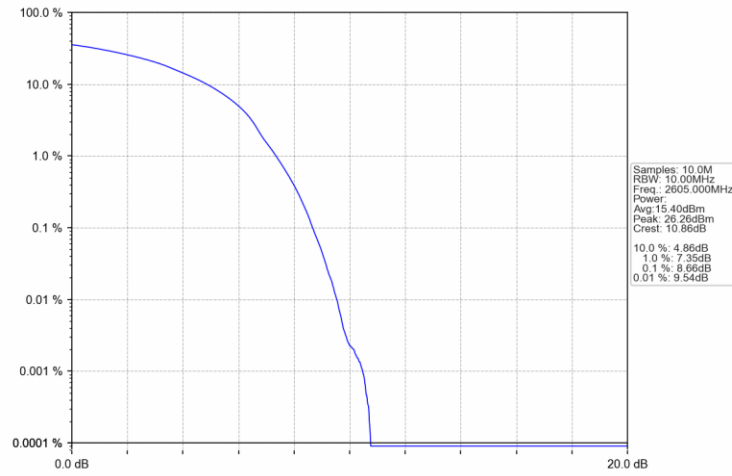
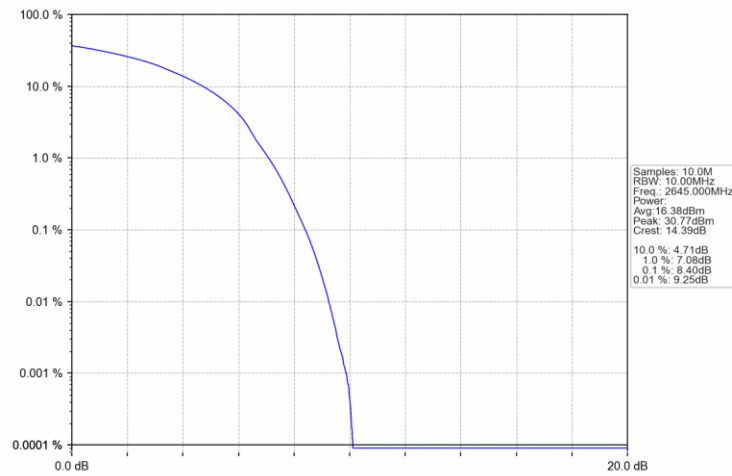


Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	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	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	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 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2560	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2605	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	2560	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2605	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 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2562.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2605	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	2562.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2605	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

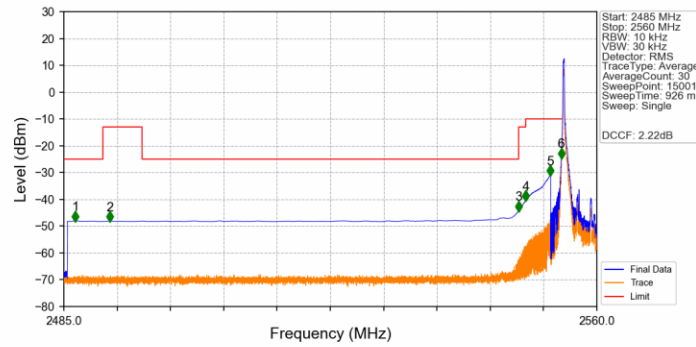
6.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

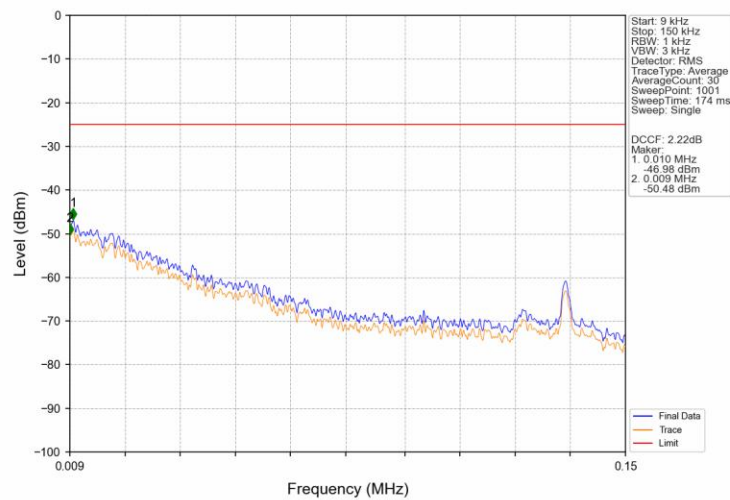
6.2 Test Graph

6.2.1 B41_5MHz

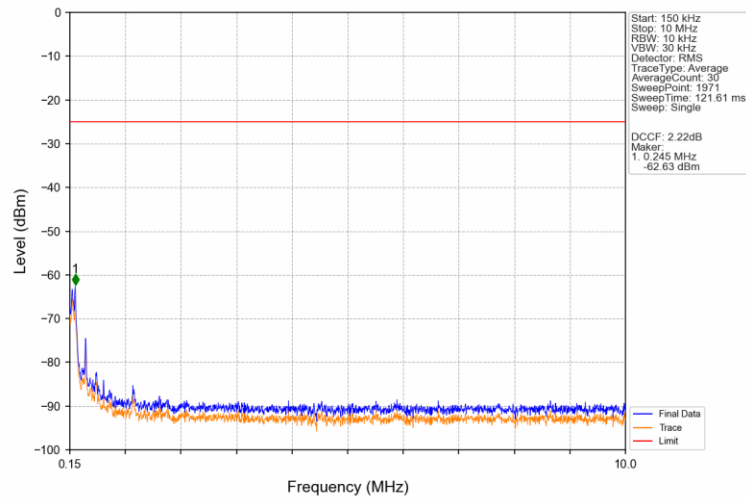
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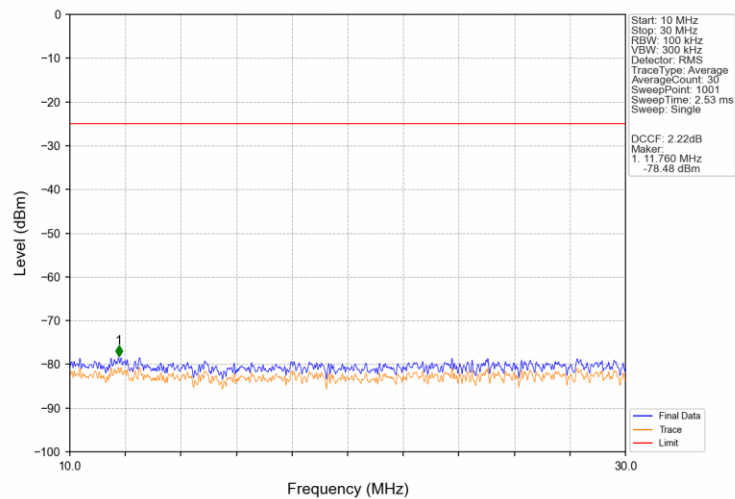
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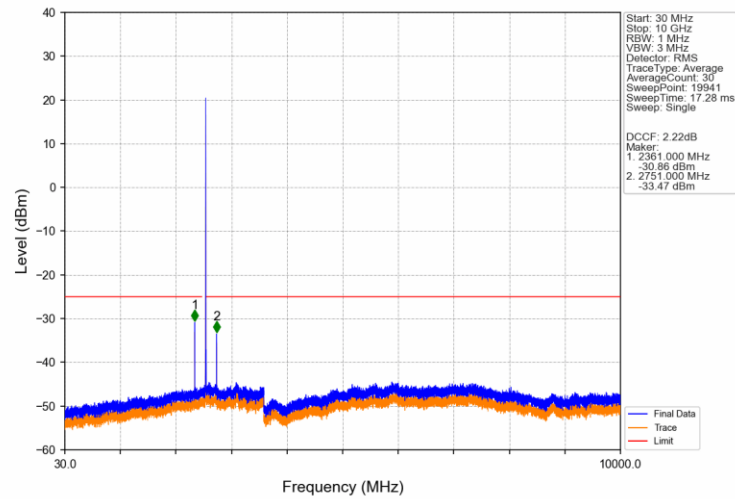
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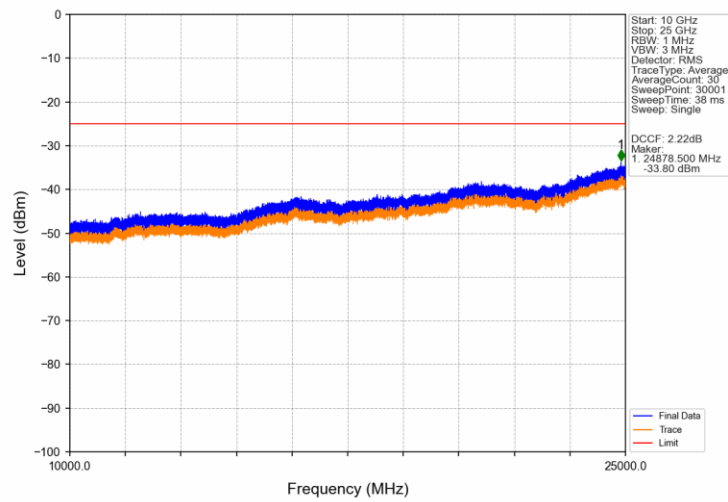
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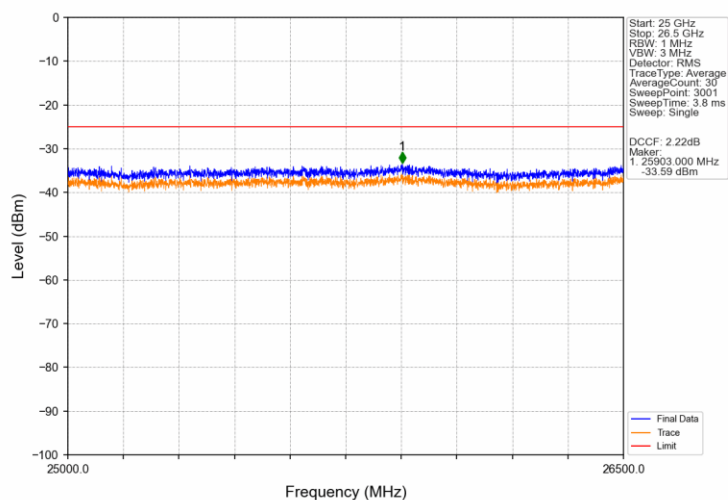
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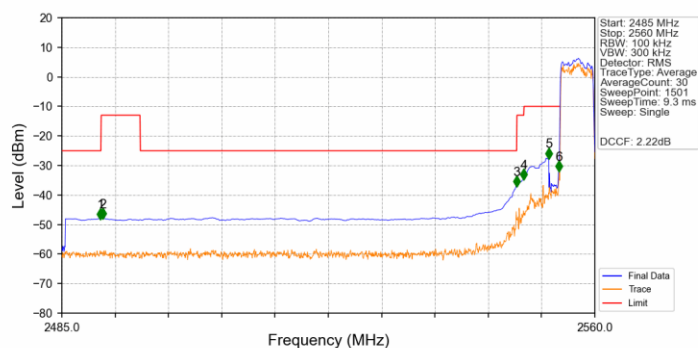
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41 5MHz QPSK LCH 2557.5MHz RB 1 0 NTV

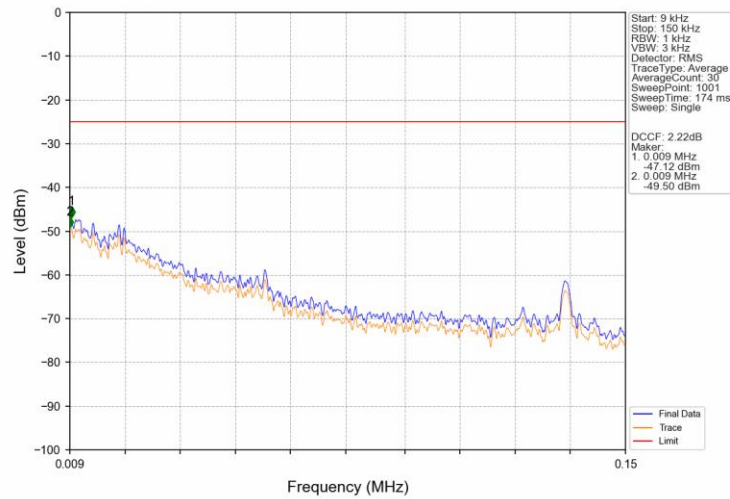


Band41 5MHz QPSK LCH 2557.5MHz RB 25 0 NTV

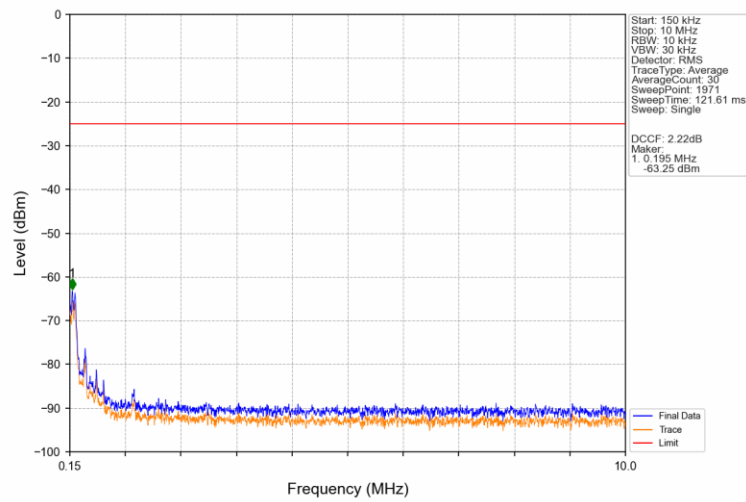


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.450	-47.96	-25	Pass
2490.5	2496	1	CHP	2	2490.750	-47.85	-13	Pass
2496	2549	1	CHP	3	2549.000	-36.92	-25	Pass
2549	2550	1	CHP	4	2550.000	-34.53	-13	Pass
2550	2554	1	CHP	5	2553.500	-27.47	-10	Pass
2554	2555	0.116	CHP	6	2554.950	-31.88	-10	Pass
2555	2560	0.116	CHP	/	/	/	/	/

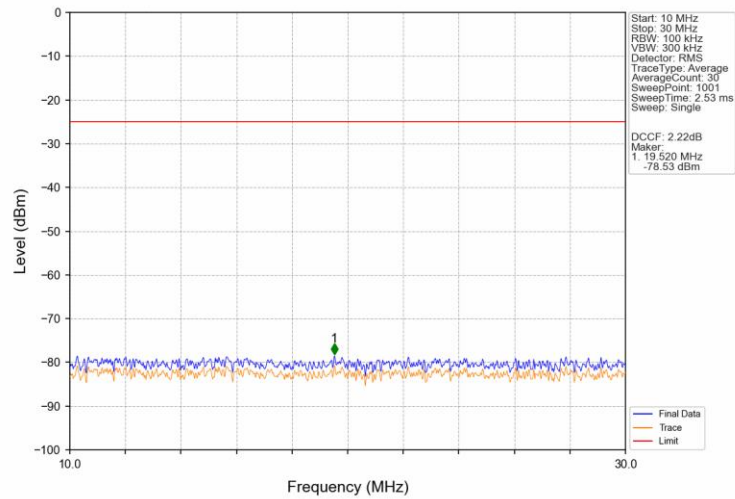
Band41 5MHz QPSK MCH 2605MHz RB 1 0 NTN



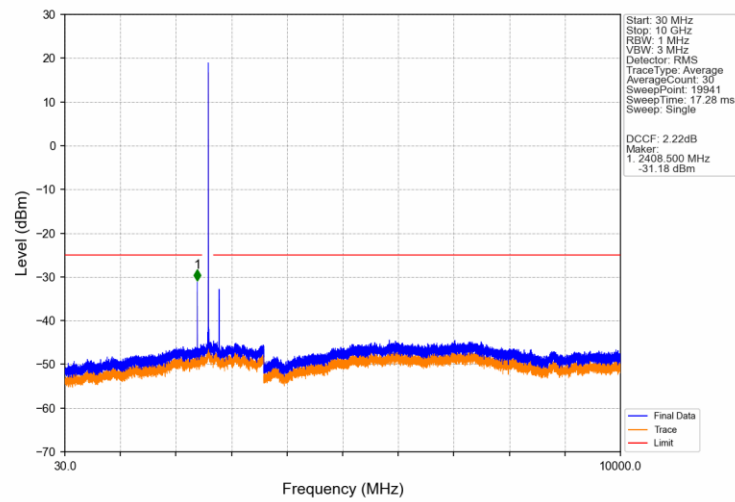
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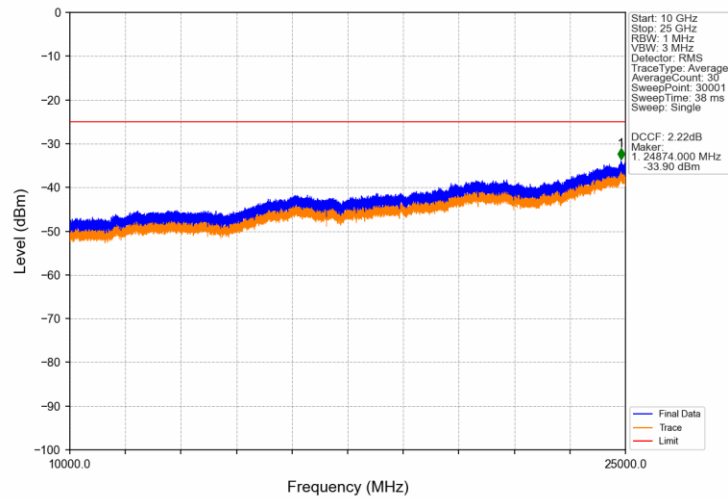
Band41 5MHz QPSK MCH 2605MHz RB 1 0 NTN



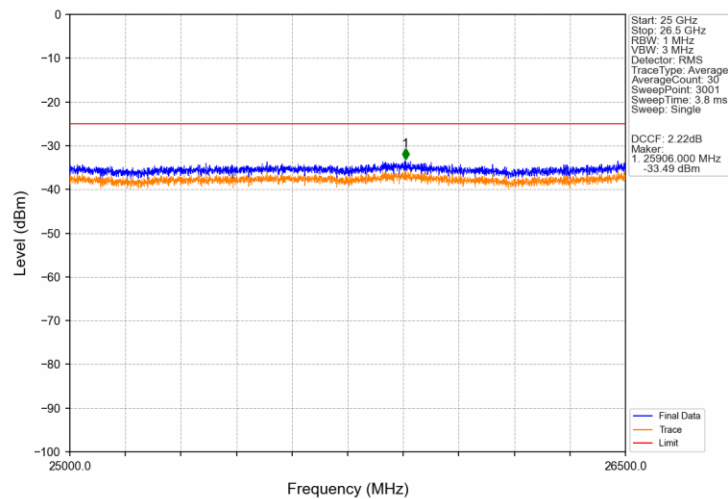
Band41 5MHz QPSK MCH 2605MHz RB 1 0 NTN



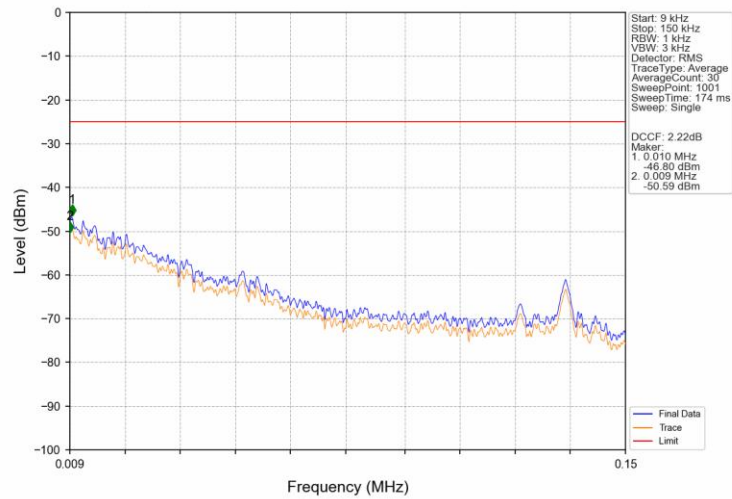
Band41 5MHz QPSK MCH 2605MHz RB 1 0 NTN



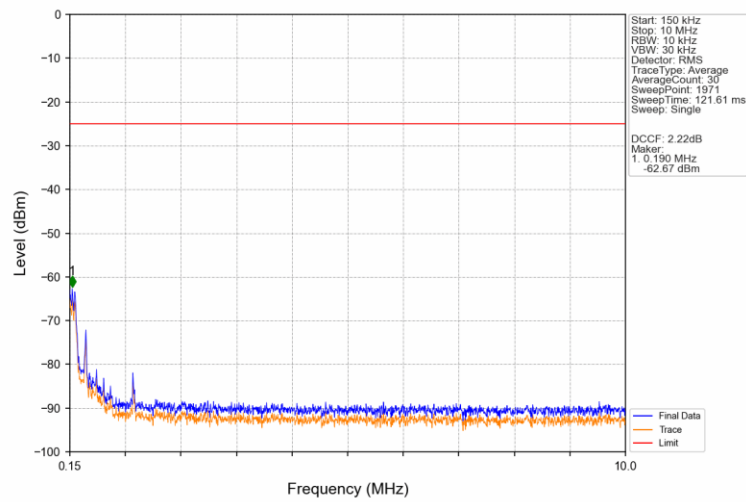
Band41 5MHz QPSK MCH 2605MHz RB 1 0 NTN



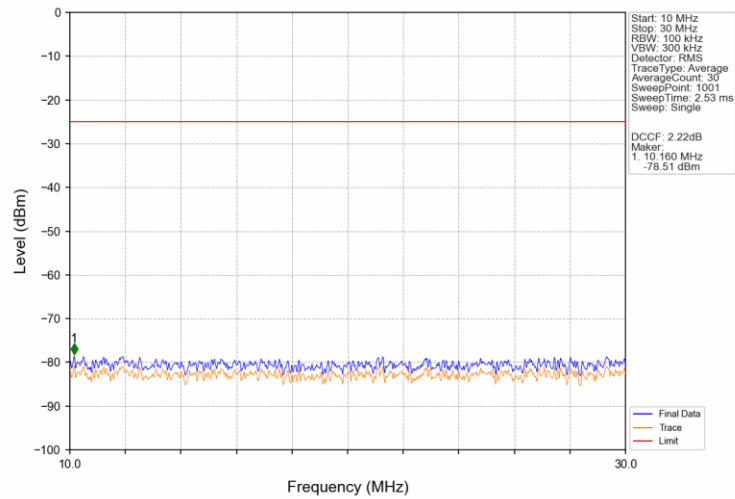
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



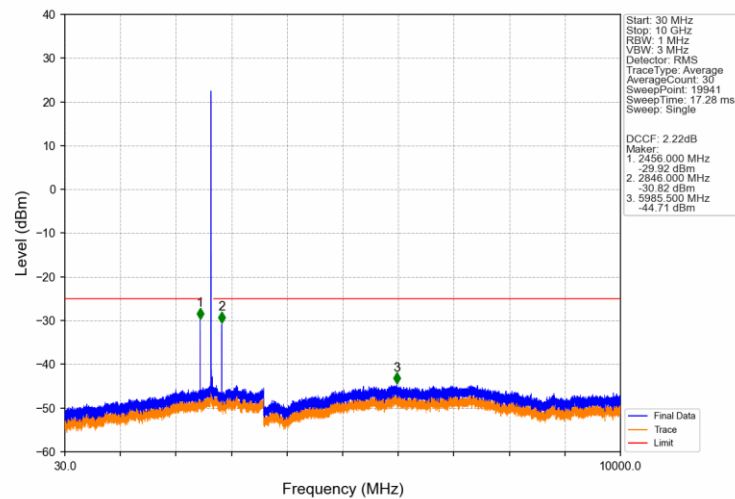
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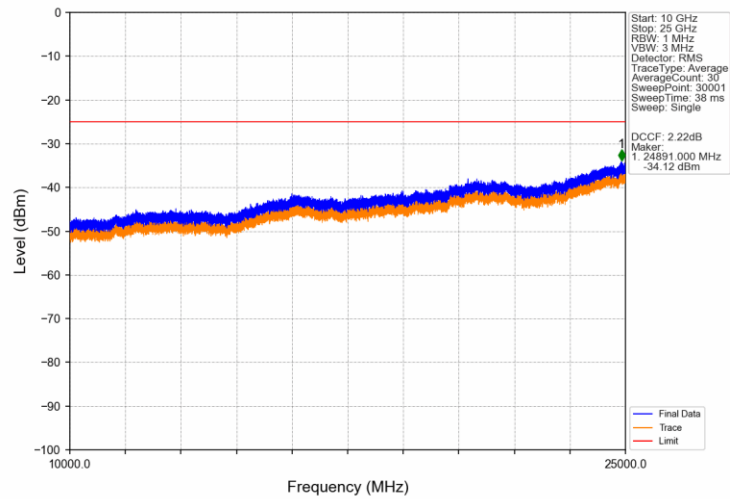
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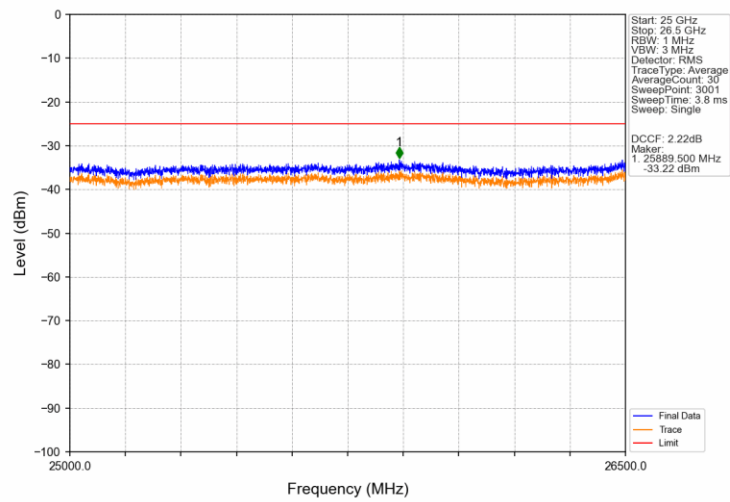
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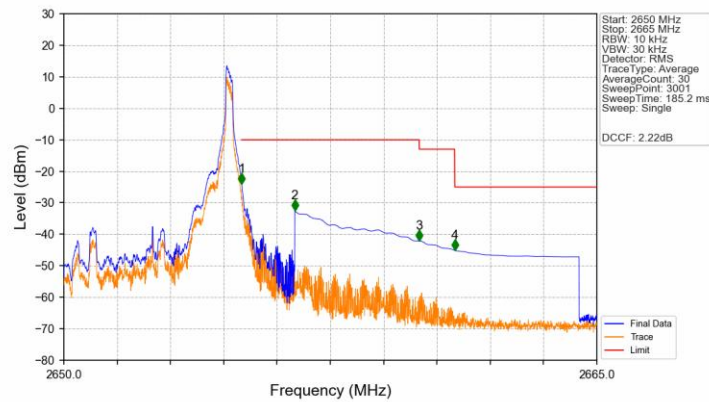
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV

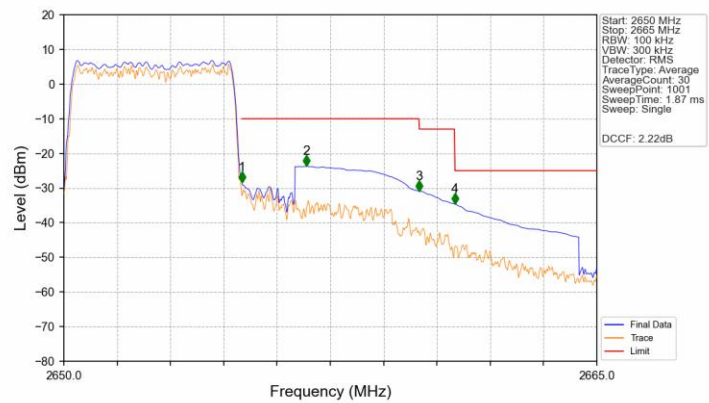


Band41 5MHz QPSK HCH 2652.5MHz RB 1 24 NTNV



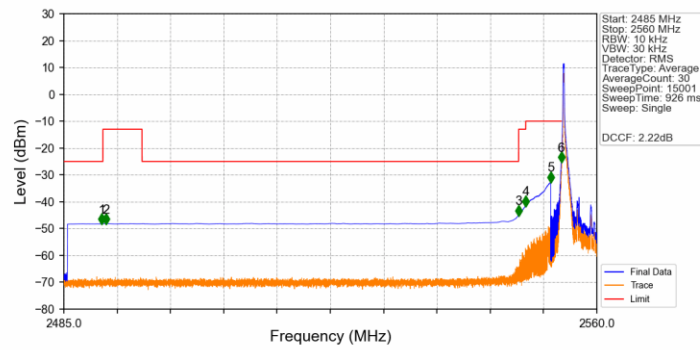
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2650	2655	0.02	CHP	/	/	/	/	/
2655	2656	0.02	CHP	1	2655.005	-23.97	-10	Pass
2656	2660	1	CHP	2	2656.500	-32.54	-10	Pass
2660	2661	1	CHP	3	2660.005	-42.16	-13	Pass
2661	2665	1	CHP	4	2661.005	-45.17	-25	Pass

Band41 5MHz QPSK HCH 2652.5MHz RB 25 0 NTNV

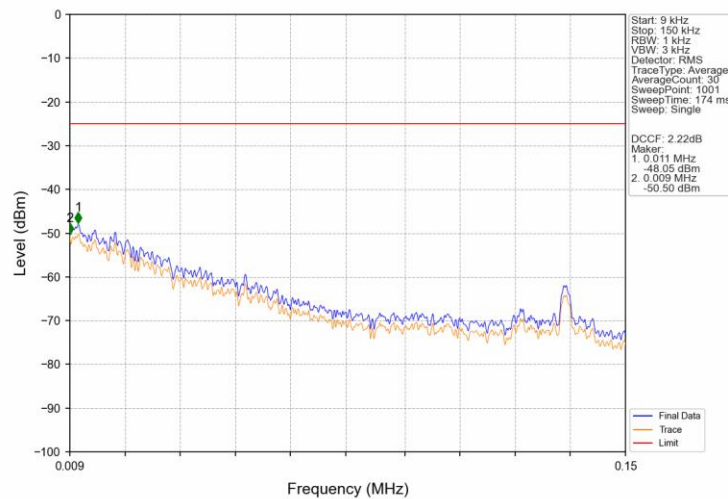


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2650	2655	0.111	CHP	/	/	/	/	/
2655	2656	0.111	CHP	1	2655.010	-28.43	-10	Pass
2656	2660	1	CHP	2	2656.825	-23.74	-10	Pass
2660	2661	1	CHP	3	2660.005	-30.87	-13	Pass
2661	2665	1	CHP	4	2661.010	-34.64	-25	Pass

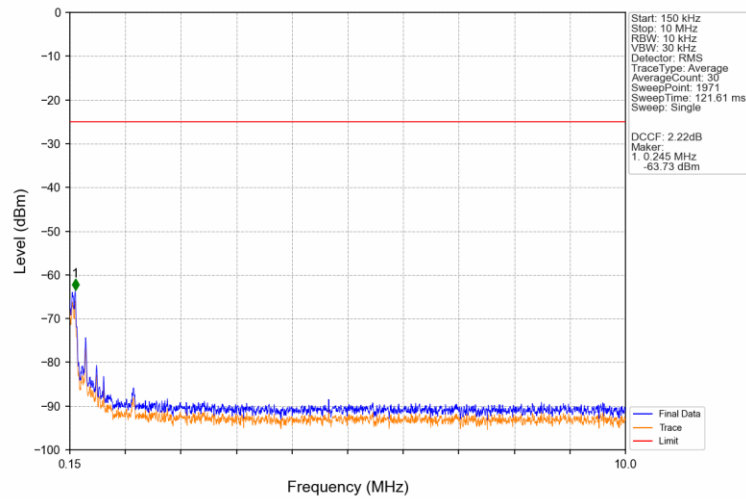
Band41 5MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



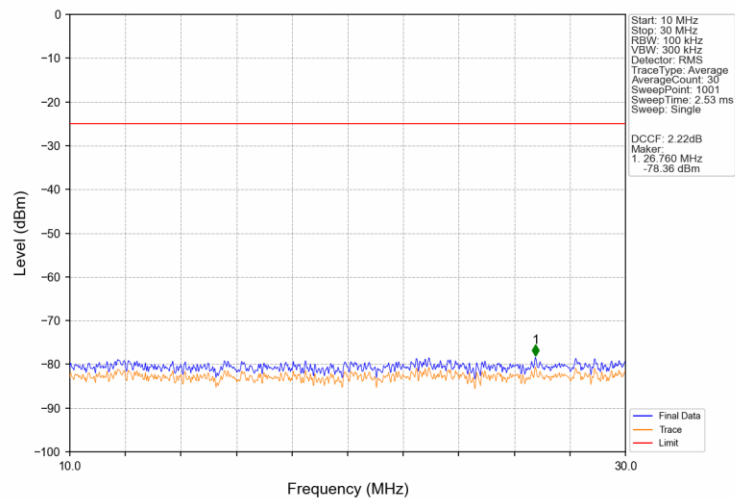
Band41 5MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



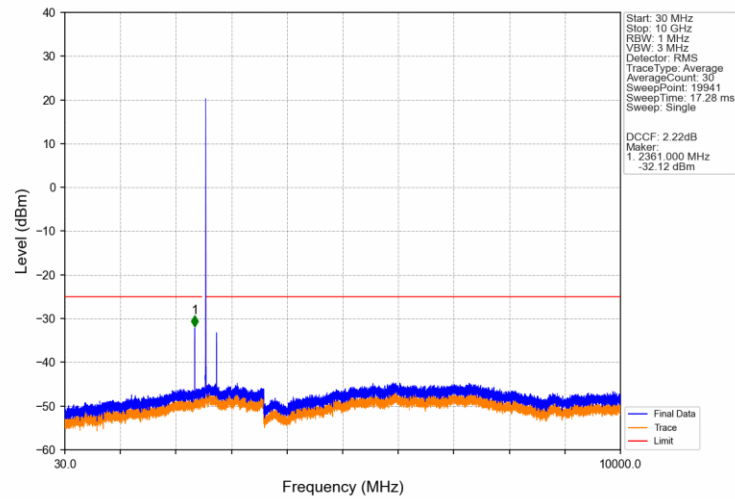
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



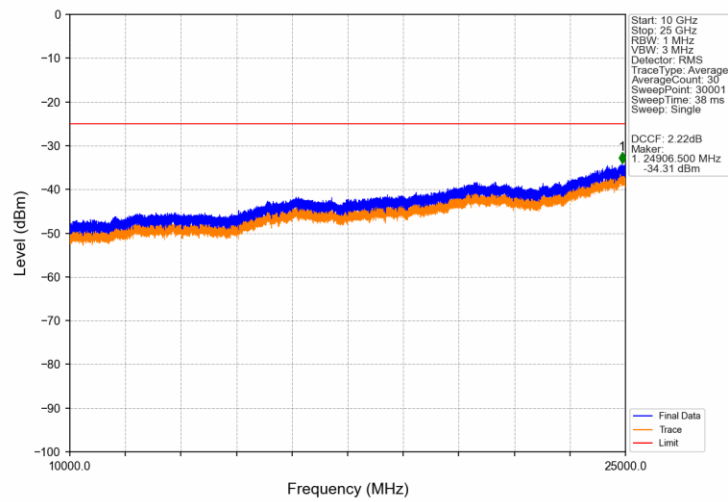
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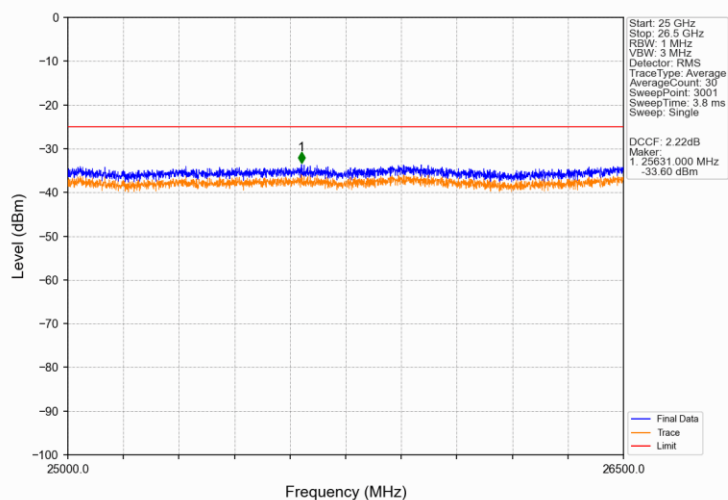
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



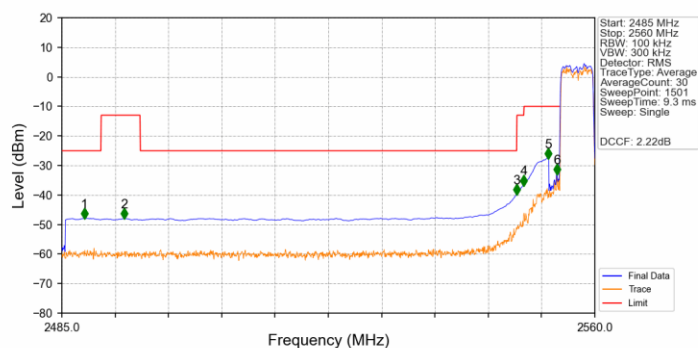
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



Band41 5MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV

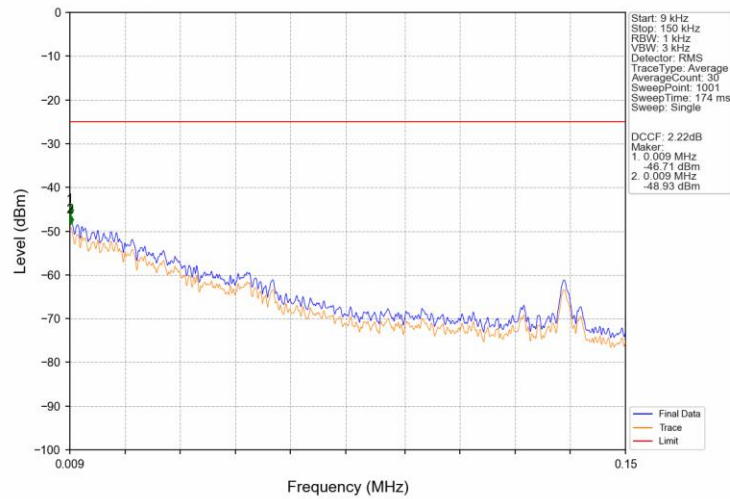


Band41 5MHz 16QAM LCH 2557.5MHz RB 25 0 NTNV

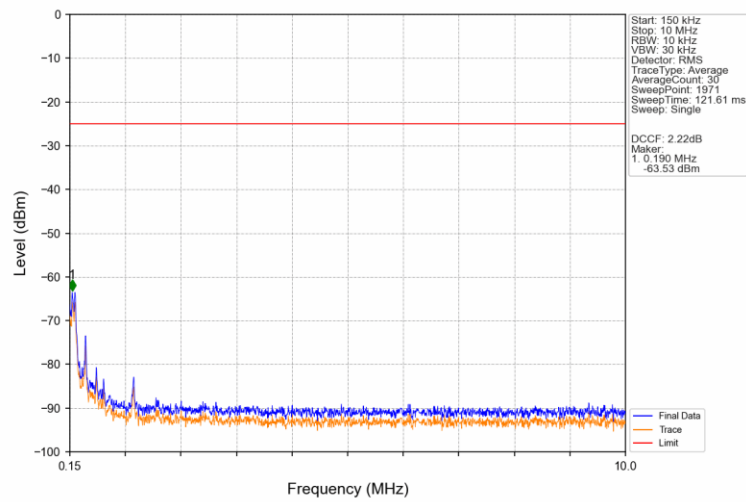


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.150	-47.83	-25	Pass
2490.5	2496	1	CHP	2	2493.800	-47.91	-13	Pass
2496	2549	1	CHP	3	2549.000	-39.77	-25	Pass
2549	2550	1	CHP	4	2550.000	-36.62	-13	Pass
2550	2554	1	CHP	5	2553.450	-27.57	-10	Pass
2554	2555	0.101	CHP	6	2554.650	-32.92	-10	Pass
2555	2560	0.101	CHP	/	/	/	/	/

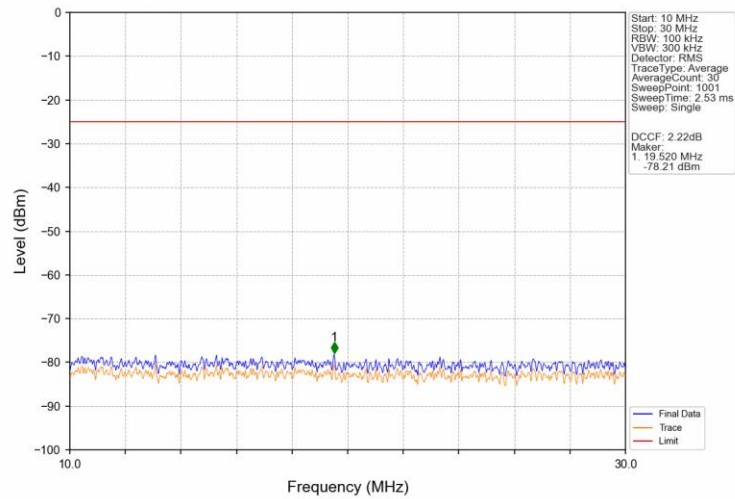
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



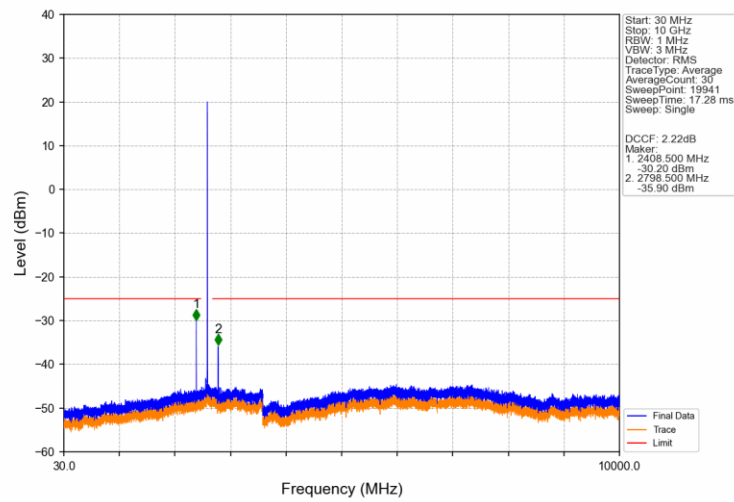
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



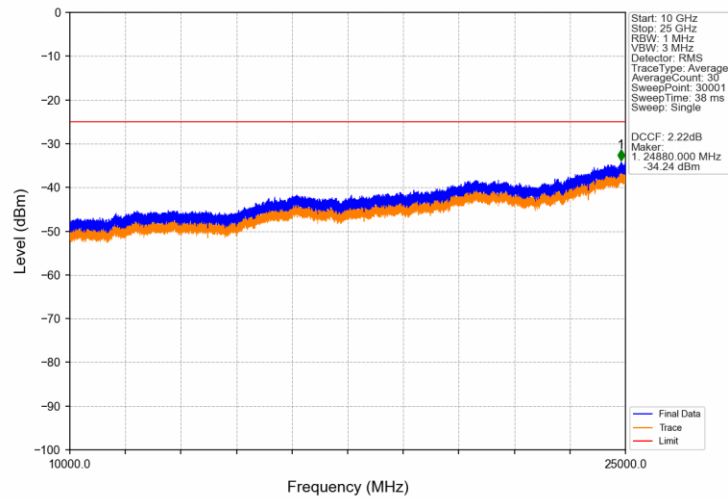
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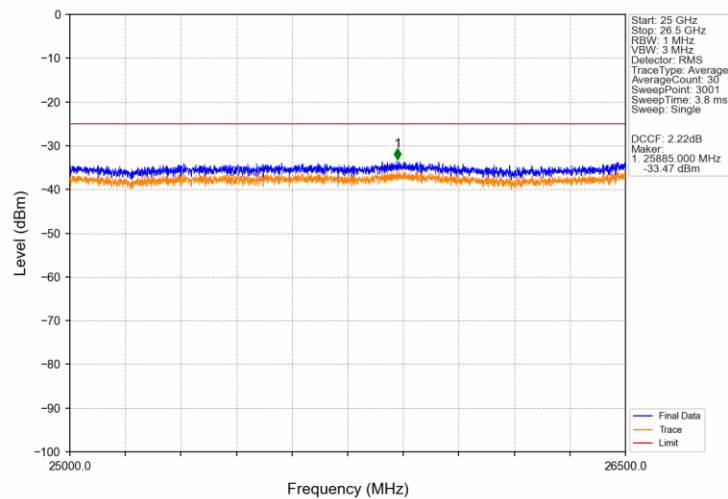
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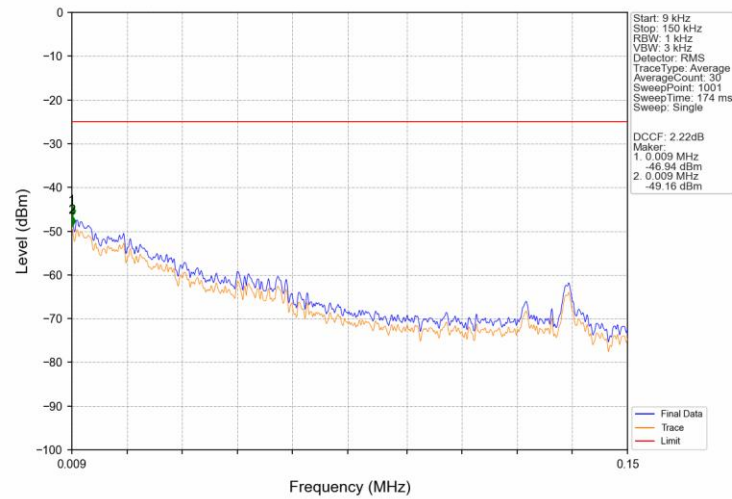
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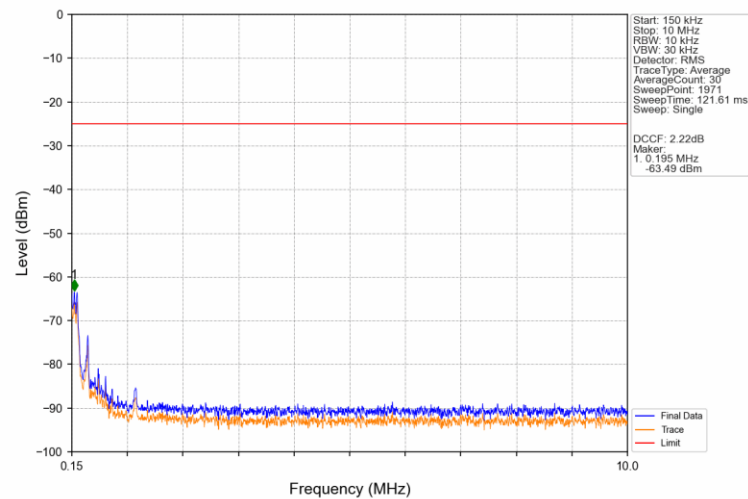
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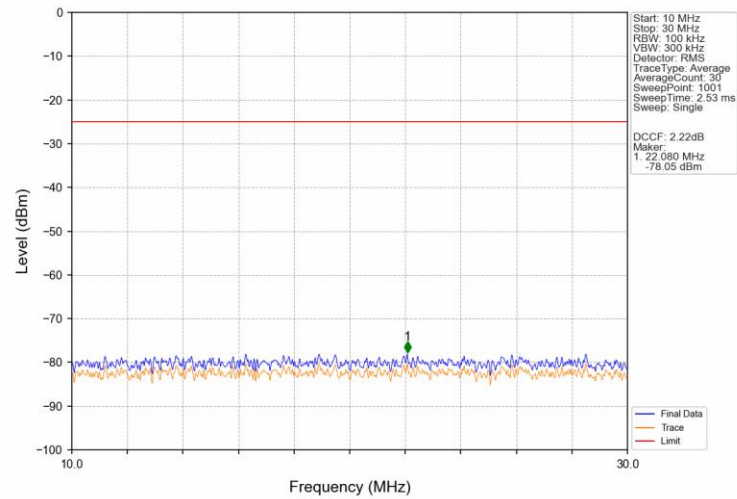
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



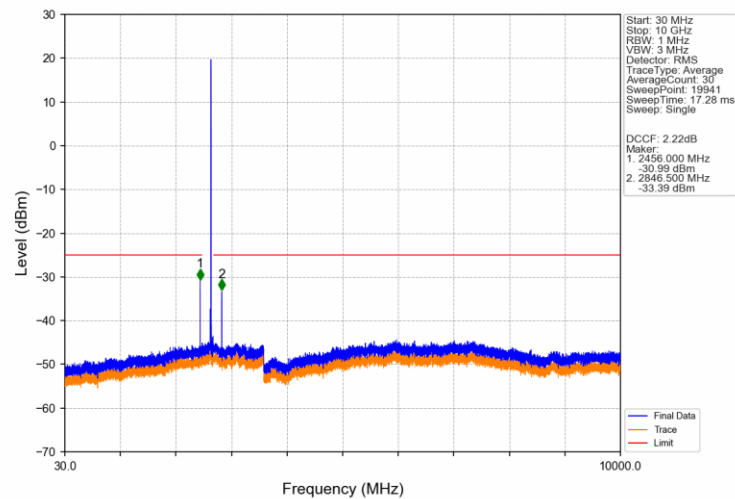
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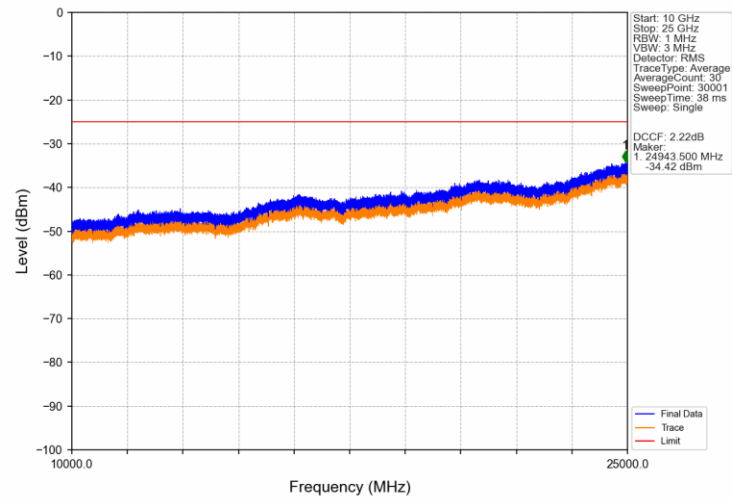
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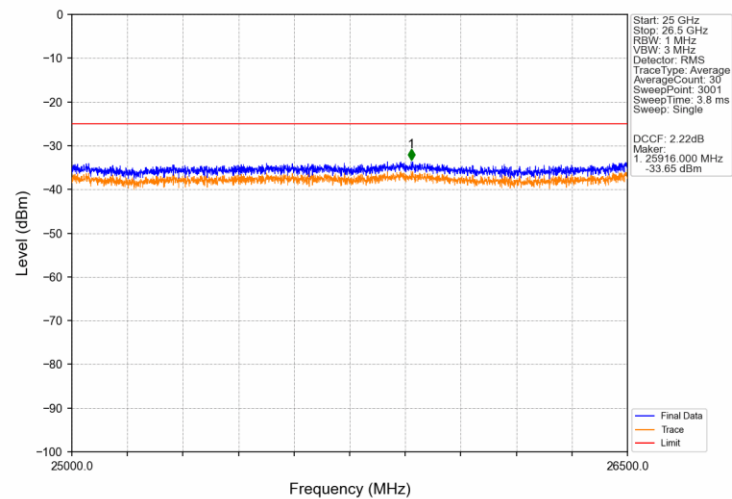
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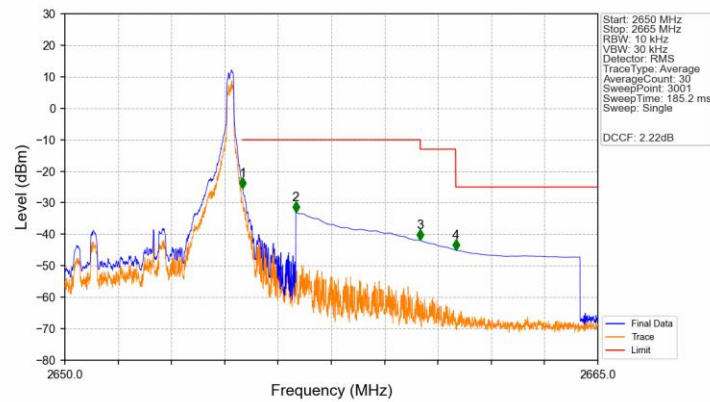
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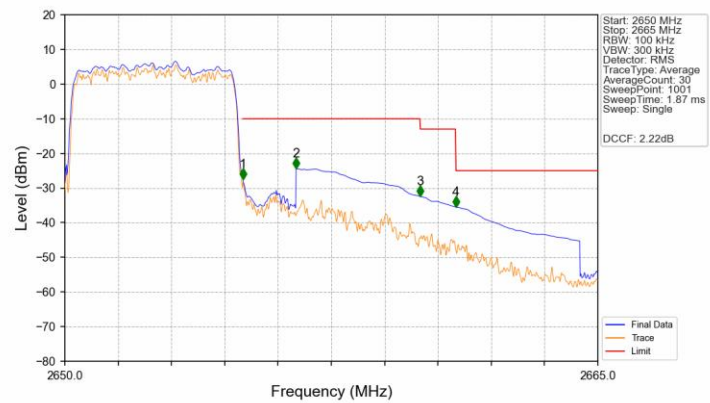
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41 5MHz 16QAM HCH 2652.5MHz RB 1 24 NTNV

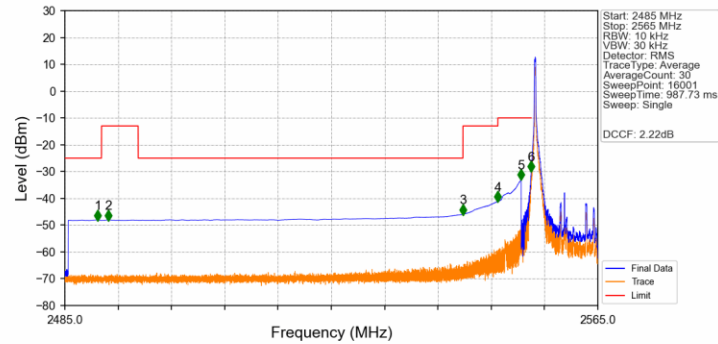


Band41 5MHz 16QAM HCH 2652.5MHz RB 25 0 NTNV



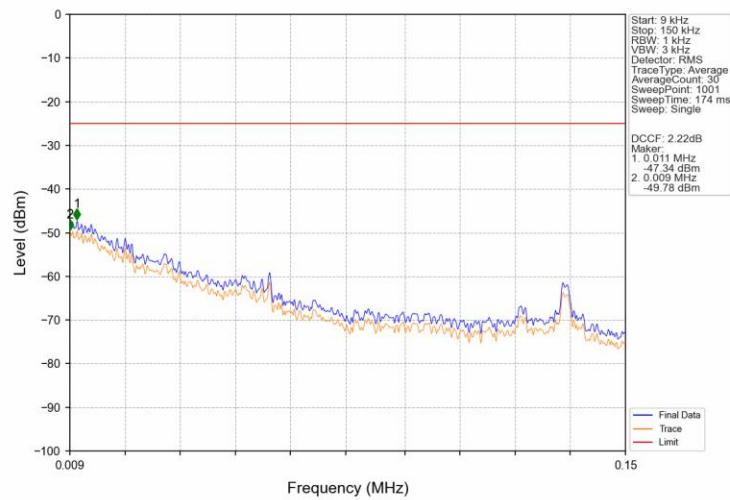
6.2.2 B41_10MHz

Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTN

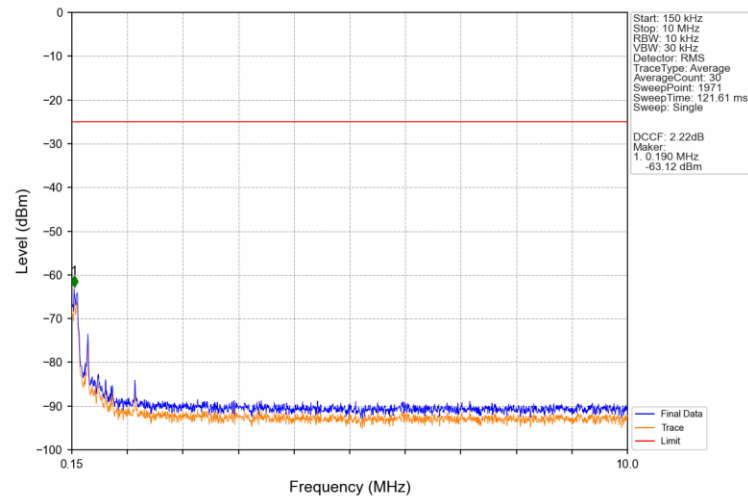


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.940	-48.06	-25	Pass
2490.5	2496	1	CHP	2	2491.525	-48.02	-13	Pass
2496	2544.758	1	CHP	3	2544.735	-45.92	-25	Pass
2544.758	2550	1	CHP	4	2549.995	-41.17	-13	Pass
2550	2554	1	CHP	5	2553.500	-32.92	-10	Pass
2554	2555	0.02	CHP	6	2554.995	-29.87	-10	Pass
2555	2565	0.02	CHP	/	/	/	/	/

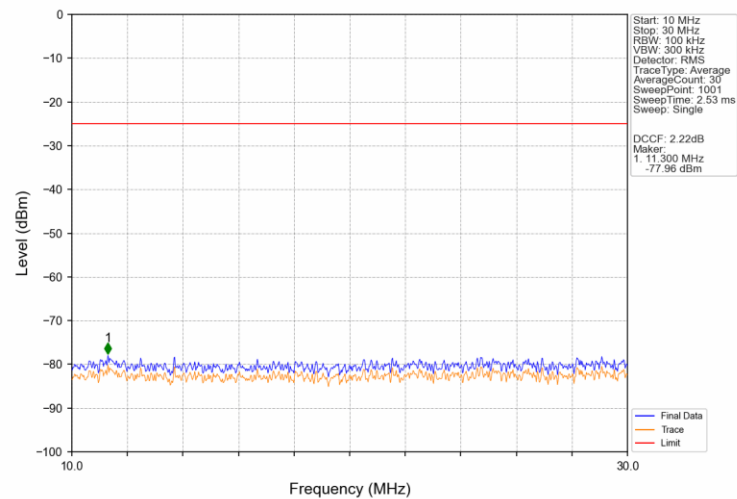
Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTN



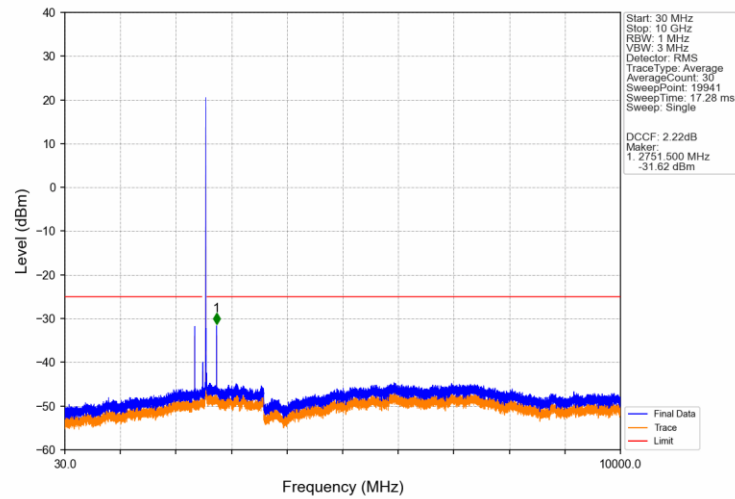
Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTNV



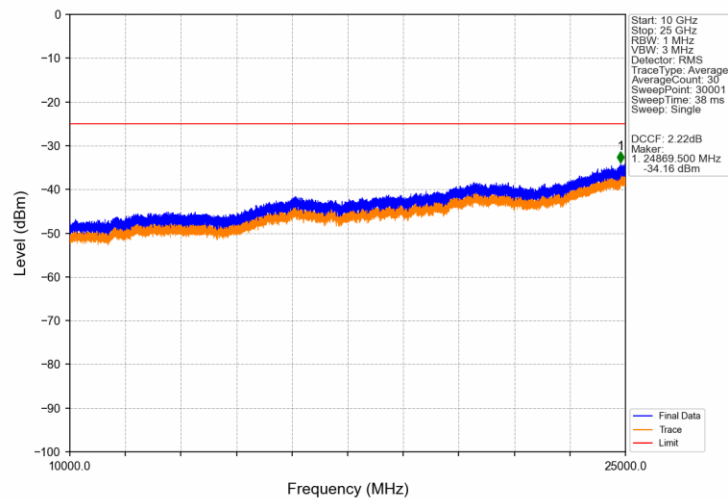
Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTNV



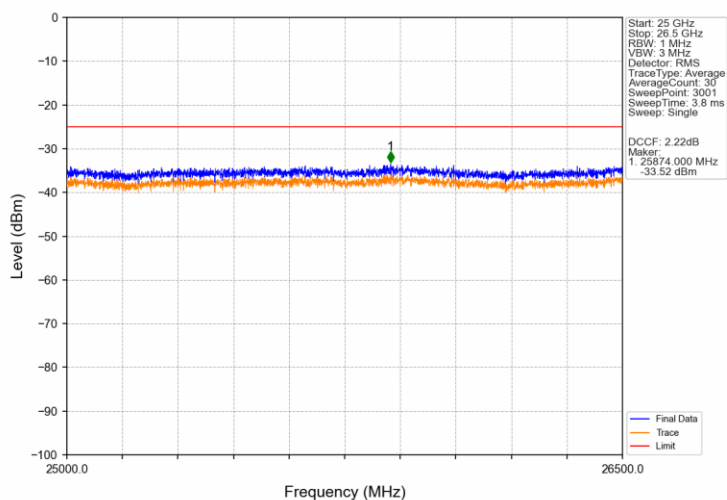
Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTNV



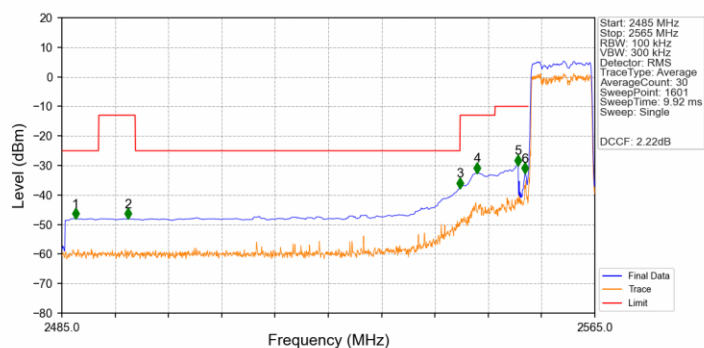
Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTNV



Band41 10MHz QPSK LCH 2560MHz RB 1 0 NTNV

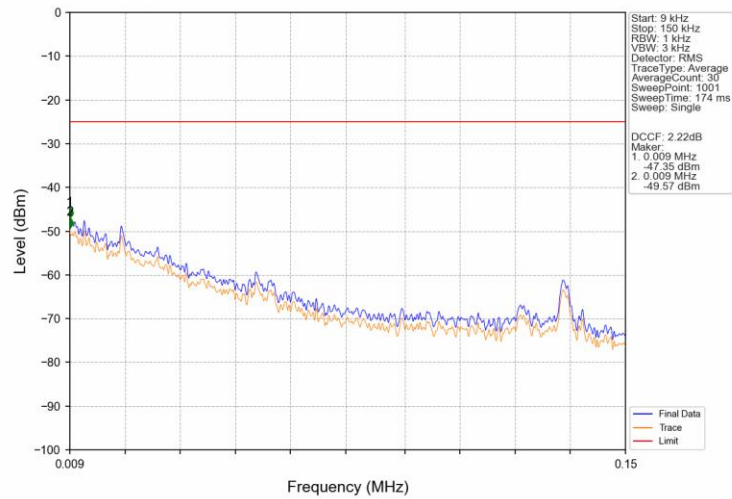


Band41 10MHz QPSK LCH 2560MHz RB 50 0 NTNV

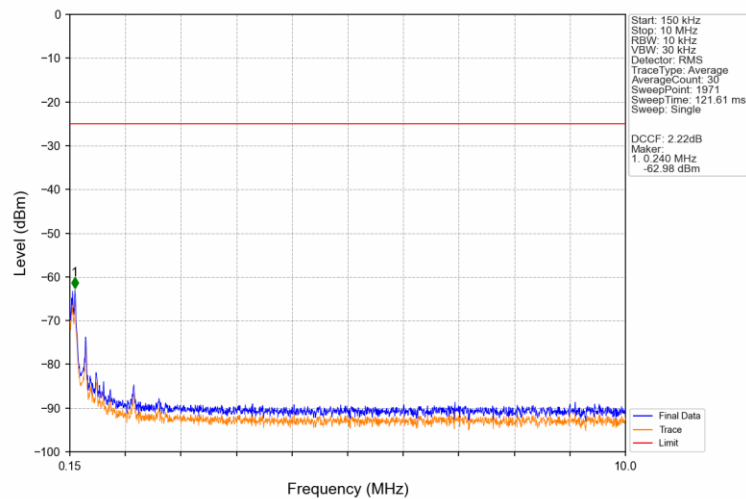


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.050	-47.82	-25	Pass
2490.5	2496	1	CHP	2	2494.950	-47.88	-13	Pass
2496	2544.758	1	CHP	3	2544.750	-37.50	-25	Pass
2544.758	2550	1	CHP	4	2547.350	-32.35	-13	Pass
2550	2554	1	CHP	5	2553.500	-29.82	-10	Pass
2554	2555	0.205	CHP	6	2554.550	-32.51	-10	Pass
2555	2565	0.205	CHP	/	/	/	/	/

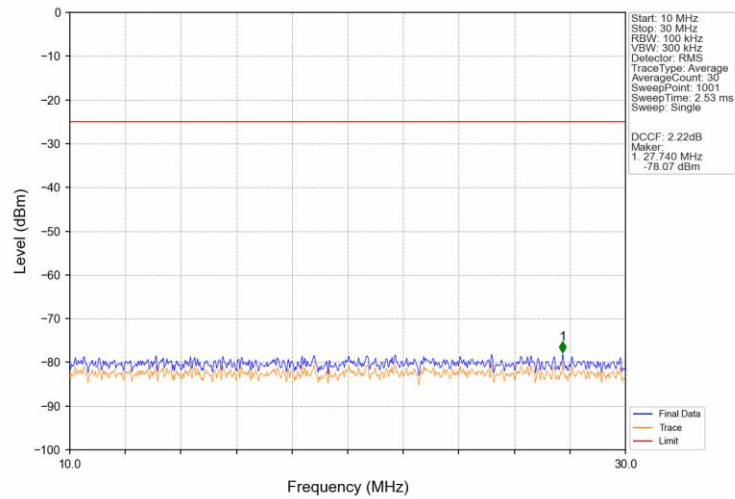
Band41_10MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



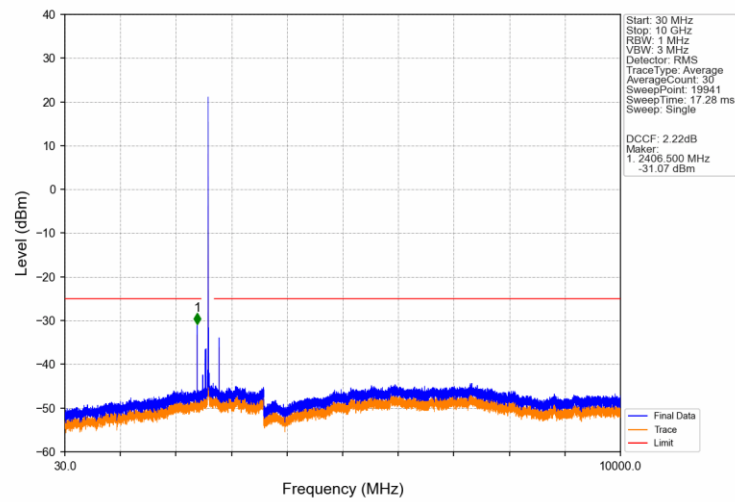
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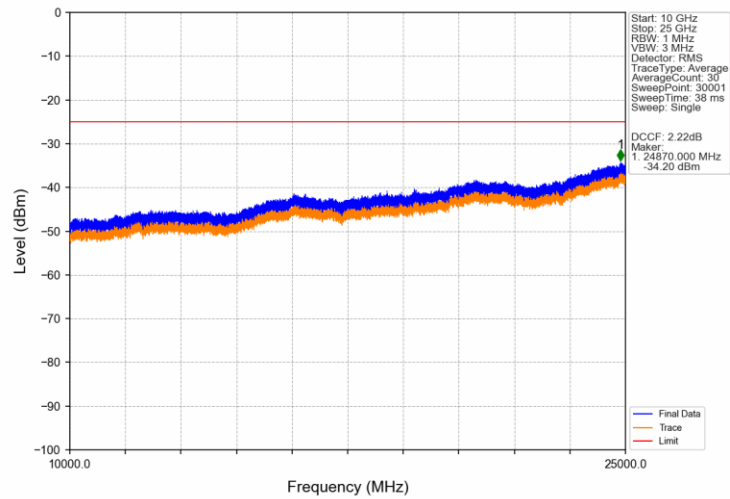
Band41 10MHz QPSK MCH 2605MHz RB 1 0 NTV



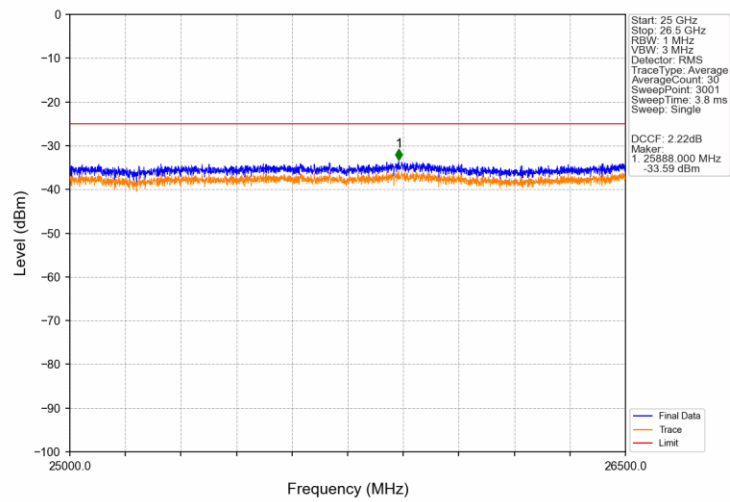
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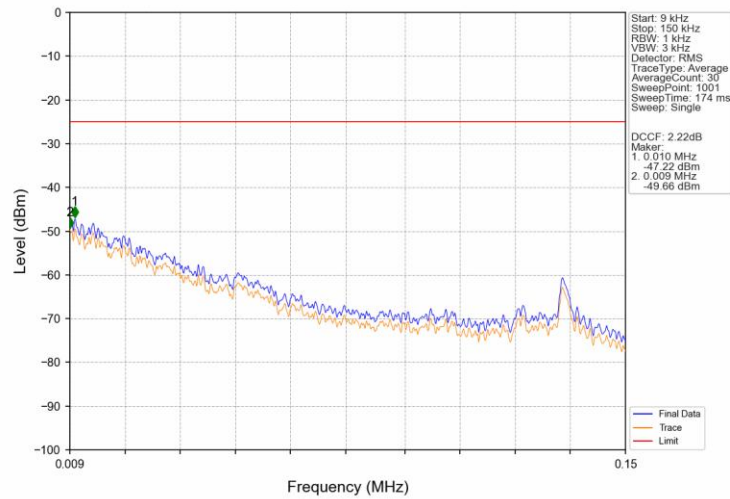
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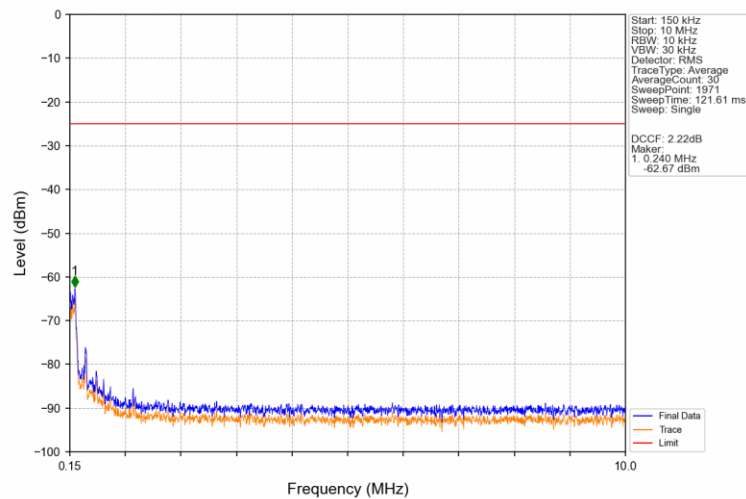
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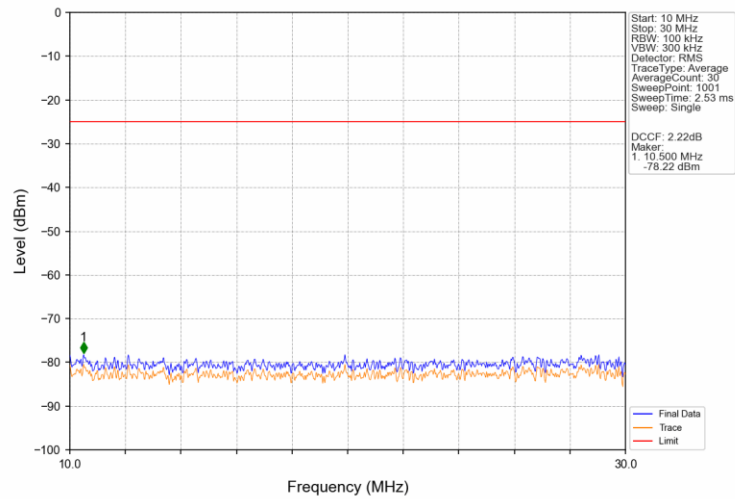
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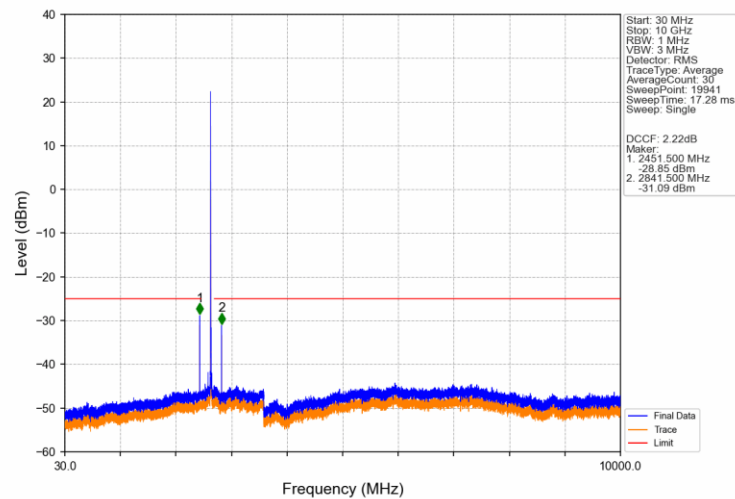
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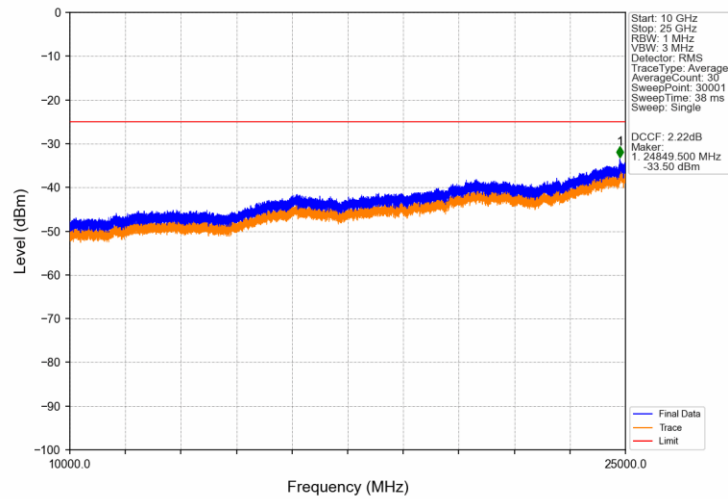
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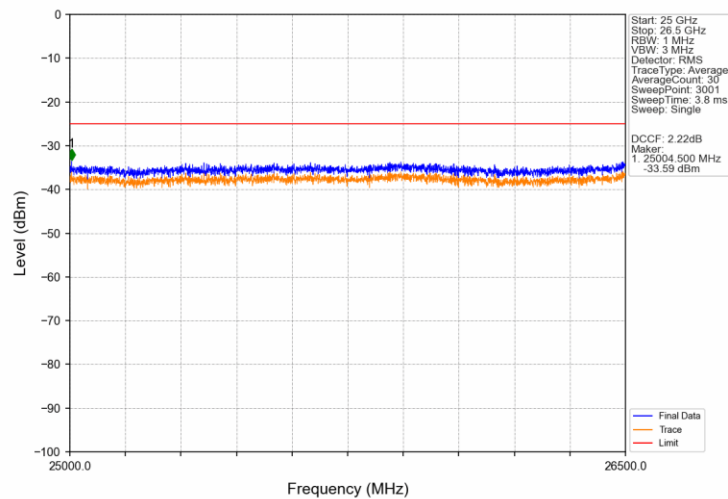
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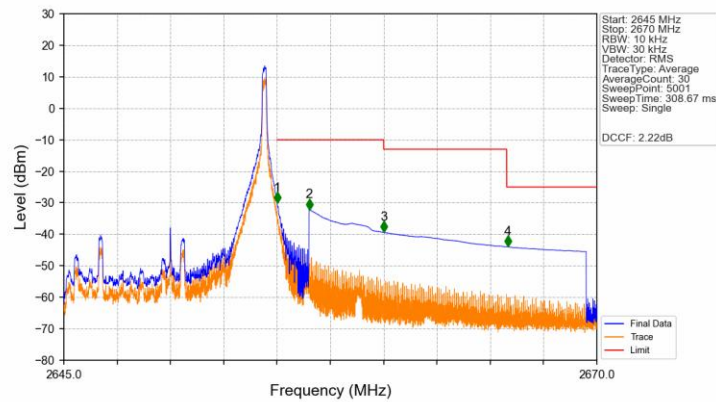
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Band41 10MHz QPSK HCH 2650MHz RB 1 0 NTNV

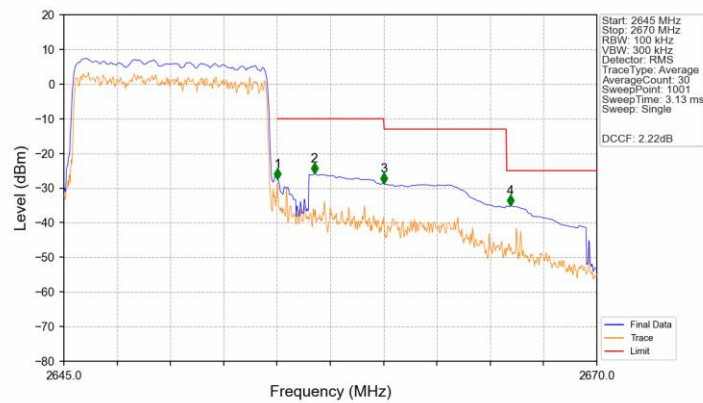


Band41 10MHz QPSK HCH 2650MHz RB 1 49 NTNV



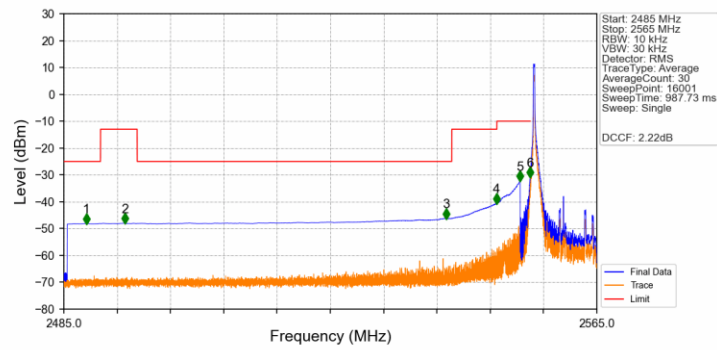
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2645	2655	0.02	CHP	/	/	/	/	/
2655	2656	0.02	CHP	1	2655.005	-30.02	-10	Pass
2656	2660	1	CHP	2	2656.515	-32.15	-10	Pass
2660	2665.774	1	CHP	3	2660.005	-39.36	-13	Pass
2665.774	2670	1	CHP	4	2665.835	-43.93	-25	Pass

Band41 10MHz QPSK HCH 2650MHz RB 50 0 NTNV

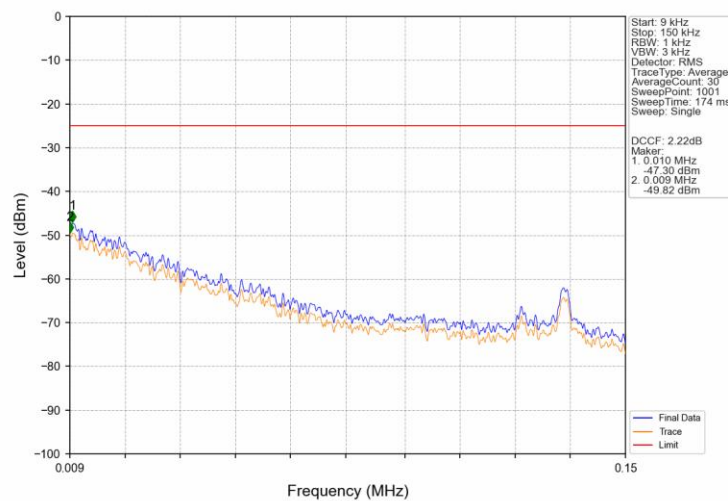


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2645	2655	0.215	CHP	/	/	/	/	/
2655	2656	0.215	CHP	1	2655.025	-27.46	-10	Pass
2656	2660	1	CHP	2	2656.750	-25.87	-10	Pass
2660	2665.774	1	CHP	3	2660.025	-28.77	-13	Pass
2665.774	2670	1	CHP	4	2665.950	-35.08	-25	Pass

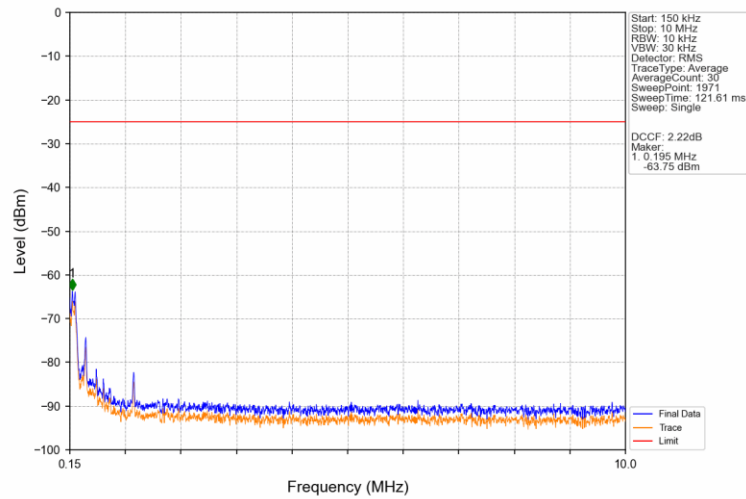
Band41 10MHz 16QAM LCH 2560MHz RB 1 0 NTNV



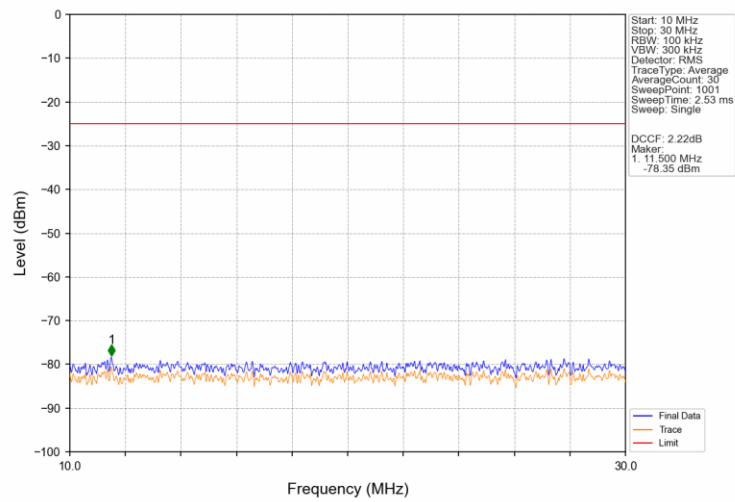
Band41 10MHz 16QAM LCH 2560MHz RB 1 0 NTNV



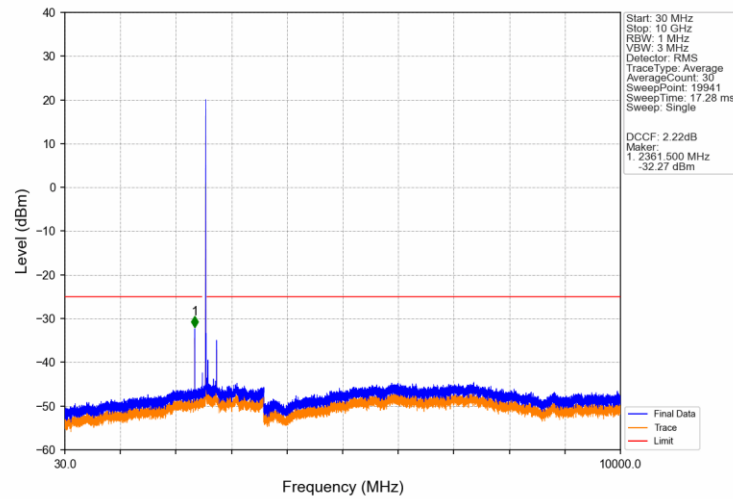
Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



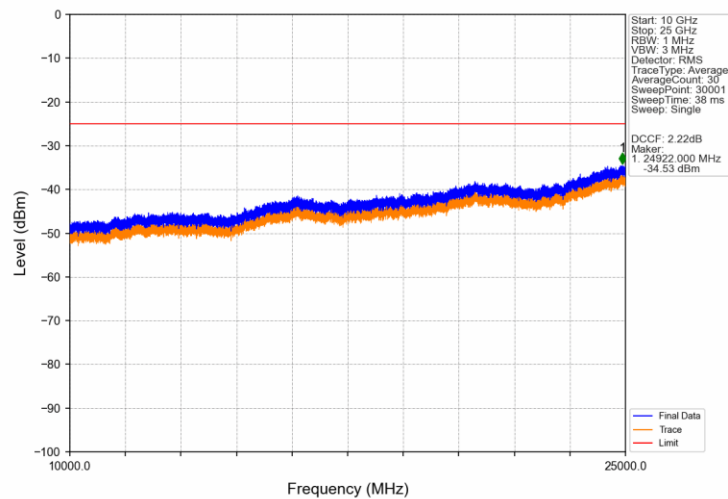
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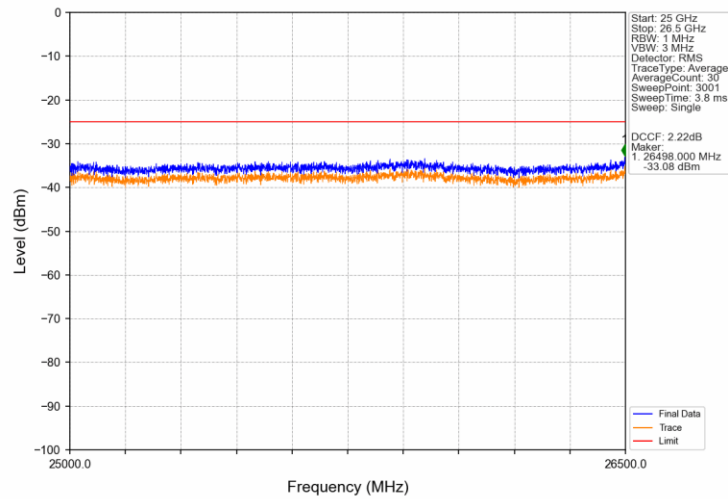
Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



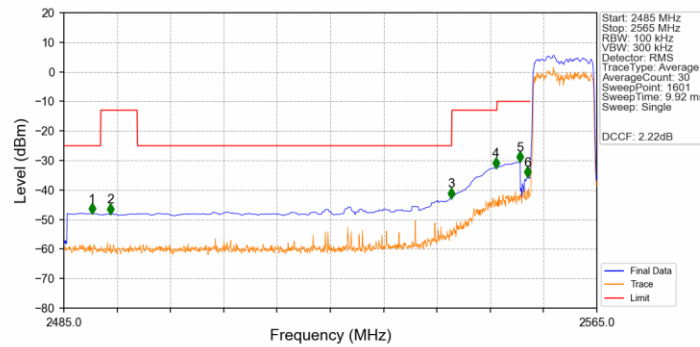
Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



Band41 10MHz 16QAM LCH 2560MHz RB 1 0 NTNV

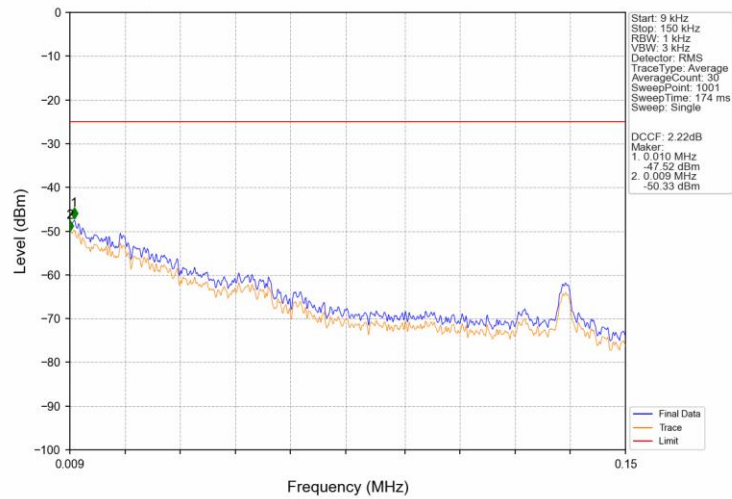


Band41 10MHz 16QAM LCH 2560MHz RB 50 0 NTNV

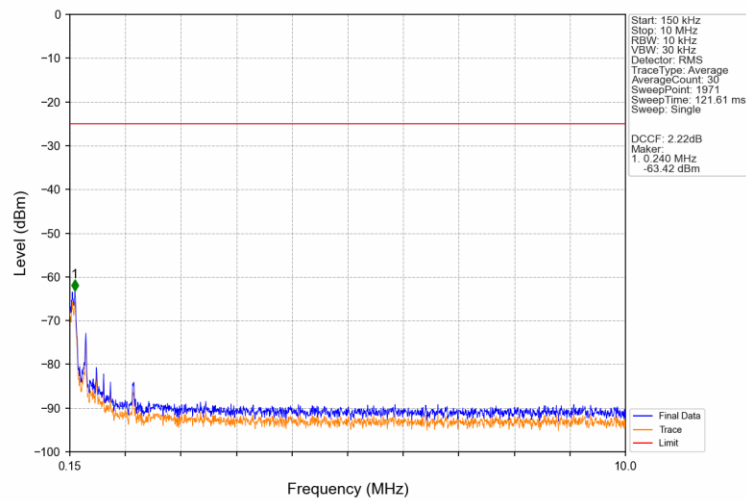


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.250	-47.83	-25	Pass
2490.5	2496	1	CHP	2	2492.000	-47.95	-13	Pass
2496	2543.221	1	CHP	3	2543.200	-42.62	-25	Pass
2543.221	2550	1	CHP	4	2549.850	-32.39	-13	Pass
2550	2554	1	CHP	5	2553.500	-30.26	-10	Pass
2554	2555	0.236	CHP	6	2554.600	-35.42	-10	Pass
2555	2565	0.236	CHP	/	/	/	/	/

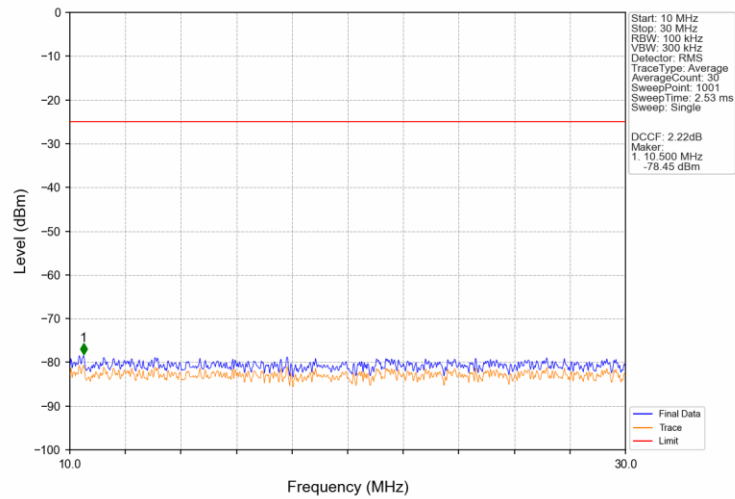
Band41_10MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



Band41 10MHz 16QAM MCH 2605MHz RB 1 0 NTNV



Band41 10MHz 16QAM MCH 2605MHz RB 1 0 NTNV

