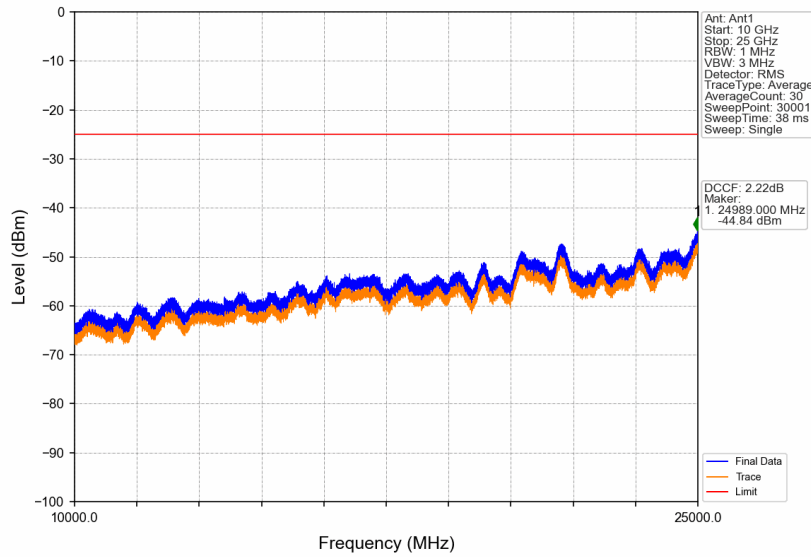
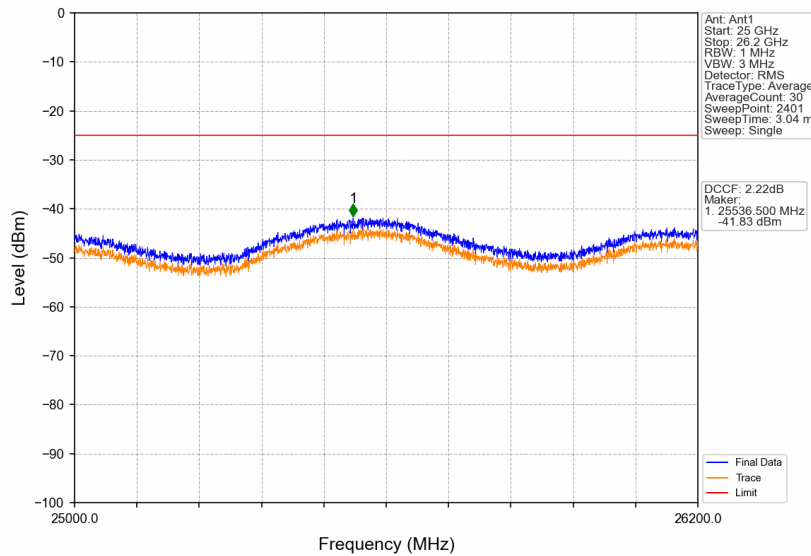


Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



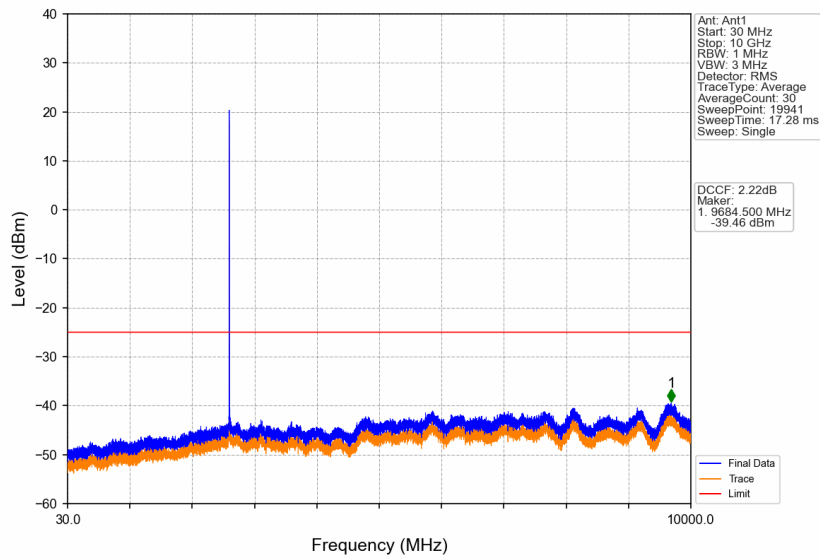
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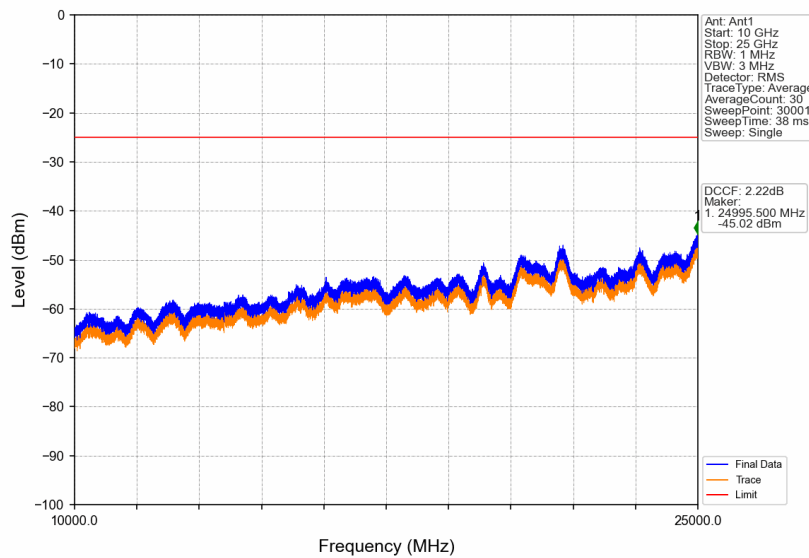
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Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



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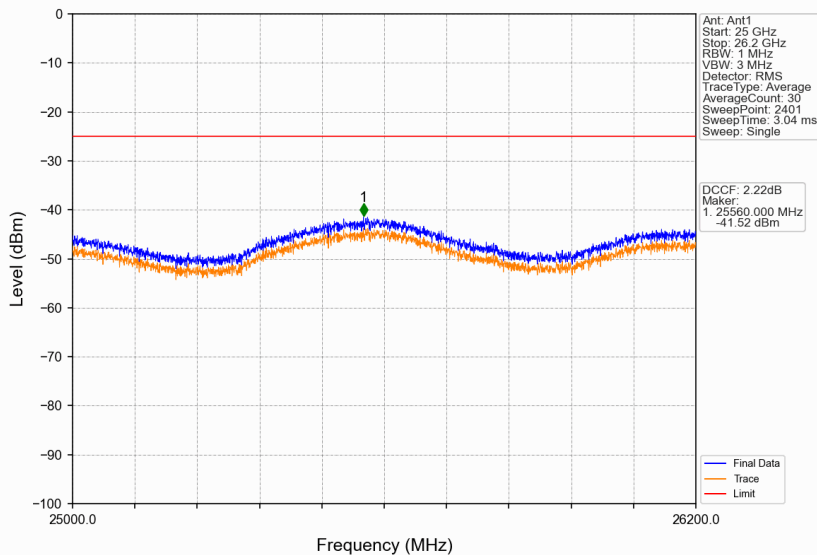
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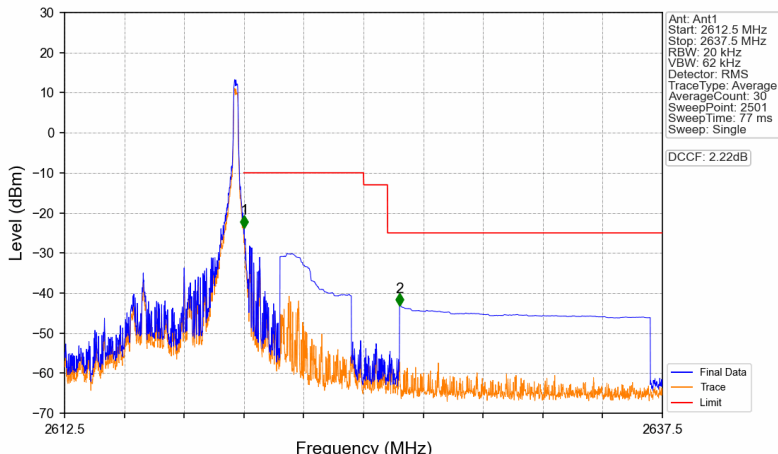
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Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	1	2620.010	-23.72	-10	Pass
2620	2621	0.02	/	1	2620.010	-23.72	-10	Pass
2621	2637.5	1	CHP	2	2626.510	-43.18	-25	Pass

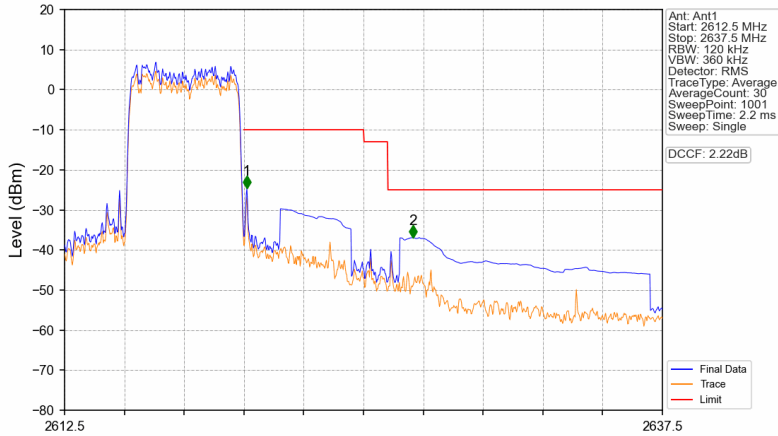


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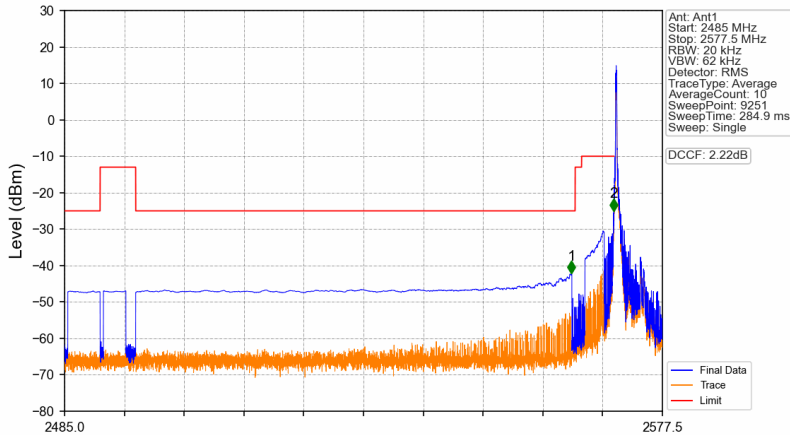
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Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.12	/	/	/	/	/	/
2620	2621	0.12	/	1	2620.125	-24.64	-10	Pass
2621	2637.5	1	CHP	2	2627.075	-36.93	-25	Pass

Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.450	-42.23	-25	Pass
2569	2570	0.02	/	2	2570.000	-25.02	-10	Pass
2570	2577.5	0.02	/	/	/	/	/	/

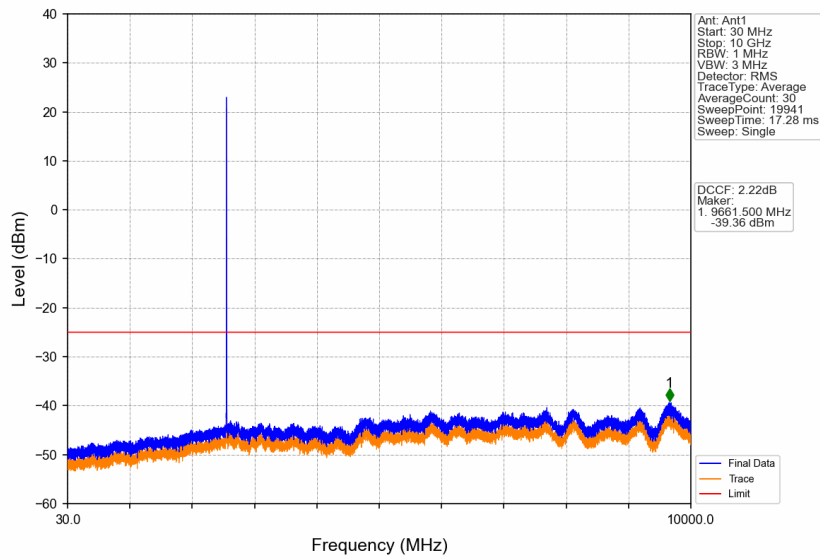


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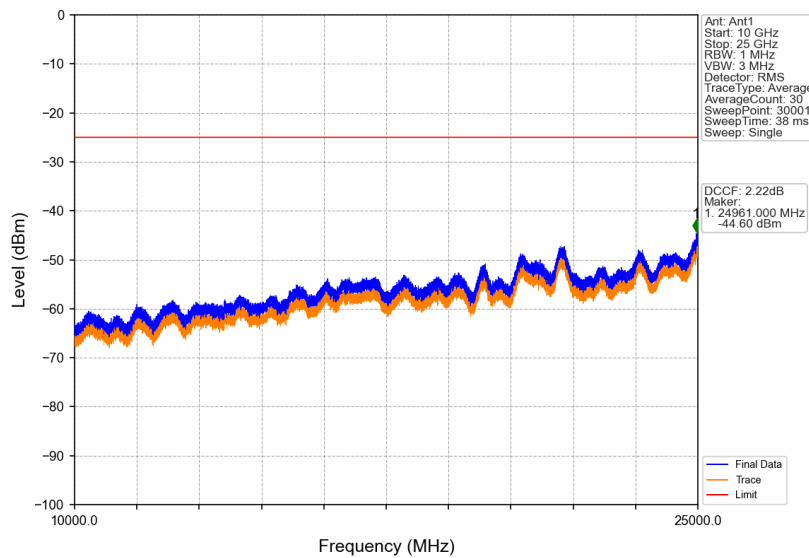
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Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



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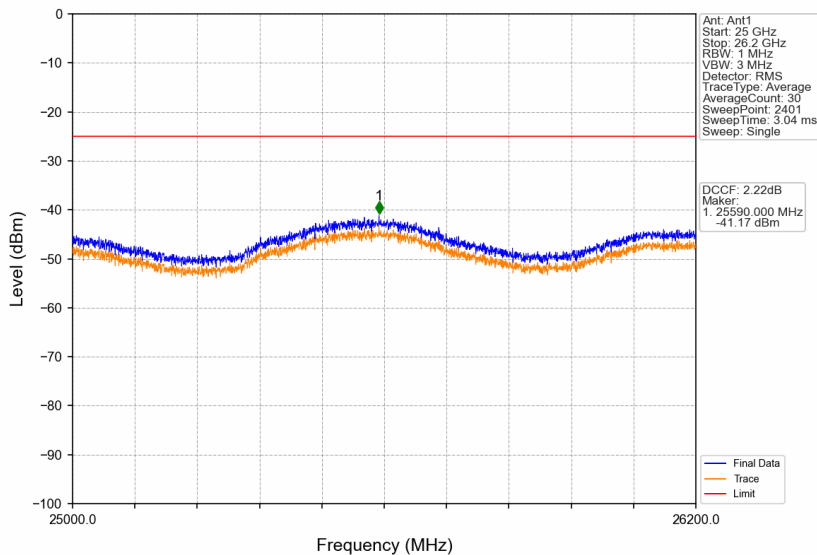
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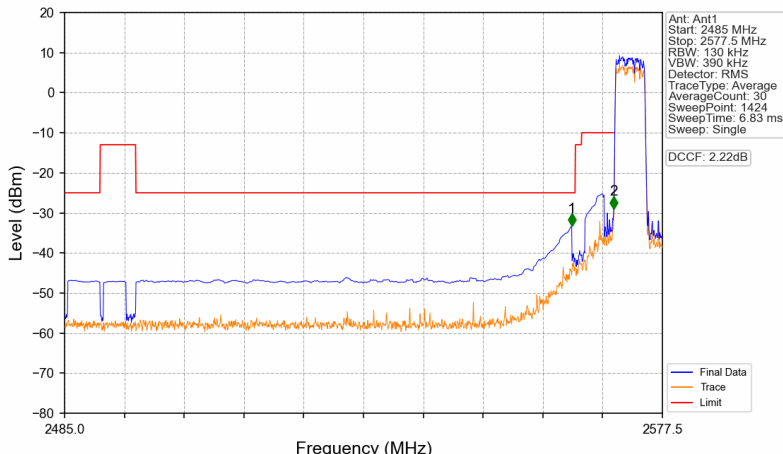
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Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.459	-33.28	-25	Pass
2569	2570	0.13	/	2	2569.960	-28.95	-10	Pass
2570	2577.5	0.13	/	/	/	/	/	/

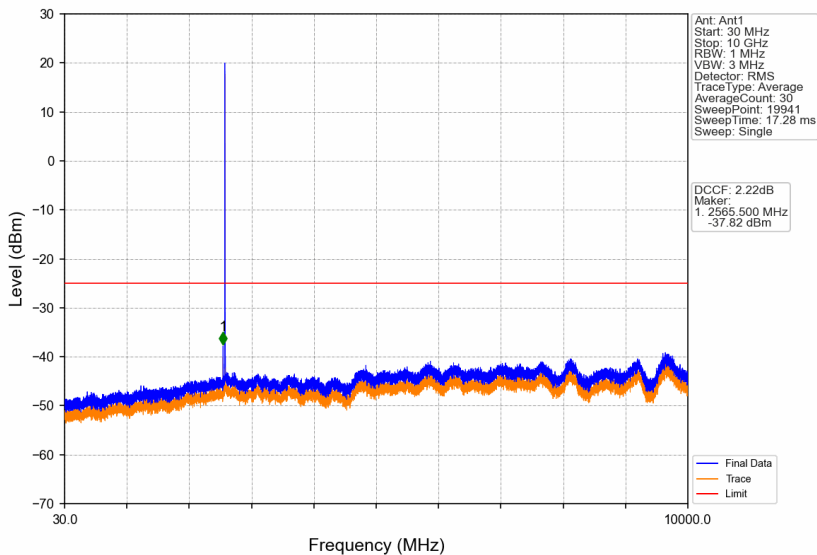


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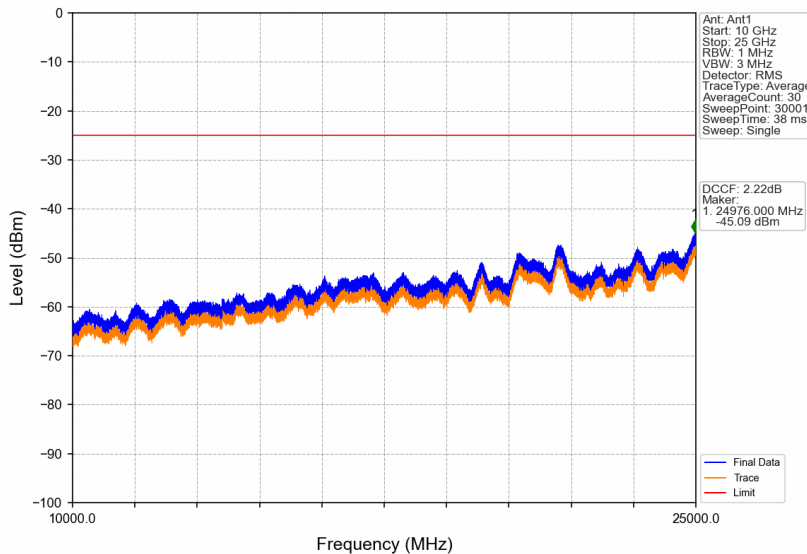
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Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



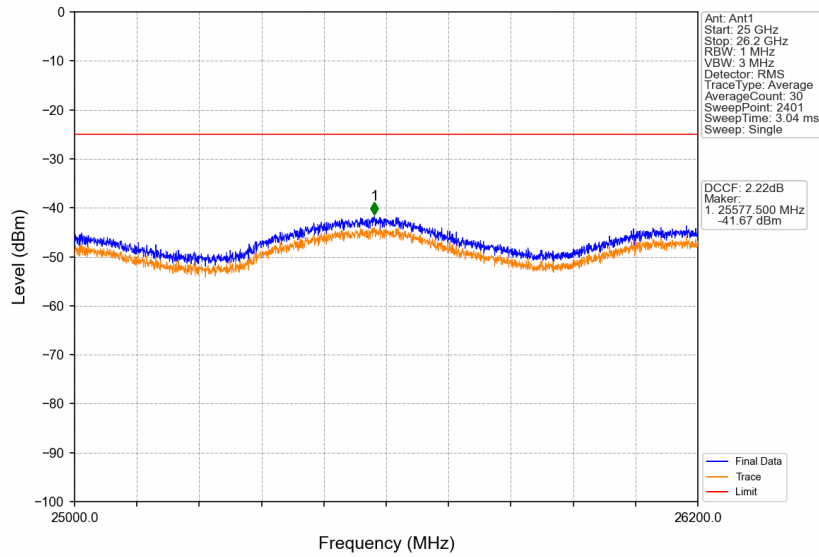
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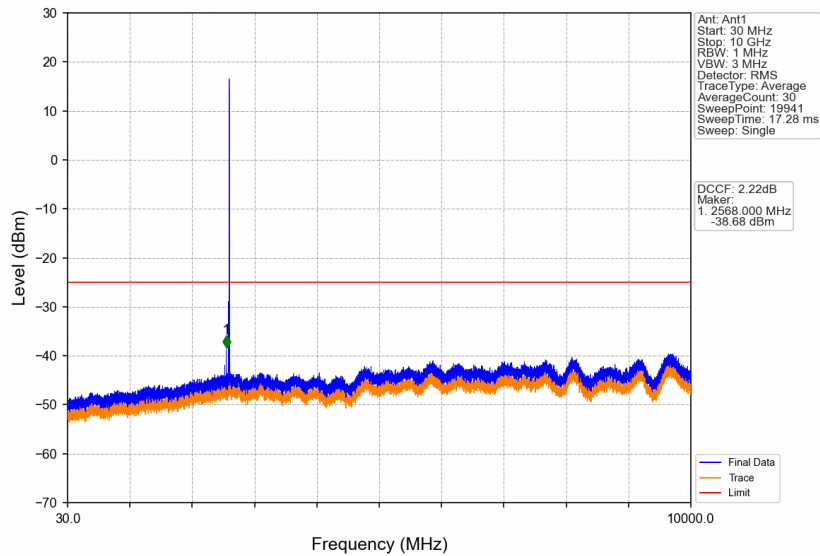
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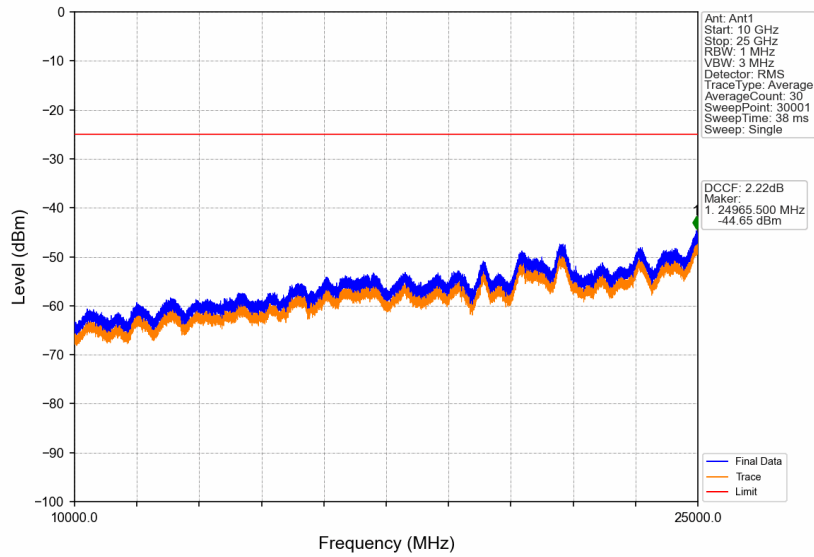
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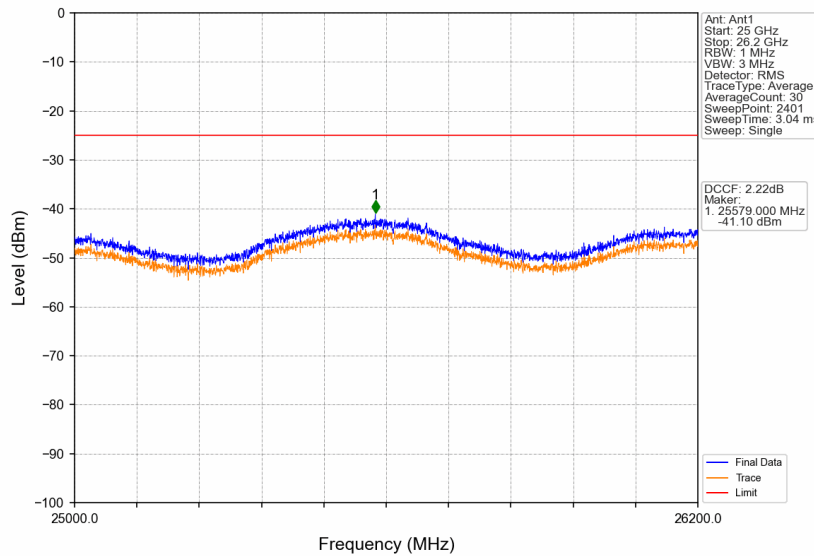
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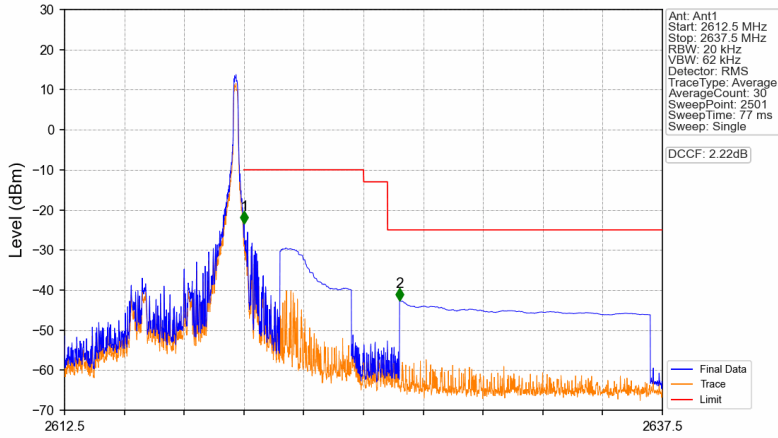


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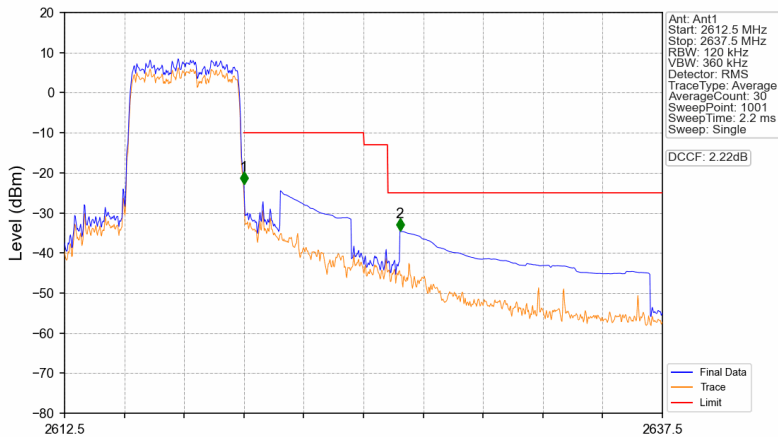
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Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-23.46	-10	Pass
2621	2637.5	1	CHP	2	2626.510	-42.74	-25	Pass

Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.12	/	/	/	/	/	/
2620	2621	0.12	/	1	2620.000	-22.88	-10	Pass
2621	2637.5	1	CHP	2	2626.525	-34.48	-25	Pass

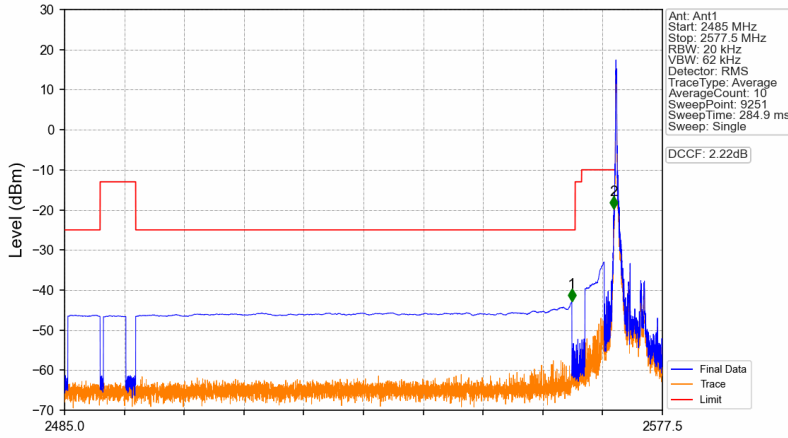


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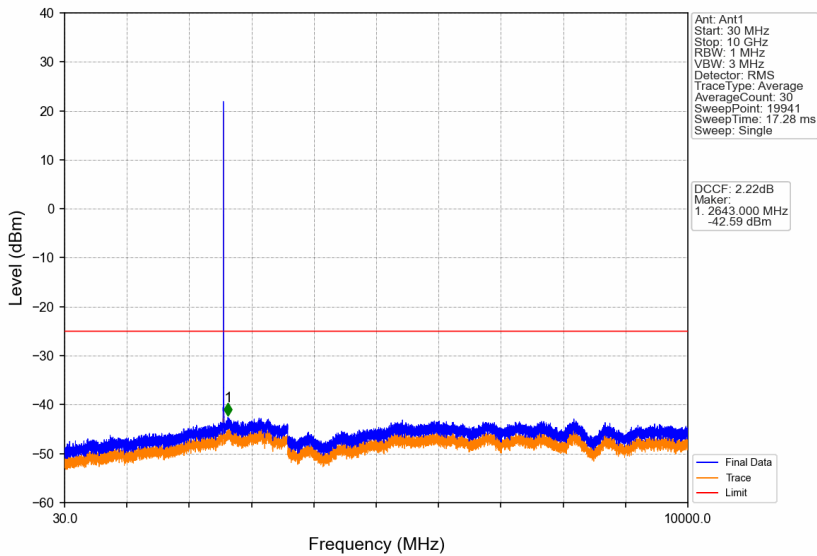
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Band38\_5MHz\_64QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_64QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV

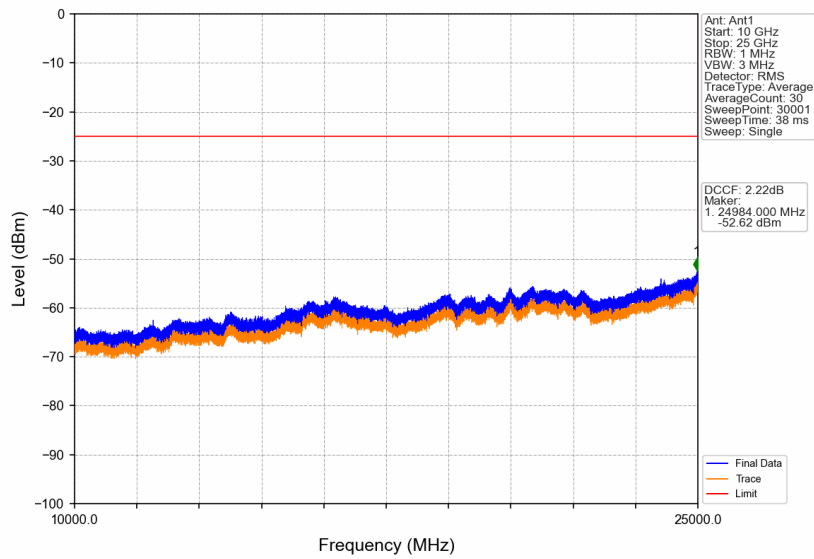


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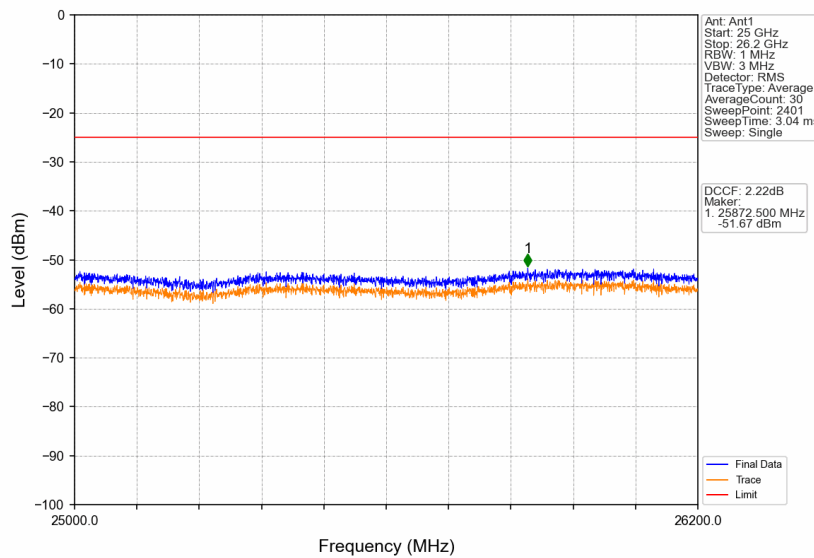
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Band38\_5MHz\_64QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_64QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV

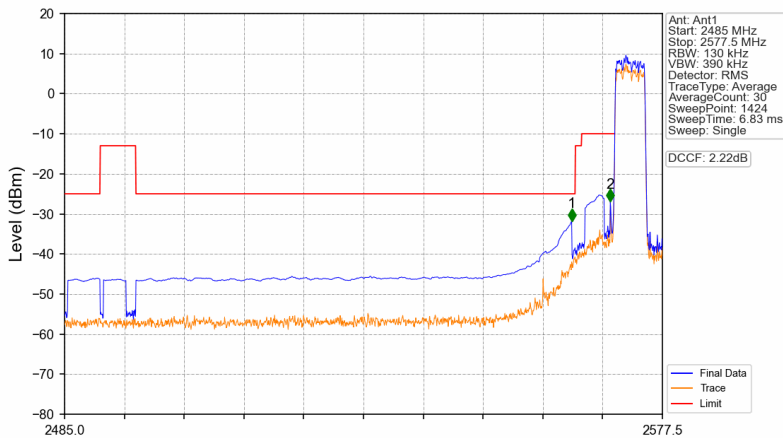


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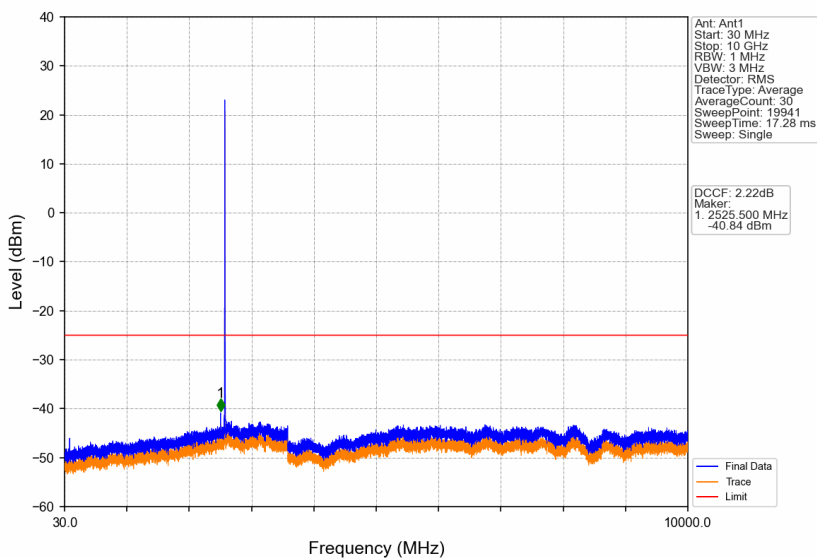
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Band38\_5MHz\_64QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



Band38\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV

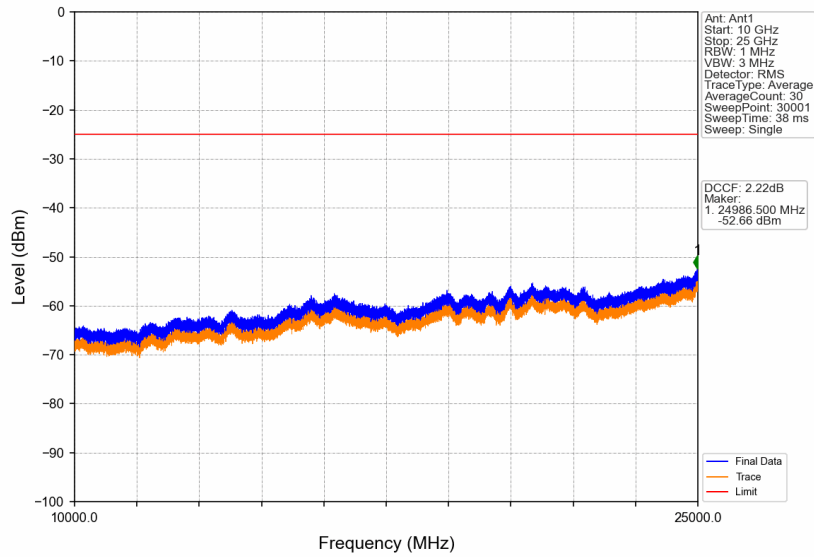


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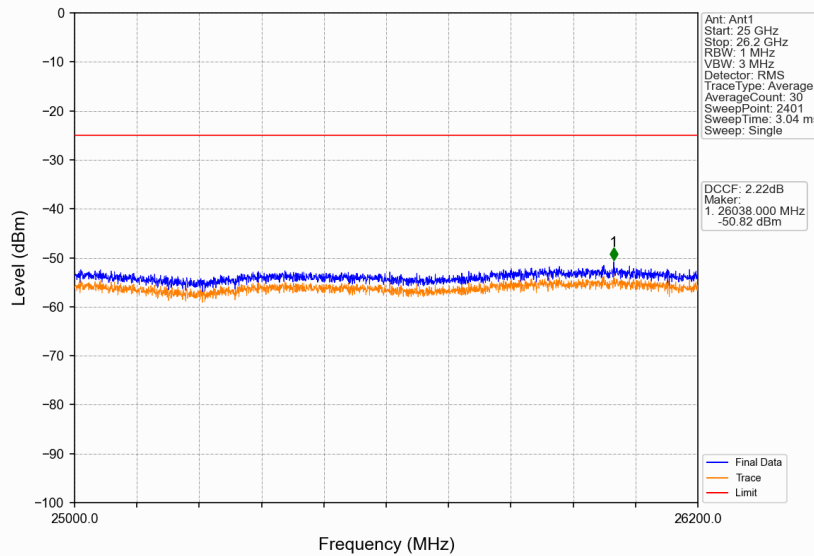
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Band38\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV

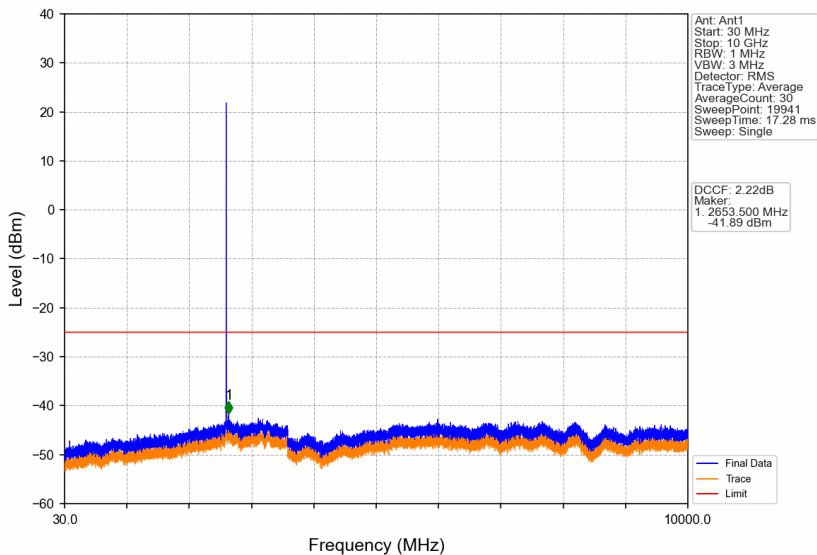


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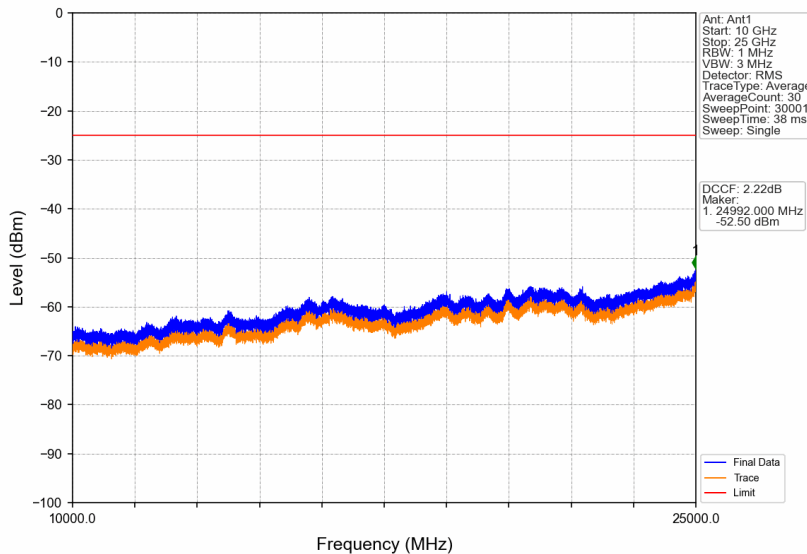
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Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV

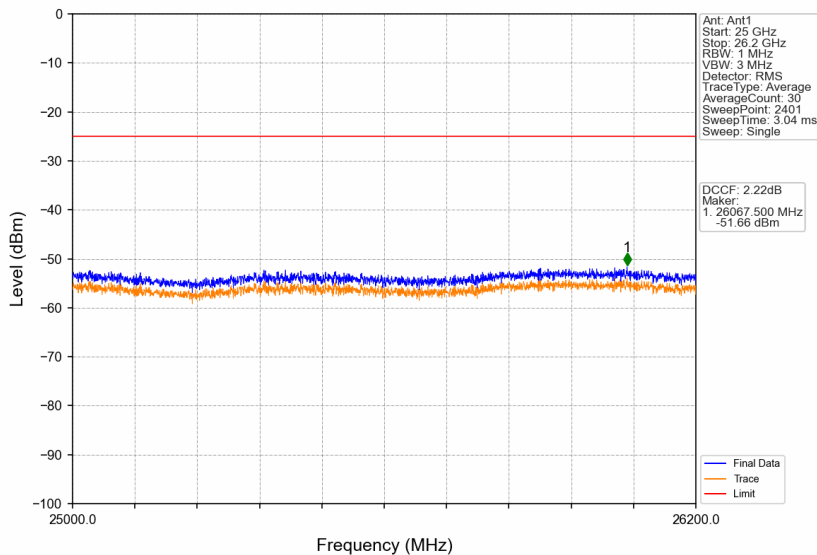


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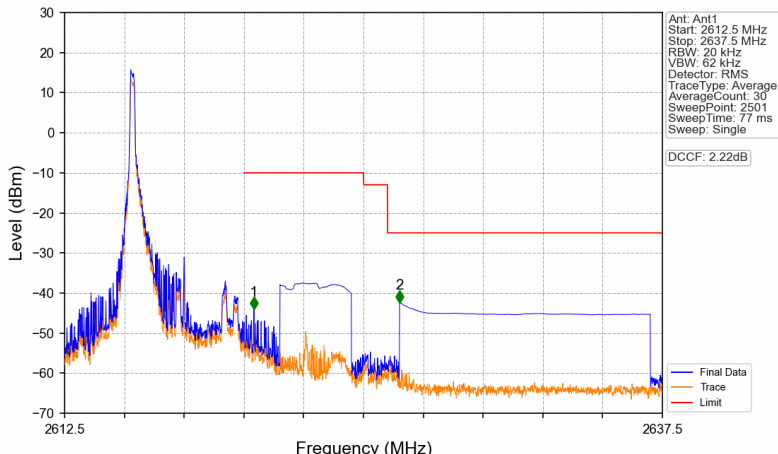
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Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	1	2620.420	-44.04	-10	Pass
2620	2621	0.02	/	1	2620.420	-44.04	-10	Pass
2621	2637.5	1	CHP	2	2626.510	-42.42	-25	Pass



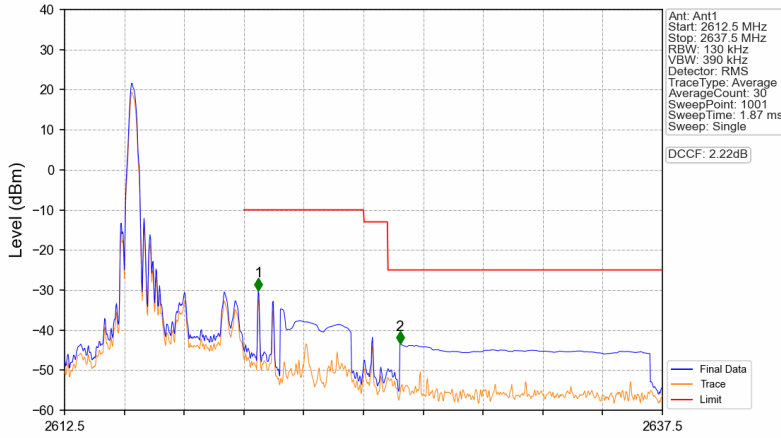
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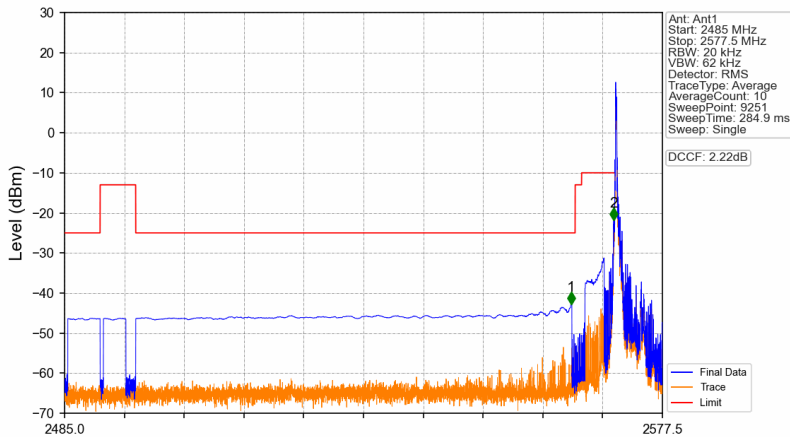


Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.13	/	/	/	/	/	/
2620	2621	0.13	/	1	2620.600	-30.13	-10	Pass
2621	2637.5	1	CHP	2	2626.525	-43.43	-25	Pass

Band38\_5MHz\_256QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.380	-42.90	-25	Pass
2569	2570	0.02	/	2	2569.970	-21.92	-10	Pass
2570	2577.5	0.02	/	/	/	/	/	/

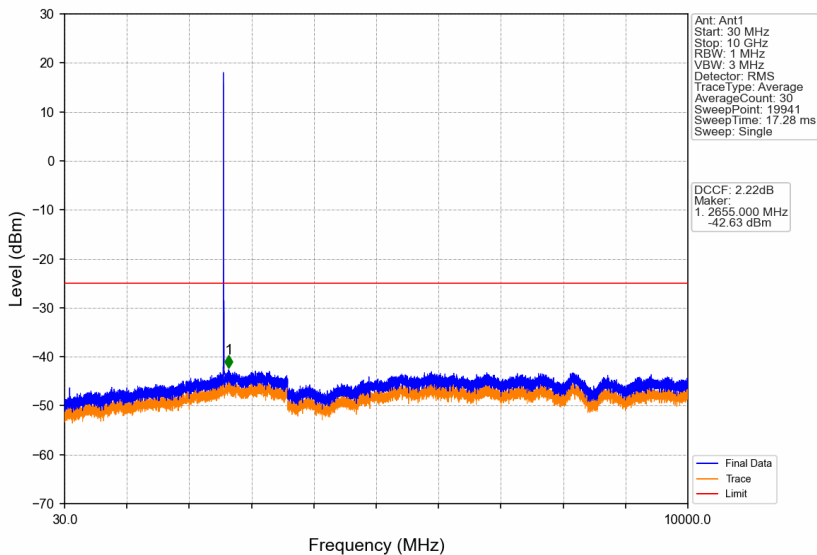


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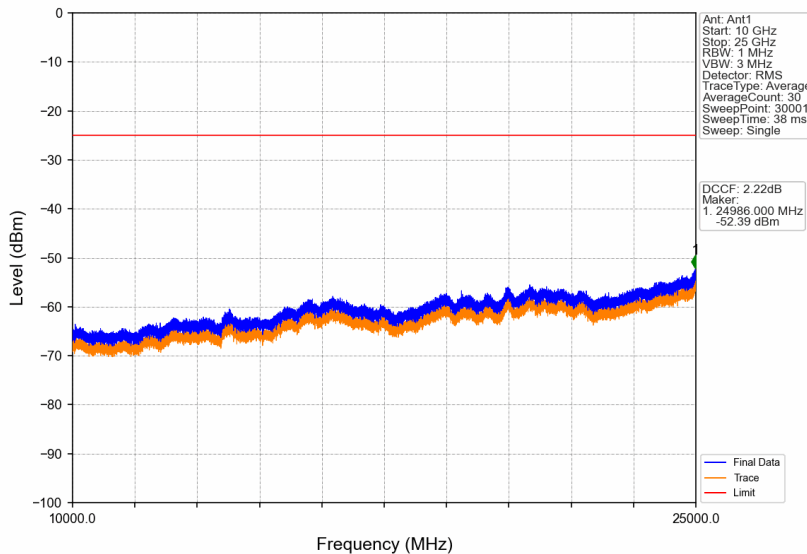
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Band38\_5MHz\_256QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



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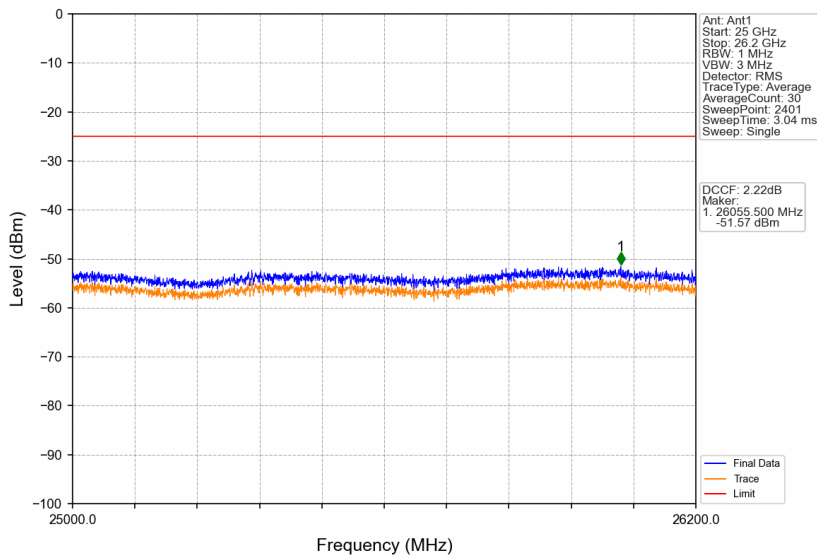


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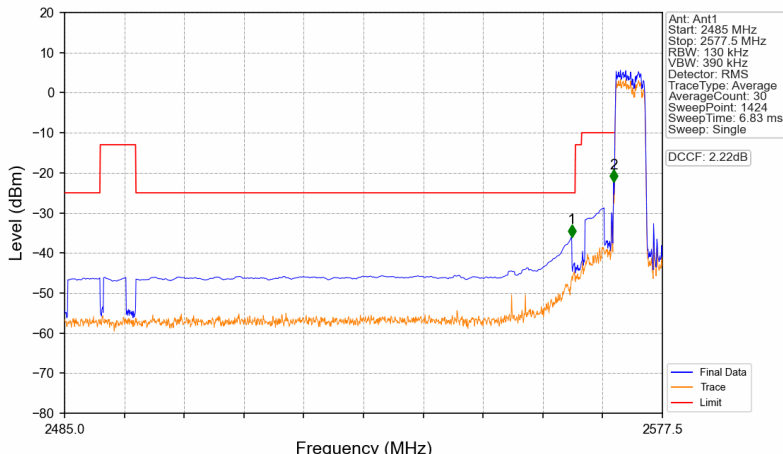
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Band38\_5MHz\_256QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_256QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.459	-38.00	-25	Pass
2569	2570	0.13	/	2	2569.960	-22.36	-10	Pass
2570	2577.5	0.13	/	/	/	/	/	/

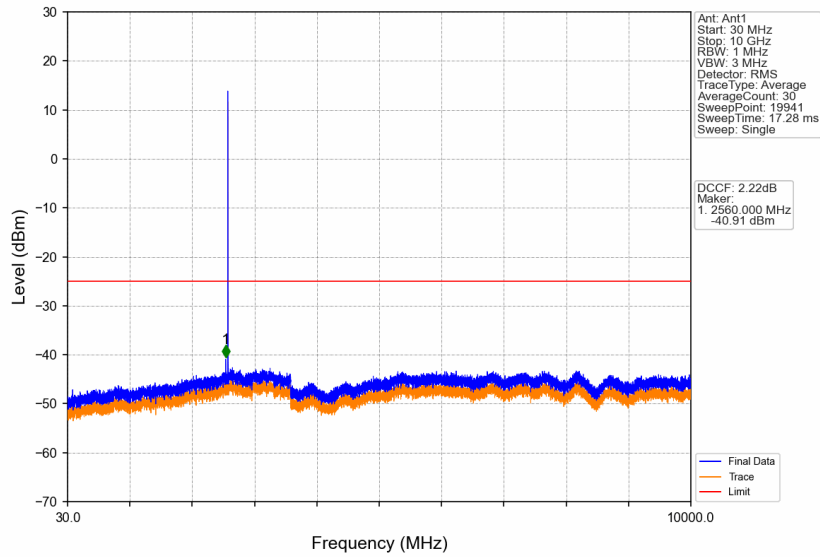


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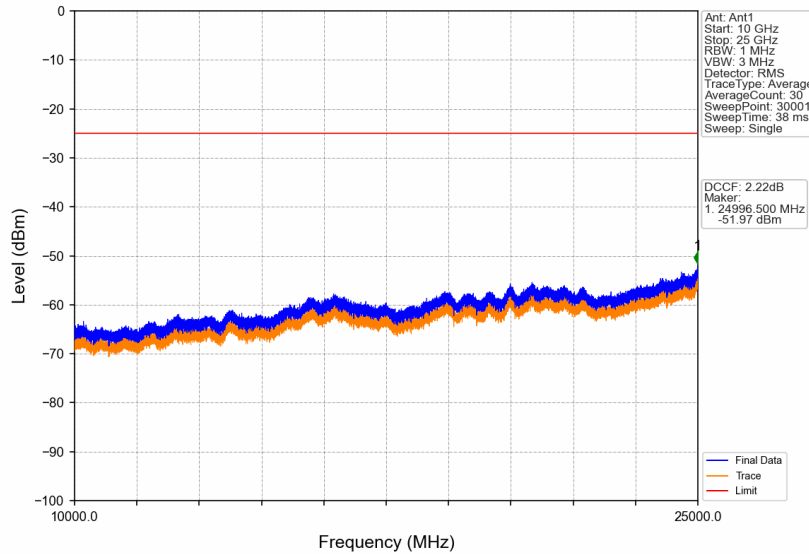
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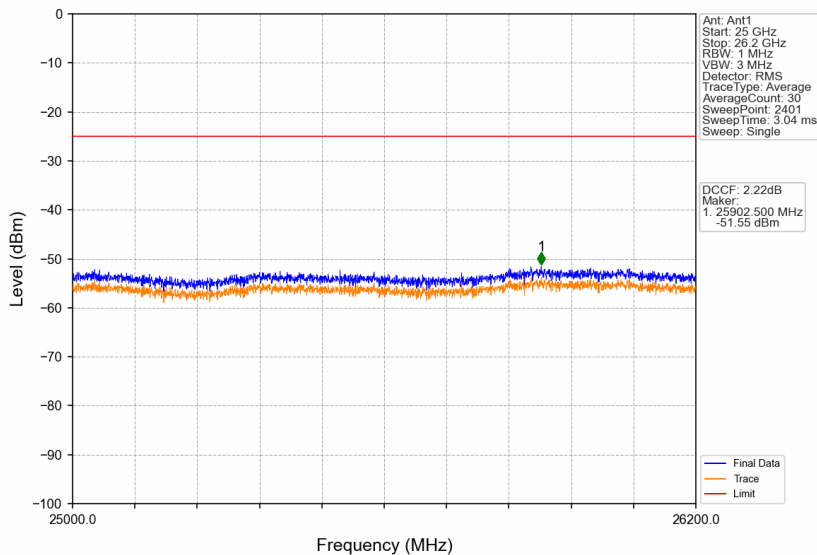
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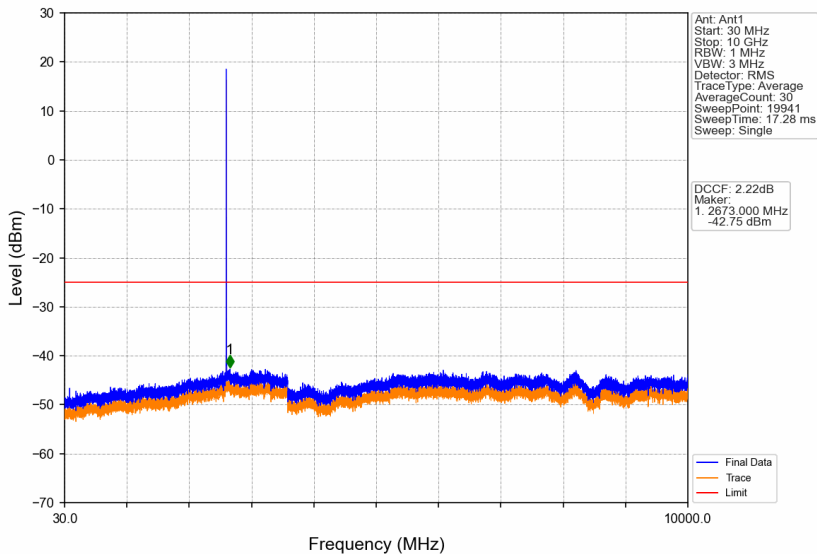
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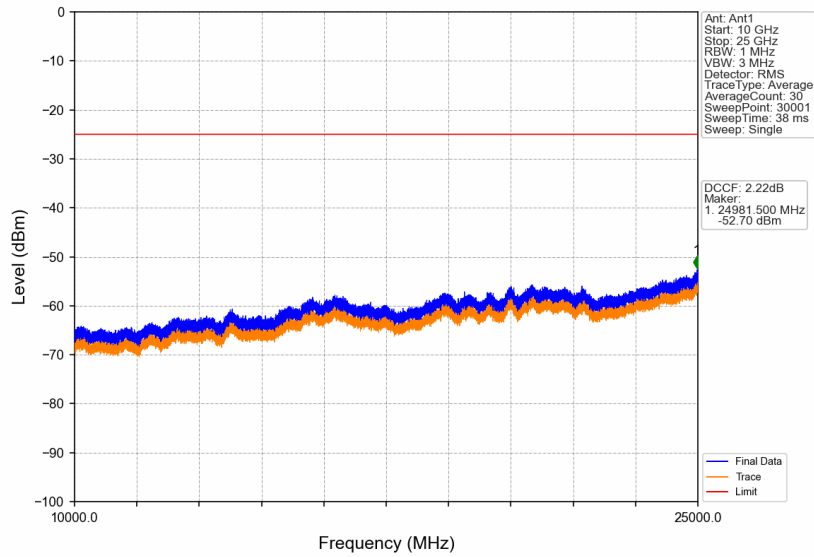


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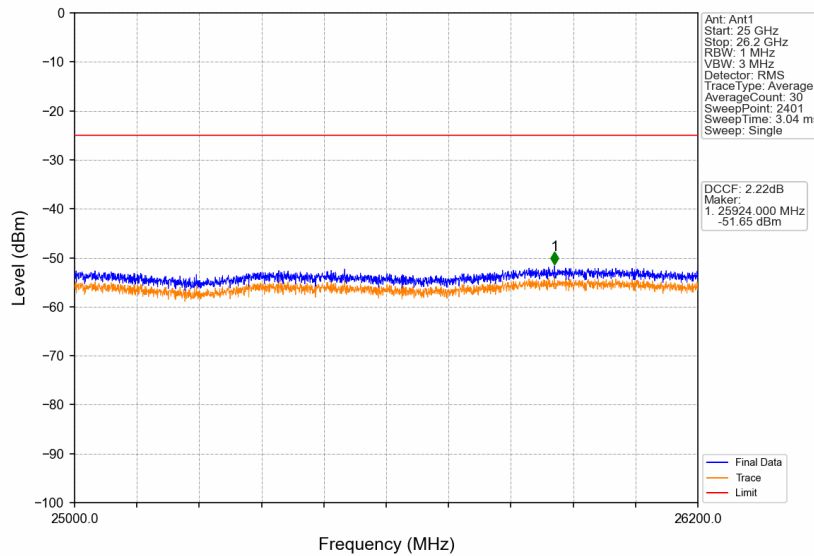
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Band38\_5MHz\_256QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



Band38\_5MHz\_256QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



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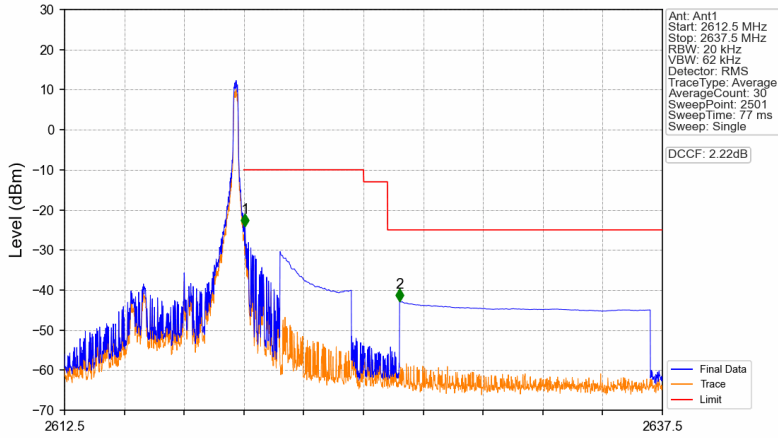
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Wireless Laboratory

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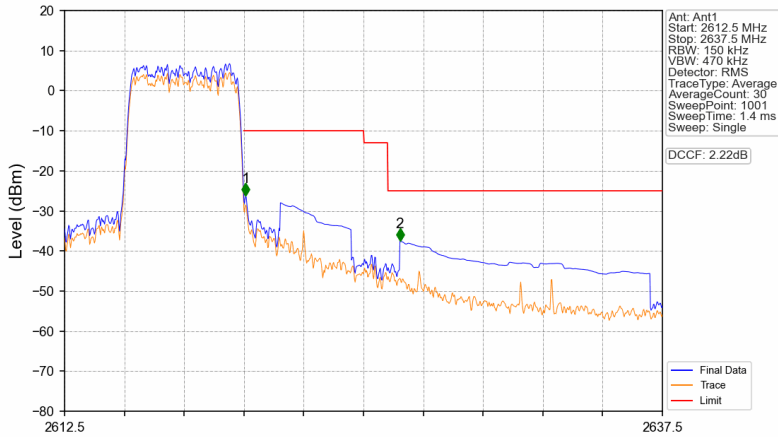
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Band38\_5MHz\_256QAM\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.050	-24.19	-10	Pass
2621	2637.5	1	CHP	2	2626.510	-42.90	-25	Pass

Band38\_5MHz\_256QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.15	/	/	/	/	/	/
2620	2621	0.15	/	1	2620.075	-26.28	-10	Pass
2621	2637.5	1	CHP	2	2626.525	-37.49	-25	Pass



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5.2 B38\_10MHz

5.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
256QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

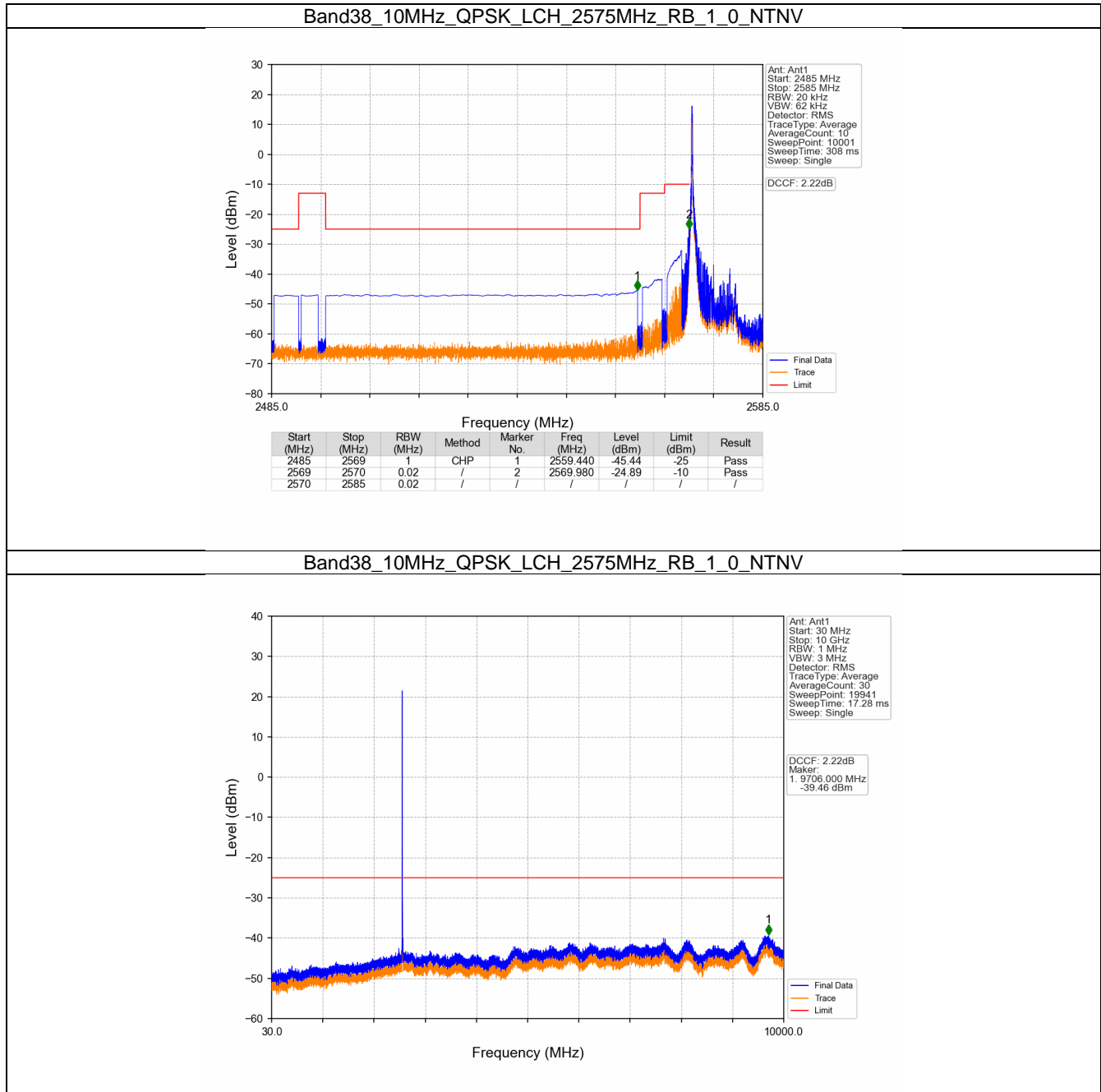


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5.2.2 Test Graph

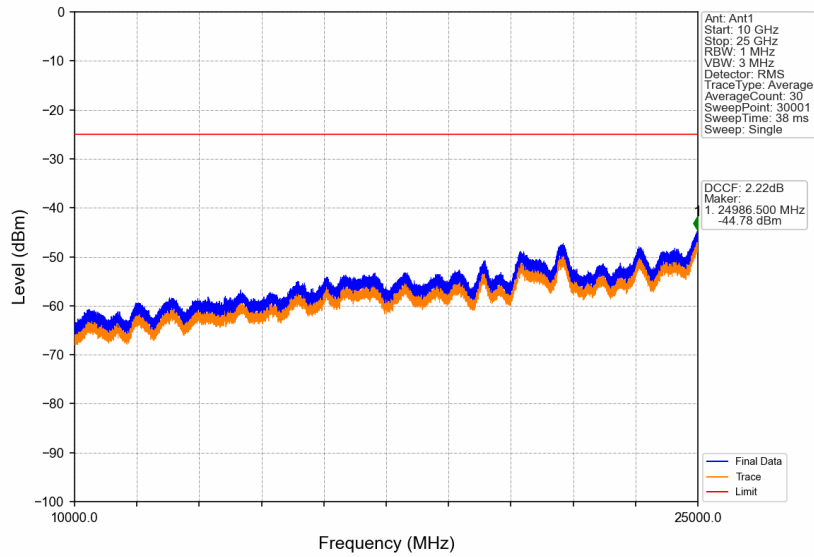


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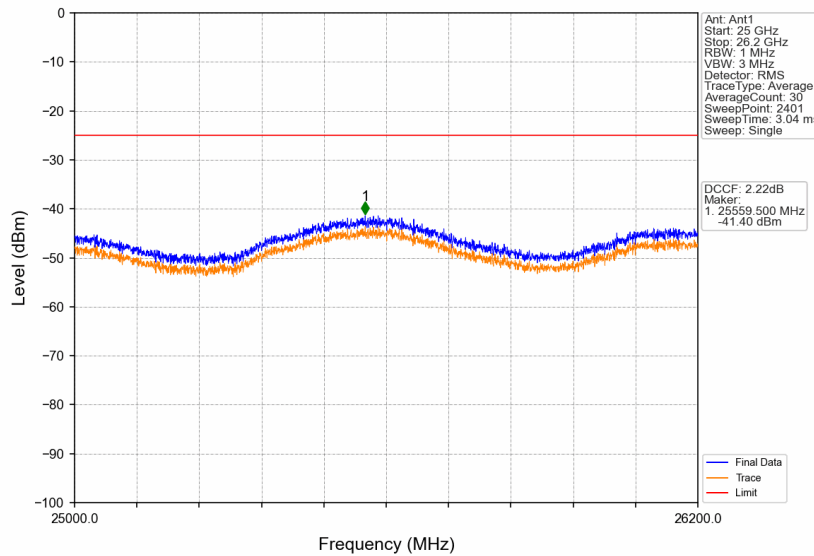
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Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_1\_0\_NTNV

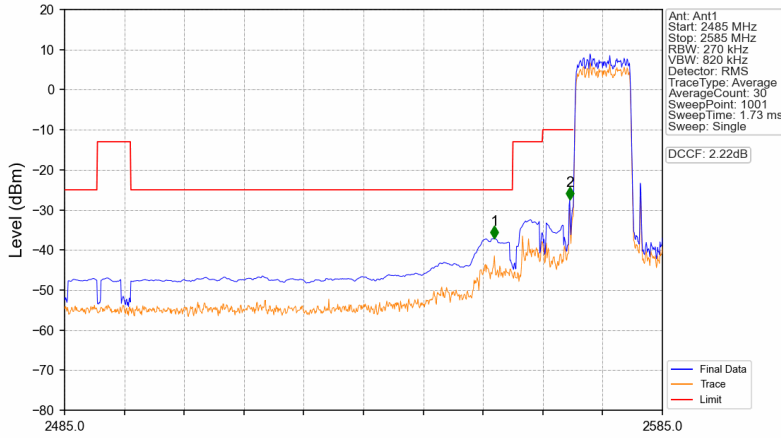


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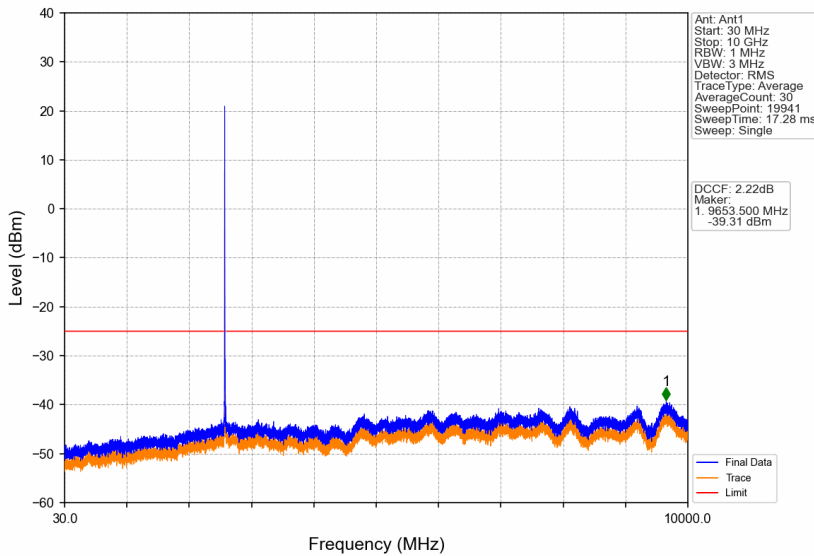
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Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2556.900	-37.15	-25	Pass
2569	2570	0.27	/	2	2569.500	-27.39	-10	Pass
2570	2585	0.27	/	/	/	/	/	/

Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV

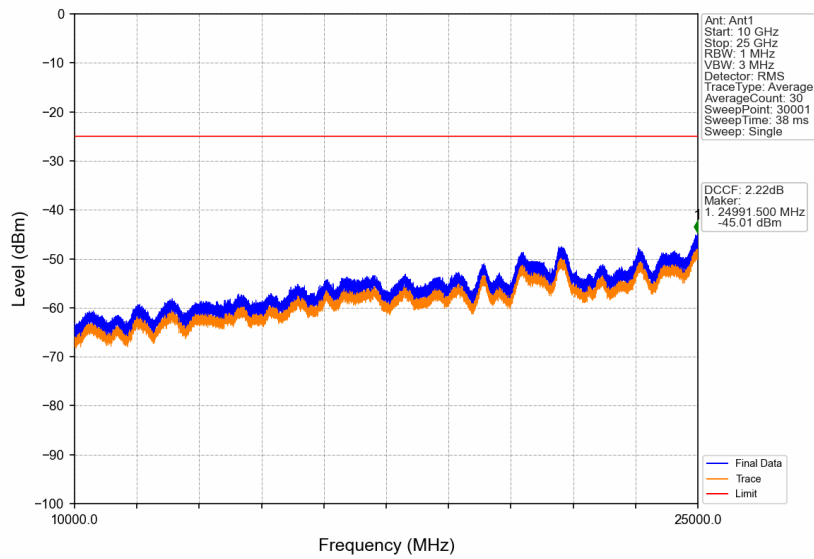


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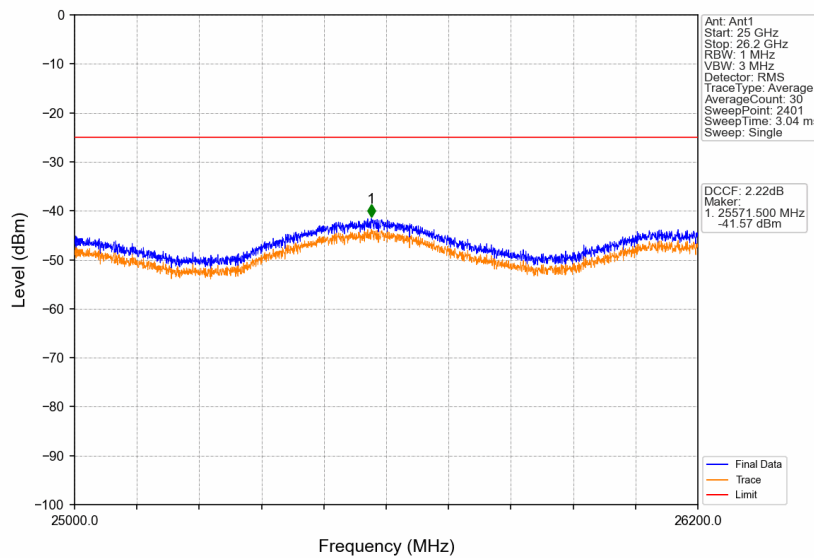
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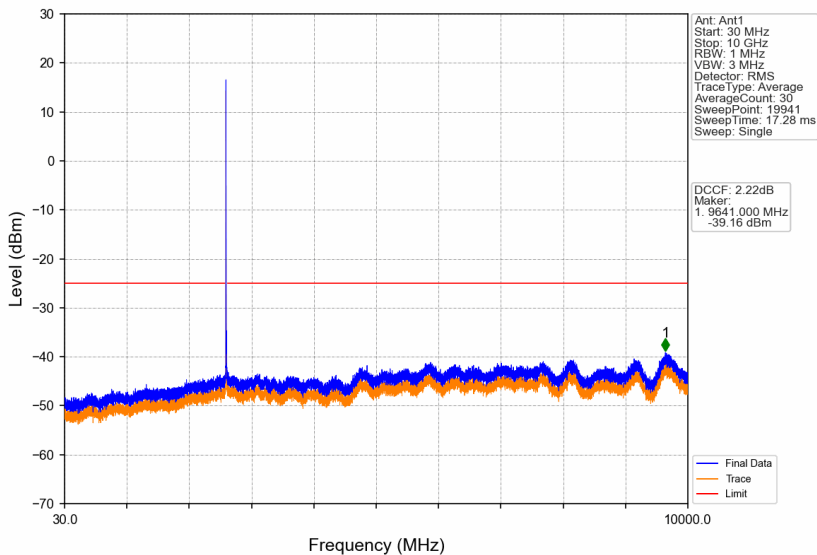


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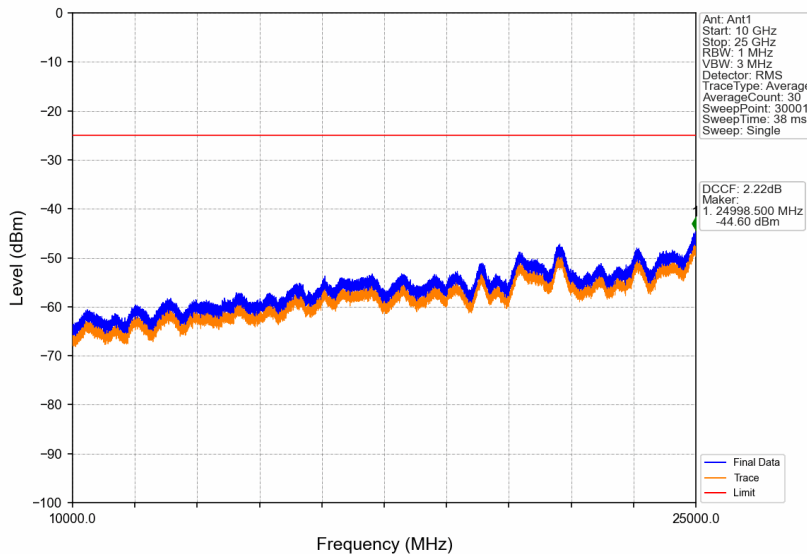
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Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



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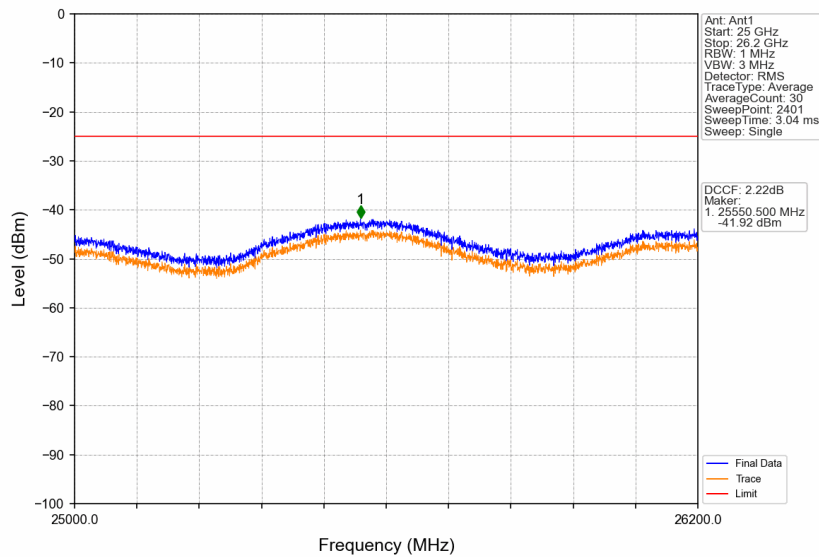
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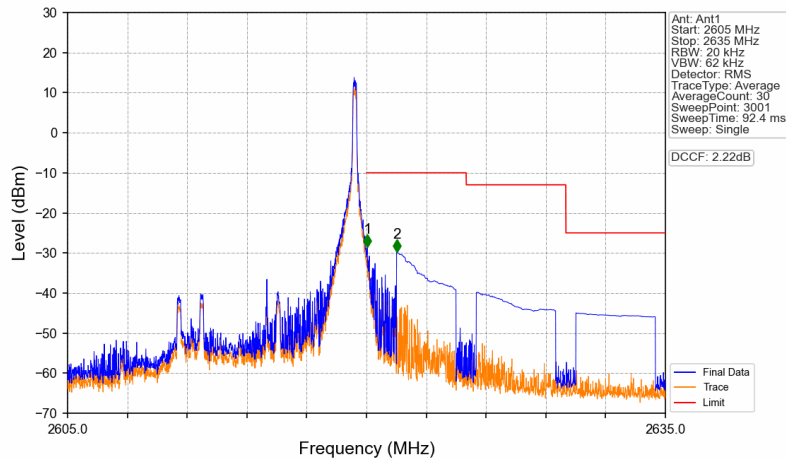
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Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	1	2620.040	-28.48	-10	Pass
2620	2621	1	CHP	2	2621.530	-29.72	-10	Pass



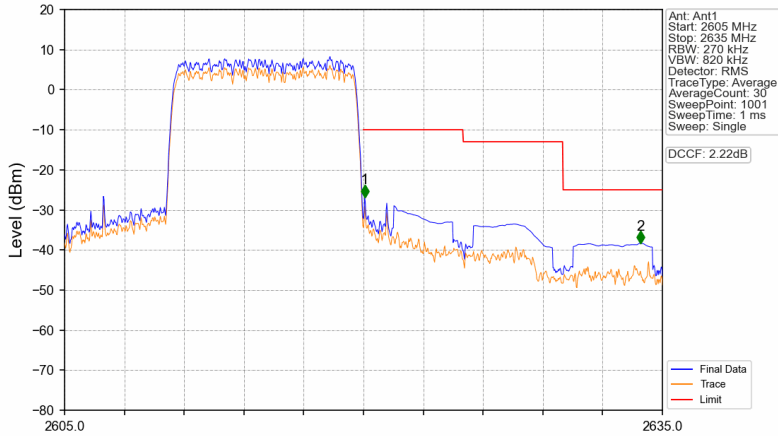
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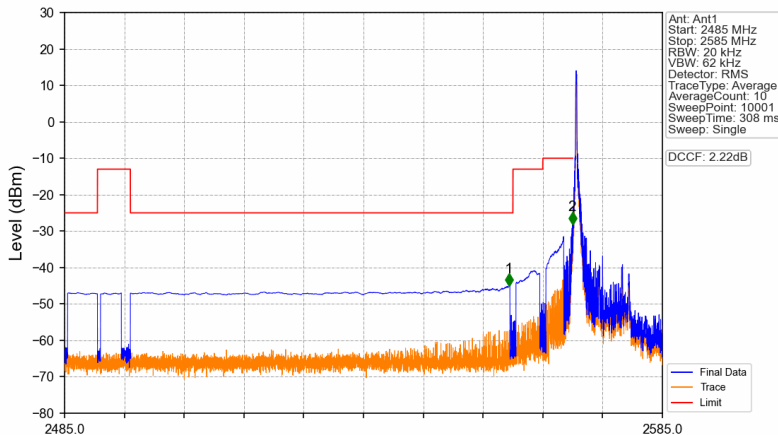
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Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.27	/	/	/	/	/	/
2620	2621	0.27	/	1	2620.060	-26.83	-10	Pass
2621	2635	1	CHP	2	2633.890	-38.35	-25	Pass

Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.340	-45.02	-25	Pass
2569	2570	0.02	/	2	2569.940	-28.13	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

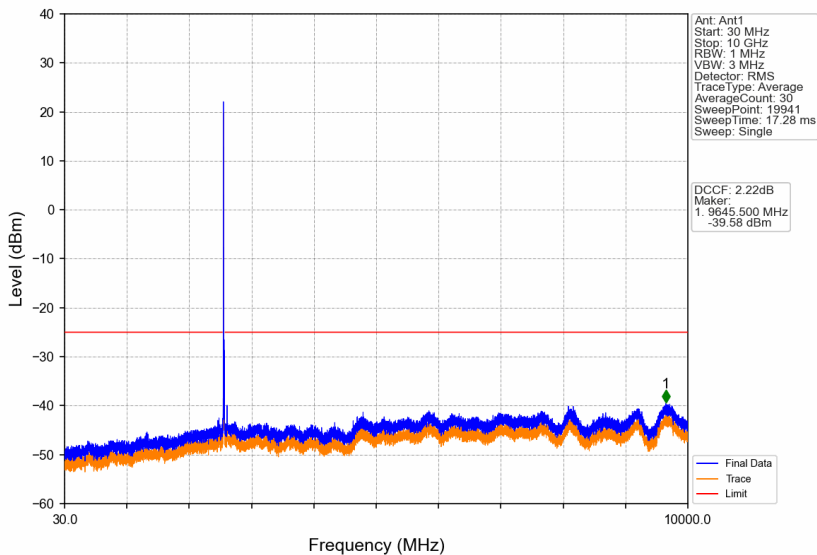


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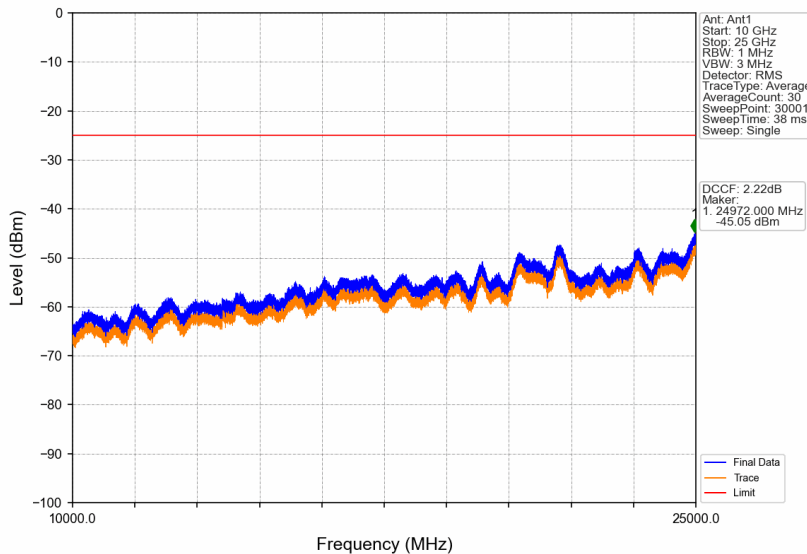
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Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



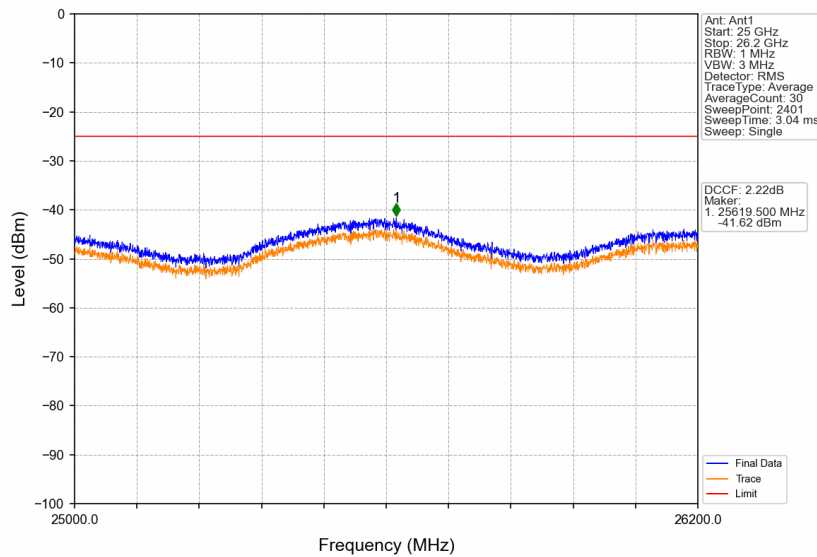
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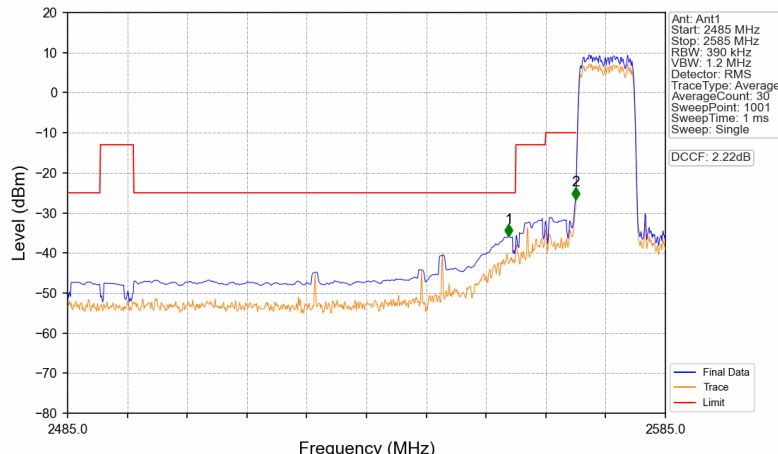
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Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2558.800	-35.88	-25	Pass
2569	2570	0.39	/	2	2570.000	-26.68	-10	Pass
2570	2585	0.39	/	/	/	/	/	/

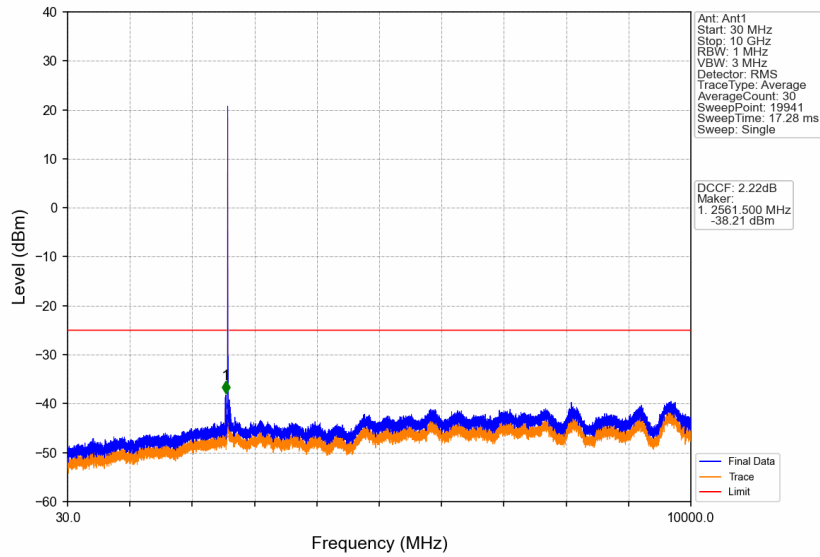


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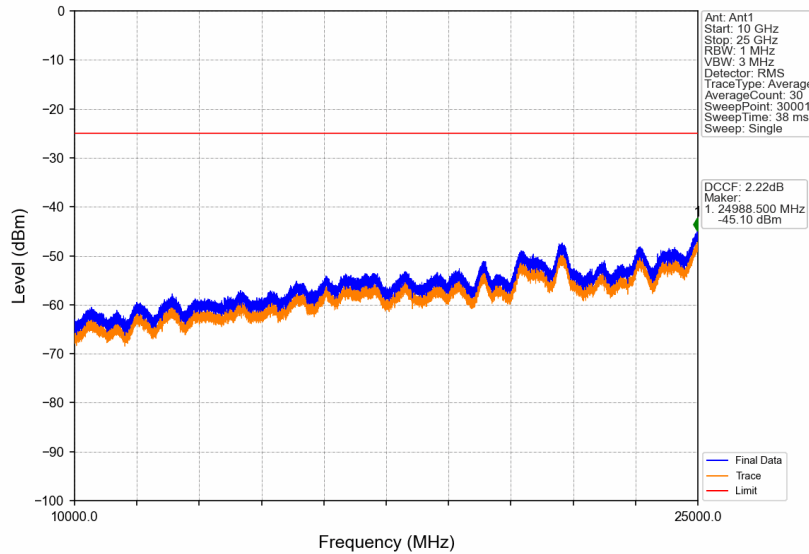
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Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV

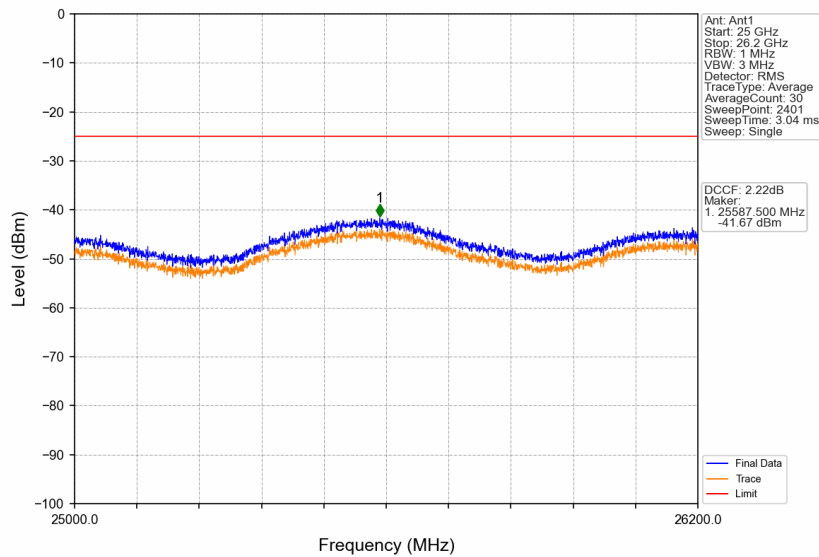


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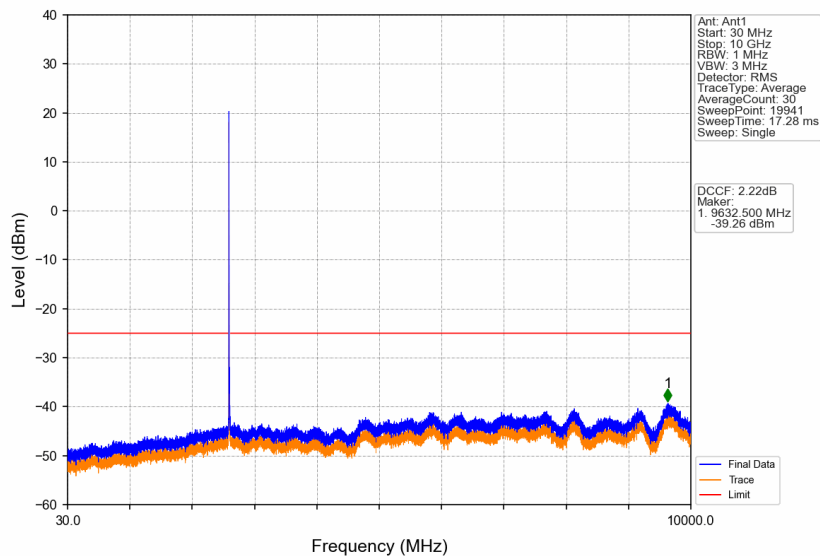
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Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



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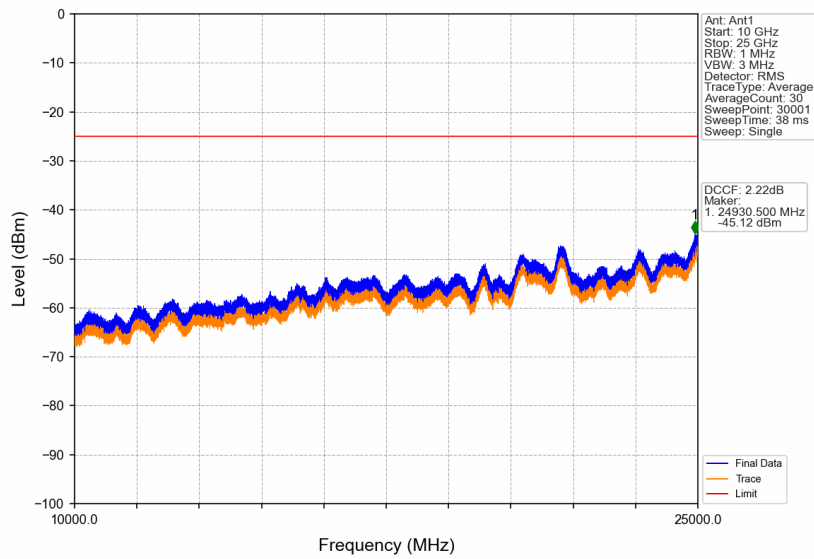


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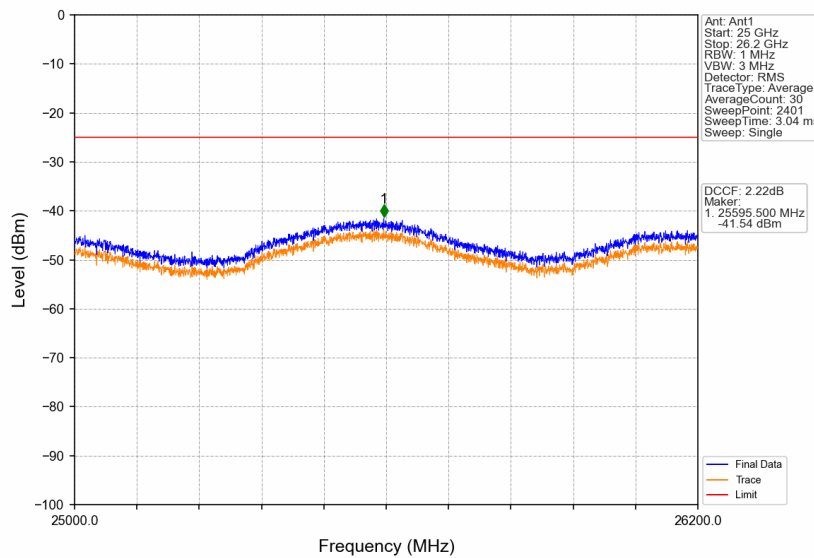
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Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



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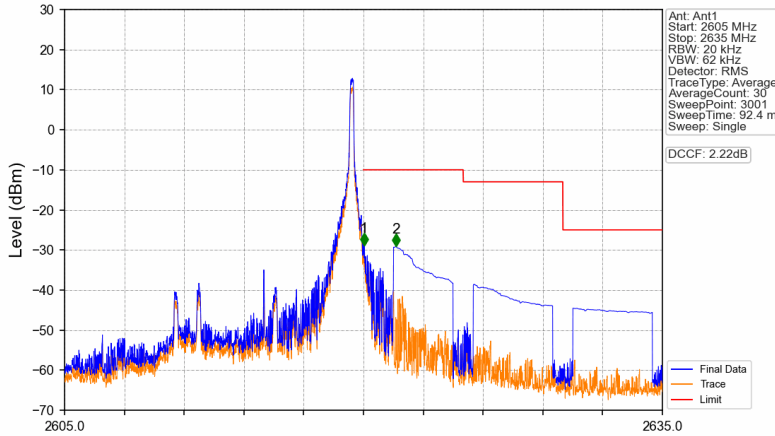
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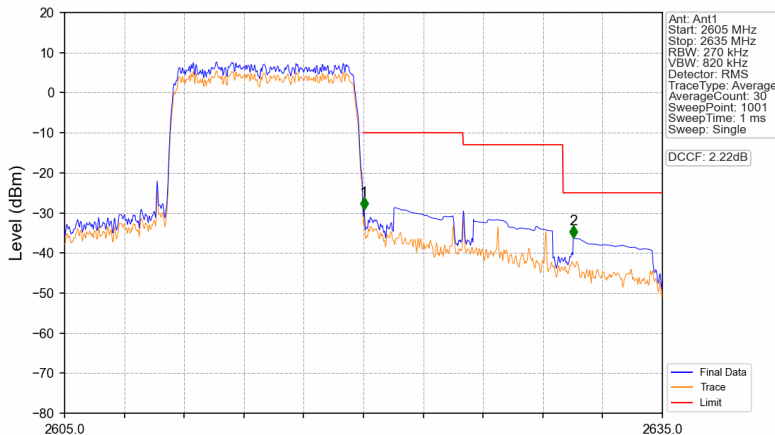
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Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.030	-28.93	-10	Pass
2621	2635	1	CHP	2	2621.630	-29.08	-10	Pass

Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.27	/	/	/	/	/	/
2620	2621	0.27	/	1	2620.030	-29.16	-10	Pass
2621	2635	1	CHP	2	2630.530	-36.27	-25	Pass

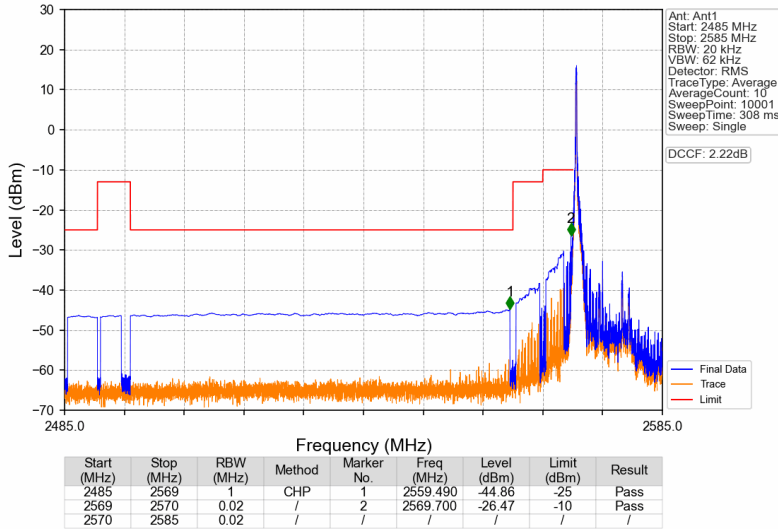


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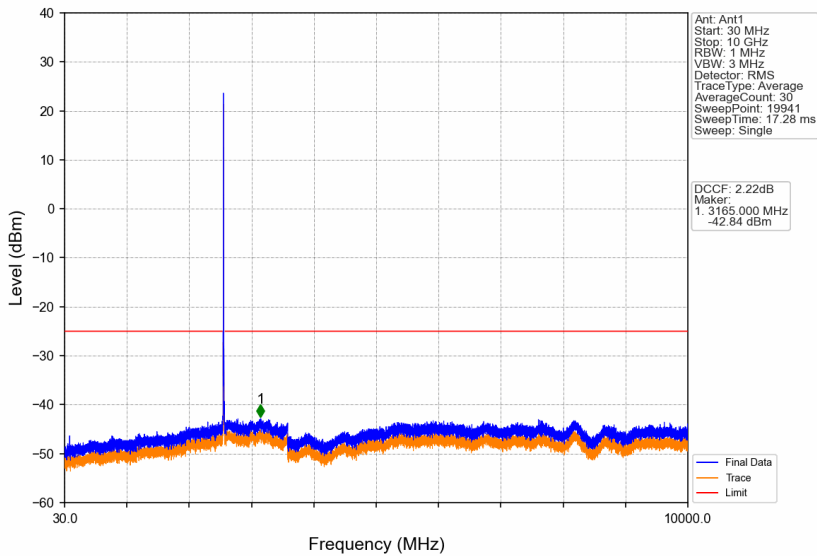
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Band38\_10MHz\_64QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



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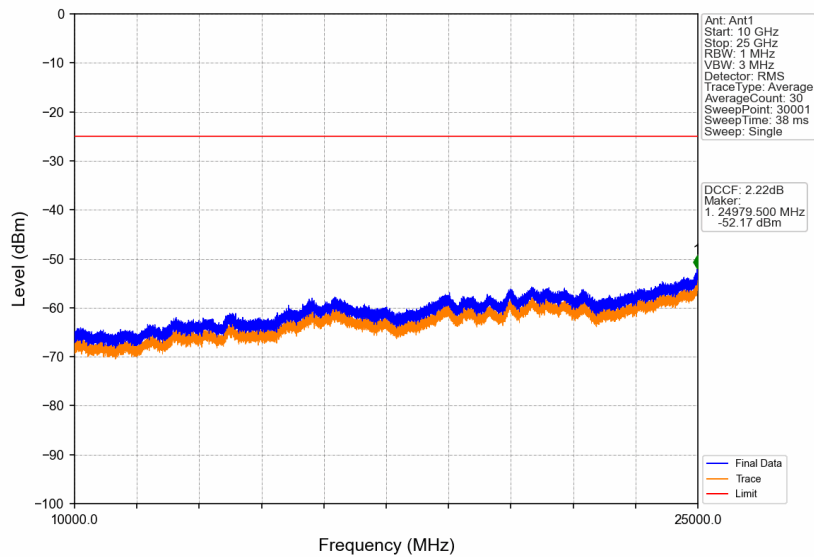


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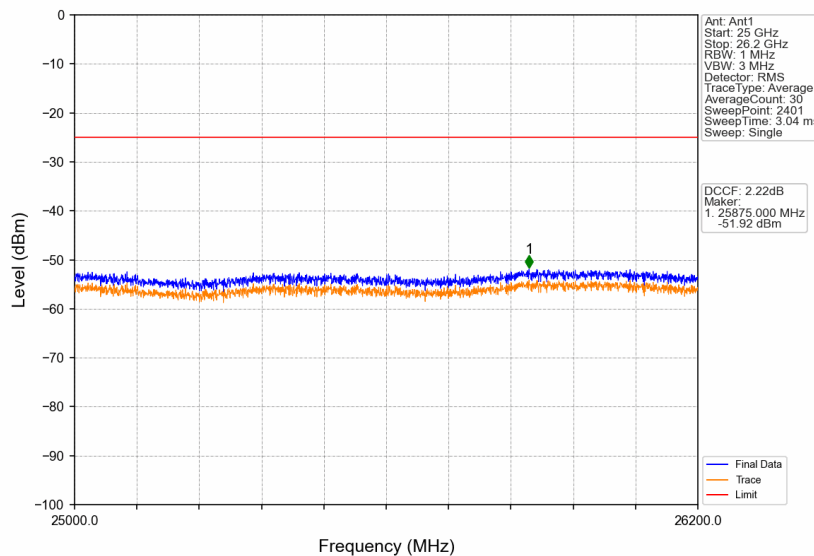
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Band38\_10MHz\_64QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



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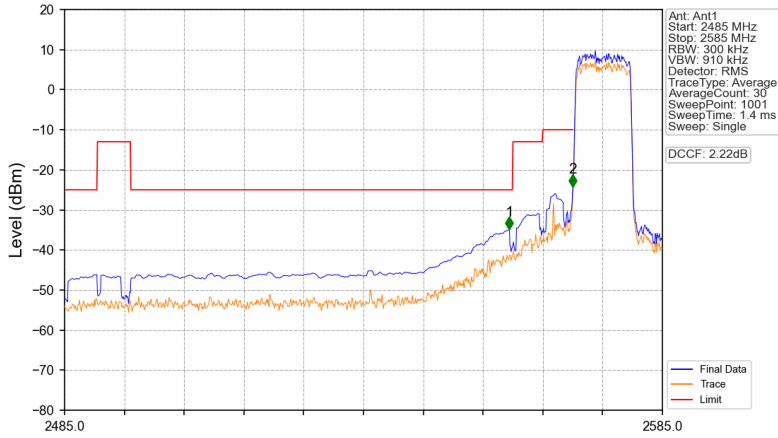
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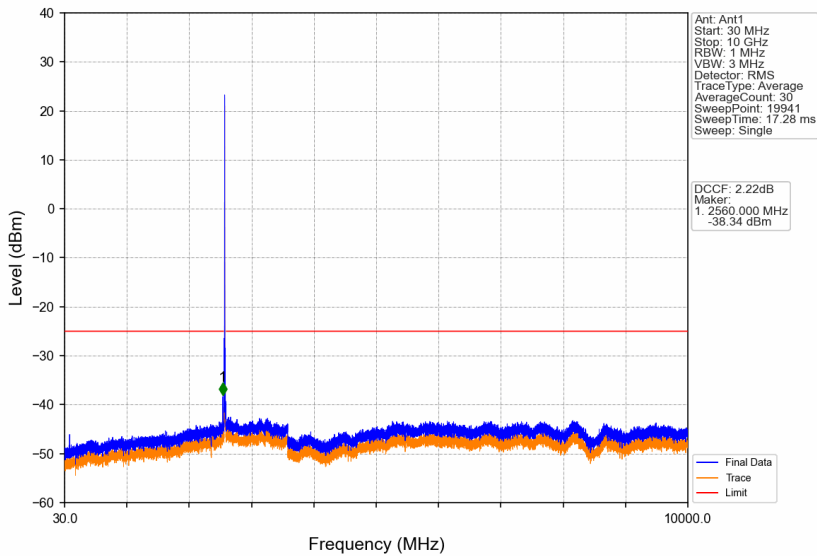
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Band38\_10MHz\_64QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.400	-34.90	-25	Pass
2569	2570	0.3	/	2	2570.000	-24.18	-10	Pass
2570	2585	0.3	/	/	/	/	/	/

Band38\_10MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



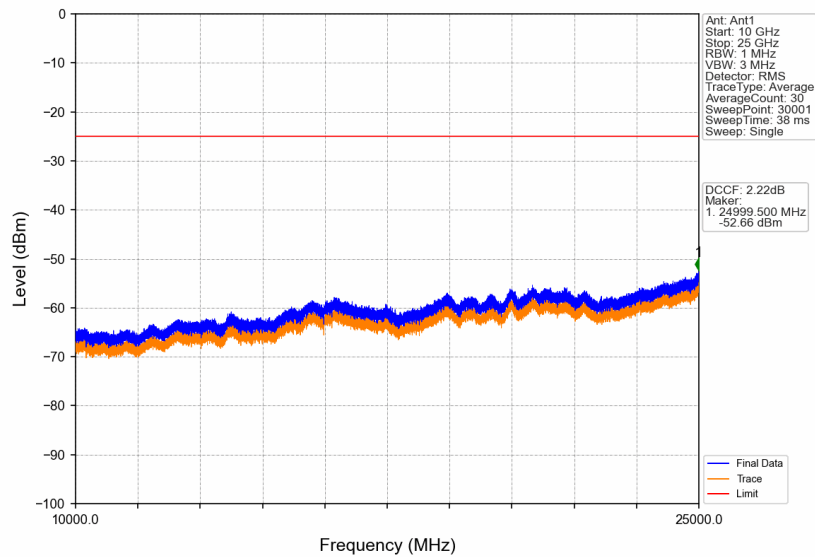
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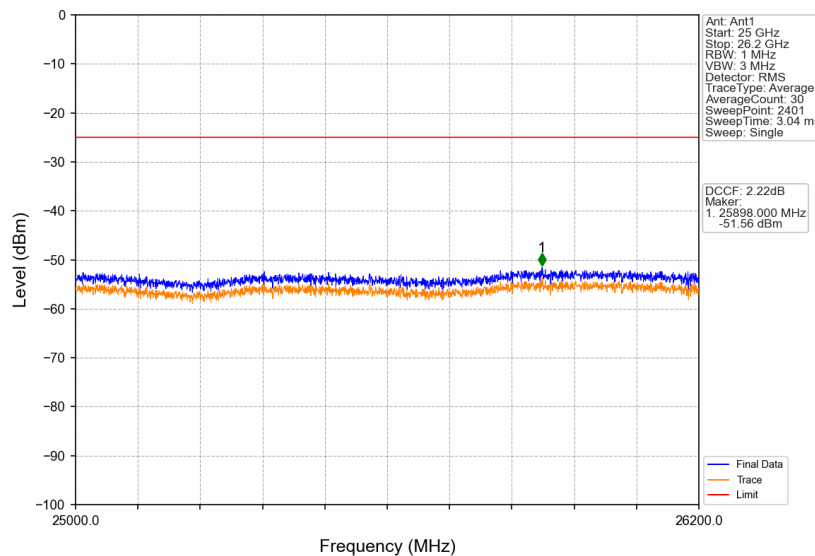
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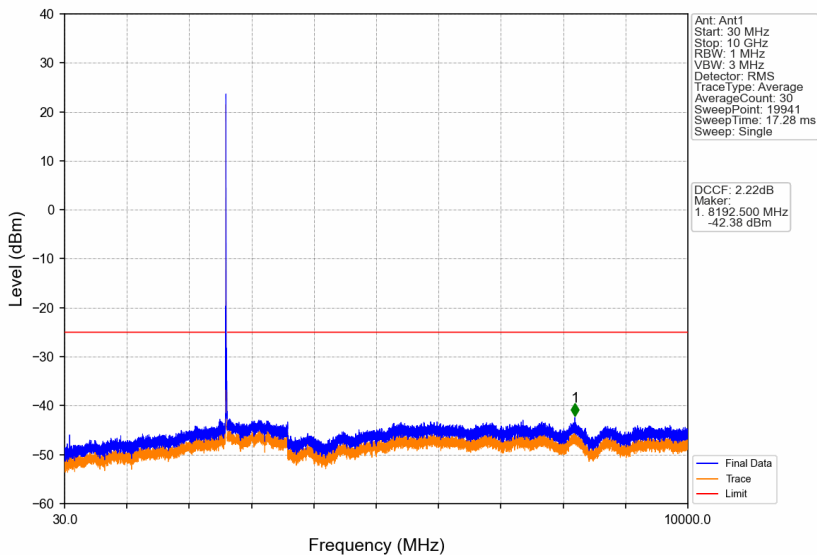


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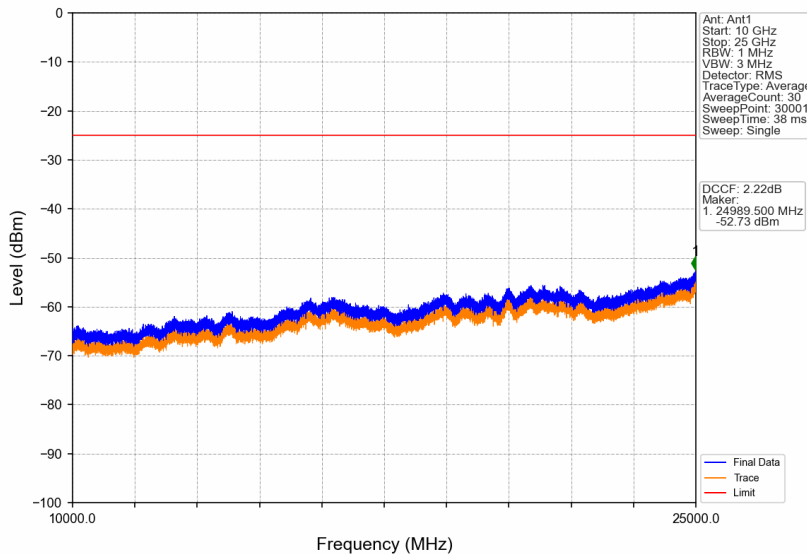
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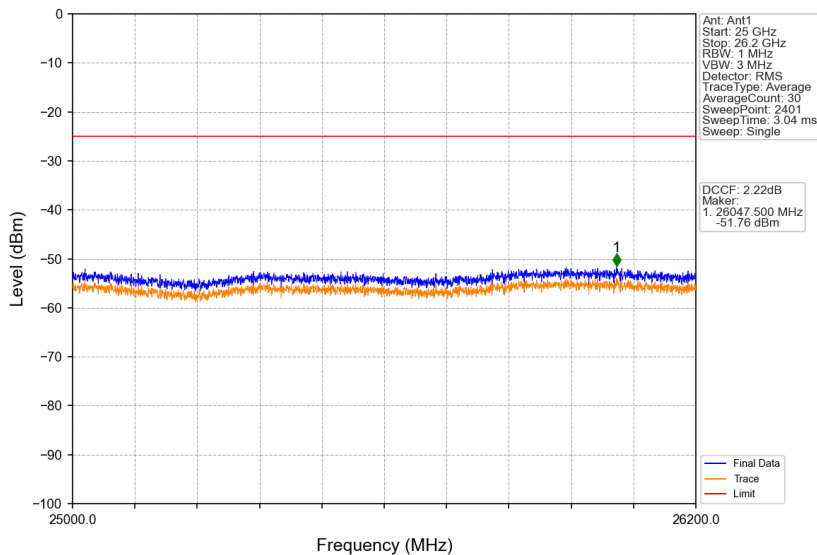


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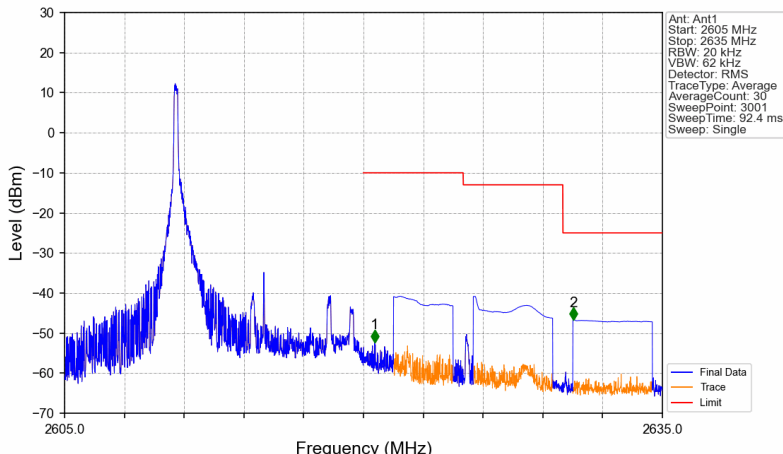
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Band38\_10MHz\_64QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_64QAM\_HCH\_2615MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	1	2620.560	-52.28	-10	Pass
2620	2621	0.02	/	1	2620.560	-52.28	-10	Pass
2621	2635	1	CHP	2	2630.540	-46.67	-25	Pass

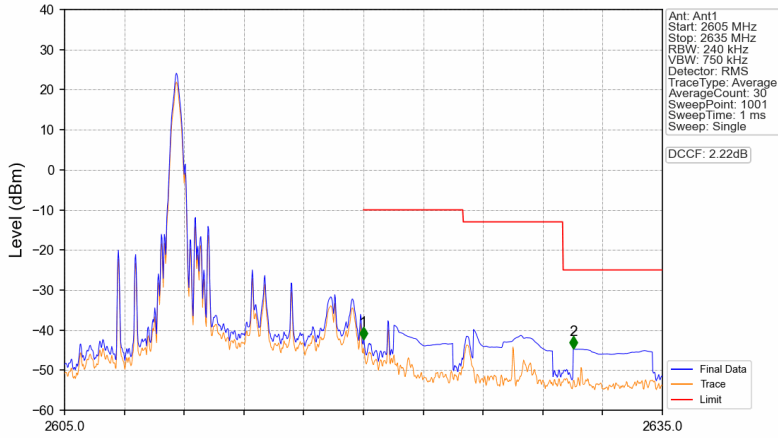


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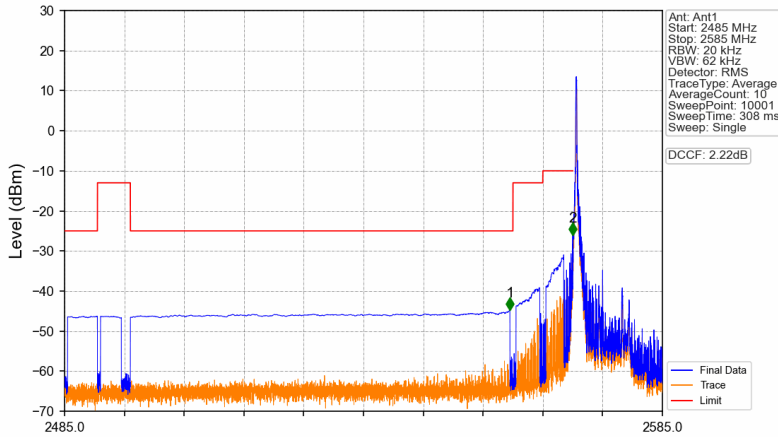
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Band38\_10MHz\_64QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.24	/	/	/	/	/	/
2620	2621	0.24	/	1	2620.000	-42.35	-10	Pass
2621	2635	1	CHP	2	2630.530	-44.71	-25	Pass

Band38\_10MHz\_256QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.490	-44.83	-25	Pass
2569	2570	0.02	/	2	2570.000	-26.04	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

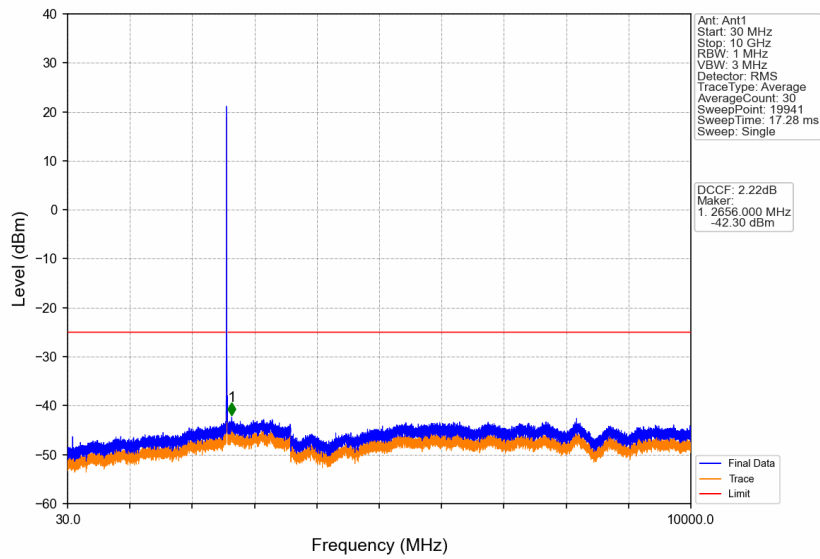


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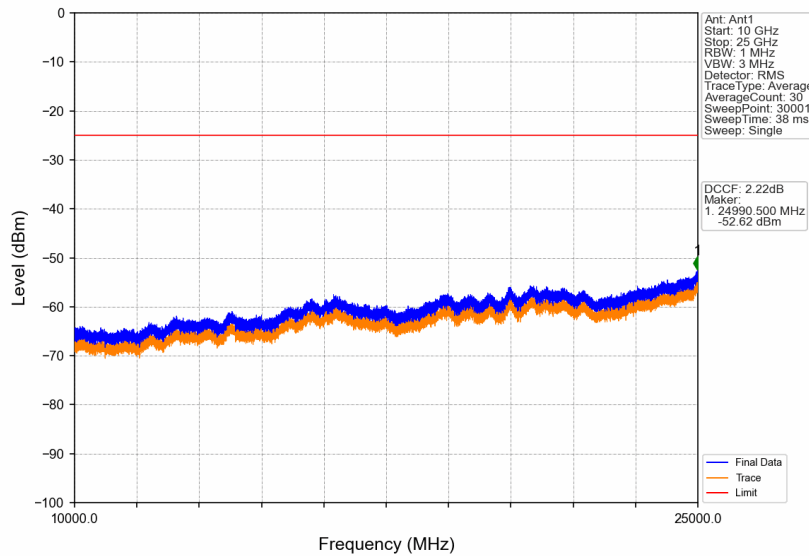
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Band38\_10MHz\_256QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_256QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



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