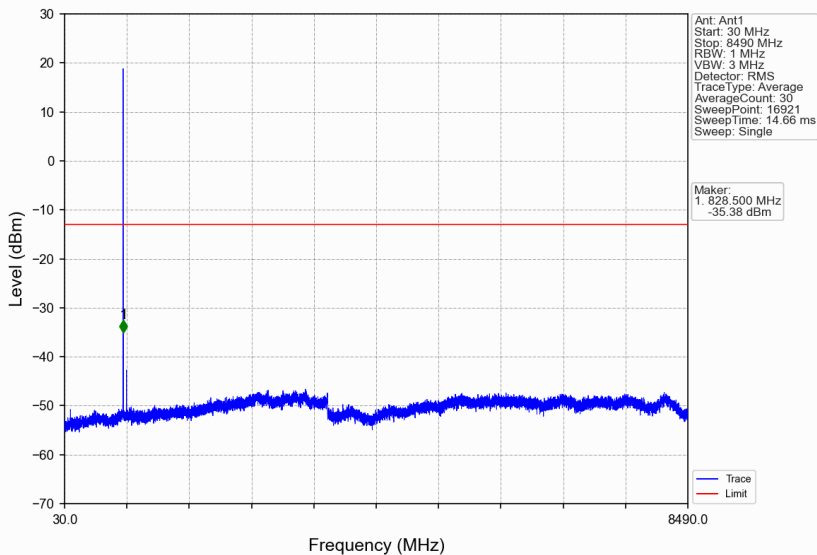
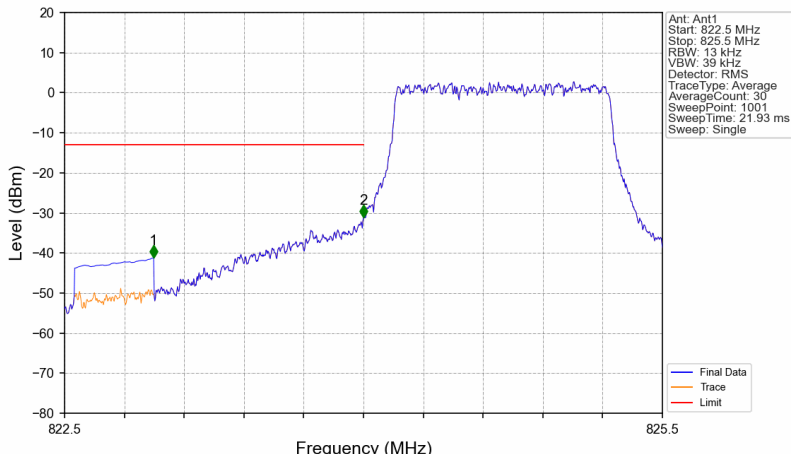


Band5\_1.4MHz\_256QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_256QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-41.21	-13	Pass
823	824	0.013	/	2	824.000	-31.15	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

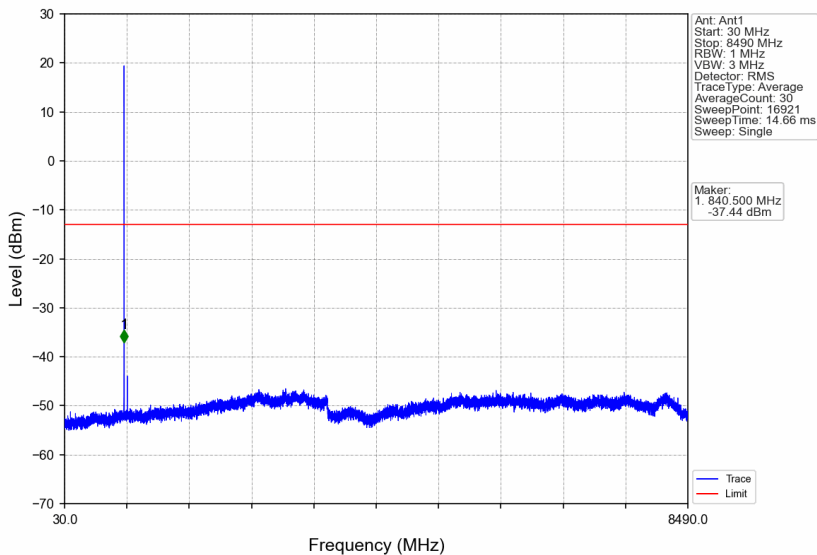


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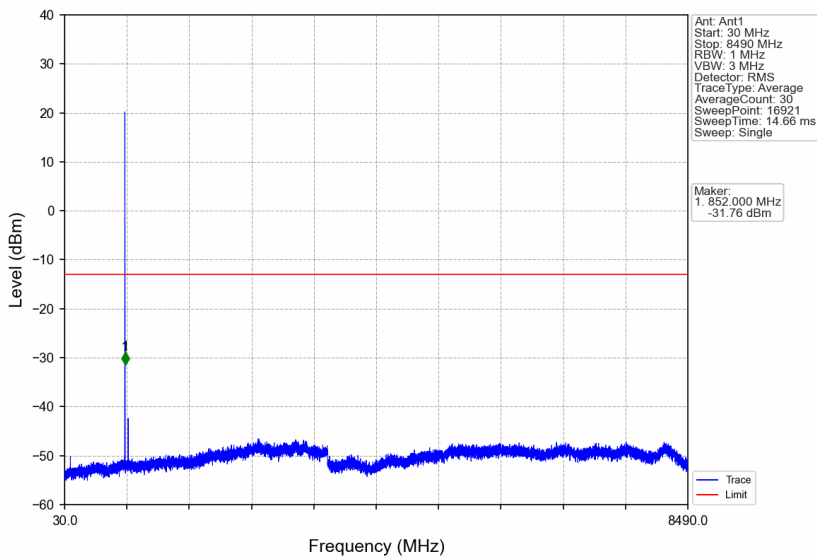
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Band5\_1.4MHz\_256QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_256QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



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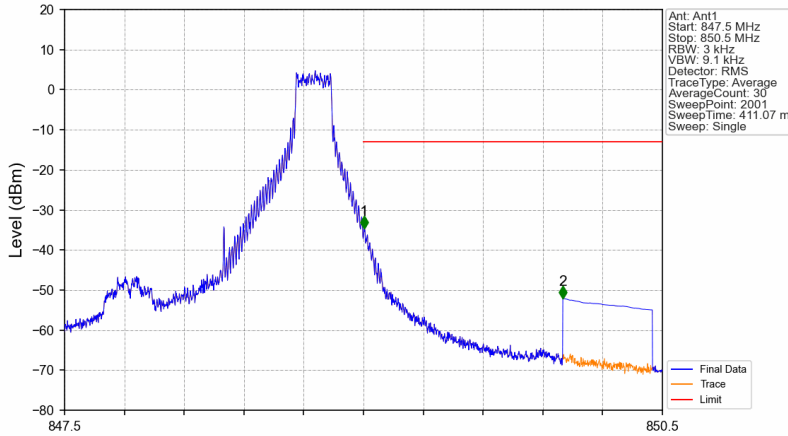
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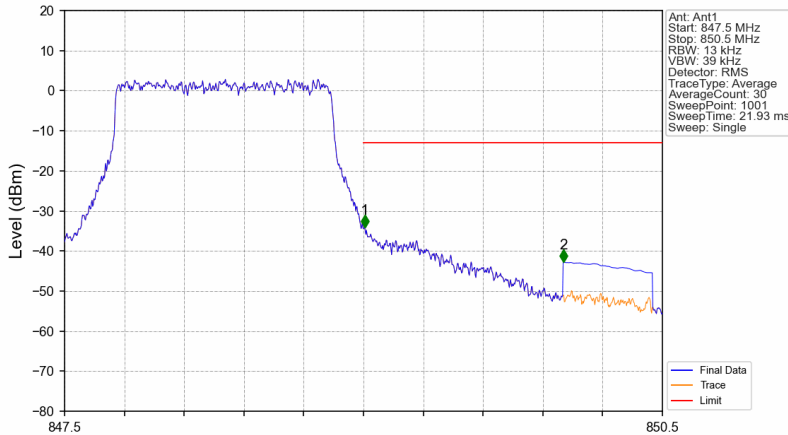
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Band5\_1.4MHz\_256QAM\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-34.71	-13	Pass
850	850.5	0.1	CHP	2	850.000	-52.15	-13	Pass

Band5\_1.4MHz\_256QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.006	-34.17	-13	Pass
850	850.5	0.1	CHP	2	850.005	-42.82	-13	Pass



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## 5.2 B5\_3MHz

### 5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV						
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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
256QAM	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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



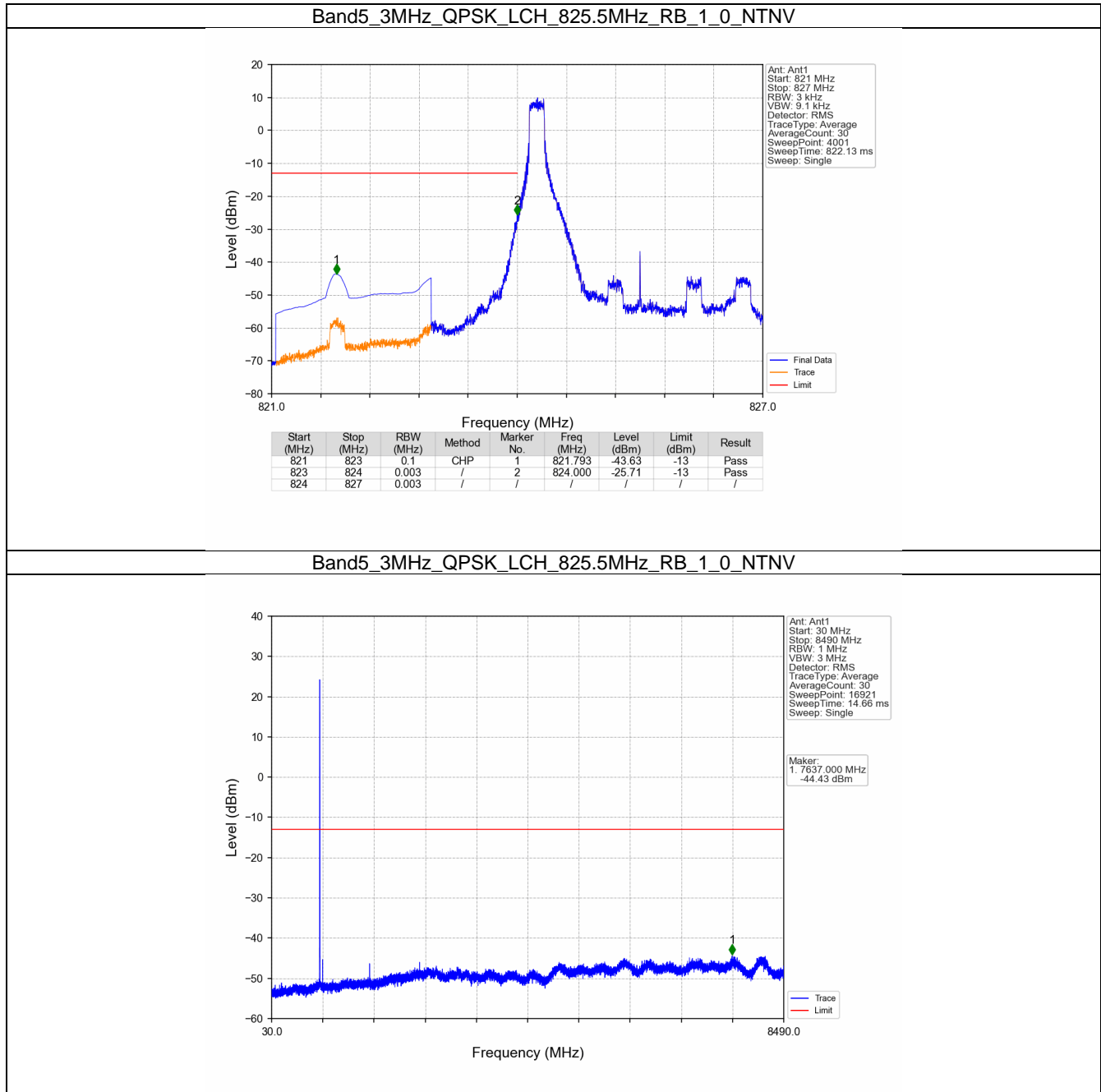
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5.2.2 Test Graph



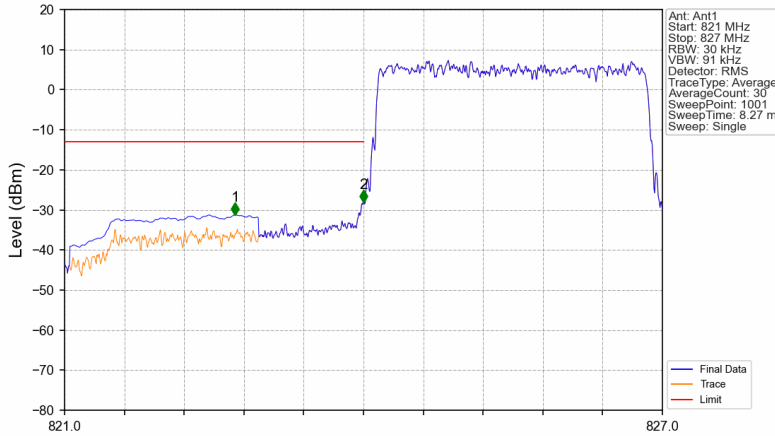
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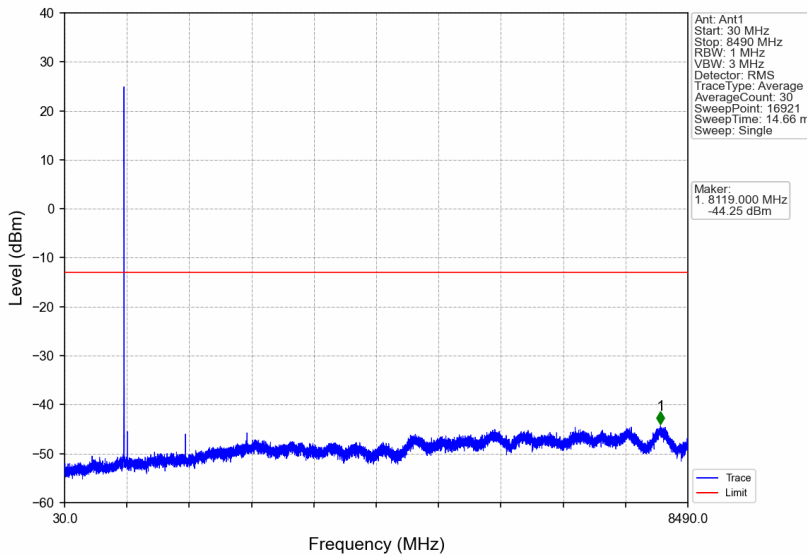


Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.710	-31.24	-13	Pass
823	824	0.03	/	2	824.000	-28.08	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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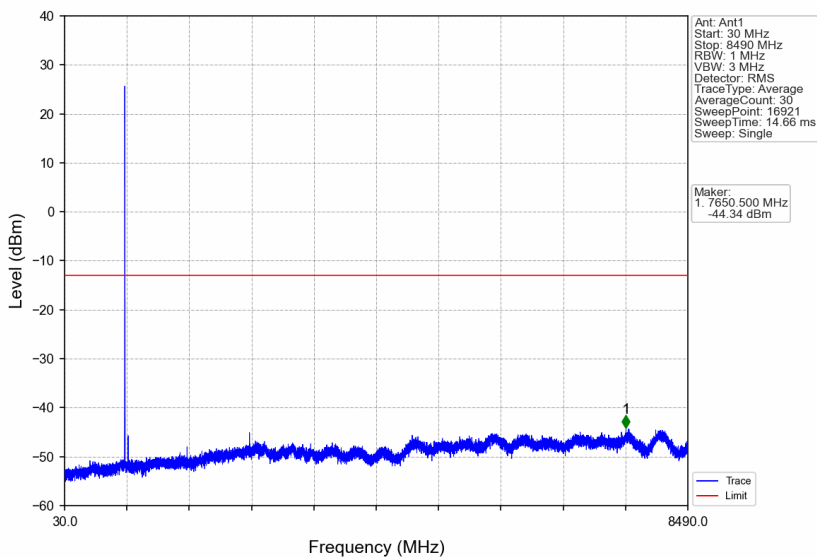
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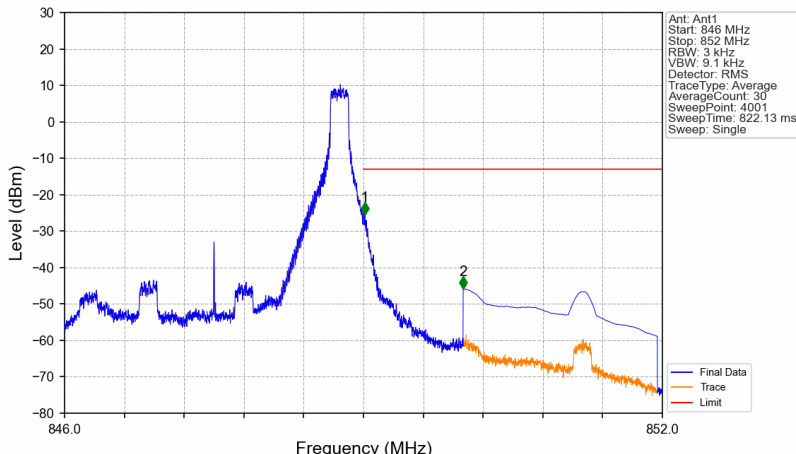
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Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_14\_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	849.014	-25.43	-13	Pass
850	852	0.1	CHP	2	850.002	-45.84	-13	Pass

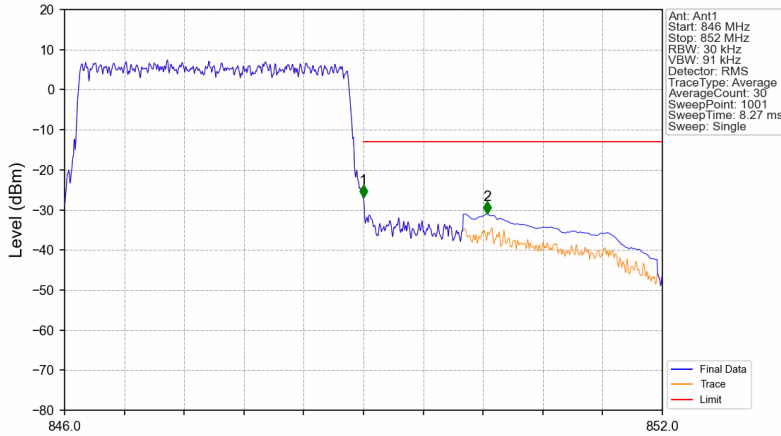


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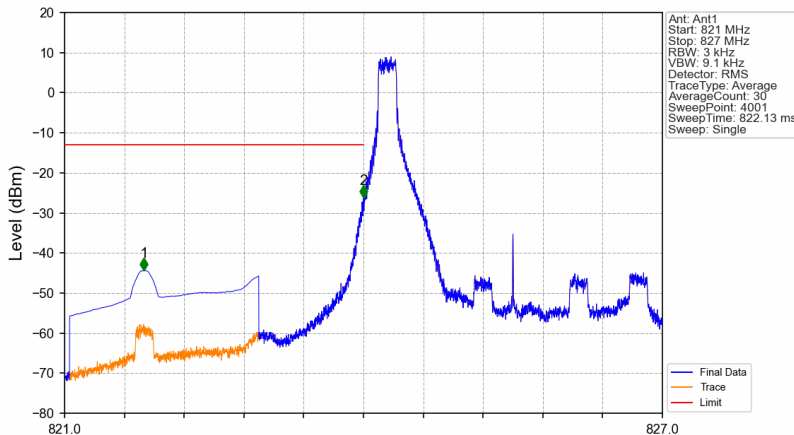
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Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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	849.000	-26.94	-13	Pass
850	852	0.1	CHP	2	850.242	-30.95	-13	Pass

Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	823.797	-44.35	-13	Pass
823	824	0.003	/	2	824.000	-26.24	-13	Pass
824	827	0.003	/	/	/	/	/	/



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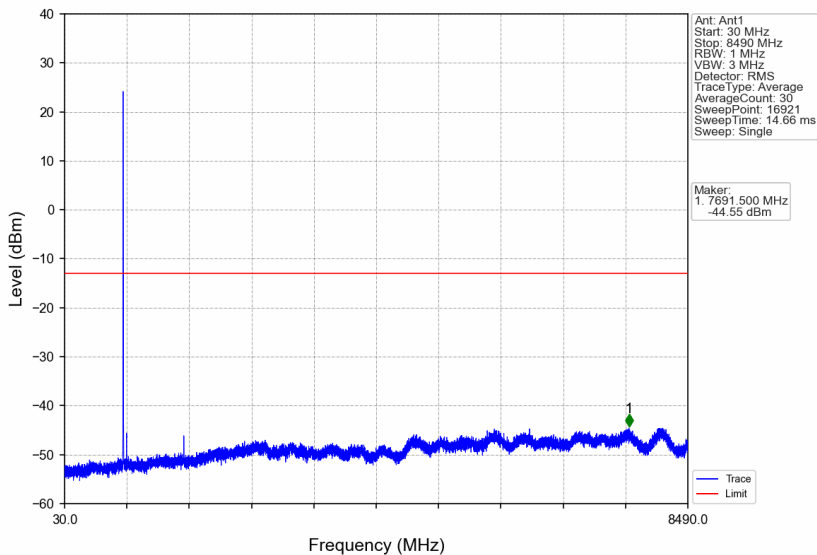
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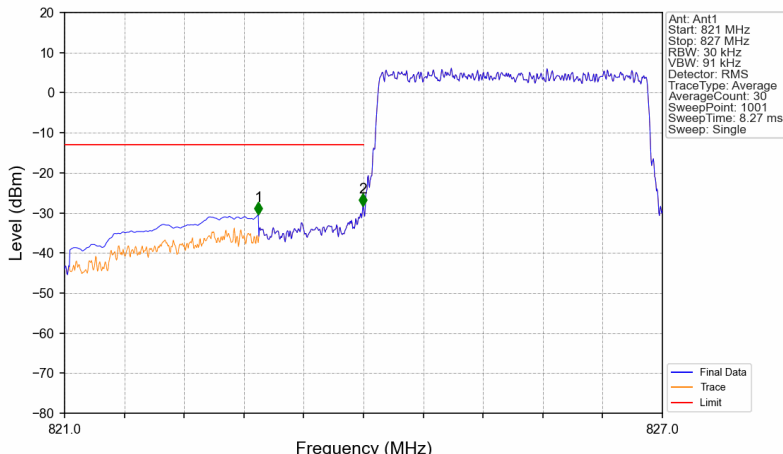
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Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_16QAM\_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	822.944	-30.48	-13	Pass
823	824	0.03	/	2	823.994	-28.40	-13	Pass
824	827	0.03	/	/	/	/	/	/

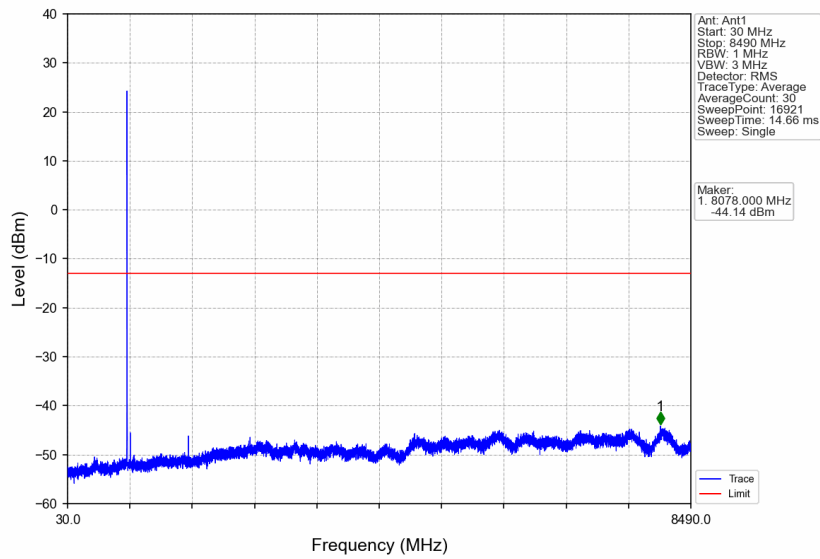


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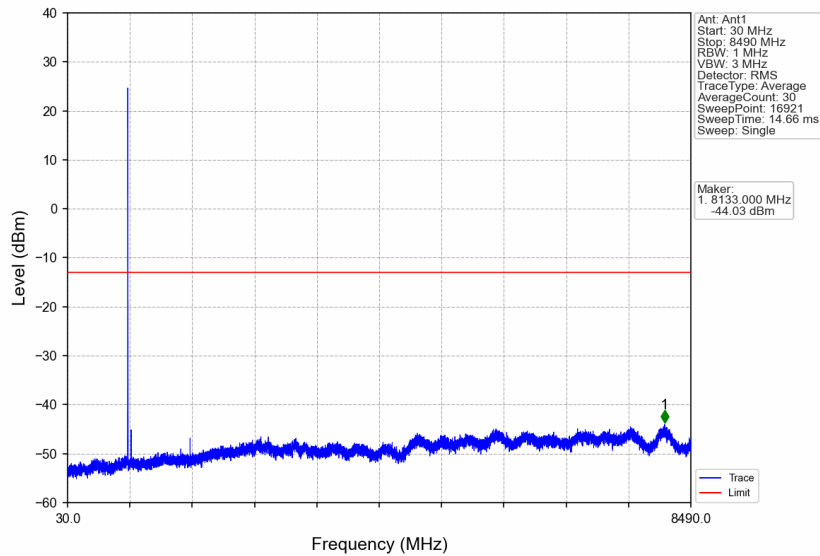
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Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



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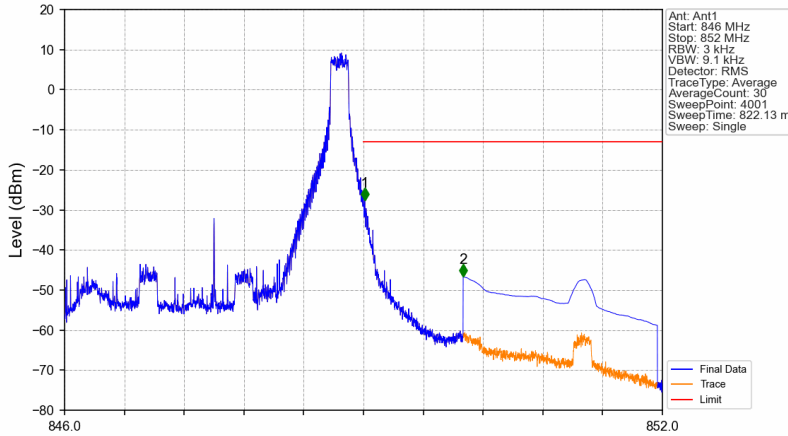
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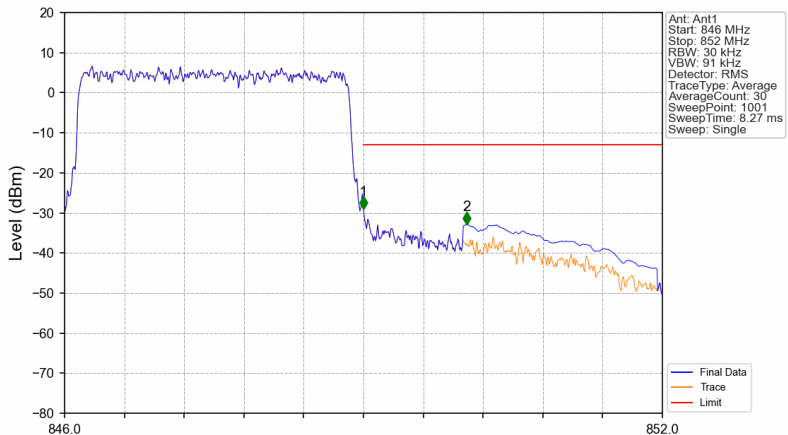
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Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



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	849.014	-27.61	-13	Pass
850	852	0.1	CHP	2	850.000	-46.68	-13	Pass

Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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	849.000	-28.99	-13	Pass
850	852	0.1	CHP	2	850.038	-32.84	-13	Pass

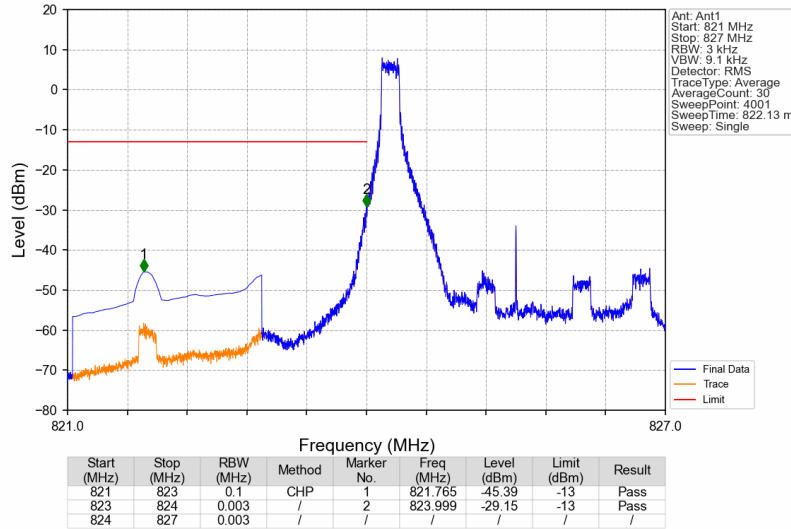


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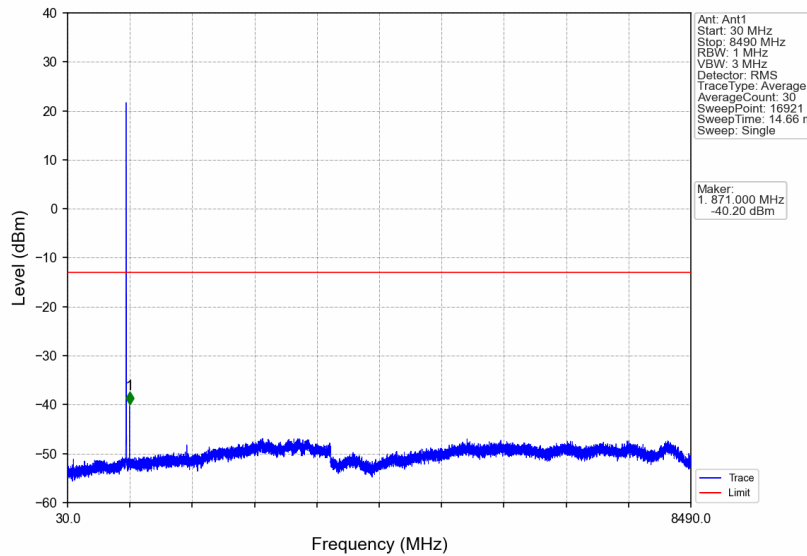
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Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



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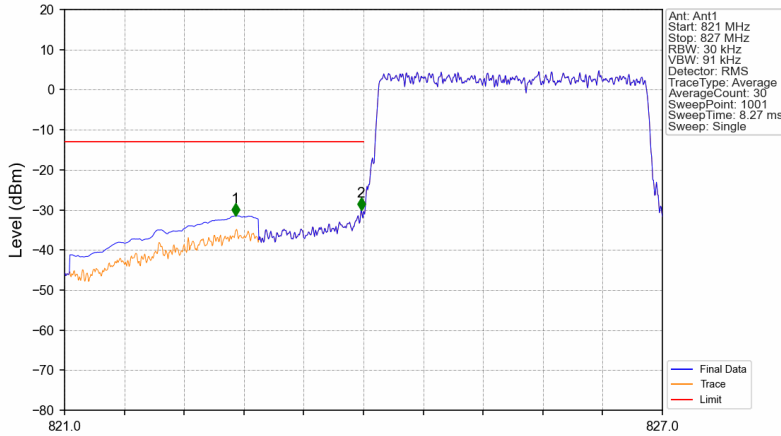
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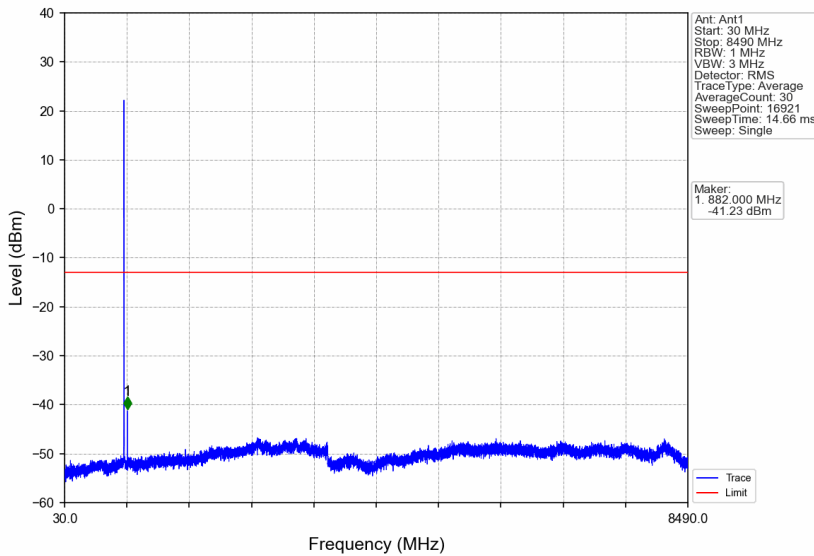
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Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.716	-31.48	-13	Pass
823	824	0.03	/	2	823.976	-30.03	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5\_3MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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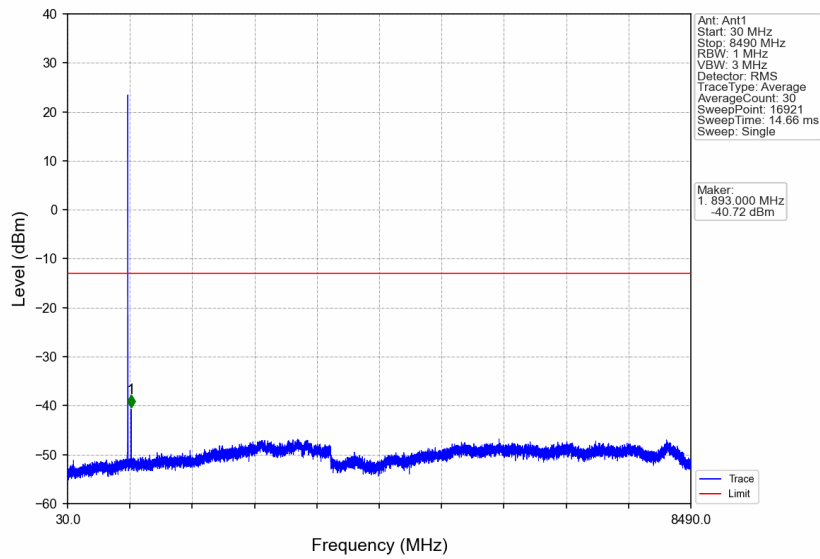
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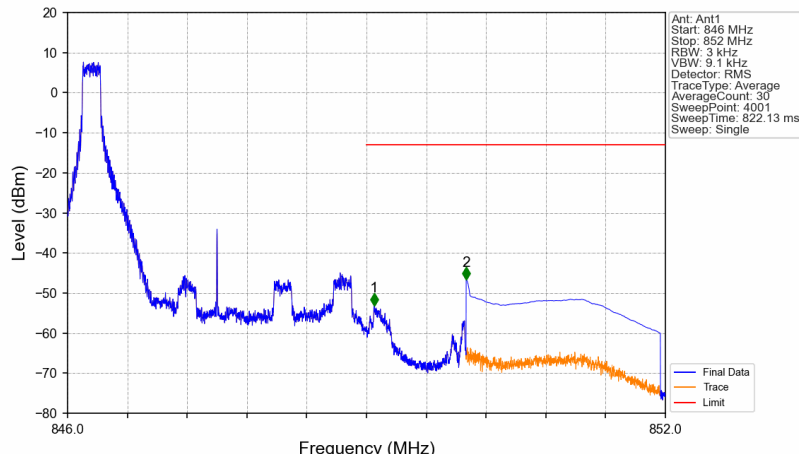
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Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_1\_14\_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	849.075	-53.10	-13	Pass
850	852	0.1	CHP	2	850.000	-46.65	-13	Pass

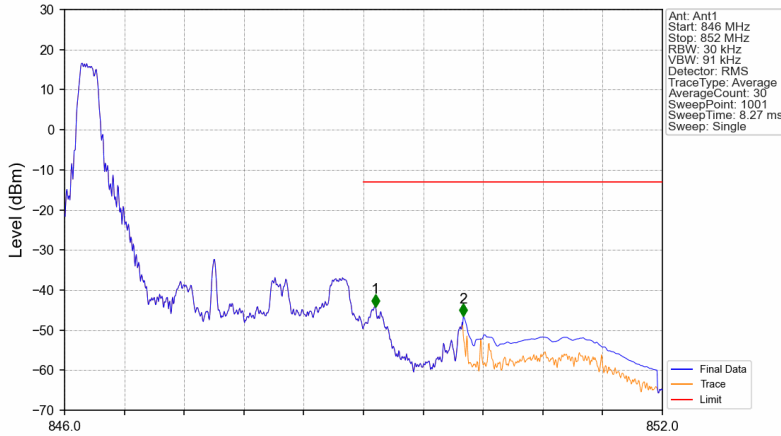


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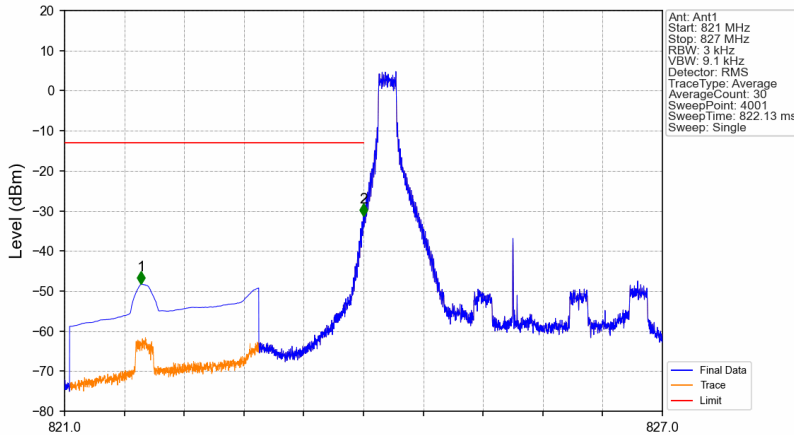
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Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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	849.120	-44.19	-13	Pass
850	852	0.1	CHP	2	850.002	-46.50	-13	Pass

Band5\_3MHz\_256QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	821.766	-48.30	-13	Pass
823	824	0.003	CHP	2	824.000	-31.29	-13	Pass
824	827	0.003	/	/	/	/	/	/

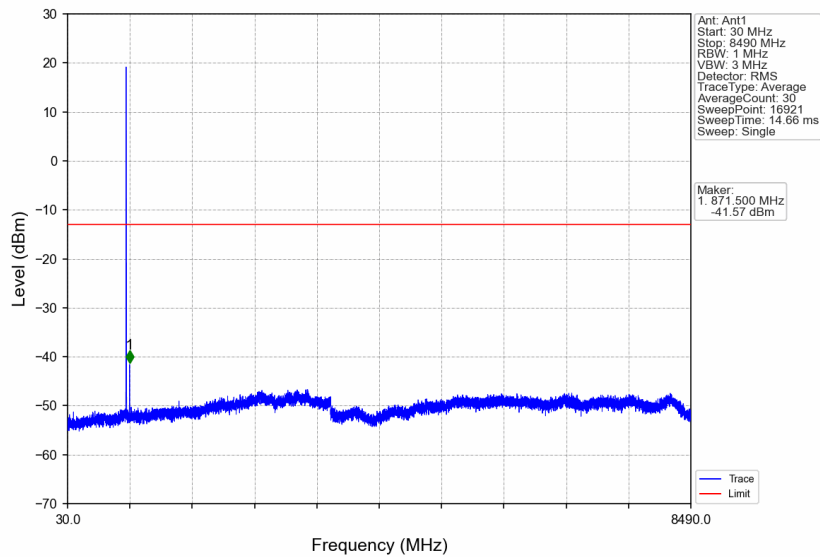


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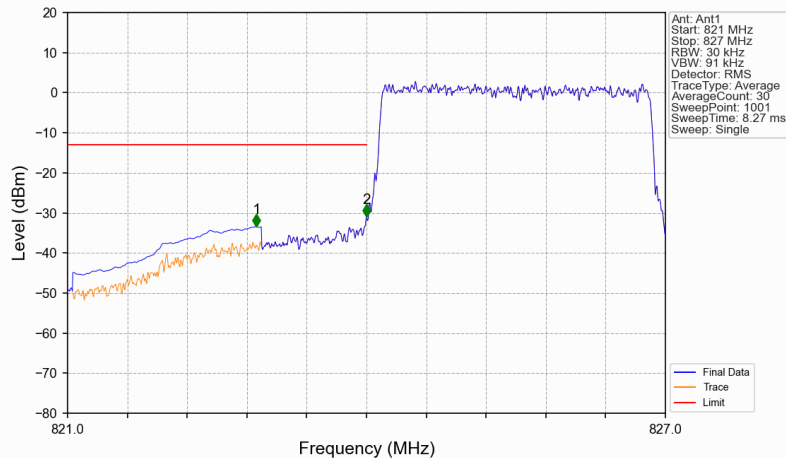
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Band5\_3MHz\_256QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_256QAM\_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	822.896	-33.45	-13	Pass
823	824	0.03	/	2	824.000	-31.02	-13	Pass
824	827	0.03	/	/	/	/	/	/



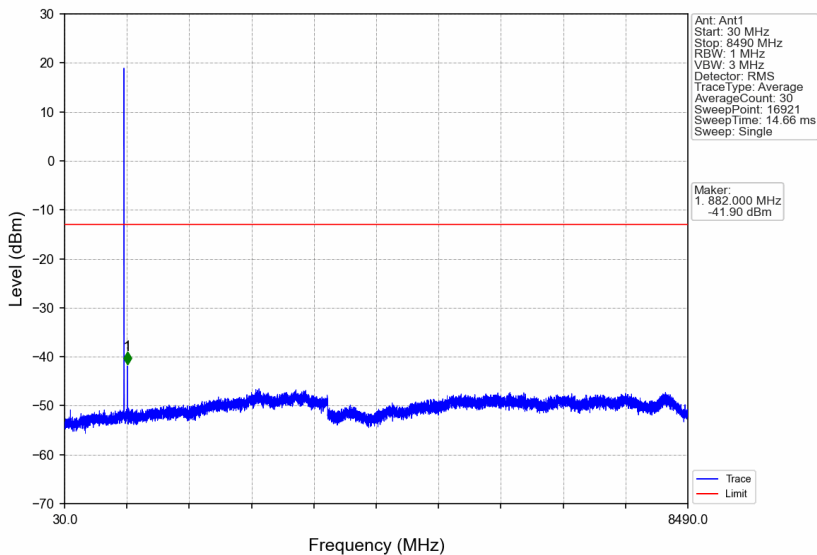
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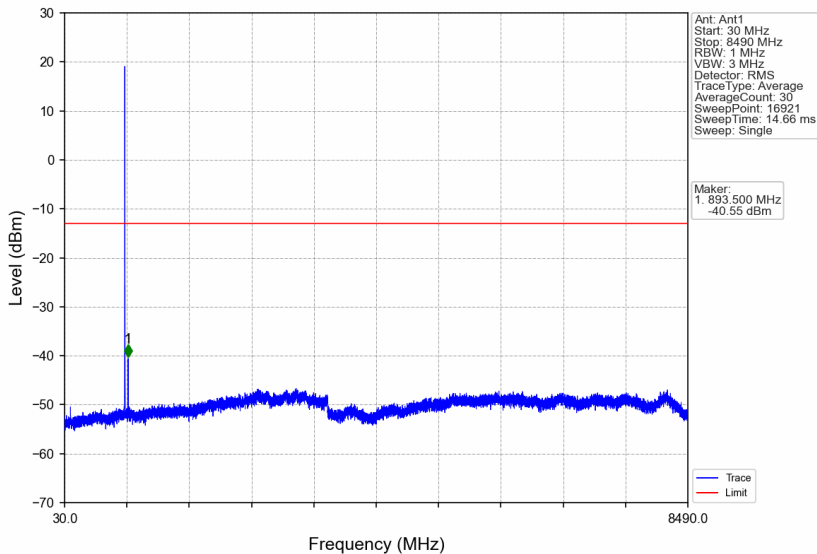
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Band5\_3MHz\_256QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_3MHz\_256QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

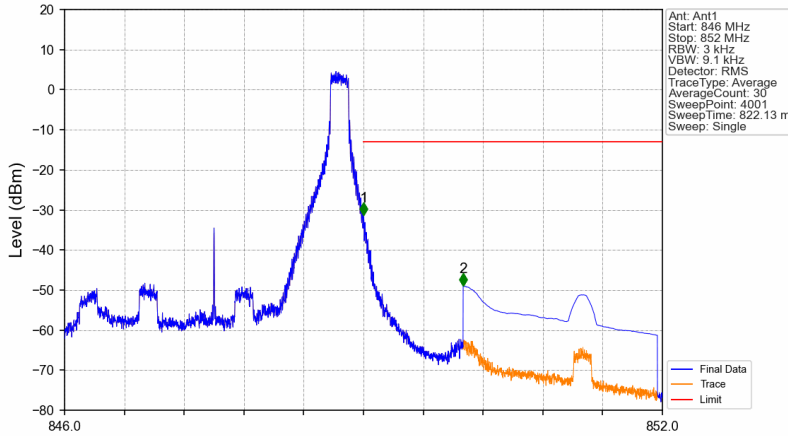


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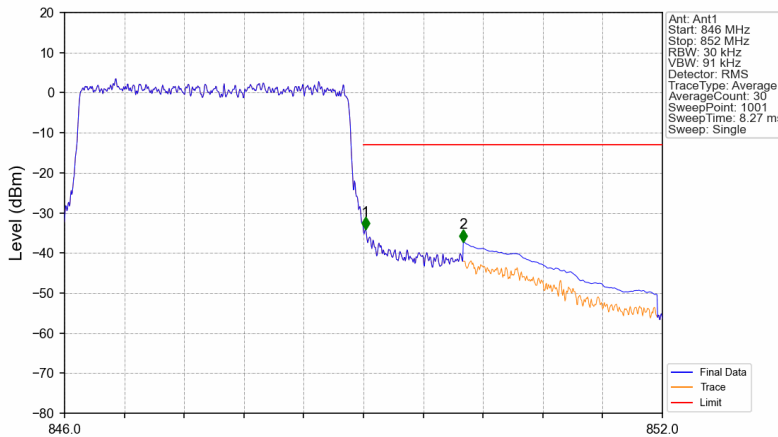
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Band5\_3MHz\_256QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



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	-31.36	-13	Pass
850	852	0.1	CHP	2	850.004	-49.03	-13	Pass

Band5\_3MHz\_256QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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	849.018	-34.16	-13	Pass
850	852	0.1	CHP	2	850.002	-37.24	-13	Pass



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5.3 B5\_5MHz

5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

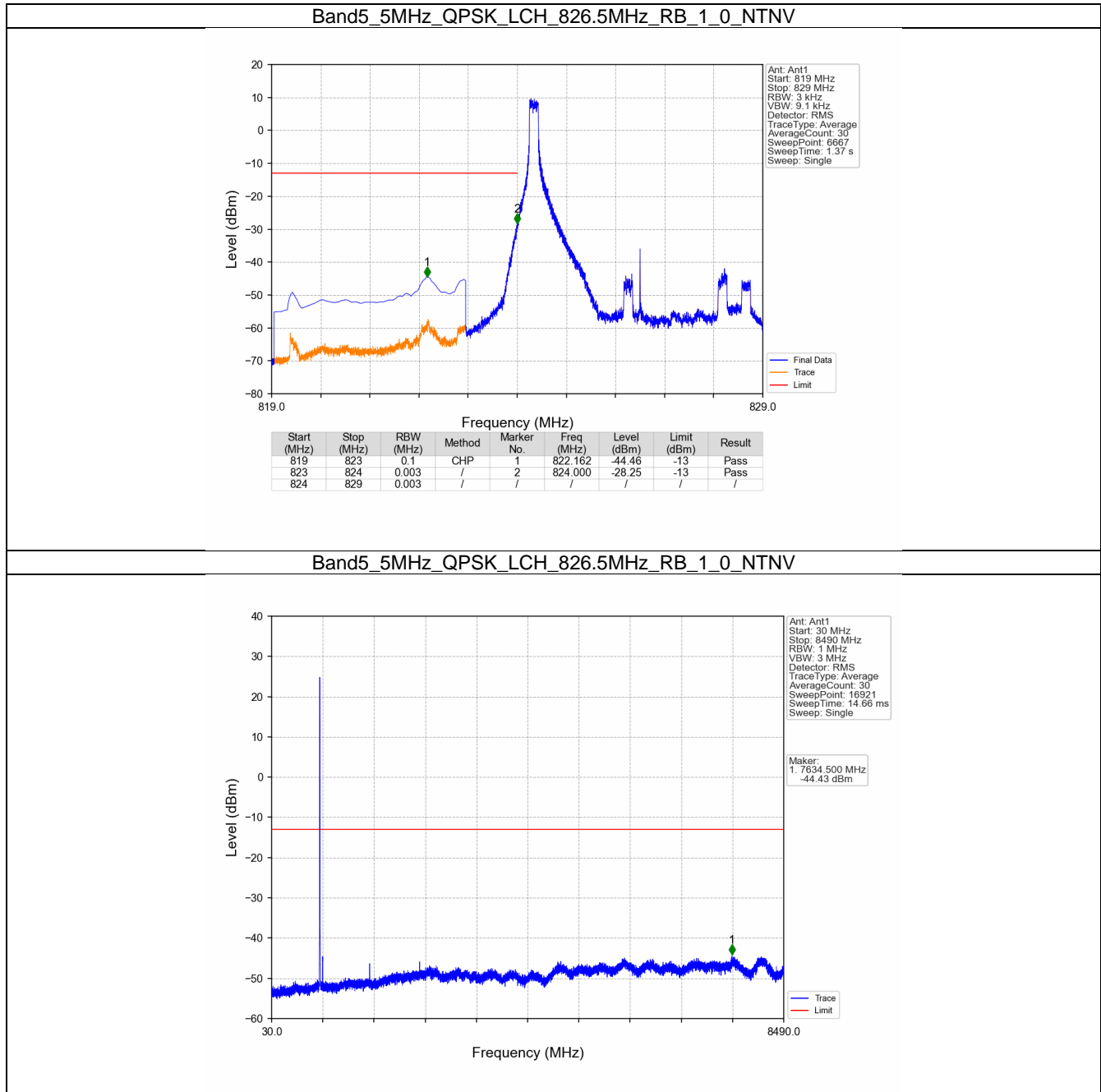


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5.3.2 Test Graph

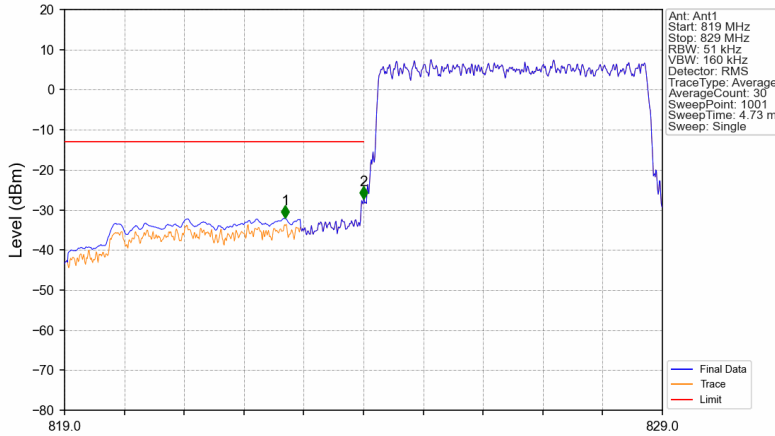


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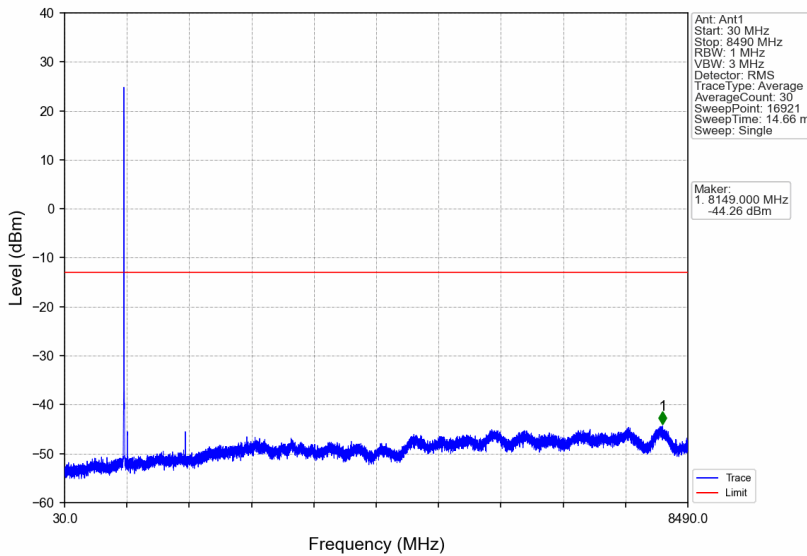
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Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.690	-32.08	-13	Pass
823	824	0.051	/	2	824.000	-27.25	-13	Pass
824	829	0.051	/	/	/	/	/	/

Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

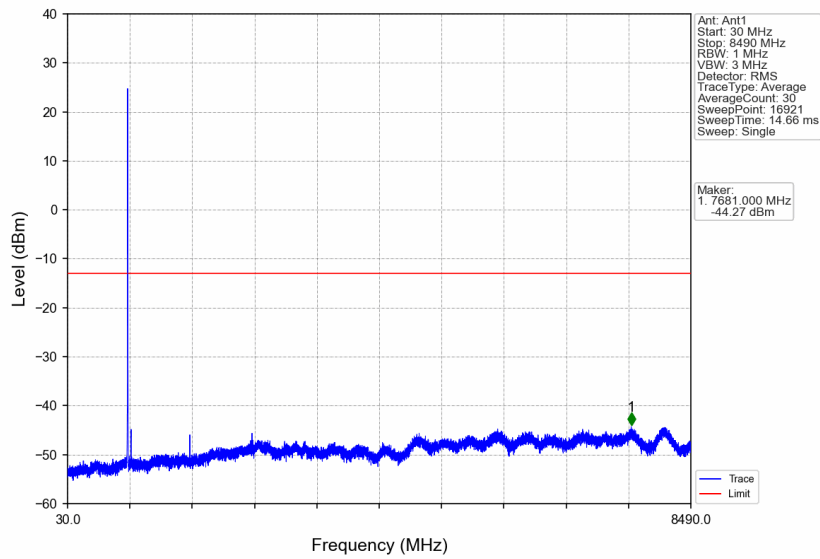


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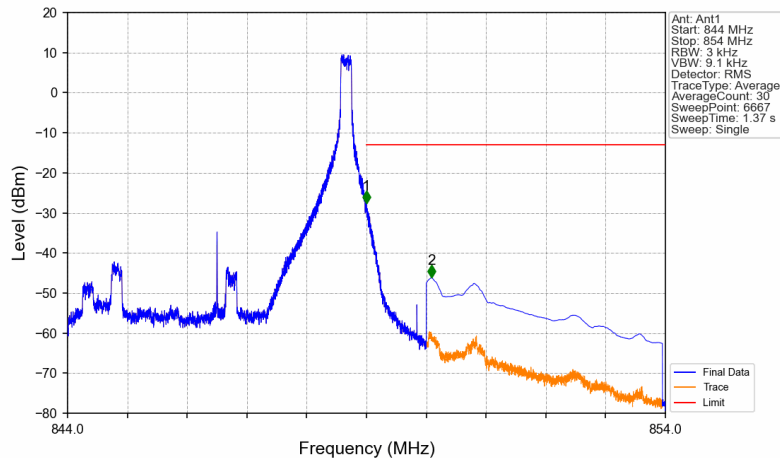
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Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



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	849.000	-27.66	-13	Pass
850	854	0.1	CHP	2	850.086	-46.15	-13	Pass



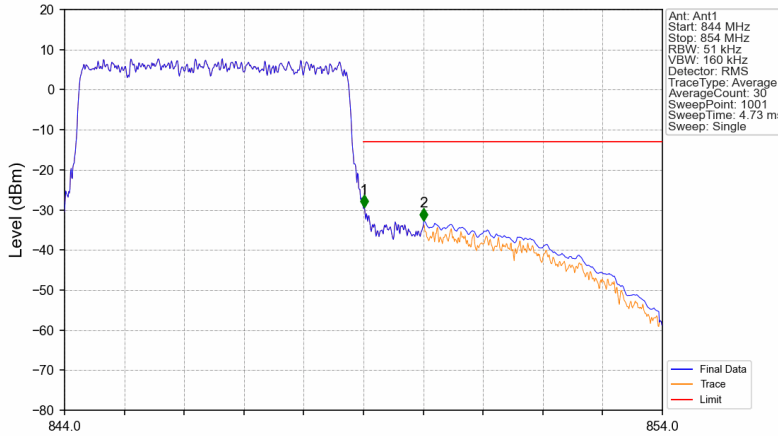
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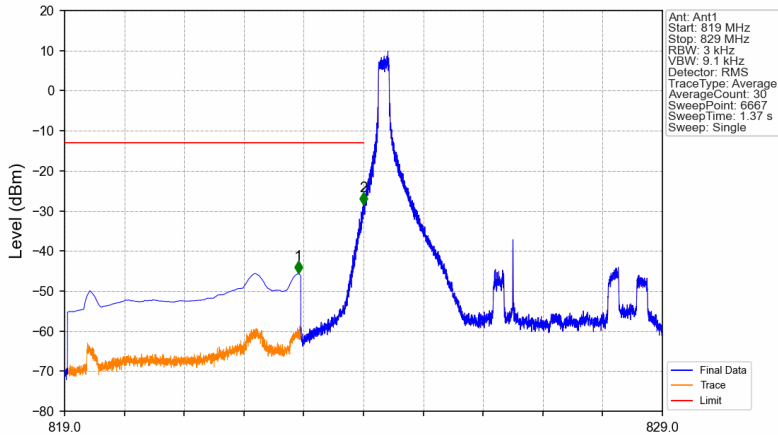
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 t (86-512) 62992980 sgs.china@sgs.com

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.010	-29.44	-13	Pass
850	854	0.1	CHP	2	850.010	-32.65	-13	Pass

Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.908	-45.63	-13	Pass
823	824	0.003	CHP	2	824.000	-28.57	-13	Pass
824	829	0.003	/	/	/	/	/	/



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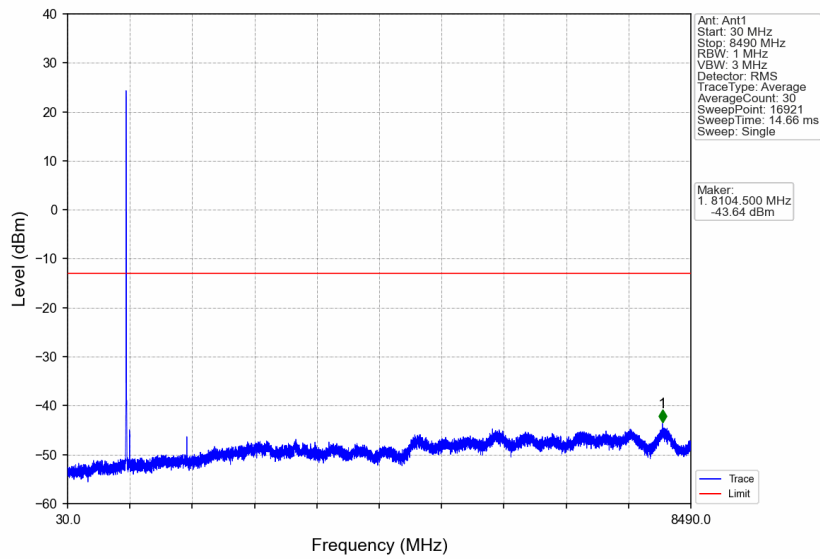
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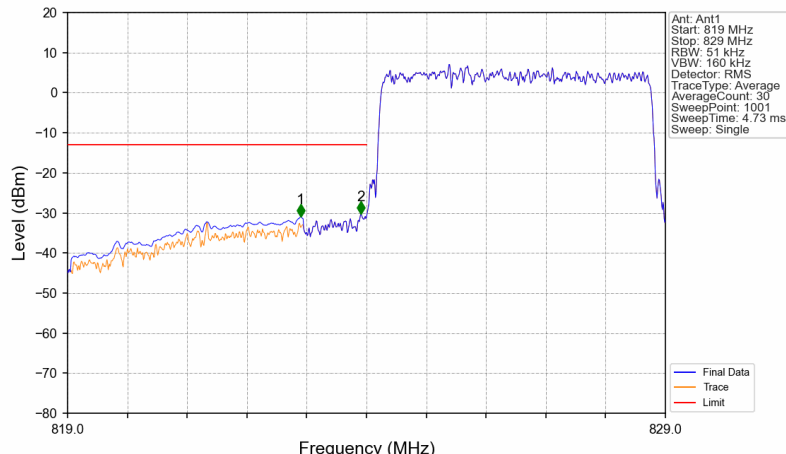
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Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_16QAM\_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	822.900	-31.00	-13	Pass
823	824	0.051	/	2	823.910	-30.33	-13	Pass
824	829	0.051	/	/	/	/	/	/

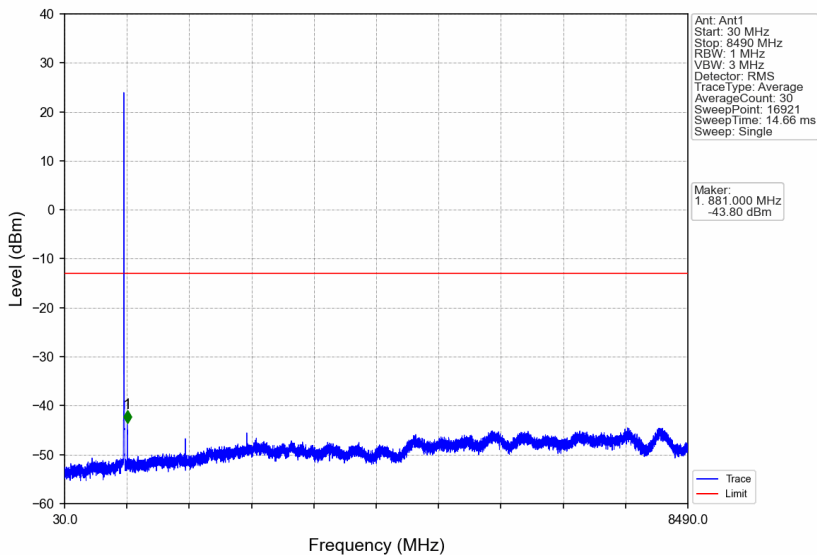


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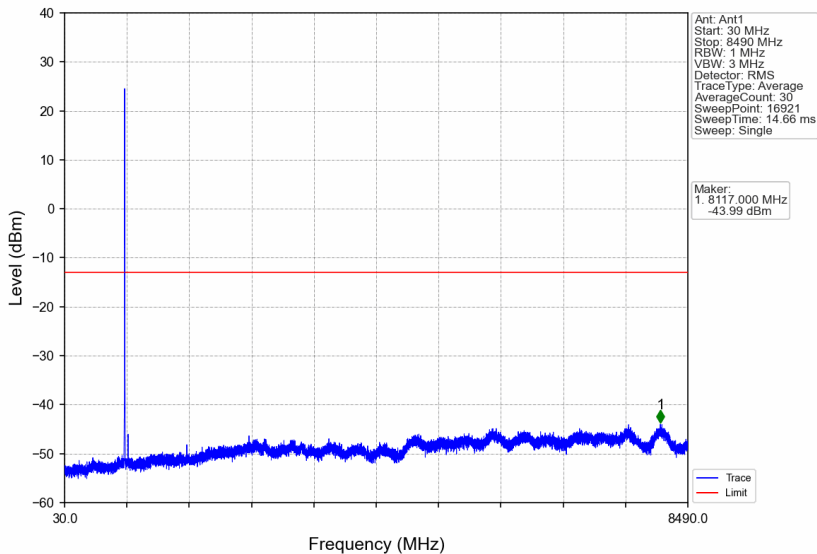
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Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



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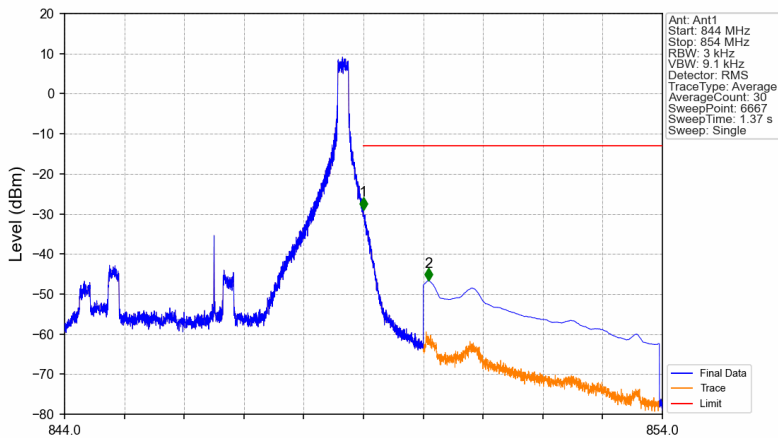
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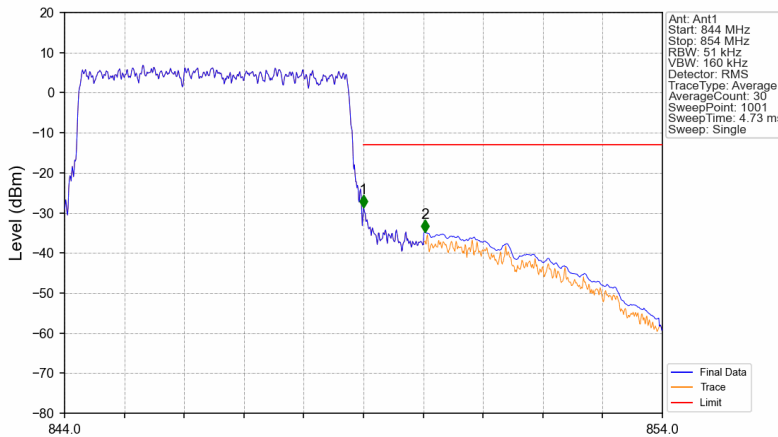
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t (86-512) 62992980 sgs.china@sgs.com

Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



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	849.000	-28.95	-13	Pass
850	854	0.1	CHP	2	850.091	-46.64	-13	Pass

Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-28.58	-13	Pass
850	854	0.1	CHP	2	850.030	-34.76	-13	Pass



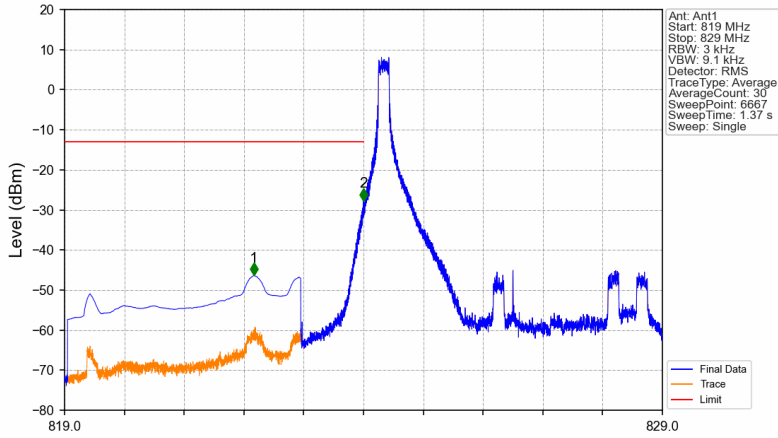
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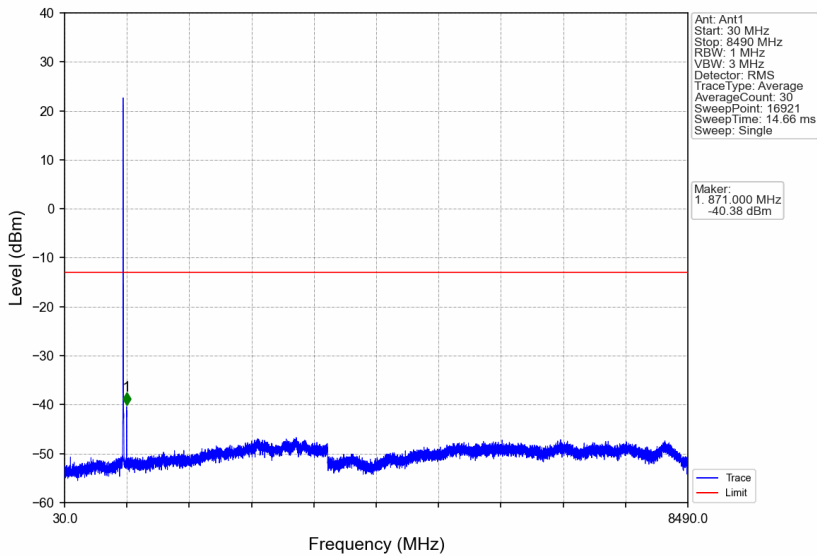
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Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.165	-46.39	-13	Pass
823	824	0.003	/	2	824.000	-27.73	/	Pass
824	829	0.003	/	/	/	/	/	/

Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



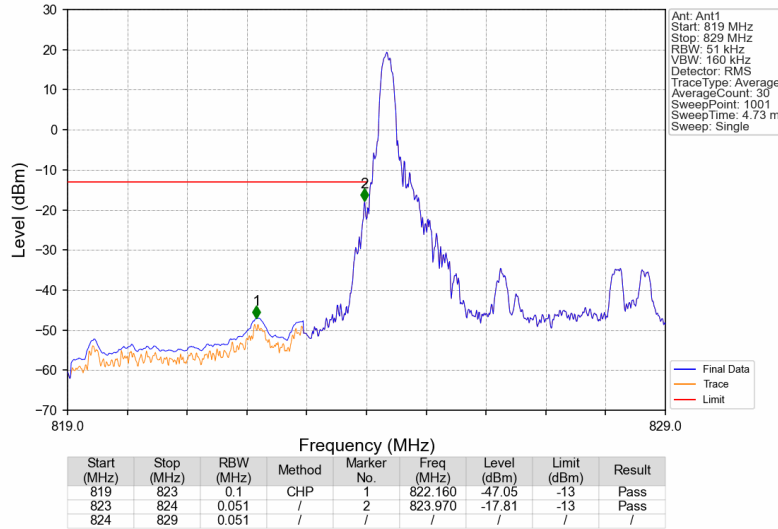
Marker:  
f: 371.000 MHz  
-40.38 dBm



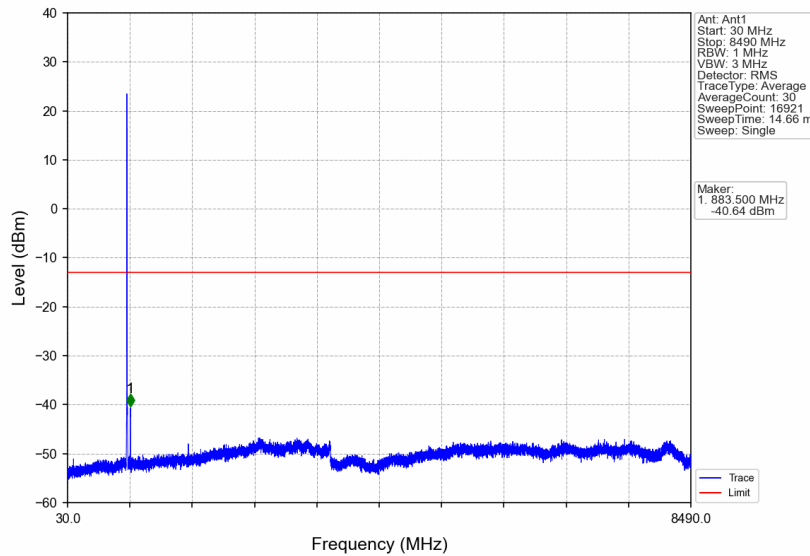
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Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



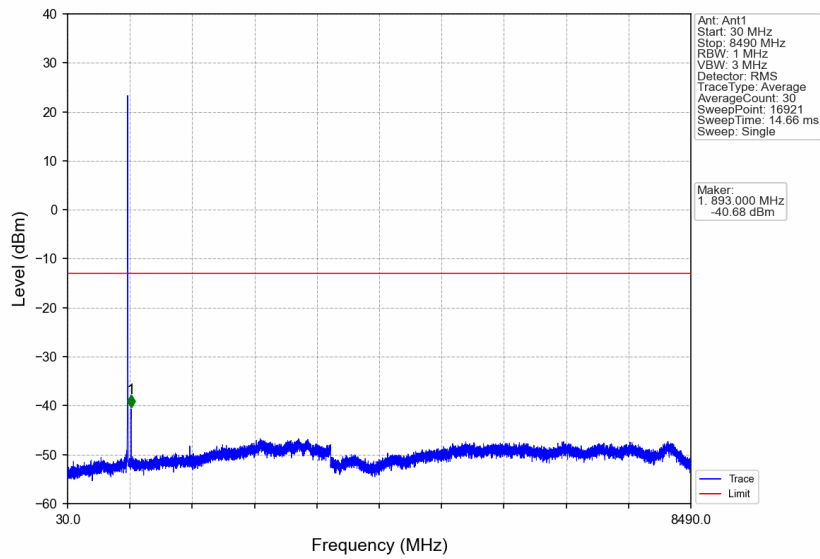
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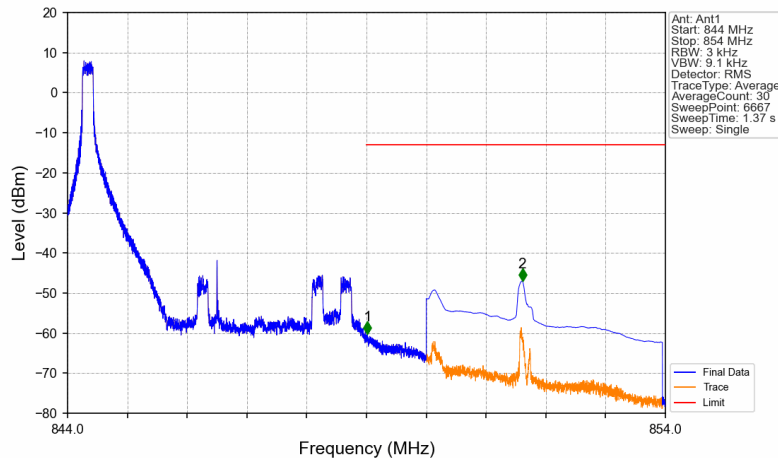
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Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



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	849.014	-60.28	-13	Pass
850	854	0.1	CHP	2	851.607	-47.03	-13	Pass



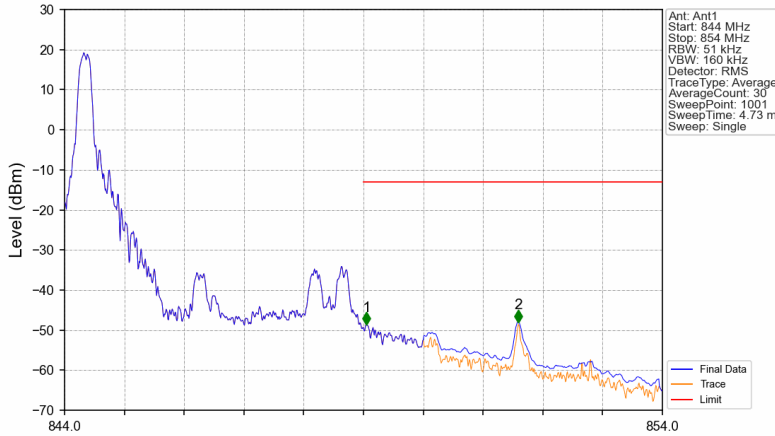
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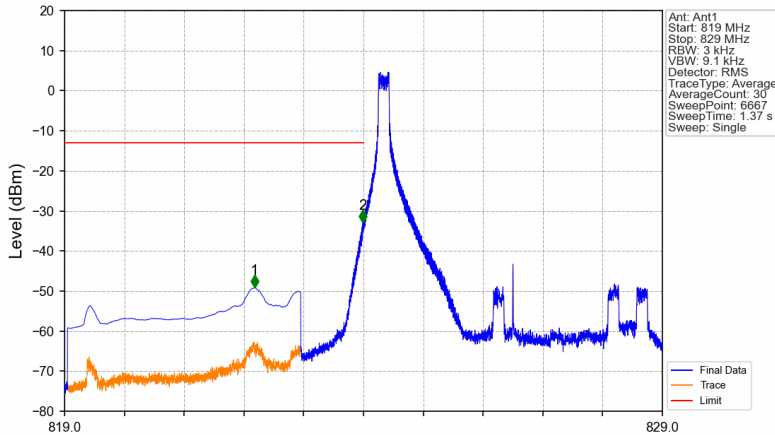
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Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.050	-48.61	-13	Pass
850	854	0.1	CHP	2	851.590	-48.04	-13	Pass

Band5\_5MHz\_256QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.180	-49.19	-13	Pass
823	824	0.003	CHP	2	823.988	-32.86	-13	Pass
824	829	0.003	/	/	/	/	/	/

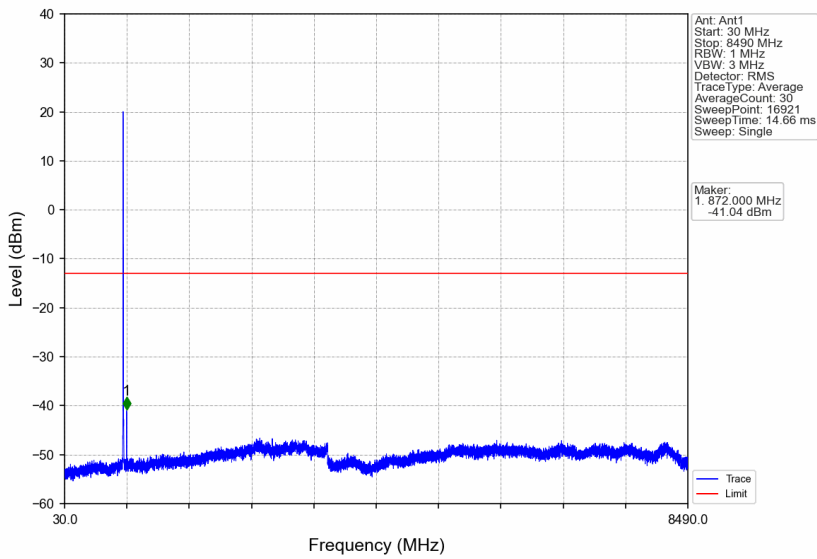


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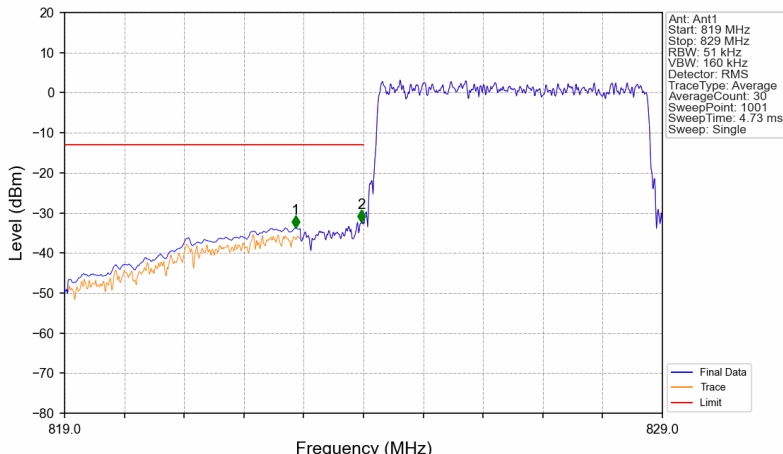
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Band5\_5MHz\_256QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_256QAM\_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	822.860	-33.73	-13	Pass
823	824	0.051	/	2	823.970	-32.29	-13	Pass
824	829	0.051	/	/	/	/	/	/

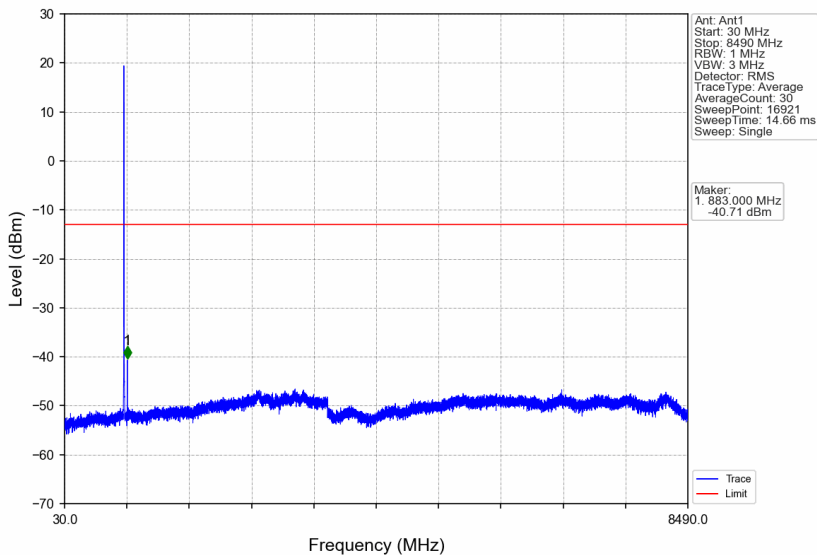


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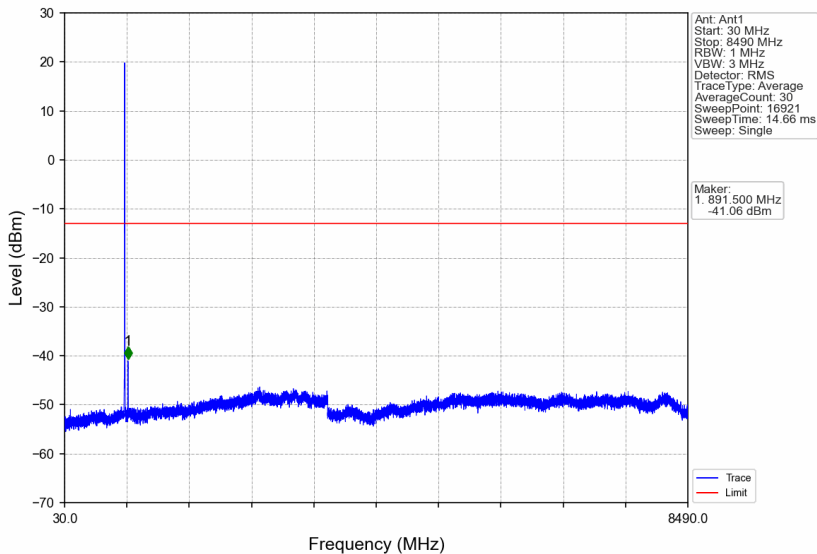
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Band5\_5MHz\_256QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_256QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



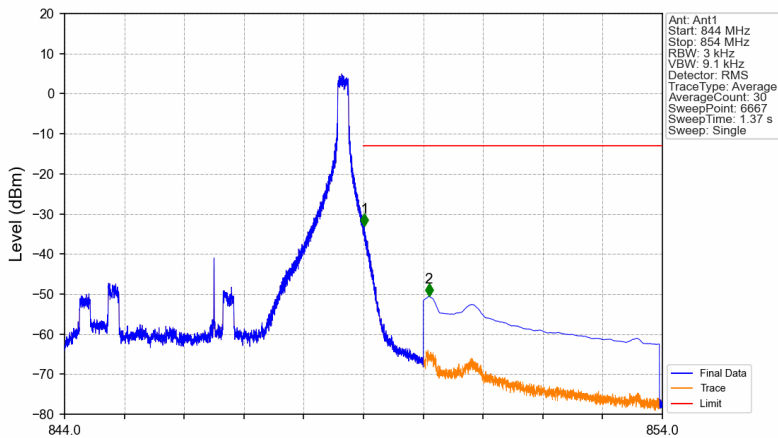
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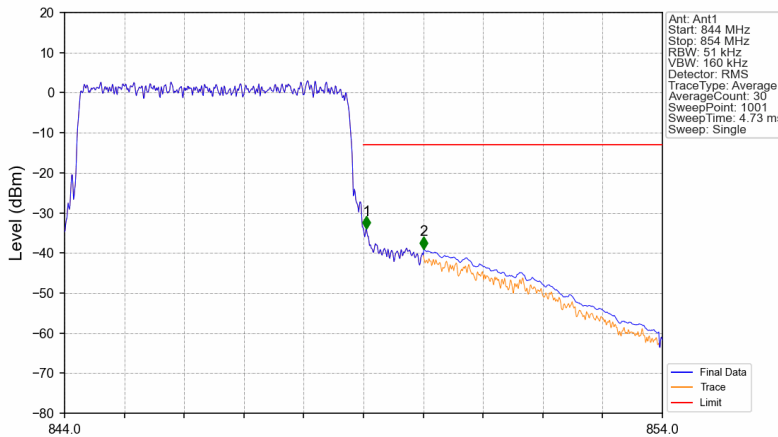
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Band5\_5MHz\_256QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



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	849.014	-33.06	-13	Pass
850	854	0.1	CHP	2	850.094	-50.58	-13	Pass

Band5\_5MHz\_256QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.050	-33.93	-13	Pass
850	854	0.1	CHP	2	850.010	-38.99	-13	Pass



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### 5.4 B5\_10MHz

#### 5.4.1 Test Result

Band: 5 / 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
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
64QAM	829		1	0	Refer To Test Graph	
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
256QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
844	1	0	Refer To Test Graph		Pass	
	50	0	Refer To Test Graph		Pass	

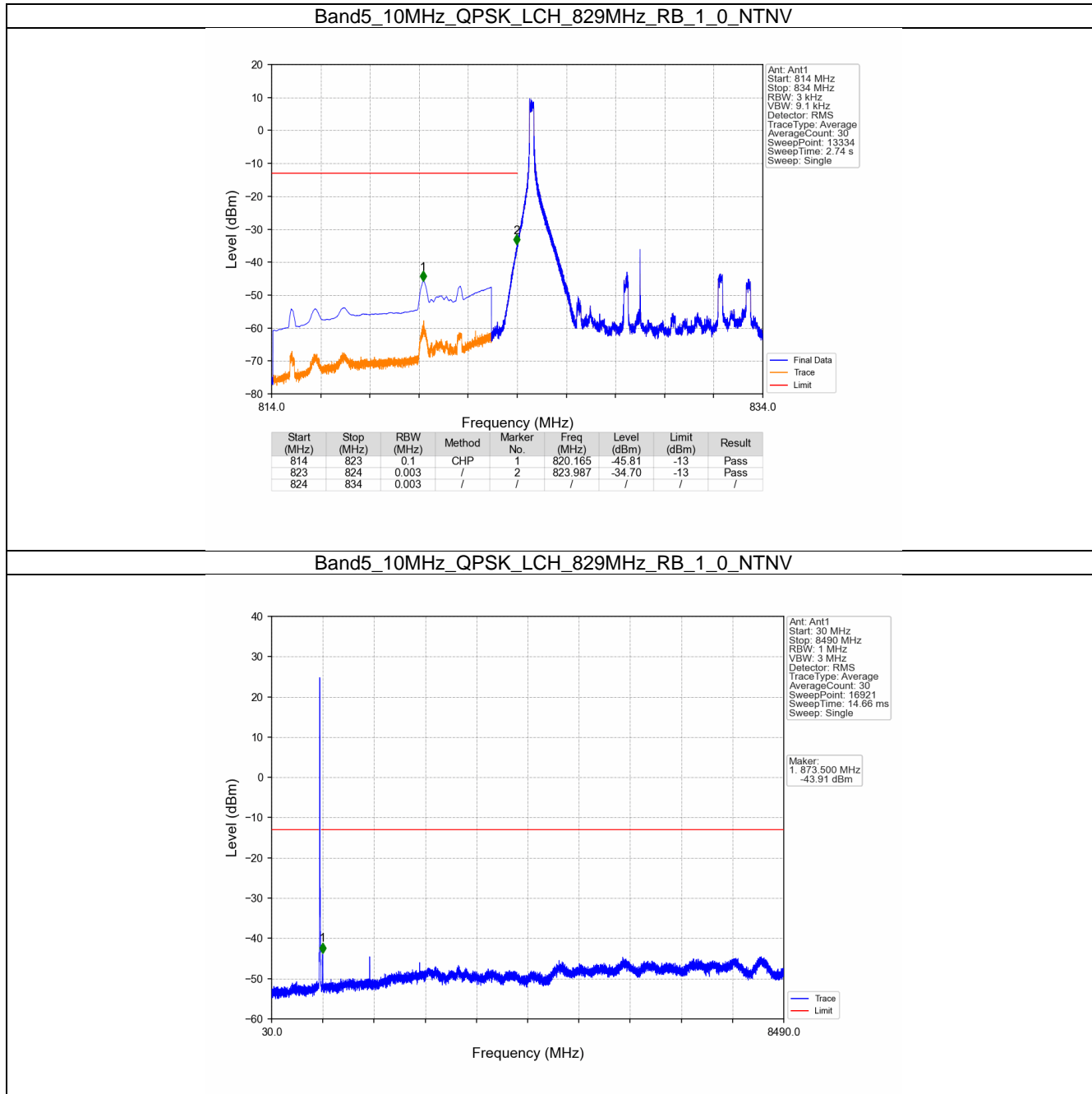


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5.4.2 Test Graph

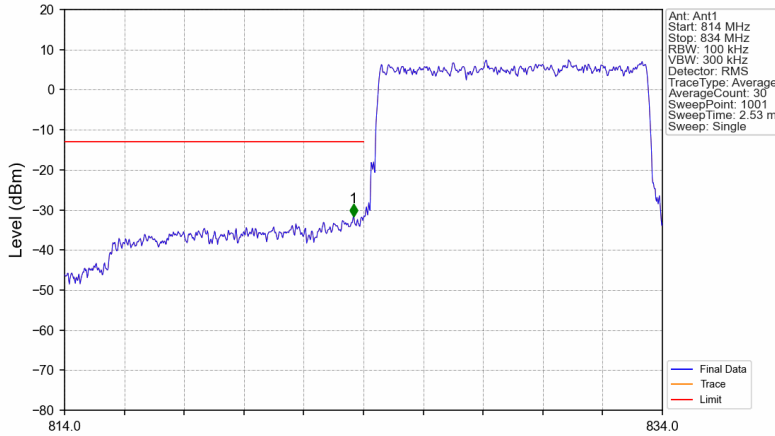


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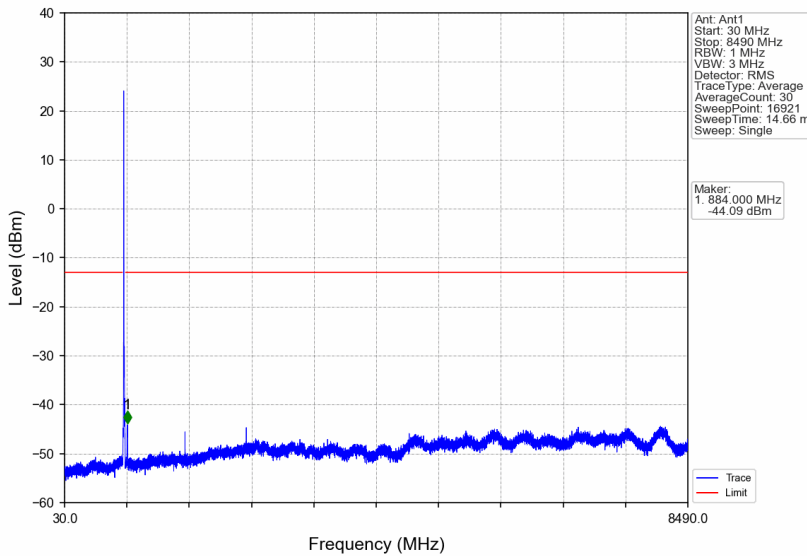
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Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.660	-31.61	-13	Pass
824	834	0.1	/	/	/	/	/	/

Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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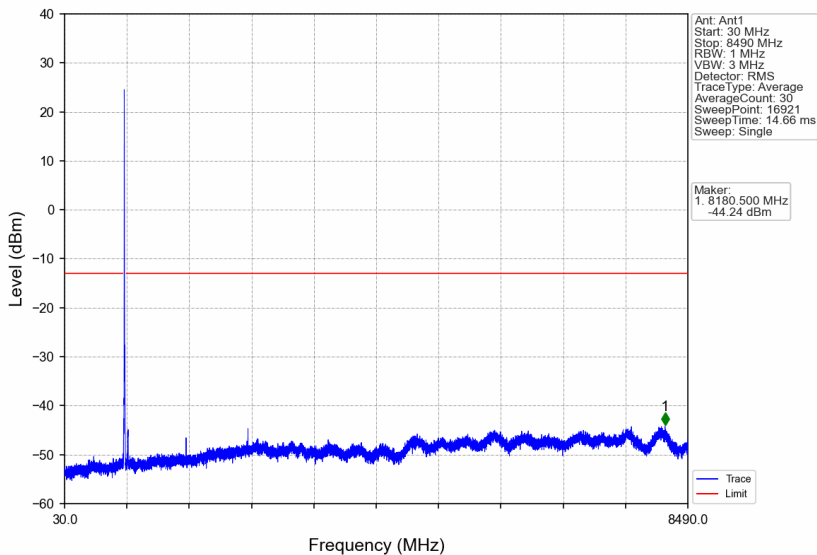
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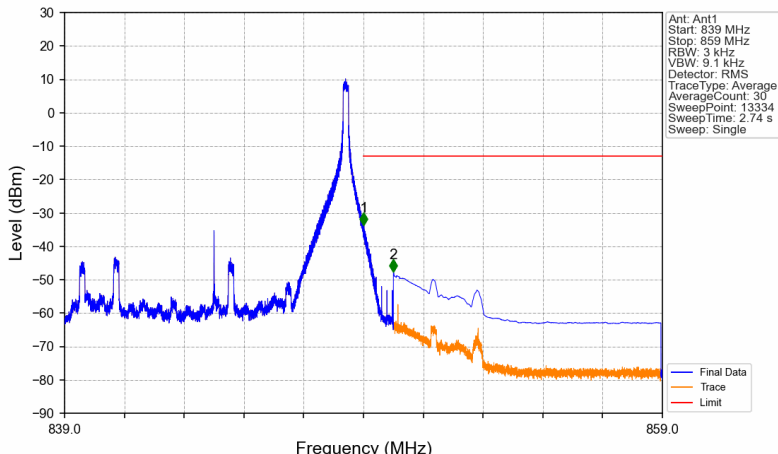
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Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_49\_NTNV



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	849.002	-33.77	-13	Pass
850	859	0.1	CHP	2	850.001	-47.77	-13	Pass

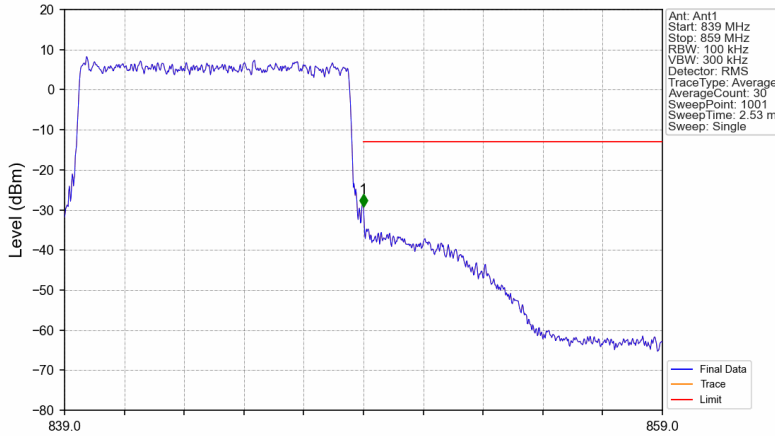


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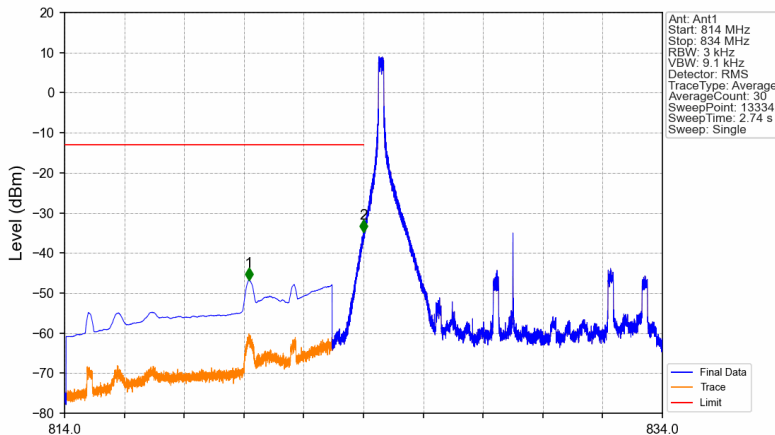
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Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-29.16	-13	Pass

Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.164	-46.80	-13	Pass
823	824	0.003	/	2	823.998	-34.83	-13	Pass
824	834	0.003	/	/	/	/	/	/



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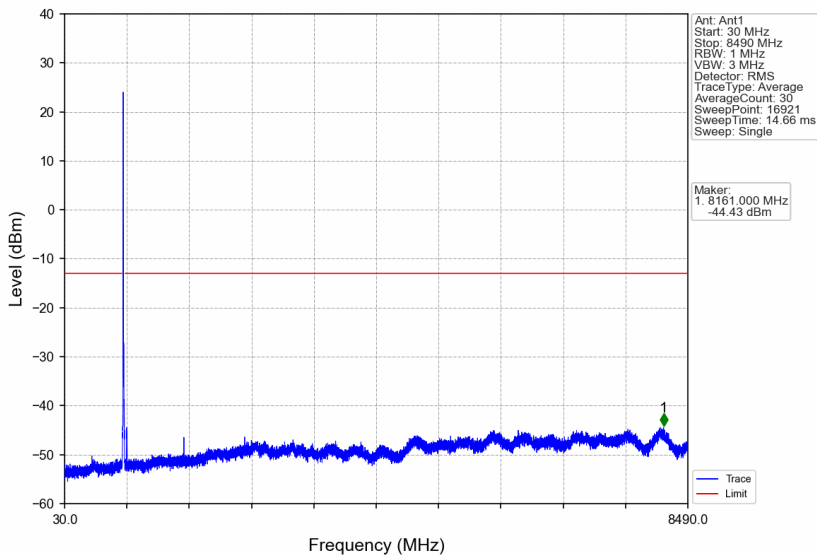
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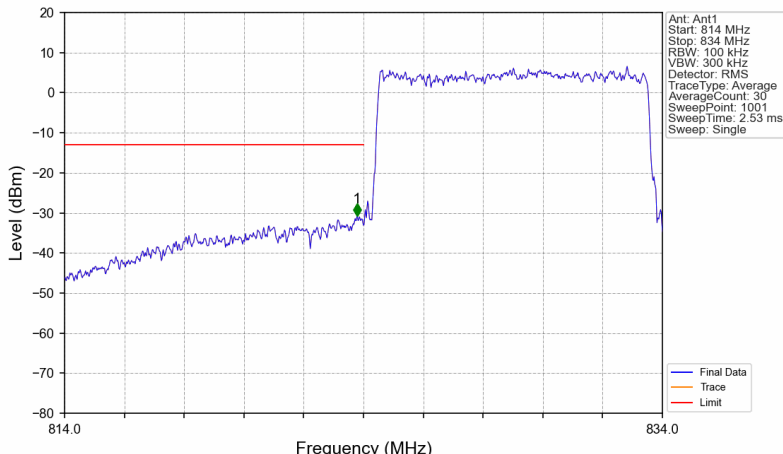
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Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.780	-30.87	-13	Pass
824	834	0.1	/	/	/	/	/	/

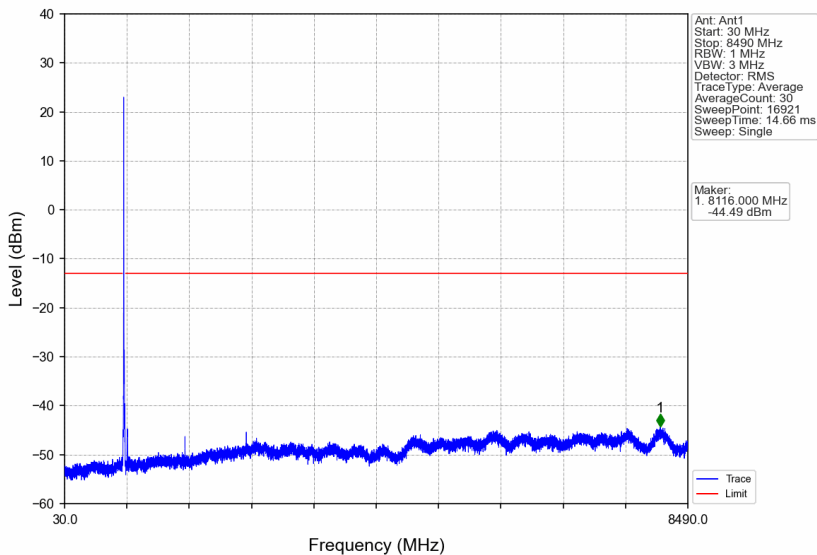


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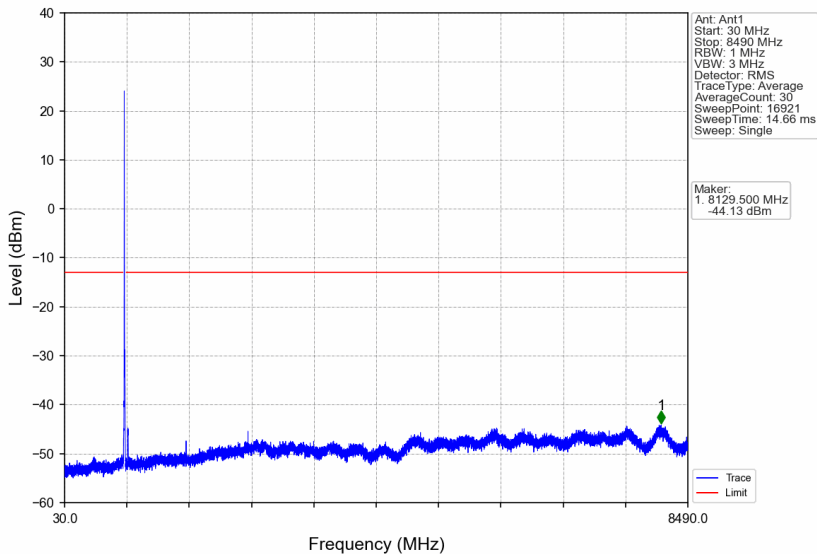
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Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

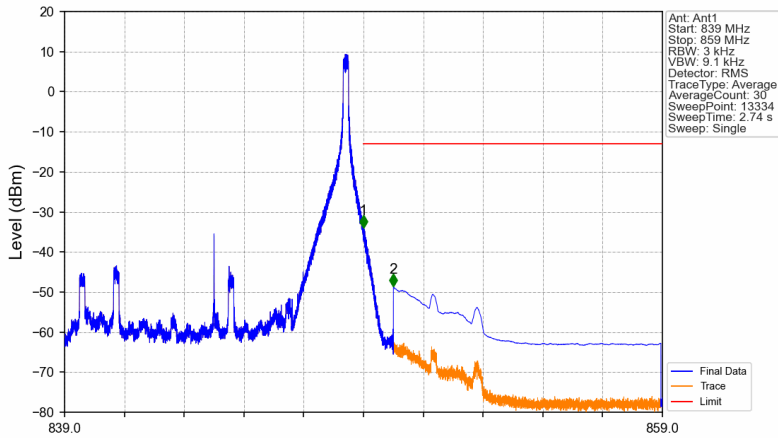


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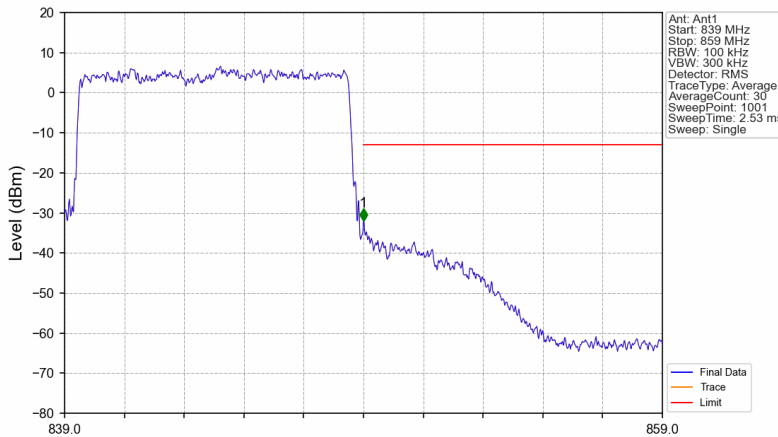
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Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



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	849.001	-33.99	-13	Pass
850	859	0.1	CHP	2	850.001	-48.61	-13	Pass

Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-31.94	-13	Pass



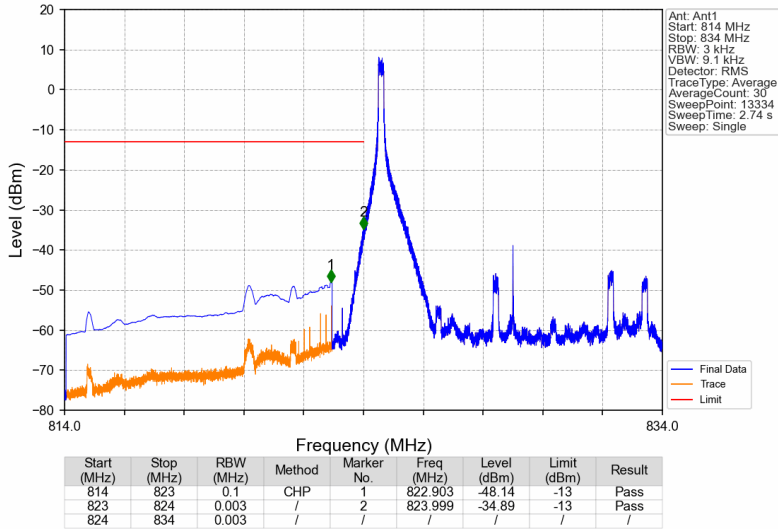
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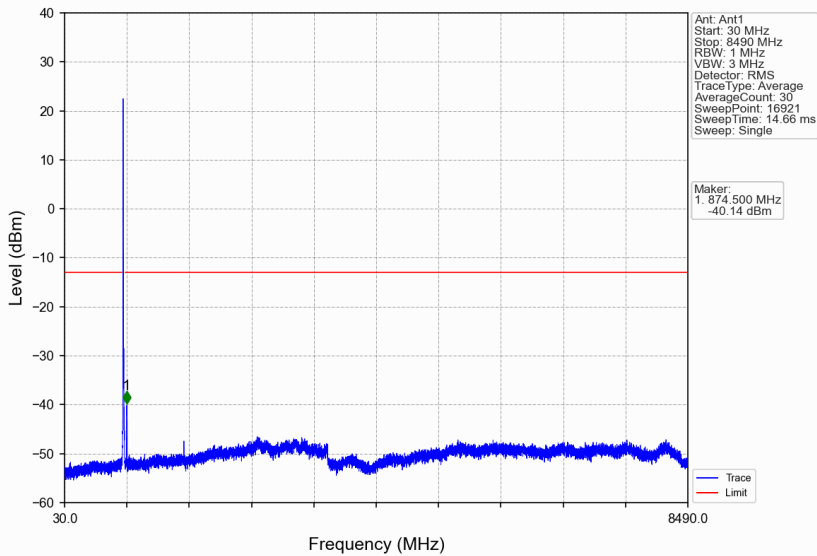
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Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

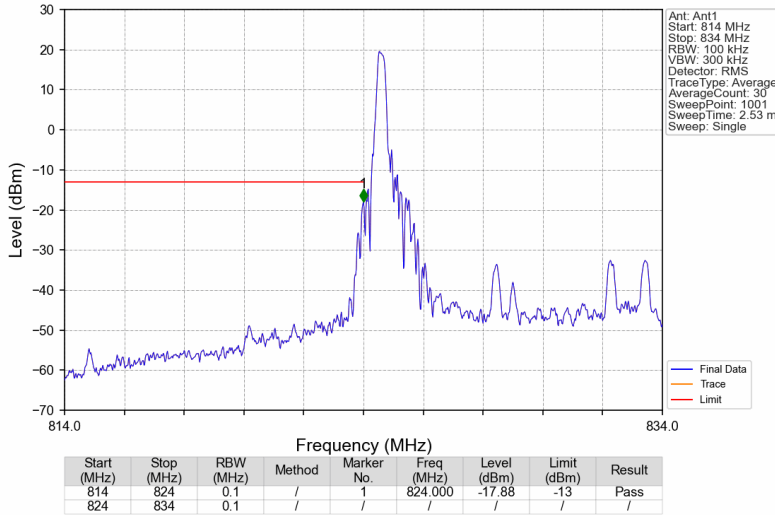


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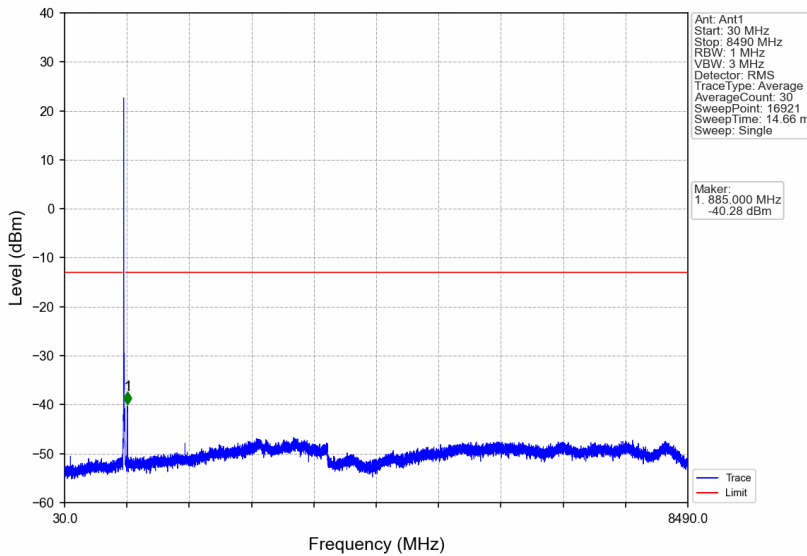
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Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



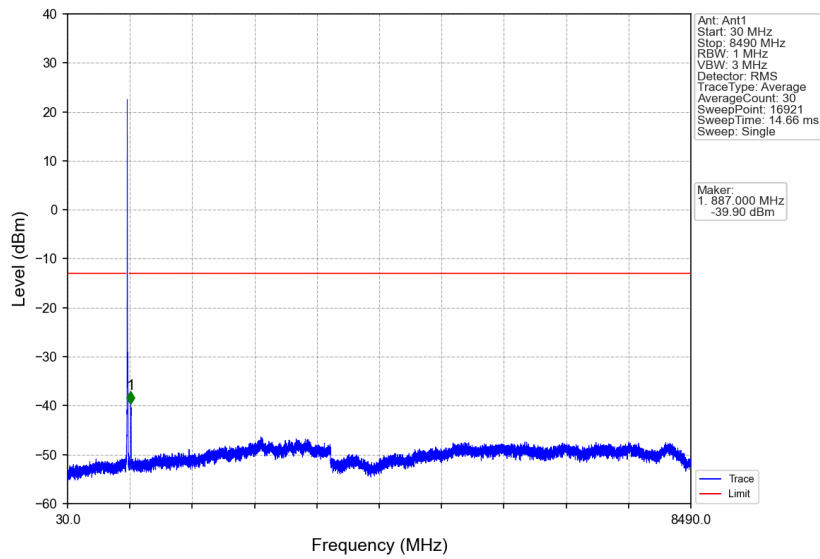
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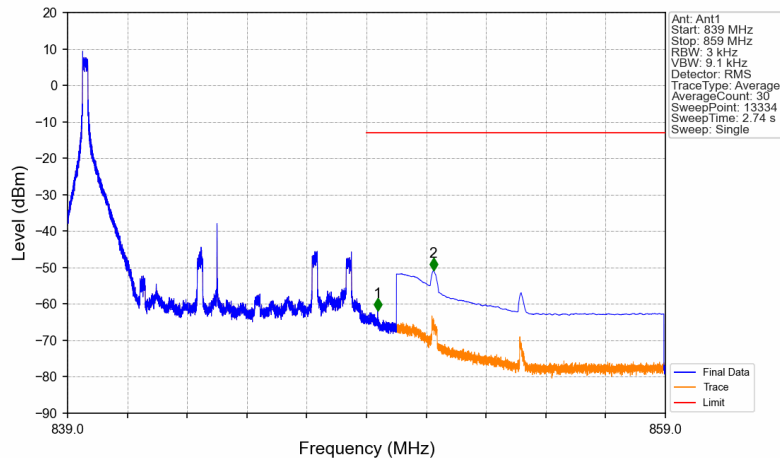
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Band5\_10MHz\_64QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_64QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



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	849.371	-61.96	-13	Pass
850	859	0.1	CHP	2	851.236	-50.79	-13	Pass



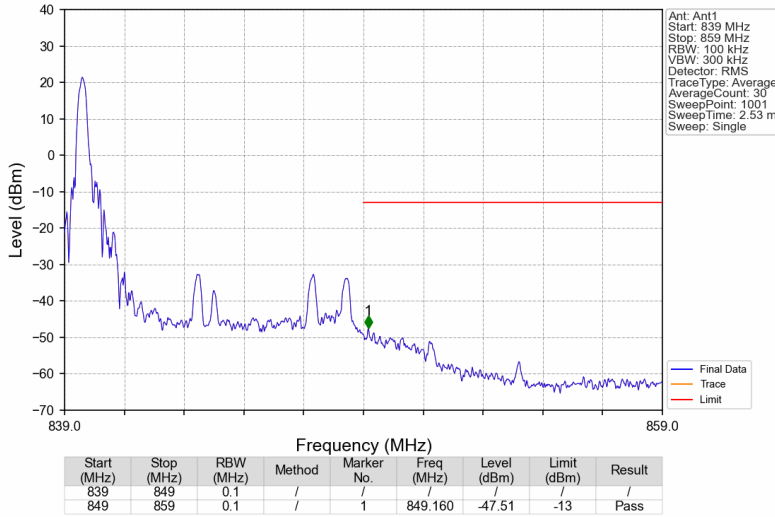
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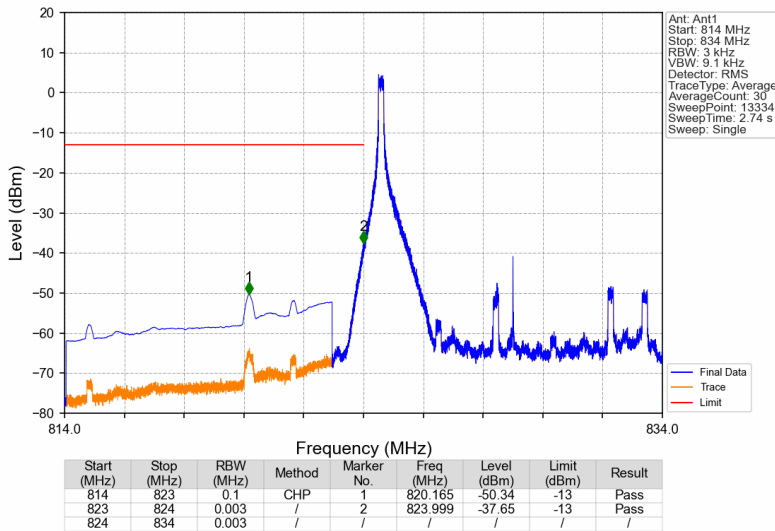
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Band5\_10MHz\_64QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_256QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

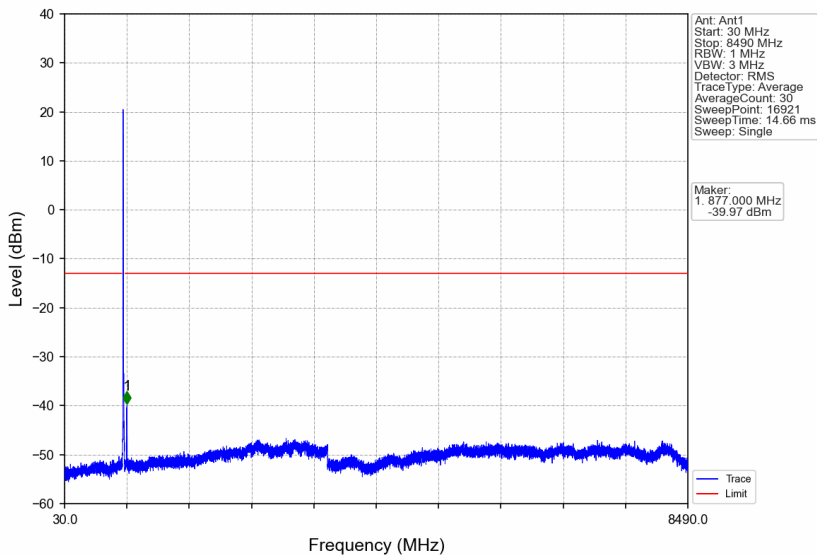


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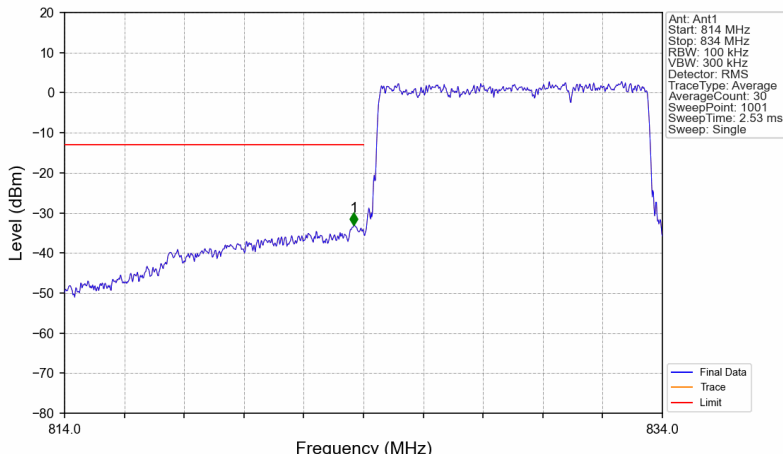
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Band5\_10MHz\_256QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_256QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.680	-33.08	-13	Pass
824	834	0.1	/	/	/	/	/	/

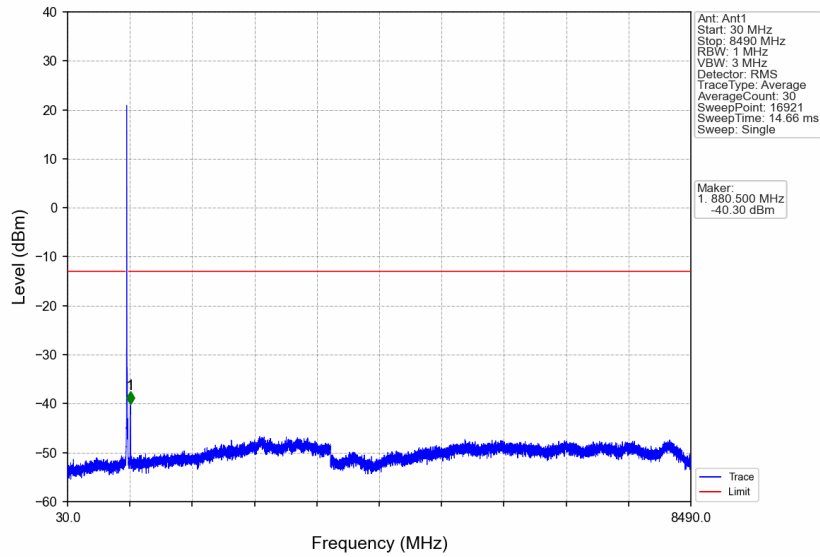


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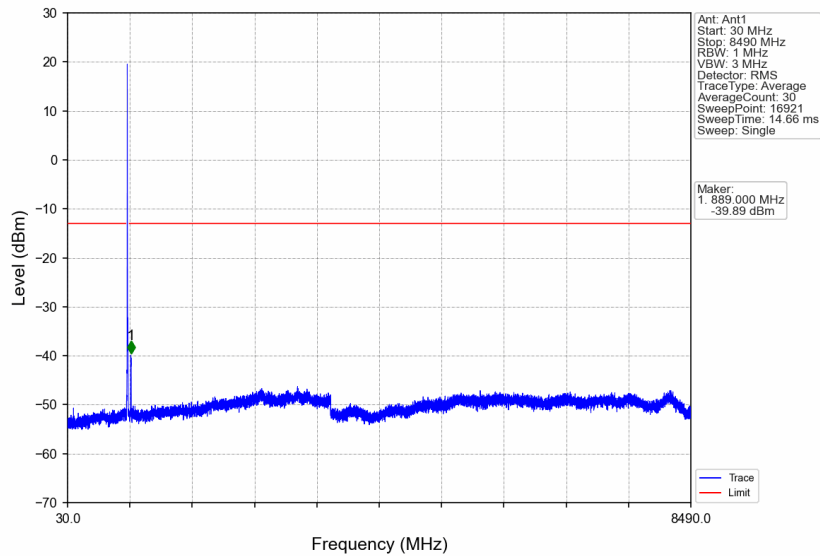
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Band5\_10MHz\_256QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_256QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

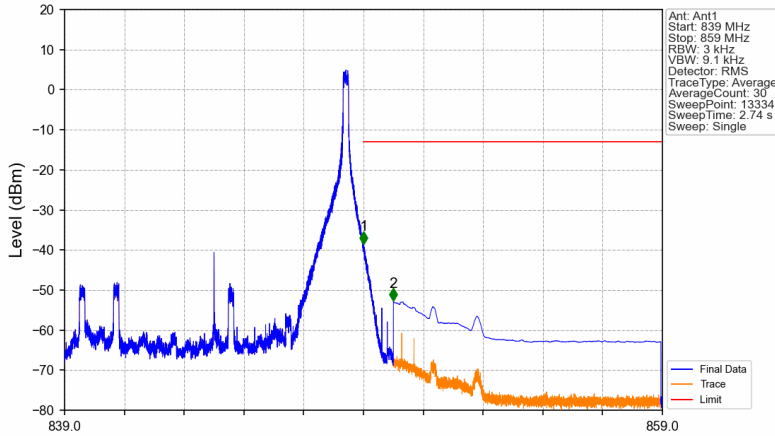


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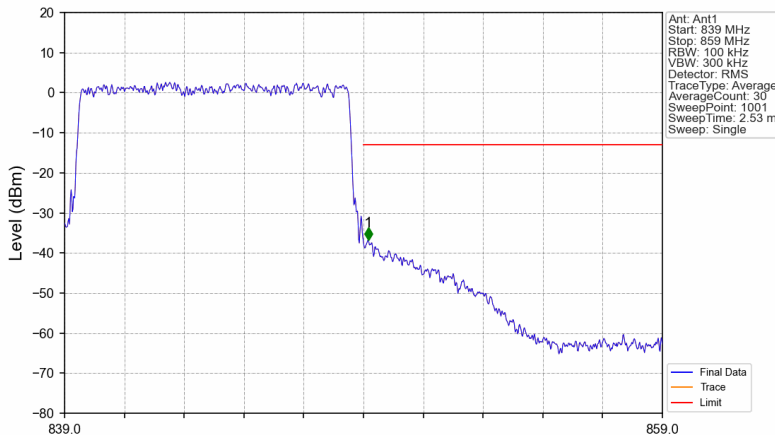
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Band5\_10MHz\_256QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



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	849.005	-38.49	-13	Pass
850	859	0.1	CHP	2	850.001	-52.62	-13	Pass

Band5\_10MHz\_256QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.160	-36.81	-13	Pass



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## 6. Field Strength of Spurious Radiation

**Test Band = LTE Band 5\_ 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	1649.18	46.84	-49.83	25.30	-72.95	-13.00	59.95	Horizontal
2	2473.77	46.09	-49.05	27.27	-70.95	-13.00	57.95	Horizontal
3	3298.36	44.95	-48.63	28.62	-70.32	-13.00	57.32	Horizontal
4	4122.95	43.64	-48.28	29.62	-70.28	-13.00	57.28	Horizontal
5	4947.54	44.08	-48.07	31.37	-67.88	-13.00	54.88	Horizontal
6	5772.13	44.57	-47.66	32.75	-65.59	-13.00	52.59	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.18	47.02	-49.83	25.30	-72.77	-13.00	59.77	Vertical
2	2473.77	45.90	-49.05	27.27	-71.14	-13.00	58.14	Vertical
3	3298.36	45.12	-48.63	28.62	-70.15	-13.00	57.15	Vertical
4	4122.95	44.20	-48.28	29.62	-69.72	-13.00	56.72	Vertical
5	4947.54	44.00	-48.07	31.37	-67.96	-13.00	54.96	Vertical
6	5772.13	44.49	-47.66	32.75	-65.67	-13.00	52.67	Vertical



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Test Band = LTE Band 5\_ 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	1664.18	49.21	-49.79	25.36	-70.49	-13.00	57.49	Horizontal
2	2496.27	45.69	-48.92	27.30	-71.19	-13.00	58.19	Horizontal
3	3328.36	44.33	-48.65	28.63	-70.95	-13.00	57.95	Horizontal
4	4160.45	44.56	-48.32	29.69	-69.33	-13.00	56.33	Horizontal
5	4992.54	44.00	-47.97	31.48	-67.75	-13.00	54.75	Horizontal
6	5824.63	44.99	-47.55	32.76	-65.05	-13.00	52.05	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664.18	46.88	-49.79	25.36	-72.82	-13.00	59.82	Vertical
2	2496.27	45.60	-48.92	27.30	-71.28	-13.00	58.28	Vertical
3	3328.36	44.75	-48.65	28.63	-70.53	-13.00	57.53	Vertical
4	4160.45	44.00	-48.32	29.69	-69.89	-13.00	56.89	Vertical
5	4992.54	43.64	-47.97	31.48	-68.11	-13.00	55.11	Vertical
6	5824.63	45.24	-47.55	32.76	-64.80	-13.00	51.80	Vertical



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**Test Band = LTE Band 5\_ 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	1679.18	53.66	-49.76	25.42	-65.94	-13.00	52.94	Horizontal
2	2518.77	45.78	-48.95	27.35	-71.09	-13.00	58.09	Horizontal
3	3358.36	45.40	-48.67	28.64	-69.88	-13.00	56.88	Horizontal
4	4197.95	43.97	-48.36	29.76	-69.89	-13.00	56.89	Horizontal
5	5037.54	44.09	-47.94	31.59	-67.52	-13.00	54.52	Horizontal
6	5887.13	44.64	-47.11	32.78	-64.95	-13.00	51.95	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.18	51.29	-49.76	25.42	-68.31	-13.00	55.31	Vertical
2	2518.77	46.68	-48.95	27.35	-70.19	-13.00	57.19	Vertical
3	3358.36	45.29	-48.67	28.64	-69.99	-13.00	56.99	Vertical
4	4197.95	44.04	-48.36	29.76	-69.82	-13.00	56.82	Vertical
5	5037.54	44.38	-47.94	31.59	-67.23	-13.00	54.23	Vertical
6	5887.13	44.49	-47.11	32.78	-65.10	-13.00	52.10	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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