

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	23.02	(dBi)	Result	<=33.01	Pass		
			2	22.93	4.12	27.14	<=33.01	Pass		
			5	22.96	4.12	27.05	<=33.01	Pass		
		3	0	22.79	4.12	27.08	<=33.01	Pass		
			2	22.95	4.12	26.91	<=33.01	Pass		
			3	22.97	4.12	27.07	<=33.01	Pass		
		6	0	21.86	4.12	27.09	<=33.01	Pass		
		1880	1	0	22.89	4.12	25.98	<=33.01	Pass	
				2	22.71	4.12	27.01	<=33.01	Pass	
	5			22.69	4.12	26.83	<=33.01	Pass		
	3		0	22.63	4.12	26.81	<=33.01	Pass		
			2	22.64	4.12	26.75	<=33.01	Pass		
			3	22.65	4.12	26.76	<=33.01	Pass		
	6		0	21.79	4.12	26.77	<=33.01	Pass		
	1909.3		1	0	22.92	4.12	25.91	<=33.01	Pass	
				2	22.99	4.12	27.04	<=33.01	Pass	
		5		22.84	4.12	27.11	<=33.01	Pass		
		3	0	22.77	4.12	26.96	<=33.01	Pass		
			2	22.80	4.12	26.89	<=33.01	Pass		
			3	22.86	4.12	26.92	<=33.01	Pass		
		6	0	21.86	4.12	26.98	<=33.01	Pass		
		16QAM	1850.7	1	0	22.20	4.12	25.98	<=33.01	Pass
					2	22.19	4.12	26.32	<=33.01	Pass
	5				22.36	4.12	26.31	<=33.01	Pass	
	3			0	21.93	4.12	26.48	<=33.01	Pass	
				2	21.97	4.12	26.05	<=33.01	Pass	
				3	22.02	4.12	26.09	<=33.01	Pass	
6	0			21.16	4.12	26.14	<=33.01	Pass		
1880	1			0	22.05	4.12	25.28	<=33.01	Pass	
				2	22.02	4.12	26.17	<=33.01	Pass	
			5	22.23	4.12	26.14	<=33.01	Pass		
	3		0	21.84	4.12	26.35	<=33.01	Pass		
			2	21.95	4.12	25.96	<=33.01	Pass		
			3	21.93	4.12	26.07	<=33.01	Pass		
	6		0	21.01	4.12	26.05	<=33.01	Pass		
	1909.3		1	0	22.24	4.12	25.13	<=33.01	Pass	
				2	22.18	4.12	26.36	<=33.01	Pass	
5				22.17	4.12	26.3	<=33.01	Pass		
3			0	21.91	4.12	26.29	<=33.01	Pass		
			2	21.99	4.12	26.03	<=33.01	Pass		
			3	21.96	4.12	26.11	<=33.01	Pass		
6			0	21.19	4.12	26.08	<=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	23.17	4.12	27.29	<=33.01	Pass	
			7	22.99	4.12	27.11	<=33.01	Pass	
			14	22.94	4.12	27.06	<=33.01	Pass	
		8	0	21.91	4.12	26.03	<=33.01	Pass	
			4	22.01	4.12	26.13	<=33.01	Pass	
			7	21.93	4.12	26.05	<=33.01	Pass	
		15	0	21.98	4.12	26.10	<=33.01	Pass	
		1880	1	0	22.45	4.12	26.57	<=33.01	Pass
				7	22.69	4.12	26.81	<=33.01	Pass
	14			22.71	4.12	26.83	<=33.01	Pass	
	8		0	21.75	4.12	25.87	<=33.01	Pass	
			4	21.82	4.12	25.94	<=33.01	Pass	
			7	21.85	4.12	25.97	<=33.01	Pass	
	15		0	21.81	4.12	25.93	<=33.01	Pass	
	1908.5		1	0	22.24	4.12	26.36	<=33.01	Pass
				7	23.05	4.12	27.17	<=33.01	Pass
		14		22.87	4.12	26.99	<=33.01	Pass	
		8	0	21.71	4.12	25.83	<=33.01	Pass	
			4	21.87	4.12	25.99	<=33.01	Pass	
			7	21.97	4.12	26.09	<=33.01	Pass	
		15	0	21.83	4.12	25.95	<=33.01	Pass	
16QAM		1851.5	1	0	22.17	4.12	26.29	<=33.01	Pass
				7	22.35	4.12	26.47	<=33.01	Pass
	14			22.26	4.12	26.38	<=33.01	Pass	
	8		0	21.20	4.12	25.32	<=33.01	Pass	
			4	21.22	4.12	25.34	<=33.01	Pass	
			7	21.23	4.12	25.35	<=33.01	Pass	
	15		0	21.20	4.12	25.32	<=33.01	Pass	
	1880		1	0	22.05	4.12	26.17	<=33.01	Pass
				7	22.13	4.12	26.25	<=33.01	Pass
		14		22.17	4.12	26.29	<=33.01	Pass	
		8	0	20.89	4.12	25.01	<=33.01	Pass	
			4	20.97	4.12	25.09	<=33.01	Pass	
			7	21.03	4.12	25.15	<=33.01	Pass	
		15	0	20.96	4.12	25.08	<=33.01	Pass	
		1908.5	1	0	22.17	4.12	26.29	<=33.01	Pass
				7	22.20	4.12	26.32	<=33.01	Pass
	14			22.27	4.12	26.39	<=33.01	Pass	
	8		0	21.04	4.12	25.16	<=33.01	Pass	
			4	21.11	4.12	25.23	<=33.01	Pass	
			7	21.20	4.12	25.32	<=33.01	Pass	
	15		0	21.08	4.12	25.20	<=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	23.41	4.12	27.53	<=33.01	Pass
			13	22.95	4.12	27.07	<=33.01	Pass
			24	23.29	4.12	27.41	<=33.01	Pass
		12	0	21.97	4.12	26.09	<=33.01	Pass
			6	22.00	4.12	26.12	<=33.01	Pass
			13	22.05	4.12	26.17	<=33.01	Pass

		25	0	21.93	4.12	26.05	<=33.01	Pass
	1880	1	0	23.13	4.12	27.25	<=33.01	Pass
			13	22.74	4.12	26.86	<=33.01	Pass
			24	23.01	4.12	27.13	<=33.01	Pass
			0	21.76	4.12	25.88	<=33.01	Pass
		12	6	21.86	4.12	25.98	<=33.01	Pass
			13	21.90	4.12	26.02	<=33.01	Pass
			25	0	21.85	4.12	25.97	<=33.01
	1907.5	1	0	22.56	4.12	26.68	<=33.01	Pass
			13	23.19	4.12	27.31	<=33.01	Pass
			24	23.14	4.12	27.26	<=33.01	Pass
		12	0	21.66	4.12	25.78	<=33.01	Pass
			6	21.81	4.12	25.93	<=33.01	Pass
			13	21.83	4.12	25.95	<=33.01	Pass
		25	0	21.84	4.12	25.96	<=33.01	Pass
	16QAM	1852.5	1	0	22.42	4.12	26.54	<=33.01
13				22.16	4.12	26.28	<=33.01	Pass
24				22.60	4.12	26.72	<=33.01	Pass
12			0	21.17	4.12	25.29	<=33.01	Pass
			6	21.14	4.12	25.26	<=33.01	Pass
			13	21.28	4.12	25.40	<=33.01	Pass
25			0	21.15	4.12	25.27	<=33.01	Pass
1880		1	0	22.24	4.12	26.36	<=33.01	Pass
			13	22.20	4.12	26.32	<=33.01	Pass
			24	22.41	4.12	26.53	<=33.01	Pass
		12	0	20.92	4.12	25.04	<=33.01	Pass
			6	21.01	4.12	25.13	<=33.01	Pass
13			21.03	4.12	25.15	<=33.01	Pass	
25		0	20.99	4.12	25.11	<=33.01	Pass	
1907.5		1	0	22.26	4.12	26.38	<=33.01	Pass
			13	22.24	4.12	26.36	<=33.01	Pass
			24	22.57	4.12	26.69	<=33.01	Pass
		12	0	20.92	4.12	25.04	<=33.01	Pass
			6	21.10	4.12	25.22	<=33.01	Pass
			13	21.15	4.12	25.27	<=33.01	Pass
25		0	21.17	4.12	25.29	<=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	23.08	4.12	27.20	<=33.01	Pass
			25	23.06	4.12	27.18	<=33.01	Pass
			49	23.27	4.12	27.39	<=33.01	Pass
		25	0	21.81	4.12	25.93	<=33.01	Pass
			13	22.00	4.12	26.12	<=33.01	Pass
			25	21.96	4.12	26.08	<=33.01	Pass
		50	0	21.91	4.12	26.03	<=33.01	Pass
			0	23.27	4.12	27.39	<=33.01	Pass
	1880	1	25	22.68	4.12	26.80	<=33.01	Pass
			49	23.44	4.12	27.56	<=33.01	Pass
			0	21.72	4.12	25.84	<=33.01	Pass
		25	13	21.85	4.12	25.97	<=33.01	Pass
			25	21.91	4.12	26.03	<=33.01	Pass
			0	21.81	4.12	25.93	<=33.01	Pass
		50	0	21.81	4.12	25.93	<=33.01	Pass
			0	21.81	4.12	25.93	<=33.01	Pass

16QAM	1905	1	0	22.12	4.12	26.24	<=33.01	Pass
			25	22.84	4.12	26.96	<=33.01	Pass
			49	23.40	4.12	27.52	<=33.01	Pass
		25	0	21.46	4.12	25.58	<=33.01	Pass
			13	21.72	4.12	25.84	<=33.01	Pass
			25	21.78	4.12	25.90	<=33.01	Pass
		50	0	21.64	4.12	25.76	<=33.01	Pass
	1855	1	0	22.83	4.12	26.95	<=33.01	Pass
			25	22.25	4.12	26.37	<=33.01	Pass
			49	22.72	4.12	26.84	<=33.01	Pass
		12	0	22.26	4.12	26.38	<=33.01	Pass
			19	22.04	4.12	26.16	<=33.01	Pass
			38	22.20	4.12	26.32	<=33.01	Pass
		27	0	21.07	4.12	25.19	<=33.01	Pass
	1880	1	0	22.38	4.12	26.50	<=33.01	Pass
			25	22.24	4.12	26.36	<=33.01	Pass
			49	22.77	4.12	26.89	<=33.01	Pass
		12	0	21.99	4.12	26.11	<=33.01	Pass
			19	21.92	4.12	26.04	<=33.01	Pass
			38	22.25	4.12	26.37	<=33.01	Pass
		27	0	20.87	4.12	24.99	<=33.01	Pass
	1905	1	0	22.44	4.12	26.56	<=33.01	Pass
			25	22.11	4.12	26.23	<=33.01	Pass
			49	22.90	4.12	27.02	<=33.01	Pass
		12	0	21.84	4.12	25.96	<=33.01	Pass
			19	21.79	4.12	25.91	<=33.01	Pass
			38	22.19	4.12	26.31	<=33.01	Pass
		27	23	20.99	4.12	25.11	<=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	22.70	4.12	26.82	<=33.01	Pass
			38	22.99	4.12	27.11	<=33.01	Pass
			74	22.66	4.12	26.78	<=33.01	Pass
		36	0	21.83	4.12	25.95	<=33.01	Pass
			18	21.96	4.12	26.08	<=33.01	Pass
			39	21.78	4.12	25.90	<=33.01	Pass
		75	0	21.77	4.12	25.89	<=33.01	Pass
	1880	1	0	22.68	4.12	26.80	<=33.01	Pass
			38	22.77	4.12	26.89	<=33.01	Pass
			74	22.93	4.12	27.05	<=33.01	Pass
		36	0	21.66	4.12	25.78	<=33.01	Pass
			18	21.85	4.12	25.97	<=33.01	Pass
			39	21.95	4.12	26.07	<=33.01	Pass
		75	0	21.74	4.12	25.86	<=33.01	Pass
	1902.5	1	0	20.93	4.12	25.05	<=33.01	Pass
			38	22.82	4.12	26.94	<=33.01	Pass
			74	23.12	4.12	27.24	<=33.01	Pass
		36	0	21.62	4.12	25.74	<=33.01	Pass
			18	21.63	4.12	25.75	<=33.01	Pass
			39	21.71	4.12	25.83	<=33.01	Pass
		75	0	21.47	4.12	25.59	<=33.01	Pass
16QAM	1857.5	1	0	22.25	4.12	26.37	<=33.01	Pass

			38	22.21	4.12	26.33	<=33.01	Pass
			74	21.89	4.12	26.01	<=33.01	Pass
			0	21.80	4.12	25.92	<=33.01	Pass
		12	31	22.06	4.12	26.18	<=33.01	Pass
			63	21.60	4.12	25.72	<=33.01	Pass
			0	21.04	4.12	25.16	<=33.01	Pass
	1880	27	0	21.99	4.12	26.11	<=33.01	Pass
			38	22.17	4.12	26.29	<=33.01	Pass
			74	22.24	4.12	26.36	<=33.01	Pass
		12	0	21.52	4.12	25.64	<=33.01	Pass
			31	21.97	4.12	26.09	<=33.01	Pass
			63	21.97	4.12	26.09	<=33.01	Pass
		27	0	20.73	4.12	24.85	<=33.01	Pass
	1902.5	1	0	22.39	4.12	26.51	<=33.01	Pass
			38	22.06	4.12	26.18	<=33.01	Pass
			74	22.37	4.12	26.49	<=33.01	Pass
		12	0	21.70	4.12	25.82	<=33.01	Pass
			31	21.73	4.12	25.85	<=33.01	Pass
			63	21.88	4.12	26.00	<=33.01	Pass
		27	48	20.94	4.12	25.06	<=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	23.03	4.12	27.15	<=33.01	Pass
			50	22.84	4.12	26.96	<=33.01	Pass
			99	22.43	4.12	26.55	<=33.01	Pass
		50	0	21.77	4.12	25.89	<=33.01	Pass
			25	21.87	4.12	25.99	<=33.01	Pass
			50	21.59	4.12	25.71	<=33.01	Pass
		100	0	21.71	4.12	25.83	<=33.01	Pass
	1880	1	0	22.18	4.12	26.30	<=33.01	Pass
			50	22.78	4.12	26.90	<=33.01	Pass
			99	22.94	4.12	27.06	<=33.01	Pass
		50	0	21.53	4.12	25.65	<=33.01	Pass
			25	21.83	4.12	25.95	<=33.01	Pass
			50	21.88	4.12	26.00	<=33.01	Pass
		100	0	21.67	4.12	25.79	<=33.01	Pass
	1900	1	0	21.16	4.12	25.28	<=33.01	Pass
			50	22.85	4.12	26.97	<=33.01	Pass
			99	22.83	4.12	26.95	<=33.01	Pass
		50	0	21.67	4.12	25.79	<=33.01	Pass
			25	21.74	4.12	25.86	<=33.01	Pass
			50	21.58	4.12	25.70	<=33.01	Pass
		100	0	21.56	4.12	25.68	<=33.01	Pass
16QAM	1860	1	0	22.21	4.12	26.33	<=33.01	Pass
			50	22.20	4.12	26.32	<=33.01	Pass
			99	21.64	4.12	25.76	<=33.01	Pass
		12	0	21.75	4.12	25.87	<=33.01	Pass
			44	21.96	4.12	26.08	<=33.01	Pass
			88	21.44	4.12	25.56	<=33.01	Pass
		27	0	20.88	4.12	25.00	<=33.01	Pass
	1880	1	0	21.62	4.12	25.74	<=33.01	Pass
			50	22.18	4.12	26.30	<=33.01	Pass

		12	99	22.30	4.12	26.42	<=33.01	Pass
			0	21.36	4.12	25.48	<=33.01	Pass
			44	21.98	4.12	26.10	<=33.01	Pass
			88	21.89	4.12	26.01	<=33.01	Pass
	1900	27	0	20.50	4.12	24.62	<=33.01	Pass
			0	22.32	4.12	26.44	<=33.01	Pass
			50	22.03	4.12	26.15	<=33.01	Pass
		1	99	22.31	4.12	26.43	<=33.01	Pass
			0	21.67	4.12	25.79	<=33.01	Pass
			44	21.78	4.12	25.90	<=33.01	Pass
		12	88	21.76	4.12	25.88	<=33.01	Pass
			73	20.83	4.12	24.95	<=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	9.200	0.0049	-2.5 to 2.5	Pass
					3.85	-15.300	-0.0081	-2.5 to 2.5	Pass
					4.43	-12.600	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-10.600	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-15.500	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-26.800	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-19.100	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-11.400	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-11.700	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-13.400	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-21.000	-0.0112	-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	1.098	/	Pass
3	QPSK	1880	15	0	2.721	/	Pass
	16QAM	1880	15	0	2.724	/	Pass
5	QPSK	1880	25	0	4.495	/	Pass
	16QAM	1880	25	0	4.503	/	Pass
10	QPSK	1880	50	0	9.011	/	Pass
	16QAM	1880	27	0	4.970	/	Pass
15	QPSK	1880	75	0	13.434	/	Pass

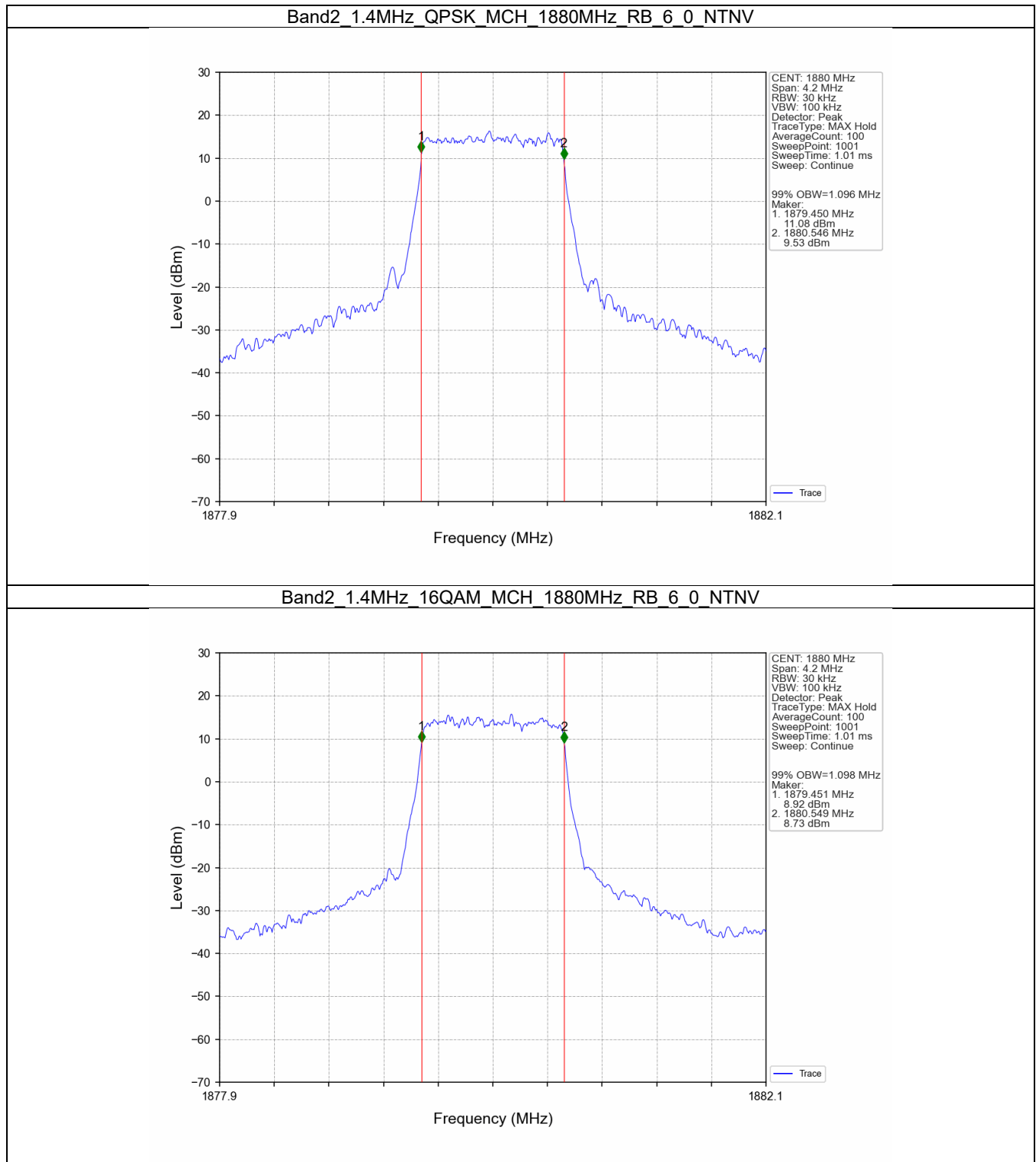
	16QAM	1880	27	0	4.969	/	Pass
20	QPSK	1880	100	0	17.951	/	Pass
	16QAM	1880	27	0	4.974	/	Pass

3.1.2 Band2_XDB

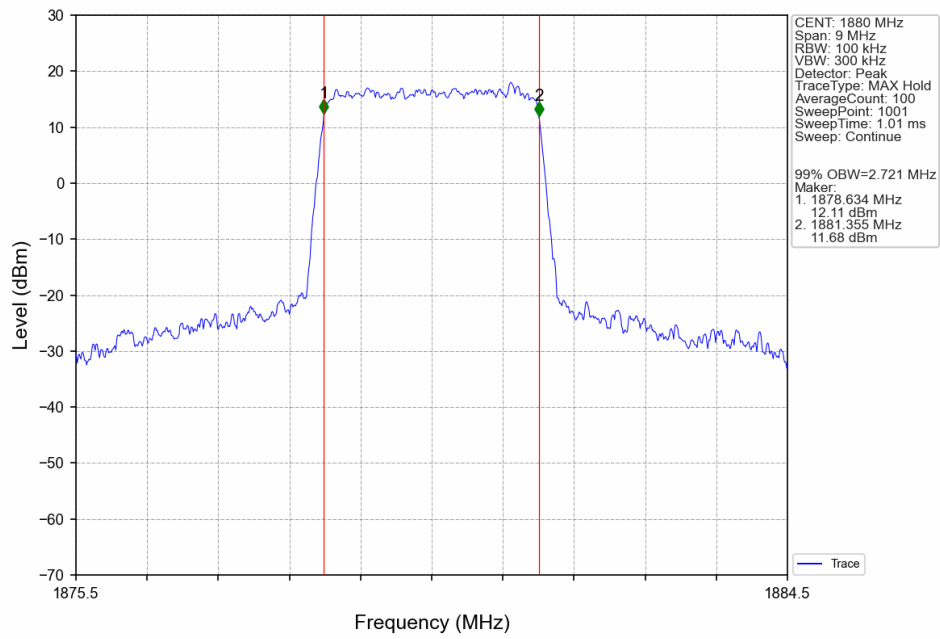
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.276	/	Pass
	16QAM	1880	6	0	1.279	/	Pass
3	QPSK	1880	15	0	3.016	/	Pass
	16QAM	1880	15	0	3.025	/	Pass
5	QPSK	1880	25	0	4.963	/	Pass
	16QAM	1880	25	0	4.926	/	Pass
10	QPSK	1880	50	0	9.718	/	Pass
	16QAM	1880	27	0	5.613	/	Pass
15	QPSK	1880	75	0	14.480	/	Pass
	16QAM	1880	27	0	5.724	/	Pass
20	QPSK	1880	100	0	19.171	/	Pass
	16QAM	1880	27	0	5.709	/	Pass

3.2 Test Graph

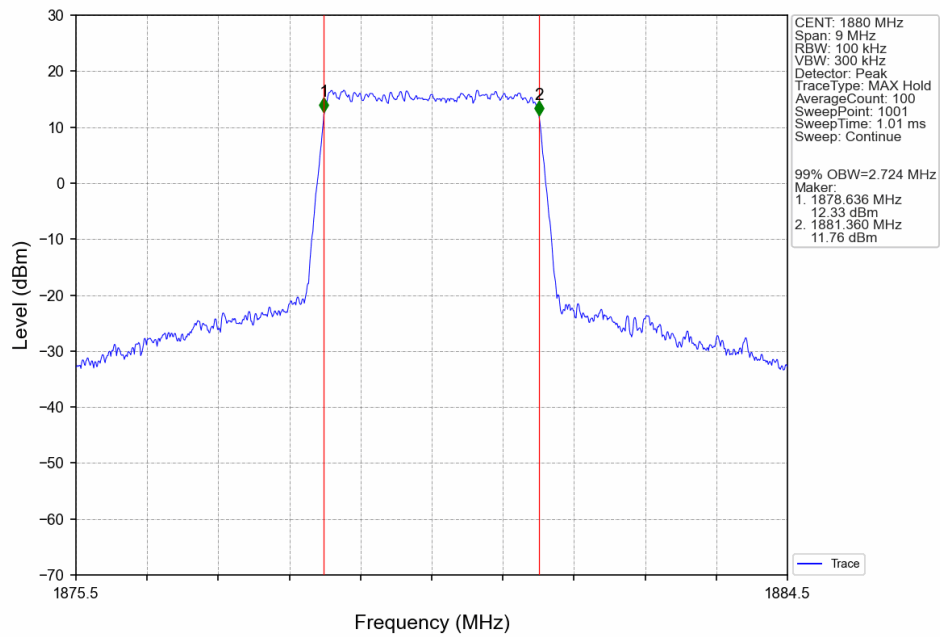
3.2.1 Band2_OBW



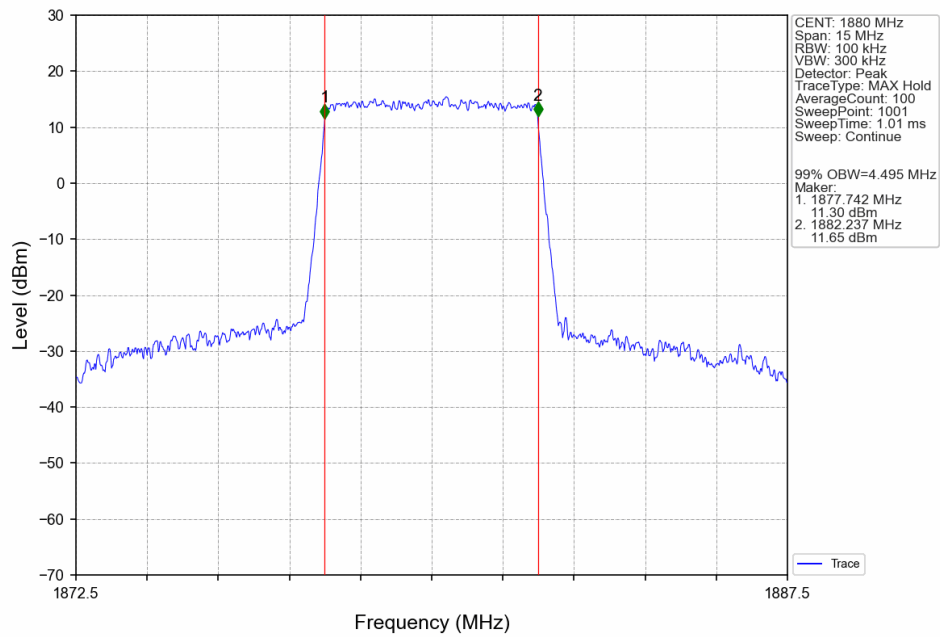
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



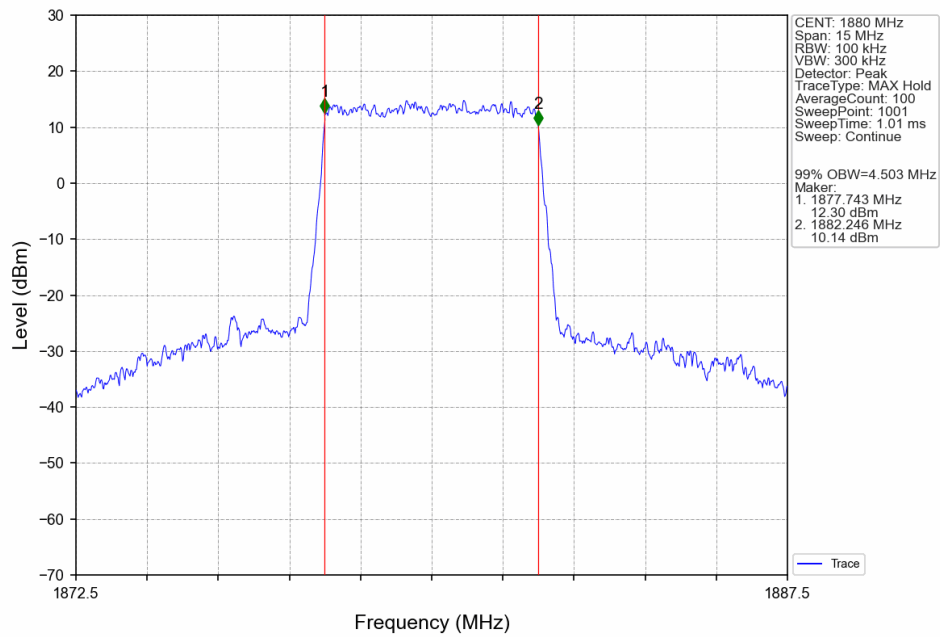
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



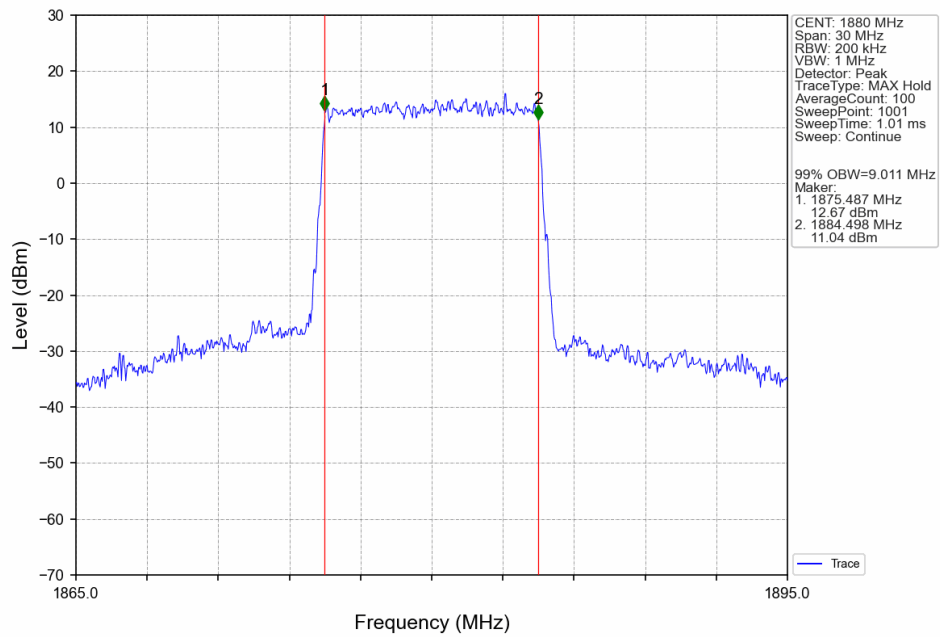
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



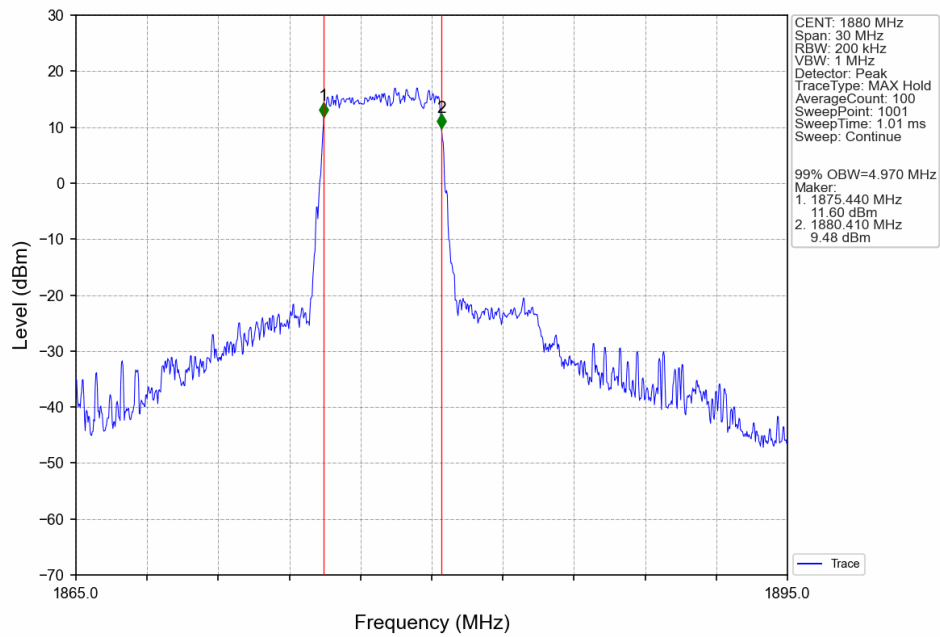
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



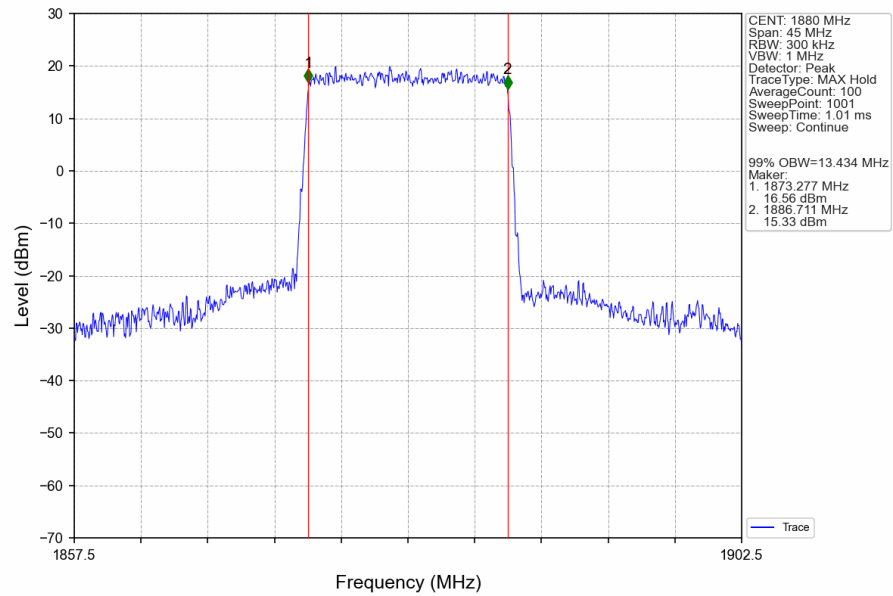
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



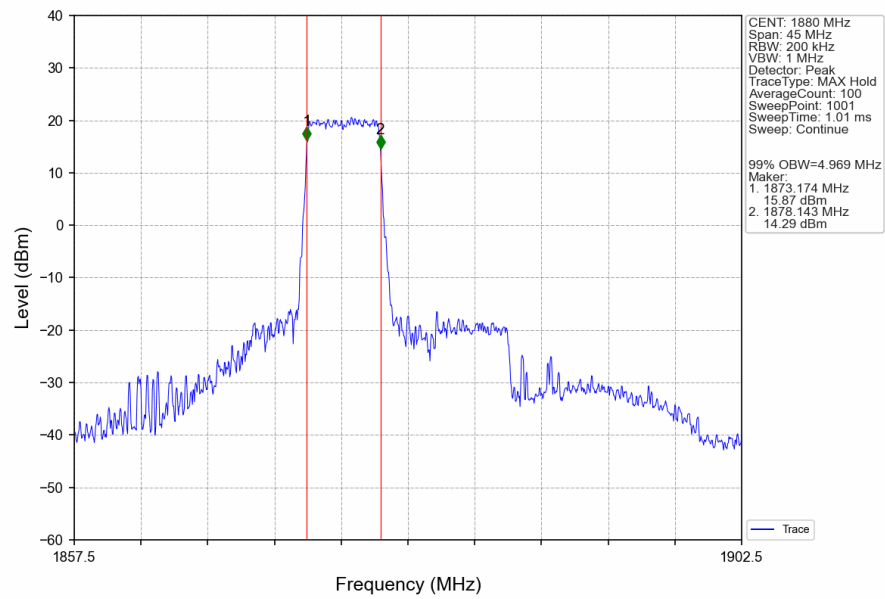
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



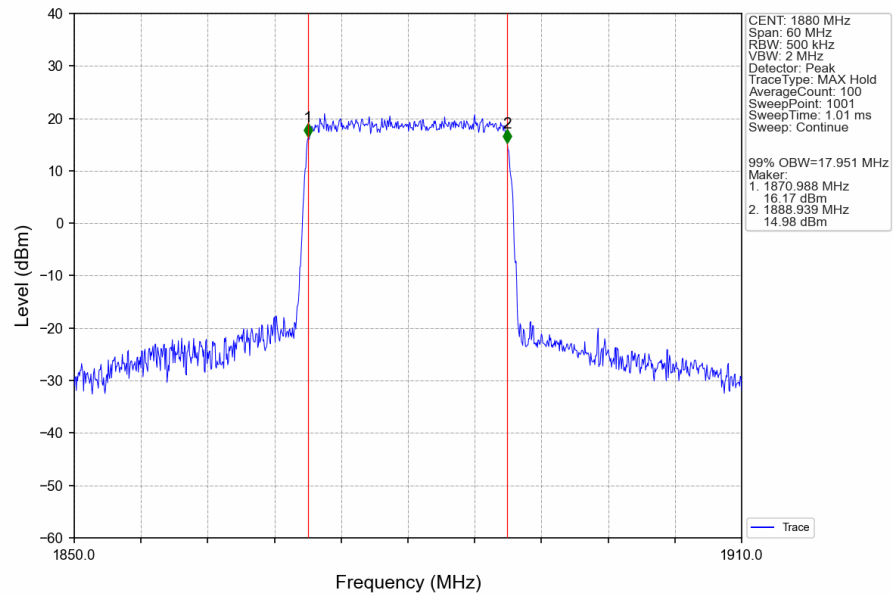
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



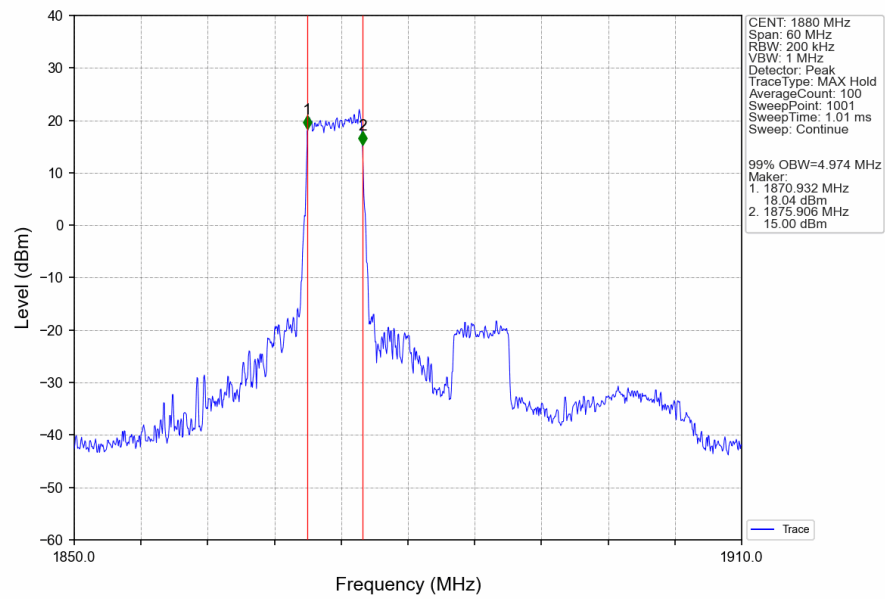
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



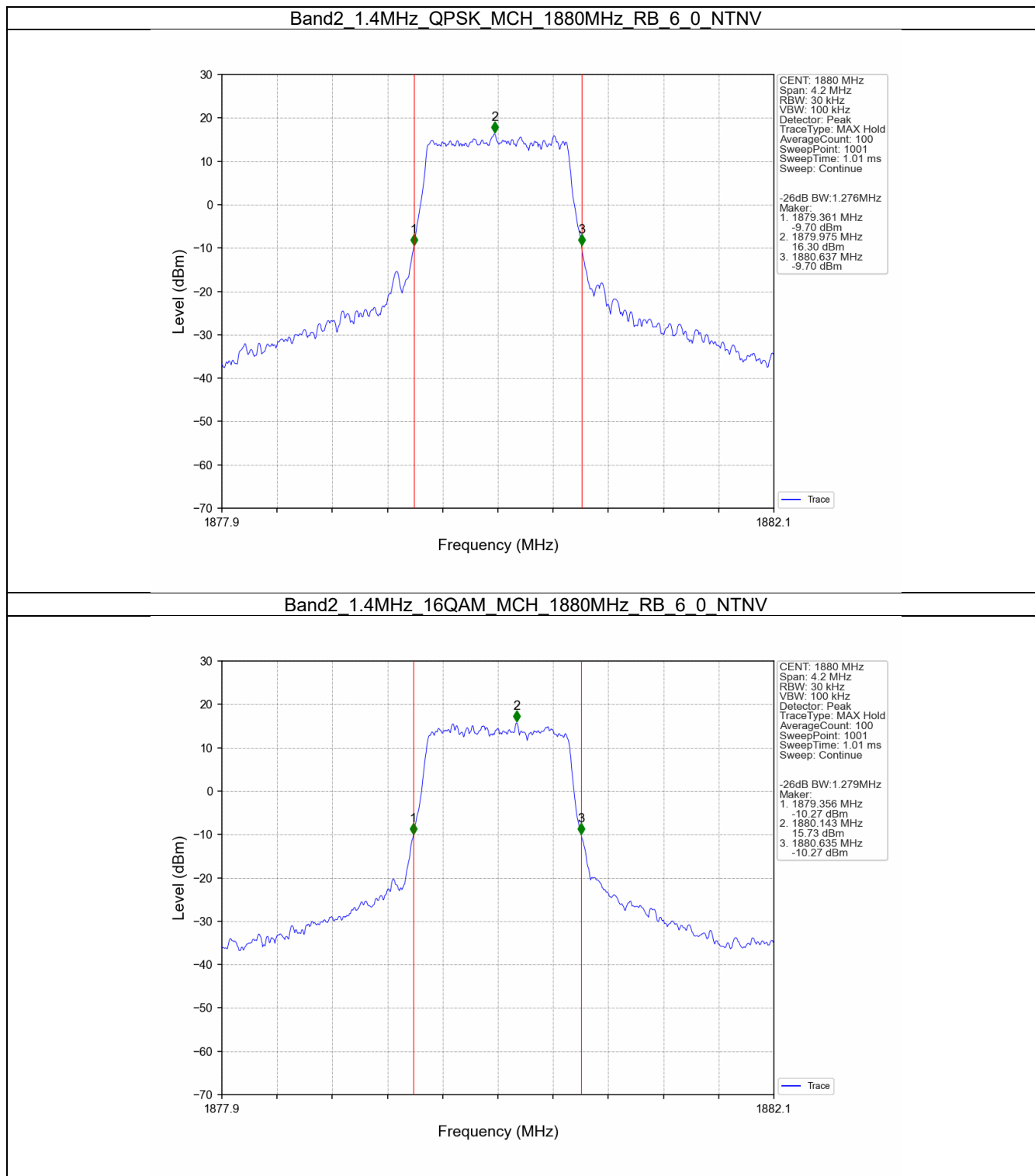
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



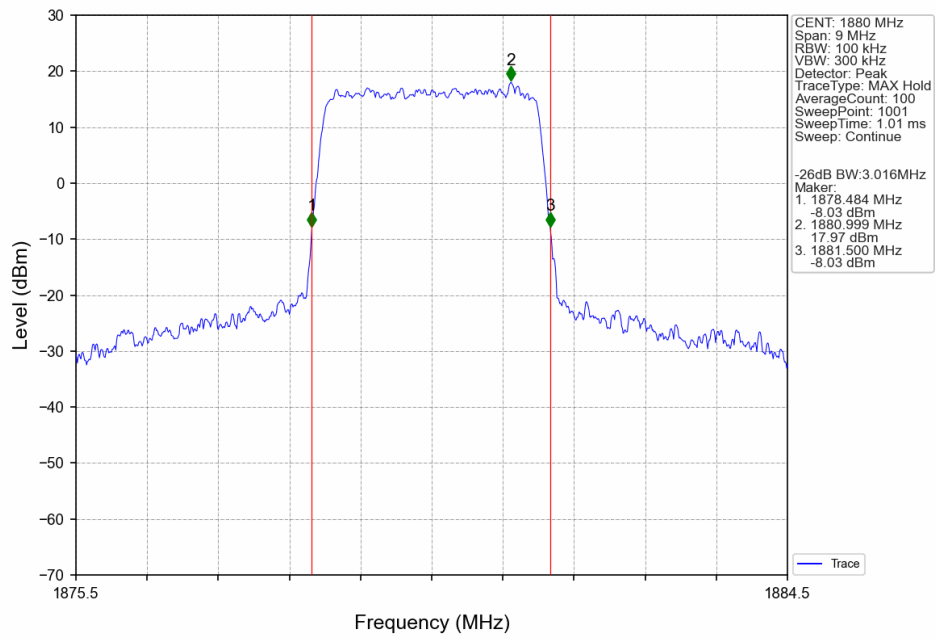
Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



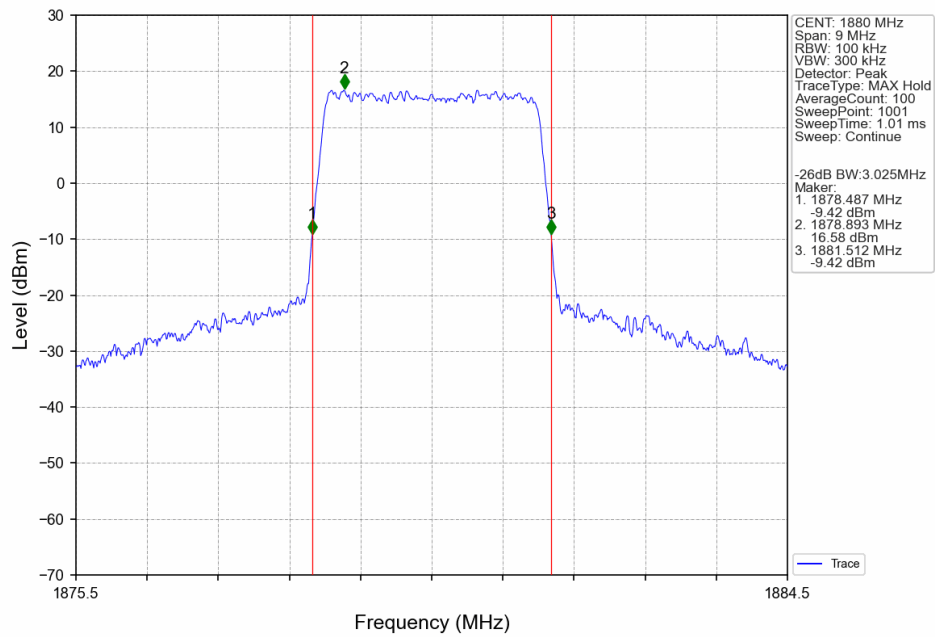
3.2.2 Band2_XDB



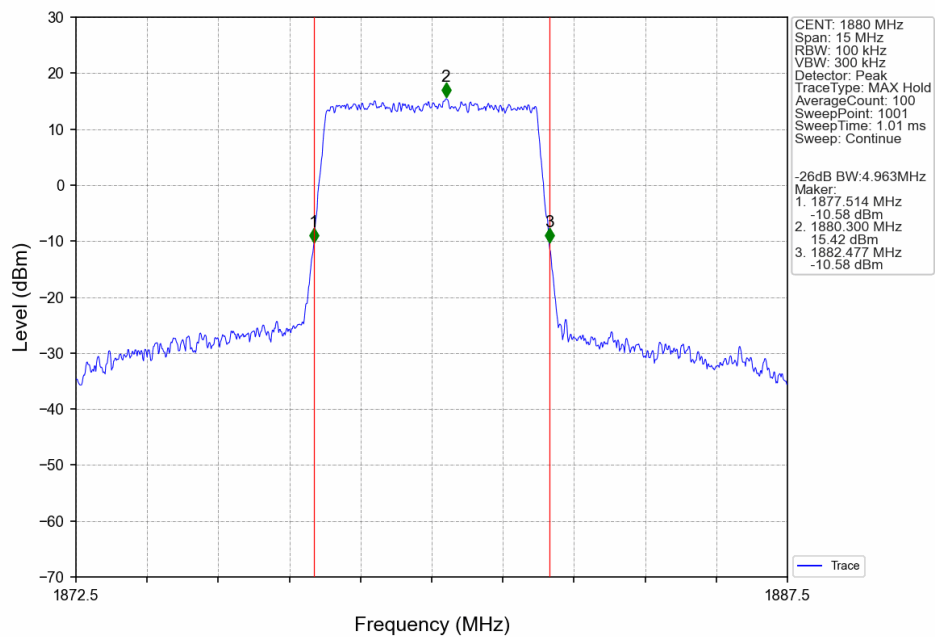
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



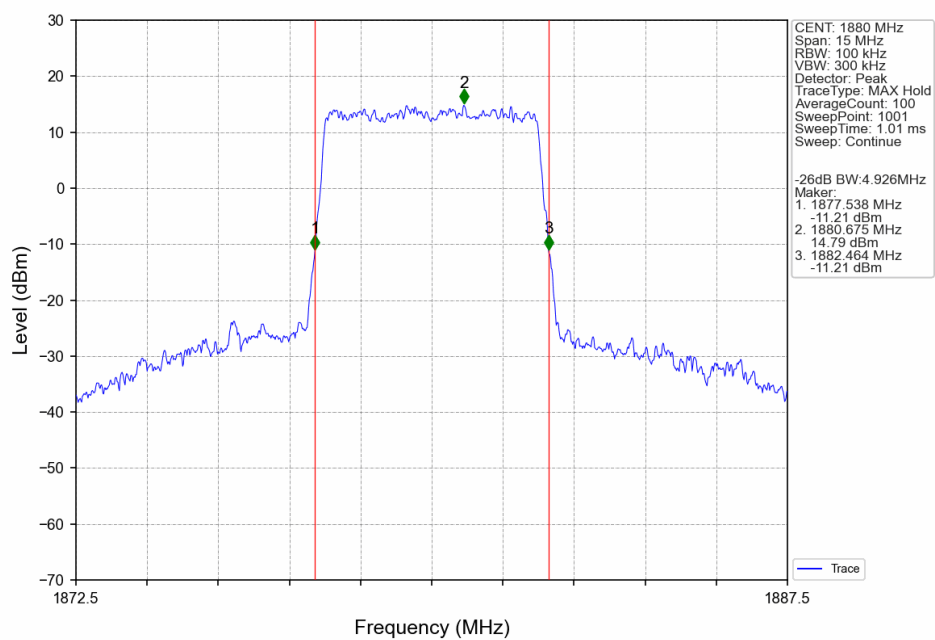
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



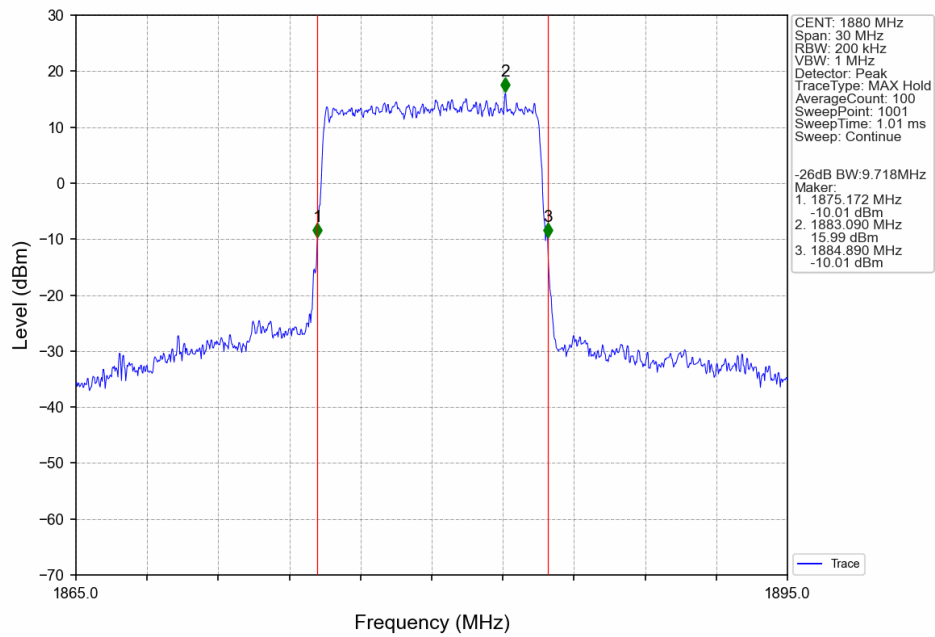
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



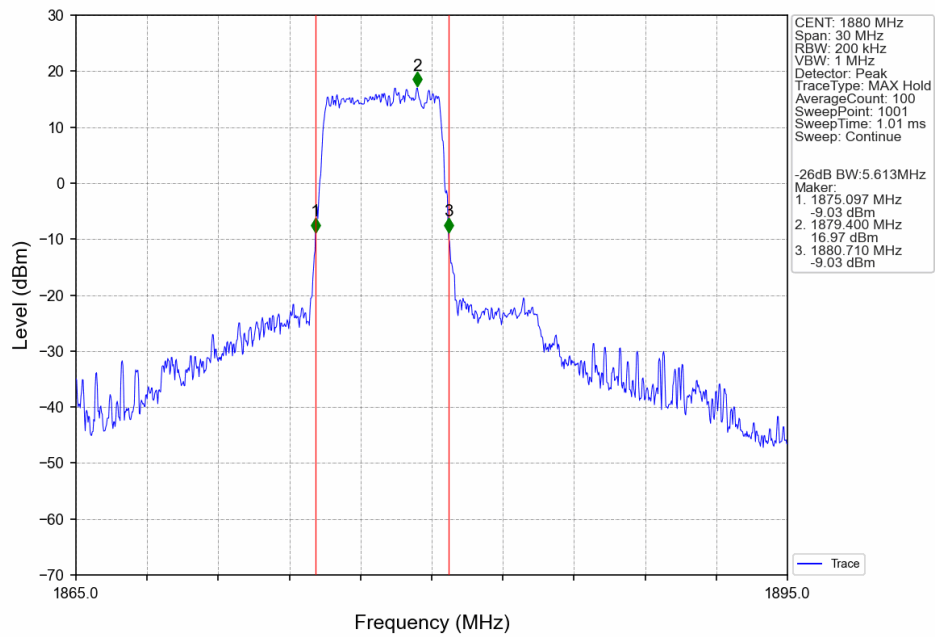
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



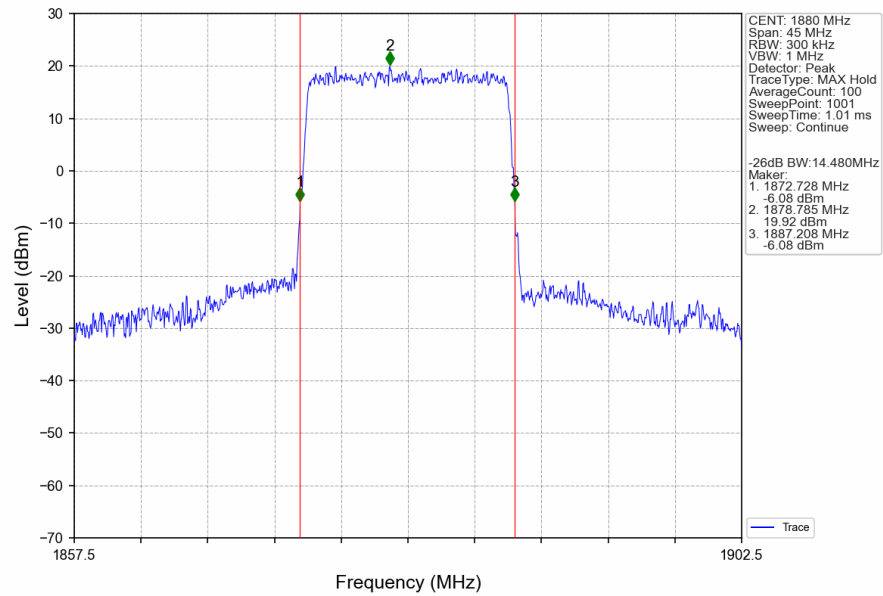
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



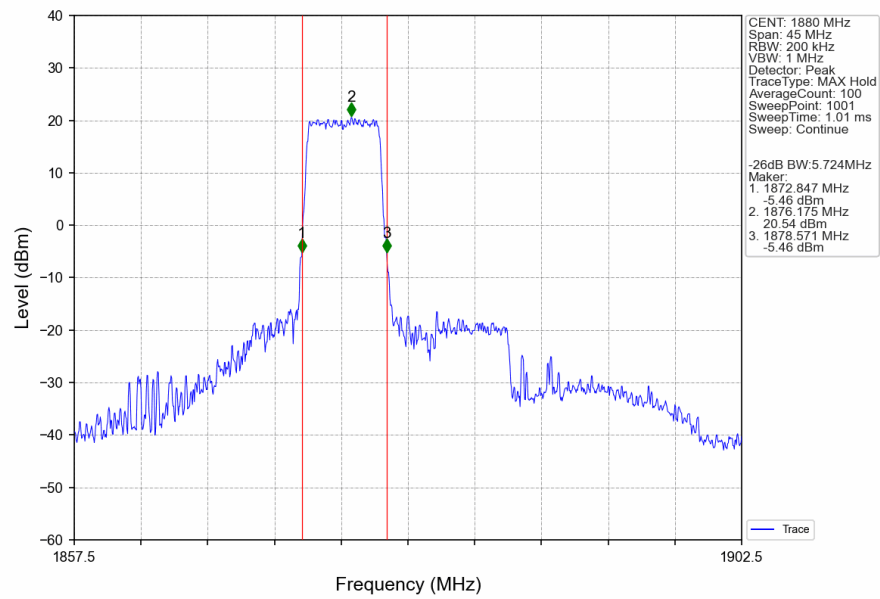
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



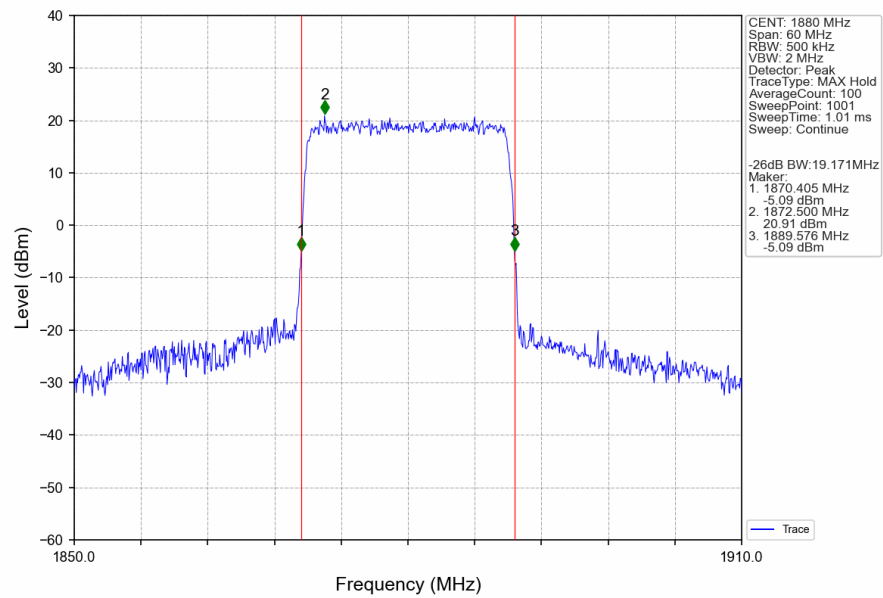
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



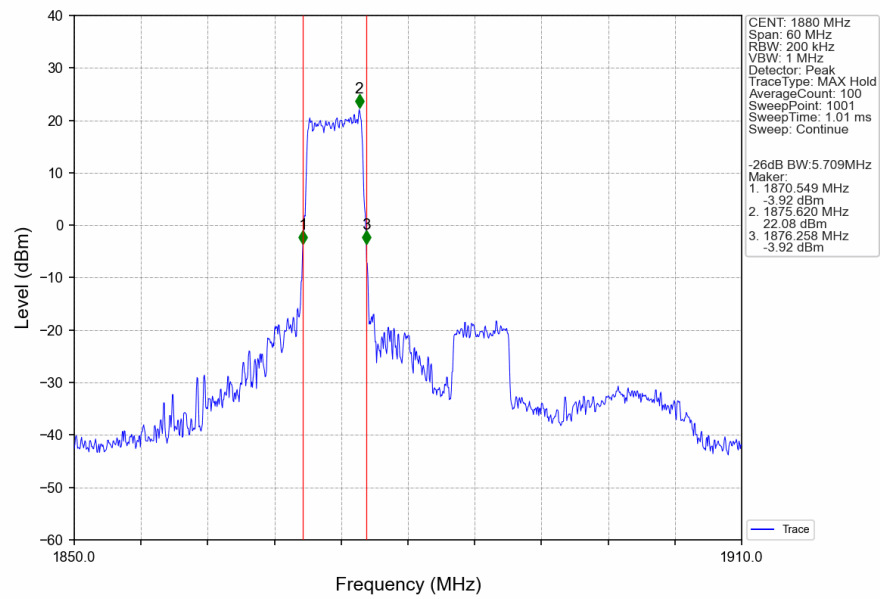
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



4. Peak-Average Ratio

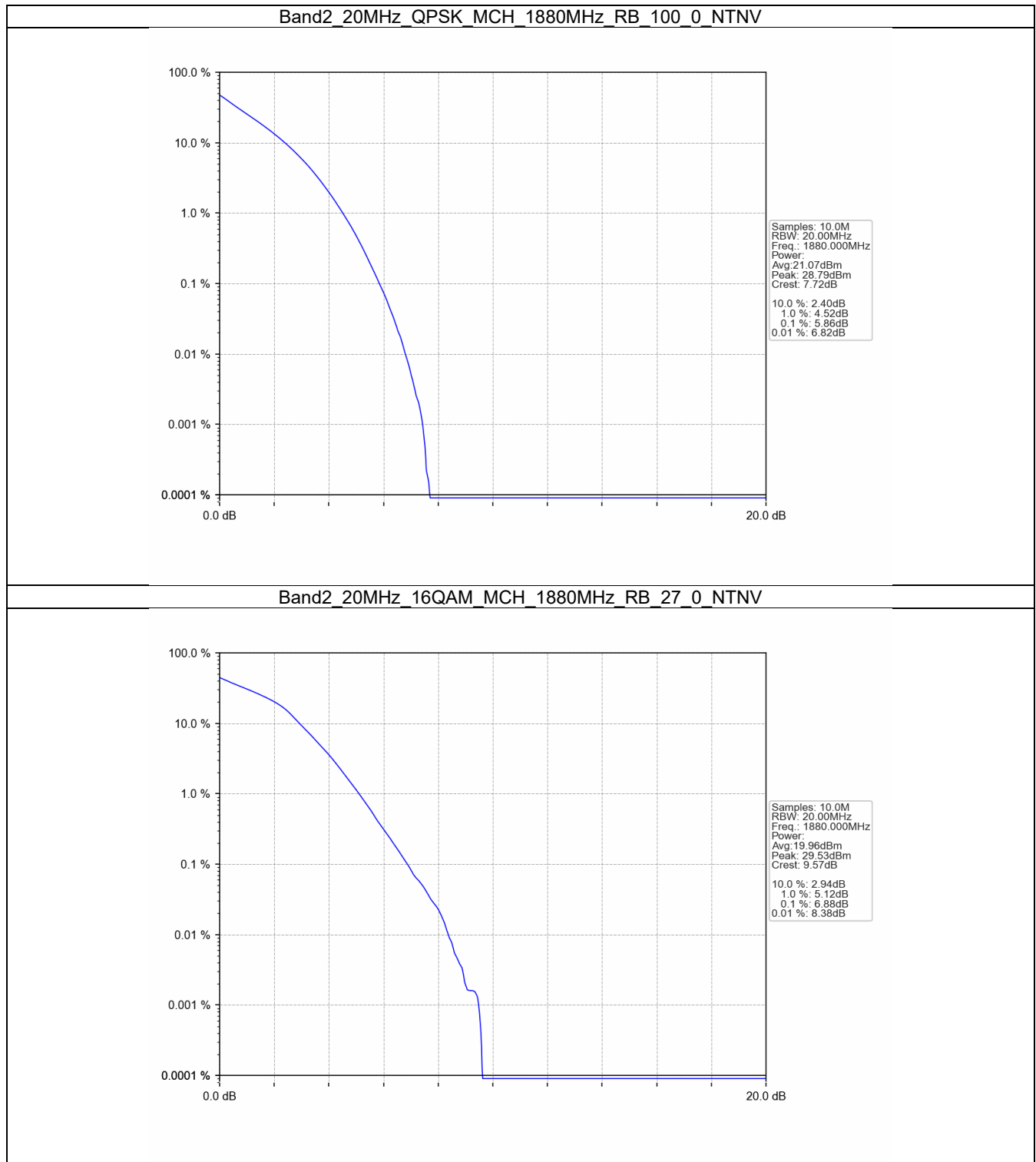
4.1 Test Result

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	5.86	<=13	Pass
16QAM	1880	27	0	6.88	<=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

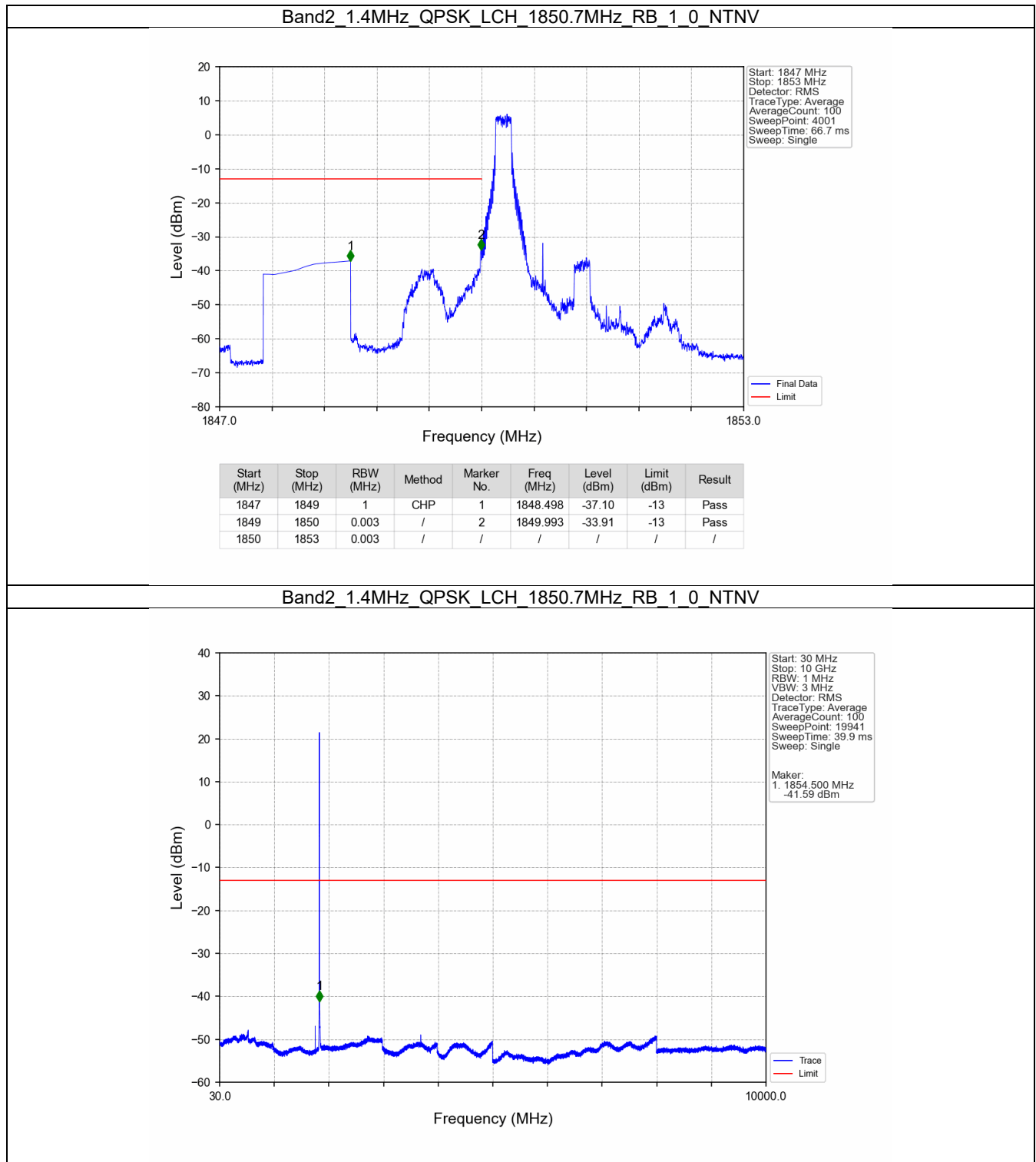
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.6 B2_20MHz

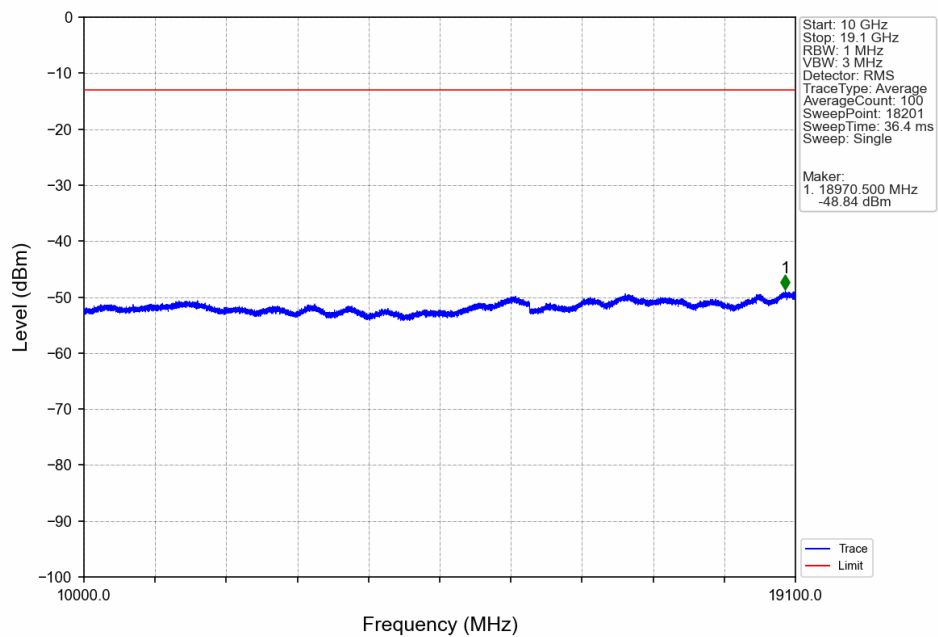
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

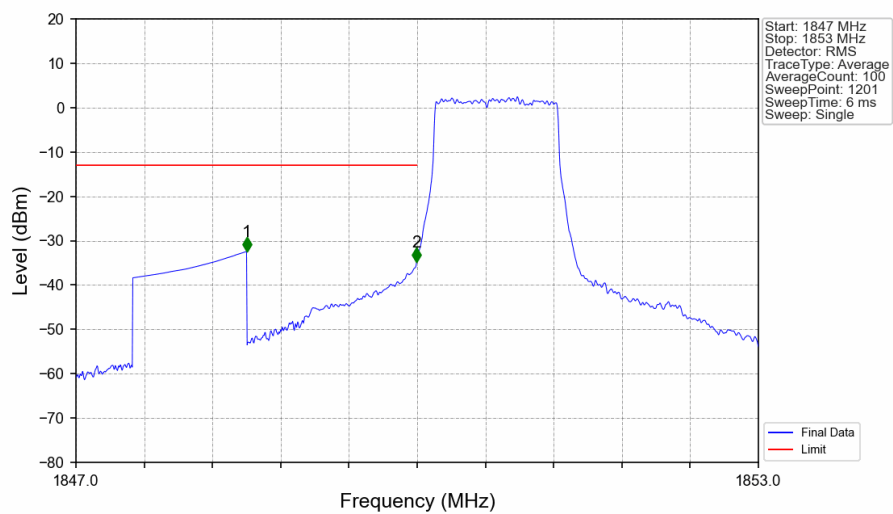
5.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

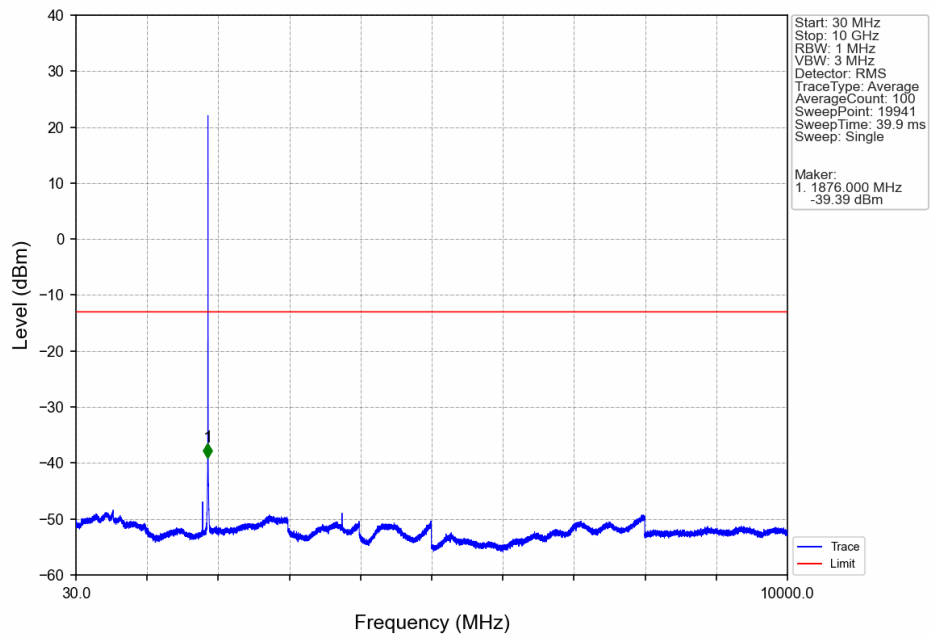


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

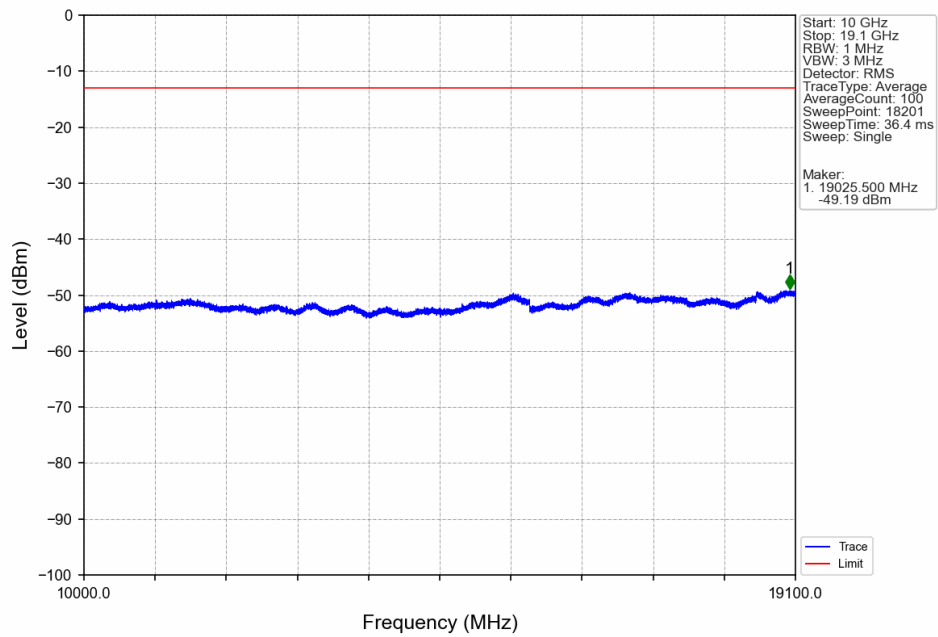


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-32.44	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-34.82	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

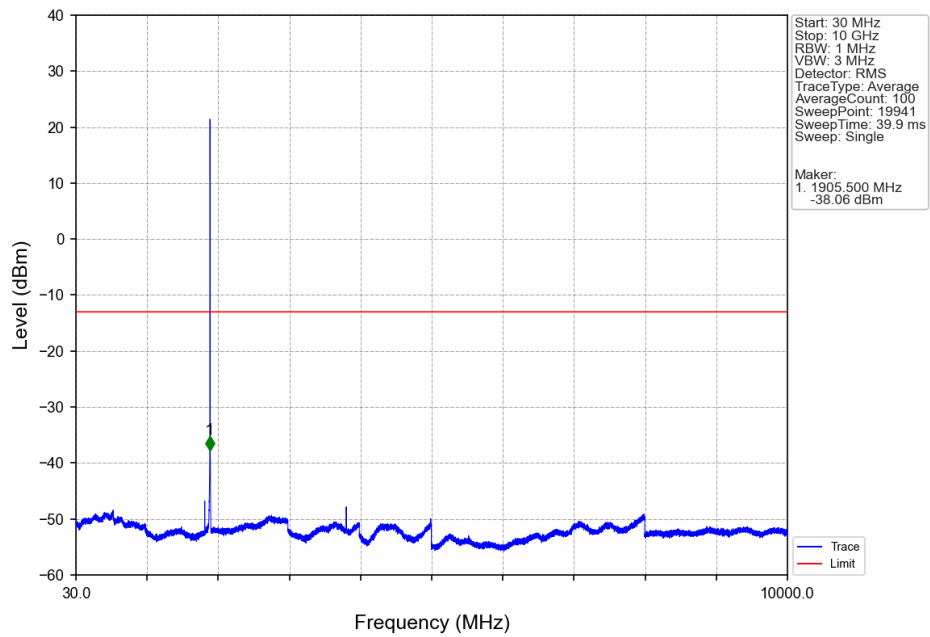
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



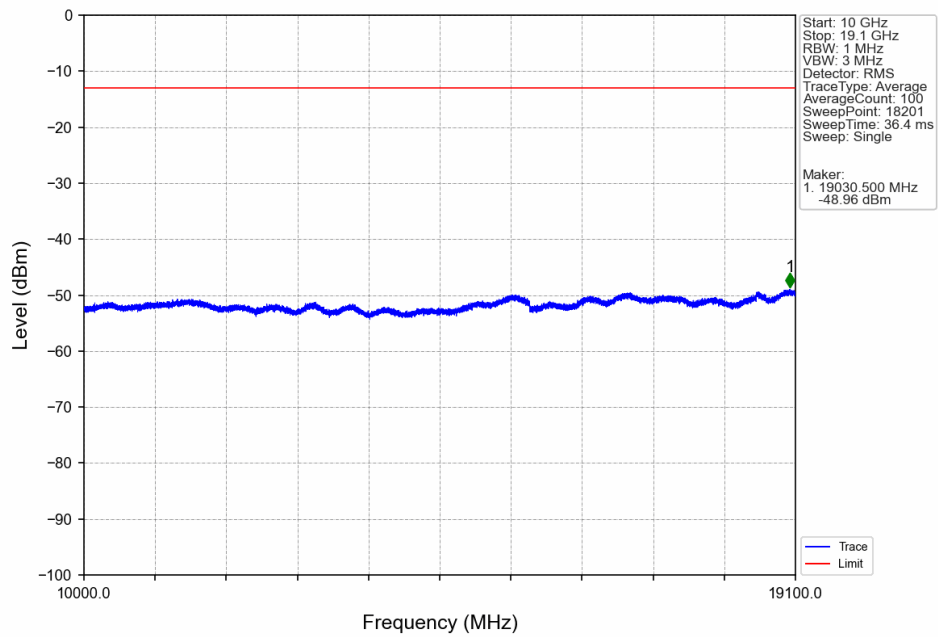
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



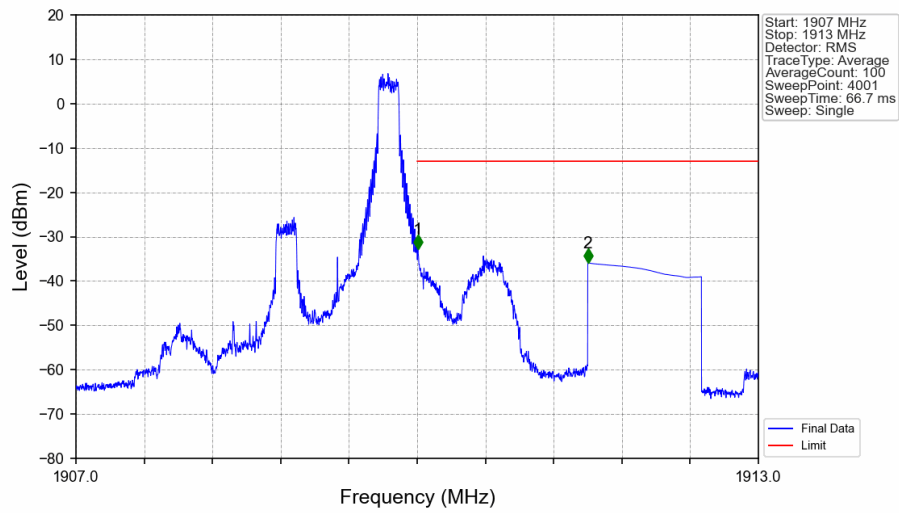
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

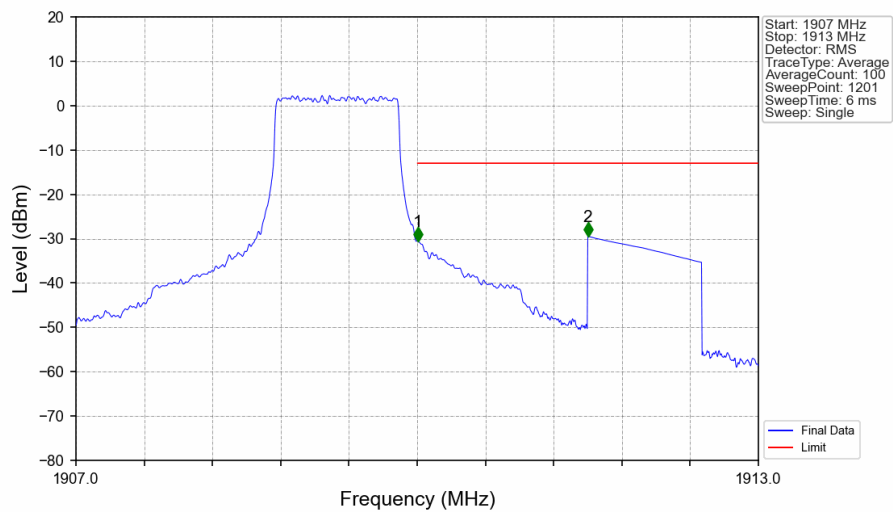


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



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	-32.78	-13	Pass
1911	1913	1	CHP	2	1911.500	-35.91	-13	Pass

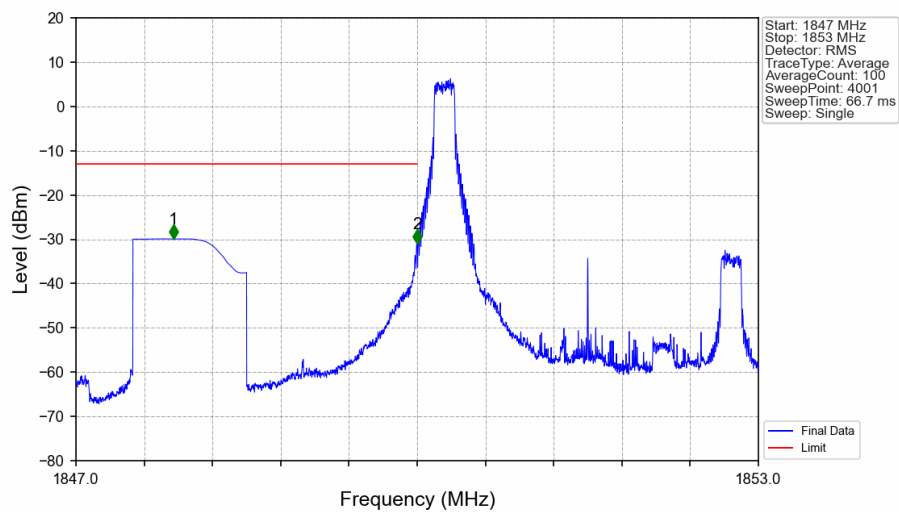
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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	-30.59	-13	Pass
1911	1913	1	CHP	2	1911.500	-29.47	-13	Pass

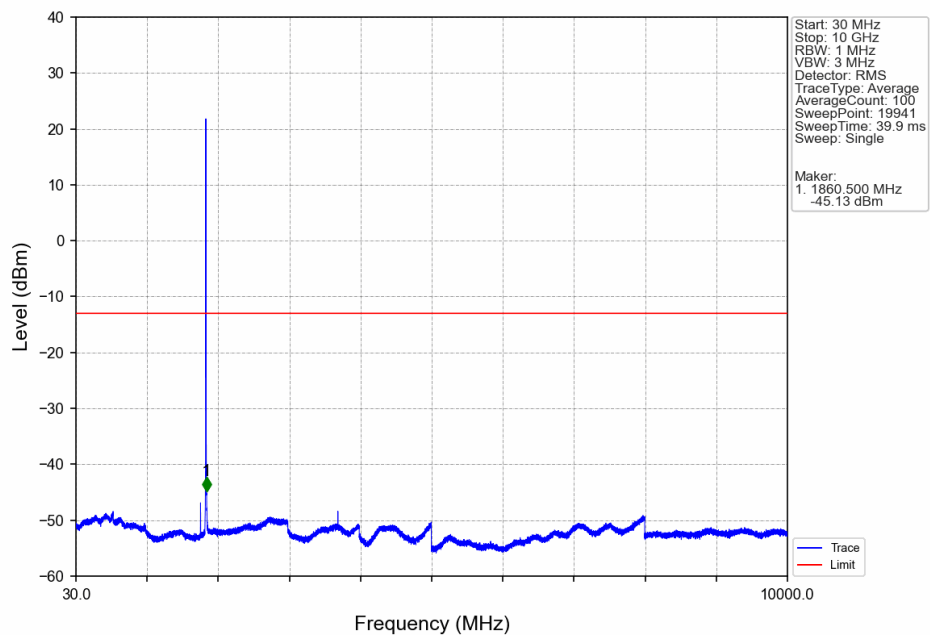
5.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

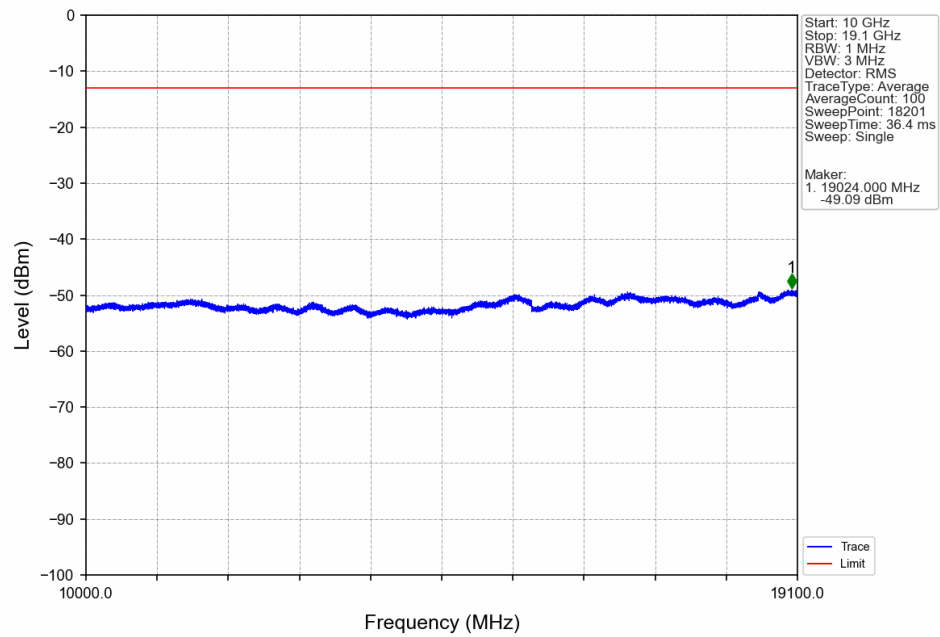


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.855	-29.90	-13	Pass
1849	1850	0.003	/	2	1849.998	-30.87	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

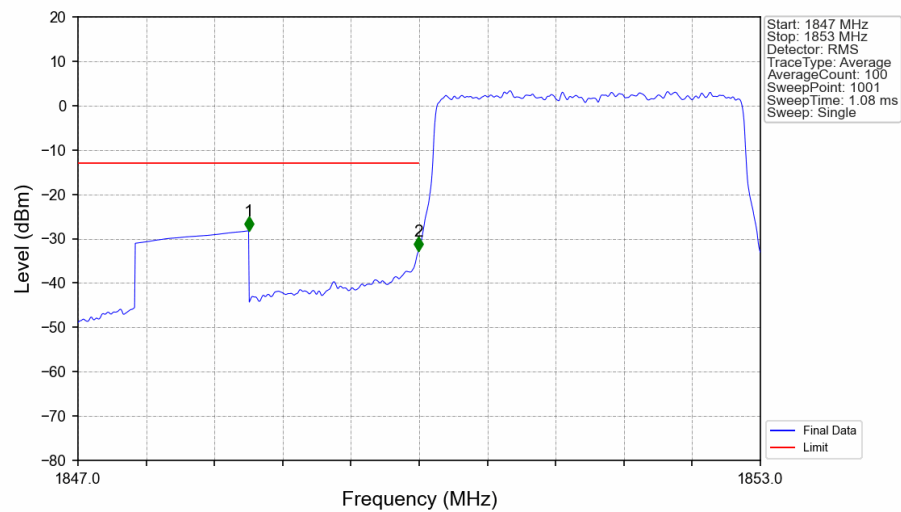
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

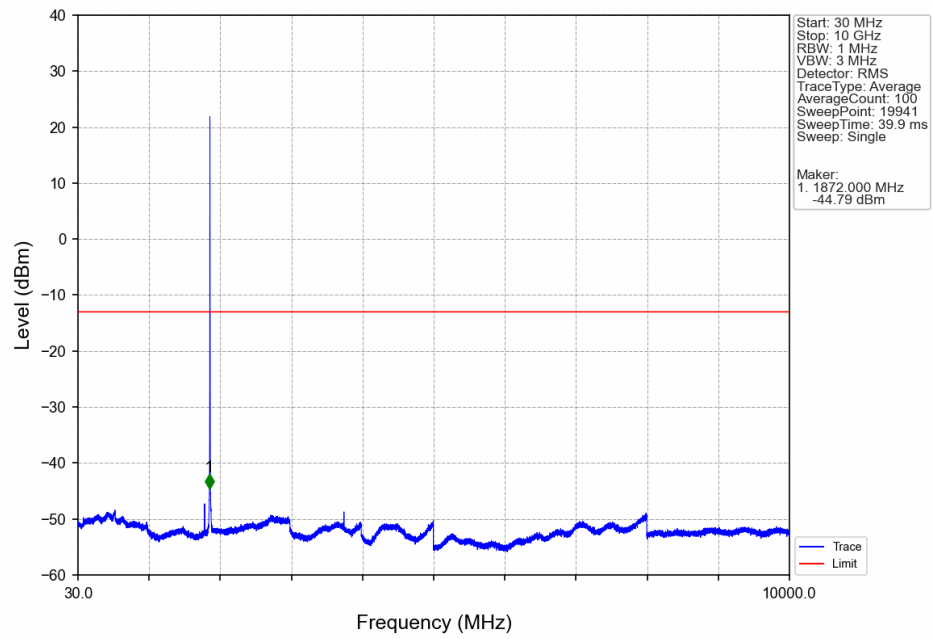


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

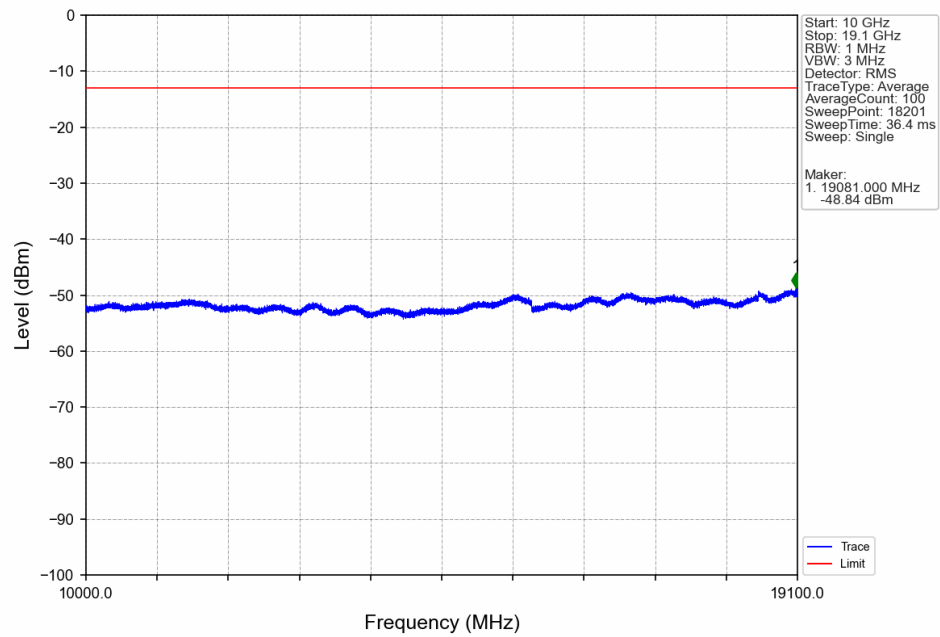


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-28.25	-13	Pass
1849	1850	0.03	/	2	1849.994	-32.78	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

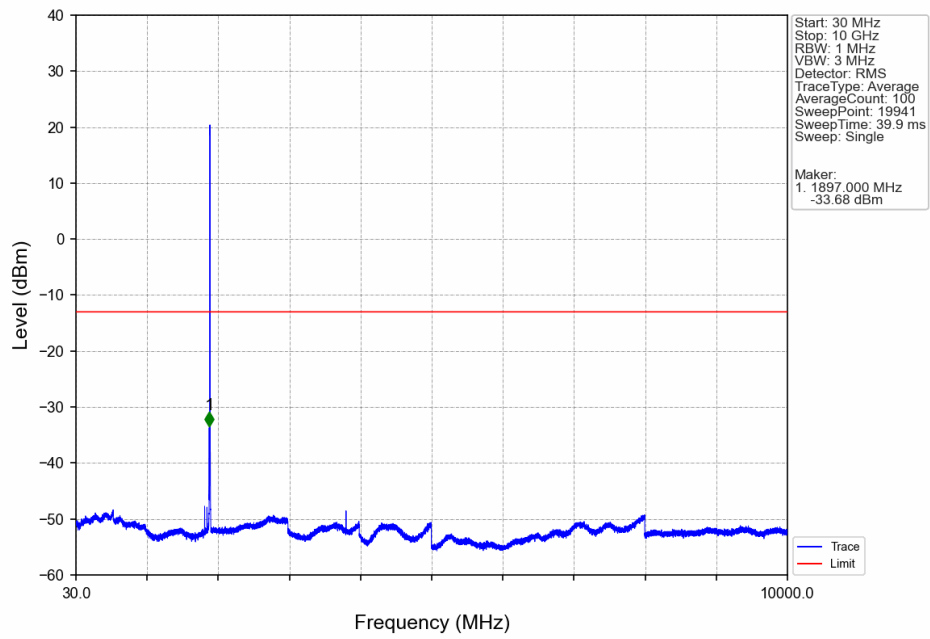
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



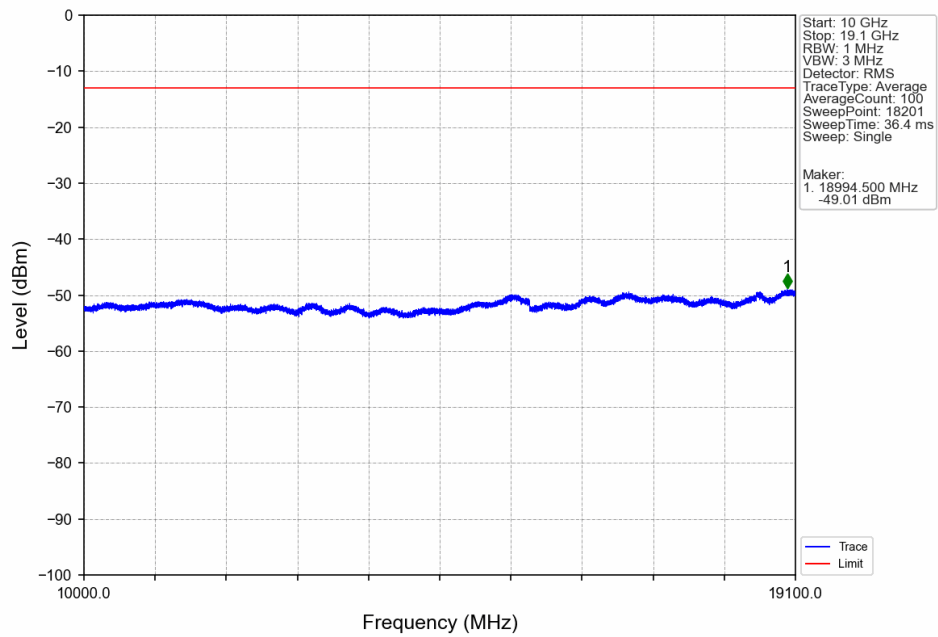
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



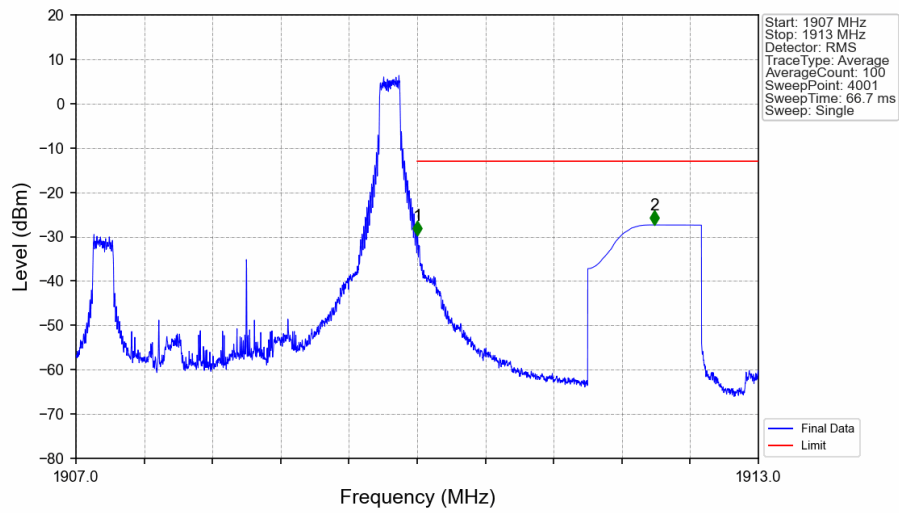
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

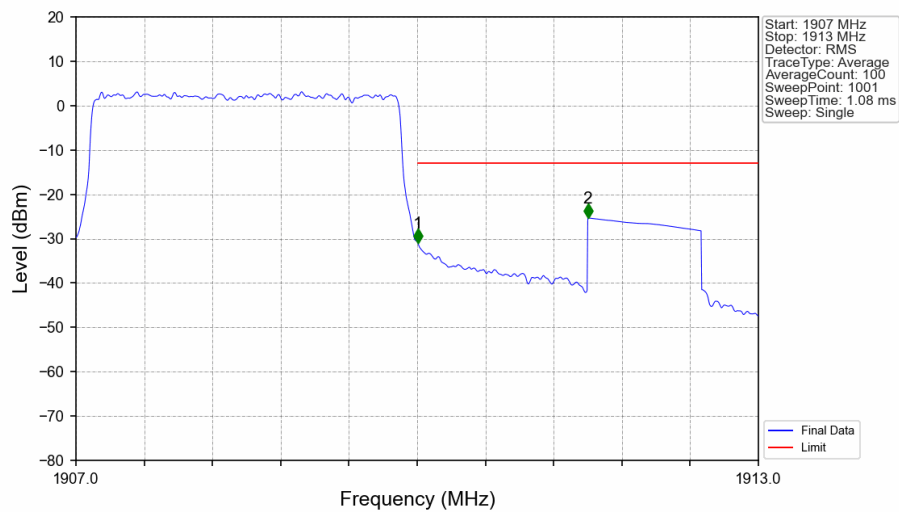


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



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	-29.66	-13	Pass
1911	1913	1	CHP	2	1912.085	-27.36	-13	Pass

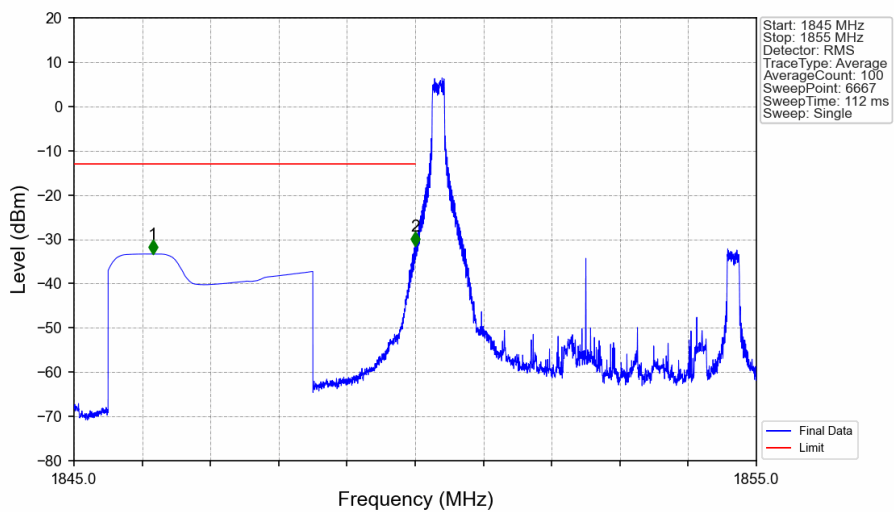
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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	-30.97	-13	Pass
1911	1913	1	CHP	2	1911.500	-25.33	-13	Pass

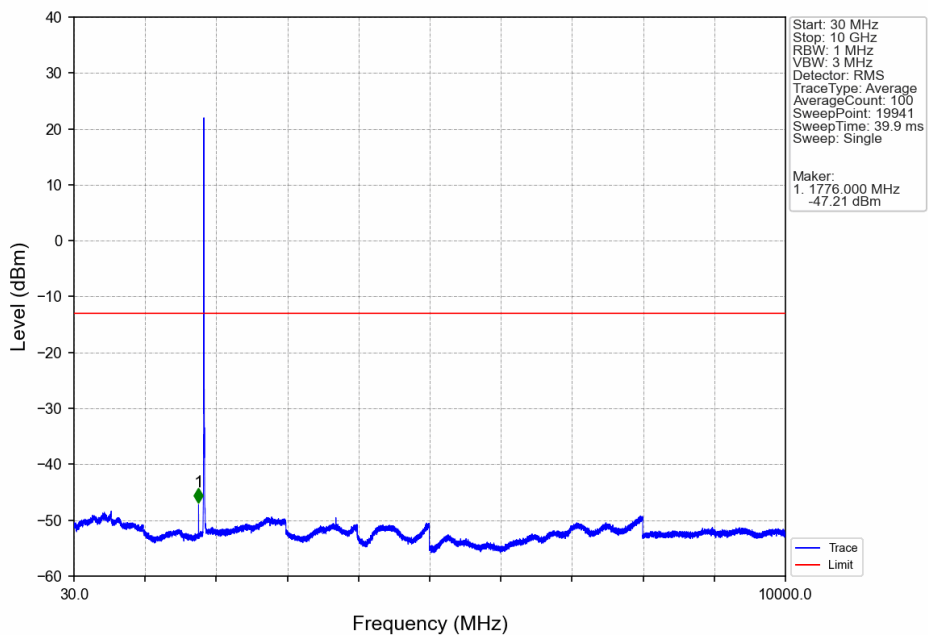
5.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

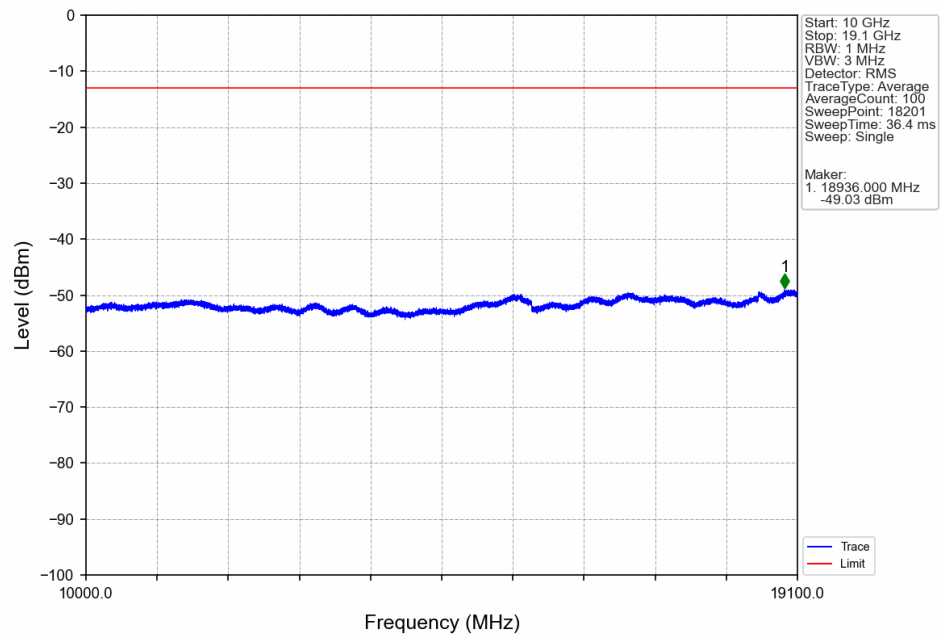


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1846.157	-33.31	-13	Pass
1849	1850	0.003	/	2	1849.997	-31.50	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

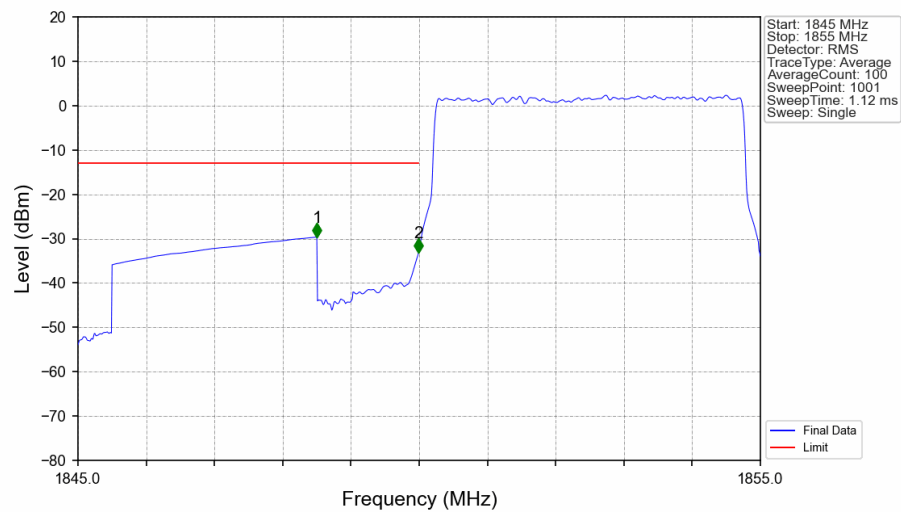
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

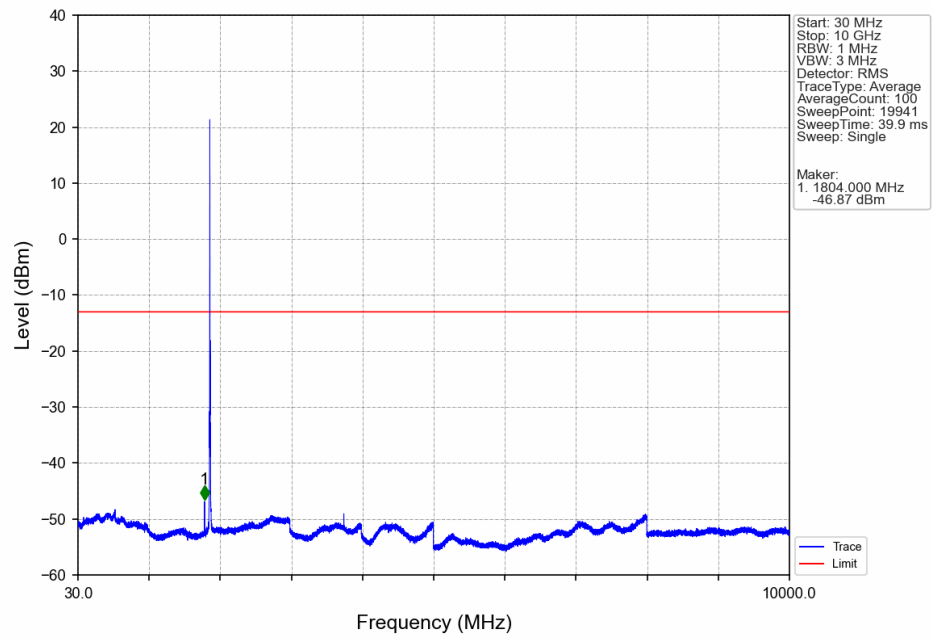


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

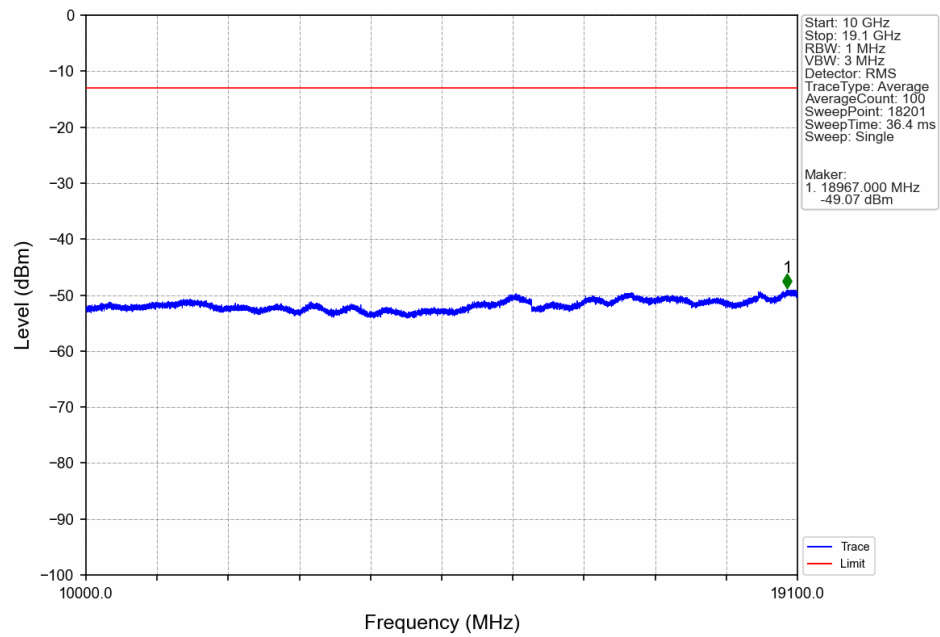


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-29.65	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-33.15	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

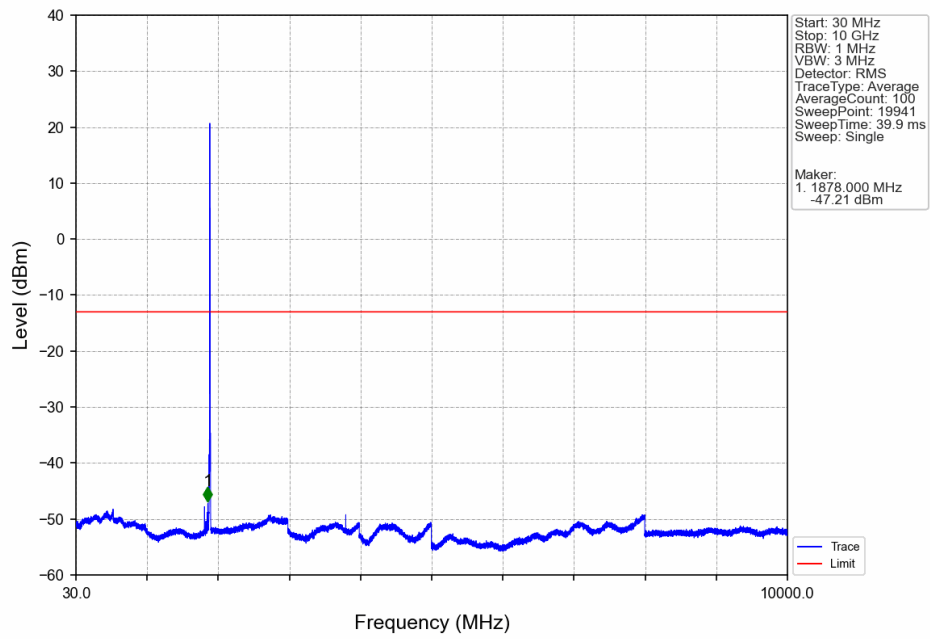
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



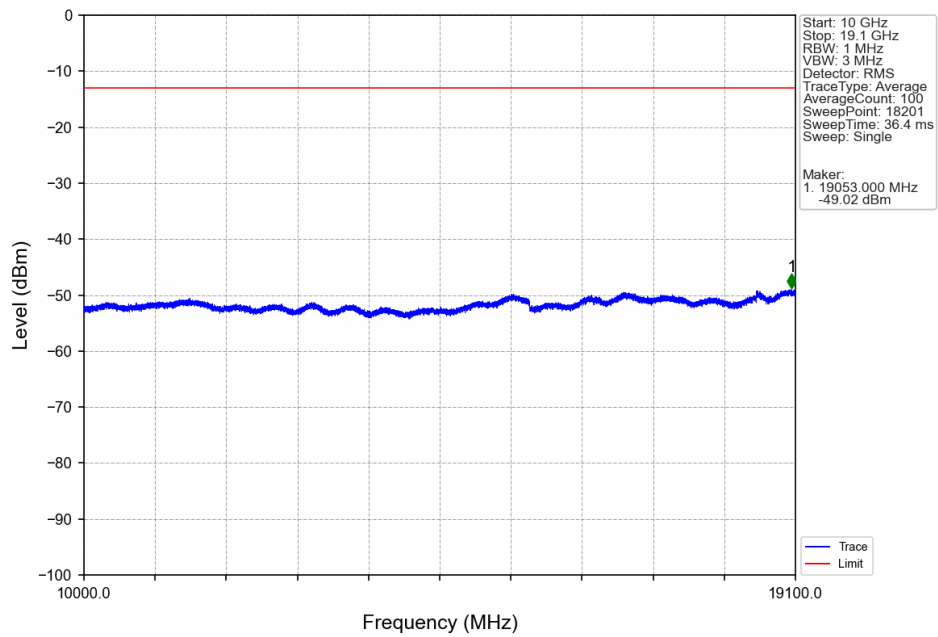
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



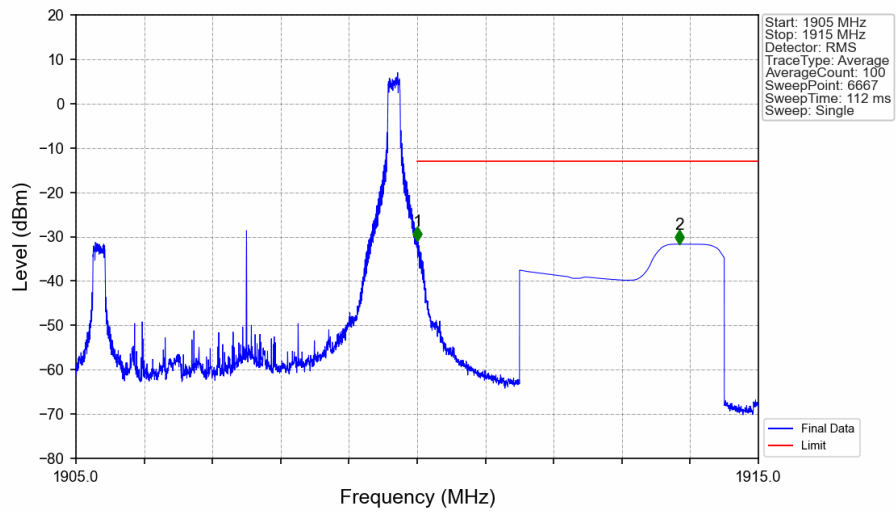
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

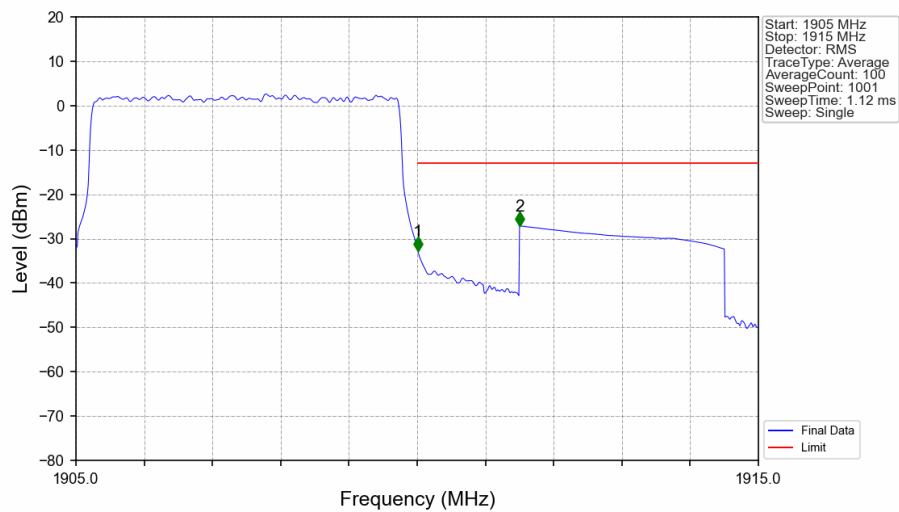


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



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	-31.02	-13	Pass
1911	1915	1	CHP	2	1913.839	-31.68	-13	Pass

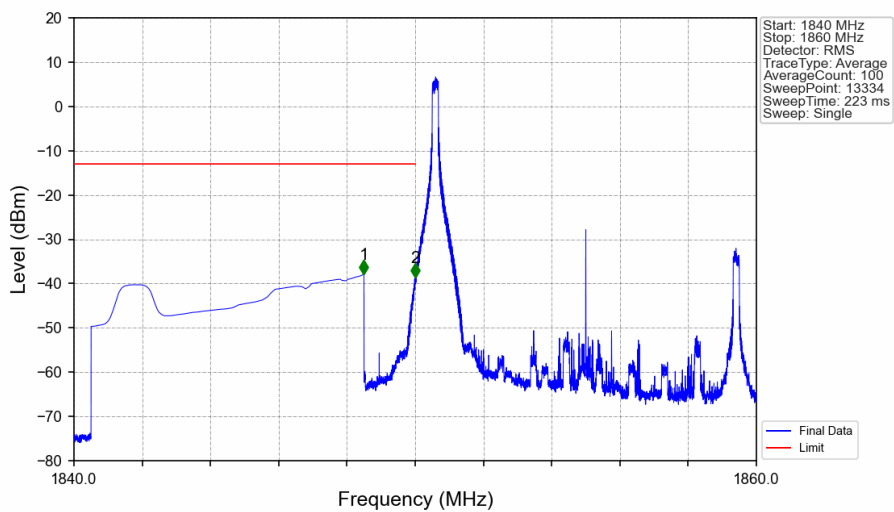
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



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	-32.84	-13	Pass
1911	1915	1	CHP	2	1911.500	-27.14	-13	Pass

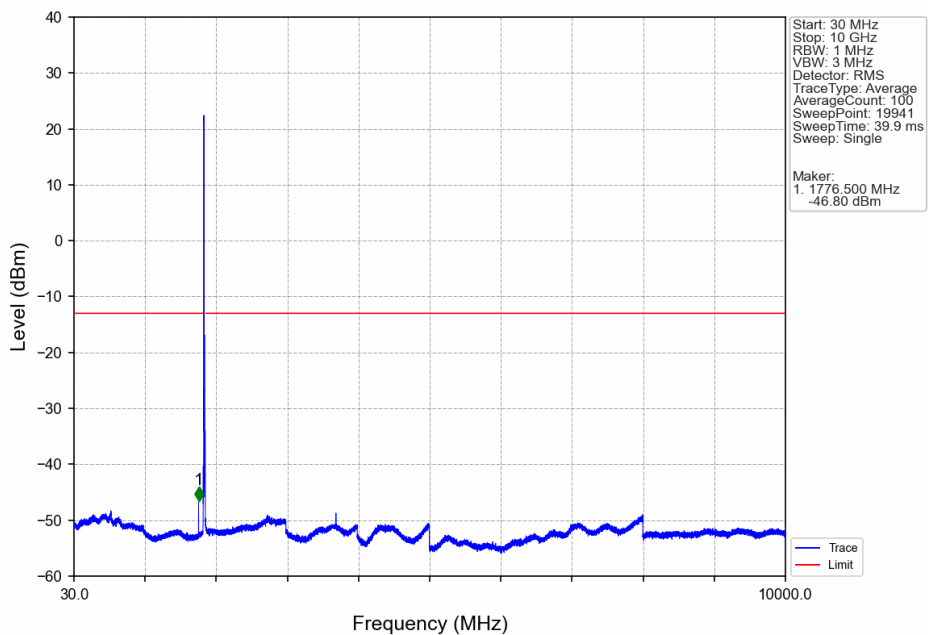
5.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

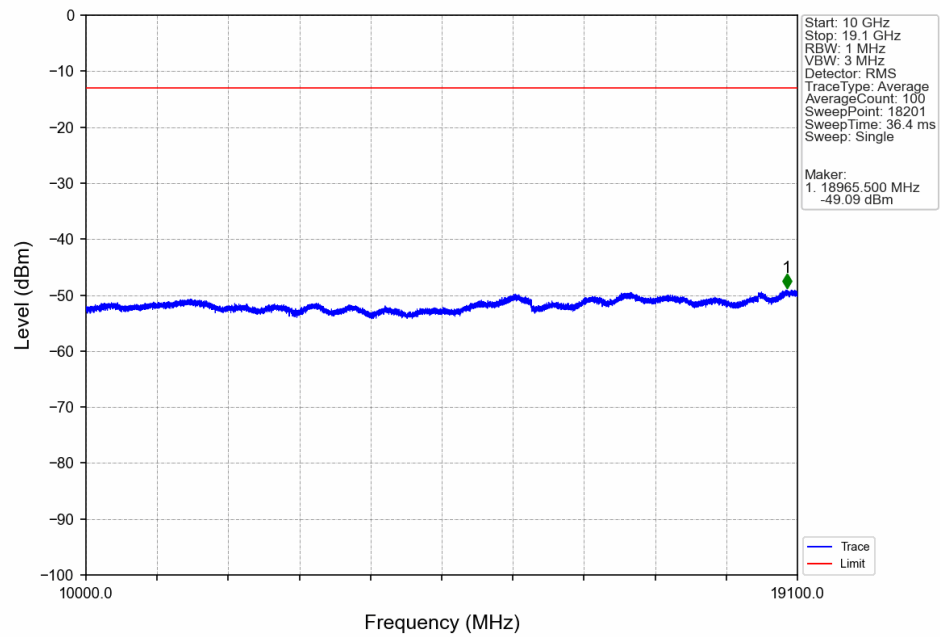


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.496	-37.92	-13	Pass
1849	1850	0.003	/	2	1849.999	-38.57	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

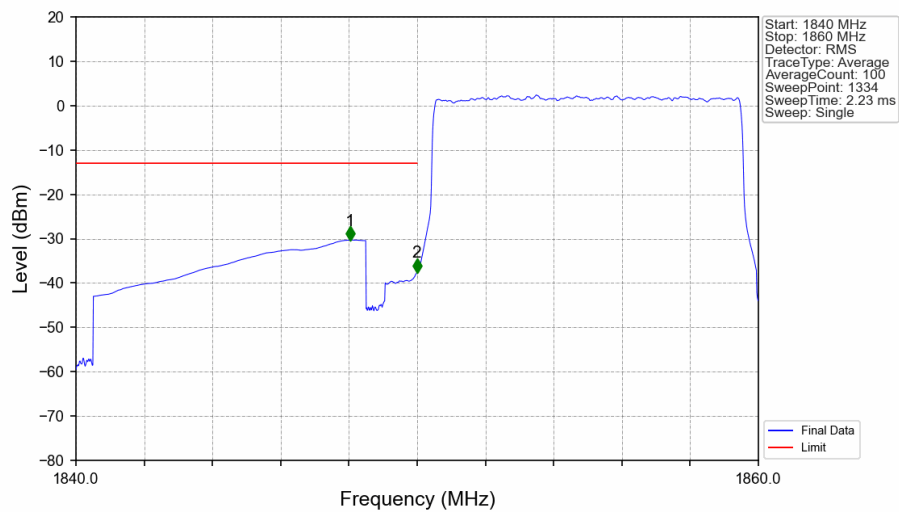
Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

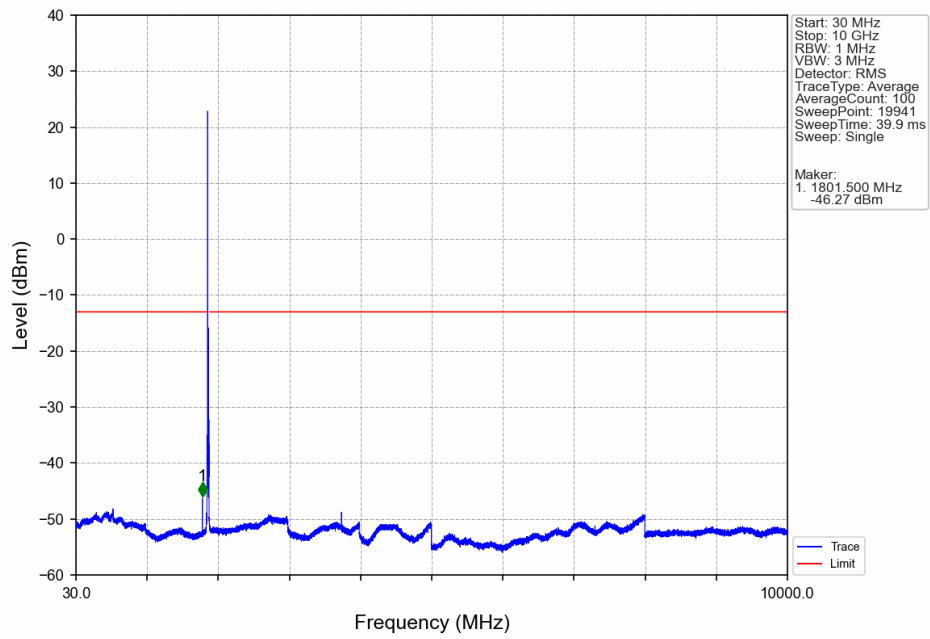


Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

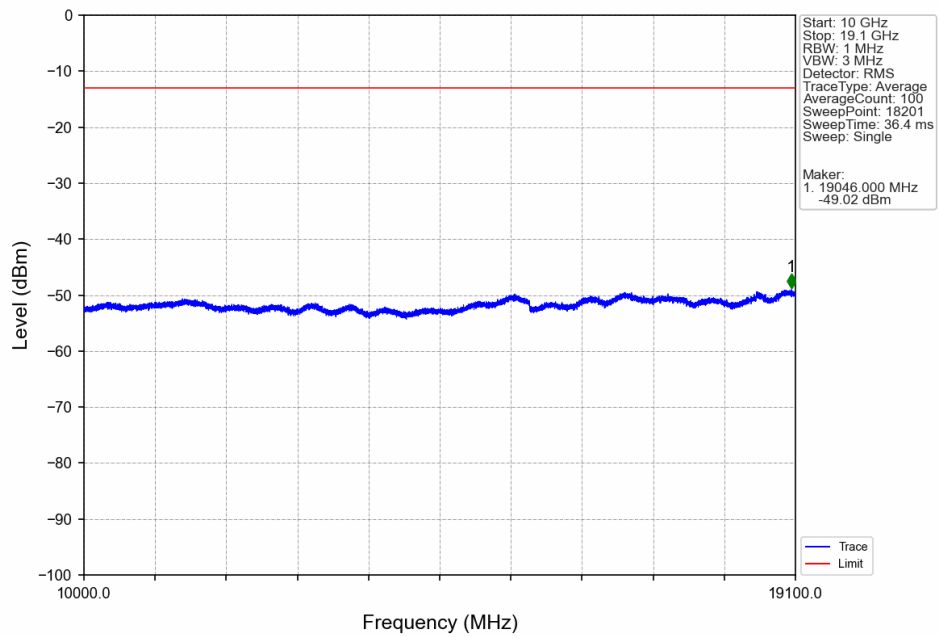


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.027	-30.32	-13	Pass
1849	1850	0.097	CHP	2	1849.992	-37.60	-13	Pass
1850	1860	0.097	CHP	/	/	/	/	/

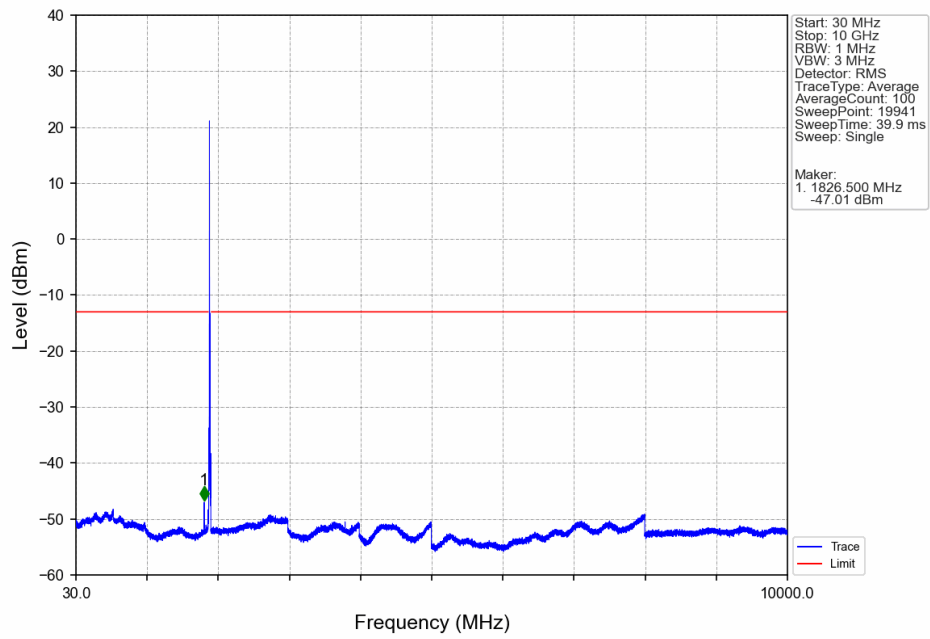
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



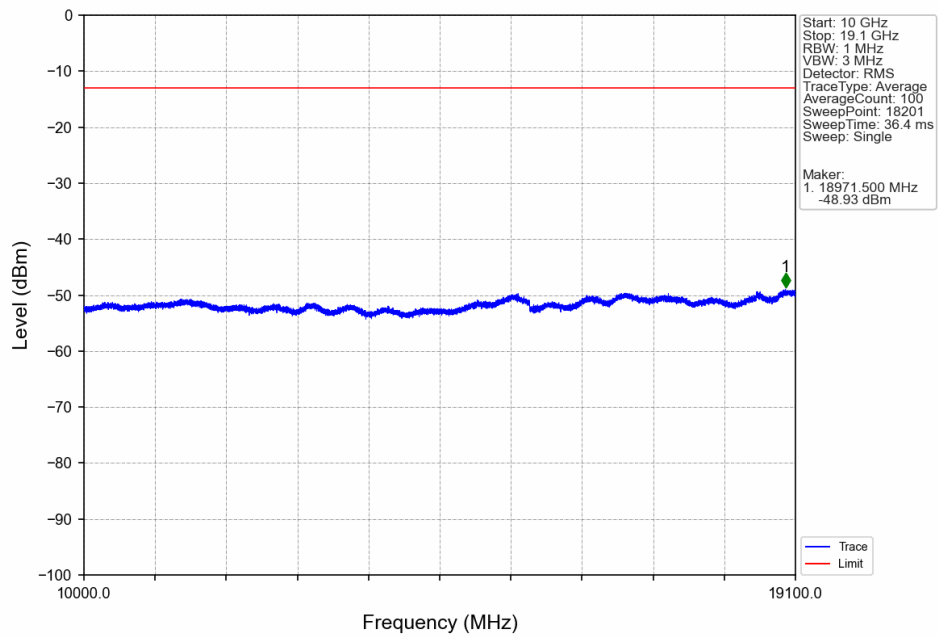
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



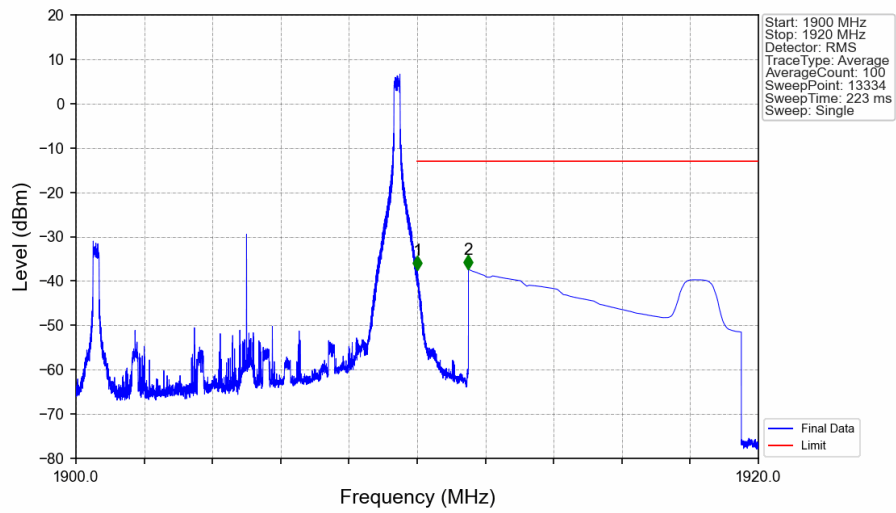
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

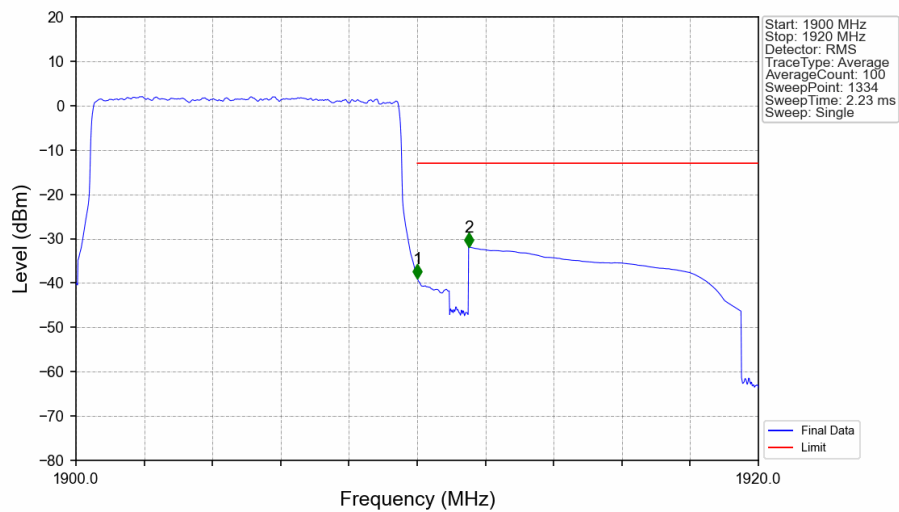


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



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	-37.44	-13	Pass
1911	1920	1	CHP	2	1911.501	-37.38	-13	Pass

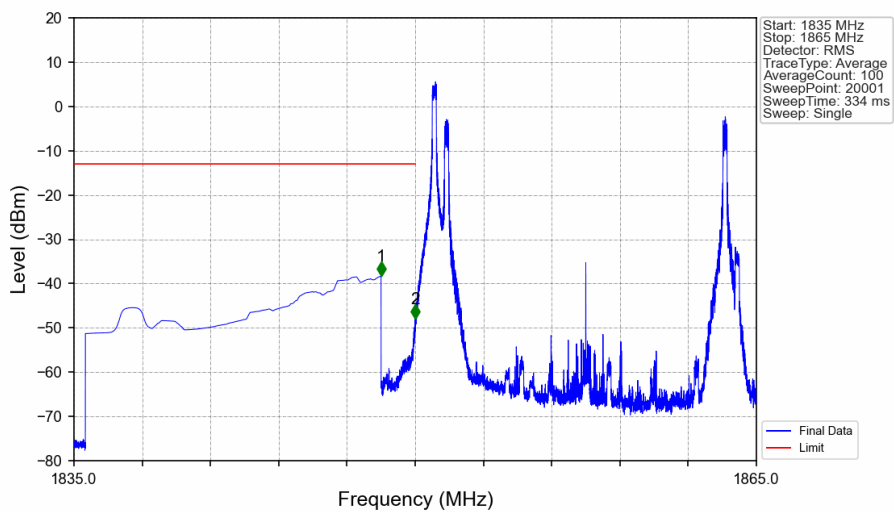
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



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	-39.04	-13	Pass
1911	1920	1	CHP	2	1911.508	-31.88	-13	Pass

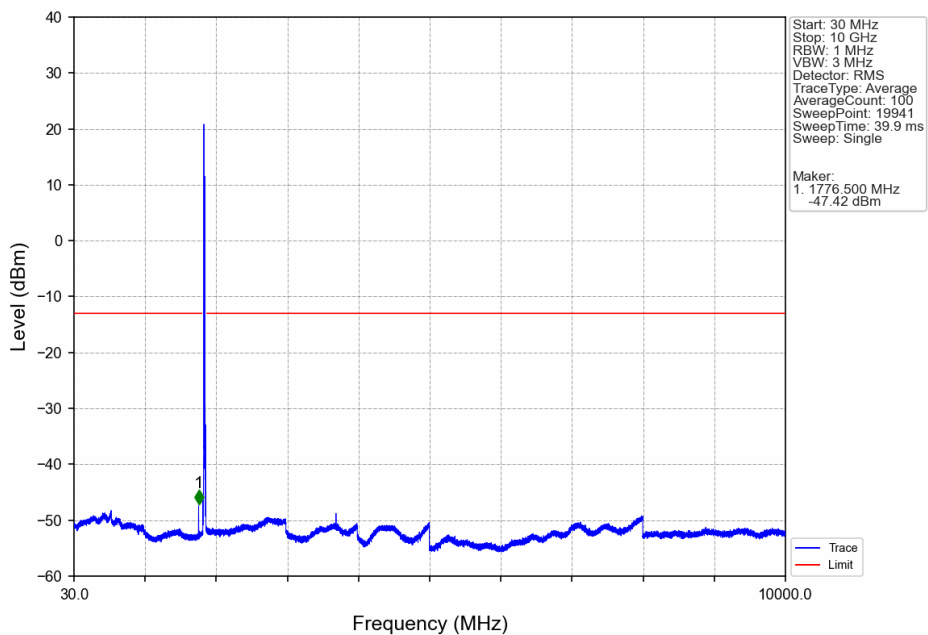
5.2.5 B2_15MHz

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

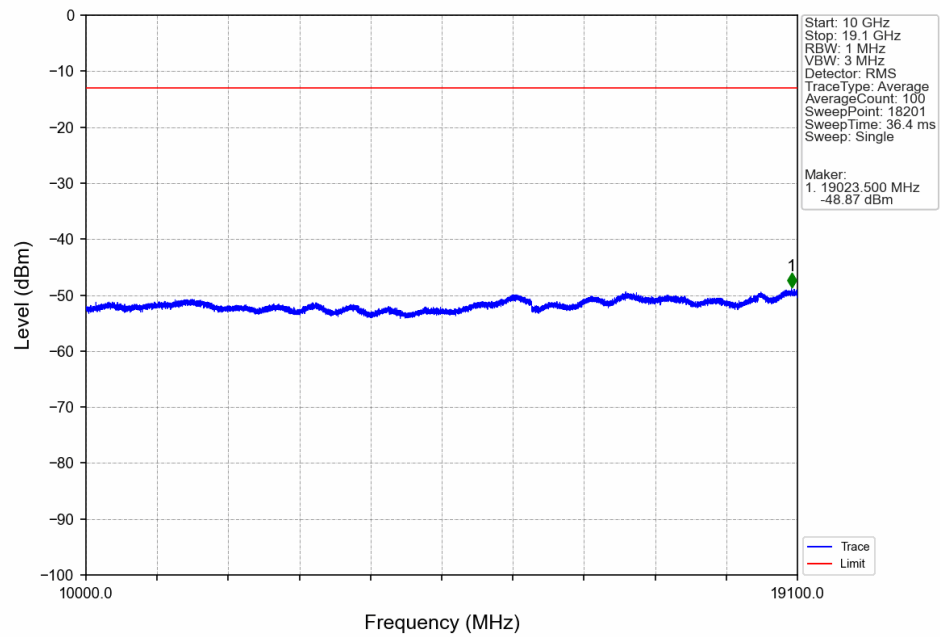


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.498	-38.30	-13	Pass
1849	1850	0.003	/	2	1849.994	-47.94	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

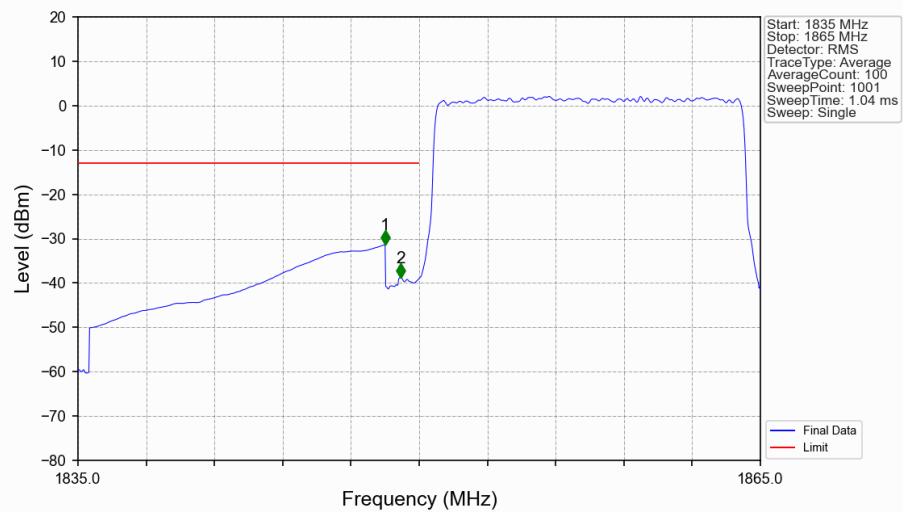
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

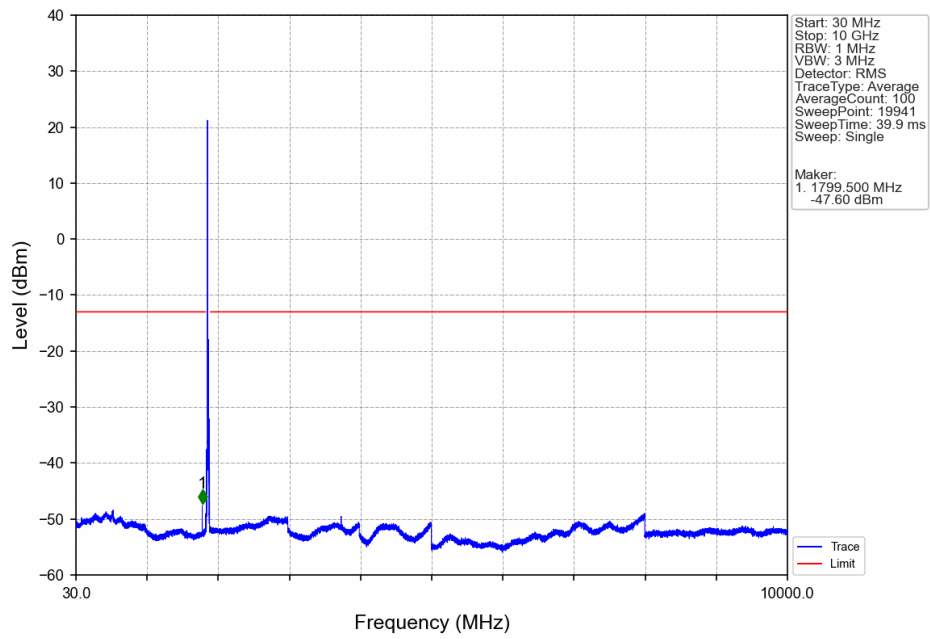


Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

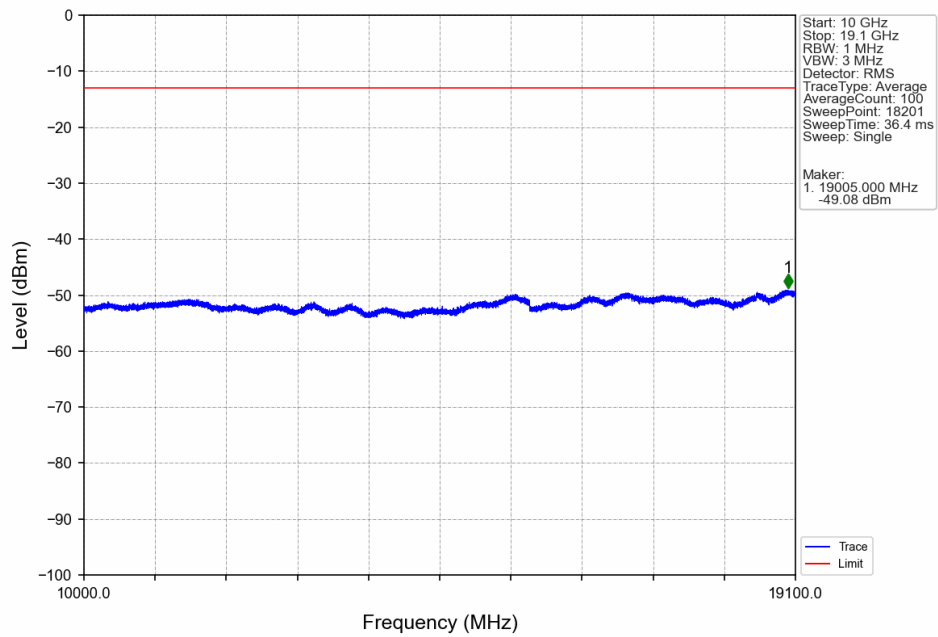


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.500	-31.37	-13	Pass
1849	1850	0.144	CHP	2	1849.190	-38.71	-13	Pass
1850	1865	0.144	CHP	/	/	/	/	/

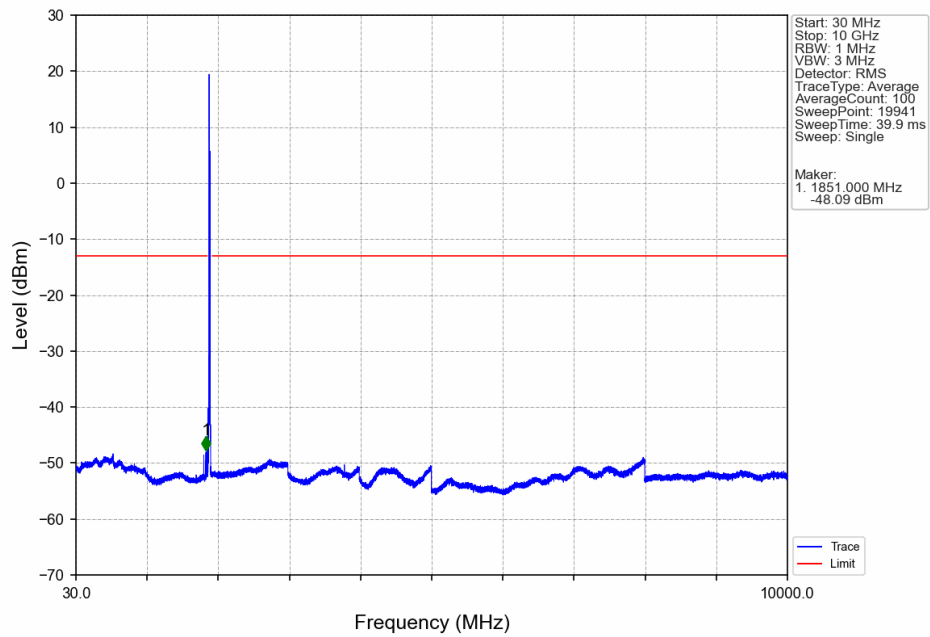
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



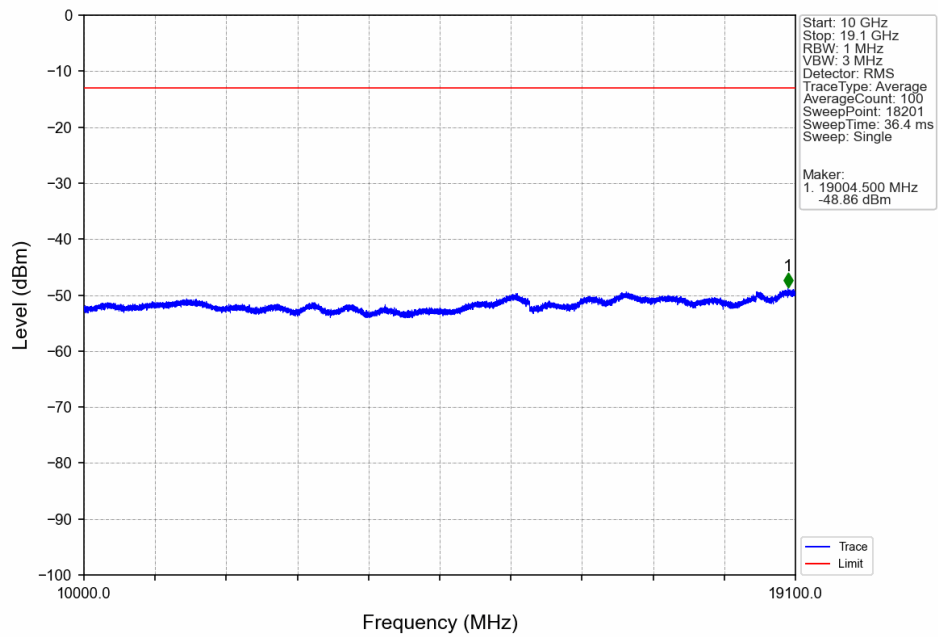
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



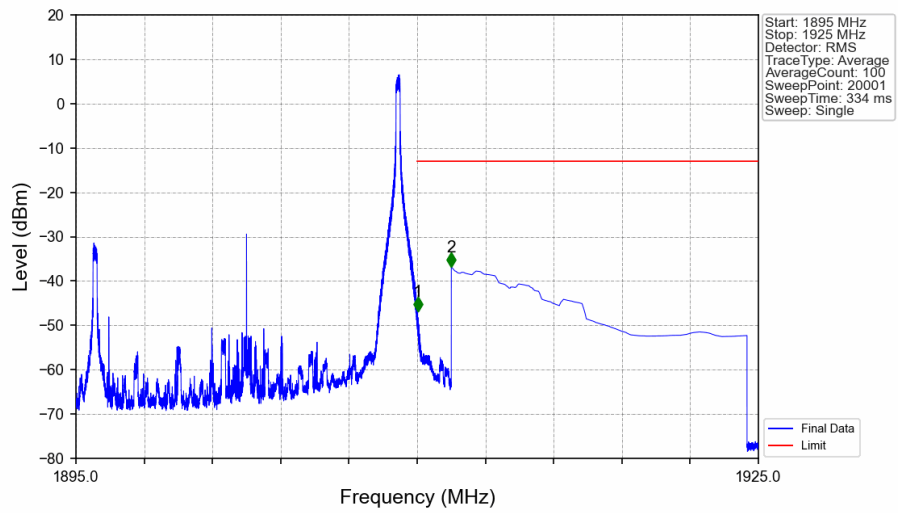
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV

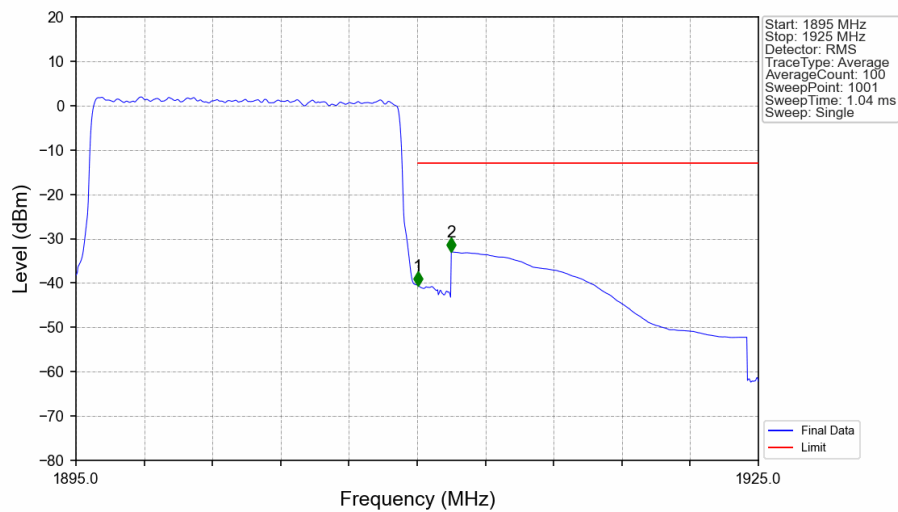


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



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	1910.020	-46.84	-13	Pass
1911	1925	1	CHP	2	1911.500	-36.83	-13	Pass

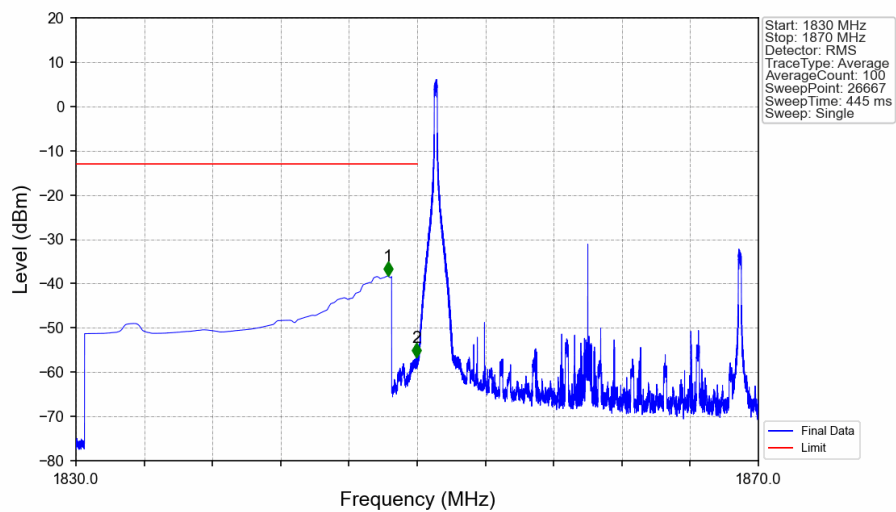
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



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	1910.030	-40.56	-13	Pass
1911	1925	1	CHP	2	1911.500	-32.94	-13	Pass

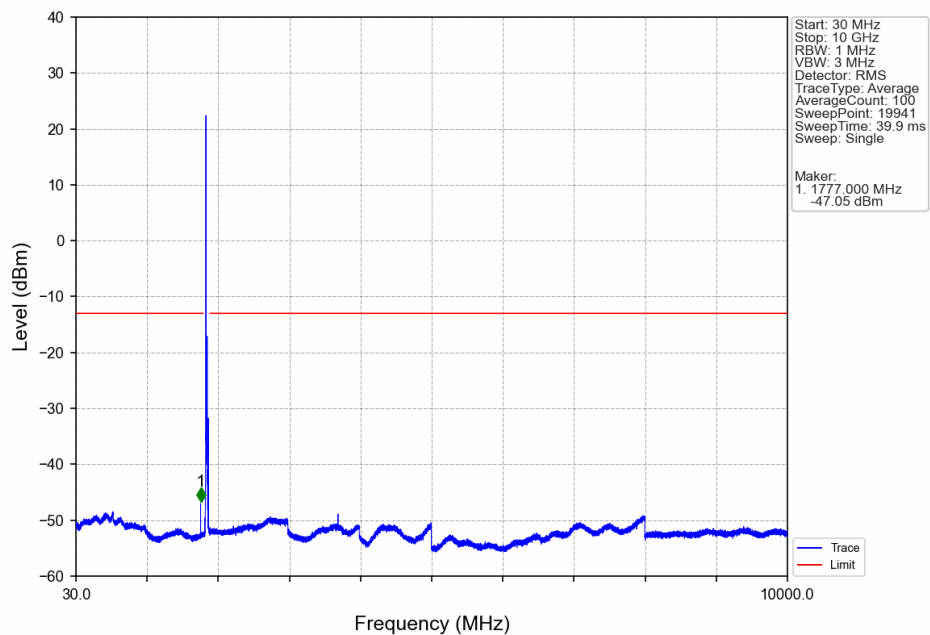
5.2.6 B2_20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

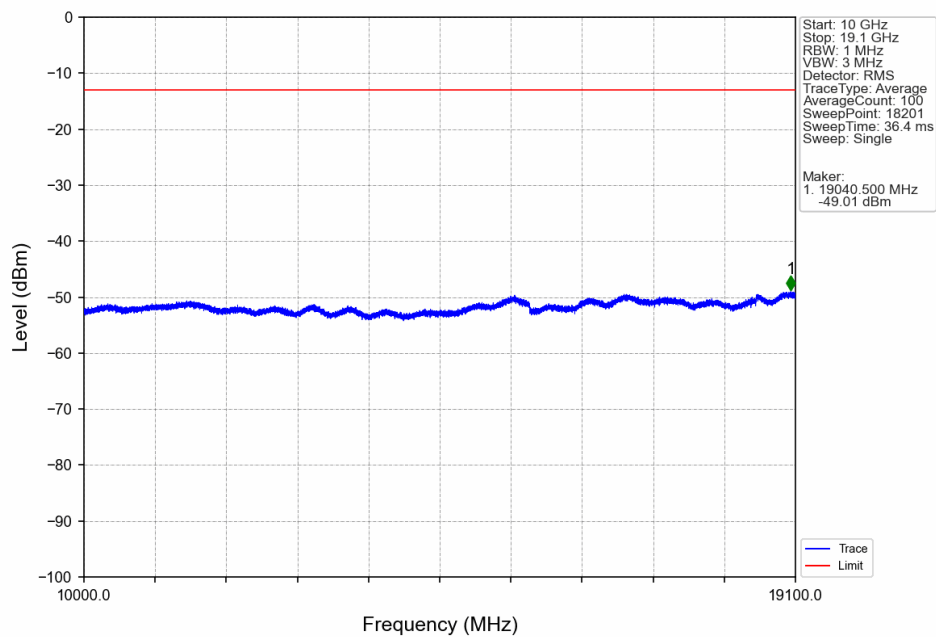


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.284	-38.29	-13	Pass
1849	1850	0.003	/	2	1849.973	-56.54	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

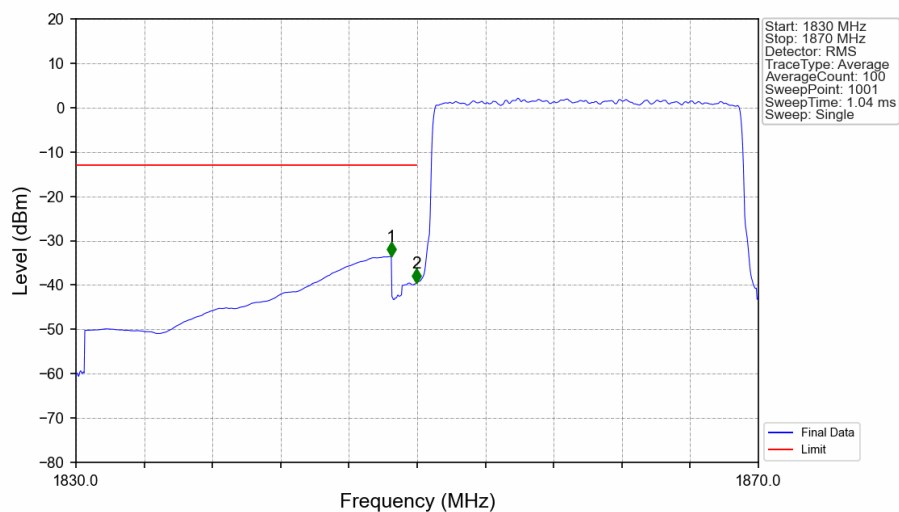
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

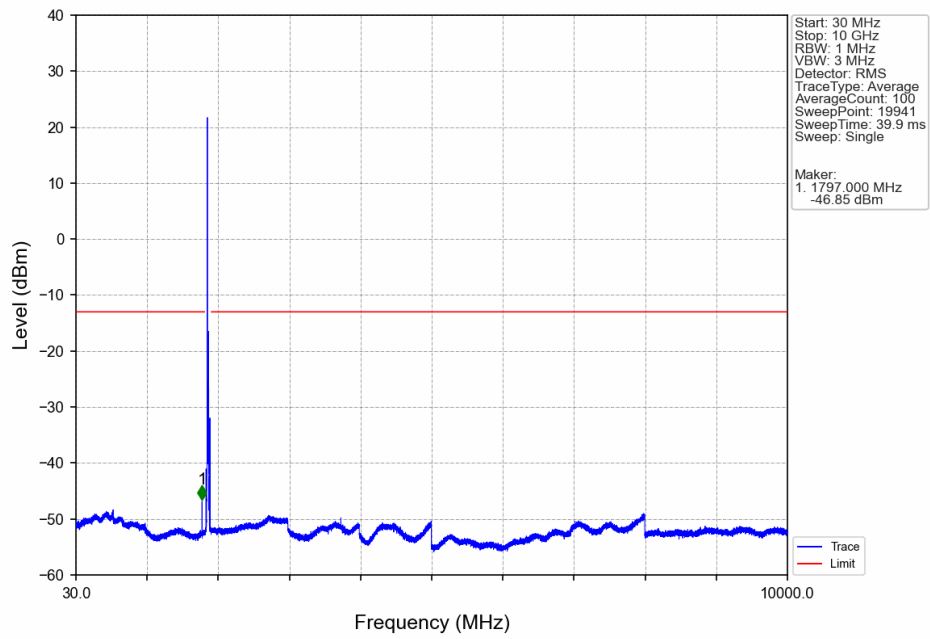


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

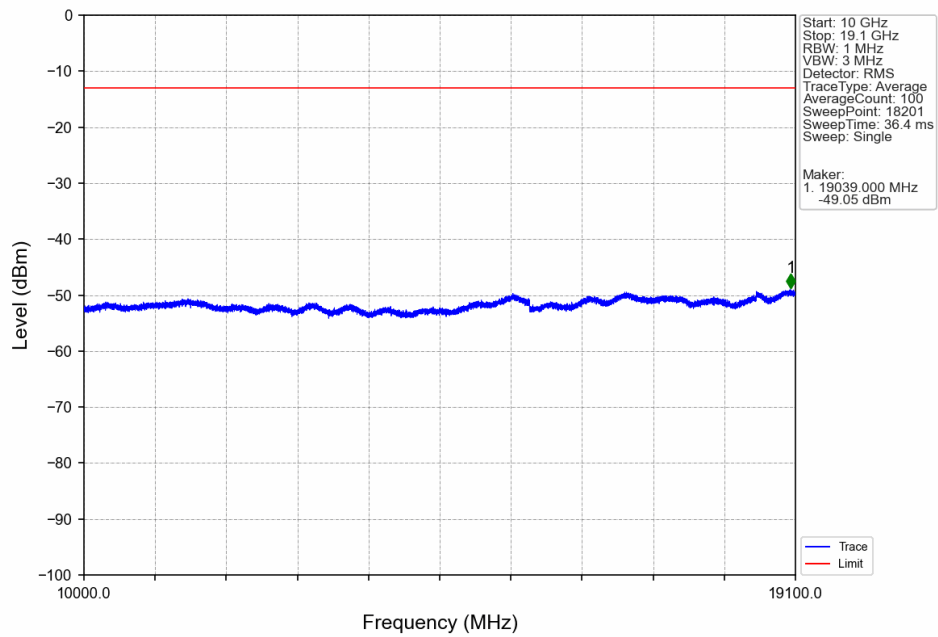


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-33.50	-13	Pass
1849	1850	0.192	CHP	2	1849.960	-39.46	-13	Pass
1850	1870	0.192	CHP	/	/	/	/	/

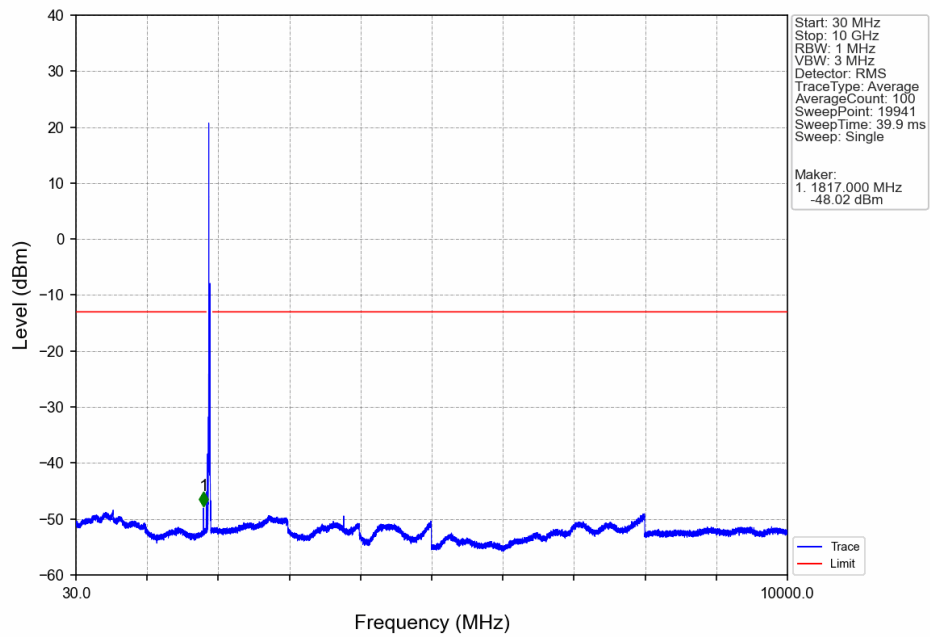
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



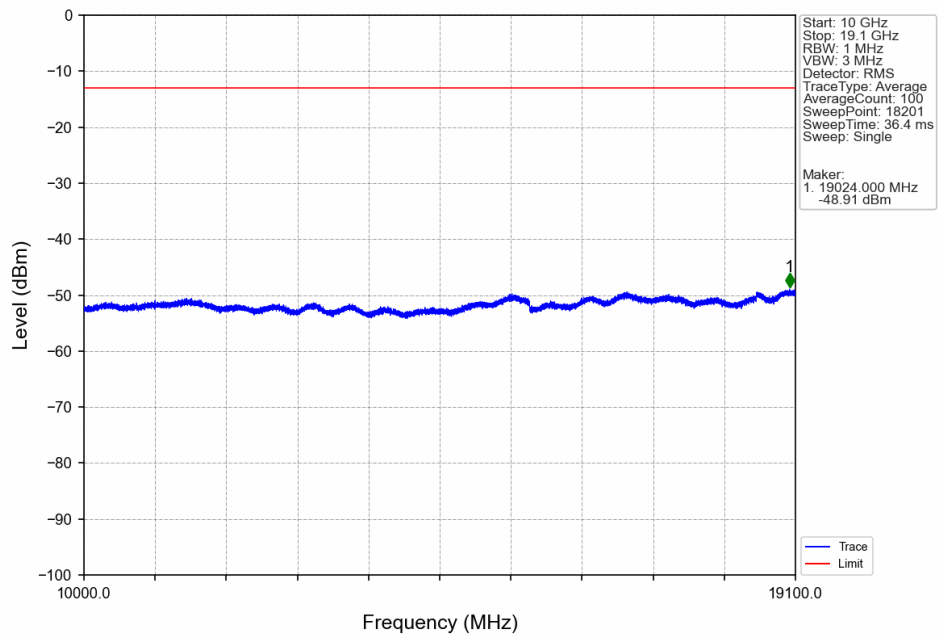
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



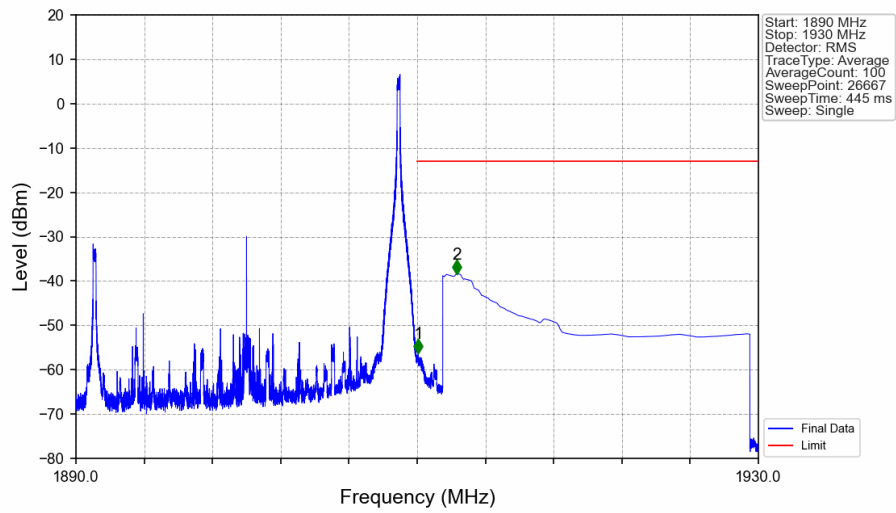
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

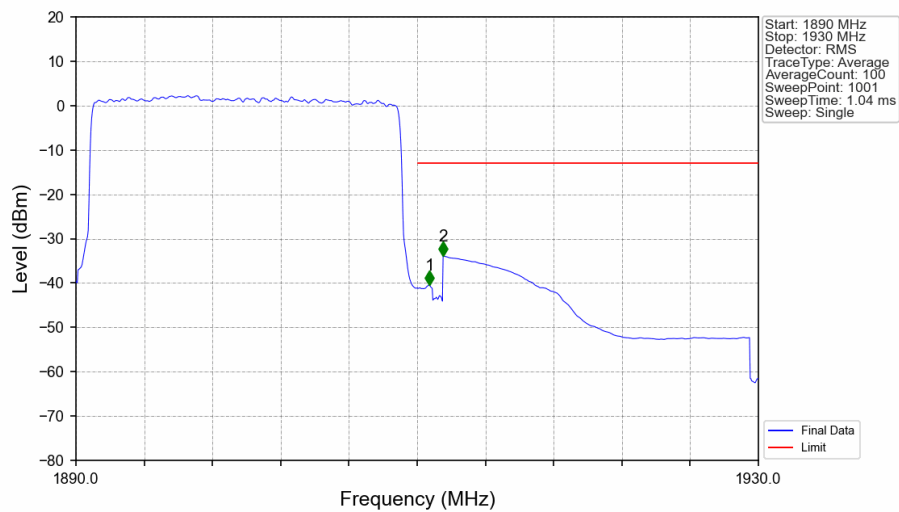


Band2 20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



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	1910.062	-56.18	-13	Pass
1911	1930	1	CHP	2	1912.336	-38.34	-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	1910.720	-40.46	-13	Pass
1911	1930	1	CHP	2	1911.520	-33.92	-13	Pass

---End of Report---