

1.1.1 B2_1.4MHz_EIRP

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	22.17	0.81	22.98	<=33.00	Pass		
			7	22.31	0.81	23.12	<=33.00	Pass		
			14	22.11	0.81	22.92	<=33.00	Pass		
		8	0	21.21	0.81	22.02	<=33.00	Pass		
			4	21.21	0.81	22.02	<=33.00	Pass		
			7	21.17	0.81	21.98	<=33.00	Pass		
		15	0	21.20	0.81	22.01	<=33.00	Pass		
		1880	1	0	22.04	0.81	22.85	<=33.00	Pass	
				7	22.29	0.81	23.10	<=33.00	Pass	
	14			21.97	0.81	22.78	<=33.00	Pass		
	8		0	21.07	0.81	21.88	<=33.00	Pass		
			4	21.09	0.81	21.90	<=33.00	Pass		
			7	21.05	0.81	21.86	<=33.00	Pass		
	15		0	21.08	0.81	21.89	<=33.00	Pass		
	1908.5		1	0	22.17	0.81	22.98	<=33.00	Pass	
				7	22.11	0.81	22.92	<=33.00	Pass	
		14		22.06	0.81	22.87	<=33.00	Pass		
		8	0	21.12	0.81	21.93	<=33.00	Pass		
			4	21.11	0.81	21.92	<=33.00	Pass		
			7	21.11	0.81	21.92	<=33.00	Pass		
		15	0	21.13	0.81	21.94	<=33.00	Pass		
		16QAM	1851.5	1	0	21.78	0.81	22.59	<=33.00	Pass
					7	21.74	0.81	22.55	<=33.00	Pass
	14				21.68	0.81	22.49	<=33.00	Pass	
8	0			20.37	0.81	21.18	<=33.00	Pass		
	4			20.38	0.81	21.19	<=33.00	Pass		
	7			20.33	0.81	21.14	<=33.00	Pass		
15	0			20.25	0.81	21.06	<=33.00	Pass		
1880	1			0	21.23	0.81	22.04	<=33.00	Pass	
				7	21.22	0.81	22.03	<=33.00	Pass	
			14	21.09	0.81	21.90	<=33.00	Pass		
	8		0	20.03	0.81	20.84	<=33.00	Pass		
			4	20.04	0.81	20.85	<=33.00	Pass		
			7	20.02	0.81	20.83	<=33.00	Pass		
	15		0	20.05	0.81	20.86	<=33.00	Pass		
	1908.5		1	0	21.19	0.81	22.00	<=33.00	Pass	
				7	21.18	0.81	21.99	<=33.00	Pass	
14				21.09	0.81	21.90	<=33.00	Pass		
8			0	20.20	0.81	21.01	<=33.00	Pass		
			4	20.17	0.81	20.98	<=33.00	Pass		
			7	20.14	0.81	20.95	<=33.00	Pass		
15			0	20.13	0.81	20.94	<=33.00	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	22.34	0.81	23.15	<=33.00	Pass		
			13	22.27	0.81	23.08	<=33.00	Pass		
			24	22.18	0.81	22.99	<=33.00	Pass		
		12	0	21.25	0.81	22.06	<=33.00	Pass		
			6	21.24	0.81	22.05	<=33.00	Pass		
			13	21.17	0.81	21.98	<=33.00	Pass		
		25	0	21.19	0.81	22.00	<=33.00	Pass		
		1880	1	0	22.11	0.81	22.92	<=33.00	Pass	
				13	22.03	0.81	22.84	<=33.00	Pass	
	24			21.96	0.81	22.77	<=33.00	Pass		
	12		0	21.10	0.81	21.91	<=33.00	Pass		
			6	21.10	0.81	21.91	<=33.00	Pass		
			13	21.00	0.81	21.81	<=33.00	Pass		
	25	0	21.11	0.81	21.92	<=33.00	Pass			
	1907.5	1	0	22.17	0.81	22.98	<=33.00	Pass		
			13	22.15	0.81	22.96	<=33.00	Pass		
			24	22.12	0.81	22.93	<=33.00	Pass		
		12	0	21.12	0.81	21.93	<=33.00	Pass		
			6	21.16	0.81	21.97	<=33.00	Pass		
			13	21.13	0.81	21.94	<=33.00	Pass		
		25	0	21.11	0.81	21.92	<=33.00	Pass		
		16QAM	1852.5	1	0	21.17	0.81	21.98	<=33.00	Pass
					13	21.10	0.81	21.91	<=33.00	Pass
	24				21.00	0.81	21.81	<=33.00	Pass	
12	0			20.23	0.81	21.04	<=33.00	Pass		
	6			20.24	0.81	21.05	<=33.00	Pass		
	13			20.18	0.81	20.99	<=33.00	Pass		
25	0			20.22	0.81	21.03	<=33.00	Pass		
1880	1		0	21.50	0.81	22.31	<=33.00	Pass		
			13	21.37	0.81	22.18	<=33.00	Pass		
			24	21.27	0.81	22.08	<=33.00	Pass		
	12		0	20.18	0.81	20.99	<=33.00	Pass		
			6	20.16	0.81	20.97	<=33.00	Pass		
			13	20.08	0.81	20.89	<=33.00	Pass		
25	0		20.03	0.81	20.84	<=33.00	Pass			
1907.5	1		0	21.20	0.81	22.01	<=33.00	Pass		
			13	21.31	0.81	22.12	<=33.00	Pass		
			24	21.34	0.81	22.15	<=33.00	Pass		
	12		0	20.11	0.81	20.92	<=33.00	Pass		
		6	20.13	0.81	20.94	<=33.00	Pass			
		13	20.10	0.81	20.91	<=33.00	Pass			
	25	0	20.16	0.81	20.97	<=33.00	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	22.27	0.81	23.08	<=33.00	Pass		
			25	22.14	0.81	22.95	<=33.00	Pass		
			49	22.16	0.81	22.97	<=33.00	Pass		
		25	0	21.18	0.81	21.99	<=33.00	Pass		
			13	21.13	0.81	21.94	<=33.00	Pass		
			25	21.07	0.81	21.88	<=33.00	Pass		
		50	0	21.12	0.81	21.93	<=33.00	Pass		
		1880	1	0	22.07	0.81	22.88	<=33.00	Pass	
				25	21.95	0.81	22.76	<=33.00	Pass	
	49			22.07	0.81	22.88	<=33.00	Pass		
	25		0	21.05	0.81	21.86	<=33.00	Pass		
			13	21.05	0.81	21.86	<=33.00	Pass		
			25	21.03	0.81	21.84	<=33.00	Pass		
	50	0	21.04	0.81	21.85	<=33.00	Pass			
	1905	1	0	22.07	0.81	22.88	<=33.00	Pass		
			25	21.92	0.81	22.73	<=33.00	Pass		
			49	22.04	0.81	22.85	<=33.00	Pass		
		25	0	21.12	0.81	21.93	<=33.00	Pass		
			13	21.09	0.81	21.90	<=33.00	Pass		
			25	21.09	0.81	21.90	<=33.00	Pass		
		50	0	21.13	0.81	21.94	<=33.00	Pass		
		16QAM	1855	1	0	21.85	0.81	22.66	<=33.00	Pass
					25	21.68	0.81	22.49	<=33.00	Pass
	49				21.67	0.81	22.48	<=33.00	Pass	
	25			0	20.22	0.81	21.03	<=33.00	Pass	
				13	20.17	0.81	20.98	<=33.00	Pass	
				25	20.15	0.81	20.96	<=33.00	Pass	
50	0			20.14	0.81	20.95	<=33.00	Pass		
1880	1			0	21.28	0.81	22.09	<=33.00	Pass	
				25	21.18	0.81	21.99	<=33.00	Pass	
			49	21.21	0.81	22.02	<=33.00	Pass		
	25		0	20.11	0.81	20.92	<=33.00	Pass		
			13	20.08	0.81	20.89	<=33.00	Pass		
			25	20.01	0.81	20.82	<=33.00	Pass		
50	0		20.03	0.81	20.84	<=33.00	Pass			
1905	1		0	21.23	0.81	22.04	<=33.00	Pass		
			25	21.14	0.81	21.95	<=33.00	Pass		
			49	21.25	0.81	22.06	<=33.00	Pass		
	25		0	20.18	0.81	20.99	<=33.00	Pass		
			13	20.19	0.81	21.00	<=33.00	Pass		
			25	20.20	0.81	21.01	<=33.00	Pass		
	50		0	20.14	0.81	20.95	<=33.00	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	22.25	0.81	23.06	<=33.00	Pass		
			38	22.00	0.81	22.81	<=33.00	Pass		
			74	22.14	0.81	22.95	<=33.00	Pass		
		36	0	21.07	0.81	21.88	<=33.00	Pass		
			18	21.10	0.81	21.91	<=33.00	Pass		
			39	21.11	0.81	21.92	<=33.00	Pass		
		75	0	21.04	0.81	21.85	<=33.00	Pass		
		1880	1	0	22.08	0.81	22.89	<=33.00	Pass	
				38	21.94	0.81	22.75	<=33.00	Pass	
	74			22.12	0.81	22.93	<=33.00	Pass		
	36		0	21.14	0.81	21.95	<=33.00	Pass		
			18	21.09	0.81	21.90	<=33.00	Pass		
			39	21.02	0.81	21.83	<=33.00	Pass		
	75	0	21.05	0.81	21.86	<=33.00	Pass			
	1902.5	1	0	22.24	0.81	23.05	<=33.00	Pass		
			38	22.05	0.81	22.86	<=33.00	Pass		
			74	22.23	0.81	23.04	<=33.00	Pass		
		36	0	21.12	0.81	21.93	<=33.00	Pass		
			18	21.09	0.81	21.90	<=33.00	Pass		
			39	21.01	0.81	21.82	<=33.00	Pass		
		75	0	21.02	0.81	21.83	<=33.00	Pass		
		16QAM	1857.5	1	0	21.81	0.81	22.62	<=33.00	Pass
					38	21.58	0.81	22.39	<=33.00	Pass
	74				21.64	0.81	22.45	<=33.00	Pass	
	36			0	20.15	0.81	20.96	<=33.00	Pass	
				18	20.15	0.81	20.96	<=33.00	Pass	
				39	20.17	0.81	20.98	<=33.00	Pass	
75	0			20.07	0.81	20.88	<=33.00	Pass		
1880	1			0	21.35	0.81	22.16	<=33.00	Pass	
				38	21.19	0.81	22.00	<=33.00	Pass	
			74	21.32	0.81	22.13	<=33.00	Pass		
	36		0	20.13	0.81	20.94	<=33.00	Pass		
			18	20.15	0.81	20.96	<=33.00	Pass		
			39	20.01	0.81	20.82	<=33.00	Pass		
75	0		20.11	0.81	20.92	<=33.00	Pass			
1902.5	1		0	21.57	0.81	22.38	<=33.00	Pass		
			38	21.24	0.81	22.05	<=33.00	Pass		
			74	21.52	0.81	22.33	<=33.00	Pass		
	36		0	20.08	0.81	20.89	<=33.00	Pass		
			18	20.12	0.81	20.93	<=33.00	Pass		
			39	20.04	0.81	20.85	<=33.00	Pass		
	75		0	20.03	0.81	20.84	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	22.13	0.81	22.94	<=33.00	Pass		
			50	22.16	0.81	22.97	<=33.00	Pass		
			99	21.75	0.81	22.56	<=33.00	Pass		
		50	0	21.13	0.81	21.94	<=33.00	Pass		
			25	21.17	0.81	21.98	<=33.00	Pass		
			50	21.02	0.81	21.83	<=33.00	Pass		
		100	0	21.14	0.81	21.95	<=33.00	Pass		
		1880	1	0	21.99	0.81	22.80	<=33.00	Pass	
				50	22.12	0.81	22.93	<=33.00	Pass	
	99			21.81	0.81	22.62	<=33.00	Pass		
	50		0	21.15	0.81	21.96	<=33.00	Pass		
			25	21.12	0.81	21.93	<=33.00	Pass		
			50	20.93	0.81	21.74	<=33.00	Pass		
	100		0	21.04	0.81	21.85	<=33.00	Pass		
	1900		1	0	22.14	0.81	22.95	<=33.00	Pass	
				50	21.92	0.81	22.73	<=33.00	Pass	
		99		21.75	0.81	22.56	<=33.00	Pass		
		50	0	21.06	0.81	21.87	<=33.00	Pass		
			25	21.11	0.81	21.92	<=33.00	Pass		
			50	20.98	0.81	21.79	<=33.00	Pass		
		100	0	20.98	0.81	21.79	<=33.00	Pass		
		16QAM	1860	1	0	21.43	0.81	22.24	<=33.00	Pass
					50	21.35	0.81	22.16	<=33.00	Pass
	99				21.06	0.81	21.87	<=33.00	Pass	
	50			0	20.12	0.81	20.93	<=33.00	Pass	
				25	20.17	0.81	20.98	<=33.00	Pass	
				50	19.98	0.81	20.79	<=33.00	Pass	
100	0			20.13	0.81	20.94	<=33.00	Pass		
1880	1			0	21.18	0.81	21.99	<=33.00	Pass	
				50	21.22	0.81	22.03	<=33.00	Pass	
			99	20.94	0.81	21.75	<=33.00	Pass		
	50		0	20.17	0.81	20.98	<=33.00	Pass		
			25	20.15	0.81	20.96	<=33.00	Pass		
			50	19.96	0.81	20.77	<=33.00	Pass		
	100		0	20.05	0.81	20.86	<=33.00	Pass		
	1900		1	0	21.67	0.81	22.48	<=33.00	Pass	
				50	21.55	0.81	22.36	<=33.00	Pass	
99				21.30	0.81	22.11	<=33.00	Pass		
50			0	20.07	0.81	20.88	<=33.00	Pass		
			25	20.05	0.81	20.86	<=33.00	Pass		
			50	20.02	0.81	20.83	<=33.00	Pass		
100			0	20.04	0.81	20.85	<=33.00	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	1.760	0.0009	-2.5 to 2.5	Pass
					3.85	-0.307	-0.0002	-2.5 to 2.5	Pass
					4.43	0.538	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.905	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.417	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.119	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.614	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.467	-0.0002	-2.5 to 2.5	Pass
				30	3.85	1.369	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.425	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.763	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

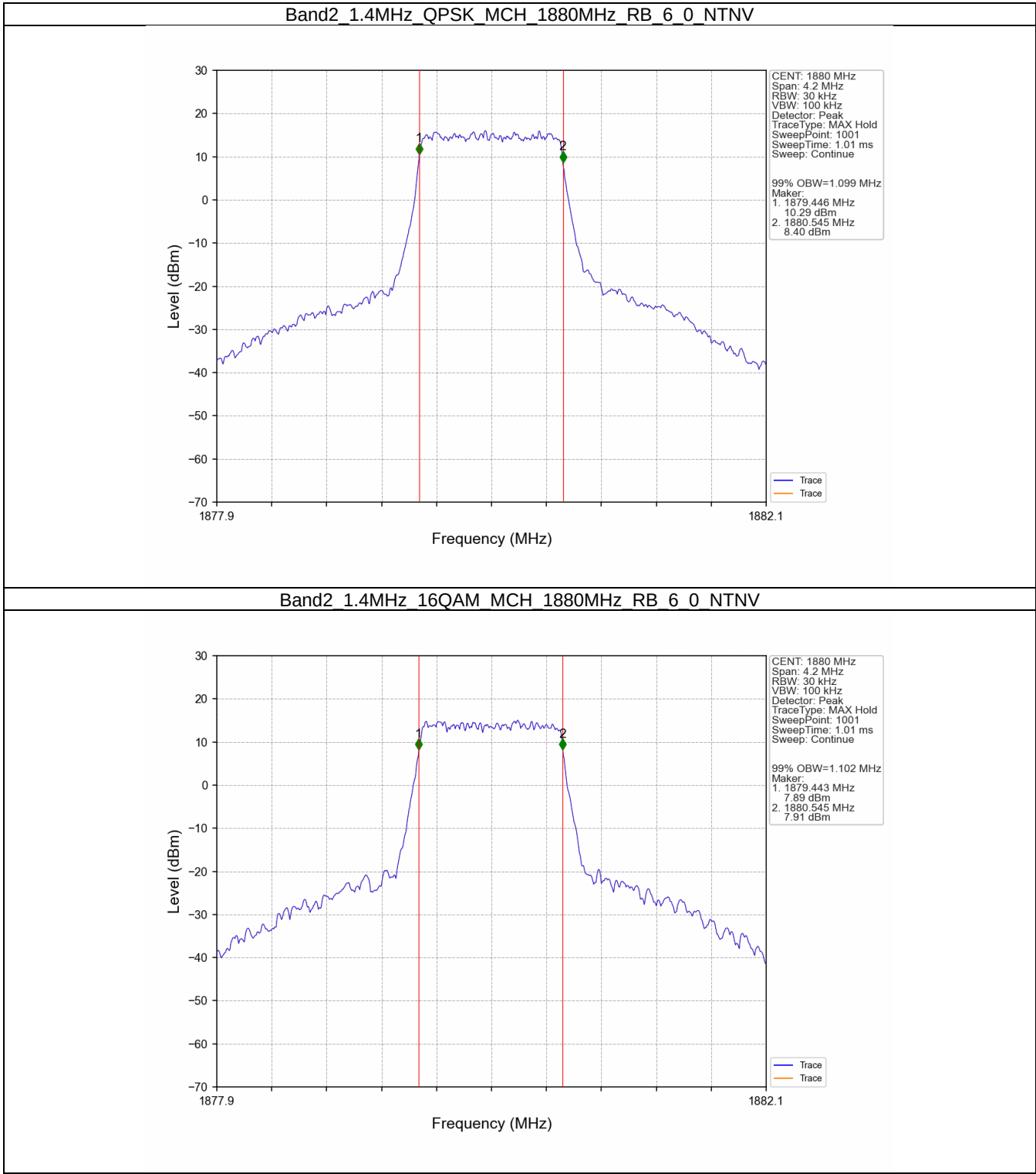
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.099	/	Pass
	16QAM	1880	6	0	1.102	/	Pass
3	QPSK	1880	15	0	2.744	/	Pass
	16QAM	1880	15	0	2.752	/	Pass
5	QPSK	1880	25	0	4.536	/	Pass
	16QAM	1880	25	0	4.513	/	Pass
10	QPSK	1880	50	0	9.001	/	Pass
	16QAM	1880	50	0	8.977	/	Pass
15	QPSK	1880	75	0	13.474	/	Pass
	16QAM	1880	75	0	13.494	/	Pass
20	QPSK	1880	100	0	17.981	/	Pass
	16QAM	1880	100	0	17.977	/	Pass

3.1.2 Band2_XDB

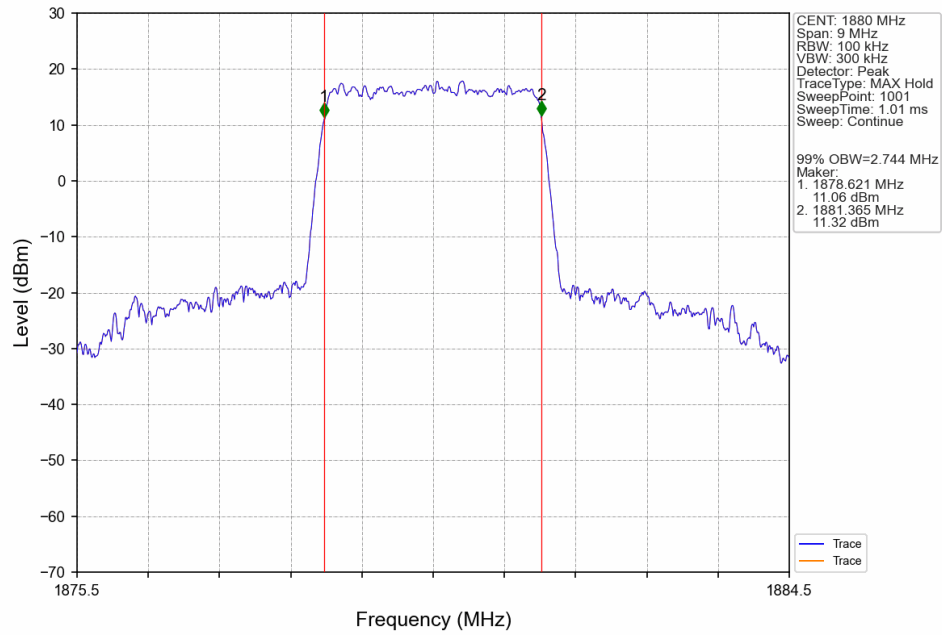
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.300	/	Pass
	16QAM	1880	6	0	1.306	/	Pass
3	QPSK	1880	15	0	3.060	/	Pass
	16QAM	1880	15	0	3.047	/	Pass
5	QPSK	1880	25	0	5.033	/	Pass
	16QAM	1880	25	0	5.037	/	Pass
10	QPSK	1880	50	0	9.928	/	Pass
	16QAM	1880	50	0	9.859	/	Pass
15	QPSK	1880	75	0	14.632	/	Pass
	16QAM	1880	75	0	14.612	/	Pass
20	QPSK	1880	100	0	19.532	/	Pass
	16QAM	1880	100	0	19.619	/	Pass

3.2 Test Graph

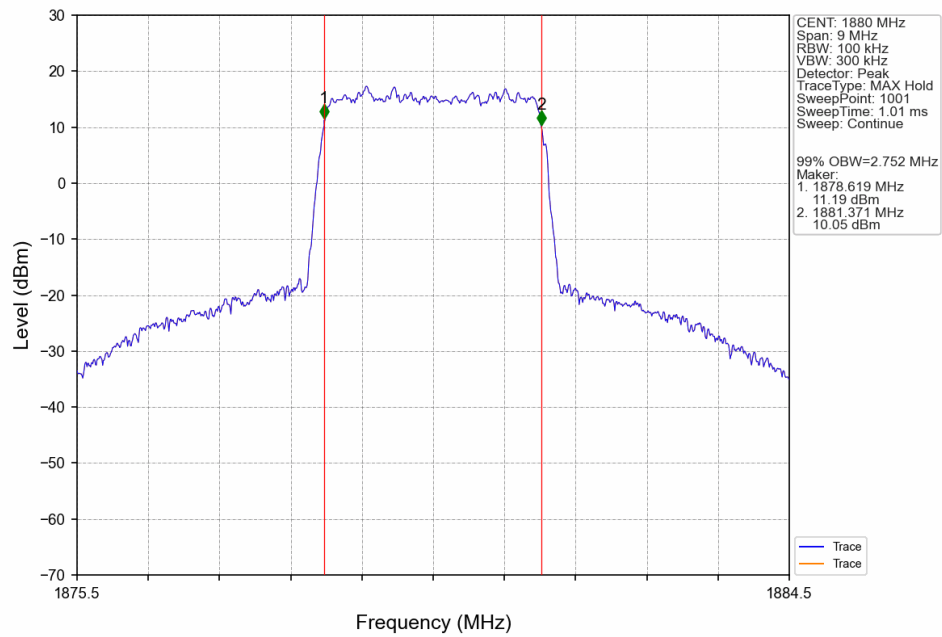
3.2.1 Band2_OBW



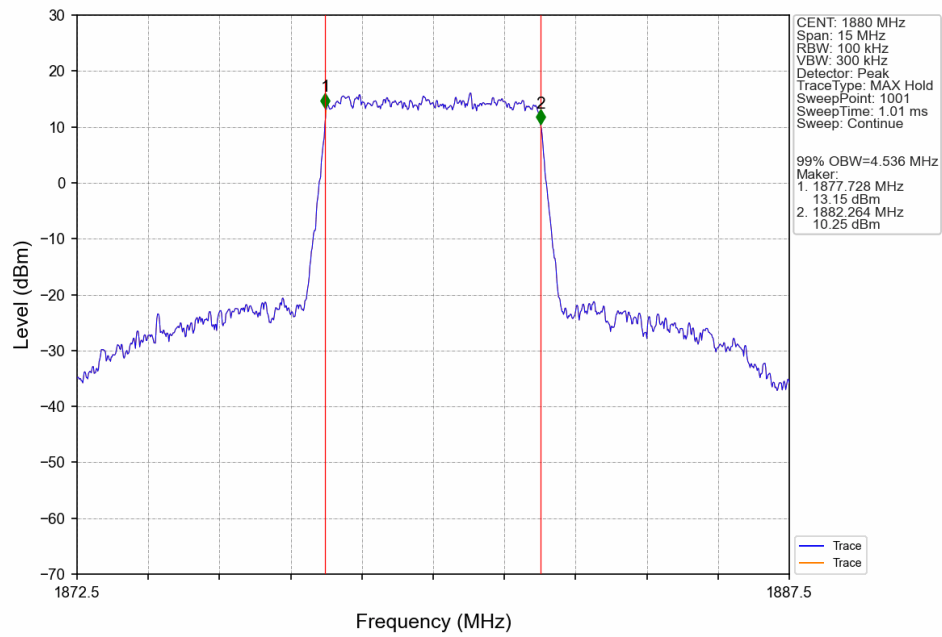
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



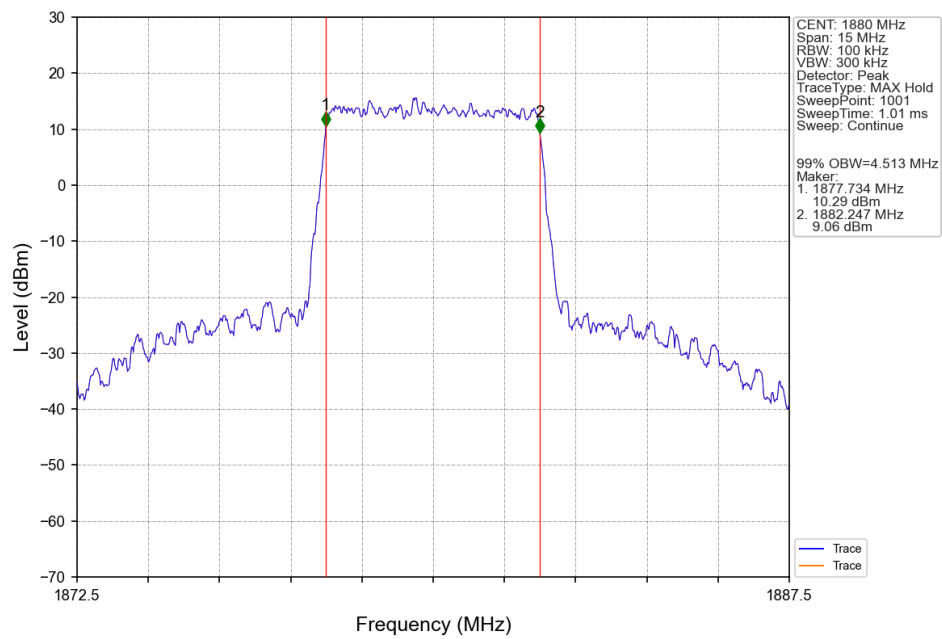
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



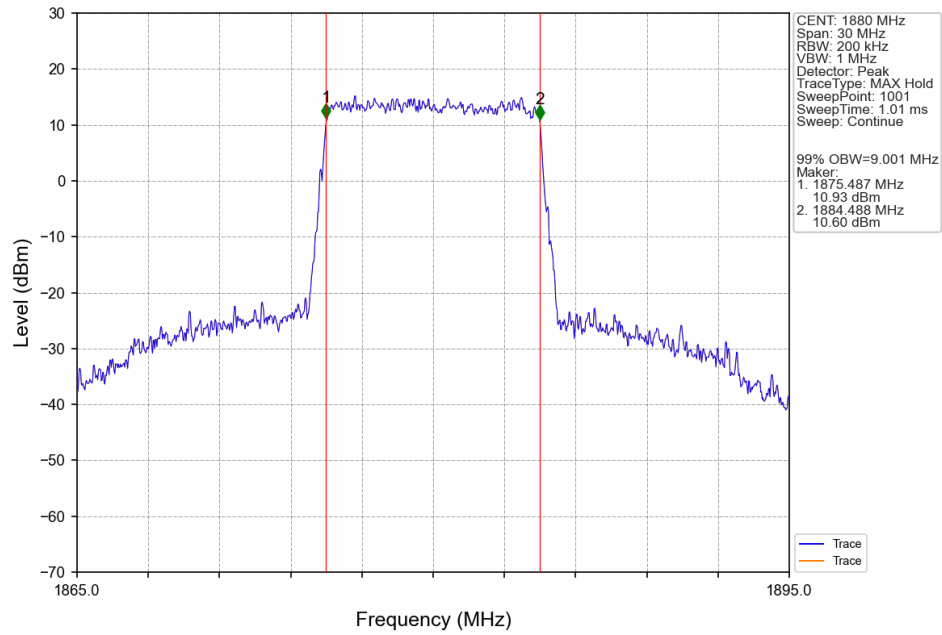
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



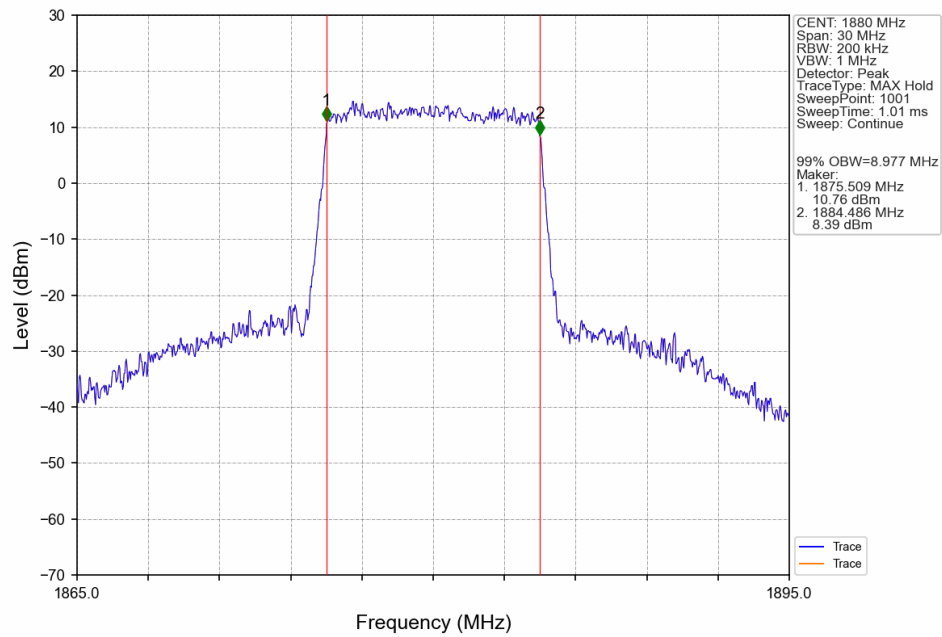
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



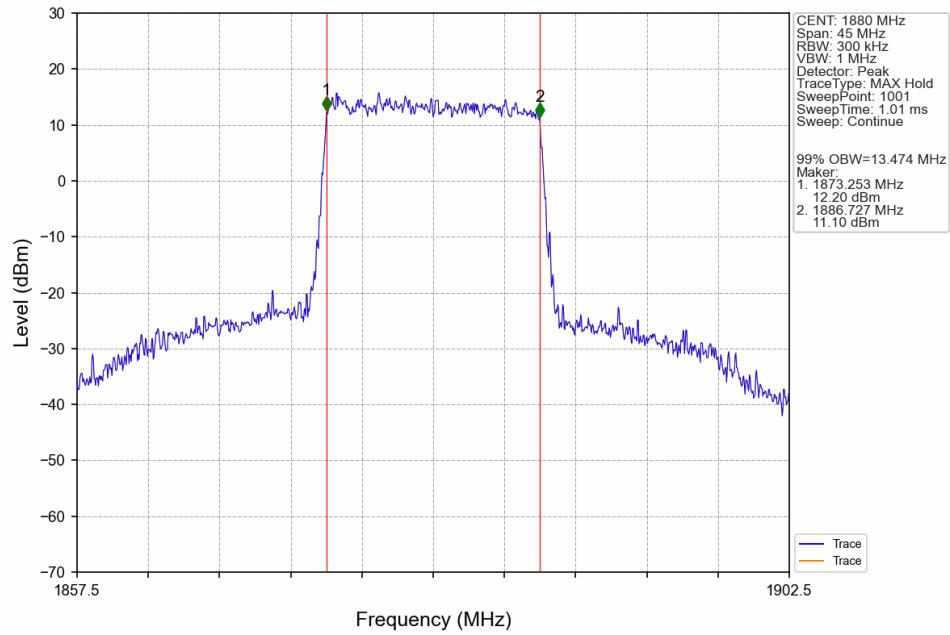
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



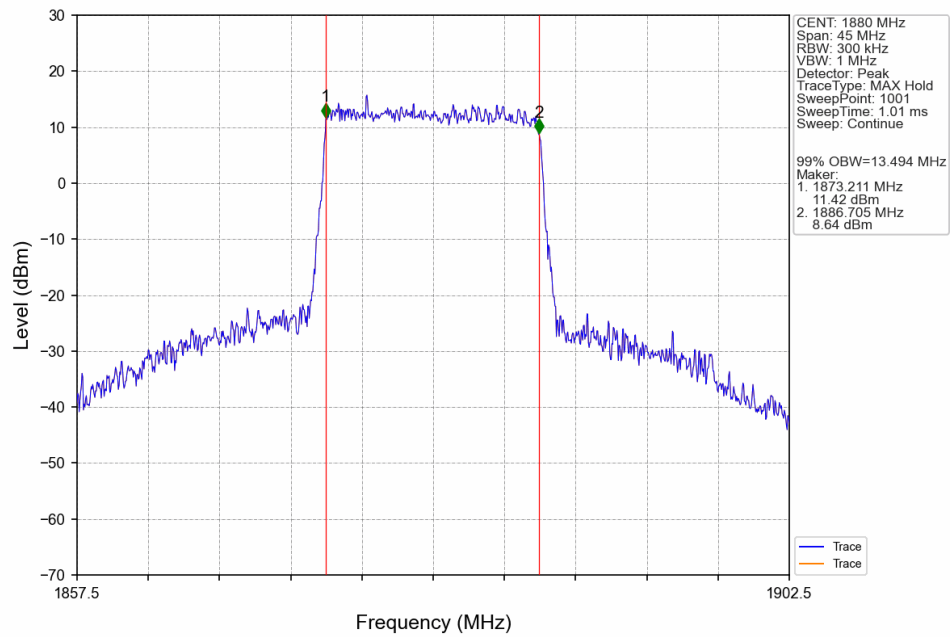
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



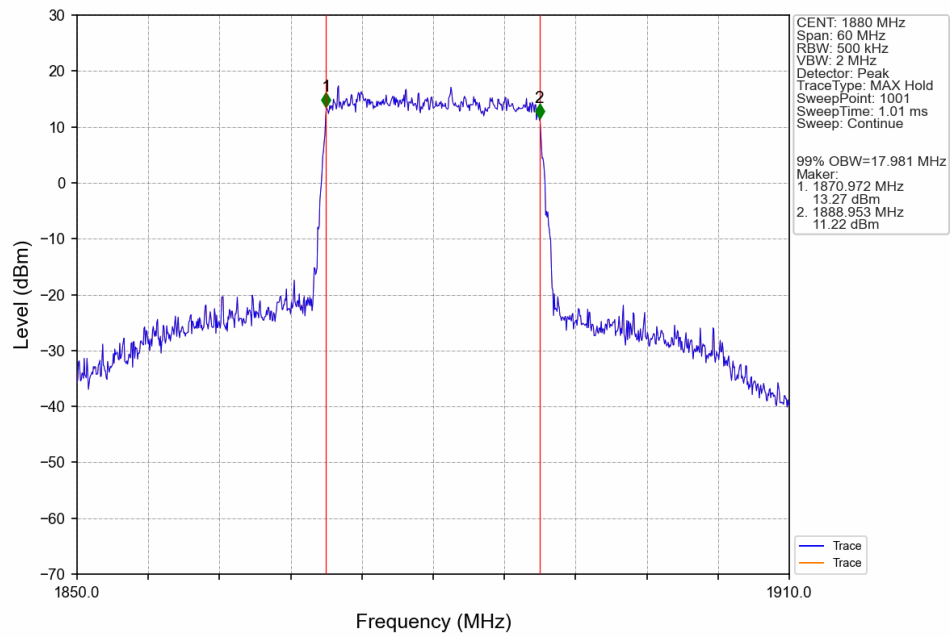
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



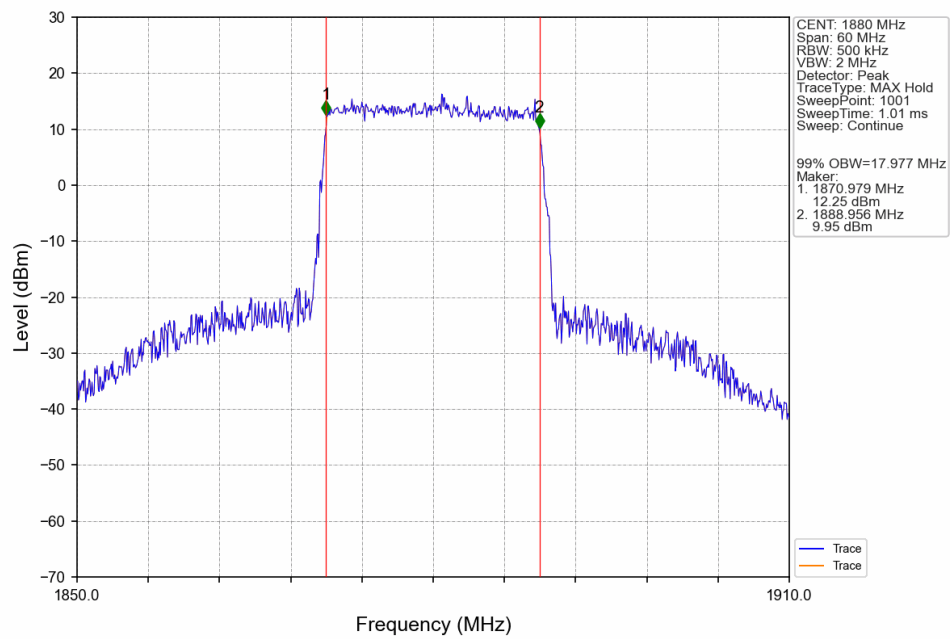
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



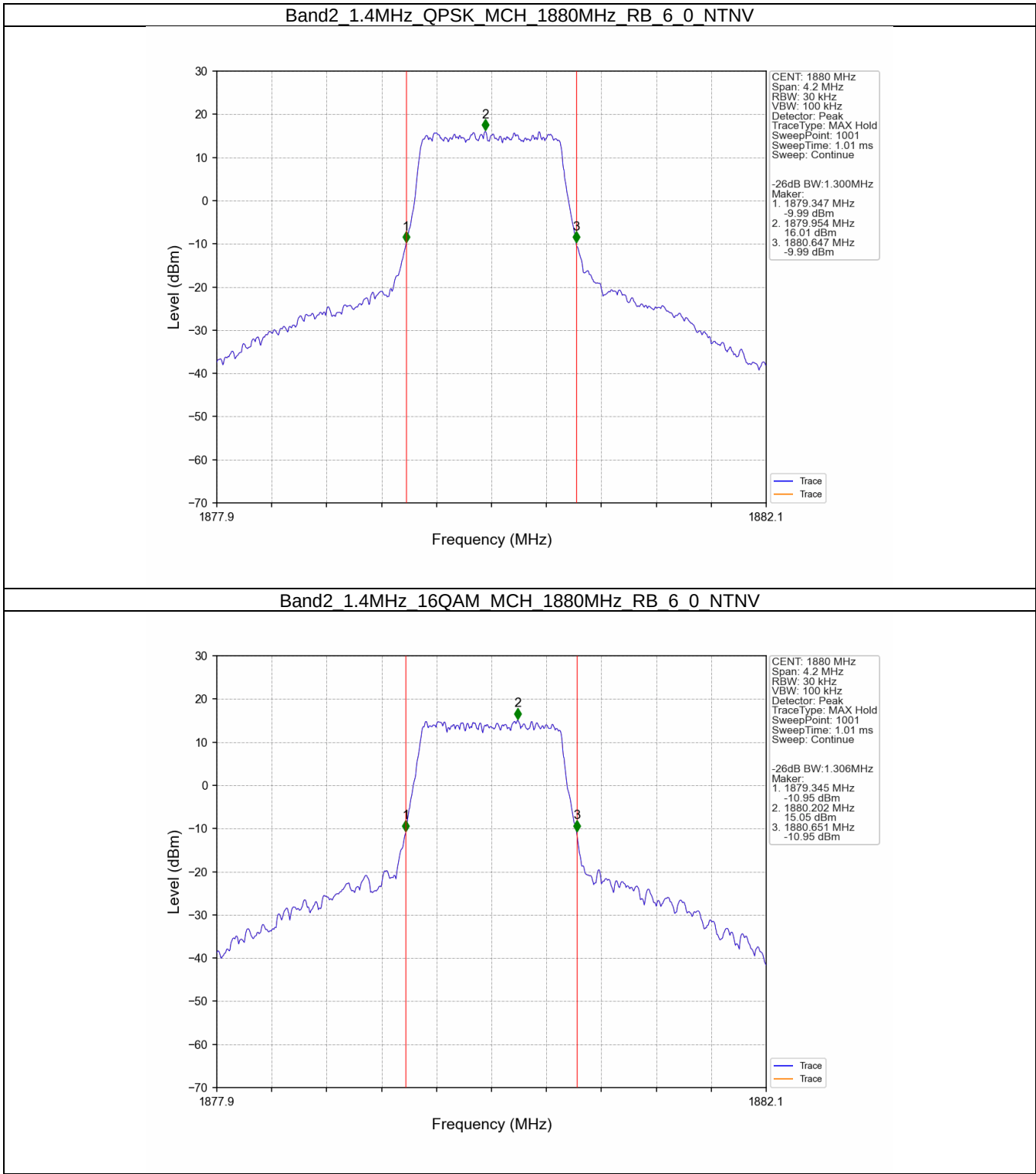
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



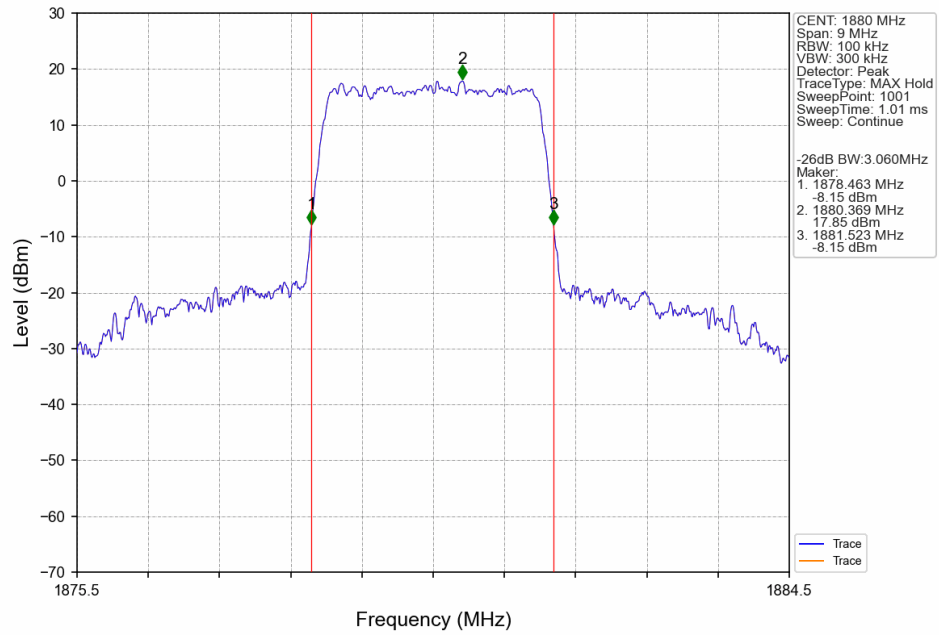
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



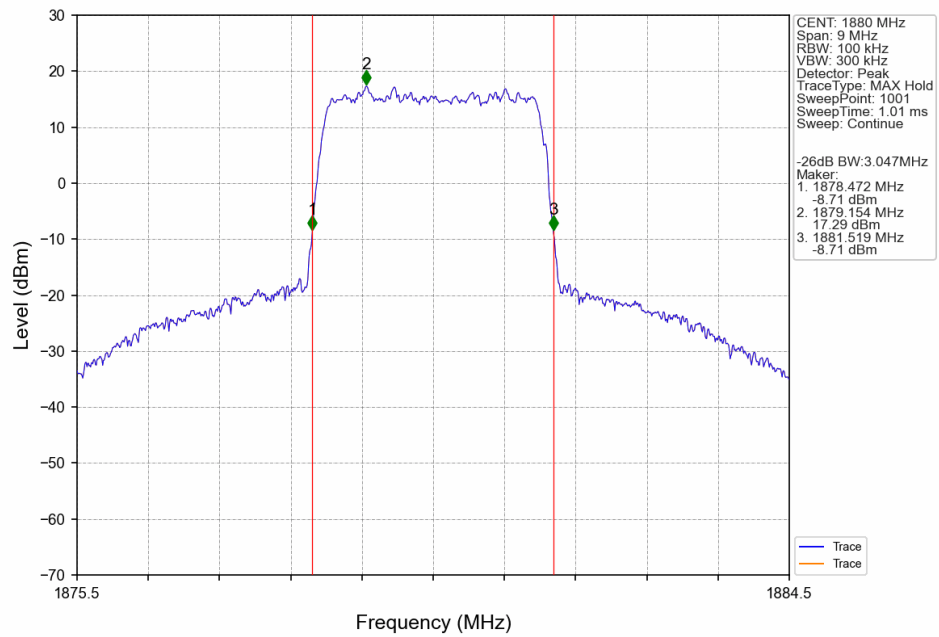
3.2.2 Band2_XDB



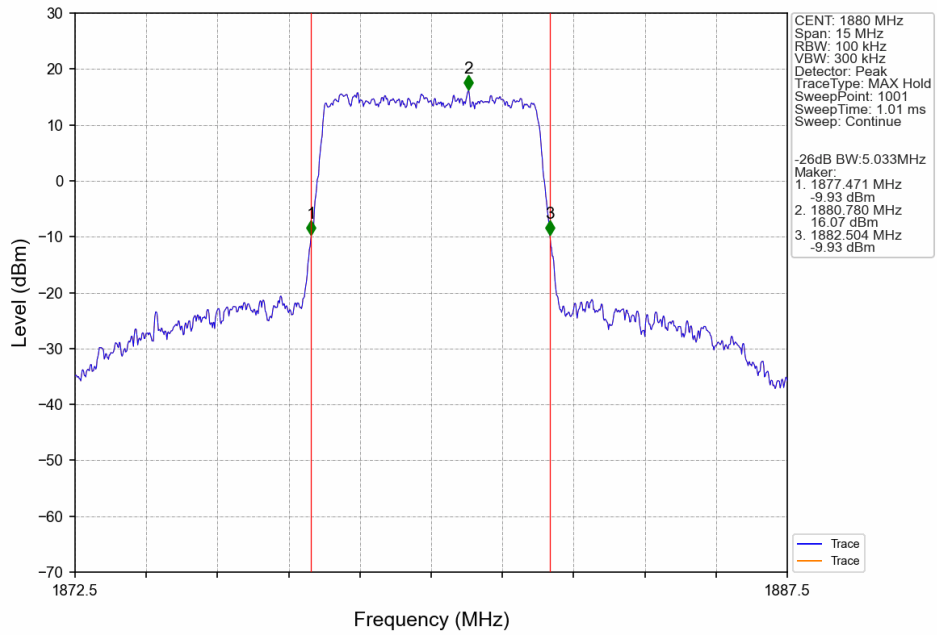
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



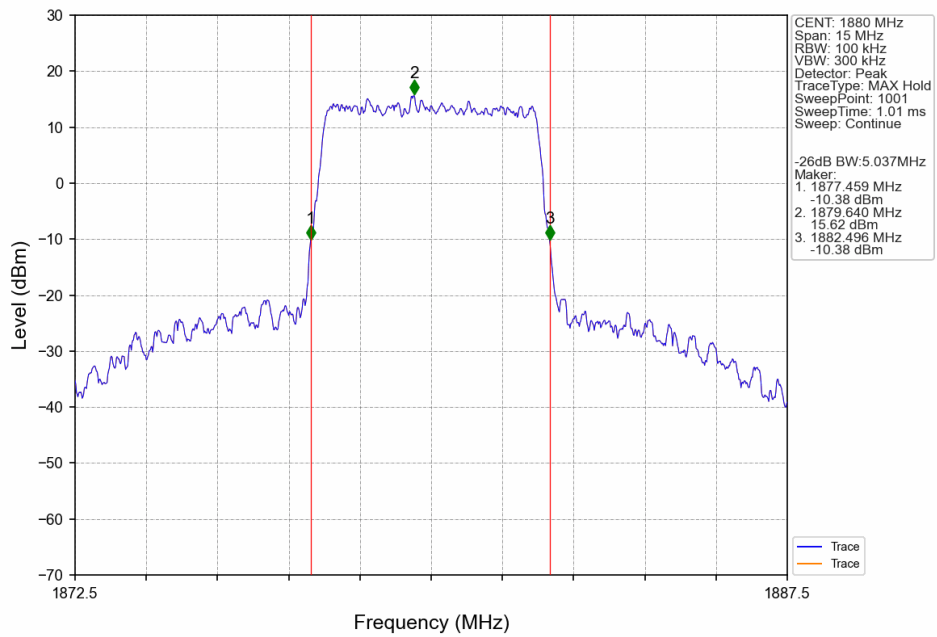
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



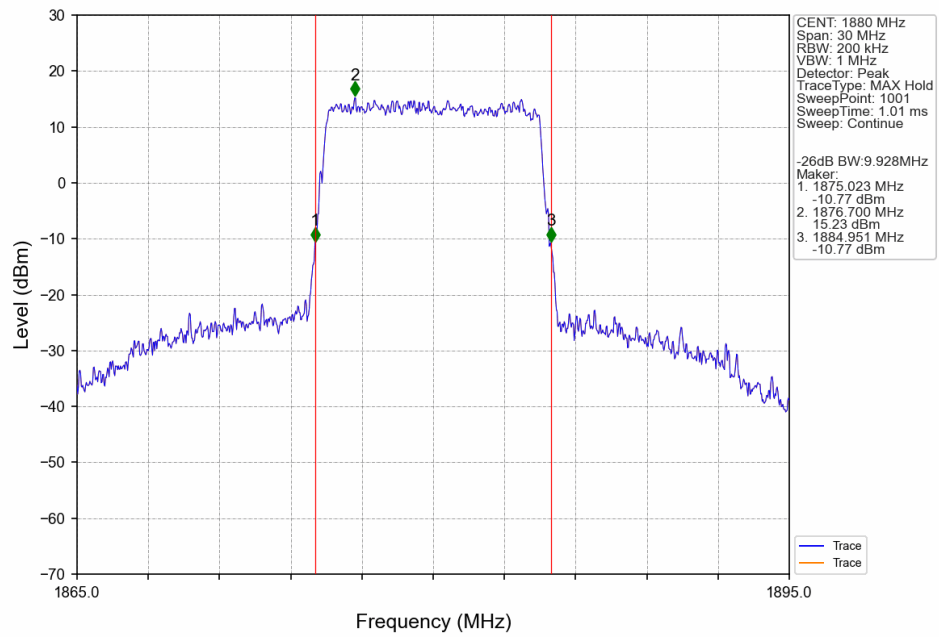
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



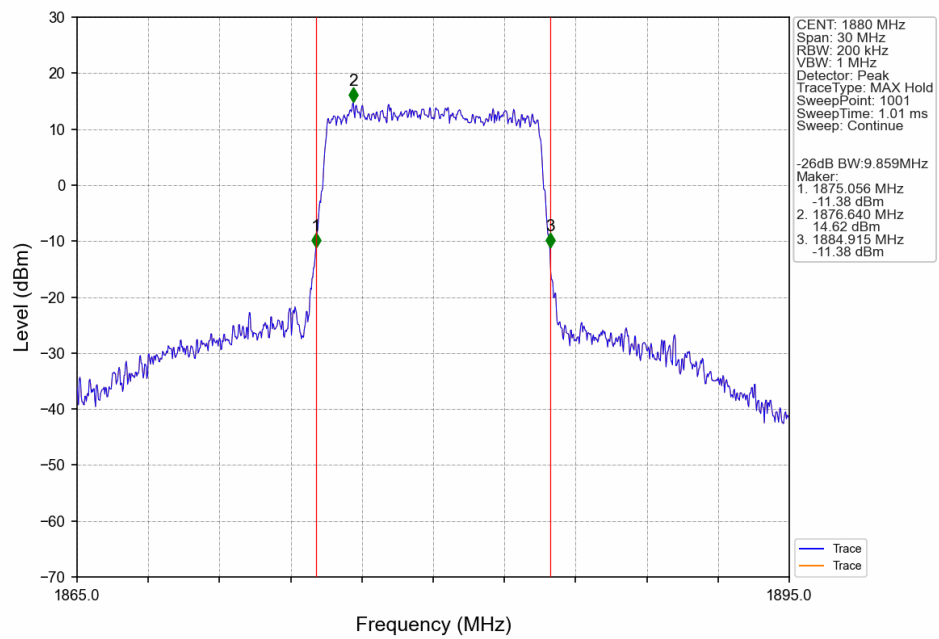
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



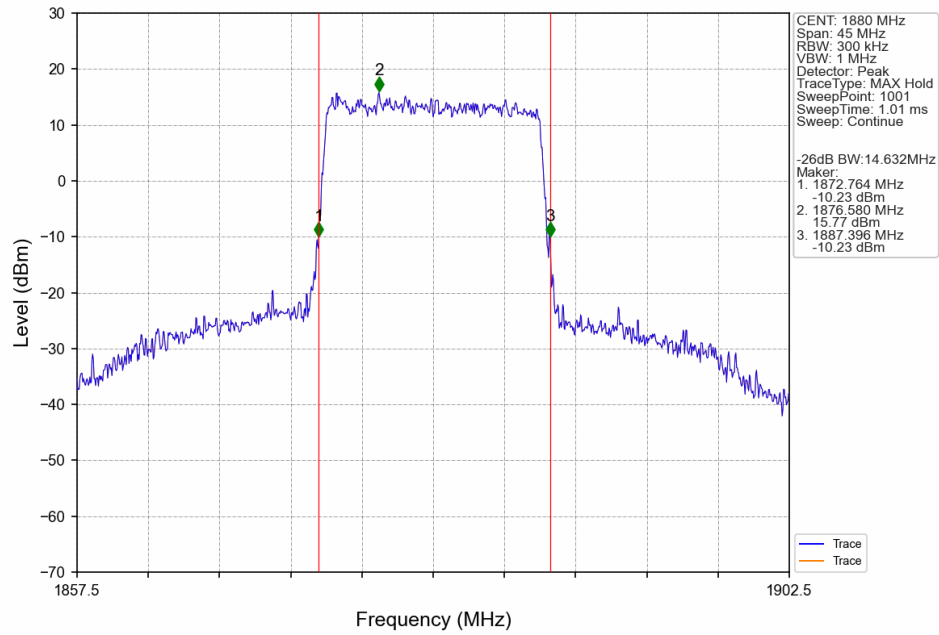
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



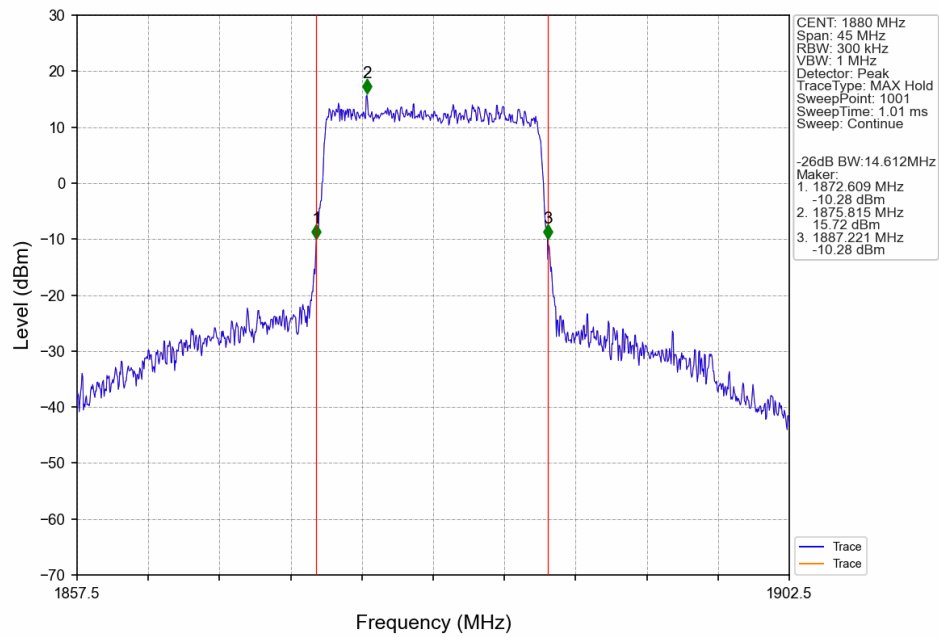
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



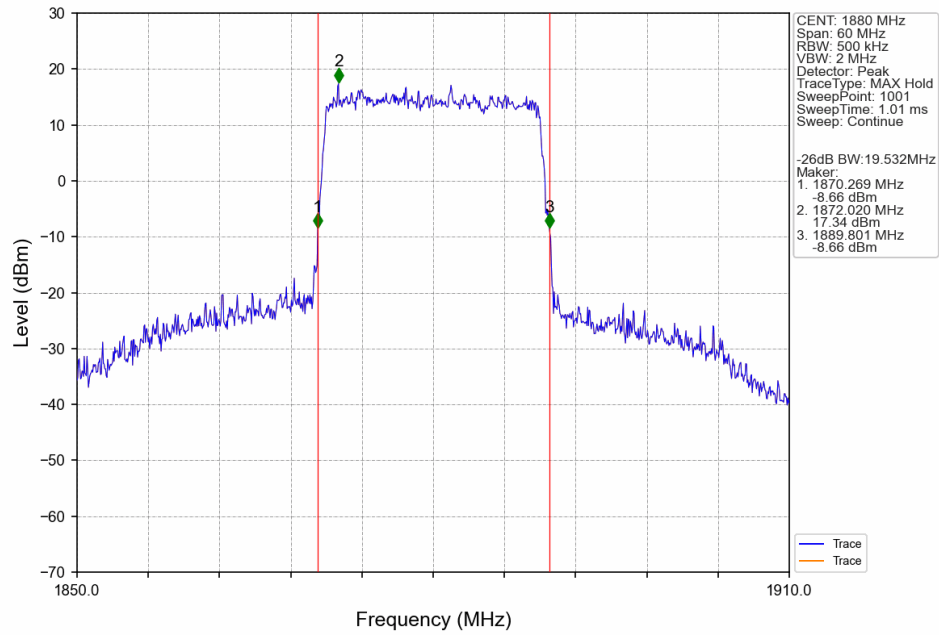
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



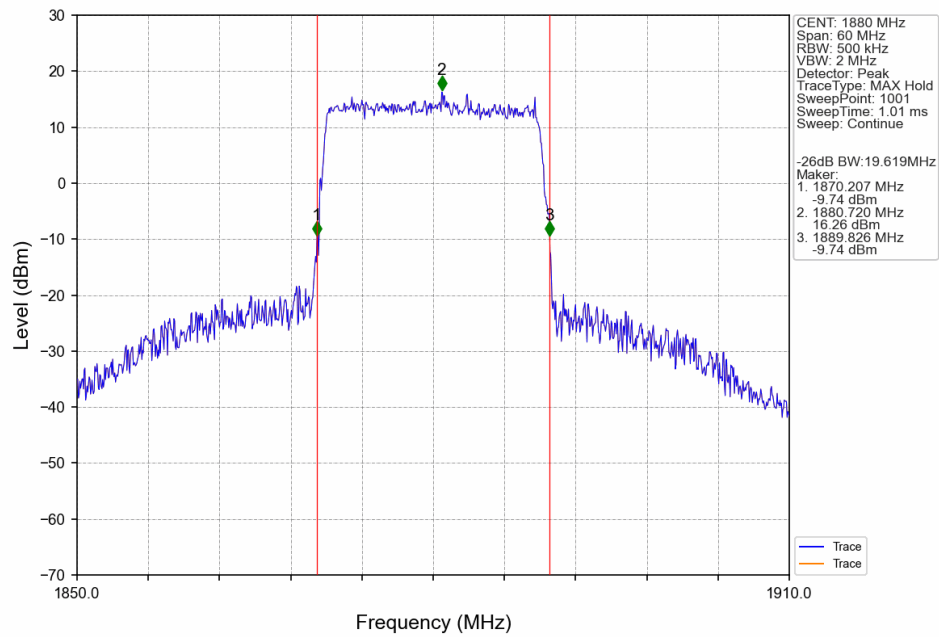
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



4. Peak-Average Ratio

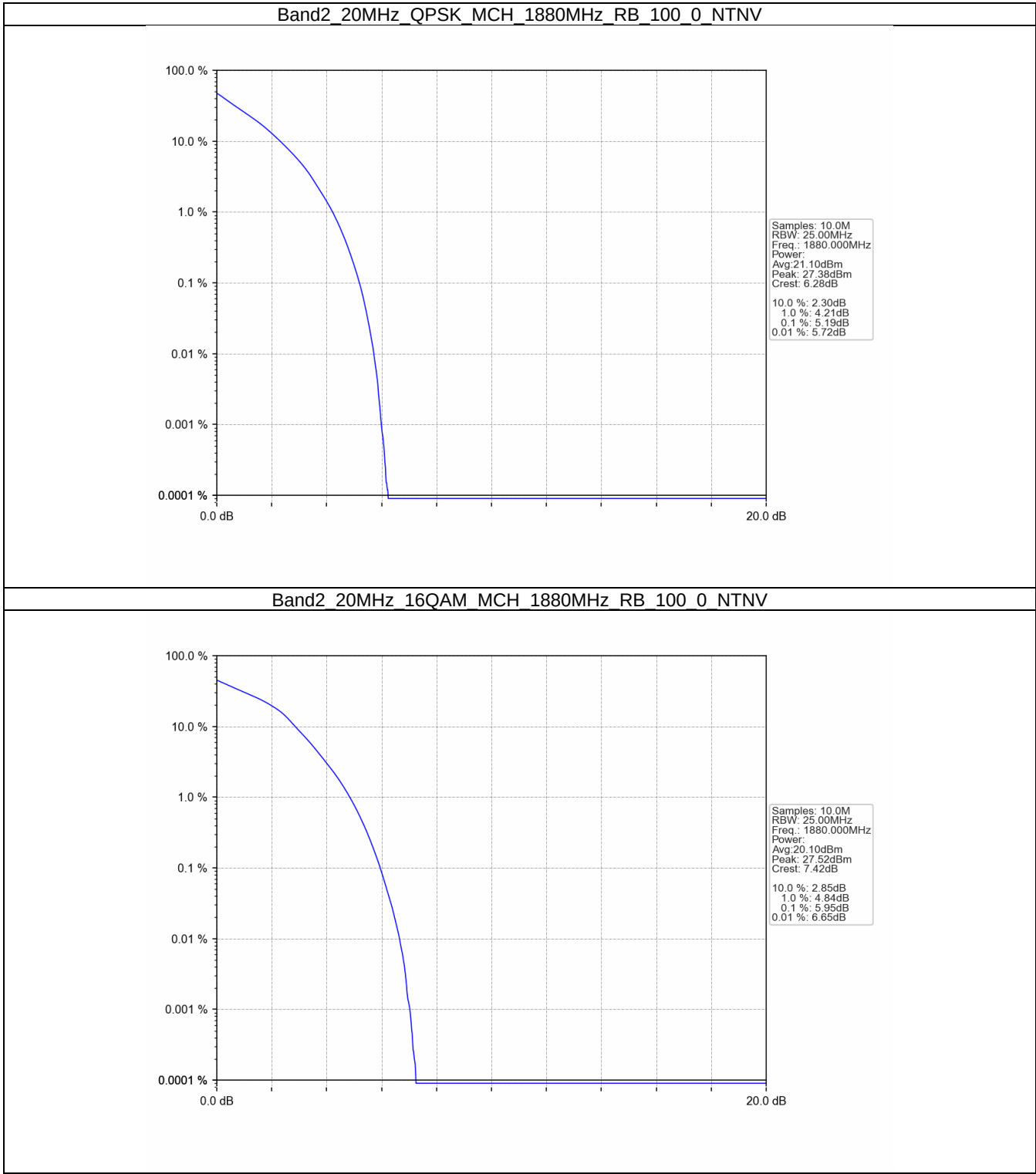
4.1 Test Result

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	5.19	<=13	Pass
16QAM	1880	100	0	5.95	<=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 / NTV						
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

5.1.5 B2_15MHz

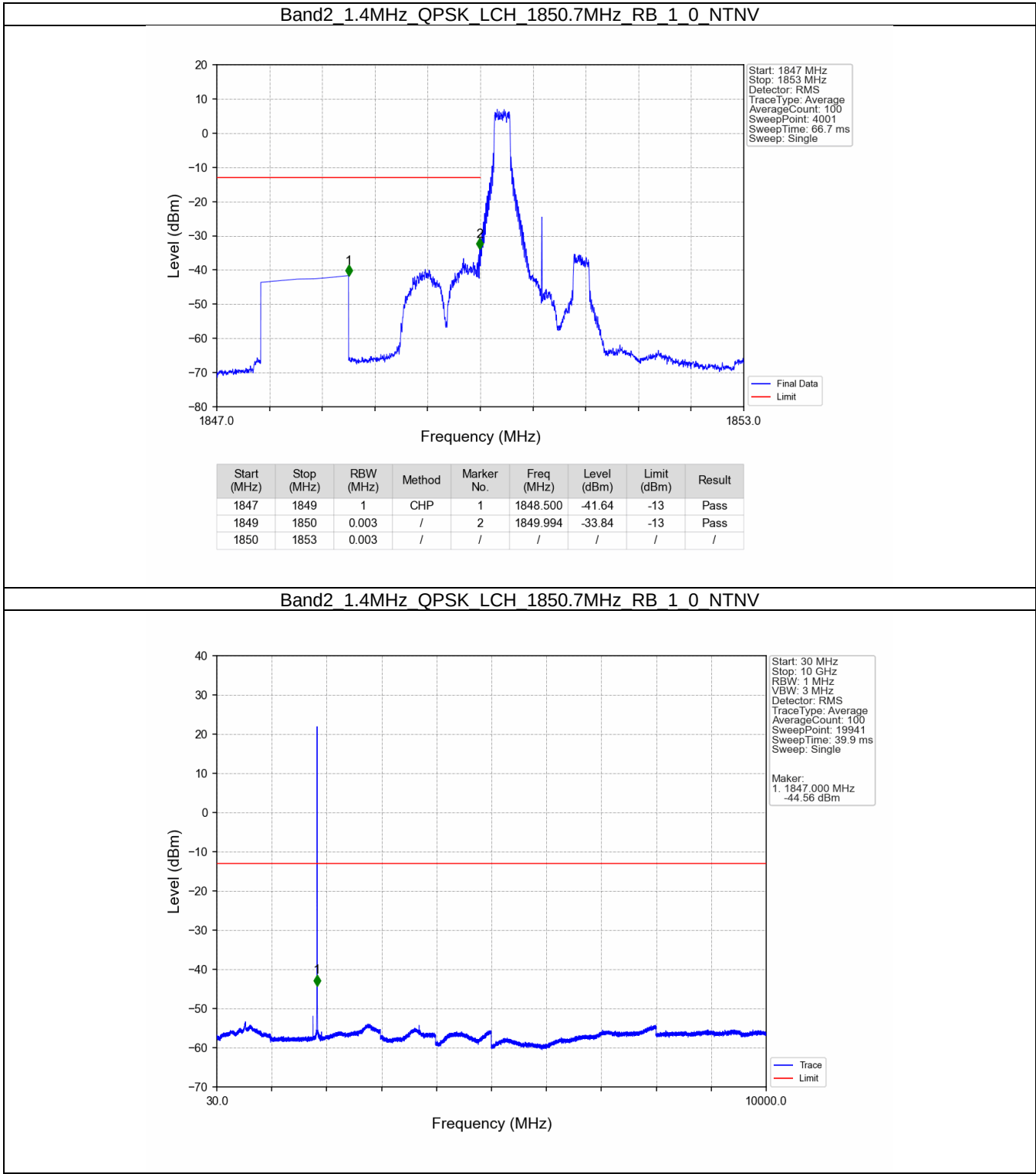
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.6 B2_20MHz

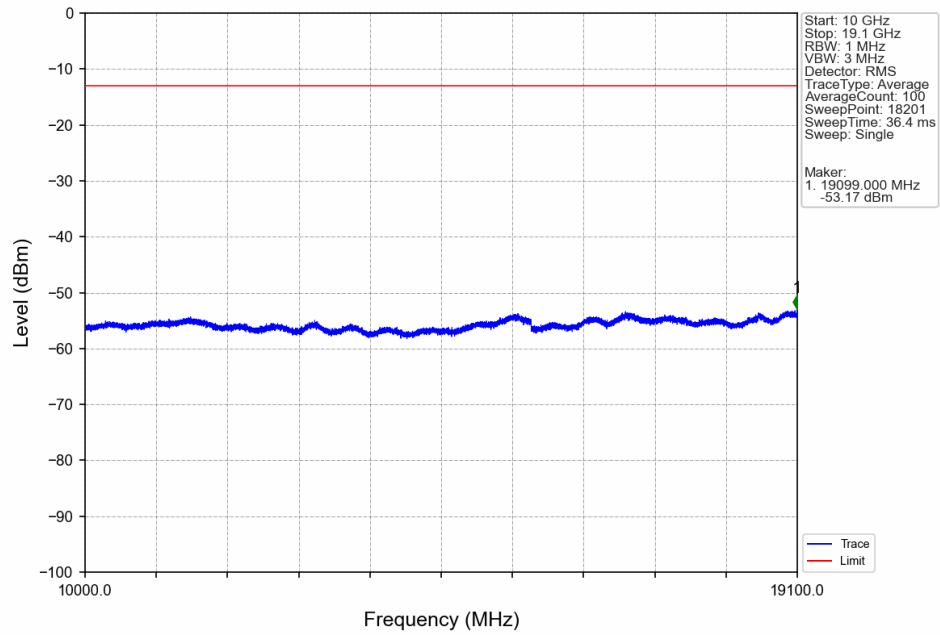
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

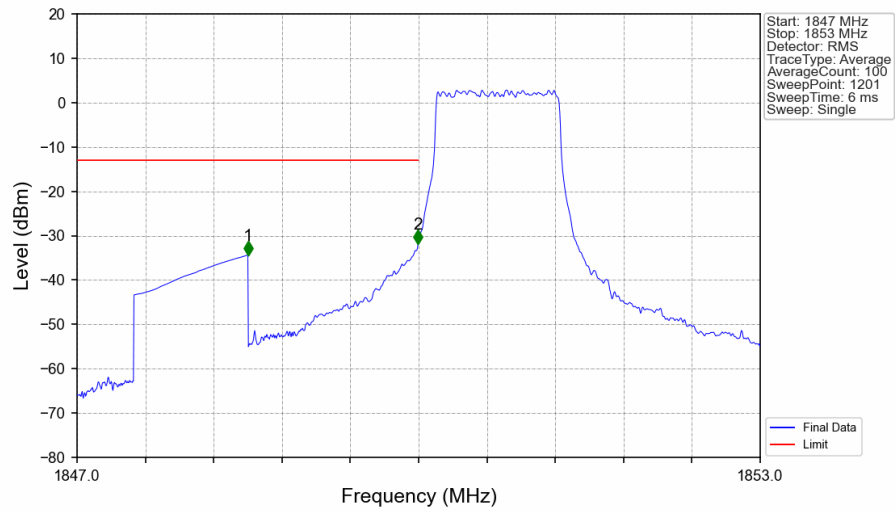
5.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

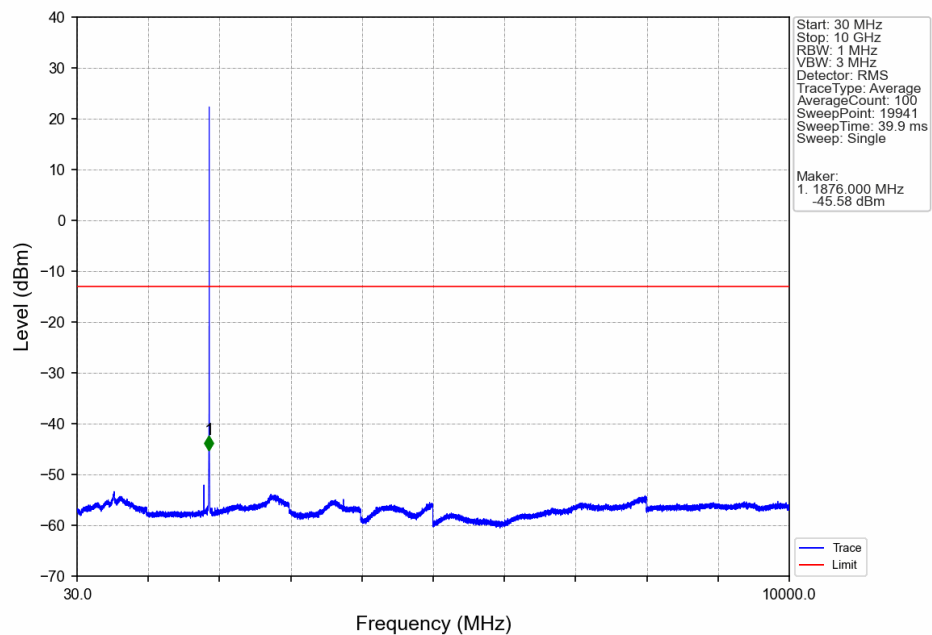


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

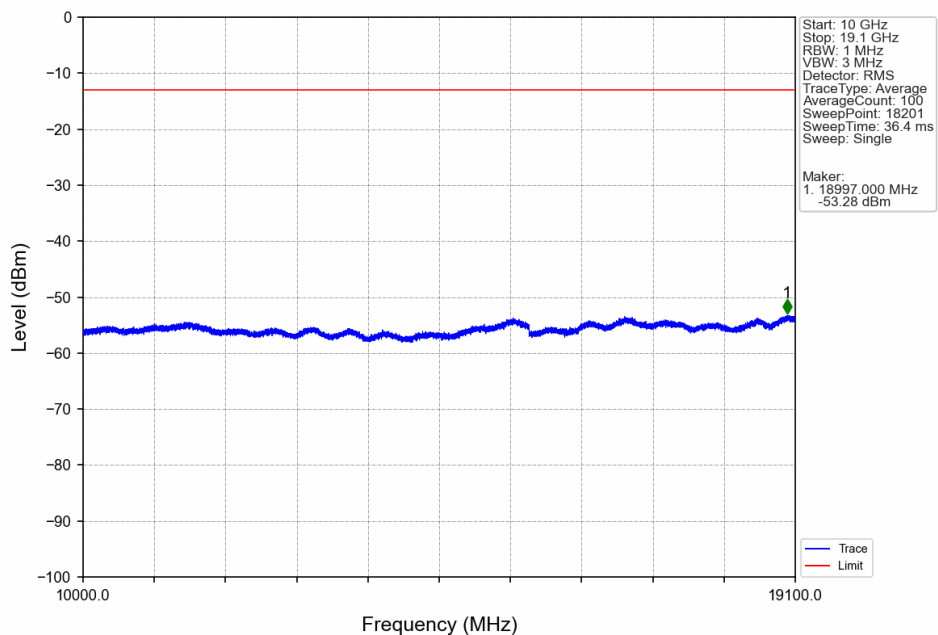


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-34.38	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-31.89	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

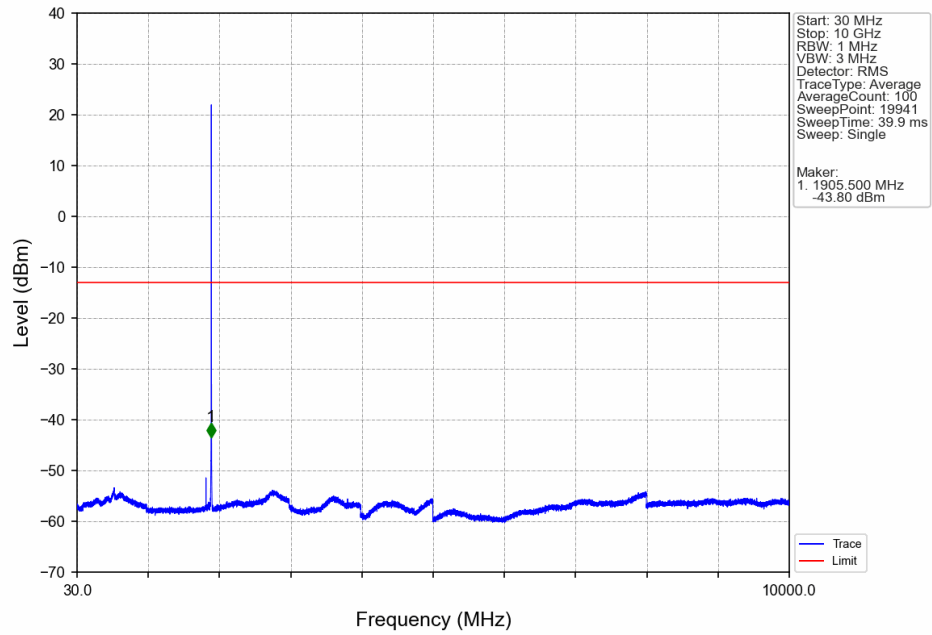
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



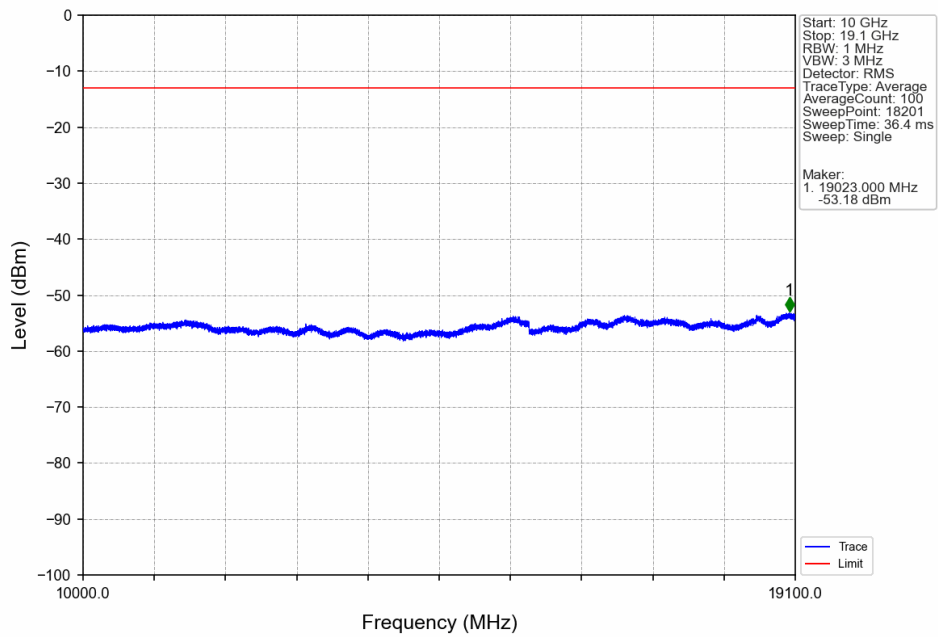
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



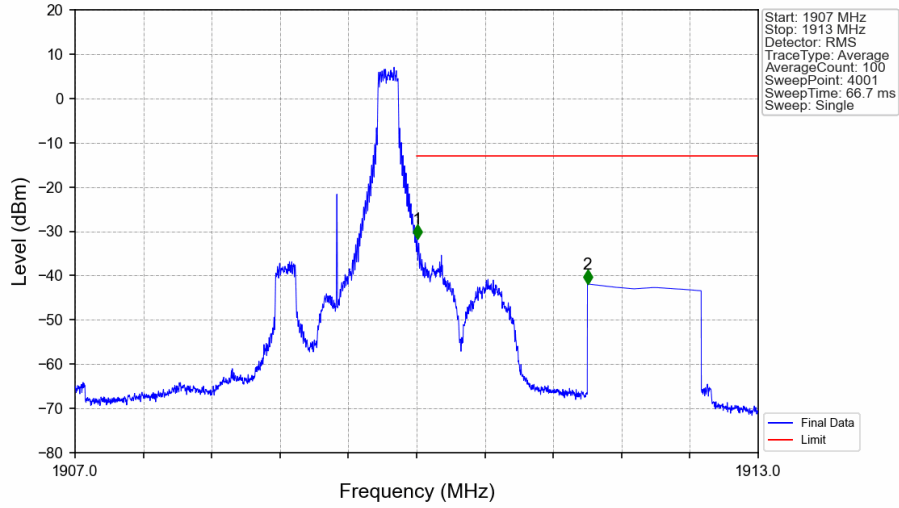
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

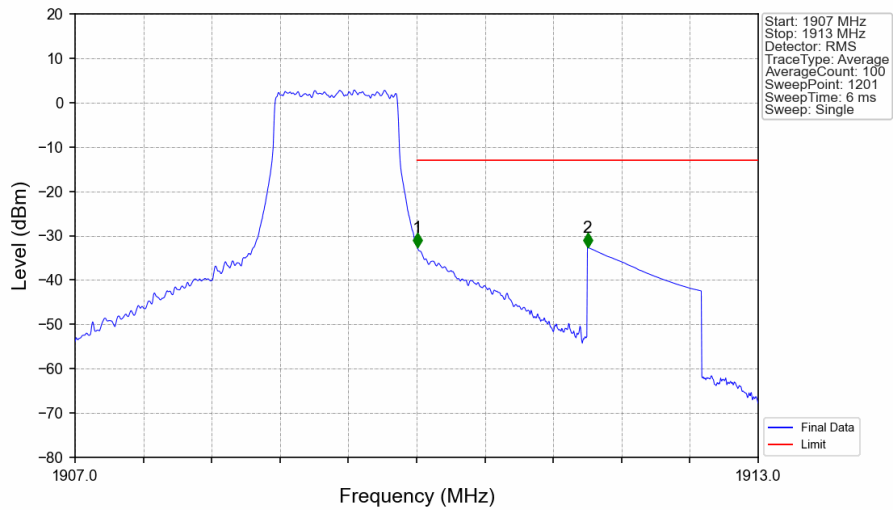


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



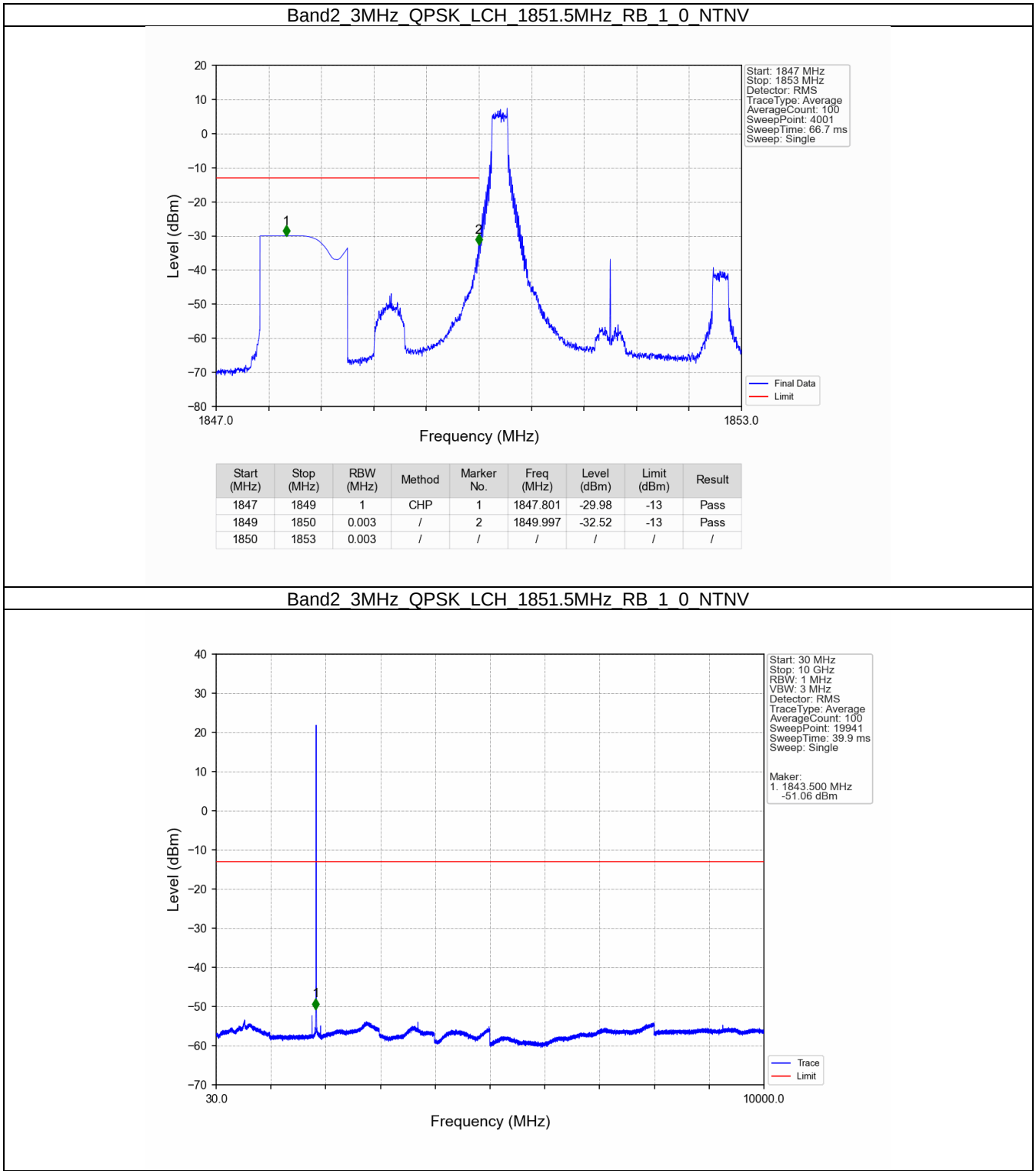
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-31.63	-13	Pass
1911	1913	1	CHP	2	1911.500	-41.90	-13	Pass

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

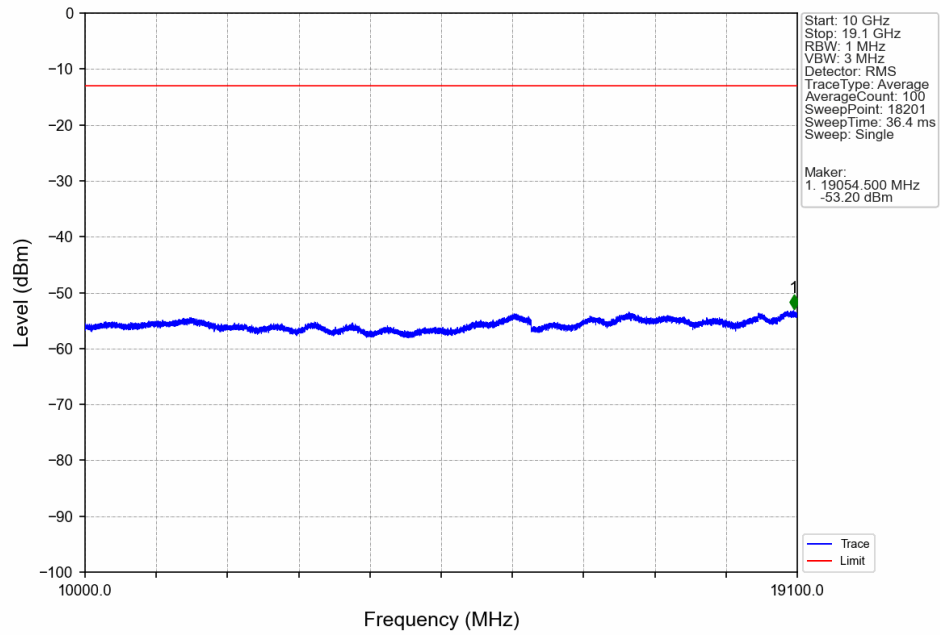


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.013	CHP	/	/	/	/	/
1910	1911	0.013	CHP	1	1910.005	-32.51	-13	Pass
1911	1913	1	CHP	2	1911.500	-32.58	-13	Pass

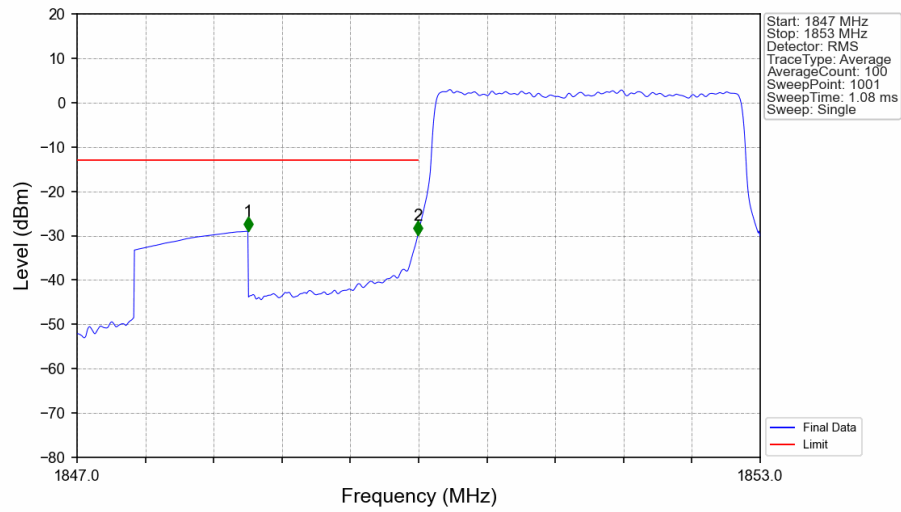
5.2.2 B2_3MHz



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

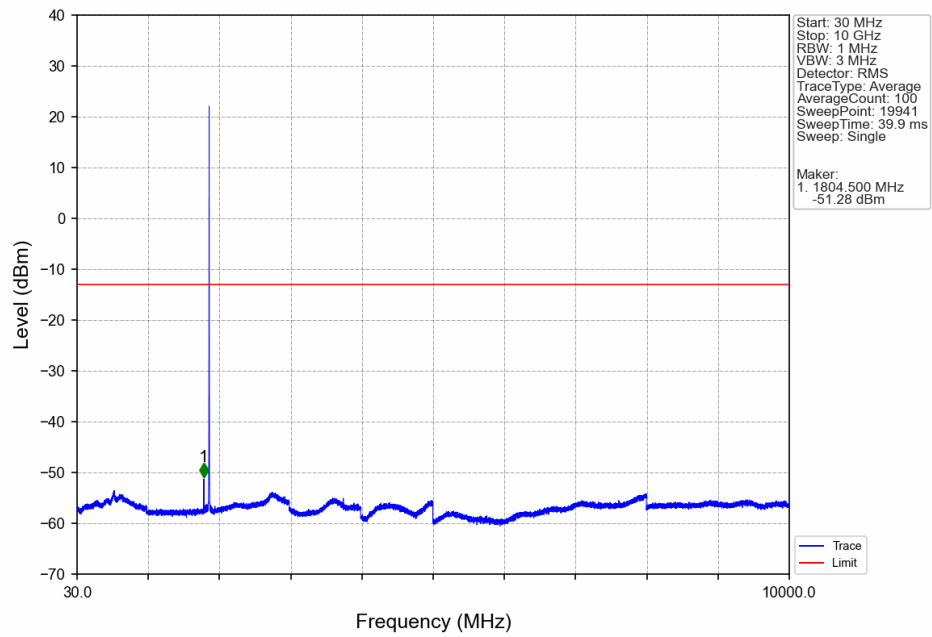


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

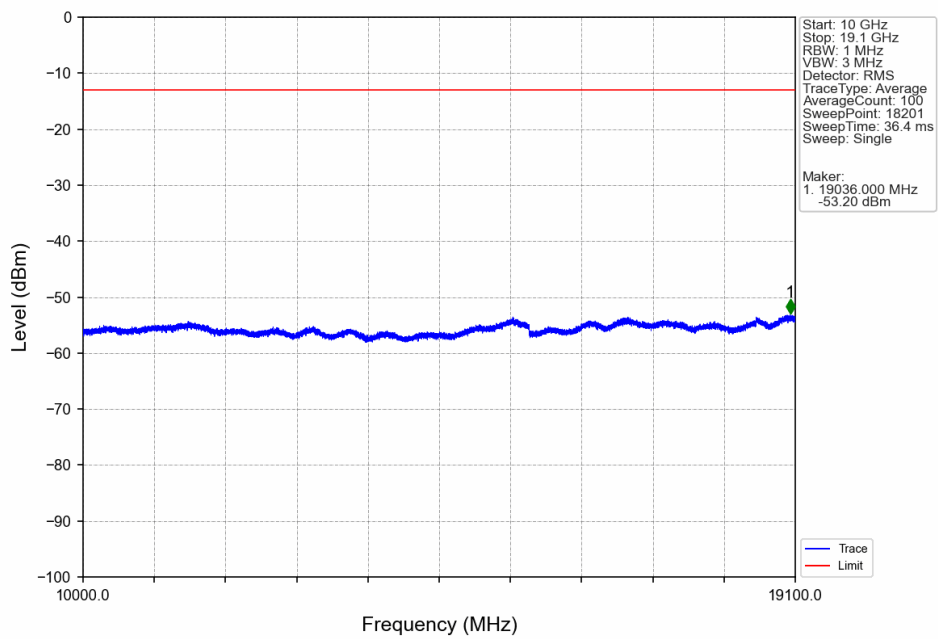


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-29.02	-13	Pass
1849	1850	0.031	CHP	2	1849.994	-29.80	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

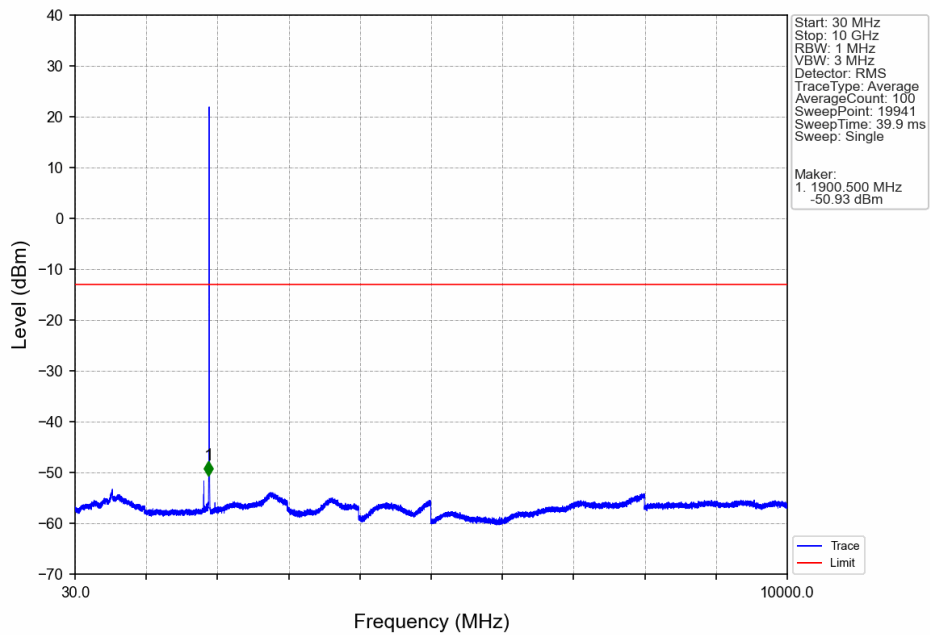
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



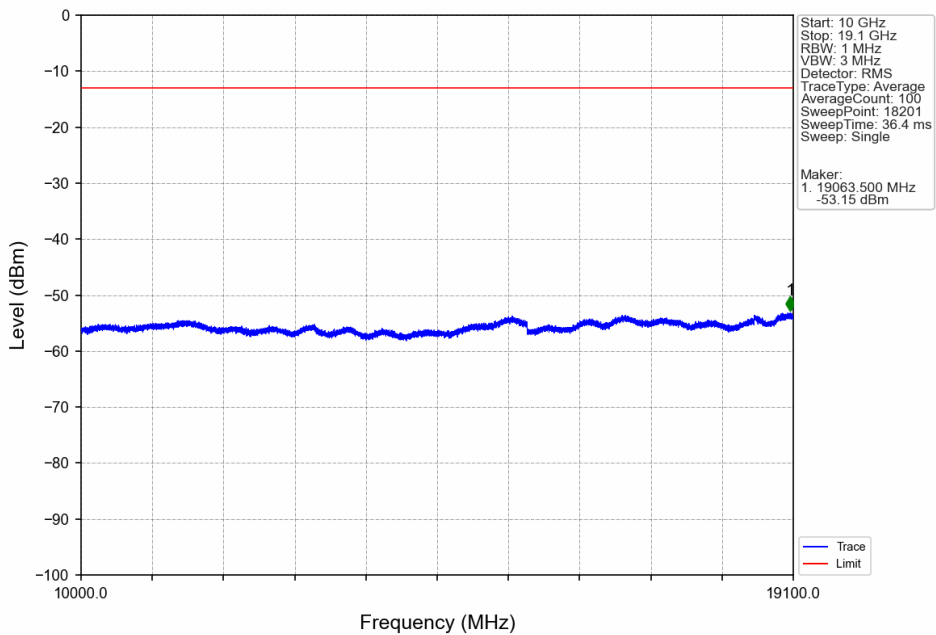
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



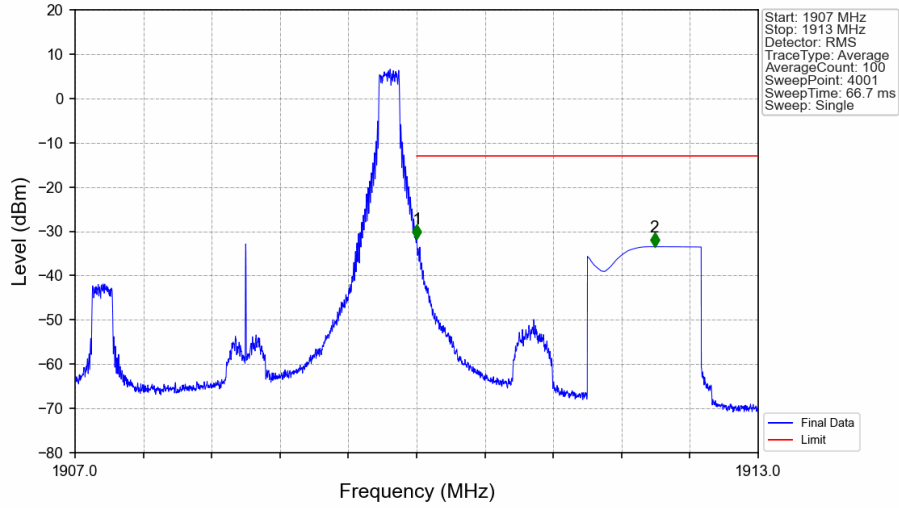
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

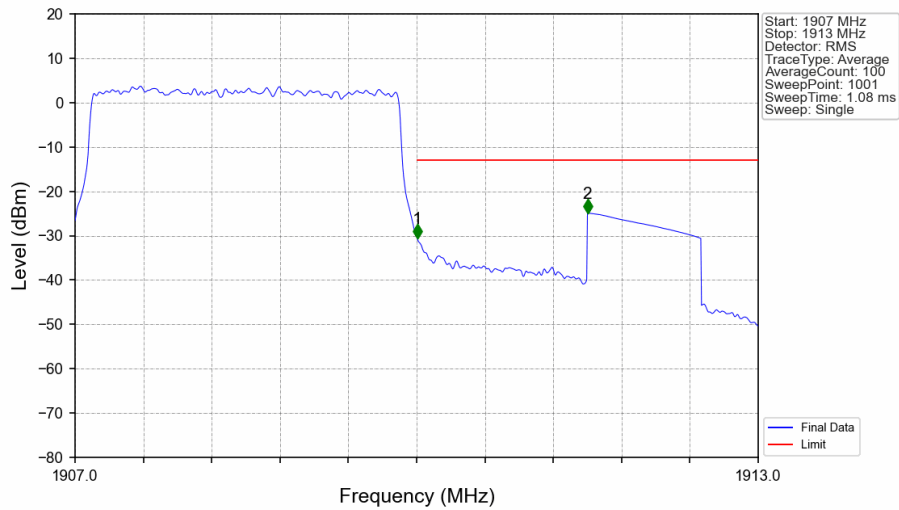


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



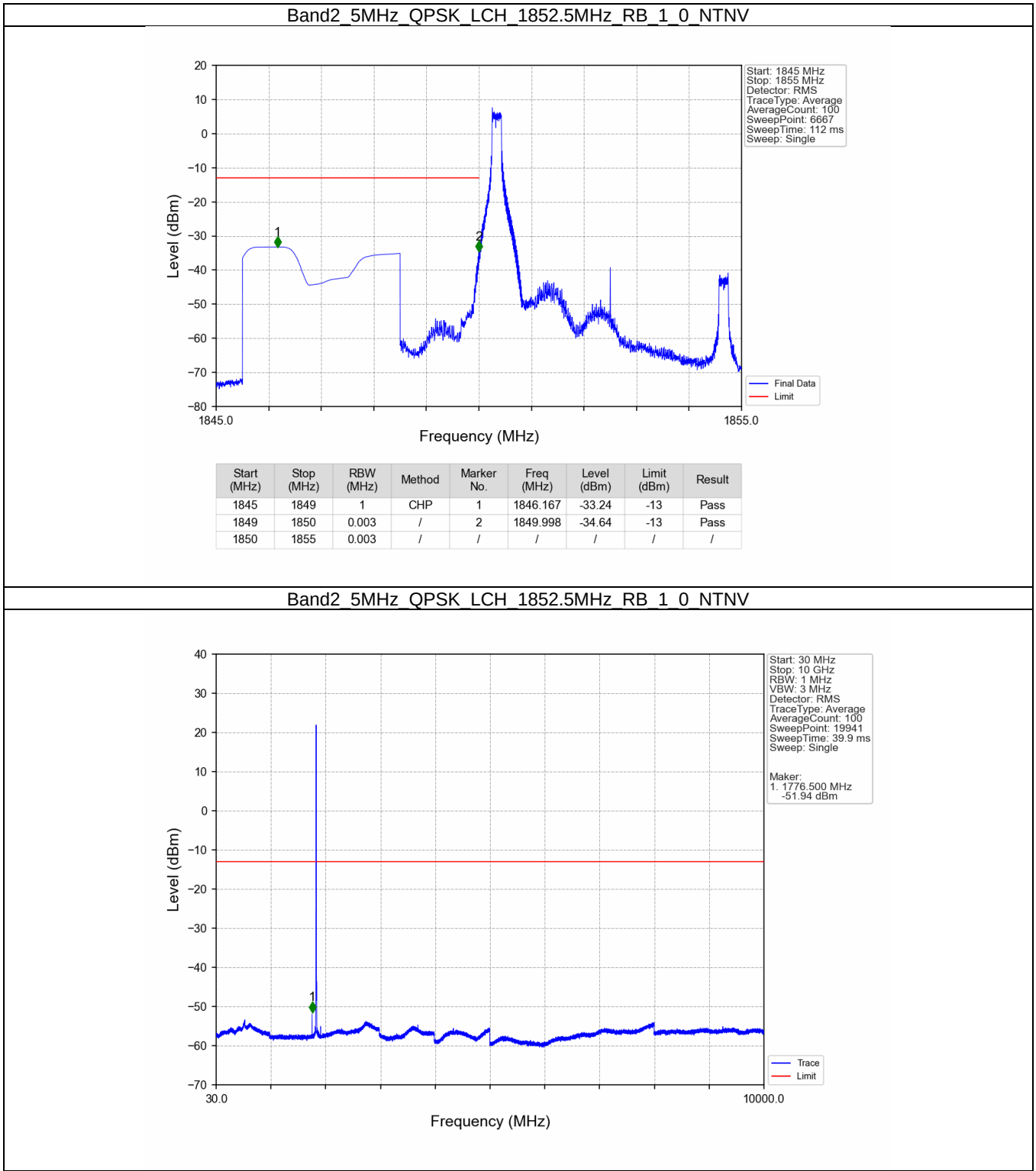
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-31.67	-13	Pass
1911	1913	1	CHP	2	1912.090	-33.47	-13	Pass

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

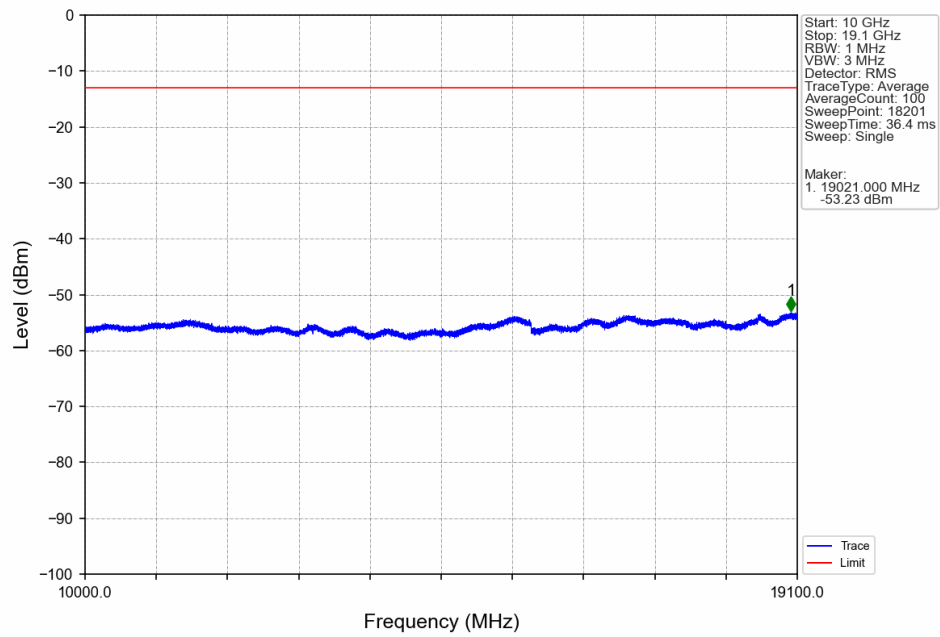


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.006	-30.65	-13	Pass
1911	1913	1	CHP	2	1911.500	-24.88	-13	Pass

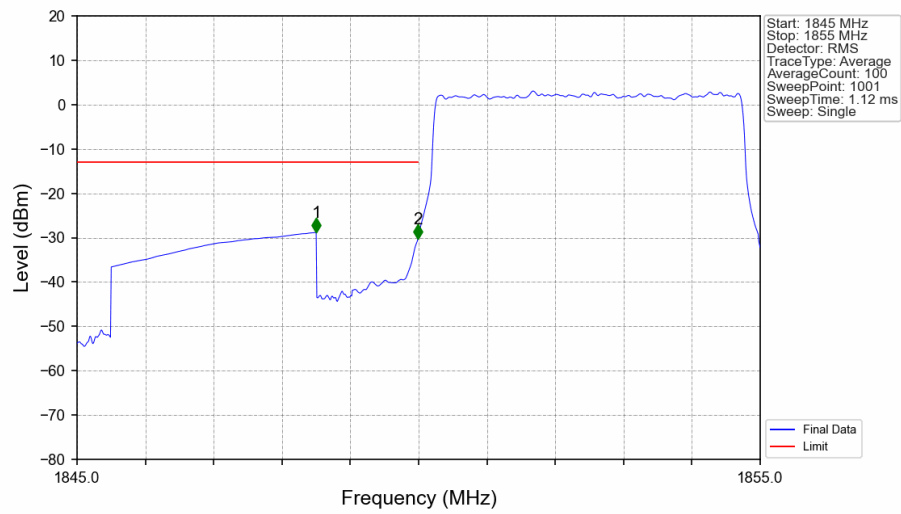
5.2.3 B2_5MHz



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

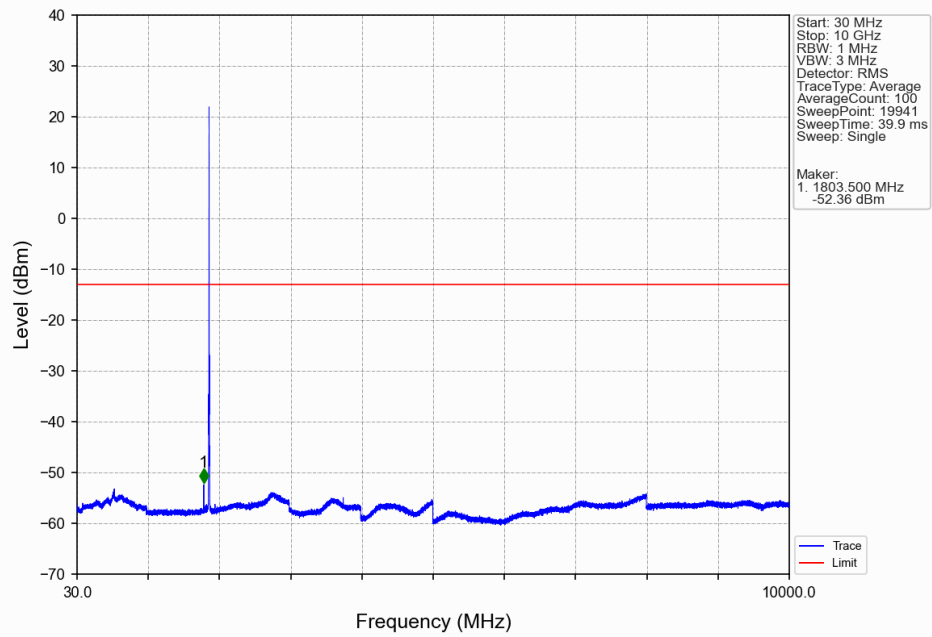


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

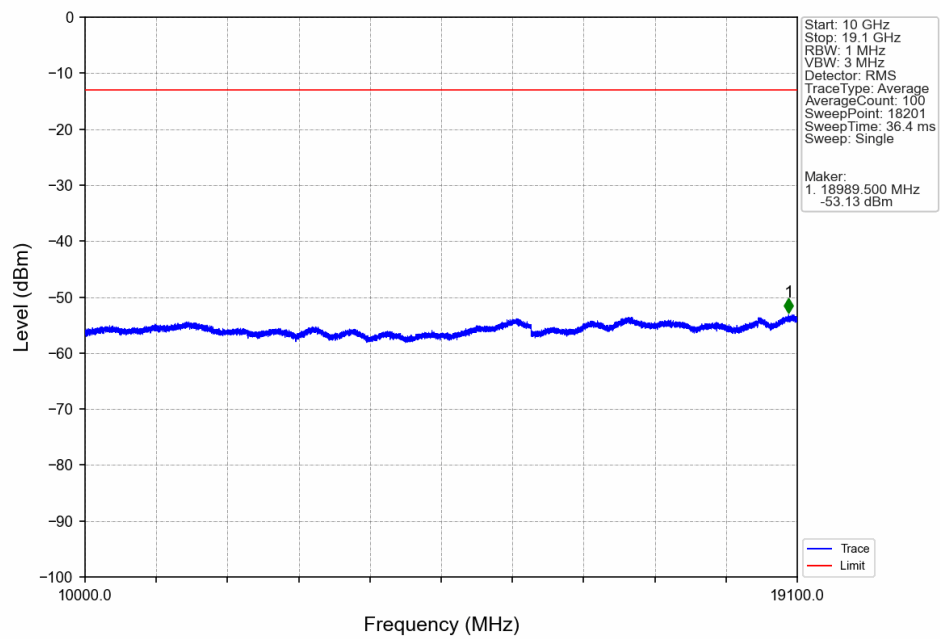


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-28.84	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-30.21	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

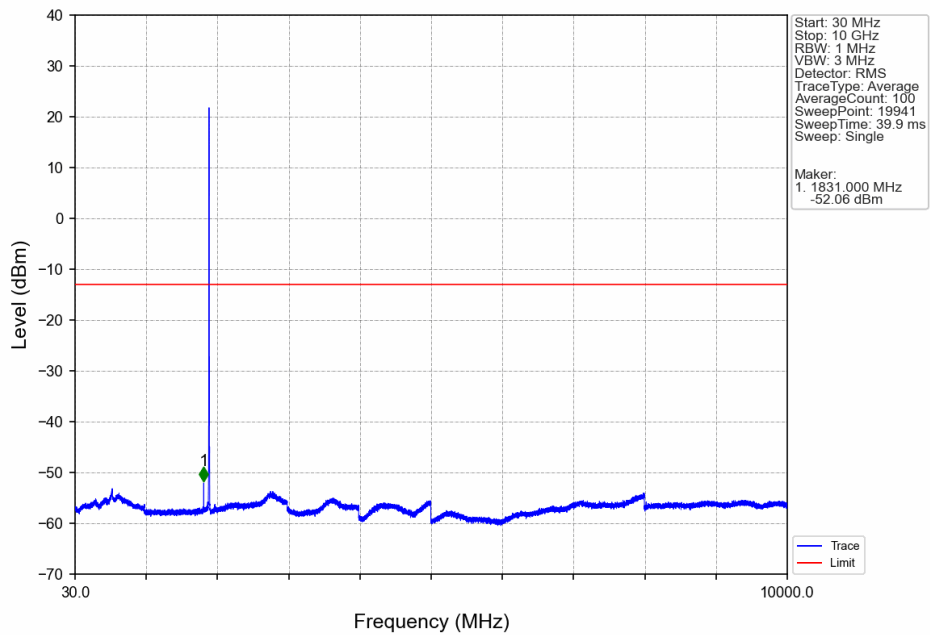
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



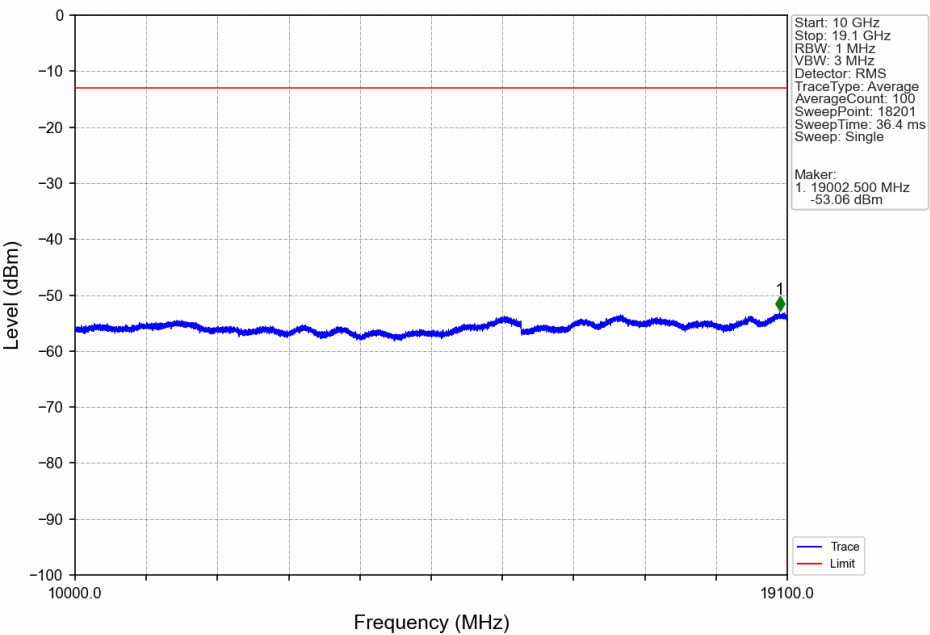
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



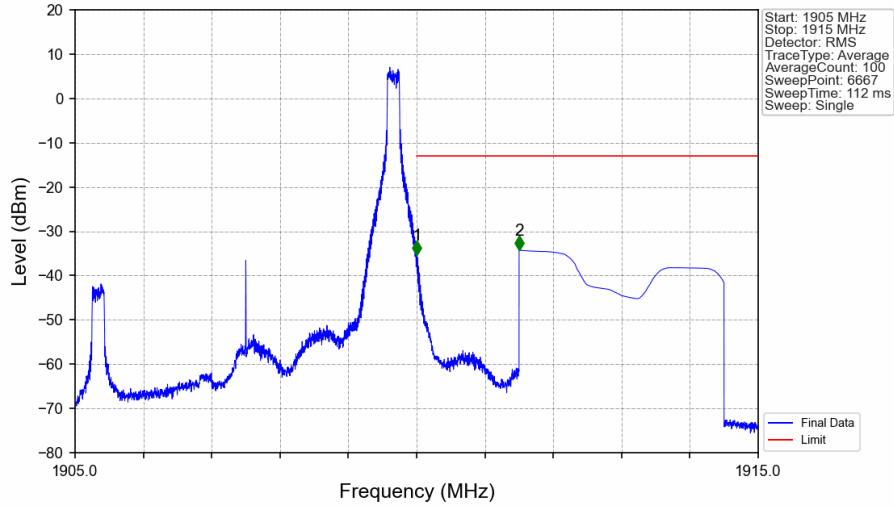
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

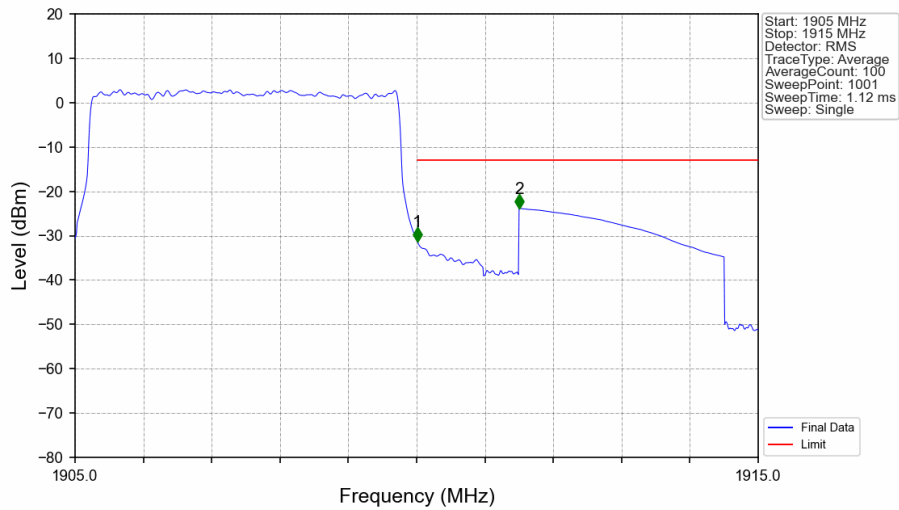


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



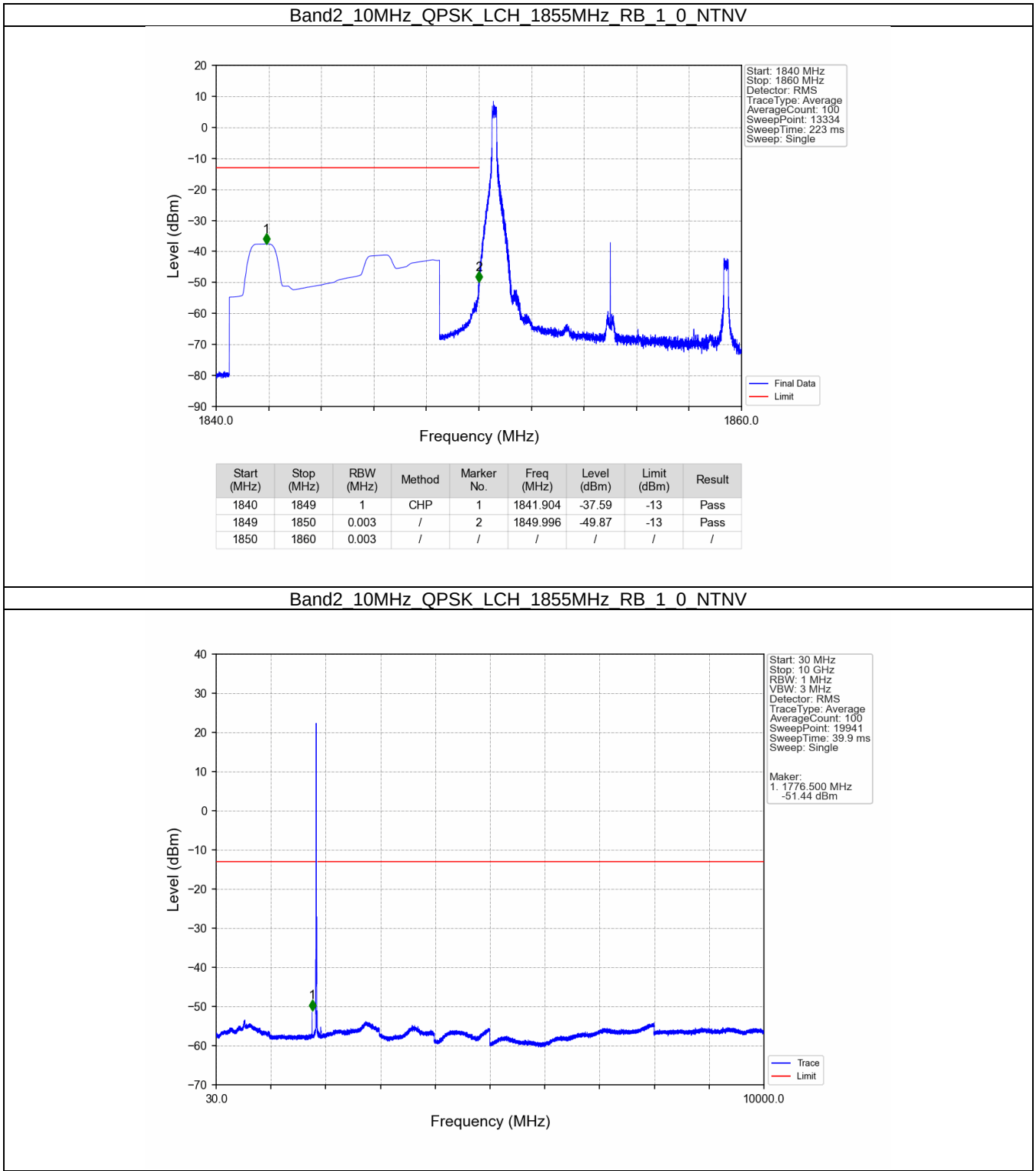
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-35.30	-13	Pass
1911	1915	1	CHP	2	1911.500	-34.29	-13	Pass

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

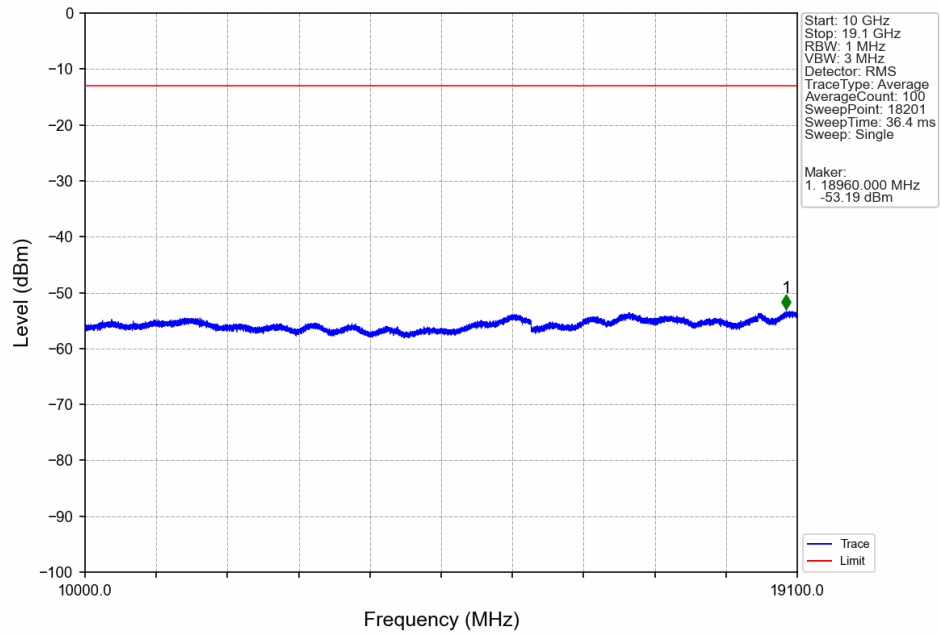


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05	CHP	/	/	/	/	/
1910	1911	0.05	CHP	1	1910.010	-31.32	-13	Pass
1911	1915	1	CHP	2	1911.500	-23.86	-13	Pass

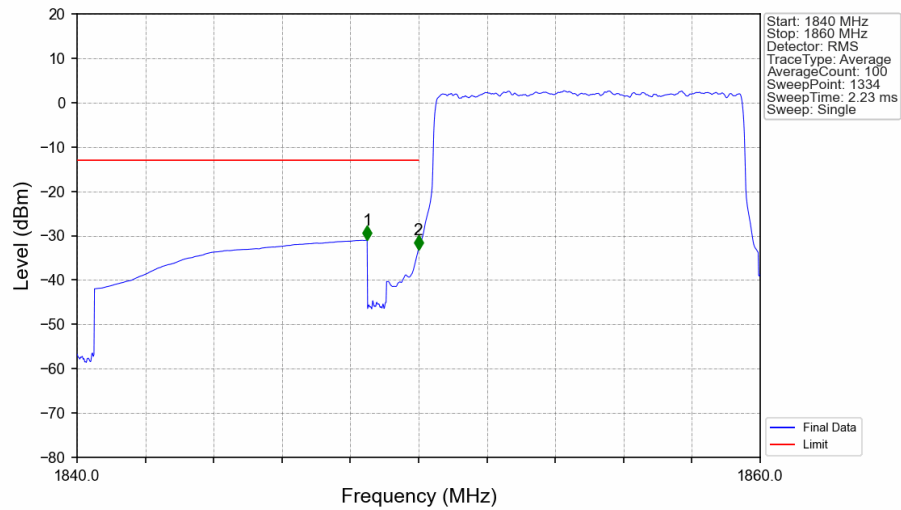
5.2.4 B2_10MHz



Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

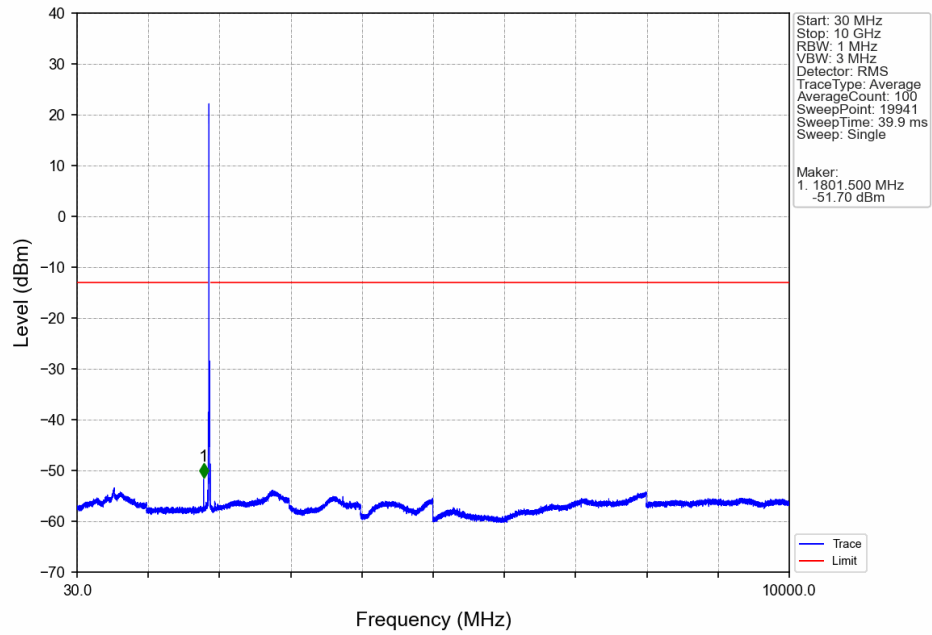


Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

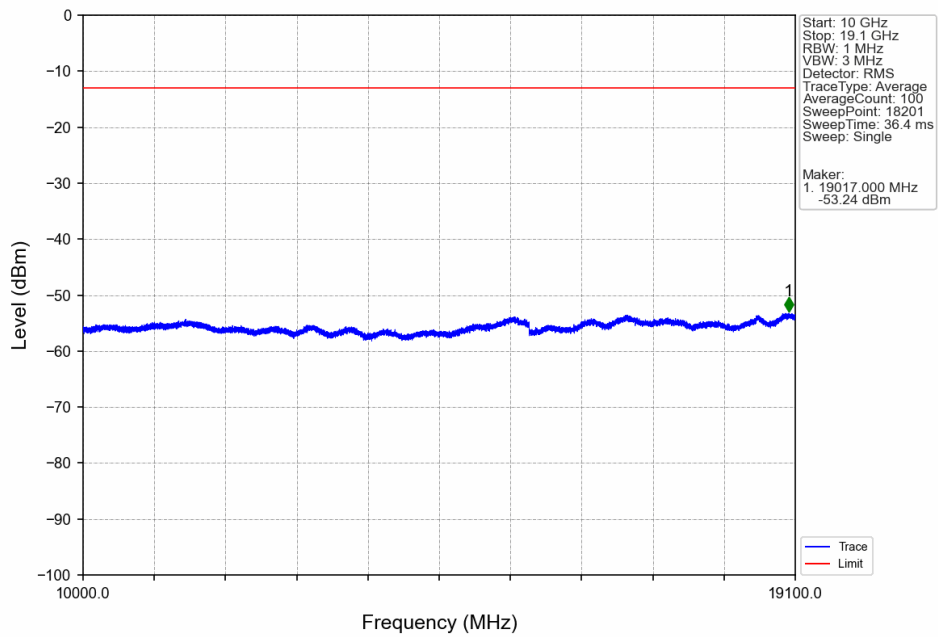


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.492	-31.02	-13	Pass
1849	1850	0.099	CHP	2	1849.992	-33.08	-13	Pass
1850	1860	0.099	CHP	/	/	/	/	/

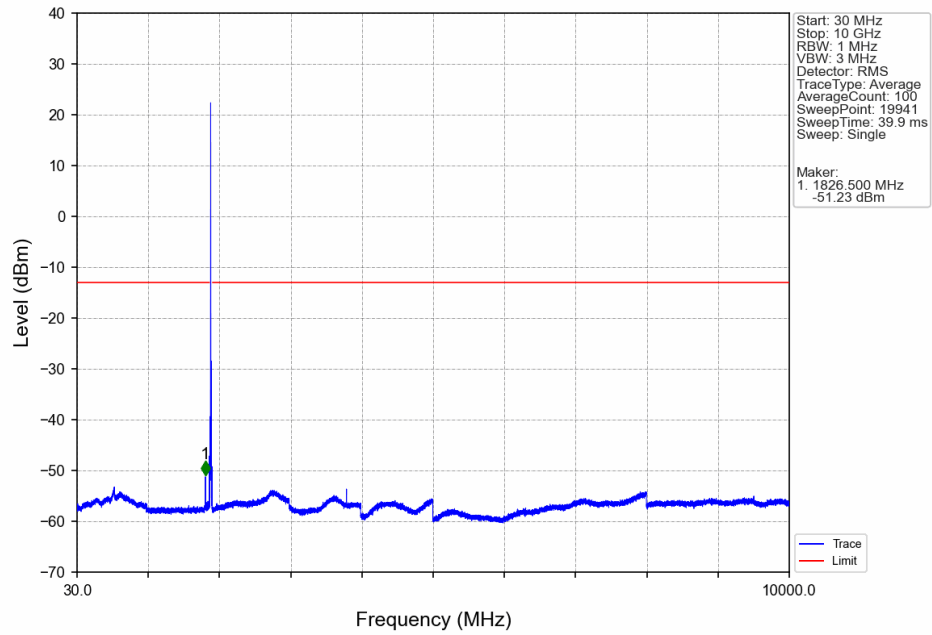
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



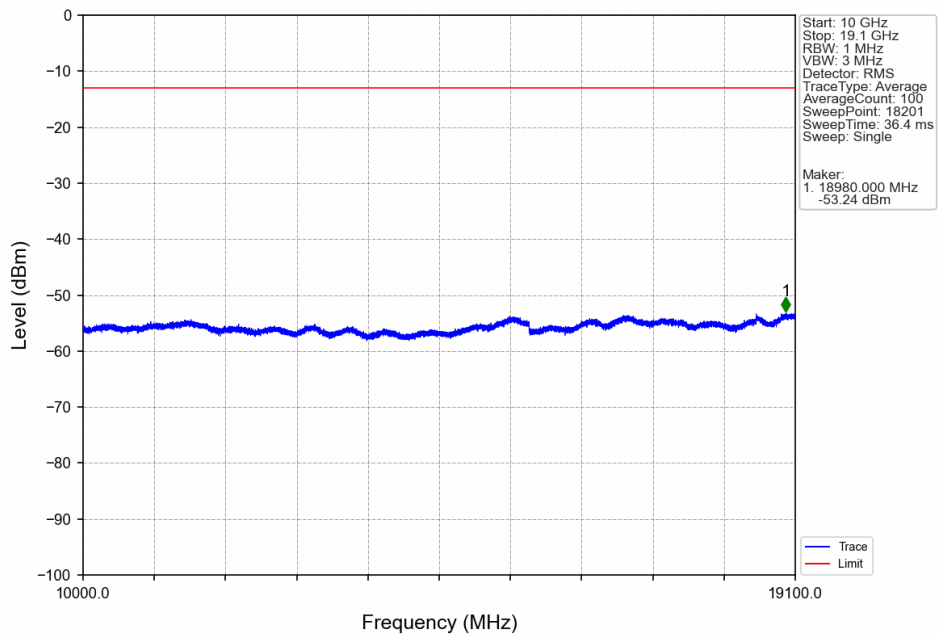
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



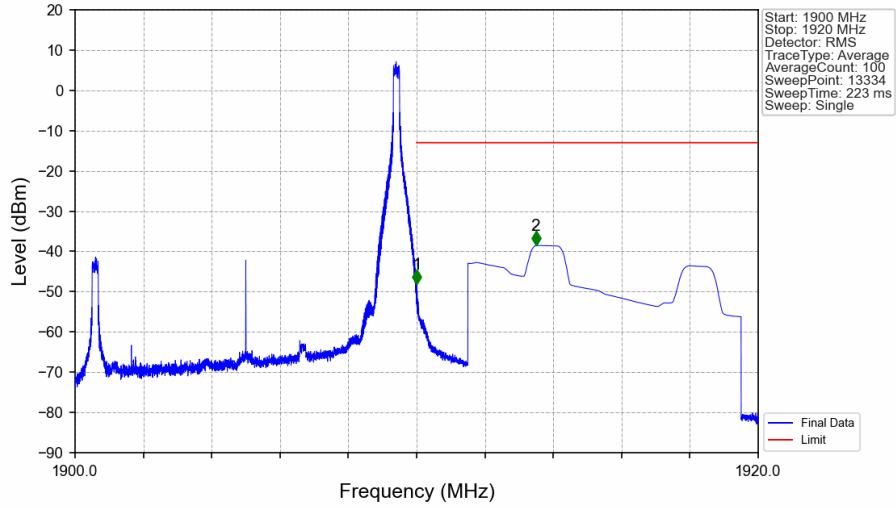
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

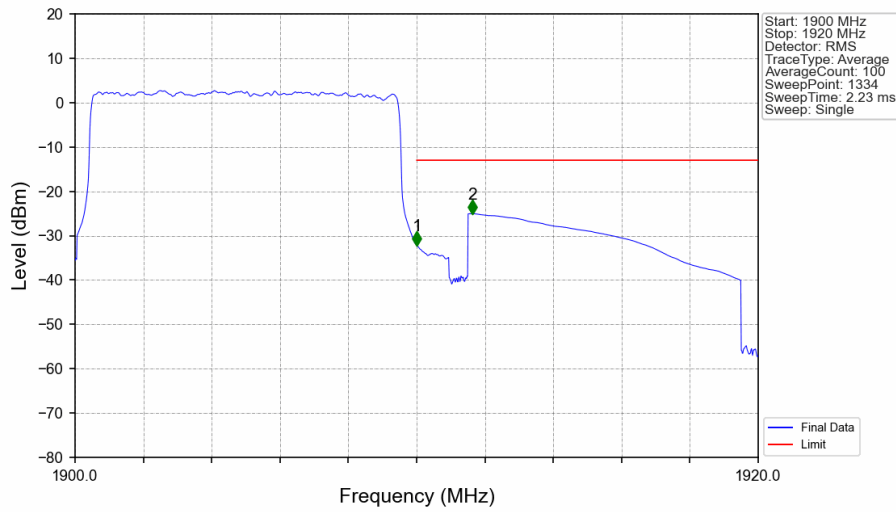


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



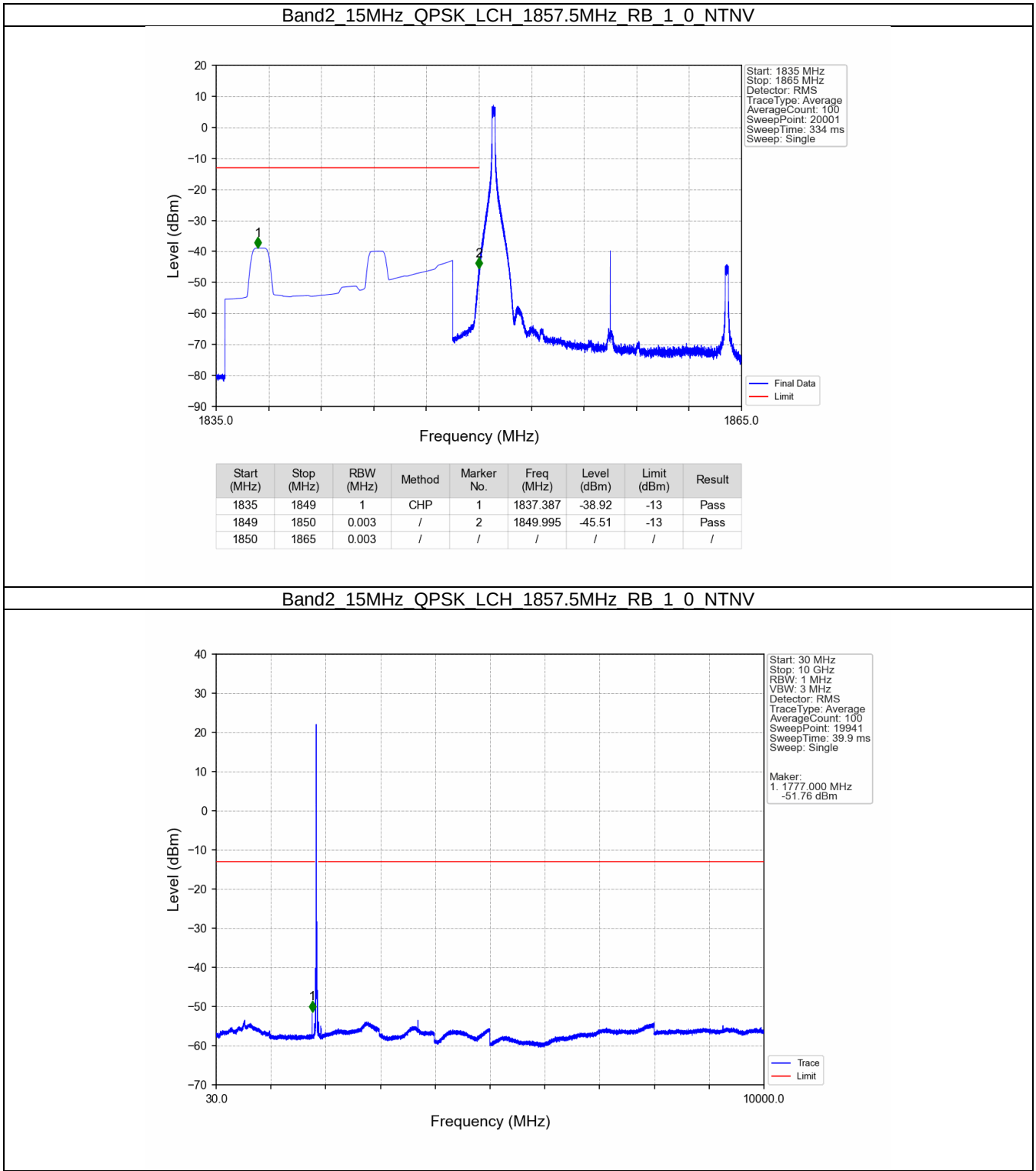
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-48.04	-13	Pass
1911	1920	1	CHP	2	1913.488	-38.53	-13	Pass

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

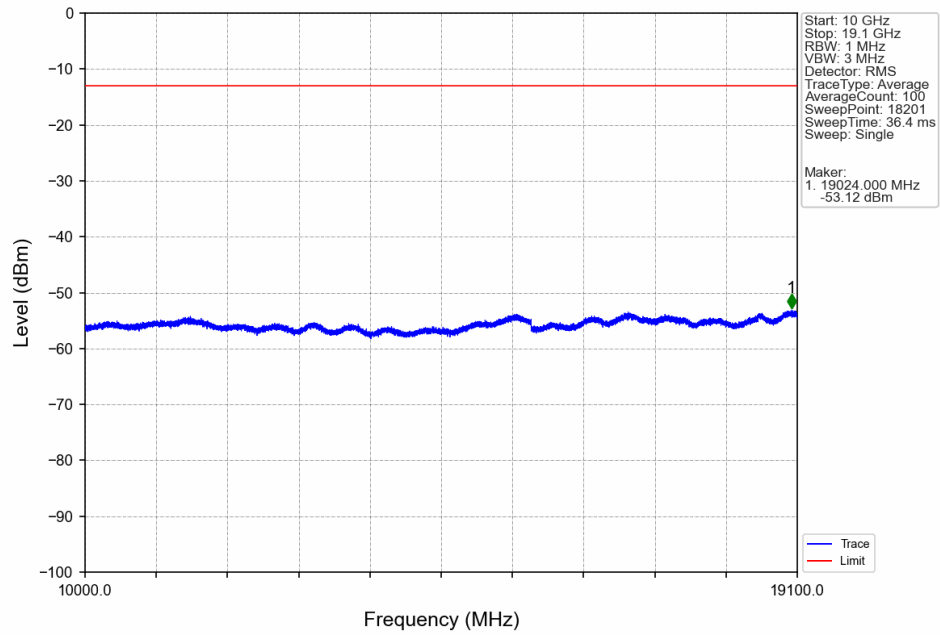


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.099	CHP	/	/	/	/	/
1910	1911	0.099	CHP	1	1910.008	-32.26	-13	Pass
1911	1920	1	CHP	2	1911.643	-25.05	-13	Pass

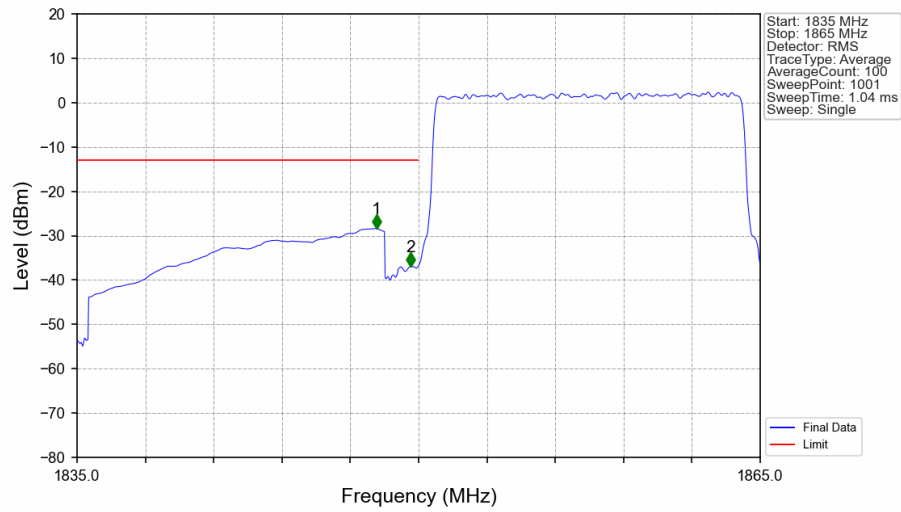
5.2.5 B2_15MHz



Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

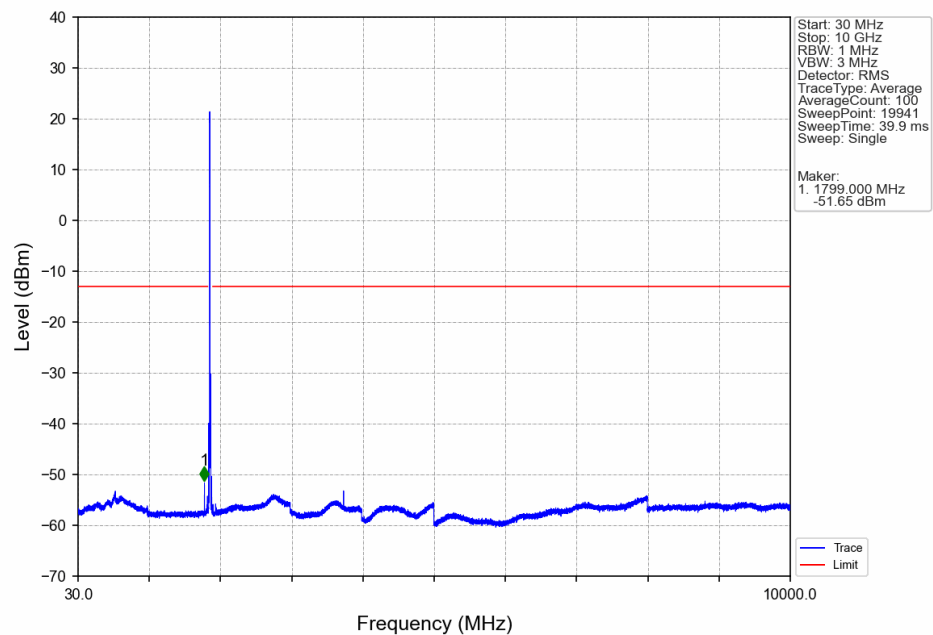


Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

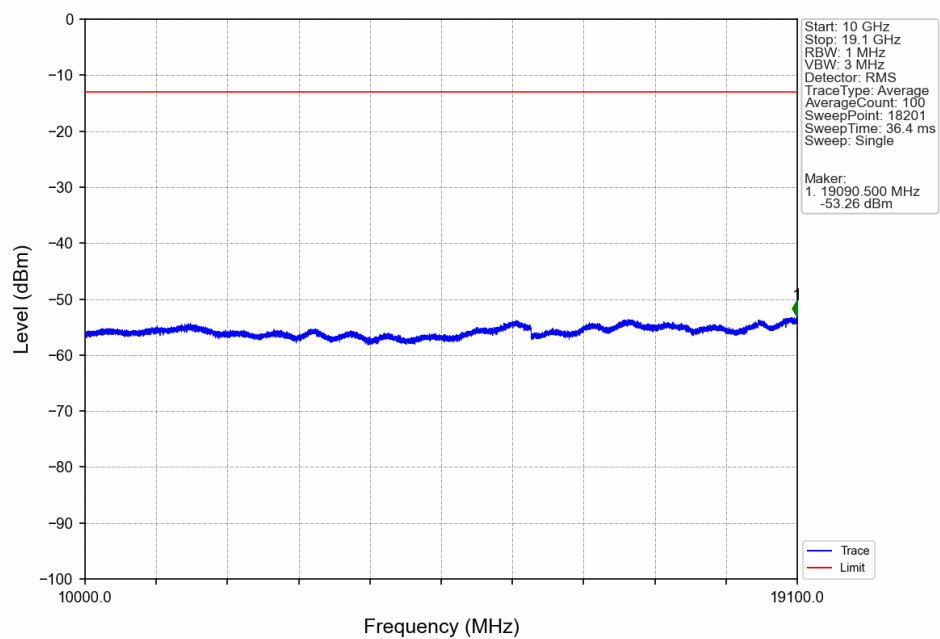


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.140	-28.39	-13	Pass
1849	1850	0.146	CHP	2	1849.640	-36.99	-13	Pass
1850	1865	0.146	CHP	/	/	/	/	/

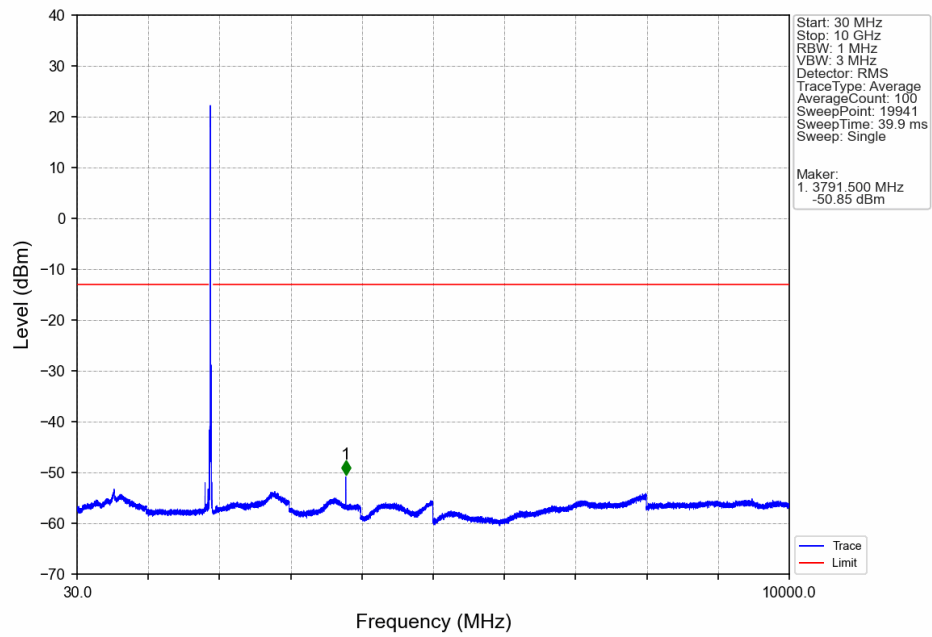
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



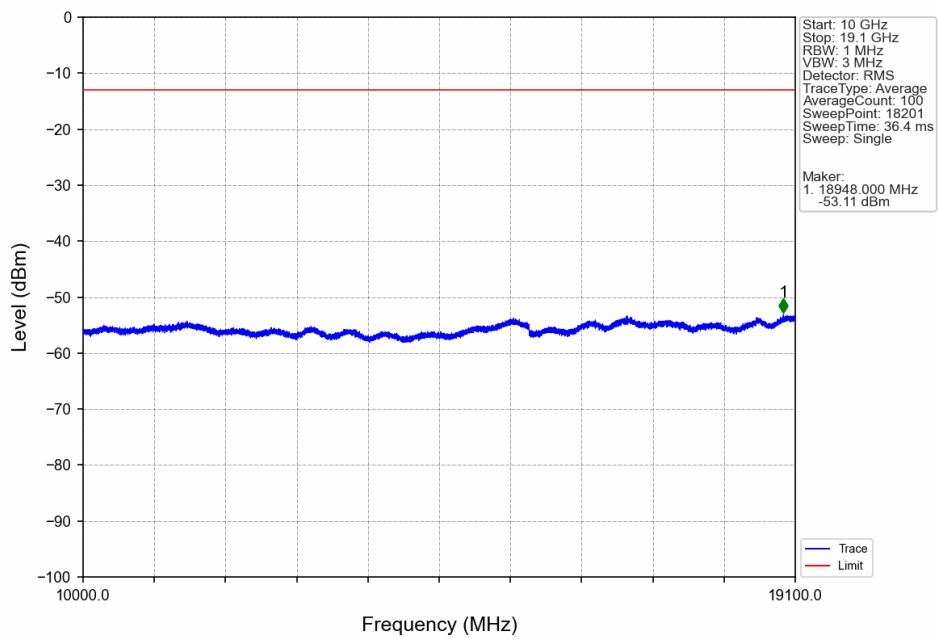
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



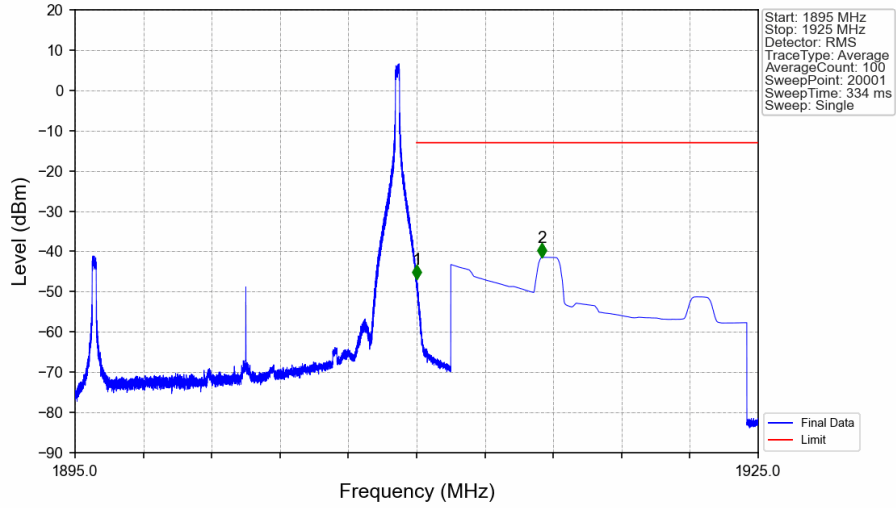
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV

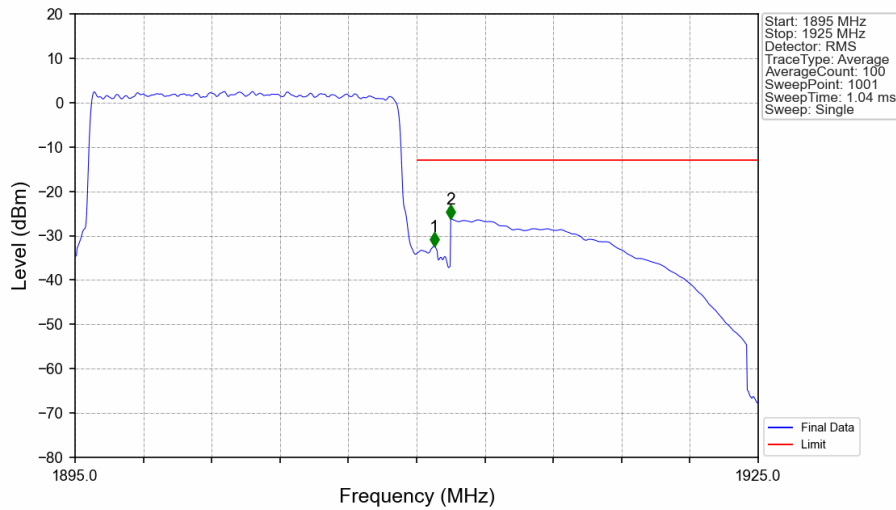


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



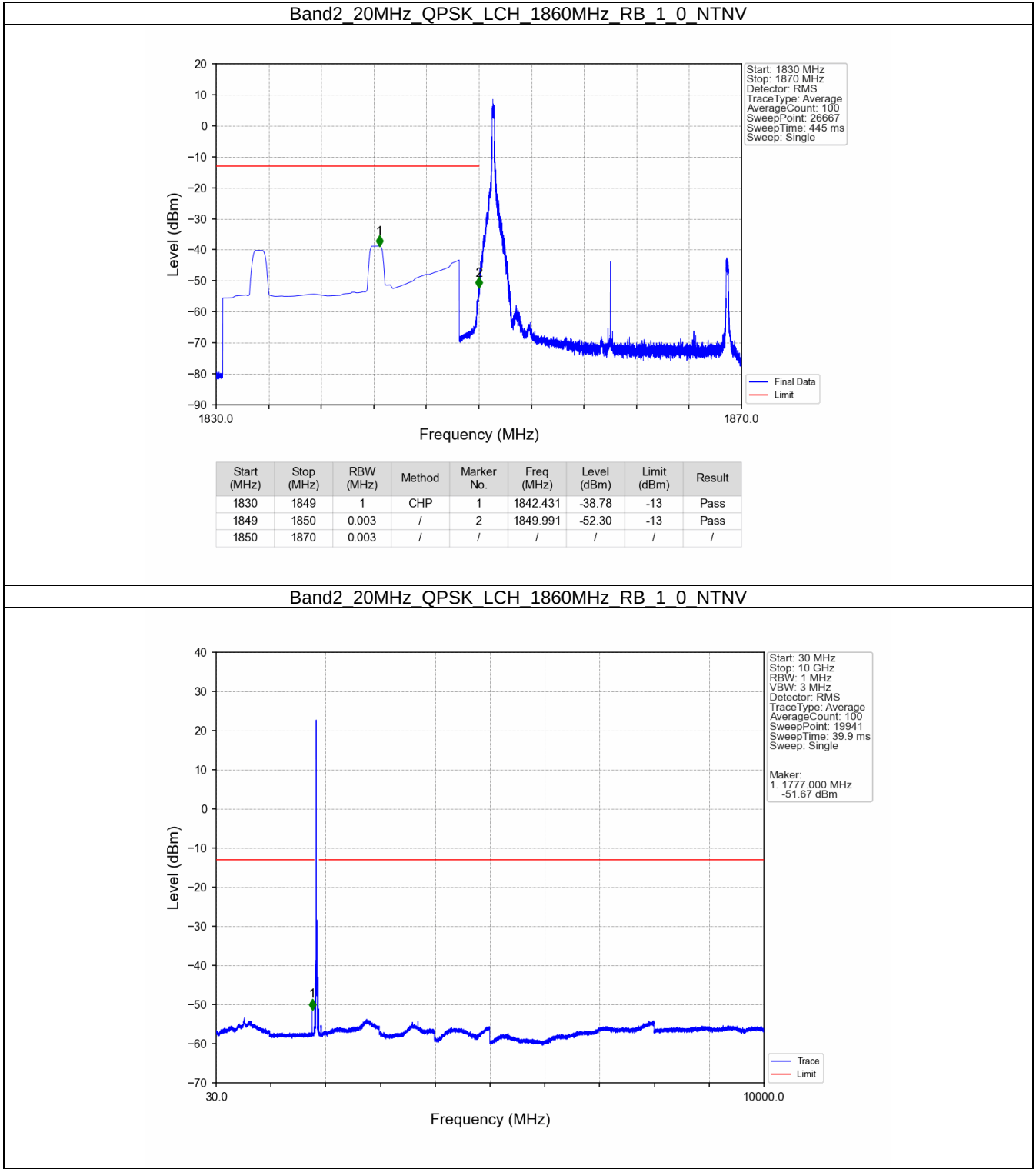
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-46.83	-13	Pass
1911	1925	1	CHP	2	1915.514	-41.46	-13	Pass

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV

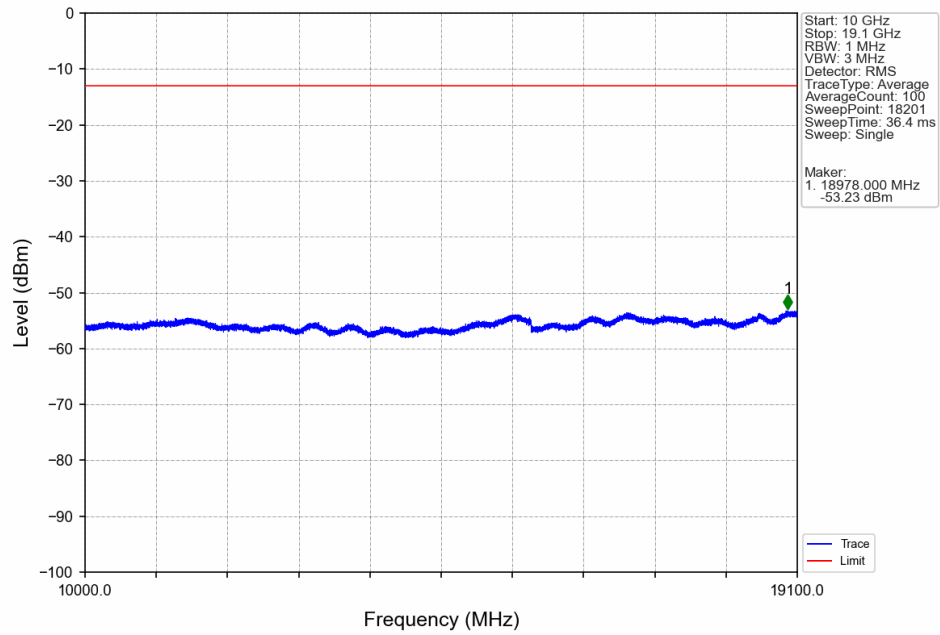


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.146	CHP	/	/	/	/	/
1910	1911	0.146	CHP	1	1910.780	-32.42	-13	Pass
1911	1925	1	CHP	2	1911.500	-26.18	-13	Pass

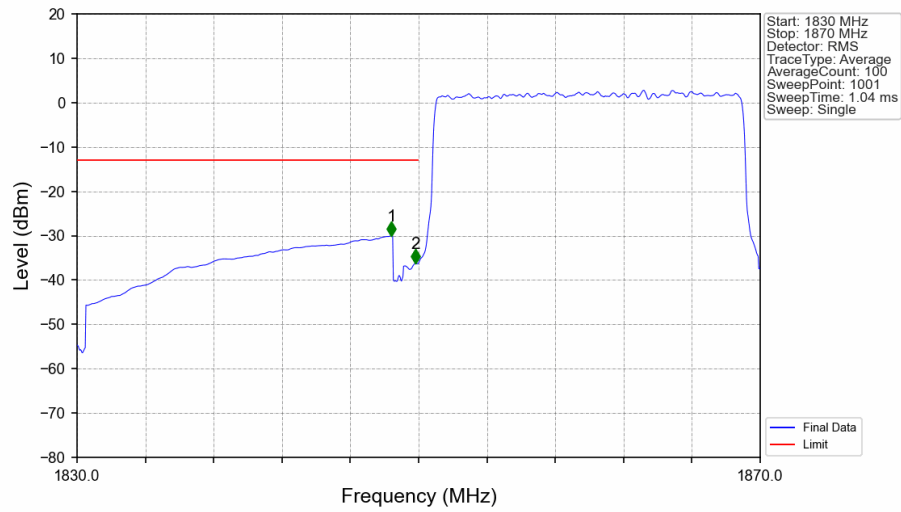
5.2.6 B2_20MHz



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

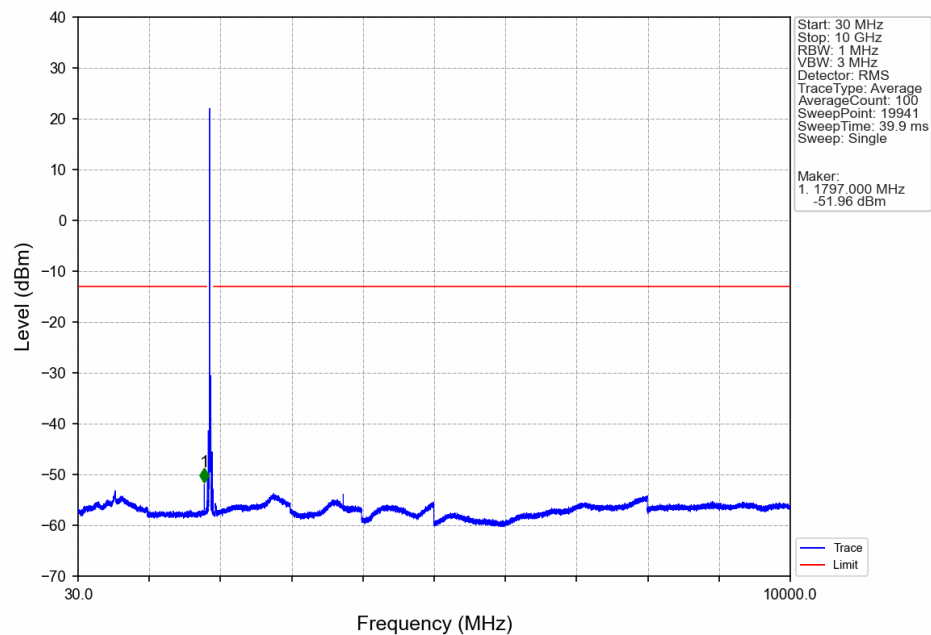


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

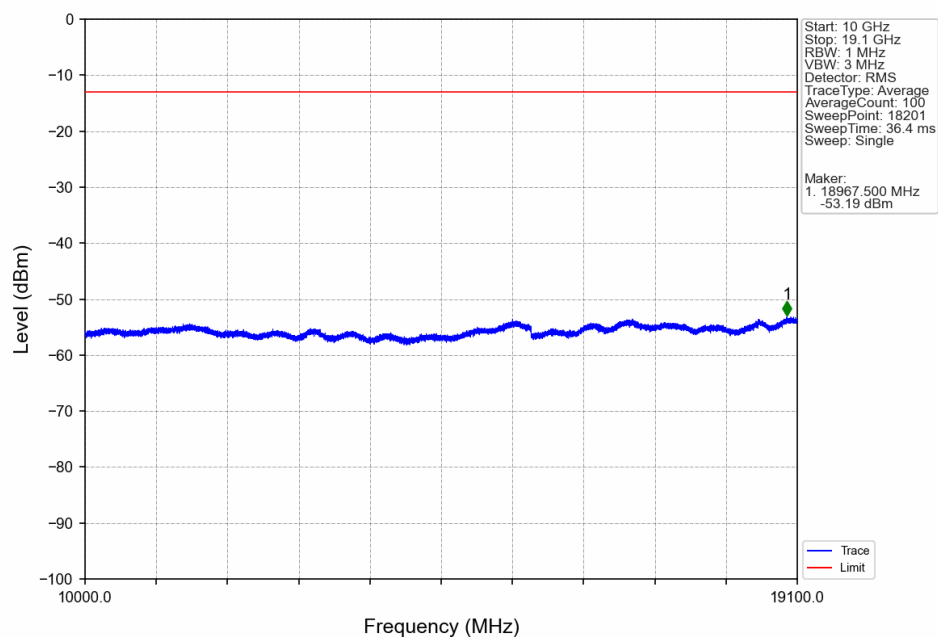


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.400	-30.04	-13	Pass
1849	1850	0.195	CHP	2	1849.800	-36.24	-13	Pass
1850	1870	0.195	CHP	/	/	/	/	/

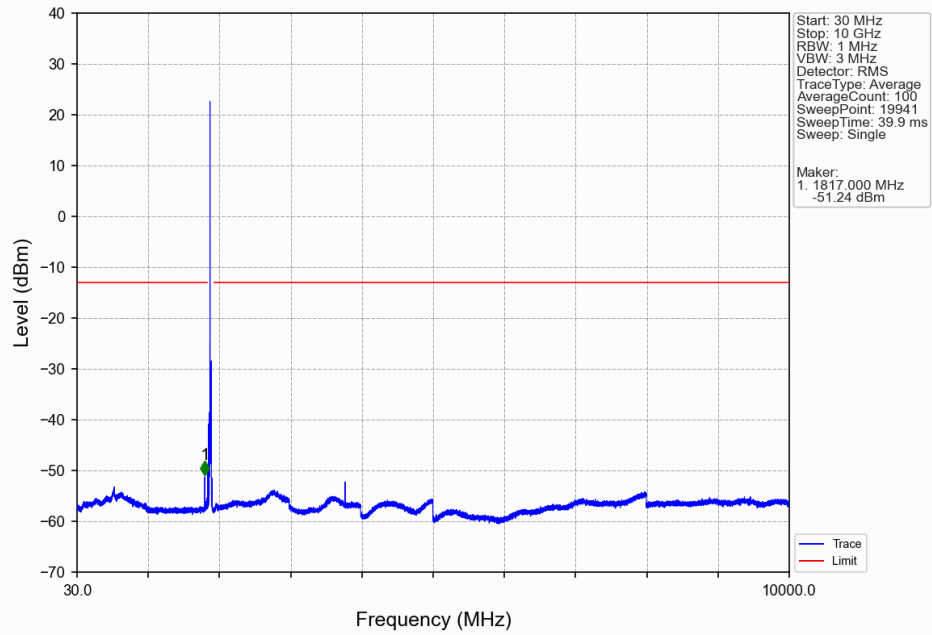
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



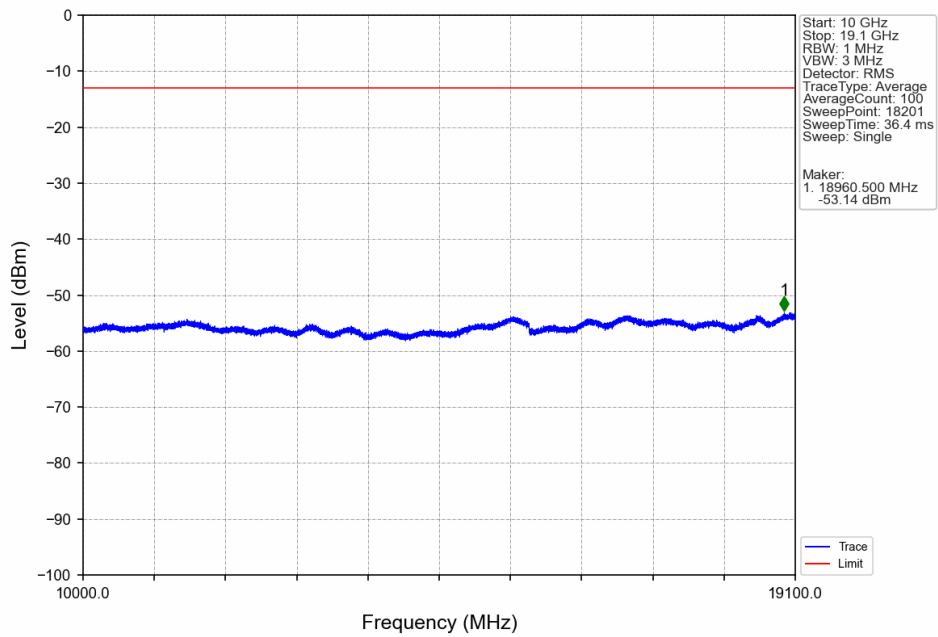
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



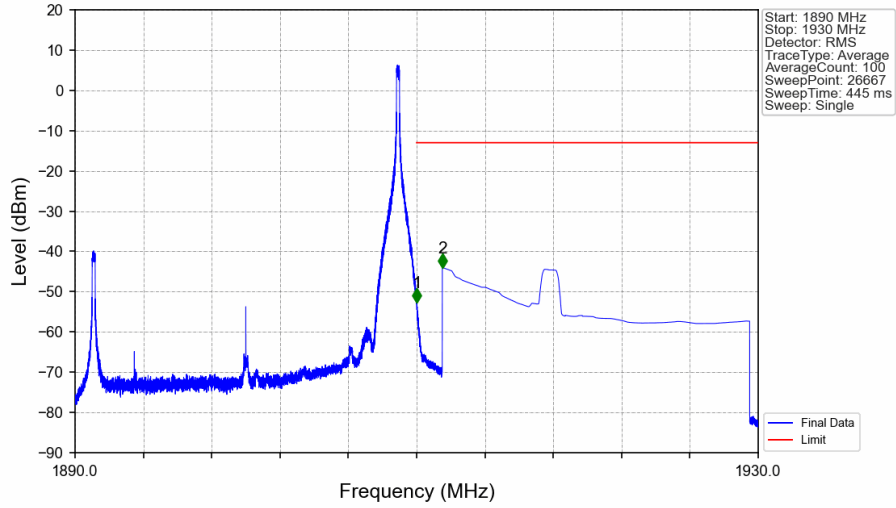
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

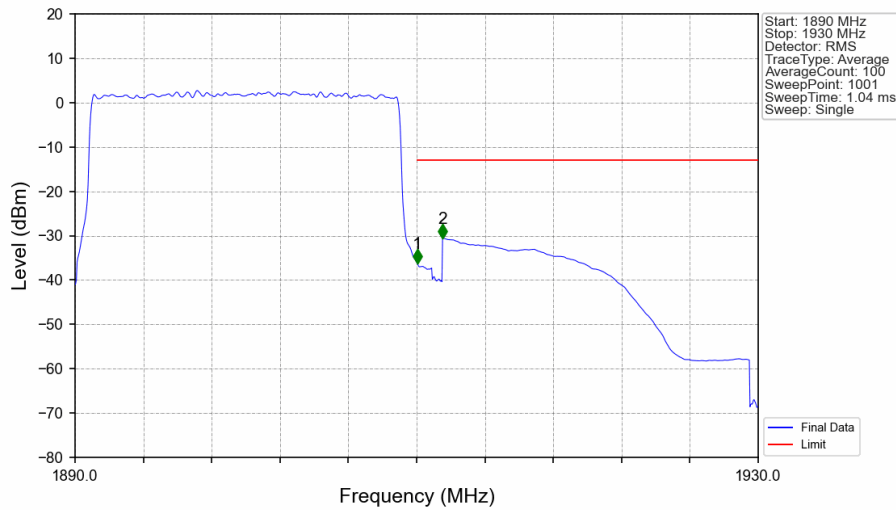


Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



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	1910.007	-52.74	-13	Pass
1911	1930	1	CHP	2	1911.500	-43.98	-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	0.195	CHP	/	/	/	/	/
1910	1911	0.195	CHP	1	1910.040	-36.27	-13	Pass
1911	1930	1	CHP	2	1911.520	-30.53	-13	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 2_ TM1

1.1.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	52.01	-48.50	28.82	-62.93	-13.00	49.93	Horizontal
2	4418.25	45.83	-48.09	29.97	-67.55	-13.00	54.55	Horizontal
3	5553.75	46.70	-47.66	32.62	-63.60	-13.00	50.60	Horizontal
4	7404	50.05	-46.17	36.23	-55.15	-13.00	42.15	Horizontal
5	10393.5	40.02	-41.23	39.08	-57.40	-13.00	44.40	Horizontal
6	14730.75	36.74	-36.73	40.23	-55.03	-13.00	42.03	Horizontal

1.2. Test Band = LTE Band 2_ TM1

1.2.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	51.30	-48.50	28.82	-63.64	-13.00	50.64	Vertical
2	4445.25	45.35	-48.05	30.01	-67.95	-13.00	54.95	Vertical
3	5553	48.19	-47.66	32.62	-62.11	-13.00	49.11	Vertical
4	7404.75	49.25	-46.17	36.23	-55.95	-13.00	42.95	Vertical
5	10943.25	38.90	-40.31	39.46	-57.21	-13.00	44.21	Vertical
6	14666.25	36.65	-37.11	40.23	-55.49	-13.00	42.49	Vertical

1.3. Test Band = LTE Band 2_ TM1

1.3.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3741.75	48.61	-48.37	28.89	-66.14	-13.00	53.14	Horizontal
2	5613	51.70	-47.67	32.65	-58.59	-13.00	45.59	Horizontal
3	7484.25	50.08	-46.17	36.37	-54.98	-13.00	41.98	Horizontal
4	10047.75	40.84	-41.78	38.83	-57.37	-13.00	44.37	Horizontal
5	13668	37.25	-38.32	39.80	-56.52	-13.00	43.52	Horizontal
6	17334.75	35.68	-37.29	40.81	-56.06	-13.00	43.06	Horizontal

1.4. Test Band = LTE Band 2_ TM1

1.4.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5211.75	48.60	-47.88	31.79	-62.74	-13.00	49.74	Vertical
2	5613	57.23	-47.67	32.65	-53.06	-13.00	40.06	Vertical
3	7484.25	48.16	-46.17	36.37	-56.90	-13.00	43.90	Vertical
4	11376	38.98	-40.17	39.46	-56.99	-13.00	43.99	Vertical
5	14743.5	36.23	-36.75	40.23	-55.56	-13.00	42.56	Vertical
6	17901	35.80	-36.44	44.21	-51.70	-13.00	38.70	Vertical

1.5. Test Band = LTE Band 2_ TM1
1.5.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.25	48.08	-48.24	28.95	-66.47	-13.00	53.47	Horizontal
2	5673	52.91	-47.55	32.67	-57.23	-13.00	44.23	Horizontal
3	7564.5	46.73	-45.14	36.39	-57.28	-13.00	44.28	Horizontal
4	9455.25	41.92	-42.67	38.04	-57.98	-13.00	44.98	Horizontal
5	11520.75	39.12	-40.00	39.45	-56.69	-13.00	43.69	Horizontal
6	13718.25	36.89	-38.16	39.88	-56.65	-13.00	43.65	Horizontal

1.6. Test Band = LTE Band 2_ TM1
1.6.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.25	48.84	-48.24	28.95	-65.71	-13.00	52.71	Vertical
2	5673	56.22	-47.55	32.67	-53.92	-13.00	40.92	Vertical
3	7564.5	43.95	-45.14	36.39	-60.06	-13.00	47.06	Vertical
4	11530.5	38.79	-39.97	39.45	-56.99	-13.00	43.99	Vertical
5	14739.75	36.21	-36.75	40.23	-55.57	-13.00	42.57	Vertical