

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

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	24.56	1.59	26.15	<=33.01	Pass
			2	24.11	1.59	25.70	<=33.01	Pass
			5	24.12	1.59	25.71	<=33.01	Pass
		3	0	24.01	1.59	25.60	<=33.01	Pass
			2	23.90	1.59	25.49	<=33.01	Pass
			3	24.00	1.59	25.59	<=33.01	Pass
		6	0	22.87	1.59	24.46	<=33.01	Pass
	1880	1	0	24.09	1.59	25.68	<=33.01	Pass
			2	23.92	1.59	25.51	<=33.01	Pass
			5	23.89	1.59	25.48	<=33.01	Pass
		3	0	23.83	1.59	25.42	<=33.01	Pass
			2	23.80	1.59	25.39	<=33.01	Pass
			3	23.78	1.59	25.37	<=33.01	Pass
		6	0	22.85	1.59	24.44	<=33.01	Pass
	1909.3	1	0	23.94	1.59	25.53	<=33.01	Pass
			2	23.75	1.59	25.34	<=33.01	Pass
			5	23.72	1.59	25.31	<=33.01	Pass
		3	0	23.59	1.59	25.18	<=33.01	Pass
			2	23.60	1.59	25.19	<=33.01	Pass
			3	23.67	1.59	25.26	<=33.01	Pass
		6	0	22.64	1.59	24.23	<=33.01	Pass
16QAM	1850.7	1	0	23.06	1.59	24.65	<=33.01	Pass
			2	23.16	1.59	24.75	<=33.01	Pass
			5	23.16	1.59	24.75	<=33.01	Pass
		3	0	22.89	1.59	24.48	<=33.01	Pass
			2	22.91	1.59	24.50	<=33.01	Pass
			3	22.90	1.59	24.49	<=33.01	Pass
		6	0	21.96	1.59	23.55	<=33.01	Pass
	1880	1	0	23.13	1.59	24.72	<=33.01	Pass
			2	23.08	1.59	24.67	<=33.01	Pass
			5	23.30	1.59	24.89	<=33.01	Pass
		3	0	22.96	1.59	24.55	<=33.01	Pass
			2	22.94	1.59	24.53	<=33.01	Pass
			3	22.98	1.59	24.57	<=33.01	Pass
		6	0	22.23	1.59	23.82	<=33.01	Pass
	1909.3	1	0	22.97	1.59	24.56	<=33.01	Pass
			2	23.03	1.59	24.62	<=33.01	Pass
			5	23.01	1.59	24.60	<=33.01	Pass
		3	0	22.71	1.59	24.30	<=33.01	Pass
			2	22.75	1.59	24.34	<=33.01	Pass
			3	22.80	1.59	24.39	<=33.01	Pass
		6	0	21.98	1.59	23.57	<=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	24.00	1.59	25.59	<=33.01	Pass	
			7	23.92	1.59	25.51	<=33.01	Pass	
			14	23.82	1.59	25.41	<=33.01	Pass	
		8	0	22.70	1.59	24.29	<=33.01	Pass	
			4	22.80	1.59	24.39	<=33.01	Pass	
			7	22.80	1.59	24.39	<=33.01	Pass	
		15	0	22.76	1.59	24.35	<=33.01	Pass	
		1880	1	0	23.90	1.59	25.49	<=33.01	Pass
				7	23.85	1.59	25.44	<=33.01	Pass
	14			23.76	1.59	25.35	<=33.01	Pass	
	8		0	22.84	1.59	24.43	<=33.01	Pass	
			4	22.88	1.59	24.47	<=33.01	Pass	
			7	22.84	1.59	24.43	<=33.01	Pass	
	15	0	22.83	1.59	24.42	<=33.01	Pass		
	1908.5	1	0	23.90	1.59	25.49	<=33.01	Pass	
			7	23.84	1.59	25.43	<=33.01	Pass	
			14	23.68	1.59	25.27	<=33.01	Pass	
		8	0	22.63	1.59	24.22	<=33.01	Pass	
			4	22.67	1.59	24.26	<=33.01	Pass	
			7	22.68	1.59	24.27	<=33.01	Pass	
		15	0	22.65	1.59	24.24	<=33.01	Pass	
16QAM		1851.5	1	0	22.98	1.59	24.57	<=33.01	Pass
				7	23.11	1.59	24.70	<=33.01	Pass
	14			23.12	1.59	24.71	<=33.01	Pass	
	8		0	21.89	1.59	23.48	<=33.01	Pass	
			4	21.95	1.59	23.54	<=33.01	Pass	
			7	21.99	1.59	23.58	<=33.01	Pass	
	15		0	21.88	1.59	23.47	<=33.01	Pass	
	1880	1	0	23.13	1.59	24.72	<=33.01	Pass	
			7	23.23	1.59	24.82	<=33.01	Pass	
			14	23.19	1.59	24.78	<=33.01	Pass	
		8	0	22.20	1.59	23.79	<=33.01	Pass	
			4	22.24	1.59	23.83	<=33.01	Pass	
			7	22.28	1.59	23.87	<=33.01	Pass	
	15	0	22.18	1.59	23.77	<=33.01	Pass		
	1908.5	1	0	22.87	1.59	24.46	<=33.01	Pass	
			7	22.91	1.59	24.50	<=33.01	Pass	
			14	22.98	1.59	24.57	<=33.01	Pass	
		8	0	21.91	1.59	23.50	<=33.01	Pass	
			4	21.94	1.59	23.53	<=33.01	Pass	
			7	21.98	1.59	23.57	<=33.01	Pass	
		15	0	21.91	1.59	23.50	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	24.18	1.59	25.77	<=33.01	Pass
			13	23.91	1.59	25.50	<=33.01	Pass
			24	24.01	1.59	25.60	<=33.01	Pass
		12	0	22.79	1.59	24.38	<=33.01	Pass
			6	22.81	1.59	24.40	<=33.01	Pass
			13	22.83	1.59	24.42	<=33.01	Pass

	1880	25	0	22.78	1.59	24.37	<=33.01	Pass	
		1	0	24.27	1.59	25.86	<=33.01	Pass	
			13	23.83	1.59	25.42	<=33.01	Pass	
			24	24.04	1.59	25.63	<=33.01	Pass	
			0	22.84	1.59	24.43	<=33.01	Pass	
		12	6	22.91	1.59	24.50	<=33.01	Pass	
			13	22.92	1.59	24.51	<=33.01	Pass	
			25	0	22.89	1.59	24.48	<=33.01	Pass
		1907.5	1	0	21.99	1.59	23.58	<=33.01	Pass
				13	23.80	1.59	25.39	<=33.01	Pass
	24			23.93	1.59	25.52	<=33.01	Pass	
	12		0	22.49	1.59	24.08	<=33.01	Pass	
			6	22.60	1.59	24.19	<=33.01	Pass	
			13	22.74	1.59	24.33	<=33.01	Pass	
	25		0	22.63	1.59	24.22	<=33.01	Pass	

16QAM	1852.5	1	0	23.26	1.59	24.85	<=33.01	Pass
			13	23.17	1.59	24.76	<=33.01	Pass
			24	23.20	1.59	24.79	<=33.01	Pass
		12	0	21.92	1.59	23.51	<=33.01	Pass
			6	21.98	1.59	23.57	<=33.01	Pass
			13	21.98	1.59	23.57	<=33.01	Pass
		25	0	21.95	1.59	23.54	<=33.01	Pass
	1880	1	0	23.48	1.59	25.07	<=33.01	Pass
			13	23.22	1.59	24.81	<=33.01	Pass
			24	23.38	1.59	24.97	<=33.01	Pass
		12	0	22.16	1.59	23.75	<=33.01	Pass
			6	22.22	1.59	23.81	<=33.01	Pass
			13	22.19	1.59	23.78	<=33.01	Pass
	25	0	22.21	1.59	23.80	<=33.01	Pass	
	1907.5	1	0	23.06	1.59	24.65	<=33.01	Pass
			13	23.11	1.59	24.70	<=33.01	Pass
			24	23.13	1.59	24.72	<=33.01	Pass
		12	0	21.78	1.59	23.37	<=33.01	Pass
			6	21.87	1.59	23.46	<=33.01	Pass
			13	21.94	1.59	23.53	<=33.01	Pass
25	0	21.91	1.59	23.50	<=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	24.19	1.59	25.78	<=33.01	Pass
			25	23.76	1.59	25.35	<=33.01	Pass
			49	24.10	1.59	25.69	<=33.01	Pass
		25	0	22.73	1.59	24.32	<=33.01	Pass
			13	22.73	1.59	24.32	<=33.01	Pass
			25	22.62	1.59	24.21	<=33.01	Pass
		50	0	22.65	1.59	24.24	<=33.01	Pass
	1880	1	0	24.46	1.59	26.05	<=33.01	Pass
			25	23.85	1.59	25.44	<=33.01	Pass
			49	24.33	1.59	25.92	<=33.01	Pass
		25	0	22.76	1.59	24.35	<=33.01	Pass
			13	22.88	1.59	24.47	<=33.01	Pass
			25	22.90	1.59	24.49	<=33.01	Pass
		50	0	22.82	1.59	24.41	<=33.01	Pass

16QAM	1905	1	0	24.21	1.59	25.80	<=33.01	Pass
			25	23.53	1.59	25.12	<=33.01	Pass
			49	24.13	1.59	25.72	<=33.01	Pass
		25	0	22.31	1.59	23.90	<=33.01	Pass
			13	22.47	1.59	24.06	<=33.01	Pass
			25	22.58	1.59	24.17	<=33.01	Pass
		50	0	22.41	1.59	24.00	<=33.01	Pass
	1855	1	0	23.59	1.59	25.18	<=33.01	Pass
			25	23.04	1.59	24.63	<=33.01	Pass
			49	23.39	1.59	24.98	<=33.01	Pass
		12	0	23.04	1.59	24.63	<=33.01	Pass
			19	22.78	1.59	24.37	<=33.01	Pass
			38	22.94	1.59	24.53	<=33.01	Pass
		27	0	21.88	1.59	23.47	<=33.01	Pass
	1880	1	0	23.50	1.59	25.09	<=33.01	Pass
			25	23.26	1.59	24.85	<=33.01	Pass
			49	23.50	1.59	25.09	<=33.01	Pass
		12	0	23.14	1.59	24.73	<=33.01	Pass
			19	22.93	1.59	24.52	<=33.01	Pass
			38	23.14	1.59	24.73	<=33.01	Pass
		27	0	22.09	1.59	23.68	<=33.01	Pass
	1905	1	0	23.26	1.59	24.85	<=33.01	Pass
			25	22.78	1.59	24.37	<=33.01	Pass
			49	23.47	1.59	25.06	<=33.01	Pass
		12	0	22.78	1.59	24.37	<=33.01	Pass
			19	22.58	1.59	24.17	<=33.01	Pass
			38	22.99	1.59	24.58	<=33.01	Pass
		27	23	21.81	1.59	23.40	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.98	1.59	25.57	<=33.01	Pass
			38	23.71	1.59	25.30	<=33.01	Pass
			74	23.47	1.59	25.06	<=33.01	Pass
		36	0	22.58	1.59	24.17	<=33.01	Pass
			18	22.66	1.59	24.25	<=33.01	Pass
			39	22.46	1.59	24.05	<=33.01	Pass
		75	0	22.53	1.59	24.12	<=33.01	Pass
	1880	1	0	23.78	1.59	25.37	<=33.01	Pass
			38	23.89	1.59	25.48	<=33.01	Pass
			74	23.80	1.59	25.39	<=33.01	Pass
		36	0	22.75	1.59	24.34	<=33.01	Pass
			18	22.90	1.59	24.49	<=33.01	Pass
			39	22.85	1.59	24.44	<=33.01	Pass
		75	0	22.70	1.59	24.29	<=33.01	Pass
	1902.5	1	0	22.44	1.59	24.03	<=33.01	Pass
			38	23.62	1.59	25.21	<=33.01	Pass
			74	23.62	1.59	25.21	<=33.01	Pass
		36	0	22.47	1.59	24.06	<=33.01	Pass
			18	22.48	1.59	24.07	<=33.01	Pass
			39	22.49	1.59	24.08	<=33.01	Pass
		75	0	22.30	1.59	23.89	<=33.01	Pass
16QAM	1857.5	1	0	22.98	1.59	24.57	<=33.01	Pass

	1880	12	38	23.07	1.59	24.66	<=33.01	Pass
			74	22.85	1.59	24.44	<=33.01	Pass
			0	22.60	1.59	24.19	<=33.01	Pass
		27	31	22.74	1.59	24.33	<=33.01	Pass
			63	22.47	1.59	24.06	<=33.01	Pass
			0	21.75	1.59	23.34	<=33.01	Pass
		1	0	23.03	1.59	24.62	<=33.01	Pass
			38	23.23	1.59	24.82	<=33.01	Pass
			74	23.13	1.59	24.72	<=33.01	Pass
			0	22.67	1.59	24.26	<=33.01	Pass
			31	22.96	1.59	24.55	<=33.01	Pass
			63	22.75	1.59	24.34	<=33.01	Pass
	1902.5	1	0	22.07	1.59	23.66	<=33.01	Pass
			0	22.87	1.59	24.46	<=33.01	Pass
			38	22.80	1.59	24.39	<=33.01	Pass
			74	23.01	1.59	24.60	<=33.01	Pass
			0	22.40	1.59	23.99	<=33.01	Pass
			31	22.57	1.59	24.16	<=33.01	Pass
		12	63	22.58	1.59	24.17	<=33.01	Pass
			48	21.72	1.59	23.31	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

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	23.93	1.59	25.52	<=33.01	Pass
			50	23.56	1.59	25.15	<=33.01	Pass
			99	23.33	1.59	24.92	<=33.01	Pass
		50	0	22.44	1.59	24.03	<=33.01	Pass
			25	22.54	1.59	24.13	<=33.01	Pass
			50	22.47	1.59	24.06	<=33.01	Pass
		100	0	22.42	1.59	24.01	<=33.01	Pass
	1880	1	0	23.63	1.59	25.22	<=33.01	Pass
			50	23.85	1.59	25.44	<=33.01	Pass
			99	23.72	1.59	25.31	<=33.01	Pass
		50	0	22.60	1.59	24.19	<=33.01	Pass
			25	22.82	1.59	24.41	<=33.01	Pass
			50	22.77	1.59	24.36	<=33.01	Pass
		100	0	22.56	1.59	24.15	<=33.01	Pass
	1900	1	0	23.80	1.59	25.39	<=33.01	Pass
			50	23.52	1.59	25.11	<=33.01	Pass
			99	23.49	1.59	25.08	<=33.01	Pass
		50	0	22.39	1.59	23.98	<=33.01	Pass
			25	22.50	1.59	24.09	<=33.01	Pass
			50	22.39	1.59	23.98	<=33.01	Pass
		100	0	22.30	1.59	23.89	<=33.01	Pass
16QAM	1860	1	0	22.85	1.59	24.44	<=33.01	Pass
			50	22.88	1.59	24.47	<=33.01	Pass
			99	22.78	1.59	24.37	<=33.01	Pass
		12	0	22.47	1.59	24.06	<=33.01	Pass
			44	22.62	1.59	24.21	<=33.01	Pass
			88	22.25	1.59	23.84	<=33.01	Pass
		27	0	21.55	1.59	23.14	<=33.01	Pass
	1880	1	0	22.75	1.59	24.34	<=33.01	Pass
			50	23.12	1.59	24.71	<=33.01	Pass

		12	99	23.03	1.59	24.62	<=33.01	Pass
			0	22.42	1.59	24.01	<=33.01	Pass
			44	22.93	1.59	24.52	<=33.01	Pass
			88	22.59	1.59	24.18	<=33.01	Pass
		27	0	21.78	1.59	23.37	<=33.01	Pass
	1900	1	0	22.90	1.59	24.49	<=33.01	Pass
			50	22.90	1.59	24.49	<=33.01	Pass
			99	22.90	1.59	24.49	<=33.01	Pass
		12	0	22.46	1.59	24.05	<=33.01	Pass
			44	22.67	1.59	24.26	<=33.01	Pass
			88	22.43	1.59	24.02	<=33.01	Pass
		27	73	21.53	1.59	23.12	<=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	15.300	0.0081	-2.5 to 2.5	Pass
					3.85	-26.000	-0.0138	-2.5 to 2.5	Pass
					4.43	-25.400	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-13.800	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-16.100	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-11.700	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-14.200	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-16.100	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-13.000	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-20.400	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-25.000	-0.0133	-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	1.101	/	Pass
	16QAM	1880	6	0	1.097	/	Pass
3	QPSK	1880	15	0	2.727	/	Pass
	16QAM	1880	15	0	2.722	/	Pass
5	QPSK	1880	25	0	4.500	/	Pass
	16QAM	1880	25	0	4.496	/	Pass
10	QPSK	1880	50	0	8.978	/	Pass
	16QAM	1880	27	0	4.934	/	Pass
15	QPSK	1880	75	0	13.407	/	Pass

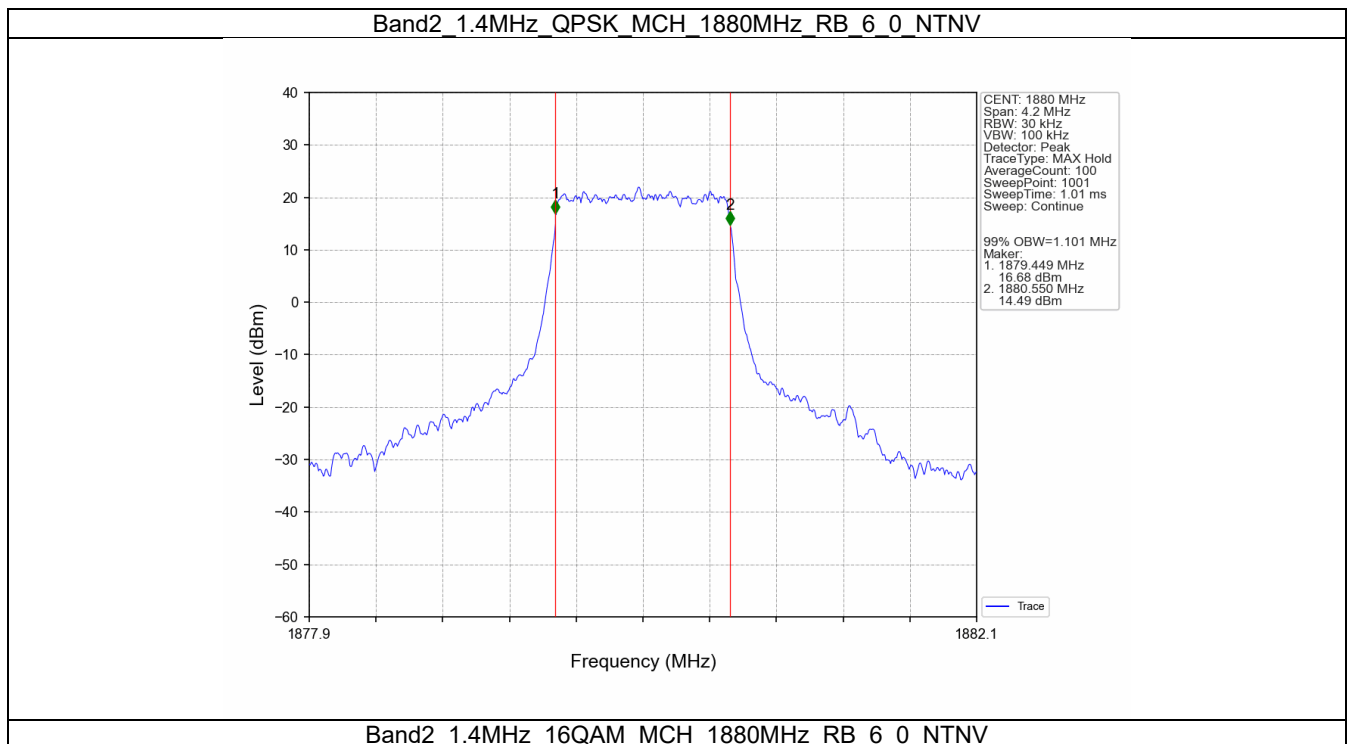
	16QAM	1880	27	0	4.971	/	Pass
20	QPSK	1880	100	0	17.999	/	Pass
	16QAM	1880	27	0	4.951	/	Pass

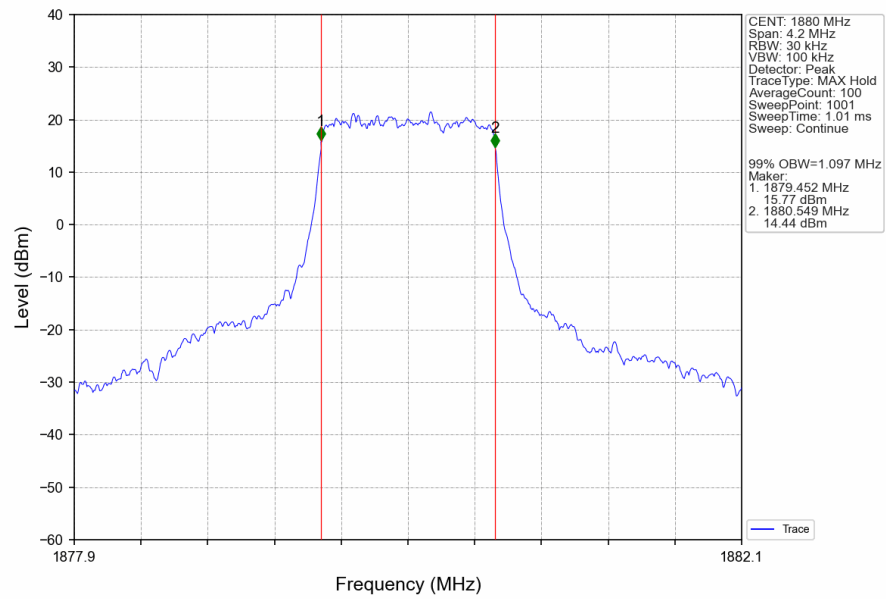
3.1.2 Band2_XDB

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.273	/	Pass
	16QAM	1880	6	0	1.279	/	Pass
3	QPSK	1880	15	0	3.025	/	Pass
	16QAM	1880	15	0	3.025	/	Pass
5	QPSK	1880	25	0	4.980	/	Pass
	16QAM	1880	25	0	4.962	/	Pass
10	QPSK	1880	50	0	9.748	/	Pass
	16QAM	1880	27	0	5.657	/	Pass
15	QPSK	1880	75	0	14.416	/	Pass
	16QAM	1880	27	0	5.648	/	Pass
20	QPSK	1880	100	0	19.261	/	Pass
	16QAM	1880	27	0	5.721	/	Pass

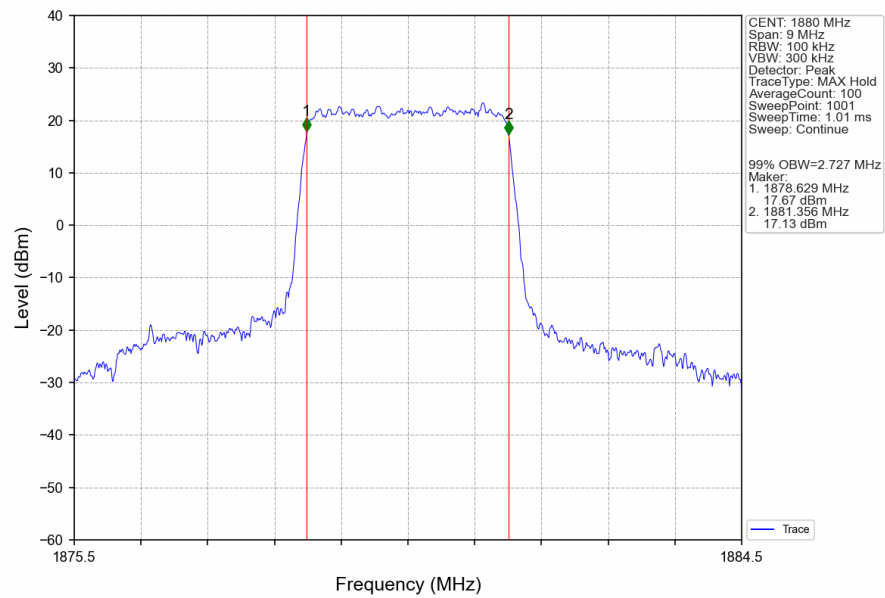
3.2 Test Graph

3.2.1 Band2_OBW

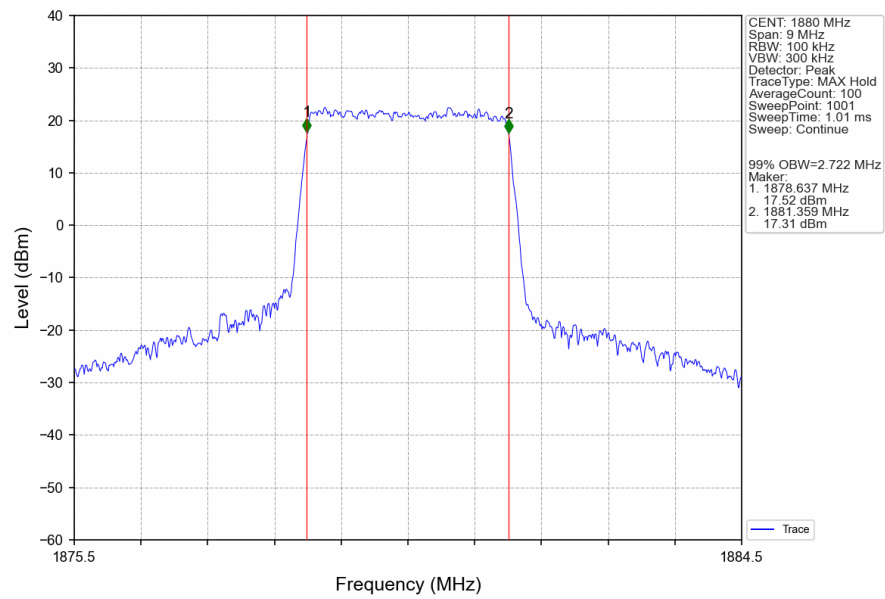




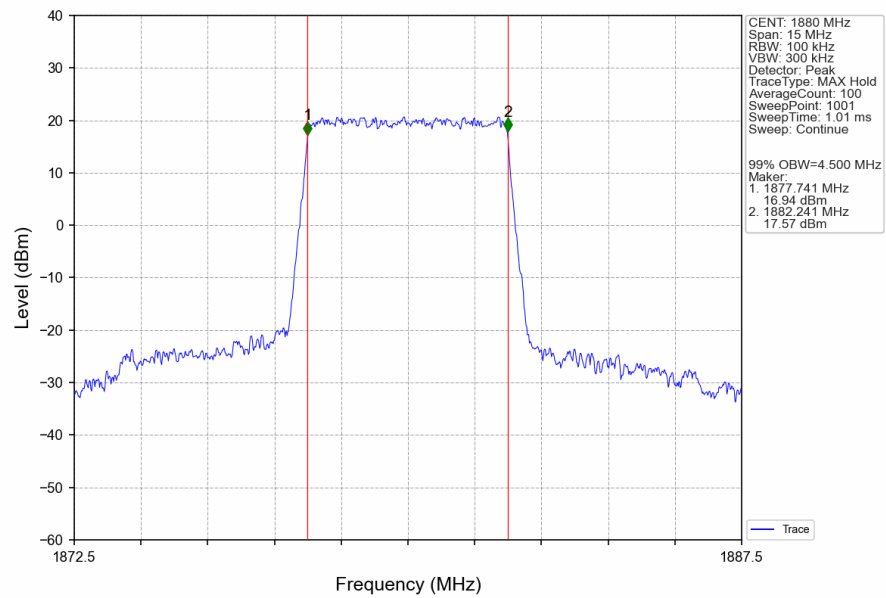
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



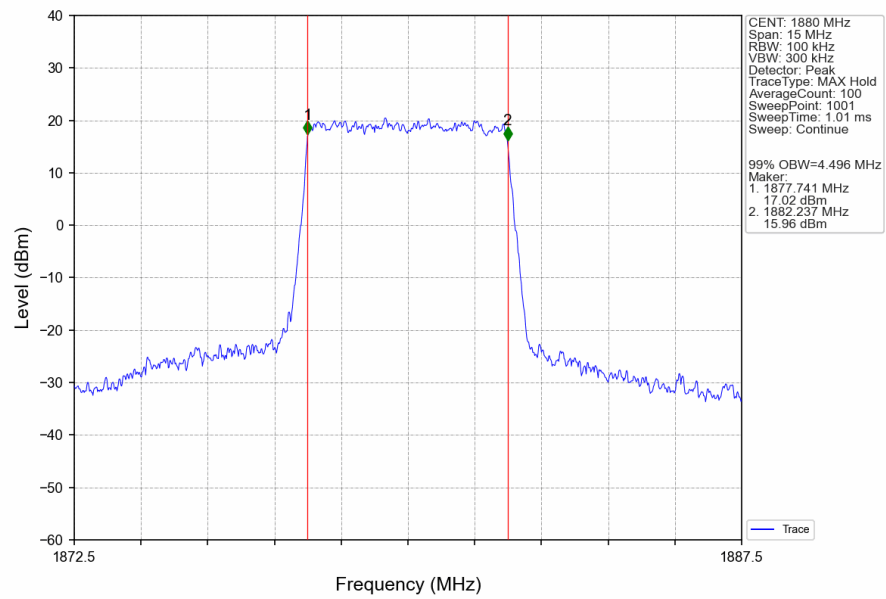
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



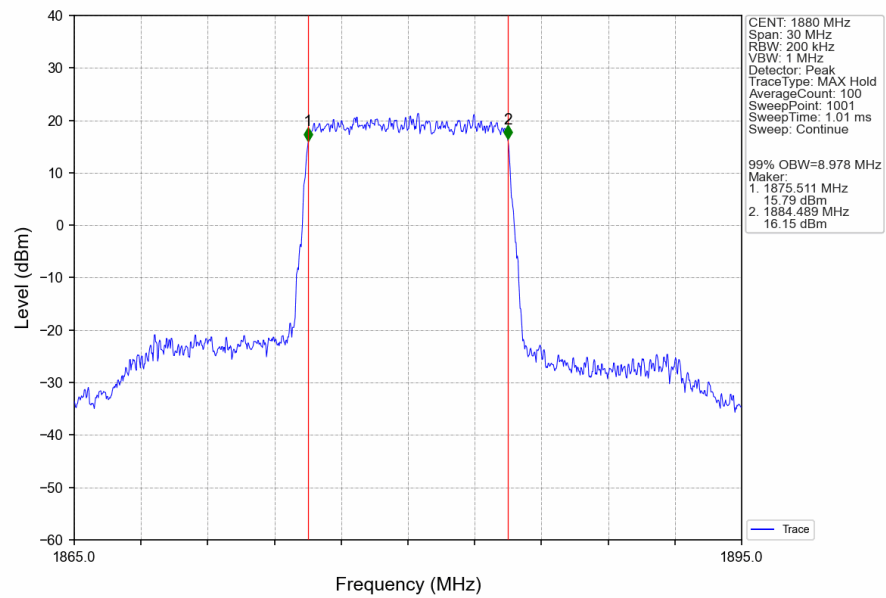
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



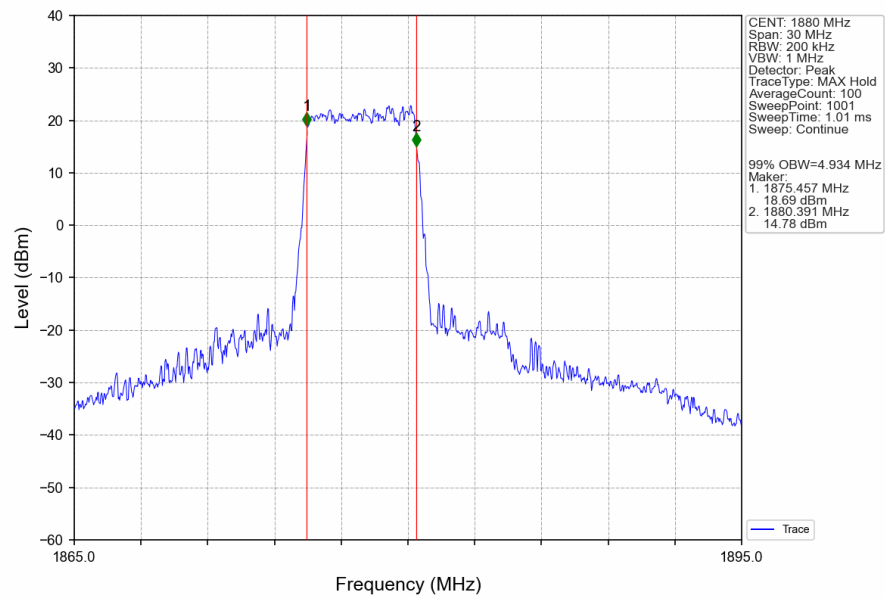
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



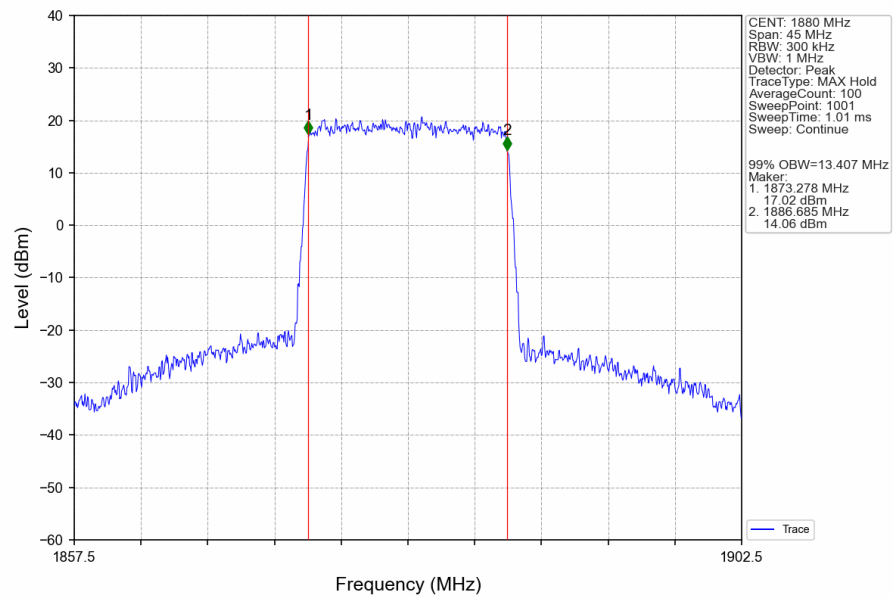
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



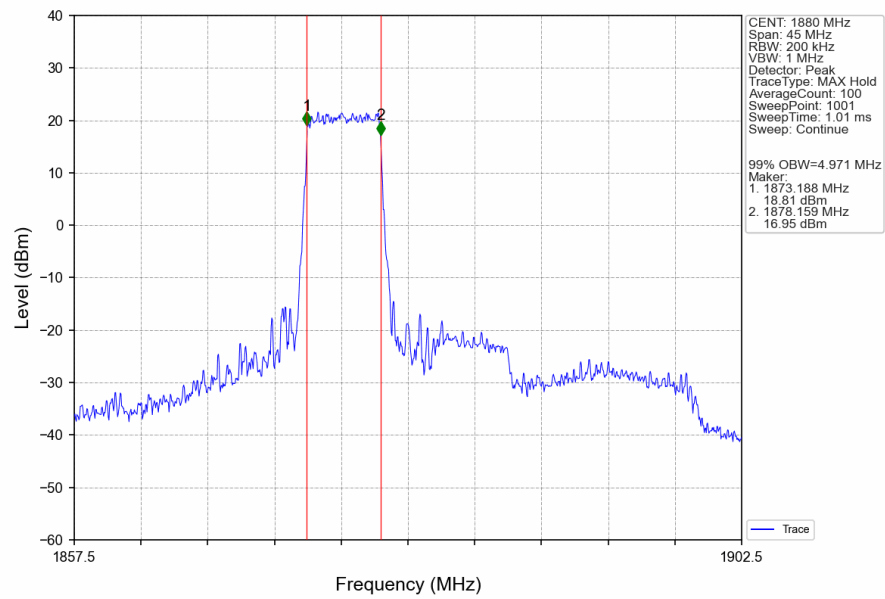
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



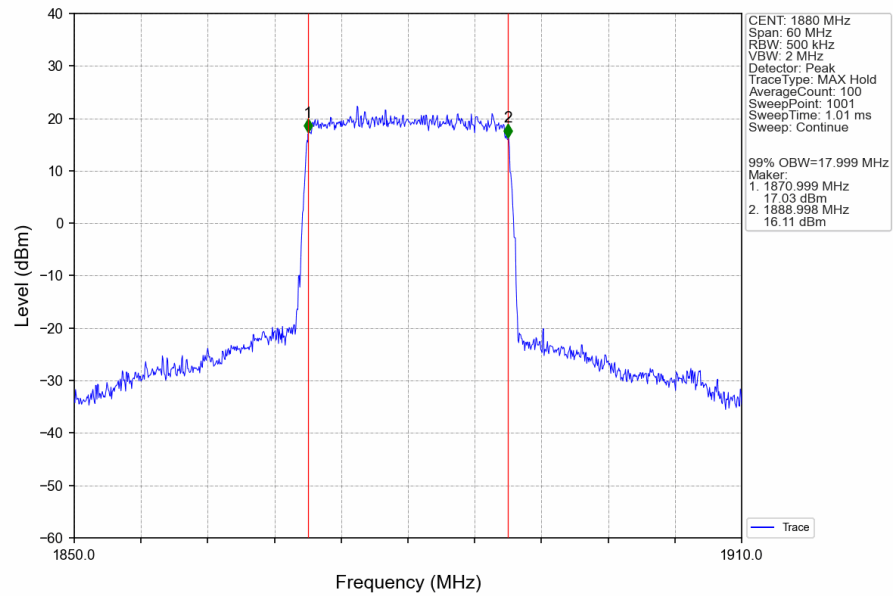
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



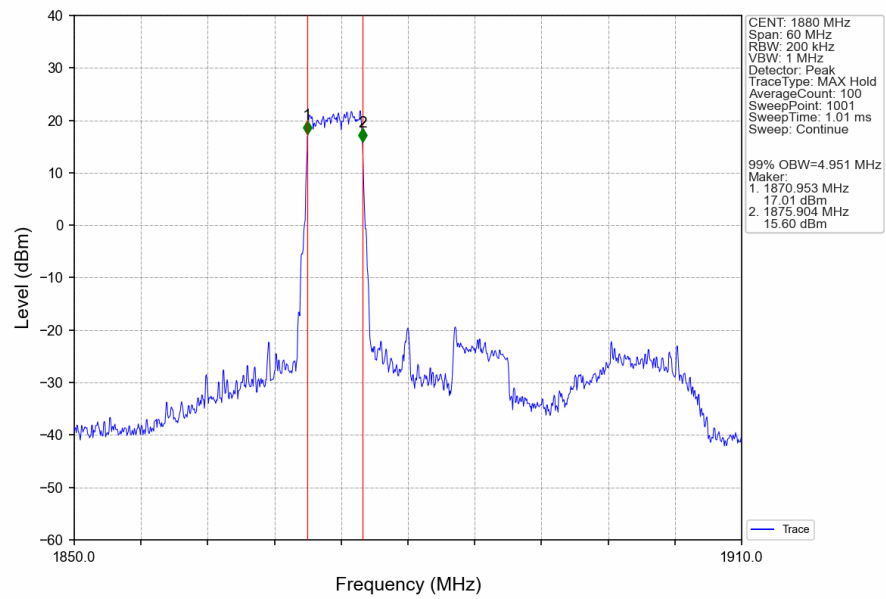
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



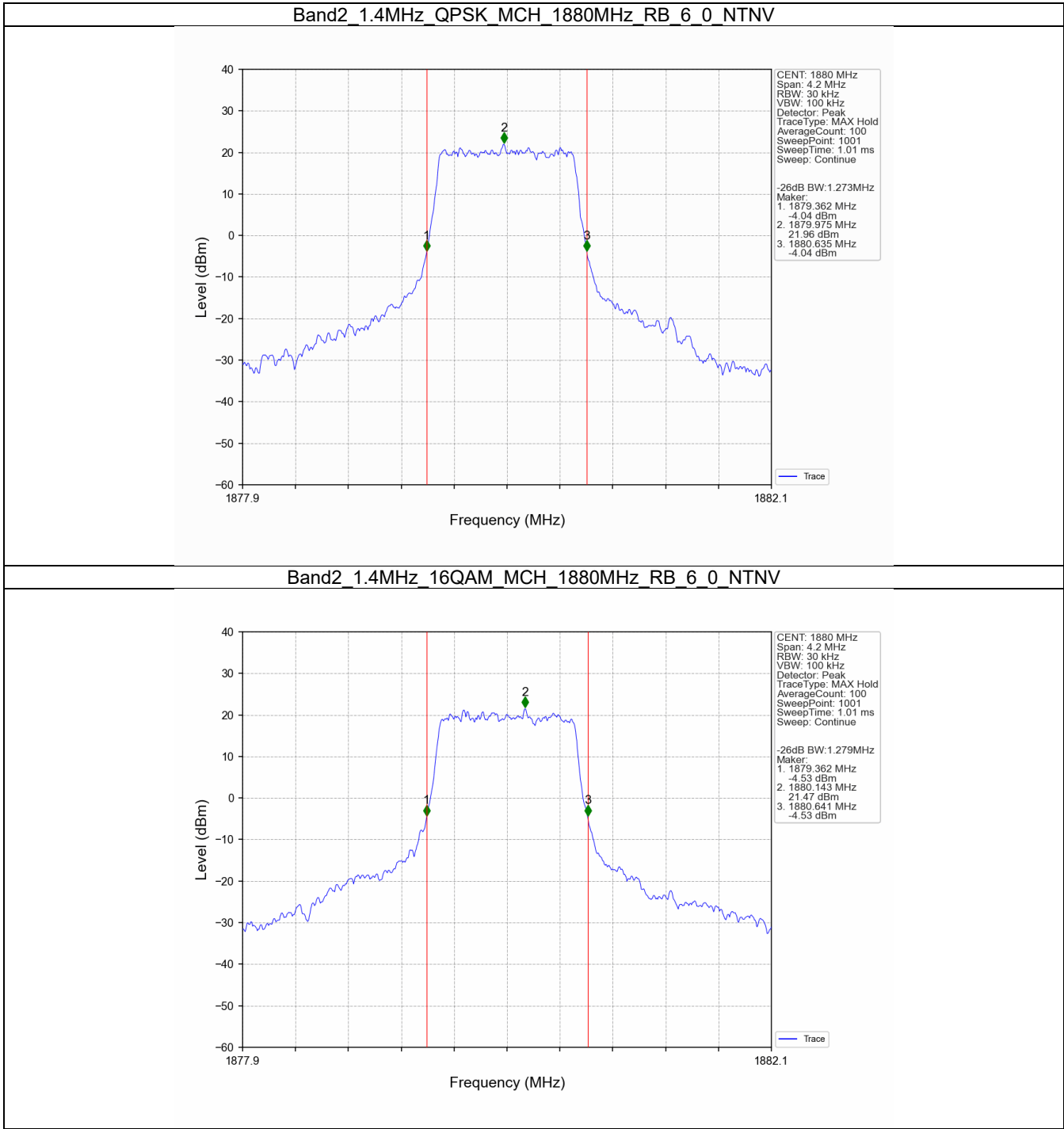
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



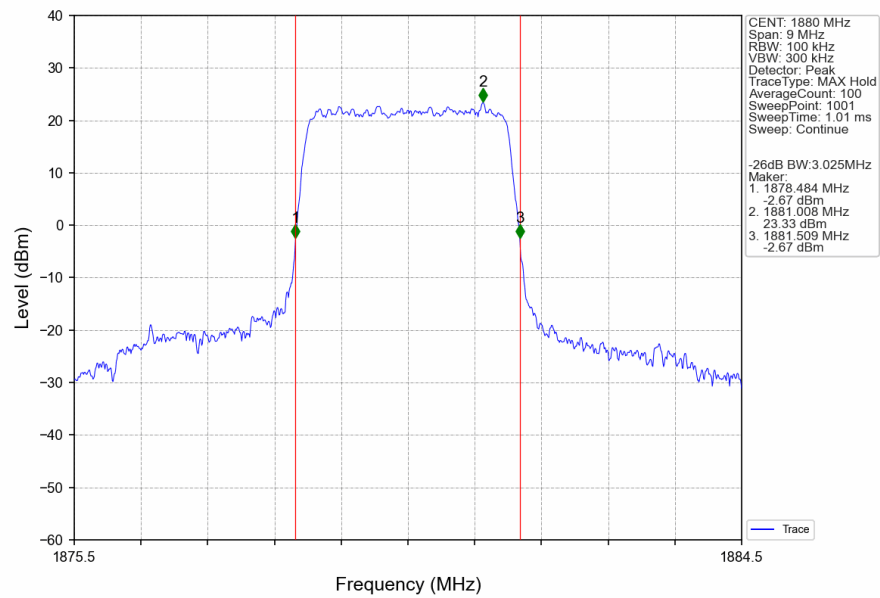
Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



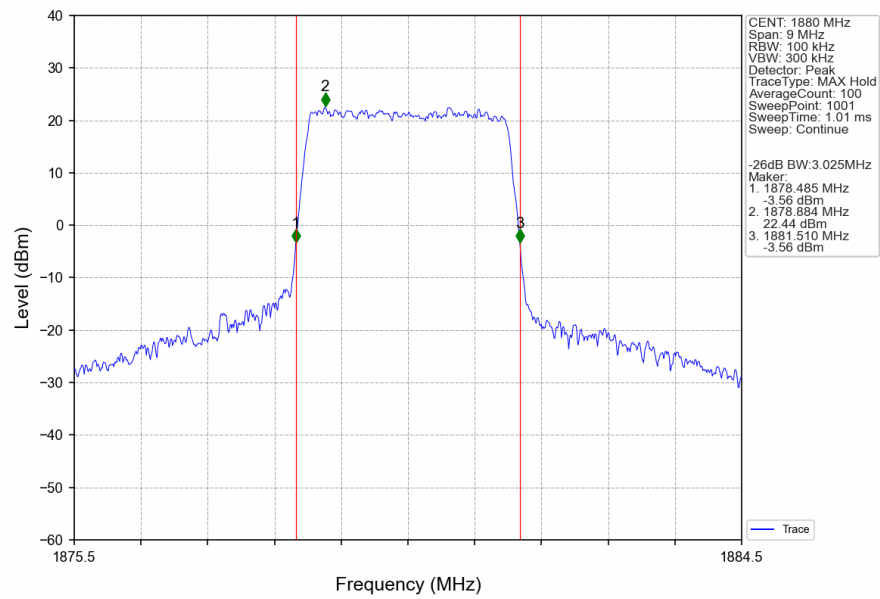
3.2.2 Band2_XDB



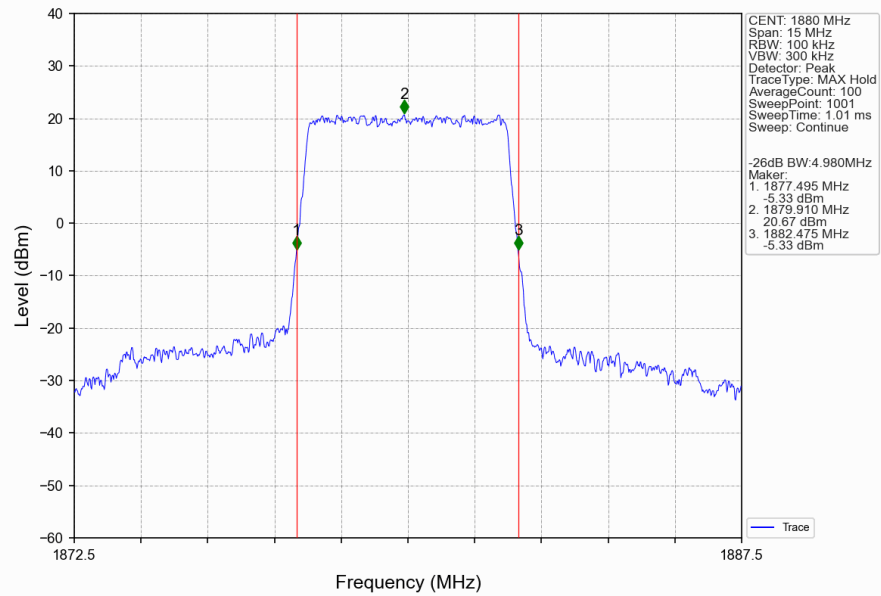
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



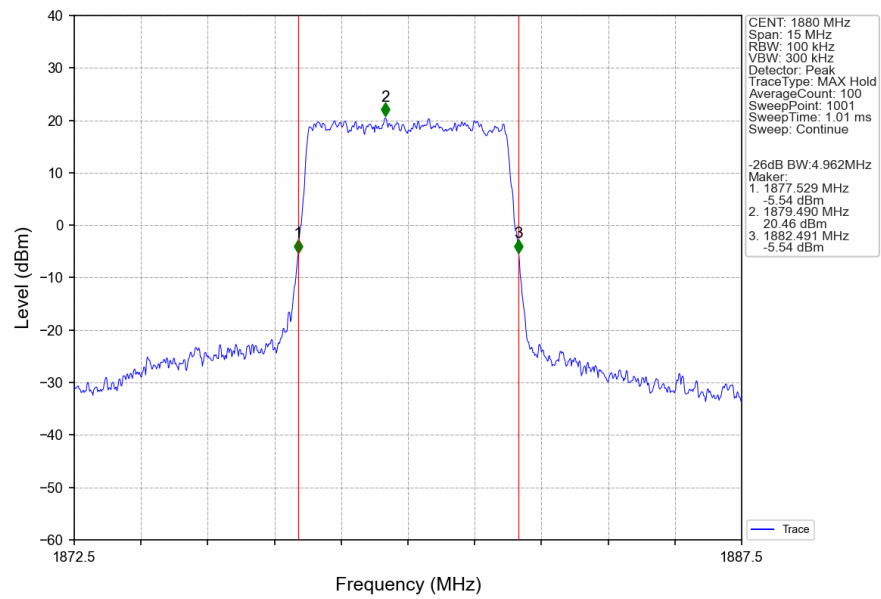
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



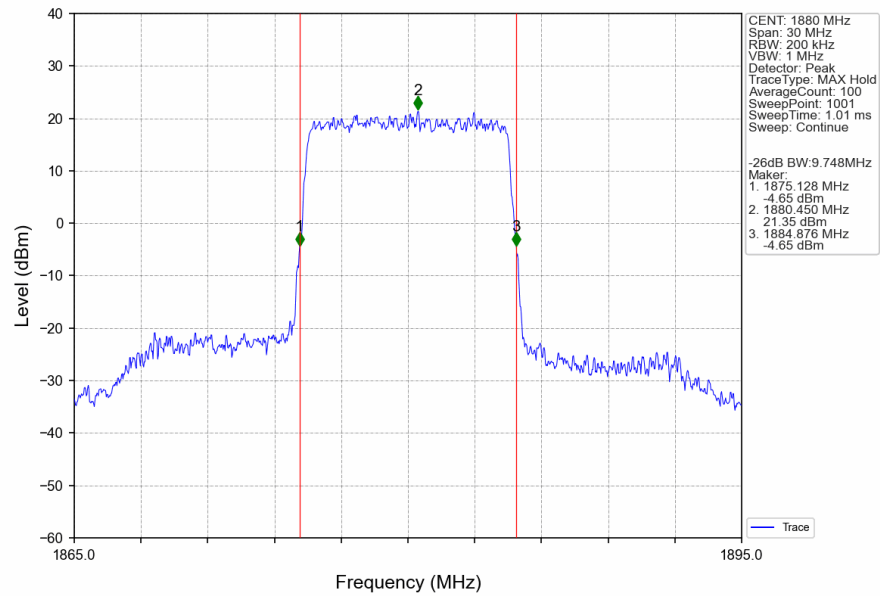
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



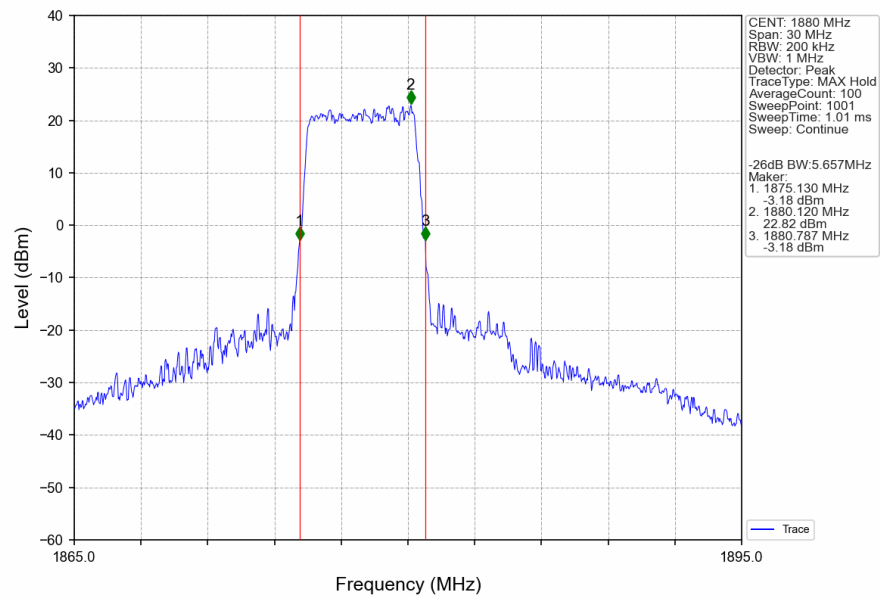
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



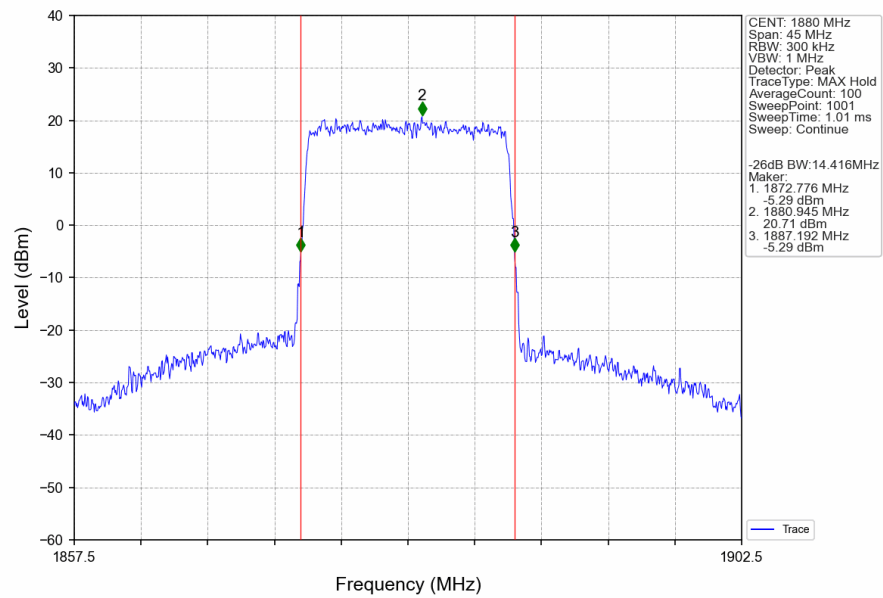
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



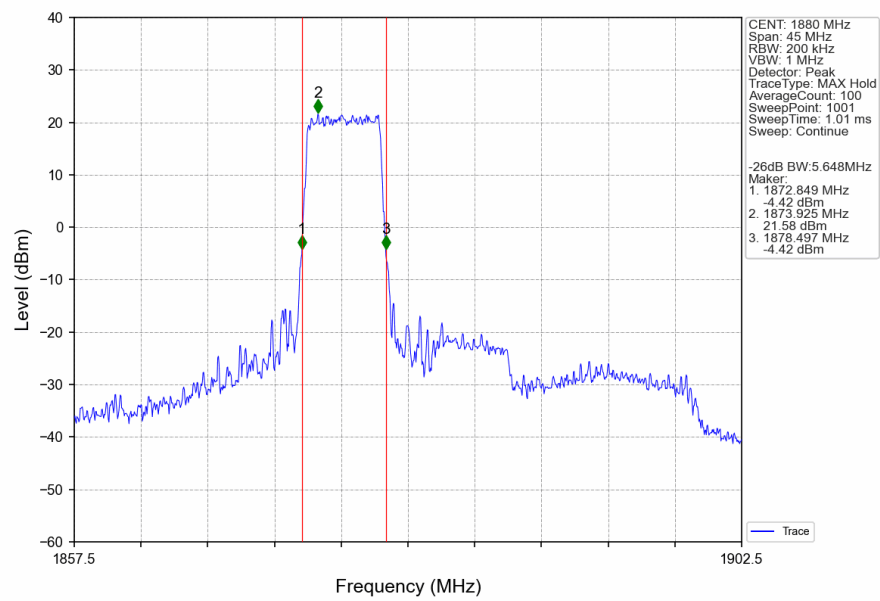
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



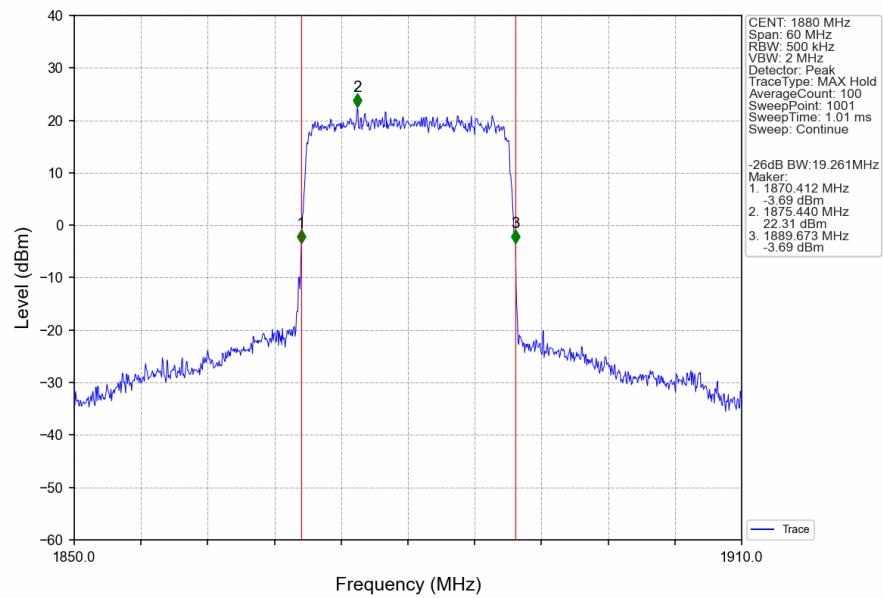
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



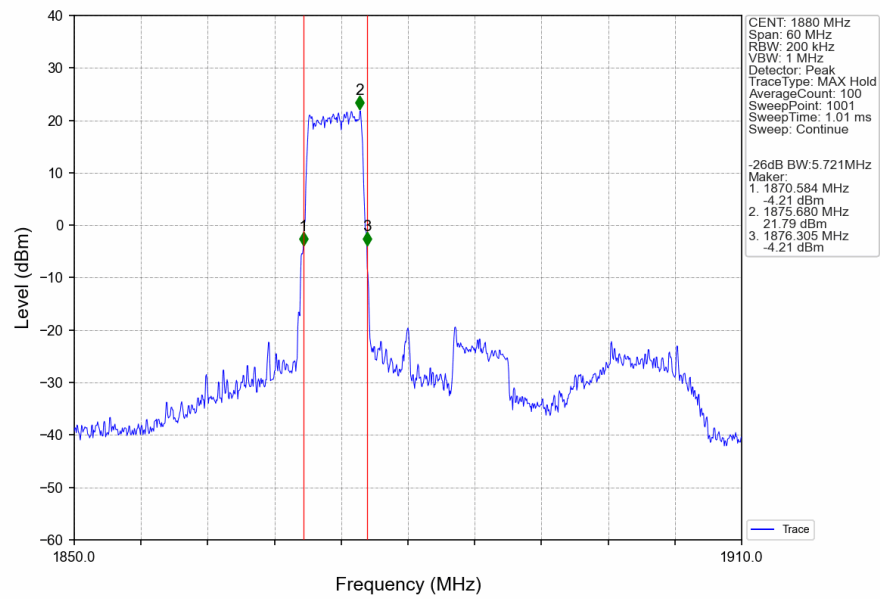
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



4. Peak-Average Ratio

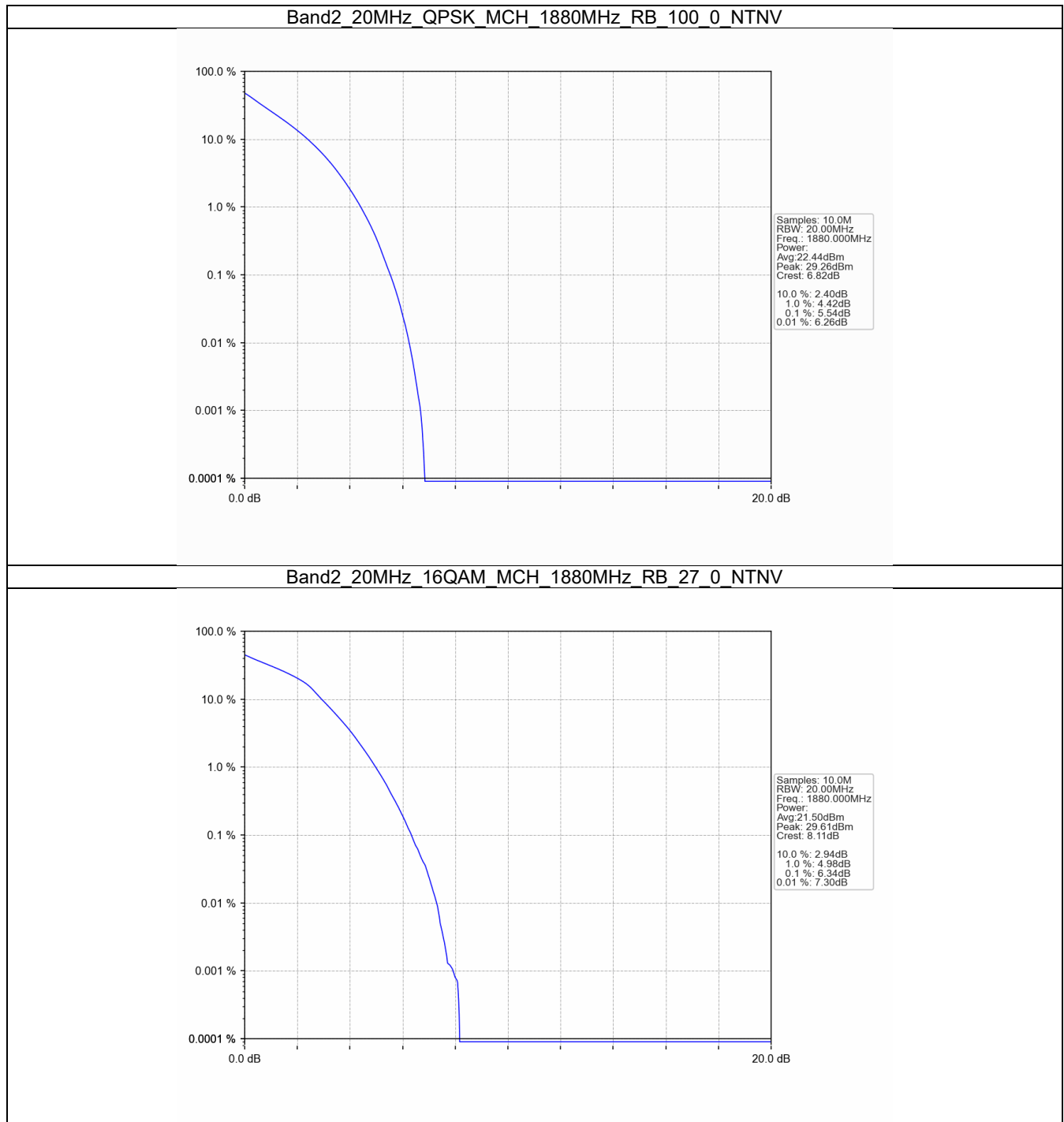
4.1 Test Result

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	6.34	<=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 / NTV						
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
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5.1.5 B2_15MHz

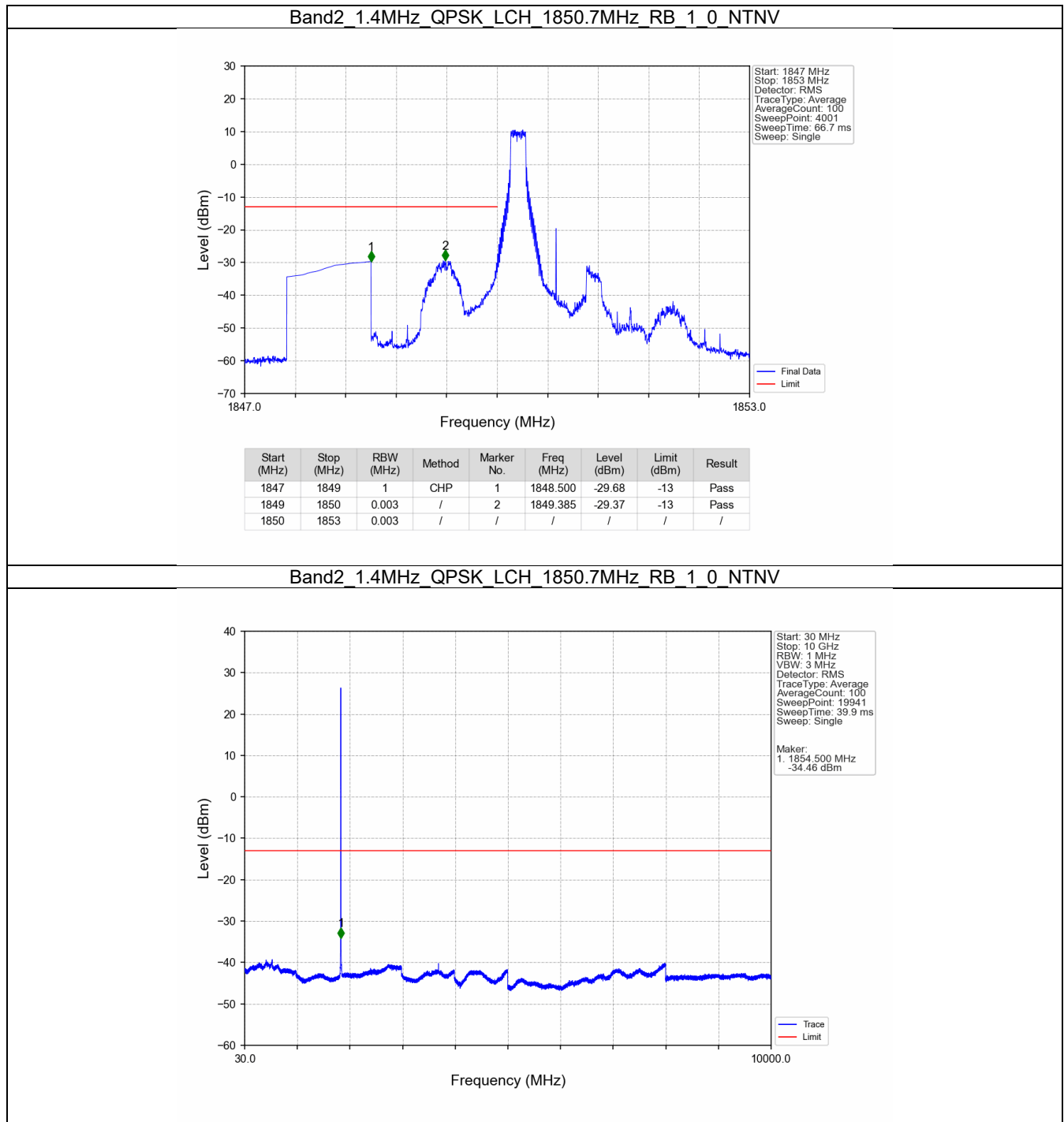
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.6 B2_20MHz

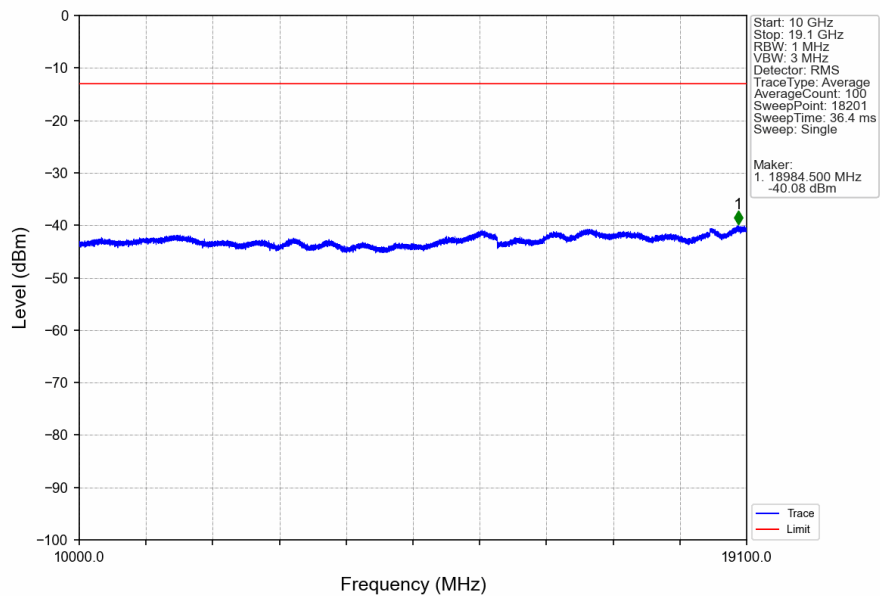
Band: 2 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

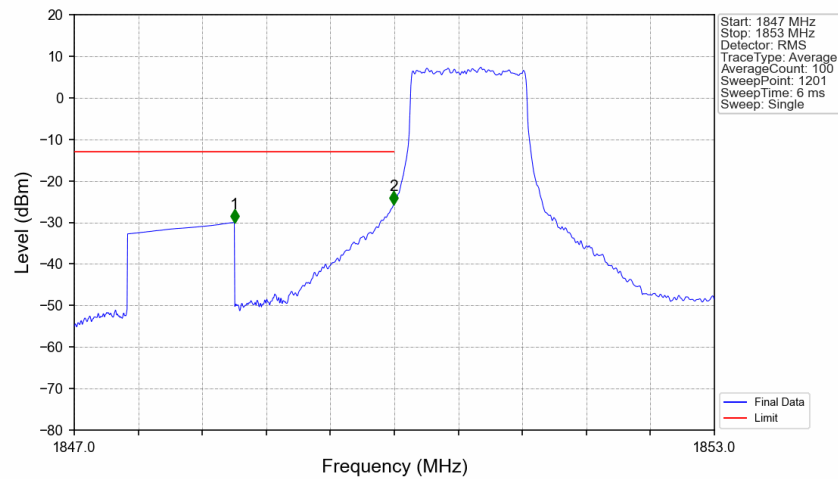
5.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

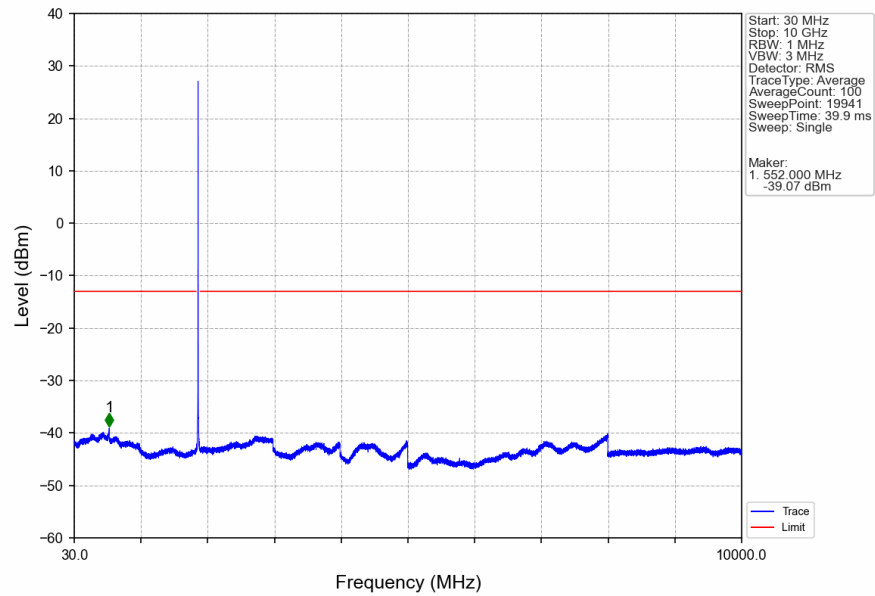


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

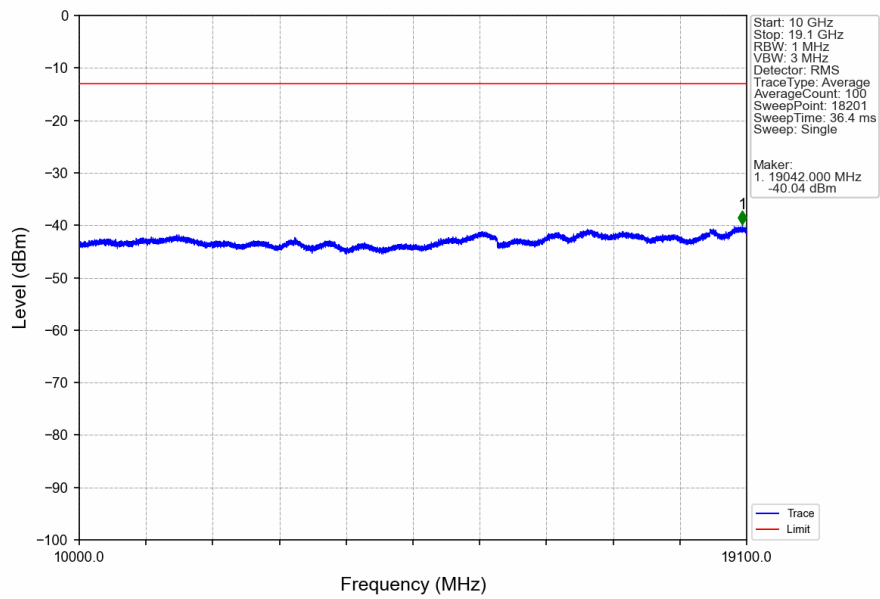


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-30.03	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-25.68	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

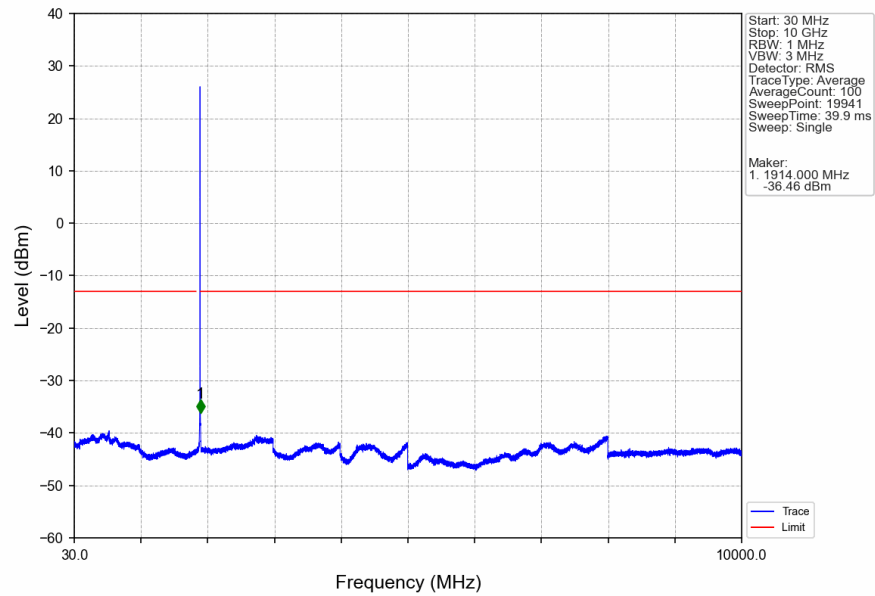
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



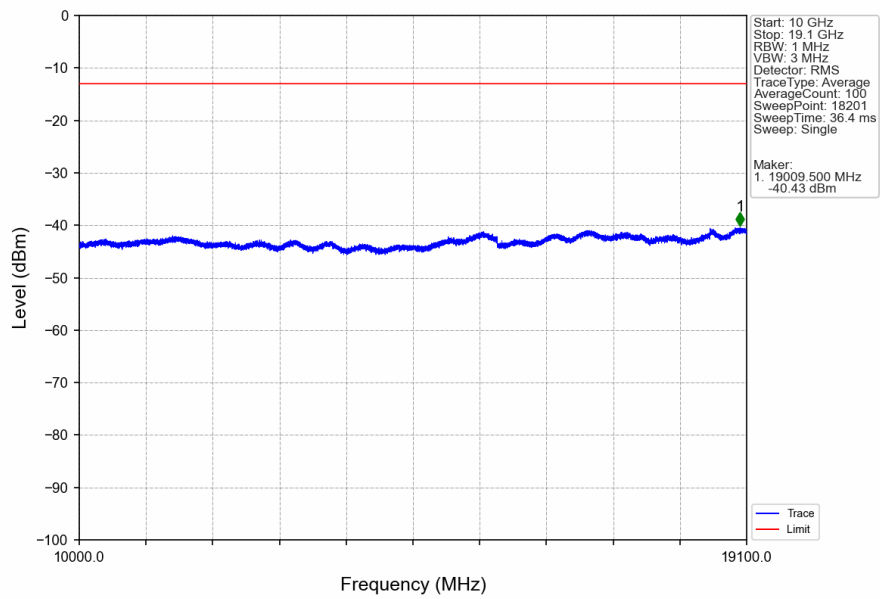
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



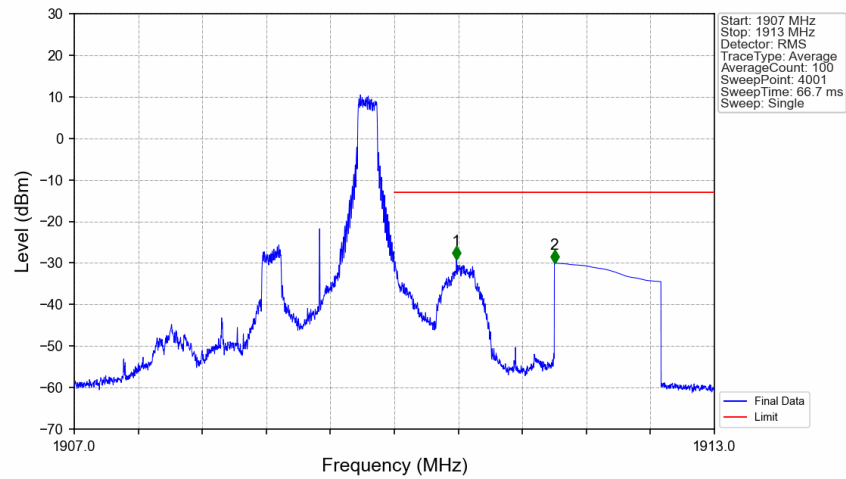
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

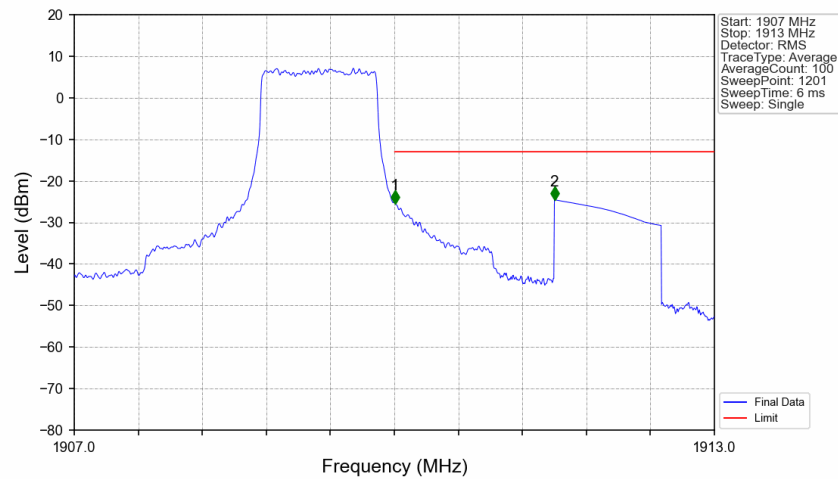


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



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	1910.582	-29.22	-13	Pass
1911	1913	1	CHP	2	1911.500	-30.01	-13	Pass

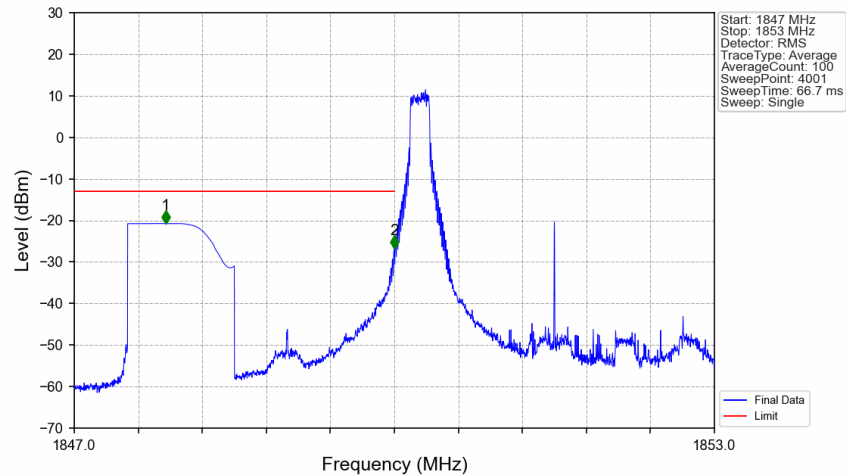
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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	-25.42	-13	Pass
1911	1913	1	CHP	2	1911.500	-24.55	-13	Pass

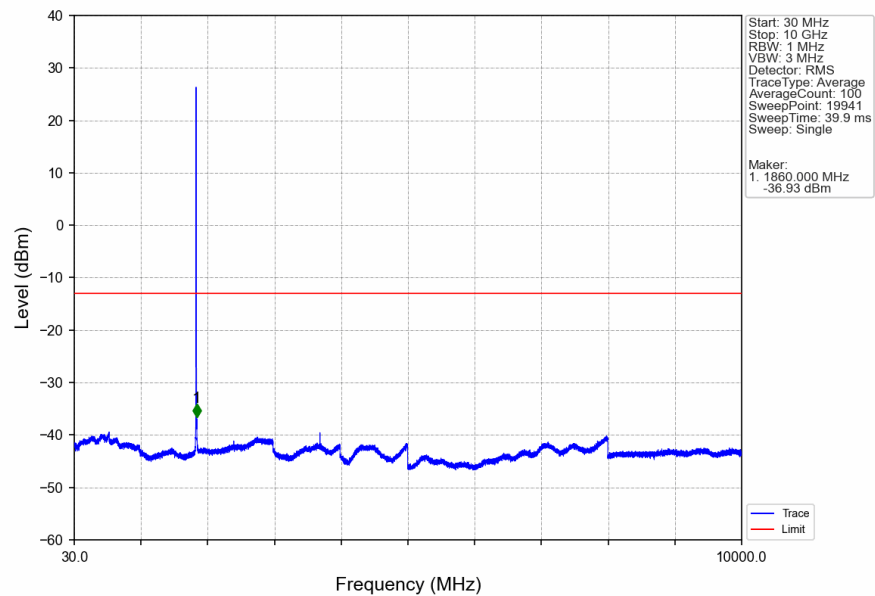
5.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

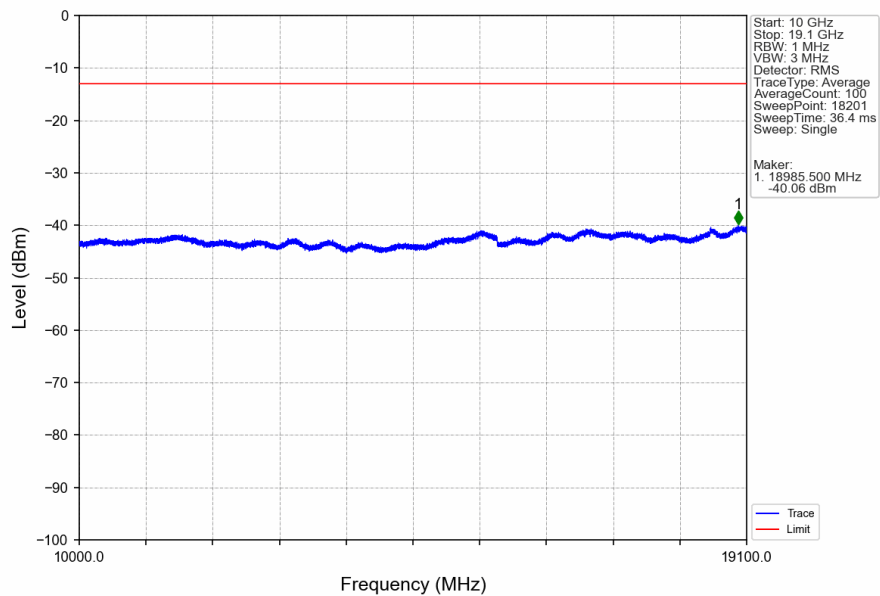


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.857	-20.75	-13	Pass
1849	1850	0.003	/	2	1849.998	-26.76	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

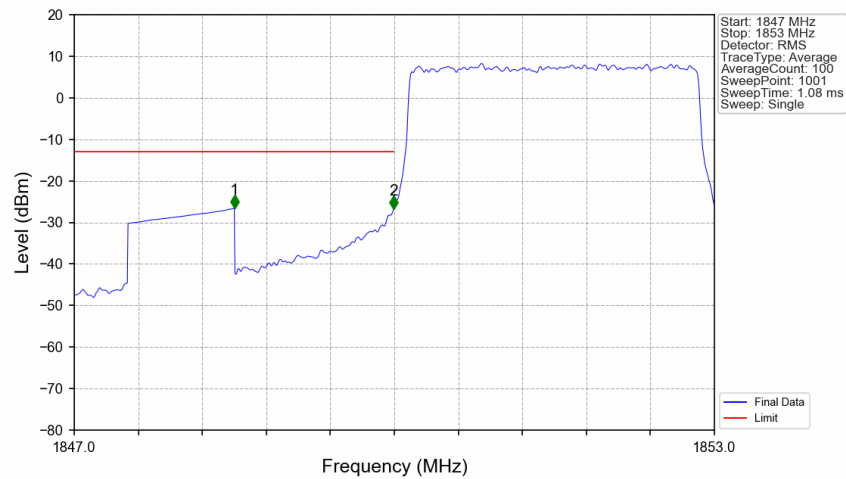
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

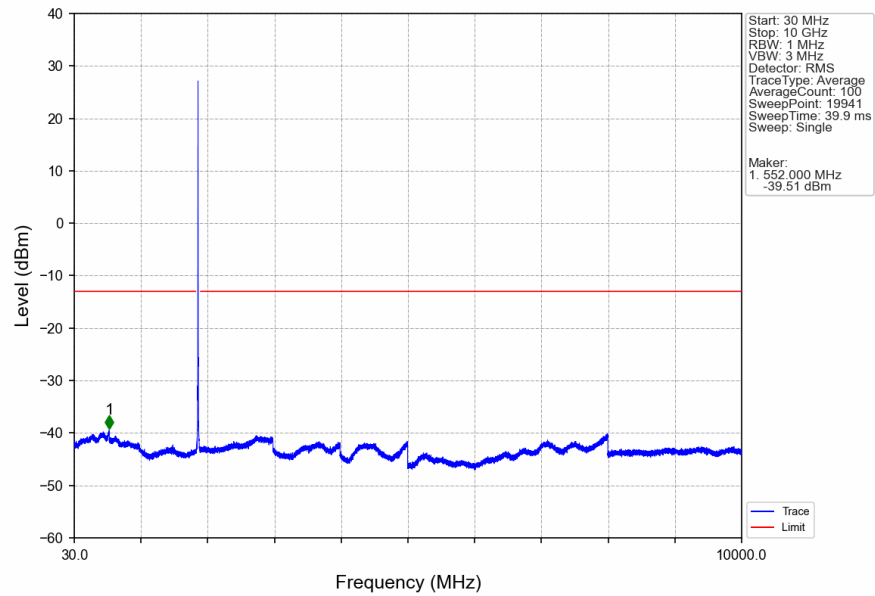


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

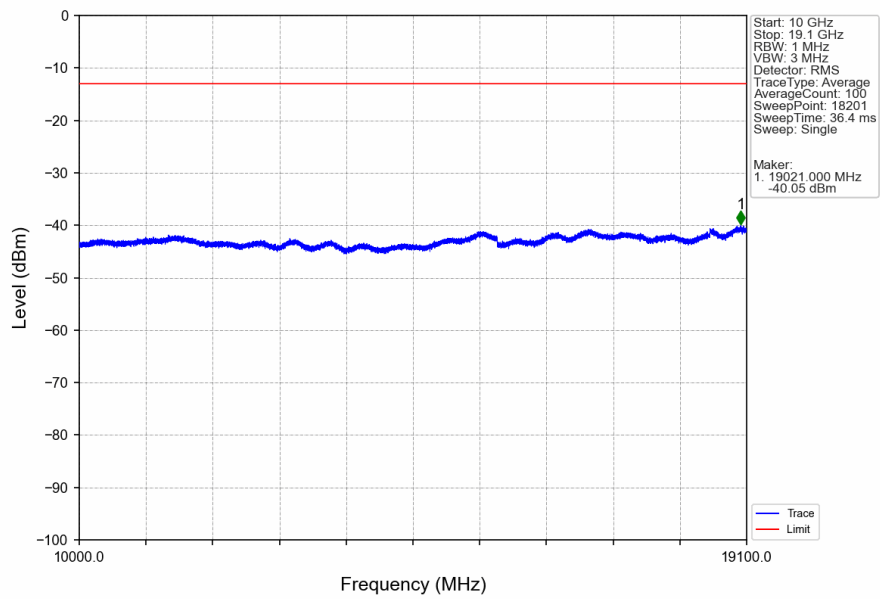


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-26.64	-13	Pass
1849	1850	0.03	/	2	1849.994	-26.82	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

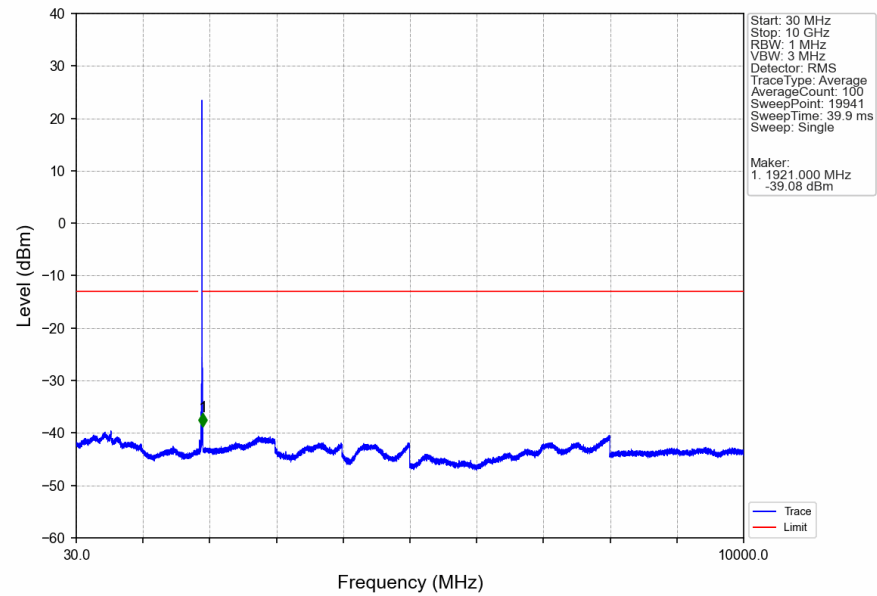
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



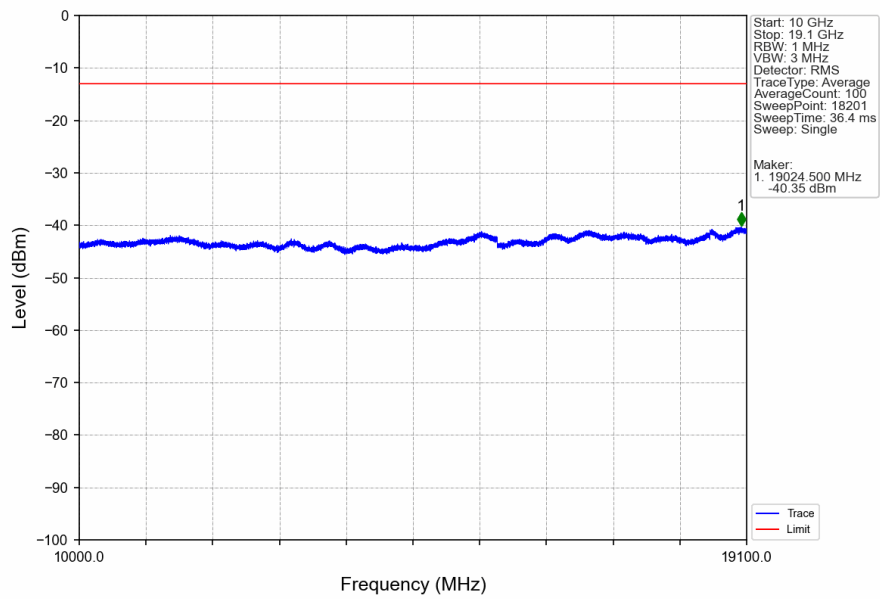
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



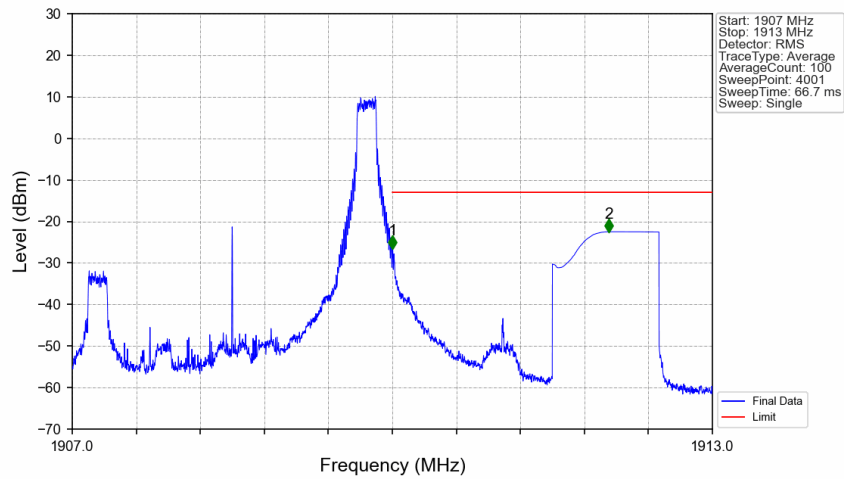
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

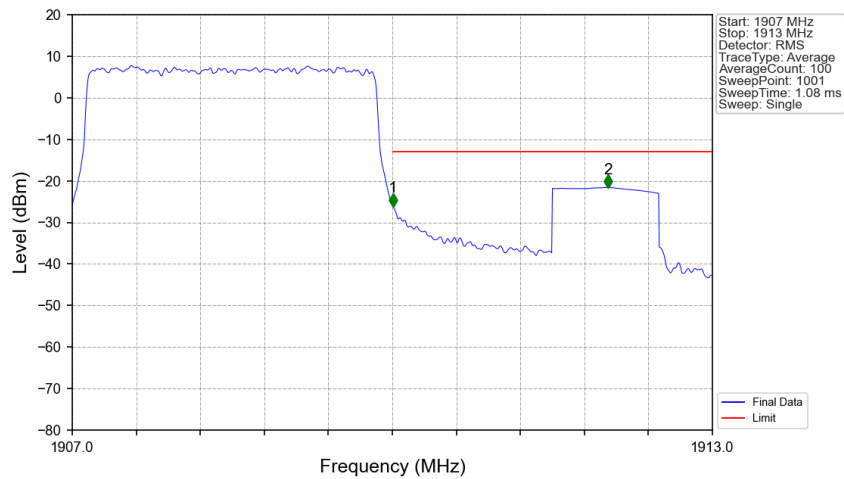


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



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	1910.002	-26.62	-13	Pass
1911	1913	1	CHP	2	1912.031	-22.50	-13	Pass

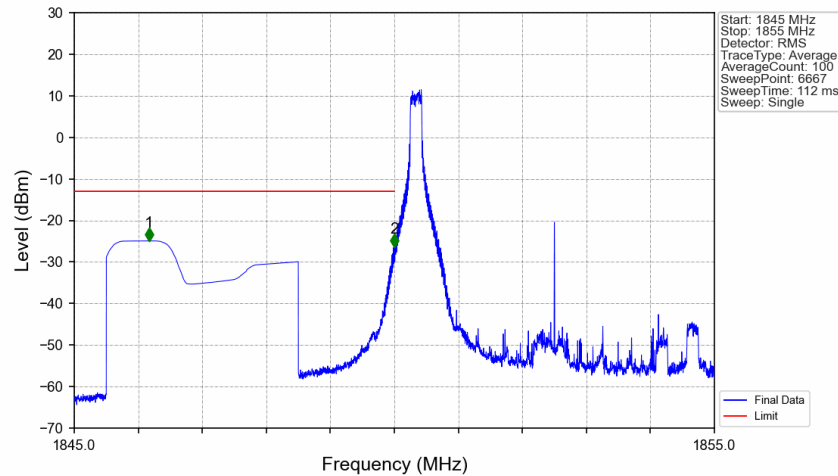
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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	-26.12	-13	Pass
1911	1913	1	CHP	2	1912.022	-21.60	-13	Pass

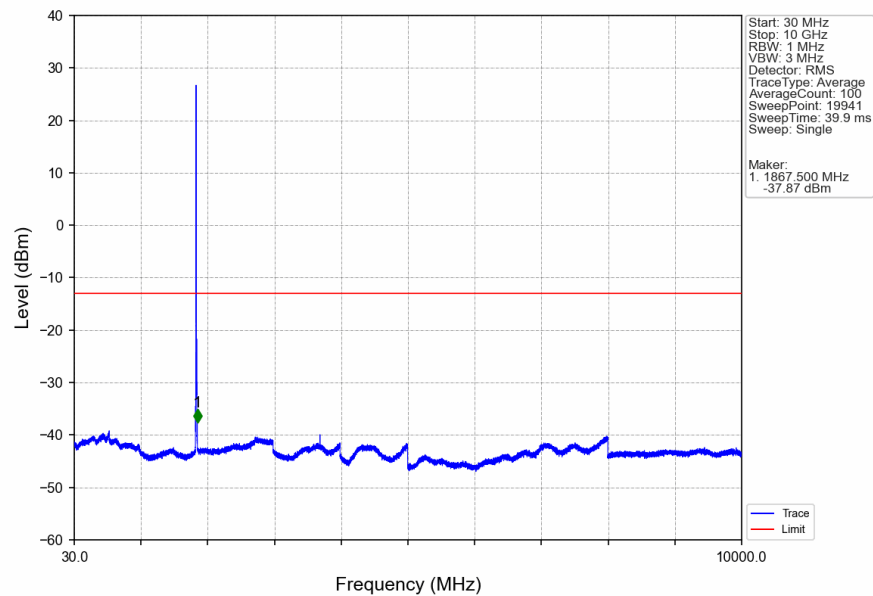
5.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

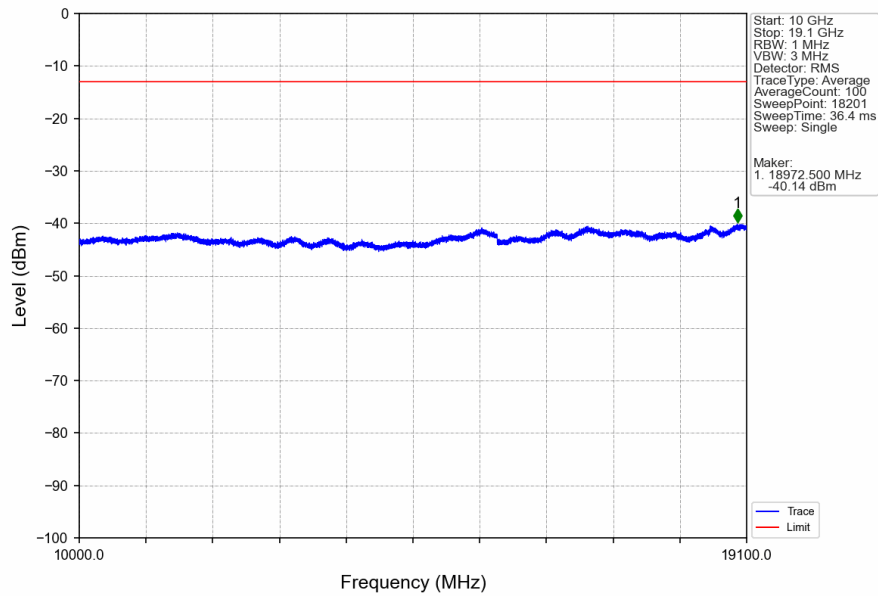


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1846.170	-24.94	-13	Pass
1849	1850	0.003	/	2	1849.998	-26.41	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

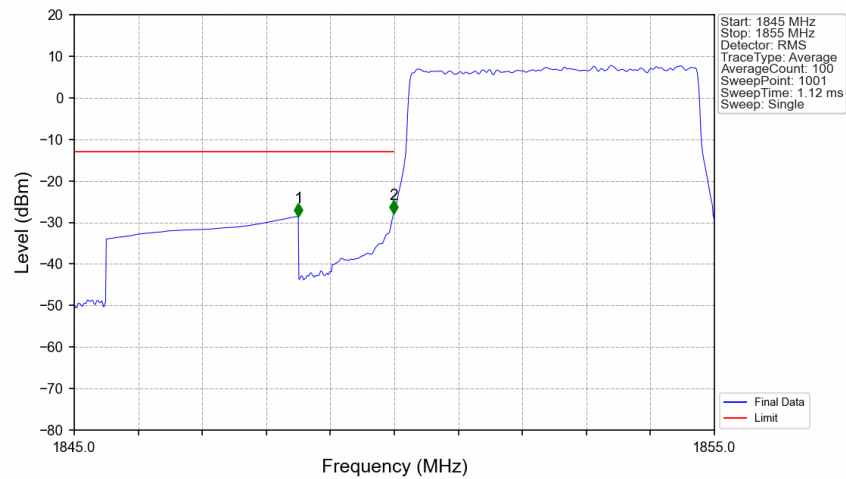
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

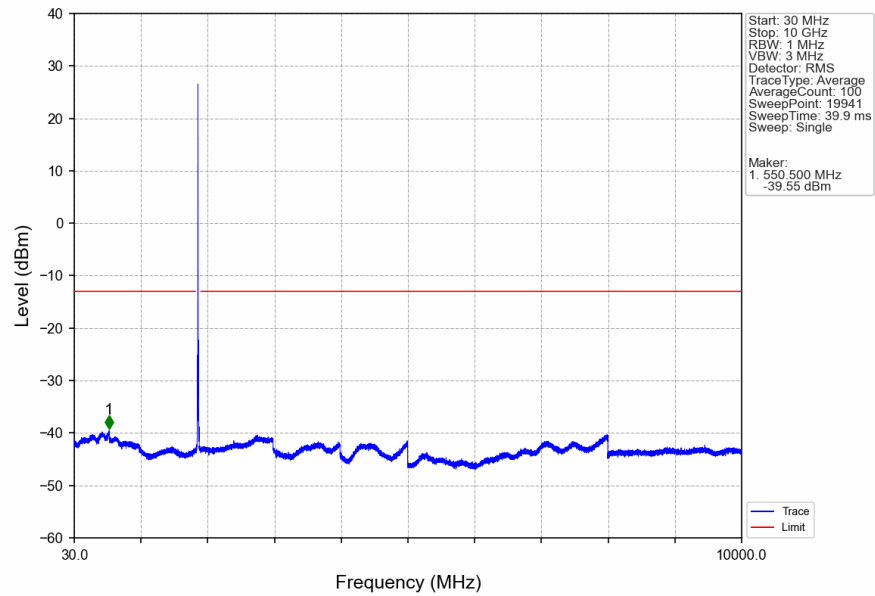


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

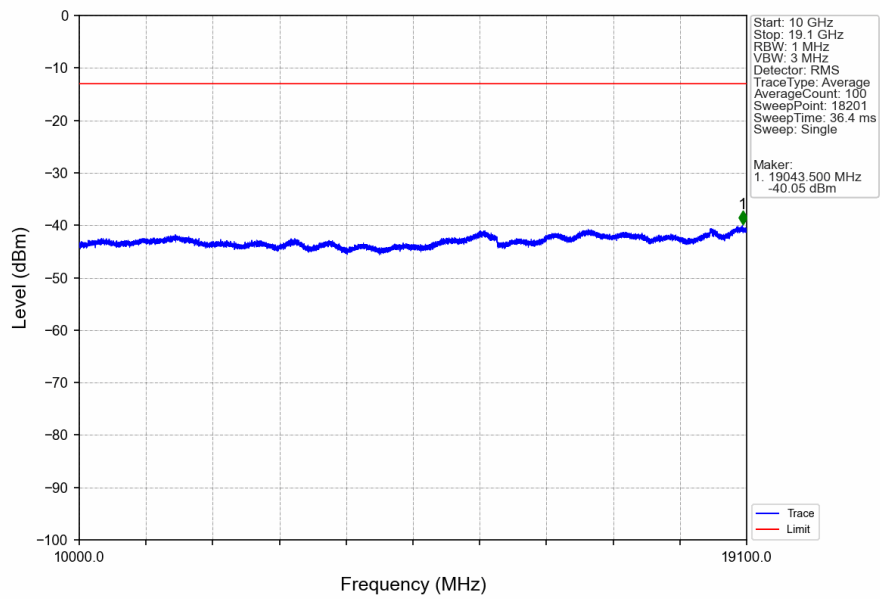


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-28.52	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-27.93	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

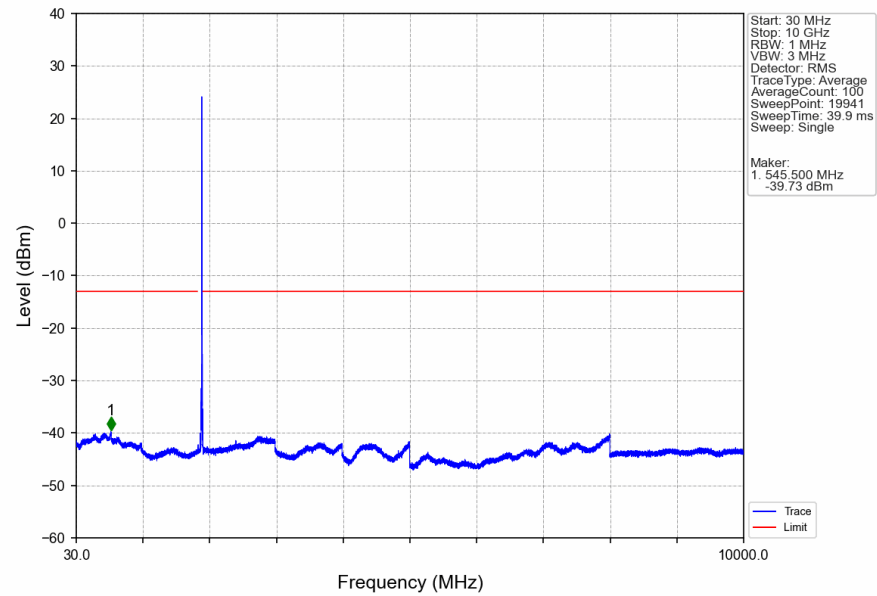
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



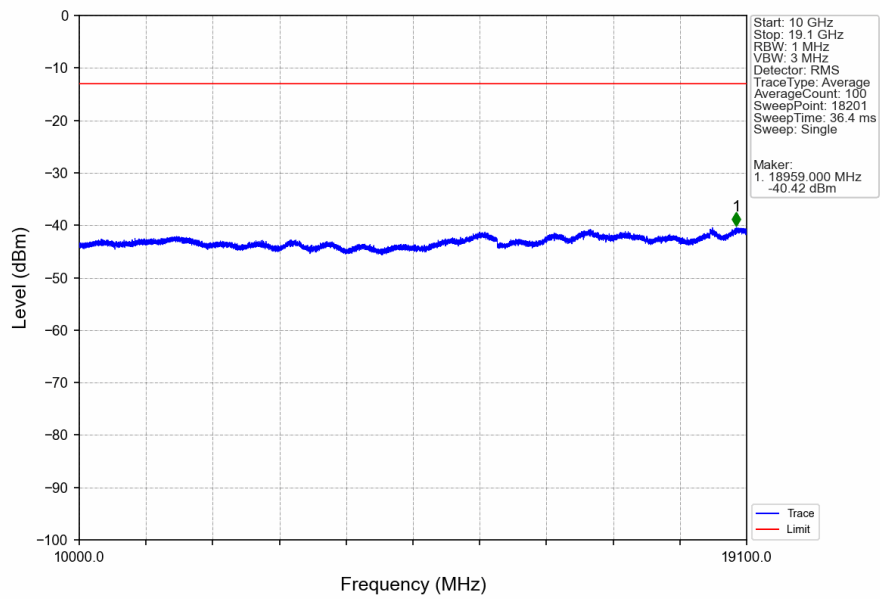
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



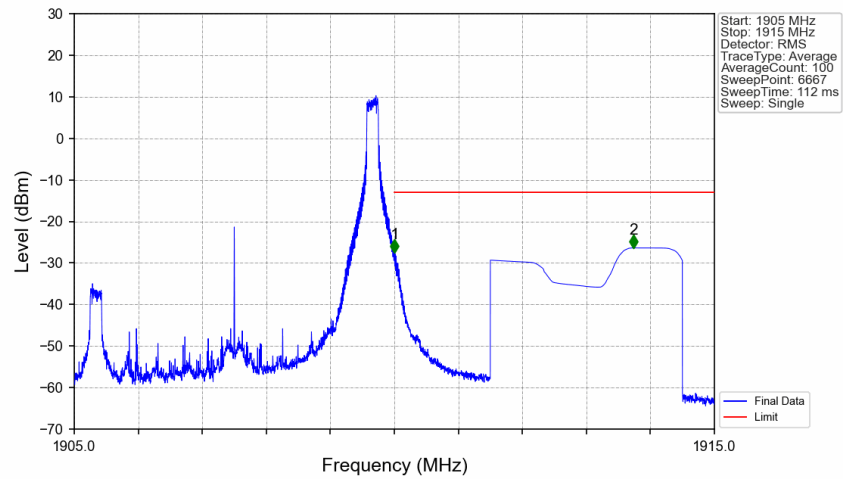
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

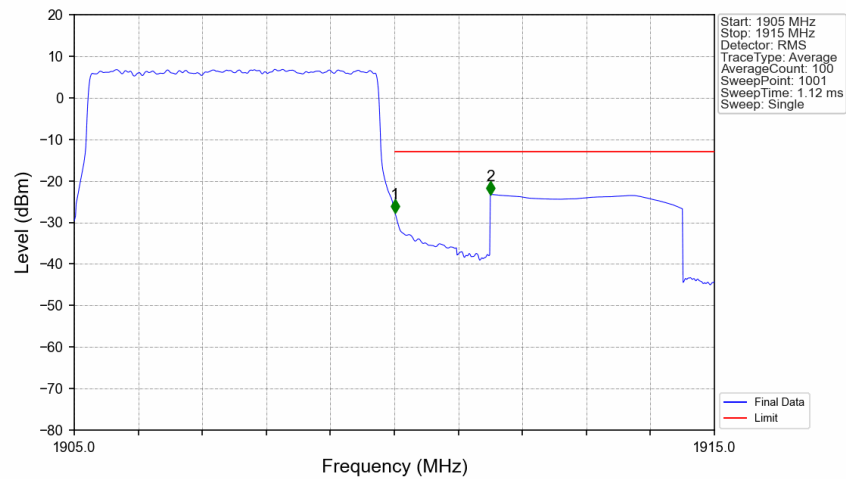


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



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	1910.002	-27.44	-13	Pass
1911	1915	1	CHP	2	1913.734	-26.37	-13	Pass

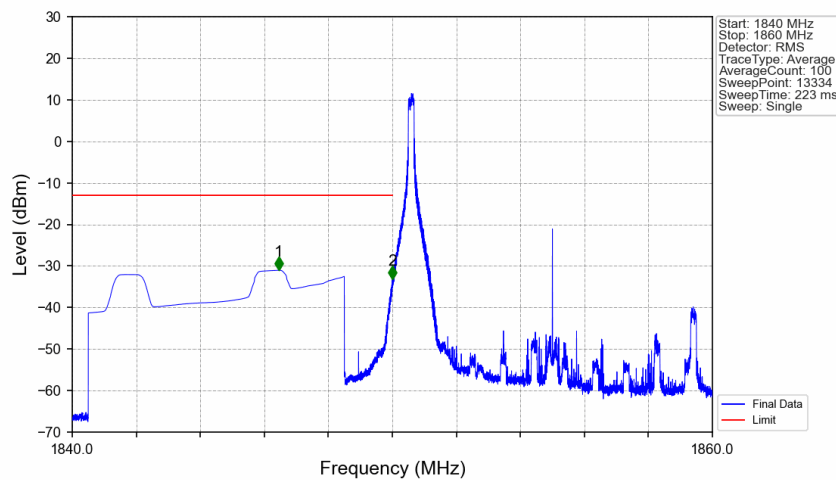
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



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	-27.59	-13	Pass
1911	1915	1	CHP	2	1911.500	-23.25	-13	Pass

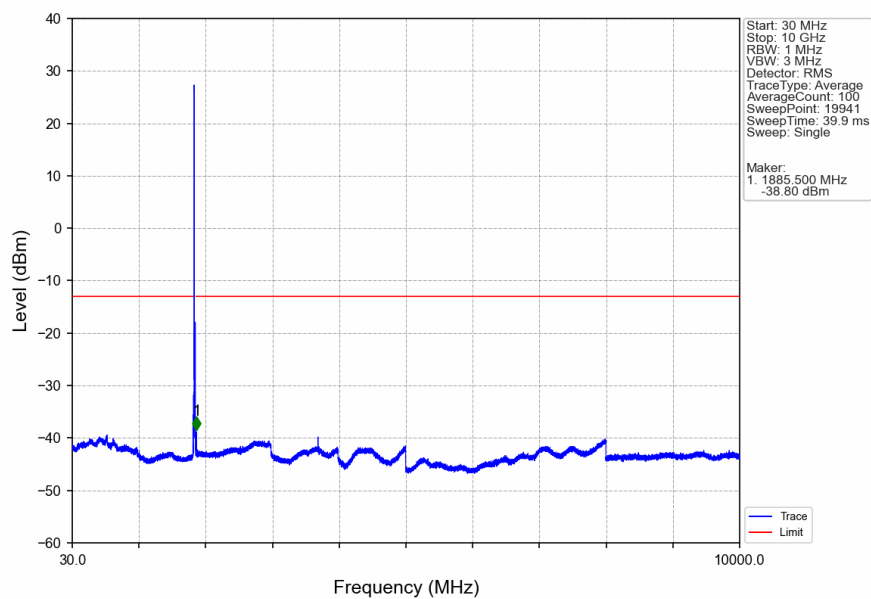
5.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

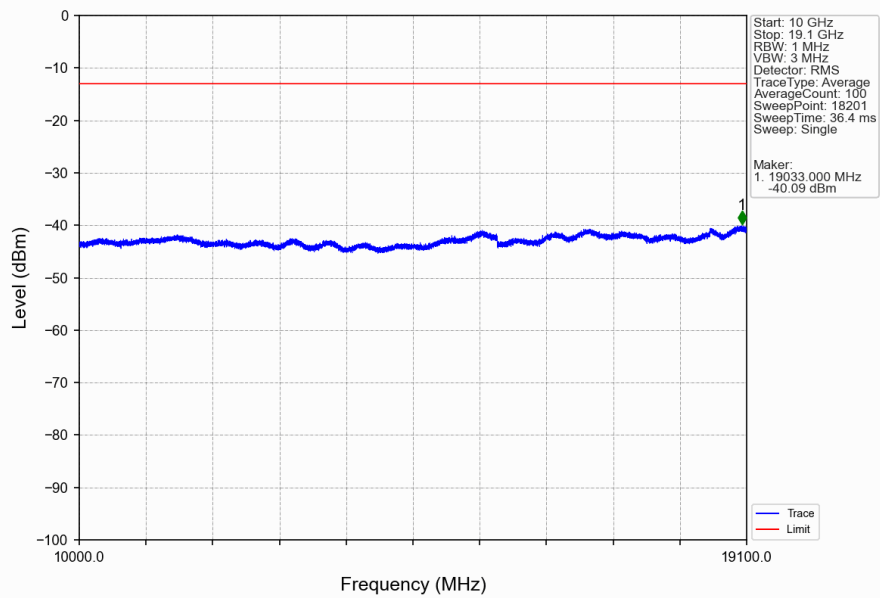


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.444	-31.05	-13	Pass
1849	1850	0.003	/	2	1849.999	-33.23	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

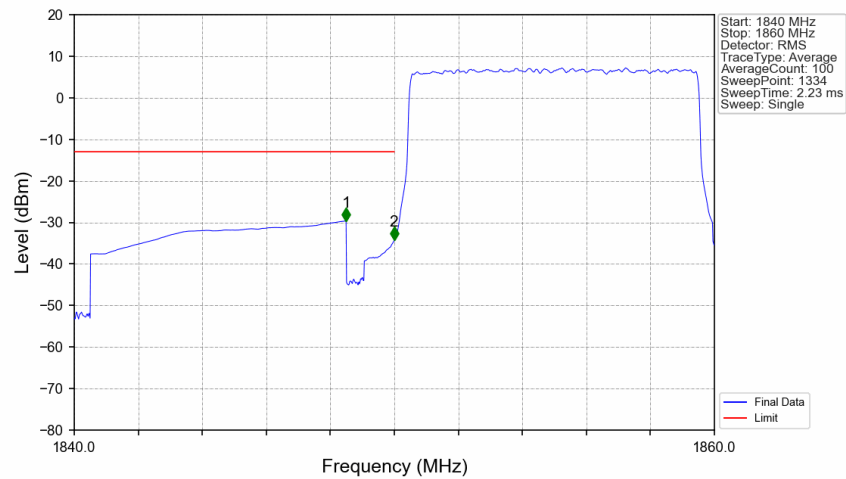
Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

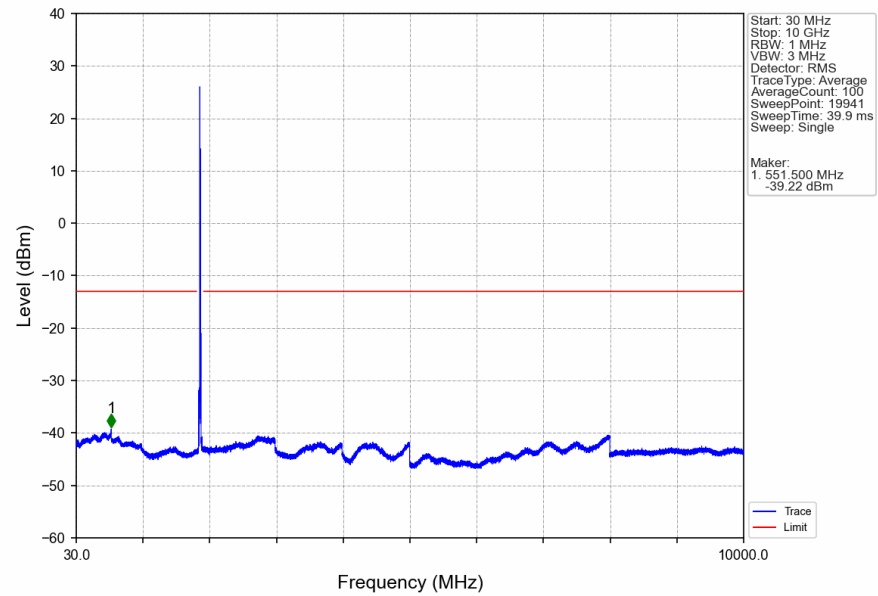


Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

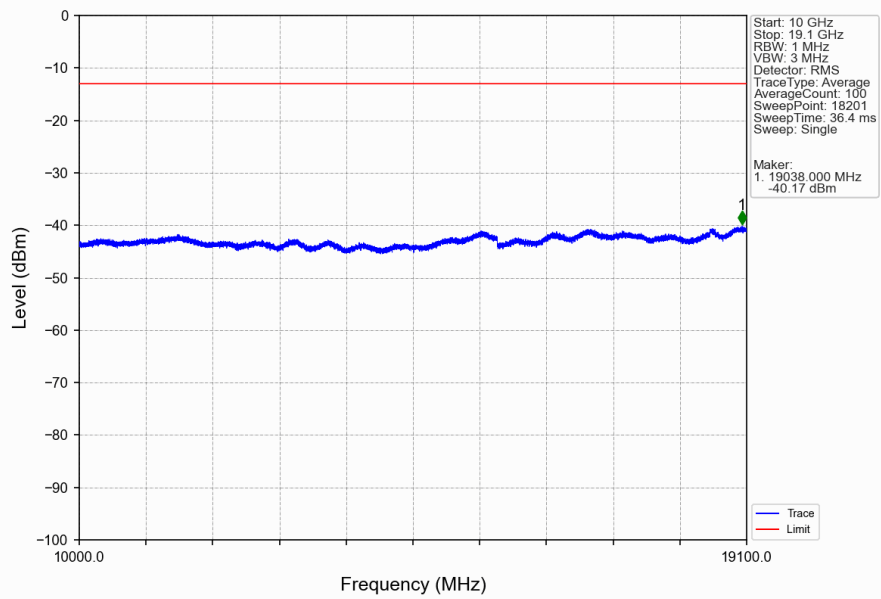


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.492	-29.60	-13	Pass
1849	1850	0.097	CHP	2	1849.992	-34.31	-13	Pass
1850	1860	0.097	CHP	/	/	/	/	/

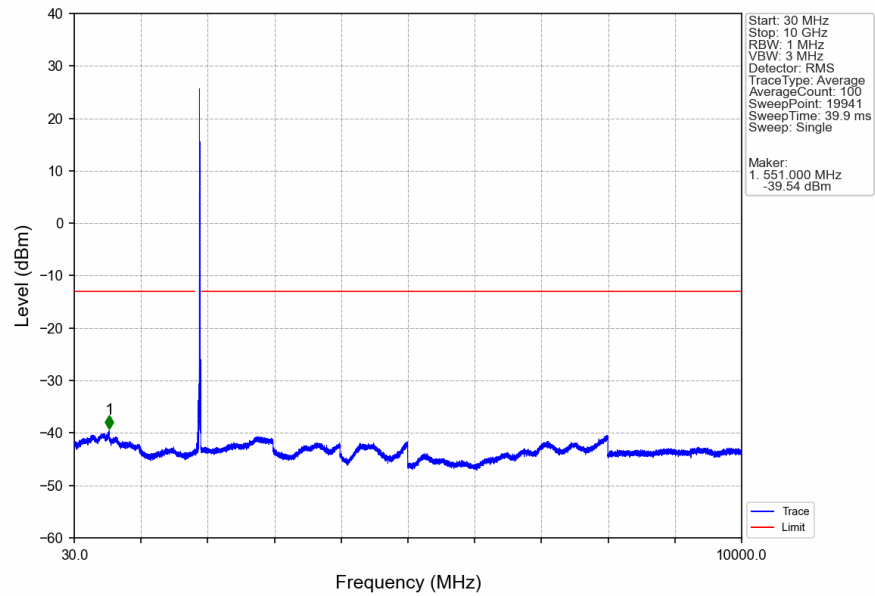
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



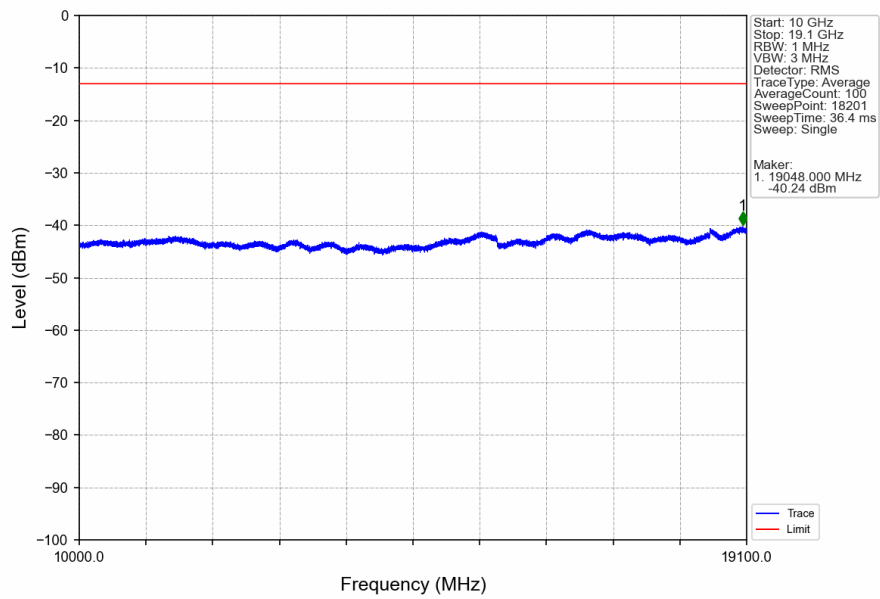
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



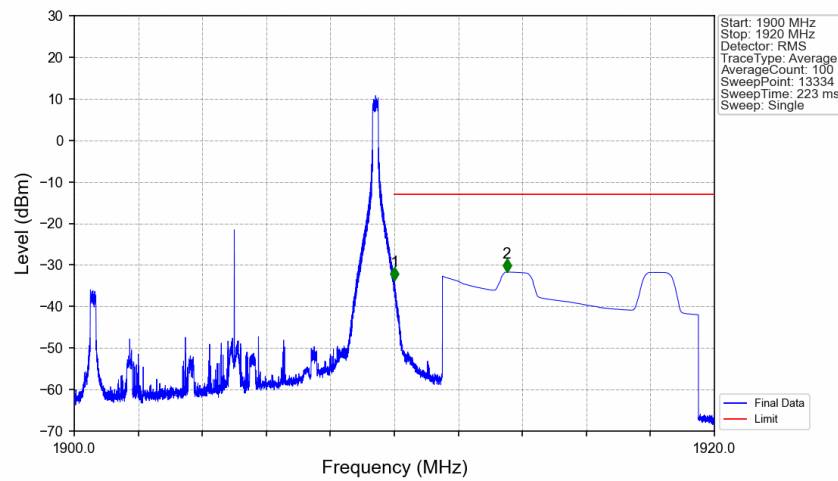
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

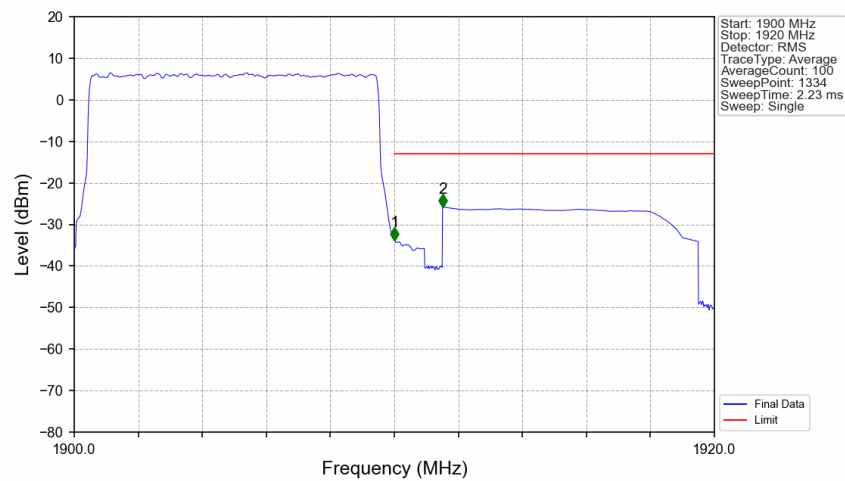


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



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	1910.004	-33.65	-13	Pass
1911	1920	1	CHP	2	1913.511	-31.73	-13	Pass

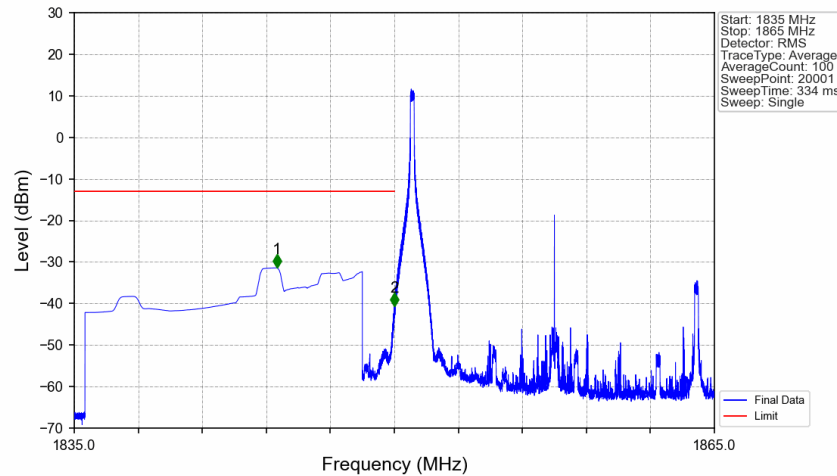
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.097	CHP	/	/	/	/	/
1910	1911	0.097	CHP	1	1910.008	-33.86	-13	Pass
1911	1920	1	CHP	2	1911.508	-25.82	-13	Pass

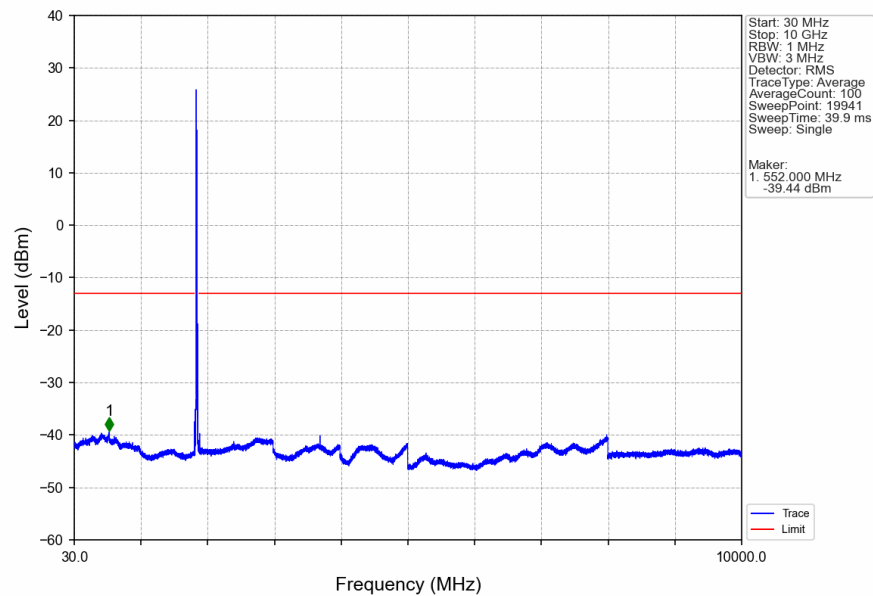
5.2.5 B2_15MHz

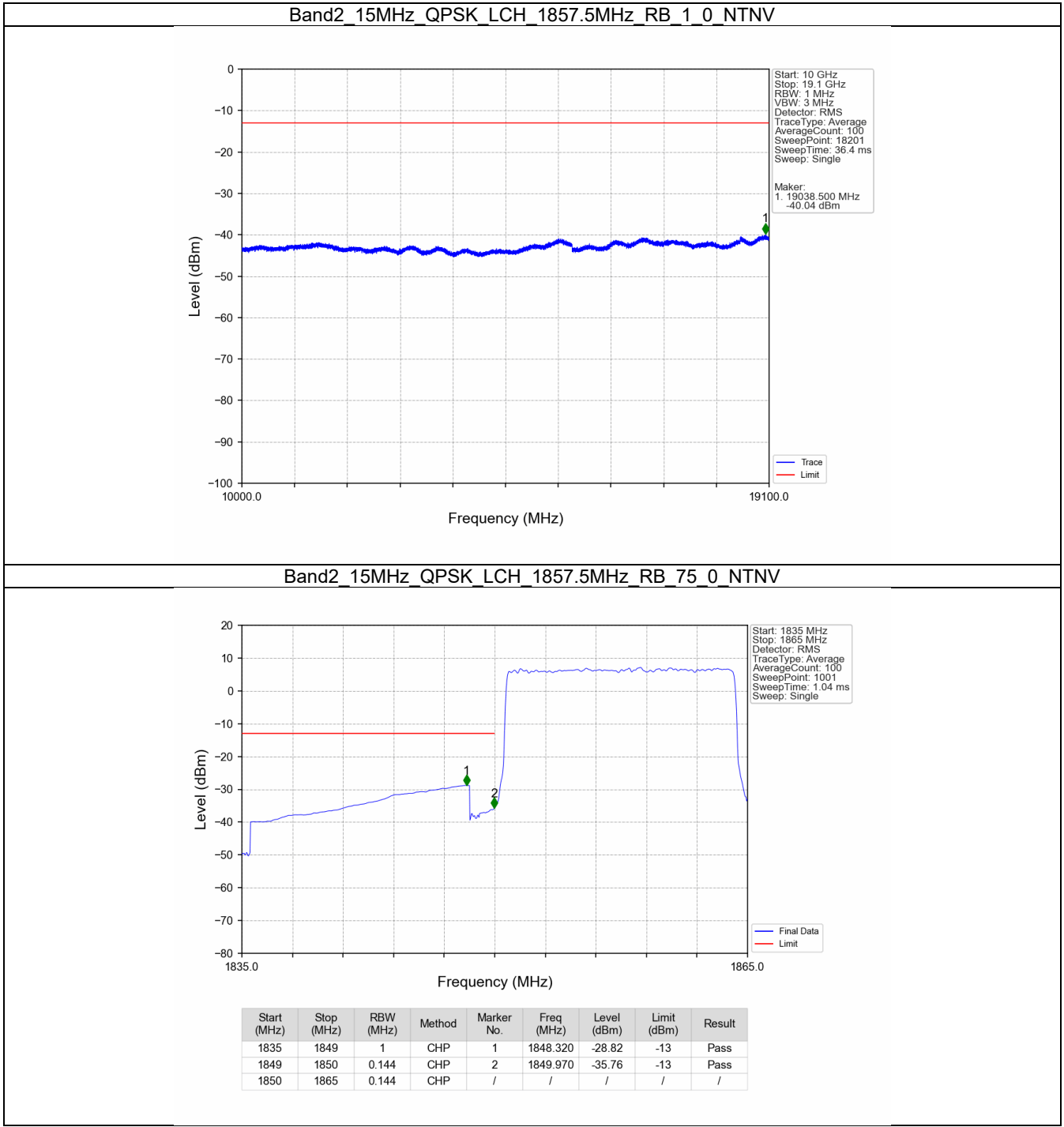
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



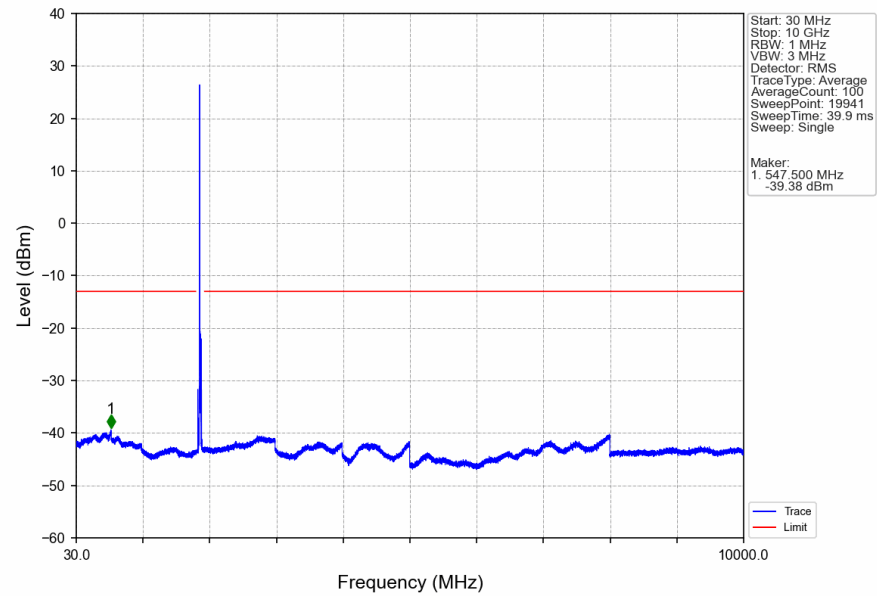
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.504	-31.40	-13	Pass
1849	1850	0.003	/	2	1849.995	-40.60	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

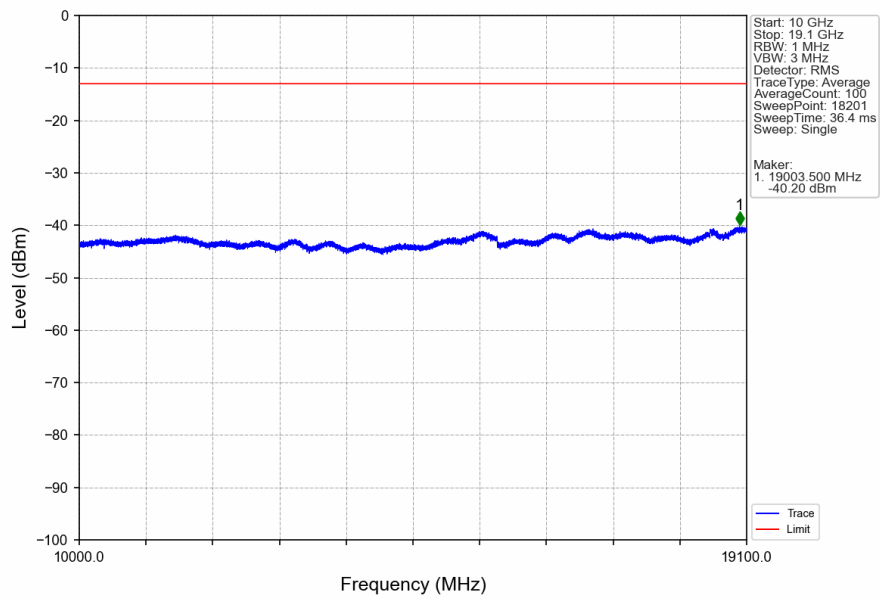


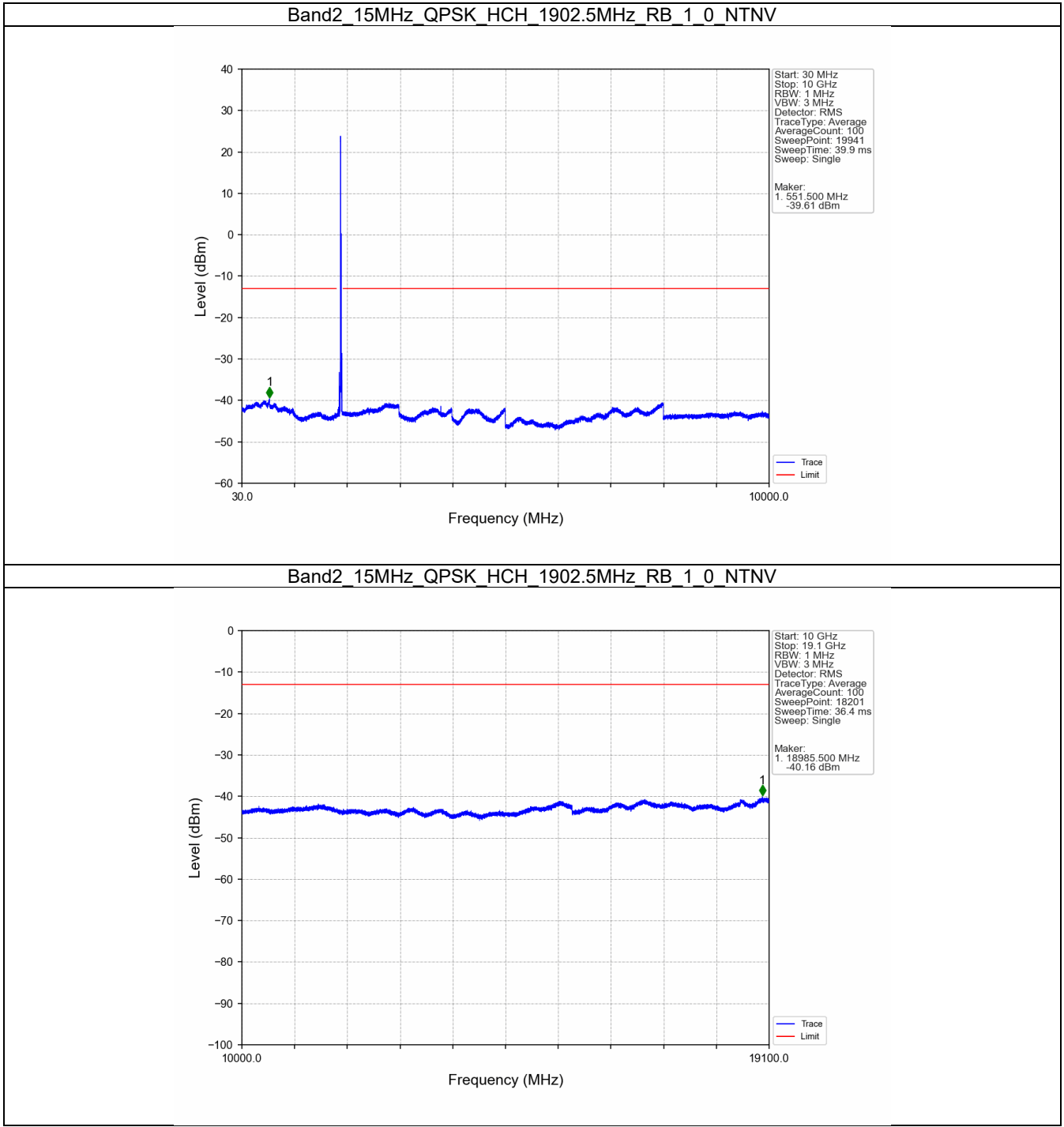


Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

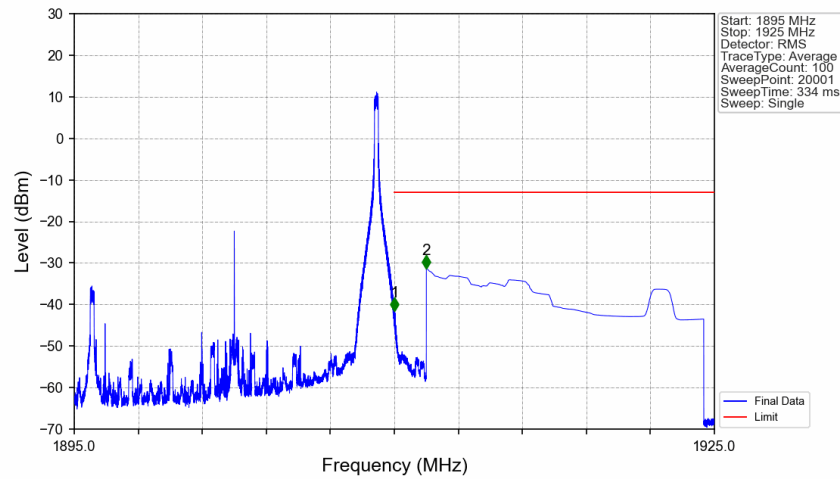


Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



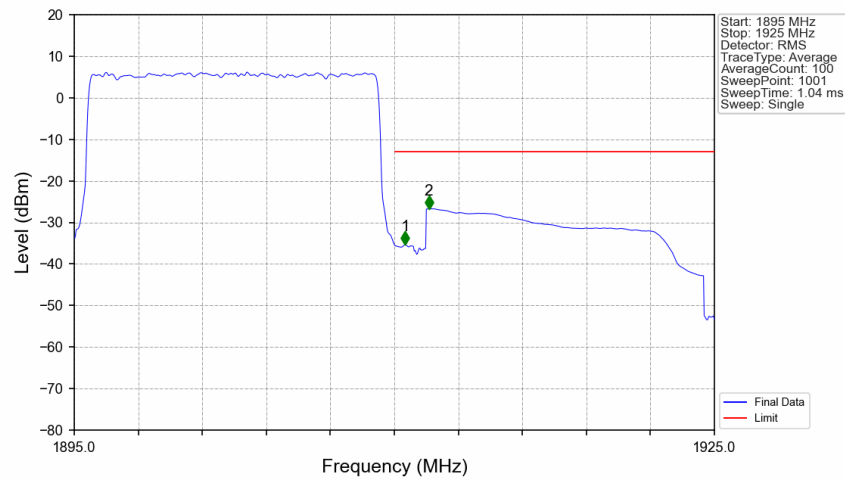


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



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	1910.005	-41.58	-13	Pass
1911	1925	1	CHP	2	1911.500	-31.25	-13	Pass

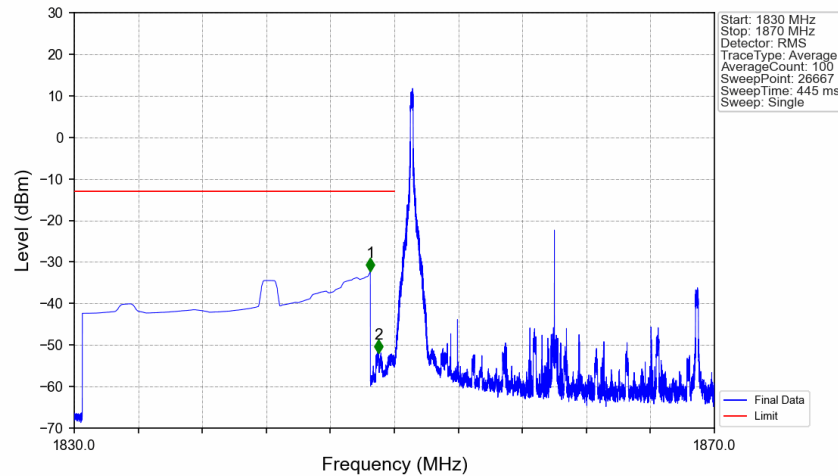
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.144	CHP	/	/	/	/	/
1910	1911	0.144	CHP	1	1910.510	-35.37	-13	Pass
1911	1925	1	CHP	2	1911.620	-26.71	-13	Pass

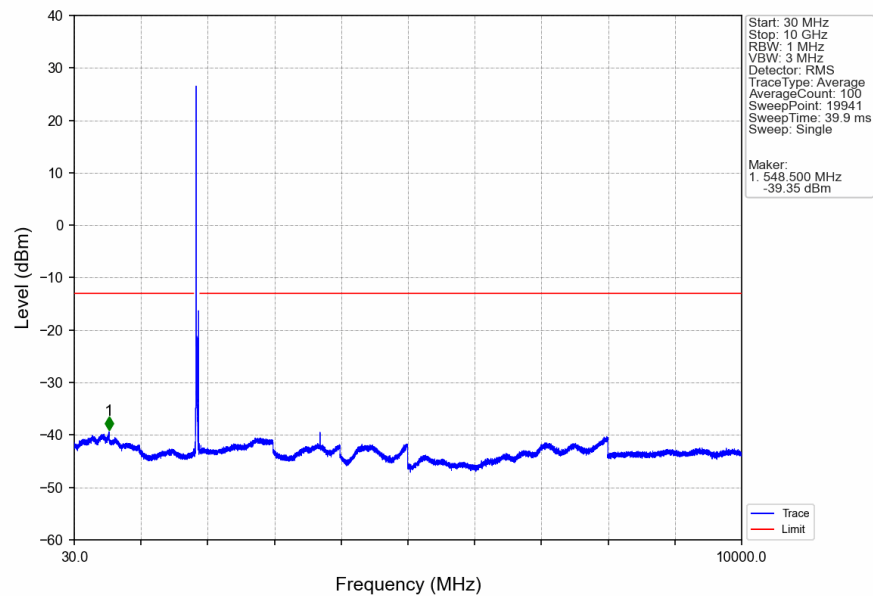
5.2.6 B2_20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

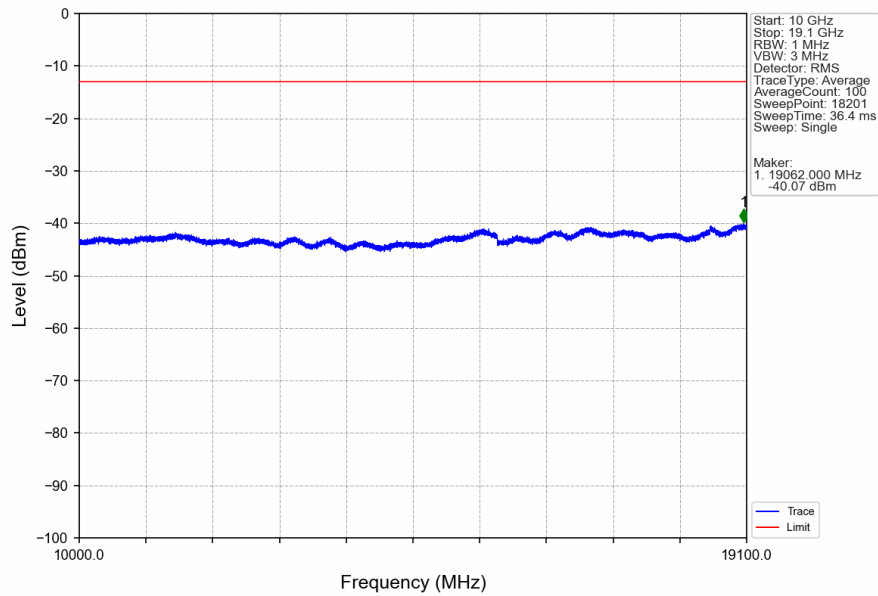


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-32.25	-13	Pass
1849	1850	0.003	/	2	1849.004	-51.90	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

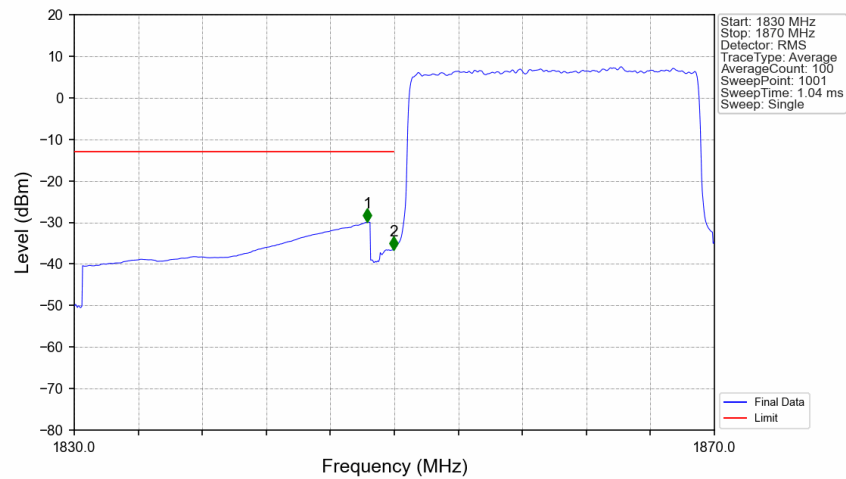
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

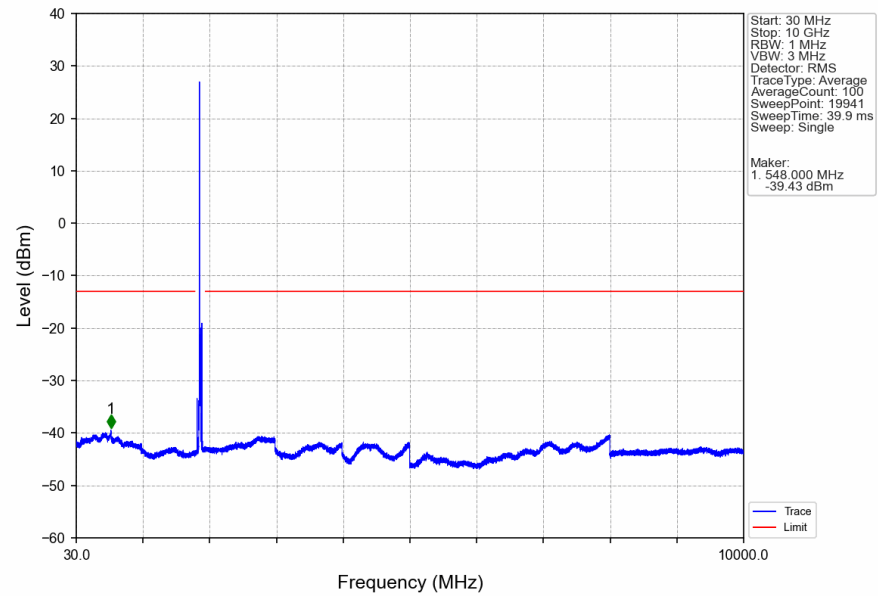


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

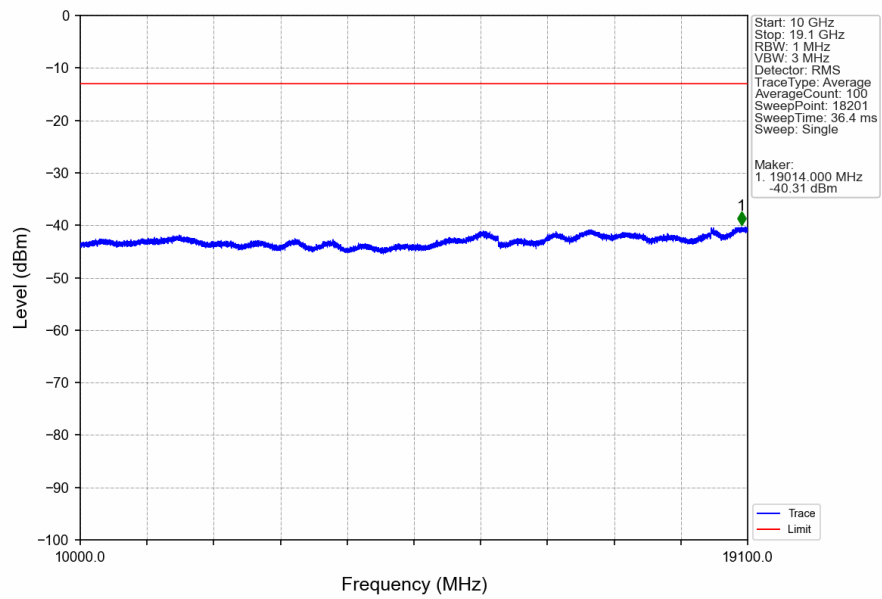


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.320	-29.93	-13	Pass
1849	1850	0.192	CHP	2	1849.960	-36.55	-13	Pass
1850	1870	0.192	CHP	/	/	/	/	/

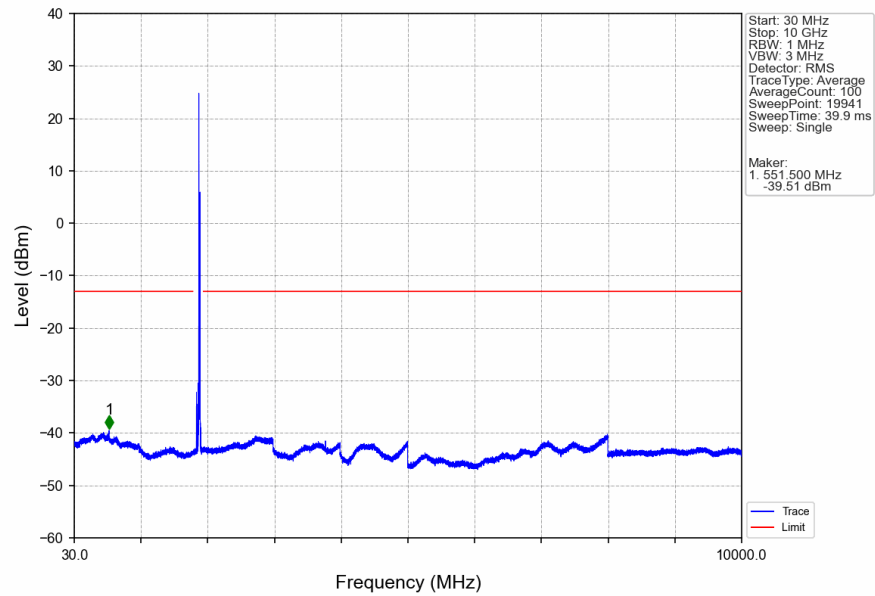
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



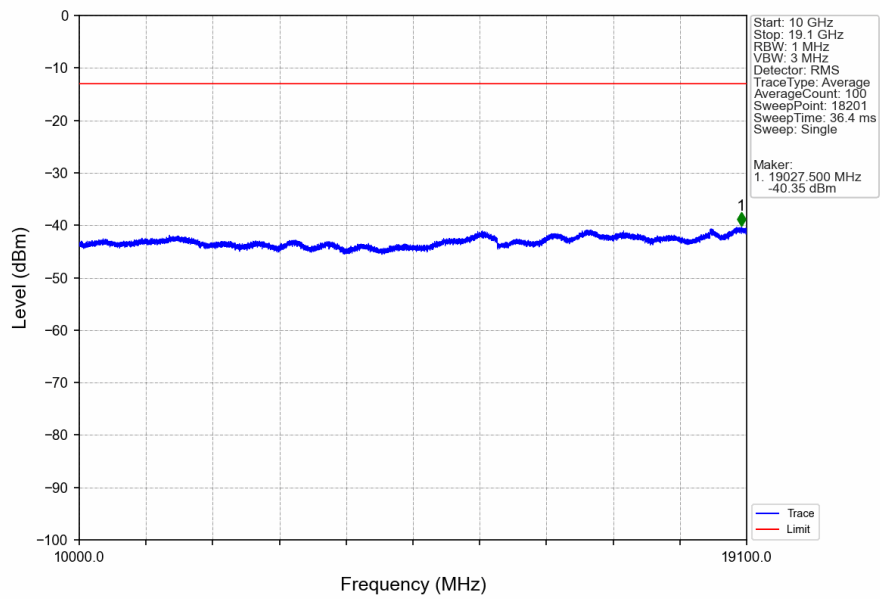
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



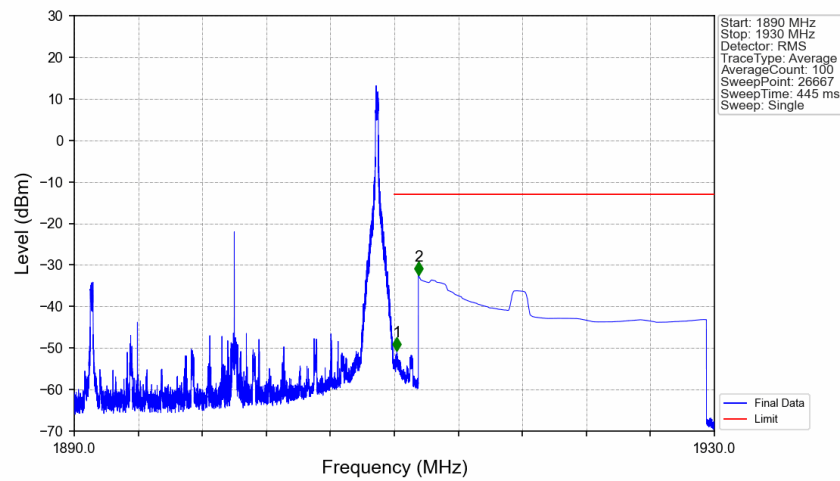
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

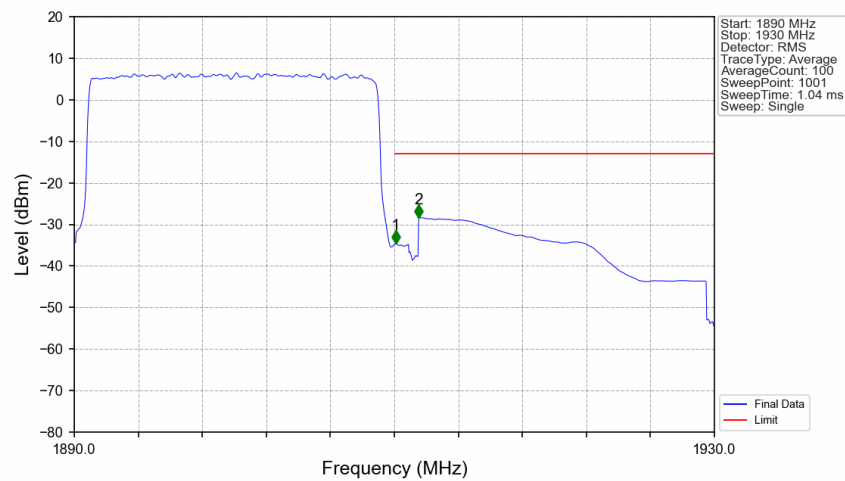


Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



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	1910.161	-50.68	-13	Pass
1911	1930	1	CHP	2	1911.500	-32.42	-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	0.192	CHP	/	/	/	/	/
1910	1911	0.192	CHP	1	1910.080	-34.62	-13	Pass
1911	1930	1	CHP	2	1911.520	-28.33	-13	Pass

-End of the Appendix-