

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

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	22.29	3.17	25.46	<=33.01	Pass
			2	22.25	3.17	25.42	<=33.01	Pass
			5	22.21	3.17	25.38	<=33.01	Pass
		3	0	22.11	3.17	25.28	<=33.01	Pass
			2	22.09	3.17	25.26	<=33.01	Pass
			3	22.08	3.17	25.25	<=33.01	Pass
		6	0	21.15	3.17	24.32	<=33.01	Pass
	1880	1	0	22.83	3.17	26.00	<=33.01	Pass
			2	22.84	3.17	26.01	<=33.01	Pass
			5	22.67	3.17	25.84	<=33.01	Pass
		3	0	22.73	3.17	25.90	<=33.01	Pass
			2	22.64	3.17	25.81	<=33.01	Pass
			3	22.55	3.17	25.72	<=33.01	Pass
		6	0	21.81	3.17	24.98	<=33.01	Pass
	1909.3	1	0	21.17	3.17	24.34	<=33.01	Pass
			2	21.16	3.17	24.33	<=33.01	Pass
			5	20.92	3.17	24.09	<=33.01	Pass
		3	0	21.05	3.17	24.22	<=33.01	Pass
			2	20.91	3.17	24.08	<=33.01	Pass
			3	20.90	3.17	24.07	<=33.01	Pass
		6	0	19.97	3.17	23.14	<=33.01	Pass
16QAM	1850.7	1	0	21.11	3.17	24.28	<=33.01	Pass
			2	21.00	3.17	24.17	<=33.01	Pass
			5	20.89	3.17	24.06	<=33.01	Pass
		3	0	21.23	3.17	24.40	<=33.01	Pass
			2	21.28	3.17	24.45	<=33.01	Pass
			3	21.19	3.17	24.36	<=33.01	Pass
		6	0	20.07	3.17	23.24	<=33.01	Pass
	1880	1	0	21.87	3.17	25.04	<=33.01	Pass
			2	21.80	3.17	24.97	<=33.01	Pass
			5	21.68	3.17	24.85	<=33.01	Pass
		3	0	21.76	3.17	24.93	<=33.01	Pass
			2	21.67	3.17	24.84	<=33.01	Pass
			3	21.61	3.17	24.78	<=33.01	Pass
		6	0	20.74	3.17	23.91	<=33.01	Pass
	1909.3	1	0	20.17	3.17	23.34	<=33.01	Pass
			2	20.07	3.17	23.24	<=33.01	Pass
			5	19.92	3.17	23.09	<=33.01	Pass
		3	0	19.98	3.17	23.15	<=33.01	Pass
2			19.89	3.17	23.06	<=33.01	Pass	
3			19.81	3.17	22.98	<=33.01	Pass	
6		0	19.03	3.17	22.20	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B2_3MHz_EIRP

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	21.76	3.17	24.93	<=33.01	Pass
			7	21.66	3.17	24.83	<=33.01	Pass
			14	21.51	3.17	24.68	<=33.01	Pass

		8	0	20.71	3.17	23.88	<=33.01	Pass
			4	20.64	3.17	23.81	<=33.01	Pass
			7	20.56	3.17	23.73	<=33.01	Pass
		15	0	20.71	3.17	23.88	<=33.01	Pass
			0	22.61	3.17	25.78	<=33.01	Pass
			7	22.51	3.17	25.68	<=33.01	Pass
	1880	1	14	22.10	3.17	25.27	<=33.01	Pass
			0	21.44	3.17	24.61	<=33.01	Pass
			4	21.37	3.17	24.54	<=33.01	Pass
		8	7	21.23	3.17	24.40	<=33.01	Pass
			0	21.32	3.17	24.49	<=33.01	Pass
			7	21.23	3.17	24.40	<=33.01	Pass
		15	0	21.65	3.17	24.82	<=33.01	Pass
			7	21.21	3.17	24.38	<=33.01	Pass
			14	20.64	3.17	23.81	<=33.01	Pass
	1908.5	1	0	21.14	3.17	24.31	<=33.01	Pass
			4	20.89	3.17	24.06	<=33.01	Pass
			7	20.64	3.17	23.81	<=33.01	Pass
		8	0	20.86	3.17	24.03	<=33.01	Pass
			0	20.52	3.17	23.69	<=33.01	Pass
			7	20.56	3.17	23.73	<=33.01	Pass
		15	14	20.35	3.17	23.52	<=33.01	Pass
			0	19.69	3.17	22.86	<=33.01	Pass
			4	19.69	3.17	22.86	<=33.01	Pass
16QAM	1851.5	1	7	19.59	3.17	22.76	<=33.01	Pass
			0	19.68	3.17	22.85	<=33.01	Pass
			7	21.47	3.17	24.64	<=33.01	Pass
		8	7	21.43	3.17	24.60	<=33.01	Pass
			14	21.03	3.17	24.20	<=33.01	Pass
			0	20.65	3.17	23.82	<=33.01	Pass
		15	4	20.58	3.17	23.75	<=33.01	Pass
			7	20.46	3.17	23.63	<=33.01	Pass
			0	20.51	3.17	23.68	<=33.01	Pass
	1880	1	0	21.43	3.17	24.60	<=33.01	Pass
			7	21.06	3.17	24.23	<=33.01	Pass
			14	20.56	3.17	23.73	<=33.01	Pass
		8	0	20.11	3.17	23.28	<=33.01	Pass
			4	19.90	3.17	23.07	<=33.01	Pass
			7	19.69	3.17	22.86	<=33.01	Pass
		15	0	19.86	3.17	23.03	<=33.01	Pass
			0	19.86	3.17	23.03	<=33.01	Pass
			0	19.86	3.17	23.03	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2_5MHz_EIRP

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	21.85	3.17	25.02	<=33.01	Pass
			13	21.60	3.17	24.77	<=33.01	Pass
			24	21.74	3.17	24.91	<=33.01	Pass
		12	0	20.70	3.17	23.87	<=33.01	Pass
			6	20.64	3.17	23.81	<=33.01	Pass
			13	20.66	3.17	23.83	<=33.01	Pass
		25	0	20.63	3.17	23.80	<=33.01	Pass
			0	22.84	3.17	26.01	<=33.01	Pass
			13	22.47	3.17	25.64	<=33.01	Pass
	1880	1	24	21.92	3.17	25.09	<=33.01	Pass
			0	21.61	3.17	24.78	<=33.01	Pass
			6	21.43	3.17	24.60	<=33.01	Pass
		12	13	21.21	3.17	24.38	<=33.01	Pass
			0	21.43	3.17	24.60	<=33.01	Pass
			13	21.43	3.17	24.60	<=33.01	Pass
		25	0	21.43	3.17	24.60	<=33.01	Pass
			0	22.53	3.17	25.70	<=33.01	Pass
			13	22.09	3.17	25.26	<=33.01	Pass

16QAM	1852.5	12	24	21.37	3.17	24.54	<=33.01	Pass
			0	21.66	3.17	24.83	<=33.01	Pass
			6	21.18	3.17	24.35	<=33.01	Pass
			13	20.71	3.17	23.88	<=33.01	Pass
		25	0	21.17	3.17	24.34	<=33.01	Pass
	1880	1	0	21.13	3.17	24.30	<=33.01	Pass
			13	21.02	3.17	24.19	<=33.01	Pass
			24	21.06	3.17	24.23	<=33.01	Pass
		12	0	19.88	3.17	23.05	<=33.01	Pass
			6	19.85	3.17	23.02	<=33.01	Pass
			13	19.90	3.17	23.07	<=33.01	Pass
		25	0	19.92	3.17	23.09	<=33.01	Pass
		1	0	21.87	3.17	25.04	<=33.01	Pass
			13	21.55	3.17	24.72	<=33.01	Pass
			24	21.06	3.17	24.23	<=33.01	Pass
		12	0	20.80	3.17	23.97	<=33.01	Pass
			6	20.53	3.17	23.70	<=33.01	Pass
			13	20.33	3.17	23.50	<=33.01	Pass
		25	0	20.54	3.17	23.71	<=33.01	Pass
	1907.5	1	0	22.23	3.17	25.40	<=33.01	Pass
			13	21.17	3.17	24.34	<=33.01	Pass
			24	20.49	3.17	23.66	<=33.01	Pass
		12	0	20.75	3.17	23.92	<=33.01	Pass
			6	20.29	3.17	23.46	<=33.01	Pass
			13	19.83	3.17	23.00	<=33.01	Pass
		25	0	20.36	3.17	23.53	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	22.07	3.17	25.24	<=33.01	Pass
			25	21.98	3.17	25.15	<=33.01	Pass
			49	22.18	3.17	25.35	<=33.01	Pass
		25	0	20.74	3.17	23.91	<=33.01	Pass
			13	20.73	3.17	23.90	<=33.01	Pass
			25	20.96	3.17	24.13	<=33.01	Pass
		50	0	20.89	3.17	24.06	<=33.01	Pass
	1880	1	0	23.27	3.17	26.44	<=33.01	Pass
			25	22.55	3.17	25.72	<=33.01	Pass
			49	21.64	3.17	24.81	<=33.01	Pass
		25	0	21.79	3.17	24.96	<=33.01	Pass
			13	21.43	3.17	24.60	<=33.01	Pass
			25	20.99	3.17	24.16	<=33.01	Pass
		50	0	21.44	3.17	24.61	<=33.01	Pass
	1905	1	0	23.91	3.17	27.08	<=33.01	Pass
			25	23.27	3.17	26.44	<=33.01	Pass
			49	21.58	3.17	24.75	<=33.01	Pass
		25	0	22.55	3.17	25.72	<=33.01	Pass
			13	22.22	3.17	25.39	<=33.01	Pass
			25	21.48	3.17	24.65	<=33.01	Pass
		50	0	22.08	3.17	25.25	<=33.01	Pass
16QAM	1855	1	0	20.66	3.17	23.83	<=33.01	Pass
			25	20.62	3.17	23.79	<=33.01	Pass
			49	20.94	3.17	24.11	<=33.01	Pass
		12	0	20.74	3.17	23.91	<=33.01	Pass
			19	20.77	3.17	23.94	<=33.01	Pass
			38	21.00	3.17	24.17	<=33.01	Pass
		27	0	19.86	3.17	23.03	<=33.01	Pass
	1880	1	0	22.18	3.17	25.35	<=33.01	Pass

			25	21.49	3.17	24.66	<=33.01	Pass
			49	20.60	3.17	23.77	<=33.01	Pass
		12	0	21.97	3.17	25.14	<=33.01	Pass
			19	21.45	3.17	24.62	<=33.01	Pass
			38	20.73	3.17	23.90	<=33.01	Pass
		27	0	21.02	3.17	24.19	<=33.01	Pass
	1905	1	0	22.97	3.17	26.14	<=33.01	Pass
			25	22.49	3.17	25.66	<=33.01	Pass
			49	20.83	3.17	24.00	<=33.01	Pass
		12	0	22.62	3.17	25.79	<=33.01	Pass
			19	22.33	3.17	25.50	<=33.01	Pass
			38	20.96	3.17	24.13	<=33.01	Pass
		27	23	20.61	3.17	23.78	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	21.88	3.17	25.05	<=33.01	Pass
			38	21.93	3.17	25.10	<=33.01	Pass
			74	23.04	3.17	26.21	<=33.01	Pass
		36	0	21.06	3.17	24.23	<=33.01	Pass
			18	21.39	3.17	24.56	<=33.01	Pass
			39	21.63	3.17	24.80	<=33.01	Pass
		75	0	21.40	3.17	24.57	<=33.01	Pass
	1880	1	0	23.68	3.17	26.85	<=33.01	Pass
			38	23.11	3.17	26.28	<=33.01	Pass
			74	21.60	3.17	24.77	<=33.01	Pass
		36	0	22.56	3.17	25.73	<=33.01	Pass
			18	22.13	3.17	25.30	<=33.01	Pass
			39	21.48	3.17	24.65	<=33.01	Pass
		75	0	21.99	3.17	25.16	<=33.01	Pass
	1902.5	1	0	22.17	3.17	25.34	<=33.01	Pass
			38	23.03	3.17	26.20	<=33.01	Pass
			74	21.48	3.17	24.65	<=33.01	Pass
		36	0	21.79	3.17	24.96	<=33.01	Pass
			18	22.22	3.17	25.39	<=33.01	Pass
			39	21.80	3.17	24.97	<=33.01	Pass
		75	0	21.90	3.17	25.07	<=33.01	Pass
16QAM	1857.5	1	0	21.52	3.17	24.69	<=33.01	Pass
			38	21.67	3.17	24.84	<=33.01	Pass
			74	22.39	3.17	25.56	<=33.01	Pass
		12	0	21.27	3.17	24.44	<=33.01	Pass
			31	21.31	3.17	24.48	<=33.01	Pass
			63	21.87	3.17	25.04	<=33.01	Pass
		27	0	20.30	3.17	23.47	<=33.01	Pass
	1880	1	0	22.69	3.17	25.86	<=33.01	Pass
			38	21.97	3.17	25.14	<=33.01	Pass
			74	20.61	3.17	23.78	<=33.01	Pass
		12	0	22.59	3.17	25.76	<=33.01	Pass
			31	21.96	3.17	25.13	<=33.01	Pass
			63	20.81	3.17	23.98	<=33.01	Pass
		27	0	21.54	3.17	24.71	<=33.01	Pass
	1902.5	1	0	21.47	3.17	24.64	<=33.01	Pass
			38	22.52	3.17	25.69	<=33.01	Pass
			74	20.83	3.17	24.00	<=33.01	Pass
		12	0	21.37	3.17	24.54	<=33.01	Pass
			31	22.28	3.17	25.45	<=33.01	Pass
			63	21.24	3.17	24.41	<=33.01	Pass
		27	48	20.79	3.17	23.96	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain
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1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.24	3.17	25.41	<=33.01	Pass
			50	22.40	3.17	25.57	<=33.01	Pass
			99	23.46	3.17	26.63	<=33.01	Pass
		50	0	21.36	3.17	24.53	<=33.01	Pass
			25	21.56	3.17	24.73	<=33.01	Pass
			50	22.17	3.17	25.34	<=33.01	Pass
		100	0	21.71	3.17	24.88	<=33.01	Pass
	1880	1	0	23.48	3.17	26.65	<=33.01	Pass
			50	22.82	3.17	25.99	<=33.01	Pass
			99	21.64	3.17	24.81	<=33.01	Pass
		50	0	22.52	3.17	25.69	<=33.01	Pass
			25	21.93	3.17	25.10	<=33.01	Pass
			50	21.10	3.17	24.27	<=33.01	Pass
		100	0	21.88	3.17	25.05	<=33.01	Pass
	1900	1	0	21.29	3.17	24.46	<=33.01	Pass
			50	22.97	3.17	26.14	<=33.01	Pass
			99	21.57	3.17	24.74	<=33.01	Pass
		50	0	21.12	3.17	24.29	<=33.01	Pass
			25	21.80	3.17	24.97	<=33.01	Pass
			50	21.84	3.17	25.01	<=33.01	Pass
		100	0	21.47	3.17	24.64	<=33.01	Pass
16QAM	1860	1	0	21.53	3.17	24.70	<=33.01	Pass
			50	21.85	3.17	25.02	<=33.01	Pass
			99	22.96	3.17	26.13	<=33.01	Pass
		12	0	21.05	3.17	24.22	<=33.01	Pass
			44	21.34	3.17	24.51	<=33.01	Pass
			88	22.36	3.17	25.53	<=33.01	Pass
		27	0	20.12	3.17	23.29	<=33.01	Pass
	1880	1	0	22.96	3.17	26.13	<=33.01	Pass
			50	22.25	3.17	25.42	<=33.01	Pass
			99	20.93	3.17	24.10	<=33.01	Pass
		12	0	22.53	3.17	25.70	<=33.01	Pass
			44	21.80	3.17	24.97	<=33.01	Pass
			88	20.47	3.17	23.64	<=33.01	Pass
		27	0	21.64	3.17	24.81	<=33.01	Pass
	1900	1	0	20.80	3.17	23.97	<=33.01	Pass
			50	22.32	3.17	25.49	<=33.01	Pass
			99	20.63	3.17	23.80	<=33.01	Pass
		12	0	20.43	3.17	23.60	<=33.01	Pass
44			21.97	3.17	25.14	<=33.01	Pass	
88			20.70	3.17	23.87	<=33.01	Pass	
27		73	20.39	3.17	23.56	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1880	50	0	20	3.27	-0.515	-0.0003	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

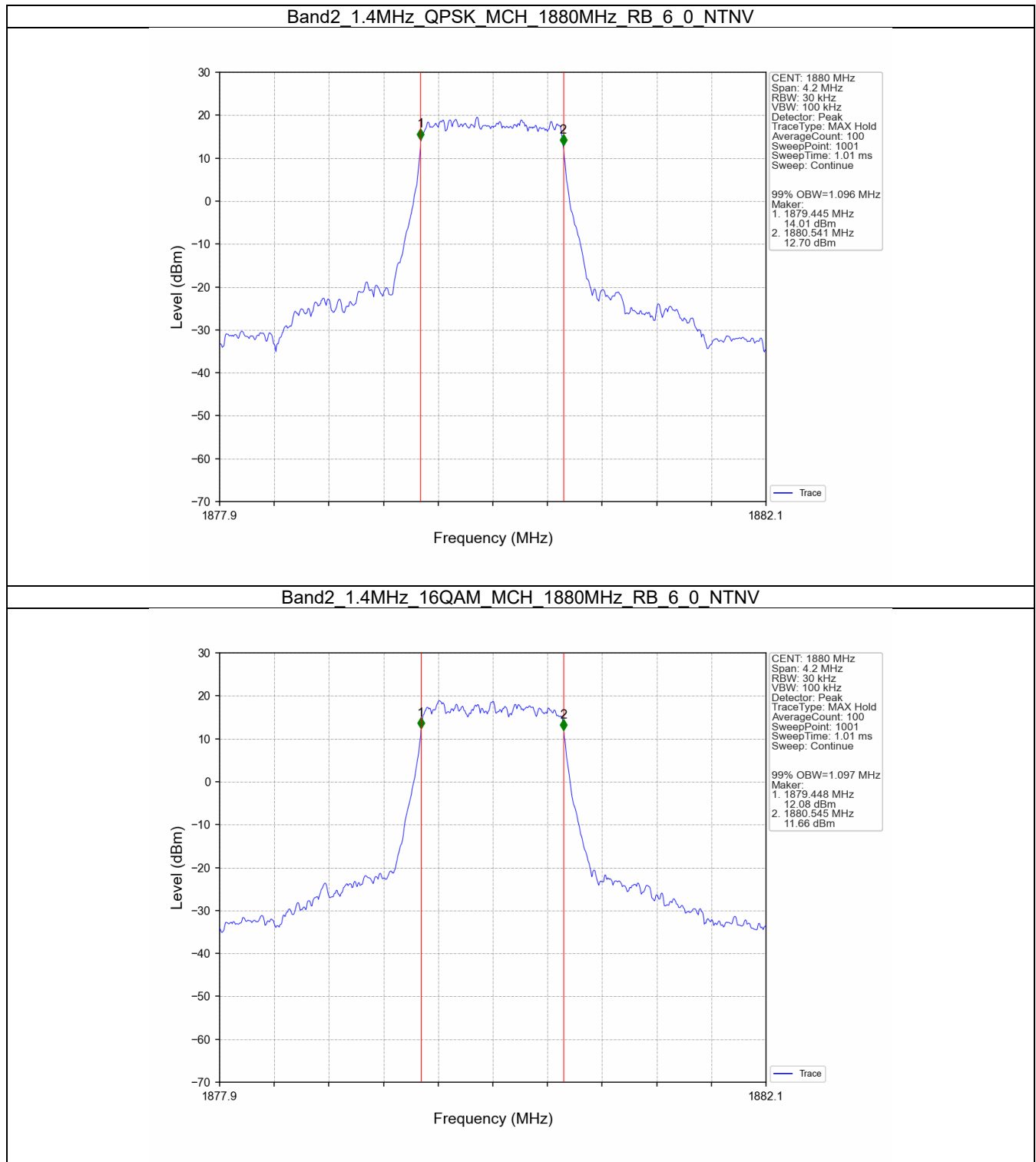
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.096	/	Pass
	16QAM	1880	6	0	1.097	/	Pass
3	QPSK	1880	15	0	2.746	/	Pass
	16QAM	1880	15	0	2.729	/	Pass
5	QPSK	1880	25	0	4.518	/	Pass
	16QAM	1880	25	0	4.506	/	Pass
10	QPSK	1880	50	0	8.993	/	Pass
	16QAM	1880	27	0	5.009	/	Pass
15	QPSK	1880	75	0	13.546	/	Pass
	16QAM	1880	27	0	4.975	/	Pass
20	QPSK	1880	100	0	17.879	/	Pass
	16QAM	1880	27	0	4.990	/	Pass

3.1.2 Band2_XDB

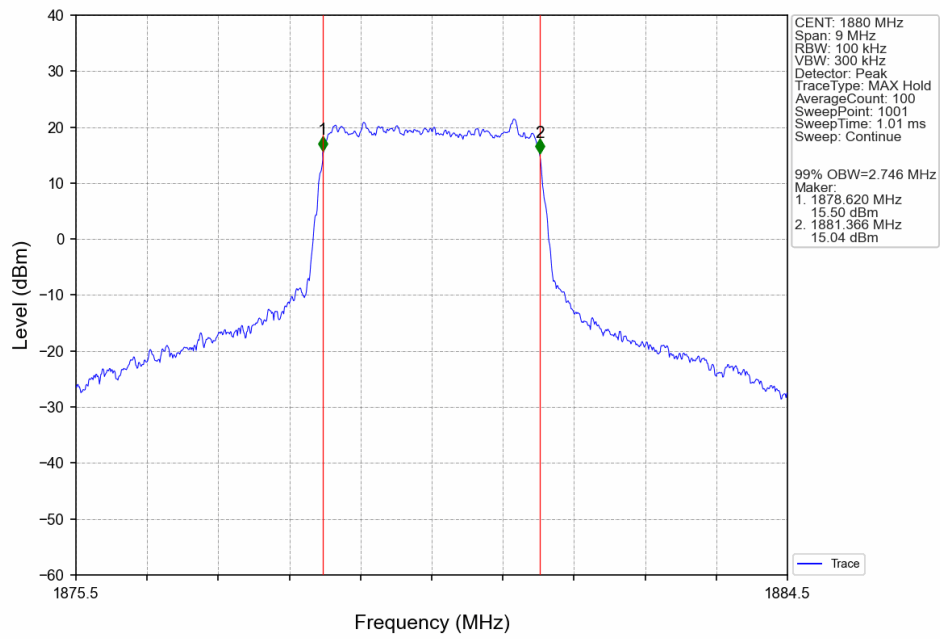
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.298	/	Pass
	16QAM	1880	6	0	1.300	/	Pass
3	QPSK	1880	15	0	3.046	/	Pass
	16QAM	1880	15	0	3.052	/	Pass
5	QPSK	1880	25	0	5.046	/	Pass
	16QAM	1880	25	0	5.026	/	Pass
10	QPSK	1880	50	0	9.982	/	Pass
	16QAM	1880	27	0	6.164	/	Pass
15	QPSK	1880	75	0	14.738	/	Pass
	16QAM	1880	27	0	5.855	/	Pass
20	QPSK	1880	100	0	19.592	/	Pass
	16QAM	1880	27	0	5.999	/	Pass

3.2 Test Graph

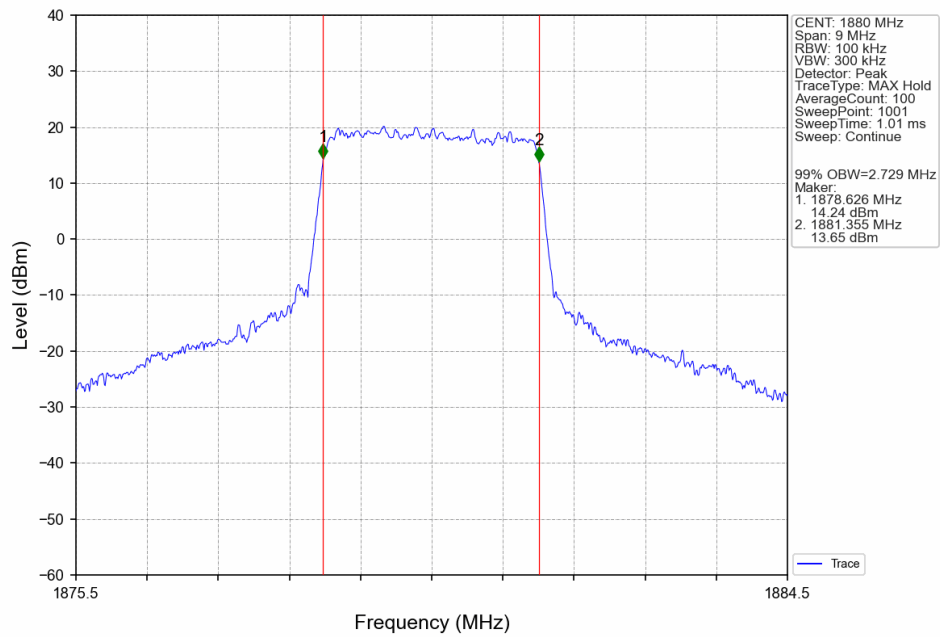
3.2.1 Band2_OBW



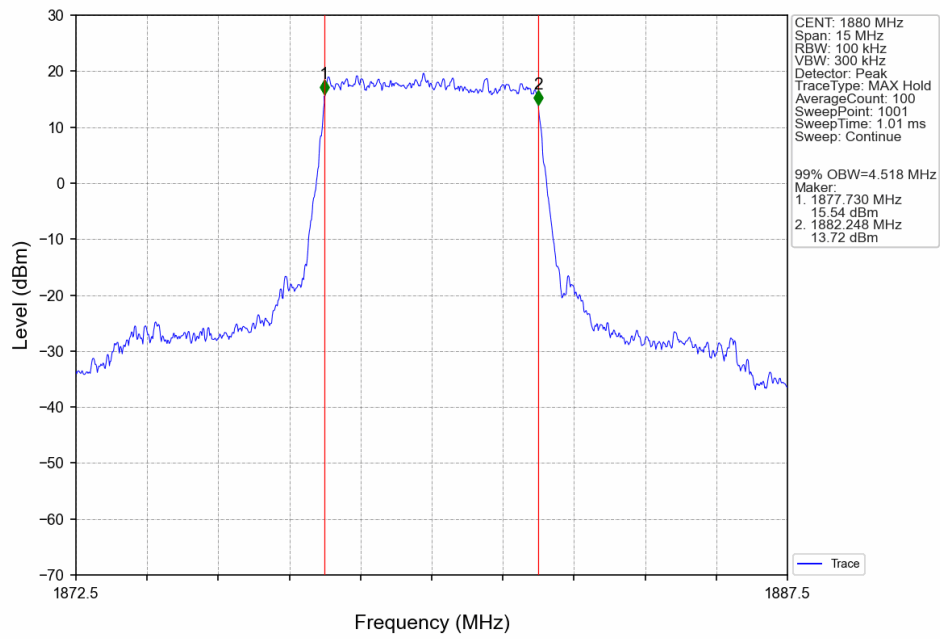
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



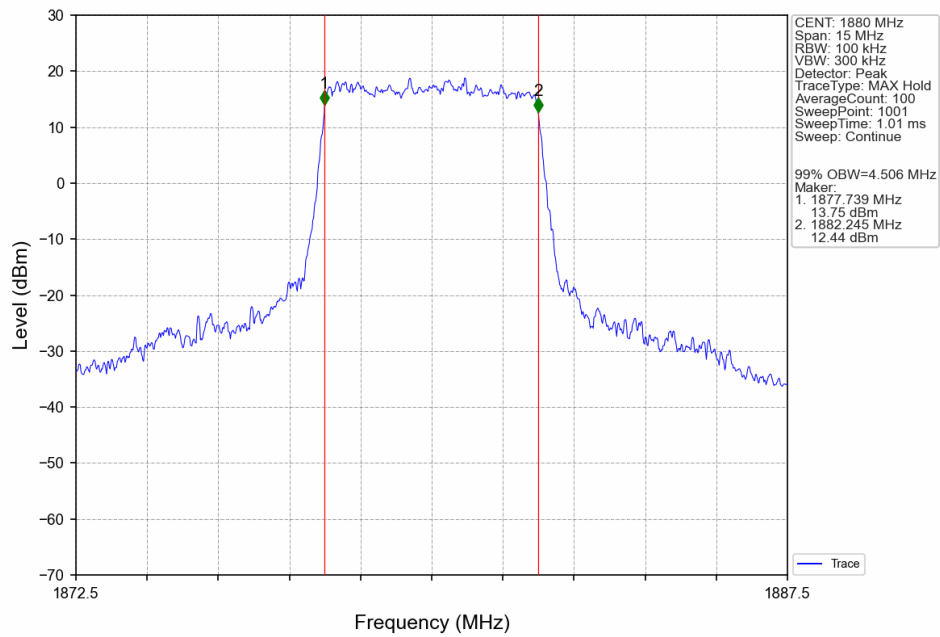
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



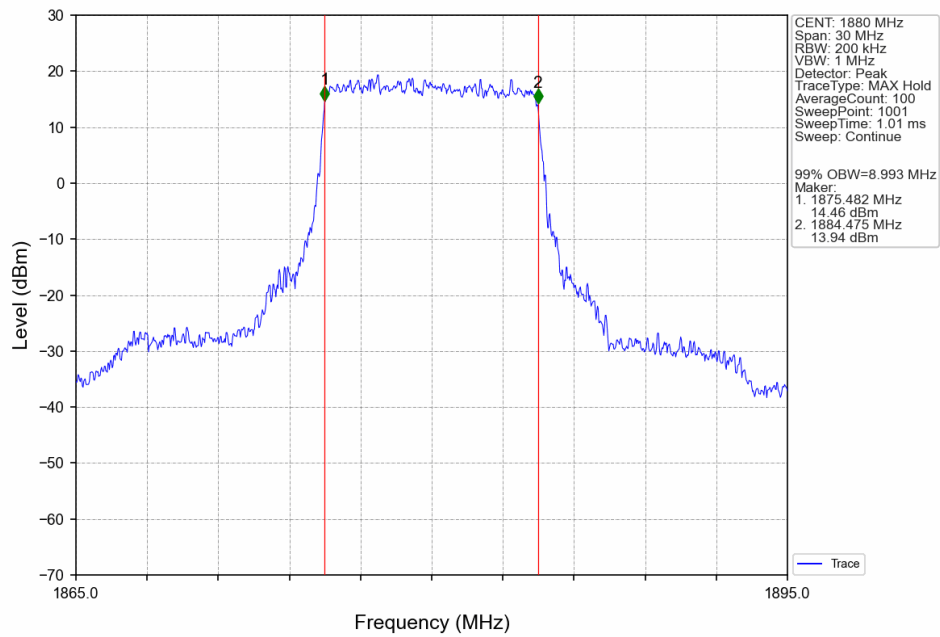
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



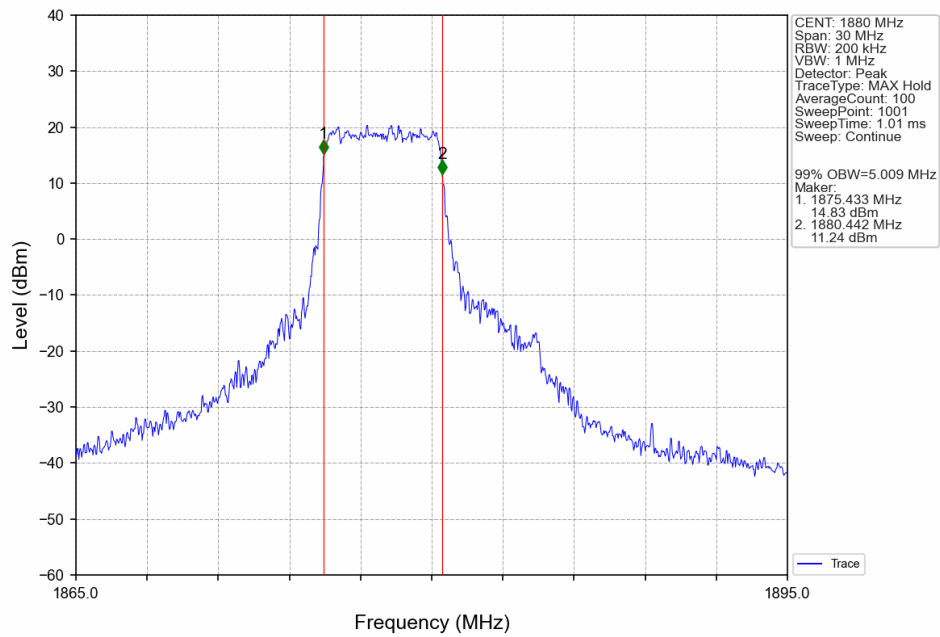
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



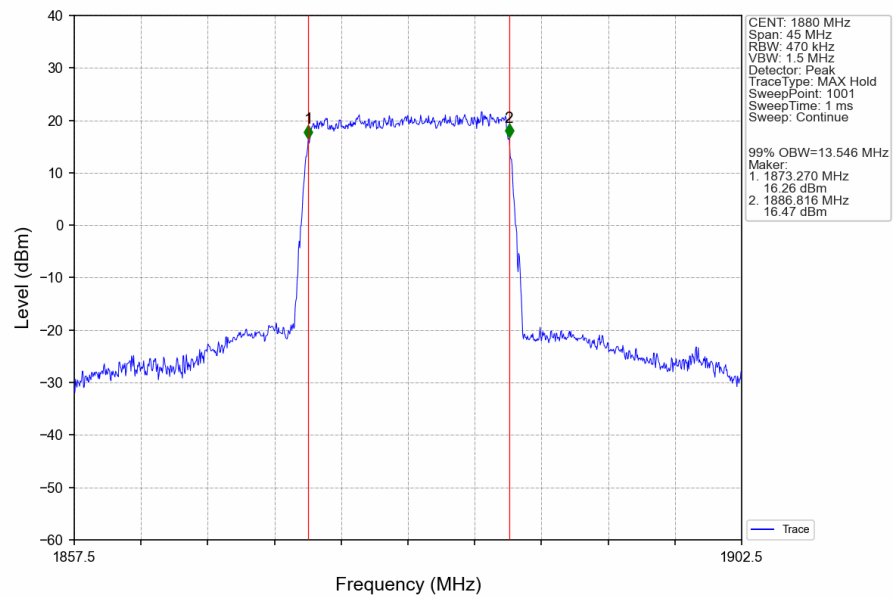
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



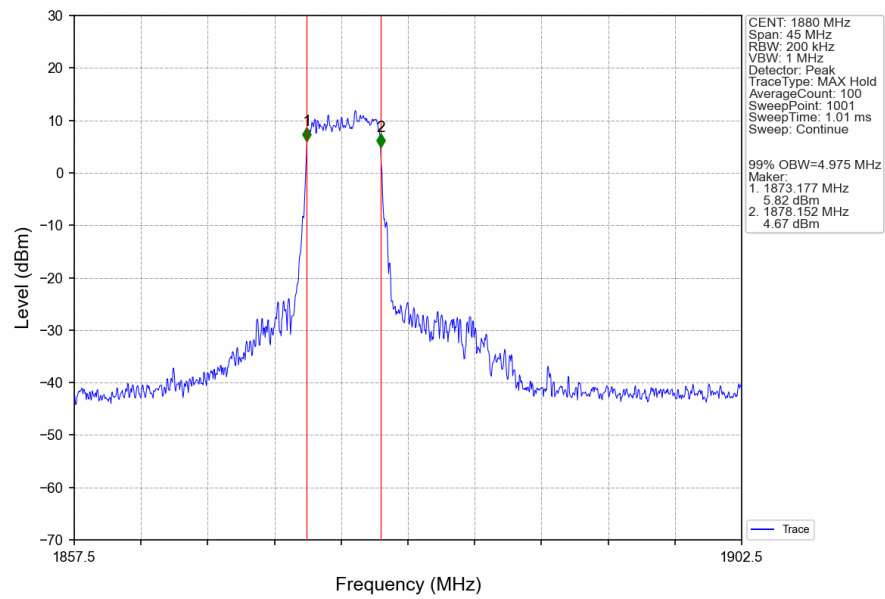
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



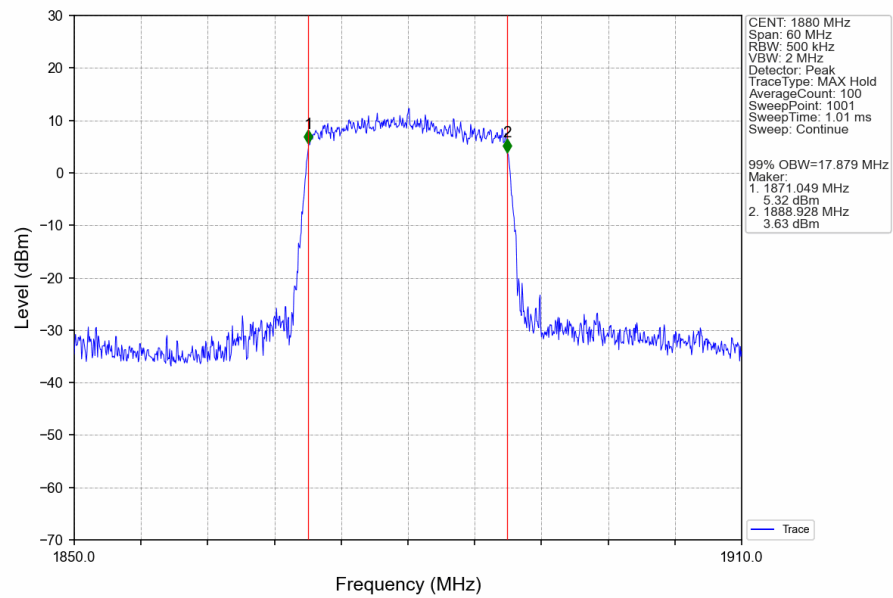
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



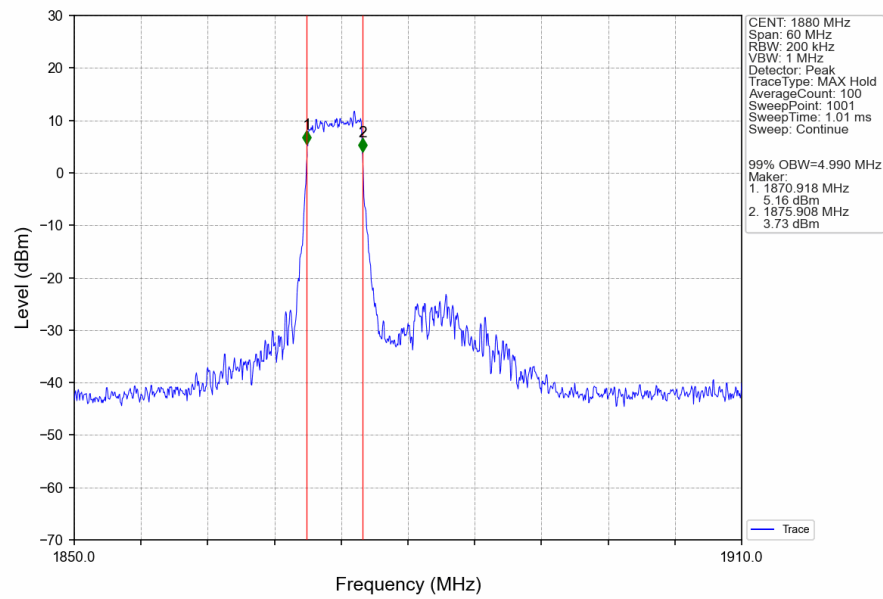
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



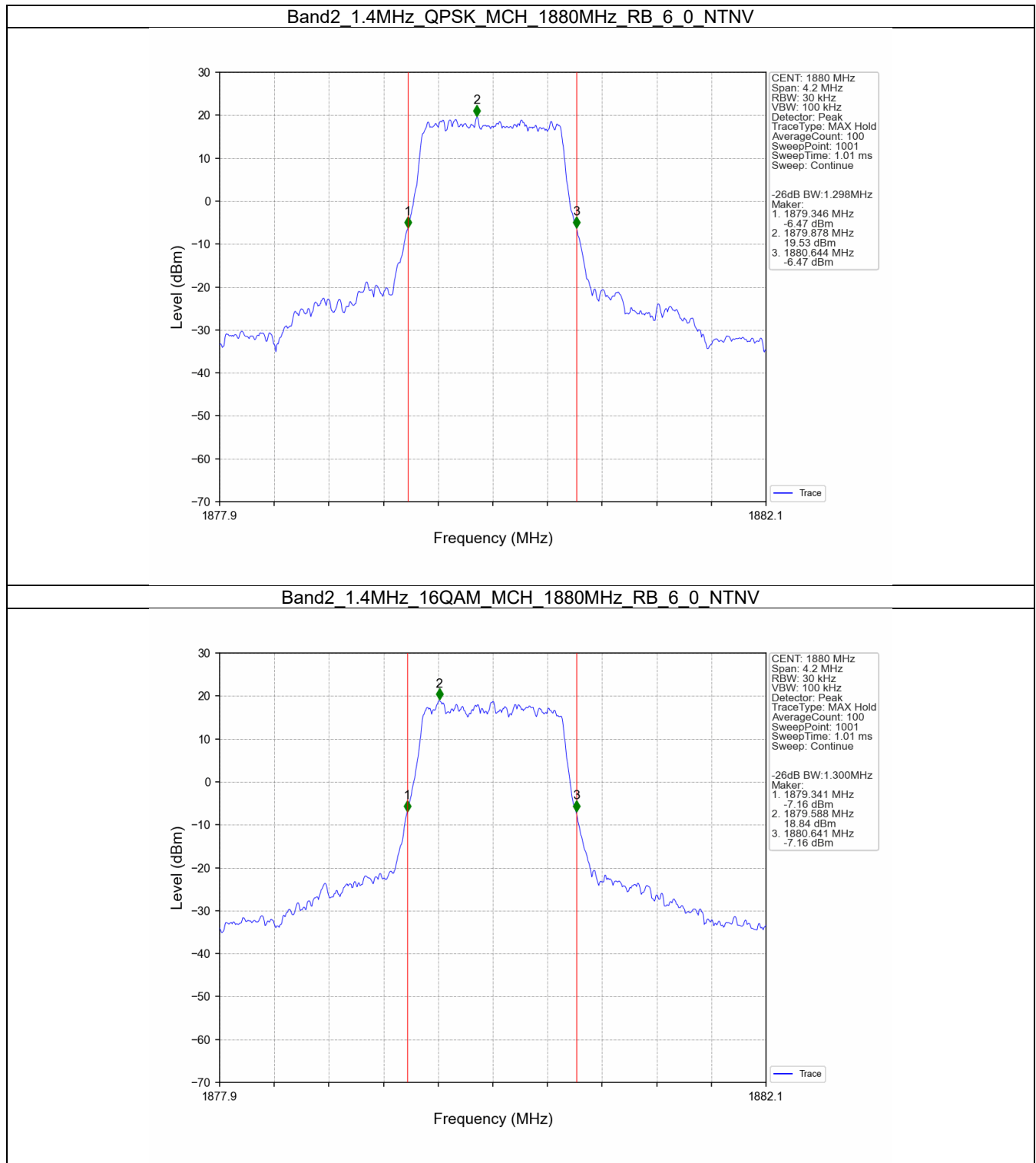
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



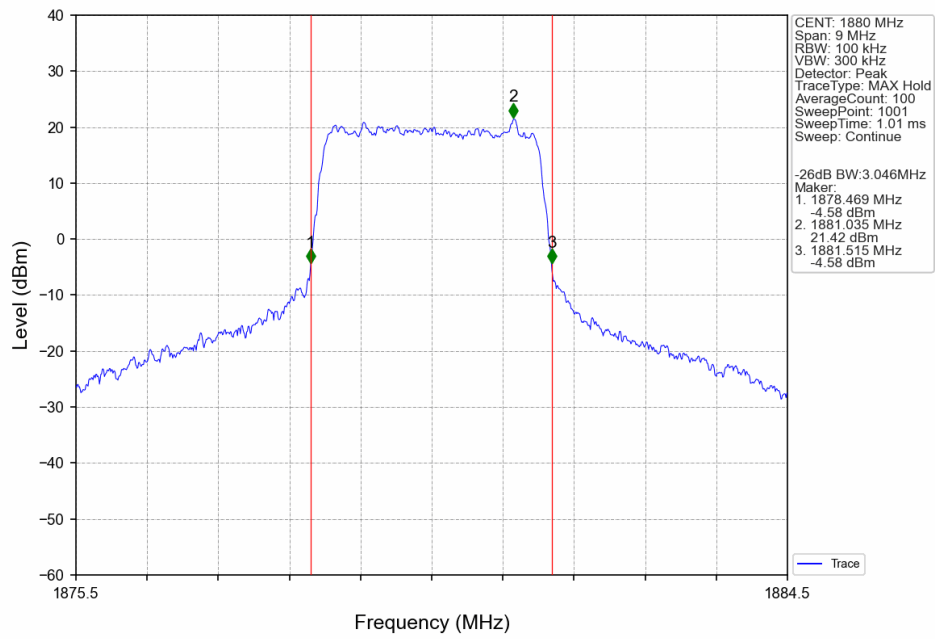
Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



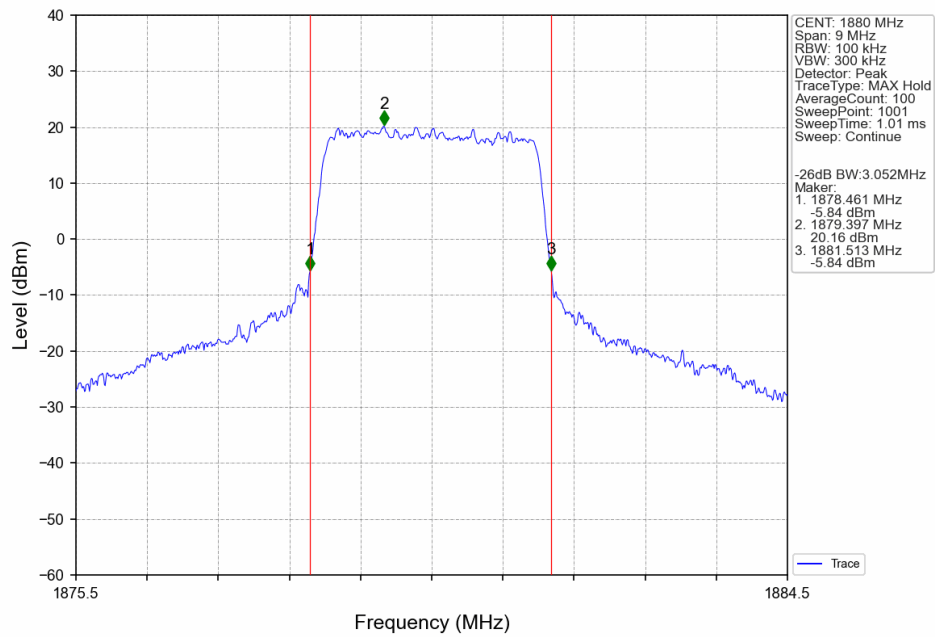
3.2.2 Band2_XDB



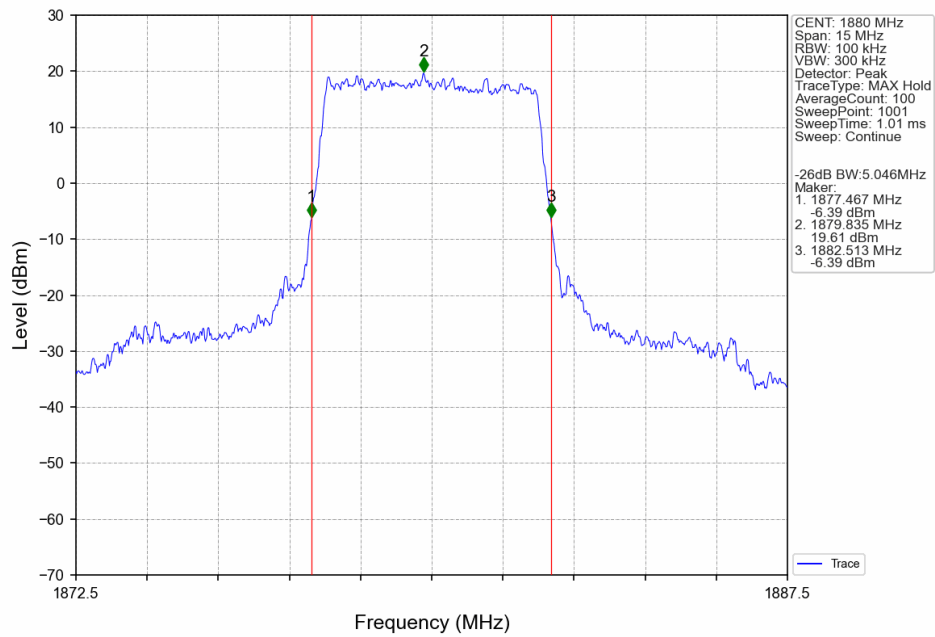
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



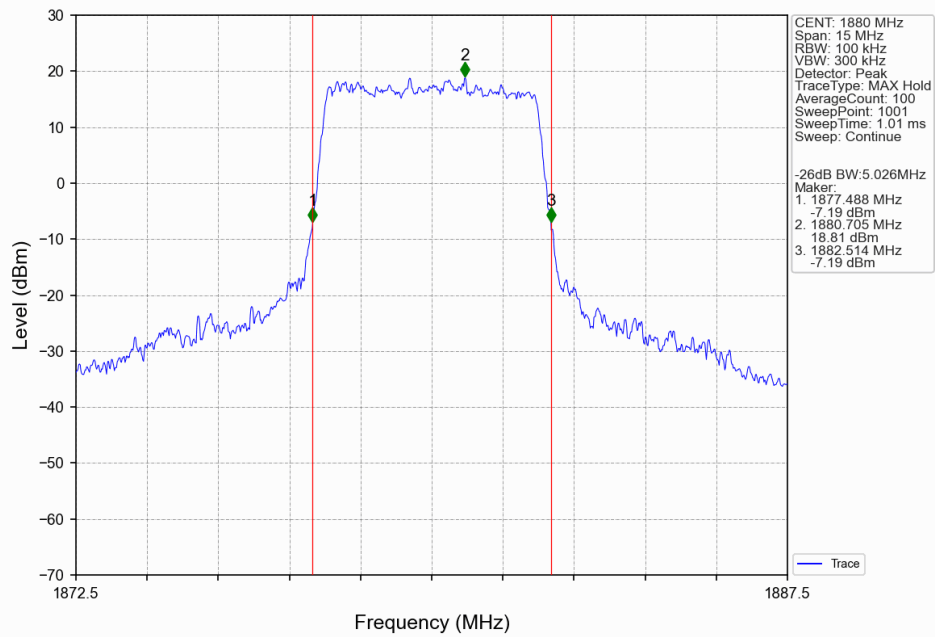
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



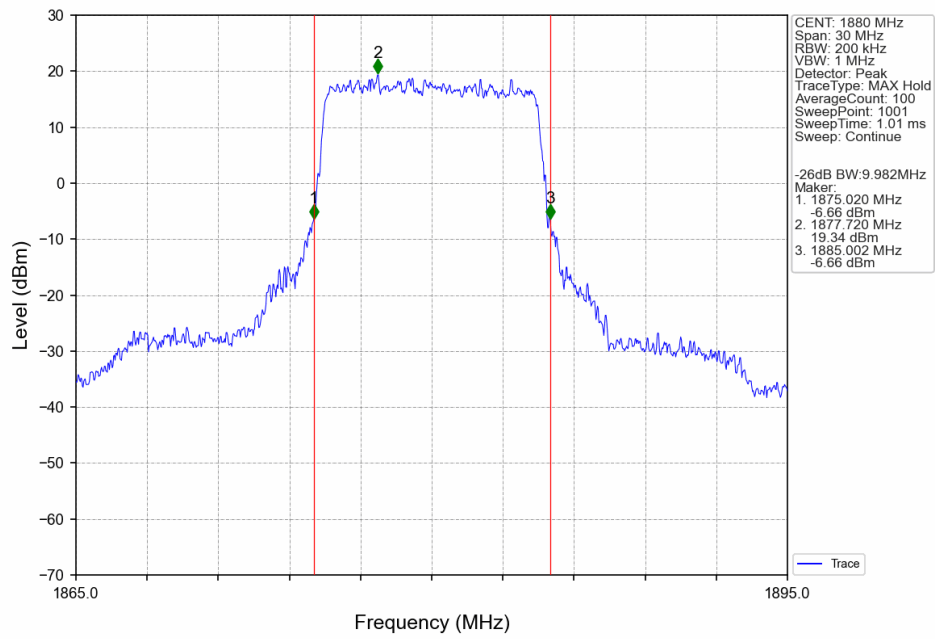
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



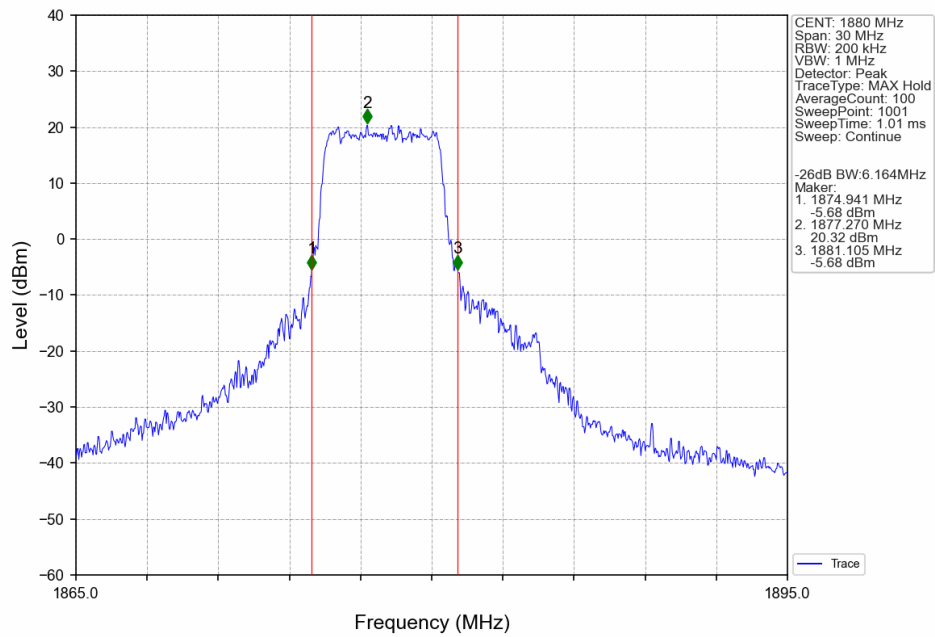
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



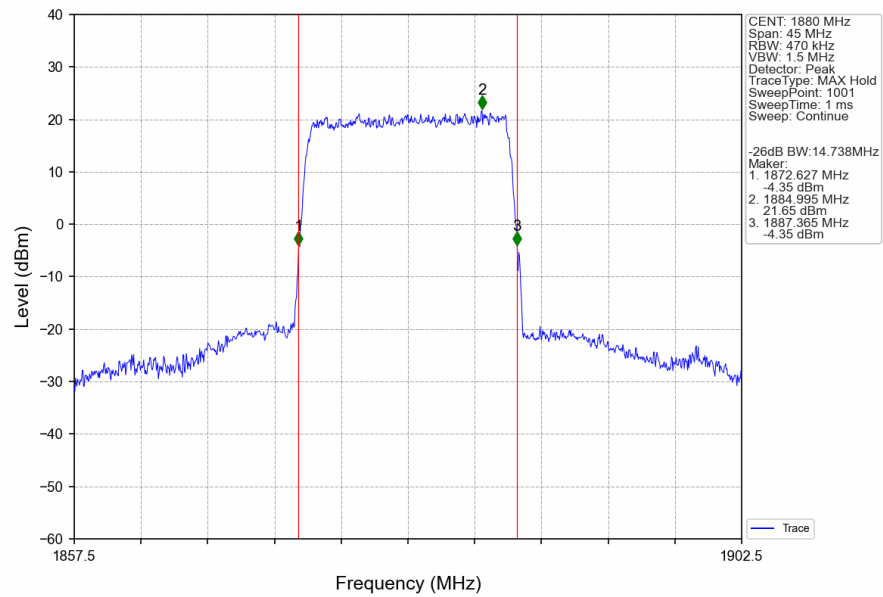
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



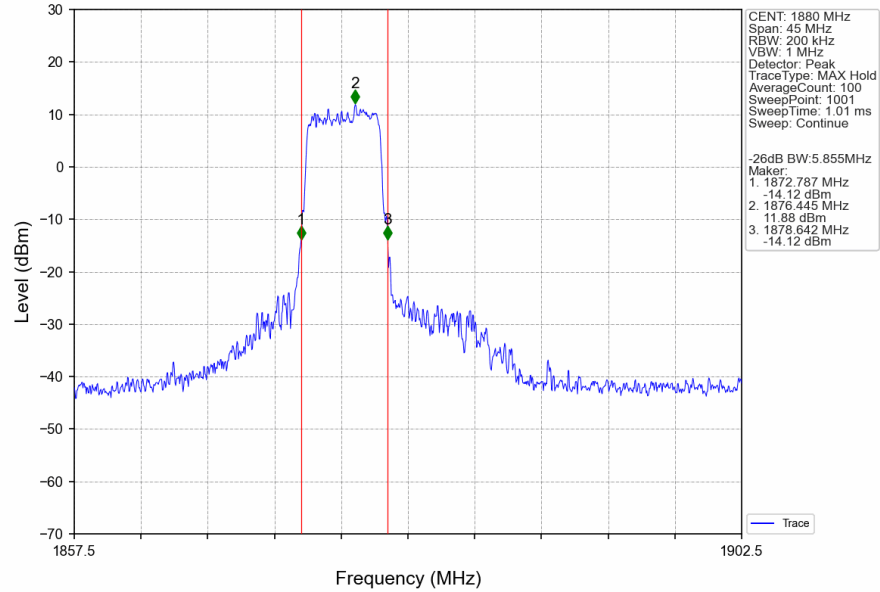
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



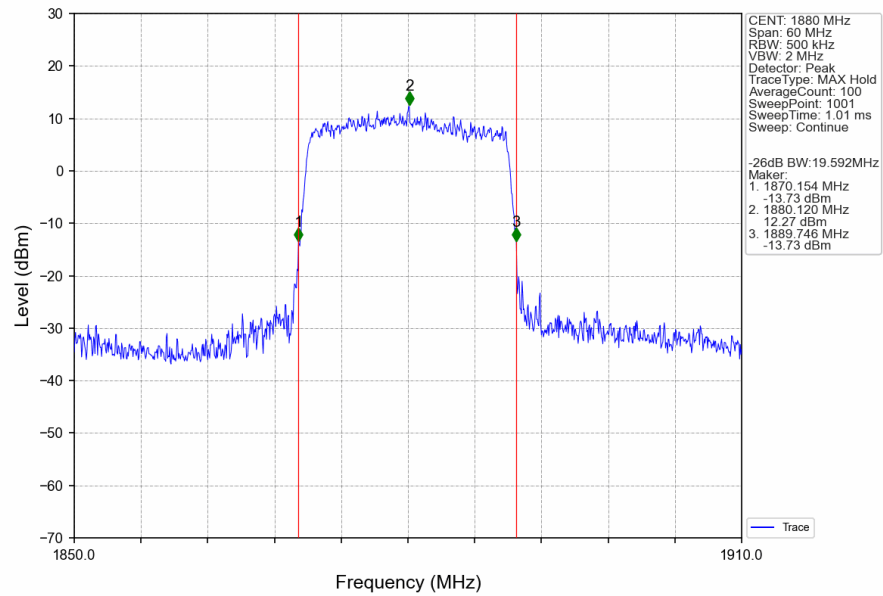
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



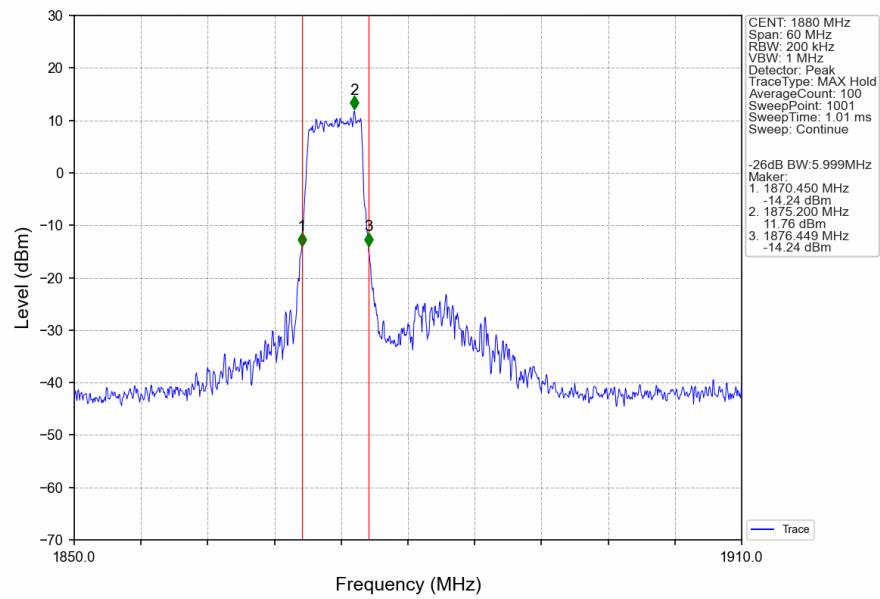
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



4. Peak-Average Ratio

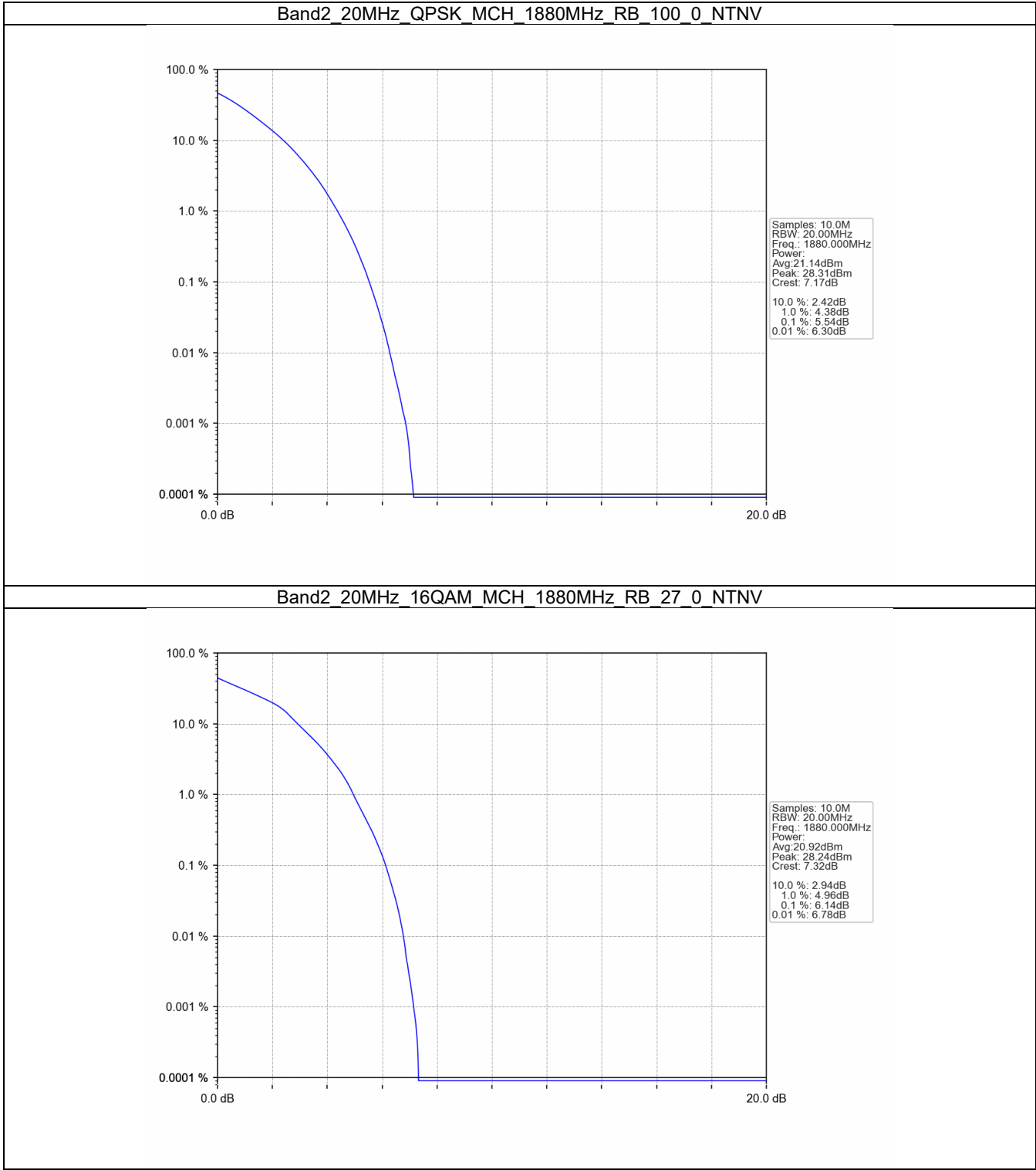
4.1 Test Result

4.1.1 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	5.54	<=13	Pass
16QAM	1880	27	0	6.14	<=13	Pass

4.2 Test Graph

4.2.1 B2_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTV						
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 B2_3MHz

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

5.1.3 B2_5MHz

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

5.1.4 B2_10MHz

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

5.1.5 B2_15MHz

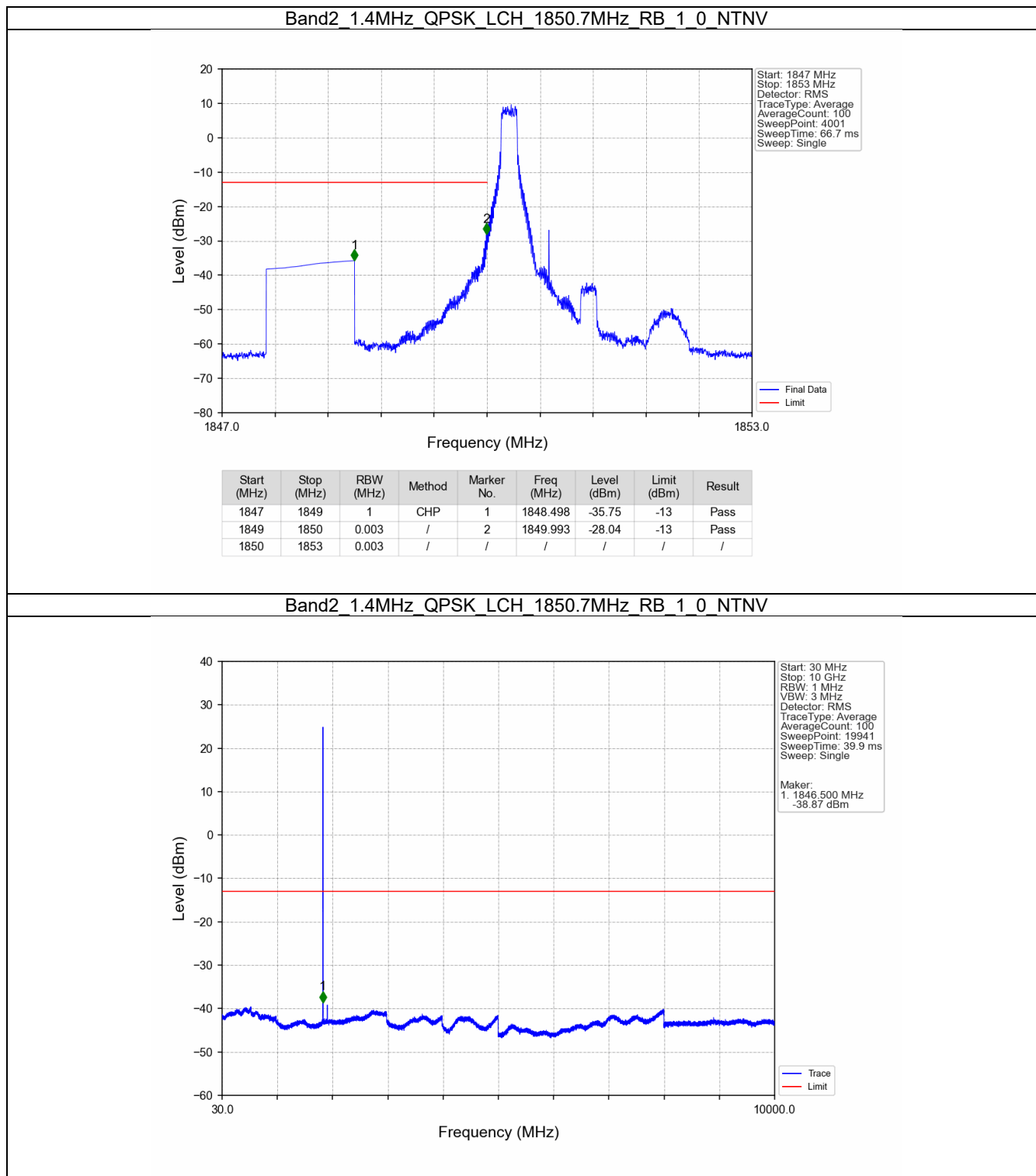
Band: 2 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B2_20MHz

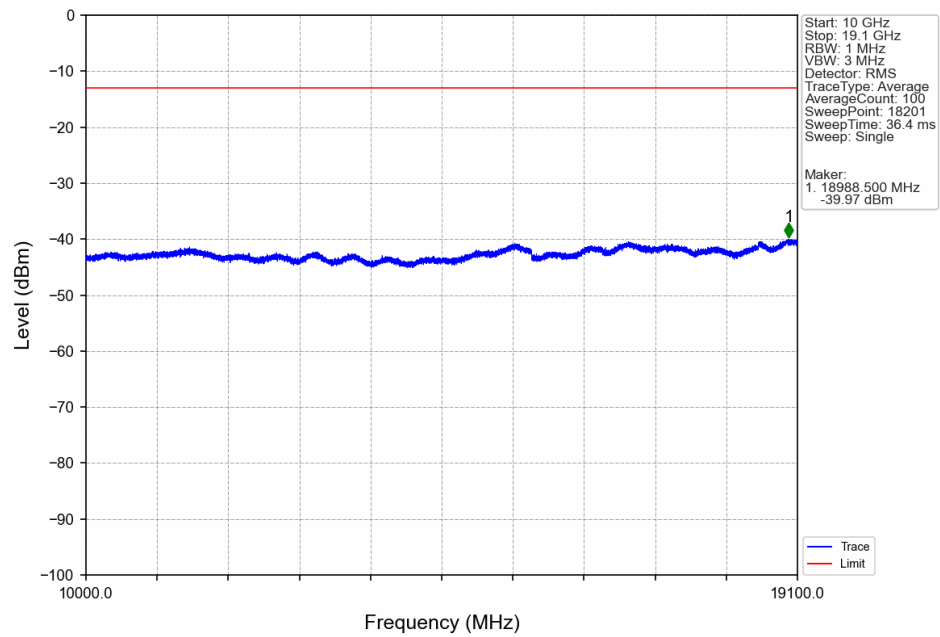
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

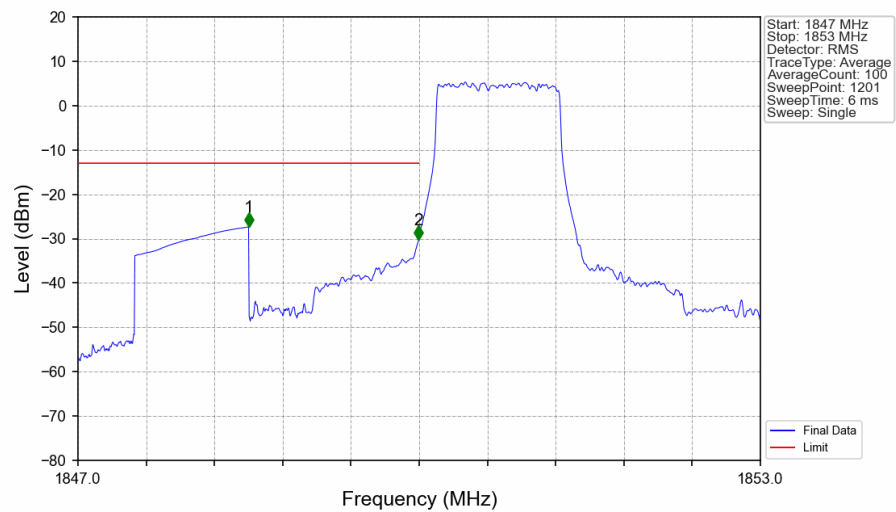
5.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

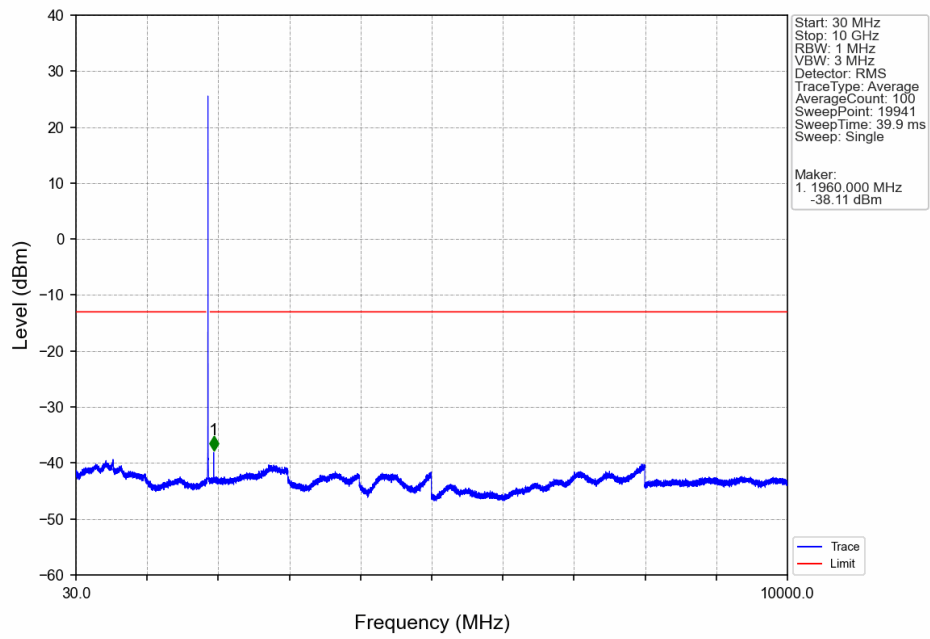


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

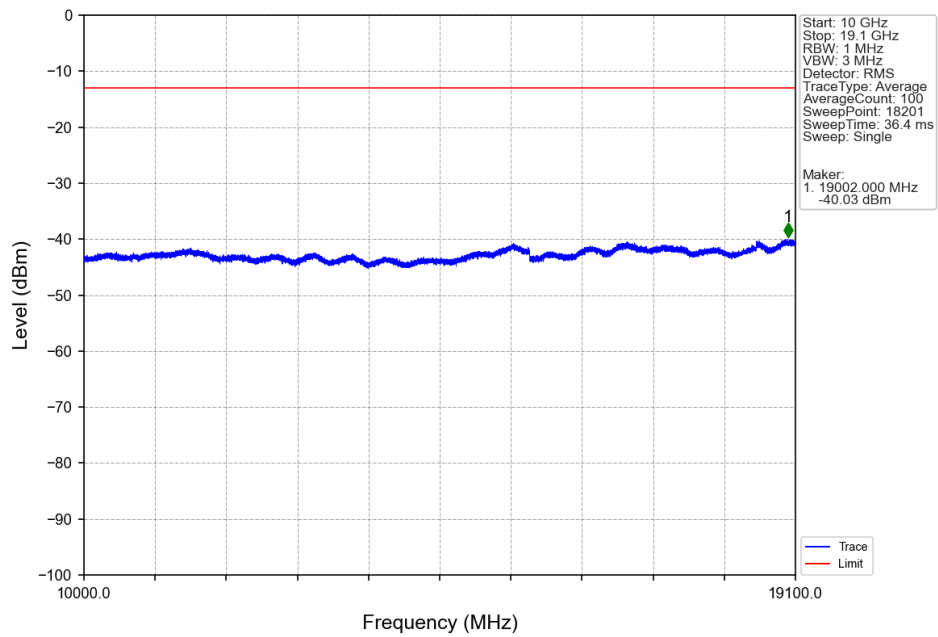


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-27.34	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-30.20	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

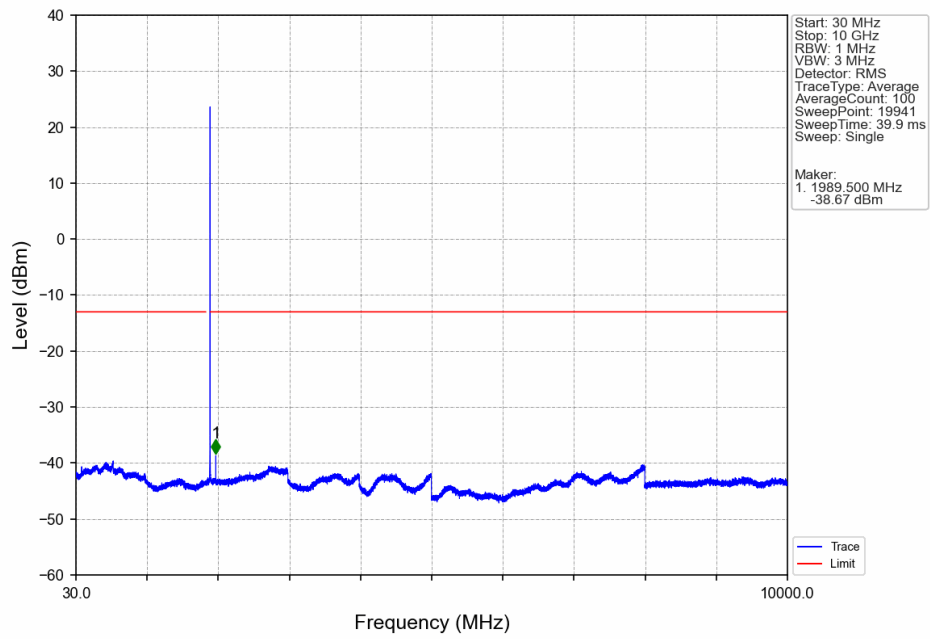
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



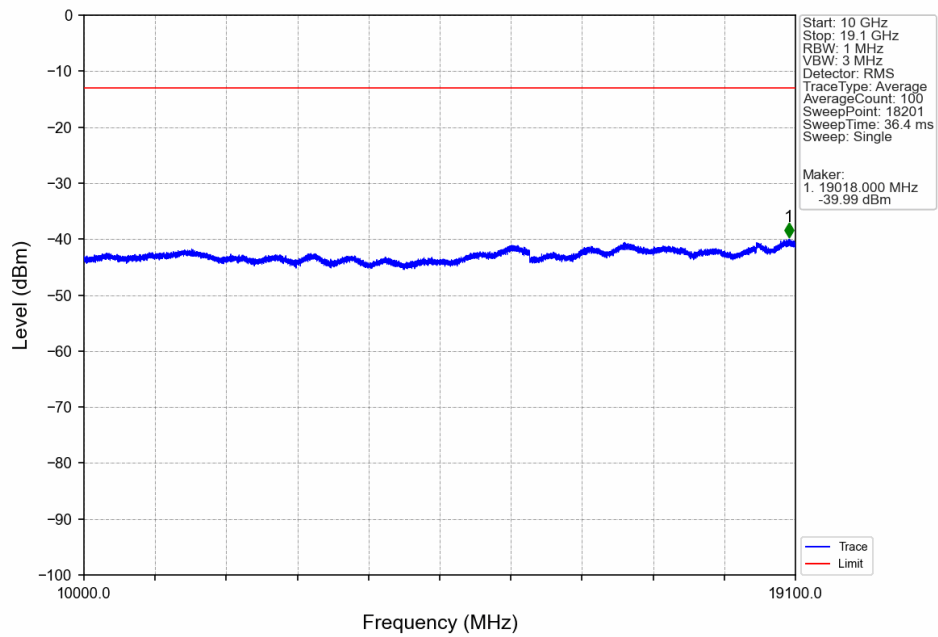
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



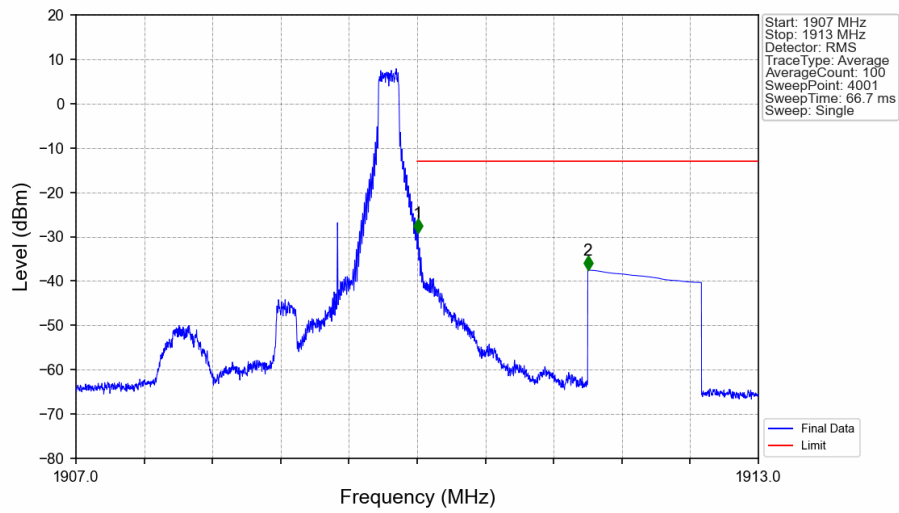
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

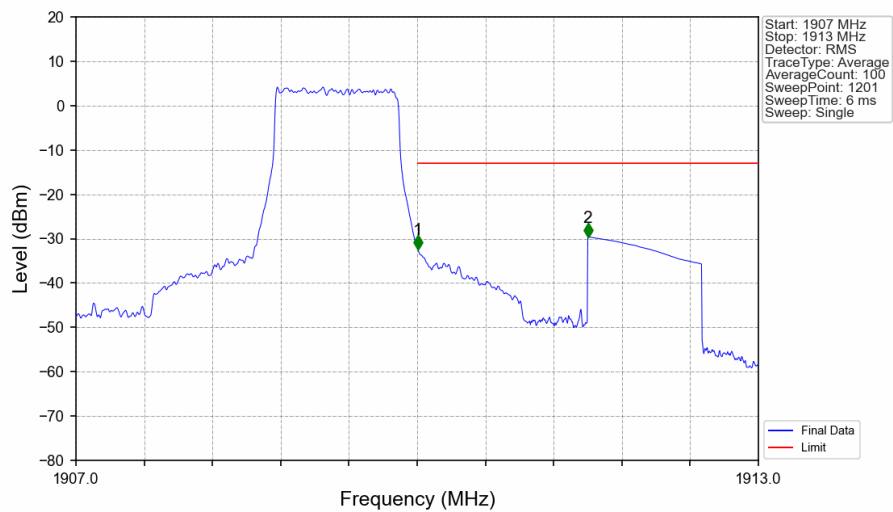


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.006	-29.17	-13	Pass
1911	1913	1	CHP	2	1911.500	-37.53	-13	Pass

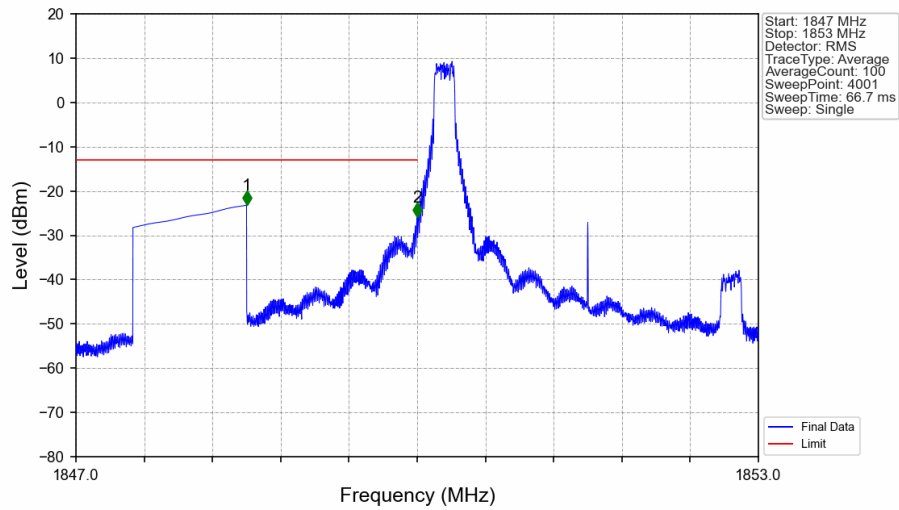
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.013	CHP	/	/	/	/	/
1910	1911	0.013	CHP	1	1910.005	-32.49	-13	Pass
1911	1913	1	CHP	2	1911.500	-29.59	-13	Pass

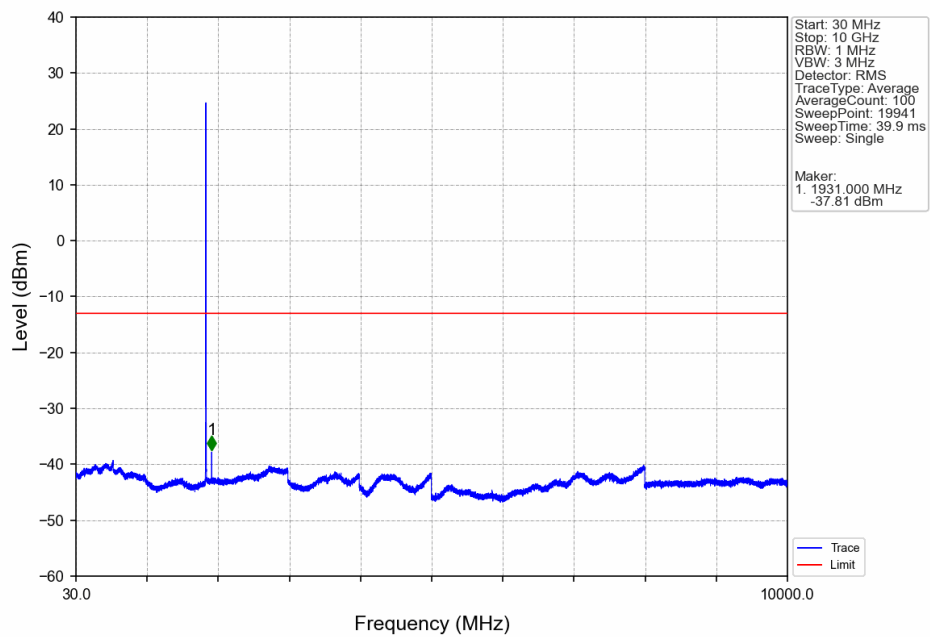
5.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

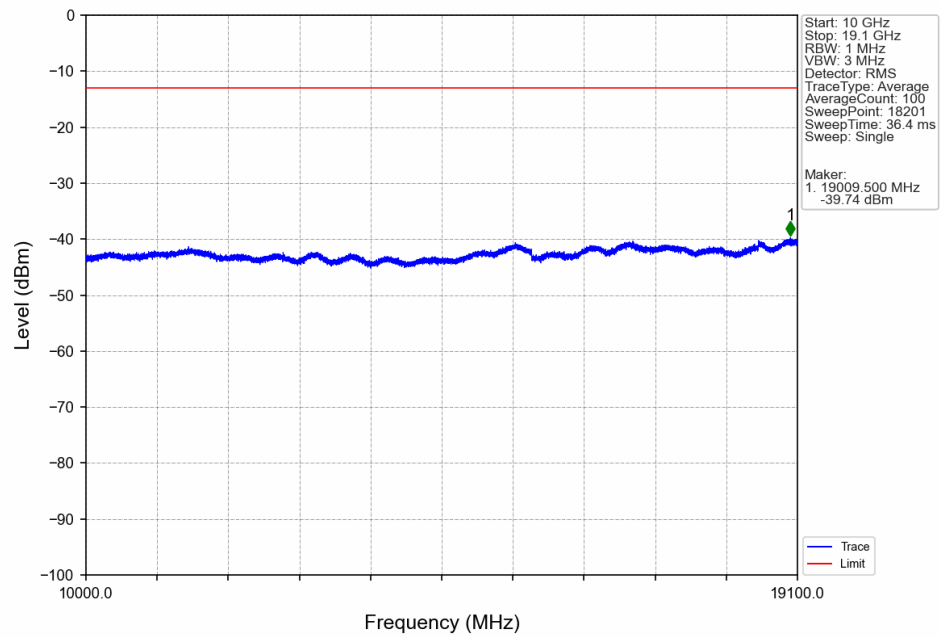


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-23.19	-13	Pass
1849	1850	0.003	/	2	1849.998	-25.83	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

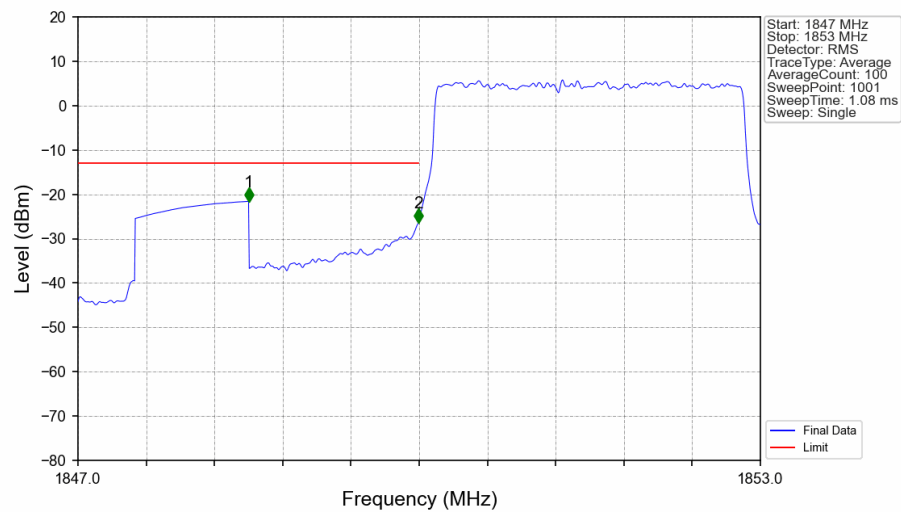
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

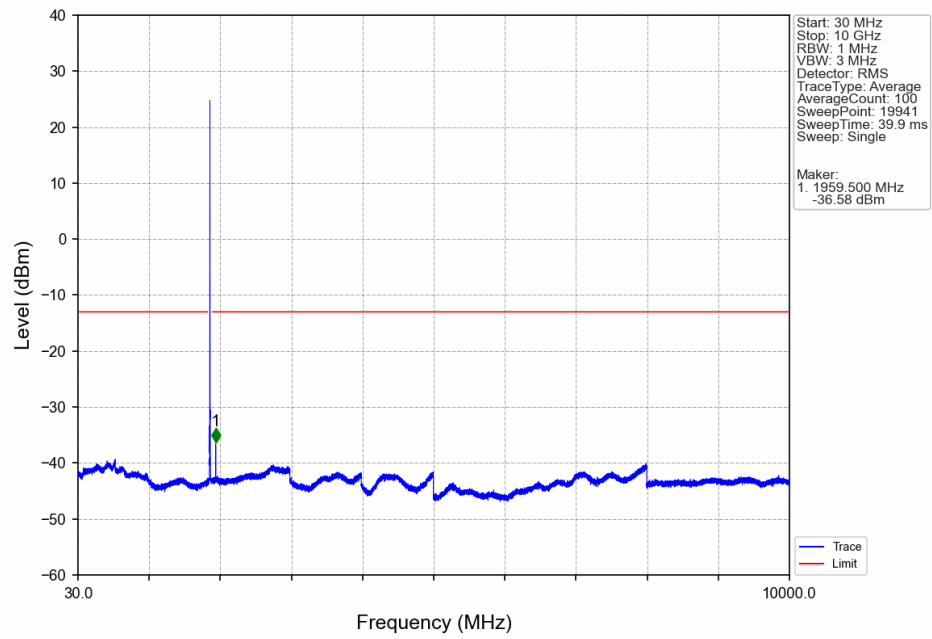


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

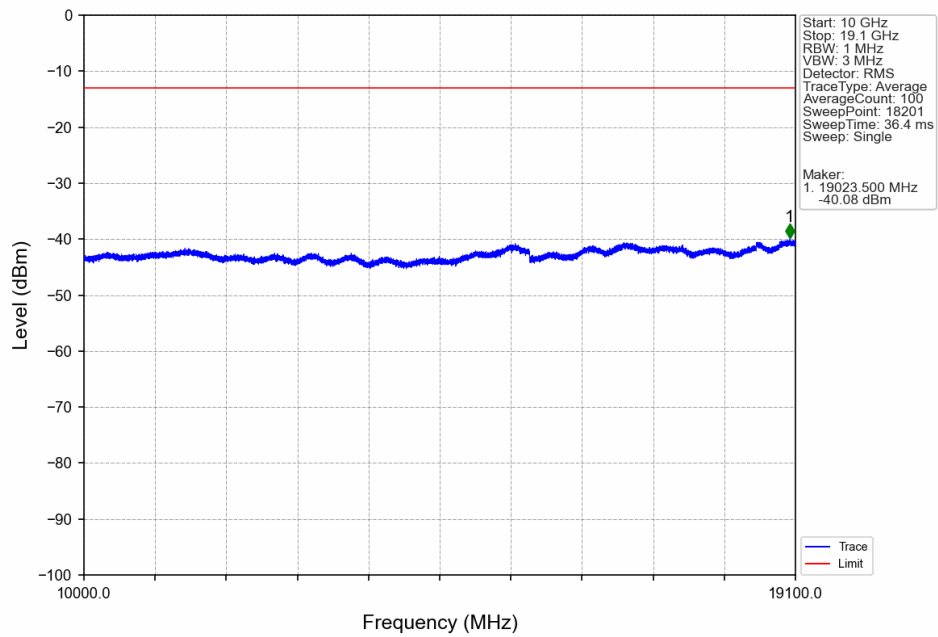


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-21.60	-13	Pass
1849	1850	0.03	/	2	1849.994	-26.38	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

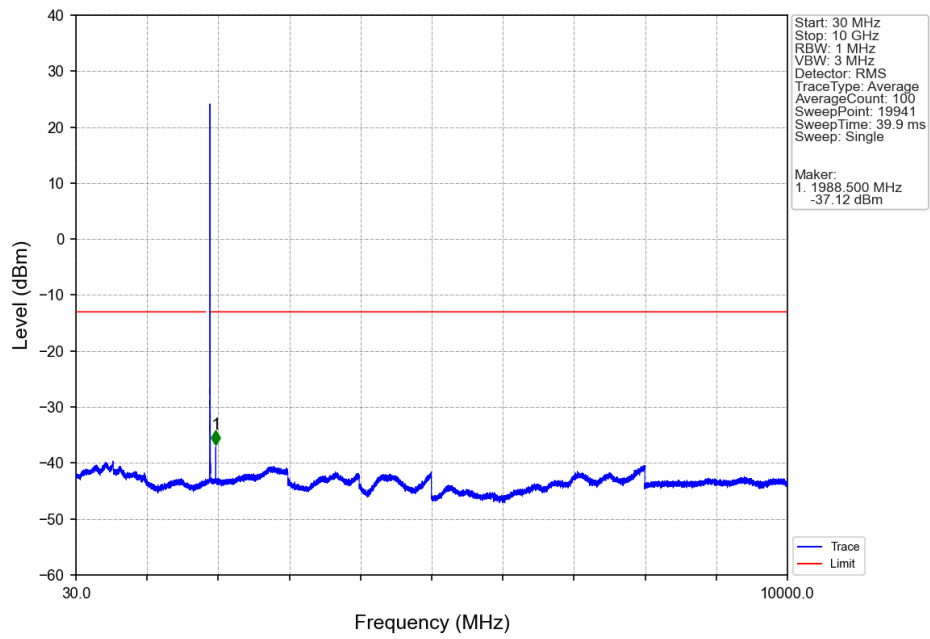
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



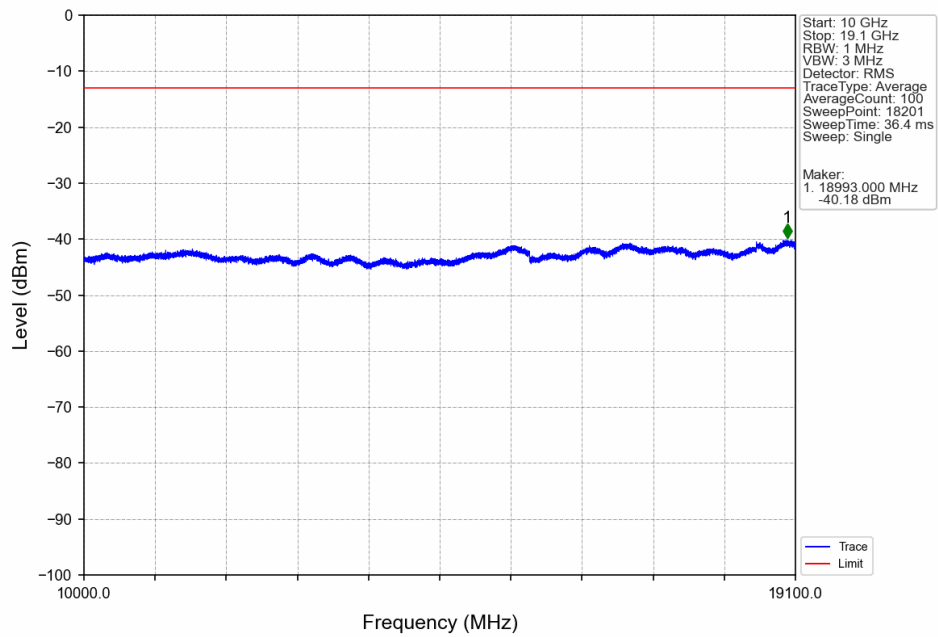
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



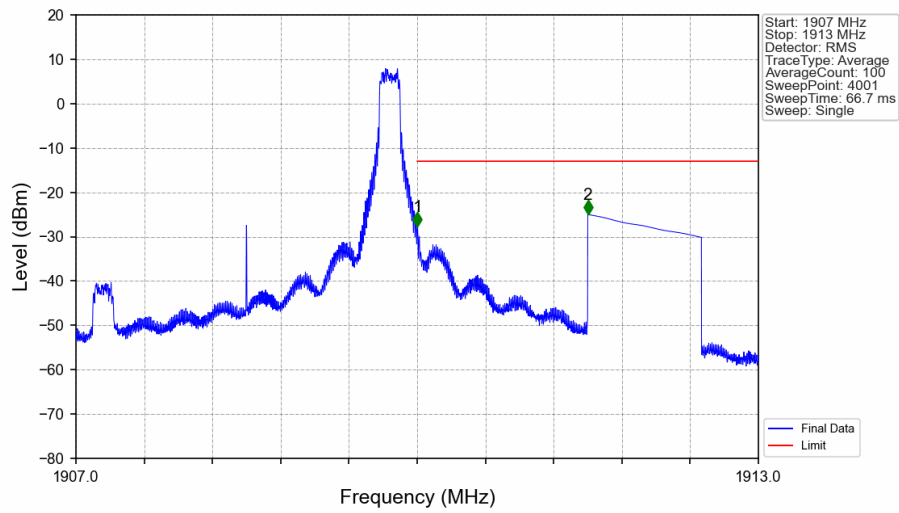
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

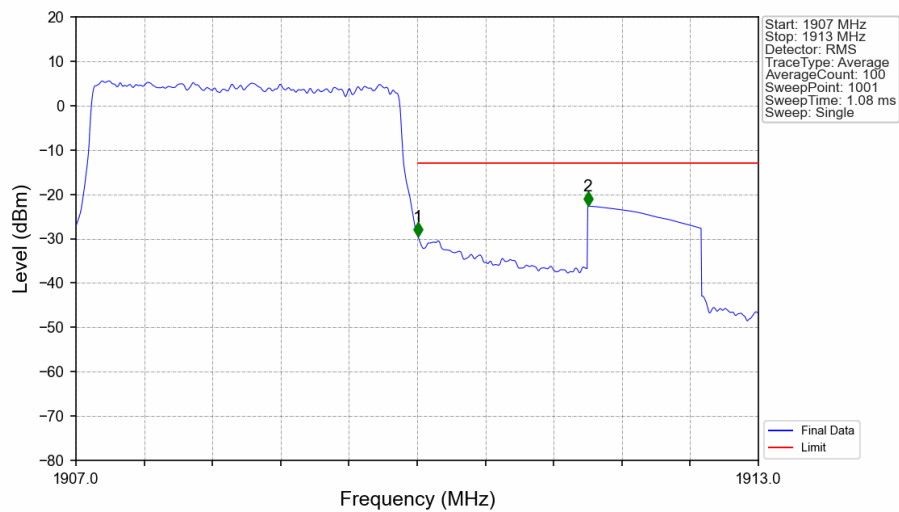


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-27.69	-13	Pass
1911	1913	1	CHP	2	1911.500	-24.99	-13	Pass

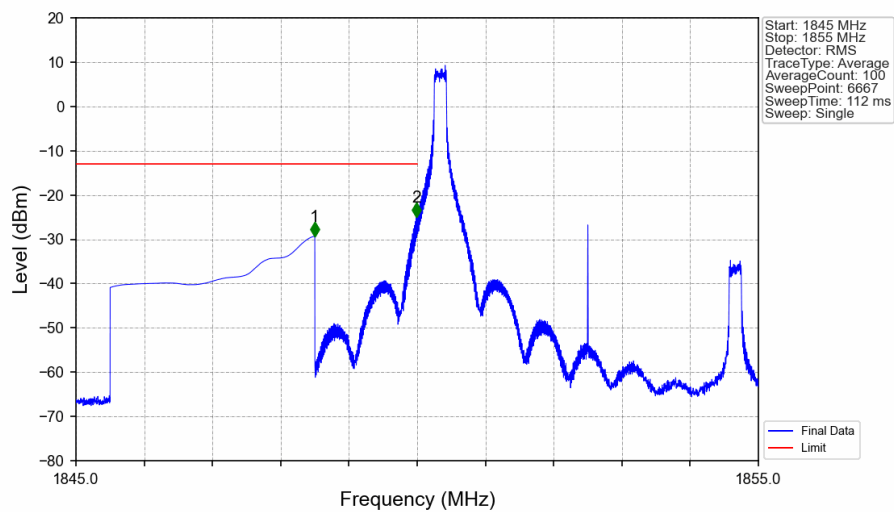
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.006	-29.47	-13	Pass
1911	1913	1	CHP	2	1911.500	-22.64	-13	Pass

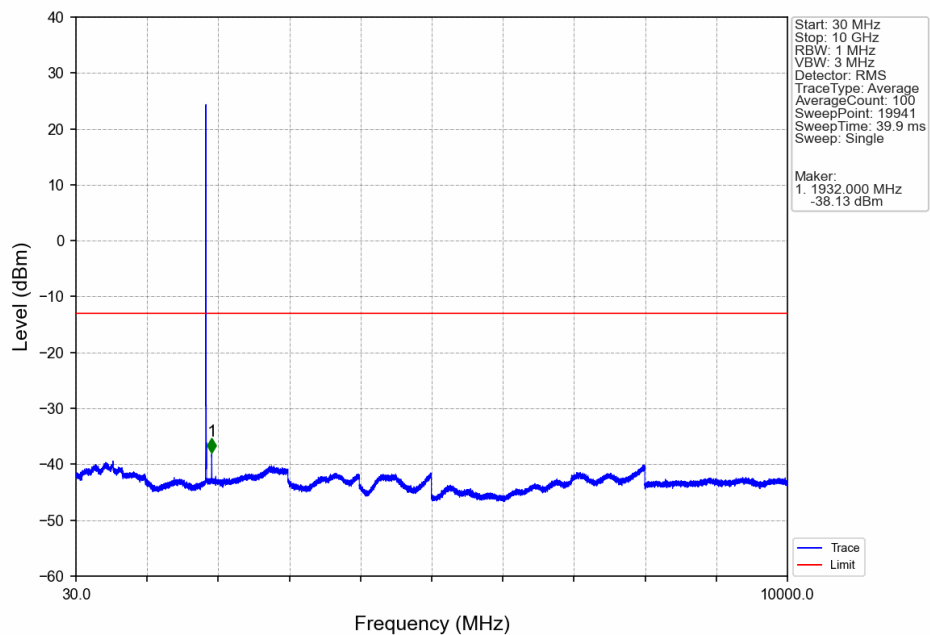
5.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

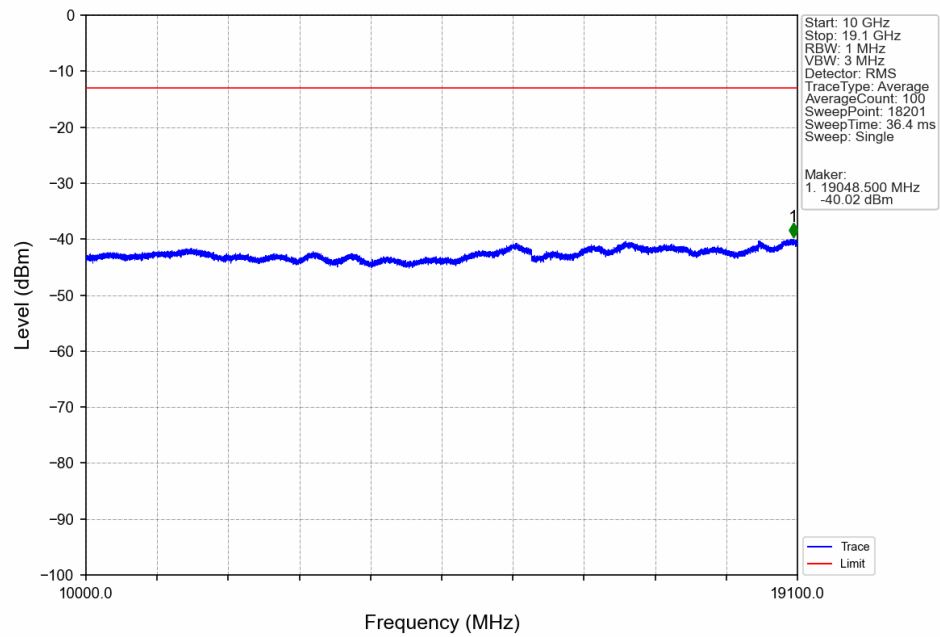


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.498	-29.30	-13	Pass
1849	1850	0.003	/	2	1849.988	-24.90	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

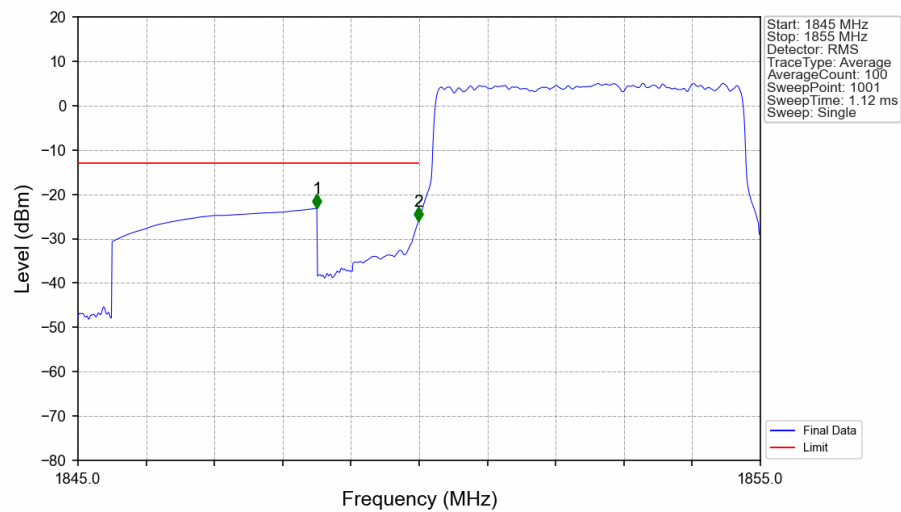
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

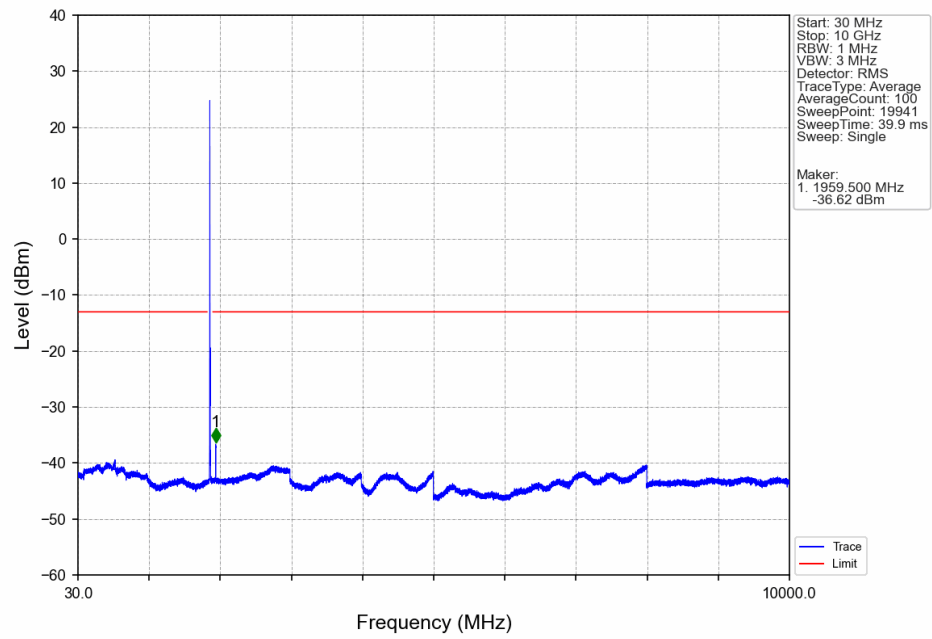


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

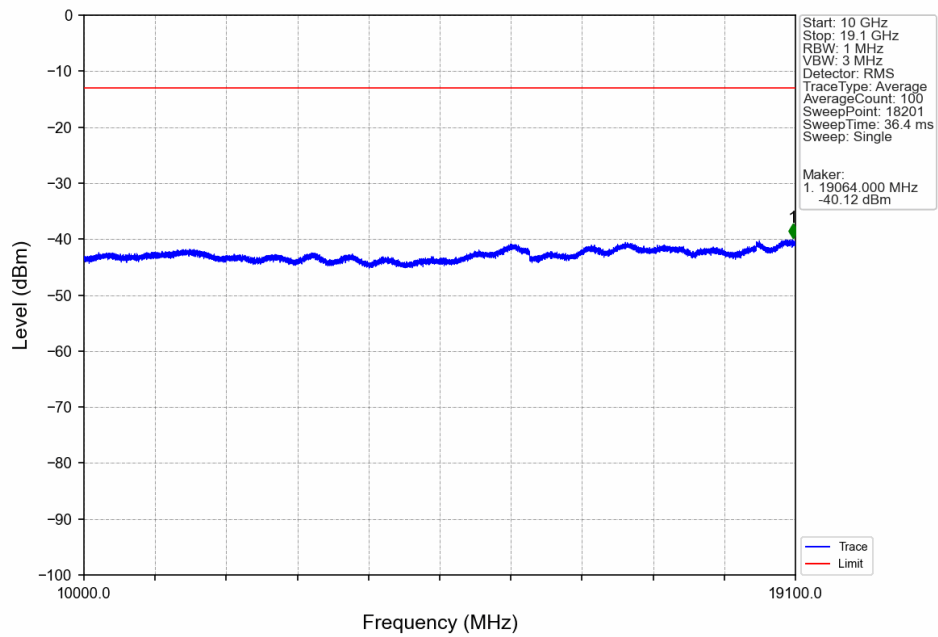


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-23.19	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-26.07	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

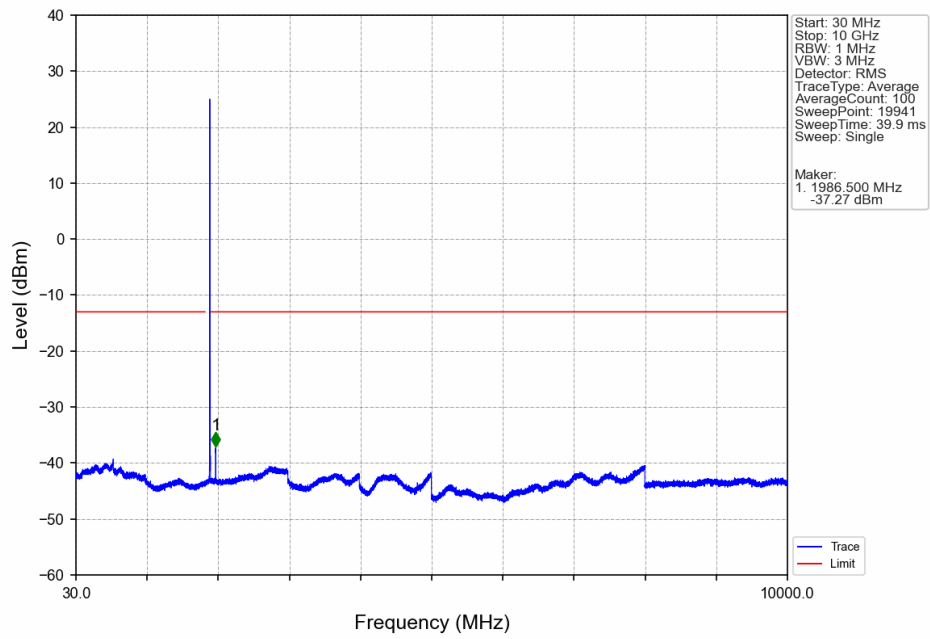
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



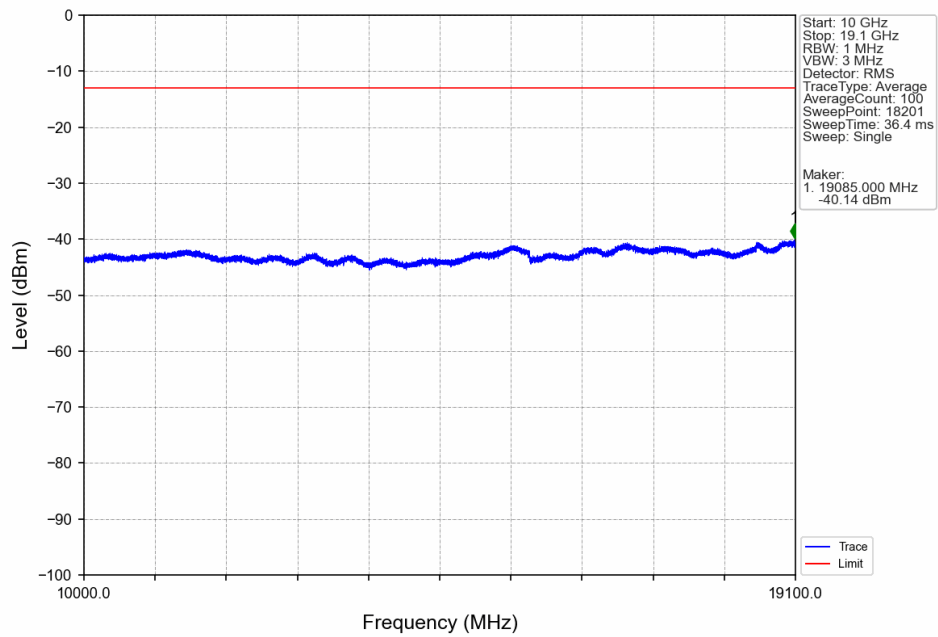
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



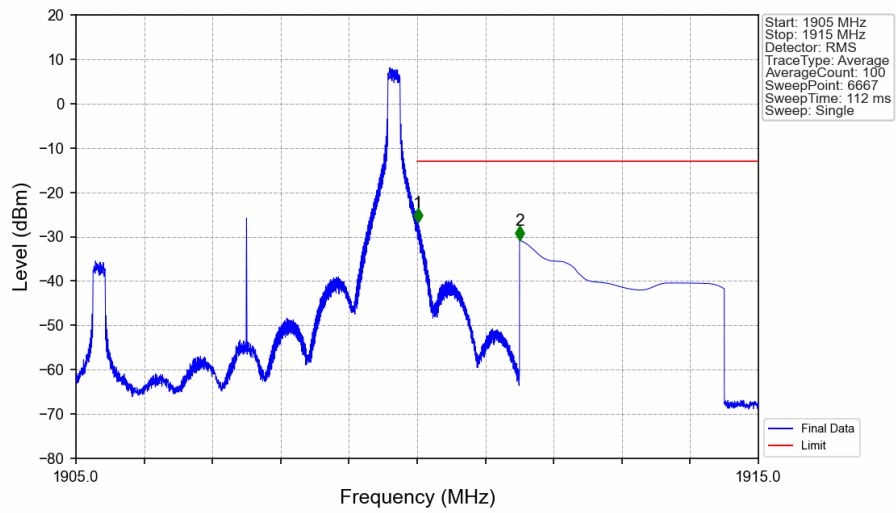
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

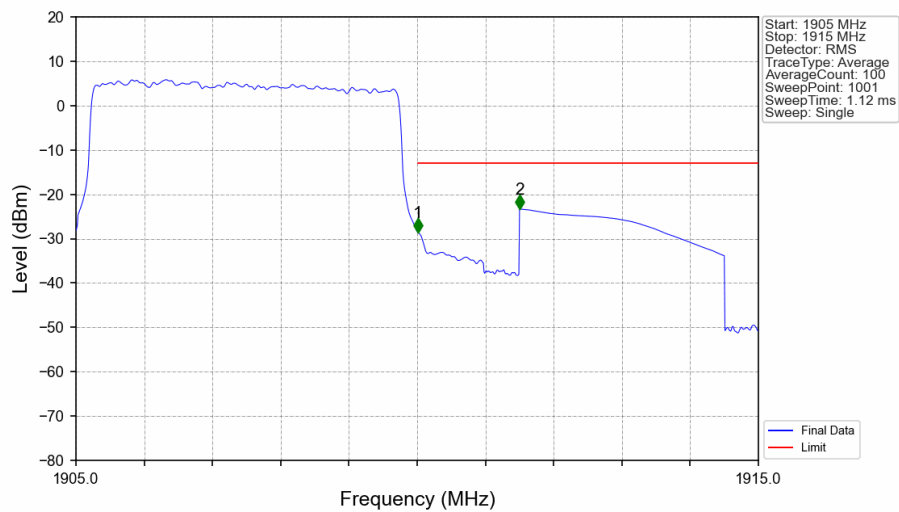


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.012	-26.82	-13	Pass
1911	1915	1	CHP	2	1911.500	-30.83	-13	Pass

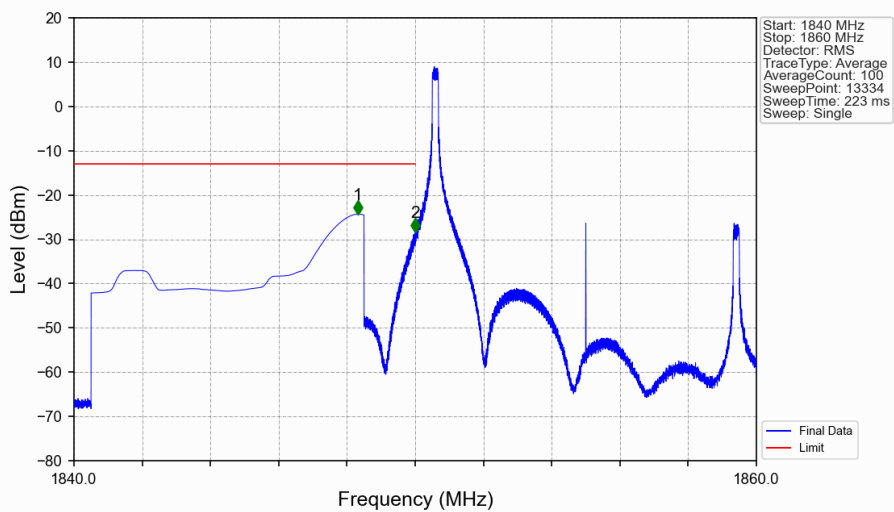
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05	CHP	/	/	/	/	/
1910	1911	0.05	CHP	1	1910.010	-28.61	-13	Pass
1911	1915	1	CHP	2	1911.500	-23.31	-13	Pass

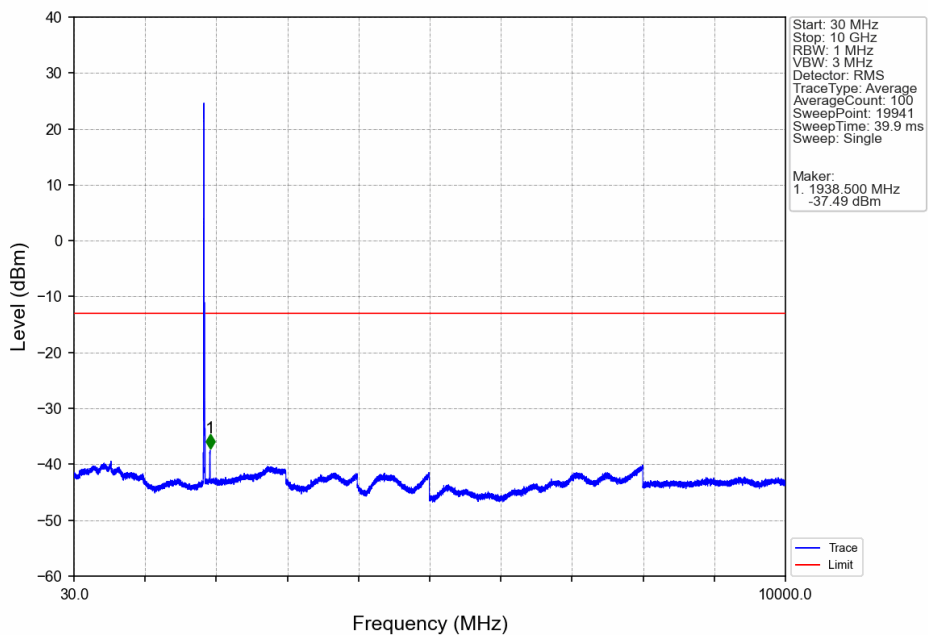
5.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

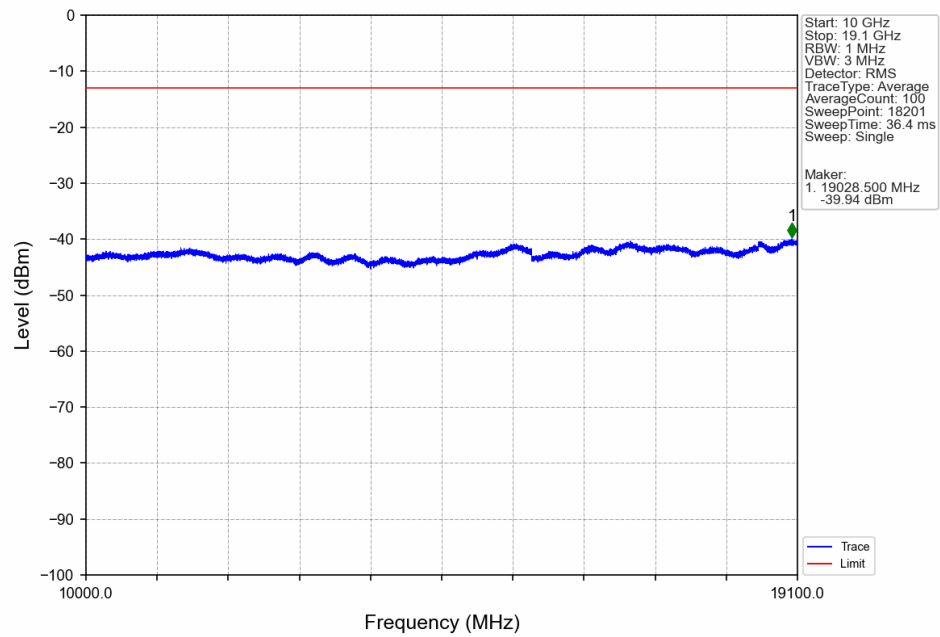


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.312	-24.31	-13	Pass
1849	1850	0.003	/	2	1849.999	-28.48	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

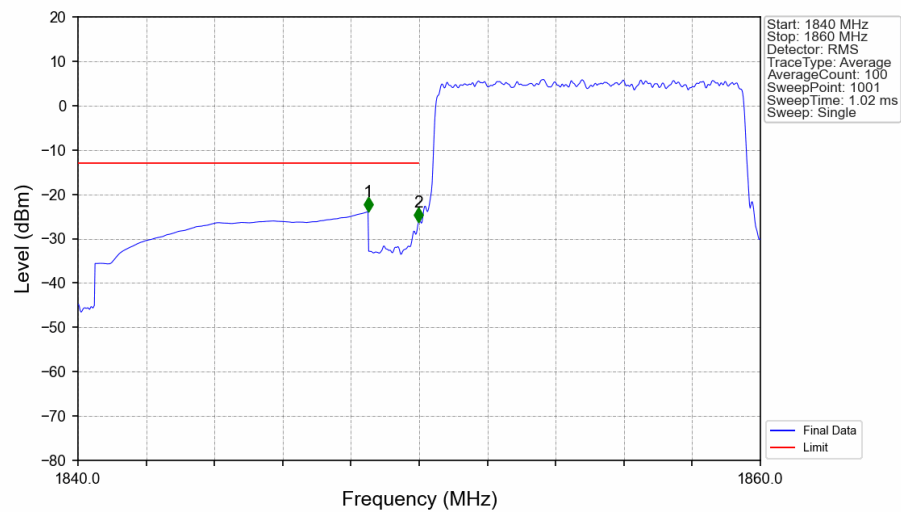
Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

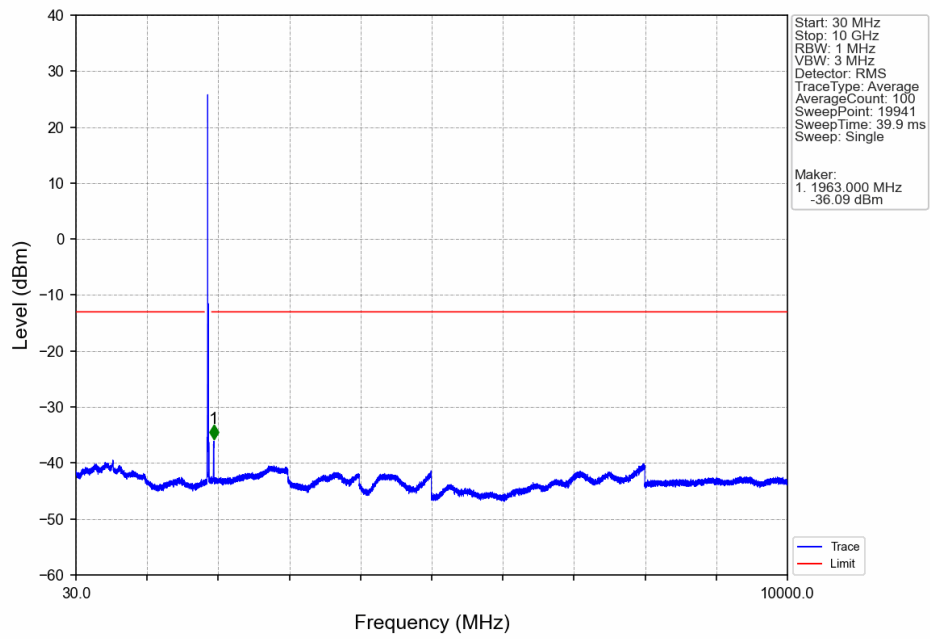


Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

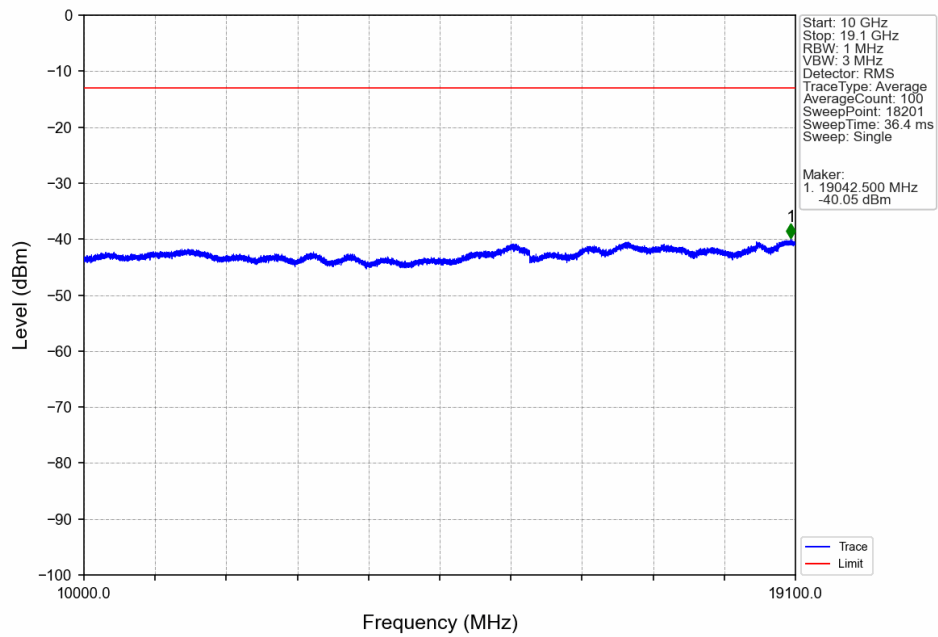


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.500	-23.90	-13	Pass
1849	1850	0.1	/	2	1849.980	-26.25	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

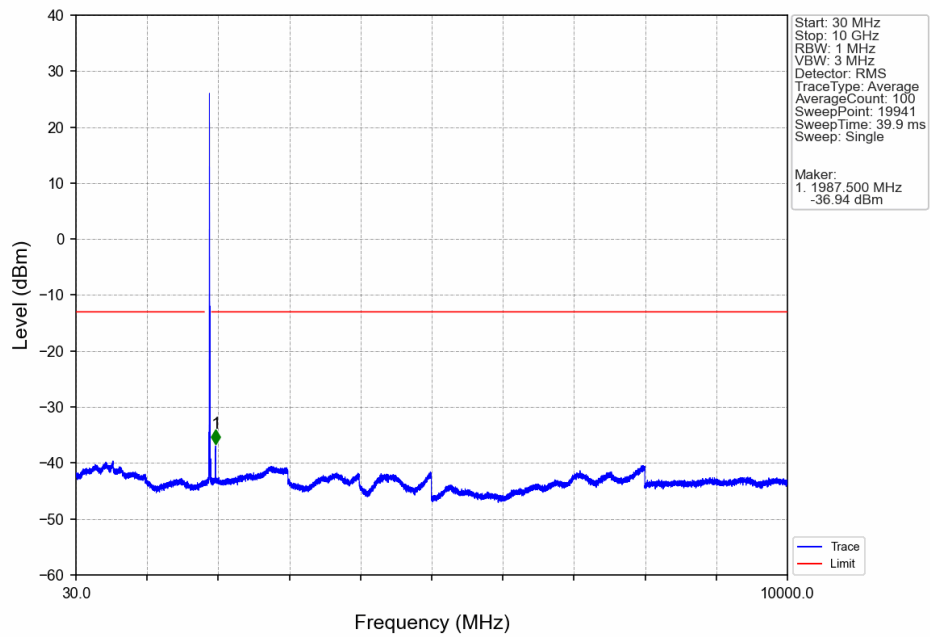
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



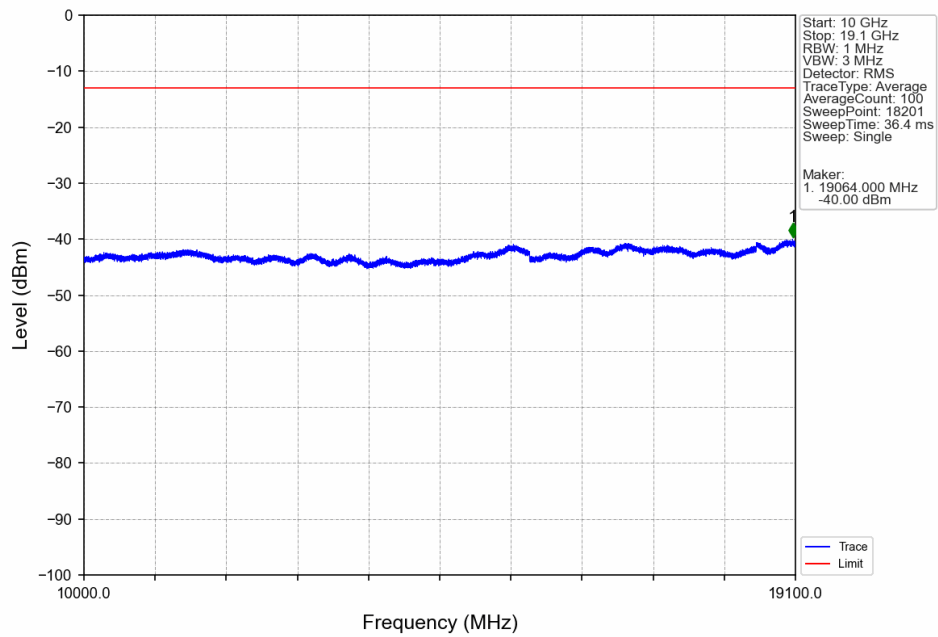
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



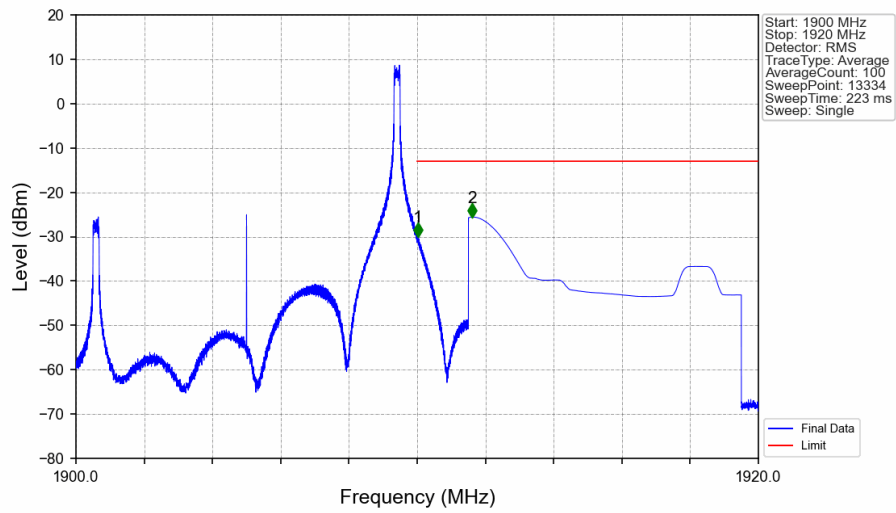
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

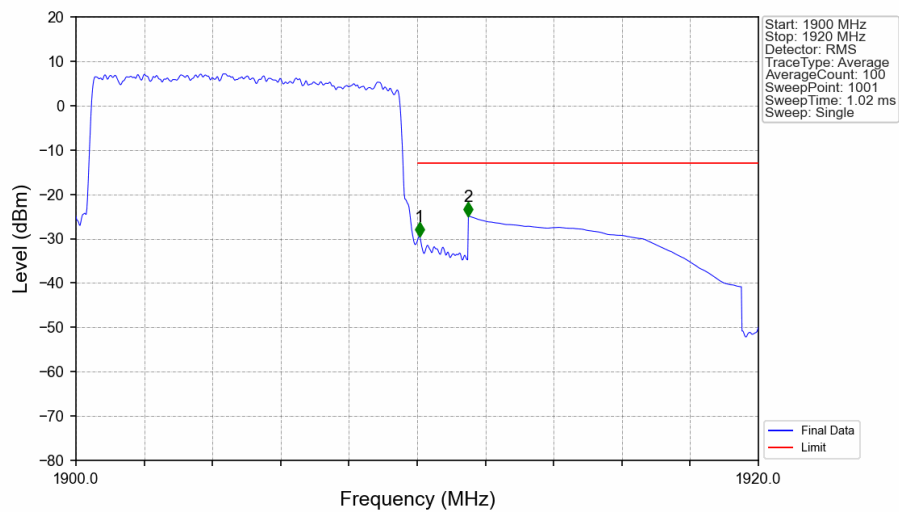


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.016	-30.01	-13	Pass
1911	1920	1	CHP	2	1911.601	-25.59	-13	Pass

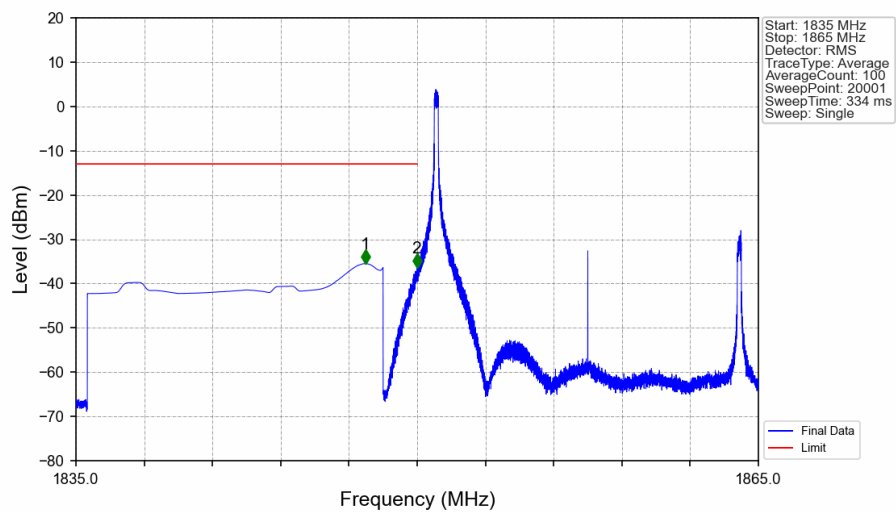
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.060	-29.45	-13	Pass
1911	1920	1	CHP	2	1911.500	-24.92	-13	Pass

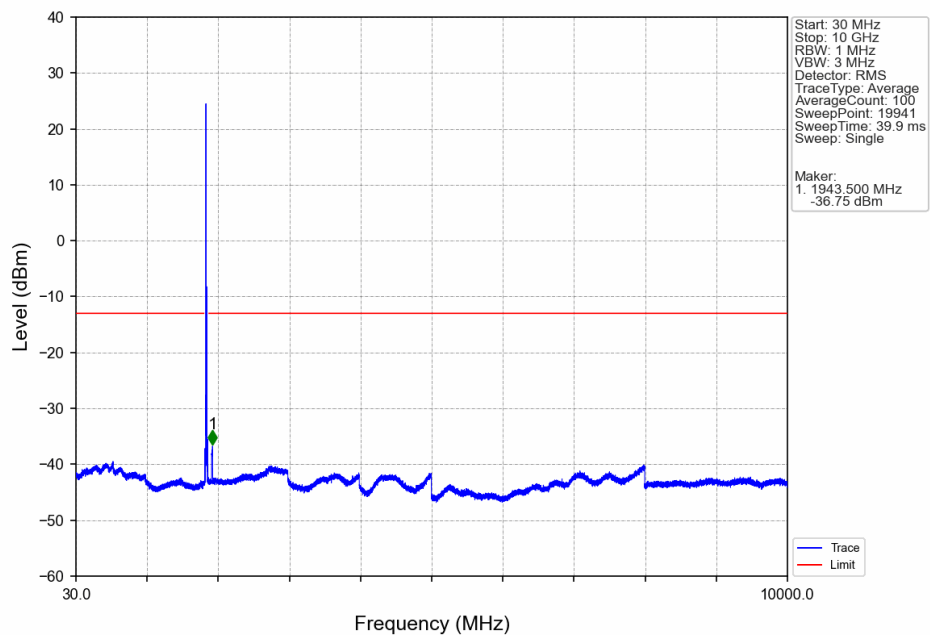
5.2.5 B2_15MHz

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

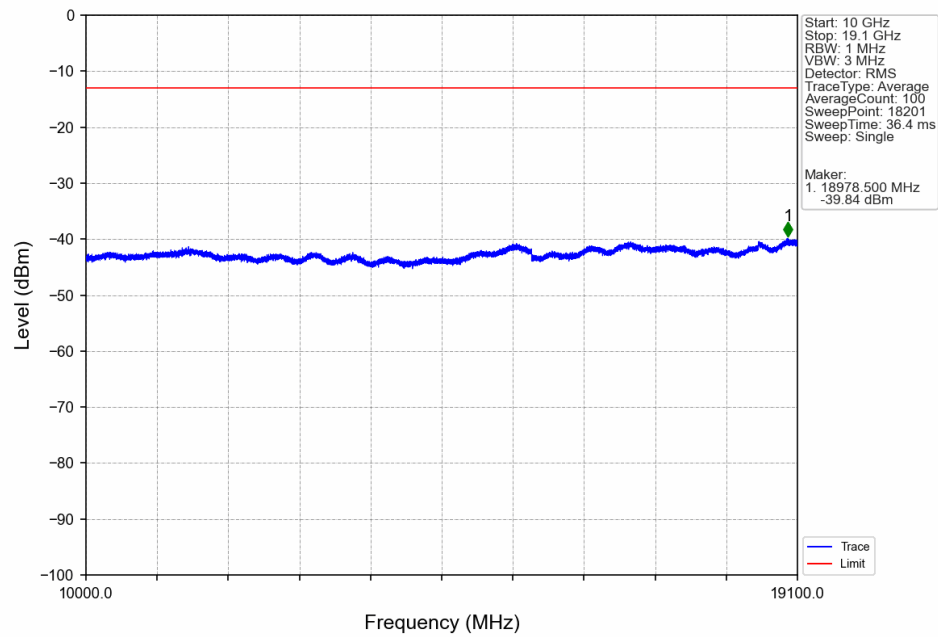


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.722	-35.49	-13	Pass
1849	1850	0.003	/	2	1849.984	-36.50	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

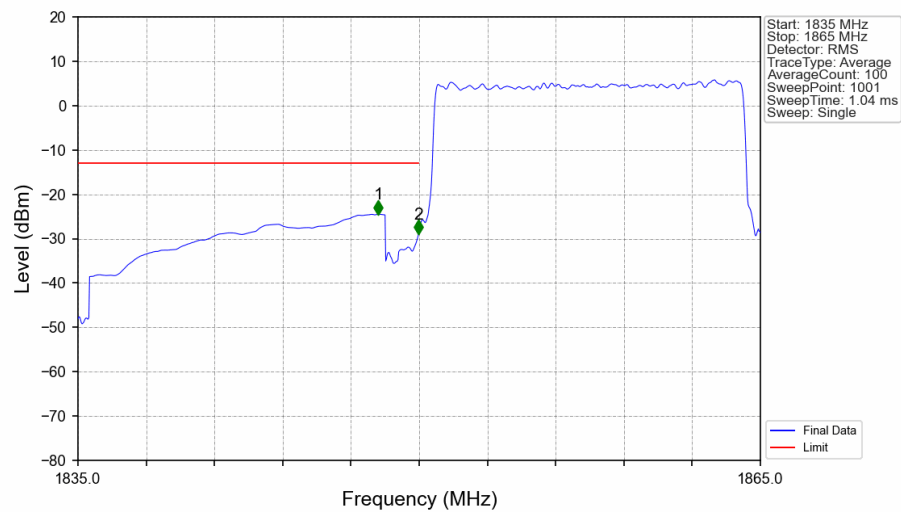
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

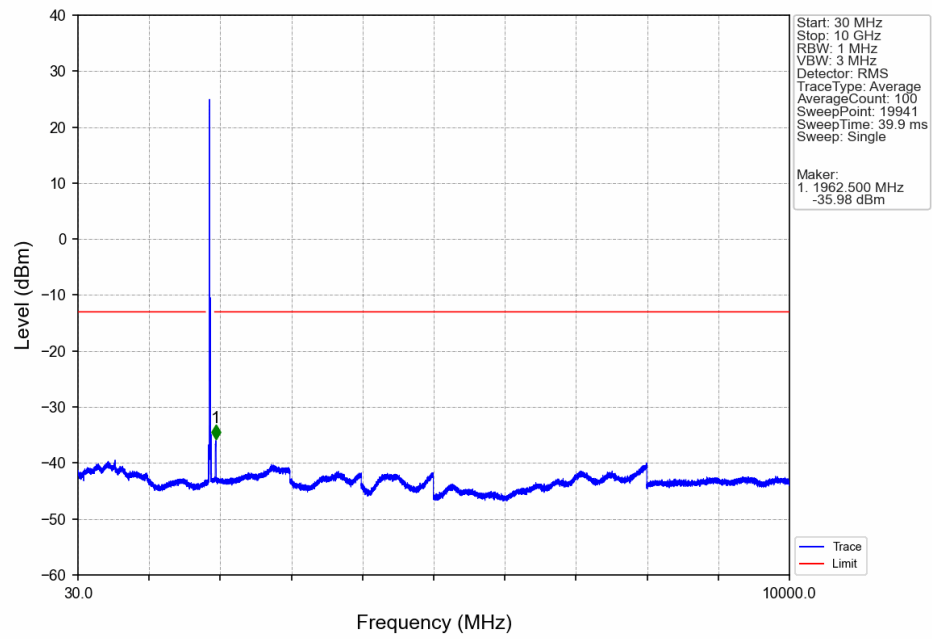


Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

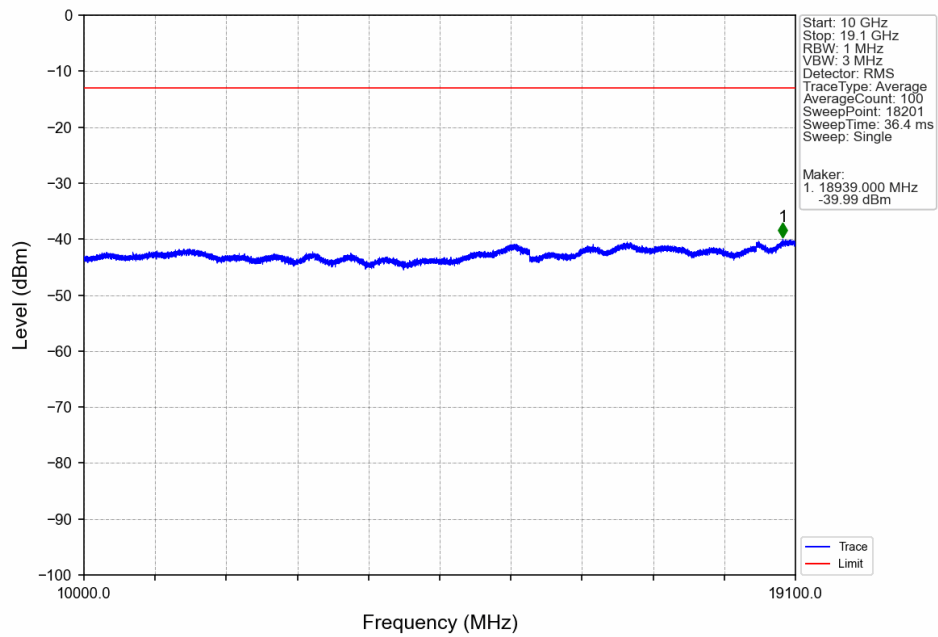


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.200	-24.48	-13	Pass
1849	1850	0.151	CHP	2	1849.970	-28.92	-13	Pass
1850	1865	0.151	CHP	/	/	/	/	/

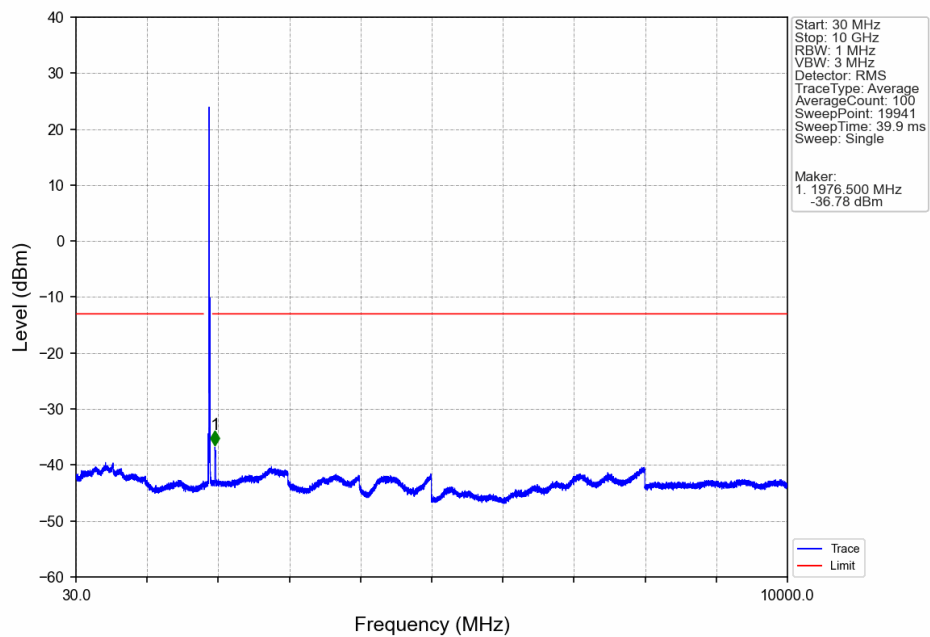
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



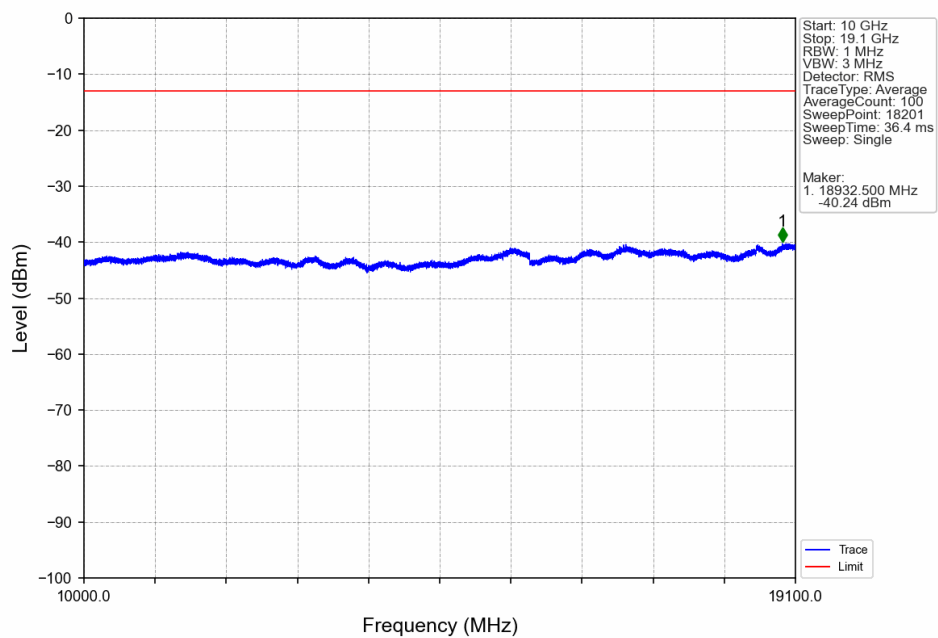
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



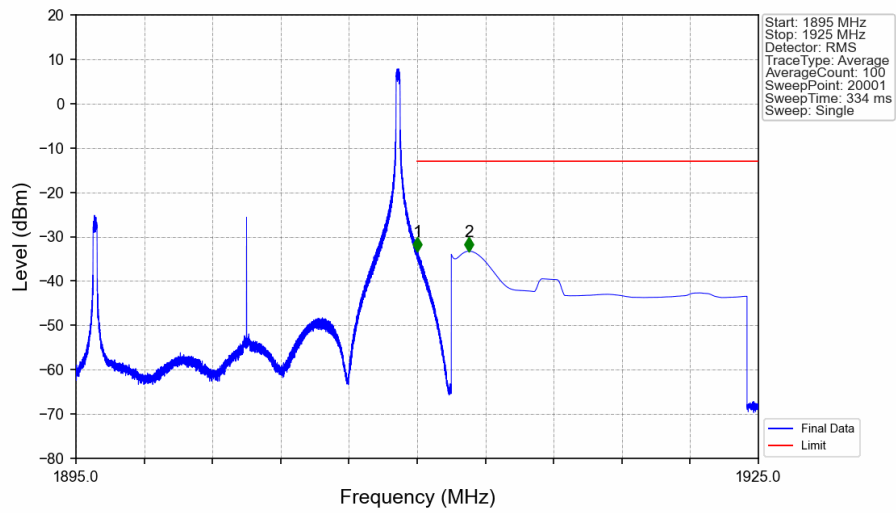
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV

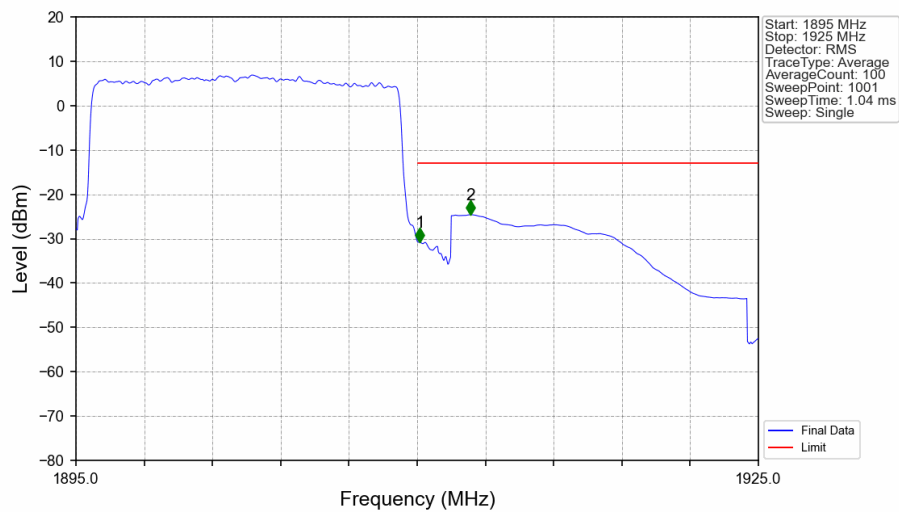


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



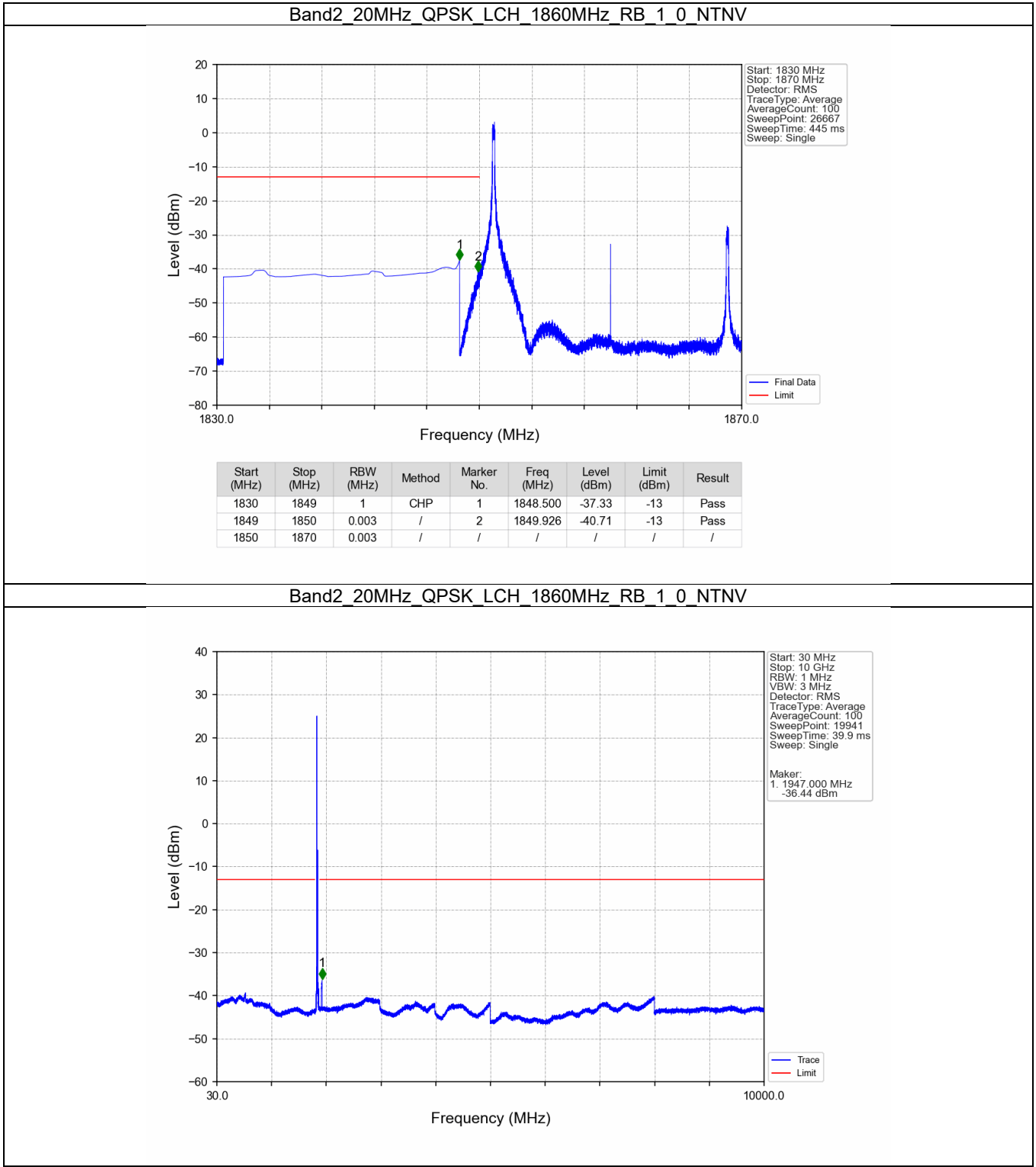
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.014	-33.34	-13	Pass
1911	1925	1	CHP	2	1912.275	-33.27	-13	Pass

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV

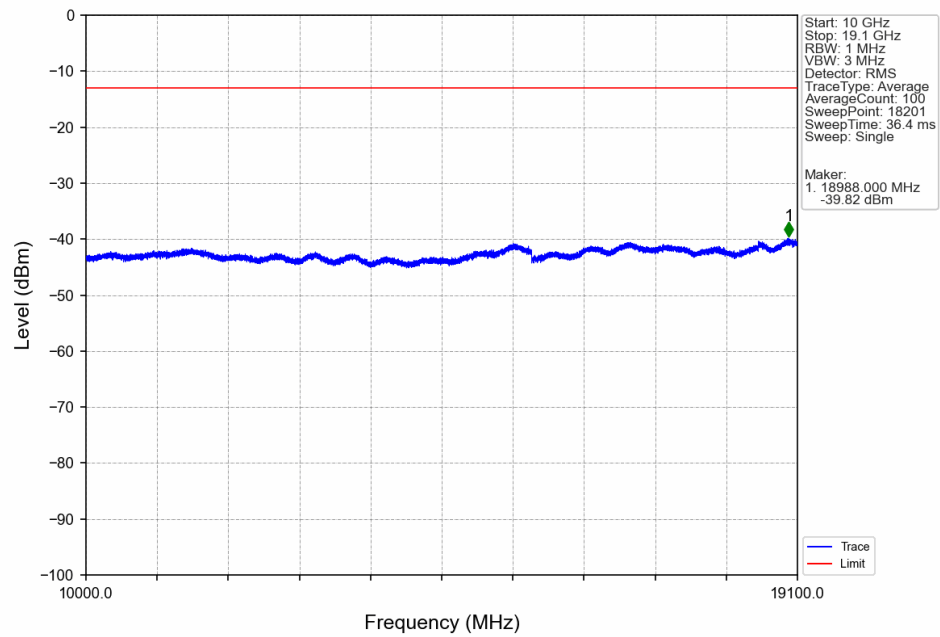


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.151	CHP	/	/	/	/	/
1910	1911	0.151	CHP	1	1910.120	-30.72	-13	Pass
1911	1925	1	CHP	2	1912.340	-24.59	-13	Pass

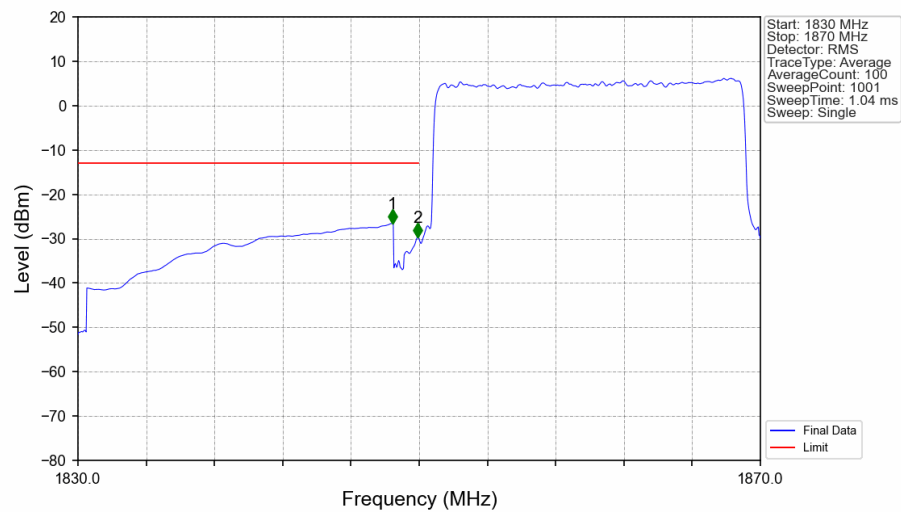
5.2.6 B2_20MHz



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

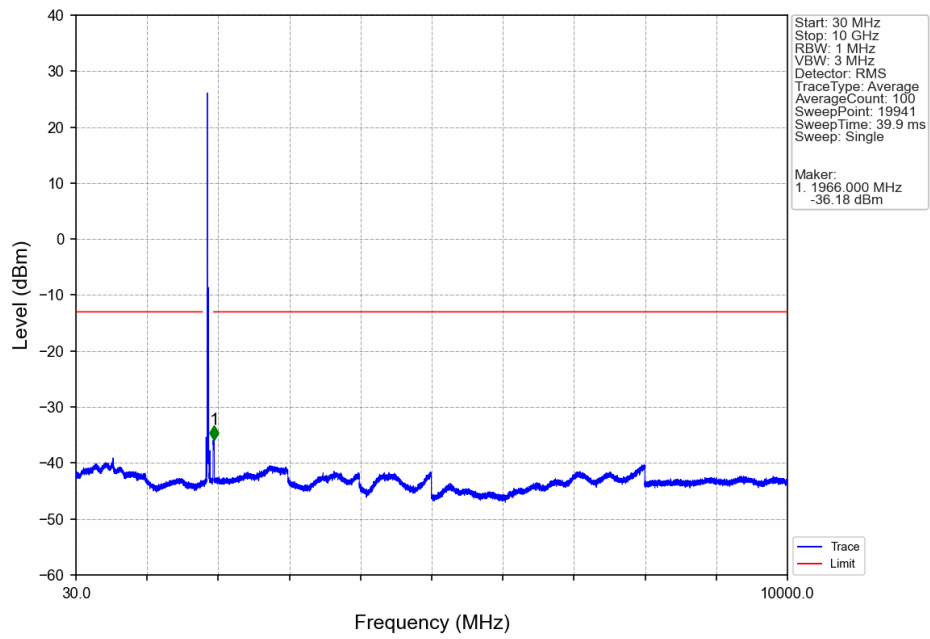


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

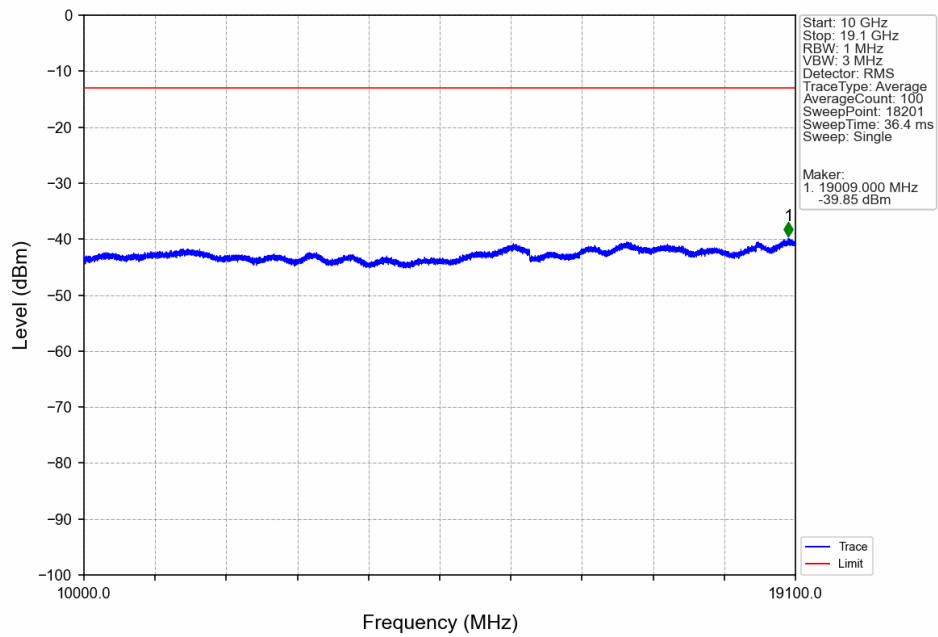


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-26.57	-13	Pass
1849	1850	0.199	CHP	2	1849.920	-29.69	-13	Pass
1850	1870	0.199	CHP	/	/	/	/	/

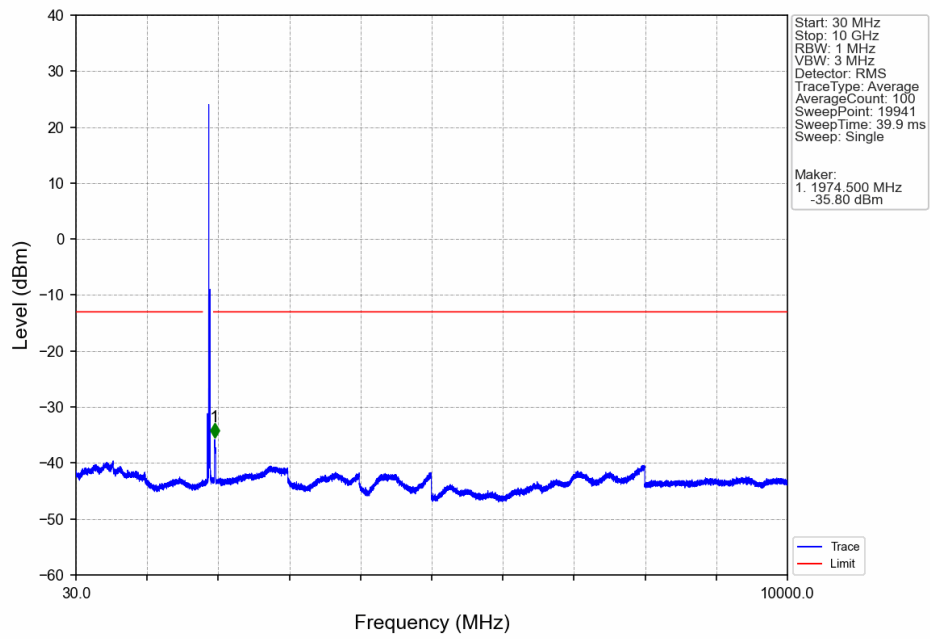
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



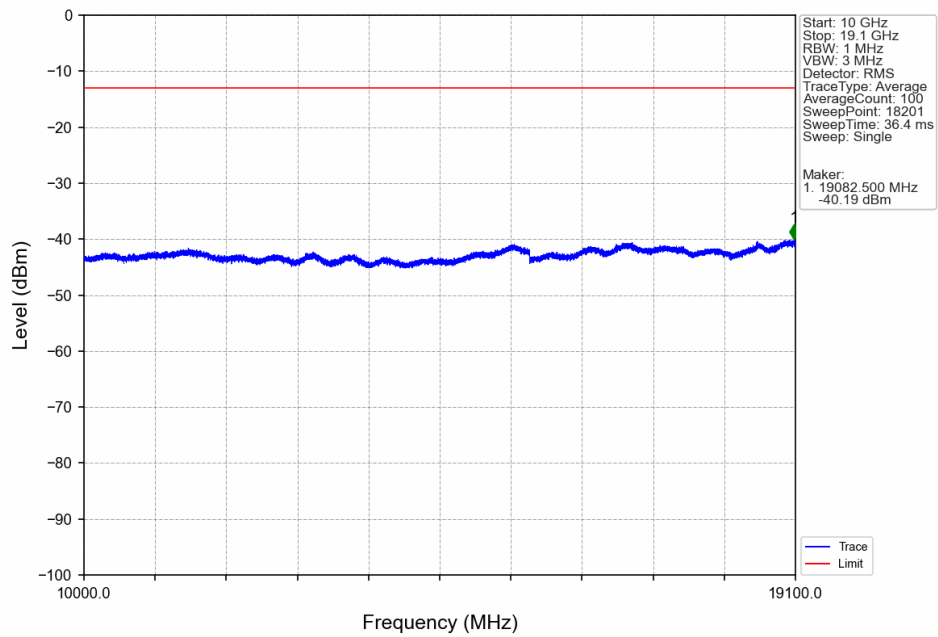
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



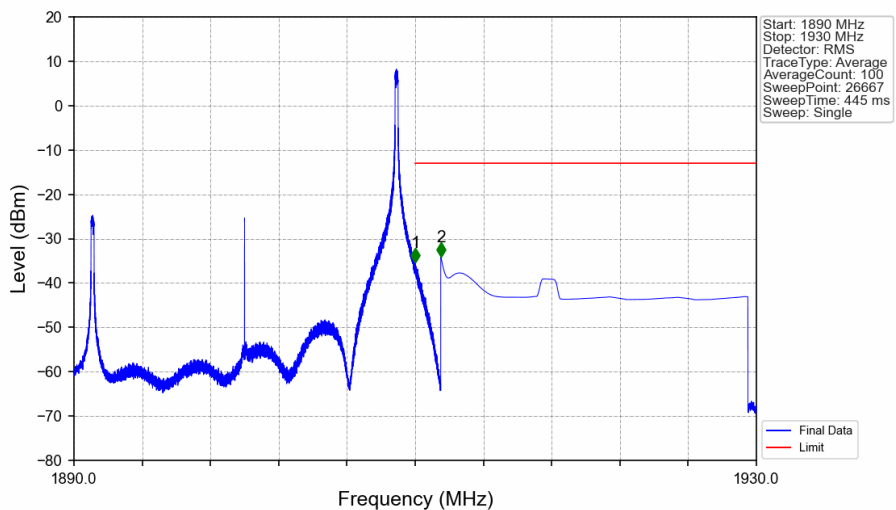
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

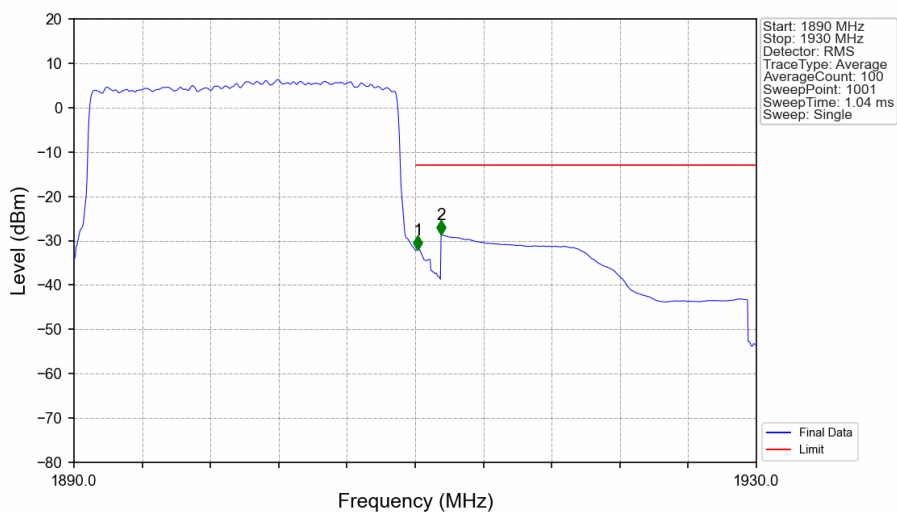


Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.016	-35.36	-13	Pass
1911	1930	1	CHP	2	1911.500	-33.99	-13	Pass

Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.199	CHP	/	/	/	/	/
1910	1911	0.199	CHP	1	1910.160	-31.97	-13	Pass
1911	1930	1	CHP	2	1911.520	-28.62	-13	Pass

- End of the Report -