

1.1.1 B2_1.4MHz_EIRP

Band: 2 / Bandwidth: 1.4MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.88	3.00	24.88	<=33.01	Pass		
			2	21.86	3.00	24.86	<=33.01	Pass		
			5	22.29	3.00	25.29	<=33.01	Pass		
		3	0	21.96	3.00	24.96	<=33.01	Pass		
			2	21.99	3.00	24.99	<=33.01	Pass		
			3	22.04	3.00	25.04	<=33.01	Pass		
		6	0	20.92	3.00	23.92	<=33.01	Pass		
		1880	1	0	21.05	3.00	24.05	<=33.01	Pass	
				2	21.30	3.00	24.30	<=33.01	Pass	
	5			21.29	3.00	24.29	<=33.01	Pass		
	3		0	21.19	3.00	24.19	<=33.01	Pass		
			2	21.29	3.00	24.29	<=33.01	Pass		
			3	21.25	3.00	24.25	<=33.01	Pass		
	6	0	20.20	3.00	23.20	<=33.01	Pass			
	1909.3	1	0	21.00	3.00	24.00	<=33.01	Pass		
			2	21.04	3.00	24.04	<=33.01	Pass		
			5	20.94	3.00	23.94	<=33.01	Pass		
		3	0	20.97	3.00	23.97	<=33.01	Pass		
			2	20.98	3.00	23.98	<=33.01	Pass		
			3	20.99	3.00	23.99	<=33.01	Pass		
		6	0	20.00	3.00	23.00	<=33.01	Pass		
		16QAM	1850.7	1	0	21.05	3.00	24.05	<=33.01	Pass
					2	21.17	3.00	24.17	<=33.01	Pass
	5				21.05	3.00	24.05	<=33.01	Pass	
3	0			20.99	3.00	23.99	<=33.01	Pass		
	2			21.02	3.00	24.02	<=33.01	Pass		
	3			20.96	3.00	23.96	<=33.01	Pass		
6	0			19.75	3.00	22.75	<=33.01	Pass		
1880	1		0	20.38	3.00	23.38	<=33.01	Pass		
			2	20.44	3.00	23.44	<=33.01	Pass		
			5	20.46	3.00	23.46	<=33.01	Pass		
	3		0	20.32	3.00	23.32	<=33.01	Pass		
			2	20.44	3.00	23.44	<=33.01	Pass		
			3	20.42	3.00	23.42	<=33.01	Pass		
6	0		19.15	3.00	22.15	<=33.01	Pass			
1909.3	1		0	20.26	3.00	23.26	<=33.01	Pass		
		2	20.70	3.00	23.70	<=33.01	Pass			
		5	20.23	3.00	23.23	<=33.01	Pass			
	3	0	20.00	3.00	23.00	<=33.01	Pass			
		2	20.06	3.00	23.06	<=33.01	Pass			
		3	20.00	3.00	23.00	<=33.01	Pass			
	6	0	19.02	3.00	22.02	<=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	22.07	3.00	25.07	<=33.01	Pass		
			7	21.94	3.00	24.94	<=33.01	Pass		
			14	21.78	3.00	24.78	<=33.01	Pass		
		8	0	21.01	3.00	24.01	<=33.01	Pass		
			4	21.01	3.00	24.01	<=33.01	Pass		
			7	20.94	3.00	23.94	<=33.01	Pass		
		15	0	20.99	3.00	23.99	<=33.01	Pass		
		1880	1	0	21.07	3.00	24.07	<=33.01	Pass	
				7	21.27	3.00	24.27	<=33.01	Pass	
	14			21.32	3.00	24.32	<=33.01	Pass		
	8		0	20.13	3.00	23.13	<=33.01	Pass		
			4	20.19	3.00	23.19	<=33.01	Pass		
			7	20.19	3.00	23.19	<=33.01	Pass		
	15	0	20.18	3.00	23.18	<=33.01	Pass			
	1908.5	1	0	21.00	3.00	24.00	<=33.01	Pass		
			7	21.07	3.00	24.07	<=33.01	Pass		
			14	20.85	3.00	23.85	<=33.01	Pass		
		8	0	20.02	3.00	23.02	<=33.01	Pass		
			4	19.92	3.00	22.92	<=33.01	Pass		
			7	19.92	3.00	22.92	<=33.01	Pass		
		15	0	20.05	3.00	23.05	<=33.01	Pass		
		16QAM	1851.5	1	0	21.25	3.00	24.25	<=33.01	Pass
					7	21.38	3.00	24.38	<=33.01	Pass
	14				21.09	3.00	24.09	<=33.01	Pass	
	8			0	20.08	3.00	23.08	<=33.01	Pass	
				4	20.20	3.00	23.20	<=33.01	Pass	
				7	20.14	3.00	23.14	<=33.01	Pass	
15	0			19.97	3.00	22.97	<=33.01	Pass		
1880	1			0	20.57	3.00	23.57	<=33.01	Pass	
				7	20.58	3.00	23.58	<=33.01	Pass	
			14	20.63	3.00	23.63	<=33.01	Pass		
	8		0	19.03	3.00	22.03	<=33.01	Pass		
			4	19.11	3.00	22.11	<=33.01	Pass		
			7	19.09	3.00	22.09	<=33.01	Pass		
15	0		18.97	3.00	21.97	<=33.01	Pass			
1908.5	1		0	20.02	3.00	23.02	<=33.01	Pass		
			7	20.07	3.00	23.07	<=33.01	Pass		
			14	20.12	3.00	23.12	<=33.01	Pass		
	8		0	18.85	3.00	21.85	<=33.01	Pass		
			4	18.80	3.00	21.80	<=33.01	Pass		
			7	18.80	3.00	21.80	<=33.01	Pass		
	15		0	19.10	3.00	22.10	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	21.85	3.00	24.85	<=33.01	Pass		
			13	21.72	3.00	24.72	<=33.01	Pass		
			24	21.57	3.00	24.57	<=33.01	Pass		
		12	0	20.94	3.00	23.94	<=33.01	Pass		
			6	20.91	3.00	23.91	<=33.01	Pass		
			13	20.70	3.00	23.70	<=33.01	Pass		
		25	0	20.88	3.00	23.88	<=33.01	Pass		
		1880	1	0	20.97	3.00	23.97	<=33.01	Pass	
				13	21.04	3.00	24.04	<=33.01	Pass	
	24			21.28	3.00	24.28	<=33.01	Pass		
	12		0	20.21	3.00	23.21	<=33.01	Pass		
			6	20.17	3.00	23.17	<=33.01	Pass		
			13	20.25	3.00	23.25	<=33.01	Pass		
	25	0	20.11	3.00	23.11	<=33.01	Pass			
	1907.5	1	0	20.77	3.00	23.77	<=33.01	Pass		
			13	20.83	3.00	23.83	<=33.01	Pass		
			24	20.90	3.00	23.90	<=33.01	Pass		
		12	0	19.99	3.00	22.99	<=33.01	Pass		
			6	19.95	3.00	22.95	<=33.01	Pass		
			13	19.95	3.00	22.95	<=33.01	Pass		
		25	0	19.92	3.00	22.92	<=33.01	Pass		
		16QAM	1852.5	1	0	20.22	3.00	23.22	<=33.01	Pass
					13	20.48	3.00	23.48	<=33.01	Pass
	24				20.15	3.00	23.15	<=33.01	Pass	
12	0			19.65	3.00	22.65	<=33.01	Pass		
	6			19.85	3.00	22.85	<=33.01	Pass		
	13			19.74	3.00	22.74	<=33.01	Pass		
25	0			19.84	3.00	22.84	<=33.01	Pass		
1880	1		0	20.66	3.00	23.66	<=33.01	Pass		
			13	20.79	3.00	23.79	<=33.01	Pass		
			24	20.78	3.00	23.78	<=33.01	Pass		
	12		0	19.16	3.00	22.16	<=33.01	Pass		
			6	19.04	3.00	22.04	<=33.01	Pass		
			13	19.21	3.00	22.21	<=33.01	Pass		
25	0		19.24	3.00	22.24	<=33.01	Pass			
1907.5	1		0	20.06	3.00	23.06	<=33.01	Pass		
			13	19.79	3.00	22.79	<=33.01	Pass		
			24	19.79	3.00	22.79	<=33.01	Pass		
	12		0	18.84	3.00	21.84	<=33.01	Pass		
		6	18.90	3.00	21.90	<=33.01	Pass			
		13	18.95	3.00	21.95	<=33.01	Pass			
25	0	18.89	3.00	21.89	<=33.01	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	21.88	3.00	24.88	<=33.01	Pass		
			25	21.64	3.00	24.64	<=33.01	Pass		
			49	21.07	3.00	24.07	<=33.01	Pass		
		25	0	20.82	3.00	23.82	<=33.01	Pass		
			13	20.64	3.00	23.64	<=33.01	Pass		
			25	20.47	3.00	23.47	<=33.01	Pass		
		50	0	20.68	3.00	23.68	<=33.01	Pass		
		1880	1	0	21.33	3.00	24.33	<=33.01	Pass	
				25	21.33	3.00	24.33	<=33.01	Pass	
	49			20.94	3.00	23.94	<=33.01	Pass		
	25		0	20.08	3.00	23.08	<=33.01	Pass		
			13	20.28	3.00	23.28	<=33.01	Pass		
			25	20.26	3.00	23.26	<=33.01	Pass		
	50	0	20.22	3.00	23.22	<=33.01	Pass			
	1905	1	0	21.24	3.00	24.24	<=33.01	Pass		
			25	21.30	3.00	24.30	<=33.01	Pass		
			49	20.82	3.00	23.82	<=33.01	Pass		
		25	0	20.09	3.00	23.09	<=33.01	Pass		
			13	20.14	3.00	23.14	<=33.01	Pass		
			25	20.05	3.00	23.05	<=33.01	Pass		
		50	0	20.01	3.00	23.01	<=33.01	Pass		
		16QAM	1855	1	0	21.28	3.00	24.28	<=33.01	Pass
					25	21.65	3.00	24.65	<=33.01	Pass
	49				20.16	3.00	23.16	<=33.01	Pass	
	25			0	19.72	3.00	22.72	<=33.01	Pass	
				13	19.72	3.00	22.72	<=33.01	Pass	
				25	19.55	3.00	22.55	<=33.01	Pass	
50	0			19.70	3.00	22.70	<=33.01	Pass		
1880	1			0	20.75	3.00	23.75	<=33.01	Pass	
				25	21.37	3.00	24.37	<=33.01	Pass	
			49	20.70	3.00	23.70	<=33.01	Pass		
	25		0	19.32	3.00	22.32	<=33.01	Pass		
			13	19.29	3.00	22.29	<=33.01	Pass		
			25	19.25	3.00	22.25	<=33.01	Pass		
50	0		19.23	3.00	22.23	<=33.01	Pass			
1905	1		0	20.49	3.00	23.49	<=33.01	Pass		
			25	20.87	3.00	23.87	<=33.01	Pass		
			49	19.95	3.00	22.95	<=33.01	Pass		
	25		0	19.06	3.00	22.06	<=33.01	Pass		
			13	19.20	3.00	22.20	<=33.01	Pass		
			25	19.21	3.00	22.21	<=33.01	Pass		
	50		0	19.03	3.00	22.03	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	21.89	3.00	24.89	<=33.01	Pass		
			38	21.38	3.00	24.38	<=33.01	Pass		
			74	21.26	3.00	24.26	<=33.01	Pass		
		36	0	20.71	3.00	23.71	<=33.01	Pass		
			18	20.51	3.00	23.51	<=33.01	Pass		
			39	20.17	3.00	23.17	<=33.01	Pass		
		75	0	20.52	3.00	23.52	<=33.01	Pass		
		1880	1	0	21.02	3.00	24.02	<=33.01	Pass	
				38	21.38	3.00	24.38	<=33.01	Pass	
	74			21.05	3.00	24.05	<=33.01	Pass		
	36		0	20.18	3.00	23.18	<=33.01	Pass		
			18	20.21	3.00	23.21	<=33.01	Pass		
			39	20.19	3.00	23.19	<=33.01	Pass		
	75	0	20.20	3.00	23.20	<=33.01	Pass			
	1902.5	1	0	21.24	3.00	24.24	<=33.01	Pass		
			38	21.01	3.00	24.01	<=33.01	Pass		
			74	20.66	3.00	23.66	<=33.01	Pass		
		36	0	20.18	3.00	23.18	<=33.01	Pass		
			18	20.18	3.00	23.18	<=33.01	Pass		
			39	20.05	3.00	23.05	<=33.01	Pass		
		75	0	19.99	3.00	22.99	<=33.01	Pass		
		16QAM	1857.5	1	0	21.29	3.00	24.29	<=33.01	Pass
					38	20.80	3.00	23.80	<=33.01	Pass
	74				20.67	3.00	23.67	<=33.01	Pass	
36	0			19.69	3.00	22.69	<=33.01	Pass		
	18			19.51	3.00	22.51	<=33.01	Pass		
	39			19.25	3.00	22.25	<=33.01	Pass		
75	0			19.48	3.00	22.48	<=33.01	Pass		
1880	1			0	20.67	3.00	23.67	<=33.01	Pass	
				38	20.60	3.00	23.60	<=33.01	Pass	
			74	20.81	3.00	23.81	<=33.01	Pass		
	36		0	19.11	3.00	22.11	<=33.01	Pass		
			18	19.17	3.00	22.17	<=33.01	Pass		
			39	19.24	3.00	22.24	<=33.01	Pass		
75	0		19.26	3.00	22.26	<=33.01	Pass			
1902.5	1		0	20.35	3.00	23.35	<=33.01	Pass		
			38	20.12	3.00	23.12	<=33.01	Pass		
			74	20.01	3.00	23.01	<=33.01	Pass		
	36		0	19.11	3.00	22.11	<=33.01	Pass		
			18	19.20	3.00	22.20	<=33.01	Pass		
			39	19.07	3.00	22.07	<=33.01	Pass		
	75		0	19.12	3.00	22.12	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	21.81	3.00	24.81	<=33.01	Pass		
			50	21.46	3.00	24.46	<=33.01	Pass		
			99	21.05	3.00	24.05	<=33.01	Pass		
		50	0	20.60	3.00	23.60	<=33.01	Pass		
			25	20.37	3.00	23.37	<=33.01	Pass		
			50	20.29	3.00	23.29	<=33.01	Pass		
		100	0	20.51	3.00	23.51	<=33.01	Pass		
		1880	1	0	21.40	3.00	24.40	<=33.01	Pass	
				50	21.32	3.00	24.32	<=33.01	Pass	
	99			21.24	3.00	24.24	<=33.01	Pass		
	50		0	20.20	3.00	23.20	<=33.01	Pass		
			25	20.29	3.00	23.29	<=33.01	Pass		
			50	20.32	3.00	23.32	<=33.01	Pass		
	100	0	20.20	3.00	23.20	<=33.01	Pass			
	1900	1	0	21.01	3.00	24.01	<=33.01	Pass		
			50	21.45	3.00	24.45	<=33.01	Pass		
			99	20.85	3.00	23.85	<=33.01	Pass		
		50	0	20.38	3.00	23.38	<=33.01	Pass		
			25	20.20	3.00	23.20	<=33.01	Pass		
			50	20.03	3.00	23.03	<=33.01	Pass		
		100	0	20.21	3.00	23.21	<=33.01	Pass		
		16QAM	1860	1	0	21.33	3.00	24.33	<=33.01	Pass
					50	20.82	3.00	23.82	<=33.01	Pass
	99				20.68	3.00	23.68	<=33.01	Pass	
50	0			19.70	3.00	22.70	<=33.01	Pass		
	25			19.40	3.00	22.40	<=33.01	Pass		
	50			19.22	3.00	22.22	<=33.01	Pass		
100	0			19.45	3.00	22.45	<=33.01	Pass		
1880	1			0	20.47	3.00	23.47	<=33.01	Pass	
				50	20.41	3.00	23.41	<=33.01	Pass	
			99	19.72	3.00	22.72	<=33.01	Pass		
	50		0	19.13	3.00	22.13	<=33.01	Pass		
			25	19.21	3.00	22.21	<=33.01	Pass		
			50	19.22	3.00	22.22	<=33.01	Pass		
100	0		19.24	3.00	22.24	<=33.01	Pass			
1900	1		0	21.09	3.00	24.09	<=33.01	Pass		
			50	21.12	3.00	24.12	<=33.01	Pass		
			99	20.98	3.00	23.98	<=33.01	Pass		
	50		0	19.25	3.00	22.25	<=33.01	Pass		
			25	19.20	3.00	22.20	<=33.01	Pass		
			50	18.93	3.00	21.93	<=33.01	Pass		
	100		0	19.13	3.00	22.13	<=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	-3.562	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.713	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.416	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.904	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.366	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.885	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.556	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.988	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.909	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.476	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.171	-0.0028	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

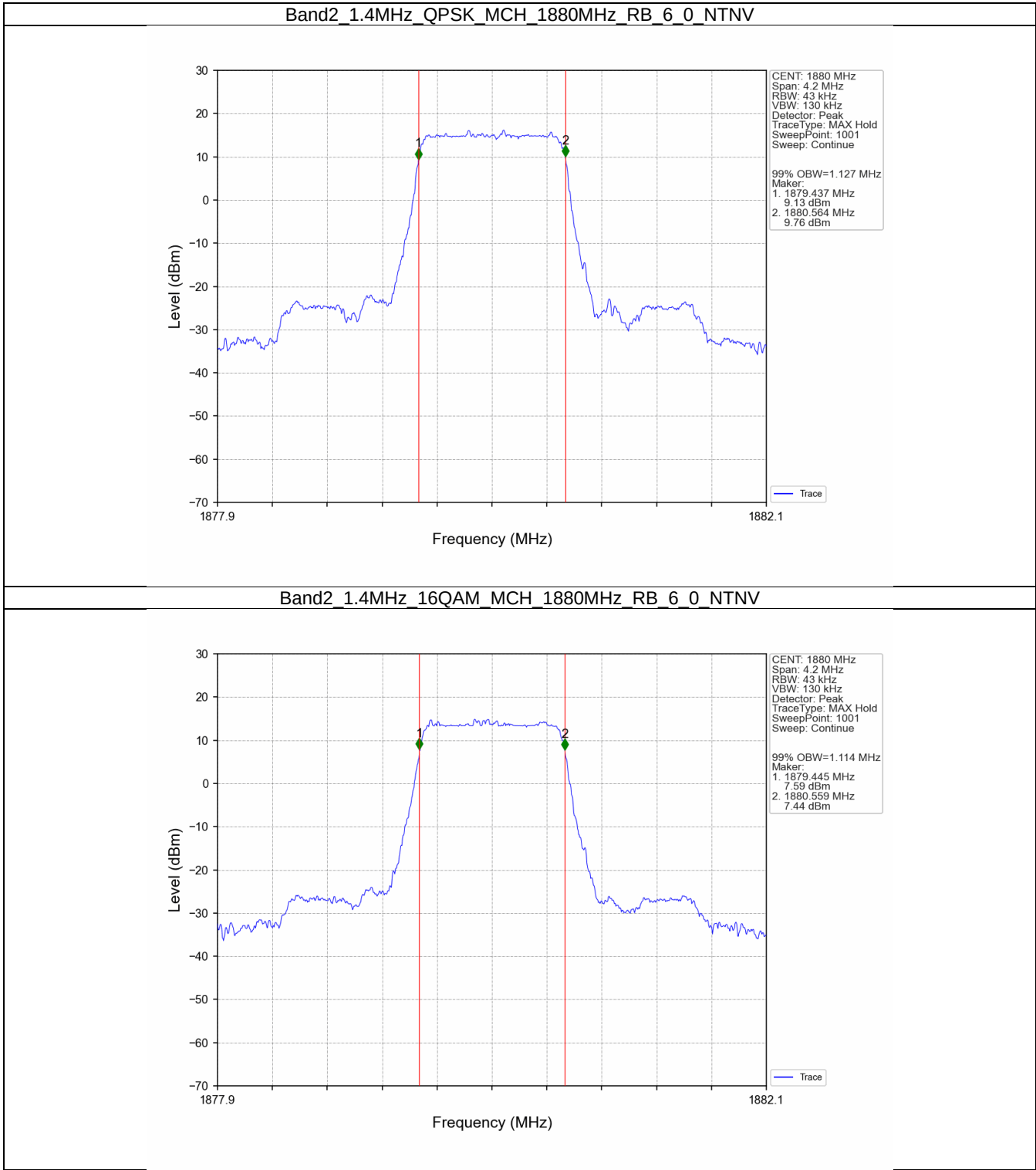
Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.127	/	Pass
	16QAM	1880	6	0	1.114	/	Pass
3	QPSK	1880	15	0	2.737	/	Pass
	16QAM	1880	15	0	2.742	/	Pass
5	QPSK	1880	25	0	4.575	/	Pass
	16QAM	1880	25	0	4.559	/	Pass
10	QPSK	1880	50	0	9.047	/	Pass
	16QAM	1880	50	0	9.001	/	Pass
15	QPSK	1880	75	0	13.534	/	Pass
	16QAM	1880	75	0	13.500	/	Pass
20	QPSK	1880	100	0	18.003	/	Pass
	16QAM	1880	100	0	18.030	/	Pass

3.1.2 Band2_XDB

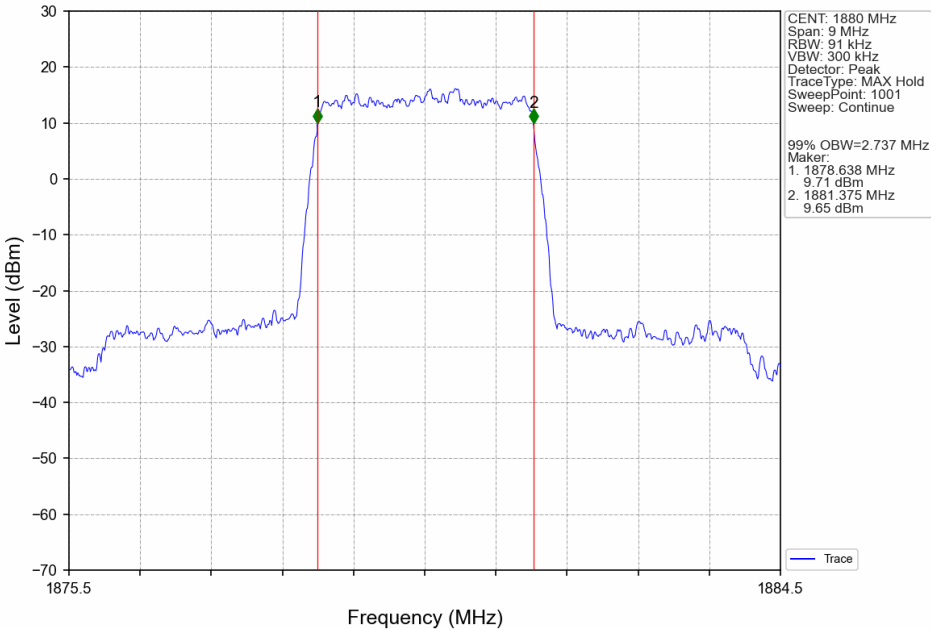
Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1880	6	0	1.330	/	Pass
	16QAM	1880	6	0	1.332	/	Pass
3	QPSK	1880	15	0	3.066	/	Pass
	16QAM	1880	15	0	3.074	/	Pass
5	QPSK	1880	25	0	5.049	/	Pass
	16QAM	1880	25	0	5.125	/	Pass
10	QPSK	1880	50	0	10.096	/	Pass
	16QAM	1880	50	0	10.016	/	Pass
15	QPSK	1880	75	0	15.000	/	Pass
	16QAM	1880	75	0	14.914	/	Pass
20	QPSK	1880	100	0	19.683	/	Pass
	16QAM	1880	100	0	19.717	/	Pass

3.2 Test Graph

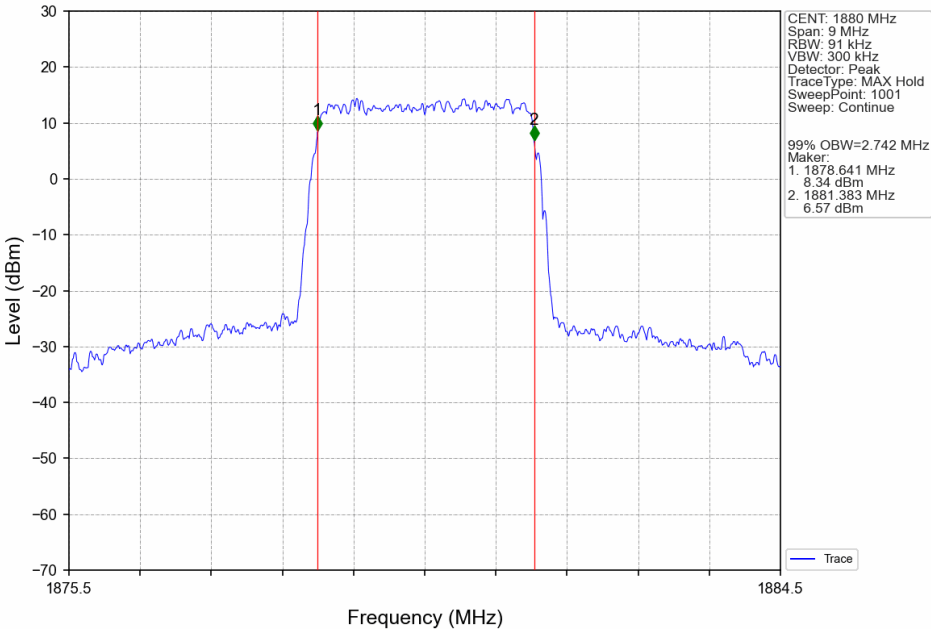
3.2.1 Band2_OBW



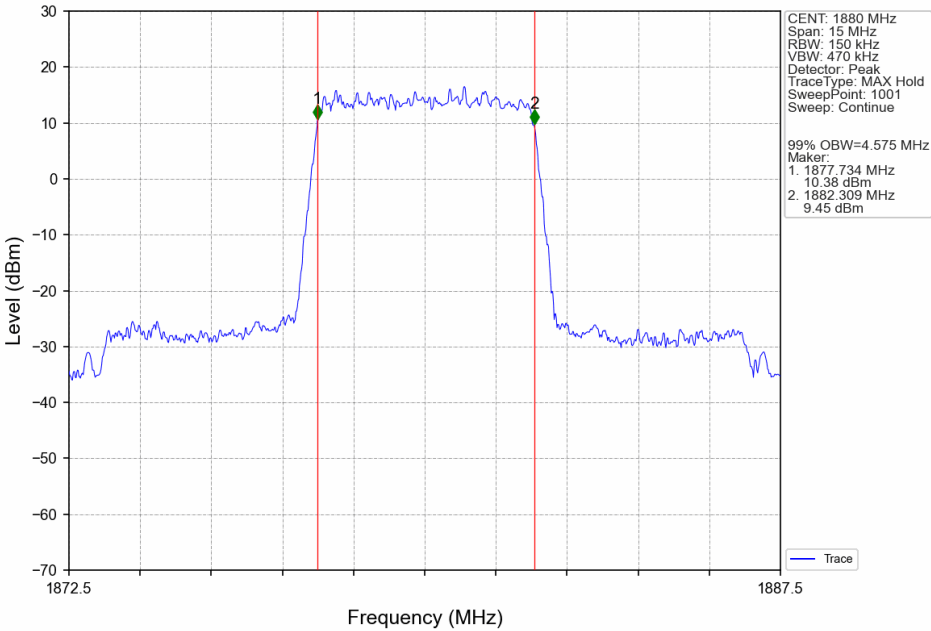
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



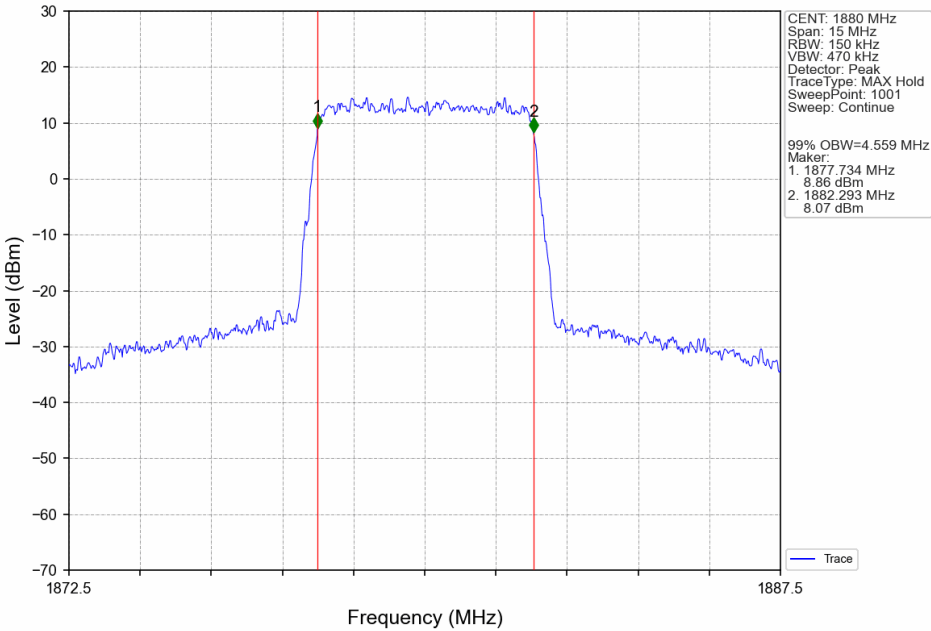
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



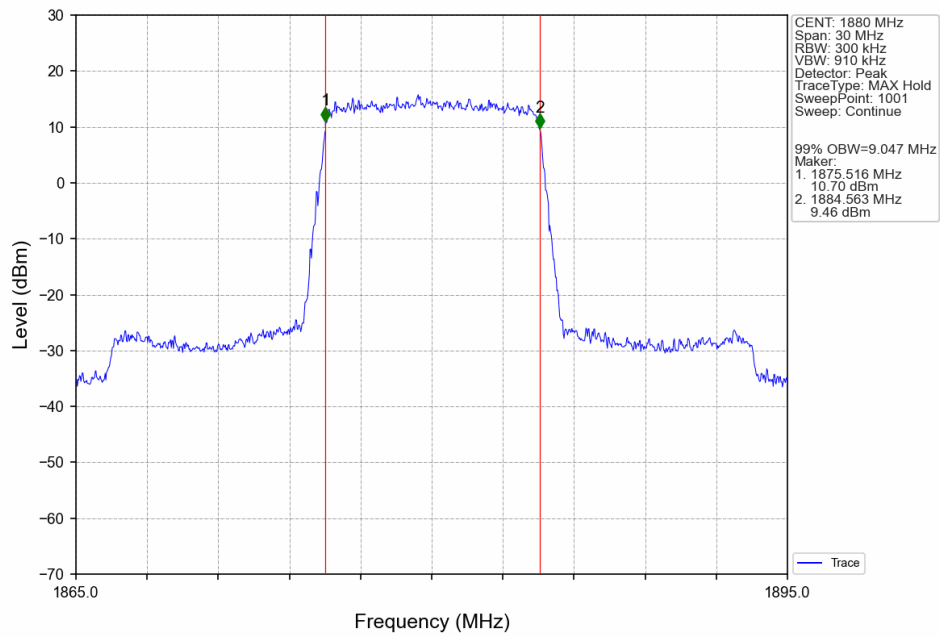
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTN



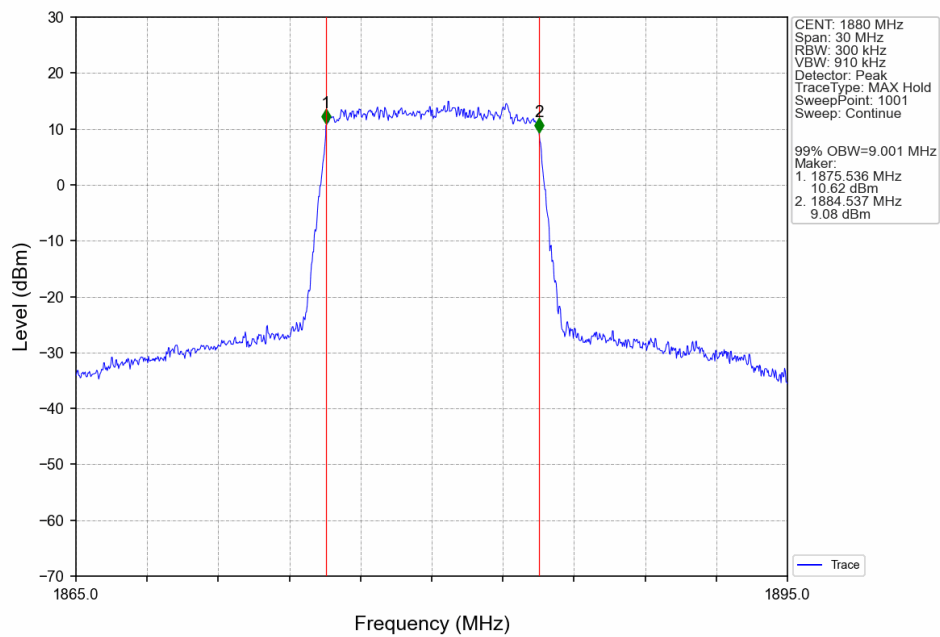
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



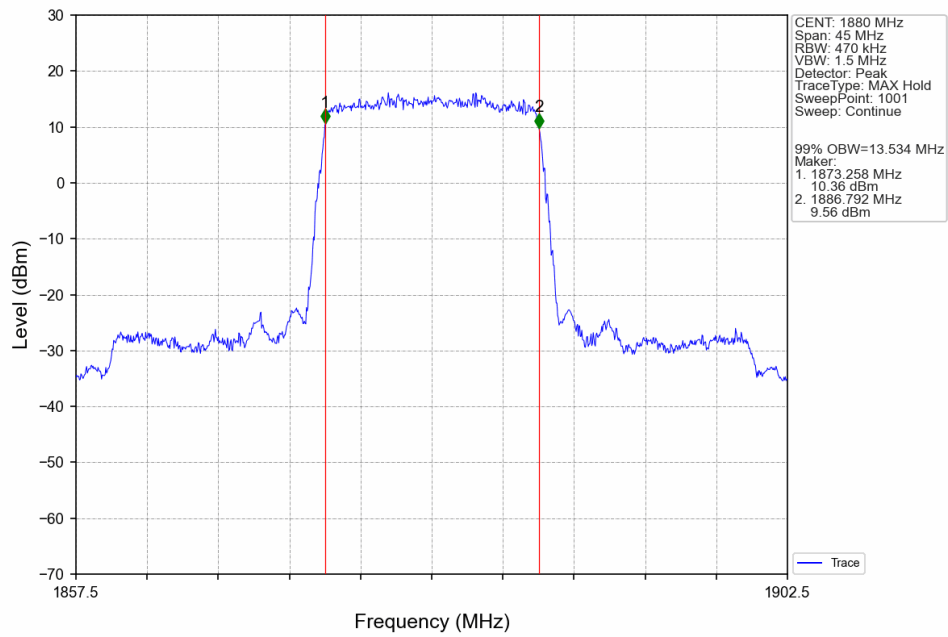
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



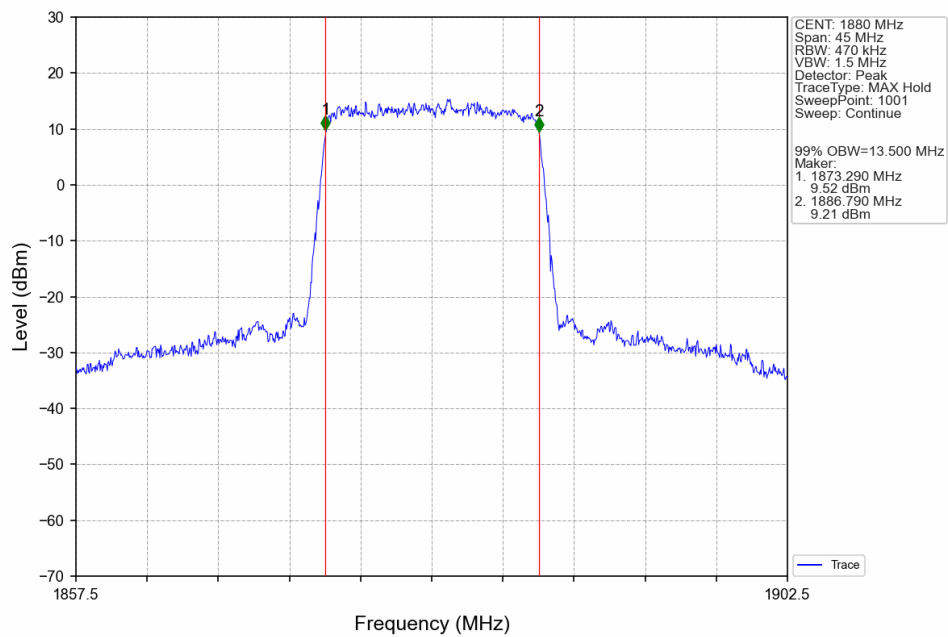
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



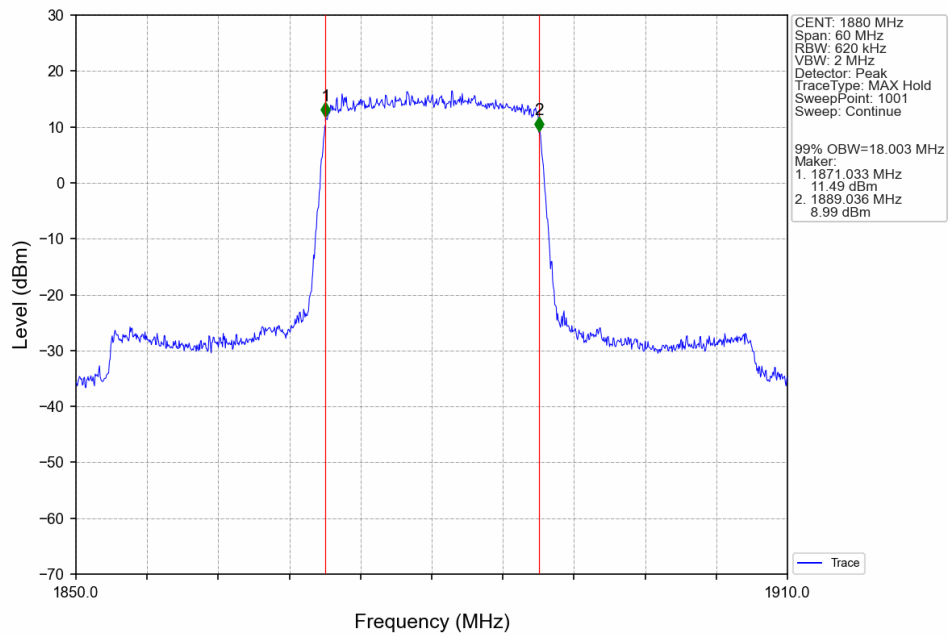
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



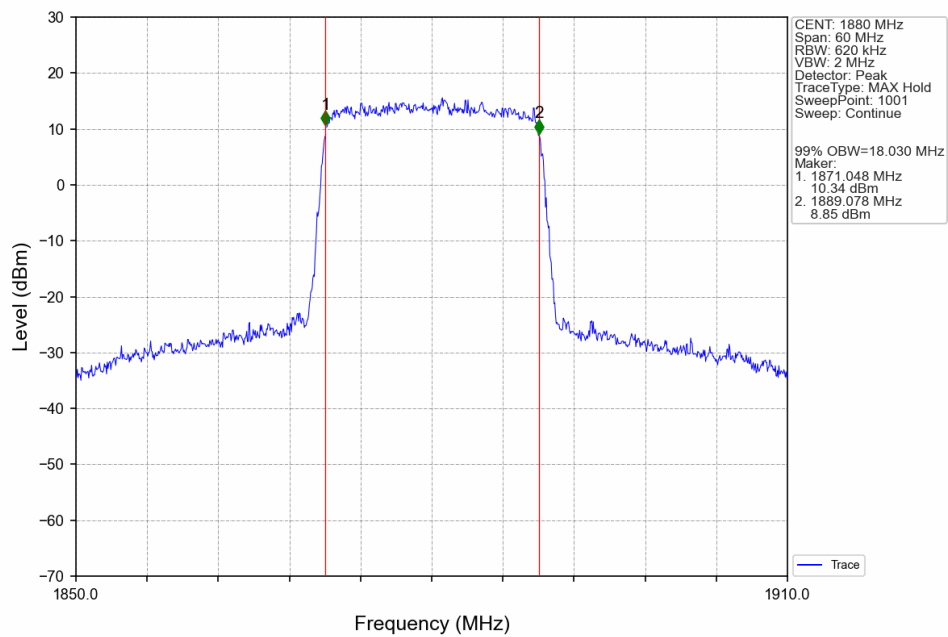
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



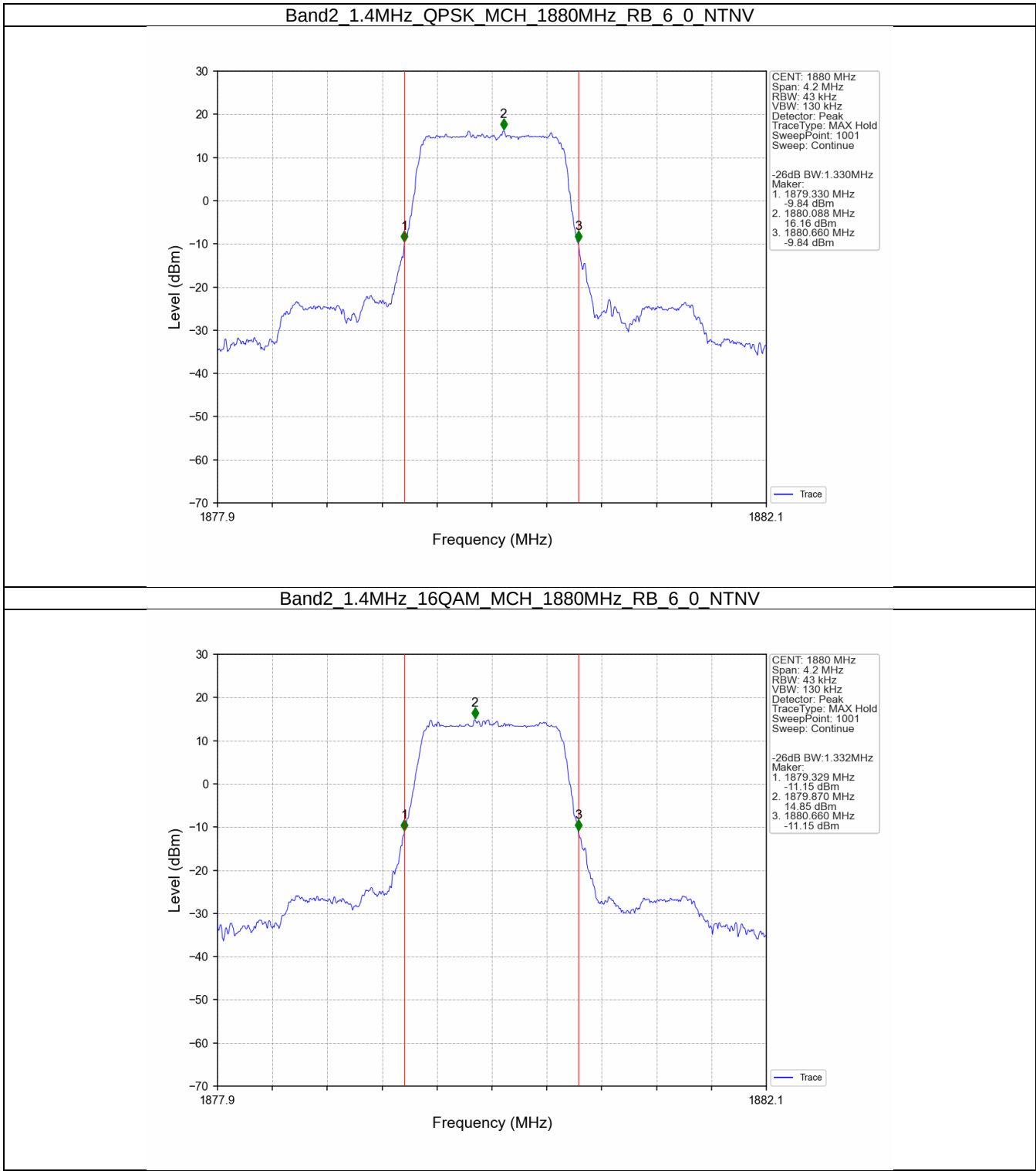
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



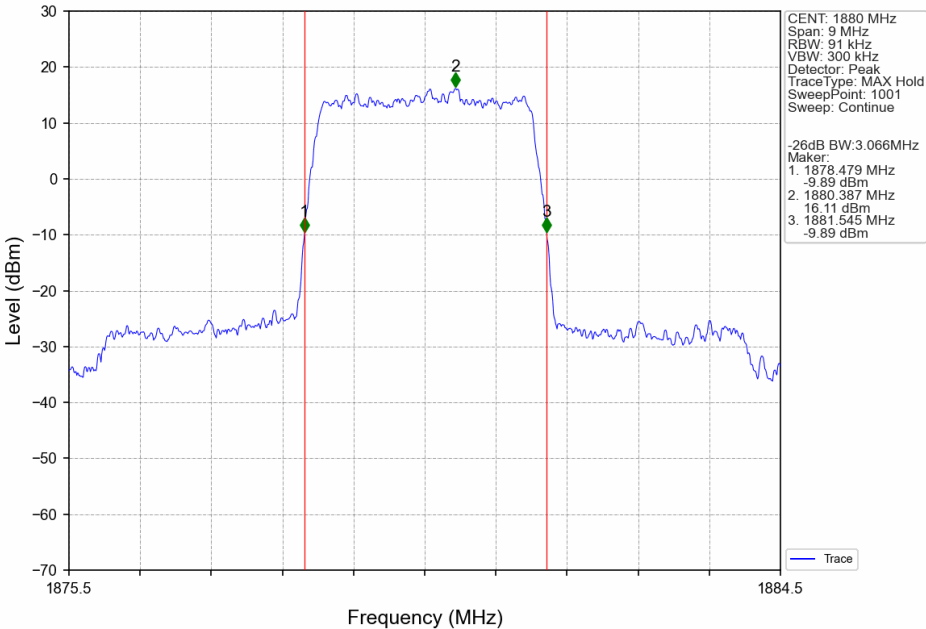
Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



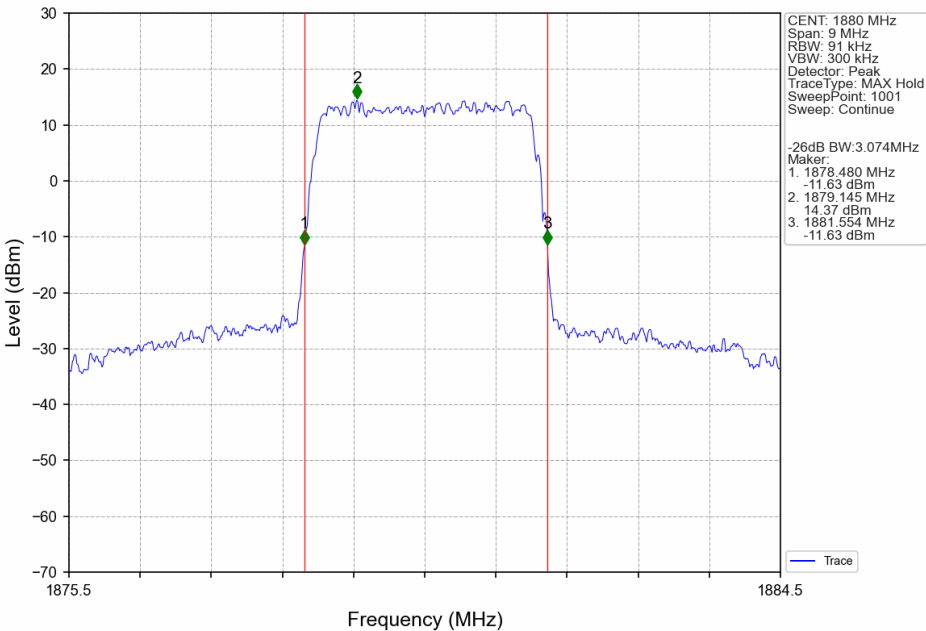
3.2.2 Band2_XDB



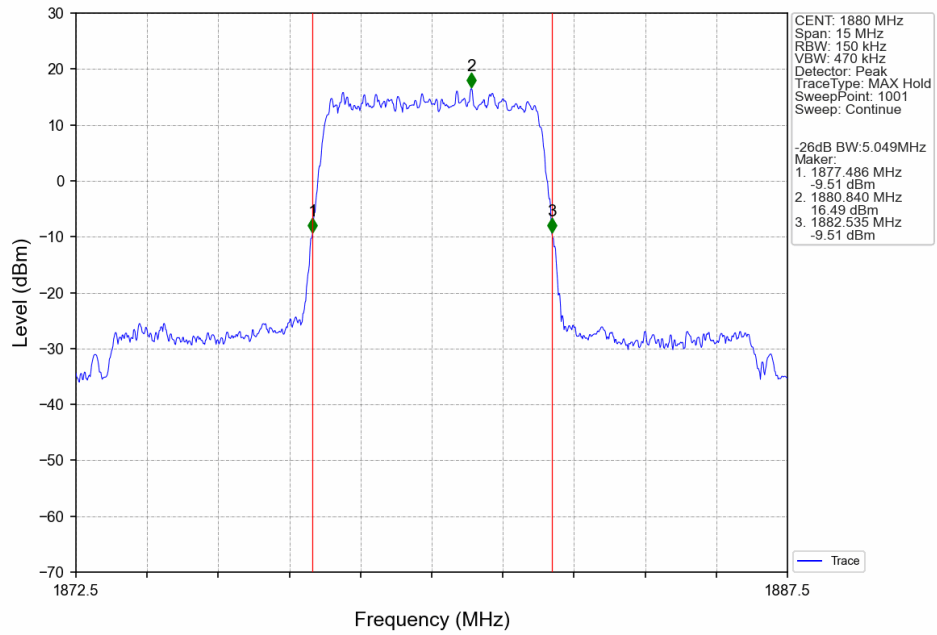
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



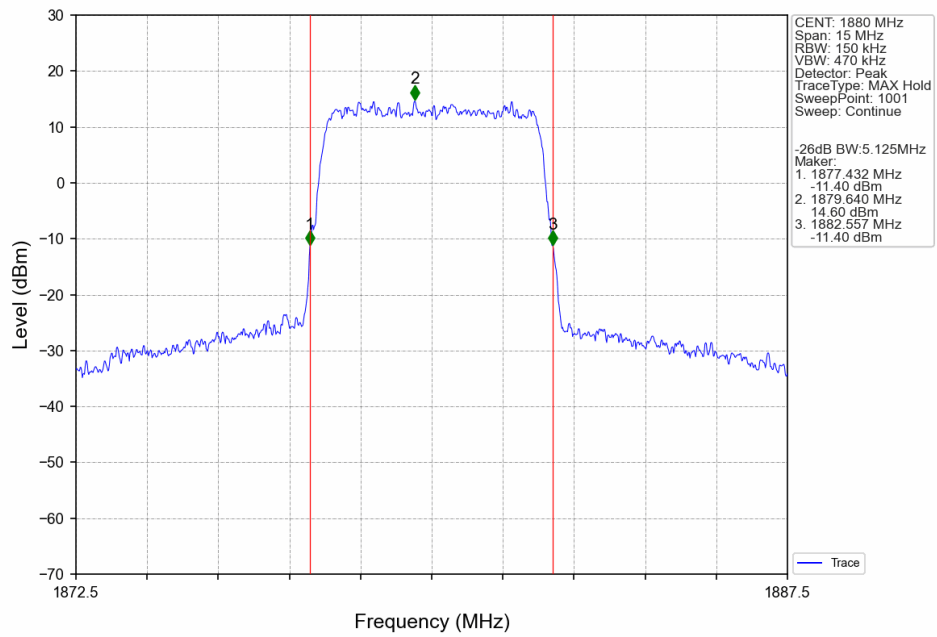
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



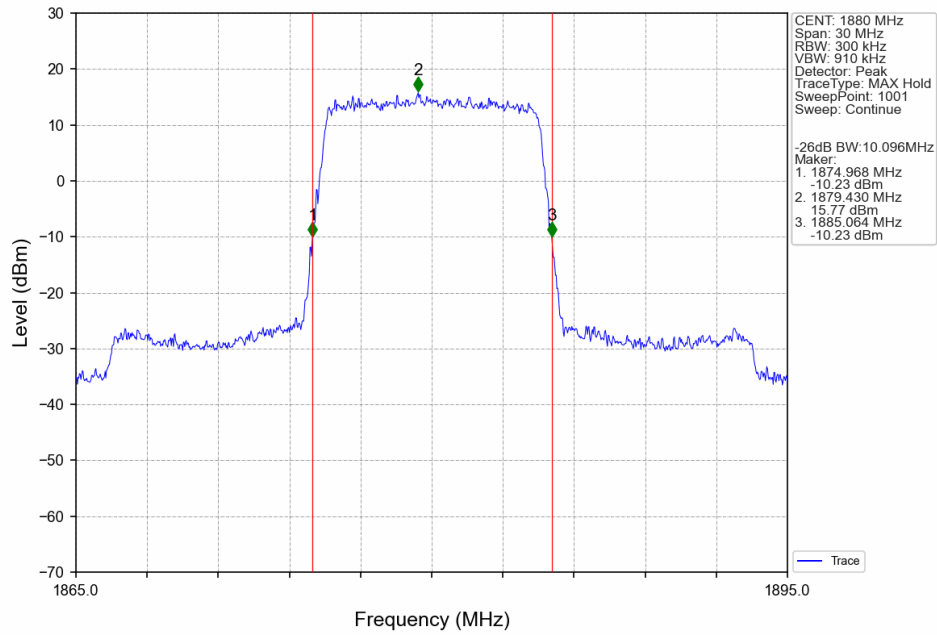
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTN



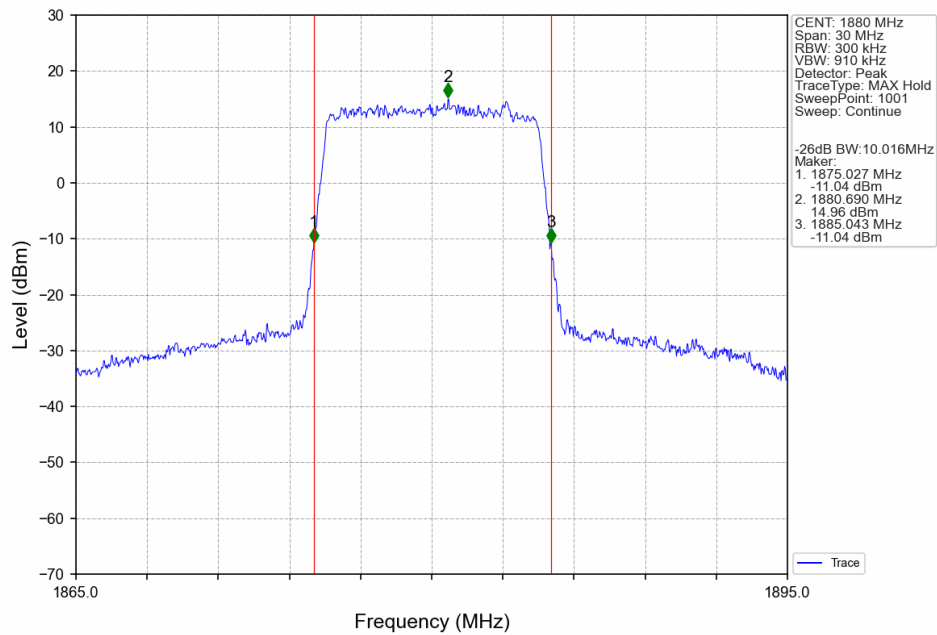
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



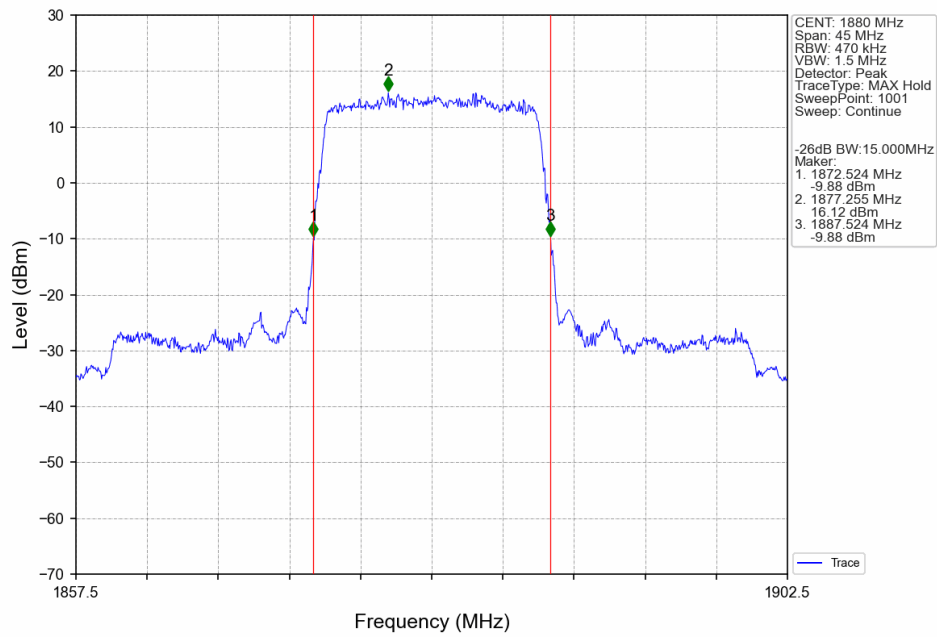
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



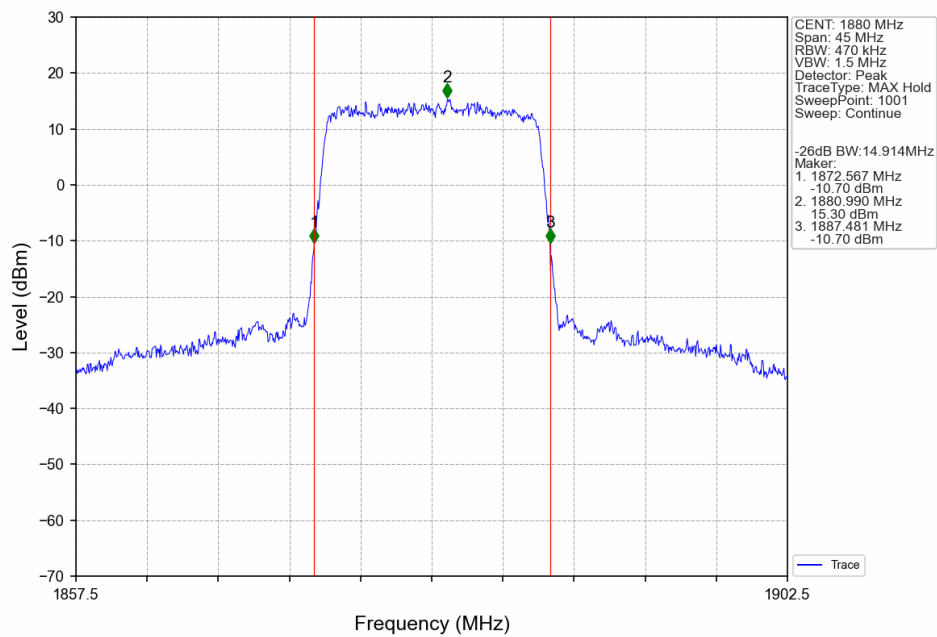
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



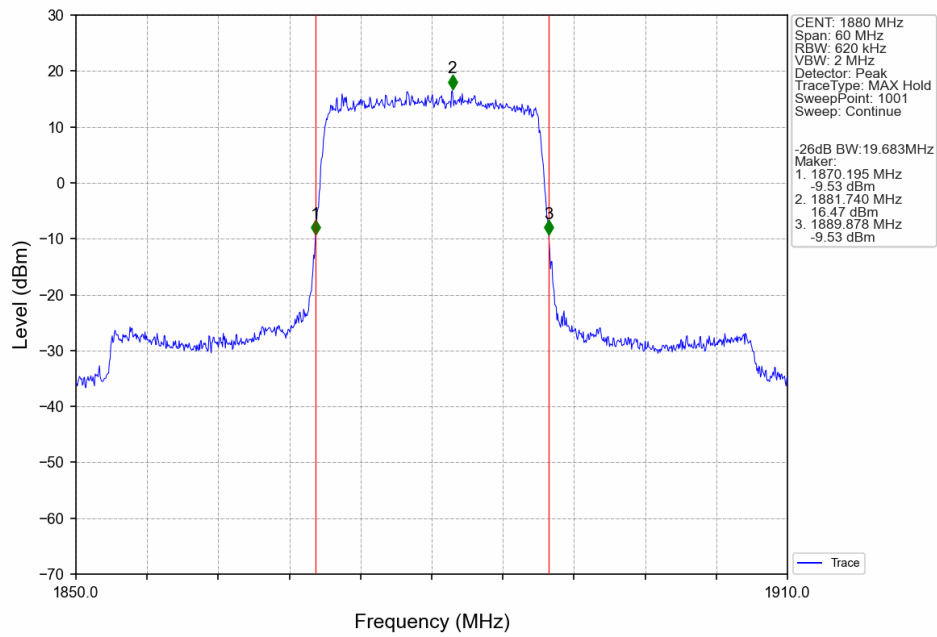
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



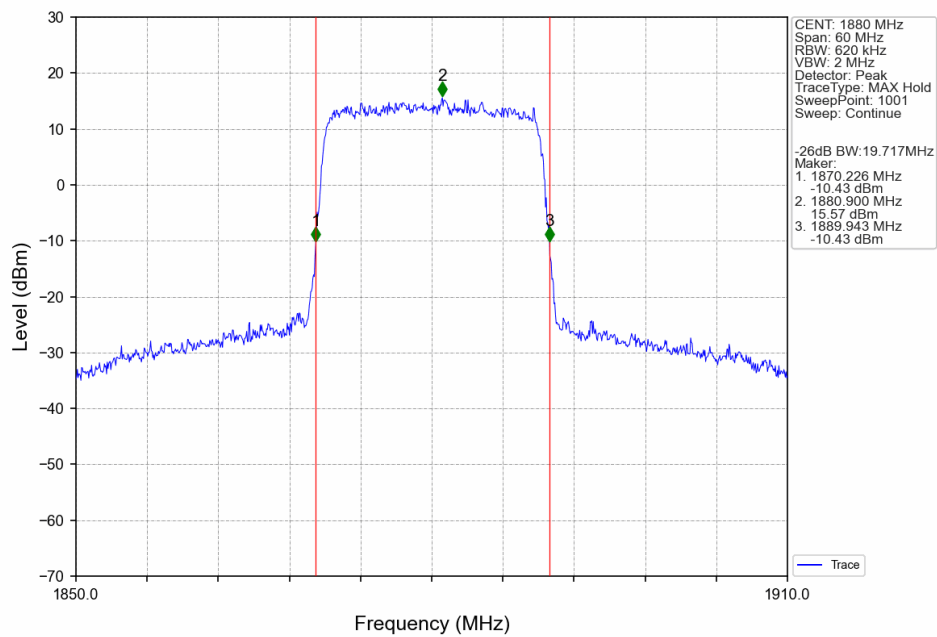
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

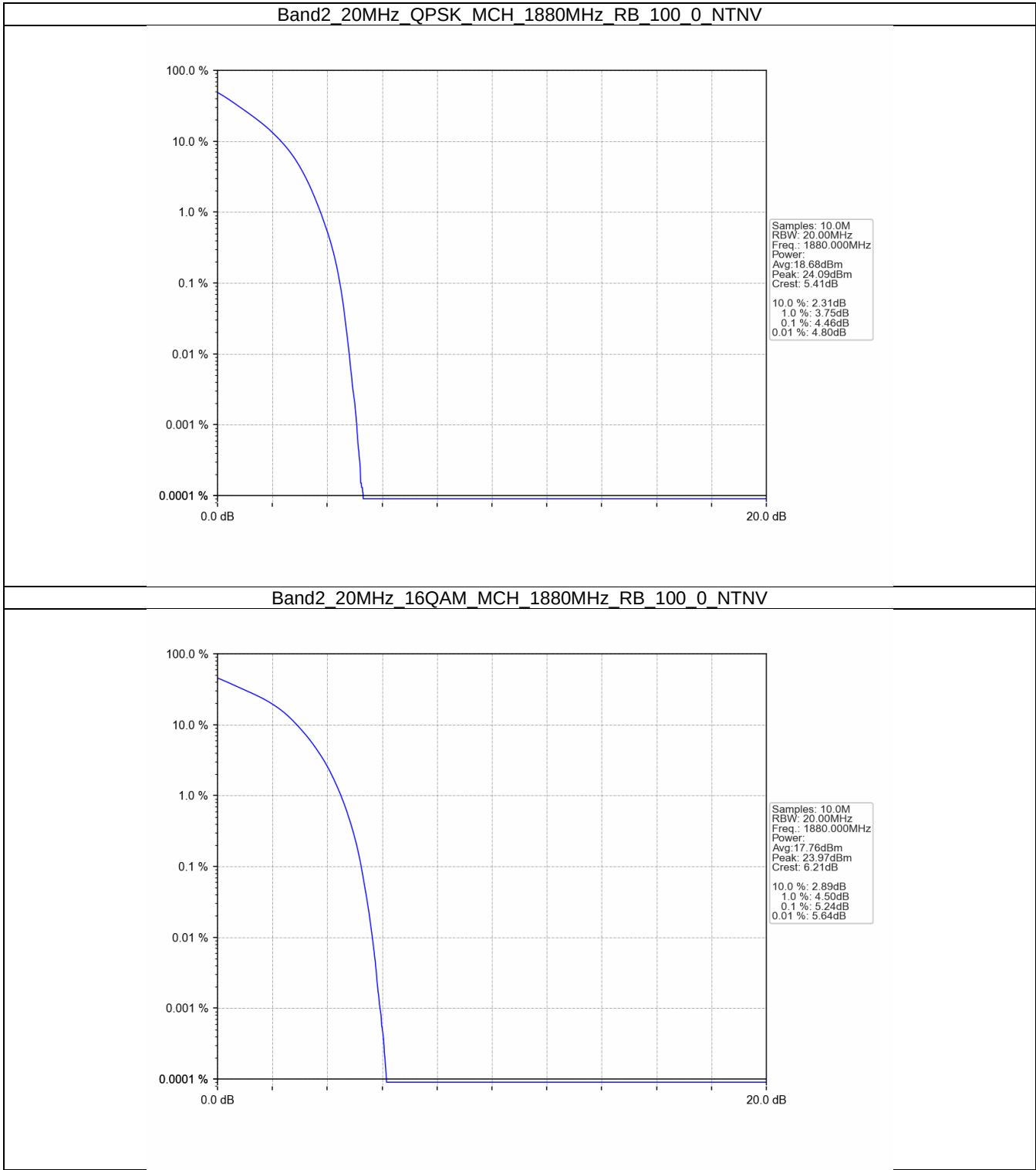
4.1 Test Result

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	4.46	<=13	Pass
16QAM	1880	100	0	5.24	<=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 / 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

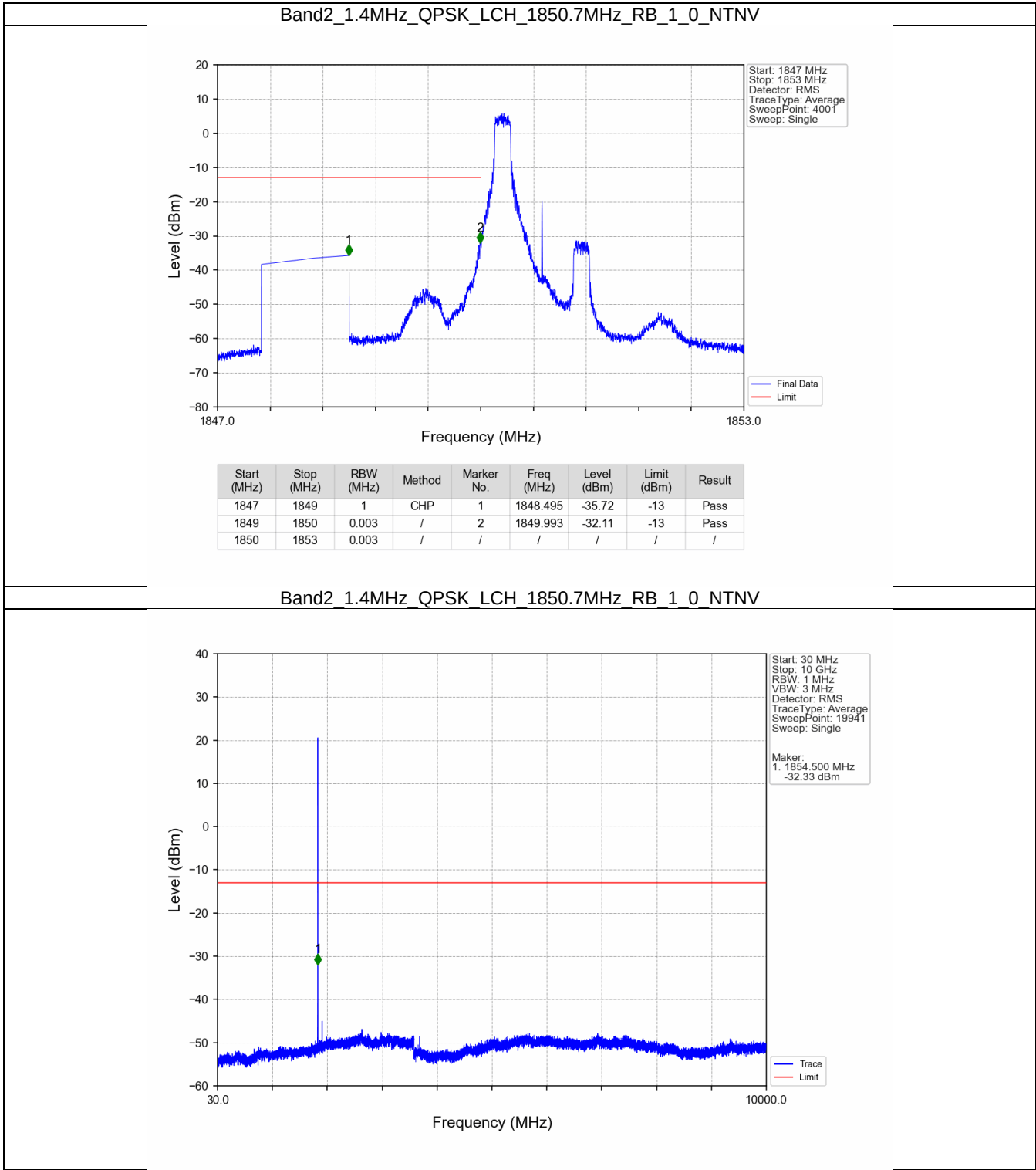
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B2_20MHz

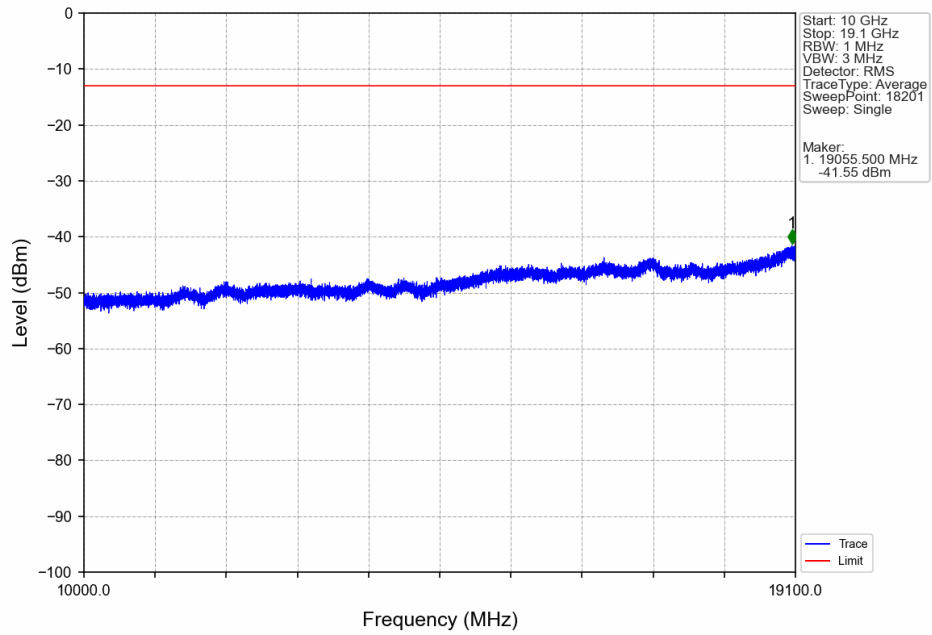
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

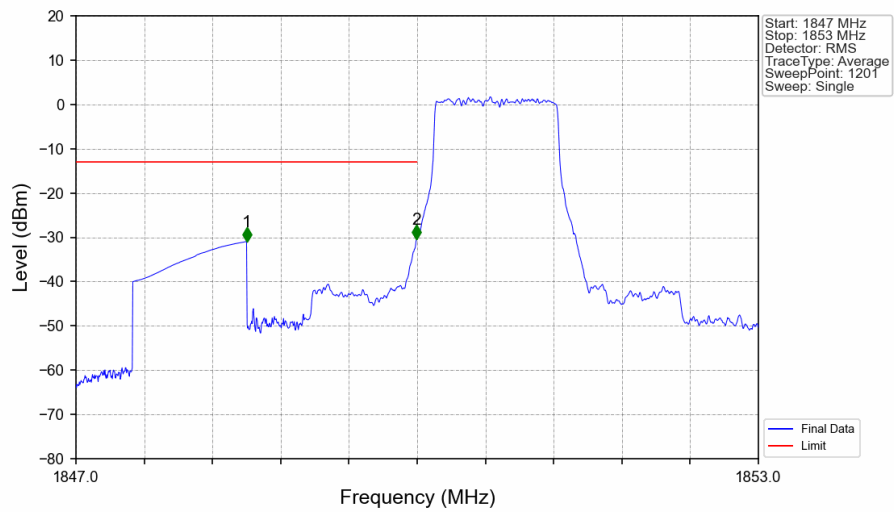
5.2.1 B2_1.4MHz



Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV

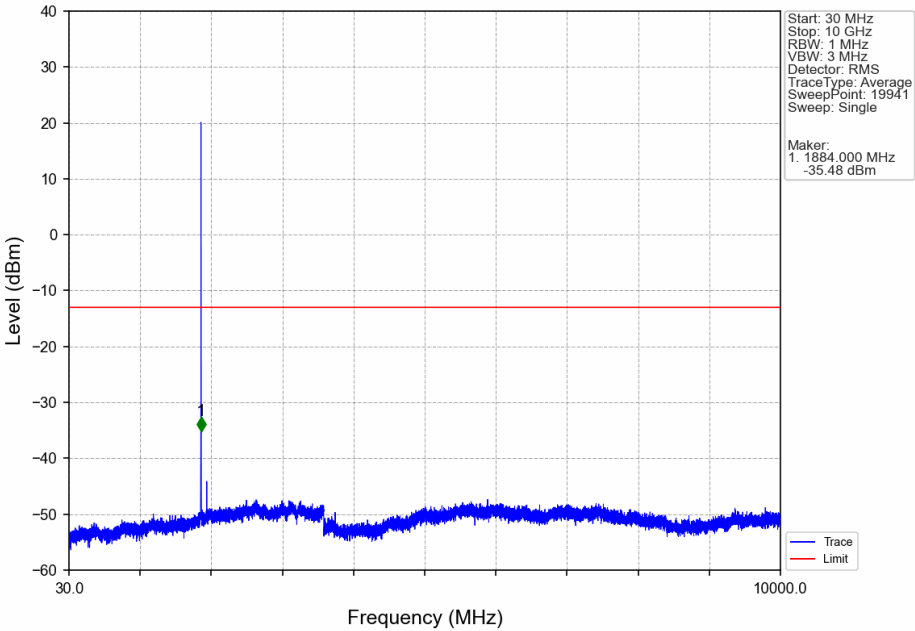


Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV

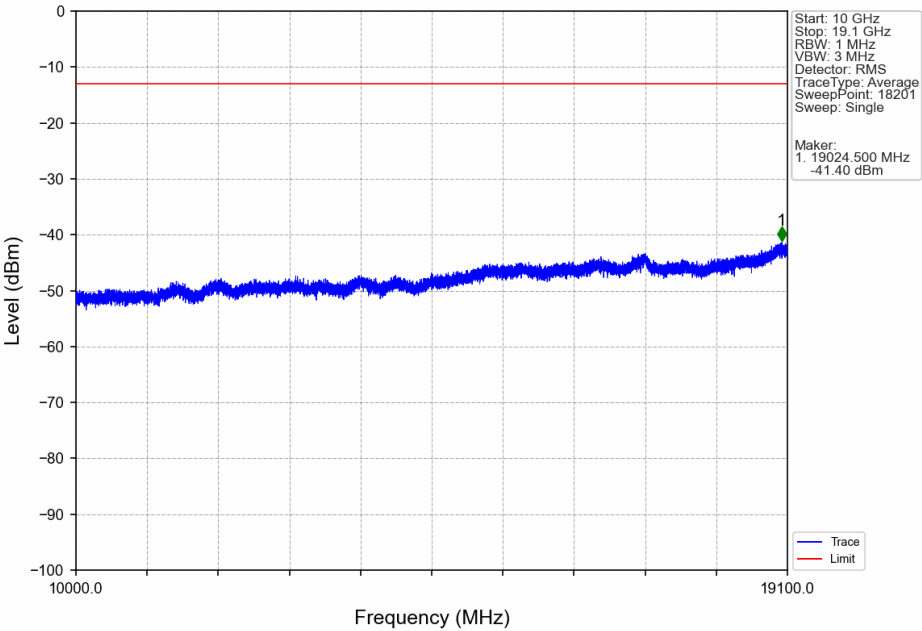


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-30.94	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-30.43	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

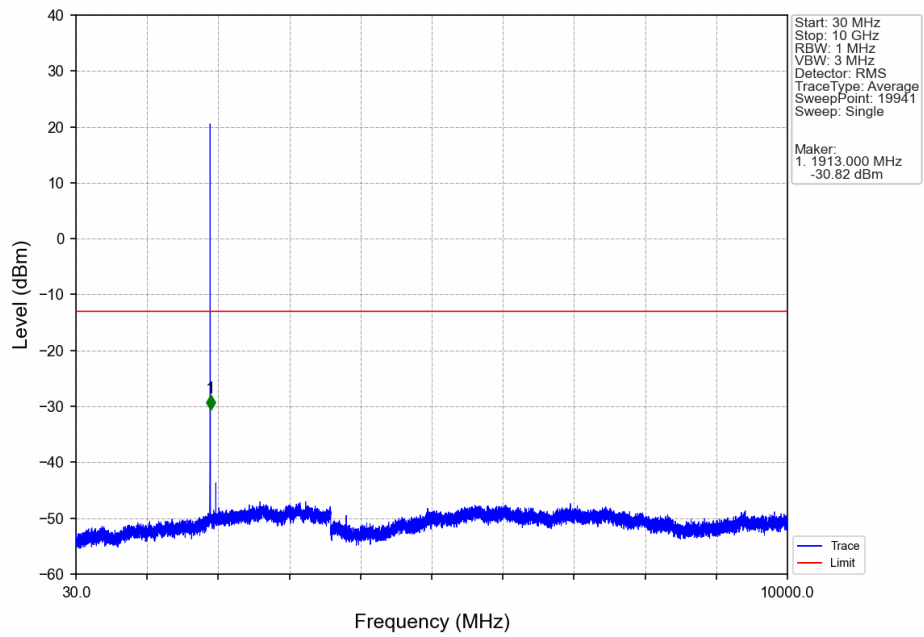
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



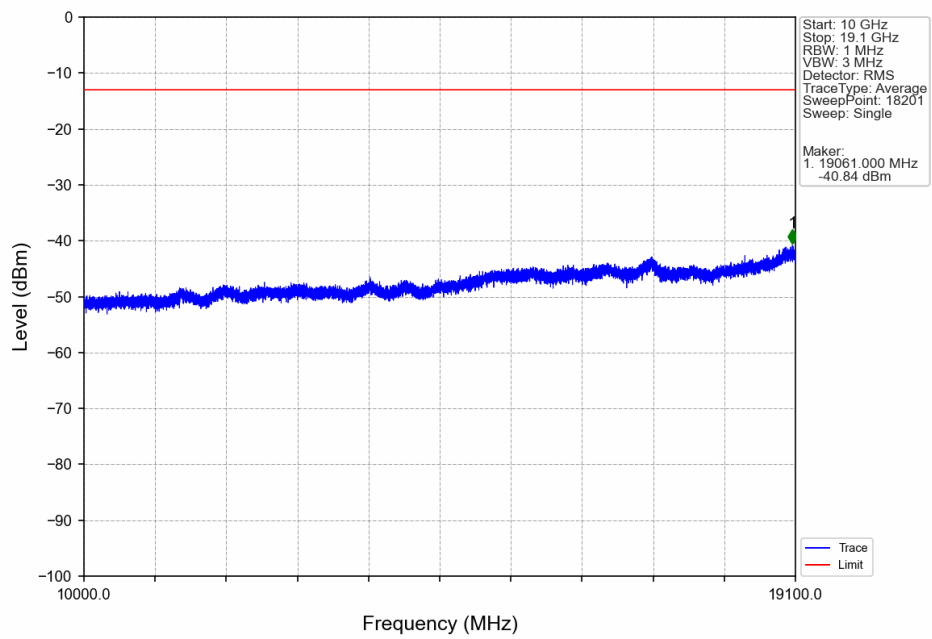
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



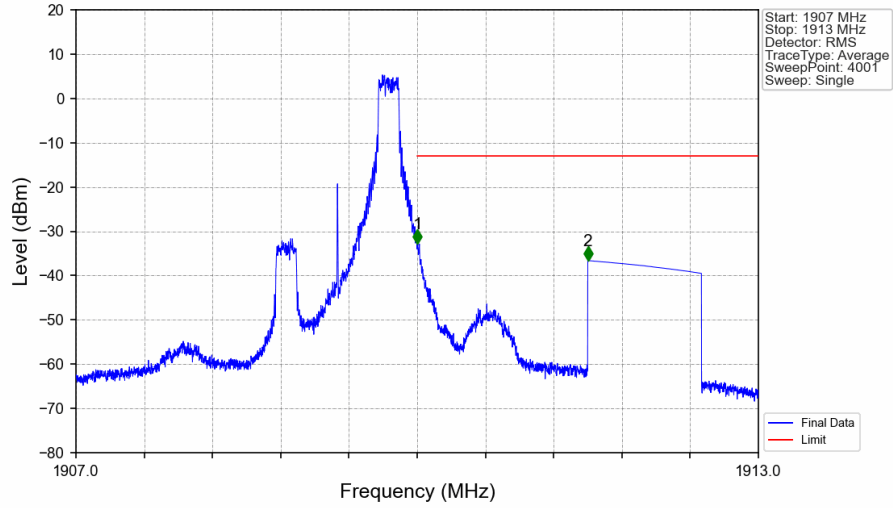
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV

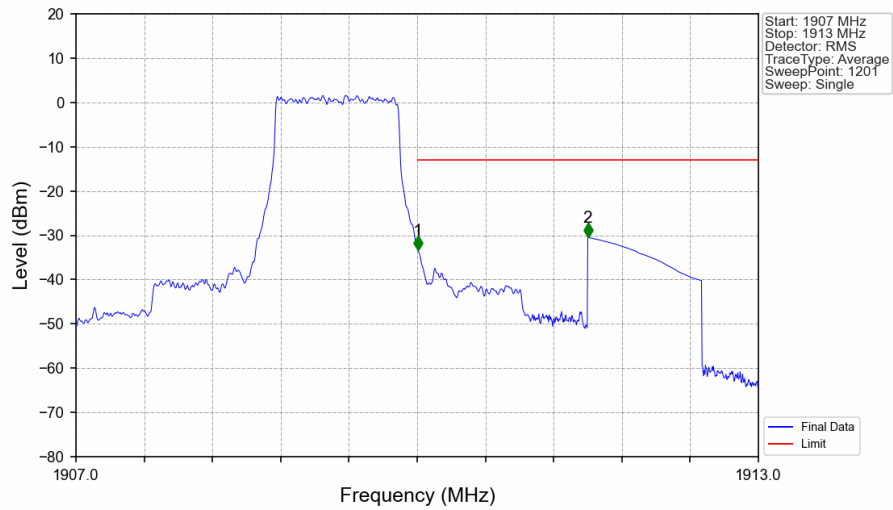


Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5 NTV



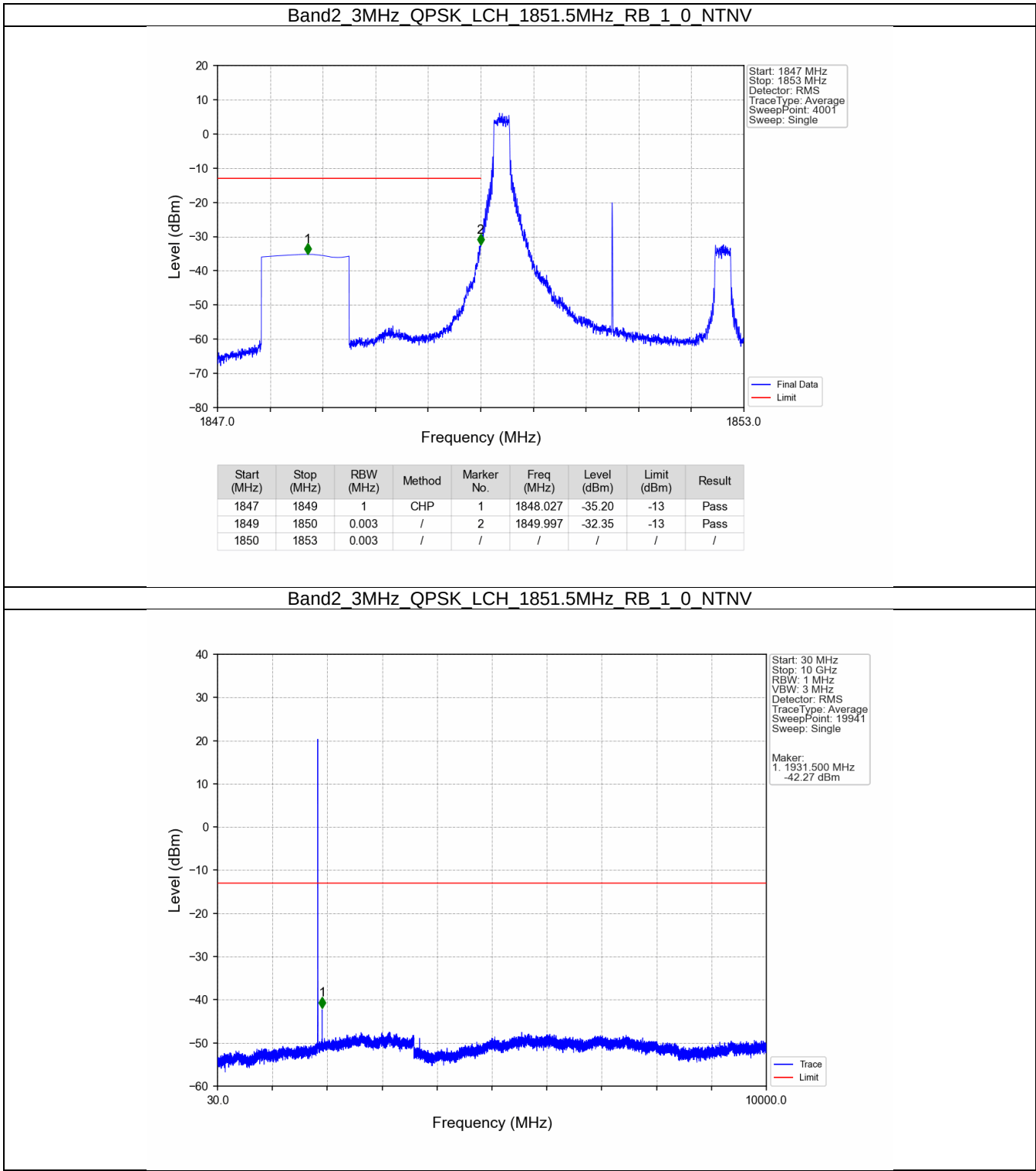
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-32.75	-13	Pass
1911	1913	1	CHP	2	1911.500	-36.61	-13	Pass

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV

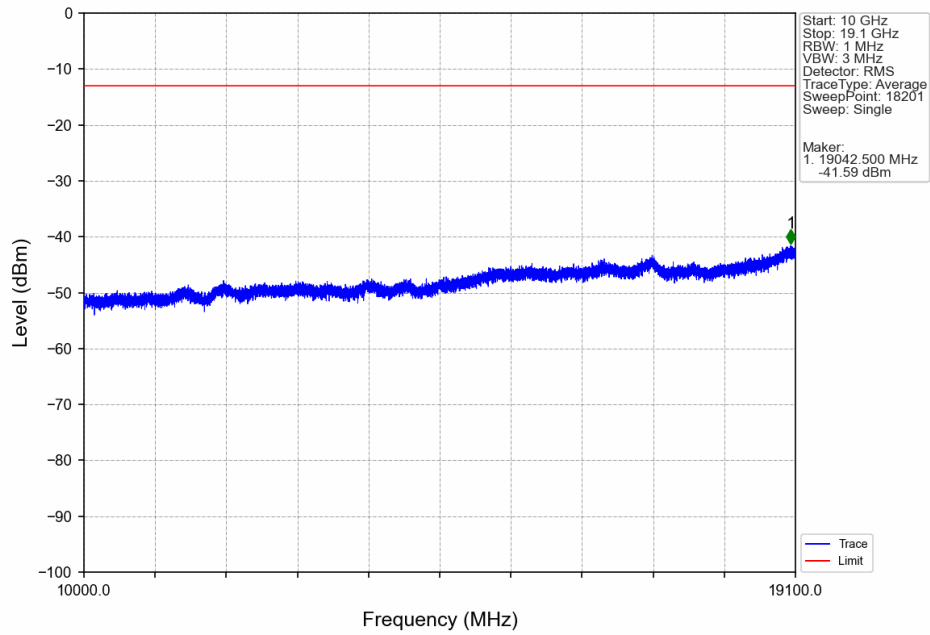


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.013	CHP	/	/	/	/	/
1910	1911	0.013	CHP	1	1910.005	-33.26	-13	Pass
1911	1913	1	CHP	2	1911.500	-30.48	-13	Pass

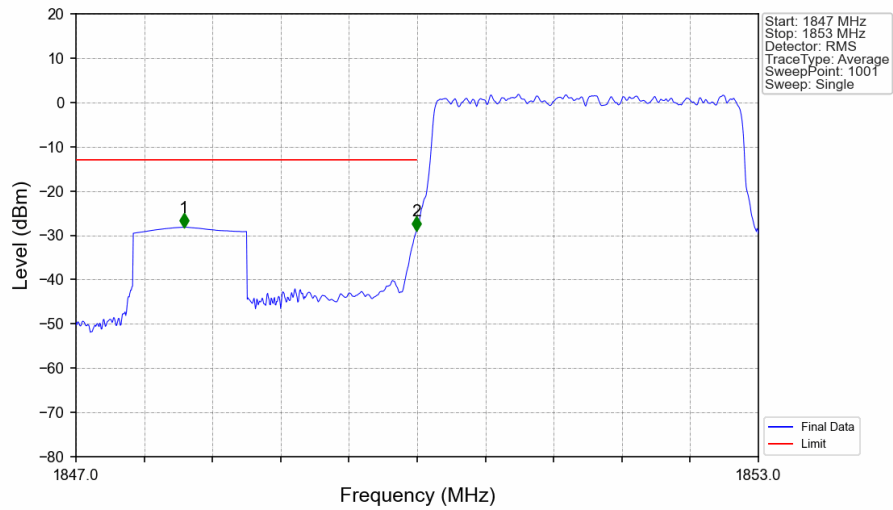
5.2.2 B2_3MHz



Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV

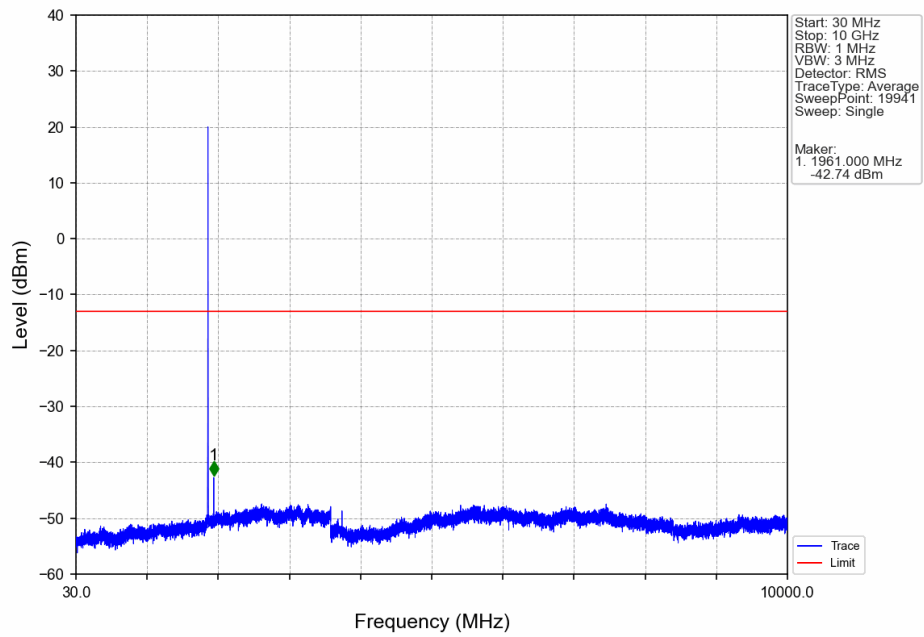


Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV

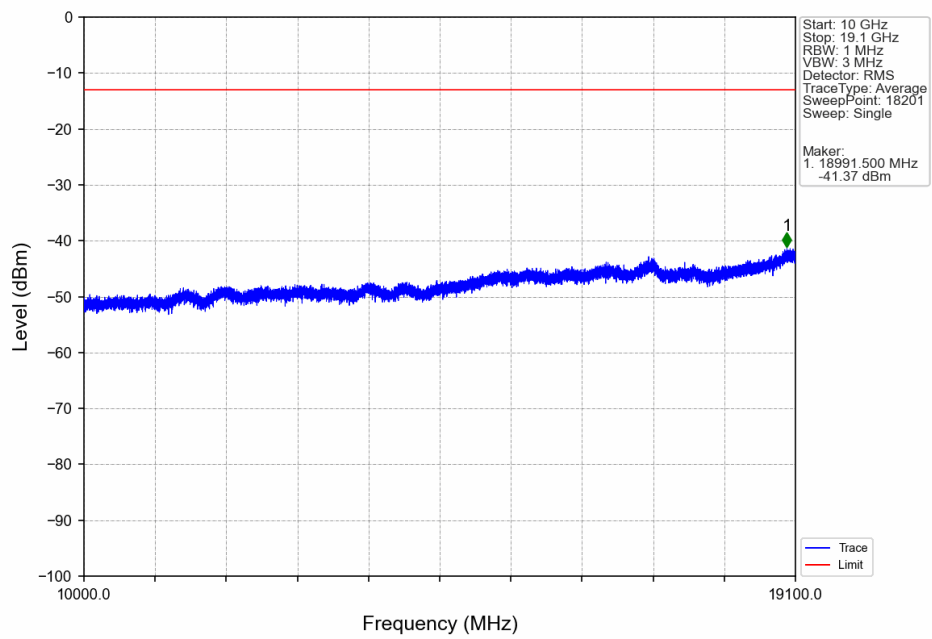


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.948	-28.16	-13	Pass
1849	1850	0.031	CHP	2	1849.994	-29.01	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

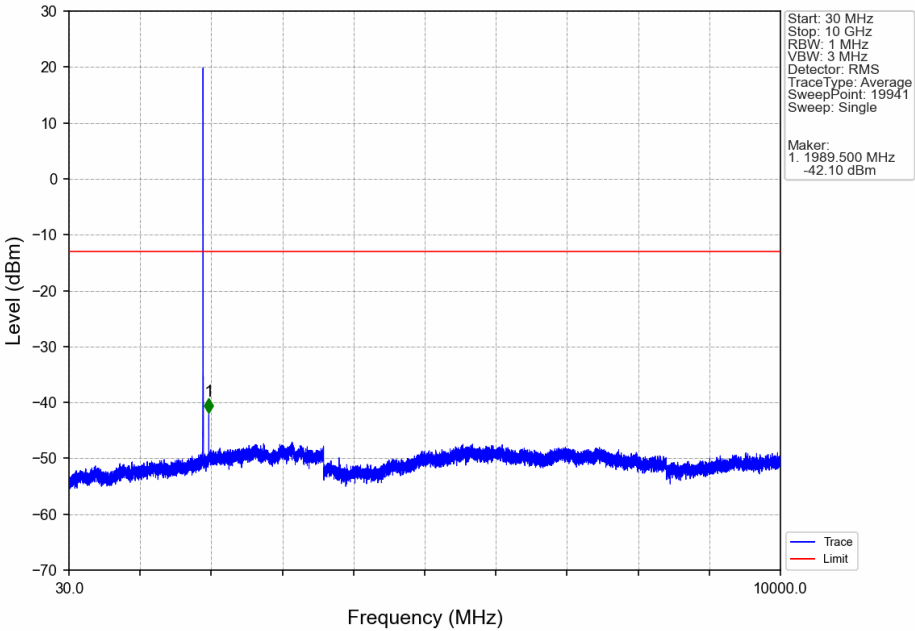
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



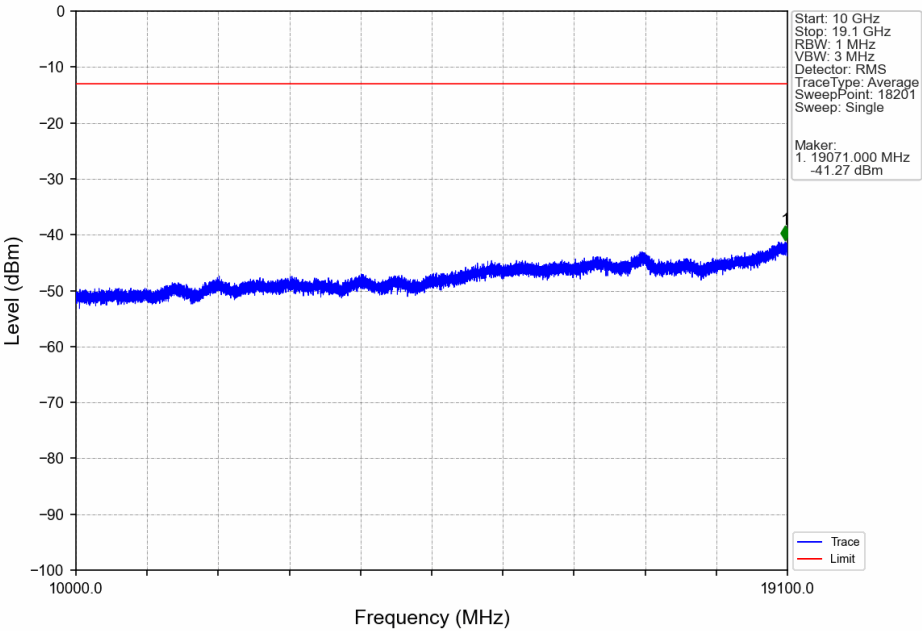
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



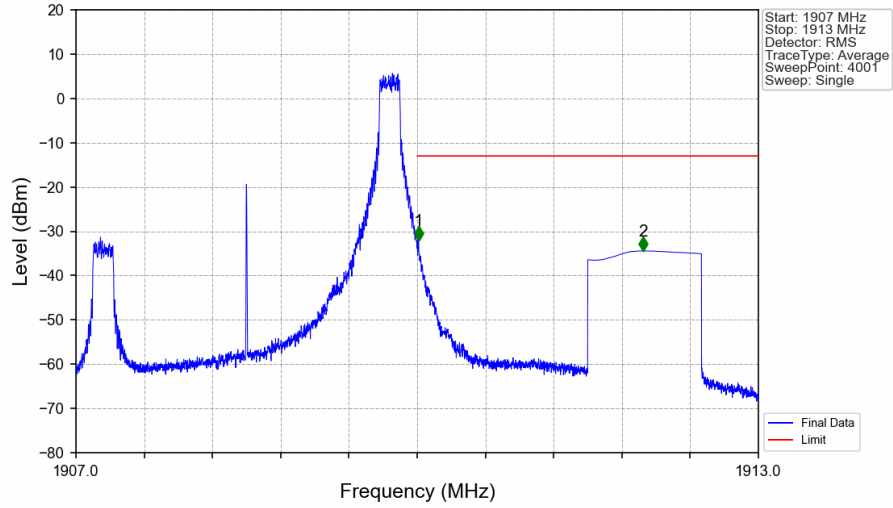
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN

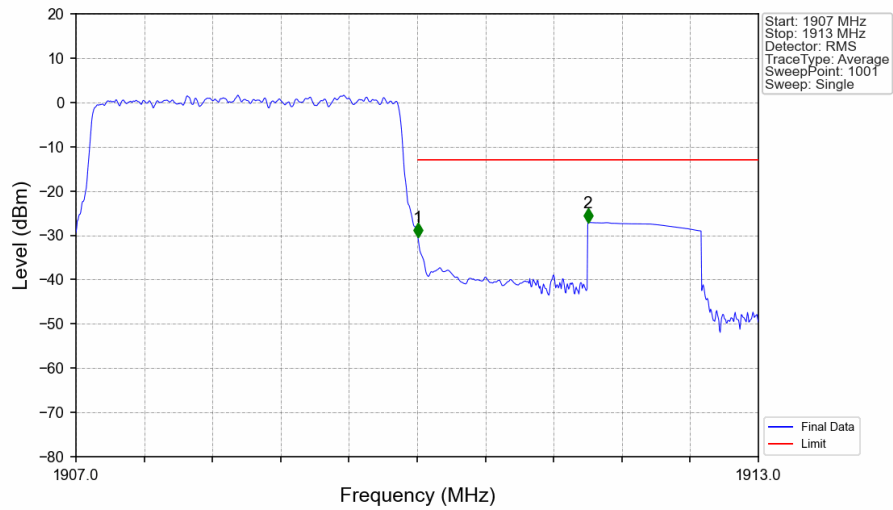


Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTV



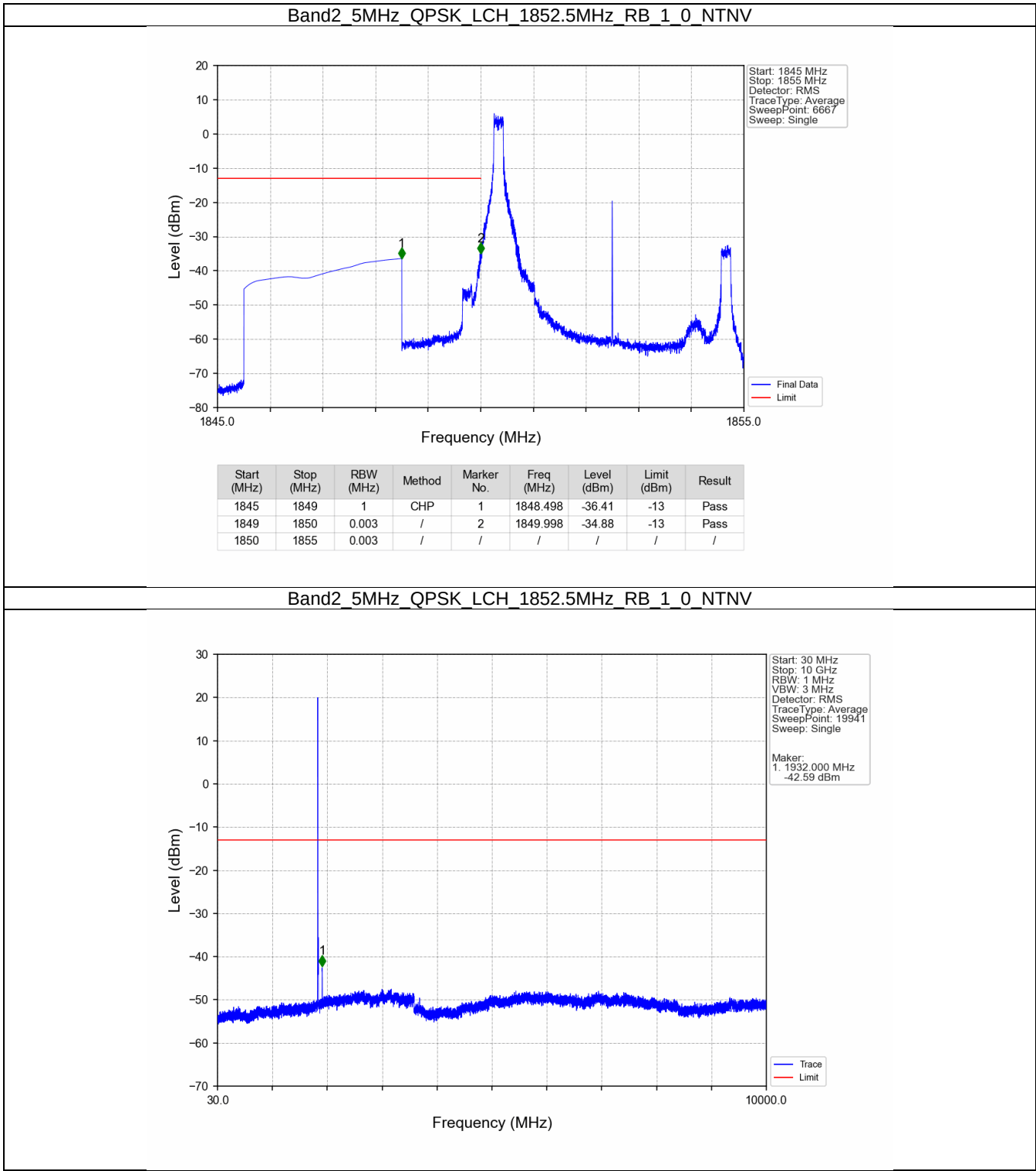
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.012	-32.02	-13	Pass
1911	1913	1	CHP	2	1911.985	-34.43	-13	Pass

Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV

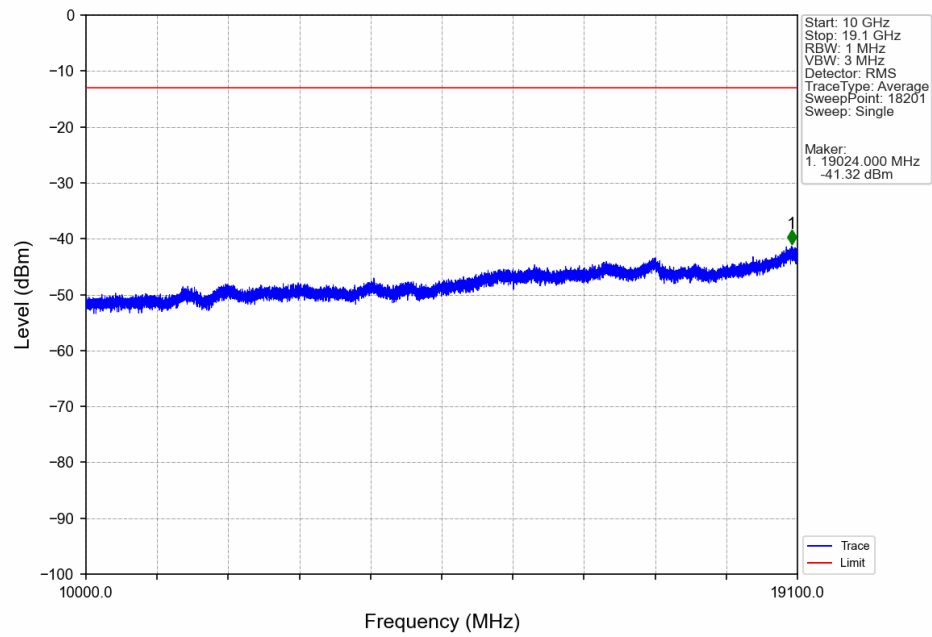


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.031	CHP	/	/	/	/	/
1910	1911	0.031	CHP	1	1910.006	-30.47	-13	Pass
1911	1913	1	CHP	2	1911.500	-27.06	-13	Pass

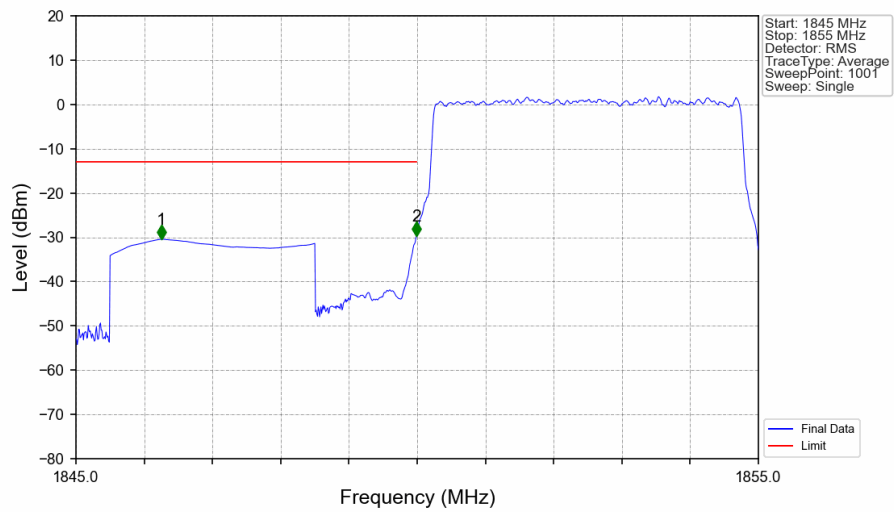
5.2.3 B2_5MHz



Band2 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV

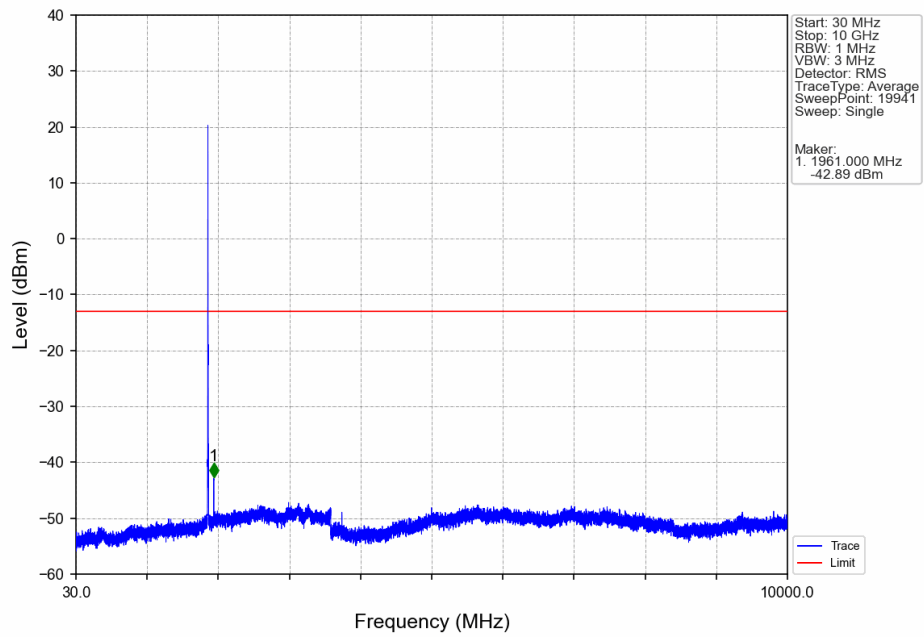


Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV

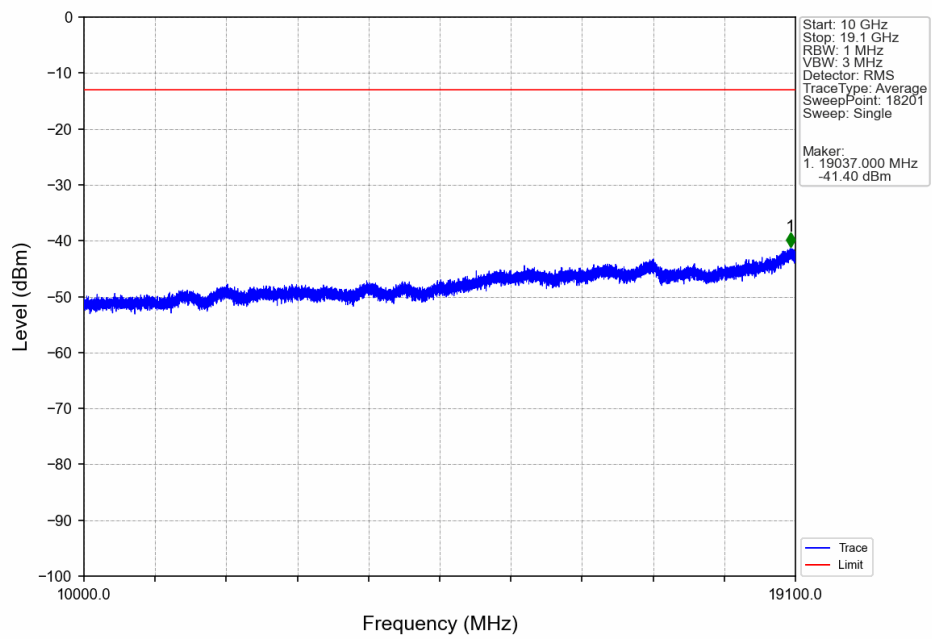


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1846.250	-30.44	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-29.65	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

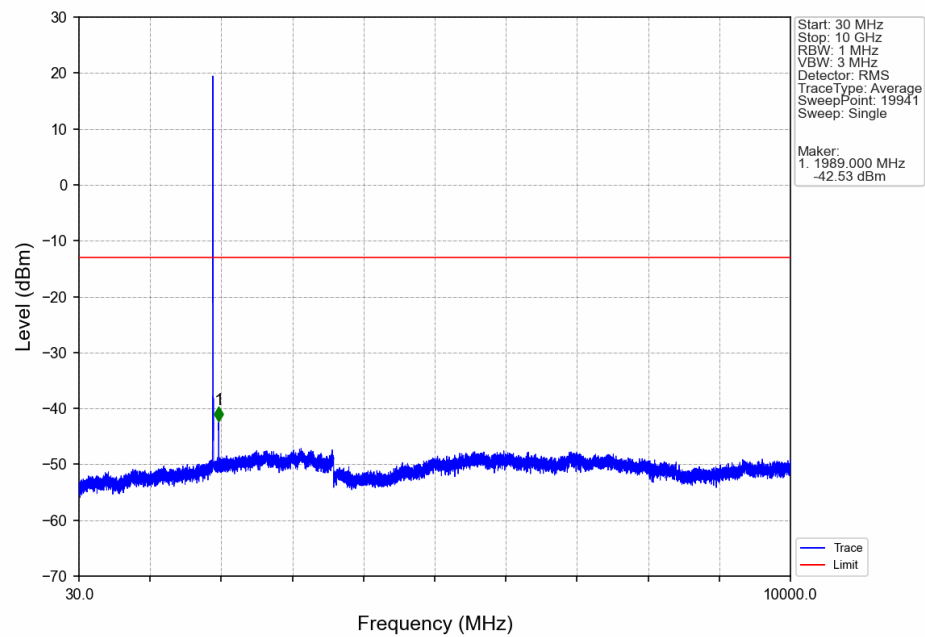
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTNV



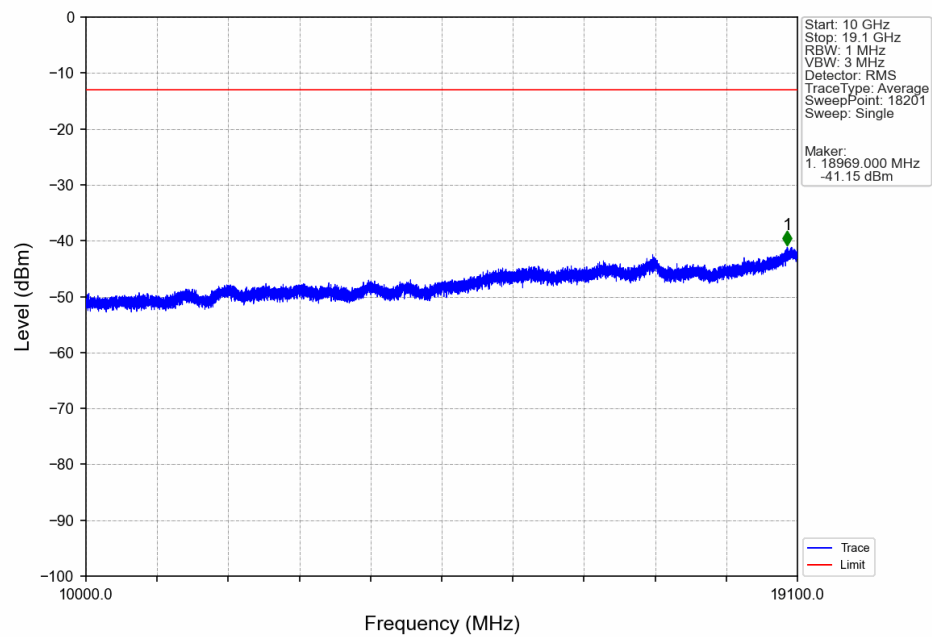
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTNV



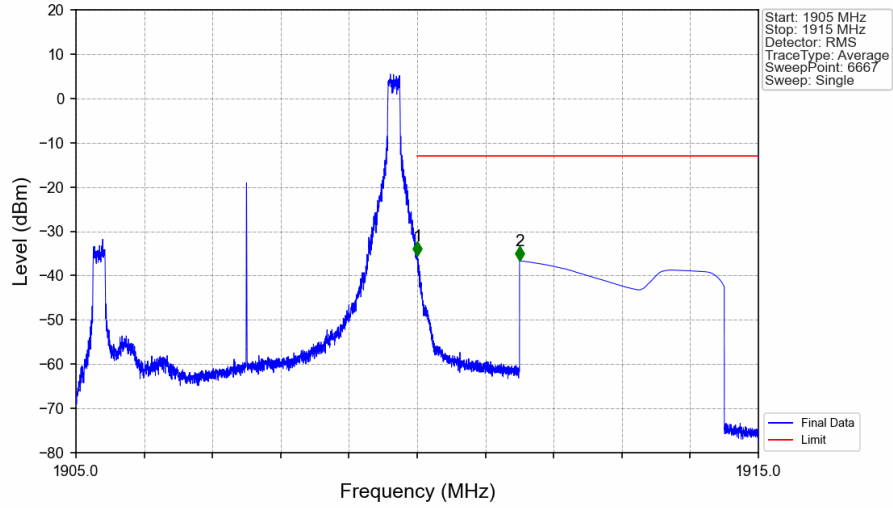
Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTNV

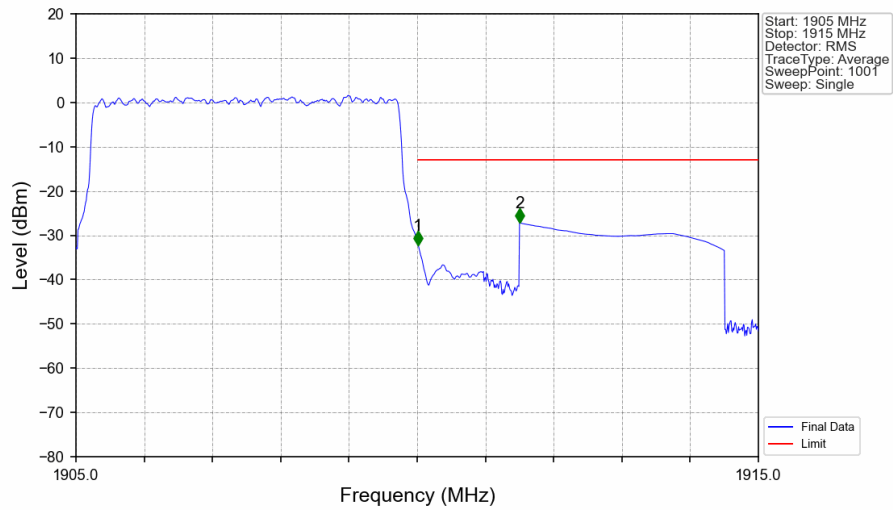


Band2 5MHz QPSK HCH 1907.5MHz RB 1 24 NTV



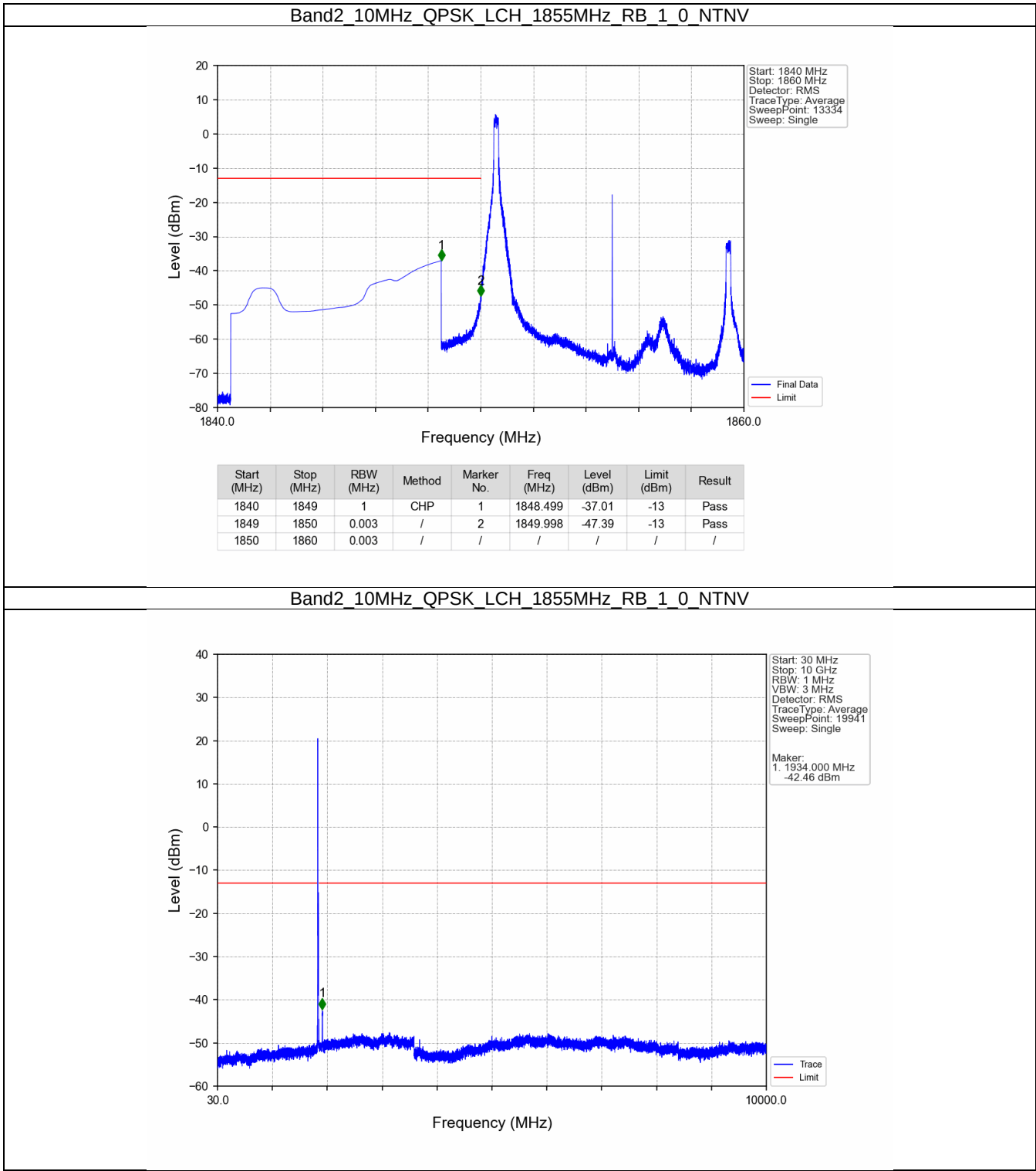
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-35.55	-13	Pass
1911	1915	1	CHP	2	1911.500	-36.65	-13	Pass

Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTV

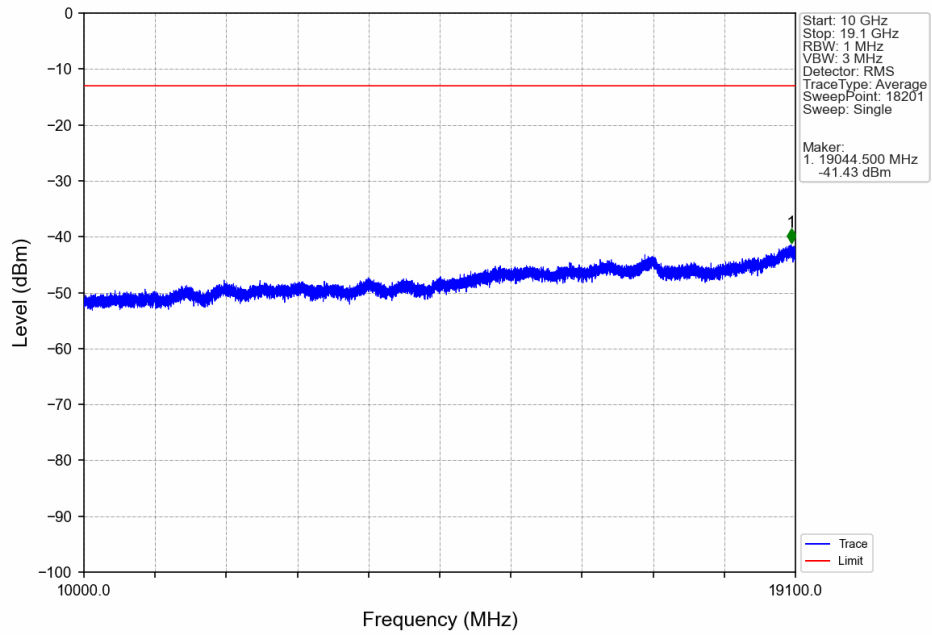


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05	CHP	/	/	/	/	/
1910	1911	0.05	CHP	1	1910.010	-32.18	-13	Pass
1911	1915	1	CHP	2	1911.500	-27.12	-13	Pass

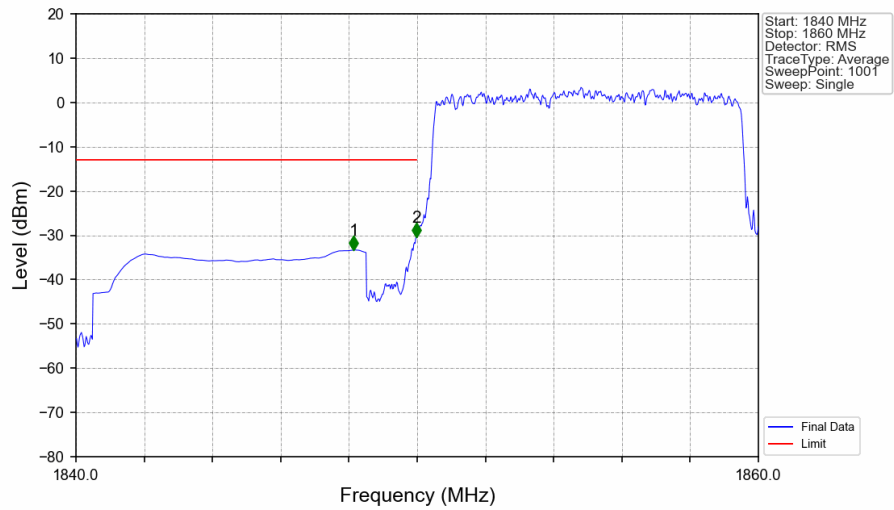
5.2.4 B2_10MHz



Band2 10MHz QPSK LCH 1855MHz RB 1 0 NTNV

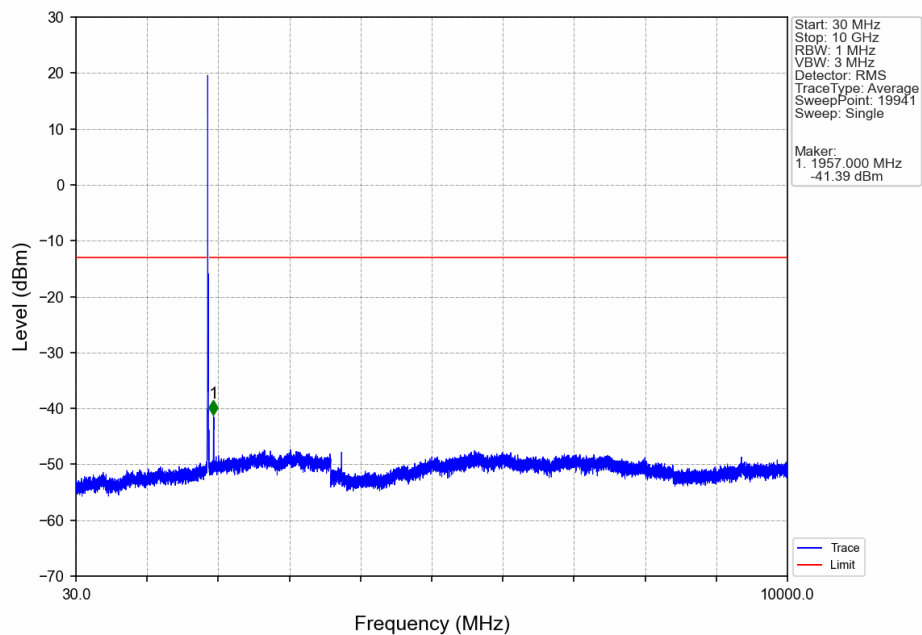


Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV

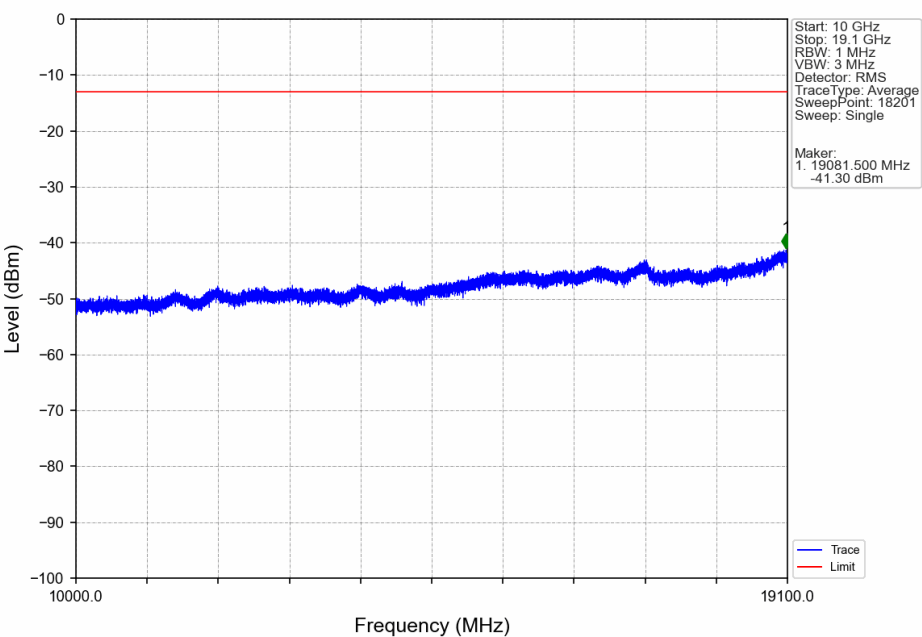


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.140	-33.31	-13	Pass
1849	1850	0.1	/	2	1849.980	-30.32	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

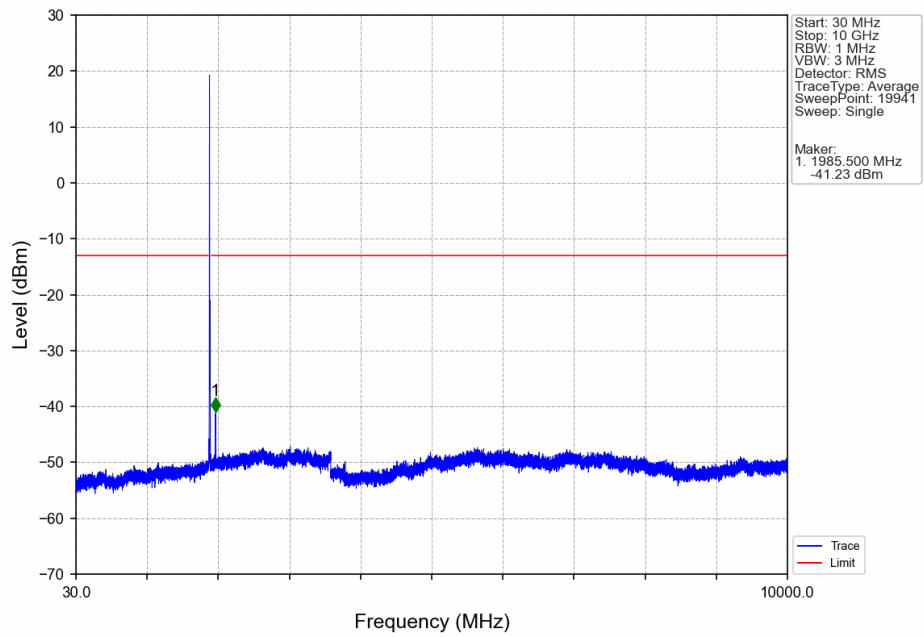
Band2 10MHz QPSK MCH 1880MHz RB 1 0 NTN



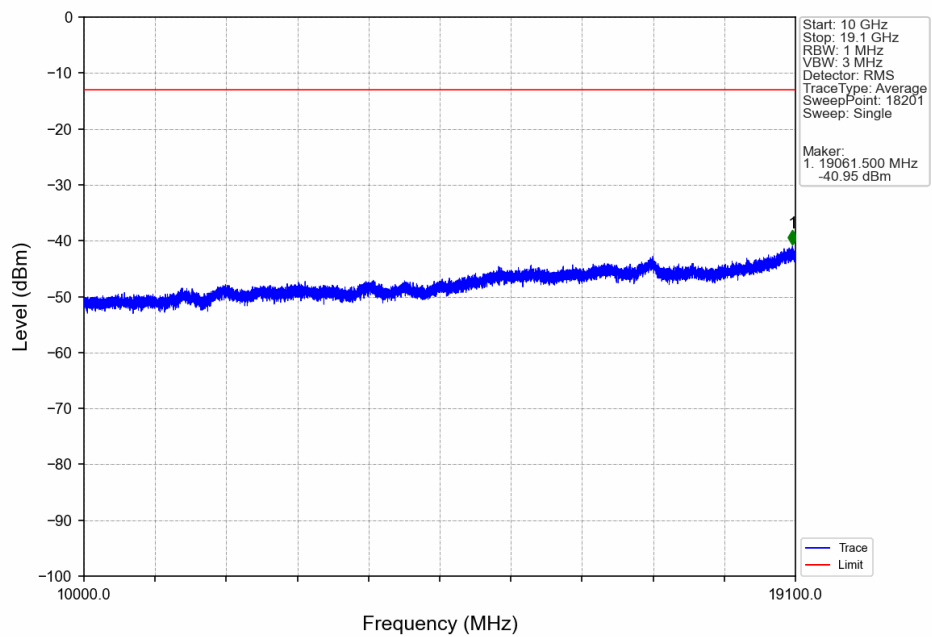
Band2 10MHz QPSK MCH 1880MHz RB 1 0 NTN



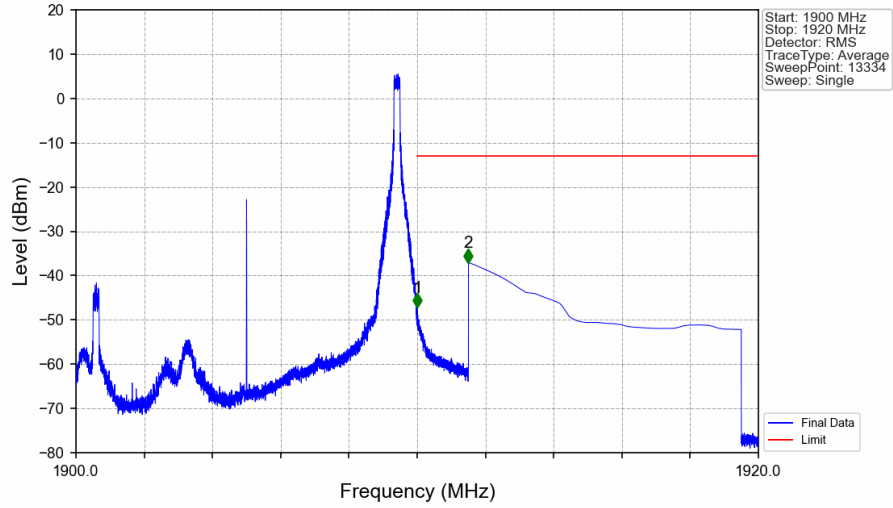
Band2 10MHz QPSK HCH 1905MHz RB 1 0 NTN



Band2 10MHz QPSK HCH 1905MHz RB 1 0 NTN

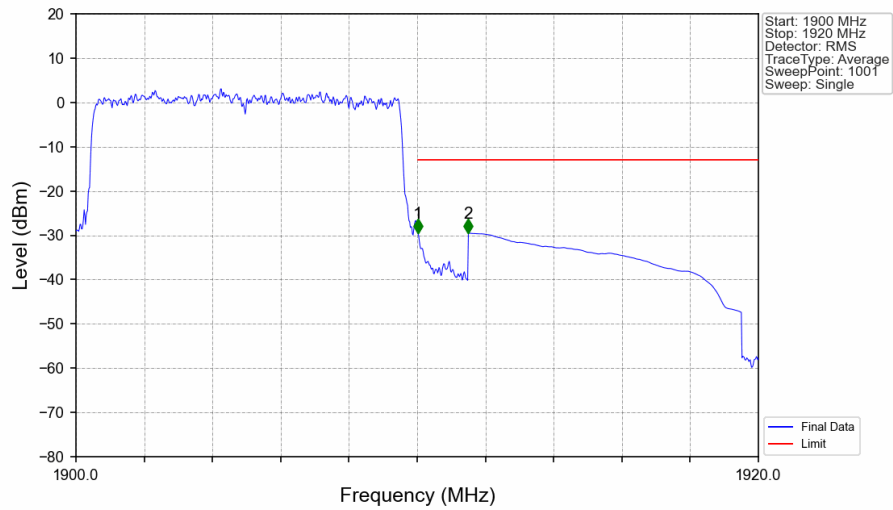


Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTNV



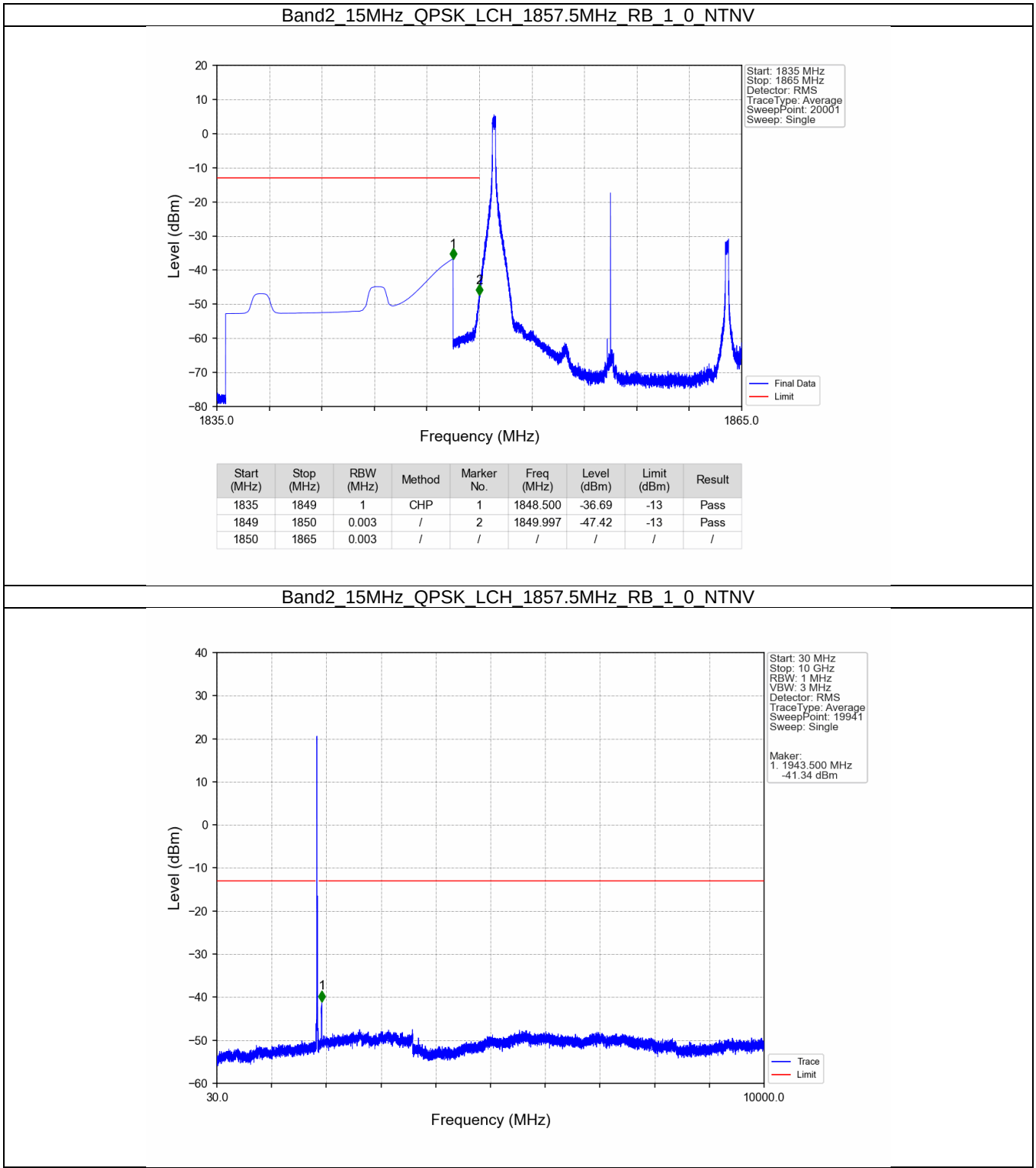
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.004	-47.14	-13	Pass
1911	1920	1	CHP	2	1911.501	-37.05	-13	Pass

Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV

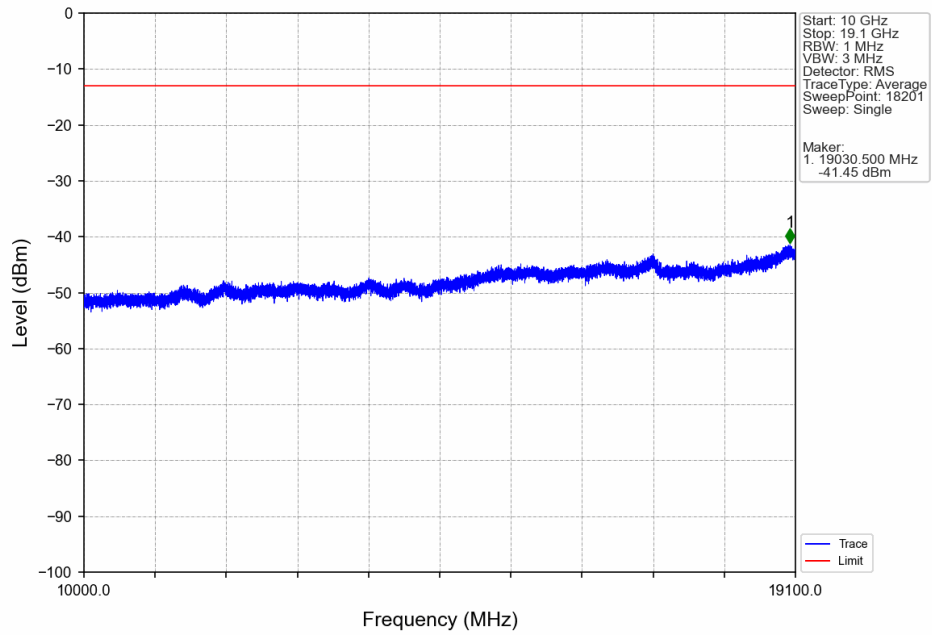


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.020	-29.57	-13	Pass
1911	1920	1	CHP	2	1911.500	-29.51	-13	Pass

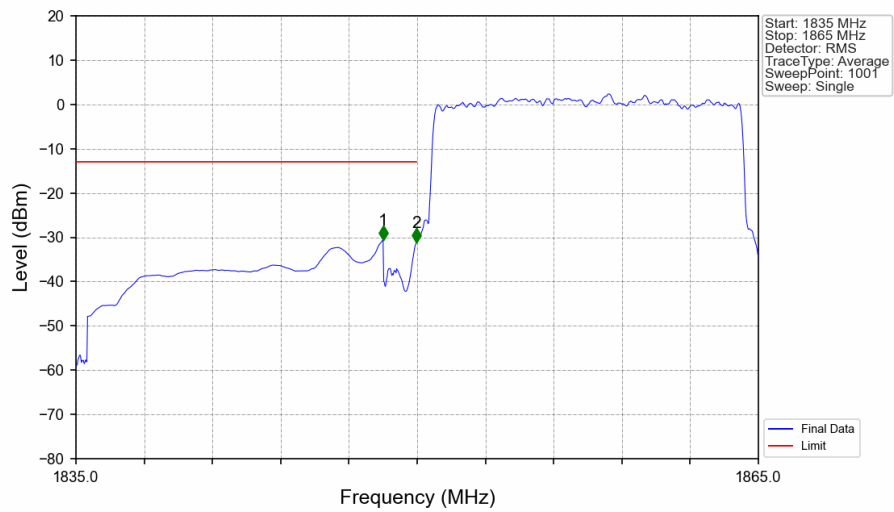
5.2.5 B2_15MHz



Band2 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV

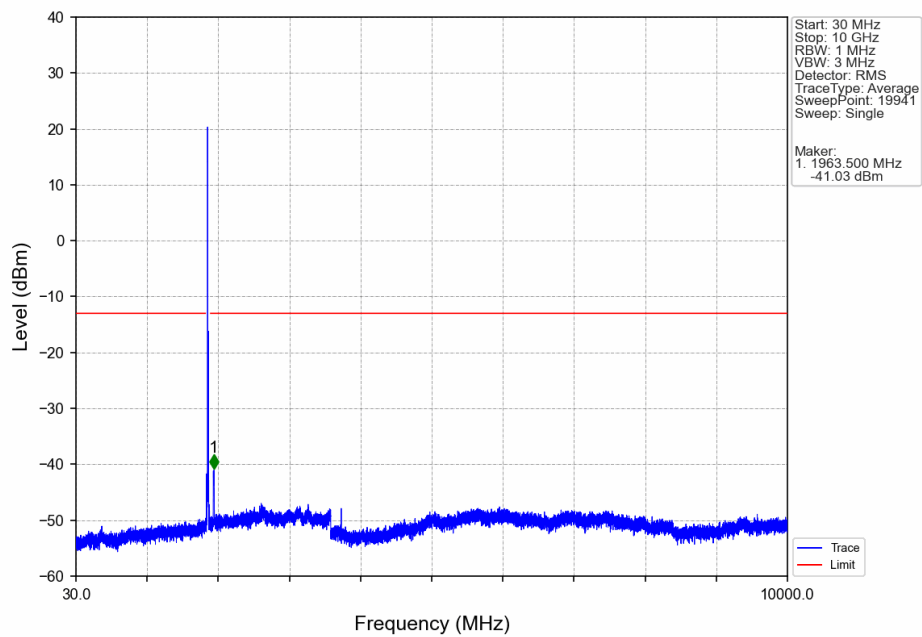


Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV

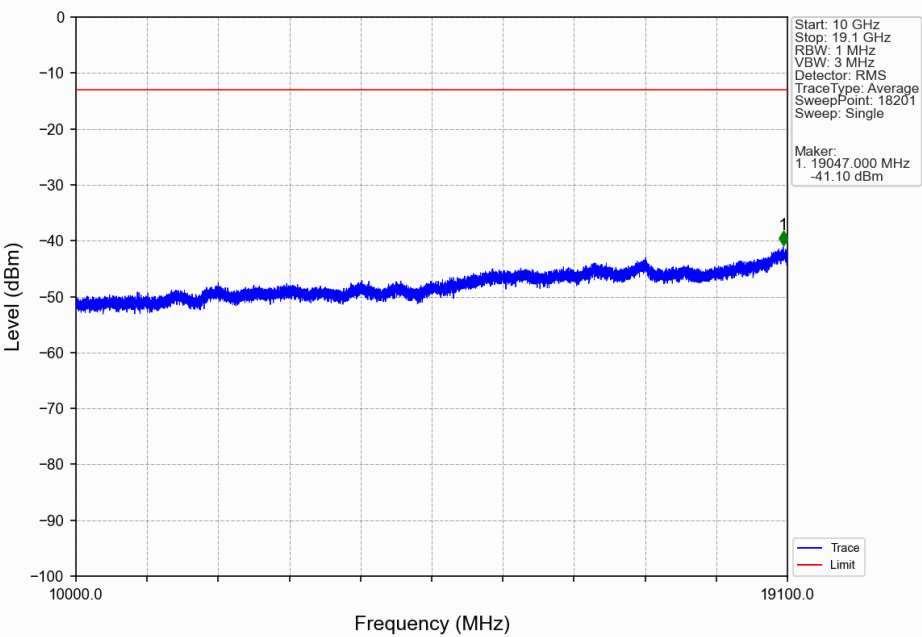


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.500	-30.58	-13	Pass
1849	1850	0.149	CHP	2	1849.970	-31.08	-13	Pass
1850	1865	0.149	CHP	/	/	/	/	/

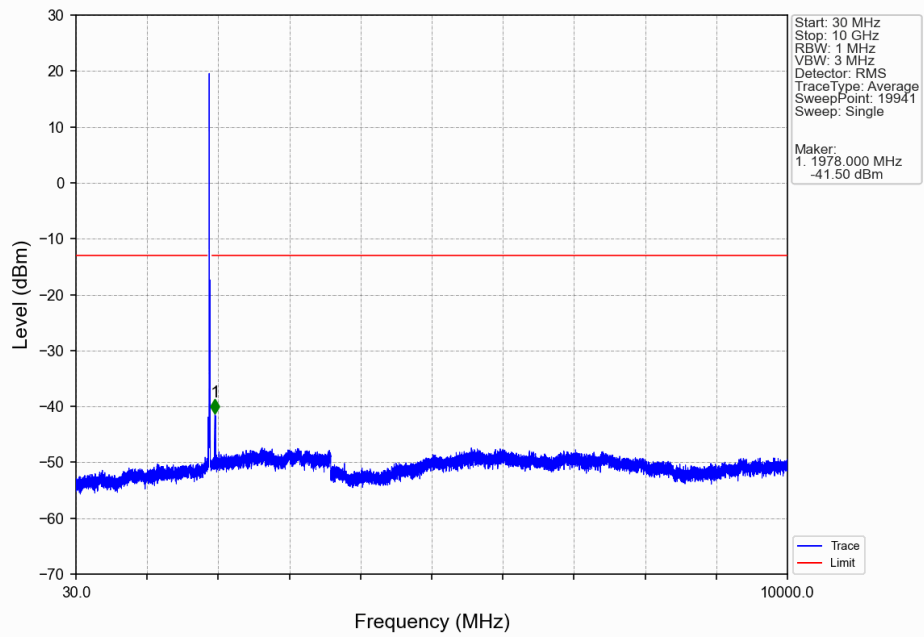
Band2 15MHz QPSK MCH 1880MHz RB 1 0 NTN



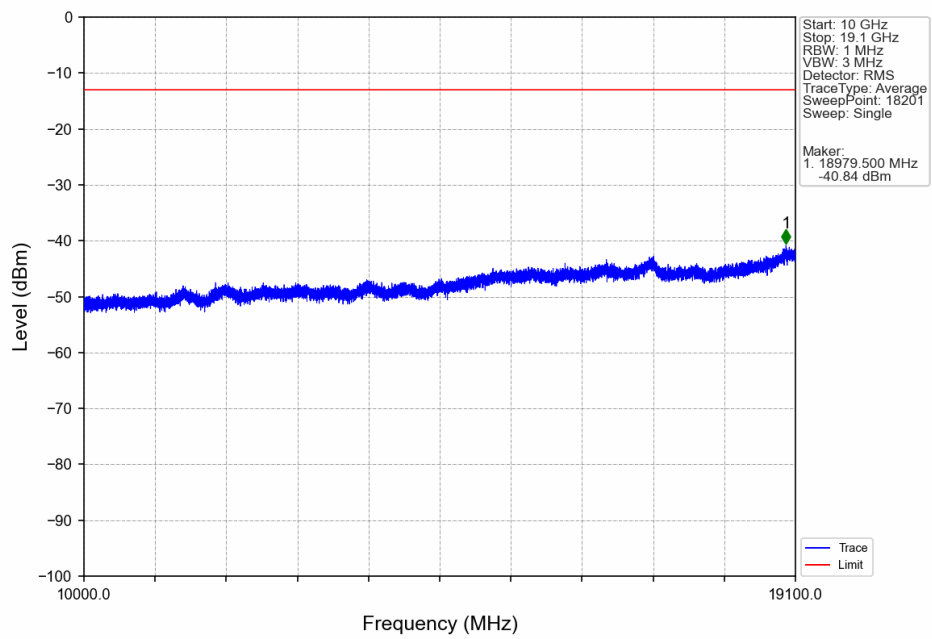
Band2 15MHz QPSK MCH 1880MHz RB 1 0 NTN



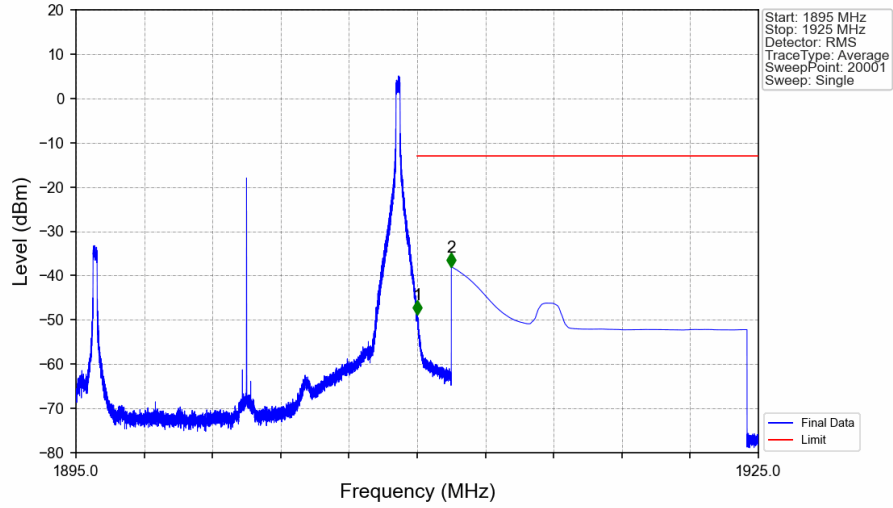
Band2 15MHz QPSK HCH 1902.5MHz RB 1 0 NTV



Band2 15MHz QPSK HCH 1902.5MHz RB 1 0 NTV

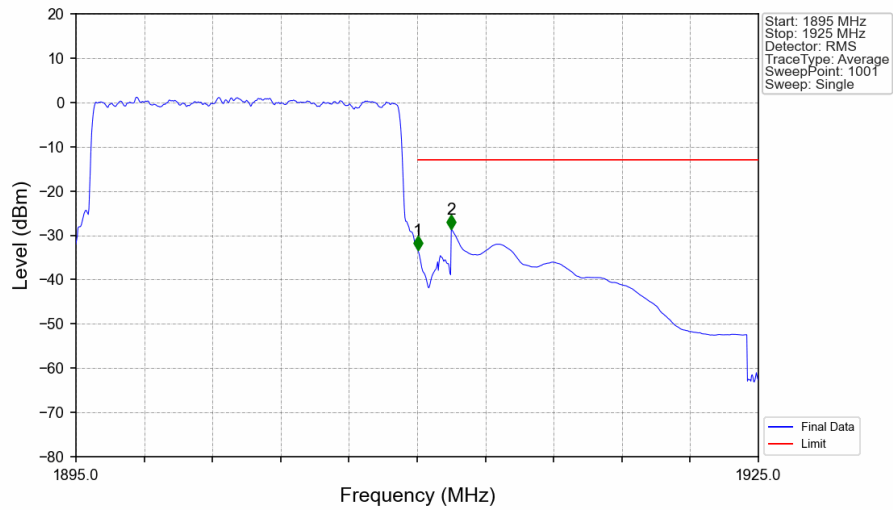


Band2 15MHz QPSK HCH 1902.5MHz RB 1 74 NTNV



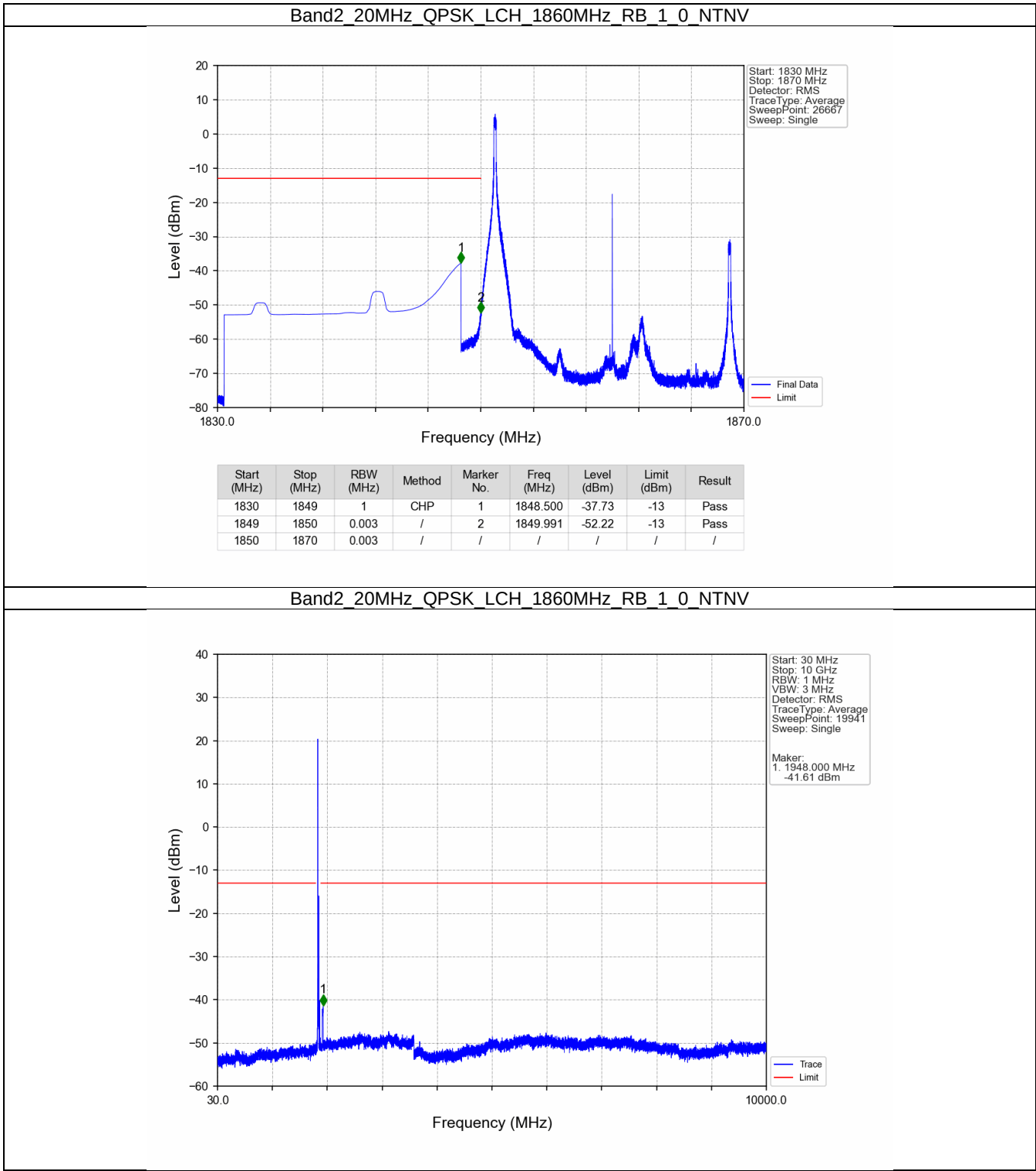
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-48.76	-13	Pass
1911	1925	1	CHP	2	1911.500	-38.02	-13	Pass

Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV

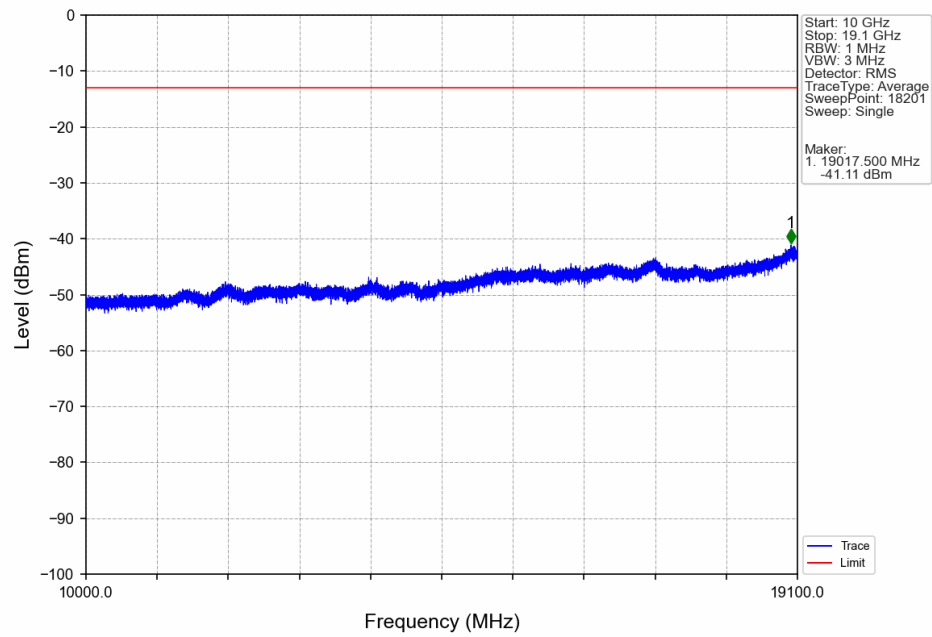


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.149	CHP	/	/	/	/	/
1910	1911	0.149	CHP	1	1910.030	-33.35	-13	Pass
1911	1925	1	CHP	2	1911.500	-28.53	-13	Pass

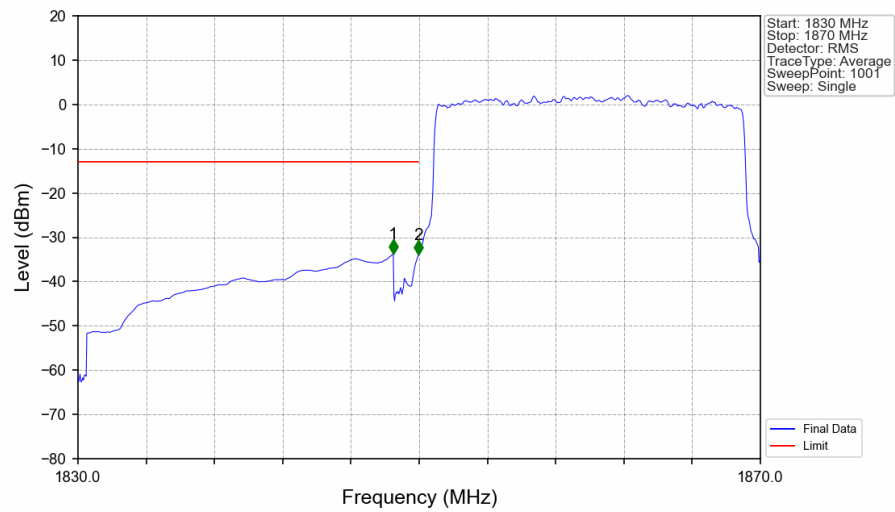
5.2.6 B2_20MHz



Band2 20MHz QPSK LCH 1860MHz RB 1 0 NTNV

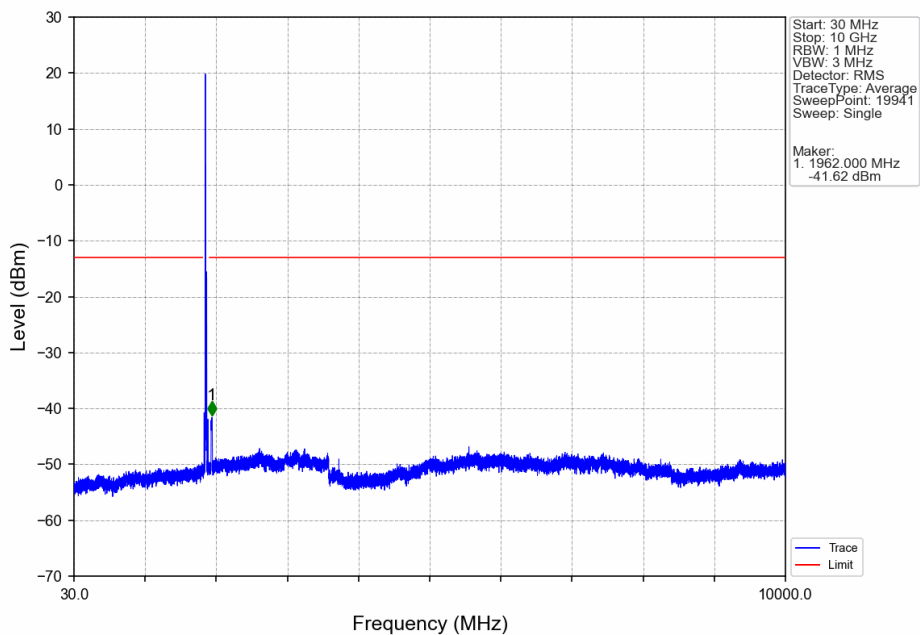


Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV

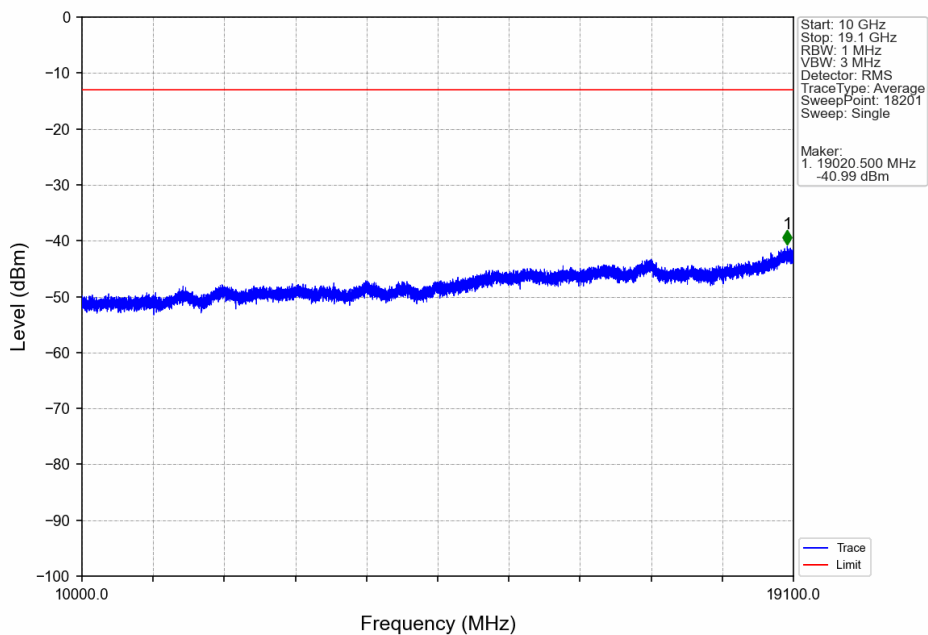


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-33.74	-13	Pass
1849	1850	0.197	CHP	2	1849.960	-33.92	-13	Pass
1850	1870	0.197	CHP	/	/	/	/	/

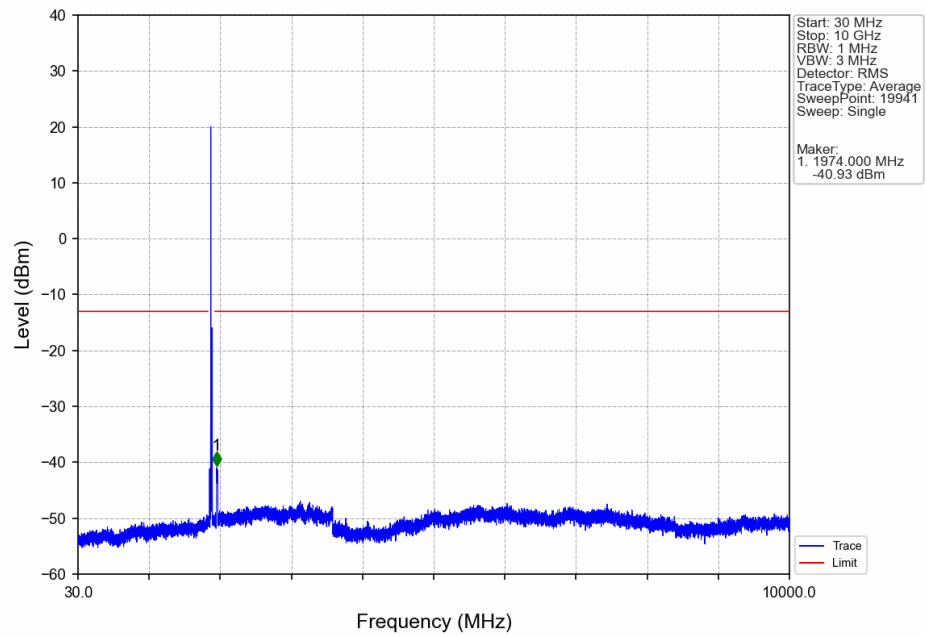
Band2 20MHz QPSK MCH 1880MHz RB 1 0 NTN



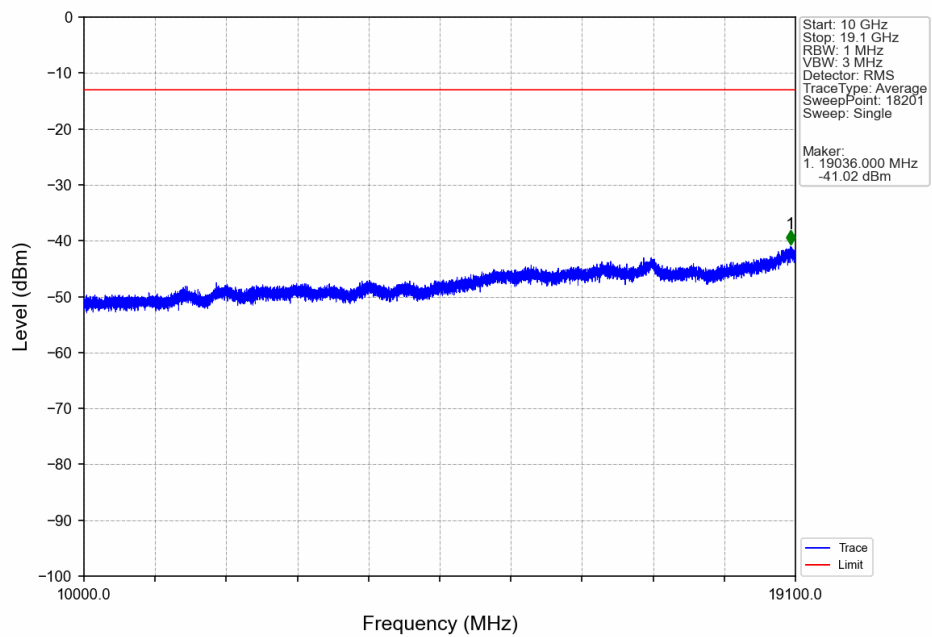
Band2 20MHz QPSK MCH 1880MHz RB 1 0 NTN



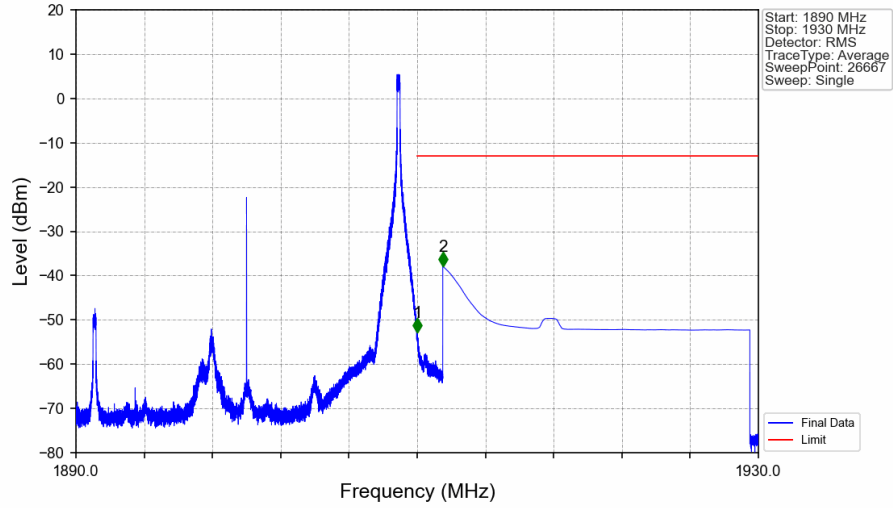
Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTN



Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTN

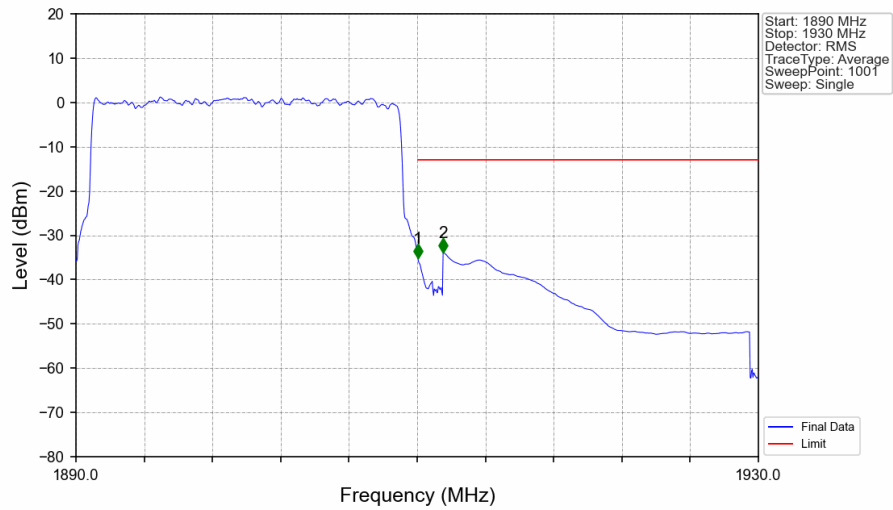


Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTNV



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	1910.003	-52.76	-13	Pass
1911	1930	1	CHP	2	1911.500	-37.91	-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	0.197	CHP	/	/	/	/	/
1910	1911	0.197	CHP	1	1910.040	-35.19	-13	Pass
1911	1930	1	CHP	2	1911.520	-33.87	-13	Pass