

6. Spurious Emission

6.1 B38_5MHz

6.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNv							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2572.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2595	1	0	Refer To Test Graph		Pass	
		2617.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
16QAM	2572.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2595	1	0	Refer To Test Graph		Pass	
		2617.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
64QAM	2572.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2595	1	0	Refer To Test Graph		Pass	
		2617.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass



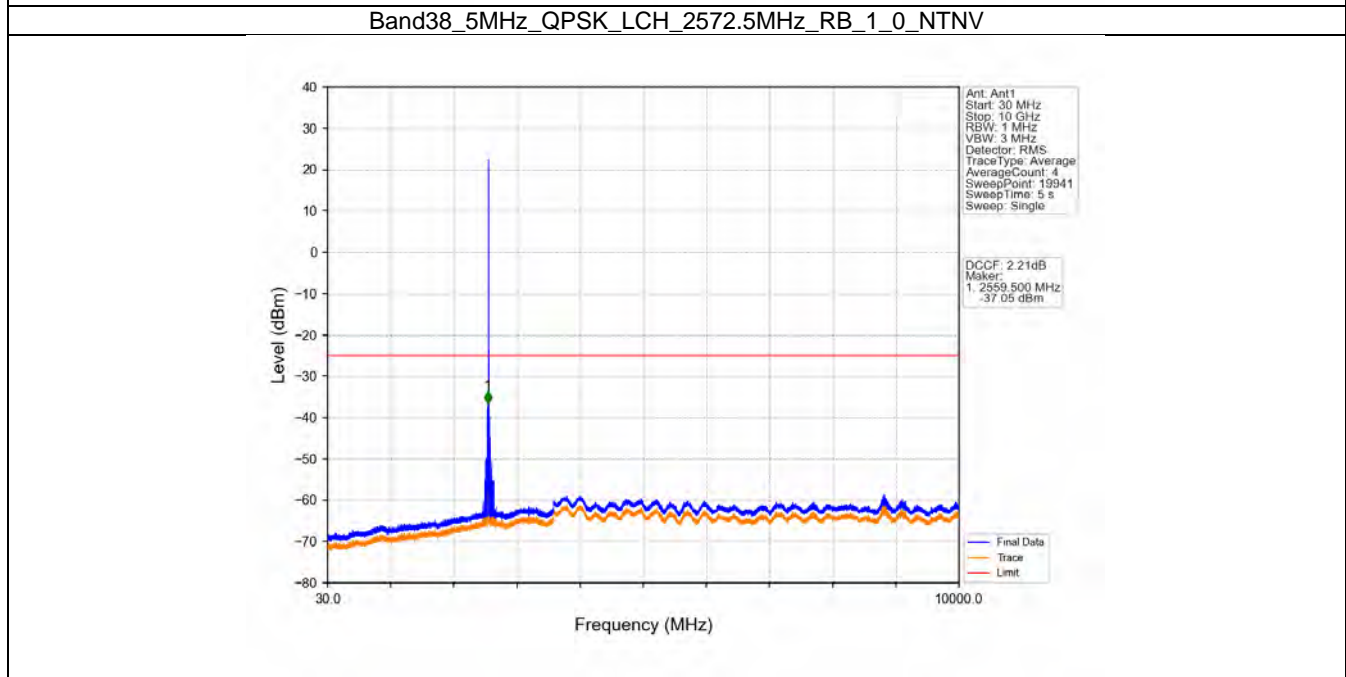
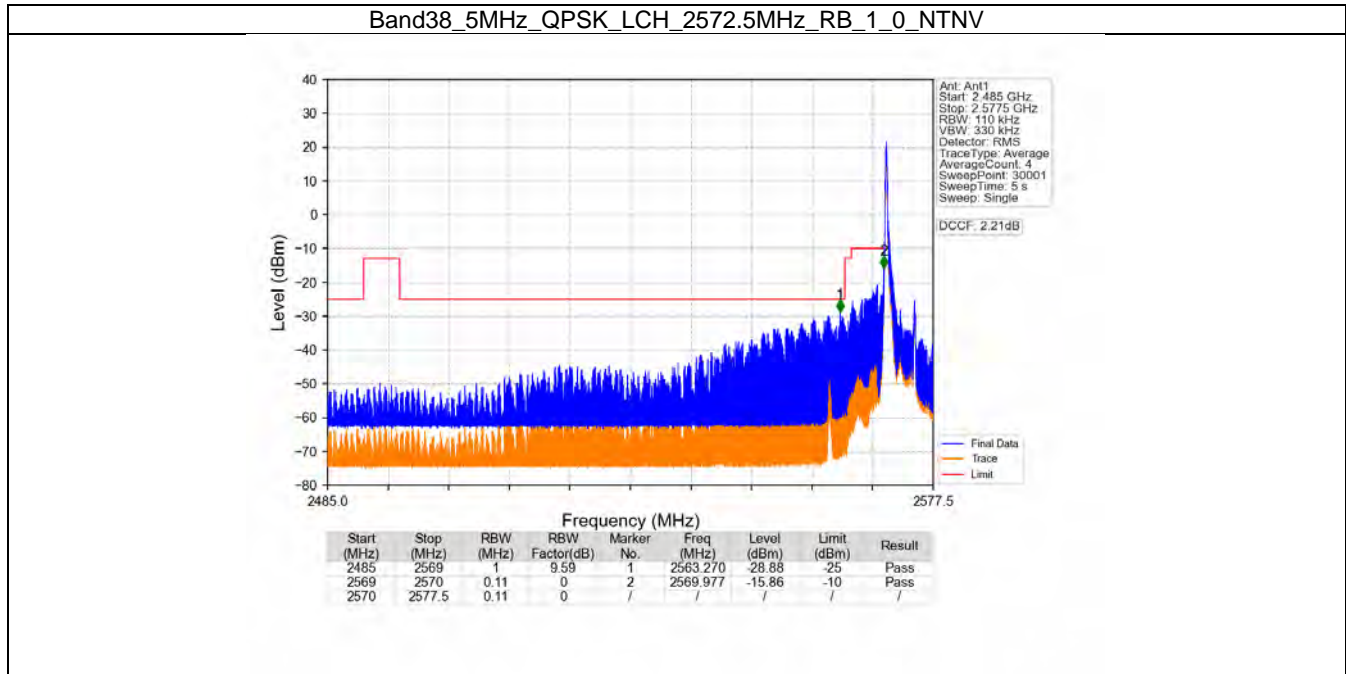
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6.1.2 Test Graph



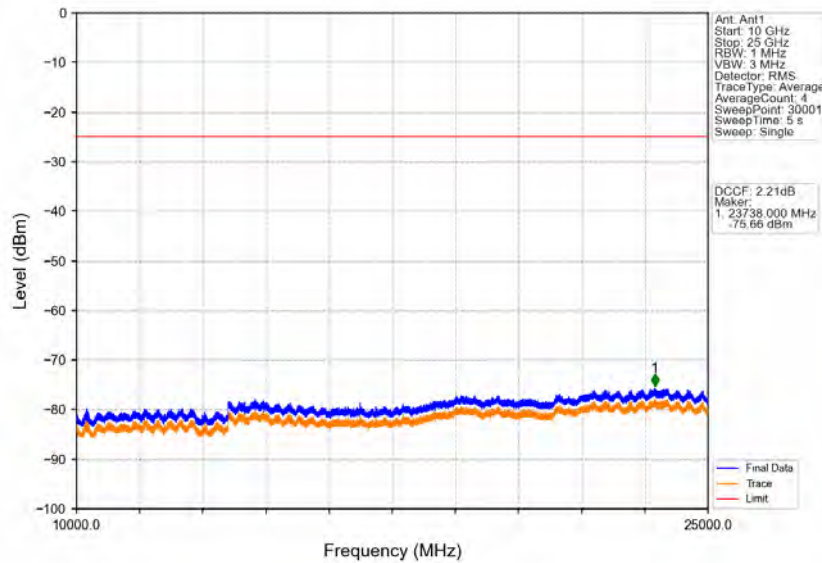
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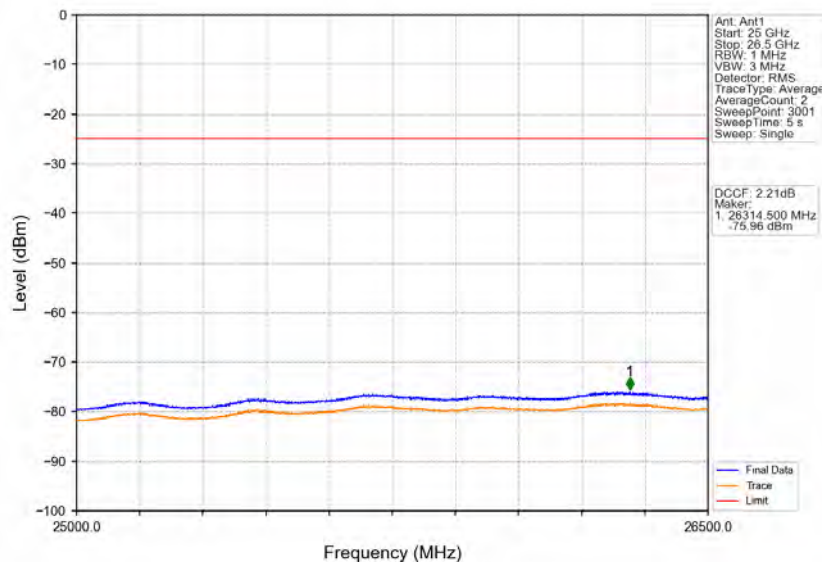
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Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



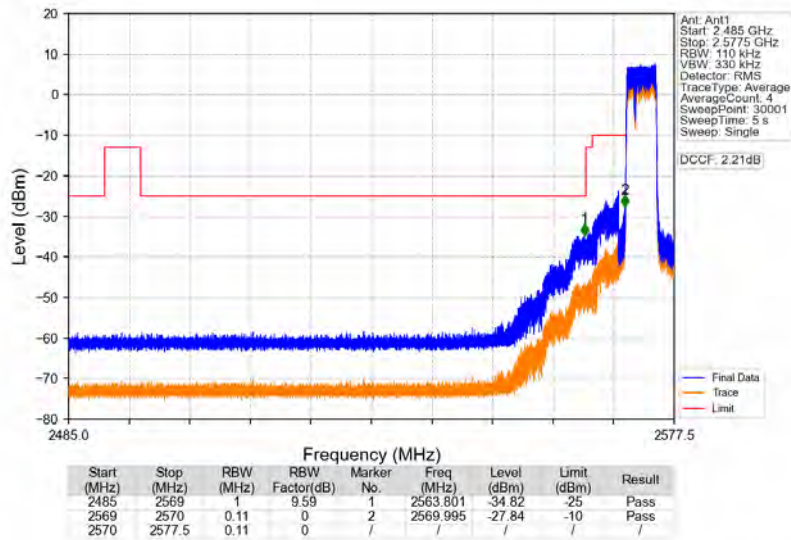
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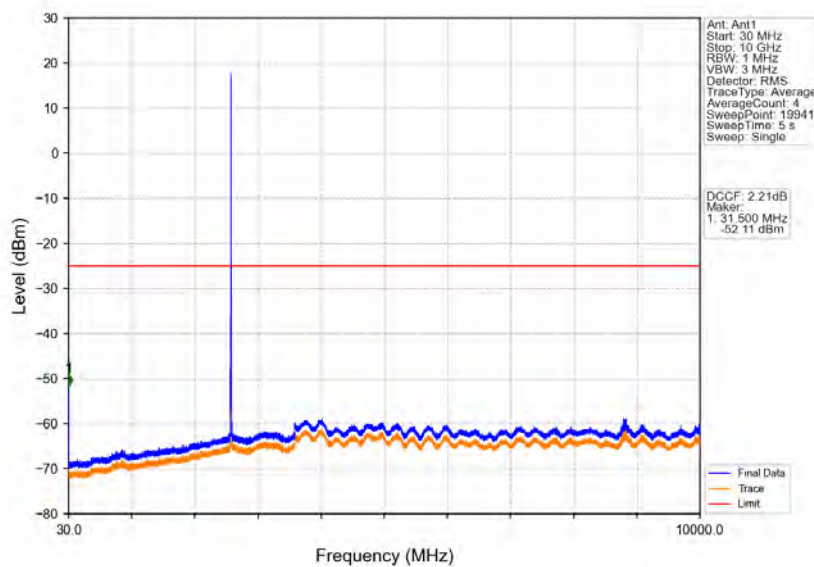
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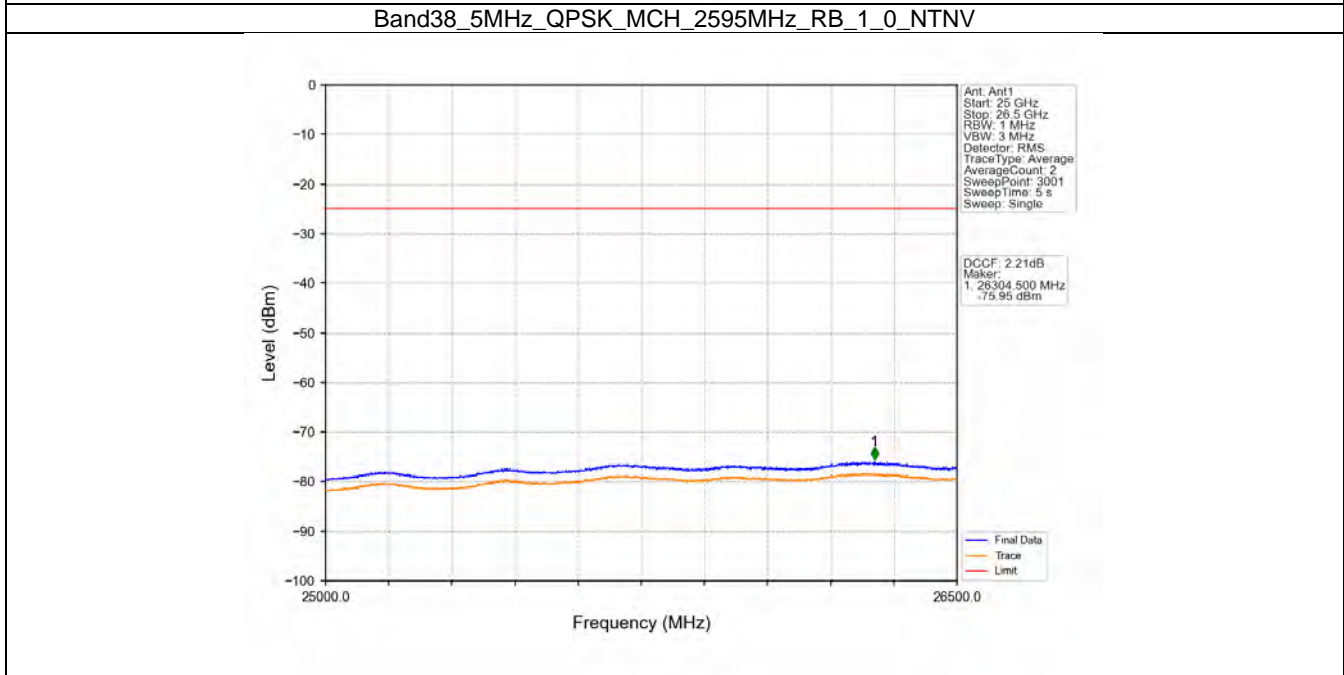
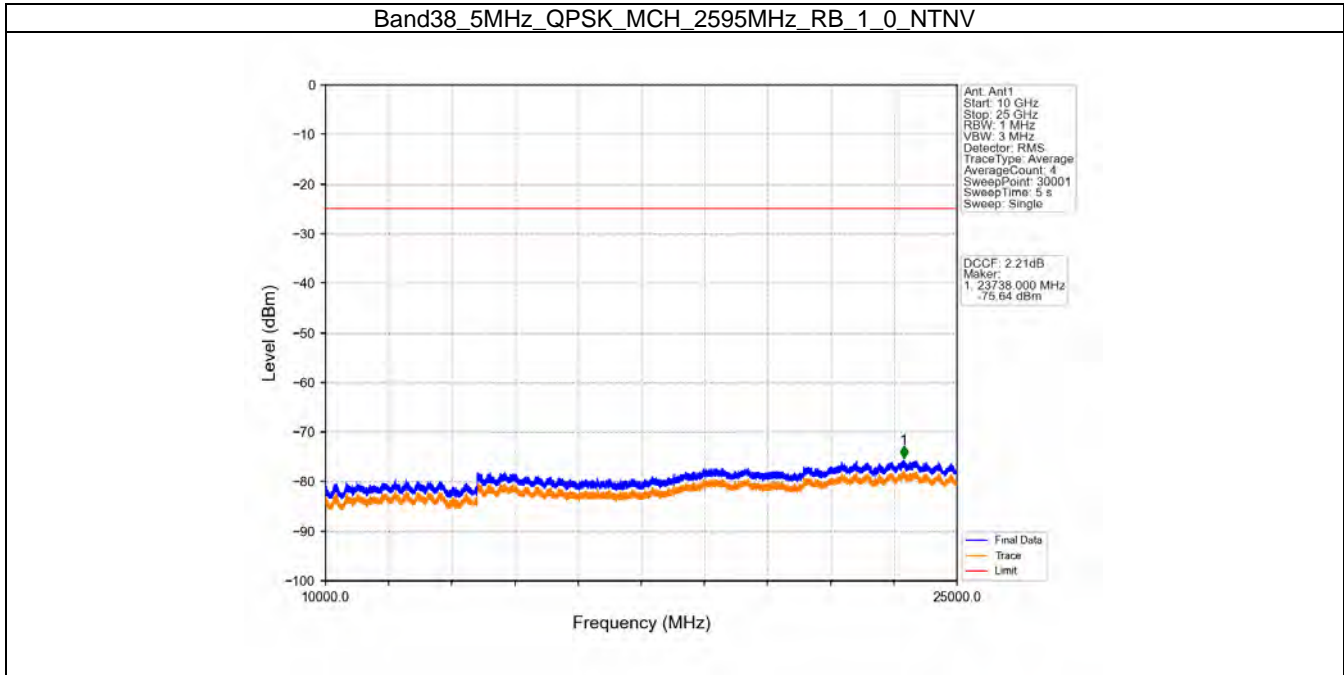
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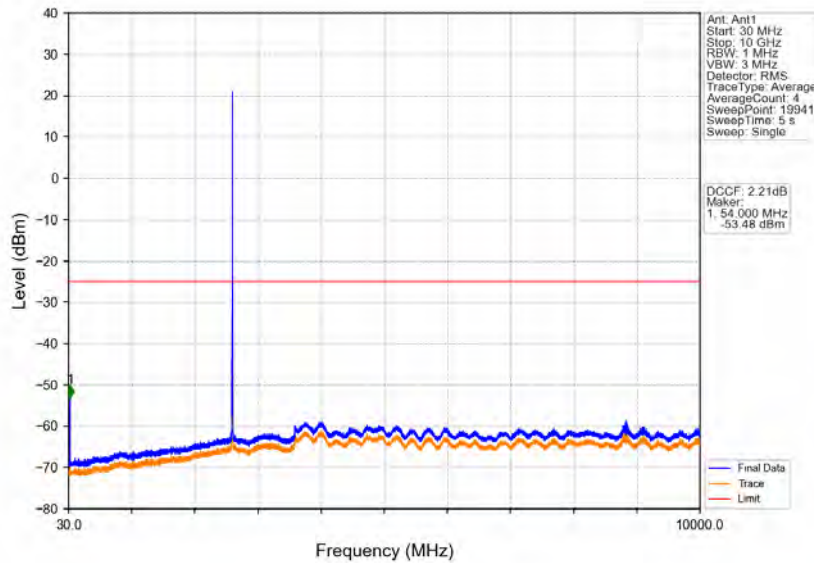
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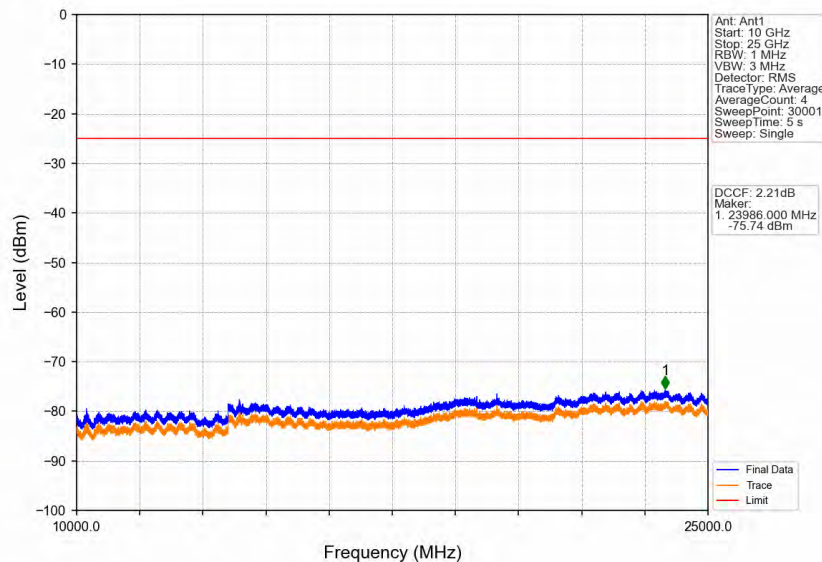
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Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



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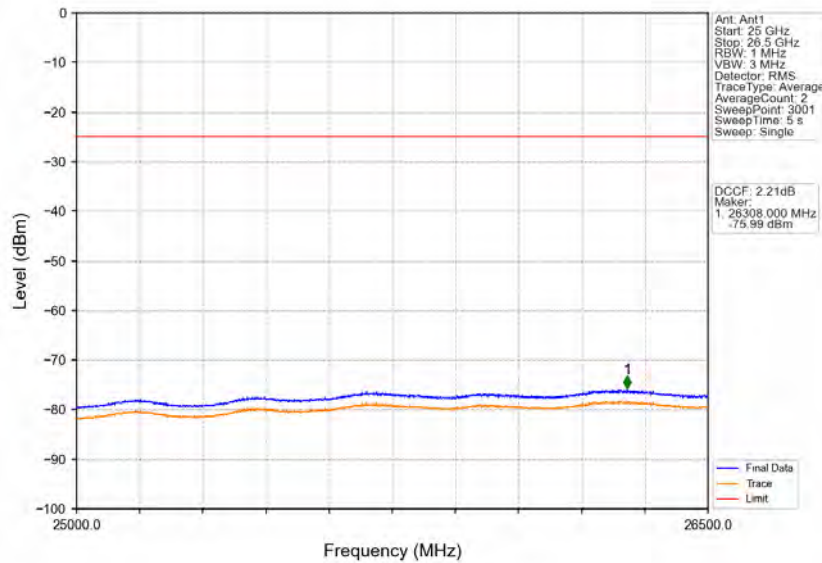
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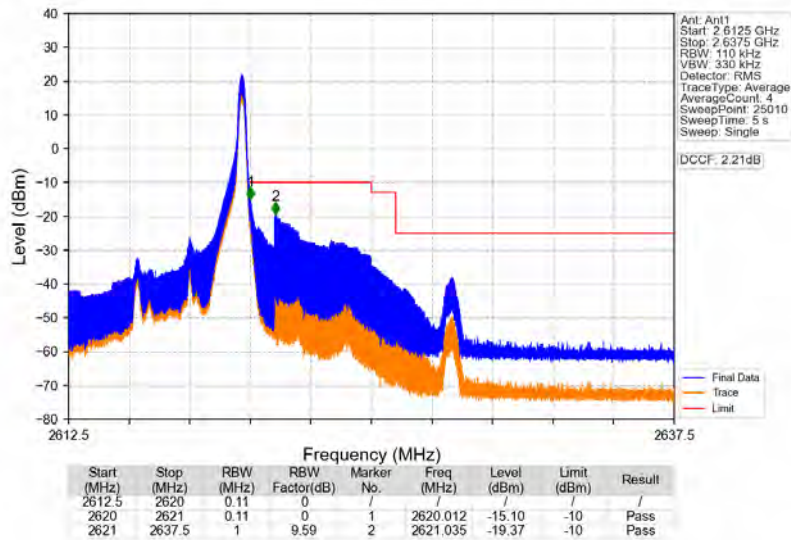
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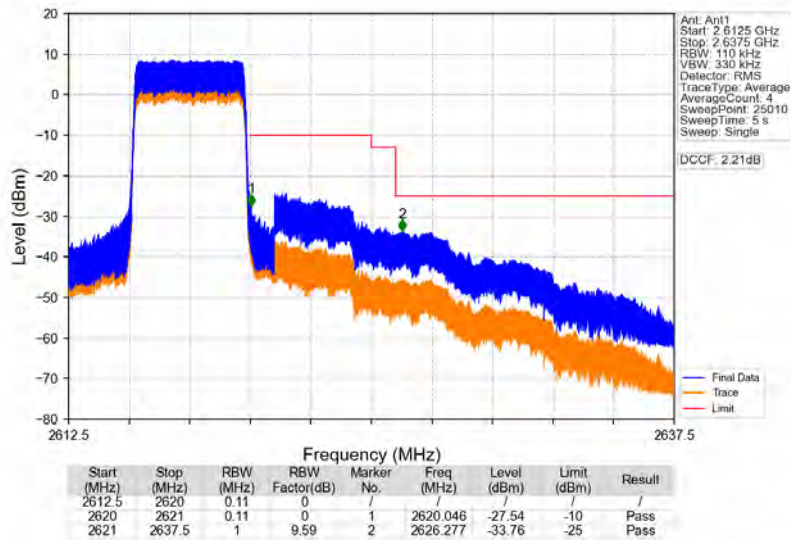
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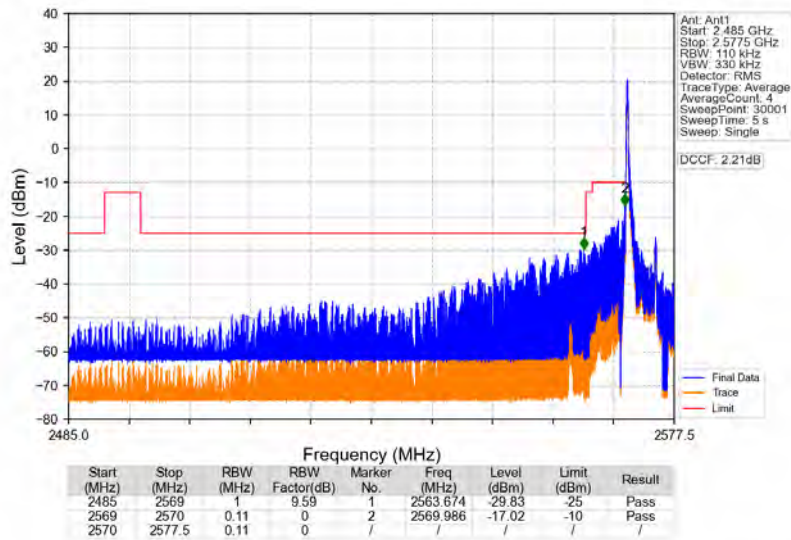
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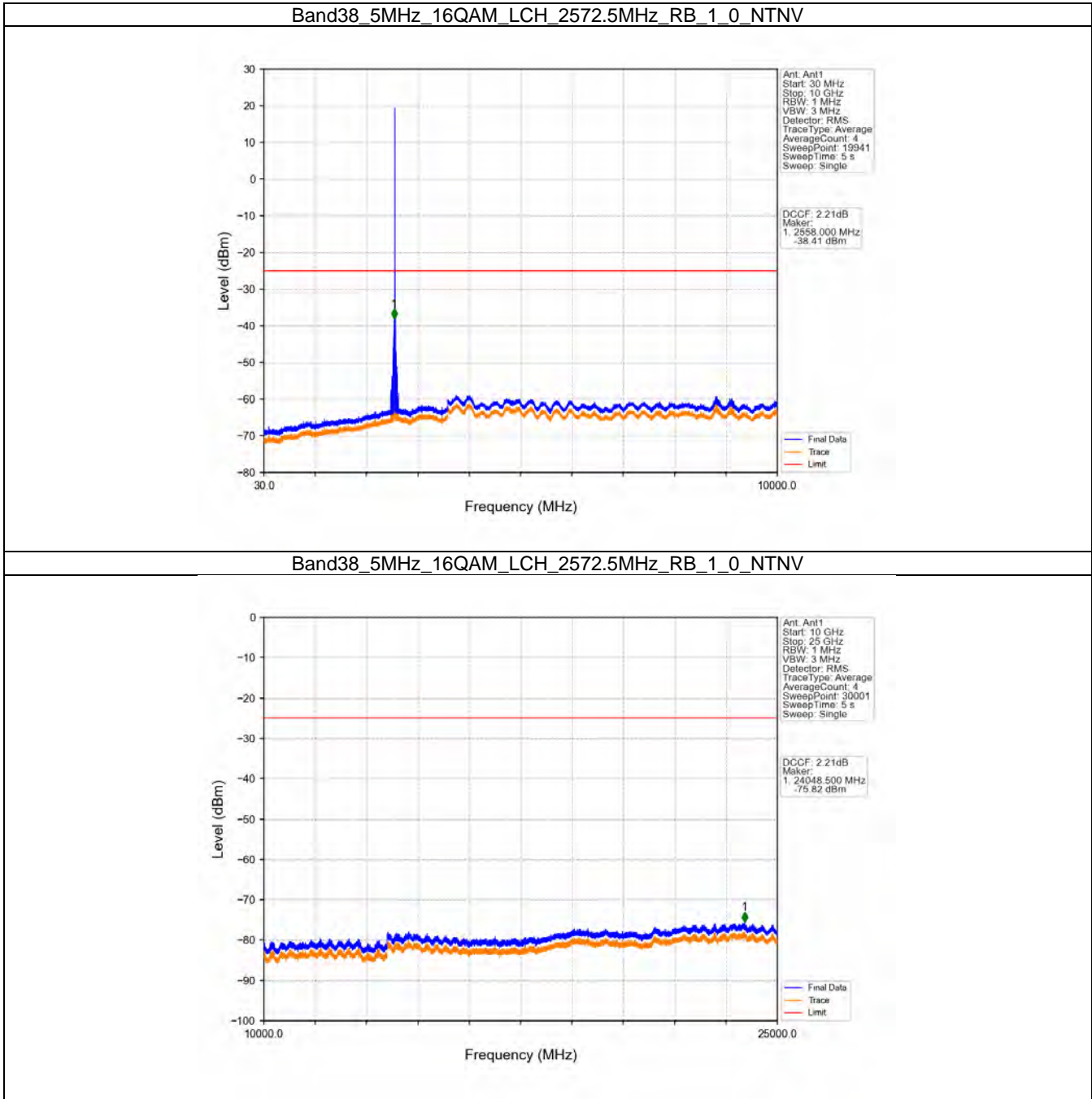


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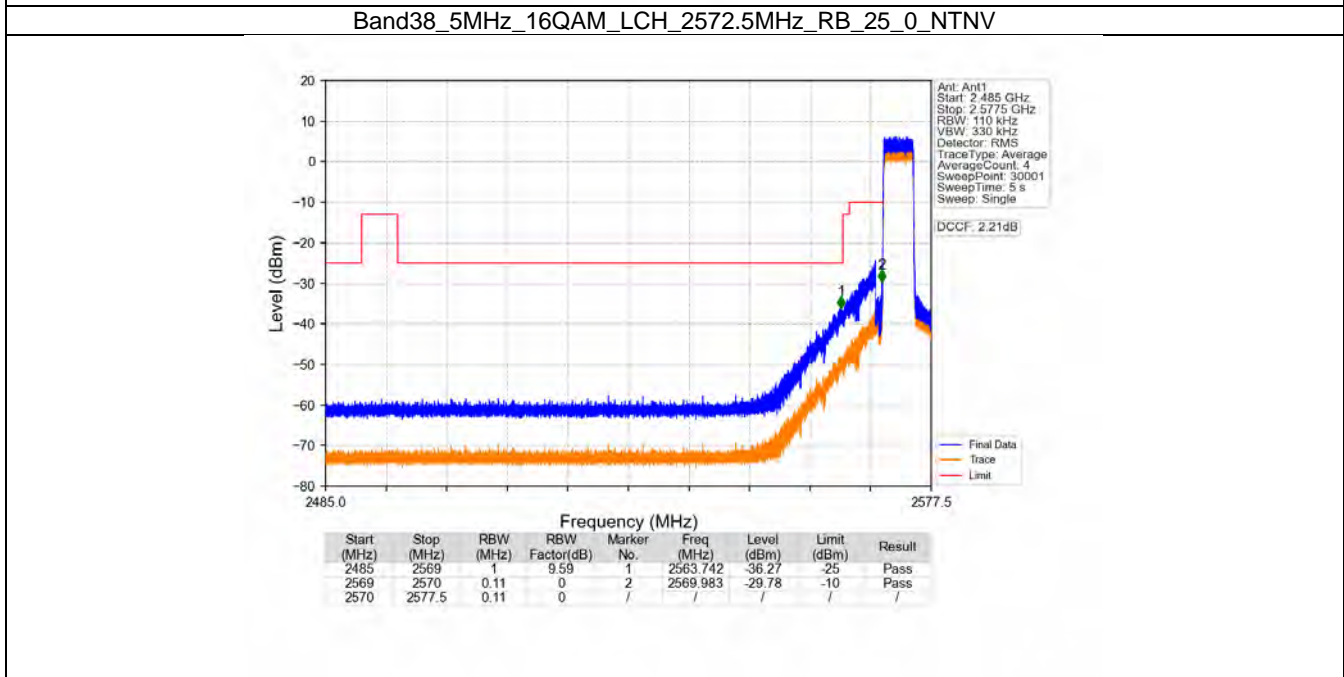
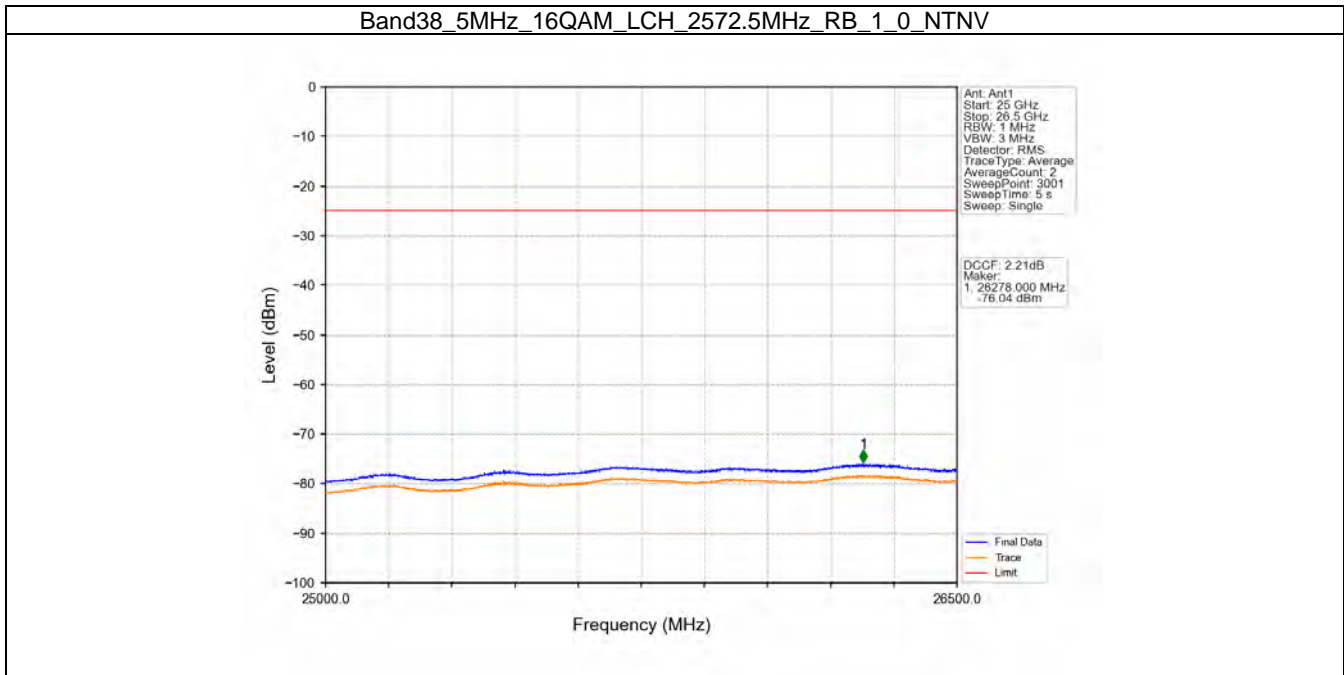


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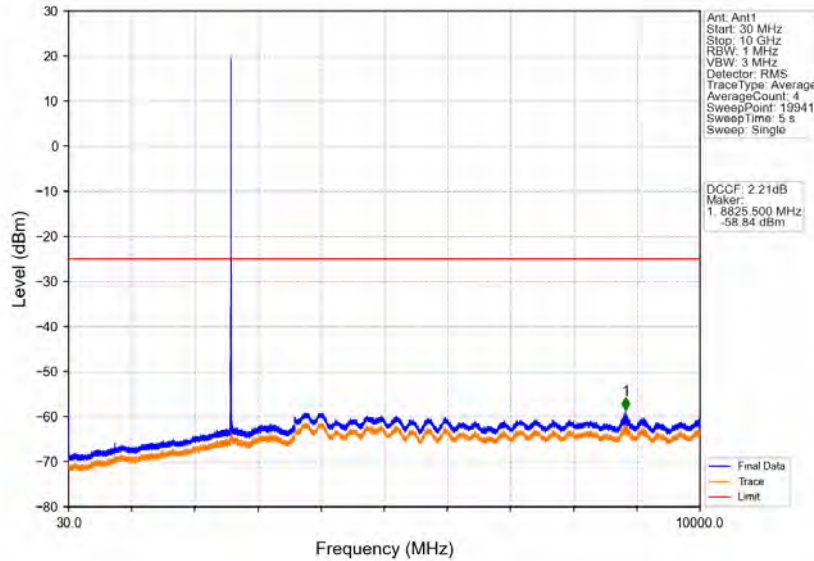
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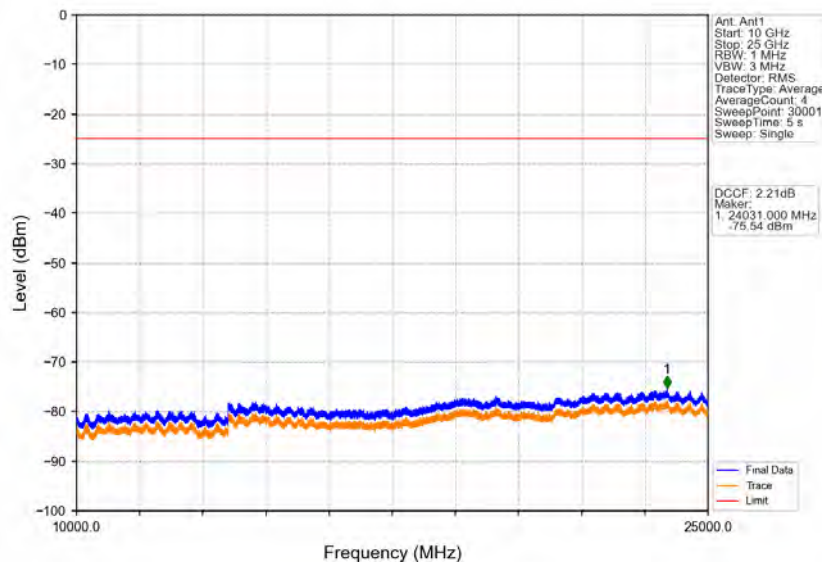
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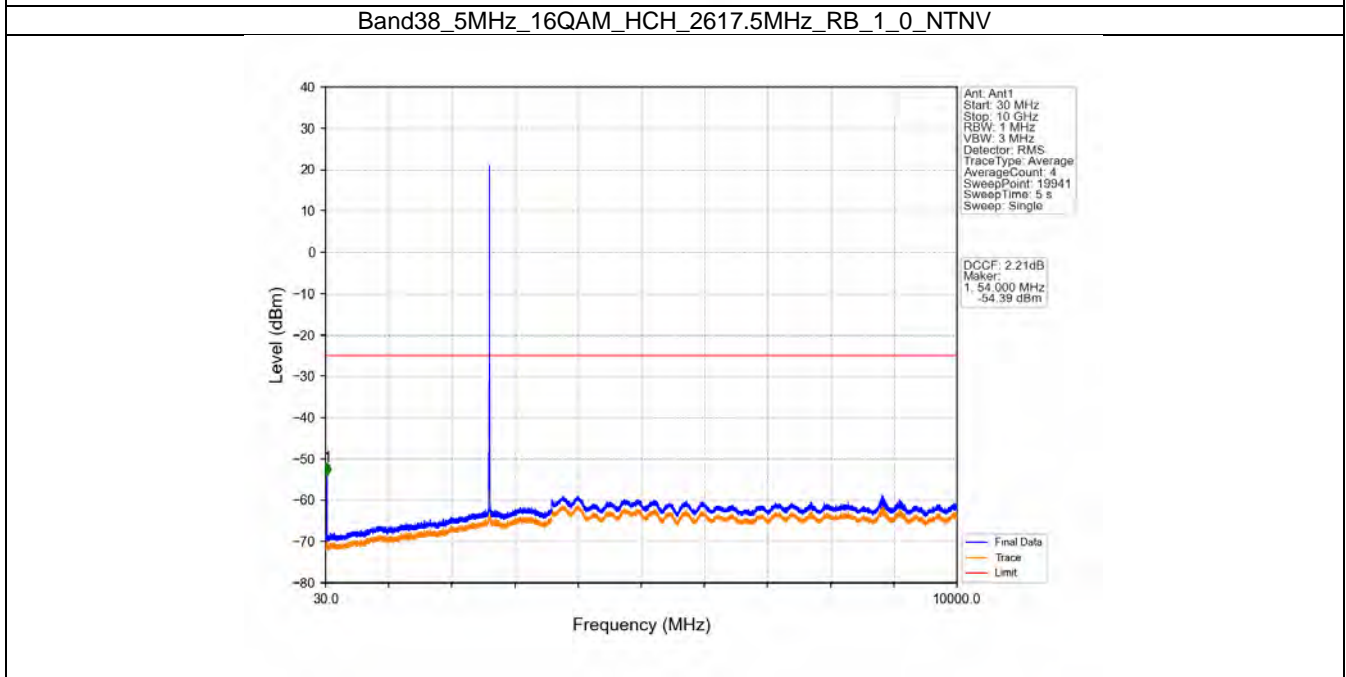
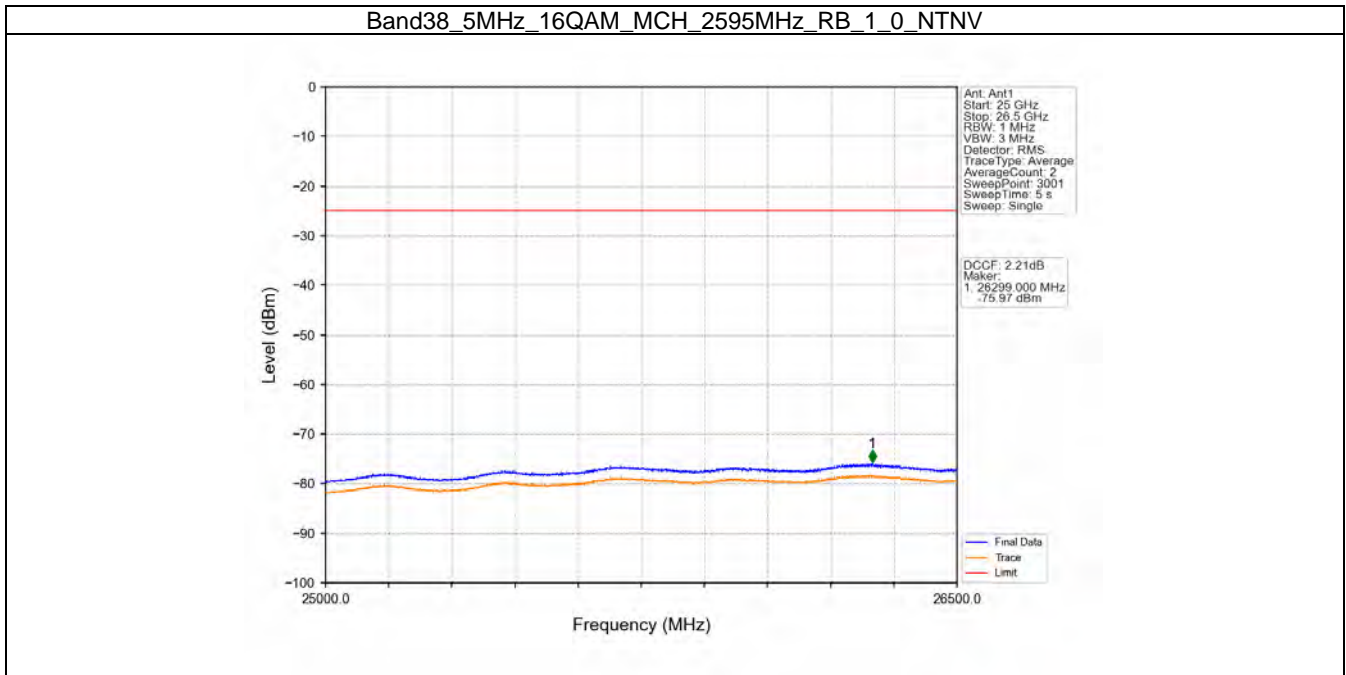


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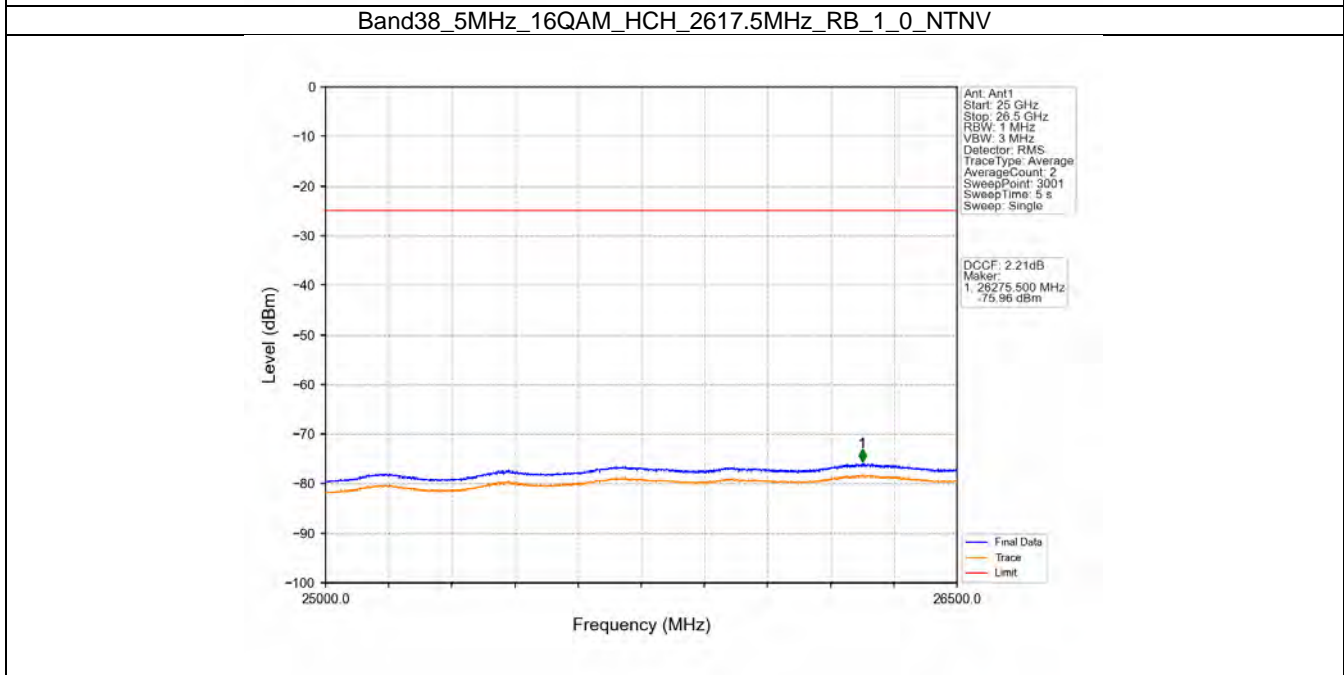
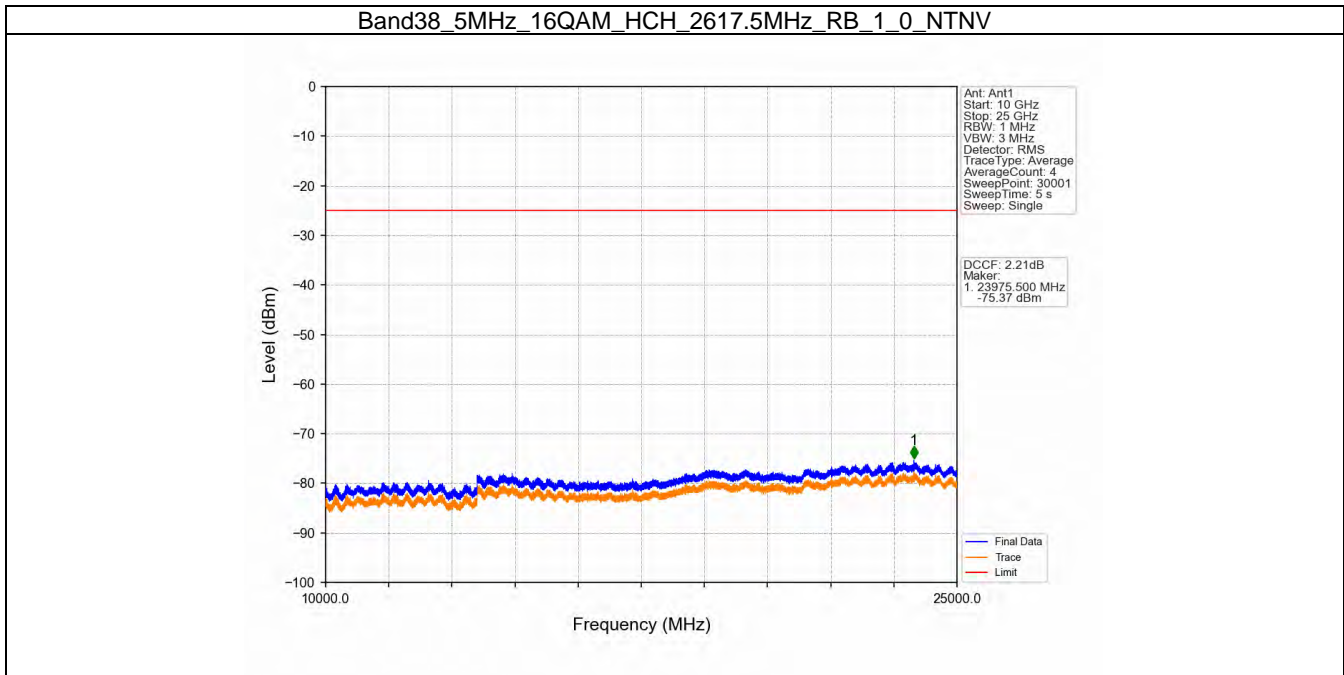
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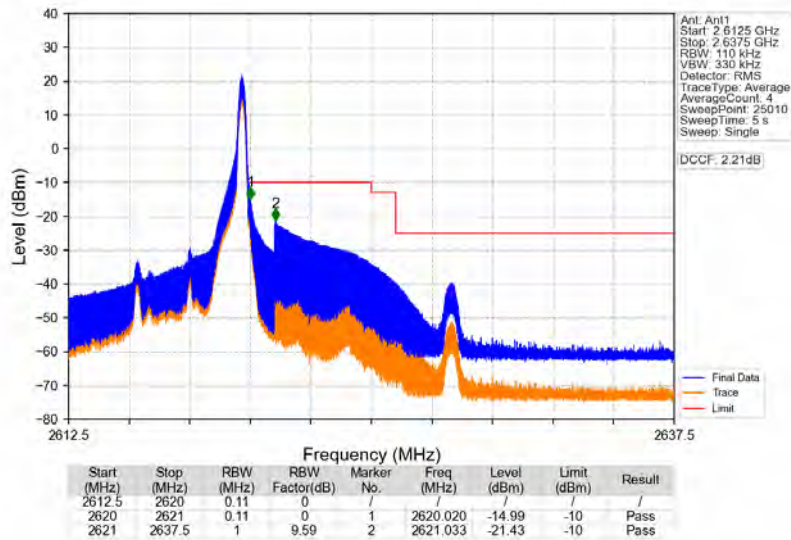
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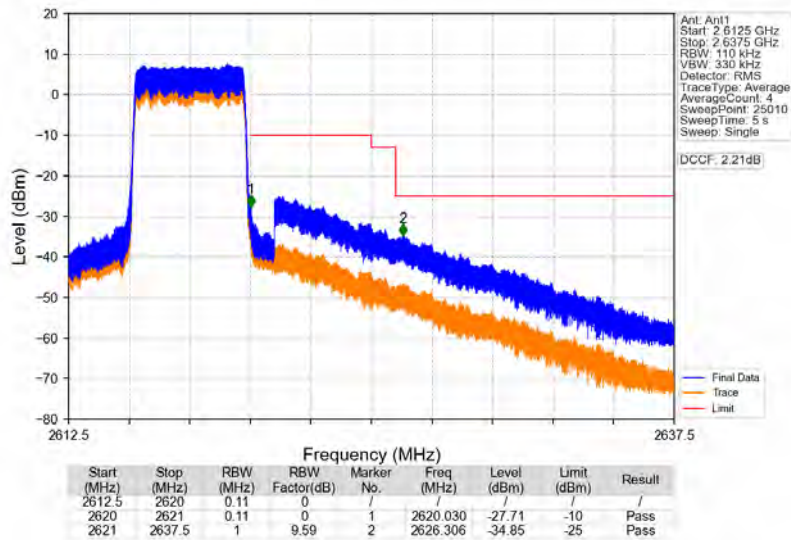
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Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



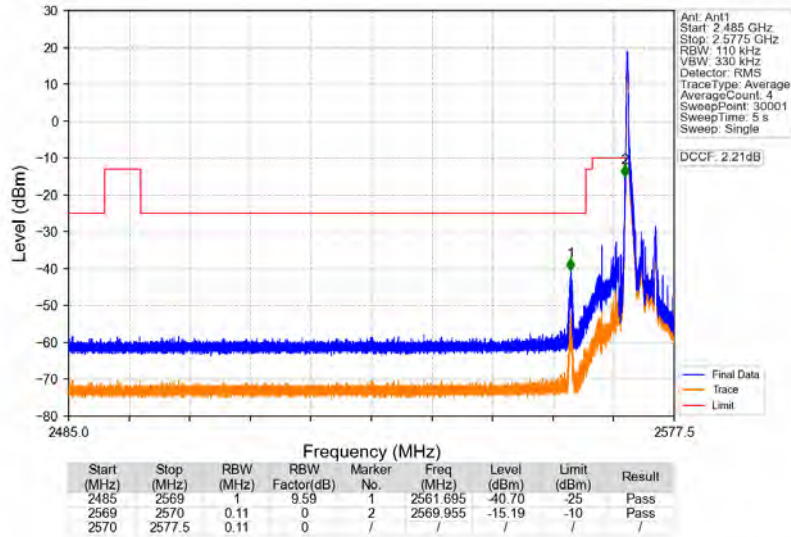
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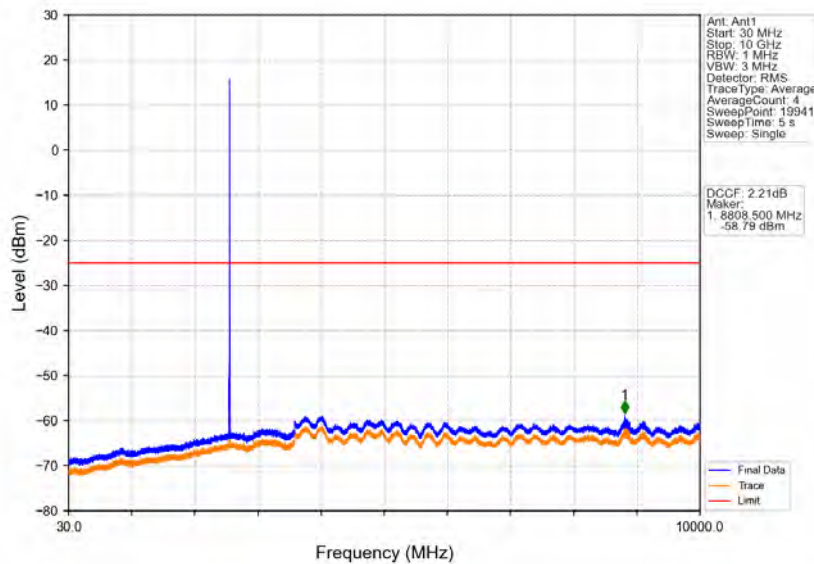
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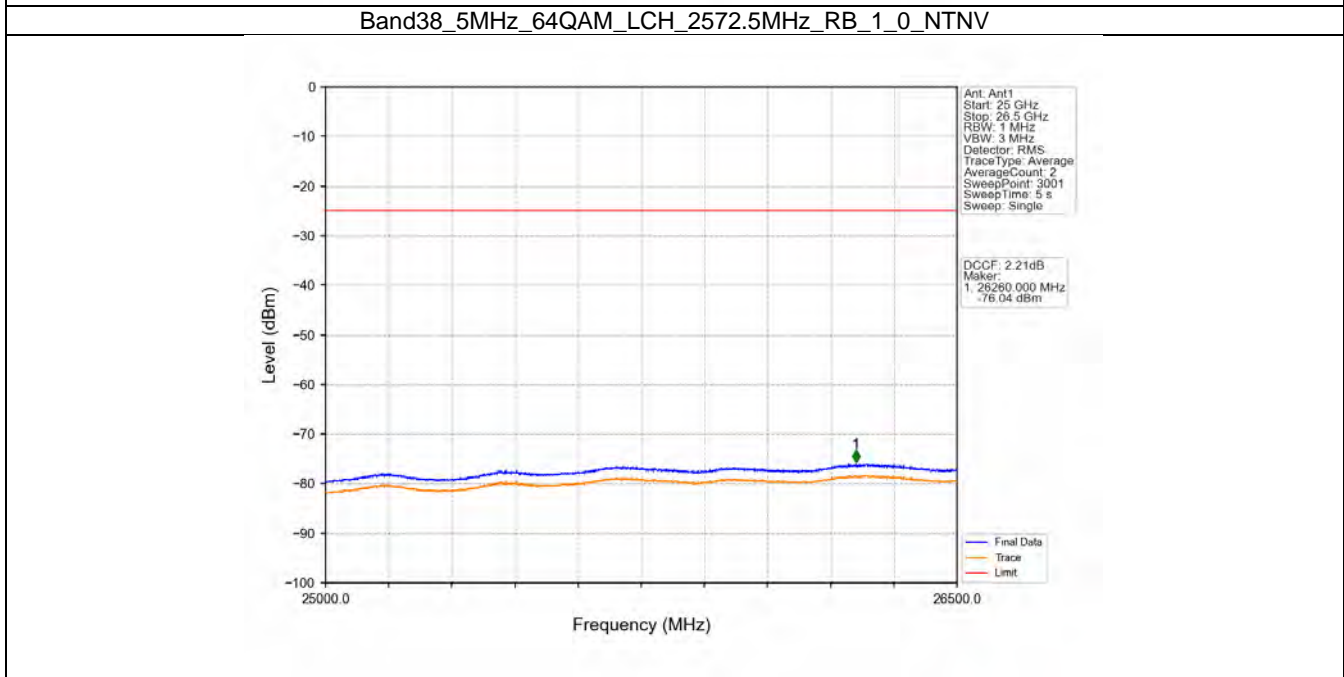
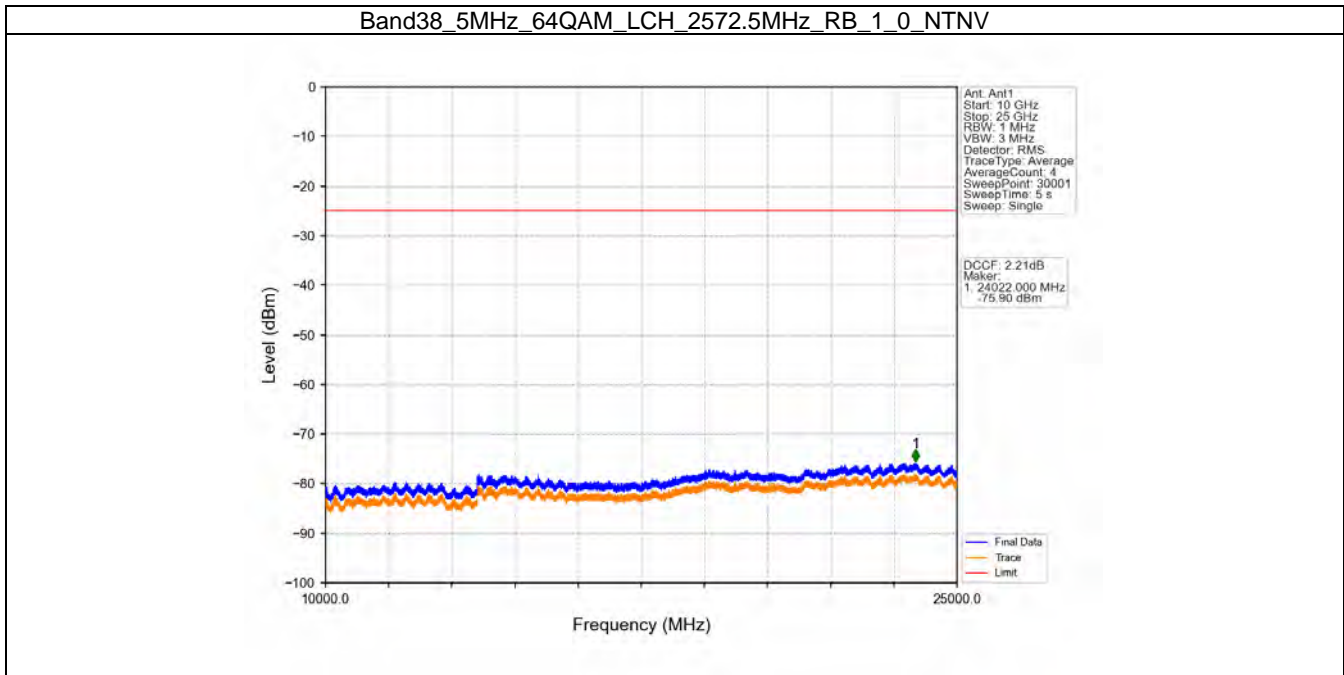
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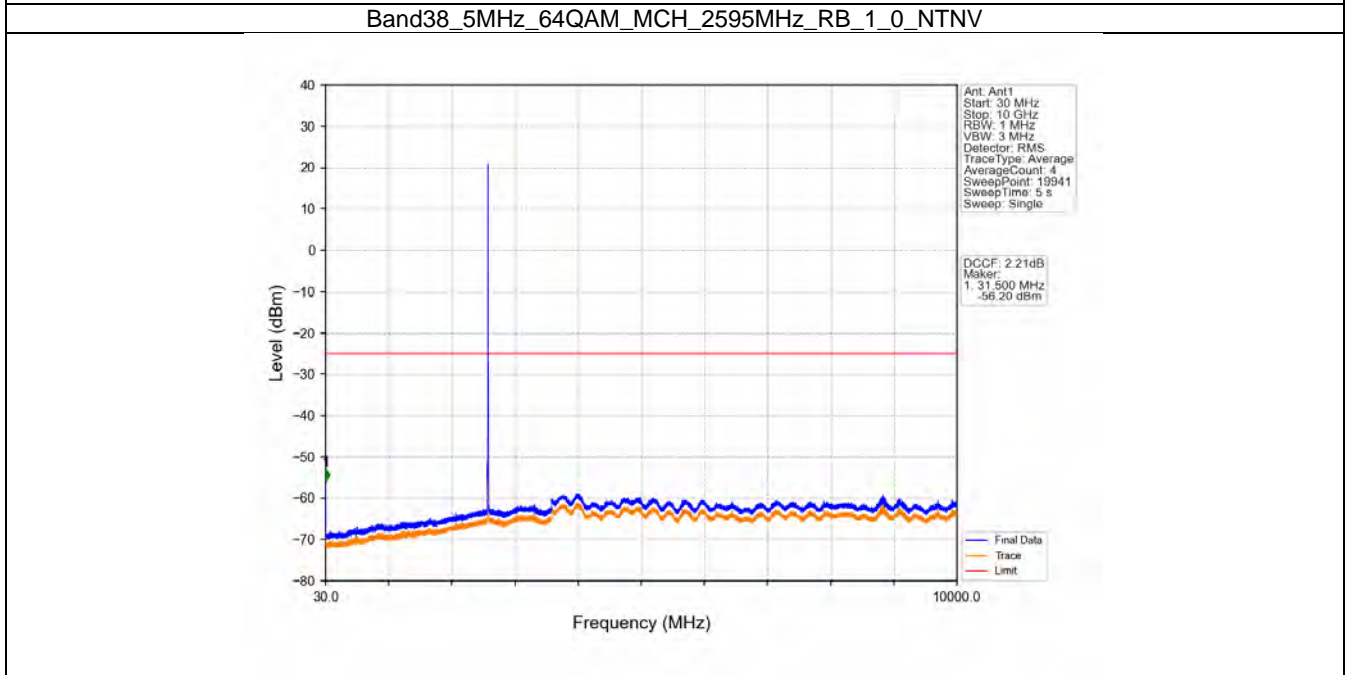
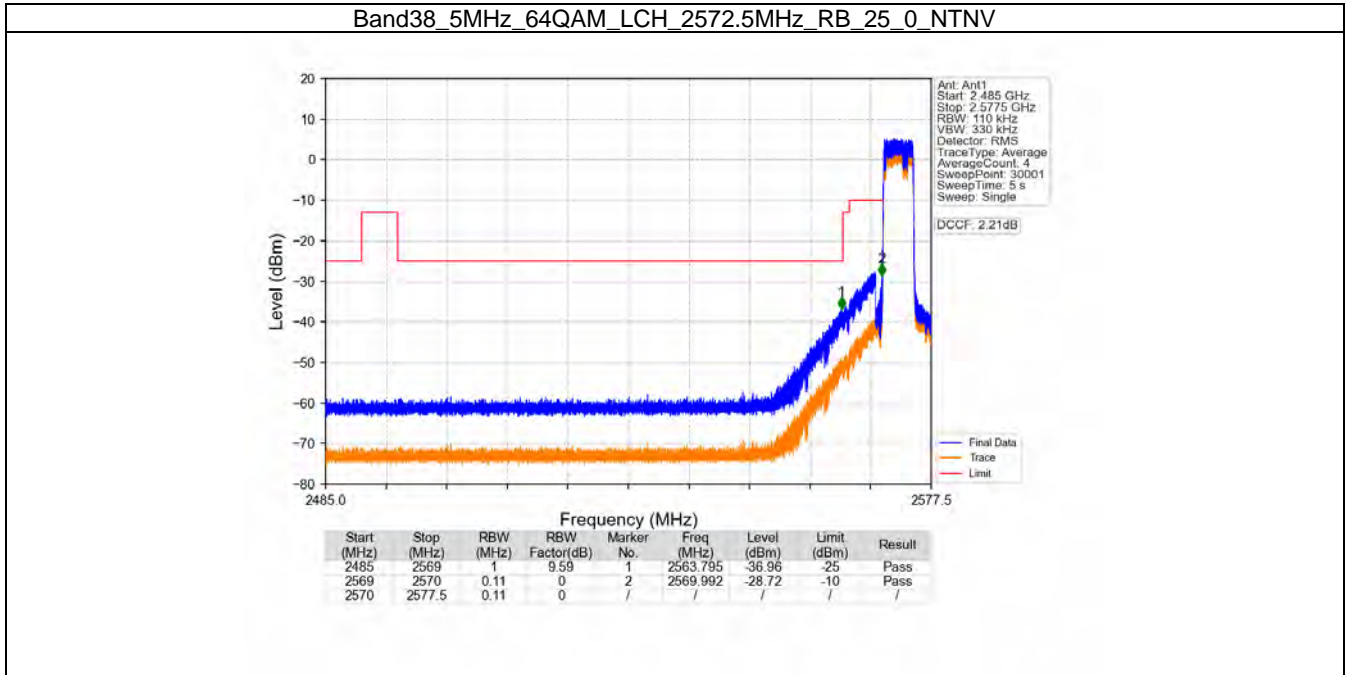
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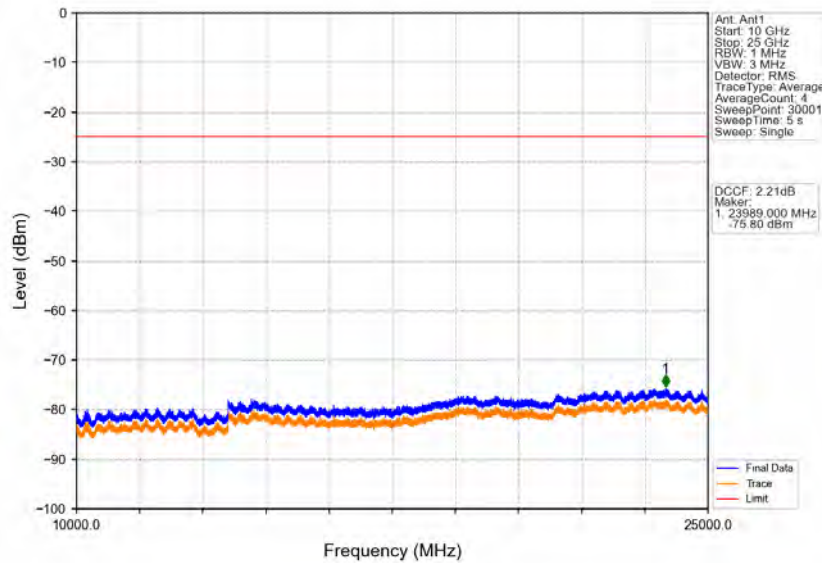
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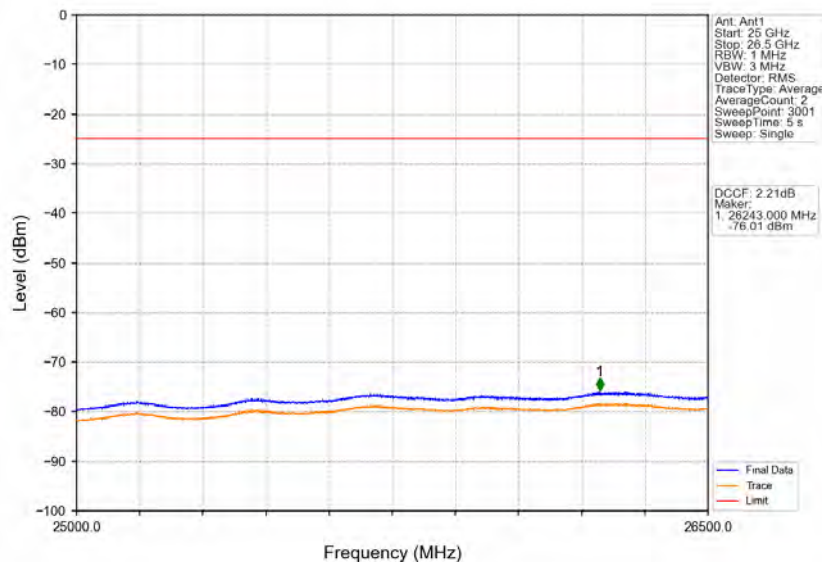
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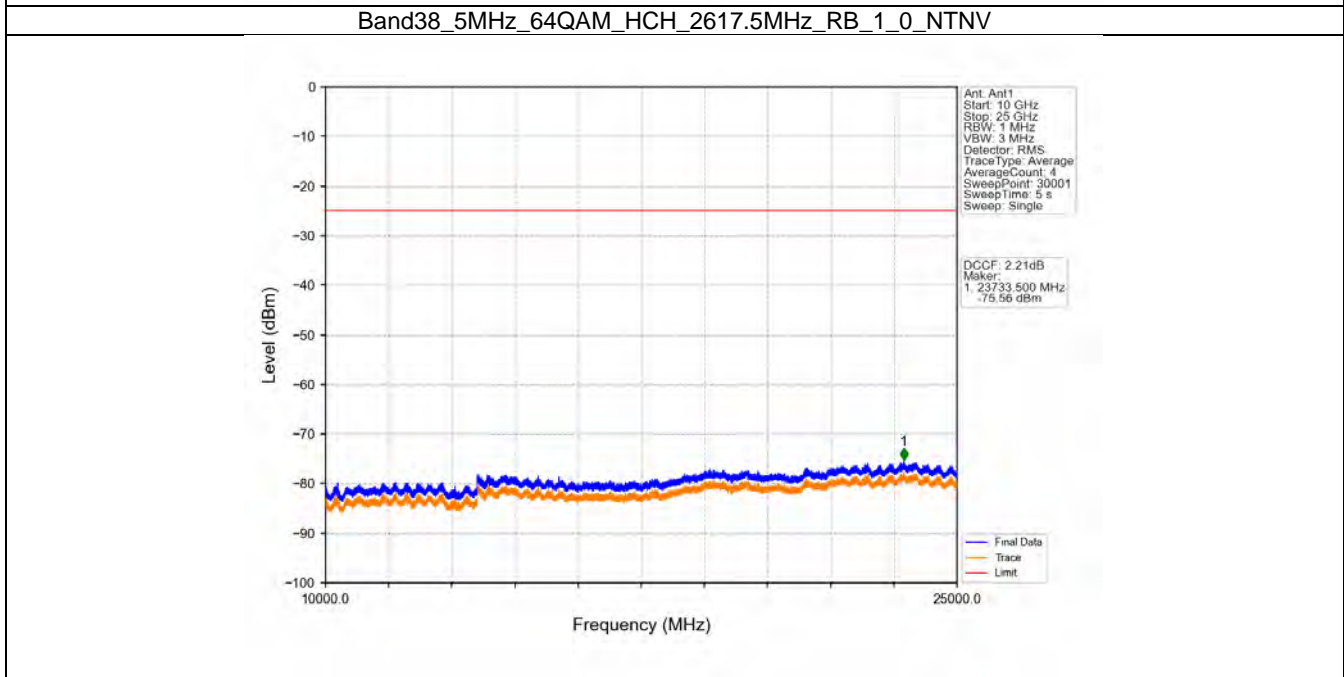
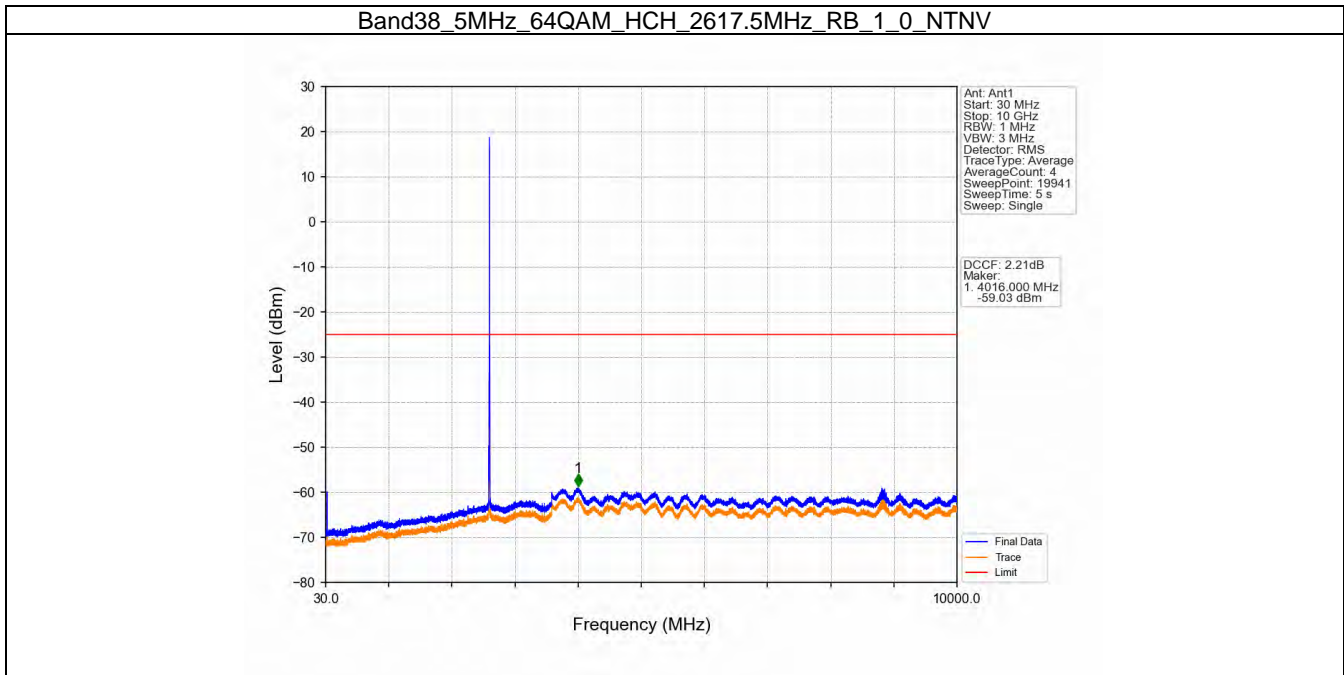


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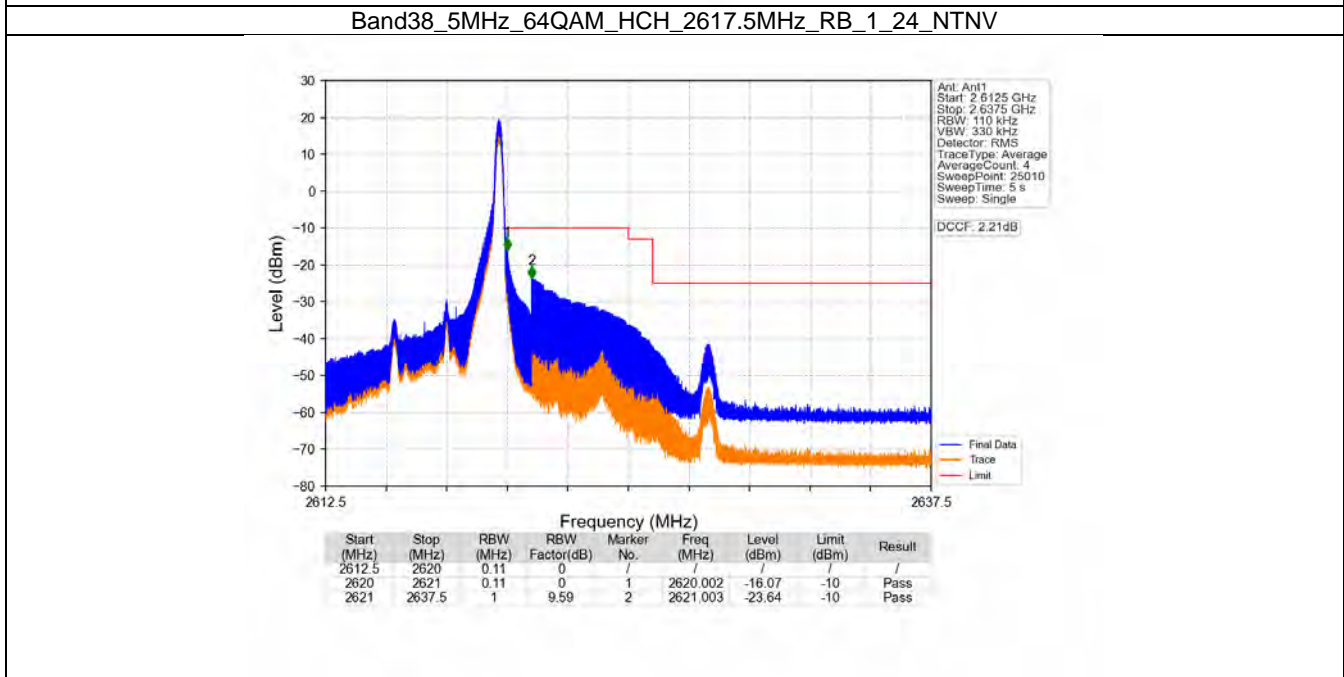
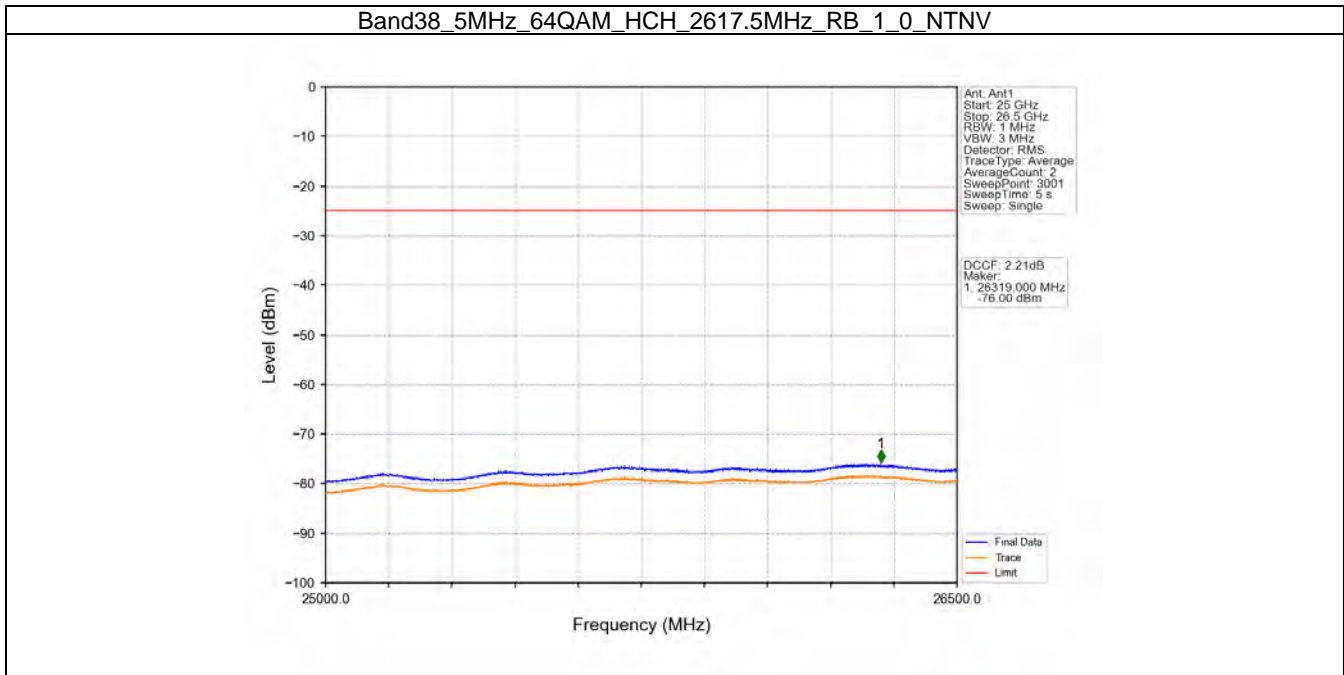
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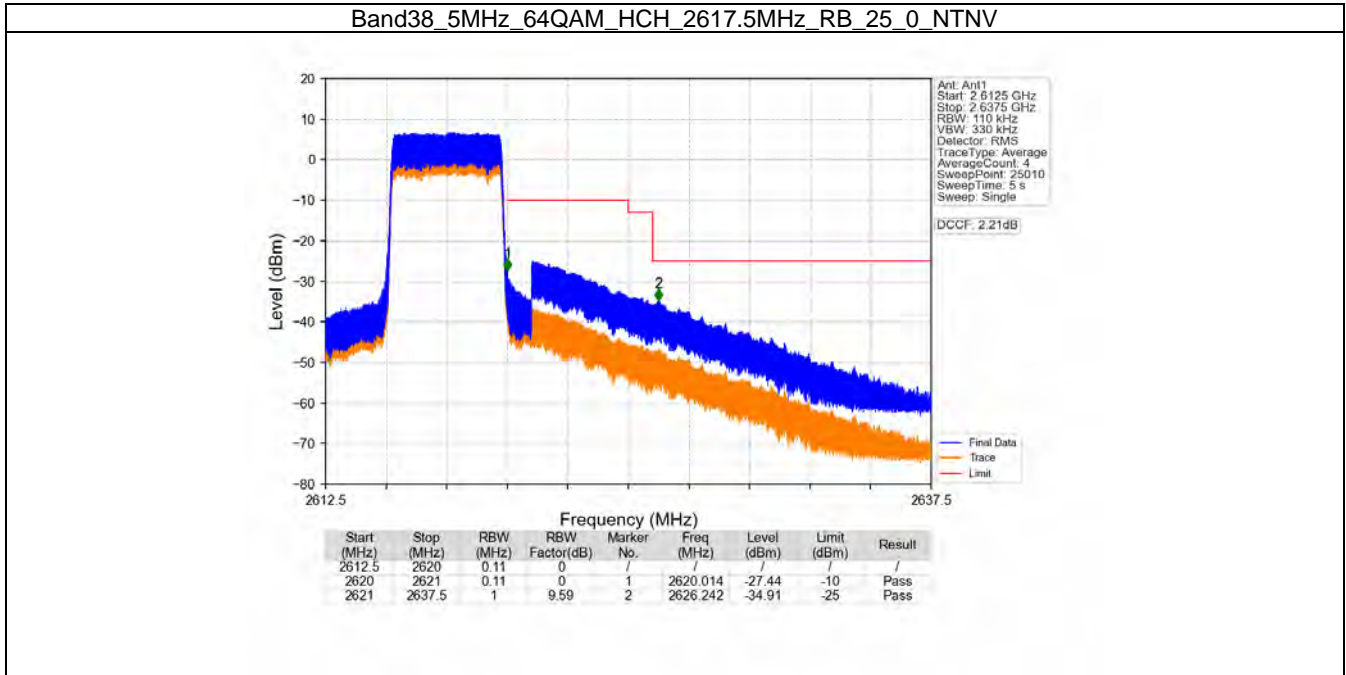


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6.2 B38_10MHz

6.2.1 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
		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
		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
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

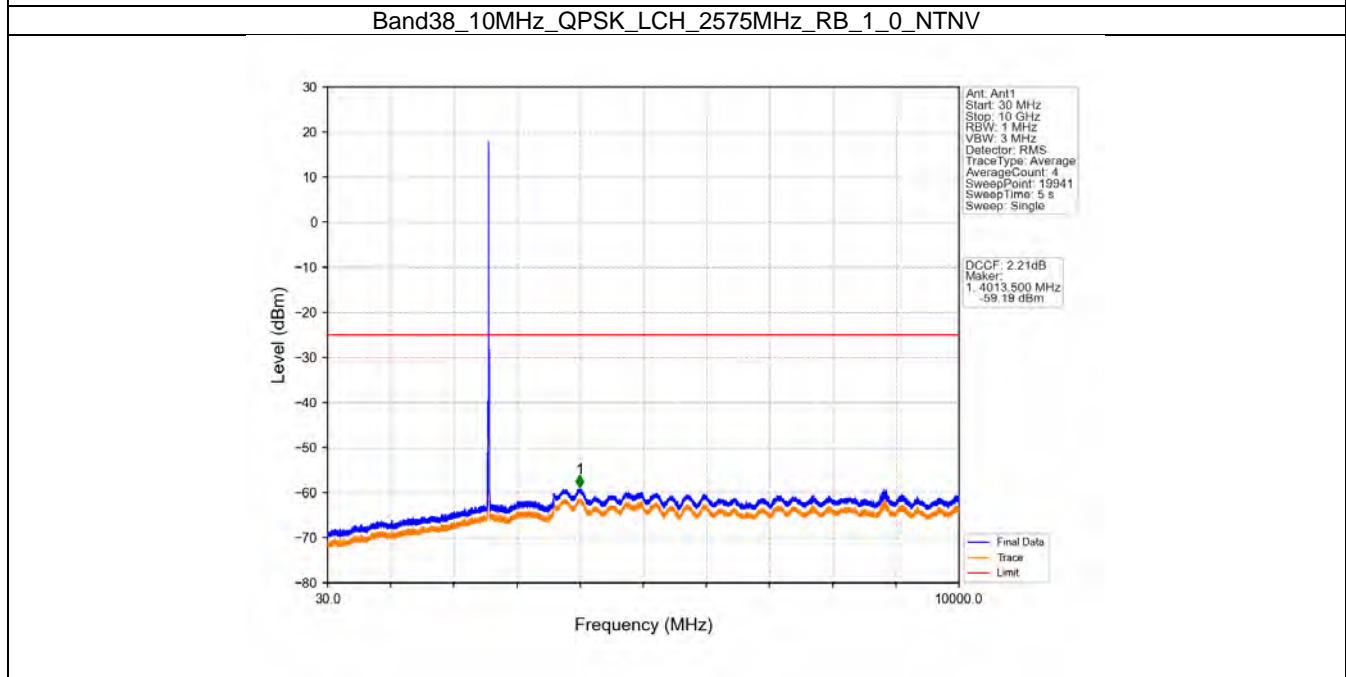
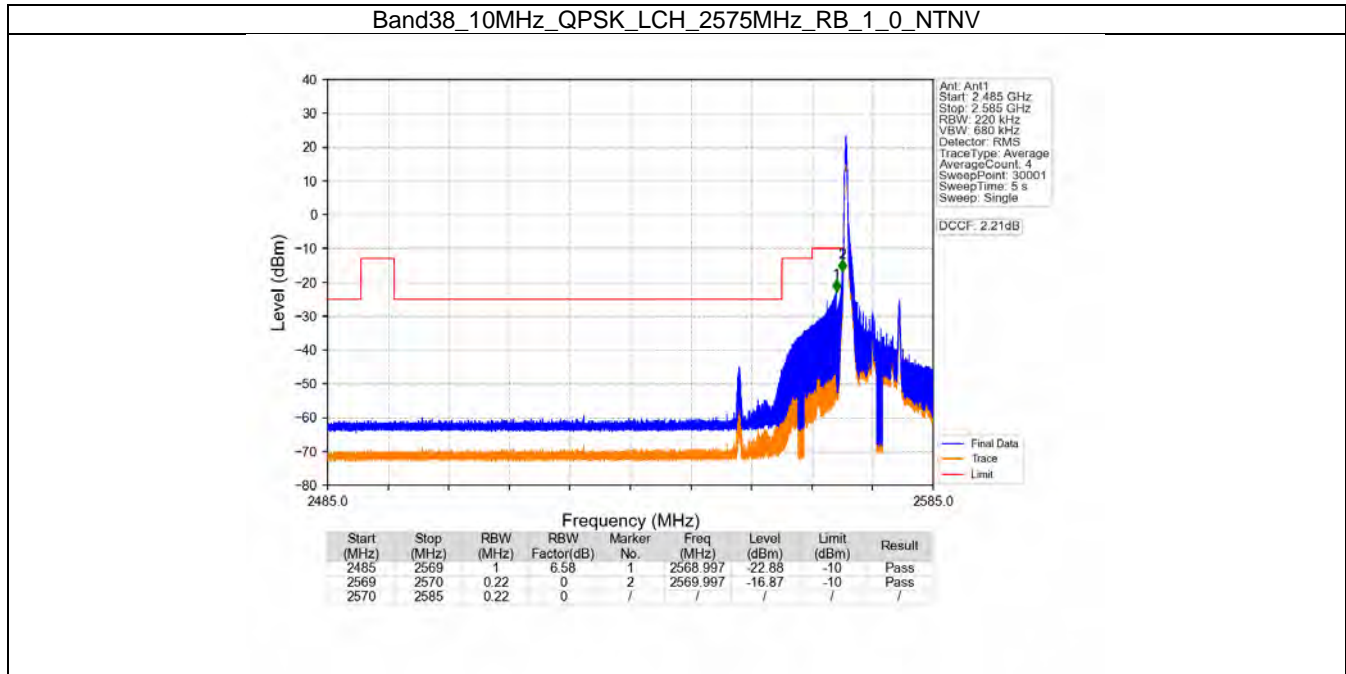


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6.2.2 Test Graph



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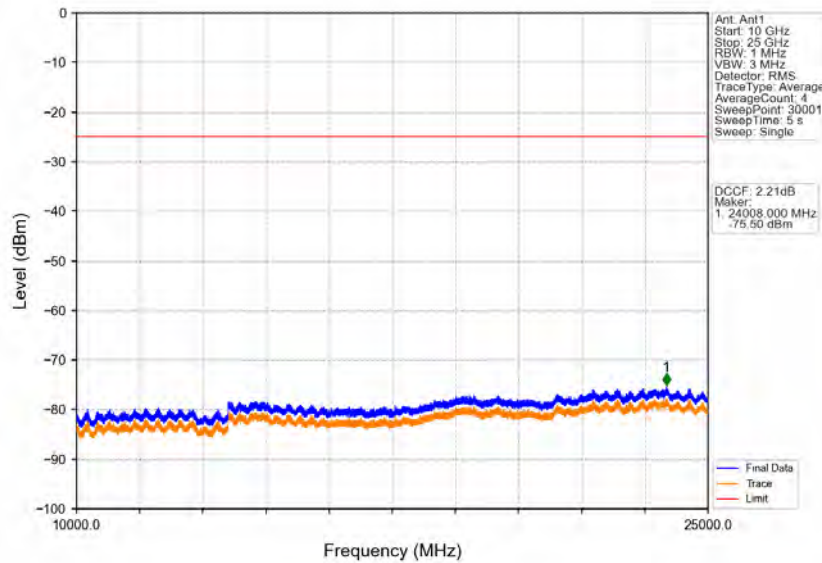
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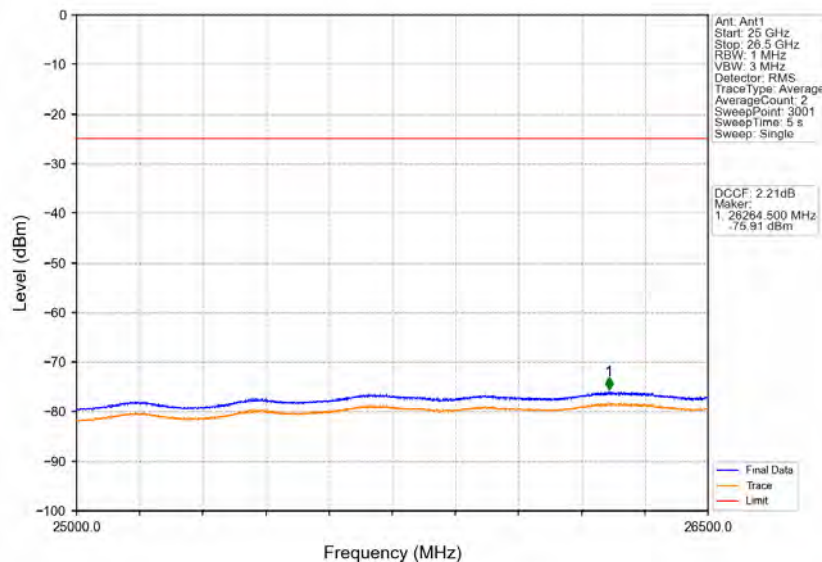
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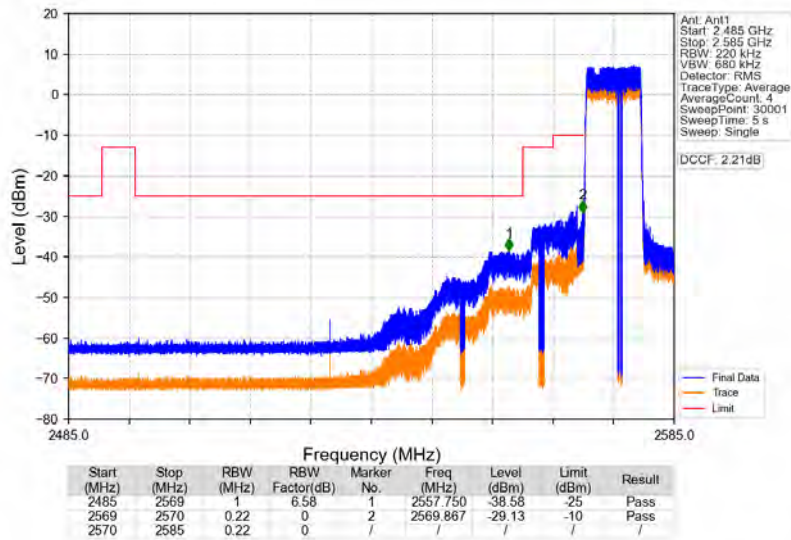
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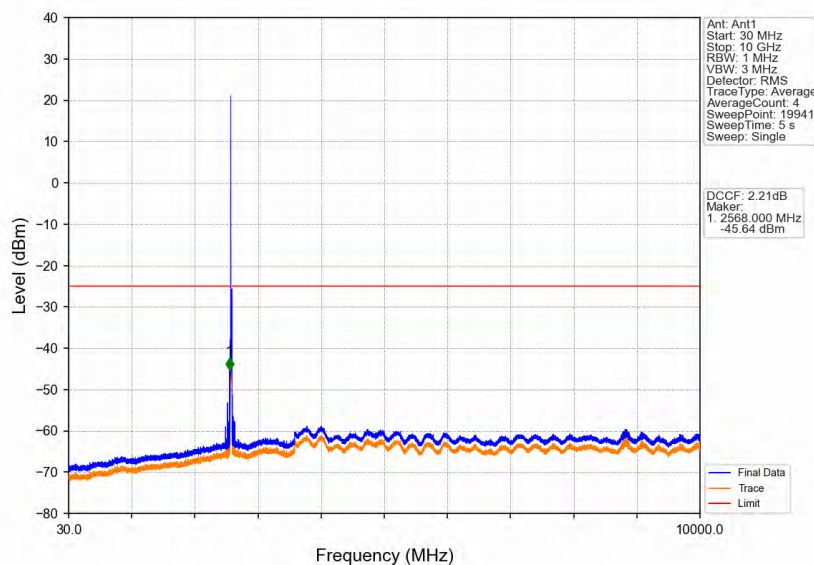
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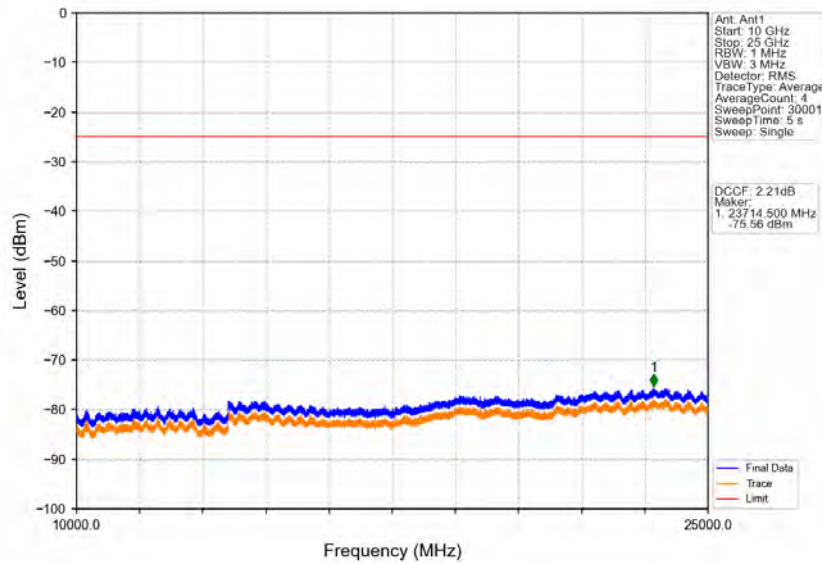
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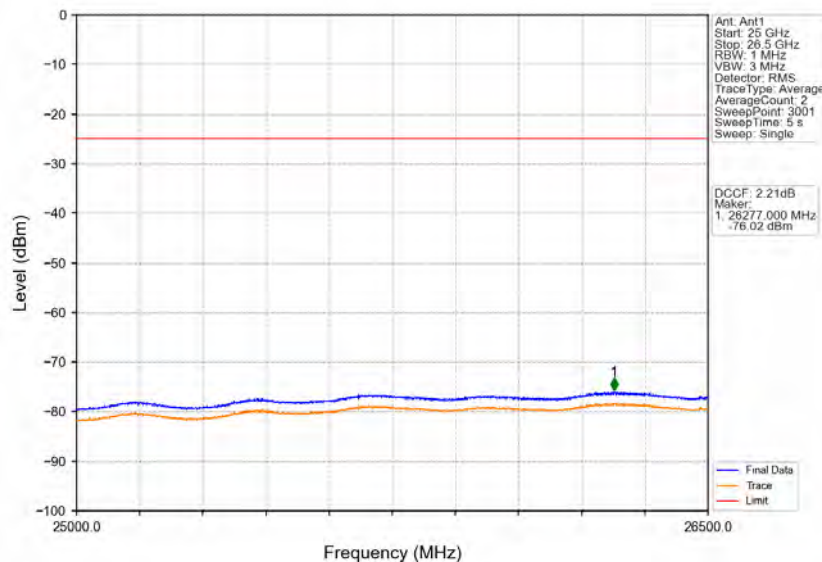
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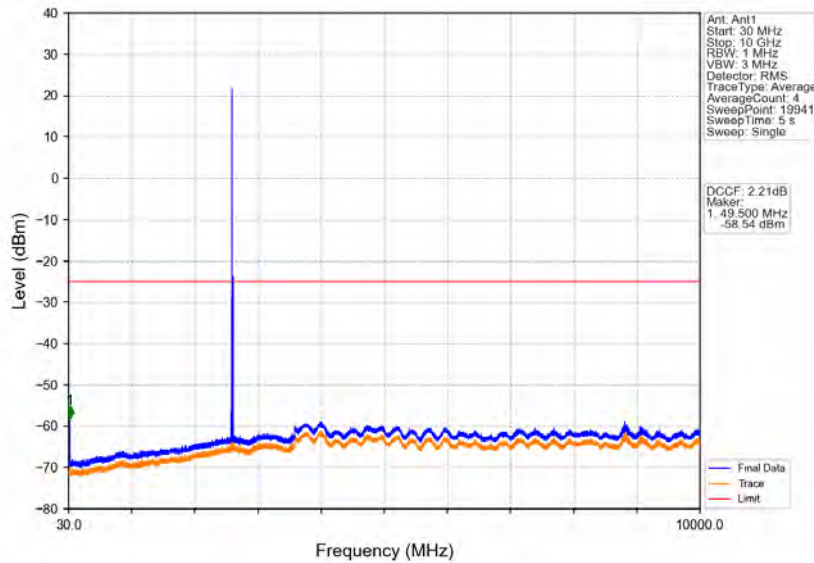
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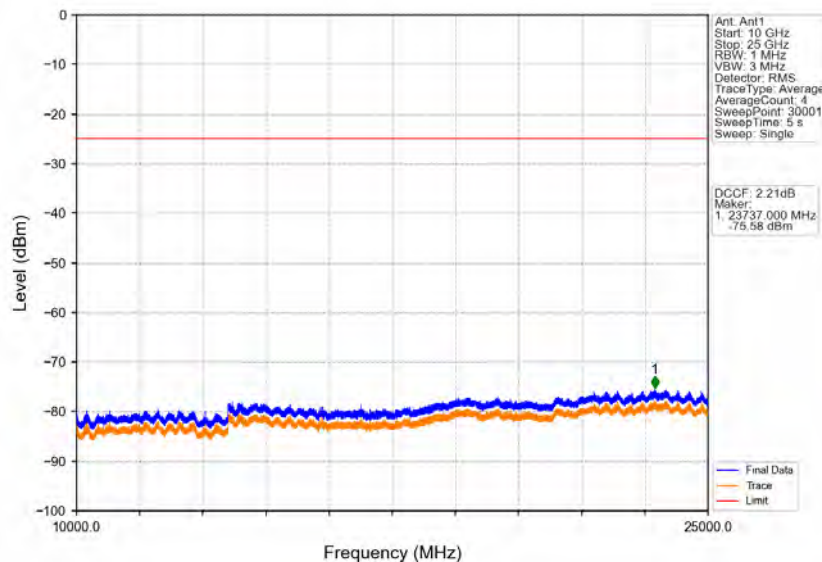
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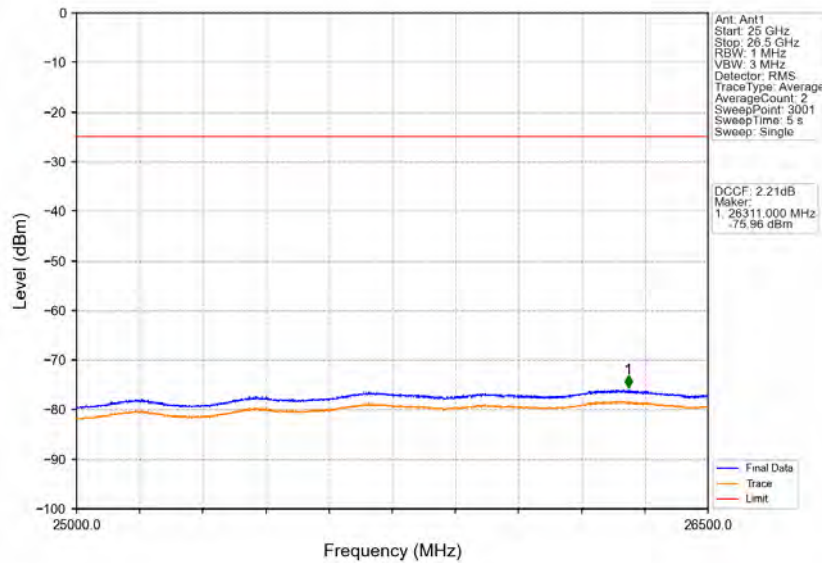
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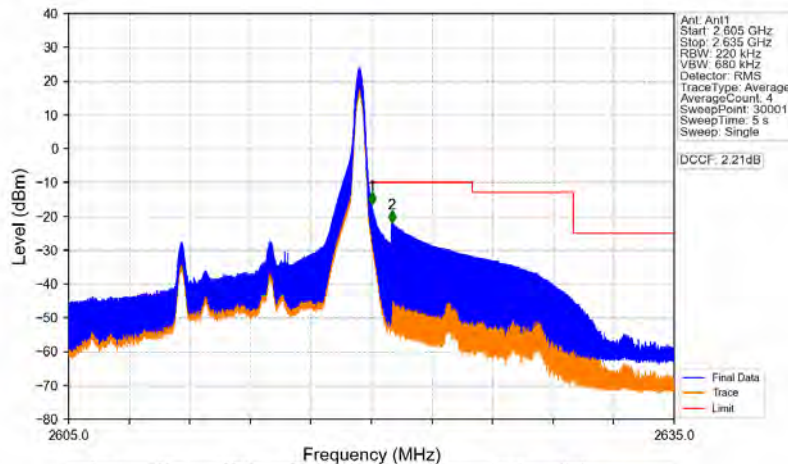


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 EMC Laboratory

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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.22	0	1	2620.026	-16.43	-10	Pass
2620	2621	0.22	0	2	2621.012	-21.92	-10	Pass
2621	2635	1	6.58					



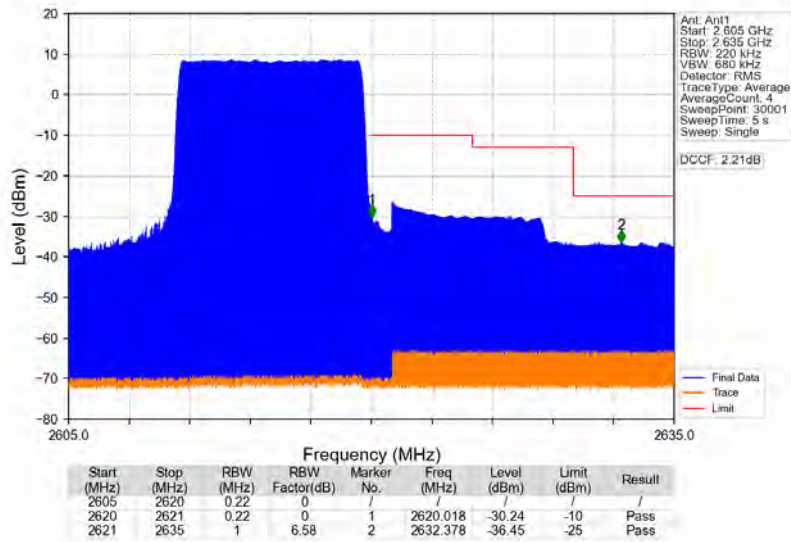
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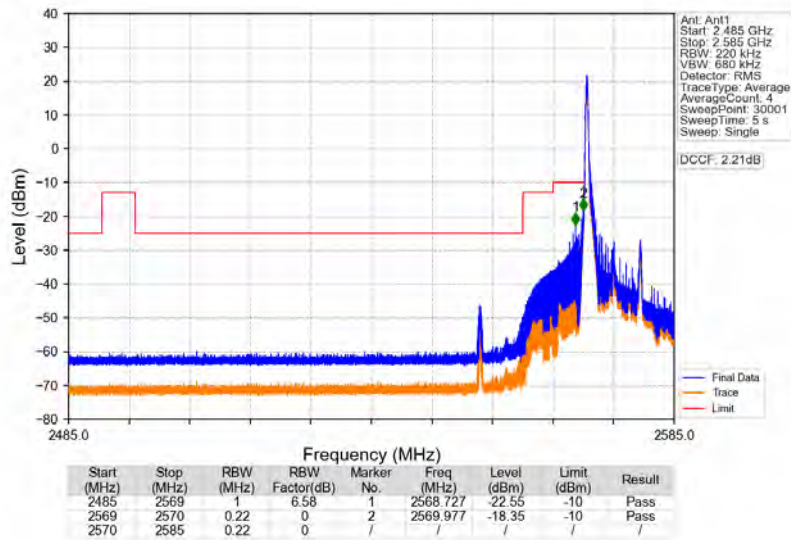
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Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



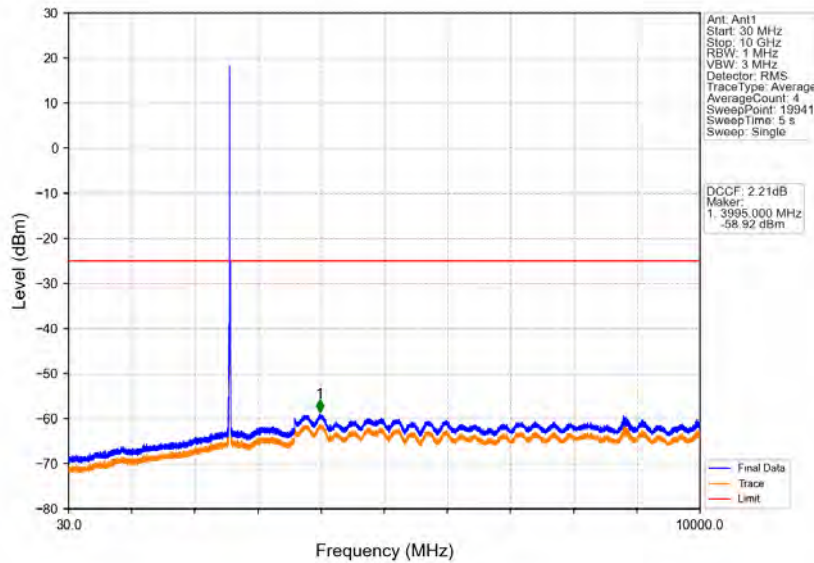
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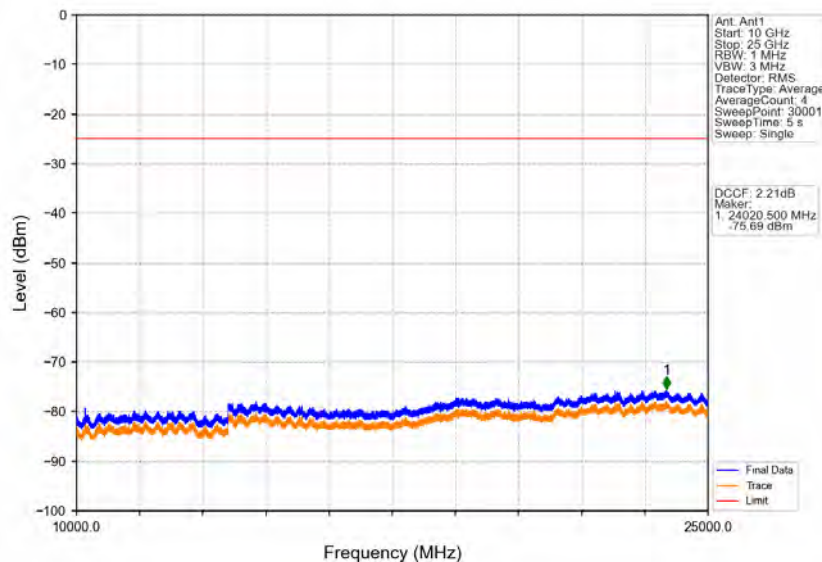
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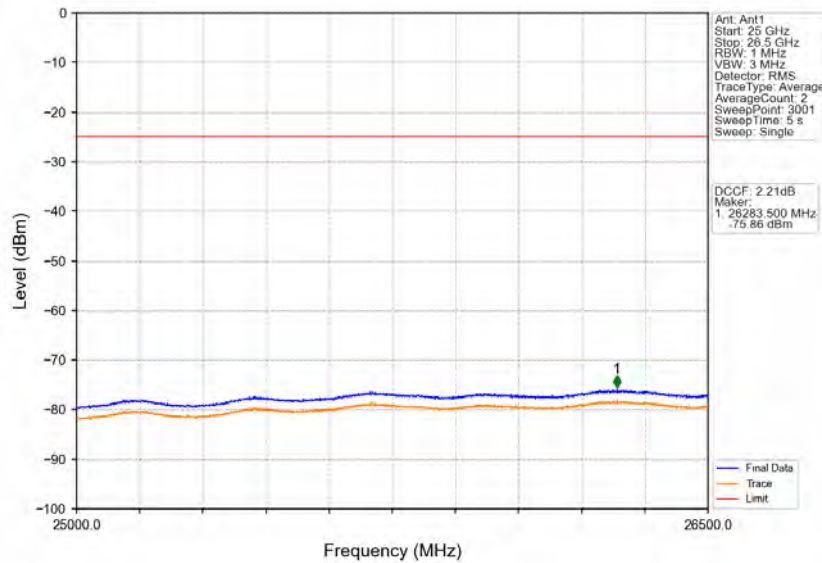
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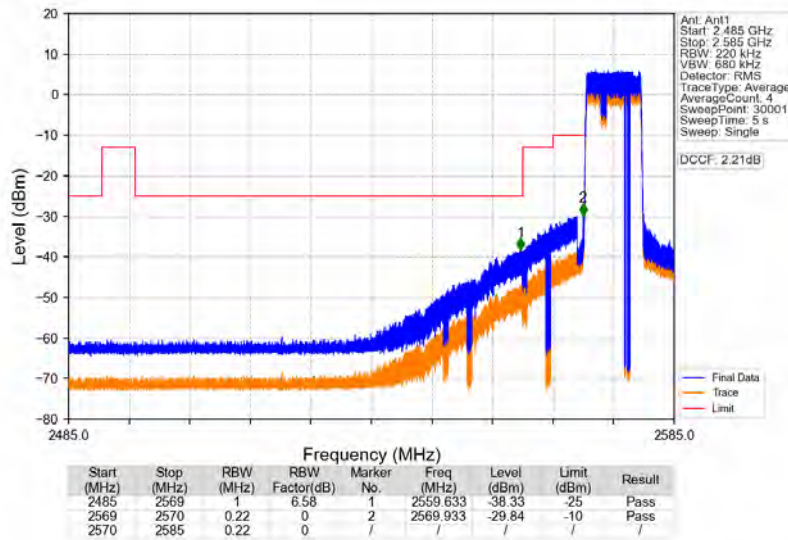
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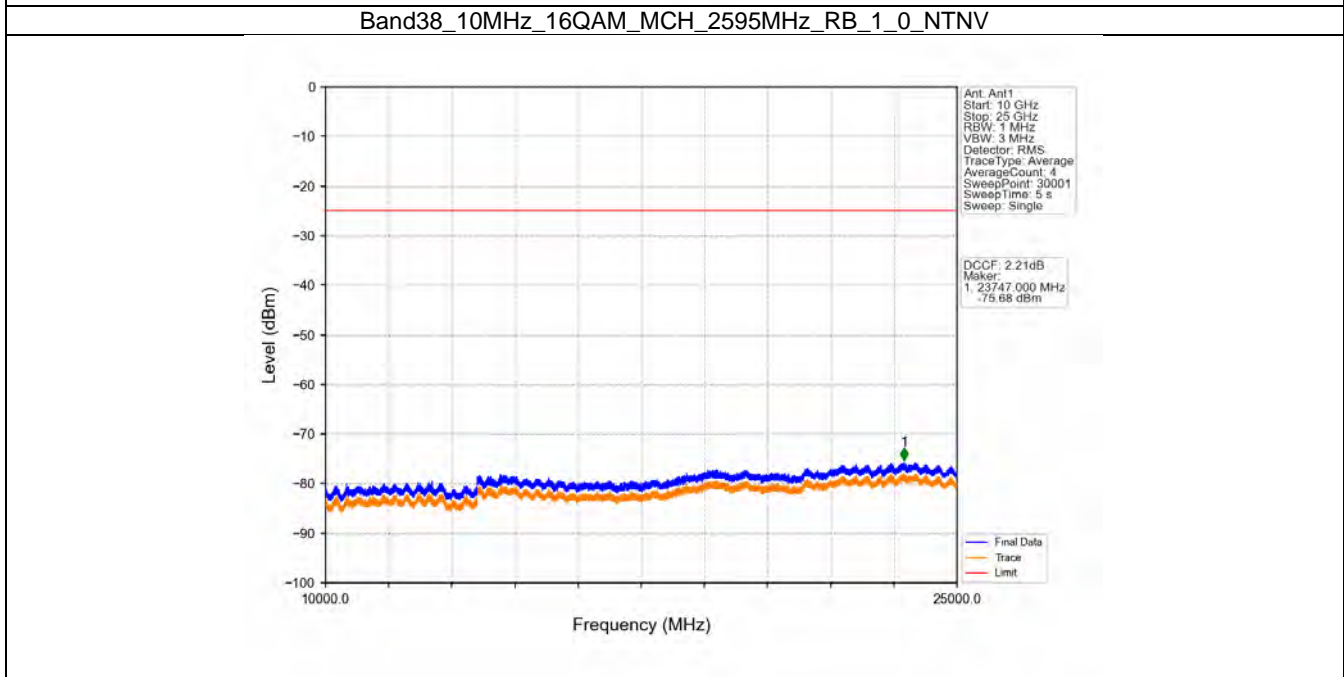
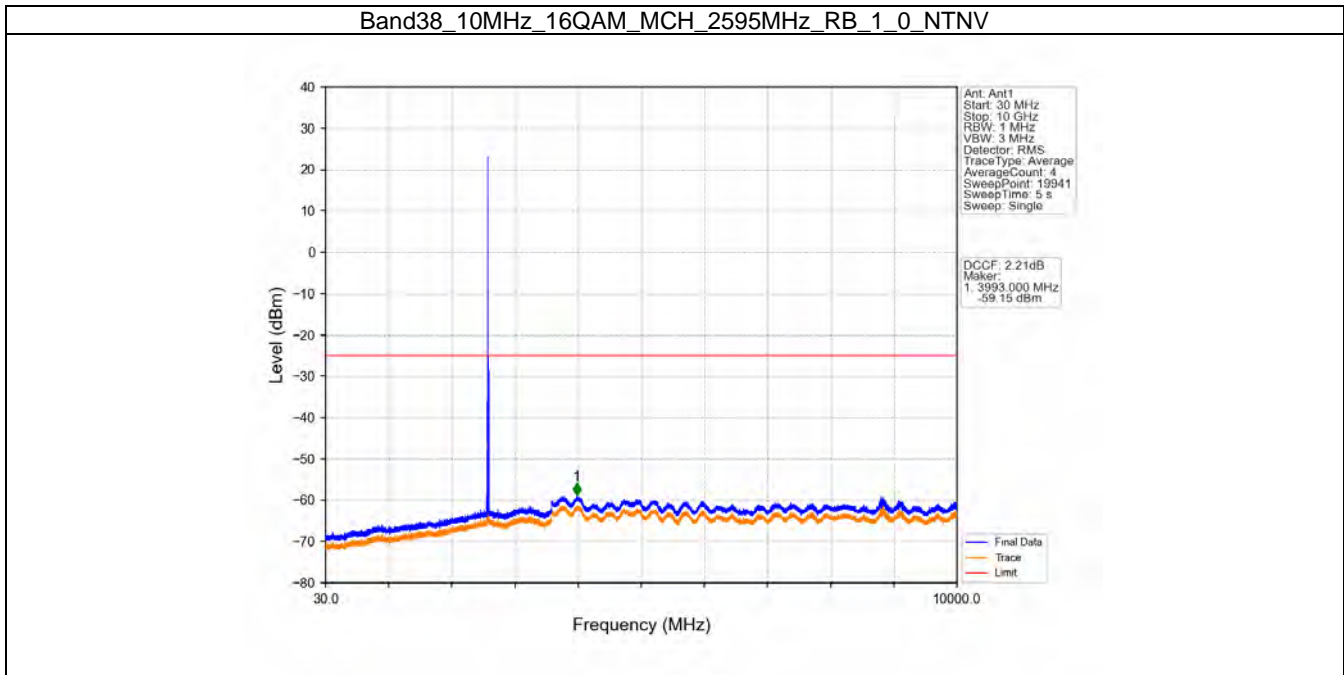


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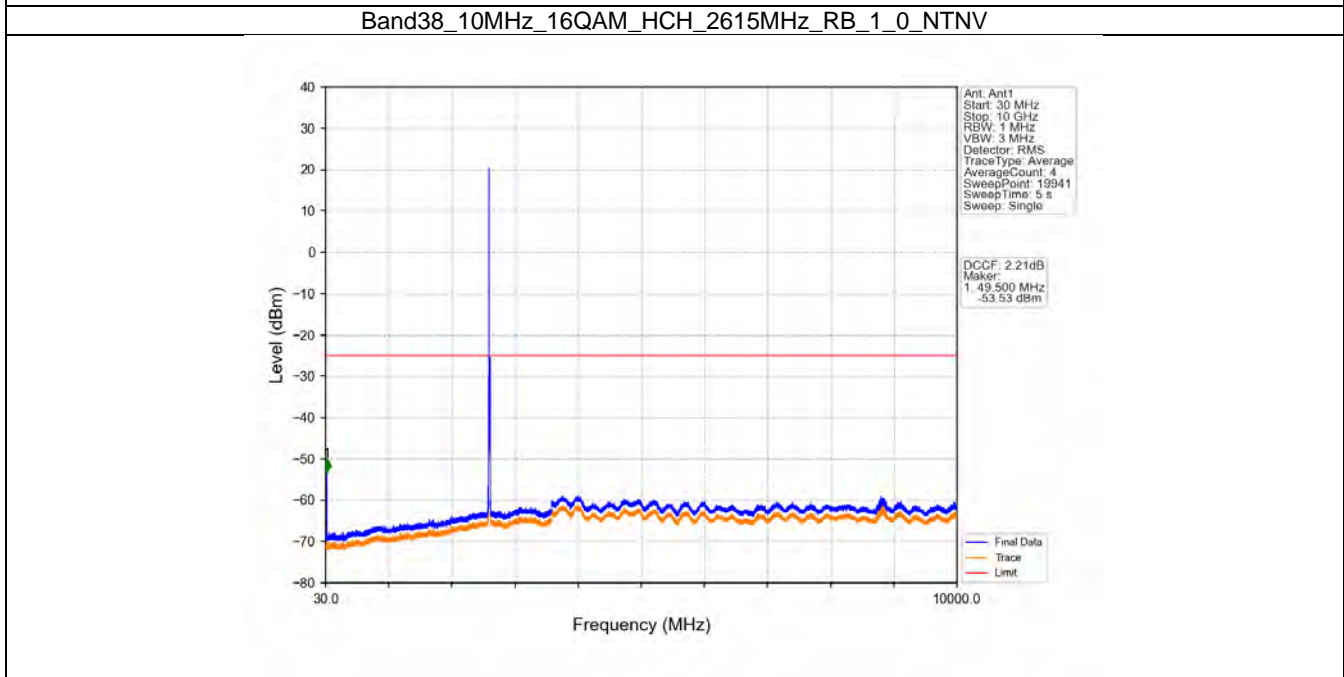
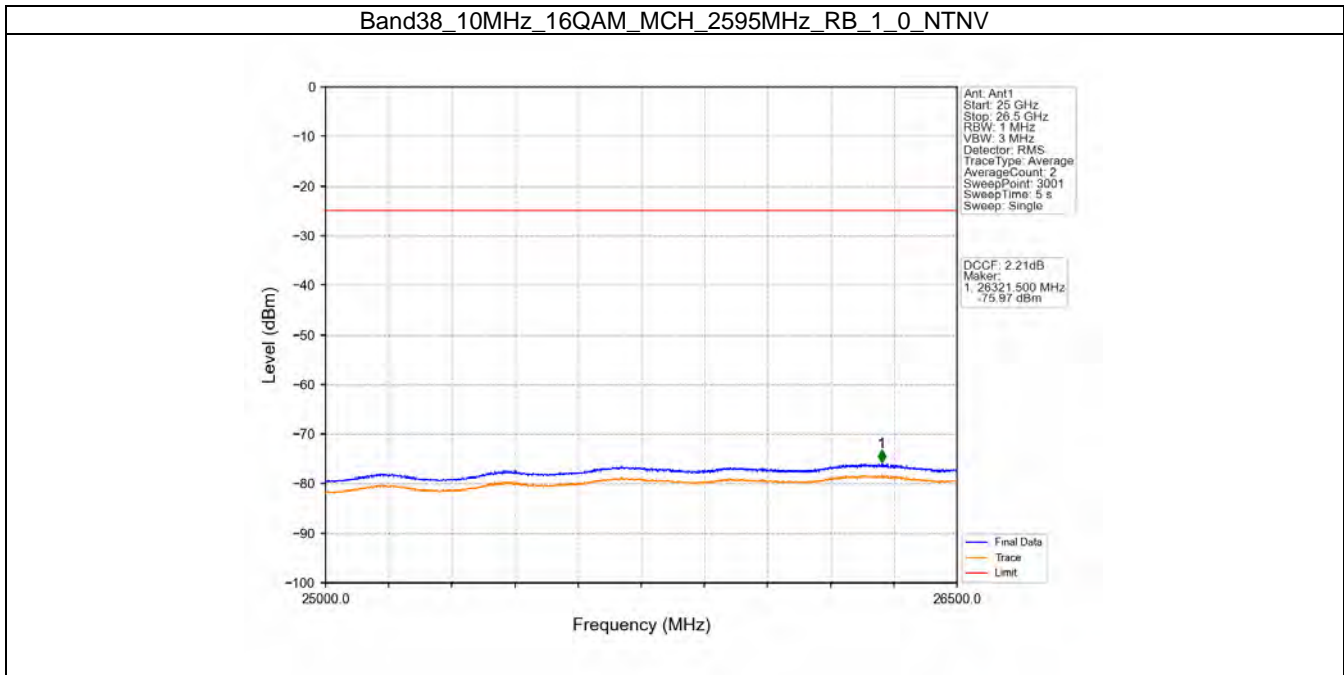
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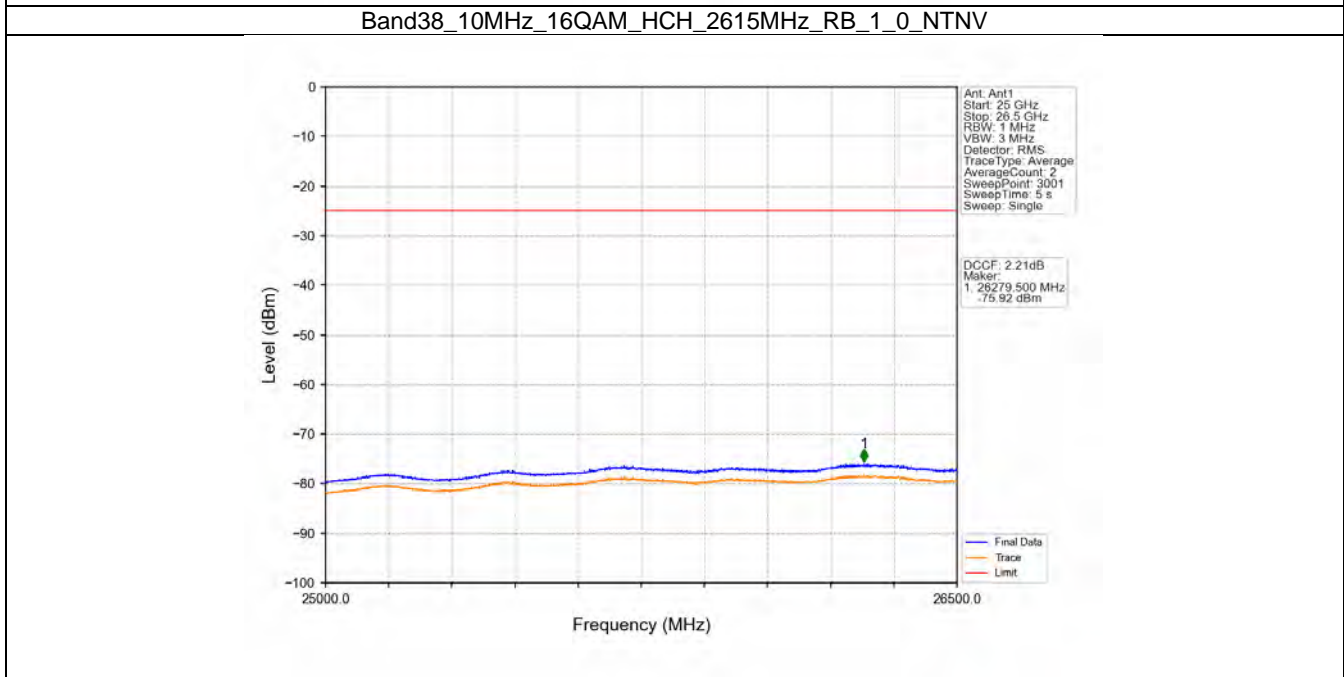
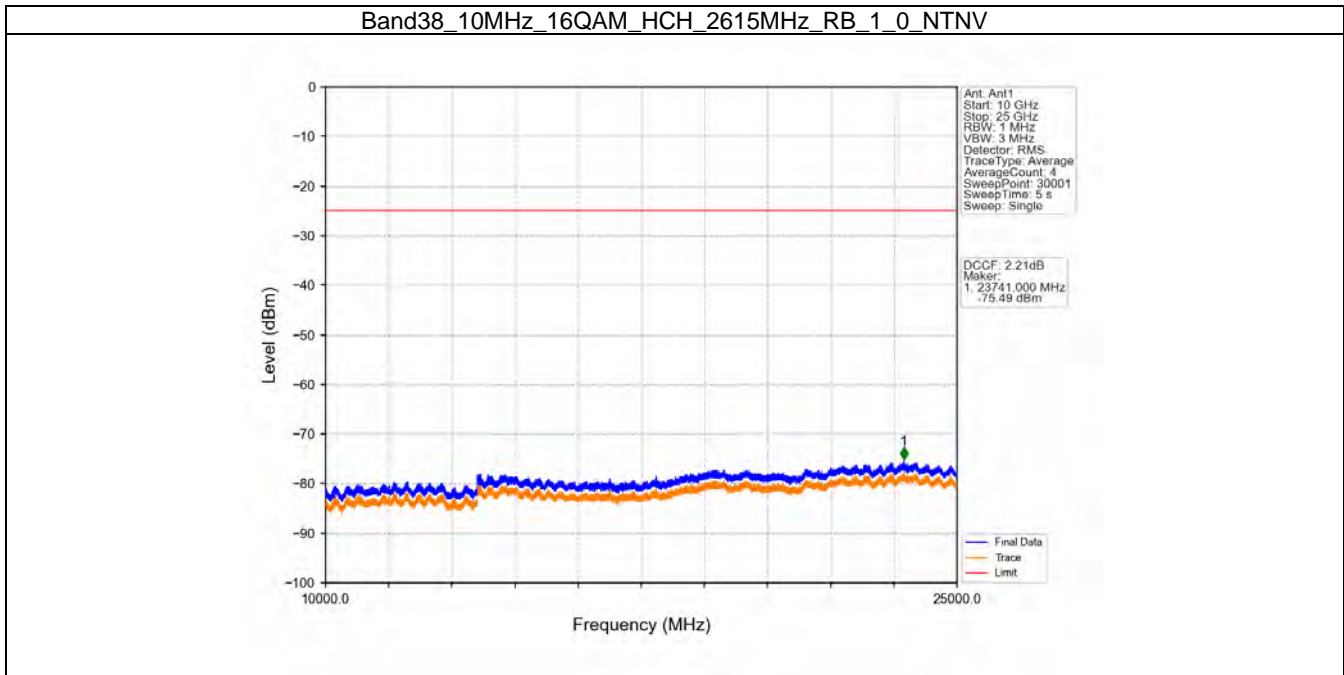


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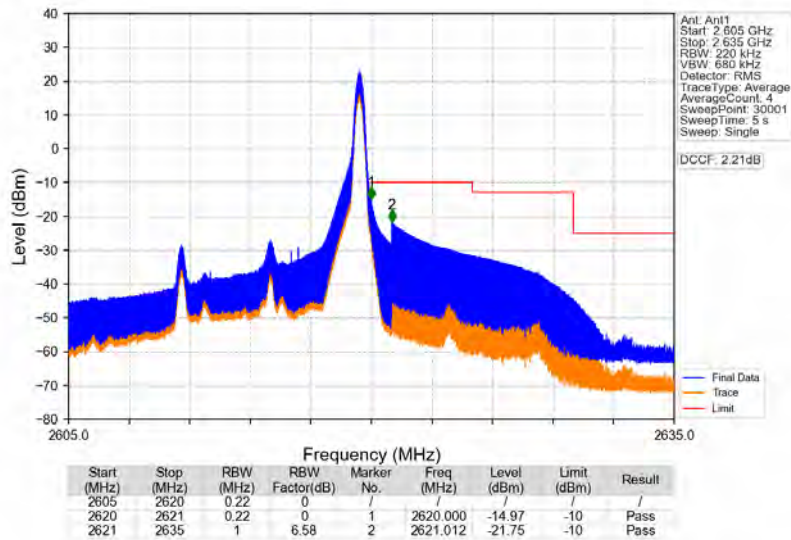
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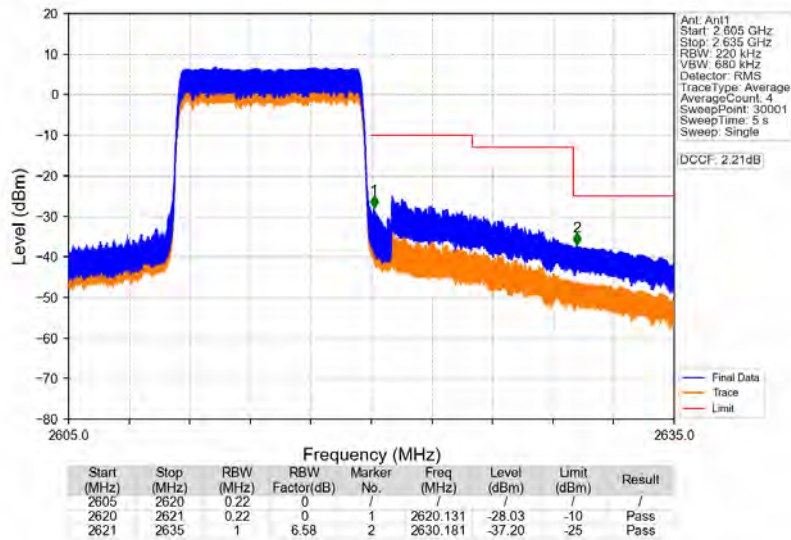
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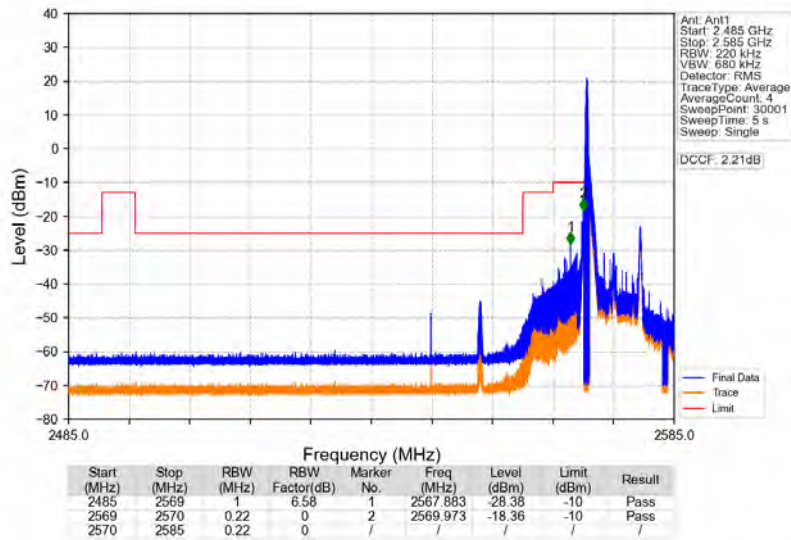
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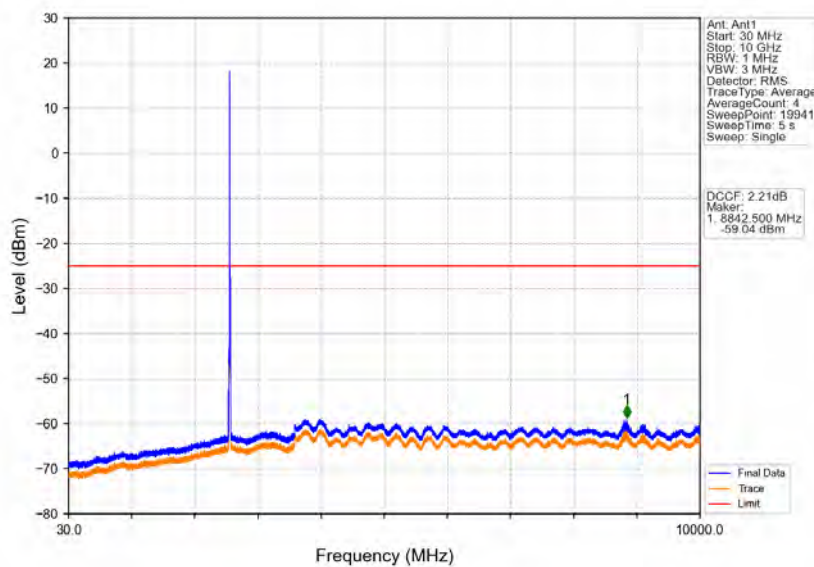
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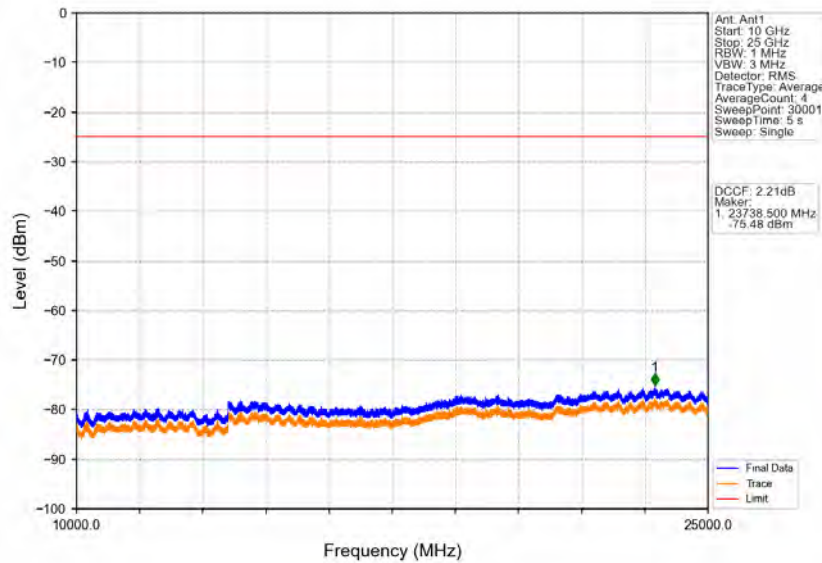
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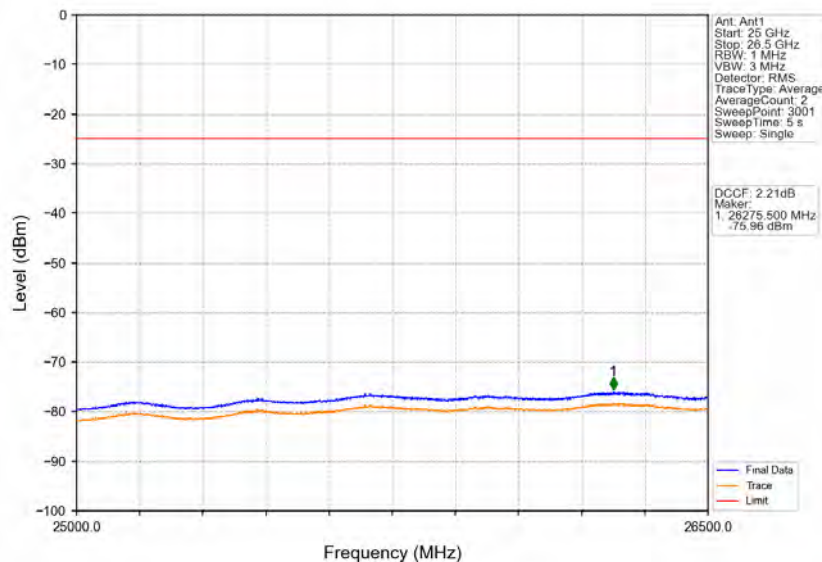
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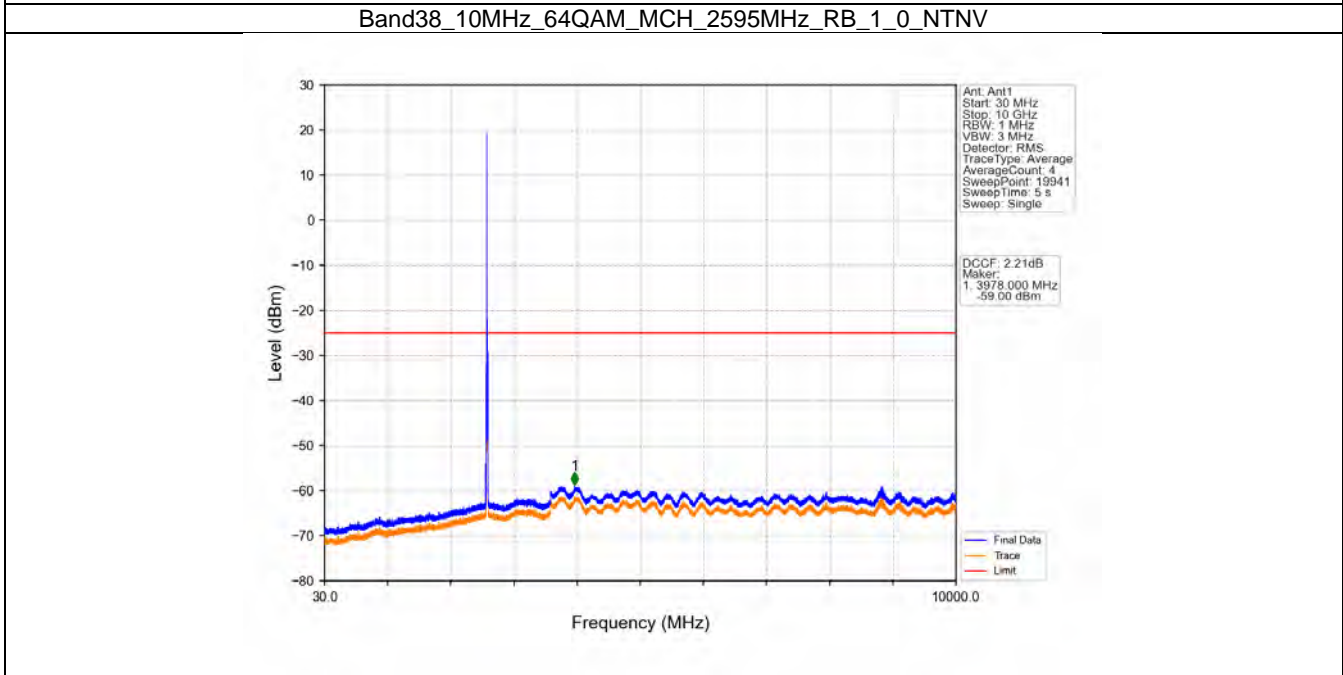
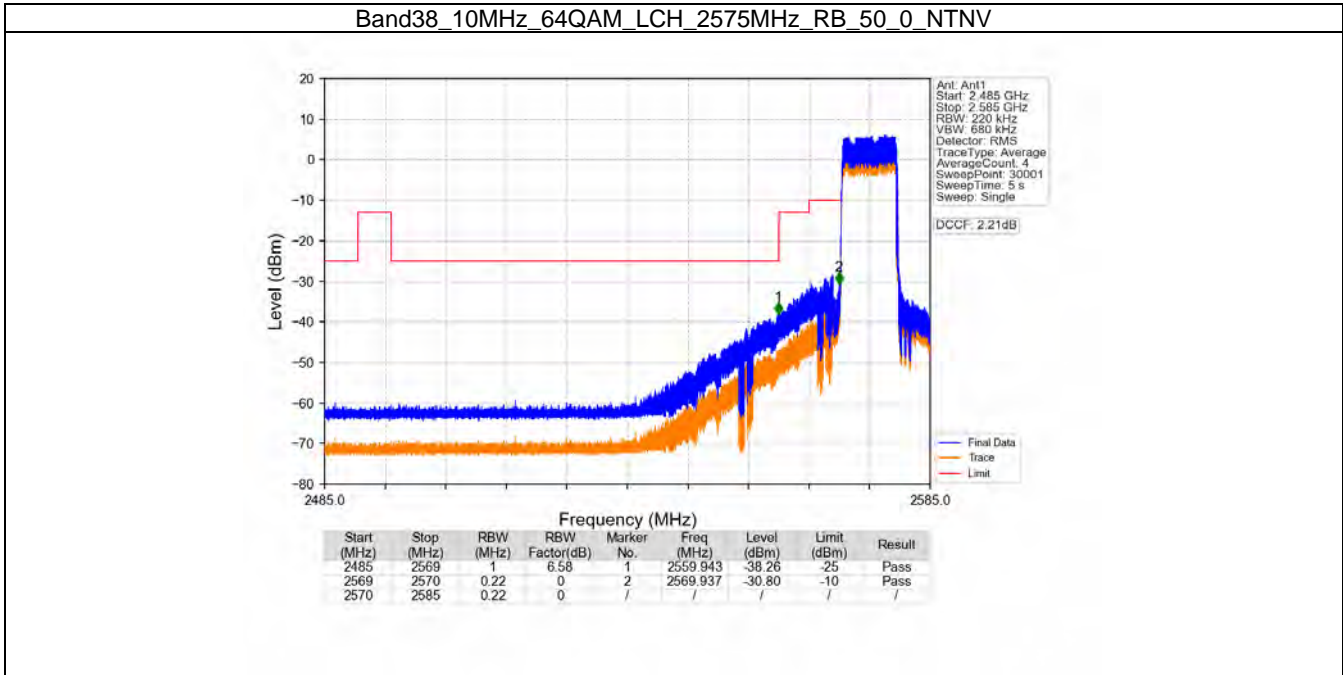


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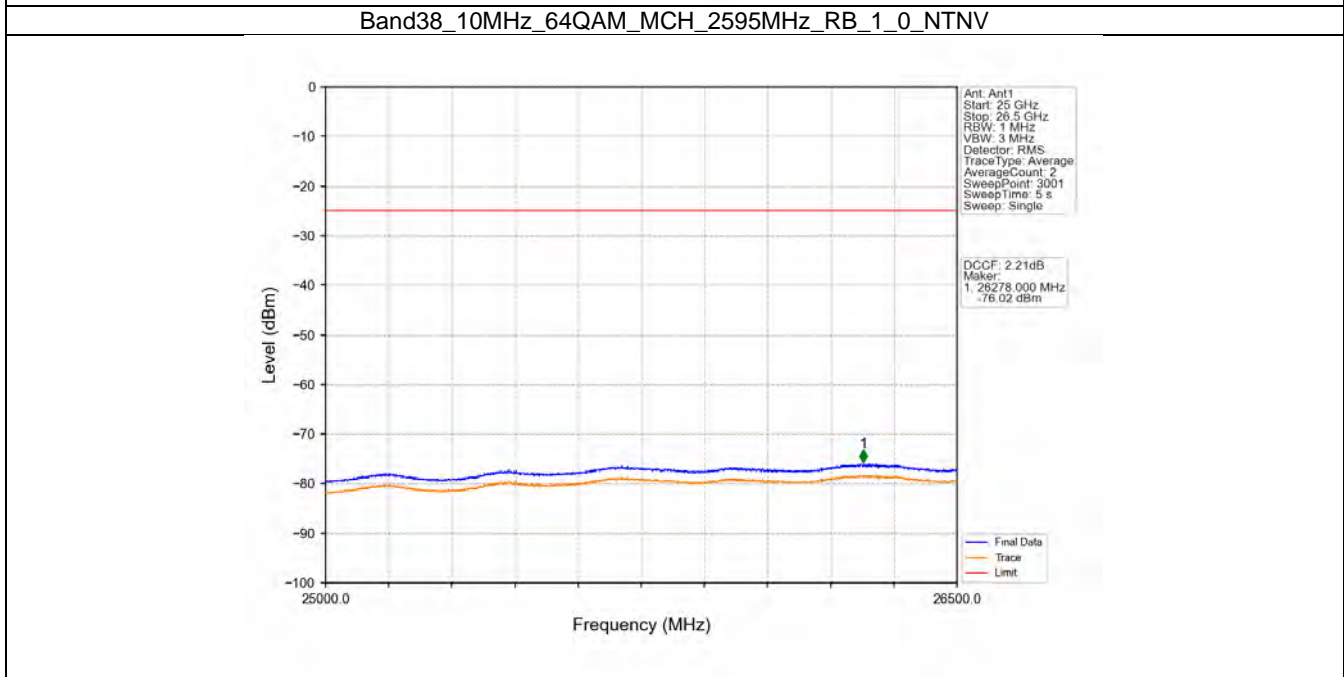
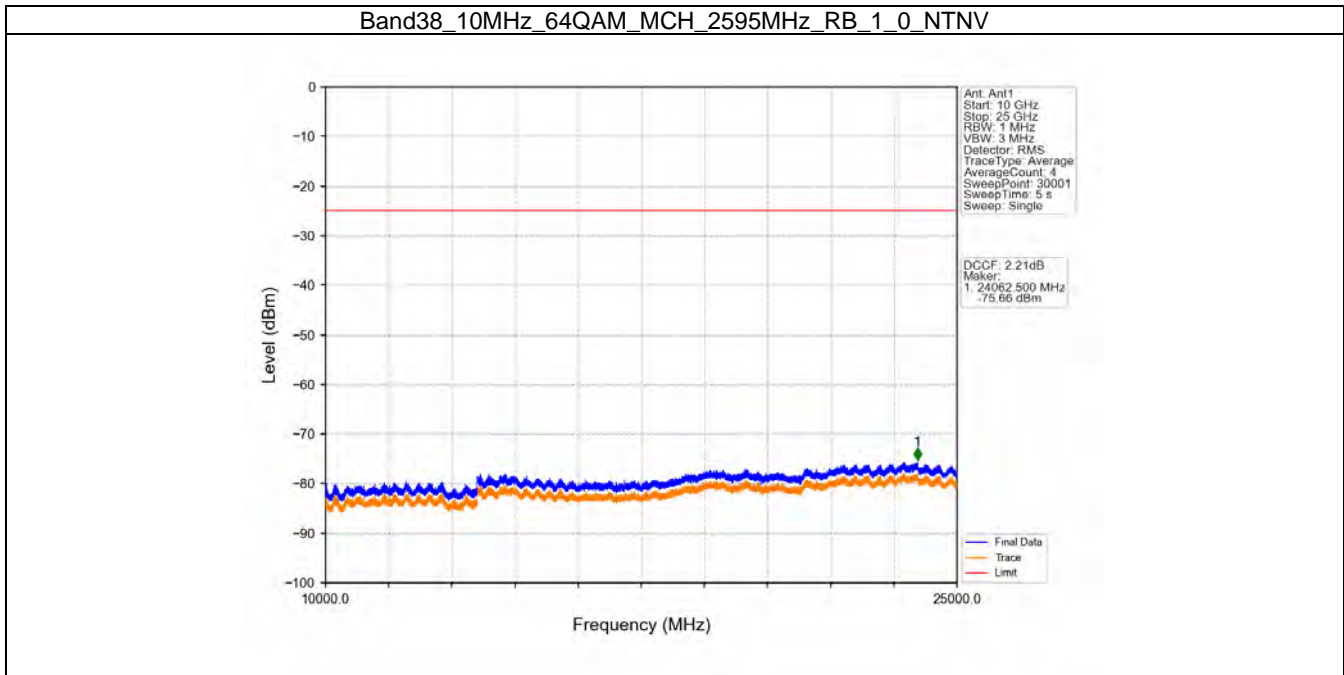
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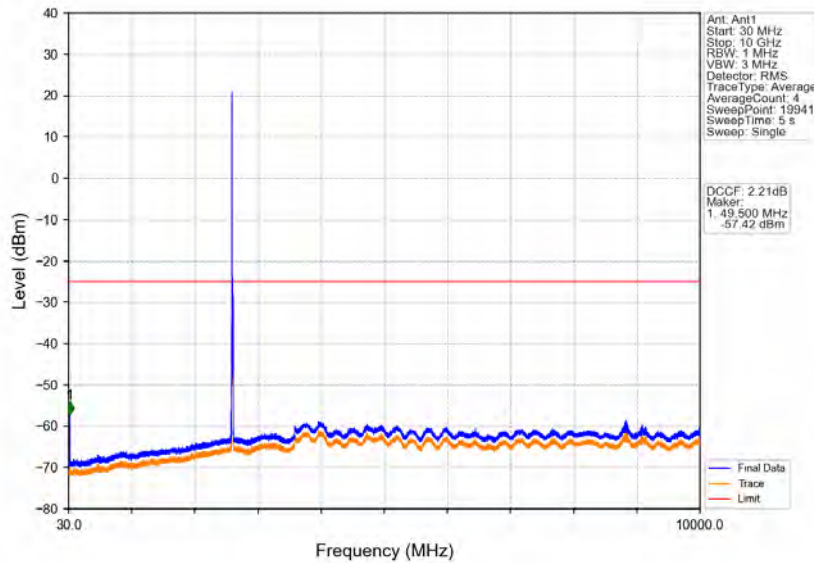
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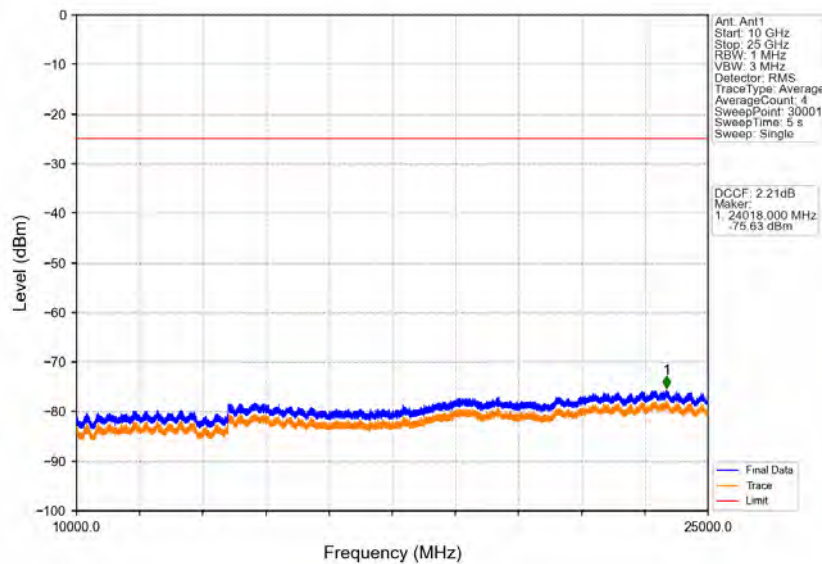
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Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTV



Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTV



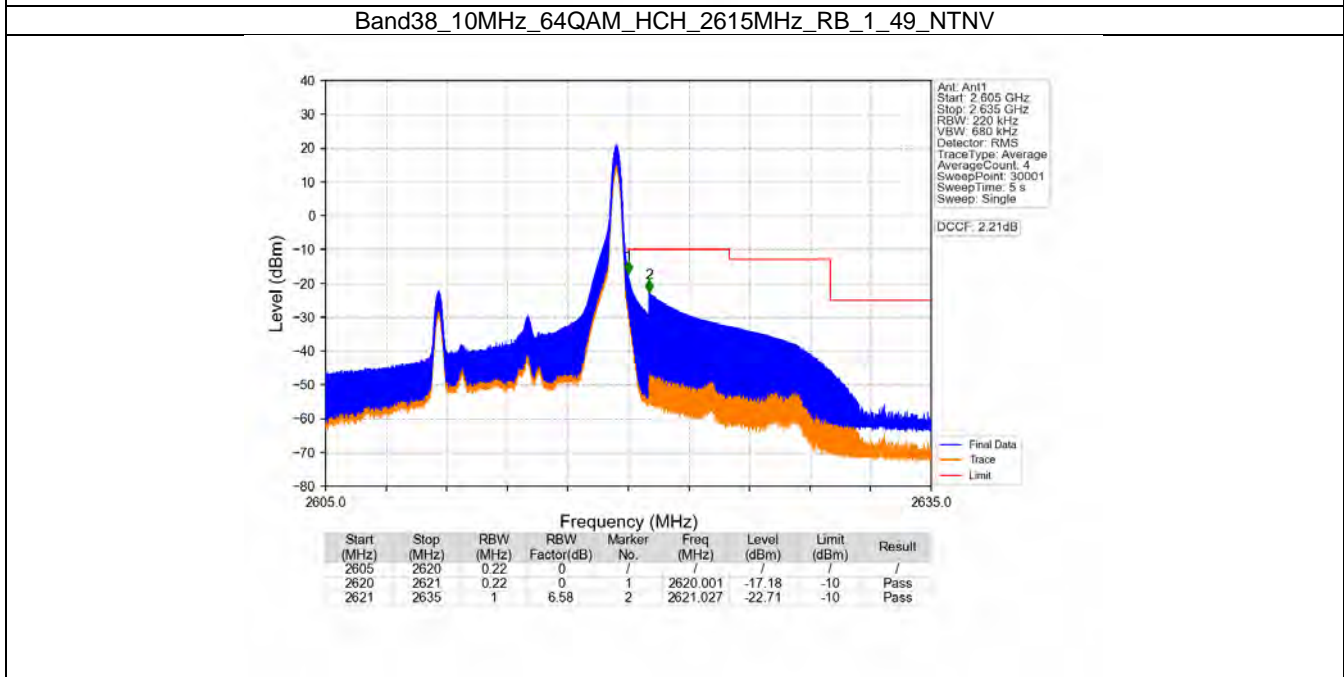
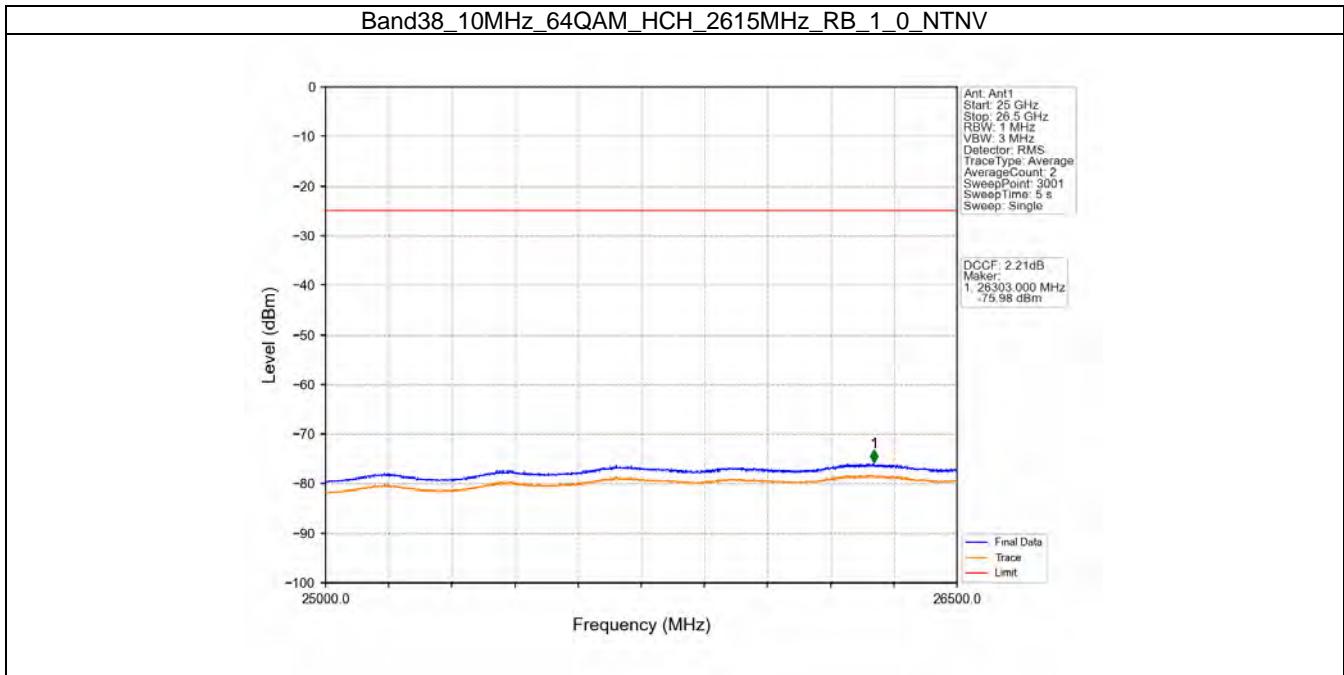
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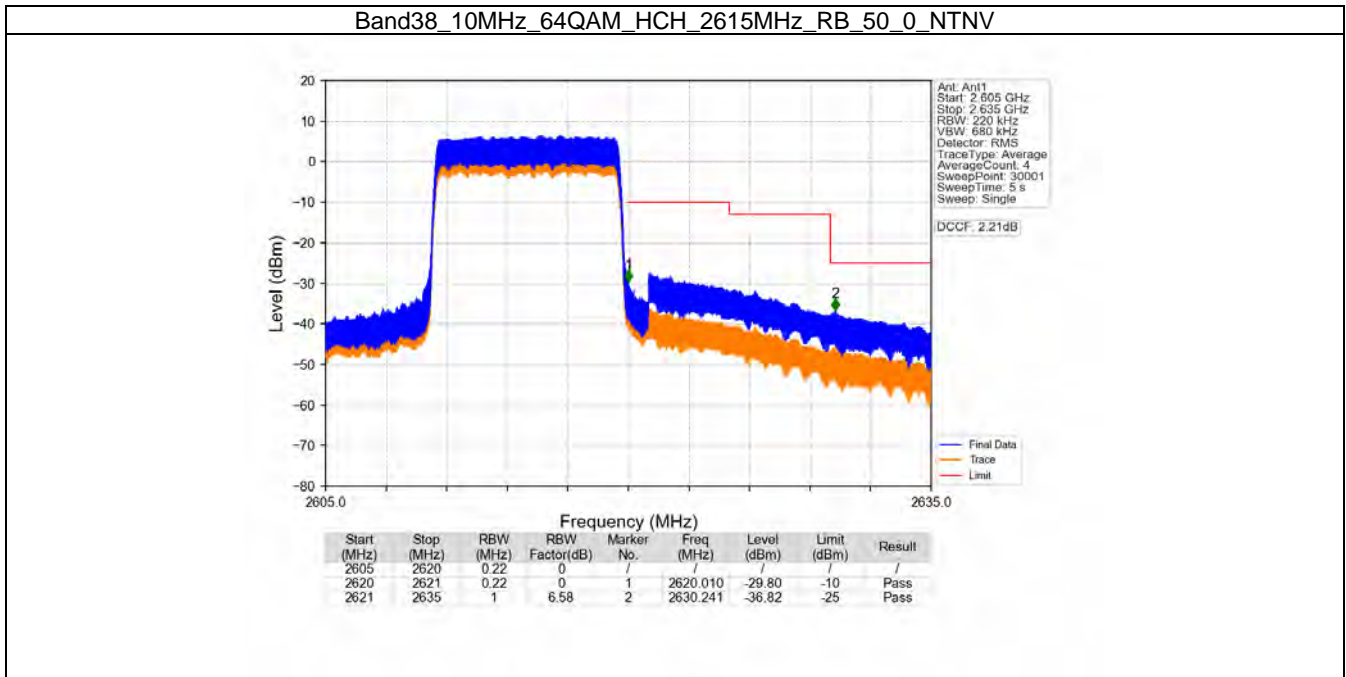


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6.3 B38_15MHz

6.3.1 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
			74	Refer To Test Graph		Pass
		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
			74	Refer To Test Graph		Pass
		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
			74	Refer To Test Graph		Pass
		0	Refer To Test Graph		Pass	

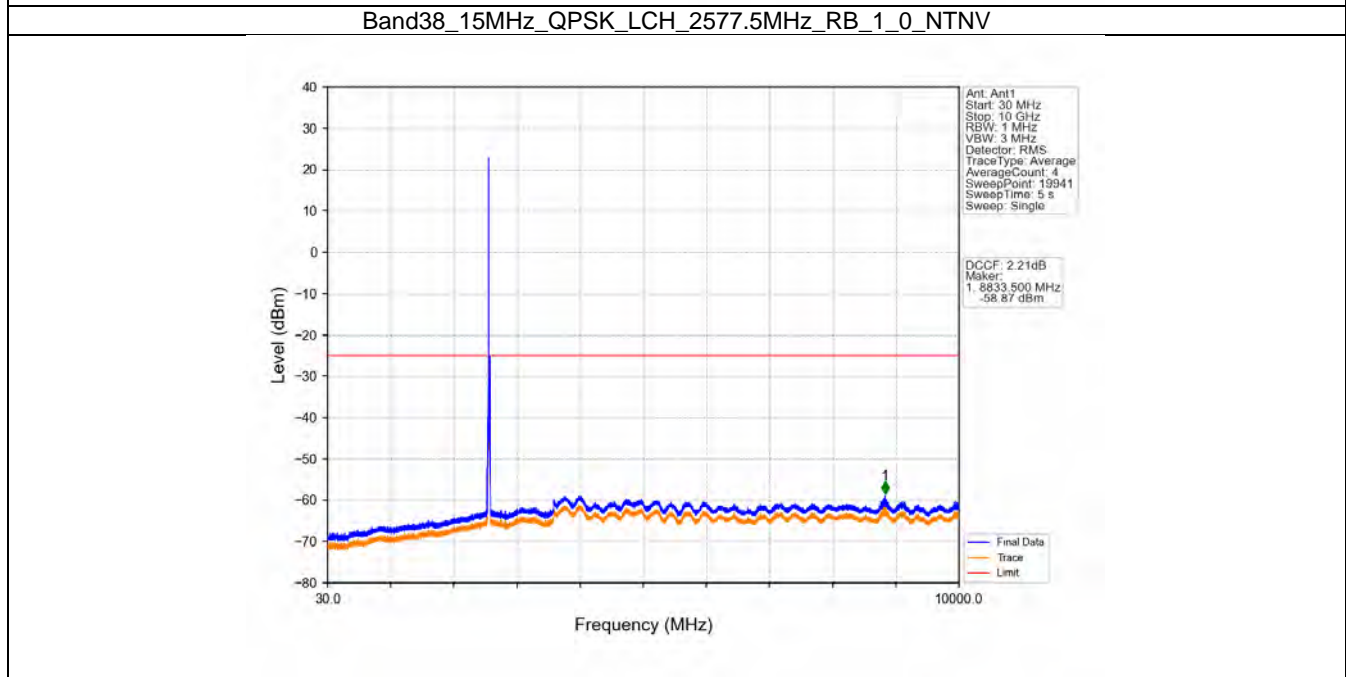
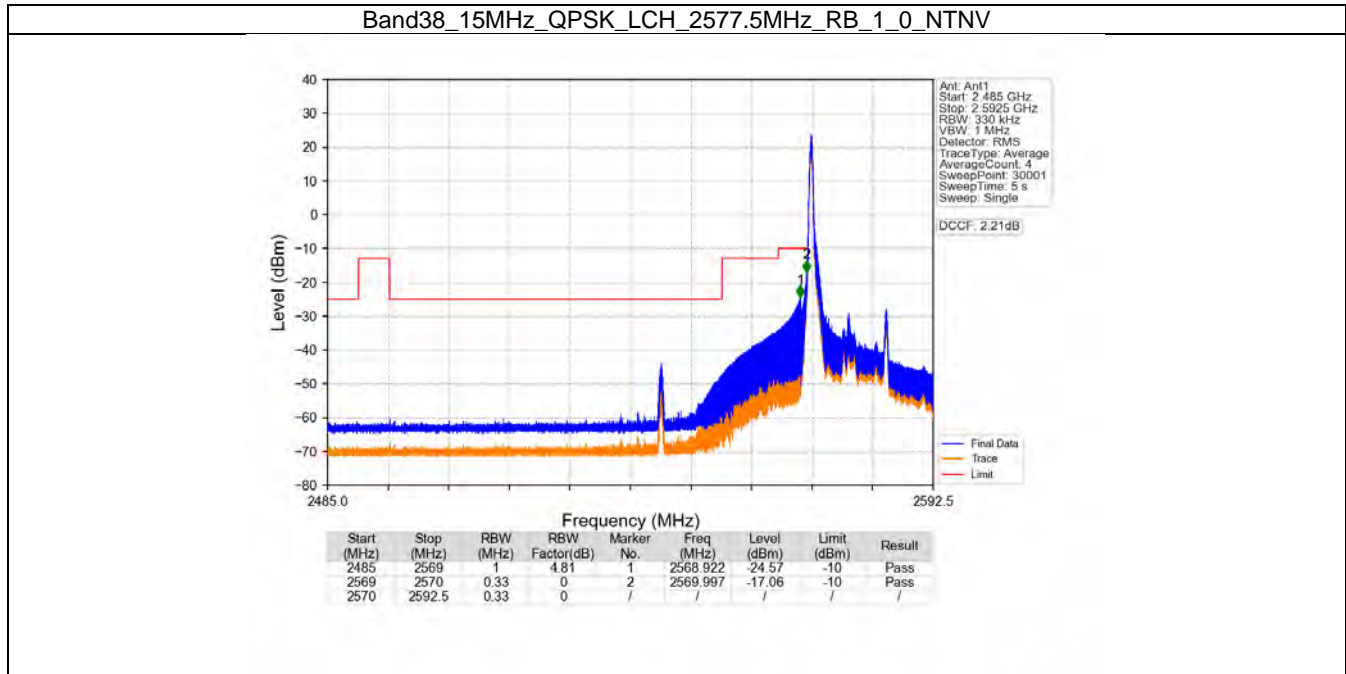


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6.3.2 Test Graph

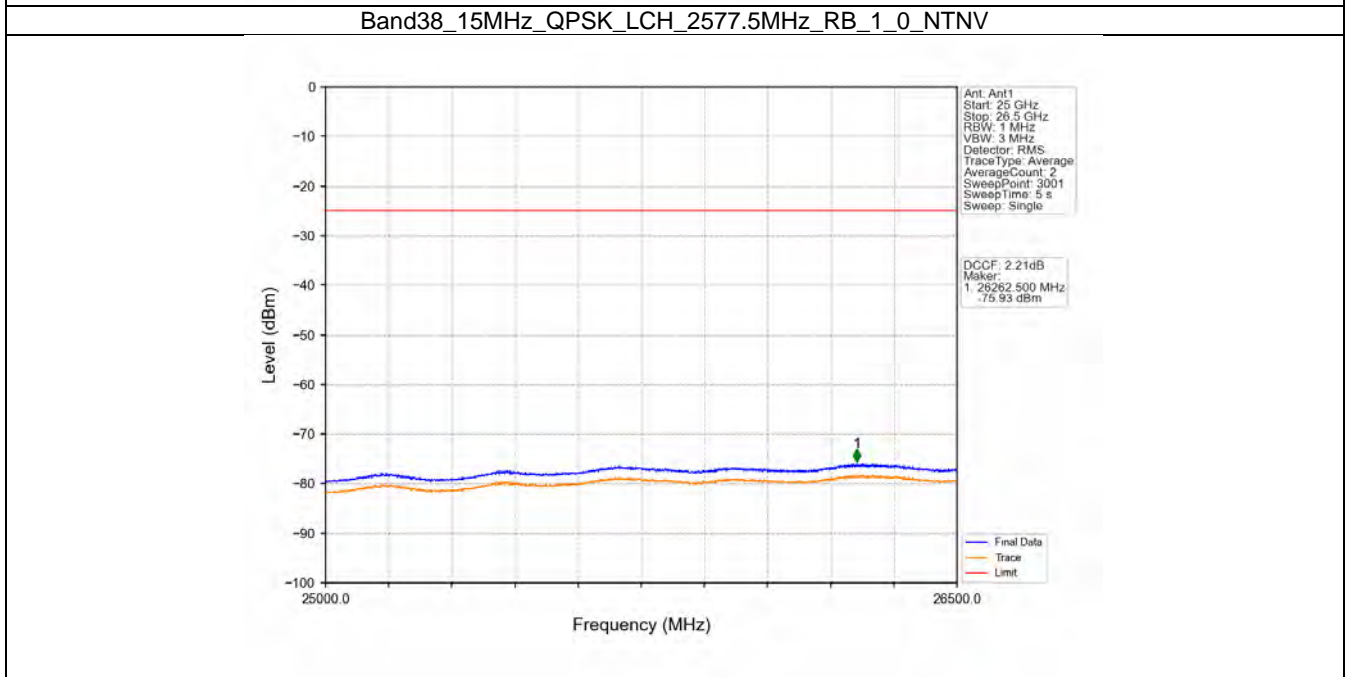
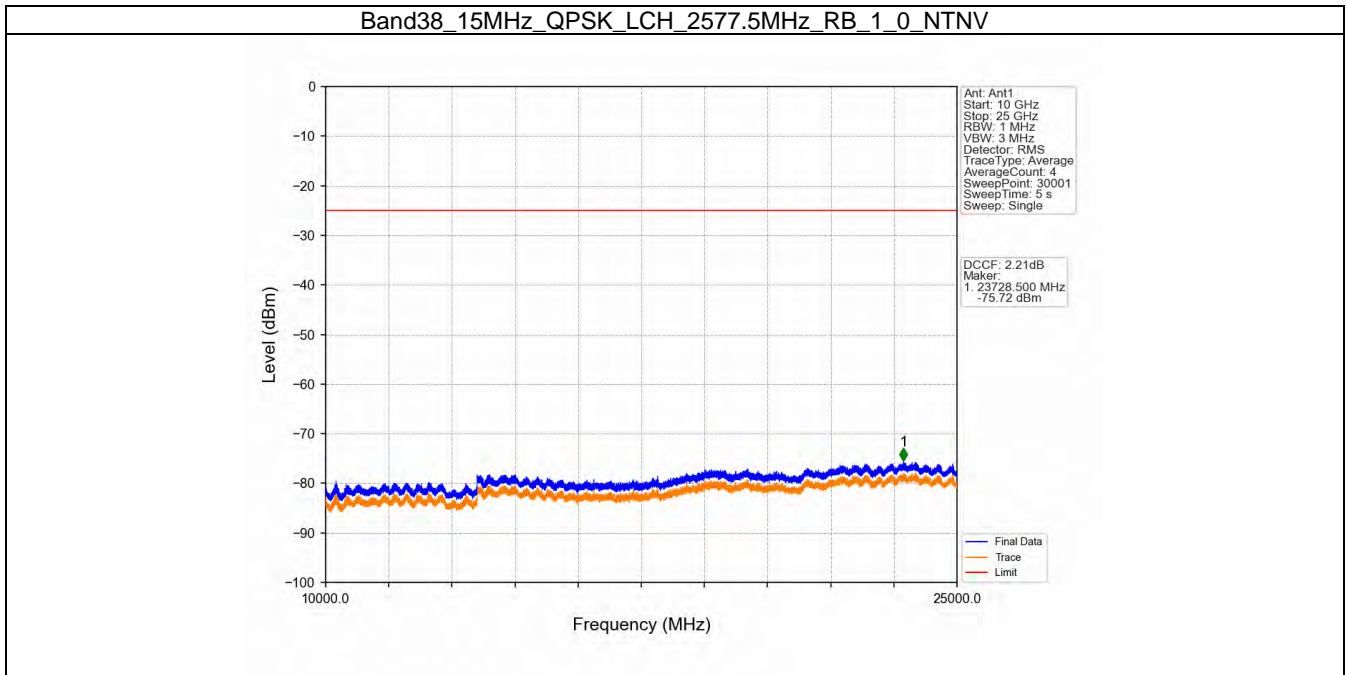


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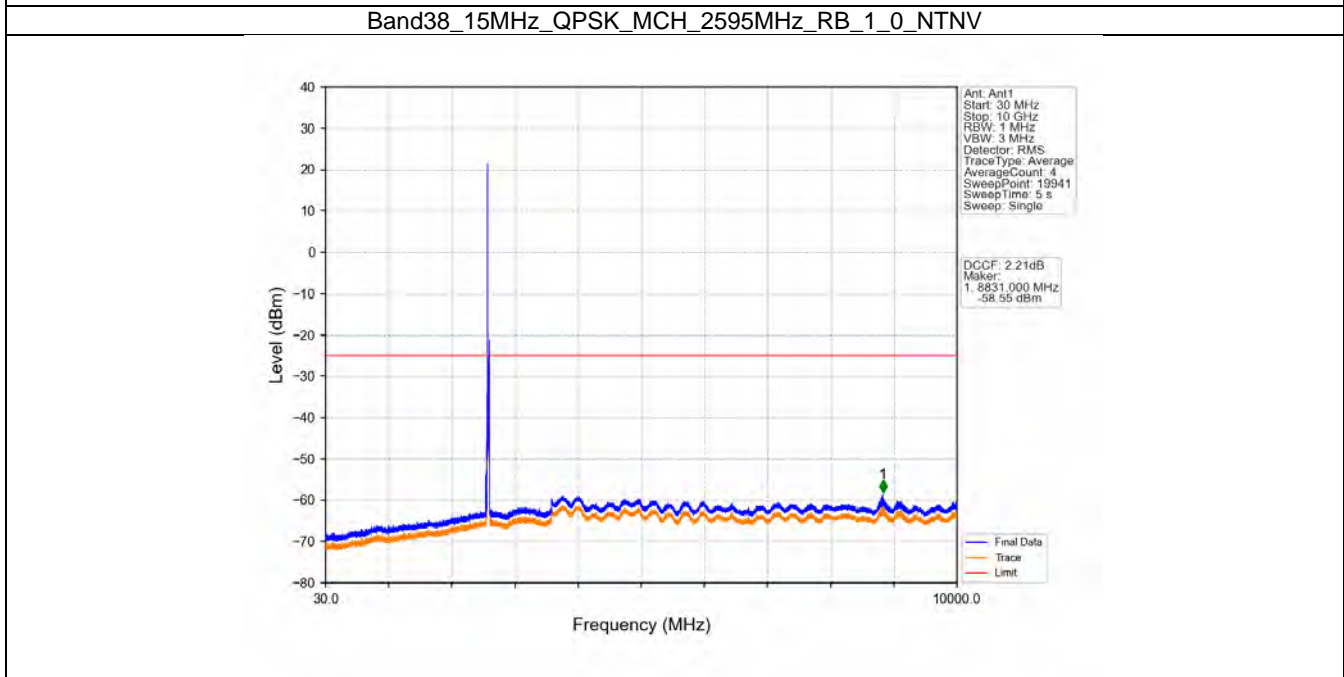
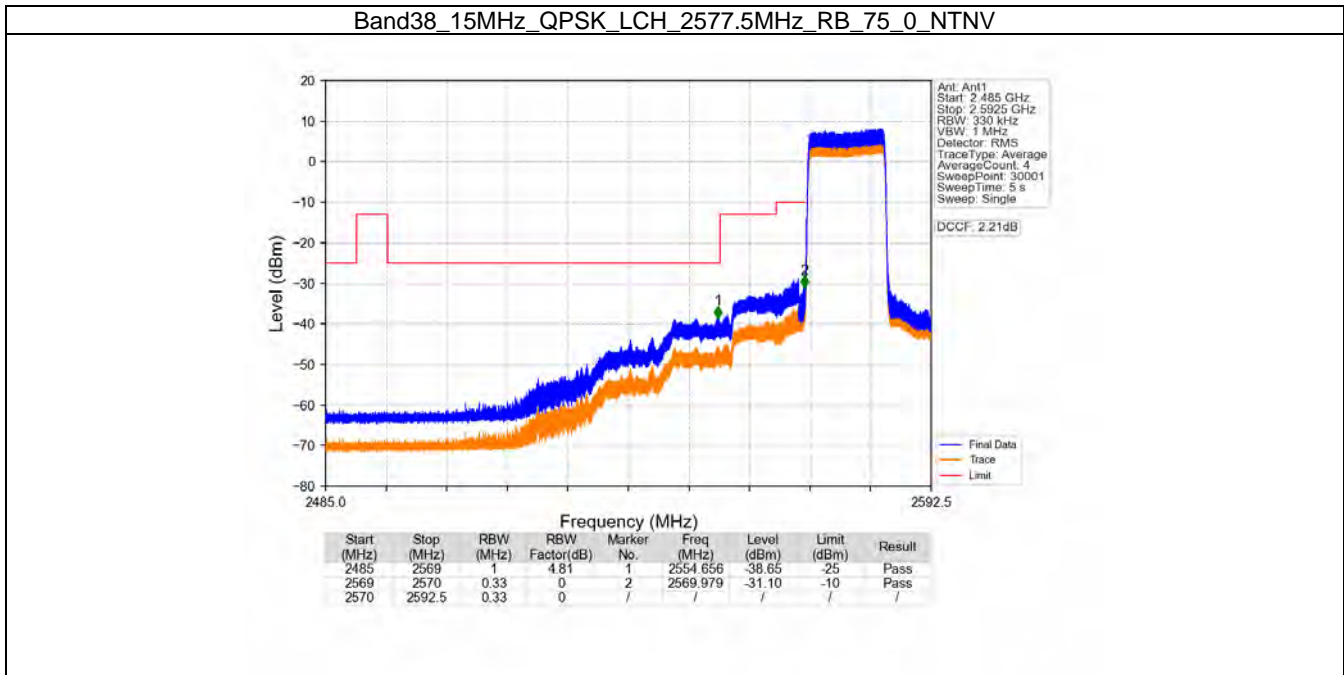


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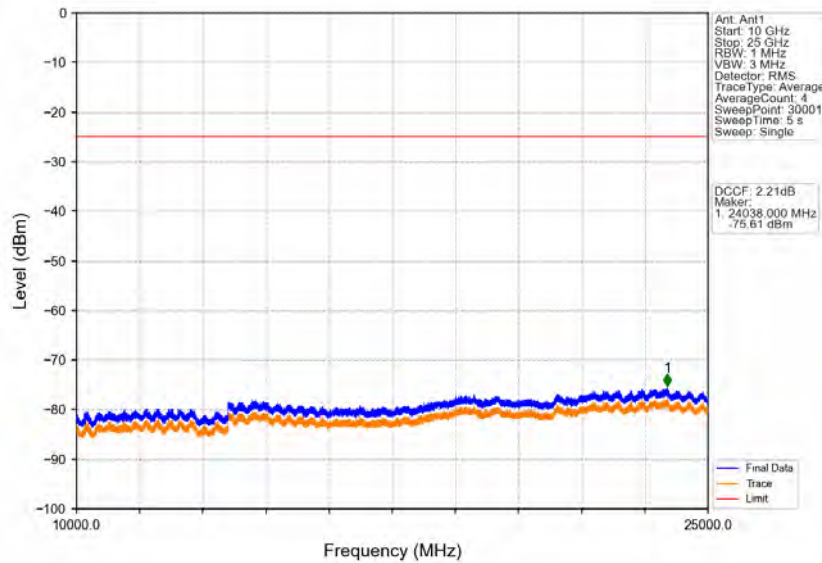
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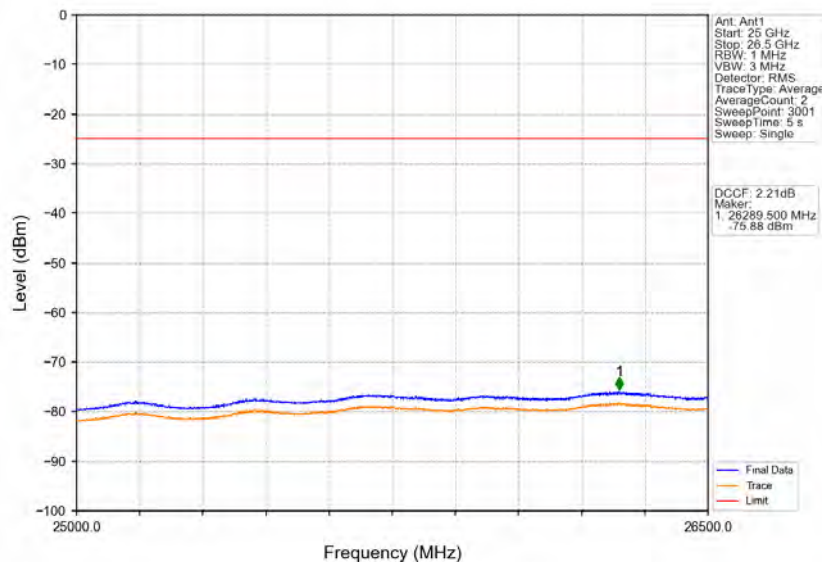
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Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV

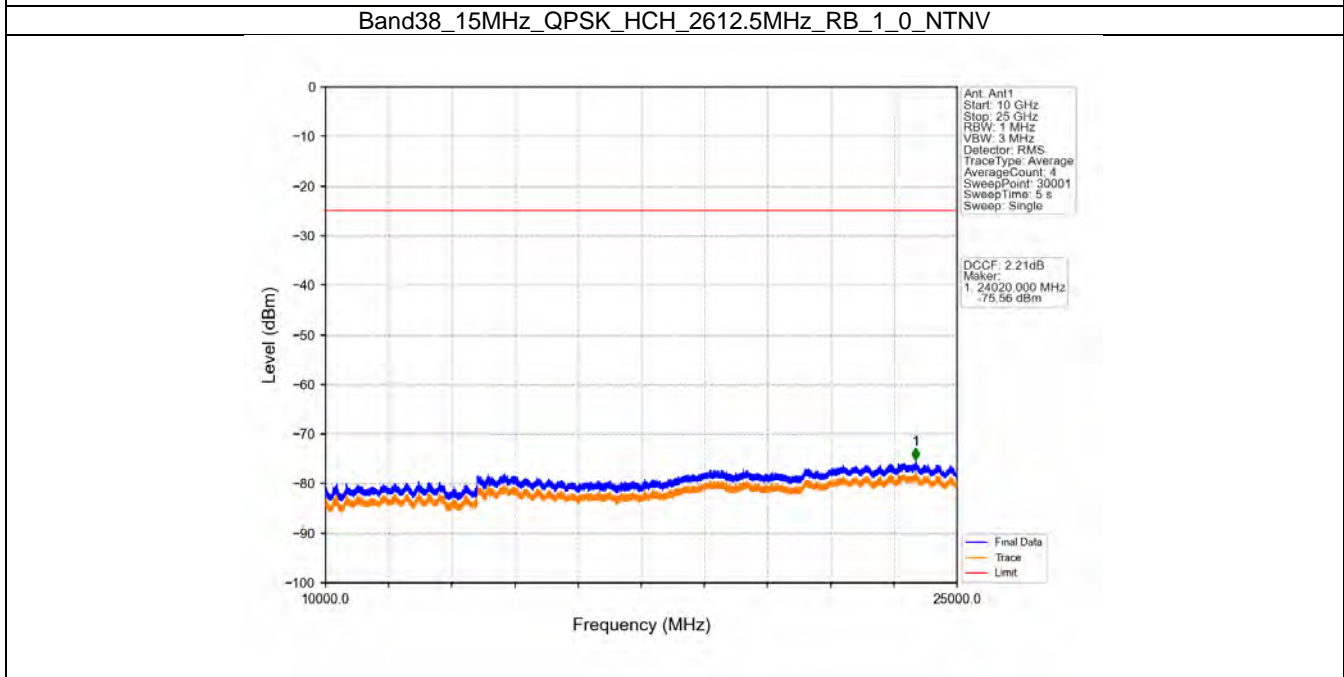
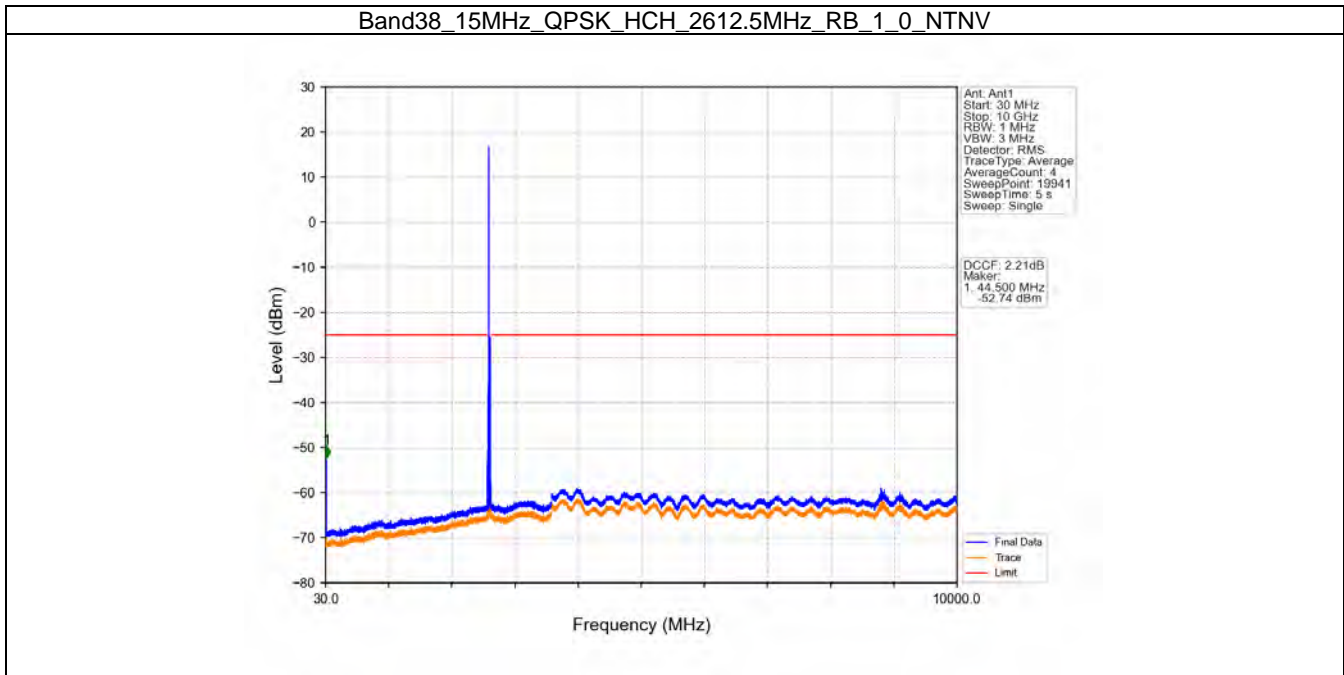


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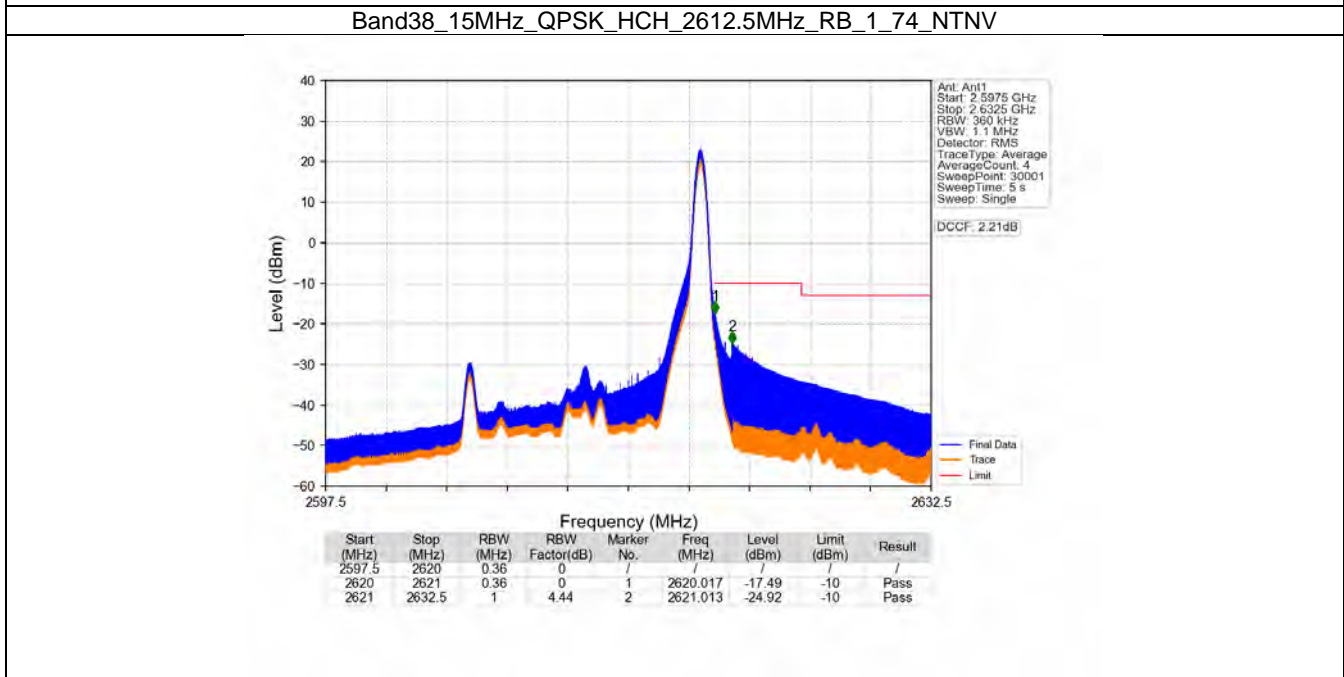
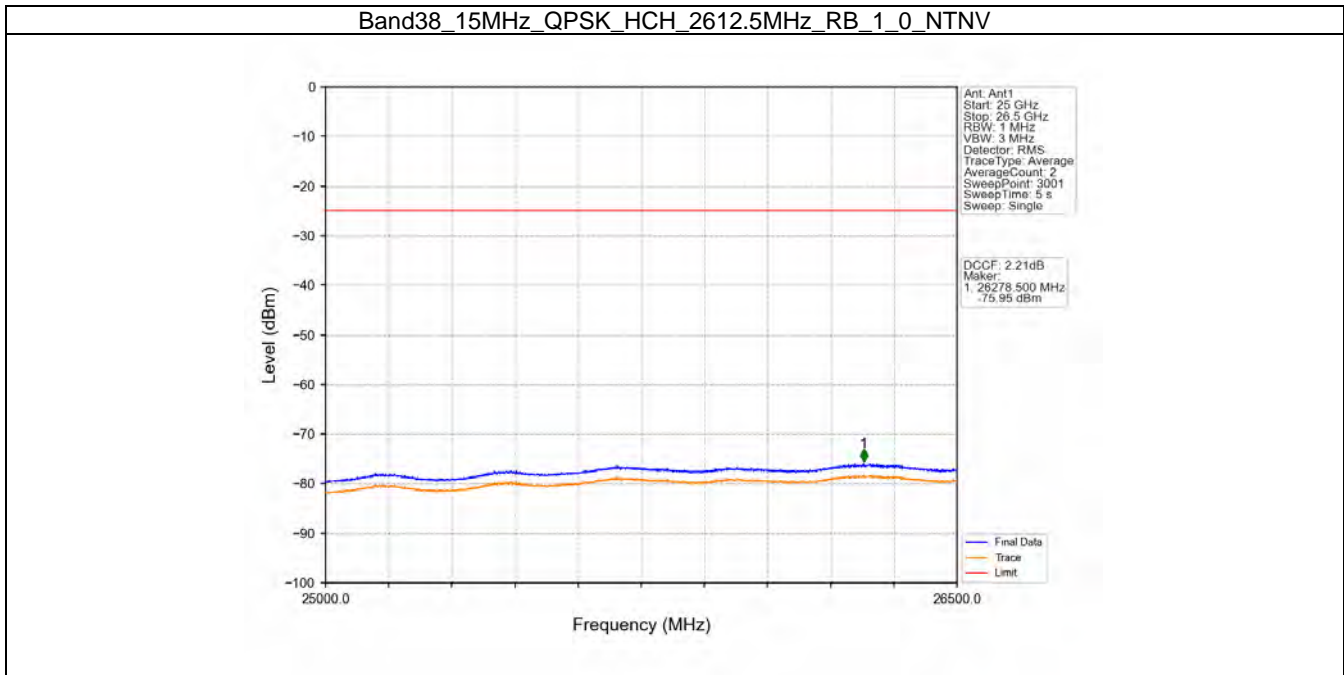
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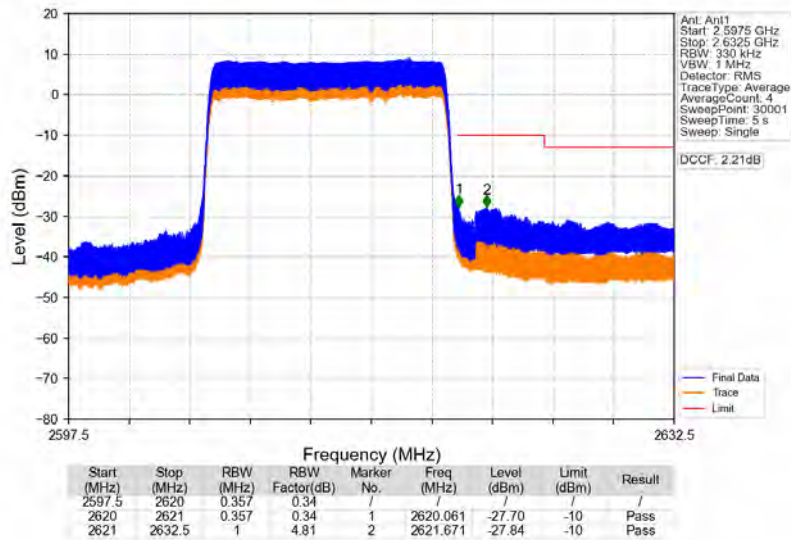
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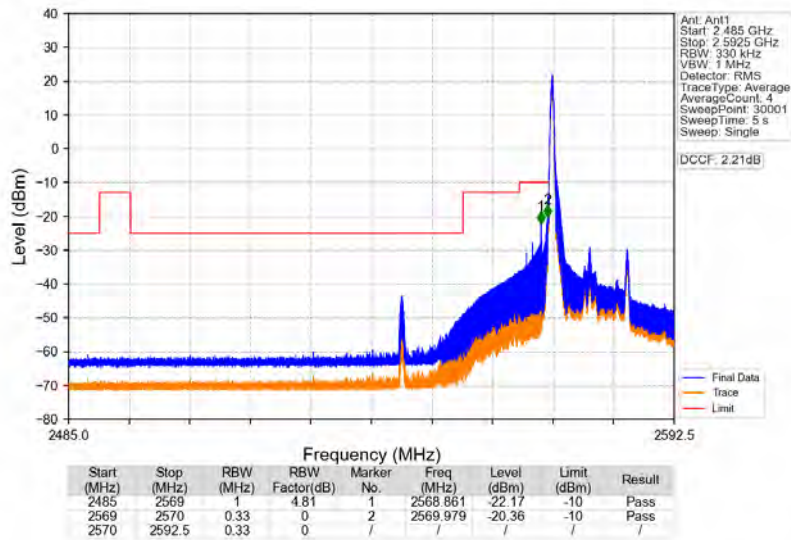
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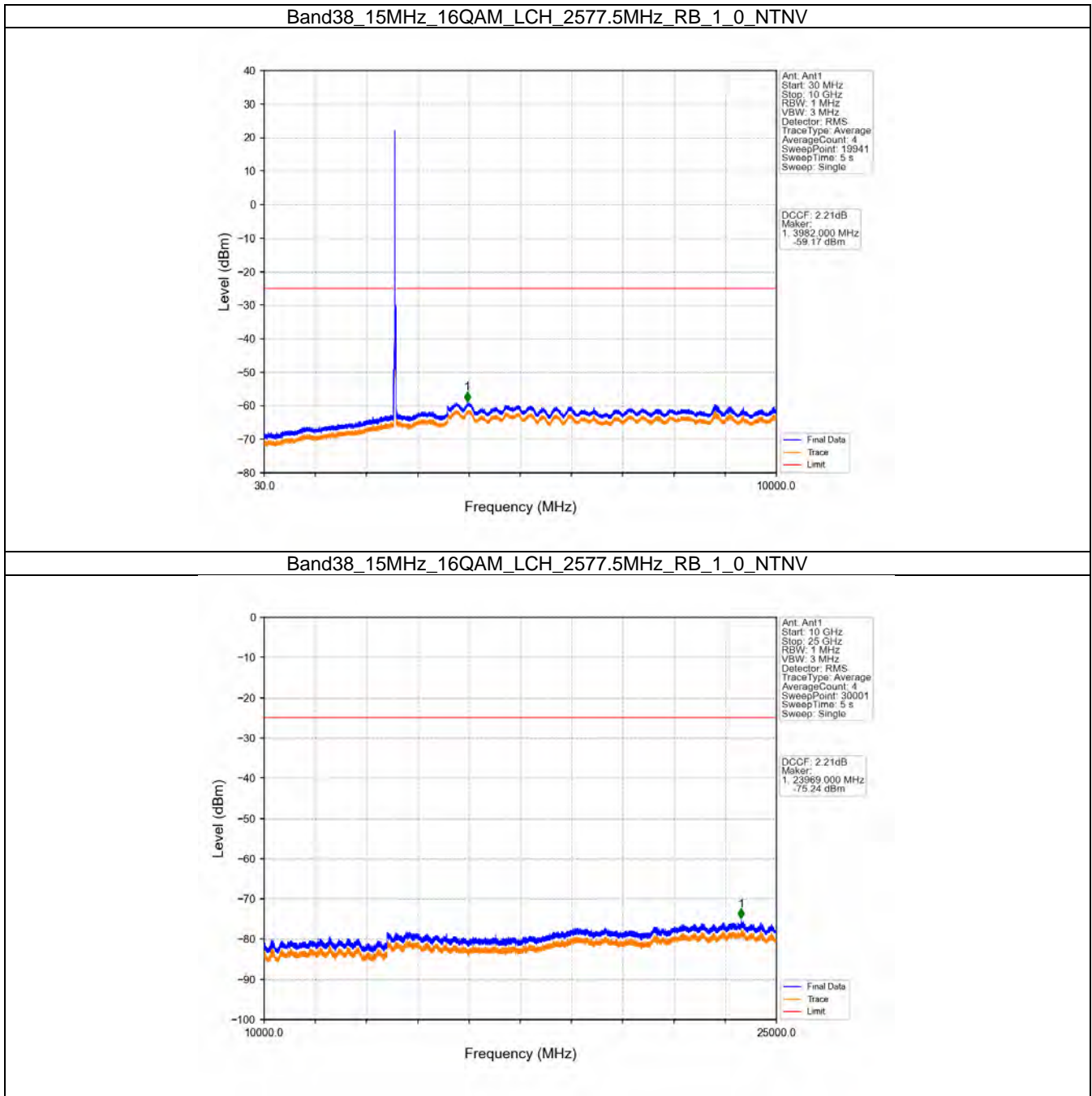


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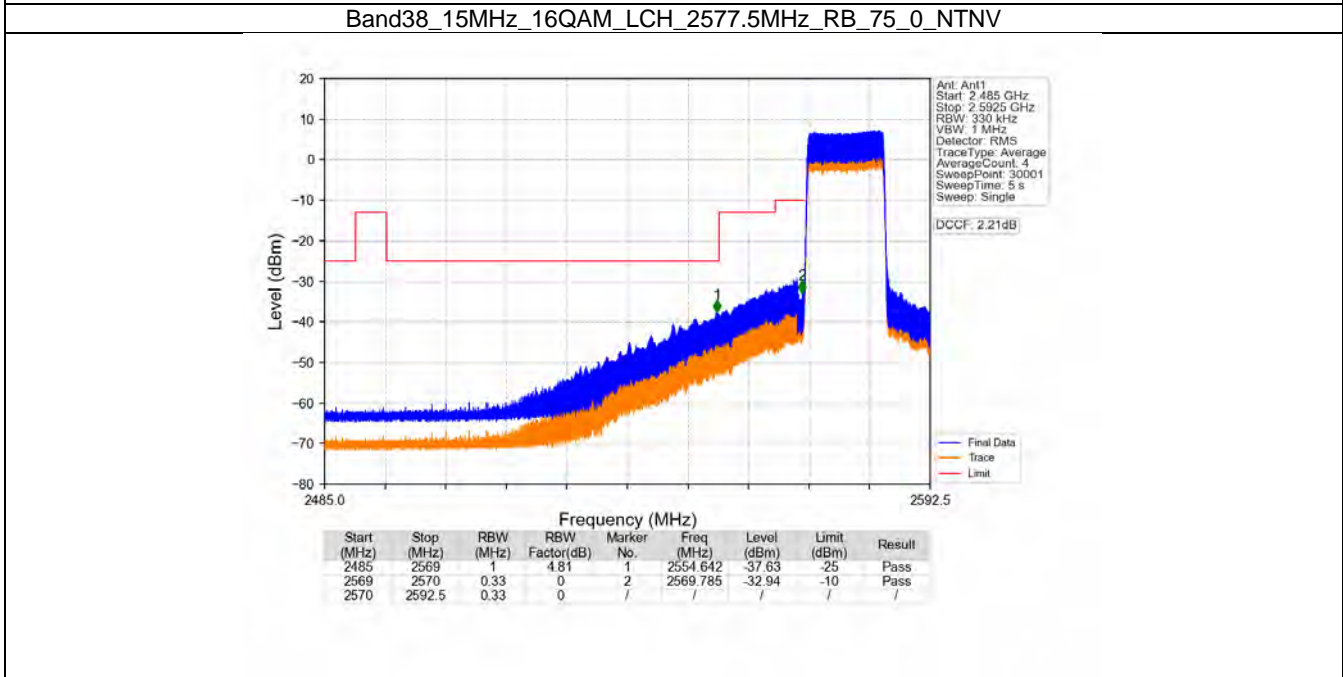
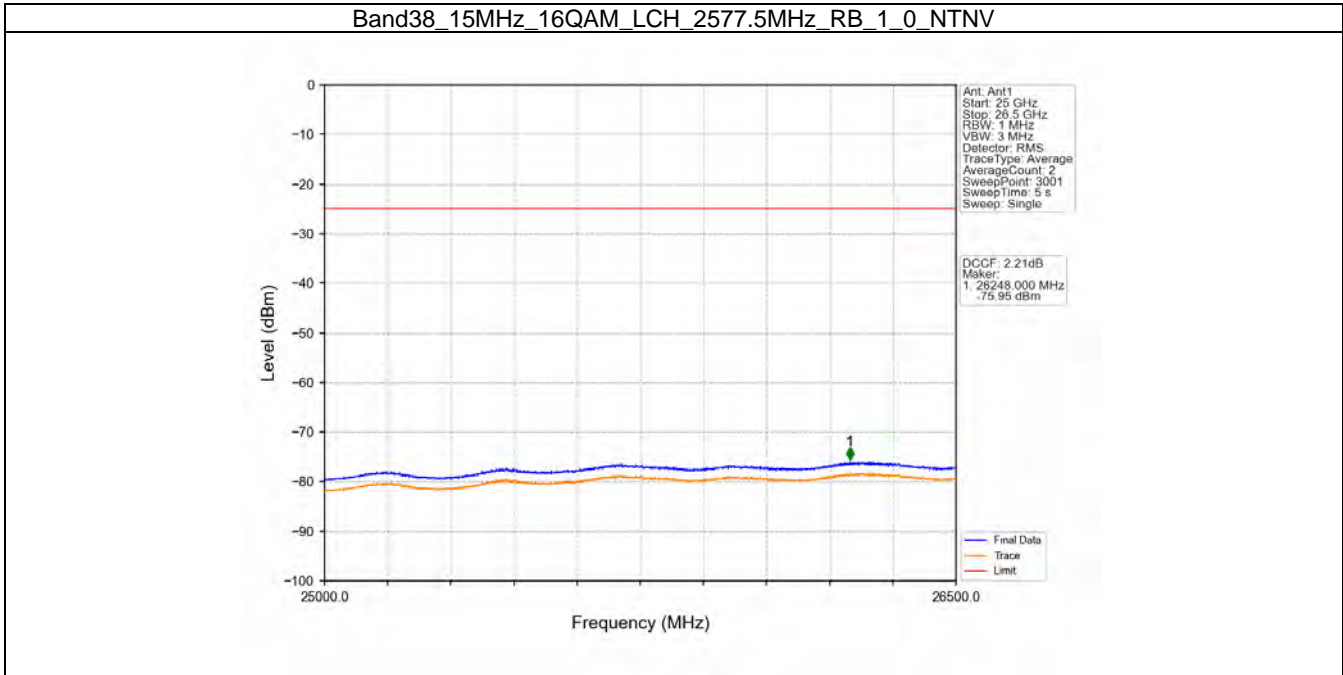
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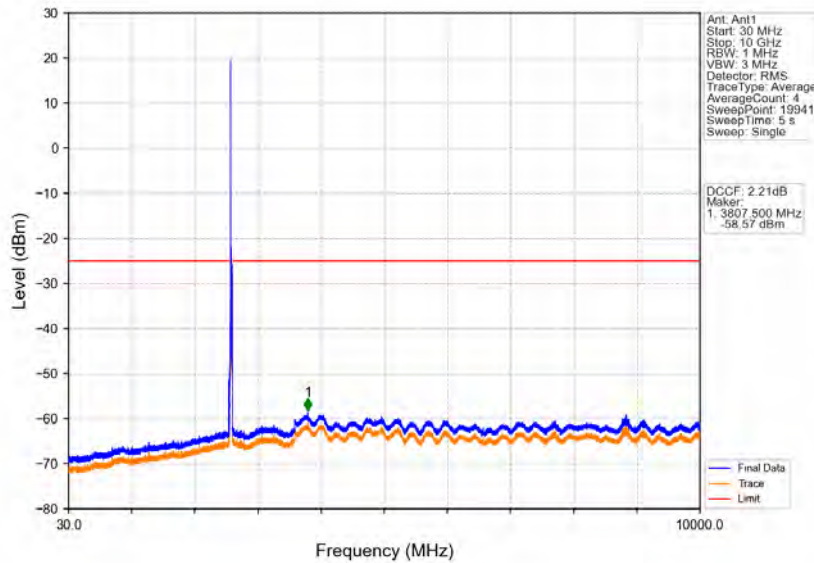
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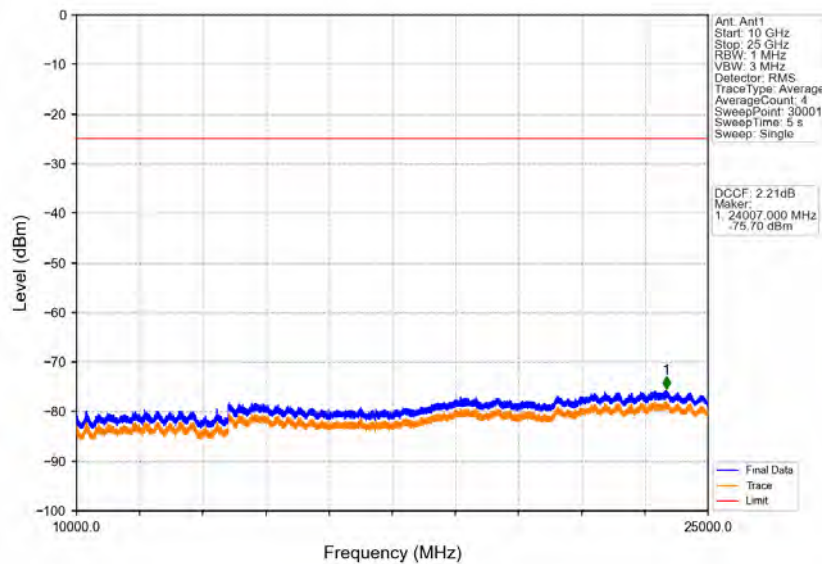
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Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



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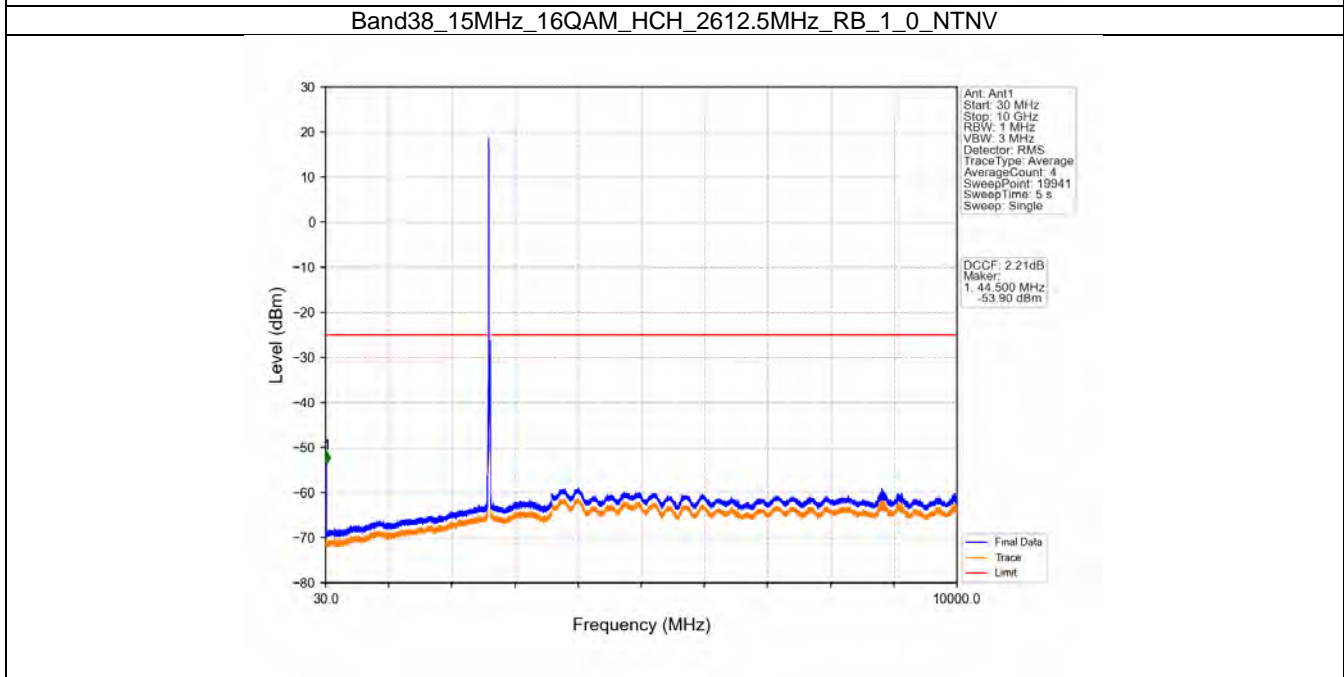
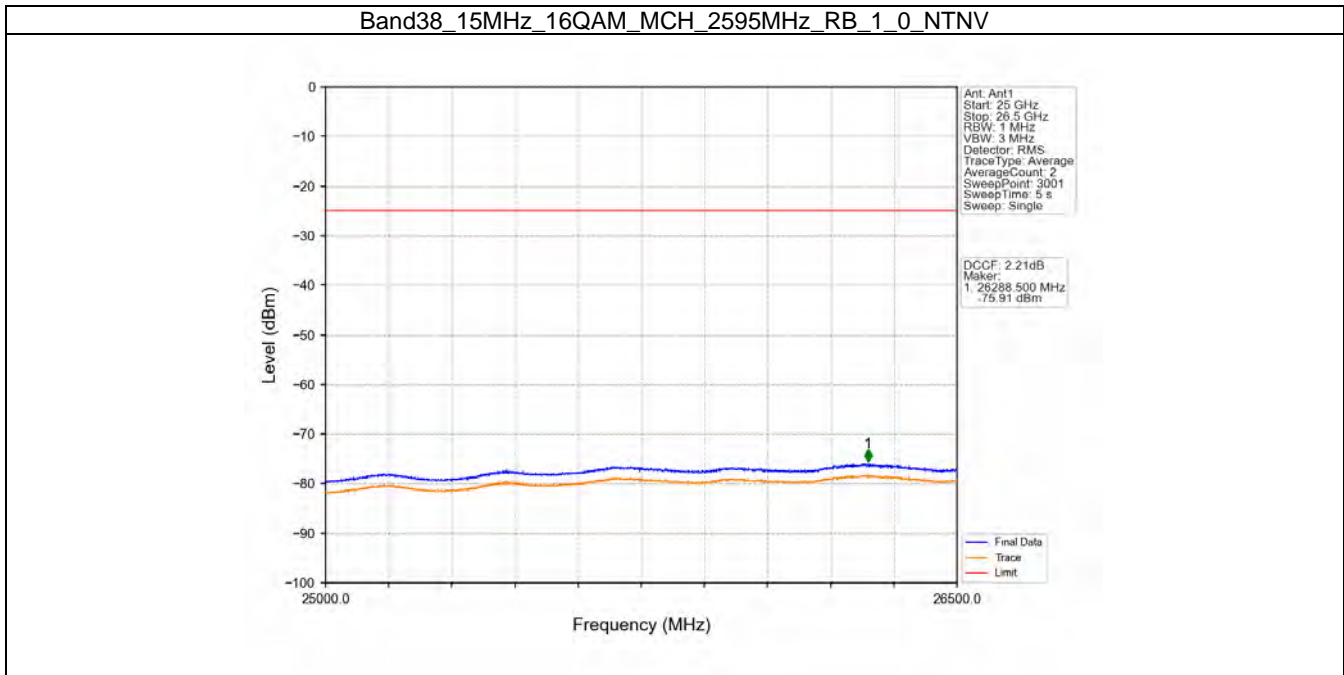
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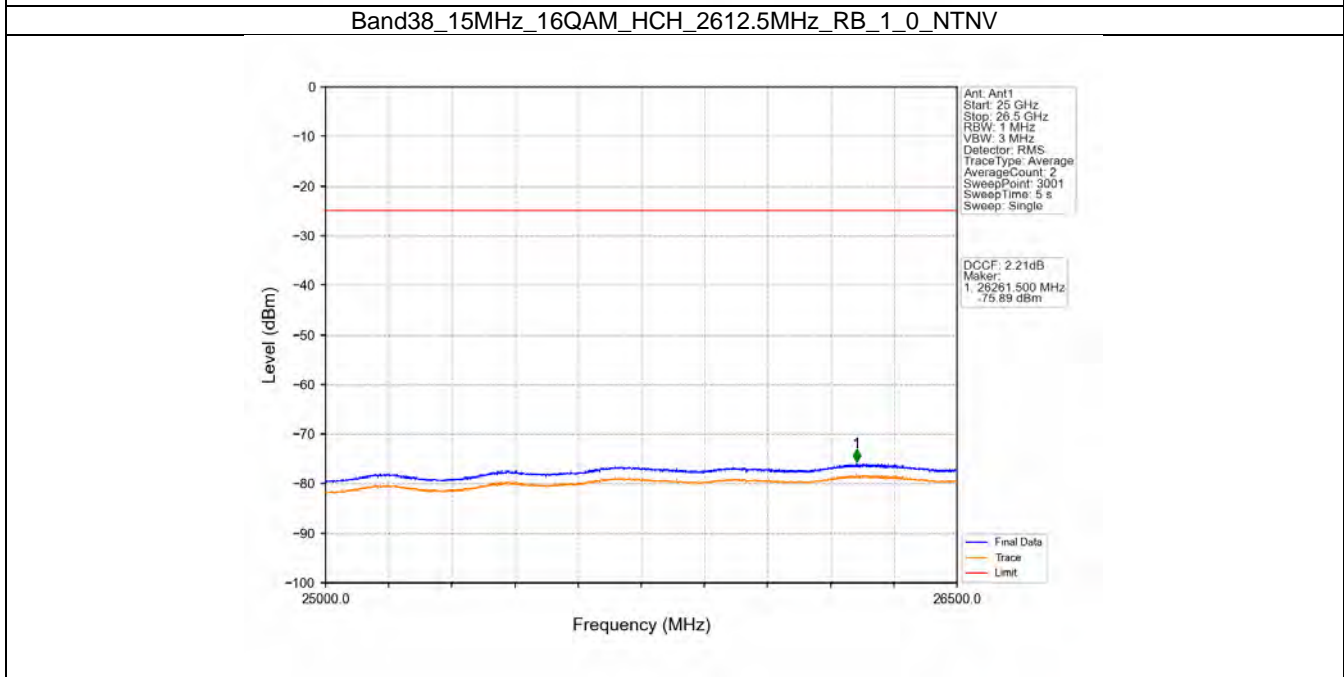
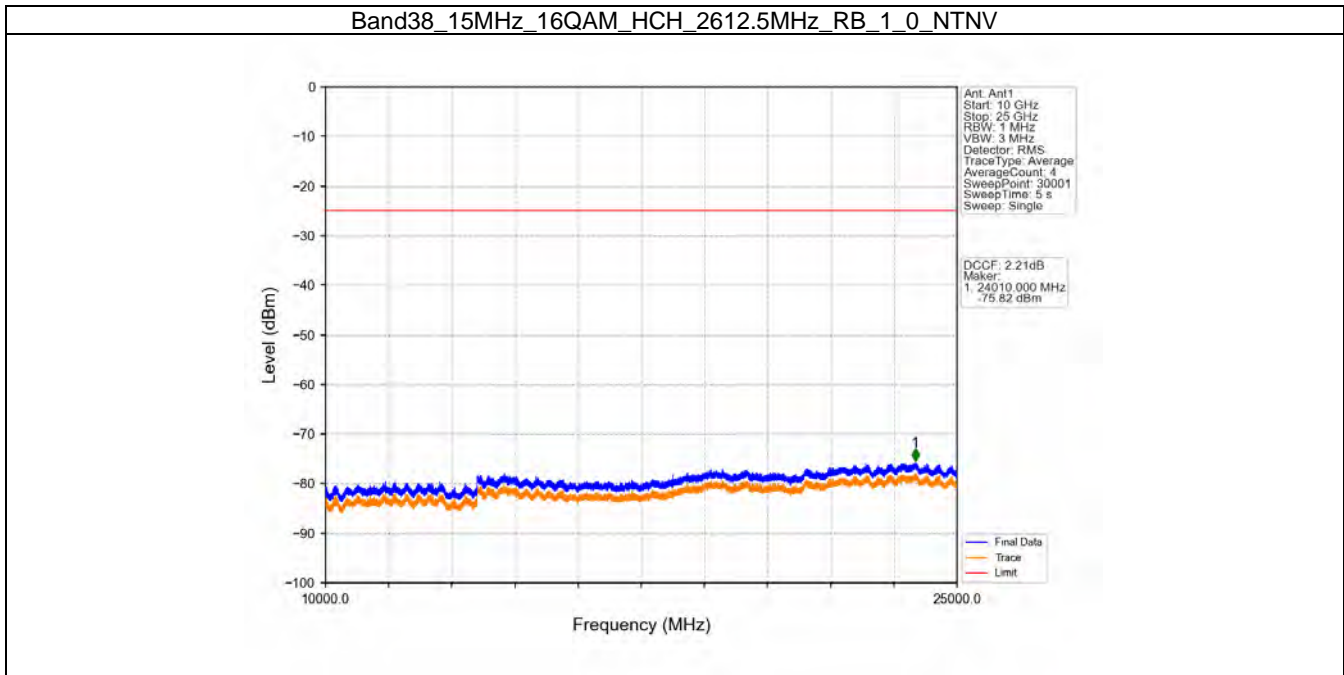
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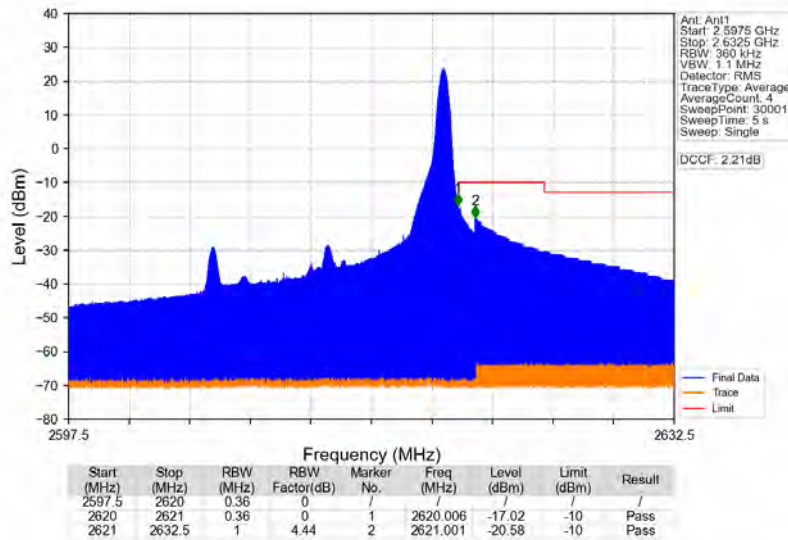
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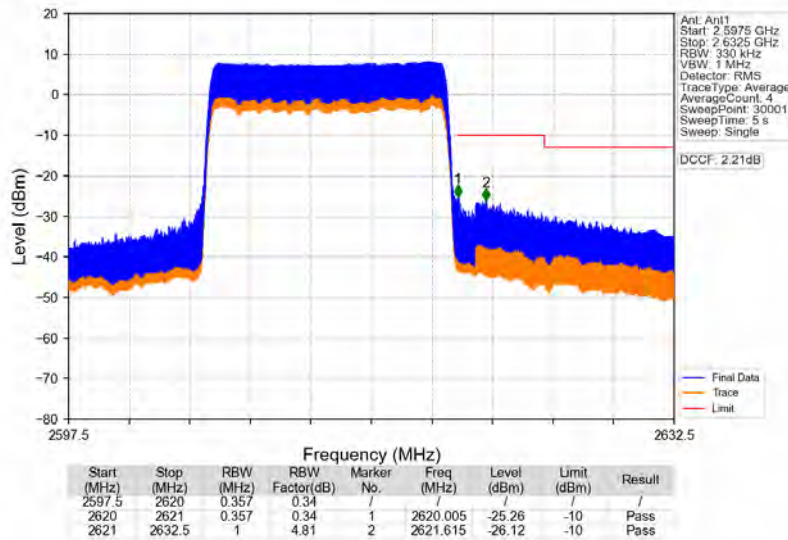
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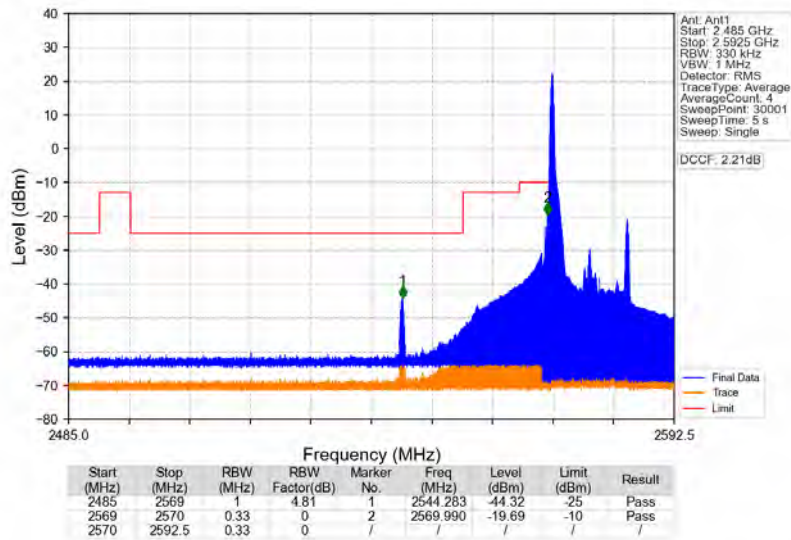
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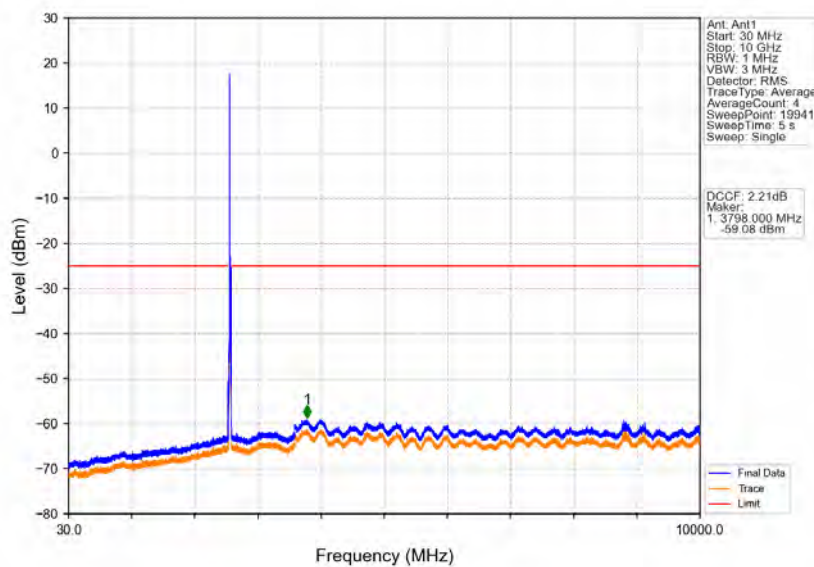
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Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



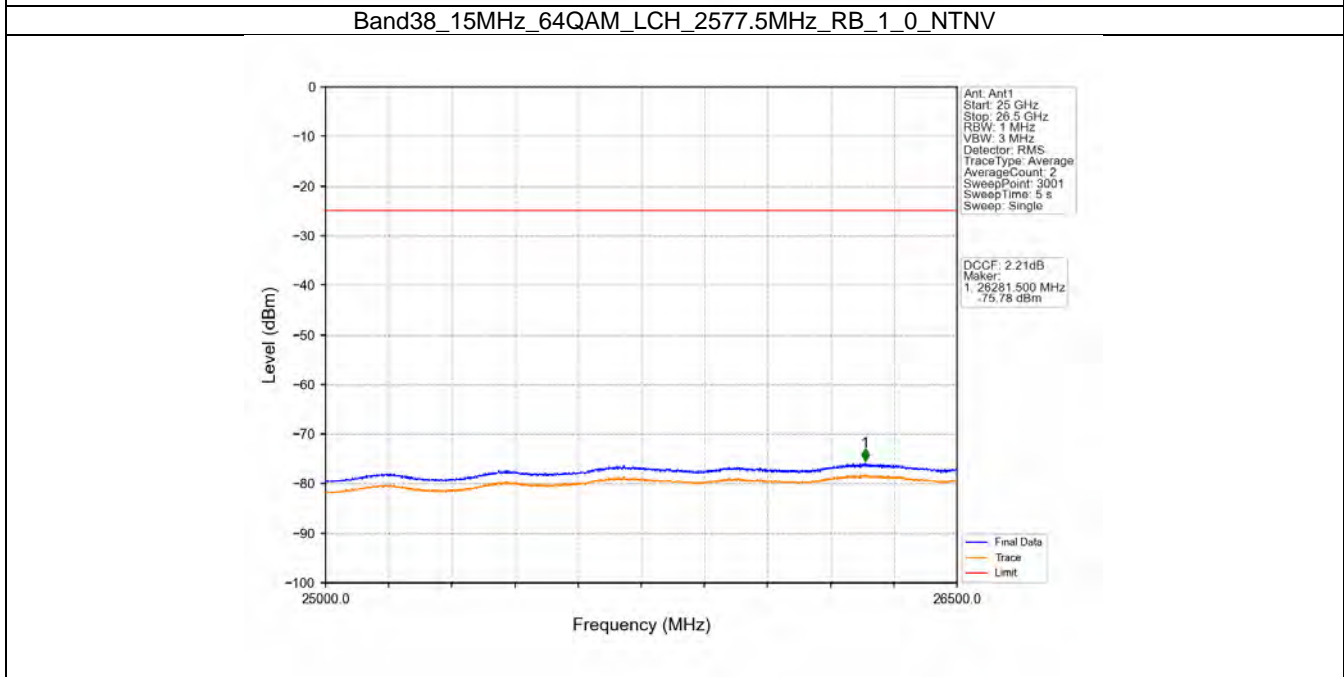
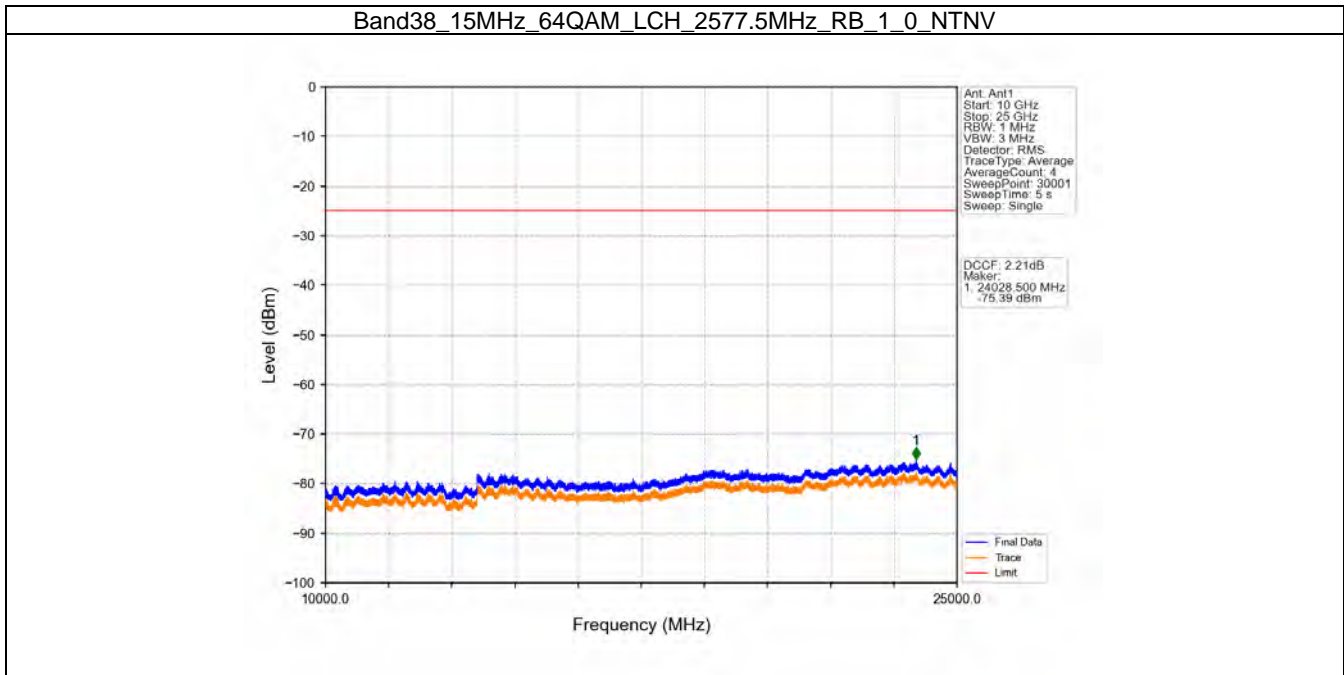
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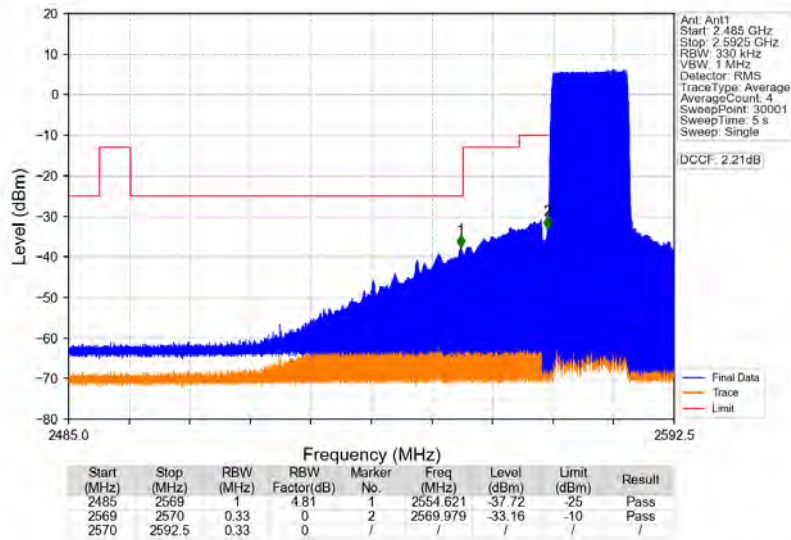




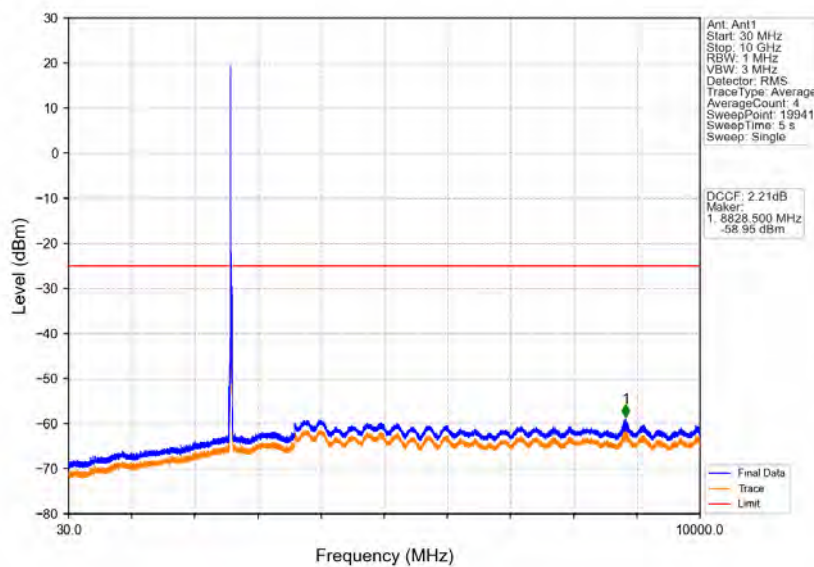
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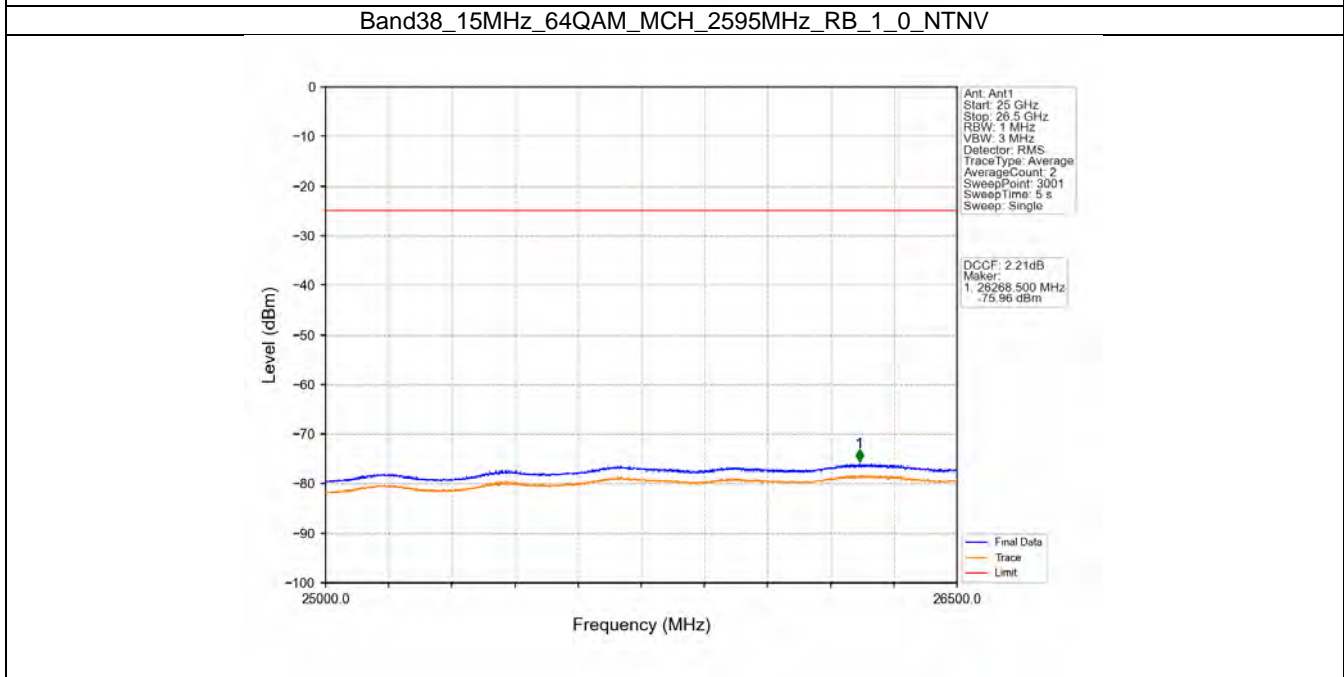
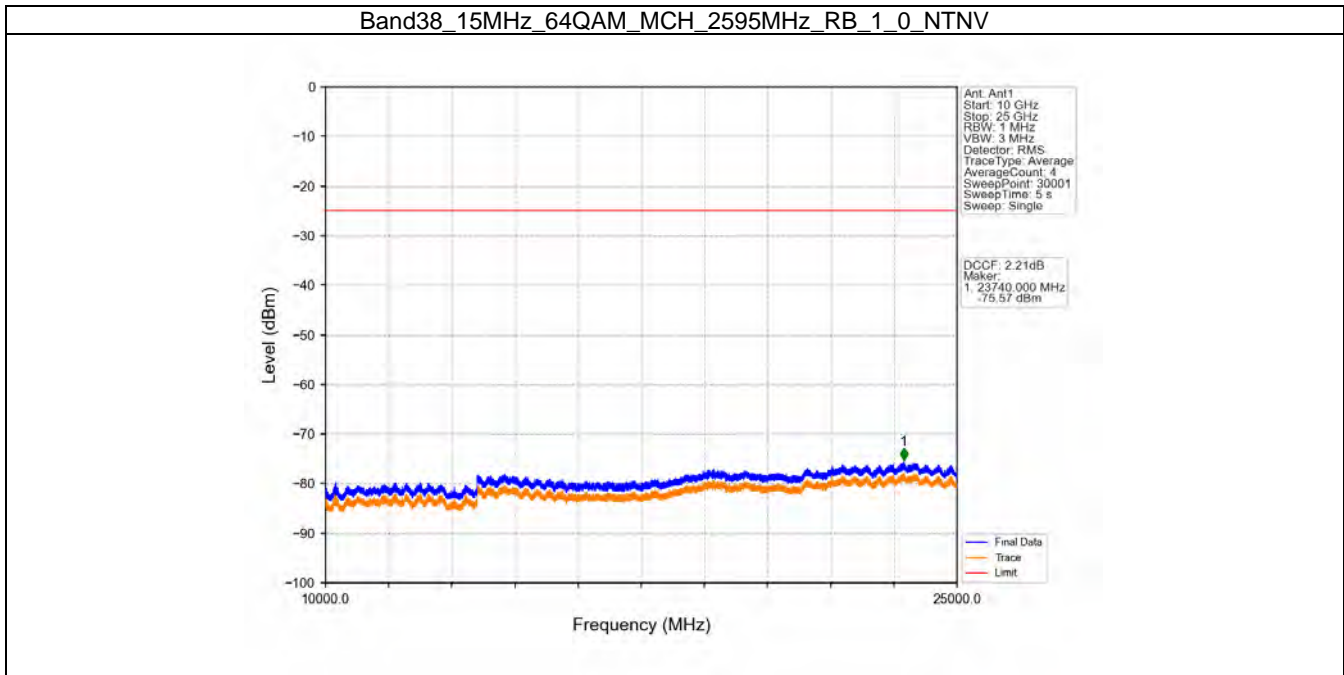
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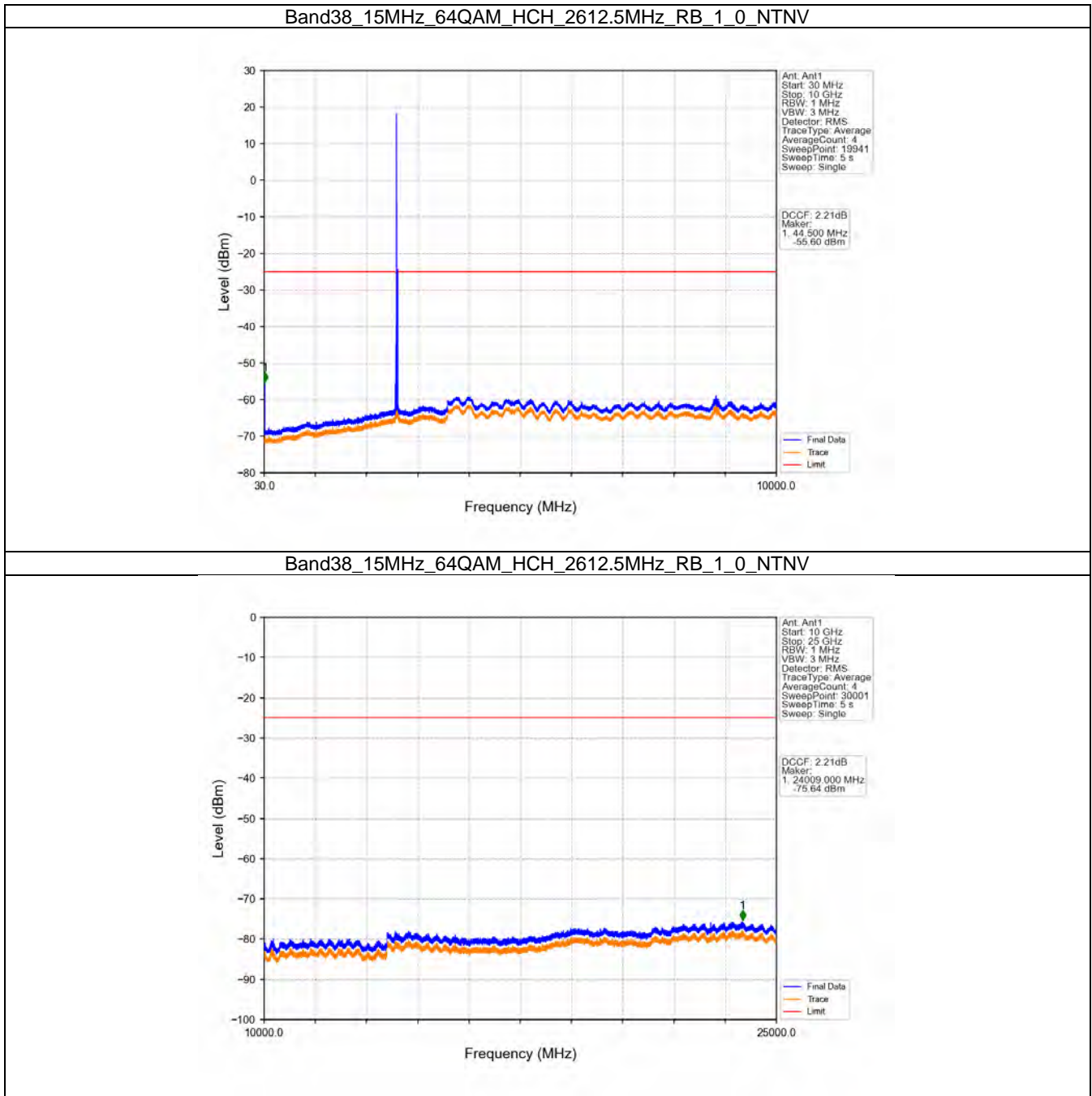


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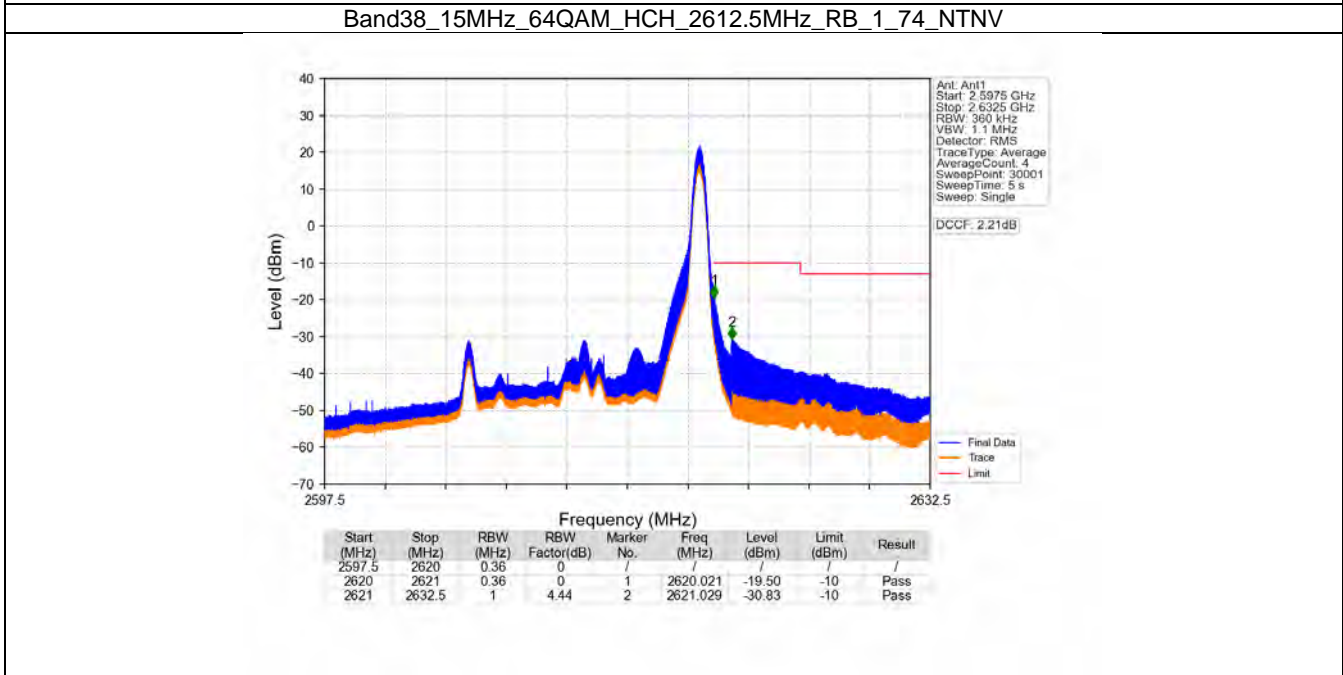
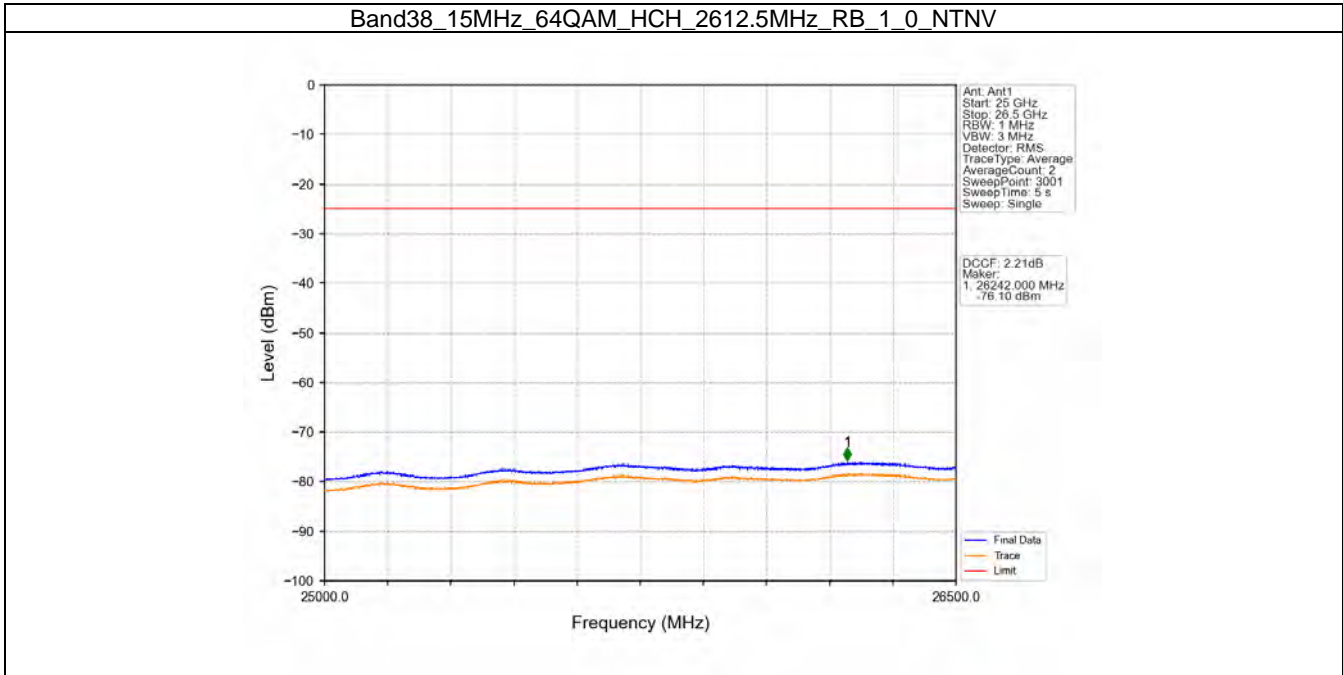
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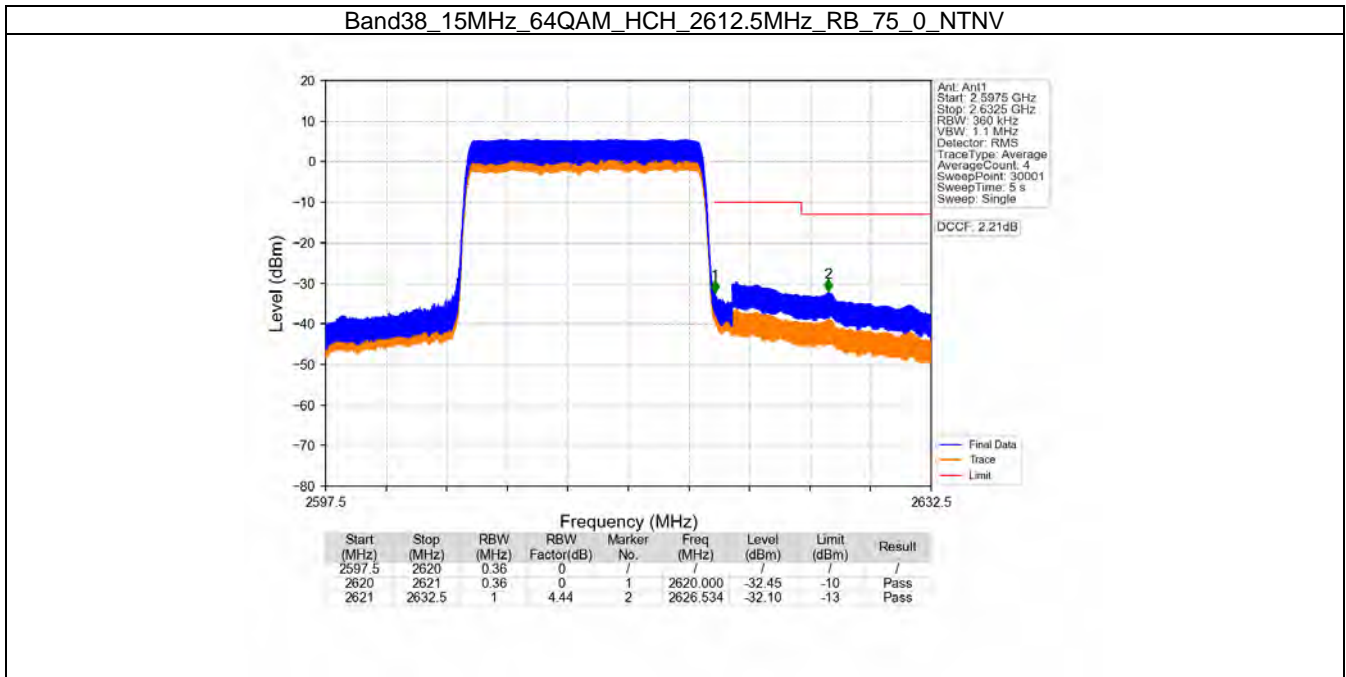


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6.4 B38_20MHz

6.4.1 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
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	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
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	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
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		100	0	Refer To Test Graph		Pass

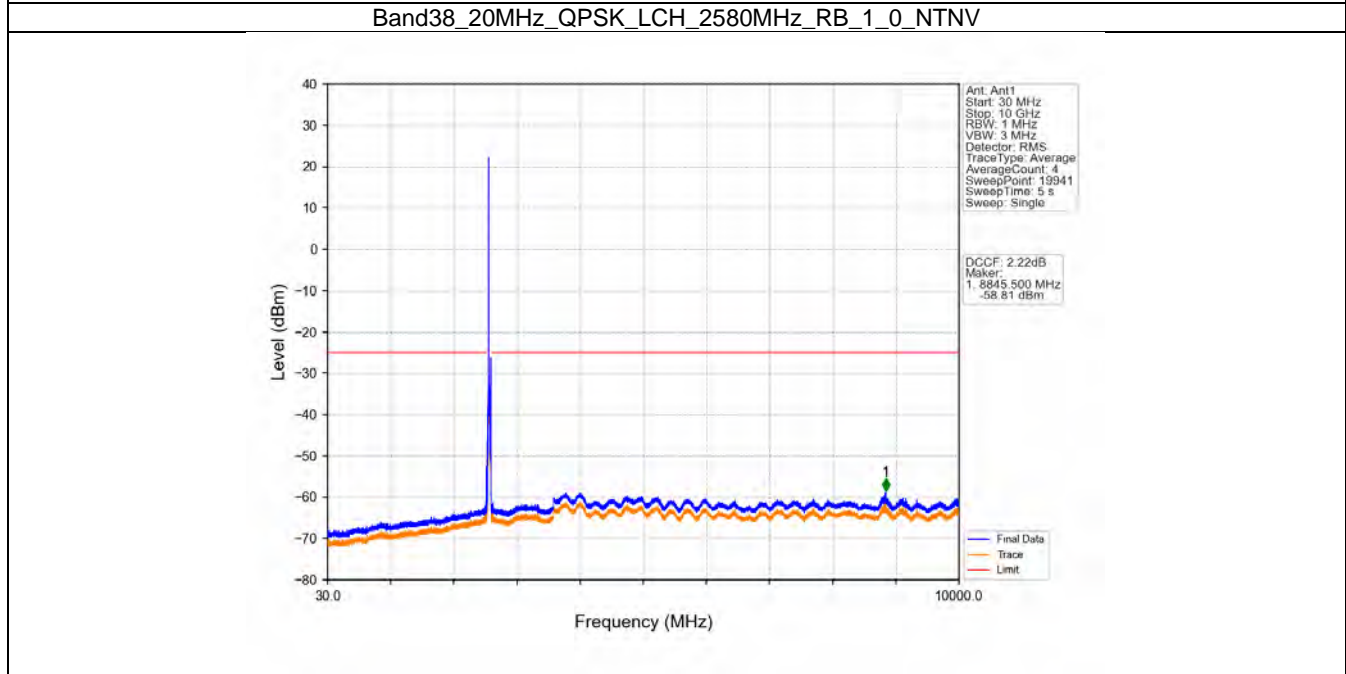
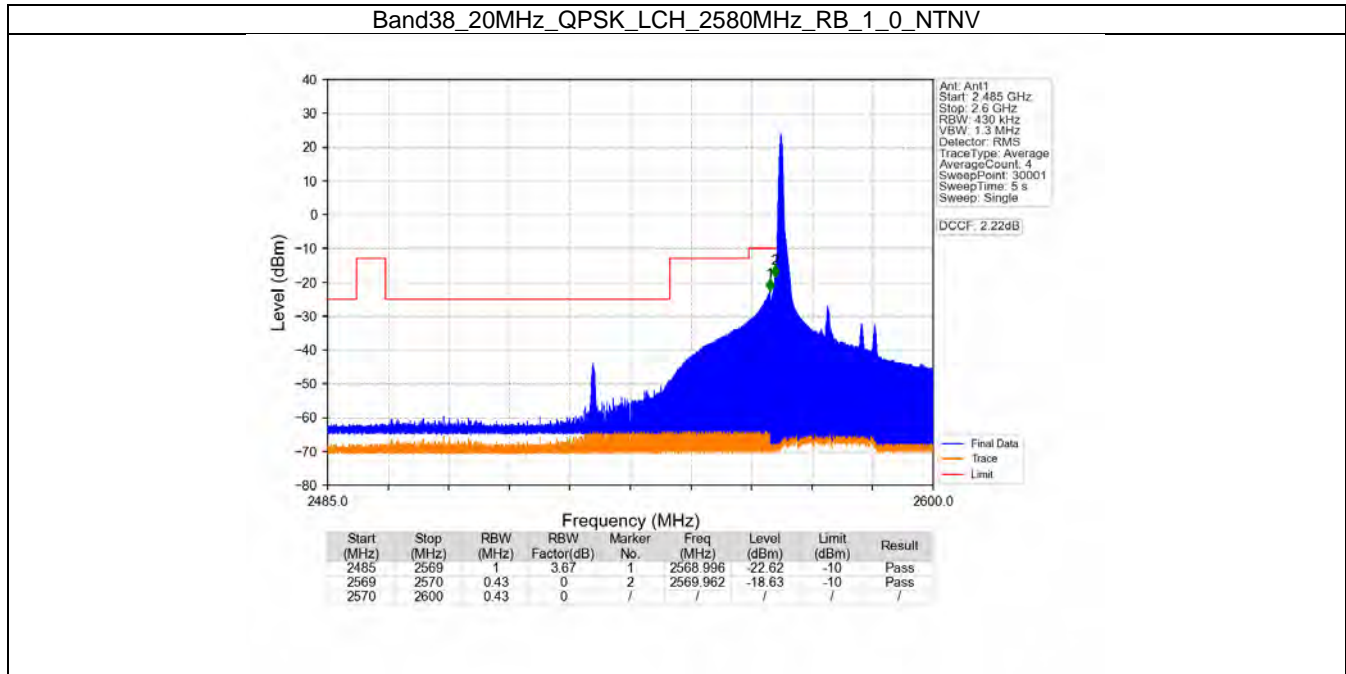


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6.4.2 Test Graph



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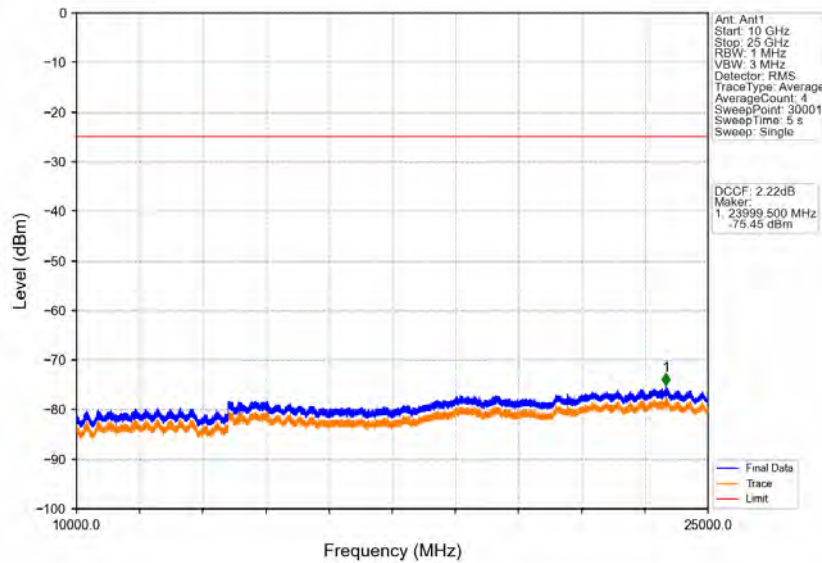
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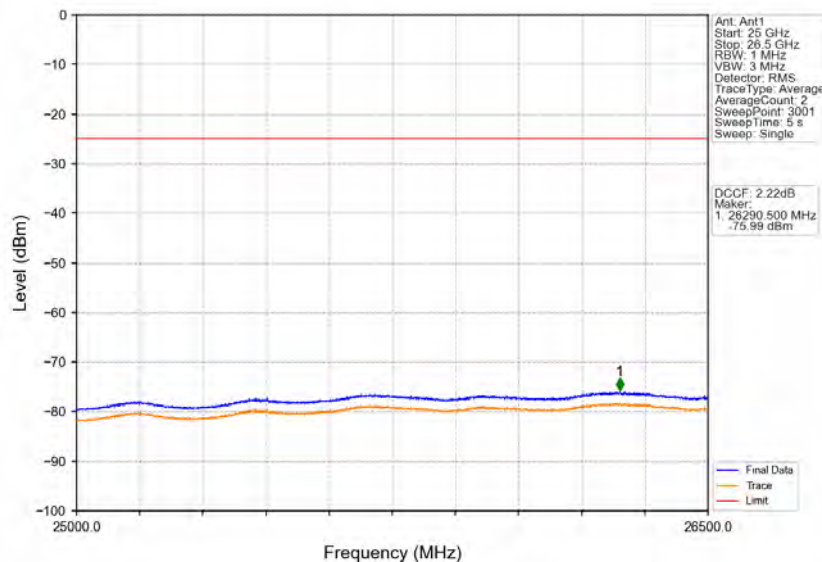
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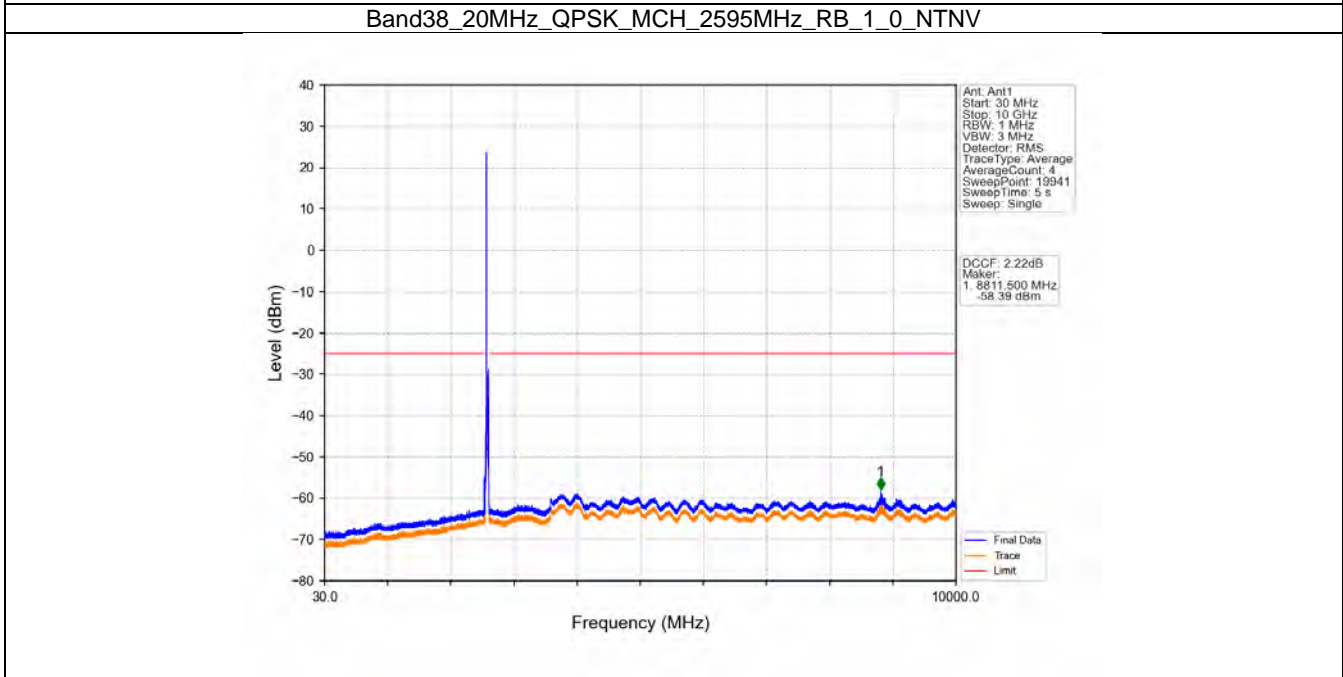
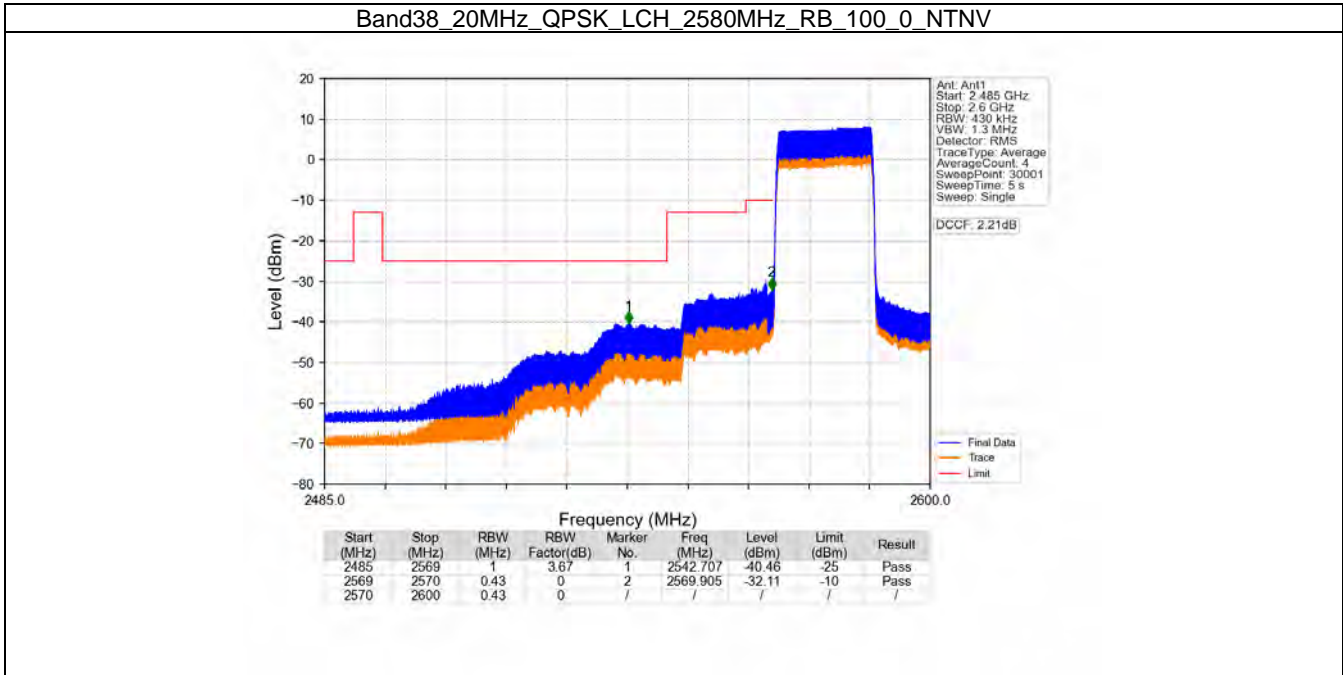


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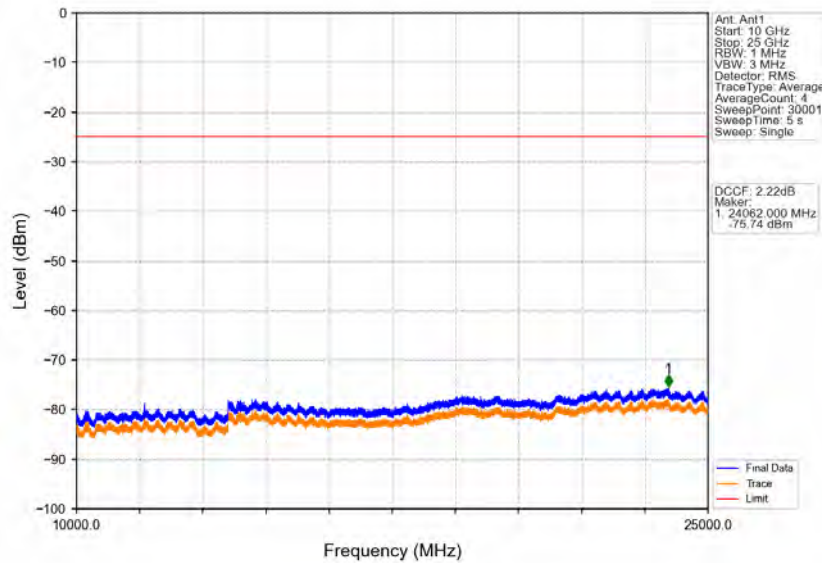
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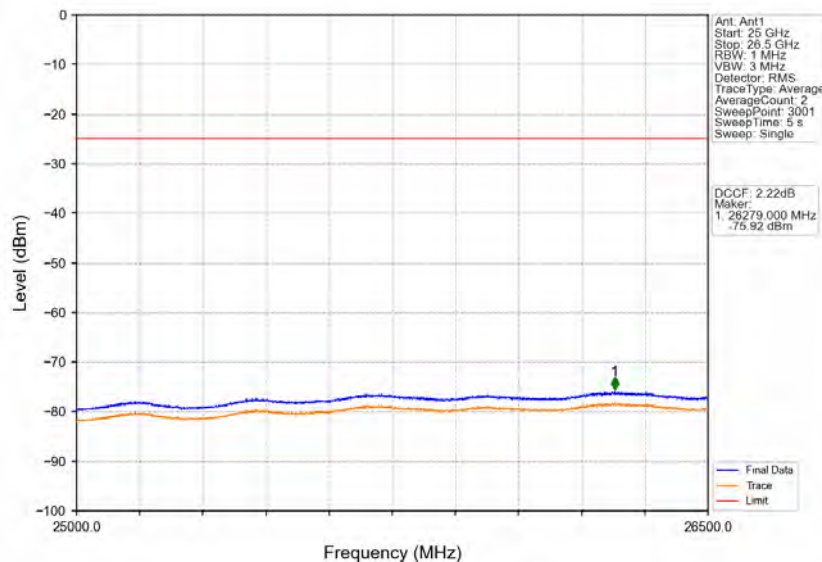
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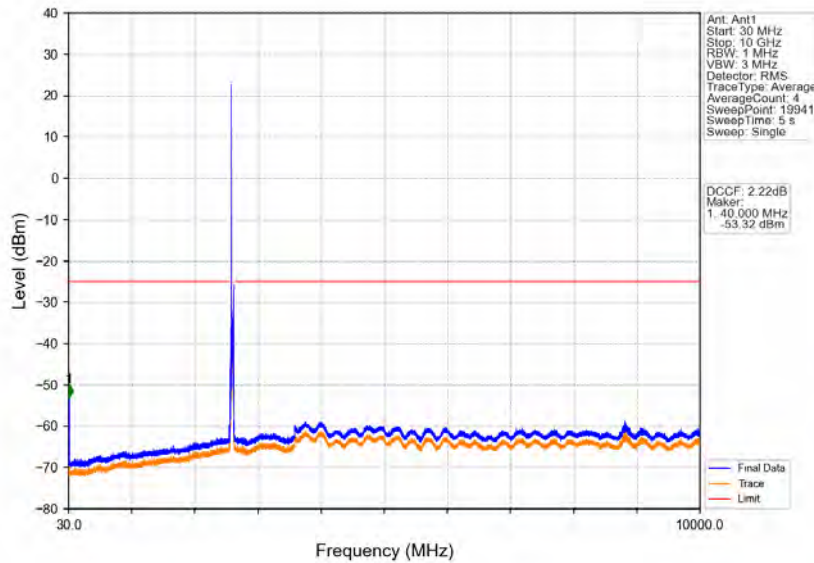
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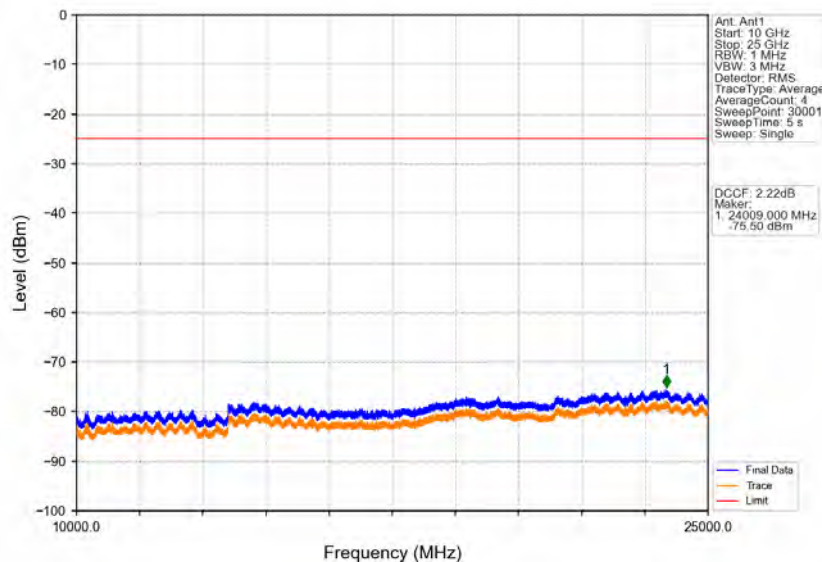
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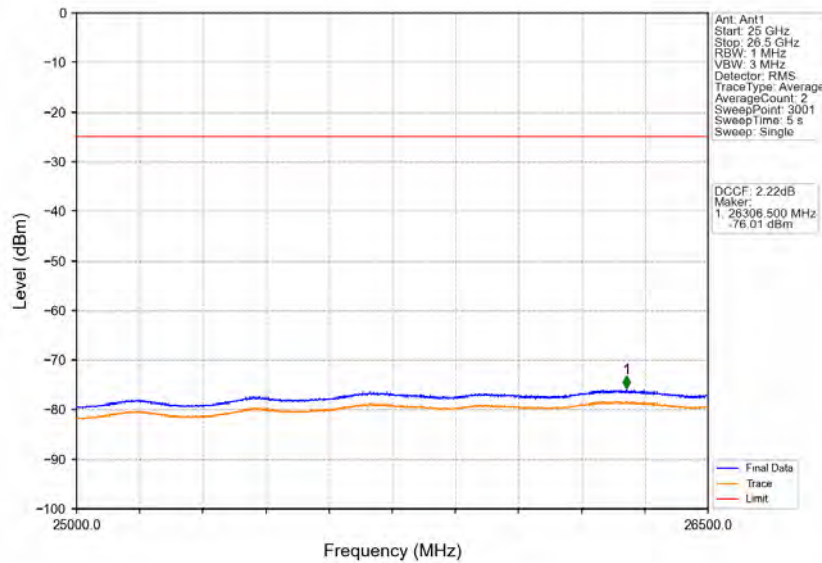
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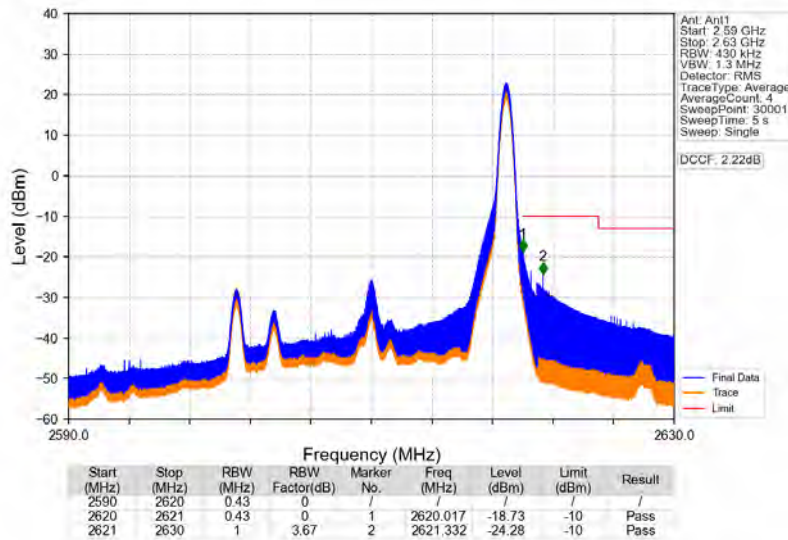
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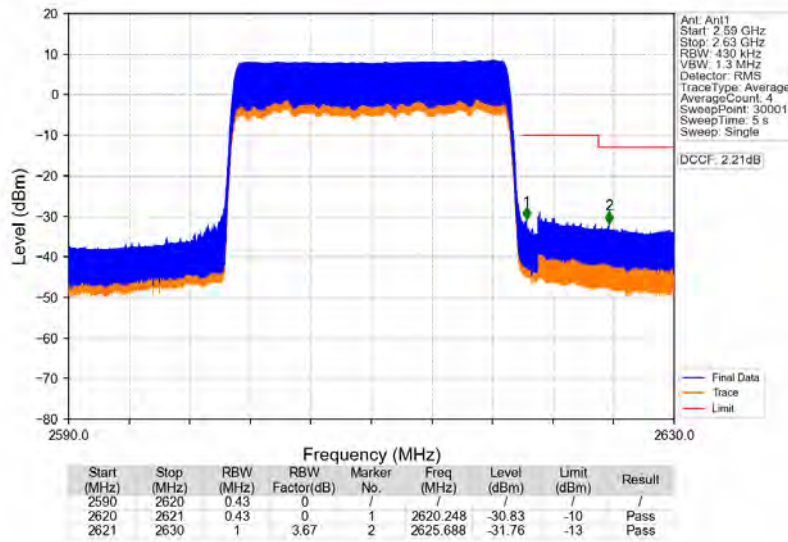
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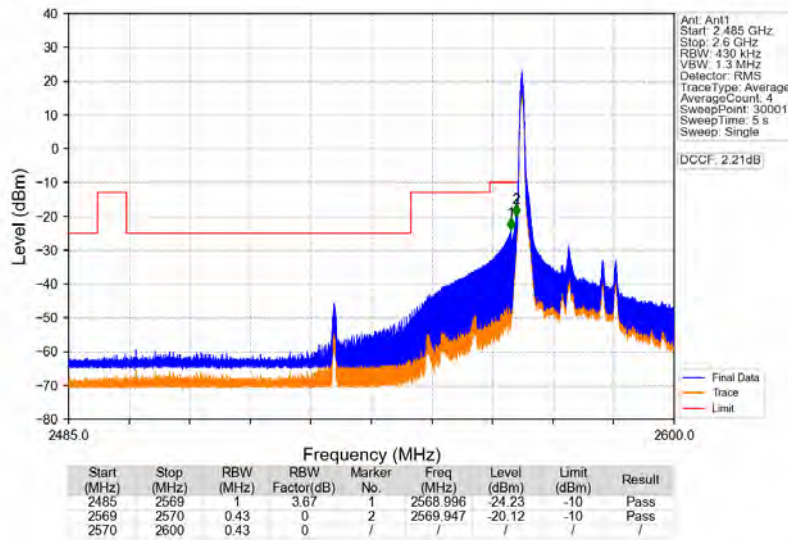
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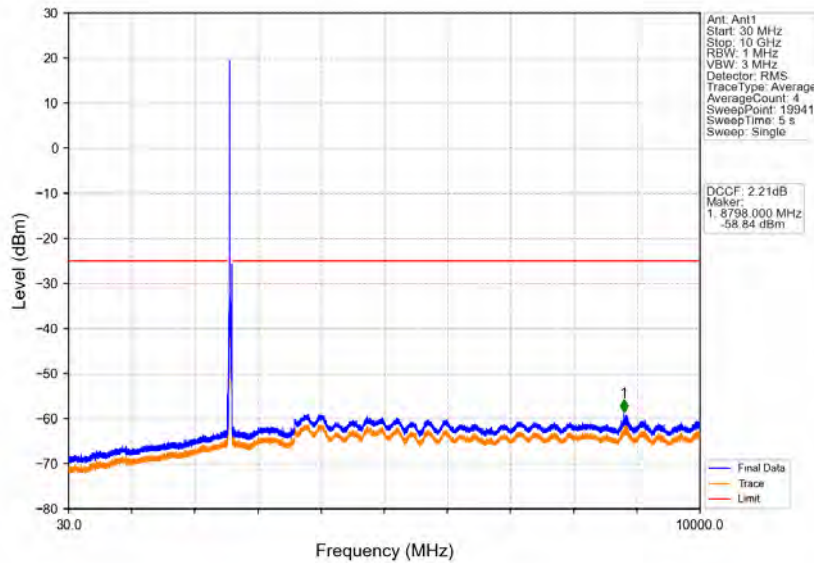
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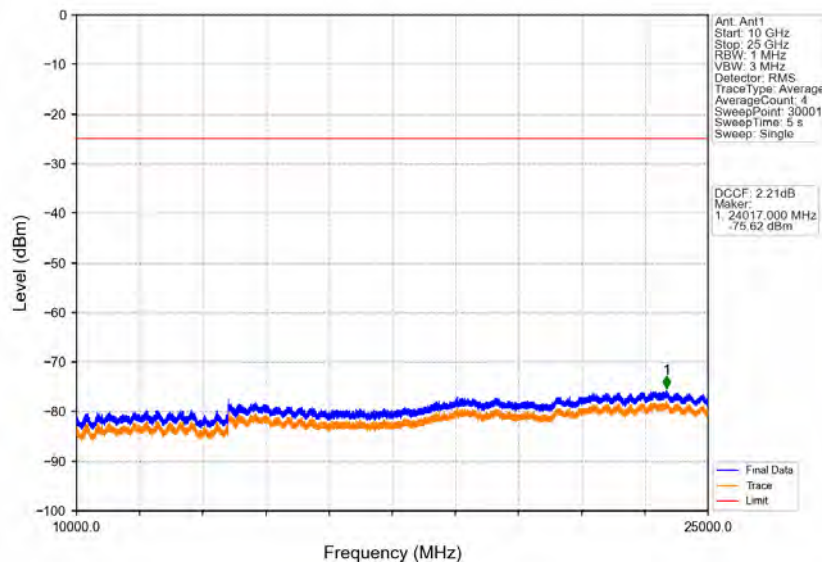
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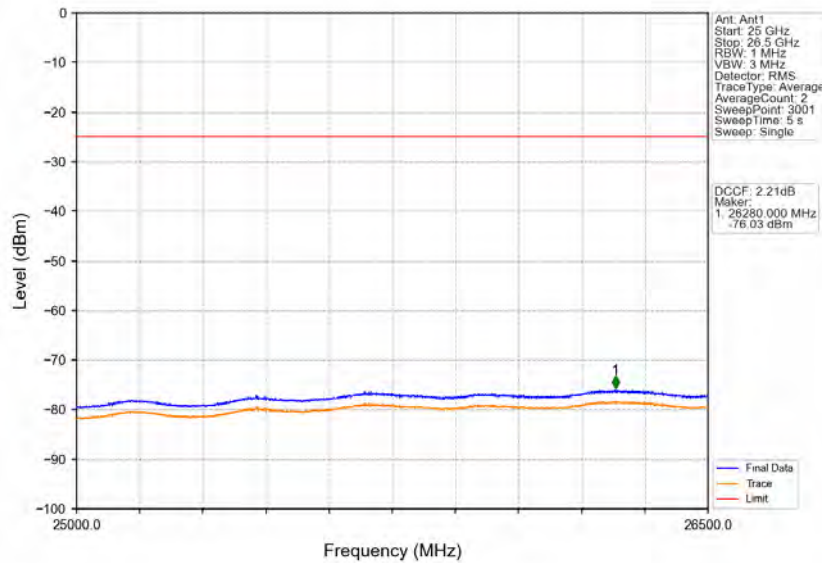
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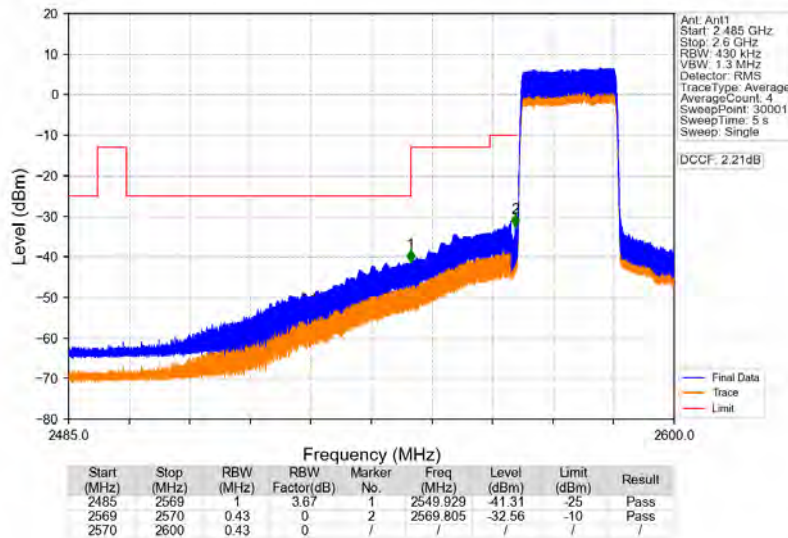


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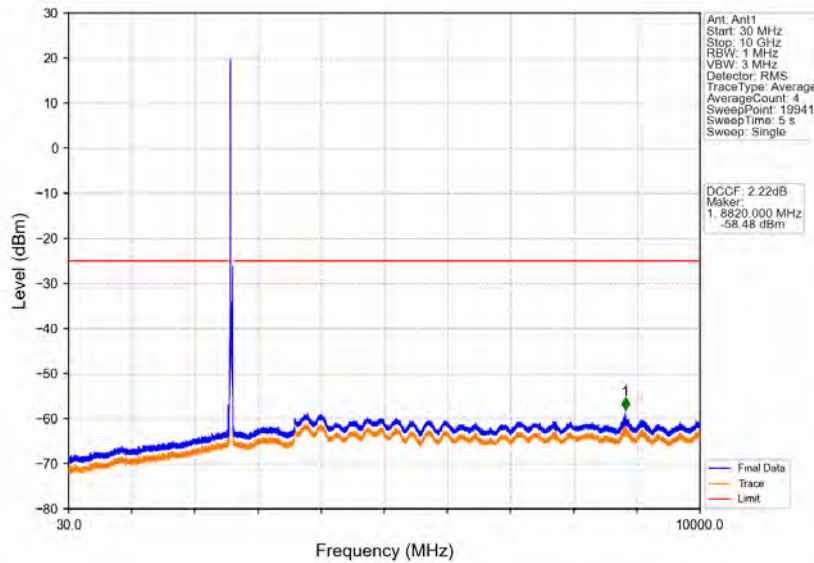
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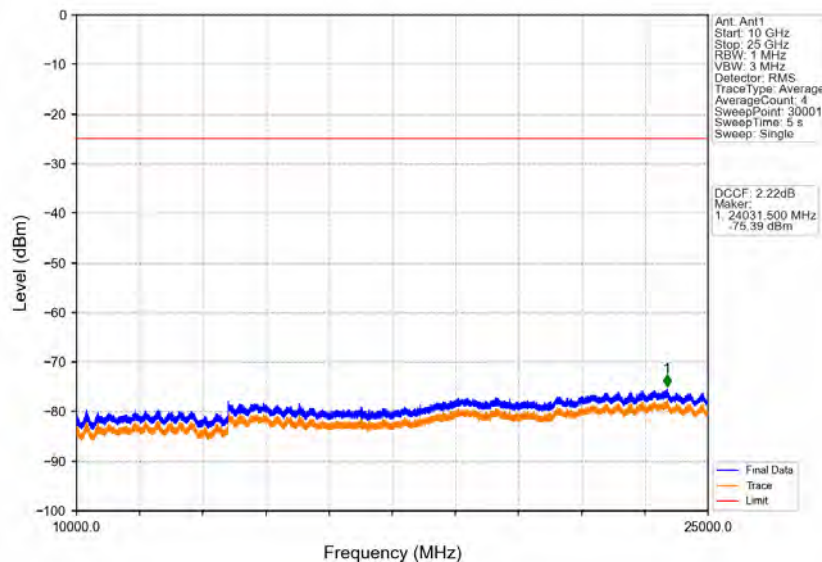
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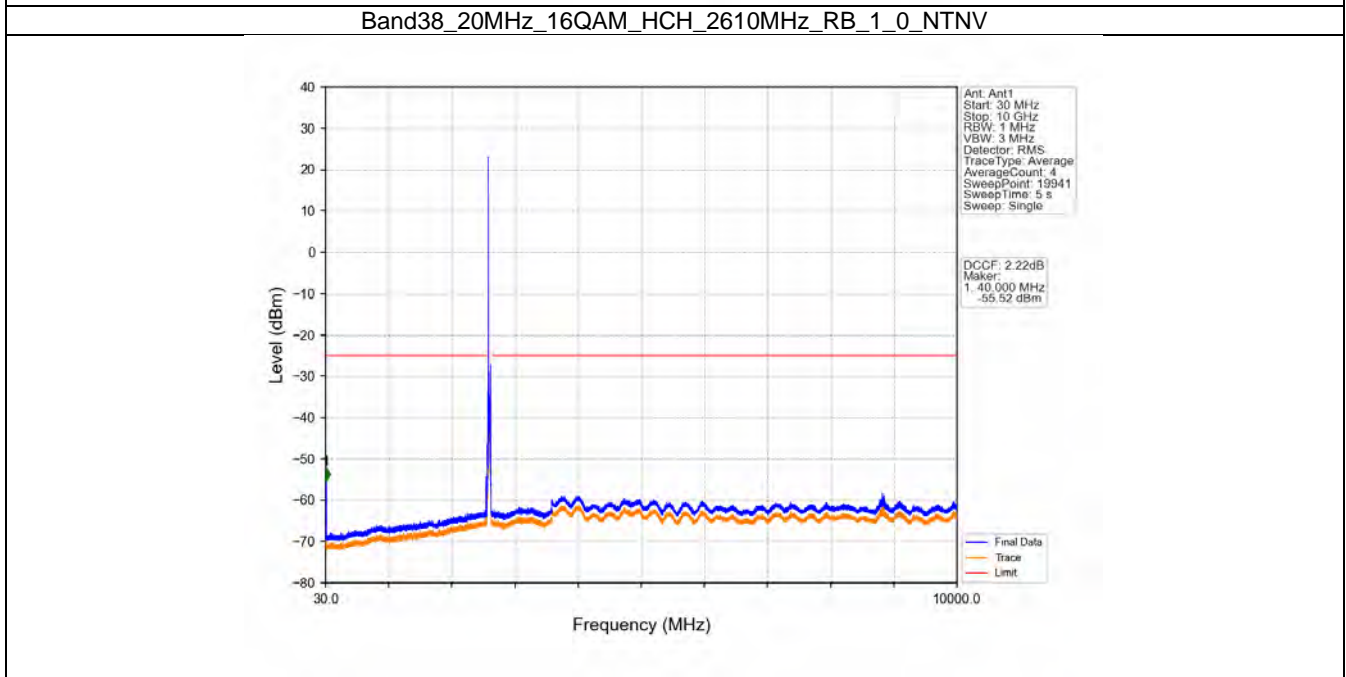
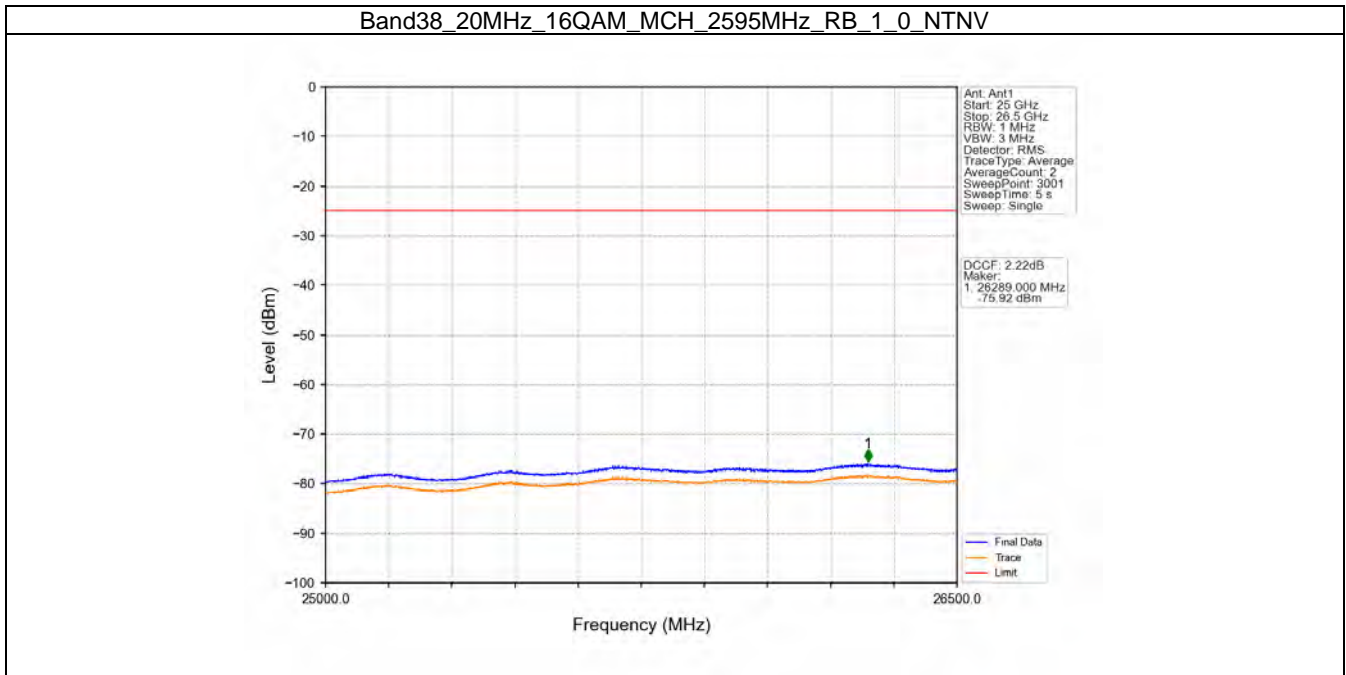
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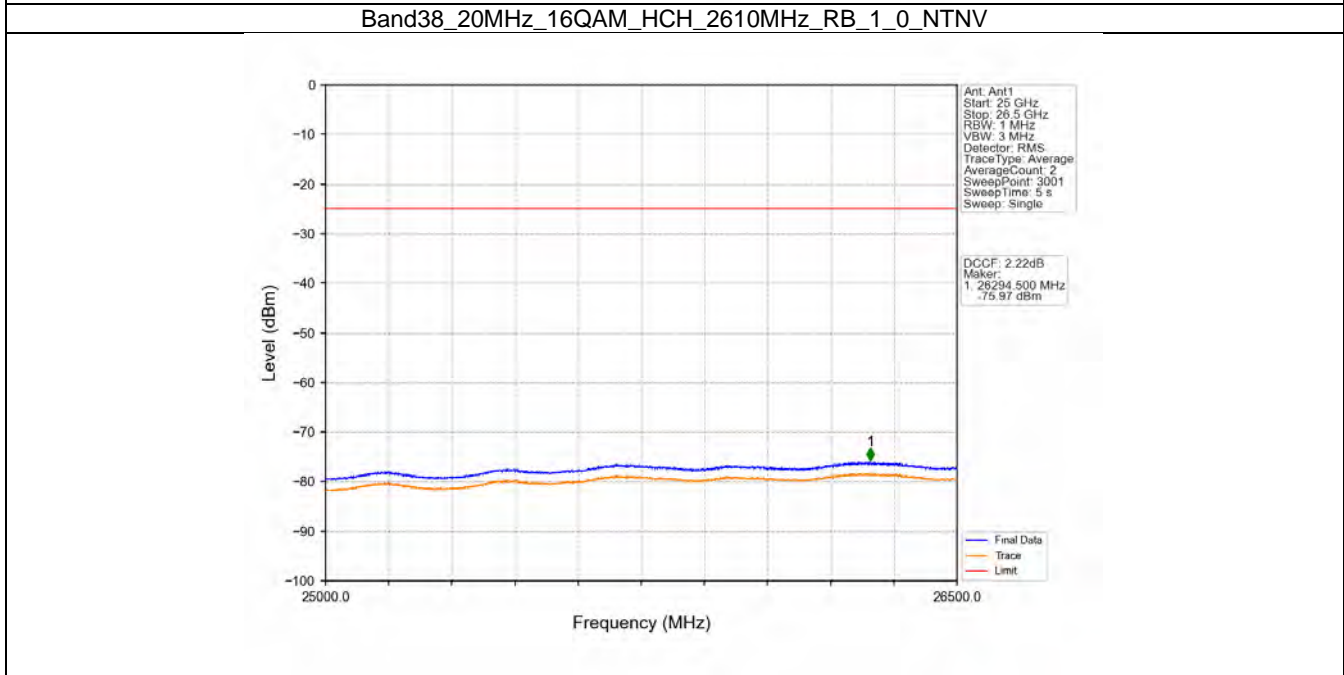
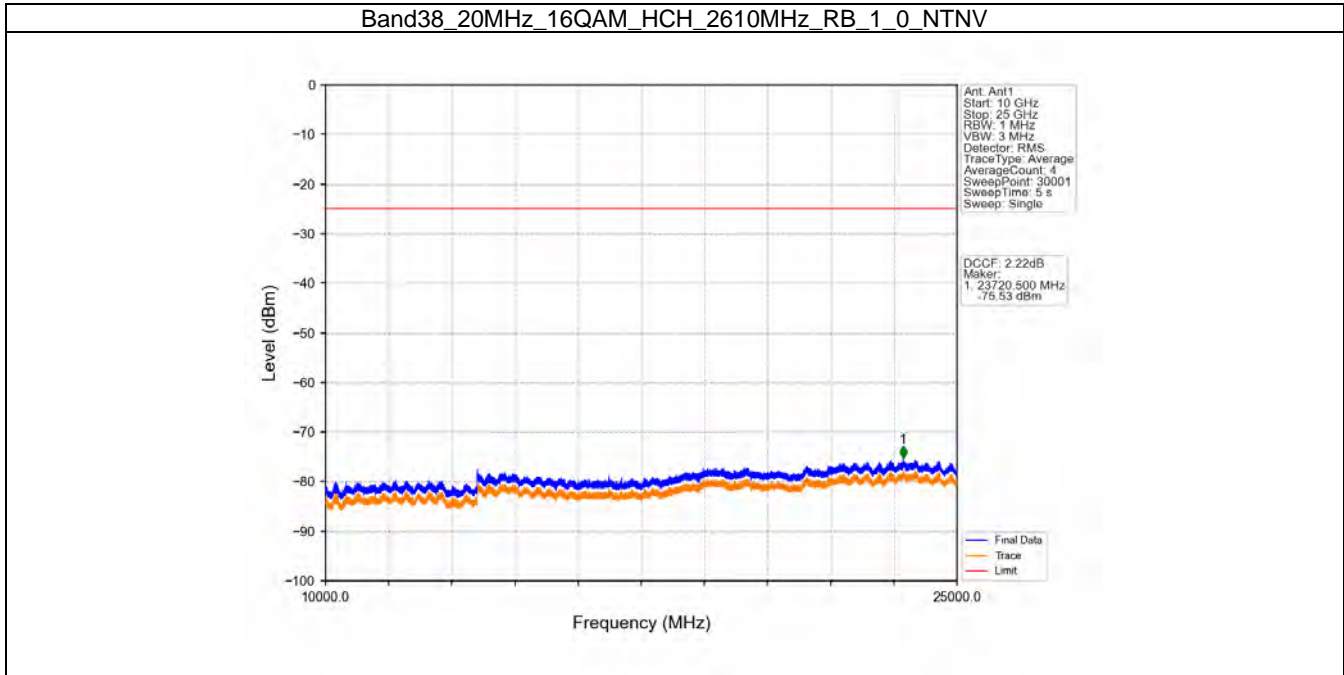


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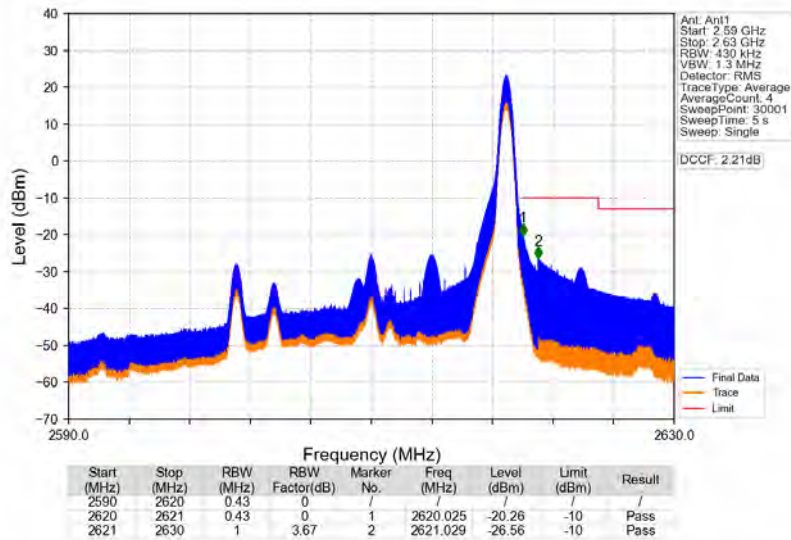
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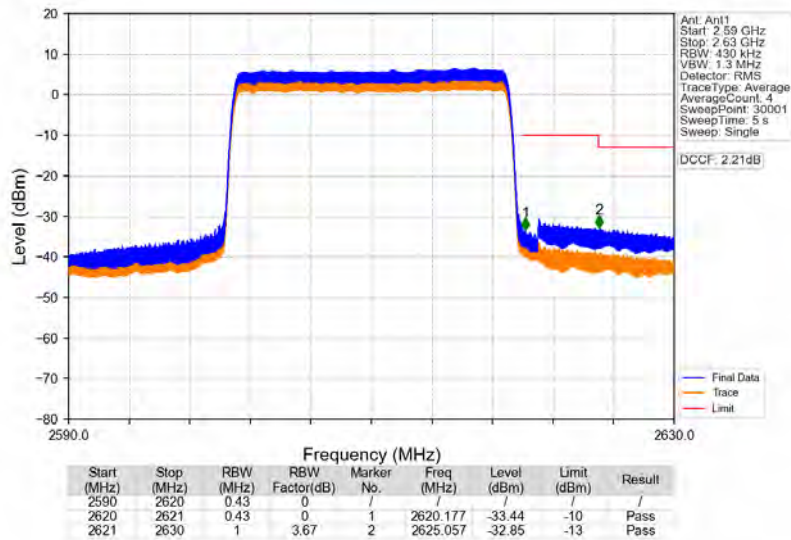
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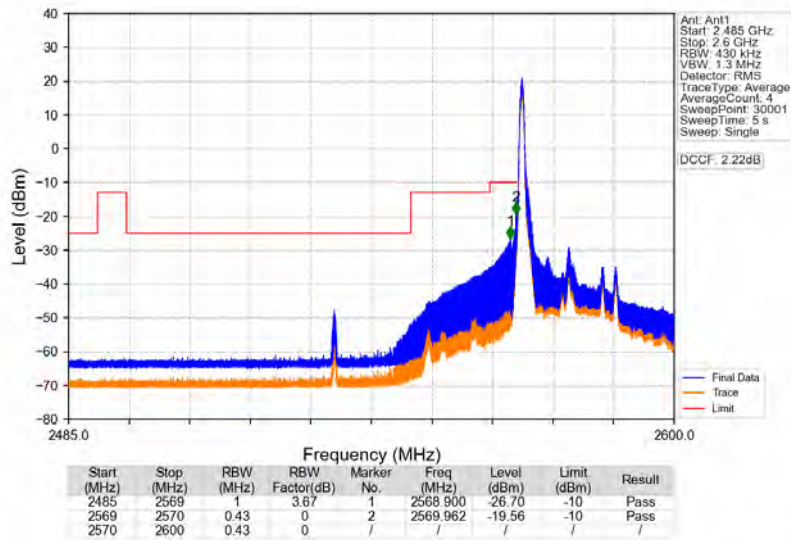
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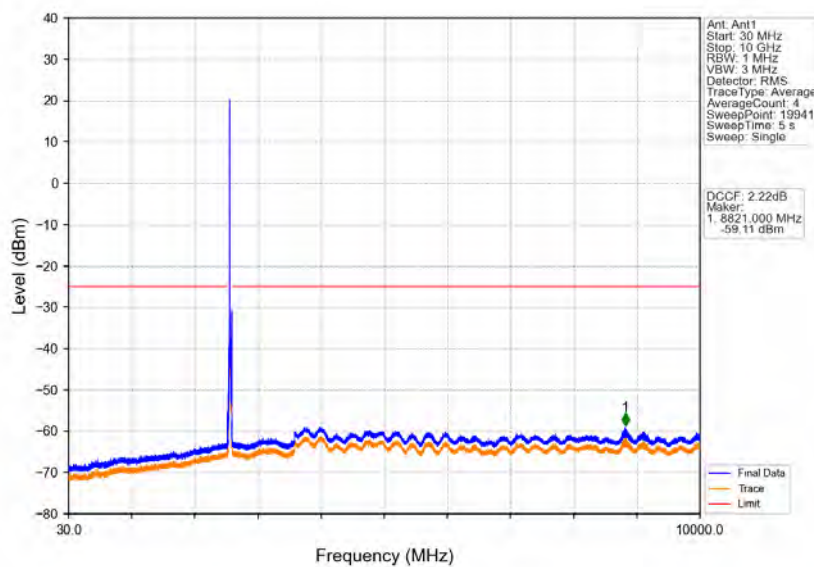
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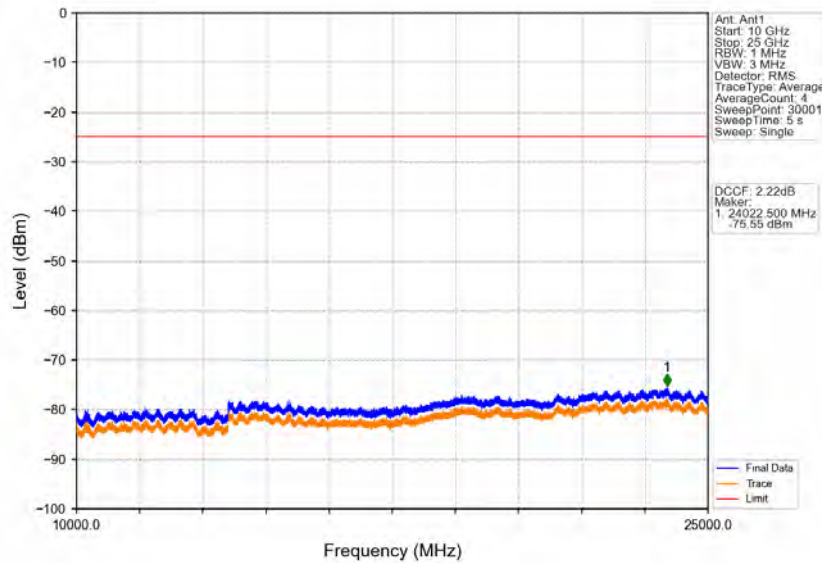
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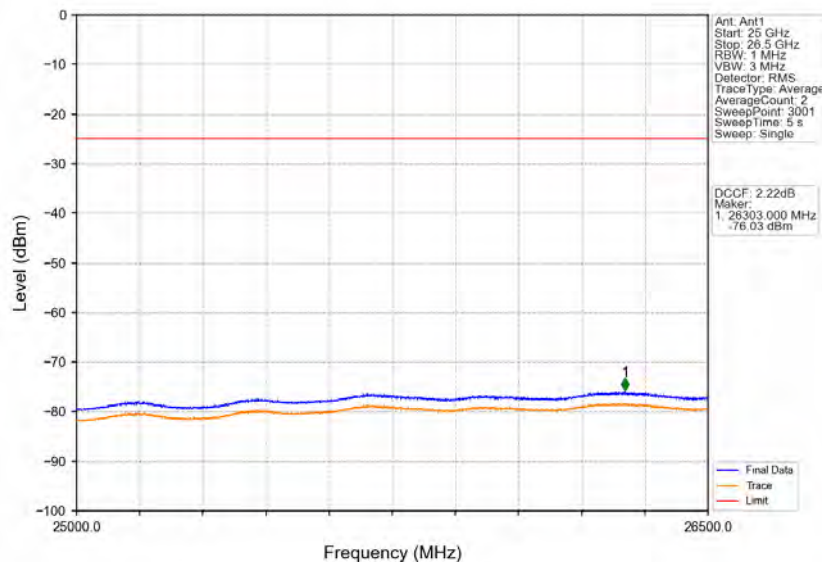
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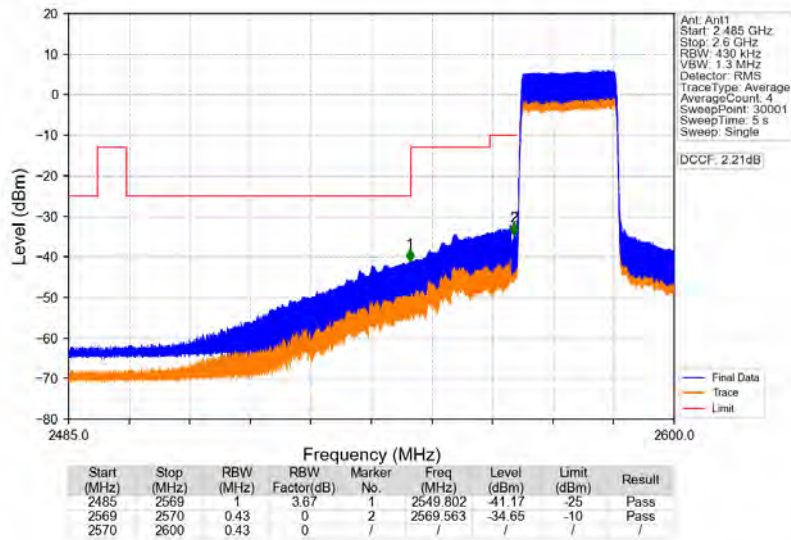
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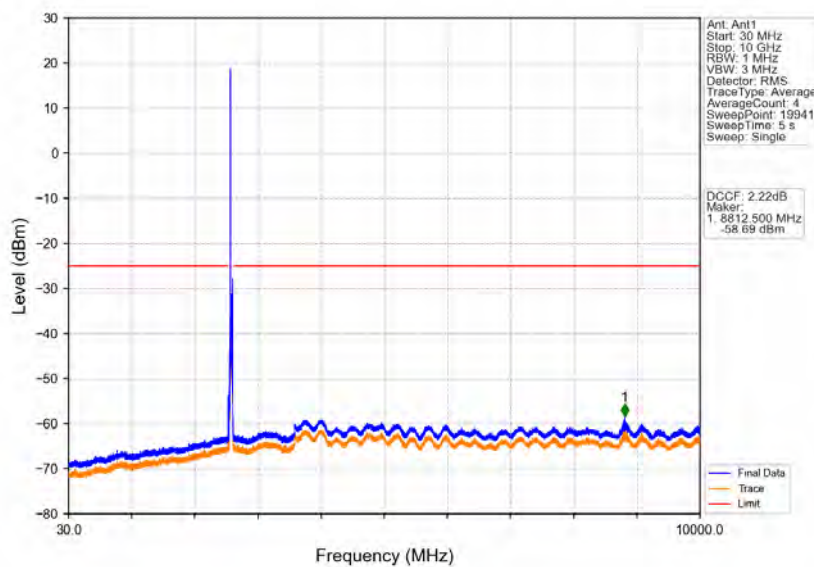
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Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



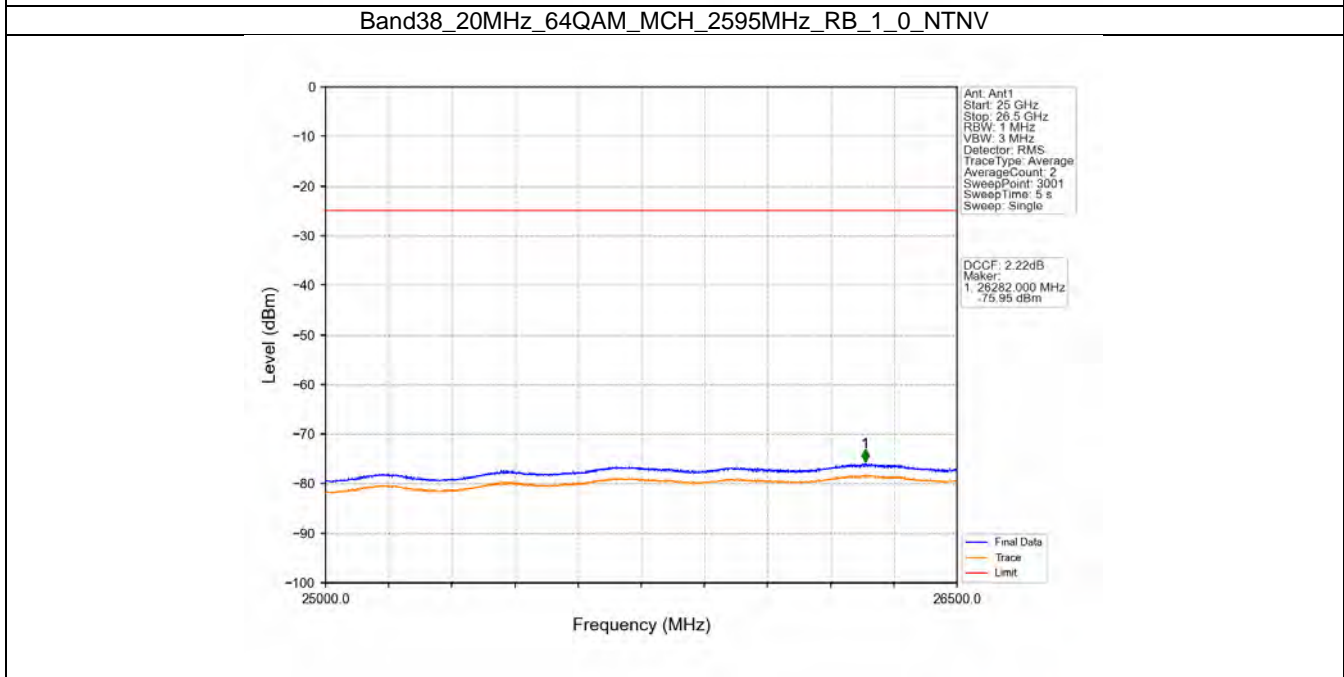
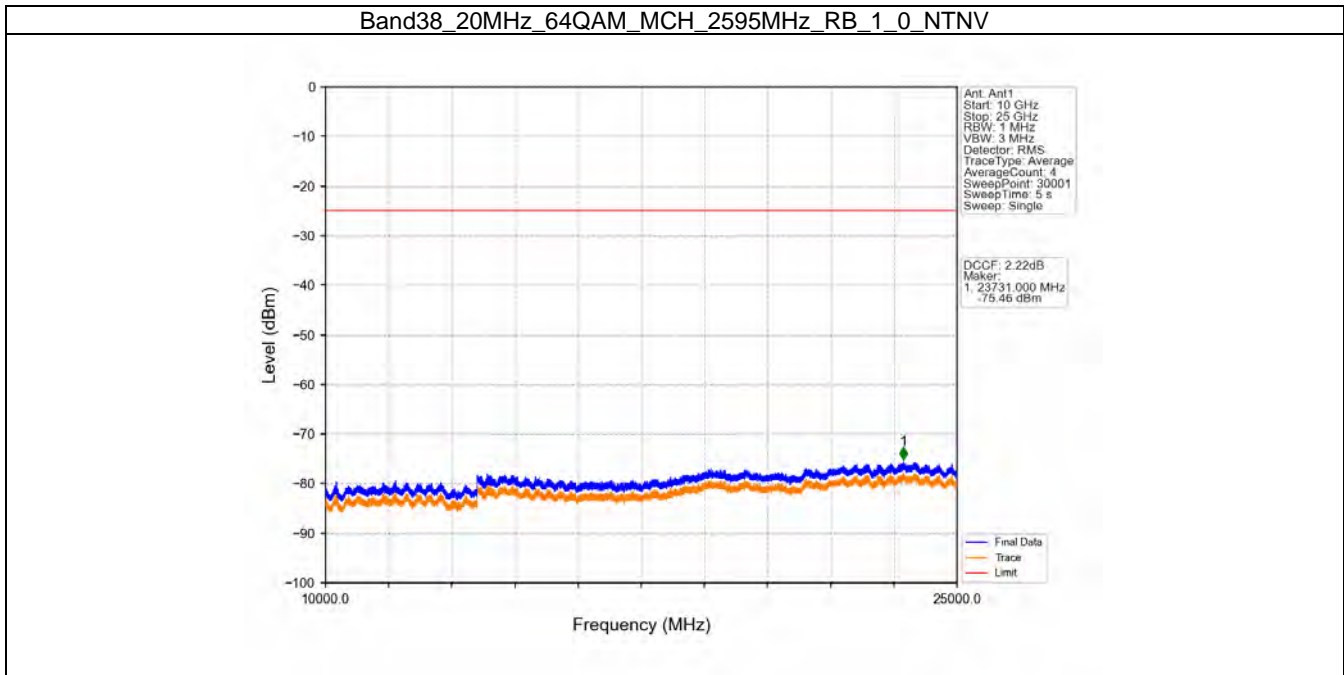
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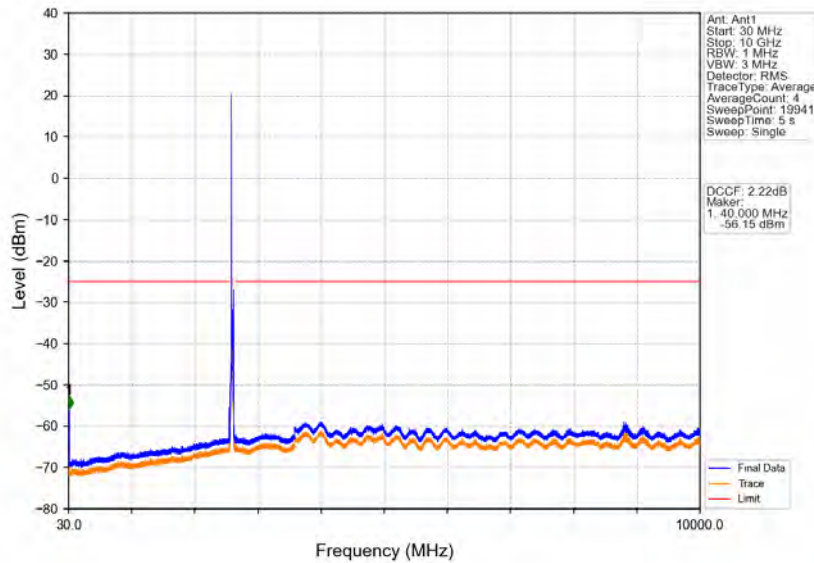




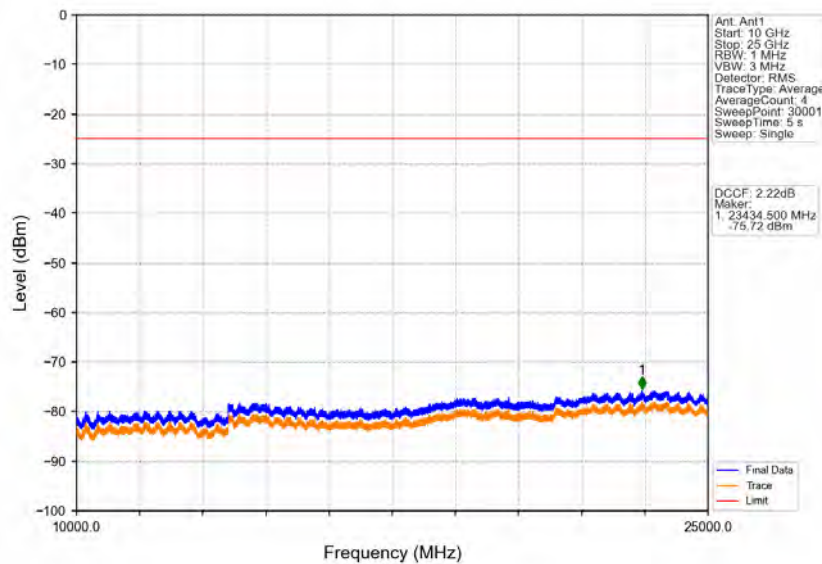
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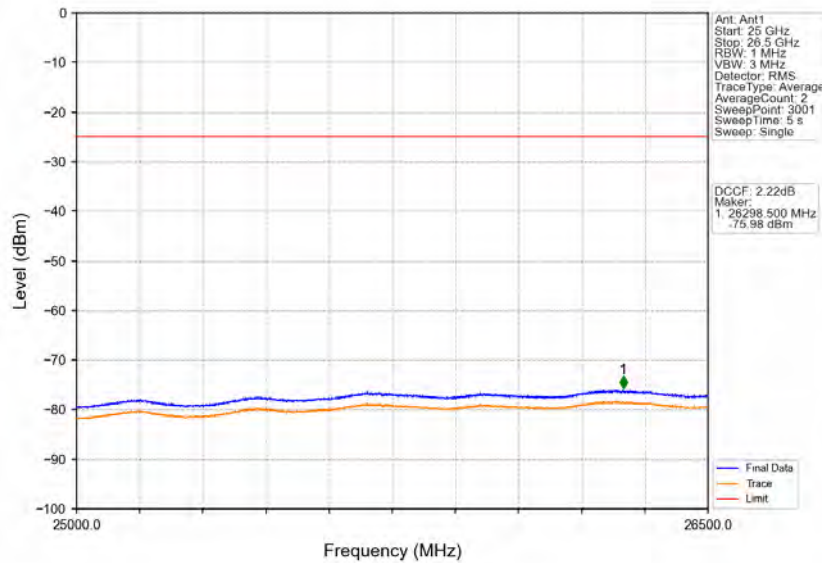
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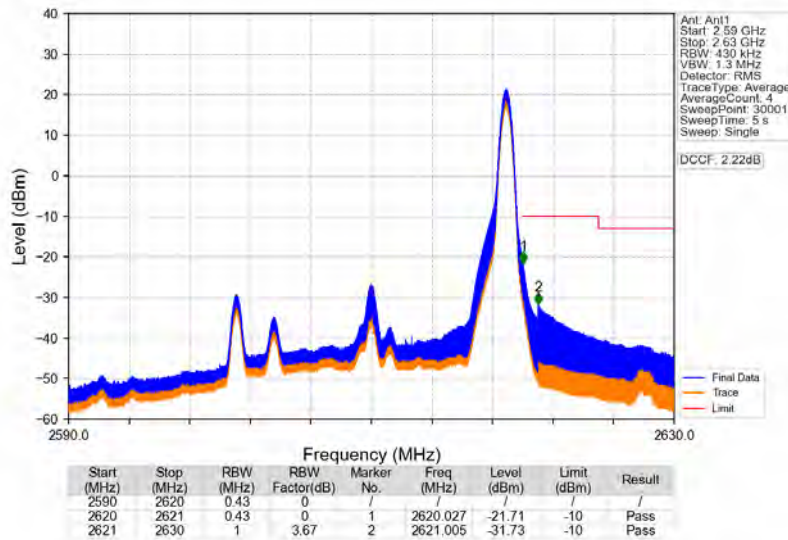
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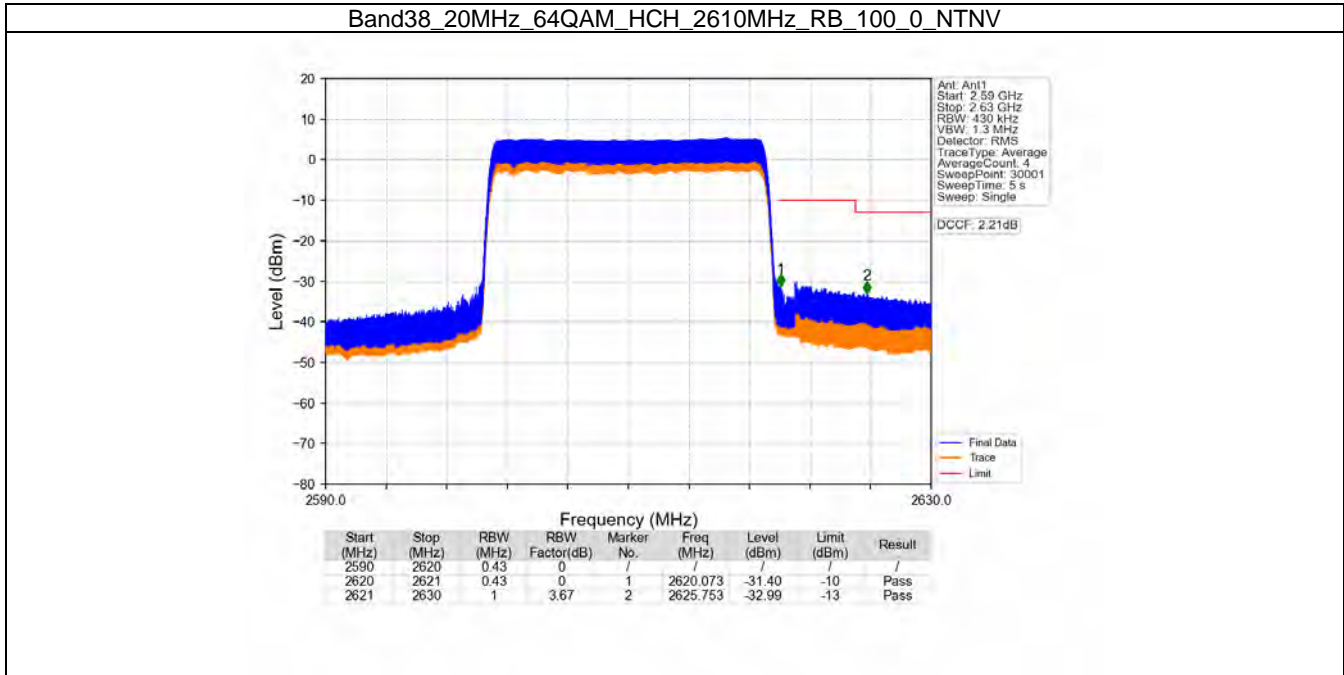
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