

1.1.1 B25_1.4MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.08	0.81	22.89	<=33.00	Pass		
			7	22.08	0.81	22.89	<=33.00	Pass		
			14	21.98	0.81	22.79	<=33.00	Pass		
		8	0	21.10	0.81	21.91	<=33.00	Pass		
			4	21.11	0.81	21.92	<=33.00	Pass		
			7	21.06	0.81	21.87	<=33.00	Pass		
		15	0	21.09	0.81	21.90	<=33.00	Pass		
		1882.5	1	0	21.92	0.81	22.73	<=33.00	Pass	
				7	22.00	0.81	22.81	<=33.00	Pass	
	14			21.93	0.81	22.74	<=33.00	Pass		
	8		0	21.08	0.81	21.89	<=33.00	Pass		
			4	20.98	0.81	21.79	<=33.00	Pass		
			7	20.97	0.81	21.78	<=33.00	Pass		
	15	0	20.95	0.81	21.76	<=33.00	Pass			
	1913.5	1	0	22.04	0.81	22.85	<=33.00	Pass		
			7	22.05	0.81	22.86	<=33.00	Pass		
			14	21.97	0.81	22.78	<=33.00	Pass		
		8	0	20.98	0.81	21.79	<=33.00	Pass		
			4	20.99	0.81	21.80	<=33.00	Pass		
			7	20.96	0.81	21.77	<=33.00	Pass		
		15	0	21.01	0.81	21.82	<=33.00	Pass		
		16QAM	1851.5	1	0	21.61	0.81	22.42	<=33.00	Pass
					7	21.63	0.81	22.44	<=33.00	Pass
	14				21.58	0.81	22.39	<=33.00	Pass	
	8			0	20.28	0.81	21.09	<=33.00	Pass	
				4	20.30	0.81	21.11	<=33.00	Pass	
				7	20.25	0.81	21.06	<=33.00	Pass	
15	0			20.18	0.81	20.99	<=33.00	Pass		
1882.5	1			0	21.11	0.81	21.92	<=33.00	Pass	
				7	21.17	0.81	21.98	<=33.00	Pass	
			14	21.04	0.81	21.85	<=33.00	Pass		
	8		0	19.97	0.81	20.78	<=33.00	Pass		
			4	19.98	0.81	20.79	<=33.00	Pass		
			7	19.90	0.81	20.71	<=33.00	Pass		
15	0		19.94	0.81	20.75	<=33.00	Pass			
1913.5	1		0	21.06	0.81	21.87	<=33.00	Pass		
			7	21.06	0.81	21.87	<=33.00	Pass		
			14	20.97	0.81	21.78	<=33.00	Pass		
	8		0	20.03	0.81	20.84	<=33.00	Pass		
			4	20.10	0.81	20.91	<=33.00	Pass		
			7	20.04	0.81	20.85	<=33.00	Pass		
	15		0	20.03	0.81	20.84	<=33.00	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.18	0.81	22.99	<=33.00	Pass		
			13	22.11	0.81	22.92	<=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	21.08	0.81	21.89	<=33.00	Pass		
			13	21.05	0.81	21.86	<=33.00	Pass		
		25	0	21.06	0.81	21.87	<=33.00	Pass		
		1882.5	1	0	22.05	0.81	22.86	<=33.00	Pass	
				13	21.98	0.81	22.79	<=33.00	Pass	
	24			21.88	0.81	22.69	<=33.00	Pass		
	12		0	21.03	0.81	21.84	<=33.00	Pass		
			6	21.04	0.81	21.85	<=33.00	Pass		
			13	21.00	0.81	21.81	<=33.00	Pass		
	25	0	21.01	0.81	21.82	<=33.00	Pass			
	1912.5	1	0	22.11	0.81	22.92	<=33.00	Pass		
			13	21.93	0.81	22.74	<=33.00	Pass		
			24	21.87	0.81	22.68	<=33.00	Pass		
		12	0	21.02	0.81	21.83	<=33.00	Pass		
			6	21.02	0.81	21.83	<=33.00	Pass		
			13	20.96	0.81	21.77	<=33.00	Pass		
		25	0	21.02	0.81	21.83	<=33.00	Pass		
		16QAM	1852.5	1	0	21.36	0.81	22.17	<=33.00	Pass
					13	21.32	0.81	22.13	<=33.00	Pass
	24				21.42	0.81	22.23	<=33.00	Pass	
	12			0	20.07	0.81	20.88	<=33.00	Pass	
				6	20.08	0.81	20.89	<=33.00	Pass	
				13	20.09	0.81	20.90	<=33.00	Pass	
25	0			20.15	0.81	20.96	<=33.00	Pass		
1882.5	1			0	20.93	0.81	21.74	<=33.00	Pass	
				13	20.85	0.81	21.66	<=33.00	Pass	
			24	20.77	0.81	21.58	<=33.00	Pass		
	12		0	19.98	0.81	20.79	<=33.00	Pass		
			6	20.04	0.81	20.85	<=33.00	Pass		
			13	19.89	0.81	20.70	<=33.00	Pass		
25	0		20.03	0.81	20.84	<=33.00	Pass			
1912.5	1		0	21.37	0.81	22.18	<=33.00	Pass		
			13	21.27	0.81	22.08	<=33.00	Pass		
			24	21.15	0.81	21.96	<=33.00	Pass		
	12		0	20.05	0.81	20.86	<=33.00	Pass		
		6	20.06	0.81	20.87	<=33.00	Pass			
		13	19.97	0.81	20.78	<=33.00	Pass			
	25	0	19.97	0.81	20.78	<=33.00	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	22.24	0.81	23.05	<=33.00	Pass		
			25	22.09	0.81	22.90	<=33.00	Pass		
			49	22.27	0.81	23.08	<=33.00	Pass		
		25	0	21.09	0.81	21.90	<=33.00	Pass		
			13	21.10	0.81	21.91	<=33.00	Pass		
			25	21.13	0.81	21.94	<=33.00	Pass		
		50	0	21.16	0.81	21.97	<=33.00	Pass		
		1882.5	1	0	22.19	0.81	23.00	<=33.00	Pass	
				25	22.02	0.81	22.83	<=33.00	Pass	
	49			22.10	0.81	22.91	<=33.00	Pass		
	25		0	21.00	0.81	21.81	<=33.00	Pass		
			13	21.03	0.81	21.84	<=33.00	Pass		
			25	20.94	0.81	21.75	<=33.00	Pass		
	50	0	21.07	0.81	21.88	<=33.00	Pass			
	1910	1	0	22.30	0.81	23.11	<=33.00	Pass		
			25	22.09	0.81	22.90	<=33.00	Pass		
			49	22.06	0.81	22.87	<=33.00	Pass		
		25	0	20.93	0.81	21.74	<=33.00	Pass		
			13	21.01	0.81	21.82	<=33.00	Pass		
			25	21.06	0.81	21.87	<=33.00	Pass		
		50	0	21.01	0.81	21.82	<=33.00	Pass		
		16QAM	1855	1	0	21.36	0.81	22.17	<=33.00	Pass
					25	21.17	0.81	21.98	<=33.00	Pass
	49				21.27	0.81	22.08	<=33.00	Pass	
	25			0	20.19	0.81	21.00	<=33.00	Pass	
				13	20.23	0.81	21.04	<=33.00	Pass	
				25	20.24	0.81	21.05	<=33.00	Pass	
50	0			20.18	0.81	20.99	<=33.00	Pass		
1882.5	1			0	21.59	0.81	22.40	<=33.00	Pass	
				25	21.57	0.81	22.38	<=33.00	Pass	
			49	21.61	0.81	22.42	<=33.00	Pass		
	25		0	20.04	0.81	20.85	<=33.00	Pass		
			13	20.04	0.81	20.85	<=33.00	Pass		
			25	20.04	0.81	20.85	<=33.00	Pass		
50	0		20.05	0.81	20.86	<=33.00	Pass			
1910	1		0	21.07	0.81	21.88	<=33.00	Pass		
			25	21.26	0.81	22.07	<=33.00	Pass		
			49	21.25	0.81	22.06	<=33.00	Pass		
	25		0	19.98	0.81	20.79	<=33.00	Pass		
			13	19.97	0.81	20.78	<=33.00	Pass		
			25	20.03	0.81	20.84	<=33.00	Pass		
	50		0	20.06	0.81	20.87	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B25_15MHz_EIRP

Band: 25 / 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	22.06	0.81	22.87	<=33.00	Pass		
			38	22.13	0.81	22.94	<=33.00	Pass		
			74	21.95	0.81	22.76	<=33.00	Pass		
		36	0	21.13	0.81	21.94	<=33.00	Pass		
			18	21.16	0.81	21.97	<=33.00	Pass		
			39	21.11	0.81	21.92	<=33.00	Pass		
		75	0	21.15	0.81	21.96	<=33.00	Pass		
		1882.5	1	0	21.89	0.81	22.70	<=33.00	Pass	
				38	21.96	0.81	22.77	<=33.00	Pass	
	74			22.05	0.81	22.86	<=33.00	Pass		
	36		0	21.10	0.81	21.91	<=33.00	Pass		
			18	21.14	0.81	21.95	<=33.00	Pass		
			39	21.18	0.81	21.99	<=33.00	Pass		
	75	0	21.11	0.81	21.92	<=33.00	Pass			
	1907.5	1	0	22.21	0.81	23.02	<=33.00	Pass		
			38	21.92	0.81	22.73	<=33.00	Pass		
			74	22.04	0.81	22.85	<=33.00	Pass		
		36	0	21.00	0.81	21.81	<=33.00	Pass		
			18	21.07	0.81	21.88	<=33.00	Pass		
			39	21.09	0.81	21.90	<=33.00	Pass		
		75	0	21.05	0.81	21.86	<=33.00	Pass		
		16QAM	1857.5	1	0	21.62	0.81	22.43	<=33.00	Pass
					38	21.69	0.81	22.50	<=33.00	Pass
	74				21.50	0.81	22.31	<=33.00	Pass	
36	0			20.16	0.81	20.97	<=33.00	Pass		
	18			20.20	0.81	21.01	<=33.00	Pass		
	39			20.11	0.81	20.92	<=33.00	Pass		
75	0			20.20	0.81	21.01	<=33.00	Pass		
1882.5	1		0	21.22	0.81	22.03	<=33.00	Pass		
			38	21.25	0.81	22.06	<=33.00	Pass		
			74	21.23	0.81	22.04	<=33.00	Pass		
	36		0	20.02	0.81	20.83	<=33.00	Pass		
			18	20.15	0.81	20.96	<=33.00	Pass		
			39	20.18	0.81	20.99	<=33.00	Pass		
75	0		20.18	0.81	20.99	<=33.00	Pass			
1907.5	1		0	21.23	0.81	22.04	<=33.00	Pass		
		38	21.27	0.81	22.08	<=33.00	Pass			
		74	21.36	0.81	22.17	<=33.00	Pass			
	36	0	20.00	0.81	20.81	<=33.00	Pass			
		18	20.05	0.81	20.86	<=33.00	Pass			
		39	20.10	0.81	20.91	<=33.00	Pass			
	75	0	20.05	0.81	20.86	<=33.00	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	22.00	0.81	22.81	<=33.00	Pass		
			50	21.94	0.81	22.75	<=33.00	Pass		
			99	21.80	0.81	22.61	<=33.00	Pass		
		50	0	21.05	0.81	21.86	<=33.00	Pass		
			25	20.99	0.81	21.80	<=33.00	Pass		
			50	20.97	0.81	21.78	<=33.00	Pass		
		100	0	21.06	0.81	21.87	<=33.00	Pass		
		1882.5	1	0	21.90	0.81	22.71	<=33.00	Pass	
				50	22.03	0.81	22.84	<=33.00	Pass	
	99			21.69	0.81	22.50	<=33.00	Pass		
	50		0	21.03	0.81	21.84	<=33.00	Pass		
			25	21.11	0.81	21.92	<=33.00	Pass		
			50	20.96	0.81	21.77	<=33.00	Pass		
	100	0	21.06	0.81	21.87	<=33.00	Pass			
	1905	1	0	21.95	0.81	22.76	<=33.00	Pass		
			50	22.01	0.81	22.82	<=33.00	Pass		
			99	21.68	0.81	22.49	<=33.00	Pass		
		50	0	20.95	0.81	21.76	<=33.00	Pass		
			25	21.02	0.81	21.83	<=33.00	Pass		
			50	20.95	0.81	21.76	<=33.00	Pass		
		100	0	21.04	0.81	21.85	<=33.00	Pass		
		16QAM	1860	1	0	21.26	0.81	22.07	<=33.00	Pass
					50	21.25	0.81	22.06	<=33.00	Pass
	99				20.94	0.81	21.75	<=33.00	Pass	
	50			0	20.05	0.81	20.86	<=33.00	Pass	
				25	20.03	0.81	20.84	<=33.00	Pass	
				50	19.98	0.81	20.79	<=33.00	Pass	
100	0			20.10	0.81	20.91	<=33.00	Pass		
1882.5	1			0	21.12	0.81	21.93	<=33.00	Pass	
				50	21.31	0.81	22.12	<=33.00	Pass	
			99	20.91	0.81	21.72	<=33.00	Pass		
	50		0	20.05	0.81	20.86	<=33.00	Pass		
			25	20.11	0.81	20.92	<=33.00	Pass		
			50	19.99	0.81	20.80	<=33.00	Pass		
100	0		20.07	0.81	20.88	<=33.00	Pass			
1905	1		0	21.21	0.81	22.02	<=33.00	Pass		
			50	21.21	0.81	22.02	<=33.00	Pass		
			99	20.93	0.81	21.74	<=33.00	Pass		
	50		0	19.94	0.81	20.75	<=33.00	Pass		
			25	19.99	0.81	20.80	<=33.00	Pass		
			50	19.97	0.81	20.78	<=33.00	Pass		
	100		0	20.08	0.81	20.89	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B25_10MHz

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1882.5	50	0	20	3.27	-0.251	-0.0001	-2.5 to 2.5	Pass
					3.85	1.000	0.0005	-2.5 to 2.5	Pass
					4.43	0.903	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.827	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.972	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.050	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.380	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.022	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.283	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.396	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band25_OBW

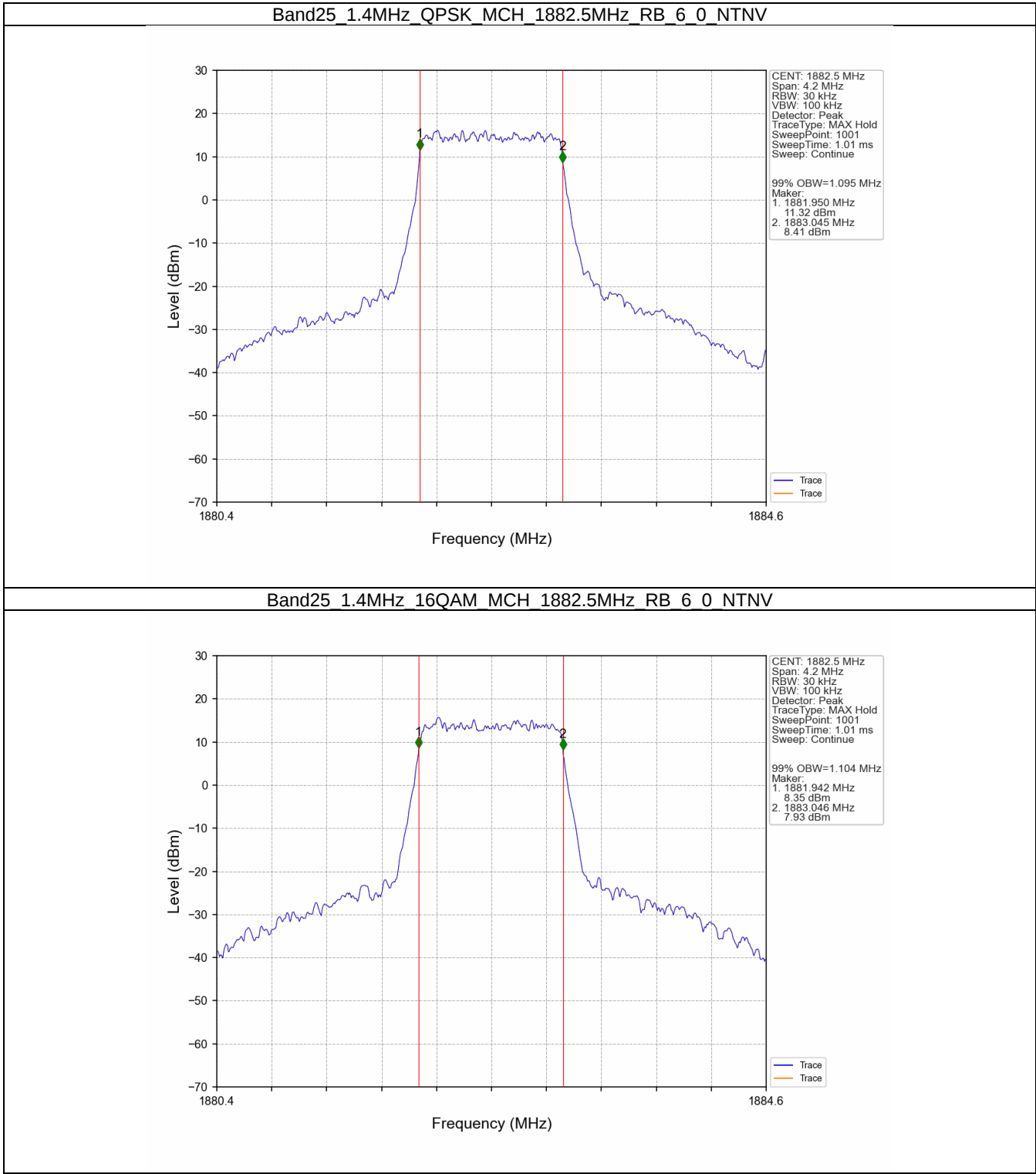
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.095	/	Pass
	16QAM	1882.5	6	0	1.104	/	Pass
3	QPSK	1882.5	15	0	2.741	/	Pass
	16QAM	1882.5	15	0	2.758	/	Pass
5	QPSK	1882.5	25	0	4.520	/	Pass
	16QAM	1882.5	25	0	4.515	/	Pass
10	QPSK	1882.5	50	0	8.979	/	Pass
	16QAM	1882.5	50	0	9.011	/	Pass
15	QPSK	1882.5	75	0	13.464	/	Pass
	16QAM	1882.5	75	0	13.444	/	Pass
20	QPSK	1882.5	100	0	18.084	/	Pass
	16QAM	1882.5	100	0	18.013	/	Pass

3.1.2 Band25_XDB

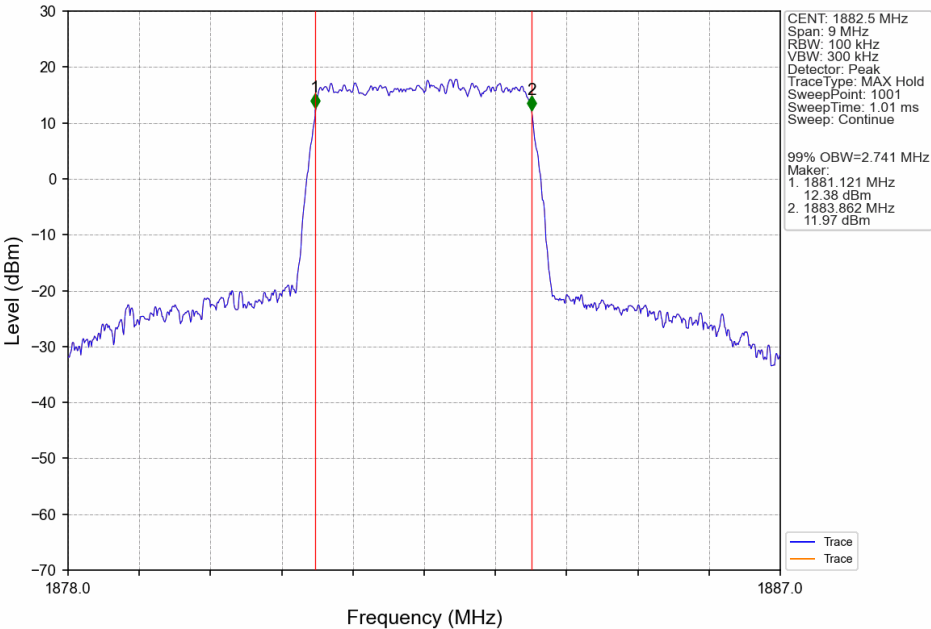
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.292	/	Pass
	16QAM	1882.5	6	0	1.303	/	Pass
3	QPSK	1882.5	15	0	3.070	/	Pass
	16QAM	1882.5	15	0	3.055	/	Pass
5	QPSK	1882.5	25	0	5.001	/	Pass
	16QAM	1882.5	25	0	5.007	/	Pass
10	QPSK	1882.5	50	0	9.904	/	Pass
	16QAM	1882.5	50	0	9.831	/	Pass
15	QPSK	1882.5	75	0	14.747	/	Pass
	16QAM	1882.5	75	0	14.574	/	Pass
20	QPSK	1882.5	100	0	19.448	/	Pass
	16QAM	1882.5	100	0	19.426	/	Pass

3.2 Test Graph

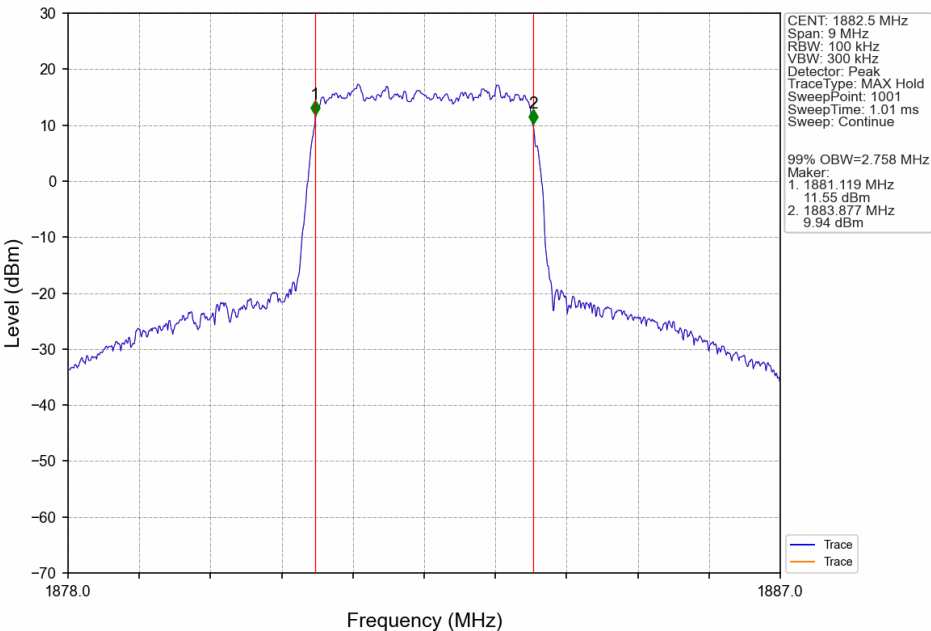
3.2.1 Band25_OBW



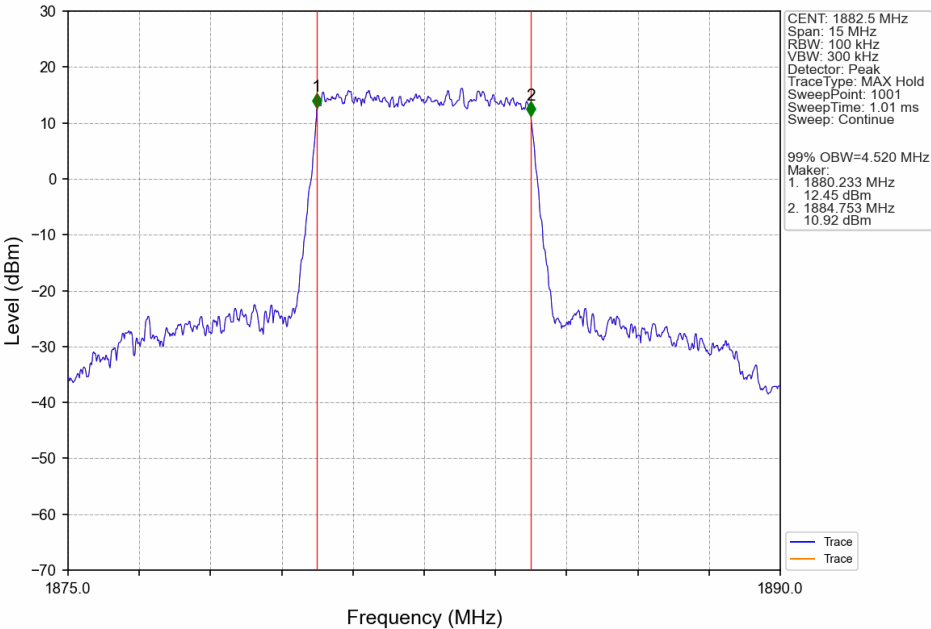
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



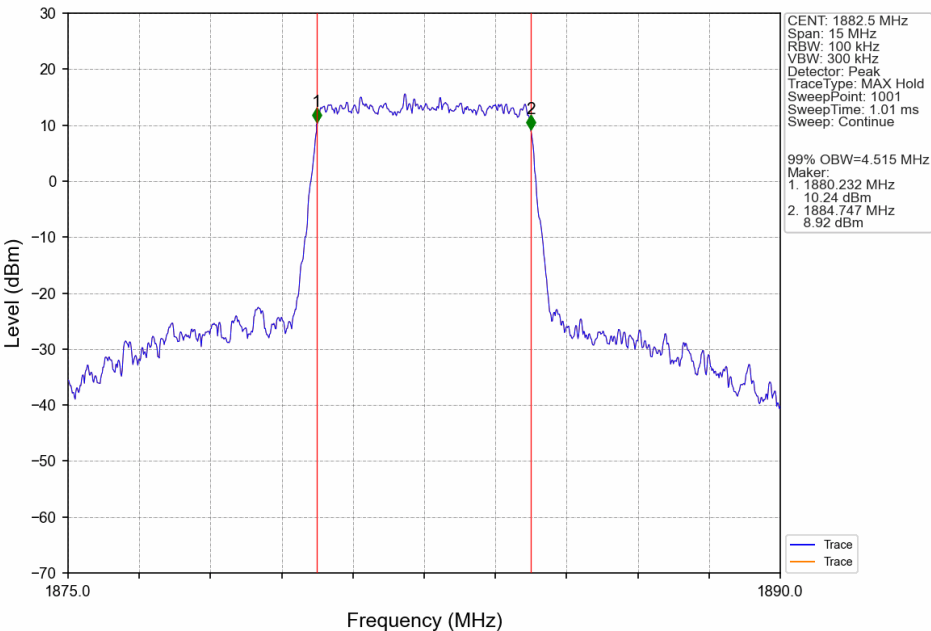
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



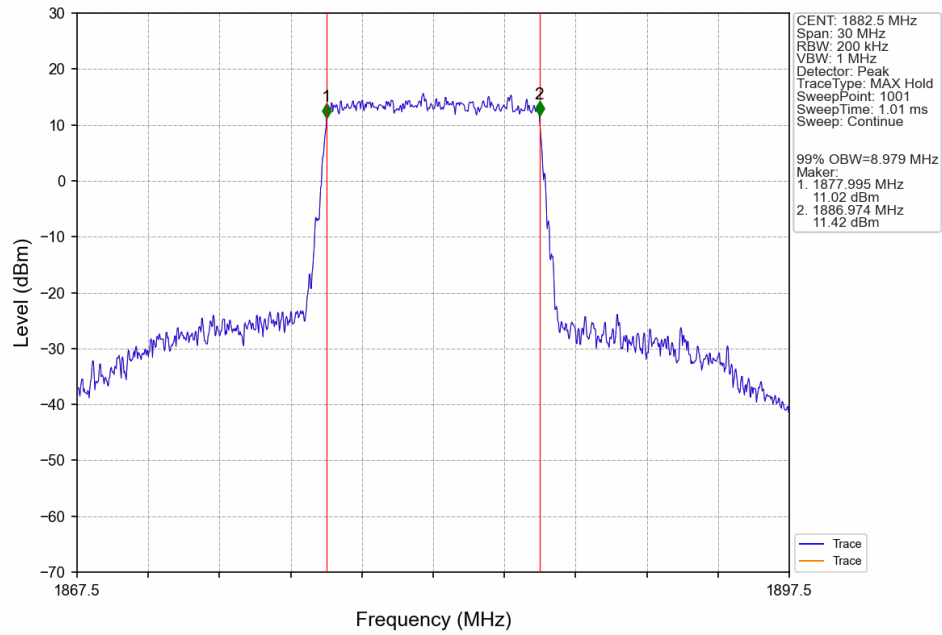
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



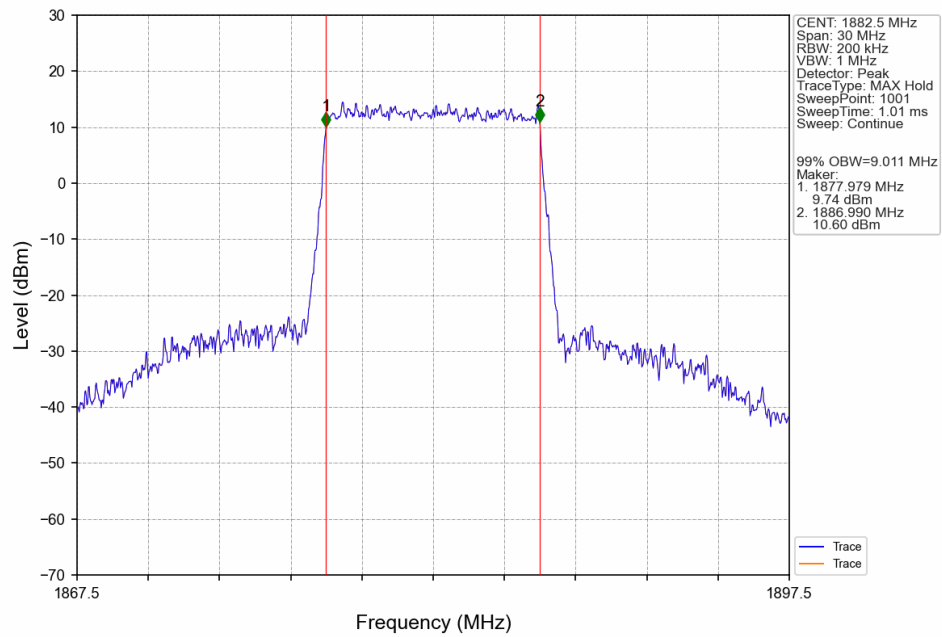
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



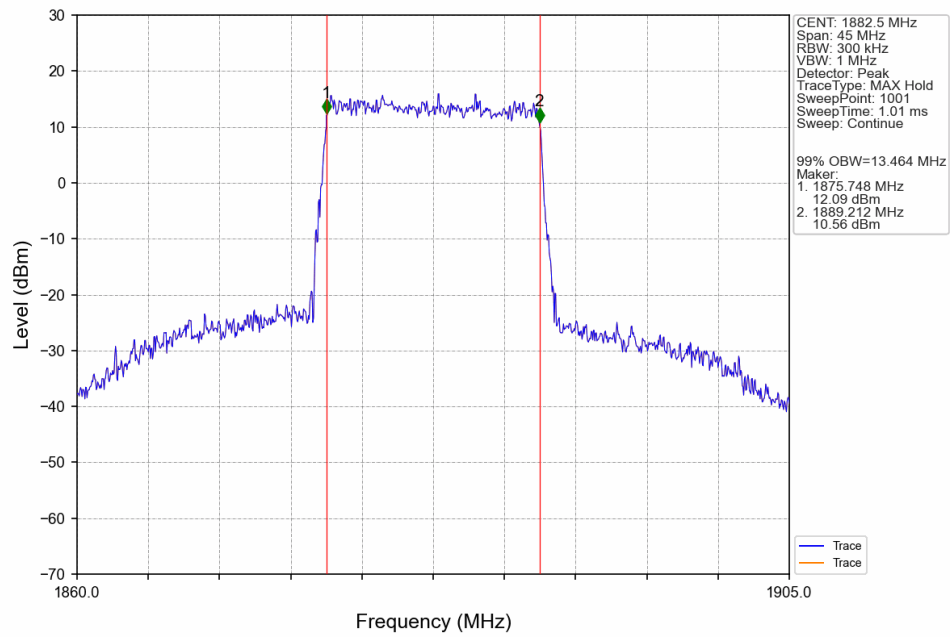
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



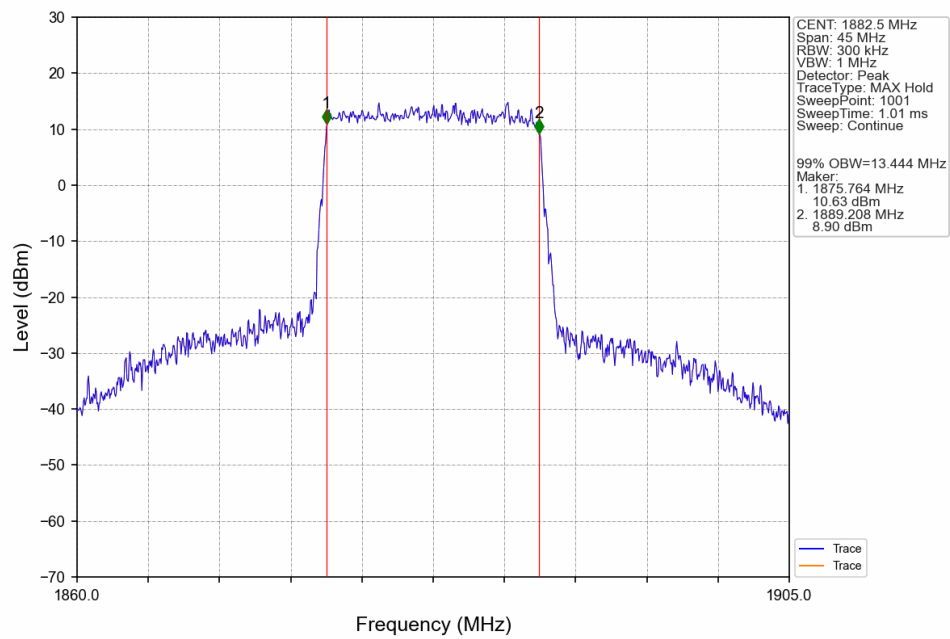
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



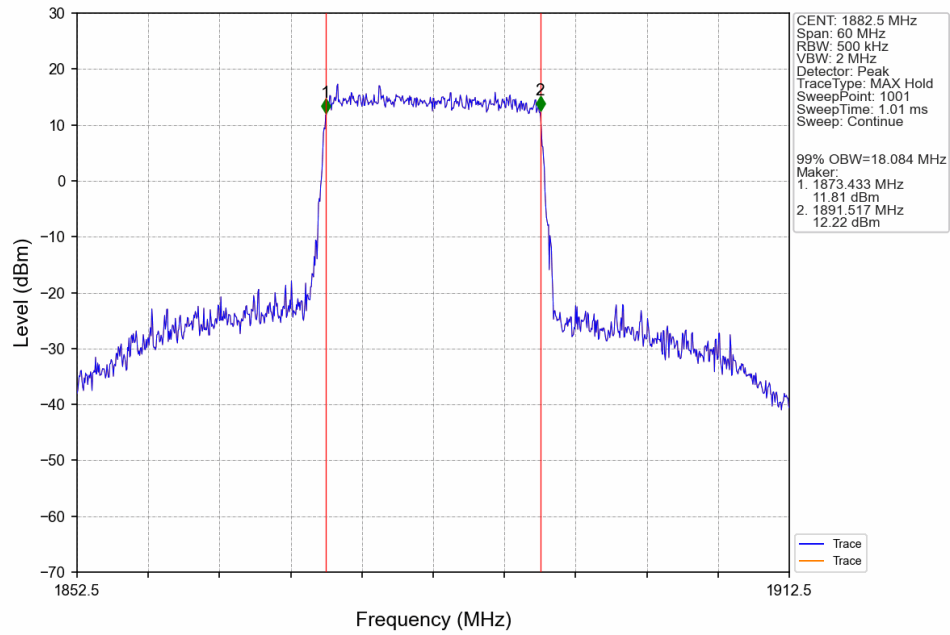
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



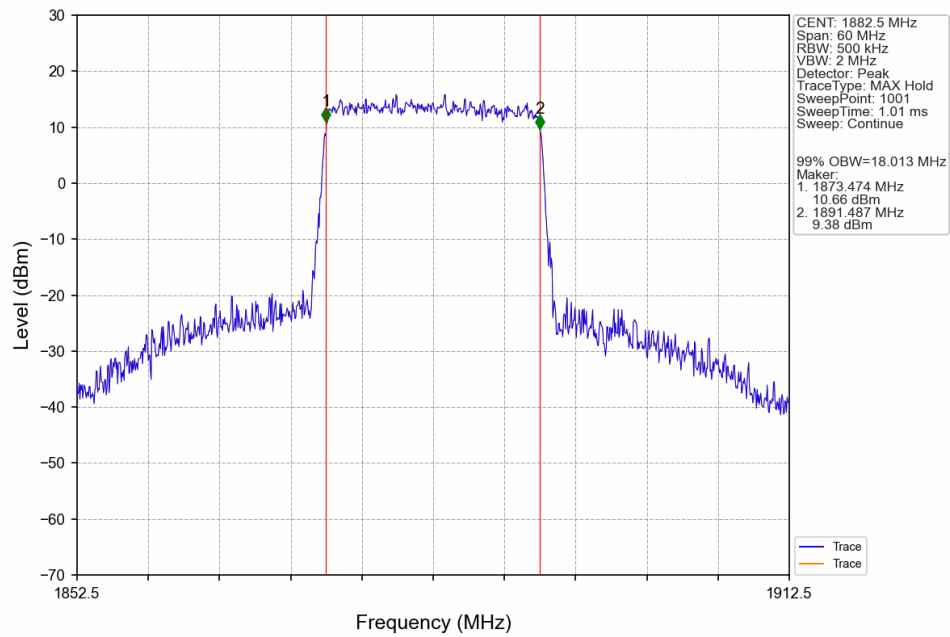
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



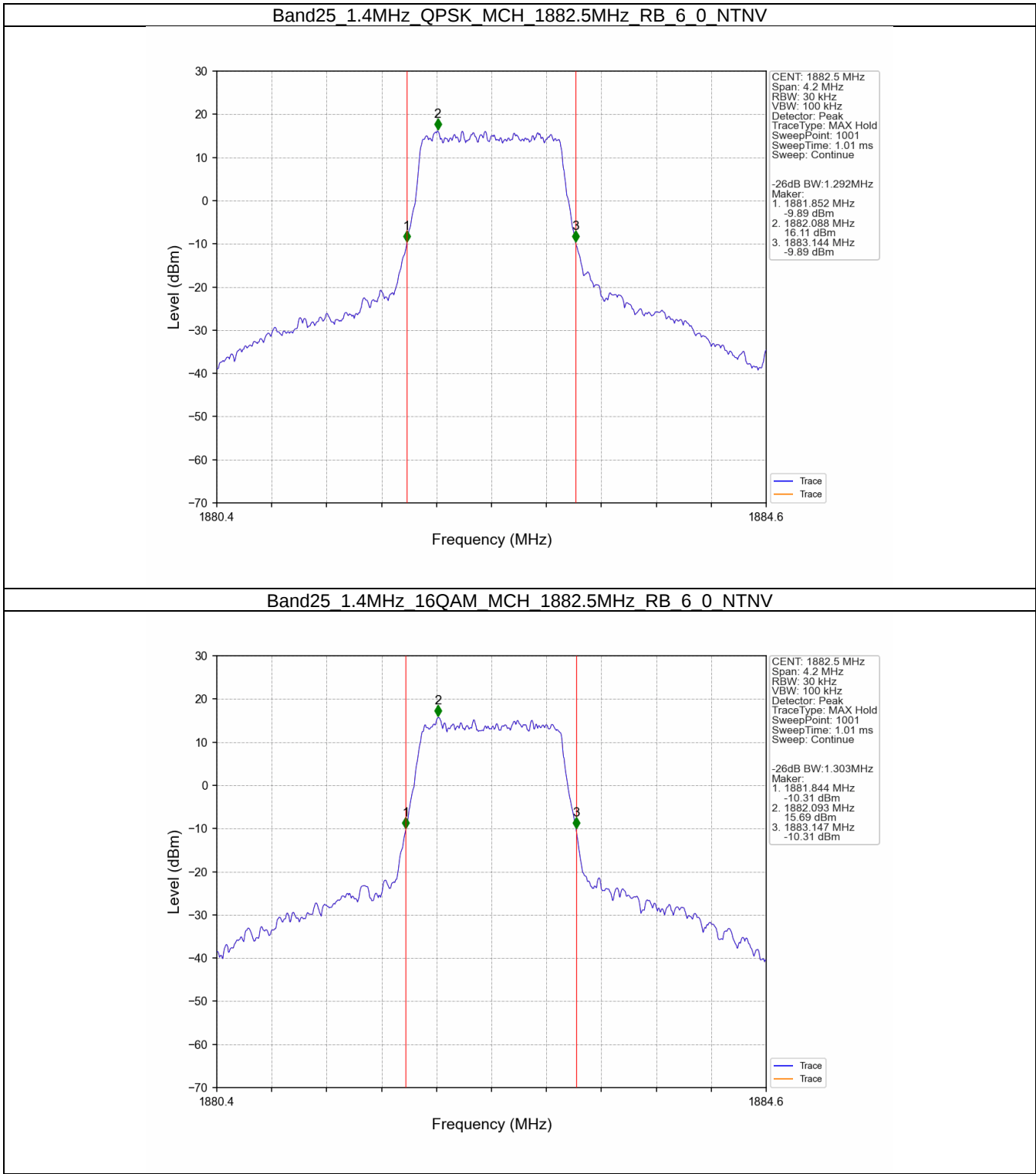
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



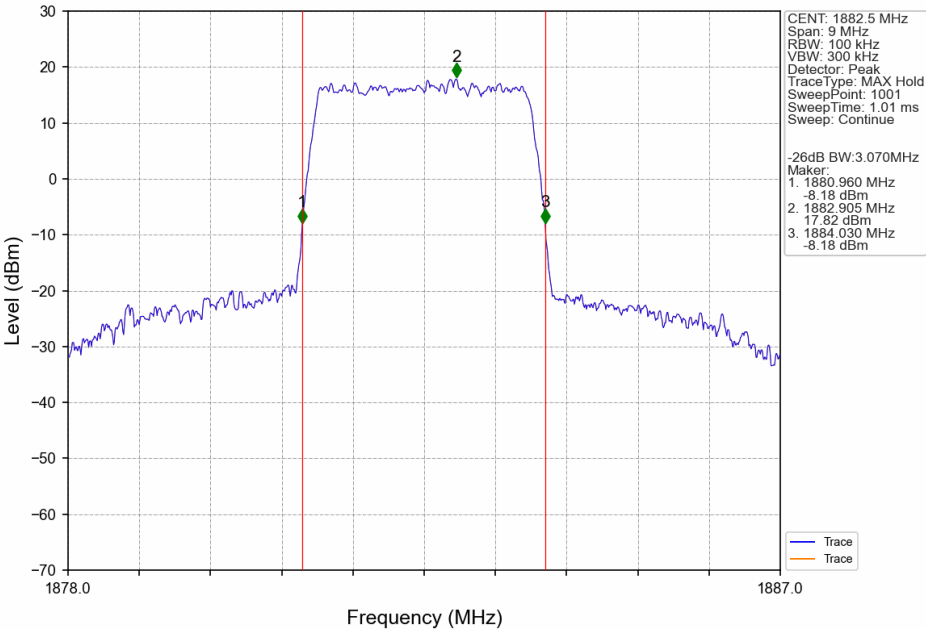
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



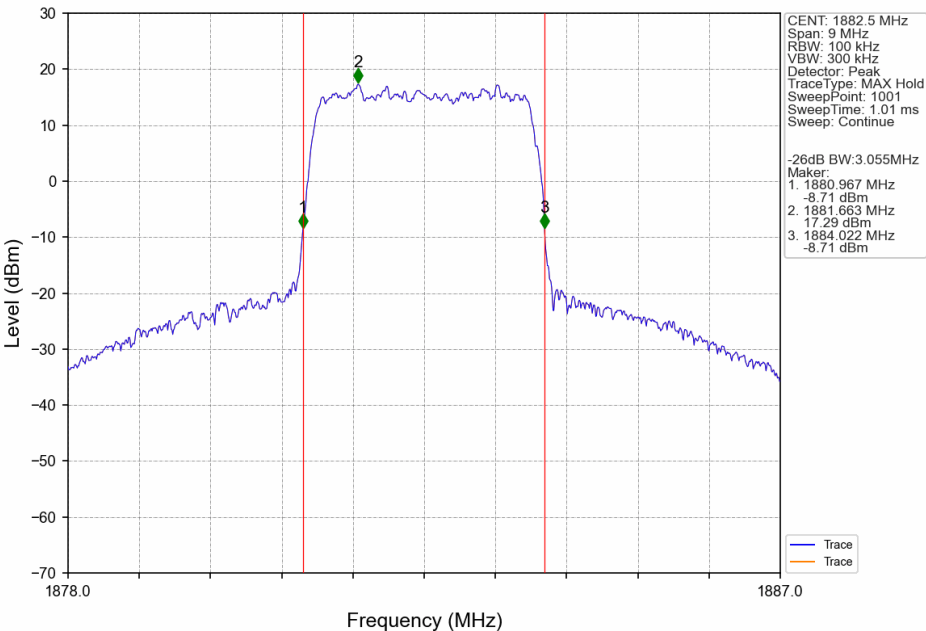
3.2.2 Band25_XDB



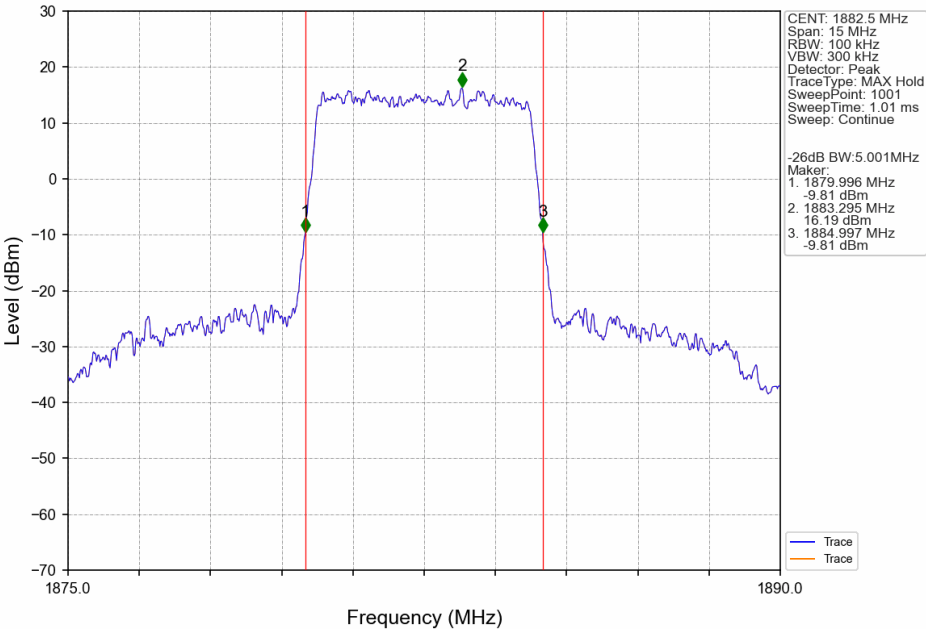
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



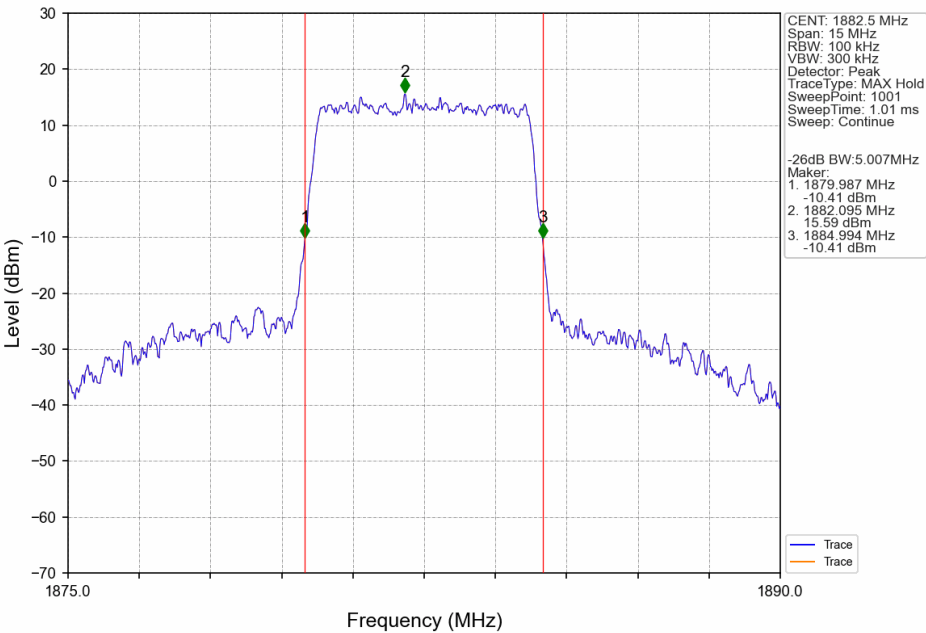
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



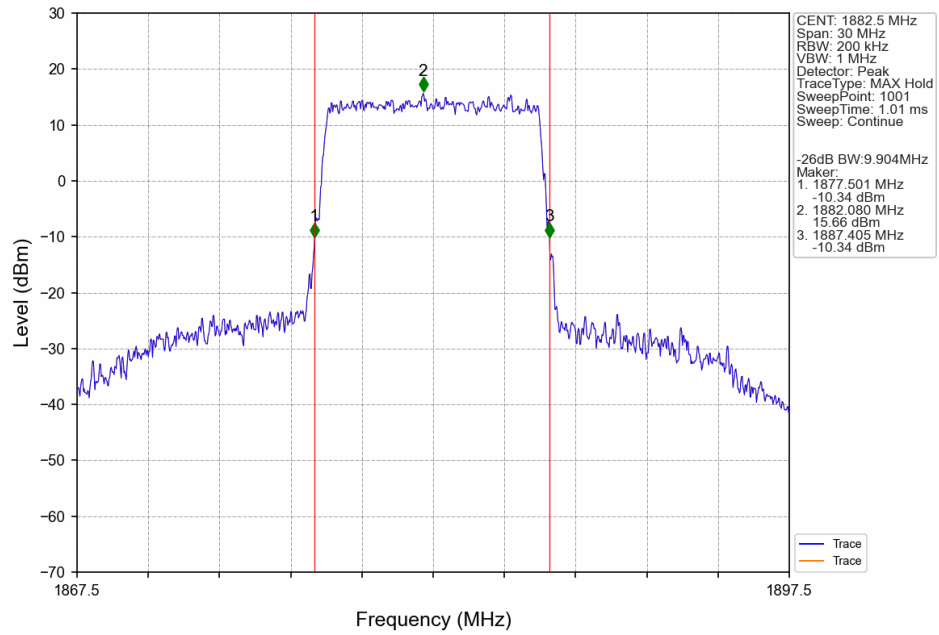
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



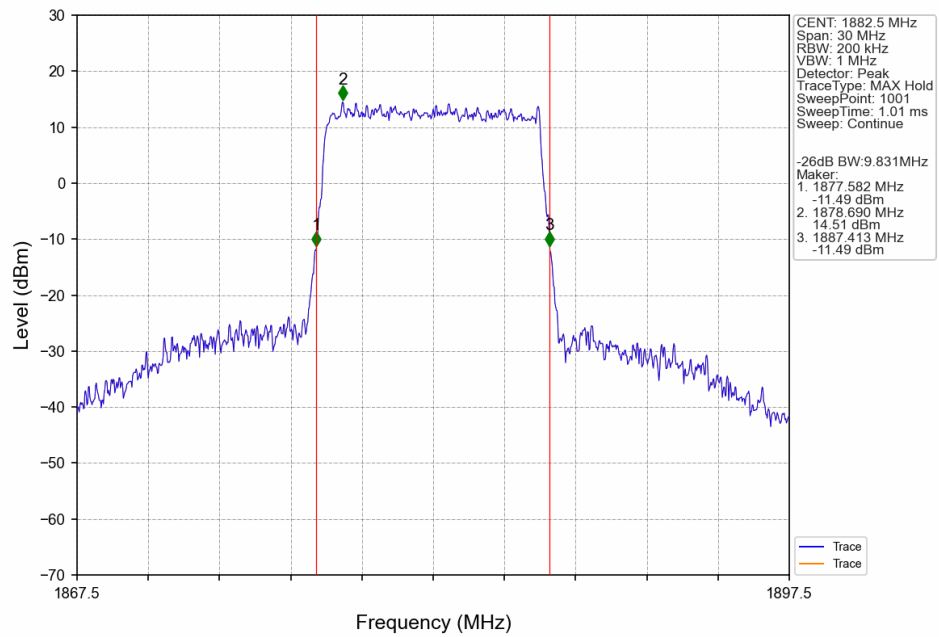
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



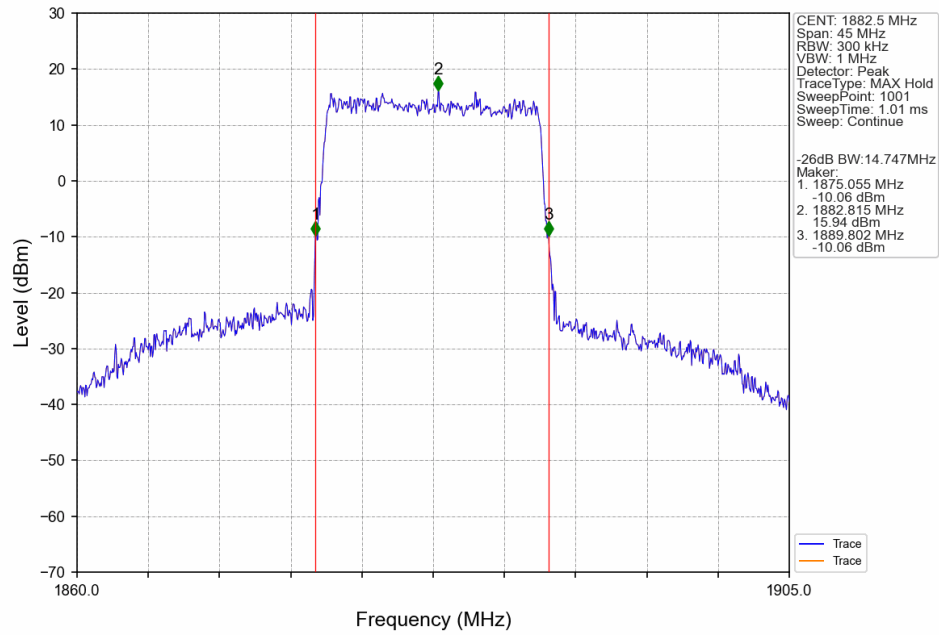
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



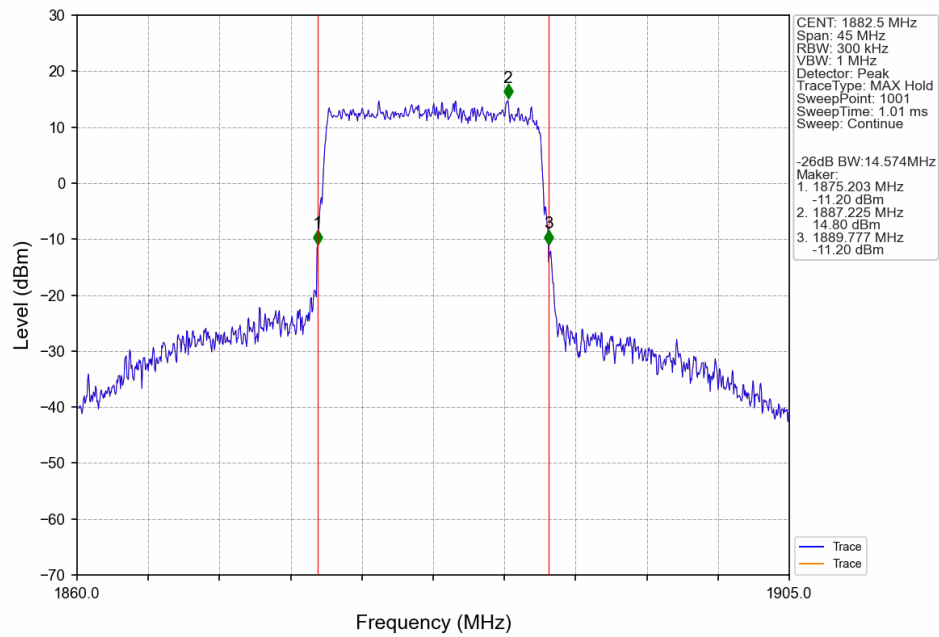
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



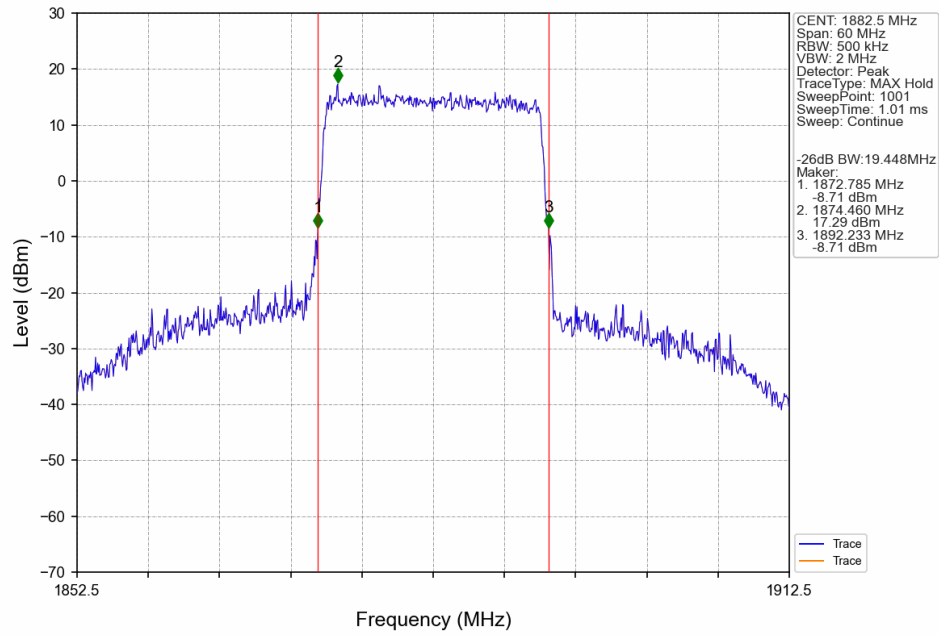
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



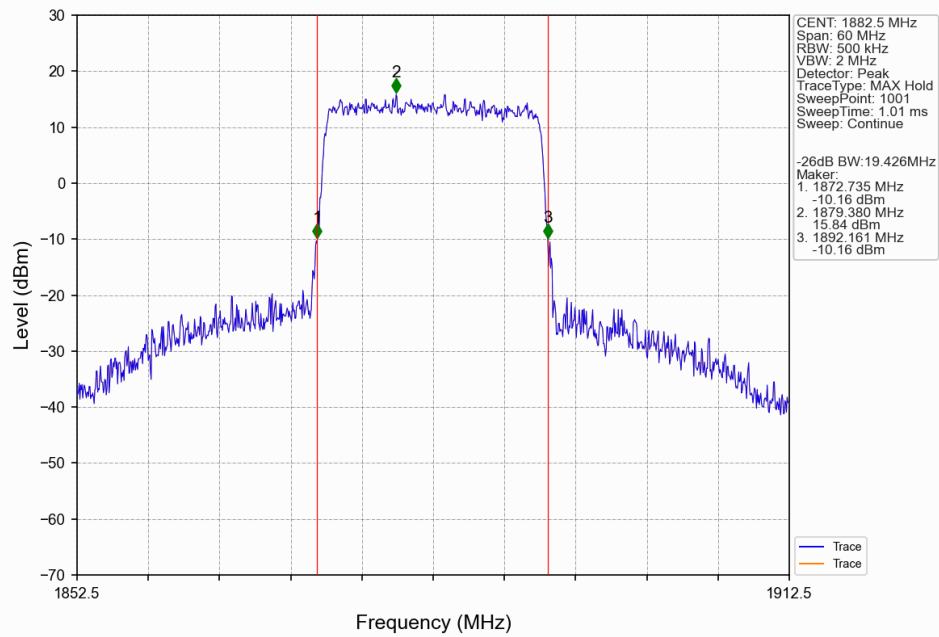
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

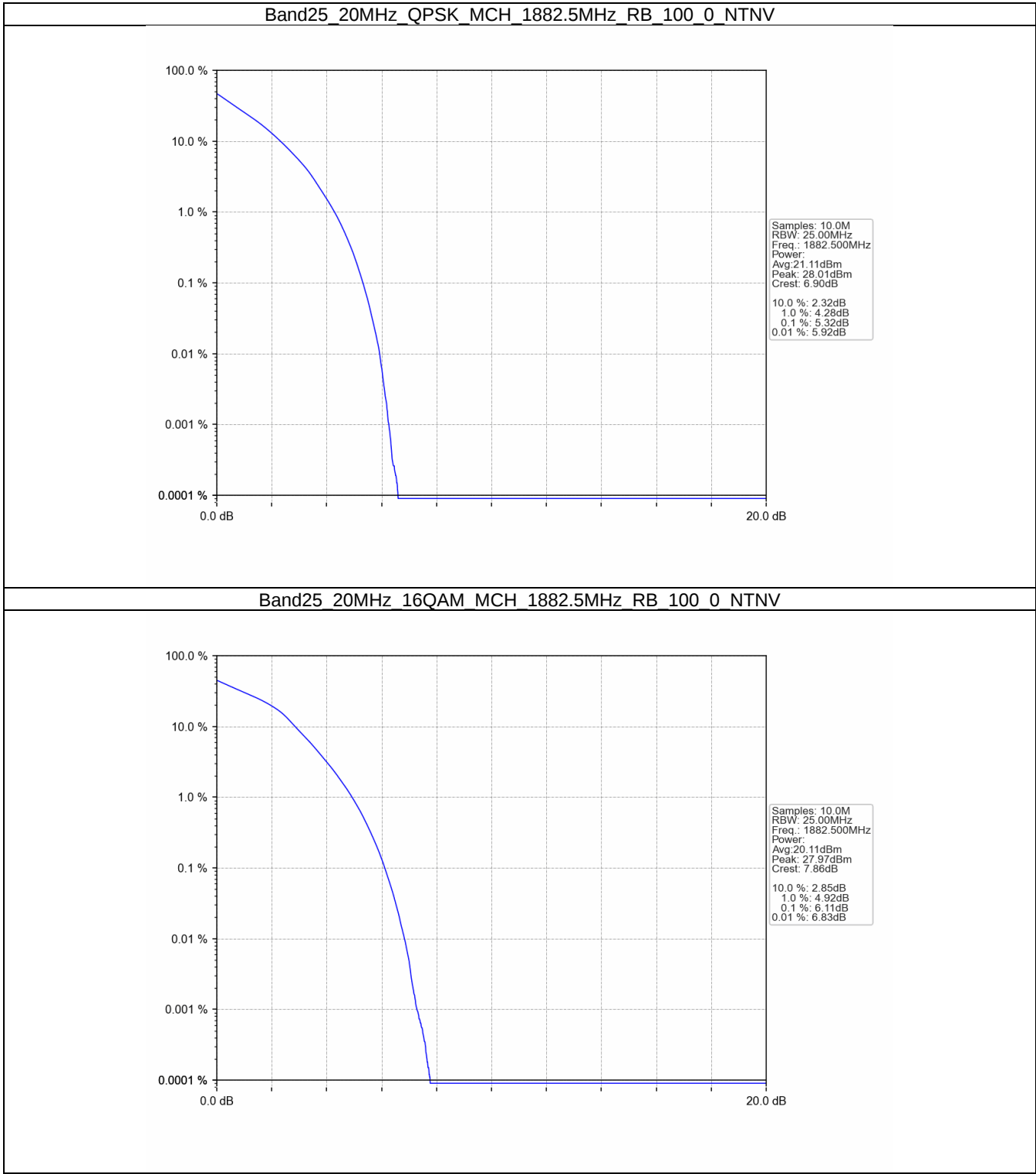
4.1 Test Result

4.1.1 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	5.32	<=13	Pass
16QAM	1882.5	100	0	6.11	<=13	Pass

4.2 Test Graph

4.2.1 B25_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / 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
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTV						
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
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B25_5MHz

Band: 25 / 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
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTVN						
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
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B25_15MHz

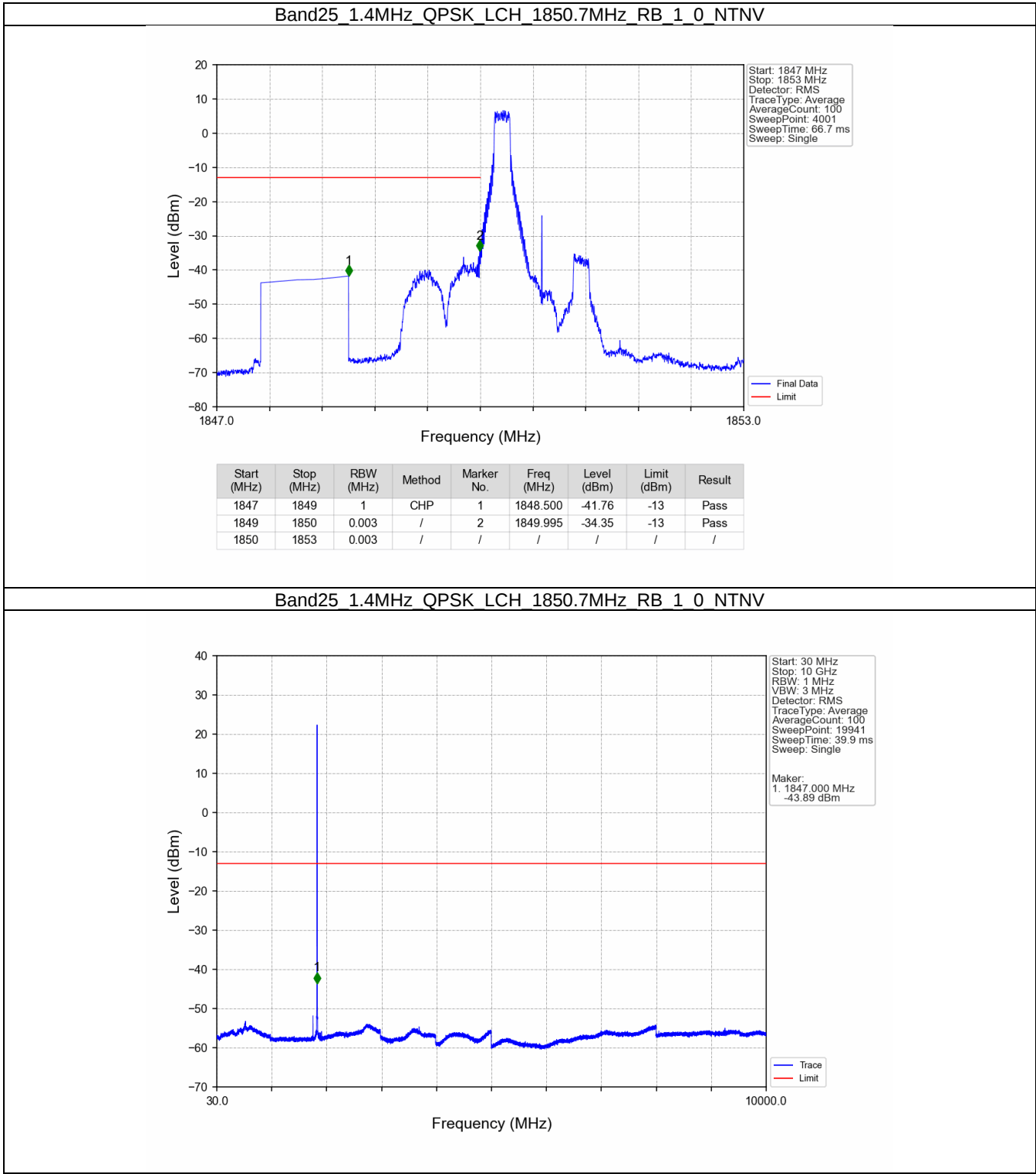
Band: 25 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B25_20MHz

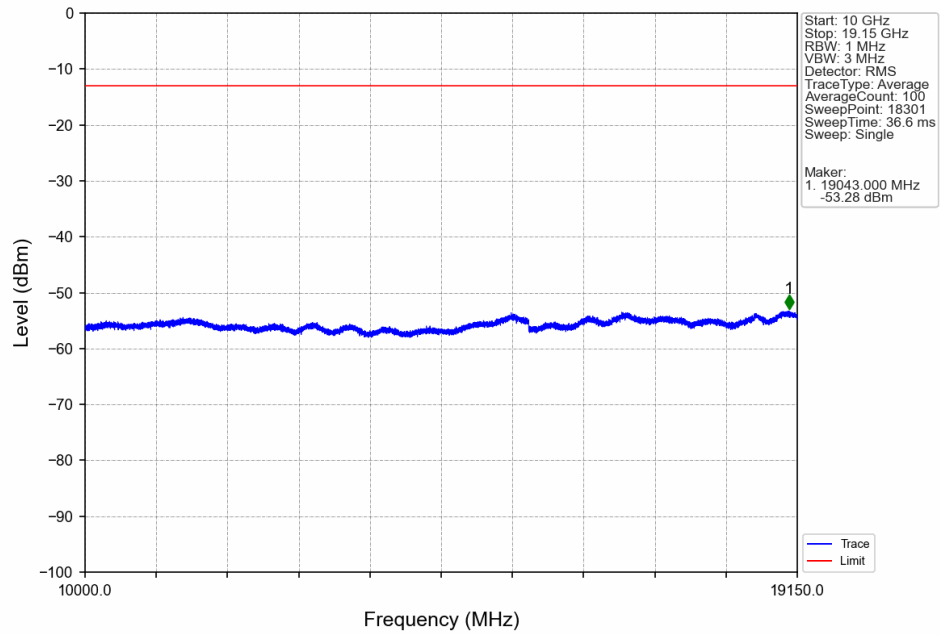
Band: 25 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

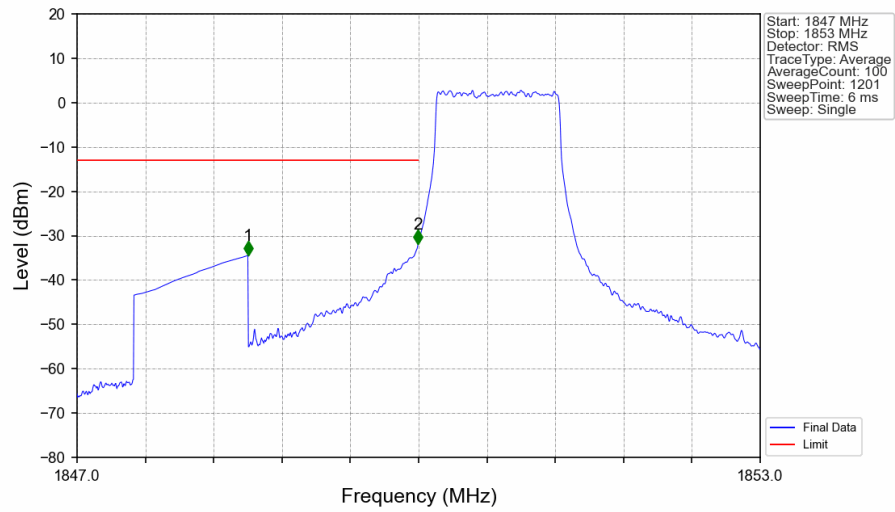
5.2.1 B25_1.4MHz



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

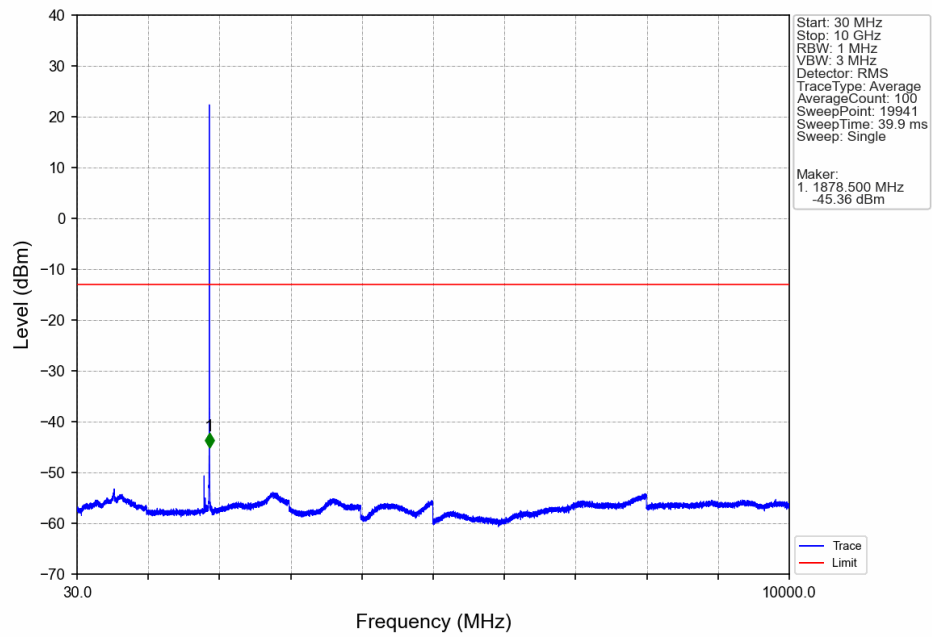


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

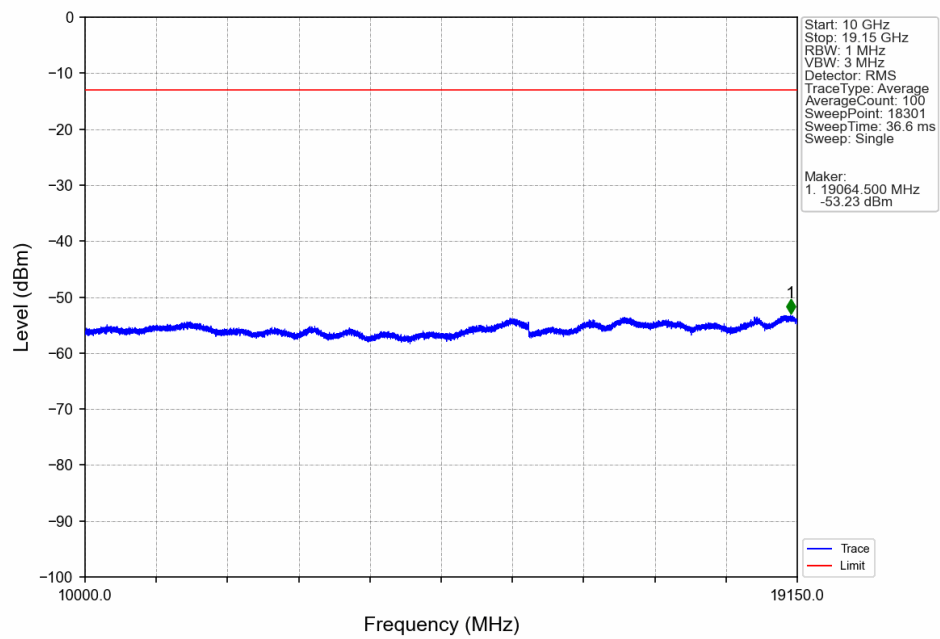


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-34.48	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-31.84	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

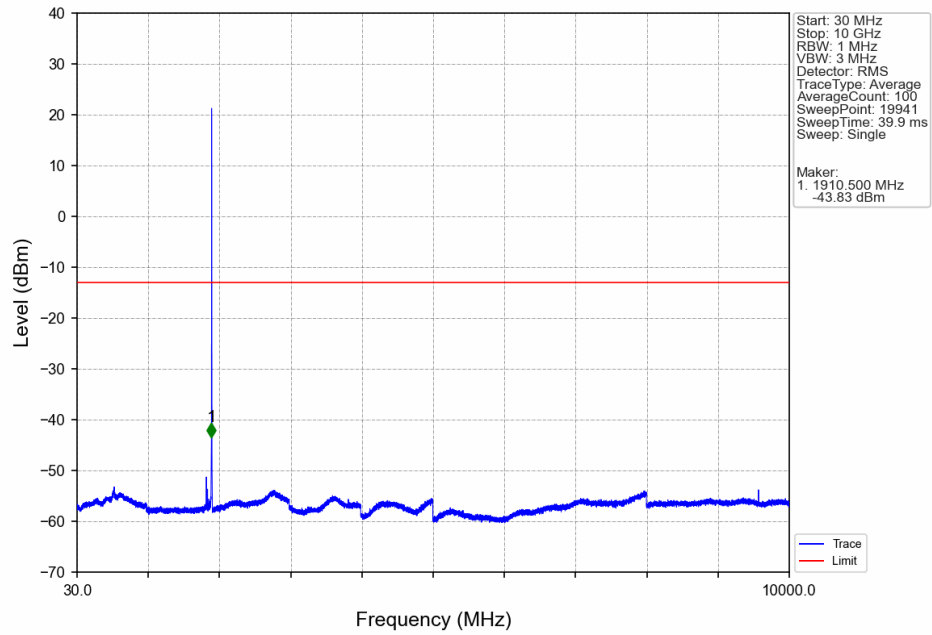
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



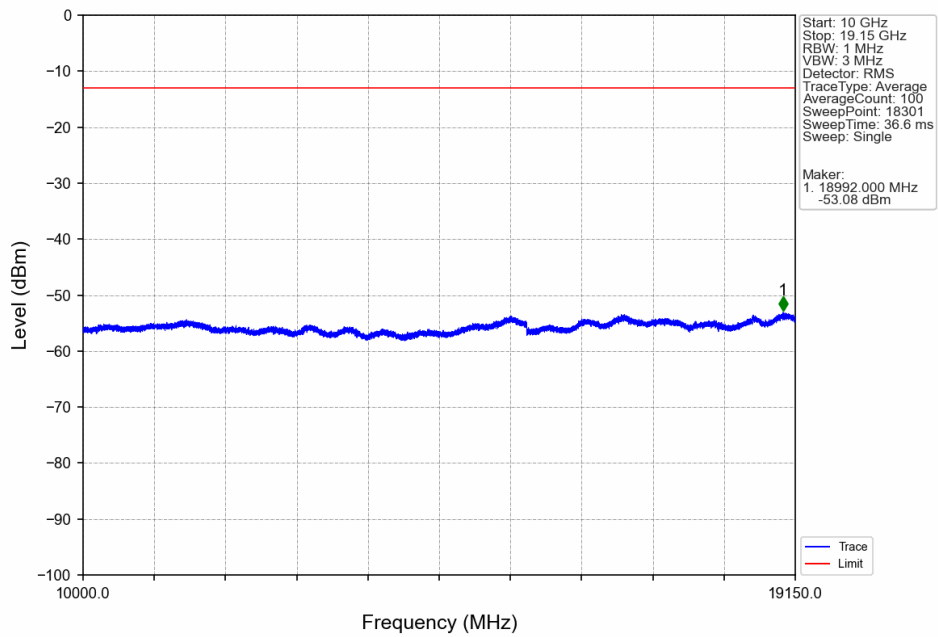
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



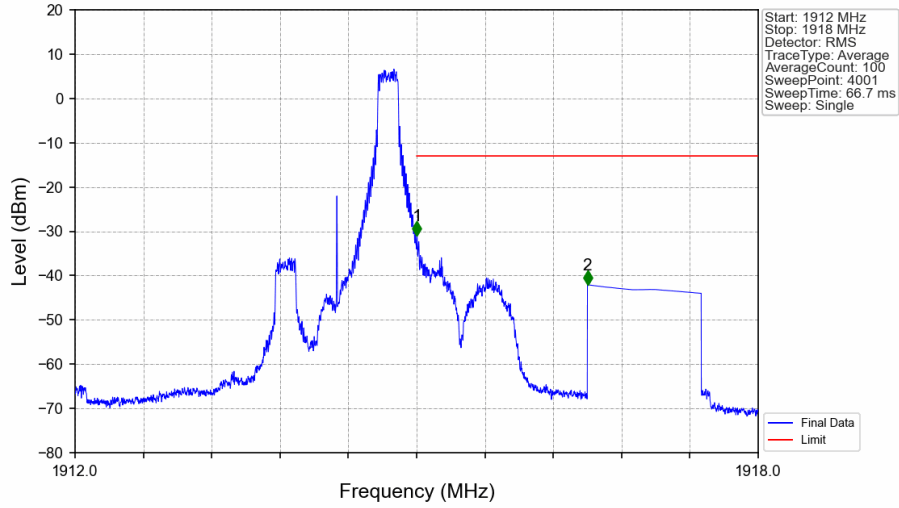
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

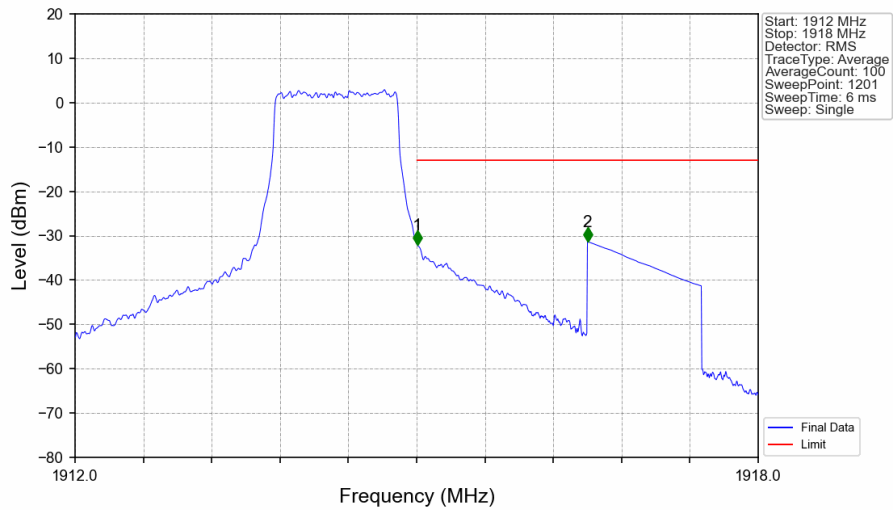


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



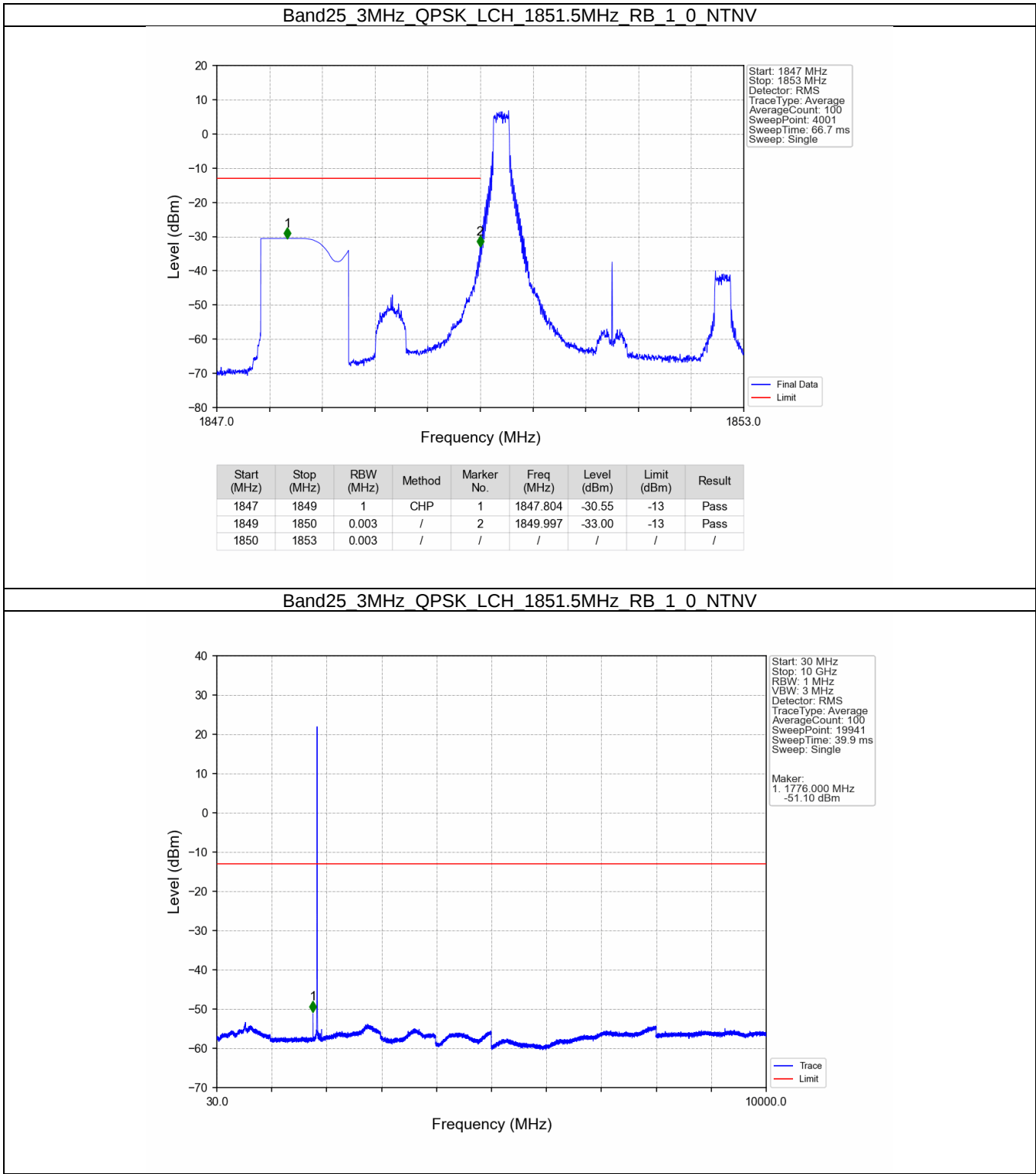
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-30.99	-13	Pass
1916	1918	1	CHP	2	1916.500	-42.06	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

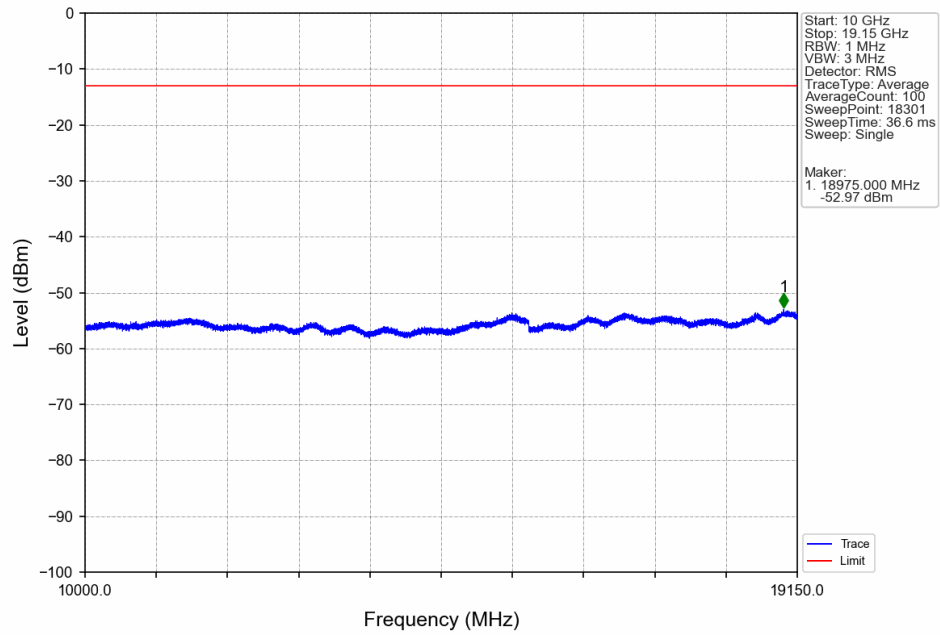


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.005	-32.04	-13	Pass
1916	1918	1	CHP	2	1916.500	-31.35	-13	Pass

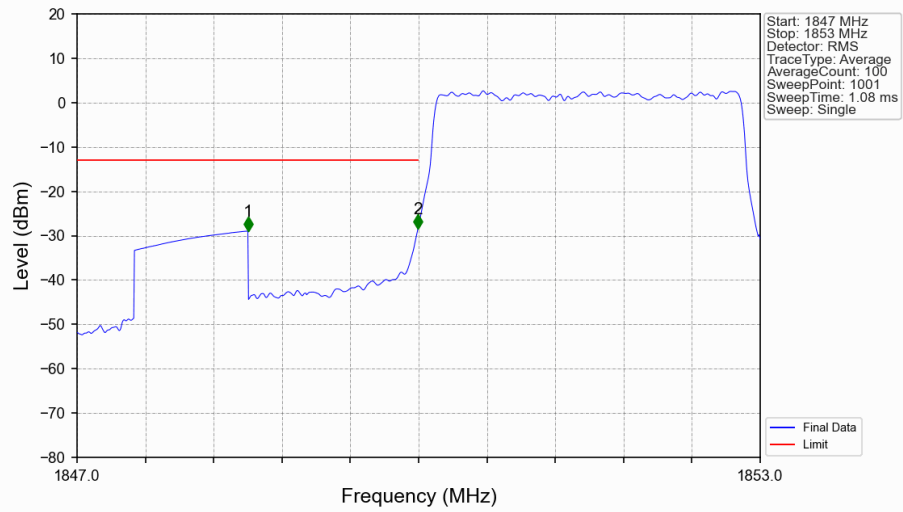
5.2.2 B25_3MHz



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

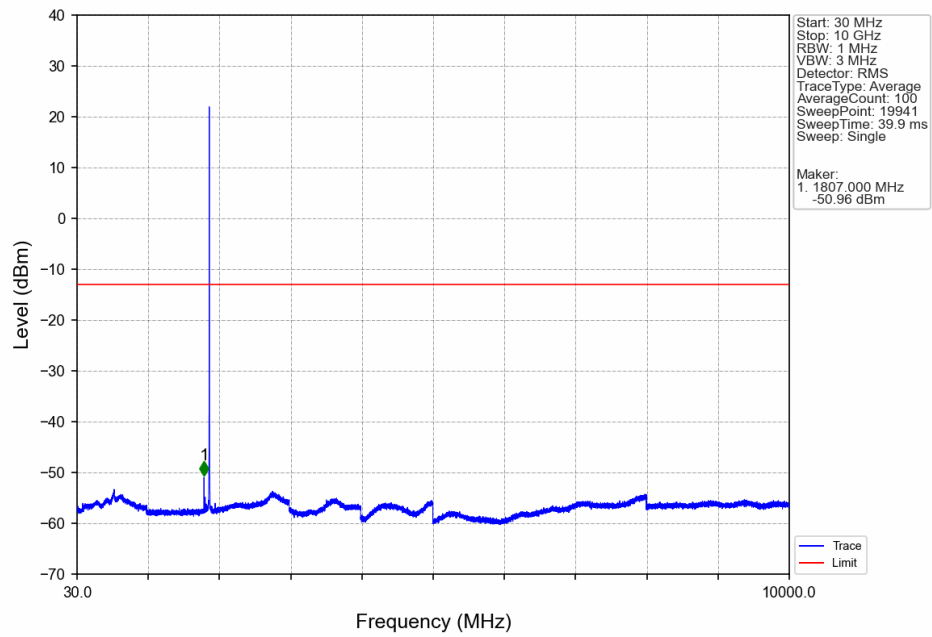


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

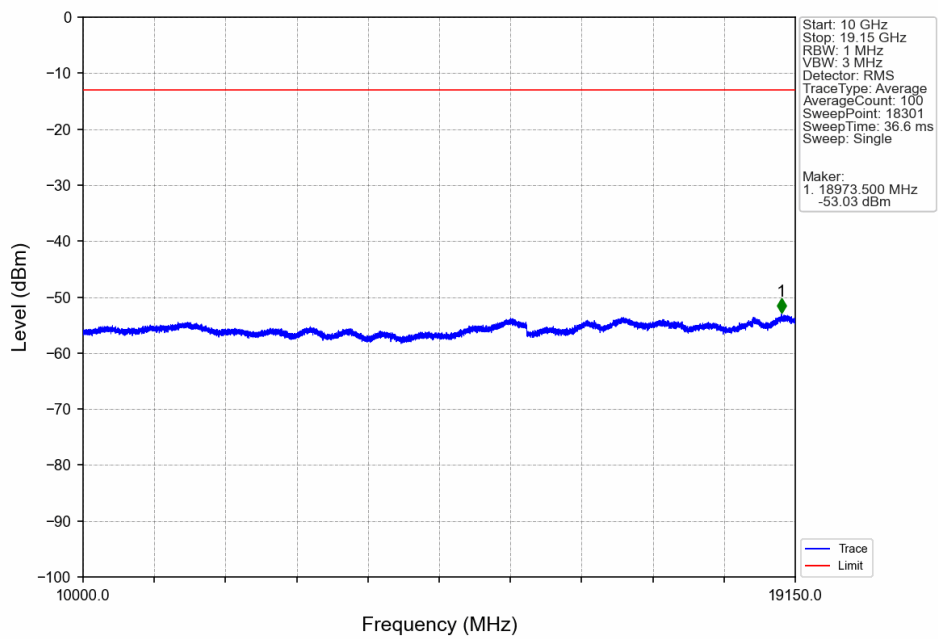


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-28.99	-13	Pass
1849	1850	0.031	CHP	2	1849.994	-28.44	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

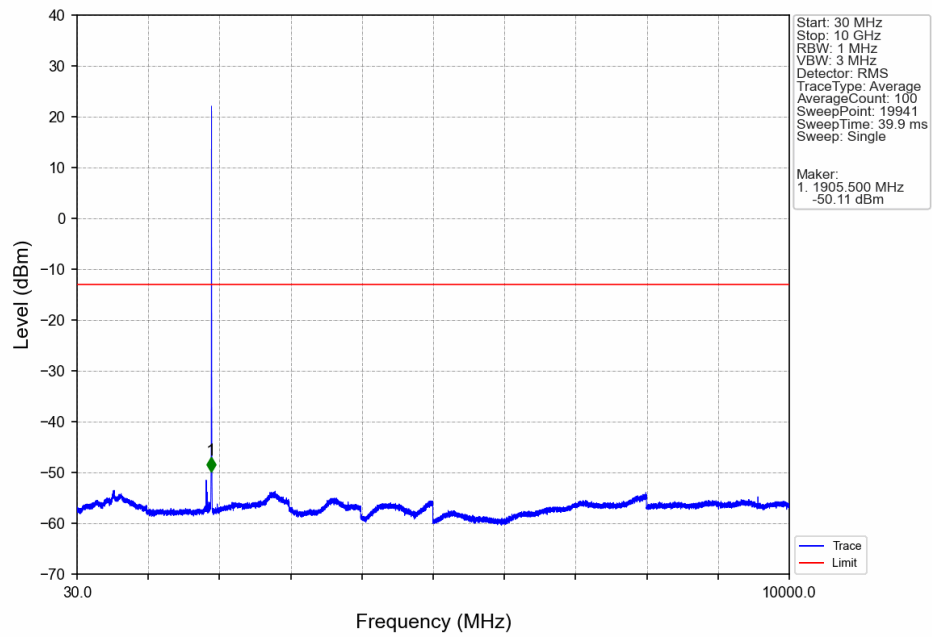
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



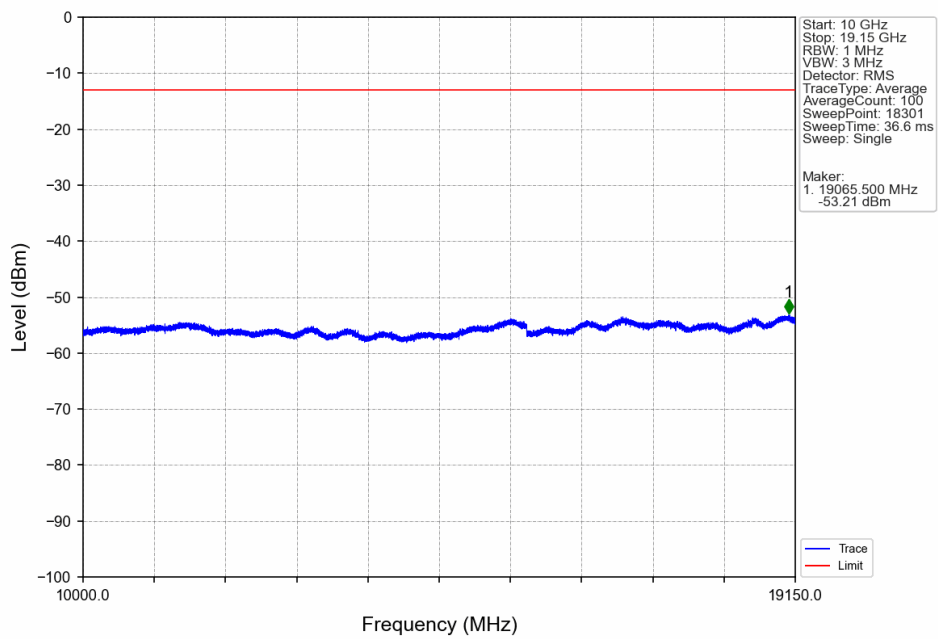
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



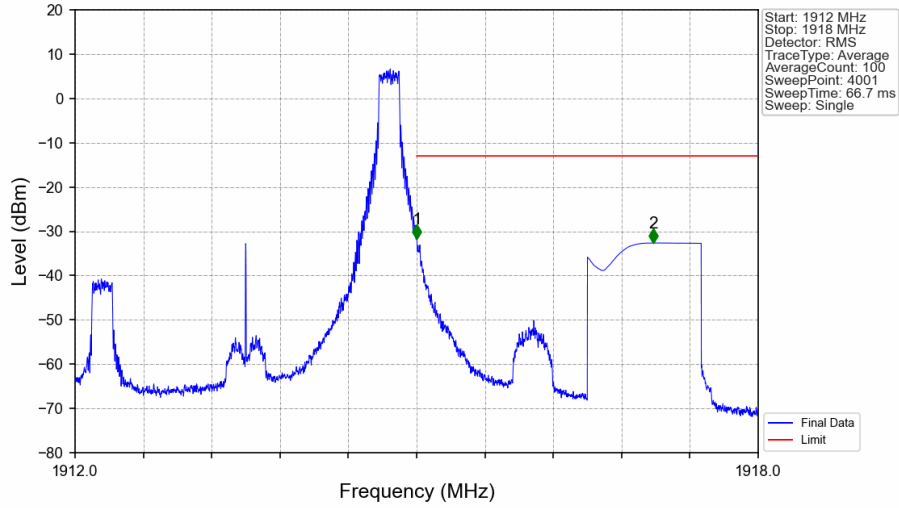
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

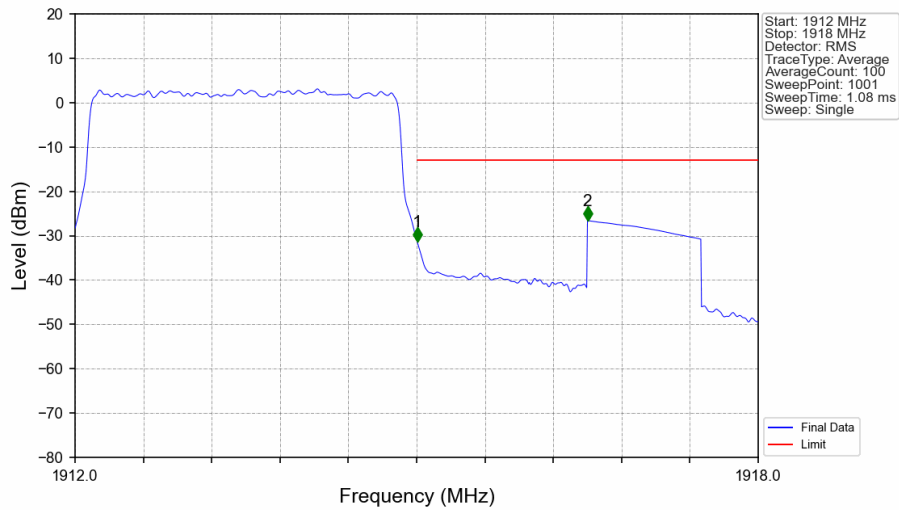


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



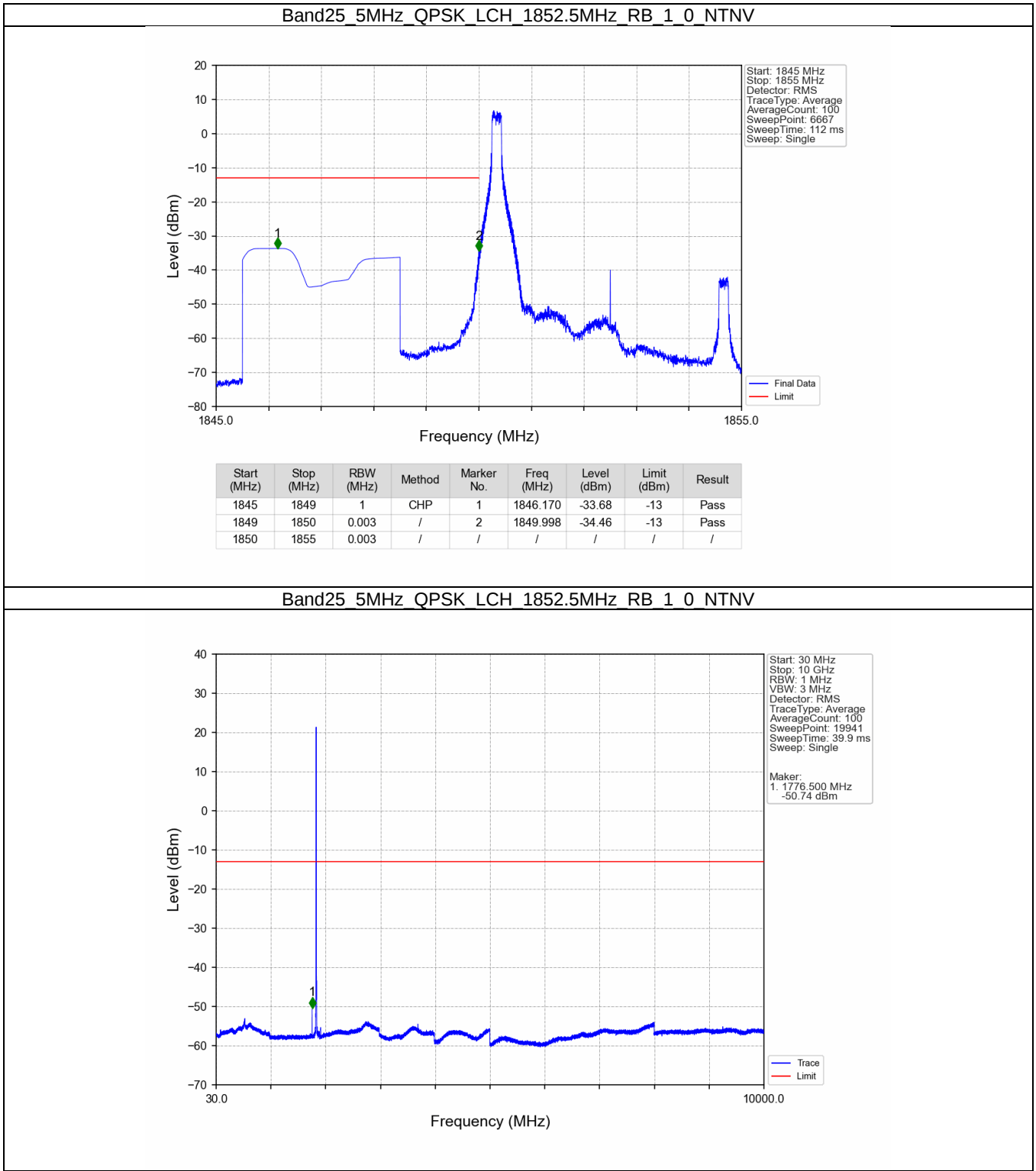
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-31.62	-13	Pass
1916	1918	1	CHP	2	1917.081	-32.65	-13	Pass

Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

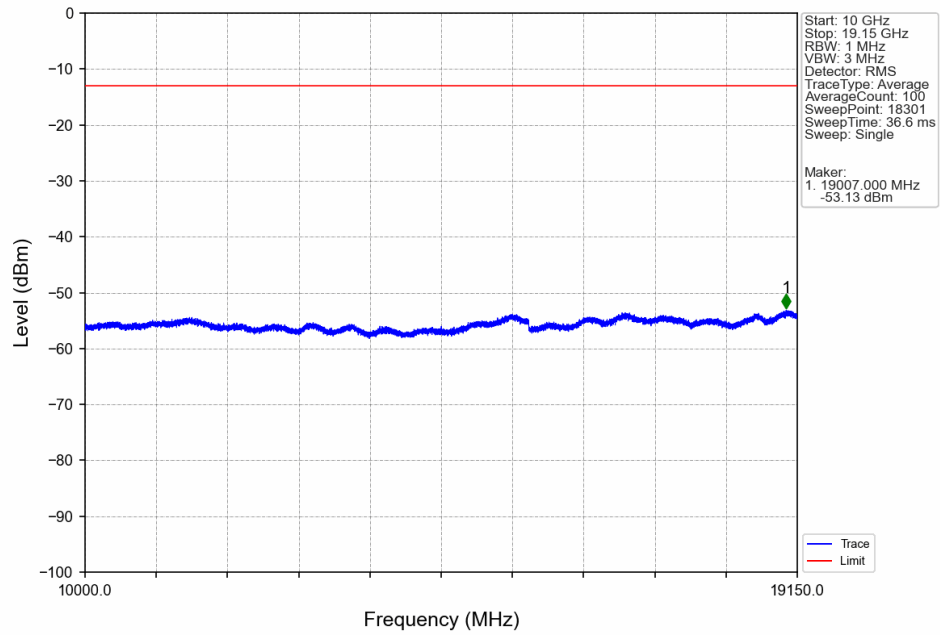


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.031	CHP	/	/	/	/	/
1915	1916	0.031	CHP	1	1915.006	-31.37	-13	Pass
1916	1918	1	CHP	2	1916.500	-26.64	-13	Pass

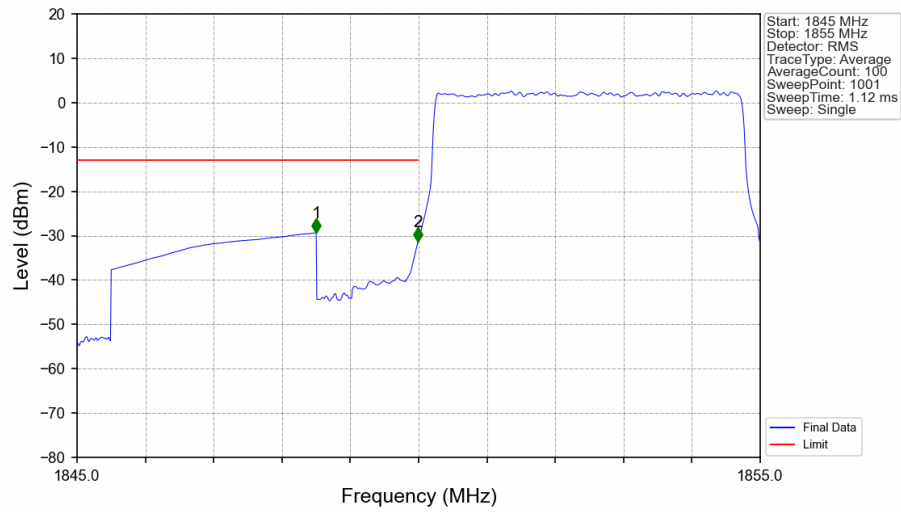
5.2.3 B25_5MHz



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

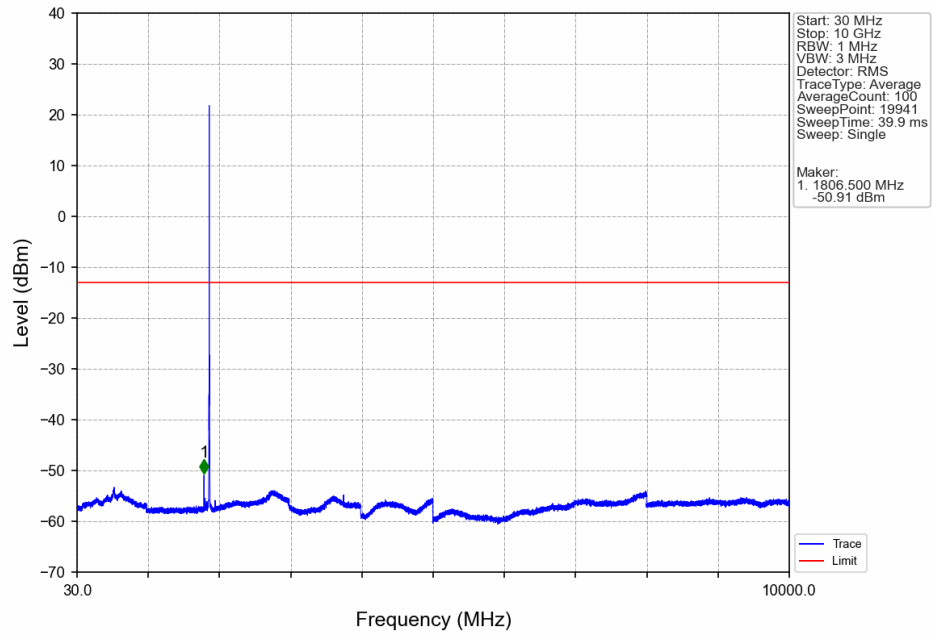


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

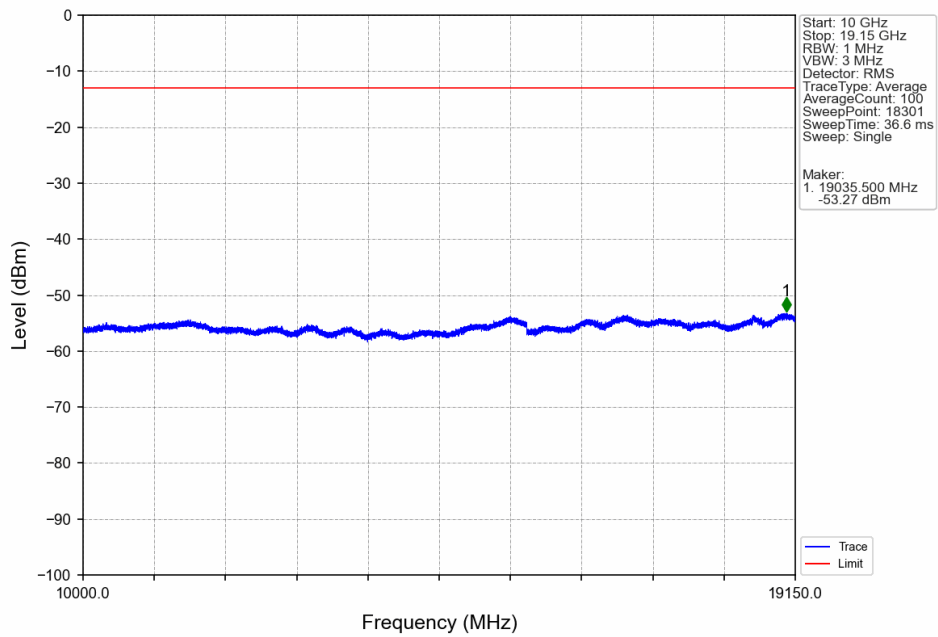


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-29.36	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-31.35	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

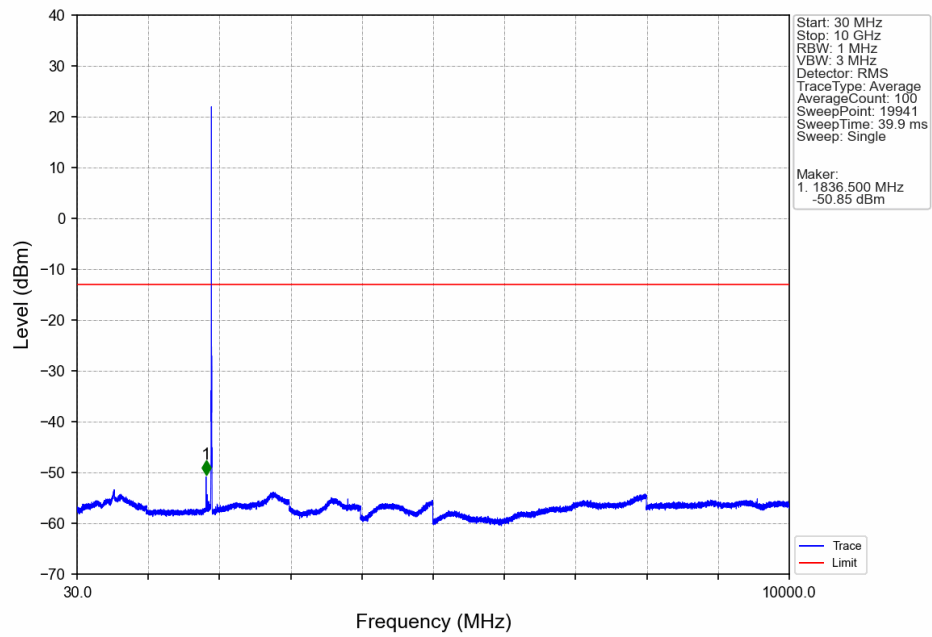
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



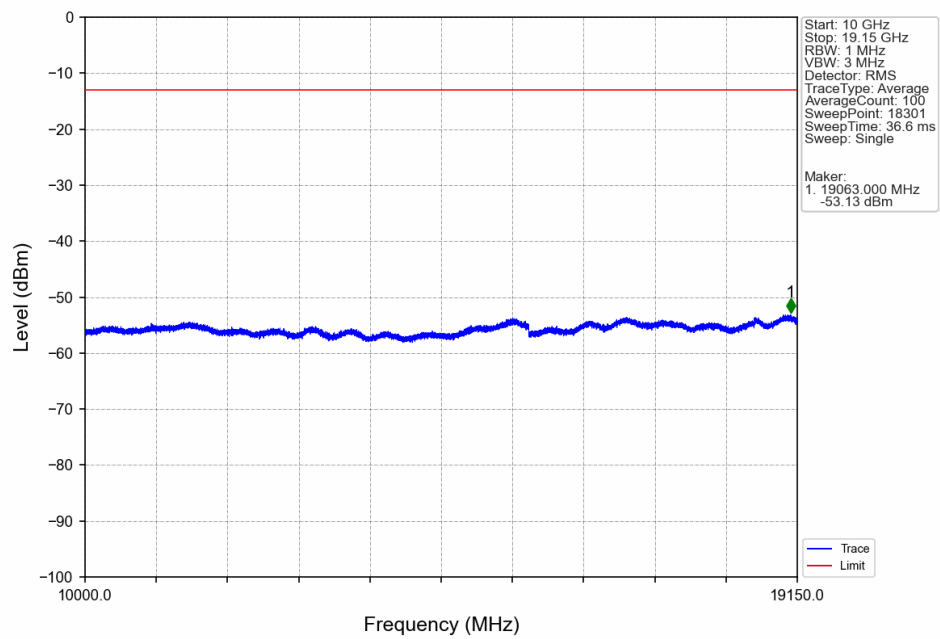
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



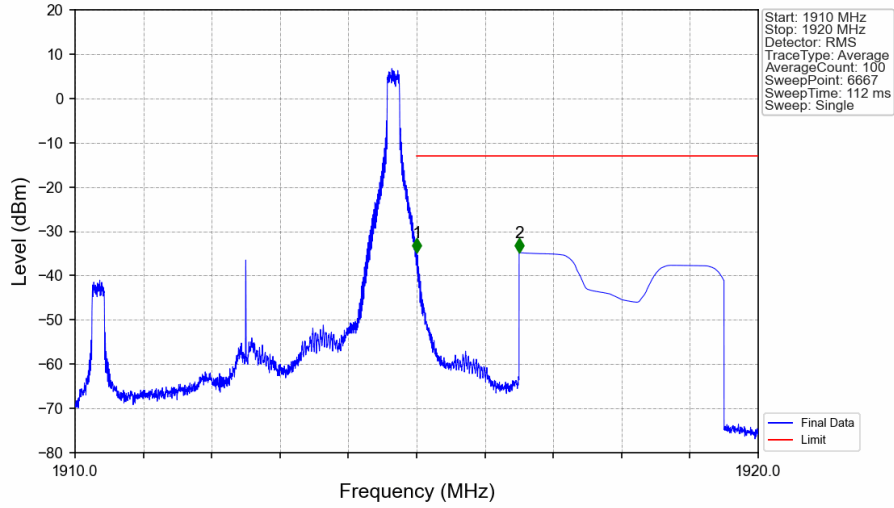
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV

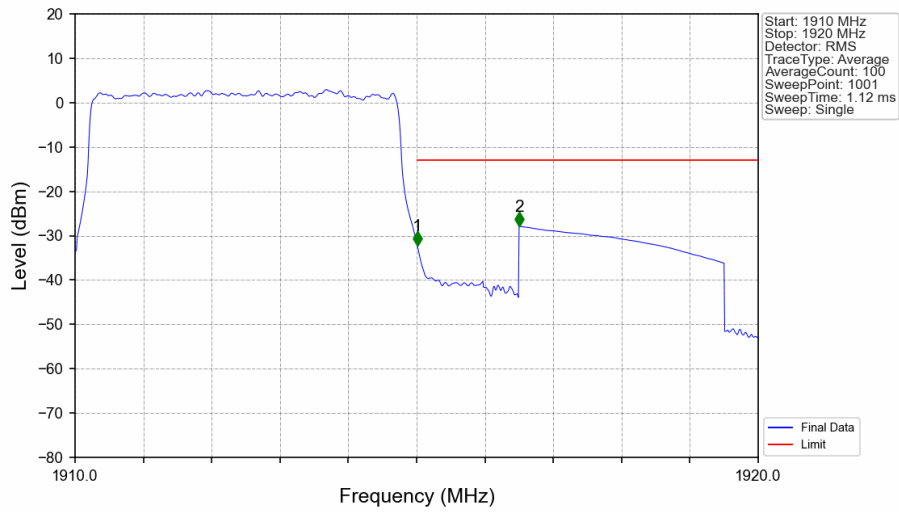


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



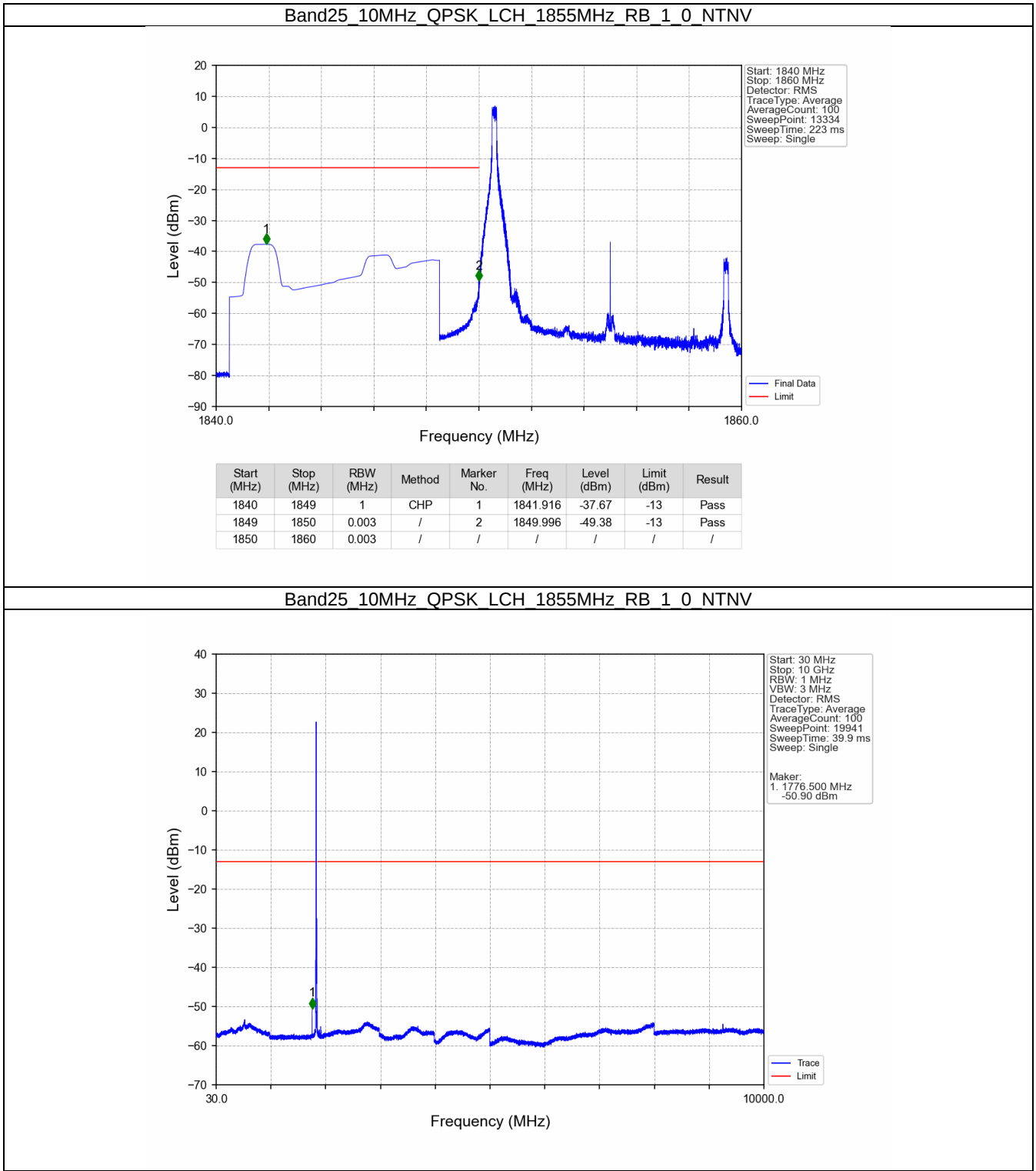
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-34.72	-13	Pass
1916	1920	1	CHP	2	1916.500	-34.82	-13	Pass

Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

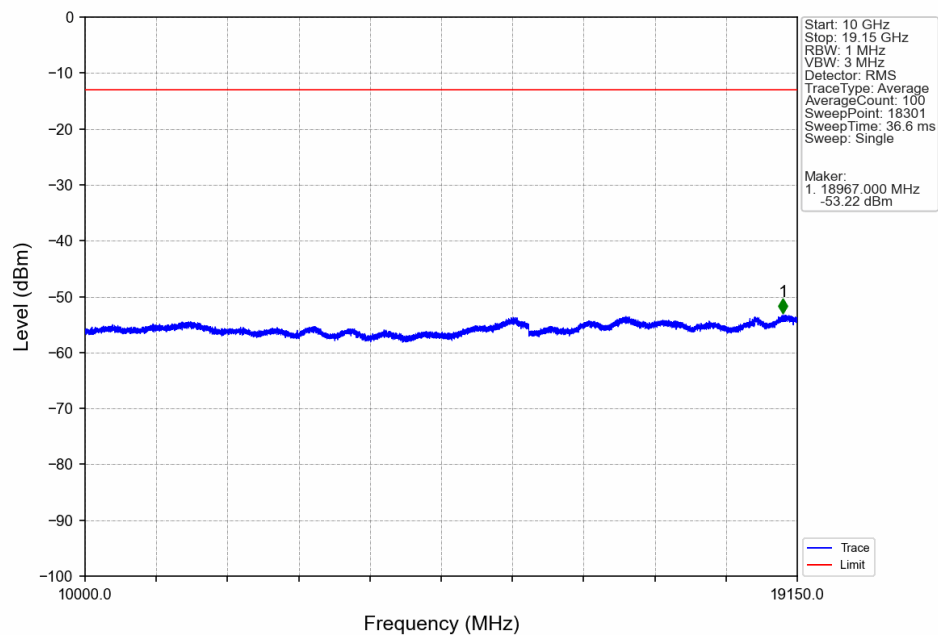


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.05	CHP	/	/	/	/	/
1915	1916	0.05	CHP	1	1915.010	-32.23	-13	Pass
1916	1920	1	CHP	2	1916.500	-27.92	-13	Pass

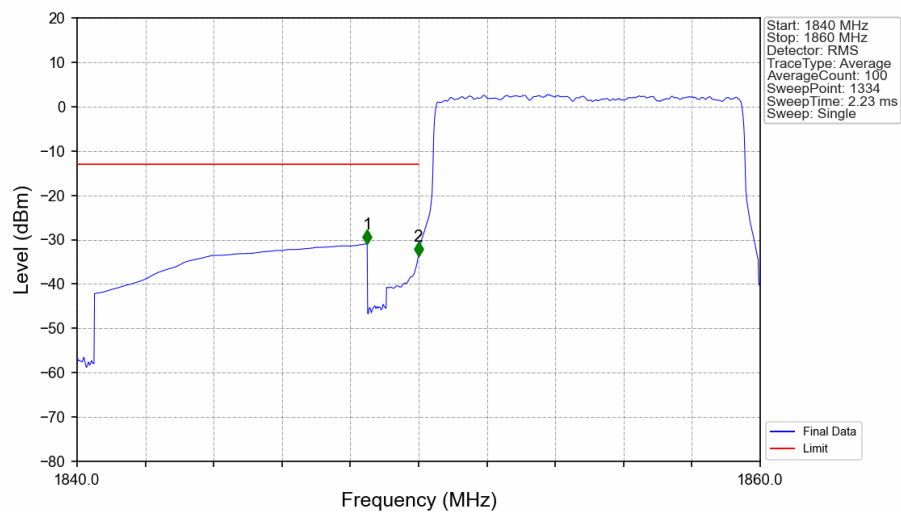
5.2.4 B25_10MHz



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

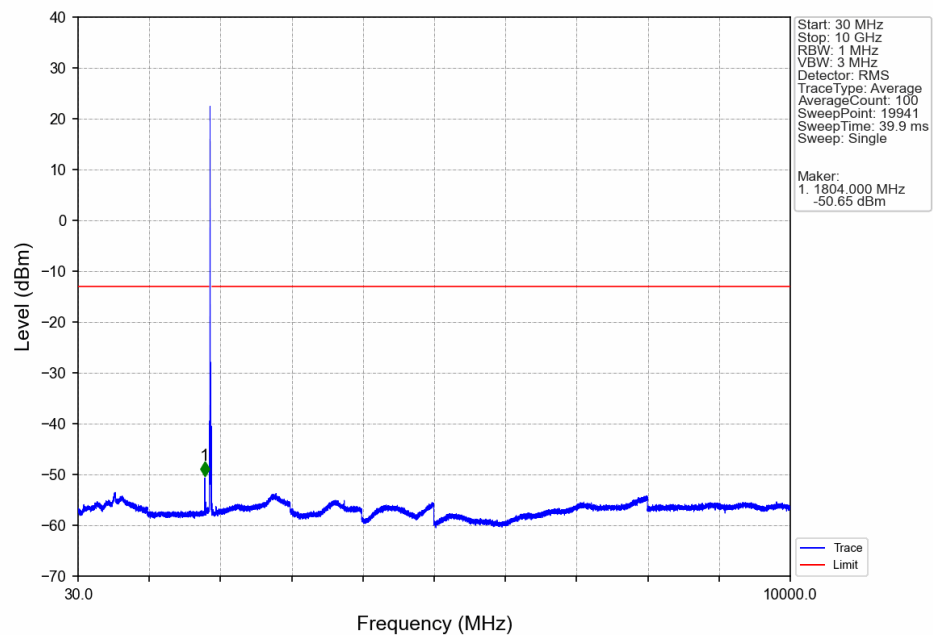


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

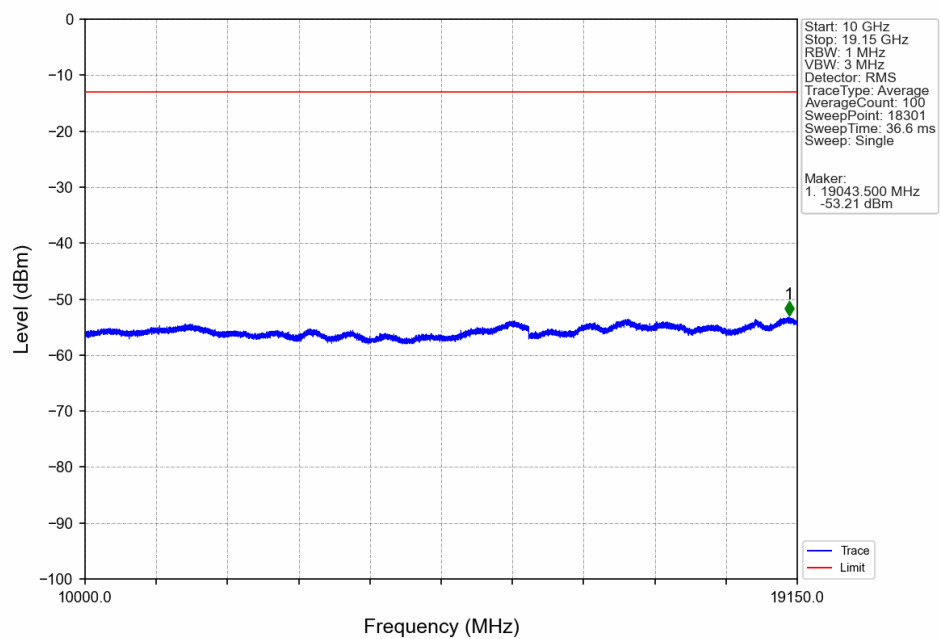


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.492	-30.92	-13	Pass
1849	1850	0.098	CHP	2	1849.992	-33.66	-13	Pass
1850	1860	0.098	CHP	/	/	/	/	/

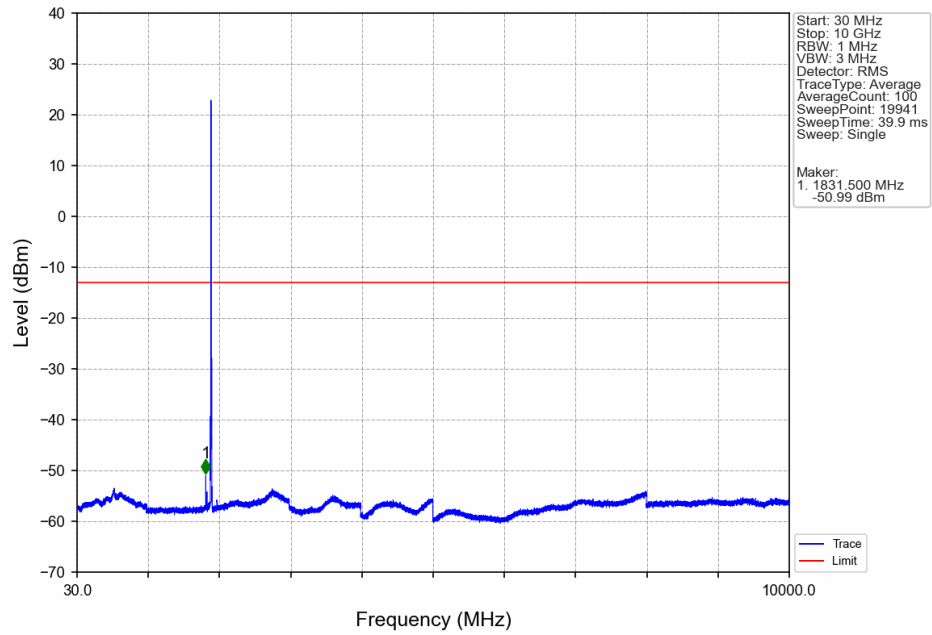
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



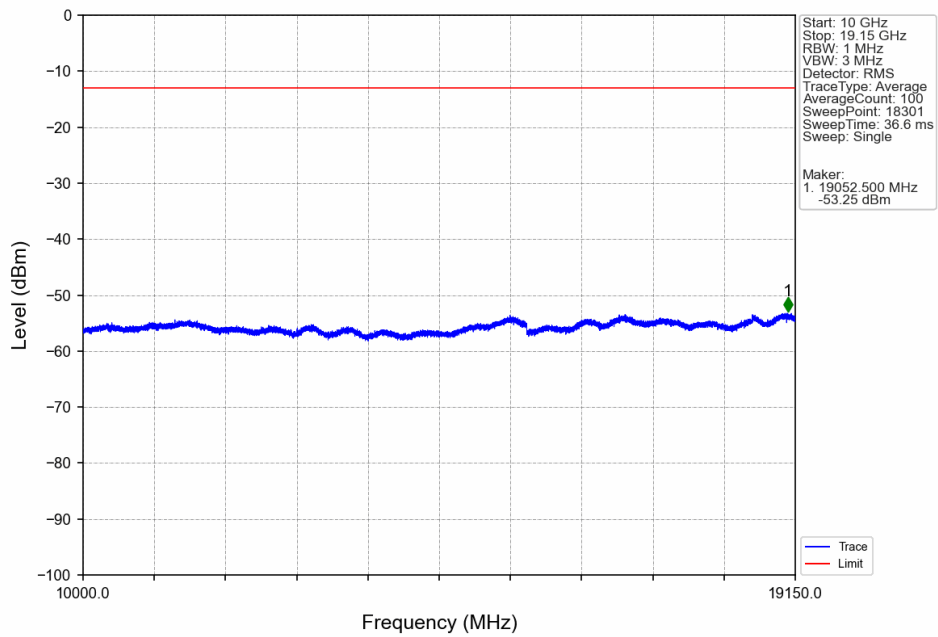
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



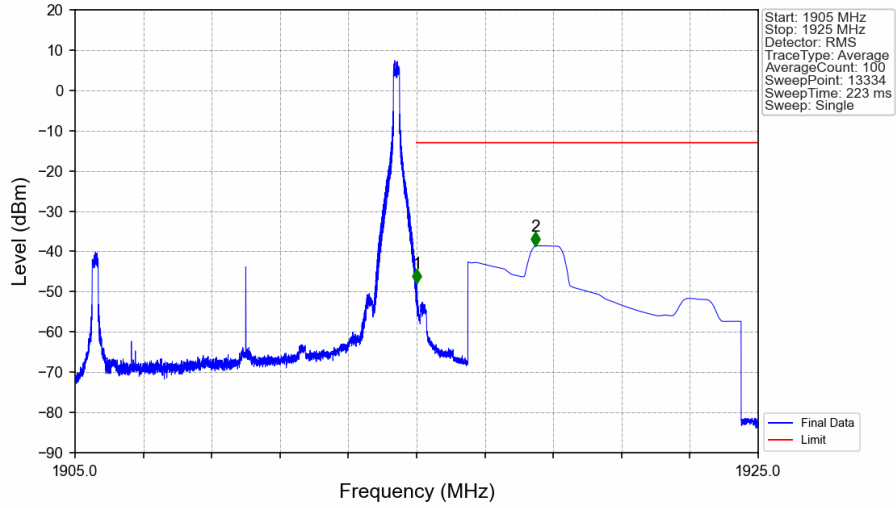
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

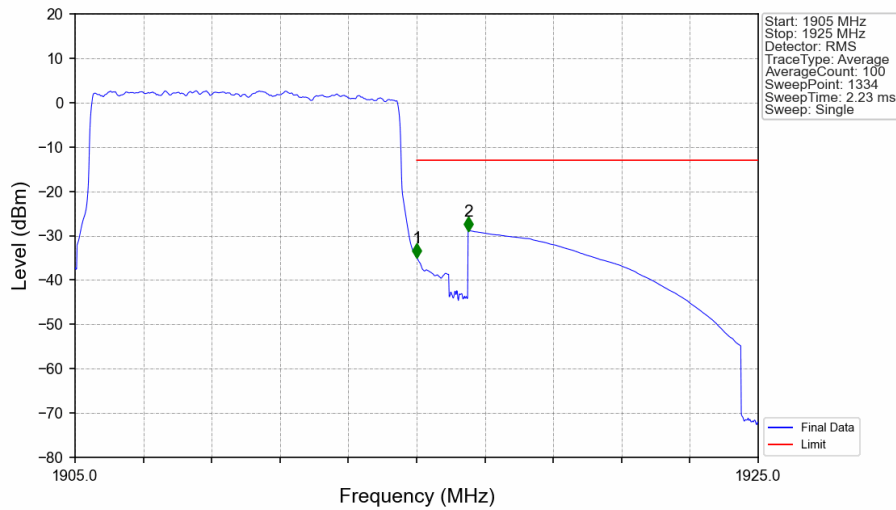


Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



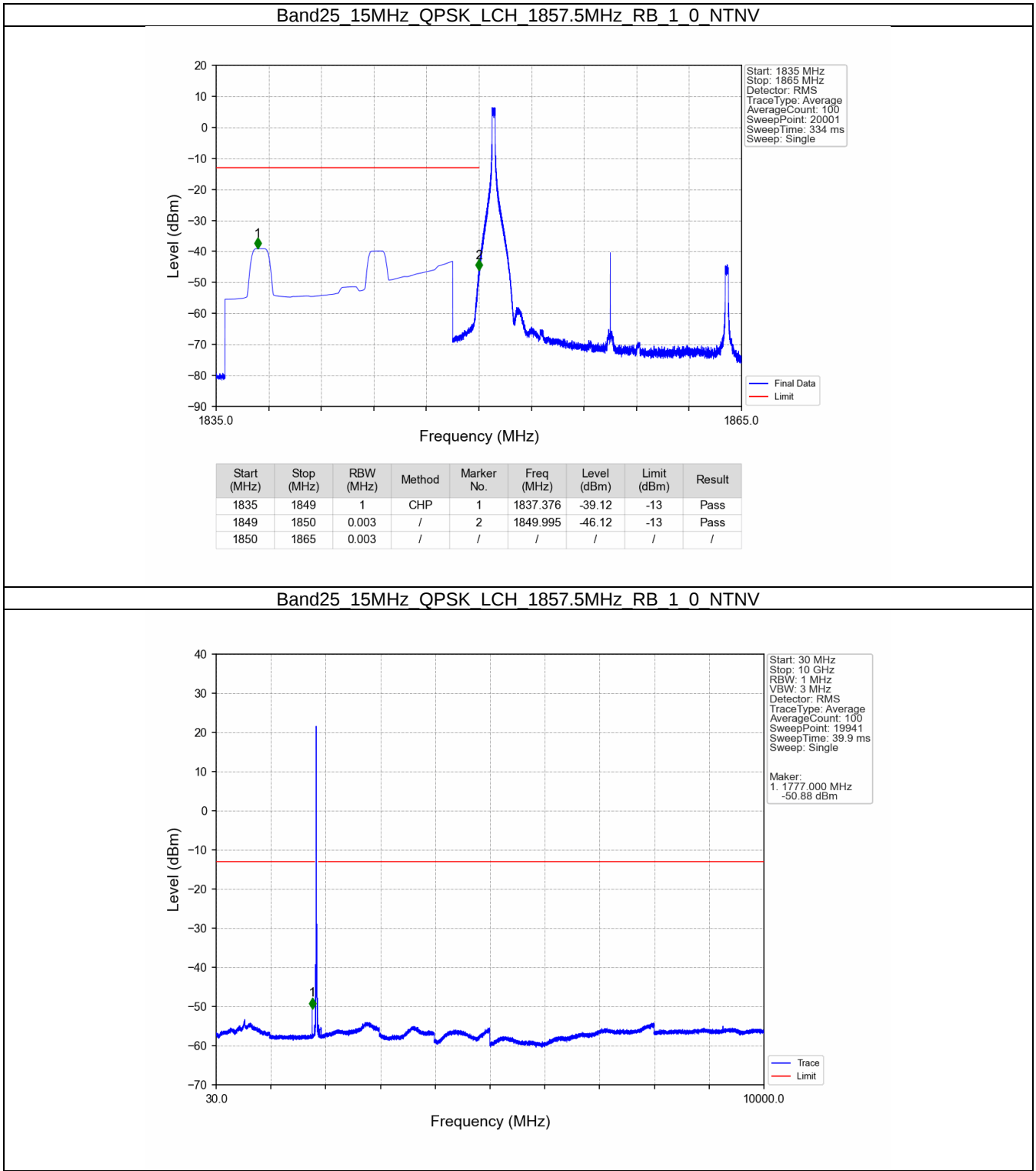
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-47.83	-13	Pass
1916	1925	1	CHP	2	1918.487	-38.59	-13	Pass

Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

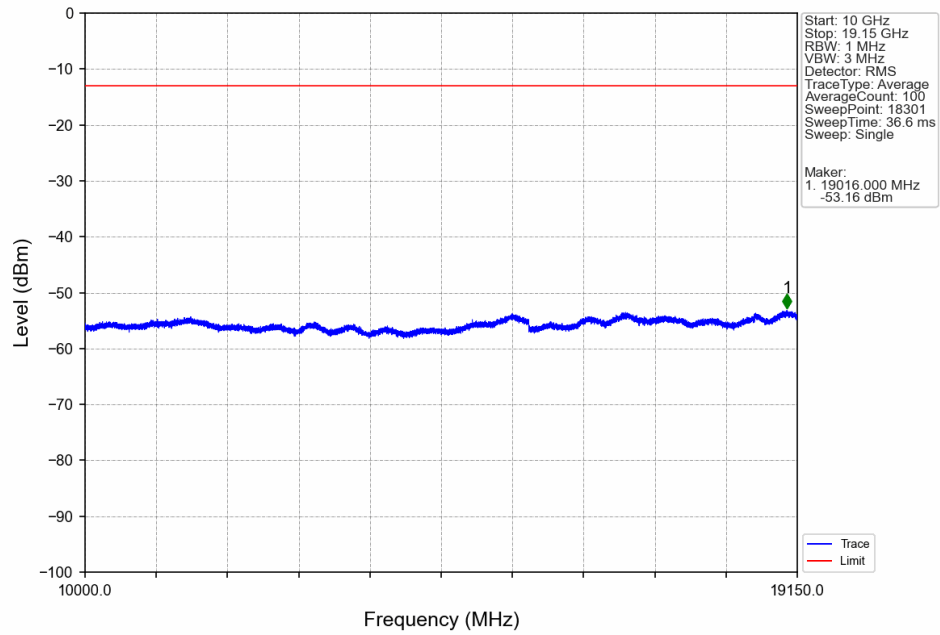


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.099	CHP	/	/	/	/	/
1915	1916	0.099	CHP	1	1915.008	-34.99	-13	Pass
1916	1925	1	CHP	2	1916.508	-28.88	-13	Pass

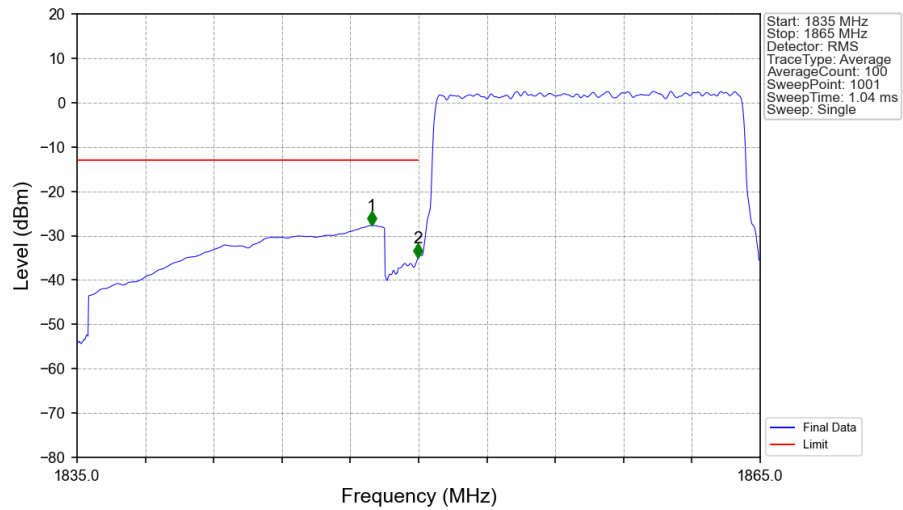
5.2.5 B25_15MHz



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

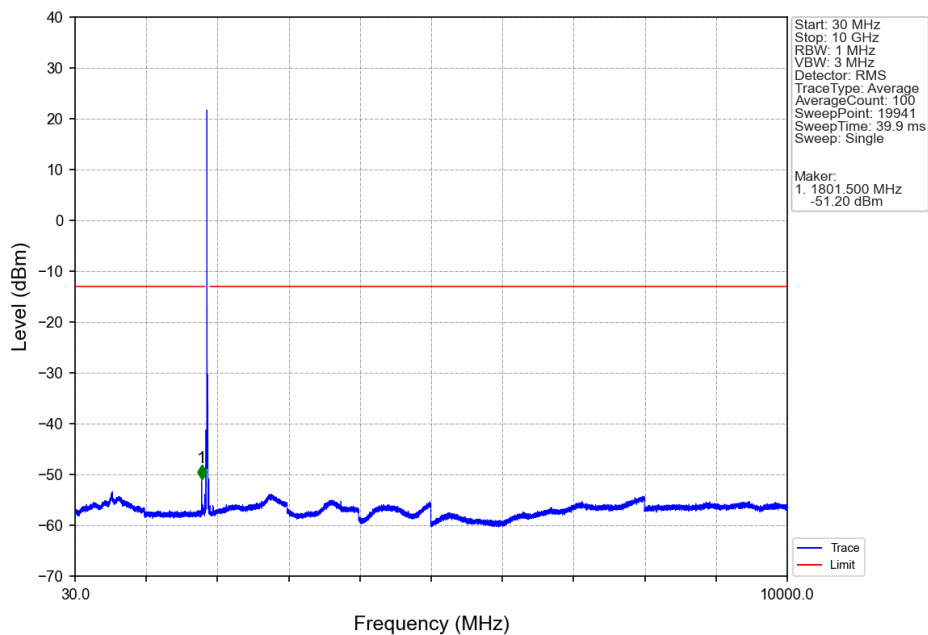


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

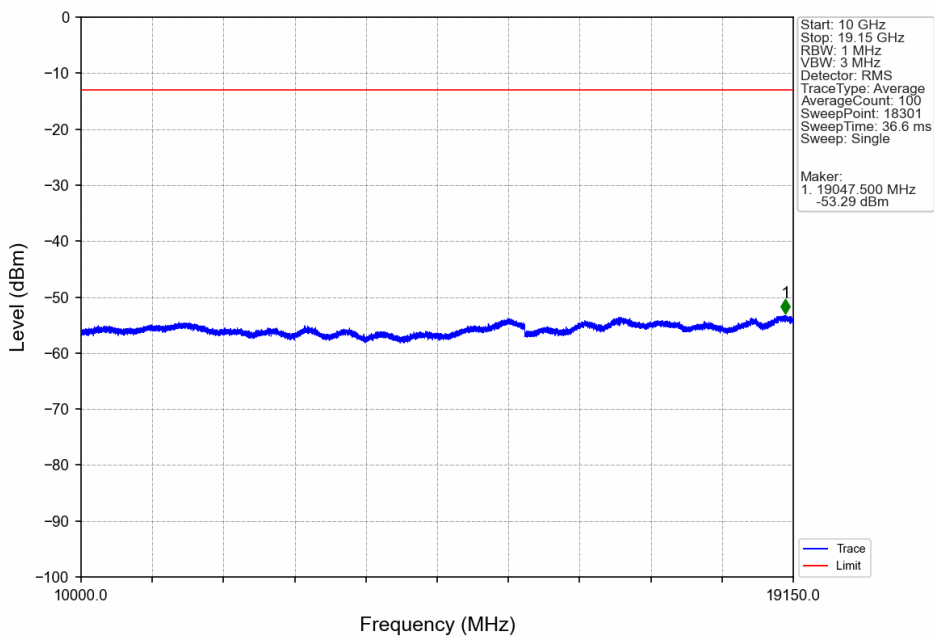


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.930	-27.71	-13	Pass
1849	1850	0.146	CHP	2	1849.970	-34.93	-13	Pass
1850	1865	0.146	CHP	/	/	/	/	/

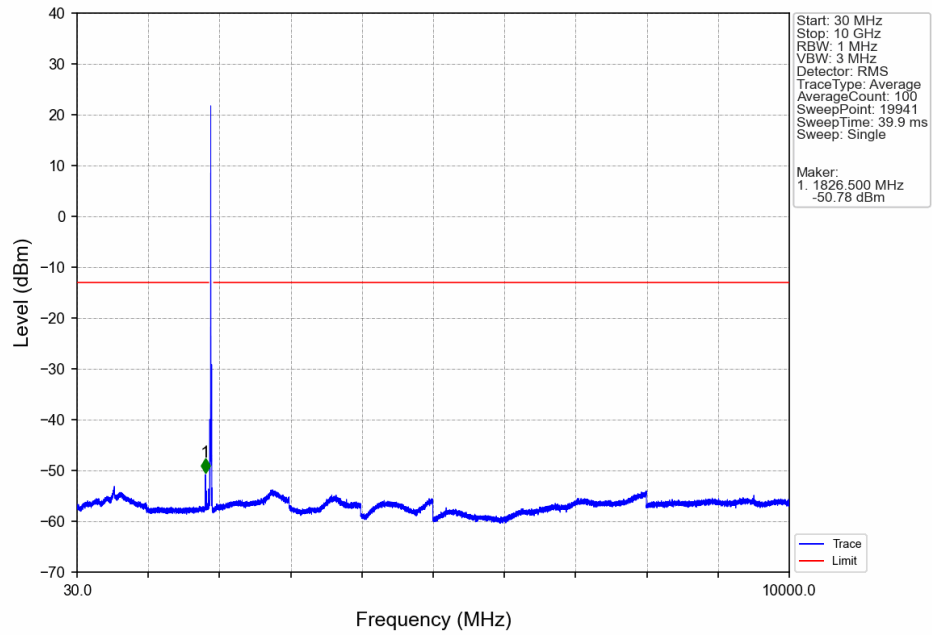
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



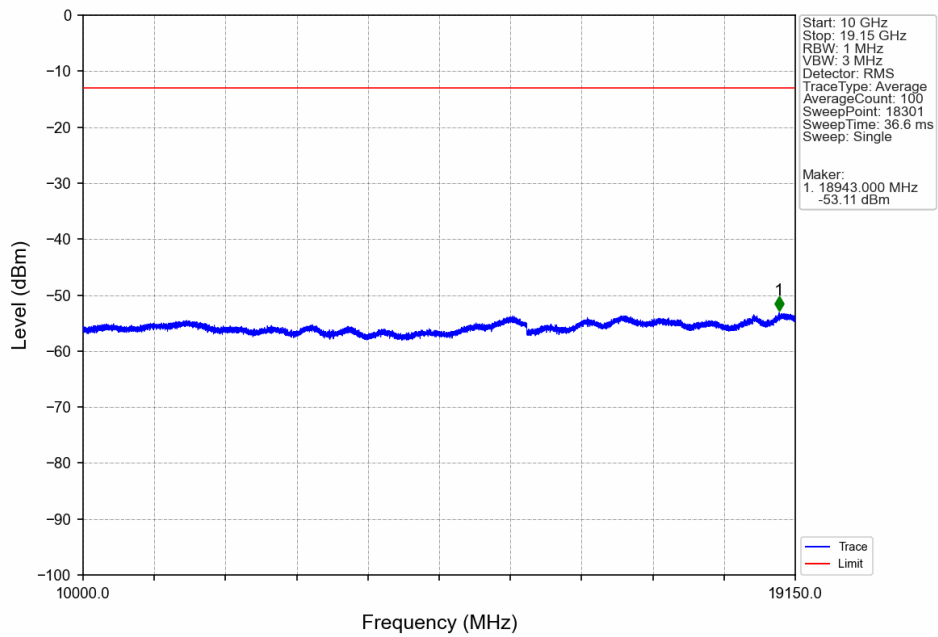
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



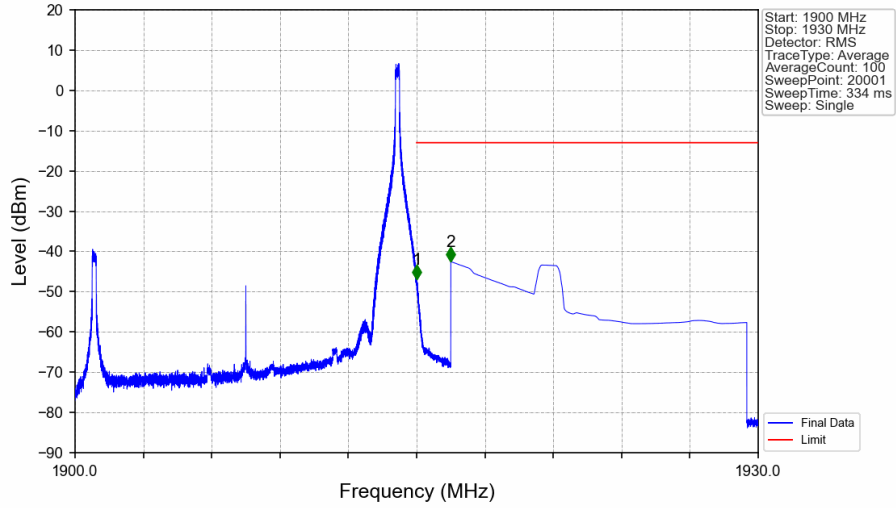
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

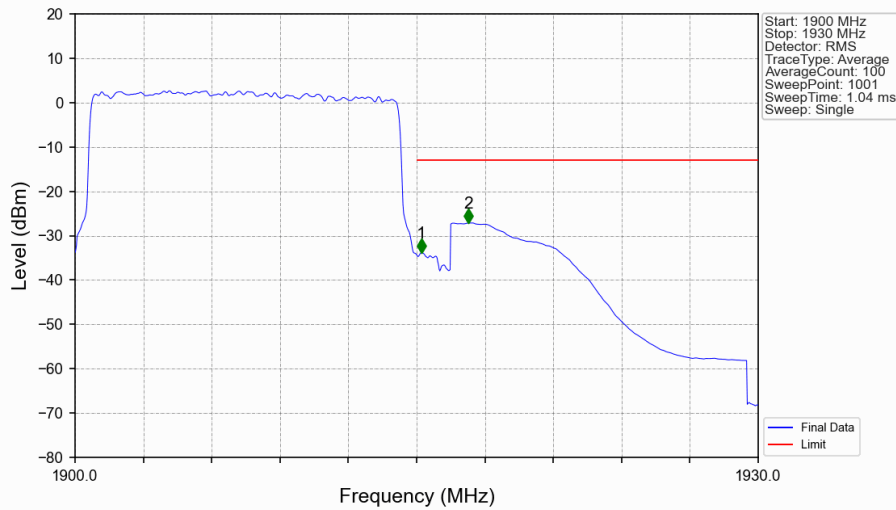


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



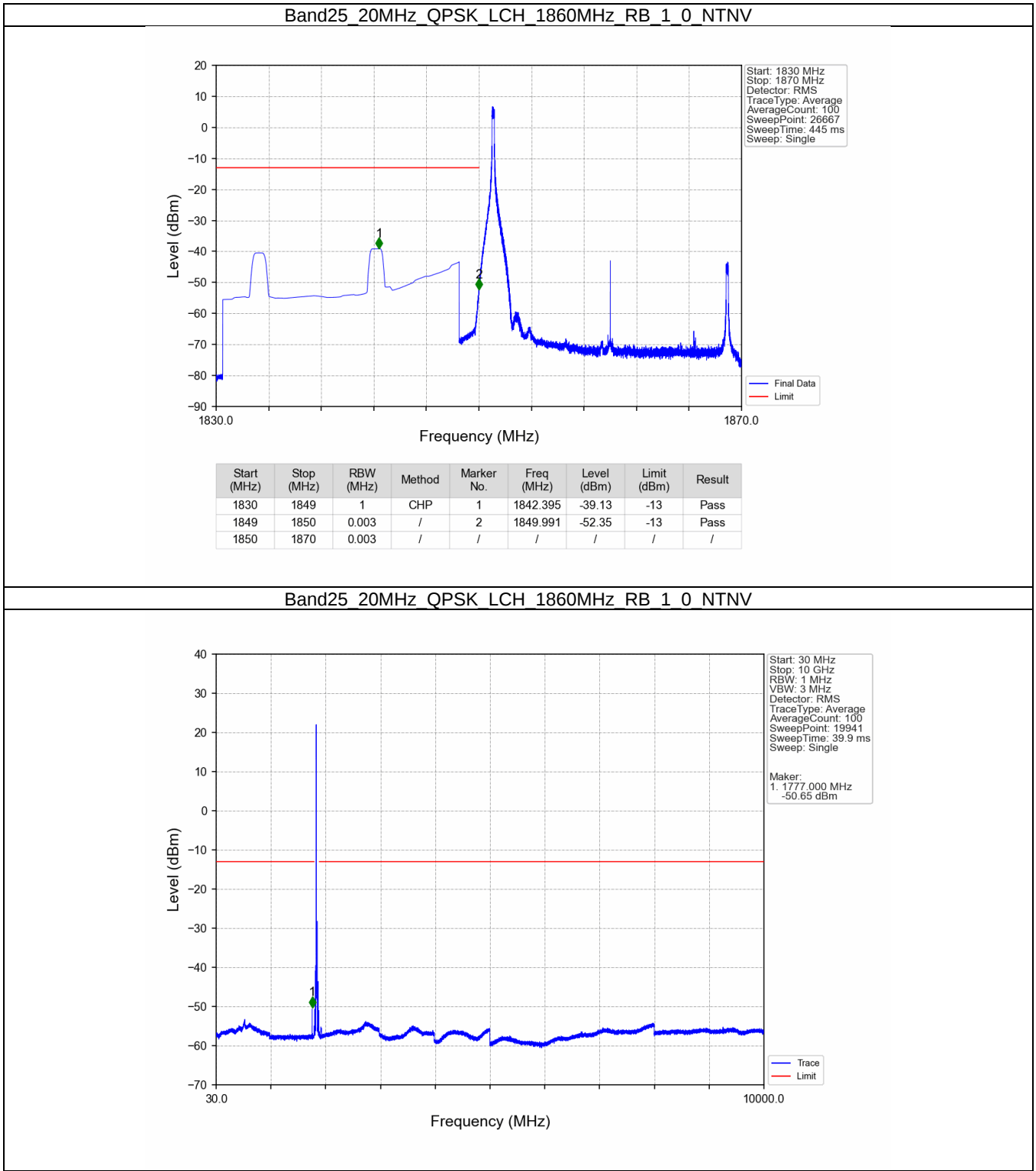
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-46.89	-13	Pass
1916	1930	1	CHP	2	1916.500	-42.54	-13	Pass

Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV

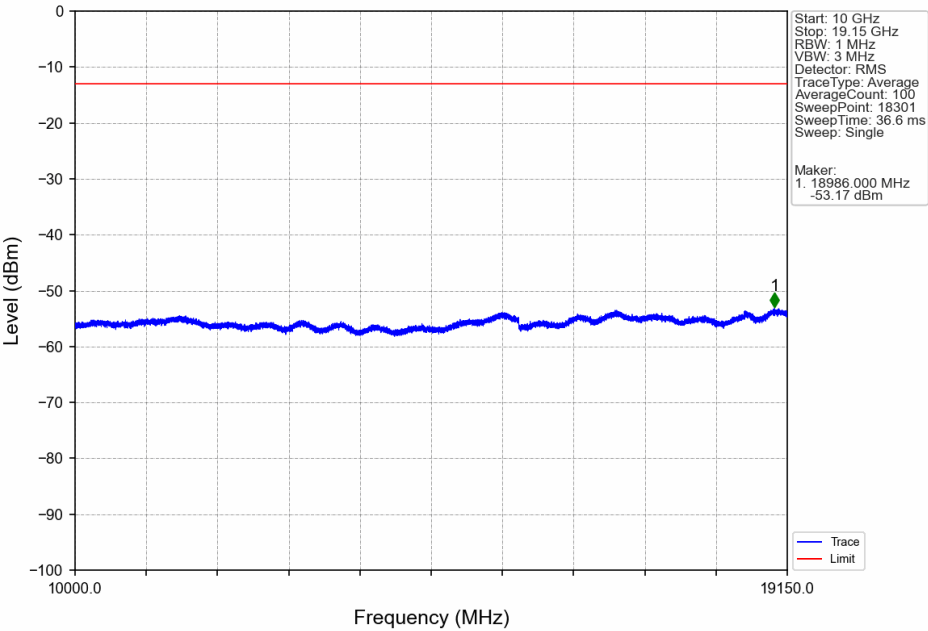


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.147	CHP	/	/	/	/	/
1915	1916	0.147	CHP	1	1915.210	-33.80	-13	Pass
1916	1930	1	CHP	2	1917.280	-27.15	-13	Pass

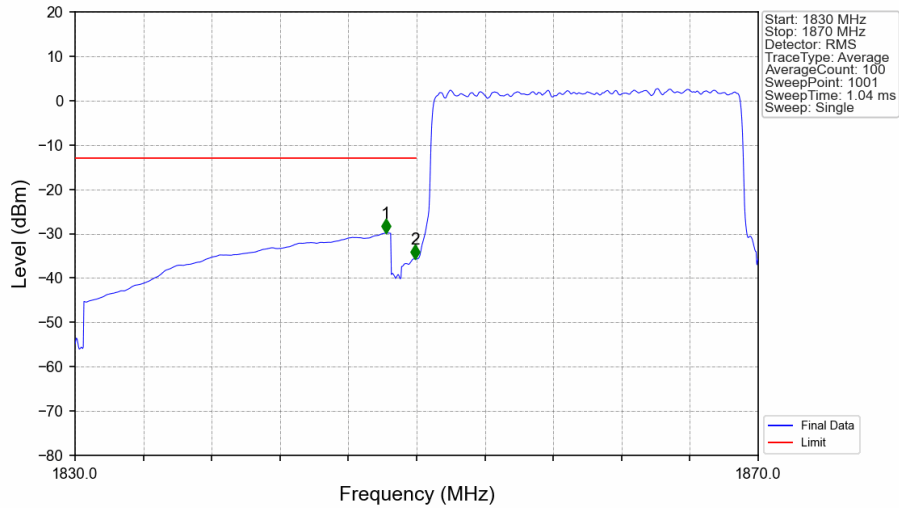
5.2.6 B25_20MHz



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

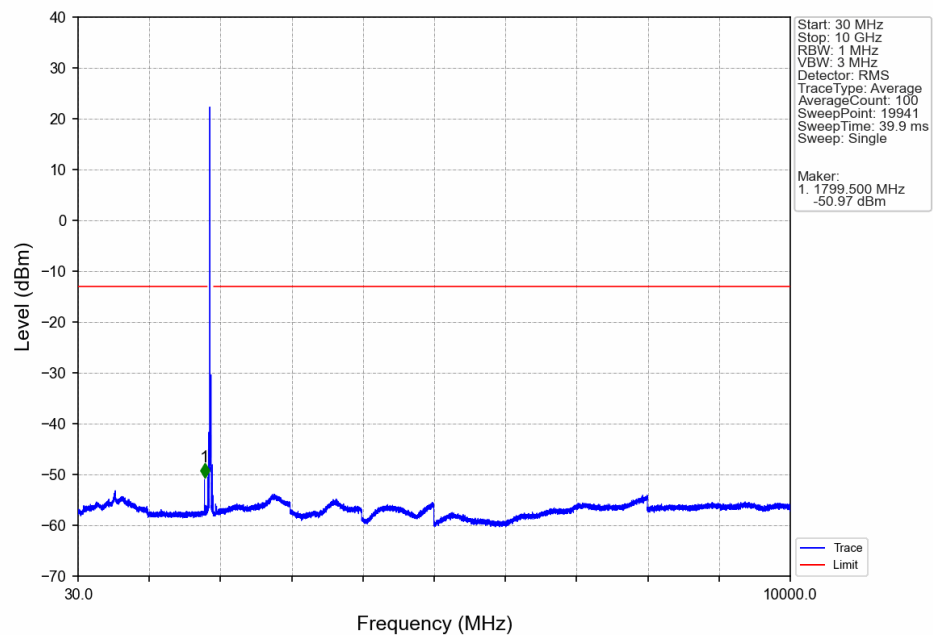


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

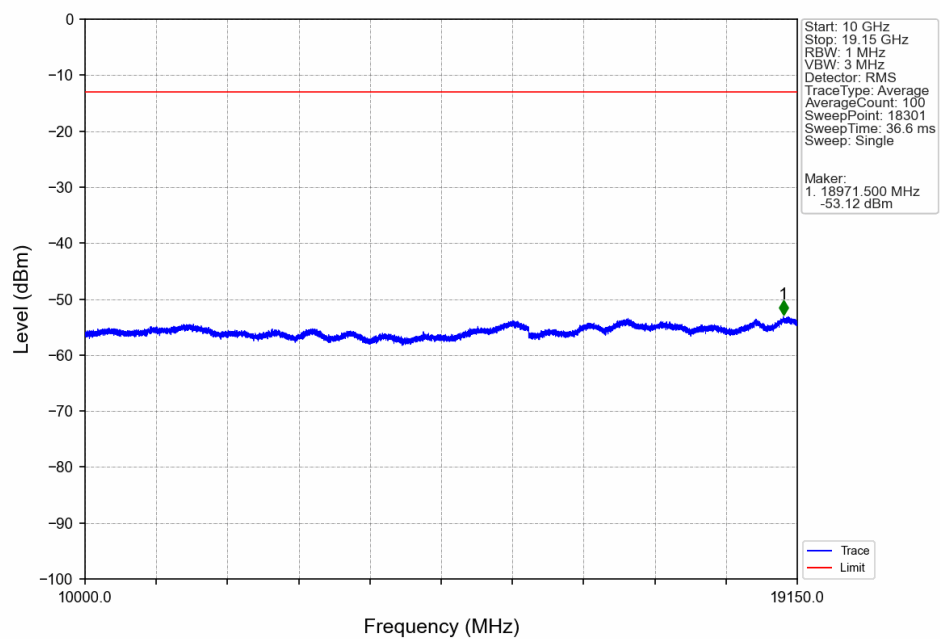


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.200	-29.84	-13	Pass
1849	1850	0.194	CHP	2	1849.920	-35.64	-13	Pass
1850	1870	0.194	CHP	/	/	/	/	/

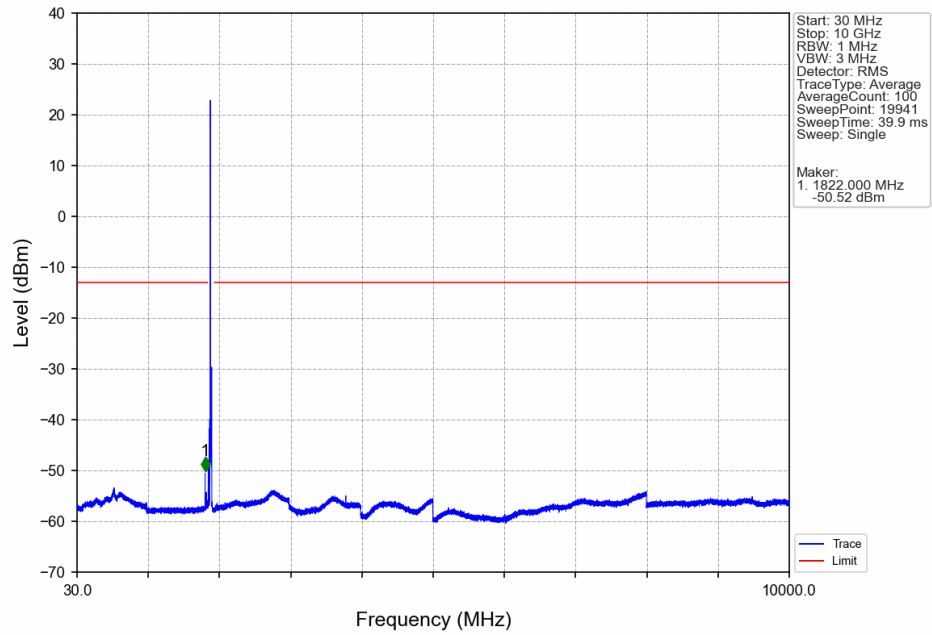
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



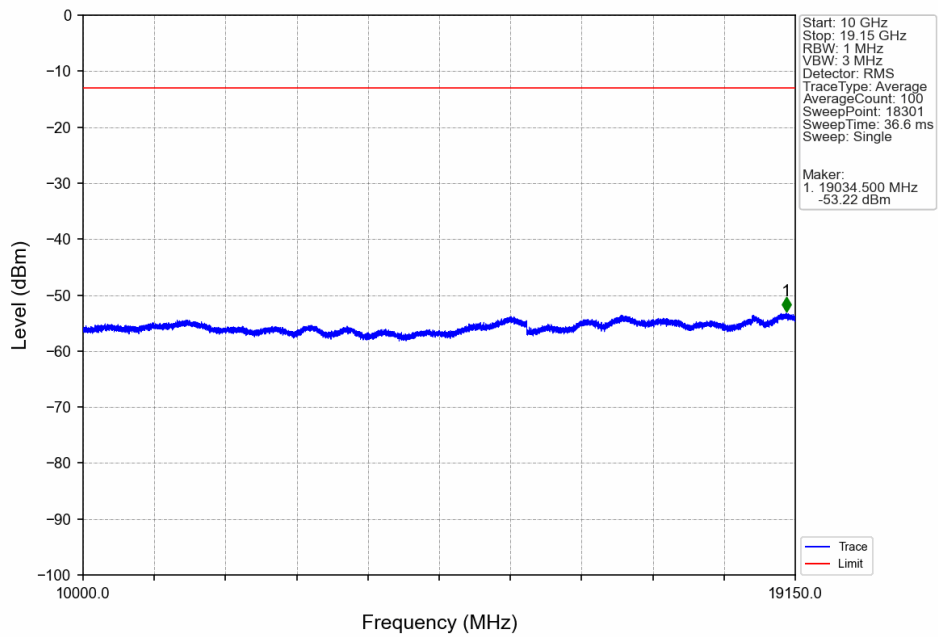
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



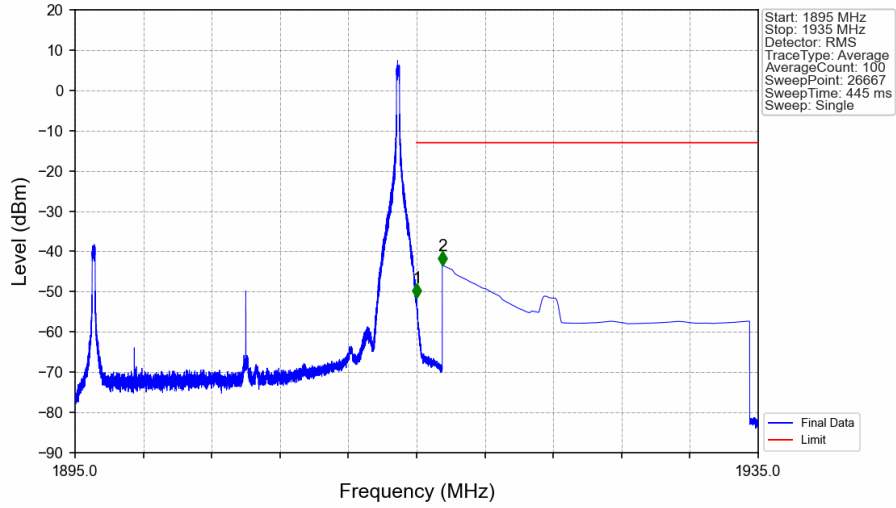
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

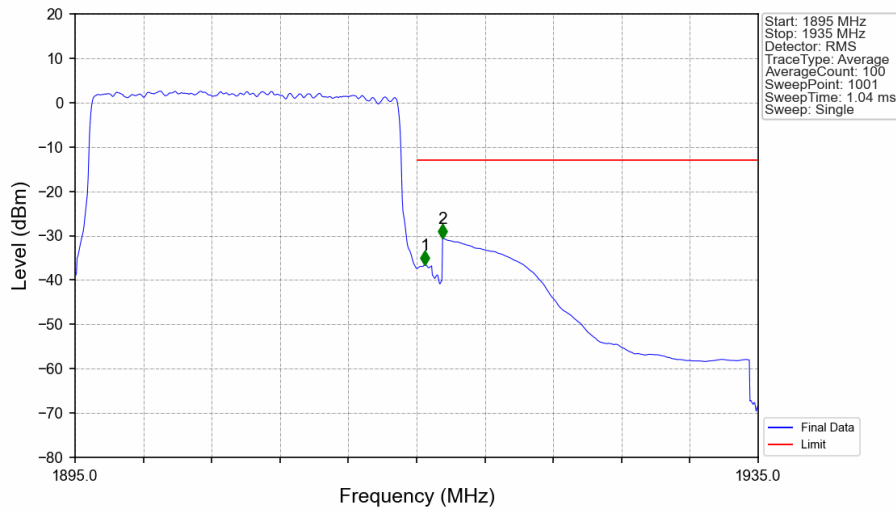


Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-51.50	-13	Pass
1916	1935	1	CHP	2	1916.500	-43.39	-13	Pass

Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.194	CHP	/	/	/	/	/
1915	1916	0.194	CHP	1	1915.480	-36.59	-13	Pass
1916	1935	1	CHP	2	1916.520	-30.57	-13	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 25_ 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	52.51	-48.50	28.82	-62.43	-13.00	49.43	Horizontal
2	4880.25	50.22	-48.03	30.94	-62.13	-13.00	49.13	Horizontal
3	7604.25	49.94	-44.60	36.38	-53.54	-13.00	40.54	Horizontal
4	10346.25	49.11	-41.19	39.04	-48.30	-13.00	35.30	Horizontal
5	12585	50.15	-39.13	39.05	-45.19	-13.00	32.19	Horizontal
6	15395.25	52.31	-37.25	39.49	-40.71	-13.00	27.71	Horizontal

1.2. Test Band = LTE Band 25_ 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	3690	49.82	-48.49	28.80	-65.12	-13.00	52.12	Vertical
2	5553	52.33	-47.66	32.62	-57.97	-13.00	44.97	Vertical
3	7147.5	50.57	-46.01	35.77	-54.93	-13.00	41.93	Vertical
4	9670.5	48.11	-42.13	38.34	-50.95	-13.00	37.95	Vertical
5	13699.5	49.82	-37.98	39.85	-43.57	-13.00	30.57	Vertical
6	15410.25	52.28	-37.31	39.46	-40.83	-13.00	27.83	Vertical

1.3. Test Band = LTE Band 25_ 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	3606	51.42	-48.29	28.67	-63.46	-13.00	50.46	Horizontal
2	4767	50.74	-47.99	30.69	-61.83	-13.00	48.83	Horizontal
3	5613	52.97	-47.67	32.65	-57.32	-13.00	44.32	Horizontal
4	7484.25	51.73	-46.17	36.37	-53.33	-13.00	40.33	Horizontal
5	10134.75	48.99	-41.96	38.89	-49.34	-13.00	36.34	Horizontal
6	12282	51.20	-39.75	39.23	-44.58	-13.00	31.58	Horizontal

1.4. Test Band = LTE Band 25_ 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	3605.25	50.34	-48.29	28.67	-64.54	-13.00	51.54	Vertical
2	5613	54.09	-47.67	32.65	-56.20	-13.00	43.20	Vertical
3	6957.75	51.01	-46.65	35.43	-55.47	-13.00	42.47	Vertical
4	9486	48.63	-42.47	38.08	-51.01	-13.00	38.01	Vertical
5	11993.25	49.84	-39.46	39.40	-45.48	-13.00	32.48	Vertical
6	14634.75	49.25	-37.51	40.24	-43.28	-13.00	30.28	Vertical

1.5. Test Band = LTE Band 25_ 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	3509.25	59.75	-48.29	28.51	-55.28	-13.00	42.28	Horizontal
2	4741.5	50.31	-47.98	30.63	-62.30	-13.00	49.30	Horizontal
3	5703	52.17	-47.49	32.68	-57.90	-13.00	44.90	Horizontal
4	7020.75	50.96	-46.44	35.54	-55.20	-13.00	42.20	Horizontal
5	7600.5	51.27	-44.57	36.38	-52.18	-13.00	39.18	Horizontal
6	10461	49.05	-40.88	39.12	-47.97	-13.00	34.97	Horizontal

1.6. Test Band = LTE Band 25_ 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	3789.75	49.60	-48.21	28.96	-64.91	-13.00	51.91	Vertical
2	5073.75	50.63	-47.87	31.41	-61.09	-13.00	48.09	Vertical
3	6428.25	50.60	-46.95	34.43	-57.18	-13.00	44.18	Vertical
4	7989	49.69	-44.43	36.30	-53.69	-13.00	40.69	Vertical
5	10410.75	49.13	-41.18	39.09	-48.22	-13.00	35.22	Vertical
6	12273	50.32	-39.75	39.24	-45.46	-13.00	32.46	Vertical