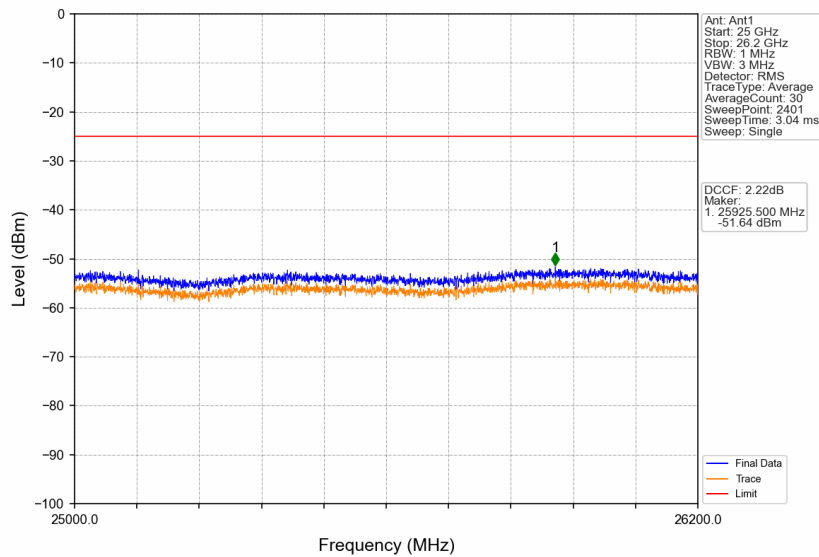
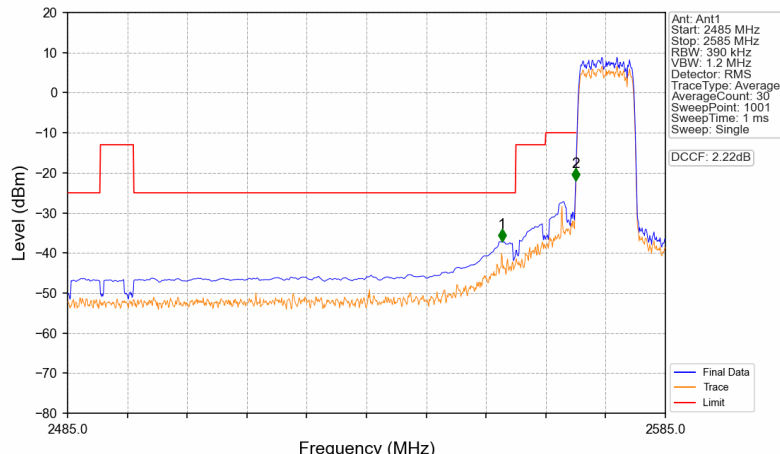


Band38_10MHz_256QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_256QAM_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	2557.700	-37.21	-25	Pass
2569	2570	0.39	/	2	2570.000	-21.95	-10	Pass
2570	2585	0.39	/	/	/	/	/	/

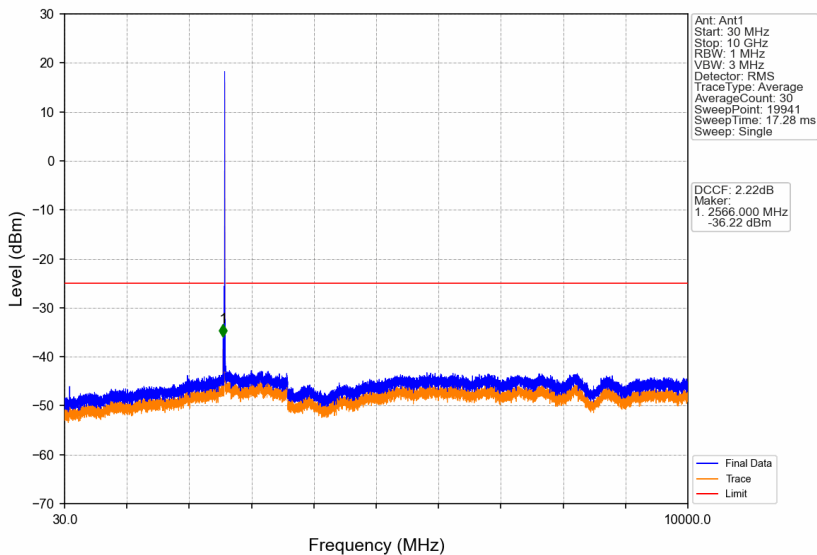


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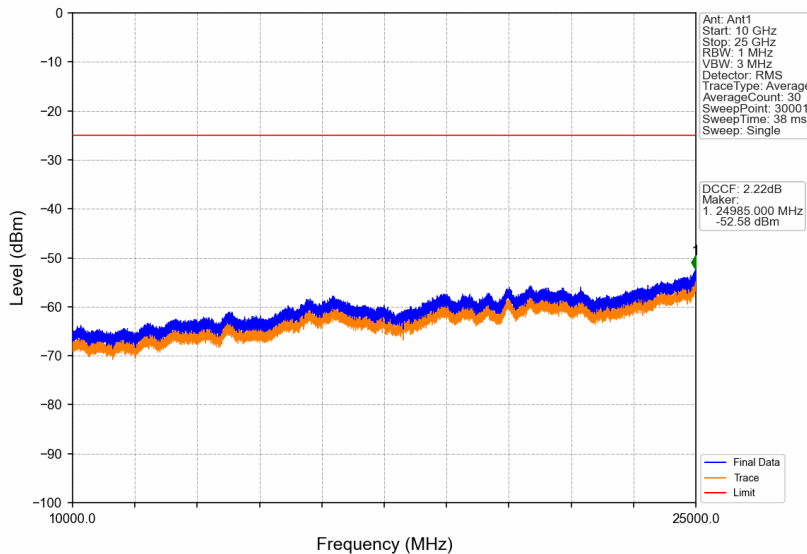
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Band38_10MHz_256QAM_MCH_2595MHz_RB_1_0_NTNV



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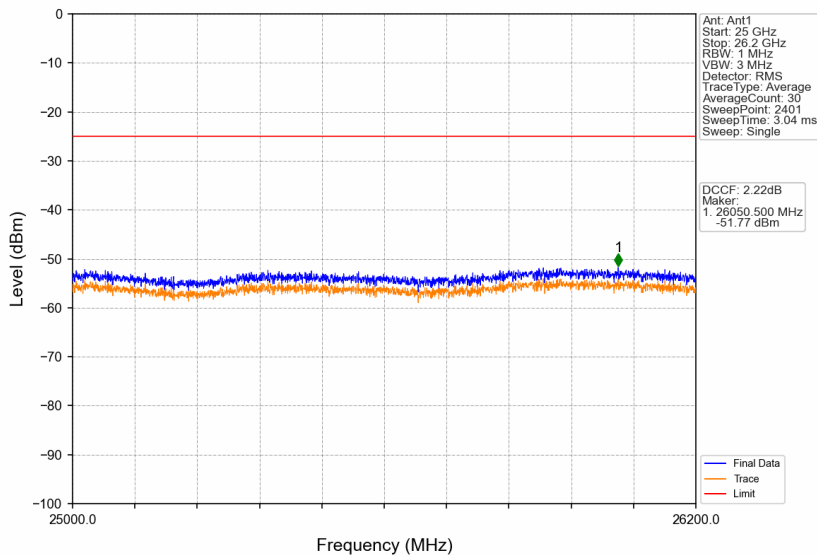


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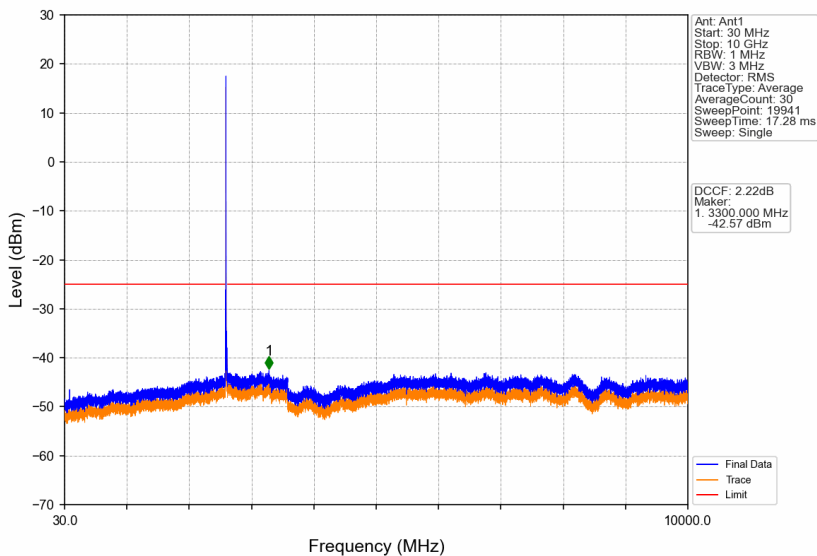
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Band38_10MHz_256QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_10MHz_256QAM_HCH_2615MHz_RB_1_0_NTNV

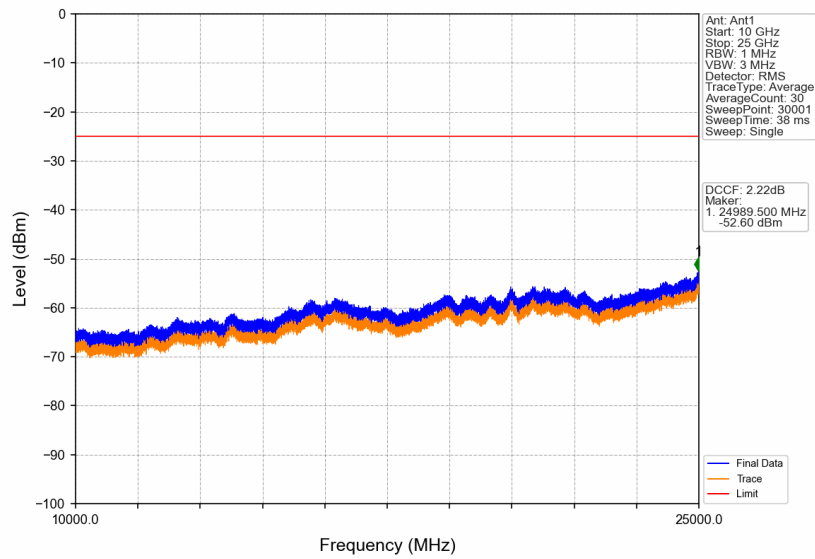


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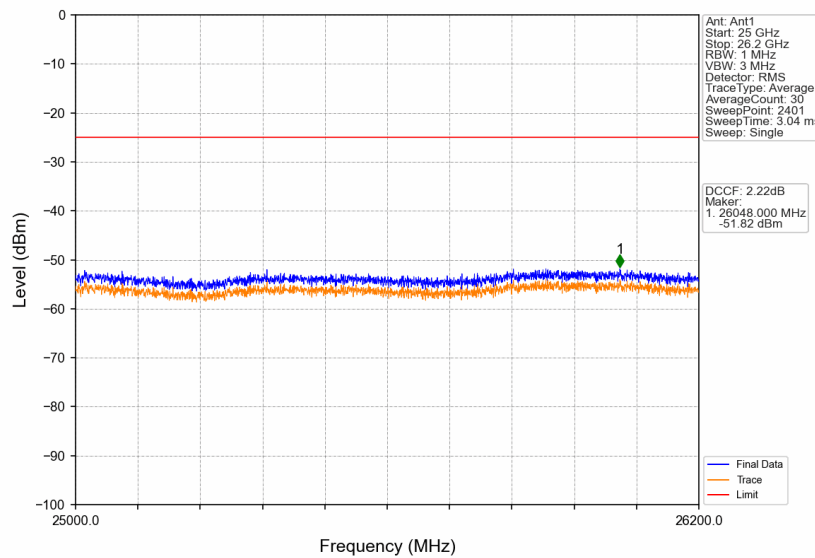
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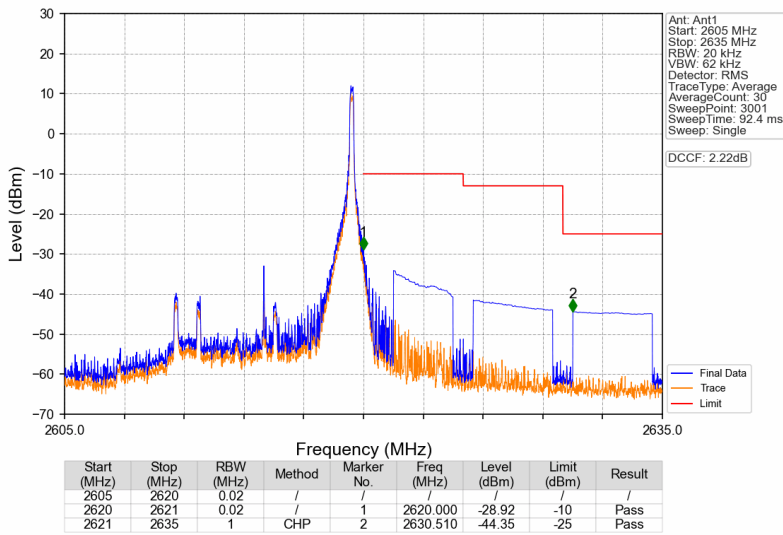
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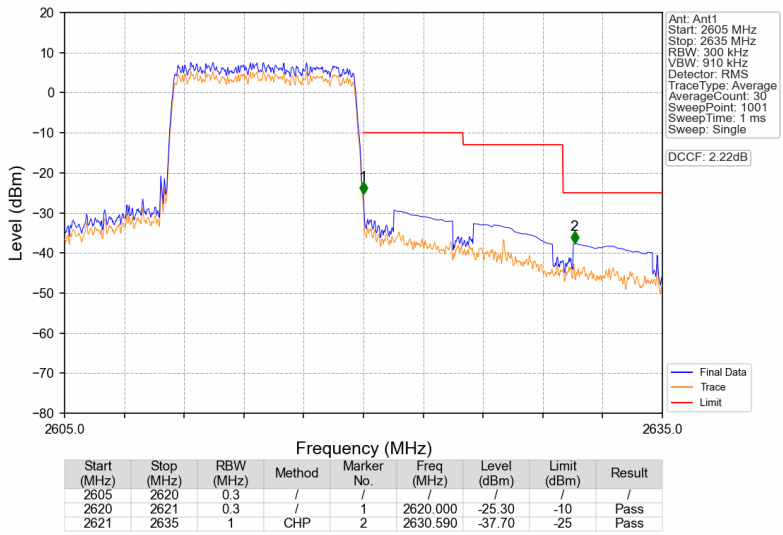
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Report No.: SEWM2311000456RG01
 Rev.: 01
 Page: 156 of 212

5.3 B38_15MHz

5.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2577.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	2612.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	16QAM	2577.5	1	0	Refer To Test Graph		Pass
			75	0	Refer To Test Graph		Pass
2612.5		1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
64QAM	2577.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	2612.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	256QAM	2577.5	1	0	Refer To Test Graph		Pass
			75	0	Refer To Test Graph		Pass
2612.5		1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	

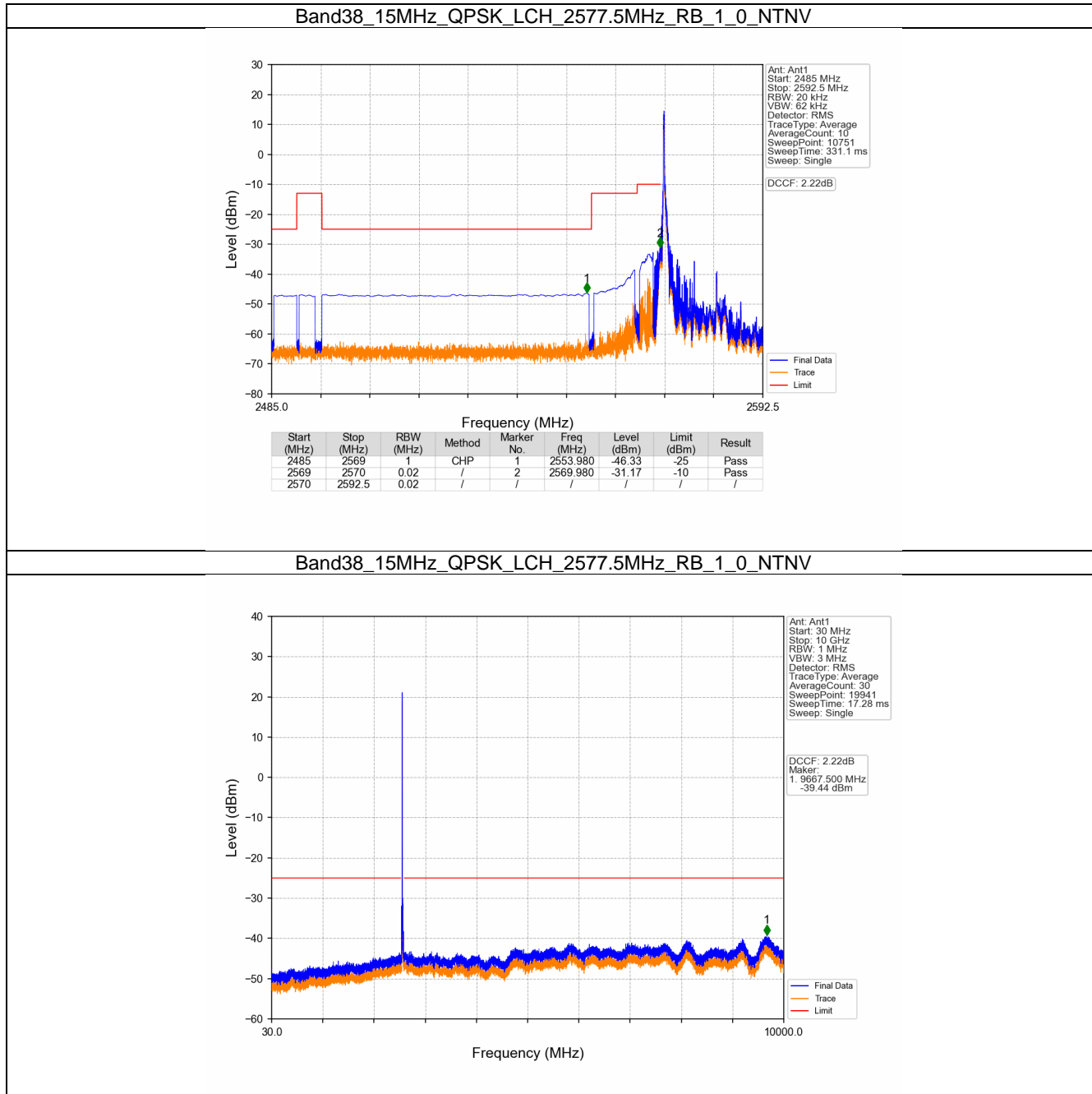


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5.3.2 Test Graph

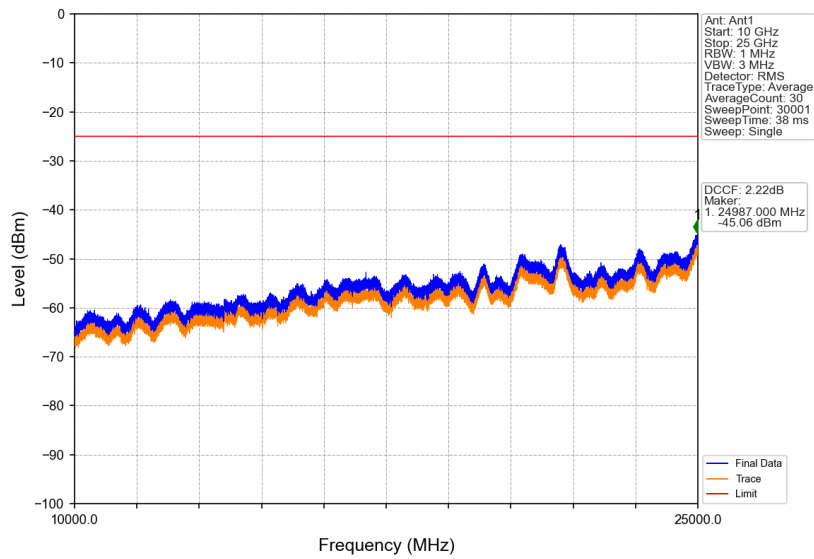


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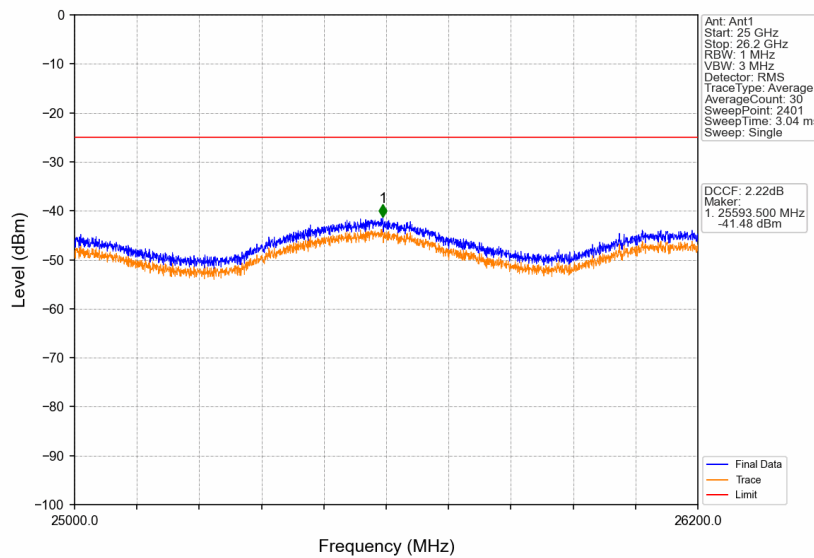
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Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



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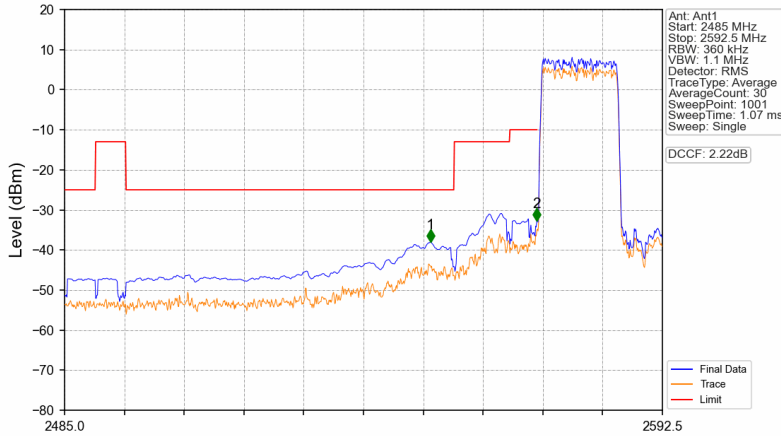


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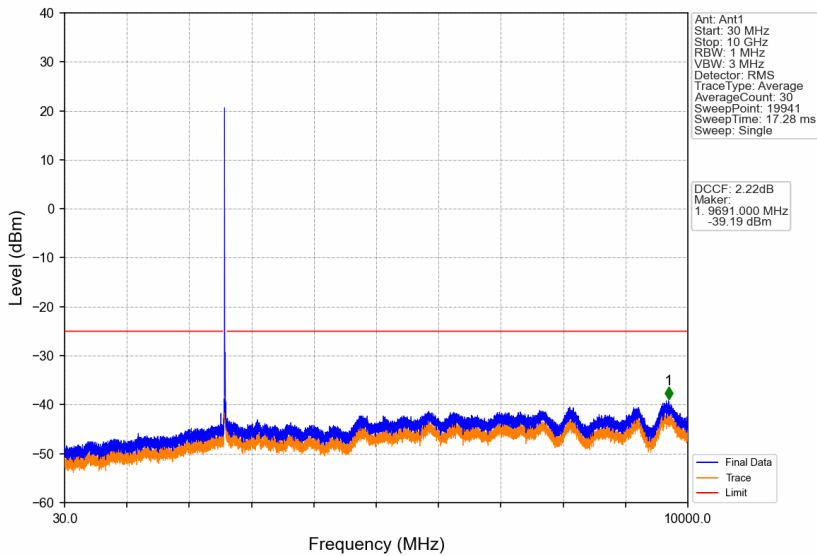
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2550.790	-38.05	-25	Pass
2569	2570	0.36	/	2	2569.925	-32.78	-10	Pass
2570	2592.5	0.36	/	/	/	/	/	/

Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV

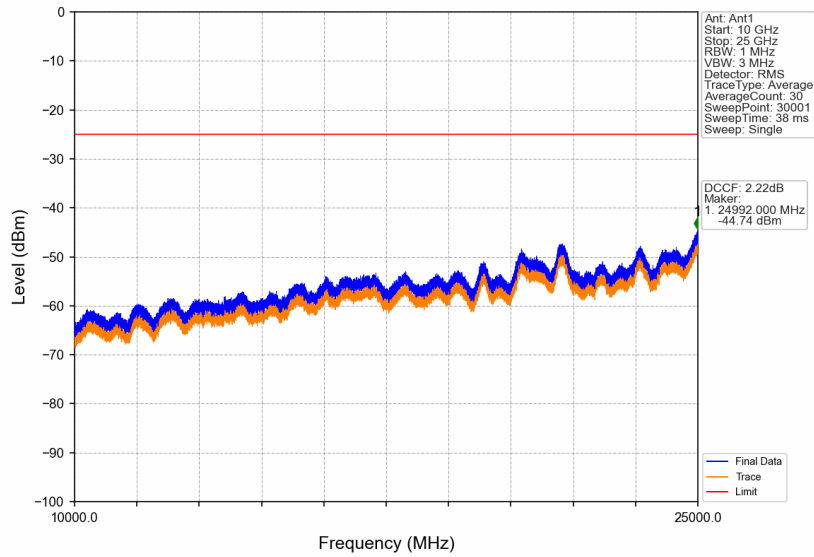


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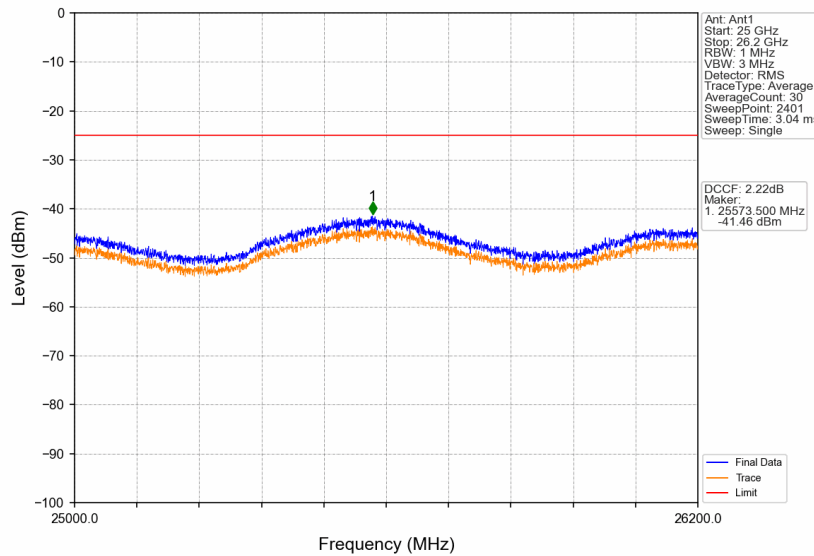
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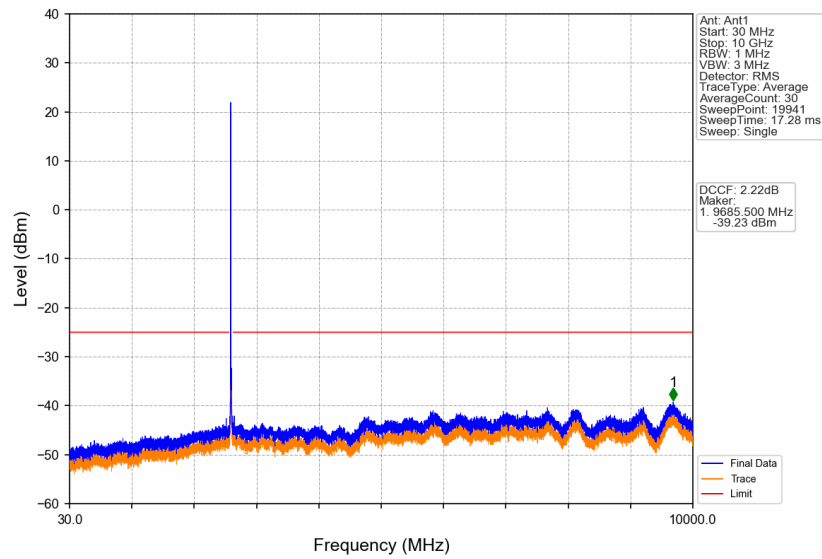


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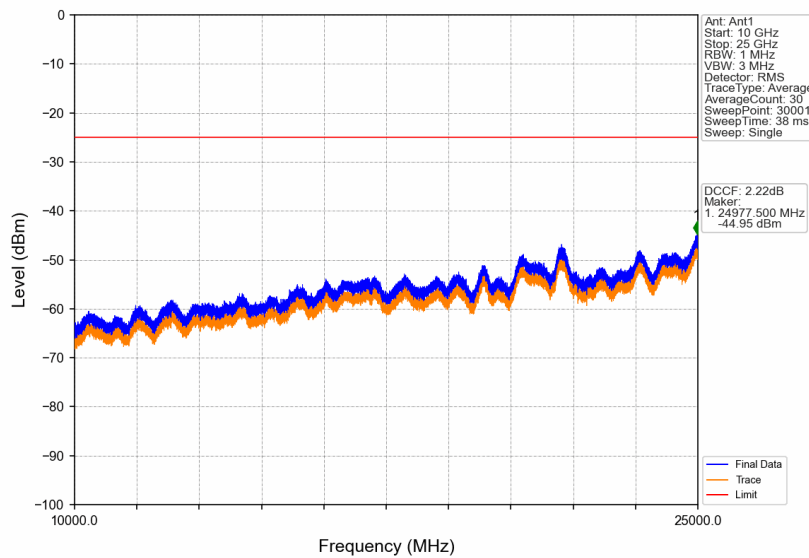
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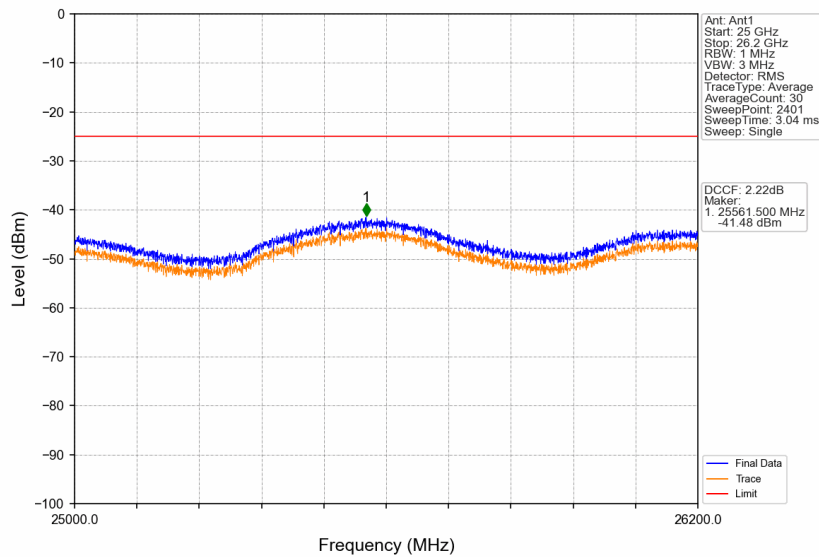
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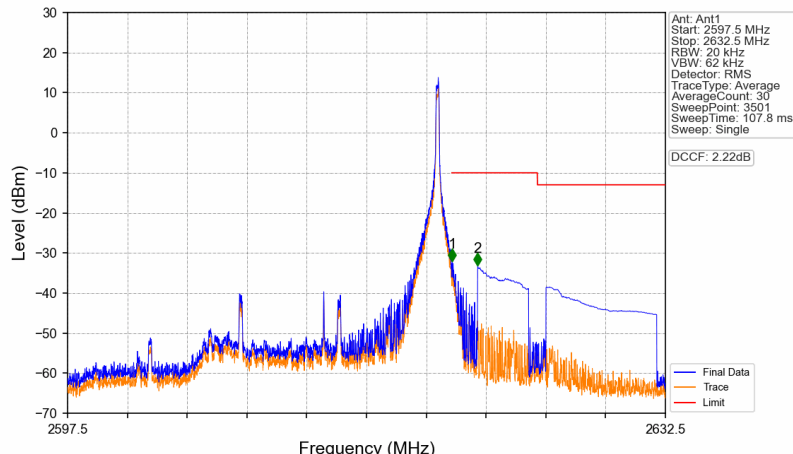
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Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	1	2620.020	-32.12	-10	/
2620	2621	0.02	/	1	2620.020	-32.12	-10	Pass
2621	2632.5	1	CHP	2	2621.510	-33.15	-10	Pass

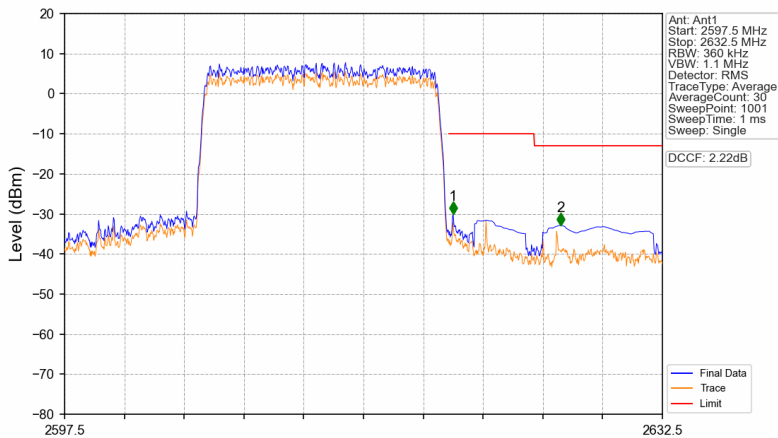


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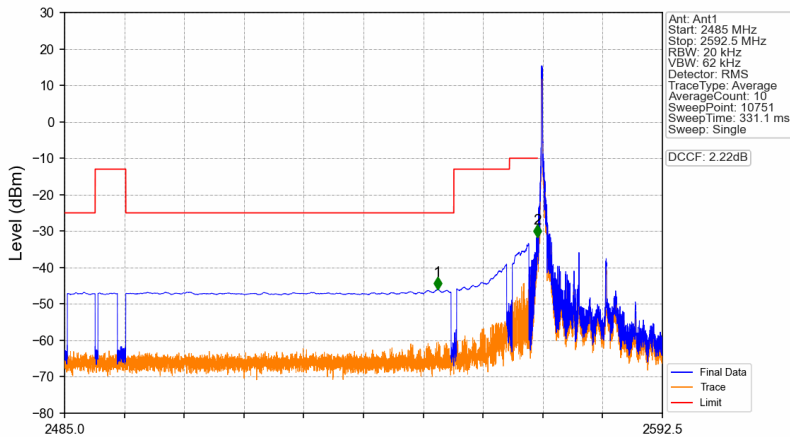
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Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.36	/	/	/	/	/	/
2620	2621	0.36	/	1	2620.250	-29.99	-10	Pass
2621	2632.5	1	CHP	2	2626.550	-32.84	-13	Pass

Band38_15MHz_16QAM_LCH_2577.5MHz_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	2552.030	-46.05	-25	Pass
2569	2570	0.02	/	2	2569.990	-31.75	-10	Pass
2570	2592.5	0.02	/	/	/	/	/	/

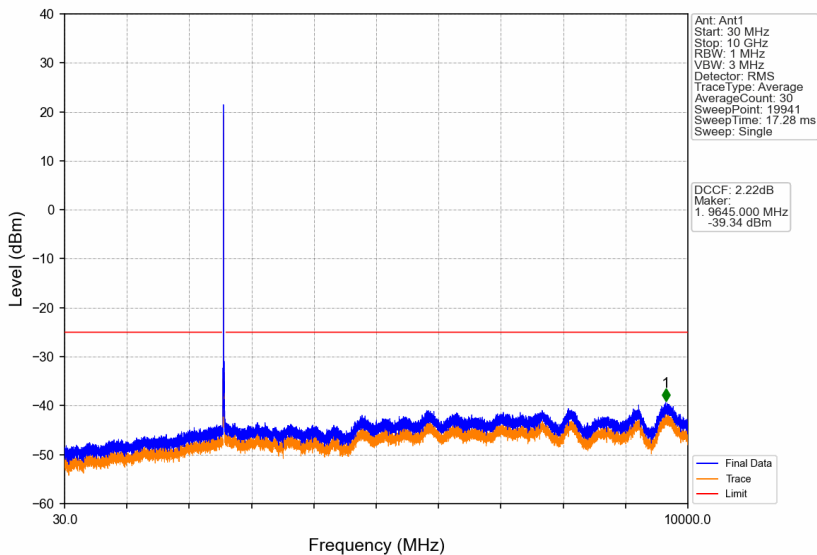


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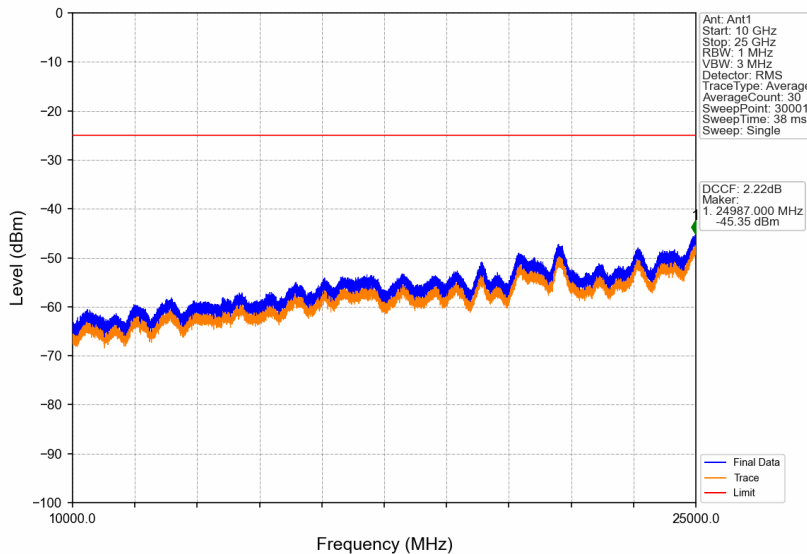
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Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



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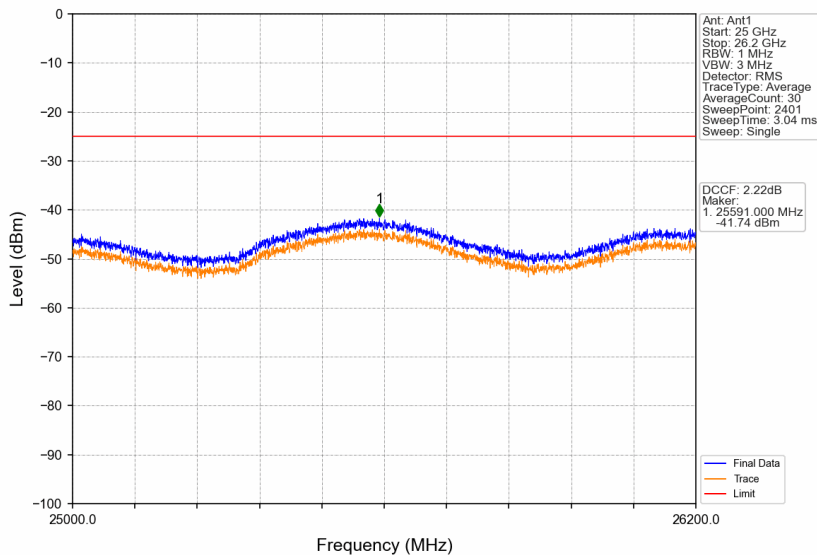
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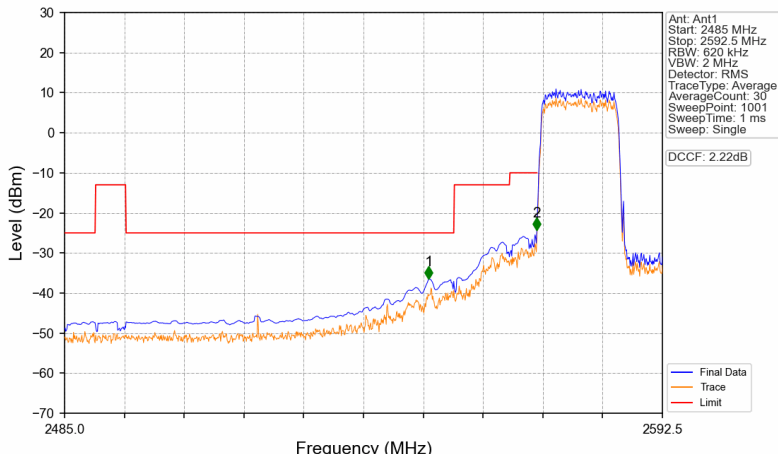
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Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2550.468	-36.54	-25	Pass
2569	2570	0.62	/	2	2569.925	-24.31	-10	Pass
2570	2592.5	0.62	/	/	/	/	/	/

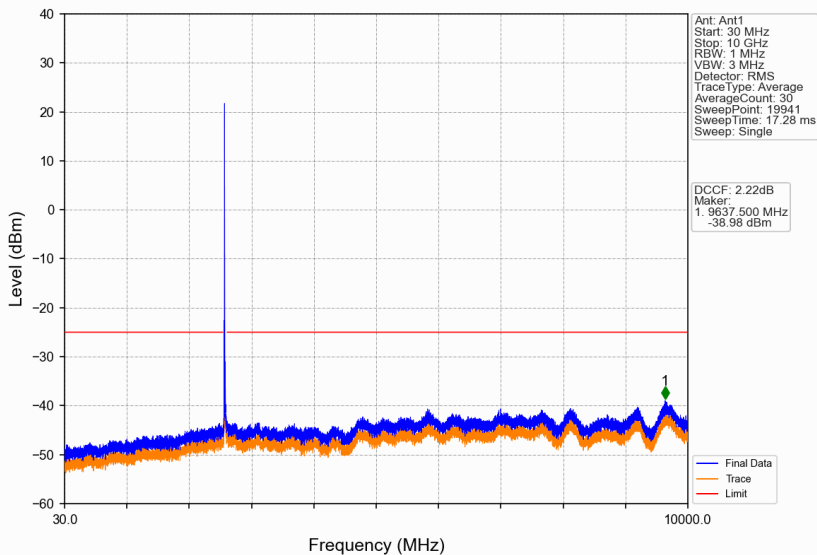


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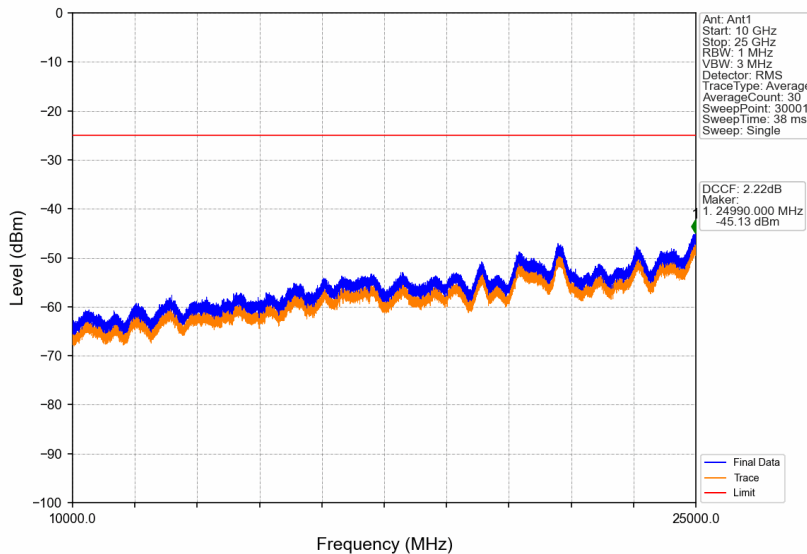
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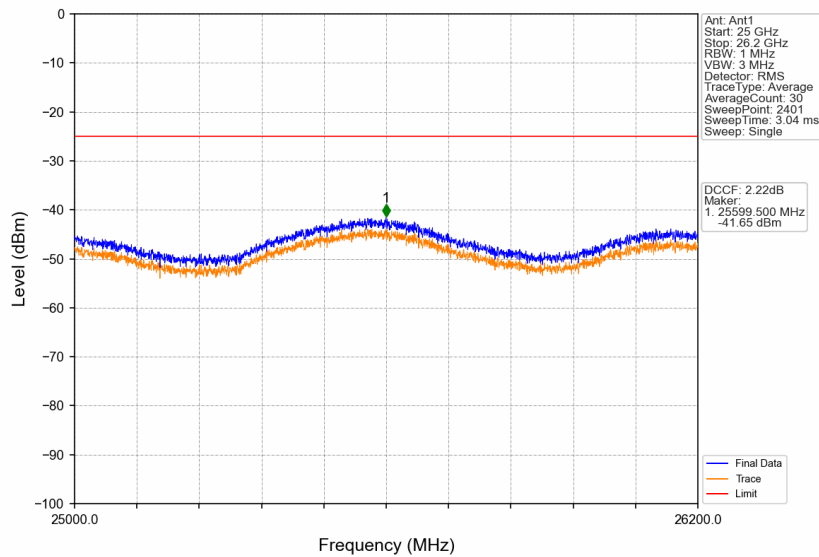


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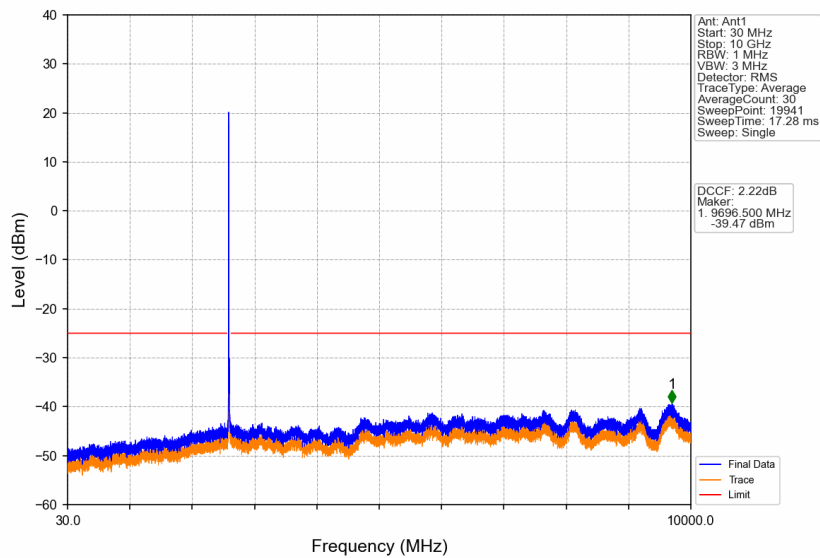
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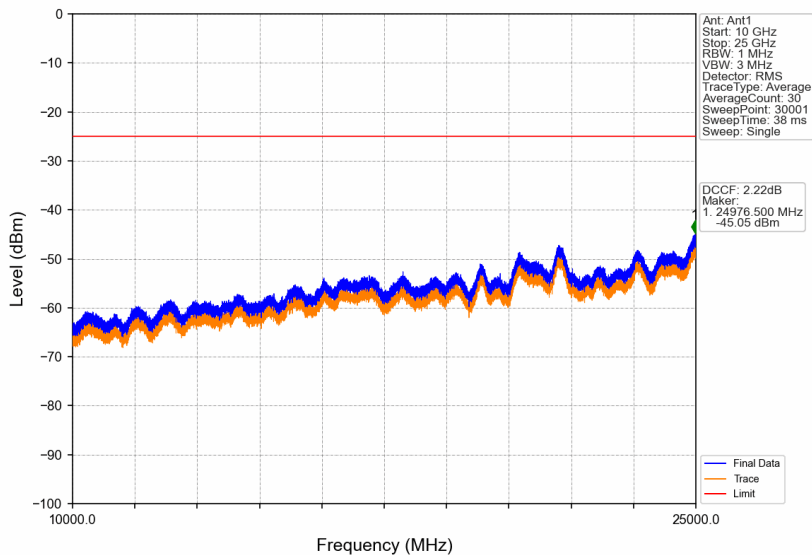


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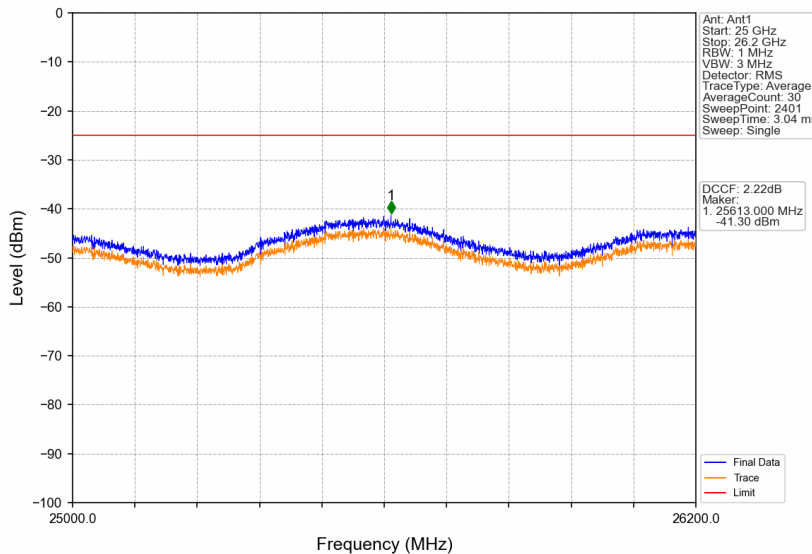
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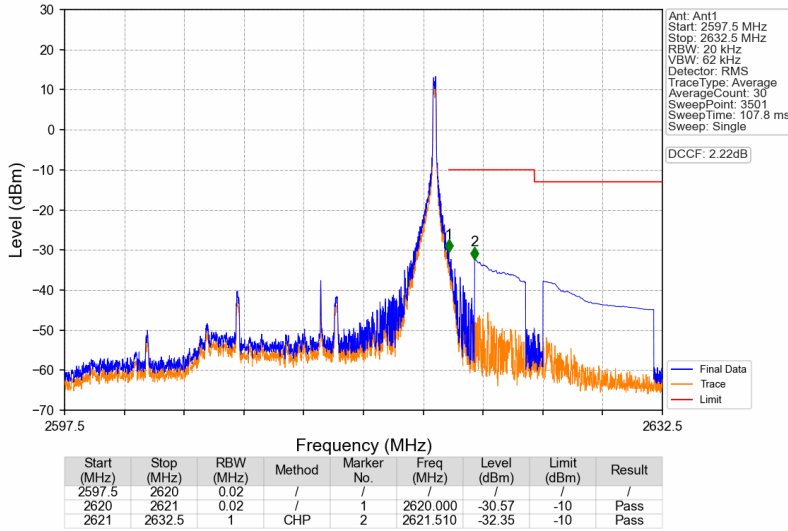


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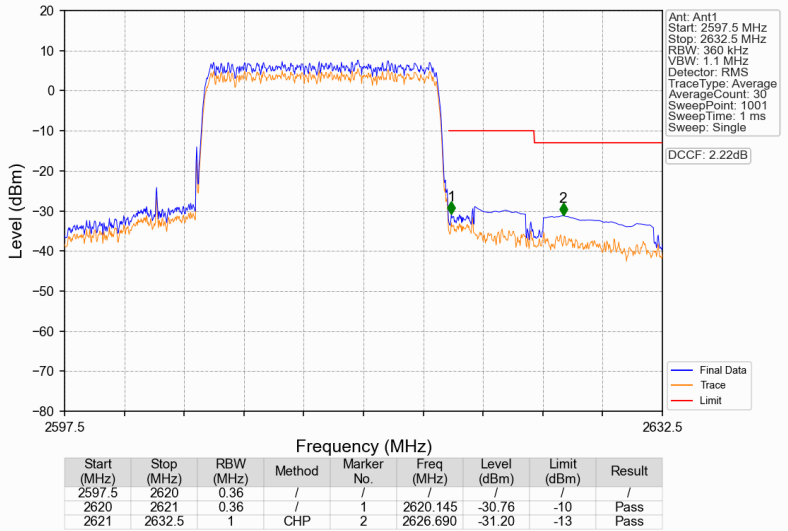
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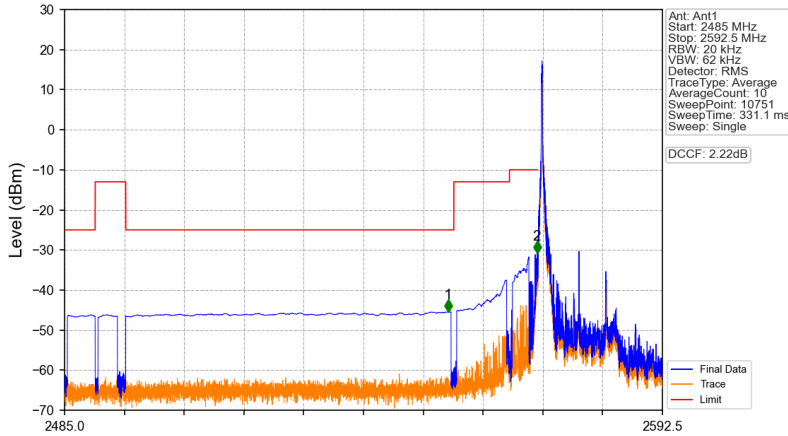


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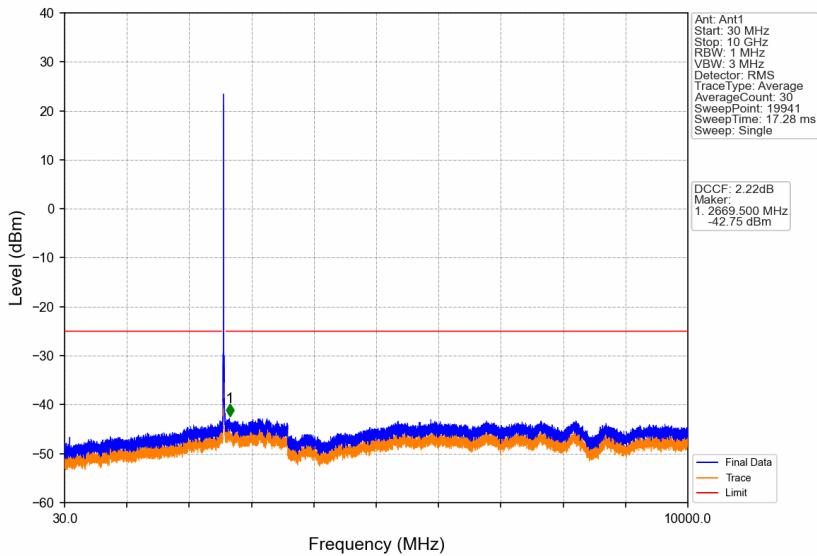
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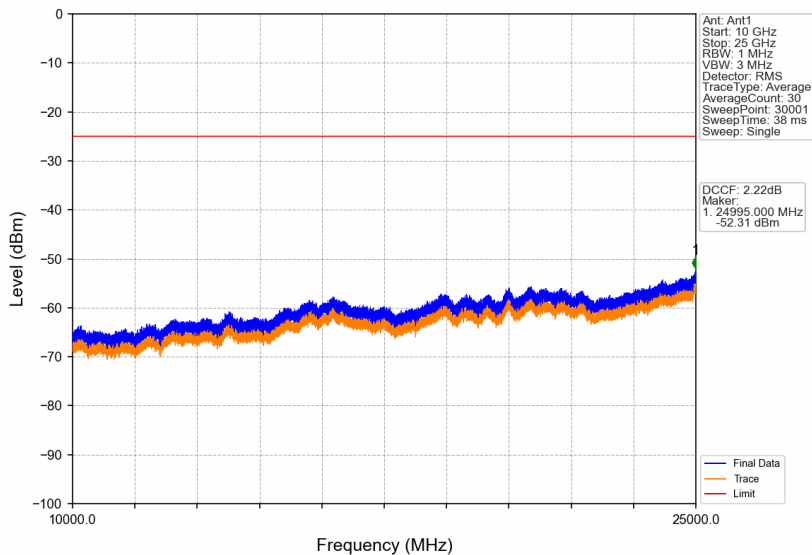


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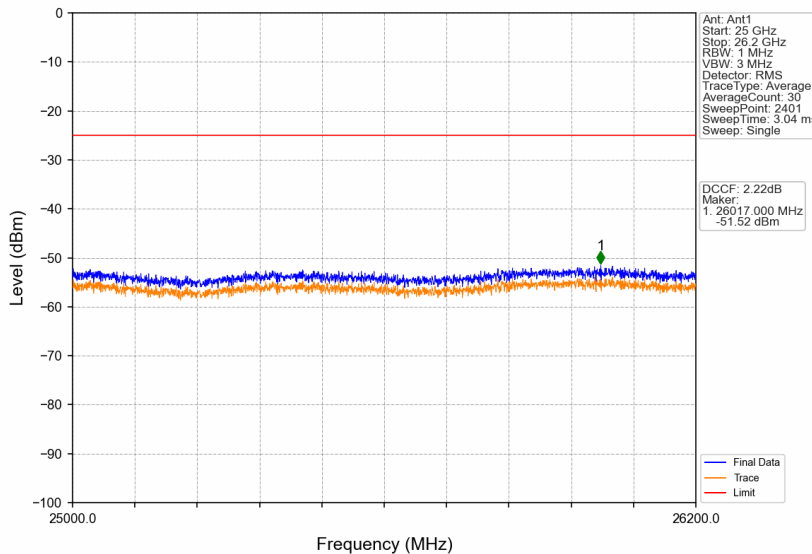
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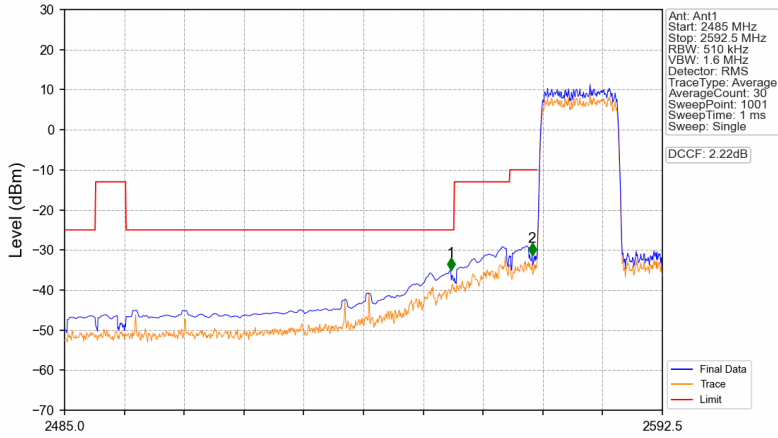


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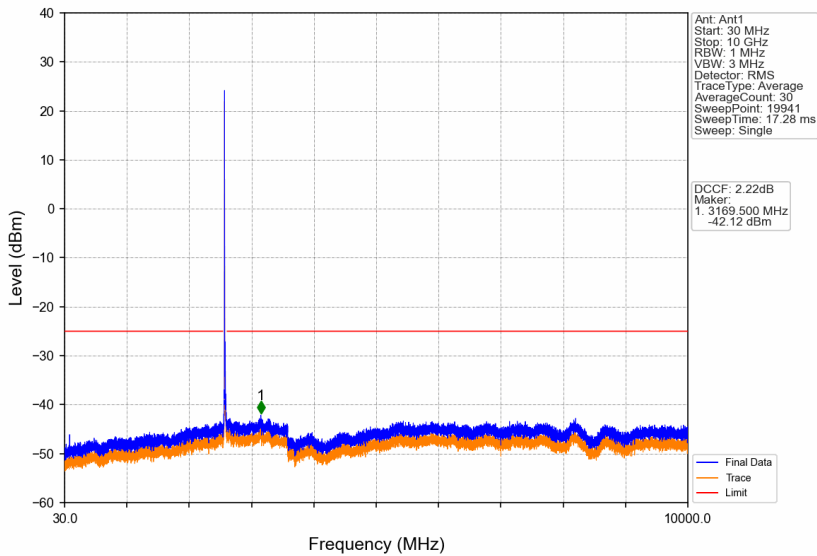
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Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2554.445	-35.11	-25	Pass
2569	2570	0.51	/	2	2569.065	-31.41	-10	Pass
2570	2592.5	0.51	/	/	/	/	/	/

Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV

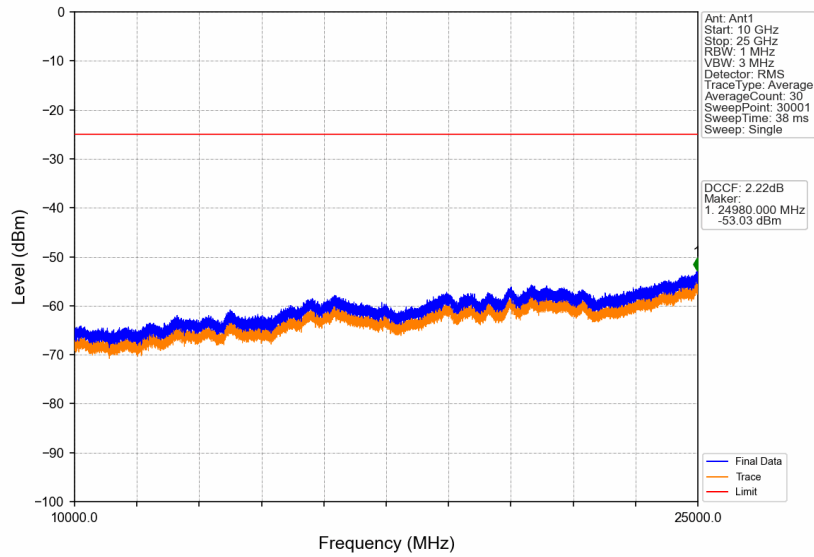


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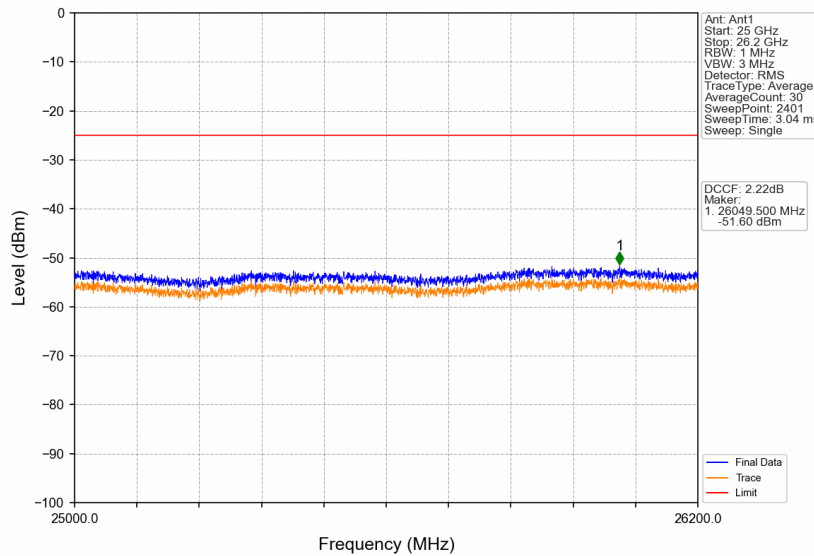
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Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV

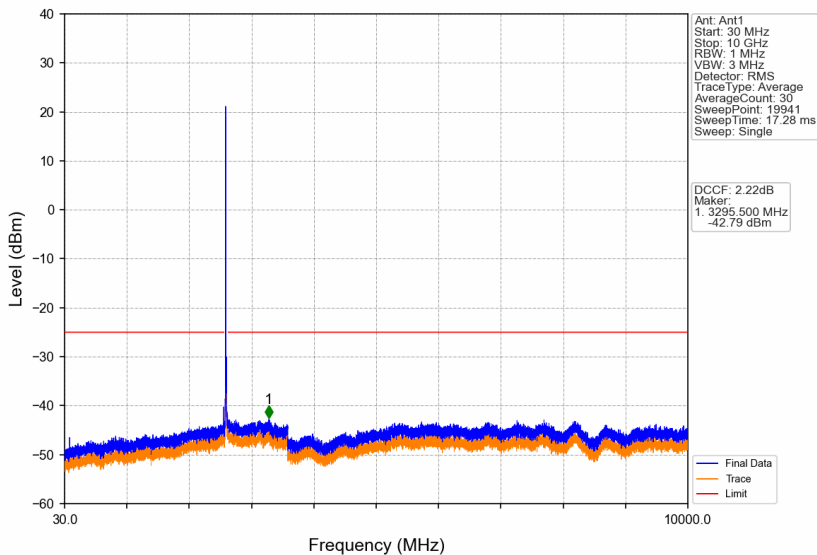


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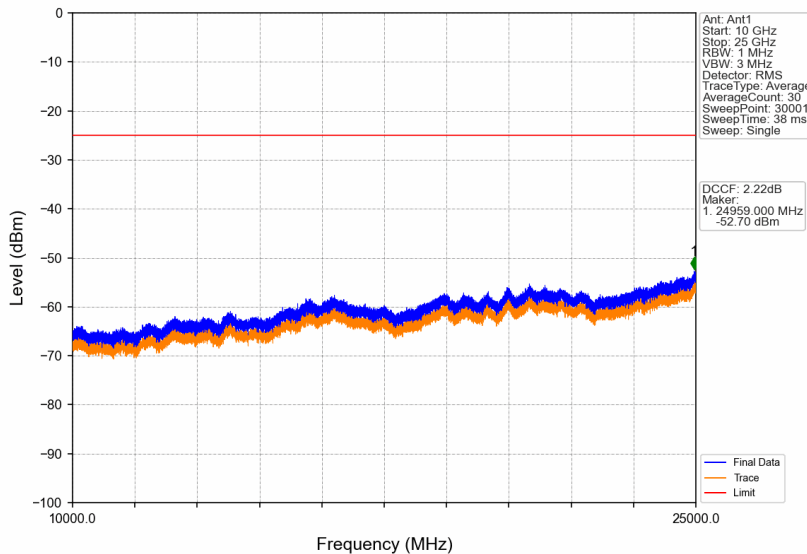
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Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



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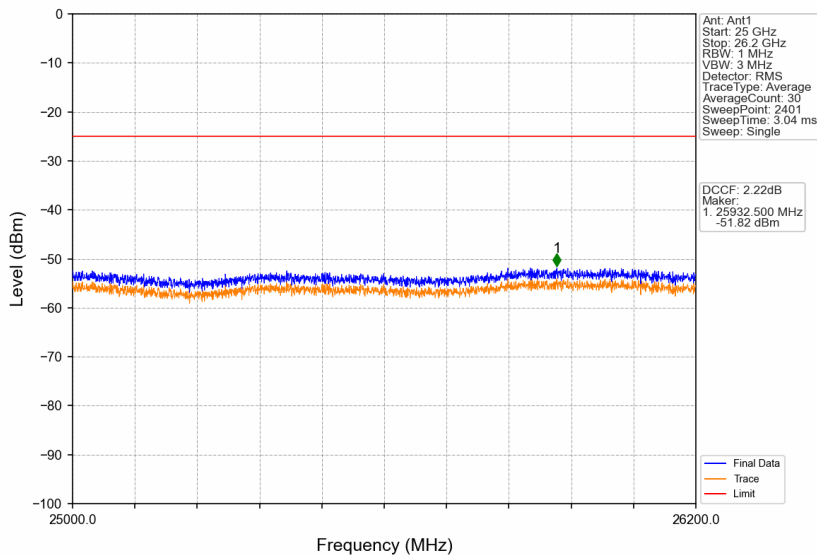
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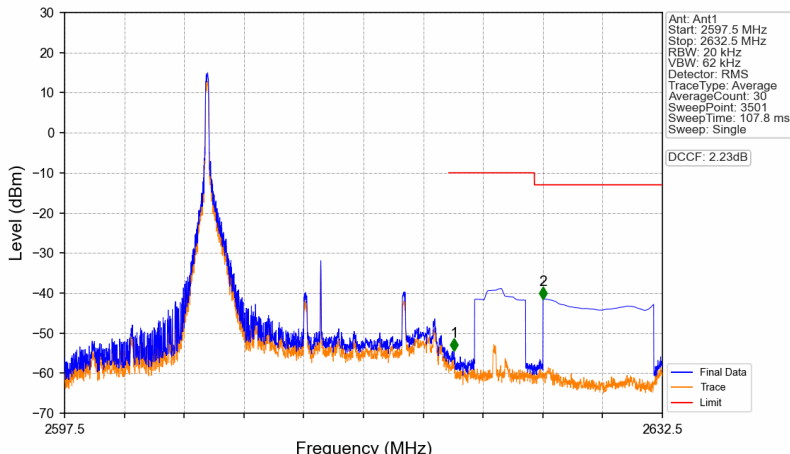
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Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	1	2620.310	-54.42	-10	Pass
2620	2621	0.02	/	1	2620.310	-54.42	-10	Pass
2621	2632.5	1	CHP	2	2625.510	-41.51	-13	Pass

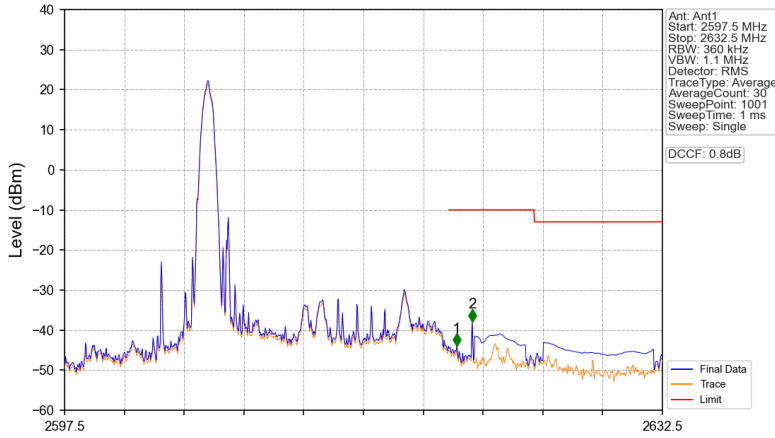


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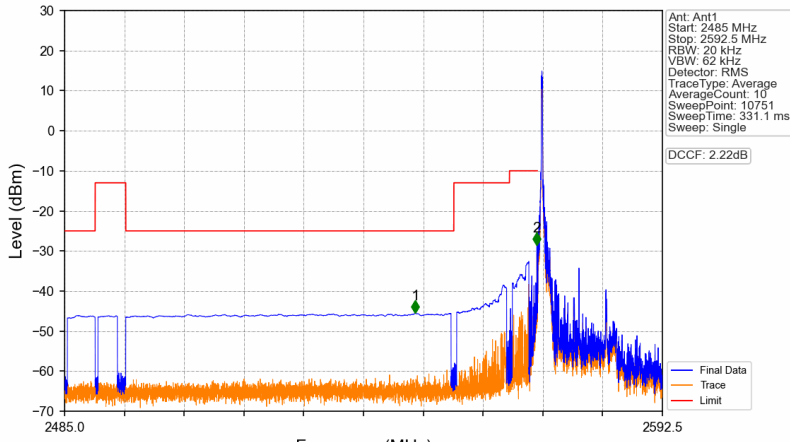
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Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.36	/	/	/	/	/	/
2620	2621	0.36	/	1	2620.460	-44.00	-10	Pass
2621	2632.5	1	CHP	2	2621.370	-37.86	-10	Pass

Band38_15MHz_256QAM_LCH_2577.5MHz_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	2548.080	-45.53	-25	Pass
2569	2570	0.02	/	2	2569.930	-28.54	-10	Pass
2570	2592.5	0.02	/	/	/	/	/	/

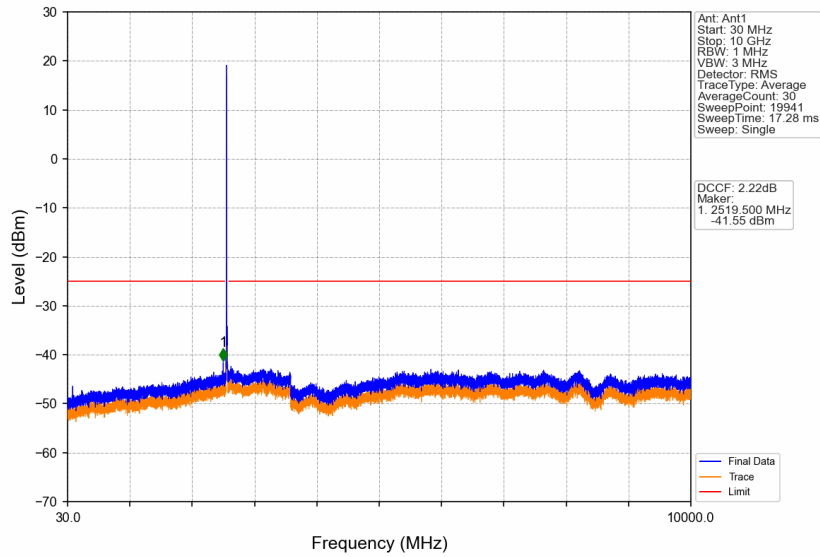


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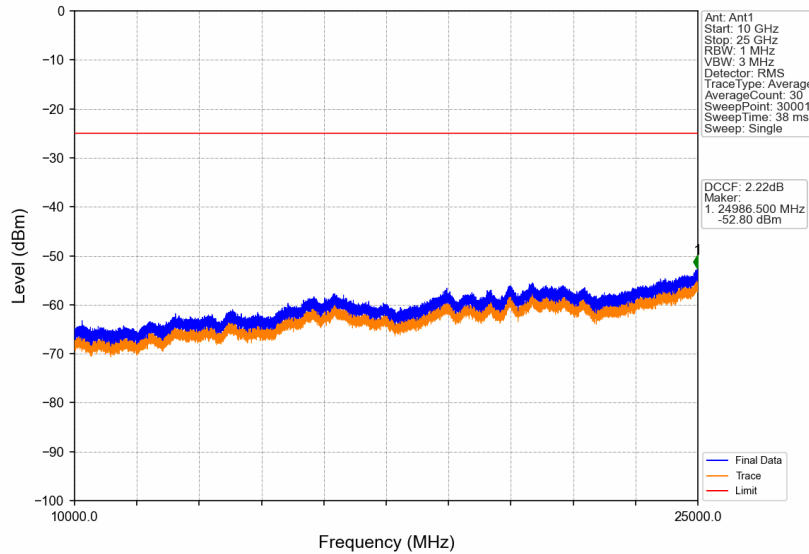
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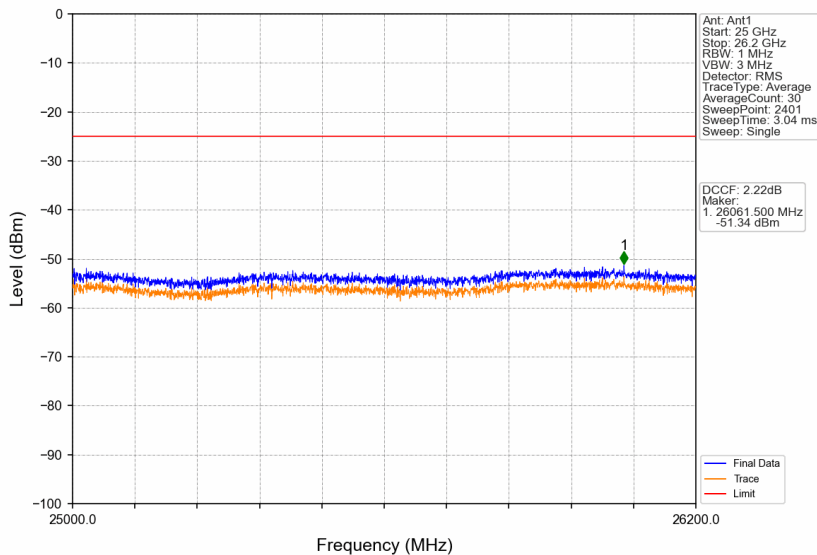
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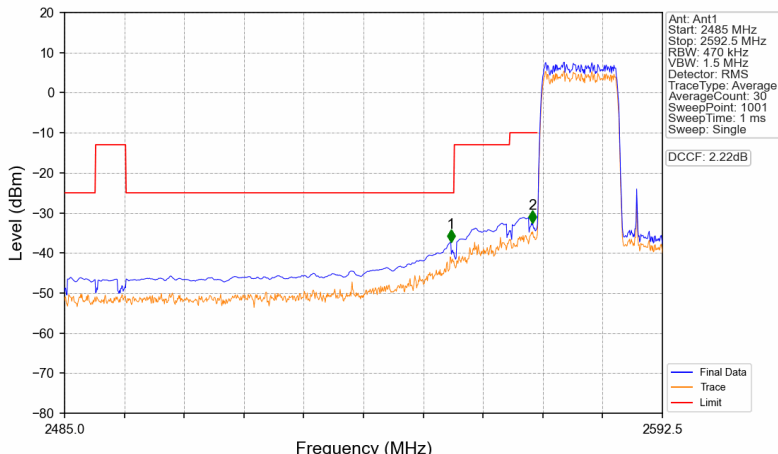
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Band38_15MHz_256QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_256QAM_LCH_2577.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2554.445	-37.25	-25	Pass
2569	2570	0.47	/	2	2569.173	-32.49	-10	Pass
2570	2592.5	0.47	/	/	/	/	/	/



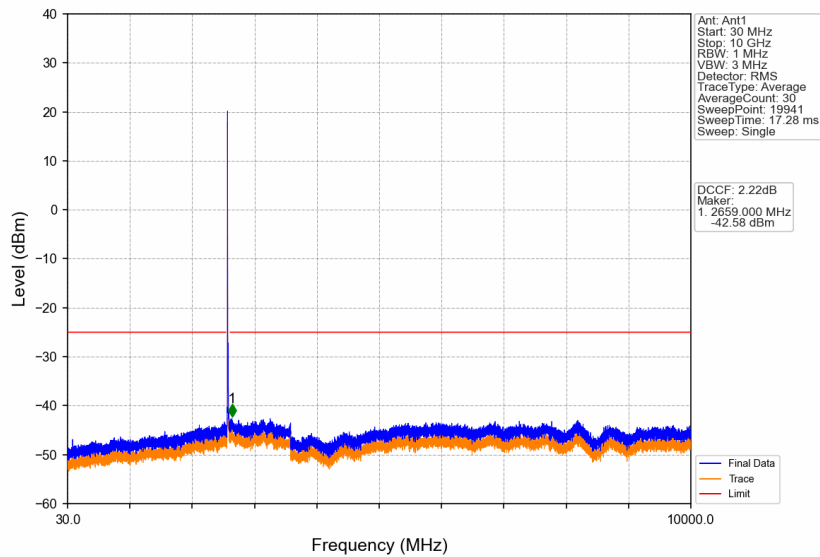
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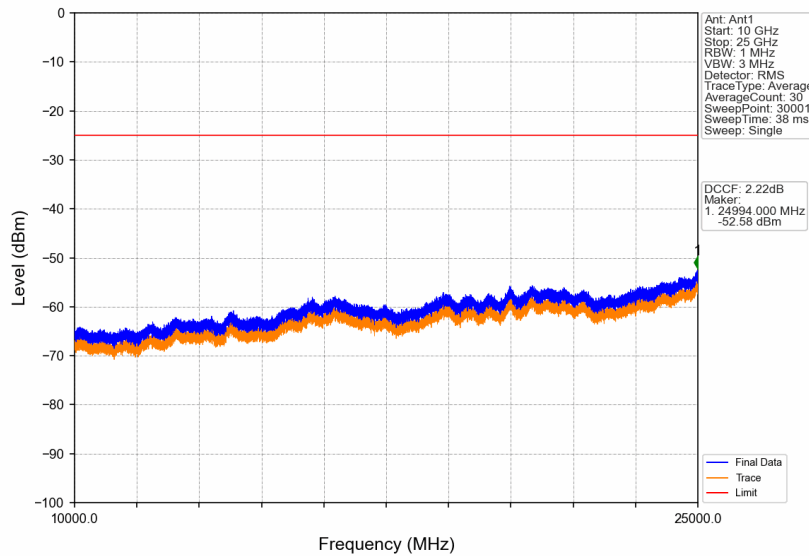
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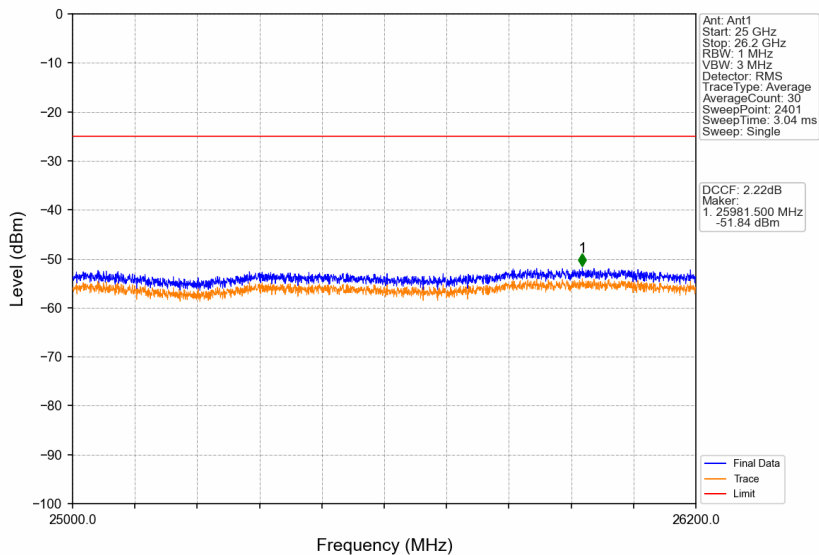
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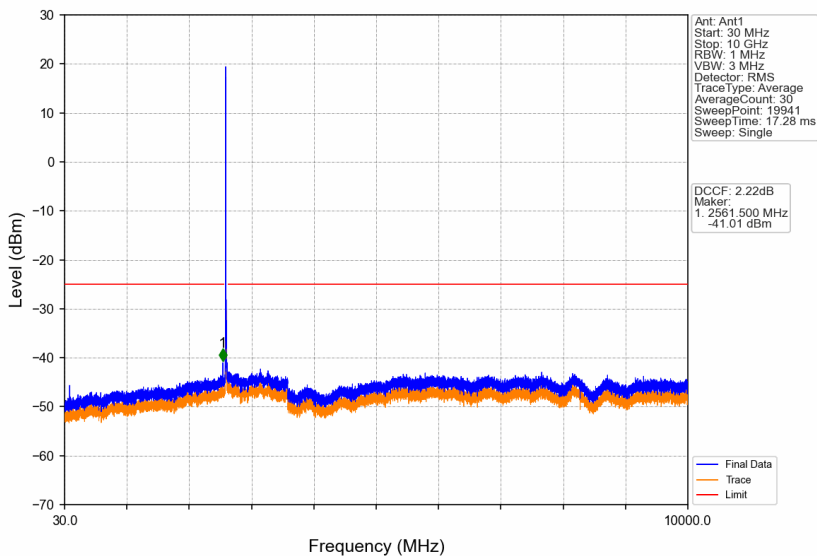
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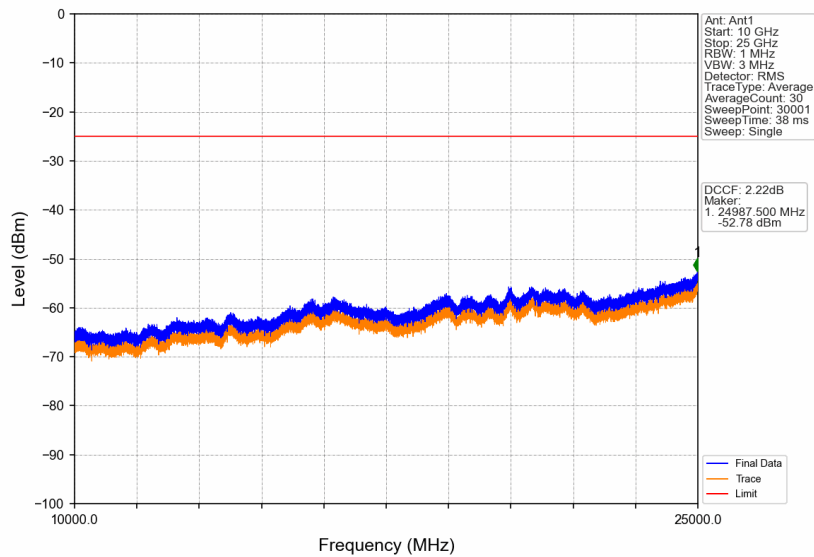


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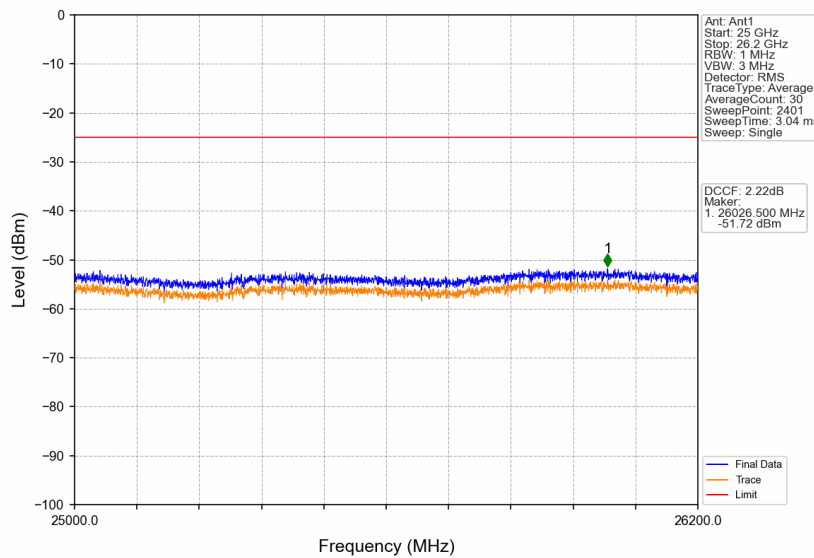
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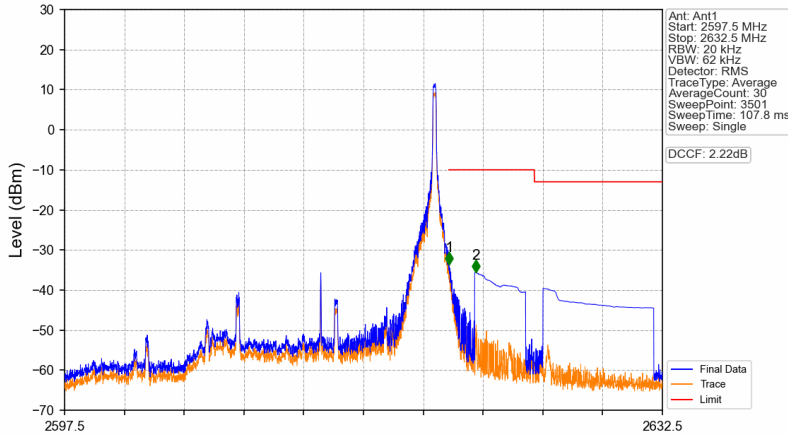


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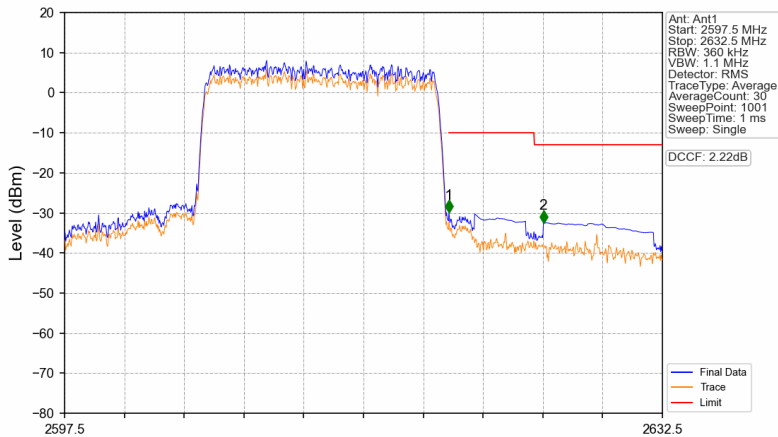
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Band38_15MHz_256QAM_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.020	-33.63	-10	Pass
2621	2632.5	1	CHP	2	2621.580	-35.59	-10	Pass

Band38_15MHz_256QAM_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.36	/	/	/	/	/	/
2620	2621	0.36	/	1	2620.005	-29.88	-10	Pass
2621	2632.5	1	CHP	2	2625.535	-32.48	-13	Pass



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5.4 B38_20MHz

5.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
256QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

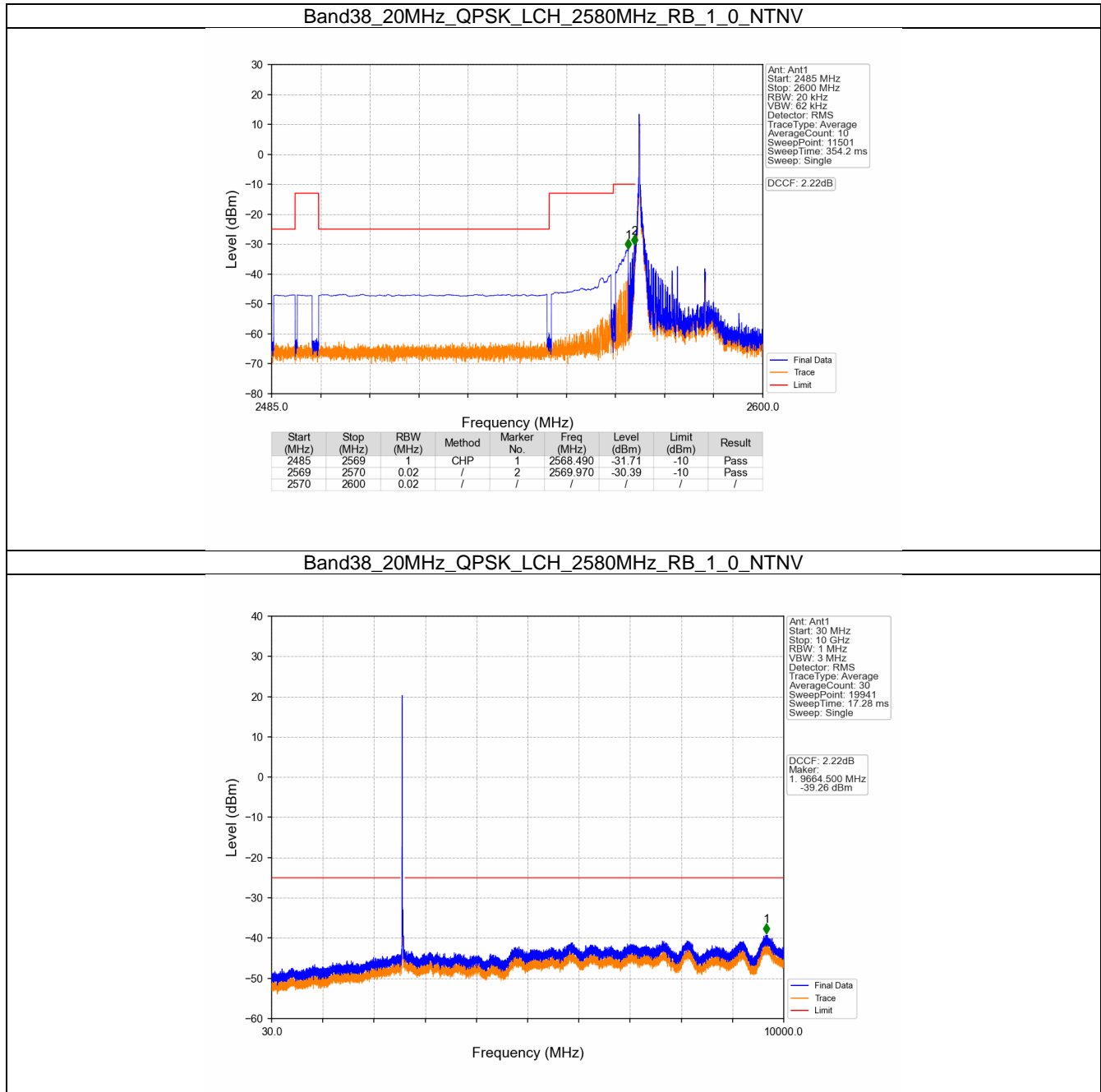


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5.4.2 Test Graph

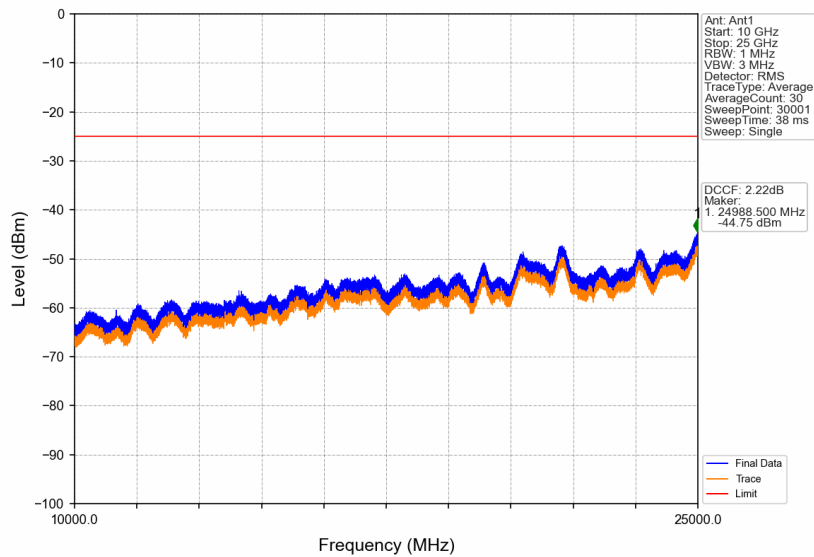


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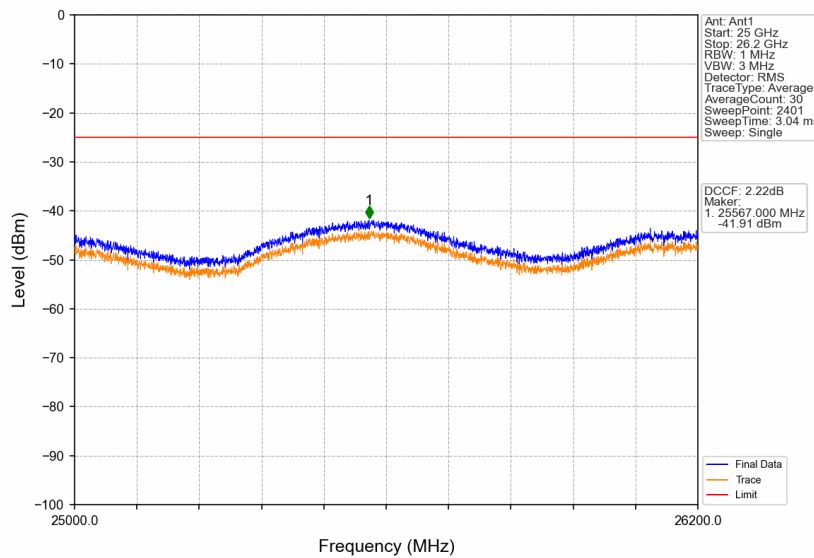
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Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

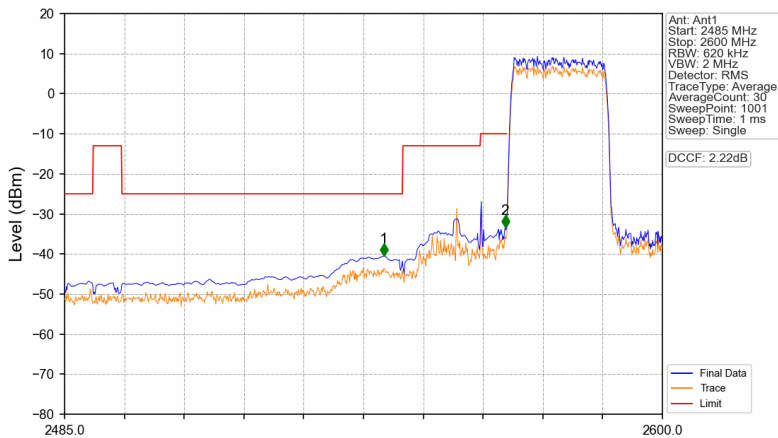


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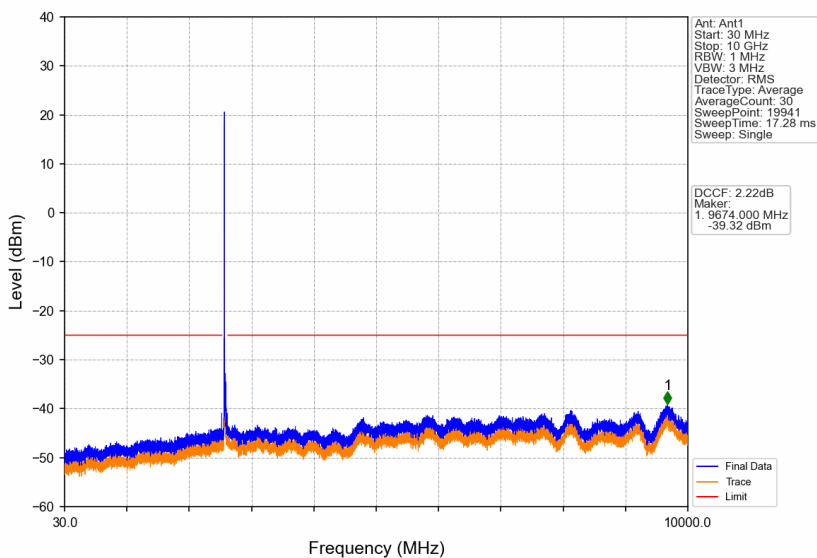
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Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2546.410	-40.56	-25	Pass
2569	2570	0.62	/	2	2569.755	-33.46	-10	Pass
2570	2600	0.62	/	/	/	/	/	/

Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV

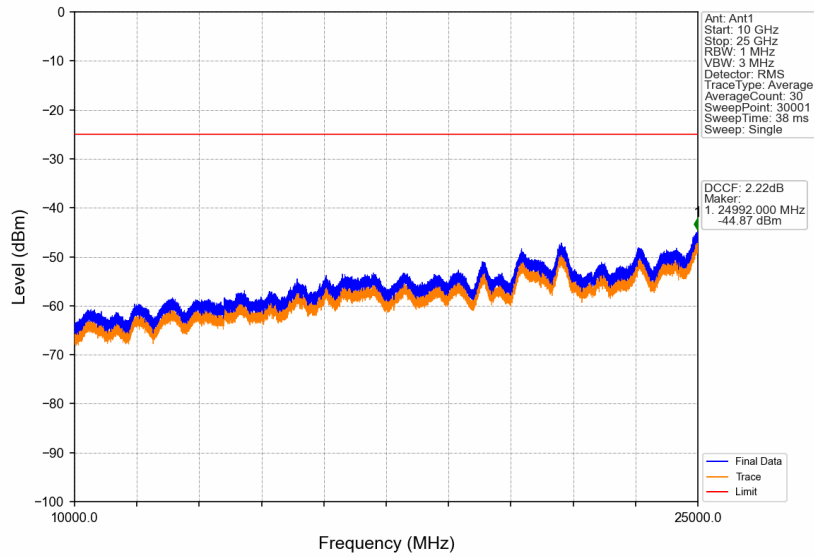


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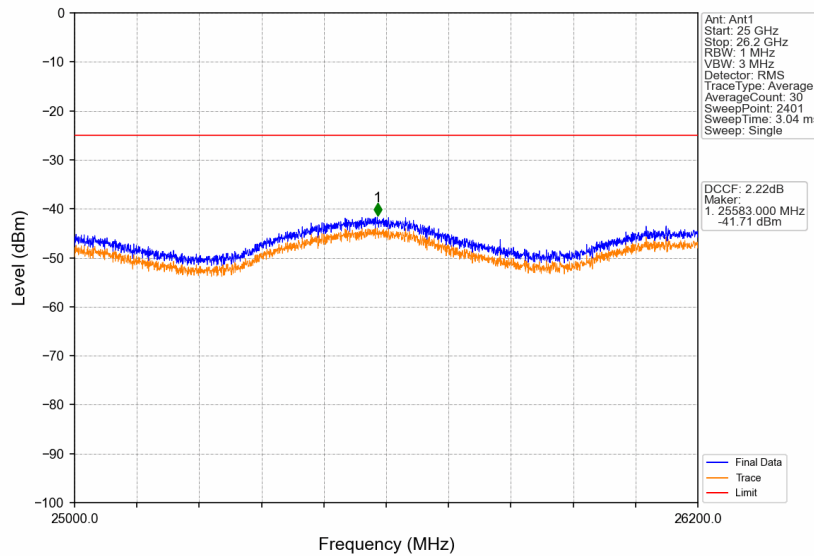
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Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



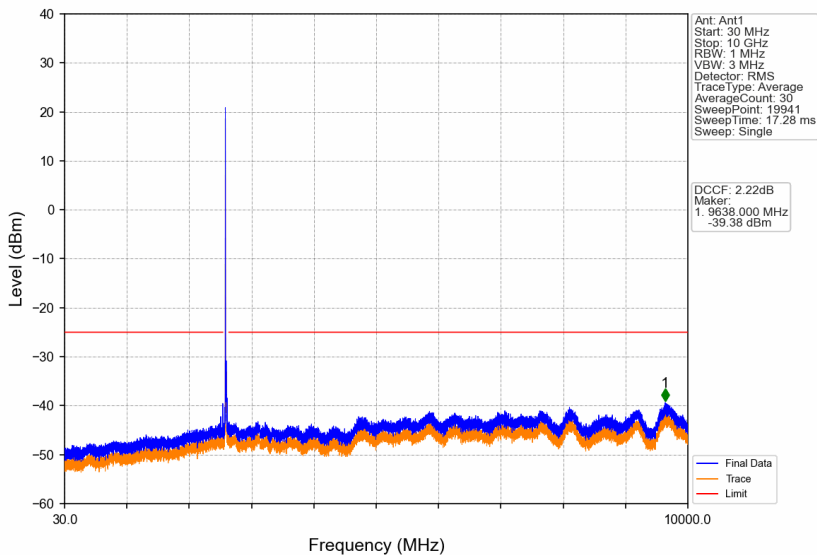
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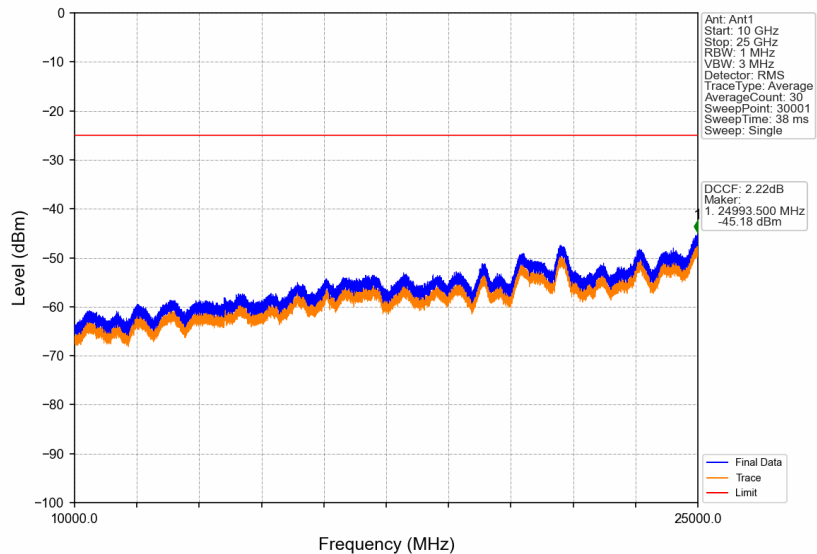
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Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

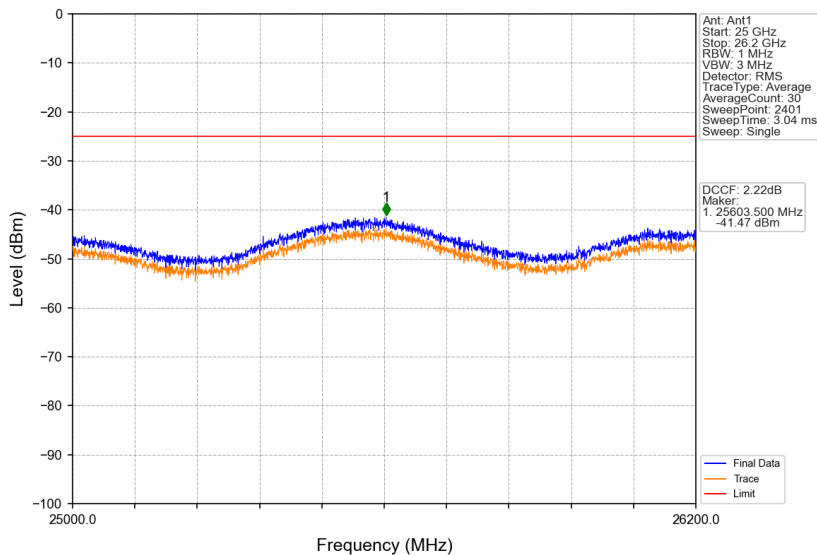


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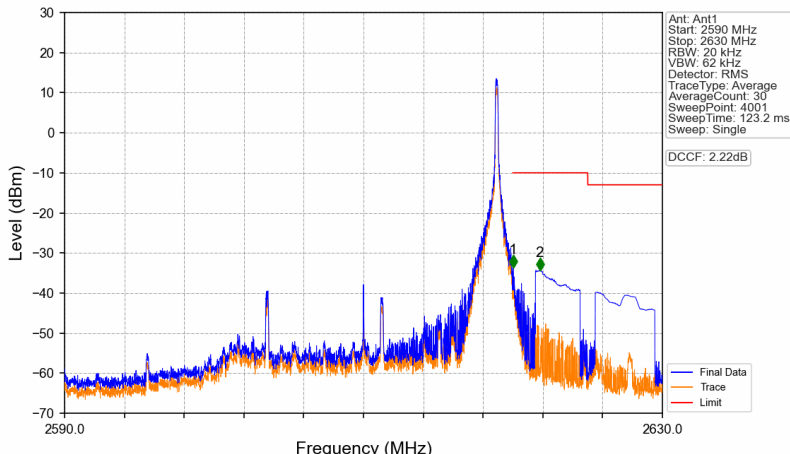
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Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	1	2620.010	-33.58	-10	Pass
2620	2621	1	CHP	2	2621.800	-34.28	-10	Pass

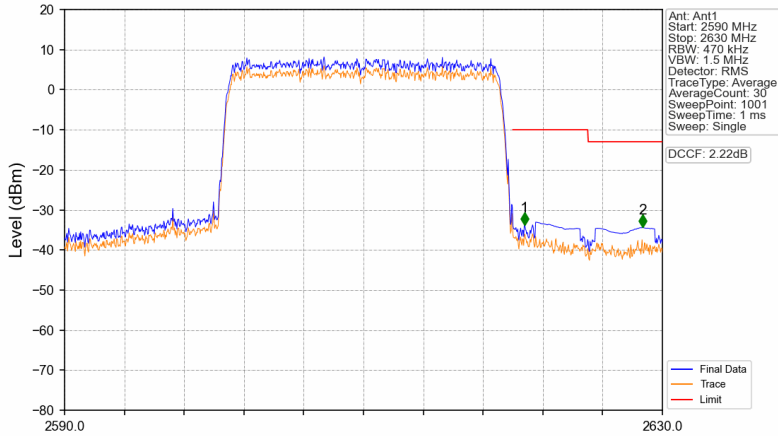


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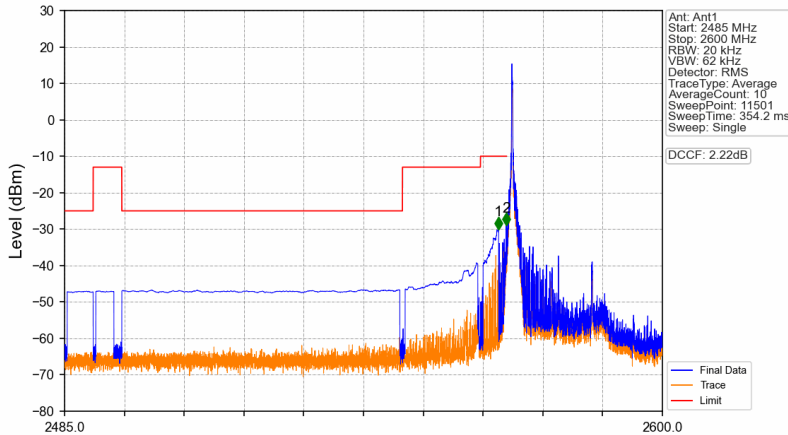
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.47	/	/	/	/	/	/
2620	2621	0.47	/	1	2620.760	-33.80	-10	Pass
2621	2630	1	CHP	2	2628.680	-34.39	-13	Pass

Band38_20MHz_16QAM_LCH_2580MHz_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	2568.450	-30.04	-10	Pass
2569	2570	0.02	/	2	2569.960	-29.00	-10	Pass
2570	2600	0.02	/	/	/	/	/	/

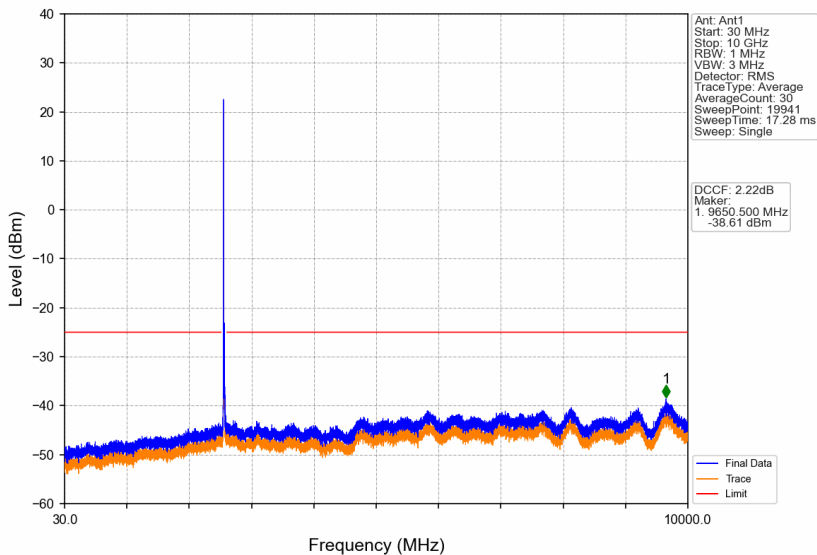


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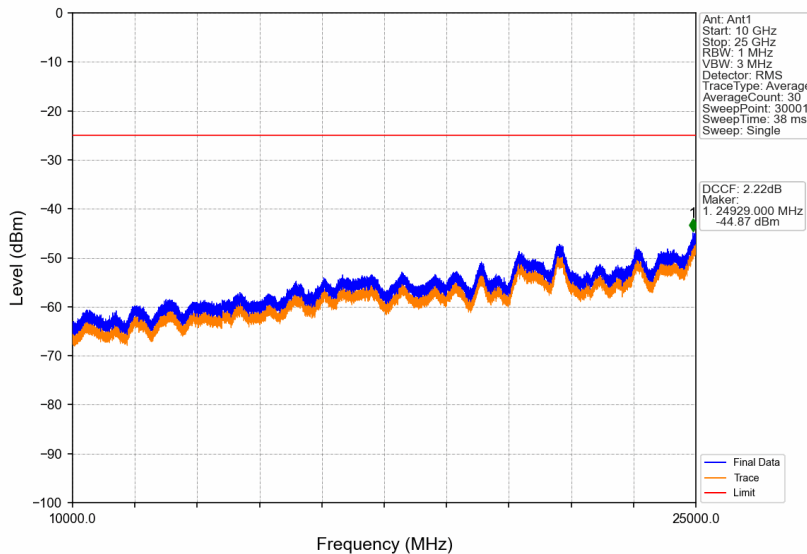
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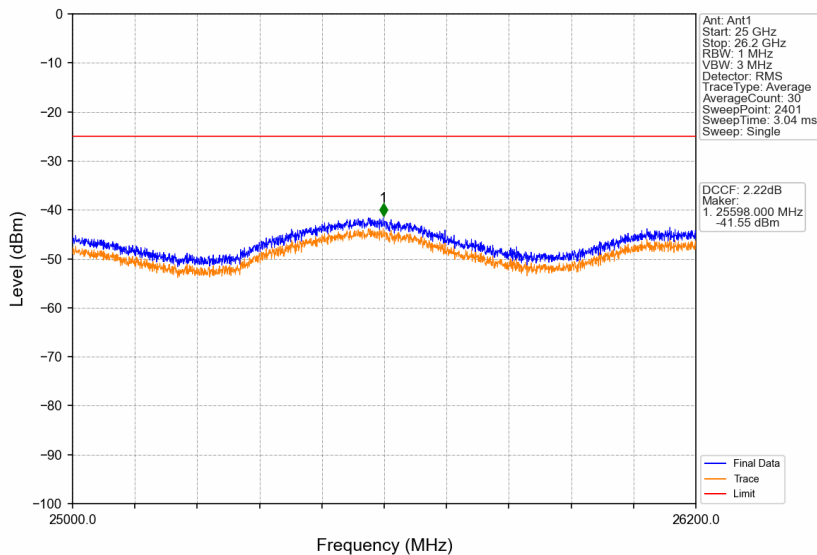


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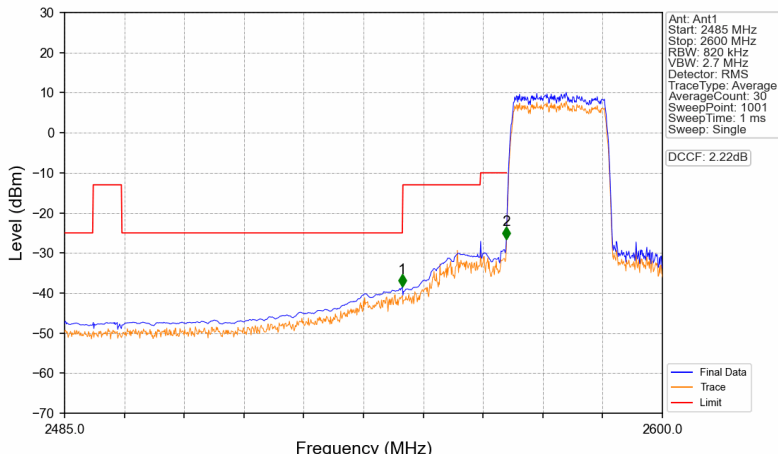
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Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2549.975	-38.43	-25	Pass
2569	2570	0.82	/	2	2569.985	-26.53	-10	Pass
2570	2600	0.82	/	/	/	/	/	/

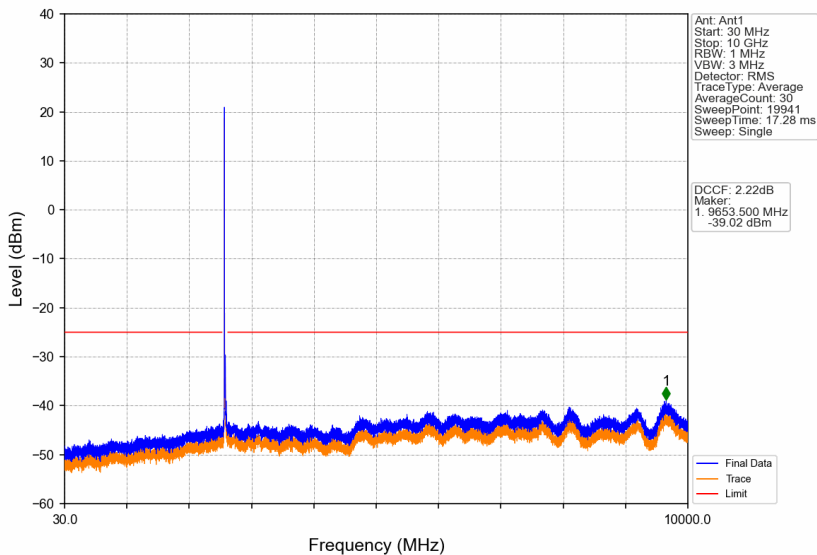


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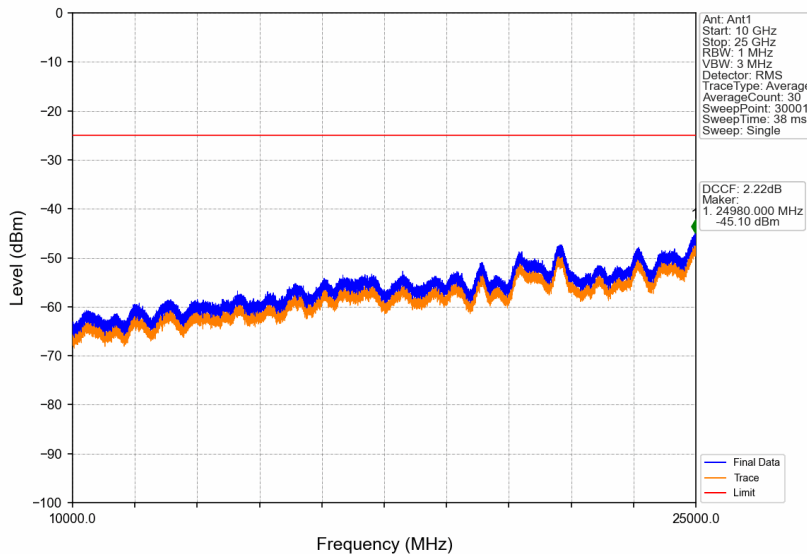
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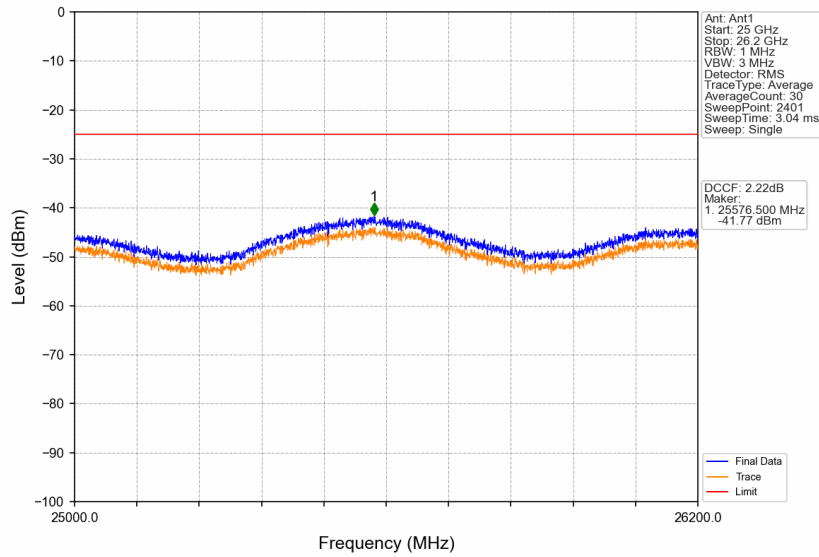


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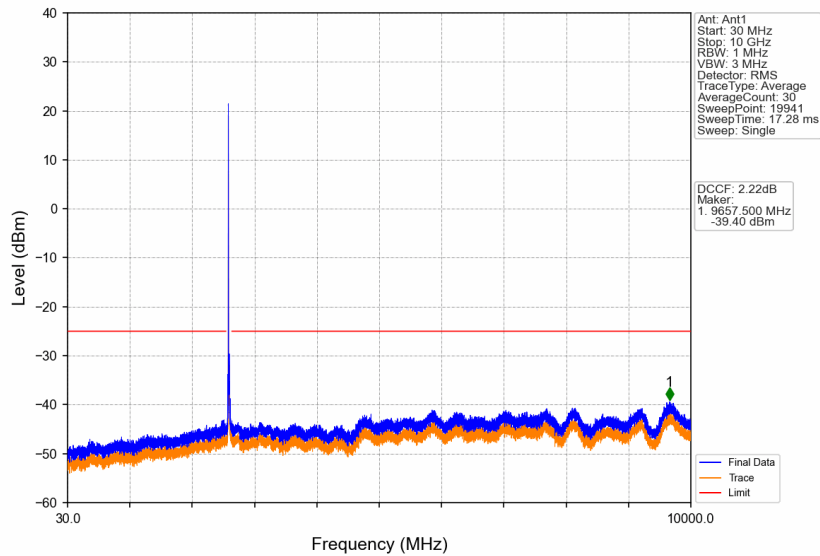
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Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV

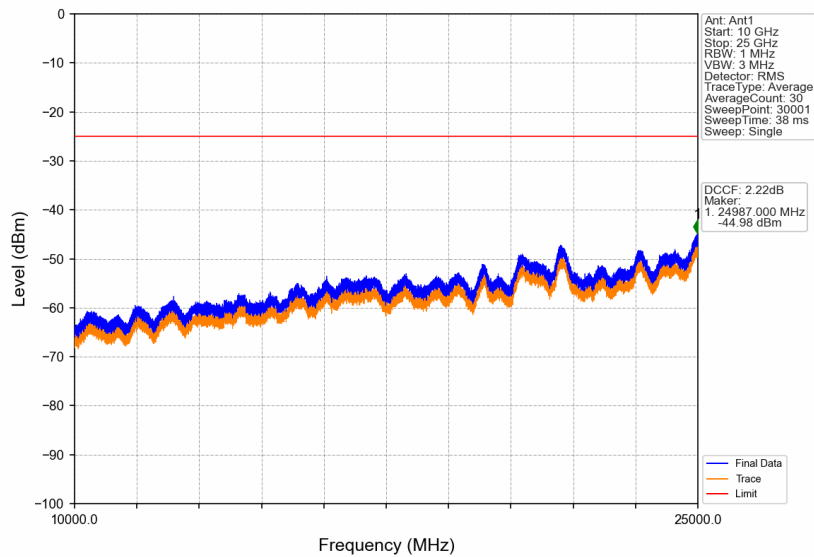


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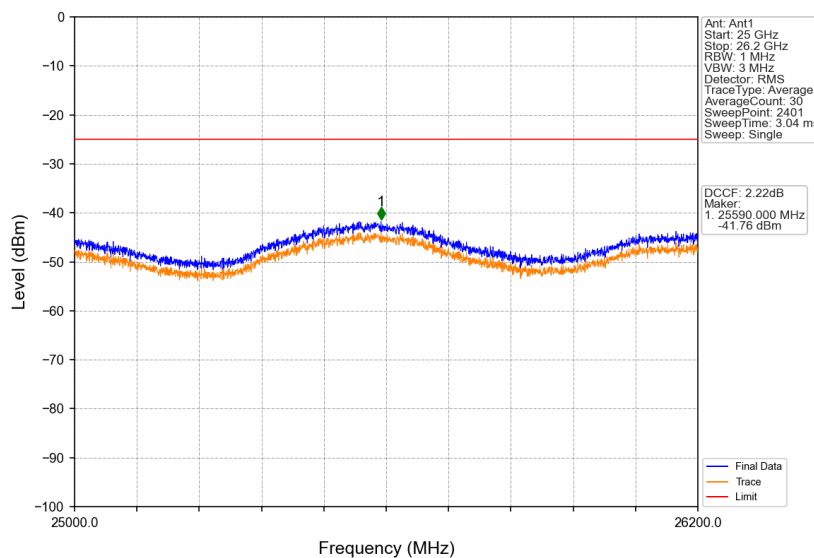
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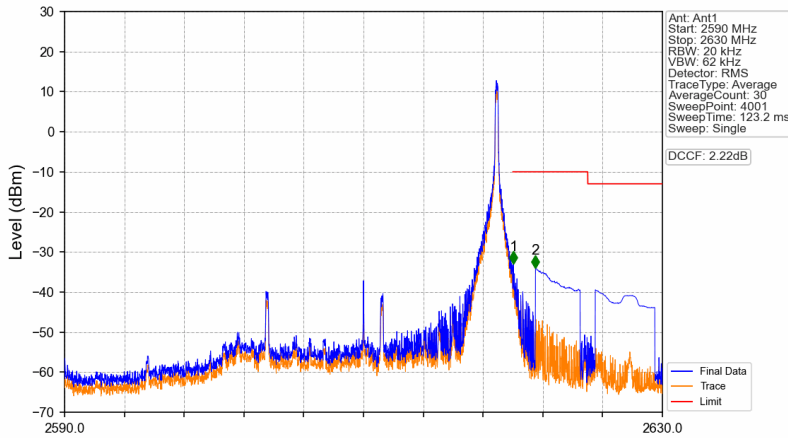


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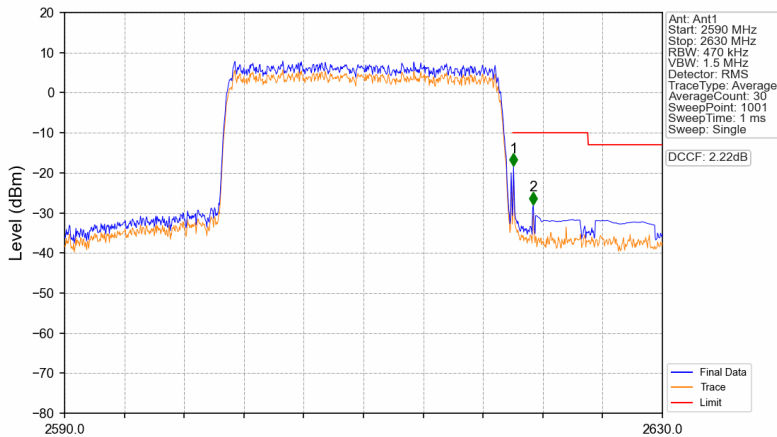
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Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.030	-32.94	-10	Pass
2621	2630	1	CHP	2	2621.510	-33.96	-10	Pass

Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.47	/	/	/	/	/	/
2620	2621	0.47	/	1	2620.040	-18.25	-10	Pass
2621	2630	1	CHP	2	2621.360	-27.90	-10	Pass

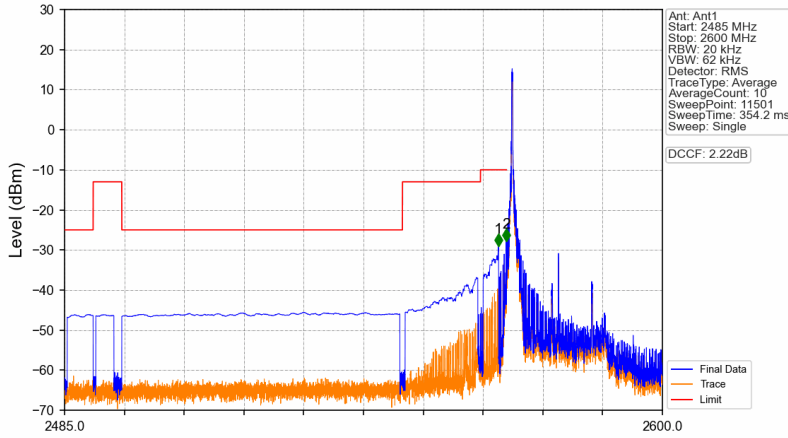


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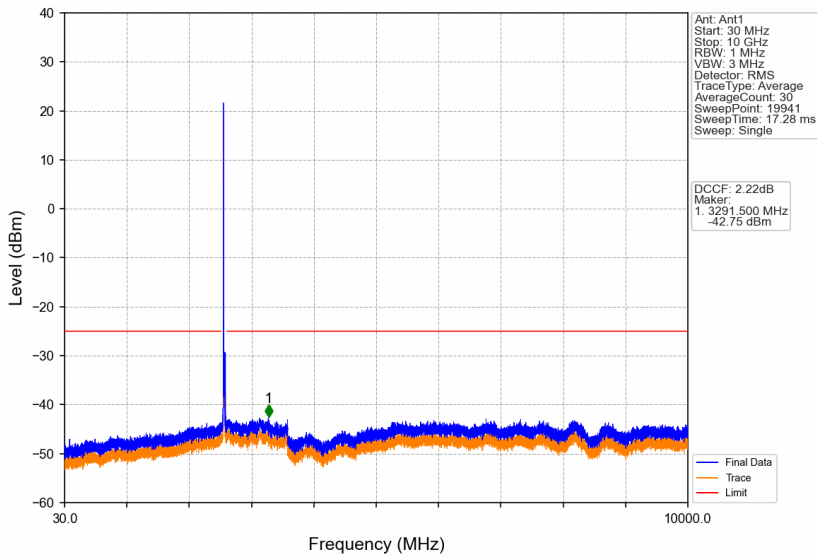
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Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.470	-29.15	-10	Pass
2569	2570	0.02	/	2	2569.930	-27.83	-10	Pass
2570	2600	0.02	/	/	/	/	/	/

Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



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