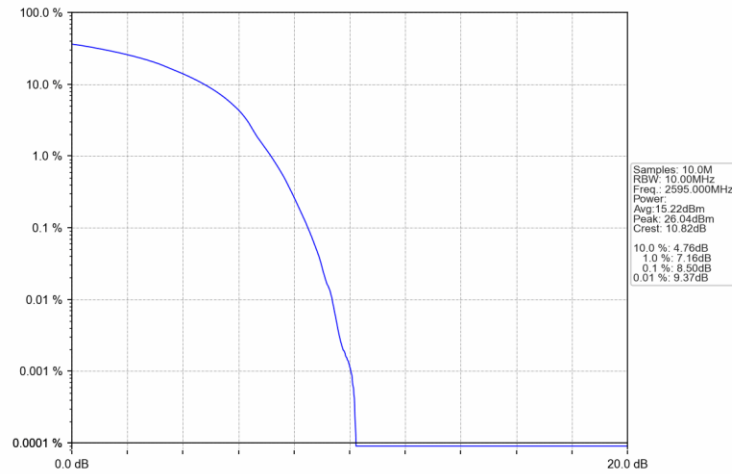
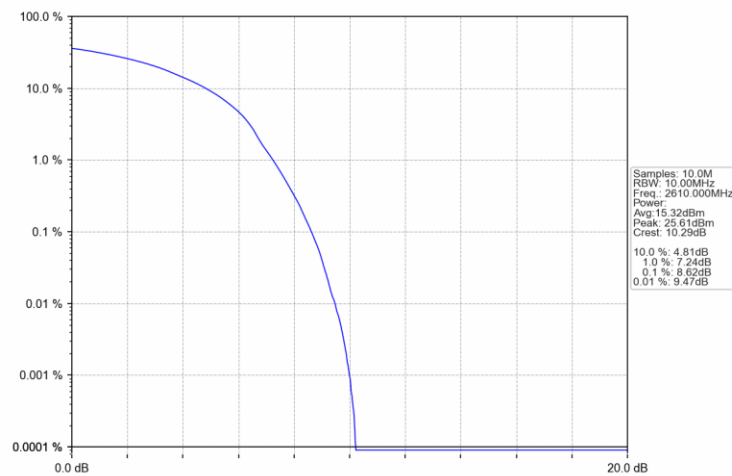


Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



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	
		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
		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
		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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

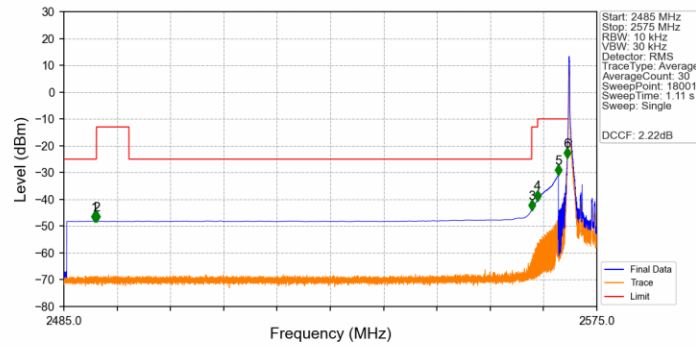
6.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
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

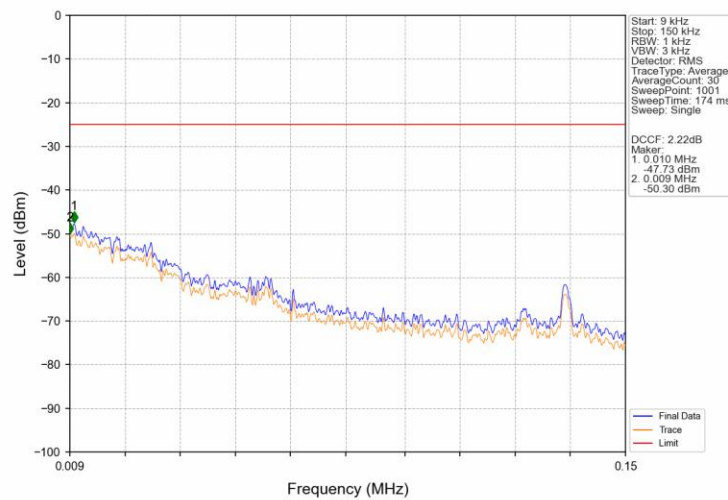
6.2 Test Graph

6.2.1 B38_5MHz

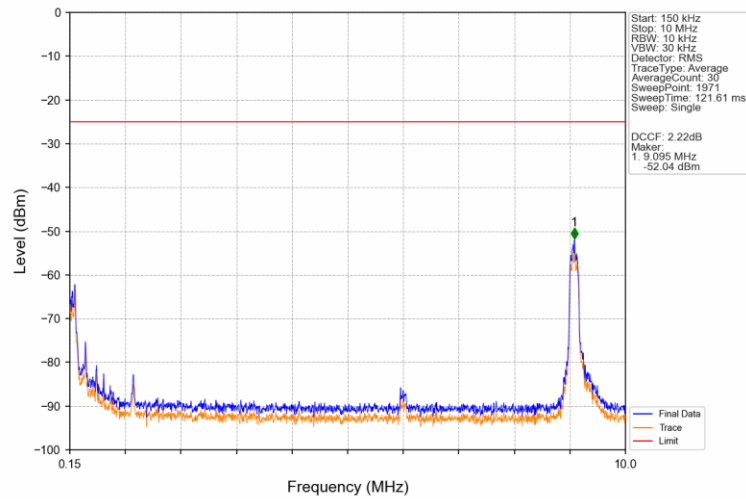
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTV



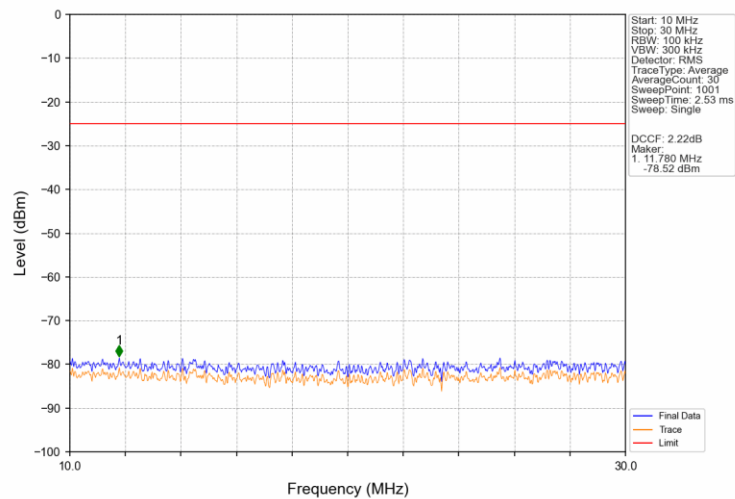
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTV



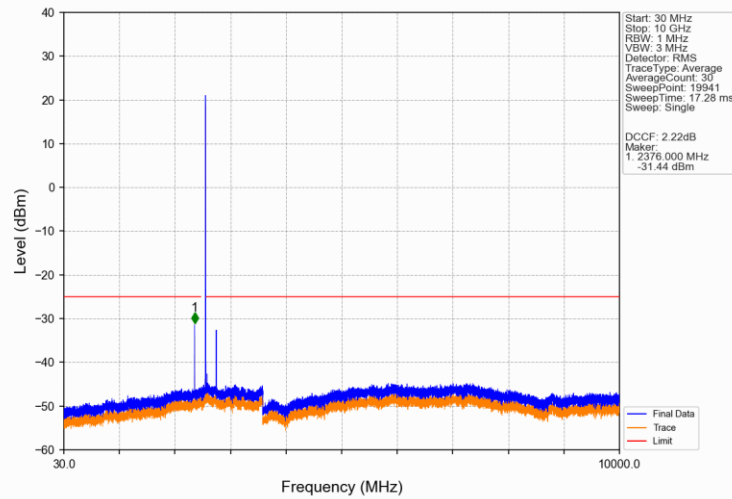
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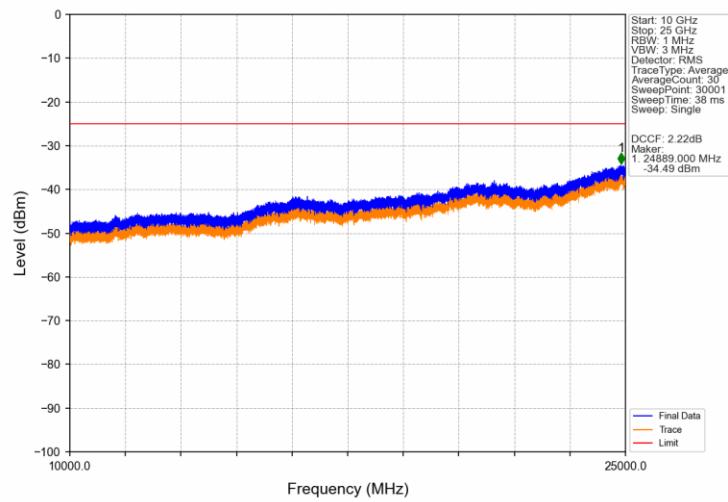
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



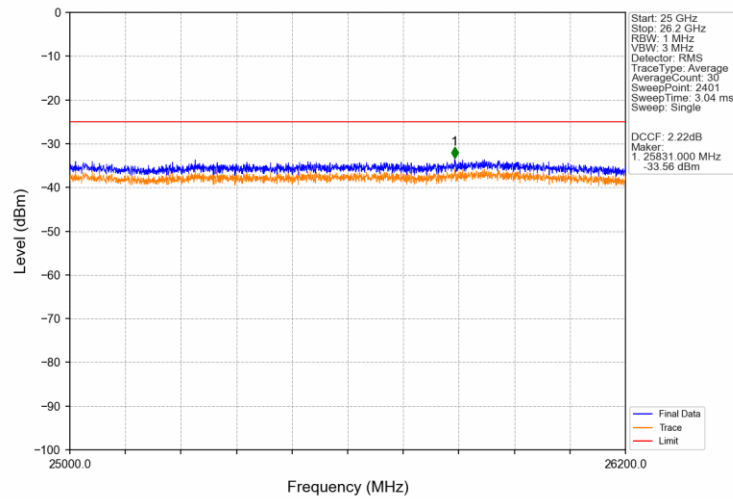
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTV



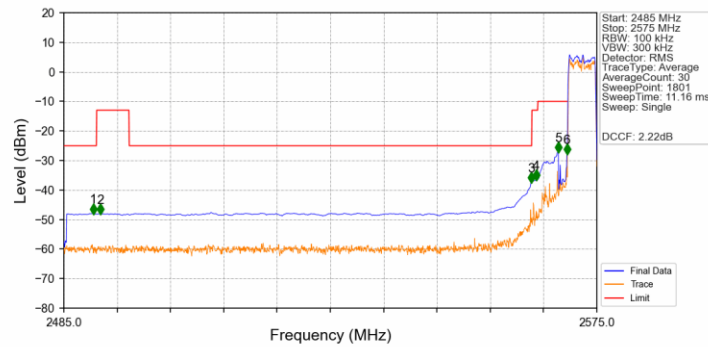
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTV



Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTV

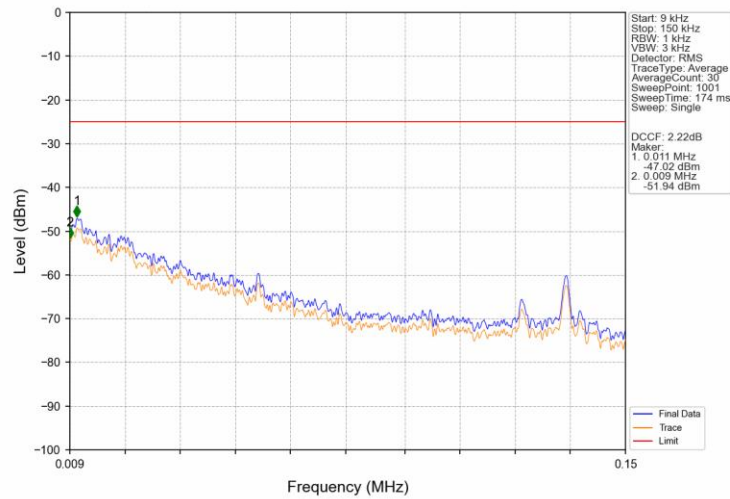


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTV

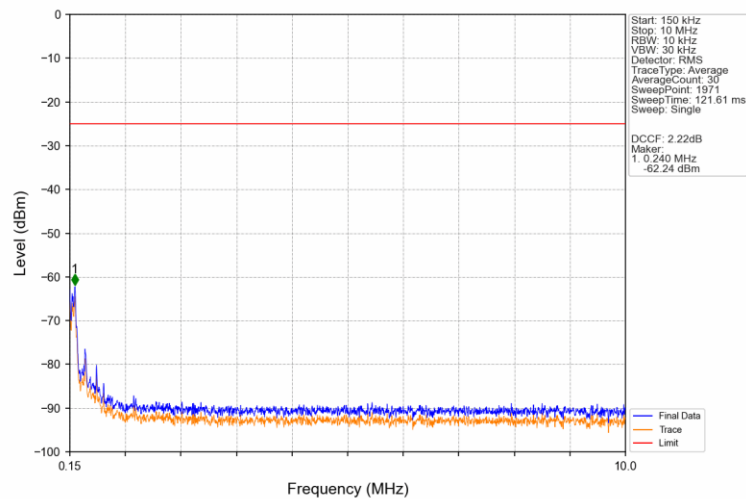


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.950	-47.93	-25	Pass
2490.5	2496	1	CHP	2	2491.200	-48.01	-13	Pass
2496	2564	1	CHP	3	2563.950	-37.43	-25	Pass
2564	2565	1	CHP	4	2564.750	-36.49	-13	Pass
2565	2569	1	CHP	5	2568.500	-27.06	-10	Pass
2569	2570	0.109	CHP	6	2569.950	-27.73	-10	Pass
2570	2575	0.109	CHP	/	/	/	/	/

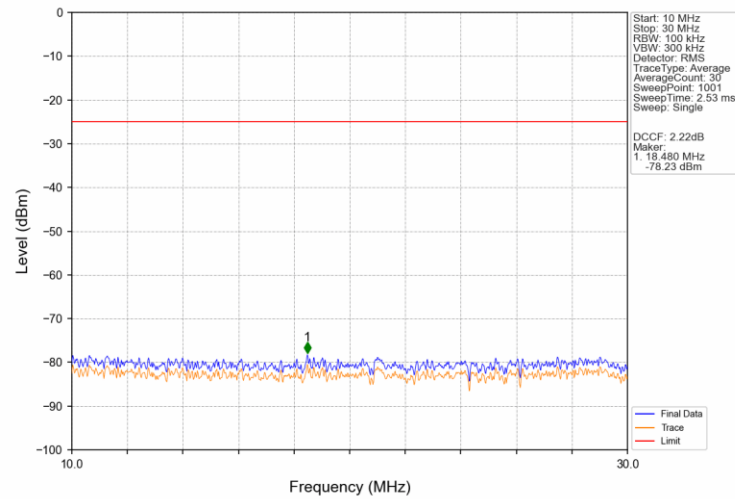
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



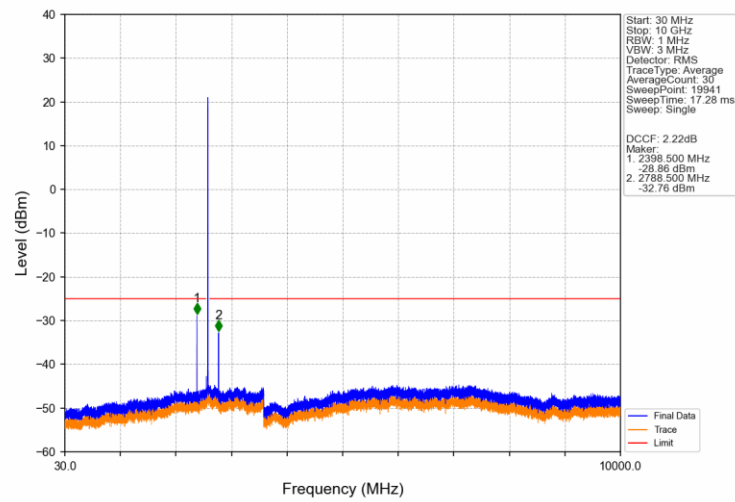
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



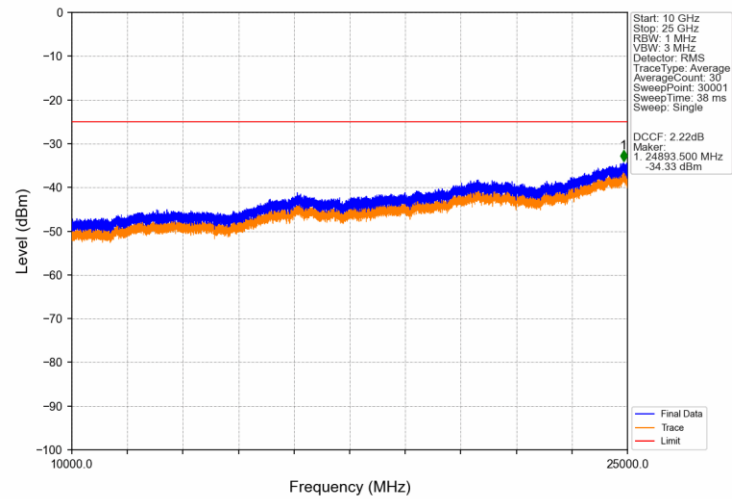
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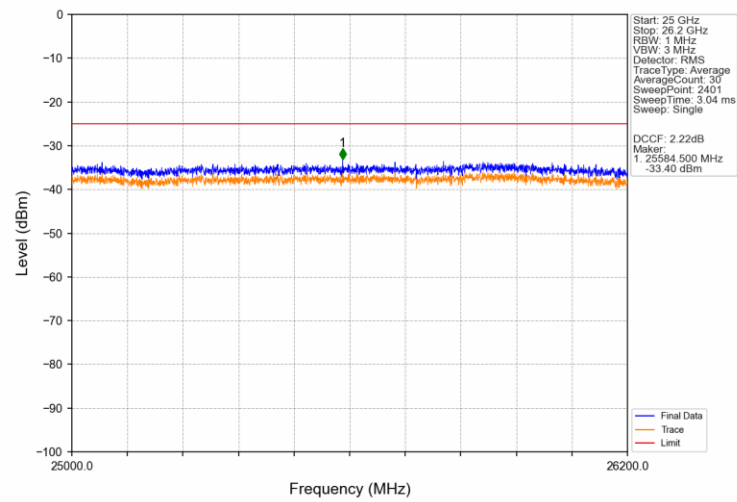
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



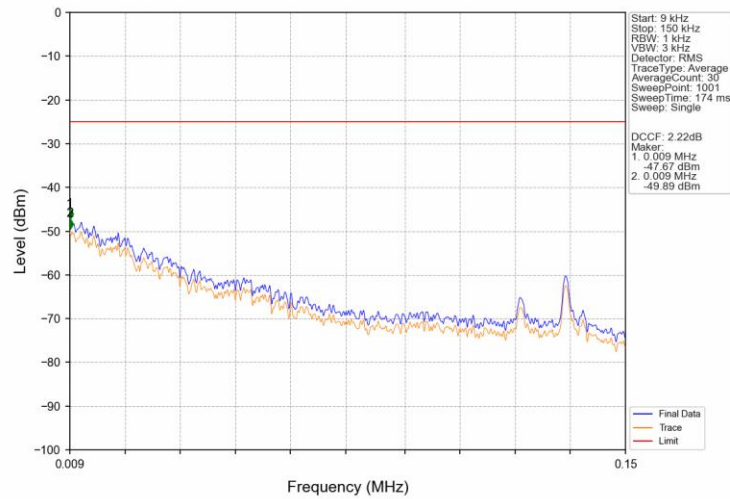
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



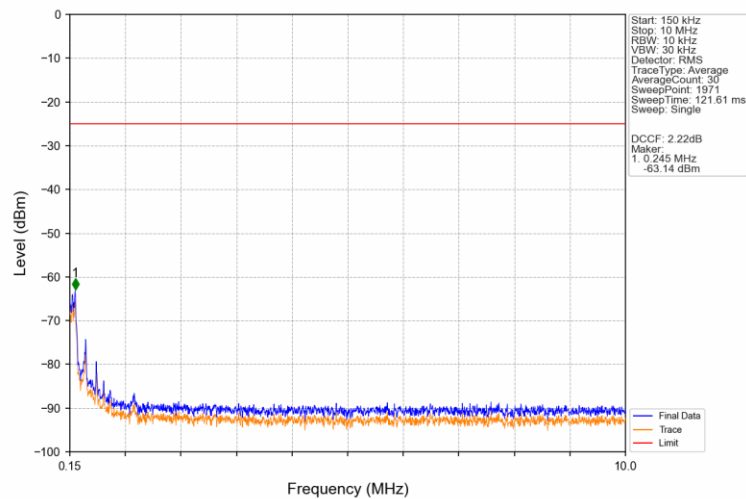
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



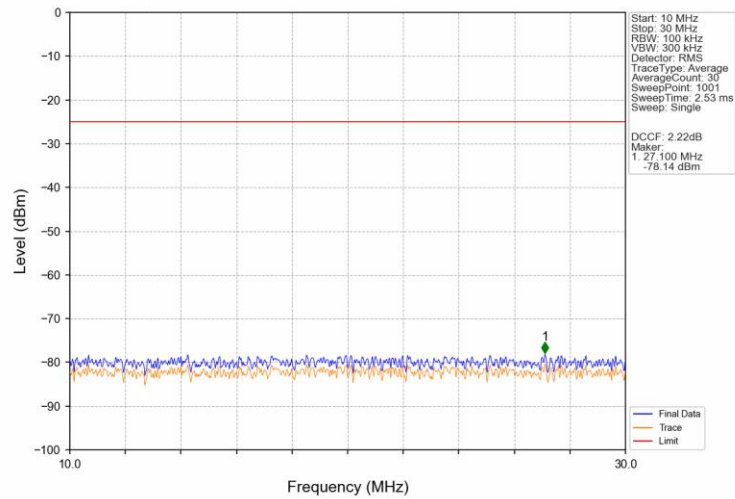
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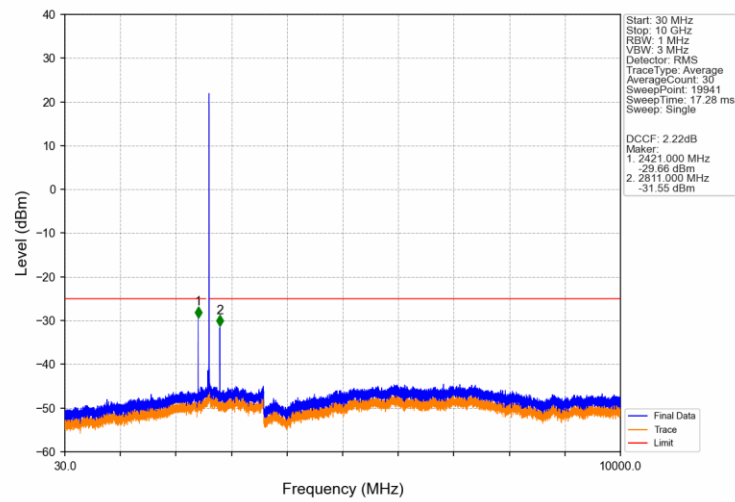
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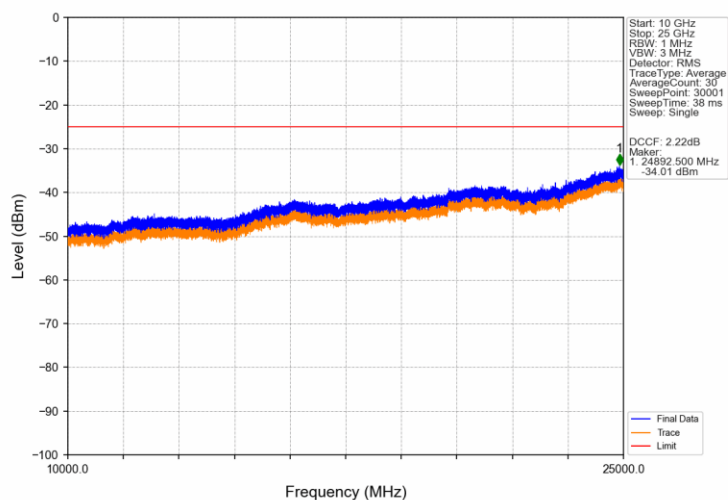
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV



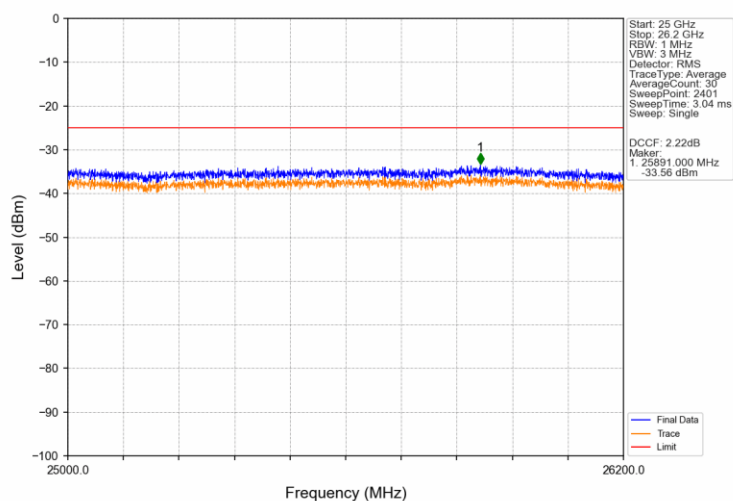
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV



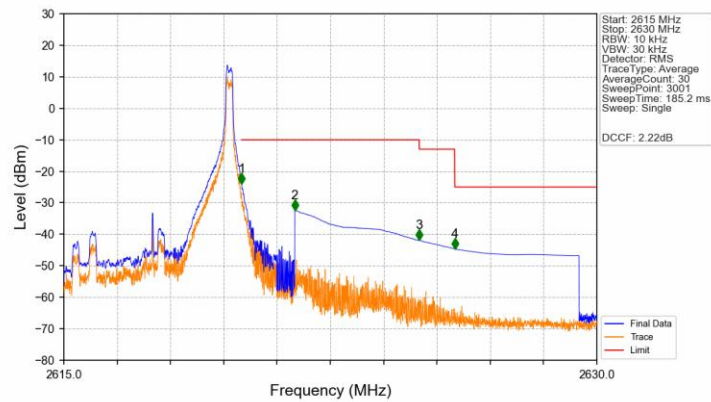
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV



Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

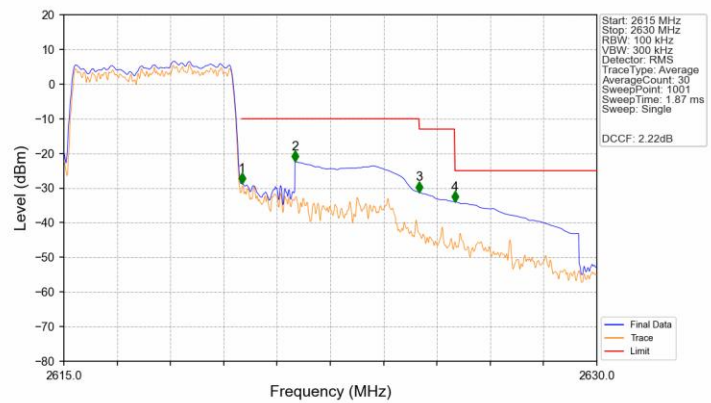


Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTNV



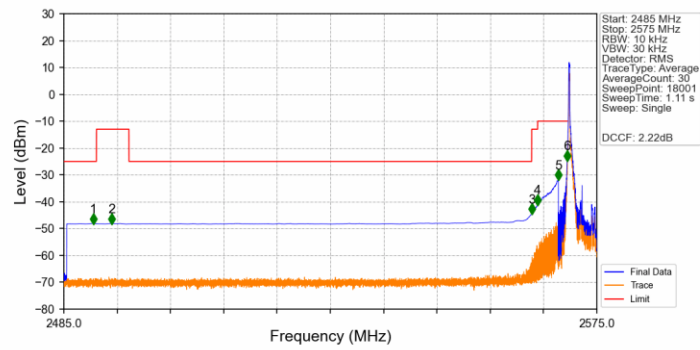
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-24.10	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.38	-10	Pass
2625	2626	1	CHP	3	2625.005	-41.96	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.60	-25	Pass

Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



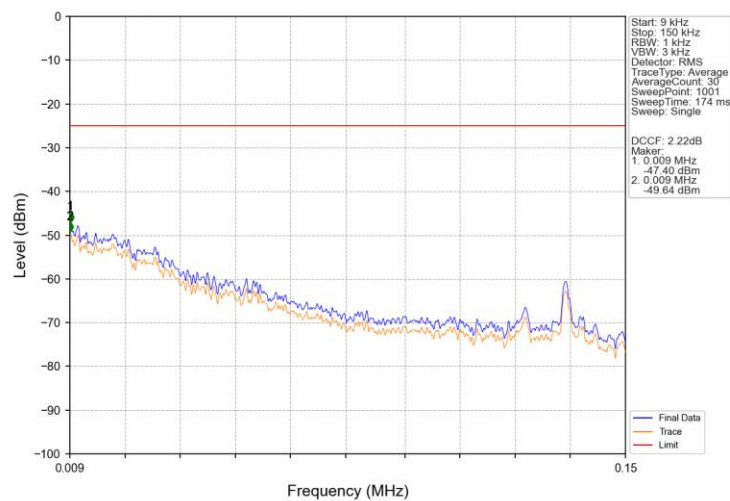
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.104	CHP	/	/	/	/	/
2620	2621	0.104	CHP	1	2620.010	-28.82	-10	Pass
2621	2625	1	CHP	2	2621.510	-22.43	-10	Pass
2625	2626	1	CHP	3	2625.005	-31.22	-13	Pass
2626	2630	1	CHP	4	2626.010	-33.99	-25	Pass

Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

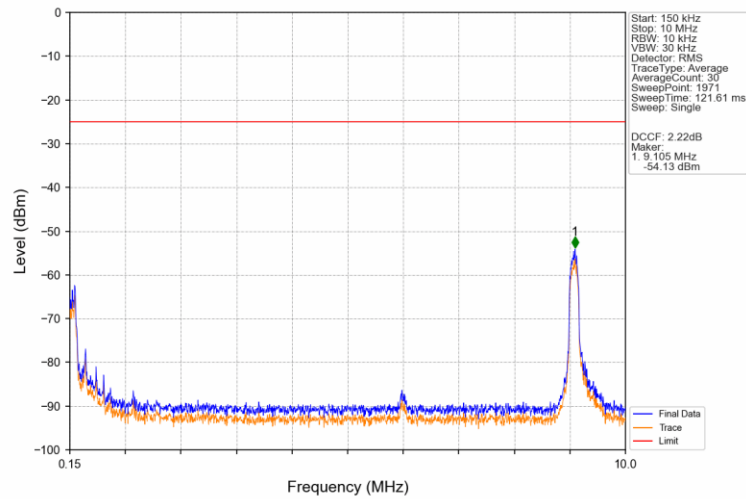


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.000	-48.04	-25	Pass
2490.5	2496	1	CHP	2	2493.065	-48.07	-13	Pass
2496	2564	1	CHP	3	2564.000	-44.42	-25	Pass
2564	2565	1	CHP	4	2564.990	-41.01	-13	Pass
2565	2569	1	CHP	5	2568.475	-31.77	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-24.55	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

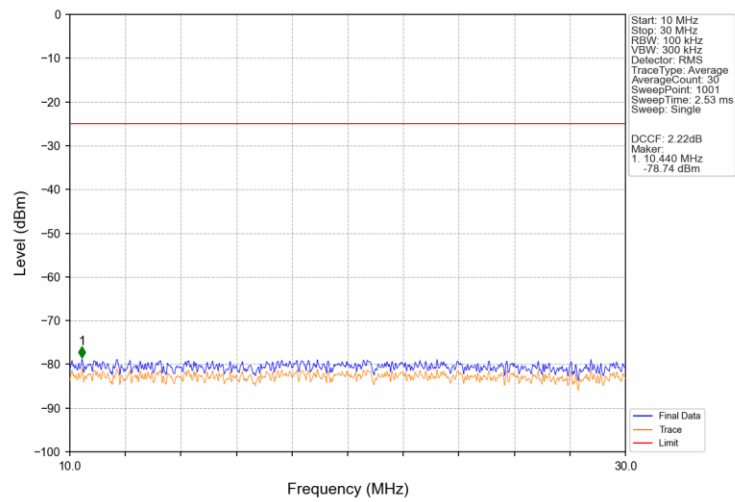
Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV



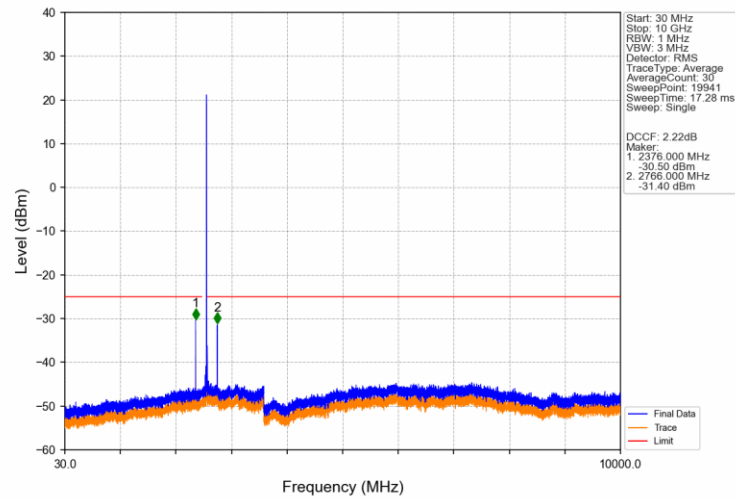
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



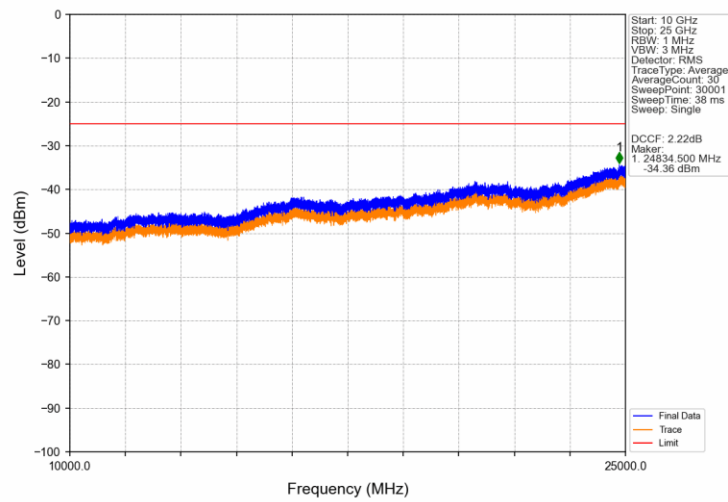
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



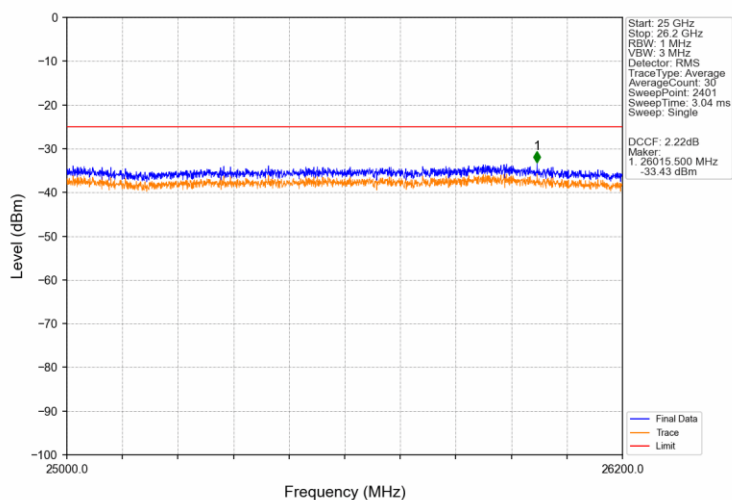
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



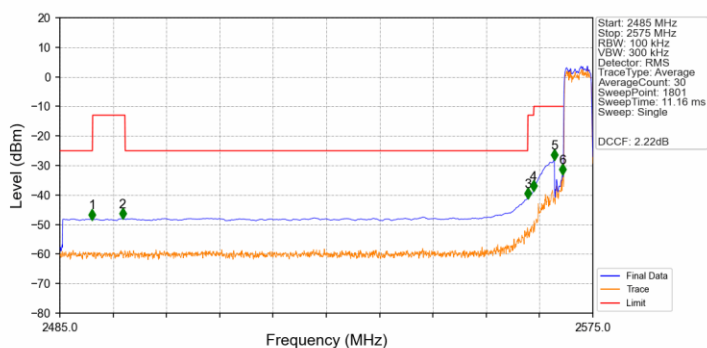
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

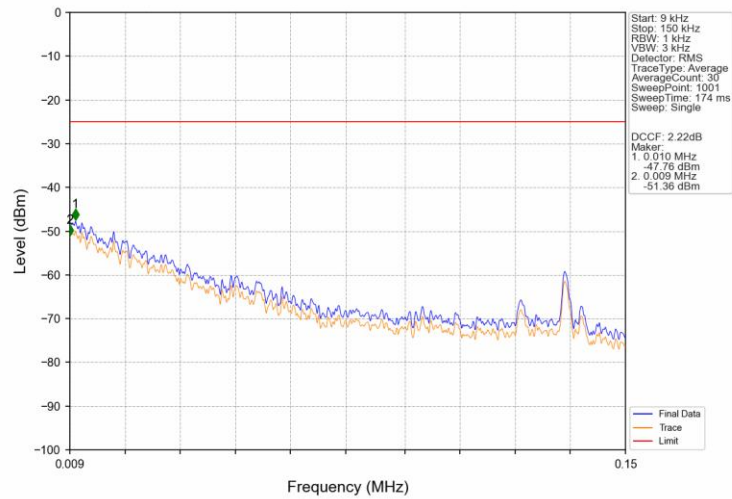


Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV

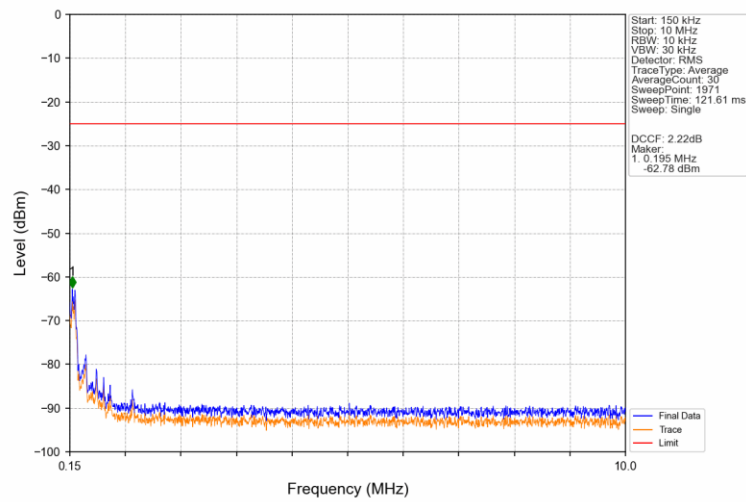


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.450	-48.14	-25	Pass
2490.5	2496	1	CHP	2	2495.600	-47.88	-13	Pass
2496	2564	1	CHP	3	2564.000	-41.07	-25	Pass
2564	2565	1	CHP	4	2565.000	-38.48	-13	Pass
2565	2569	1	CHP	5	2568.500	-27.91	-10	Pass
2569	2570	0.104	CHP	6	2569.900	-32.95	-10	Pass
2570	2575	0.104	CHP	/	/	/	/	/

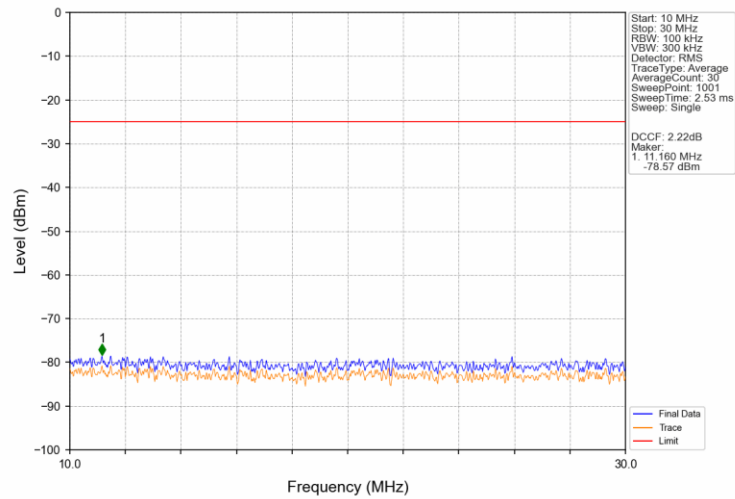
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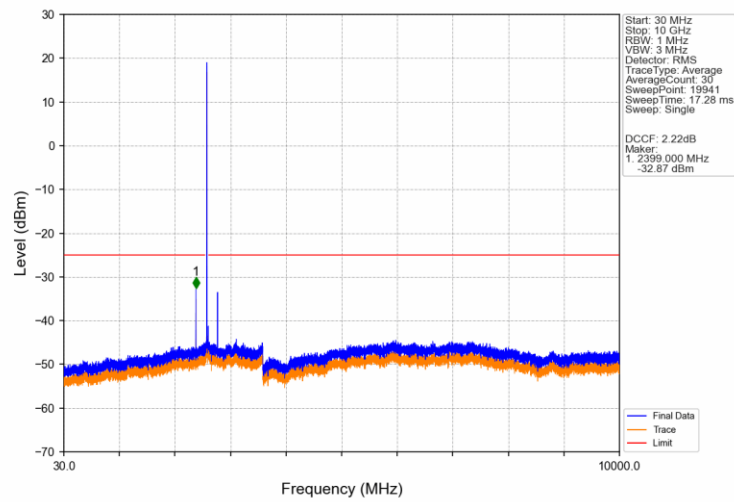
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



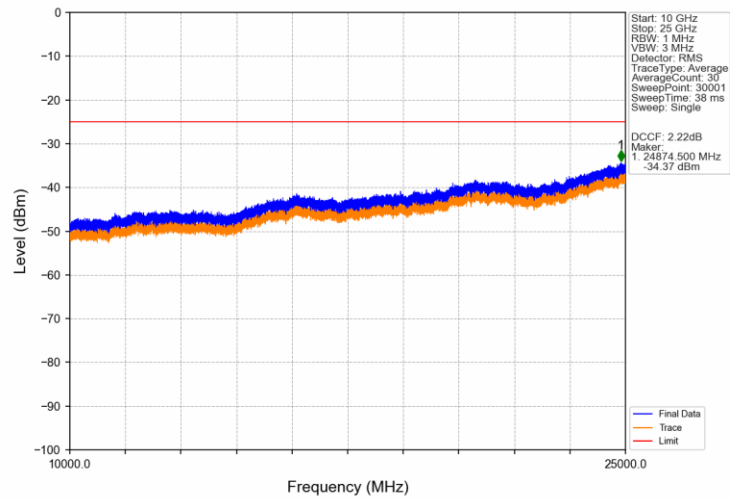
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



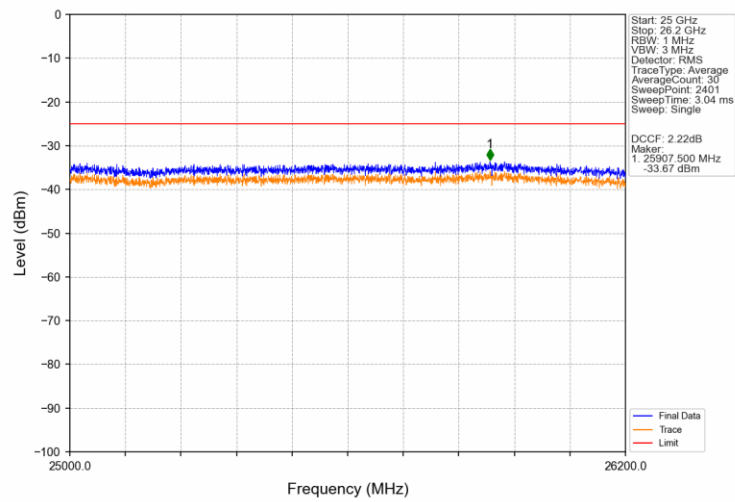
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



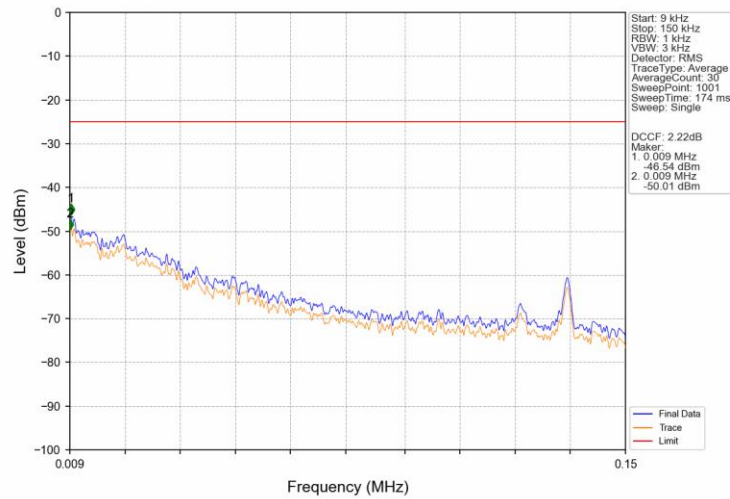
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



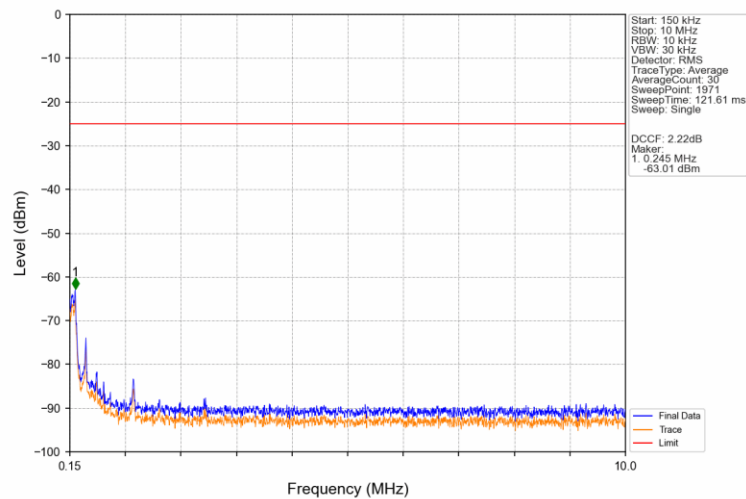
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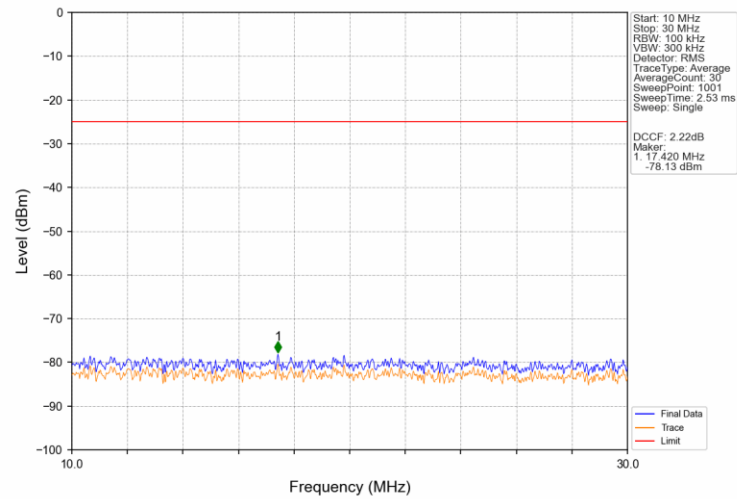
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



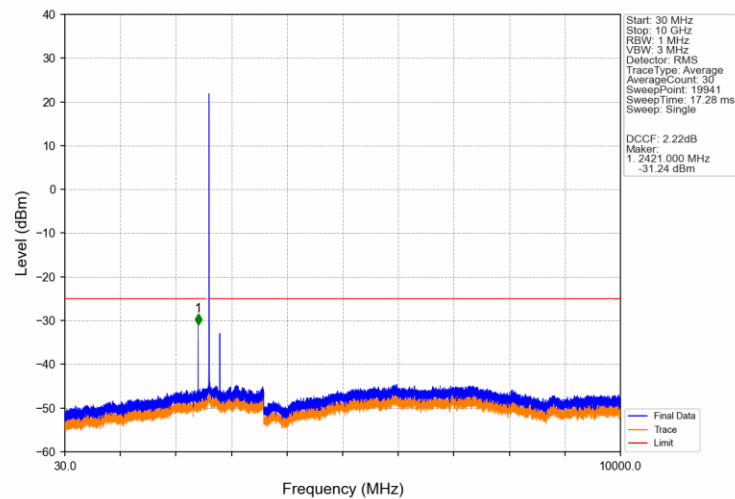
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



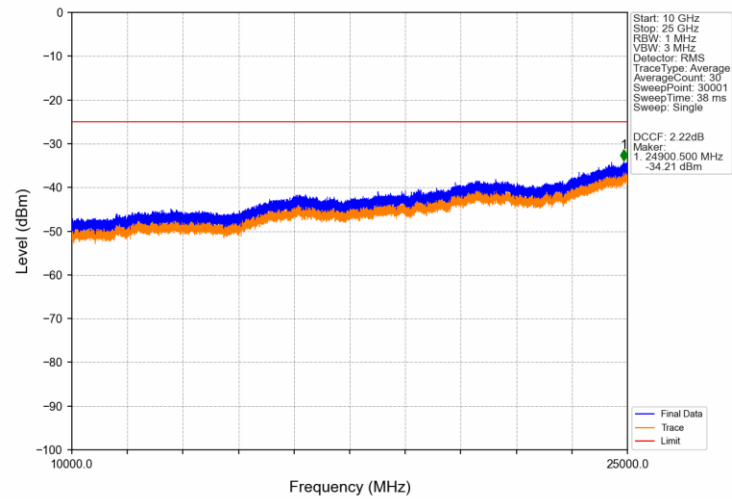
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



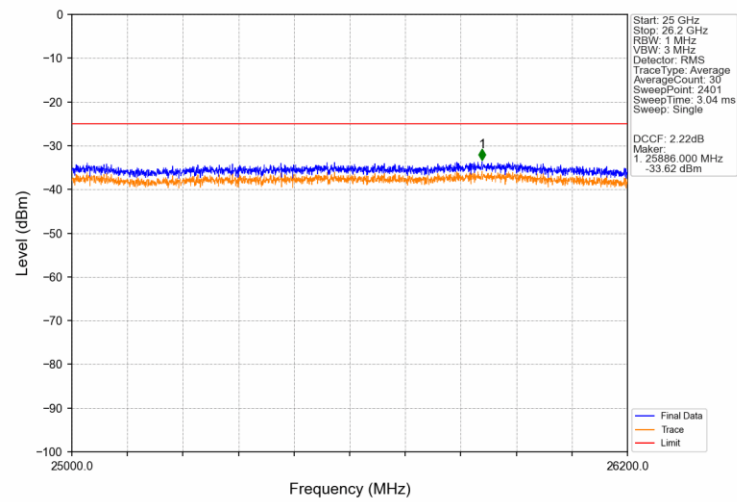
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



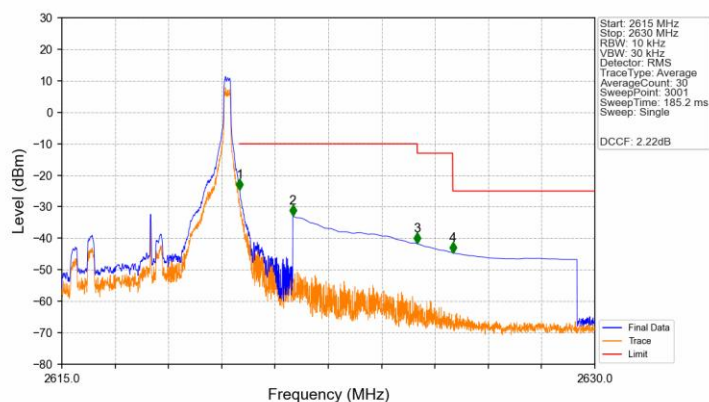
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV

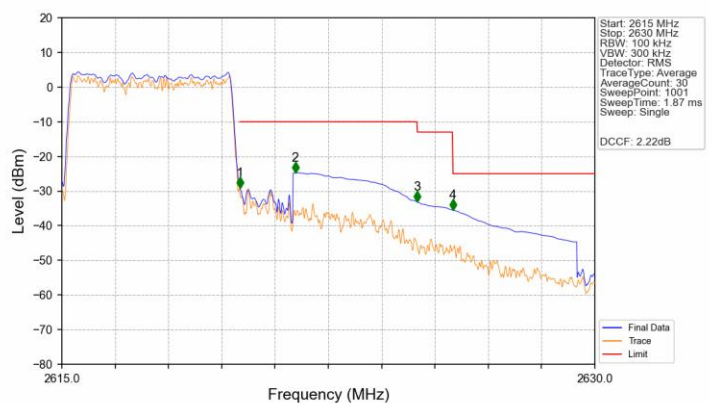


Band38 5MHz 16QAM HCH 2617.5MHz RB 1 24 NTNV



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	-24.67	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.92	-10	Pass
2625	2626	1	CHP	3	2625.005	-41.70	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.62	-25	Pass

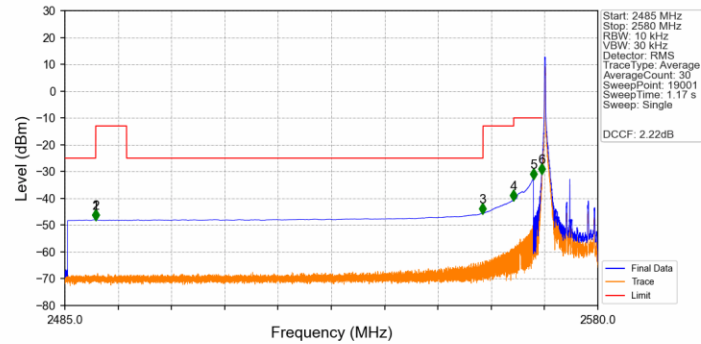
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.104	CHP	/	/	/	/	/
2620	2621	0.104	CHP	1	2620.010	-29.14	-10	Pass
2621	2625	1	CHP	2	2621.570	-24.67	-10	Pass
2625	2626	1	CHP	3	2625.005	-33.20	-13	Pass
2626	2630	1	CHP	4	2626.010	-35.52	-25	Pass

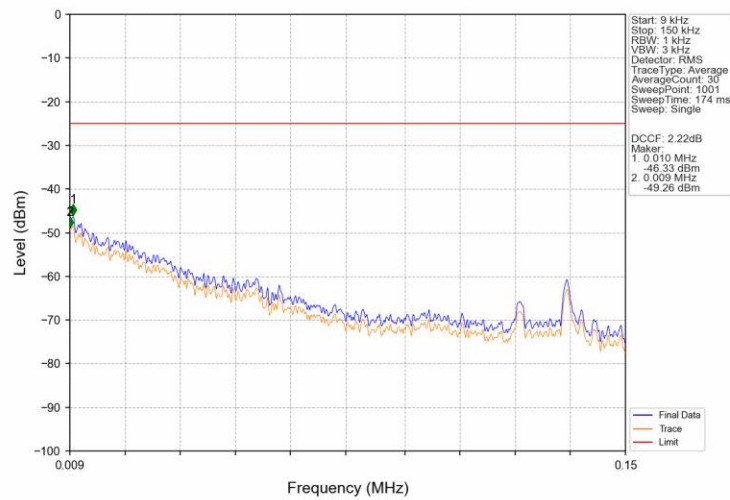
6.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

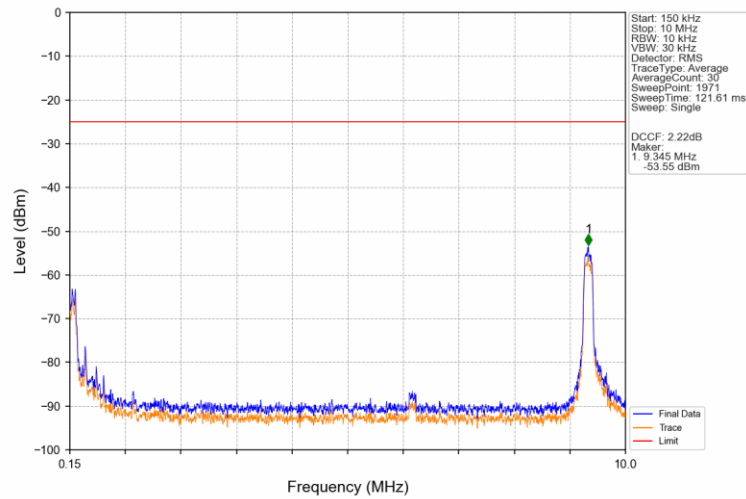


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.470	-48.00	-25	Pass
2490.5	2496	1	CHP	2	2490.505	-48.00	-13	Pass
2496	2559.534	1	CHP	3	2559.485	-45.53	-25	Pass
2559.534	2565	1	CHP	4	2565.000	-40.61	-13	Pass
2565	2569	1	CHP	5	2568.500	-32.67	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-30.74	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

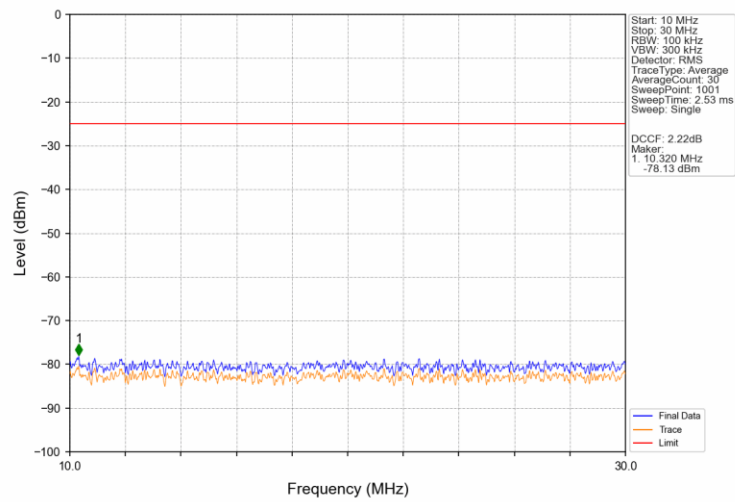
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



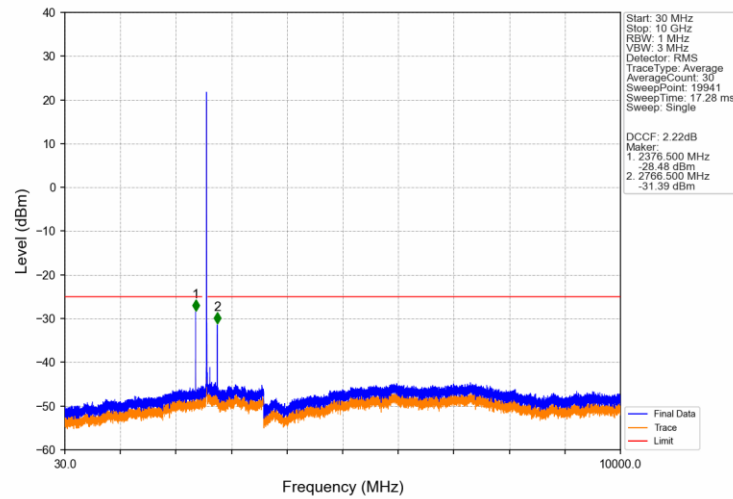
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



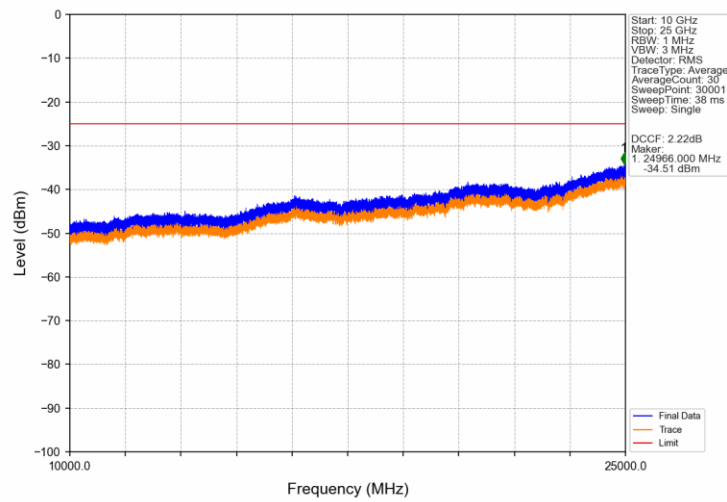
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



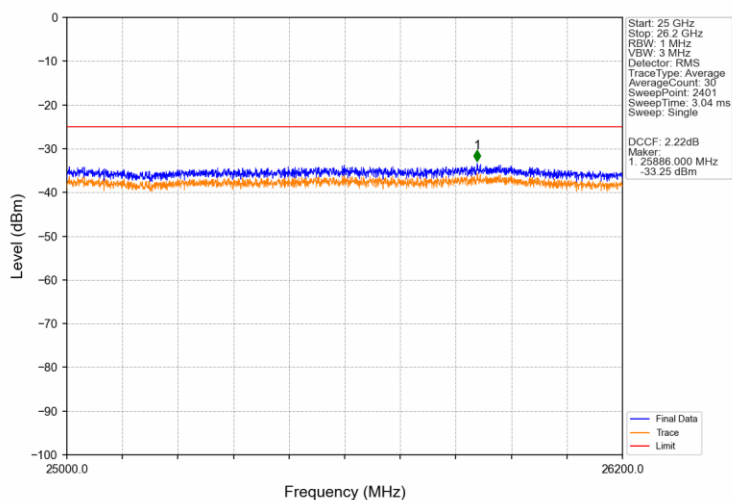
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



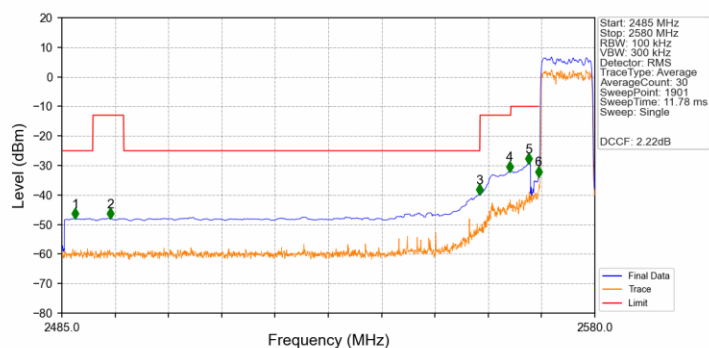
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV

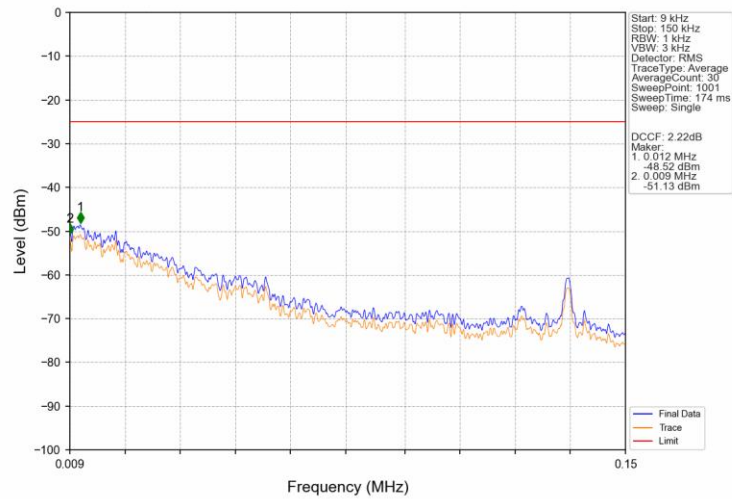


Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV

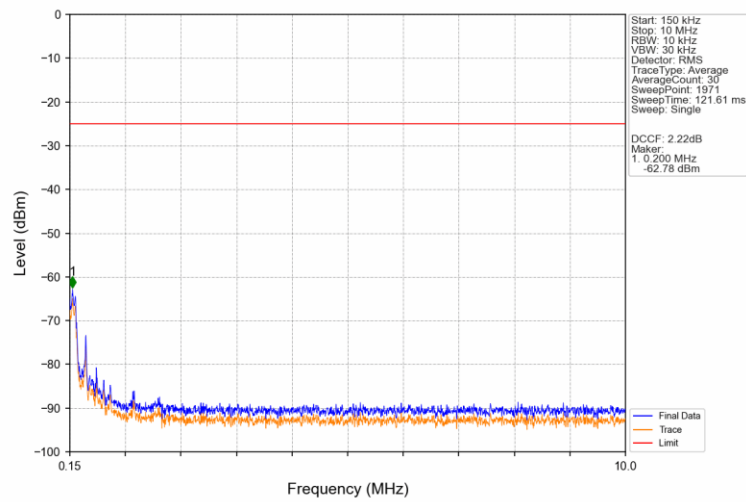


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.400	-47.90	-25	Pass
2490.5	2496	1	CHP	2	2493.650	-47.83	-13	Pass
2496	2559.534	1	CHP	3	2559.450	-39.77	-25	Pass
2559.534	2565	1	CHP	4	2564.800	-31.92	-13	Pass
2565	2569	1	CHP	5	2568.200	-29.19	-10	Pass
2569	2570	0.209	CHP	6	2569.950	-33.63	-10	Pass
2570	2580		CHP	/	/	/	/	/

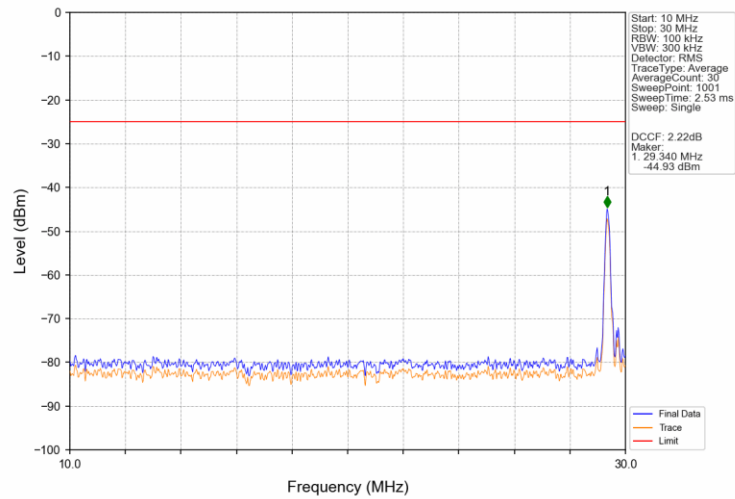
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTV



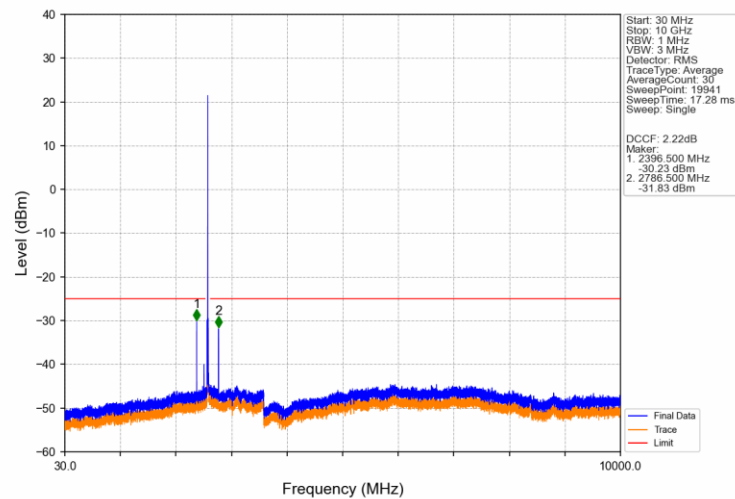
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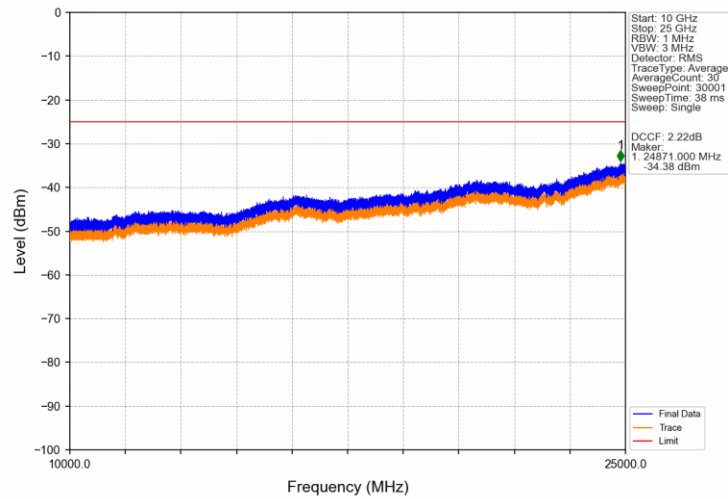
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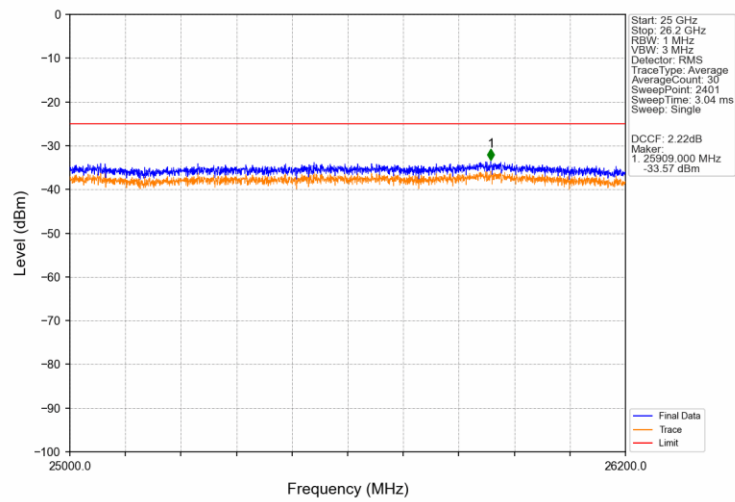
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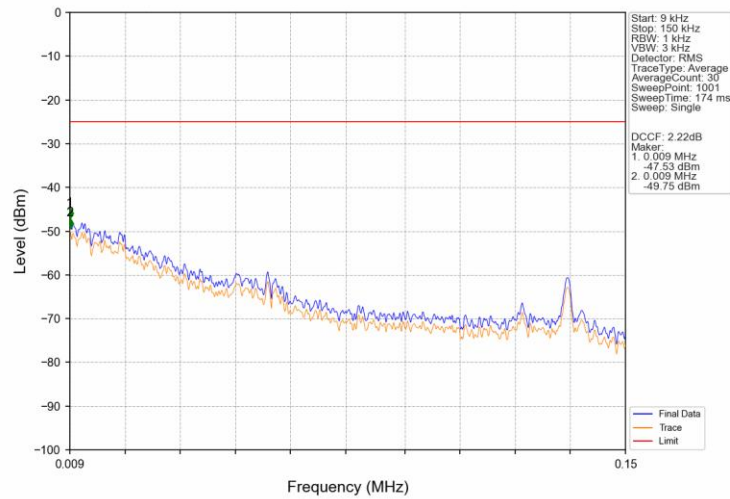
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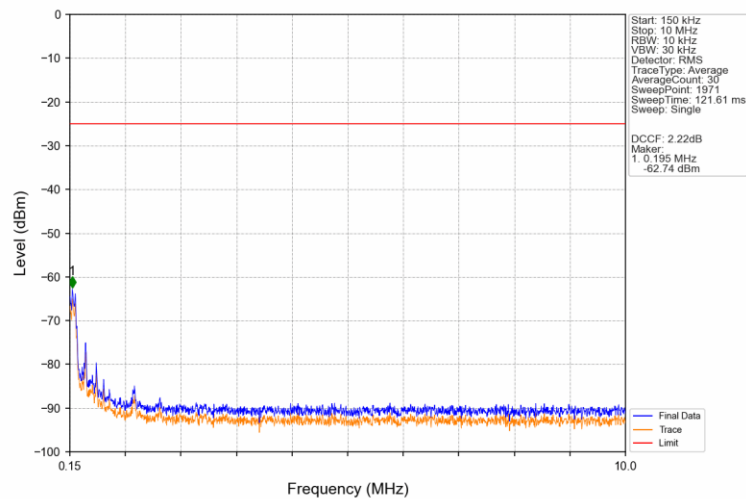
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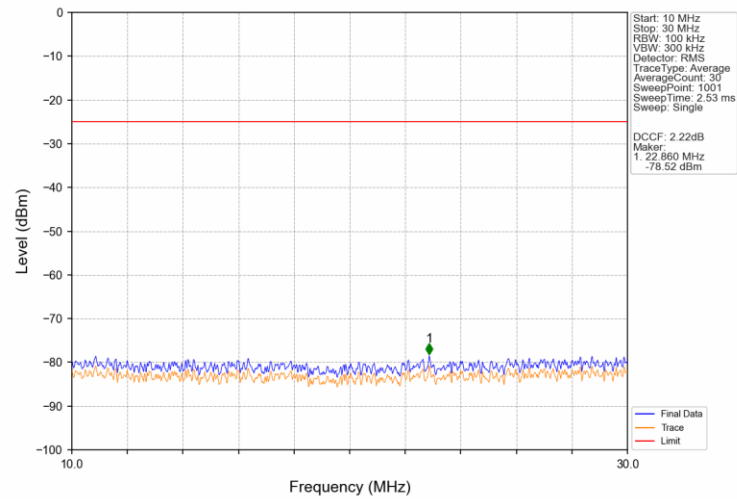
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



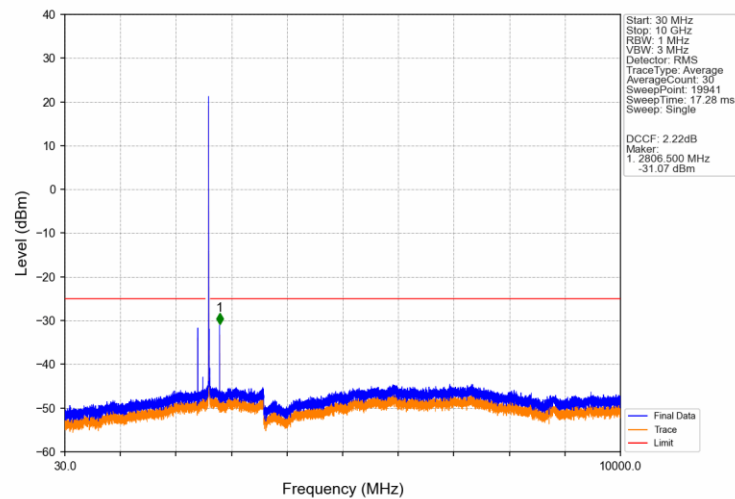
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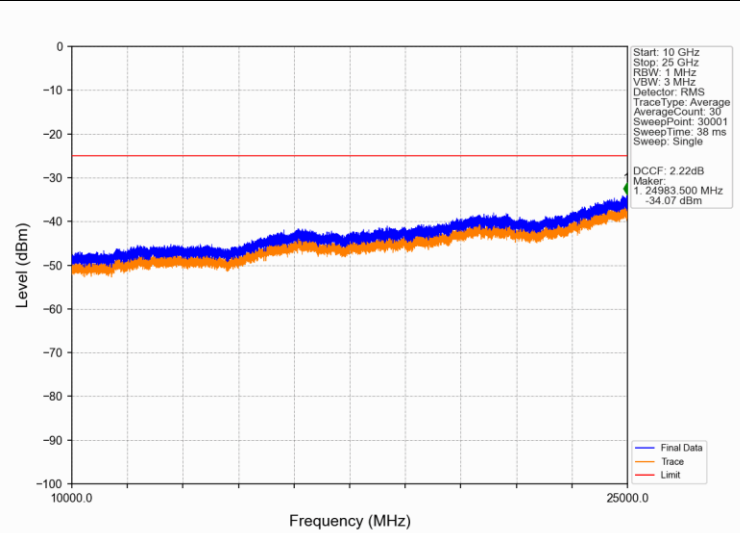
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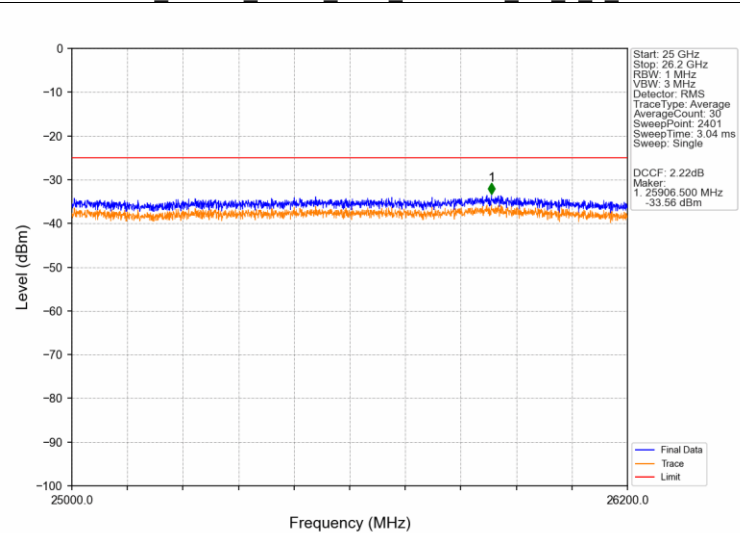
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTV



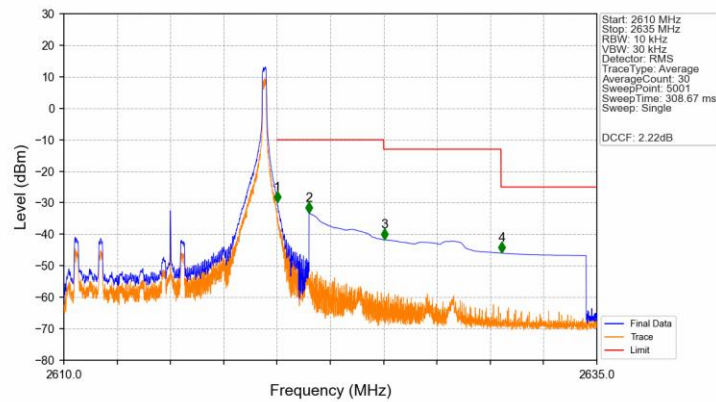
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV

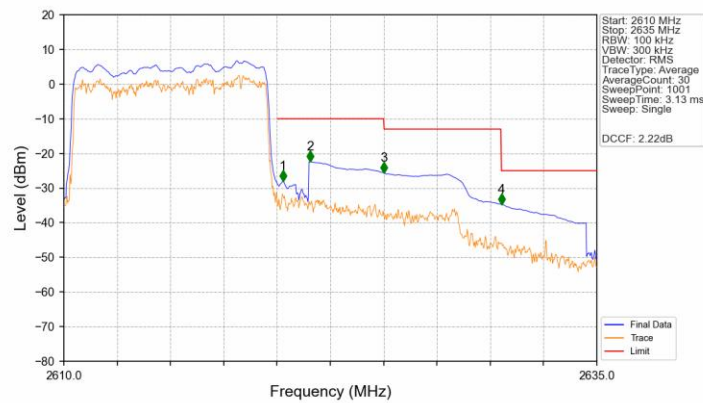


Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTNV



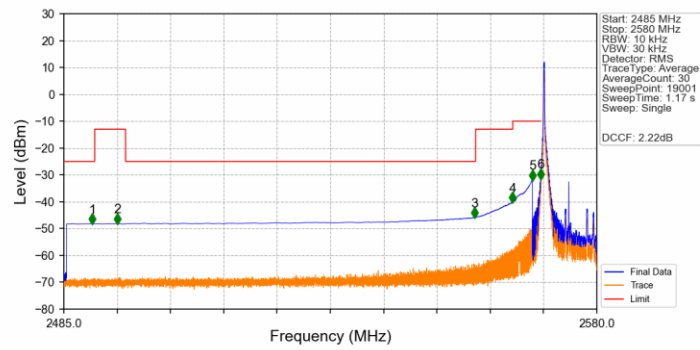
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-29.88	-10	Pass
2621	2625	1	CHP	2	2621.500	-33.34	-10	Pass
2625	2630.507	1	CHP	3	2625.035	-41.72	-13	Pass
2630.507	2635	1	CHP	4	2630.545	-45.94	-25	Pass

Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



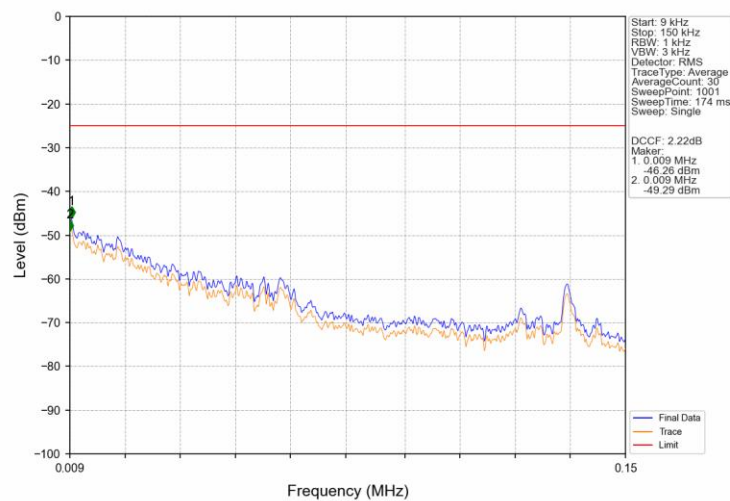
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.21	CHP	/	/	/	/	/
2620	2621	0.21	CHP	1	2620.275	-28.11	-10	Pass
2621	2625	1	CHP	2	2621.550	-22.42	-10	Pass
2625	2630.507	1	CHP	3	2625.025	-25.65	-13	Pass
2630.507	2635	1	CHP	4	2630.525	-34.73	-25	Pass

Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV

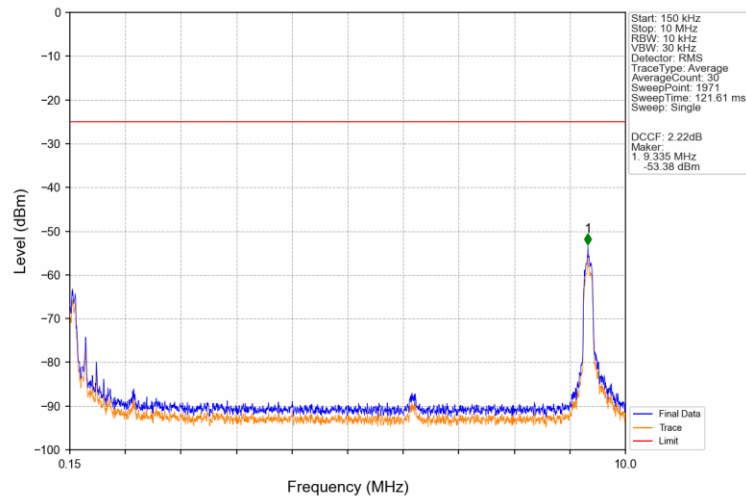


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.075	-48.13	-25	Pass
2490.5	2496	1	CHP	2	2494.585	-48.08	-13	Pass
2496	2558.385	1	CHP	3	2558.260	-45.83	-25	Pass
2558.385	2565	1	CHP	4	2565.000	-40.21	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.85	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-31.35	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

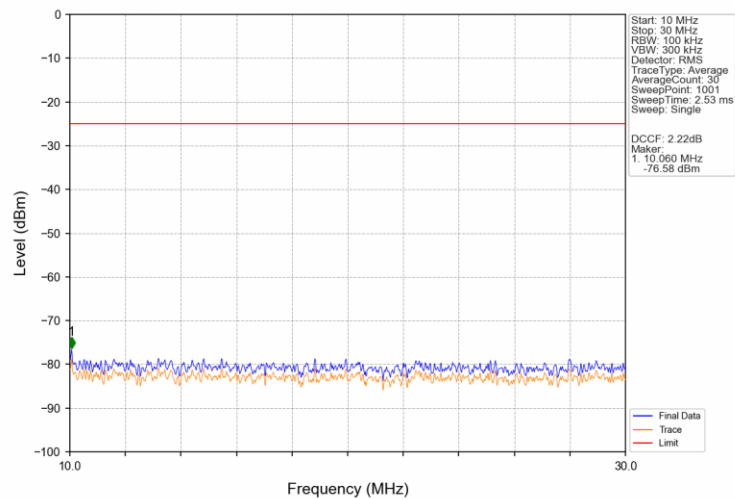
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



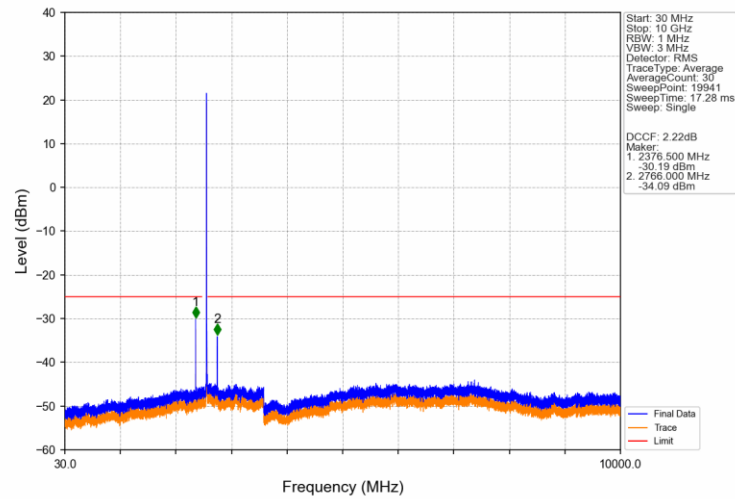
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



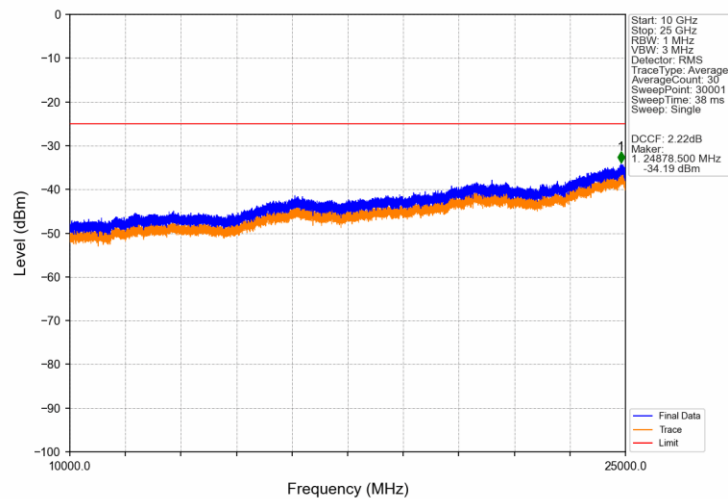
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



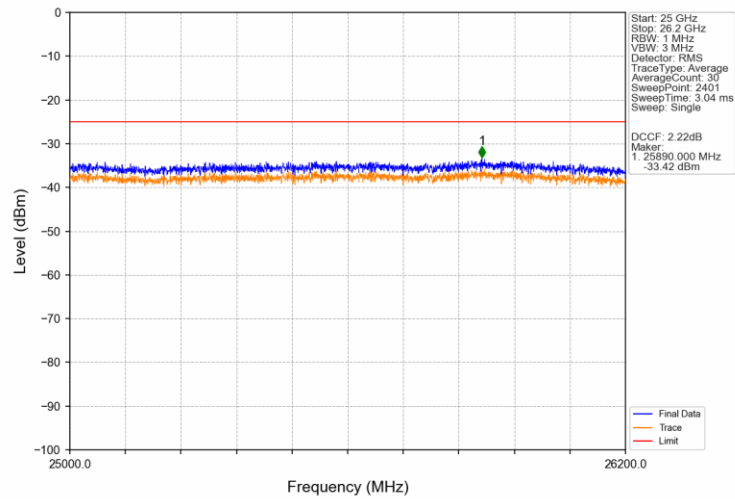
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



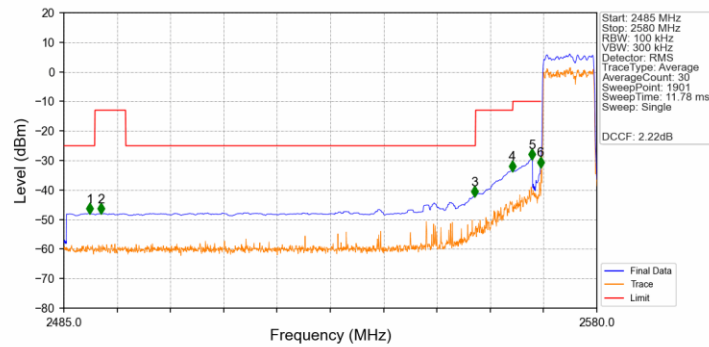
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV

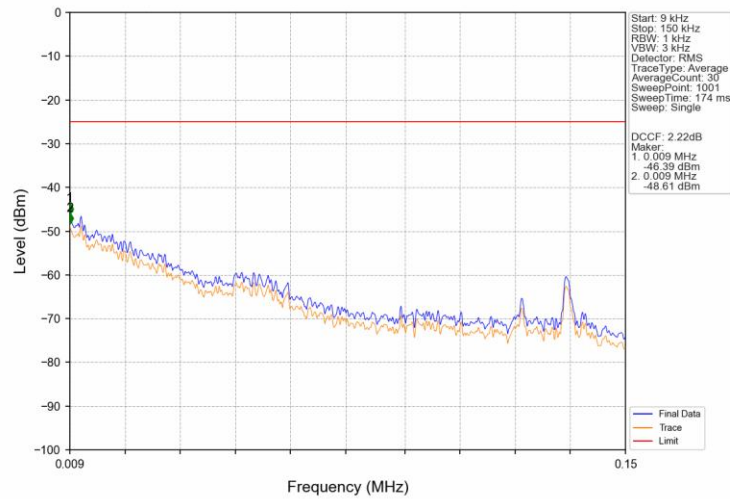


Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.650	-47.80	-25	Pass
2490.5	2496	1	CHP	2	2491.650	-47.91	-13	Pass
2496	2558.385	1	CHP	3	2558.250	-42.02	-25	Pass
2558.385	2565	1	CHP	4	2564.900	-33.41	-13	Pass
2565	2569	1	CHP	5	2568.450	-29.49	-10	Pass
2569	2570	0.232	CHP	6	2569.950	-32.13	-10	Pass
2570	2580	0.232	CHP	/	/	/	/	/

Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV

