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Appendix B.26

LTE CA_38C



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-0RB#0	25.55	25.32	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	24.56	24.33	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-0RB#0	25.45	25.22	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	24.47	24.24	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-0RB#0	25.69	25.46	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	24.65	24.42	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#0-0RB#0	24.37	24.14	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	23.46	23.23	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#0-0RB#0	24.5	24.27	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	23.5	23.27	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#0-0RB#0	24.79	24.56	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	23.75	23.52	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-0RB#0	23.43	23.2	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	23.51	23.28	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-0RB#0	23.79	23.56	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	23.72	23.49	33	PASS



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38-38	15MHZ-15MHZ	64QAM-64QAM	38025-38175	1RB#0-0RB#0	23.9	23.67	33	PASS
38-38	15MHZ-15MHZ	64QAM-64QAM	38025-38175	75RB#0-75RB#0	23.57	23.34	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37825-37975	1RB#0-0RB#0	20.39	20.16	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37825-37975	75RB#0-75RB#0	21.58	21.35	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37925-38075	1RB#0-0RB#0	20.69	20.46	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37925-38075	75RB#0-75RB#0	21.46	21.23	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	38025-38175	1RB#0-0RB#0	20.56	20.33	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	38025-38175	75RB#0-75RB#0	21.65	21.42	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37850-38048	100RB#0-100RB#0	24.4	24.17	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37850-38048	1RB#0-0RB#0	25.55	25.32	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37901-38099	100RB#0-100RB#0	24.52	24.29	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37901-38099	1RB#0-0RB#0	25.63	25.4	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37952-38150	100RB#0-100RB#0	24.63	24.4	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37952-38150	1RB#0-0RB#0	25.43	25.2	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37850-38048	100RB#0-100RB#0	23.4	23.17	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37850-38048	1RB#0-0RB#0	24.5	24.27	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37901-38099	100RB#0-100RB#0	23.53	23.3	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37901-38099	1RB#0-0RB#0	24.61	24.38	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37952-38150	100RB#0-100RB#0	23.56	23.33	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37952-38150	1RB#0-0RB#0	24.51	24.28	33	PASS



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38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	1RB#0-0RB#0	23.65	23.42	33	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	23.53	23.3	33	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	1RB#0-0RB#0	23.61	23.38	33	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	23.75	23.52	33	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	1RB#0-0RB#0	23.51	23.28	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37850-38048	100RB#0-100RB#0	21.58	21.35	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37850-38048	1RB#0-0RB#0	20.6	20.37	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37901-38099	100RB#0-100RB#0	21.45	21.22	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37901-38099	1RB#0-0RB#0	20.38	20.15	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37952-38150	100RB#0-100RB#0	21.51	21.28	33	PASS
38-38	20MHz-20MHz	256QAM-256QAM	37952-38150	1RB#0-0RB#0	20.66	20.43	33	PASS



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2. 99% & 26dB Bandwidth

2.1 CA_38C_NTNV_OBW

2.1.1 Test Result

Band: CA_38C / NTN						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	99% Occupied Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5	CC1: 75@0	28.73	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: QPSK CC2: QPSK	CC1:2597.5	CC1: 75@0	28.78	/	Pass
		CC2:2612.5	CC2: 75@0			
	CC1: 16QAM CC2: 16QAM	CC1:2577.5	CC1: 75@0	28.72	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 16QAM CC2: 16QAM	CC1:2597.5	CC1: 75@0	28.73	/	Pass
		CC2:2612.5	CC2: 75@0			
CC1:20 CC2:20	CC1: 64QAM CC2: 64QAM	CC1:2577.5	CC1: 75@0	28.76	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 64QAM CC2: 64QAM	CC1:2597.5	CC1: 75@0	28.72	/	Pass
		CC2:2612.5	CC2: 75@0			
	CC1: 256QAM CC2: 256QAM	CC1:2577.5	CC1: 75@0	28.75	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 256QAM CC2: 256QAM	CC1:2597.5	CC1: 75@0	28.77	/	Pass
		CC2:2612.5	CC2: 75@0			
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580	CC1: 100@0	37.81	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: QPSK CC2: QPSK	CC1:2590.2	CC1: 100@0	37.87	/	Pass
		CC2:2610	CC2: 100@0			
	CC1: 16QAM CC2: 16QAM	CC1:2580	CC1: 100@0	37.74	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 16QAM CC2: 16QAM	CC1:2590.2	CC1: 100@0	37.89	/	Pass
		CC2:2610	CC2: 100@0			
CC1:20 CC2:20	CC1: 64QAM CC2: 64QAM	CC1:2580	CC1: 100@0	37.80	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 64QAM CC2: 64QAM	CC1:2590.2	CC1: 100@0	37.90	/	Pass
		CC2:2610	CC2: 100@0			
	CC1: 256QAM CC2: 256QAM	CC1:2580	CC1: 100@0	37.85	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 256QAM CC2: 256QAM	CC1:2590.2	CC1: 100@0	37.67	/	Pass
		CC2:2610	CC2: 100@0			



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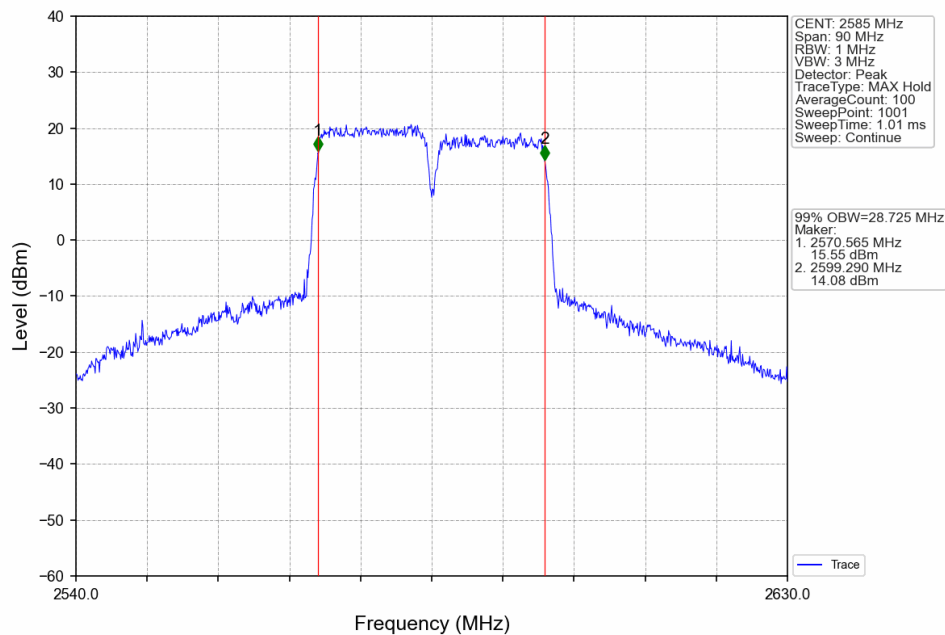
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2.1.2 Test Graph

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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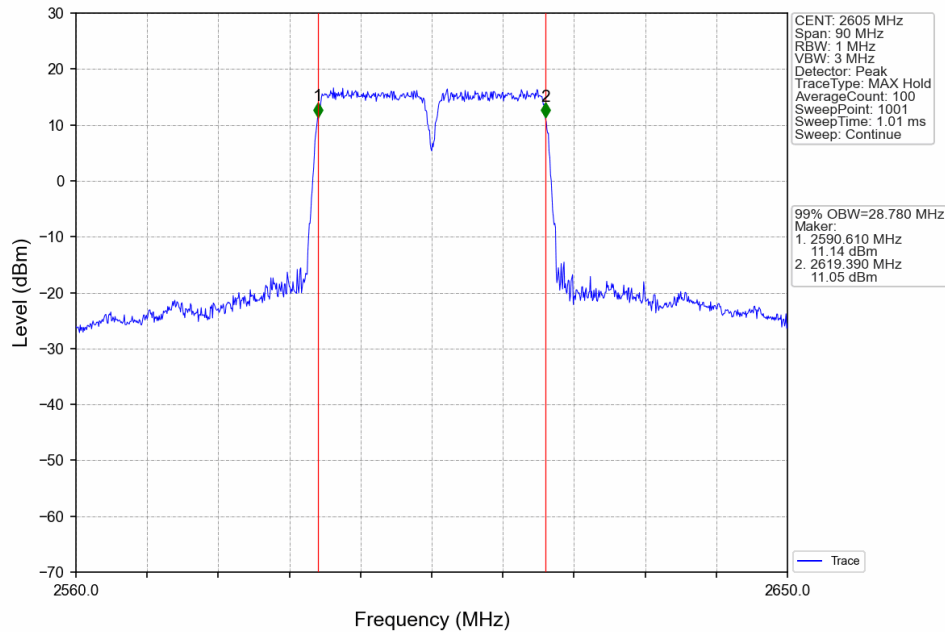
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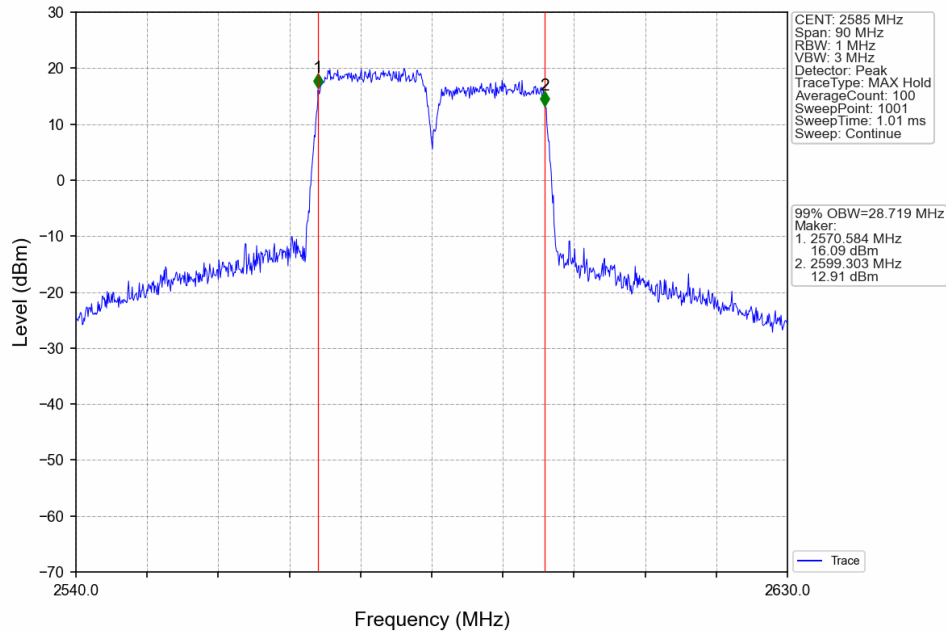
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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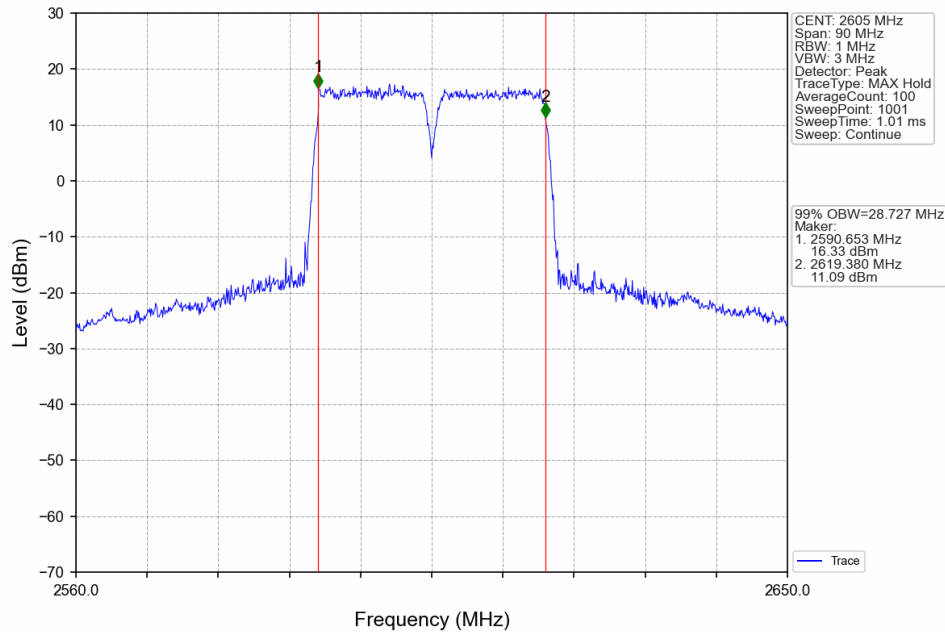
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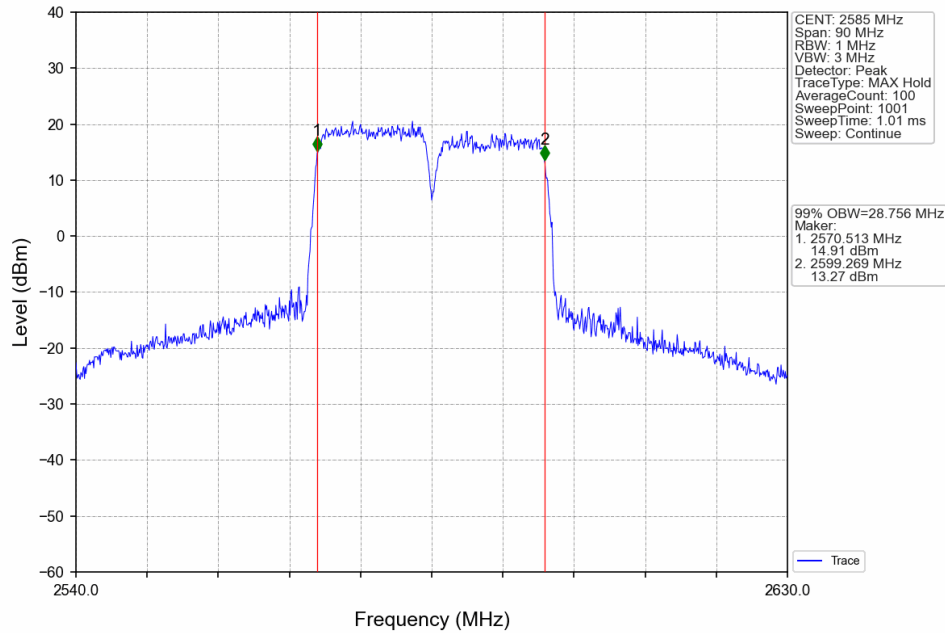
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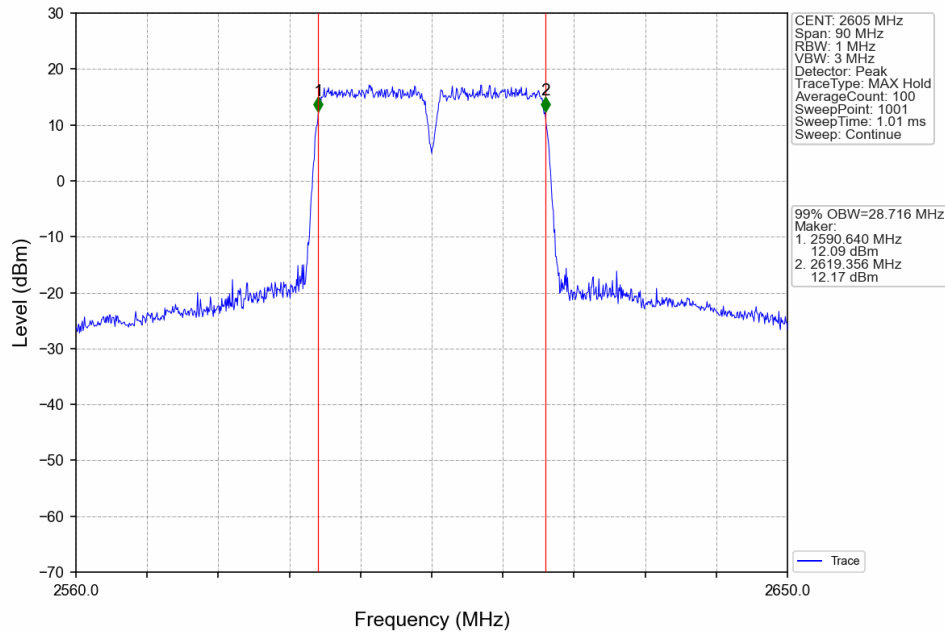
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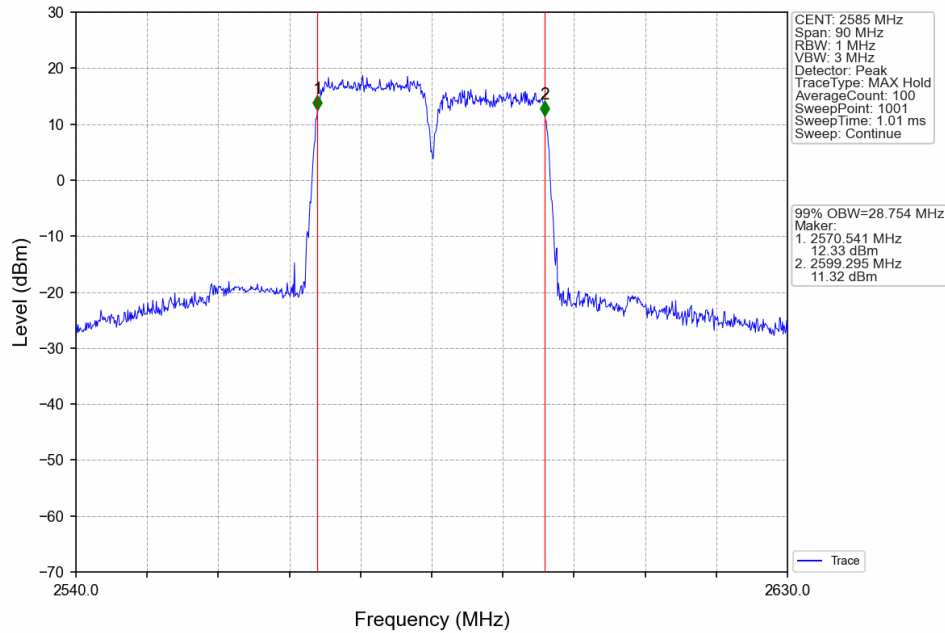
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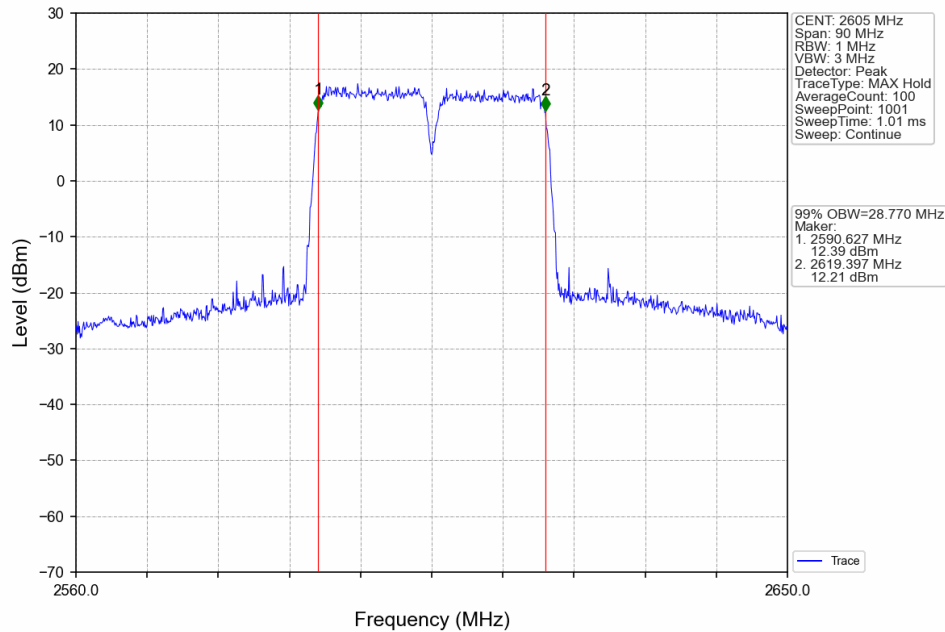
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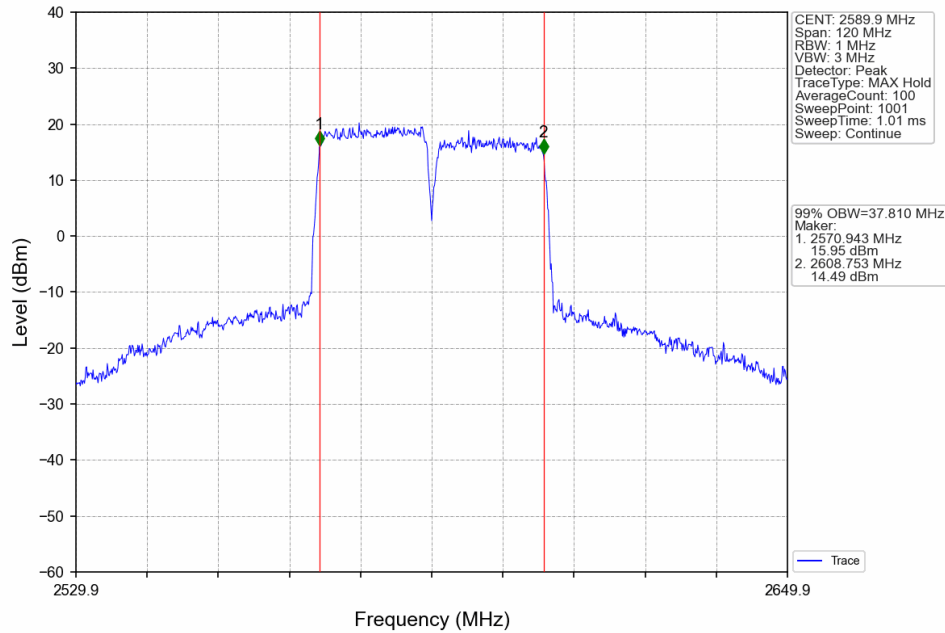
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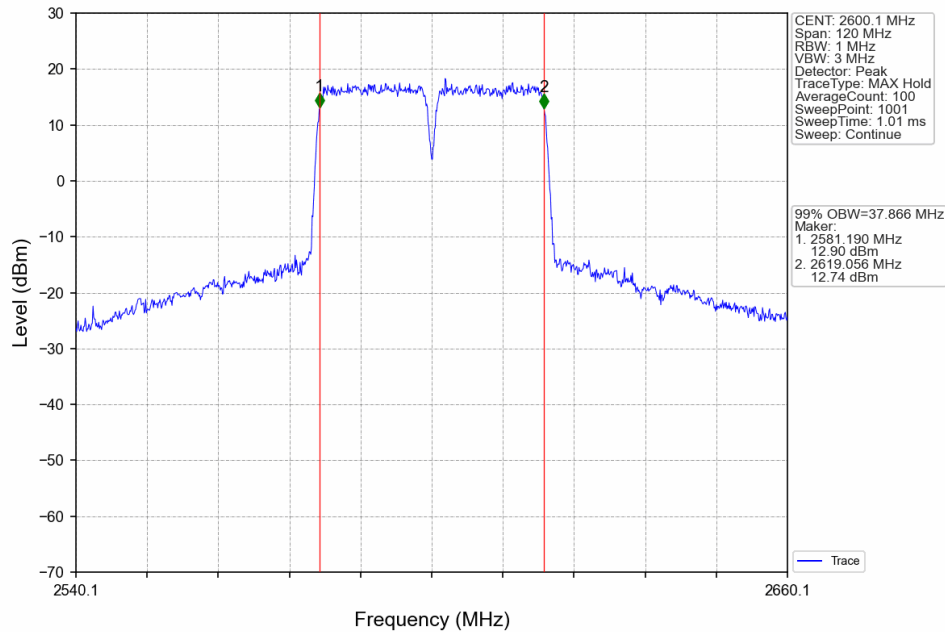
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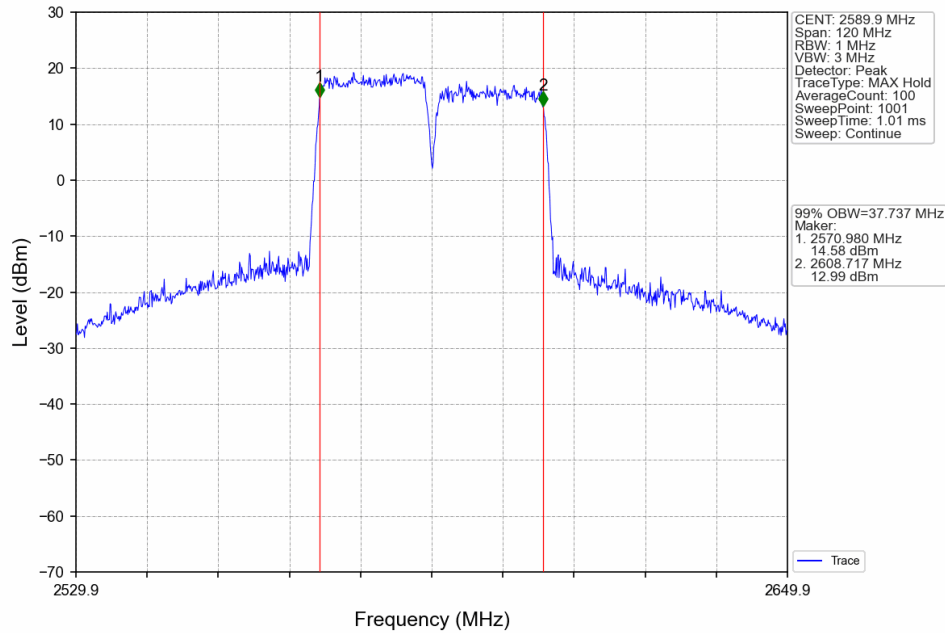
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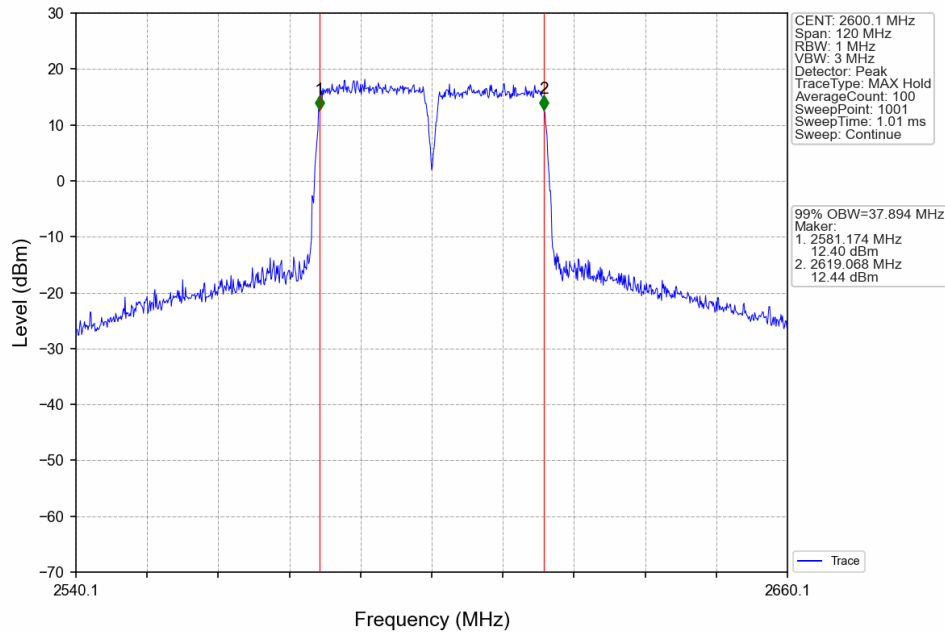
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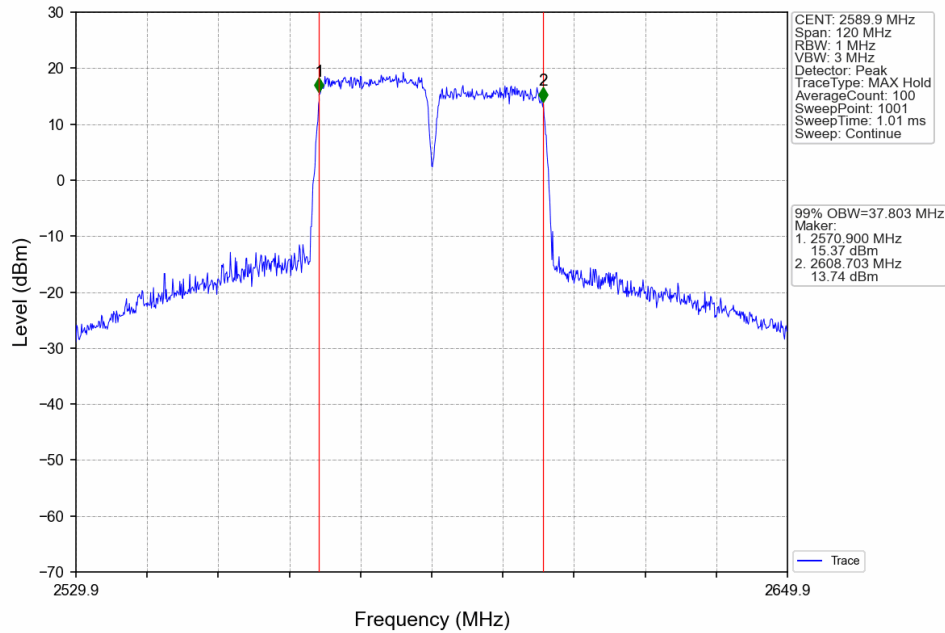
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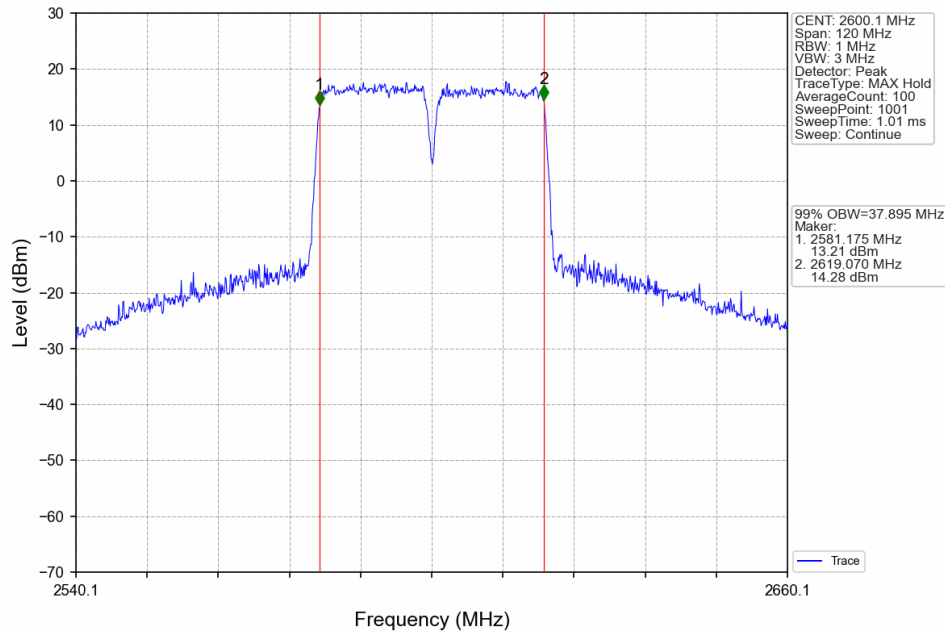
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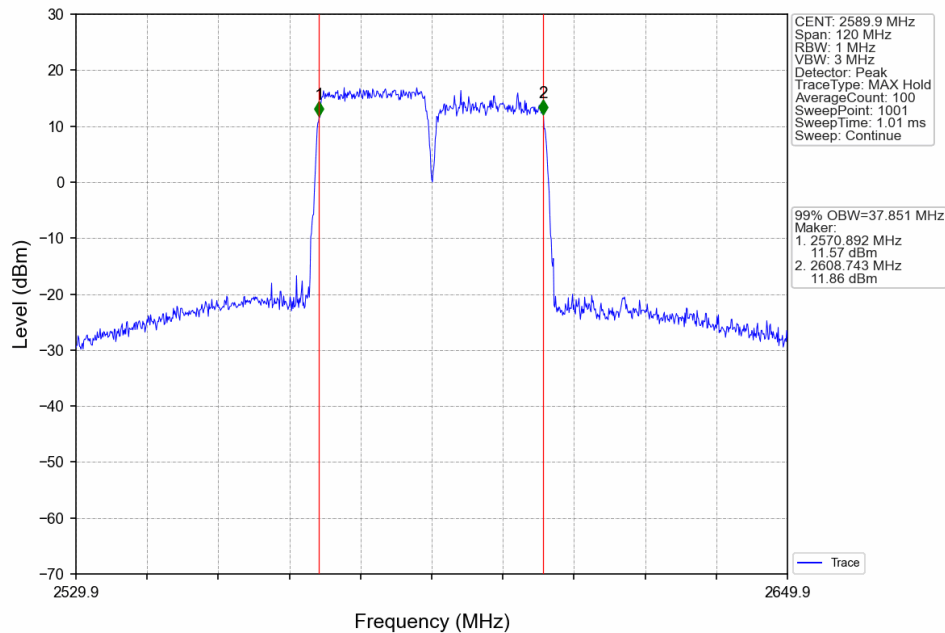
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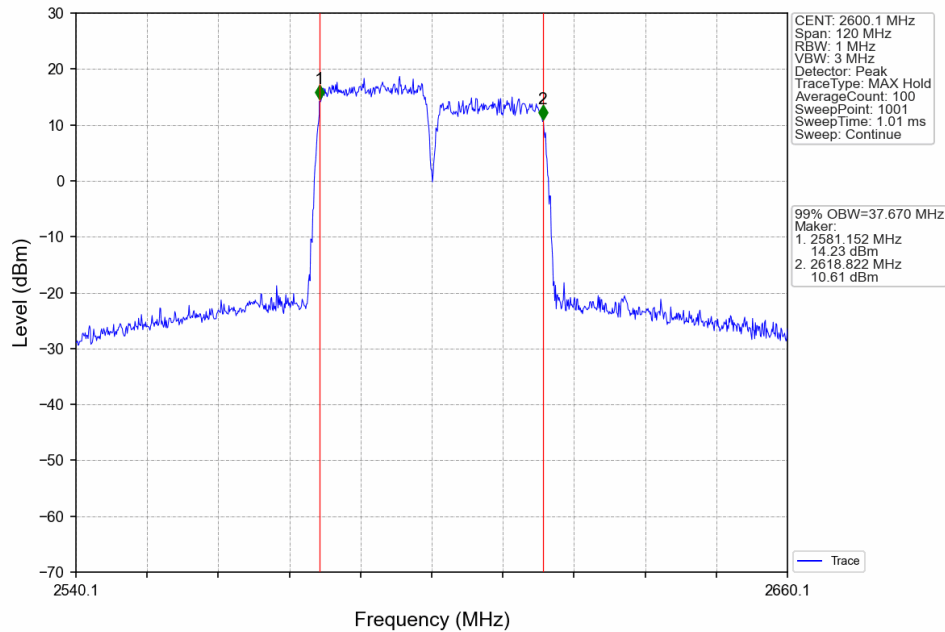
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2.2 CA_38C_NTNV_XDB

2.2.1 Test Result

Band: CA_38C / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5	CC1: 75@0	31.19	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: QPSK CC2: QPSK	CC1:2597.5	CC1: 75@0	31.23	/	Pass
		CC2:2612.5	CC2: 75@0			
	CC1: 16QAM CC2: 16QAM	CC1:2577.5	CC1: 75@0	31.07	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 16QAM CC2: 16QAM	CC1:2597.5	CC1: 75@0	31.04	/	Pass
		CC2:2612.5	CC2: 75@0			
CC1:20 CC2:20	CC1: 64QAM CC2: 64QAM	CC1:2577.5	CC1: 75@0	30.95	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 64QAM CC2: 64QAM	CC1:2597.5	CC1: 75@0	31.02	/	Pass
		CC2:2612.5	CC2: 75@0			
	CC1: 256QAM CC2: 256QAM	CC1:2577.5	CC1: 75@0	30.89	/	Pass
		CC2:2592.5	CC2: 75@0			
	CC1: 256QAM CC2: 256QAM	CC1:2597.5	CC1: 75@0	30.94	/	Pass
		CC2:2612.5	CC2: 75@0			
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580	CC1: 100@0	40.39	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: QPSK CC2: QPSK	CC1:2590.2	CC1: 100@0	40.53	/	Pass
		CC2:2610	CC2: 100@0			
	CC1: 16QAM CC2: 16QAM	CC1:2580	CC1: 100@0	40.30	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 16QAM CC2: 16QAM	CC1:2590.2	CC1: 100@0	40.51	/	Pass
		CC2:2610	CC2: 100@0			
CC1:20 CC2:20	CC1: 64QAM CC2: 64QAM	CC1:2580	CC1: 100@0	40.25	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 64QAM CC2: 64QAM	CC1:2590.2	CC1: 100@0	40.37	/	Pass
		CC2:2610	CC2: 100@0			
	CC1: 256QAM CC2: 256QAM	CC1:2580	CC1: 100@0	40.31	/	Pass
		CC2:2599.8	CC2: 100@0			
	CC1: 256QAM CC2: 256QAM	CC1:2590.2	CC1: 100@0	40.24	/	Pass
		CC2:2610	CC2: 100@0			



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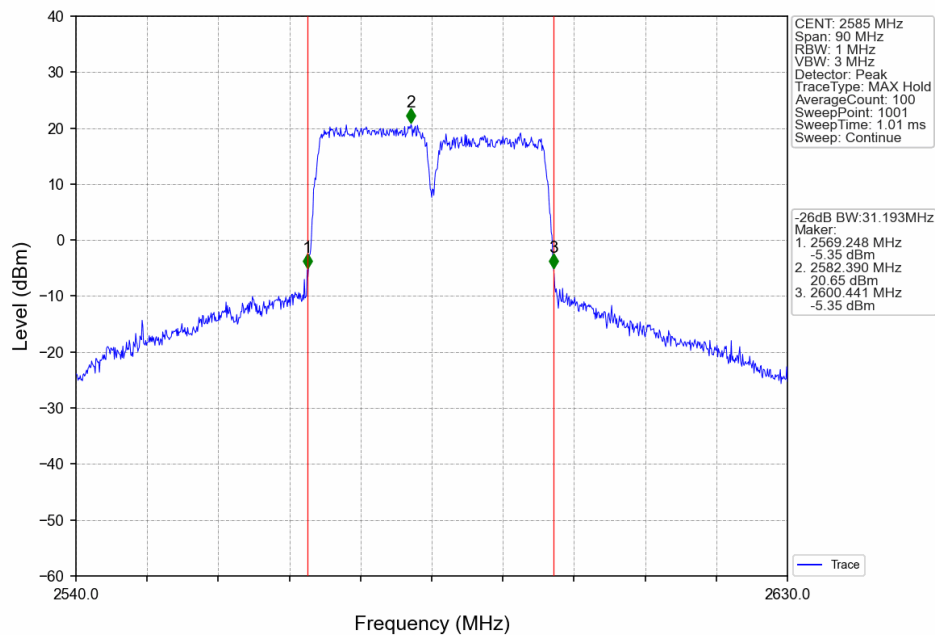
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2.2.2 Test Graph

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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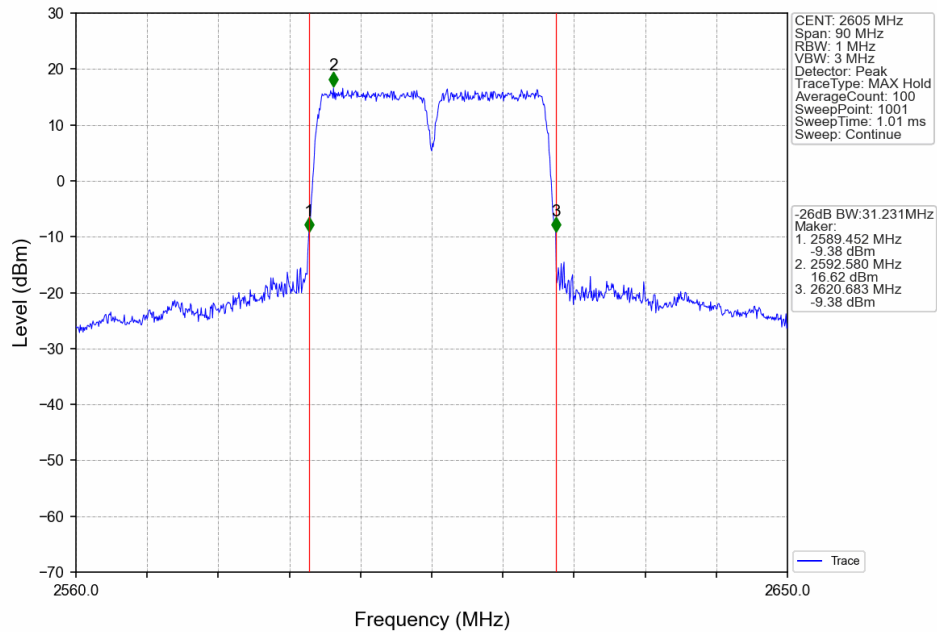
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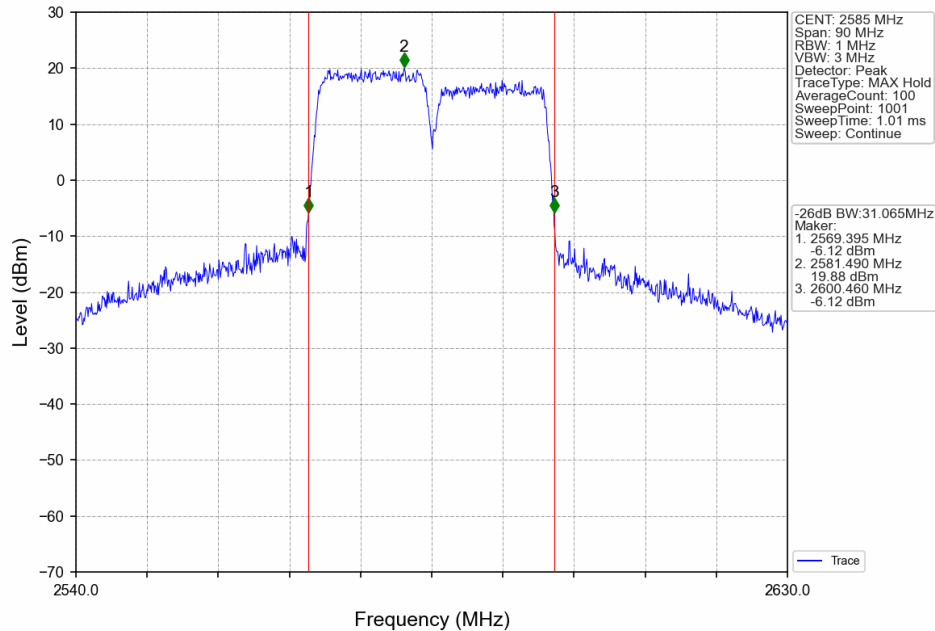
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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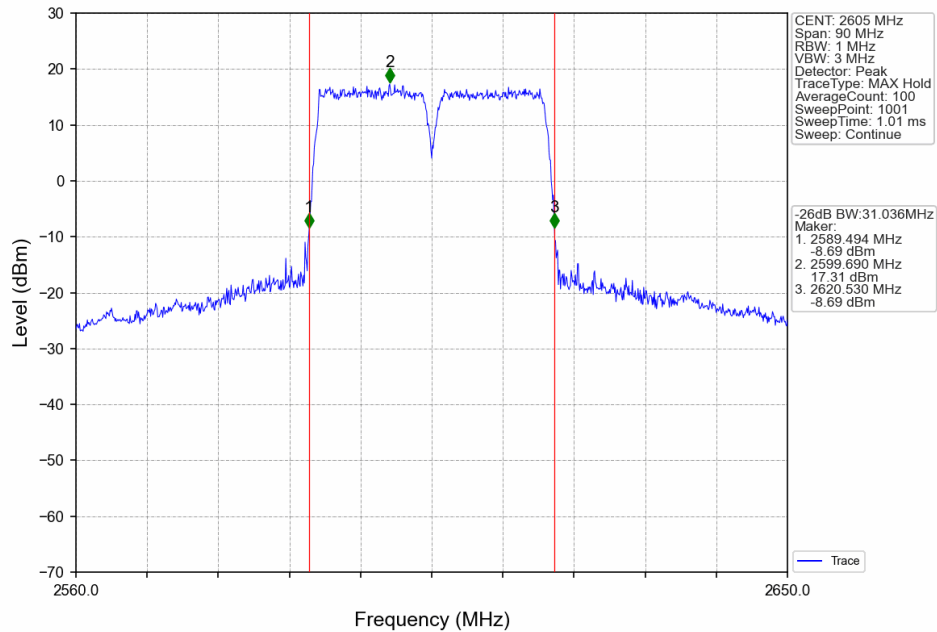
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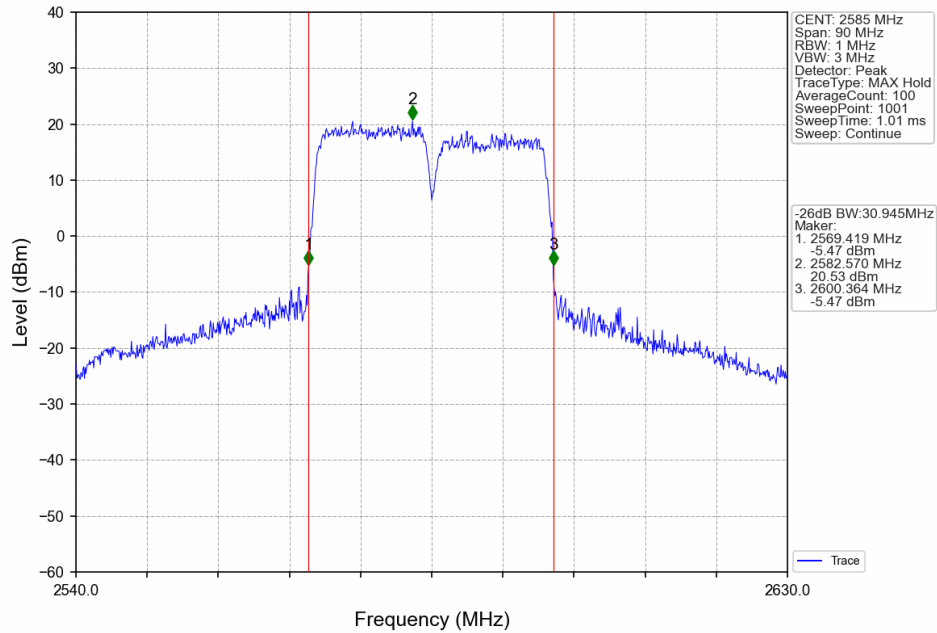
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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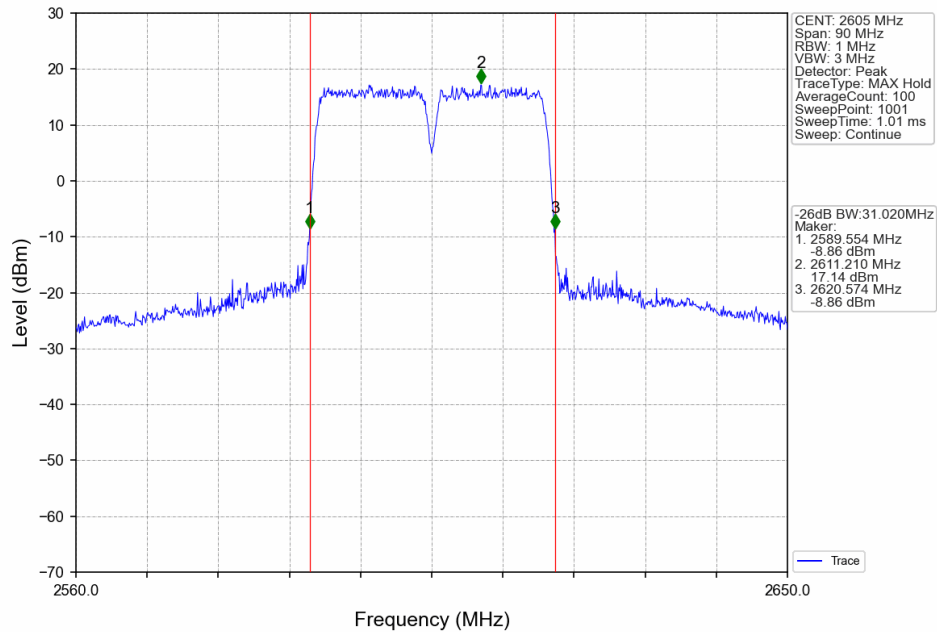
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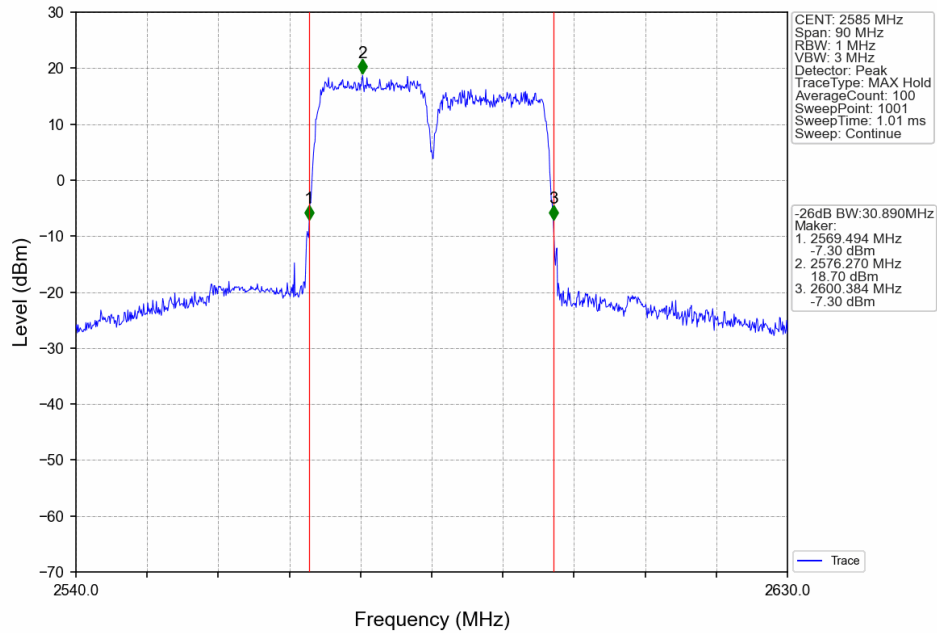
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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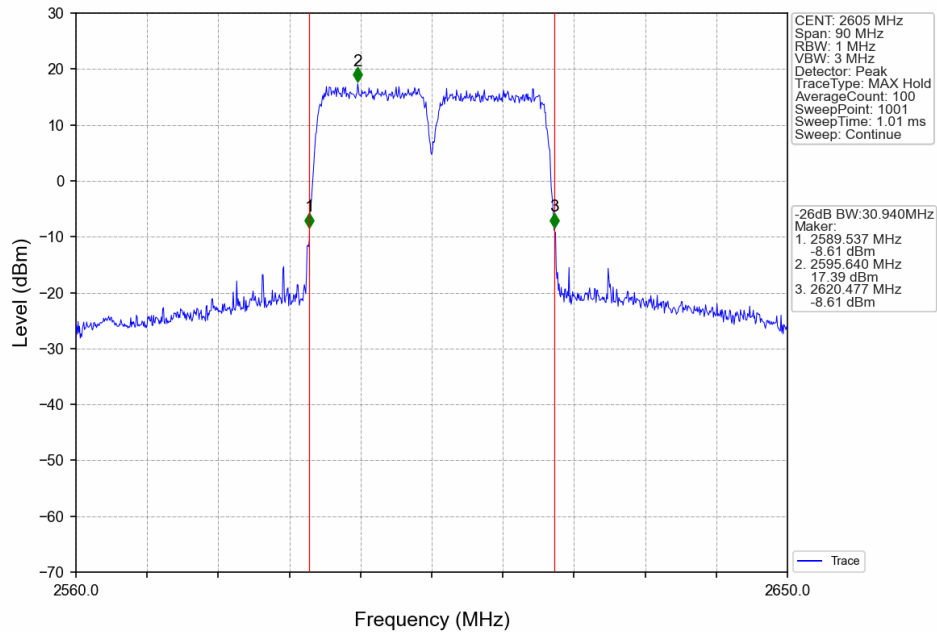
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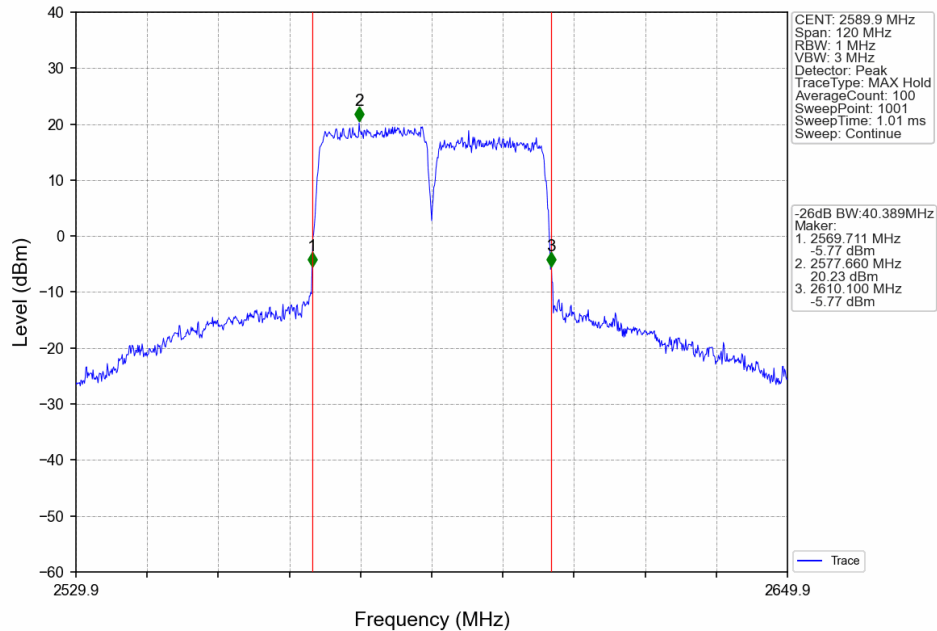
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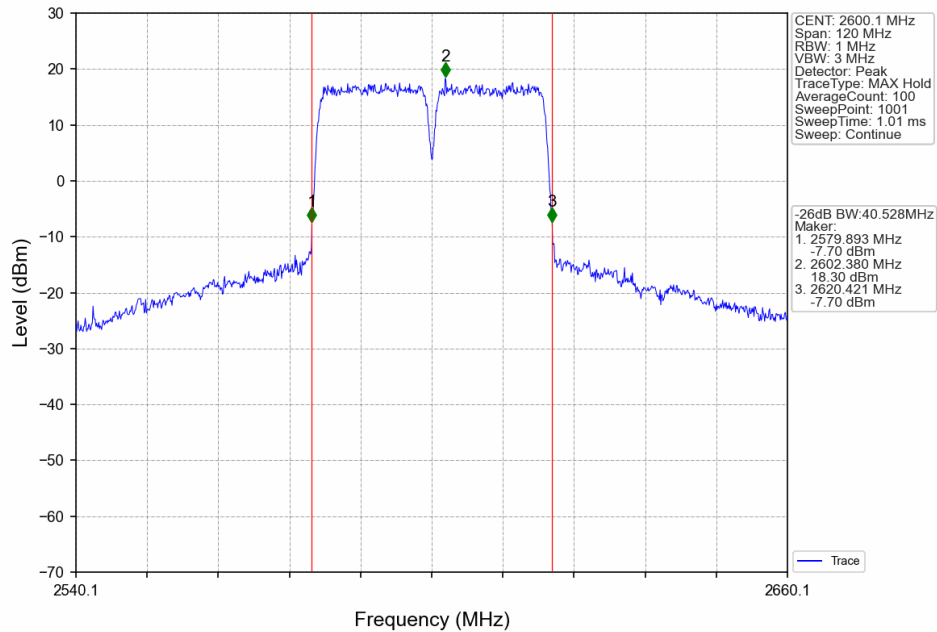
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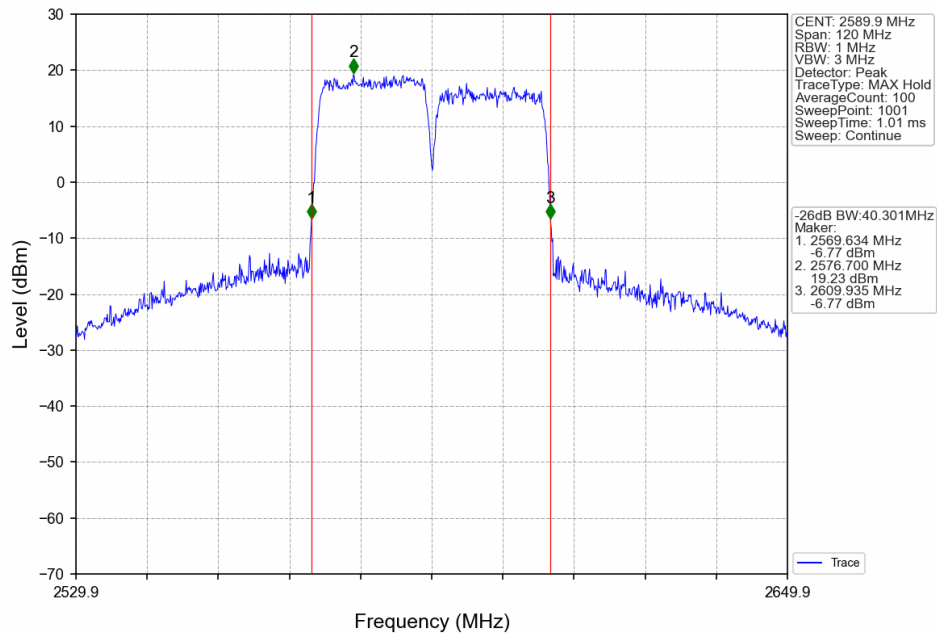
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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



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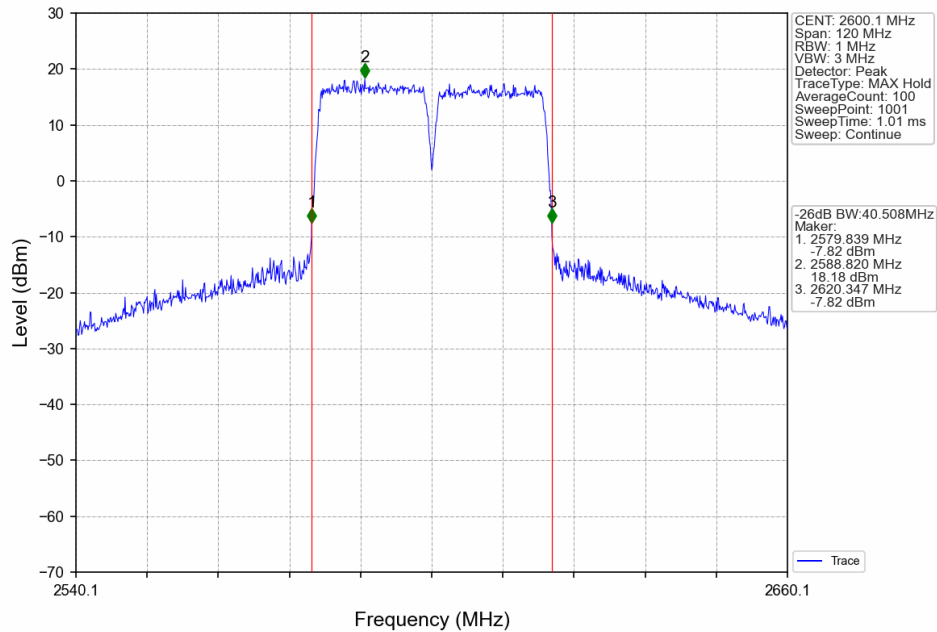
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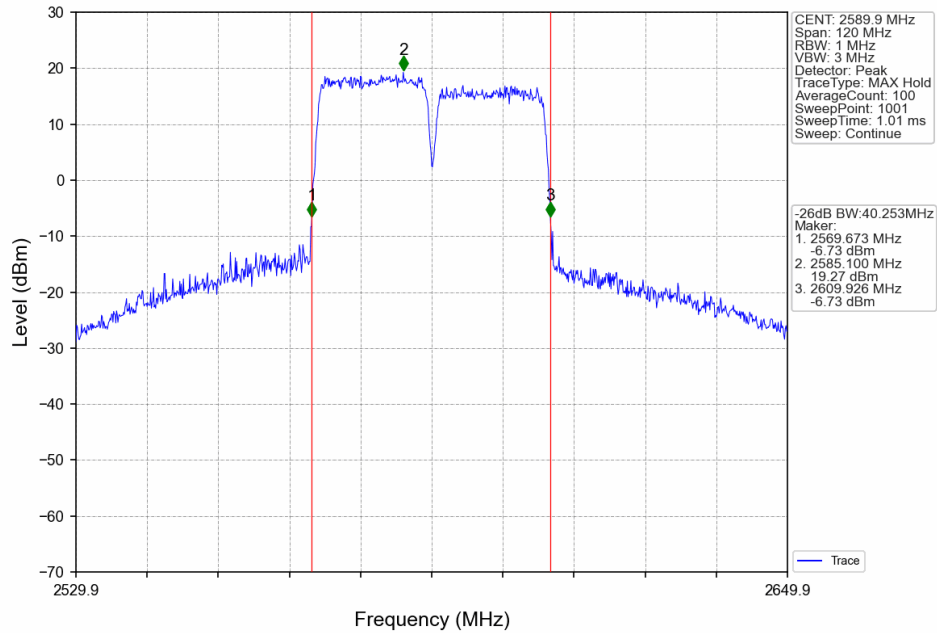
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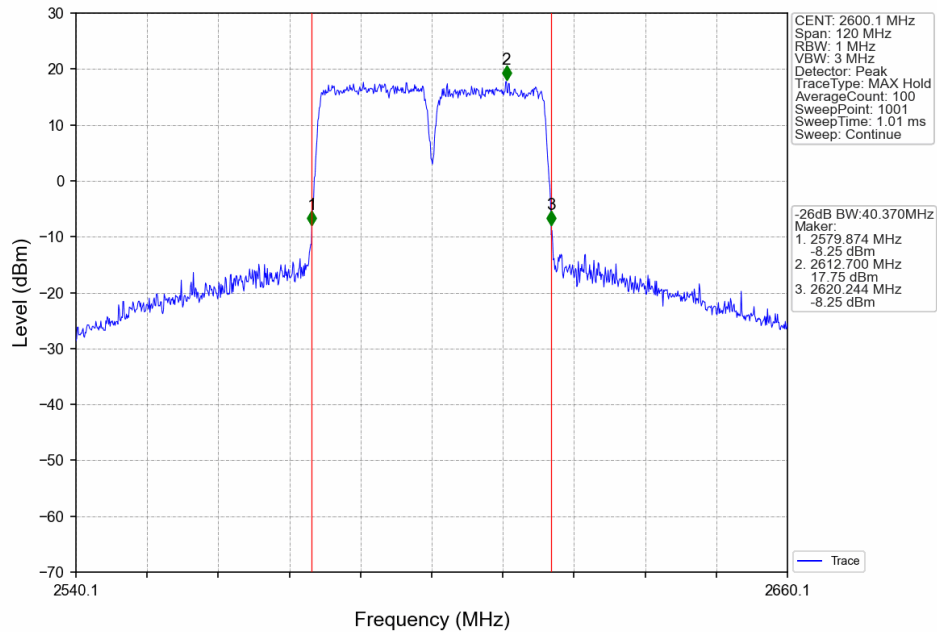
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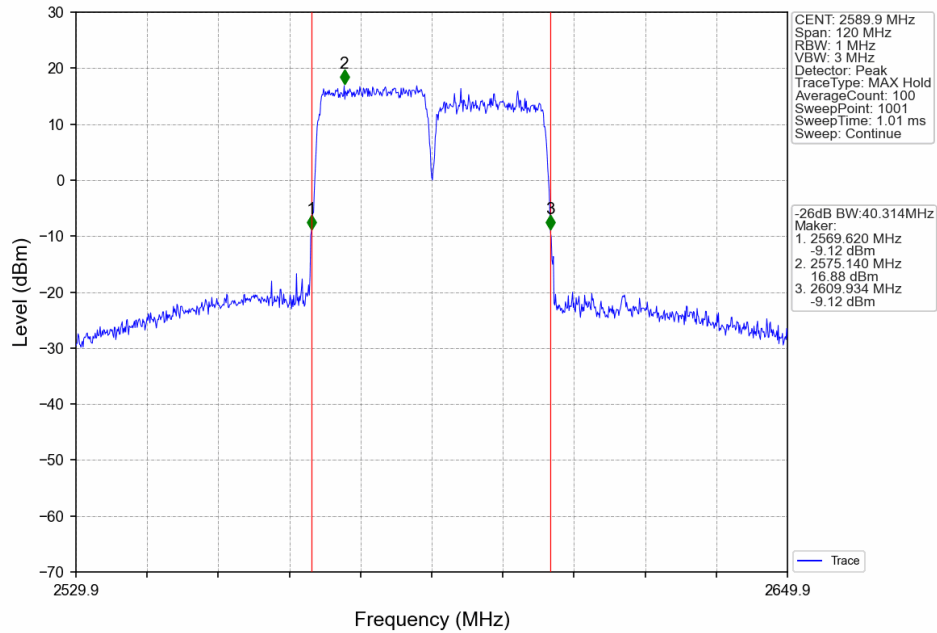
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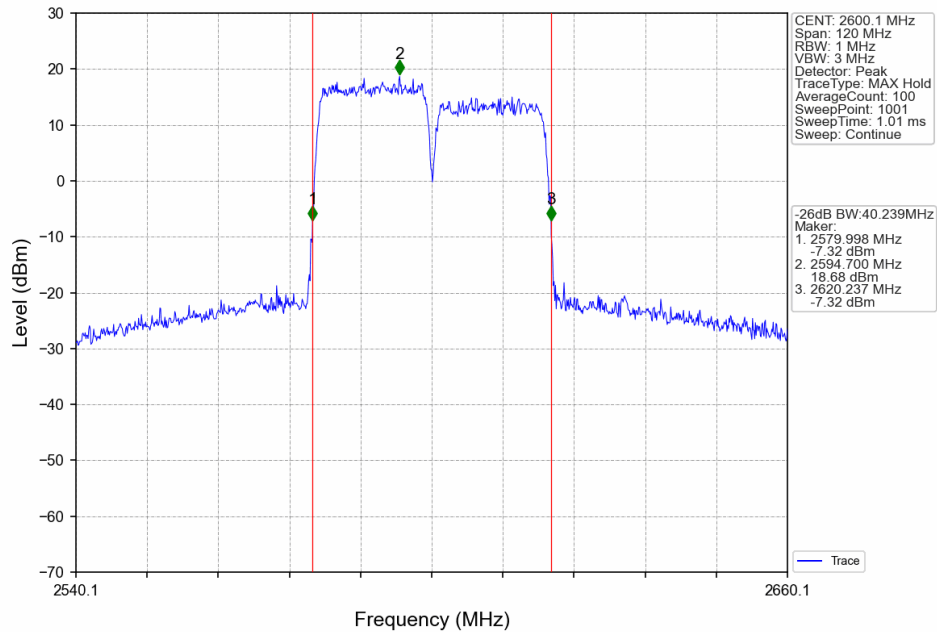
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3. Spurious Emission & Band Edges

3.1 CA_38C_NTNV

3.1.1 Test Result

Band: CA_38C / NTNv								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph				Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@74 CC2: 1@74	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph				Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:2590.2 CC2:2610	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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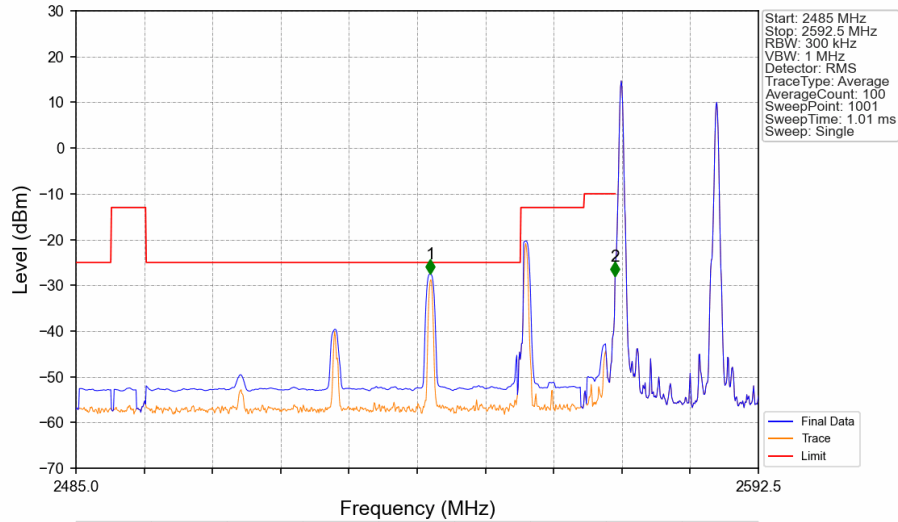
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3.1.2 Test Graph

CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 1@0_CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2540.793	-27.51	-25	Pass
2569	2570	0.3	/	2	2569.925	-28.10	-10	Pass
2570	2592.5	0.3	/	/	/	/	/	/

CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 1@0_CC2: 1@0



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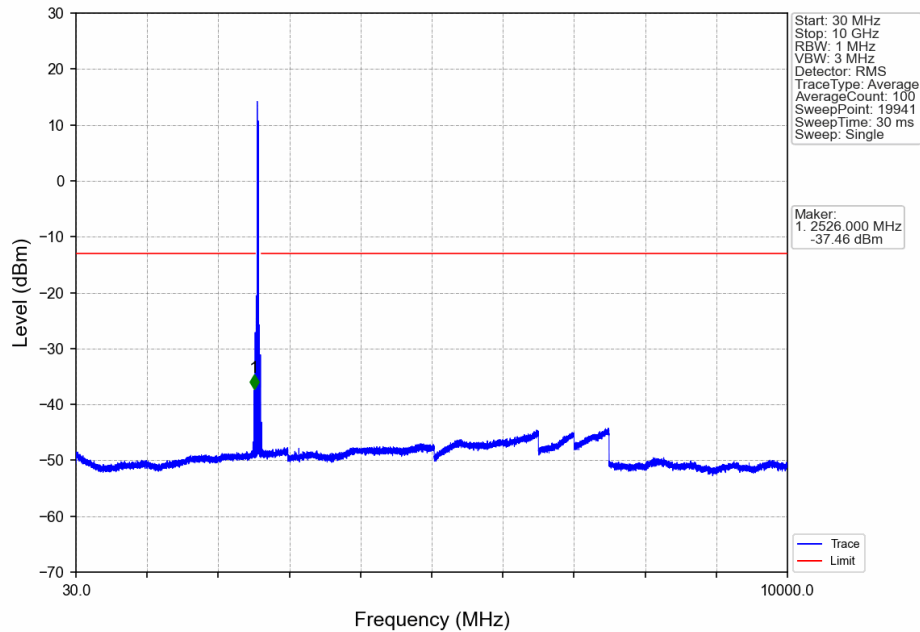
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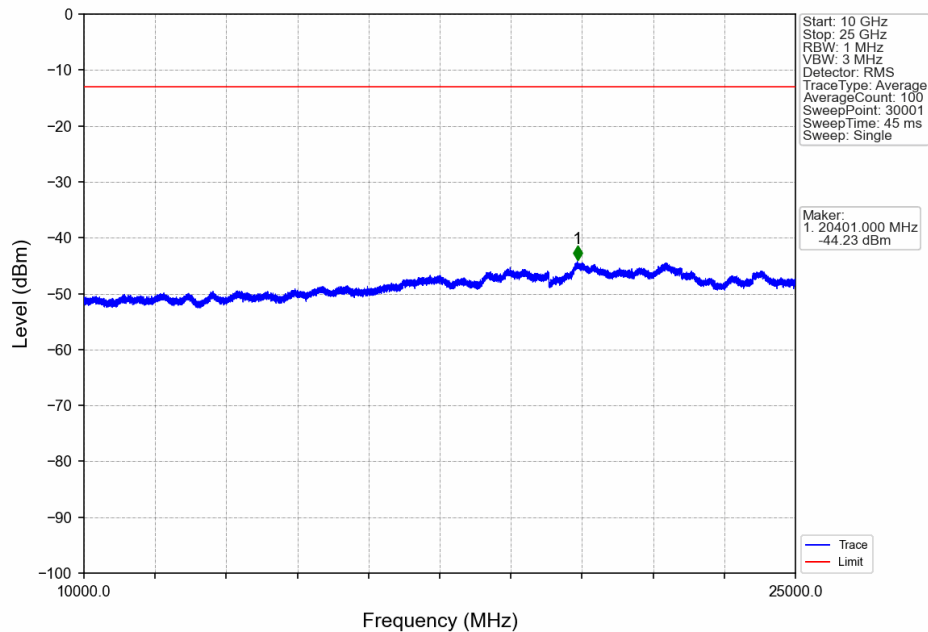
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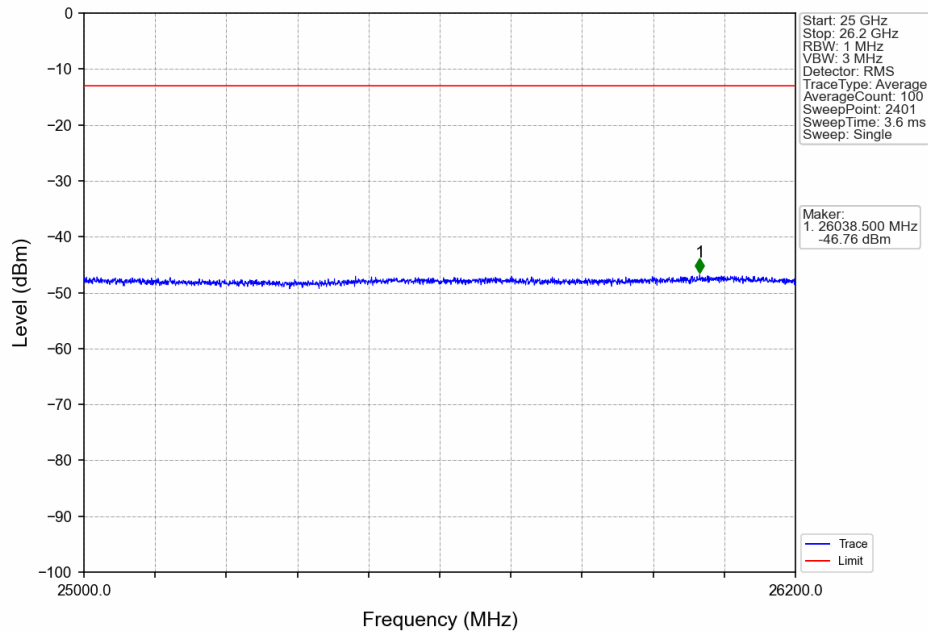
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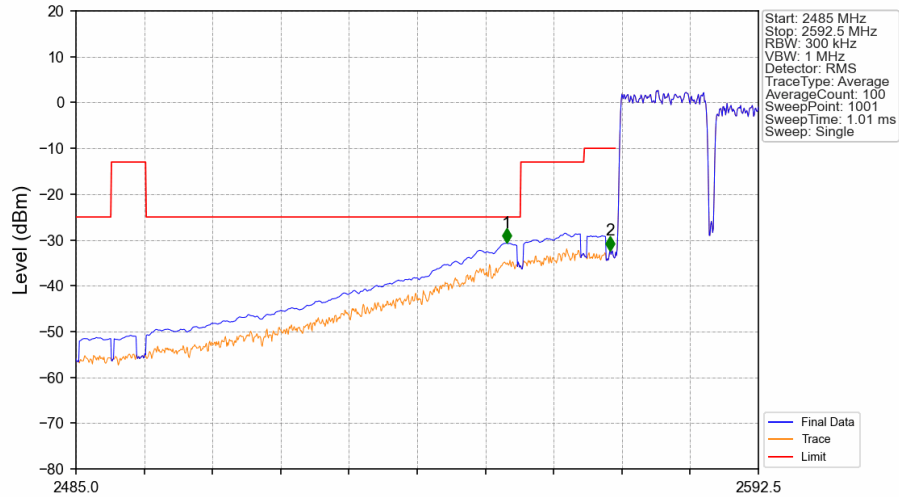
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2552.832	-30.68	-25	Pass
2569	2570	0.3	/	2	2569.173	-32.29	-10	Pass
2570	2592.5	0.3	/	/	/	/	/	/

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



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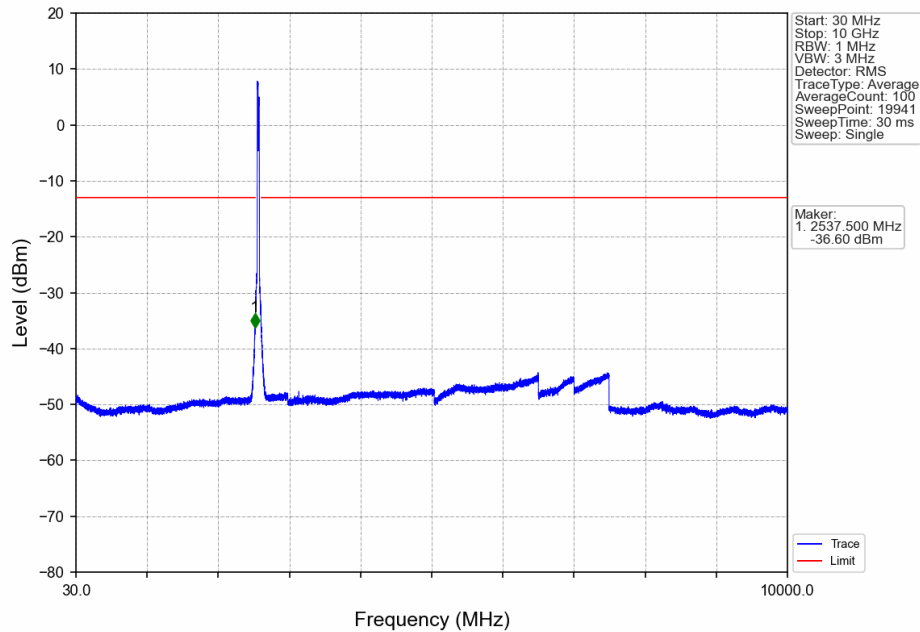
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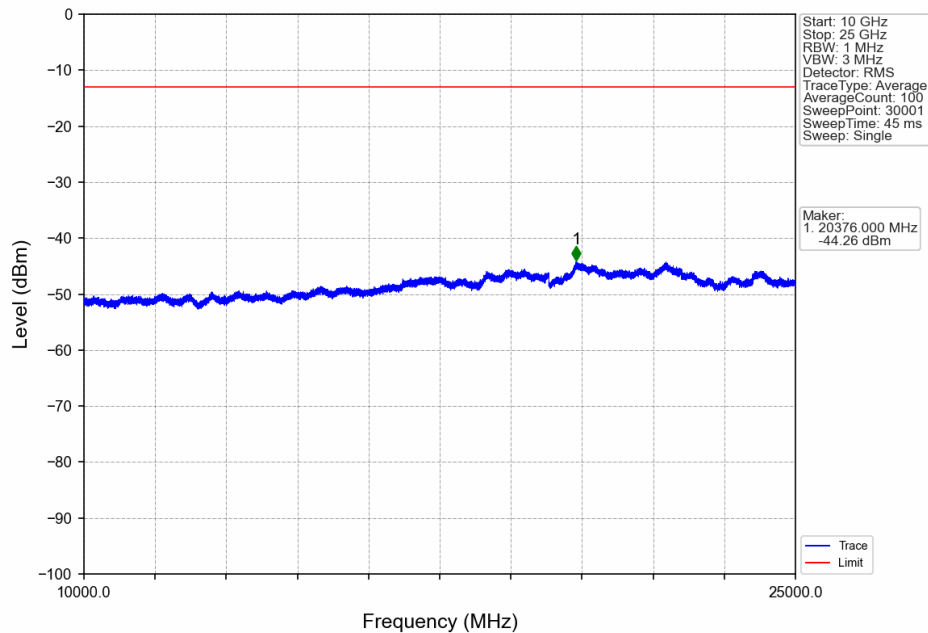
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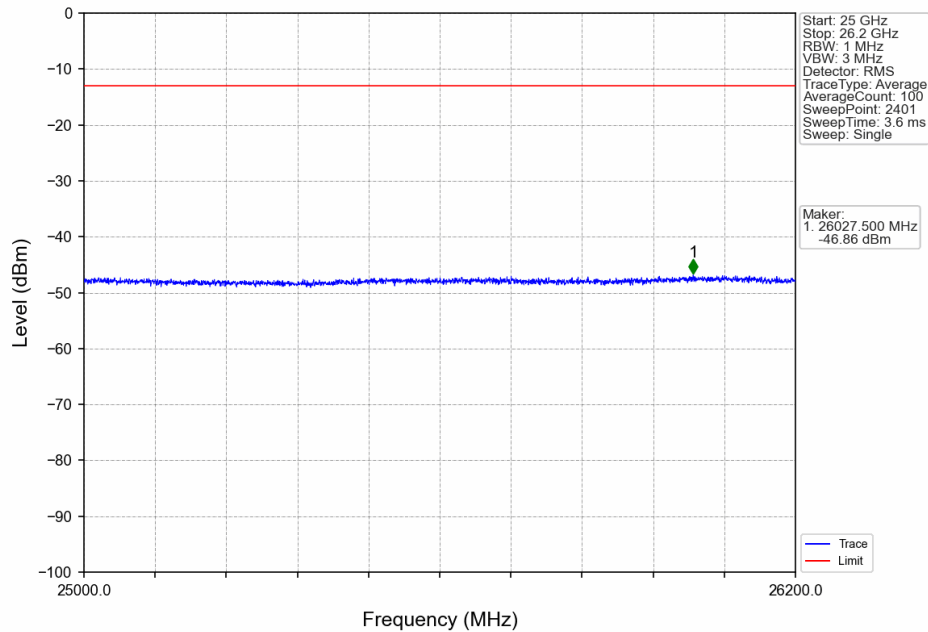
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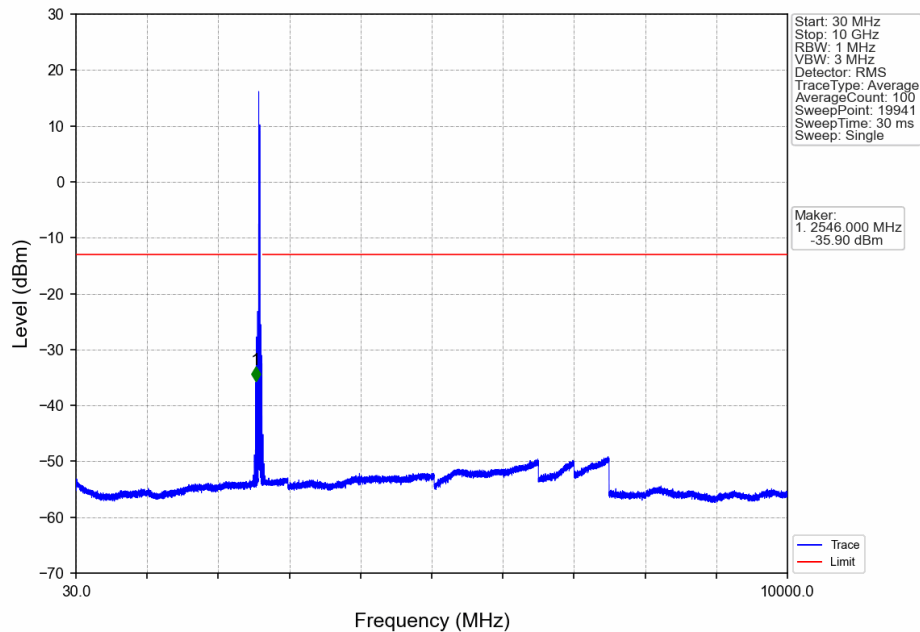
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CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0



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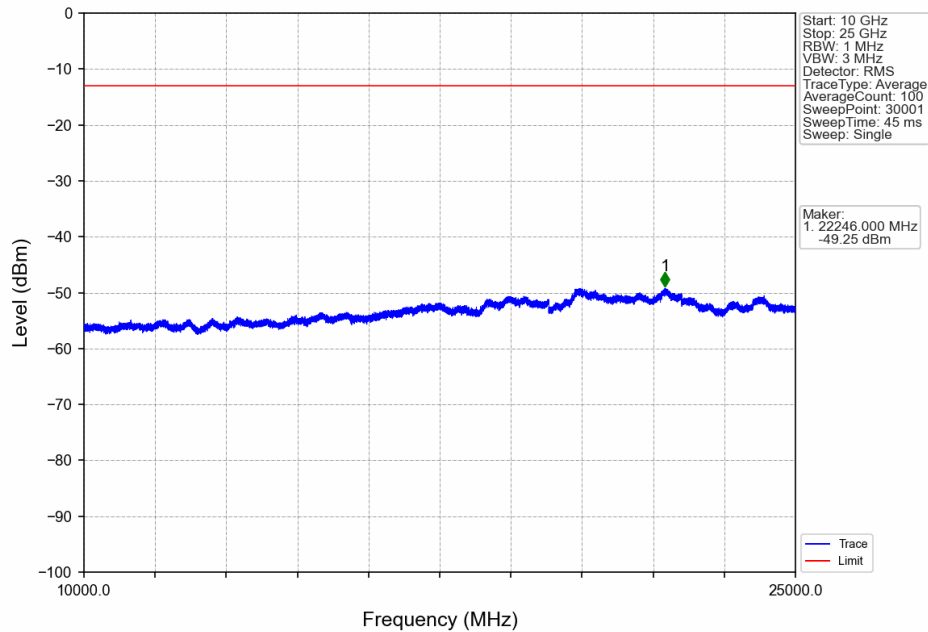
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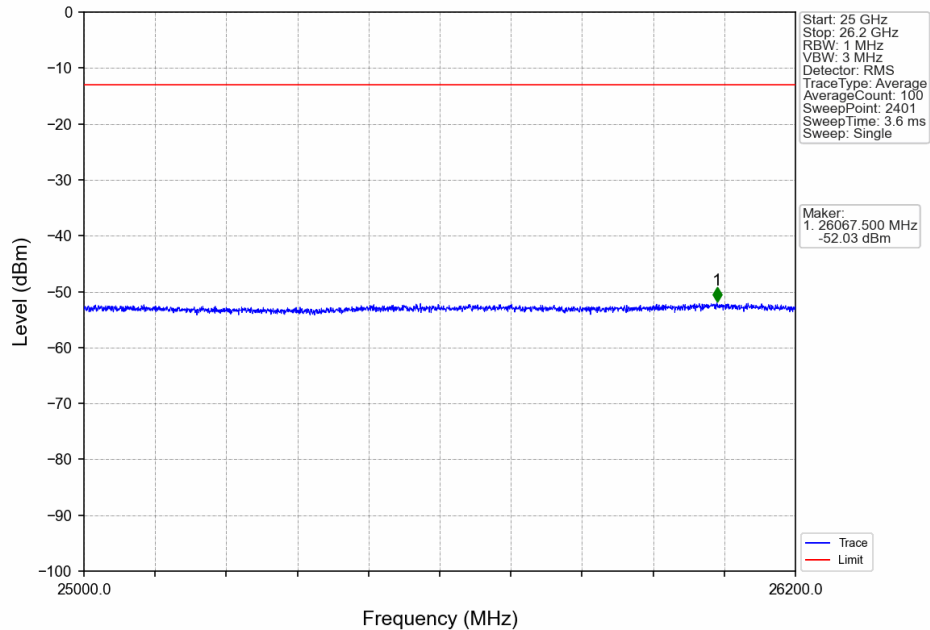
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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@74 CC2: 1@74



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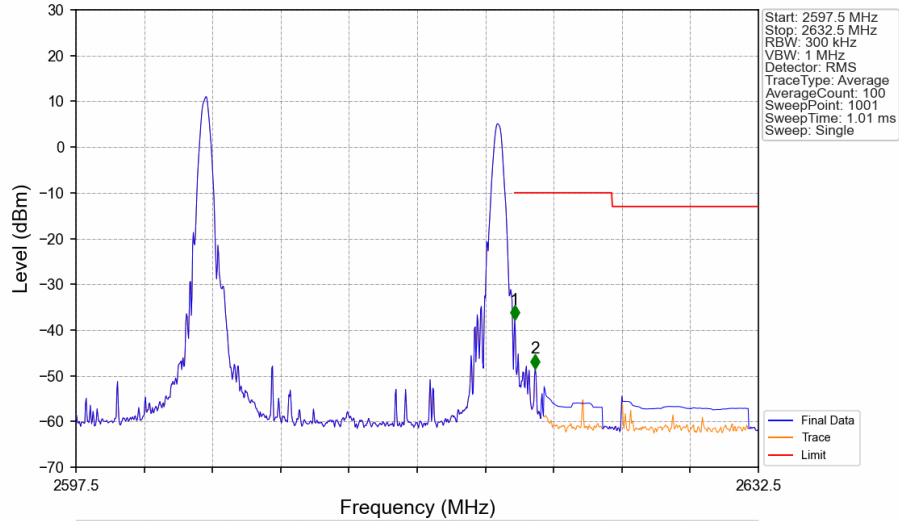
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.005	-37.72	-10	Pass
2621	2632.5	1	CHP	2	2621.055	-48.42	-10	Pass



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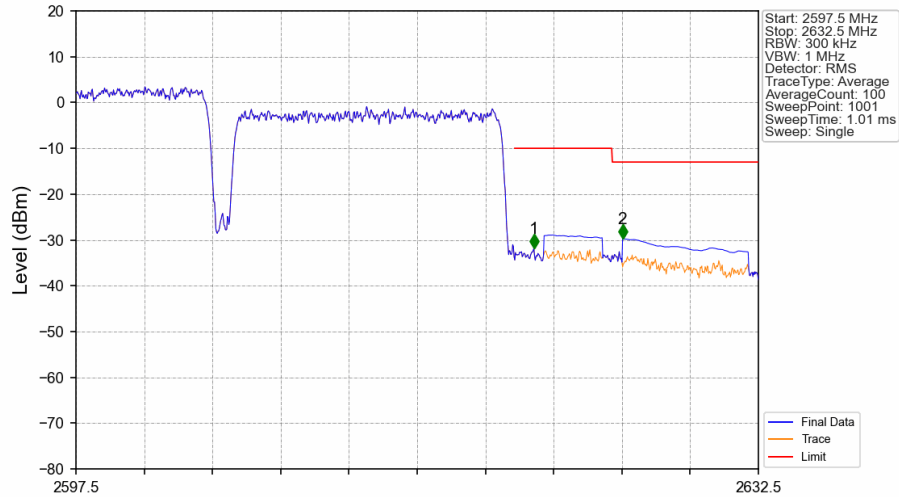
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	1	2620.985	-31.88	-10	Pass
2620	2632.5	1	CHP	2	2625.535	-29.78	-13	Pass

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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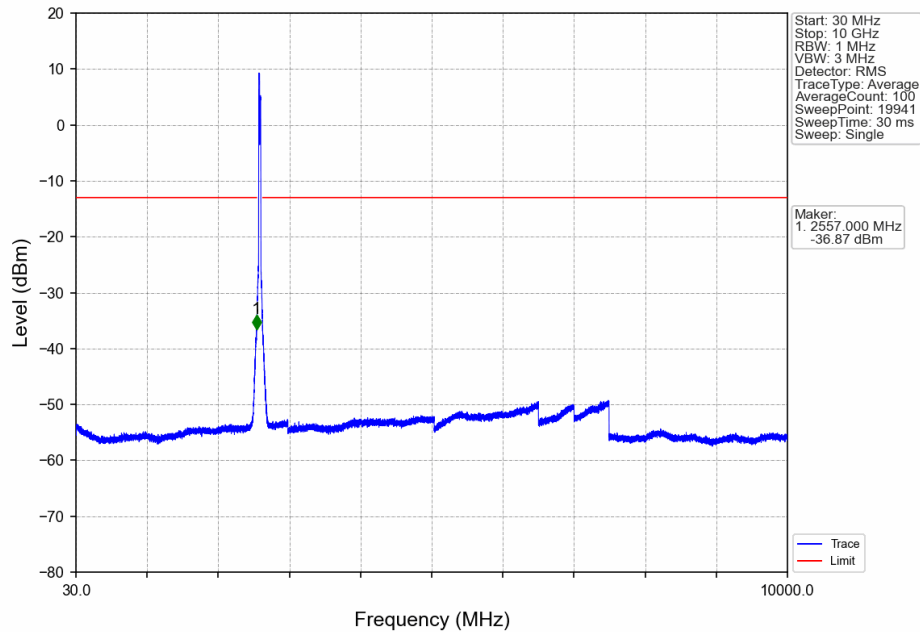
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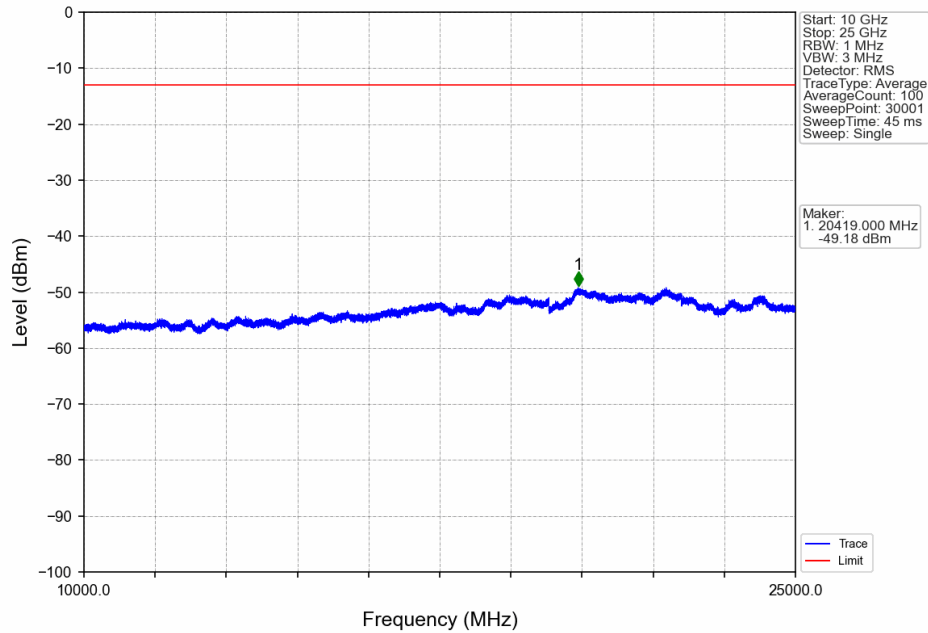
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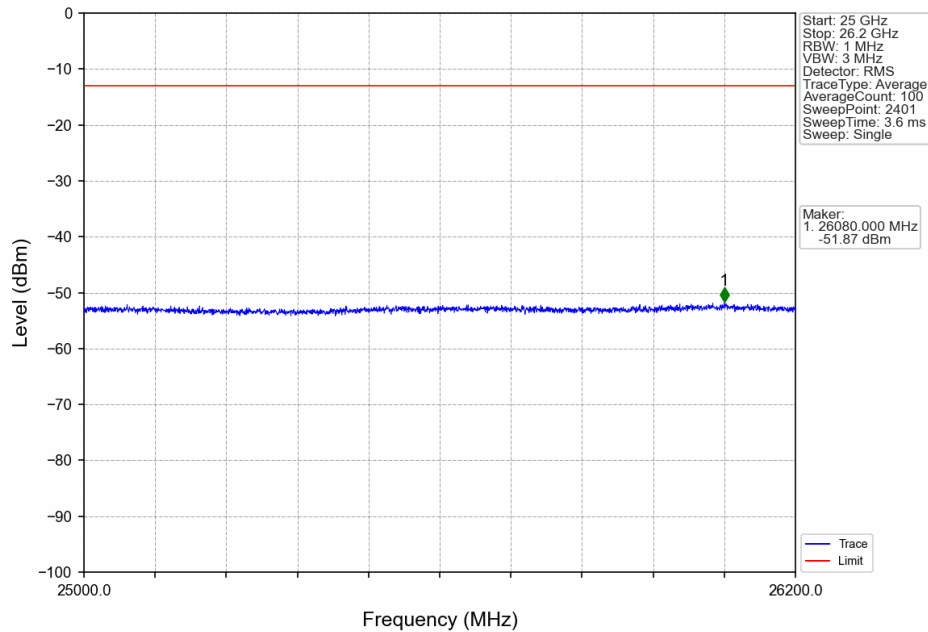
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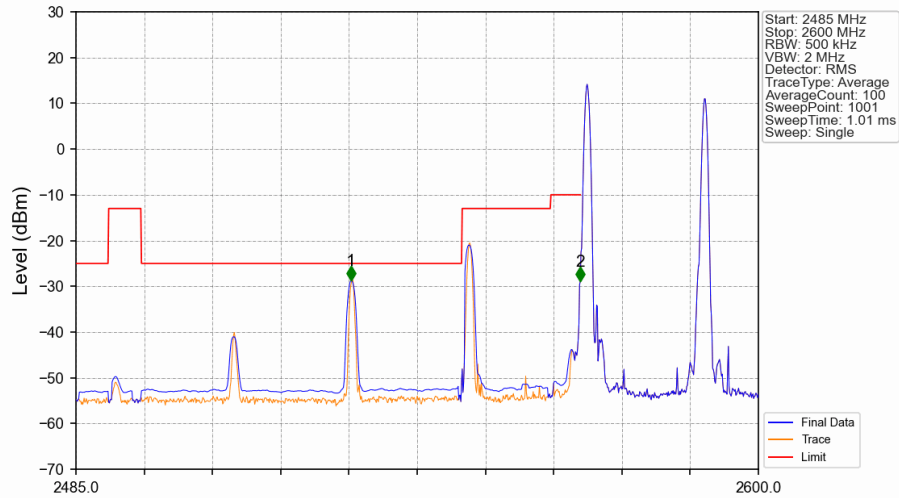
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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2531.345	-28.80	-25	Pass
2569	2570	0.5	/	2	2569.985	-28.95	-10	Pass
2570	2600	0.5	/	/	/	/	/	/

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



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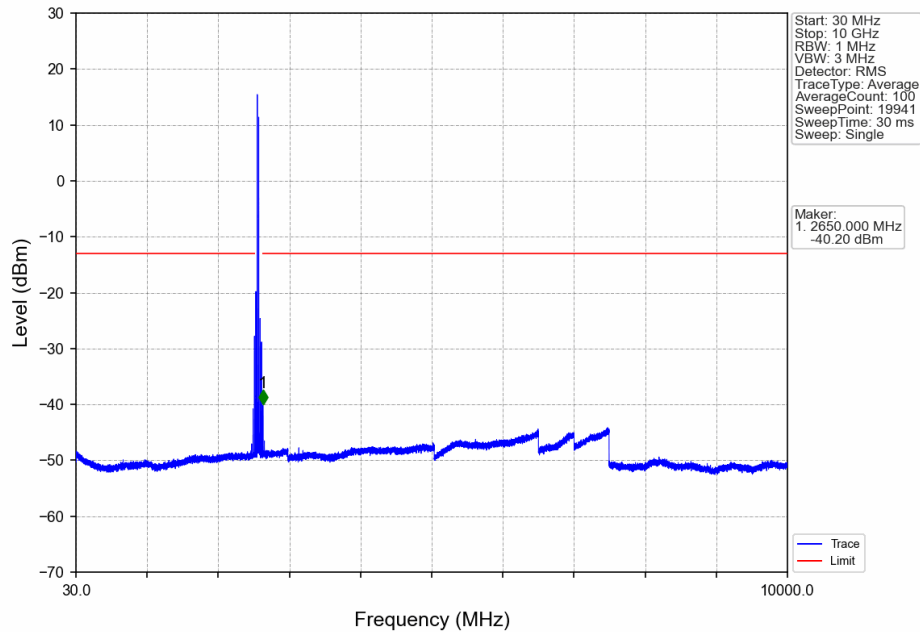
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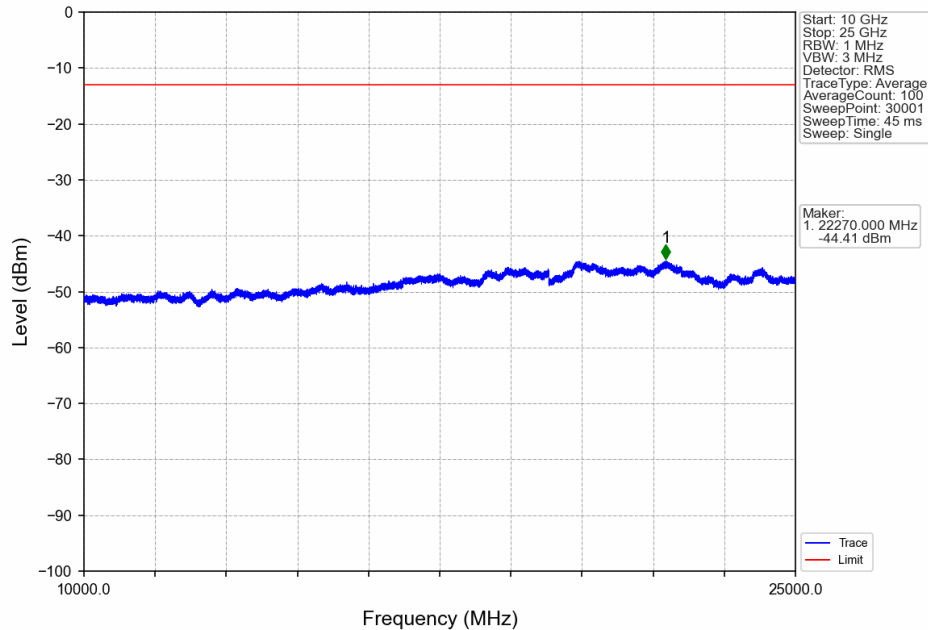
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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



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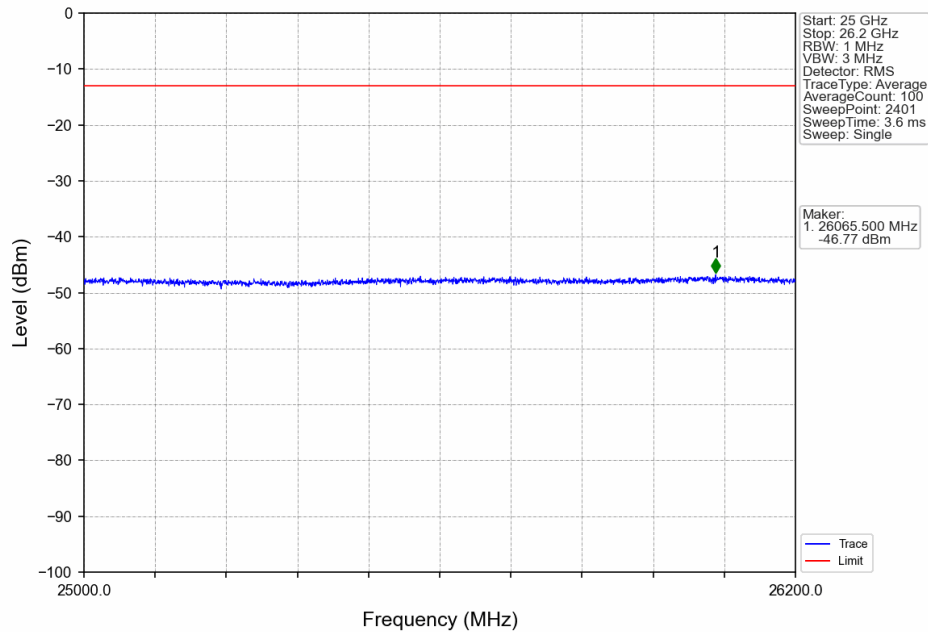
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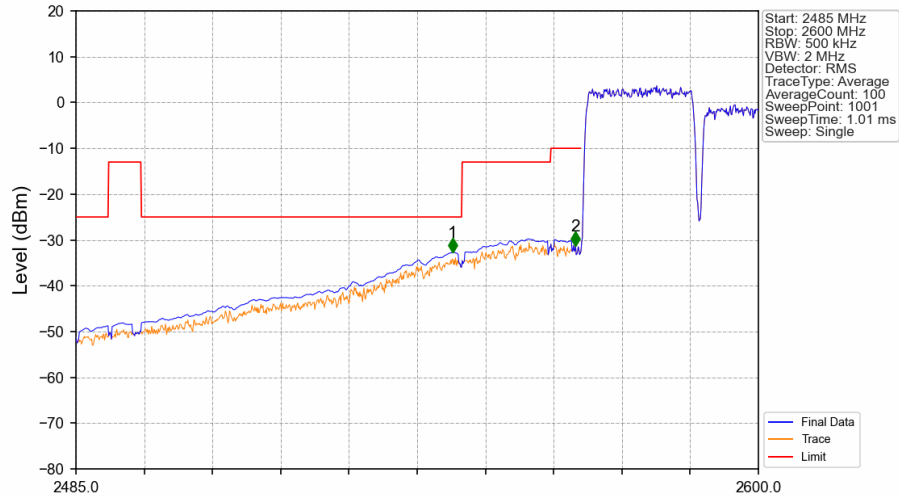
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2548.480	-32.69	-25	Pass
2569	2570	0.5	/	2	2569.180	-31.30	-10	Pass
2570	2600	0.5	/	/	/	/	/	/

CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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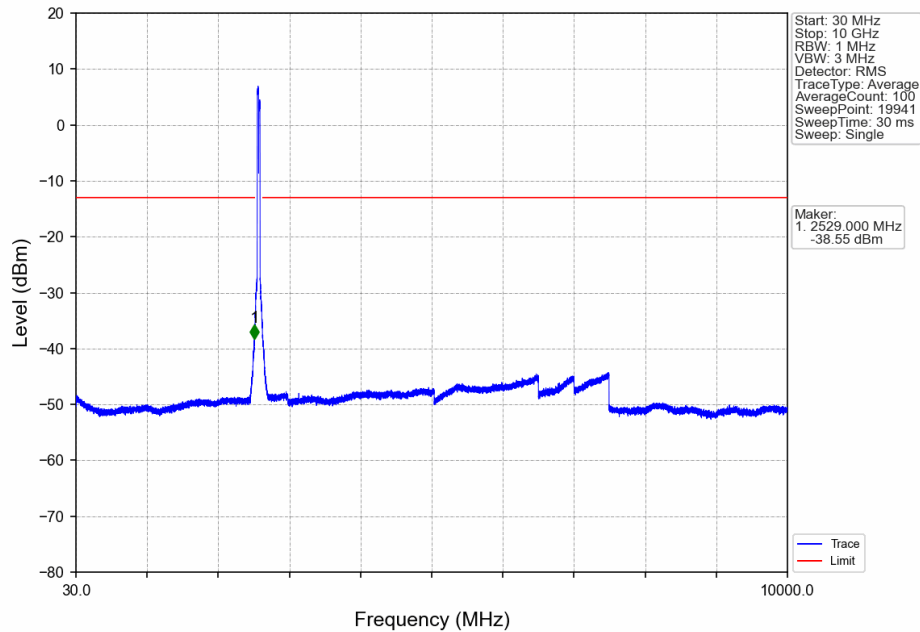
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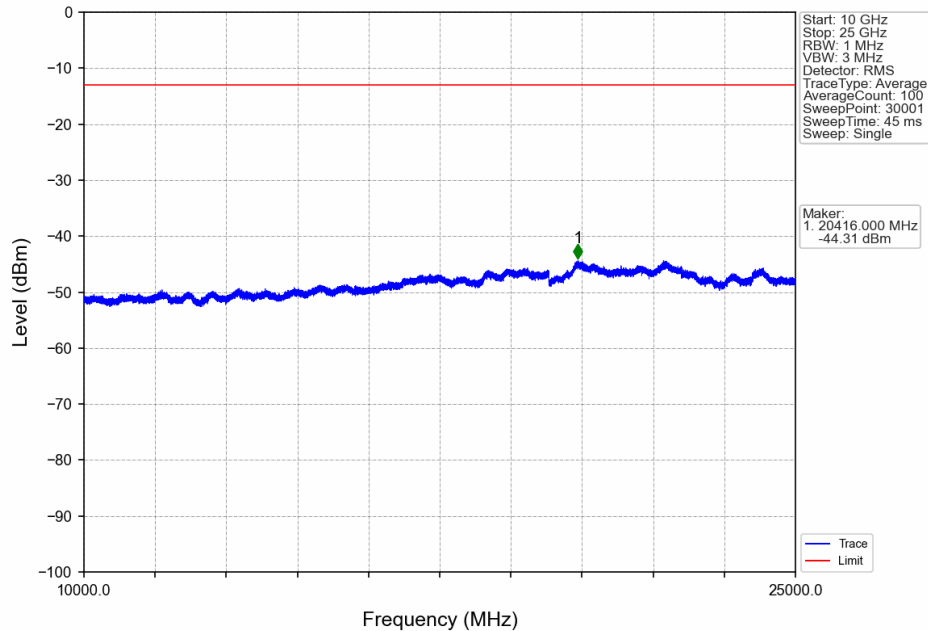
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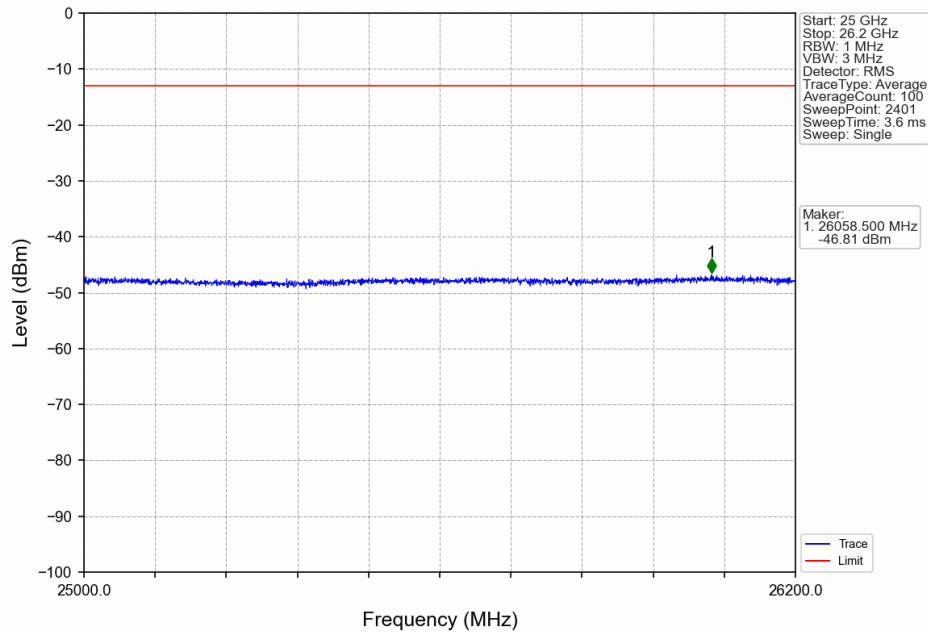
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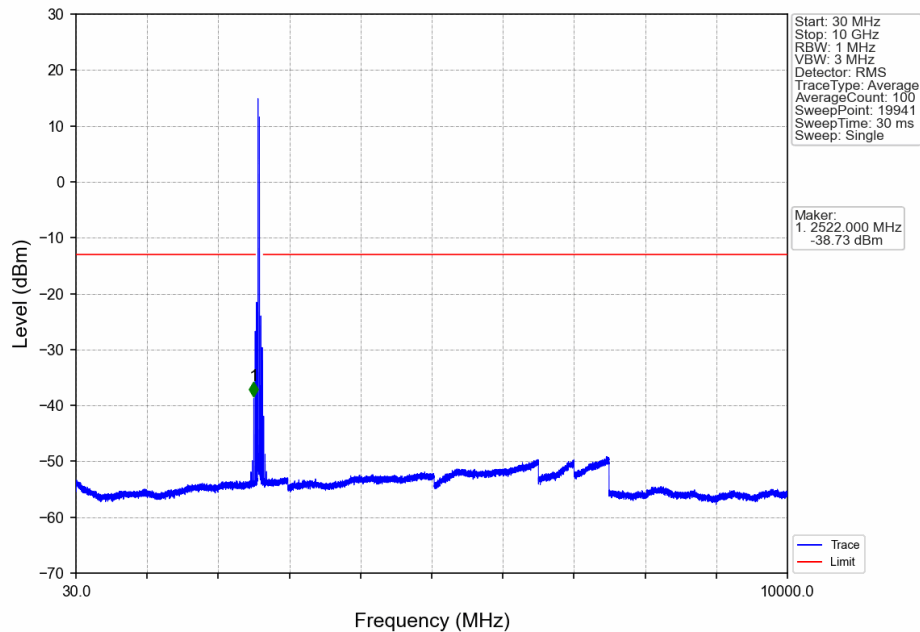
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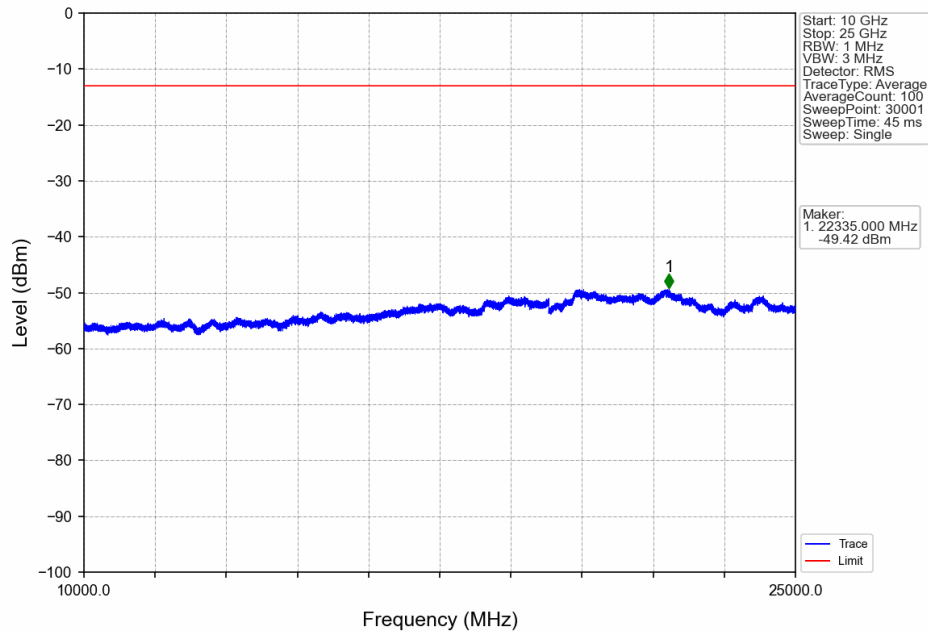
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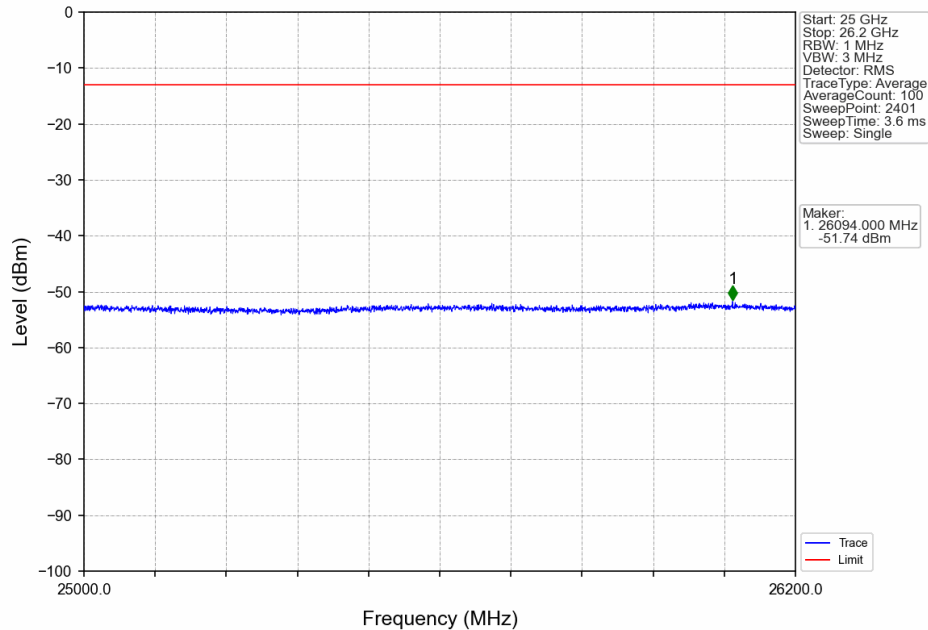
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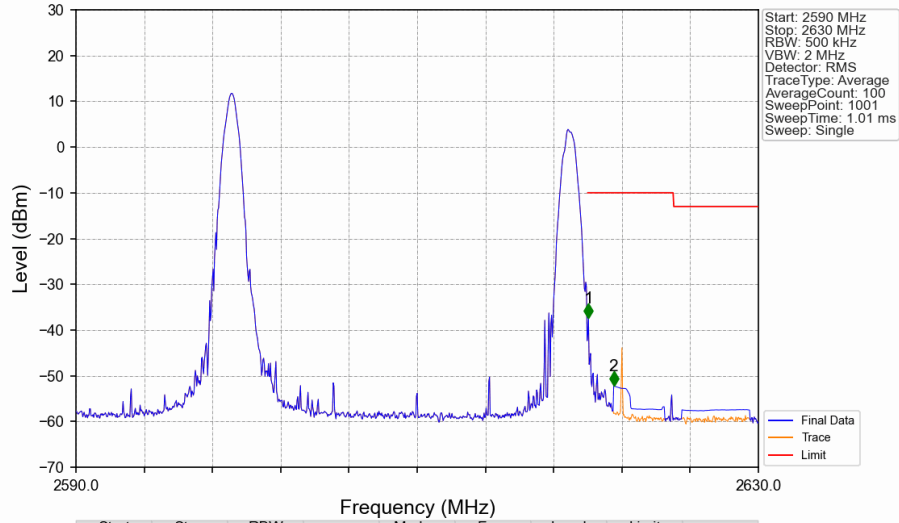
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.040	-37.34	-10	Pass
2621	2630	1	CHP	2	2621.520	-52.19	-10	Pass



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中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部

215000
邮编: 215000
t (86-512) 62992980
www.sgsgroup.com.cn
sgs.china@sgs.com

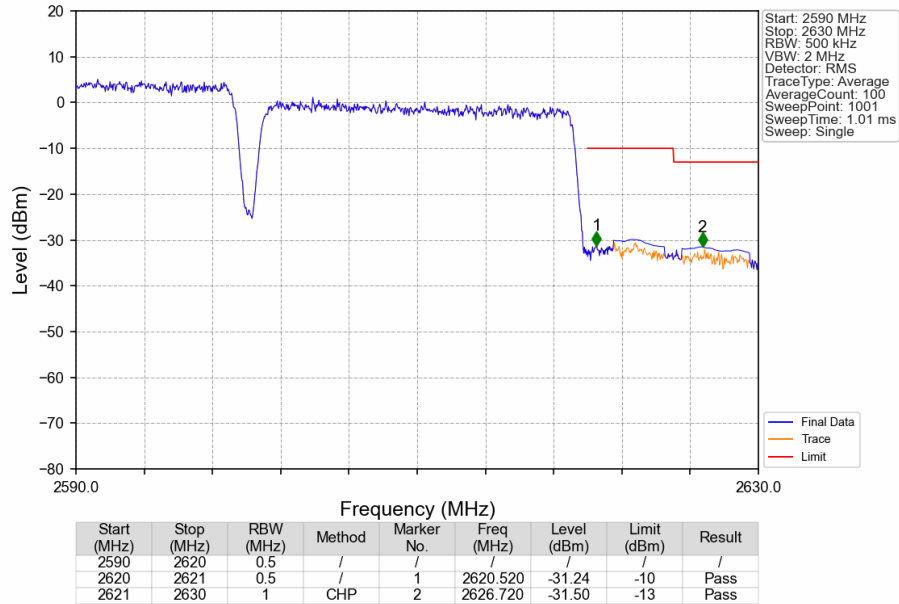
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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



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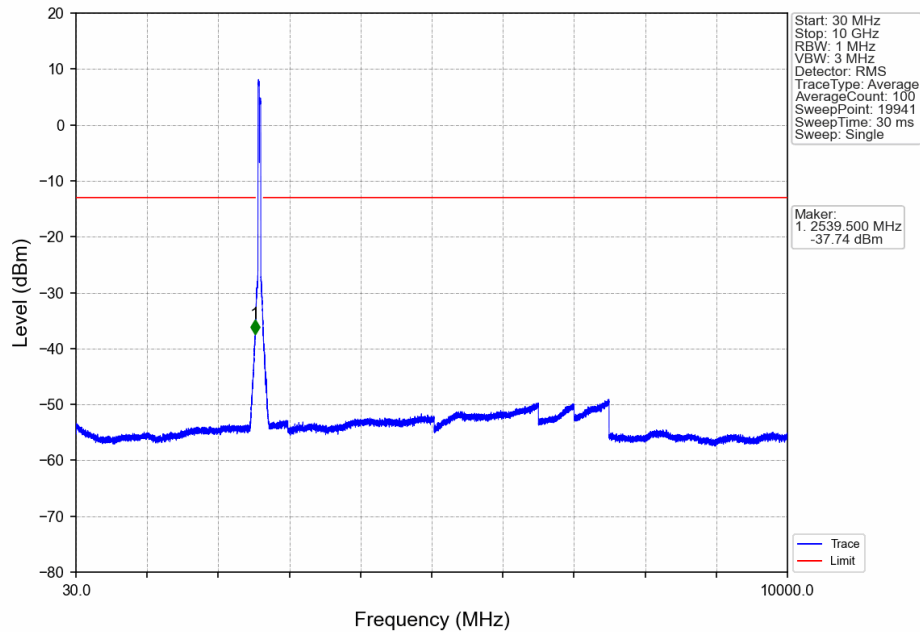
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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

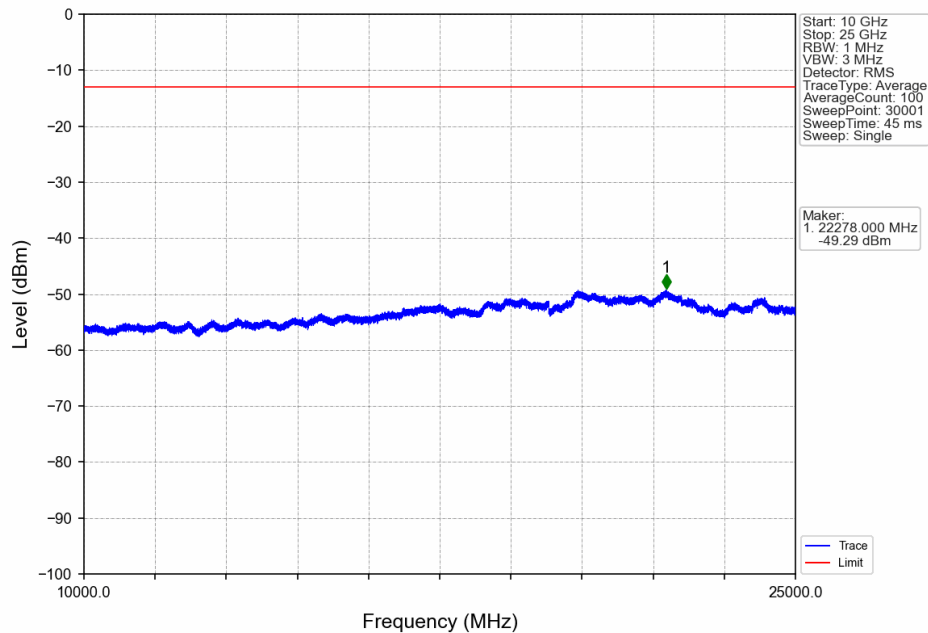
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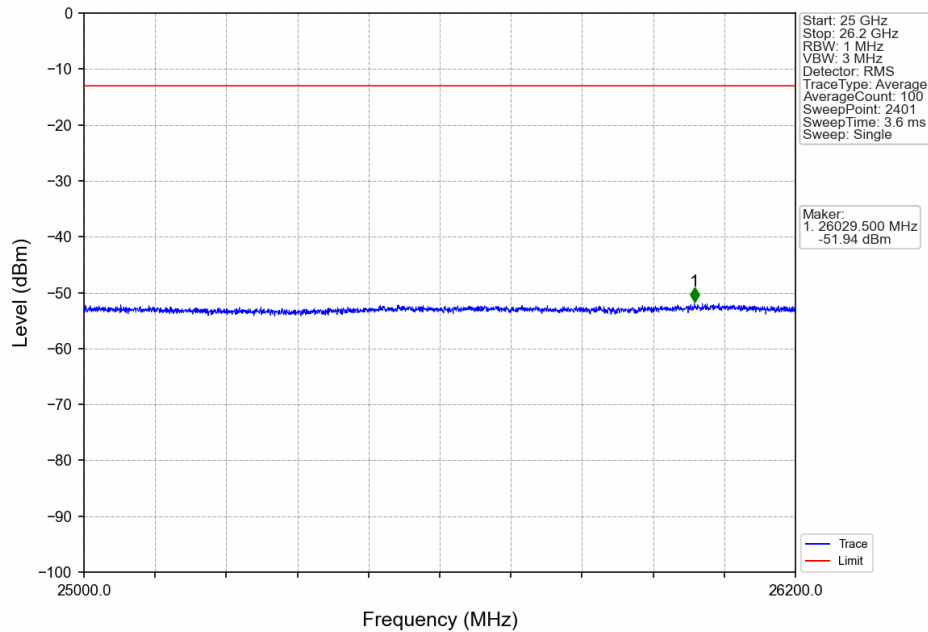
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t (86-512) 62992980 www.sgsgroup.com.cn
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4. Field Strength of Spurious Radiation

Test Band = LTE CA_38C_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3636.0212	54.05	-49.51	30.34	-60.38	-25.00	35.38	Horizontal
2	5297.0766	53.16	-46.73	33.21	-55.62	-25.00	30.62	Horizontal
3	8871.1957	51.06	-41.95	38.47	-47.68	-25.00	22.68	Horizontal
4	12556.3185	47.38	-37.15	39.44	-45.59	-25.00	20.59	Horizontal
5	14346.8782	48.01	-36.48	40.61	-43.12	-25.00	18.12	Horizontal
6	17993.9998	49.03	-38.98	42.76	-42.45	-25.00	17.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3611.5204	54.32	-49.54	30.25	-60.23	-25.00	35.23	Vertical
2	6247.1082	51.67	-45.16	34.39	-54.36	-25.00	29.36	Vertical
3	8545.6849	50.16	-41.45	39.00	-47.55	-25.00	22.55	Vertical
4	13004.8335	47.16	-36.54	40.10	-44.54	-25.00	19.54	Vertical
5	15019.9007	47.96	-35.03	39.88	-42.45	-25.00	17.45	Vertical
6	17993.4998	49.26	-38.98	42.76	-42.22	-25.00	17.22	Vertical



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Test Band = LTE CA_38C_TM1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3612.5204	54.48	-49.54	30.25	-60.07	-25.00	35.07	Horizontal
2	5085.5695	53.04	-47.47	33.47	-56.22	-25.00	31.22	Horizontal
3	7381.6461	51.08	-43.64	36.84	-50.98	-25.00	25.98	Horizontal
4	10676.7559	48.16	-39.35	39.45	-47.00	-25.00	22.00	Horizontal
5	15019.4006	47.38	-35.03	39.88	-43.03	-25.00	18.03	Horizontal
6	17995.4998	48.94	-38.98	42.77	-42.53	-25.00	17.53	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3972.0324	53.40	-49.29	30.99	-60.16	-25.00	35.16	Vertical
2	5102.5701	53.01	-47.46	33.51	-56.20	-25.00	31.20	Vertical
3	6692.6231	51.81	-44.78	35.84	-52.39	-25.00	27.39	Vertical
4	9512.2171	48.90	-40.73	39.18	-47.91	-25.00	22.91	Vertical
5	13638.3546	47.36	-36.28	40.05	-44.13	-25.00	19.13	Vertical
6	18000	48.88	-38.99	42.80	-42.57	-25.00	17.57	Vertical



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Test Band = LTE CA_38C_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3633.5211	54.03	-49.52	30.33	-60.42	-25.00	35.42	Horizontal
2	5140.0713	52.97	-47.24	33.58	-55.95	-25.00	30.95	Horizontal
3	7982.6661	50.67	-43.05	37.43	-50.21	-25.00	25.21	Horizontal
4	10715.2572	48.17	-39.24	39.53	-46.80	-25.00	21.80	Horizontal
5	15028.901	47.51	-35.15	39.87	-43.03	-25.00	18.03	Horizontal
6	17987.9996	49.08	-38.97	42.73	-42.42	-25.00	17.42	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3887.5296	53.57	-49.38	30.55	-60.52	-25.00	35.52	Vertical
2	6110.1037	51.69	-45.80	34.46	-54.91	-25.00	29.91	Vertical
3	8893.6965	50.83	-41.93	38.34	-48.02	-25.00	23.02	Vertical
4	11866.7956	47.68	-38.08	39.63	-46.03	-25.00	21.03	Vertical
5	15029.401	47.41	-35.16	39.87	-43.14	-25.00	18.14	Vertical
6	17985.4995	49.20	-38.97	42.71	-42.32	-25.00	17.32	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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