1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.61	1.8	25.41	<=33.01	Pass
			2	23.68	1.8	25.48	<=33.01	Pass
			5	23.6	1.8	25.4	<=33.01	Pass
		3	0	23.61	1.8	25.41	<=33.01	Pass
			2	23.63	1.8	25.43	<=33.01	Pass
			3	23.64	1.8	25.44	<=33.01	Pass
		6	0	22.64	1.8	24.44	<=33.01	Pass
	1880	1	0	23.79	1.8	25.59	<=33.01	Pass
			2	23.79	1.8	25.59	<=33.01	Pass
			5	23.78	1.8	25.58	<=33.01	Pass
		3	0	23.72	1.8	25.52	<=33.01	Pass
			2	23.79	1.8	25.59	<=33.01	Pass
			3	23.76	1.8	25.56	<=33.01	Pass
		6	0	22.81	1.8	24.61	<=33.01	Pass
	1909.3	1	0	23.69	1.8	25.49	<=33.01	Pass
			2	23.73	1.8	25.53	<=33.01	Pass
			5	23.74	1.8	25.54	<=33.01	Pass
		3	0	23.73	1.8	25.53	<=33.01	Pass
			2	23.73	1.8	25.53	<=33.01	Pass
			3	23.66	1.8	25.46	<=33.01	Pass
		6	0	22.72	1.8	24.52	<=33.01	Pass
16QAM	1850.7	1	0	22.79	1.8	24.59	<=33.01	Pass
			2	22.88	1.8	24.68	<=33.01	Pass
			5	22.84	1.8	24.64	<=33.01	Pass
		3	0	22.74	1.8	24.54	<=33.01	Pass
			2	22.76	1.8	24.56	<=33.01	Pass
			3	22.76	1.8	24.56	<=33.01	Pass
		6	0	21.71	1.8	23.51	<=33.01	Pass
	1880	1	0	22.93	1.8	24.73	<=33.01	Pass
			2	22.96	1.8	24.76	<=33.01	Pass
			5	22.94	1.8	24.74	<=33.01	Pass
		3	0	22.92	1.8	24.72	<=33.01	Pass

			2	22.92	1.8	24.72	<=33.01	Pass
			3	22.86	1.8	24.66	<=33.01	Pass
		6	0	21.85	1.8	23.65	<=33.01	Pass
	1909.3	1	0	22.81	1.8	24.61	<=33.01	Pass
			2	22.97	1.8	24.77	<=33.01	Pass
			5	22.87	1.8	24.67	<=33.01	Pass
		3	0	22.73	1.8	24.53	<=33.01	Pass
			2	22.71	1.8	24.51	<=33.01	Pass
			3	22.75	1.8	24.55	<=33.01	Pass
		6	0	21.69	1.8	23.49	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.6	1.8	25.4	<=33.01	Pass
			7	23.73	1.8	25.53	<=33.01	Pass
			14	23.63	1.8	25.43	<=33.01	Pass
		8	0	22.74	1.8	24.54	<=33.01	Pass
			4	22.8	1.8	24.6	<=33.01	Pass
			7	22.76	1.8	24.56	<=33.01	Pass
		15	0	22.75	1.8	24.55	<=33.01	Pass
	1880	1	0	23.81	1.8	25.61	<=33.01	Pass
			7	23.78	1.8	25.58	<=33.01	Pass
			14	23.77	1.8	25.57	<=33.01	Pass
		8	0	22.84	1.8	24.64	<=33.01	Pass
			4	22.84	1.8	24.64	<=33.01	Pass
			7	22.84	1.8	24.64	<=33.01	Pass
		15	0	22.8	1.8	24.6	<=33.01	Pass
	1908.5	1	0	23.72	1.8	25.52	<=33.01	Pass
			7	23.77	1.8	25.57	<=33.01	Pass
			14	23.51	1.8	25.31	<=33.01	Pass
		8	0	22.77	1.8	24.57	<=33.01	Pass
			4	22.8	1.8	24.6	<=33.01	Pass
			7	22.76	1.8	24.56	<=33.01	Pass
		15	0	22.74	1.8	24.54	<=33.01	Pass

	1851.5	1	0	22.83	1.8	24.63	<=33.01	Pass
			7	22.86	1.8	24.66	<=33.01	Pass
			14	22.89	1.8	24.69	<=33.01	Pass
		8	0	21.76	1.8	23.56	<=33.01	Pass
			4	21.83	1.8	23.63	<=33.01	Pass
			7	21.78	1.8	23.58	<=33.01	Pass
		15	0	21.79	1.8	23.59	<=33.01	Pass
	1880	1	0	22.97	1.8	24.77	<=33.01	Pass
			7	22.96	1.8	24.76	<=33.01	Pass
			14	22.89	1.8	24.69	<=33.01	Pass
16QAM		8	0	21.86	1.8	23.66	<=33.01	Pass
			4	21.86	1.8	23.66	<=33.01	Pass
			7	21.89	1.8	23.69	<=33.01	Pass
		15	0	21.85	1.8	23.65	<=33.01	Pass
	1908.5	1	0	22.86	1.8	24.66	<=33.01	Pass
			7	22.85	1.8	24.65	<=33.01	Pass
			14	22.6	1.8	24.4	<=33.01	Pass
		8	0	21.77	1.8	23.57	<=33.01	Pass
			4	21.83	1.8	23.63	<=33.01	Pass
			7	21.76	1.8	23.56	<=33.01	Pass
		15	0	21.77	1.8	23.57	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.73	1.8	25.53	<=33.01	Pass
			13	23.76	1.8	25.56	<=33.01	Pass
			24	23.78	1.8	25.58	<=33.01	Pass
		12	0	22.78	1.8	24.58	<=33.01	Pass
			6	22.78	1.8	24.58	<=33.01	Pass
			13	22.81	1.8	24.61	<=33.01	Pass
		25	0	22.77	1.8	24.57	<=33.01	Pass
	1880	1	0	23.81	1.8	25.61	<=33.01	Pass
			13	23.88	1.8	25.68	<=33.01	Pass
			24	23.83	1.8	25.63	<=33.01	Pass

		12	0	22.85	1.8	24.65	<=33.01	Pass
			6	22.89	1.8	24.69	<=33.01	Pass
			13	22.77	1.8	24.57	<=33.01	Pass
		25	0	22.77	1.8	24.57	<=33.01	Pass
	1907.5	1	0	23.76	1.8	25.56	<=33.01	Pass
			13	23.8	1.8	25.6	<=33.01	Pass
			24	23.49	1.8	25.29	<=33.01	Pass
		12	0	22.8	1.8	24.6	<=33.01	Pass
			6	22.77	1.8	24.57	<=33.01	Pass
			13	22.77	1.8	24.57	<=33.01	Pass
		25	0	22.77	1.8	24.57	<=33.01	Pass
16QAM	1852.5	1	0	22.81	1.8	24.61	<=33.01	Pass
			13	22.85	1.8	24.65	<=33.01	Pass
			24	22.84	1.8	24.64	<=33.01	Pass
		12	0	21.79	1.8	23.59	<=33.01	Pass
			6	21.8	1.8	23.6	<=33.01	Pass
			13	21.8	1.8	23.6	<=33.01	Pass
		25	0	21.77	1.8	23.57	<=33.01	Pass
	1880	1	0	23.06	1.8	24.86	<=33.01	Pass
			13	22.93	1.8	24.73	<=33.01	Pass
			24	22.92	1.8	24.72	<=33.01	Pass
		12	0	21.85	1.8	23.65	<=33.01	Pass
			6	21.89	1.8	23.69	<=33.01	Pass
			13	21.8	1.8	23.6	<=33.01	Pass
		25	0	21.76	1.8	23.56	<=33.01	Pass
	1907.5	1	0	22.94	1.8	24.74	<=33.01	Pass
			13	22.96	1.8	24.76	<=33.01	Pass
			24	22.73	1.8	24.53	<=33.01	Pass
		12	0	21.84	1.8	23.64	<=33.01	Pass
			6	21.83	1.8	23.63	<=33.01	Pass
			13	21.81	1.8	23.61	<=33.01	Pass
		25	0	21.83	1.8	23.63	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	1855	1	0	23.68	1.8	25.48	<=33.01	Pass
			25	23.78	1.8	25.58	<=33.01	Pass
			49	23.72	1.8	25.52	<=33.01	Pass
		25	0	22.8	1.8	24.6	<=33.01	Pass
			13	22.85	1.8	24.65	<=33.01	Pass
			25	22.82	1.8	24.62	<=33.01	Pass
		50	0	22.86	1.8	24.66	<=33.01	Pass
	1880	1	0	23.65	1.8	25.45	<=33.01	Pass
			25	23.77	1.8	25.57	<=33.01	Pass
			49	23.71	1.8	25.51	<=33.01	Pass
		25	0	22.79	1.8	24.59	<=33.01	Pass
			13	22.76	1.8	24.56	<=33.01	Pass
			25	22.74	1.8	24.54	<=33.01	Pass
		50	0	22.75	1.8	24.55	<=33.01	Pass
	1905	1	0	23.72	1.8	25.52	<=33.01	Pass
			25	23.71	1.8	25.51	<=33.01	Pass
			49	23.65	1.8	25.45	<=33.01	Pass
		25	0	22.75	1.8	24.55	<=33.01	Pass
			13	22.75	1.8	24.55	<=33.01	Pass
			25	22.7	1.8	24.5	<=33.01	Pass
		50	0	22.78	1.8	24.58	<=33.01	Pass
16QAM	1855	1	0	22.9	1.8	24.7	<=33.01	Pass
			25	22.89	1.8	24.69	<=33.01	Pass
			49	22.86	1.8	24.66	<=33.01	Pass
		25	0	21.79	1.8	23.59	<=33.01	Pass
			13	21.86	1.8	23.66	<=33.01	Pass
			25	21.84	1.8	23.64	<=33.01	Pass
		50	0	21.88	1.8	23.68	<=33.01	Pass
	1880	1	0	22.9	1.8	24.7	<=33.01	Pass
			25	22.94	1.8	24.74	<=33.01	Pass
			49	22.9	1.8	24.7	<=33.01	Pass
		25	0	21.8	1.8	23.6	<=33.01	Pass
			13	21.8	1.8	23.6	<=33.01	Pass
			25	21.75	1.8	23.55	<=33.01	Pass
		50	0	21.78	1.8	23.58	<=33.01	Pass
	1905	1	0	22.83	1.8	24.63	<=33.01	Pass
			25	22.88	1.8	24.68	<=33.01	Pass

			49	22.83	1.8	24.63	<=33.01	Pass
		25	0	21.8	1.8	23.6	<=33.01	Pass
			13	21.82	1.8	23.62	<=33.01	Pass
			25	21.77	1.8	23.57	<=33.01	Pass
		50	0	21.84	1.8	23.64	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.61	1.8	25.41	<=33.01	Pass
			38	23.69	1.8	25.49	<=33.01	Pass
			74	23.65	1.8	25.45	<=33.01	Pass
		36	0	22.77	1.8	24.57	<=33.01	Pass
			18	22.78	1.8	24.58	<=33.01	Pass
			39	22.77	1.8	24.57	<=33.01	Pass
		75	0	22.85	1.8	24.65	<=33.01	Pass
	1880	1	0	23.64	1.8	25.44	<=33.01	Pass
			38	23.77	1.8	25.57	<=33.01	Pass
			74	23.74	1.8	25.54	<=33.01	Pass
		36	0	22.75	1.8	24.55	<=33.01	Pass
			18	22.74	1.8	24.54	<=33.01	Pass
			39	22.76	1.8	24.56	<=33.01	Pass
		75	0	22.82	1.8	24.62	<=33.01	Pass
	1902.5	1	0	23.74	1.8	25.54	<=33.01	Pass
			38	23.75	1.8	25.55	<=33.01	Pass
			74	23.58	1.8	25.38	<=33.01	Pass
		36	0	22.77	1.8	24.57	<=33.01	Pass
			18	22.79	1.8	24.59	<=33.01	Pass
			39	22.77	1.8	24.57	<=33.01	Pass
		75	0	22.88	1.8	24.68	<=33.01	Pass
16QAM	1857.5	1	0	22.82	1.8	24.62	<=33.01	Pass
			38	22.96	1.8	24.76	<=33.01	Pass
			74	22.83	1.8	24.63	<=33.01	Pass
		36	0	21.79	1.8	23.59	<=33.01	Pass
			18	21.79	1.8	23.59	<=33.01	Pass

			39	21.76	1.8	23.56	<=33.01	Pass
		75	0	21.89	1.8	23.69	<=33.01	Pass
	1880	1	0	22.91	1.8	24.71	<=33.01	Pass
			38	22.89	1.8	24.69	<=33.01	Pass
			74	22.95	1.8	24.75	<=33.01	Pass
		36	0	21.82	1.8	23.62	<=33.01	Pass
			18	21.74	1.8	23.54	<=33.01	Pass
			39	21.78	1.8	23.58	<=33.01	Pass
		75	0	21.85	1.8	23.65	<=33.01	Pass
	1902.5	1	0	22.86	1.8	24.66	<=33.01	Pass
			38	22.85	1.8	24.65	<=33.01	Pass
			74	22.72	1.8	24.52	<=33.01	Pass
		36	0	21.84	1.8	23.64	<=33.01	Pass
			18	21.81	1.8	23.61	<=33.01	Pass
			39	21.73	1.8	23.53	<=33.01	Pass
		75	0	21.84	1.8	23.64	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.71	1.8	25.51	<=33.01	Pass
			50	23.71	1.8	25.51	<=33.01	Pass
			99	23.67	1.8	25.47	<=33.01	Pass
		50	0	22.79	1.8	24.59	<=33.01	Pass
			25	22.84	1.8	24.64	<=33.01	Pass
			50	22.77	1.8	24.57	<=33.01	Pass
		100	0	22.93	1.8	24.73	<=33.01	Pass
	1880	1	0	23.69	1.8	25.49	<=33.01	Pass
			50	23.76	1.8	25.56	<=33.01	Pass
			99	23.76	1.8	25.56	<=33.01	Pass
		50	0	22.83	1.8	24.63	<=33.01	Pass
			25	22.82	1.8	24.62	<=33.01	Pass
			50	22.84	1.8	24.64	<=33.01	Pass
		100	0	22.91	1.8	24.71	<=33.01	Pass
	1900	1	0	23.75	1.8	25.55	<=33.01	Pass

			50	23.7	1.8	25.5	<=33.01	Pass
			99	23.57	1.8	25.37	<=33.01	Pass
		50	0	22.86	1.8	24.66	<=33.01	Pass
			25	22.86	1.8	24.66	<=33.01	Pass
			50	22.78	1.8	24.58	<=33.01	Pass
		100	0	23	1.8	24.8	<=33.01	Pass
16QAM	1860	1	0	22.88	1.8	24.68	<=33.01	Pass
			50	23.01	1.8	24.81	<=33.01	Pass
			99	22.9	1.8	24.7	<=33.01	Pass
		50	0	21.78	1.8	23.58	<=33.01	Pass
			25	21.81	1.8	23.61	<=33.01	Pass
			50	21.82	1.8	23.62	<=33.01	Pass
		100	0	21.98	1.8	23.78	<=33.01	Pass
	1880	1	0	22.73	1.8	24.53	<=33.01	Pass
			50	23.05	1.8	24.85	<=33.01	Pass
			99	22.92	1.8	24.72	<=33.01	Pass
		50	0	21.8	1.8	23.6	<=33.01	Pass
			25	21.81	1.8	23.61	<=33.01	Pass
			50	21.77	1.8	23.57	<=33.01	Pass
		100	0	21.93	1.8	23.73	<=33.01	Pass
	1900	1	0	22.93	1.8	24.73	<=33.01	Pass
			50	22.94	1.8	24.74	<=33.01	Pass
			99	22.76	1.8	24.56	<=33.01	Pass
		50	0	21.83	1.8	23.63	<=33.01	Pass
			25	21.86	1.8	23.66	<=33.01	Pass
			50	21.76	1.8	23.56	<=33.01	Pass
		100	0	21.96	1.8	23.76	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B2_20MHz

2.1.1 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	-1.726	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.377	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.006	-0.0011	-2.5 to 2.5	Pass

				-30	3.85	-1.406	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.948	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.327	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.001	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.348	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.310	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.074	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.937	-0.0010	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	0.953	0.0005	-2.5 to 2.5	Pass
					3.85	0.307	0.0002	-2.5 to 2.5	Pass
					4.43	0.180	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.467	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.176	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.380	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.145	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.021	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.897	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.894	0.0005	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-4.109	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.757	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.049	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-5.342	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-3.466	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.763	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.699	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.445	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.538	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.436	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band2_OBW

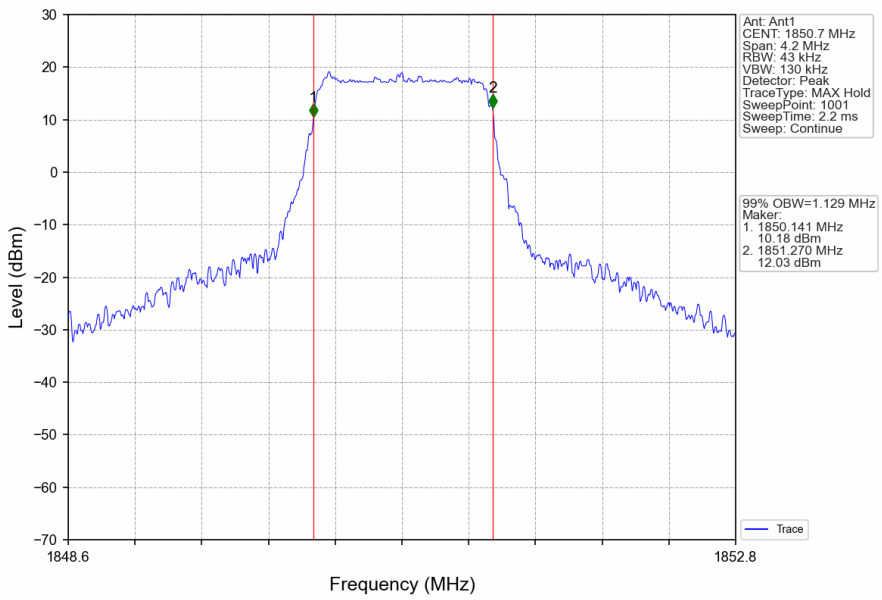
3.1.1 Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.129	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.125	/	Pass
	16QAM	1850.7	6	0	1.125	/	Pass
		1880	6	0	1.133	/	Pass
		1909.3	6	0	1.126	/	Pass
3	QPSK	1851.5	15	0	2.748	/	Pass
		1880	15	0	2.743	/	Pass
		1908.5	15	0	2.756	/	Pass
	16QAM	1851.5	15	0	2.751	/	Pass
		1880	15	0	2.758	/	Pass
		1908.5	15	0	2.751	/	Pass
5	QPSK	1852.5	25	0	4.572	/	Pass
		1880	25	0	4.569	/	Pass

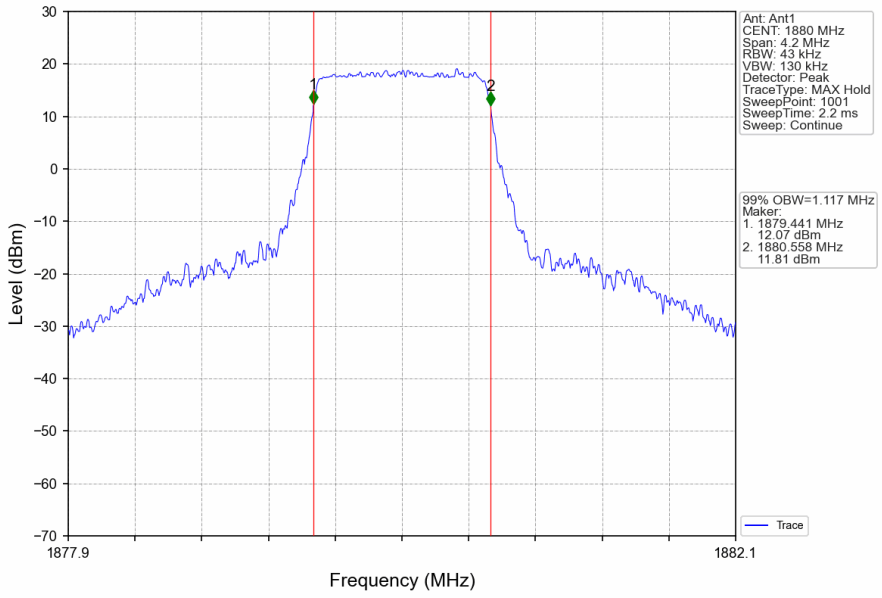
		1907.5	25	0	4.586	/	Pass
	16QAM	1852.5	25	0	4.599	/	Pass
		1880	25	0	4.594	/	Pass
		1907.5	25	0	4.570	/	Pass
10	QPSK	1855	50	0	9.075	/	Pass
		1880	50	0	9.111	/	Pass
		1905	50	0	9.068	/	Pass
	16QAM	1855	50	0	9.083	/	Pass
		1880	50	0	9.058	/	Pass
		1905	50	0	9.064	/	Pass
15	QPSK	1857.5	75	0	13.614	/	Pass
		1880	75	0	13.596	/	Pass
		1902.5	75	0	13.544	/	Pass
	16QAM	1857.5	75	0	13.636	/	Pass
		1880	75	0	13.607	/	Pass
		1902.5	75	0	13.560	/	Pass
20	QPSK	1860	100	0	18.131	/	Pass
		1880	100	0	18.107	/	Pass
		1900	100	0	18.092	/	Pass
	16QAM	1860	100	0	18.087	/	Pass
		1880	100	0	18.074	/	Pass
		1900	100	0	18.009	/	Pass

3.1.2 Test Graph

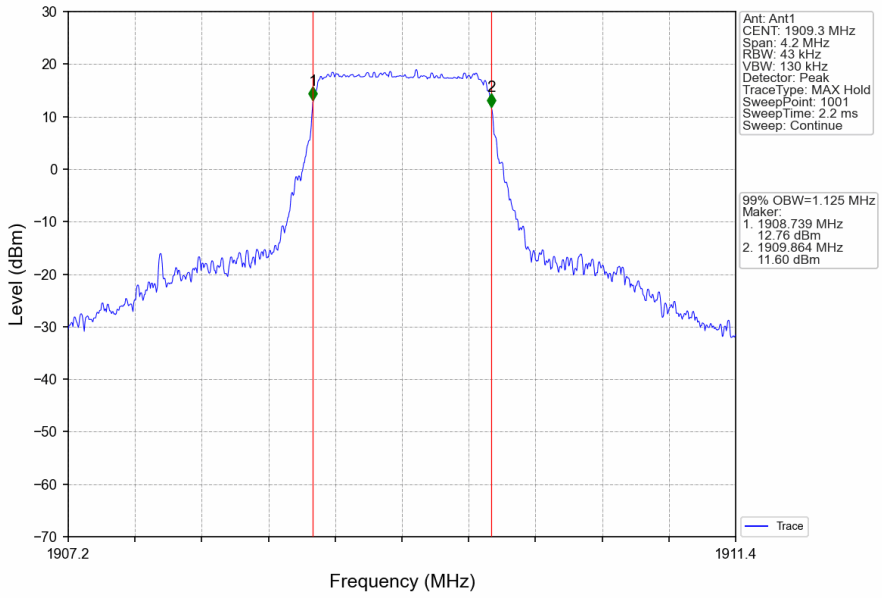
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



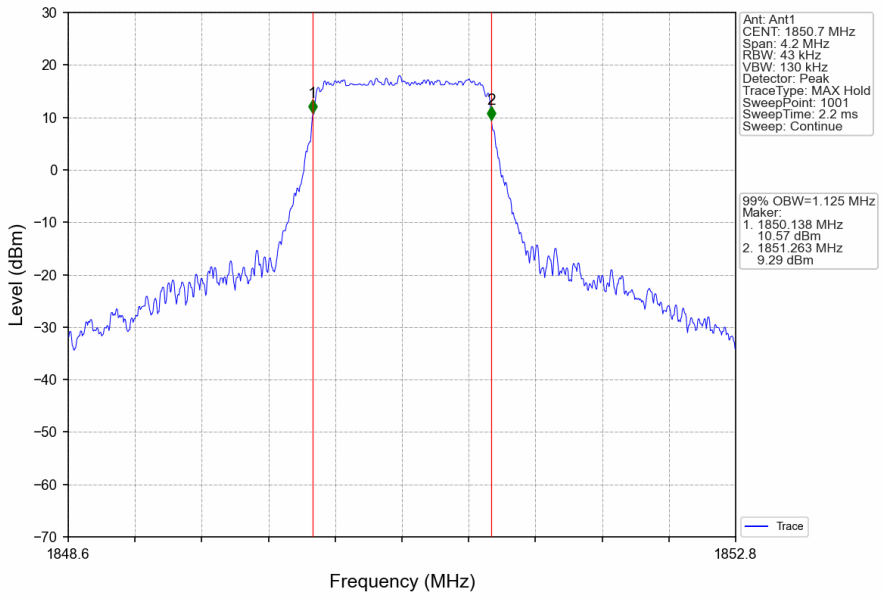
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



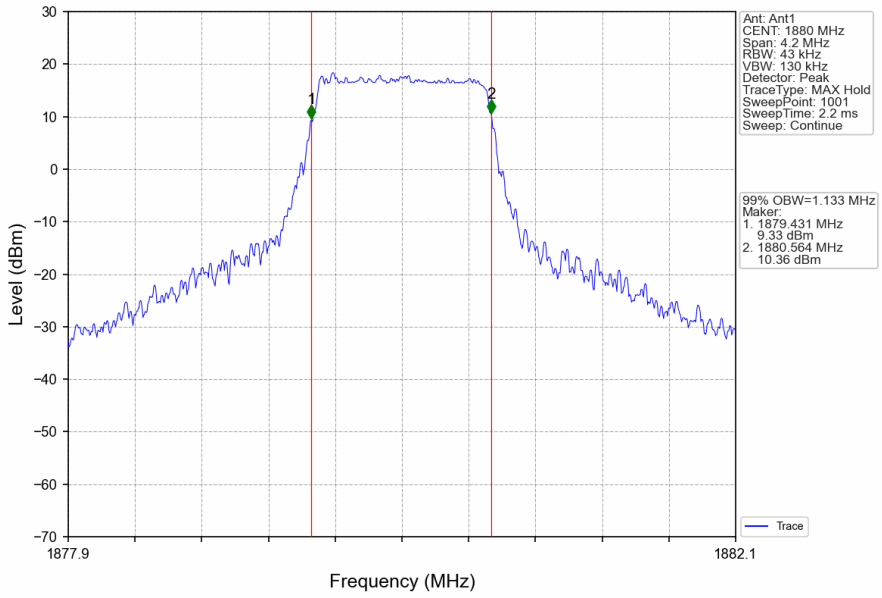
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



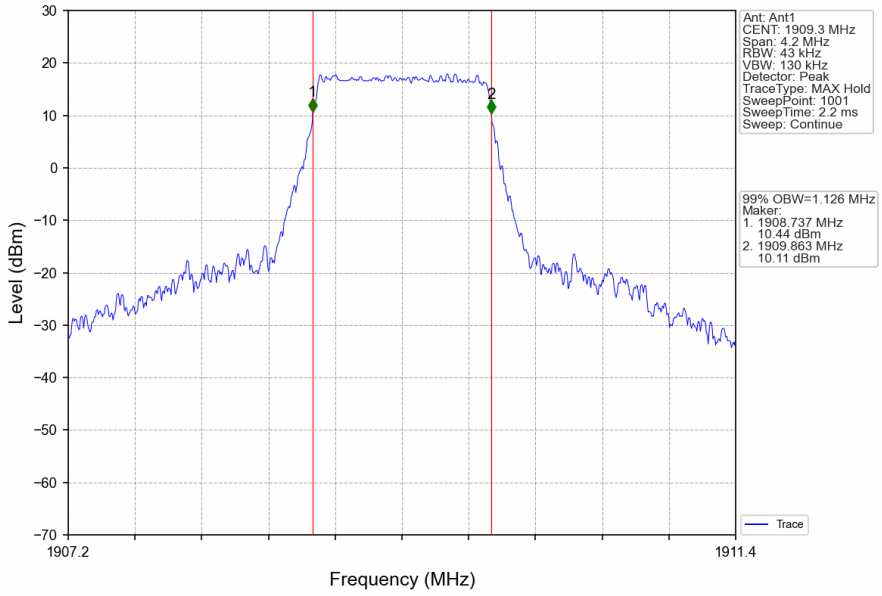
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



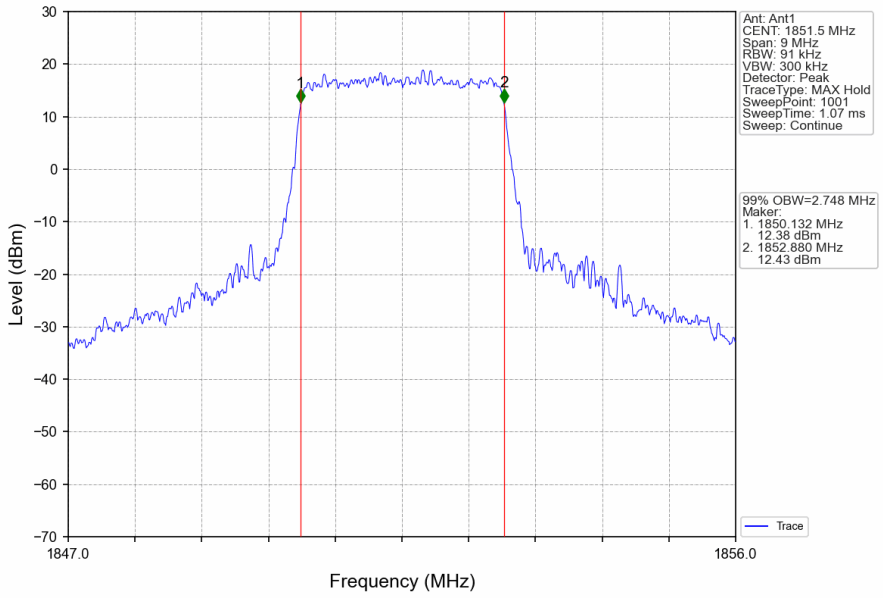
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



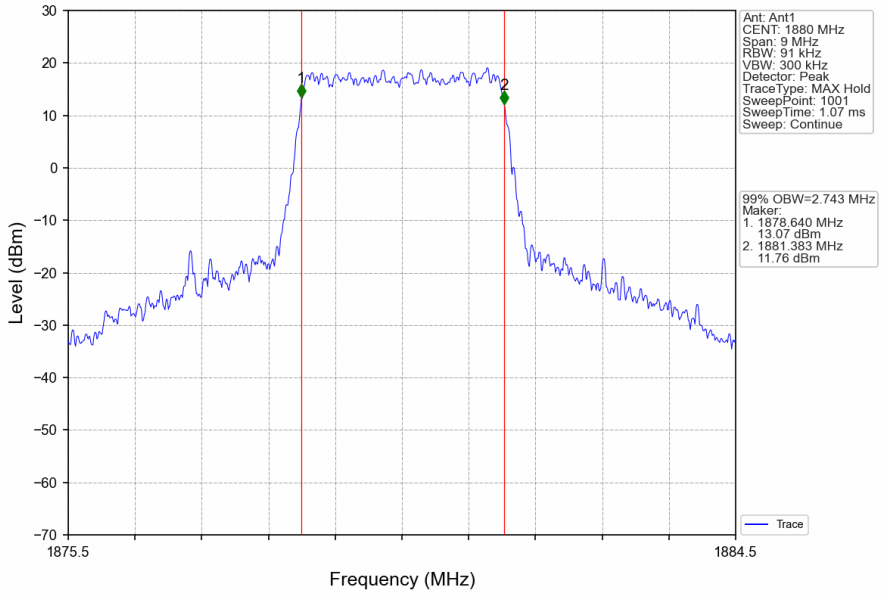
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



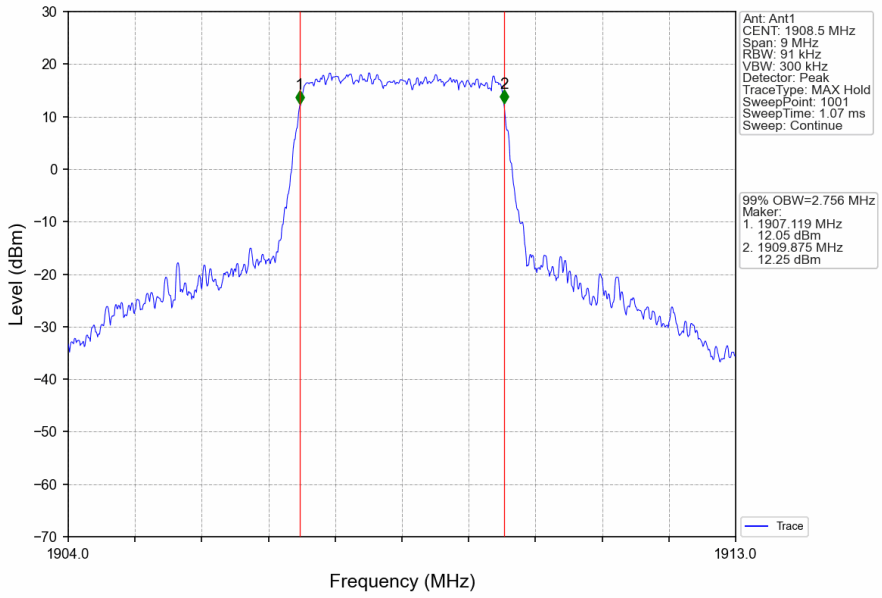
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



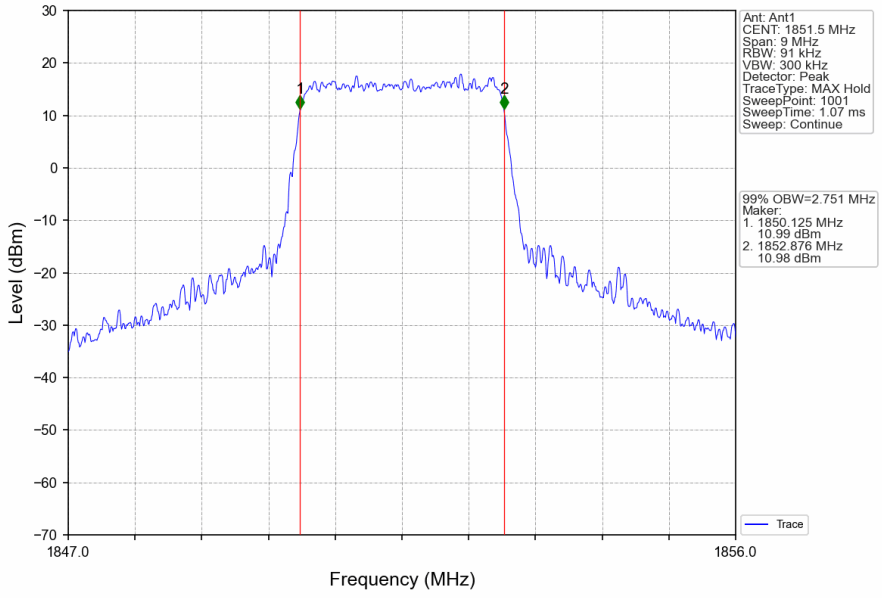
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



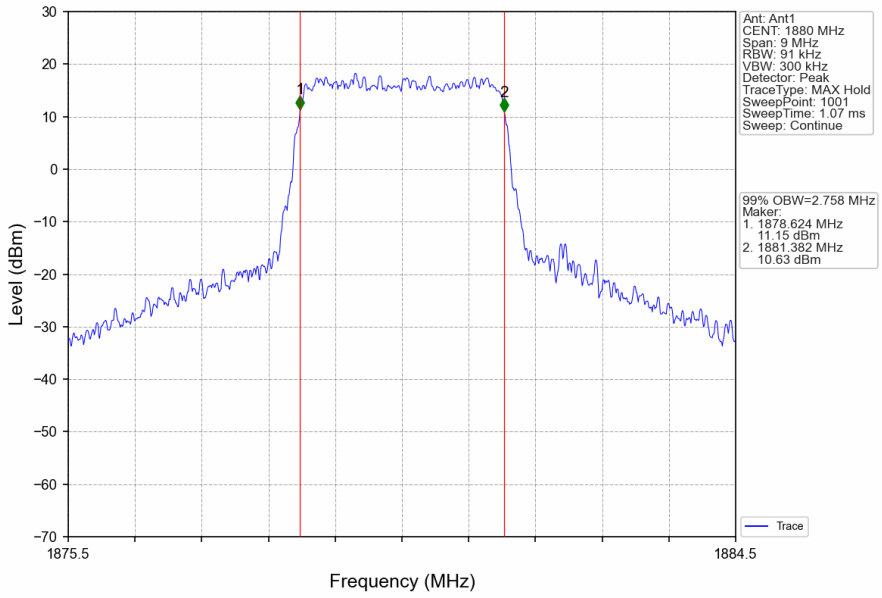
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



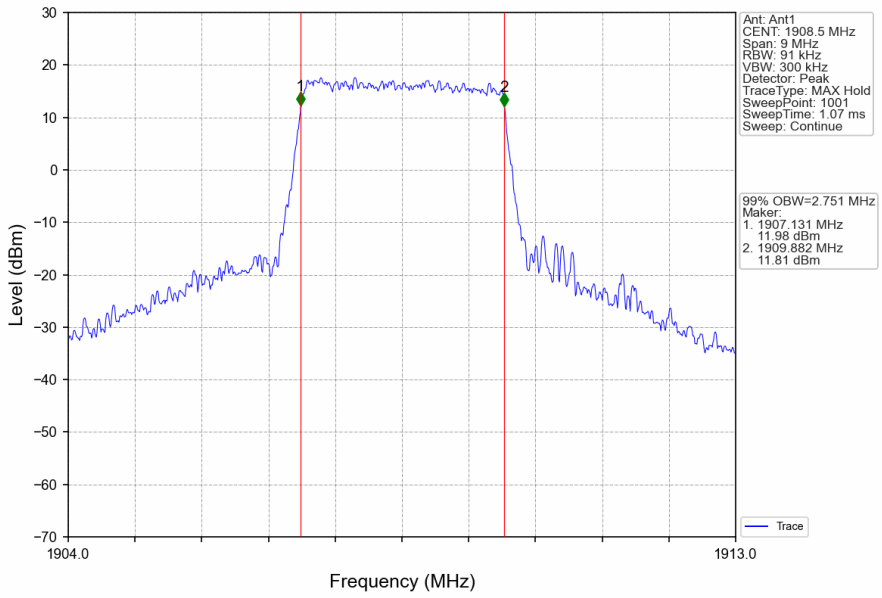
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



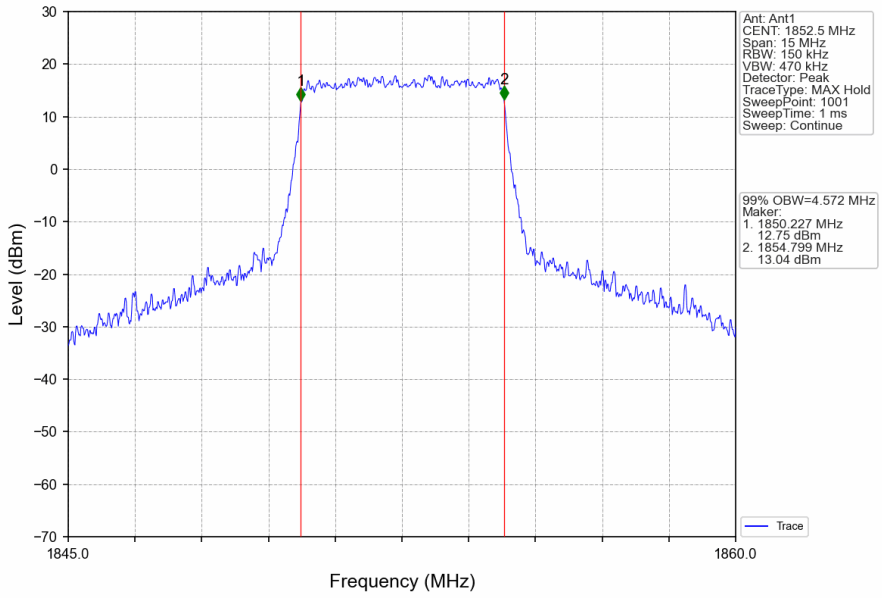
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



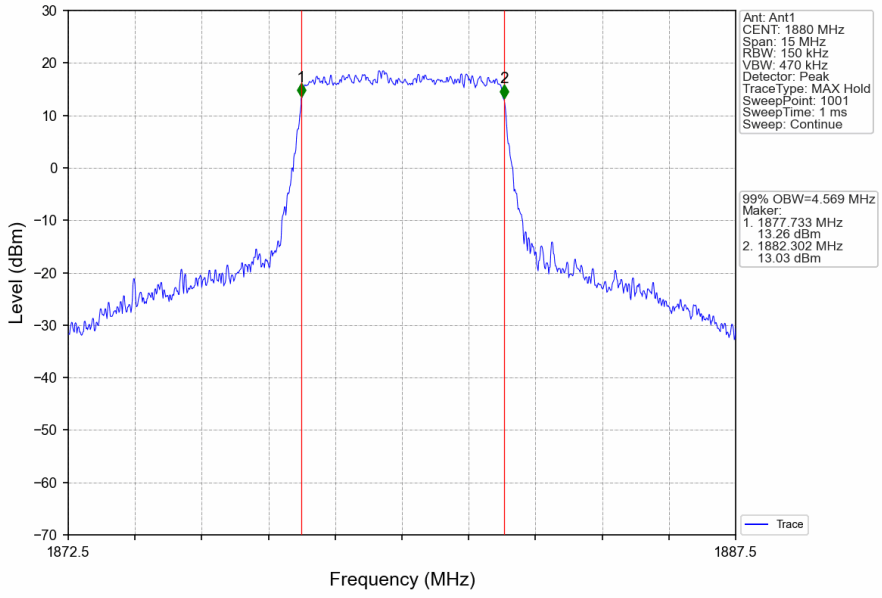
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



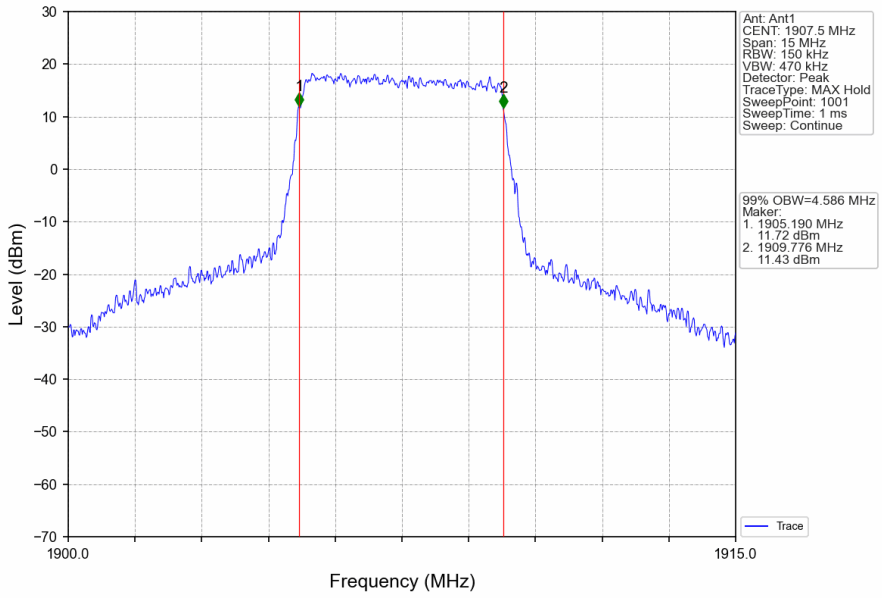
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



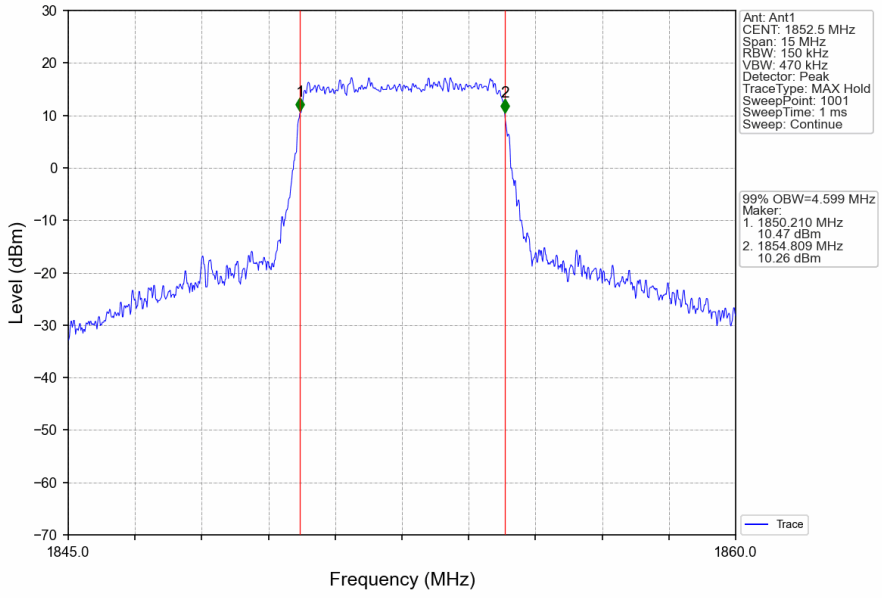
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



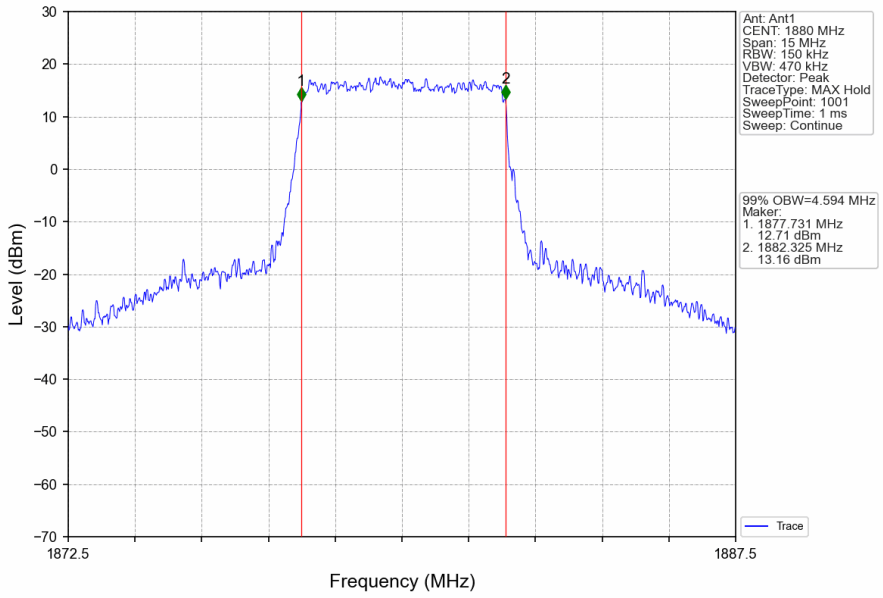
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



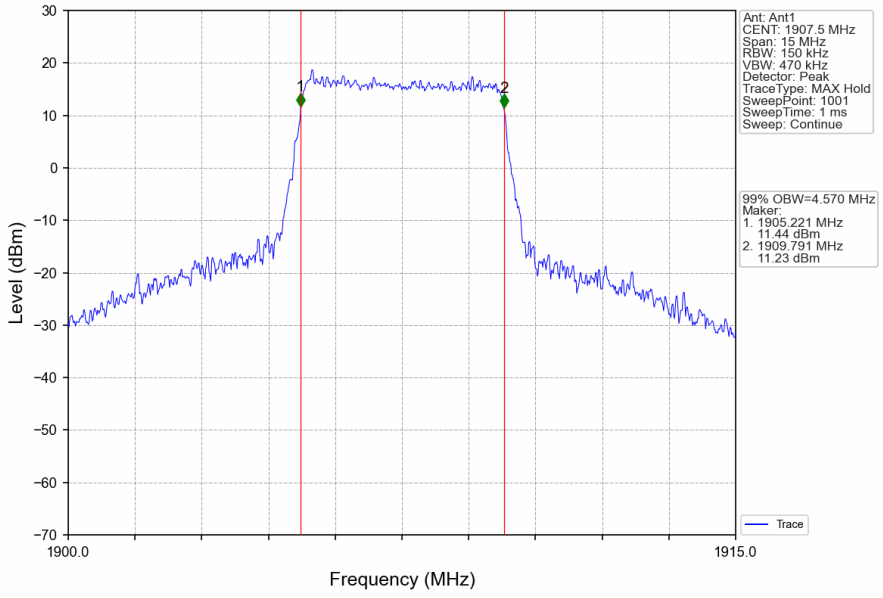
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



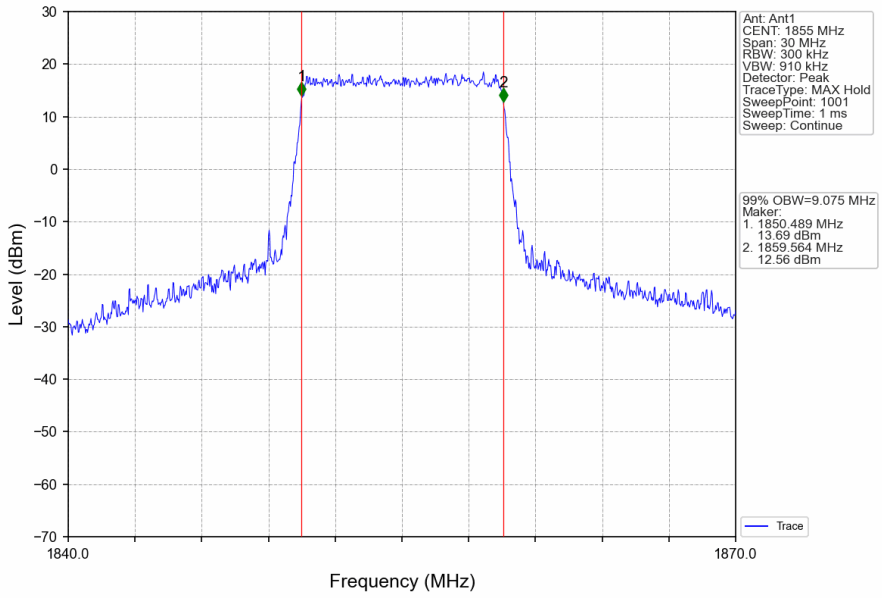
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



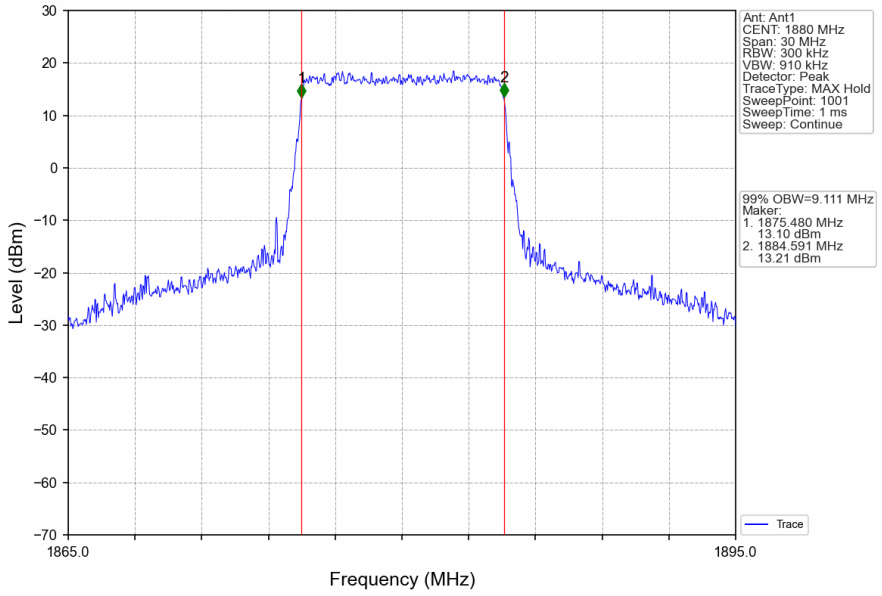
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



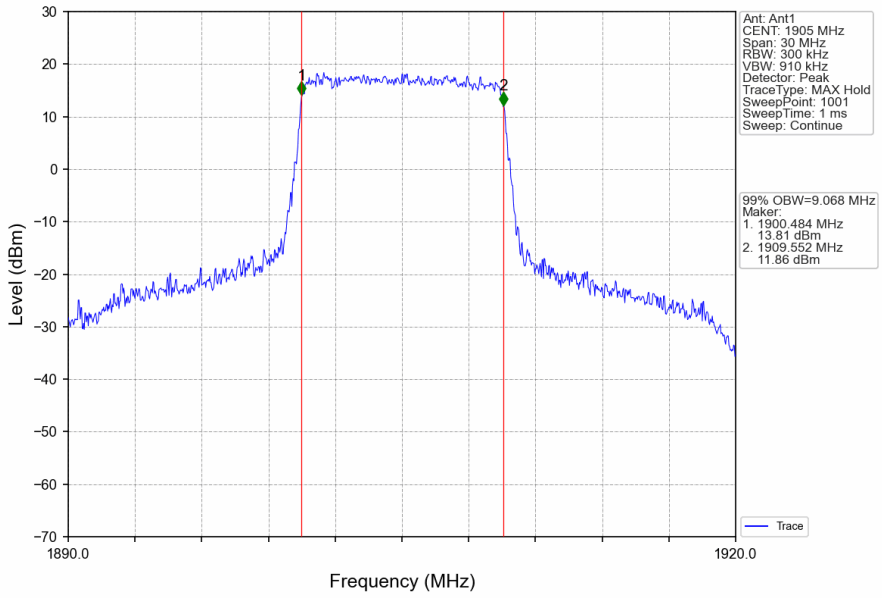
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



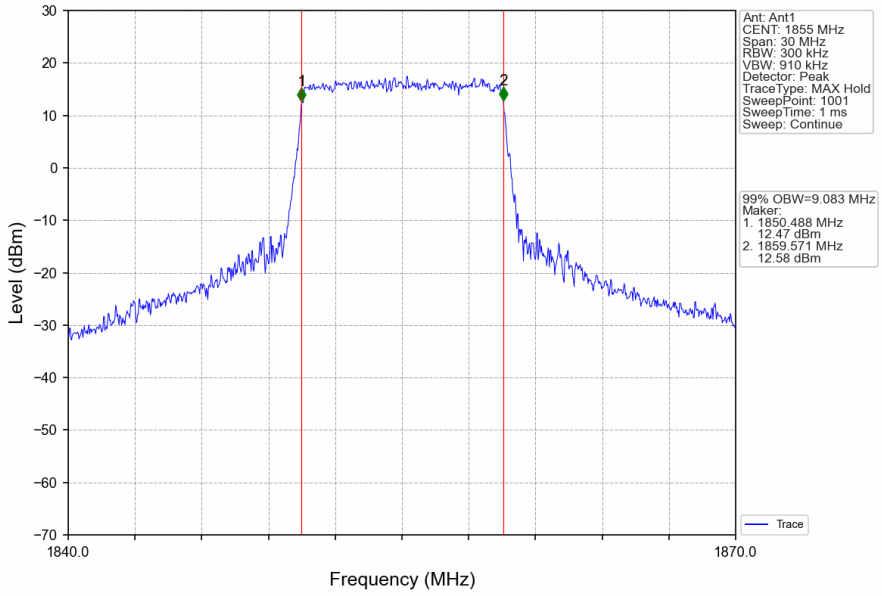
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



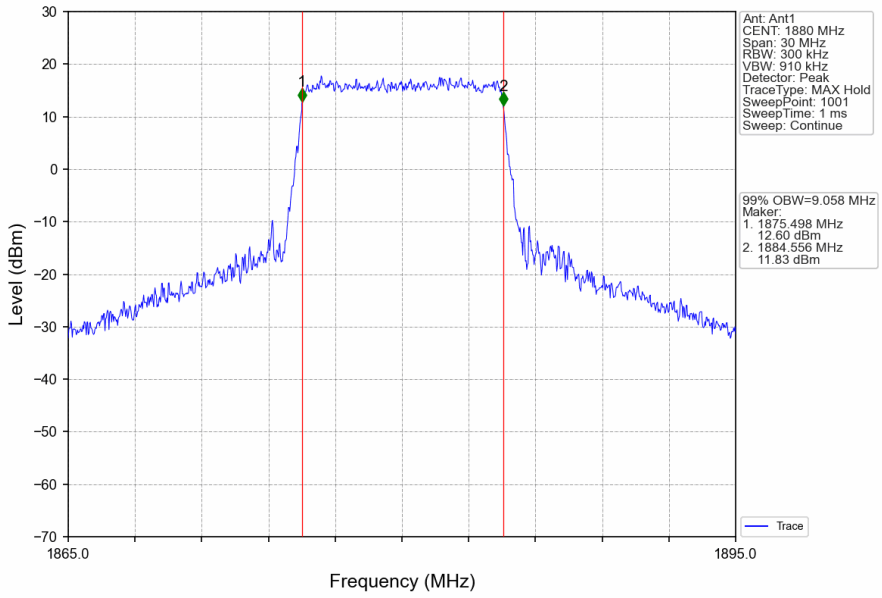
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



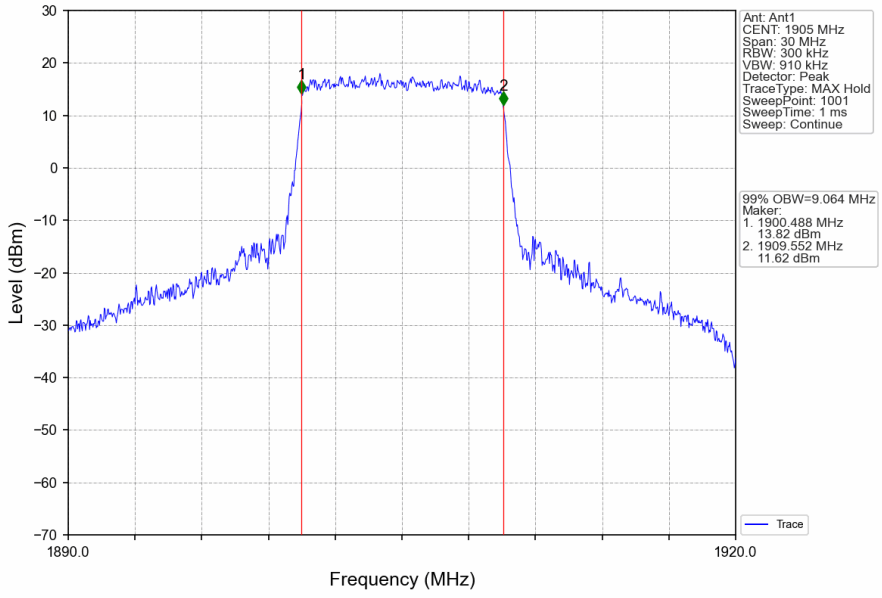
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



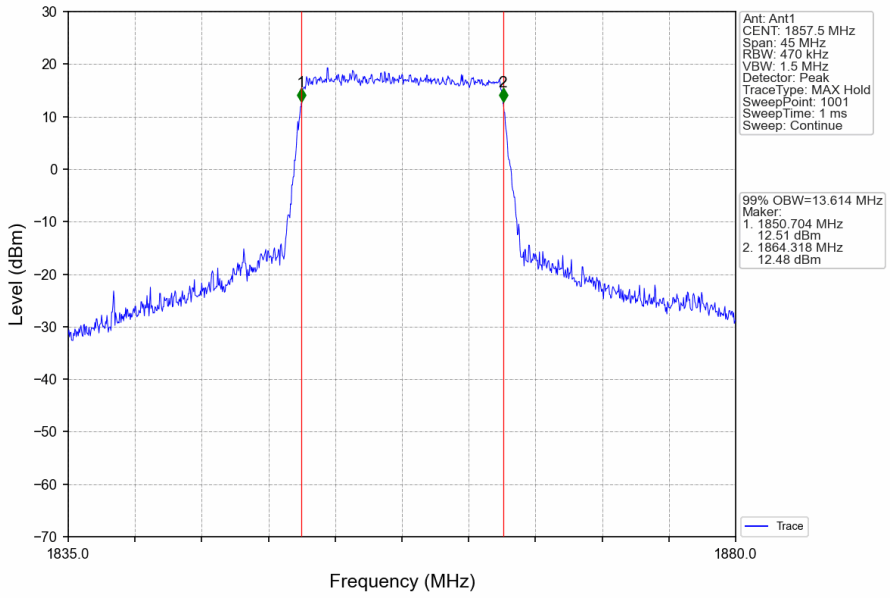
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



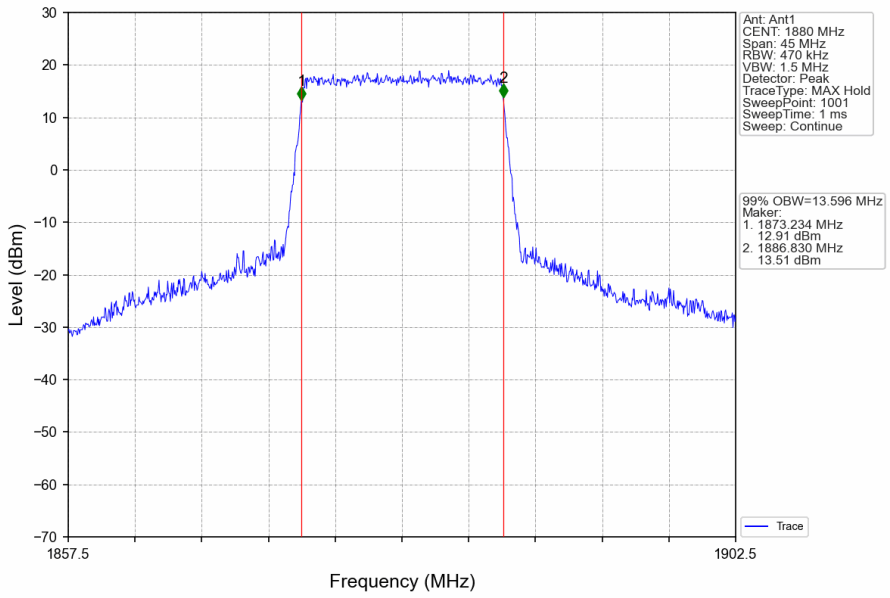
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



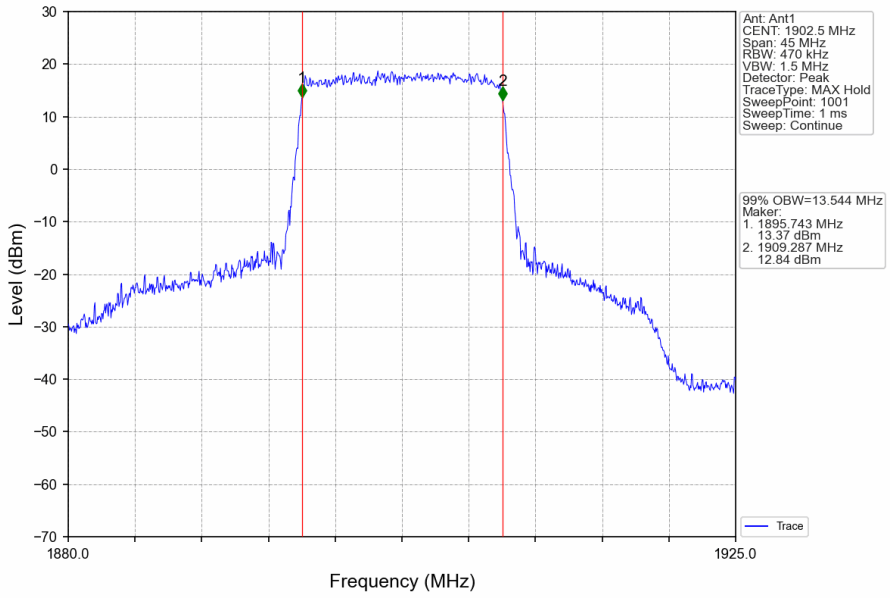
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



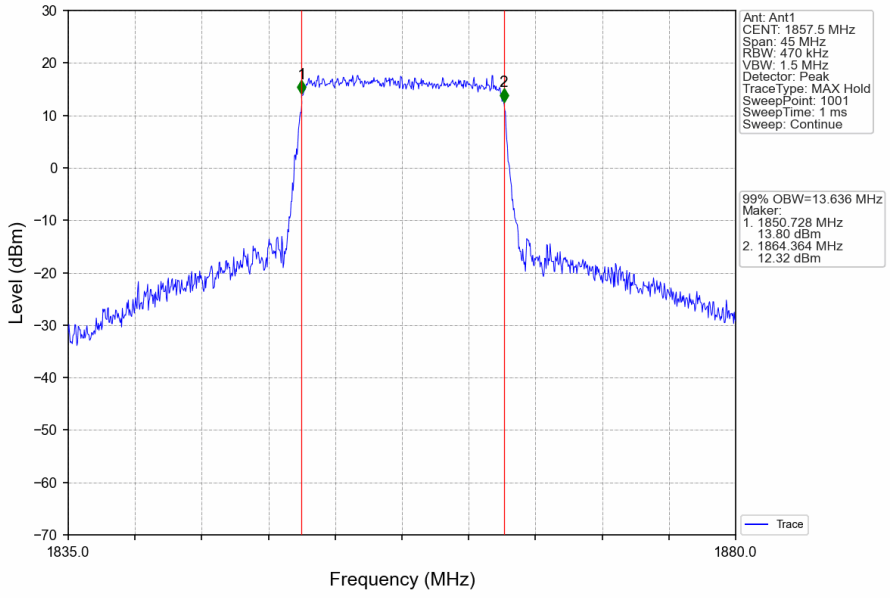
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



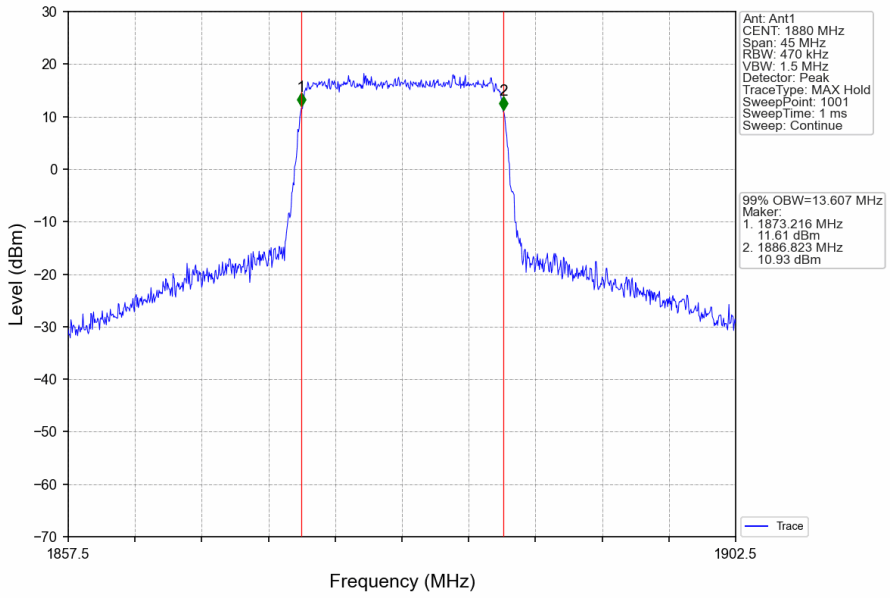
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



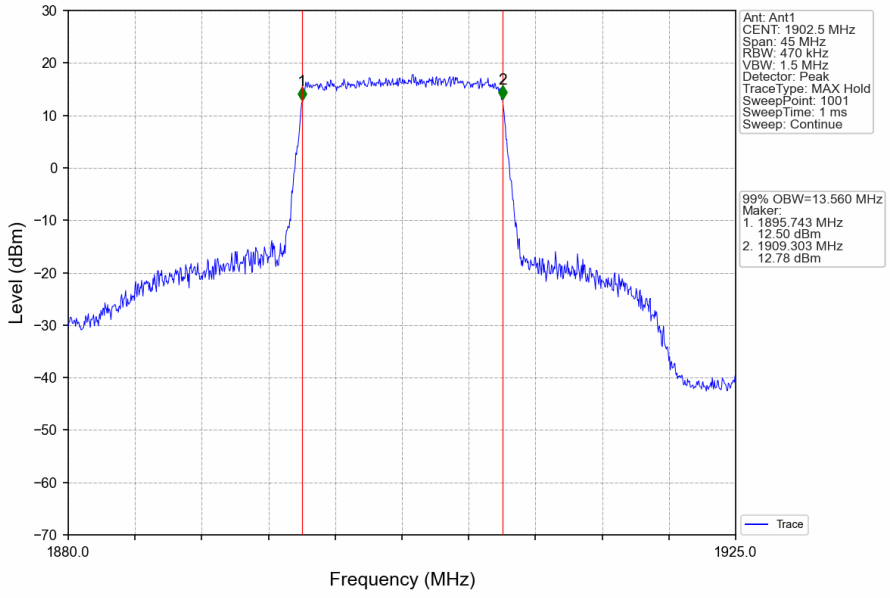
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



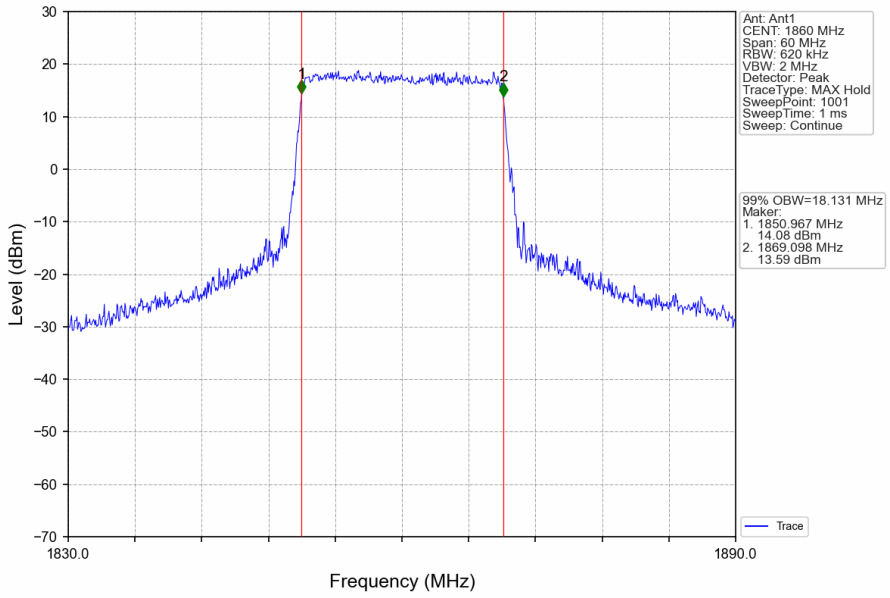
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



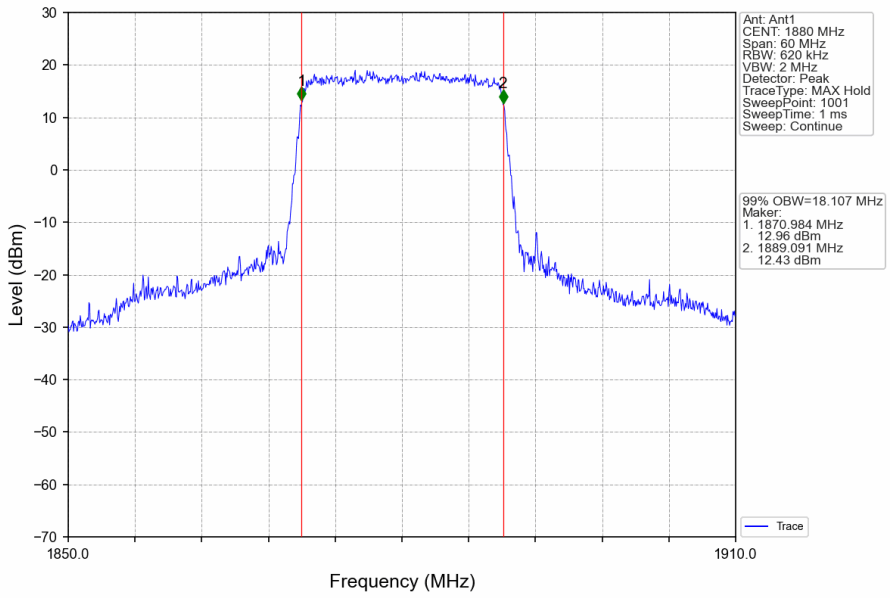
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



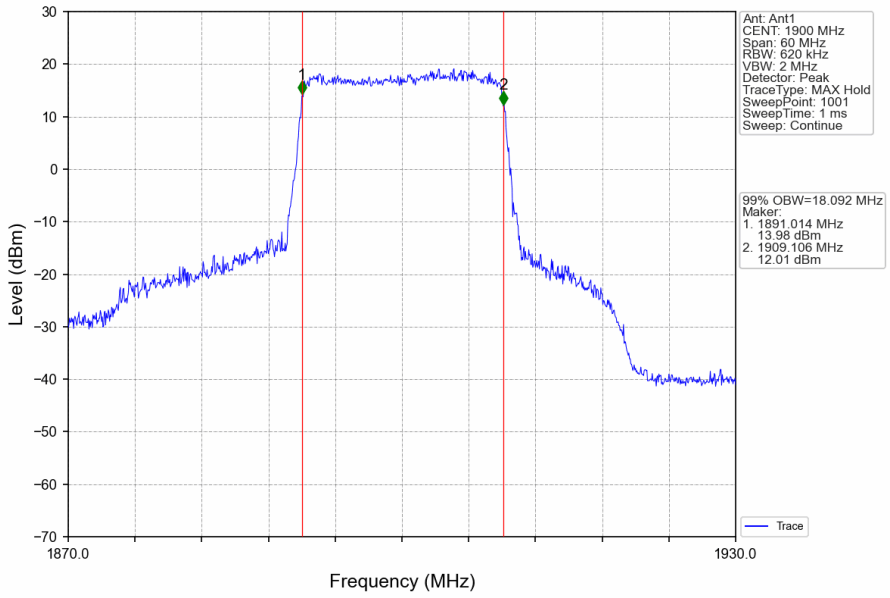
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



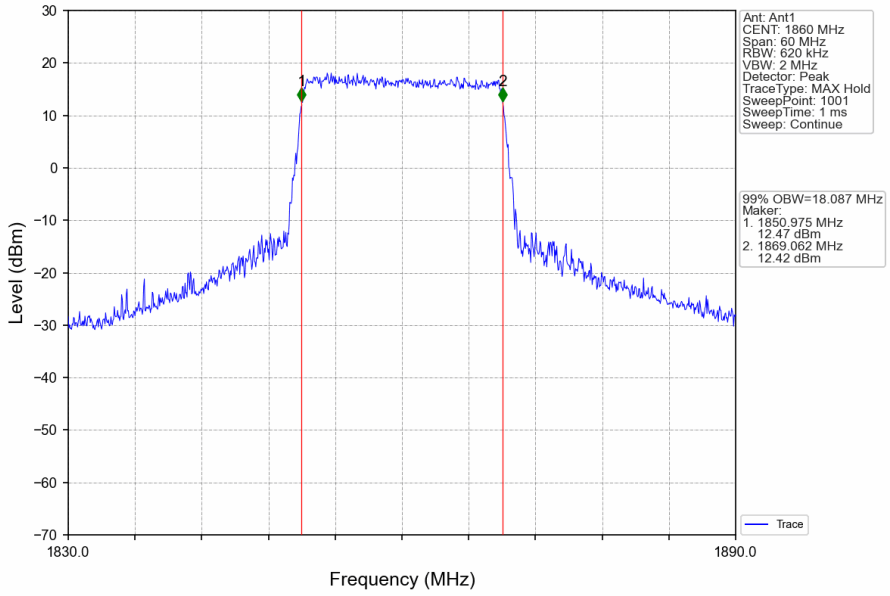
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



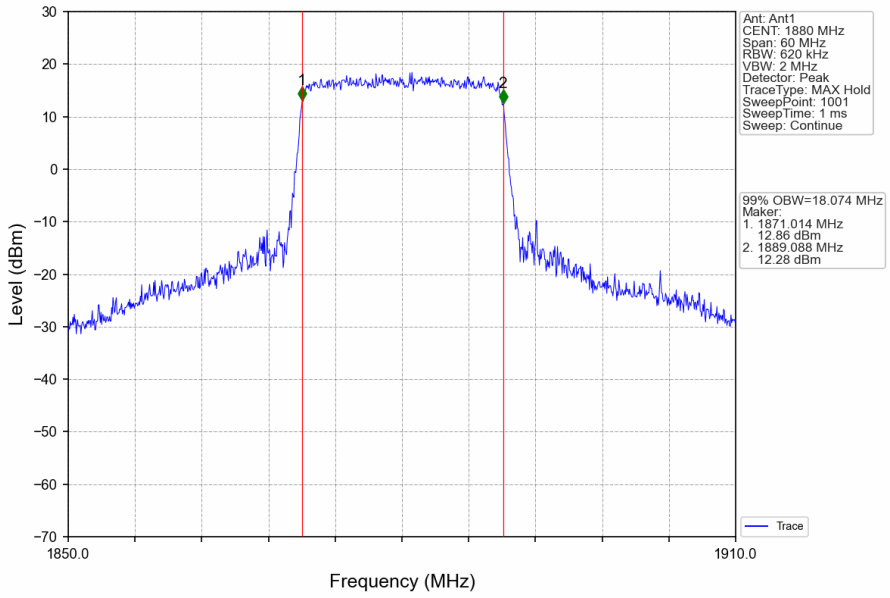
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



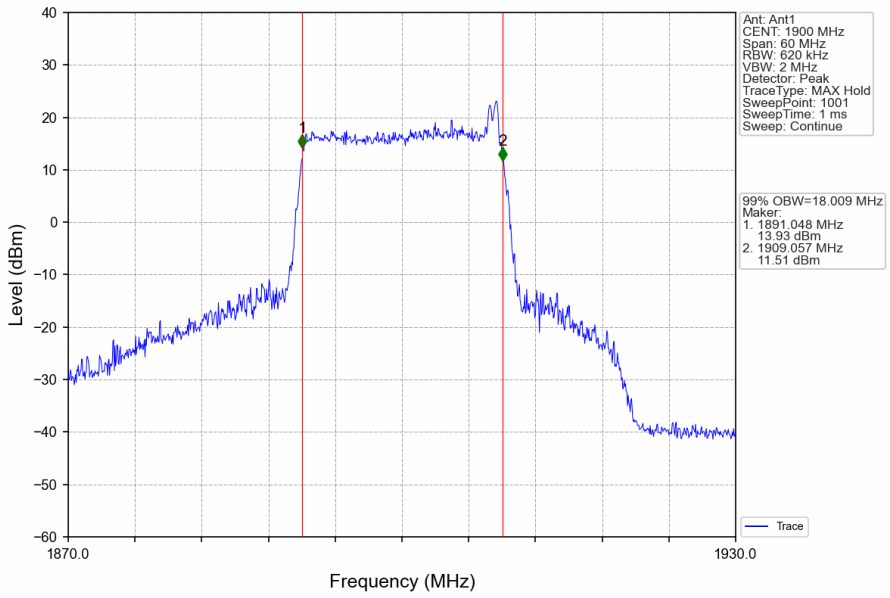
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



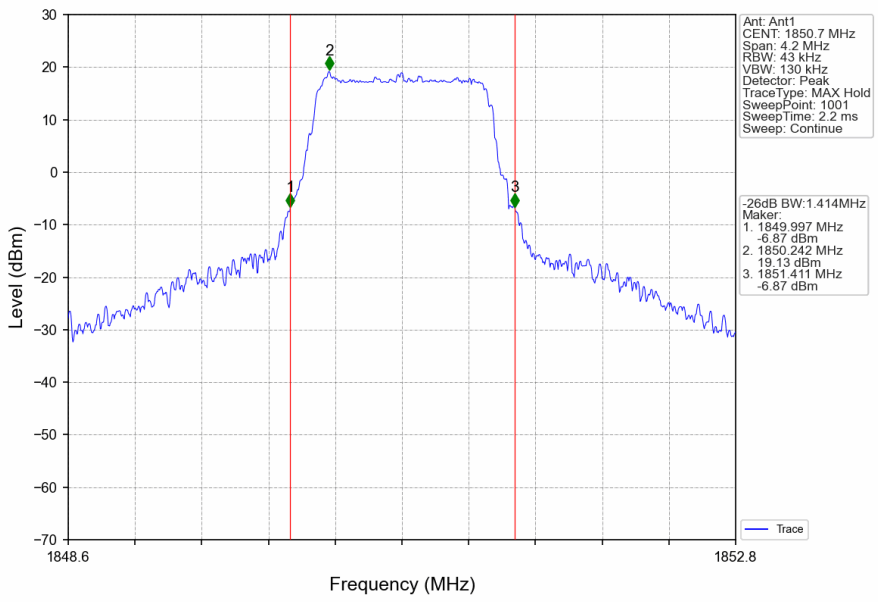
3.2 Band2_XDB

3.2.1 Test Result

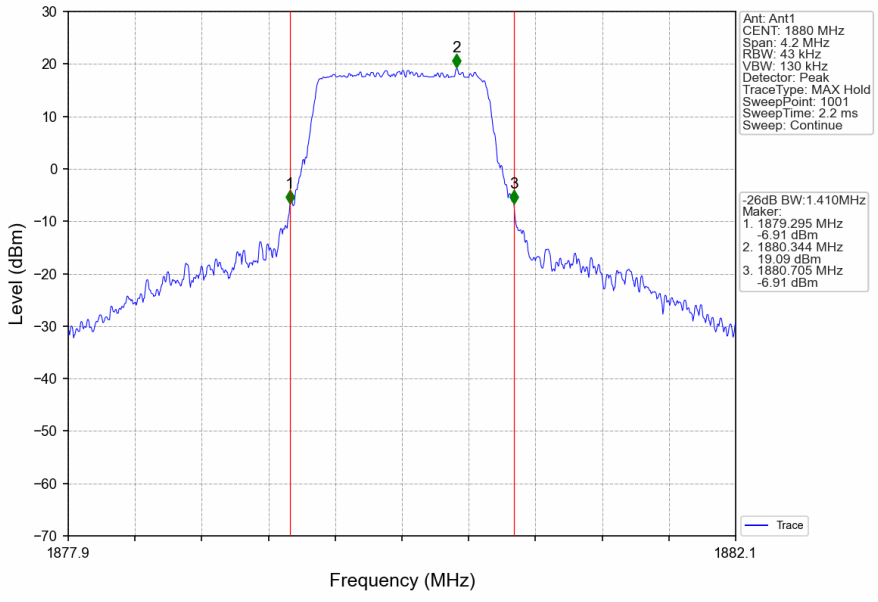
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.414	/	Pass
		1880	6	0	1.410	/	Pass
		1909.3	6	0	1.396	/	Pass
	16QAM	1850.7	6	0	1.398	/	Pass
		1880	6	0	1.435	/	Pass
		1909.3	6	0	1.416	/	Pass
3	QPSK	1851.5	15	0	3.144	/	Pass
		1880	15	0	3.099	/	Pass
		1908.5	15	0	3.139	/	Pass
	16QAM	1851.5	15	0	3.114	/	Pass
		1880	15	0	3.165	/	Pass
		1908.5	15	0	3.132	/	Pass
5	QPSK	1852.5	25	0	5.249	/	Pass
		1880	25	0	5.247	/	Pass
		1907.5	25	0	5.247	/	Pass
	16QAM	1852.5	25	0	5.262	/	Pass
		1880	25	0	5.280	/	Pass
		1907.5	25	0	5.206	/	Pass
10	QPSK	1855	50	0	10.235	/	Pass
		1880	50	0	10.248	/	Pass
		1905	50	0	10.094	/	Pass
	16QAM	1855	50	0	10.208	/	Pass
		1880	50	0	10.201	/	Pass
		1905	50	0	10.173	/	Pass
15	QPSK	1857.5	75	0	15.155	/	Pass
		1880	75	0	15.131	/	Pass
		1902.5	75	0	15.118	/	Pass
	16QAM	1857.5	75	0	15.085	/	Pass
		1880	75	0	15.081	/	Pass
		1902.5	75	0	15.052	/	Pass
20	QPSK	1860	100	0	20.112	/	Pass
		1880	100	0	20.095	/	Pass
		1900	100	0	20.054	/	Pass
	16QAM	1860	100	0	20.308	/	Pass
		1880	100	0	19.958	/	Pass
		1900	100	0	19.533	/	Pass

3.2.2 Test Graph

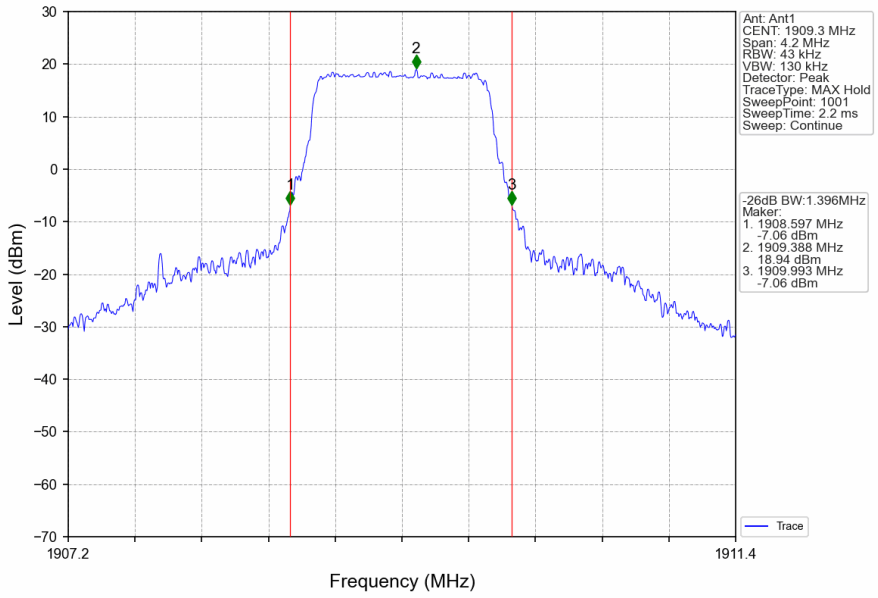
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



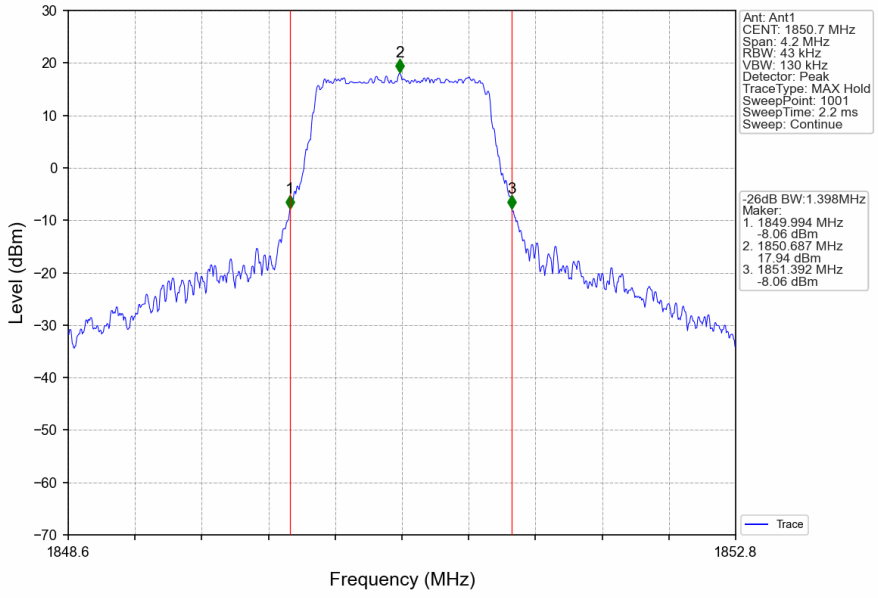
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



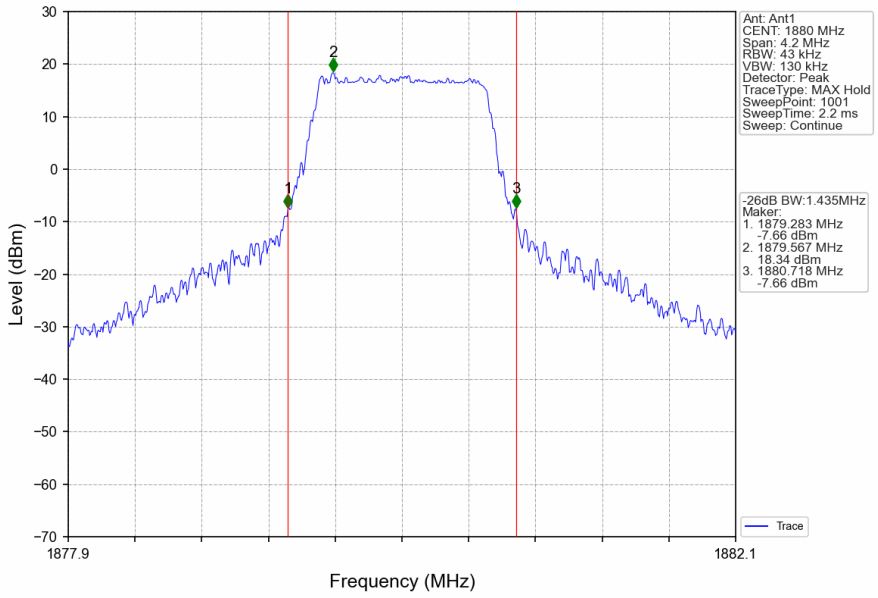
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



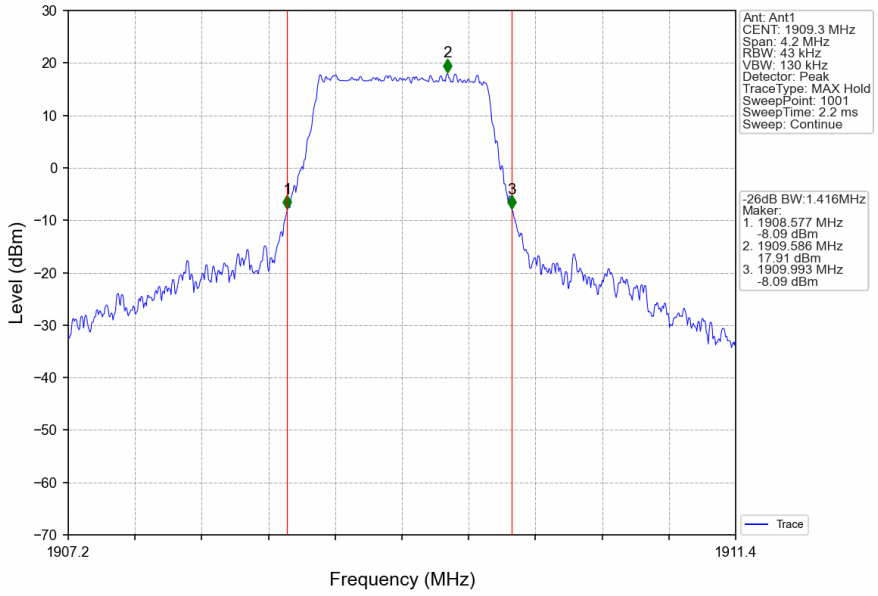
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



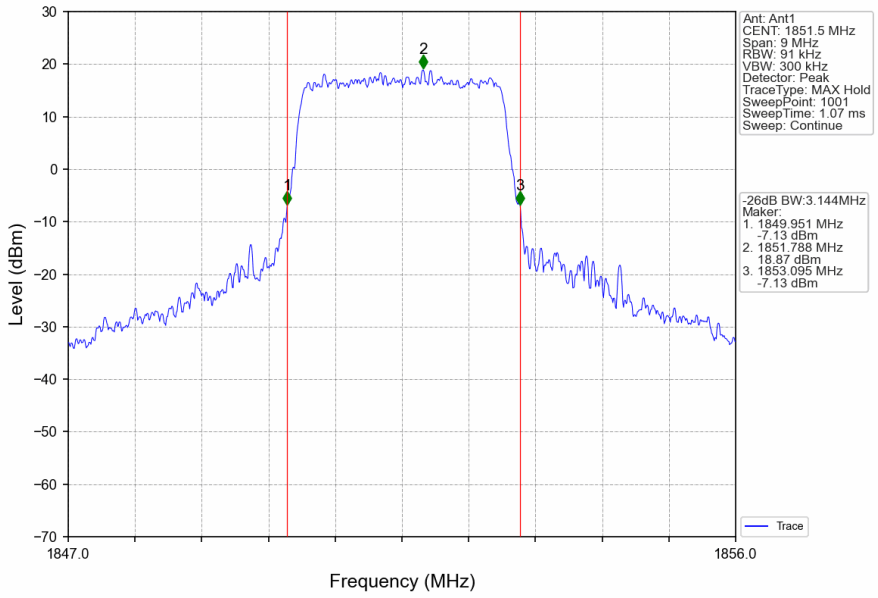
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



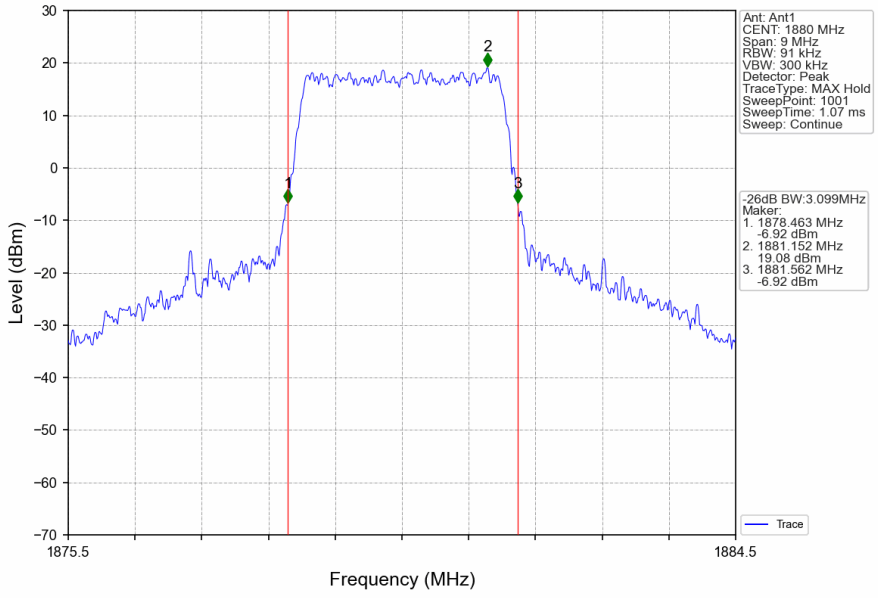
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



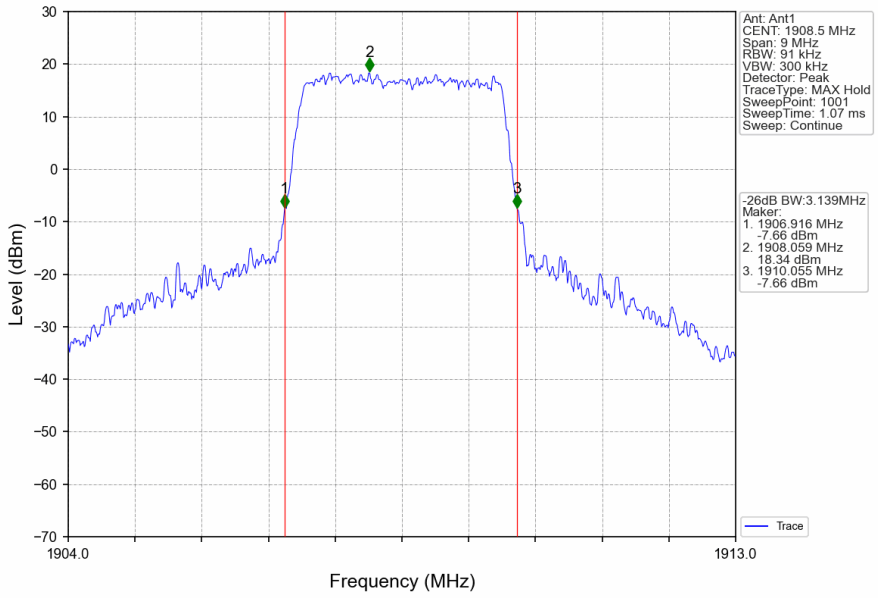
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



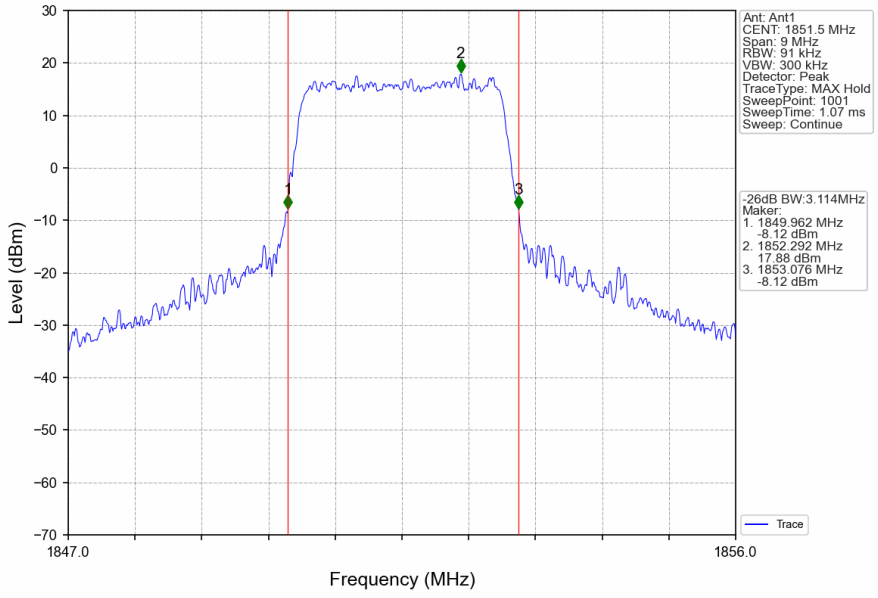
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



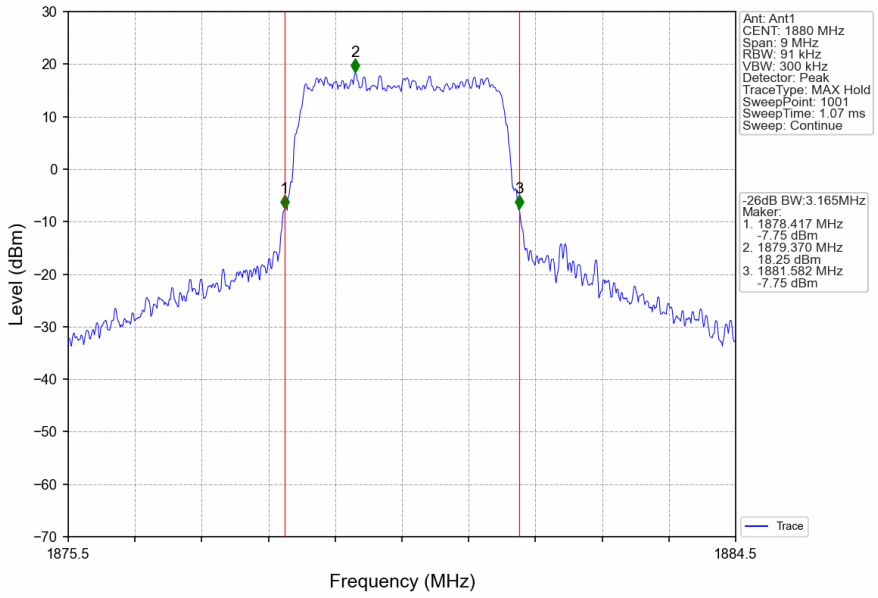
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



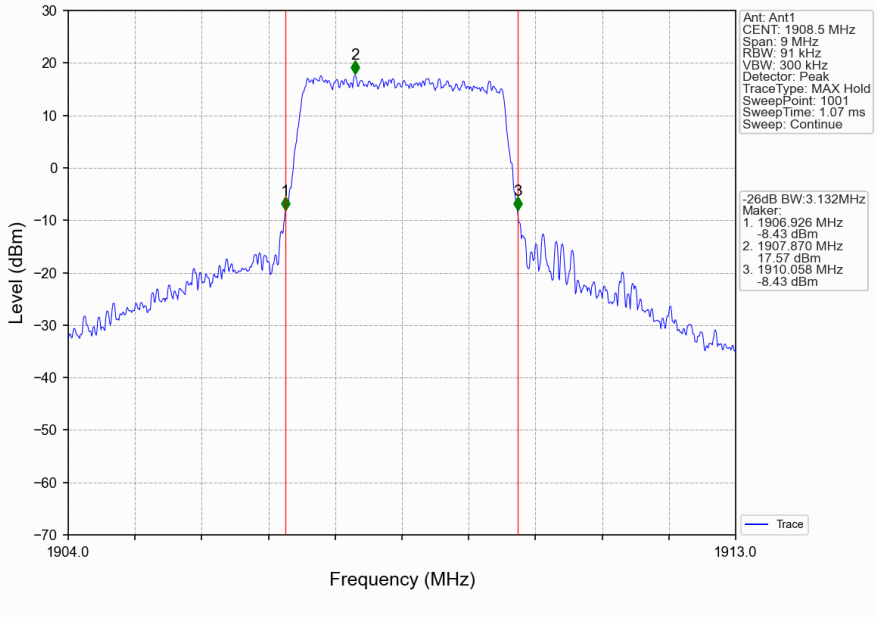
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



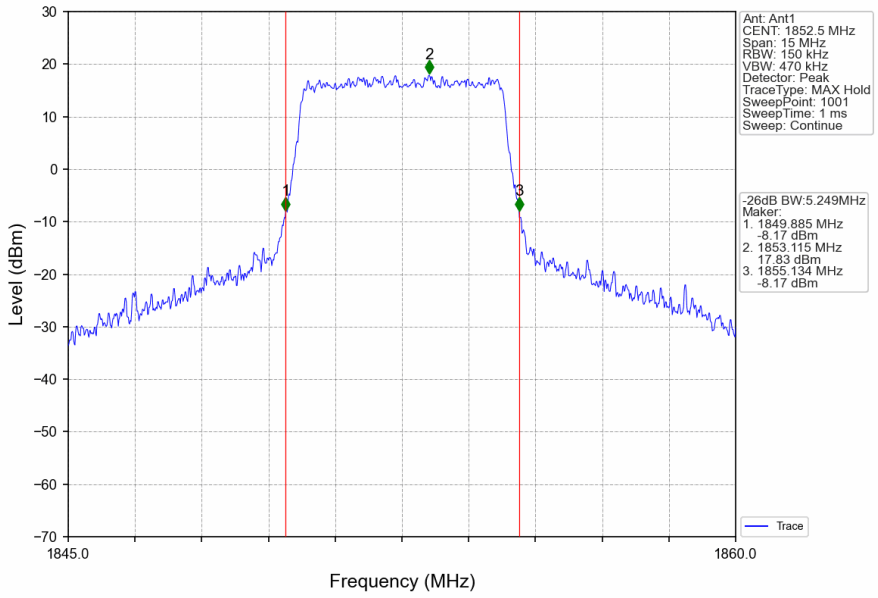
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



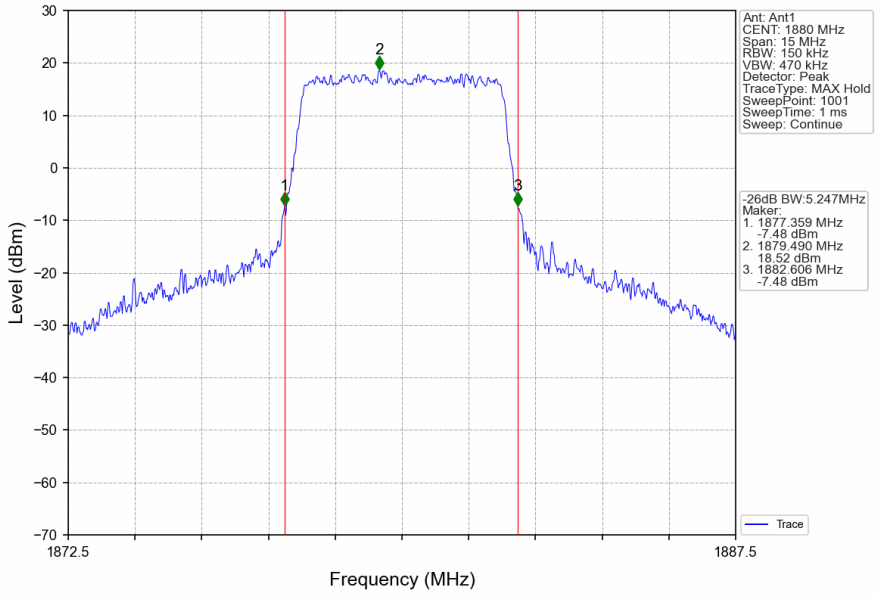
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



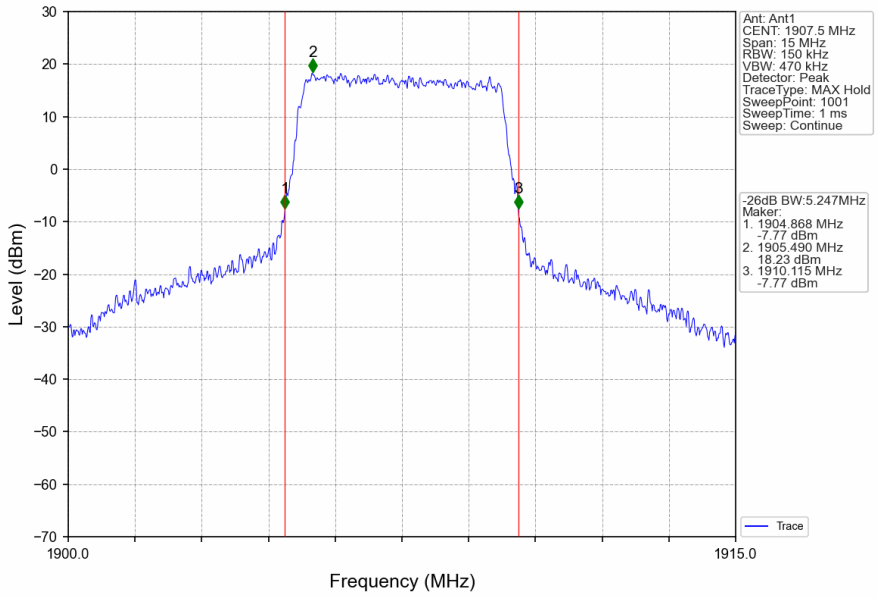
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



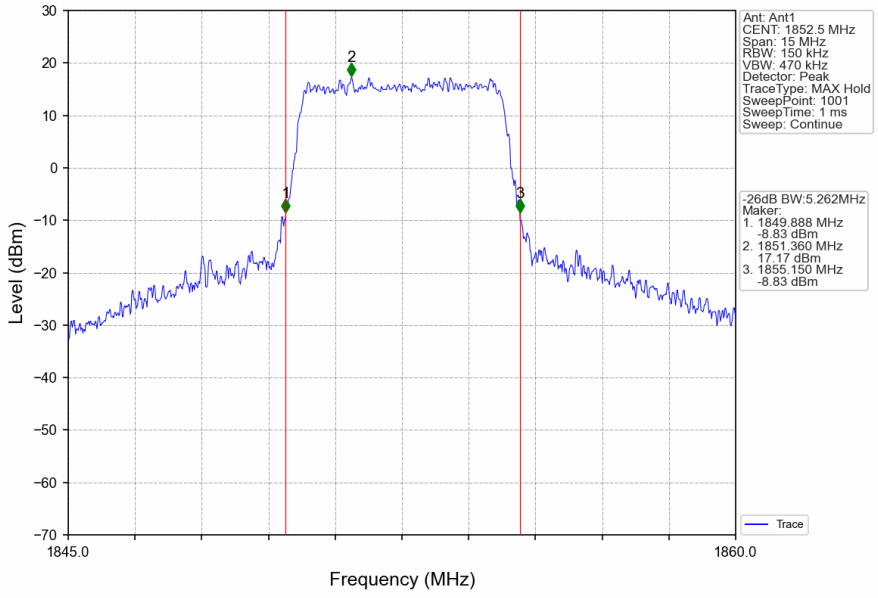
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



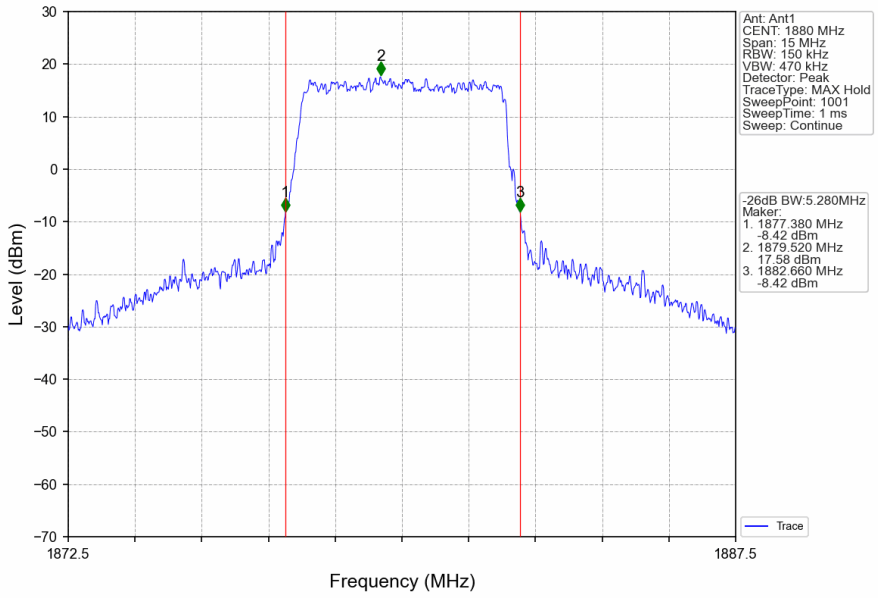
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



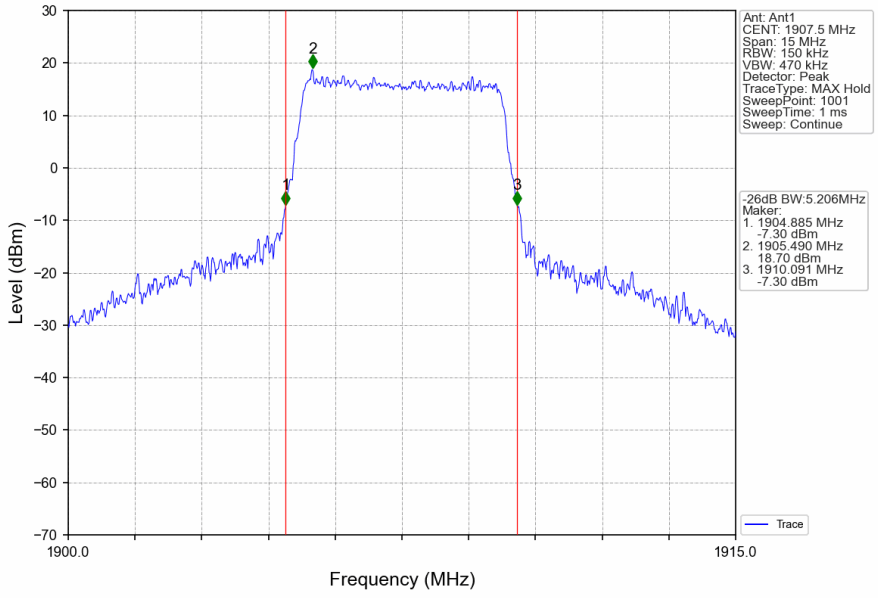
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



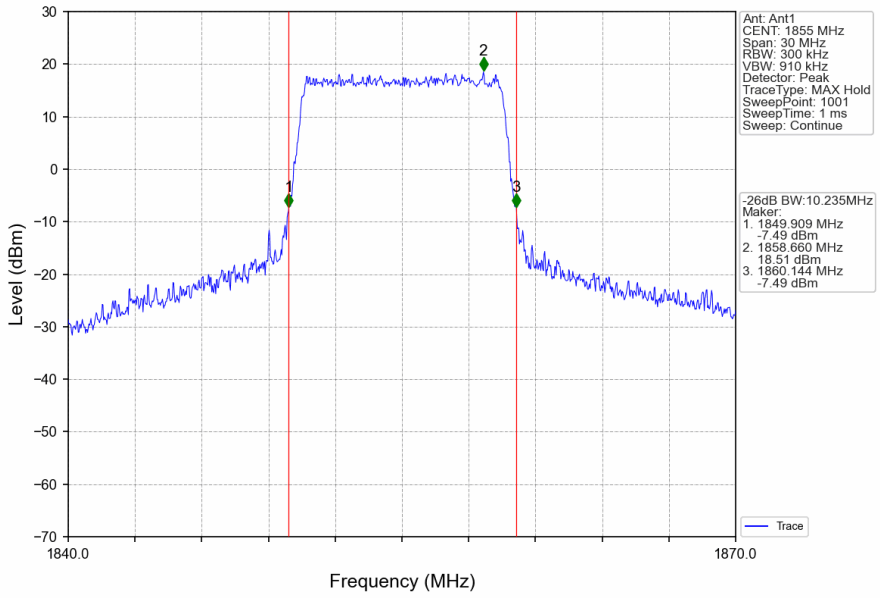
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



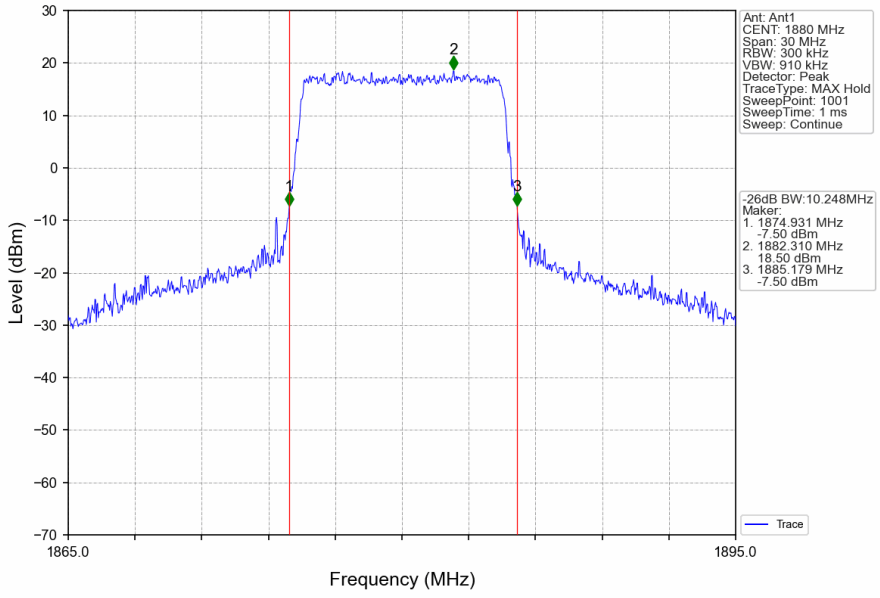
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



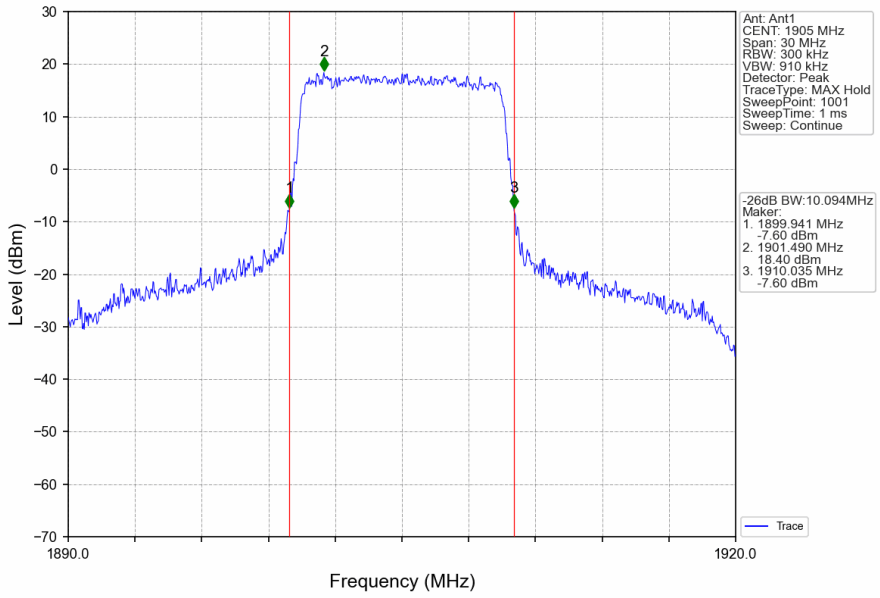
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



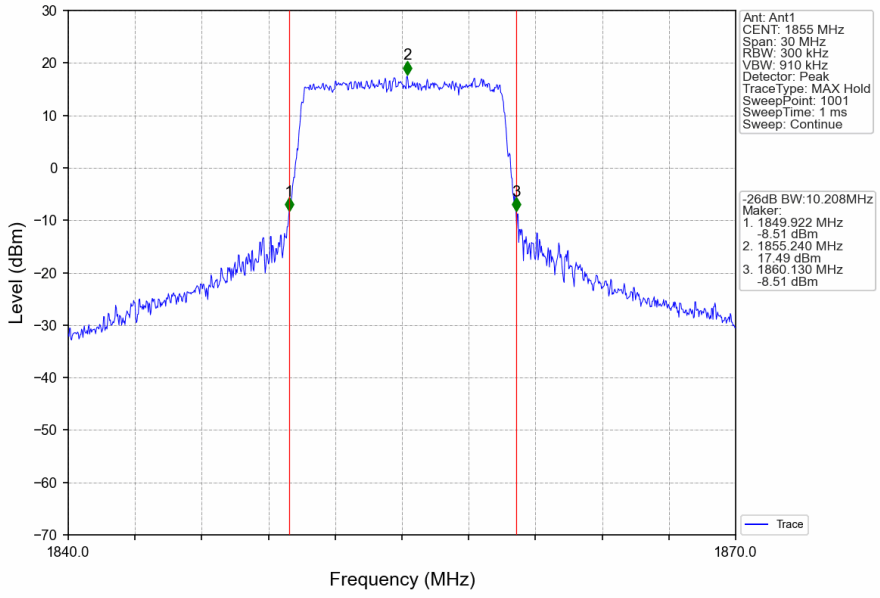
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



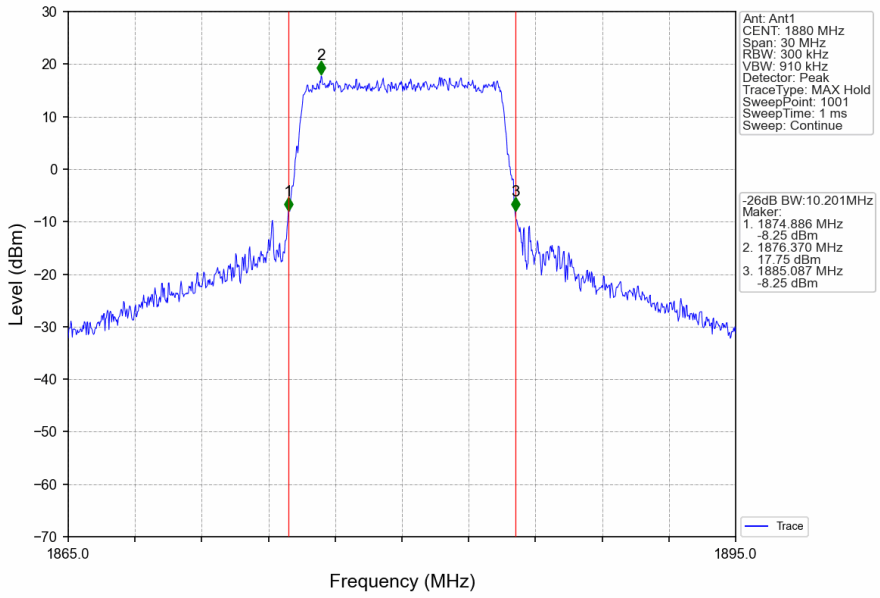
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



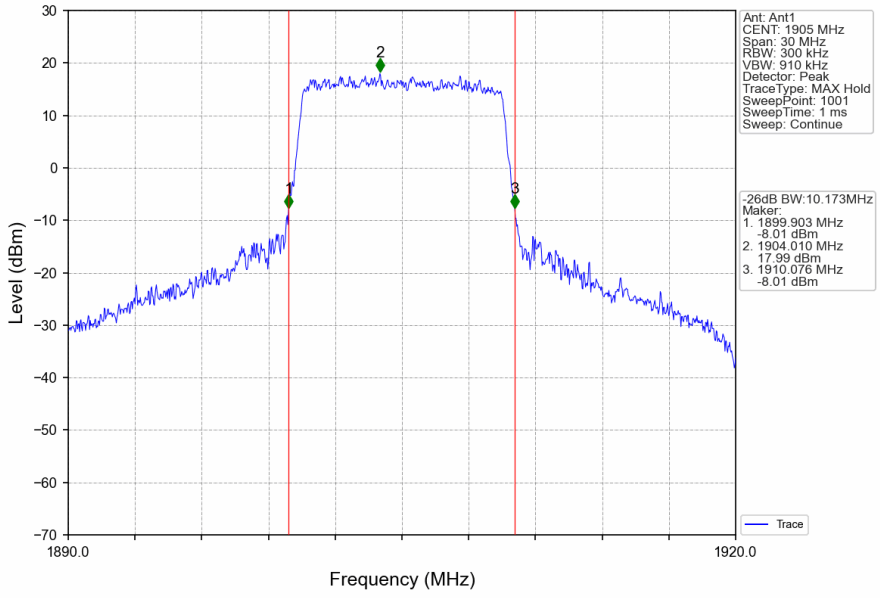
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



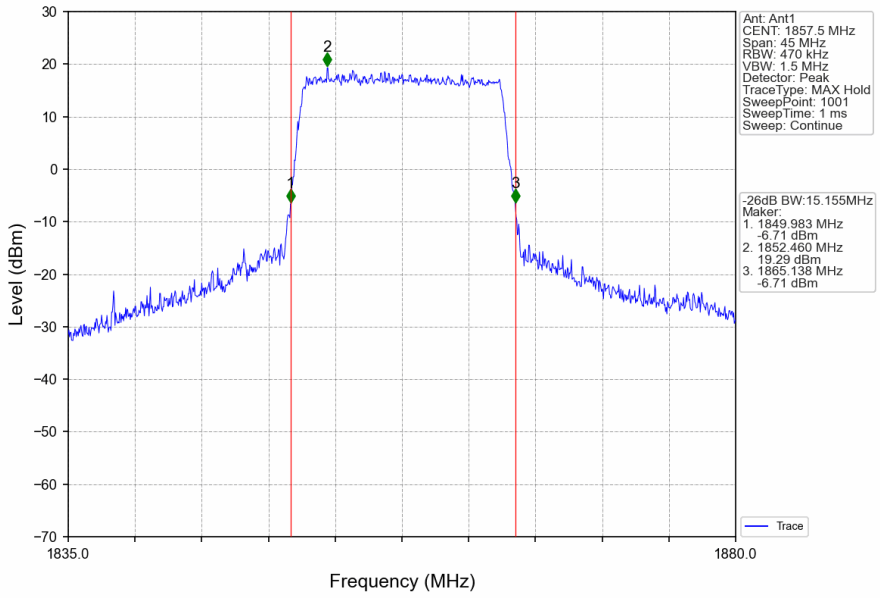
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



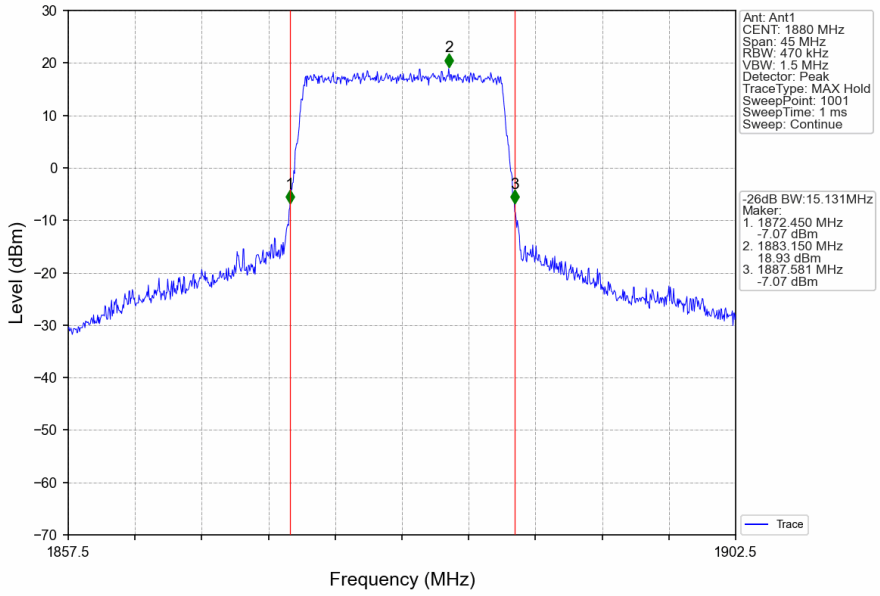
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



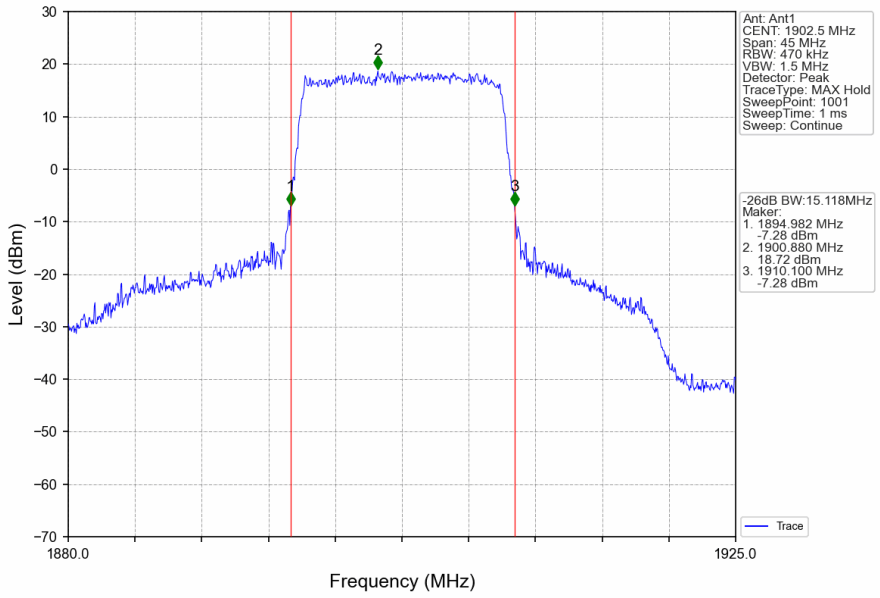
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



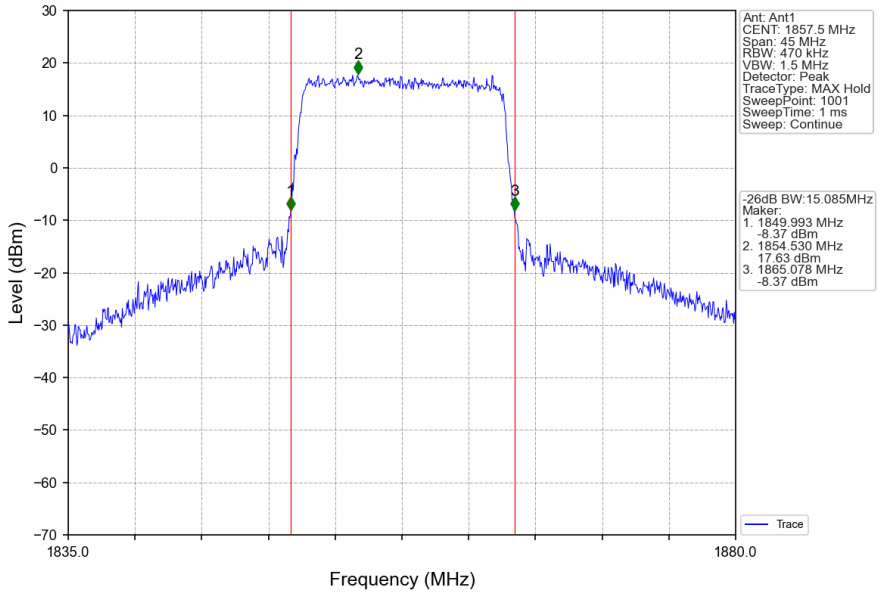
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



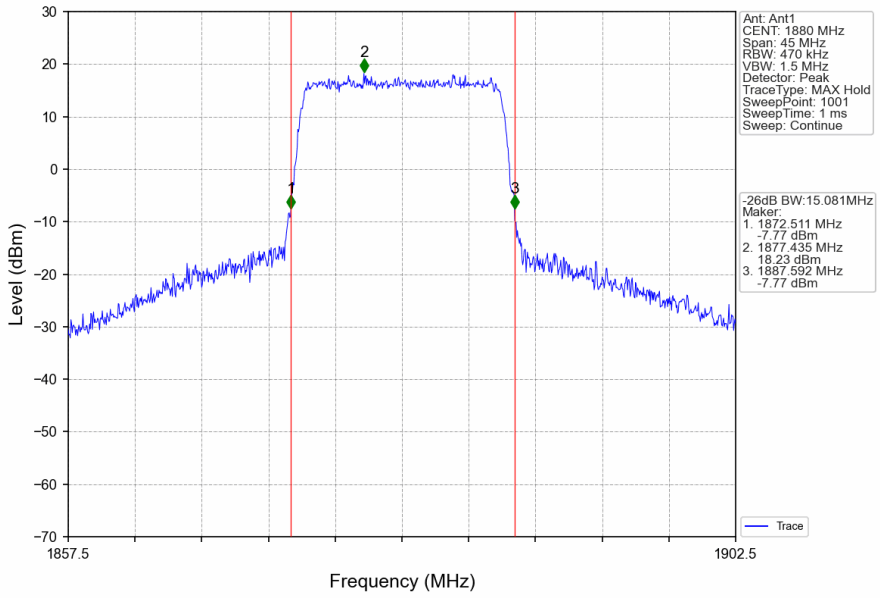
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



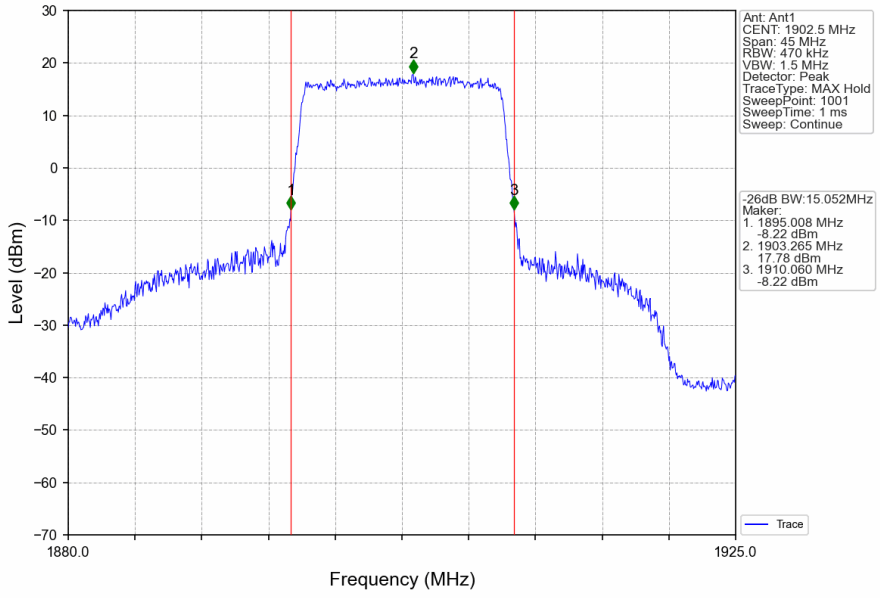
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



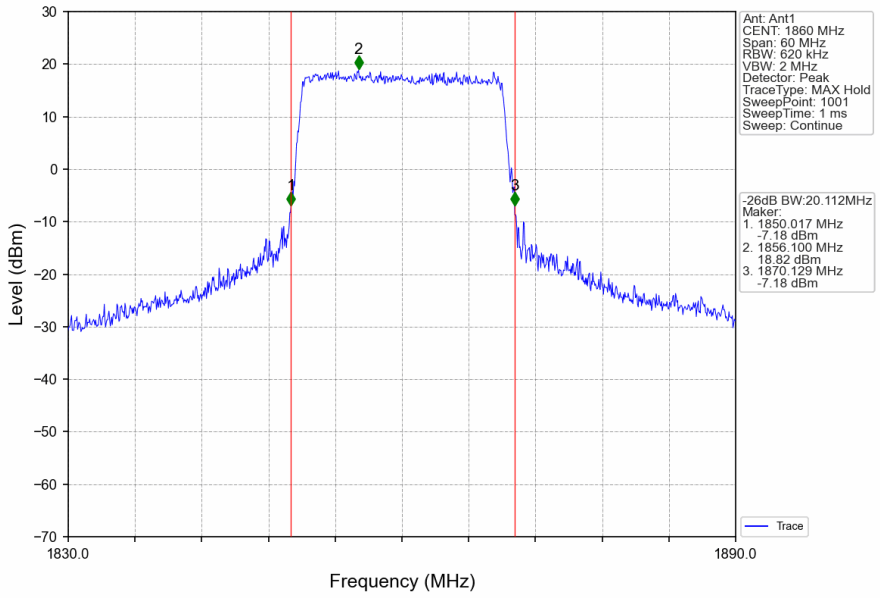
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



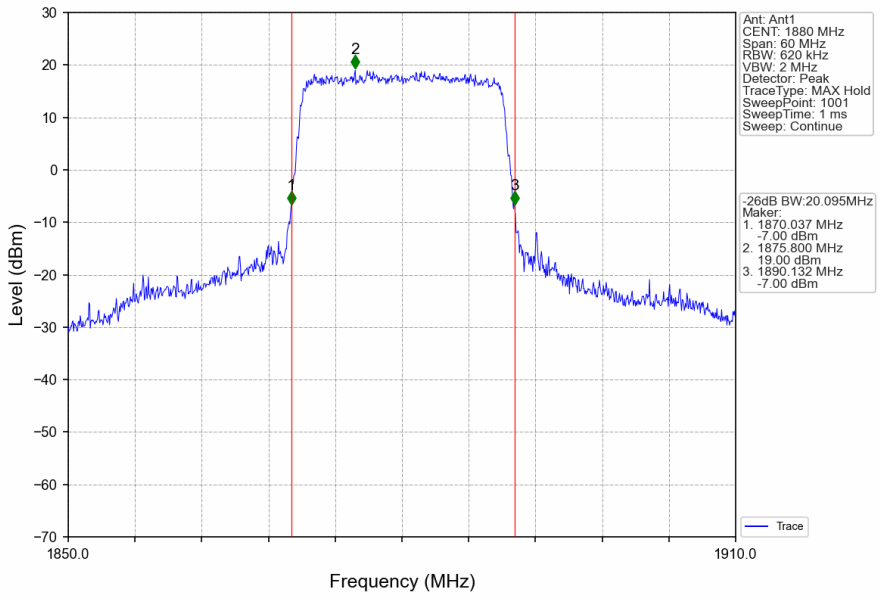
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



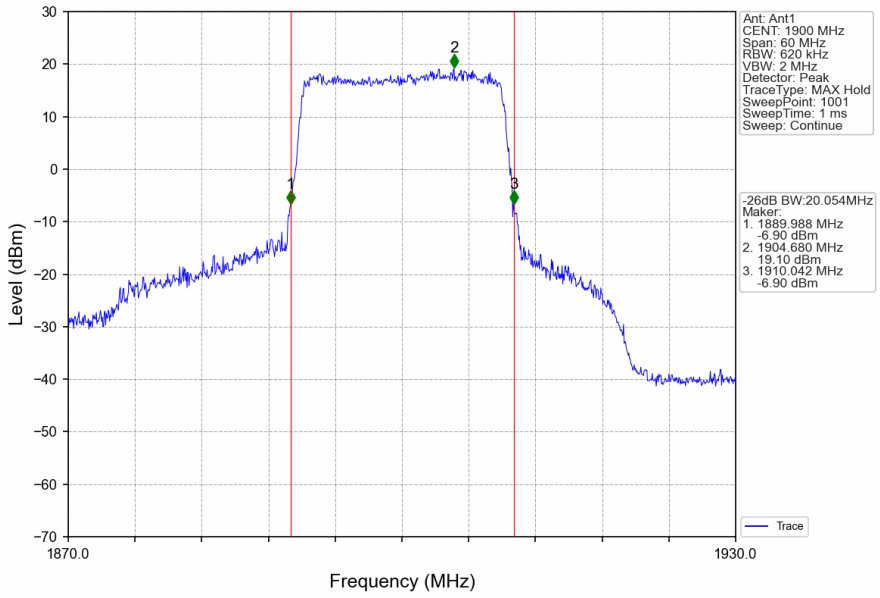
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



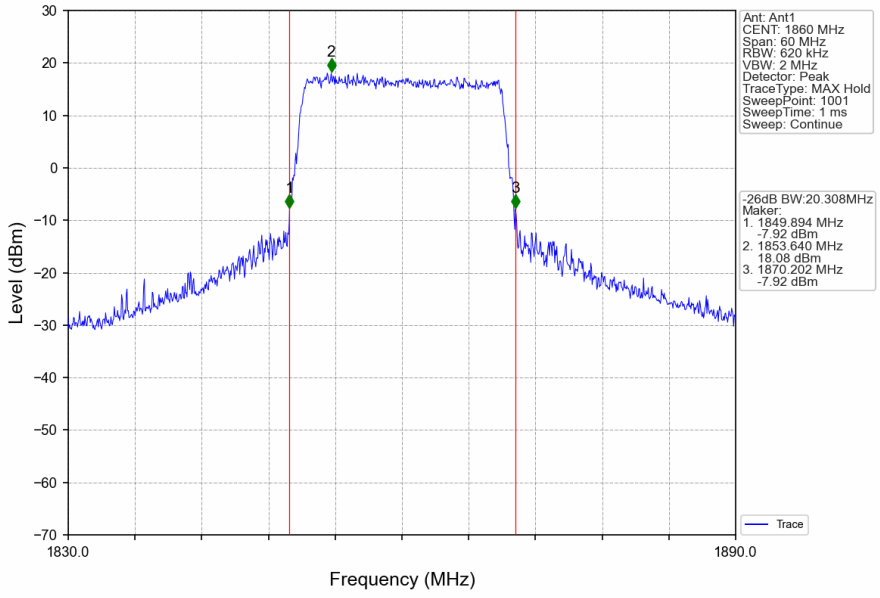
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



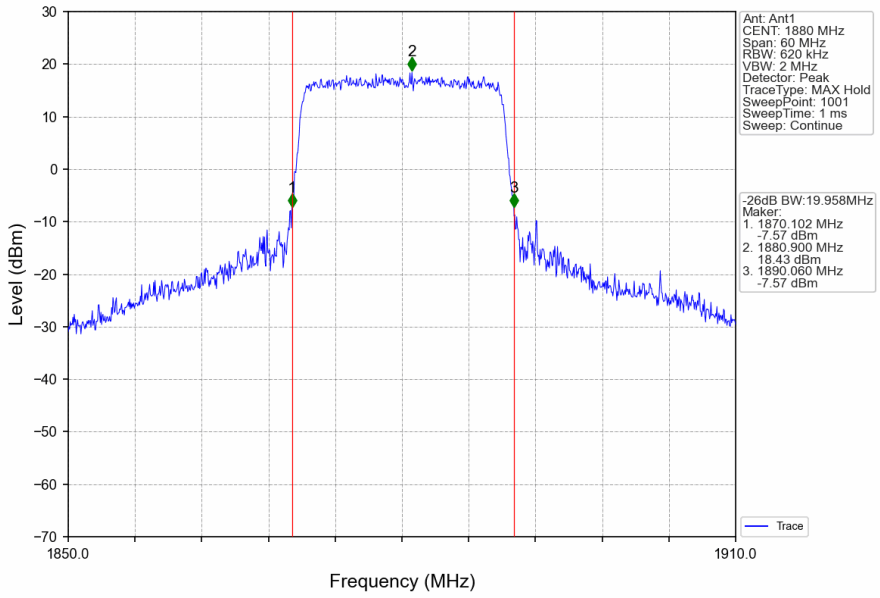
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



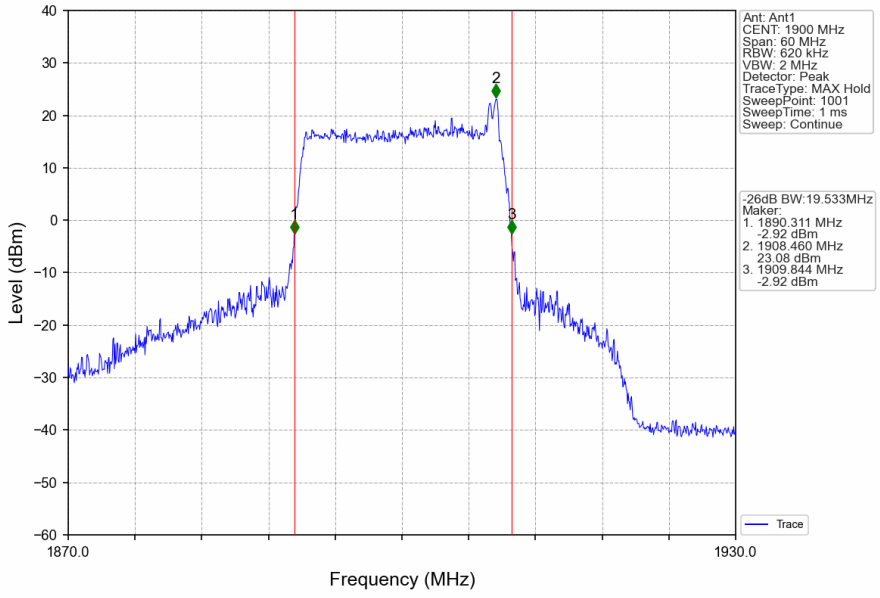
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



4. Peak-Average Ratio

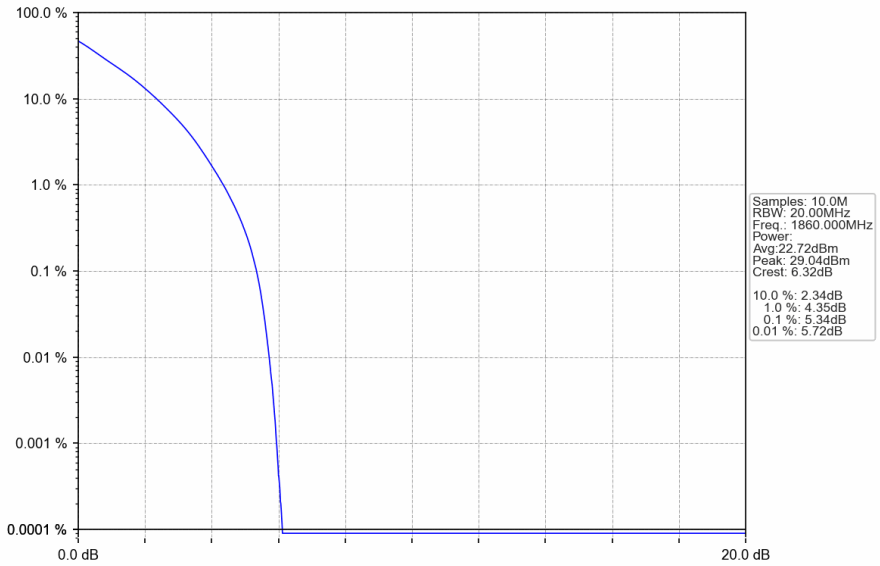
4.1 B2_20MHz

4.1.1 Test Result

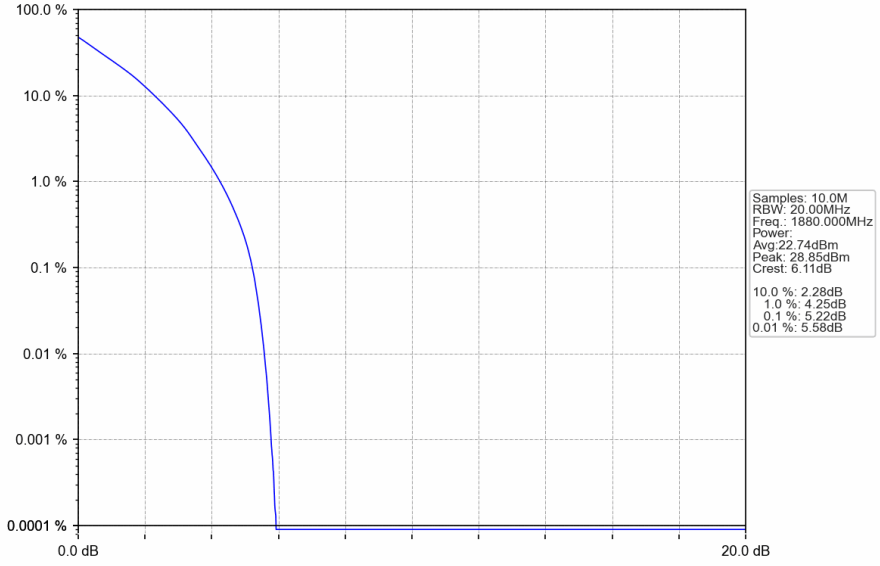
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.34	<=13	Pass
	1880	100	0	5.22	<=13	Pass
	1900	100	0	5.31	<=13	Pass
16QAM	1860	100	0	6.14	<=13	Pass
	1880	100	0	6.04	<=13	Pass
	1900	100	0	6.12	<=13	Pass

4.1.2 Test Graph

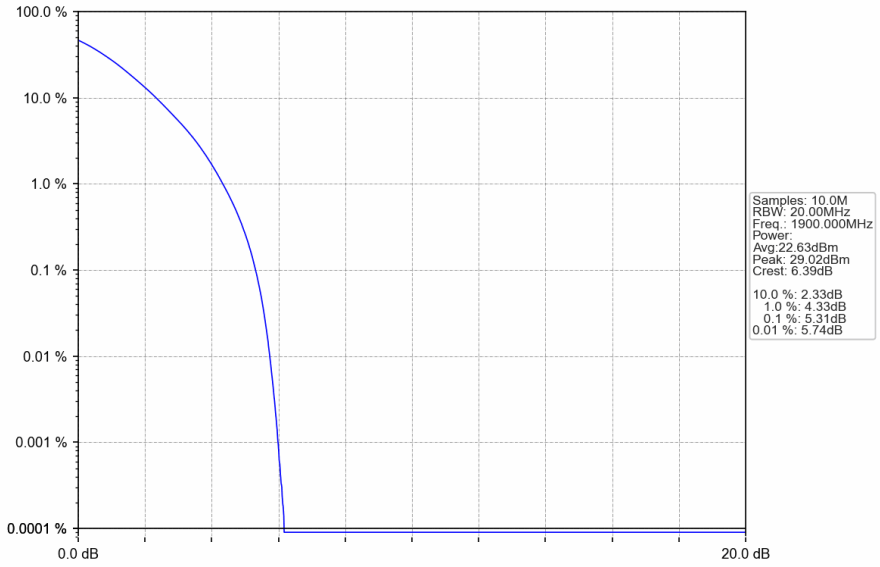
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



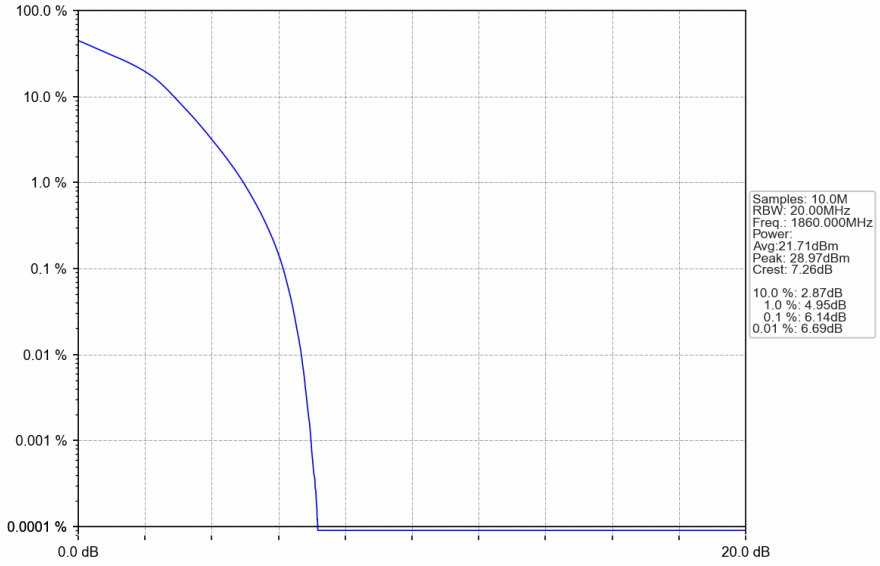
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



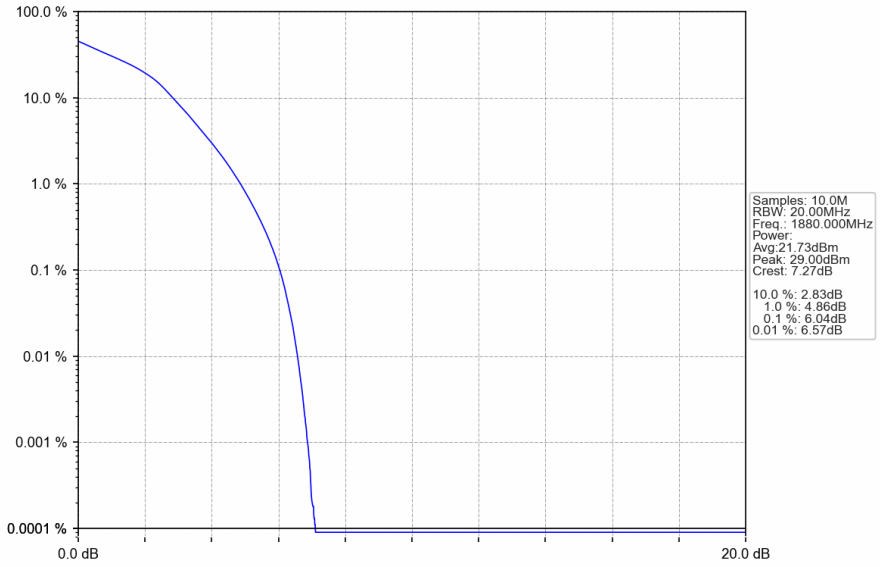
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



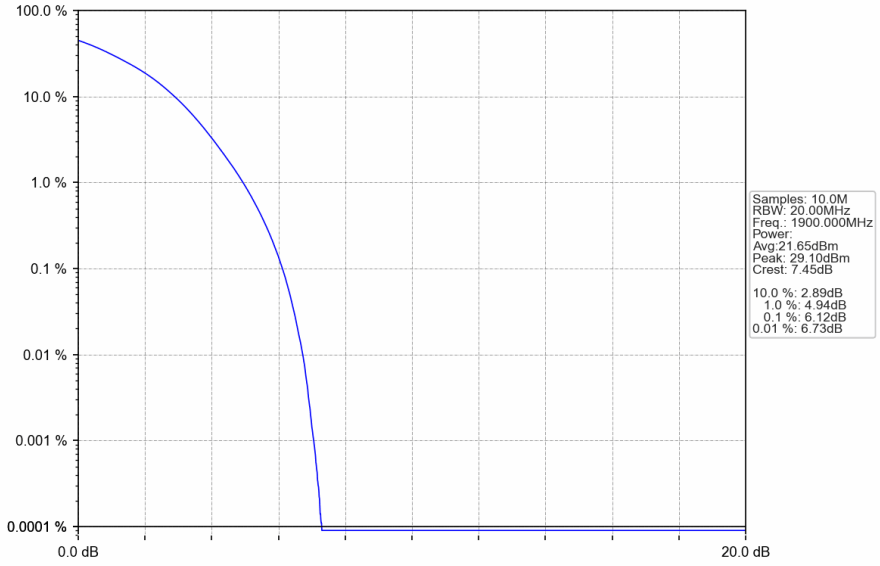
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



5. Spurious Emission

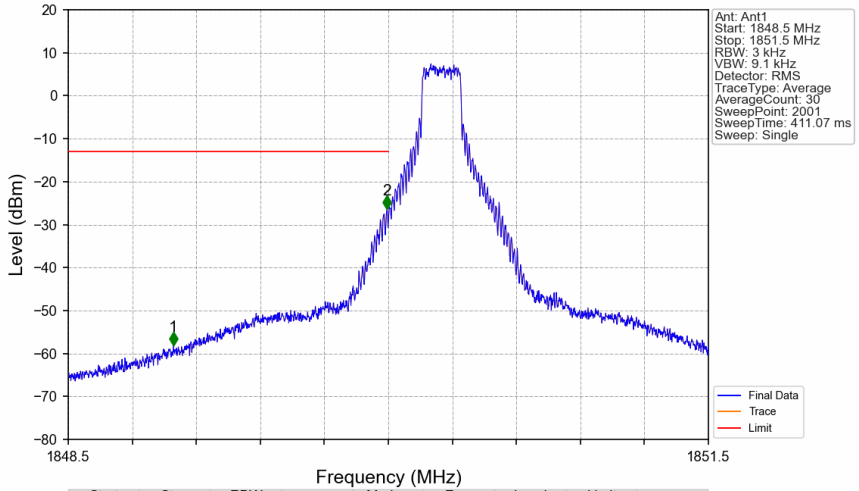
5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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

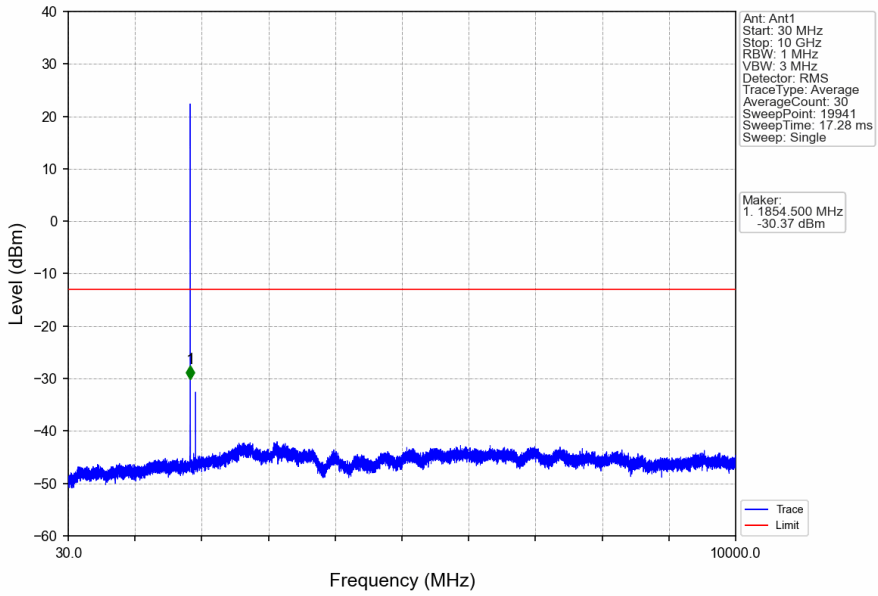
5.1.2 Test Graph

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

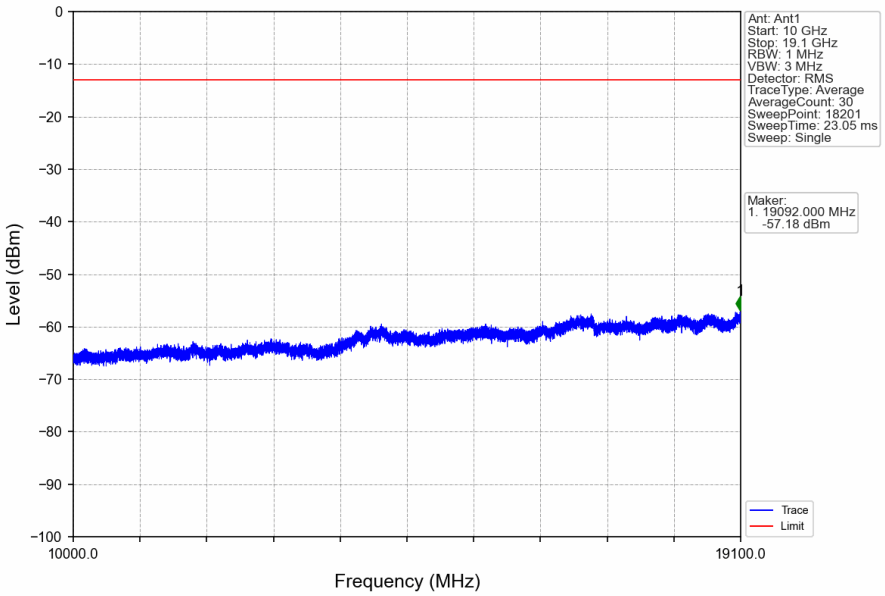


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.992	-58.15	-13	Pass
1849	1850	0.003	/	2	1849.994	-26.43	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

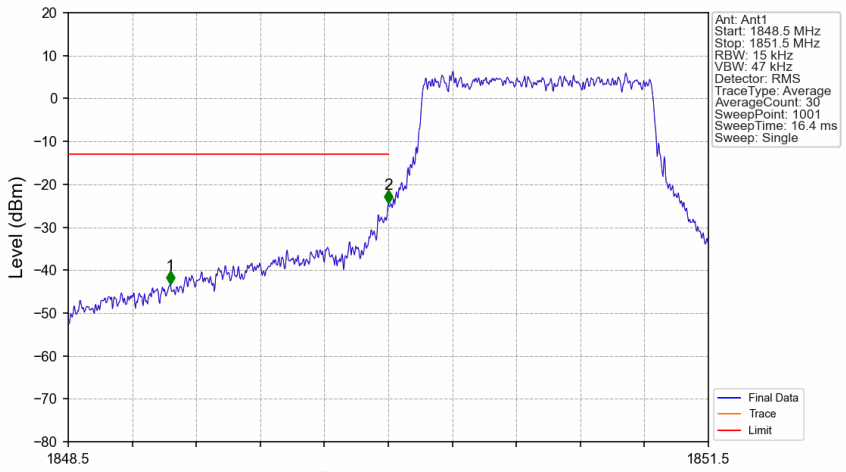
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

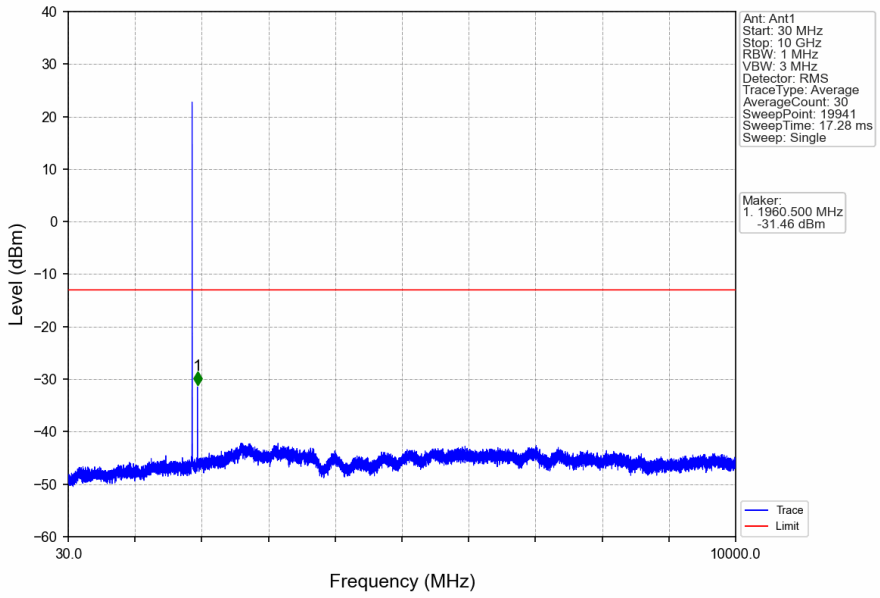


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

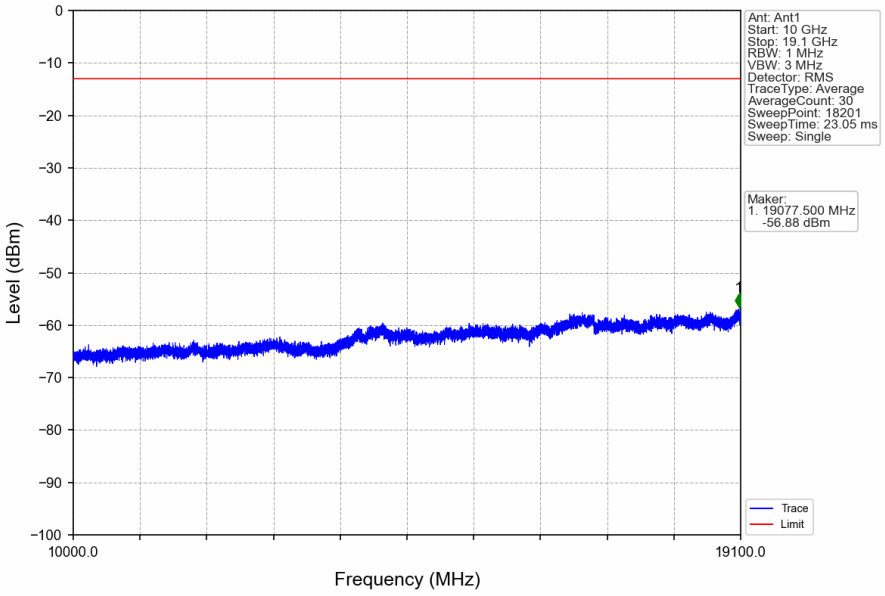


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.977	-43.35	-13	Pass
1849	1850	0.015	/	2	1850.000	-24.50	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/

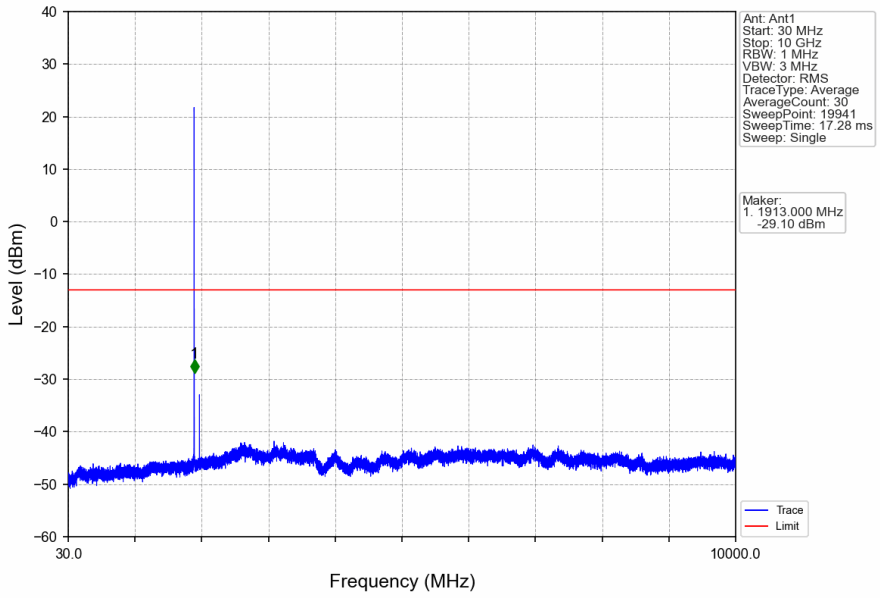
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



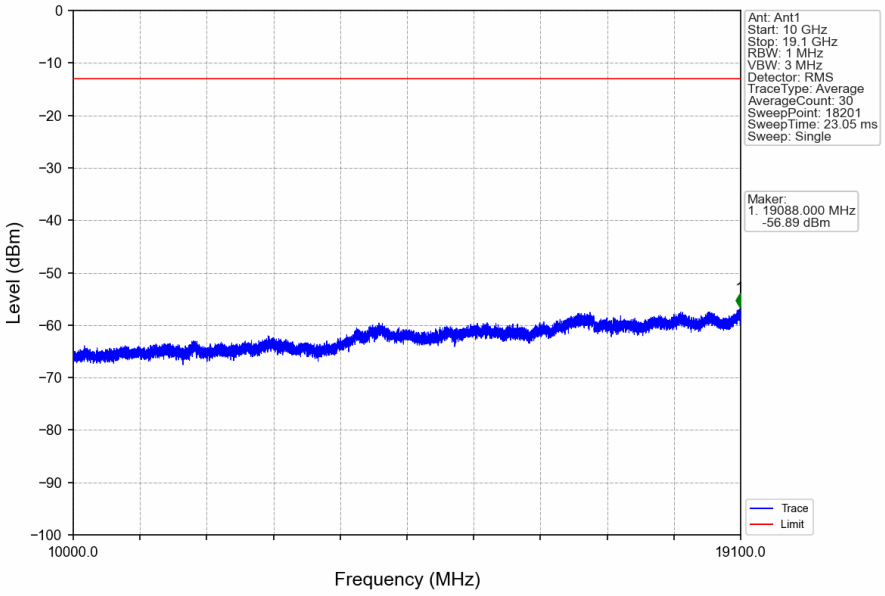
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



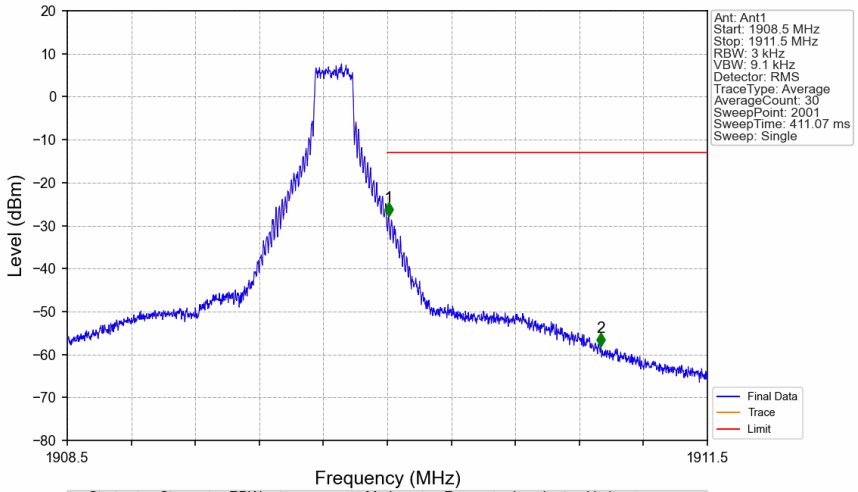
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

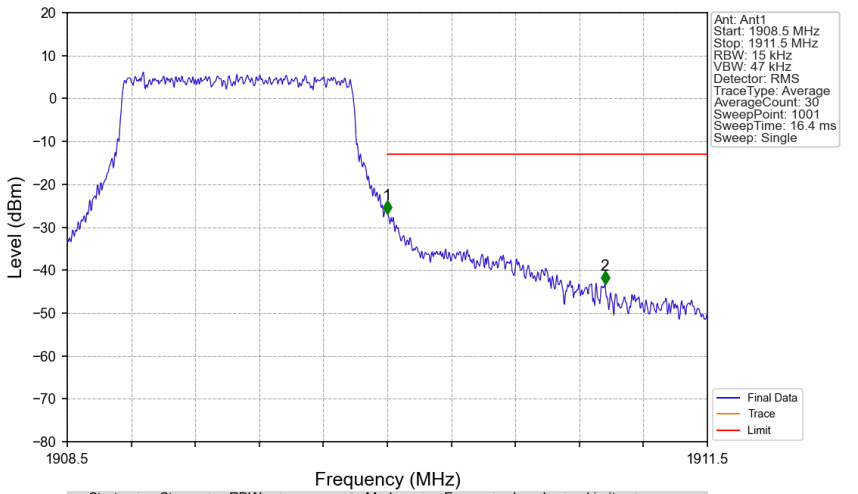


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.006	-27.81	-13	Pass
1911	1911.5	1	/	2	1911.001	-58.12	-13	Pass

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.015	/	/	/	/	/	/
1910	1911	0.015	/	1	1910.000	-26.91	-13	Pass
1911	1911.5	1	/	2	1911.020	-43.34	-13	Pass

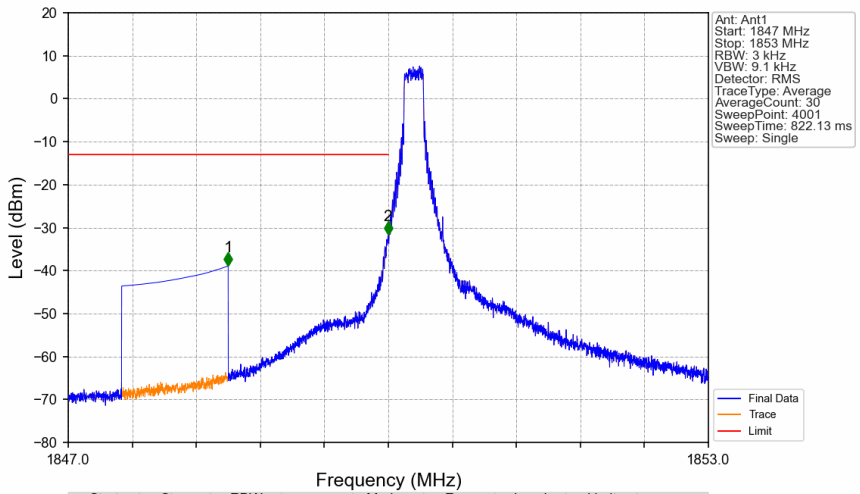
5.2 B2_3MHz

5.2.1 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

5.2.2 Test Graph

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-38.92	-13	Pass
1849	1850	0.003	/	2	1849.997	-31.68	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV