



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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CC1:15 CC2:20	CC1: 64QAM	CC1:2507.5 CC2:2522.5	CC1: 75@0 CC2: 75@0	37.70	/	Pass
	CC2: 64QAM	CC1:2547.5 CC2:2562.5	CC1: 75@0 CC2: 75@0	36.43	/	Pass
	CC1: 256QAM	CC1:2507.5 CC2:2522.5	CC1: 75@0 CC2: 75@0	30.70	/	Pass
	CC2: 256QAM	CC1:2547.5 CC2:2562.5	CC1: 75@0 CC2: 75@0	30.83	/	Pass
	CC1: QPSK	CC1:2507.5 CC2:2524.6	CC1: 75@0 CC2: 100@0	35.40	/	Pass
	CC2: QPSK	CC1:2542.9 CC2:2560	CC1: 75@0 CC2: 100@0	35.15	/	Pass
CC1:20 CC2:10	CC1: 16QAM	CC1:2507.5 CC2:2524.6	CC1: 75@0 CC2: 100@0	35.38	/	Pass
	CC2: 16QAM	CC1:2542.9 CC2:2560	CC1: 75@0 CC2: 100@0	35.17	/	Pass
	CC1: 64QAM	CC1:2507.5 CC2:2524.6	CC1: 75@0 CC2: 100@0	35.37	/	Pass
	CC2: 64QAM	CC1:2542.9 CC2:2560	CC1: 75@0 CC2: 100@0	35.44	/	Pass
	CC1: 256QAM	CC1:2507.5 CC2:2524.6	CC1: 75@0 CC2: 100@0	35.40	/	Pass
	CC2: 256QAM	CC1:2542.9 CC2:2560	CC1: 75@0 CC2: 100@0	35.13	/	Pass
	CC1: QPSK	CC1:2510 CC2:2524.4	CC1: 100@0 CC2: 50@0	30.18	/	Pass
	CC2: QPSK	CC1:2550.6 CC2:2565	CC1: 100@0 CC2: 50@0	30.36	/	Pass
	CC1: 16QAM	CC1:2510 CC2:2524.4	CC1: 100@0 CC2: 50@0	30.44	/	Pass
	CC2: 16QAM	CC1:2550.6 CC2:2565	CC1: 100@0 CC2: 50@0	30.38	/	Pass
	CC1: 64QAM	CC1:2510 CC2:2524.4	CC1: 100@0 CC2: 50@0	30.48	/	Pass
	CC2: 64QAM	CC1:2550.6 CC2:2565	CC1: 100@0 CC2: 50@0	30.51	/	Pass
CC1:20 CC2:15	CC1: 256QAM	CC1:2510 CC2:2524.4	CC1: 100@0 CC2: 50@0	30.42	/	Pass
	CC2: 256QAM	CC1:2550.6 CC2:2565	CC1: 100@0 CC2: 50@0	30.51	/	Pass
	CC1: QPSK	CC1:2510 CC2:2527.1	CC1: 100@0 CC2: 75@0	35.35	/	Pass
	CC2: QPSK	CC1:2545.4 CC2:2562.5	CC1: 100@0 CC2: 75@0	35.31	/	Pass
	CC1: 16QAM	CC1:2510 CC2:2527.1	CC1: 100@0 CC2: 75@0	35.35	/	Pass
	CC2: 16QAM	CC1:2545.4 CC2:2562.5	CC1: 100@0 CC2: 75@0	35.28	/	Pass
	CC1: 64QAM	CC1:2510 CC2:2527.1	CC1: 100@0 CC2: 75@0	35.23	/	Pass
	CC2:					



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	64QAM	CC1:2545.4 CC2:2562.5	CC1: 100@0 CC2: 75@0	35.42	/	Pass
	CC1: 256QAM	CC1:2510 CC2:2527.1	CC1: 100@0 CC2: 75@0	35.36	/	Pass
	CC2: 256QAM	CC1:2545.4 CC2:2562.5	CC1: 100@0 CC2: 75@0	35.25	/	Pass
CC1:20 CC2:20	CC1: QPSK	CC1:2510 CC2:2529.8	CC1: 100@0 CC2: 100@0	40.53	/	Pass
	CC2: QPSK	CC1:2540.2 CC2:2560	CC1: 100@0 CC2: 100@0	40.27	/	Pass
	CC1: 16QAM	CC1:2510 CC2:2529.8	CC1: 100@0 CC2: 100@0	40.29	/	Pass
	CC2: 16QAM	CC1:2540.2 CC2:2560	CC1: 100@0 CC2: 100@0	40.28	/	Pass
	CC1: 64QAM	CC1:2510 CC2:2529.8	CC1: 100@0 CC2: 100@0	40.31	/	Pass
	CC2: 64QAM	CC1:2540.2 CC2:2560	CC1: 100@0 CC2: 100@0	40.19	/	Pass
	CC1: 256QAM	CC1:2510 CC2:2529.8	CC1: 100@0 CC2: 100@0	40.30	/	Pass
	CC2: 256QAM	CC1:2540.2 CC2:2560	CC1: 100@0 CC2: 100@0	40.30	/	Pass



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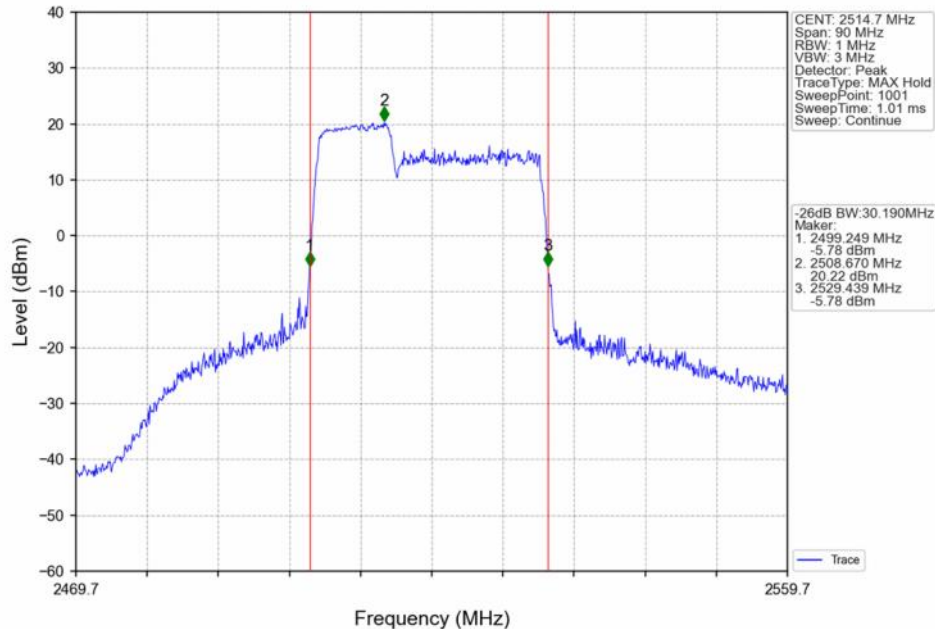
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2.2.2 Test Graph

CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2505 CC2:2519.4MHz_CC1: 50@0 CC2: 100@0



CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2545.6 CC2:2560MHz_CC1: 50@0 CC2: 100@0



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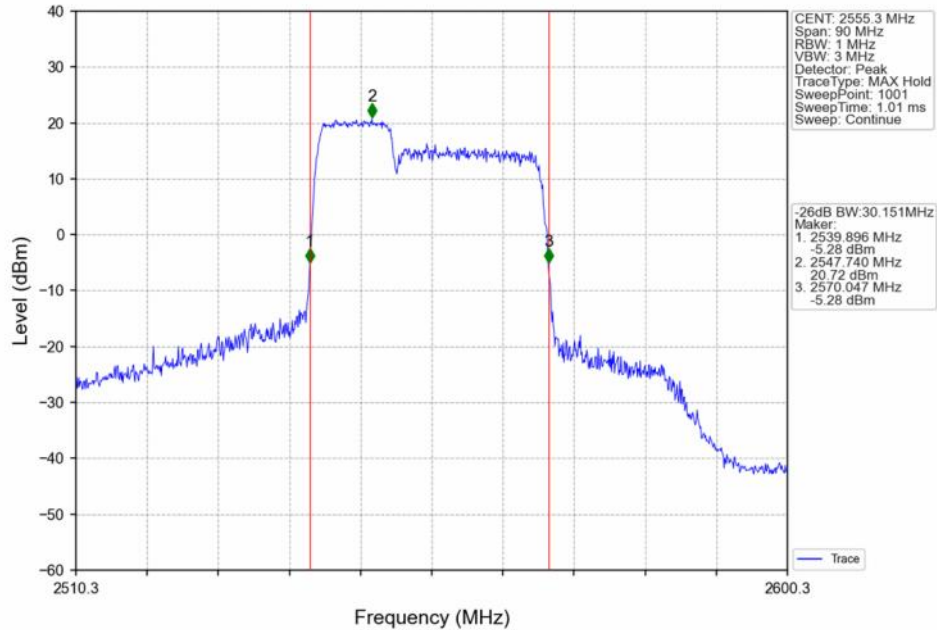
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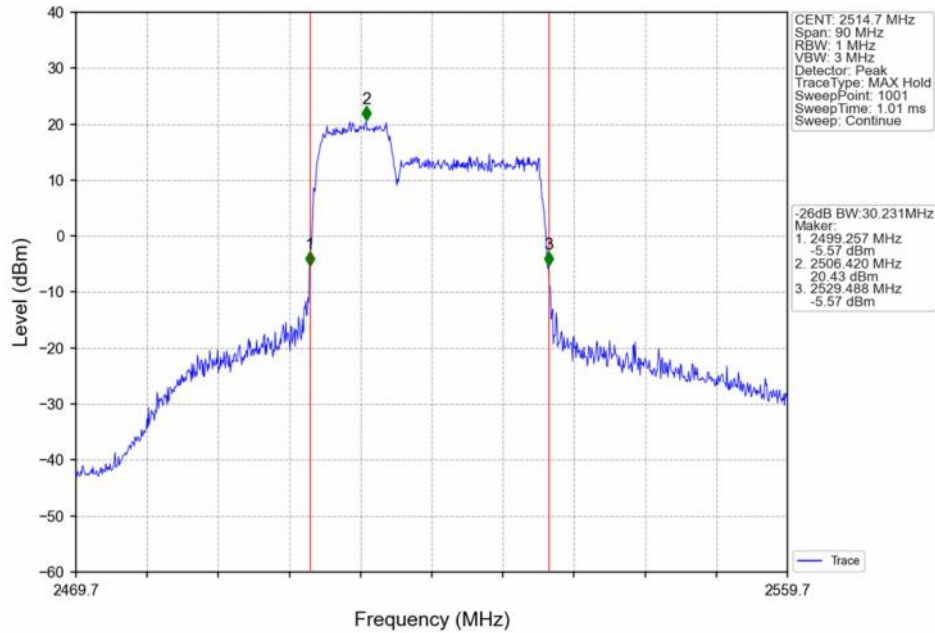
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CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2505 CC2:2519.4MHz_CC1: 50@0 CC2: 100@0



CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2545.6 CC2:2560MHz_CC1: 50@0 CC2: 100@0



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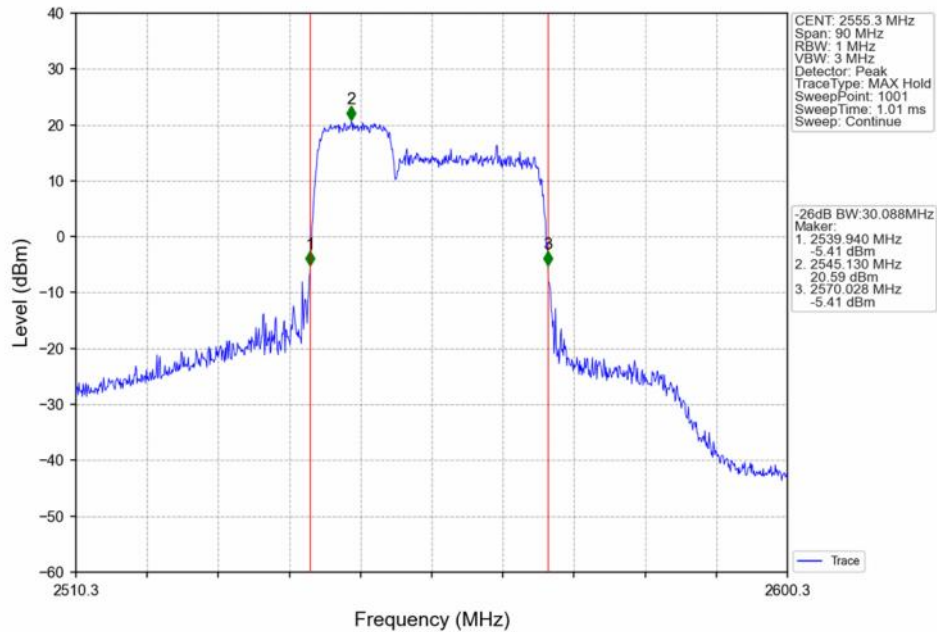
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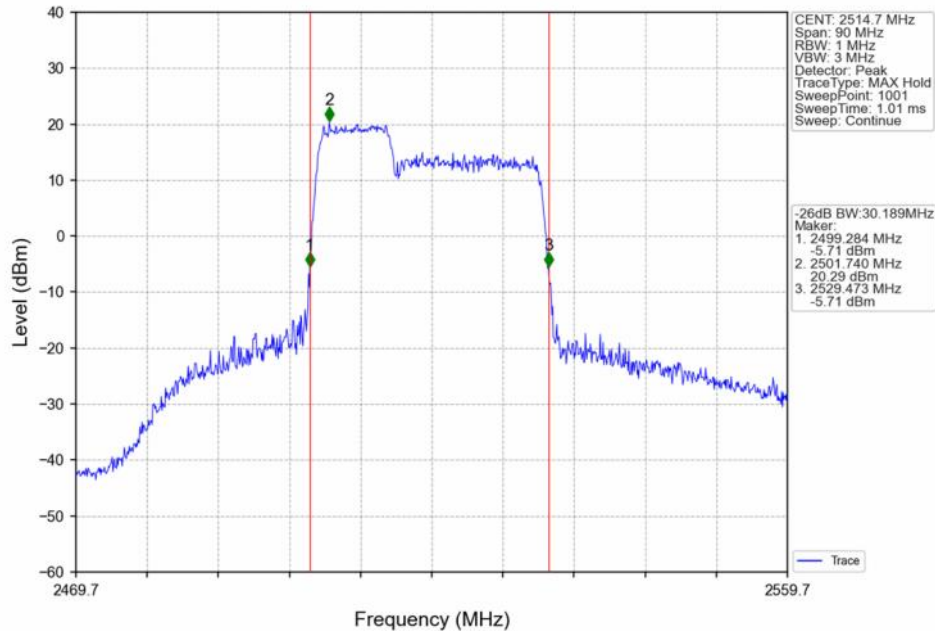
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CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2545.6 CC2:2560MHz_CC1: 50@0 CC2: 100@0



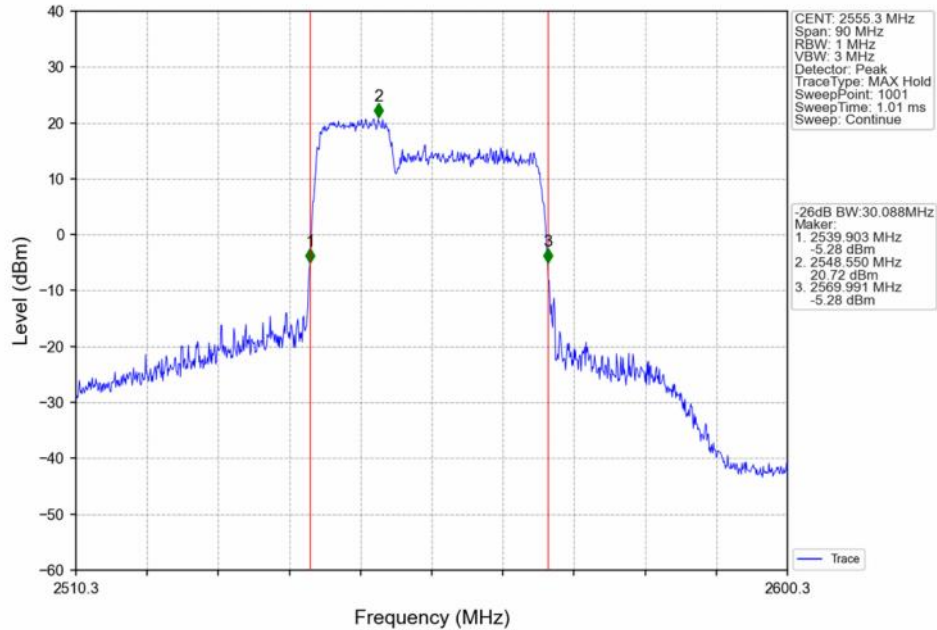
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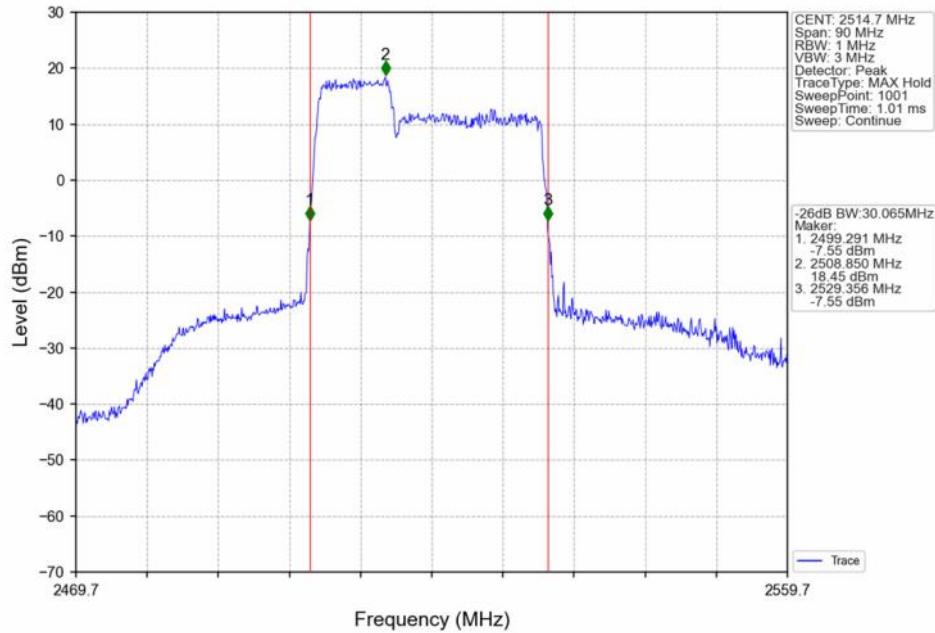
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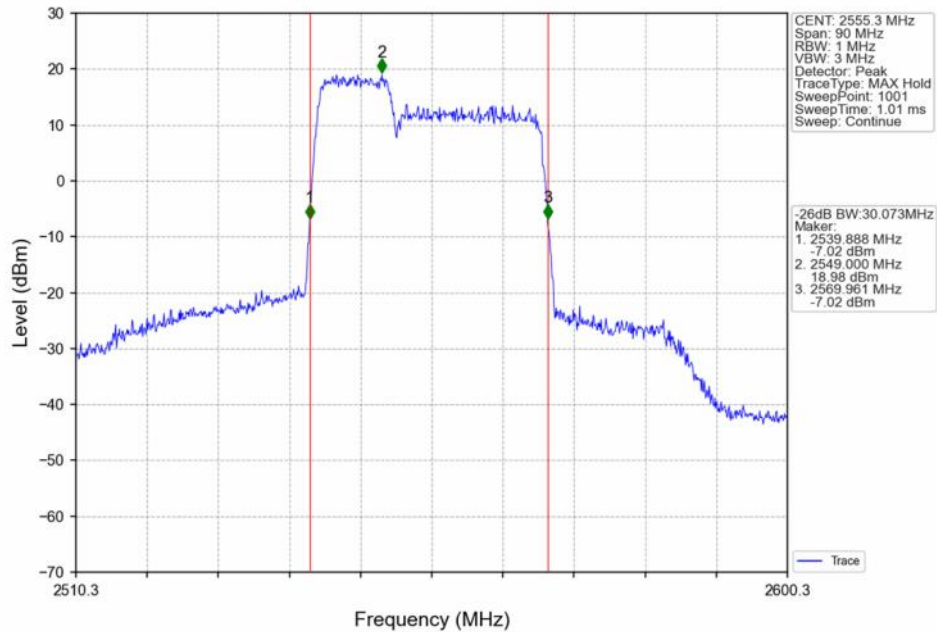
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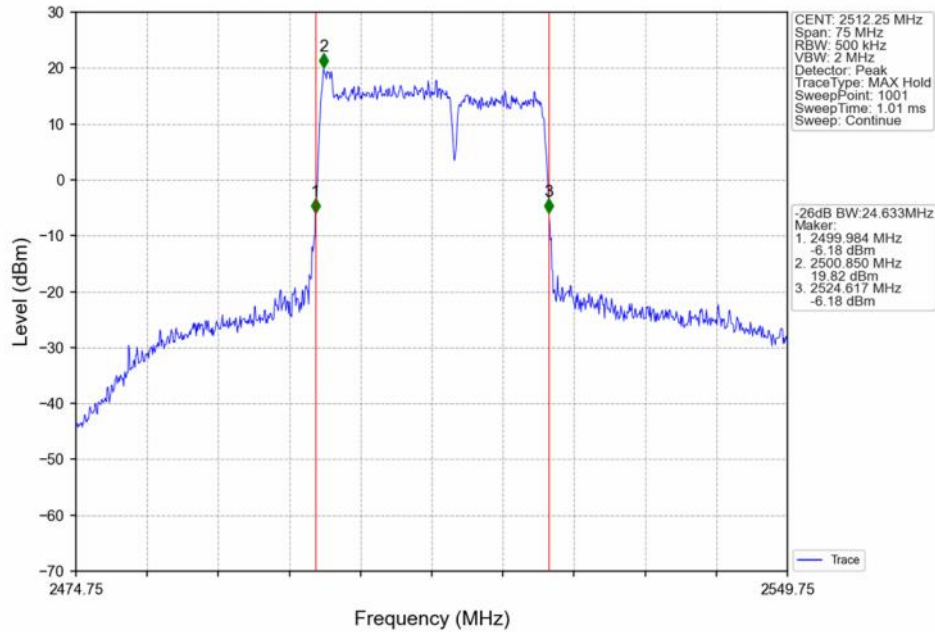
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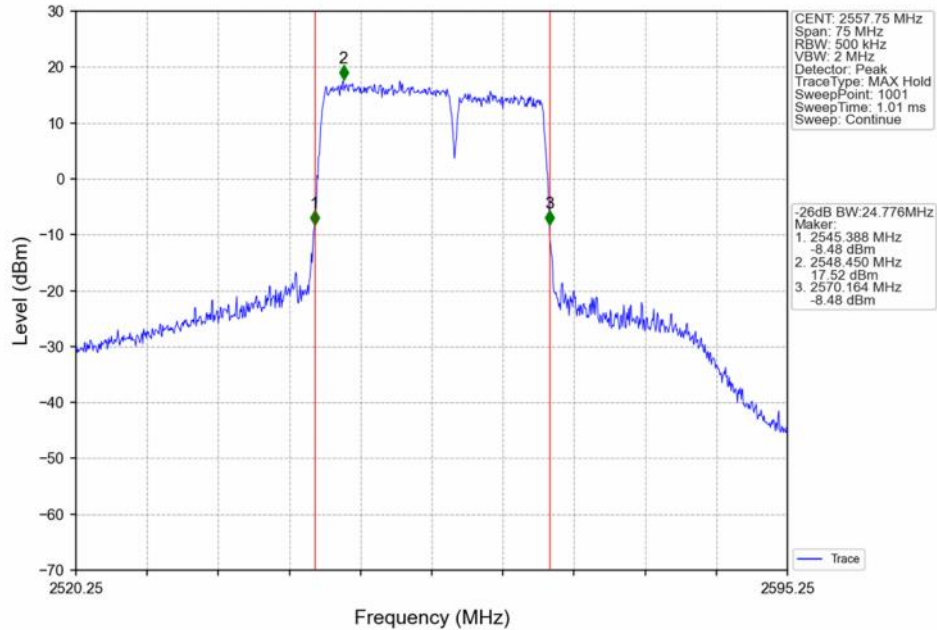
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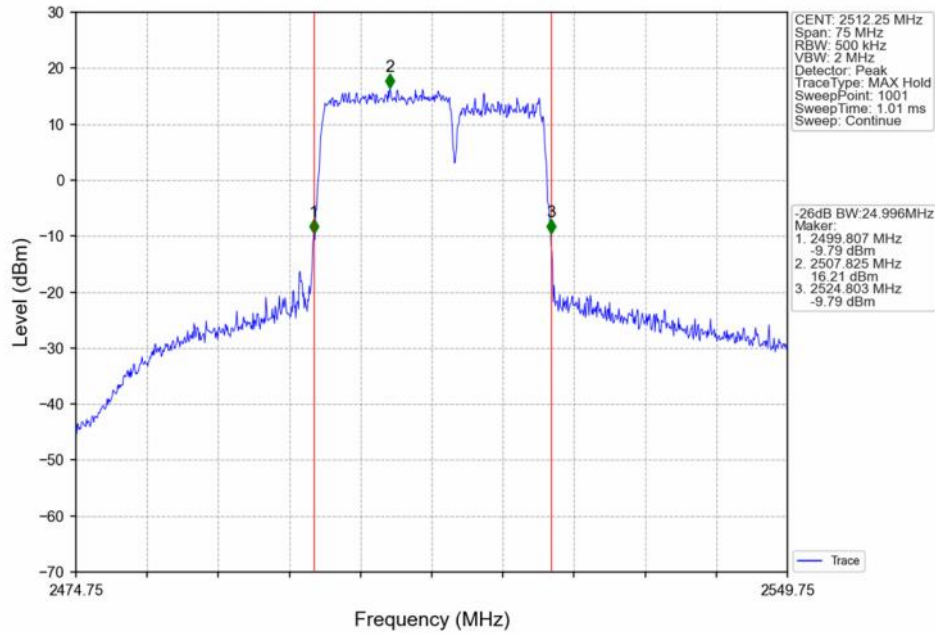
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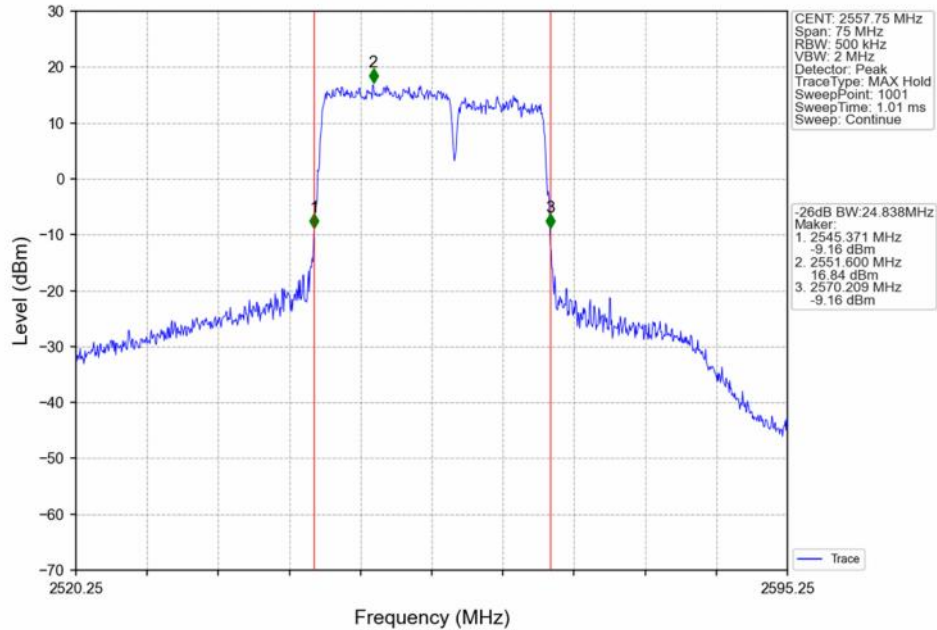
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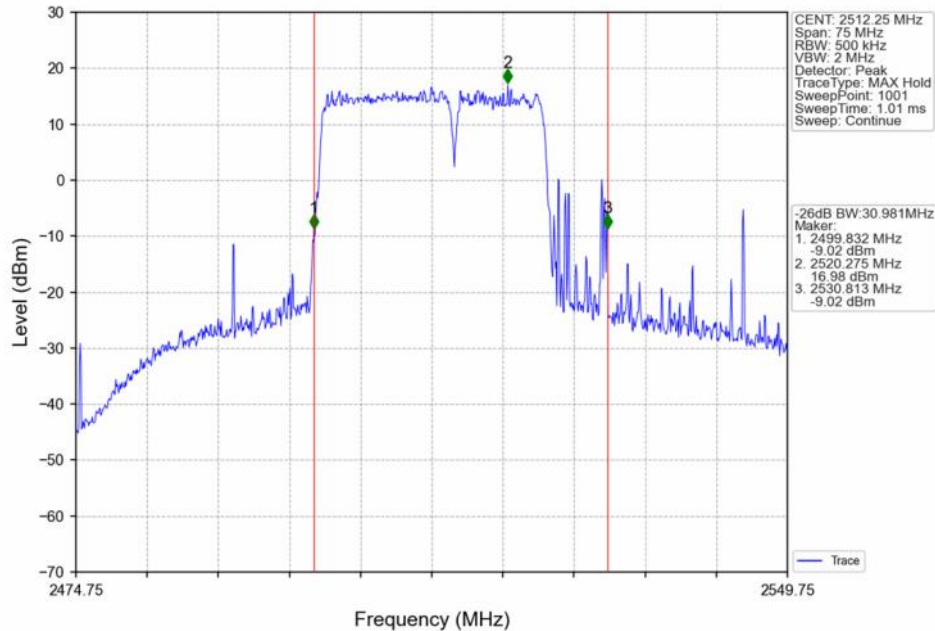
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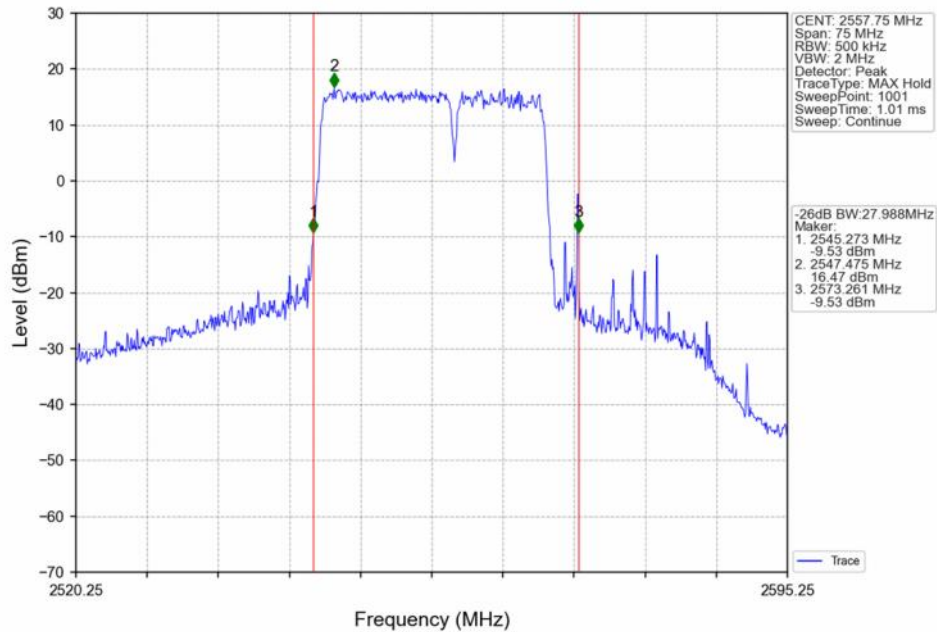
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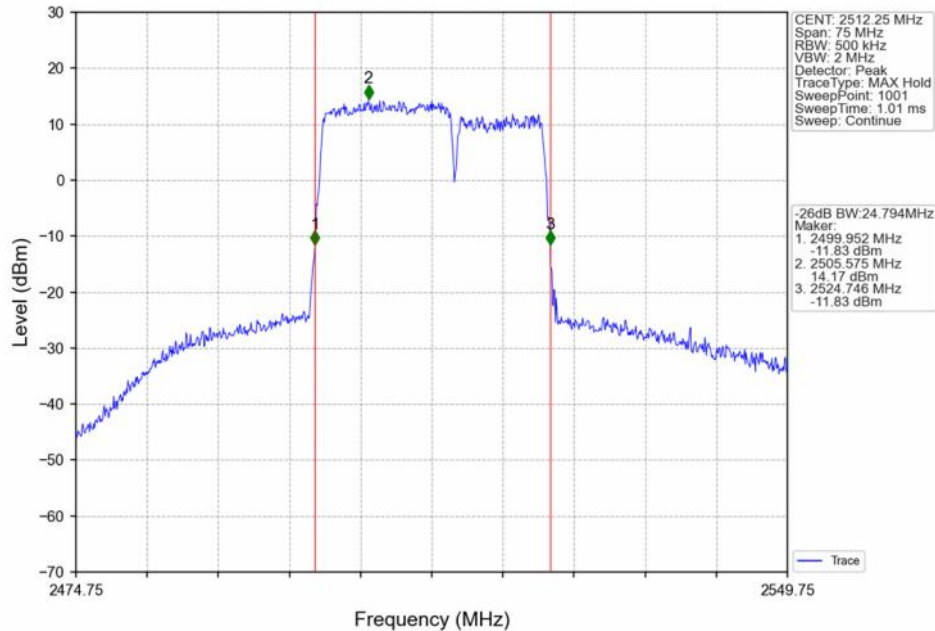
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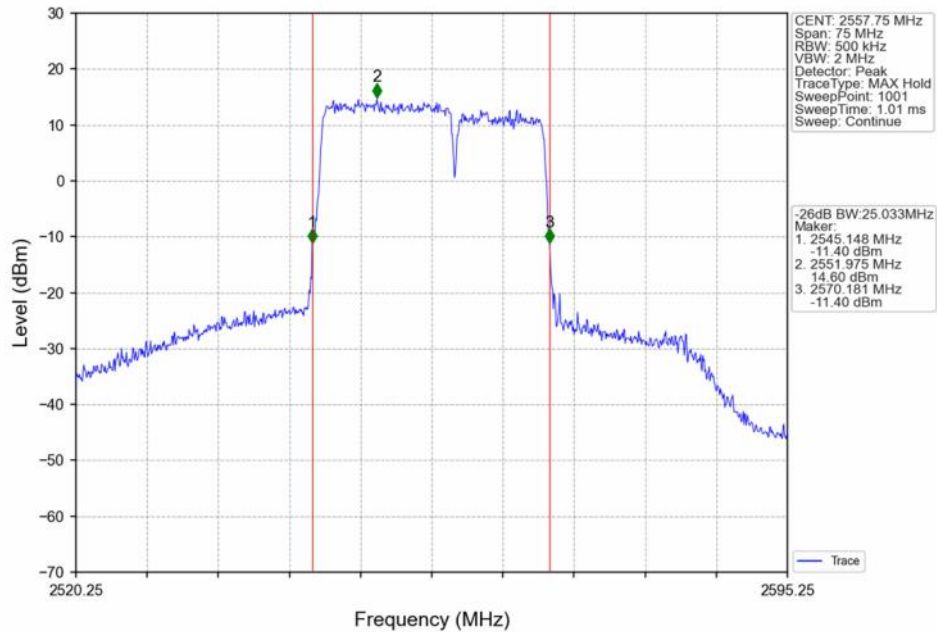
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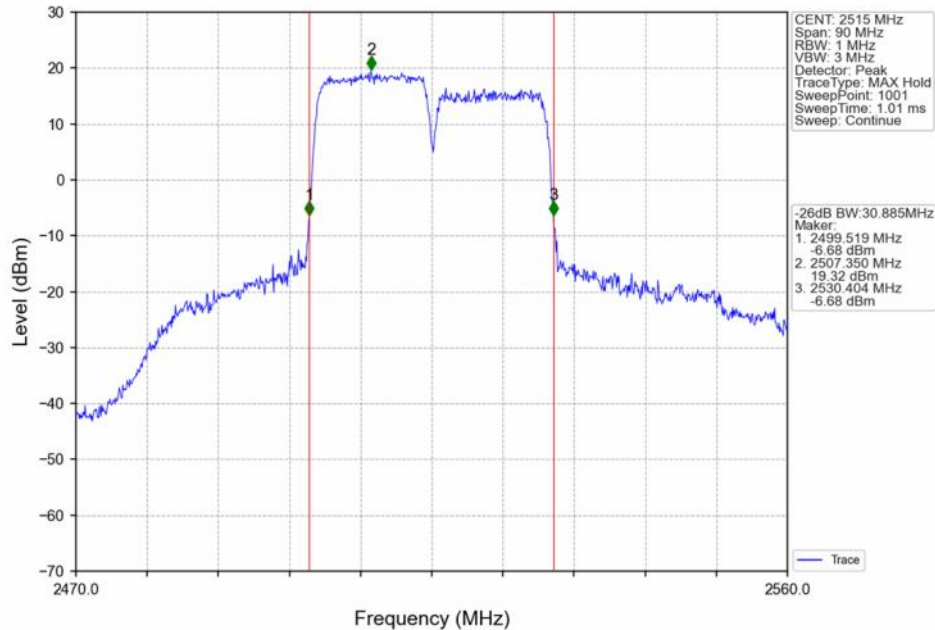
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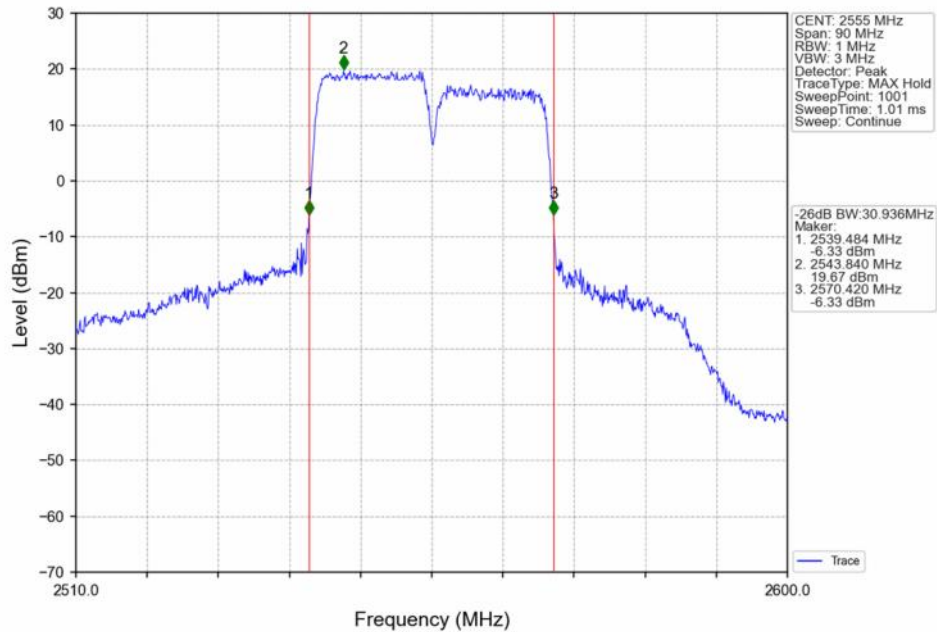
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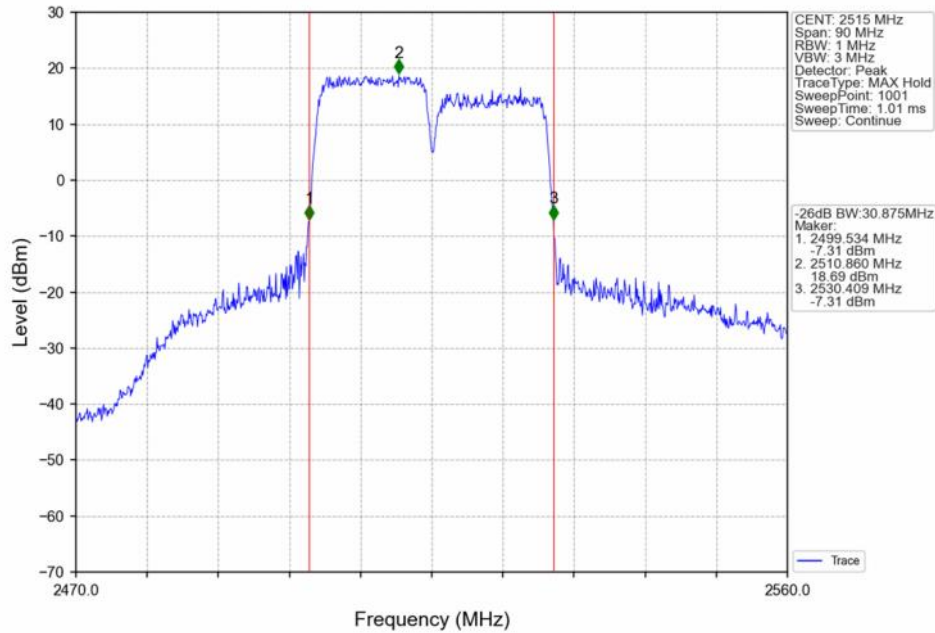
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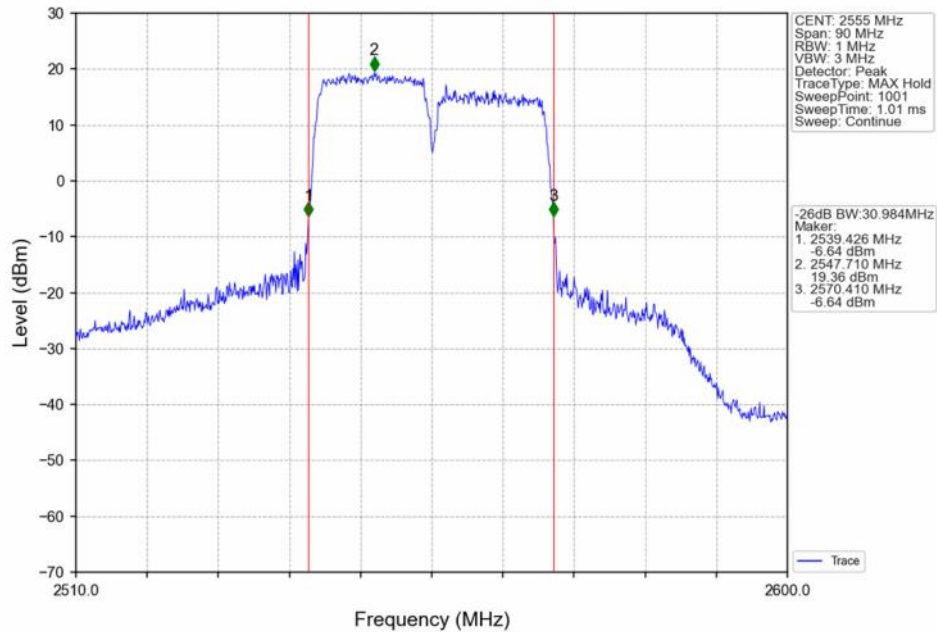
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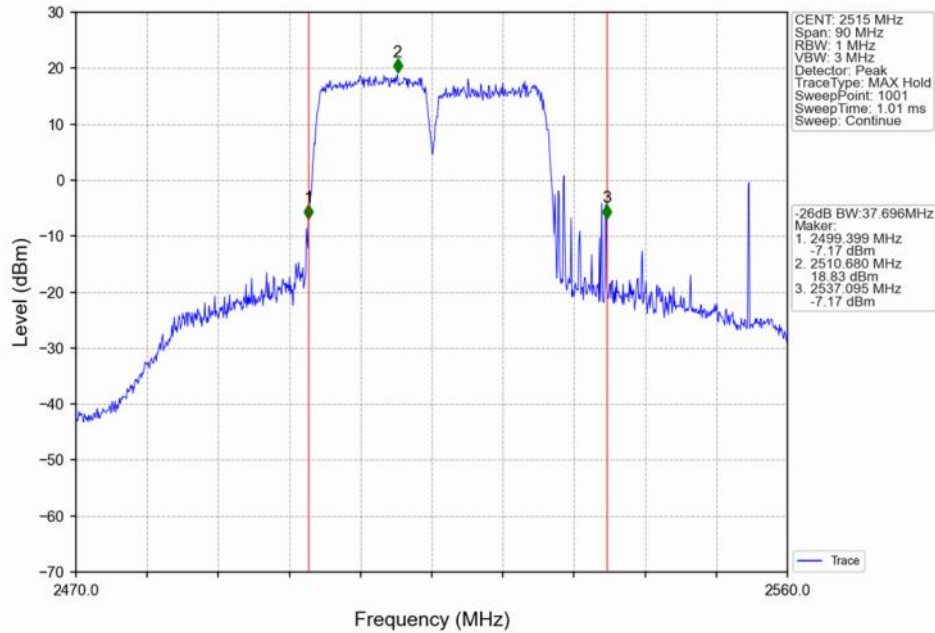
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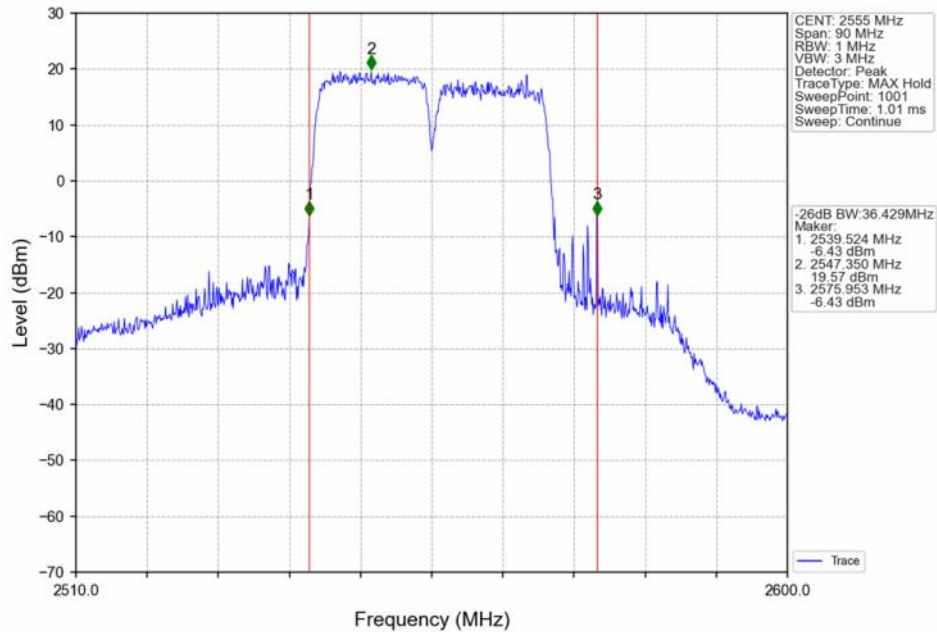
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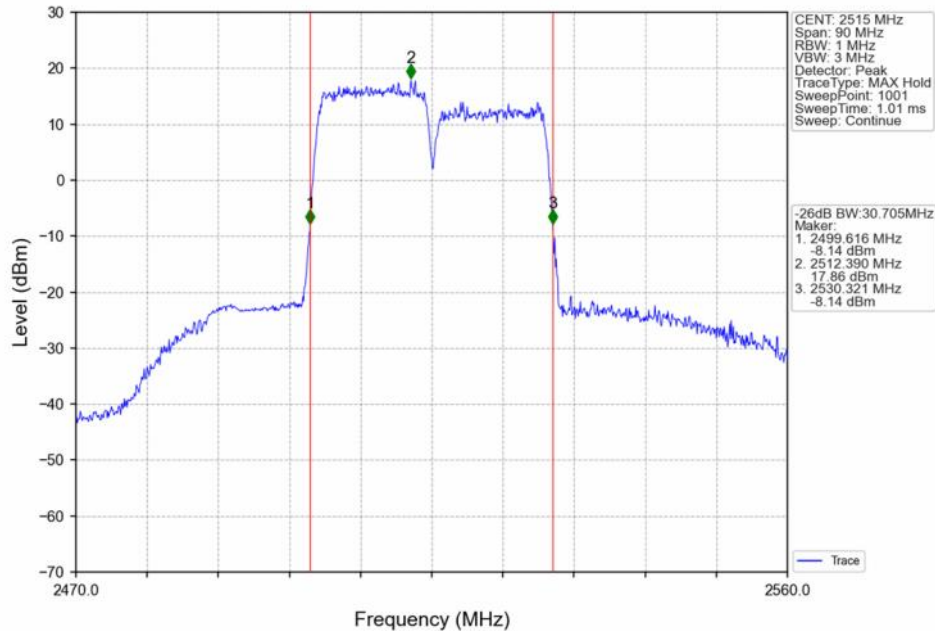
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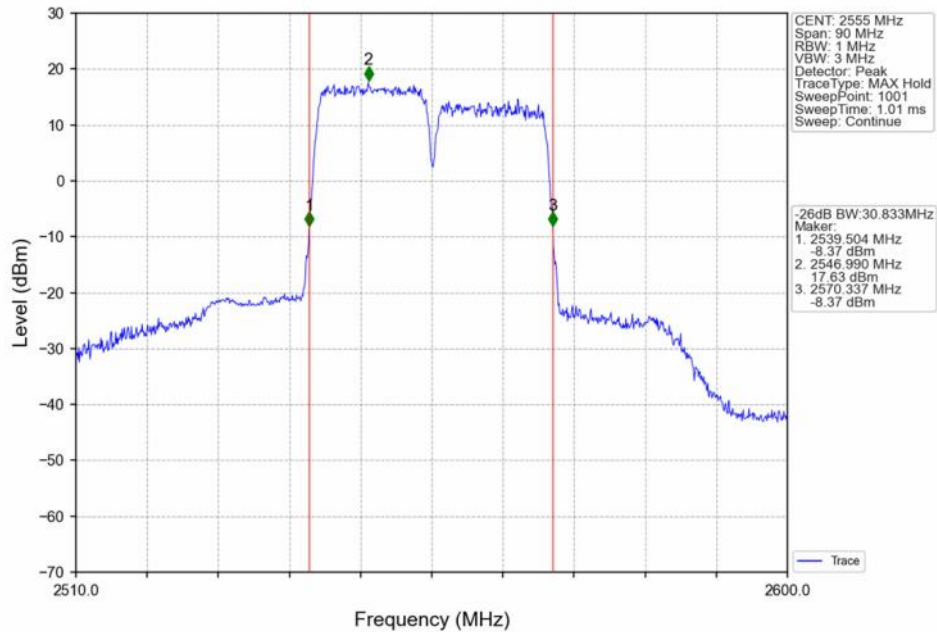
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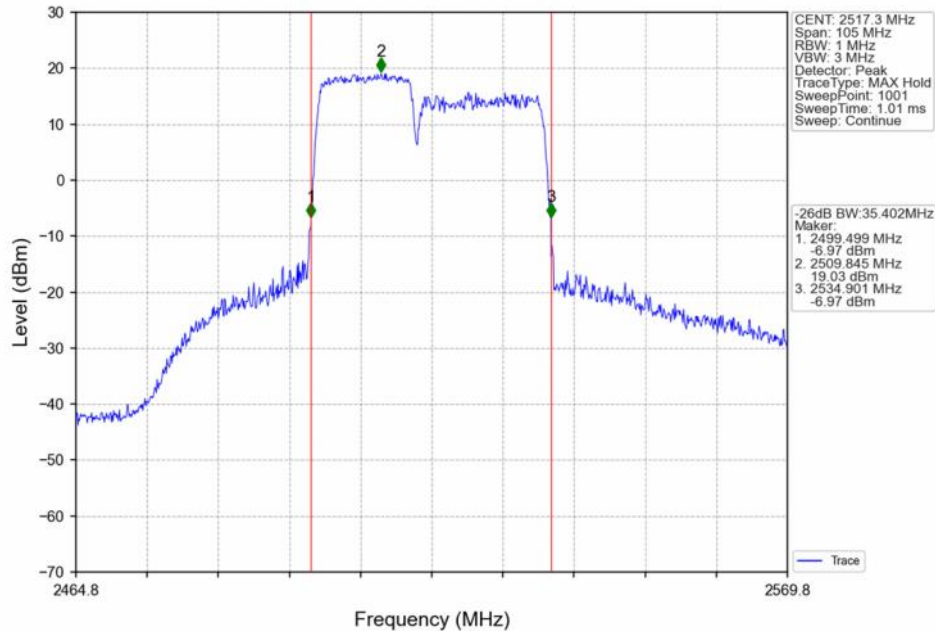
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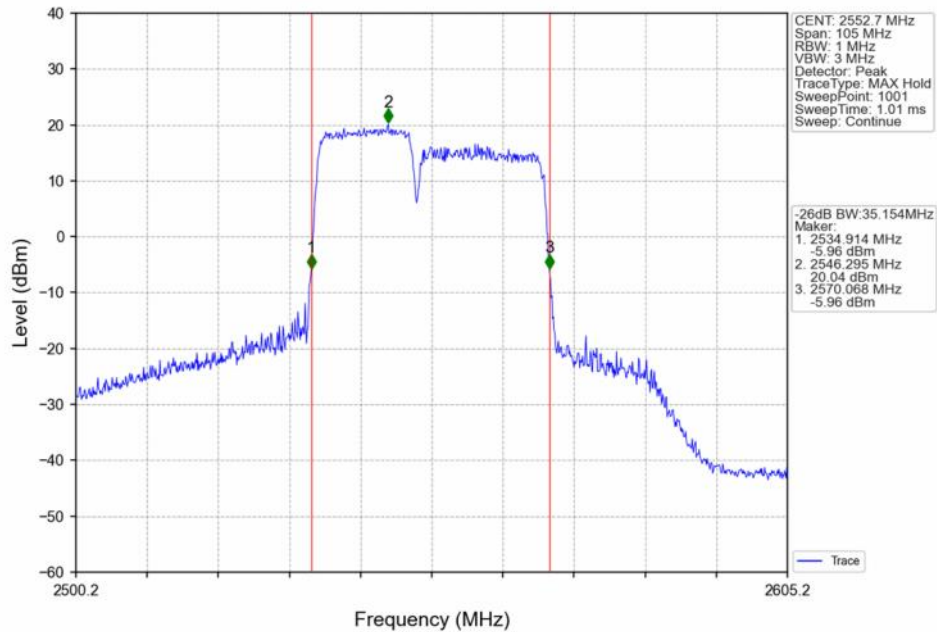
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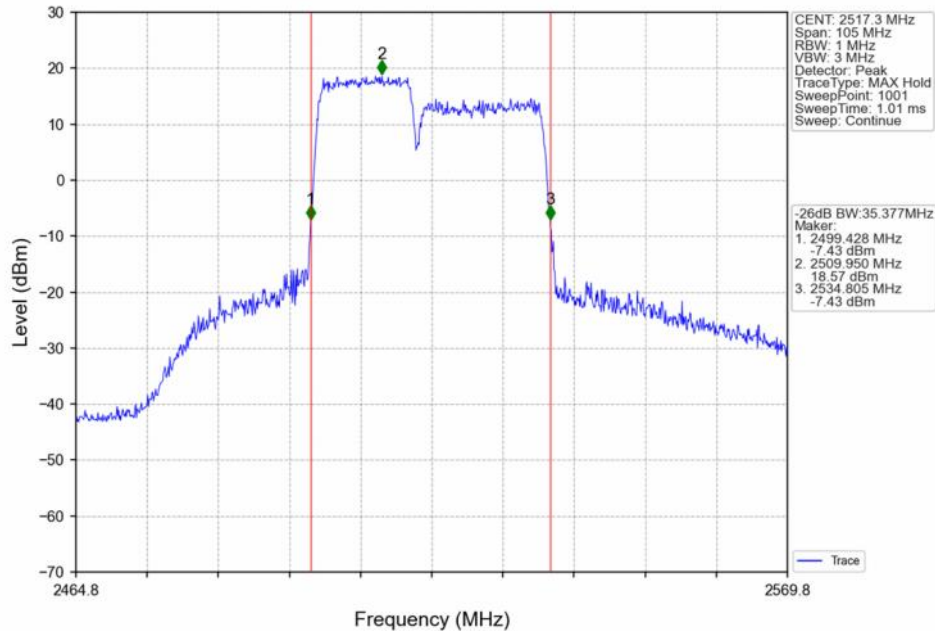
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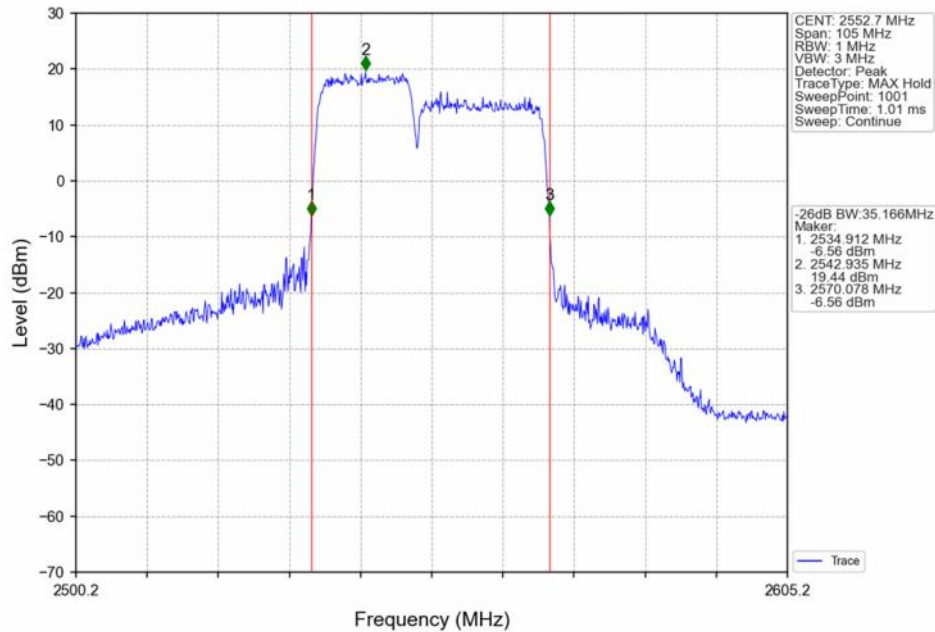
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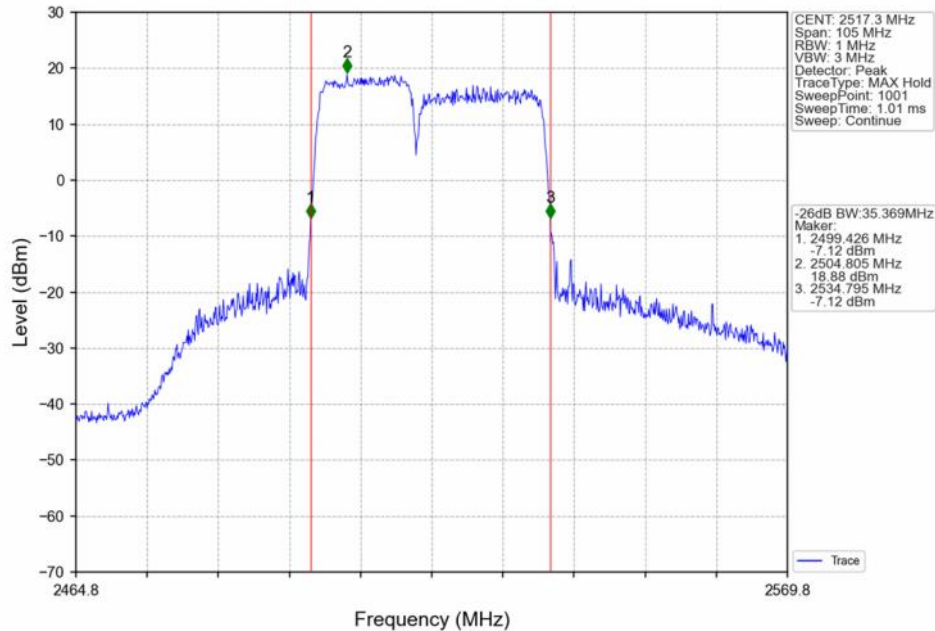
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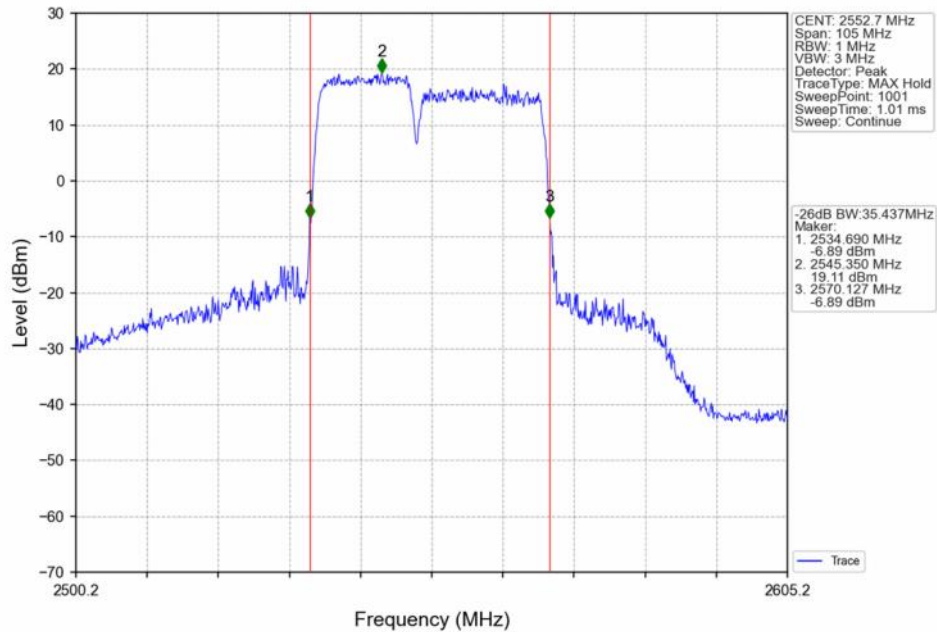
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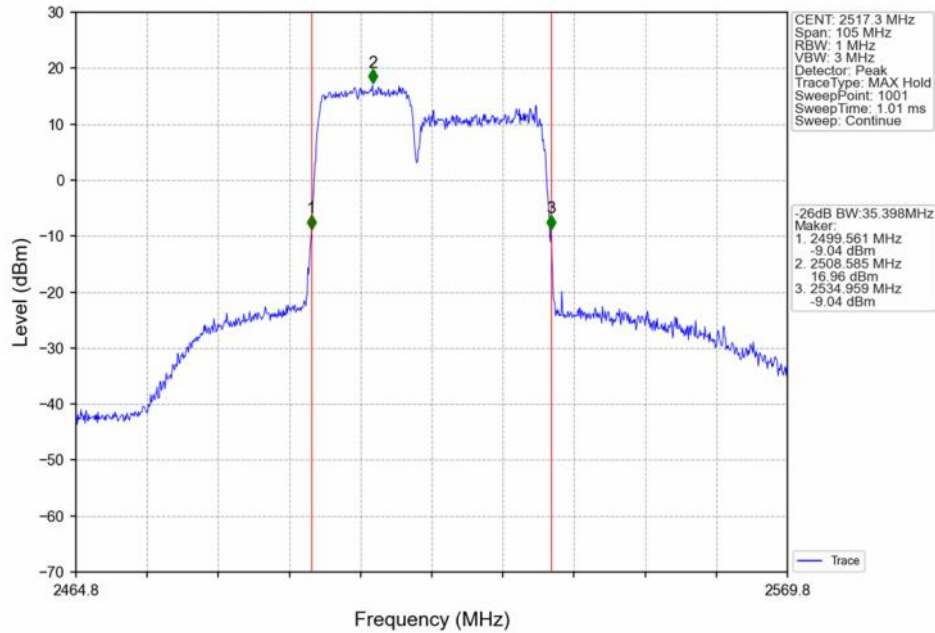
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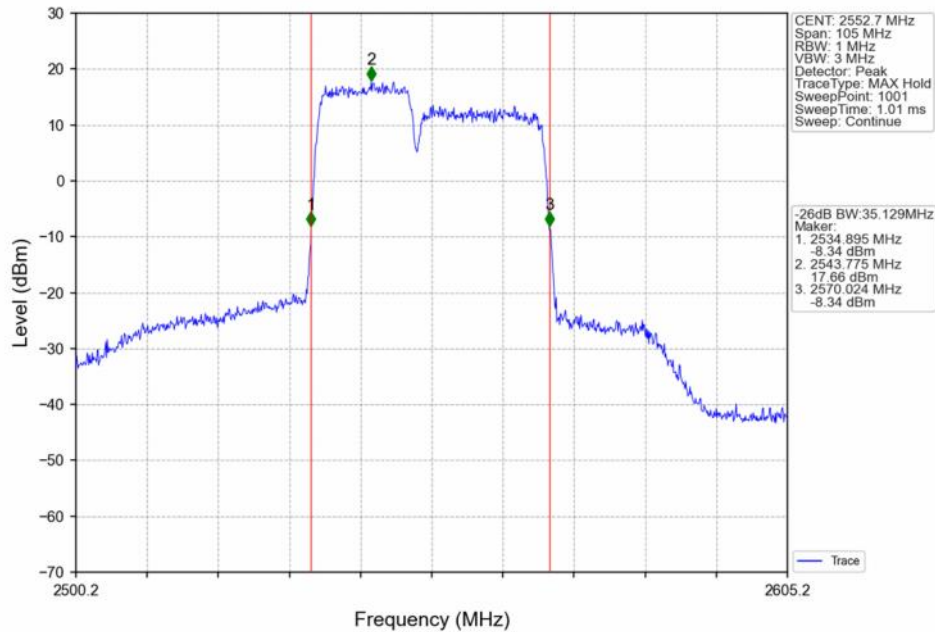
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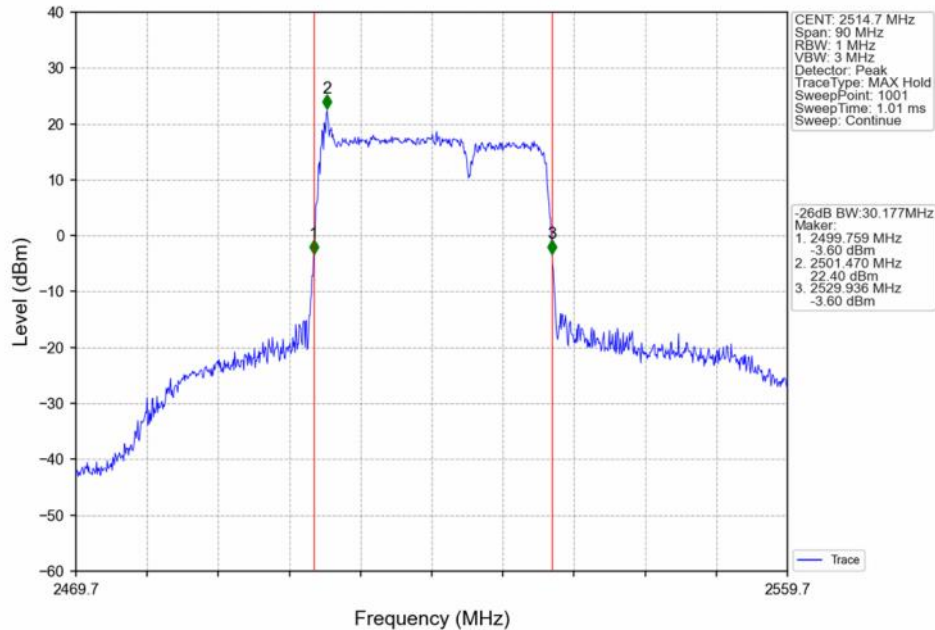
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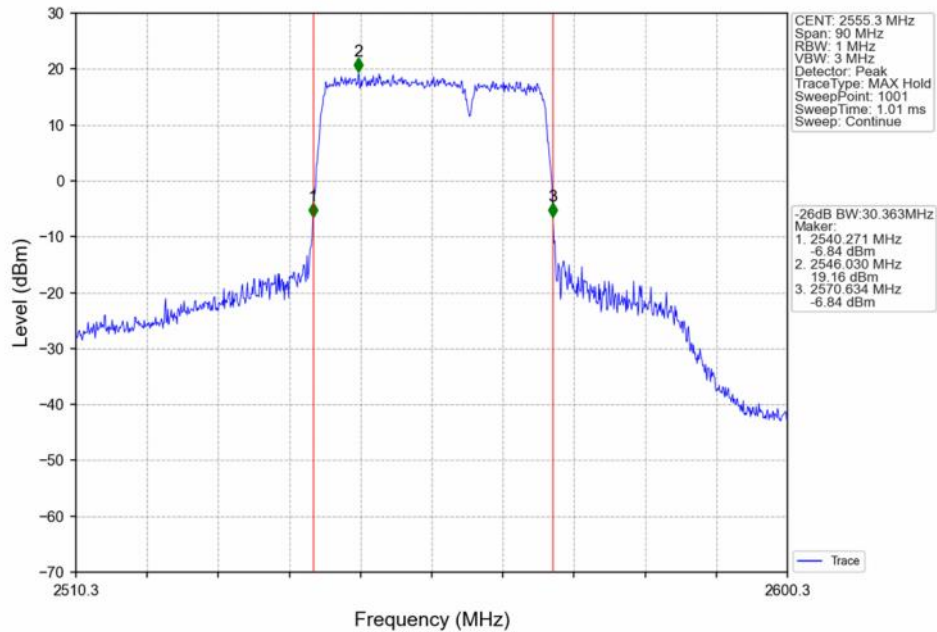
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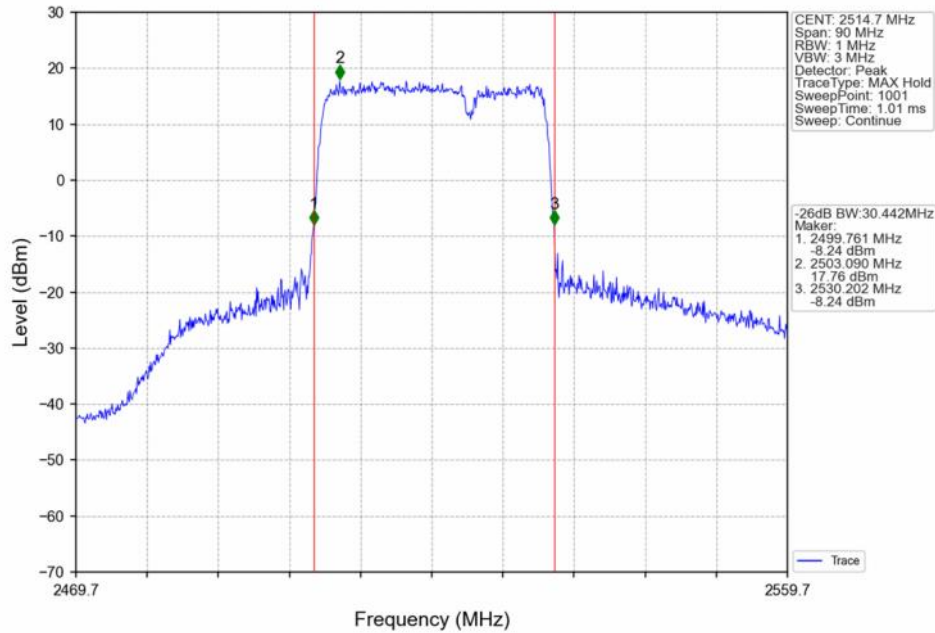
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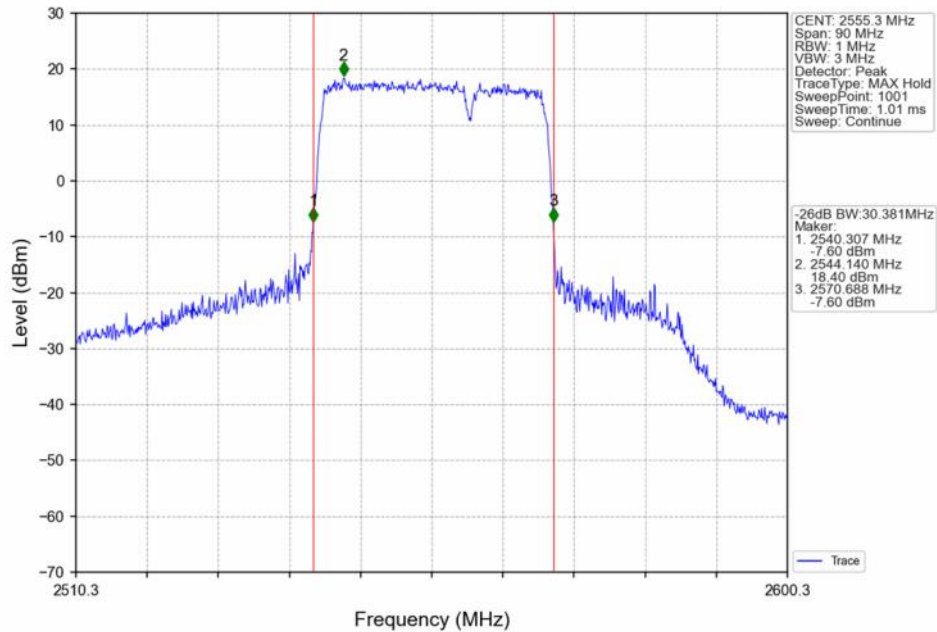
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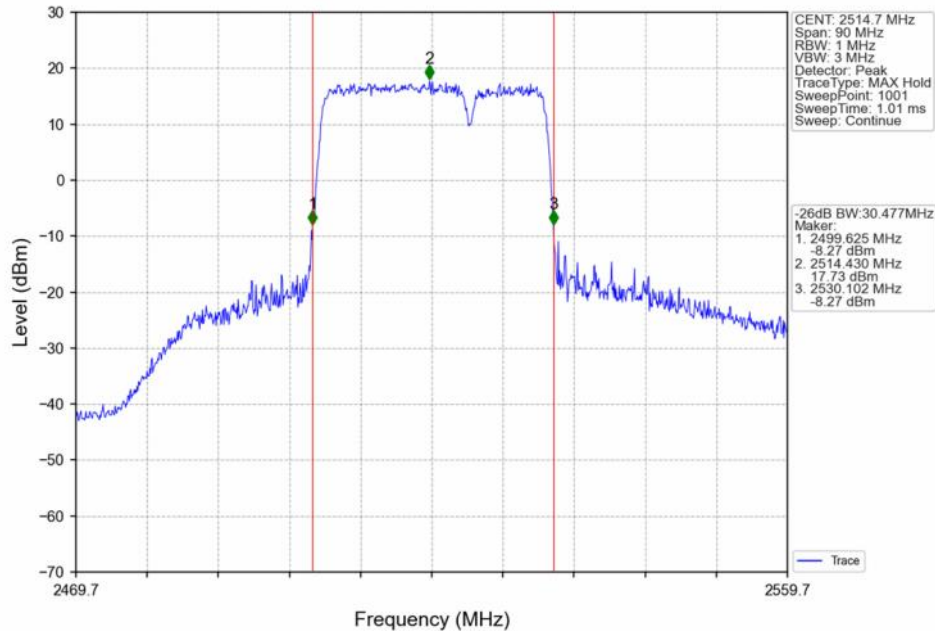
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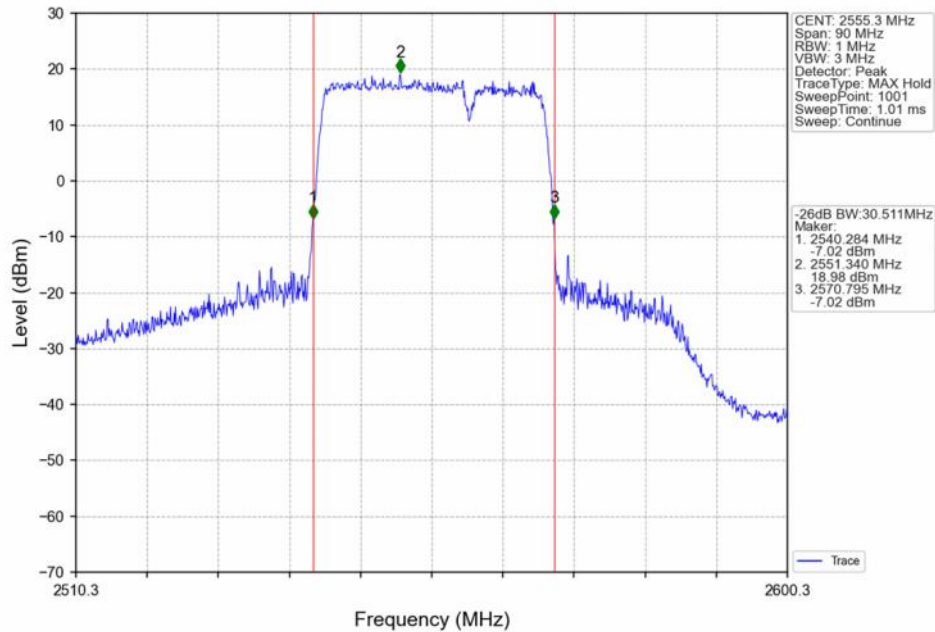
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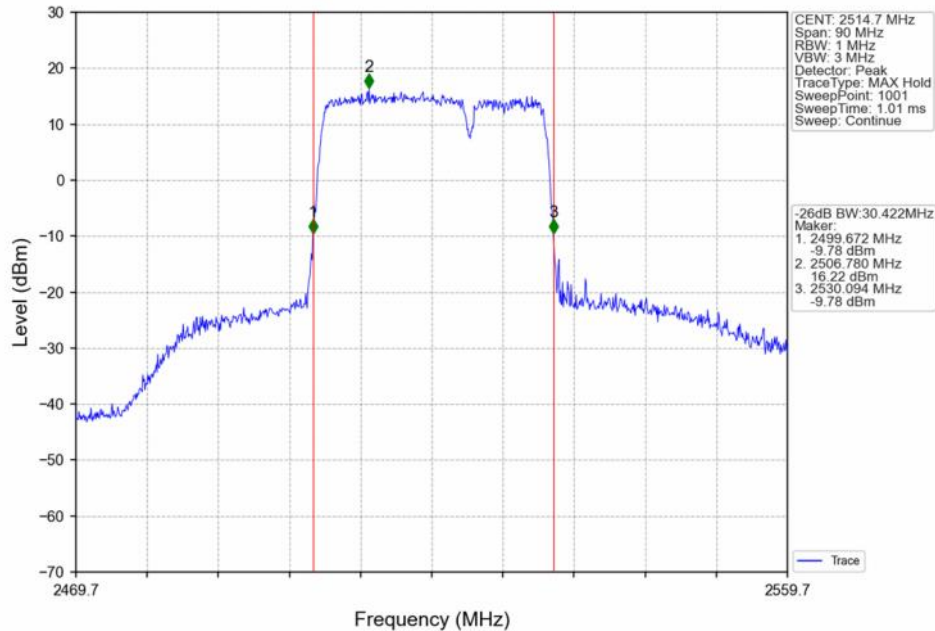
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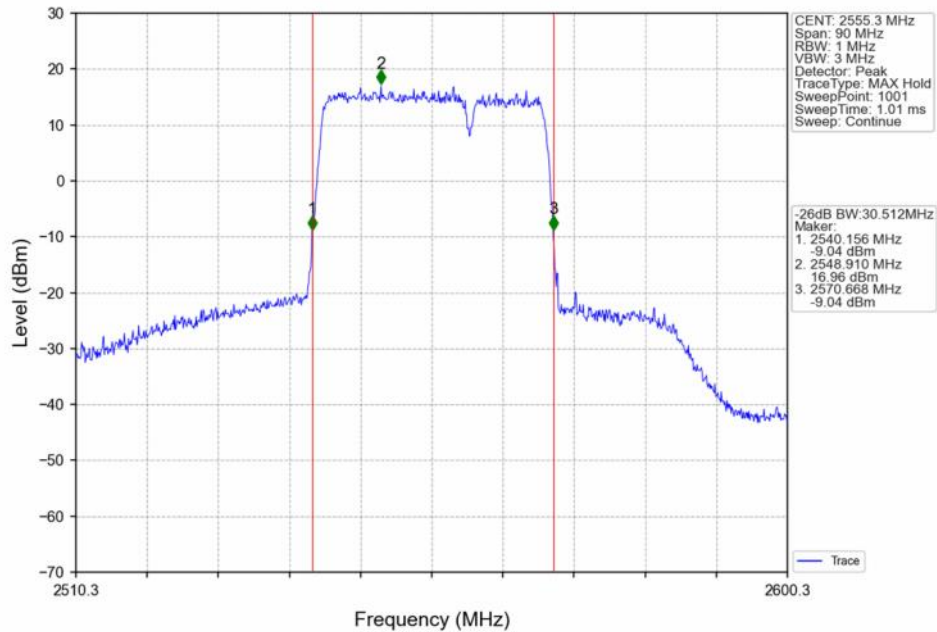
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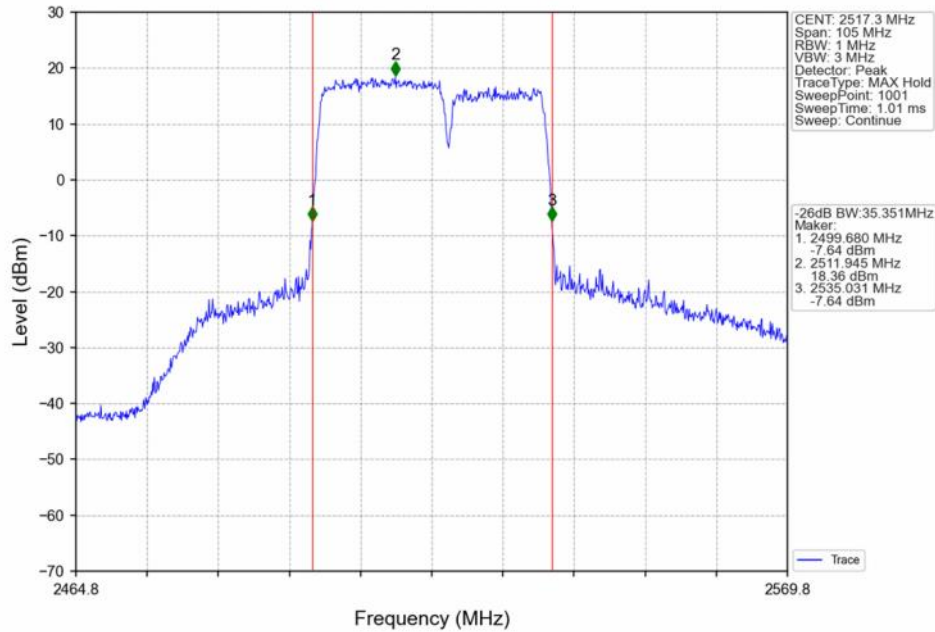
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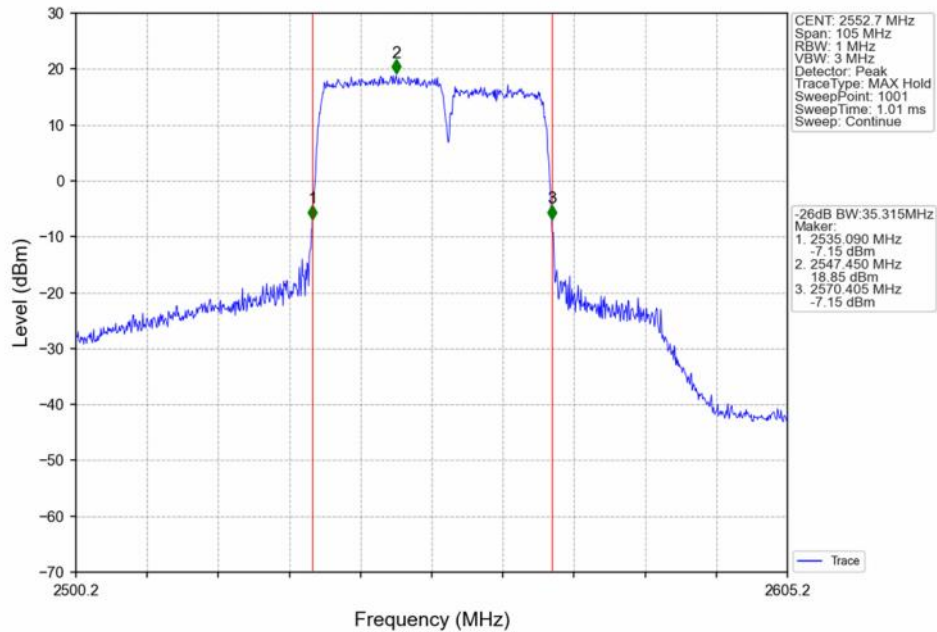
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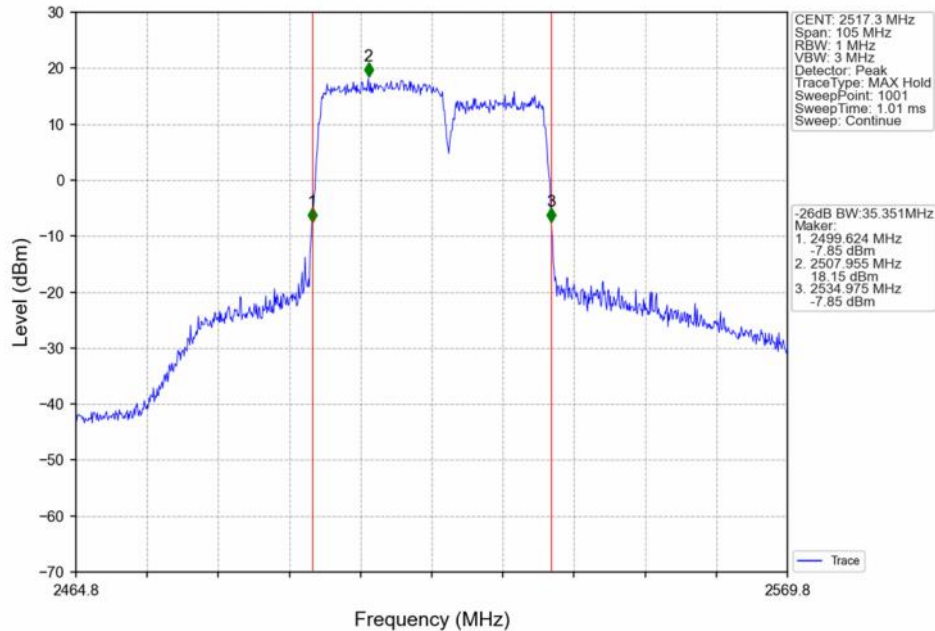
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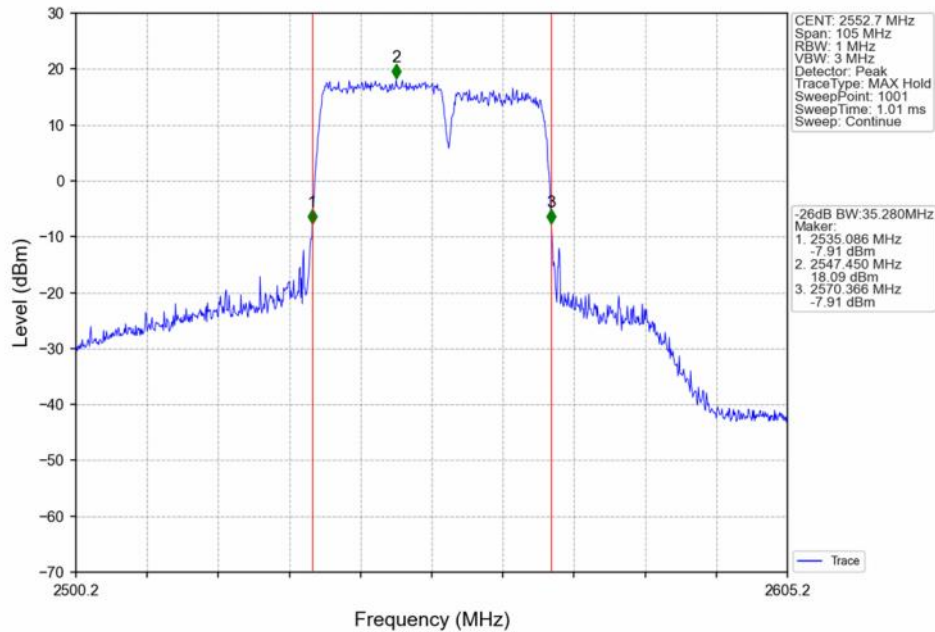
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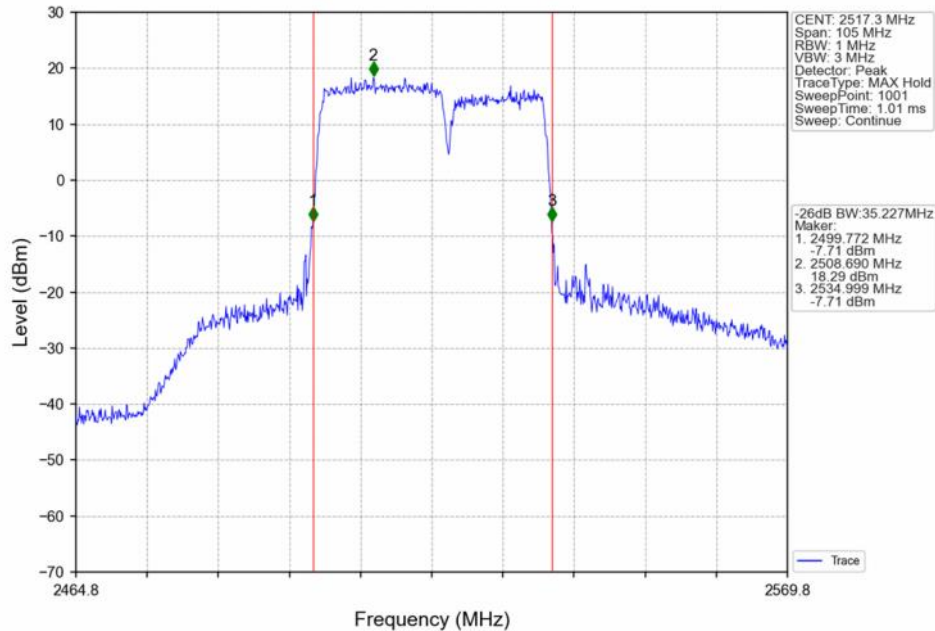
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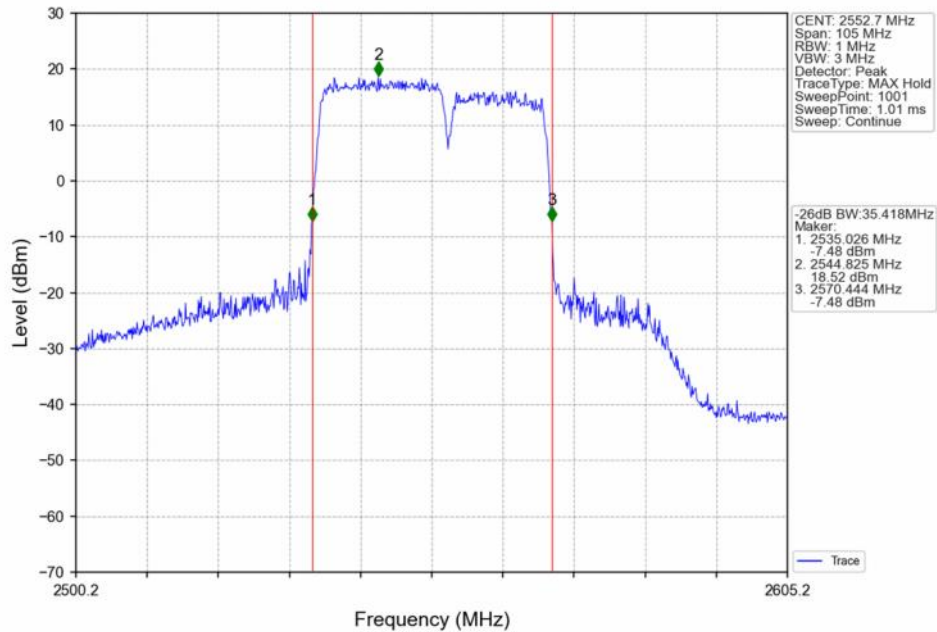
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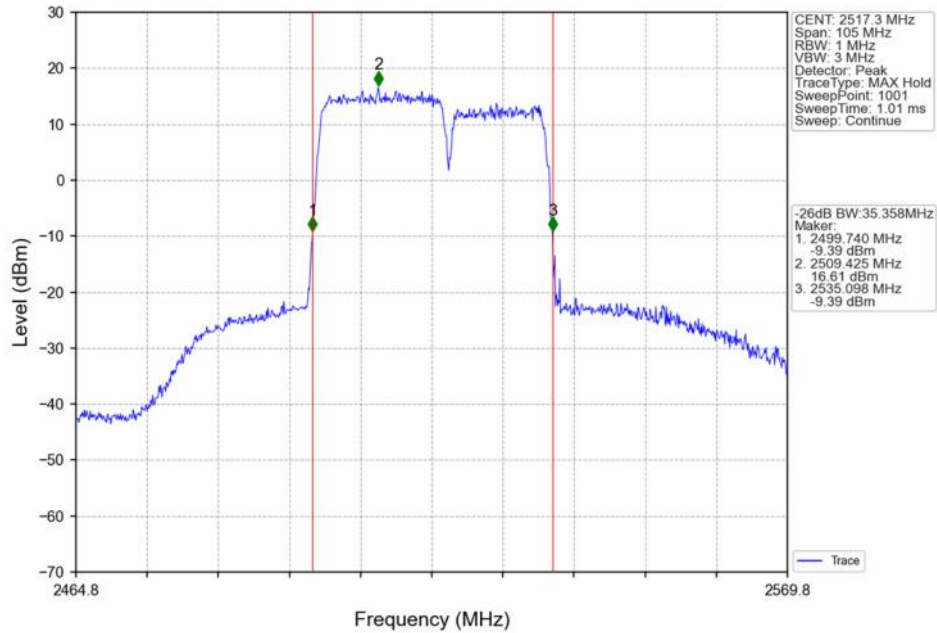
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CA_7C_SISO_NTNV_CC1:20 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2545.4 CC2:2562.5MHz_CC1: 100@0 CC2: 75@0



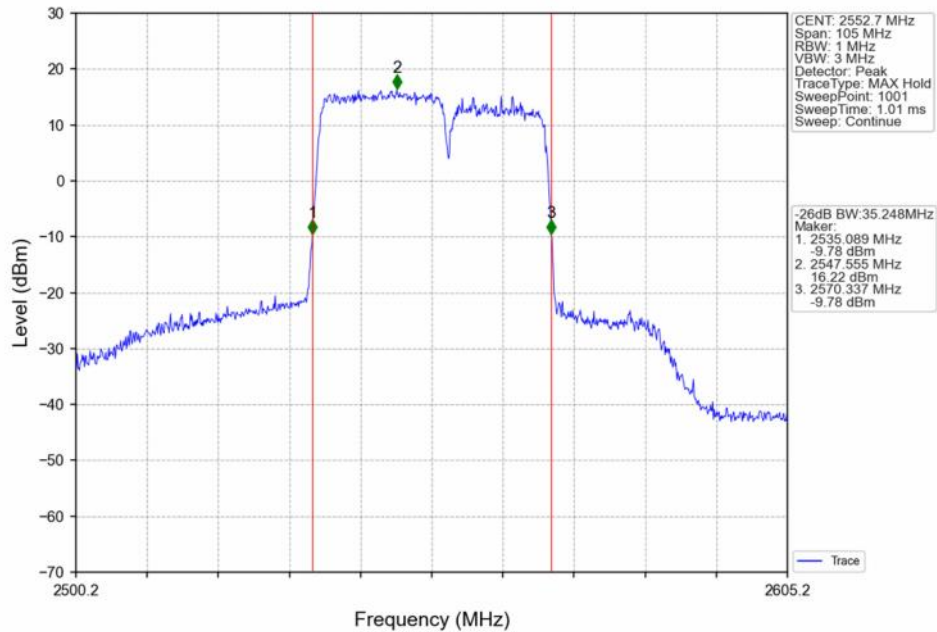
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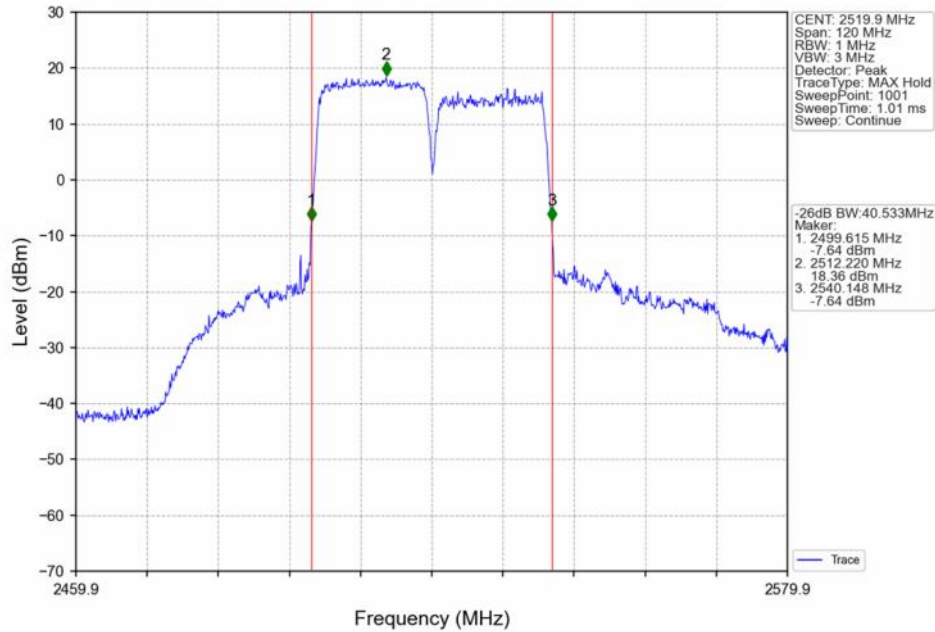
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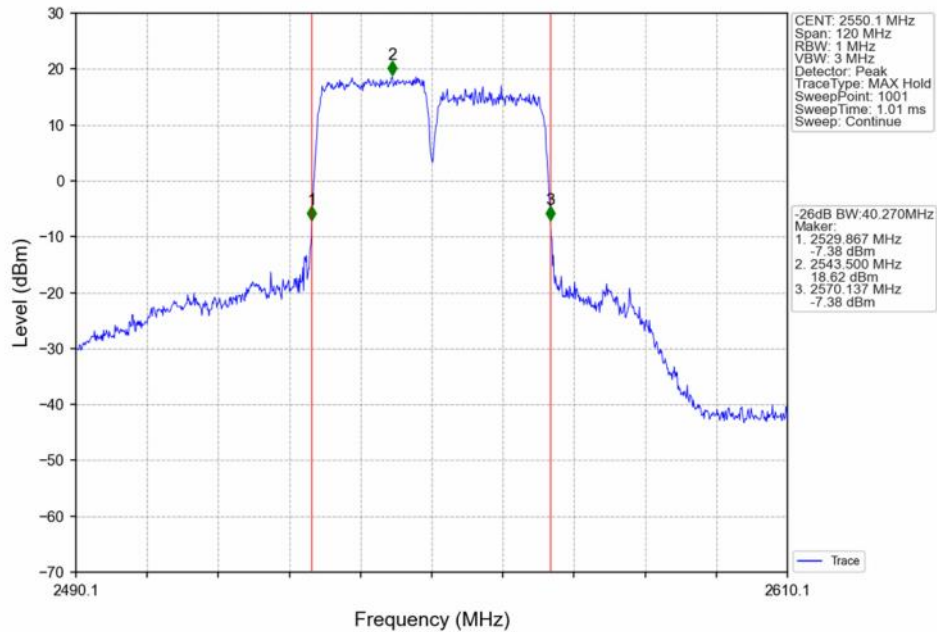
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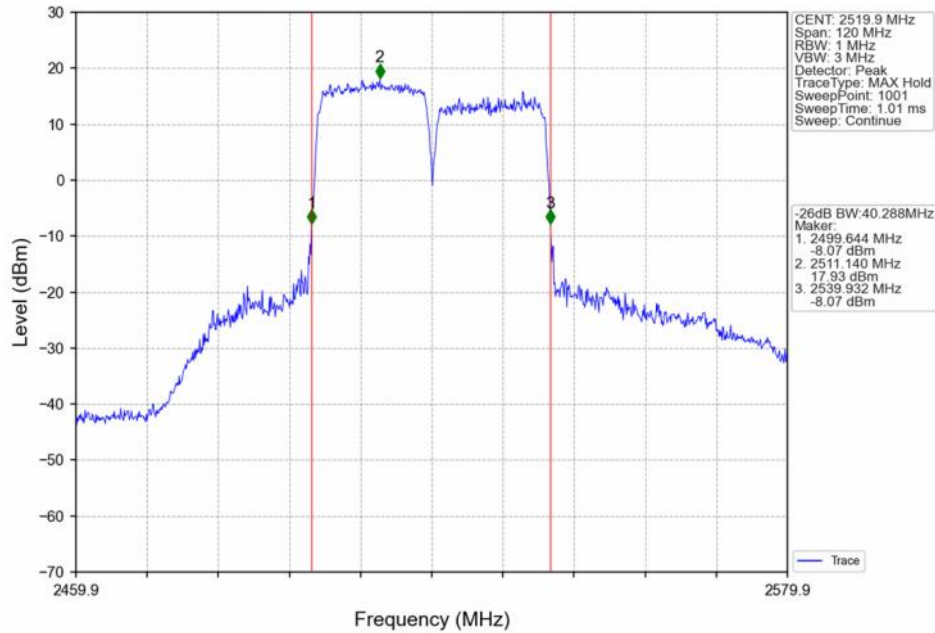
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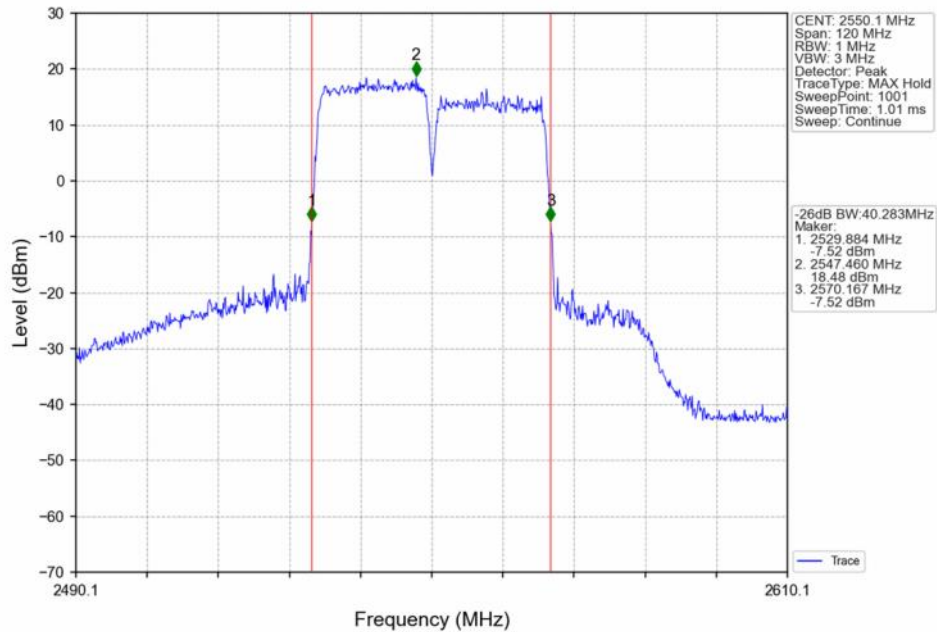
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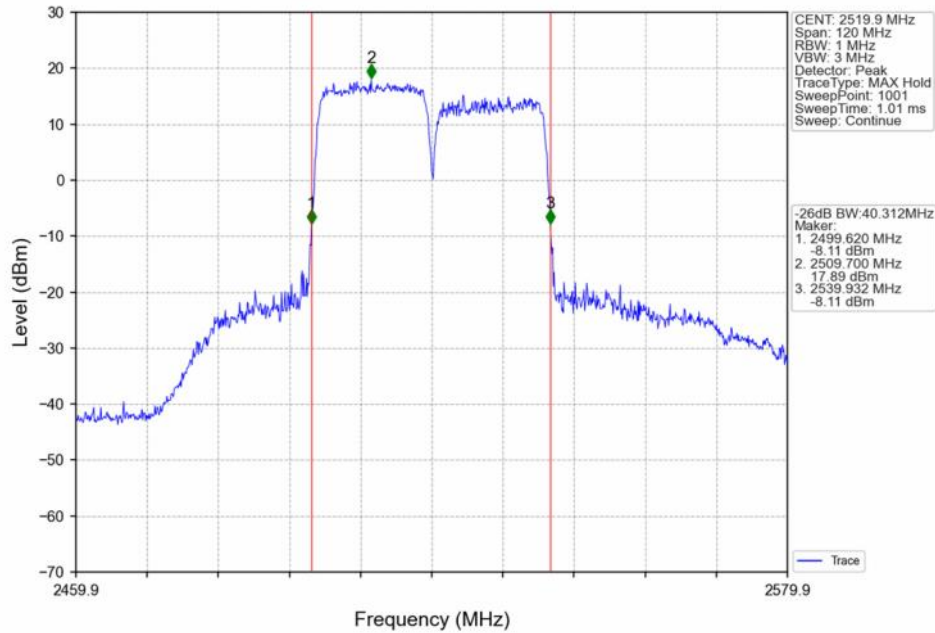
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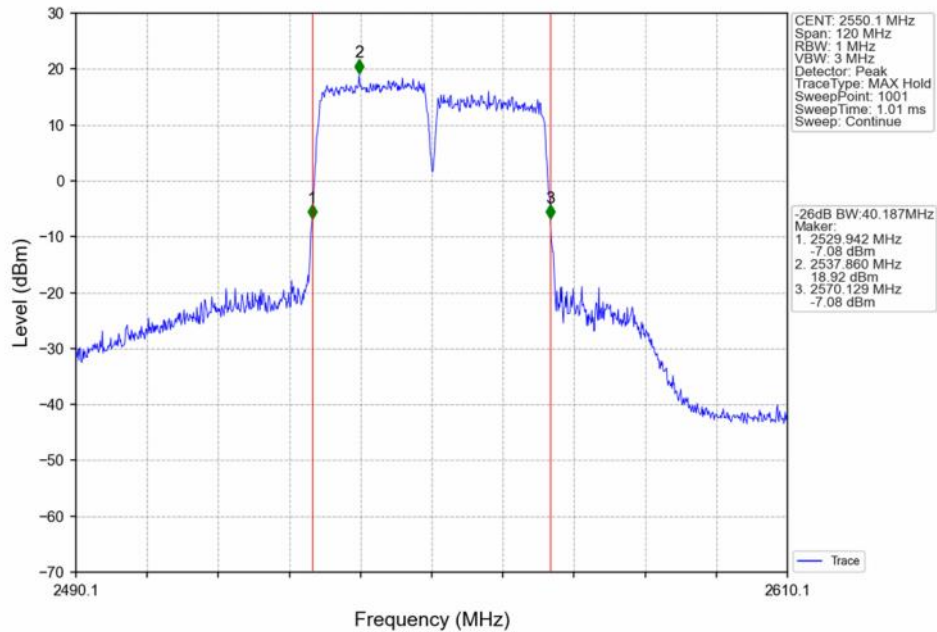
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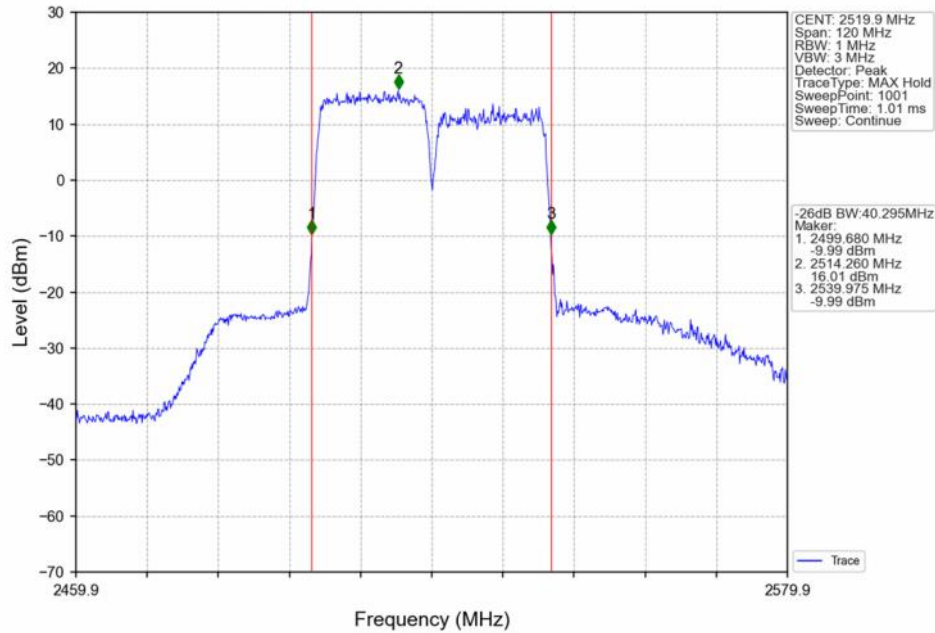
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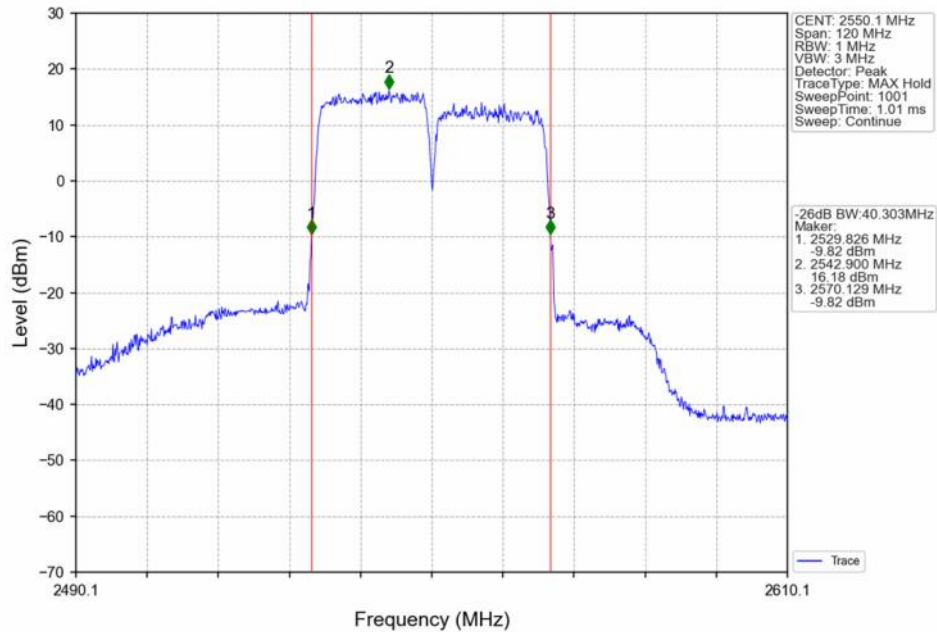
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3. Spurious Emission & Band Edge

3.1 CA_7C_NTNV

3.1.1 Test Result

Band: CA_7C / NTNv								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:2505 CC2:2519.4	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2545.6 CC2:2560	CC1: 50@0	Refer To Test Graph				Pass
			CC2: 100@0					
			CC1: 1@0	Refer To Test Graph				Pass
CC1:15 CC2:10	CC1: QPSK CC2: QPSK	CC1:2507.5 CC2:2519.5	CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0	Refer To Test Graph				Pass
		CC1:2553 CC2:2565	CC2: 50@0	Refer To Test Graph				Pass
			CC1: 1@0	Refer To Test Graph				Pass
			CC1: 1@74	Refer To Test Graph				Pass
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2507.5 CC2:2522.5	CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0	Refer To Test Graph				Pass
		CC1:2547.5 CC2:2562.5	CC2: 75@0	Refer To Test Graph				Pass
			CC1: 1@0	Refer To Test Graph				Pass
			CC1: 1@74	Refer To Test Graph				Pass
CC1:15 CC2:20	CC1: QPSK CC2: QPSK	CC1:2507.5 CC2:2524.6	CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0	Refer To Test Graph				Pass
		CC1:2542.9 CC2:2560	CC2: 100@0	Refer To Test Graph				Pass
			CC1: 1@0	Refer To Test Graph				Pass
			CC1: 1@74	Refer To Test Graph				Pass
			CC2: 1@99	Refer To Test Graph				Pass
			CC1: 75@0	Refer To Test Graph				Pass



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			CC2: 100@0		
CC1:20 CC2:10	CC1: QPSK CC2: QPSK	CC1:2510 CC2:2524.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:2550.6 CC2:2565	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
CC1:20 CC2:15	CC1: QPSK CC2: QPSK	CC1:2510 CC2:2527.1	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
		CC1:2545.4 CC2:2562.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@74	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2510 CC2:2529.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:2540.2 CC2:2560	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass



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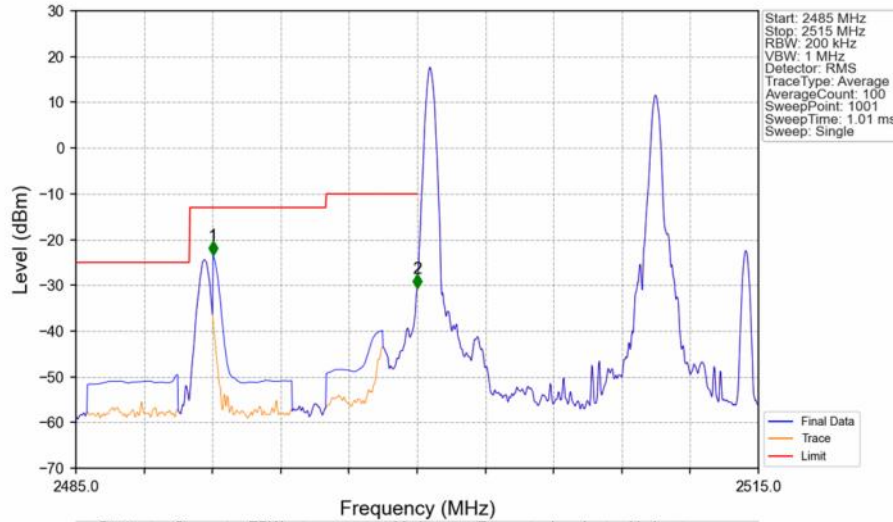
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3.1.2 Test Graph

CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2505 CC2:2519.4MHz_CC1: 1@0 CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2491.030	-23.42	-13	Pass
2499	2500	0.2	/	2	2500.000	-30.67	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2505 CC2:2519.4MHz_CC1: 1@0 CC2: 1@0



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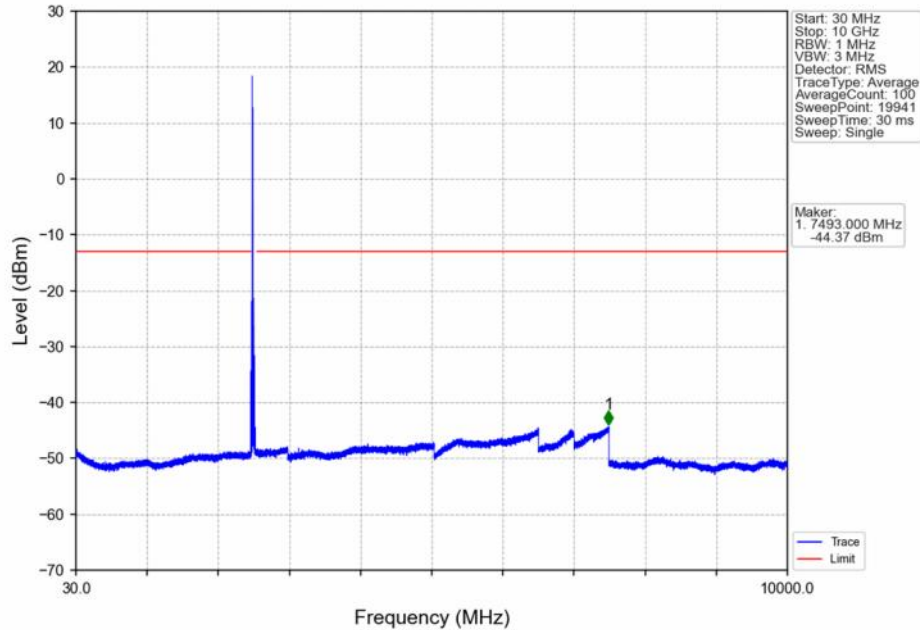
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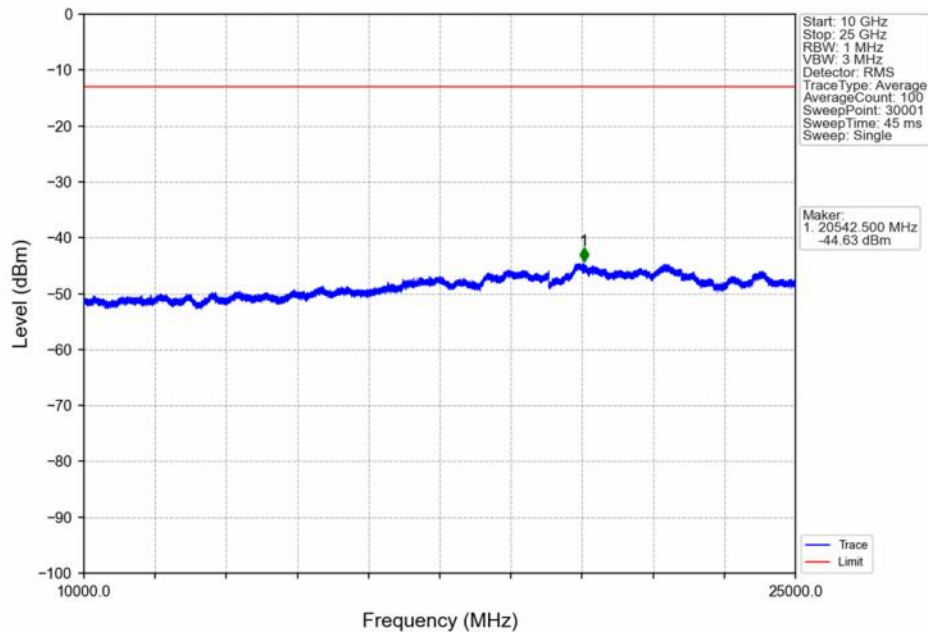


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CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2505 CC2:2519.4MHz_CC1: 1@0 CC2: 1@0



CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2505 CC2:2519.4MHz_CC1: 1@0 CC2: 1@0



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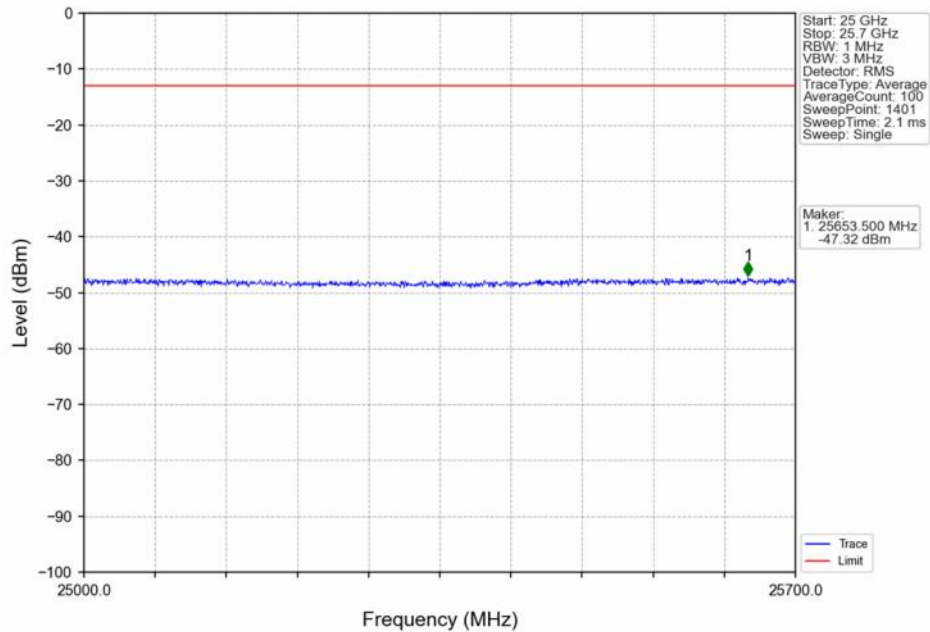
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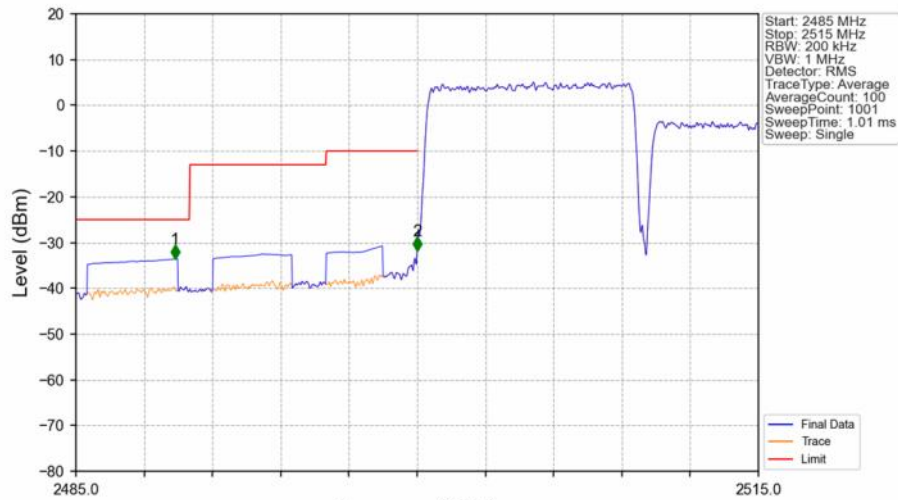
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.350	-33.60	-25	Pass
2499	2500	0.2	/	2	2500.000	-31.92	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

CA_7C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2505_CC2:2519.4MHz_CC1: 50@0_CC2: 100@0



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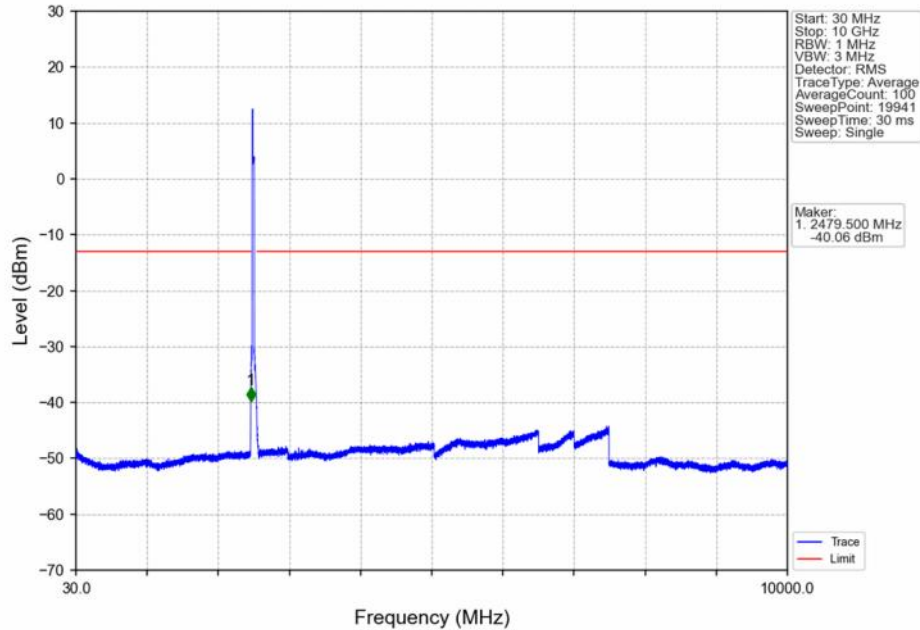
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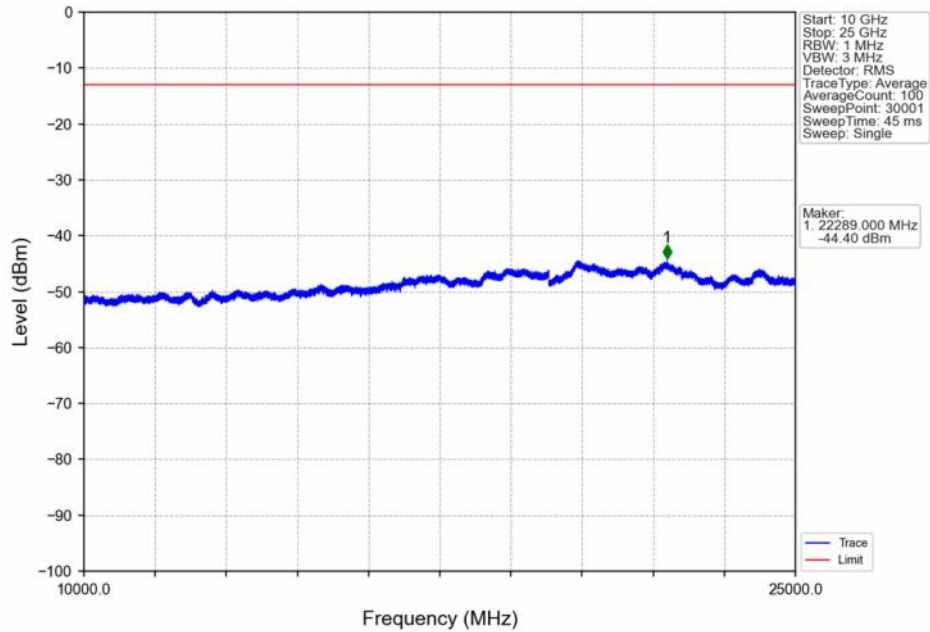
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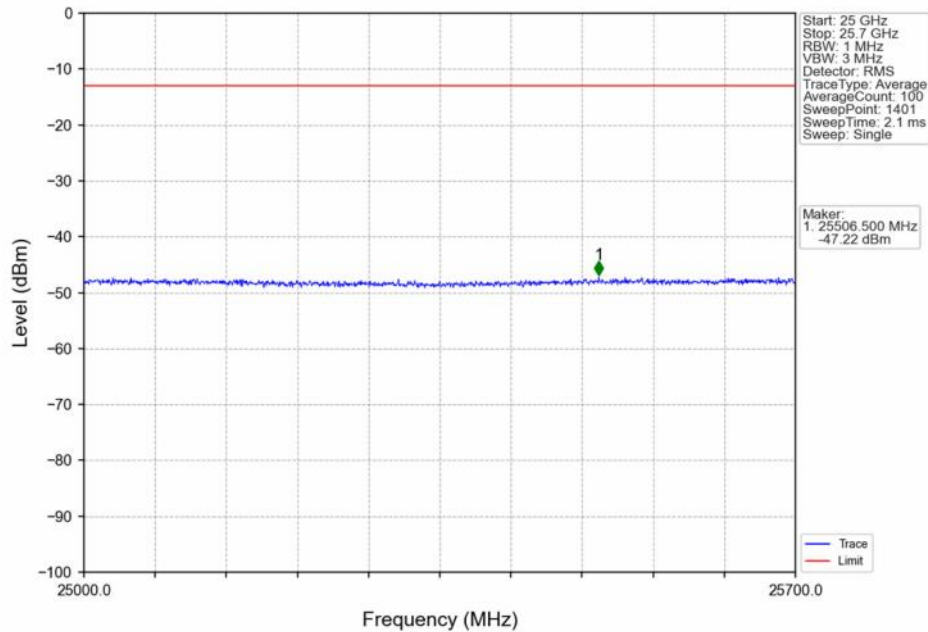
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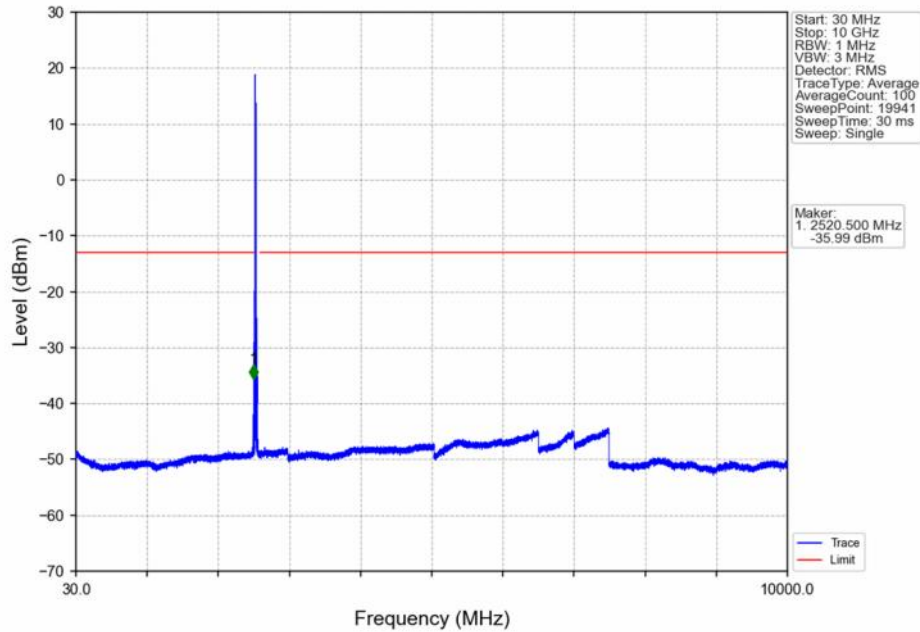
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CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2545.6 CC2:2560MHz_CC1: 1@0 CC2: 1@0



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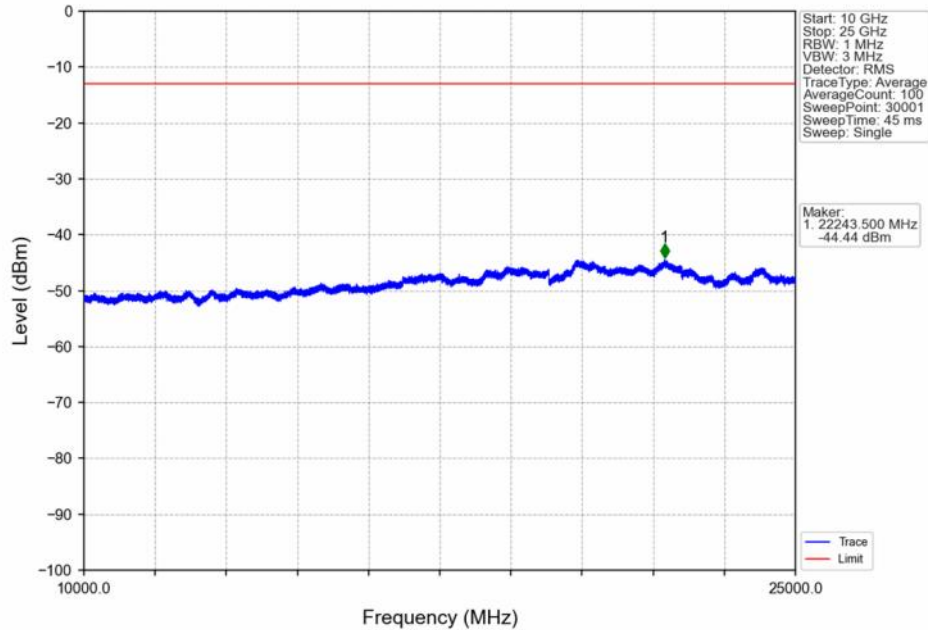
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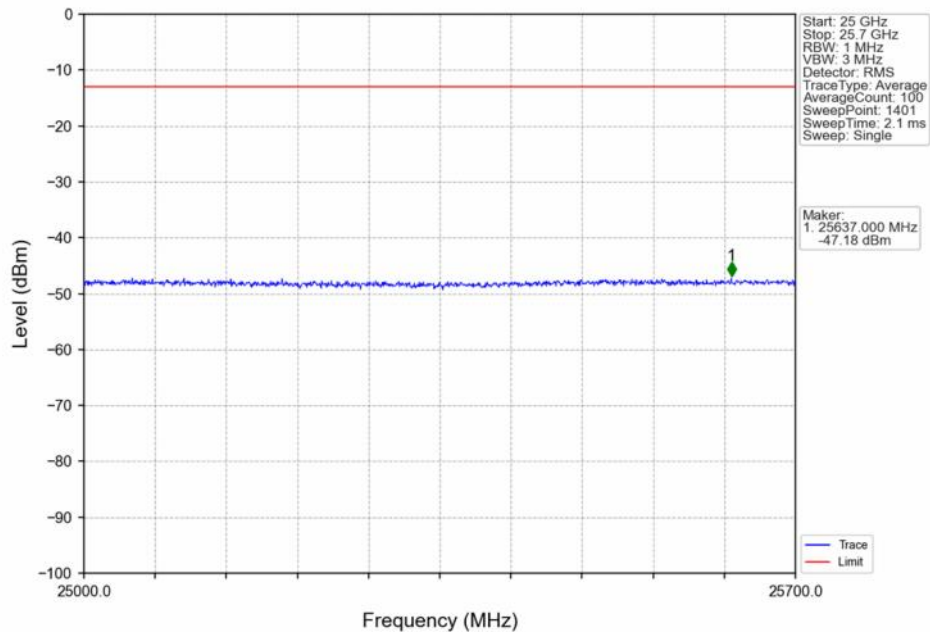


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CA_7C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2545.6 CC2:2560MHz_CC1: 1@49 CC2: 1@99



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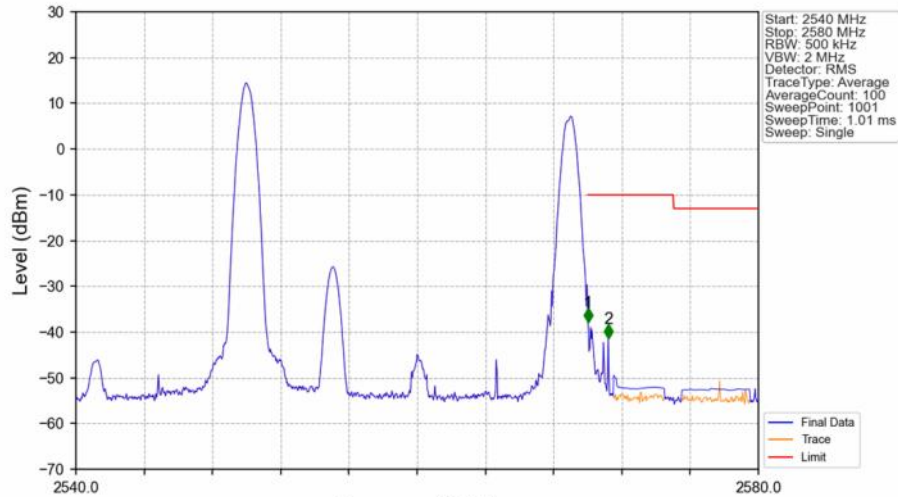
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.000	-37.86	-10	Pass
2571	2580	1	CHP	2	2571.200	-41.38	-10	Pass



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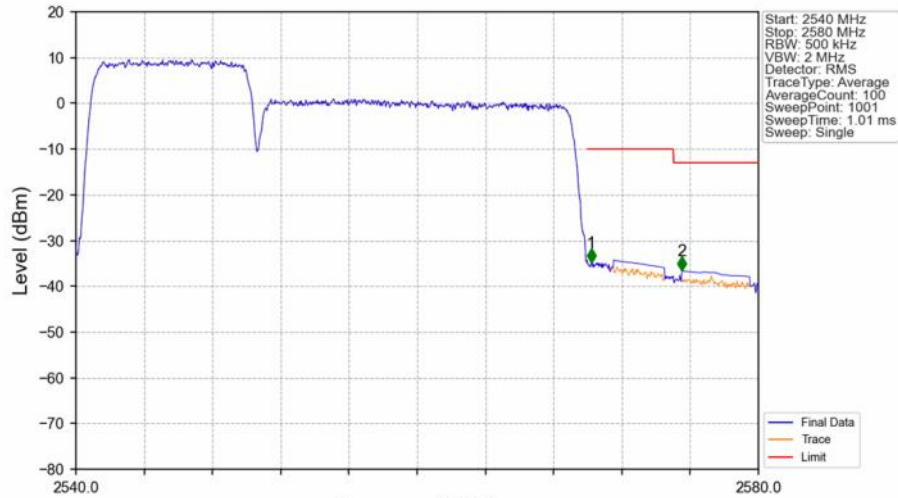
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.200	-34.79	-10	Pass
2571	2580	1	CHP	2	2575.520	-36.67	-13	Pass

CA_7C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2545.6_CC2:2560MHz_CC1: 50@0_CC2: 100@0



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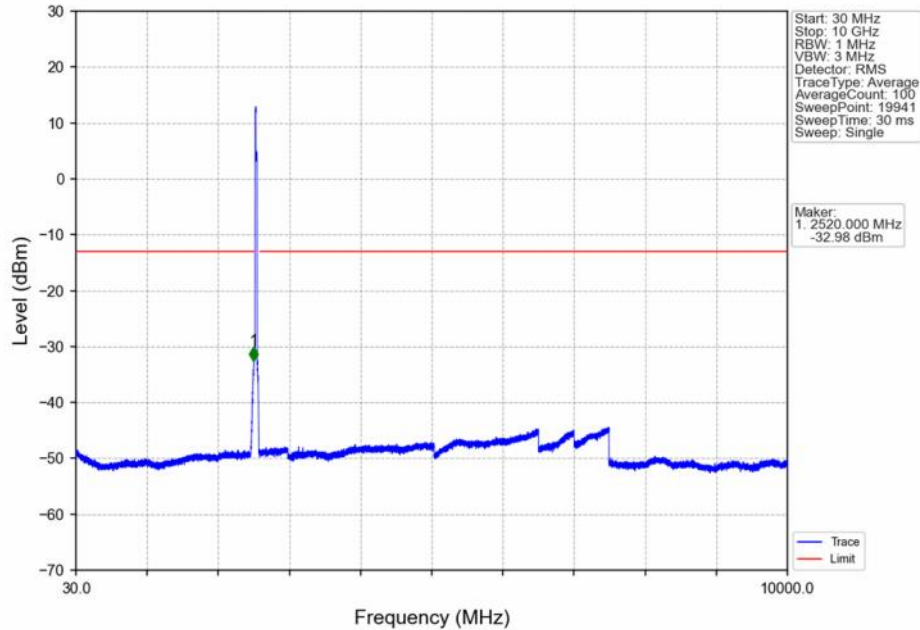
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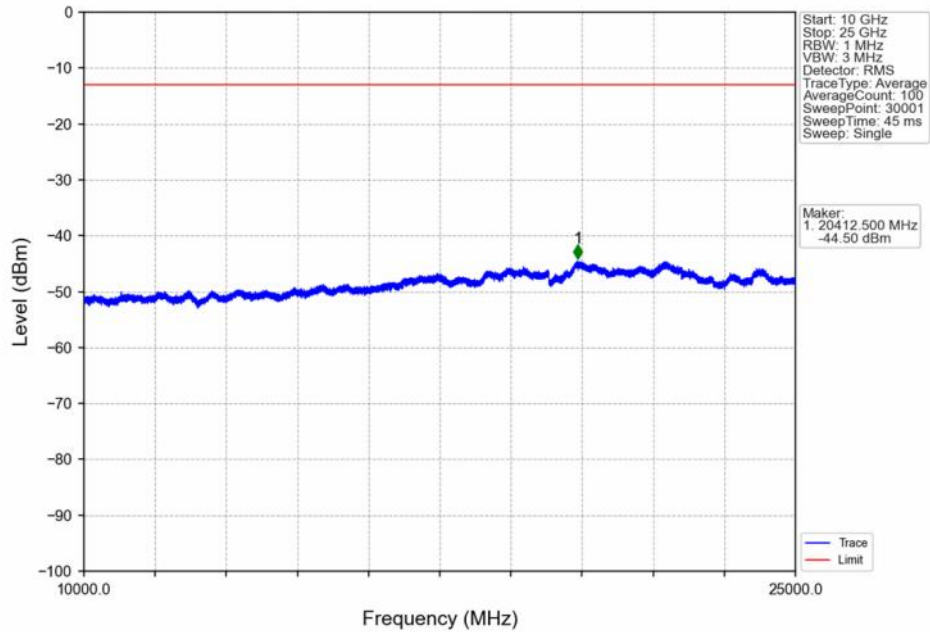
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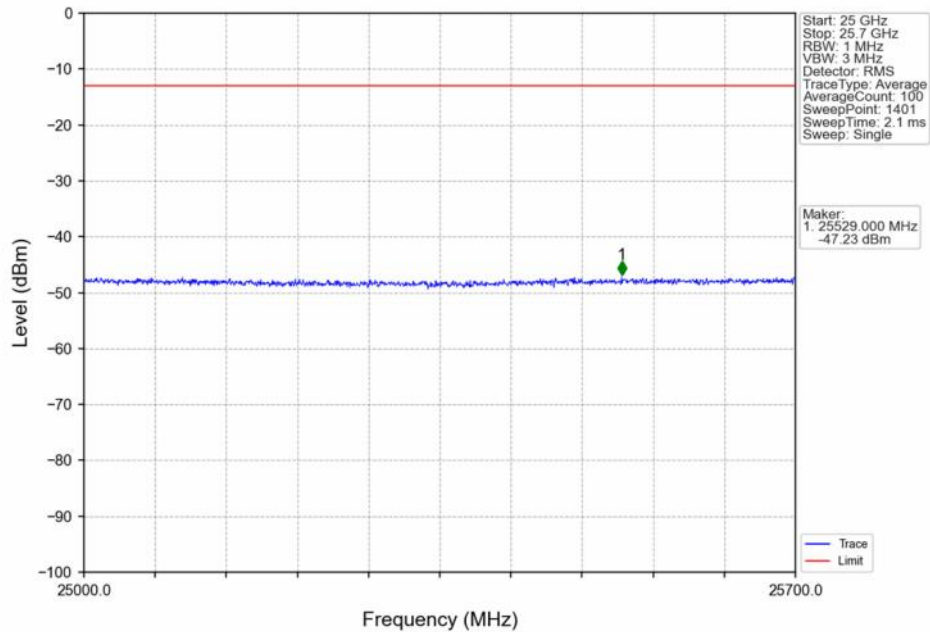
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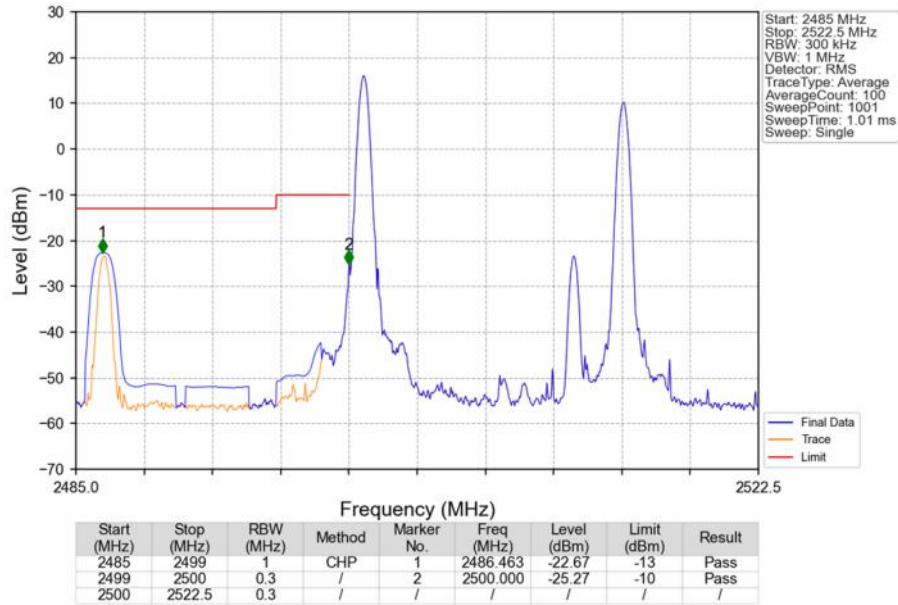
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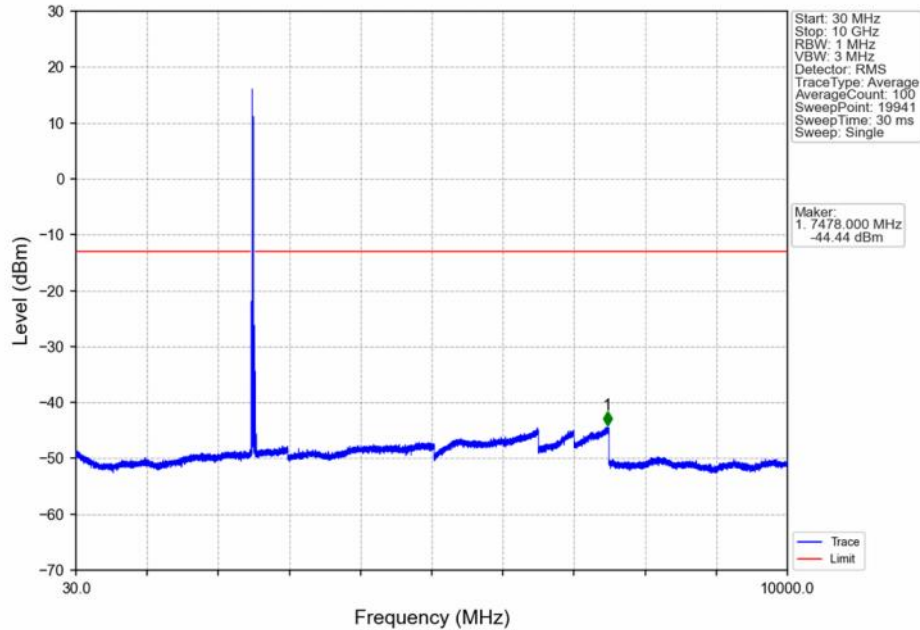
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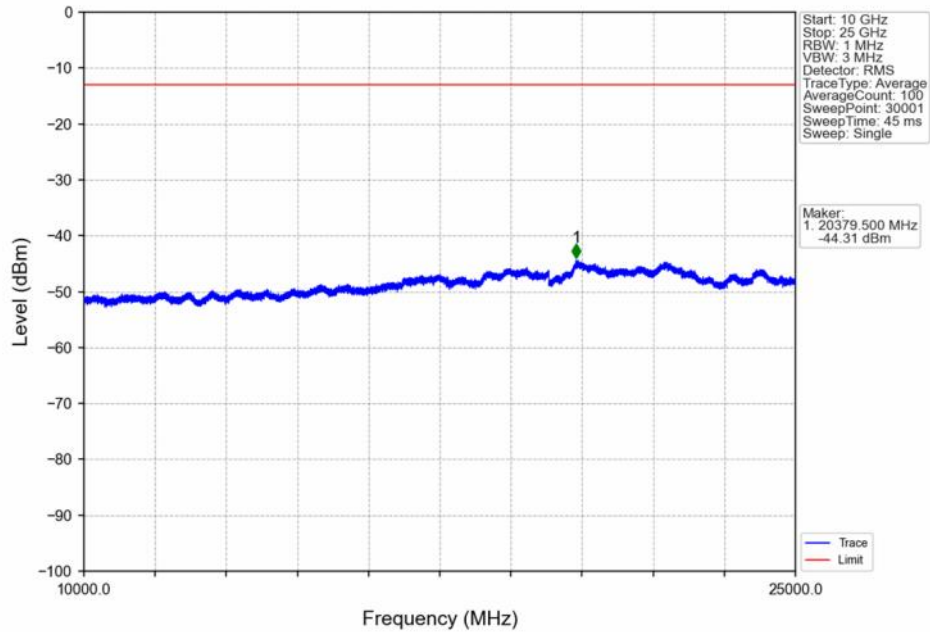
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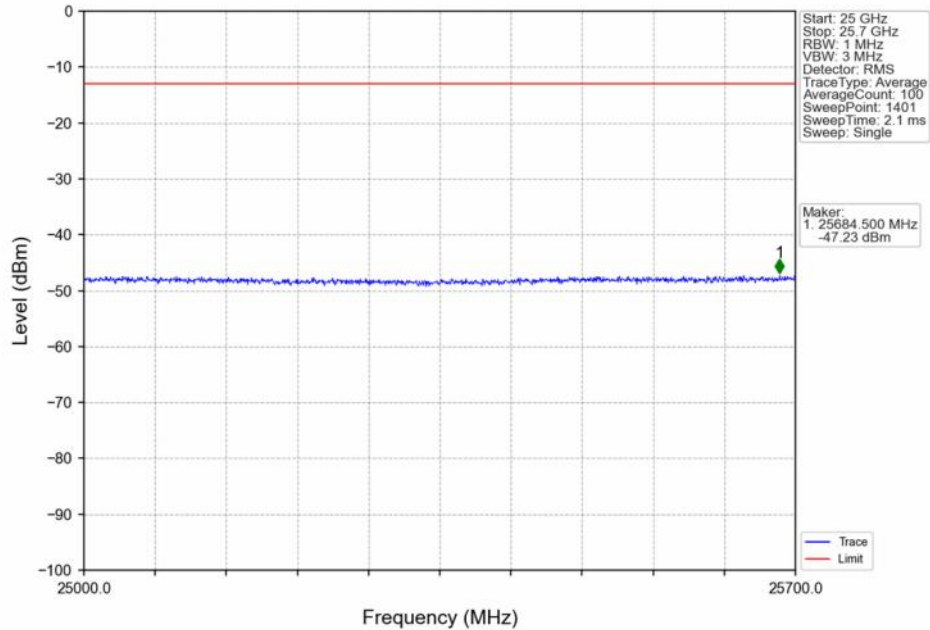
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