

Appendix B.13

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / 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	23.52	1.20	24.72	<=33.01	Pass
			2	23.64	1.20	24.84	<=33.01	Pass
			5	23.65	1.20	24.85	<=33.01	Pass
		3	0	23.30	1.20	24.50	<=33.01	Pass
			2	23.33	1.20	24.53	<=33.01	Pass
			3	23.29	1.20	24.49	<=33.01	Pass
		6	0	22.13	1.20	23.33	<=33.01	Pass
	1882.5	1	0	23.16	1.20	24.36	<=33.01	Pass
			2	23.46	1.20	24.66	<=33.01	Pass
			5	23.21	1.20	24.41	<=33.01	Pass
		3	0	23.14	1.20	24.34	<=33.01	Pass
			2	23.17	1.20	24.37	<=33.01	Pass
			3	23.32	1.20	24.52	<=33.01	Pass
		6	0	22.01	1.20	23.21	<=33.01	Pass
	1914.3	1	0	23.26	1.20	24.46	<=33.01	Pass
			2	23.31	1.20	24.51	<=33.01	Pass
			5	23.21	1.20	24.41	<=33.01	Pass
		3	0	23.23	1.20	24.43	<=33.01	Pass
			2	23.21	1.20	24.41	<=33.01	Pass
			3	23.23	1.20	24.43	<=33.01	Pass
		6	0	21.90	1.20	23.10	<=33.01	Pass
16QAM	1850.7	1	0	22.25	1.20	23.45	<=33.01	Pass
			2	21.82	1.20	23.02	<=33.01	Pass
			5	21.37	1.20	22.57	<=33.01	Pass
		3	0	22.17	1.20	23.37	<=33.01	Pass
			2	22.30	1.20	23.50	<=33.01	Pass
			3	22.23	1.20	23.43	<=33.01	Pass
		6	0	21.07	1.20	22.27	<=33.01	Pass
	1882.5	1	0	22.01	1.20	23.21	<=33.01	Pass
			2	22.12	1.20	23.32	<=33.01	Pass
			5	21.49	1.20	22.69	<=33.01	Pass
		3	0	21.82	1.20	23.02	<=33.01	Pass
			2	22.00	1.20	23.20	<=33.01	Pass
			3	21.95	1.20	23.15	<=33.01	Pass
		6	0	20.49	1.20	21.69	<=33.01	Pass
	1914.3	1	0	21.79	1.20	22.99	<=33.01	Pass
			2	21.70	1.20	22.90	<=33.01	Pass
			5	21.50	1.20	22.70	<=33.01	Pass
		3	0	21.68	1.20	22.88	<=33.01	Pass
			2	21.71	1.20	22.91	<=33.01	Pass
			3	21.72	1.20	22.92	<=33.01	Pass
		6	0	20.52	1.20	21.72	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / 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	23.41	1.20	24.61	<=33.01	Pass
			7	23.61	1.20	24.81	<=33.01	Pass
			14	23.58	1.20	24.78	<=33.01	Pass
		8	0	22.13	1.20	23.33	<=33.01	Pass
			4	22.05	1.20	23.25	<=33.01	Pass
			7	22.01	1.20	23.21	<=33.01	Pass
		15	0	22.08	1.20	23.28	<=33.01	Pass
	1882.5	1	0	22.96	1.20	24.16	<=33.01	Pass
			7	23.36	1.20	24.56	<=33.01	Pass
			14	23.08	1.20	24.28	<=33.01	Pass
		8	0	21.83	1.20	23.03	<=33.01	Pass
			4	21.90	1.20	23.10	<=33.01	Pass
			7	21.92	1.20	23.12	<=33.01	Pass
		15	0	21.94	1.20	23.14	<=33.01	Pass
	1913.5	1	0	23.27	1.20	24.47	<=33.01	Pass
			7	23.46	1.20	24.66	<=33.01	Pass
			14	23.32	1.20	24.52	<=33.01	Pass
		8	0	22.07	1.20	23.27	<=33.01	Pass
			4	21.96	1.20	23.16	<=33.01	Pass
			7	21.97	1.20	23.17	<=33.01	Pass
		15	0	22.02	1.20	23.22	<=33.01	Pass
16QAM	1851.5	1	0	21.57	1.20	22.77	<=33.01	Pass
			7	21.89	1.20	23.09	<=33.01	Pass
			14	21.72	1.20	22.92	<=33.01	Pass
		8	0	20.79	1.20	21.99	<=33.01	Pass
			4	21.16	1.20	22.36	<=33.01	Pass
			7	21.20	1.20	22.40	<=33.01	Pass
		15	0	21.10	1.20	22.30	<=33.01	Pass
	1882.5	1	0	21.51	1.20	22.71	<=33.01	Pass
			7	21.54	1.20	22.74	<=33.01	Pass
			14	21.77	1.20	22.97	<=33.01	Pass
		8	0	20.66	1.20	21.86	<=33.01	Pass
			4	20.78	1.20	21.98	<=33.01	Pass
			7	20.65	1.20	21.85	<=33.01	Pass
		15	0	20.88	1.20	22.08	<=33.01	Pass
	1913.5	1	0	21.87	1.20	23.07	<=33.01	Pass
			7	21.69	1.20	22.89	<=33.01	Pass
			14	21.14	1.20	22.34	<=33.01	Pass
		8	0	20.88	1.20	22.08	<=33.01	Pass
			4	21.00	1.20	22.20	<=33.01	Pass
			7	20.97	1.20	22.17	<=33.01	Pass
		15	0	21.07	1.20	22.27	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTNV		
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory	South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000	t (86-512) 6229 2980 www.sgsgroup.com.cn
Appendix Template No./Rev: SUWI-TRF-RF A001/V02		Member of the SGS Group (SGS SA)

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.22	1.20	24.42	<=33.01	Pass
			13	23.46	1.20	24.66	<=33.01	Pass
			24	23.19	1.20	24.39	<=33.01	Pass
		12	0	21.98	1.20	23.18	<=33.01	Pass
			6	22.07	1.20	23.27	<=33.01	Pass
			13	21.94	1.20	23.14	<=33.01	Pass
		25	0	22.09	1.20	23.29	<=33.01	Pass
	1882.5	1	0	22.92	1.20	24.12	<=33.01	Pass
			13	23.13	1.20	24.33	<=33.01	Pass
			24	23.18	1.20	24.38	<=33.01	Pass
		12	0	21.79	1.20	22.99	<=33.01	Pass
			6	21.88	1.20	23.08	<=33.01	Pass
			13	21.84	1.20	23.04	<=33.01	Pass
		25	0	21.89	1.20	23.09	<=33.01	Pass
	1912.5	1	0	23.31	1.20	24.51	<=33.01	Pass
			13	23.32	1.20	24.52	<=33.01	Pass
			24	23.25	1.20	24.45	<=33.01	Pass
		12	0	22.09	1.20	23.29	<=33.01	Pass
			6	22.04	1.20	23.24	<=33.01	Pass
			13	22.00	1.20	23.20	<=33.01	Pass
		25	0	22.05	1.20	23.25	<=33.01	Pass
16QAM	1852.5	1	0	21.87	1.20	23.07	<=33.01	Pass
			13	21.87	1.20	23.07	<=33.01	Pass
			24	21.62	1.20	22.82	<=33.01	Pass
		12	0	20.91	1.20	22.11	<=33.01	Pass
			6	21.09	1.20	22.29	<=33.01	Pass
			13	20.98	1.20	22.18	<=33.01	Pass
		25	0	21.01	1.20	22.21	<=33.01	Pass
	1882.5	1	0	21.41	1.20	22.61	<=33.01	Pass
			13	21.70	1.20	22.90	<=33.01	Pass
			24	21.61	1.20	22.81	<=33.01	Pass
		12	0	20.65	1.20	21.85	<=33.01	Pass
			6	20.80	1.20	22.00	<=33.01	Pass
			13	20.77	1.20	21.97	<=33.01	Pass
		25	0	21.02	1.20	22.22	<=33.01	Pass
	1912.5	1	0	21.64	1.20	22.84	<=33.01	Pass
			13	21.78	1.20	22.98	<=33.01	Pass
			24	21.52	1.20	22.72	<=33.01	Pass
		12	0	20.82	1.20	22.02	<=33.01	Pass
			6	20.88	1.20	22.08	<=33.01	Pass
			13	20.83	1.20	22.03	<=33.01	Pass
		25	0	20.90	1.20	22.10	<=33.01	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	23.45	1.20	24.65	<=33.01	Pass
			25	23.63	1.20	24.83	<=33.01	Pass
			49	23.34	1.20	24.54	<=33.01	Pass
		25	0	22.16	1.20	23.36	<=33.01	Pass

	1882.5	50		13	21.90	1.20	23.10	<=33.01	Pass	
				25	21.88	1.20	23.08	<=33.01	Pass	
				0	21.93	1.20	23.13	<=33.01	Pass	
		1		0	23.09	1.20	24.29	<=33.01	Pass	
				25	23.32	1.20	24.52	<=33.01	Pass	
				49	23.30	1.20	24.50	<=33.01	Pass	
			25		0	21.83	1.20	23.03	<=33.01	Pass
					13	21.54	1.20	22.74	<=33.01	Pass
					25	21.96	1.20	23.16	<=33.01	Pass
	50		0	21.80	1.20	23.00	<=33.01	Pass		
	1910	1		0	23.38	1.20	24.58	<=33.01	Pass	
				25	23.44	1.20	24.64	<=33.01	Pass	
				49	23.37	1.20	24.57	<=33.01	Pass	
		25		0	22.05	1.20	23.25	<=33.01	Pass	
				13	22.04	1.20	23.24	<=33.01	Pass	
				25	22.07	1.20	23.27	<=33.01	Pass	
		50		0	22.00	1.20	23.20	<=33.01	Pass	
	16QAM	1855	1		0	21.84	1.20	23.04	<=33.01	Pass
					25	21.88	1.20	23.08	<=33.01	Pass
					49	21.84	1.20	23.04	<=33.01	Pass
			25		0	21.10	1.20	22.30	<=33.01	Pass
				13	20.92	1.20	22.12	<=33.01	Pass	
				25	20.90	1.20	22.10	<=33.01	Pass	
50				0	20.96	1.20	22.16	<=33.01	Pass	
1882.5			1		0	21.58	1.20	22.78	<=33.01	Pass
					25	21.86	1.20	23.06	<=33.01	Pass
				49	21.68	1.20	22.88	<=33.01	Pass	
		25		0	20.97	1.20	22.17	<=33.01	Pass	
				13	21.08	1.20	22.28	<=33.01	Pass	
				25	20.99	1.20	22.19	<=33.01	Pass	
50			0	20.93	1.20	22.13	<=33.01	Pass		
1910		1		0	21.81	1.20	23.01	<=33.01	Pass	
				25	22.08	1.20	23.28	<=33.01	Pass	
				49	21.74	1.20	22.94	<=33.01	Pass	
		25		0	21.08	1.20	22.28	<=33.01	Pass	
				13	21.07	1.20	22.27	<=33.01	Pass	
				25	21.00	1.20	22.20	<=33.01	Pass	
		50		0	21.04	1.20	22.24	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain										

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	23.46	1.20	24.66	<=33.01	Pass
			38	23.31	1.20	24.51	<=33.01	Pass
			74	23.35	1.20	24.55	<=33.01	Pass
		36	0	22.02	1.20	23.22	<=33.01	Pass
			18	21.95	1.20	23.15	<=33.01	Pass
			39	21.99	1.20	23.19	<=33.01	Pass
		75	0	21.89	1.20	23.09	<=33.01	Pass
	1882.5	1	0	23.01	1.20	24.21	<=33.01	Pass
			38	23.30	1.20	24.50	<=33.01	Pass
			74	23.26	1.20	24.46	<=33.01	Pass

16QAM	1907.5	36	0	21.73	1.20	22.93	<=33.01	Pass
			18	21.84	1.20	23.04	<=33.01	Pass
			39	21.83	1.20	23.03	<=33.01	Pass
		75	0	21.80	1.20	23.00	<=33.01	Pass
			0	23.33	1.20	24.53	<=33.01	Pass
			38	23.40	1.20	24.60	<=33.01	Pass
		1	74	23.26	1.20	24.46	<=33.01	Pass
			0	22.02	1.20	23.22	<=33.01	Pass
			18	22.03	1.20	23.23	<=33.01	Pass
	1857.5	36	39	21.96	1.20	23.16	<=33.01	Pass
			0	22.05	1.20	23.25	<=33.01	Pass
			0	21.89	1.20	23.09	<=33.01	Pass
		1	38	21.65	1.20	22.85	<=33.01	Pass
			74	21.63	1.20	22.83	<=33.01	Pass
			0	21.05	1.20	22.25	<=33.01	Pass
		36	18	20.98	1.20	22.18	<=33.01	Pass
			39	21.02	1.20	22.22	<=33.01	Pass
			0	21.00	1.20	22.20	<=33.01	Pass
16QAM	1882.5	75	0	21.53	1.20	22.73	<=33.01	Pass
			38	21.68	1.20	22.88	<=33.01	Pass
			74	21.63	1.20	22.83	<=33.01	Pass
		1	0	20.64	1.20	21.84	<=33.01	Pass
			18	20.73	1.20	21.93	<=33.01	Pass
			39	20.85	1.20	22.05	<=33.01	Pass
		36	0	20.82	1.20	22.02	<=33.01	Pass
			0	21.70	1.20	22.90	<=33.01	Pass
			38	21.76	1.20	22.96	<=33.01	Pass
16QAM	1907.5	1	74	21.57	1.20	22.77	<=33.01	Pass
			0	20.94	1.20	22.14	<=33.01	Pass
			18	21.16	1.20	22.36	<=33.01	Pass
		36	39	21.08	1.20	22.28	<=33.01	Pass
			0	20.97	1.20	22.17	<=33.01	Pass
			0	21.73	1.20	22.93	<=33.01	Pass
		75	18	21.84	1.20	23.04	<=33.01	Pass
			39	21.83	1.20	23.03	<=33.01	Pass
			0	21.80	1.20	23.00	<=33.01	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	23.19	1.20	24.39	<=33.01	Pass
			50	23.70	1.20	24.90	<=33.01	Pass
			99	23.27	1.20	24.47	<=33.01	Pass
		50	0	21.96	1.20	23.16	<=33.01	Pass
			25	21.90	1.20	23.10	<=33.01	Pass
			50	21.98	1.20	23.18	<=33.01	Pass
		100	0	21.88	1.20	23.08	<=33.01	Pass
			0	23.07	1.20	24.27	<=33.01	Pass
			50	23.38	1.20	24.58	<=33.01	Pass
QPSK	1882.5	1	99	23.11	1.20	24.31	<=33.01	Pass
			0	21.83	1.20	23.03	<=33.01	Pass
			25	21.85	1.20	23.05	<=33.01	Pass
		50	50	21.92	1.20	23.12	<=33.01	Pass
			0	21.79	1.20	22.99	<=33.01	Pass
			0	23.26	1.20	24.46	<=33.01	Pass
		100	50	23.51	1.20	24.71	<=33.01	Pass
			0	23.19	1.20	24.39	<=33.01	Pass
			50	23.70	1.20	24.90	<=33.01	Pass
QPSK	1905	1	99	23.27	1.20	24.47	<=33.01	Pass
			0	21.96	1.20	23.16	<=33.01	Pass
			25	21.90	1.20	23.10	<=33.01	Pass
		50	50	21.98	1.20	23.18	<=33.01	Pass
			0	21.88	1.20	23.08	<=33.01	Pass
			0	23.07	1.20	24.27	<=33.01	Pass
		100	50	23.38	1.20	24.58	<=33.01	Pass
			99	23.11	1.20	24.31	<=33.01	Pass
			0	21.83	1.20	23.03	<=33.01	Pass

16QAM	1860	50	99	23.26	1.20	24.46	<=33.01	Pass
			0	22.05	1.20	23.25	<=33.01	Pass
			25	22.06	1.20	23.26	<=33.01	Pass
			50	21.96	1.20	23.16	<=33.01	Pass
		100	0	22.02	1.20	23.22	<=33.01	Pass
		1	0	21.65	1.20	22.85	<=33.01	Pass
			50	21.93	1.20	23.13	<=33.01	Pass
			99	21.49	1.20	22.69	<=33.01	Pass
			0	20.98	1.20	22.18	<=33.01	Pass
		50	25	21.05	1.20	22.25	<=33.01	Pass
			50	21.03	1.20	22.23	<=33.01	Pass
		100	0	20.89	1.20	22.09	<=33.01	Pass
	1882.5	1	0	21.27	1.20	22.47	<=33.01	Pass
			50	21.90	1.20	23.10	<=33.01	Pass
			99	21.43	1.20	22.63	<=33.01	Pass
			0	20.96	1.20	22.16	<=33.01	Pass
		50	25	20.98	1.20	22.18	<=33.01	Pass
			50	20.95	1.20	22.15	<=33.01	Pass
		100	0	20.90	1.20	22.10	<=33.01	Pass
		1	0	21.65	1.20	22.85	<=33.01	Pass
			50	21.97	1.20	23.17	<=33.01	Pass
			99	21.61	1.20	22.81	<=33.01	Pass
			0	21.08	1.20	22.28	<=33.01	Pass
		50	25	21.07	1.20	22.27	<=33.01	Pass
			50	21.11	1.20	22.31	<=33.01	Pass
		100	0	20.95	1.20	22.15	<=33.01	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	2.100	0.0011	-2.5 to 2.5	Pass
					3.85	1.900	0.0010	-2.5 to 2.5	Pass
					4.43	2.100	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.200	0.0022	-2.5 to 2.5	Pass
				-20	3.85	5.200	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.300	0.0023	-2.5 to 2.5	Pass
				0	3.85	1.400	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	2.700	0.0014	-2.5 to 2.5	Pass
				40	3.85	5.300	0.0028	-2.5 to 2.5	Pass
				50	3.85	0.800	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band25_OBW

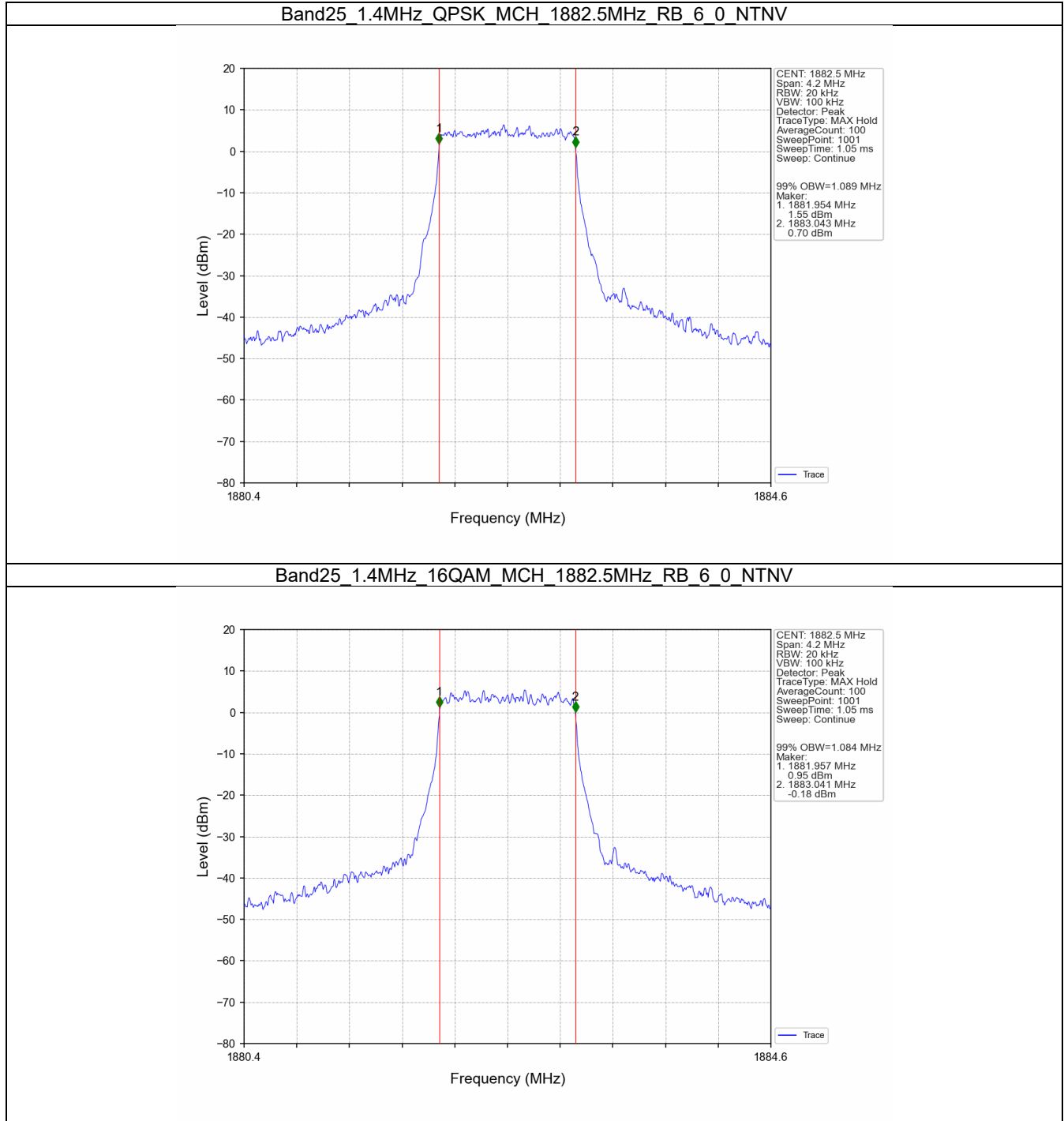
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.089	/	Pass
	16QAM	1882.5	6	0	1.084	/	Pass
3	QPSK	1882.5	15	0	2.679	/	Pass
	16QAM	1882.5	15	0	2.682	/	Pass
5	QPSK	1882.5	25	0	4.468	/	Pass
	16QAM	1882.5	25	0	4.467	/	Pass
10	QPSK	1882.5	50	0	8.959	/	Pass
	16QAM	1882.5	50	0	8.928	/	Pass
15	QPSK	1882.5	75	0	13.423	/	Pass
	16QAM	1882.5	75	0	13.407	/	Pass
20	QPSK	1882.5	100	0	17.875	/	Pass
	16QAM	1882.5	100	0	17.894	/	Pass

3.1.2 Band25_XDB

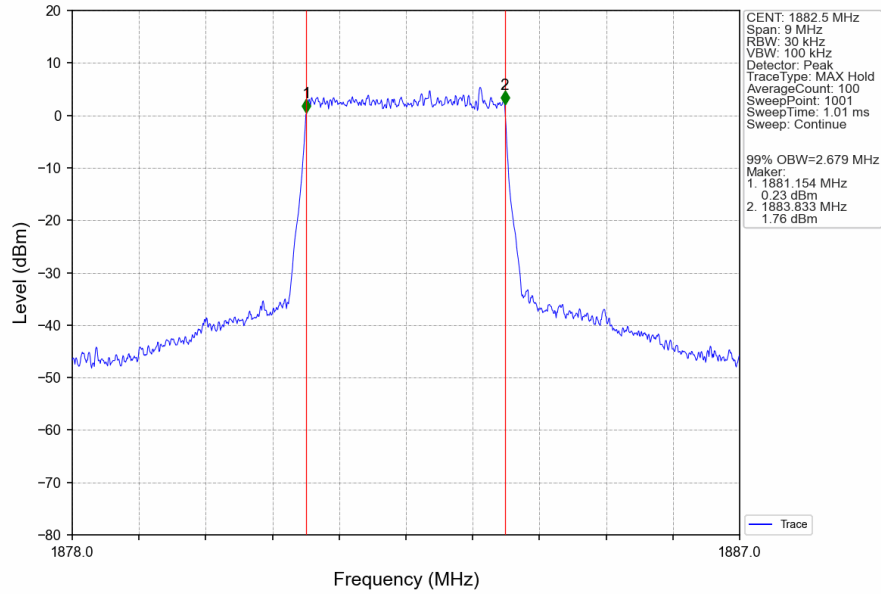
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.269	/	Pass
	16QAM	1882.5	6	0	1.267	/	Pass
3	QPSK	1882.5	15	0	2.923	/	Pass
	16QAM	1882.5	15	0	2.929	/	Pass
5	QPSK	1882.5	25	0	4.941	/	Pass
	16QAM	1882.5	25	0	4.921	/	Pass
10	QPSK	1882.5	50	0	9.639	/	Pass
	16QAM	1882.5	50	0	9.648	/	Pass
15	QPSK	1882.5	75	0	14.469	/	Pass
	16QAM	1882.5	75	0	14.459	/	Pass
20	QPSK	1882.5	100	0	18.992	/	Pass
	16QAM	1882.5	100	0	19.173	/	Pass

3.2 Test Graph

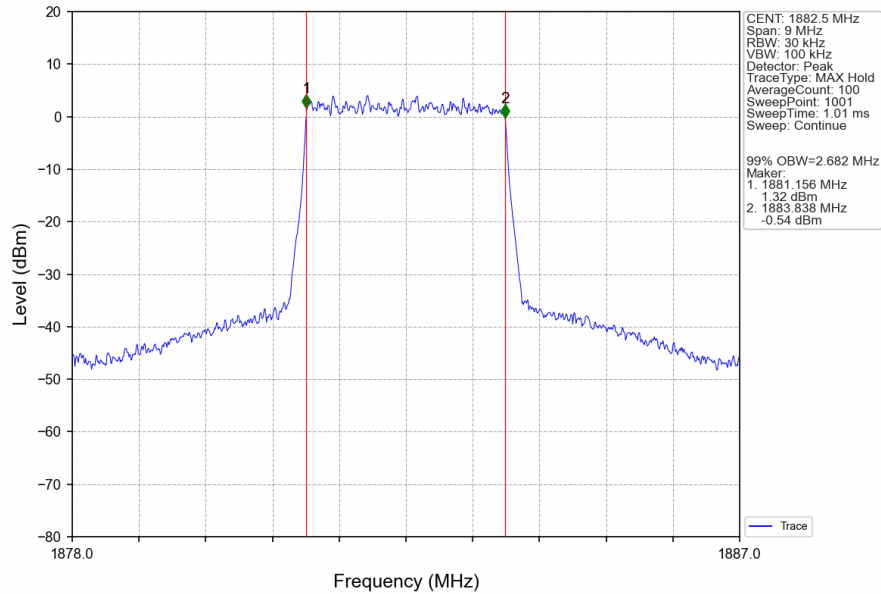
3.2.1 Band25_OBW



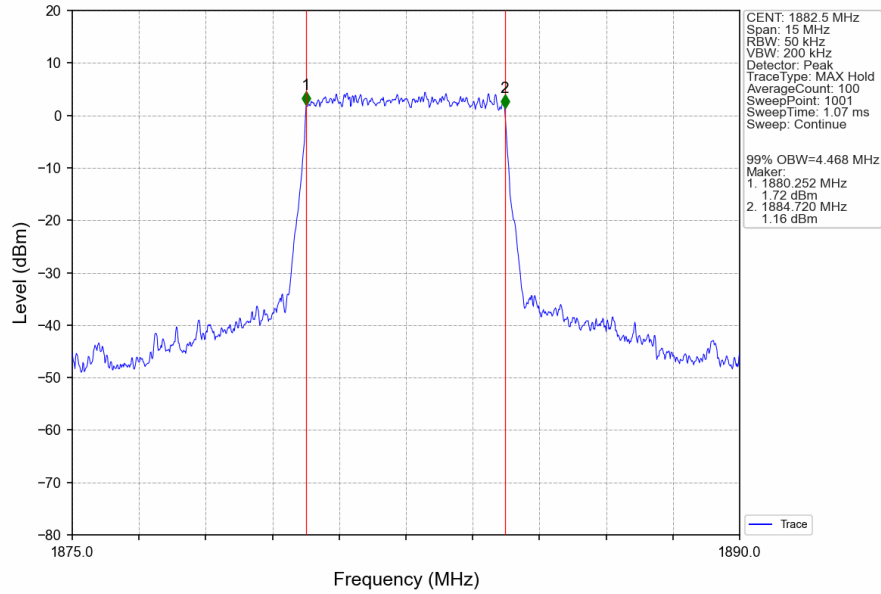
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



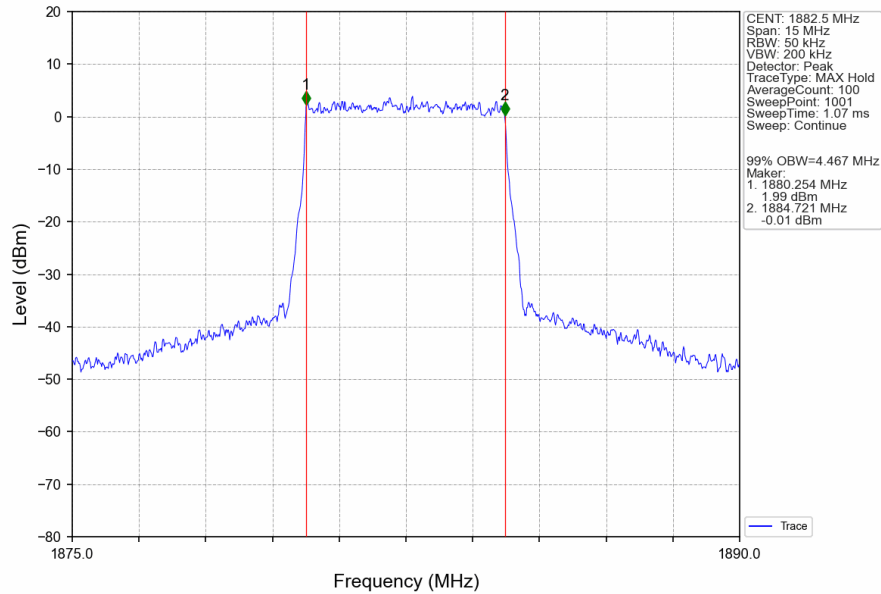
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



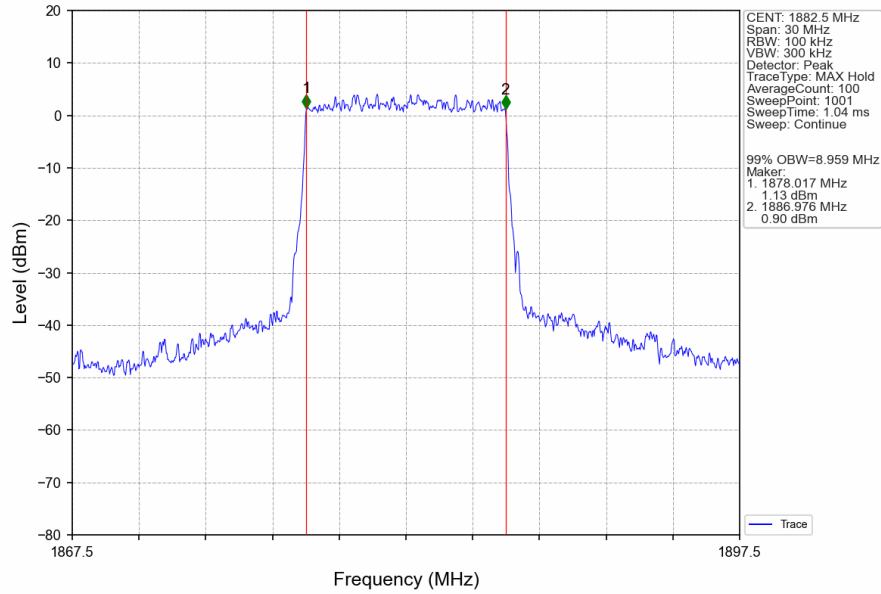
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



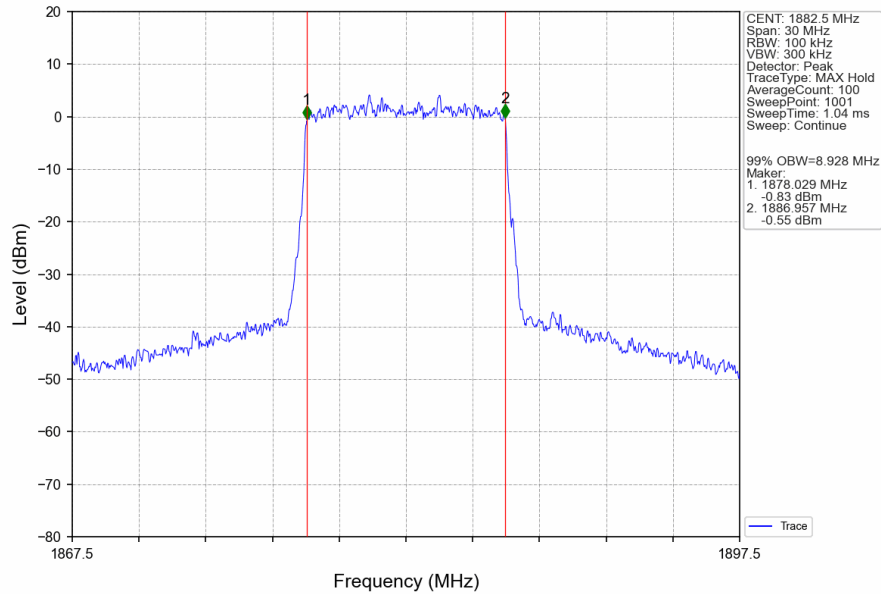
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



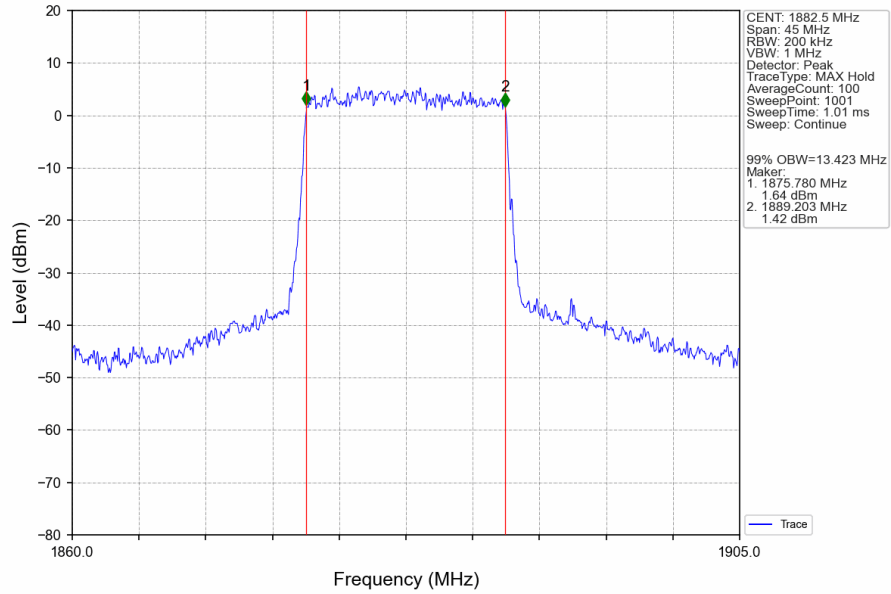
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



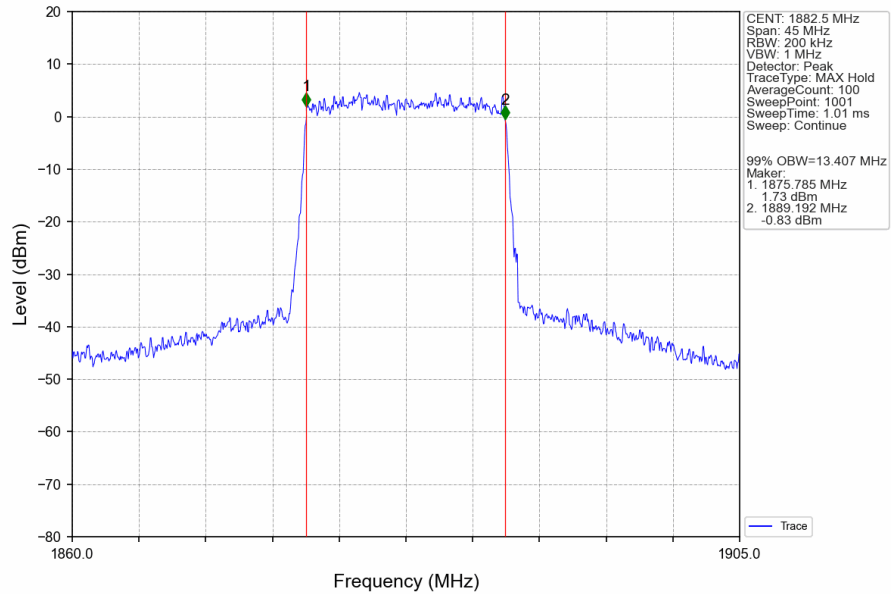
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



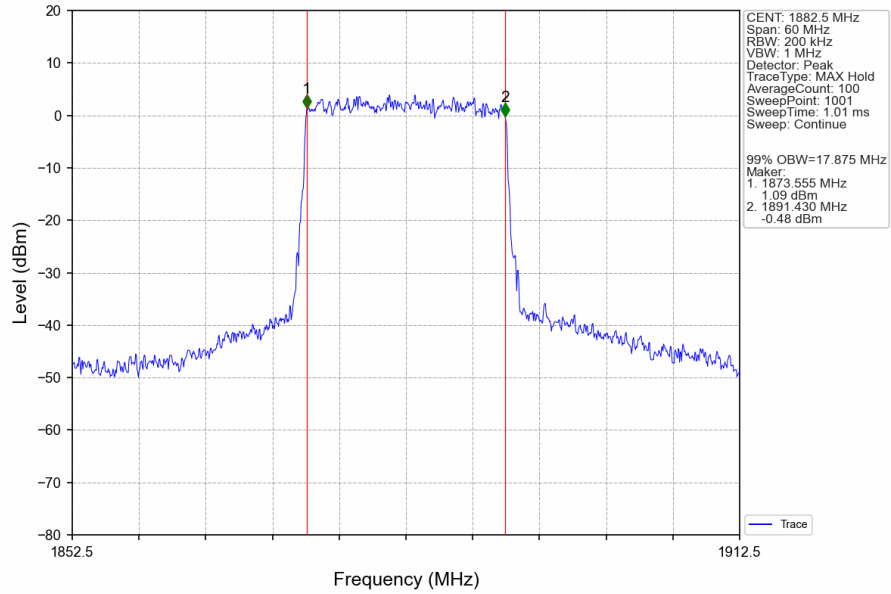
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



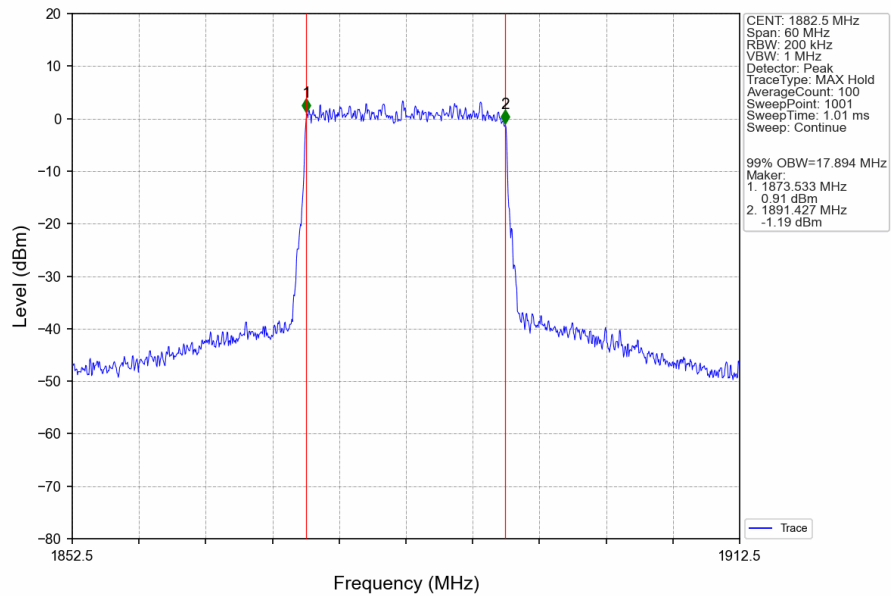
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



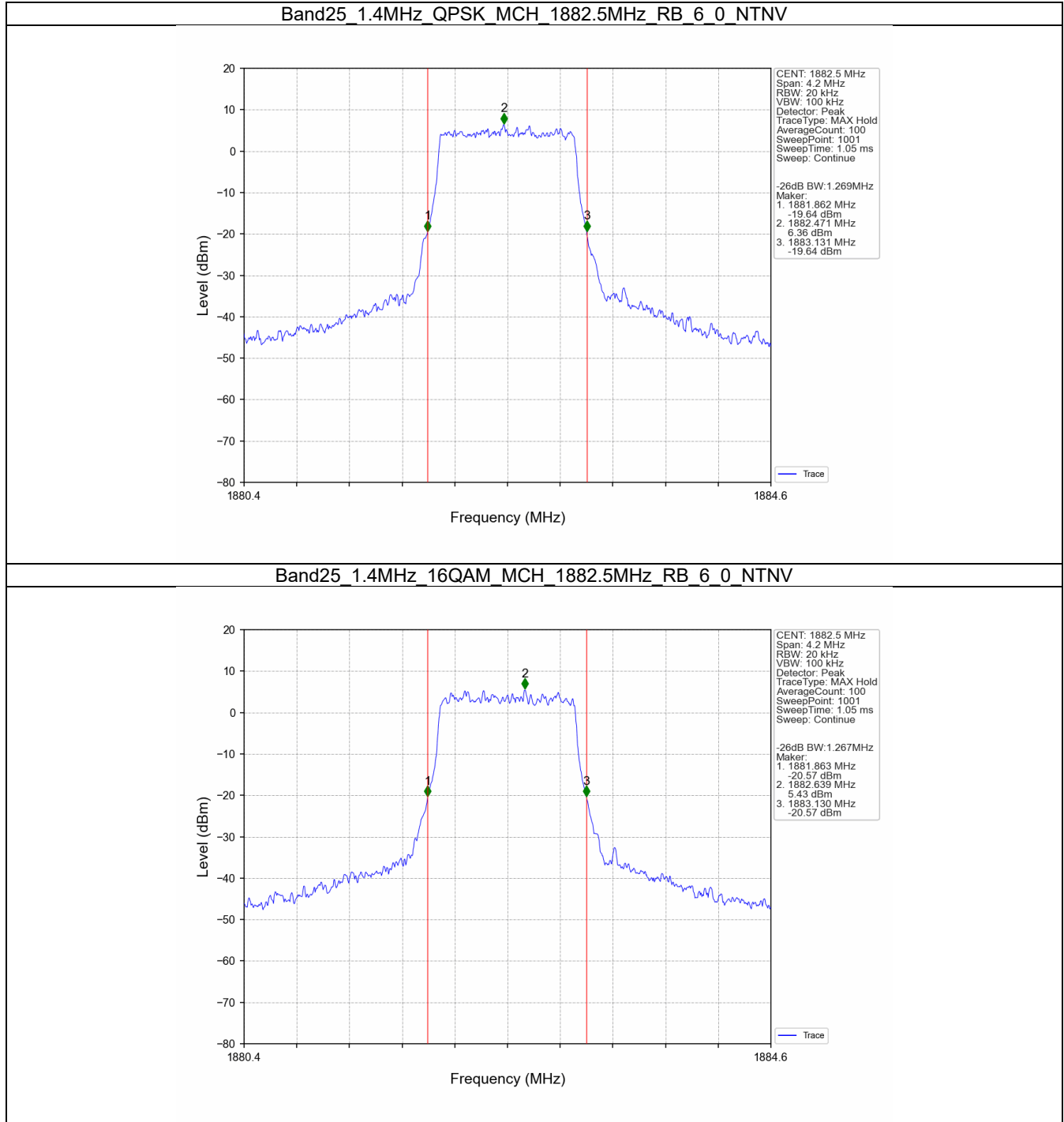
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



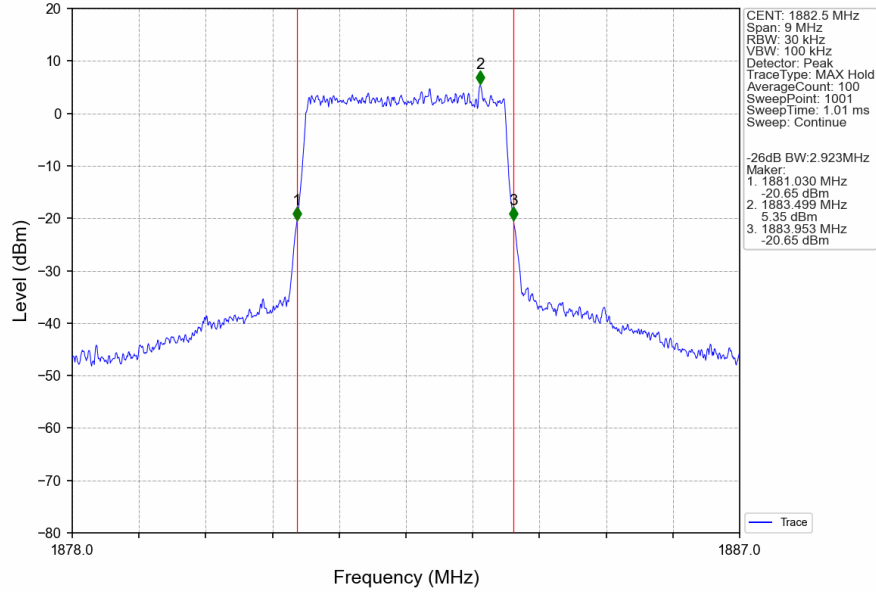
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



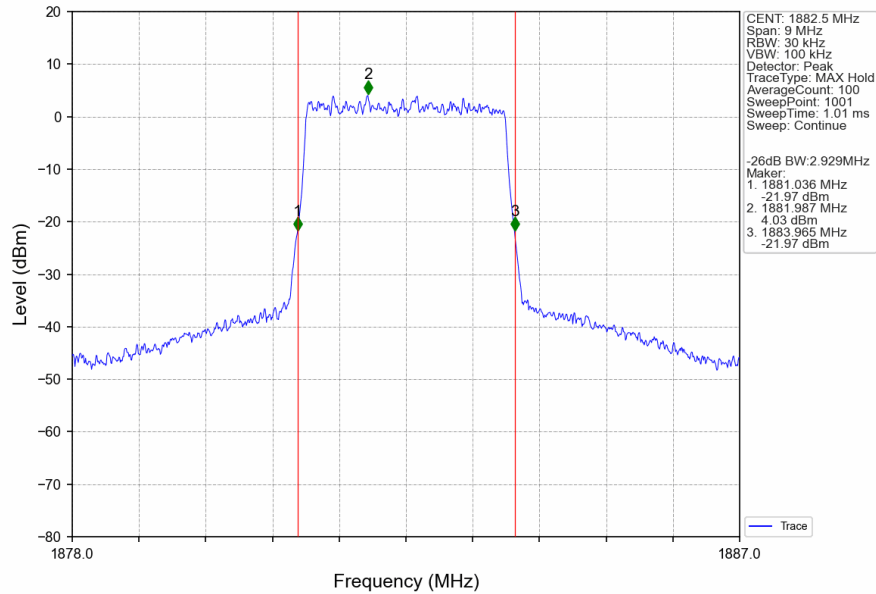
3.2.2 Band25_XDB



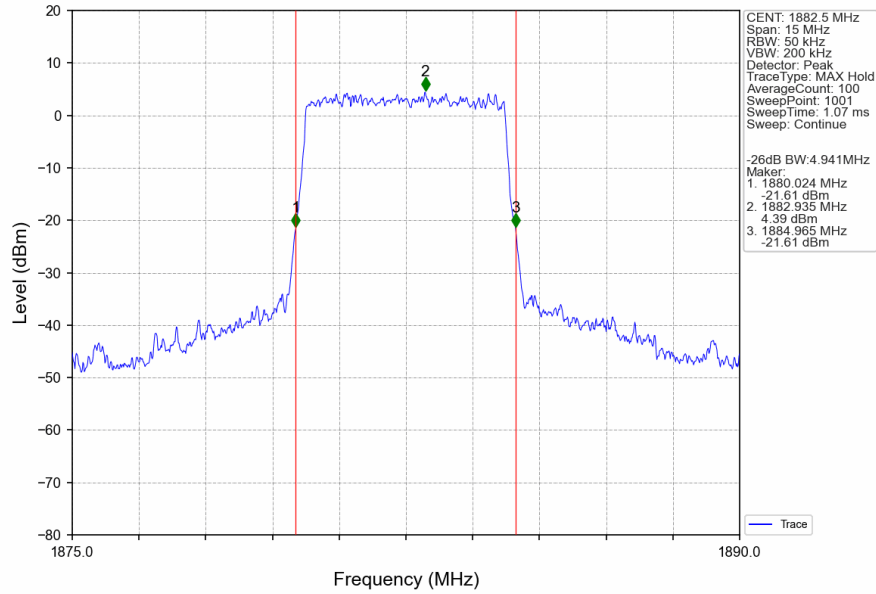
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



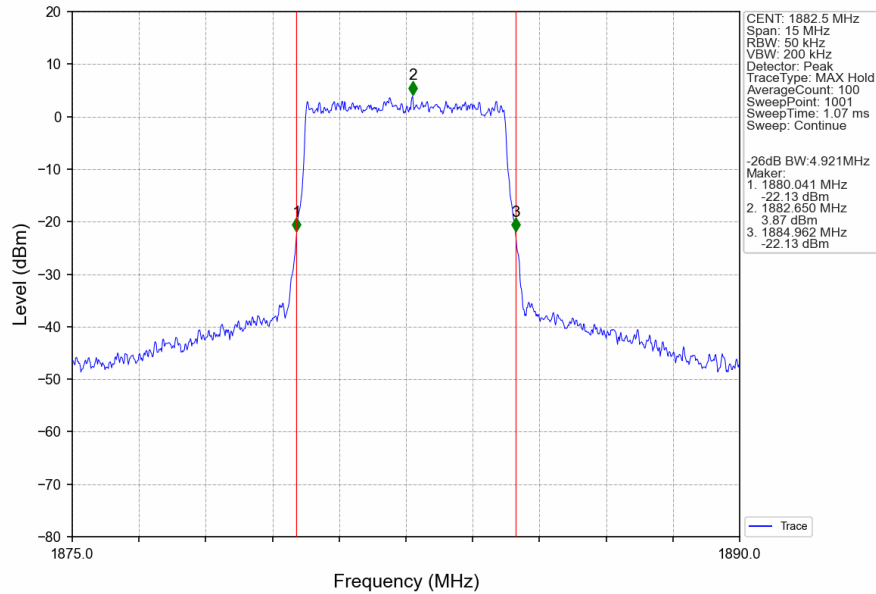
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



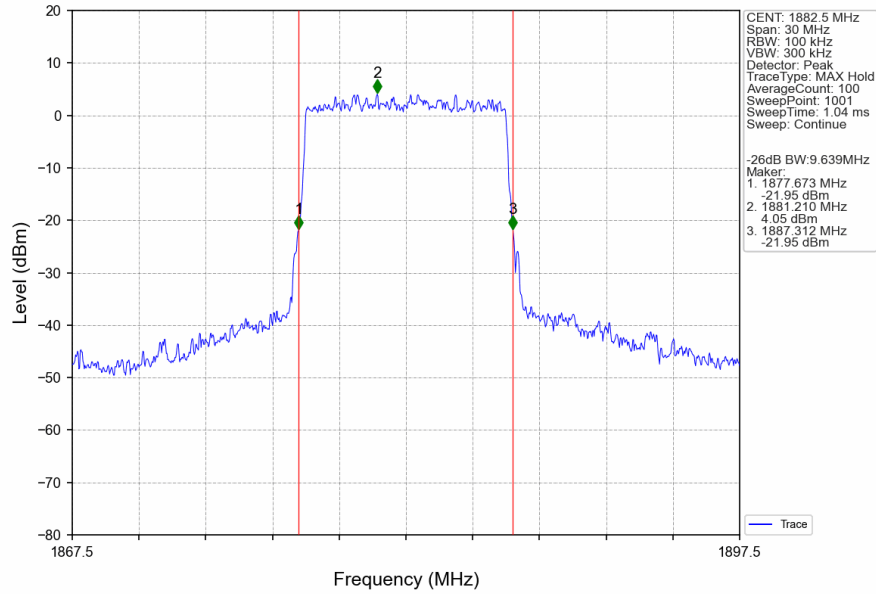
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



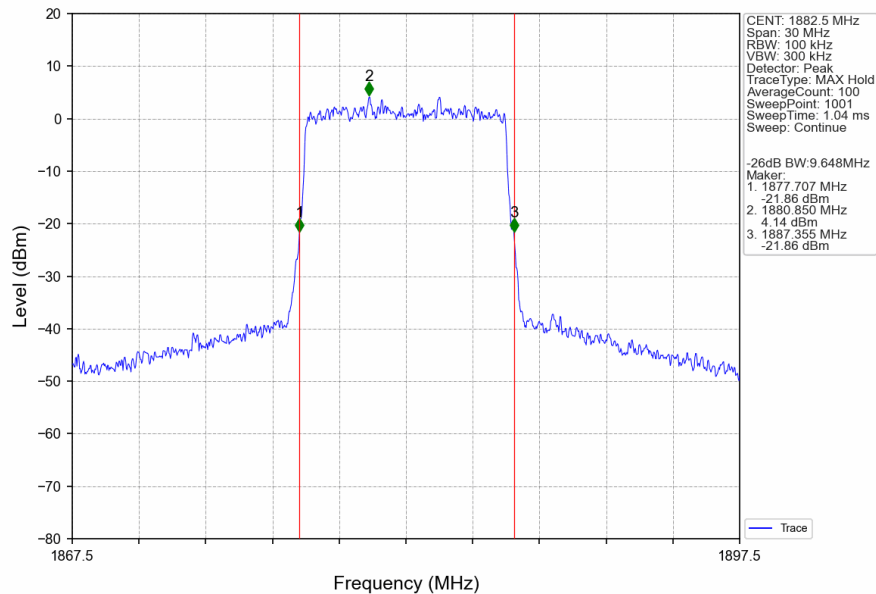
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



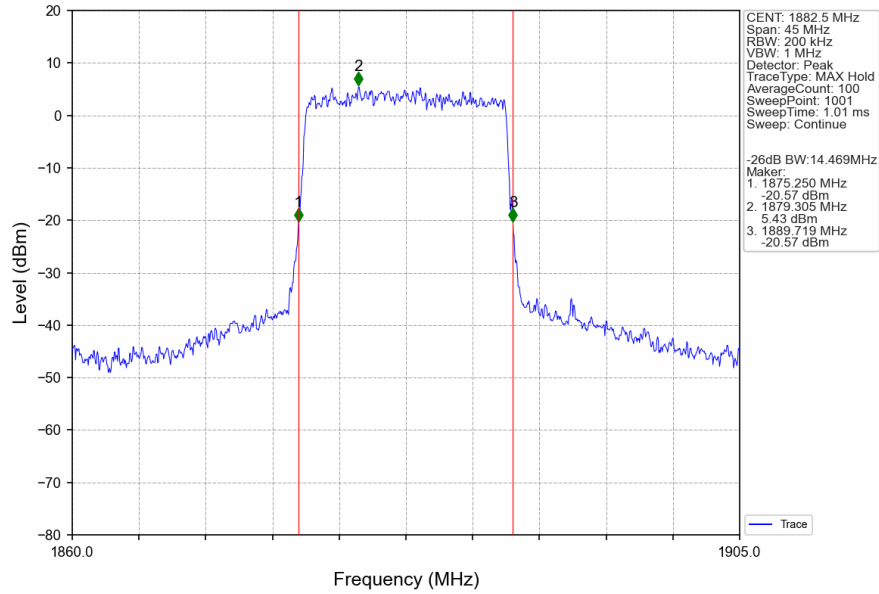
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



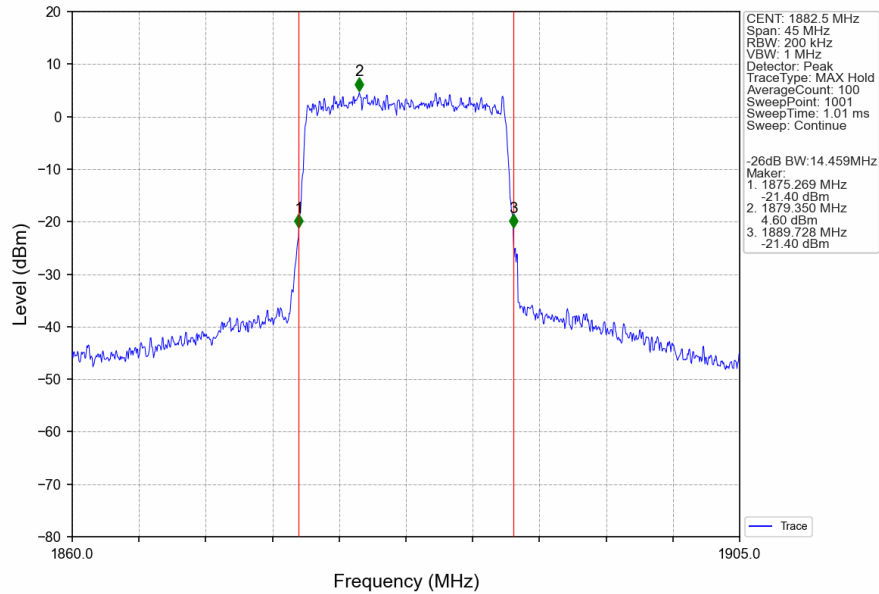
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



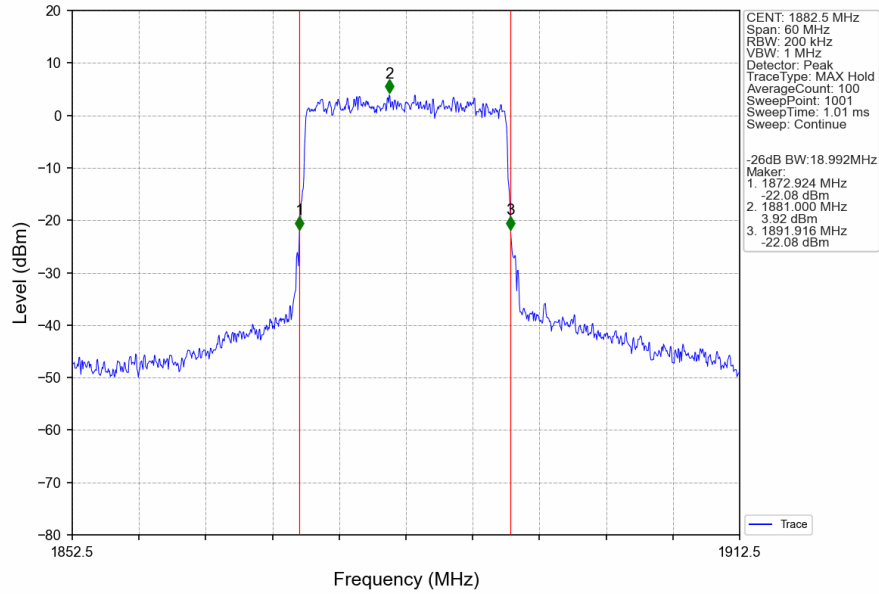
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



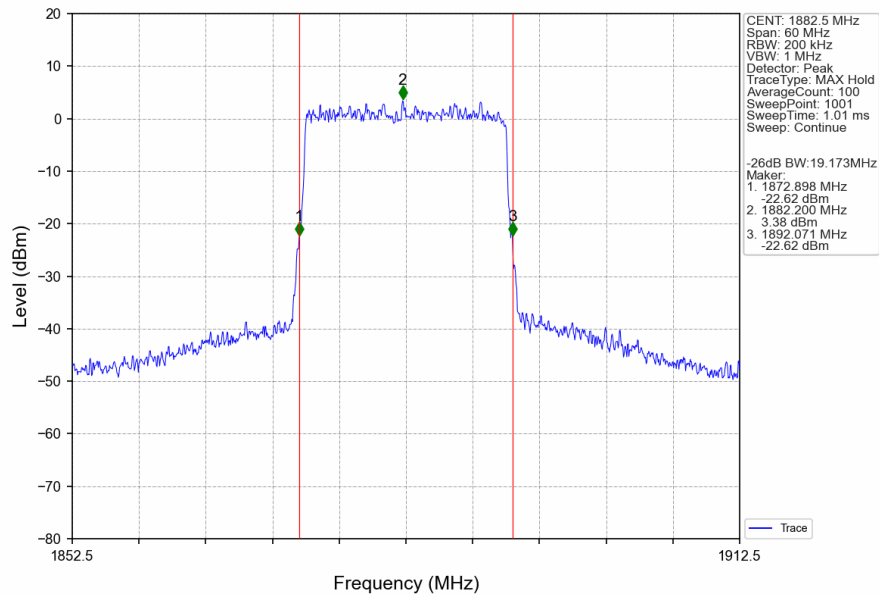
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

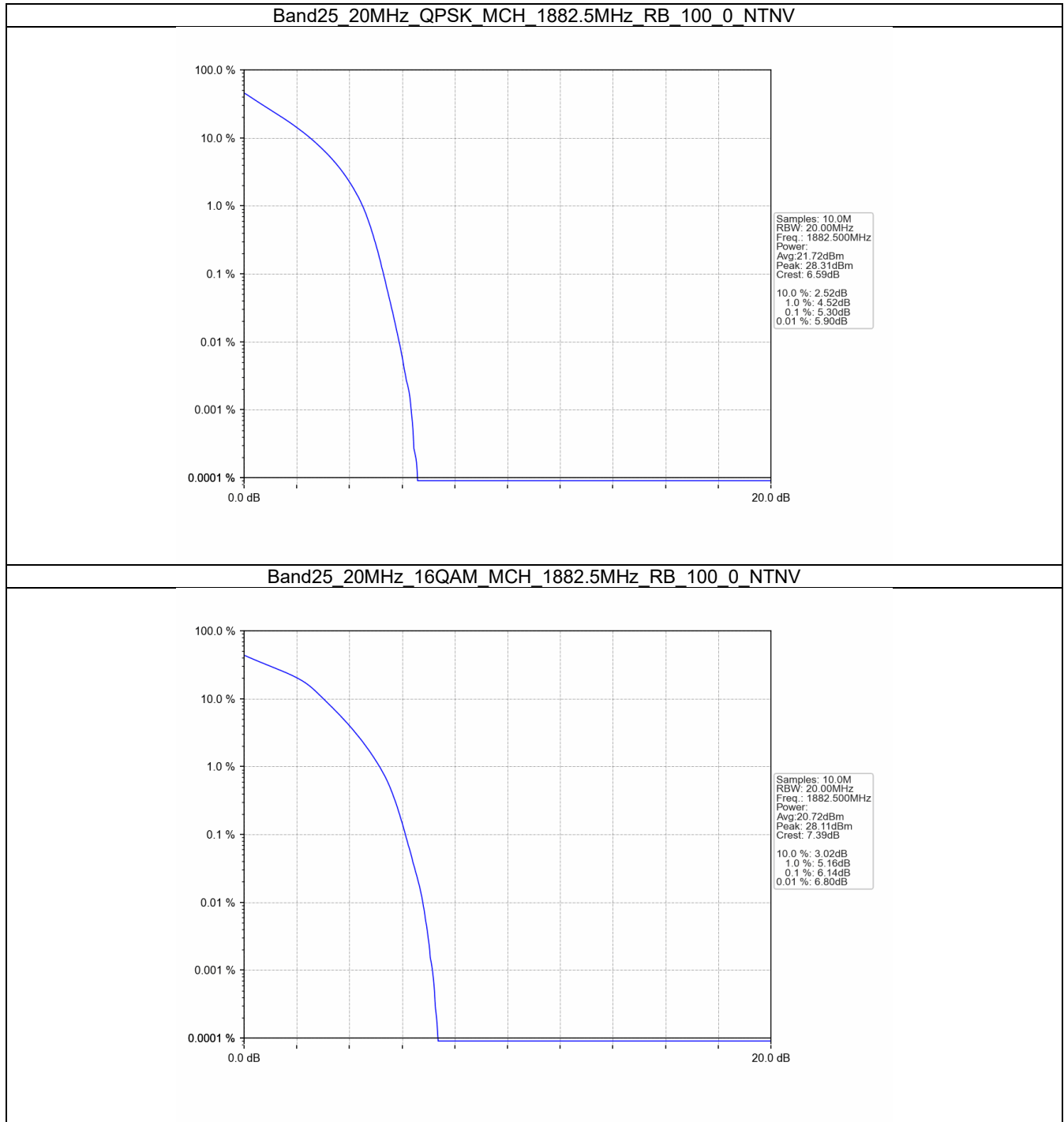
4.1 Test Result

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	5.30	<=13	Pass
16QAM	1882.5	100	0	6.14	<=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	
	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 / 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
	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

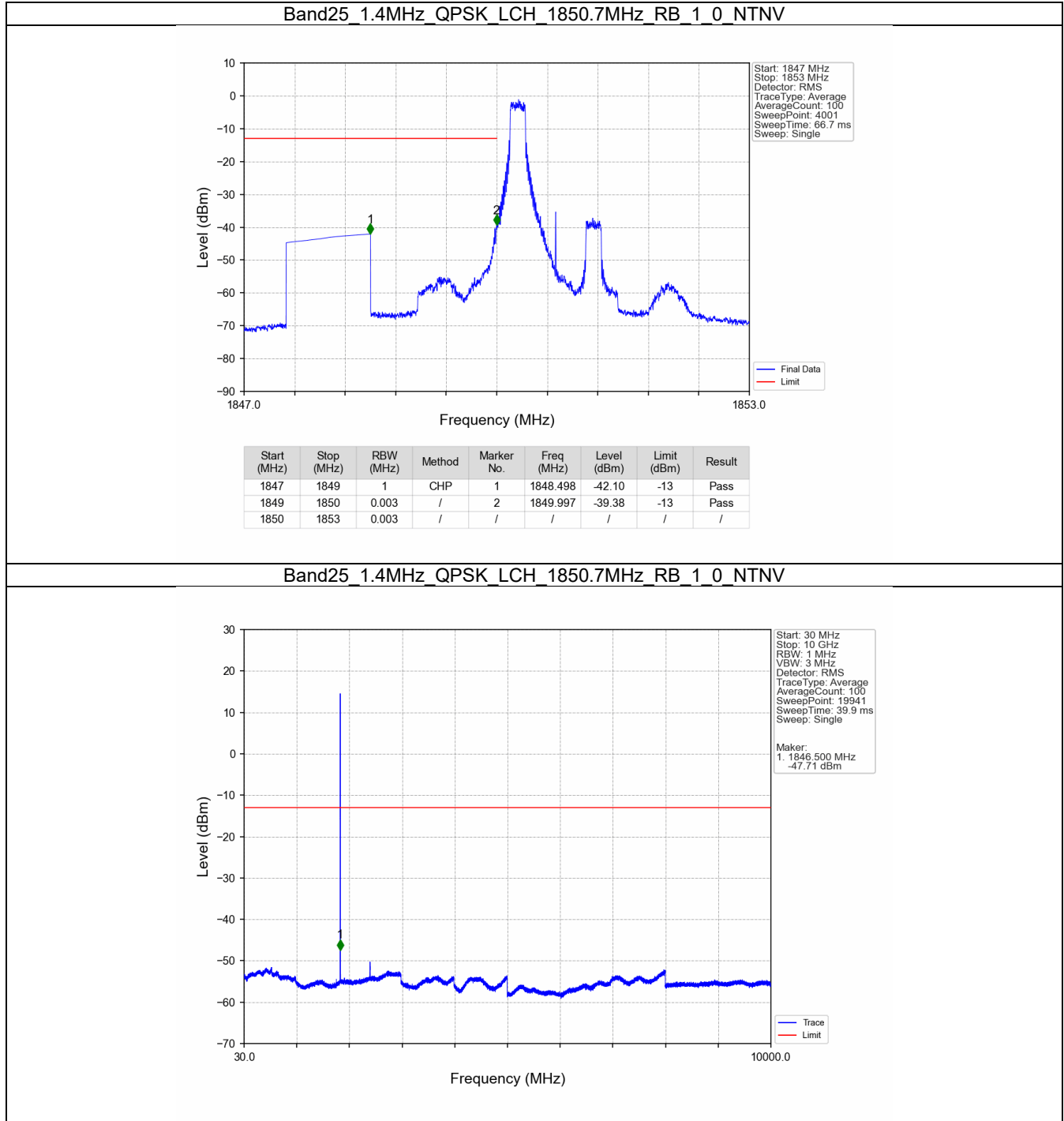
Band: 25 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer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

5.1.6 B25_20MHz

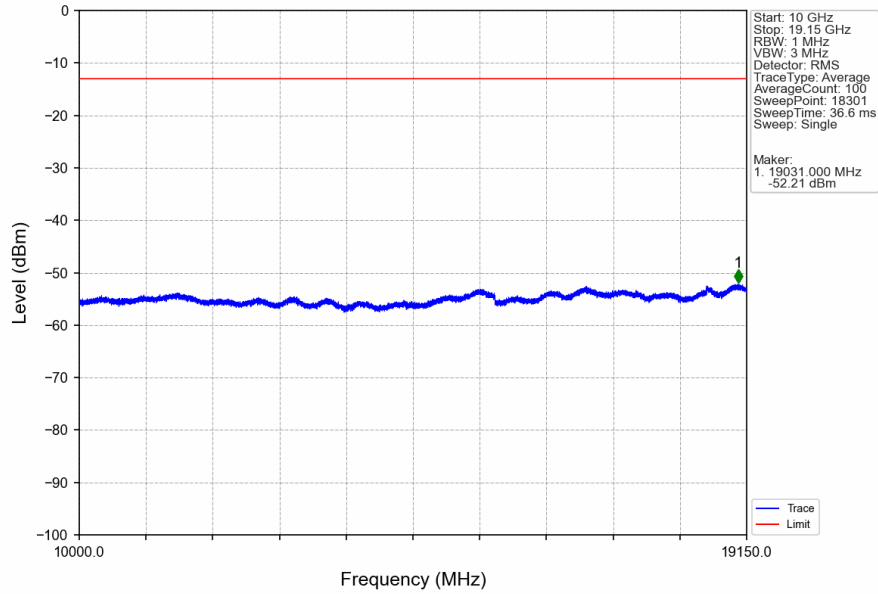
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To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

5.2 Test Graph

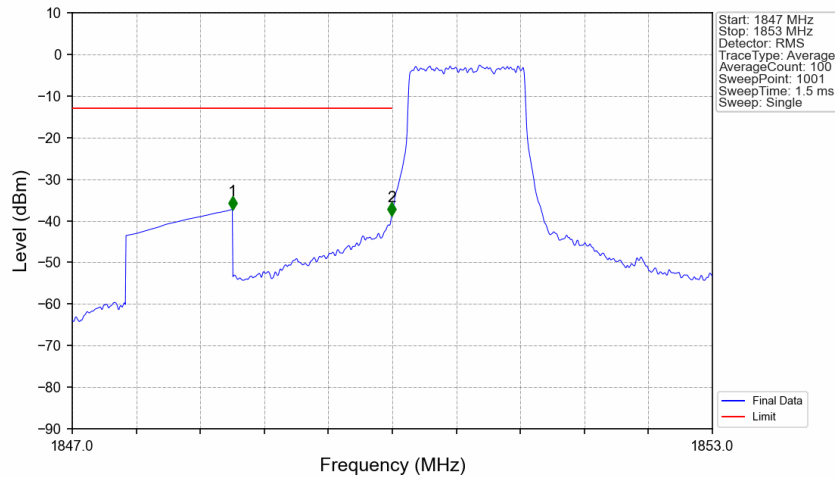
5.2.1 B25_1.4MHz



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV

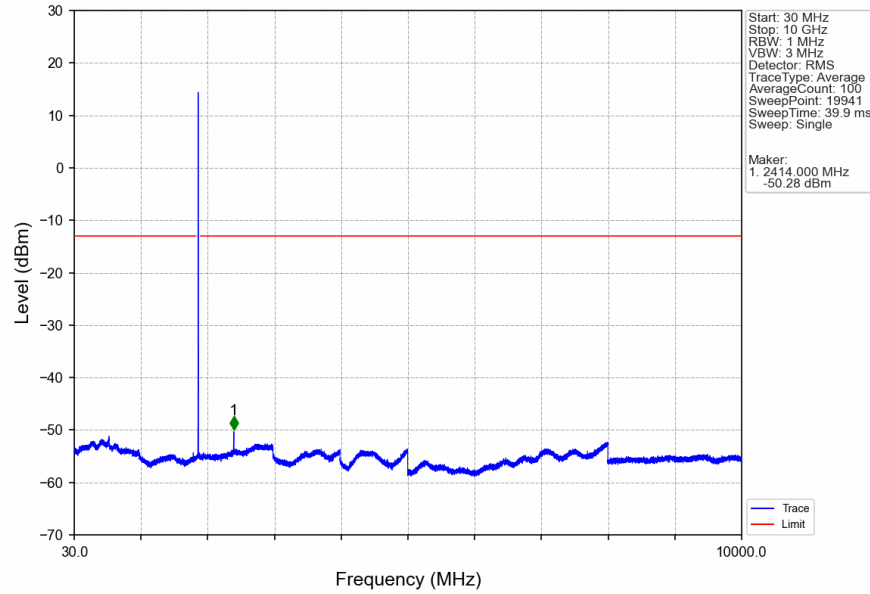


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV

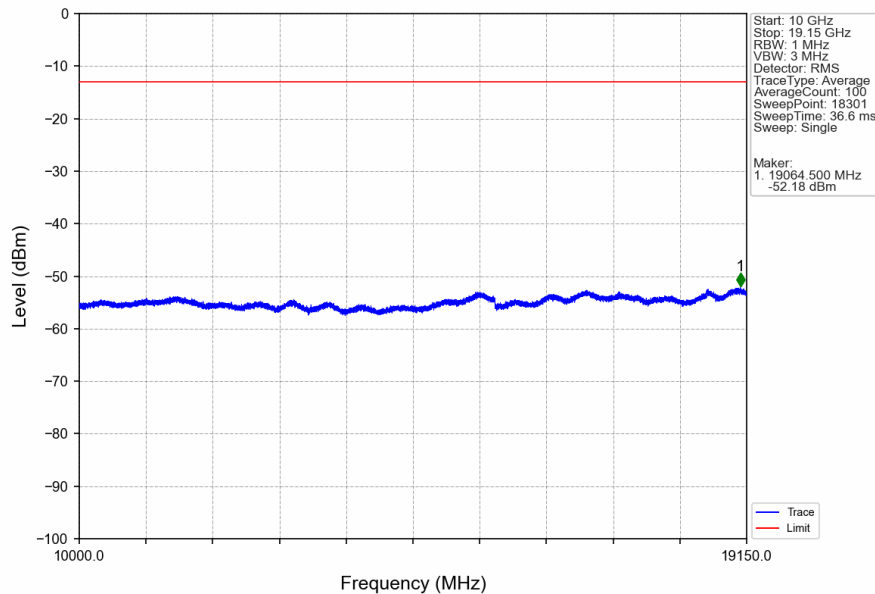


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-37.26	-13	Pass
1849	1850	0.02	/	2	1849.994	-38.81	-13	Pass
1850	1853	0.02	/	/	/	/	/	/

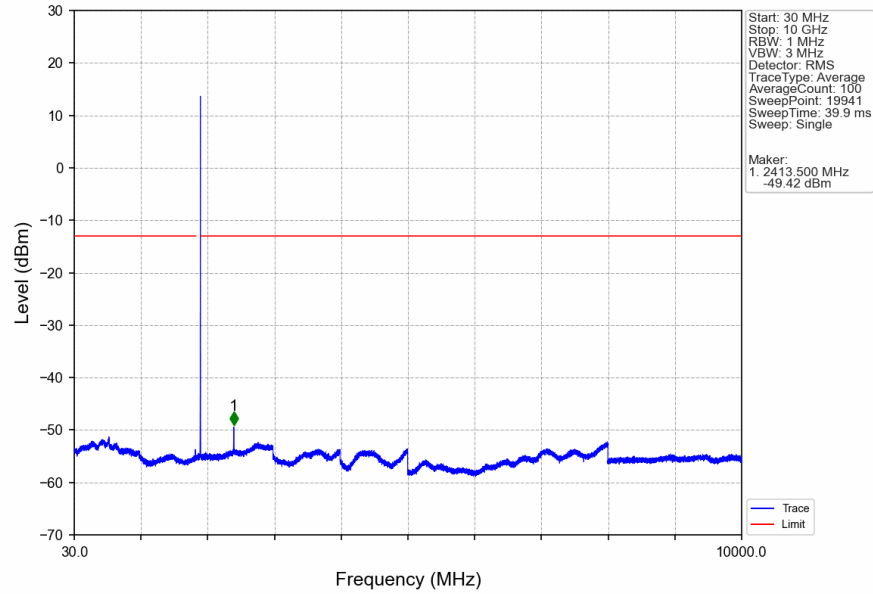
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



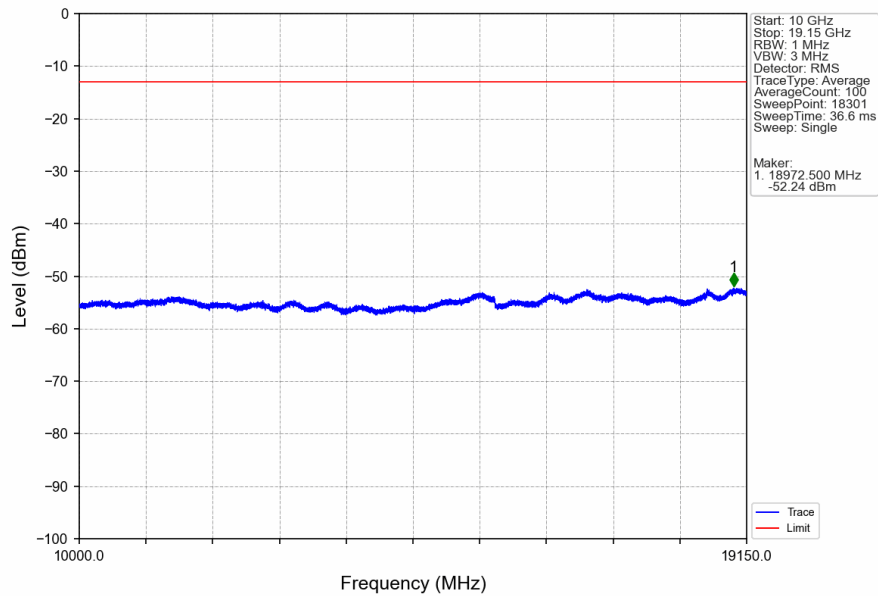
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



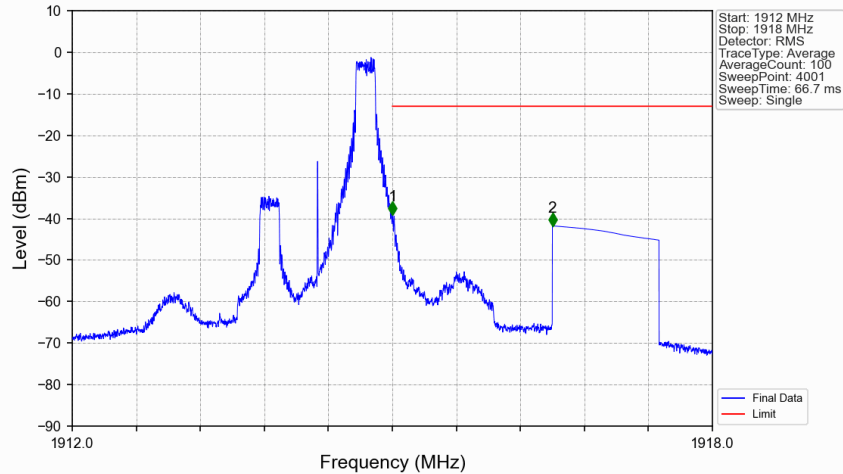
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV

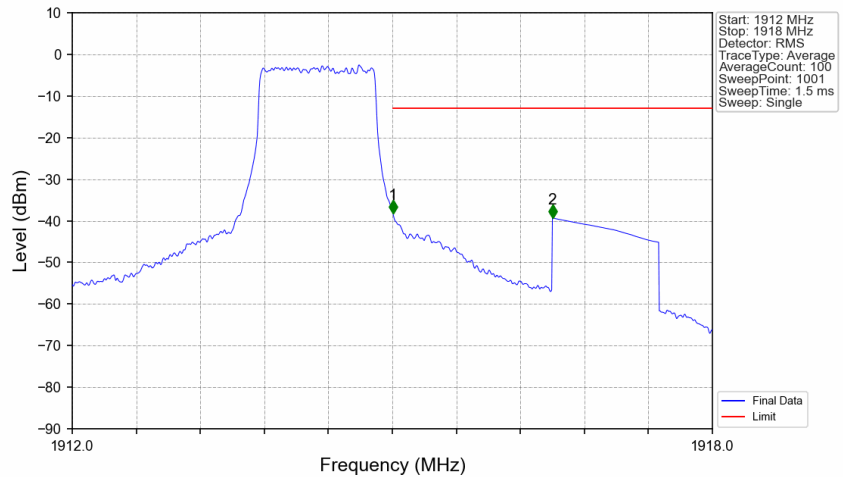


Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



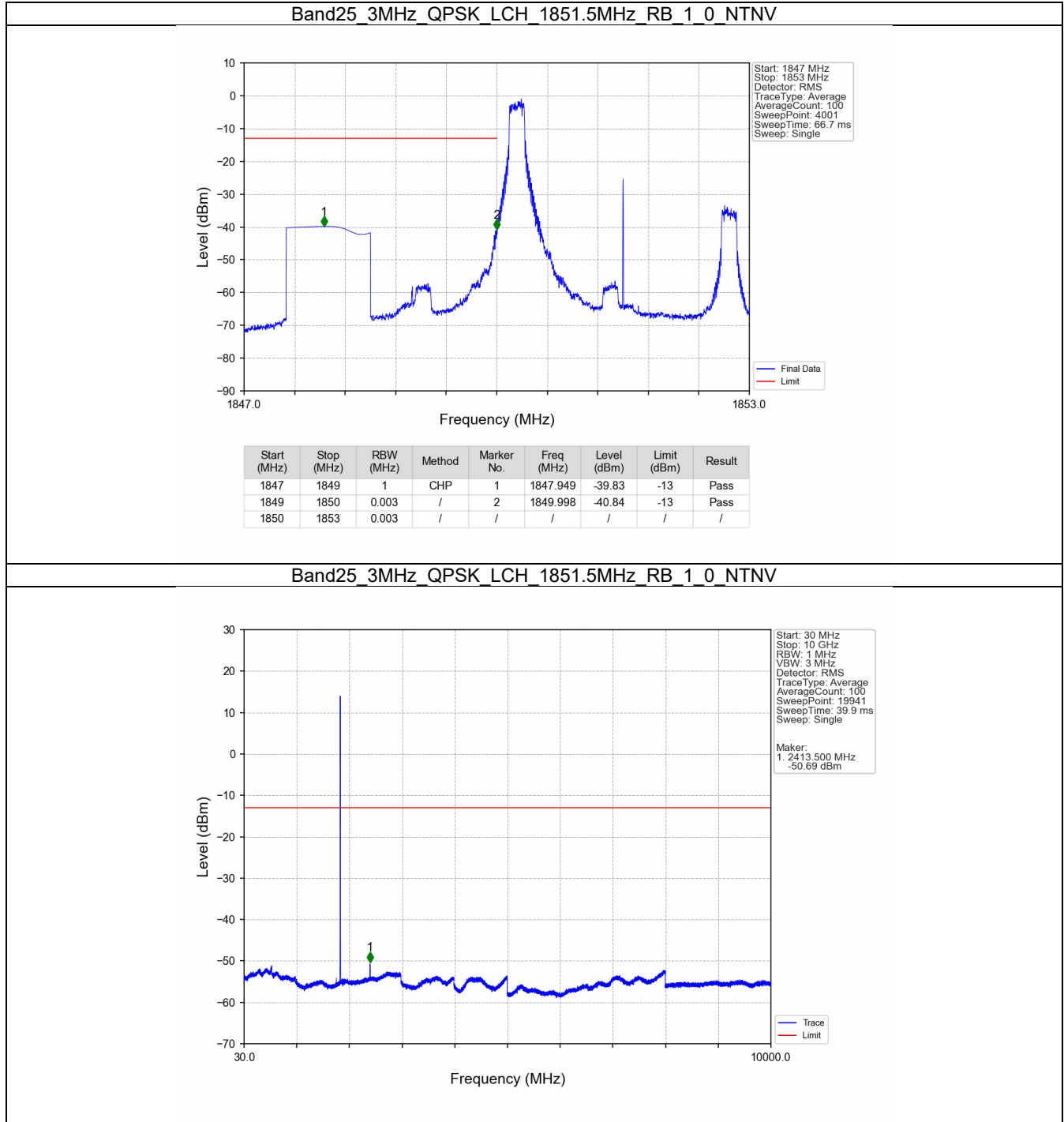
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-39.18	-13	Pass
1916	1918	1	CHP	2	1916.500	-41.81	-13	Pass

Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV

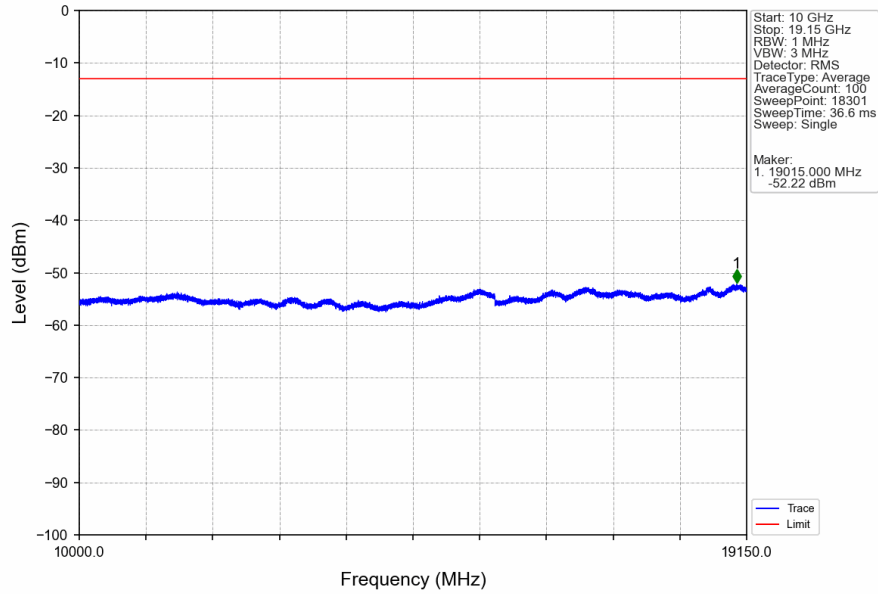


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.02	/	/	/	/	/	/
1915	1916	0.02	/	1	1915.006	-38.26	-13	Pass
1916	1918	1	CHP	2	1916.500	-39.30	-13	Pass

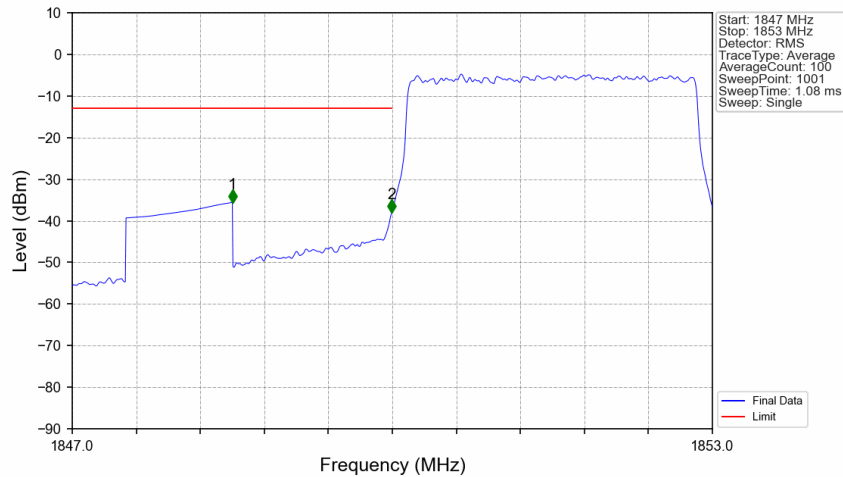
5.2.2 B25_3MHz



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

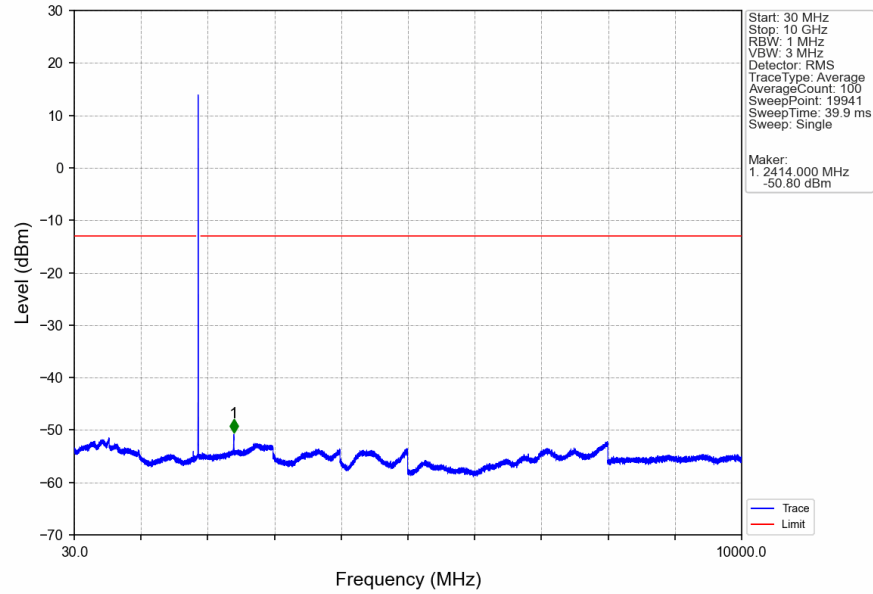


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

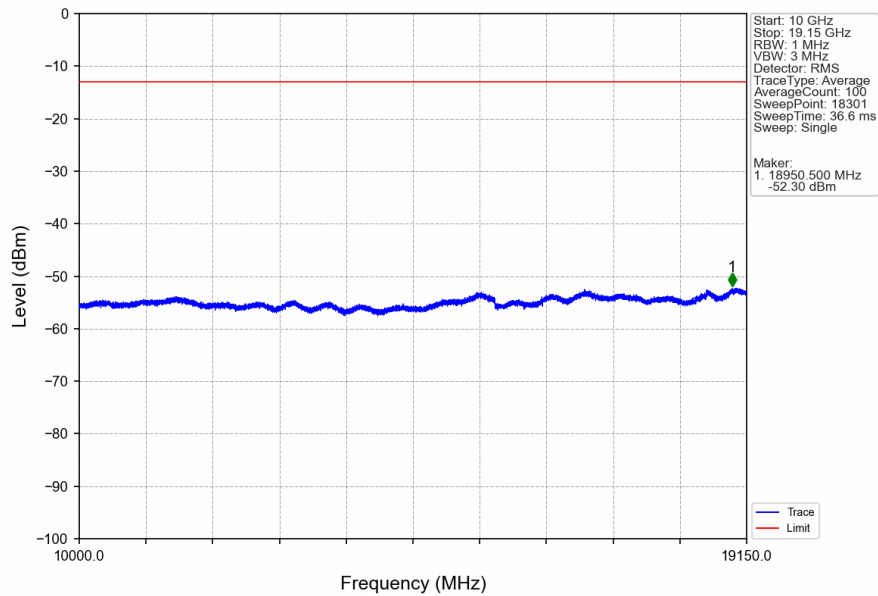


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-35.60	-13	Pass
1849	1850	0.03	/	2	1849.994	-38.03	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

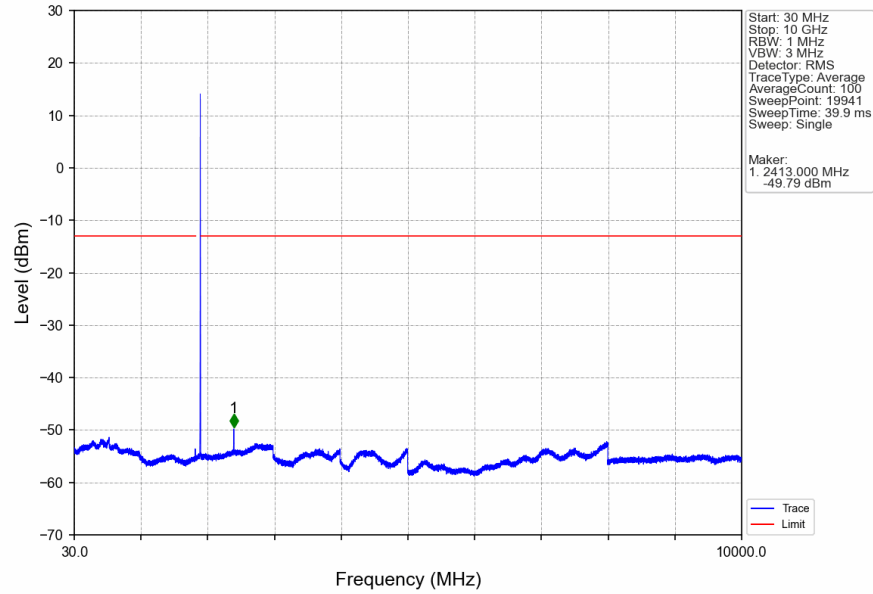
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



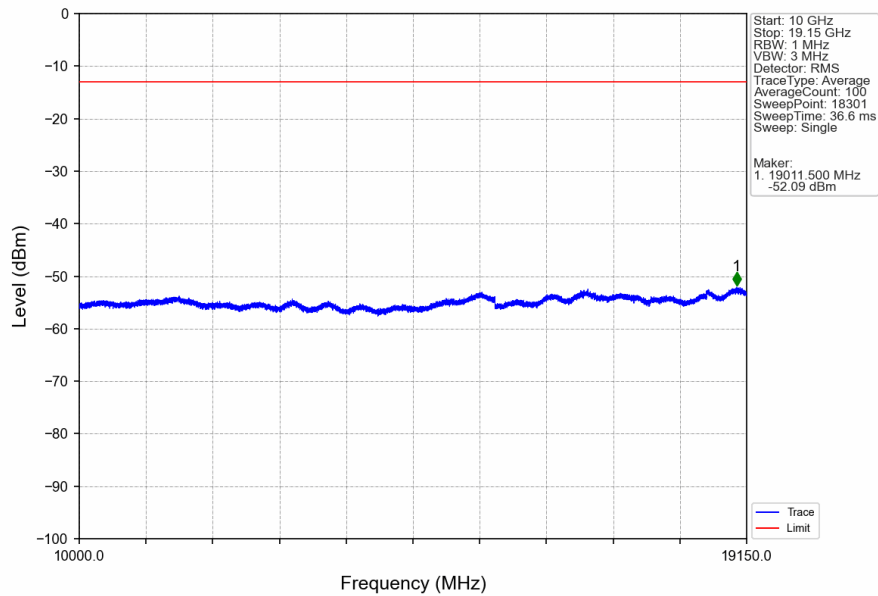
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



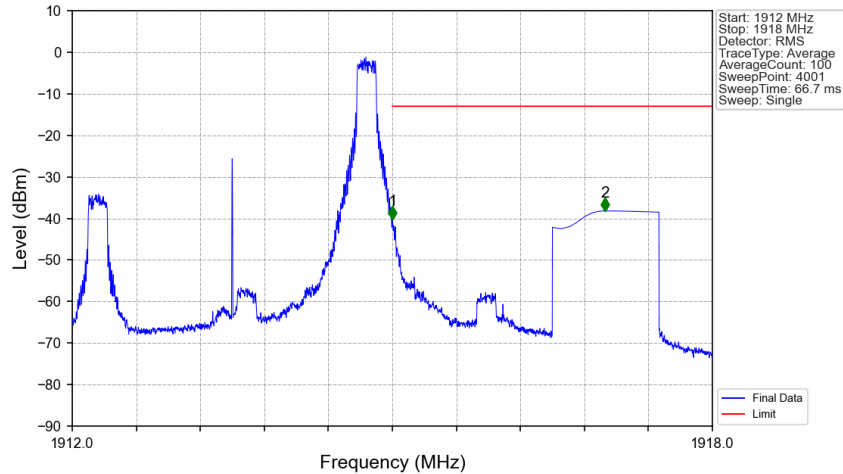
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

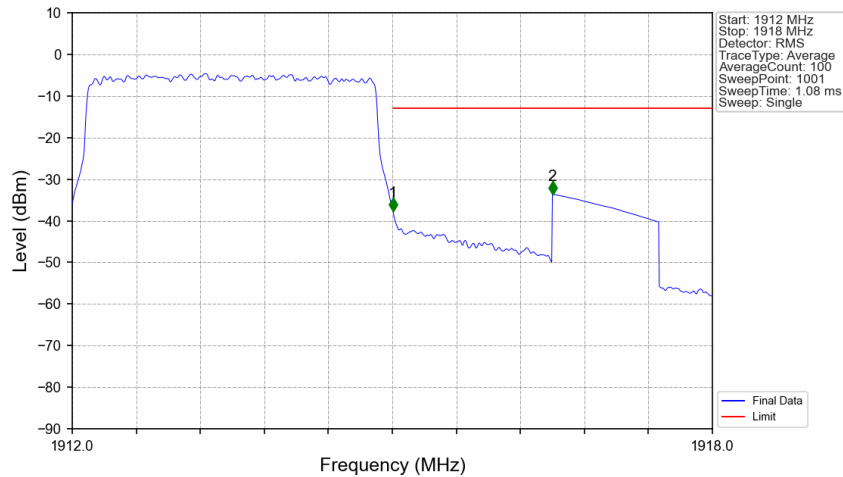


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



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	-40.14	-13	Pass
1916	1918	1	CHP	2	1916.994	-38.19	-13	Pass

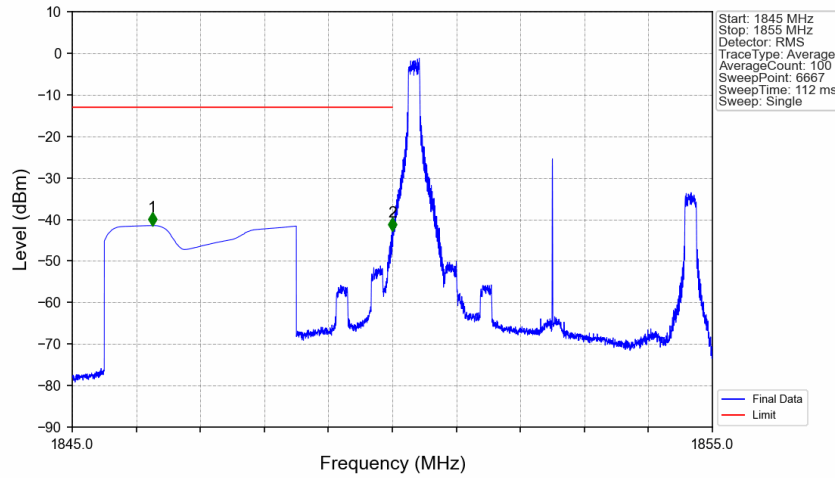
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



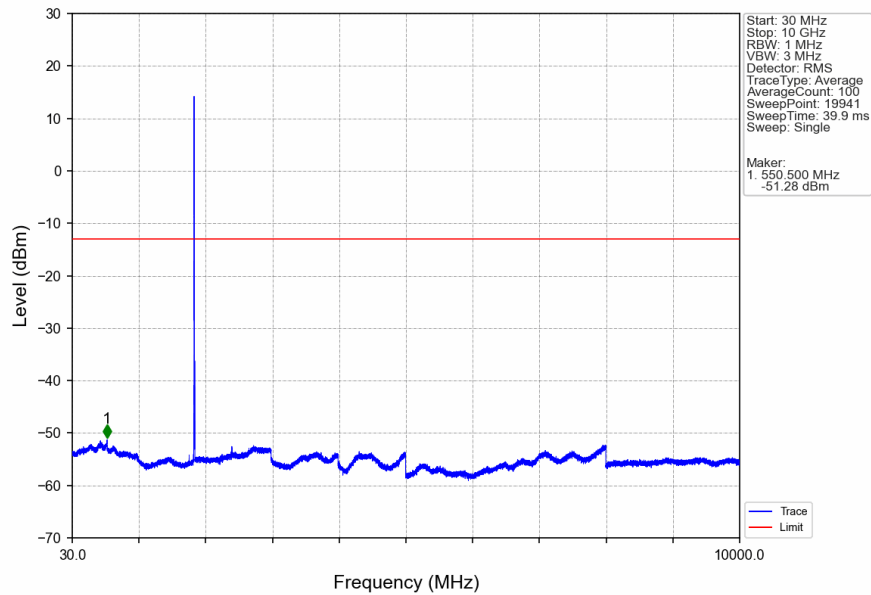
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.03	/	/	/	/	/	/
1915	1916	0.03	/	1	1915.006	-37.59	-13	Pass
1916	1918	1	CHP	2	1916.500	-33.63	-13	Pass

5.2.3 B25_5MHz

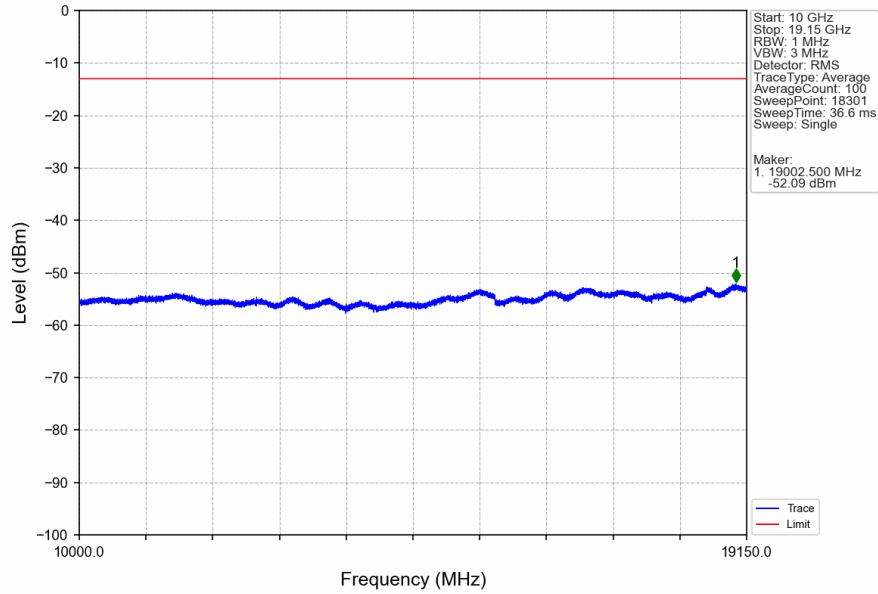
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



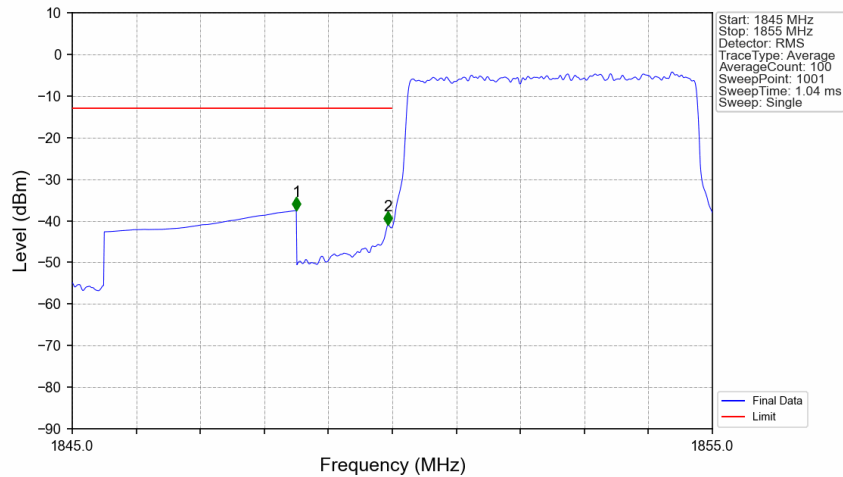
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

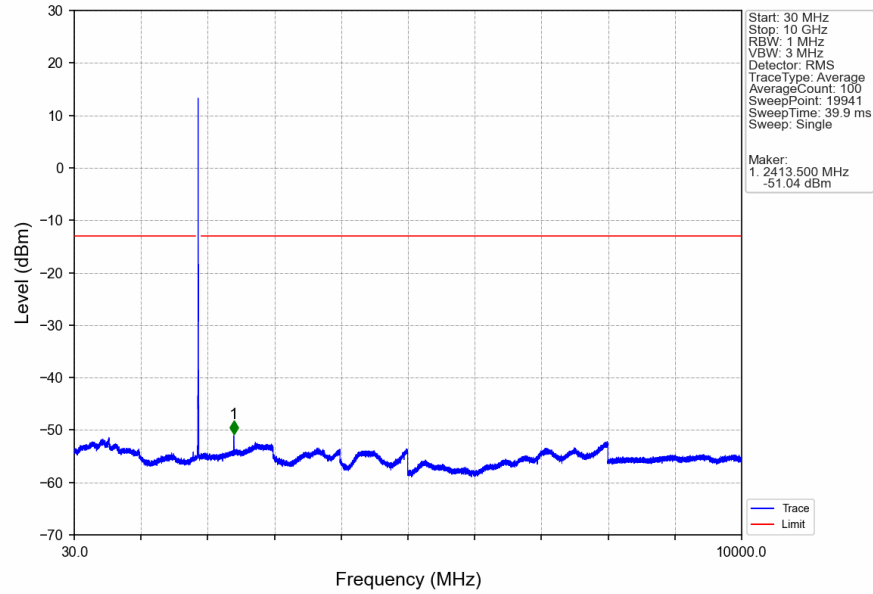


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

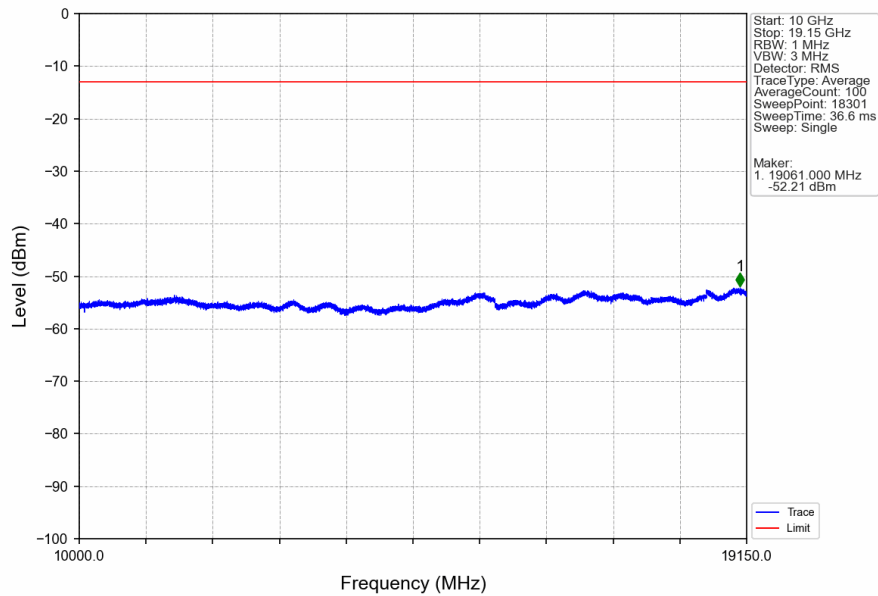


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-37.54	-13	Pass
1849	1850	0.05	/	2	1849.930	-41.01	-13	Pass
1850	1855	0.05	/	/	/	/	/	/

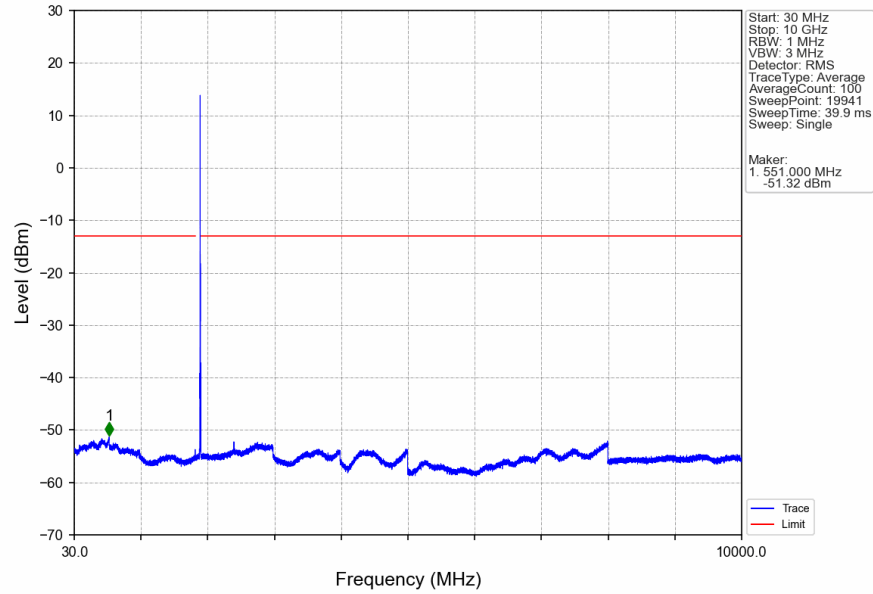
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



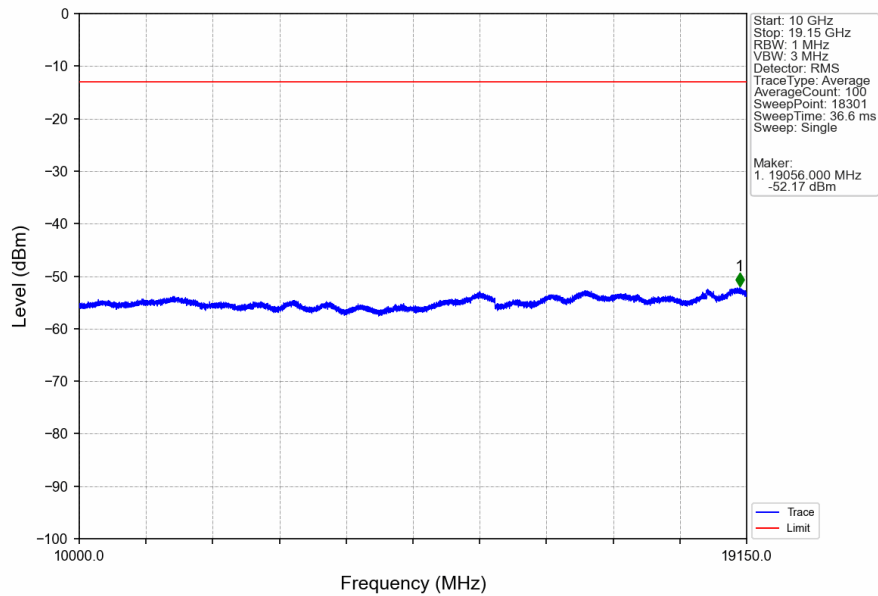
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



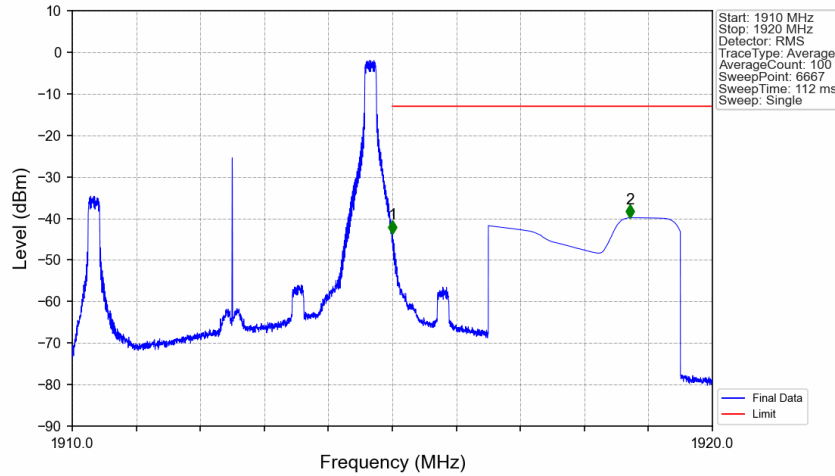
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV

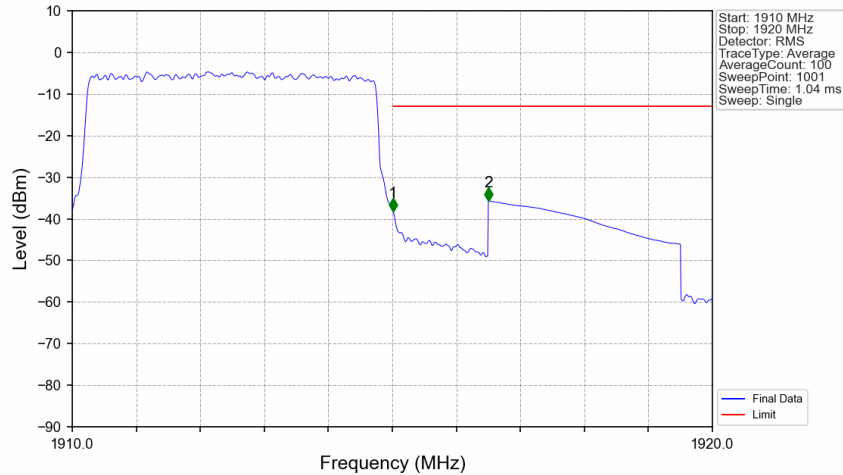


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



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	-43.59	-13	Pass
1916	1920	1	CHP	2	1918.717	-39.84	-13	Pass

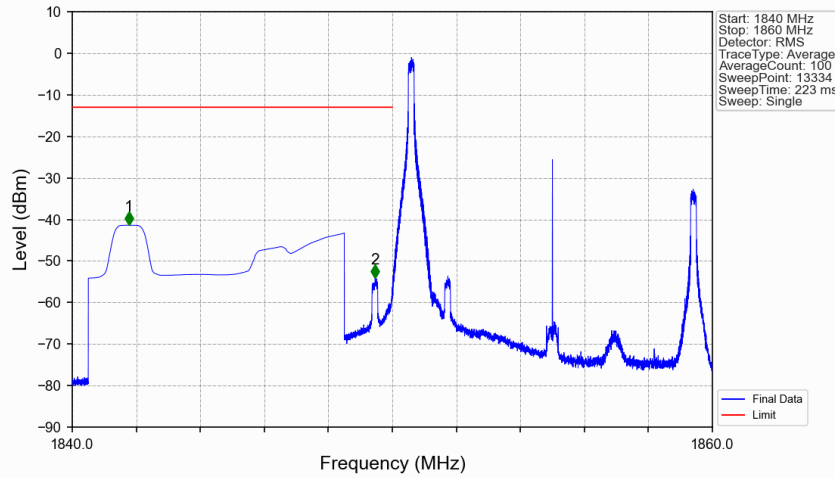
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



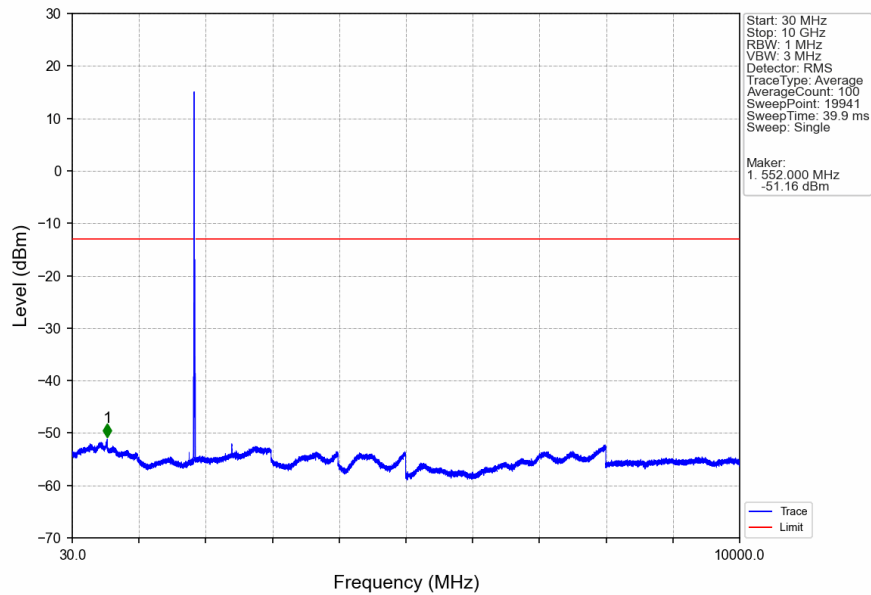
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.05	/	/	/	/	/	/
1915	1916	0.05	/	1	1915.010	-38.25	-13	Pass
1916	1920	1	CHP	2	1916.500	-35.67	-13	Pass

5.2.4 B25_10MHz

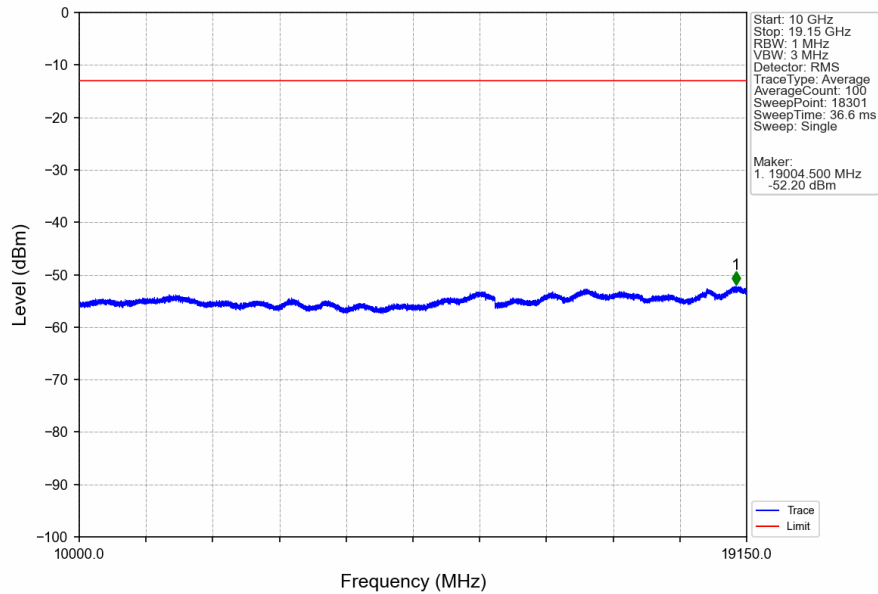
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



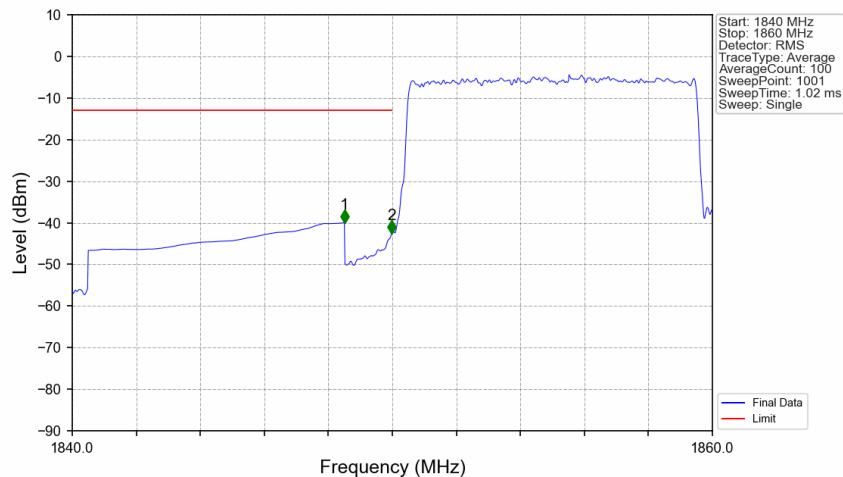
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

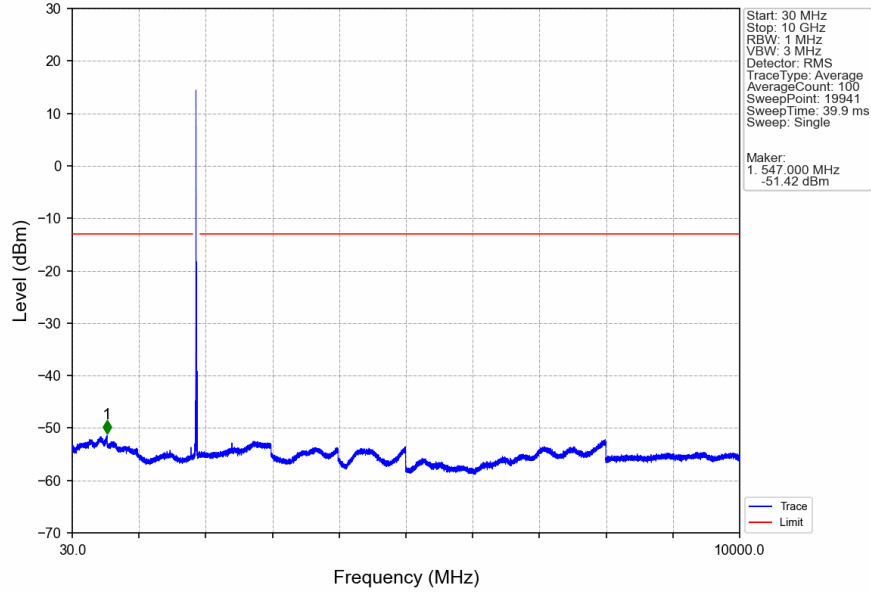


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

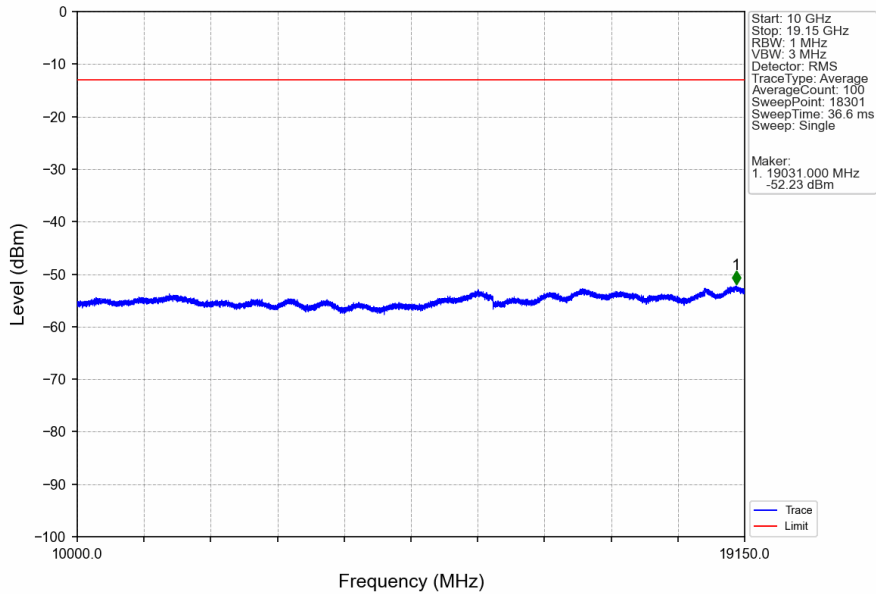


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.500	-40.01	-13	Pass
1849	1850	0.1	/	2	1849.980	-42.55	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

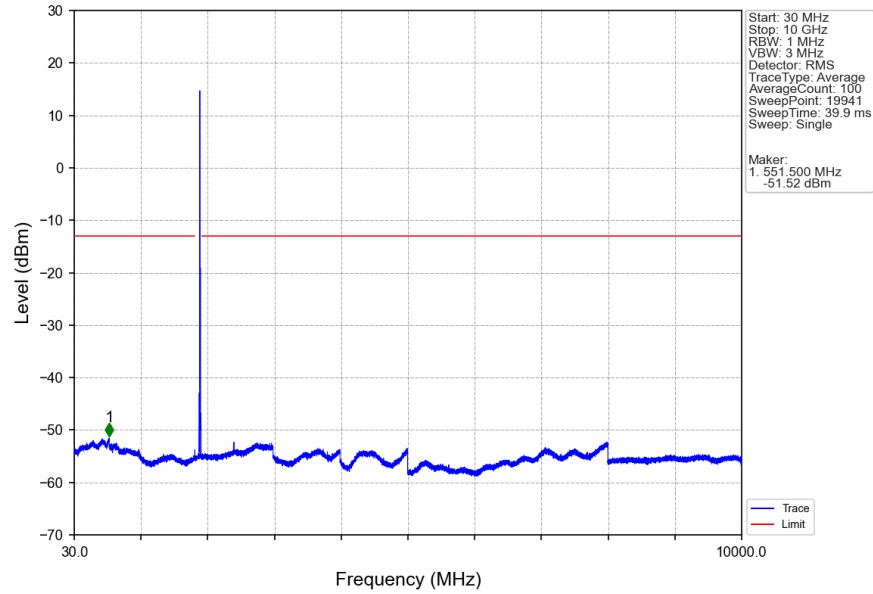
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



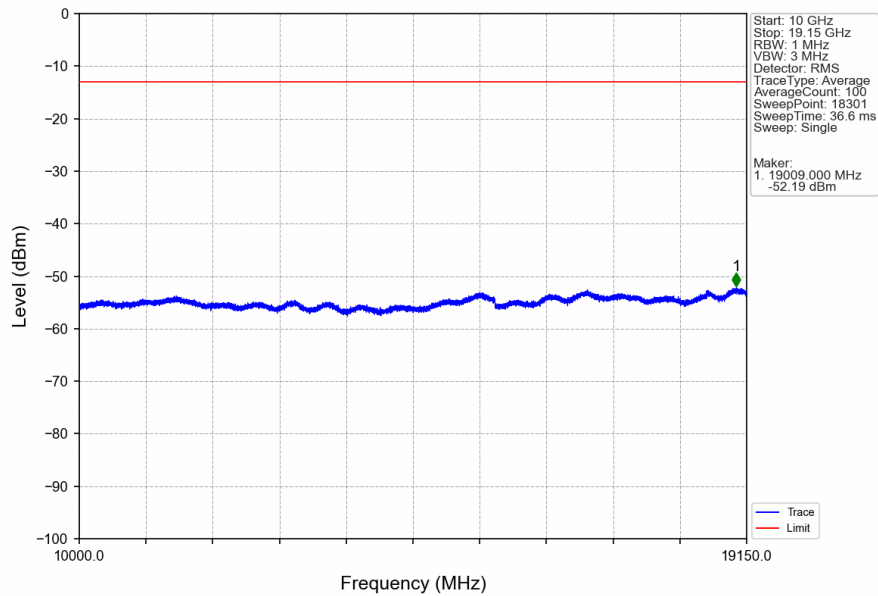
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



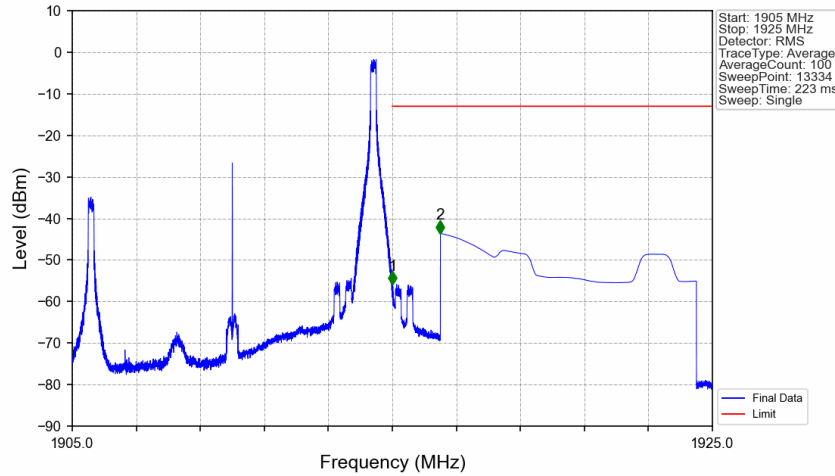
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

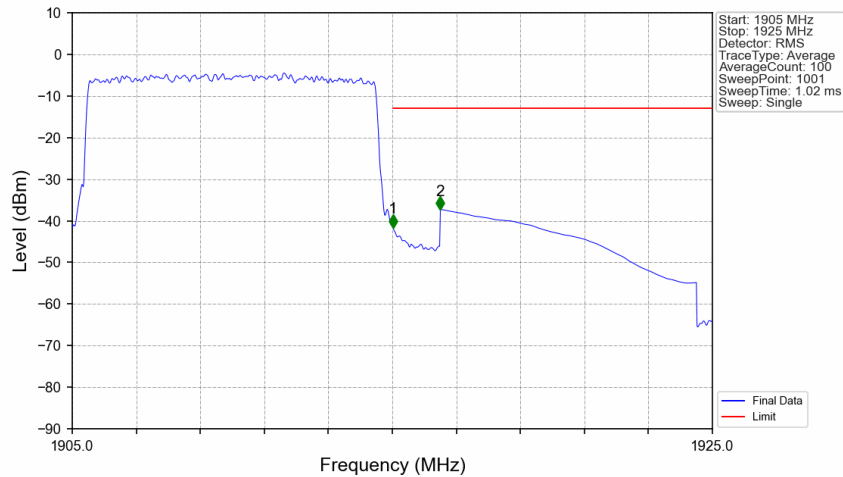


Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



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	1915.004	-55.84	-13	Pass
1916	1925	1	CHP	2	1916.501	-43.59	-13	Pass

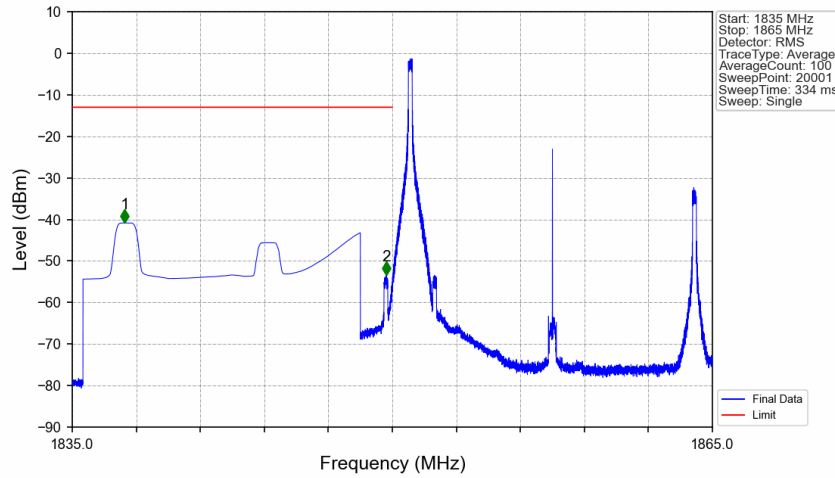
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



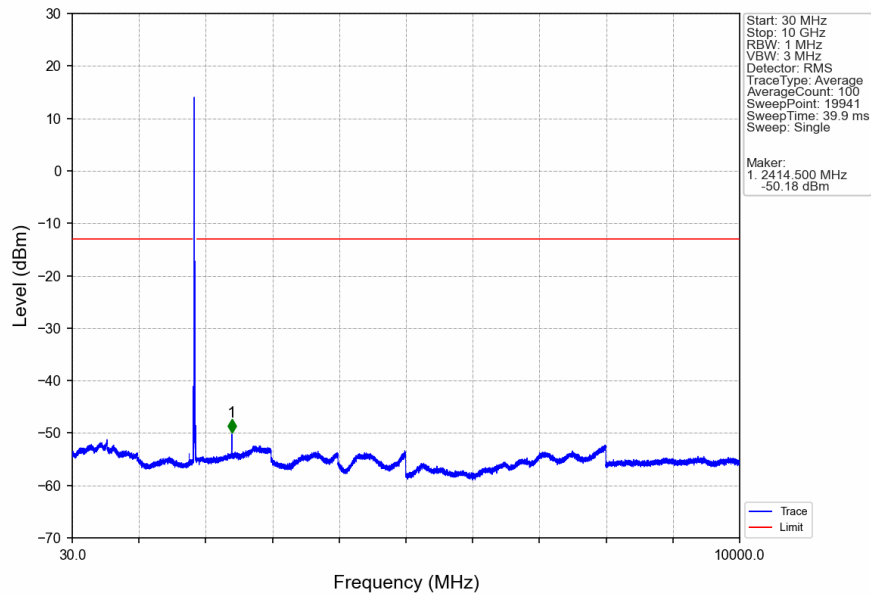
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.1	/	/	/	/	/	/
1915	1916	0.1	/	1	1915.020	-41.58	-13	Pass
1916	1925	1	CHP	2	1916.500	-37.27	-13	Pass

5.2.5 B25_15MHz

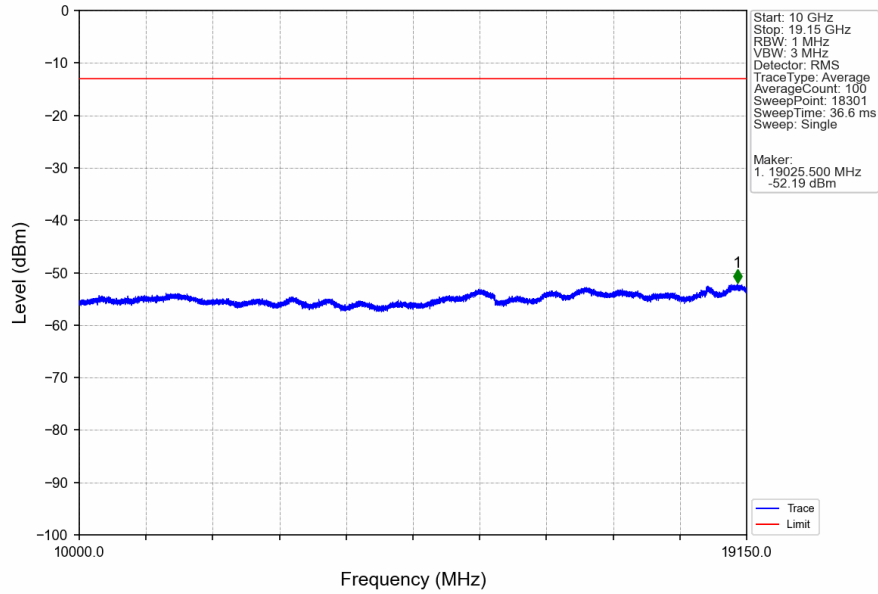
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



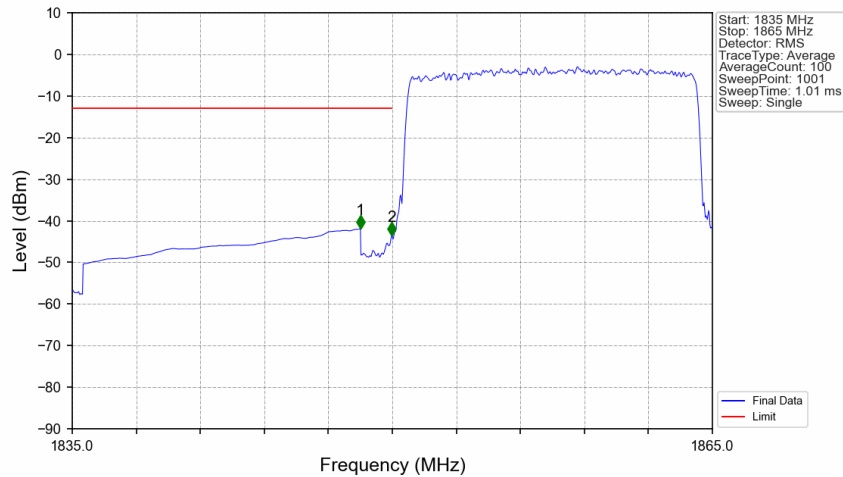
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

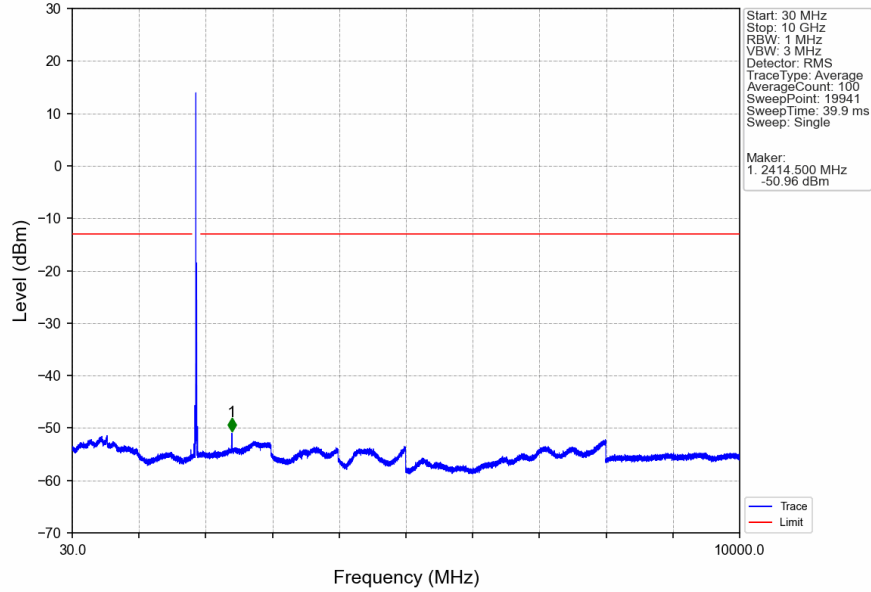


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

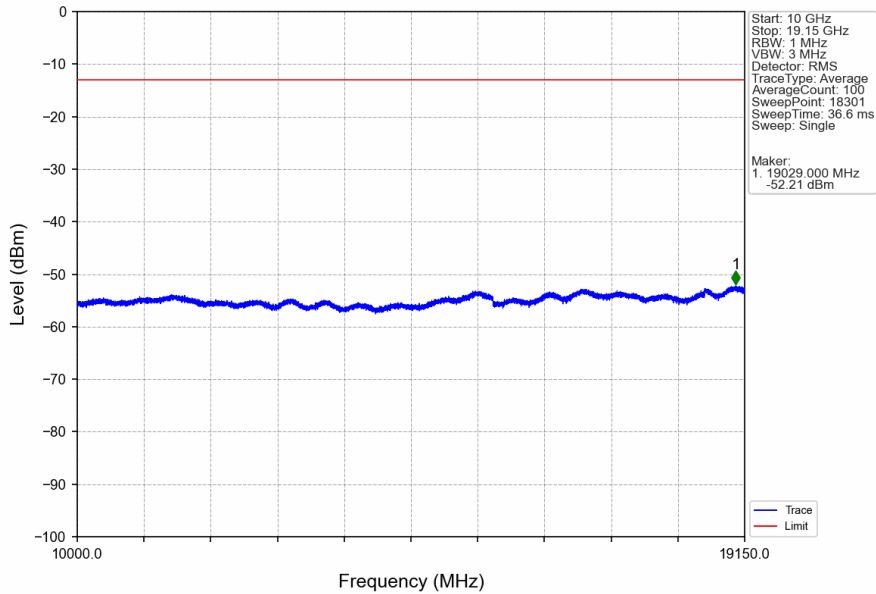


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.500	-41.93	-13	Pass
1849	1850	0.2	/	2	1849.970	-43.50	-13	Pass
1850	1865	0.2	/	/	/	/	/	/

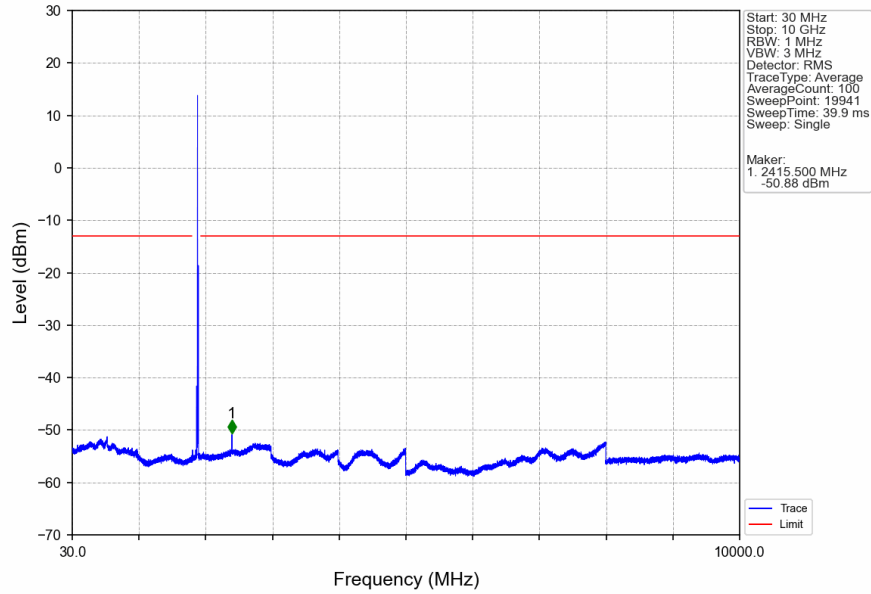
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



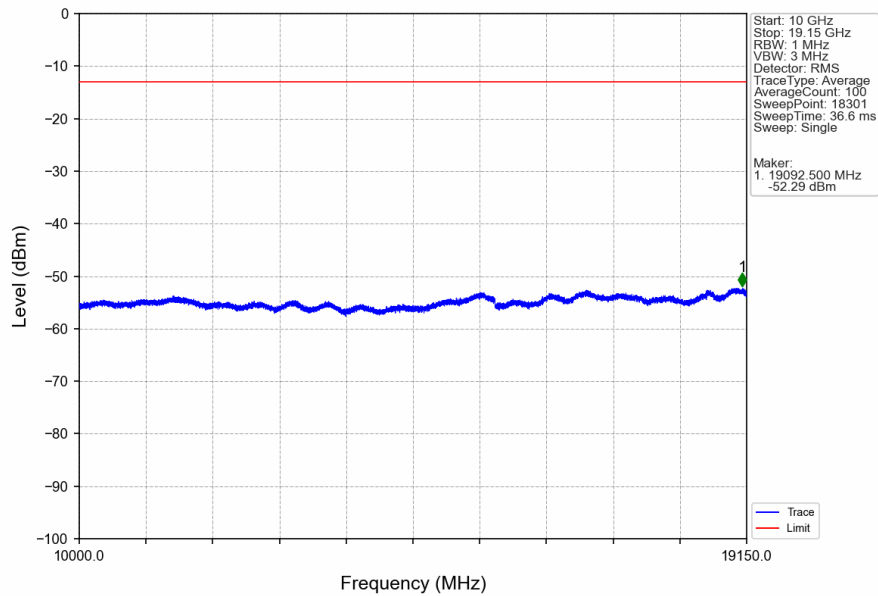
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



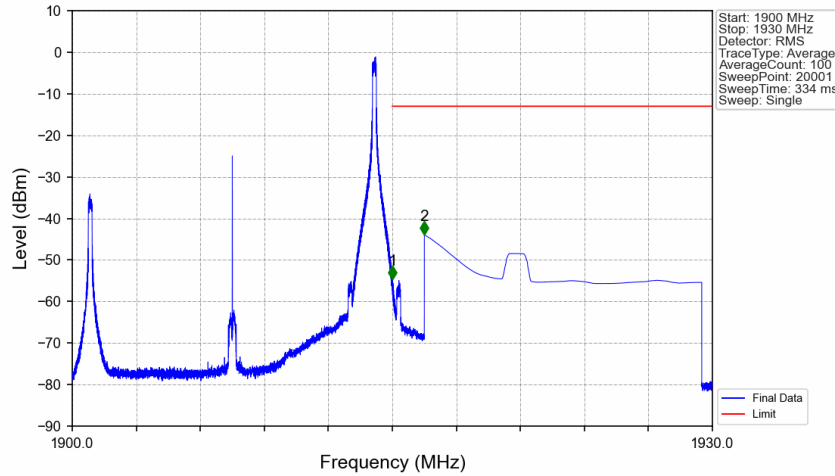
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

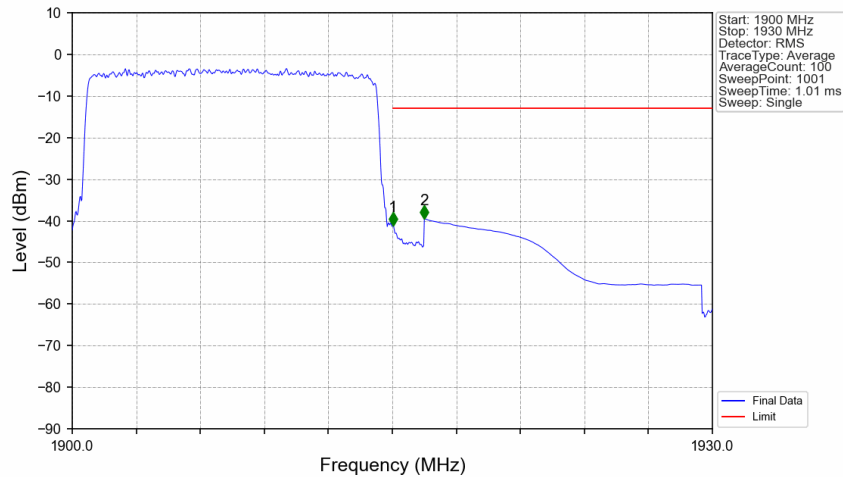


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



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	-54.57	-13	Pass
1916	1930	1	CHP	2	1916.500	-43.94	-13	Pass

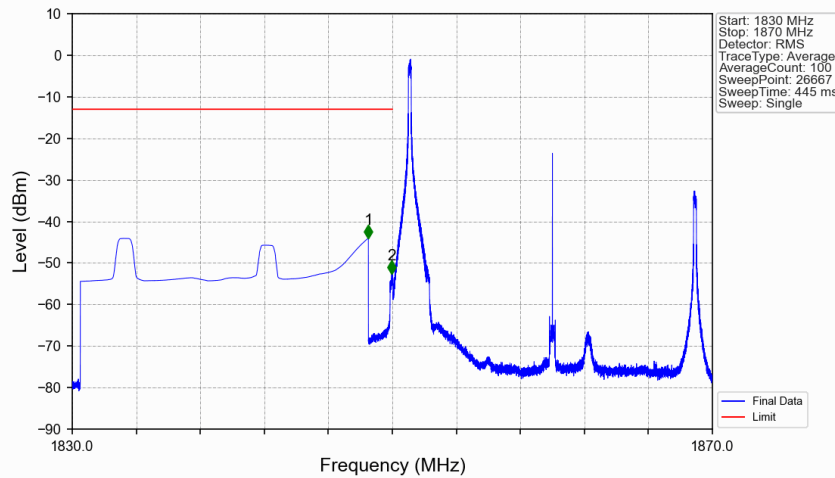
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



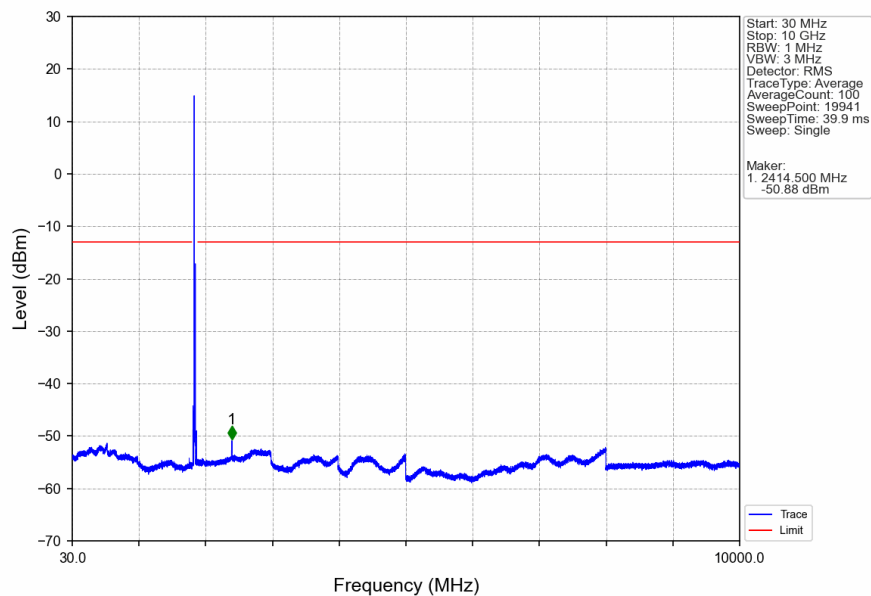
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.030	-41.09	-13	Pass
1916	1930	1	CHP	2	1916.500	-39.54	-13	Pass

5.2.6 B25_20MHz

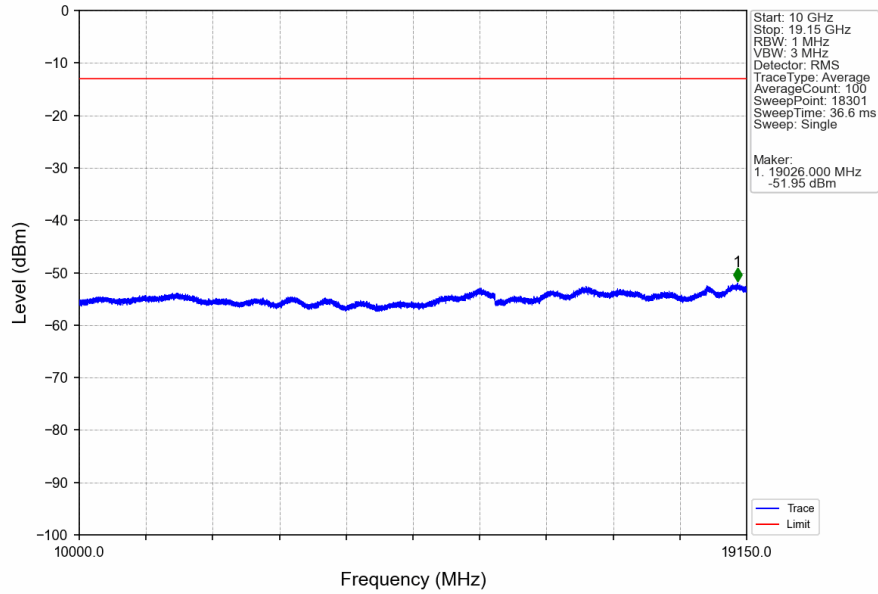
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



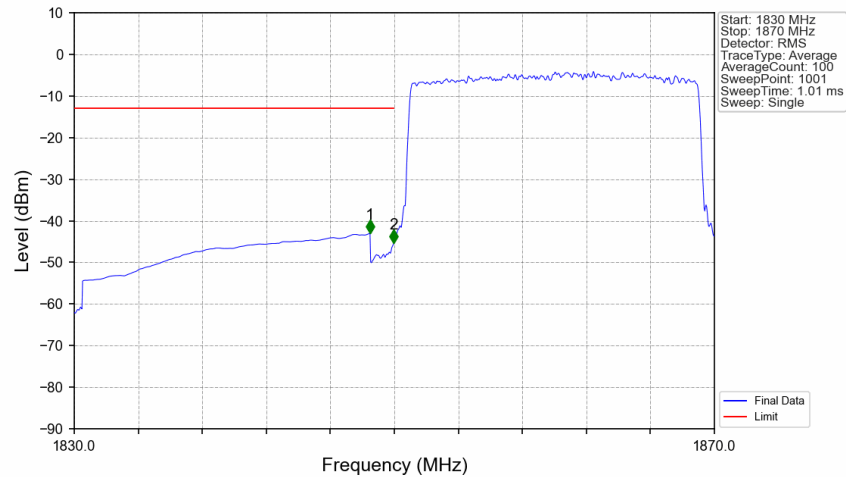
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

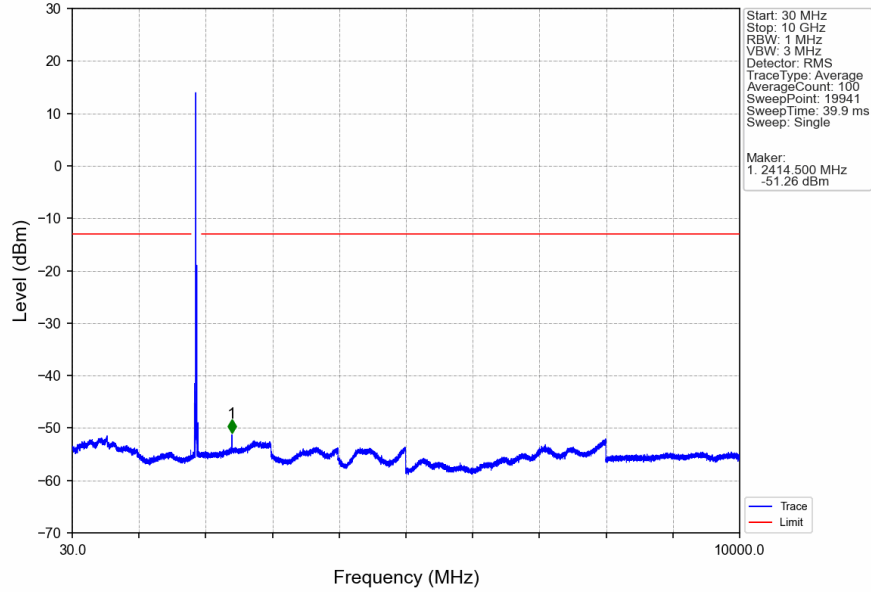


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

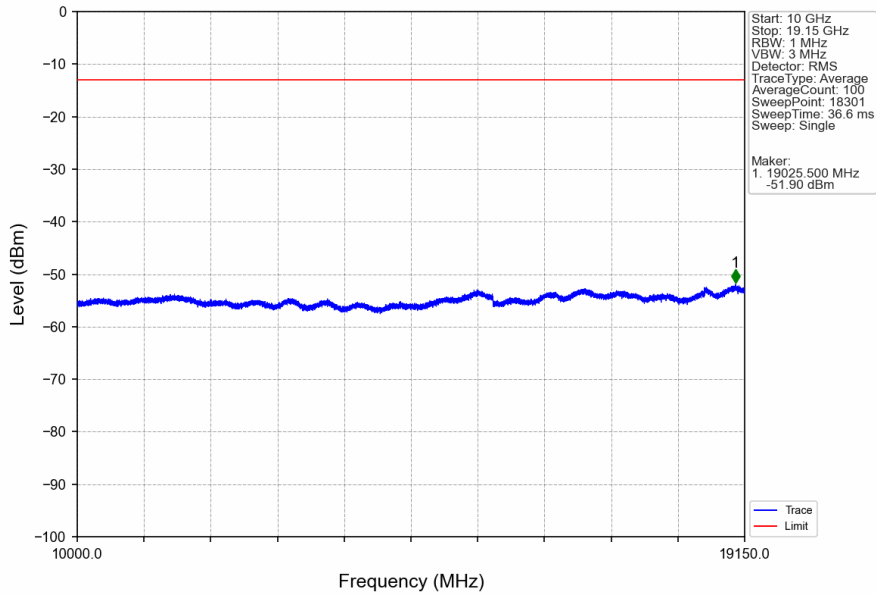


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-43.00	-13	Pass
1849	1850	0.2	/	2	1849.960	-45.35	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

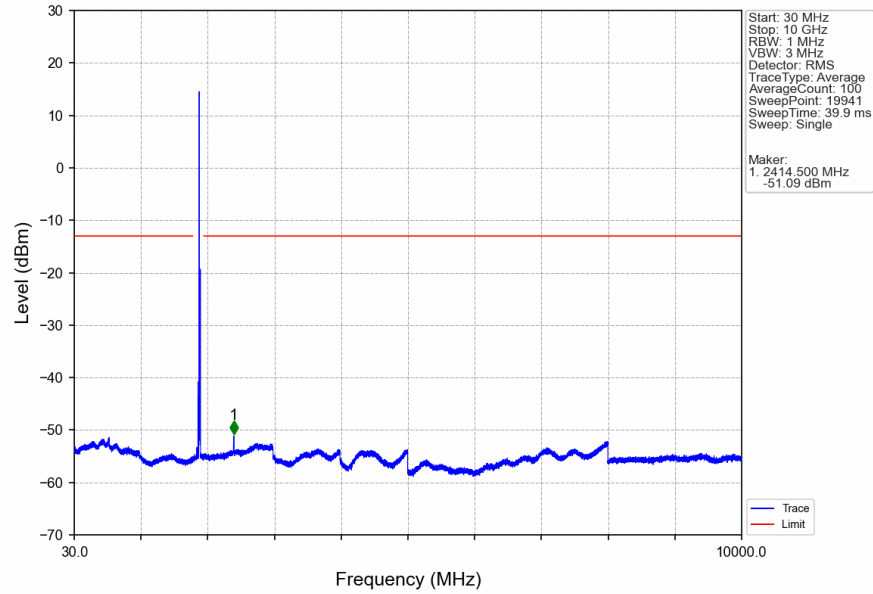
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



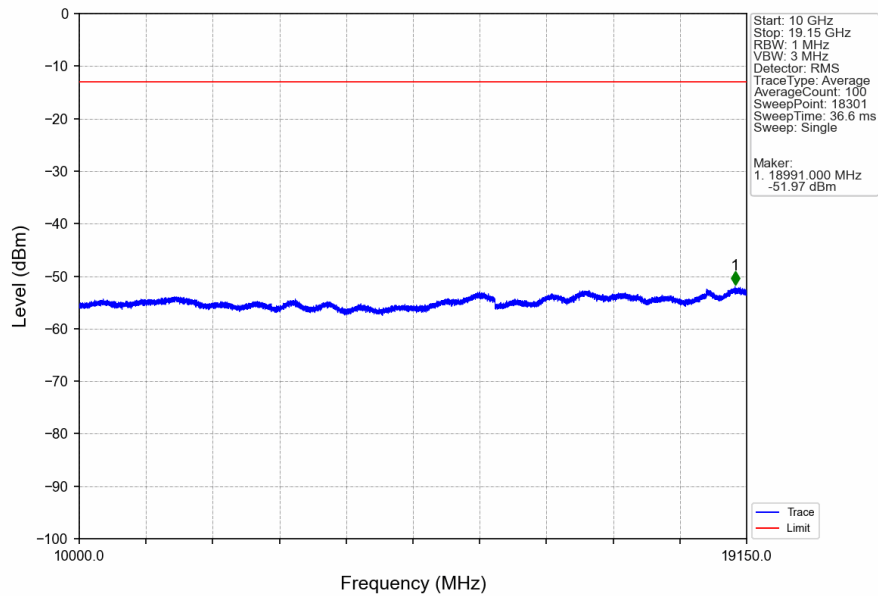
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



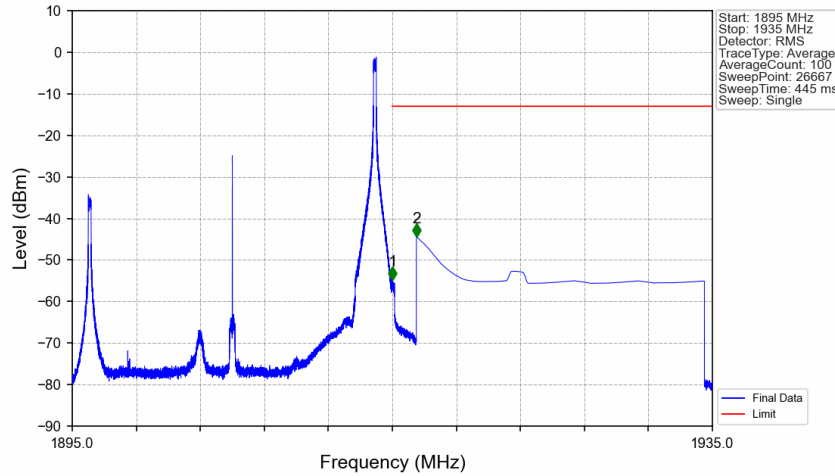
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

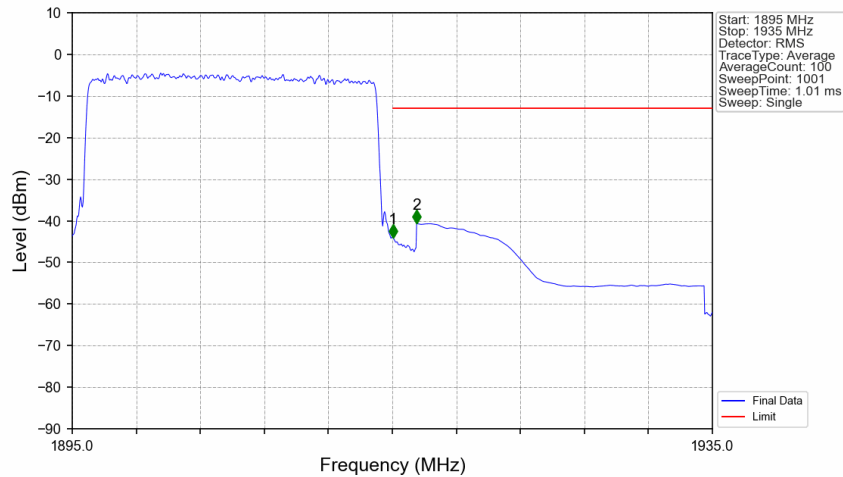


Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



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	1915.011	-54.76	-13	Pass
1916	1935	1	CHP	2	1916.500	-44.43	-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	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.040	-44.00	-13	Pass
1916	1935	1	CHP	2	1916.520	-40.64	-13	Pass

- End of the Appendix -