

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP

Band: 26b / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	836.5	1	0	24.25	-4.36	17.74	<=38.45	Pass
			2	24.21	-4.36	17.70	<=38.45	Pass
			5	24.20	-4.36	17.69	<=38.45	Pass
		3	0	24.30	-4.36	17.79	<=38.45	Pass
			2	24.27	-4.36	17.76	<=38.45	Pass
			3	24.26	-4.36	17.75	<=38.45	Pass
		6	0	23.28	-4.36	16.77	<=38.45	Pass
	848.3	1	0	24.19	-4.36	17.68	<=38.45	Pass
			2	24.06	-4.36	17.55	<=38.45	Pass
			5	24.19	-4.36	17.68	<=38.45	Pass
		3	0	24.23	-4.36	17.72	<=38.45	Pass
			2	24.16	-4.36	17.65	<=38.45	Pass
			3	24.27	-4.36	17.76	<=38.45	Pass
		6	0	23.33	-4.36	16.82	<=38.45	Pass
16QAM	824.7	6	0	22.22	-4.36	15.71	<=38.45	Pass
	836.5	1	0	23.32	-4.36	16.81	<=38.45	Pass
			2	23.30	-4.36	16.79	<=38.45	Pass
			5	23.46	-4.36	16.95	<=38.45	Pass
		3	0	23.46	-4.36	16.95	<=38.45	Pass
			2	23.33	-4.36	16.82	<=38.45	Pass
			3	23.29	-4.36	16.78	<=38.45	Pass
		6	0	22.29	-4.36	15.78	<=38.45	Pass
	848.3	1	0	23.32	-4.36	16.81	<=38.45	Pass
			2	23.30	-4.36	16.79	<=38.45	Pass
			5	23.48	-4.36	16.97	<=38.45	Pass
		3	0	23.46	-4.36	16.95	<=38.45	Pass
QPSK	824.7	1	0	24.09	-4.36	17.58	<=38.45	Pass
16QAM	848.3	3	2	23.33	-4.36	16.82	<=38.45	Pass
			3	23.29	-4.36	16.78	<=38.45	Pass
		6	0	22.30	-4.36	15.79	<=38.45	Pass
QPSK	824.7	1	2	24.18	-4.36	17.67	<=38.45	Pass
64QAM	824.7	1	0	22.58	-4.36	16.07	<=38.45	Pass
QPSK	824.7	1	5	23.19	-4.36	16.68	<=38.45	Pass
64QAM	824.7	1	2	22.03	-4.36	15.52	<=38.45	Pass
QPSK	824.7	3	0	24.11	-4.36	17.60	<=38.45	Pass
64QAM	824.7	1	5	22.28	-4.36	15.77	<=38.45	Pass
QPSK	824.7	3	2	24.18	-4.36	17.67	<=38.45	Pass
			3	24.17	-4.36	17.66	<=38.45	Pass
64QAM	824.7	3	0	22.38	-4.36	15.87	<=38.45	Pass
QPSK	824.7	6	0	23.20	-4.36	16.69	<=38.45	Pass
64QAM	824.7	3	2	22.15	-4.36	15.64	<=38.45	Pass
			3	22.43	-4.36	15.92	<=38.45	Pass
		6	0	21.18	-4.36	14.67	<=38.45	Pass
	836.5	1	0	22.17	-4.36	15.66	<=38.45	Pass
			2	22.36	-4.36	15.85	<=38.45	Pass
			5	22.67	-4.36	16.16	<=38.45	Pass
		3	0	22.23	-4.36	15.72	<=38.45	Pass
			2	22.48	-4.36	15.97	<=38.45	Pass
			3	22.49	-4.36	15.98	<=38.45	Pass

	848.3	6	0	21.34	-4.36	14.83	<=38.45	Pass	
			1	0	22.12	-4.36	15.61	<=38.45	Pass
				2	22.33	-4.36	15.82	<=38.45	Pass
				5	22.66	-4.36	16.15	<=38.45	Pass
		3	0	22.54	-4.36	16.03	<=38.45	Pass	
			2	22.22	-4.36	15.71	<=38.45	Pass	
			3	22.49	-4.36	15.98	<=38.45	Pass	
		6	0	21.28	-4.36	14.77	<=38.45	Pass	
	16QAM	824.7	1	0	23.37	-4.36	16.86	<=38.45	Pass
2				23.28	-4.36	16.77	<=38.45	Pass	
5				23.44	-4.36	16.93	<=38.45	Pass	
3			0	23.23	-4.36	16.72	<=38.45	Pass	
			2	23.35	-4.36	16.84	<=38.45	Pass	
			3	23.30	-4.36	16.79	<=38.45	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26b_3MHz_ERP

Band: 26b / Bandwidth: 3MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	24.10	-4.36	17.59	<=38.45	Pass
			7	24.21	-4.36	17.70	<=38.45	Pass
			14	24.15	-4.36	17.64	<=38.45	Pass
		8	0	23.25	-4.36	16.74	<=38.45	Pass
			4	23.21	-4.36	16.70	<=38.45	Pass
			7	23.20	-4.36	16.69	<=38.45	Pass
		15	0	23.22	-4.36	16.71	<=38.45	Pass
	836.5	1	0	24.24	-4.36	17.73	<=38.45	Pass
			7	24.29	-4.36	17.78	<=38.45	Pass
			14	24.27	-4.36	17.76	<=38.45	Pass
		8	0	23.32	-4.36	16.81	<=38.45	Pass
			4	23.29	-4.36	16.78	<=38.45	Pass
			7	23.28	-4.36	16.77	<=38.45	Pass
		15	0	23.29	-4.36	16.78	<=38.45	Pass
	847.5	1	0	24.21	-4.36	17.70	<=38.45	Pass
			7	24.33	-4.36	17.82	<=38.45	Pass
			14	24.19	-4.36	17.68	<=38.45	Pass
		8	0	23.36	-4.36	16.85	<=38.45	Pass
			4	23.31	-4.36	16.80	<=38.45	Pass
			7	23.31	-4.36	16.80	<=38.45	Pass
		15	0	23.37	-4.36	16.86	<=38.45	Pass
16QAM	825.5	1	0	23.73	-4.36	17.22	<=38.45	Pass
			7	23.23	-4.36	16.72	<=38.45	Pass
			14	23.34	-4.36	16.83	<=38.45	Pass
		8	0	22.42	-4.36	15.91	<=38.45	Pass
			4	22.29	-4.36	15.78	<=38.45	Pass
			7	22.21	-4.36	15.70	<=38.45	Pass
		15	0	22.28	-4.36	15.77	<=38.45	Pass
	836.5	1	0	23.79	-4.36	17.28	<=38.45	Pass
			7	23.30	-4.36	16.79	<=38.45	Pass
			14	23.40	-4.36	16.89	<=38.45	Pass
		8	0	22.46	-4.36	15.95	<=38.45	Pass
			4	22.37	-4.36	15.86	<=38.45	Pass
			7	22.26	-4.36	15.75	<=38.45	Pass
		15	0	22.36	-4.36	15.85	<=38.45	Pass
	847.5	1	0	23.79	-4.36	17.28	<=38.45	Pass

		8	7	23.37	-4.36	16.86	<=38.45	Pass	
			14	23.50	-4.36	16.99	<=38.45	Pass	
			0	22.53	-4.36	16.02	<=38.45	Pass	
			4	22.40	-4.36	15.89	<=38.45	Pass	
			7	22.29	-4.36	15.78	<=38.45	Pass	
			15	0	22.40	-4.36	15.89	<=38.45	Pass
64QAM	825.5	1	0	22.09	-4.36	15.58	<=38.45	Pass	
			7	22.26	-4.36	15.75	<=38.45	Pass	
			14	22.43	-4.36	15.92	<=38.45	Pass	
		8	0	21.27	-4.36	14.76	<=38.45	Pass	
			4	21.10	-4.36	14.59	<=38.45	Pass	
			7	21.39	-4.36	14.88	<=38.45	Pass	
	15	0	21.27	-4.36	14.76	<=38.45	Pass		
	836.5	1	0	22.14	-4.36	15.63	<=38.45	Pass	
			7	22.33	-4.36	15.82	<=38.45	Pass	
			14	22.51	-4.36	16.00	<=38.45	Pass	
		8	0	21.34	-4.36	14.83	<=38.45	Pass	
			4	21.18	-4.36	14.67	<=38.45	Pass	
			7	21.46	-4.36	14.95	<=38.45	Pass	
	15	0	21.33	-4.36	14.82	<=38.45	Pass		
	847.5	1	0	22.17	-4.36	15.66	<=38.45	Pass	
			7	22.34	-4.36	15.83	<=38.45	Pass	
			14	22.55	-4.36	16.04	<=38.45	Pass	
		8	0	21.38	-4.36	14.87	<=38.45	Pass	
			4	21.21	-4.36	14.70	<=38.45	Pass	
			7	21.48	-4.36	14.97	<=38.45	Pass	
	15	0	21.36	-4.36	14.85	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26b_5MHz_ERP

Band: 26b / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.23	-4.36	17.72	<=38.45	Pass
			13	24.30	-4.36	17.79	<=38.45	Pass
			24	24.32	-4.36	17.81	<=38.45	Pass
		12	0	23.27	-4.36	16.76	<=38.45	Pass
			6	23.24	-4.36	16.73	<=38.45	Pass
			13	23.24	-4.36	16.73	<=38.45	Pass
		25	0	23.30	-4.36	16.79	<=38.45	Pass
	836.5	1	0	24.37	-4.36	17.86	<=38.45	Pass
			13	24.42	-4.36	17.91	<=38.45	Pass
			24	24.43	-4.36	17.92	<=38.45	Pass
		12	0	23.35	-4.36	16.84	<=38.45	Pass
			6	23.31	-4.36	16.80	<=38.45	Pass
			13	23.31	-4.36	16.80	<=38.45	Pass
		25	0	23.37	-4.36	16.86	<=38.45	Pass
	846.5	1	0	24.39	-4.36	17.88	<=38.45	Pass
			13	24.44	-4.36	17.93	<=38.45	Pass
			24	24.37	-4.36	17.86	<=38.45	Pass
		12	0	23.38	-4.36	16.87	<=38.45	Pass
			6	23.37	-4.36	16.86	<=38.45	Pass
			13	23.34	-4.36	16.83	<=38.45	Pass
		25	0	23.38	-4.36	16.87	<=38.45	Pass
16QAM	826.5	1	0	23.13	-4.36	16.62	<=38.45	Pass
			13	23.32	-4.36	16.81	<=38.45	Pass

			24	23.51	-4.36	17.00	<=38.45	Pass	
		12	0	22.28	-4.36	15.77	<=38.45	Pass	
			6	22.23	-4.36	15.72	<=38.45	Pass	
			13	22.28	-4.36	15.77	<=38.45	Pass	
		25	0	22.30	-4.36	15.79	<=38.45	Pass	
	836.5	1	0	23.19	-4.36	16.68	<=38.45	Pass	
			13	23.42	-4.36	16.91	<=38.45	Pass	
			24	23.56	-4.36	17.05	<=38.45	Pass	
		12	0	22.36	-4.36	15.85	<=38.45	Pass	
			6	22.34	-4.36	15.83	<=38.45	Pass	
			13	22.37	-4.36	15.86	<=38.45	Pass	
		25	0	22.38	-4.36	15.87	<=38.45	Pass	
		846.5	1	0	23.23	-4.36	16.72	<=38.45	Pass
	13			23.41	-4.36	16.90	<=38.45	Pass	
	24			23.54	-4.36	17.03	<=38.45	Pass	
	12		0	22.41	-4.36	15.90	<=38.45	Pass	
			6	22.41	-4.36	15.90	<=38.45	Pass	
			13	22.39	-4.36	15.88	<=38.45	Pass	
	25		0	22.40	-4.36	15.89	<=38.45	Pass	
	64QAM	826.5	1	0	22.47	-4.36	15.96	<=38.45	Pass
				13	22.36	-4.36	15.85	<=38.45	Pass
24				22.24	-4.36	15.73	<=38.45	Pass	
12			0	21.40	-4.36	14.89	<=38.45	Pass	
			6	21.25	-4.36	14.74	<=38.45	Pass	
			13	21.20	-4.36	14.69	<=38.45	Pass	
25			0	21.26	-4.36	14.75	<=38.45	Pass	
836.5		1	0	22.49	-4.36	15.98	<=38.45	Pass	
			13	22.45	-4.36	15.94	<=38.45	Pass	
			24	22.30	-4.36	15.79	<=38.45	Pass	
		12	0	21.48	-4.36	14.97	<=38.45	Pass	
			6	21.35	-4.36	14.84	<=38.45	Pass	
			13	21.29	-4.36	14.78	<=38.45	Pass	
		25	0	21.34	-4.36	14.83	<=38.45	Pass	
846.5		1	0	22.56	-4.36	16.05	<=38.45	Pass	
			13	22.44	-4.36	15.93	<=38.45	Pass	
			24	22.31	-4.36	15.80	<=38.45	Pass	
		12	0	21.51	-4.36	15.00	<=38.45	Pass	
			6	21.41	-4.36	14.90	<=38.45	Pass	
			13	21.30	-4.36	14.79	<=38.45	Pass	
		25	0	21.36	-4.36	14.85	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B26b_10MHz_ERP

Band: 26b / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.26	-4.36	17.75	<=38.45	Pass
			25	24.25	-4.36	17.74	<=38.45	Pass
			49	24.35	-4.36	17.84	<=38.45	Pass
		25	0	23.22	-4.36	16.71	<=38.45	Pass
			13	23.23	-4.36	16.72	<=38.45	Pass
			25	23.28	-4.36	16.77	<=38.45	Pass
		50	0	23.25	-4.36	16.74	<=38.45	Pass
	836.5	1	0	24.38	-4.36	17.87	<=38.45	Pass
			25	24.27	-4.36	17.76	<=38.45	Pass
			49	24.40	-4.36	17.89	<=38.45	Pass

		25	0	23.29	-4.36	16.78	<=38.45	Pass
			13	23.30	-4.36	16.79	<=38.45	Pass
			25	23.36	-4.36	16.85	<=38.45	Pass
		50	0	23.31	-4.36	16.80	<=38.45	Pass
	844	1	0	24.40	-4.36	17.89	<=38.45	Pass
			25	24.30	-4.36	17.79	<=38.45	Pass
			49	24.28	-4.36	17.77	<=38.45	Pass
		25	0	23.36	-4.36	16.85	<=38.45	Pass
			13	23.35	-4.36	16.84	<=38.45	Pass
			25	23.33	-4.36	16.82	<=38.45	Pass
		50	0	23.36	-4.36	16.85	<=38.45	Pass
16QAM	829	1	0	23.78	-4.36	17.27	<=38.45	Pass
			25	23.73	-4.36	17.22	<=38.45	Pass
			49	23.80	-4.36	17.29	<=38.45	Pass
		25	0	22.25	-4.36	15.74	<=38.45	Pass
			13	22.28	-4.36	15.77	<=38.45	Pass
			25	22.32	-4.36	15.81	<=38.45	Pass
		50	0	22.25	-4.36	15.74	<=38.45	Pass
	836.5	1	0	23.47	-4.36	16.96	<=38.45	Pass
			25	23.79	-4.36	17.28	<=38.45	Pass
			49	23.33	-4.36	16.82	<=38.45	Pass
		25	0	22.32	-4.36	15.81	<=38.45	Pass
			13	22.36	-4.36	15.85	<=38.45	Pass
			25	22.42	-4.36	15.91	<=38.45	Pass
		50	0	22.33	-4.36	15.82	<=38.45	Pass
	844	1	0	23.51	-4.36	17.00	<=38.45	Pass
			25	23.46	-4.36	16.95	<=38.45	Pass
			49	23.52	-4.36	17.01	<=38.45	Pass
		25	0	22.37	-4.36	15.86	<=38.45	Pass
			13	22.38	-4.36	15.87	<=38.45	Pass
			25	22.32	-4.36	15.81	<=38.45	Pass
		50	0	22.35	-4.36	15.84	<=38.45	Pass
64QAM	829	1	0	22.48	-4.36	15.97	<=38.45	Pass
			25	22.41	-4.36	15.90	<=38.45	Pass
			49	22.50	-4.36	15.99	<=38.45	Pass
		25	0	21.24	-4.36	14.73	<=38.45	Pass
			13	21.27	-4.36	14.76	<=38.45	Pass
			25	21.30	-4.36	14.79	<=38.45	Pass
		50	0	21.27	-4.36	14.76	<=38.45	Pass
	836.5	1	0	22.54	-4.36	16.03	<=38.45	Pass
			25	22.14	-4.36	15.63	<=38.45	Pass
			49	22.38	-4.36	15.87	<=38.45	Pass
		25	0	21.32	-4.36	14.81	<=38.45	Pass
			13	21.36	-4.36	14.85	<=38.45	Pass
			25	21.41	-4.36	14.90	<=38.45	Pass
		50	0	21.34	-4.36	14.83	<=38.45	Pass
	844	1	0	22.42	-4.36	15.91	<=38.45	Pass
			25	22.33	-4.36	15.82	<=38.45	Pass
			49	22.38	-4.36	15.87	<=38.45	Pass
		25	0	21.42	-4.36	14.91	<=38.45	Pass
			13	21.43	-4.36	14.92	<=38.45	Pass
50	0	21.40	-4.36	14.89	<=38.45	Pass		
50	0	21.37	-4.36	14.86	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.5 B26b_15MHz_ERP

Band: 26b / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	24.32	-4.36	17.81	<=38.45	Pass
			38	24.34	-4.36	17.83	<=38.45	Pass
			74	24.43	-4.36	17.92	<=38.45	Pass
		36	0	23.25	-4.36	16.74	<=38.45	Pass
			18	23.27	-4.36	16.76	<=38.45	Pass
			39	23.28	-4.36	16.77	<=38.45	Pass
		75	0	23.27	-4.36	16.76	<=38.45	Pass
	836.5	1	0	24.31	-4.36	17.80	<=38.45	Pass
			38	24.35	-4.36	17.84	<=38.45	Pass
			74	24.40	-4.36	17.89	<=38.45	Pass
		36	0	23.27	-4.36	16.76	<=38.45	Pass
			18	23.30	-4.36	16.79	<=38.45	Pass
			39	23.31	-4.36	16.80	<=38.45	Pass
		75	0	23.32	-4.36	16.81	<=38.45	Pass
	841.5	1	0	24.40	-4.36	17.89	<=38.45	Pass
			38	24.37	-4.36	17.86	<=38.45	Pass
			74	24.33	-4.36	17.82	<=38.45	Pass
		36	0	23.31	-4.36	16.80	<=38.45	Pass
			18	23.31	-4.36	16.80	<=38.45	Pass
			39	23.30	-4.36	16.79	<=38.45	Pass
		75	0	23.31	-4.36	16.80	<=38.45	Pass
16QAM	831.5	1	0	23.79	-4.36	17.28	<=38.45	Pass
			38	23.81	-4.36	17.30	<=38.45	Pass
			74	23.76	-4.36	17.25	<=38.45	Pass
		36	0	22.29	-4.36	15.78	<=38.45	Pass
			18	22.30	-4.36	15.79	<=38.45	Pass
			39	22.29	-4.36	15.78	<=38.45	Pass
		75	0	22.32	-4.36	15.81	<=38.45	Pass
	836.5	1	0	23.46	-4.36	16.95	<=38.45	Pass
			38	23.45	-4.36	16.94	<=38.45	Pass
			74	23.48	-4.36	16.97	<=38.45	Pass
		36	0	22.28	-4.36	15.77	<=38.45	Pass
			18	22.34	-4.36	15.83	<=38.45	Pass
			39	22.33	-4.36	15.82	<=38.45	Pass
		75	0	22.36	-4.36	15.85	<=38.45	Pass
	841.5	1	0	23.64	-4.36	17.13	<=38.45	Pass
			38	23.64	-4.36	17.13	<=38.45	Pass
			74	23.62	-4.36	17.11	<=38.45	Pass
		36	0	22.29	-4.36	15.78	<=38.45	Pass
			18	22.32	-4.36	15.81	<=38.45	Pass
			39	22.31	-4.36	15.80	<=38.45	Pass
		75	0	22.34	-4.36	15.83	<=38.45	Pass
64QAM	831.5	1	0	22.50	-4.36	15.99	<=38.45	Pass
			38	22.53	-4.36	16.02	<=38.45	Pass
			74	22.49	-4.36	15.98	<=38.45	Pass
		36	0	21.29	-4.36	14.78	<=38.45	Pass
			18	21.31	-4.36	14.80	<=38.45	Pass
			39	21.30	-4.36	14.79	<=38.45	Pass
		75	0	21.32	-4.36	14.81	<=38.45	Pass
	836.5	1	0	22.31	-4.36	15.80	<=38.45	Pass
			38	22.38	-4.36	15.87	<=38.45	Pass
			74	22.34	-4.36	15.83	<=38.45	Pass
		36	0	21.31	-4.36	14.80	<=38.45	Pass
			18	21.35	-4.36	14.84	<=38.45	Pass
			39	21.35	-4.36	14.84	<=38.45	Pass
		75	0	21.36	-4.36	14.85	<=38.45	Pass

	841.5	1	0	22.64	-4.36	16.13	<=38.45	Pass
			38	22.69	-4.36	16.18	<=38.45	Pass
			74	22.55	-4.36	16.04	<=38.45	Pass
		36	0	21.27	-4.36	14.76	<=38.45	Pass
			18	21.31	-4.36	14.80	<=38.45	Pass
			39	21.27	-4.36	14.76	<=38.45	Pass
		75	0	21.36	-4.36	14.85	<=38.45	Pass
		Note1: ERP=Conducted Power+Antenna Gain-2.15						

2. Frequency Stability

2.1 Test Result

2.1.1 B26b_10MHz

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.6	-1.988	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
					4.3	-5.107	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.994	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.821	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0058	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26b_OBW

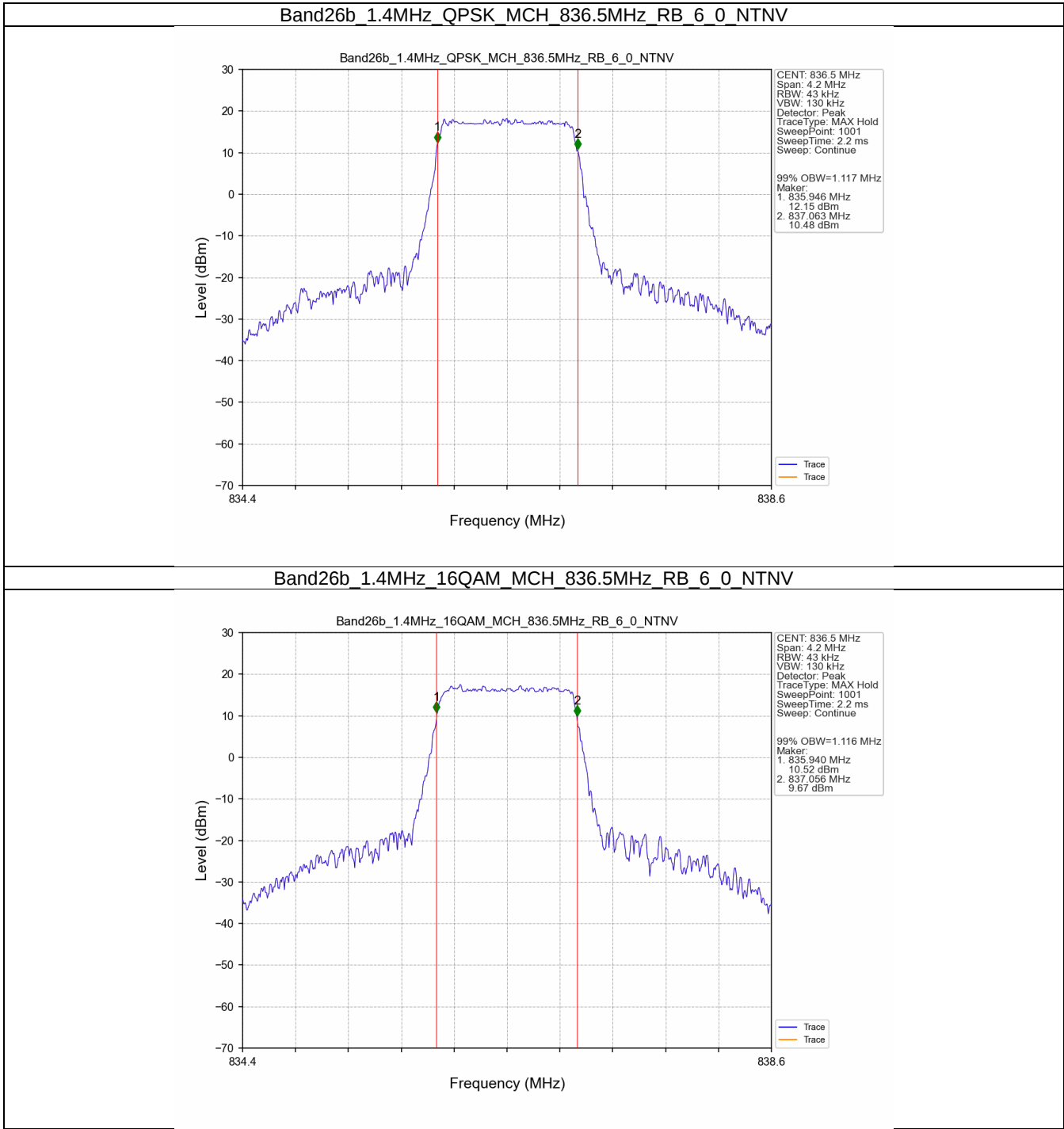
Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.117	/	Pass
	16QAM	836.5	6	0	1.116	/	Pass
3	QPSK	836.5	15	0	2.729	/	Pass
	16QAM	836.5	15	0	2.721	/	Pass
5	QPSK	836.5	25	0	4.541	/	Pass
	16QAM	836.5	25	0	4.539	/	Pass
10	QPSK	836.5	50	0	9.059	/	Pass
	16QAM	836.5	50	0	9.039	/	Pass
15	QPSK	836.5	75	0	13.576	/	Pass
	16QAM	836.5	75	0	13.593	/	Pass

3.1.2 Band26b_XDB

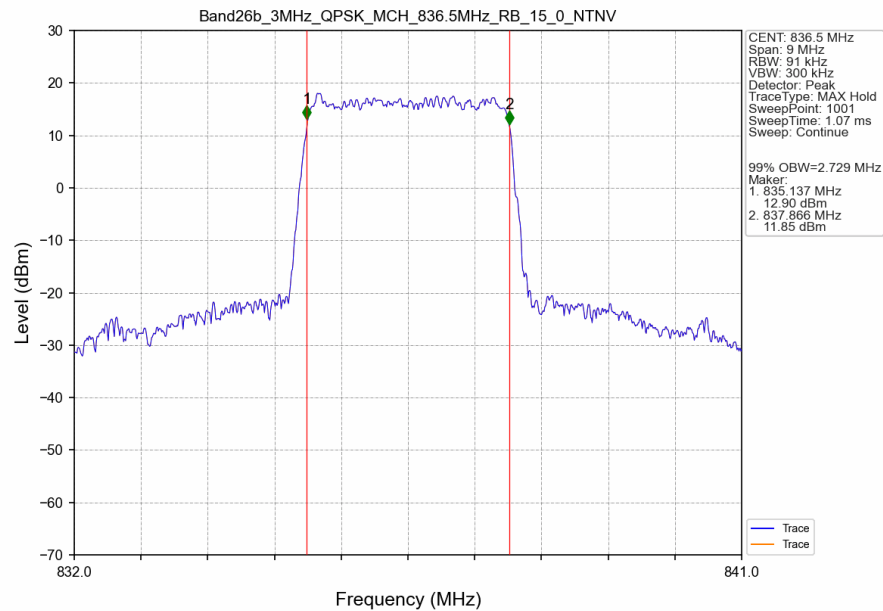
Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.318	/	Pass
	16QAM	836.5	6	0	1.340	/	Pass
3	QPSK	836.5	15	0	3.031	/	Pass
	16QAM	836.5	15	0	3.020	/	Pass
5	QPSK	836.5	25	0	5.053	/	Pass
	16QAM	836.5	25	0	5.036	/	Pass
10	QPSK	836.5	50	0	9.958	/	Pass
	16QAM	836.5	50	0	9.907	/	Pass
15	QPSK	836.5	75	0	14.897	/	Pass
	16QAM	836.5	75	0	14.969	/	Pass

3.2 Test Graph

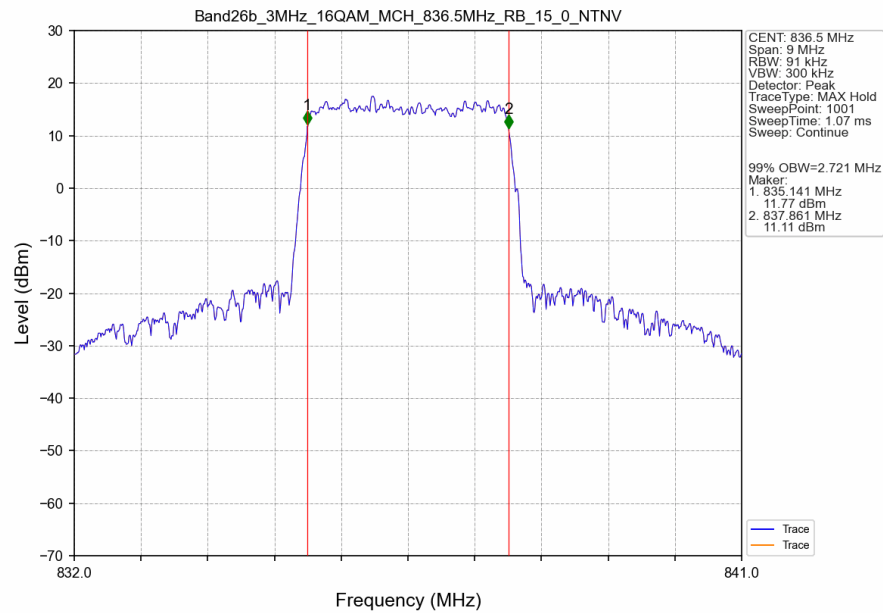
3.2.1 Band26b_OBW



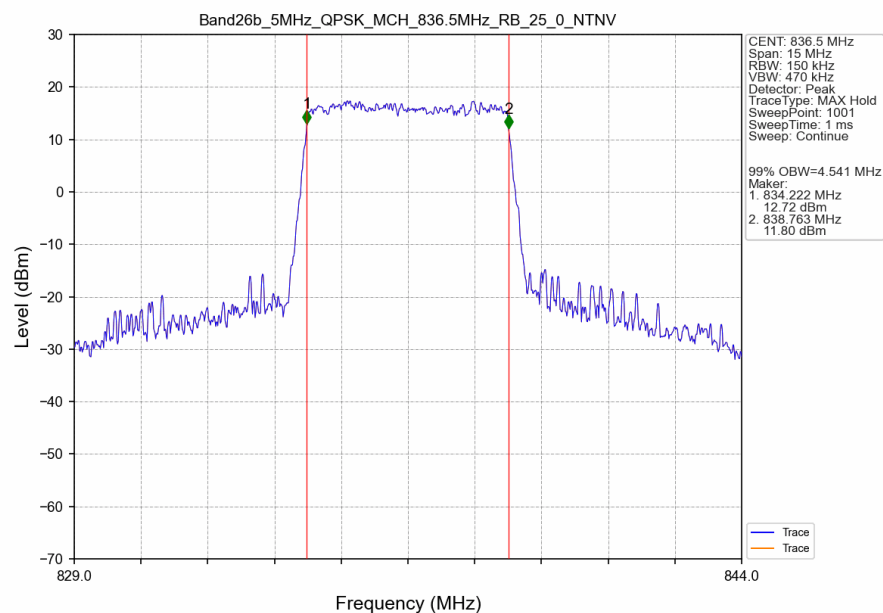
Band26b 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



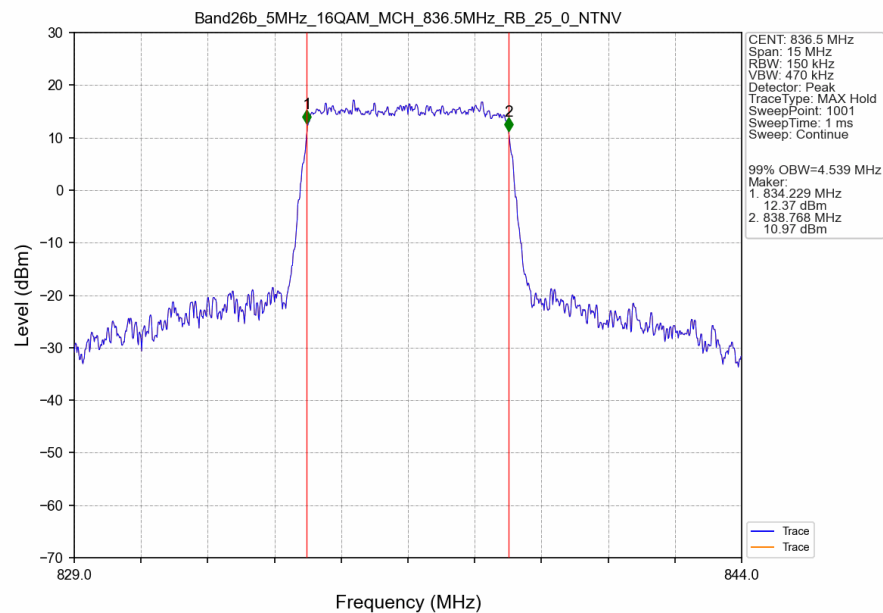
Band26b 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



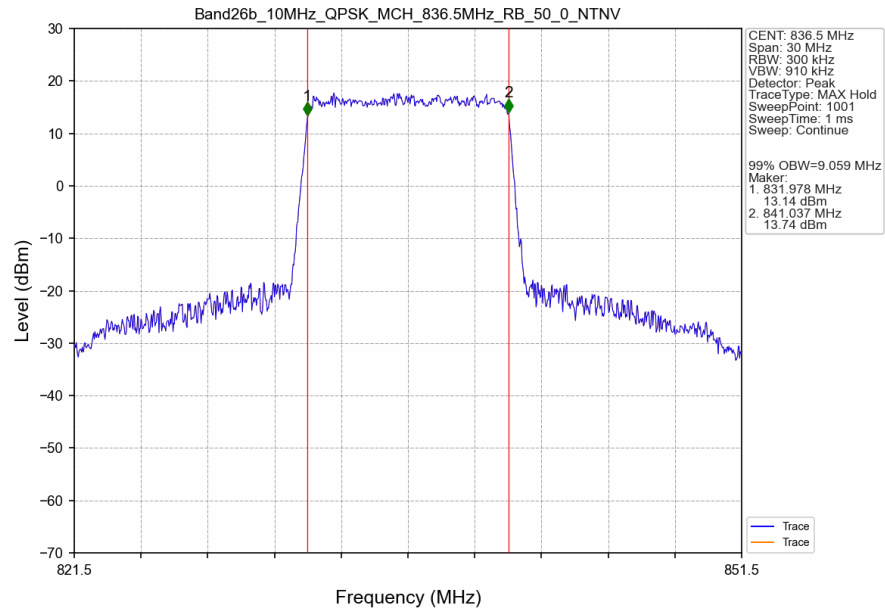
Band26b 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



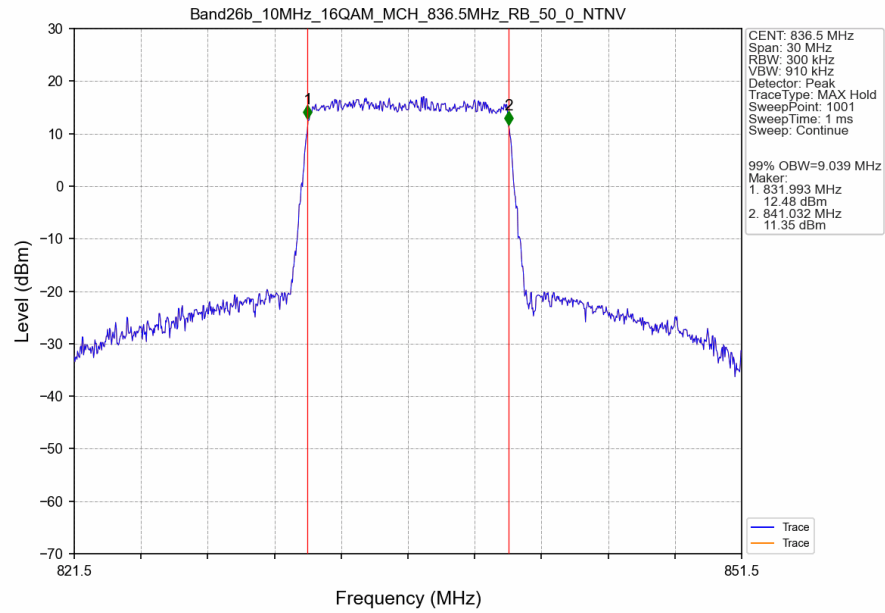
Band26b 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



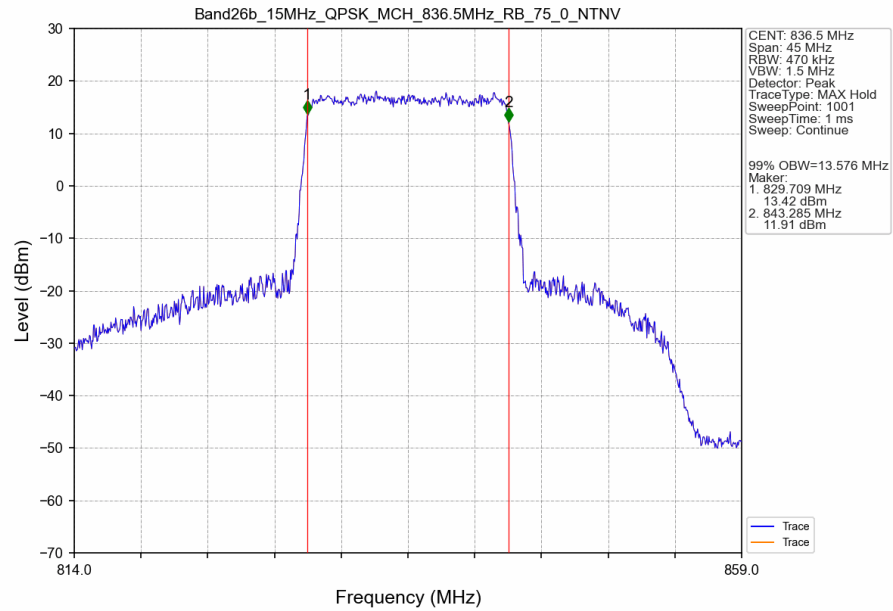
Band26b 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



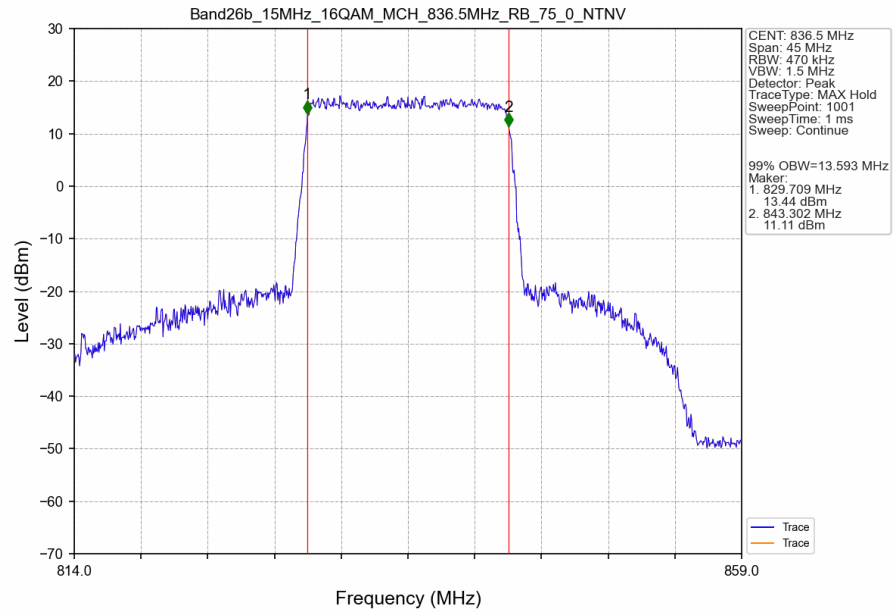
Band26b 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



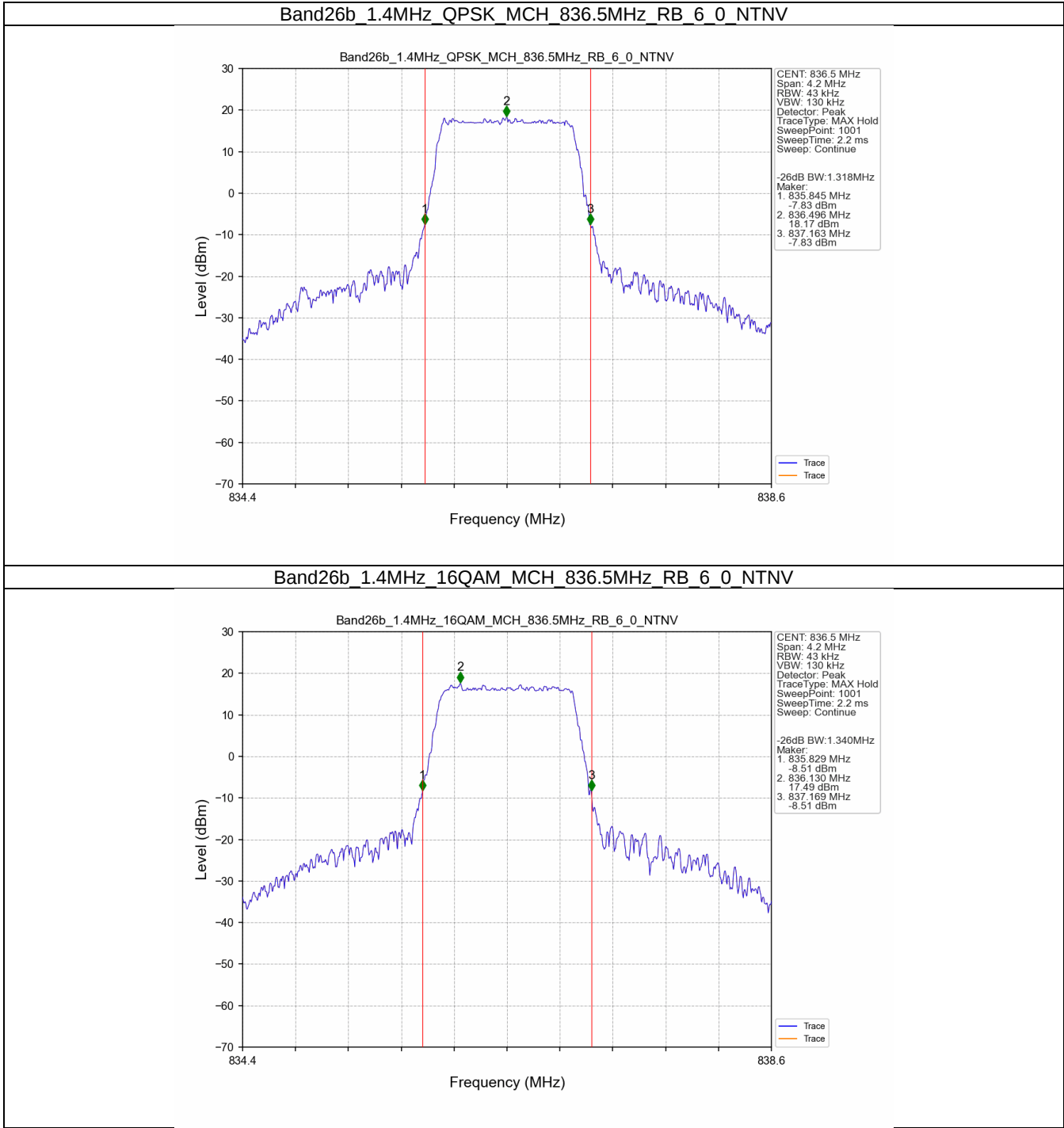
Band26b 15MHz QPSK MCH 836.5MHz RB 75 0 NTNV



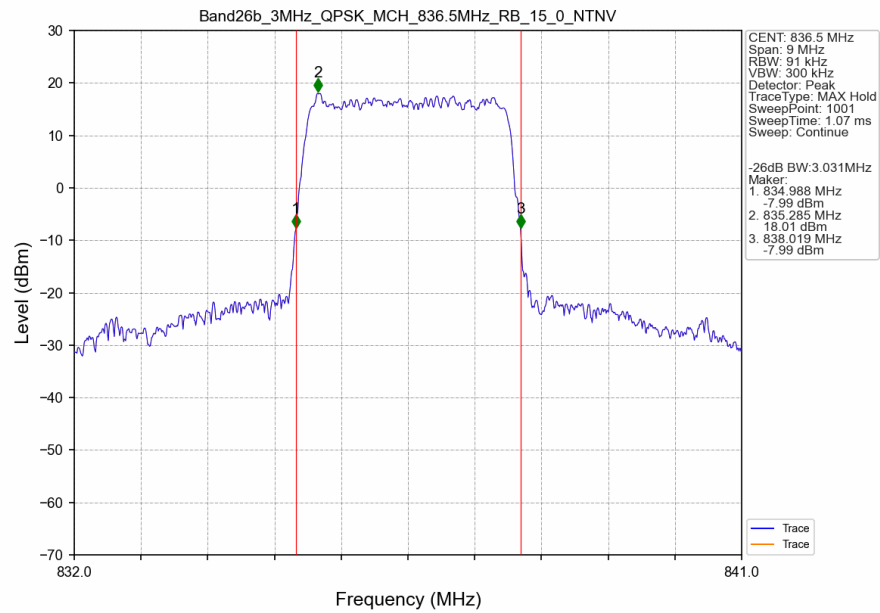
Band26b 15MHz 16QAM MCH 836.5MHz RB 75 0 NTNV



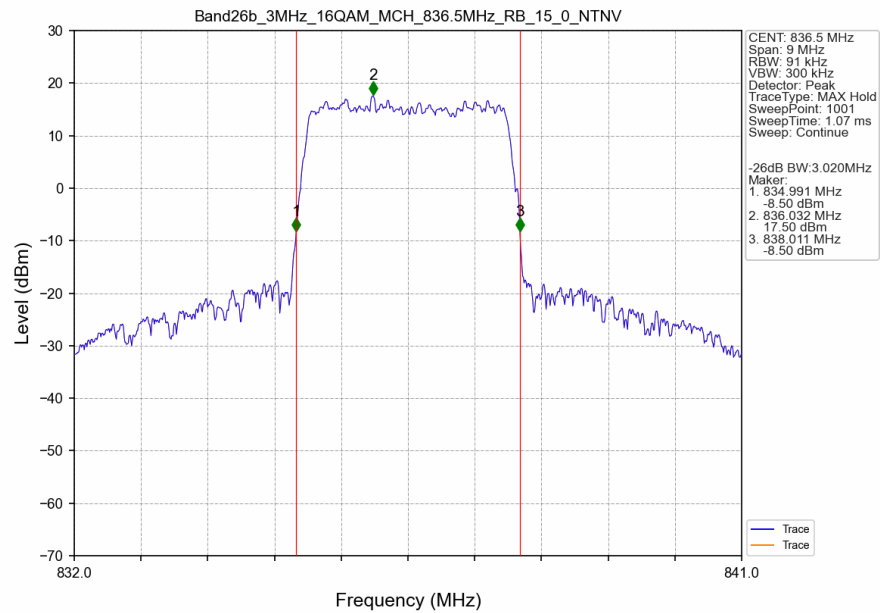
3.2.2 Band26b_XDB



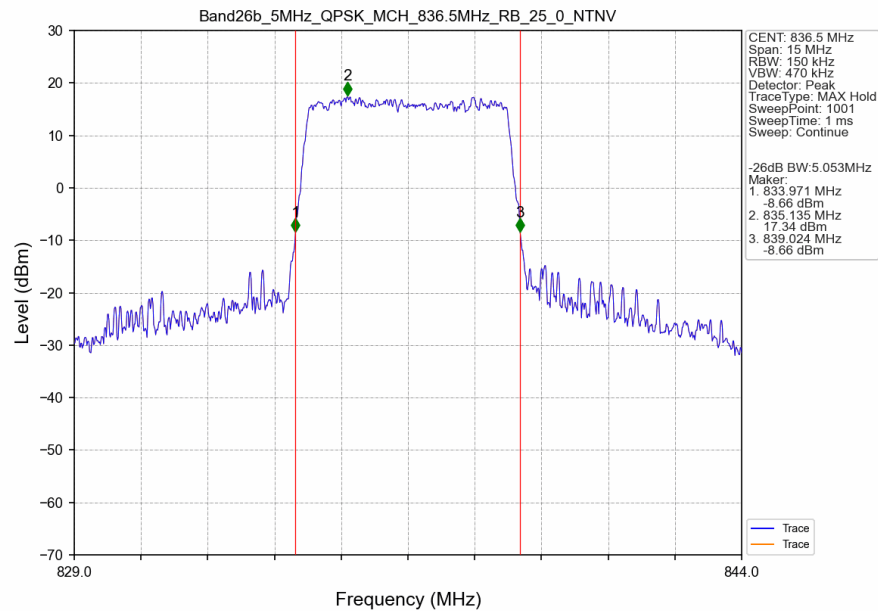
Band26b 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



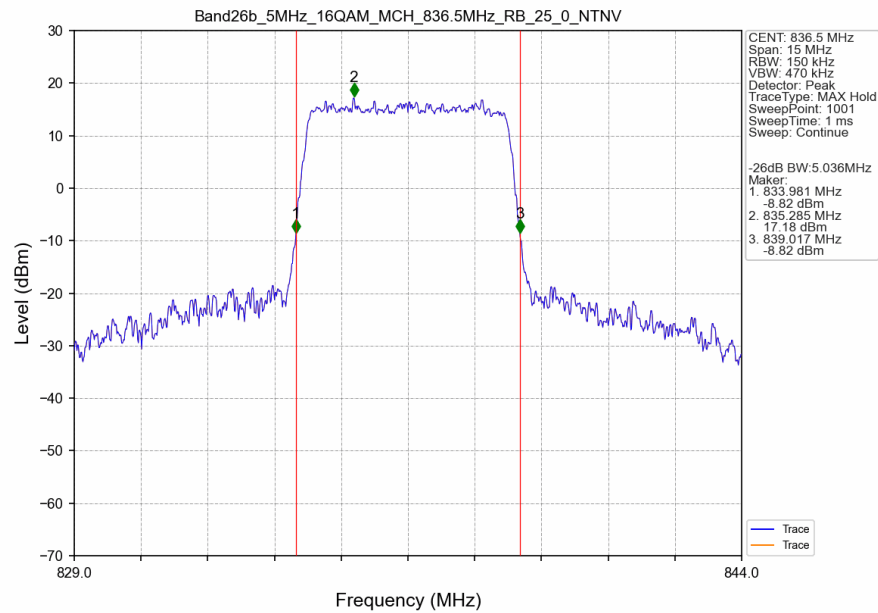
Band26b 3MHz 16QAM MCH 836.5MHz RB 15 0 NTN



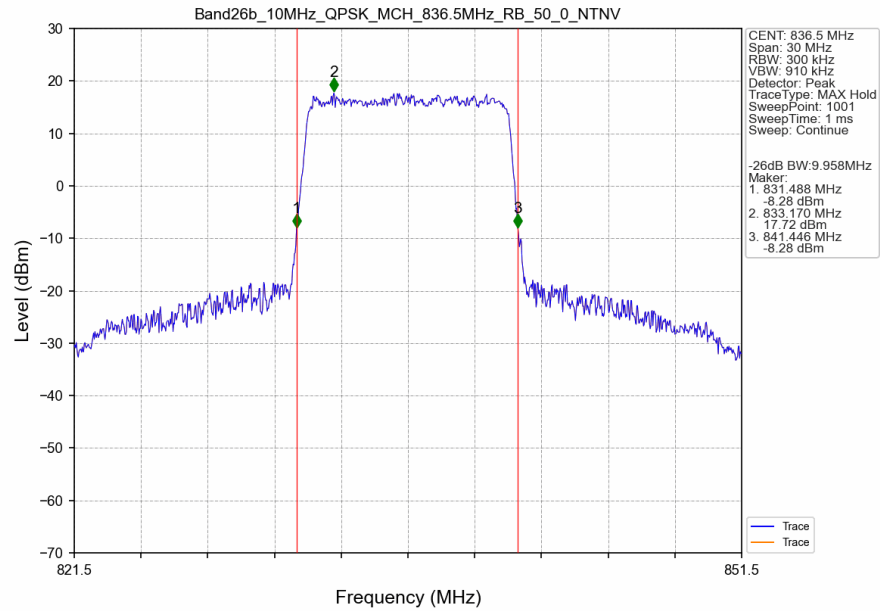
Band26b 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



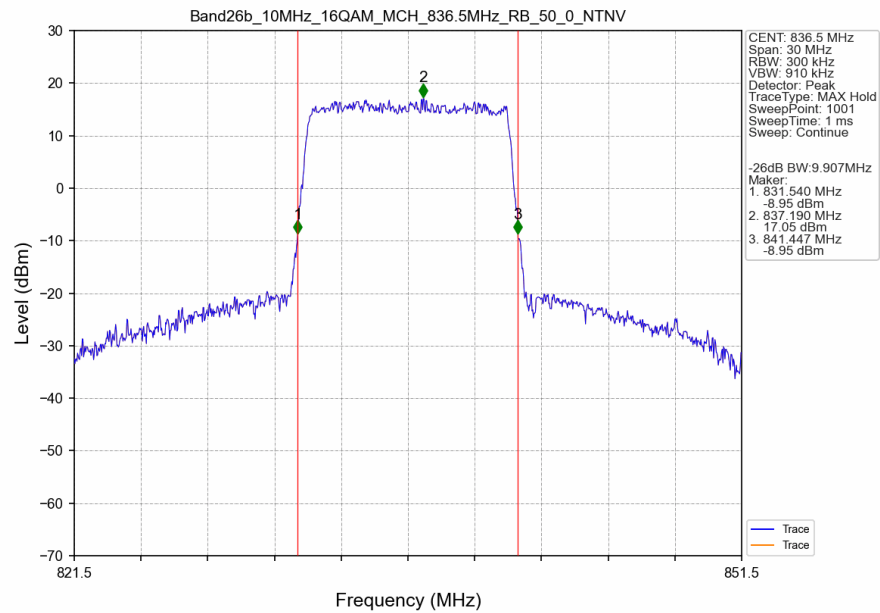
Band26b 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



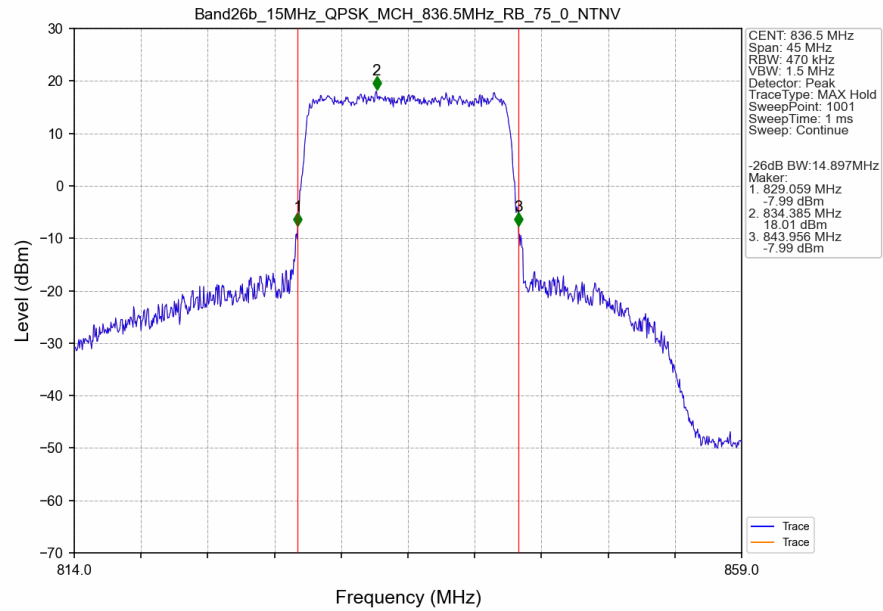
Band26b 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



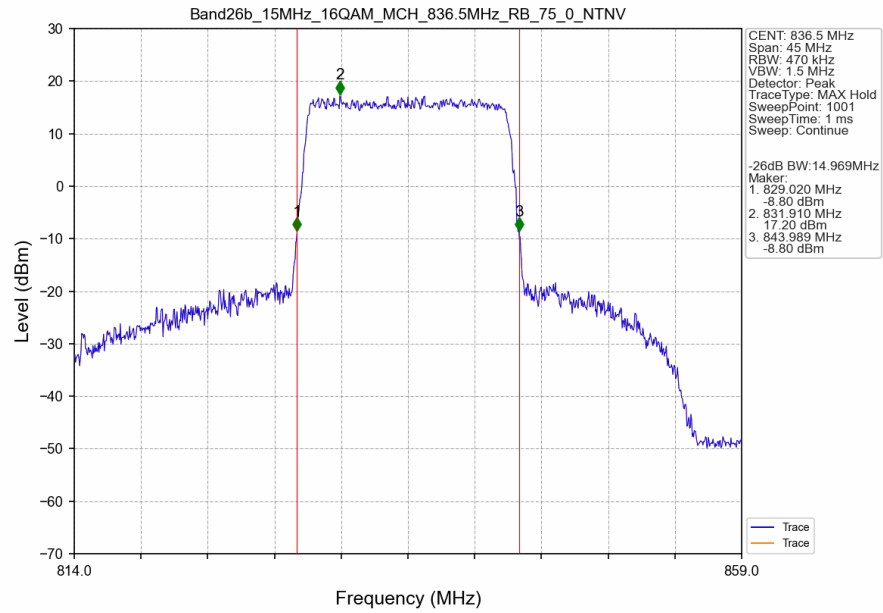
Band26b 10MHz 16QAM MCH 836.5MHz RB 50 0 NTN



Band26b 15MHz QPSK MCH 836.5MHz RB 75 0 NTNV



Band26b 15MHz 16QAM MCH 836.5MHz RB 75 0 NTNV



4. Peak-Average Ratio

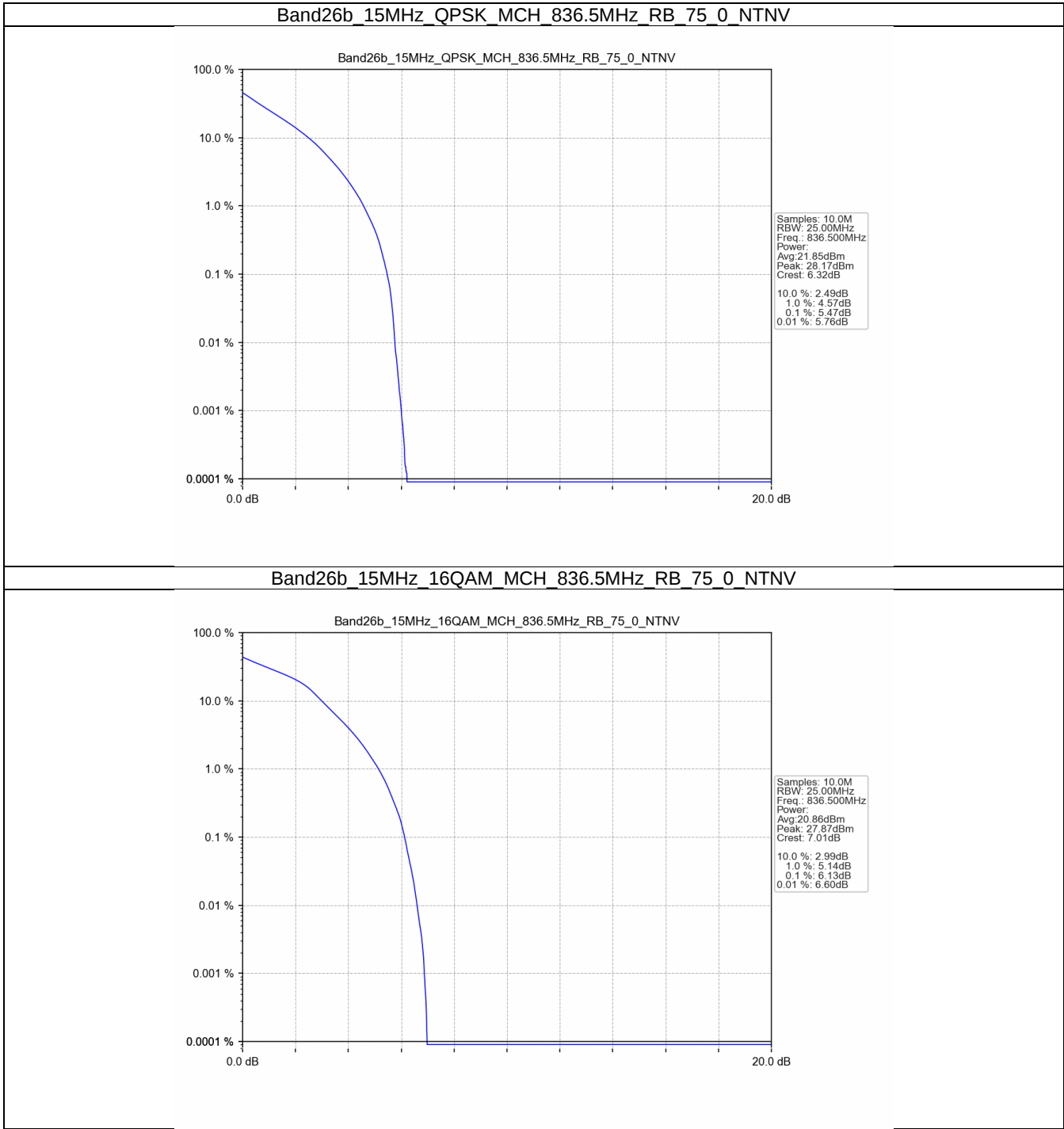
4.1 Test Result

4.1.1 B26b_15MHz

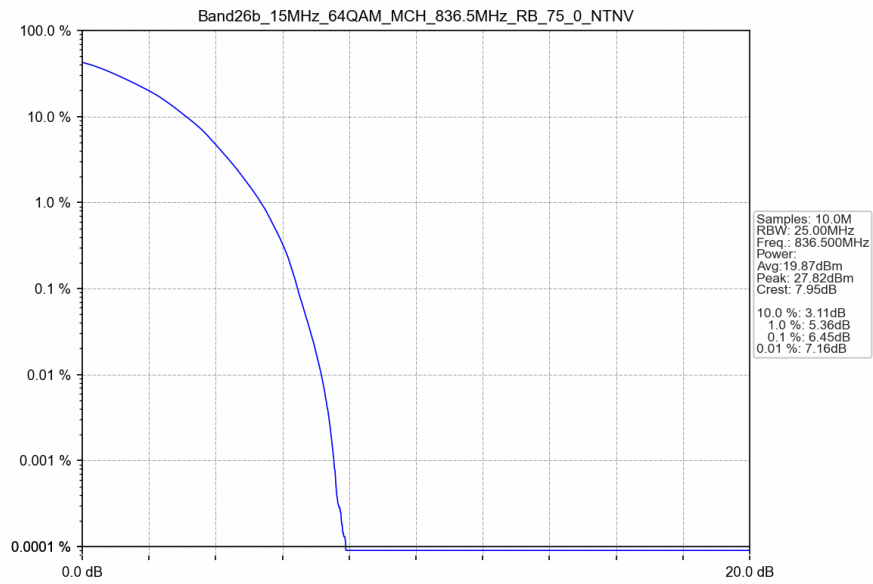
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	75	0	5.47	<=13	Pass
16QAM	836.5	75	0	6.13	<=13	Pass
64QAM	836.5	75	0	6.45	<=13	Pass

4.2 Test Graph

4.2.1 B26b_15MHz



Band26b 15MHz 64QAM MCH 836.5MHz RB 75 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B26b_10MHz

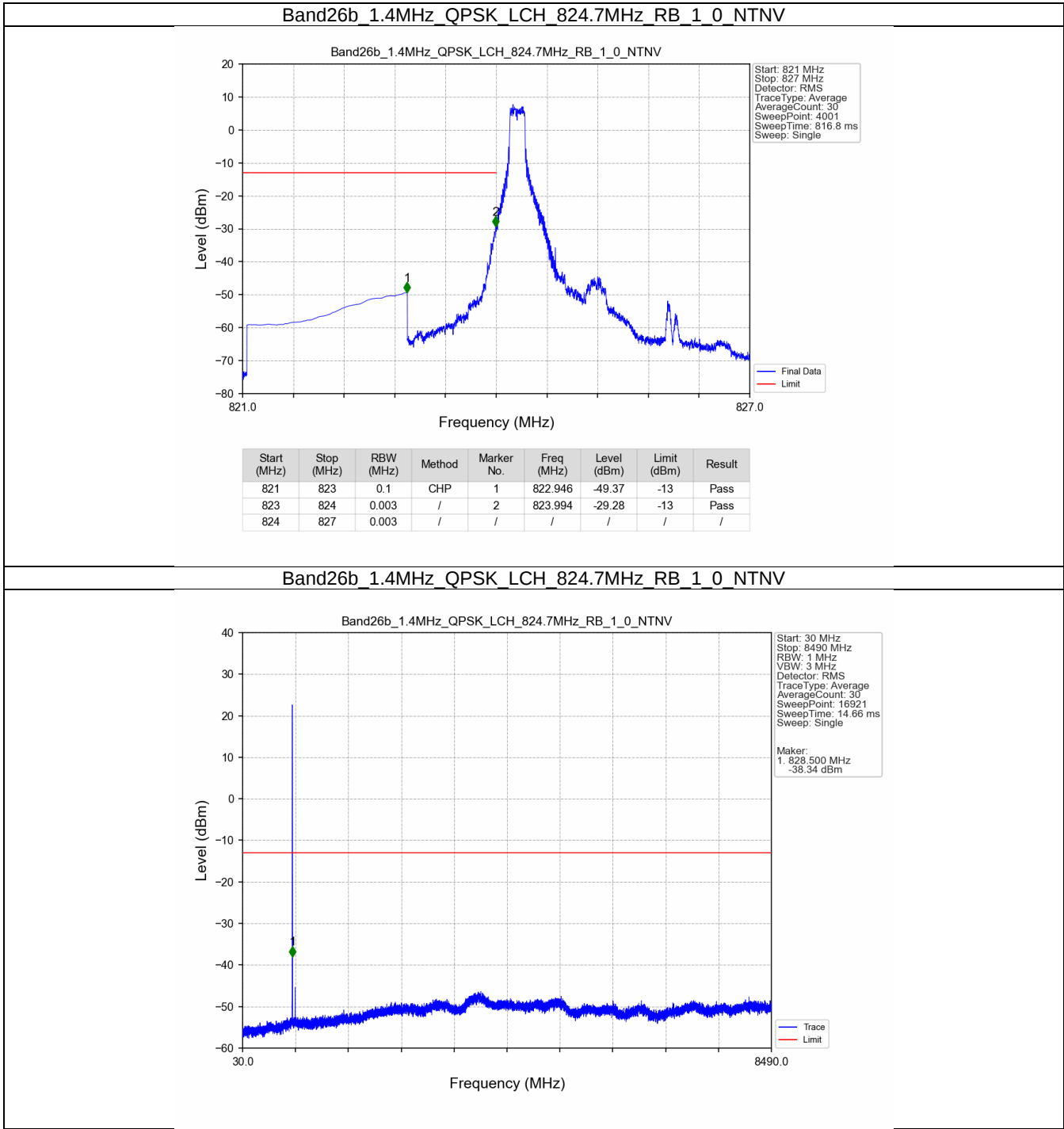
Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B26b_15MHz

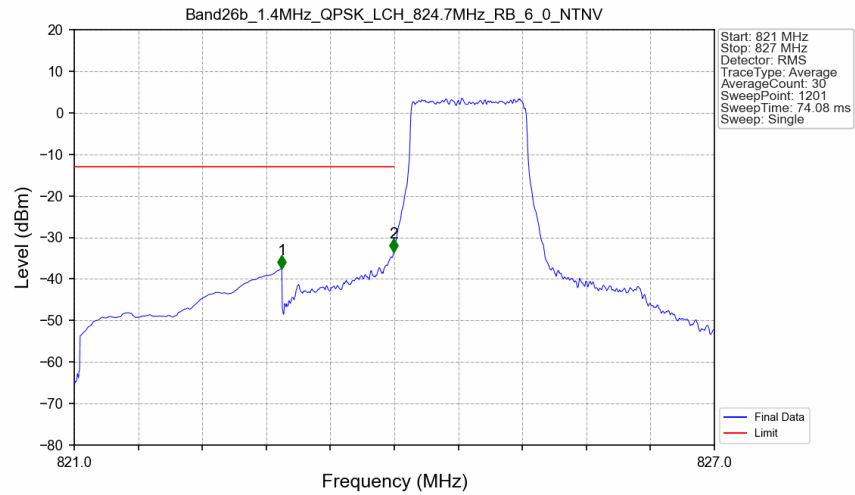
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B26b_1.4MHz

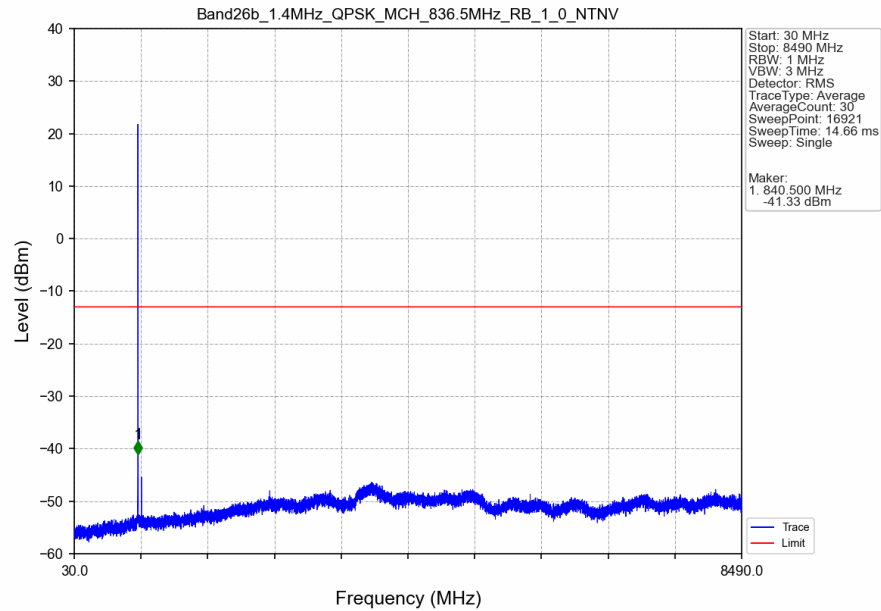


Band26b 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTV

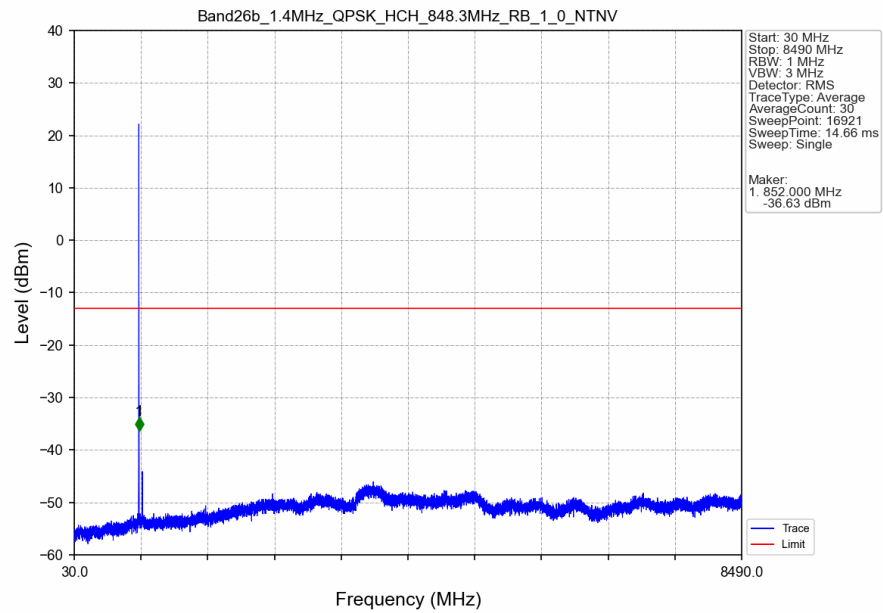


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.42	-13	Pass
823	824	0.013	CHP	2	823.995	-33.44	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

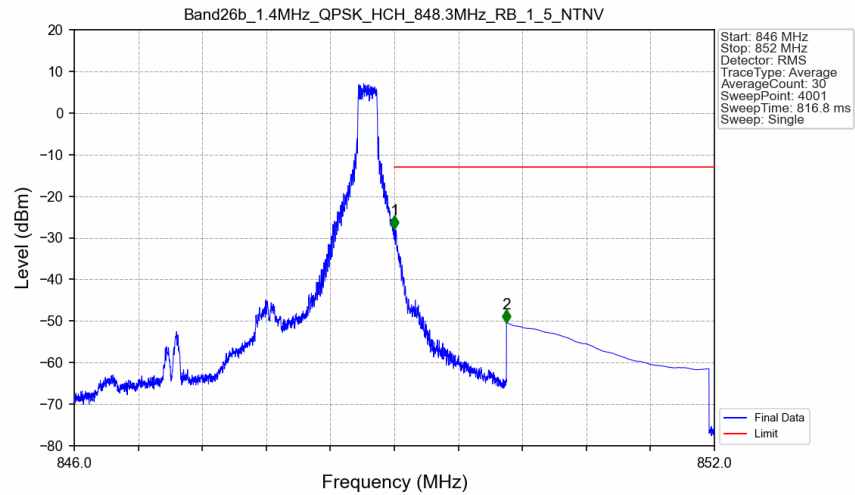
Band26b 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

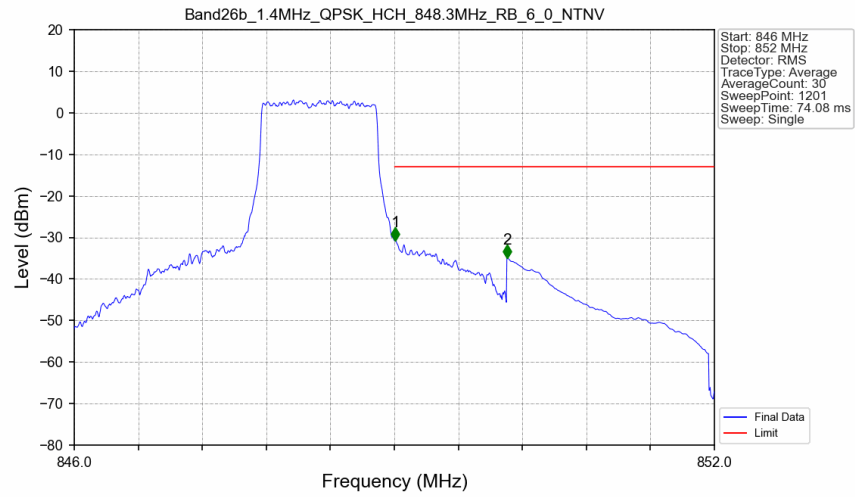


Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



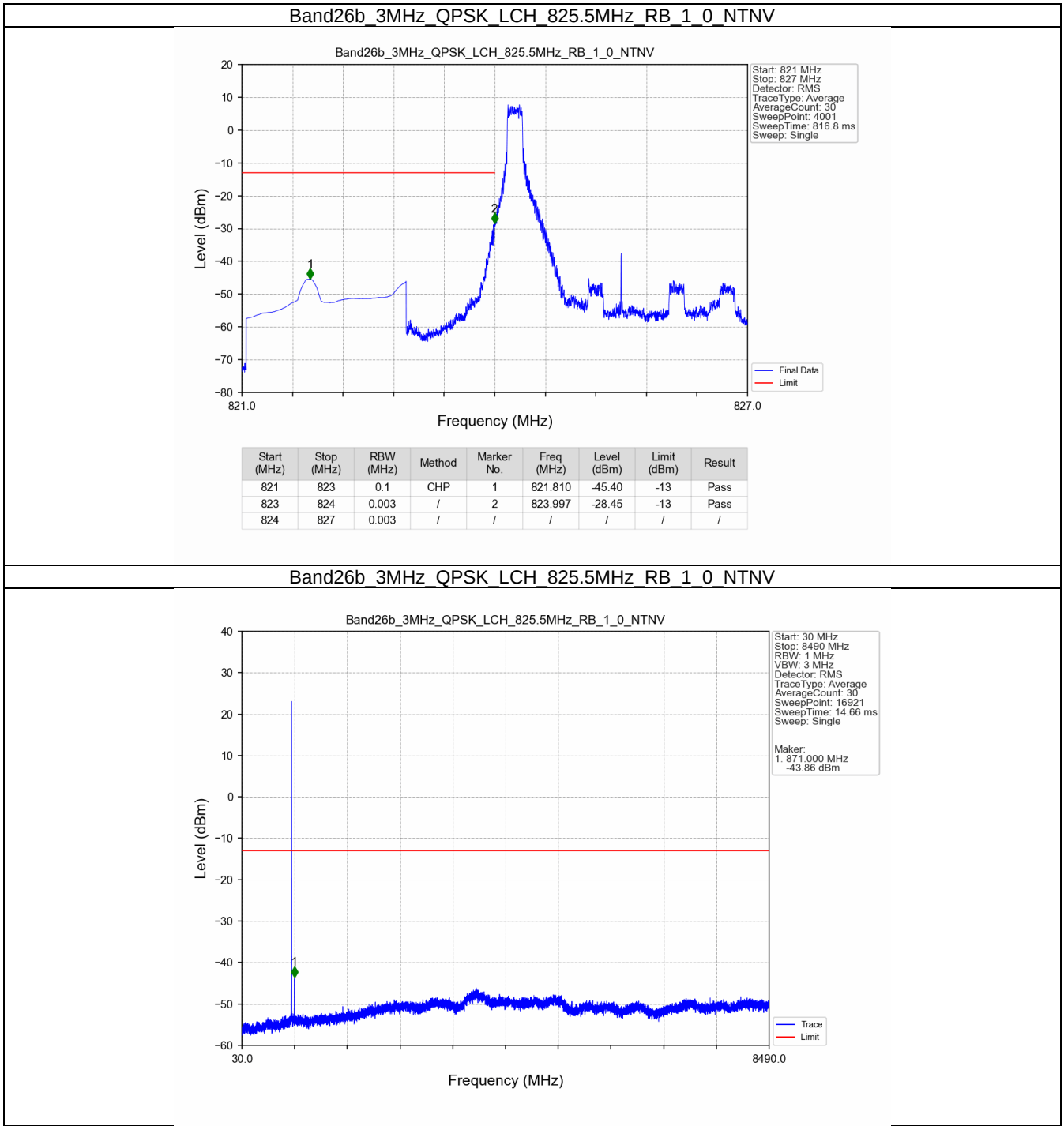
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-27.92	-13	Pass
850	852	0.1	CHP	2	850.052	-50.50	-13	Pass

Band26b 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV

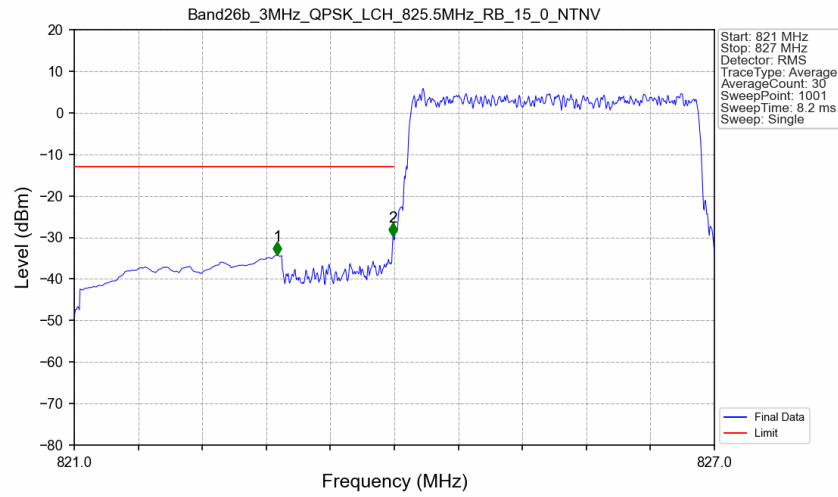


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.010	-30.78	-13	Pass
850	852	0.1	CHP	2	850.055	-34.94	-13	Pass

5.2.2 B26b_3MHz

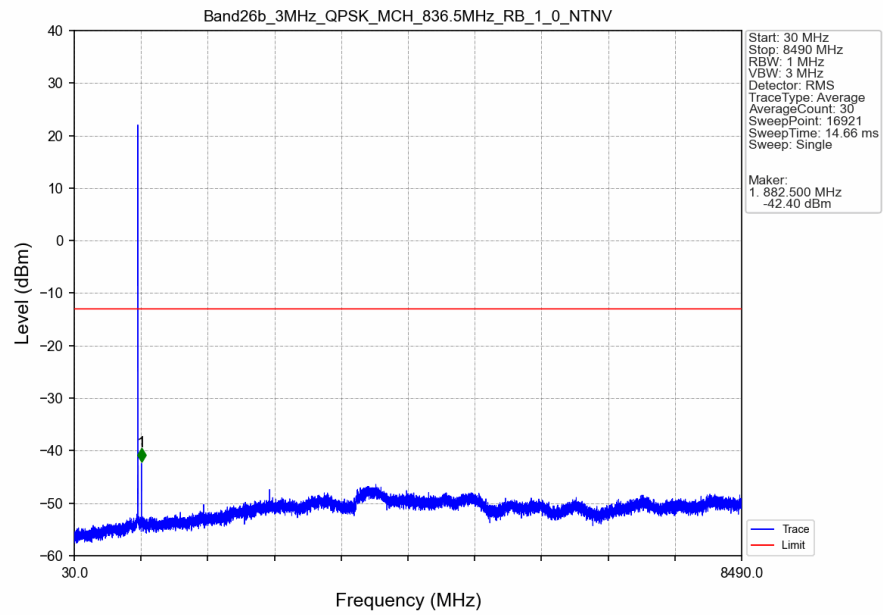


Band26b 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV

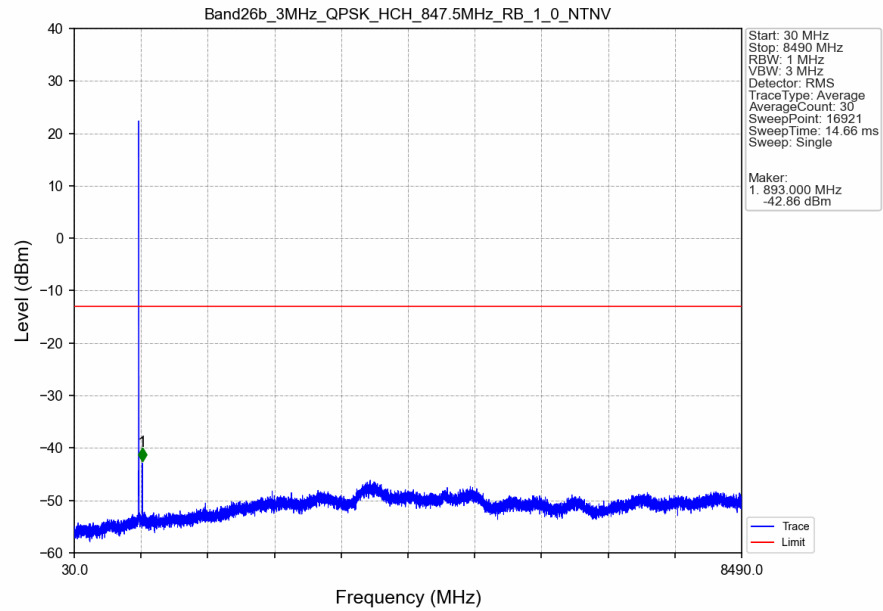


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.902	-34.24	-13	Pass
823	824	0.03	/	2	823.988	-29.67	-13	Pass
824	827	0.03	/	/	/	/	/	/

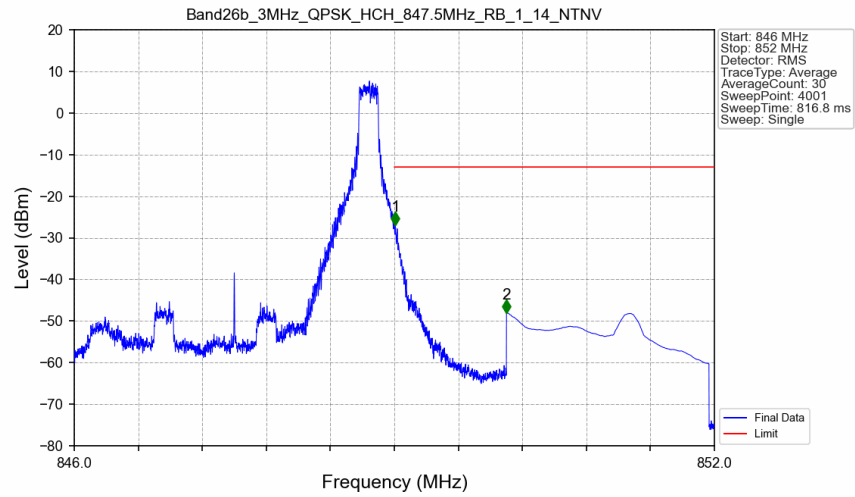
Band26b 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 3MHz QPSK HCH 847.5MHz RB 1 0 NTV

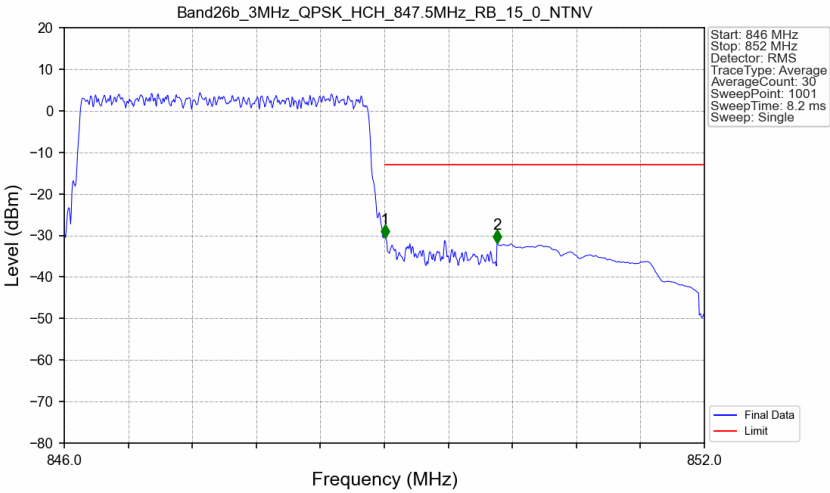


Band26b 3MHz QPSK HCH 847.5MHz RB 1 14 NTV



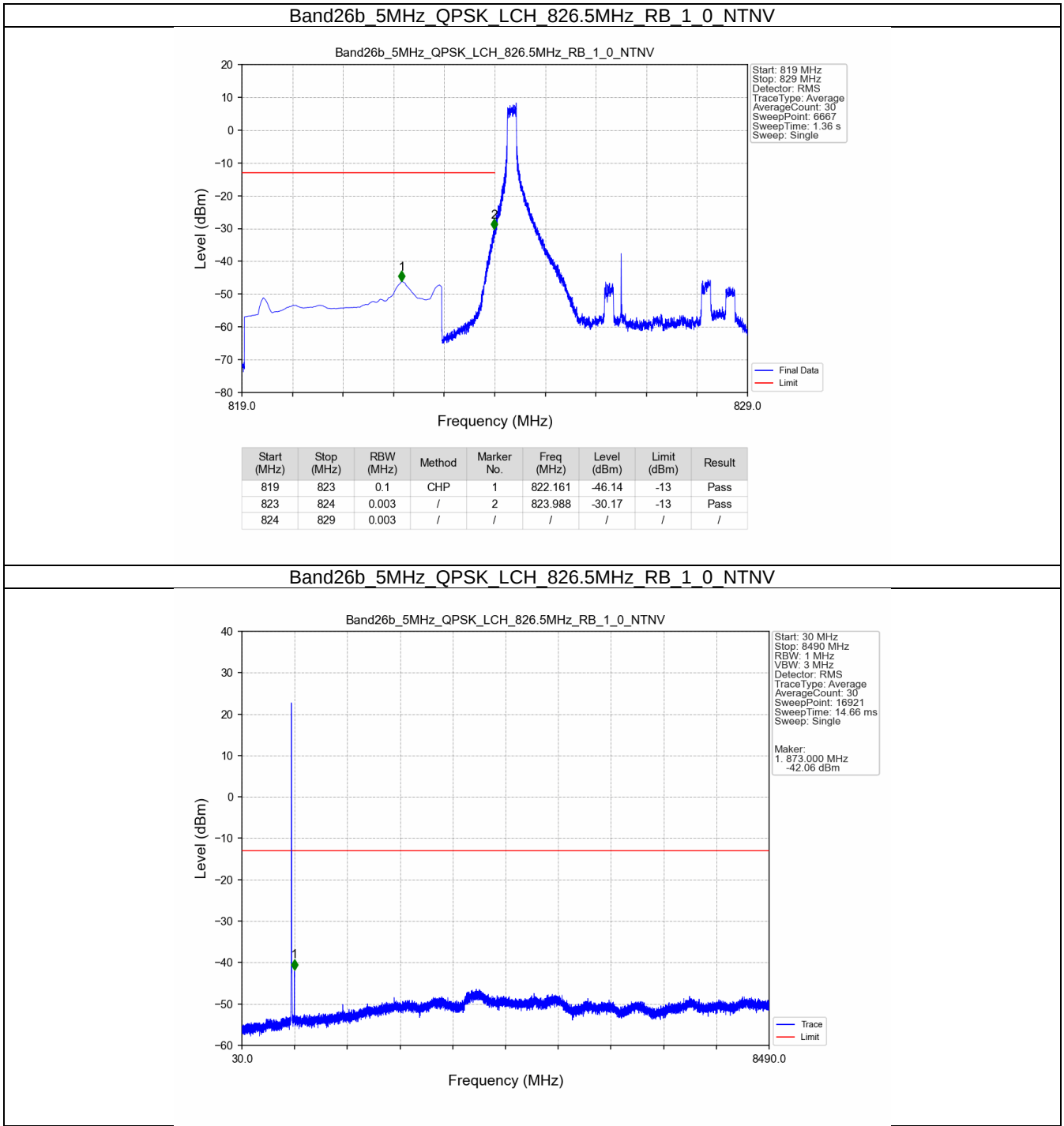
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-26.94	-13	Pass
850	852	0.1	CHP	2	850.052	-48.05	-13	Pass

Band26b 3MHz QPSK HCH 847.5MHz RB 15 0 NTN

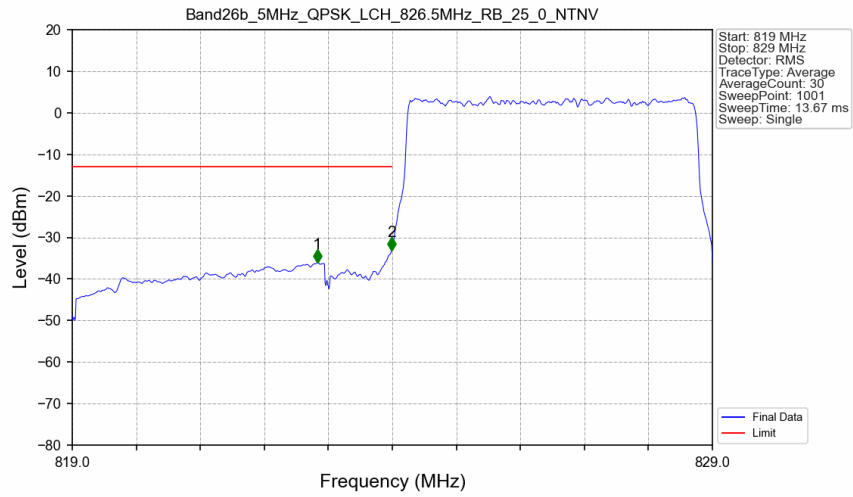


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-30.54	-13	Pass
850	852	0.1	CHP	2	850.056	-31.91	-13	Pass

5.2.3 B26b_5MHz

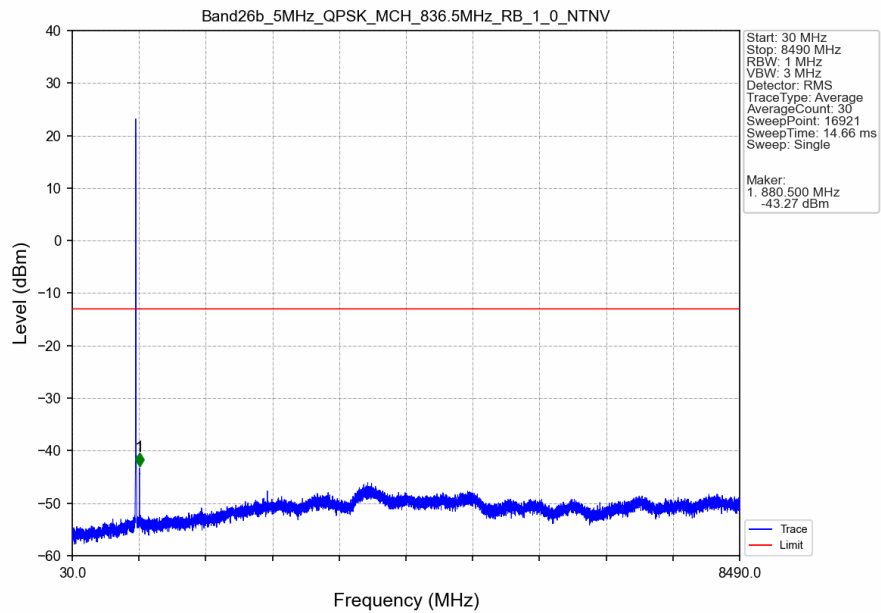


Band26b 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV

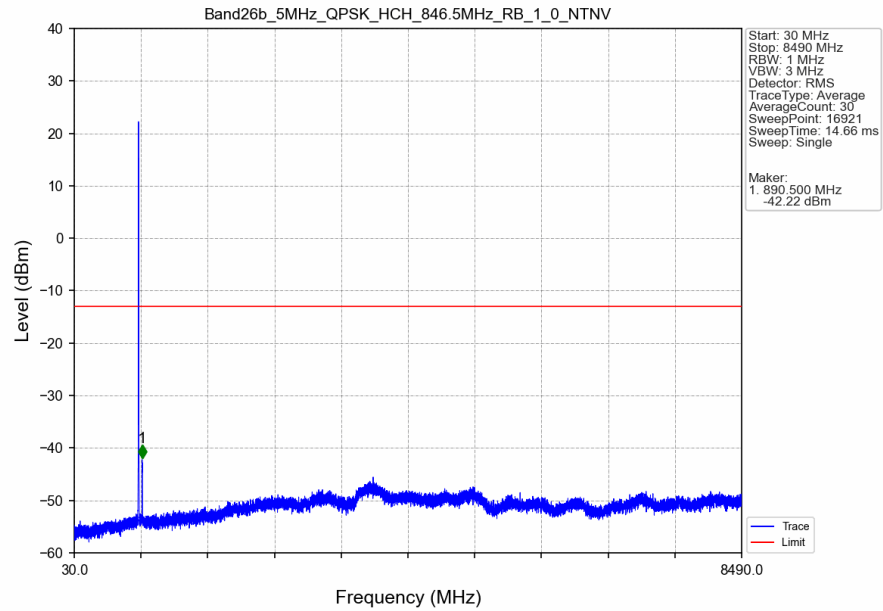


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.830	-36.07	-13	Pass
823	824	0.051	CHP	2	823.990	-33.07	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

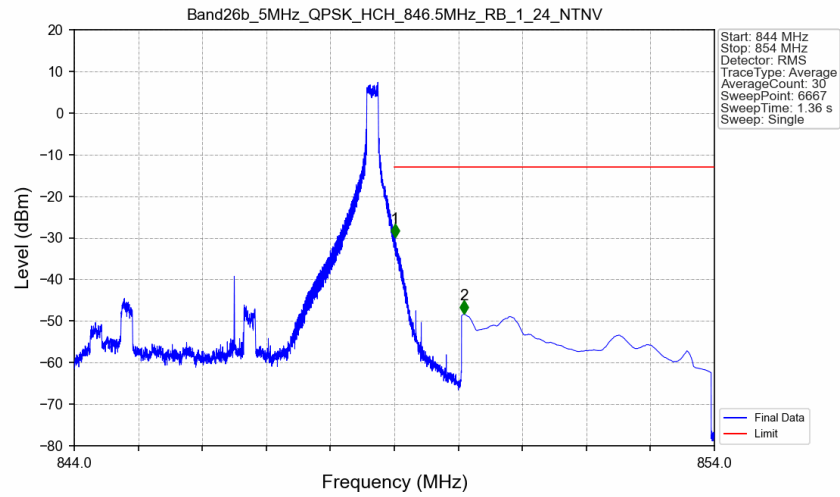
Band26b 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 5MHz QPSK HCH 846.5MHz RB 1 0 NTV

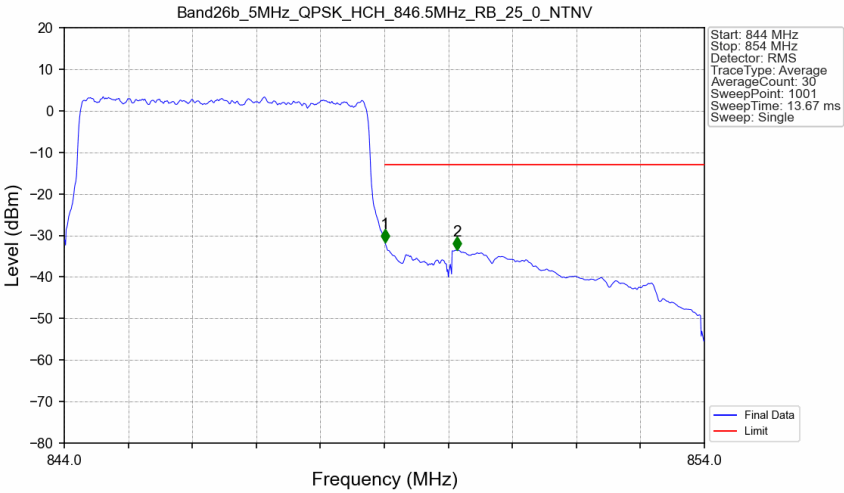


Band26b 5MHz QPSK HCH 846.5MHz RB 1 24 NTV



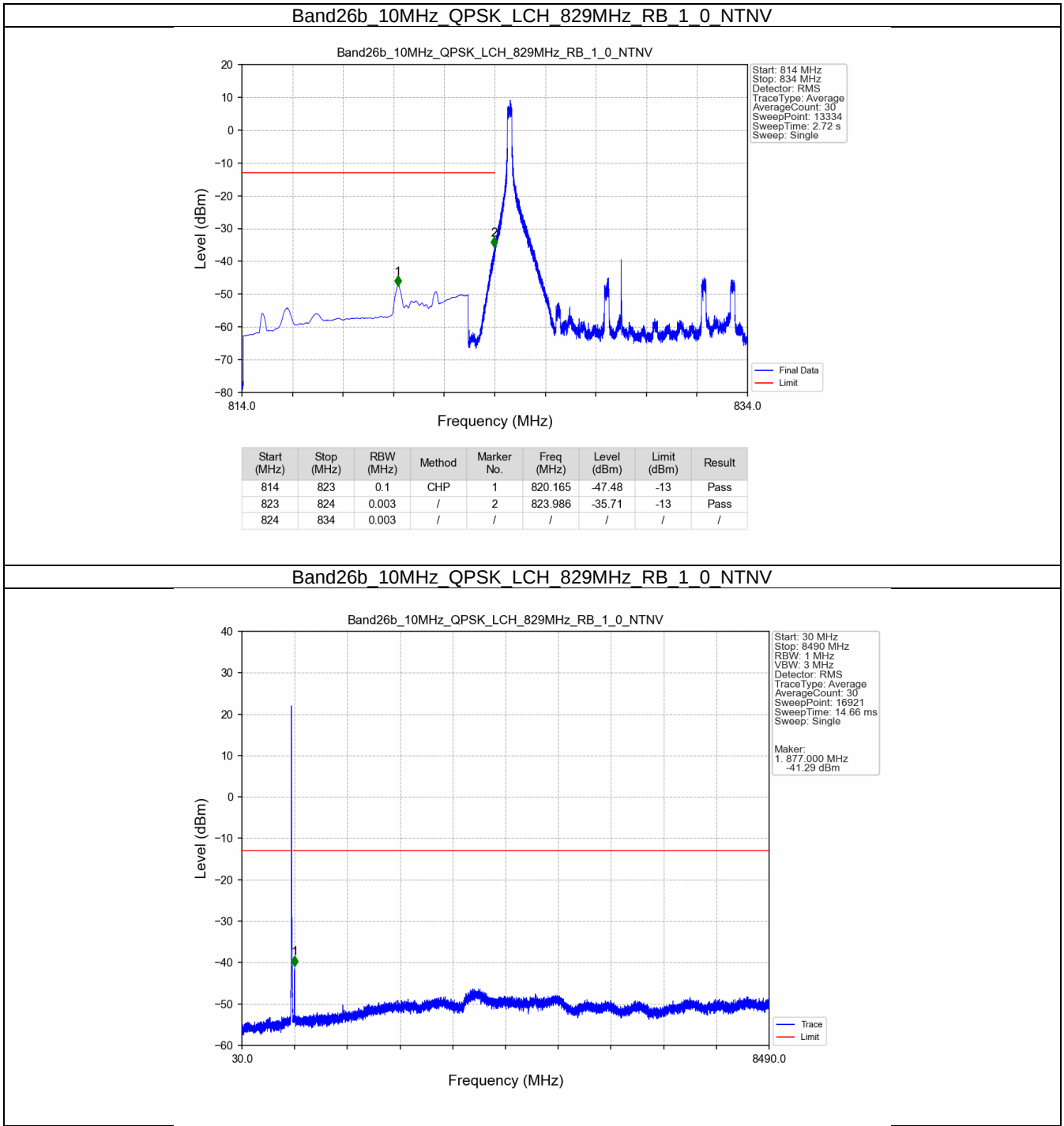
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-29.86	-13	Pass
850	854	0.1	CHP	2	850.091	-48.30	-13	Pass

Band26b 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

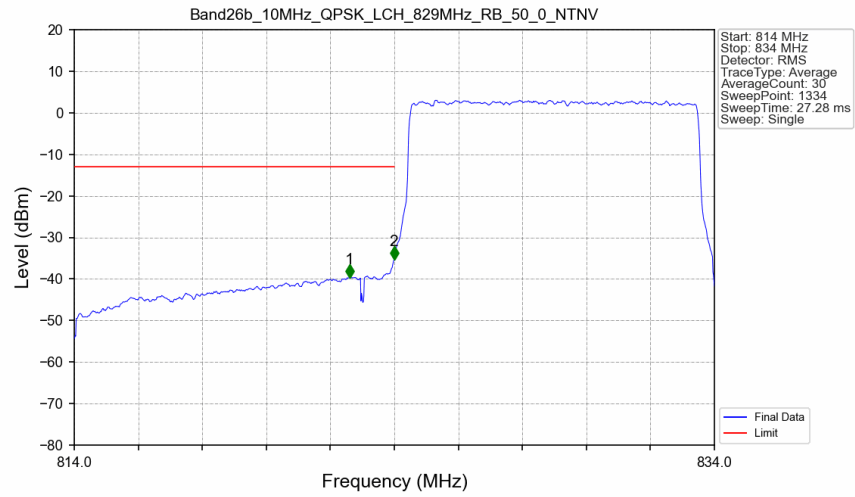


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-31.63	-13	Pass
850	854	0.1	CHP	2	850.140	-33.48	-13	Pass

5.2.4 B26b_10MHz

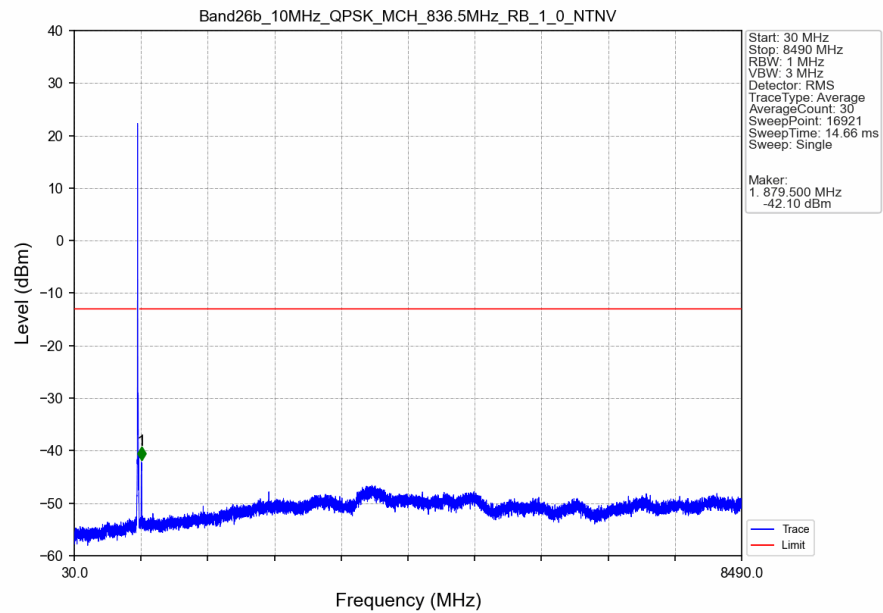


Band26b 10MHz QPSK LCH 829MHz RB 50 0 NTV

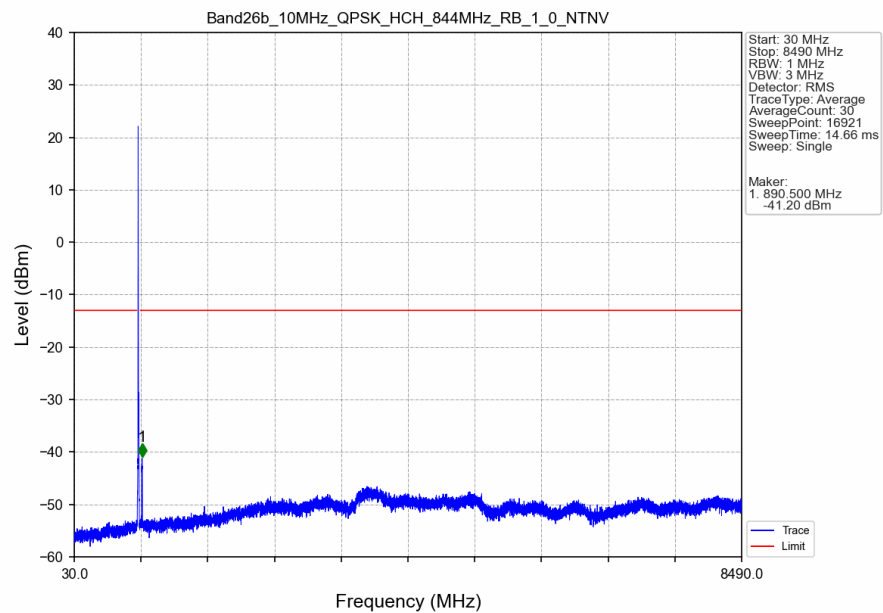


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.597	-39.64	-13	Pass
823	824	0.099	CHP	2	823.992	-35.27	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

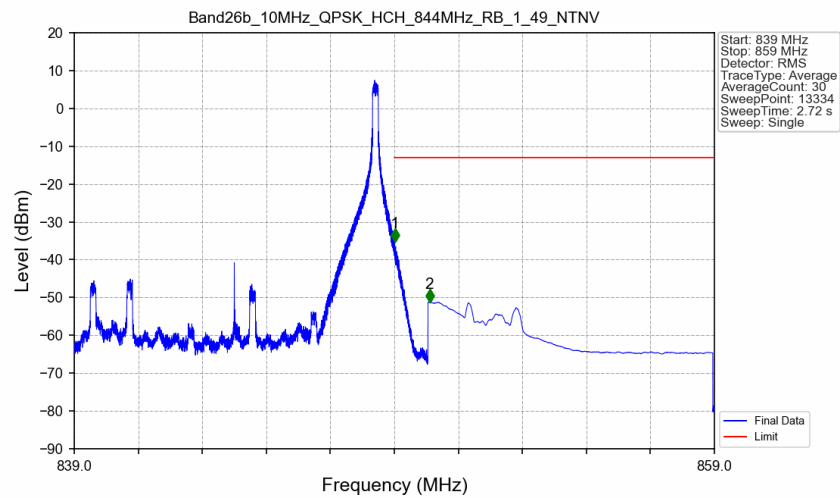
Band26b 10MHz QPSK MCH 836.5MHz RB 1 0 NTV



Band26b 10MHz QPSK HCH 844MHz RB 1 0 NTV

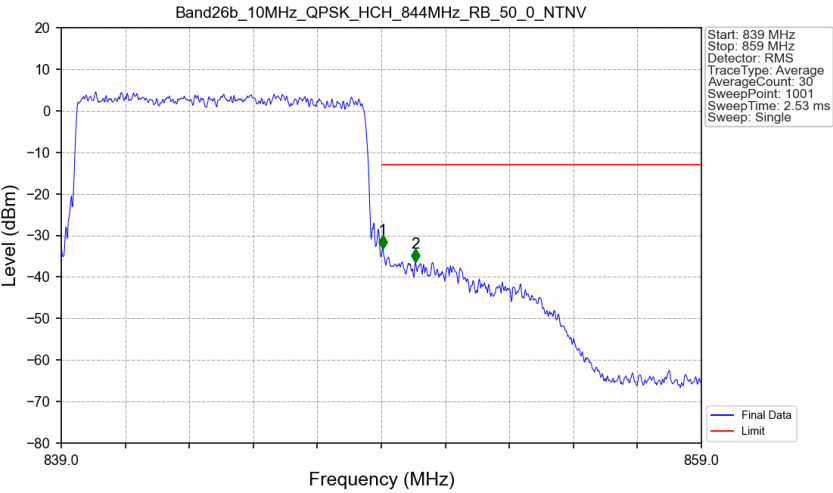


Band26b 10MHz QPSK HCH 844MHz RB 1 49 NTV



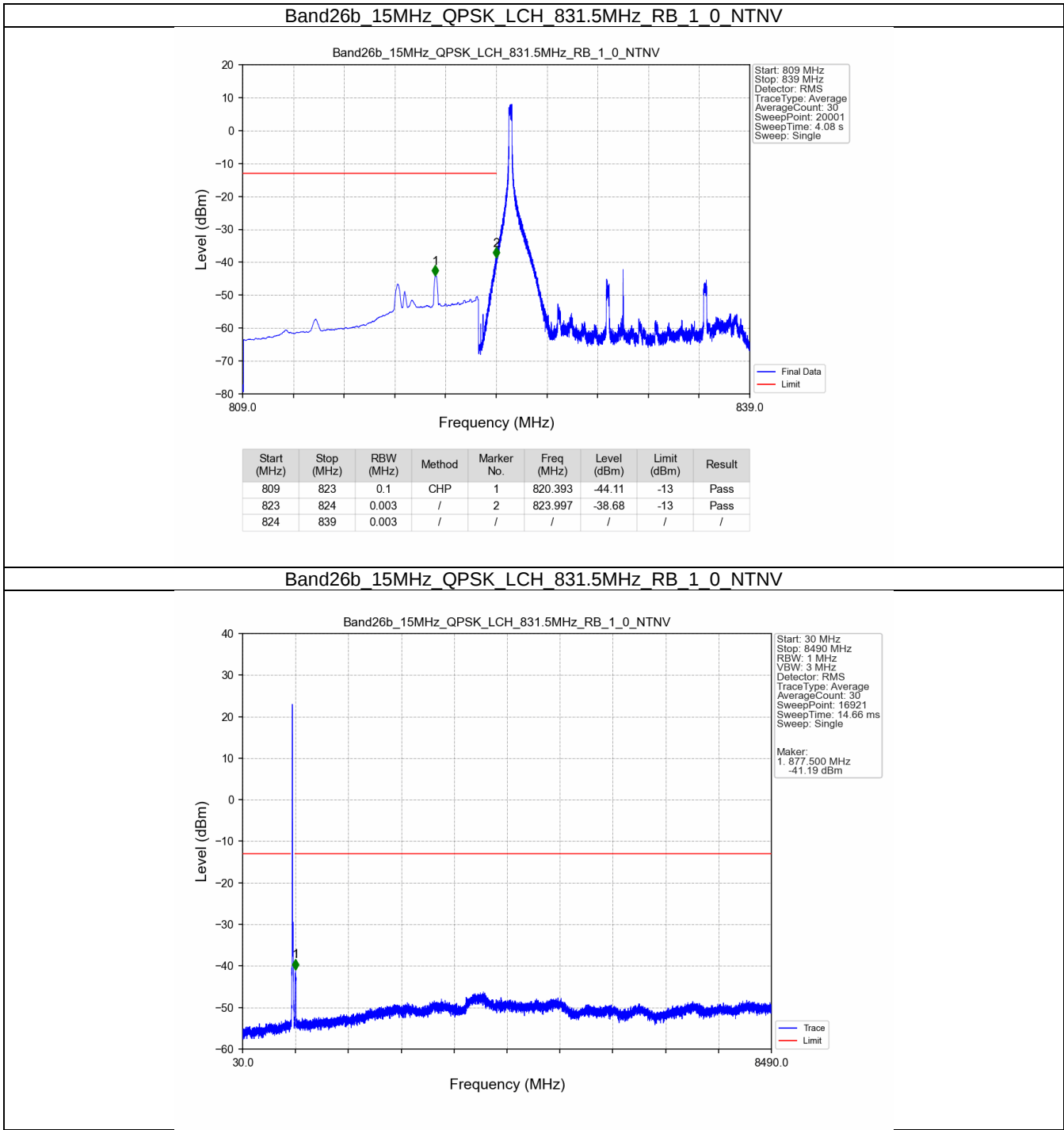
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.013	-35.17	-13	Pass
850	859	0.1	CHP	2	850.100	-51.20	-13	Pass

Band26b 10MHz QPSK HCH 844MHz RB 50 0 NTN

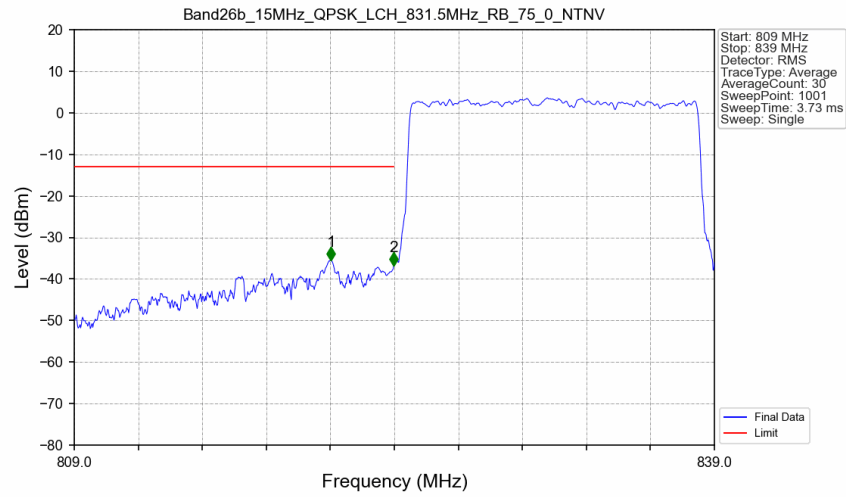


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.040	-33.08	-13	Pass
850	859	0.1	/	2	850.060	-36.37	-13	Pass

5.2.5 B26b_15MHz

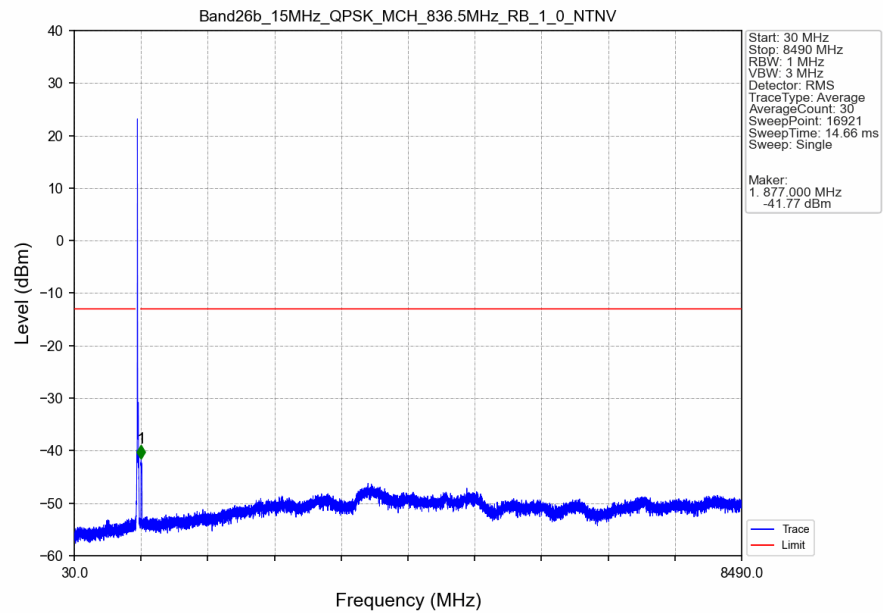


Band26b 15MHz QPSK LCH 831.5MHz RB 75 0 NTNV

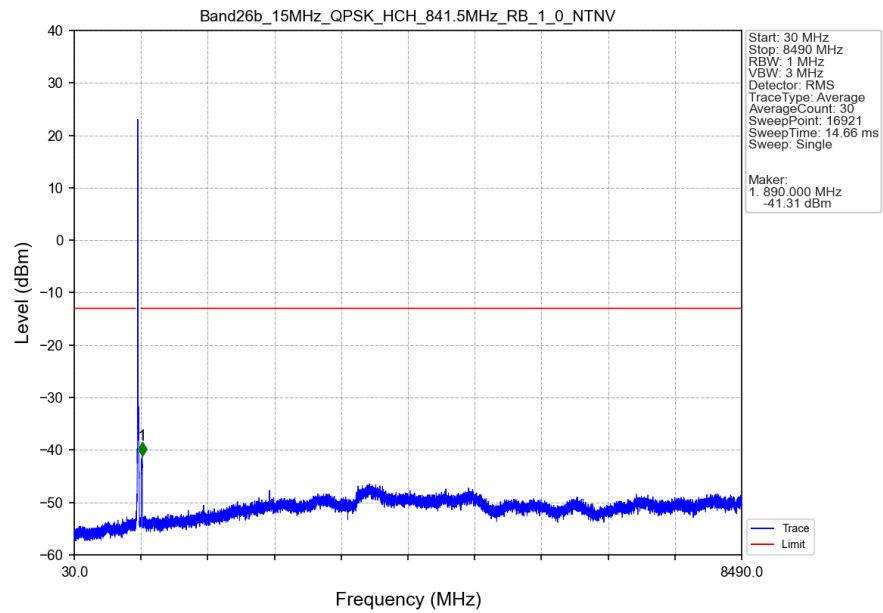


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	823	0.1	/	1	821.030	-35.42	-13	Pass
823	824	0.15	CHP	2	823.970	-36.73	-13	Pass
824	839	0.15	CHP	/	/	/	/	/

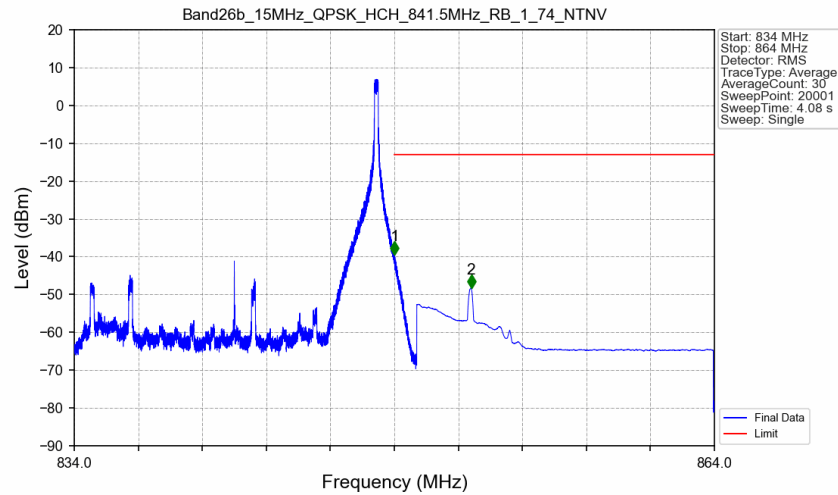
Band26b 15MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 15MHz QPSK HCH 841.5MHz RB 1 0 NTNV

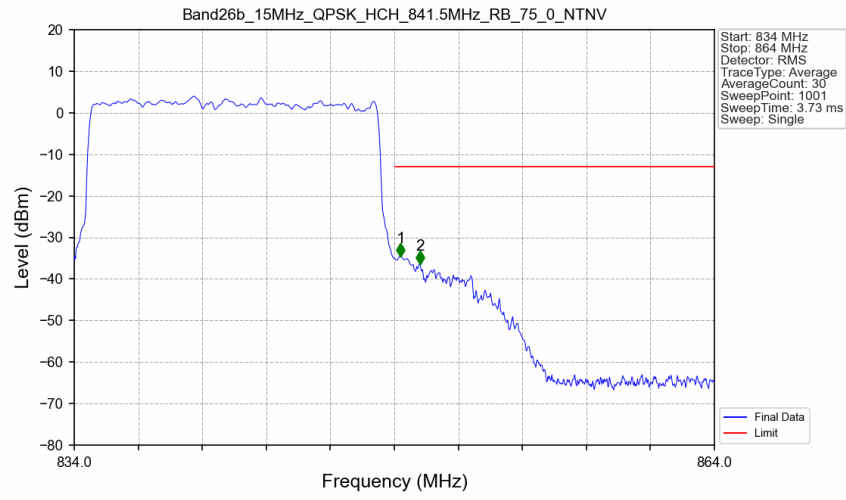


Band26b 15MHz QPSK HCH 841.5MHz RB 1 74 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-39.52	-13	Pass
850	864	0.1	CHP	2	852.605	-48.24	-13	Pass

Band26b 15MHz QPSK HCH 841.5MHz RB 75 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.149	CHP	/	/	/	/	/
849	850	0.149	CHP	1	849.300	-34.53	-13	Pass
850	864	0.1	/	2	850.200	-36.47	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26b(824-849MHz) ANT31-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.5	-71.69	-13	-58.69	-74.57	2.62	5.5	Horizontal	Pass
2474.25	-68.34	-13	-55.34	-71.04	3.06	5.76	Horizontal	Pass
3299.0	-66.66	-13	-53.66	-71.03	3.3	7.67	Horizontal	Pass
1649.5	-71.21	-13	-58.21	-74.09	2.62	5.5	Vertical	Pass
2474.25	-68.26	-13	-55.26	-70.96	3.06	5.76	Vertical	Pass
3299.0	-66.52	-13	-53.52	-70.89	3.3	7.67	Vertical	Pass

LTE Band 26b(824-849MHz) ANT31-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1659.5	-71.21	-13	-58.21	-74.07	2.62	5.48	Horizontal	Pass
2489.25	-68.9	-13	-55.9	-71.62	3.07	5.79	Horizontal	Pass
3319.0	-66.47	-13	-53.47	-70.88	3.31	7.72	Horizontal	Pass
1659.5	-71.18	-13	-58.18	-74.04	2.62	5.48	Vertical	Pass
2489.25	-69.04	-13	-56.04	-71.76	3.07	5.79	Vertical	Pass
3319.0	-66.87	-13	-53.87	-71.28	3.31	7.72	Vertical	Pass

LTE Band 26b(824-849MHz) ANT31-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1669.5	-71.98	-13	-58.98	-74.8	2.63	5.45	Horizontal	Pass
2504.5	-68.22	-13	-55.22	-70.97	3.08	5.83	Horizontal	Pass
3339.0	-66.14	-13	-53.14	-70.59	3.32	7.77	Horizontal	Pass
1669.5	-70.95	-13	-57.95	-73.77	2.63	5.45	Vertical	Pass
2504.5	-68.66	-13	-55.66	-71.41	3.08	5.83	Vertical	Pass
3339.0	-66.13	-13	-53.13	-70.58	3.32	7.77	Vertical	Pass