

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	22.10	2.66	24.76	<=33.00	Pass	
			2	22.01	2.66	24.67	<=33.00	Pass	
			5	21.98	2.66	24.64	<=33.00	Pass	
		3	0	21.99	2.66	24.65	<=33.00	Pass	
			2	21.91	2.66	24.57	<=33.00	Pass	
			3	21.95	2.66	24.61	<=33.00	Pass	
		6	0	20.95	2.66	23.61	<=33.00	Pass	
	1882.5	1	0	22.17	2.66	24.83	<=33.00	Pass	
			2	22.35	2.66	25.01	<=33.00	Pass	
			5	22.16	2.66	24.82	<=33.00	Pass	
		3	0	22.25	2.66	24.91	<=33.00	Pass	
			2	22.19	2.66	24.85	<=33.00	Pass	
		3	22.23	2.66	24.89	<=33.00	Pass		
	1914.3	6	0	21.17	2.66	23.83	<=33.00	Pass	
			1	0	22.17	2.66	24.83	<=33.00	Pass
				2	22.34	2.66	25.00	<=33.00	Pass
		5		22.02	2.66	24.68	<=33.00	Pass	
		3	0	22.08	2.66	24.74	<=33.00	Pass	
			2	21.99	2.66	24.65	<=33.00	Pass	
			3	21.92	2.66	24.58	<=33.00	Pass	
	16QAM	1850.7	6	0	20.94	2.66	23.60	<=33.00	Pass
1				0	20.69	2.66	23.35	<=33.00	Pass
				2	20.64	2.66	23.30	<=33.00	Pass
			5	20.46	2.66	23.12	<=33.00	Pass	
3			0	20.45	2.66	23.11	<=33.00	Pass	
			2	21.08	2.66	23.74	<=33.00	Pass	
			3	20.90	2.66	23.56	<=33.00	Pass	
6		0	20.09	2.66	22.75	<=33.00	Pass		
1882.5		1	0	21.04	2.66	23.70	<=33.00	Pass	
			2	20.91	2.66	23.57	<=33.00	Pass	
			5	20.69	2.66	23.35	<=33.00	Pass	
		3	0	21.08	2.66	23.74	<=33.00	Pass	
			2	21.03	2.66	23.69	<=33.00	Pass	
			3	21.09	2.66	23.75	<=33.00	Pass	
6		0	20.05	2.66	22.71	<=33.00	Pass		
1914.3		1	0	20.80	2.66	23.46	<=33.00	Pass	
			2	20.73	2.66	23.39	<=33.00	Pass	
			5	20.64	2.66	23.30	<=33.00	Pass	
		3	0	20.84	2.66	23.50	<=33.00	Pass	
			2	20.86	2.66	23.52	<=33.00	Pass	
			3	21.01	2.66	23.67	<=33.00	Pass	
	6	0	20.07	2.66	22.73	<=33.00	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	21.87	2.66	24.53	<=33.00	Pass	
			7	22.04	2.66	24.70	<=33.00	Pass	
			14	21.91	2.66	24.57	<=33.00	Pass	
		8	0	20.94	2.66	23.60	<=33.00	Pass	
			4	20.92	2.66	23.58	<=33.00	Pass	
			7	20.96	2.66	23.62	<=33.00	Pass	
		15	0	20.94	2.66	23.60	<=33.00	Pass	
		1882.5	1	0	22.18	2.66	24.84	<=33.00	Pass
				7	22.26	2.66	24.92	<=33.00	Pass
	14			22.41	2.66	25.07	<=33.00	Pass	
	8		0	21.09	2.66	23.75	<=33.00	Pass	
			4	21.20	2.66	23.86	<=33.00	Pass	
			7	21.10	2.66	23.76	<=33.00	Pass	
	15	0	21.14	2.66	23.80	<=33.00	Pass		
	1913.5	1	0	22.26	2.66	24.92	<=33.00	Pass	
			7	22.29	2.66	24.95	<=33.00	Pass	
			14	22.12	2.66	24.78	<=33.00	Pass	
		8	0	21.13	2.66	23.79	<=33.00	Pass	
			4	21.11	2.66	23.77	<=33.00	Pass	
			7	21.13	2.66	23.79	<=33.00	Pass	
		15	0	21.13	2.66	23.79	<=33.00	Pass	
16QAM		1851.5	1	0	21.05	2.66	23.71	<=33.00	Pass
				7	20.84	2.66	23.50	<=33.00	Pass
	14			20.81	2.66	23.47	<=33.00	Pass	
	8		0	19.72	2.66	22.38	<=33.00	Pass	
			4	19.87	2.66	22.53	<=33.00	Pass	
			7	19.84	2.66	22.50	<=33.00	Pass	
	15	0	20.00	2.66	22.66	<=33.00	Pass		
	1882.5	1	0	21.03	2.66	23.69	<=33.00	Pass	
			7	20.80	2.66	23.46	<=33.00	Pass	
			14	20.98	2.66	23.64	<=33.00	Pass	
		8	0	19.94	2.66	22.60	<=33.00	Pass	
4			20.18	2.66	22.84	<=33.00	Pass		
7			20.07	2.66	22.73	<=33.00	Pass		
15	0	20.22	2.66	22.88	<=33.00	Pass			
1913.5	1	0	20.99	2.66	23.65	<=33.00	Pass		
		7	20.94	2.66	23.60	<=33.00	Pass		
		14	20.84	2.66	23.50	<=33.00	Pass		
	8	0	19.79	2.66	22.45	<=33.00	Pass		
		4	20.00	2.66	22.66	<=33.00	Pass		
		7	19.77	2.66	22.43	<=33.00	Pass		
15	0	20.00	2.66	22.66	<=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	21.75	2.66	24.41	<=33.00	Pass
			13	21.94	2.66	24.60	<=33.00	Pass
			24	21.86	2.66	24.52	<=33.00	Pass
		12	0	20.97	2.66	23.63	<=33.00	Pass
			6	20.88	2.66	23.54	<=33.00	Pass
			13	20.89	2.66	23.55	<=33.00	Pass

		25	0	21.03	2.66	23.69	<=33.00	Pass
	1882.5	1	0	22.13	2.66	24.79	<=33.00	Pass
			13	22.40	2.66	25.06	<=33.00	Pass
			24	22.32	2.66	24.98	<=33.00	Pass
			0	21.04	2.66	23.70	<=33.00	Pass
		12	6	21.17	2.66	23.83	<=33.00	Pass
			13	21.16	2.66	23.82	<=33.00	Pass
			25	0	21.31	2.66	23.97	<=33.00
	1912.5	1	0	22.15	2.66	24.81	<=33.00	Pass
			13	22.26	2.66	24.92	<=33.00	Pass
			24	22.12	2.66	24.78	<=33.00	Pass
		12	0	21.17	2.66	23.83	<=33.00	Pass
			6	21.20	2.66	23.86	<=33.00	Pass
			13	21.06	2.66	23.72	<=33.00	Pass
		25	0	21.13	2.66	23.79	<=33.00	Pass
16QAM	1852.5	1	0	20.64	2.66	23.30	<=33.00	Pass
			13	20.41	2.66	23.07	<=33.00	Pass
			24	20.67	2.66	23.33	<=33.00	Pass
		12	0	19.69	2.66	22.35	<=33.00	Pass
			6	19.83	2.66	22.49	<=33.00	Pass
			13	19.74	2.66	22.40	<=33.00	Pass
		25	0	19.79	2.66	22.45	<=33.00	Pass
	1882.5	1	0	20.82	2.66	23.48	<=33.00	Pass
			13	21.11	2.66	23.77	<=33.00	Pass
			24	20.75	2.66	23.41	<=33.00	Pass
		12	0	19.99	2.66	22.65	<=33.00	Pass
			6	20.12	2.66	22.78	<=33.00	Pass
			13	20.03	2.66	22.69	<=33.00	Pass
		25	0	20.17	2.66	22.83	<=33.00	Pass
	1912.5	1	0	20.71	2.66	23.37	<=33.00	Pass
			13	20.85	2.66	23.51	<=33.00	Pass
			24	20.59	2.66	23.25	<=33.00	Pass
		12	0	19.85	2.66	22.51	<=33.00	Pass
			6	19.91	2.66	22.57	<=33.00	Pass
			13	19.94	2.66	22.60	<=33.00	Pass
		25	0	20.08	2.66	22.74	<=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	22.16	2.66	24.82	<=33.00	Pass
			25	22.12	2.66	24.78	<=33.00	Pass
			49	22.07	2.66	24.73	<=33.00	Pass
		25	0	20.98	2.66	23.64	<=33.00	Pass
			13	21.03	2.66	23.69	<=33.00	Pass
			25	21.00	2.66	23.66	<=33.00	Pass
		50	0	21.10	2.66	23.76	<=33.00	Pass
	1882.5	1	0	22.44	2.66	25.10	<=33.00	Pass
			25	22.55	2.66	25.21	<=33.00	Pass
			49	22.34	2.66	25.00	<=33.00	Pass
		25	0	21.08	2.66	23.74	<=33.00	Pass
			13	21.22	2.66	23.88	<=33.00	Pass
			25	21.24	2.66	23.90	<=33.00	Pass
		50	0	21.10	2.66	23.76	<=33.00	Pass

	1910	1	0	22.31	2.66	24.97	<=33.00	Pass		
			25	22.48	2.66	25.14	<=33.00	Pass		
			49	22.12	2.66	24.78	<=33.00	Pass		
		25	0	21.09	2.66	23.75	<=33.00	Pass		
			13	21.10	2.66	23.76	<=33.00	Pass		
			25	21.01	2.66	23.67	<=33.00	Pass		
		50	0	21.05	2.66	23.71	<=33.00	Pass		
		16QAM	1855	1	0	20.70	2.66	23.36	<=33.00	Pass
					25	21.01	2.66	23.67	<=33.00	Pass
49	20.92				2.66	23.58	<=33.00	Pass		
25	0			19.59	2.66	22.25	<=33.00	Pass		
	13			19.89	2.66	22.55	<=33.00	Pass		
	25			20.05	2.66	22.71	<=33.00	Pass		
50	0			20.06	2.66	22.72	<=33.00	Pass		
1882.5	1			0	20.83	2.66	23.49	<=33.00	Pass	
				25	21.21	2.66	23.87	<=33.00	Pass	
			49	20.69	2.66	23.35	<=33.00	Pass		
	25		0	19.94	2.66	22.60	<=33.00	Pass		
			13	20.07	2.66	22.73	<=33.00	Pass		
			25	20.09	2.66	22.75	<=33.00	Pass		
	50		0	20.15	2.66	22.81	<=33.00	Pass		
	1910		1	0	20.92	2.66	23.58	<=33.00	Pass	
				25	21.06	2.66	23.72	<=33.00	Pass	
49				20.34	2.66	23.00	<=33.00	Pass		
25			0	20.15	2.66	22.81	<=33.00	Pass		
			13	20.05	2.66	22.71	<=33.00	Pass		
			25	20.06	2.66	22.72	<=33.00	Pass		
50			0	20.09	2.66	22.75	<=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	21.97	2.66	24.63	<=33.00	Pass
			38	22.07	2.66	24.73	<=33.00	Pass
			74	22.19	2.66	24.85	<=33.00	Pass
		36	0	20.98	2.66	23.64	<=33.00	Pass
			18	21.01	2.66	23.67	<=33.00	Pass
			39	21.03	2.66	23.69	<=33.00	Pass
		75	0	20.94	2.66	23.60	<=33.00	Pass
	1882.5	1	0	22.29	2.66	24.95	<=33.00	Pass
			38	22.44	2.66	25.10	<=33.00	Pass
			74	22.28	2.66	24.94	<=33.00	Pass
		36	0	21.01	2.66	23.67	<=33.00	Pass
			18	21.01	2.66	23.67	<=33.00	Pass
			39	21.13	2.66	23.79	<=33.00	Pass
		75	0	21.04	2.66	23.70	<=33.00	Pass
	1907.5	1	0	22.36	2.66	25.02	<=33.00	Pass
			38	22.37	2.66	25.03	<=33.00	Pass
			74	22.10	2.66	24.76	<=33.00	Pass
		36	0	21.16	2.66	23.82	<=33.00	Pass
			18	21.11	2.66	23.77	<=33.00	Pass
			39	21.06	2.66	23.72	<=33.00	Pass
		75	0	21.07	2.66	23.73	<=33.00	Pass
16QAM	1857.5	1	0	20.63	2.66	23.29	<=33.00	Pass

			38	20.67	2.66	23.33	<=33.00	Pass
			74	20.69	2.66	23.35	<=33.00	Pass
		36	0	19.90	2.66	22.56	<=33.00	Pass
			18	19.94	2.66	22.60	<=33.00	Pass
			39	20.08	2.66	22.74	<=33.00	Pass
		75	0	19.98	2.66	22.64	<=33.00	Pass
		1882.5	1	0	20.76	2.66	23.42	<=33.00
	38			20.99	2.66	23.65	<=33.00	Pass
	74			20.83	2.66	23.49	<=33.00	Pass
	36		0	20.06	2.66	22.72	<=33.00	Pass
			18	20.04	2.66	22.70	<=33.00	Pass
			39	20.07	2.66	22.73	<=33.00	Pass
	75		0	20.08	2.66	22.74	<=33.00	Pass
	1907.5	1	0	20.95	2.66	23.61	<=33.00	Pass
			38	20.79	2.66	23.45	<=33.00	Pass
			74	20.34	2.66	23.00	<=33.00	Pass
		36	0	20.07	2.66	22.73	<=33.00	Pass
			18	20.08	2.66	22.74	<=33.00	Pass
			39	20.00	2.66	22.66	<=33.00	Pass
		75	0	20.12	2.66	22.78	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	21.91	2.66	24.57	<=33.00	Pass	
			50	22.13	2.66	24.79	<=33.00	Pass	
			99	22.13	2.66	24.79	<=33.00	Pass	
		50	0	20.95	2.66	23.61	<=33.00	Pass	
			25	21.08	2.66	23.74	<=33.00	Pass	
			50	21.13	2.66	23.79	<=33.00	Pass	
		100	0	21.05	2.66	23.71	<=33.00	Pass	
		50	22.55	2.66	25.21	<=33.00	Pass		
		99	22.25	2.66	24.91	<=33.00	Pass		
	50	0	21.03	2.66	23.69	<=33.00	Pass		
		25	21.10	2.66	23.76	<=33.00	Pass		
		50	21.11	2.66	23.77	<=33.00	Pass		
	100	0	21.02	2.66	23.68	<=33.00	Pass		
	50	22.53	2.66	25.19	<=33.00	Pass			
	99	22.14	2.66	24.80	<=33.00	Pass			
	50	0	21.14	2.66	23.80	<=33.00	Pass		
		25	21.12	2.66	23.78	<=33.00	Pass		
		50	21.08	2.66	23.74	<=33.00	Pass		
	100	0	21.13	2.66	23.79	<=33.00	Pass		
	16QAM	1860	1	0	20.45	2.66	23.11	<=33.00	Pass
				50	21.43	2.66	24.09	<=33.00	Pass
99				20.78	2.66	23.44	<=33.00	Pass	
50			0	19.88	2.66	22.54	<=33.00	Pass	
			25	20.17	2.66	22.83	<=33.00	Pass	
			50	20.18	2.66	22.84	<=33.00	Pass	
100			0	19.99	2.66	22.65	<=33.00	Pass	
50		20.95	2.66	23.61	<=33.00	Pass			

		50	99	20.72	2.66	23.38	<=33.00	Pass
			0	20.09	2.66	22.75	<=33.00	Pass
			25	20.16	2.66	22.82	<=33.00	Pass
			50	20.17	2.66	22.83	<=33.00	Pass
		100	0	20.15	2.66	22.81	<=33.00	Pass
	1905	1	0	20.91	2.66	23.57	<=33.00	Pass
			50	20.90	2.66	23.56	<=33.00	Pass
			99	20.70	2.66	23.36	<=33.00	Pass
		50	0	20.12	2.66	22.78	<=33.00	Pass
			25	20.17	2.66	22.83	<=33.00	Pass
			50	20.05	2.66	22.71	<=33.00	Pass
		100	0	20.18	2.66	22.84	<=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	3.5	2.400	0.0013	-2.5 to 2.5	Pass
					3.87	2.100	0.0011	-2.5 to 2.5	Pass
					4.4	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.87	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.87	2.600	0.0014	-2.5 to 2.5	Pass
				-10	3.87	3.700	0.0020	-2.5 to 2.5	Pass
				0	3.87	1.900	0.0010	-2.5 to 2.5	Pass
				10	3.87	3.600	0.0019	-2.5 to 2.5	Pass
				30	3.87	2.200	0.0012	-2.5 to 2.5	Pass
				40	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				50	3.87	1.600	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band25_OBW

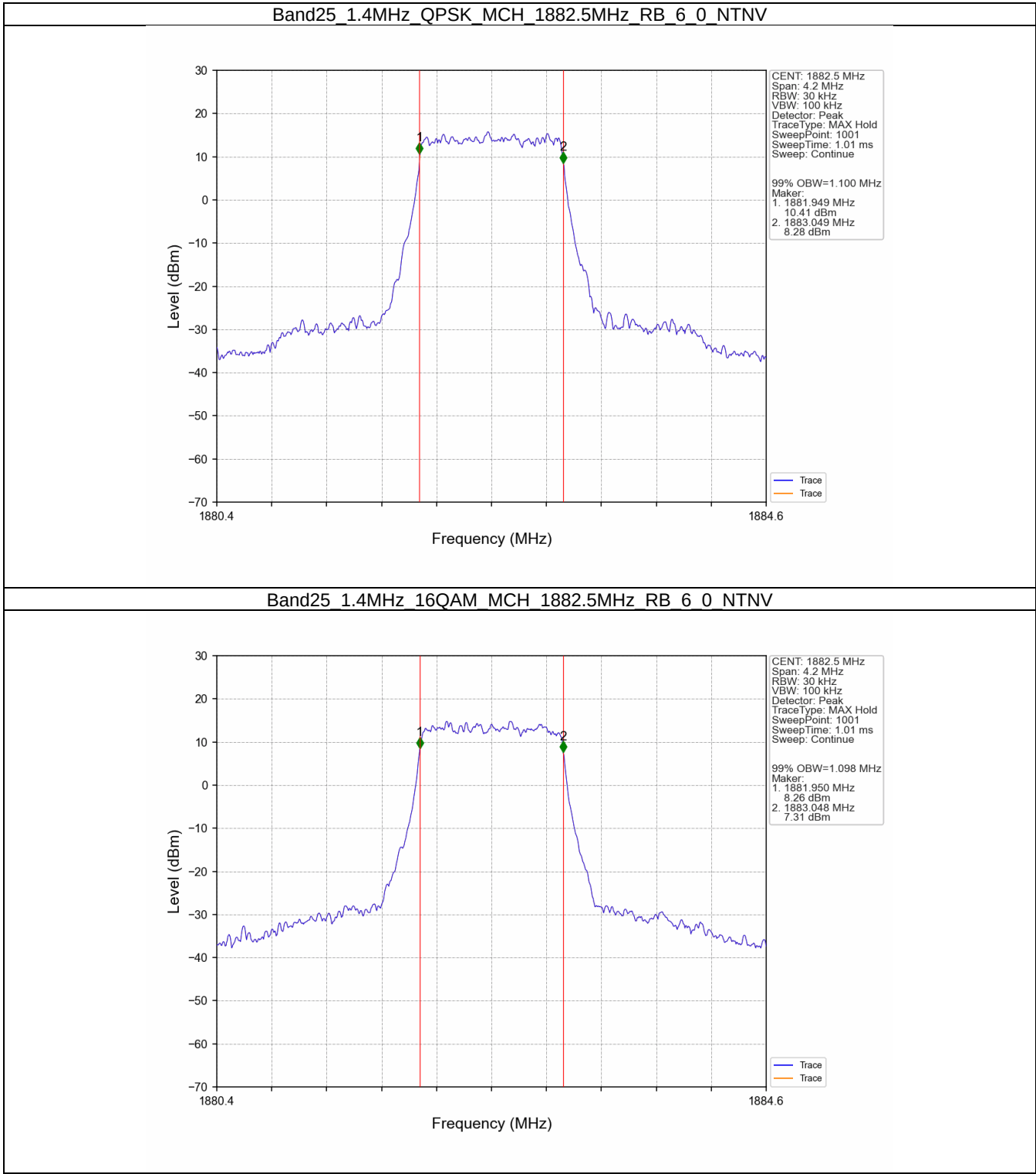
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.100	/	Pass
	16QAM	1882.5	6	0	1.098	/	Pass
3	QPSK	1882.5	15	0	2.730	/	Pass
	16QAM	1882.5	15	0	2.723	/	Pass
5	QPSK	1882.5	25	0	4.501	/	Pass
	16QAM	1882.5	25	0	4.501	/	Pass
10	QPSK	1882.5	50	0	8.981	/	Pass
	16QAM	1882.5	50	0	8.967	/	Pass
15	QPSK	1882.5	75	0	13.465	/	Pass
	16QAM	1882.5	75	0	13.423	/	Pass
20	QPSK	1882.5	100	0	17.993	/	Pass
	16QAM	1882.5	100	0	17.923	/	Pass

3.1.2 Band25_XDB

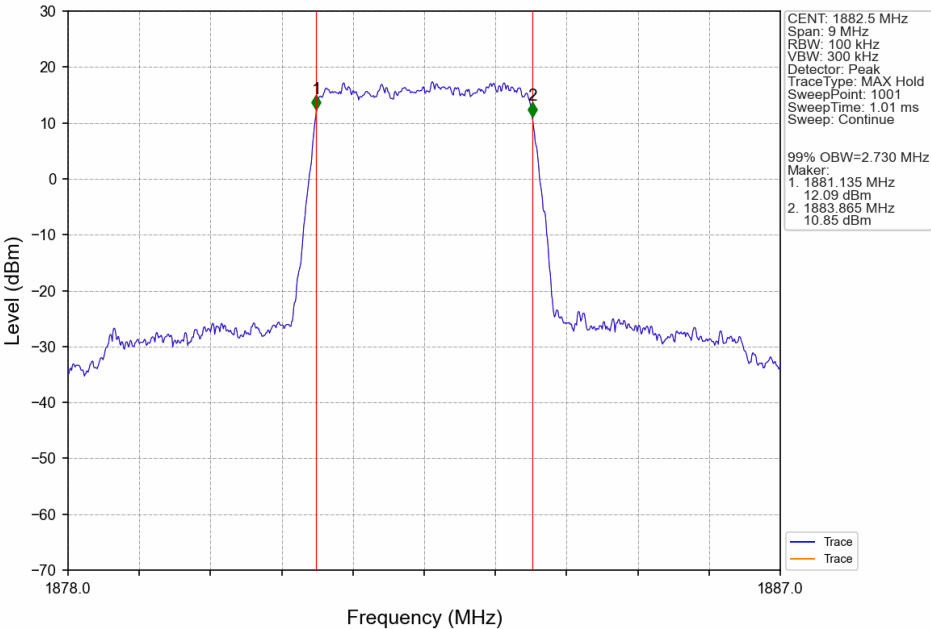
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1882.5	6	0	1.309	/	Pass
	16QAM	1882.5	6	0	1.291	/	Pass
3	QPSK	1882.5	15	0	3.067	/	Pass
	16QAM	1882.5	15	0	3.061	/	Pass
5	QPSK	1882.5	25	0	4.984	/	Pass
	16QAM	1882.5	25	0	4.994	/	Pass
10	QPSK	1882.5	50	0	9.865	/	Pass
	16QAM	1882.5	50	0	9.804	/	Pass
15	QPSK	1882.5	75	0	14.562	/	Pass
	16QAM	1882.5	75	0	14.579	/	Pass
20	QPSK	1882.5	100	0	19.638	/	Pass
	16QAM	1882.5	100	0	19.405	/	Pass

3.2 Test Graph

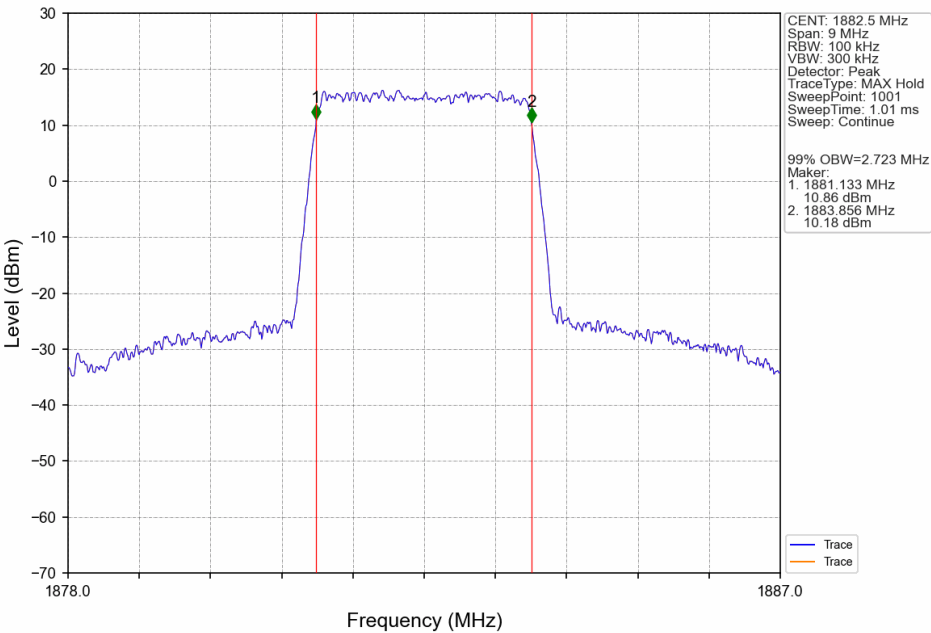
3.2.1 Band25_OBW



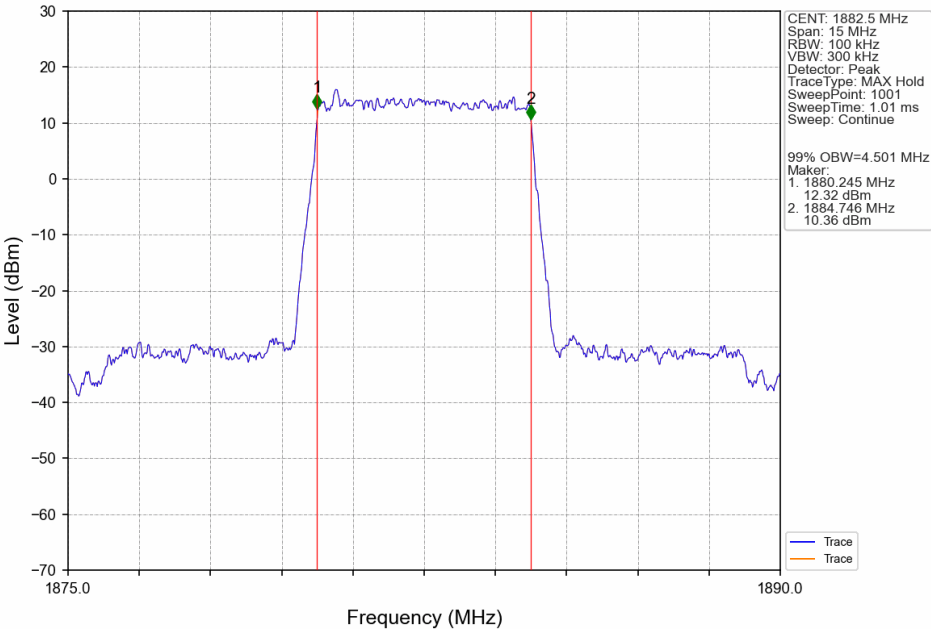
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



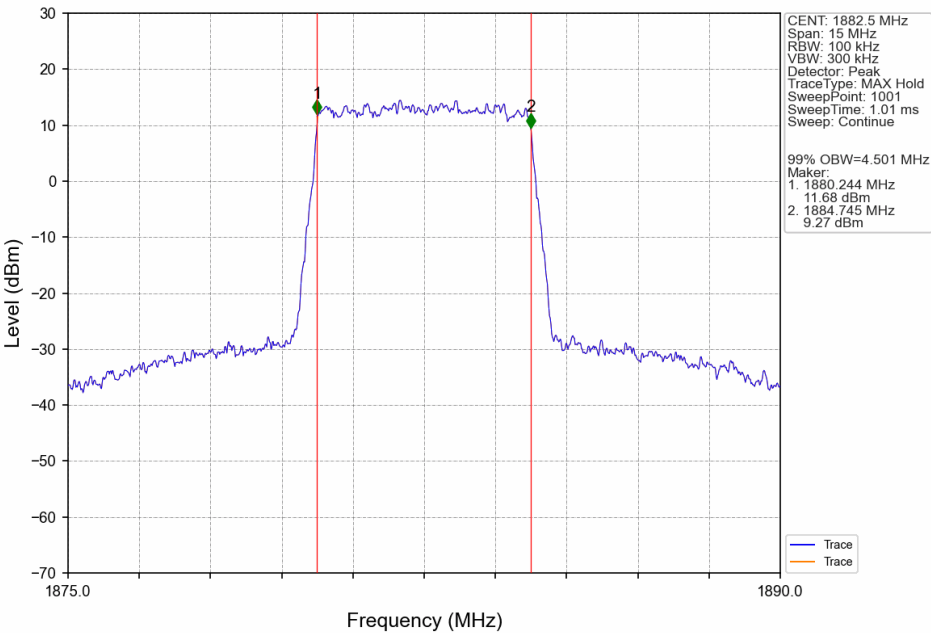
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



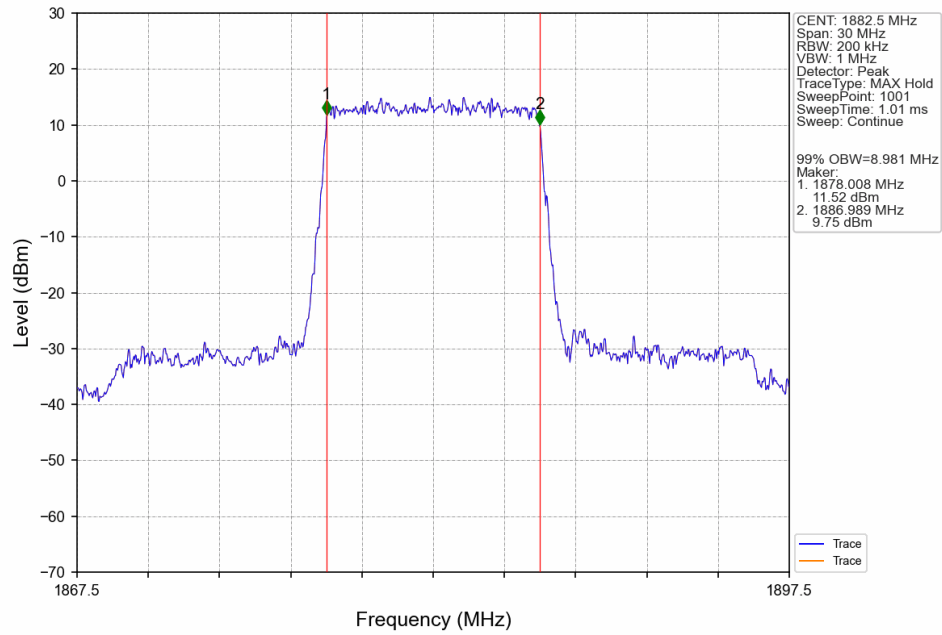
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



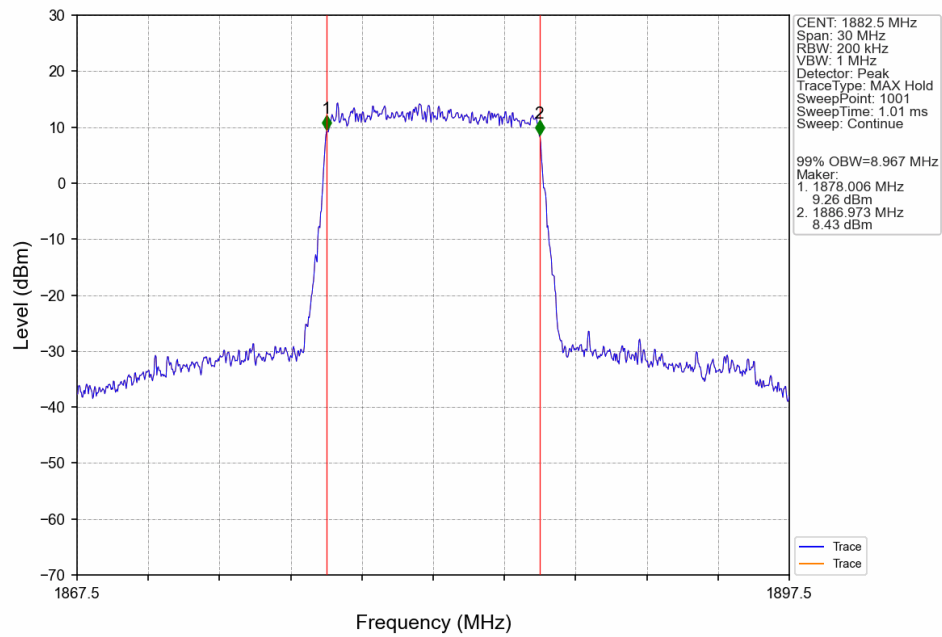
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



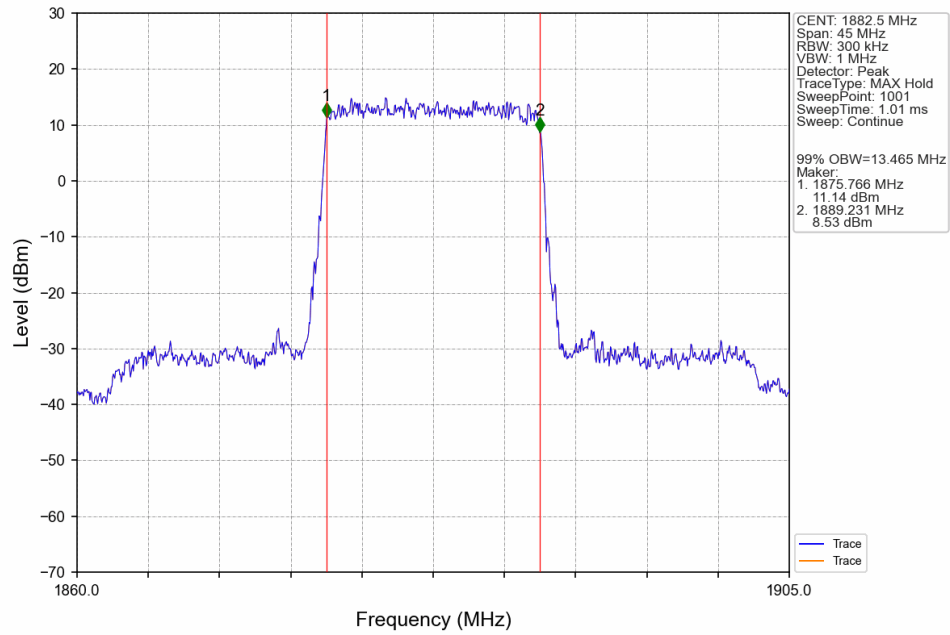
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



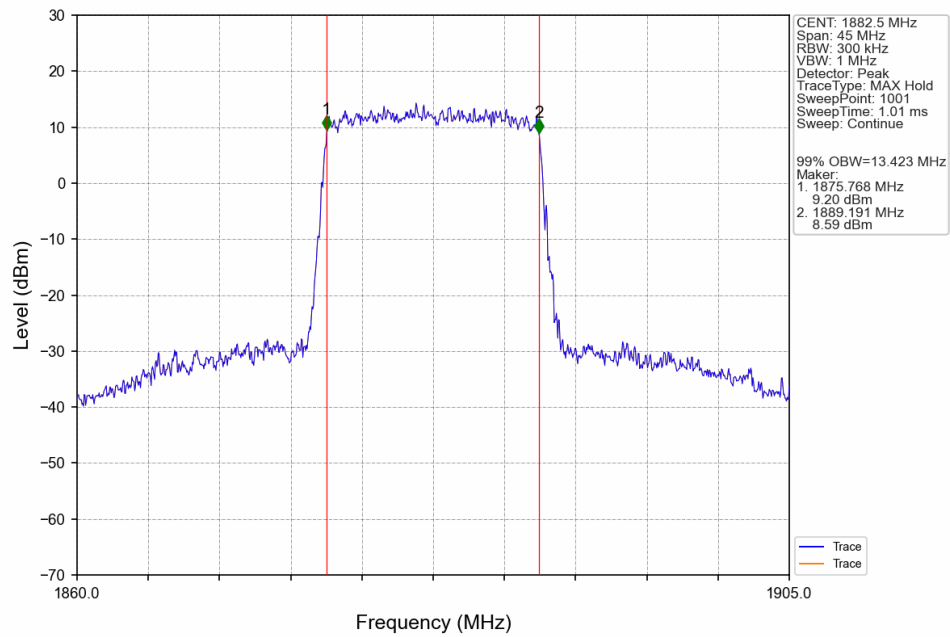
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



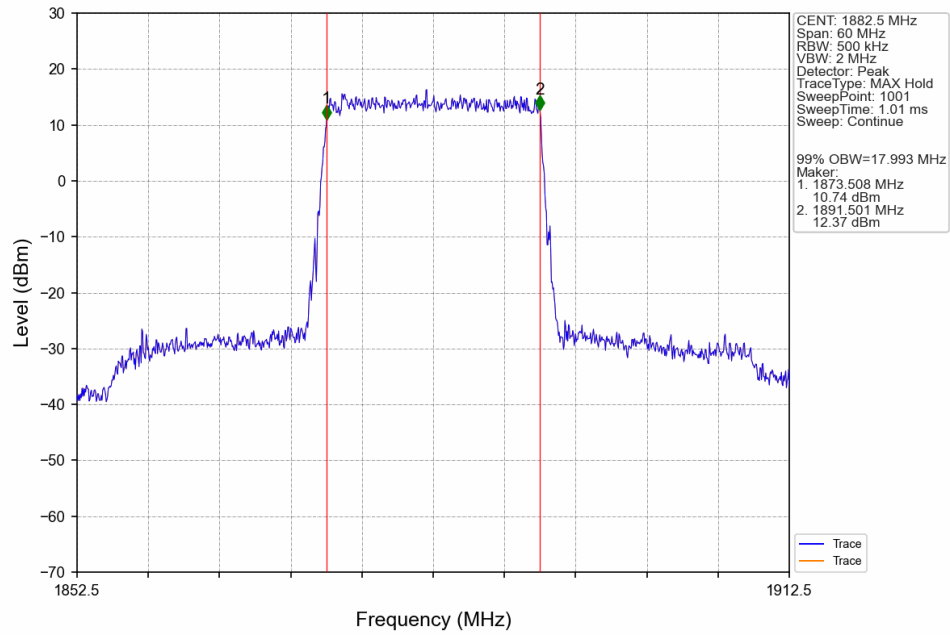
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



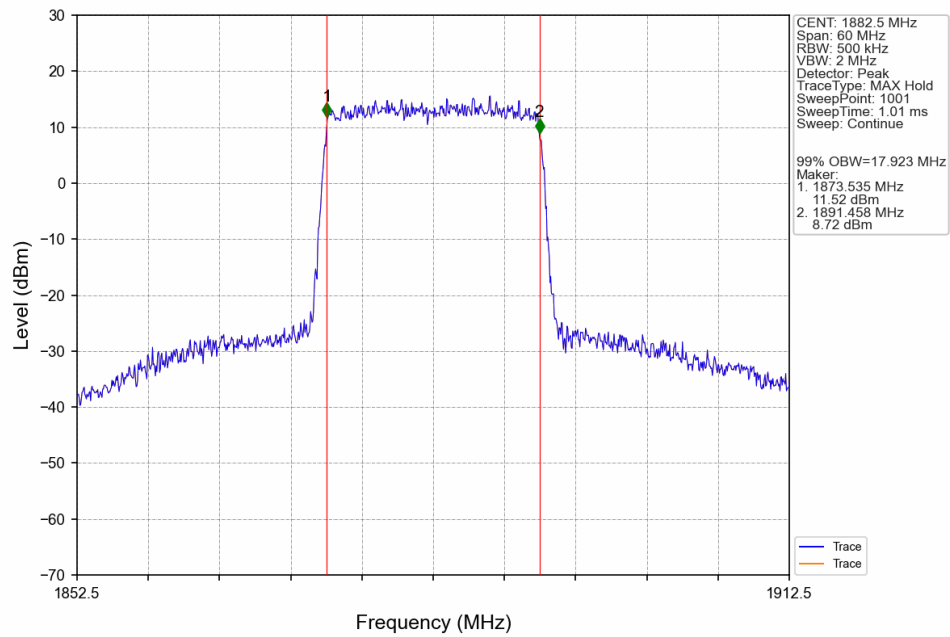
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



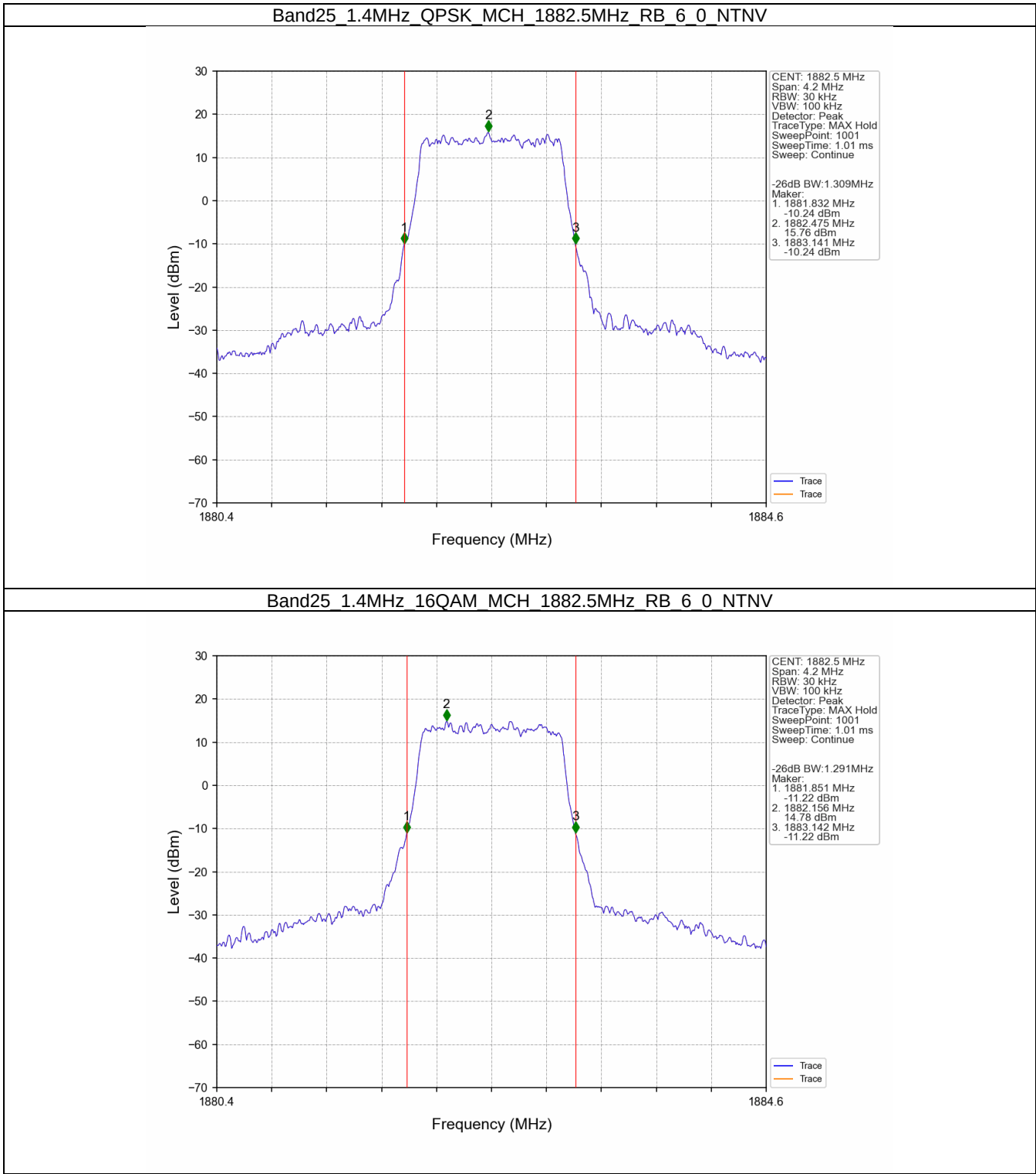
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



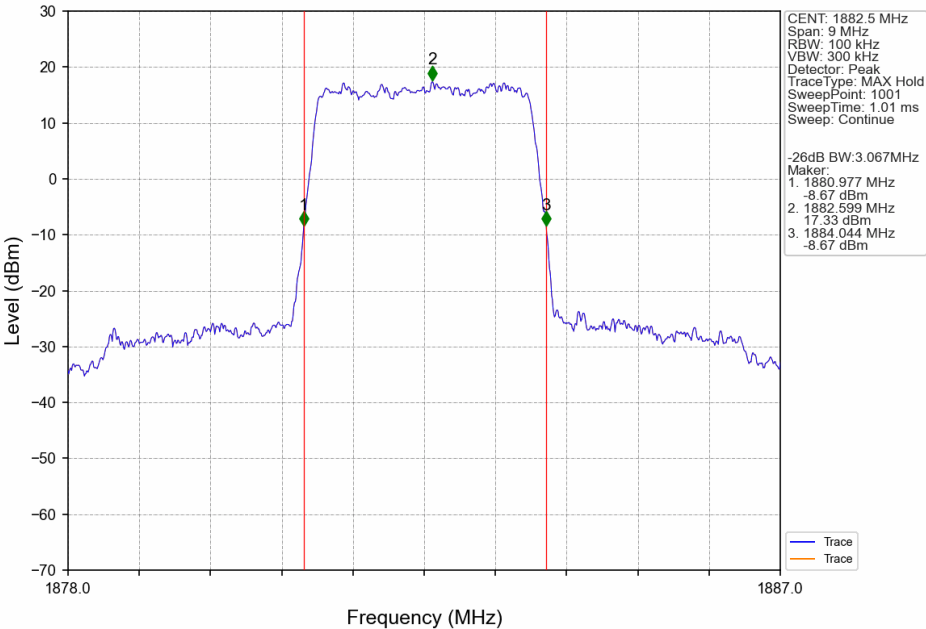
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



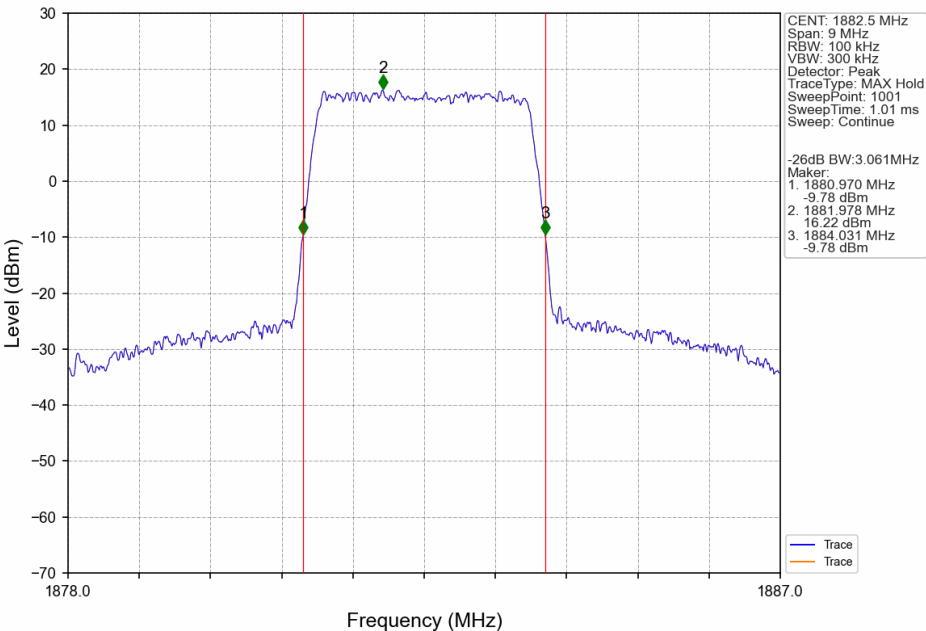
3.2.2 Band25_XDB



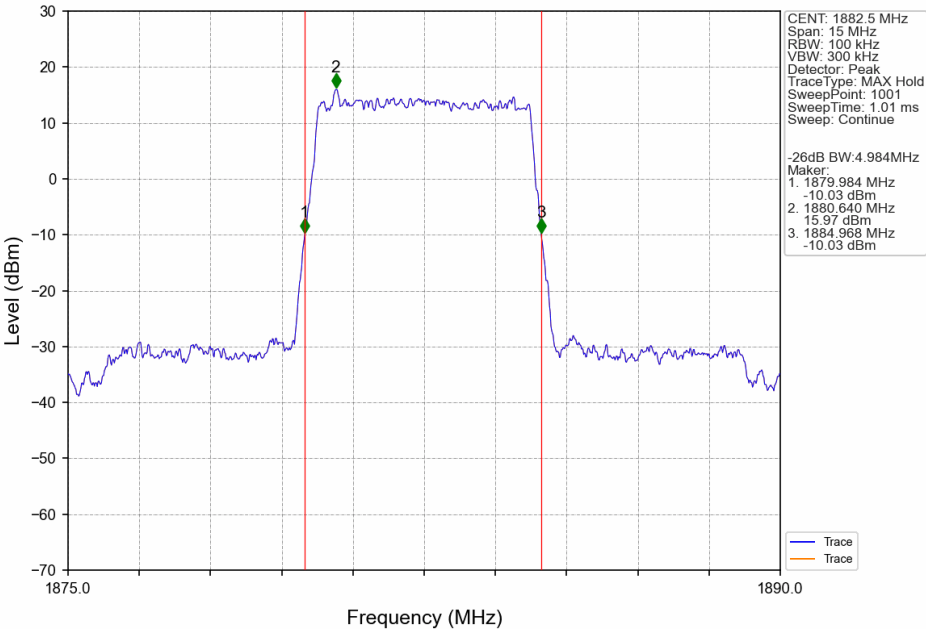
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



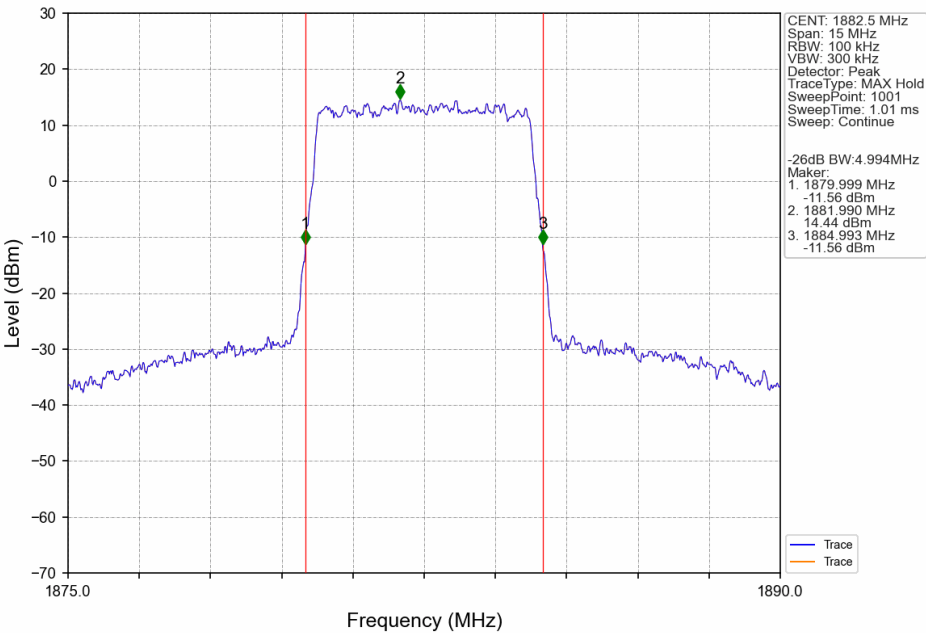
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



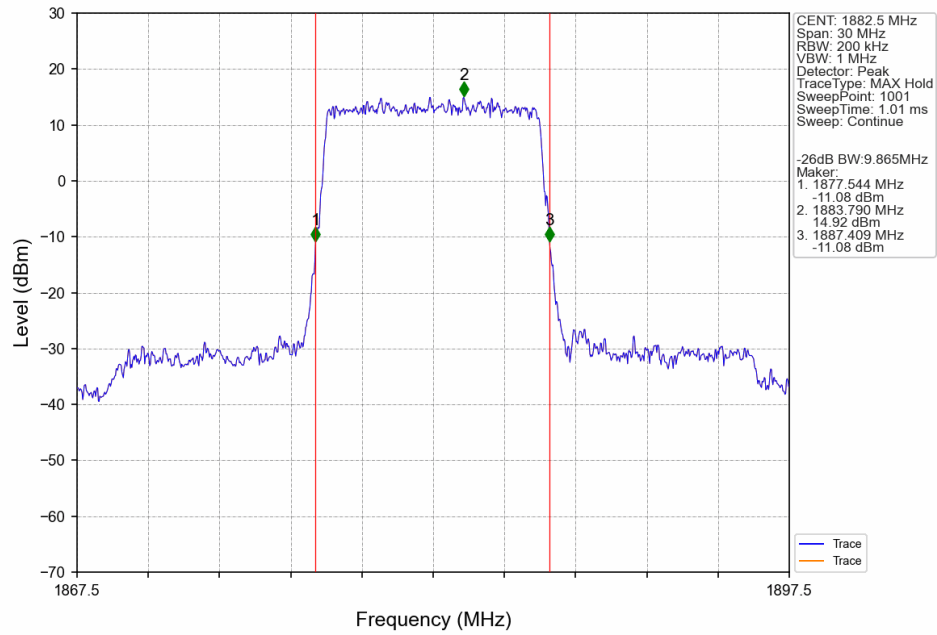
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



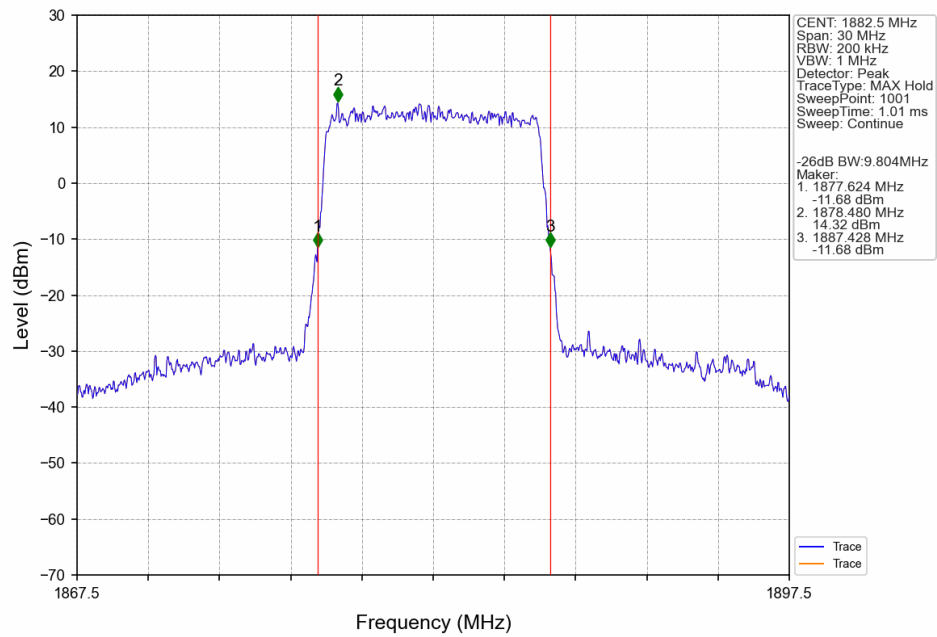
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



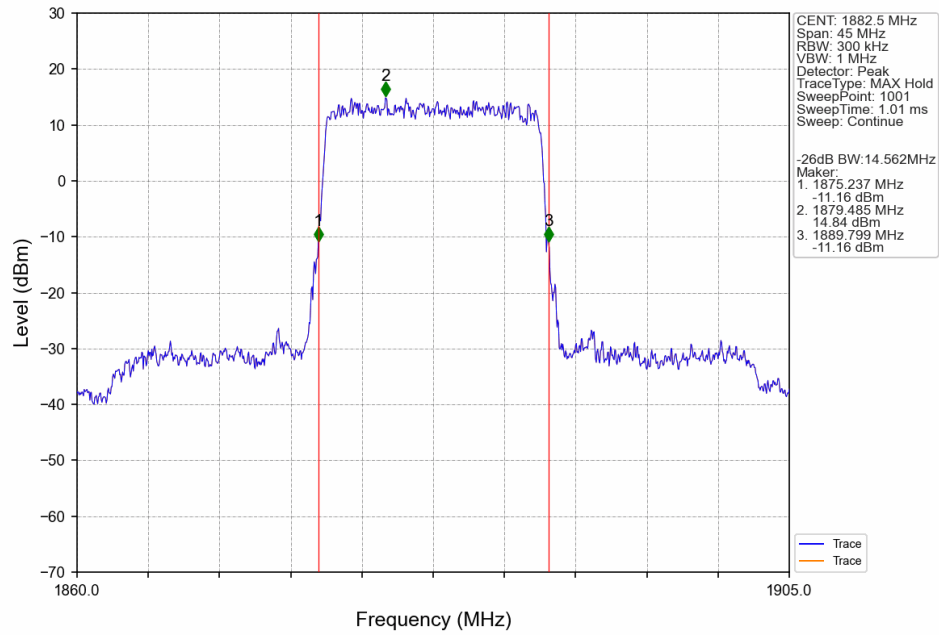
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



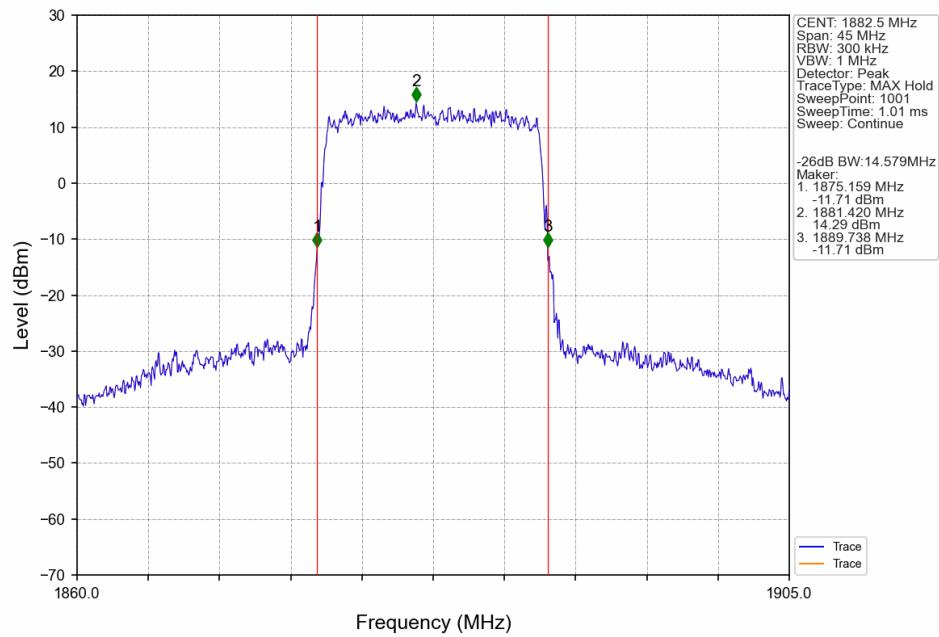
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



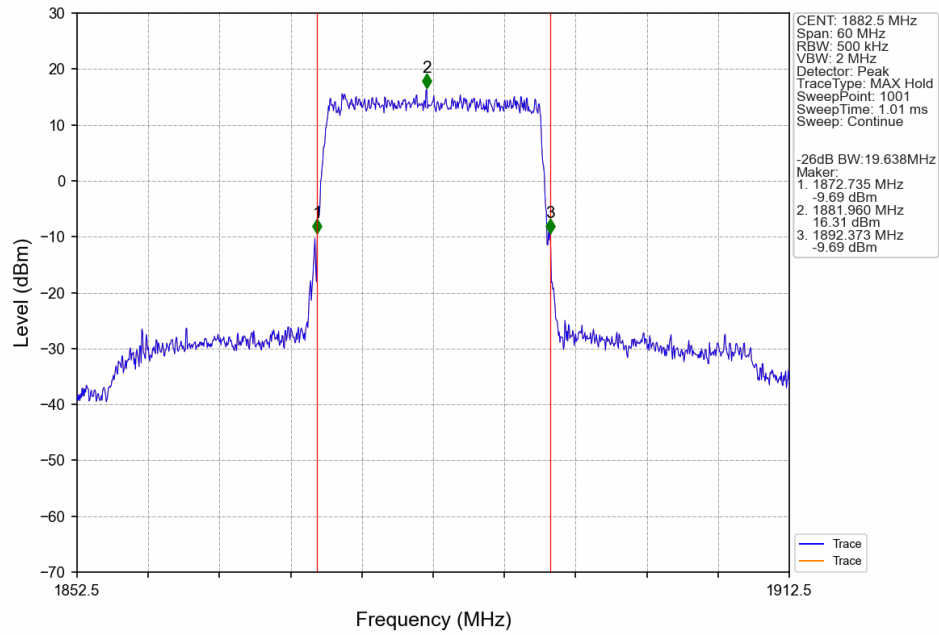
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



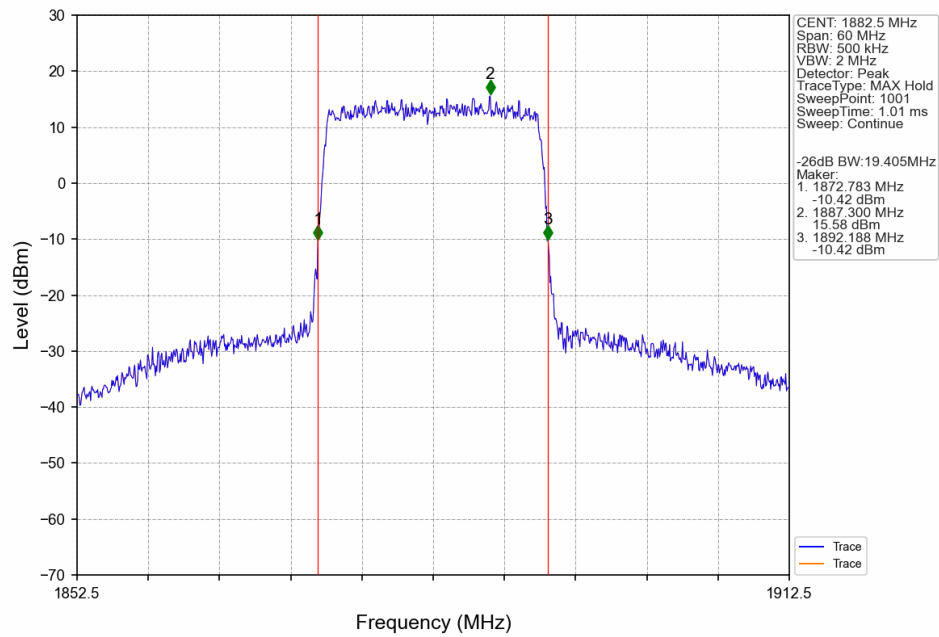
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

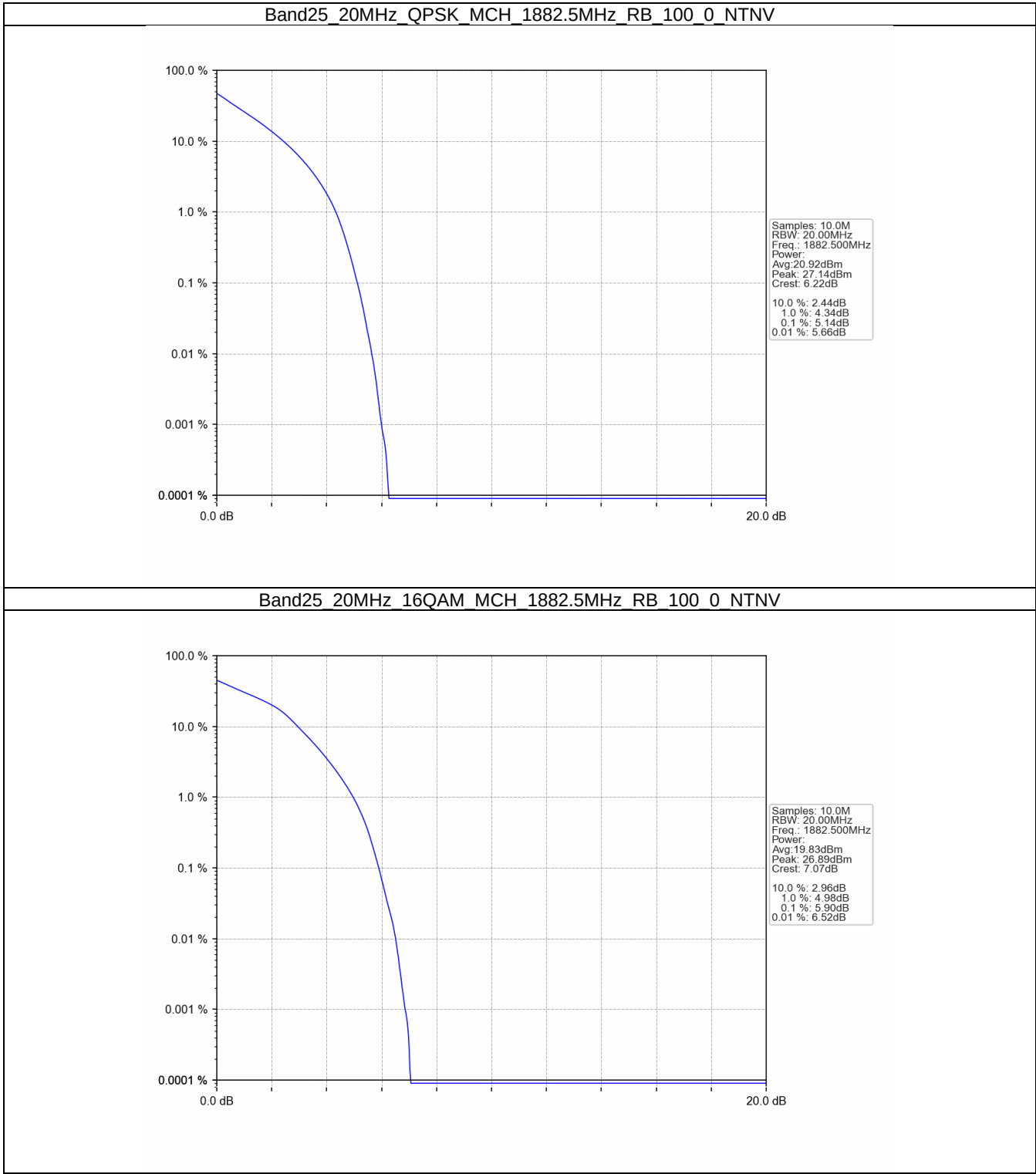
4.1 Test Result

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	5.14	<=13	Pass
16QAM	1882.5	100	0	5.90	<=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 / NTVN						
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

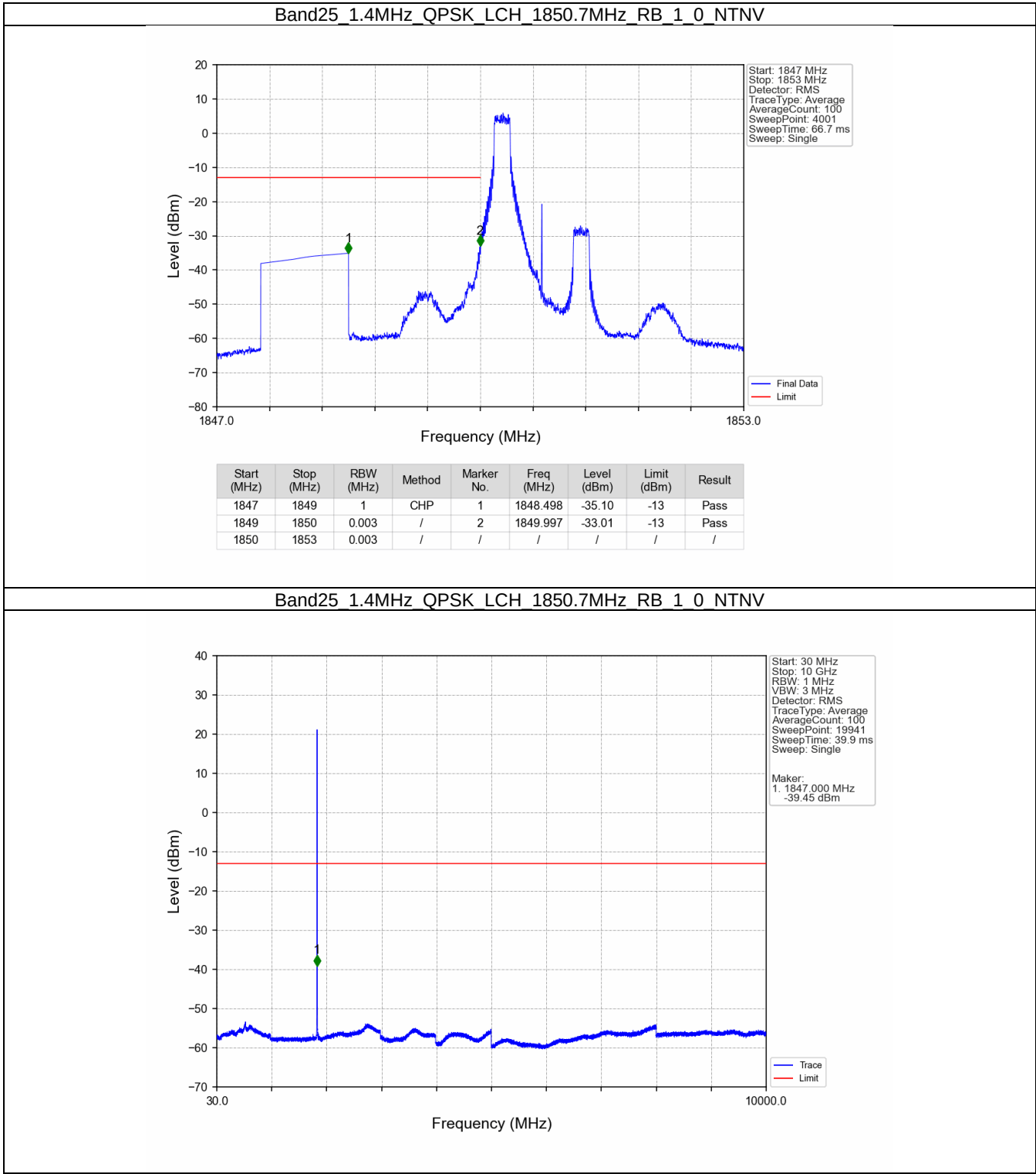
Band: 25 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer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

5.1.6 B25_20MHz

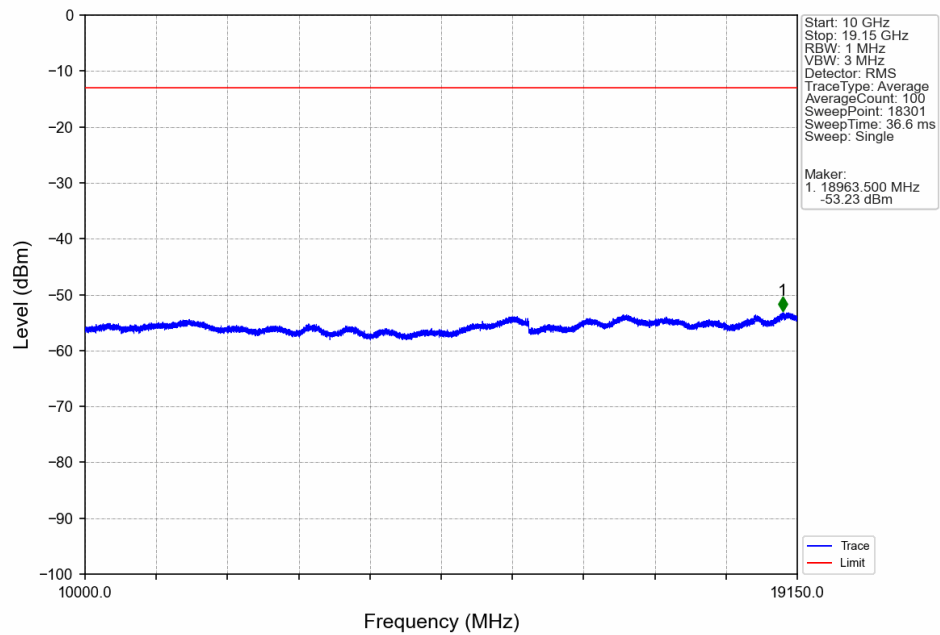
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To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

5.2 Test Graph

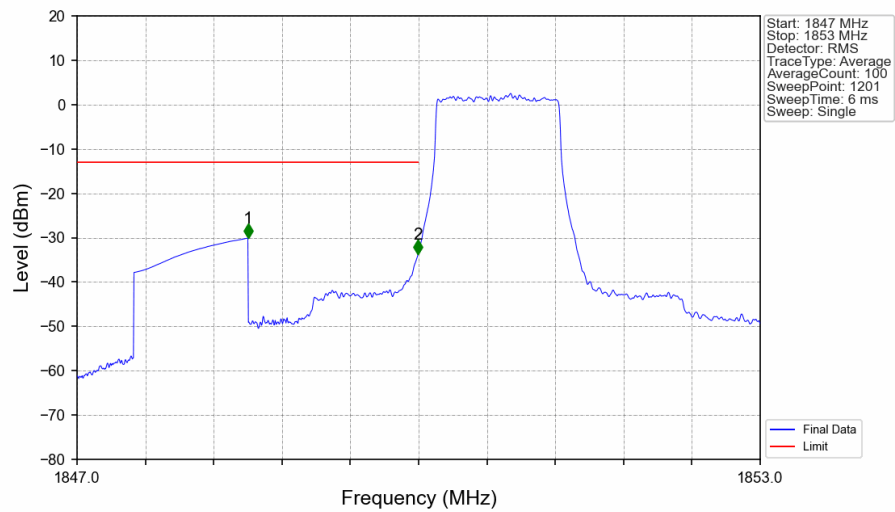
5.2.1 B25_1.4MHz



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

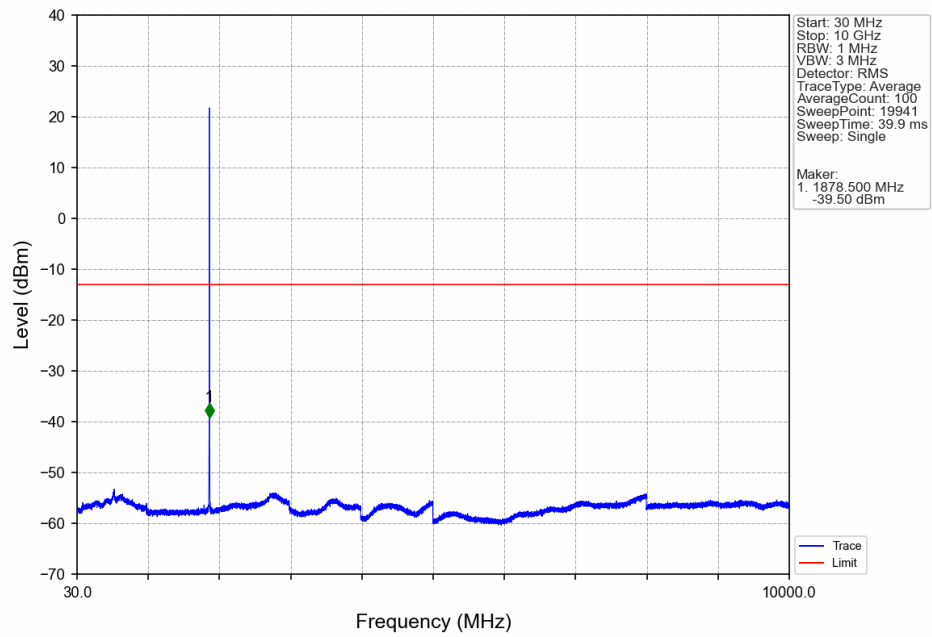


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

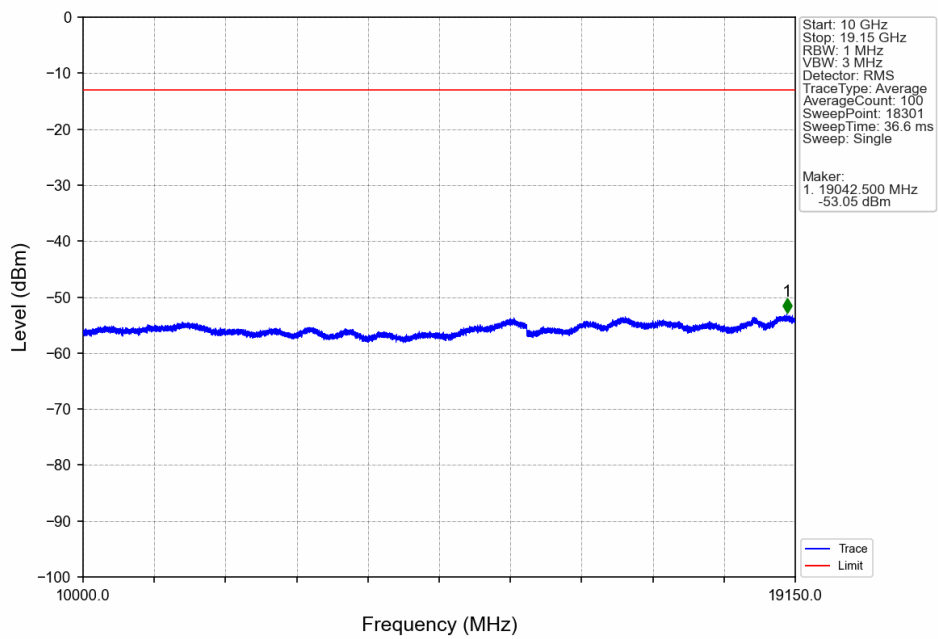


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-30.11	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-33.66	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

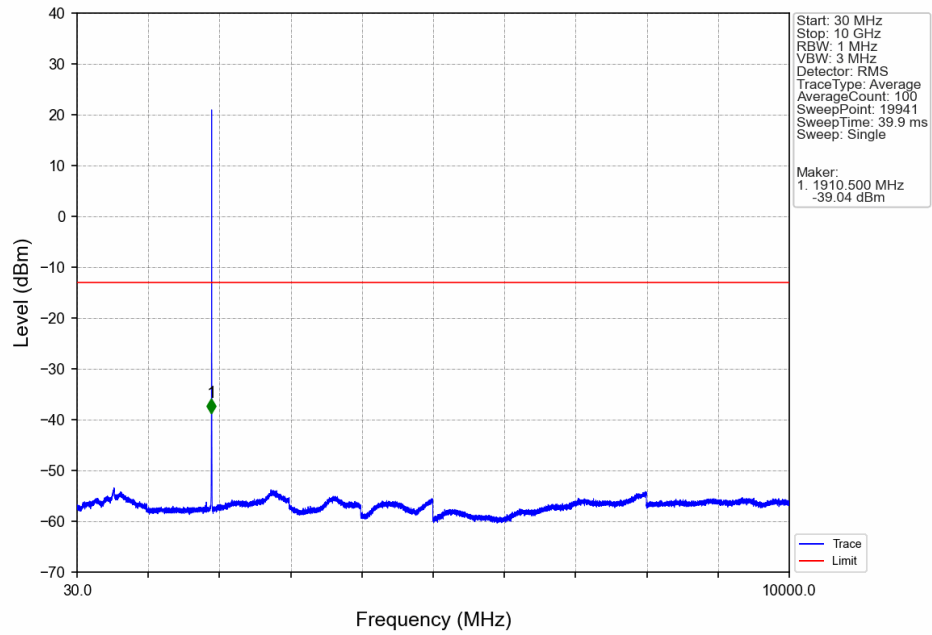
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



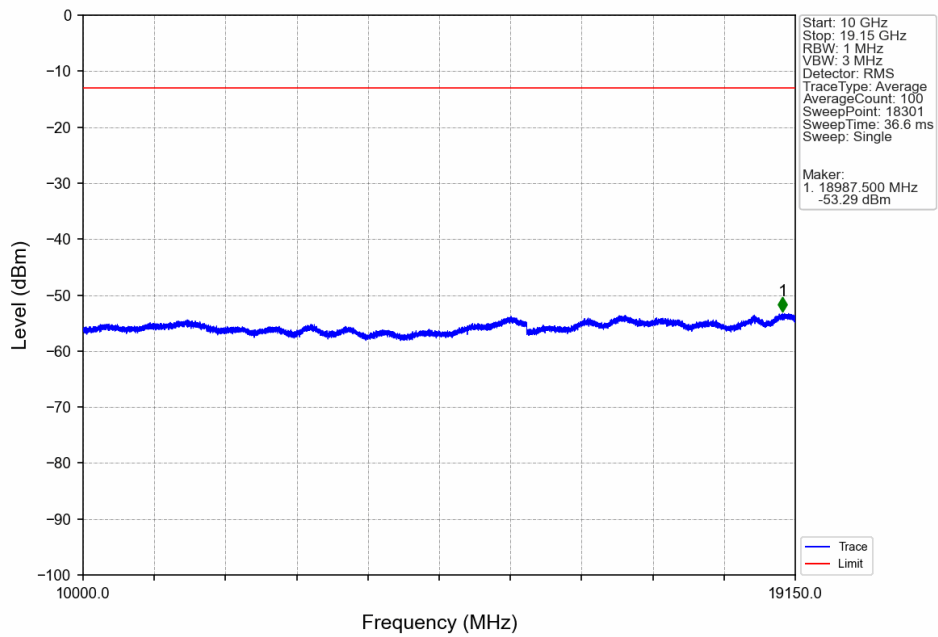
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



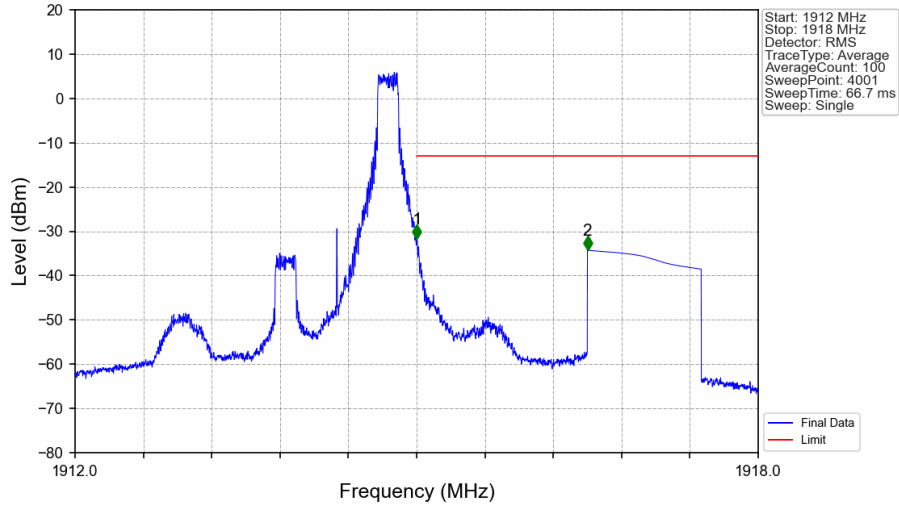
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

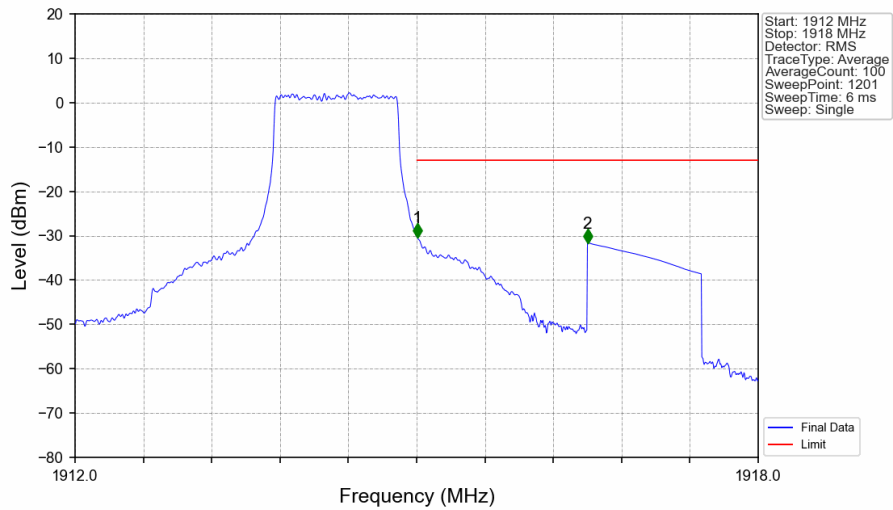


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



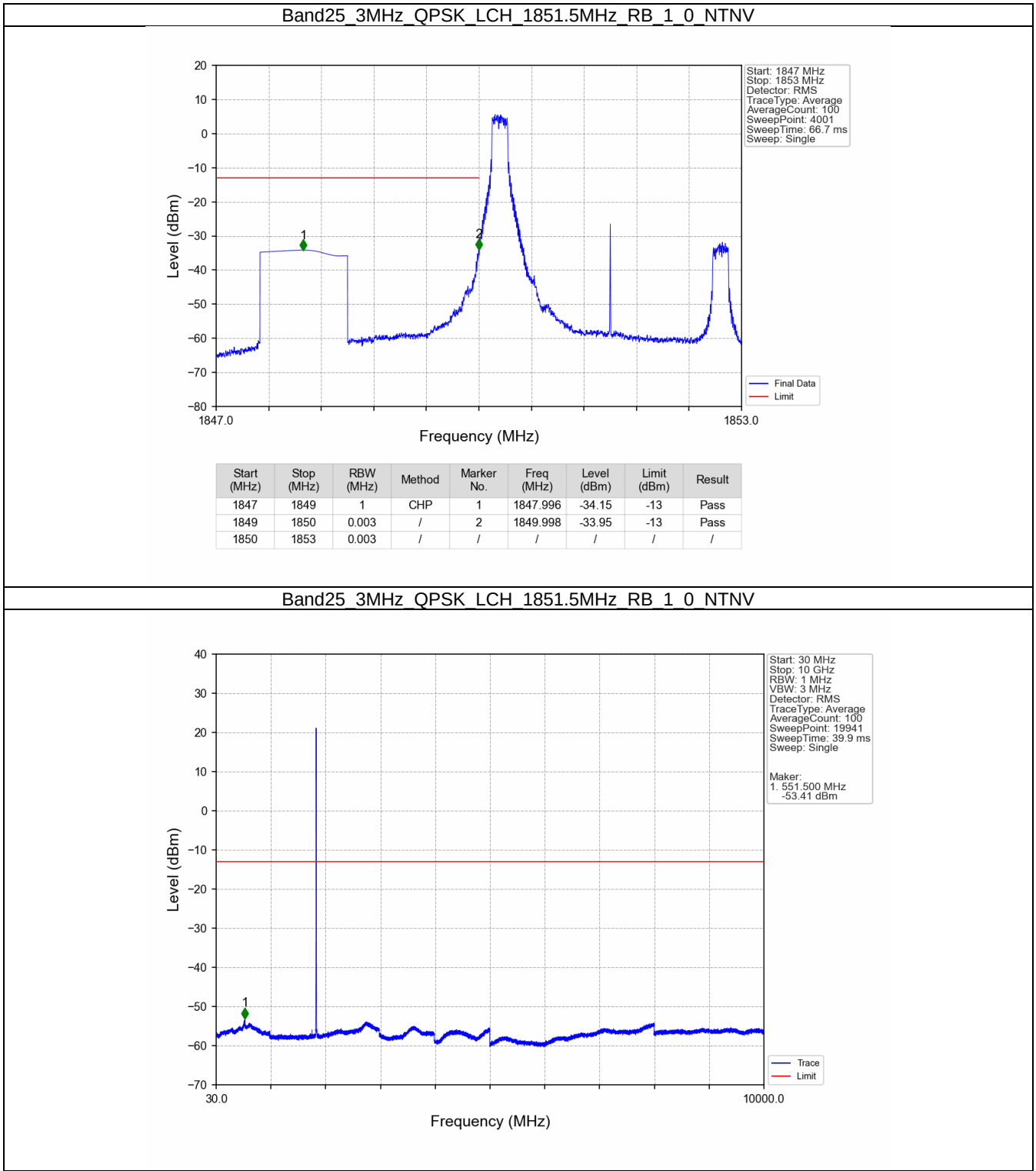
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-31.61	-13	Pass
1916	1918	1	CHP	2	1916.500	-34.29	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

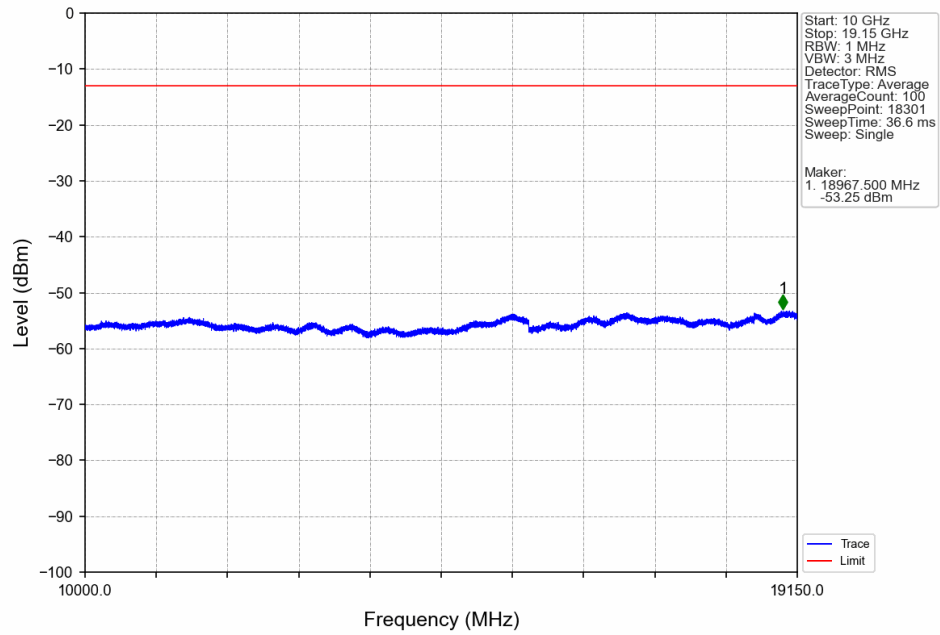


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.005	-30.33	-13	Pass
1916	1918	1	CHP	2	1916.500	-31.59	-13	Pass

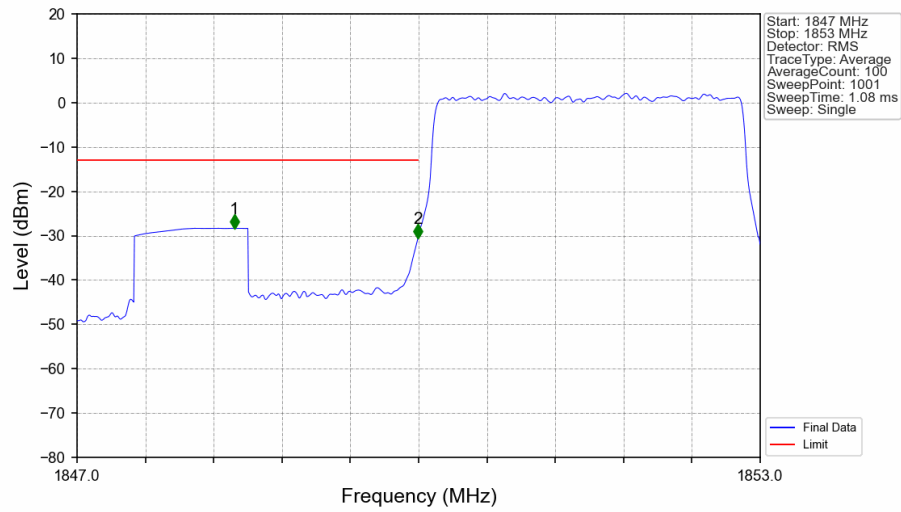
5.2.2 B25_3MHz



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

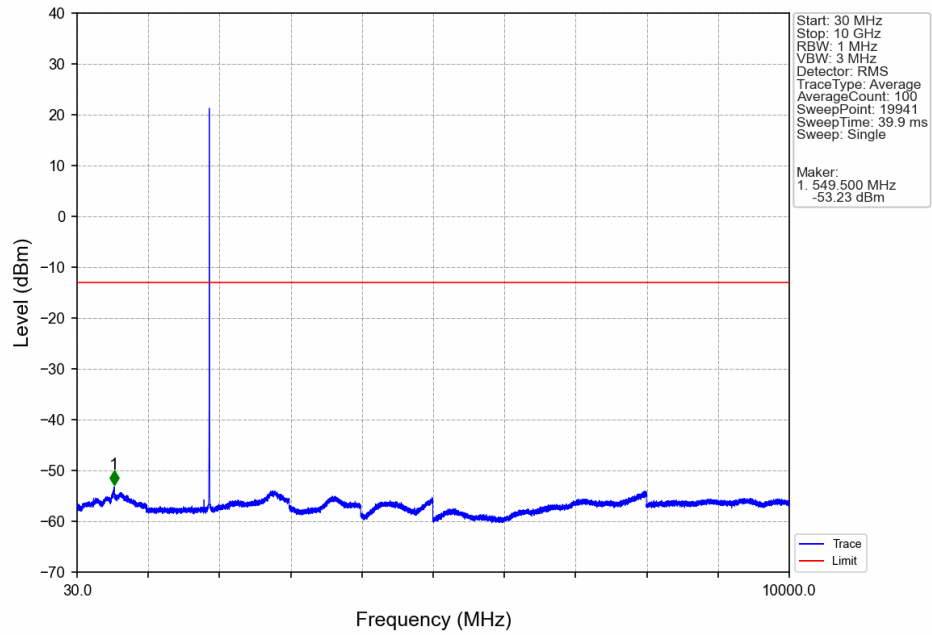


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

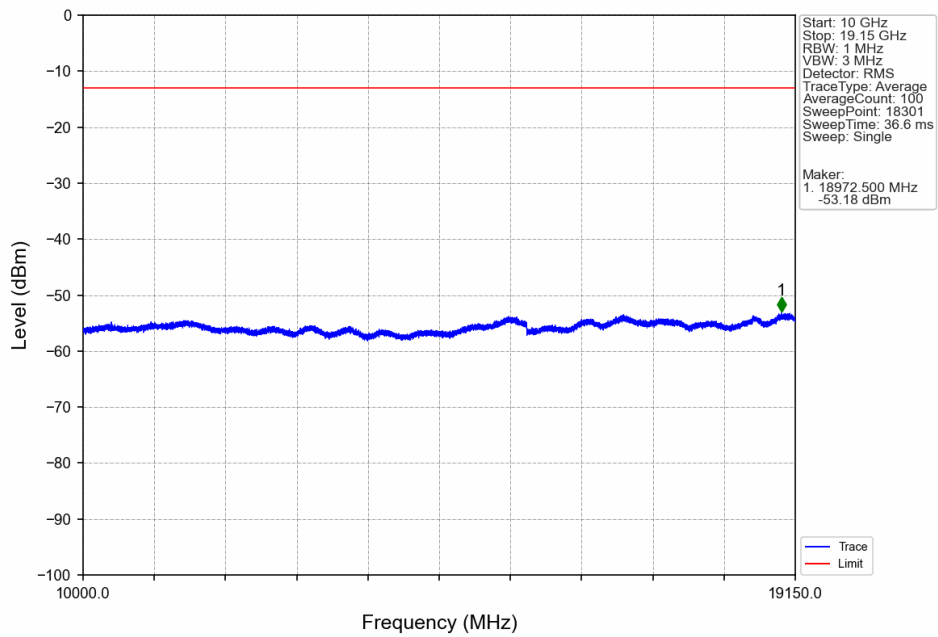


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.380	-28.34	-13	Pass
1849	1850	0.031	CHP	2	1849.994	-30.52	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

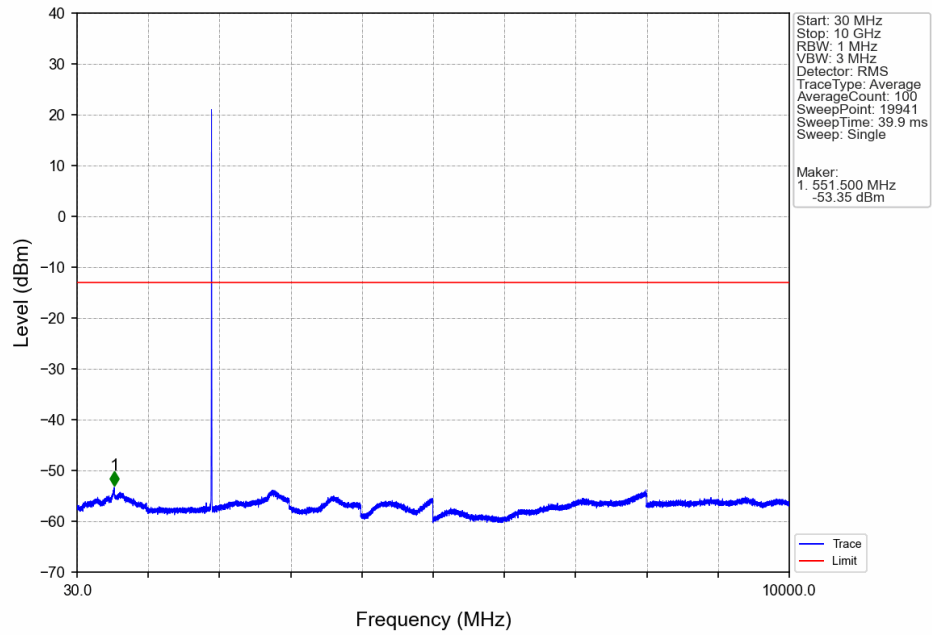
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



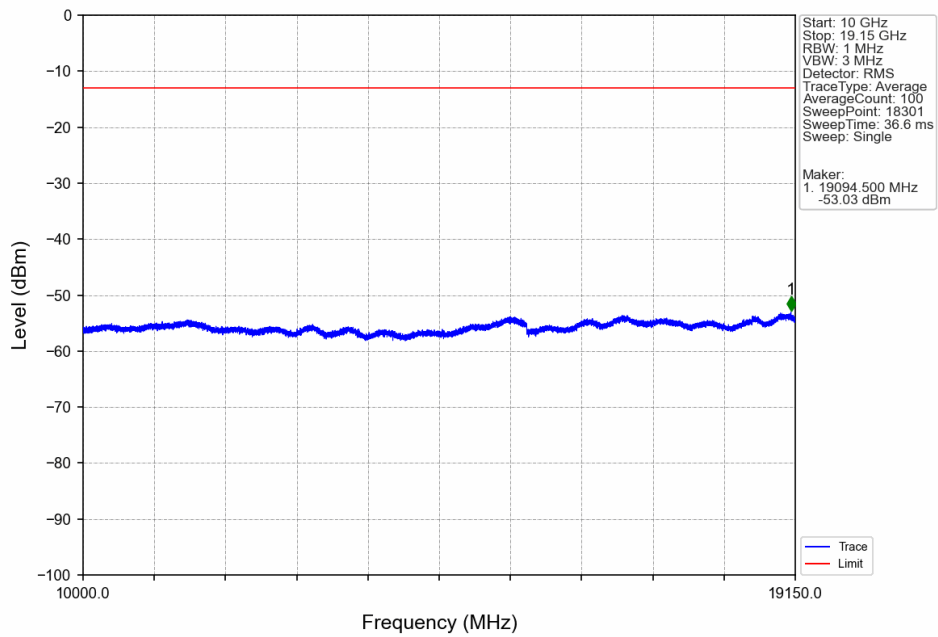
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



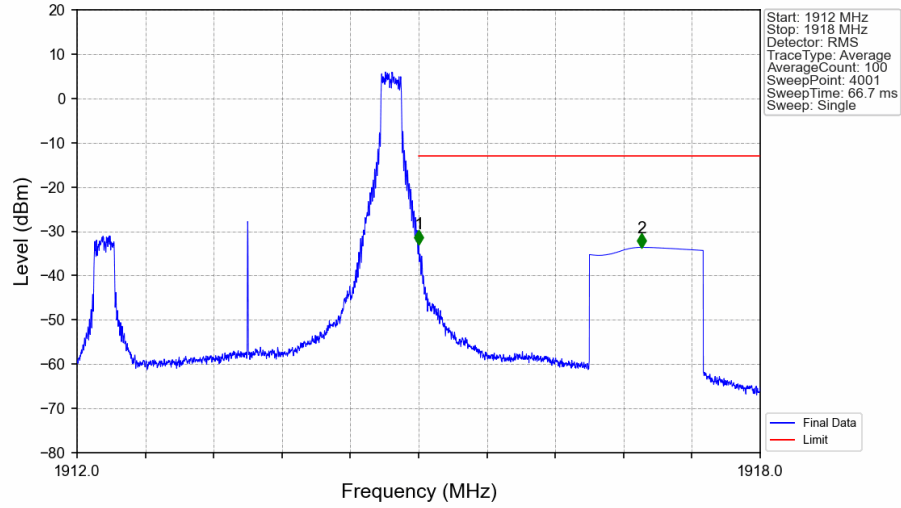
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

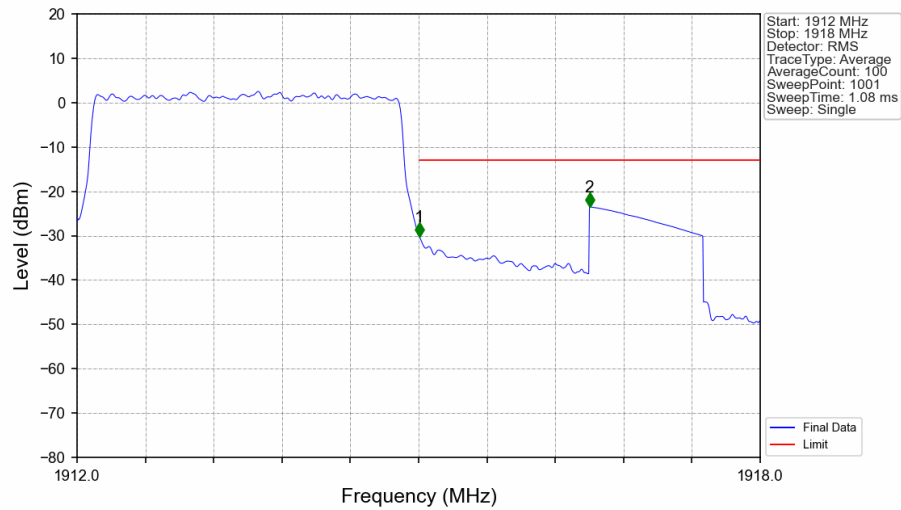


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



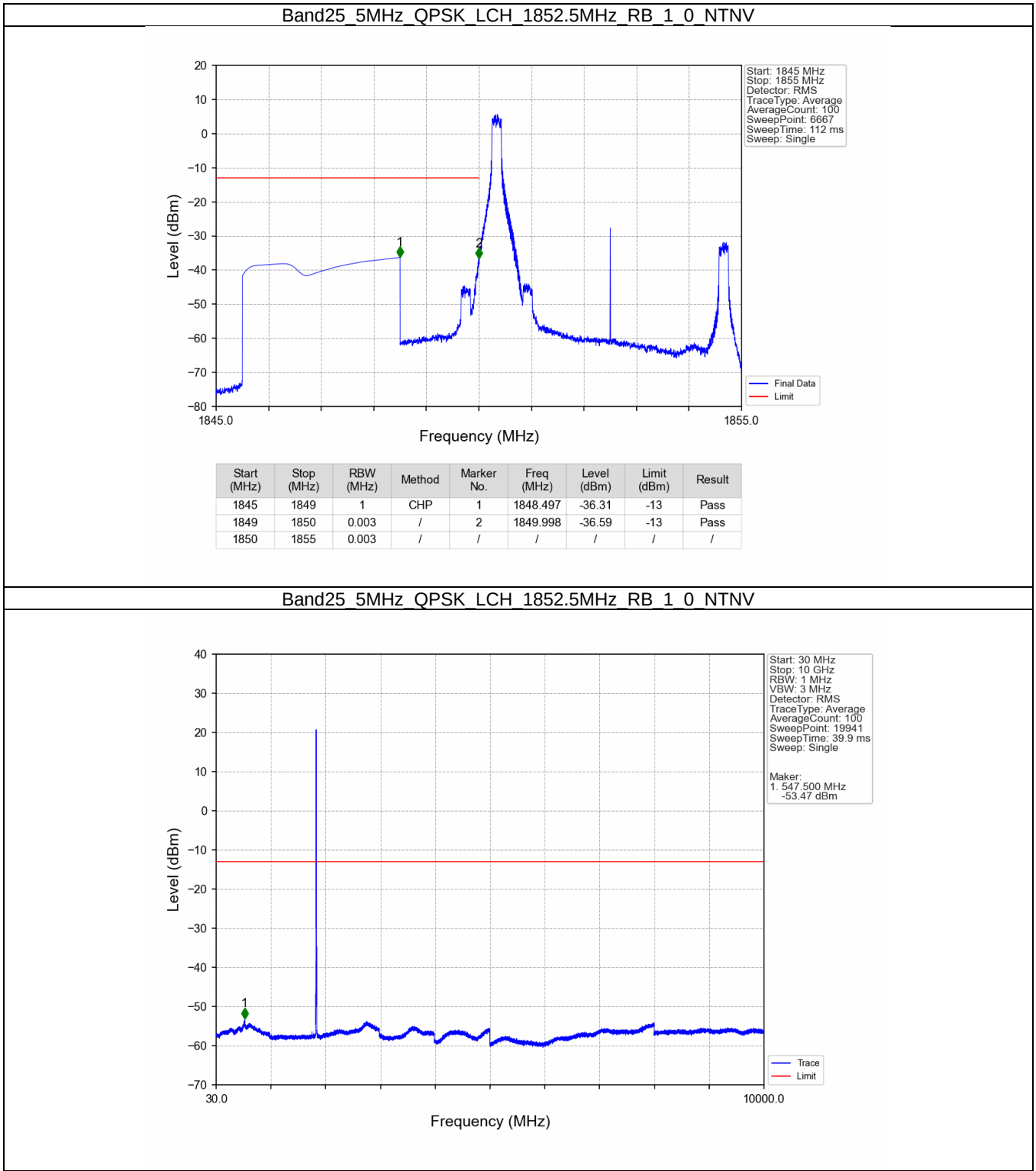
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-32.86	-13	Pass
1916	1918	1	CHP	2	1916.956	-33.62	-13	Pass

Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

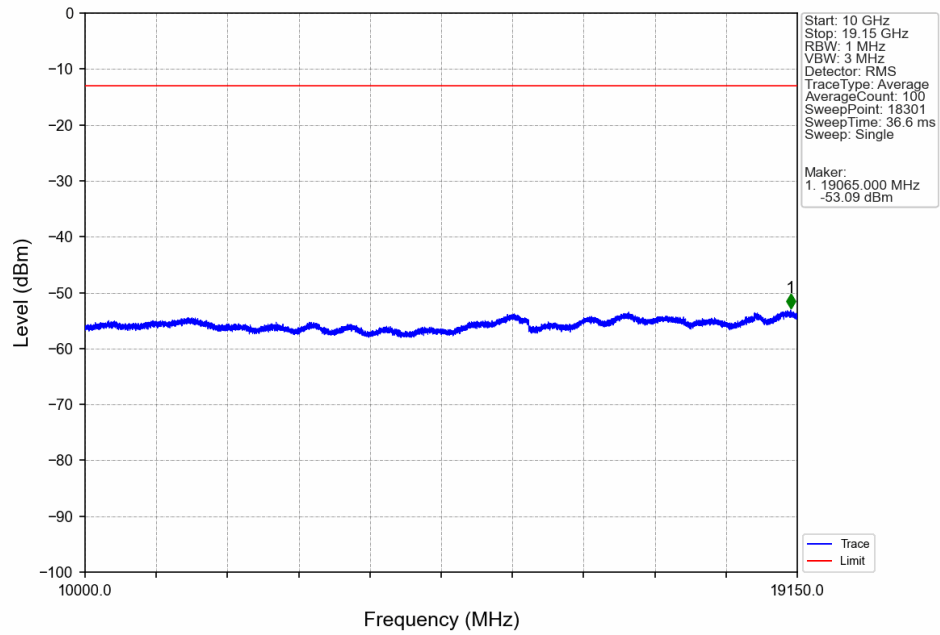


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.031	CHP	/	/	/	/	/
1915	1916	0.031	CHP	1	1915.006	-30.15	-13	Pass
1916	1918	1	CHP	2	1916.500	-23.48	-13	Pass

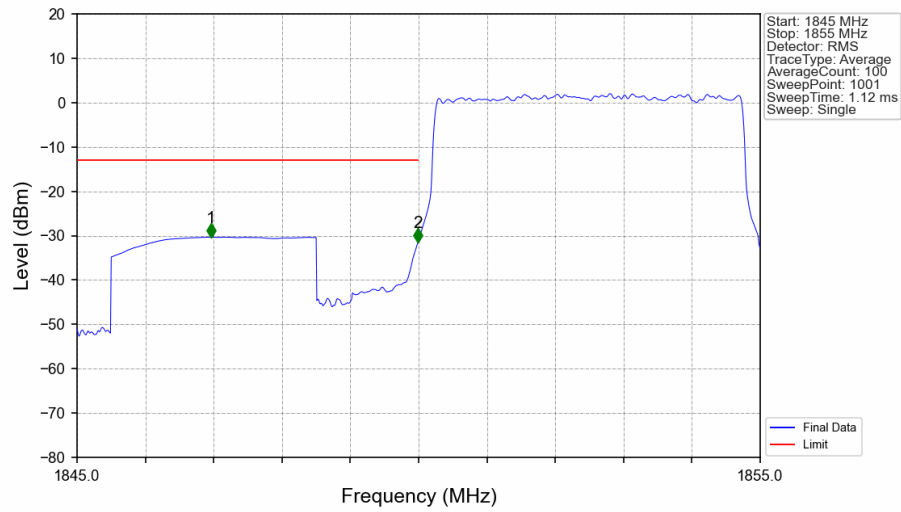
5.2.3 B25_5MHz



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

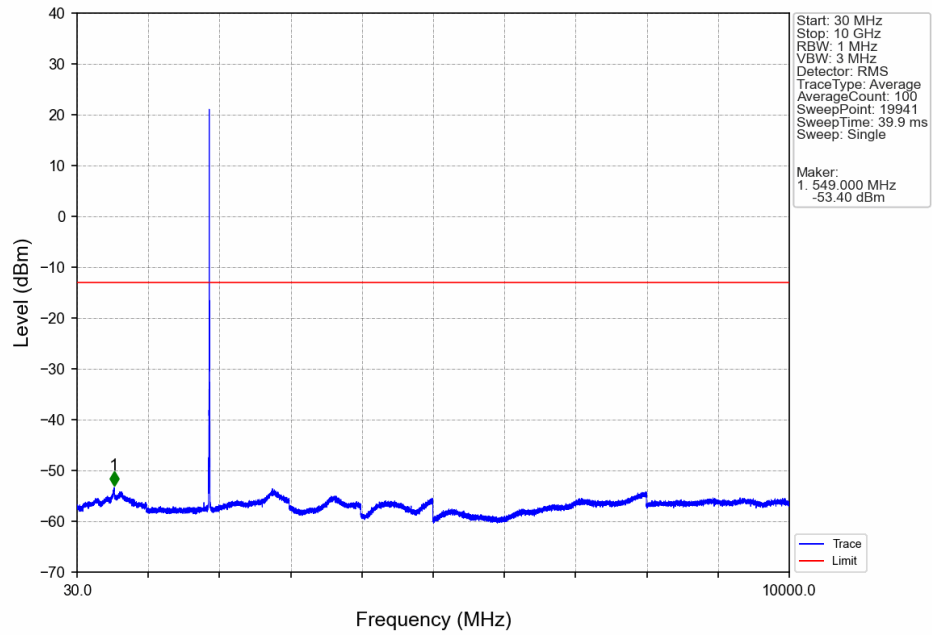


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

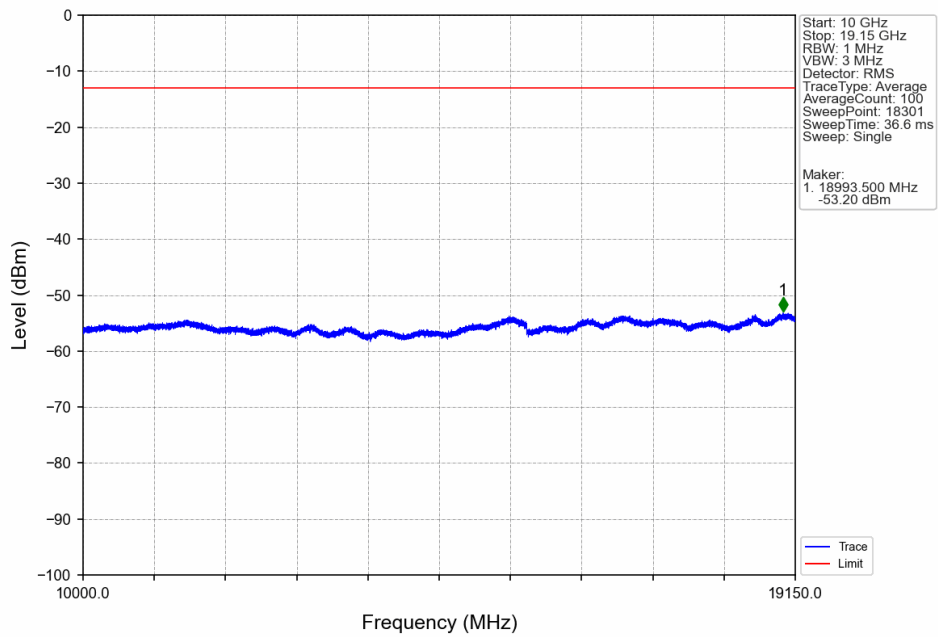


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1846.960	-30.35	-13	Pass
1849	1850	0.05	CHP	2	1849.990	-31.51	-13	Pass
1850	1855	0.05	CHP	/	/	/	/	/

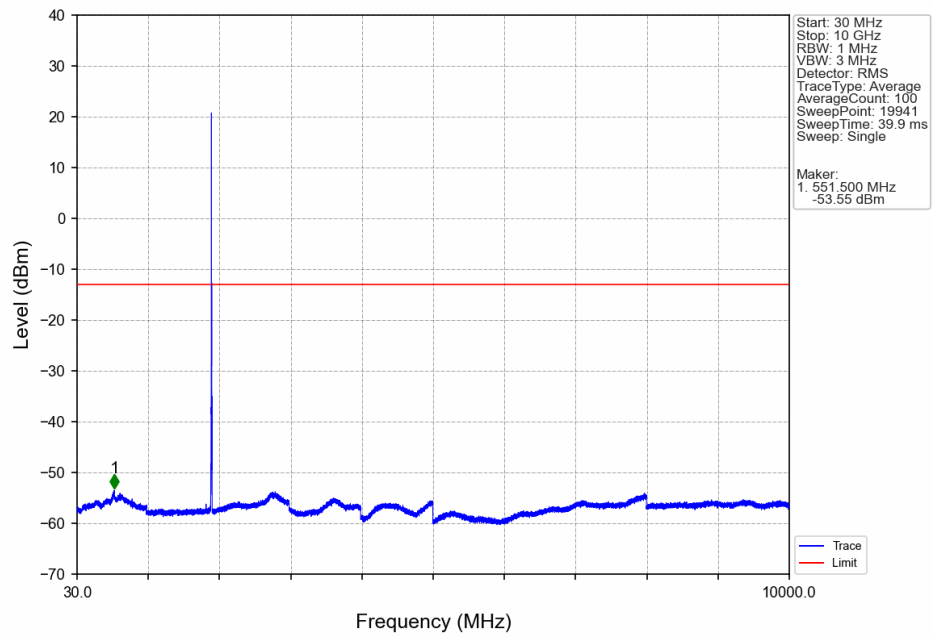
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



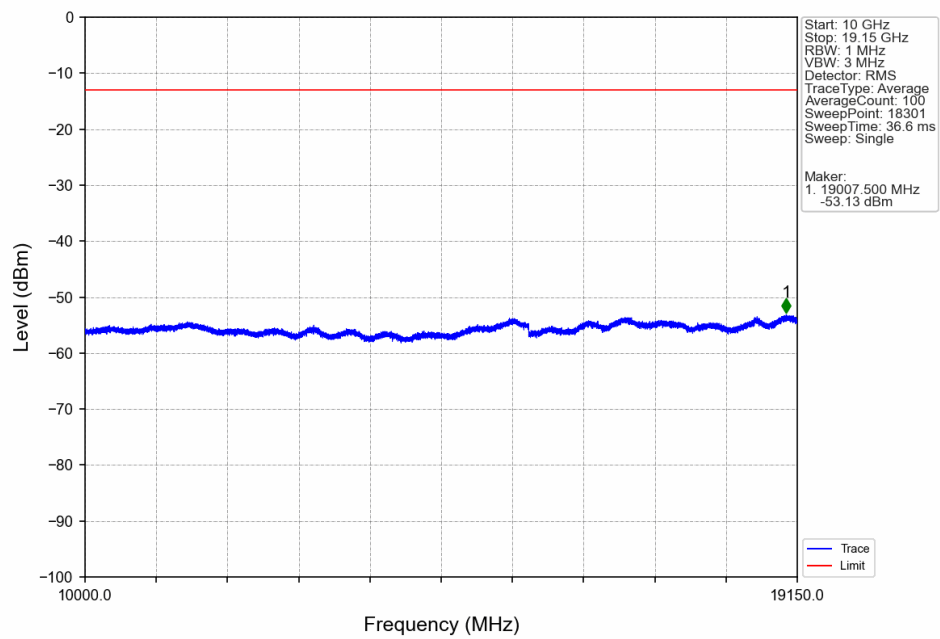
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



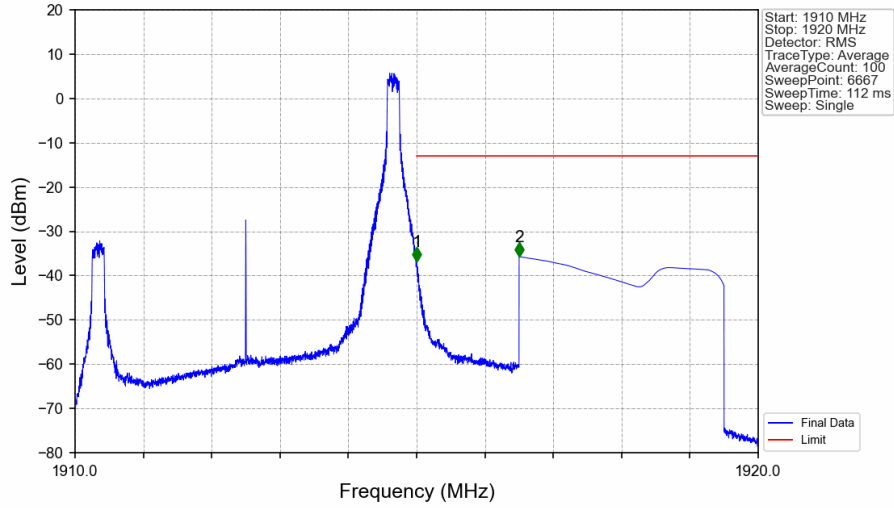
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV

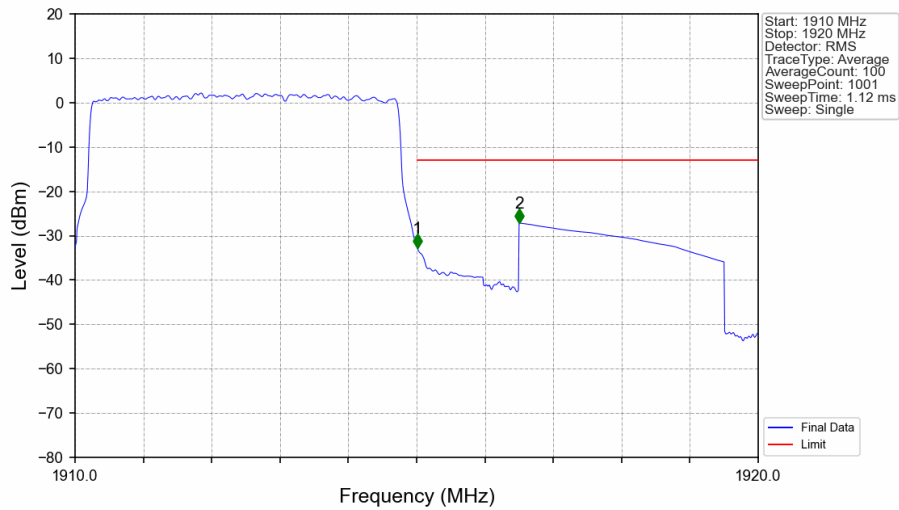


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



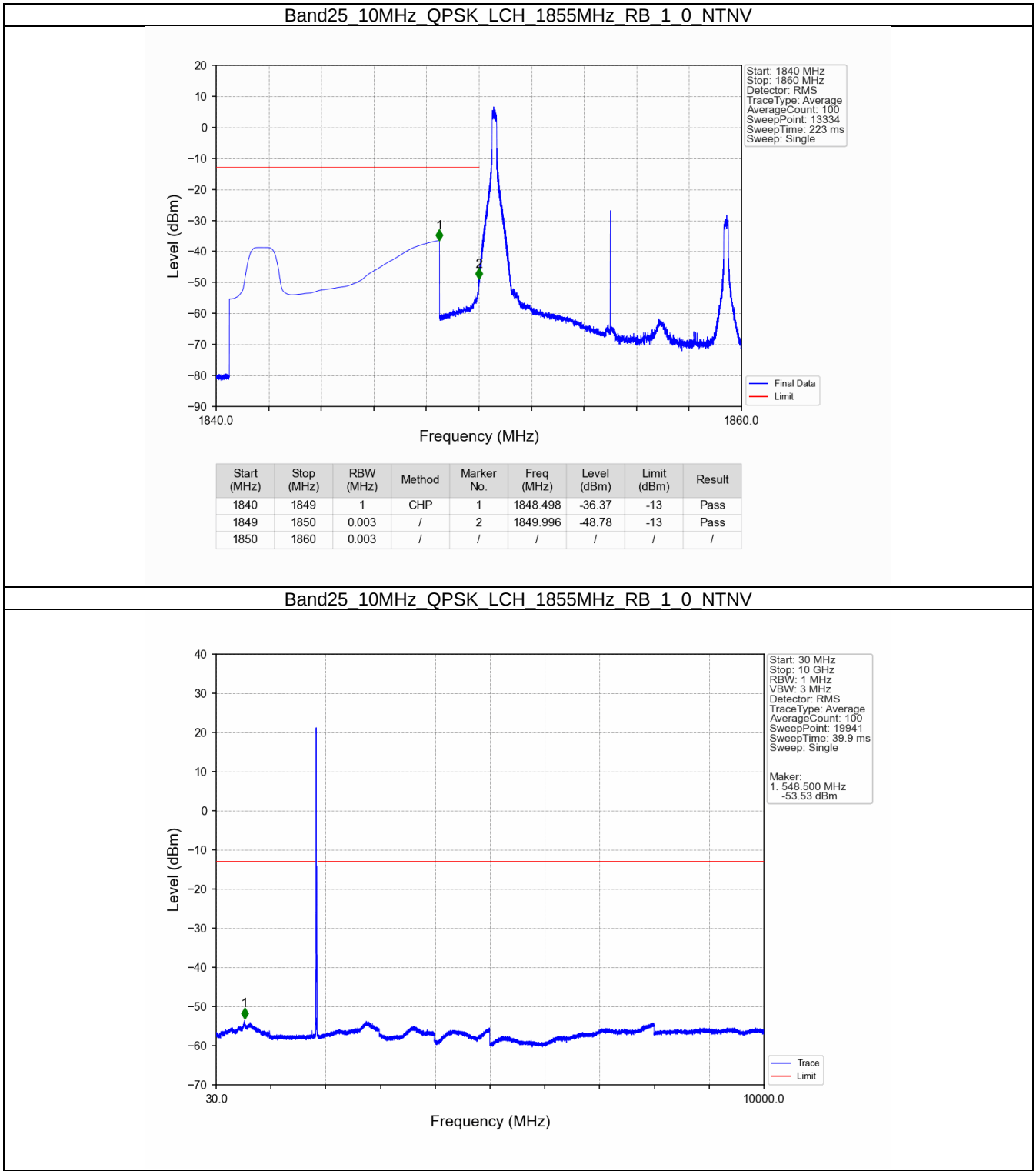
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-36.86	-13	Pass
1916	1920	1	CHP	2	1916.500	-35.73	-13	Pass

Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

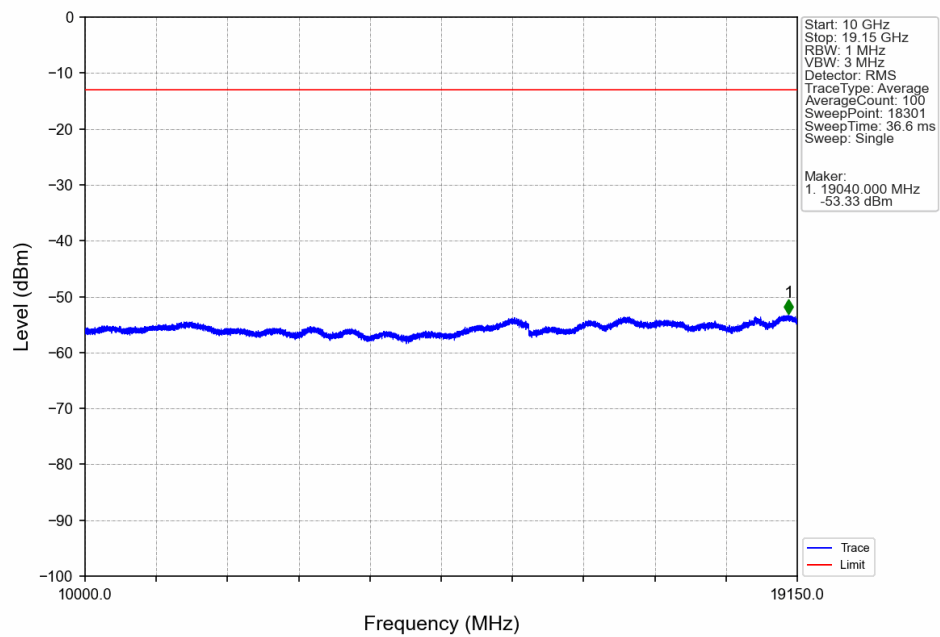


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.05	CHP	/	/	/	/	/
1915	1916	0.05	CHP	1	1915.010	-32.76	-13	Pass
1916	1920	1	CHP	2	1916.500	-27.15	-13	Pass

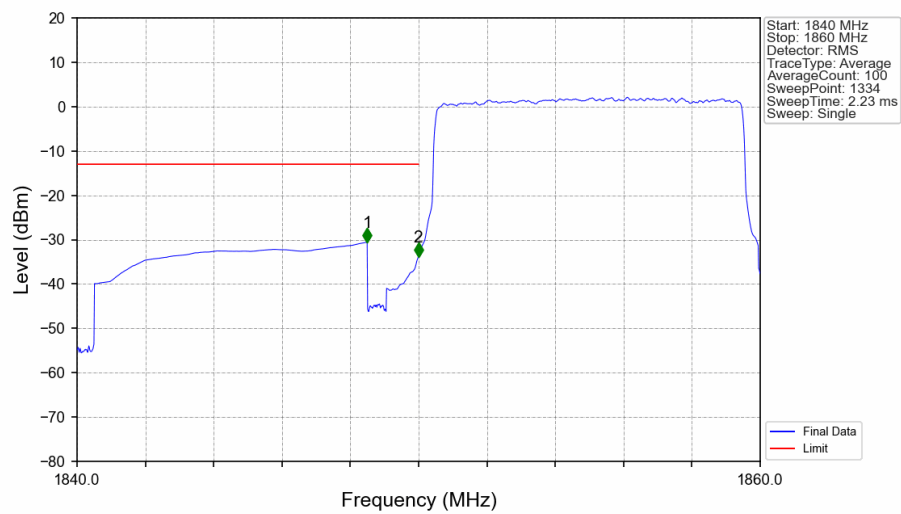
5.2.4 B25_10MHz



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

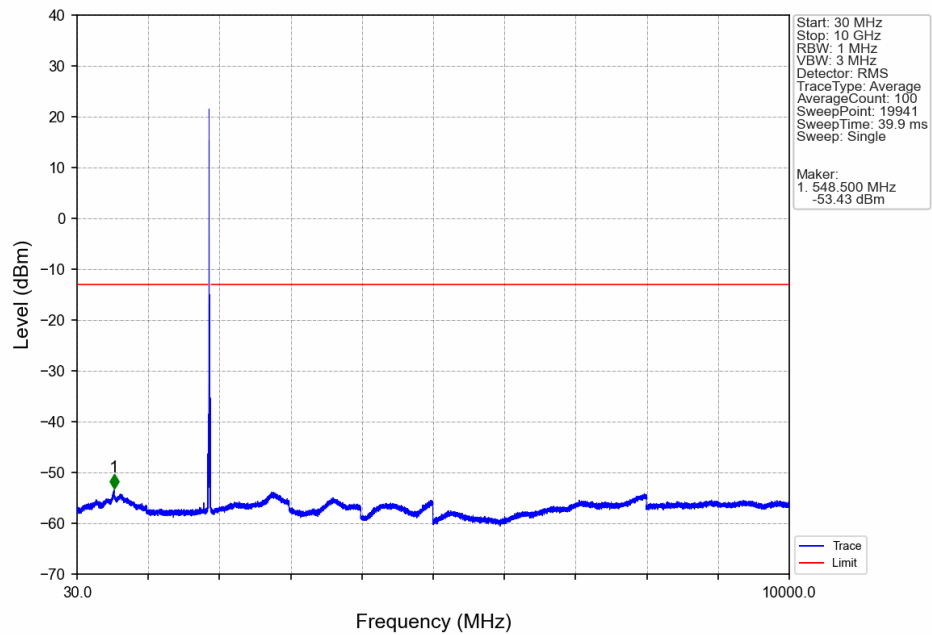


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

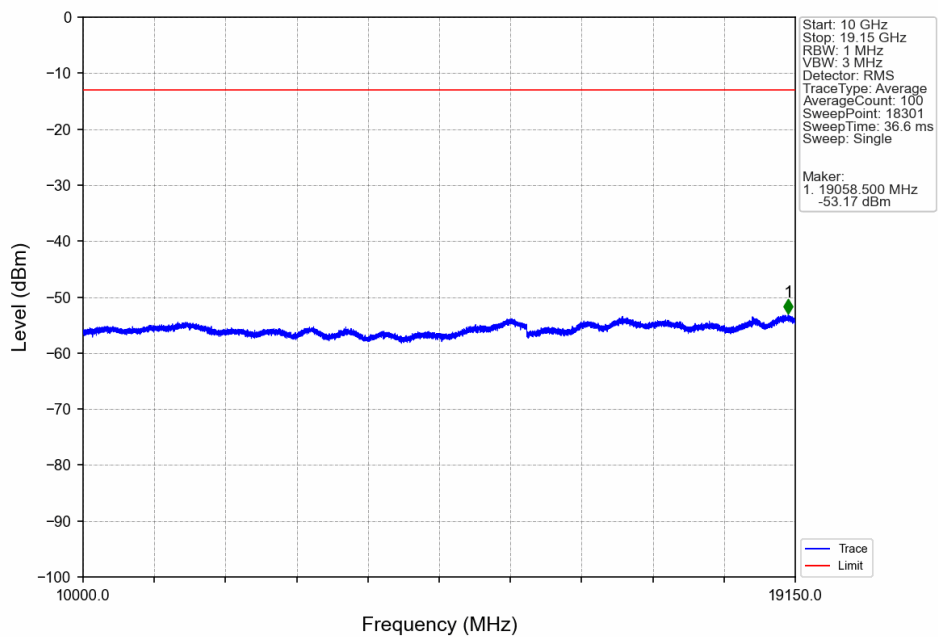


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.492	-30.60	-13	Pass
1849	1850	0.099	CHP	2	1849.992	-33.79	-13	Pass
1850	1860	0.099	CHP	/	/	/	/	/

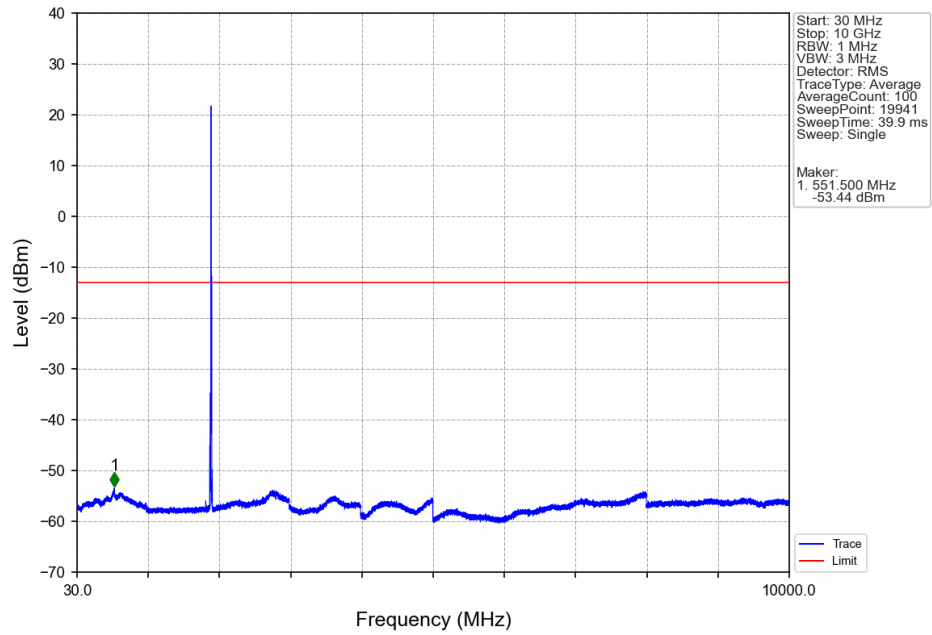
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



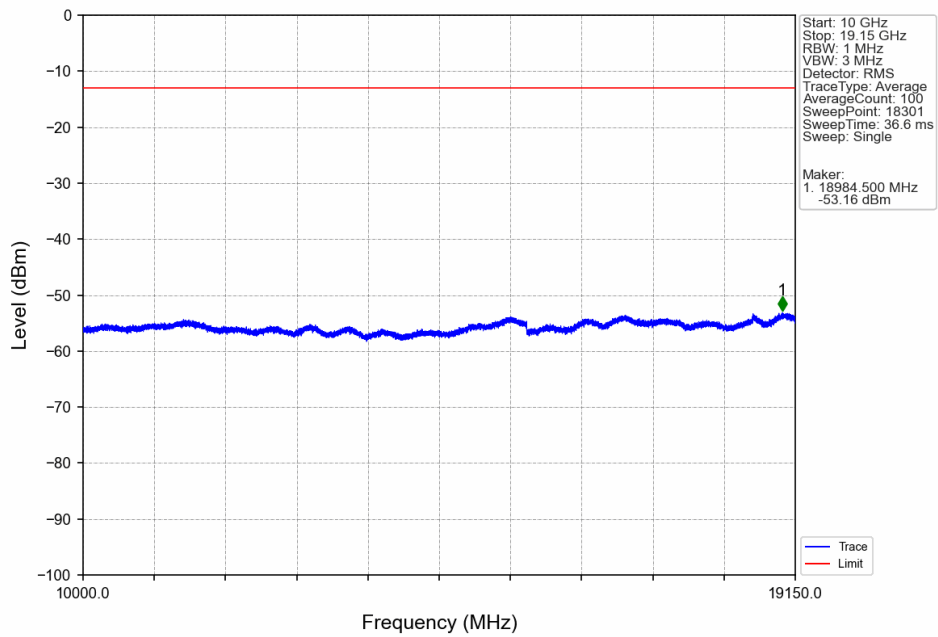
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



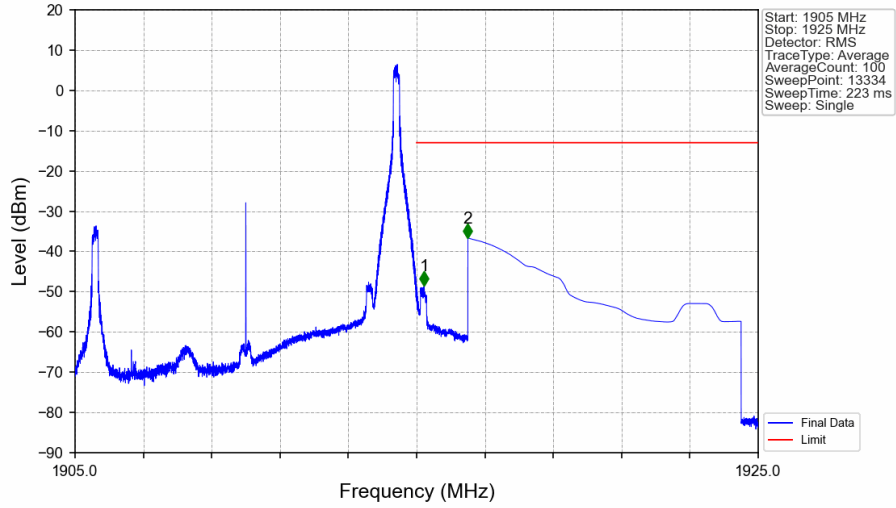
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

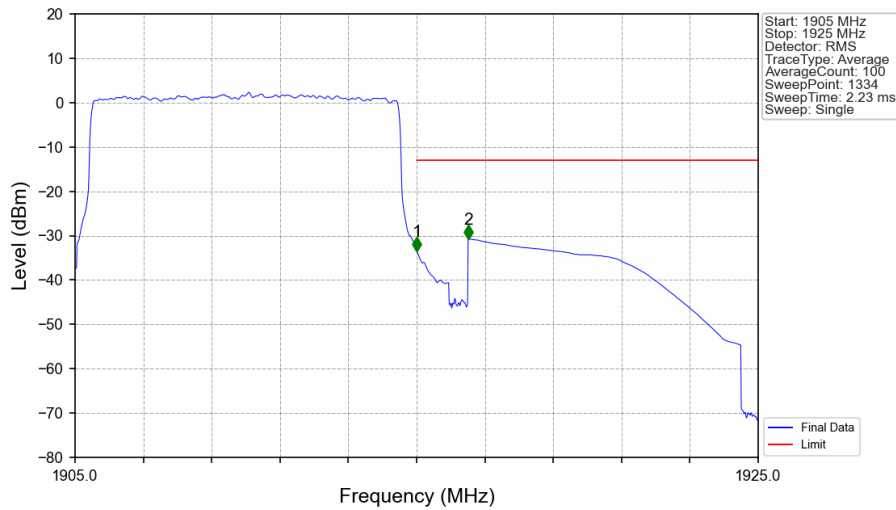


Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



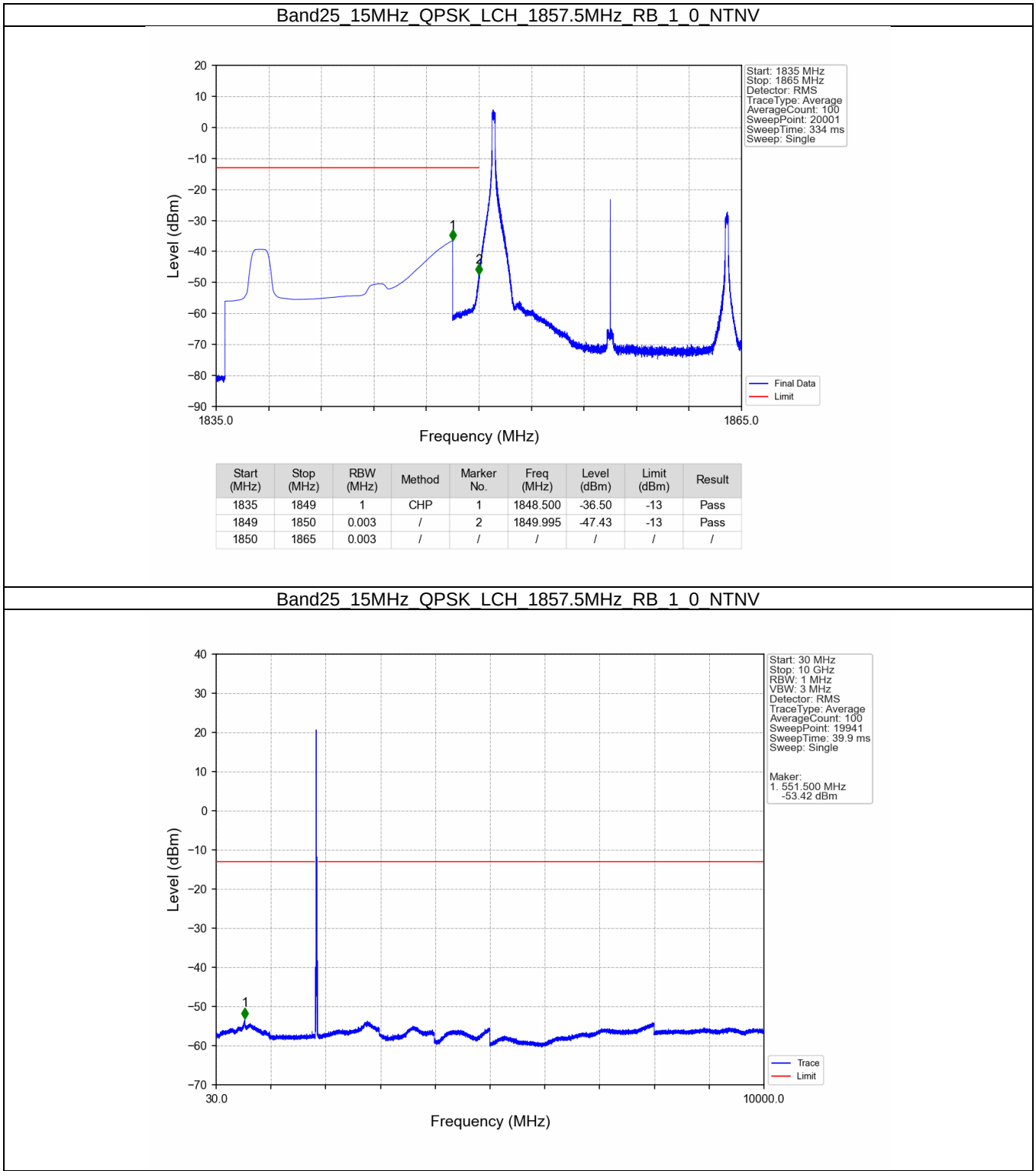
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.224	-48.51	-13	Pass
1916	1925	1	CHP	2	1916.501	-36.64	-13	Pass

Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

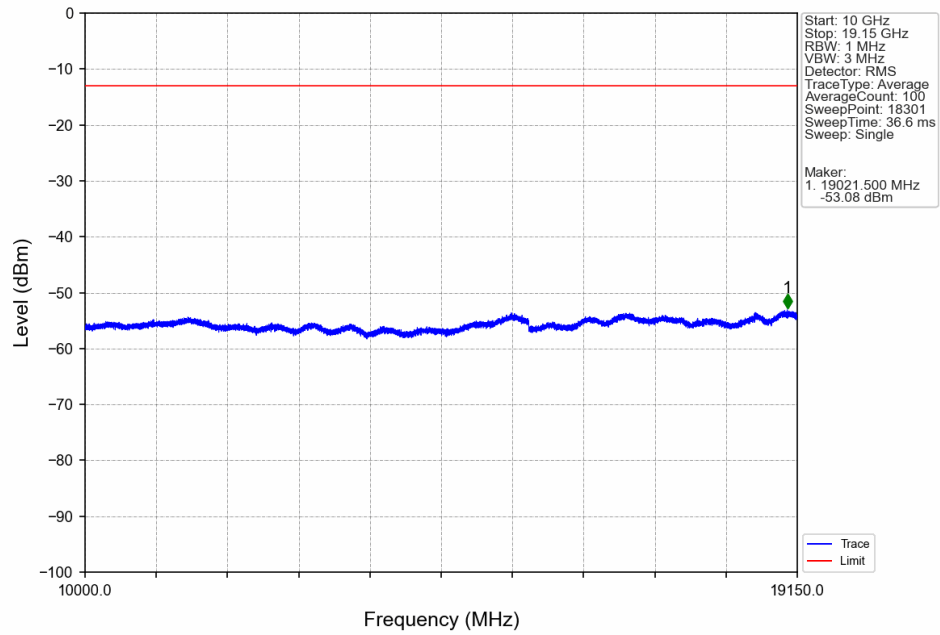


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.099	CHP	/	/	/	/	/
1915	1916	0.099	CHP	1	1915.008	-33.46	-13	Pass
1916	1925	1	CHP	2	1916.508	-30.75	-13	Pass

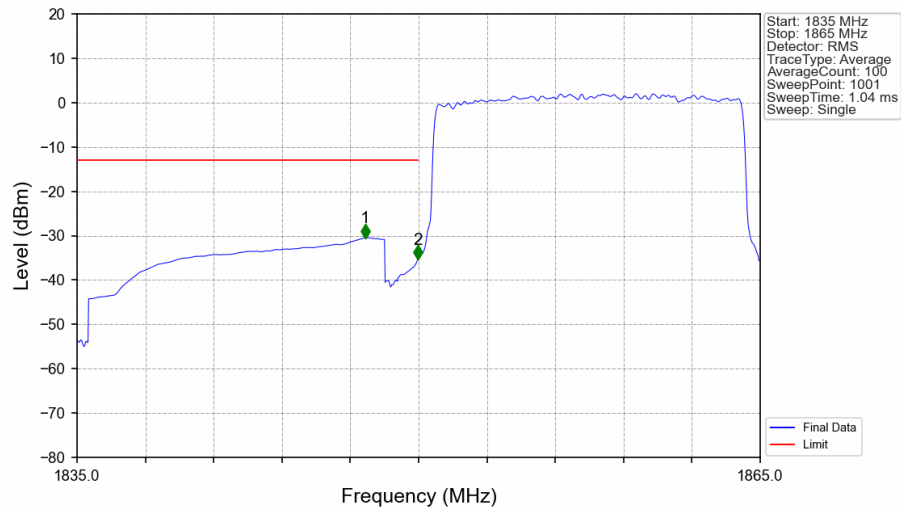
5.2.5 B25_15MHz



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

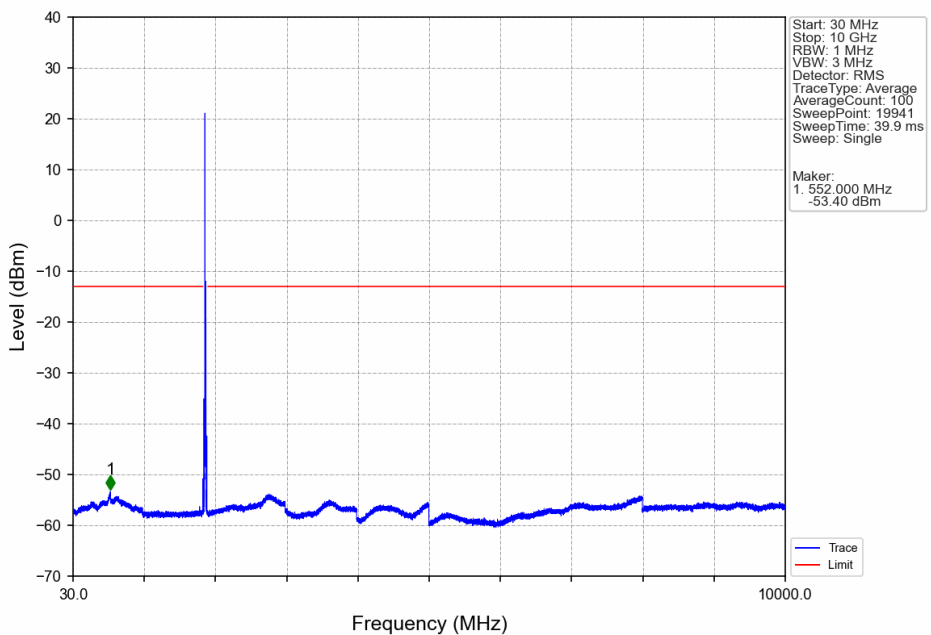


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

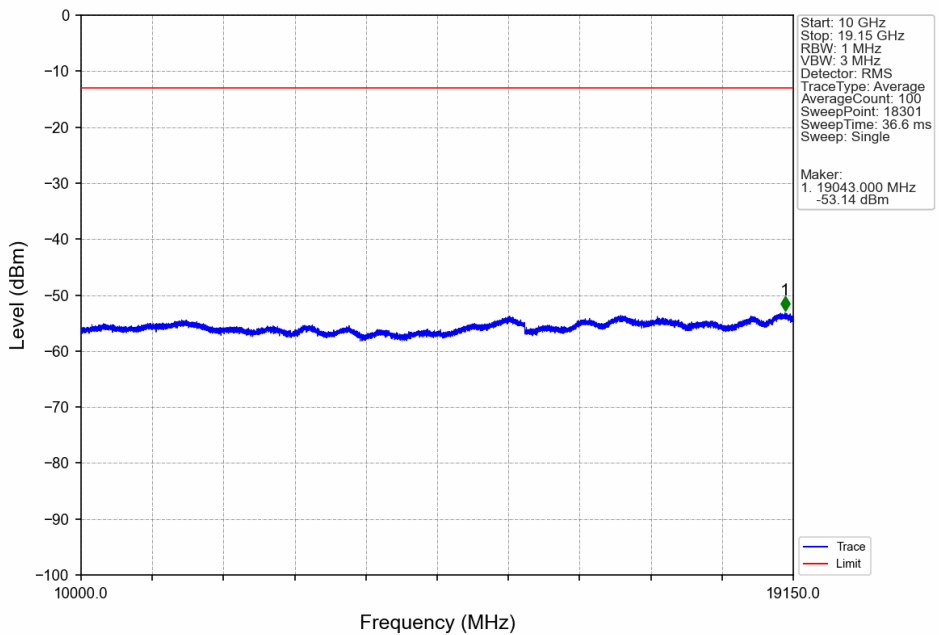


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.660	-30.49	-13	Pass
1849	1850	0.146	CHP	2	1849.970	-35.31	-13	Pass
1850	1865	0.146	CHP	/	/	/	/	/

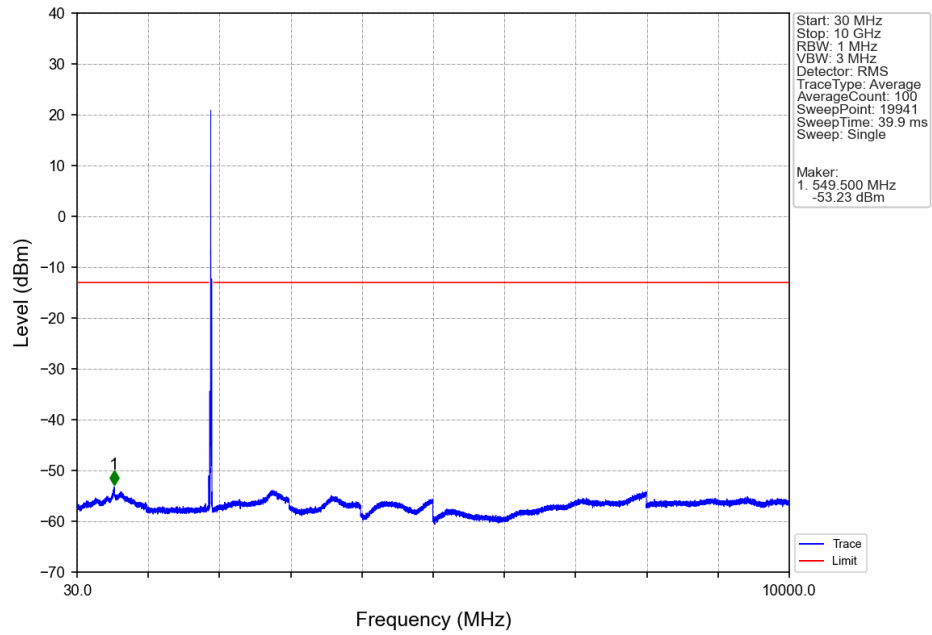
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



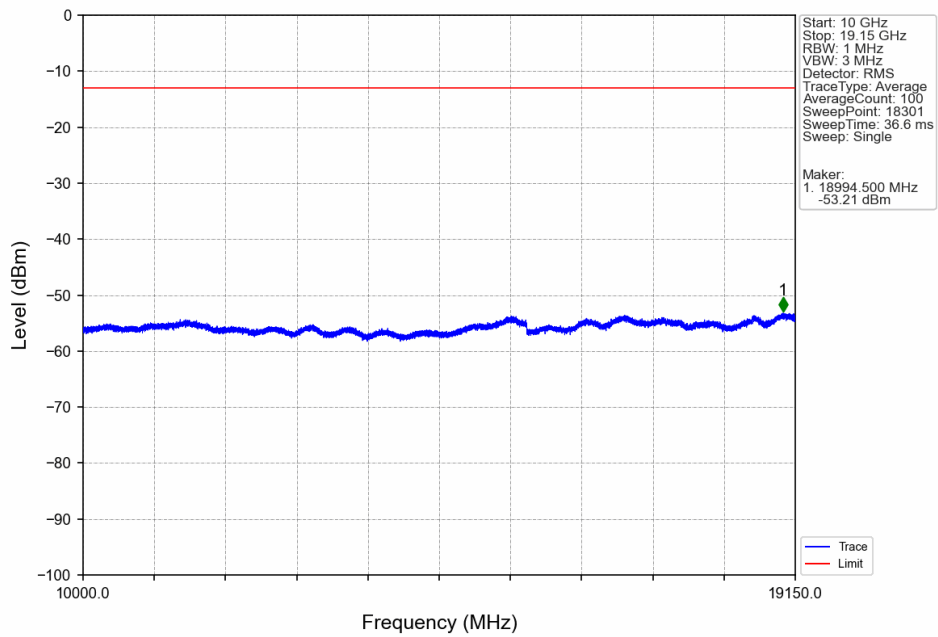
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



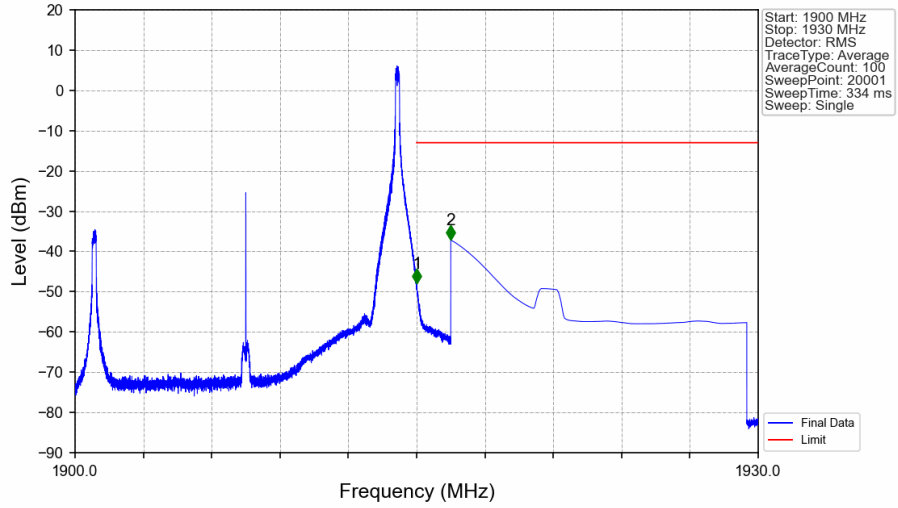
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

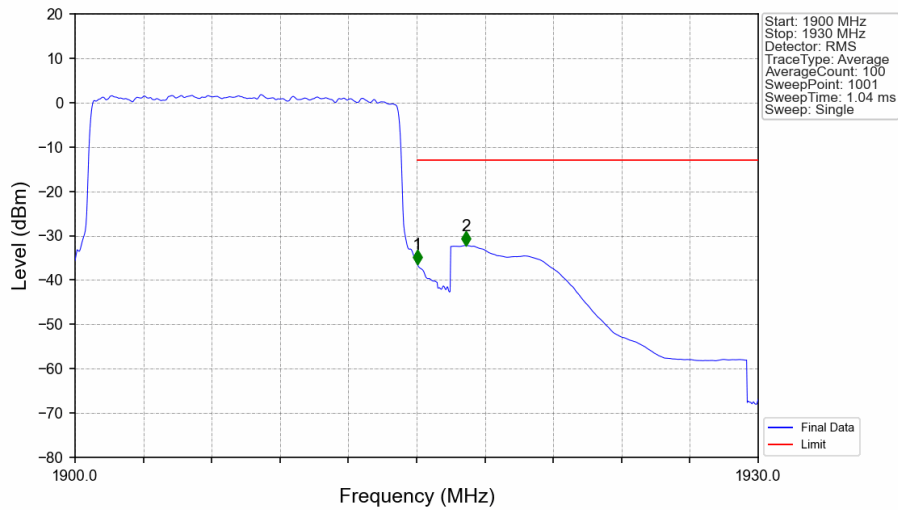


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



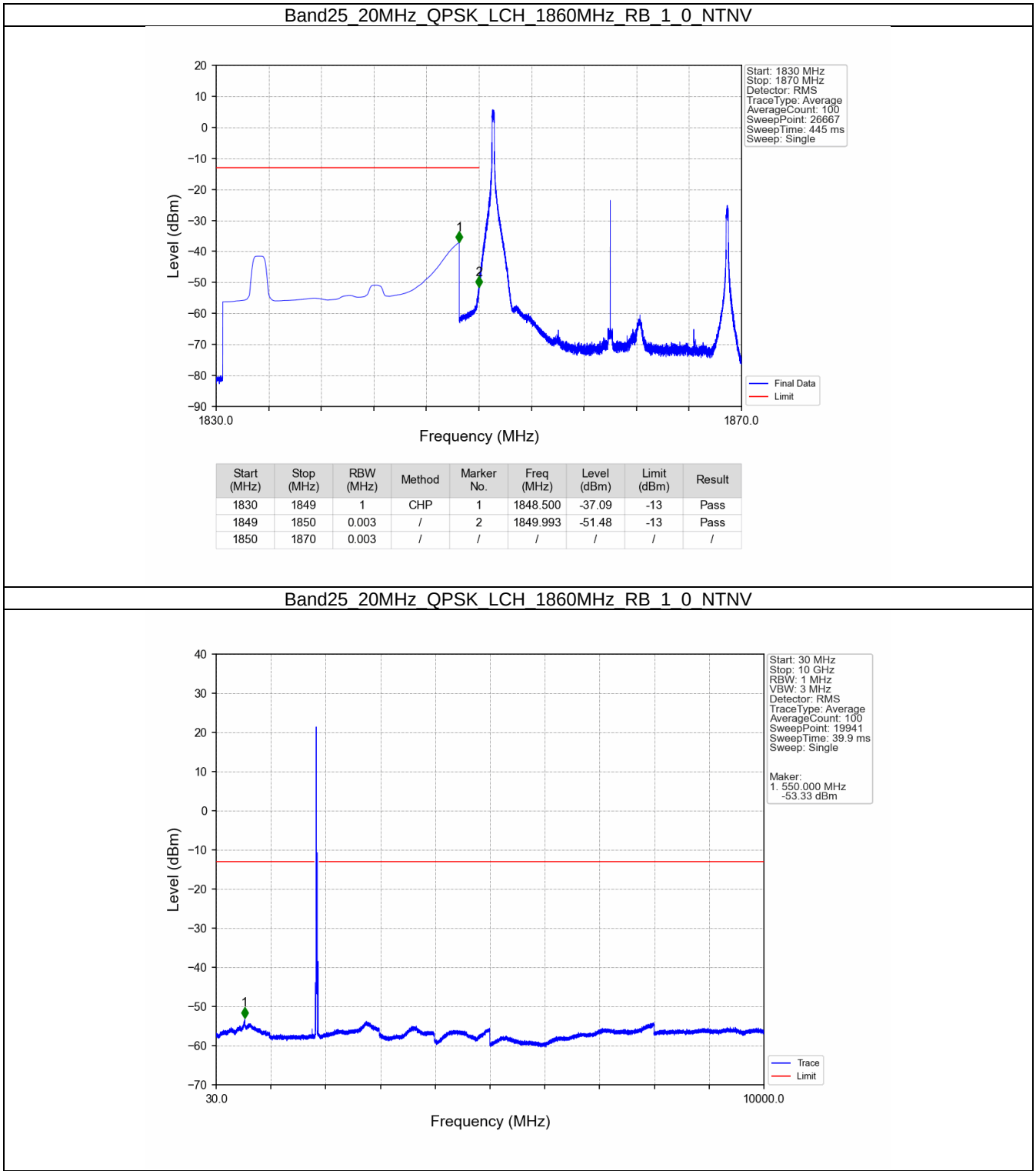
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-47.84	-13	Pass
1916	1930	1	CHP	2	1916.500	-37.14	-13	Pass

Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV

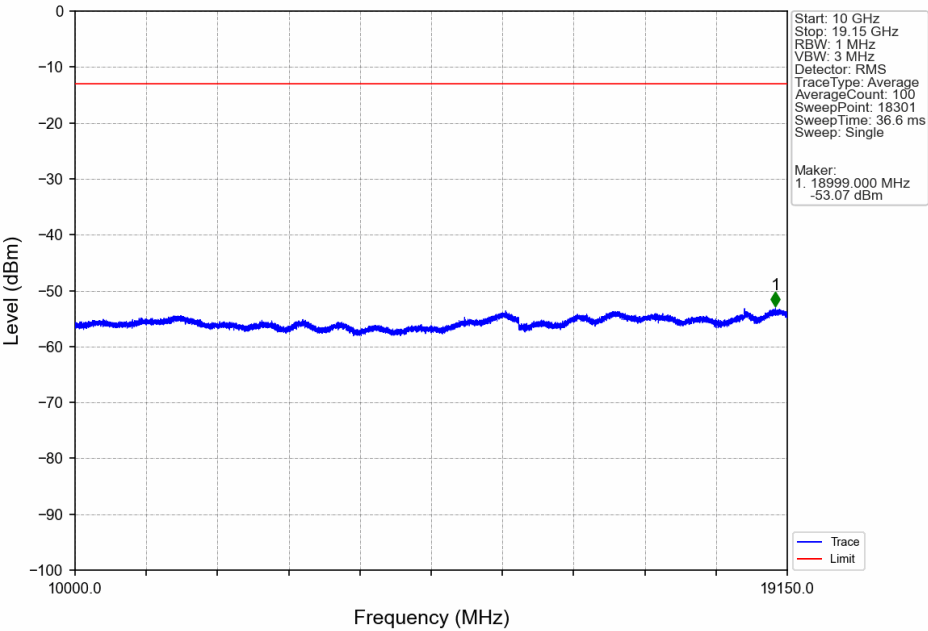


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.146	CHP	/	/	/	/	/
1915	1916	0.146	CHP	1	1915.030	-36.49	-13	Pass
1916	1930	1	CHP	2	1917.160	-32.22	-13	Pass

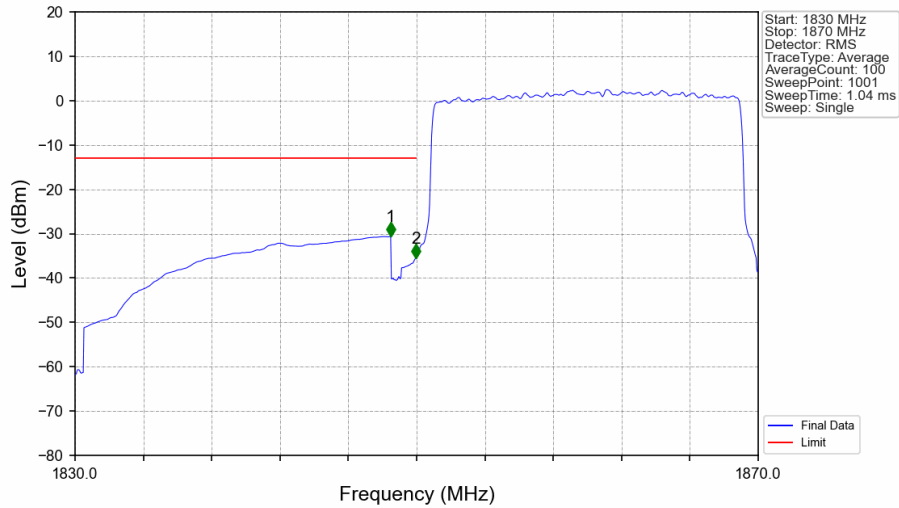
5.2.6 B25_20MHz



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

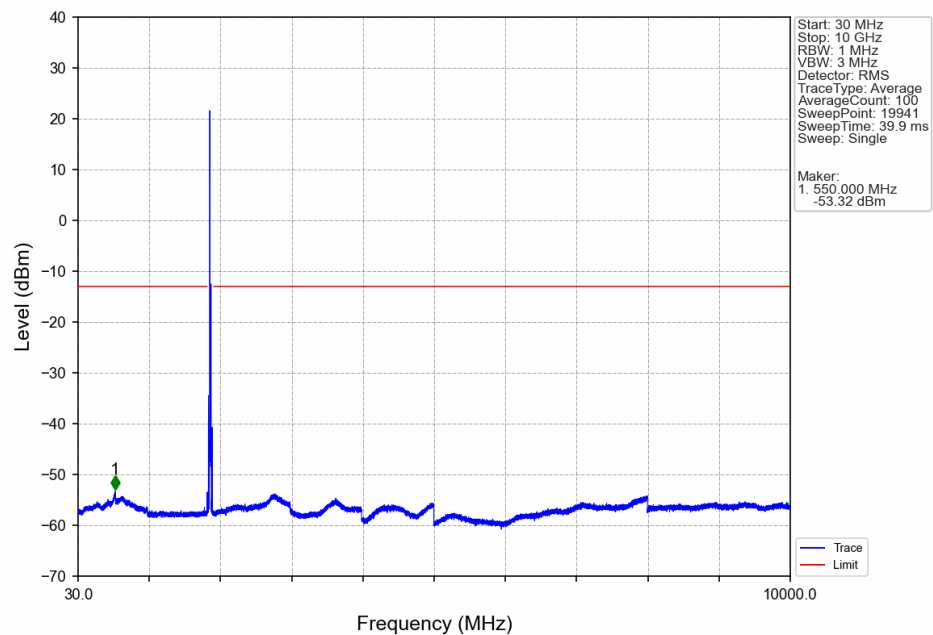


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

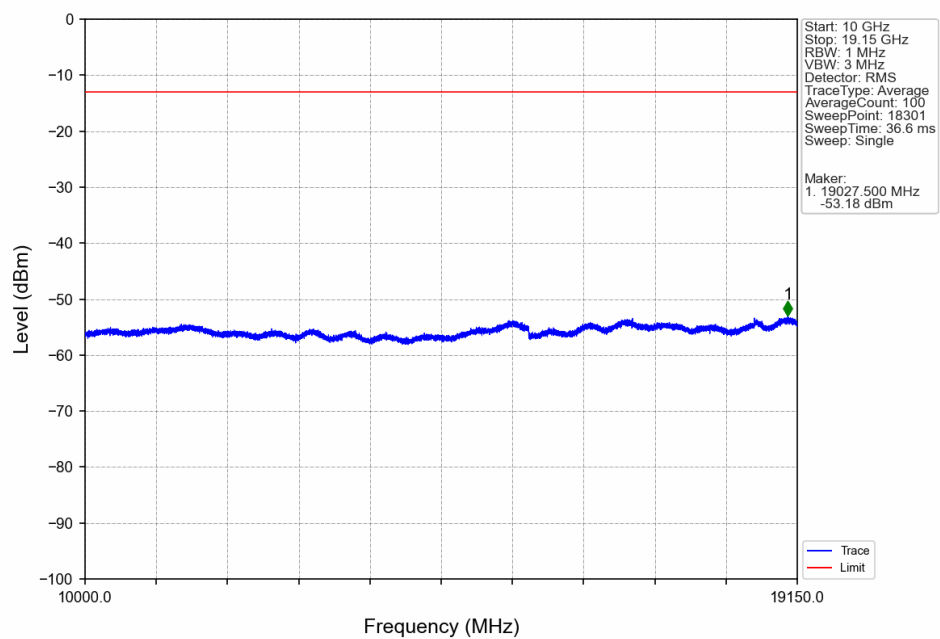


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-30.63	-13	Pass
1849	1850	0.196	CHP	2	1849.960	-35.47	-13	Pass
1850	1870	0.196	CHP	/	/	/	/	/

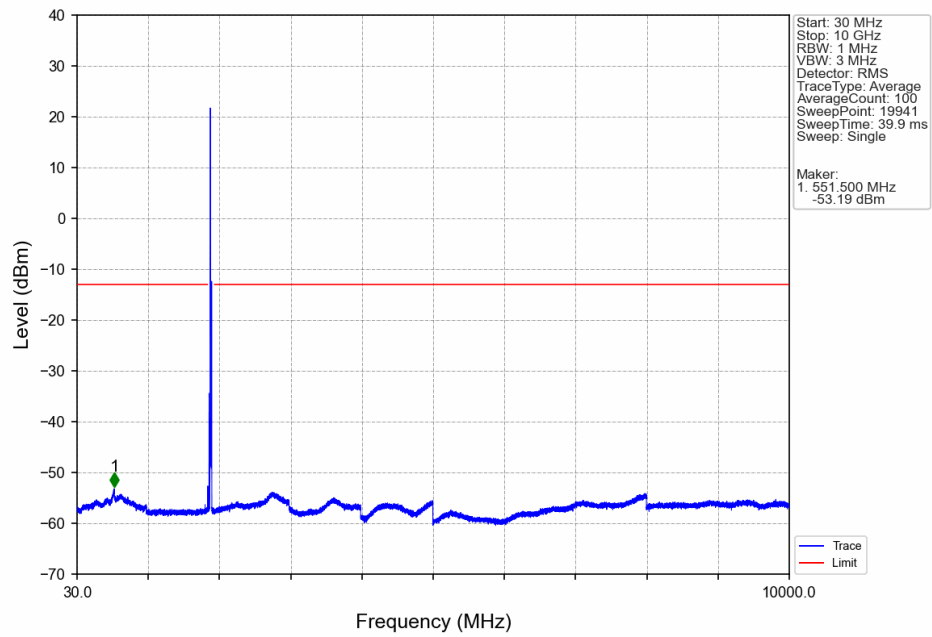
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



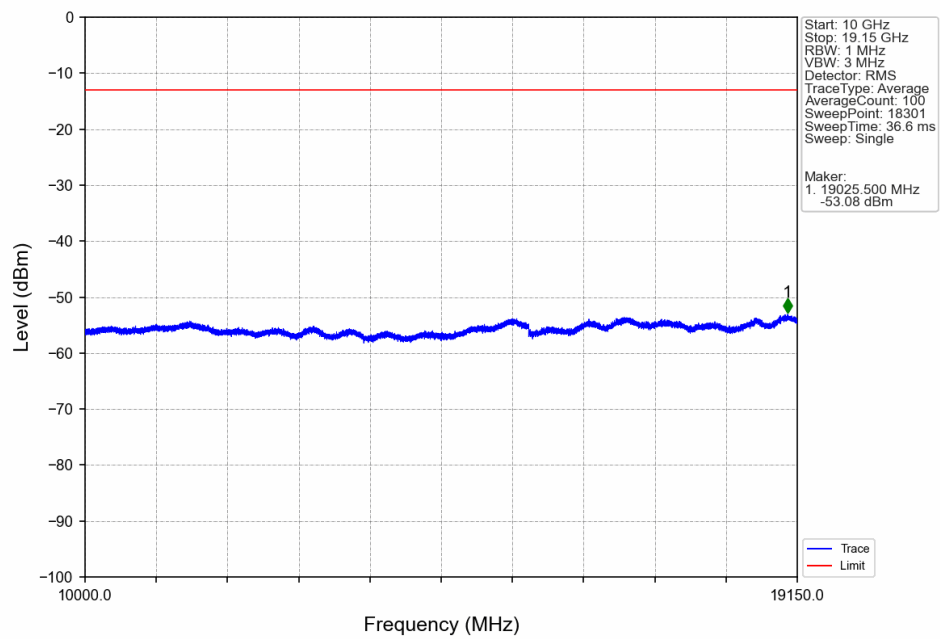
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



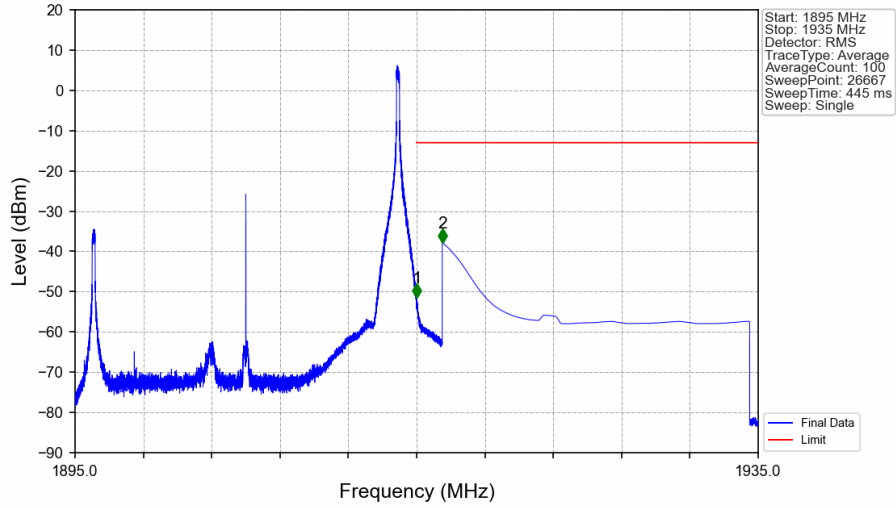
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

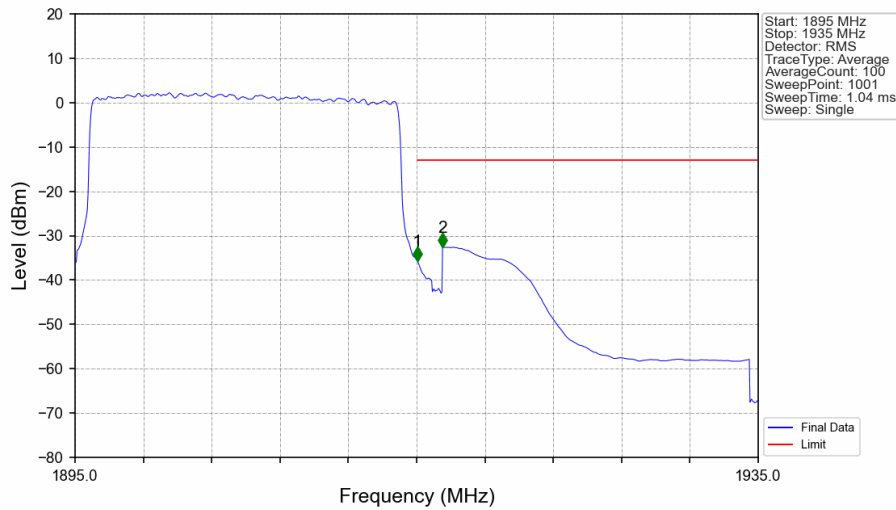


Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



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	1915.006	-51.53	-13	Pass
1916	1935	1	CHP	2	1916.500	-37.78	-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	1915.040	-35.69	-13	Pass
1916	1935	1	CHP	2	1916.520	-32.62	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 25_ TM1

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	65.52	-48.50	28.82	-49.42	-13.00	36.42	Horizontal
2	5553	55.60	-47.66	32.62	-54.70	-13.00	41.70	Horizontal
3	7404.36	60.97	-46.17	36.23	-44.23	-13.00	31.23	Horizontal
4	9255.45	57.76	-43.17	37.76	-42.91	-13.00	29.91	Horizontal
5	11106.54	47.88	-40.36	39.49	-48.25	-13.00	35.25	Horizontal
6	12957.63	48.86	-39.41	38.83	-46.98	-13.00	33.98	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	60.45	-48.50	28.82	-54.49	-13.00	41.49	Vertical
2	5553	60.09	-47.66	32.62	-50.21	-13.00	37.21	Vertical
3	7404	69.78	-46.17	36.23	-35.42	-13.00	22.42	Vertical
4	9255.45	66.79	-43.17	37.76	-33.88	-13.00	20.88	Vertical
5	11106.54	49.56	-40.36	39.49	-46.57	-13.00	33.57	Vertical
6	12957.63	49.63	-39.41	38.83	-46.21	-13.00	33.21	Vertical

Test Band = LTE Band 25_ TM1
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	7484.25	61.51	-46.17	36.37	-43.55	-13.00	30.55	Horizontal
2	3742.18	61.69	-48.37	28.89	-53.05	-13.00	40.05	Horizontal
3	5613.27	54.77	-47.67	32.65	-55.52	-13.00	42.52	Horizontal
4	9355.45	57.64	-42.97	37.90	-42.70	-13.00	29.70	Horizontal
5	11226.54	47.83	-40.37	39.48	-48.32	-13.00	35.32	Horizontal
6	13097.63	48.70	-38.42	38.95	-46.03	-13.00	33.03	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7484.25	69.64	-46.17	36.37	-35.42	-13.00	22.42	Vertical
2	3742.18	59.42	-48.37	28.89	-55.32	-13.00	42.32	Vertical
3	5613.27	58.74	-47.67	32.65	-51.55	-13.00	38.55	Vertical
4	9355.45	67.77	-42.97	37.90	-32.57	-13.00	19.57	Vertical
5	11226.54	48.82	-40.37	39.48	-47.33	-13.00	34.33	Vertical
6	13097.63	49.00	-38.42	38.95	-45.73	-13.00	32.73	Vertical

Test Band = LTE Band 25_ TM1
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	3792	61.92	-48.21	28.97	-52.58	-13.00	39.58	Horizontal
2	5688	58.89	-47.52	32.68	-51.21	-13.00	38.21	Horizontal
3	7584.36	61.82	-44.81	36.38	-41.87	-13.00	28.87	Horizontal
4	9480.45	59.28	-42.50	38.07	-40.41	-13.00	27.41	Horizontal
5	11376.54	48.69	-40.17	39.46	-47.28	-13.00	34.28	Horizontal
6	13272.63	49.62	-38.98	39.21	-45.41	-13.00	32.41	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3792	60.40	-48.21	28.97	-54.10	-13.00	41.10	Vertical
2	5688	61.99	-47.52	32.68	-48.11	-13.00	35.11	Vertical
3	7584	71.01	-44.83	36.38	-32.69	-13.00	19.69	Vertical
4	9480.45	67.40	-42.50	38.07	-32.29	-13.00	19.29	Vertical
5	11376.54	48.58	-40.17	39.46	-47.39	-13.00	34.39	Vertical
6	13272.63	48.80	-38.98	39.21	-46.23	-13.00	33.23	Vertical