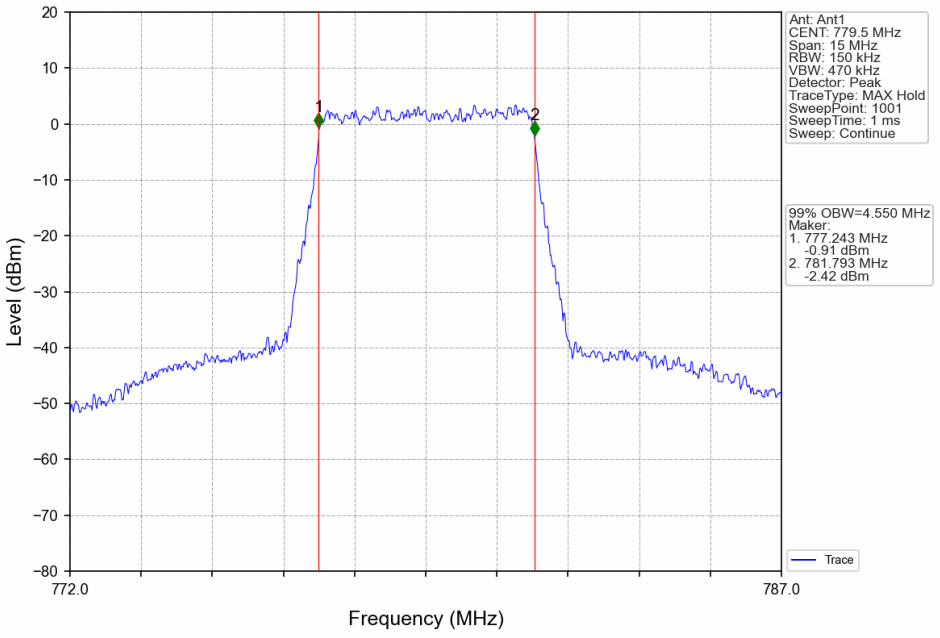
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



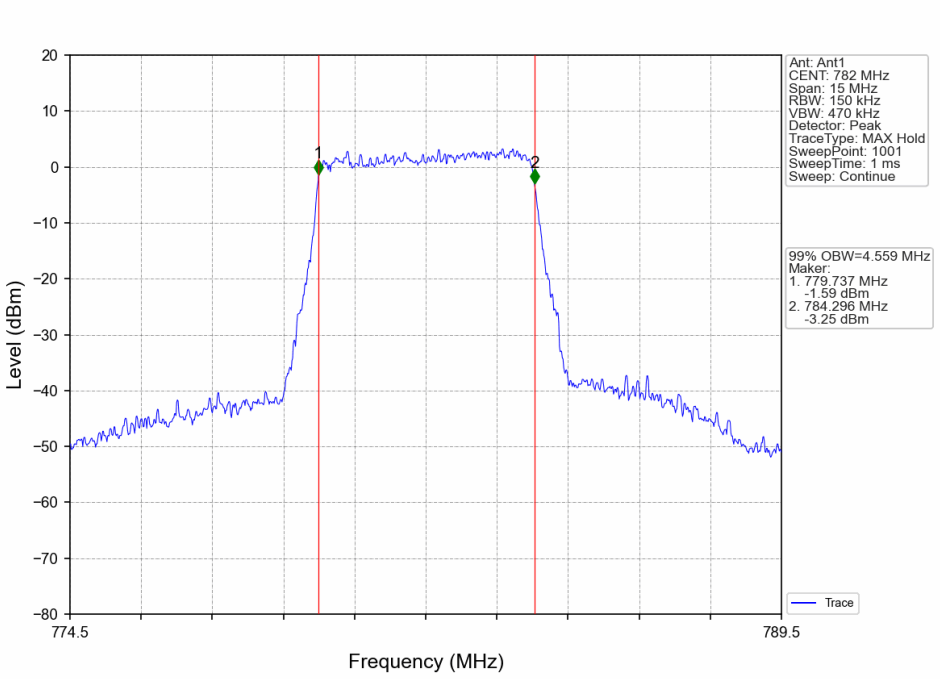
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



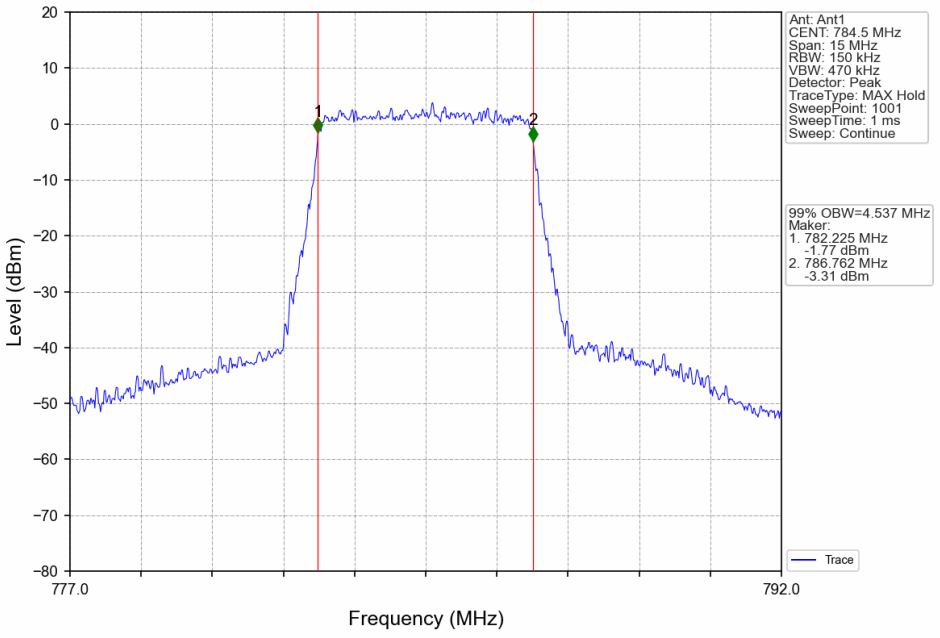
Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV



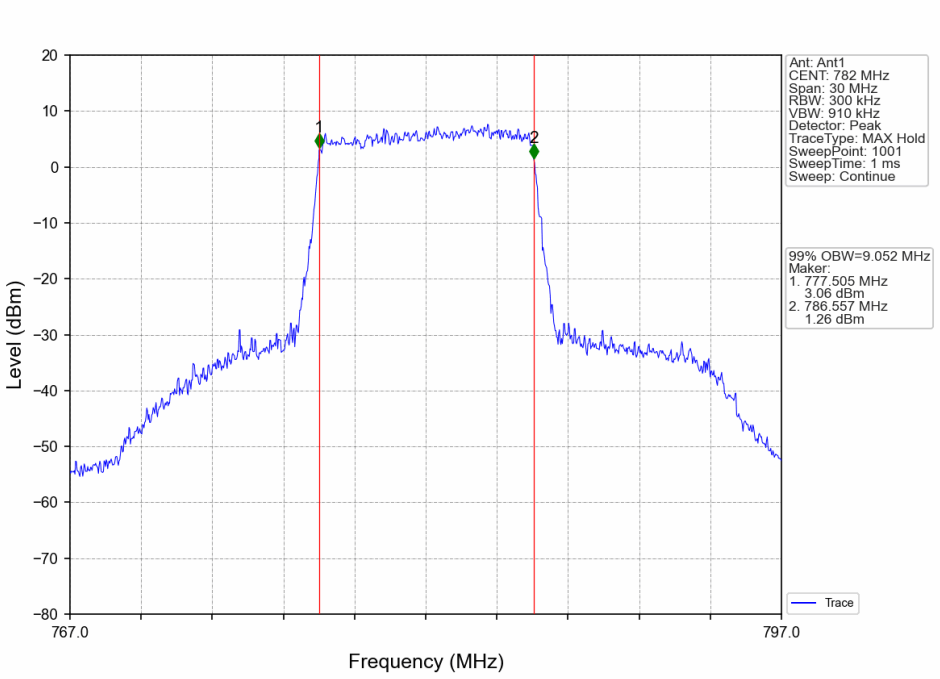
Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV



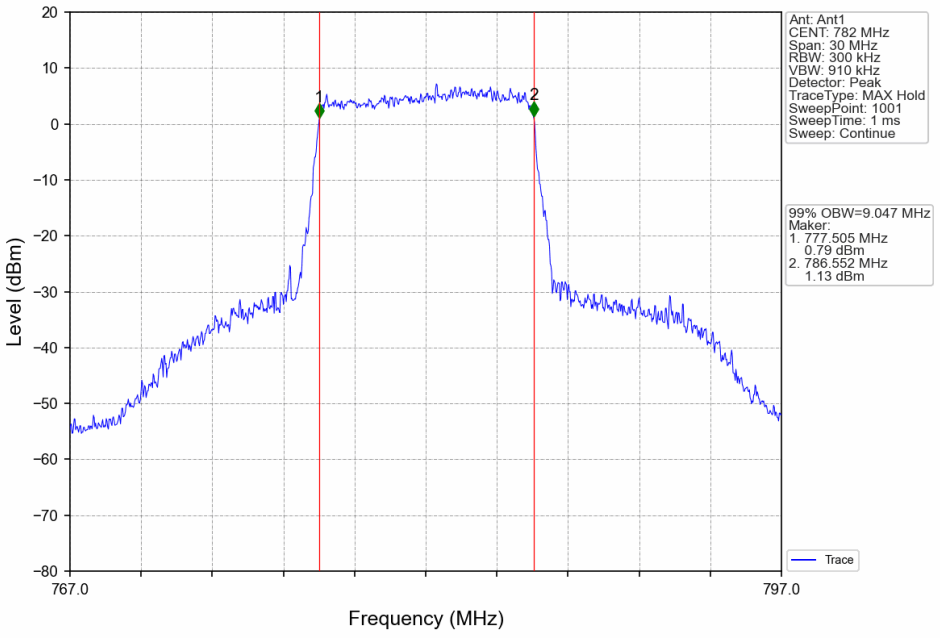
Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV



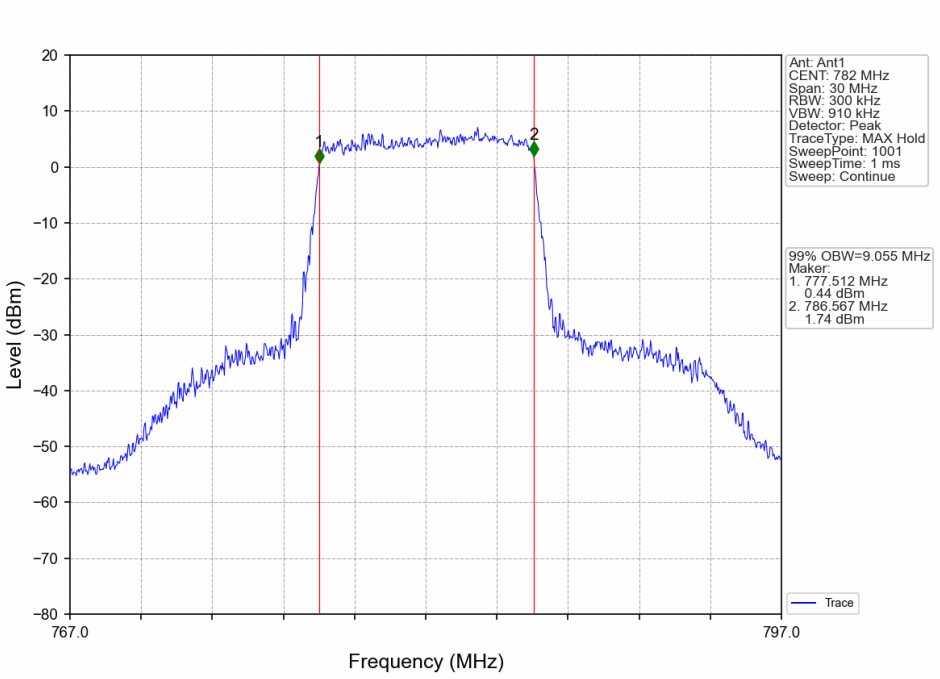
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



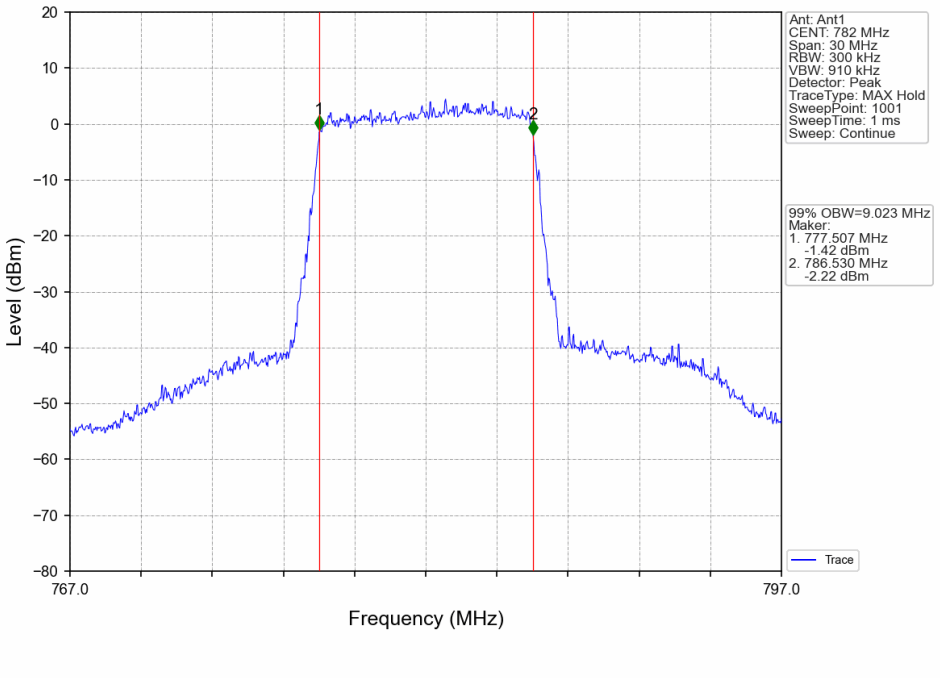
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV

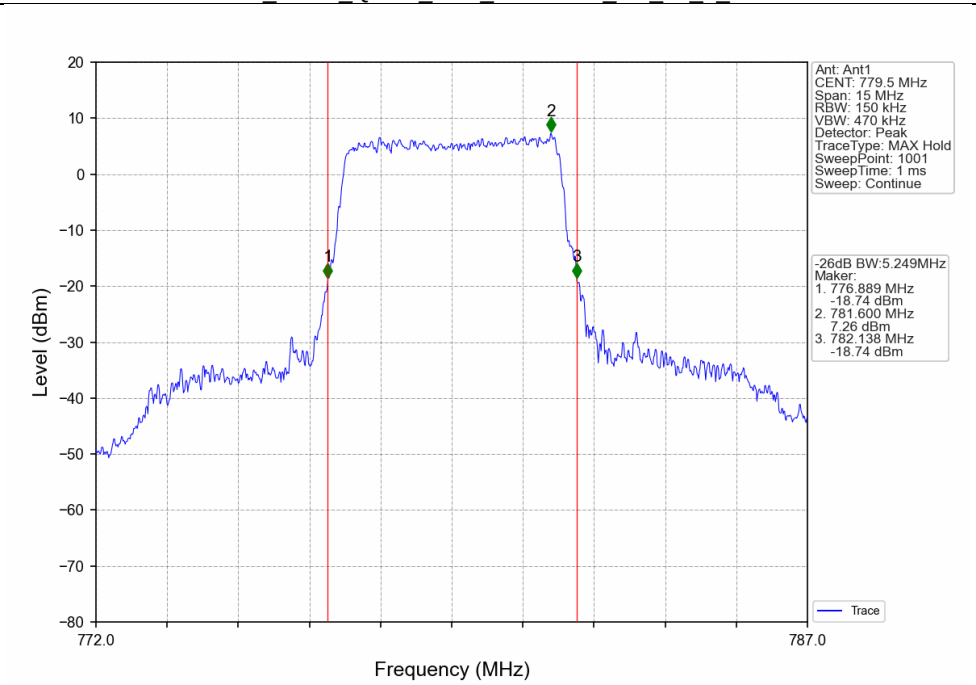


Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV

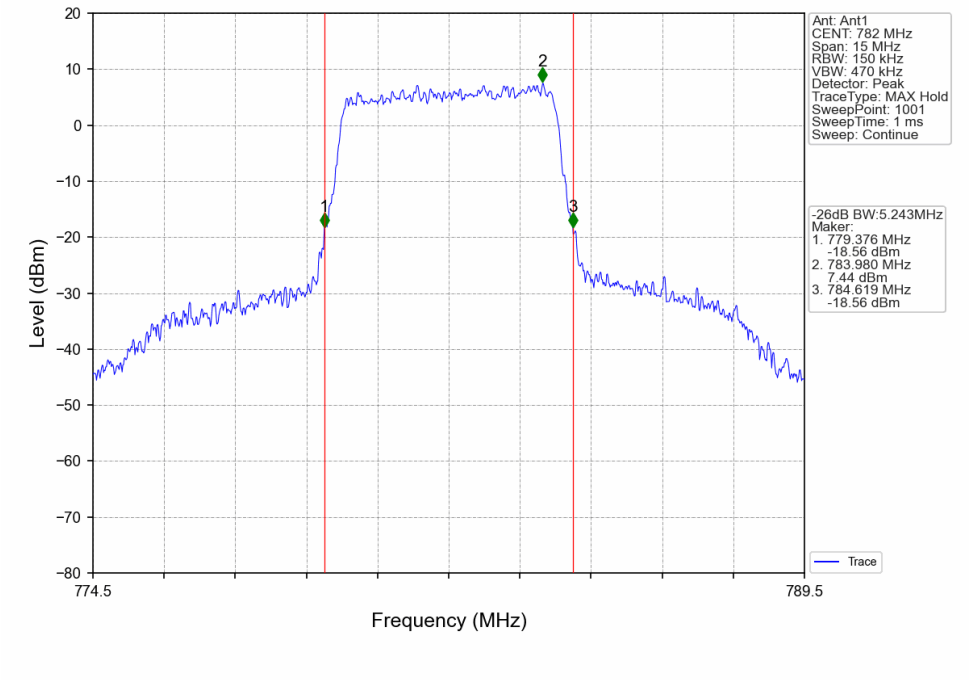


3.2.2 Band13_XDB

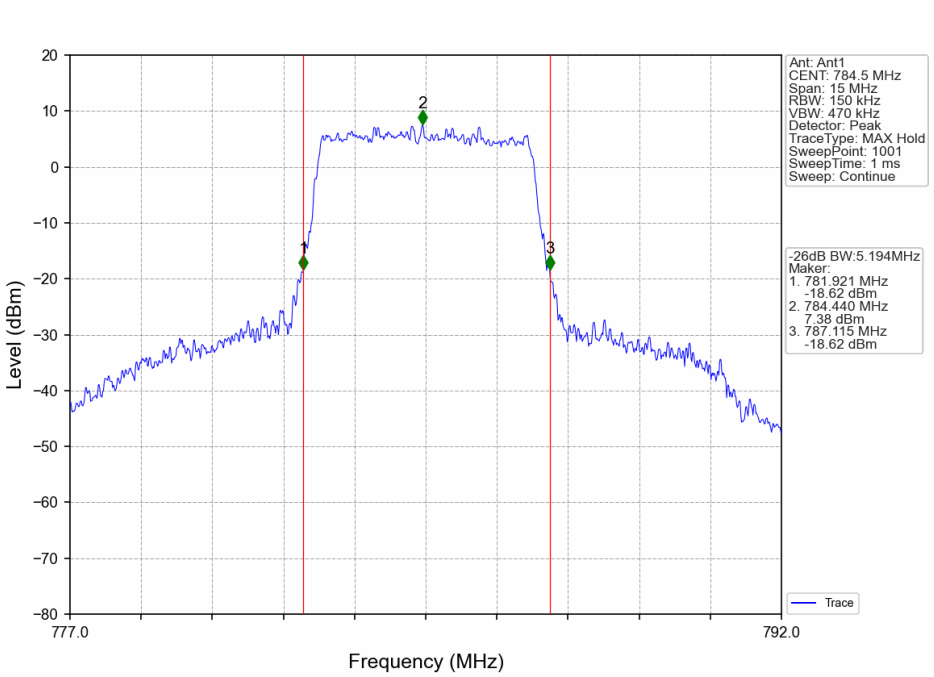
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



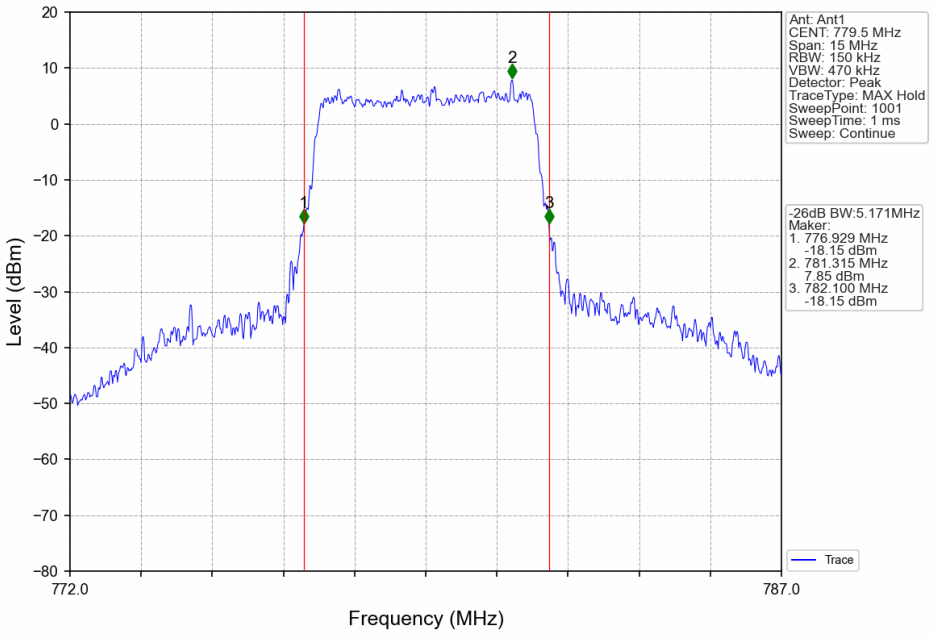
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



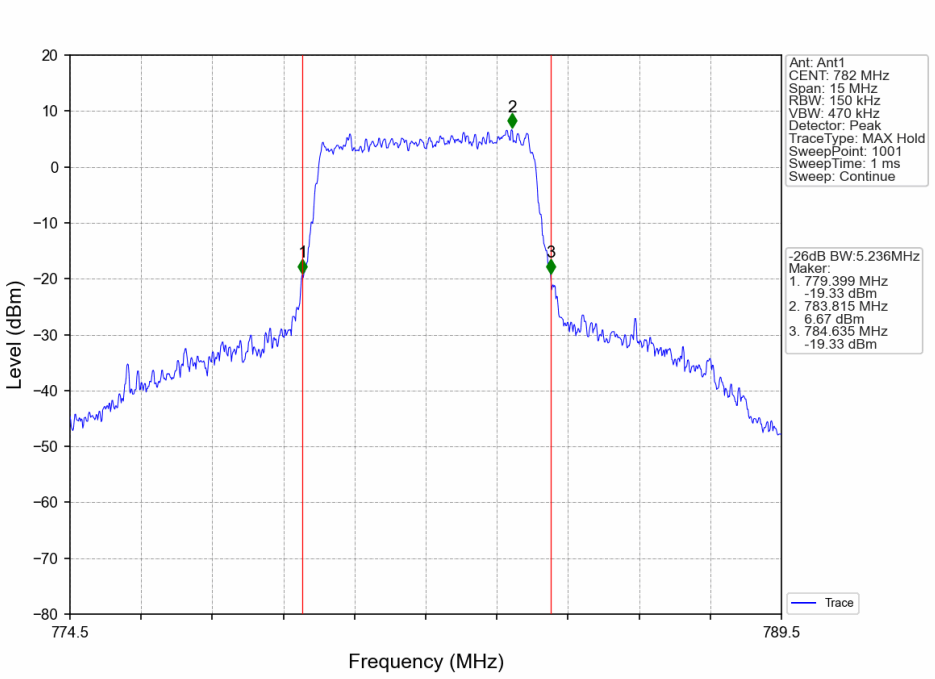
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



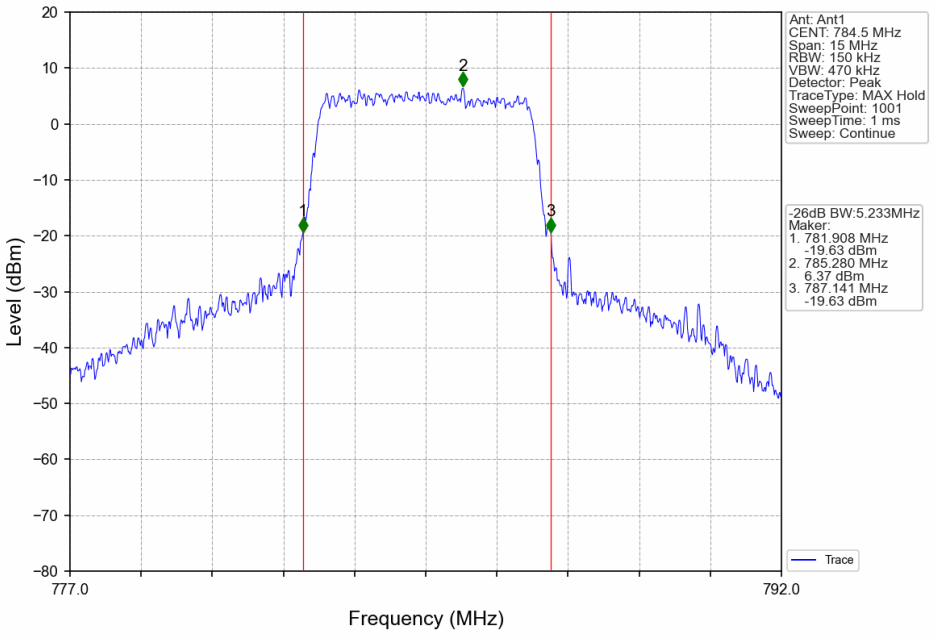
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



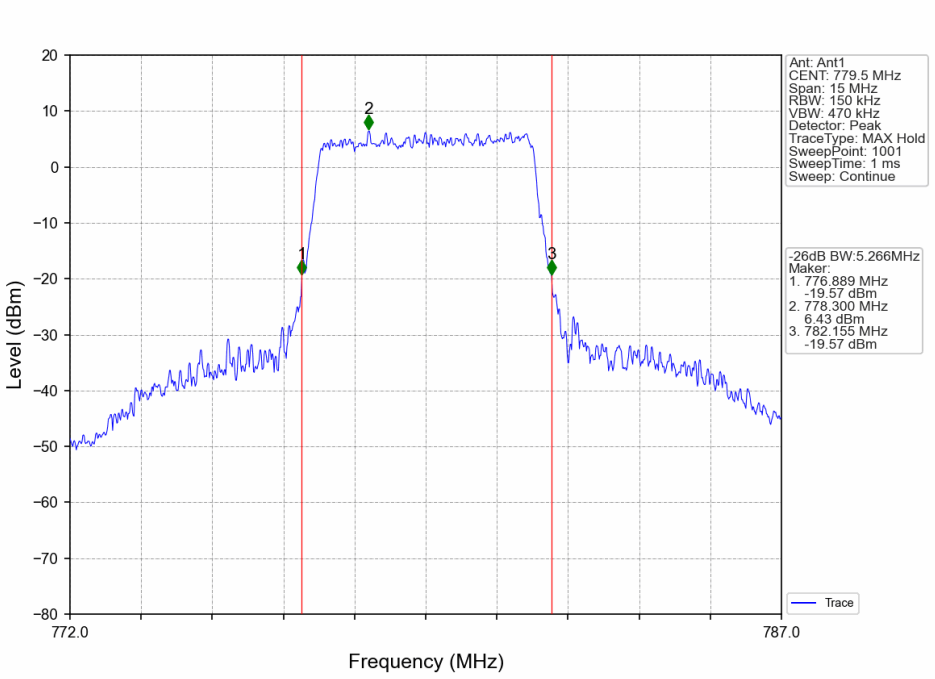
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



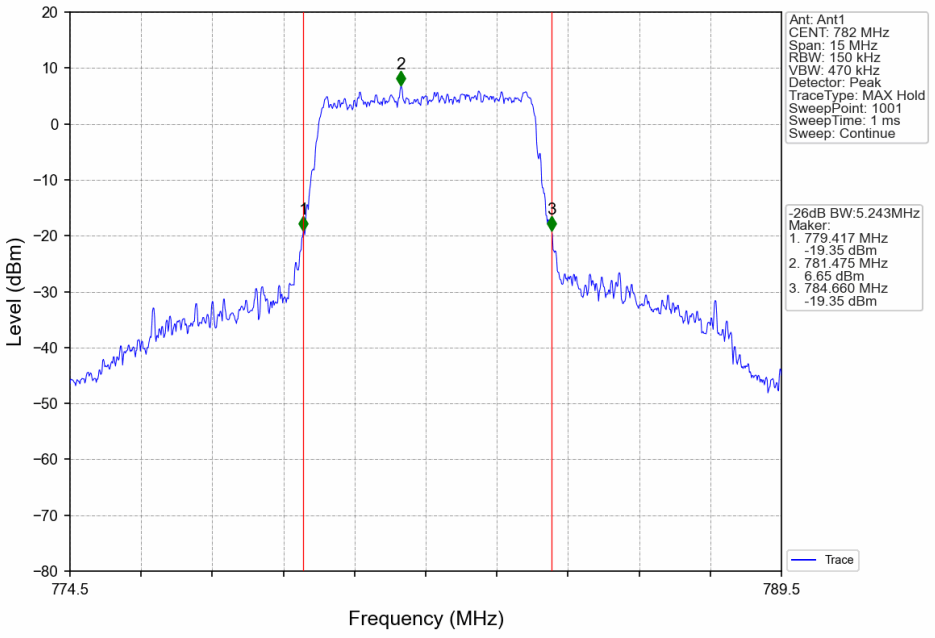
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



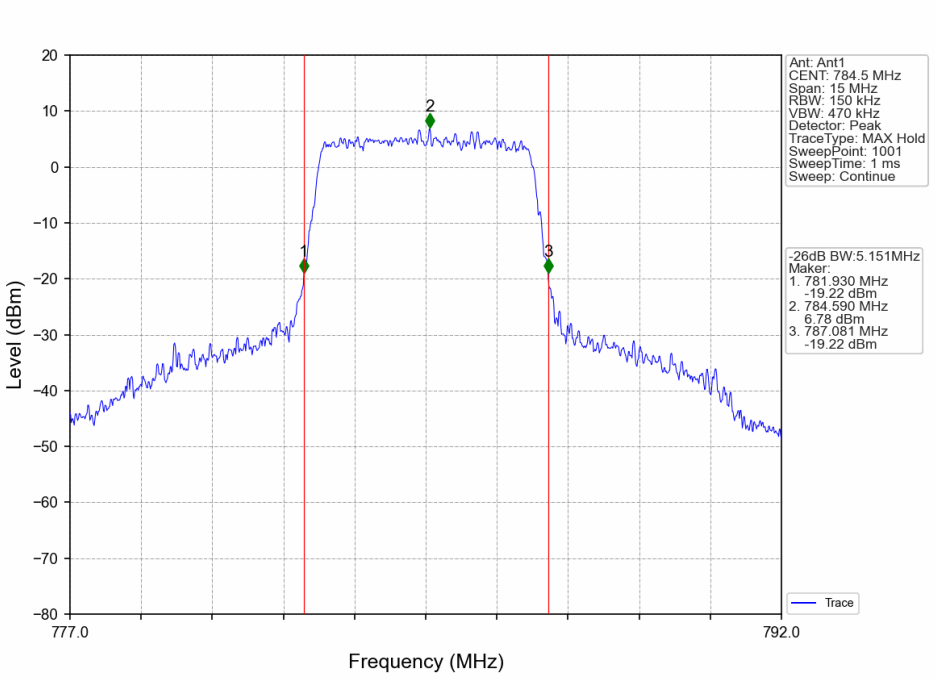
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



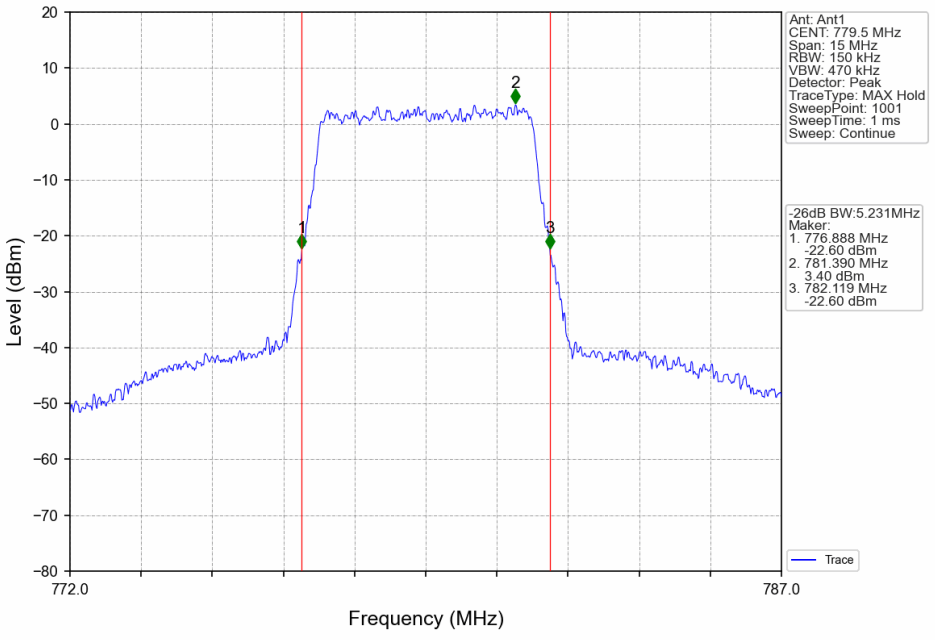
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



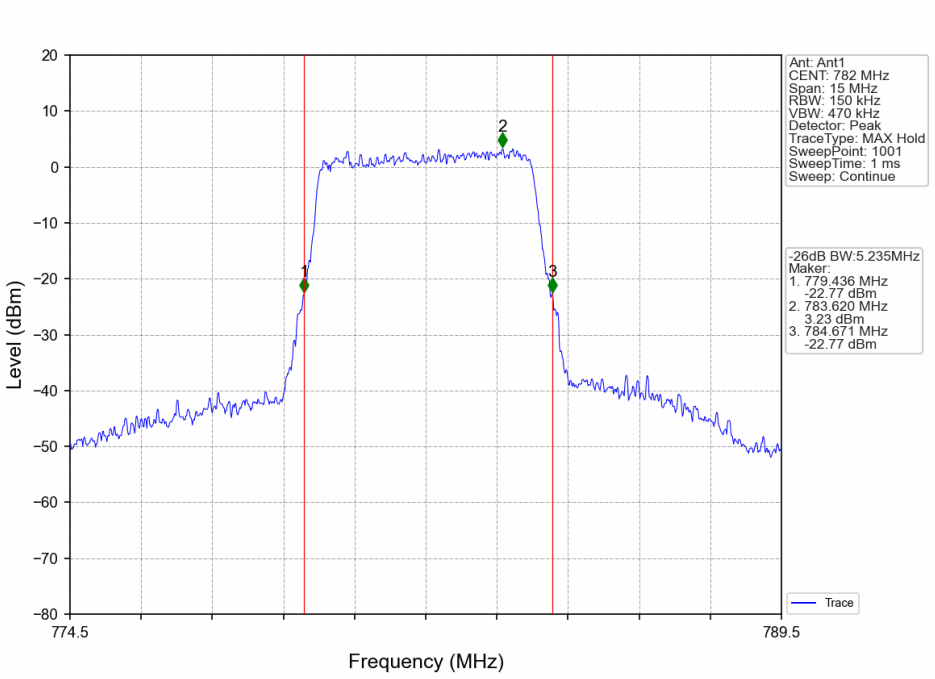
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



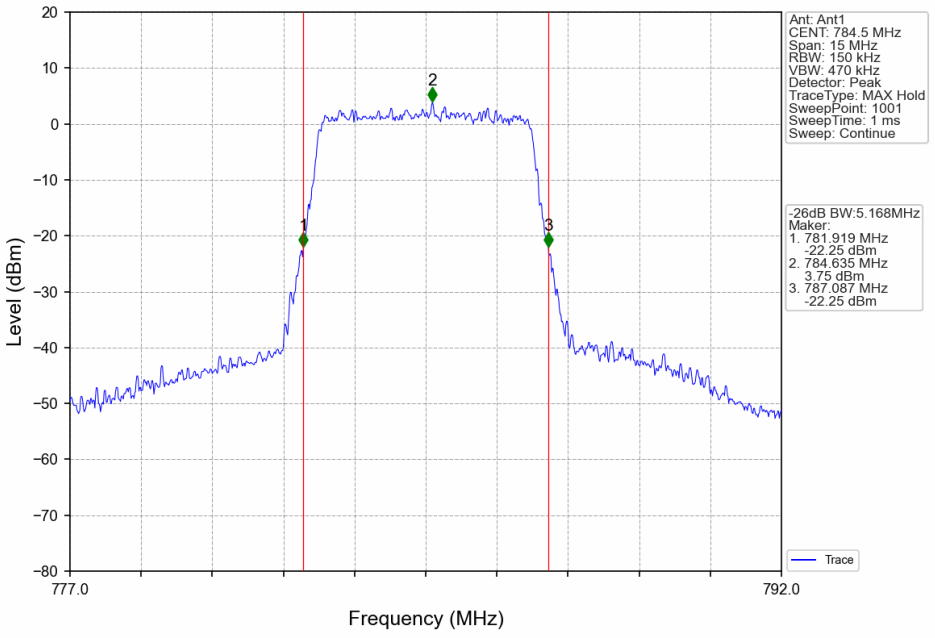
Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV



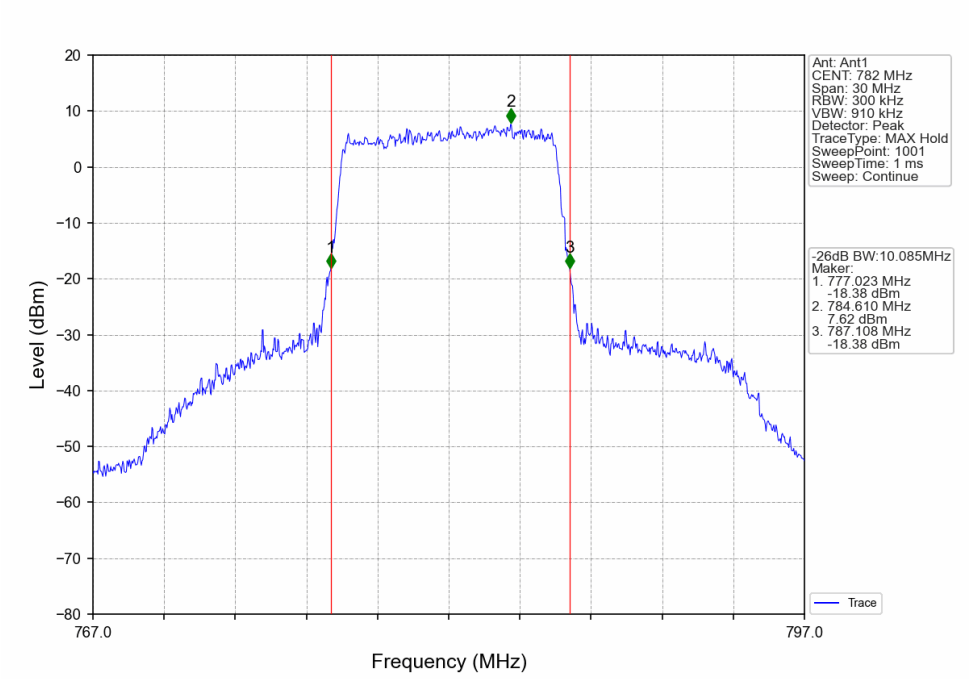
Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV



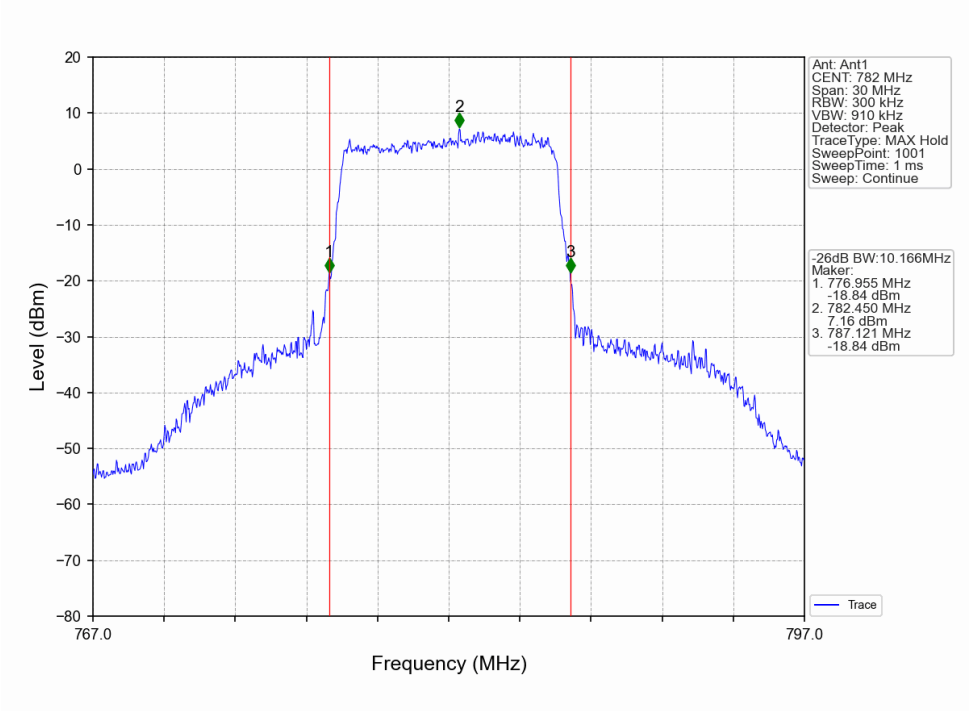
Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV



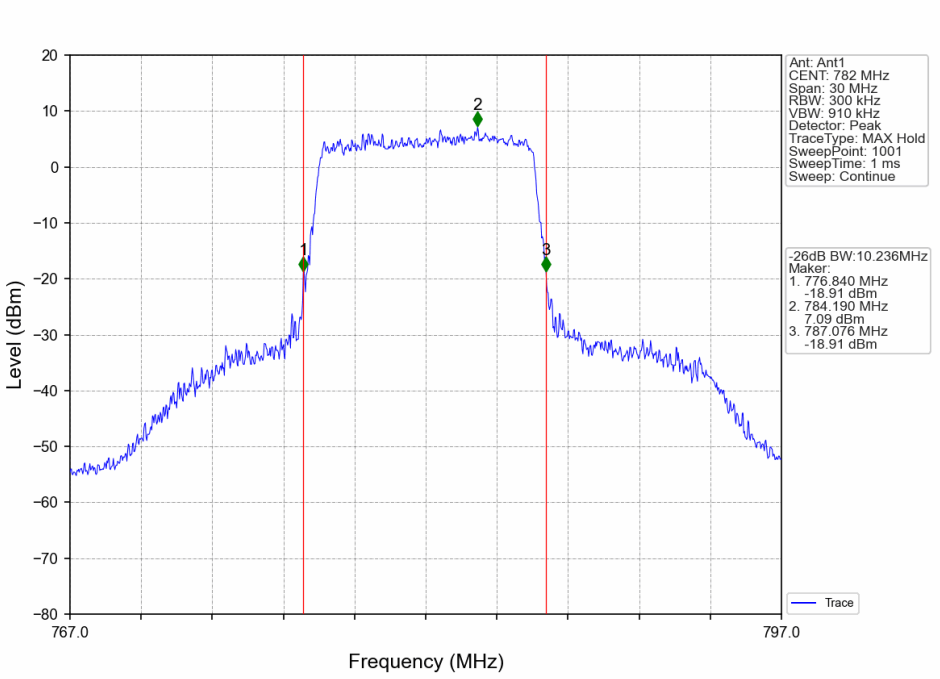
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



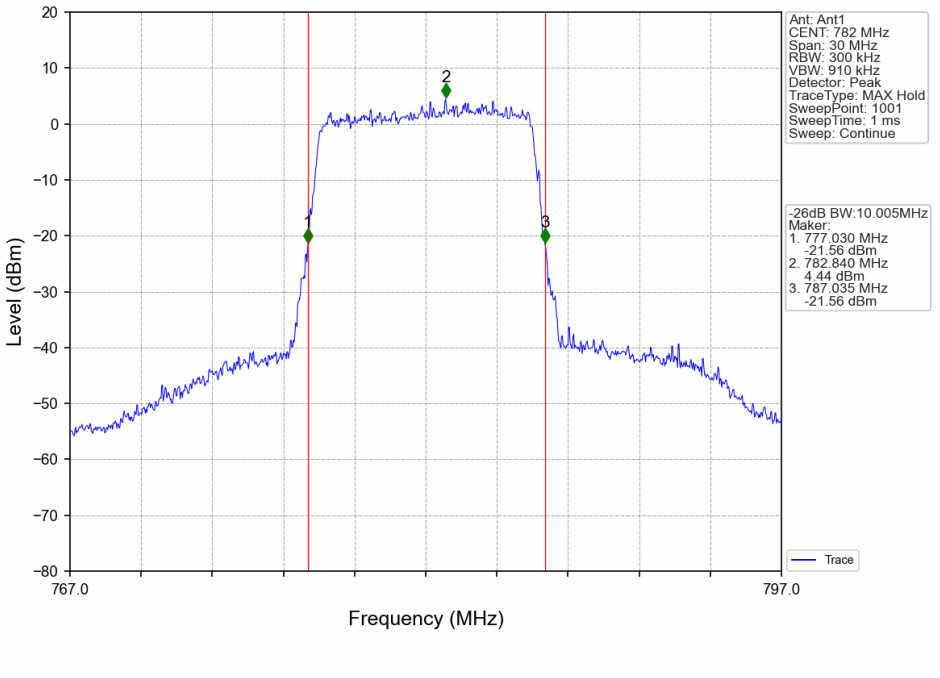
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

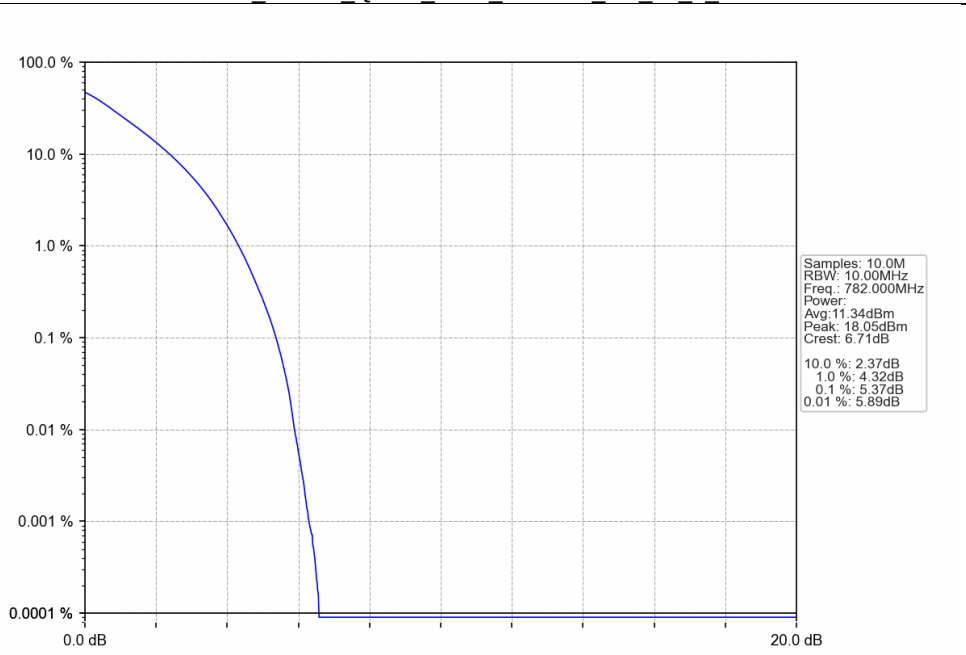
4.1.1 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.37	<=13	Pass
16QAM	782	50	0	6.00	<=13	Pass
64QAM	782	50	0	5.99	<=13	Pass
256QAM	782	50	0	6.55	<=13	Pass

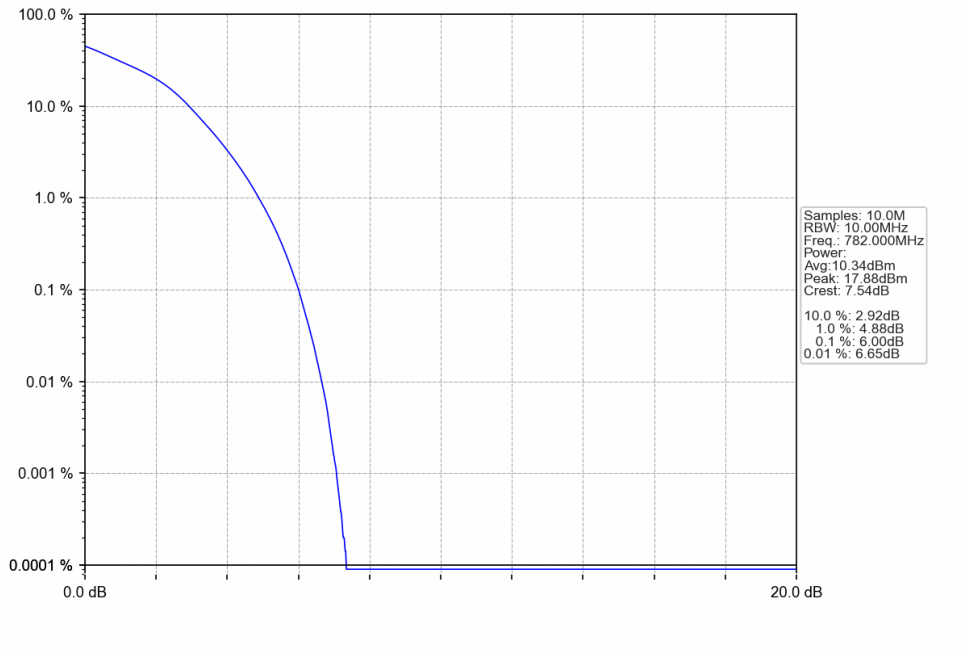
4.2 Test Graph

4.2.1 B13_10MHz

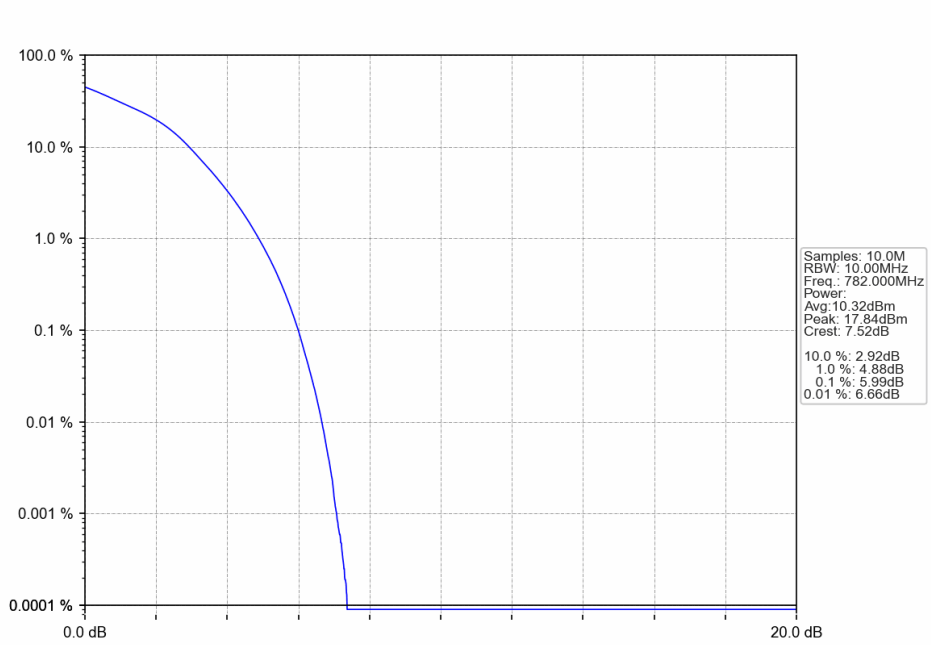
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



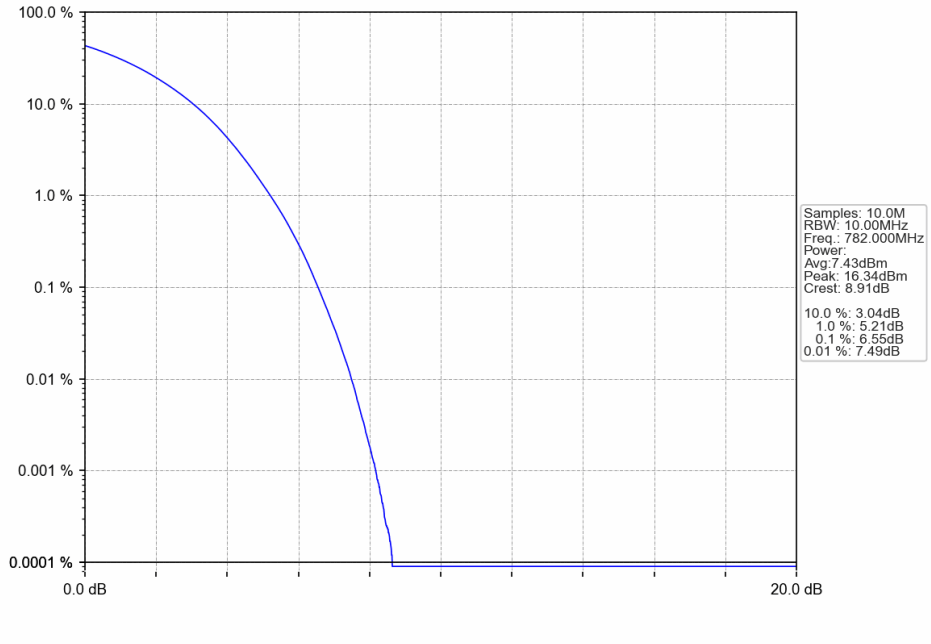
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 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

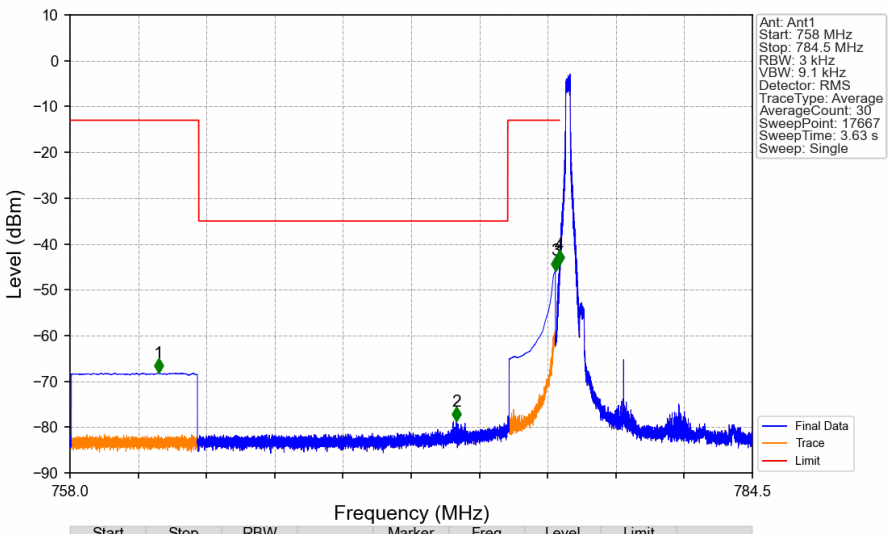
5.1.2 B13_10MHz

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

5.2 Test Graph

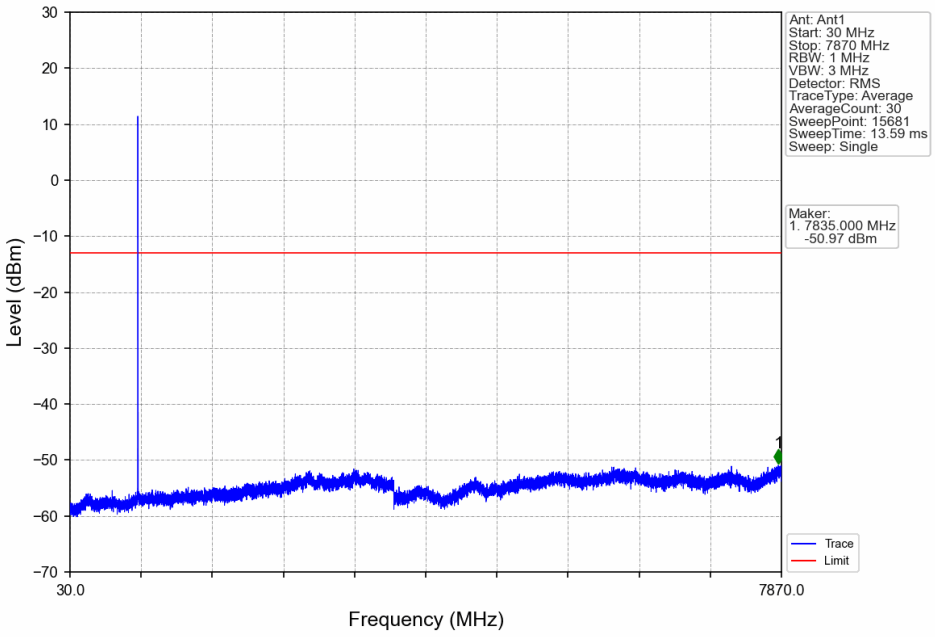
5.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

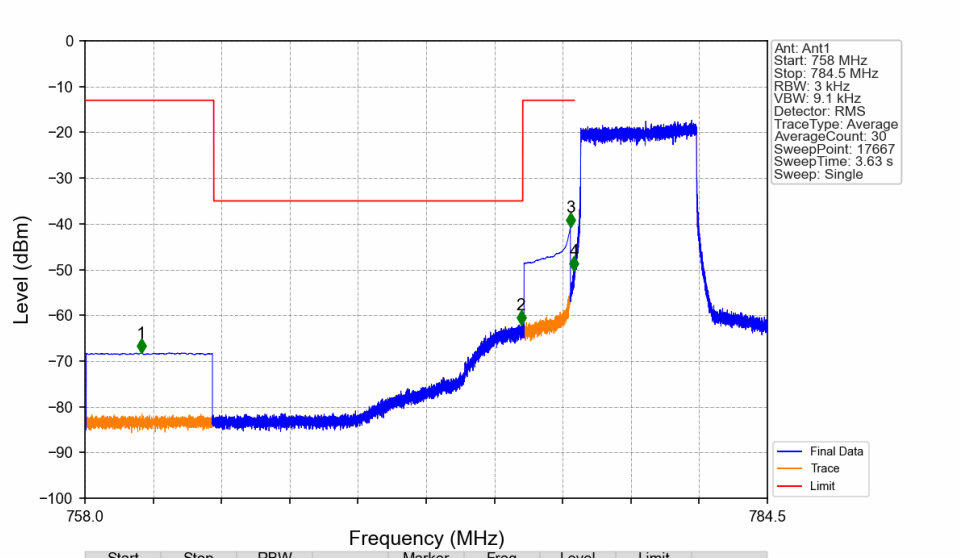


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.447	-68.19	-13	Pass
763	775	0.00625	/	2	772.995	-78.72	-35	Pass
775	776.9	0.1	CHP	3	776.850	-45.83	-13	Pass
776.9	777	0.03	/	4	777.000	-44.57	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

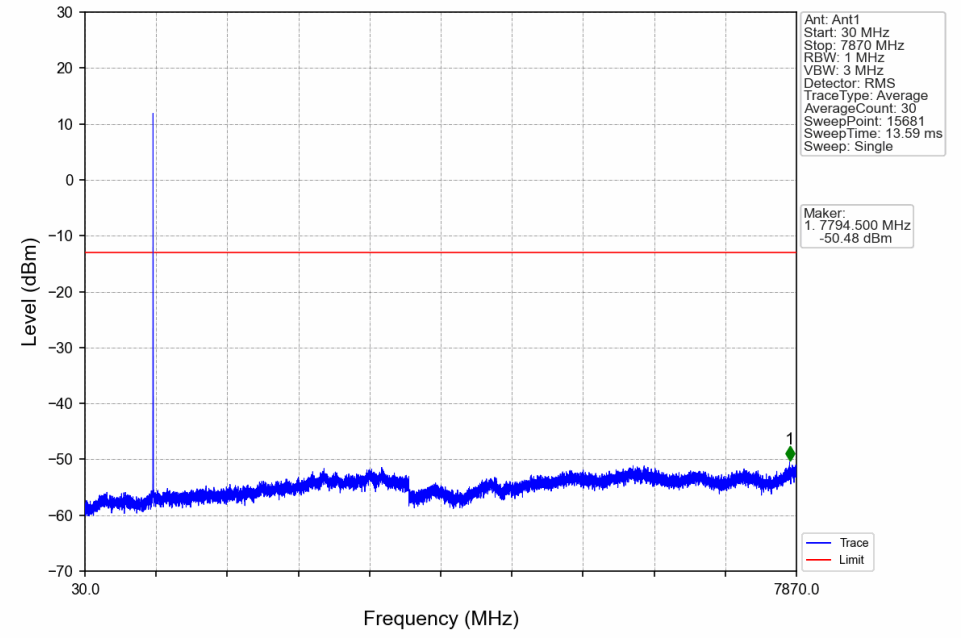


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

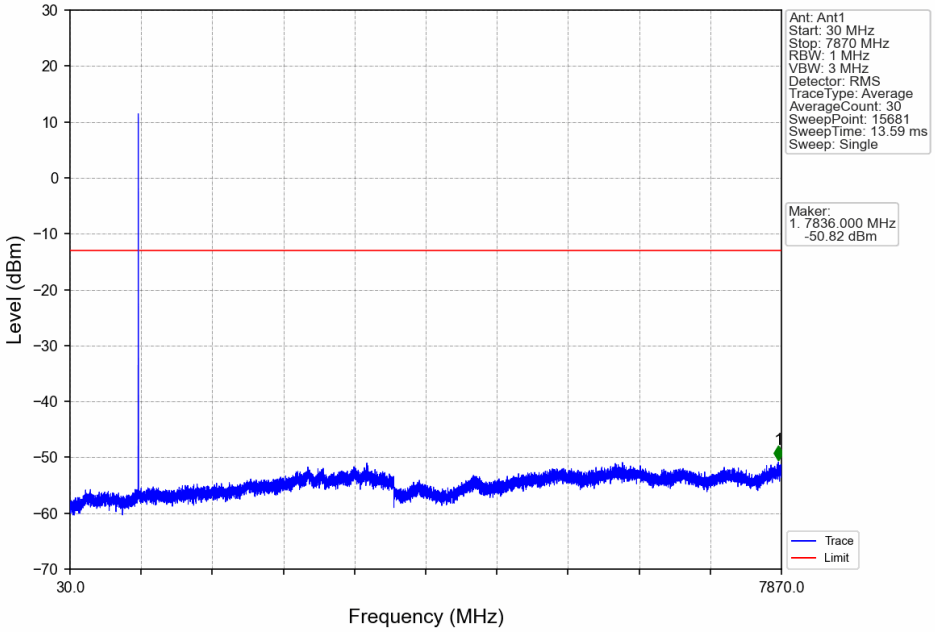


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.180	-68.23	-13	Pass
763	775	0.00625	/	2	774.934	-62.06	-35	Pass
775	776.9	0.1	CHP	3	776.850	-40.74	-13	Pass
776.9	777	0.03	/	4	776.988	-50.26	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

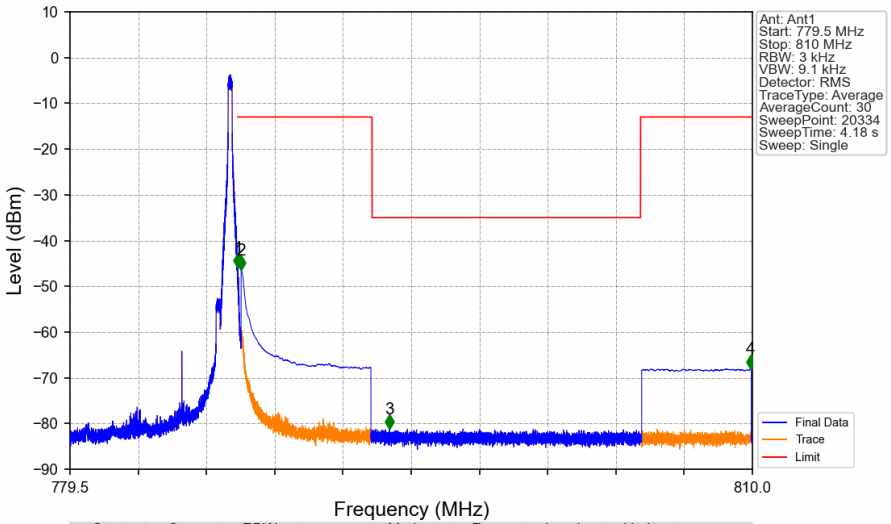
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

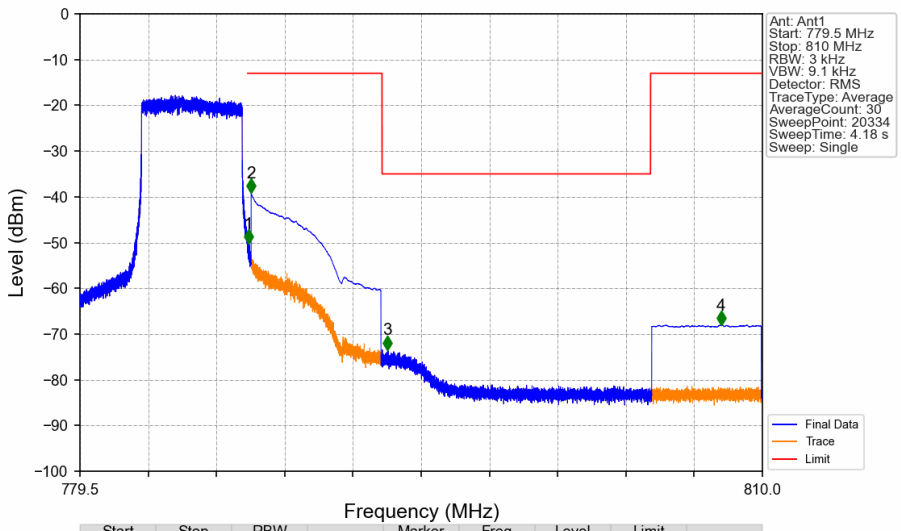


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.015	-45.91	-13	Pass
787.1	793	0.1	CHP	2	787.150	-46.45	-13	Pass
793	805	0.00625	/	3	793.780	-81.19	-35	Pass
805	810	0.1	CHP	4	809.913	-68.06	-13	Pass

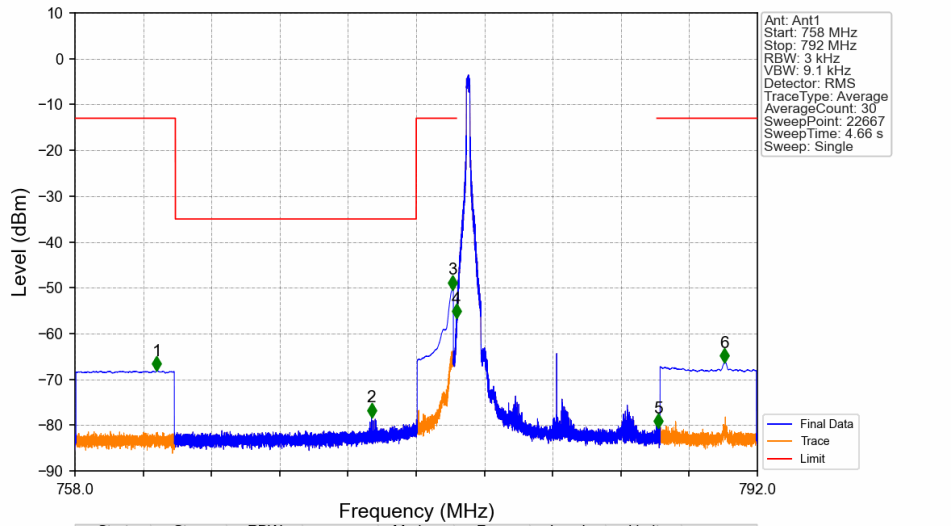
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.018	-50.26	-13	Pass
787.1	793	0.1	CHP	2	787.150	-39.22	-13	Pass
793	805	0.00625	/	3	793.251	-73.46	-35	Pass
805	810	0.1	CHP	4	808.149	-68.06	-13	Pass

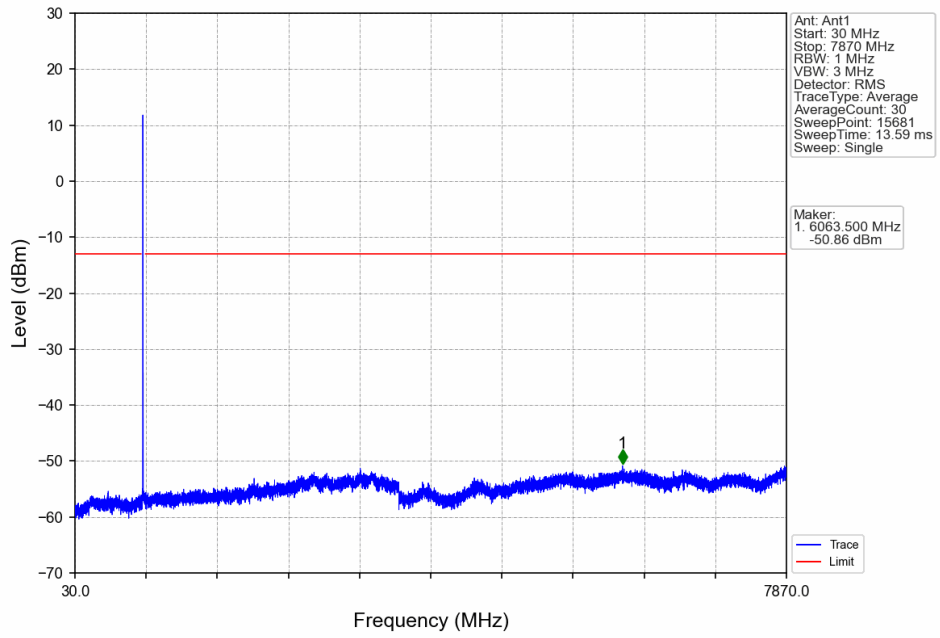
5.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

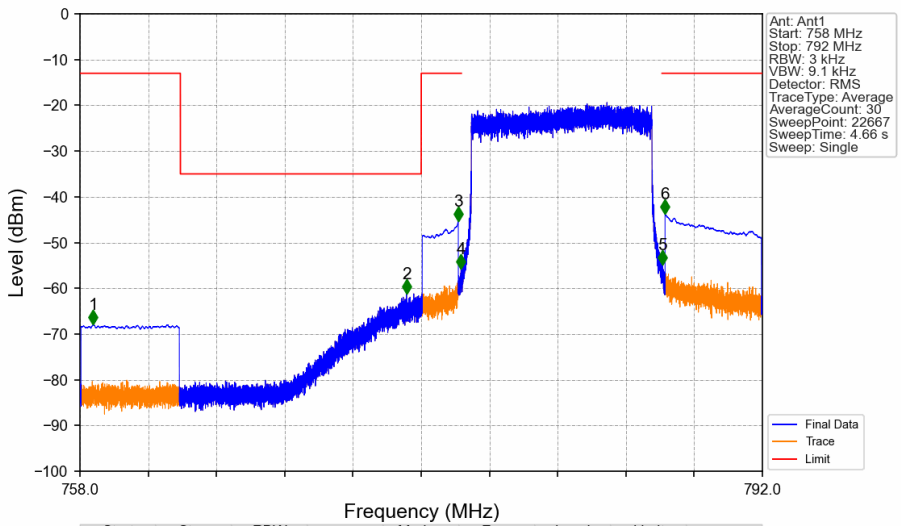


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.076	-68.10	-13	Pass
763	775	0.00625	/	2	772.772	-78.30	-35	Pass
775	776.9	0.1	CHP	3	776.805	-50.43	-13	Pass
776.9	777	0.03	/	4	776.997	-56.71	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.051	-80.60	-13	Pass
787.1	792	0.1	CHP	6	790.353	-66.37	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

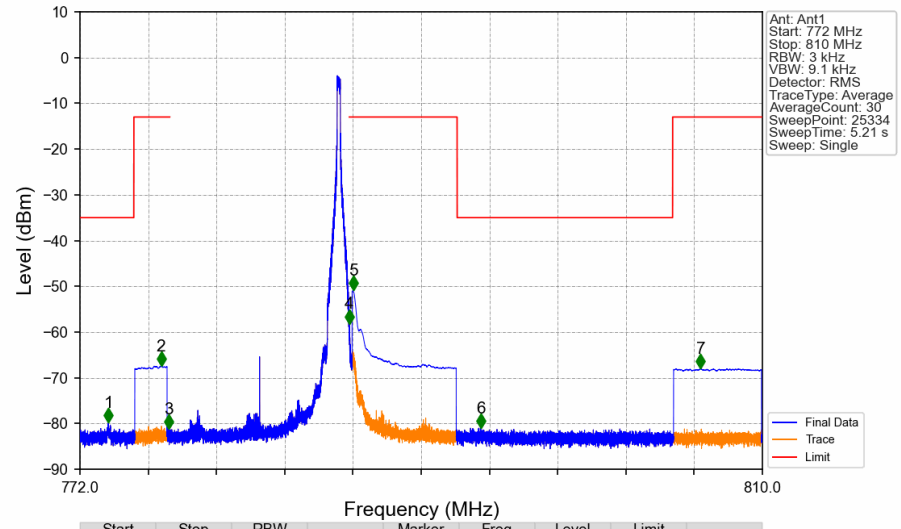


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



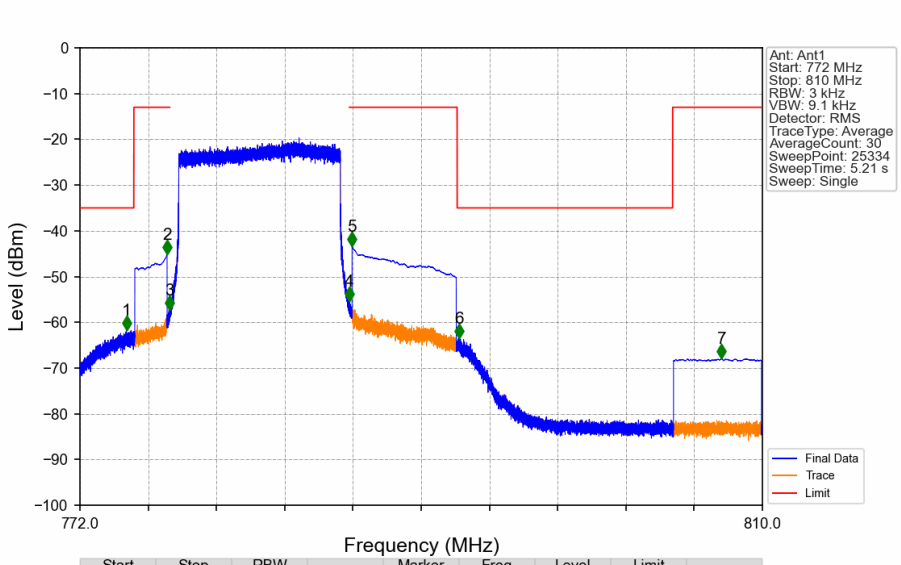
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.662	-67.89	-13	Pass
763	775	0.00625	/	2	774.268	-61.16	-35	Pass
775	776.9	0.1	CHP	3	776.847	-45.30	-13	Pass
776.9	777	0.03	/	4	776.986	-55.68	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.014	-54.89	-13	Pass
787.1	792	0.1	CHP	6	787.150	-43.77	-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	/	1	773.584	-79.82	-35	Pass
775	776.9	0.1	CHP	2	776.517	-67.44	-13	Pass
776.9	777	0.03	/	3	776.923	-81.17	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-58.16	-13	Pass
787.1	793	0.1	CHP	5	787.210	-50.88	-13	Pass
793	805	0.00625	/	6	794.317	-80.98	-35	Pass
805	810	0.1	CHP	7	806.559	-67.98	-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	/	1	774.585	-61.79	-35	Pass
775	776.9	0.1	CHP	2	776.850	-45.18	-13	Pass
776.9	777	0.03	/	3	776.970	-57.35	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.005	-55.33	-13	Pass
787.1	793	0.1	CHP	5	787.150	-43.39	-13	Pass
793	805	0.00625	/	6	793.111	-63.46	-35	Pass
805	810	0.1	CHP	7	807.724	-67.95	-13	Pass

Field Strength of Spurious Radiation

LTE Band 13_5M ANT31- Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1554.5	-70.78	-13	-57.78	-73.92	2.6	5.74	Horizontal	Pass
2331.75	-70.24	-13	-57.24	-72.7	2.96	5.42	Horizontal	Pass
3109.0	-67.63	-13	-54.63	-71.62	3.2	7.19	Horizontal	Pass
1554.5	-71.14	-13	-58.14	-74.28	2.6	5.74	Vertical	Pass
2331.75	-69.93	-13	-56.93	-72.39	2.96	5.42	Vertical	Pass
3109.0	-67.1	-13	-54.1	-71.09	3.2	7.19	Vertical	Pass

LTE Band 13_5M ANT31- Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1559.5	-71.39	-40	-31.39	-74.52	2.6	5.73	Horizontal	Pass
2339.25	-70.07	-13	-57.07	-72.54	2.96	5.43	Horizontal	Pass
3119.0	-68.05	-13	-55.05	-72.06	3.21	7.22	Horizontal	Pass
1559.5	-70.71	-40	-30.71	-73.84	2.6	5.73	Vertical	Pass
2339.25	-70.13	-13	-57.13	-72.6	2.96	5.43	Vertical	Pass
3119.0	-67.52	-13	-54.52	-71.53	3.21	7.22	Vertical	Pass

LTE Band 13_5M ANT31- High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1564.5	-71.06	-40	-31.06	-74.18	2.6	5.72	Horizontal	Pass
2346.75	-70.28	-13	-57.28	-72.76	2.97	5.45	Horizontal	Pass
3129.0	-67.6	-13	-54.6	-71.63	3.21	7.24	Horizontal	Pass
1564.5	-70.68	-40	-30.68	-73.8	2.6	5.72	Vertical	Pass
2346.75	-70.21	-13	-57.21	-72.69	2.97	5.45	Vertical	Pass
3129.0	-67.69	-13	-54.69	-71.72	3.21	7.24	Vertical	Pass

LTE Band 13_10M ANT31-Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1555.0	-68.61	-13	-55.61	-71.75	2.6	5.74	Horizontal	Pass
2332.5	-69.75	-13	-56.75	-72.21	2.96	5.42	Horizontal	Pass
3110.0	-67.52	-13	-54.52	-71.52	3.2	7.2	Horizontal	Pass
1555.0	-68.85	-13	-55.85	-71.99	2.6	5.74	Vertical	Pass
2332.5	-69.4	-13	-56.4	-71.86	2.96	5.42	Vertical	Pass
3110.0	-67.12	-13	-54.12	-71.12	3.2	7.2	Vertical	Pass

Remark:

1) The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:
   EIRP=S.G.Power+Antenna Gain-Cable Loss
   Over Limit=Limit-EIRP
2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---