

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.05	0.64	23.69	<=33.01	Pass
			2	23.12	0.64	23.76	<=33.01	Pass
			5	23.02	0.64	23.66	<=33.01	Pass
		3	0	22.85	0.64	23.49	<=33.01	Pass
			2	23.25	0.64	23.89	<=33.01	Pass
			3	22.96	0.64	23.60	<=33.01	Pass
		6	0	22.01	0.64	22.65	<=33.01	Pass
	1880	1	0	23.15	0.64	23.79	<=33.01	Pass
			2	23.09	0.64	23.73	<=33.01	Pass
			5	23.20	0.64	23.84	<=33.01	Pass
		3	0	23.16	0.64	23.80	<=33.01	Pass
			2	23.12	0.64	23.76	<=33.01	Pass
			3	23.08	0.64	23.72	<=33.01	Pass
	6	0	22.10	0.64	22.74	<=33.01	Pass	
	1909.3	1	0	23.00	0.64	23.64	<=33.01	Pass
			2	23.05	0.64	23.69	<=33.01	Pass
			5	23.02	0.64	23.66	<=33.01	Pass
		3	0	23.37	0.64	24.01	<=33.01	Pass
			2	23.11	0.64	23.75	<=33.01	Pass
			3	23.29	0.64	23.93	<=33.01	Pass
		6	0	22.22	0.64	22.86	<=33.01	Pass
16QAM	1850.7	1	0	22.18	0.64	22.82	<=33.01	Pass
			2	22.21	0.64	22.85	<=33.01	Pass
			5	22.23	0.64	22.87	<=33.01	Pass
		3	0	22.11	0.64	22.75	<=33.01	Pass
			2	22.17	0.64	22.81	<=33.01	Pass
			3	22.14	0.64	22.78	<=33.01	Pass
		6	0	21.22	0.64	21.86	<=33.01	Pass
	1880	1	0	22.18	0.64	22.82	<=33.01	Pass
			2	22.34	0.64	22.98	<=33.01	Pass
			5	22.24	0.64	22.88	<=33.01	Pass
		3	0	22.17	0.64	22.81	<=33.01	Pass
			2	22.31	0.64	22.95	<=33.01	Pass
			3	22.28	0.64	22.92	<=33.01	Pass
	6	0	21.03	0.64	21.67	<=33.01	Pass	
	1909.3	1	0	22.80	0.64	23.44	<=33.01	Pass
			2	22.84	0.64	23.48	<=33.01	Pass
			5	22.78	0.64	23.42	<=33.01	Pass
		3	0	22.60	0.64	23.24	<=33.01	Pass
			2	22.61	0.64	23.25	<=33.01	Pass
			3	22.59	0.64	23.23	<=33.01	Pass
		6	0	21.38	0.64	22.02	<=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	23.09	0.64	23.73	<=33.01	Pass
			7	23.22	0.64	23.86	<=33.01	Pass
			14	22.93	0.64	23.57	<=33.01	Pass
		8	0	22.12	0.64	22.76	<=33.01	Pass
			4	22.12	0.64	22.76	<=33.01	Pass
			7	22.13	0.64	22.77	<=33.01	Pass
		15	0	22.10	0.64	22.74	<=33.01	Pass
	1880	1	0	23.09	0.64	23.73	<=33.01	Pass
			7	23.44	0.64	24.08	<=33.01	Pass
			14	23.09	0.64	23.73	<=33.01	Pass
		8	0	22.09	0.64	22.73	<=33.01	Pass
			4	22.12	0.64	22.76	<=33.01	Pass
			7	22.09	0.64	22.73	<=33.01	Pass
		15	0	22.17	0.64	22.81	<=33.01	Pass
	1908.5	1	0	22.96	0.64	23.60	<=33.01	Pass
			7	22.99	0.64	23.63	<=33.01	Pass
			14	23.00	0.64	23.64	<=33.01	Pass
		8	0	22.02	0.64	22.66	<=33.01	Pass
			4	22.12	0.64	22.76	<=33.01	Pass
			7	22.12	0.64	22.76	<=33.01	Pass
		15	0	22.24	0.64	22.88	<=33.01	Pass
16QAM	1851.5	1	0	22.62	0.64	23.26	<=33.01	Pass
			7	22.54	0.64	23.18	<=33.01	Pass
			14	22.46	0.64	23.10	<=33.01	Pass
		8	0	21.50	0.64	22.14	<=33.01	Pass
			4	21.17	0.64	21.81	<=33.01	Pass
			7	21.23	0.64	21.87	<=33.01	Pass
		15	0	21.08	0.64	21.72	<=33.01	Pass
	1880	1	0	22.31	0.64	22.95	<=33.01	Pass
			7	22.20	0.64	22.84	<=33.01	Pass
			14	22.42	0.64	23.06	<=33.01	Pass
		8	0	21.17	0.64	21.81	<=33.01	Pass
			4	21.16	0.64	21.80	<=33.01	Pass
			7	21.15	0.64	21.79	<=33.01	Pass
		15	0	21.06	0.64	21.70	<=33.01	Pass
	1908.5	1	0	22.38	0.64	23.02	<=33.01	Pass
			7	22.53	0.64	23.17	<=33.01	Pass
			14	22.49	0.64	23.13	<=33.01	Pass
		8	0	21.26	0.64	21.90	<=33.01	Pass
			4	21.41	0.64	22.05	<=33.01	Pass
			7	21.40	0.64	22.04	<=33.01	Pass
		15	0	21.14	0.64	21.78	<=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	22.92	0.64	23.56	<=33.01	Pass
			13	22.99	0.64	23.63	<=33.01	Pass
			24	22.93	0.64	23.57	<=33.01	Pass
		12	0	21.99	0.64	22.63	<=33.01	Pass
			6	22.23	0.64	22.87	<=33.01	Pass
			13	22.15	0.64	22.79	<=33.01	Pass
		25	0	22.12	0.64	22.76	<=33.01	Pass
	1880	1	0	22.84	0.64	23.48	<=33.01	Pass
			13	22.93	0.64	23.57	<=33.01	Pass
			24	22.98	0.64	23.62	<=33.01	Pass
		12	0	22.17	0.64	22.81	<=33.01	Pass
			6	22.22	0.64	22.86	<=33.01	Pass
			13	22.33	0.64	22.97	<=33.01	Pass
		25	0	22.20	0.64	22.84	<=33.01	Pass
	1907.5	1	0	22.70	0.64	23.34	<=33.01	Pass
			13	23.00	0.64	23.64	<=33.01	Pass
			24	23.04	0.64	23.68	<=33.01	Pass
		12	0	22.05	0.64	22.69	<=33.01	Pass
			6	22.09	0.64	22.73	<=33.01	Pass
			13	22.16	0.64	22.80	<=33.01	Pass
		25	0	22.08	0.64	22.72	<=33.01	Pass
16QAM	1852.5	1	0	21.33	0.64	21.97	<=33.01	Pass
			13	21.74	0.64	22.38	<=33.01	Pass
			24	21.56	0.64	22.20	<=33.01	Pass
		12	0	21.14	0.64	21.78	<=33.01	Pass
			6	21.20	0.64	21.84	<=33.01	Pass
			13	21.21	0.64	21.85	<=33.01	Pass
		25	0	21.03	0.64	21.67	<=33.01	Pass
	1880	1	0	22.64	0.64	23.28	<=33.01	Pass
			13	22.76	0.64	23.40	<=33.01	Pass
			24	22.64	0.64	23.28	<=33.01	Pass
		12	0	20.87	0.64	21.51	<=33.01	Pass
			6	21.08	0.64	21.72	<=33.01	Pass
			13	21.24	0.64	21.88	<=33.01	Pass
		25	0	21.23	0.64	21.87	<=33.01	Pass
	1907.5	1	0	21.95	0.64	22.59	<=33.01	Pass
			13	22.29	0.64	22.93	<=33.01	Pass
			24	22.28	0.64	22.92	<=33.01	Pass
		12	0	20.94	0.64	21.58	<=33.01	Pass
			6	21.21	0.64	21.85	<=33.01	Pass
			13	21.10	0.64	21.74	<=33.01	Pass
		25	0	21.21	0.64	21.85	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.17	0.64	23.81	<=33.01	Pass
			25	23.18	0.64	23.82	<=33.01	Pass
			49	23.08	0.64	23.72	<=33.01	Pass
		25	0	22.21	0.64	22.85	<=33.01	Pass
			13	22.21	0.64	22.85	<=33.01	Pass
			25	22.18	0.64	22.82	<=33.01	Pass
		50	0	22.16	0.64	22.80	<=33.01	Pass
	1880	1	0	23.22	0.64	23.86	<=33.01	Pass
			25	22.94	0.64	23.58	<=33.01	Pass
			49	22.96	0.64	23.60	<=33.01	Pass
		25	0	22.21	0.64	22.85	<=33.01	Pass
			13	22.26	0.64	22.90	<=33.01	Pass
			25	22.19	0.64	22.83	<=33.01	Pass
		50	0	22.20	0.64	22.84	<=33.01	Pass
	1905	1	0	22.77	0.64	23.41	<=33.01	Pass
			25	23.16	0.64	23.80	<=33.01	Pass
			49	23.23	0.64	23.87	<=33.01	Pass
		25	0	21.83	0.64	22.47	<=33.01	Pass
			13	22.02	0.64	22.66	<=33.01	Pass
			25	22.11	0.64	22.75	<=33.01	Pass
		50	0	22.00	0.64	22.64	<=33.01	Pass
16QAM	1855	1	0	22.56	0.64	23.20	<=33.01	Pass
			25	22.29	0.64	22.93	<=33.01	Pass
			49	22.60	0.64	23.24	<=33.01	Pass
		25	0	21.26	0.64	21.90	<=33.01	Pass
			13	21.27	0.64	21.91	<=33.01	Pass
			25	21.28	0.64	21.92	<=33.01	Pass
		50	0	21.03	0.64	21.67	<=33.01	Pass
	1880	1	0	22.93	0.64	23.57	<=33.01	Pass
			25	22.60	0.64	23.24	<=33.01	Pass
			49	22.47	0.64	23.11	<=33.01	Pass
		25	0	21.12	0.64	21.76	<=33.01	Pass
			13	21.35	0.64	21.99	<=33.01	Pass
			25	21.26	0.64	21.90	<=33.01	Pass
		50	0	21.20	0.64	21.84	<=33.01	Pass
	1905	1	0	21.75	0.64	22.39	<=33.01	Pass
			25	21.94	0.64	22.58	<=33.01	Pass
			49	22.32	0.64	22.96	<=33.01	Pass
		25	0	20.78	0.64	21.42	<=33.01	Pass
			13	21.14	0.64	21.78	<=33.01	Pass
			25	21.23	0.64	21.87	<=33.01	Pass
		50	0	20.90	0.64	21.54	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.12	0.64	23.76	<=33.01	Pass
			38	23.18	0.64	23.82	<=33.01	Pass
			74	23.15	0.64	23.79	<=33.01	Pass
		36	0	22.21	0.64	22.85	<=33.01	Pass
			18	22.18	0.64	22.82	<=33.01	Pass
			39	22.20	0.64	22.84	<=33.01	Pass
		75	0	22.22	0.64	22.86	<=33.01	Pass
	1880	1	0	22.85	0.64	23.49	<=33.01	Pass
			38	23.20	0.64	23.84	<=33.01	Pass
			74	23.03	0.64	23.67	<=33.01	Pass
		36	0	22.28	0.64	22.92	<=33.01	Pass
			18	22.27	0.64	22.91	<=33.01	Pass
			39	22.24	0.64	22.88	<=33.01	Pass
	75	0	22.21	0.64	22.85	<=33.01	Pass	
	1902.5	1	0	22.65	0.64	23.29	<=33.01	Pass
			38	22.69	0.64	23.33	<=33.01	Pass
			74	23.07	0.64	23.71	<=33.01	Pass
		36	0	21.74	0.64	22.38	<=33.01	Pass
			18	21.84	0.64	22.48	<=33.01	Pass
			39	21.90	0.64	22.54	<=33.01	Pass
		75	0	21.80	0.64	22.44	<=33.01	Pass
16QAM	1857.5	1	0	22.61	0.64	23.25	<=33.01	Pass
			38	22.71	0.64	23.35	<=33.01	Pass
			74	22.38	0.64	23.02	<=33.01	Pass
		36	0	21.29	0.64	21.93	<=33.01	Pass
			18	21.26	0.64	21.90	<=33.01	Pass
			39	21.12	0.64	21.76	<=33.01	Pass
		75	0	21.32	0.64	21.96	<=33.01	Pass
	1880	1	0	22.48	0.64	23.12	<=33.01	Pass
			38	22.64	0.64	23.28	<=33.01	Pass
			74	22.59	0.64	23.23	<=33.01	Pass
		36	0	20.99	0.64	21.63	<=33.01	Pass
			18	21.30	0.64	21.94	<=33.01	Pass
			39	21.15	0.64	21.79	<=33.01	Pass
	75	0	21.18	0.64	21.82	<=33.01	Pass	
	1902.5	1	0	22.43	0.64	23.07	<=33.01	Pass
			38	22.28	0.64	22.92	<=33.01	Pass
			74	22.49	0.64	23.13	<=33.01	Pass
		36	0	20.69	0.64	21.33	<=33.01	Pass
			18	20.83	0.64	21.47	<=33.01	Pass
			39	20.90	0.64	21.54	<=33.01	Pass
		75	0	20.76	0.64	21.40	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.92	0.64	23.56	<=33.01	Pass
			50	23.37	0.64	24.01	<=33.01	Pass
			99	23.06	0.64	23.70	<=33.01	Pass
		50	0	22.16	0.64	22.80	<=33.01	Pass
			25	22.17	0.64	22.81	<=33.01	Pass
			50	22.24	0.64	22.88	<=33.01	Pass
		100	0	22.24	0.64	22.88	<=33.01	Pass
	1880	1	0	22.83	0.64	23.47	<=33.01	Pass
			50	23.39	0.64	24.03	<=33.01	Pass
			99	23.22	0.64	23.86	<=33.01	Pass
		50	0	22.27	0.64	22.91	<=33.01	Pass
			25	22.25	0.64	22.89	<=33.01	Pass
			50	22.13	0.64	22.77	<=33.01	Pass
		100	0	22.22	0.64	22.86	<=33.01	Pass
	1900	1	0	22.80	0.64	23.44	<=33.01	Pass
			50	22.48	0.64	23.12	<=33.01	Pass
			99	22.85	0.64	23.49	<=33.01	Pass
		50	0	21.92	0.64	22.56	<=33.01	Pass
			25	21.85	0.64	22.49	<=33.01	Pass
			50	21.96	0.64	22.60	<=33.01	Pass
		100	0	21.87	0.64	22.51	<=33.01	Pass
16QAM	1860	1	0	22.47	0.64	23.11	<=33.01	Pass
			50	22.09	0.64	22.73	<=33.01	Pass
			99	22.64	0.64	23.28	<=33.01	Pass
		50	0	21.13	0.64	21.77	<=33.01	Pass
			25	21.29	0.64	21.93	<=33.01	Pass
			50	21.22	0.64	21.86	<=33.01	Pass
		100	0	21.25	0.64	21.89	<=33.01	Pass
	1880	1	0	22.35	0.64	22.99	<=33.01	Pass
			50	22.24	0.64	22.88	<=33.01	Pass
			99	22.06	0.64	22.70	<=33.01	Pass
		50	0	21.21	0.64	21.85	<=33.01	Pass
			25	21.26	0.64	21.90	<=33.01	Pass
			50	21.20	0.64	21.84	<=33.01	Pass
		100	0	21.23	0.64	21.87	<=33.01	Pass
	1900	1	0	22.70	0.64	23.34	<=33.01	Pass
			50	22.56	0.64	23.20	<=33.01	Pass
			99	22.67	0.64	23.31	<=33.01	Pass
		50	0	20.81	0.64	21.45	<=33.01	Pass
			25	20.76	0.64	21.40	<=33.01	Pass
			50	20.90	0.64	21.54	<=33.01	Pass
		100	0	20.99	0.64	21.63	<=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	3.60	2.168	0.0012	-2.5 to 2.5	Pass
					3.80	1.622	0.0009	-2.5 to 2.5	Pass
					4.35	0.949	0.0005	-2.5 to 2.5	Pass
				-30	3.80	1.389	0.0007	-2.5 to 2.5	Pass
				-20	3.80	0.637	0.0003	-2.5 to 2.5	Pass
				-10	3.80	1.673	0.0009	-2.5 to 2.5	Pass
				0	3.80	0.366	0.0002	-2.5 to 2.5	Pass
				10	3.80	2.071	0.0011	-2.5 to 2.5	Pass
				30	3.80	2.141	0.0012	-2.5 to 2.5	Pass
				40	3.80	2.552	0.0014	-2.5 to 2.5	Pass
				50	3.80	1.565	0.0008	-2.5 to 2.5	Pass
	1880	100	0	20	3.60	-2.949	-0.0016	-2.5 to 2.5	Pass
					3.80	-3.325	-0.0018	-2.5 to 2.5	Pass
					4.35	-3.262	-0.0017	-2.5 to 2.5	Pass
				-30	3.80	-2.496	-0.0013	-2.5 to 2.5	Pass
				-20	3.80	-1.670	-0.0009	-2.5 to 2.5	Pass
				-10	3.80	-2.065	-0.0011	-2.5 to 2.5	Pass
				0	3.80	-2.446	-0.0013	-2.5 to 2.5	Pass
				10	3.80	-3.056	-0.0016	-2.5 to 2.5	Pass
				30	3.80	-1.010	-0.0005	-2.5 to 2.5	Pass
				40	3.80	-1.264	-0.0007	-2.5 to 2.5	Pass
				50	3.80	-3.299	-0.0018	-2.5 to 2.5	Pass
	1900	100	0	20	3.60	-2.226	-0.0012	-2.5 to 2.5	Pass
					3.80	-2.993	-0.0016	-2.5 to 2.5	Pass
					4.35	-3.322	-0.0017	-2.5 to 2.5	Pass
				-30	3.80	-3.246	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	-3.369	-0.0018	-2.5 to 2.5	Pass
				-10	3.80	-3.161	-0.0017	-2.5 to 2.5	Pass
				0	3.80	-3.869	-0.0020	-2.5 to 2.5	Pass
				10	3.80	-3.395	-0.0018	-2.5 to 2.5	Pass
				30	3.80	-2.316	-0.0012	-2.5 to 2.5	Pass
				40	3.80	-2.494	-0.0013	-2.5 to 2.5	Pass
				50	3.80	-3.649	-0.0019	-2.5 to 2.5	Pass

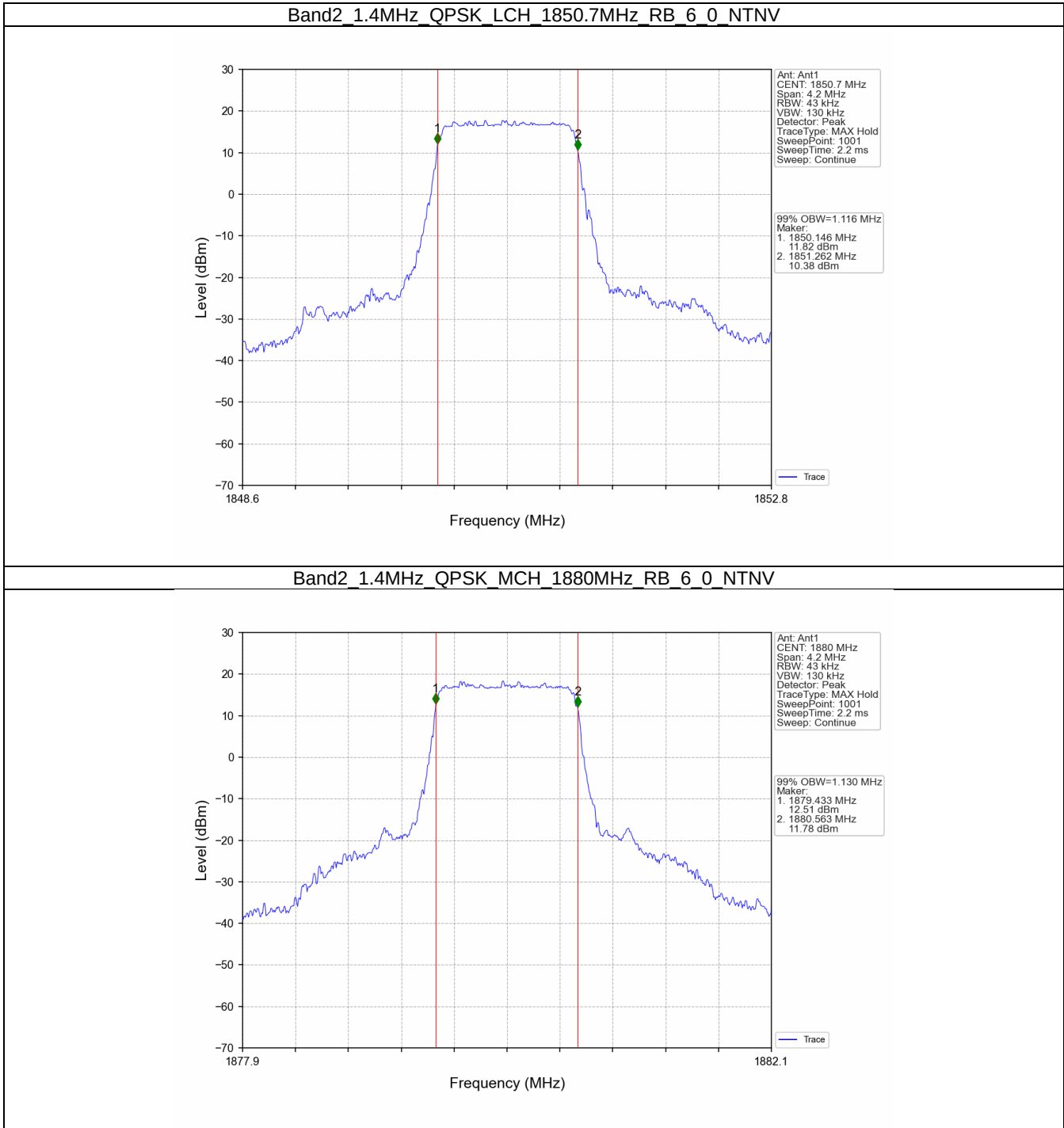
3. 99% & 26dB Bandwidth

3.1 Band2_OBW

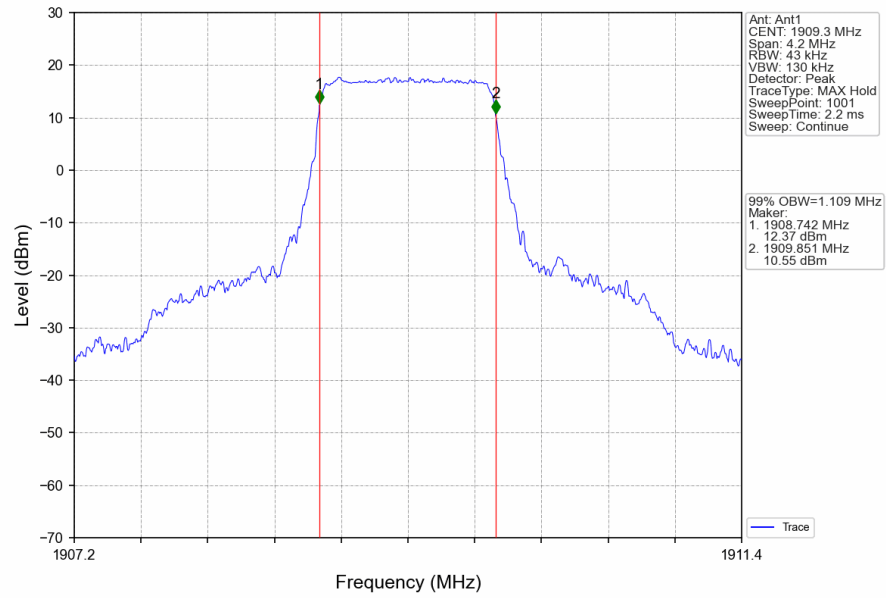
3.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.116	/	Pass
		1880	6	0	1.130	/	Pass
		1909.3	6	0	1.109	/	Pass
	16QAM	1850.7	6	0	1.107	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.121	/	Pass
3	QPSK	1851.5	15	0	2.739	/	Pass
		1880	15	0	2.733	/	Pass
		1908.5	15	0	2.744	/	Pass
	16QAM	1851.5	15	0	2.735	/	Pass
		1880	15	0	2.734	/	Pass
		1908.5	15	0	2.756	/	Pass
5	QPSK	1852.5	25	0	4.559	/	Pass
		1880	25	0	4.537	/	Pass
		1907.5	25	0	4.547	/	Pass
	16QAM	1852.5	25	0	4.530	/	Pass
		1880	25	0	4.556	/	Pass
		1907.5	25	0	4.537	/	Pass
10	QPSK	1855	50	0	9.021	/	Pass
		1880	50	0	9.023	/	Pass
		1905	50	0	9.027	/	Pass
	16QAM	1855	50	0	9.016	/	Pass
		1880	50	0	9.010	/	Pass
		1905	50	0	9.015	/	Pass
15	QPSK	1857.5	75	0	13.515	/	Pass
		1880	75	0	13.496	/	Pass
		1902.5	75	0	13.538	/	Pass
	16QAM	1857.5	75	0	13.491	/	Pass
		1880	75	0	13.540	/	Pass
		1902.5	75	0	13.524	/	Pass
20	QPSK	1860	100	0	17.993	/	Pass
		1880	100	0	17.976	/	Pass
		1900	100	0	18.045	/	Pass
	16QAM	1860	100	0	17.994	/	Pass
		1880	100	0	17.968	/	Pass
		1900	100	0	18.030	/	Pass

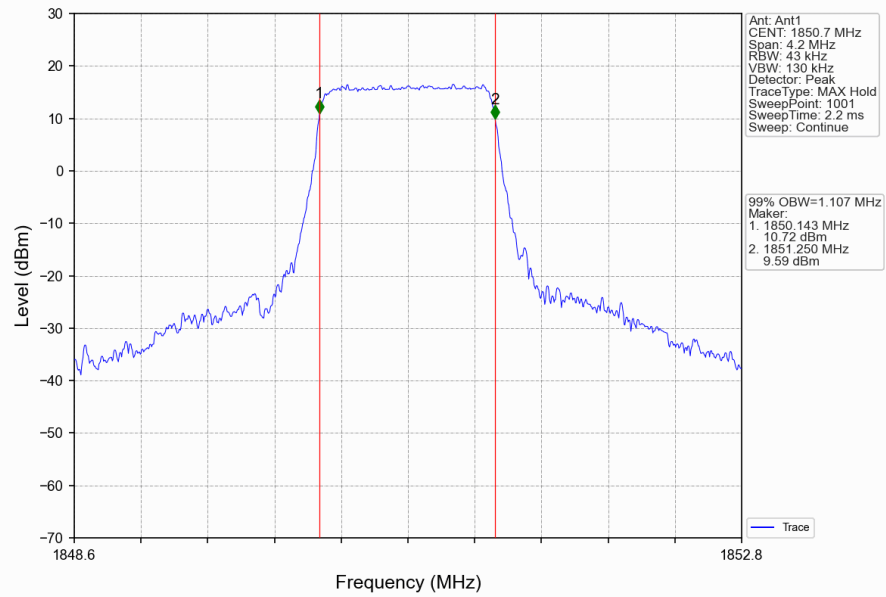
3.1.2 Test Graph



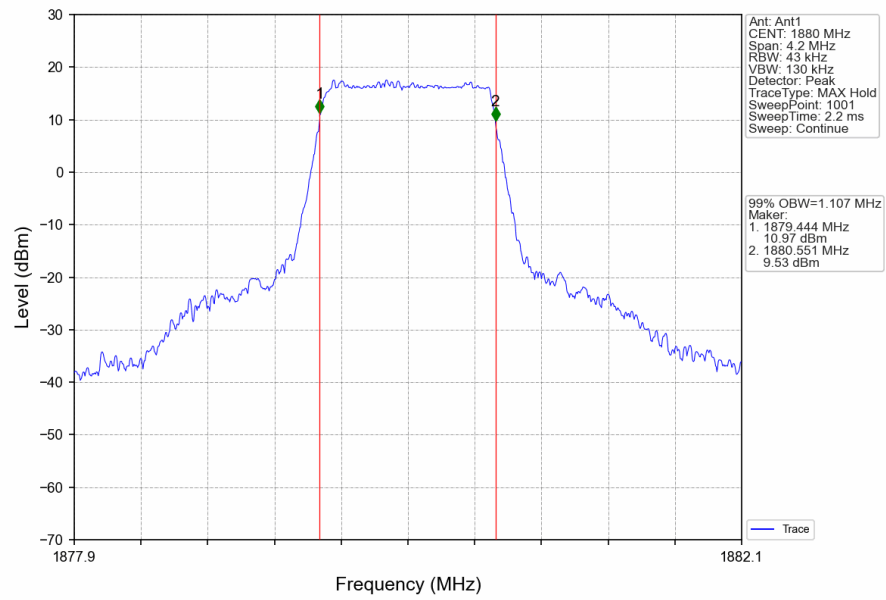
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



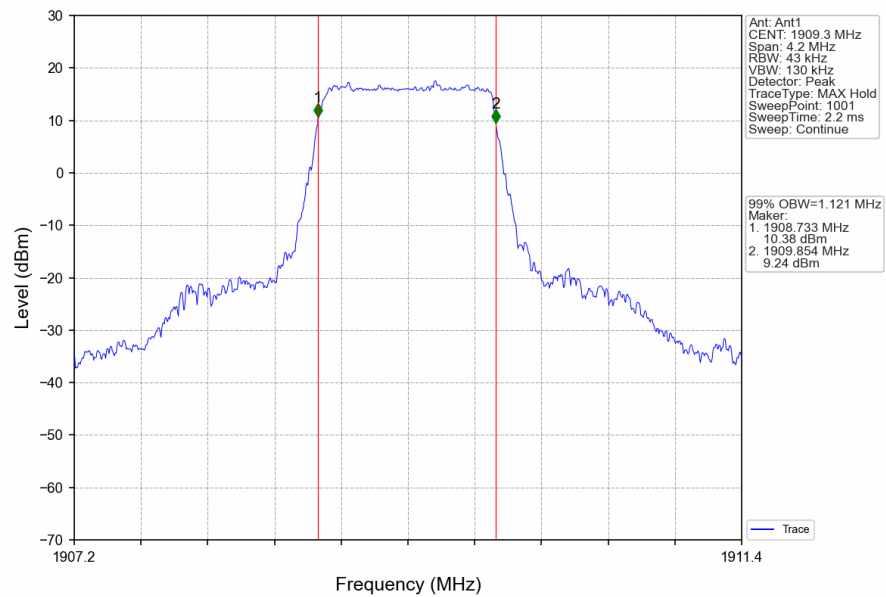
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



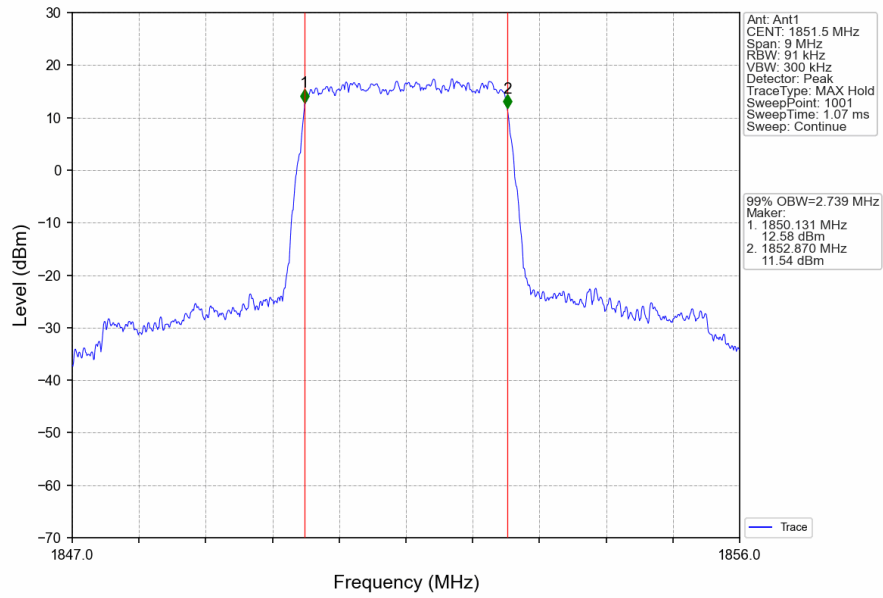
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



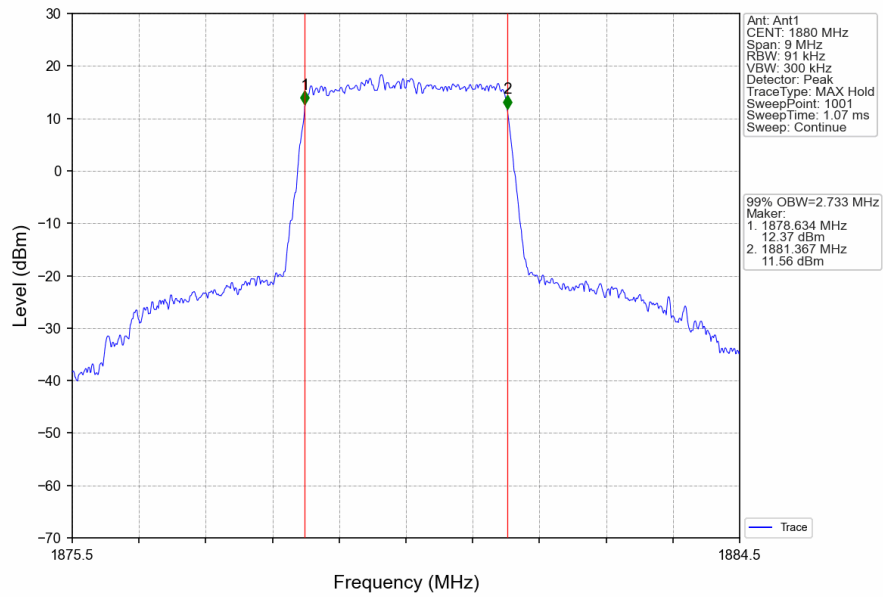
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



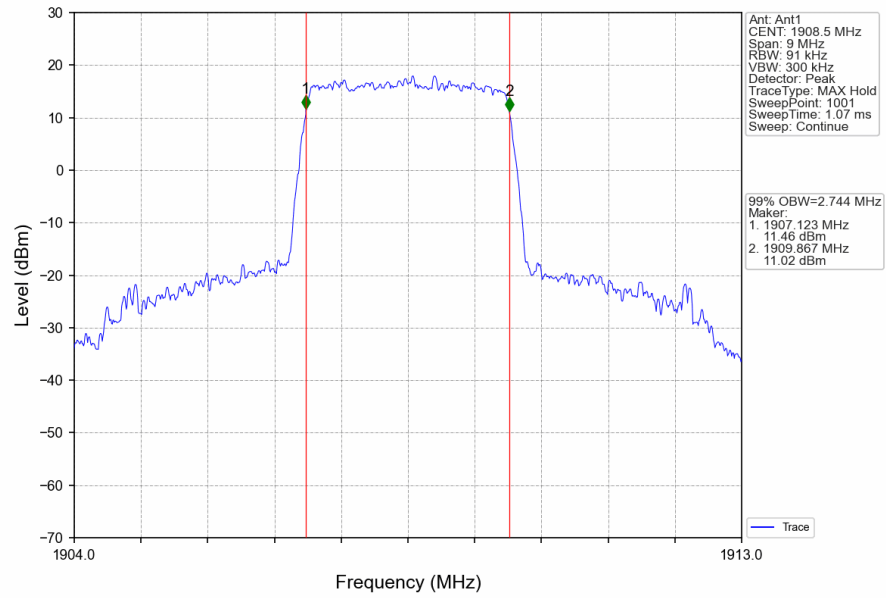
Band2 3MHz QPSK LCH 1851.5MHz RB 15_0 NTN



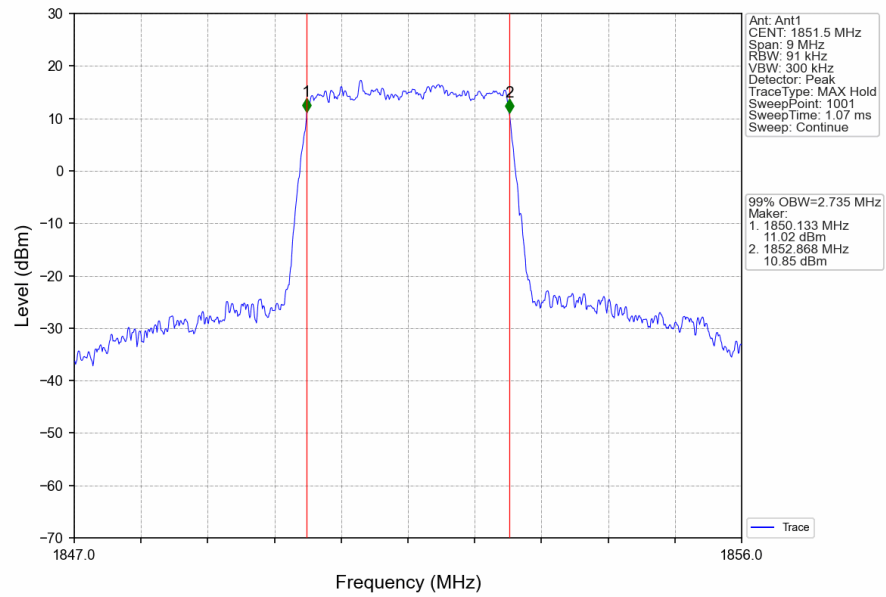
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0 NTN



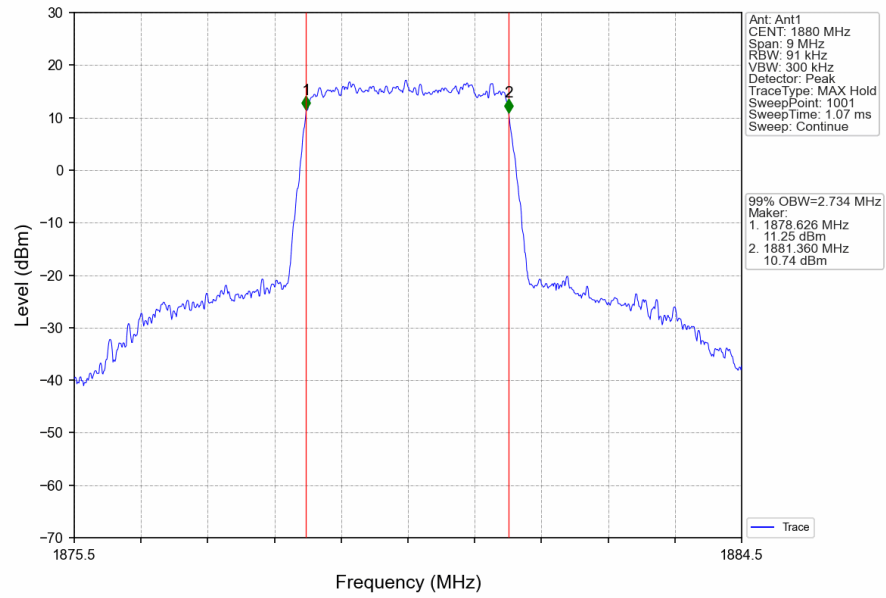
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



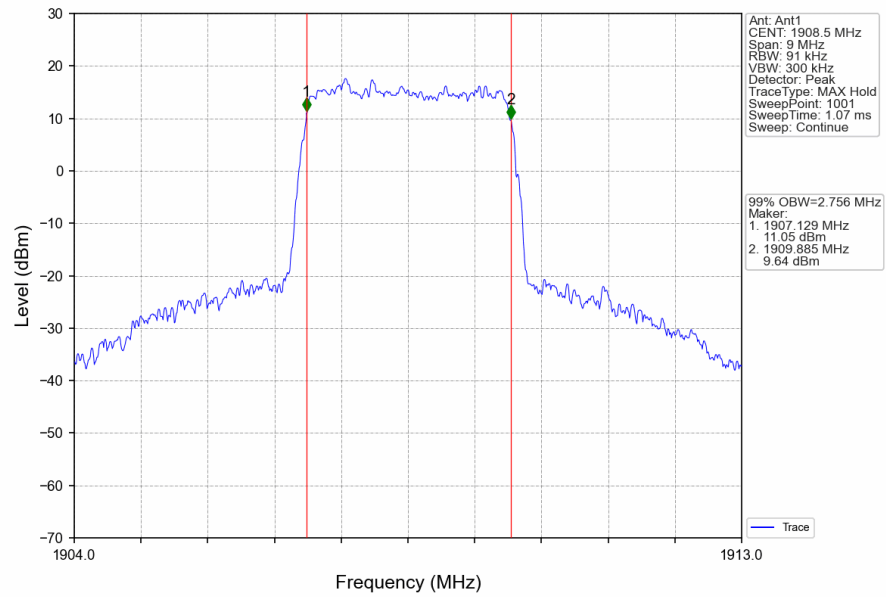
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



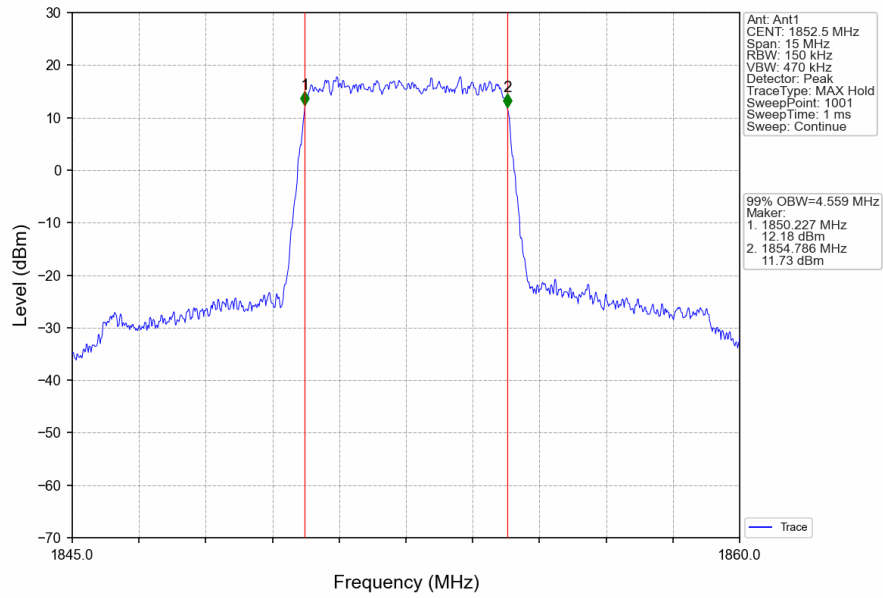
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



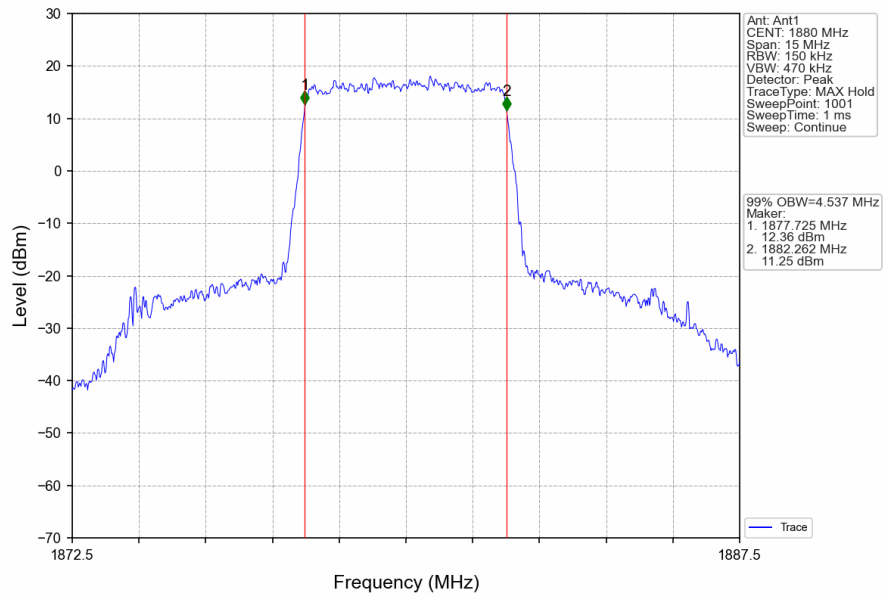
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



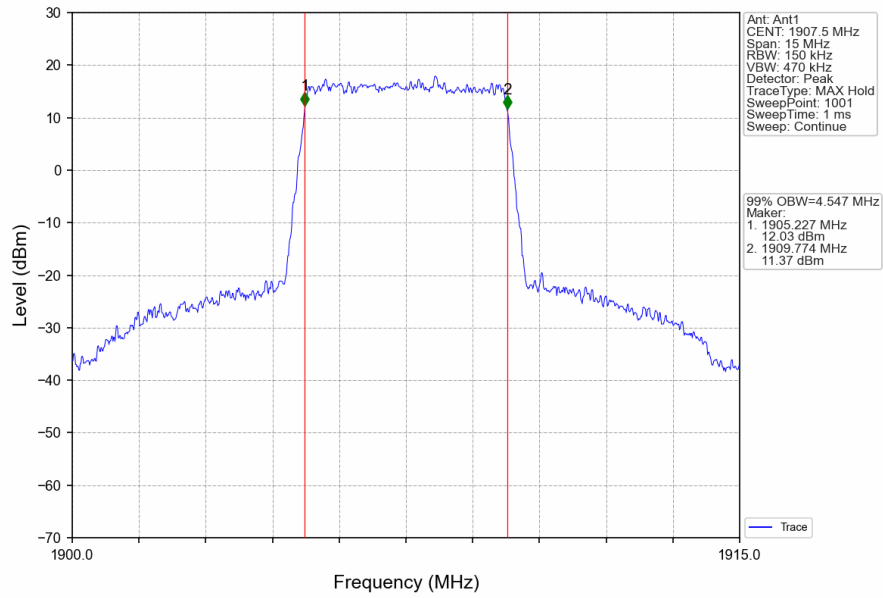
Band2 5MHz QPSK LCH 1852.5MHz RB 25_0 NTN



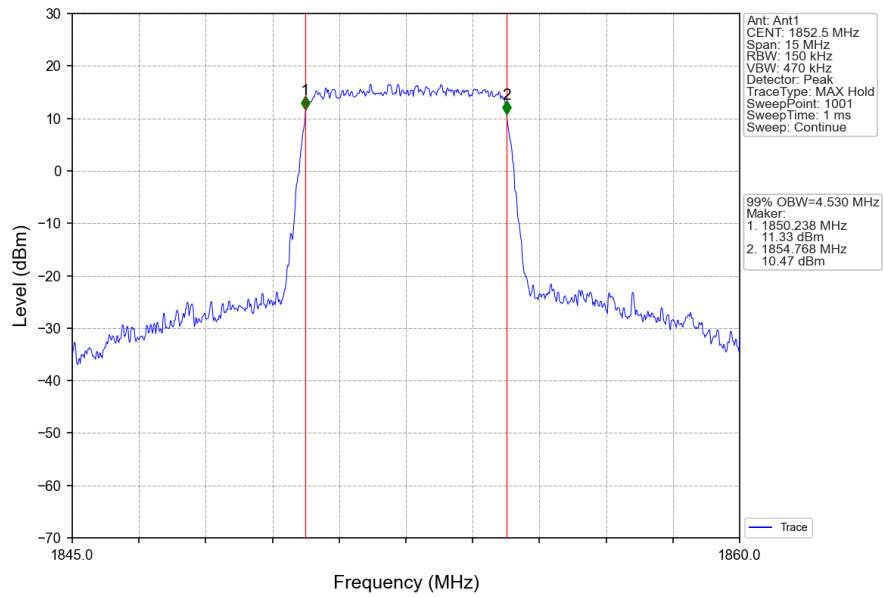
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0 NTN



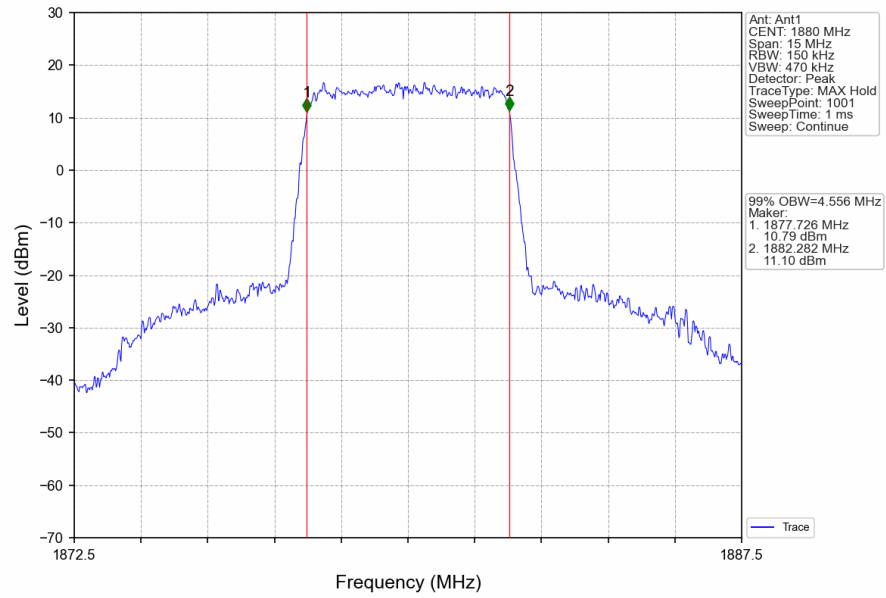
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



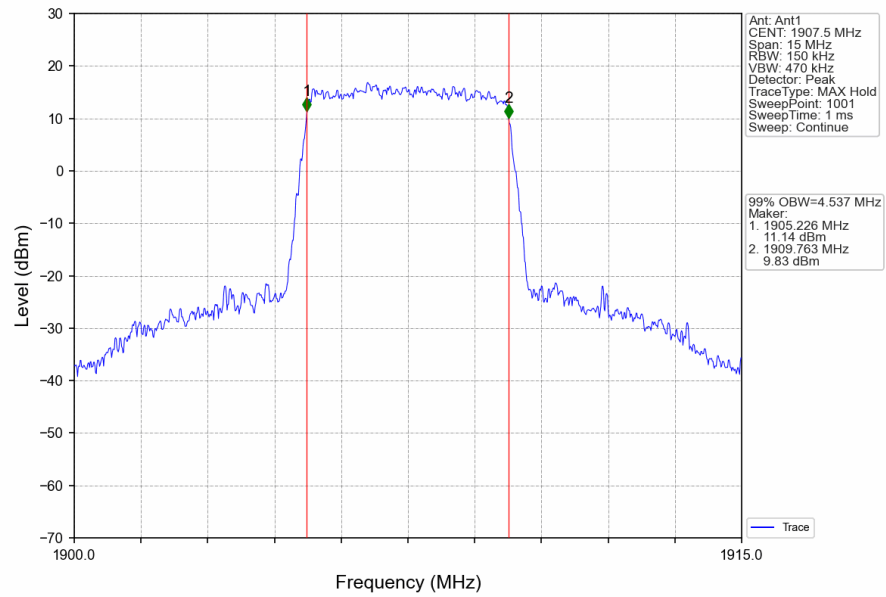
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



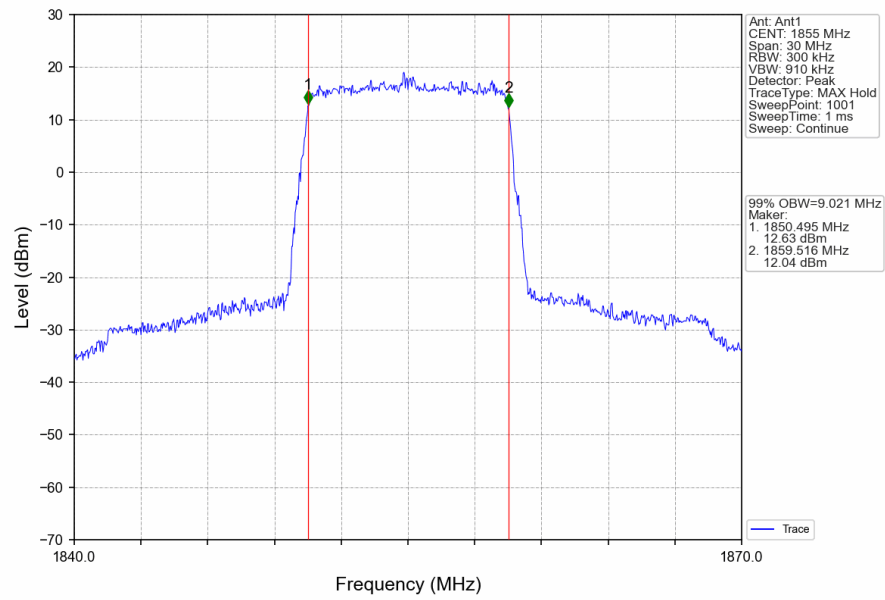
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



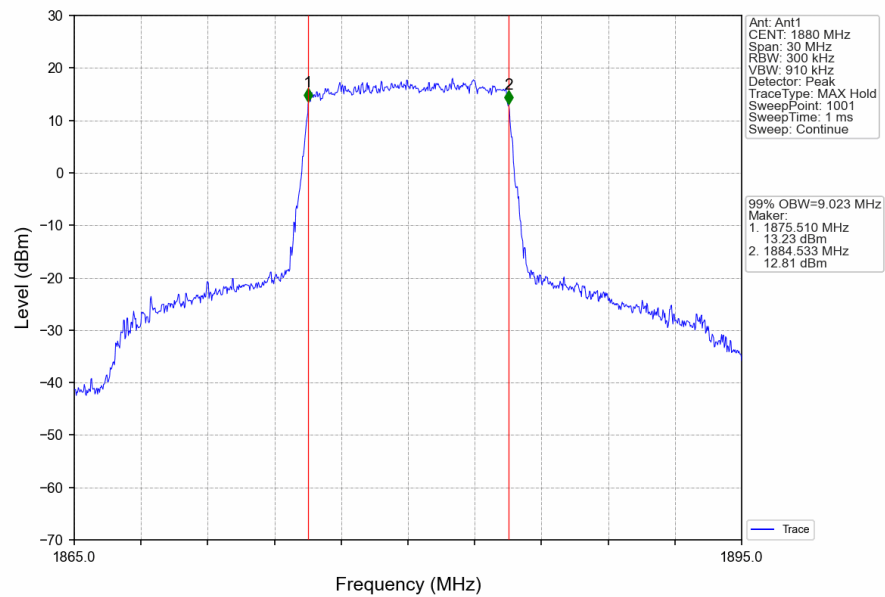
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



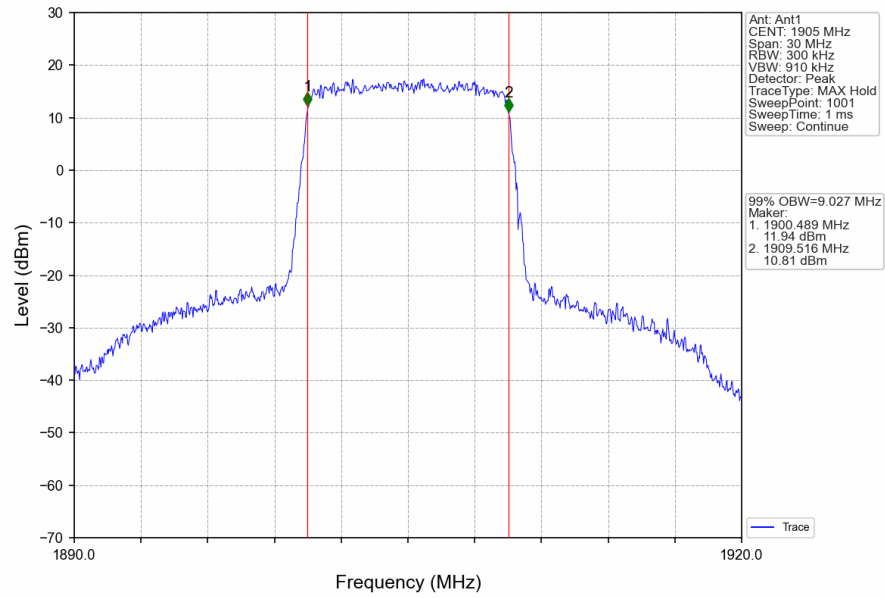
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



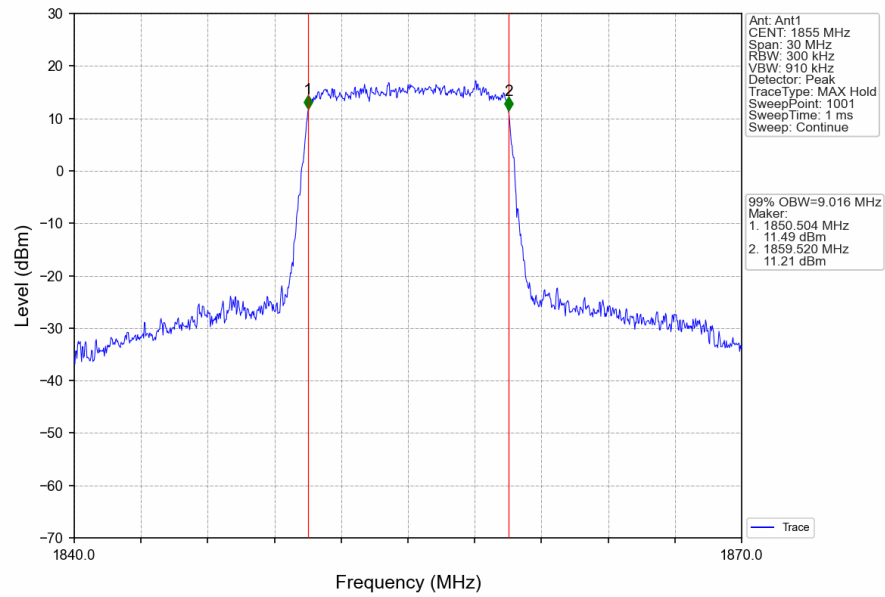
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



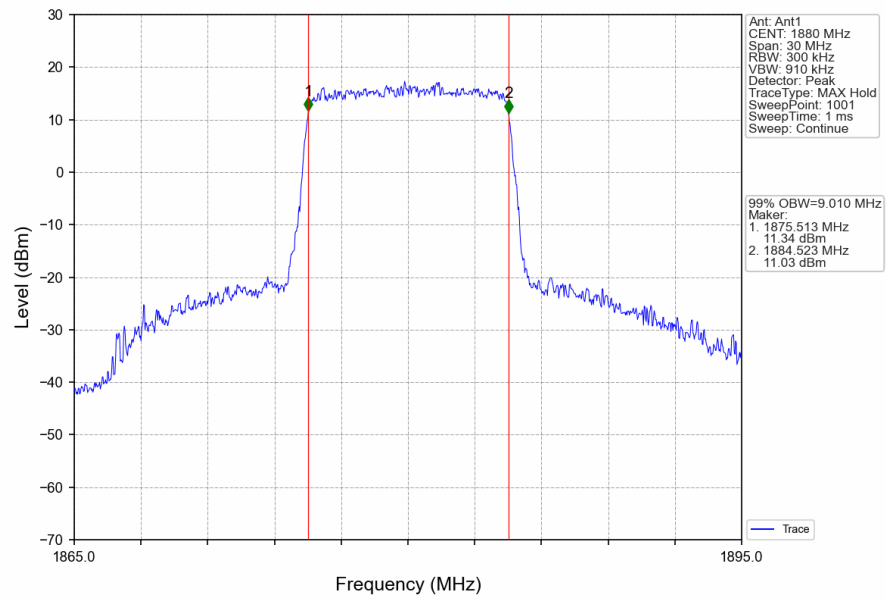
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTV



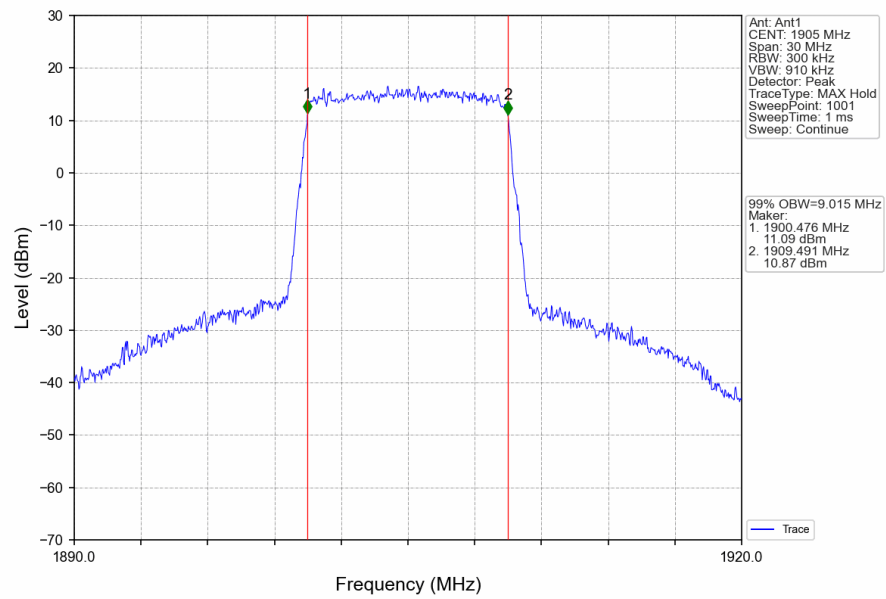
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



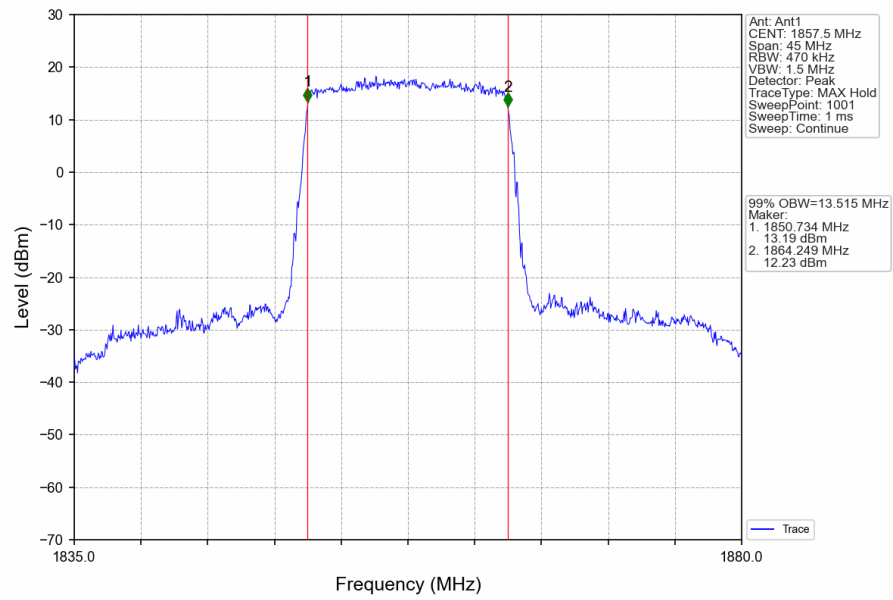
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



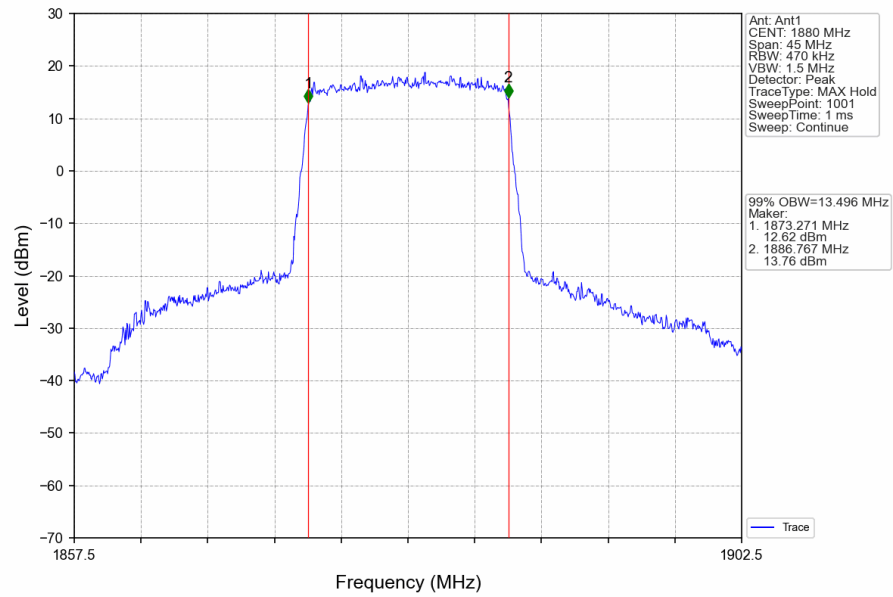
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



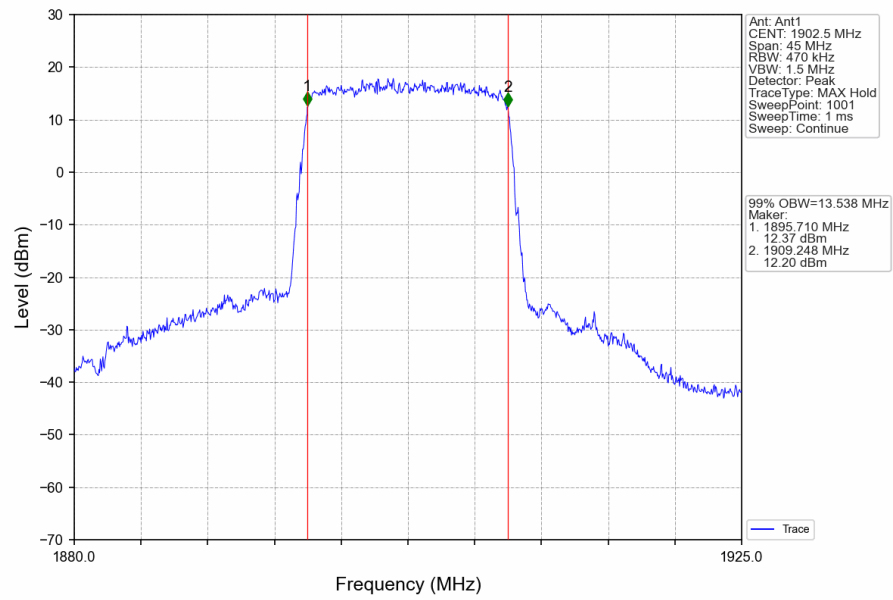
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



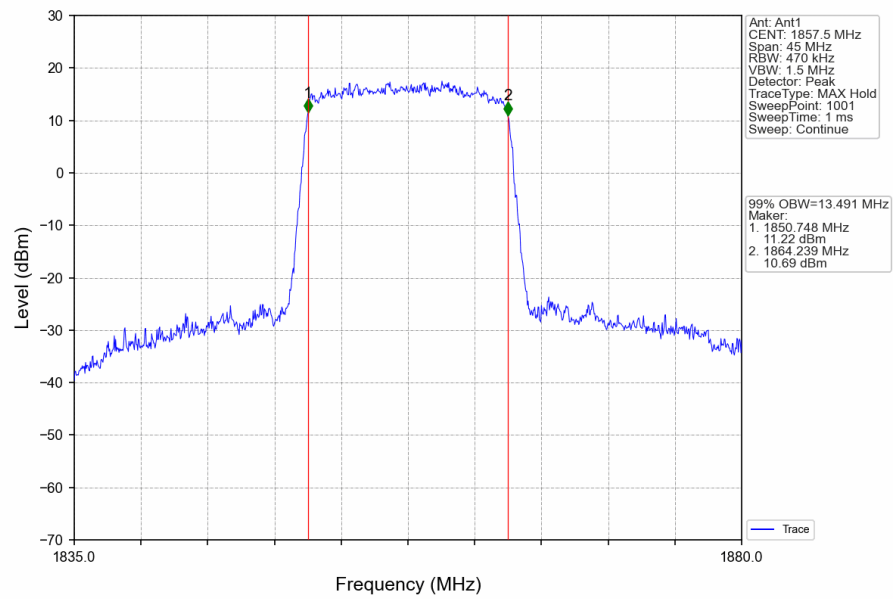
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



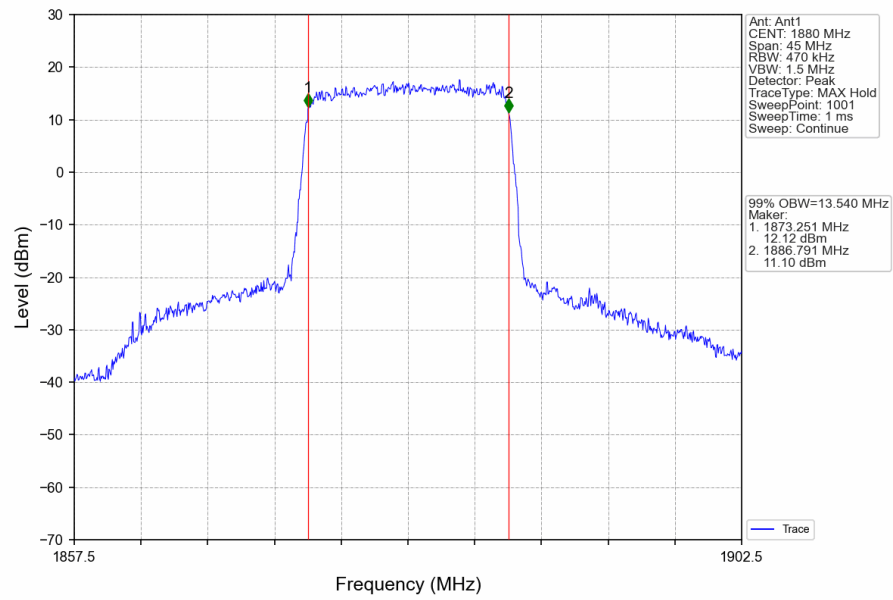
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



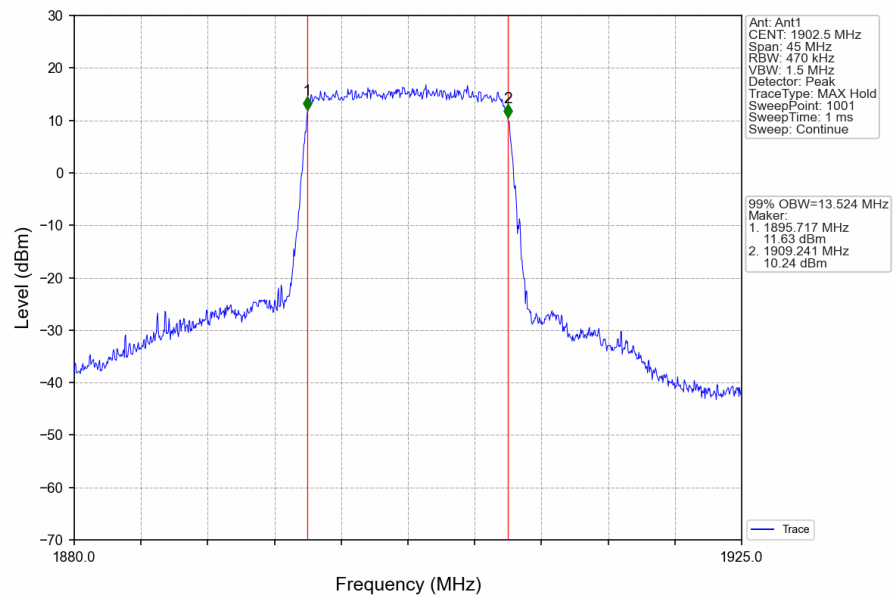
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



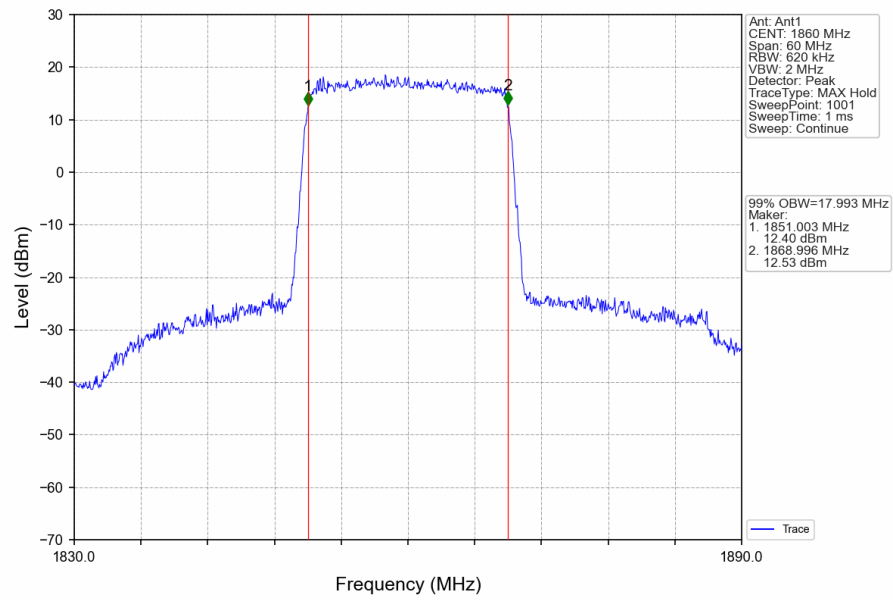
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



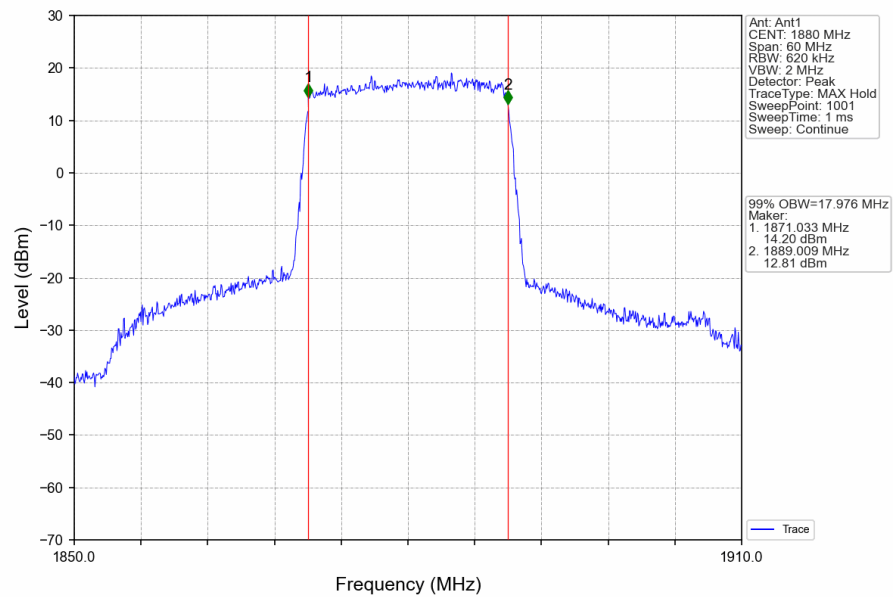
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



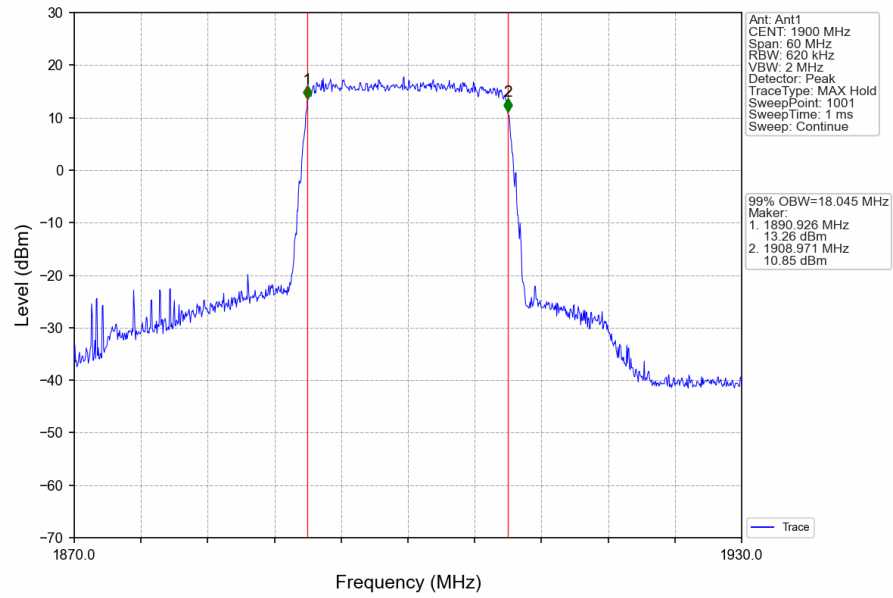
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



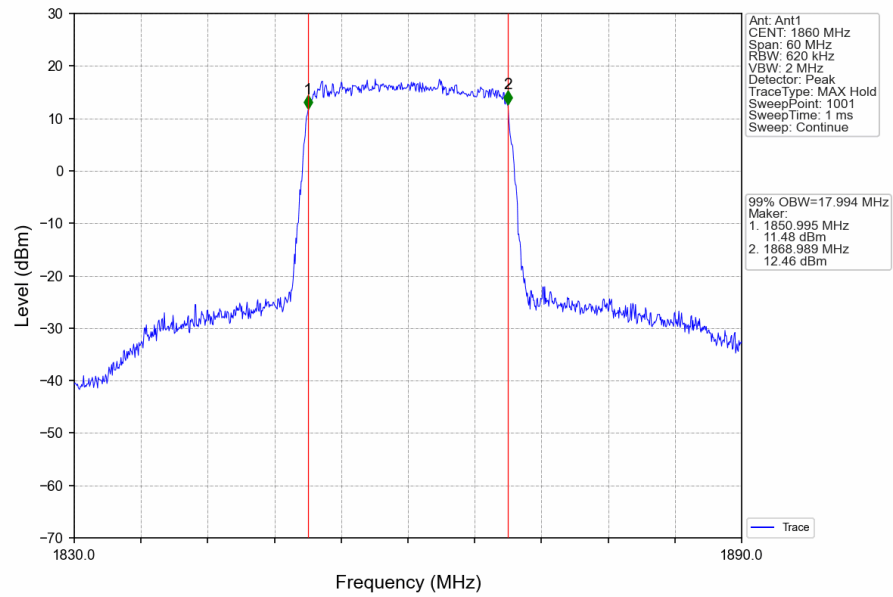
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



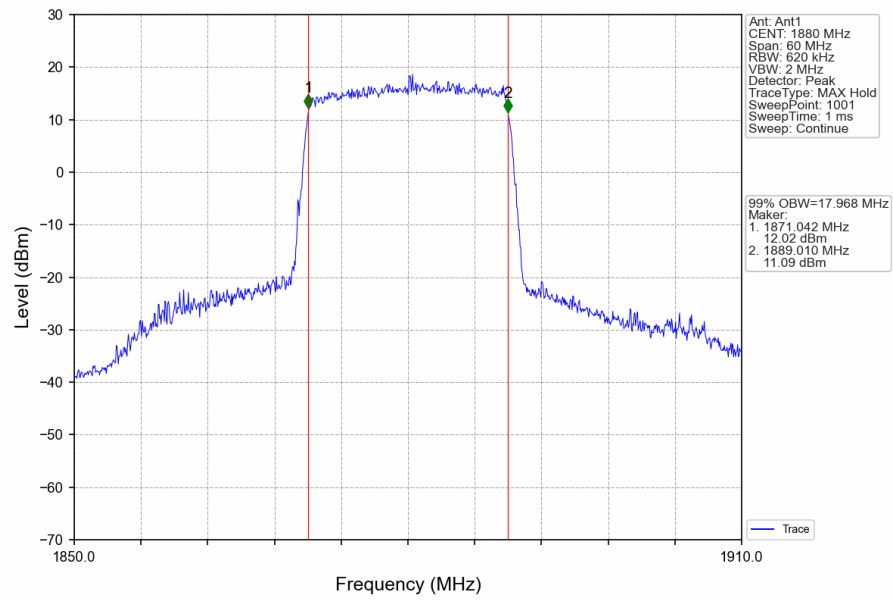
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



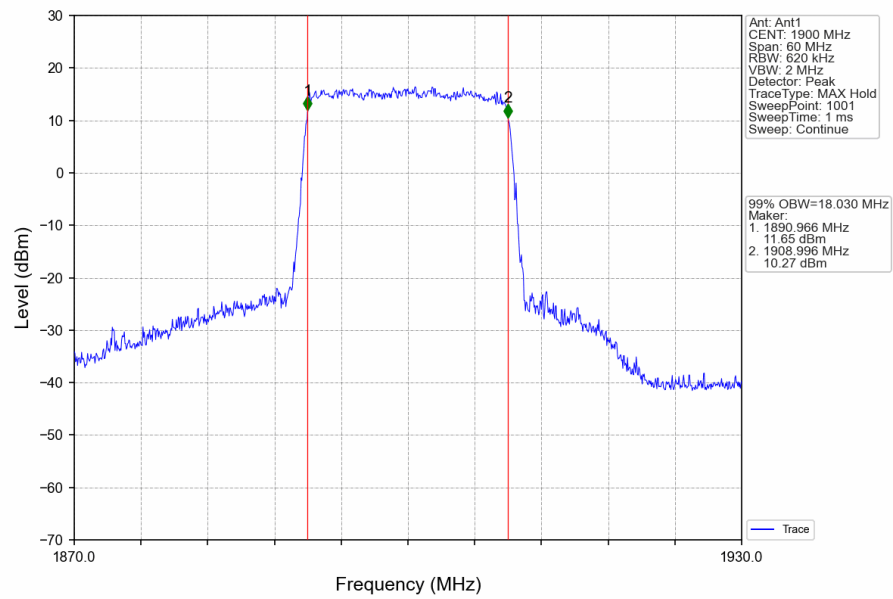
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTN

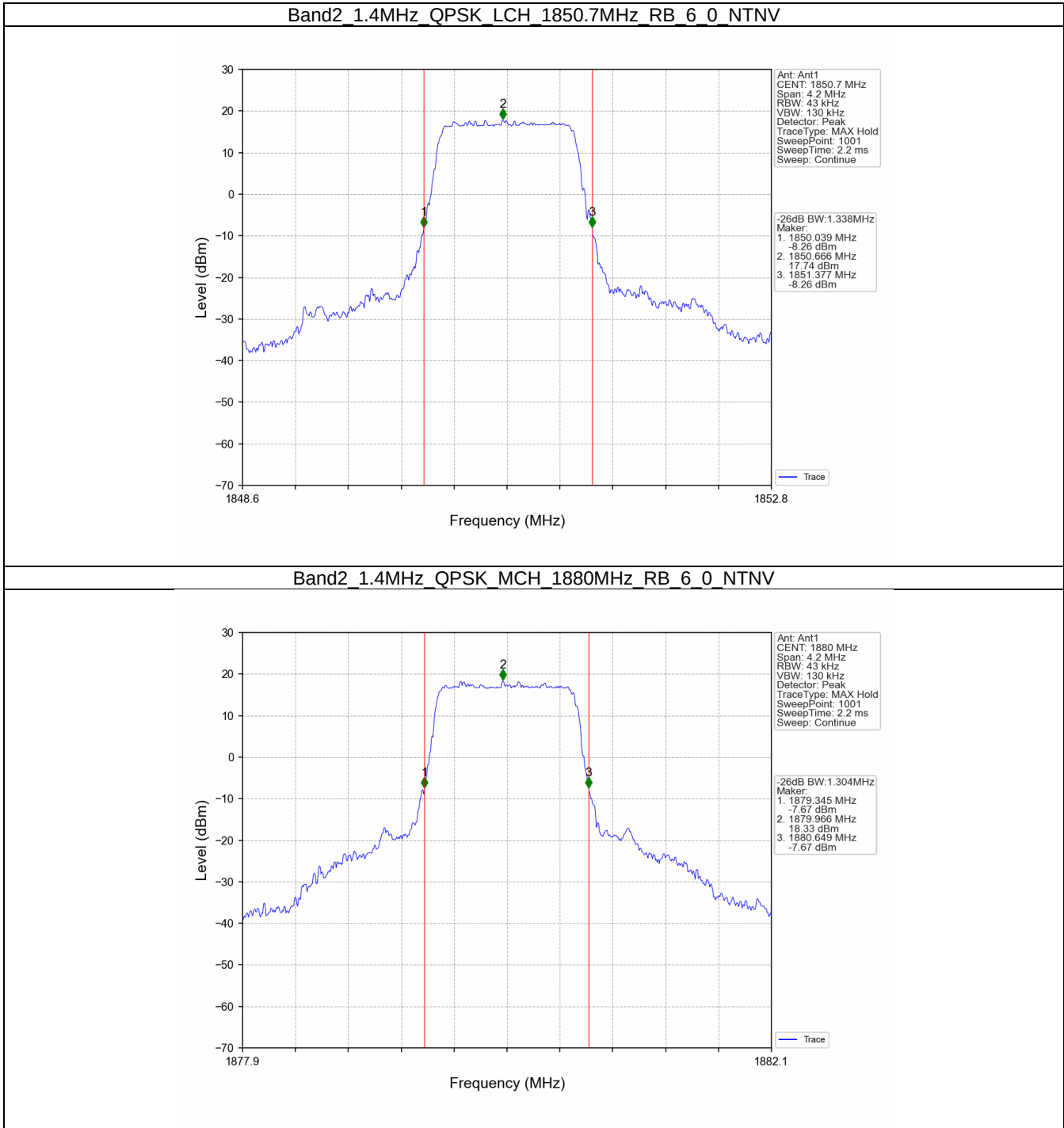


3.2 Band2_XDB

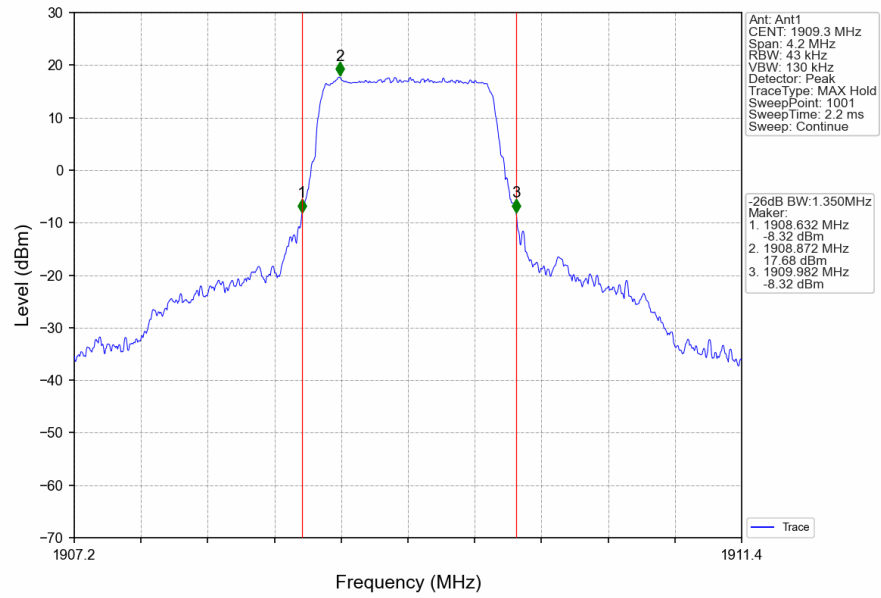
3.2.1 Test Result

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	1.338	/	Pass
		1880	6	0	1.304	/	Pass
		1909.3	6	0	1.350	/	Pass
	16QAM	1850.7	6	0	1.314	/	Pass
		1880	6	0	1.337	/	Pass
		1909.3	6	0	1.338	/	Pass
3	QPSK	1851.5	15	0	3.068	/	Pass
		1880	15	0	3.049	/	Pass
		1908.5	15	0	3.072	/	Pass
	16QAM	1851.5	15	0	3.057	/	Pass
		1880	15	0	3.058	/	Pass
		1908.5	15	0	3.067	/	Pass
5	QPSK	1852.5	25	0	5.070	/	Pass
		1880	25	0	5.068	/	Pass
		1907.5	25	0	5.072	/	Pass
	16QAM	1852.5	25	0	5.043	/	Pass
		1880	25	0	5.096	/	Pass
		1907.5	25	0	5.088	/	Pass
10	QPSK	1855	50	0	10.041	/	Pass
		1880	50	0	10.071	/	Pass
		1905	50	0	10.080	/	Pass
	16QAM	1855	50	0	9.985	/	Pass
		1880	50	0	9.941	/	Pass
		1905	50	0	10.060	/	Pass
15	QPSK	1857.5	75	0	14.977	/	Pass
		1880	75	0	14.873	/	Pass
		1902.5	75	0	15.006	/	Pass
	16QAM	1857.5	75	0	14.865	/	Pass
		1880	75	0	14.864	/	Pass
		1902.5	75	0	14.945	/	Pass
20	QPSK	1860	100	0	19.655	/	Pass
		1880	100	0	19.735	/	Pass
		1900	100	0	19.804	/	Pass
	16QAM	1860	100	0	19.692	/	Pass
		1880	100	0	19.791	/	Pass
		1900	100	0	19.701	/	Pass

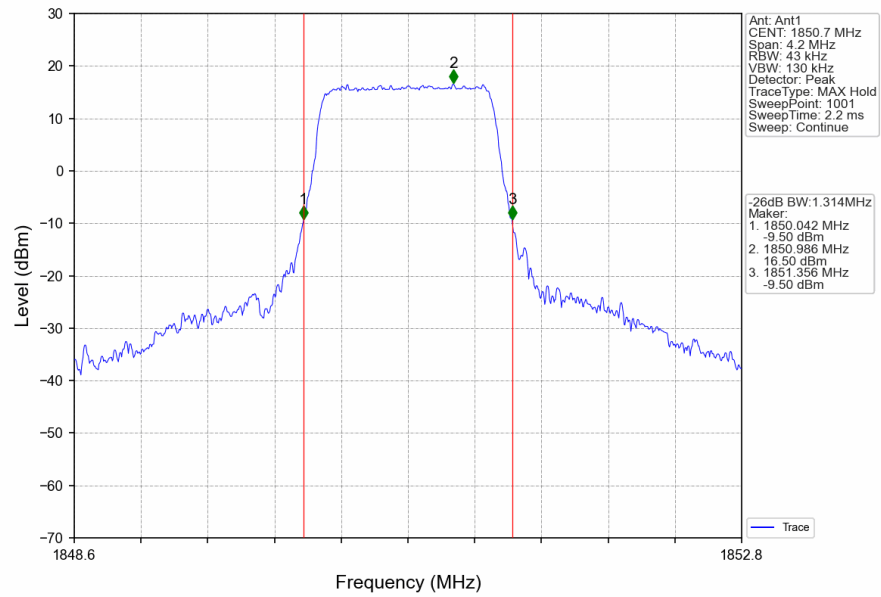
3.2.2 Test Graph



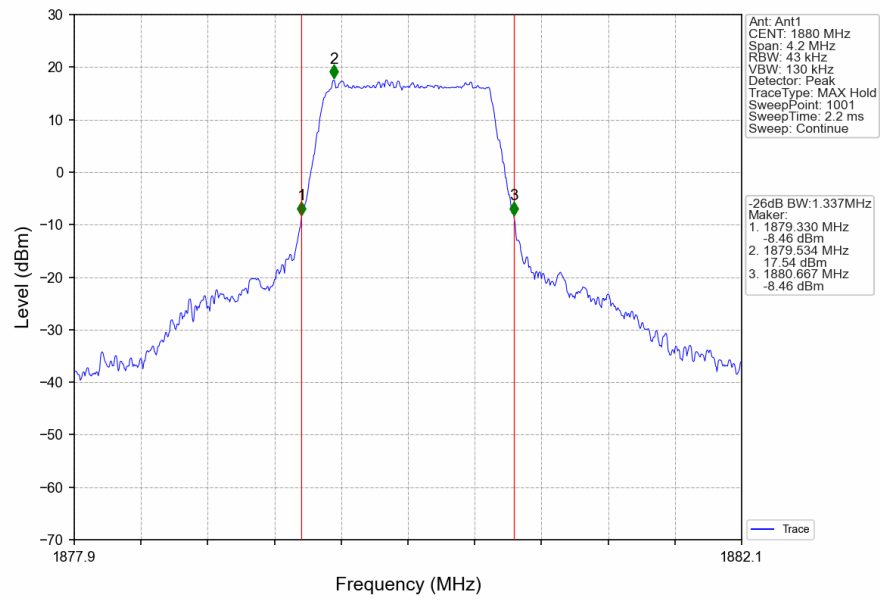
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



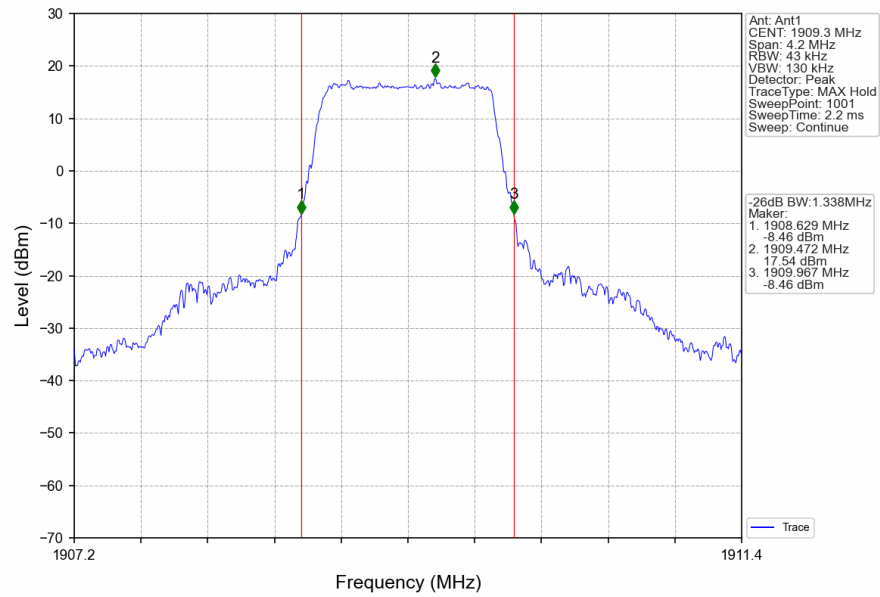
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



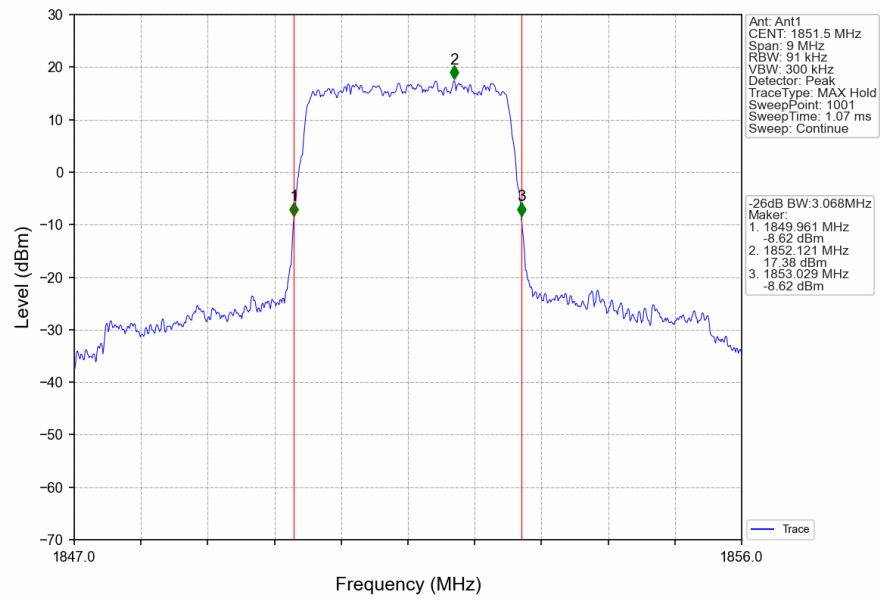
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



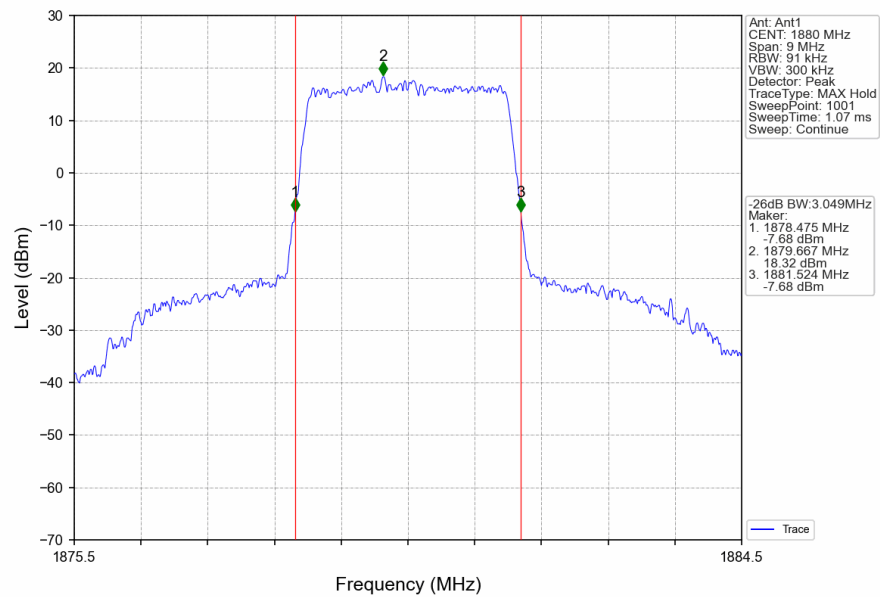
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



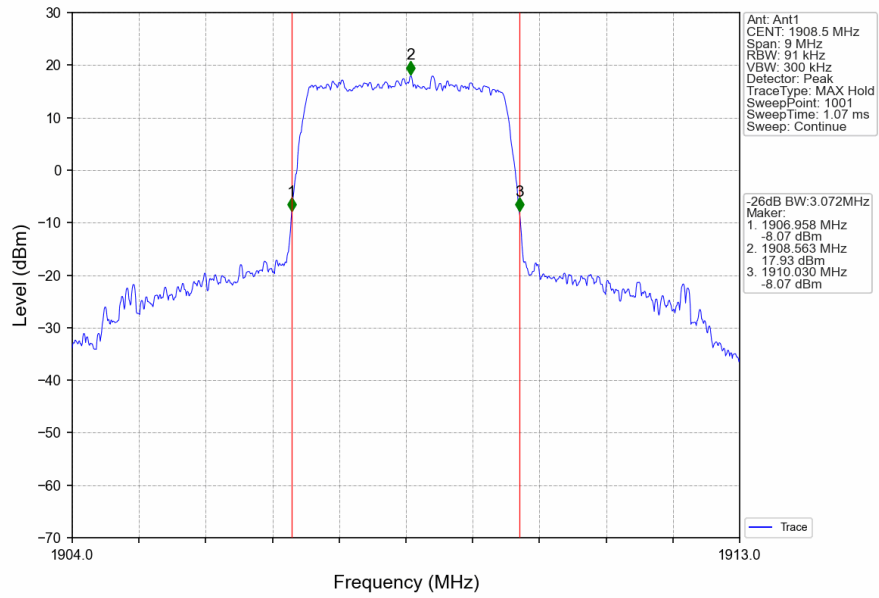
Band2 3MHz QPSK LCH 1851.5MHz RB 15_0 NTN



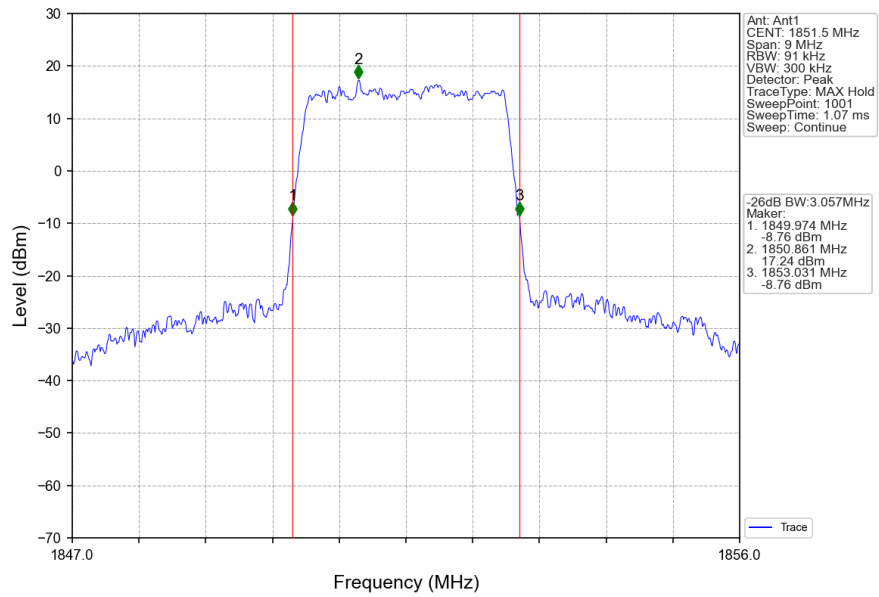
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0 NTN



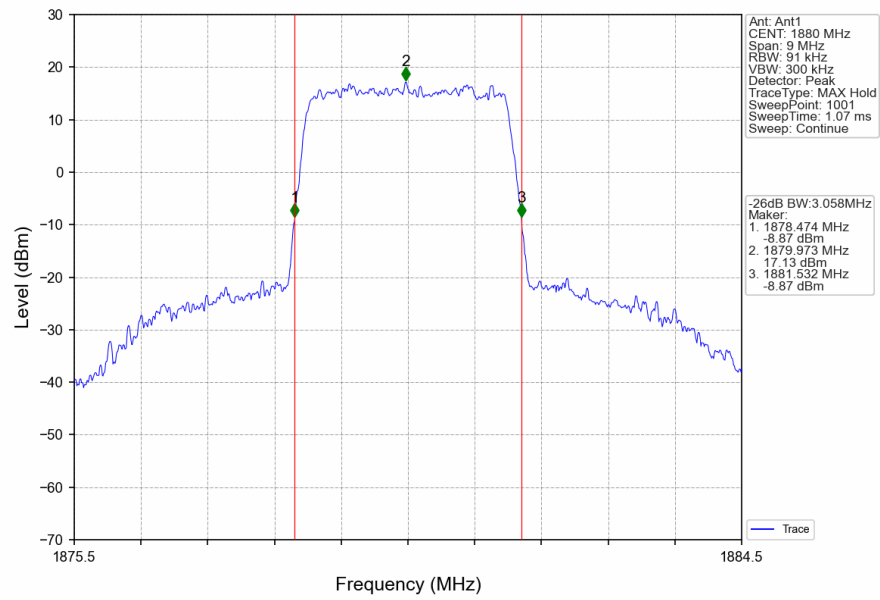
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



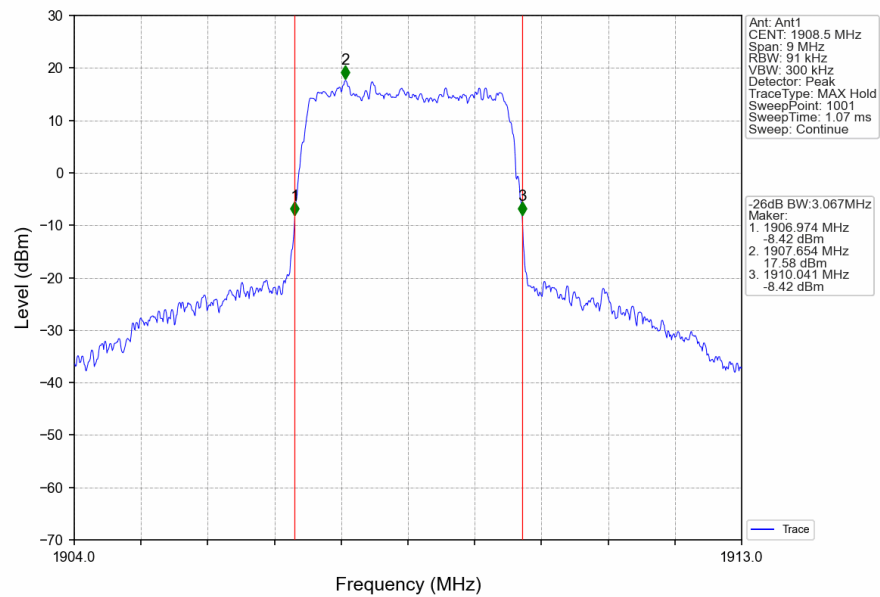
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



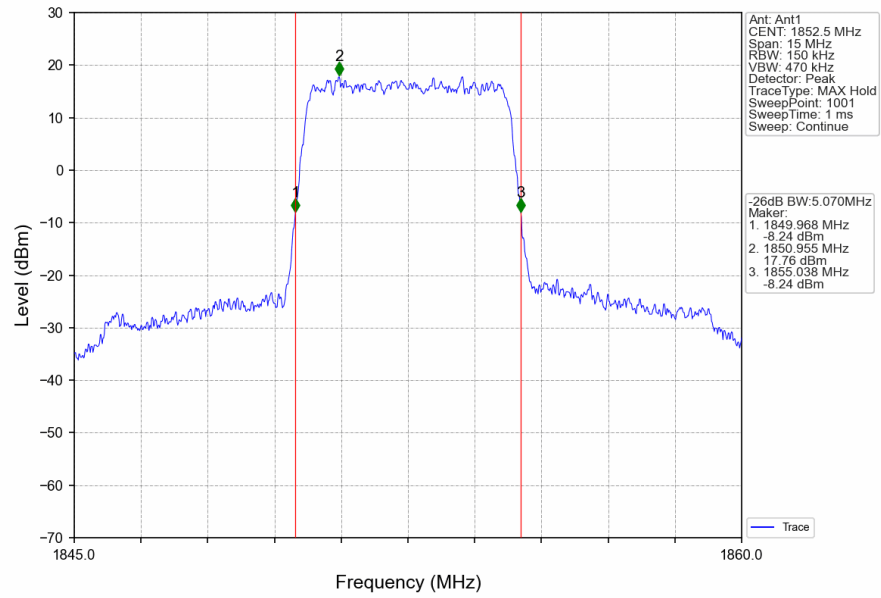
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



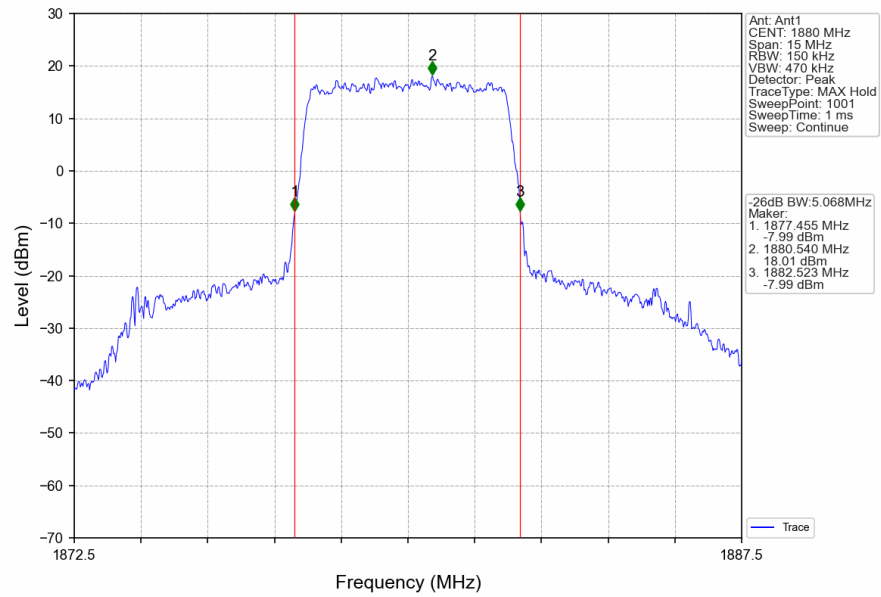
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



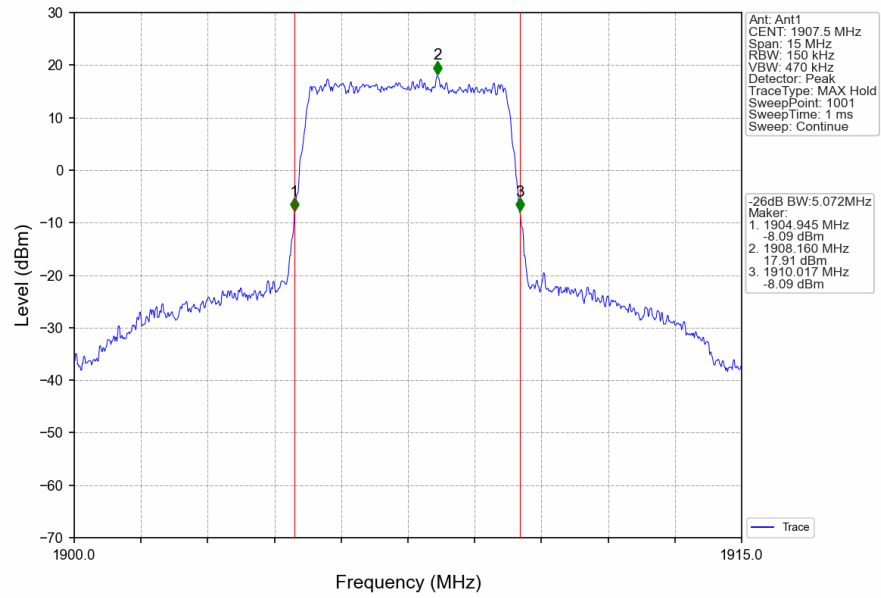
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTN



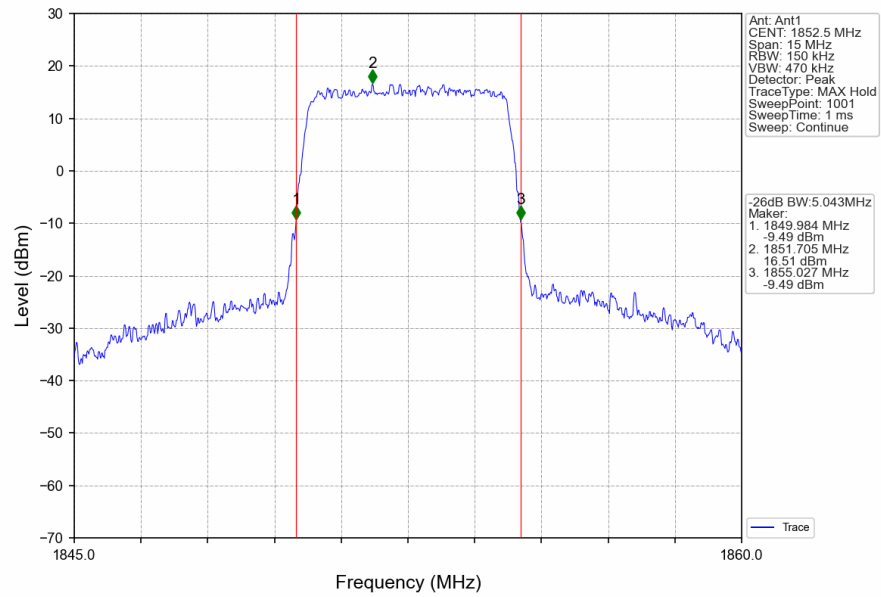
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTN



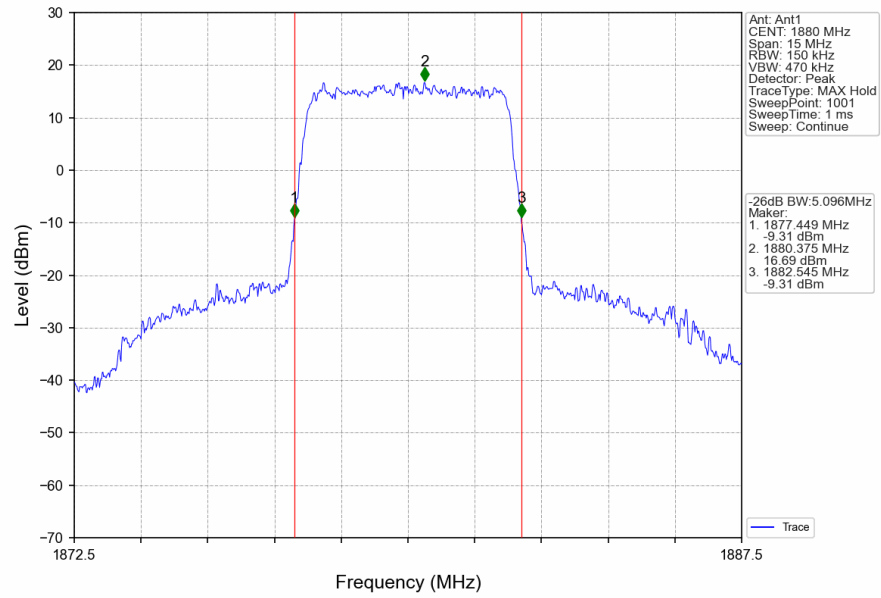
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



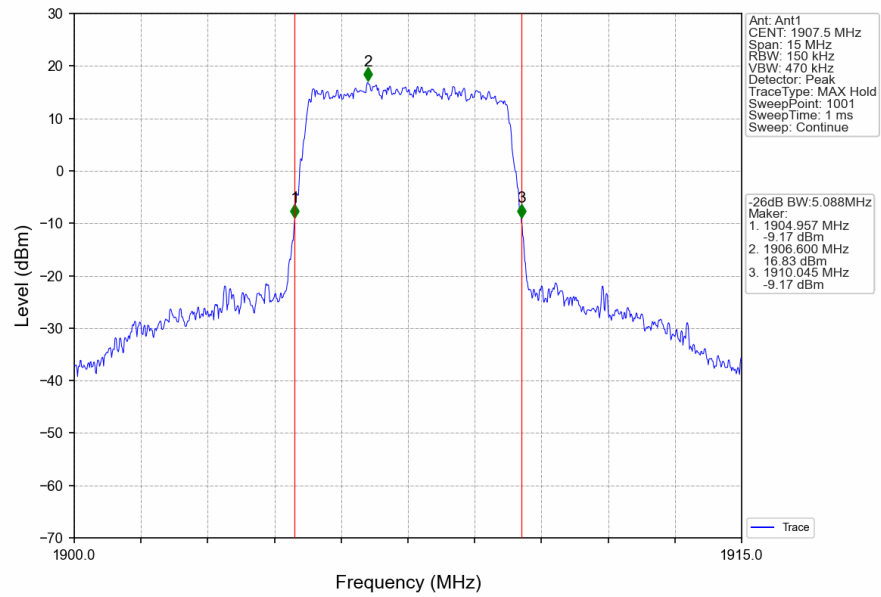
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



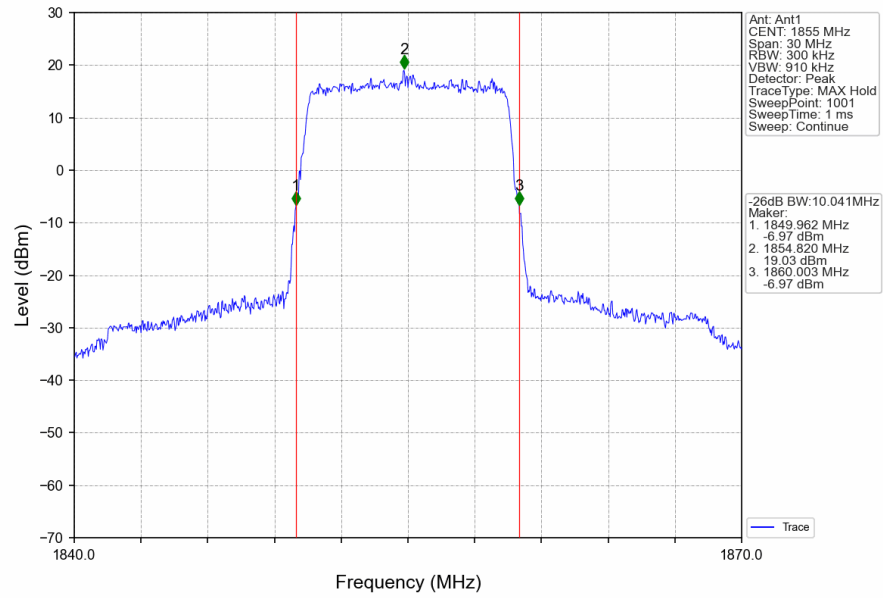
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



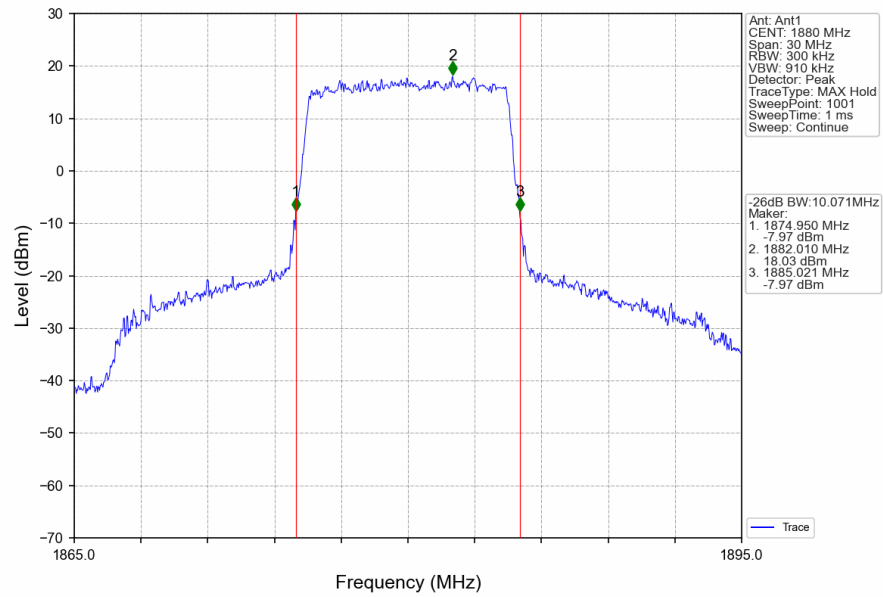
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



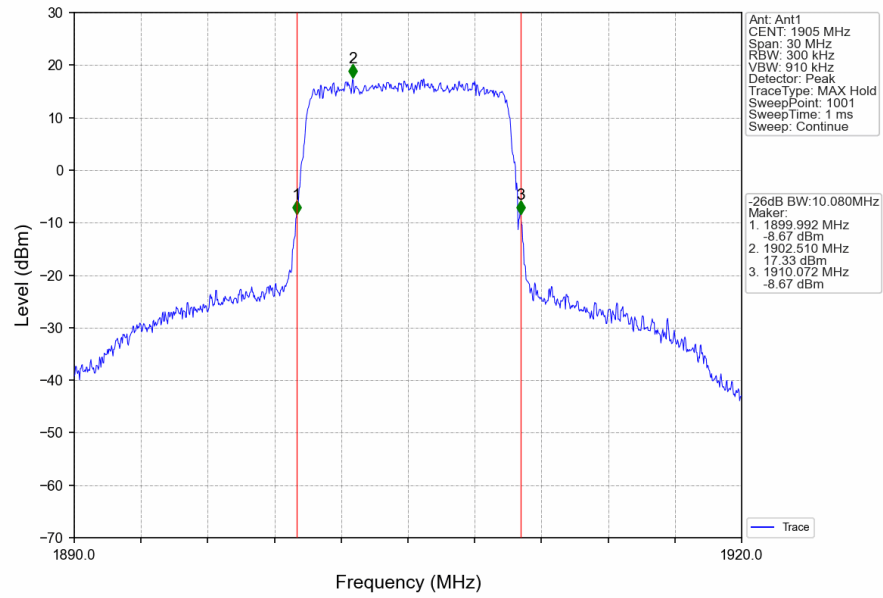
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



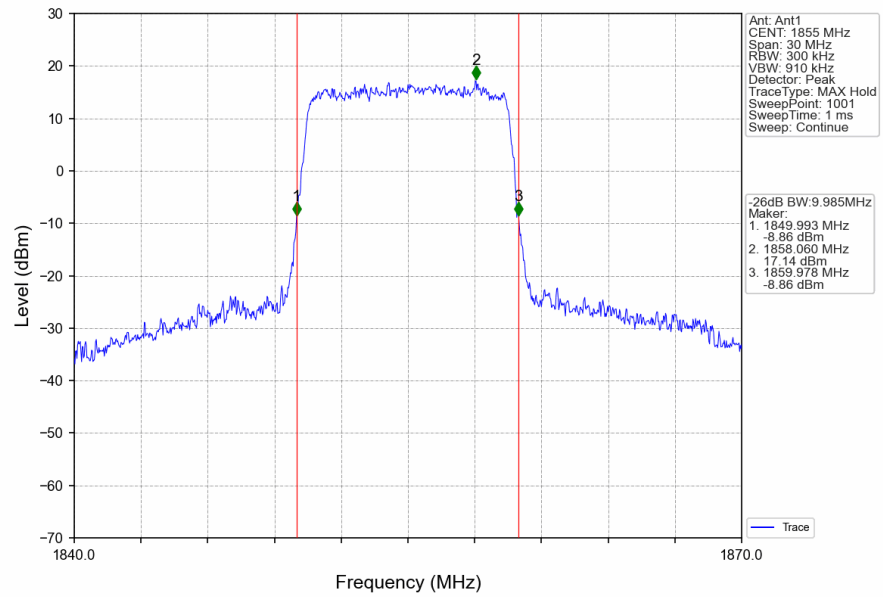
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



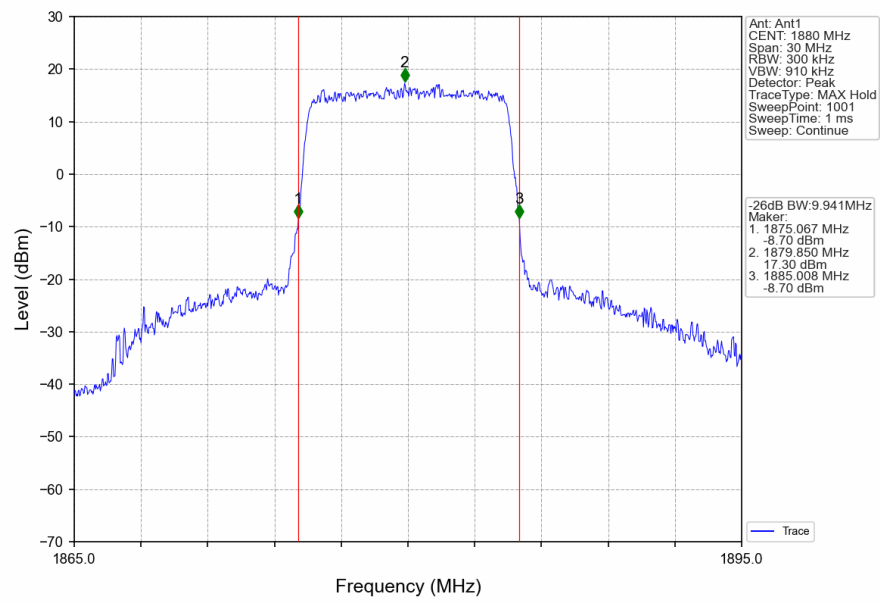
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTV



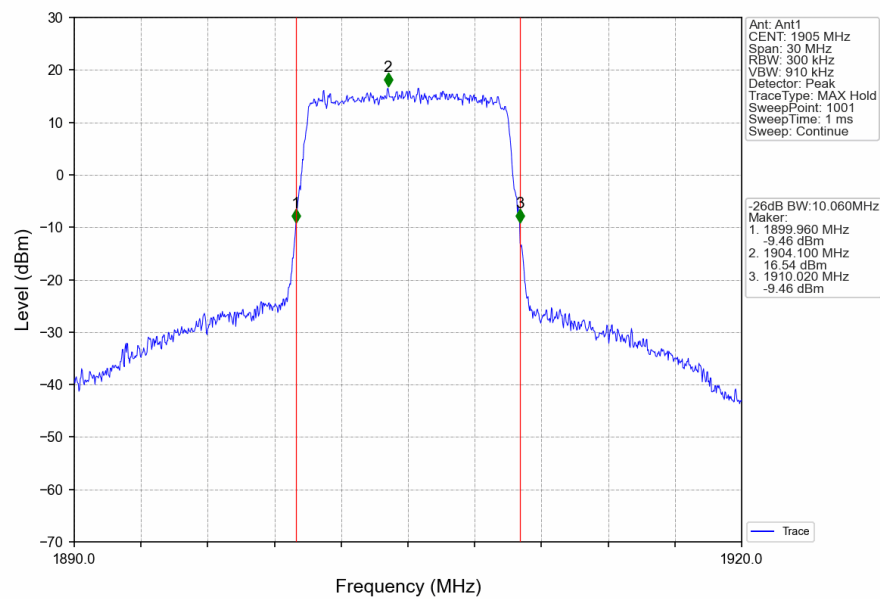
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



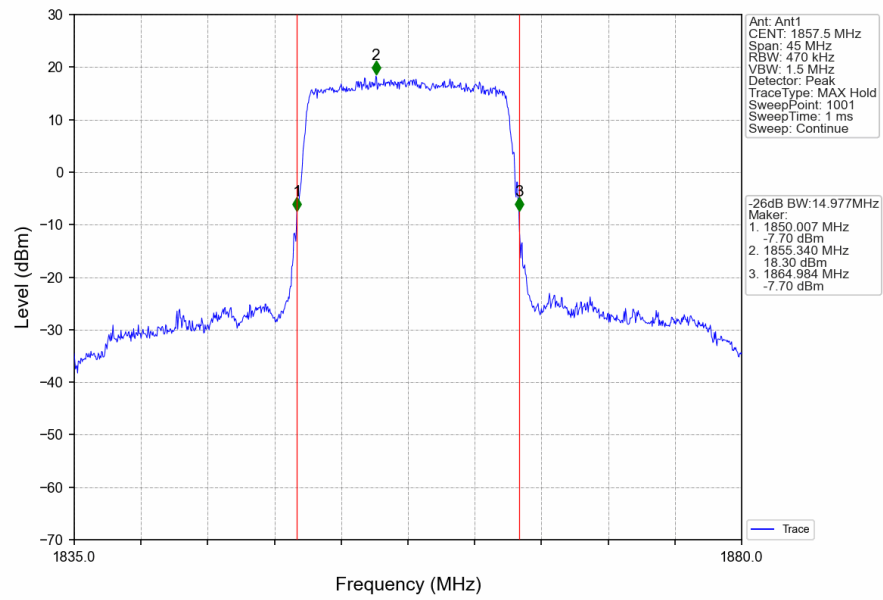
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



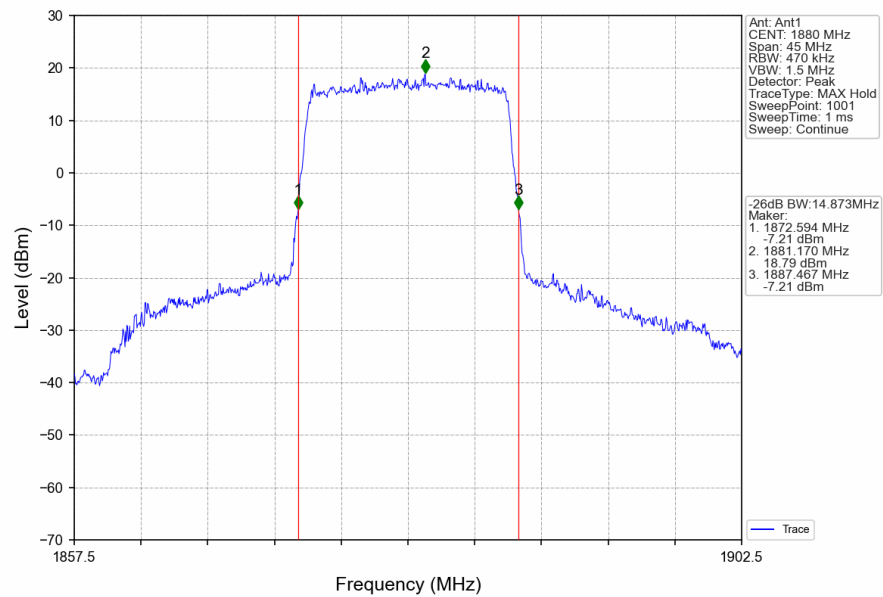
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



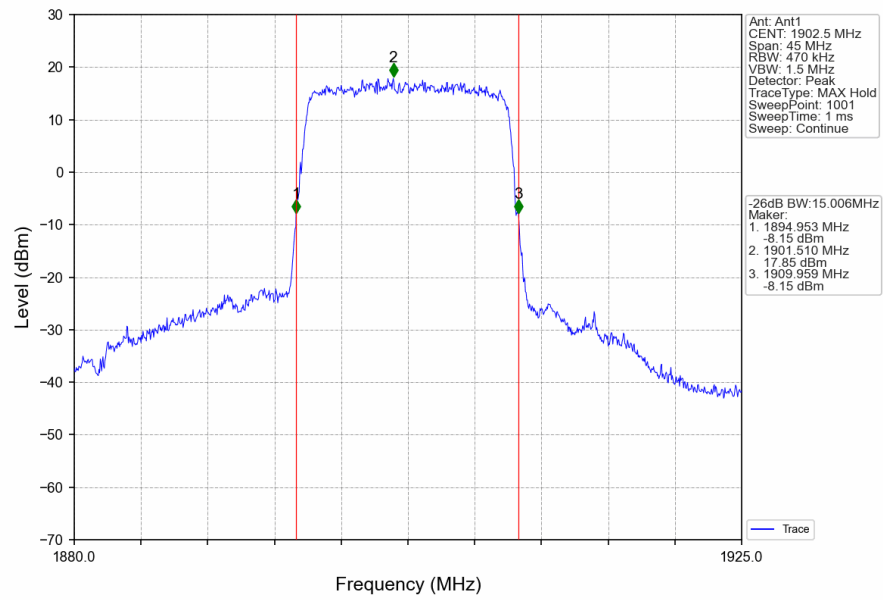
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



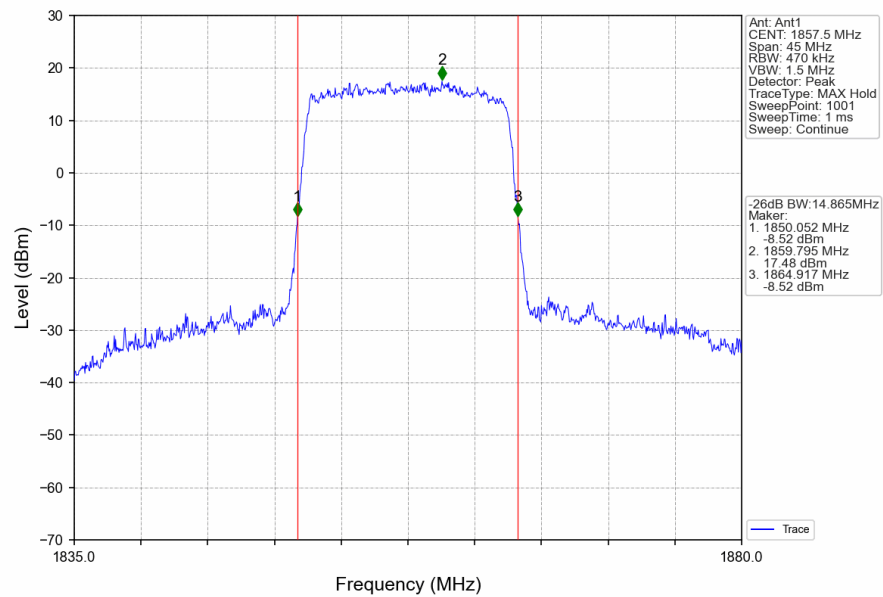
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



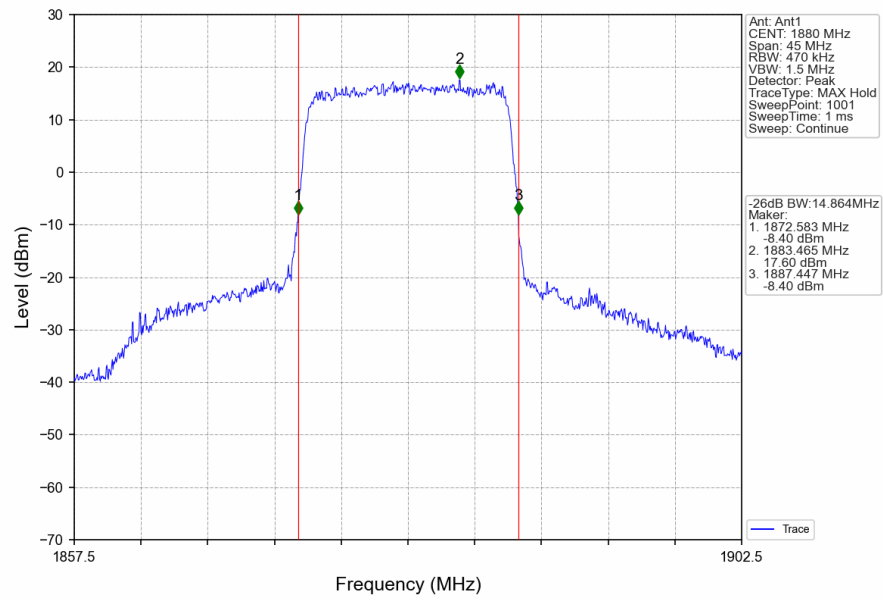
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



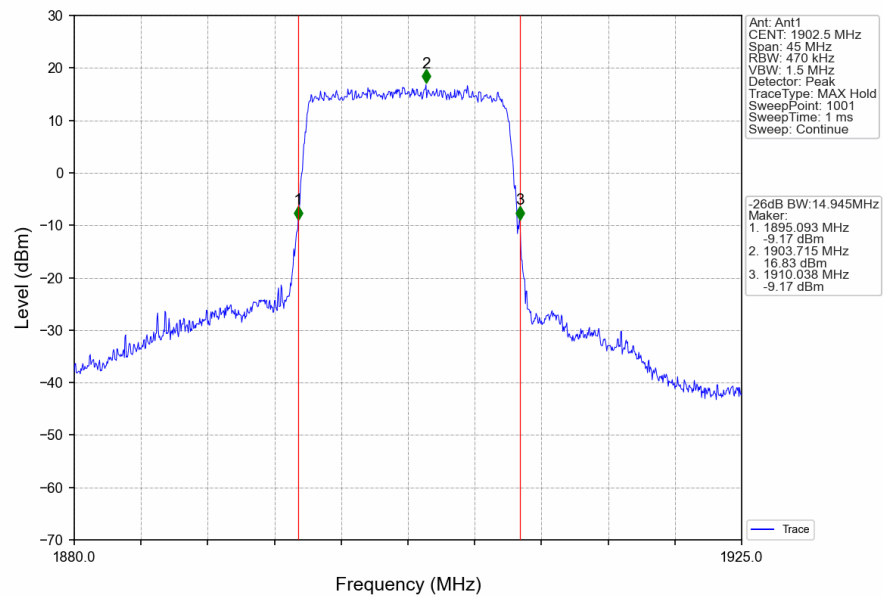
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



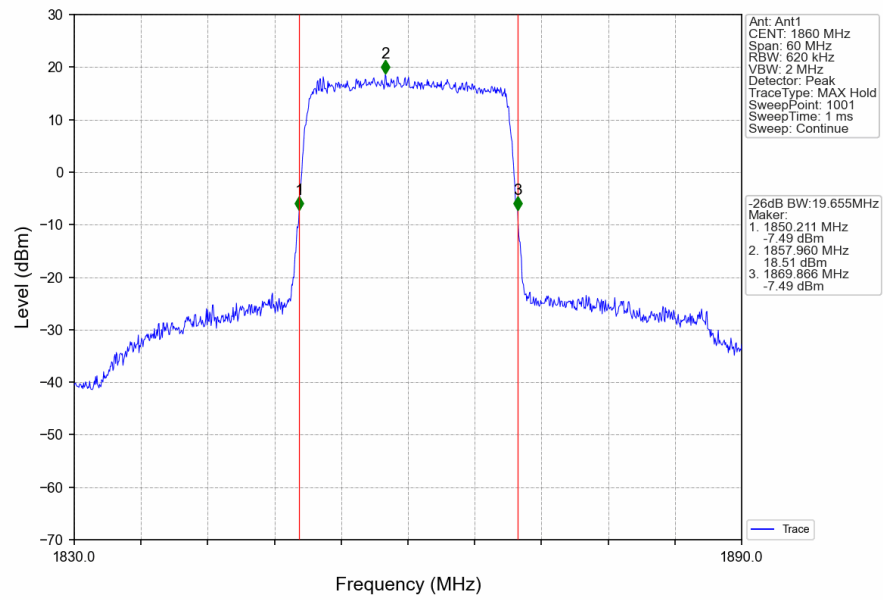
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



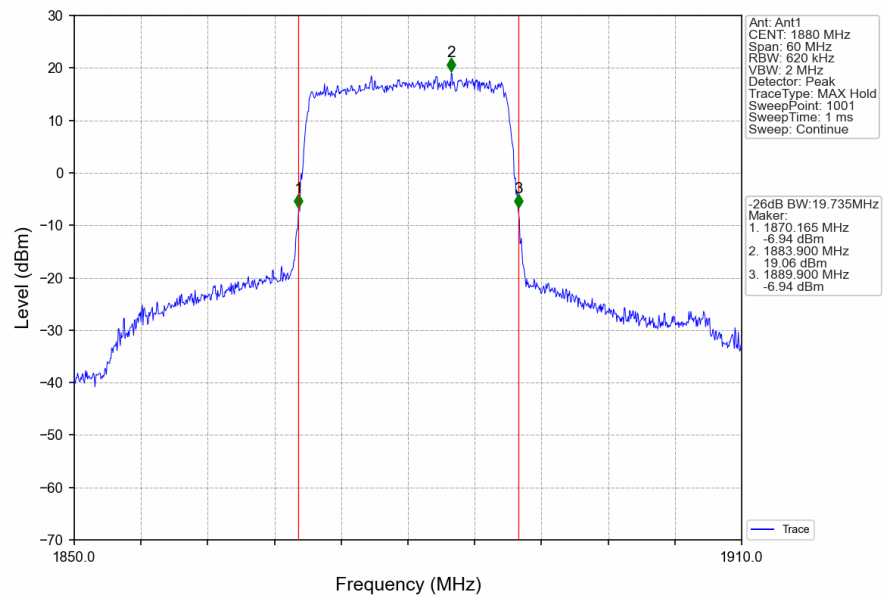
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



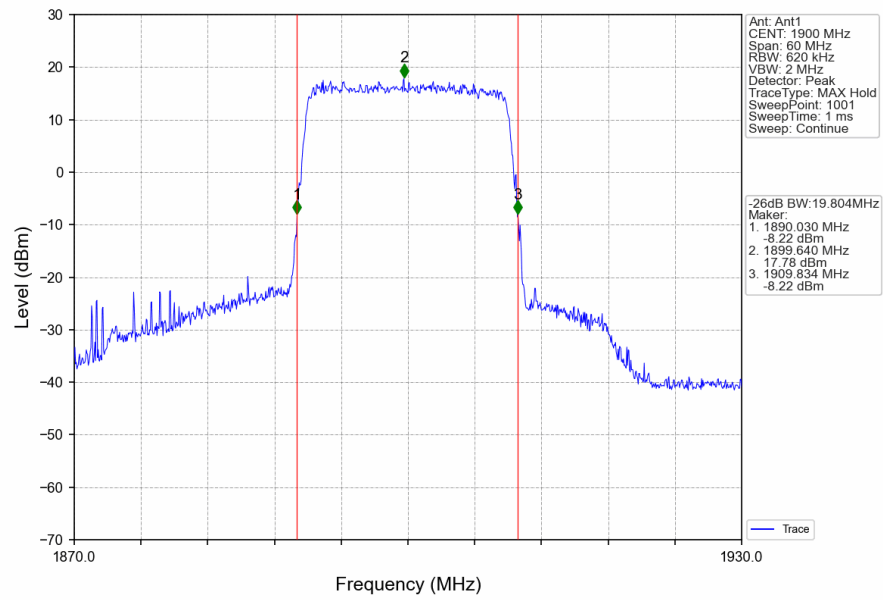
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



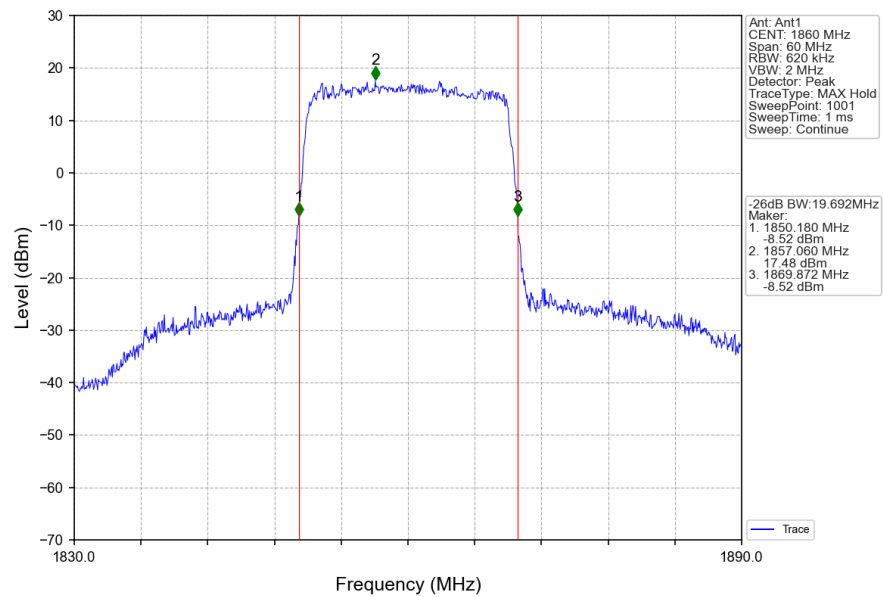
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



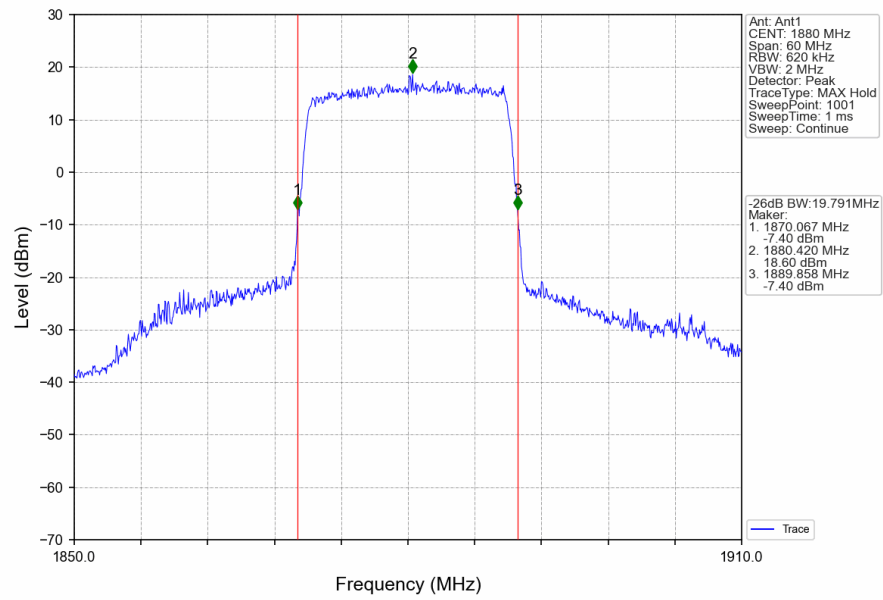
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



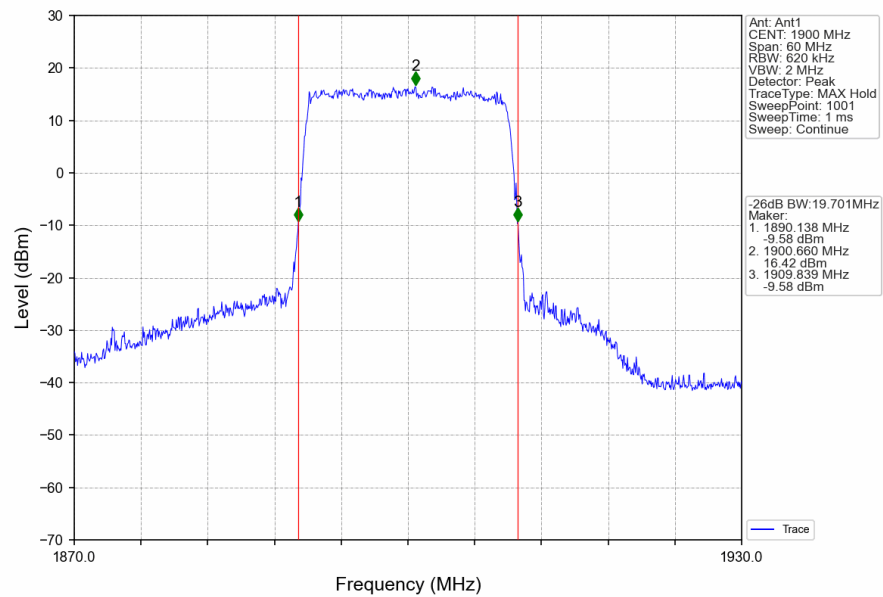
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



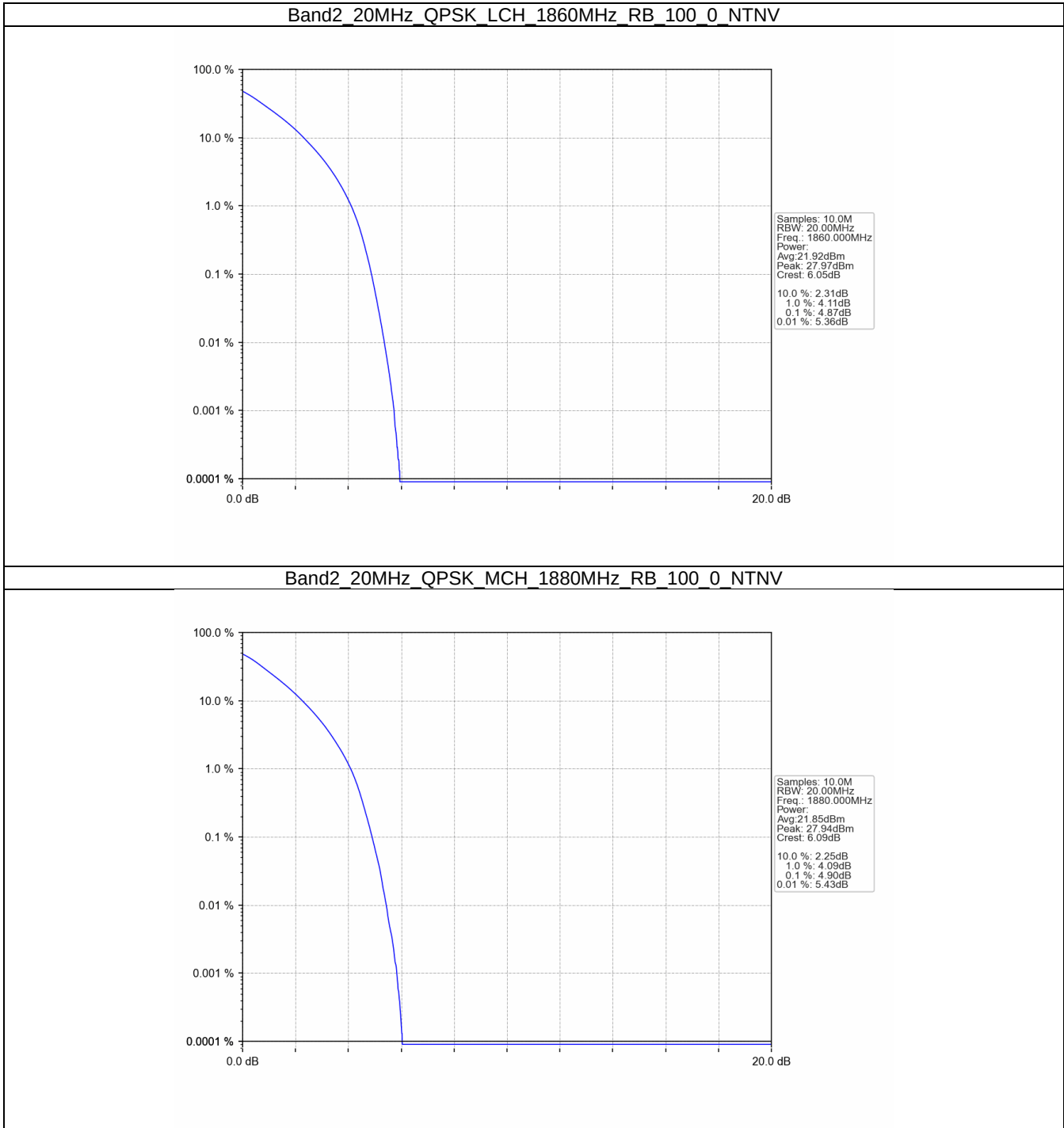
4. Peak-Average Ratio

4.1 B2_20MHz

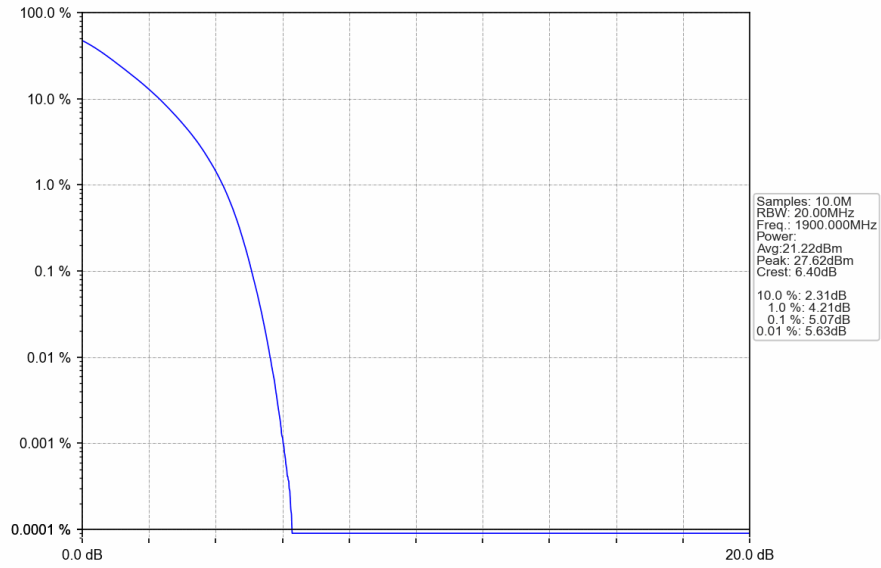
4.1.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	4.87	<=13	Pass
	1880	100	0	4.90	<=13	Pass
	1900	100	0	5.07	<=13	Pass
16QAM	1860	100	0	5.76	<=13	Pass
	1880	100	0	5.69	<=13	Pass
	1900	100	0	5.87	<=13	Pass

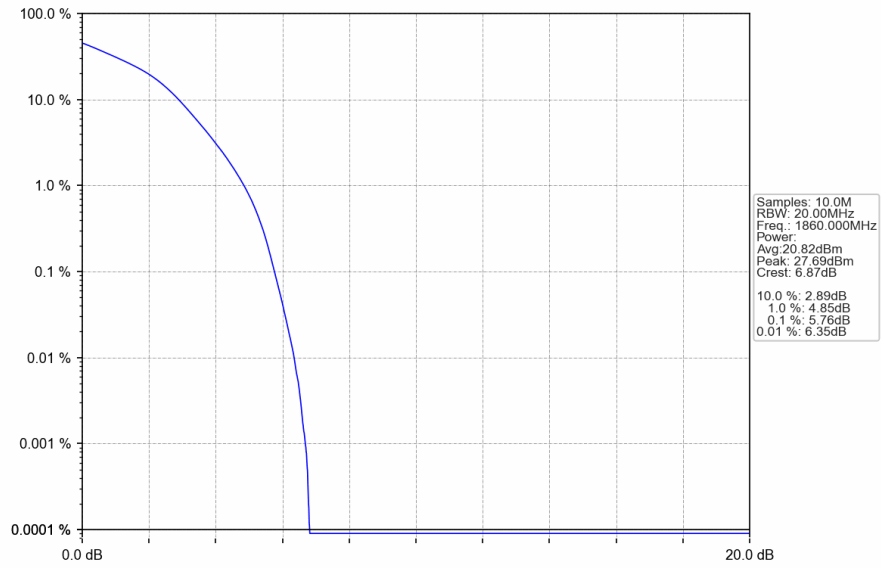
4.1.2 Test Graph



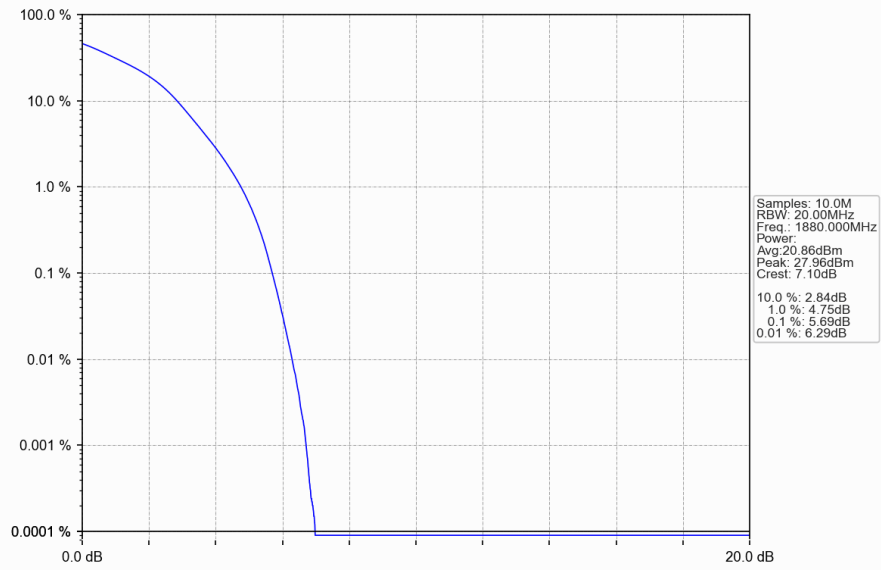
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



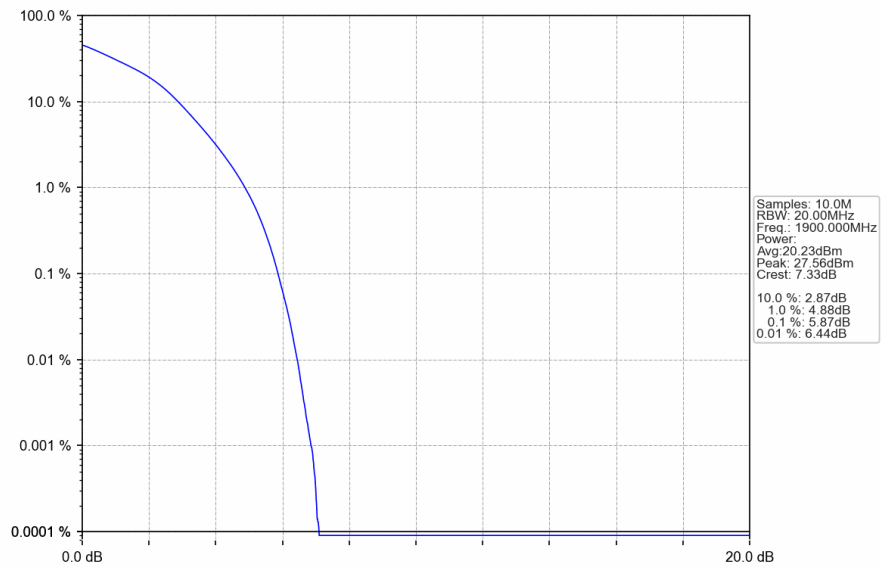
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



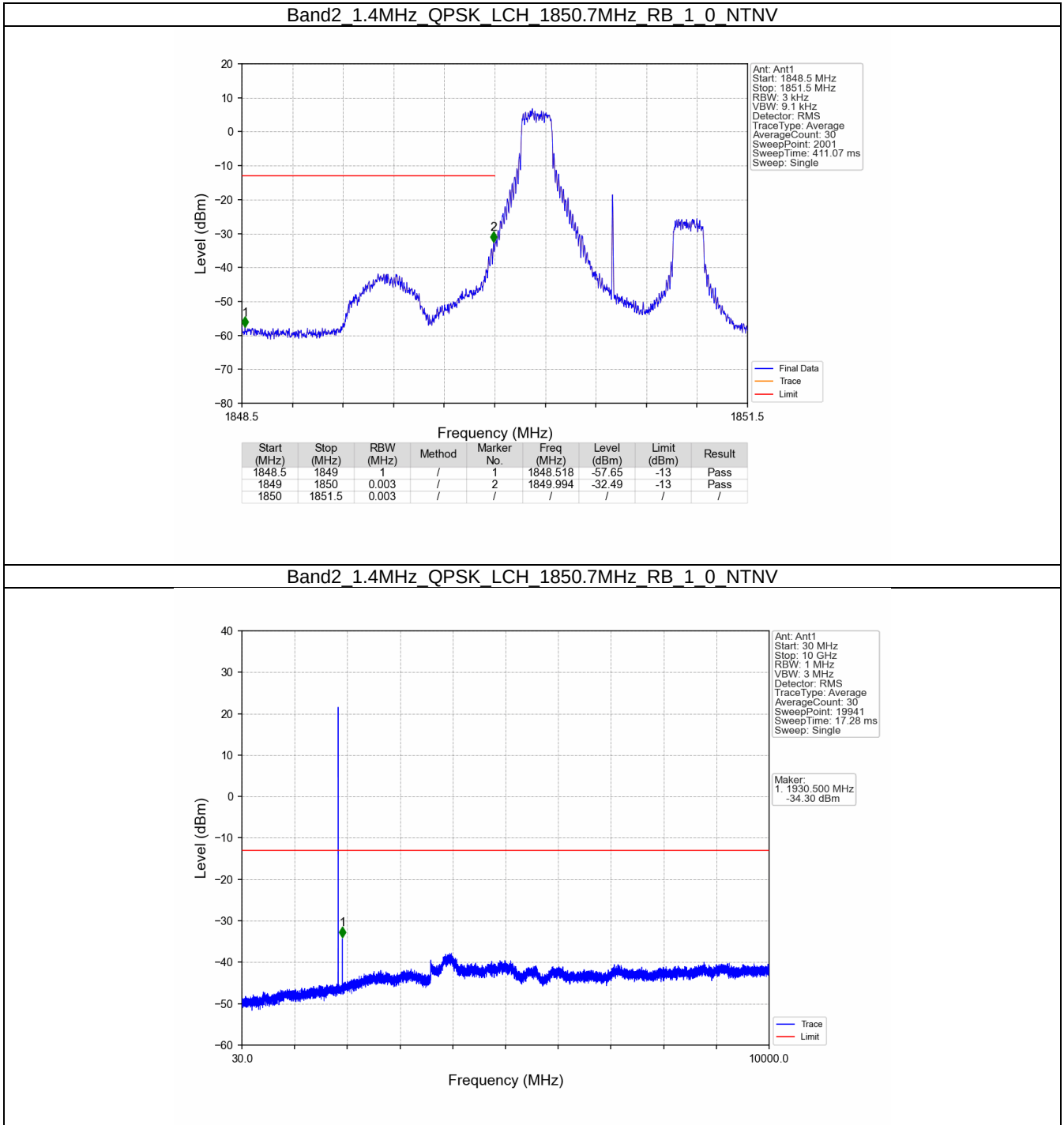
5. Spurious Emission

5.1 B2_1.4MHz

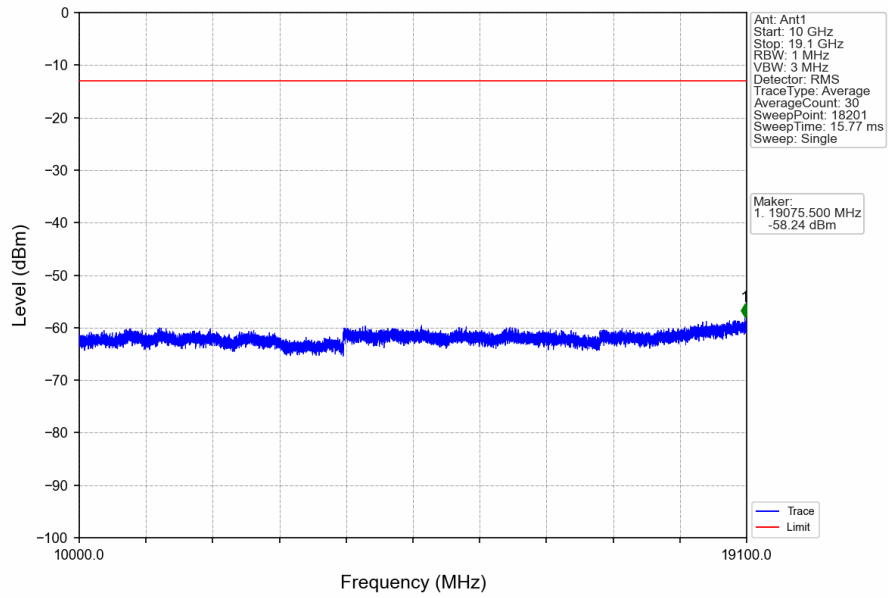
5.1.1 Test Result

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

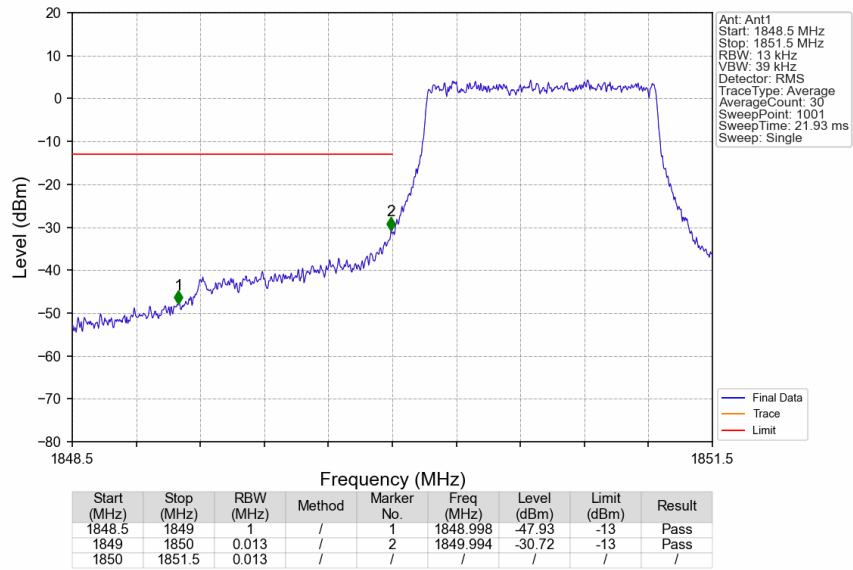
5.1.2 Test Graph



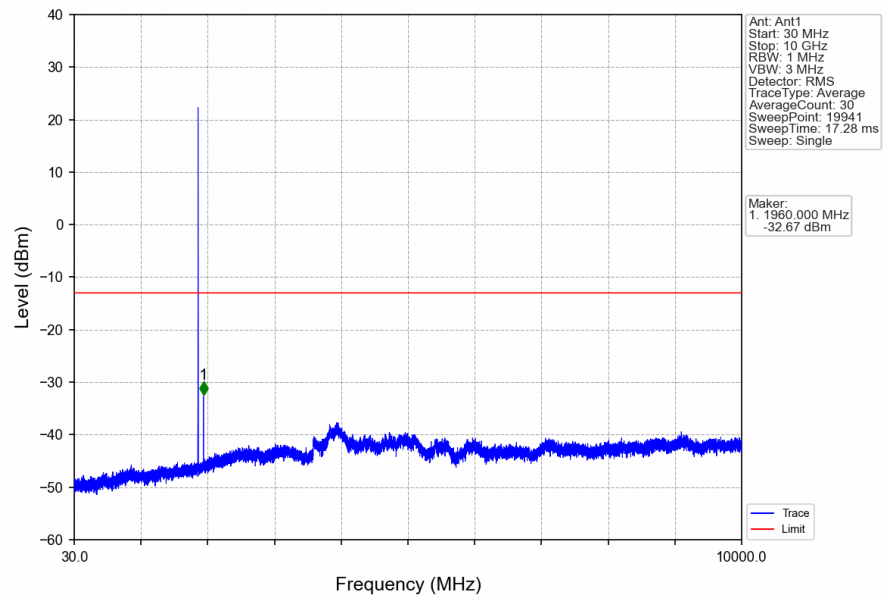
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



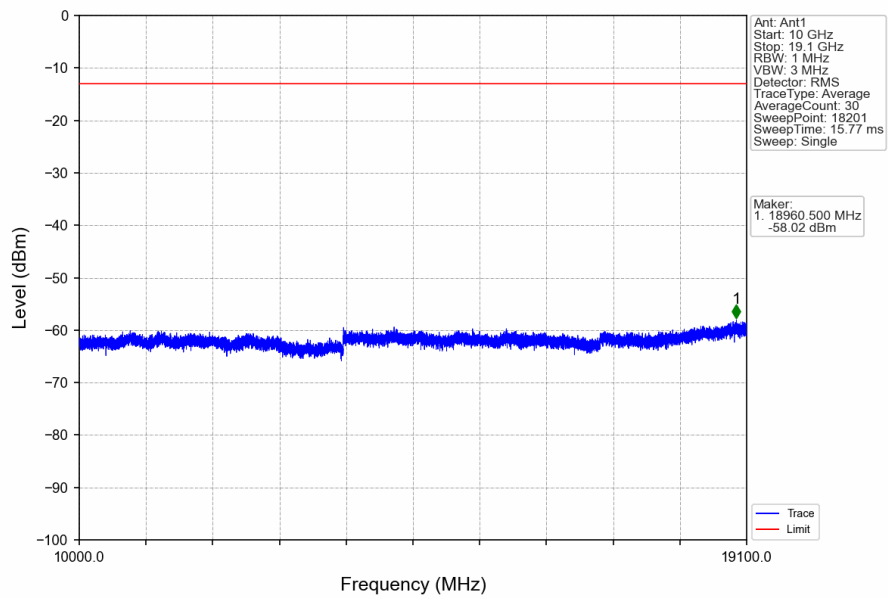
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



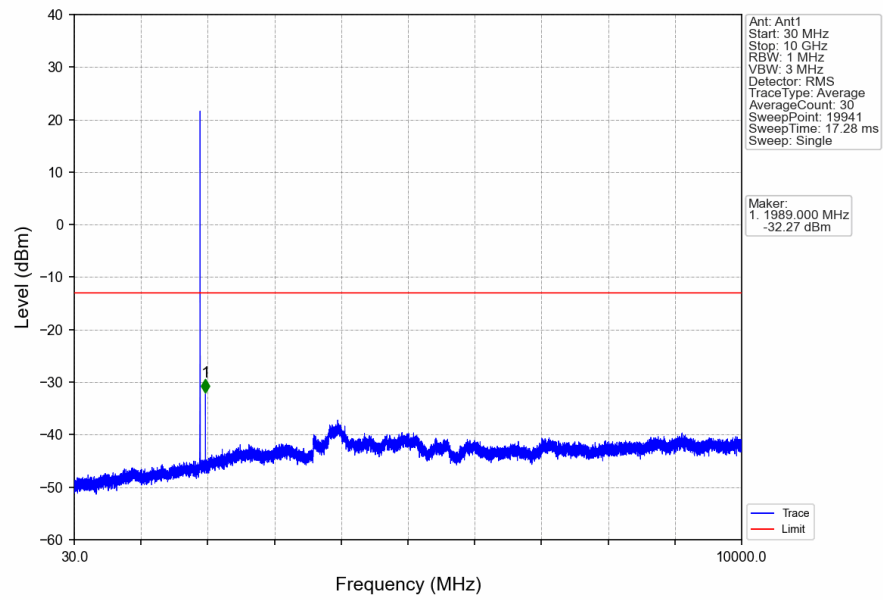
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



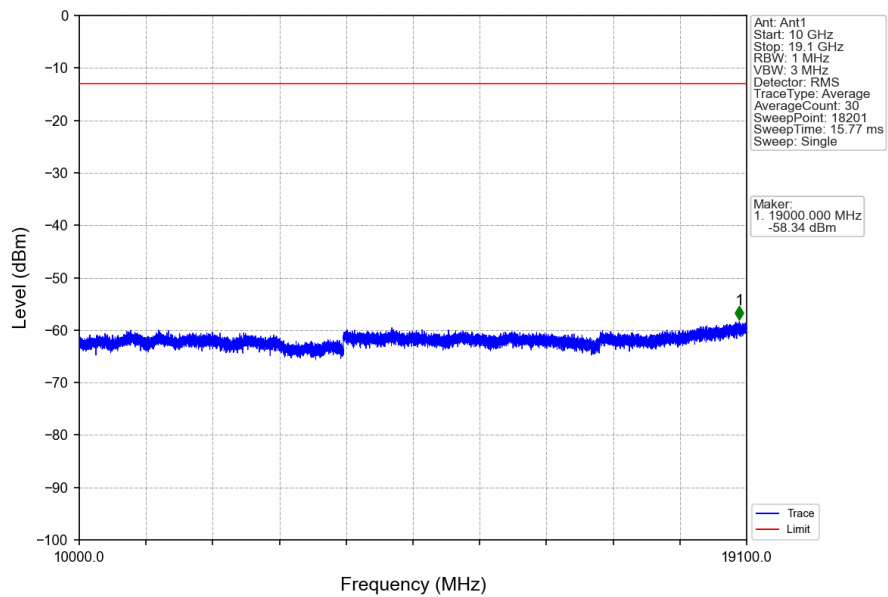
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



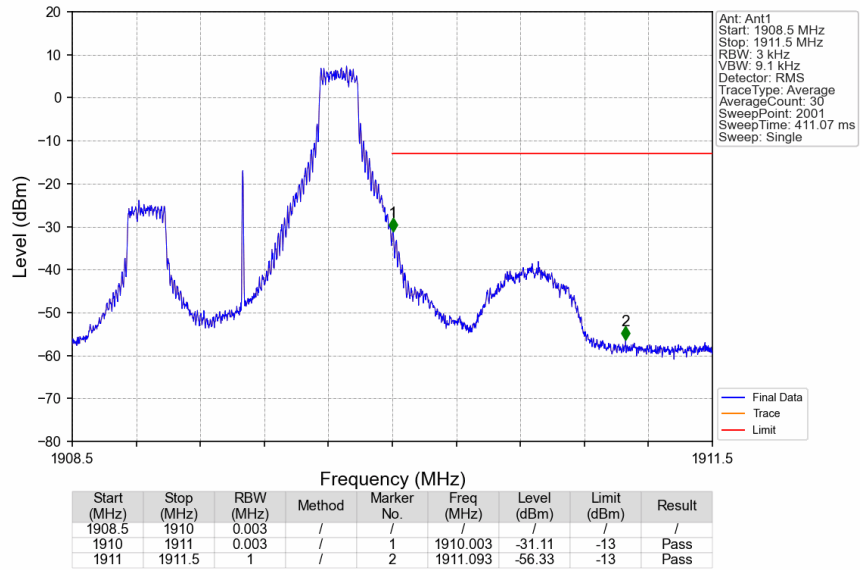
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



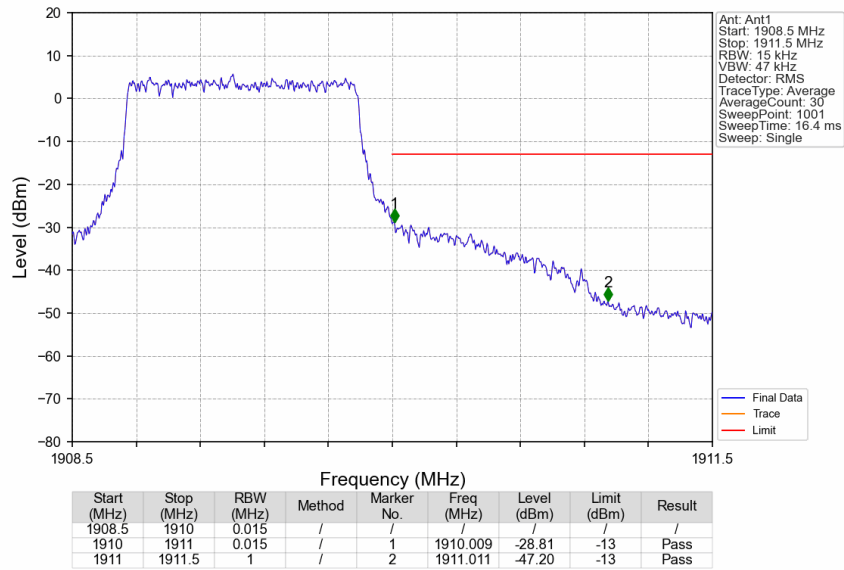
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

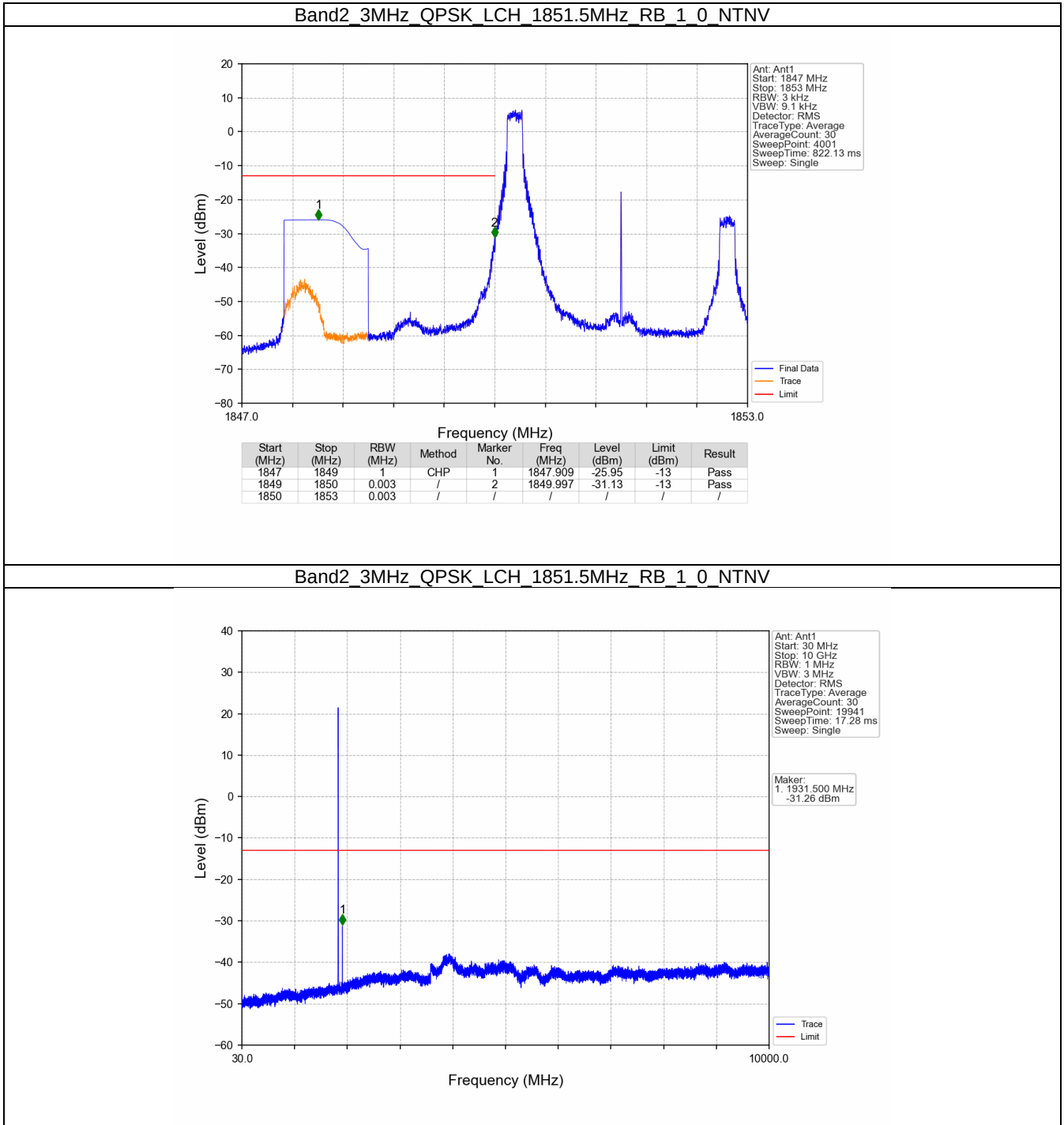


5.2 B2_3MHz

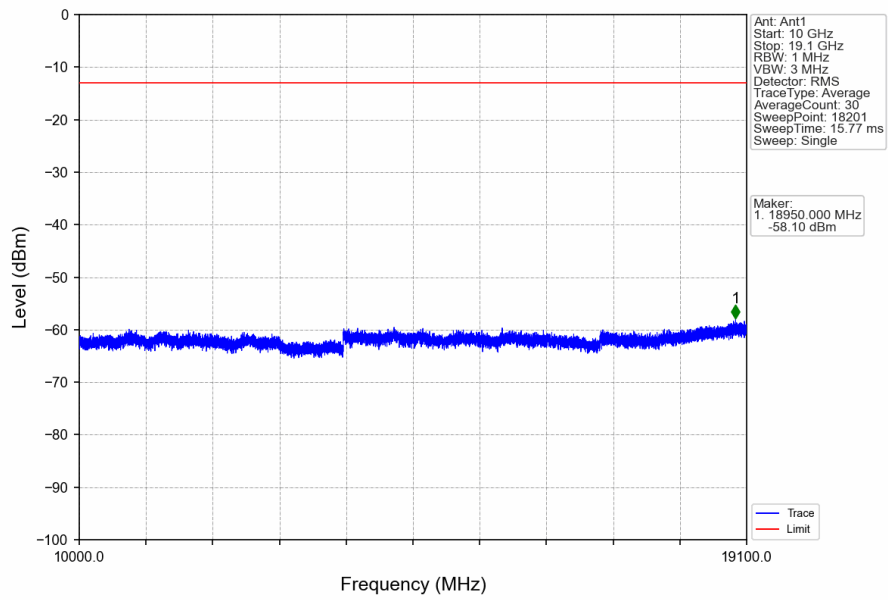
5.2.1 Test Result

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



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

