

## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B41\_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

#### 6.1.2 B41\_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

#### 6.1.3 B41\_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

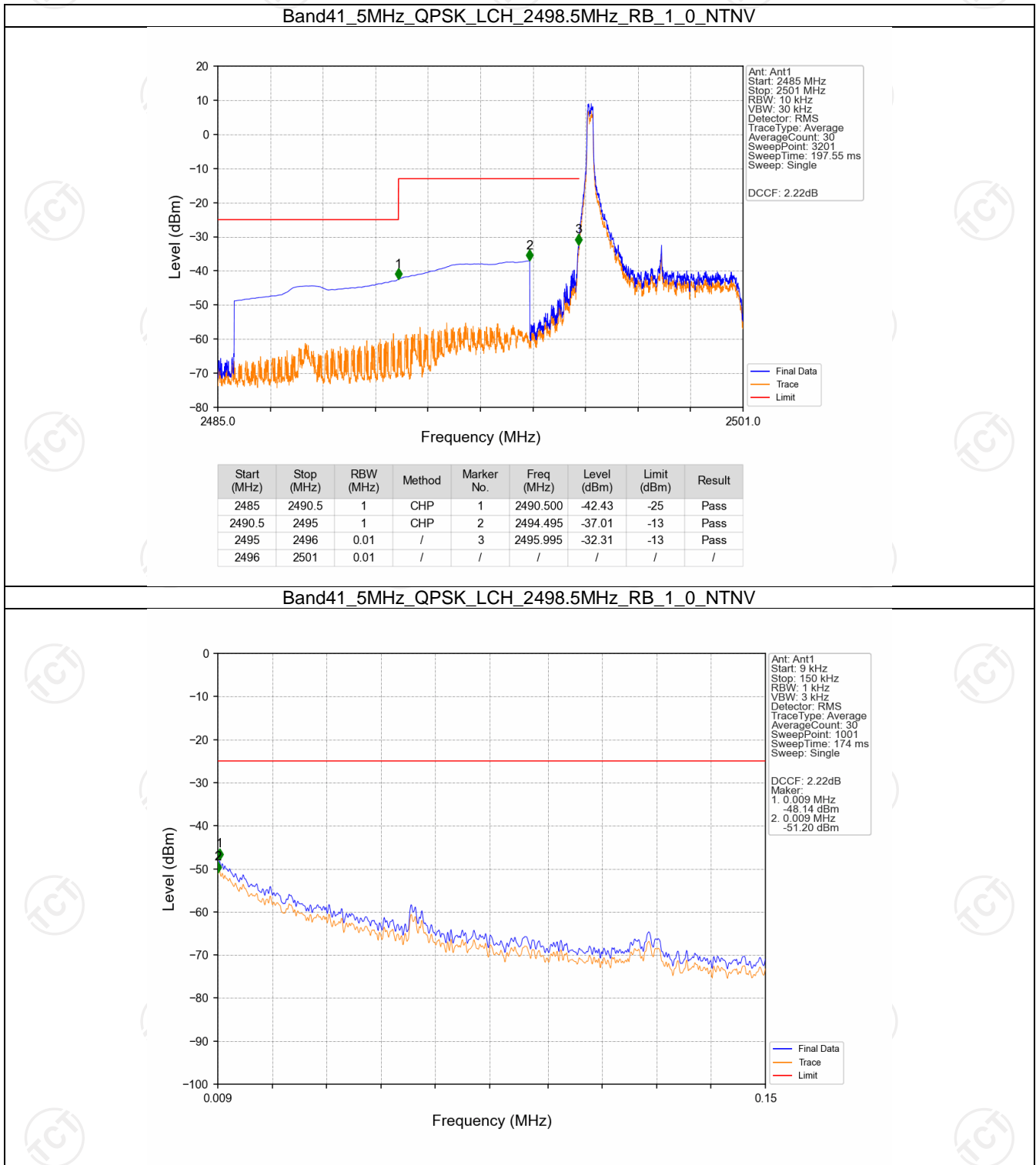
16QAM	2503.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
	2682.5	1	74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

## 6.1.4 B41\_20MHz

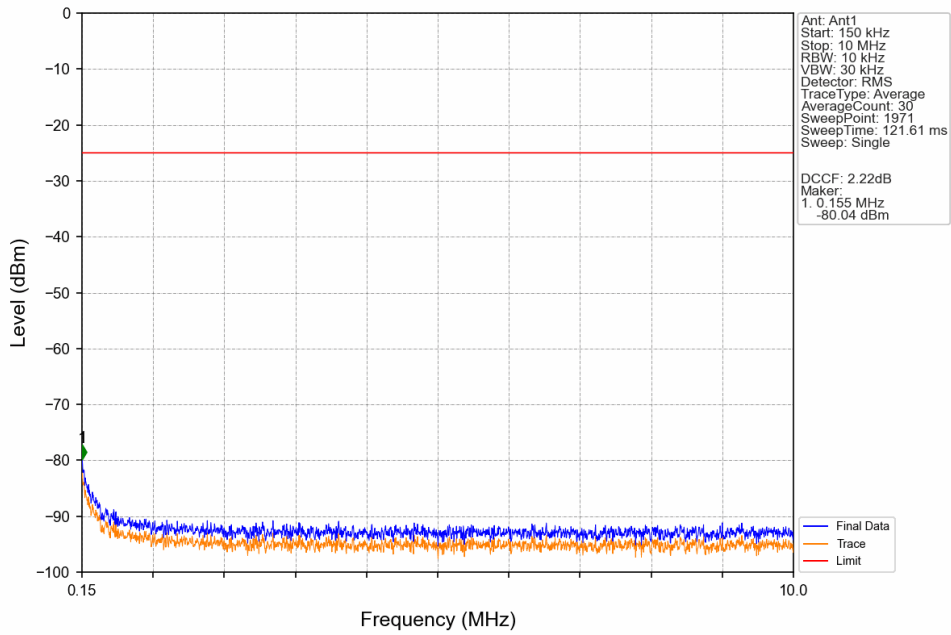
Band: 41 / Bandwidth: 20MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2506	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	2680	1		0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100		0	Refer To Test Graph		Pass
				0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	2680	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

## 6.2 Test Graph

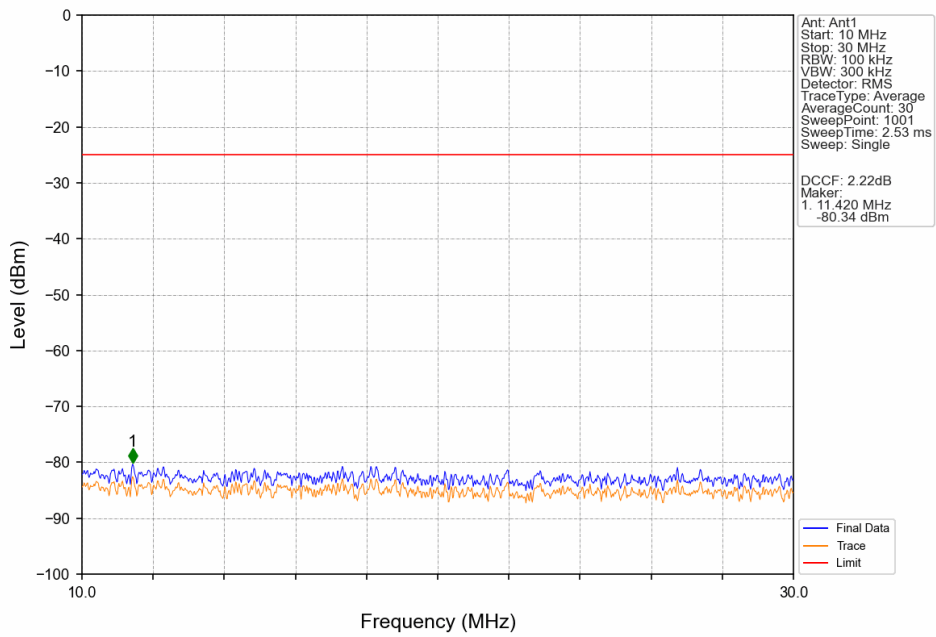
### 6.2.1 B41\_5MHz



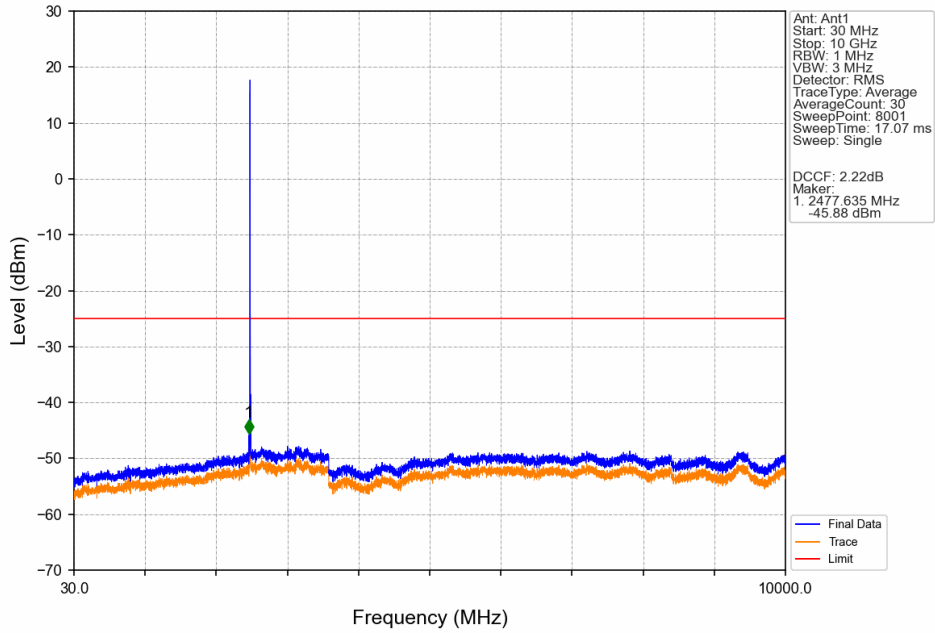
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



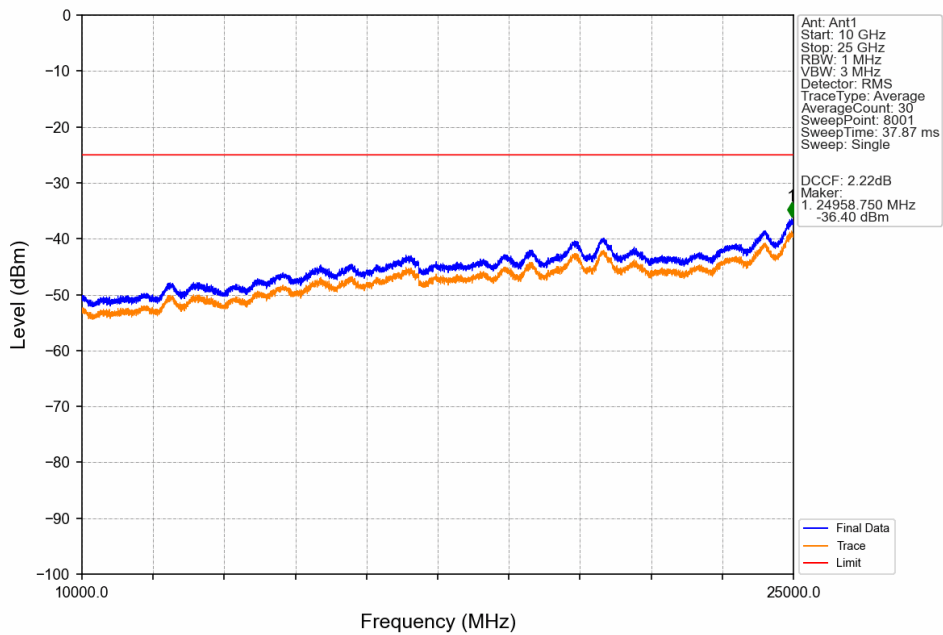
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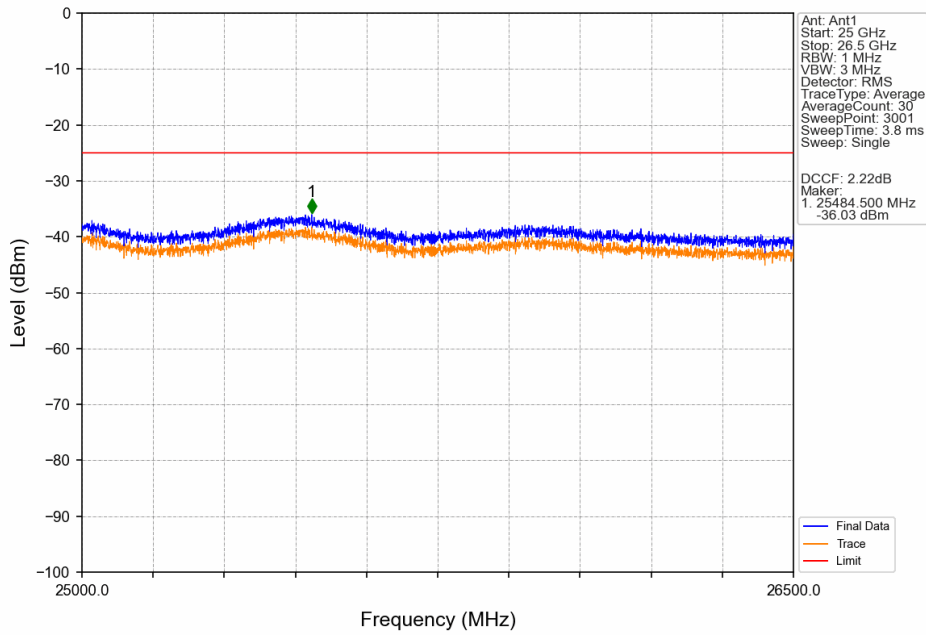
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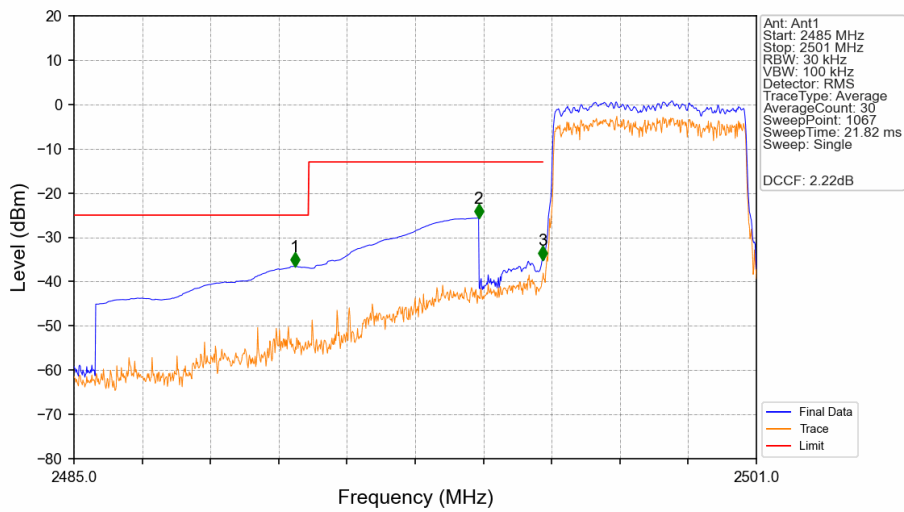
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Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

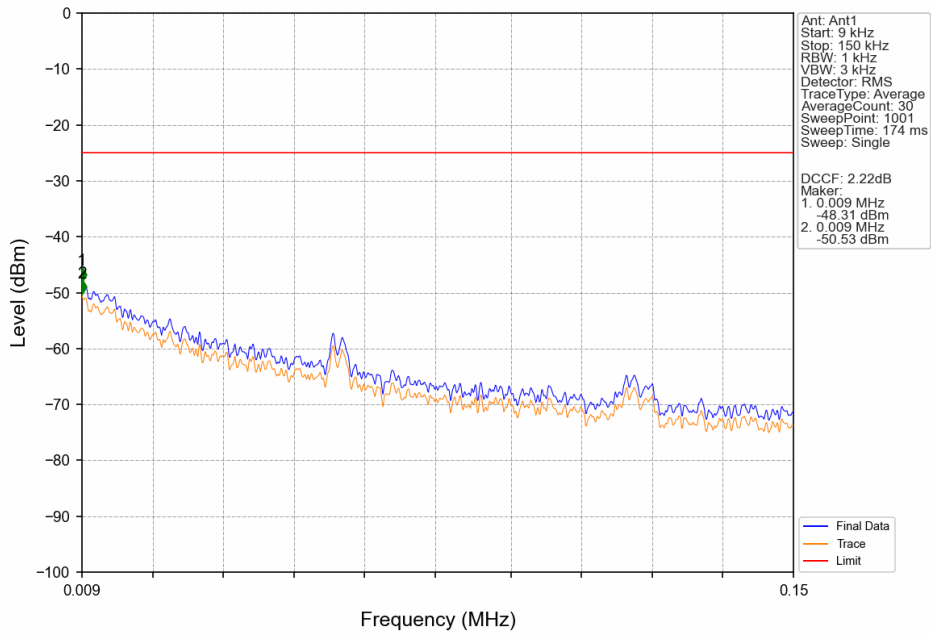


Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

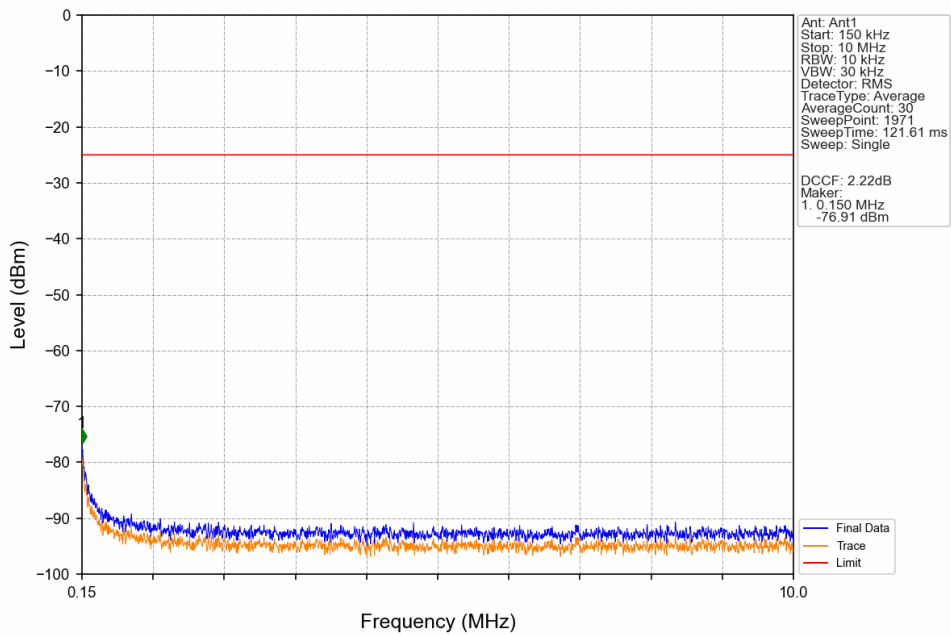


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.178	-36.55	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-25.65	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-35.06	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

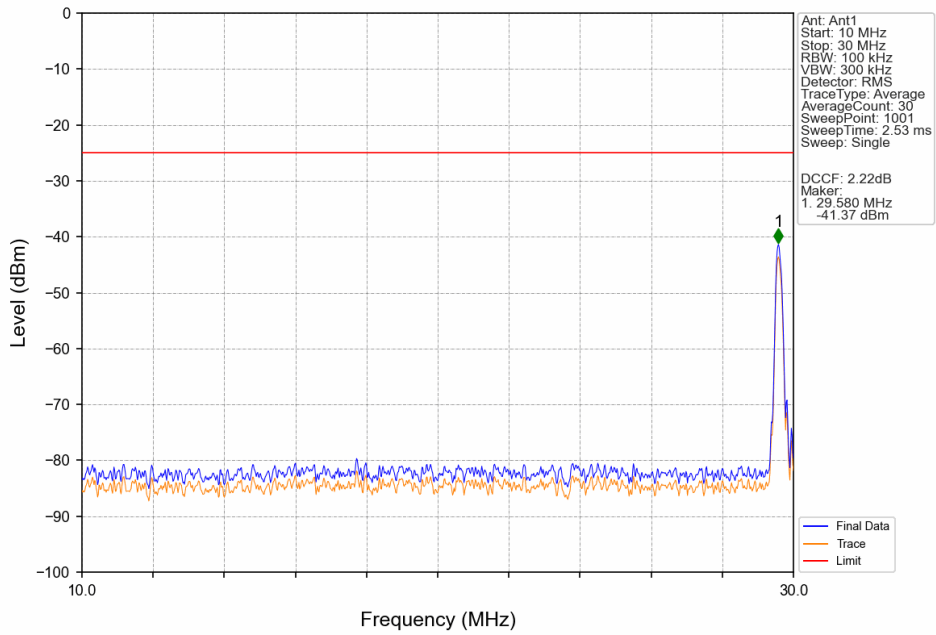
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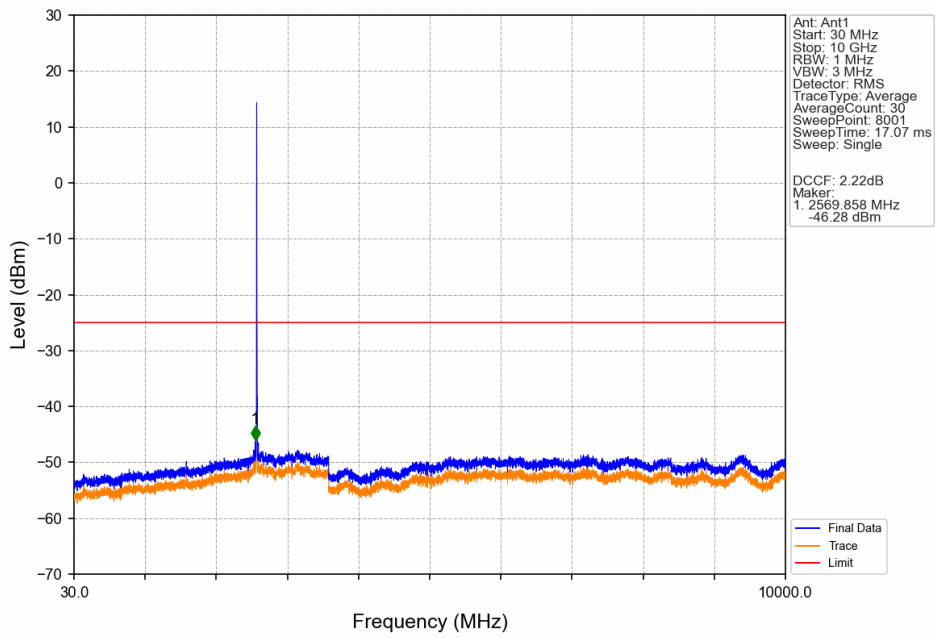
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Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV

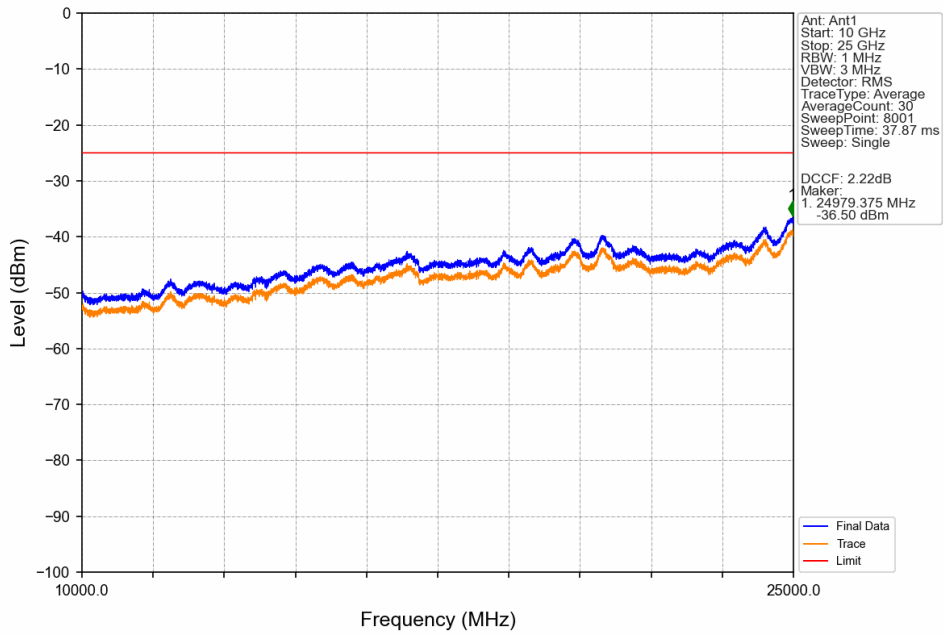


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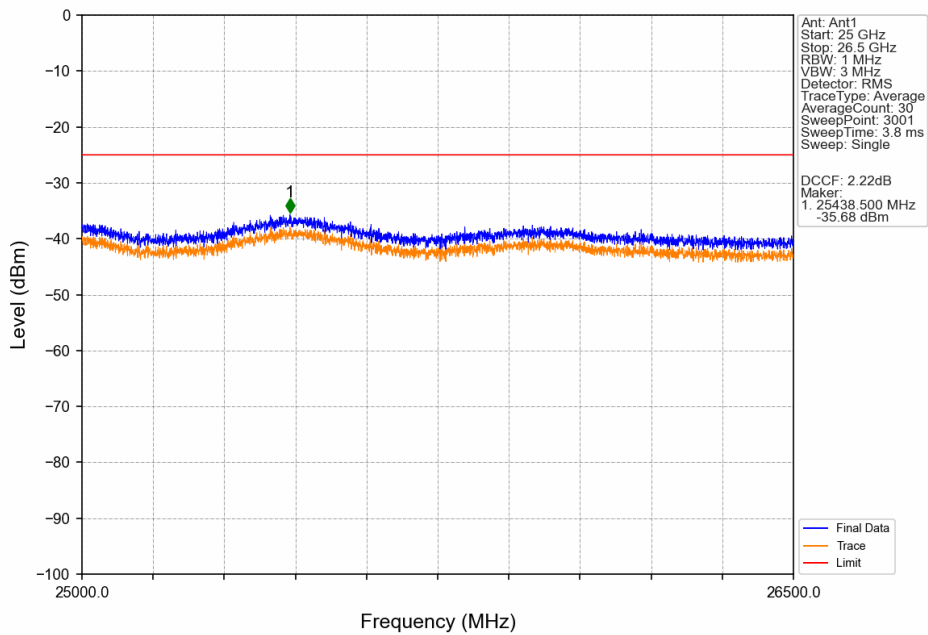




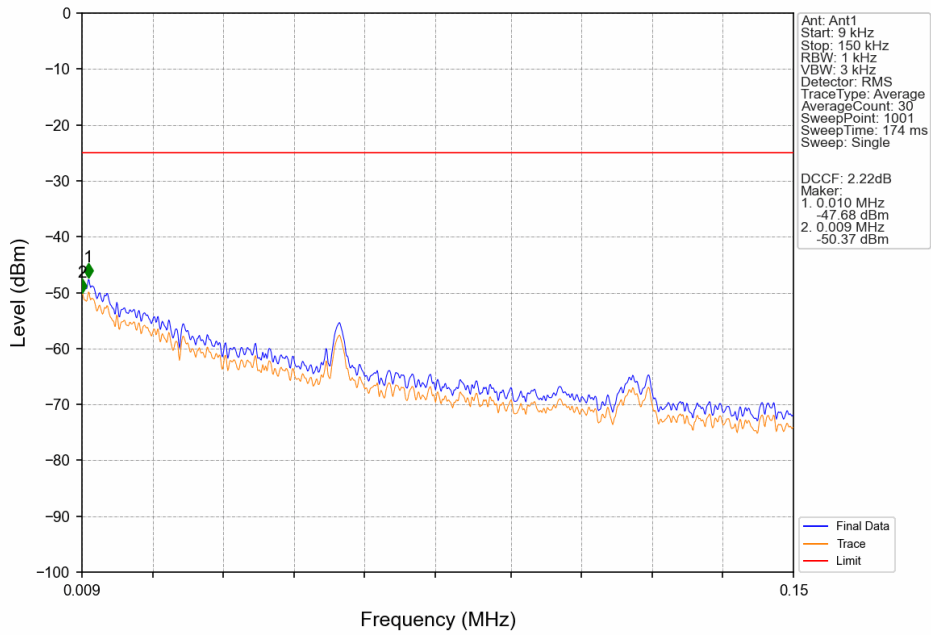
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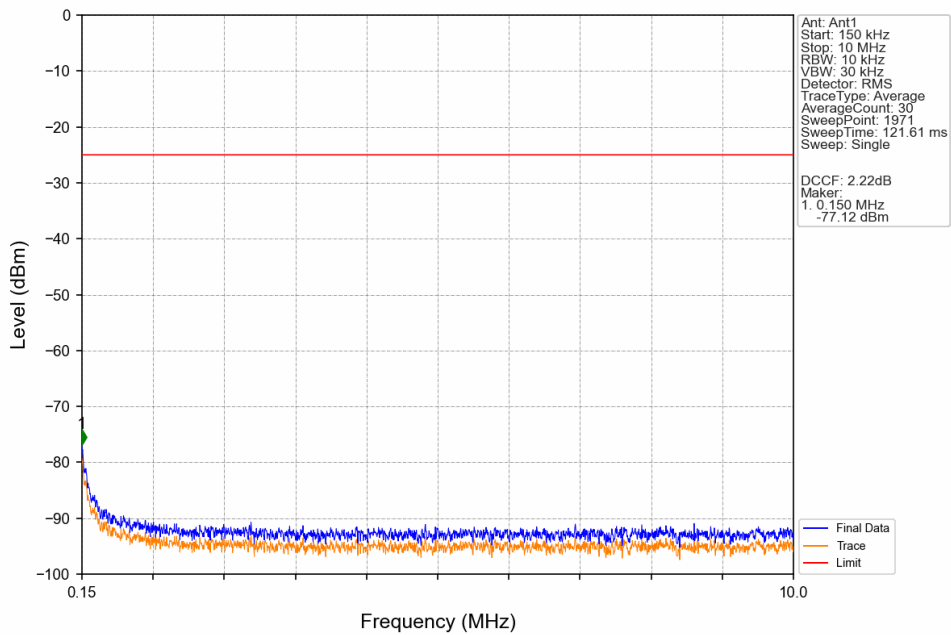
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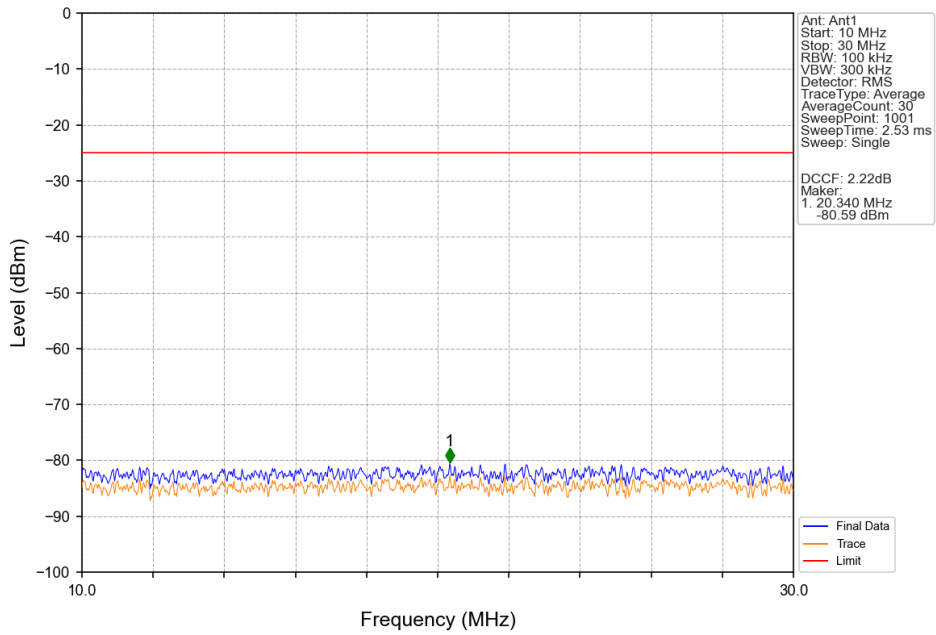
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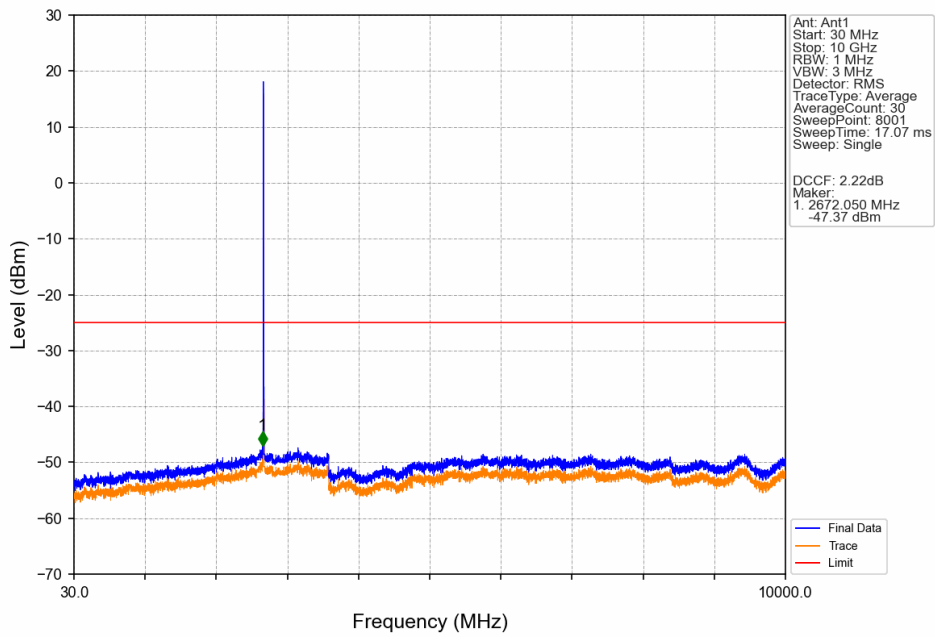
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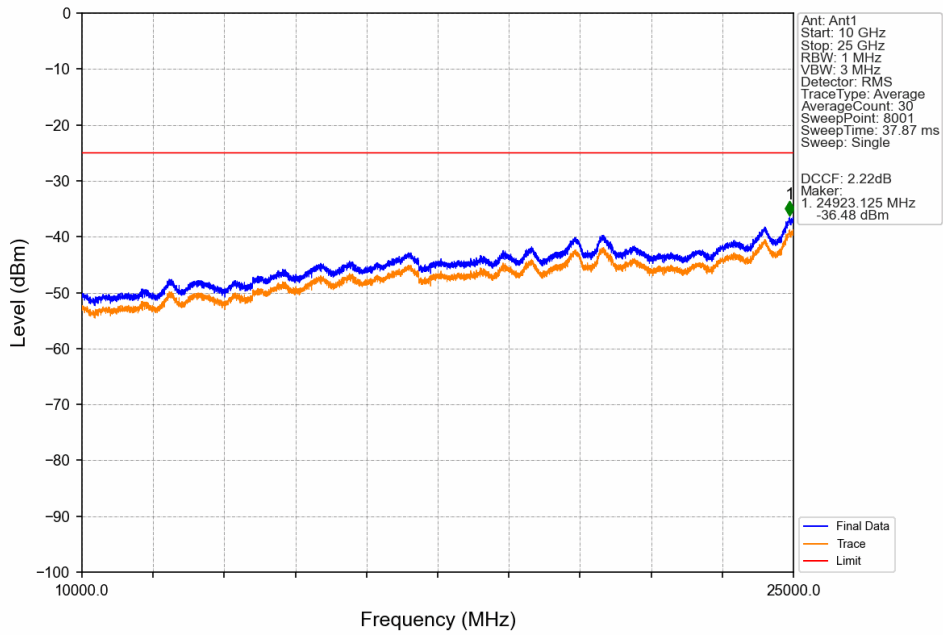
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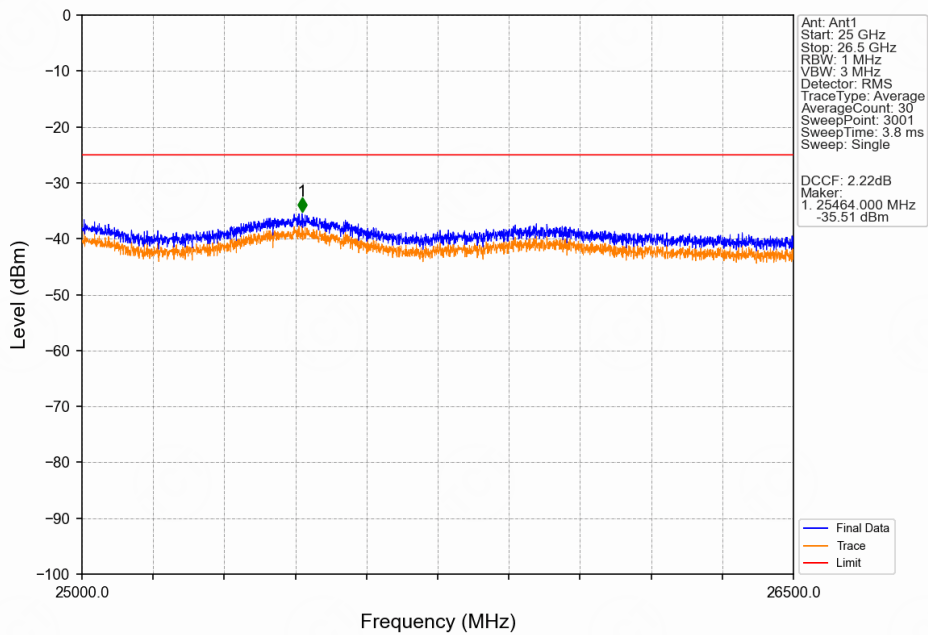
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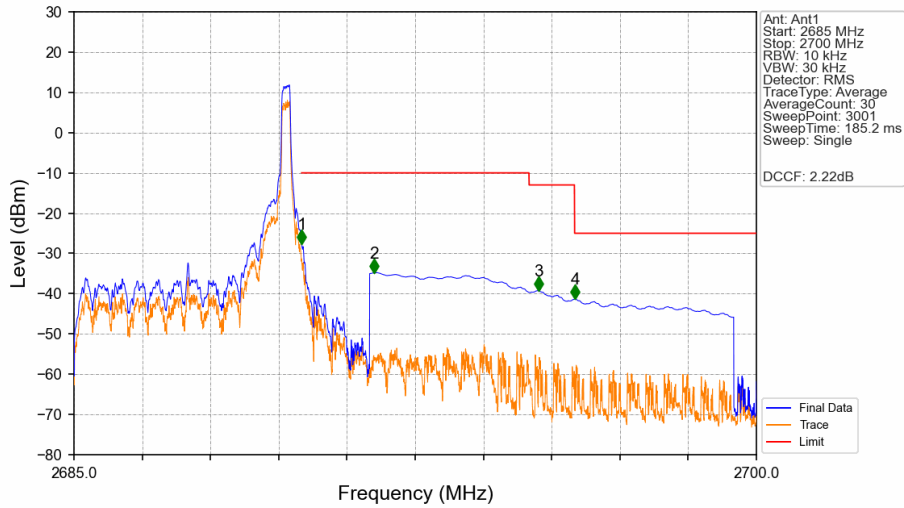
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Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV

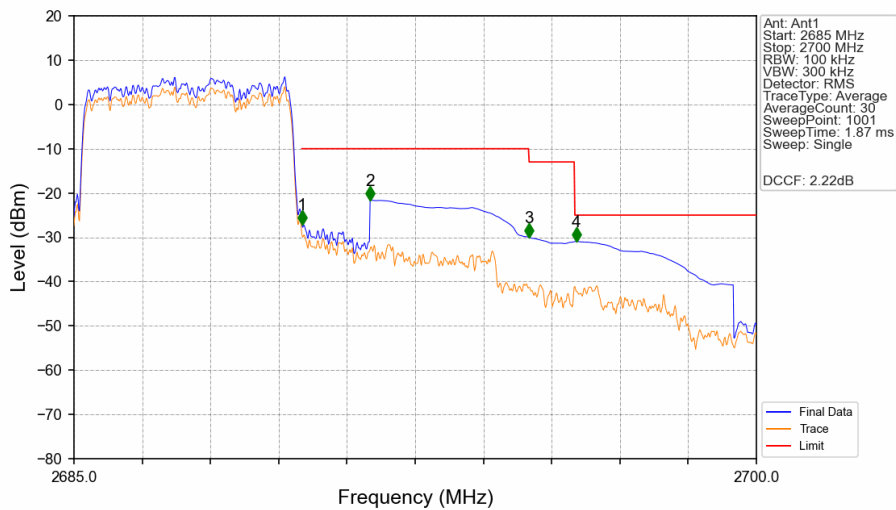


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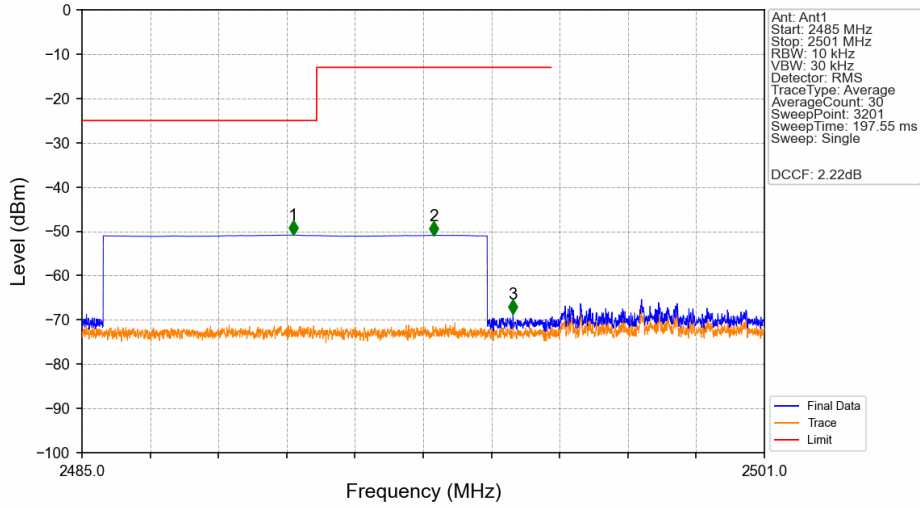
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-27.56	-10	Pass
2691	2695	1	CHP	2	2691.595	-34.79	-10	Pass
2695	2696	1	CHP	3	2695.205	-39.22	-13	Pass
2696	2700	1	CHP	4	2696.015	-41.35	-25	Pass

## Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



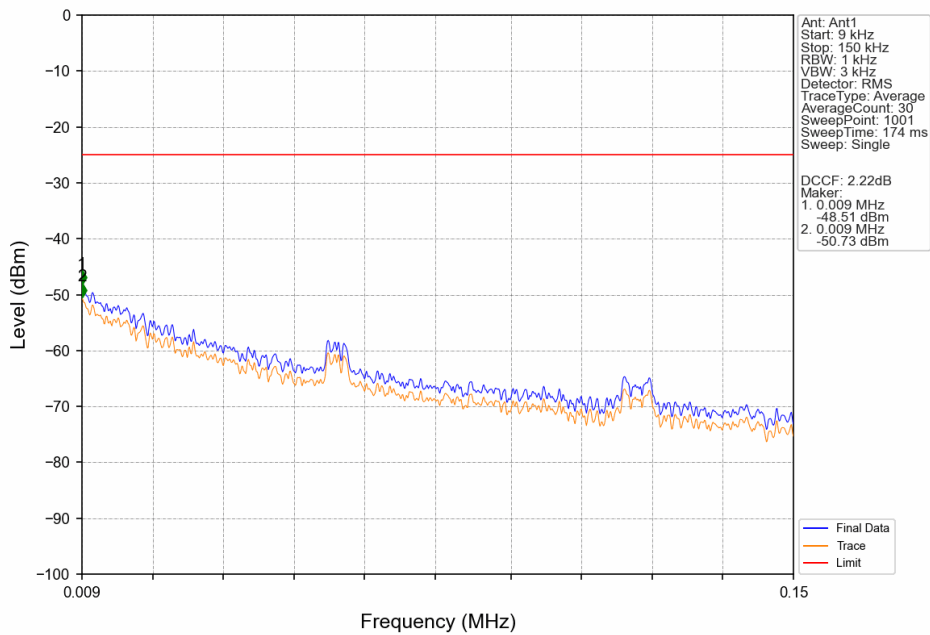
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.010	-27.15	-10	Pass
2691	2695	1	CHP	2	2691.510	-21.60	-10	Pass
2695	2696	1	CHP	3	2695.005	-30.04	-13	Pass
2696	2700	1	CHP	4	2696.040	-30.92	-25	Pass

Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

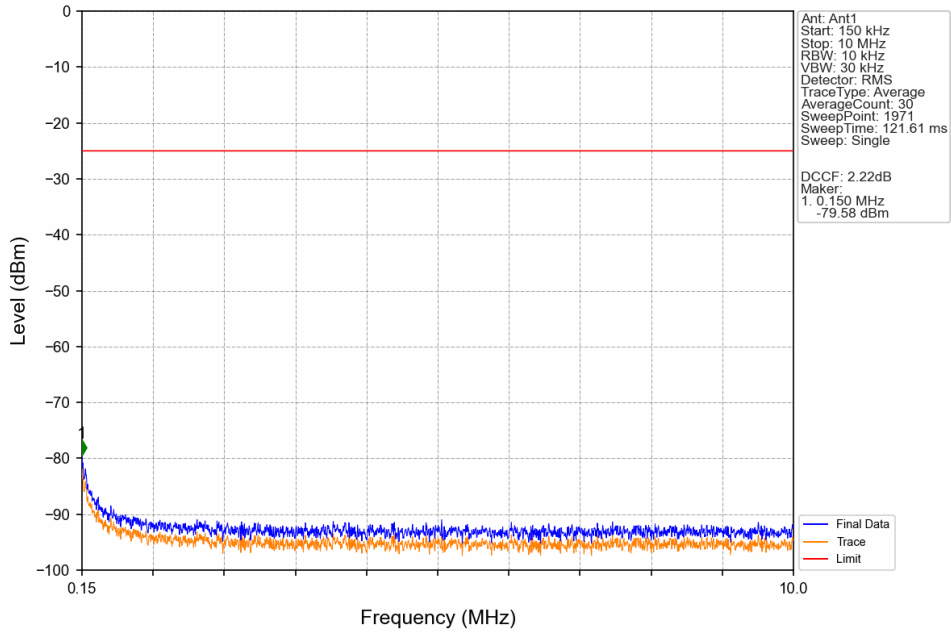


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.950	-50.85	-25	Pass
2490.5	2495	1	CHP	2	2493.245	-50.88	-13	Pass
2495	2496	0.01	/	3	2495.105	-68.56	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

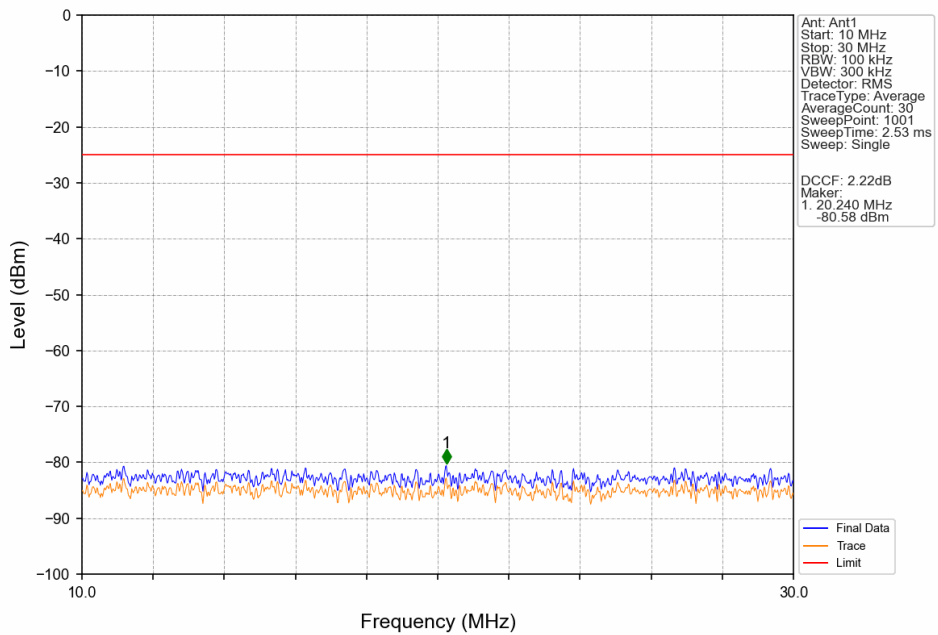
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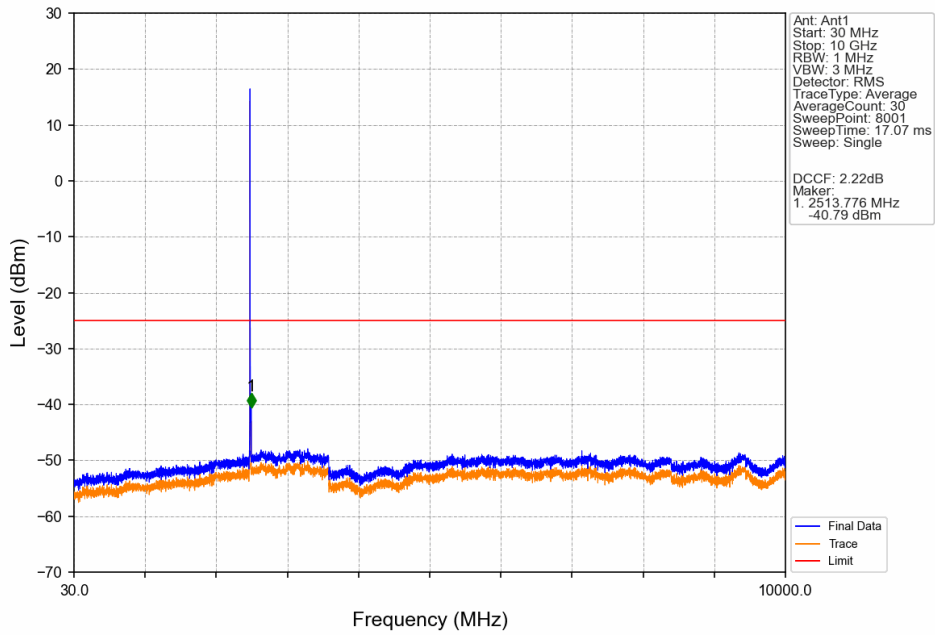
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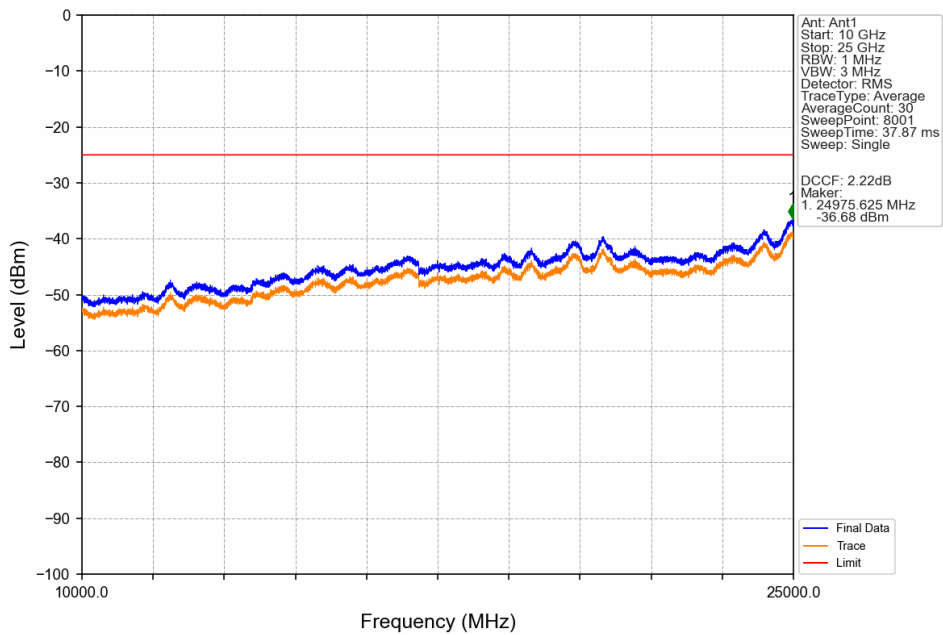
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Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

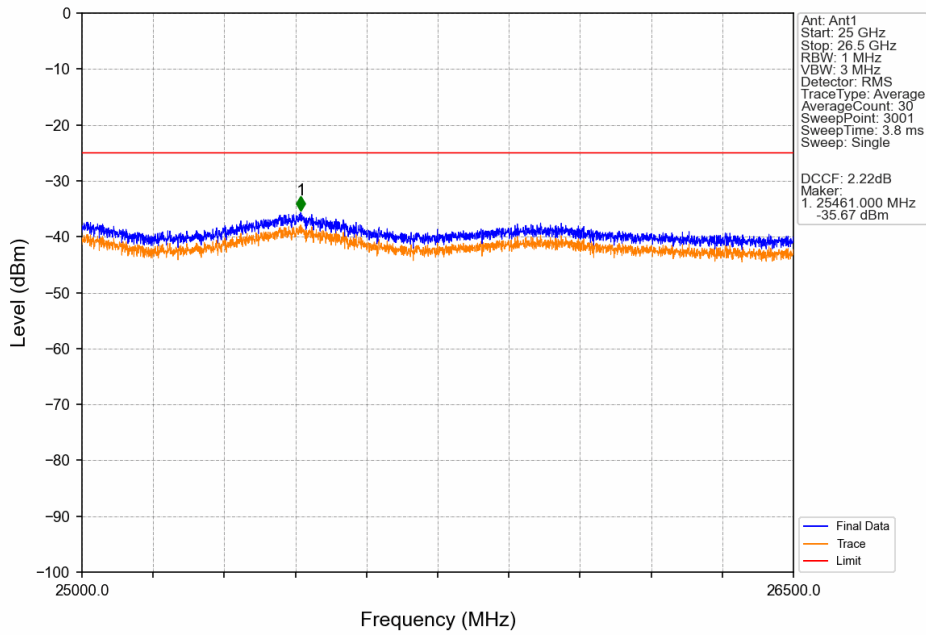


Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

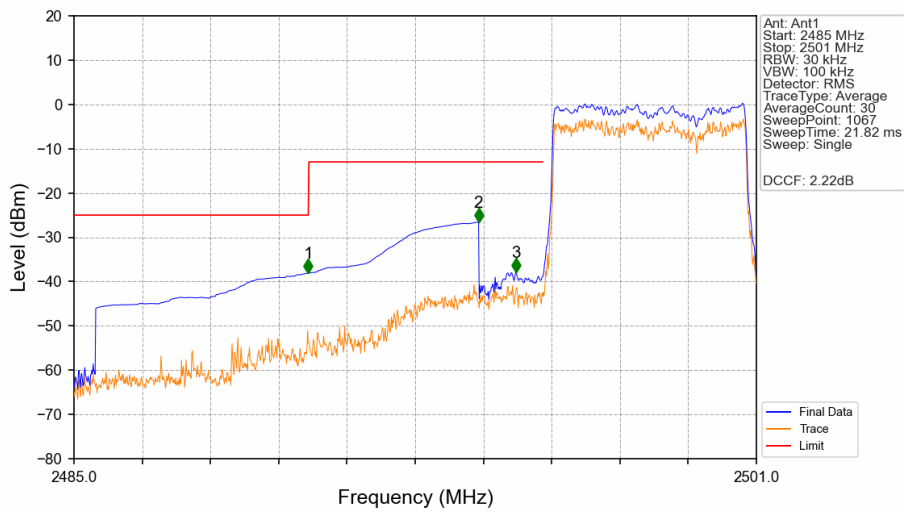




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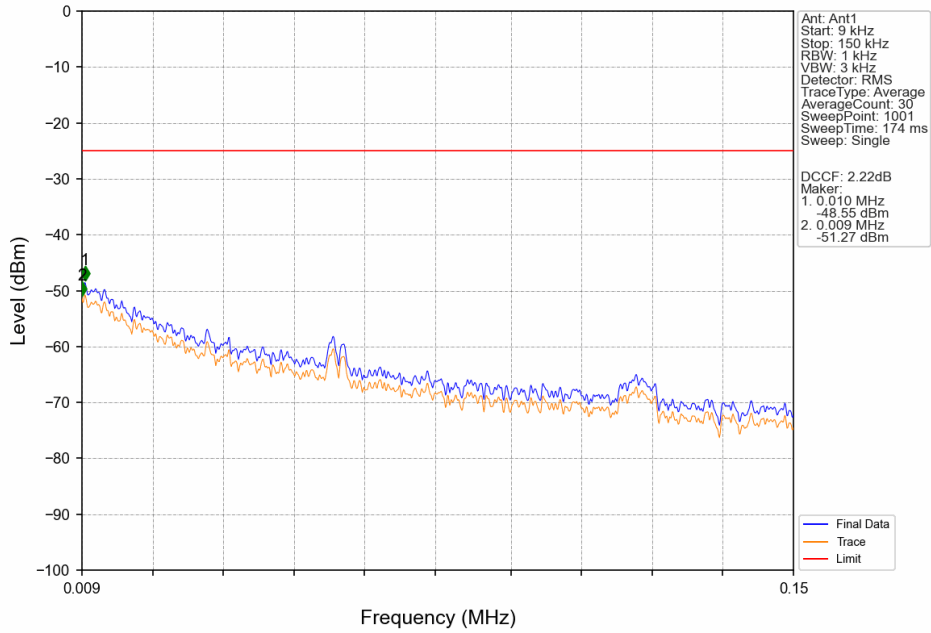


Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

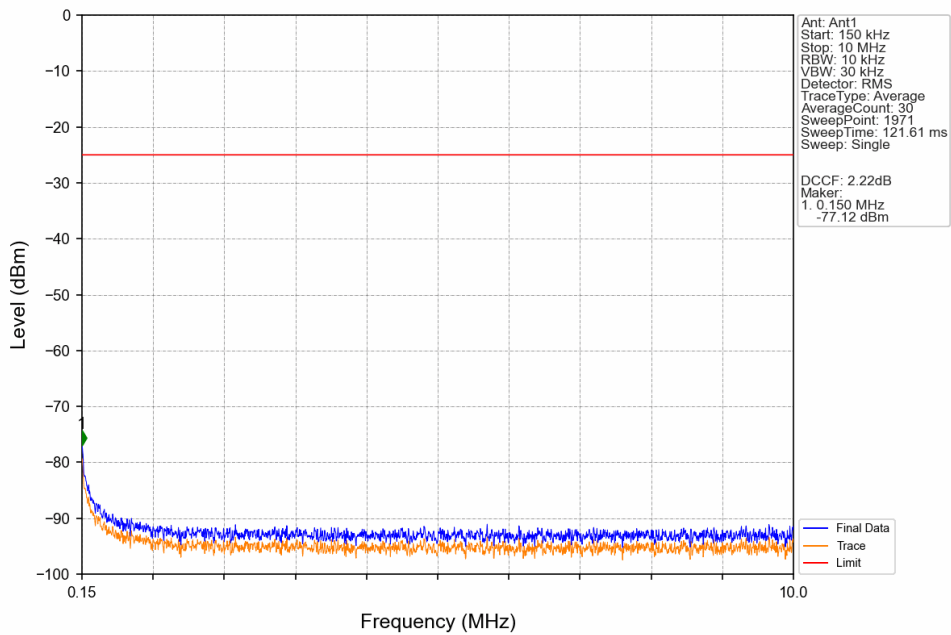


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-38.07	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-26.58	-13	Pass
2495	2496	0.051	CHP	3	2495.356	-37.91	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

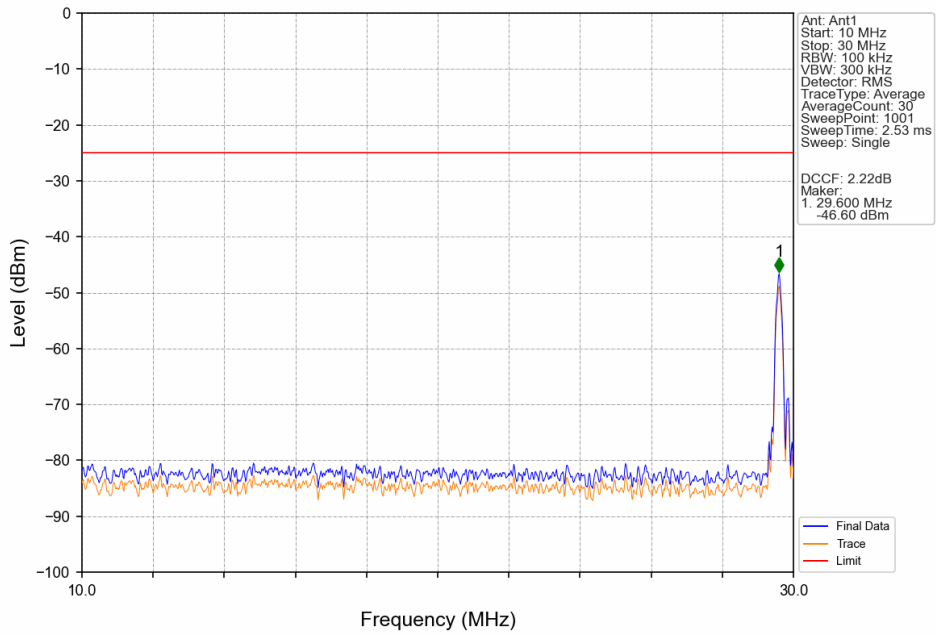
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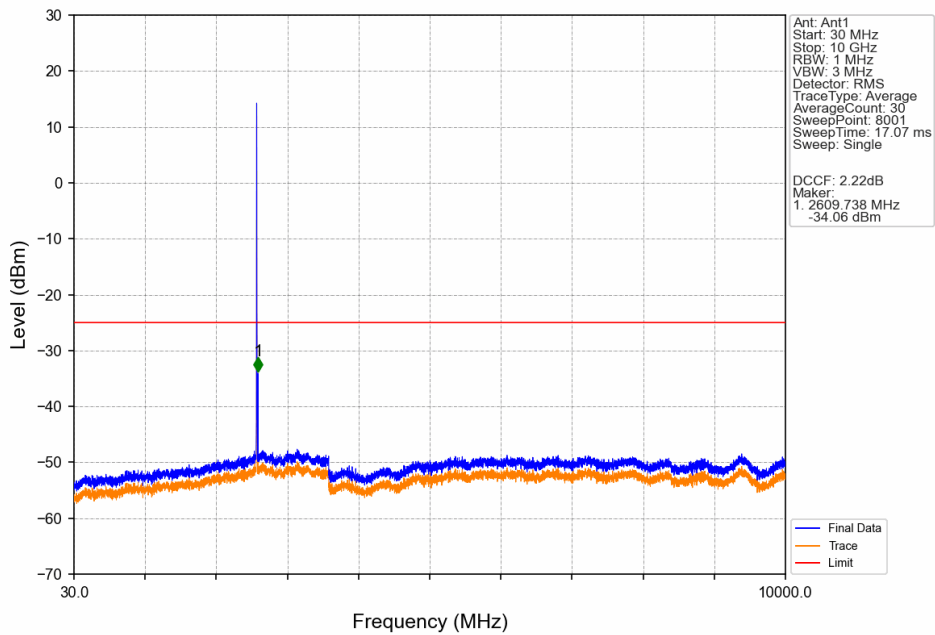
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



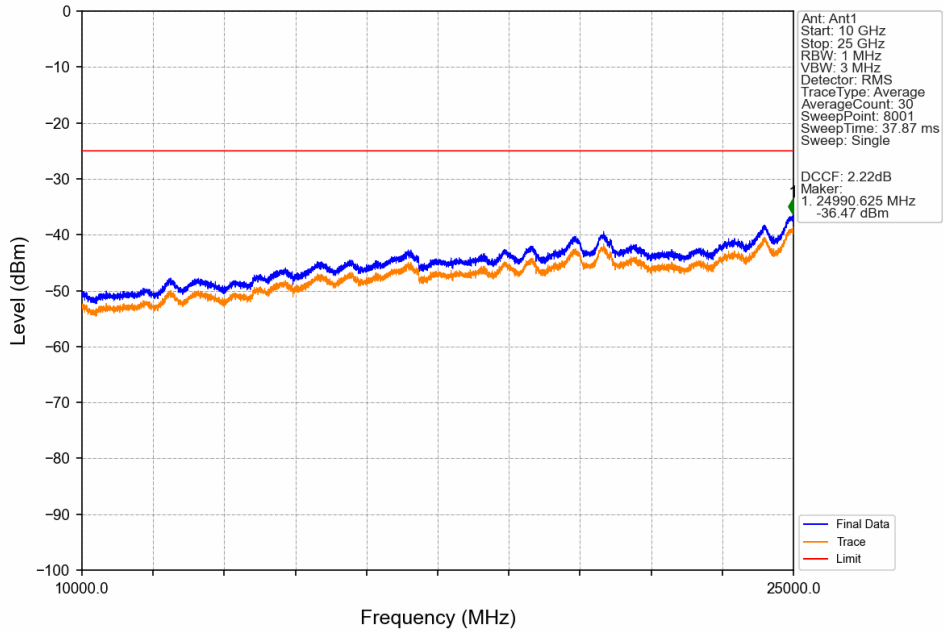
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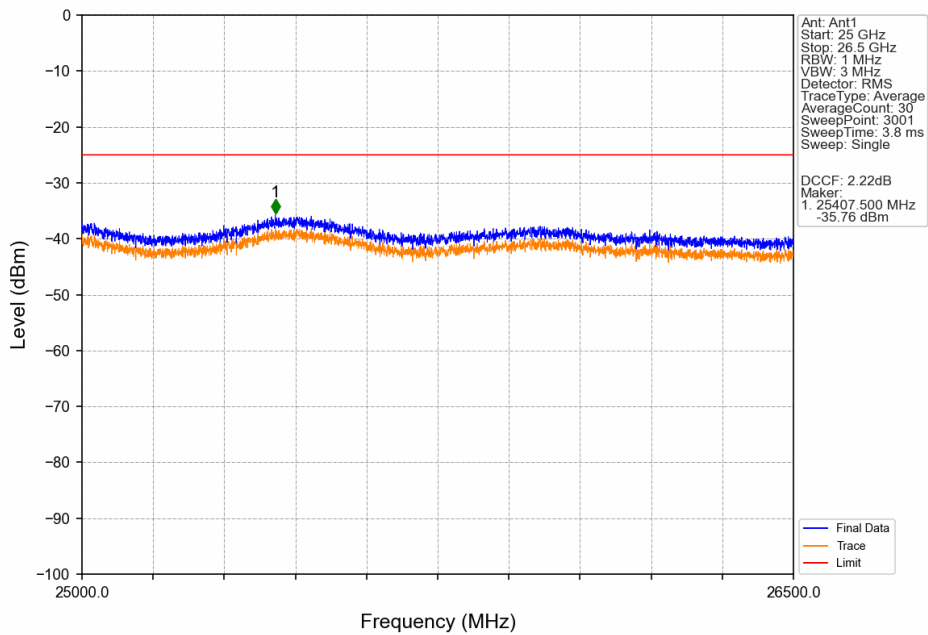
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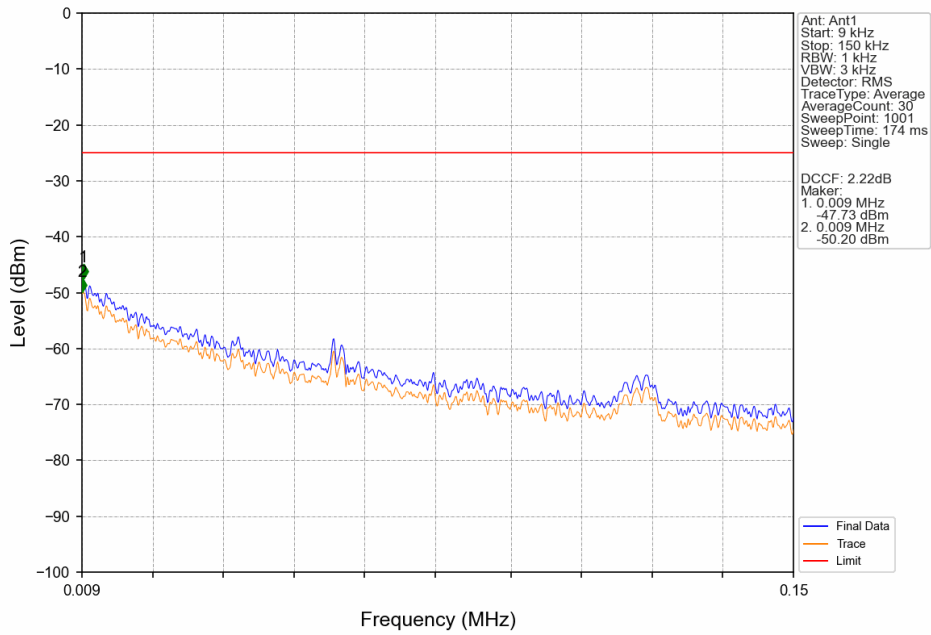
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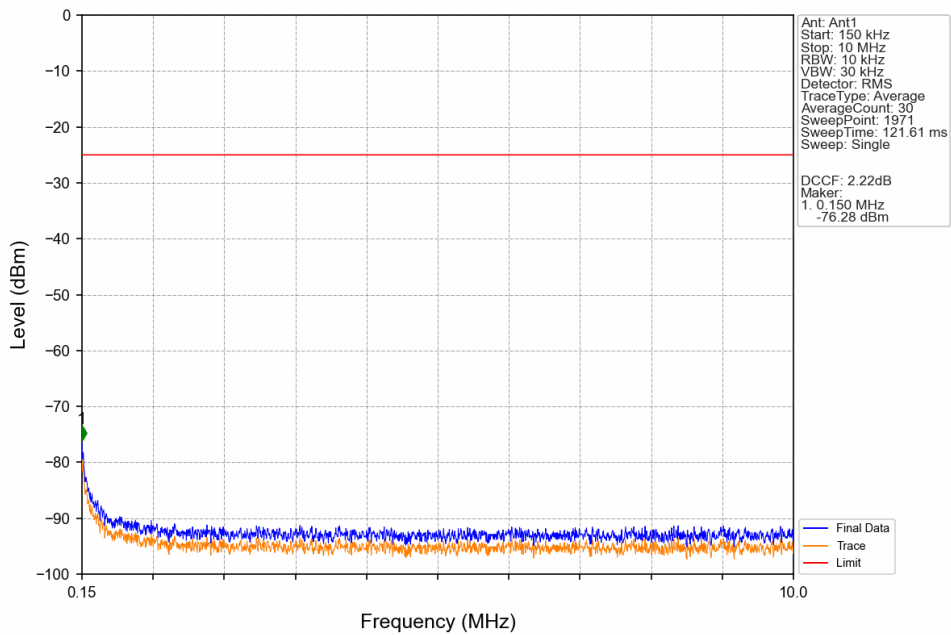
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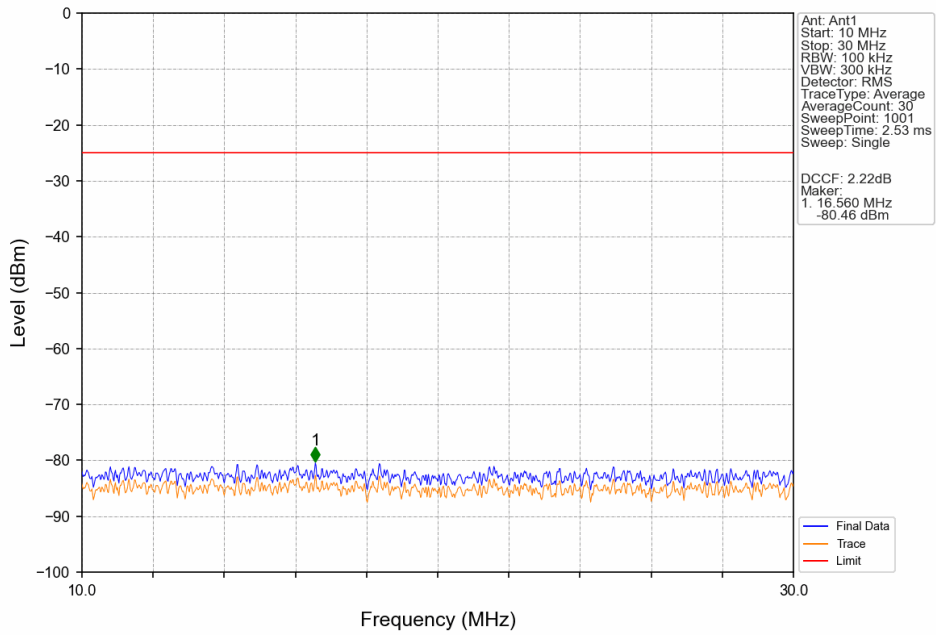
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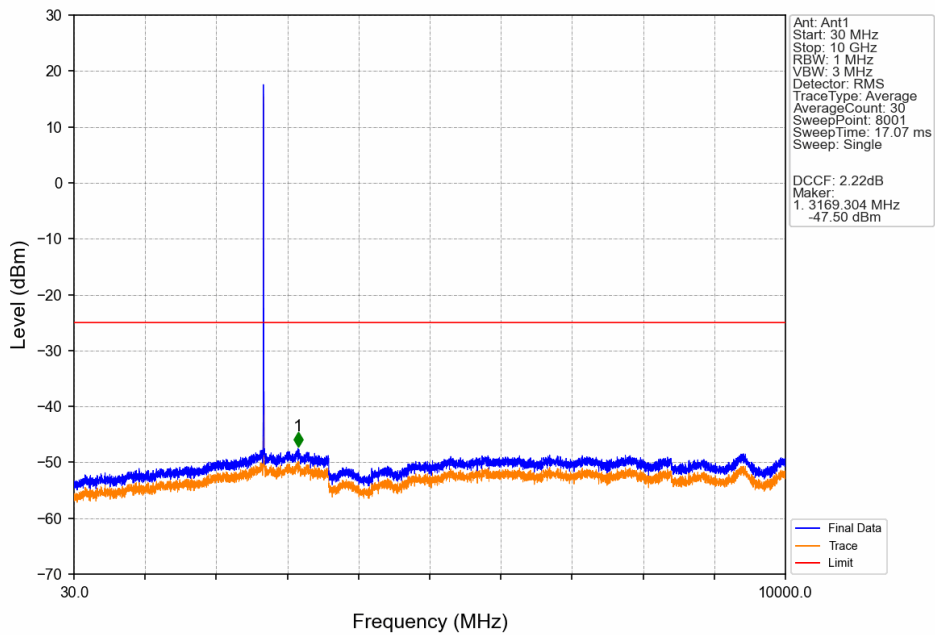
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



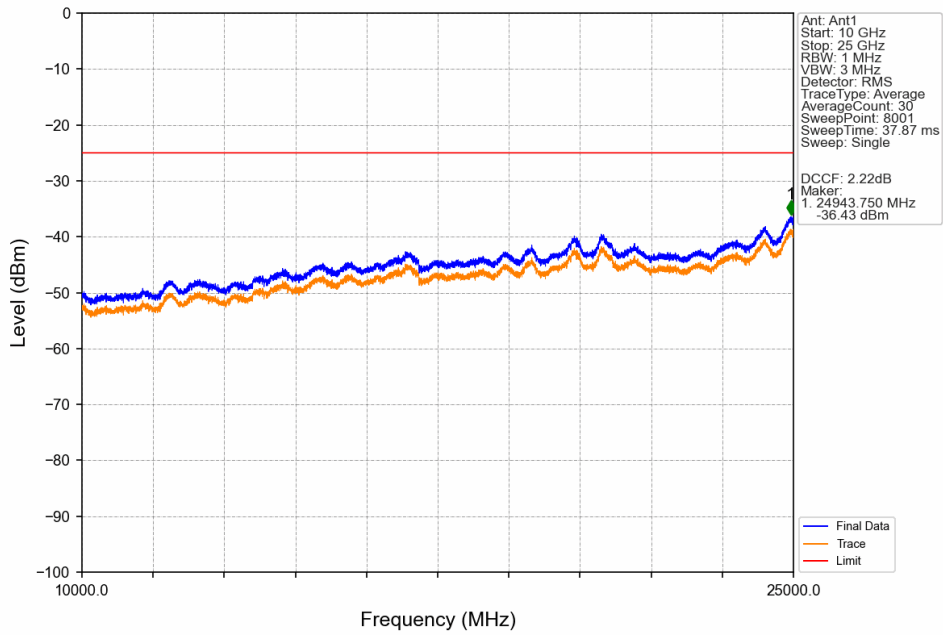
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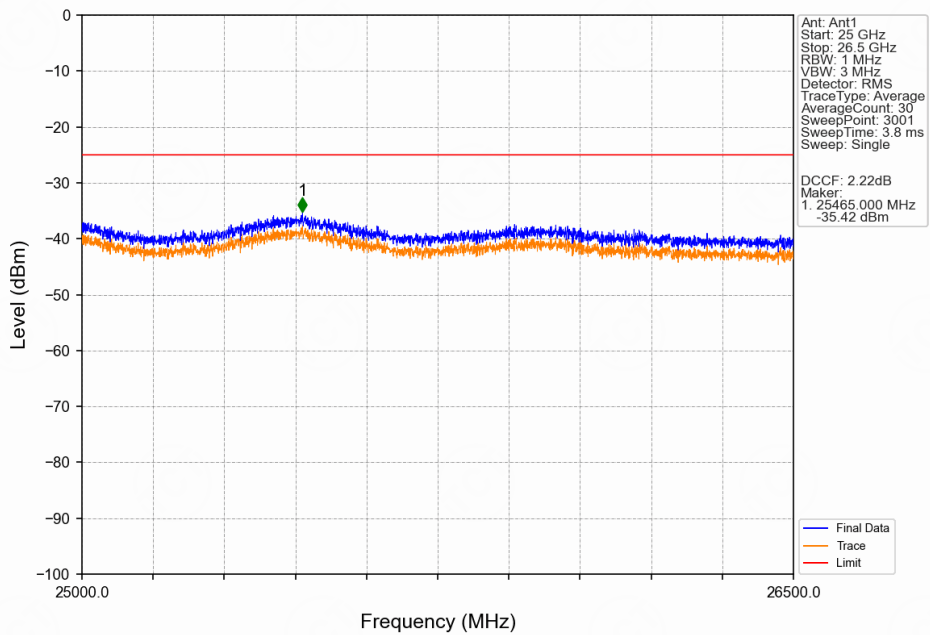
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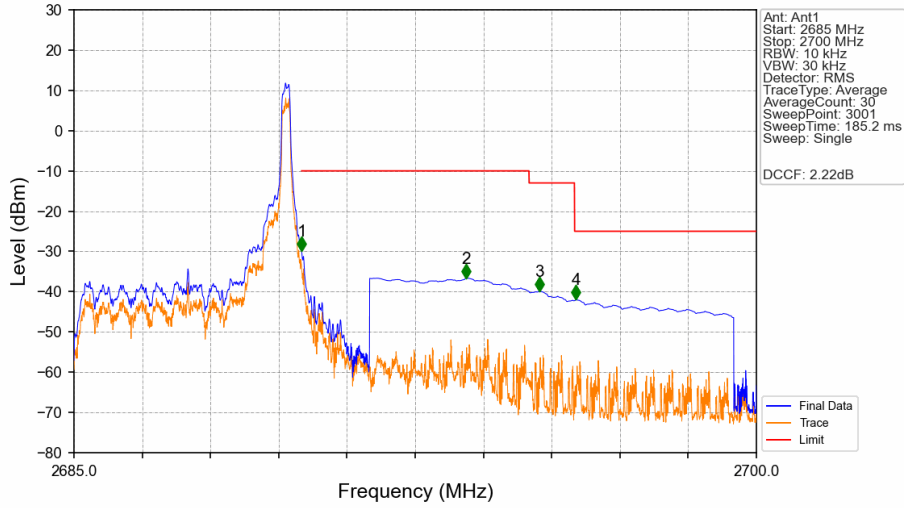
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV

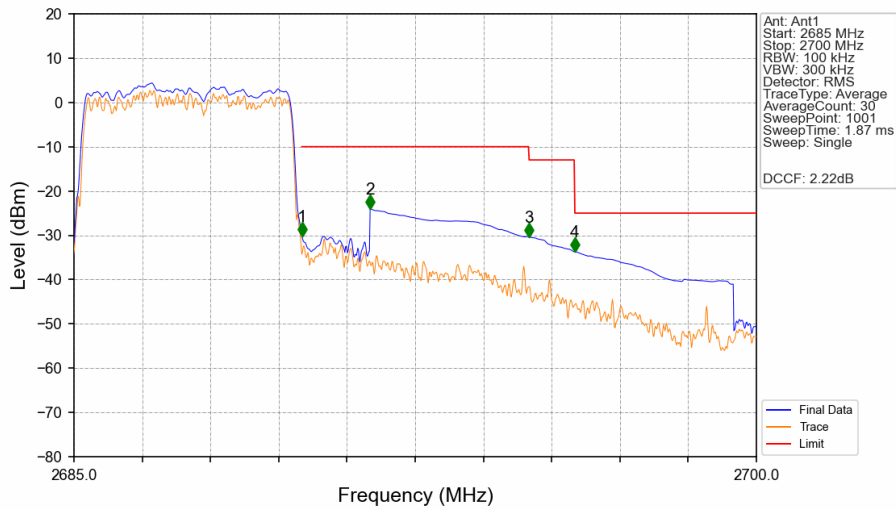


Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-29.78	-10	Pass
2691	2695	1	CHP	2	2693.620	-36.65	-10	Pass
2695	2696	1	CHP	3	2695.225	-39.85	-13	Pass
2696	2700	1	CHP	4	2696.035	-41.95	-25	Pass

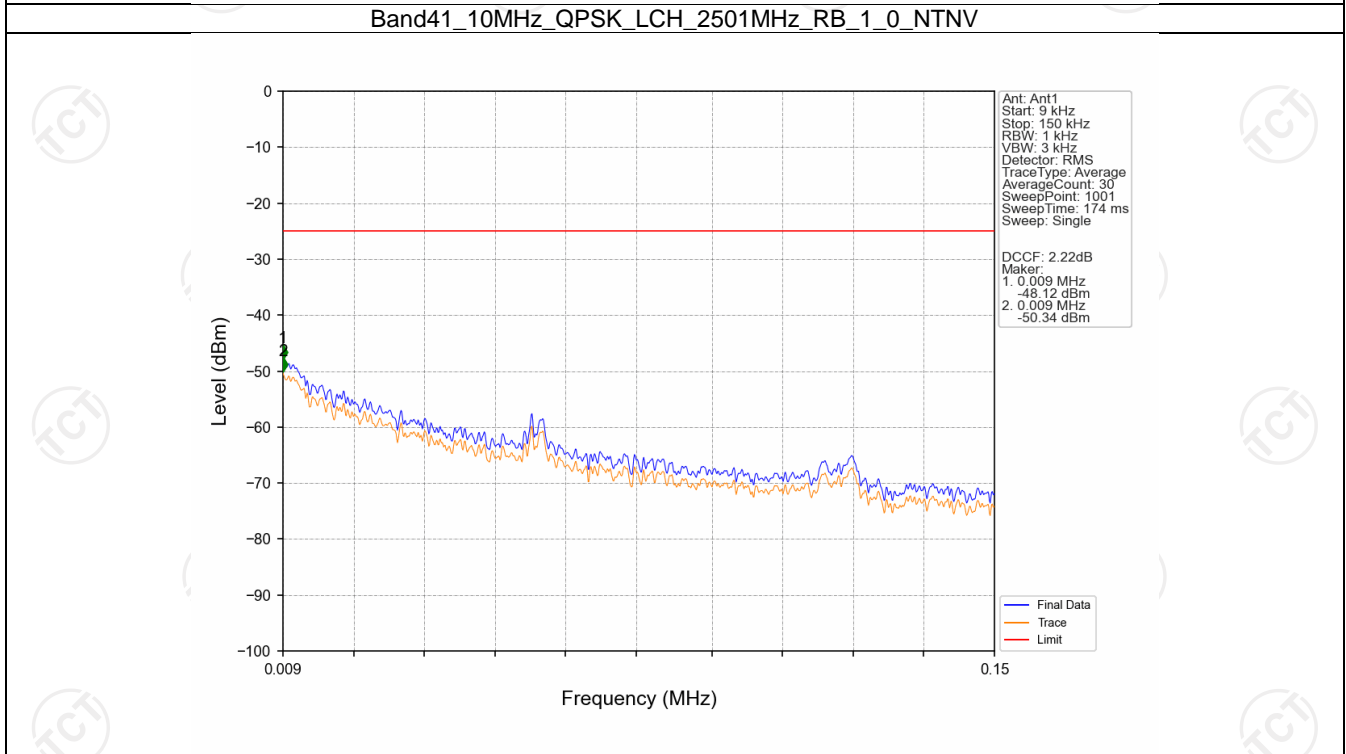
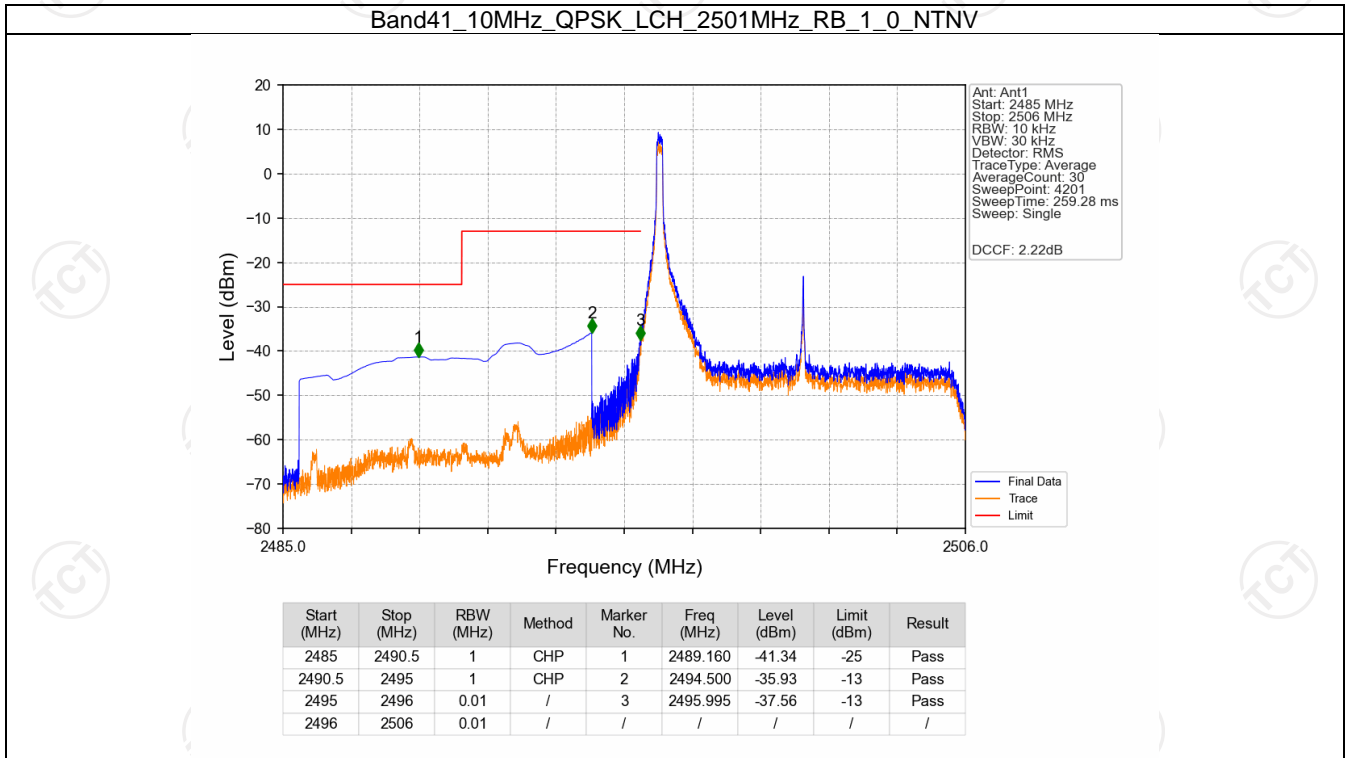
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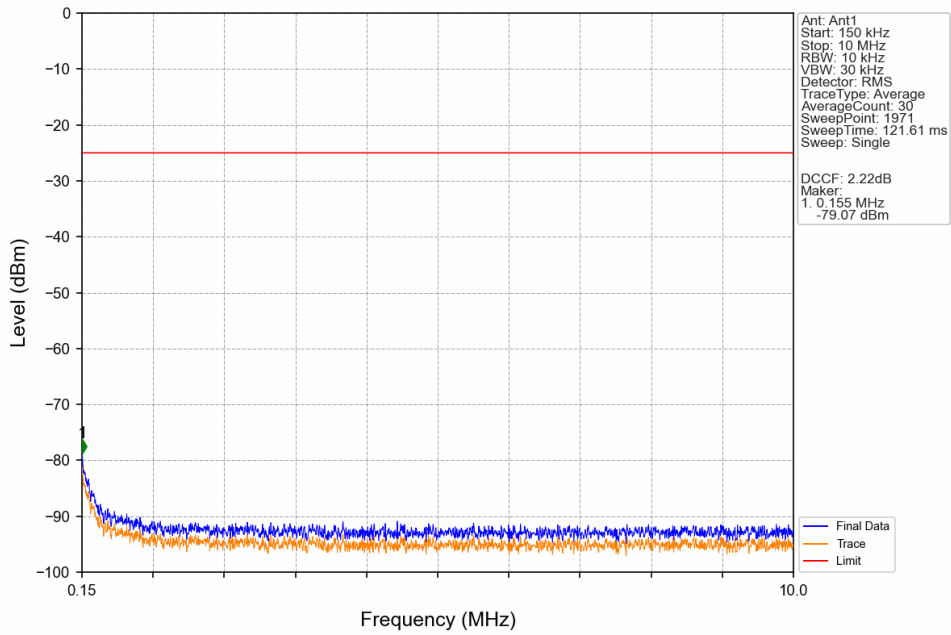
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.114	CHP	/	/	/	/	/
2690	2691	0.114	CHP	1	2690.010	-30.14	-10	Pass
2691	2695	1	CHP	2	2691.510	-24.03	-10	Pass
2695	2696	1	CHP	3	2695.005	-30.38	-13	Pass
2696	2700	1	CHP	4	2696.010	-33.74	-25	Pass



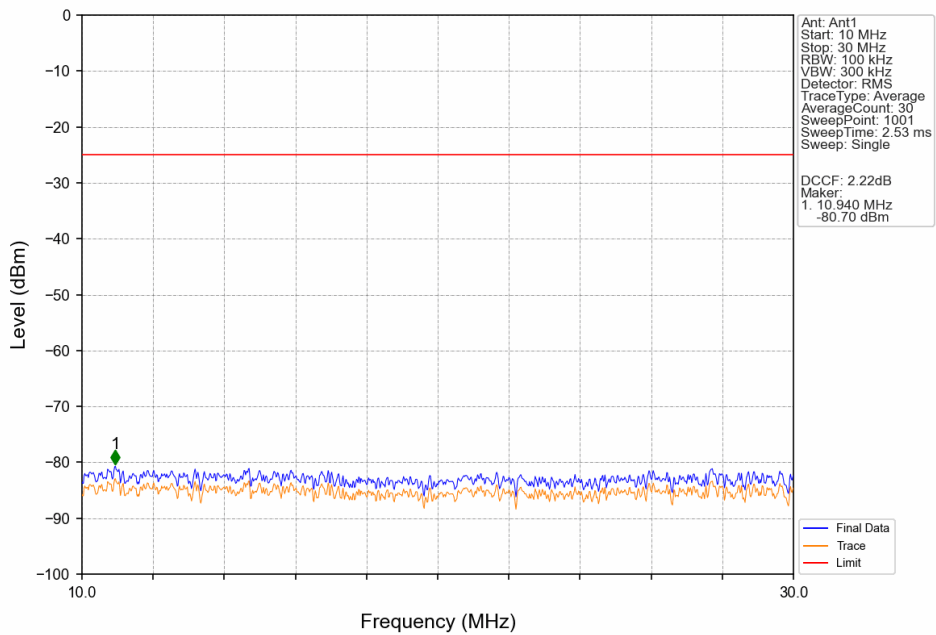
6.2.2 B41\_10MHz



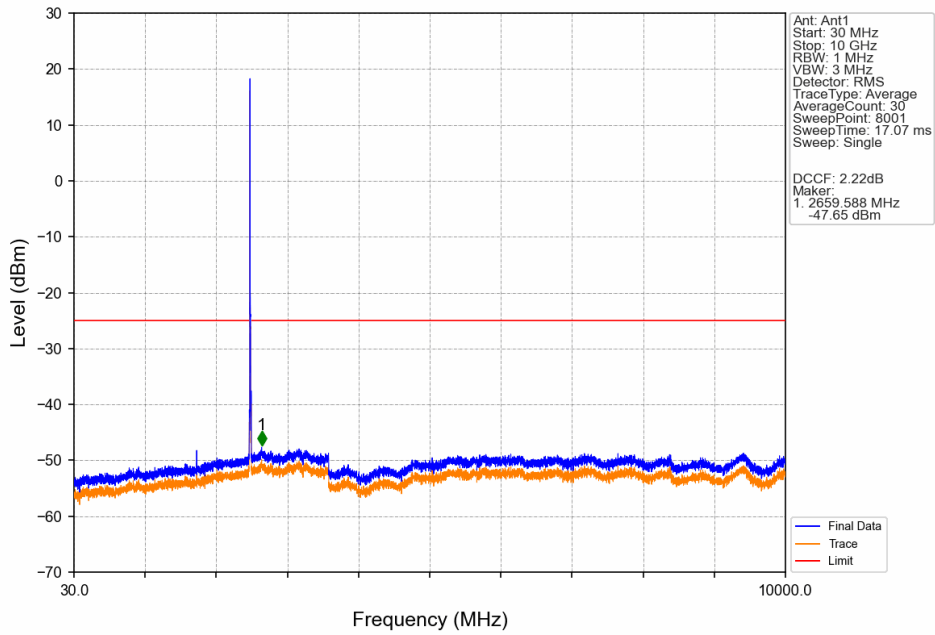
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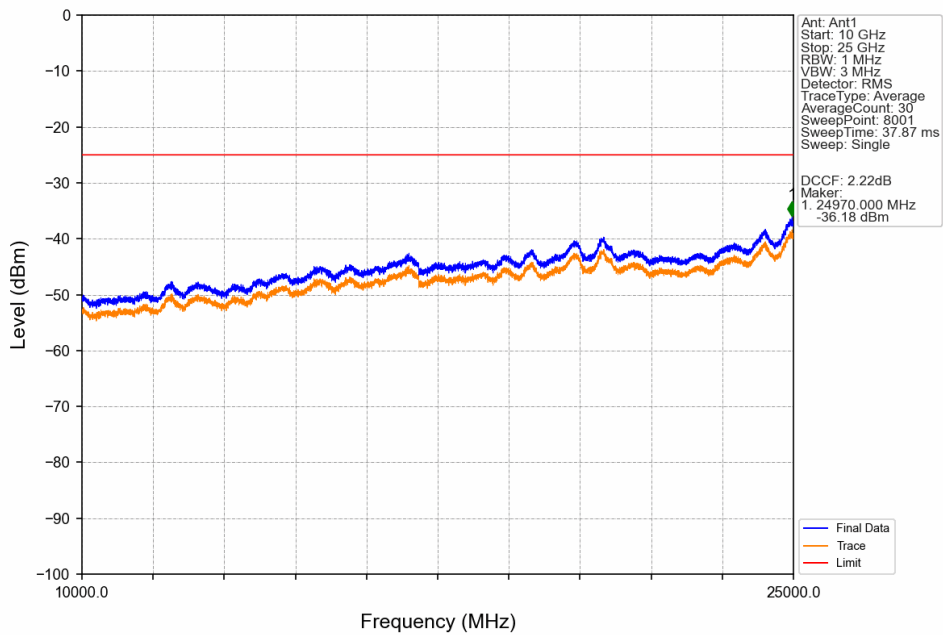
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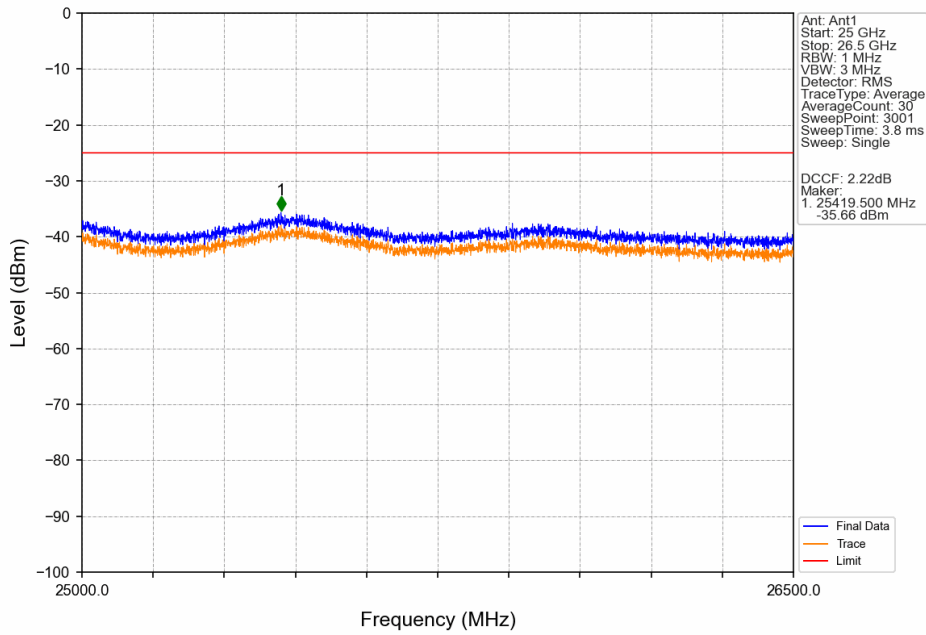
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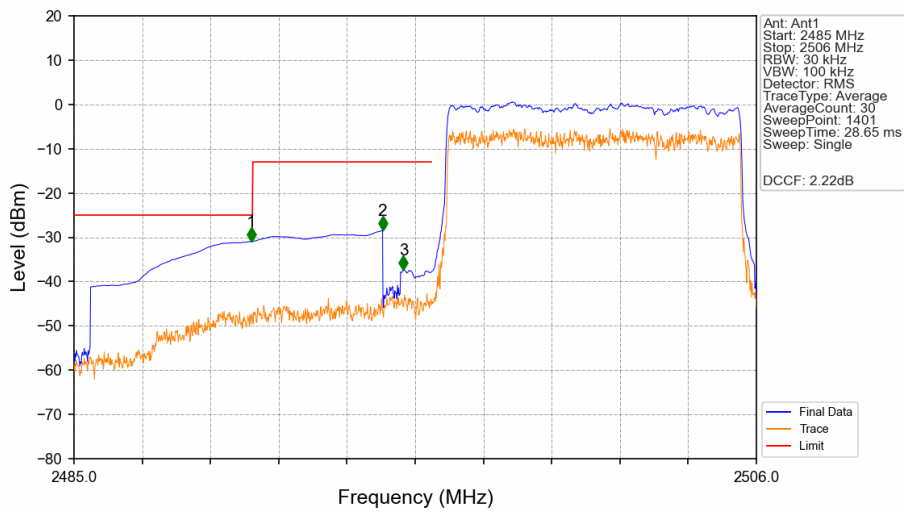
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV

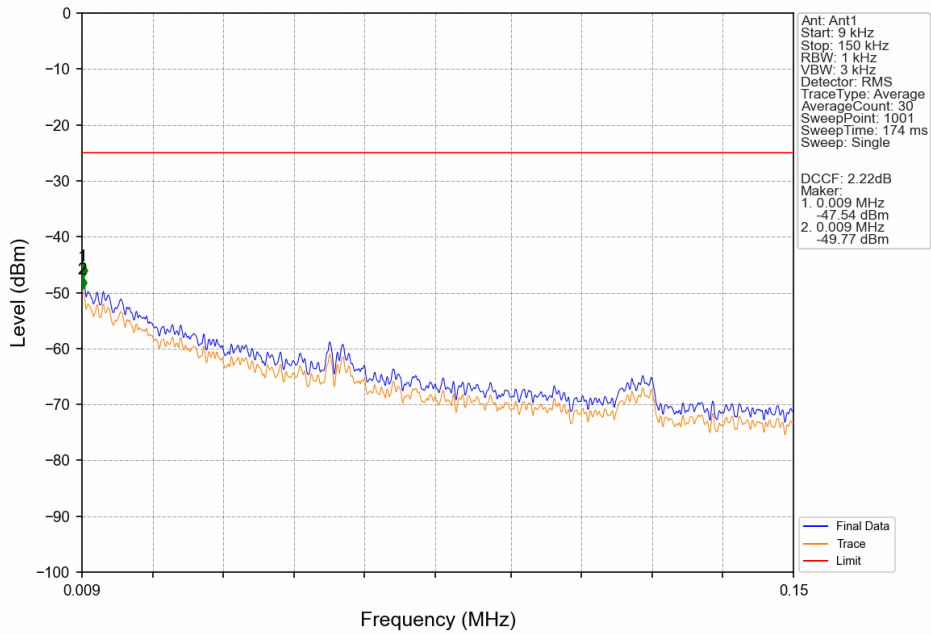


Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV

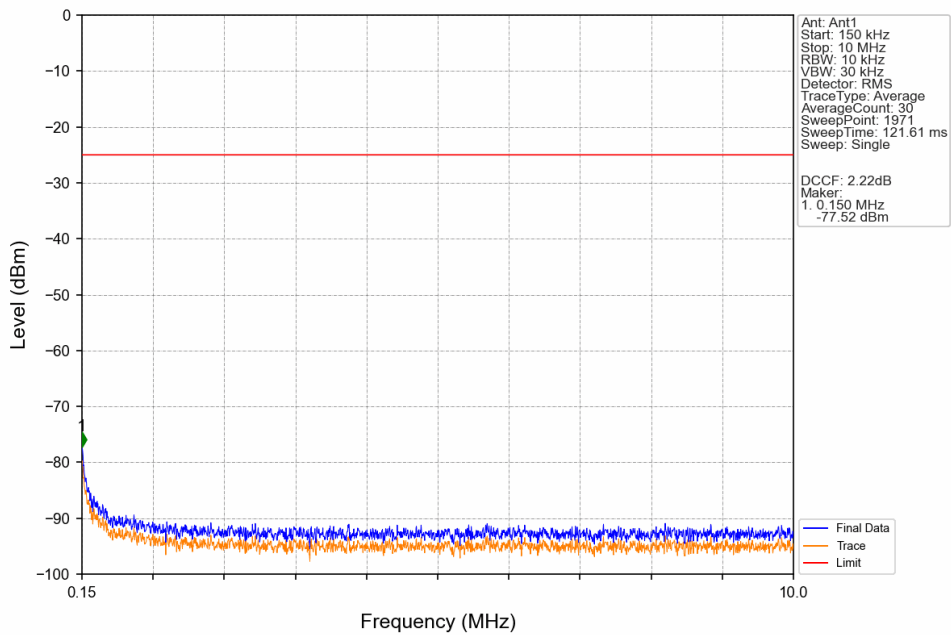


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-30.94	-25	Pass
2490.5	2495	1	CHP	2	2494.495	-28.45	-13	Pass
2495	2496	0.099	CHP	3	2495.140	-37.40	-13	Pass
2496	2506	0.099	CHP	/	/	/	/	/

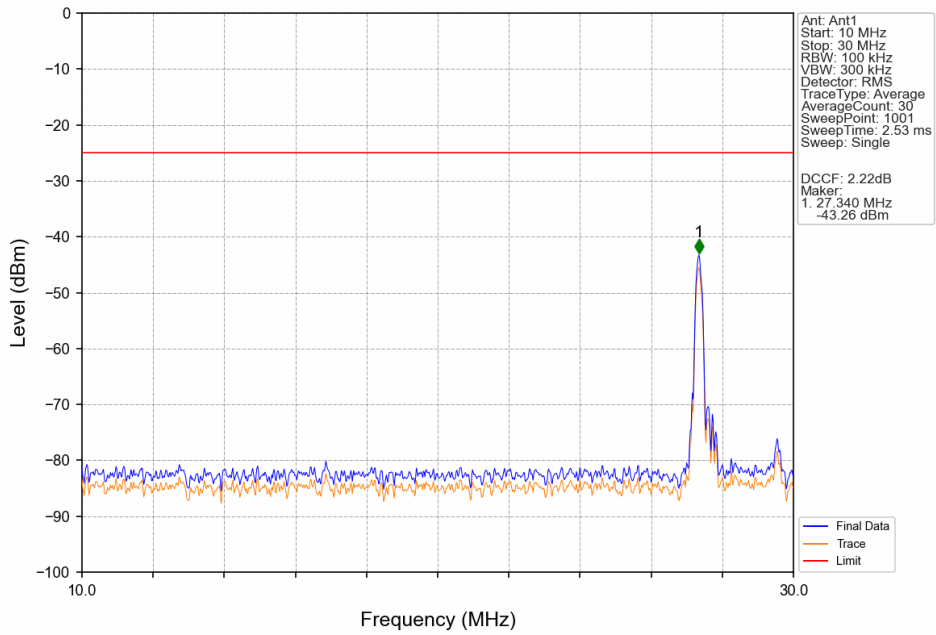
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



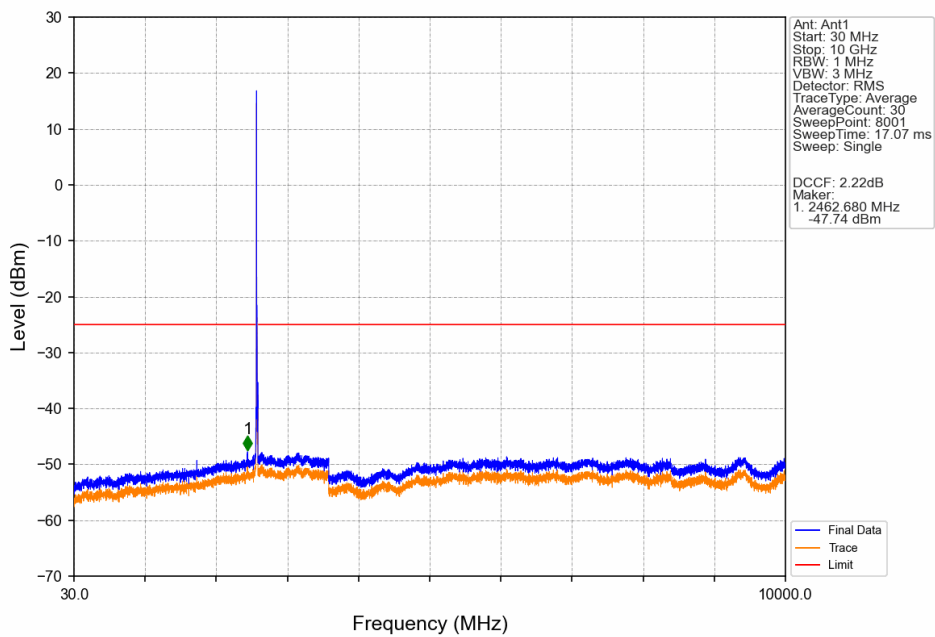
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



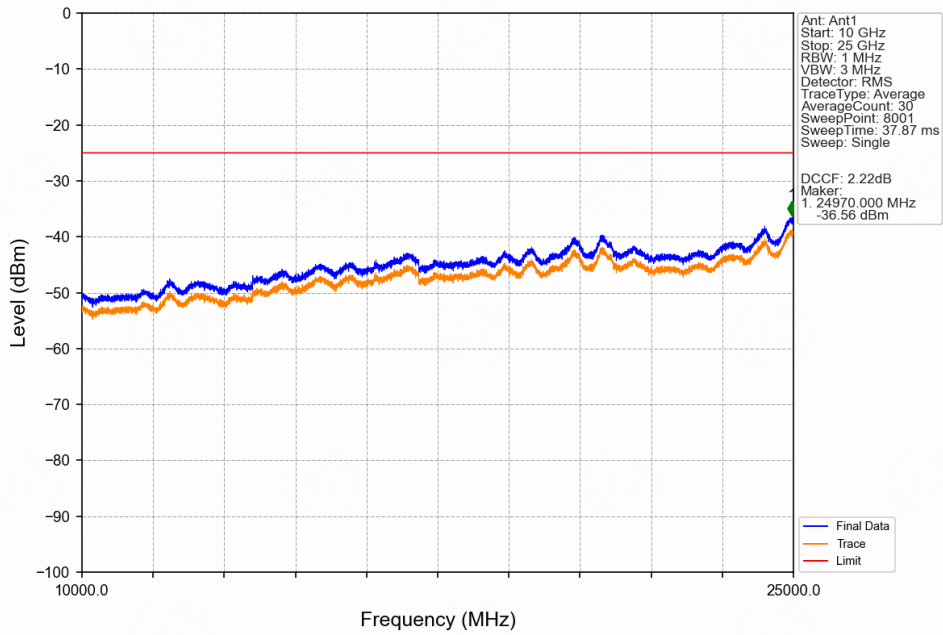
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



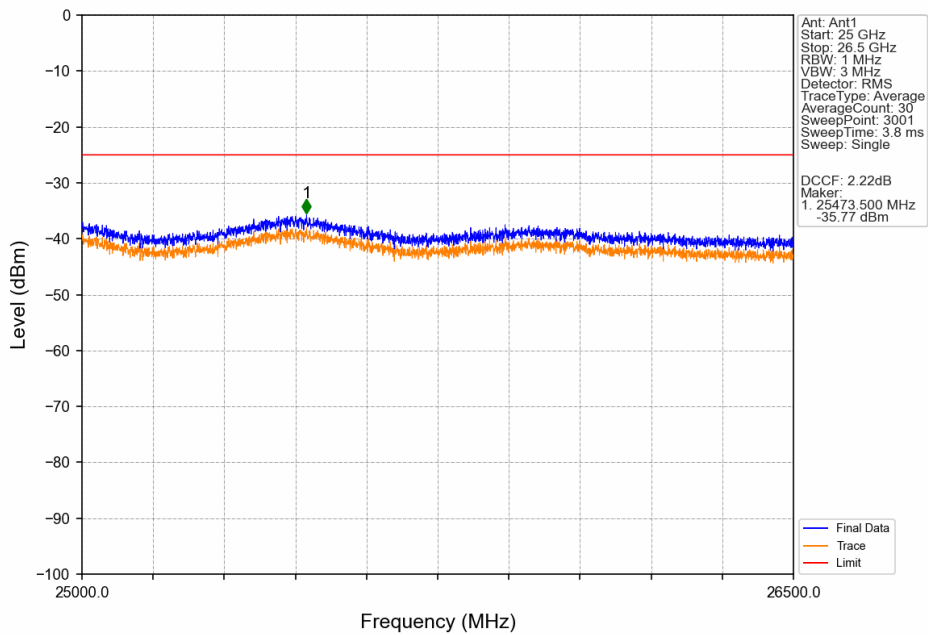
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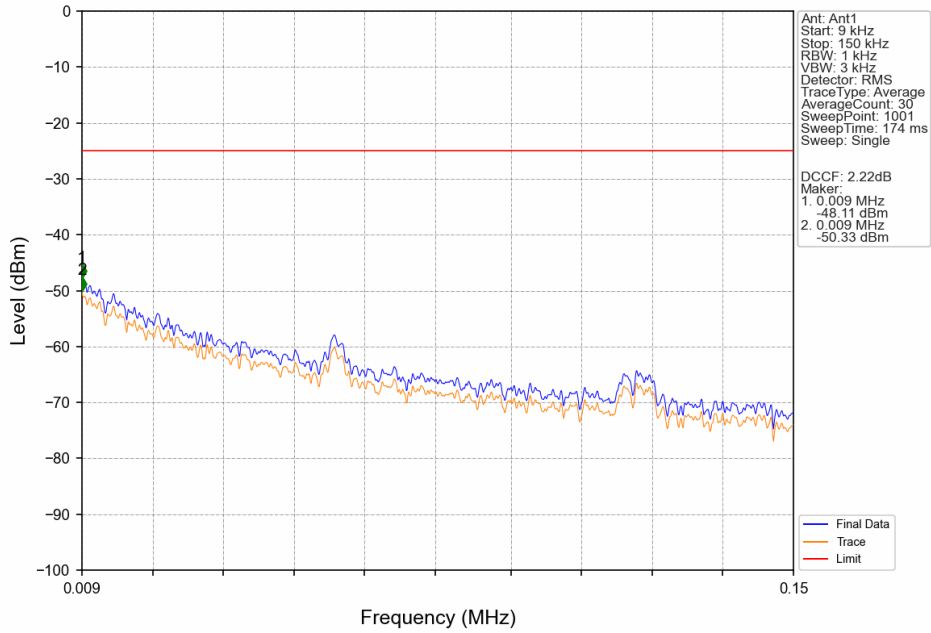
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



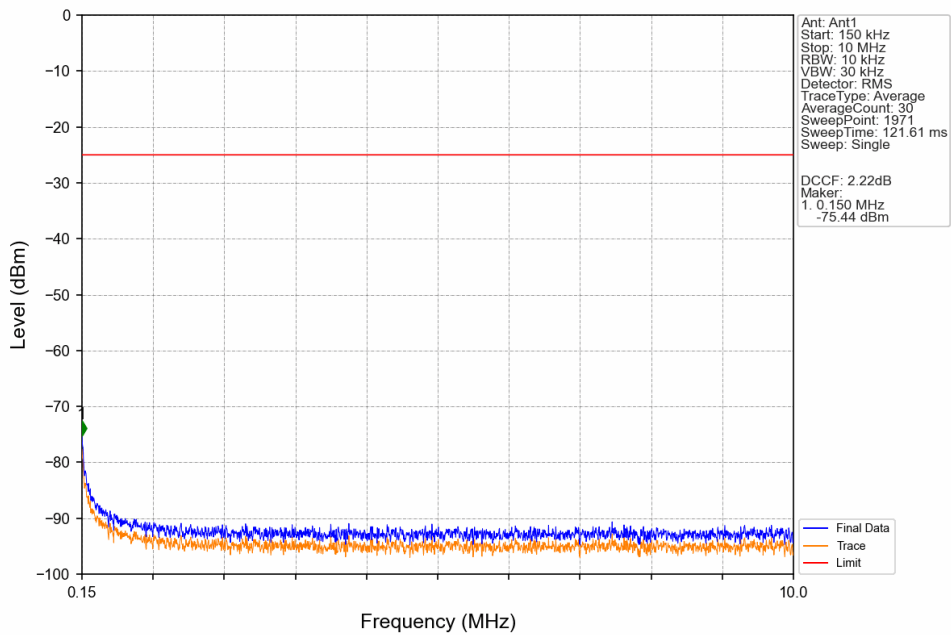
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV

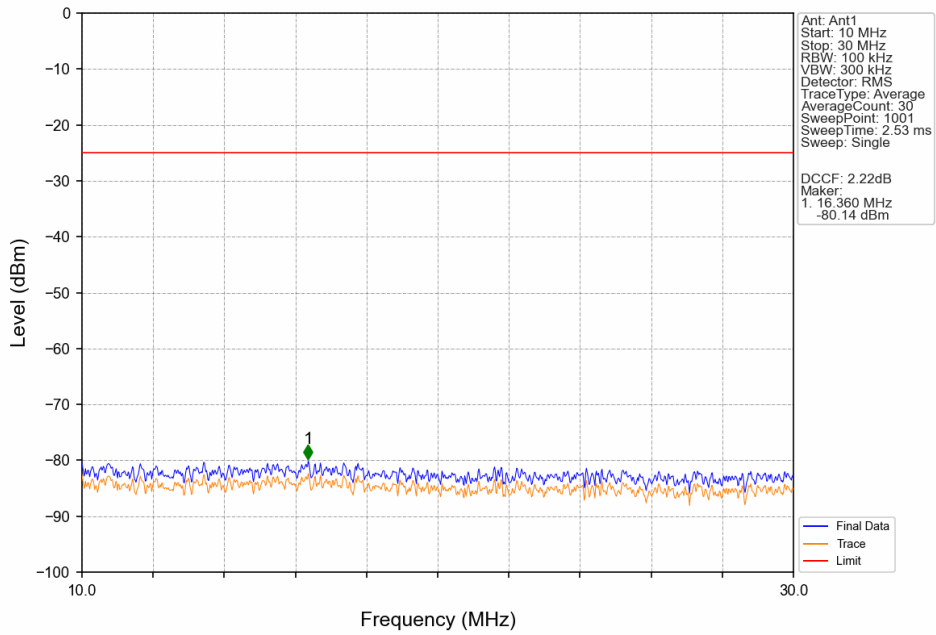


Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV

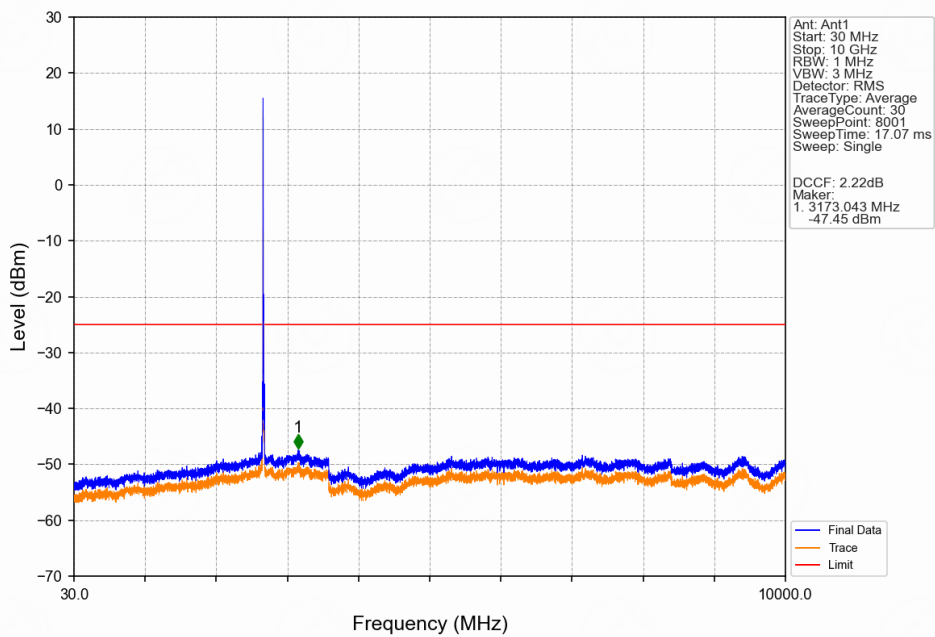




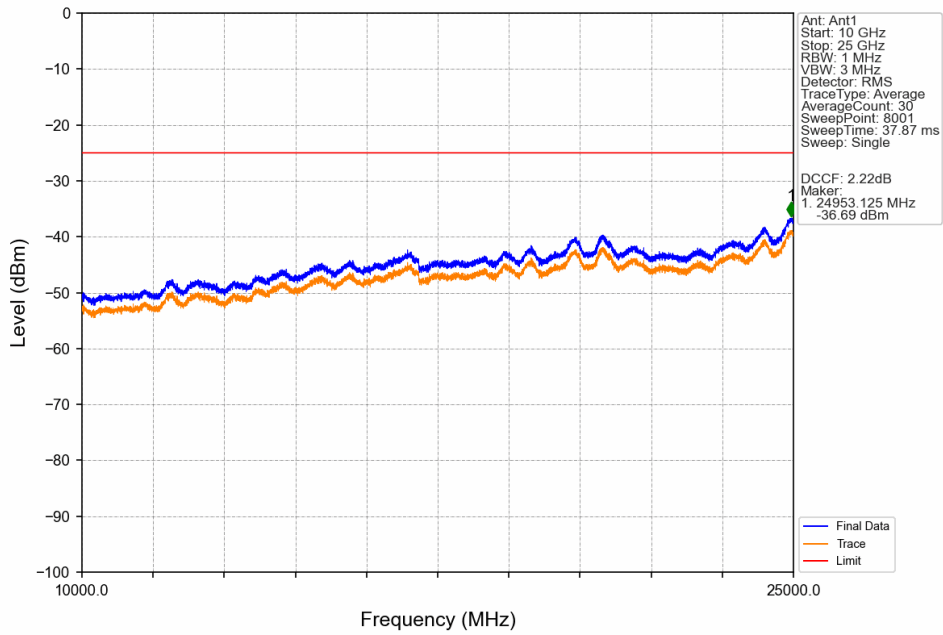
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



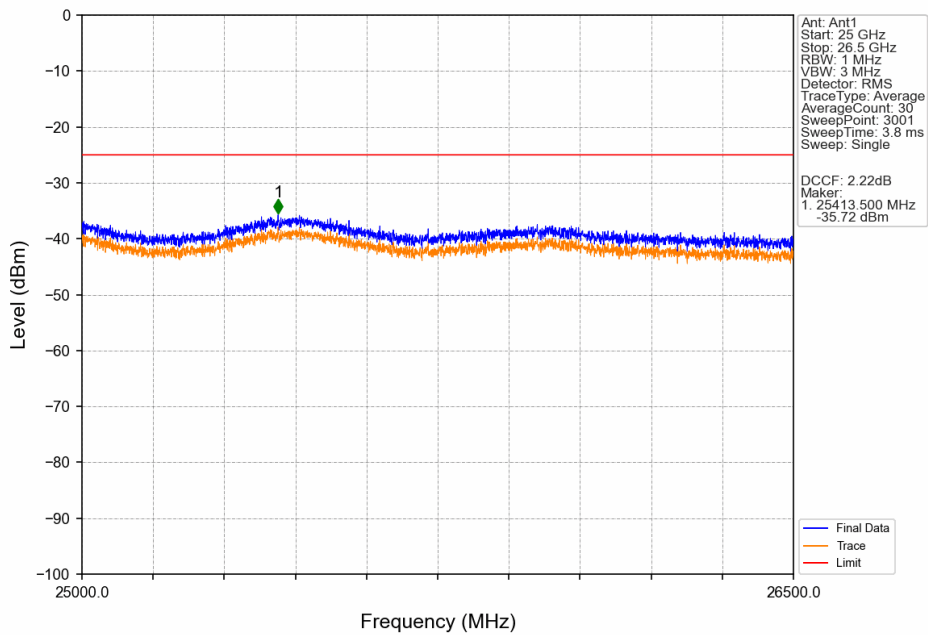
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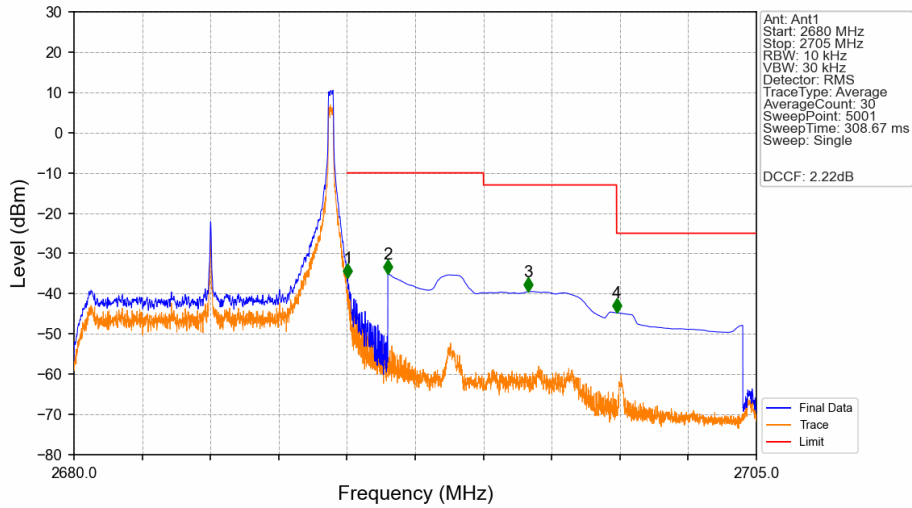
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV

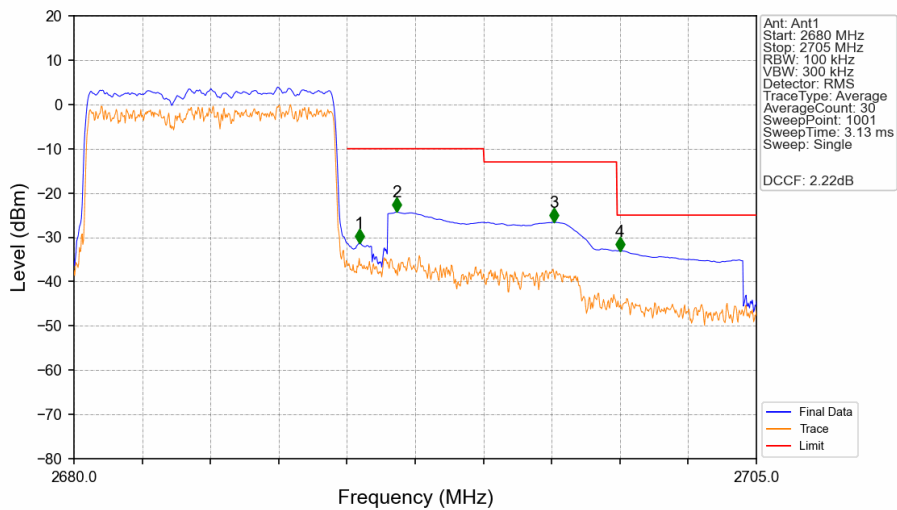


Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_49\_NTNV



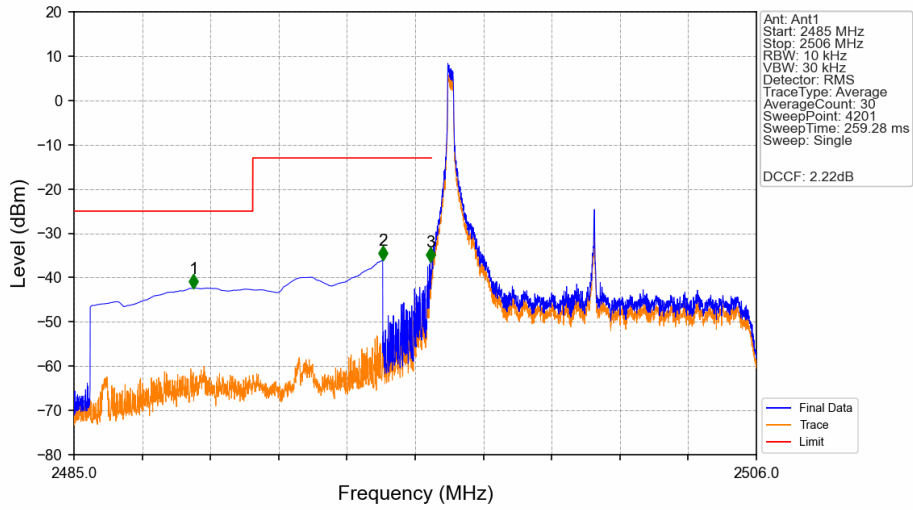
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.020	-36.13	-10	Pass
2691	2695	1	CHP	2	2691.500	-35.04	-10	Pass
2695	2699.878	1	CHP	3	2696.650	-39.46	-13	Pass
2699.878	2705	1	CHP	4	2699.880	-44.75	-25	Pass

Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



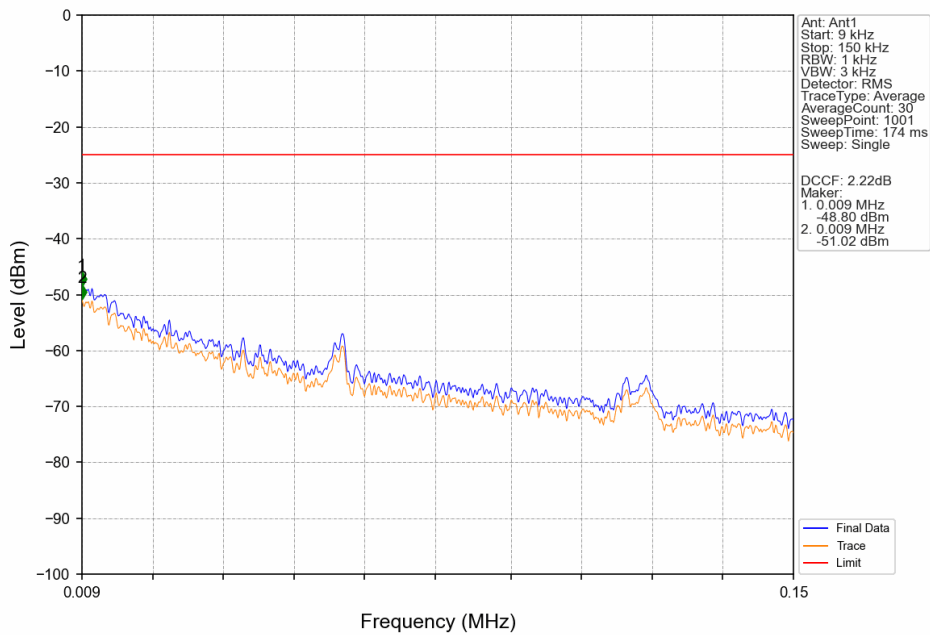
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.198	CHP	/	/	/	/	/
2690	2691	0.198	CHP	1	2690.450	-31.36	-10	Pass
2691	2695	1	CHP	2	2691.825	-24.26	-10	Pass
2695	2699.878	1	CHP	3	2697.575	-26.62	-13	Pass
2699.878	2705	1	CHP	4	2700.000	-33.07	-25	Pass

Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV

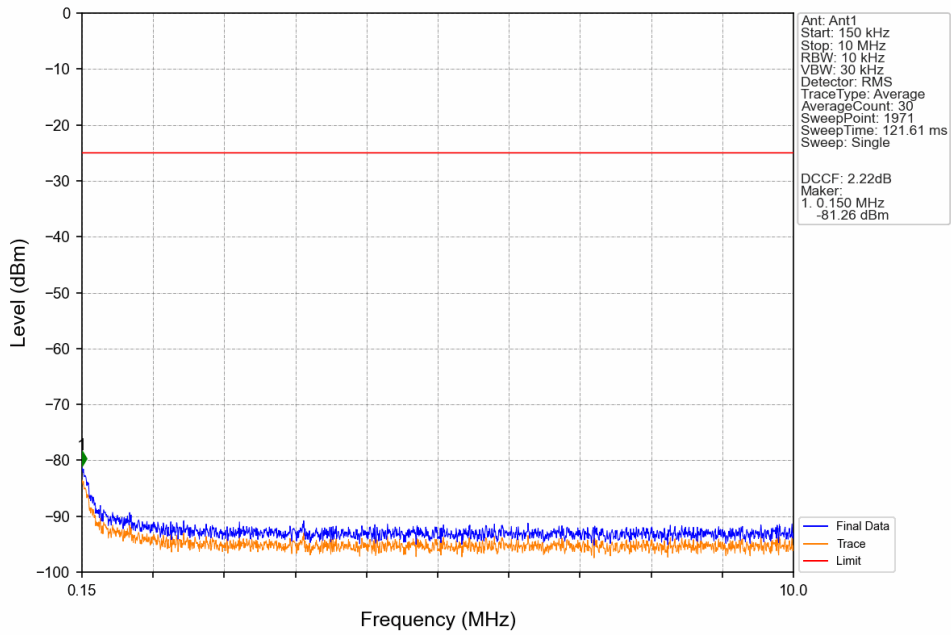


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.680	-42.34	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-36.04	-13	Pass
2495	2496	0.01	/	3	2495.960	-36.39	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

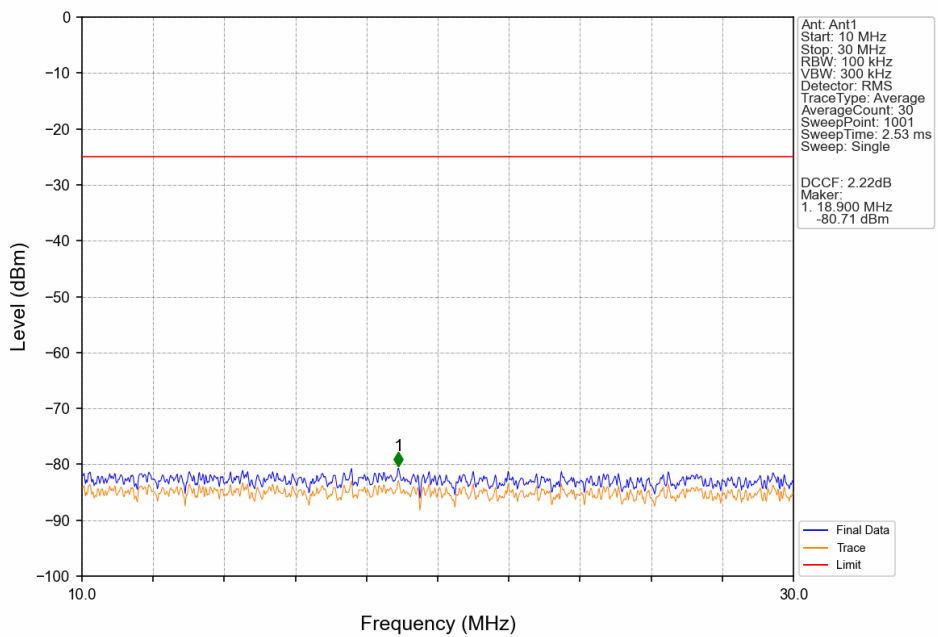
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



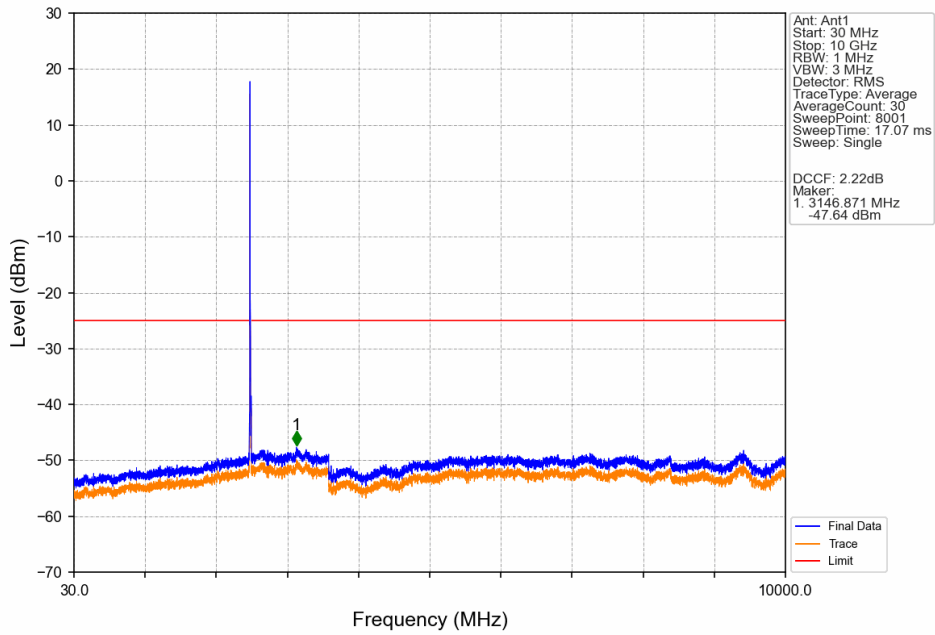
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



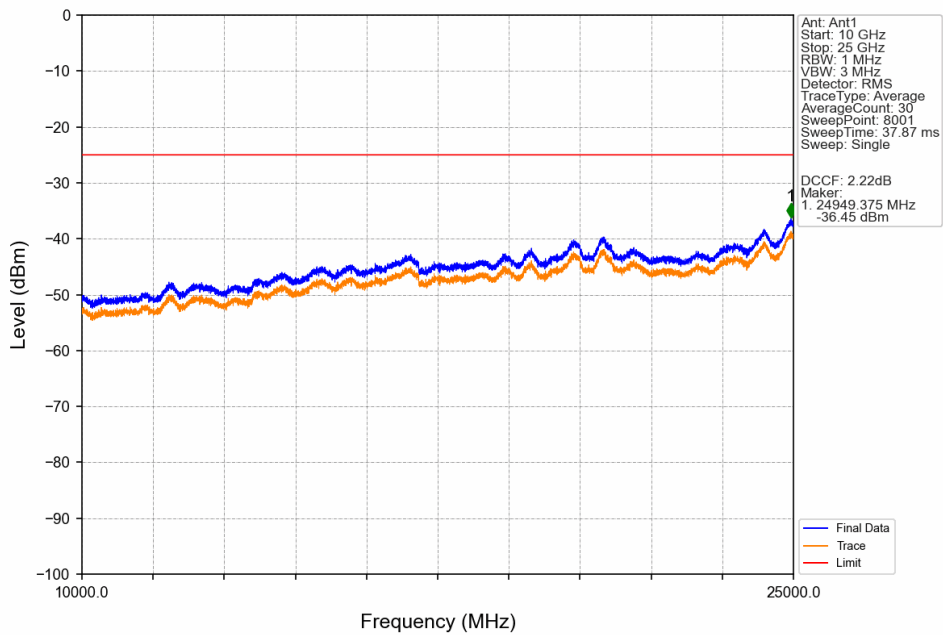
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



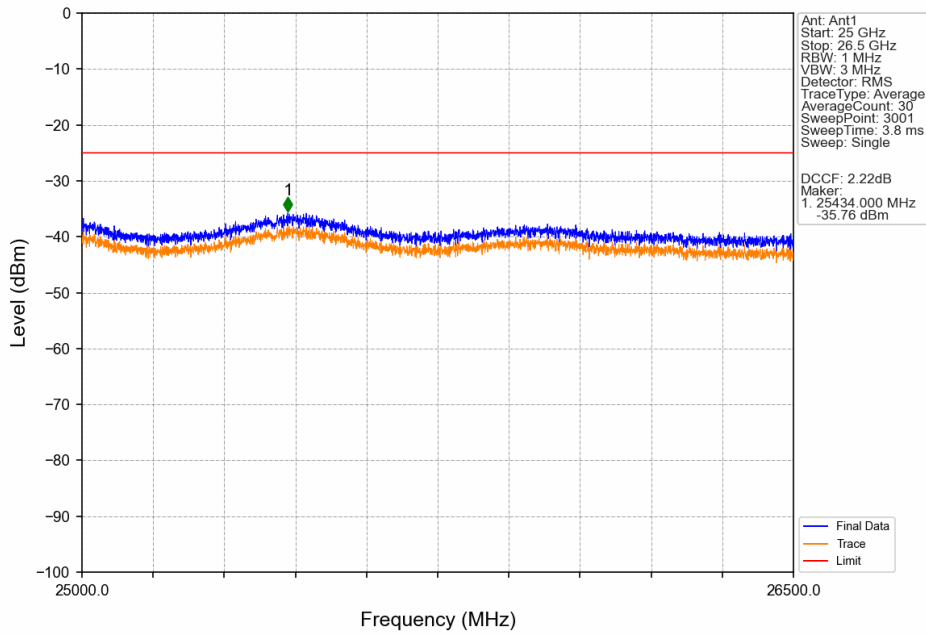
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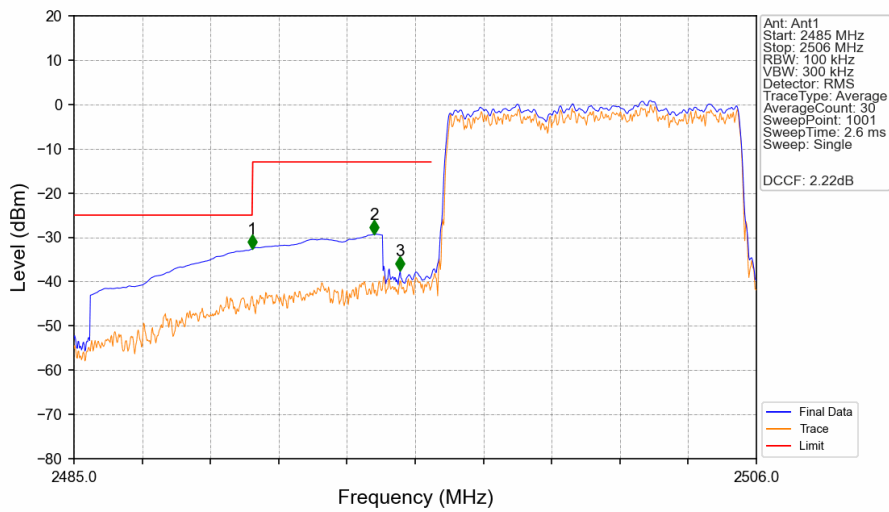
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV

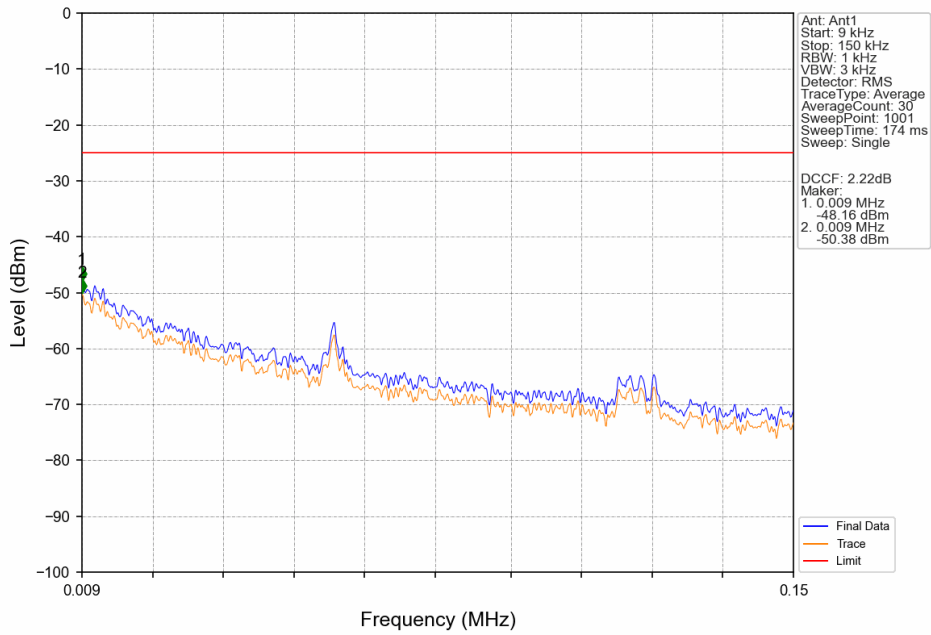


Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV

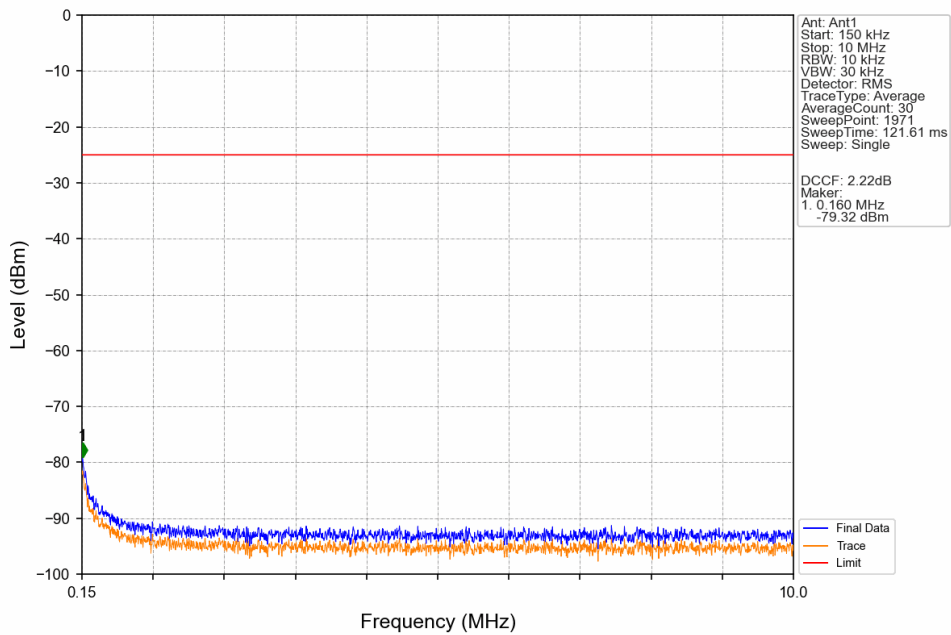


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-32.65	-25	Pass
2490.5	2495	1	CHP	2	2494.240	-29.30	-13	Pass
2495	2496	0.105	CHP	3	2495.038	-37.58	-13	Pass
2496	2506	0.105	CHP	/	/	/	/	/

Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV

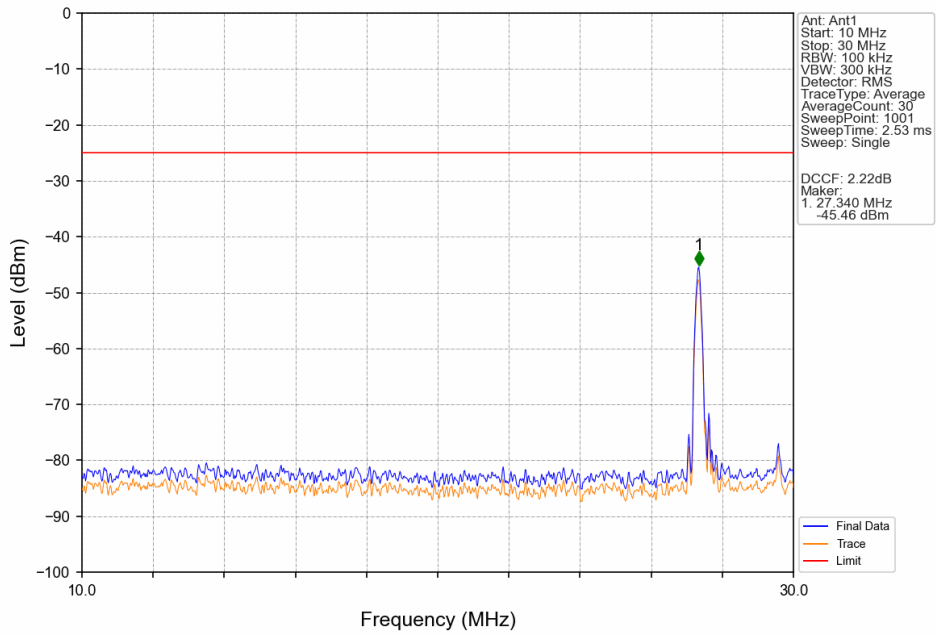


Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV

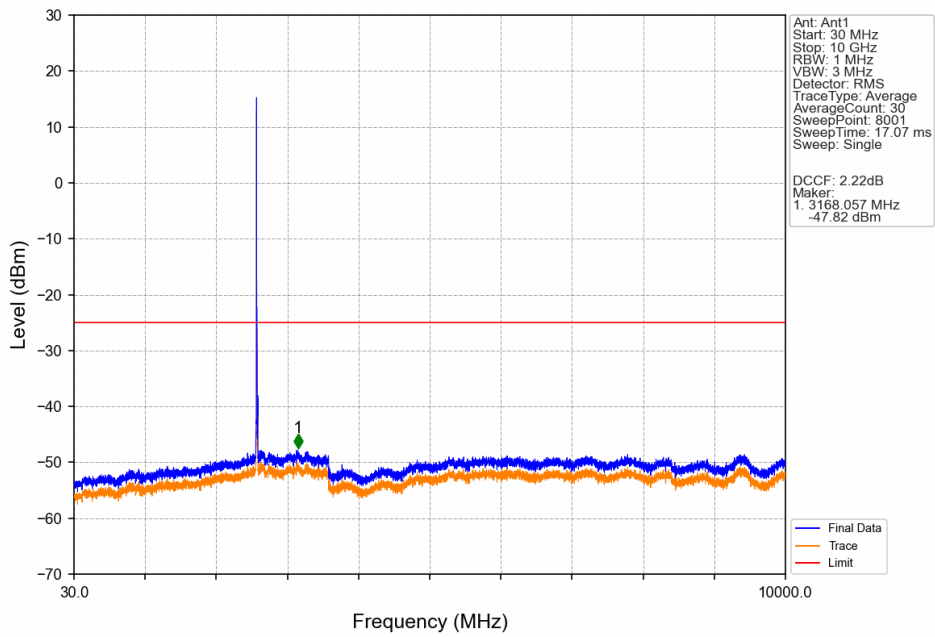




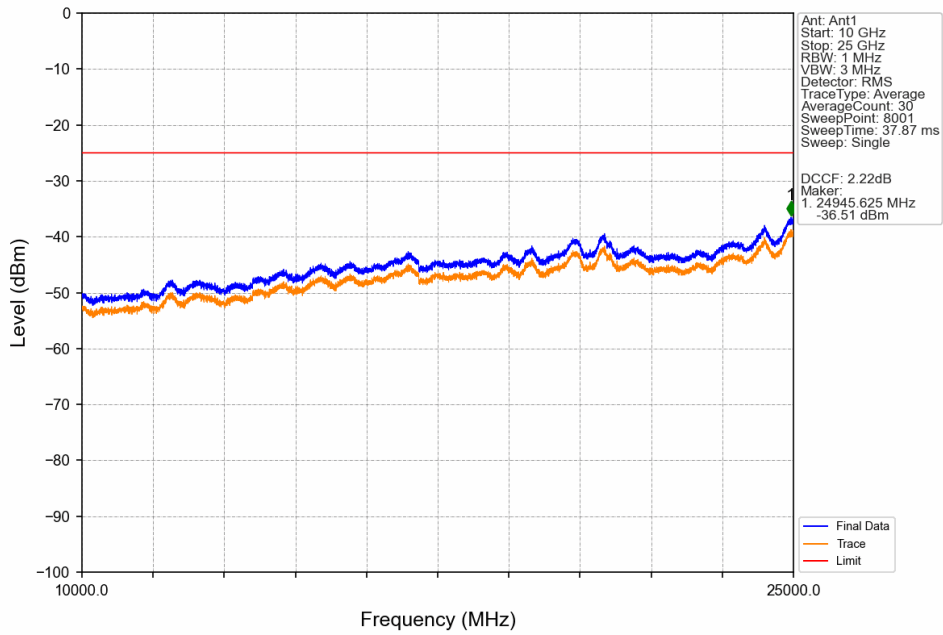
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



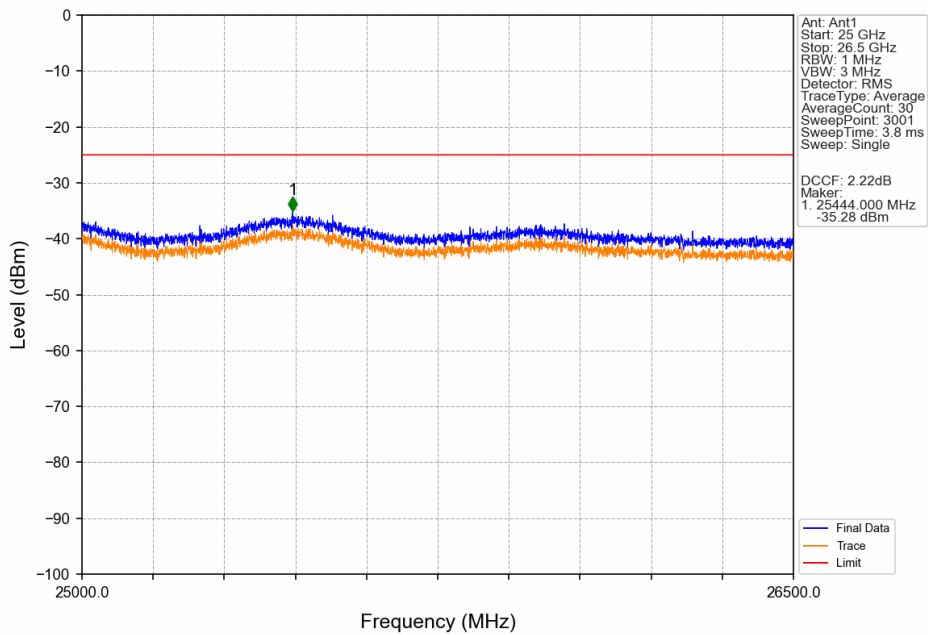
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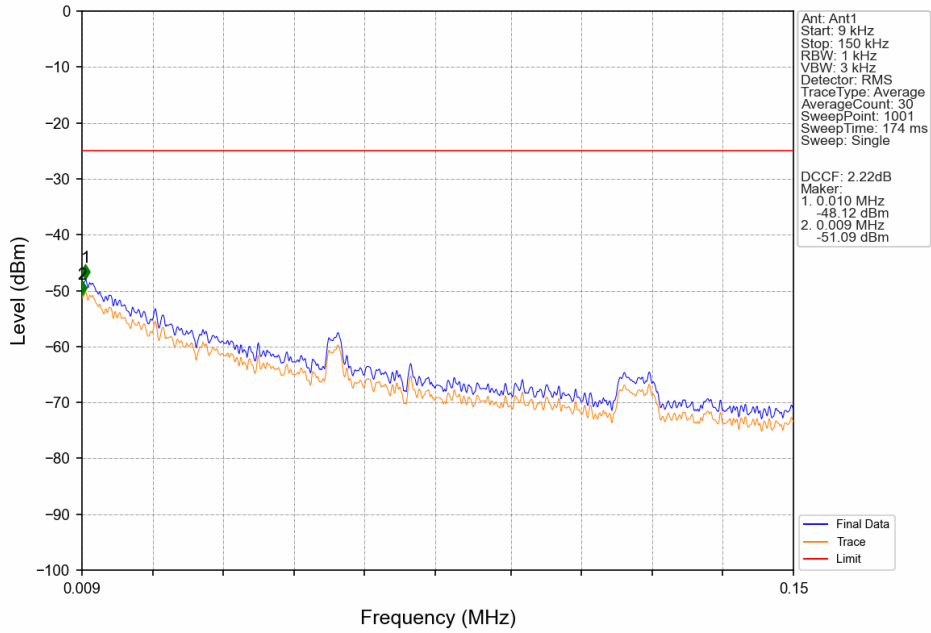
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



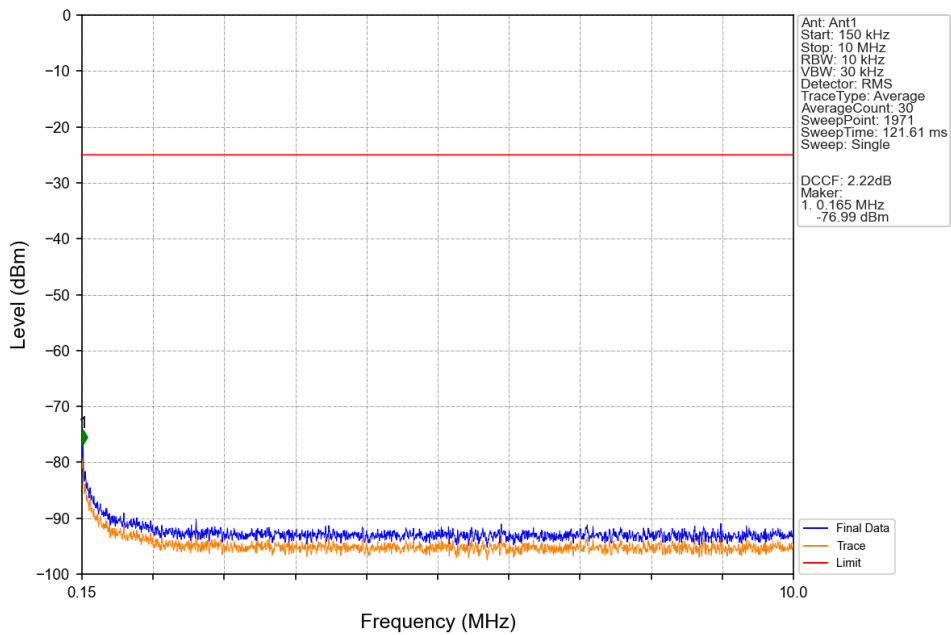
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



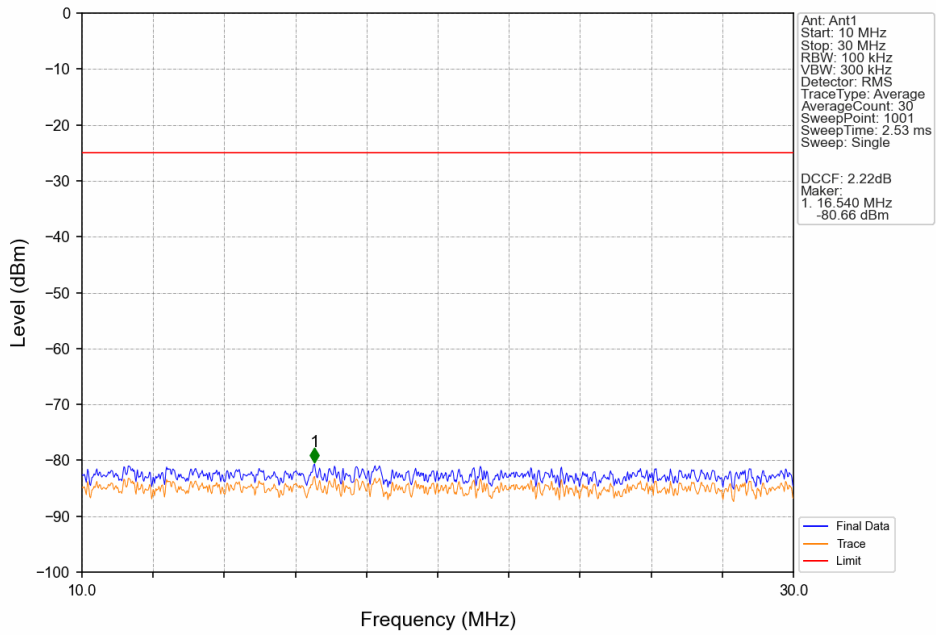
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



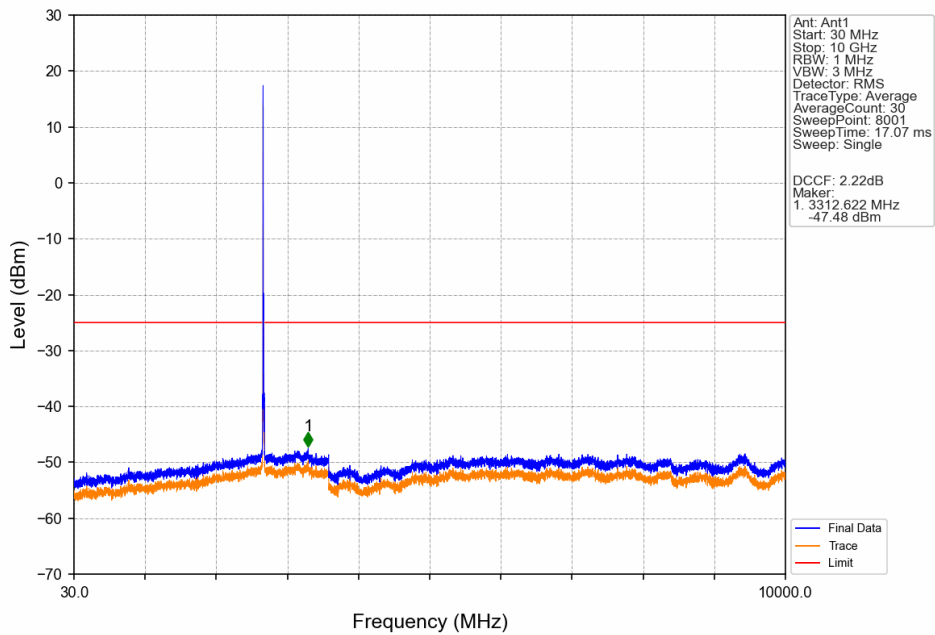
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



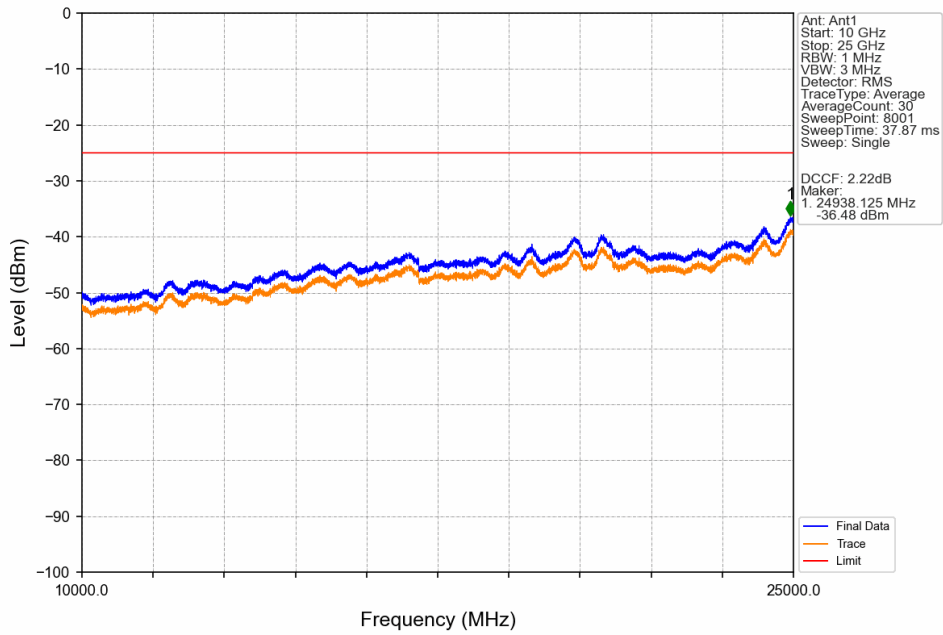
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV

