

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	23.65	0.10	23.75	<=33.01	Pass
			5	23.59	0.10	23.69	<=33.01	Pass
		6	0	22.73	0.10	22.83	<=33.01	Pass
	1880	1	0	23.85	0.10	23.95	<=33.01	Pass
			5	23.89	0.10	23.99	<=33.01	Pass
		6	0	22.81	0.10	22.91	<=33.01	Pass
	1909.3	1	0	23.90	0.10	24.00	<=33.01	Pass
			5	23.83	0.10	23.93	<=33.01	Pass
		6	0	22.76	0.10	22.86	<=33.01	Pass
16QAM	1850.7	1	0	22.88	0.10	22.98	<=33.01	Pass
			5	22.82	0.10	22.92	<=33.01	Pass
		6	0	21.75	0.10	21.85	<=33.01	Pass
	1880	1	0	22.93	0.10	23.03	<=33.01	Pass
			5	23.05	0.10	23.15	<=33.01	Pass
		6	0	21.84	0.10	21.94	<=33.01	Pass
	1909.3	1	0	22.94	0.10	23.04	<=33.01	Pass
			5	23.04	0.10	23.14	<=33.01	Pass
		6	0	21.85	0.10	21.95	<=33.01	Pass
64QAM	1850.7	1	0	21.55	0.10	21.65	<=33.01	Pass
			5	21.52	0.10	21.62	<=33.01	Pass
		6	0	20.72	0.10	20.82	<=33.01	Pass
	1880	1	0	22.07	0.10	22.17	<=33.01	Pass
			5	21.87	0.10	21.97	<=33.01	Pass
		6	0	20.75	0.10	20.85	<=33.01	Pass
	1909.3	1	0	21.50	0.10	21.60	<=33.01	Pass
			5	21.97	0.10	22.07	<=33.01	Pass
		6	0	20.72	0.10	20.82	<=33.01	Pass
256QAM	1850.7	1	0	18.79	0.10	18.89	<=33.01	Pass
			5	18.98	0.10	19.08	<=33.01	Pass
		6	0	18.73	0.10	18.83	<=33.01	Pass
	1880	1	0	18.99	0.10	19.09	<=33.01	Pass
			5	19.02	0.10	19.12	<=33.01	Pass
		6	0	18.52	0.10	18.62	<=33.01	Pass
	1909.3	1	0	18.94	0.10	19.04	<=33.01	Pass
			5	19.00	0.10	19.10	<=33.01	Pass
		6	0	18.86	0.10	18.96	<=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	23.80	0.10	23.90	<=33.01	Pass
			14	23.89	0.10	23.99	<=33.01	Pass
		15	0	22.76	0.10	22.86	<=33.01	Pass
	1880	1	0	23.87	0.10	23.97	<=33.01	Pass

			14	23.86	0.10	23.96	<=33.01	Pass
		15	0	22.81	0.10	22.91	<=33.01	Pass
	1908.5	1	0	23.66	0.10	23.76	<=33.01	Pass
			14	23.58	0.10	23.68	<=33.01	Pass
	15	0	22.86	0.10	22.96	<=33.01	Pass	
16QAM	1851.5	1	0	22.93	0.10	23.03	<=33.01	Pass
			14	22.65	0.10	22.75	<=33.01	Pass
		15	0	21.78	0.10	21.88	<=33.01	Pass
	1880	1	0	22.38	0.10	22.48	<=33.01	Pass
			14	22.91	0.10	23.01	<=33.01	Pass
		15	0	21.83	0.10	21.93	<=33.01	Pass
	1908.5	1	0	22.83	0.10	22.93	<=33.01	Pass
			14	22.39	0.10	22.49	<=33.01	Pass
		15	0	21.81	0.10	21.91	<=33.01	Pass
	64QAM	1851.5	1	0	21.18	0.10	21.28	<=33.01
14				21.55	0.10	21.65	<=33.01	Pass
15			0	20.68	0.10	20.78	<=33.01	Pass
1880		1	0	21.53	0.10	21.63	<=33.01	Pass
			14	21.55	0.10	21.65	<=33.01	Pass
		15	0	20.83	0.10	20.93	<=33.01	Pass
1908.5		1	0	21.62	0.10	21.72	<=33.01	Pass
			14	21.58	0.10	21.68	<=33.01	Pass
		15	0	20.83	0.10	20.93	<=33.01	Pass
256QAM	1851.5	1	0	18.96	0.10	19.06	<=33.01	Pass
			14	18.93	0.10	19.03	<=33.01	Pass
		15	0	18.88	0.10	18.98	<=33.01	Pass
	1880	1	0	19.01	0.10	19.11	<=33.01	Pass
			14	19.00	0.10	19.10	<=33.01	Pass
		15	0	18.92	0.10	19.02	<=33.01	Pass
	1908.5	1	0	18.54	0.10	18.64	<=33.01	Pass
			14	19.03	0.10	19.13	<=33.01	Pass
15		0	18.88	0.10	18.98	<=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	23.89	0.10	23.99	<=33.01	Pass
			24	23.83	0.10	23.93	<=33.01	Pass
		25	0	22.89	0.10	22.99	<=33.01	Pass
	1880	1	0	23.90	0.10	24.00	<=33.01	Pass
			24	23.98	0.10	24.08	<=33.01	Pass
		25	0	22.94	0.10	23.04	<=33.01	Pass
	1907.5	1	0	23.93	0.10	24.03	<=33.01	Pass
			24	24.00	0.10	24.10	<=33.01	Pass
		25	0	22.93	0.10	23.03	<=33.01	Pass
16QAM	1852.5	1	0	23.01	0.10	23.11	<=33.01	Pass
			24	22.97	0.10	23.07	<=33.01	Pass
		25	0	21.87	0.10	21.97	<=33.01	Pass
	1880	1	0	23.07	0.10	23.17	<=33.01	Pass
			24	23.18	0.10	23.28	<=33.01	Pass
		25	0	21.95	0.10	22.05	<=33.01	Pass
	1907.5	1	0	23.05	0.10	23.15	<=33.01	Pass
			24	23.17	0.10	23.27	<=33.01	Pass
		25	0	21.94	0.10	22.04	<=33.01	Pass

64QAM	1852.5	1	0	21.95	0.10	22.05	<=33.01	Pass
			24	21.49	0.10	21.59	<=33.01	Pass
		25	0	20.85	0.10	20.95	<=33.01	Pass
	1880	1	0	22.09	0.10	22.19	<=33.01	Pass
			24	22.13	0.10	22.23	<=33.01	Pass
		25	0	20.94	0.10	21.04	<=33.01	Pass
	1907.5	1	0	22.08	0.10	22.18	<=33.01	Pass
			24	21.85	0.10	21.95	<=33.01	Pass
		25	0	20.92	0.10	21.02	<=33.01	Pass
256QAM	1852.5	1	0	18.87	0.10	18.97	<=33.01	Pass
			24	19.06	0.10	19.16	<=33.01	Pass
		25	0	18.93	0.10	19.03	<=33.01	Pass
	1880	1	0	19.00	0.10	19.10	<=33.01	Pass
			24	19.03	0.10	19.13	<=33.01	Pass
		25	0	18.99	0.10	19.09	<=33.01	Pass
	1907.5	1	0	19.07	0.10	19.17	<=33.01	Pass
			24	19.07	0.10	19.17	<=33.01	Pass
		25	0	18.96	0.10	19.06	<=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	23.97	0.10	24.07	<=33.01	Pass
			49	24.04	0.10	24.14	<=33.01	Pass
		50	0	22.90	0.10	23.00	<=33.01	Pass
	1880	1	0	24.03	0.10	24.13	<=33.01	Pass
			49	23.97	0.10	24.07	<=33.01	Pass
		50	0	22.94	0.10	23.04	<=33.01	Pass
	1905	1	0	23.92	0.10	24.02	<=33.01	Pass
			49	23.98	0.10	24.08	<=33.01	Pass
		50	0	22.89	0.10	22.99	<=33.01	Pass
16QAM	1855	1	0	22.96	0.10	23.06	<=33.01	Pass
			49	23.05	0.10	23.15	<=33.01	Pass
		50	0	21.88	0.10	21.98	<=33.01	Pass
	1880	1	0	23.05	0.10	23.15	<=33.01	Pass
			49	23.17	0.10	23.27	<=33.01	Pass
		50	0	21.95	0.10	22.05	<=33.01	Pass
	1905	1	0	23.22	0.10	23.32	<=33.01	Pass
			49	23.11	0.10	23.21	<=33.01	Pass
		50	0	21.95	0.10	22.05	<=33.01	Pass
64QAM	1855	1	0	22.08	0.10	22.18	<=33.01	Pass
			49	21.55	0.10	21.65	<=33.01	Pass
		50	0	20.84	0.10	20.94	<=33.01	Pass
	1880	1	0	21.99	0.10	22.09	<=33.01	Pass
			49	22.12	0.10	22.22	<=33.01	Pass
		50	0	20.96	0.10	21.06	<=33.01	Pass
	1905	1	0	21.57	0.10	21.67	<=33.01	Pass
			49	21.98	0.10	22.08	<=33.01	Pass
		50	0	20.93	0.10	21.03	<=33.01	Pass
256QAM	1855	1	0	19.07	0.10	19.17	<=33.01	Pass
			49	19.09	0.10	19.19	<=33.01	Pass
		50	0	18.86	0.10	18.96	<=33.01	Pass
	1880	1	0	19.04	0.10	19.14	<=33.01	Pass

	1905	50	0	18.92	0.10	19.02	<=33.01	Pass
		1	0	19.13	0.10	19.23	<=33.01	Pass
			49	18.77	0.10	18.87	<=33.01	Pass
		50	0	19.02	0.10	19.12	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.86	0.10	23.96	<=33.01	Pass
			74	24.04	0.10	24.14	<=33.01	Pass
		75	0	22.90	0.10	23.00	<=33.01	Pass
	1880	1	0	23.78	0.10	23.88	<=33.01	Pass
			74	23.82	0.10	23.92	<=33.01	Pass
		75	0	22.94	0.10	23.04	<=33.01	Pass
	1902.5	1	0	23.75	0.10	23.85	<=33.01	Pass
			74	23.73	0.10	23.83	<=33.01	Pass
		75	0	22.97	0.10	23.07	<=33.01	Pass
16QAM	1857.5	1	0	22.96	0.10	23.06	<=33.01	Pass
			74	23.11	0.10	23.21	<=33.01	Pass
		75	0	21.91	0.10	22.01	<=33.01	Pass
	1880	1	0	23.05	0.10	23.15	<=33.01	Pass
			74	23.11	0.10	23.21	<=33.01	Pass
		75	0	21.96	0.10	22.06	<=33.01	Pass
	1902.5	1	0	22.88	0.10	22.98	<=33.01	Pass
			74	23.18	0.10	23.28	<=33.01	Pass
		75	0	21.97	0.10	22.07	<=33.01	Pass
64QAM	1857.5	1	0	21.33	0.10	21.43	<=33.01	Pass
			74	22.06	0.10	22.16	<=33.01	Pass
		75	0	20.90	0.10	21.00	<=33.01	Pass
	1880	1	0	22.10	0.10	22.20	<=33.01	Pass
			74	22.09	0.10	22.19	<=33.01	Pass
		75	0	20.95	0.10	21.05	<=33.01	Pass
	1902.5	1	0	22.14	0.10	22.24	<=33.01	Pass
			74	21.96	0.10	22.06	<=33.01	Pass
		75	0	20.97	0.10	21.07	<=33.01	Pass
256QAM	1857.5	1	0	18.97	0.10	19.07	<=33.01	Pass
			74	19.12	0.10	19.22	<=33.01	Pass
		75	0	18.92	0.10	19.02	<=33.01	Pass
	1880	1	0	19.19	0.10	19.29	<=33.01	Pass
			74	19.08	0.10	19.18	<=33.01	Pass
		75	0	18.96	0.10	19.06	<=33.01	Pass
	1902.5	1	0	18.99	0.10	19.09	<=33.01	Pass
			74	19.20	0.10	19.30	<=33.01	Pass
		75	0	19.06	0.10	19.16	<=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	23.87	0.10	23.97	<=33.01	Pass
			99	24.02	0.10	24.12	<=33.01	Pass

	1880	100	0	22.90	0.10	23.00	<=33.01	Pass
		1	0	23.91	0.10	24.01	<=33.01	Pass
			99	23.93	0.10	24.03	<=33.01	Pass
		100	0	22.99	0.10	23.09	<=33.01	Pass
	1900	1	0	24.06	0.10	24.16	<=33.01	Pass
			99	23.98	0.10	24.08	<=33.01	Pass
		100	0	23.03	0.10	23.13	<=33.01	Pass
16QAM	1860	1	0	22.80	0.10	22.90	<=33.01	Pass
			99	23.03	0.10	23.13	<=33.01	Pass
		100	0	21.91	0.10	22.01	<=33.01	Pass
	1880	1	0	22.99	0.10	23.09	<=33.01	Pass
			99	23.14	0.10	23.24	<=33.01	Pass
		100	0	21.94	0.10	22.04	<=33.01	Pass
	1900	1	0	22.98	0.10	23.08	<=33.01	Pass
			99	23.04	0.10	23.14	<=33.01	Pass
		100	0	21.99	0.10	22.09	<=33.01	Pass
64QAM	1860	1	0	21.88	0.10	21.98	<=33.01	Pass
			99	22.00	0.10	22.10	<=33.01	Pass
		100	0	20.92	0.10	21.02	<=33.01	Pass
	1880	1	0	22.06	0.10	22.16	<=33.01	Pass
			99	21.60	0.10	21.70	<=33.01	Pass
		100	0	20.98	0.10	21.08	<=33.01	Pass
	1900	1	0	22.22	0.10	22.32	<=33.01	Pass
			99	22.18	0.10	22.28	<=33.01	Pass
		100	0	20.99	0.10	21.09	<=33.01	Pass
256QAM	1860	1	0	18.81	0.10	18.91	<=33.01	Pass
			99	19.07	0.10	19.17	<=33.01	Pass
		100	0	18.98	0.10	19.08	<=33.01	Pass
	1880	1	0	19.07	0.10	19.17	<=33.01	Pass
			99	19.09	0.10	19.19	<=33.01	Pass
		100	0	18.94	0.10	19.04	<=33.01	Pass
	1900	1	0	19.14	0.10	19.24	<=33.01	Pass
			99	19.21	0.10	19.31	<=33.01	Pass
		100	0	19.08	0.10	19.18	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	LV	-5.700	-0.0030	-2.5 to 2.5	Pass
					NV	-4.300	-0.0023	-2.5 to 2.5	Pass
					HV	-3.800	-0.0020	-2.5 to 2.5	Pass
				-30	NV	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-6.000	-0.0032	-2.5 to 2.5	Pass
				-10	NV	-5.700	-0.0030	-2.5 to 2.5	Pass
				0	NV	-3.200	-0.0017	-2.5 to 2.5	Pass
				10	NV	-3.600	-0.0019	-2.5 to 2.5	Pass
				30	NV	-4.400	-0.0023	-2.5 to 2.5	Pass
				40	NV	-5.200	-0.0028	-2.5 to 2.5	Pass
				50	NV	-0.600	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

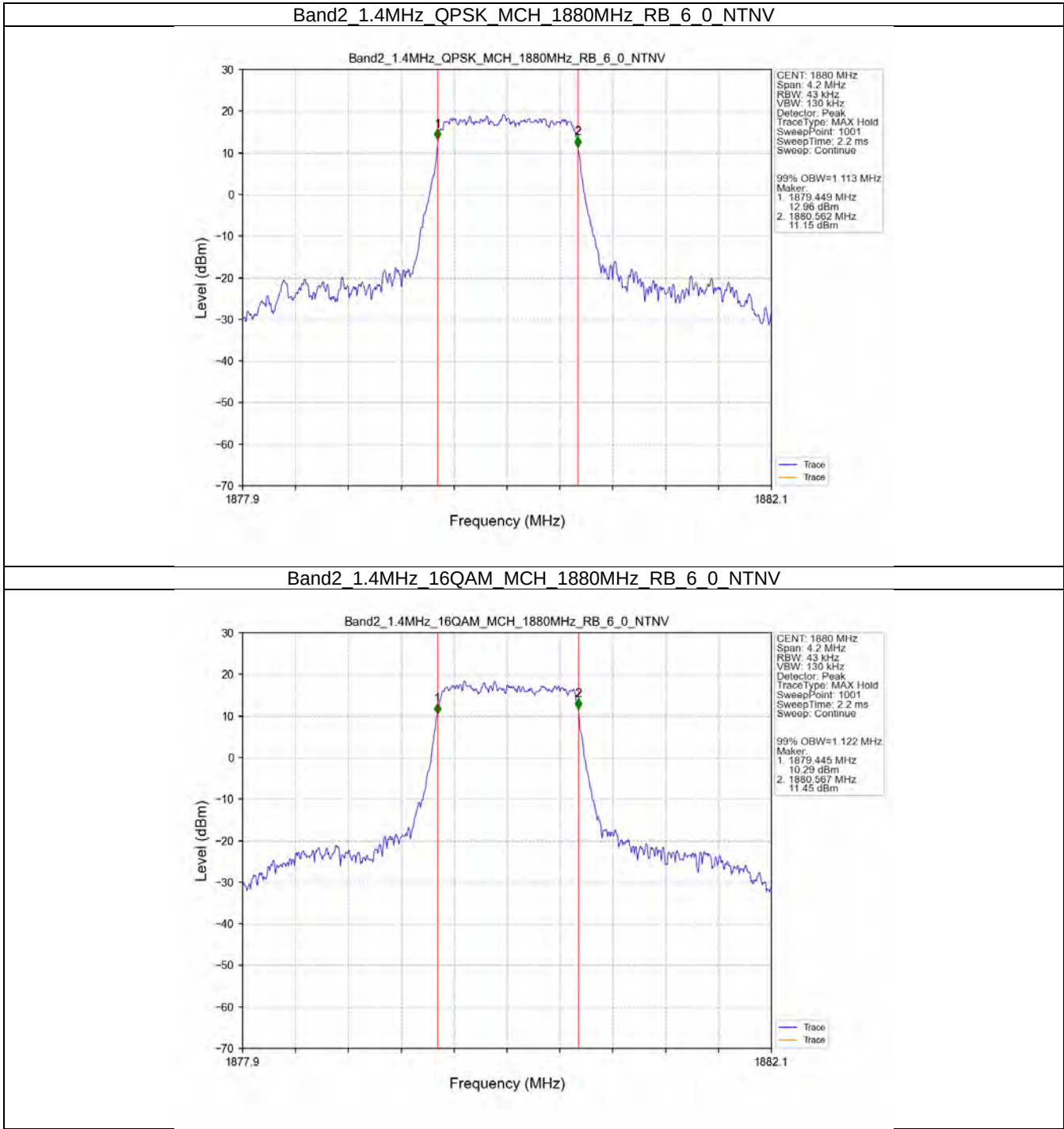
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.113	/	Pass
	16QAM	1880	6	0	1.122	/	Pass
3	QPSK	1880	15	0	2.737	/	Pass
	16QAM	1880	15	0	2.719	/	Pass
5	QPSK	1880	25	0	4.545	/	Pass
	16QAM	1880	25	0	4.525	/	Pass
10	QPSK	1880	50	0	9.059	/	Pass
	16QAM	1880	50	0	9.022	/	Pass
15	QPSK	1880	75	0	13.577	/	Pass
	16QAM	1880	75	0	13.590	/	Pass
20	QPSK	1880	100	0	18.125	/	Pass
	16QAM	1880	100	0	18.097	/	Pass

3.1.2 Band2_XDB

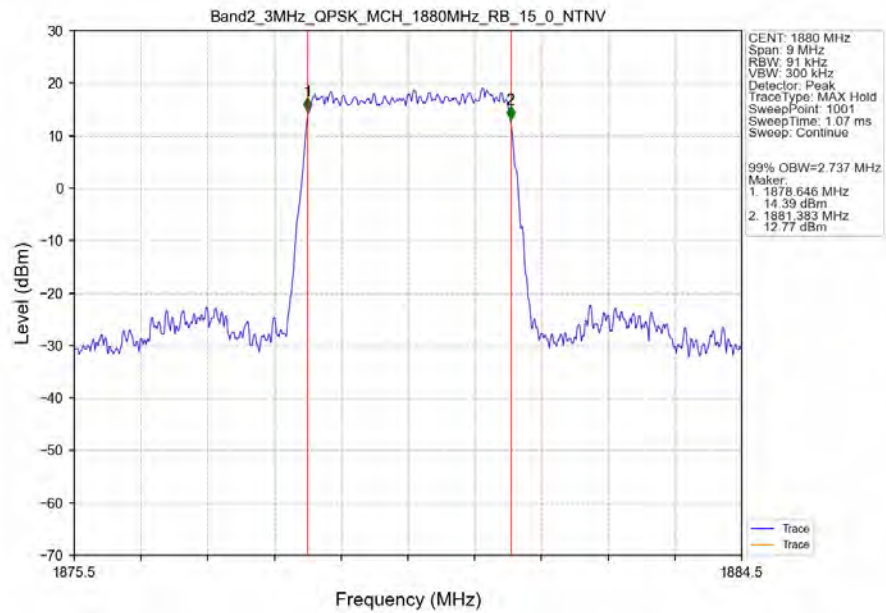
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.330	/	Pass
	16QAM	1880	6	0	1.314	/	Pass
3	QPSK	1880	15	0	3.018	/	Pass
	16QAM	1880	15	0	3.030	/	Pass
5	QPSK	1880	25	0	5.025	/	Pass
	16QAM	1880	25	0	5.028	/	Pass
10	QPSK	1880	50	0	9.882	/	Pass
	16QAM	1880	50	0	9.945	/	Pass
15	QPSK	1880	75	0	14.899	/	Pass
	16QAM	1880	75	0	14.930	/	Pass
20	QPSK	1880	100	0	19.829	/	Pass
	16QAM	1880	100	0	19.861	/	Pass

3.2 Test Graph

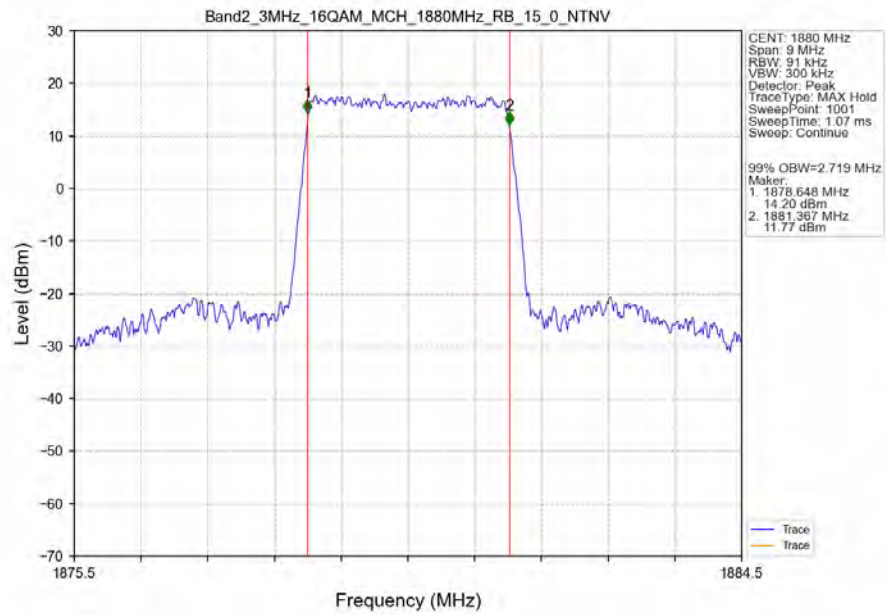
3.2.1 Band2_OBW



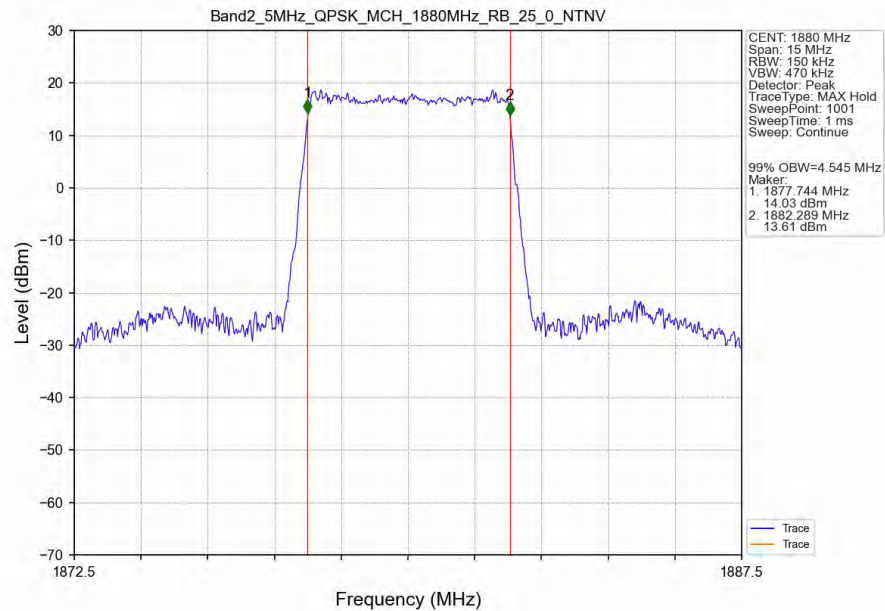
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



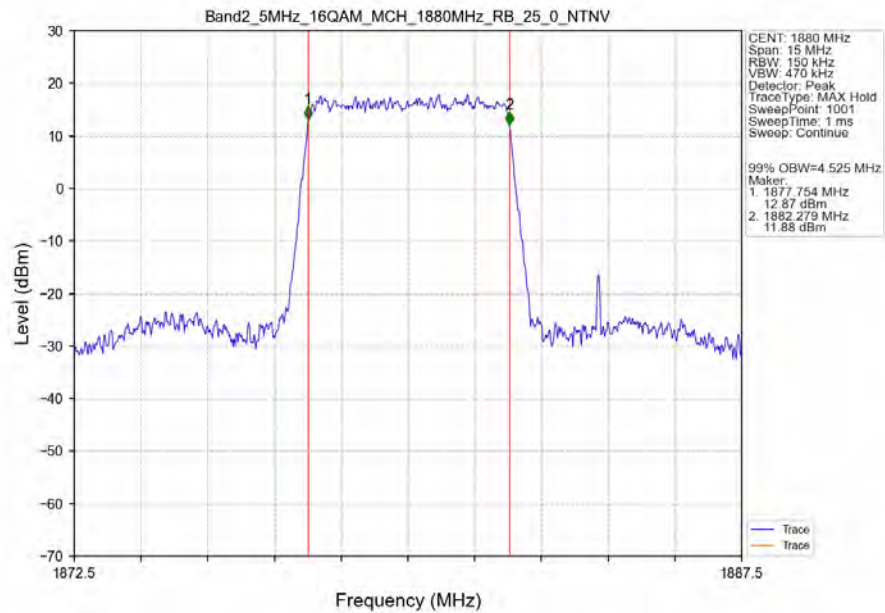
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



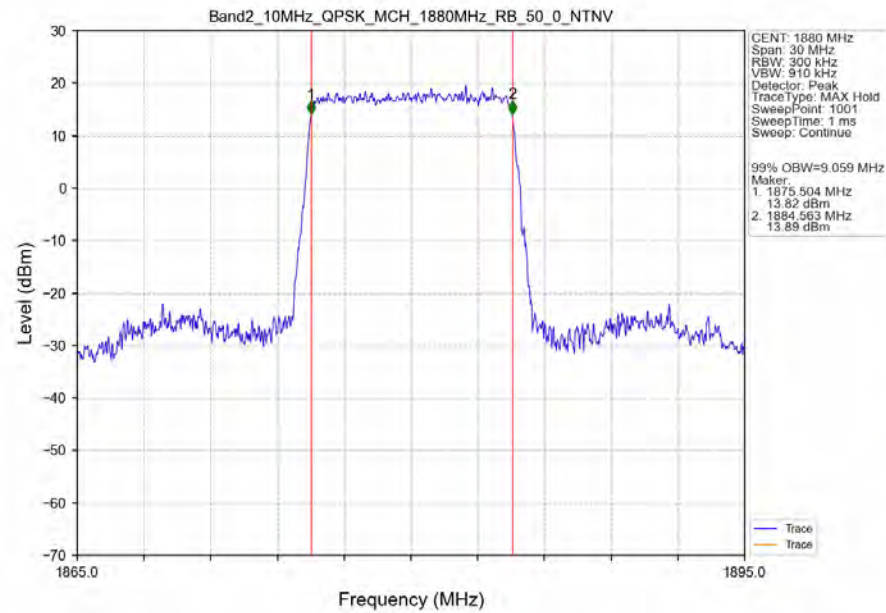
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



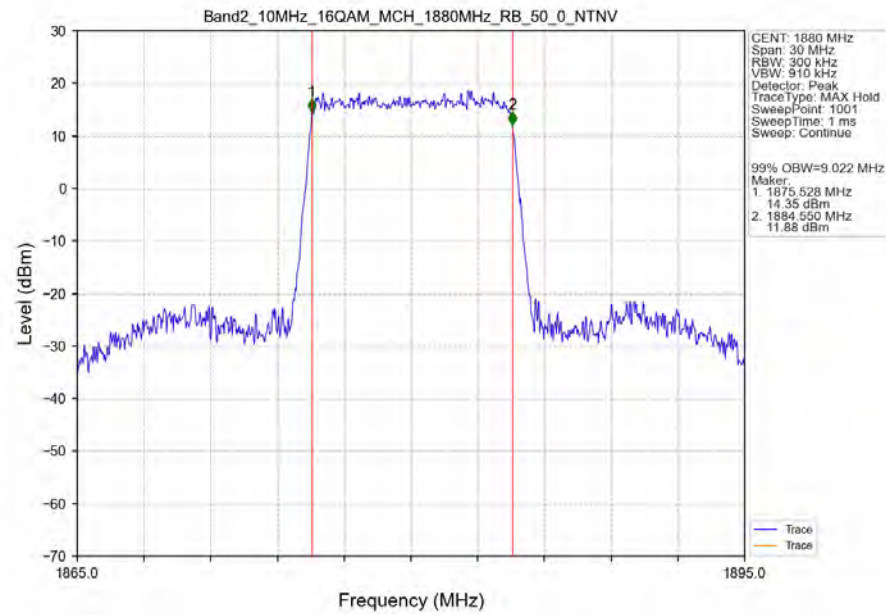
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



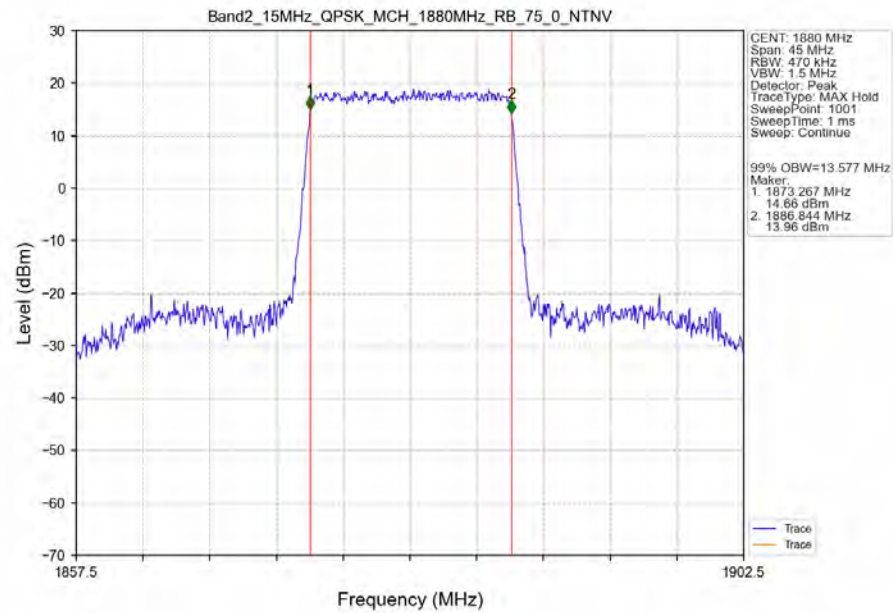
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



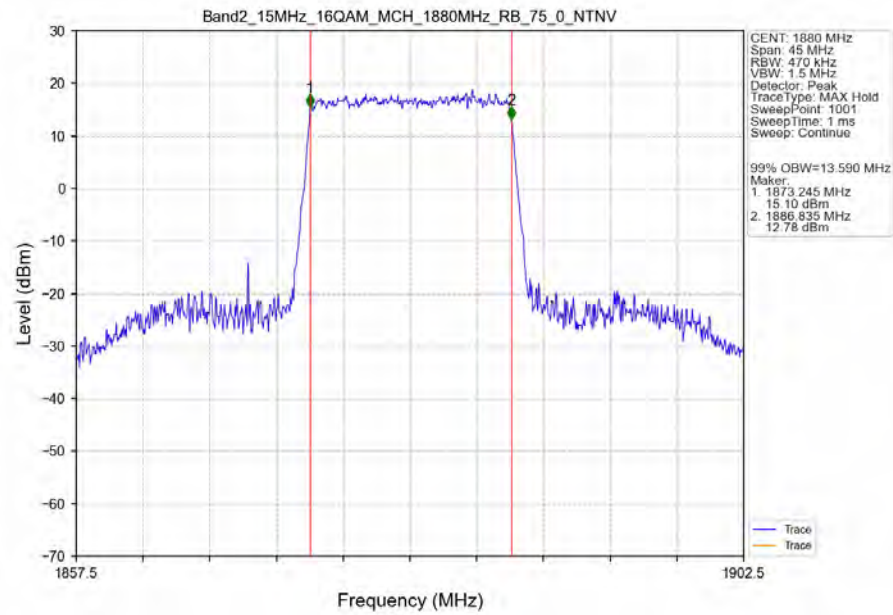
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



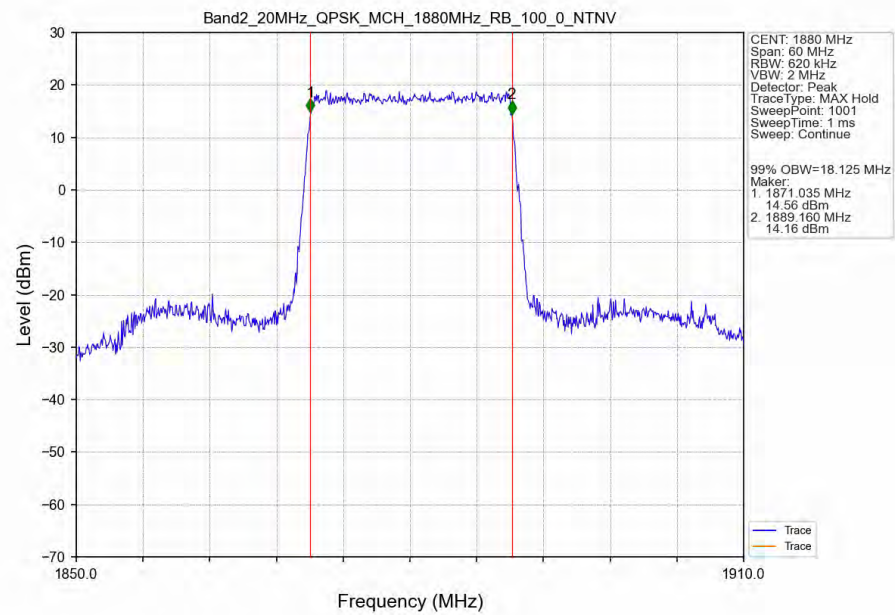
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



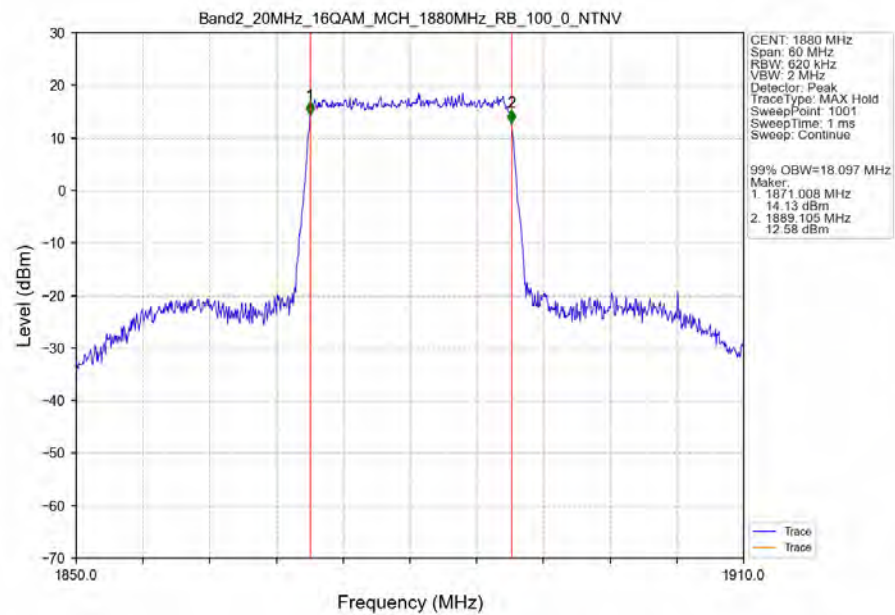
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



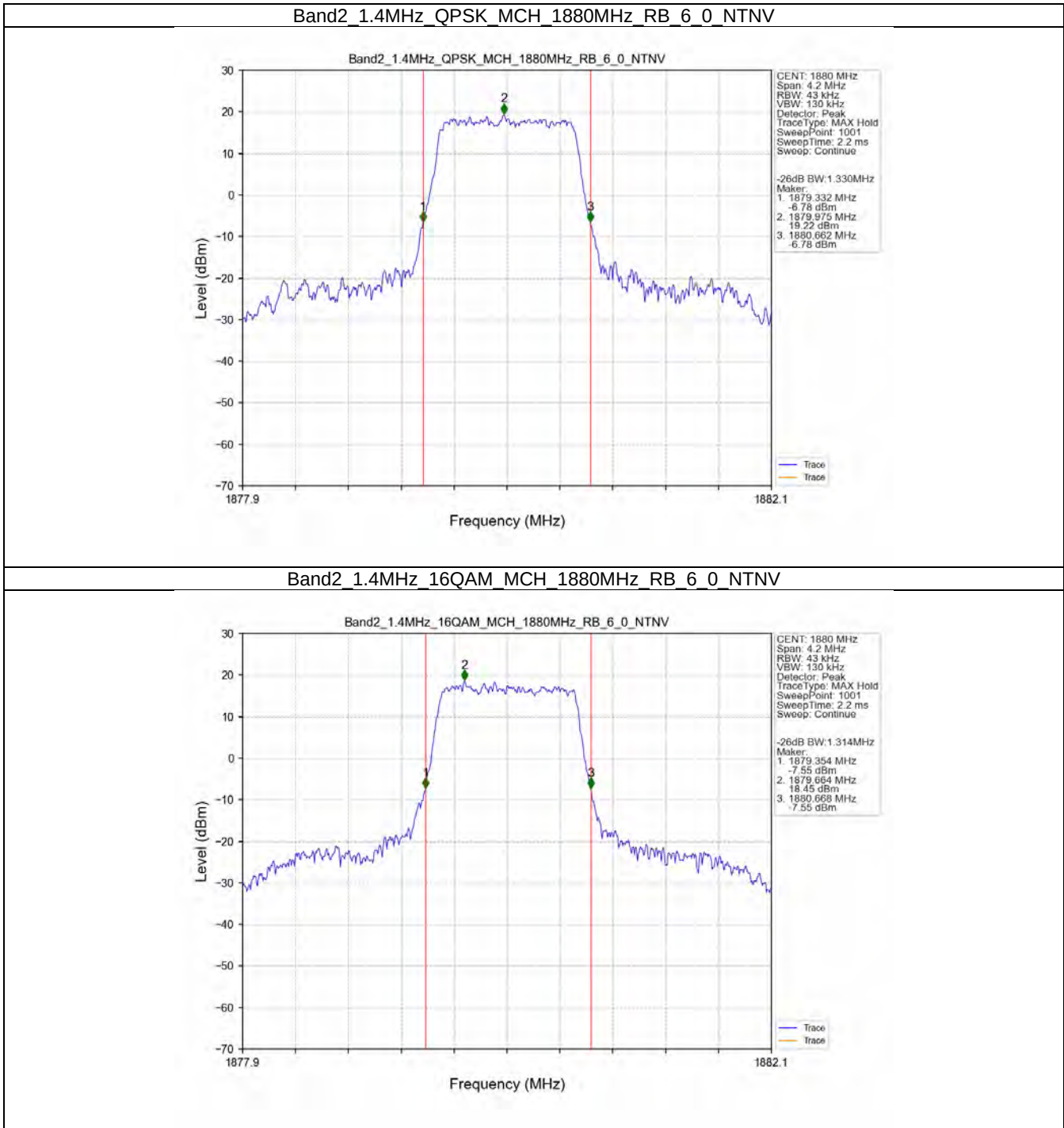
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



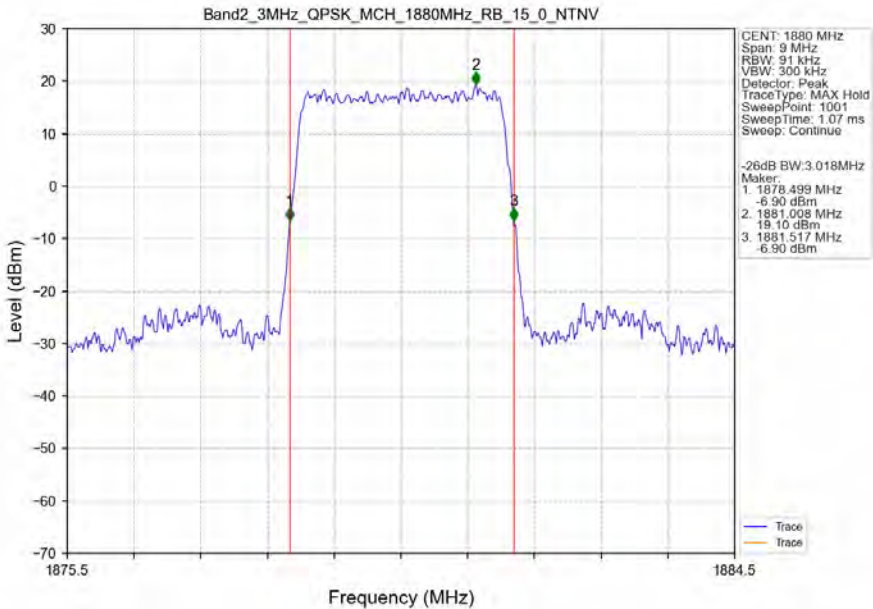
Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



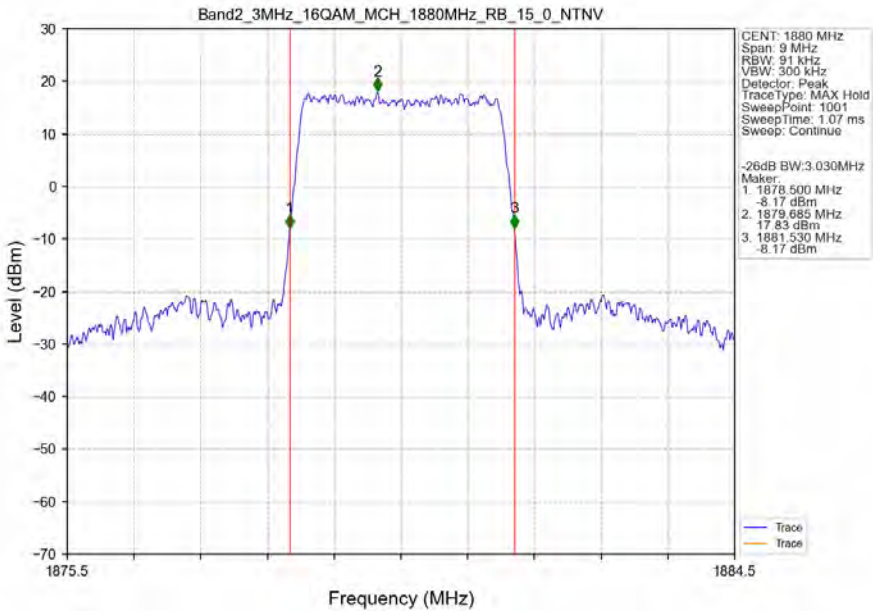
3.2.2 Band2_XDB



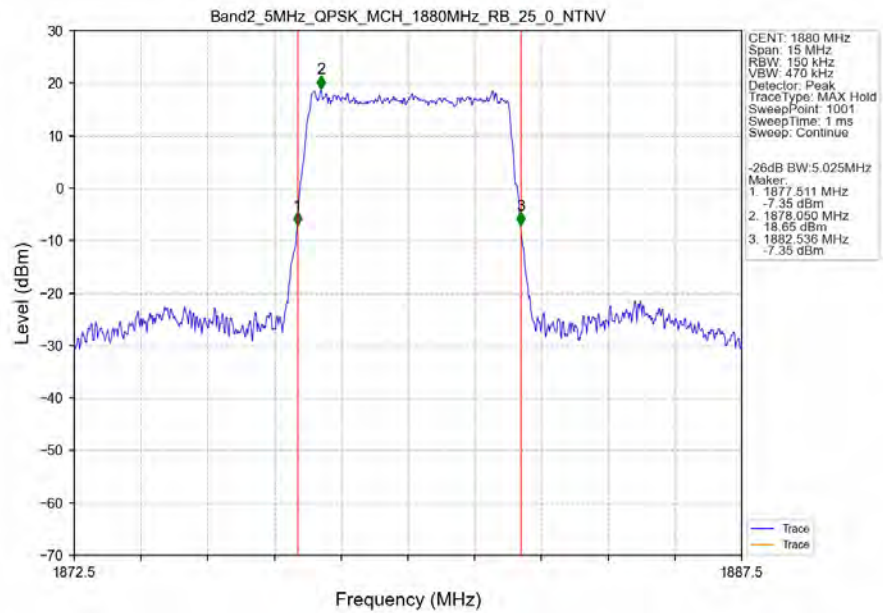
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



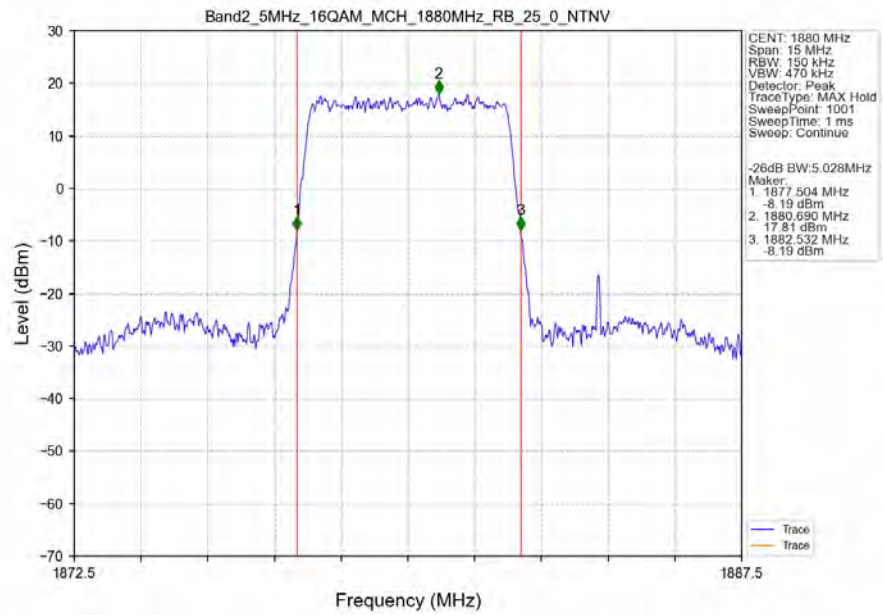
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



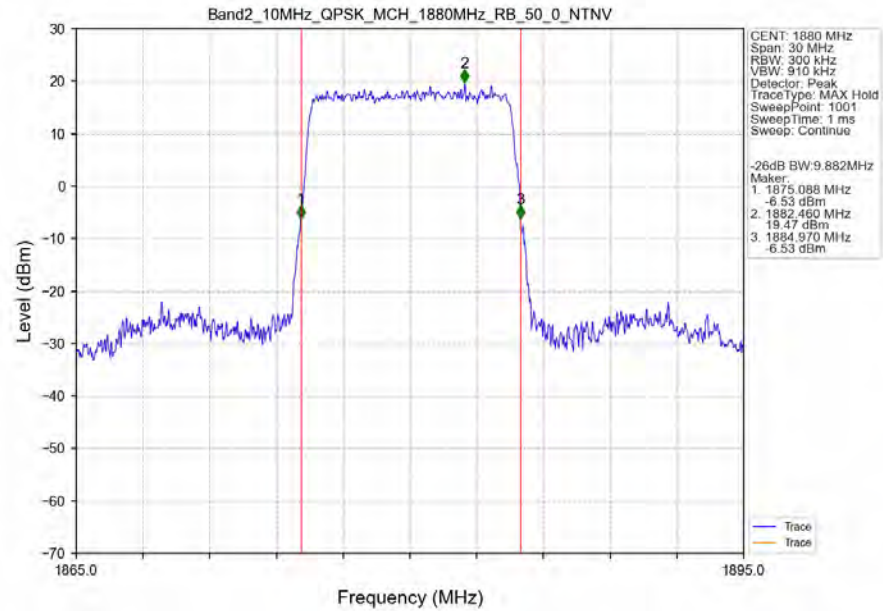
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



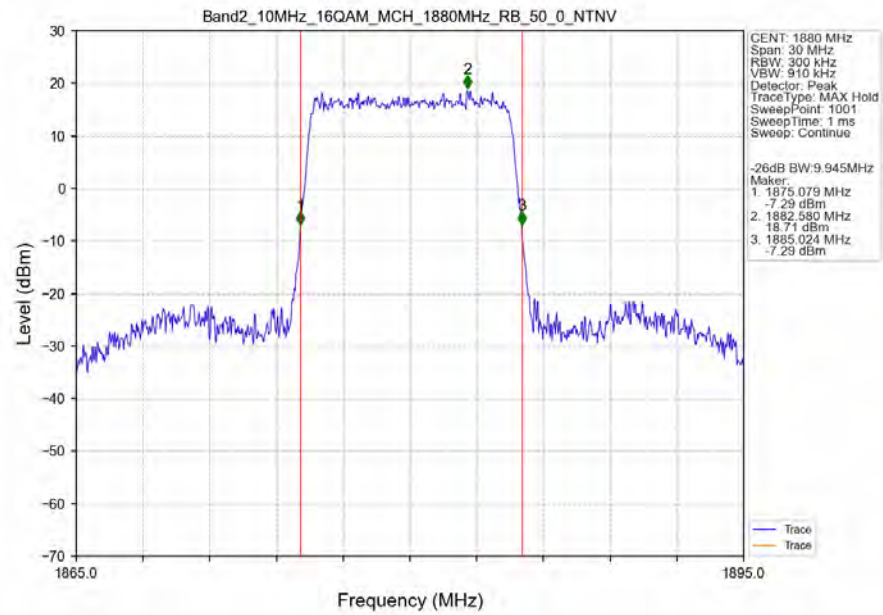
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



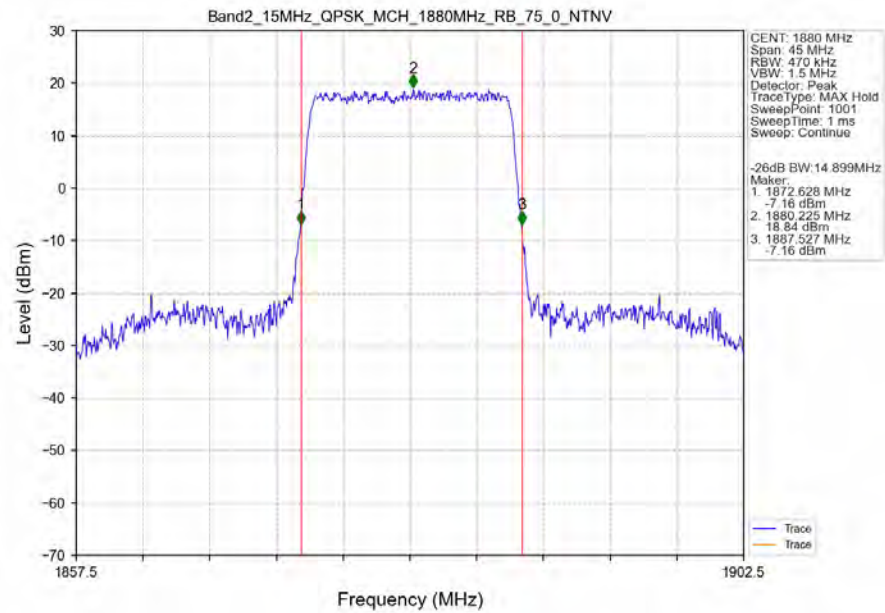
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



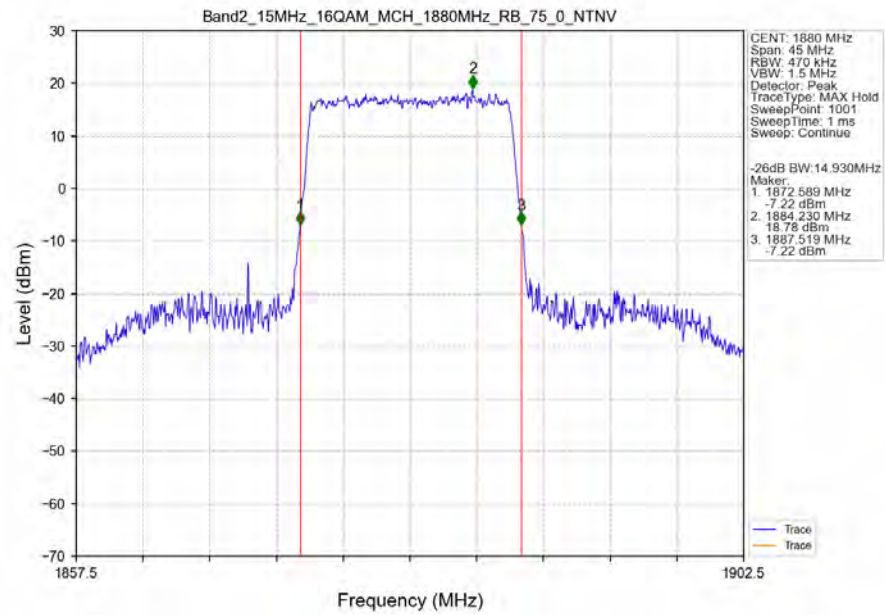
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTN



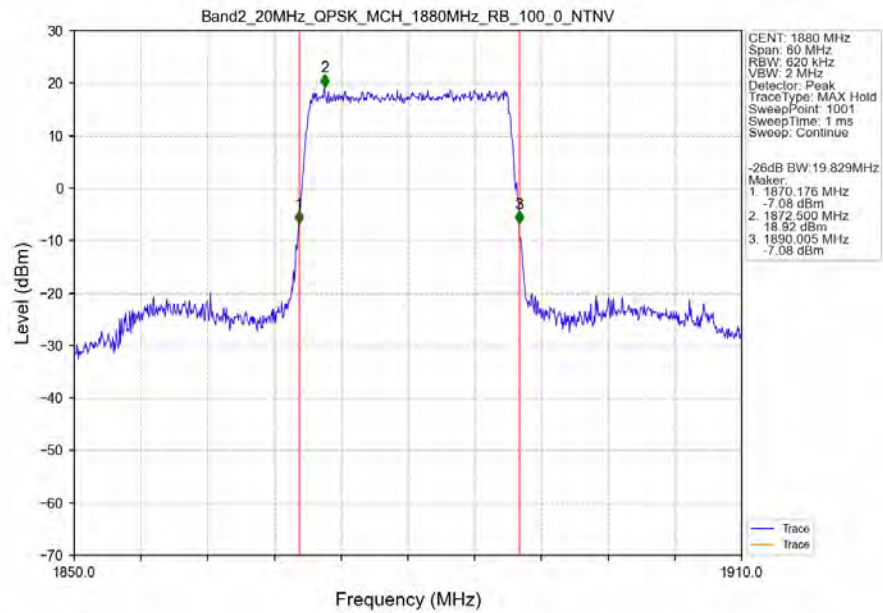
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTN



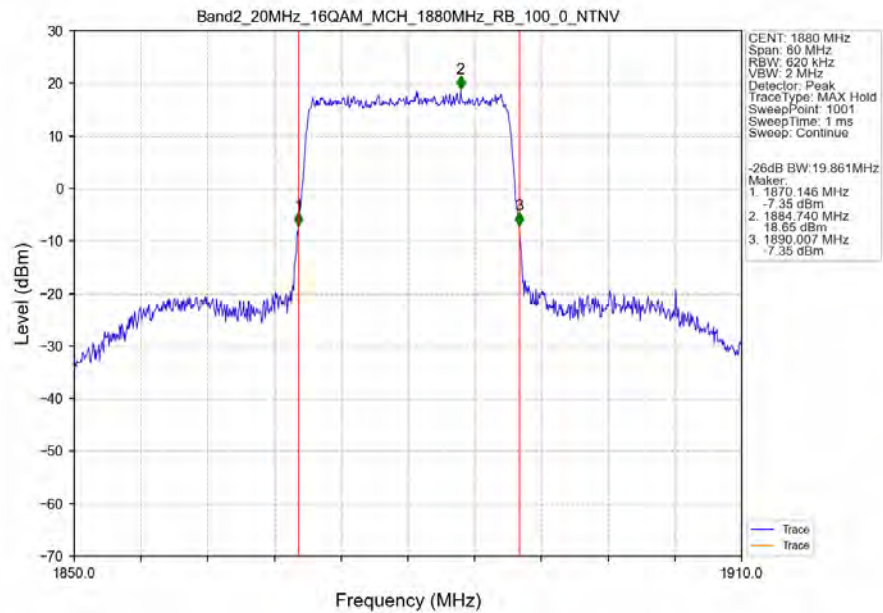
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTN



Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

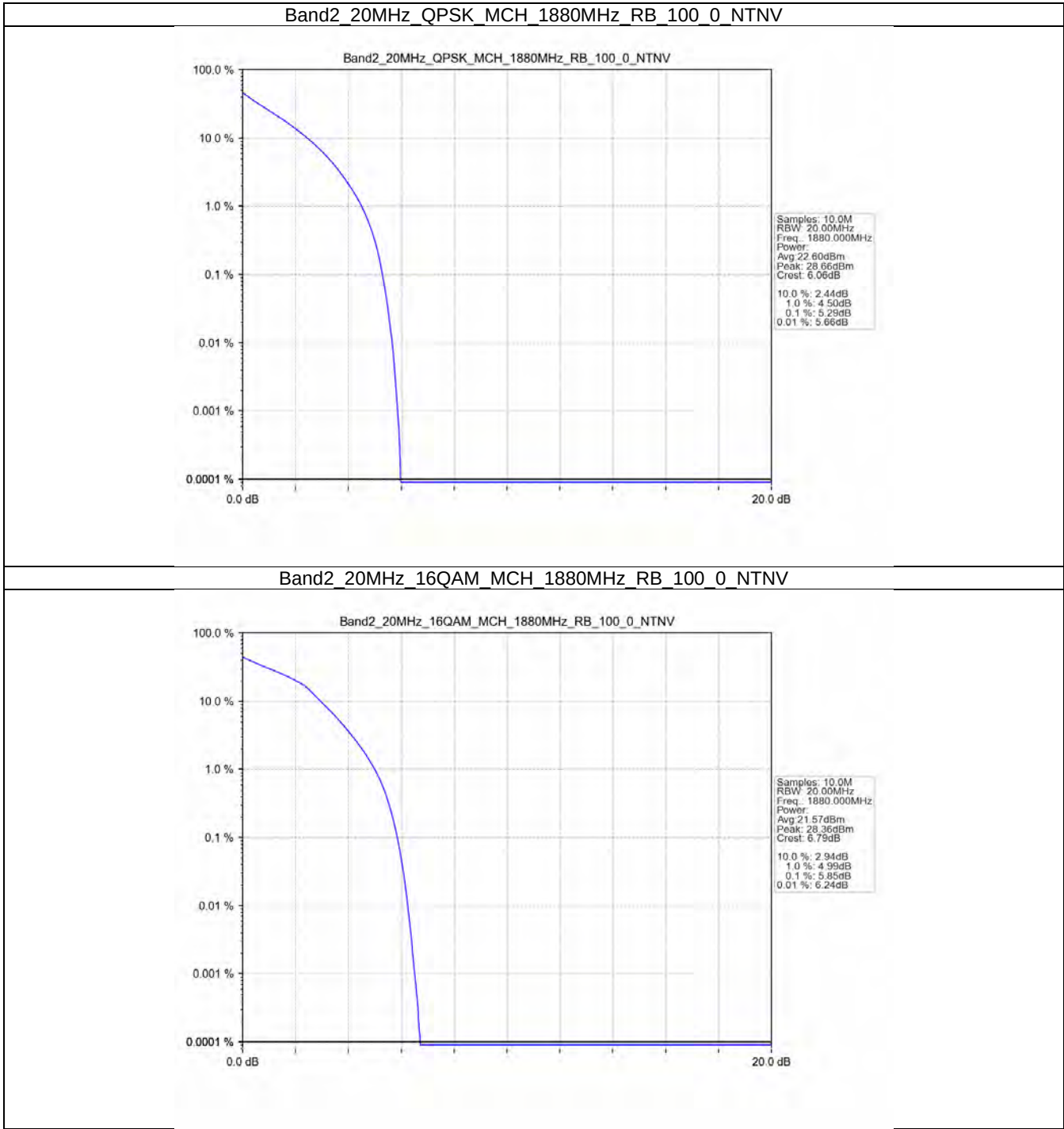
4.1 Test Result

4.1.1 B2_20MHz

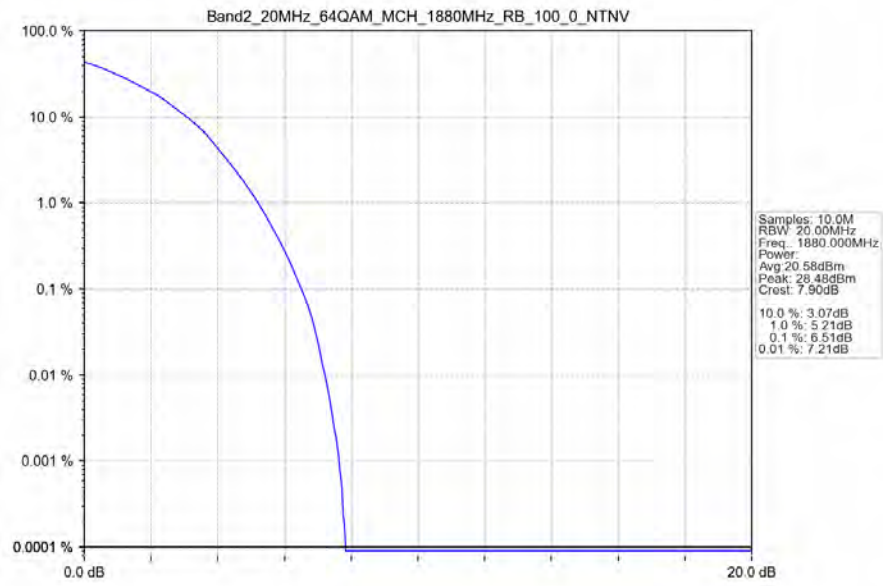
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	5.29	<=13	Pass
16QAM	1880	100	0	5.85	<=13	Pass
64QAM	1880	100	0	6.51	<=13	Pass
256QAM	1880	100	0	6.49	<=13	Pass

4.2 Test Graph

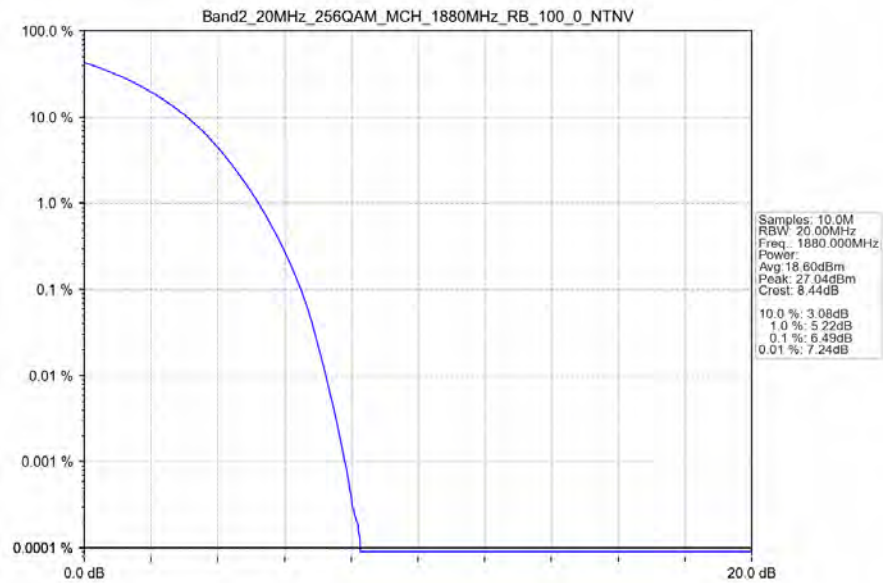
4.2.1 B2_20MHz



Band2 20MHz 64QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 256QAM MCH 1880MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 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 / NTNV						
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

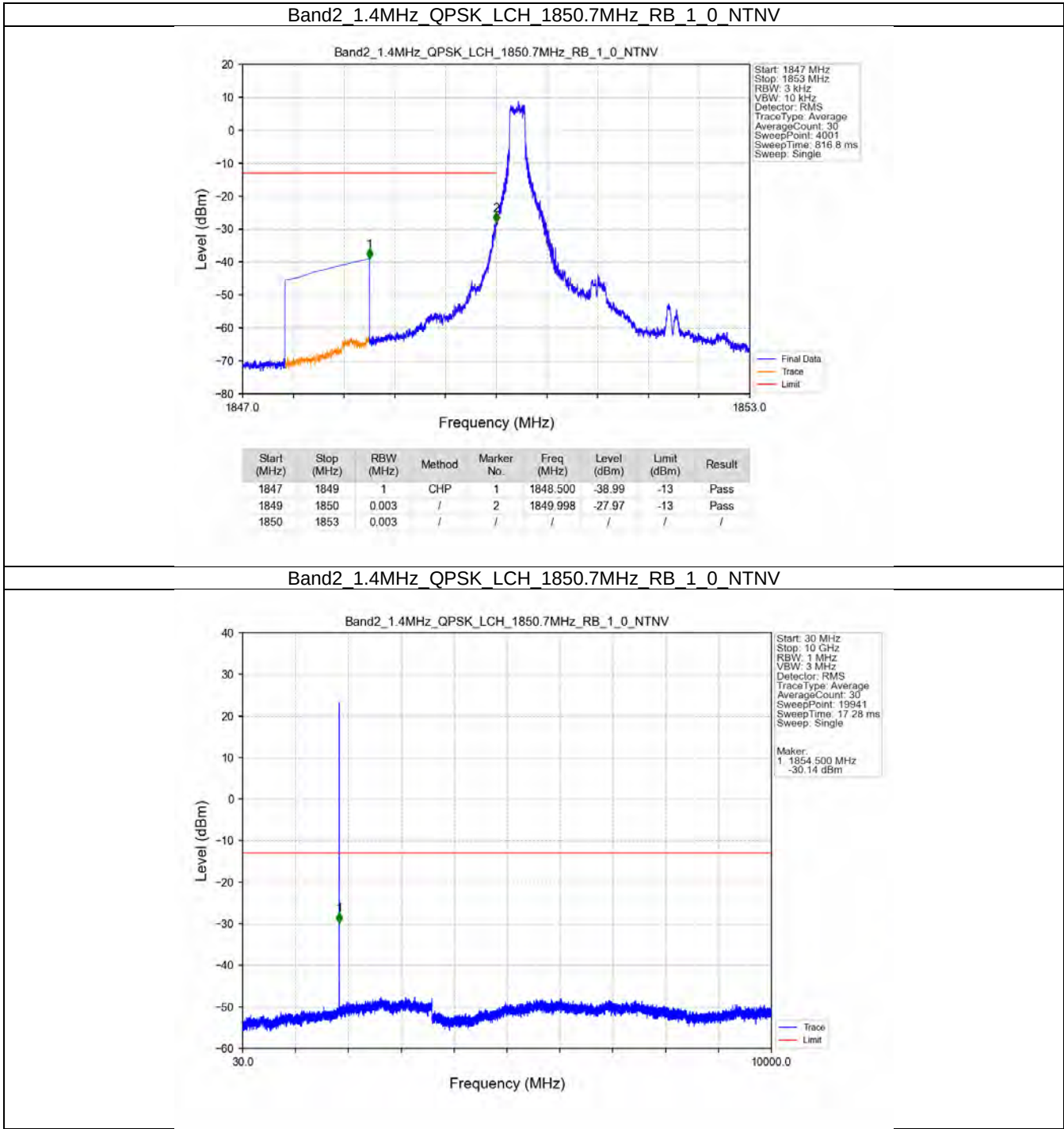
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.6 B2_20MHz

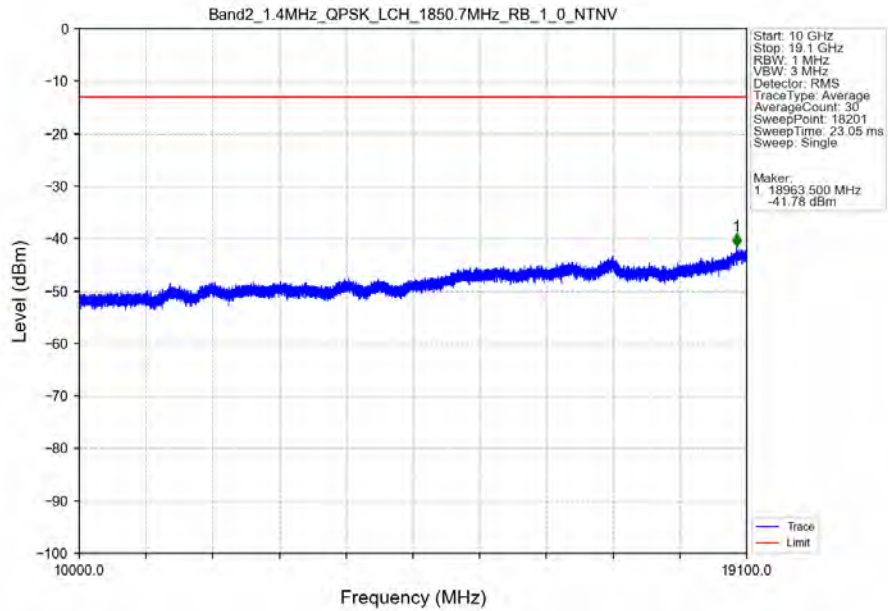
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

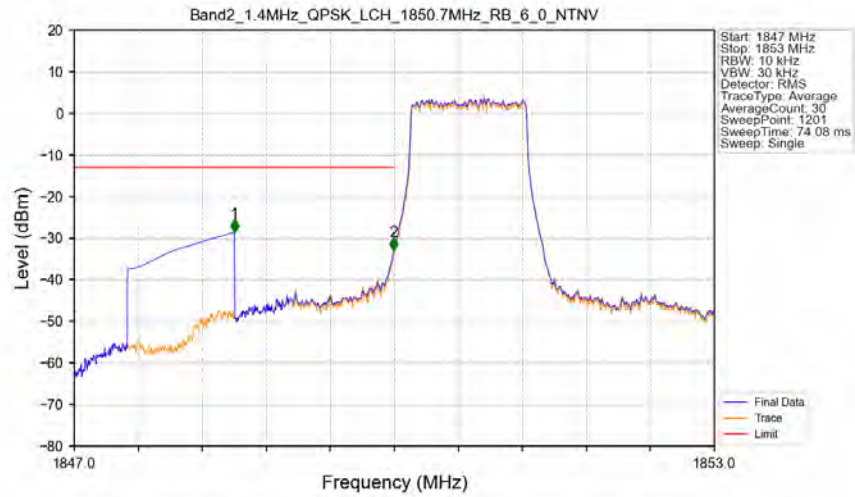
5.2.1 B2_1.4MHz



Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV

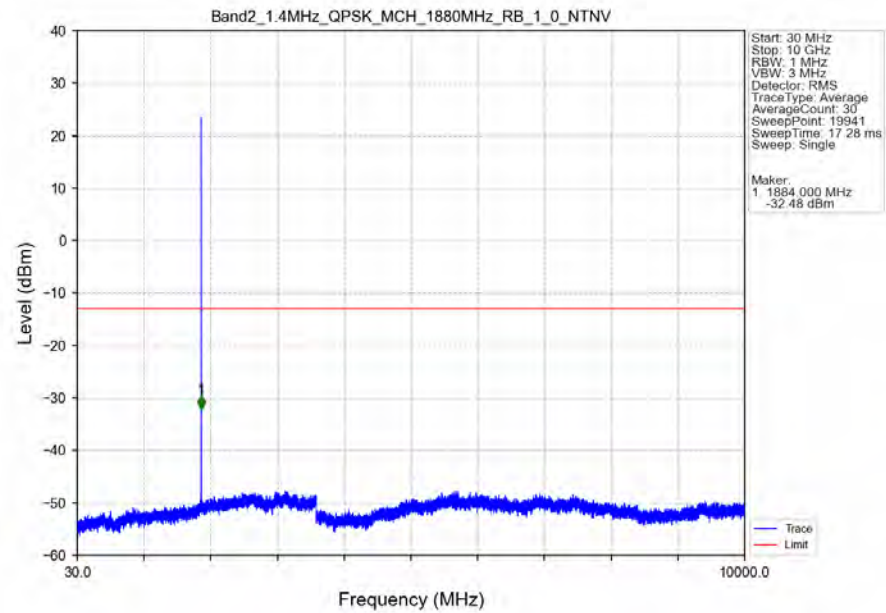


Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV

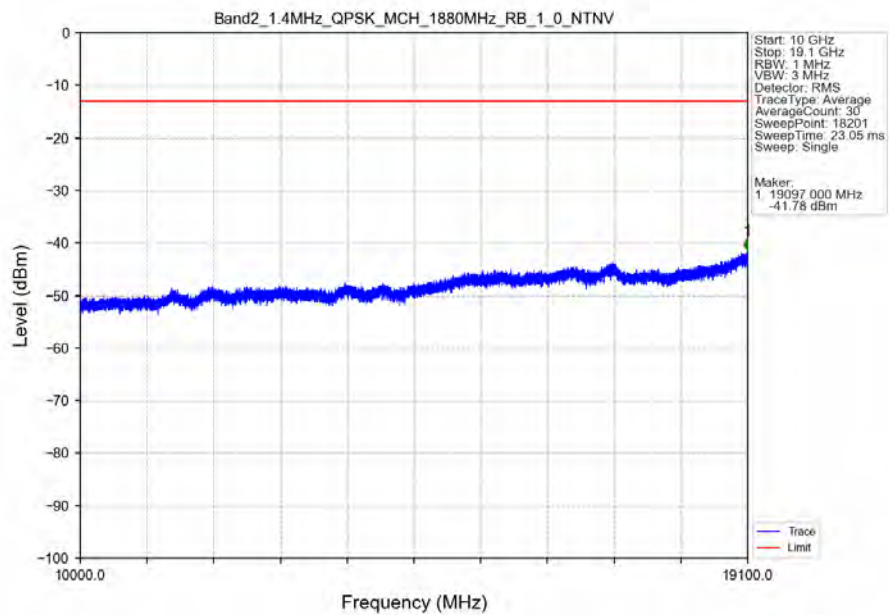


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-28.58	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-33.02	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

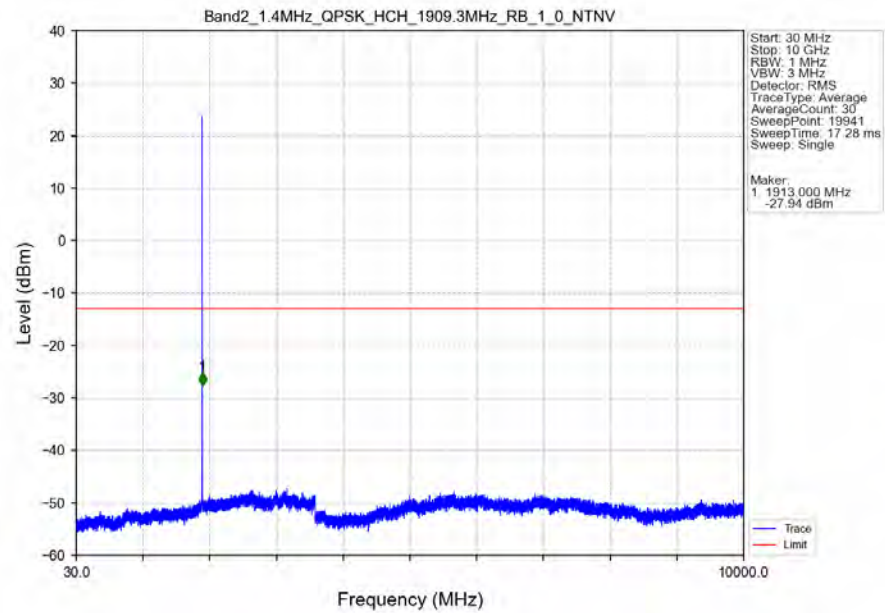
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



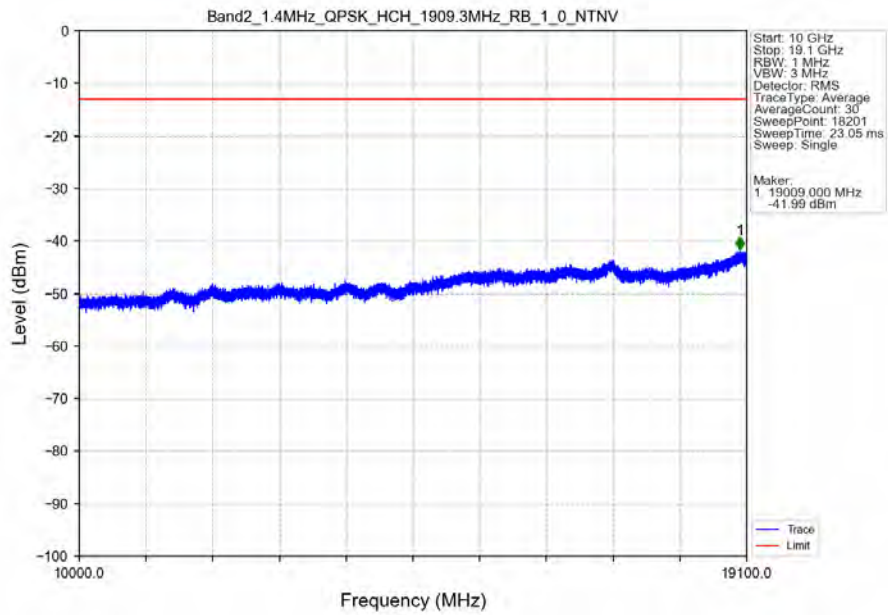
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



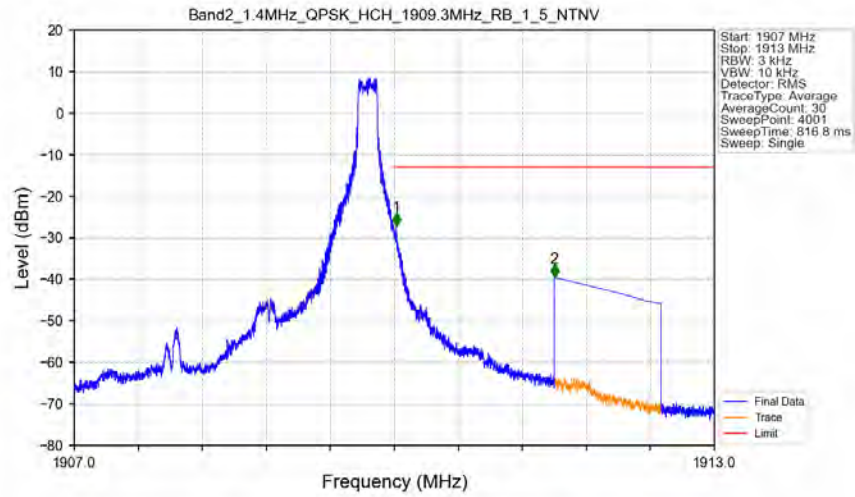
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV

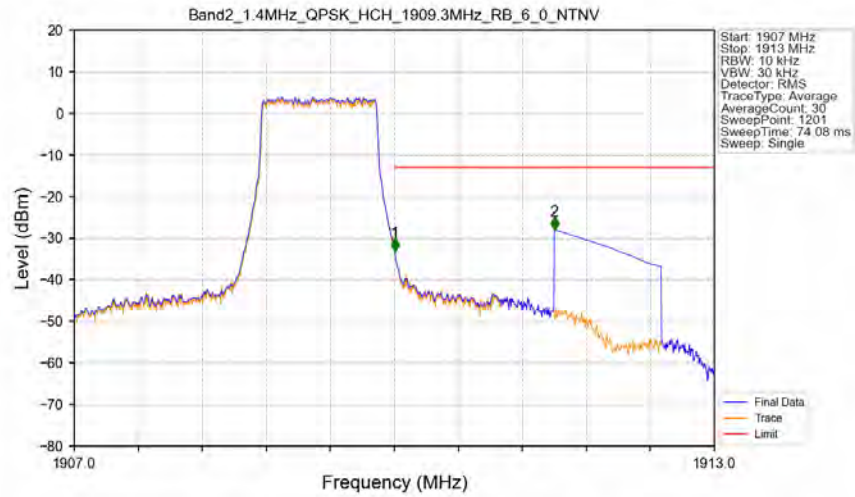


Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5 NTV



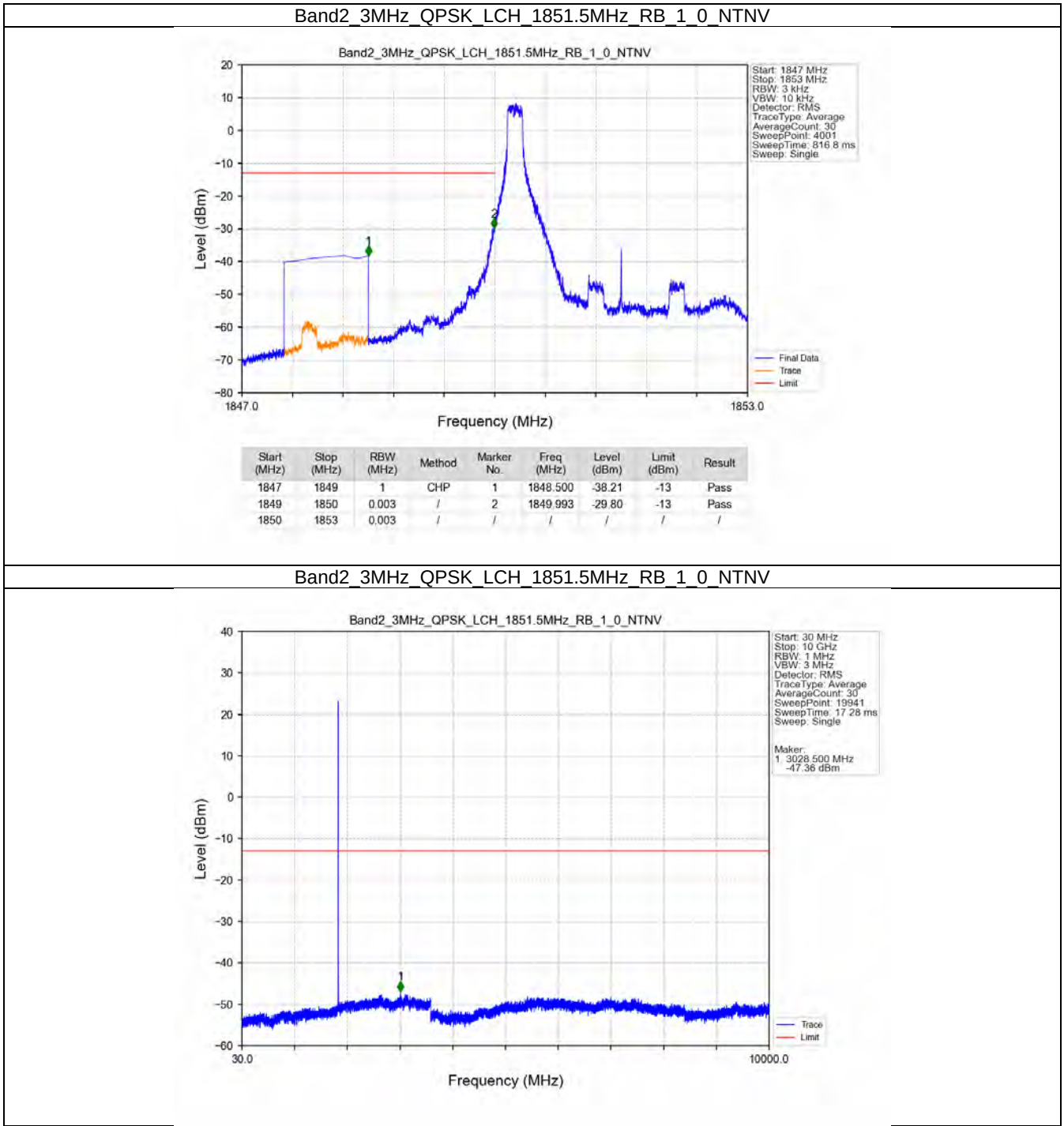
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.018	-27.19	-13	Pass
1911	1913	1	CHP	2	1911.500	-39.50	-13	Pass

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV

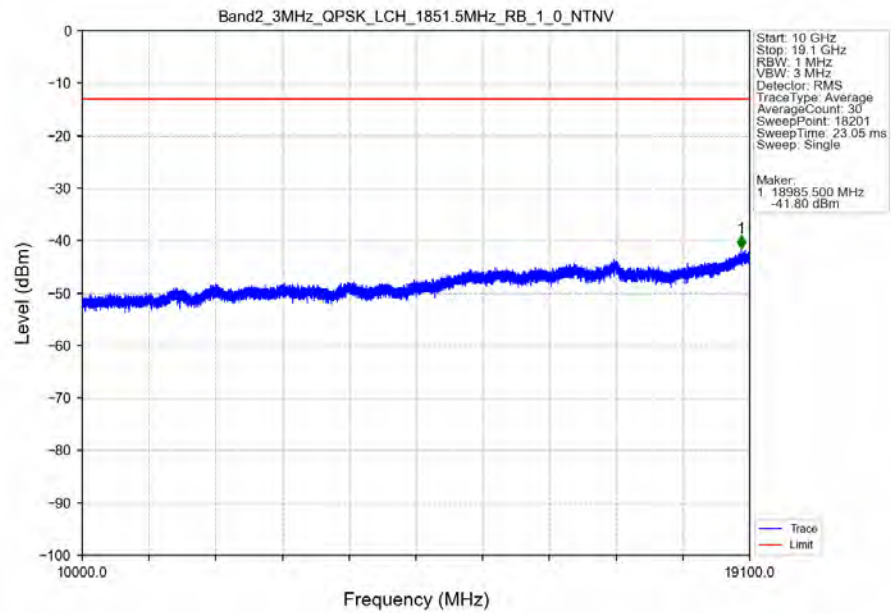


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.013	CHP	/	/	/	/	/
1910	1911	0.013	CHP	1	1910.005	-33.21	-13	Pass
1911	1913	1	CHP	2	1911.500	-28.00	-13	Pass

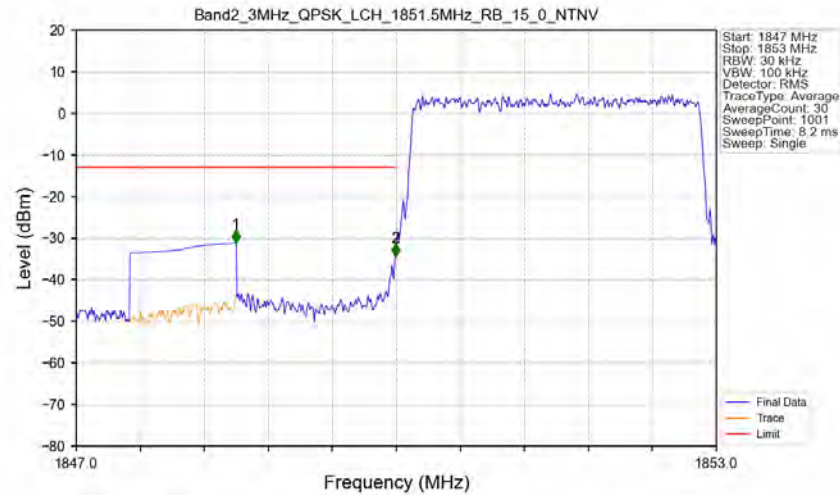
5.2.2 B2_3MHz



Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV

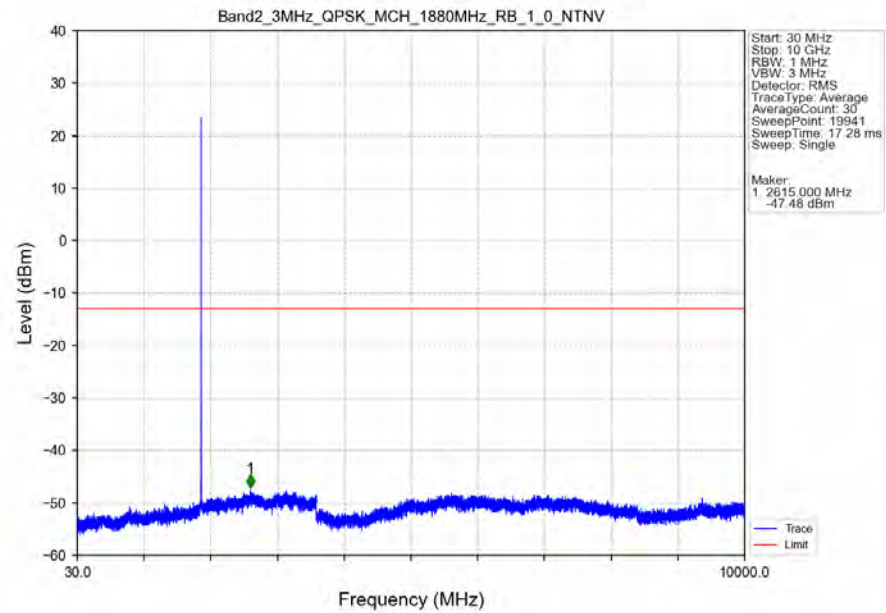


Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV

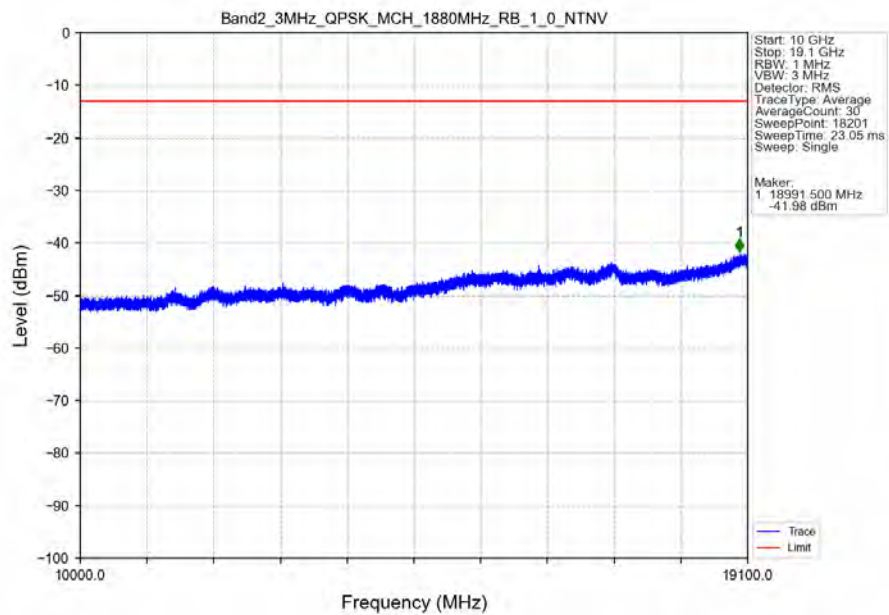


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-31.18	-13	Pass
1849	1850	0.03	/	2	1849.994	-34.33	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

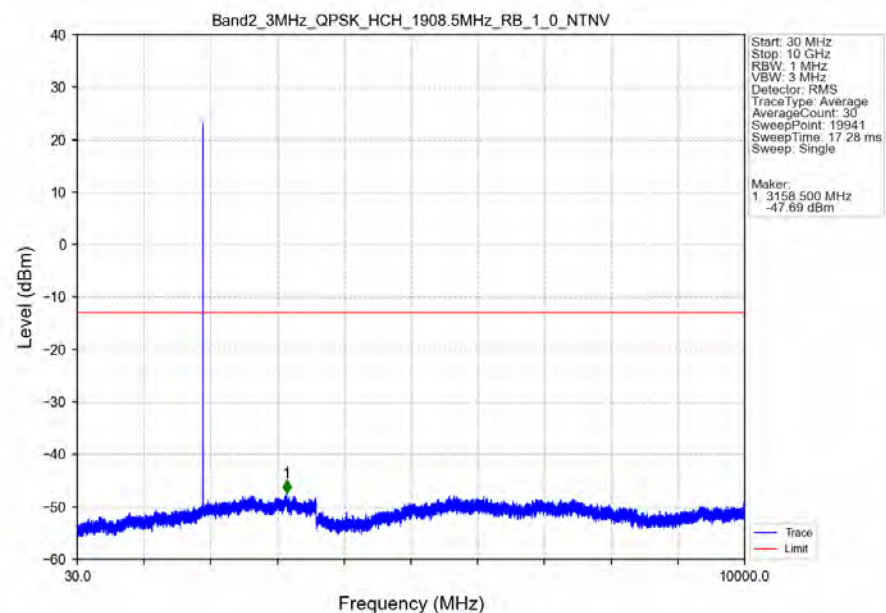
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTV



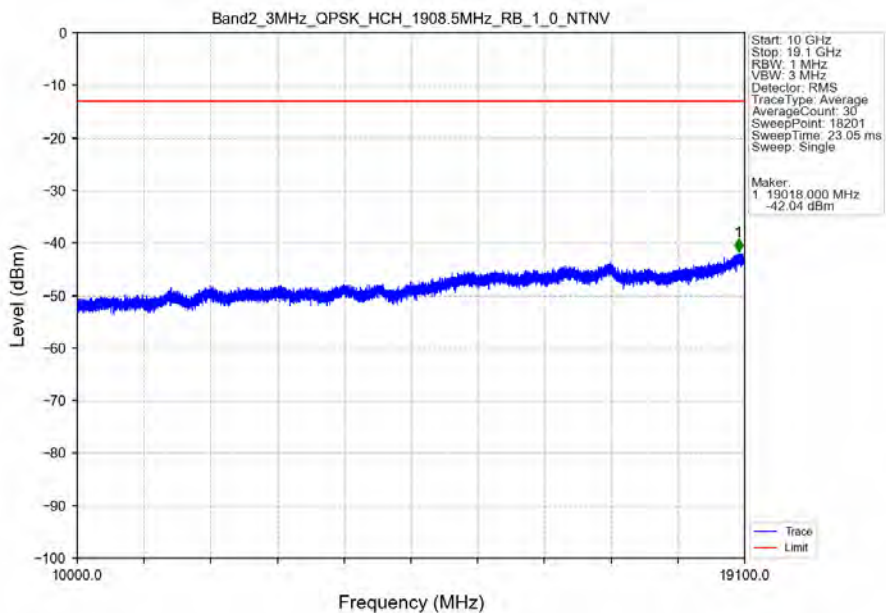
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTV



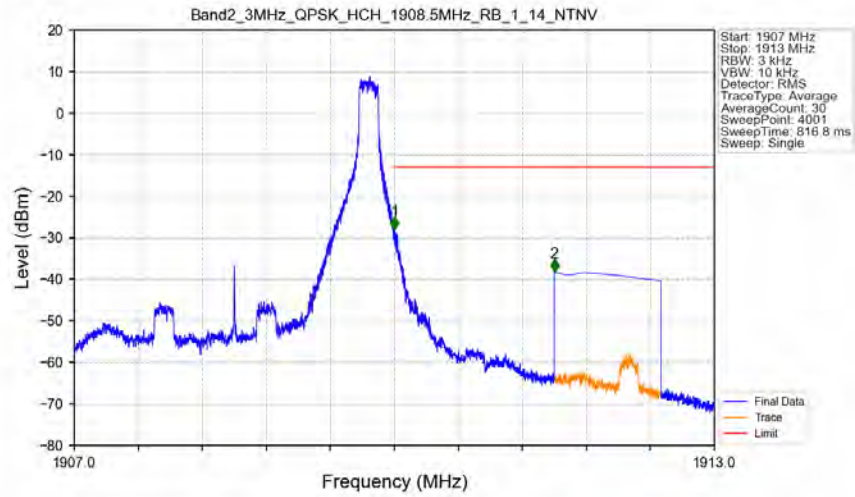
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN

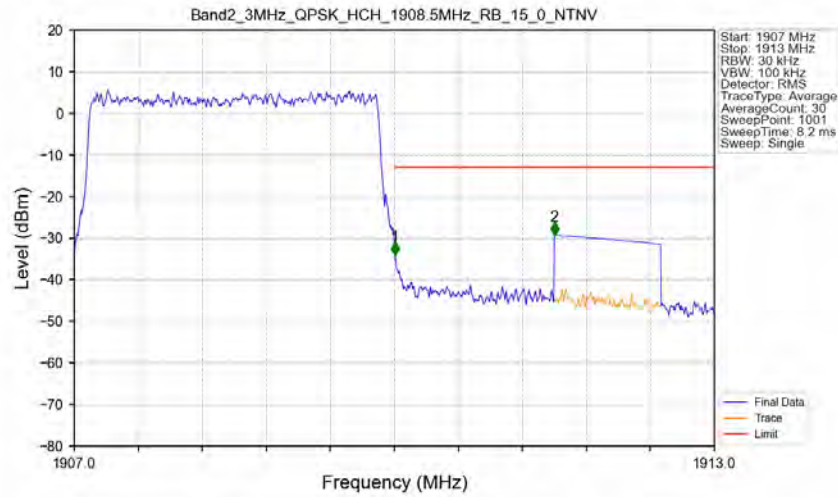


Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTV



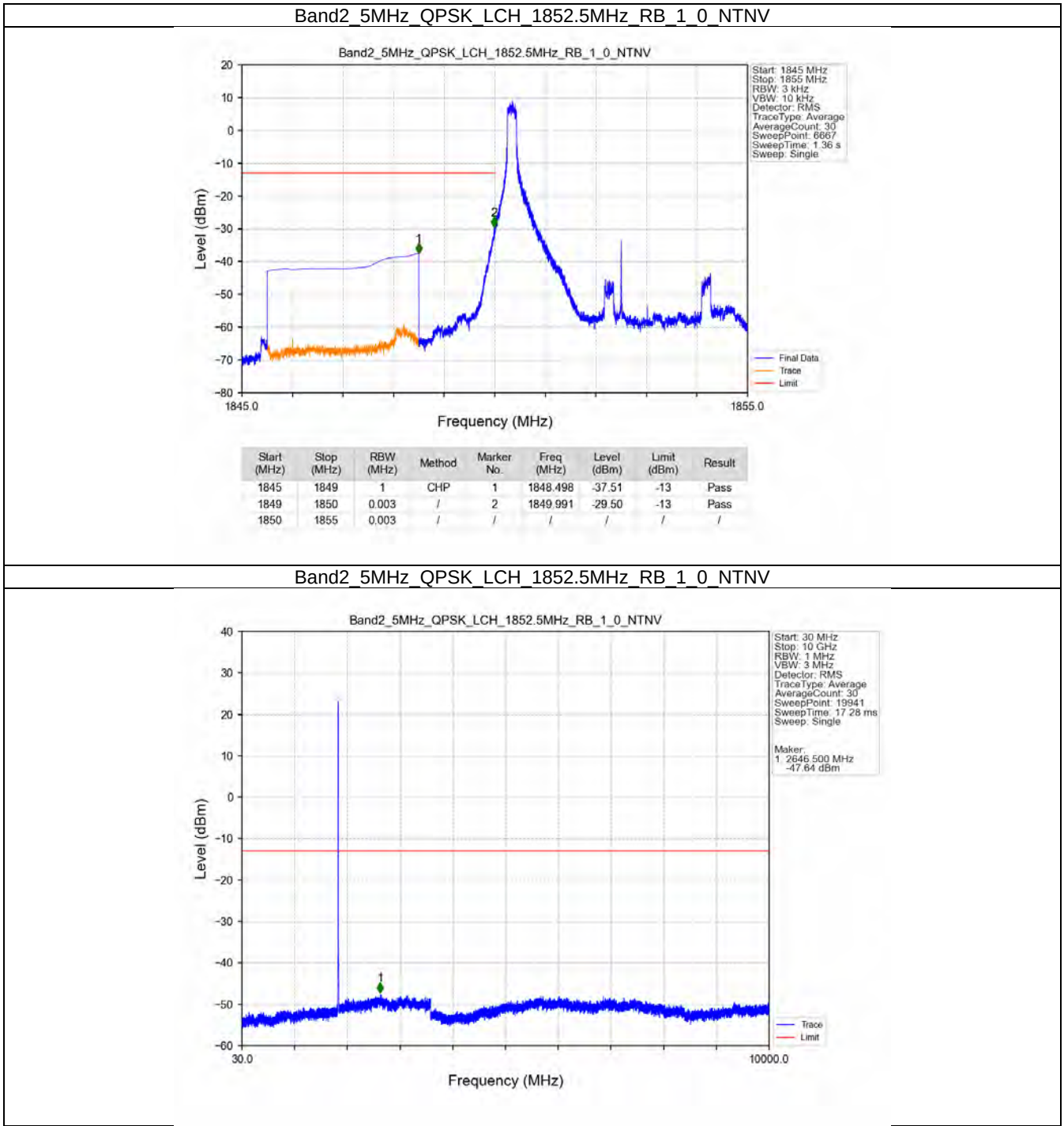
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-28.09	-13	Pass
1911	1913	1	CHP	2	1911.500	-38.22	-13	Pass

Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV

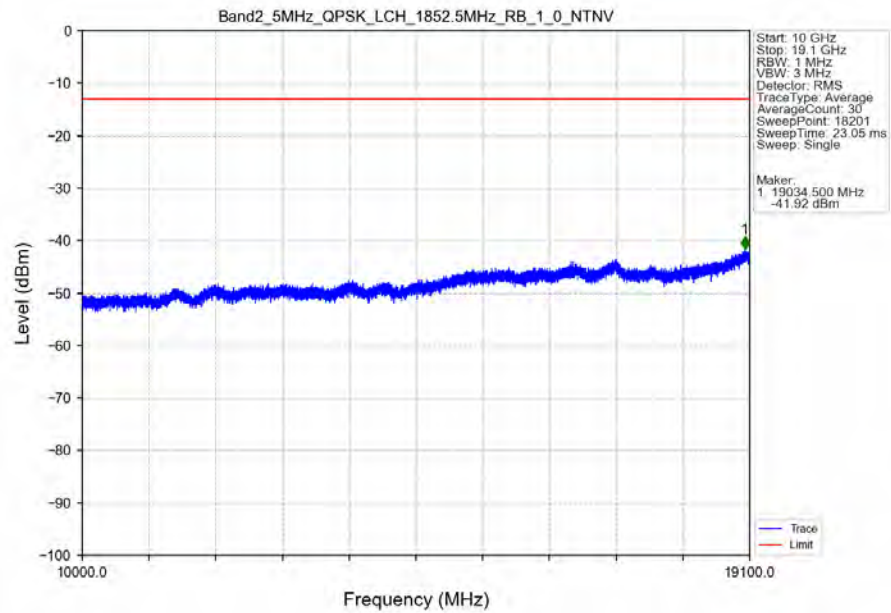


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.006	-33.98	-13	Pass
1911	1913	1	CHP	2	1911.500	-29.28	-13	Pass

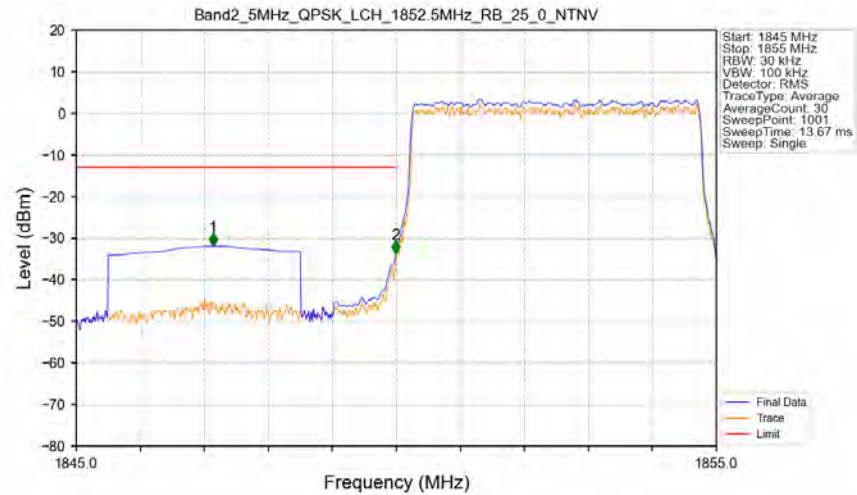
5.2.3 B2_5MHz



Band2 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV

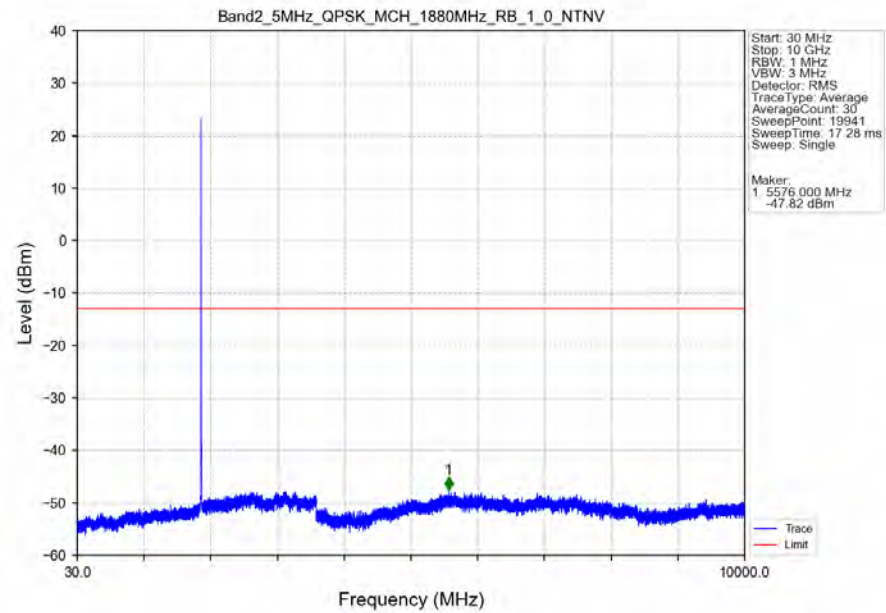


Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV

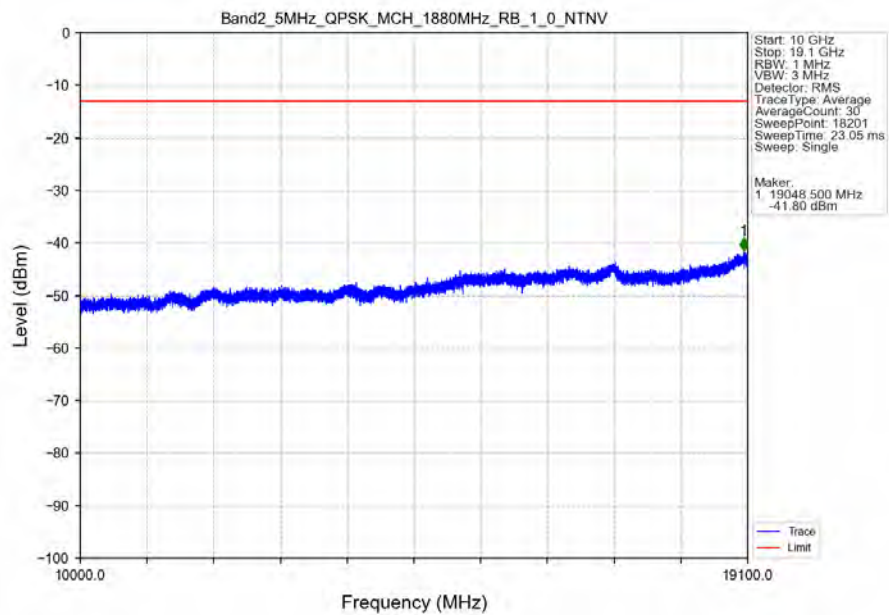


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1847.140	-31.93	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-33.66	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

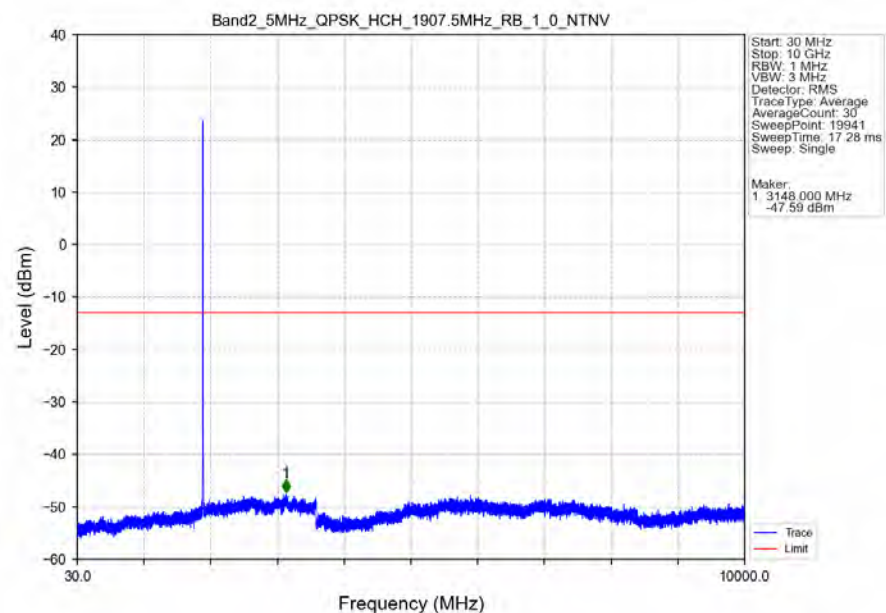
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTV



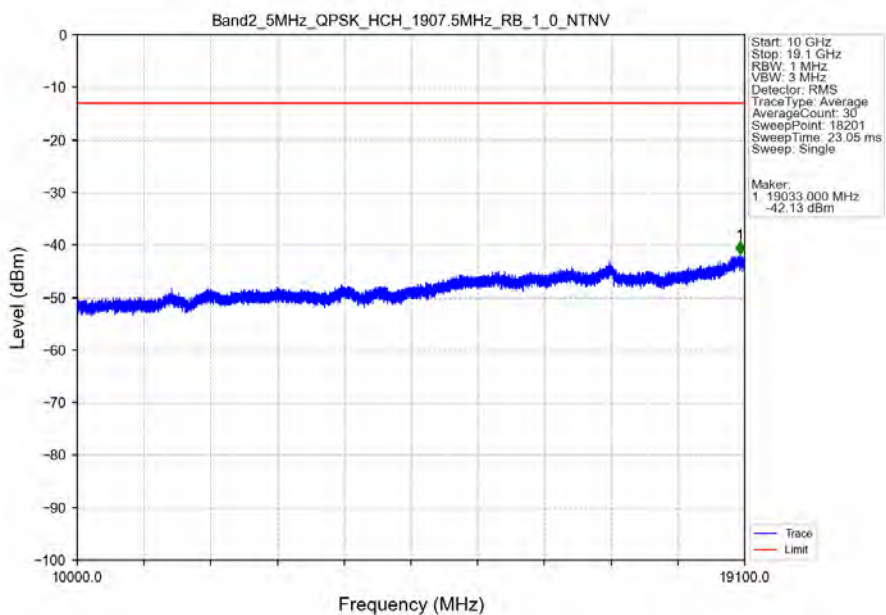
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTV



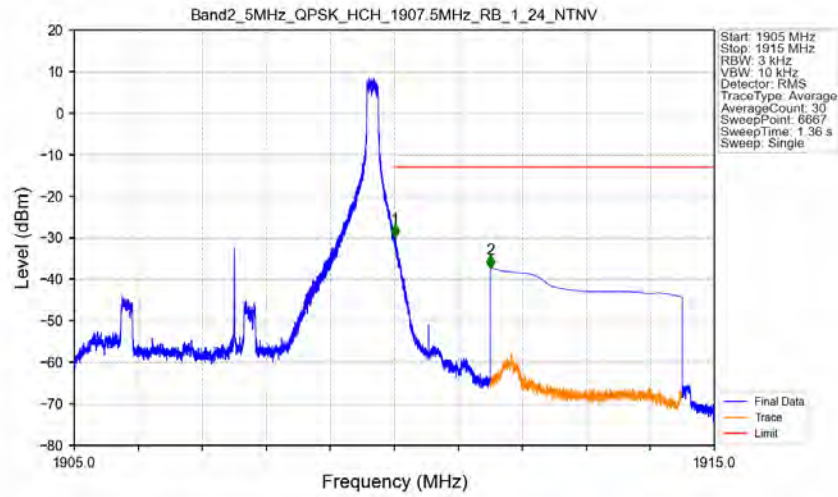
Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTN



Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTN

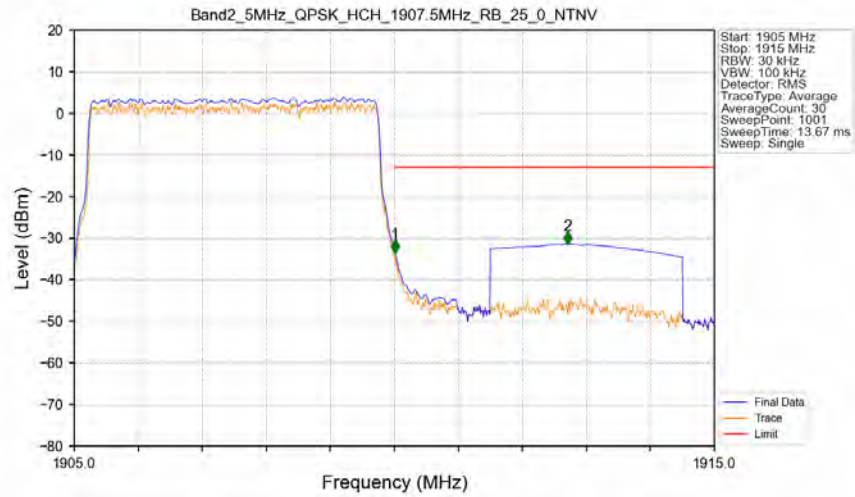


Band2 5MHz QPSK HCH 1907.5MHz RB 1 24 NTV



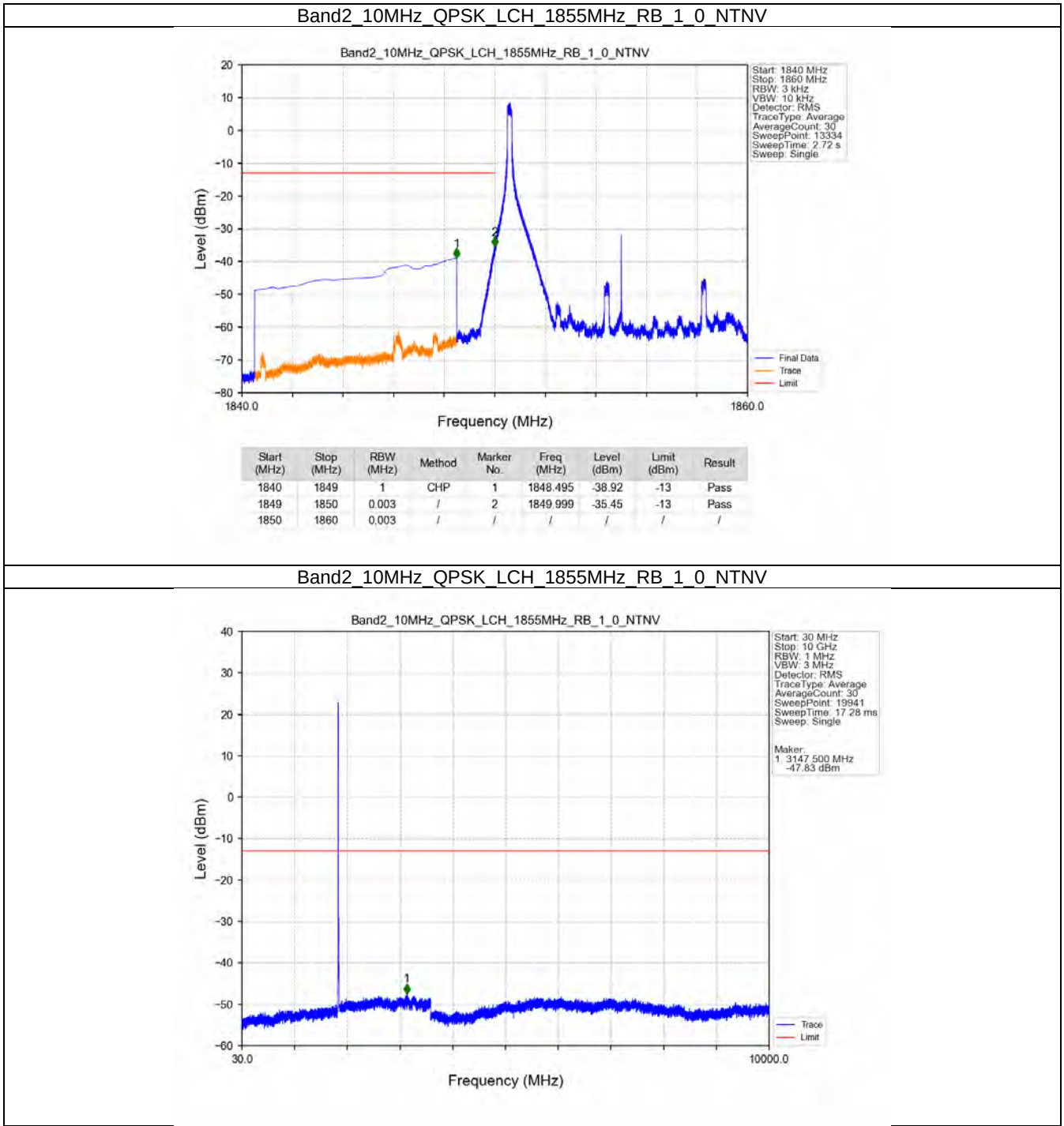
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.009	-29.81	-13	Pass
1911	1915	1	CHP	2	1911.500	-37.33	-13	Pass

Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTV

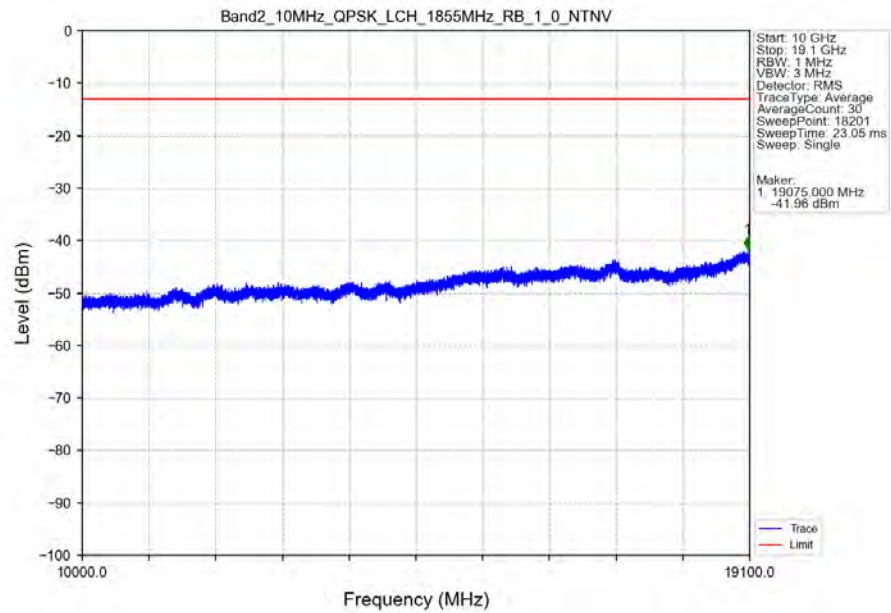


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05	CHP	/	/	/	/	/
1910	1911	0.05	CHP	1	1910.010	-33.50	-13	Pass
1911	1915	1	CHP	2	1912.710	-31.47	-13	Pass

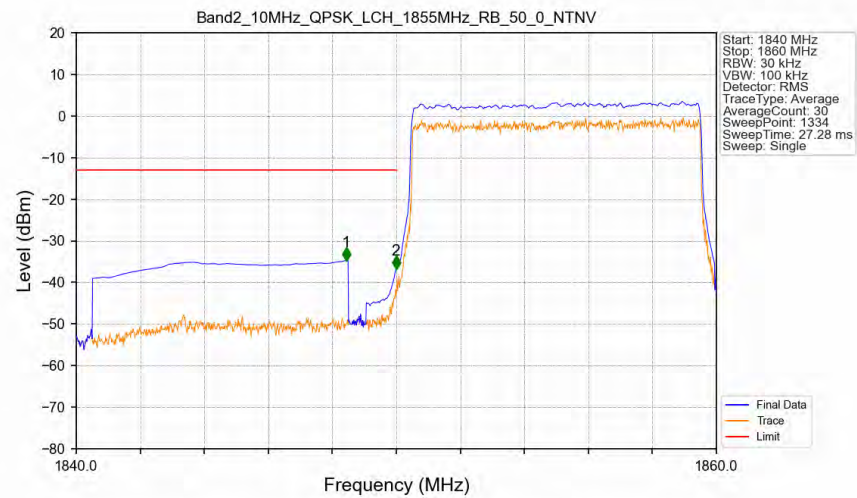
5.2.4 B2_10MHz



Band2 10MHz QPSK LCH 1855MHz RB 1 0 NTNV

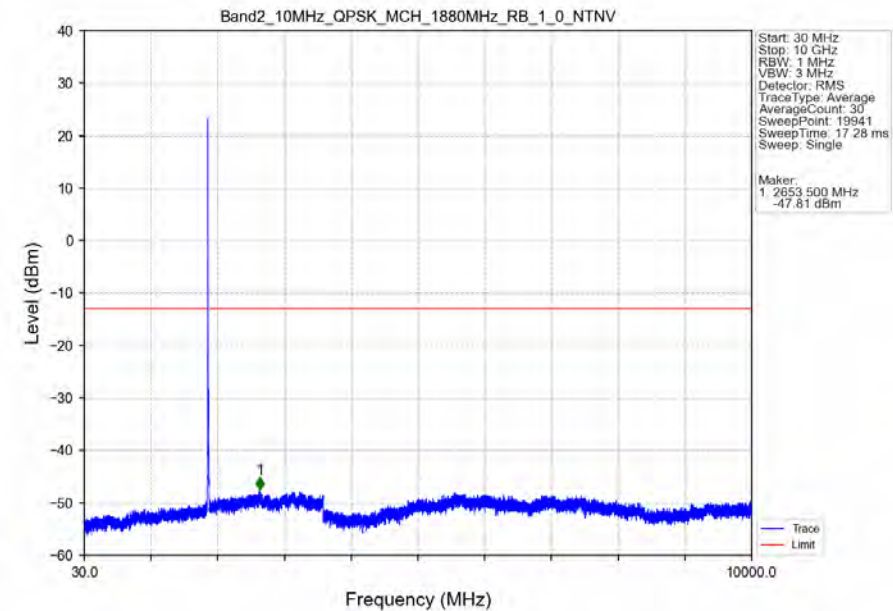


Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV

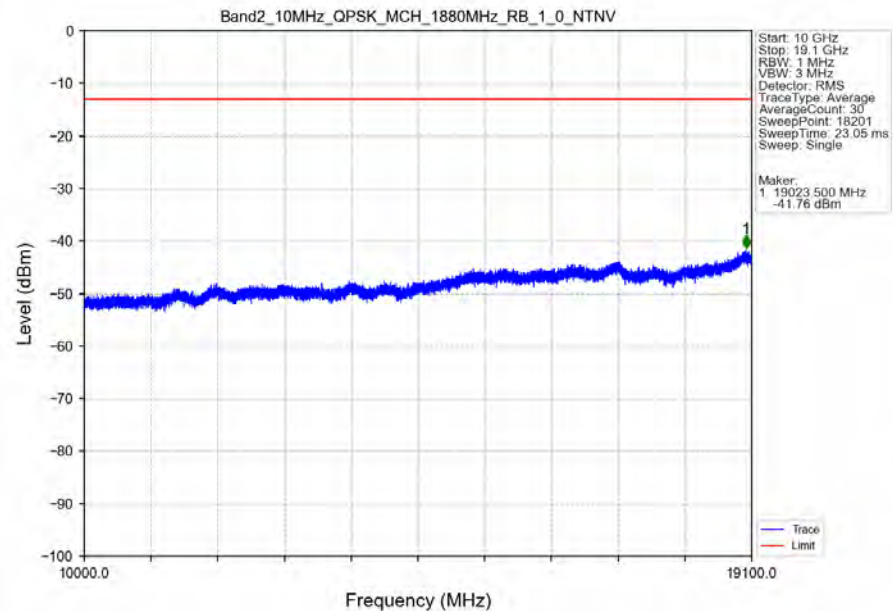


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.432	-34.79	-13	Pass
1849	1850	0.099	CHP	2	1849.992	-36.78	-13	Pass
1850	1860	0.099	CHP	/	/	/	/	/

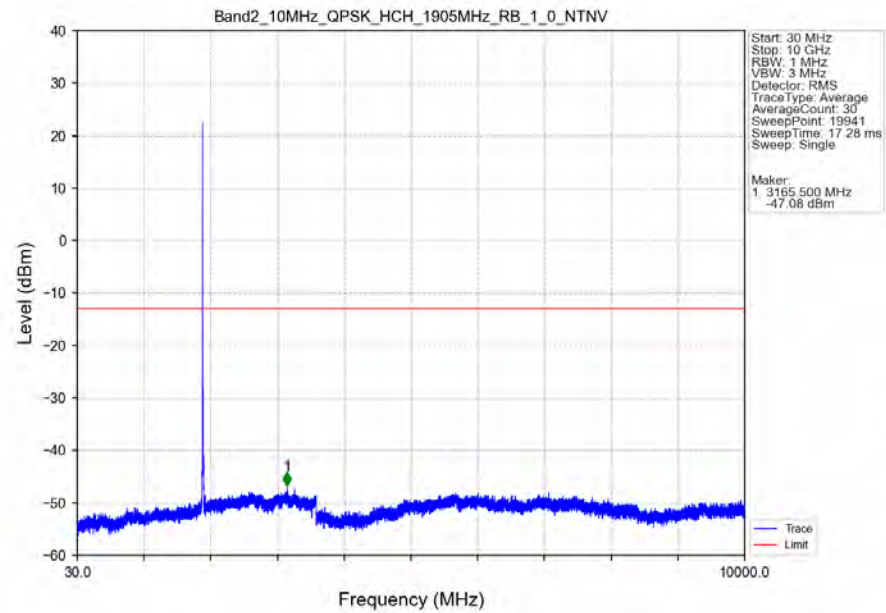
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



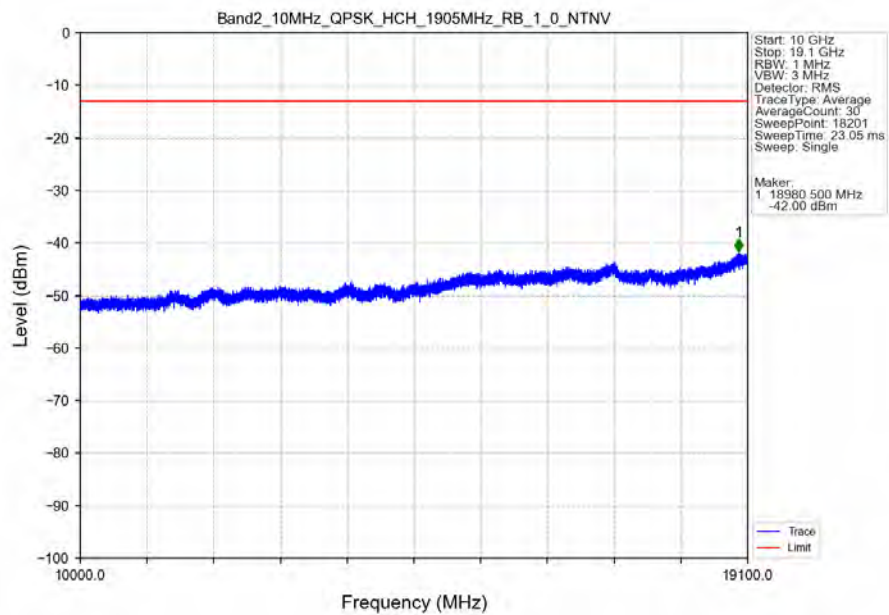
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



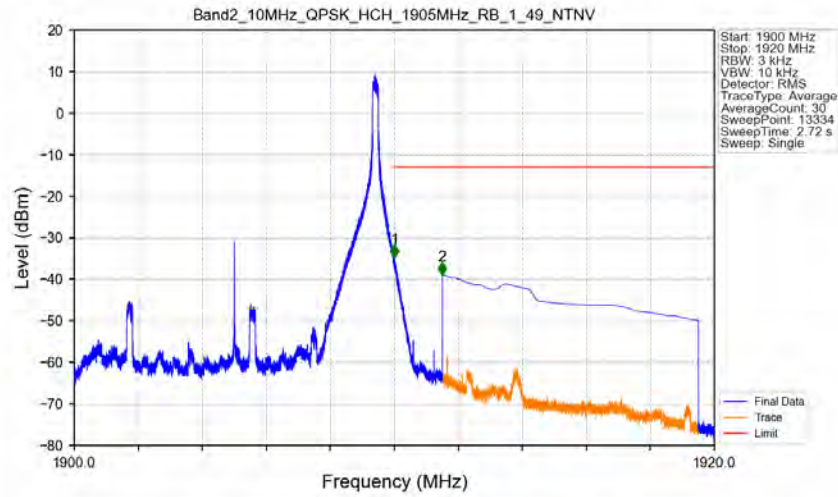
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

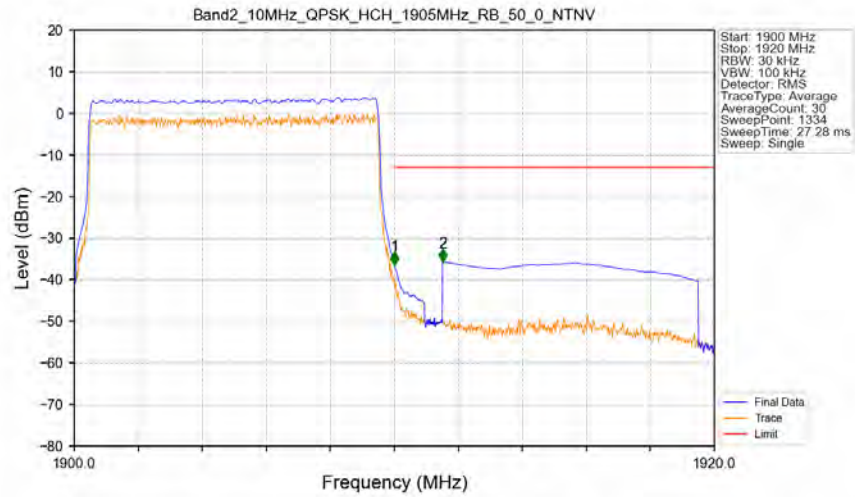


Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTNV



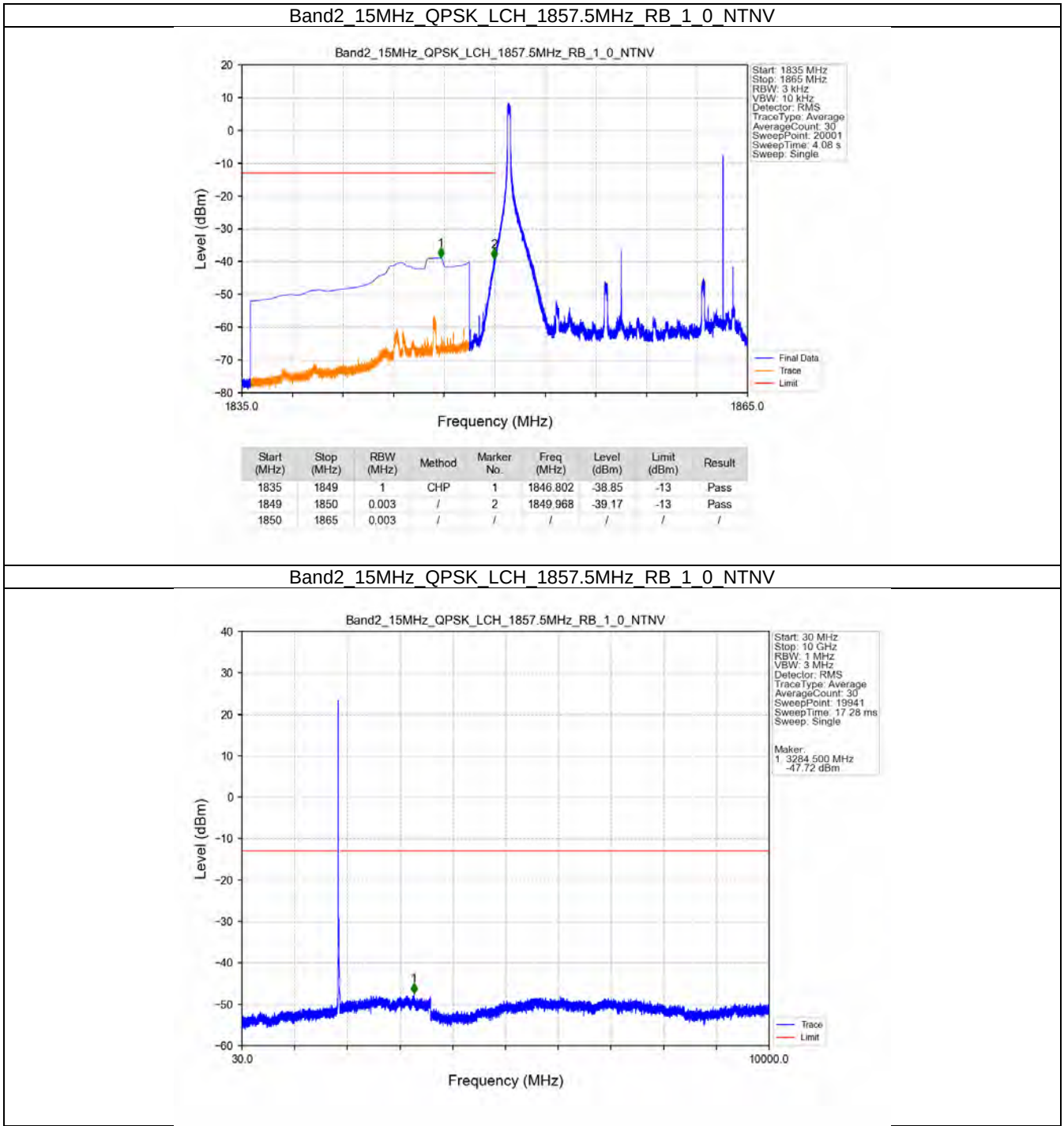
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.004	-34.75	-13	Pass
1911	1920	1	CHP	2	1911.501	-38.92	-13	Pass

Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV

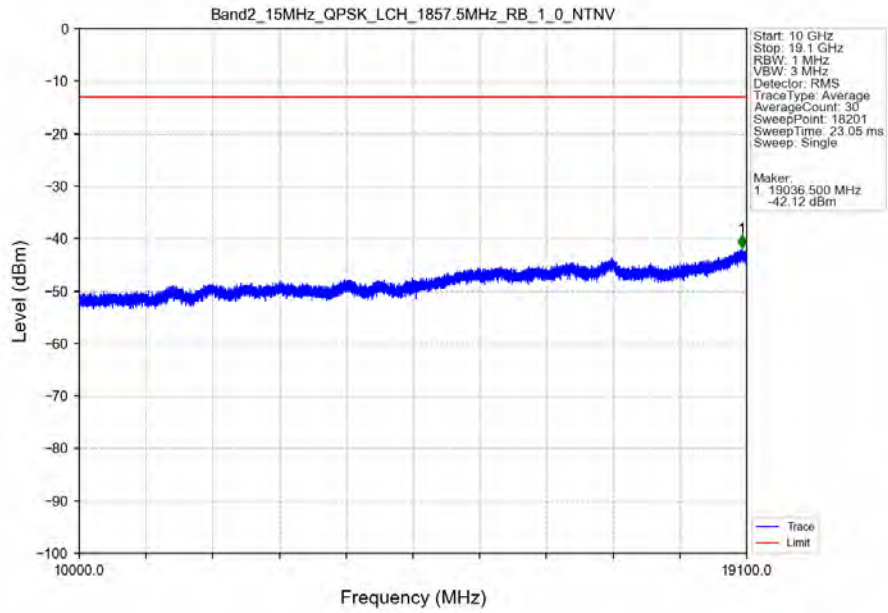


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.099	CHP	/	/	/	/	/
1910	1911	0.099	CHP	1	1910.008	-36.43	-13	Pass
1911	1920	1	CHP	2	1911.508	-35.70	-13	Pass

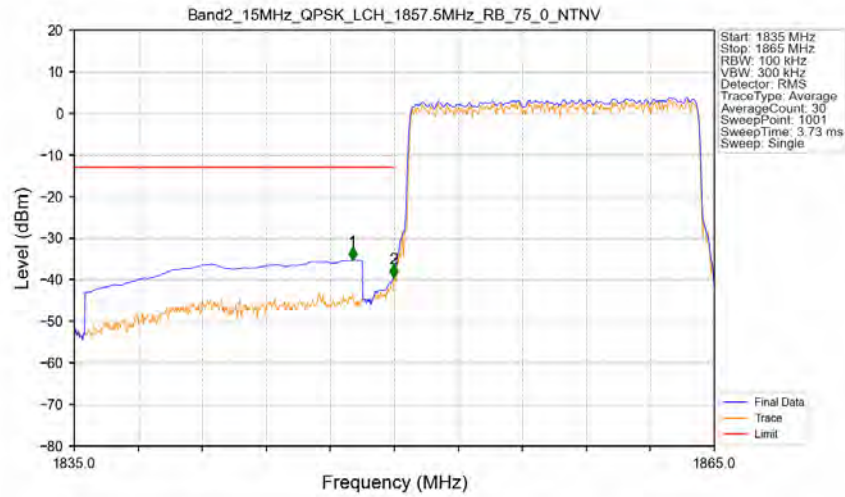
5.2.5 B2_15MHz



Band2 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV

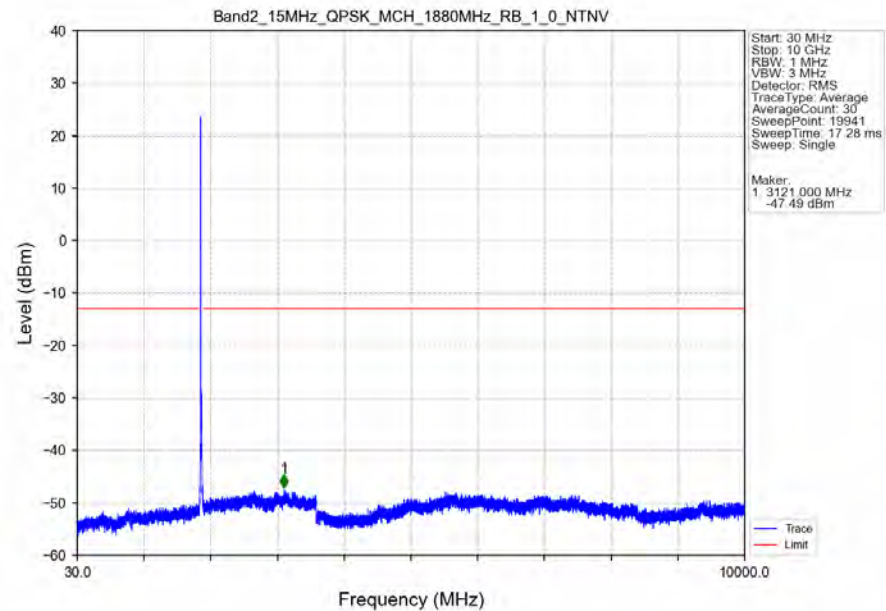


Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV

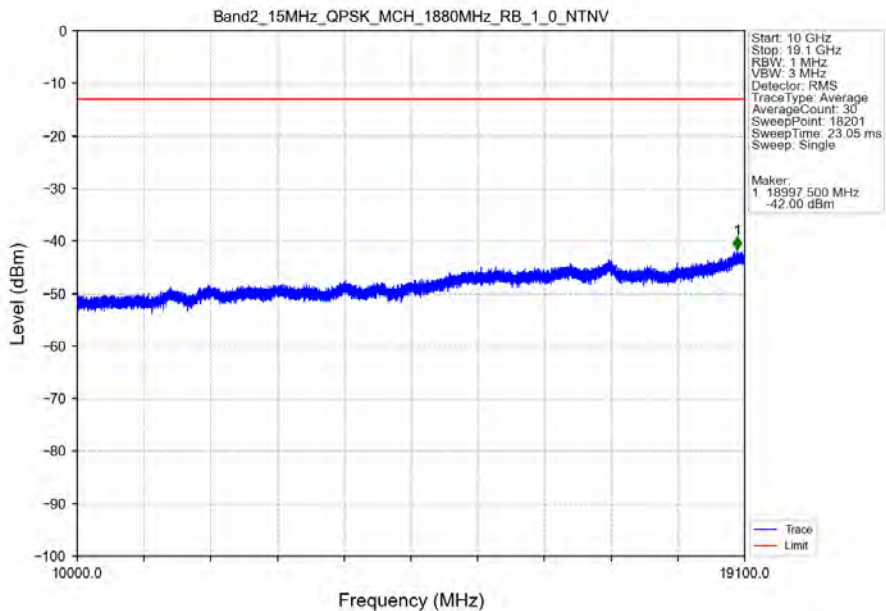


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.050	-35.27	-13	Pass
1849	1850	0.149	CHP	2	1849.970	-39.46	-13	Pass
1850	1865	0.149	CHP	/	/	/	/	/

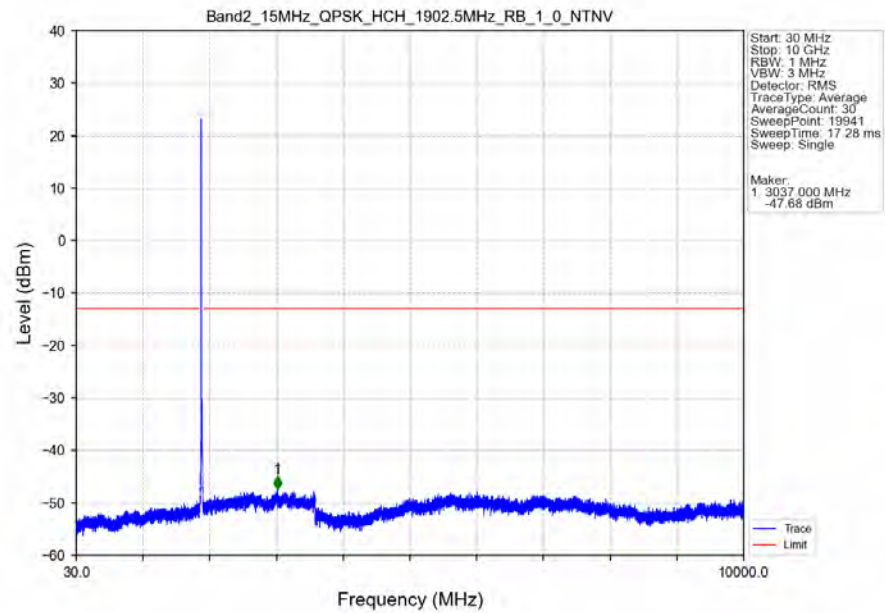
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



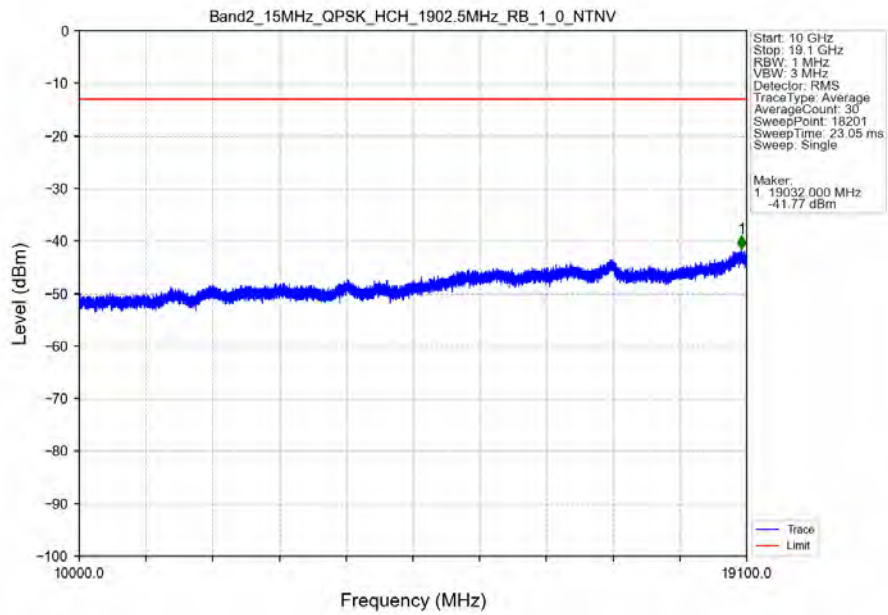
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



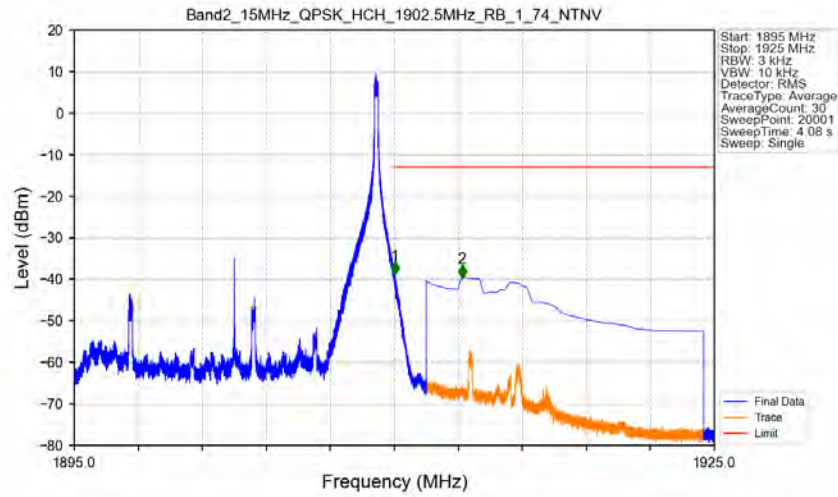
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV

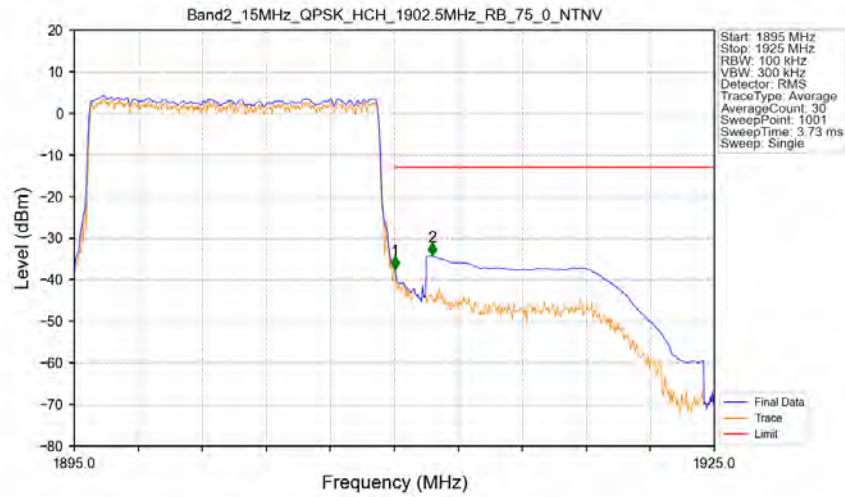


Band2 15MHz QPSK HCH 1902.5MHz RB 1 74 NTV



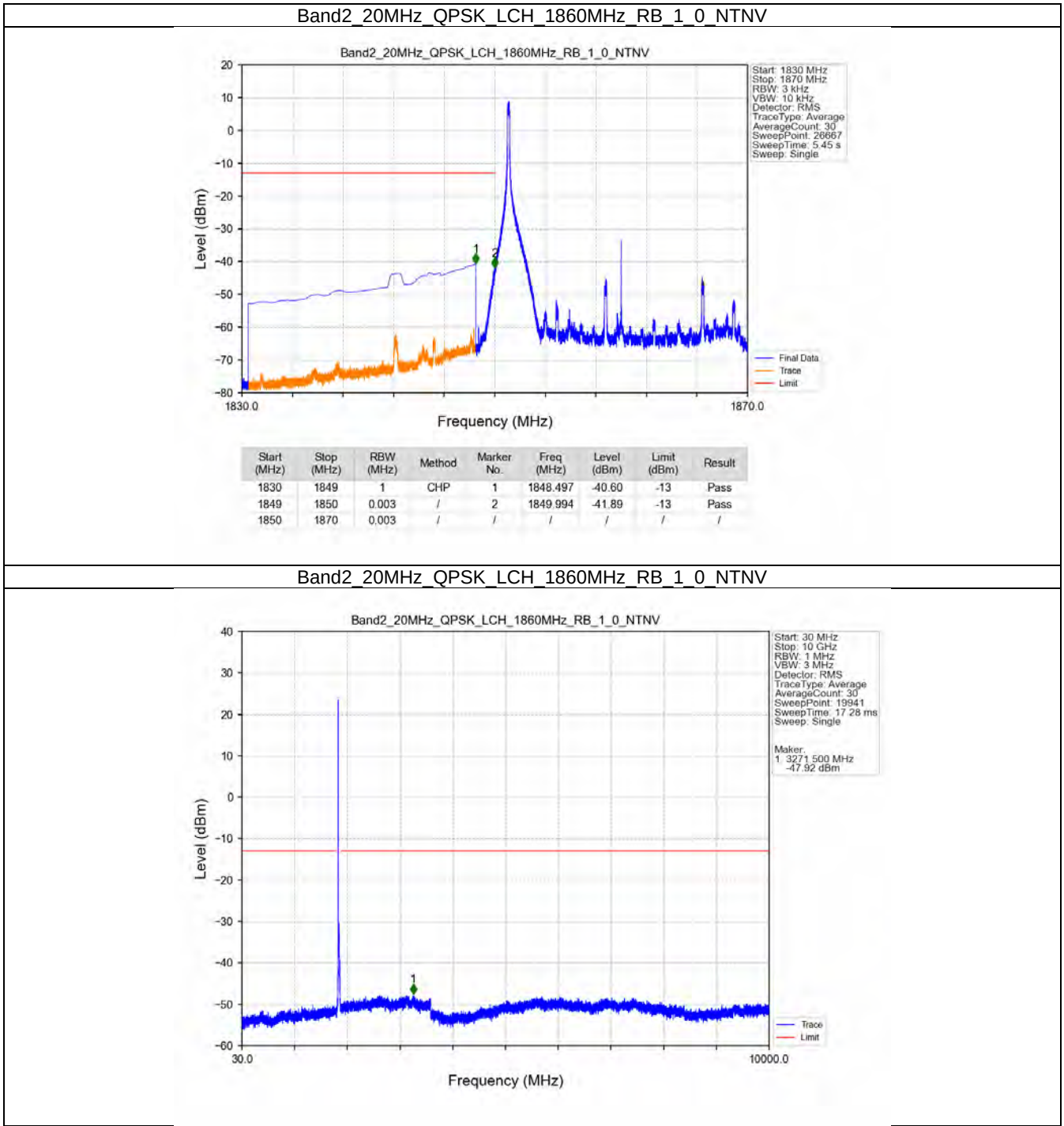
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.025	-38.80	-13	Pass
1911	1925	1	CHP	2	1913.178	-39.60	-13	Pass

Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV

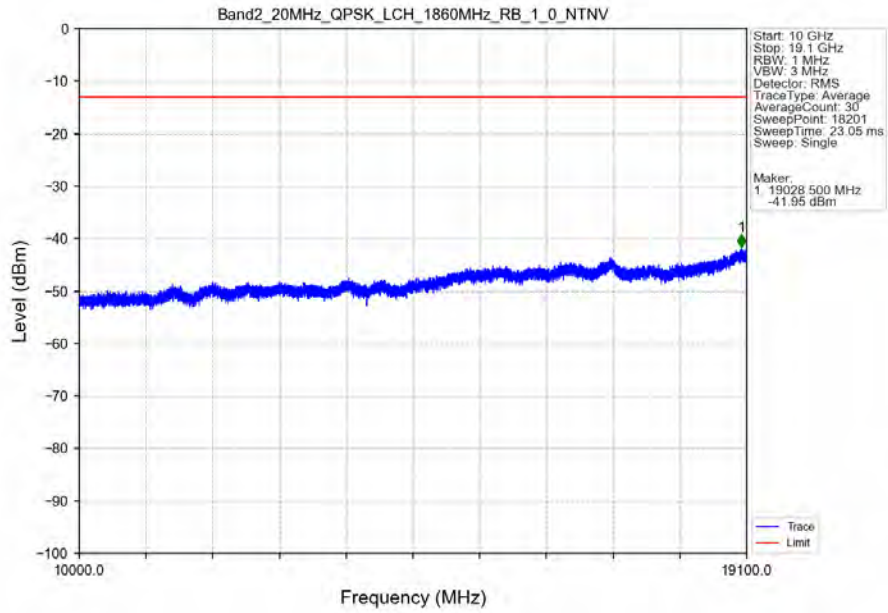


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.149	CHP	/	/	/	/	/
1910	1911	0.149	CHP	1	1910.030	-37.55	-13	Pass
1911	1925	1	CHP	2	1911.770	-34.28	-13	Pass

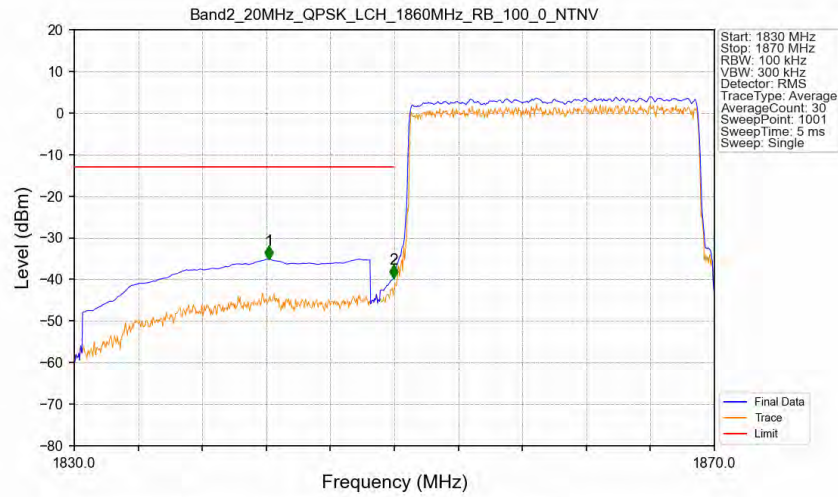
5.2.6 B2_20MHz



Band2 20MHz QPSK LCH 1860MHz RB 1 0 NTNV

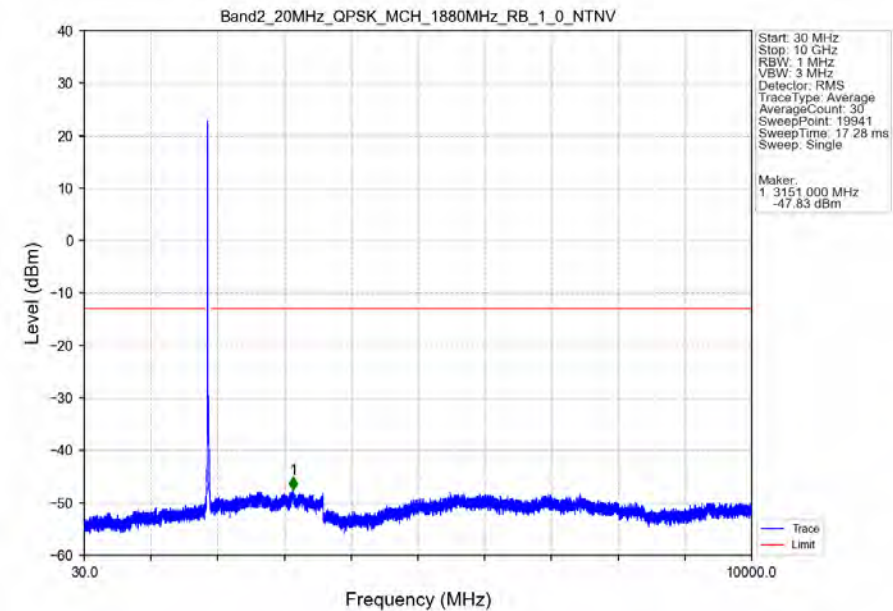


Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV

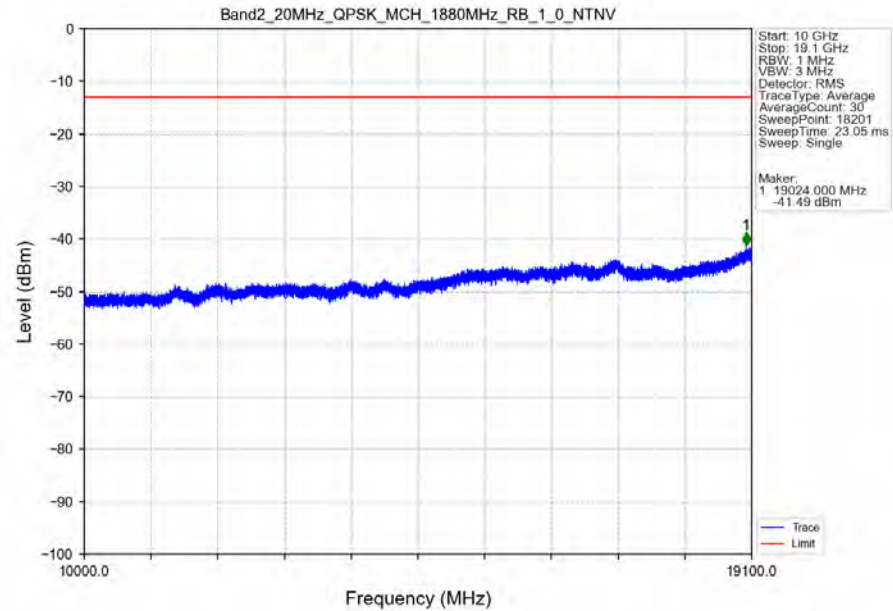


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1842.160	-35.06	-13	Pass
1849	1850	0.198	CHP	2	1849.960	-39.63	-13	Pass
1850	1870	0.198	CHP	/	/	/	/	/

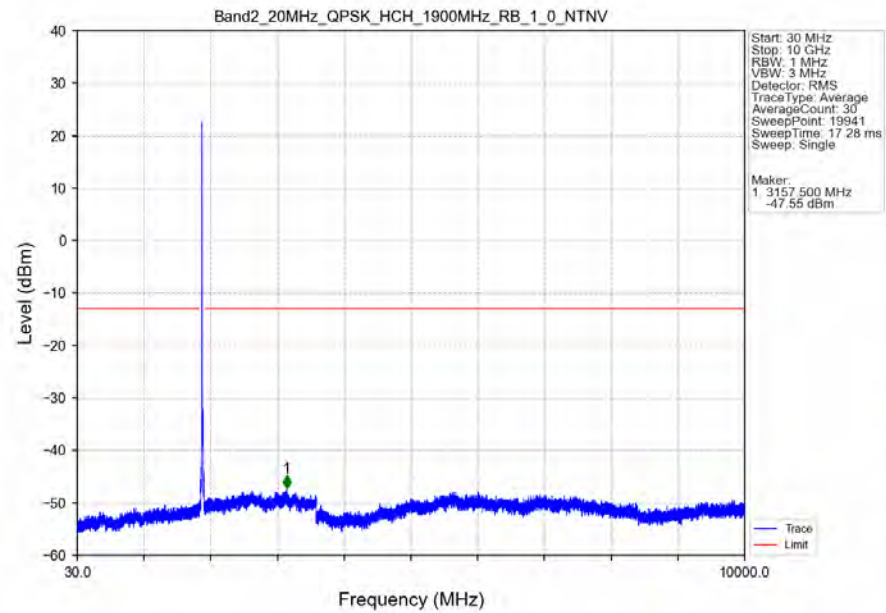
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



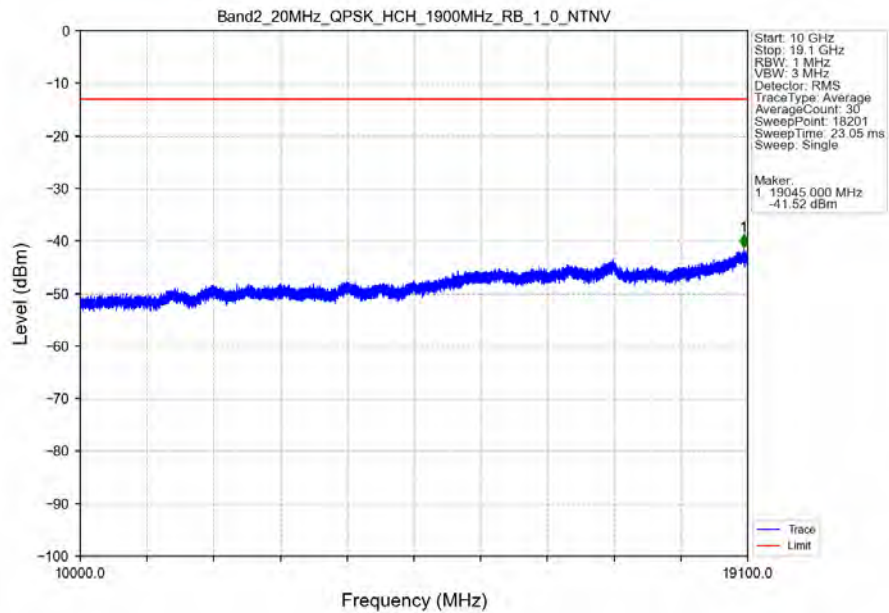
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



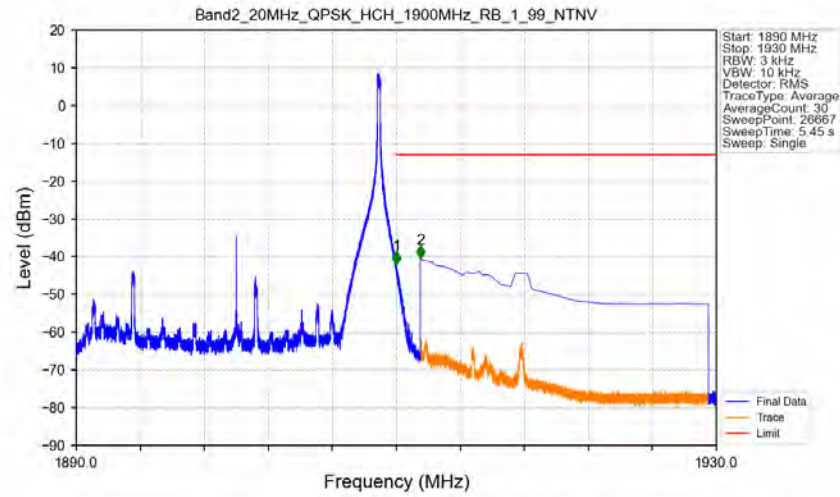
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

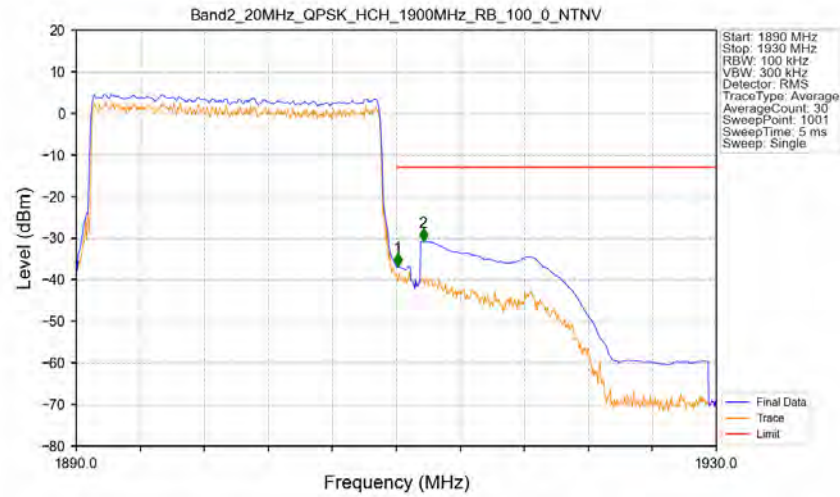


Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTNV



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	-42.05	-13	Pass
1911	1930	1	CHP	2	1911.500	-40.54	-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	0.198	CHP	/	/	/	/	/
1910	1911	0.198	CHP	1	1910.080	-36.77	-13	Pass
1911	1930	1	CHP	2	1911.680	-30.77	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 2-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-59.53	-13	-46.53	-64.39	3.58	8.44	Horizontal	Pass
5553.0	-62.45	-13	-49.45	-68.16	4.74	10.45	Horizontal	Pass
7404.0	-60.97	-13	-47.97	-67.65	4.94	11.62	Horizontal	Pass
3702.0	-61.35	-13	-48.35	-66.21	3.58	8.44	Vertical	Pass
5553.0	-59.55	-13	-46.55	-65.26	4.74	10.45	Vertical	Pass
7404.0	-61.13	-13	-48.13	-67.81	4.94	11.62	Vertical	Pass

LTE Band 2-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-61.28	-13	-48.28	-66.16	3.61	8.49	Horizontal	Pass
5613.0	-59.58	-13	-46.58	-65.29	4.74	10.45	Horizontal	Pass
7484.0	-60.84	-13	-47.84	-67.62	4.94	11.72	Horizontal	Pass
3742.0	-61.14	-13	-48.14	-66.02	3.61	8.49	Vertical	Pass
5613.0	-60.57	-13	-47.57	-66.28	4.74	10.45	Vertical	Pass
7484.0	-60.72	-13	-47.72	-67.5	4.94	11.72	Vertical	Pass

LTE Band 2-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-58.42	-13	-45.42	-63.32	3.65	8.55	Horizontal	Pass
5673.0	-58.7	-13	-45.7	-64.4	4.75	10.45	Horizontal	Pass
7564.0	-60.01	-13	-47.01	-66.88	4.95	11.82	Horizontal	Pass
3782.0	-58.96	-13	-45.96	-63.86	3.65	8.55	Vertical	Pass
5673.0	-58.28	-13	-45.28	-63.98	4.75	10.45	Vertical	Pass
7564.0	-59.67	-13	-46.67	-66.54	4.95	11.82	Vertical	Pass