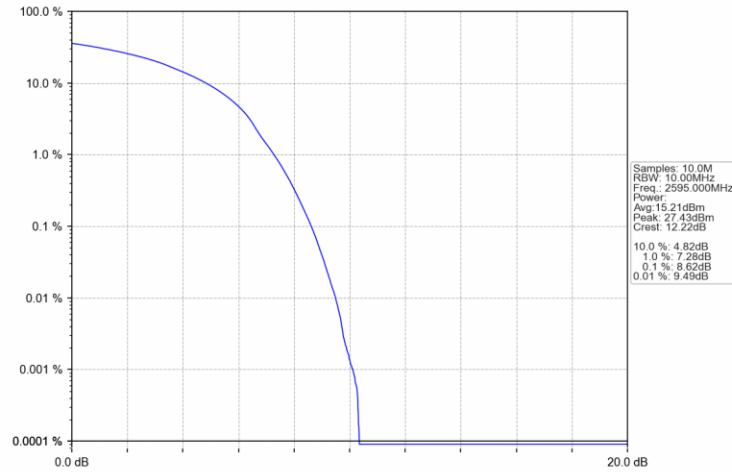
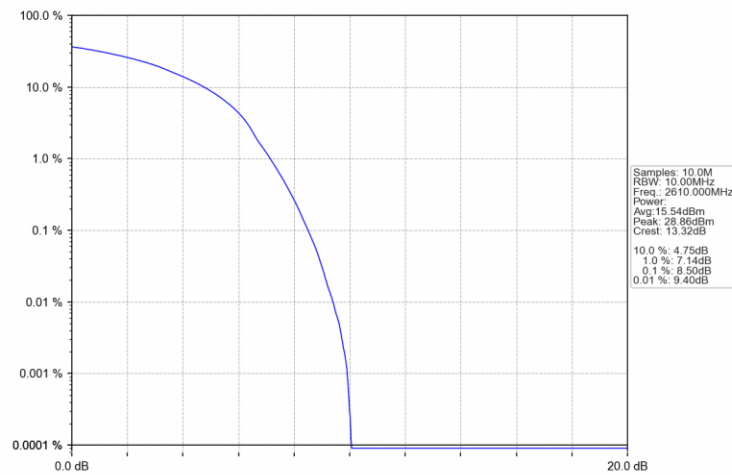


Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTV							
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

6.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
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
	2595	1	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
	2595	1	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

6.1.3 B38_15MHz

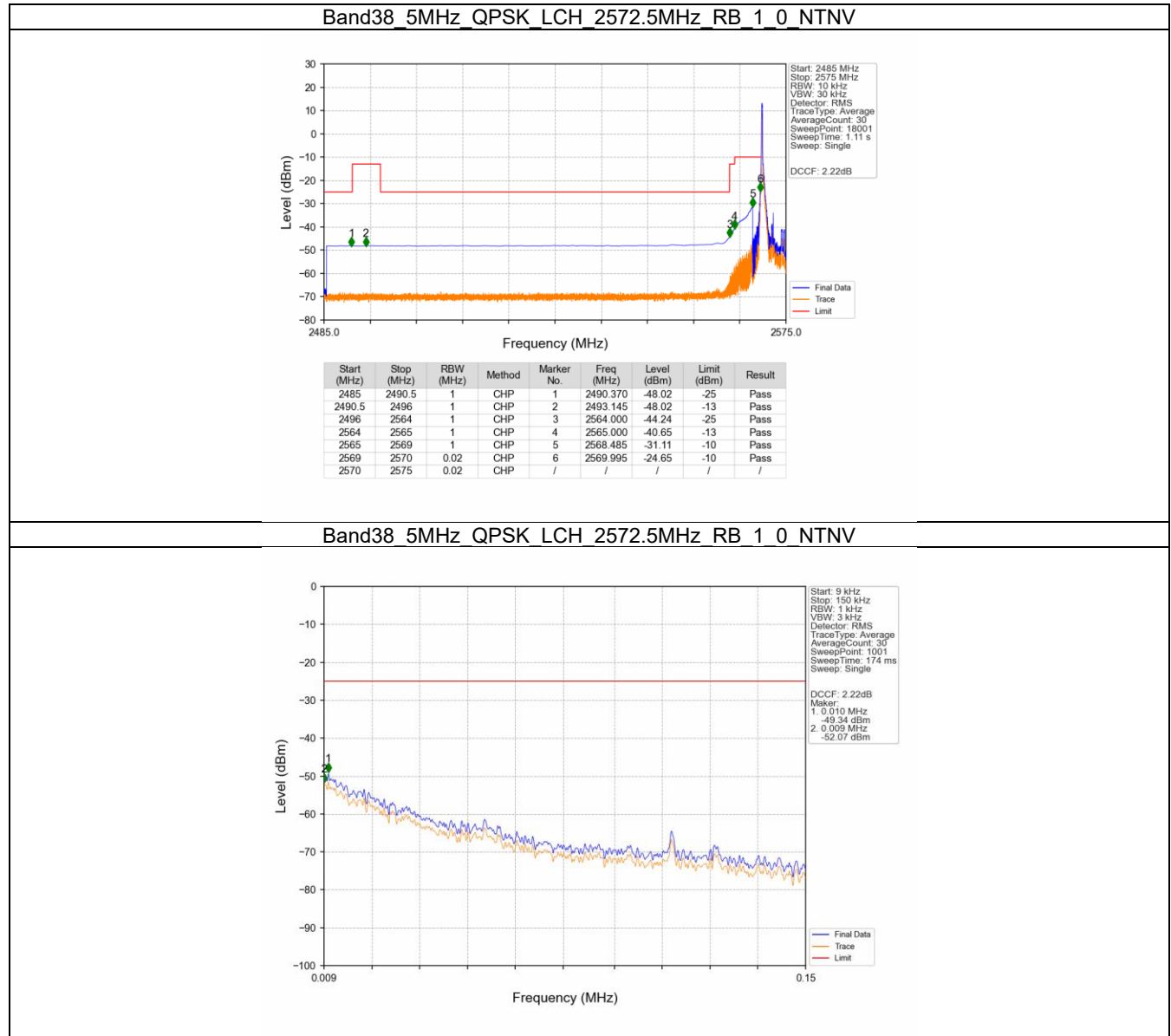
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To 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
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.4 B38_20MHz

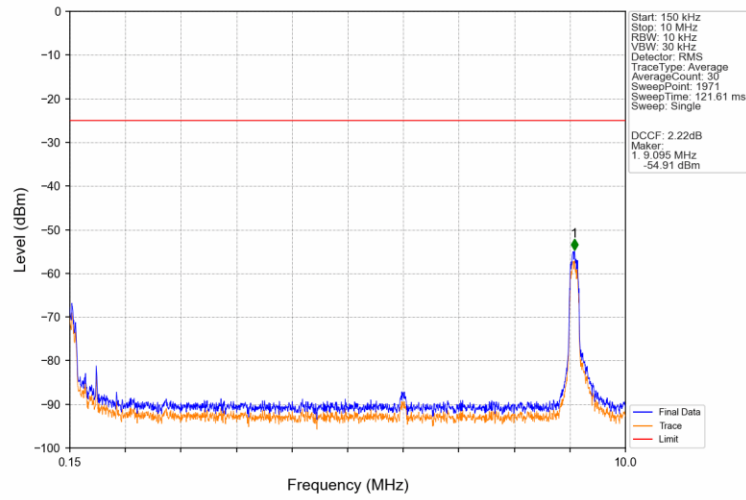
Band: 38 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	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

6.2 Test Graph

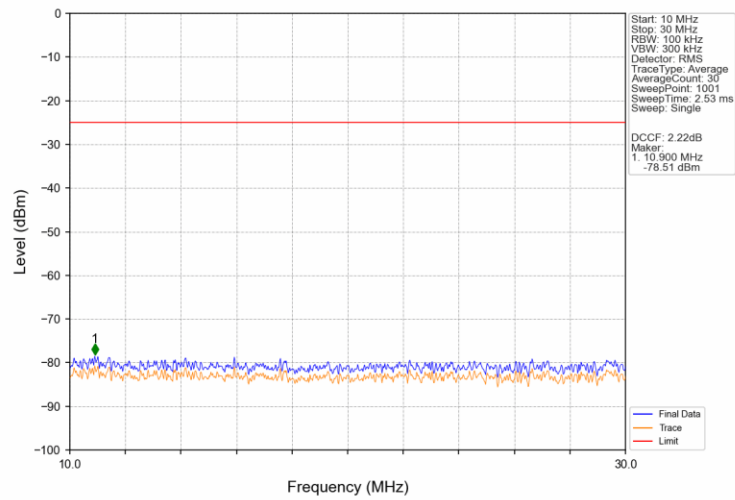
6.2.1 B38_5MHz



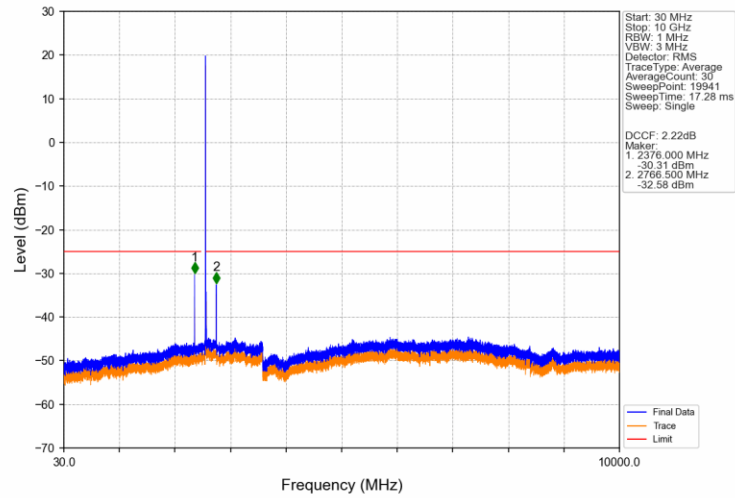
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



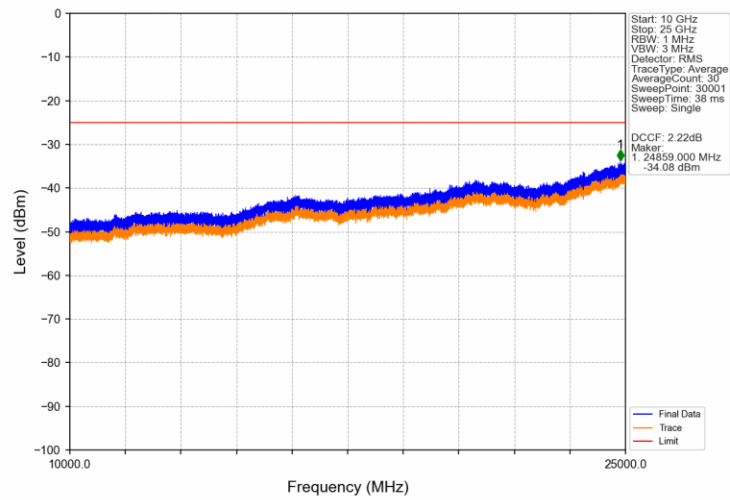
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



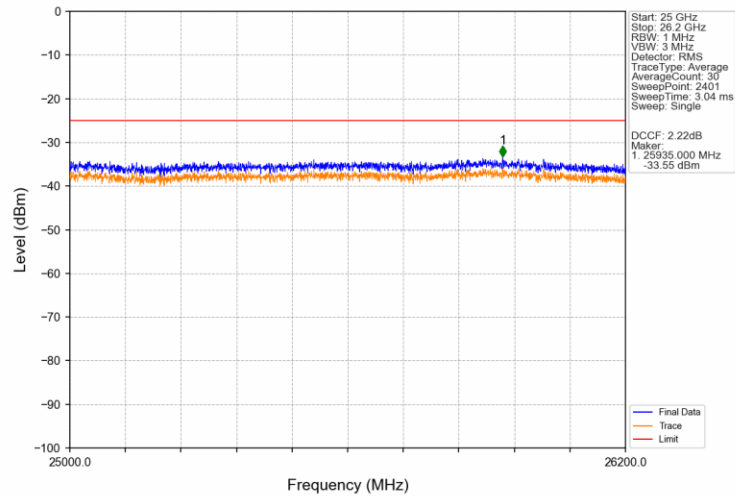
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



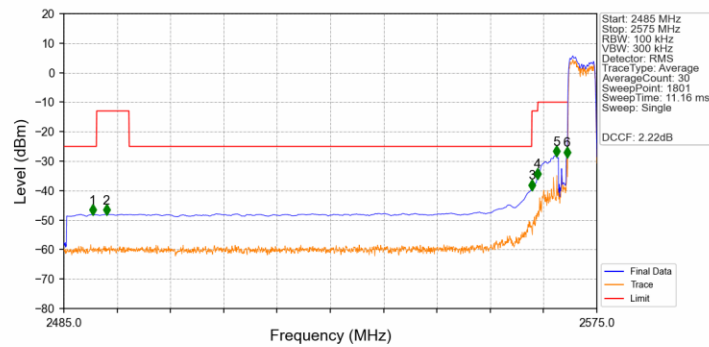
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

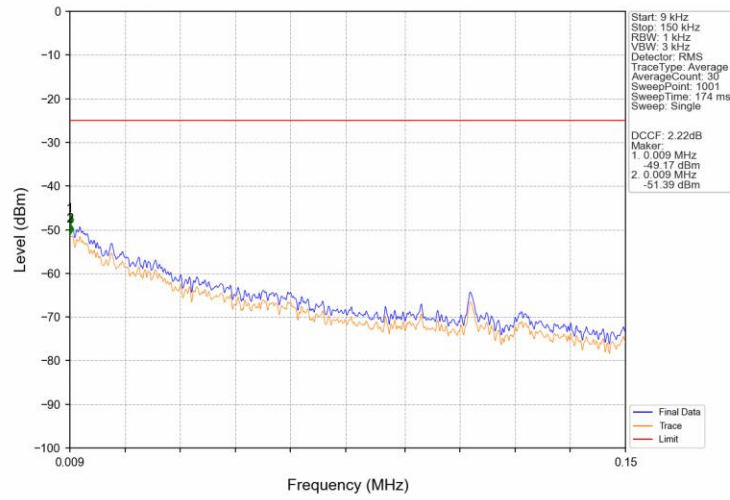


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

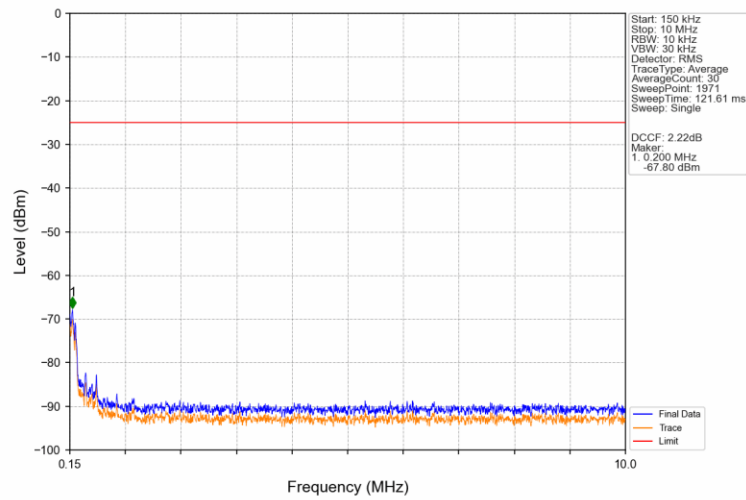


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.900	-48.05	-25	Pass
2490.5	2496	1	CHP	2	2492.200	-48.02	-13	Pass
2496	2564	1	CHP	3	2564.000	-39.62	-25	Pass
2564	2565	1	CHP	4	2565.000	-35.77	-13	Pass
2565	2569	1	CHP	5	2568.150	-28.17	-10	Pass
2569	2570	0.104	CHP	6	2569.950	-28.50	-10	Pass
2570	2575	0.104	CHP	/	/	/	/	/

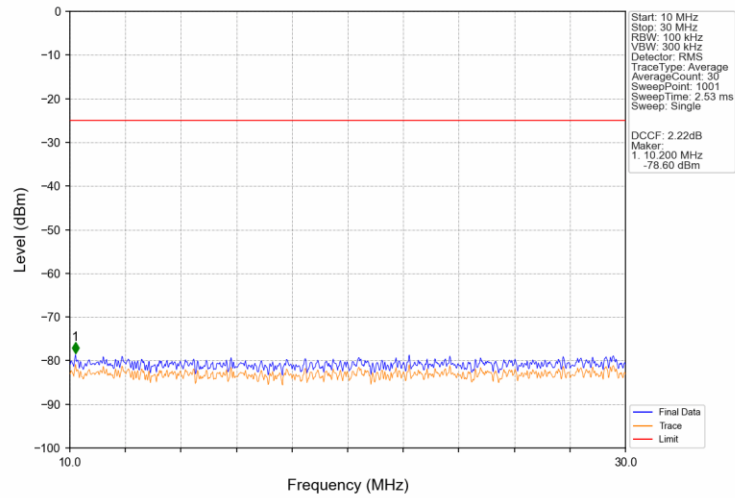
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



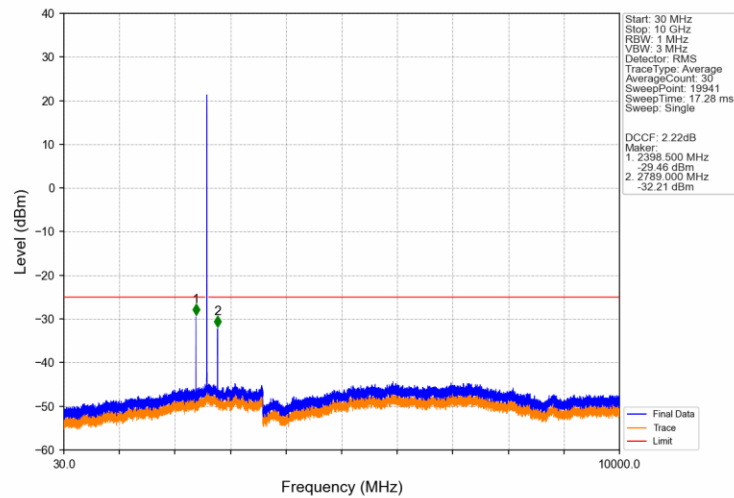
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



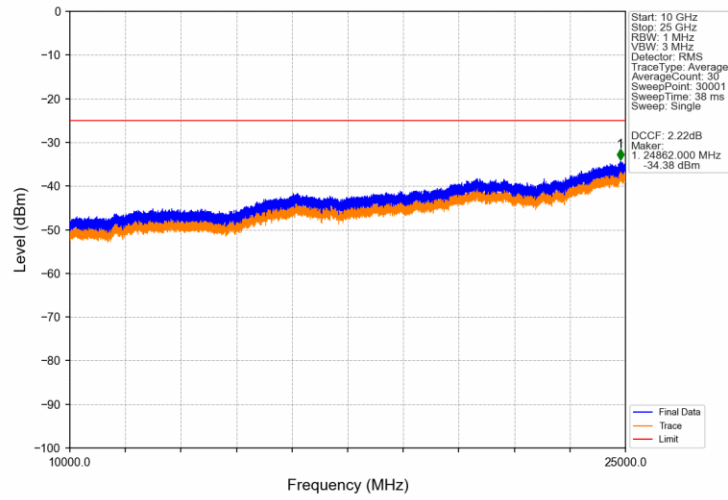
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



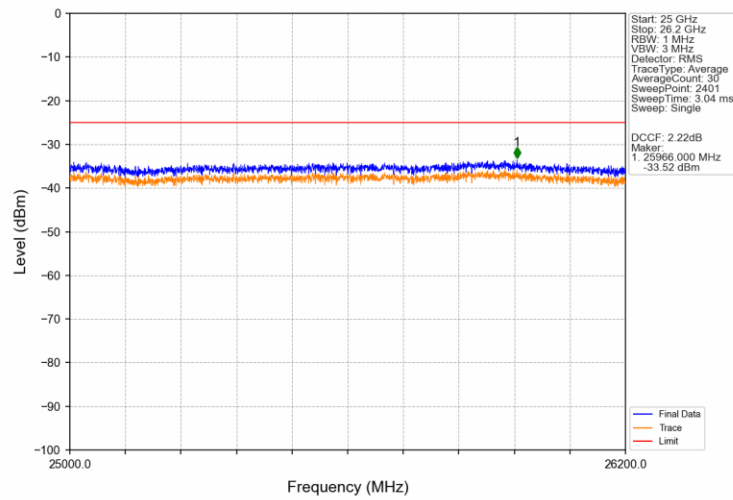
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



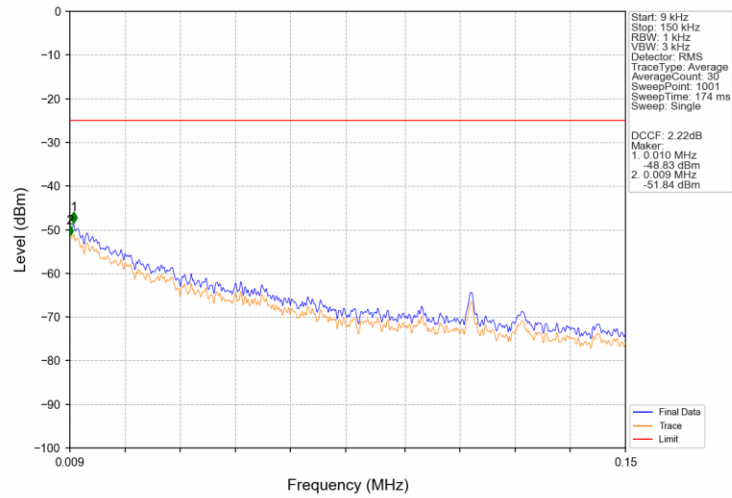
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



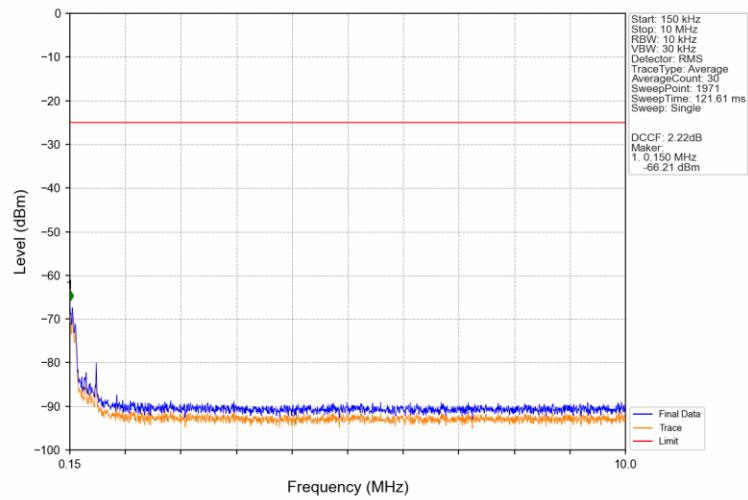
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



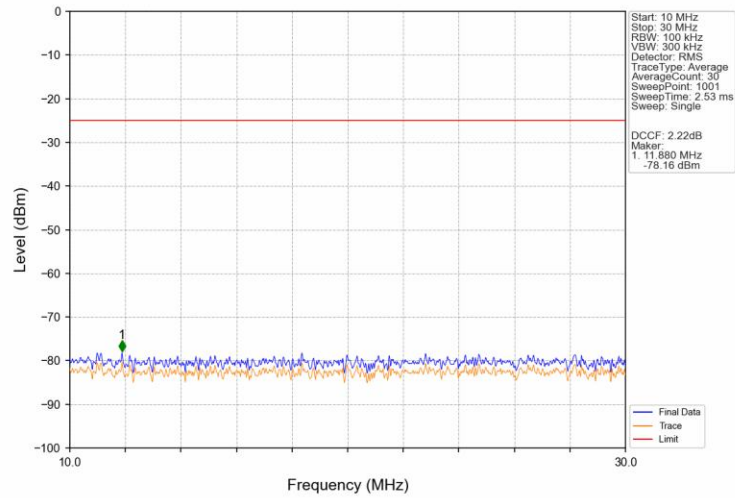
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



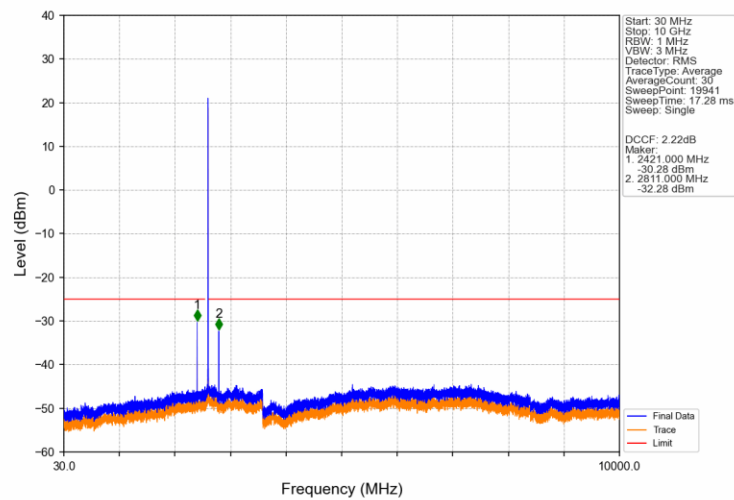
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



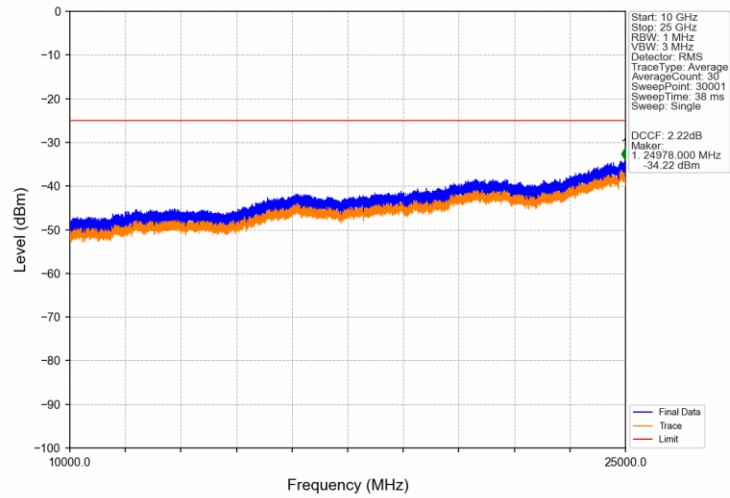
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



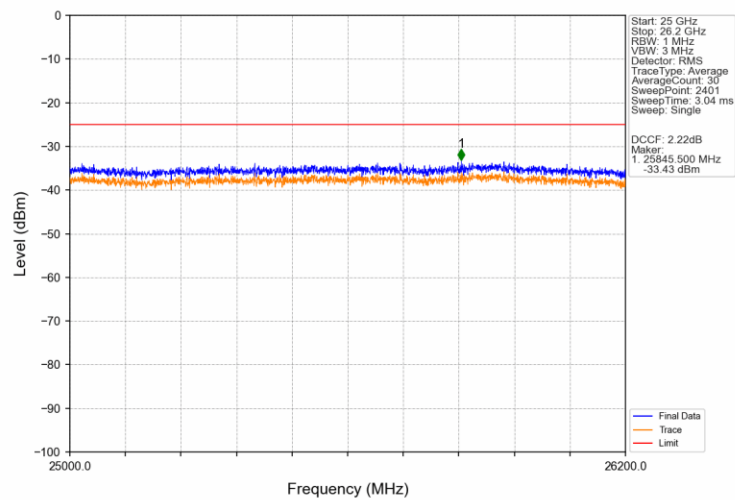
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



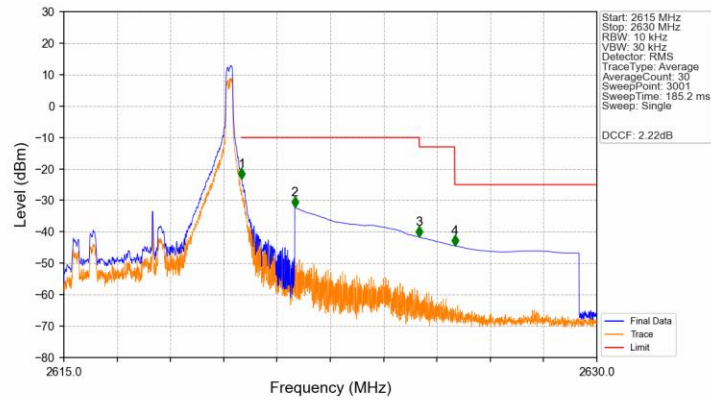
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

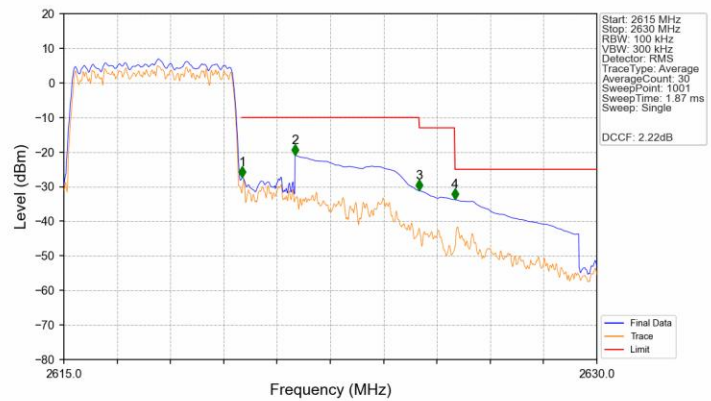


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



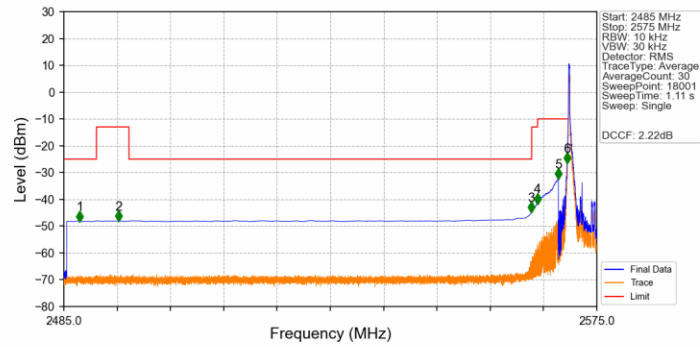
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-23.23	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.33	-10	Pass
2625	2626	1	CHP	3	2625.005	-41.73	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.43	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



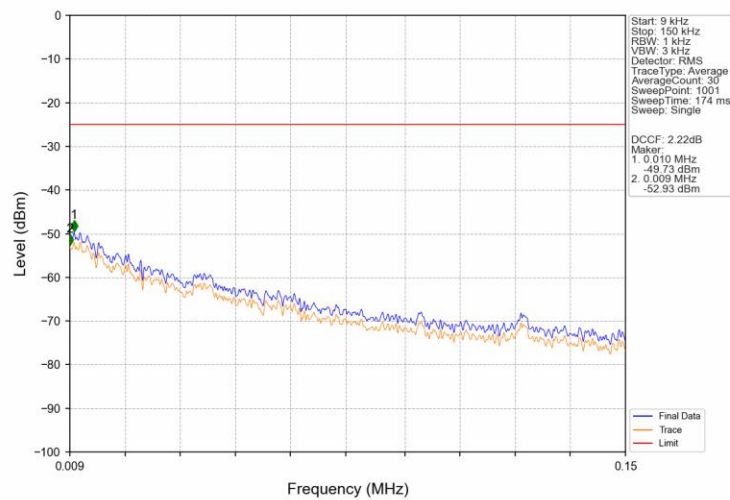
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.118	CHP	/	/	/	/	/
2620	2621	0.118	CHP	1	2620.025	-27.27	-10	Pass
2621	2625	1	CHP	2	2621.510	-20.93	-10	Pass
2625	2626	1	CHP	3	2625.005	-31.21	-13	Pass
2626	2630	1	CHP	4	2626.010	-33.71	-25	Pass

Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

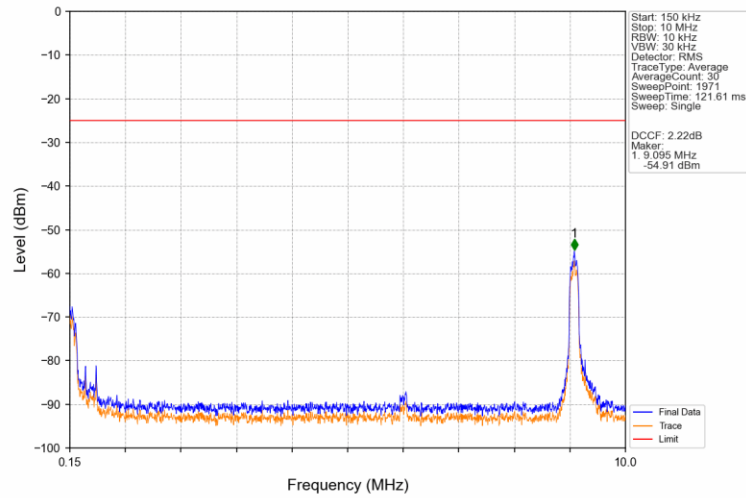


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.670	-48.07	-25	Pass
2490.5	2496	1	CHP	2	2494.240	-48.00	-13	Pass
2496	2564	1	CHP	3	2563.985	-44.70	-25	Pass
2564	2565	1	CHP	4	2565.000	-41.49	-13	Pass
2565	2569	1	CHP	5	2568.500	-32.23	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-26.30	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

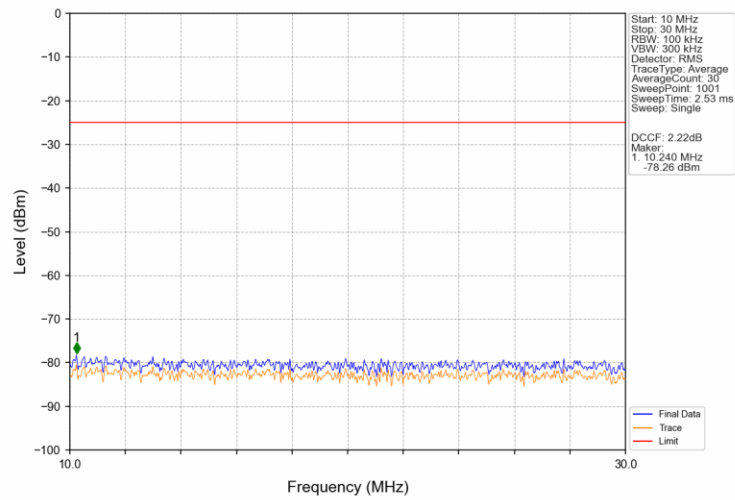
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



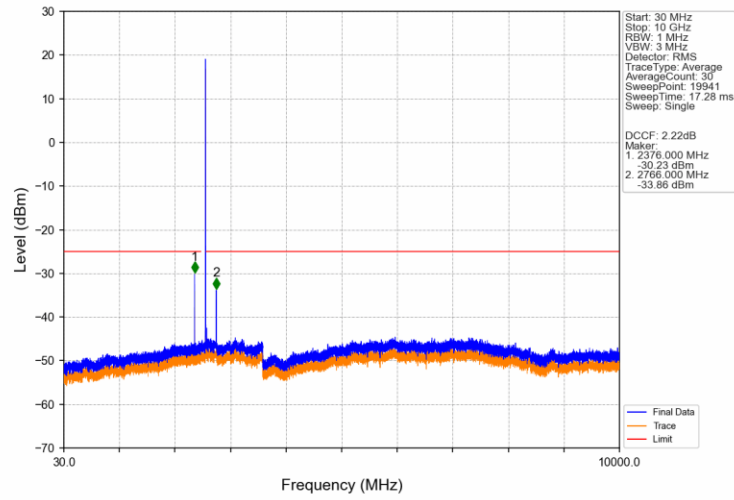
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



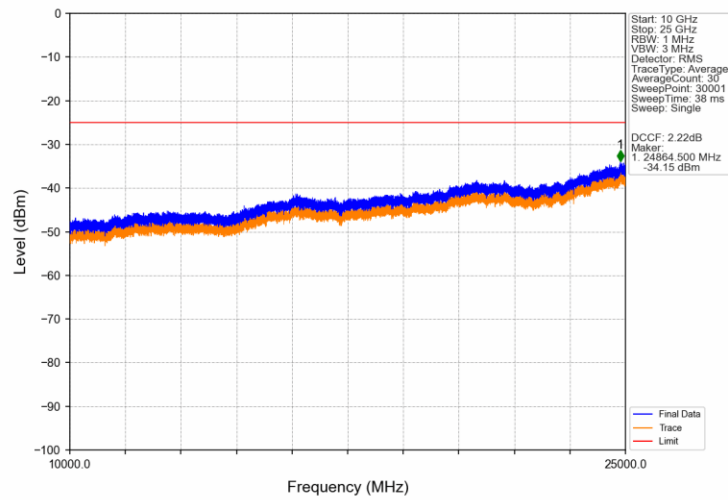
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



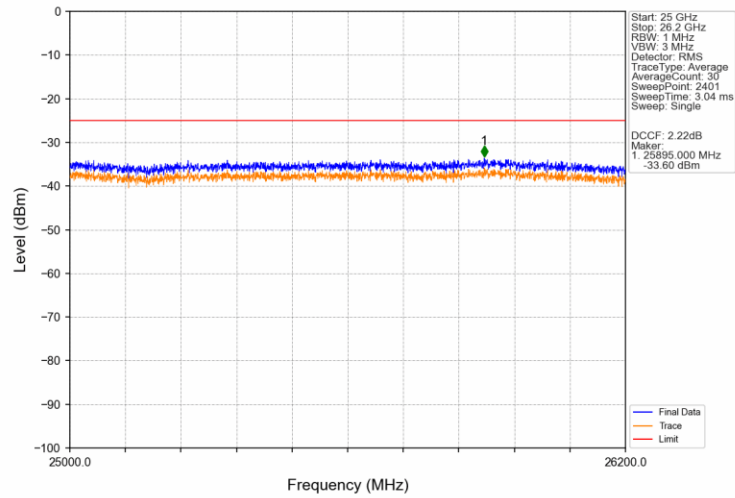
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



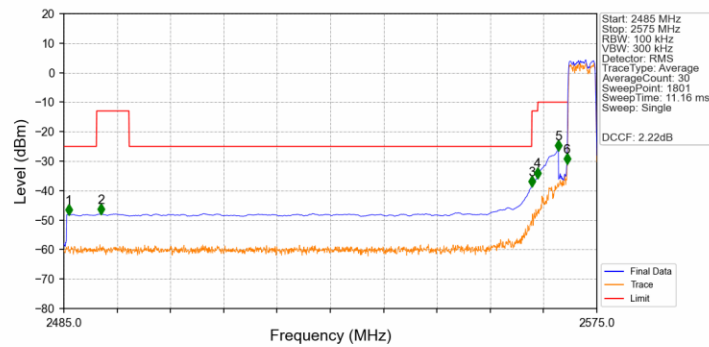
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

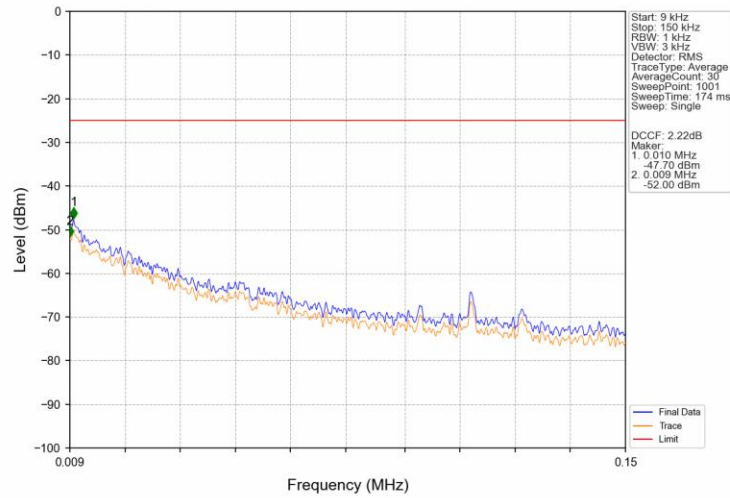


Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTN

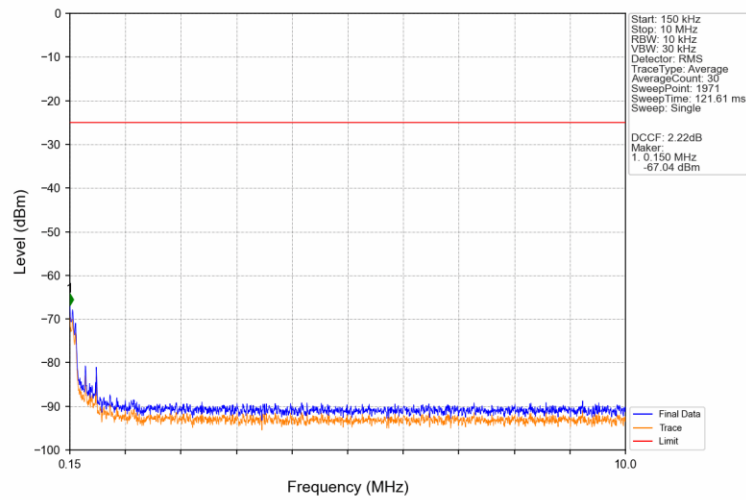


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.850	-48.00	-25	Pass
2490.5	2496	1	CHP	2	2491.300	-47.84	-13	Pass
2496	2564	1	CHP	3	2564.000	-38.48	-25	Pass
2564	2565	1	CHP	4	2565.000	-35.58	-13	Pass
2565	2569	1	CHP	5	2568.500	-26.23	-10	Pass
2569	2570	0.102	CHP	6	2569.950	-30.83	-10	Pass
2570	2575	0.102	CHP	/	/	/	/	/

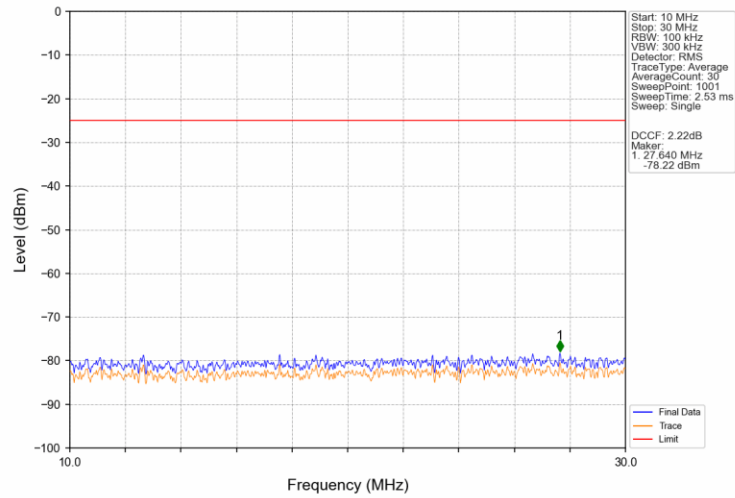
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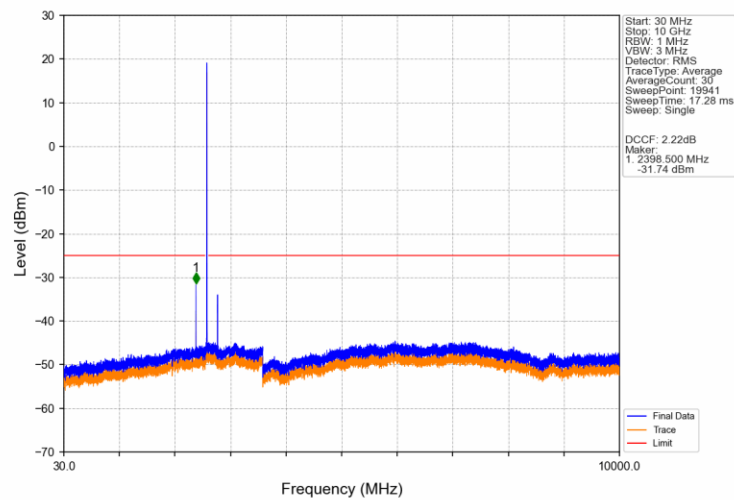
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



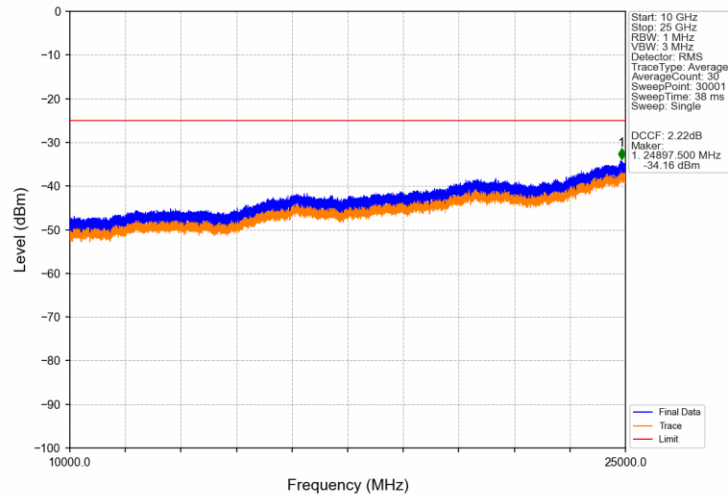
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



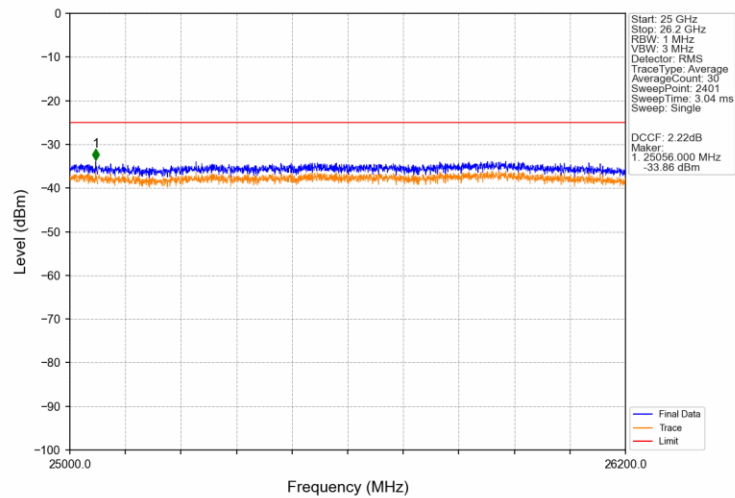
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



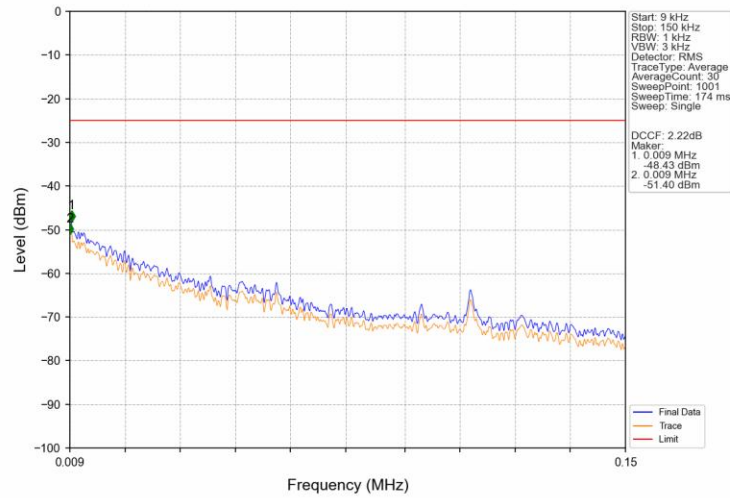
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



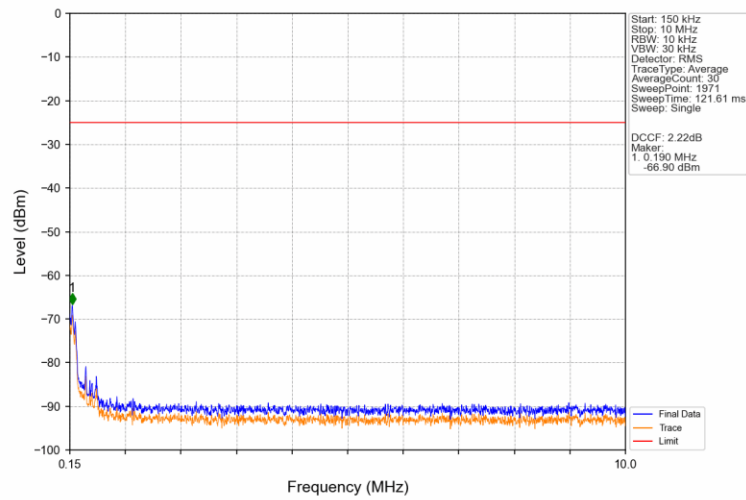
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



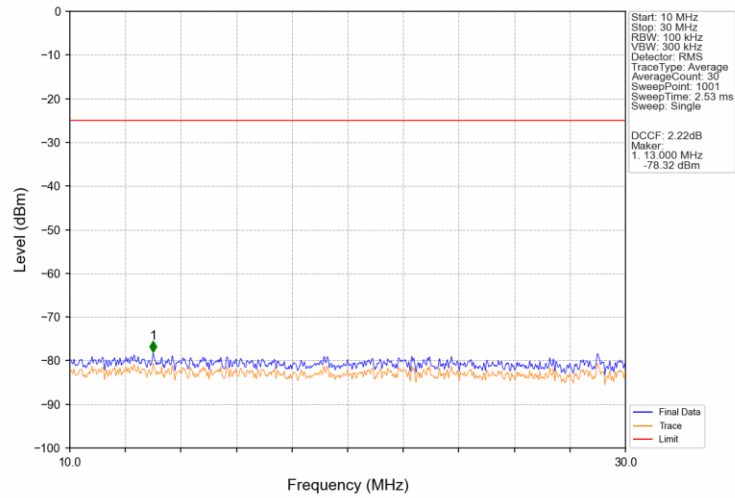
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



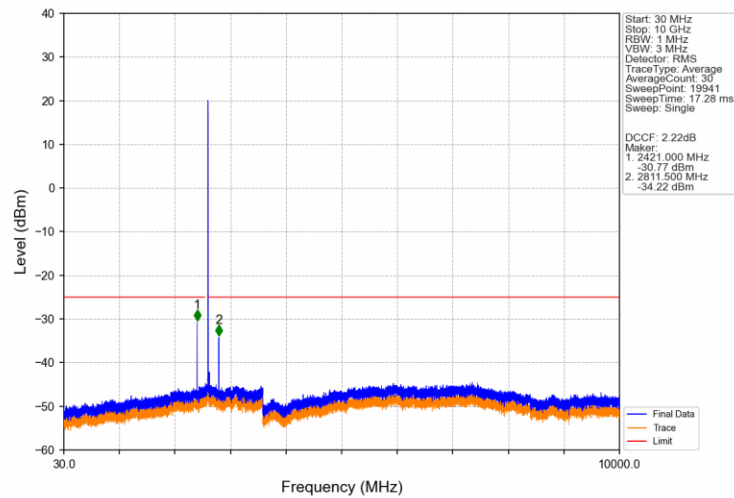
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



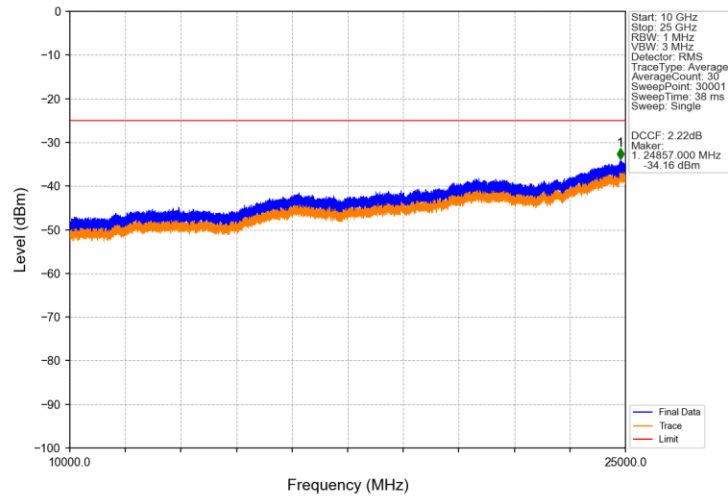
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



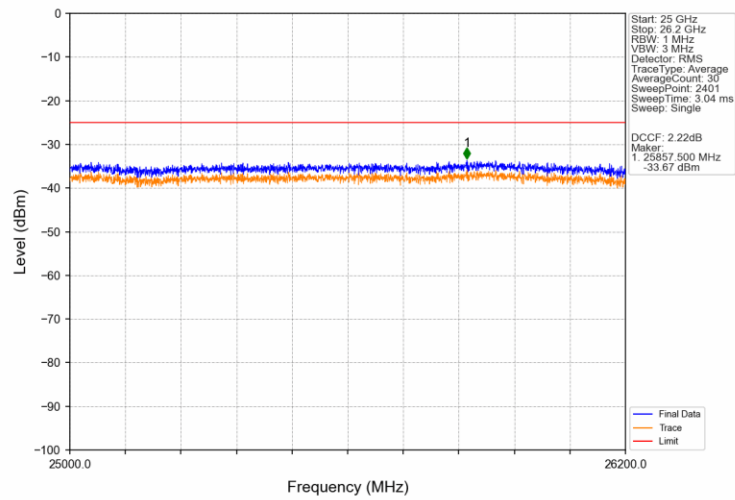
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



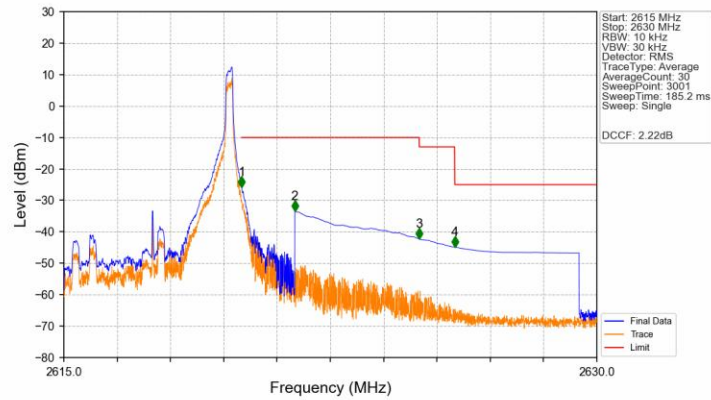
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV

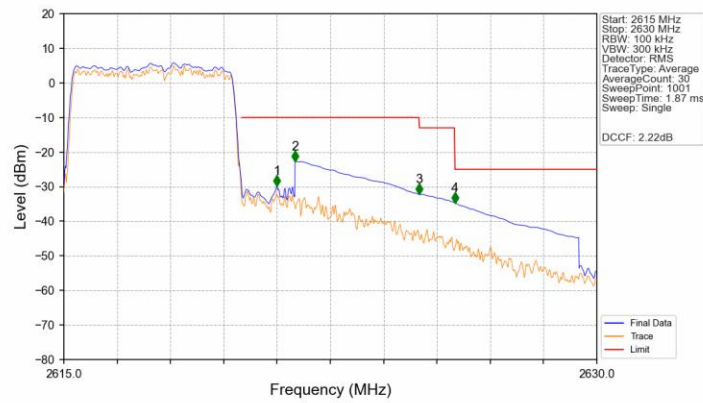


Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-25.83	-10	Pass
2621	2625	1	CHP	2	2621.500	-33.47	-10	Pass
2625	2626	1	CHP	3	2625.005	-42.30	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.88	-25	Pass

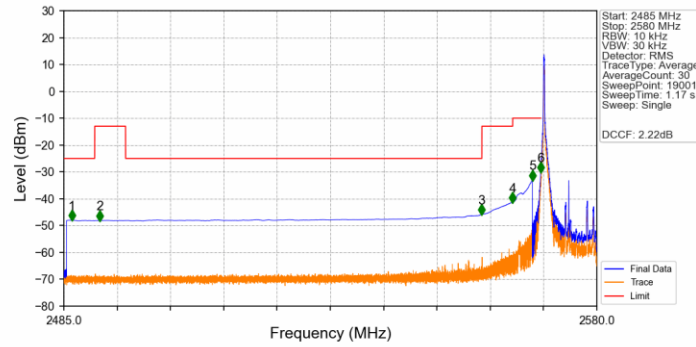
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.101	CHP	/	/	/	/	/
2620	2621	0.101	CHP	1	2621.000	-29.87	-10	Pass
2621	2625	1	CHP	2	2621.510	-22.67	-10	Pass
2625	2626	1	CHP	3	2625.005	-32.25	-13	Pass
2626	2630	1	CHP	4	2626.010	-34.72	-25	Pass

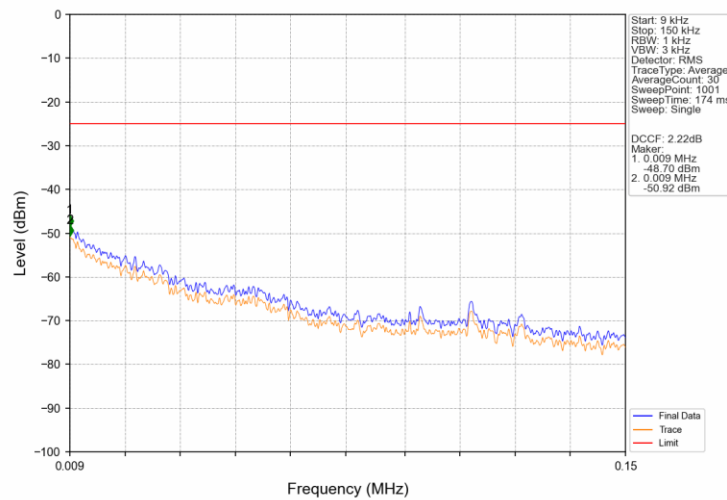
6.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

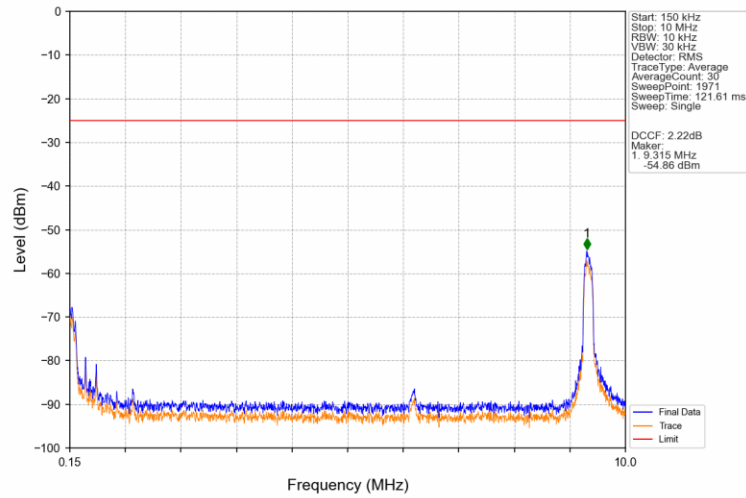


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.420	-47.99	-25	Pass
2490.5	2496	1	CHP	2	2491.415	-48.05	-13	Pass
2496	2559.513	1	CHP	3	2559.500	-45.89	-25	Pass
2559.513	2565	1	CHP	4	2565.000	-41.36	-13	Pass
2565	2569	1	CHP	5	2568.500	-33.00	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-30.09	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

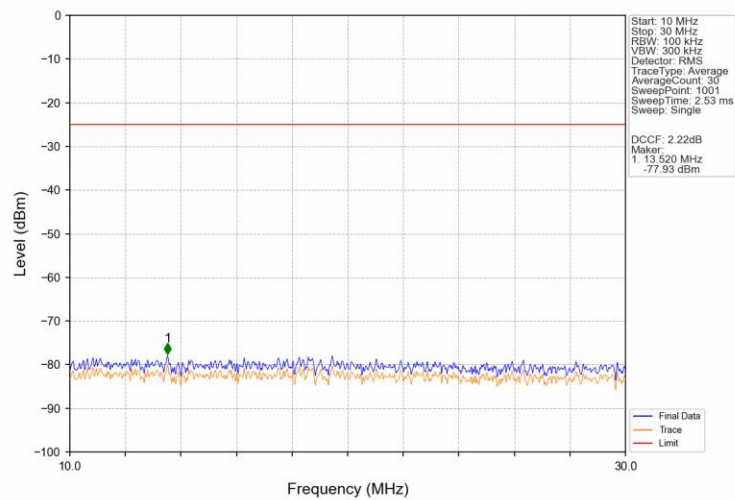
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



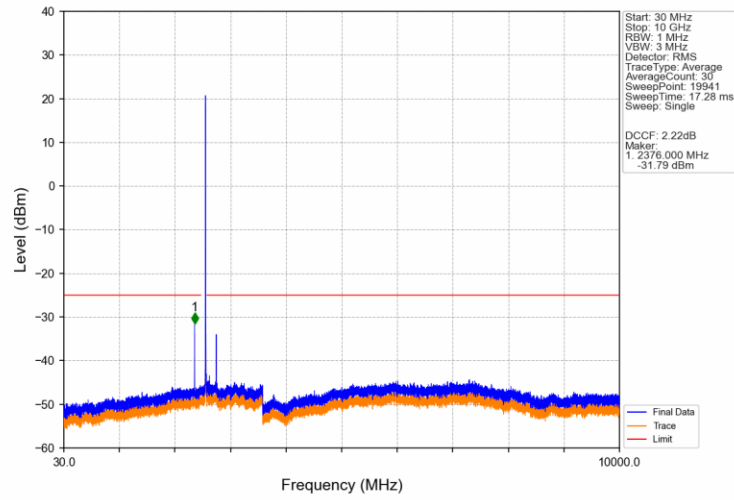
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



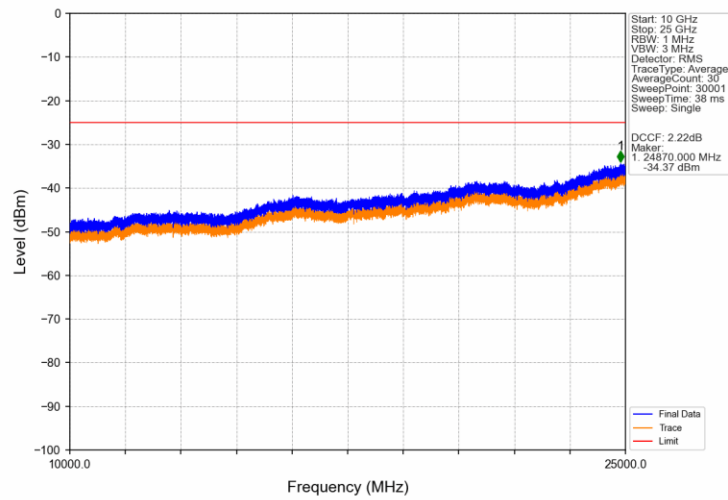
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



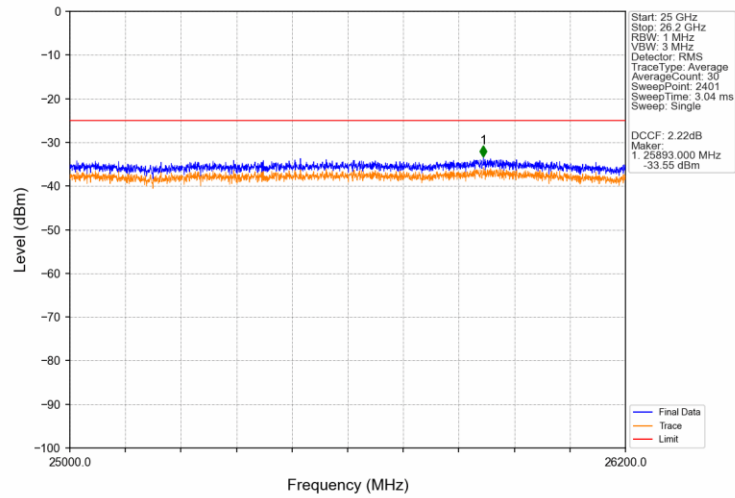
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



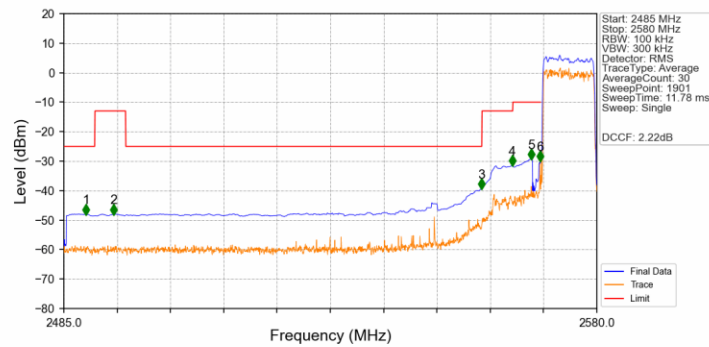
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

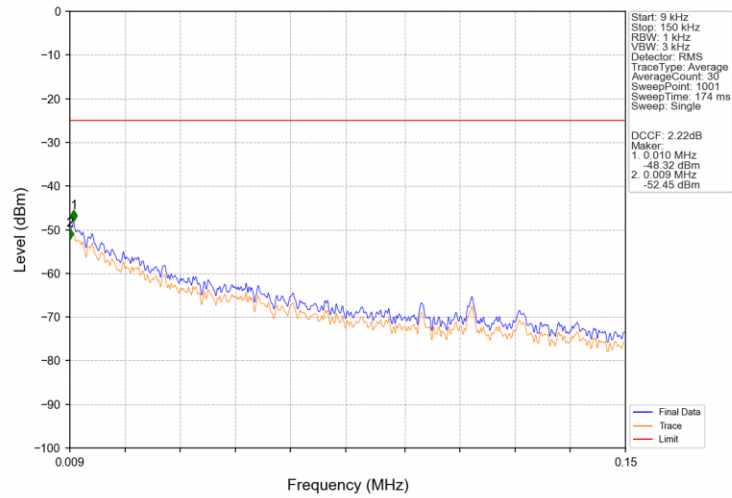


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

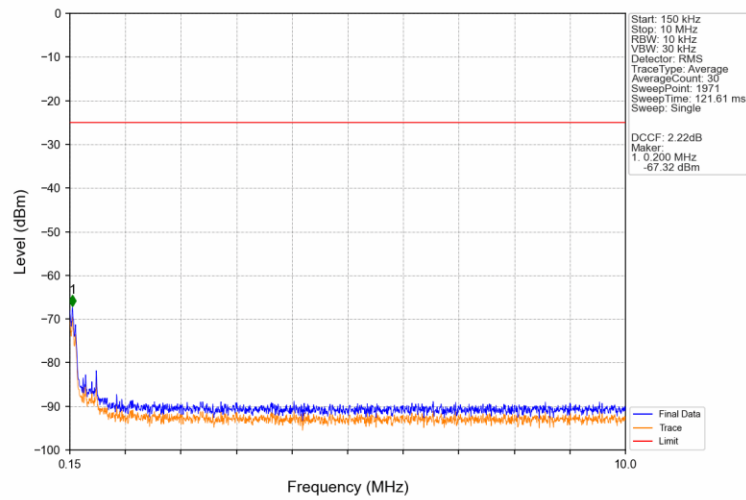


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.950	-47.94	-25	Pass
2490.5	2496	1	CHP	2	2493.850	-47.94	-13	Pass
2496	2559.513	1	CHP	3	2559.500	-39.24	-25	Pass
2559.513	2565	1	CHP	4	2564.900	-31.47	-13	Pass
2565	2569	1	CHP	5	2568.300	-29.20	-10	Pass
2569	2570	0.21	CHP	6	2569.900	-29.88	-10	Pass
2570	2580	0.21	CHP	/	/	/	/	/

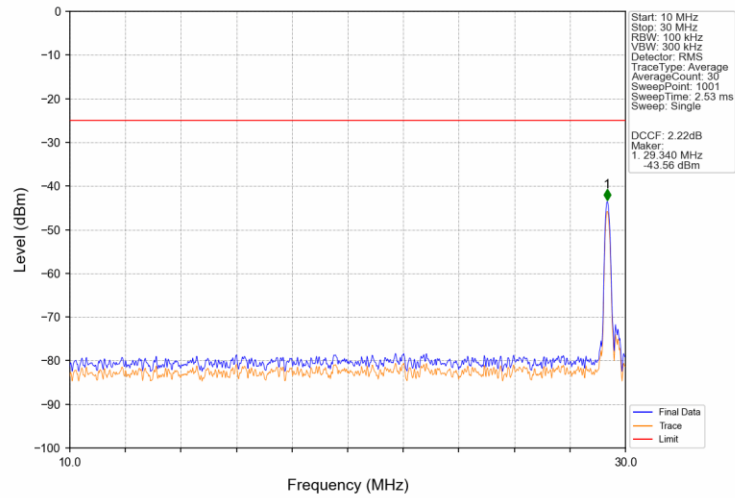
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



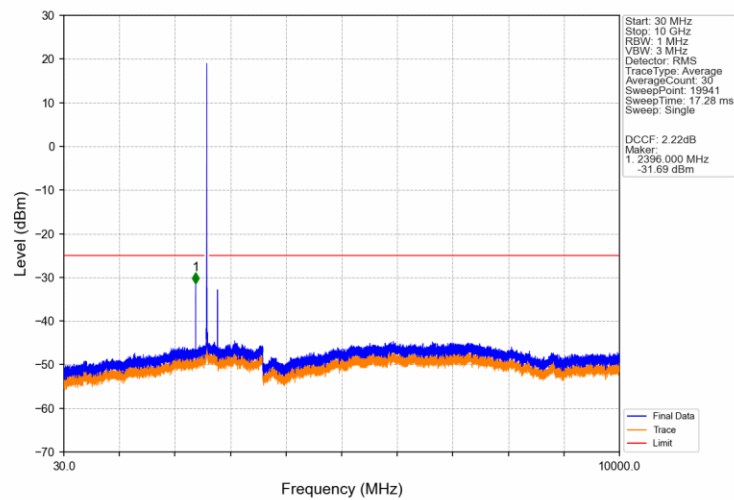
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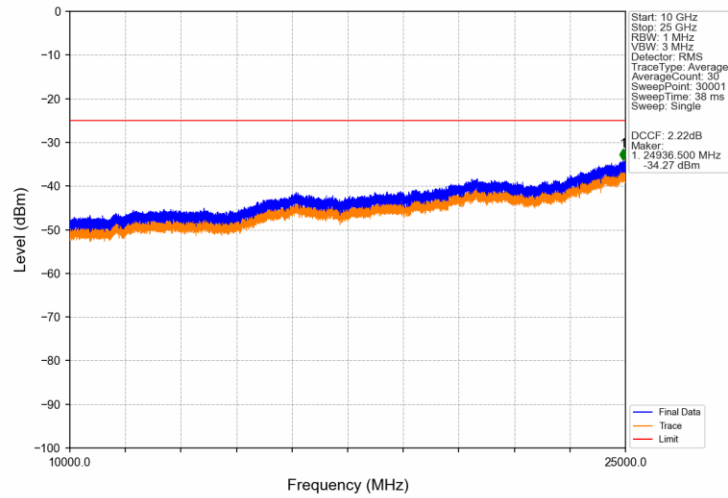
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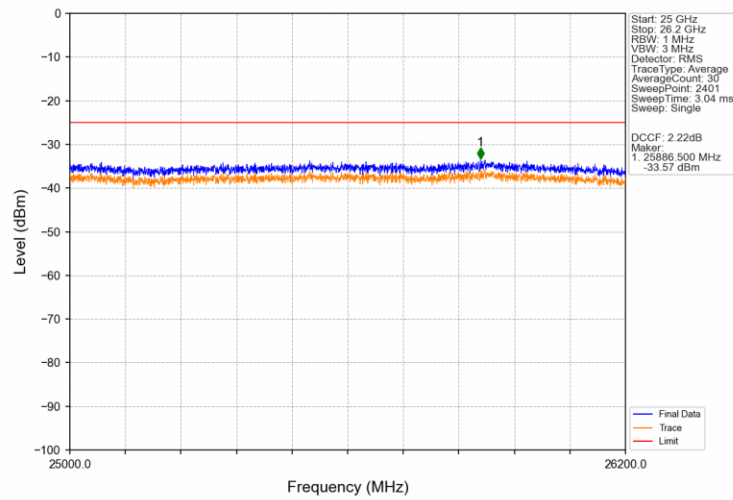
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



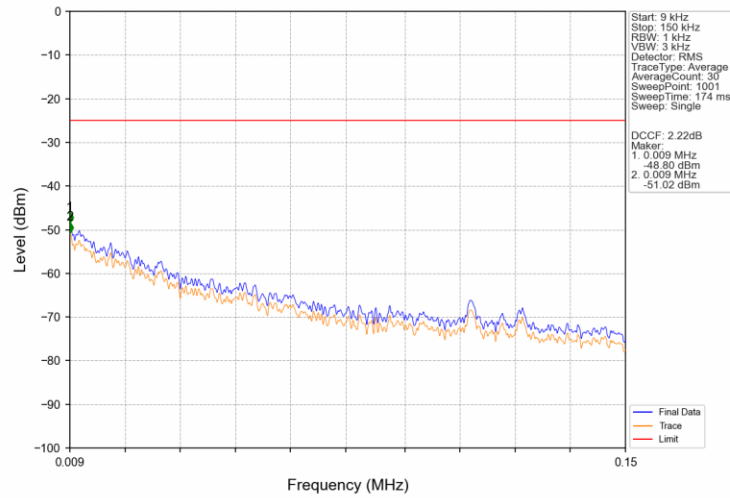
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



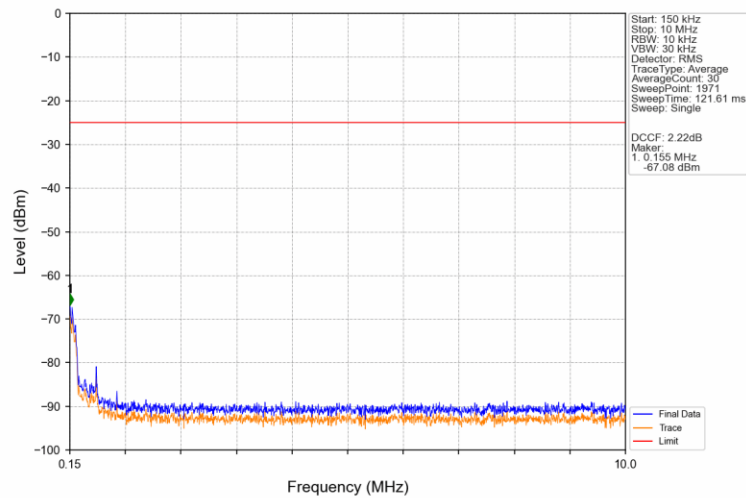
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



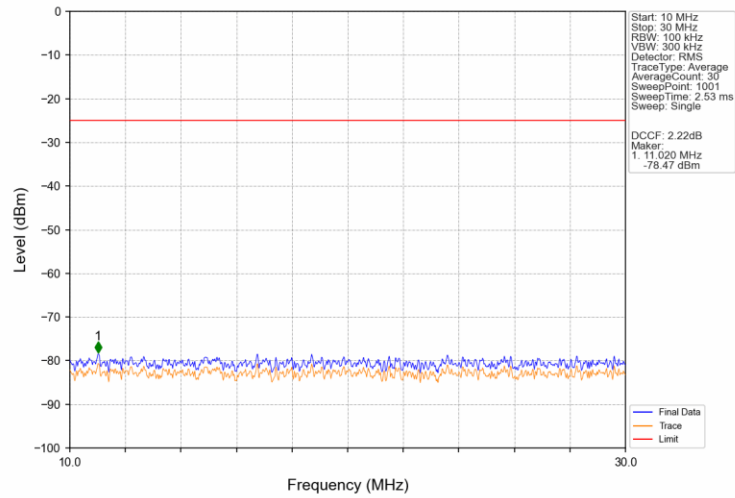
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



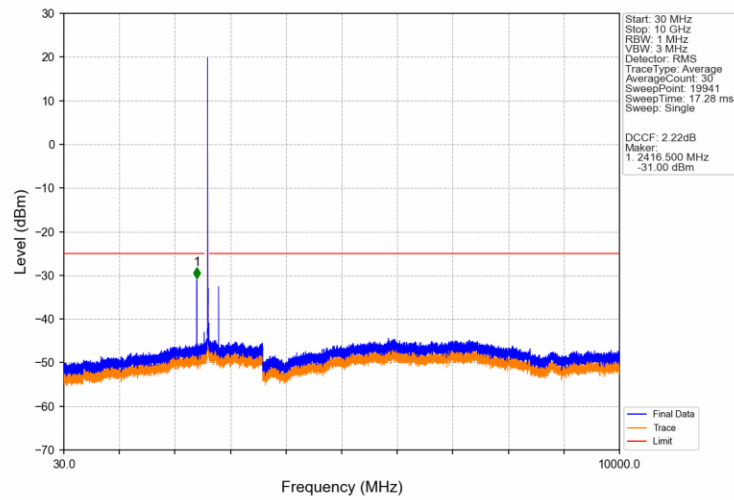
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



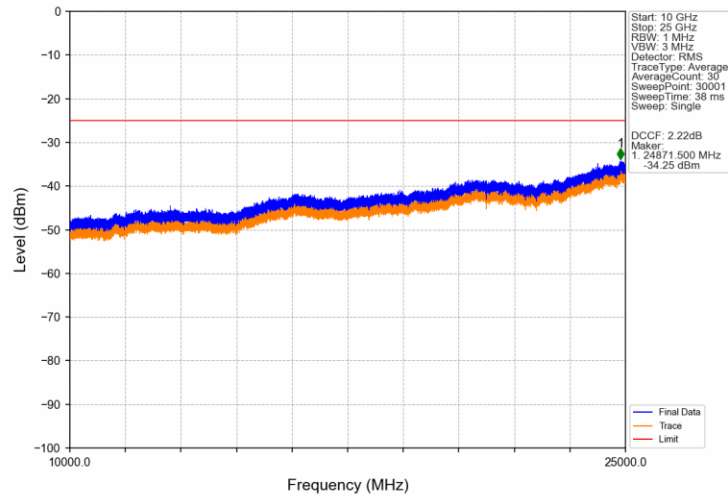
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



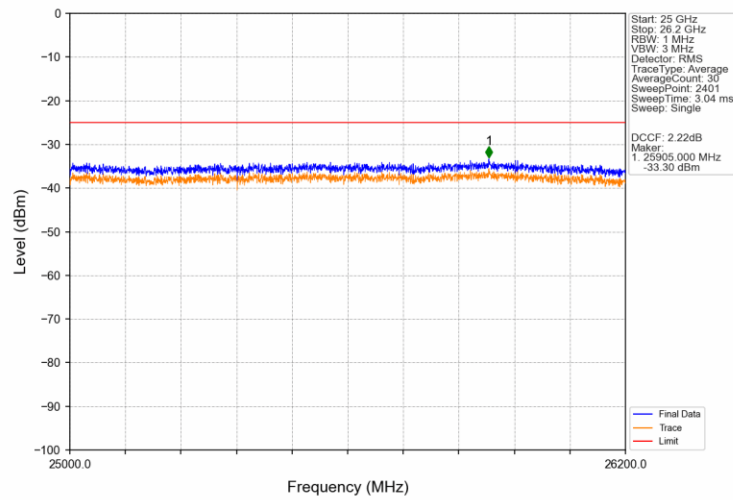
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



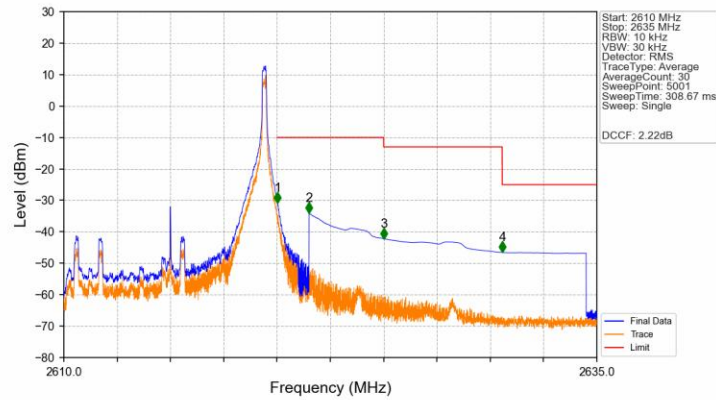
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

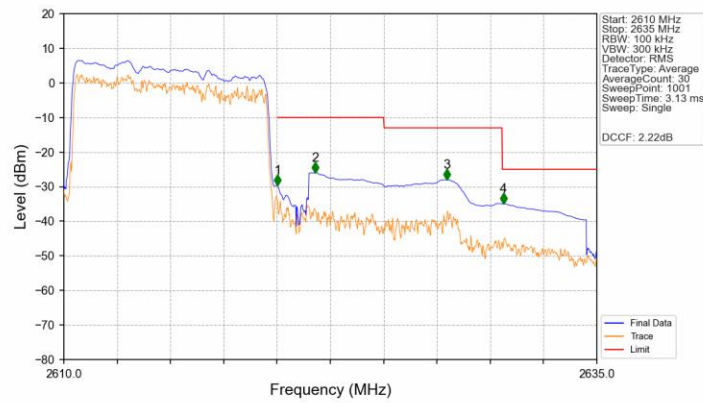


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



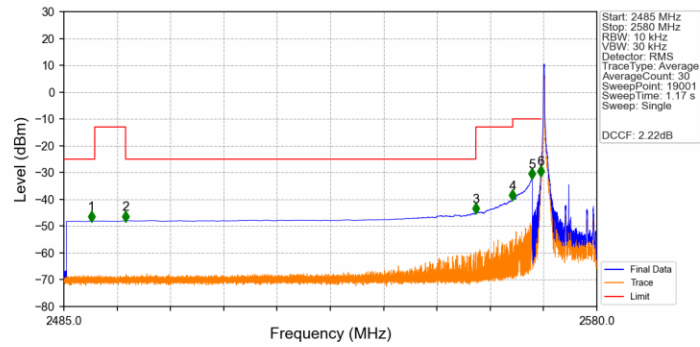
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.020	-30.81	-10	Pass
2621	2625	1	CHP	2	2621.505	-34.12	-10	Pass
2625	2630.56	1	CHP	3	2625.005	-42.20	-13	Pass
2630.56	2635	1	CHP	4	2630.580	-46.55	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



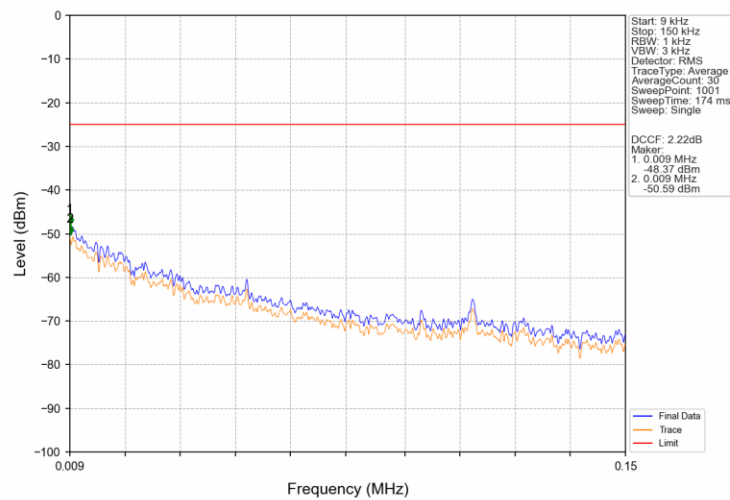
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.211	CHP	/	/	/	/	/
2620	2621	0.211	CHP	1	2620.025	-29.66	-10	Pass
2621	2625	1	CHP	2	2621.800	-25.97	-10	Pass
2625	2630.56	1	CHP	3	2627.975	-28.01	-13	Pass
2630.56	2635	1	CHP	4	2630.625	-34.94	-25	Pass

Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

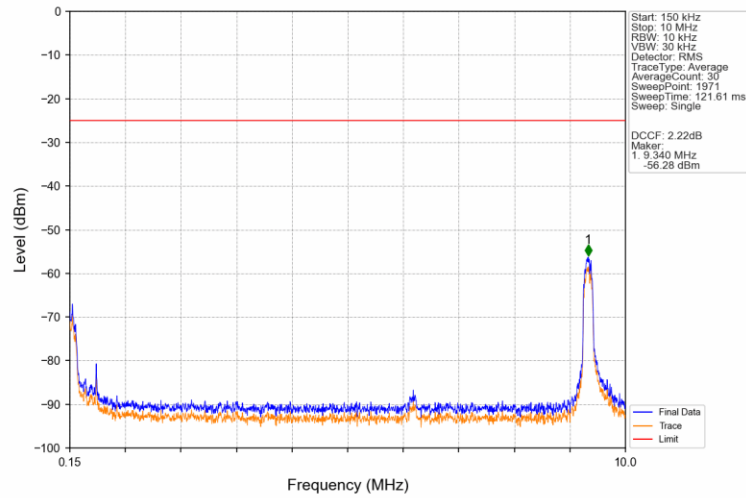


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.925	-48.08	-25	Pass
2490.5	2496	1	CHP	2	2495.995	-48.03	-13	Pass
2496	2558.426	1	CHP	3	2558.425	-45.09	-25	Pass
2558.426	2565	1	CHP	4	2564.980	-40.15	-13	Pass
2565	2569	1	CHP	5	2568.470	-32.22	-10	Pass
2569	2570	0.02	CHP	6	2569.985	-31.12	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

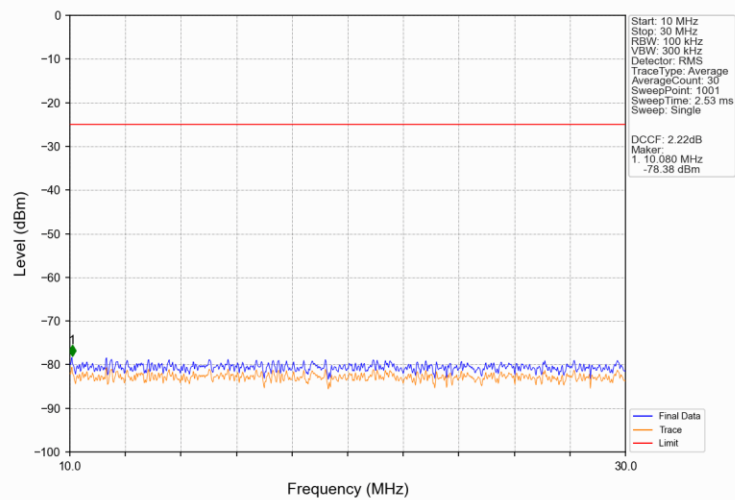
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



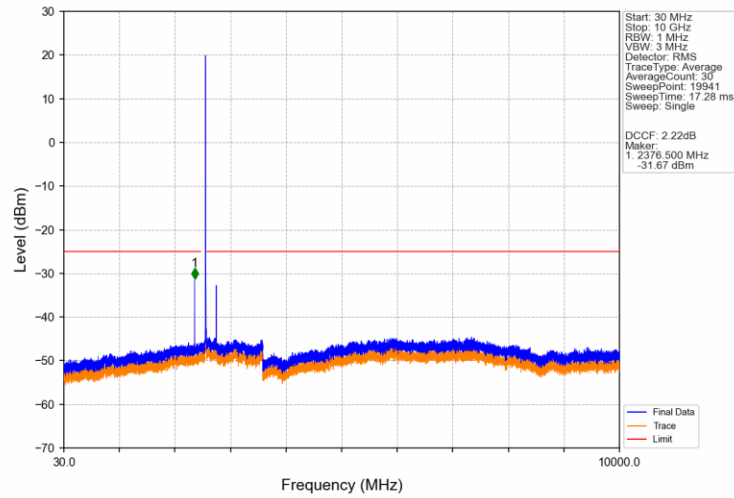
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



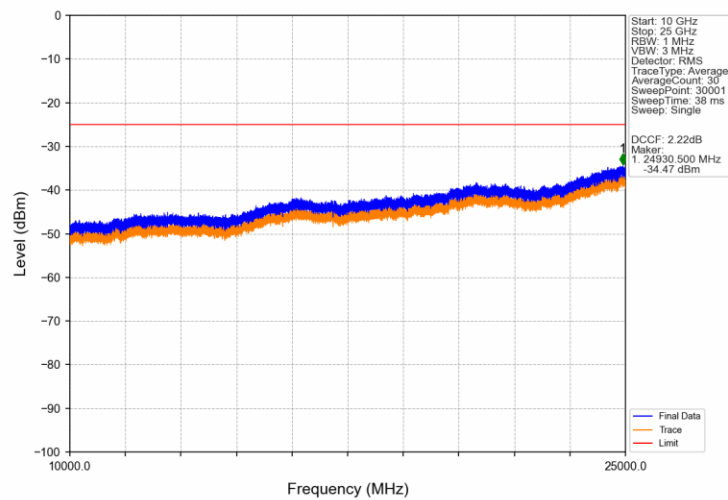
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



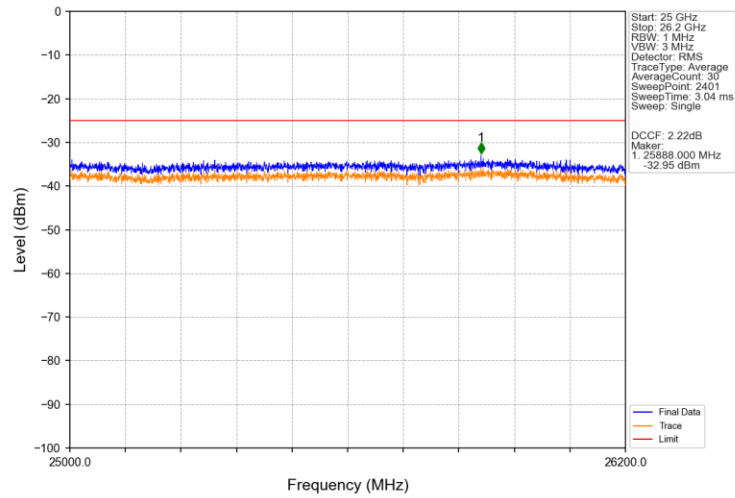
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



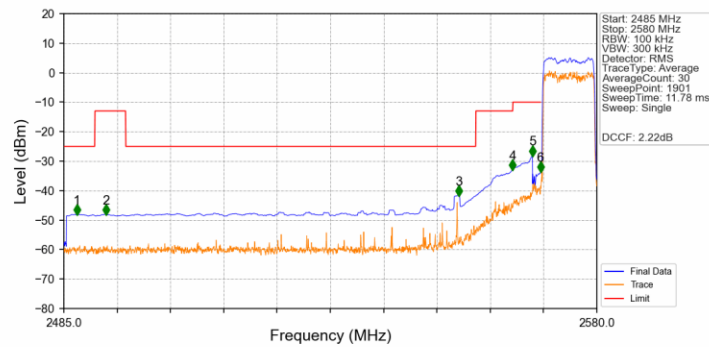
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



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	2490.5	1	CHP	1	2487.350	-48.09	-25	Pass
2490.5	2496	1	CHP	2	2492.550	-48.00	-13	Pass
2496	2558.426	1	CHP	3	2555.400	-41.62	-25	Pass
2558.426	2565	1	CHP	4	2565.000	-32.94	-13	Pass
2565	2569	1	CHP	5	2568.500	-28.10	-10	Pass
2569	2570	0.231	CHP	6	2569.950	-33.52	-10	Pass
2570	2580	0.231	CHP	/	/	/	/	/