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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	24.23	27.3	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	23.31	26.38	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-0RB#0	24.18	27.25	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	23.12	26.19	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-0RB#0	24.35	27.42	33	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	23.41	26.48	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#0-0RB#0	23.15	26.22	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	22.14	25.21	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#0-0RB#0	23.19	26.26	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	22.15	25.22	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#0-0RB#0	23.58	26.65	33	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	22.54	25.61	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-0RB#0	22.13	25.2	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	22.31	25.38	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-0RB#0	22.46	25.53	33	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	22.48	25.55	33	PASS



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38-38	15MHZ-15MHZ	64QAM-64QAM	38025-38175	1RB#0-0RB#0	22.68	25.75	33	PASS
38-38	15MHZ-15MHZ	64QAM-64QAM	38025-38175	75RB#0-75RB#0	22.37	25.44	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37825-37975	1RB#0-0RB#0	19.13	22.2	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37825-37975	75RB#0-75RB#0	20.35	23.42	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37925-38075	1RB#0-0RB#0	19.48	22.55	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	37925-38075	75RB#0-75RB#0	20.21	23.28	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	38025-38175	1RB#0-0RB#0	19.3	22.37	33	PASS
38-38	15MHZ-15MHZ	256QAM-256QAM	38025-38175	75RB#0-75RB#0	20.31	23.38	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37850-38048	100RB#0-100RB#0	23.15	26.22	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37850-38048	1RB#0-0RB#0	24.33	27.4	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37901-38099	100RB#0-100RB#0	23.18	26.25	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37901-38099	1RB#0-0RB#0	24.33	27.4	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37952-38150	100RB#0-100RB#0	23.33	26.4	33	PASS
38-38	20MHZ-20MHZ	QPSK-QPSK	37952-38150	1RB#0-0RB#0	24.1	27.17	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37850-38048	100RB#0-100RB#0	22.08	25.15	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37850-38048	1RB#0-0RB#0	23.21	26.28	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37901-38099	100RB#0-100RB#0	22.27	25.34	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37901-38099	1RB#0-0RB#0	23.3	26.37	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37952-38150	100RB#0-100RB#0	22.34	25.41	33	PASS
38-38	20MHZ-20MHZ	16QAM-16QAM	37952-38150	1RB#0-0RB#0	23.28	26.35	33	PASS



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Table with 9 columns: Test ID, Frequency, Modulation, Channel Bandwidth, Modulation Bandwidth, Power Spectral Density, Power Spectral Density, and Result. It contains 13 rows of test data, all showing 'PASS' results.



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2. 99% & 26dB Bandwidth

2.1 CA_38C_NTNV_OBW

2.1.1 Test Result

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

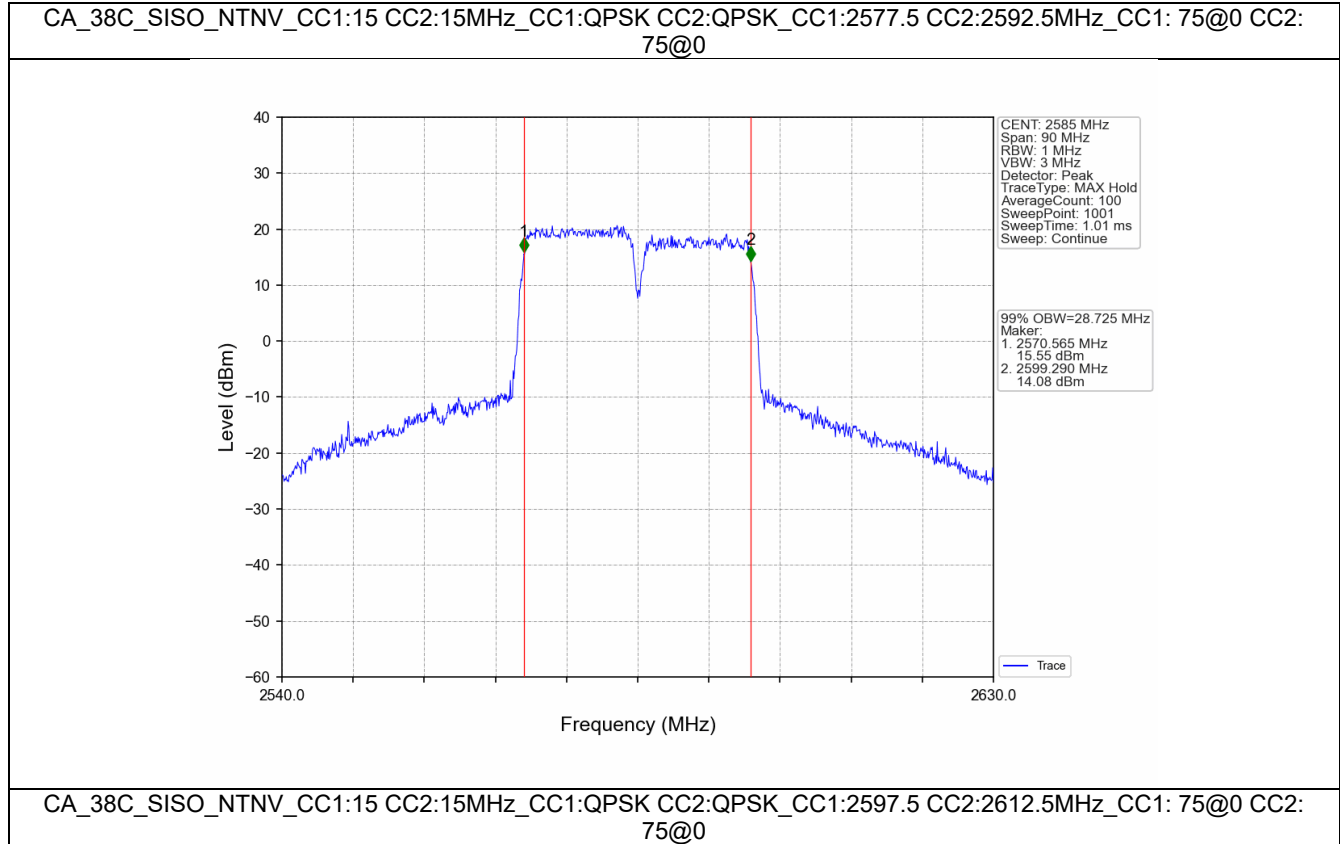


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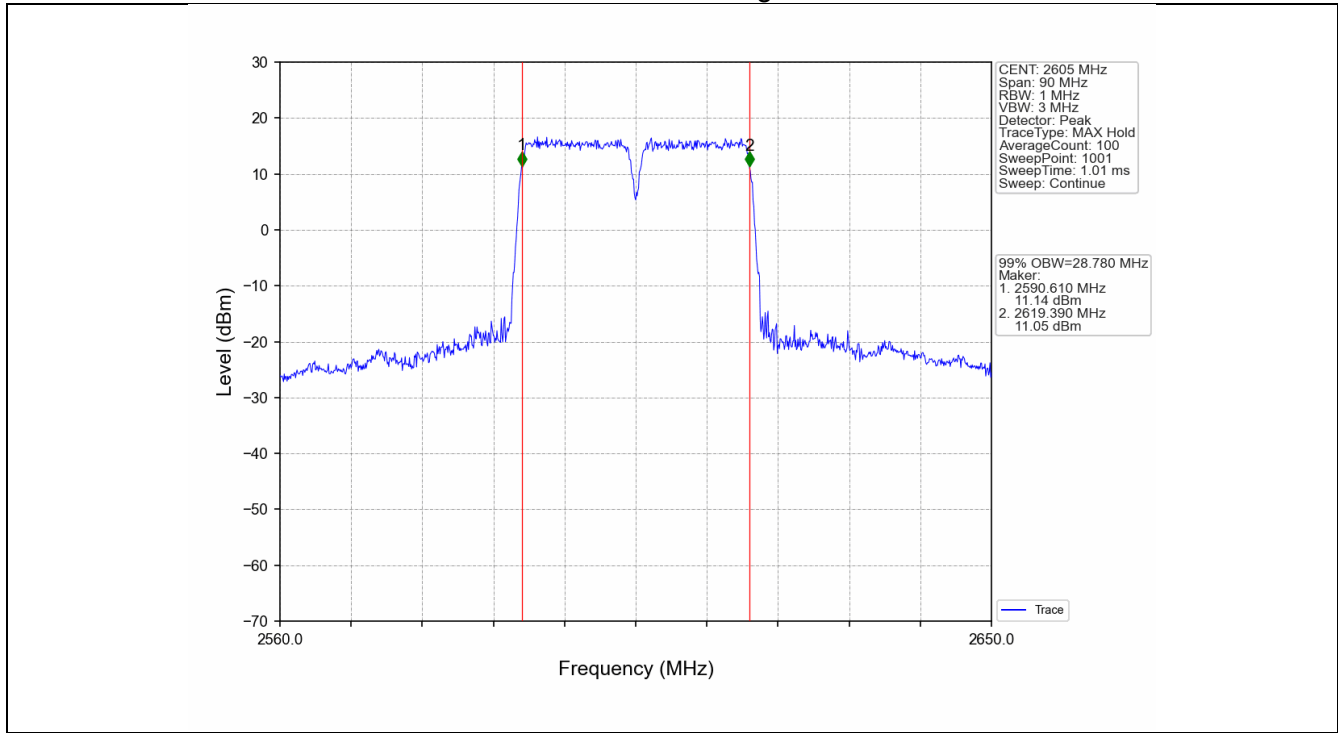
2.1.2 Test Graph



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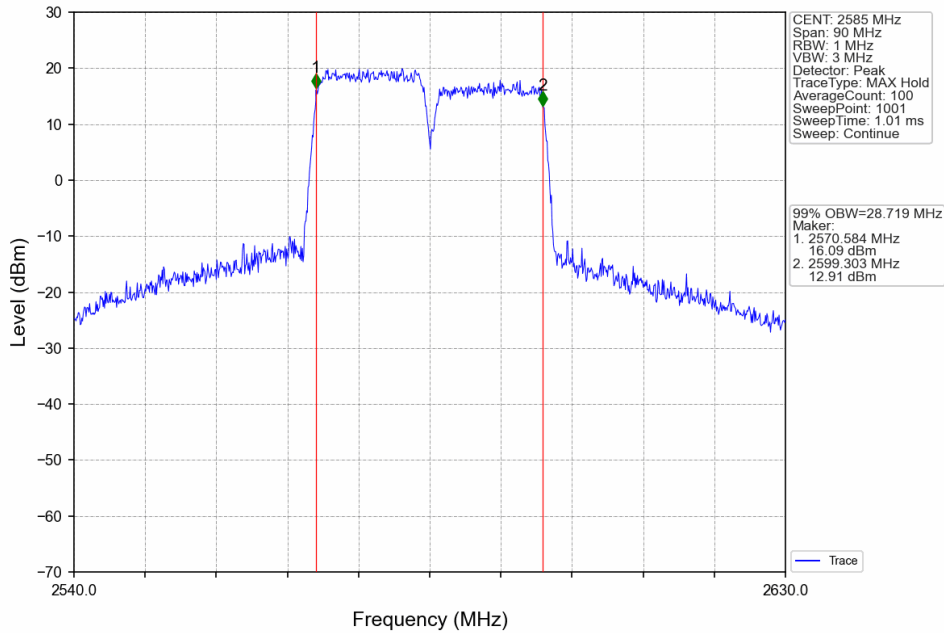


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



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



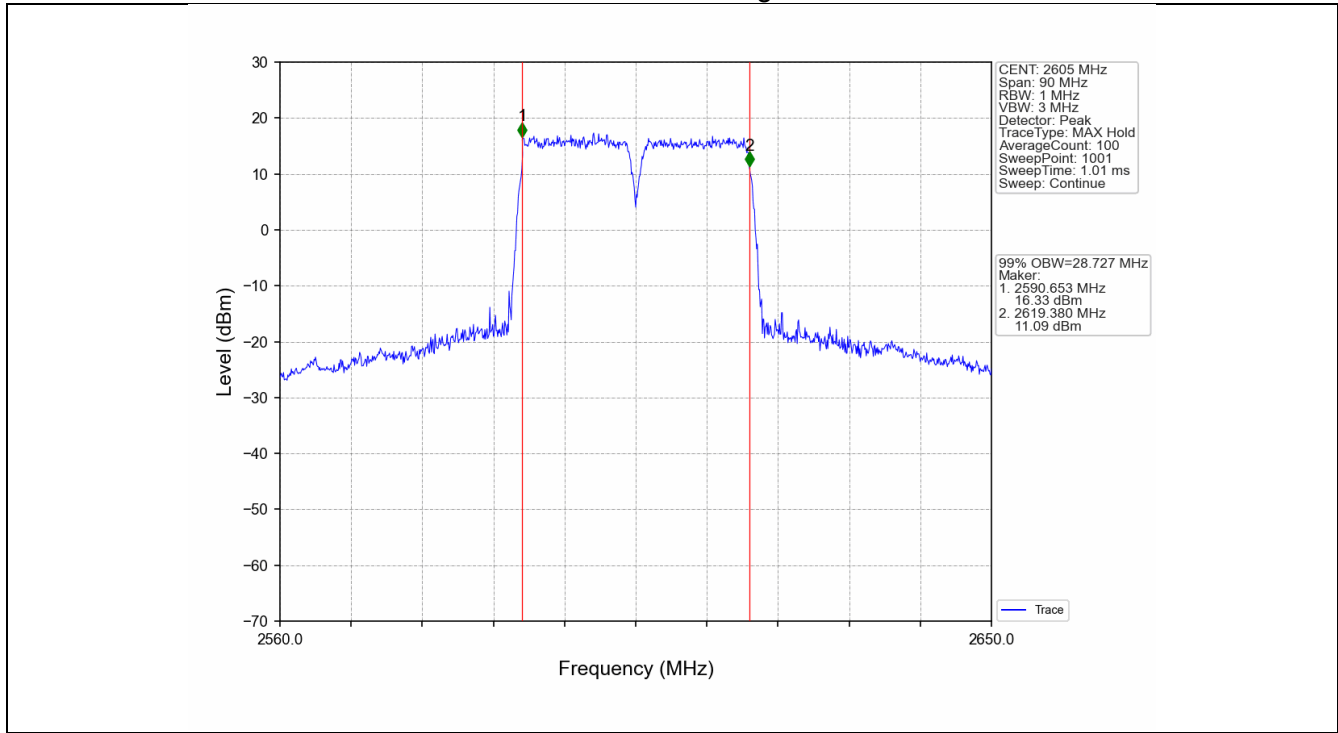
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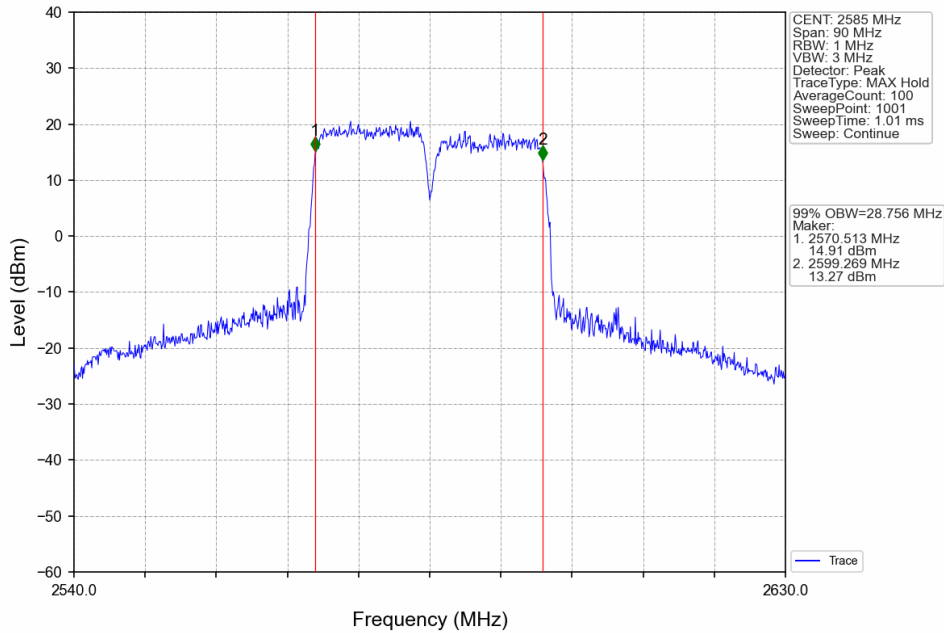


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



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

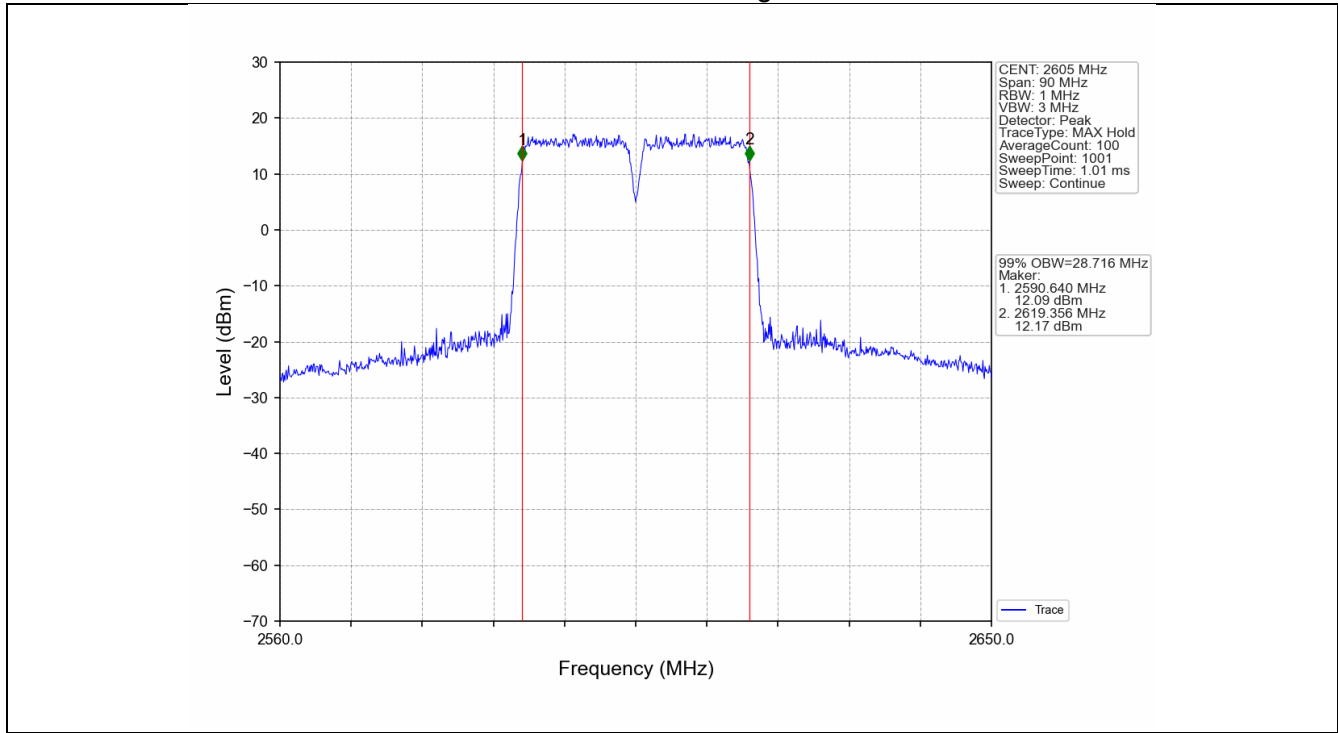


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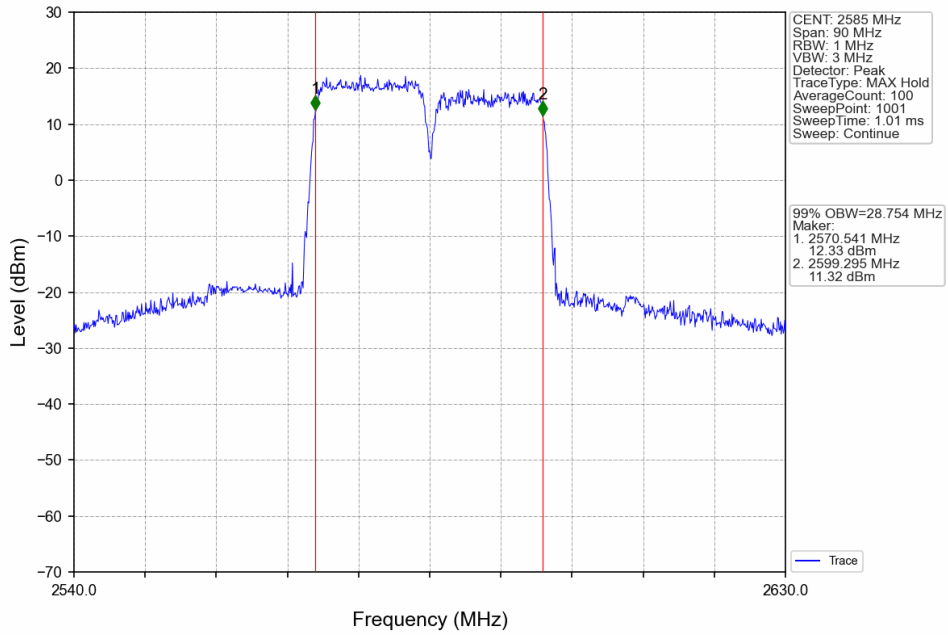


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



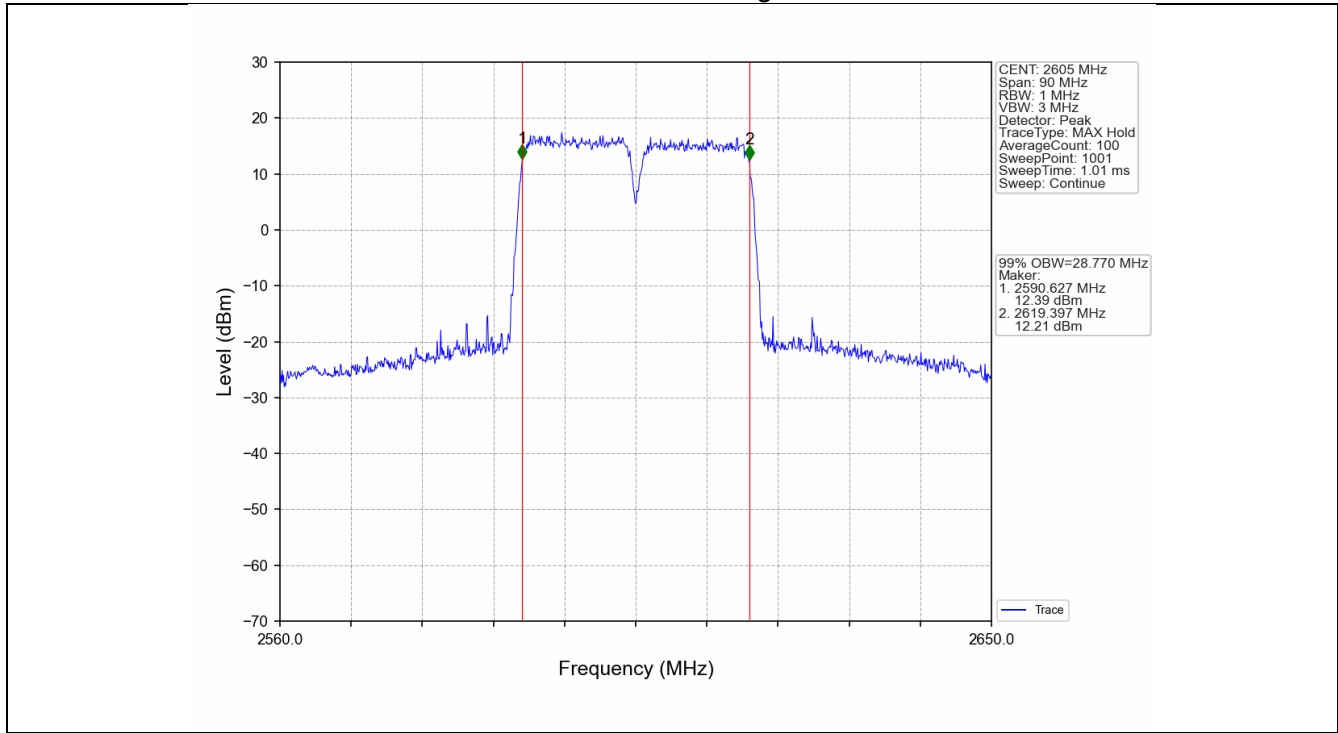
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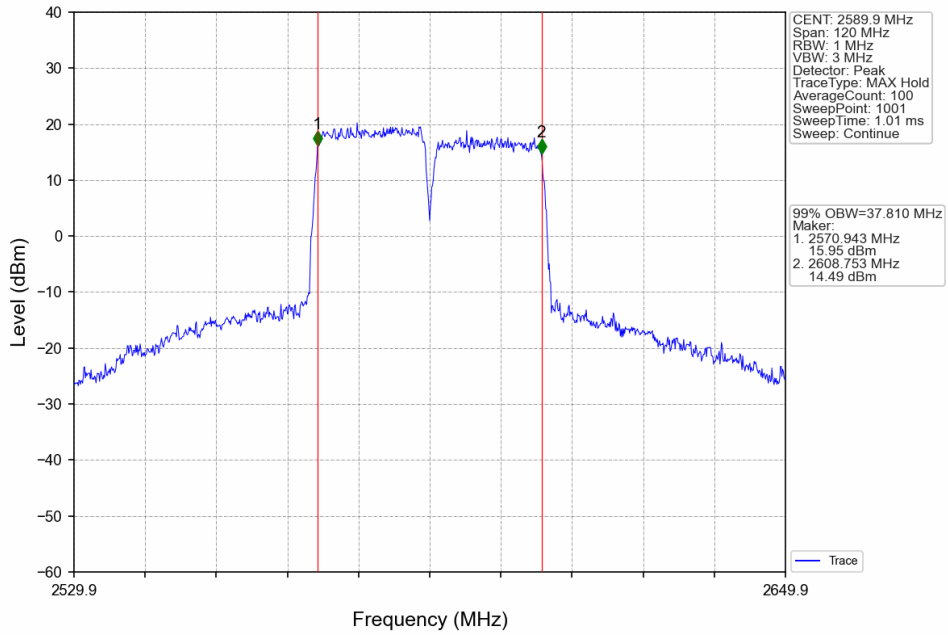


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



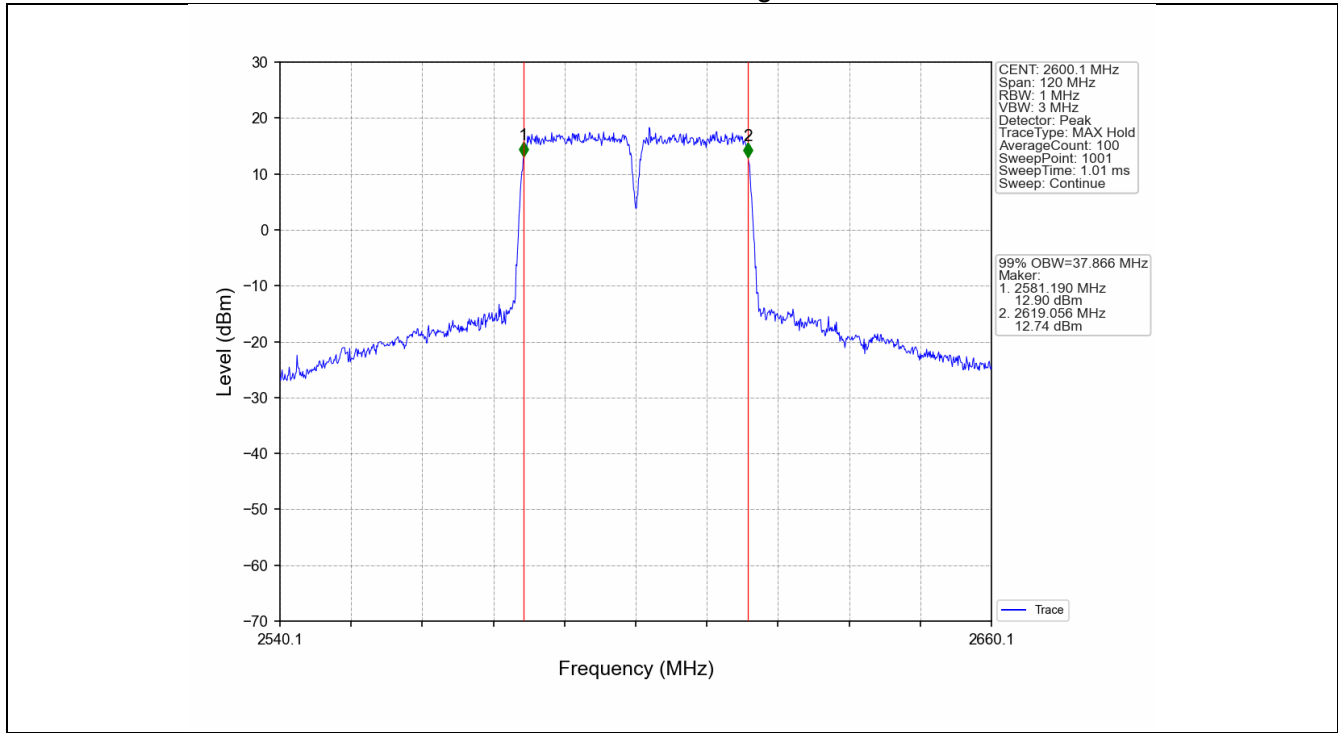
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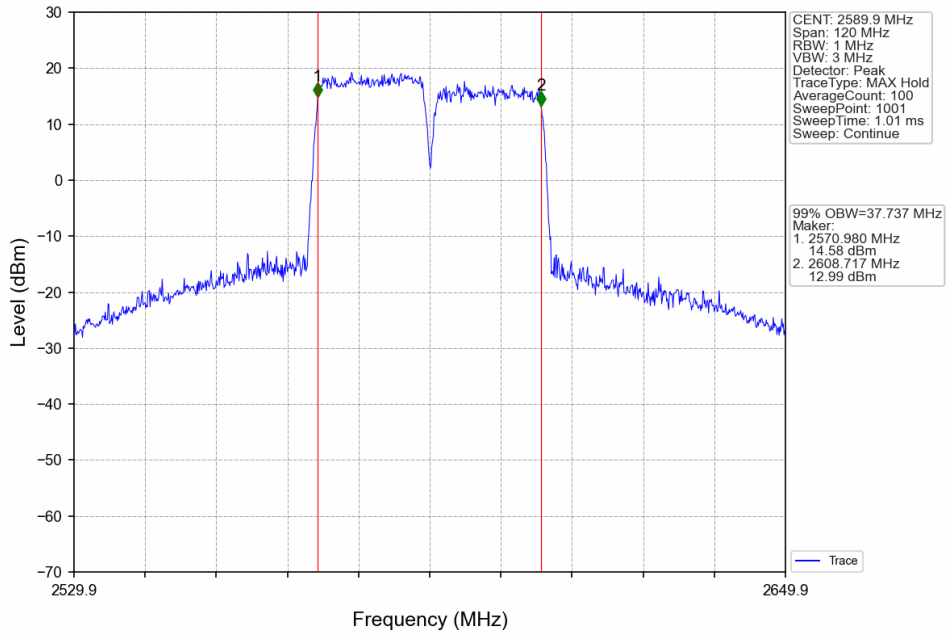


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



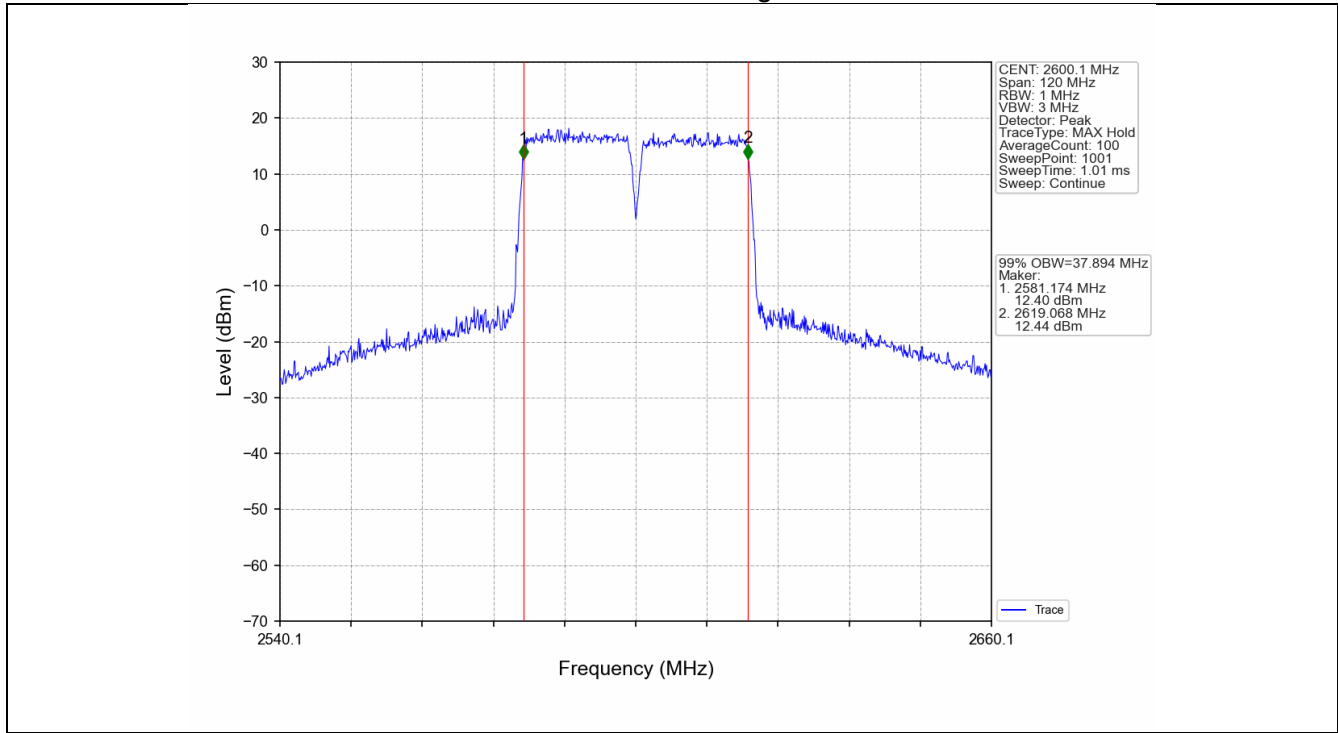
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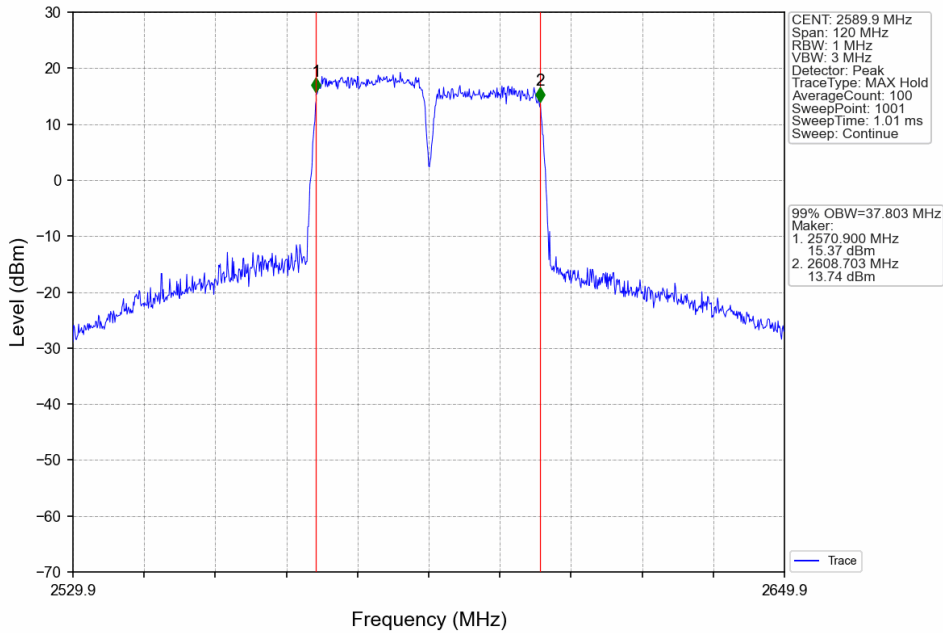


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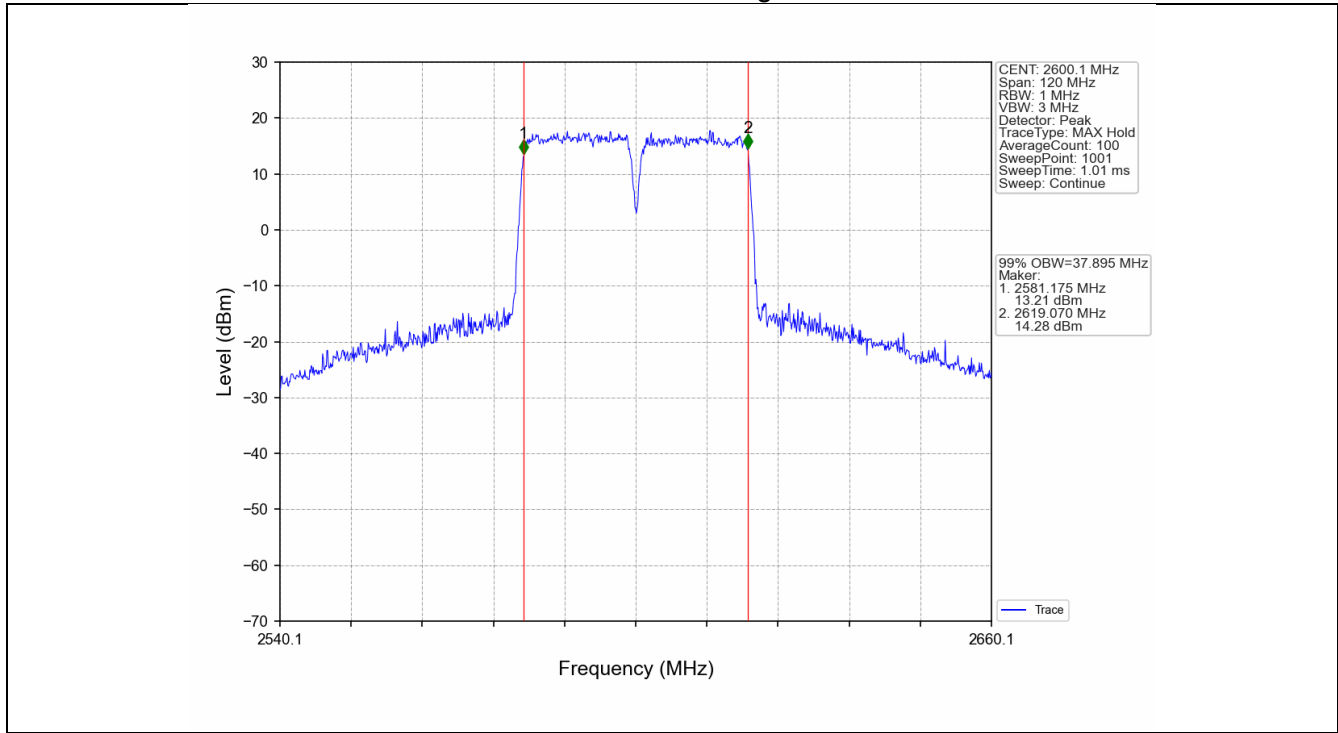
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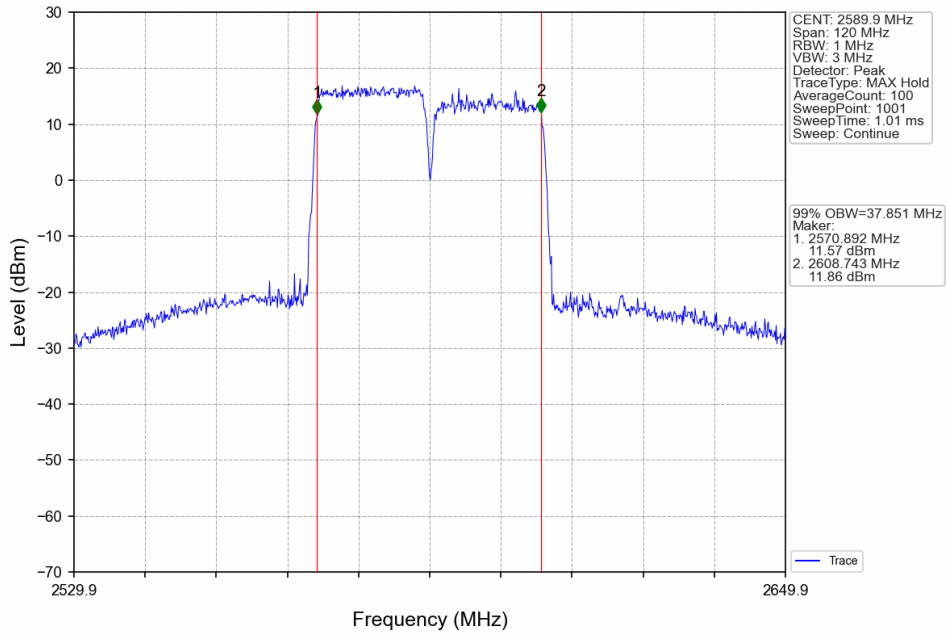


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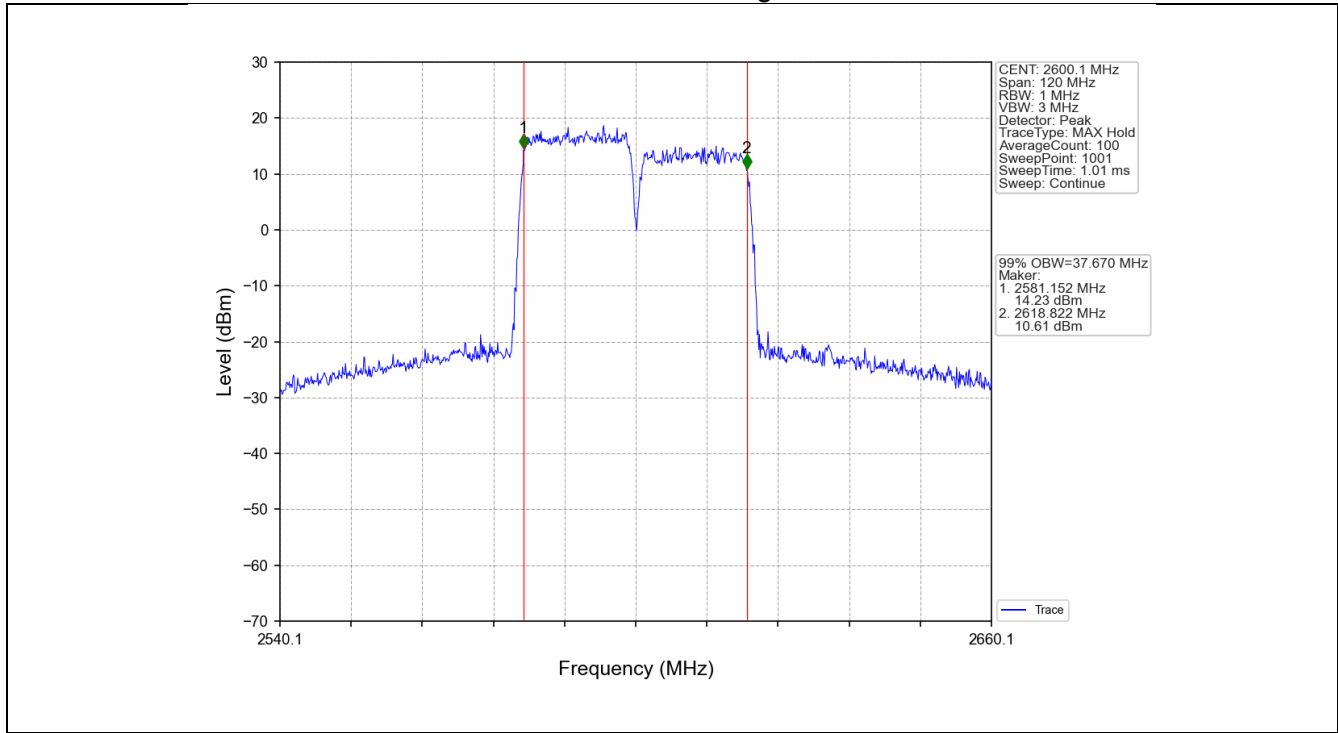


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2.2 CA_38C_NTNV_XDB

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	CC1:2577.5	CC1: 75@0	31.19	/	Pass
	CC2: QPSK	CC2:2592.5	CC2: 75@0			
	CC1: QPSK	CC1:2597.5	CC1: 75@0	31.23	/	Pass
	CC2: QPSK	CC2:2612.5	CC2: 75@0			
	CC1: 16QAM	CC1:2577.5	CC1: 75@0	31.07	/	Pass
	CC2: 16QAM	CC2:2592.5	CC2: 75@0			
	CC1: 16QAM	CC1:2597.5	CC1: 75@0	31.04	/	Pass
	CC2: 16QAM	CC2:2612.5	CC2: 75@0			
CC1: 64QAM	CC1:2577.5	CC1: 75@0	30.95	/	Pass	
CC2: 64QAM	CC2:2592.5	CC2: 75@0				
CC1:20 CC2:20	CC1: QPSK	CC1:2580	CC1: 100@0	40.39	/	Pass
	CC2: QPSK	CC2:2599.8	CC2: 100@0			
	CC1: QPSK	CC1:2590.2	CC1: 100@0	40.53	/	Pass
	CC2: QPSK	CC2:2610	CC2: 100@0			
	CC1: 16QAM	CC1:2580	CC1: 100@0	40.30	/	Pass
	CC2: 16QAM	CC2:2599.8	CC2: 100@0			
	CC1: 16QAM	CC1:2590.2	CC1: 100@0	40.51	/	Pass
	CC2: 16QAM	CC2:2610	CC2: 100@0			
CC1: 64QAM	CC1:2580	CC1: 100@0	40.25	/	Pass	
CC2: 64QAM	CC2:2599.8	CC2: 100@0				
CC1: 64QAM	CC1:2590.2	CC1: 100@0	40.37	/	Pass	
CC2: 64QAM	CC2:2610	CC2: 100@0				
CC1: 256QAM	CC1:2580	CC1: 100@0	40.31	/	Pass	
CC2: 256QAM	CC2:2599.8	CC2: 100@0				
CC1: 256QAM	CC1:2590.2	CC1: 100@0	40.24	/	Pass	
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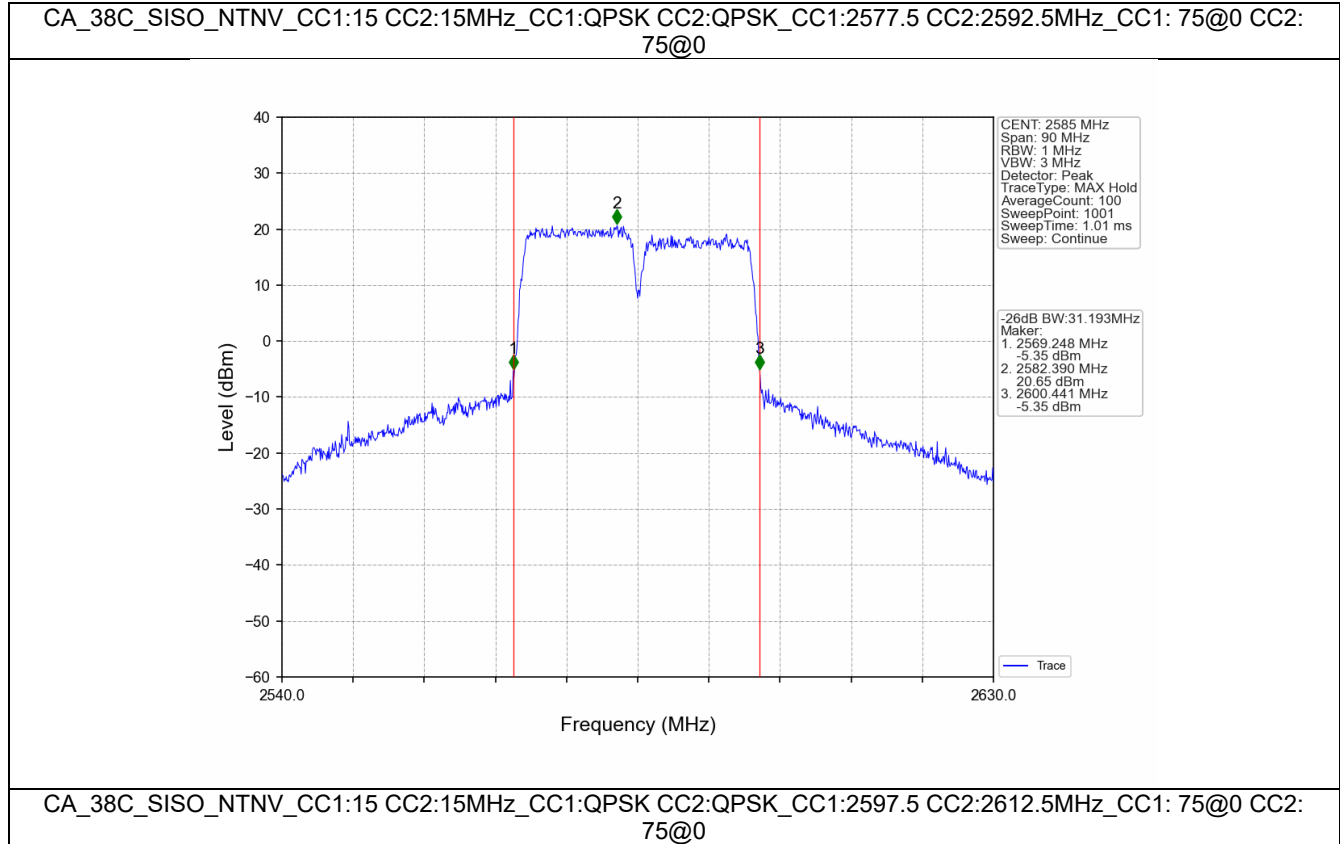


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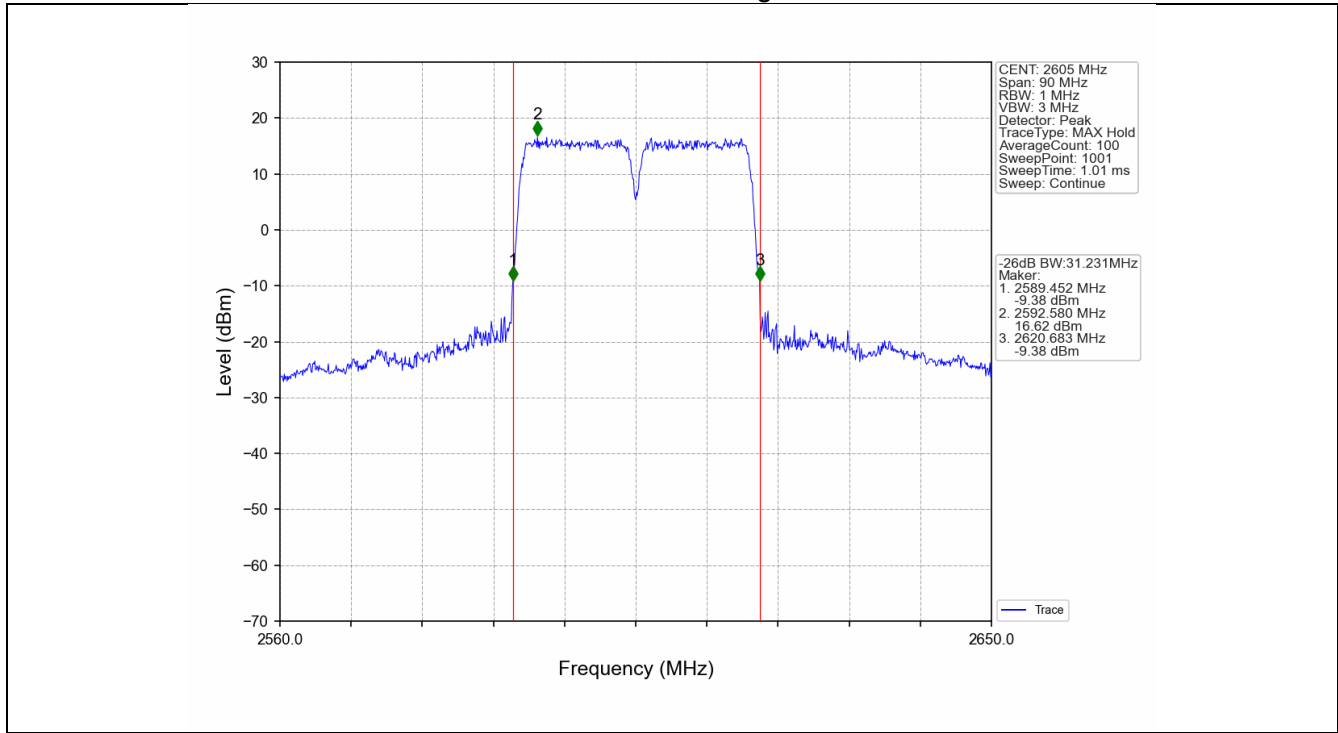
2.2.2 Test Graph



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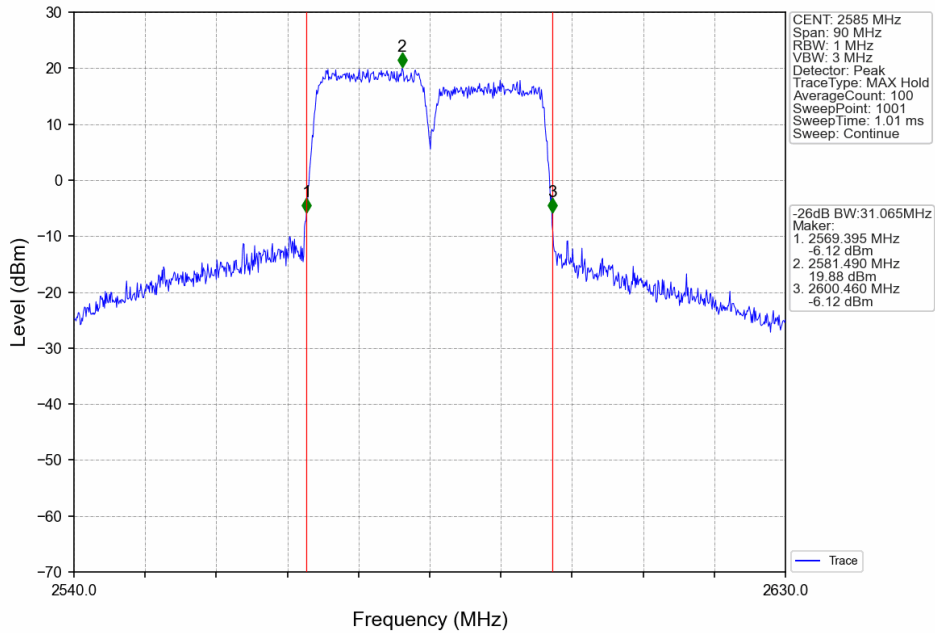


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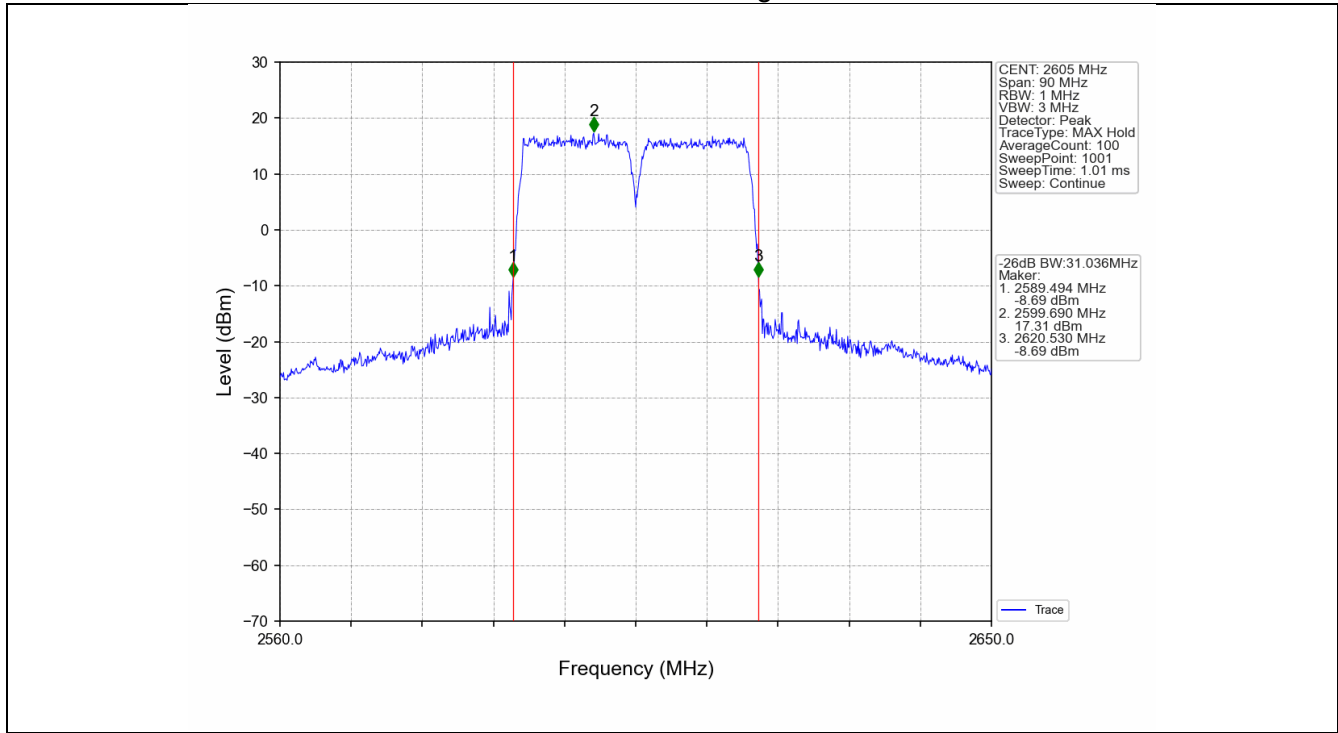
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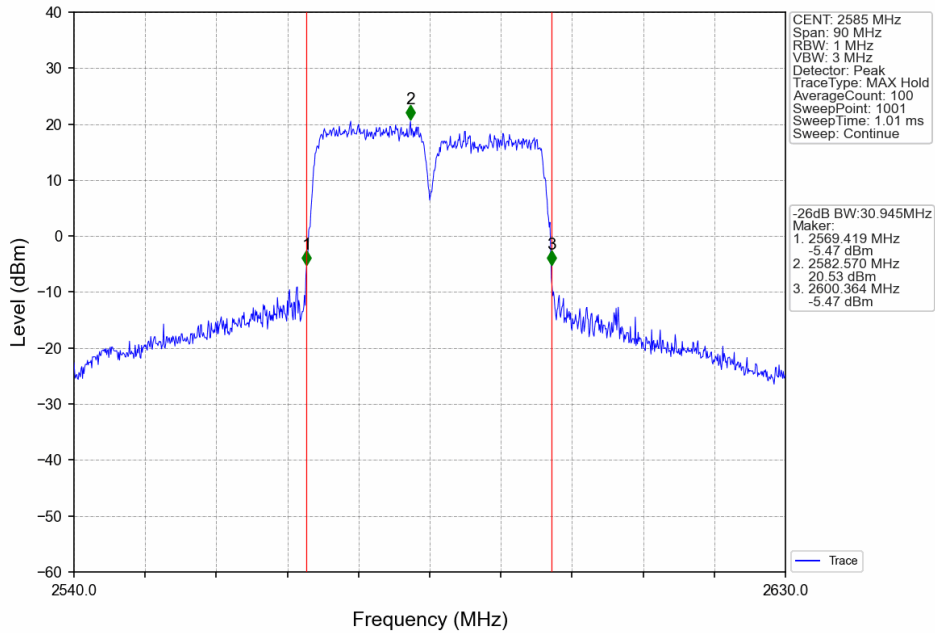


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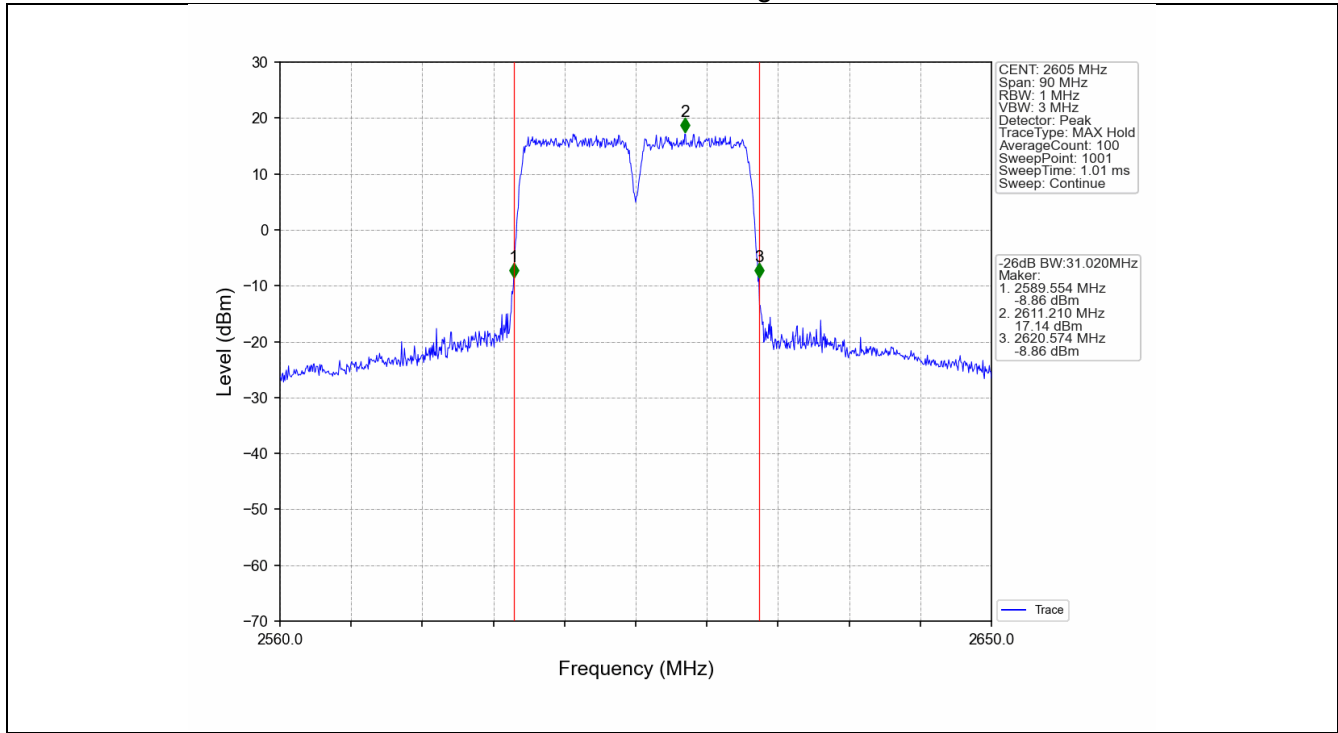
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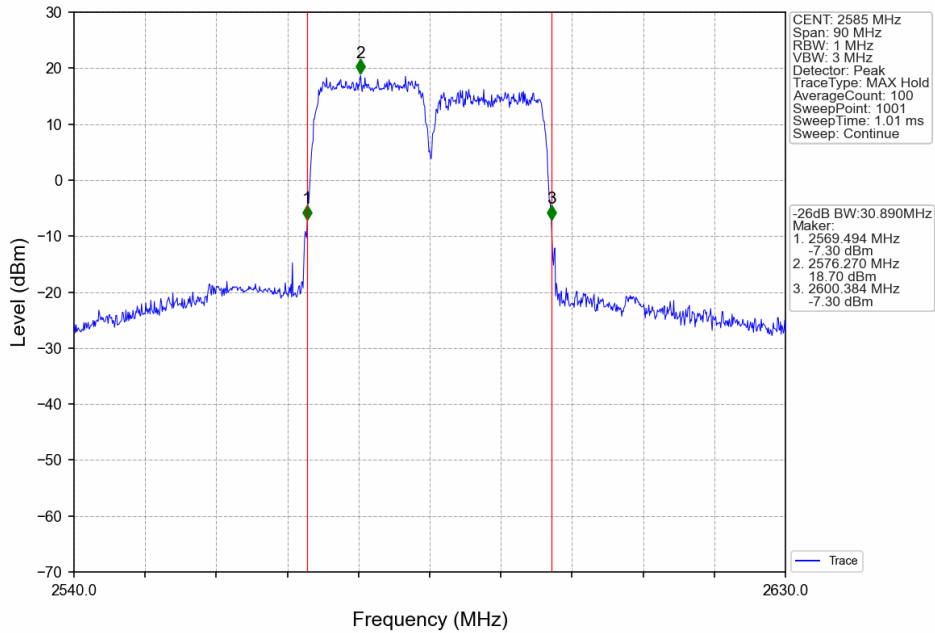


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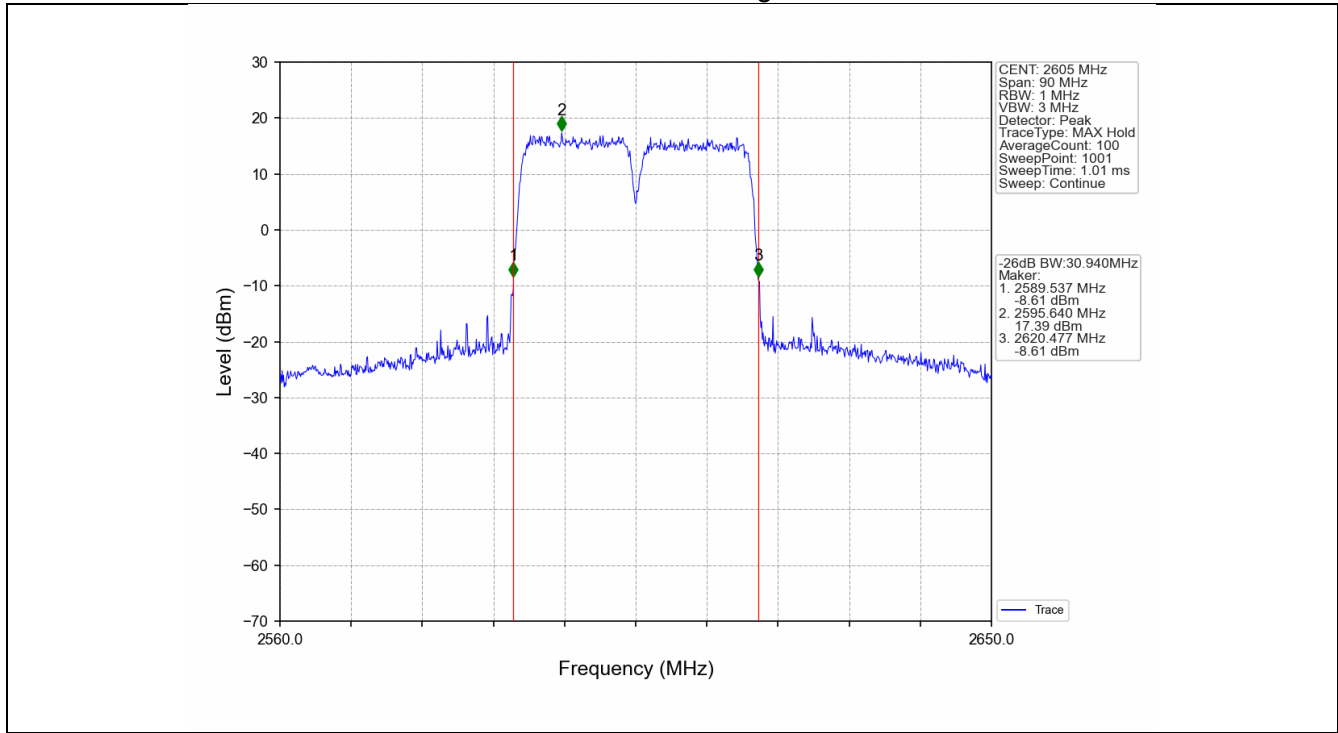


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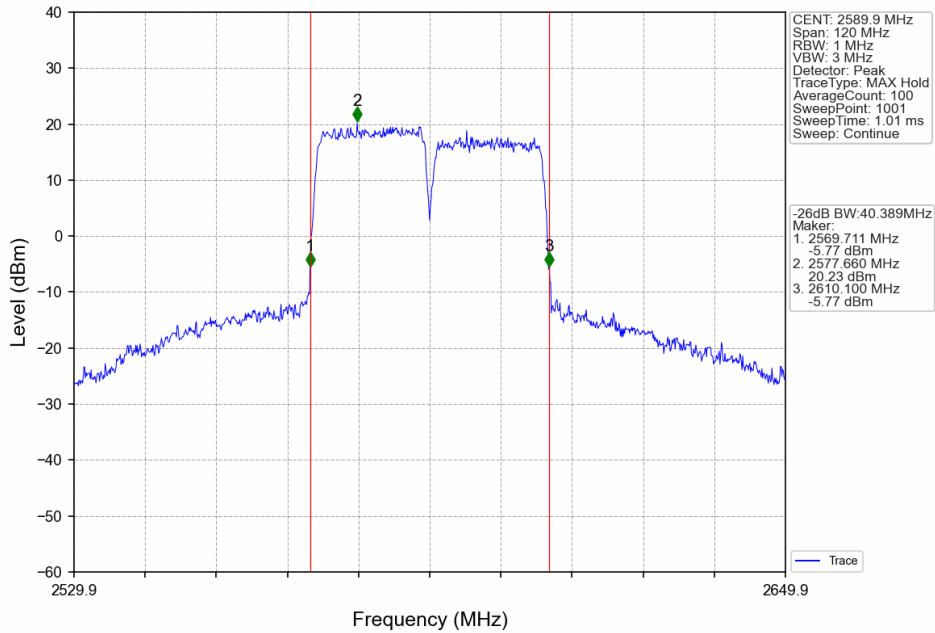


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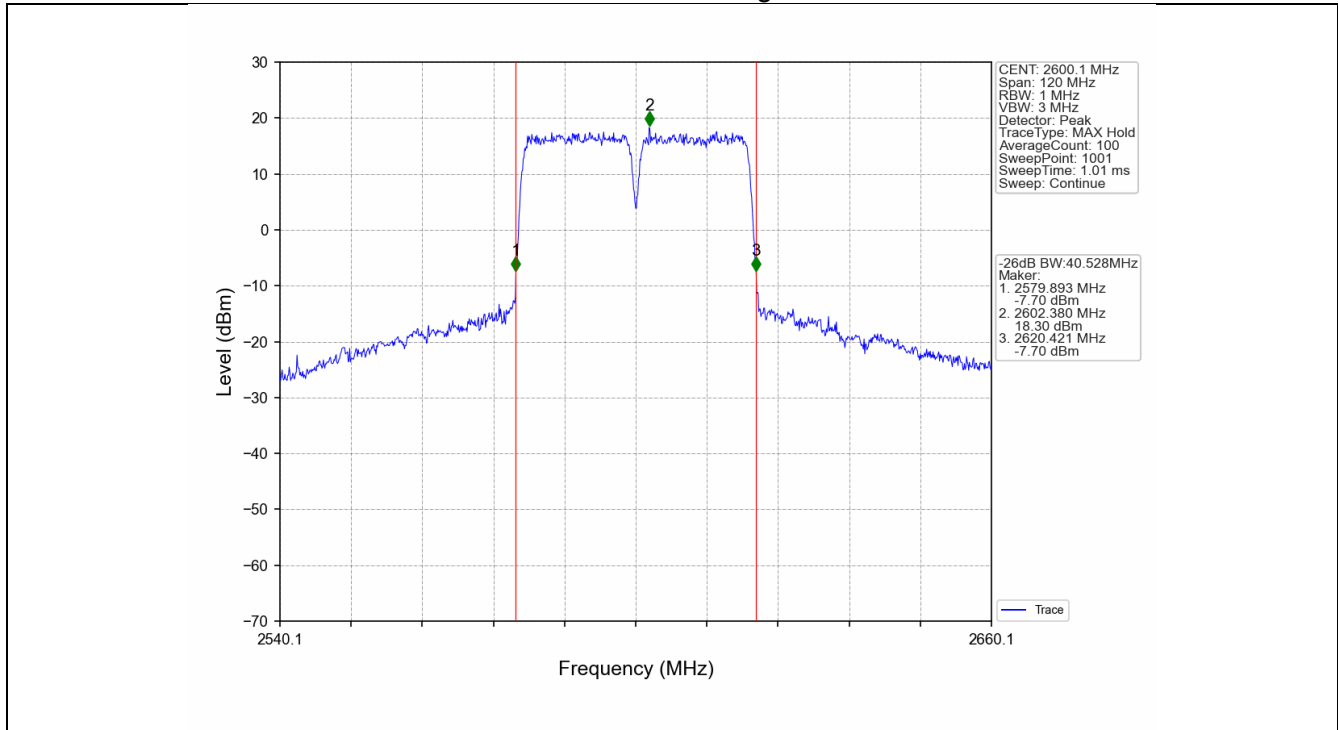


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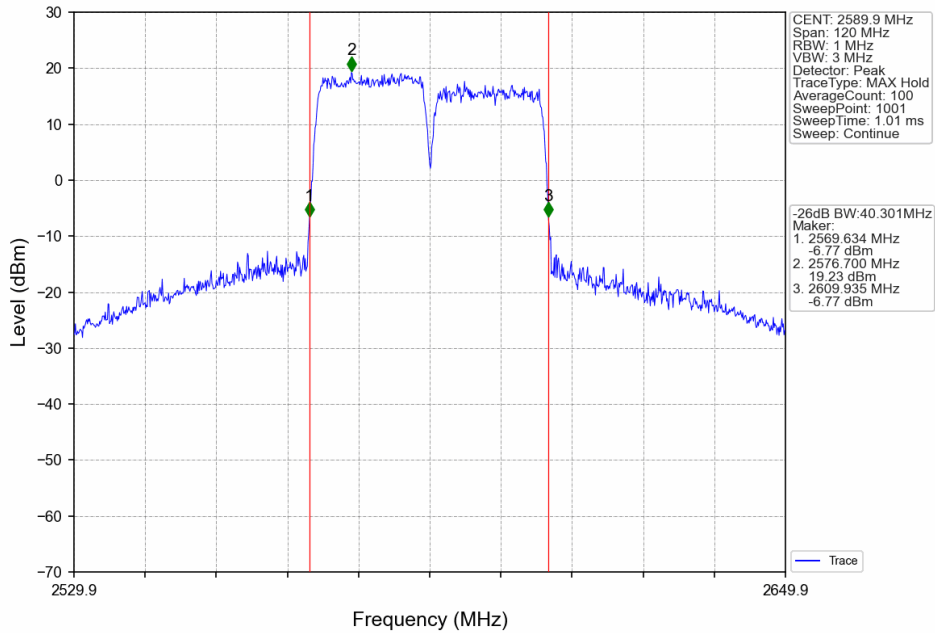


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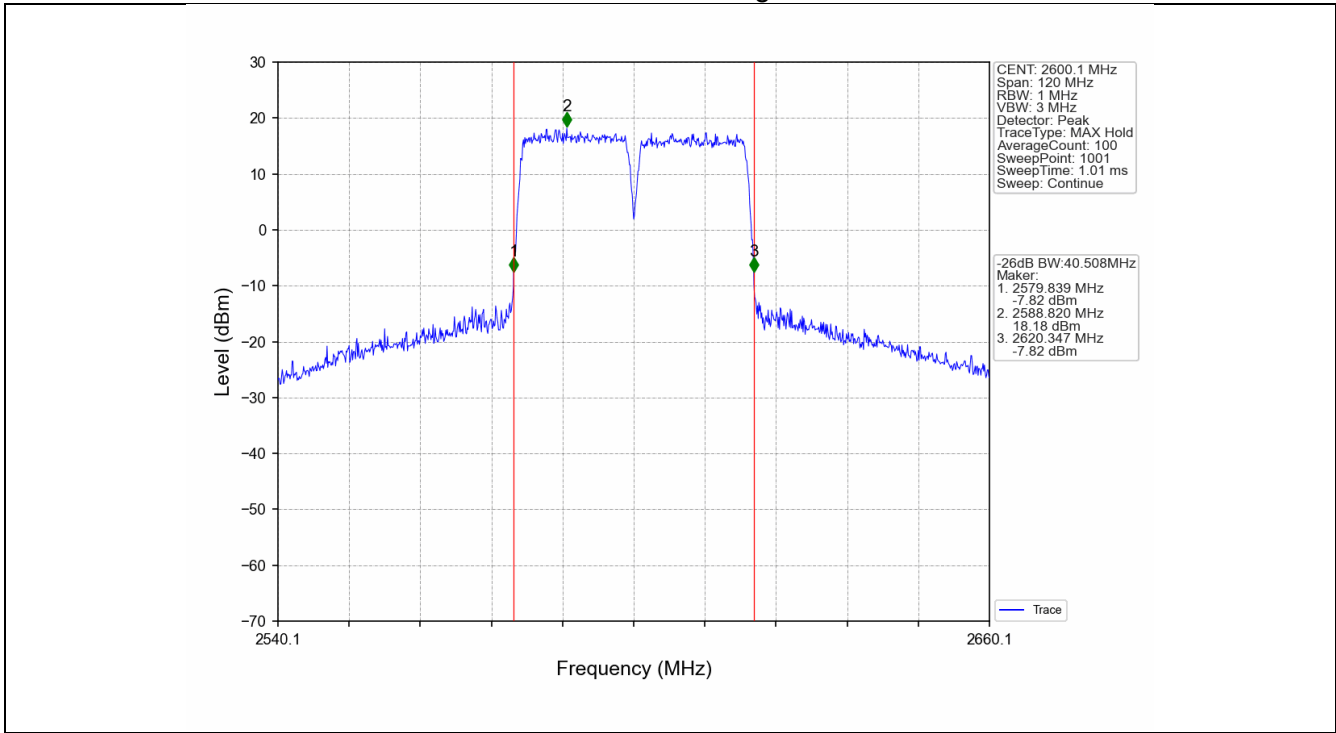
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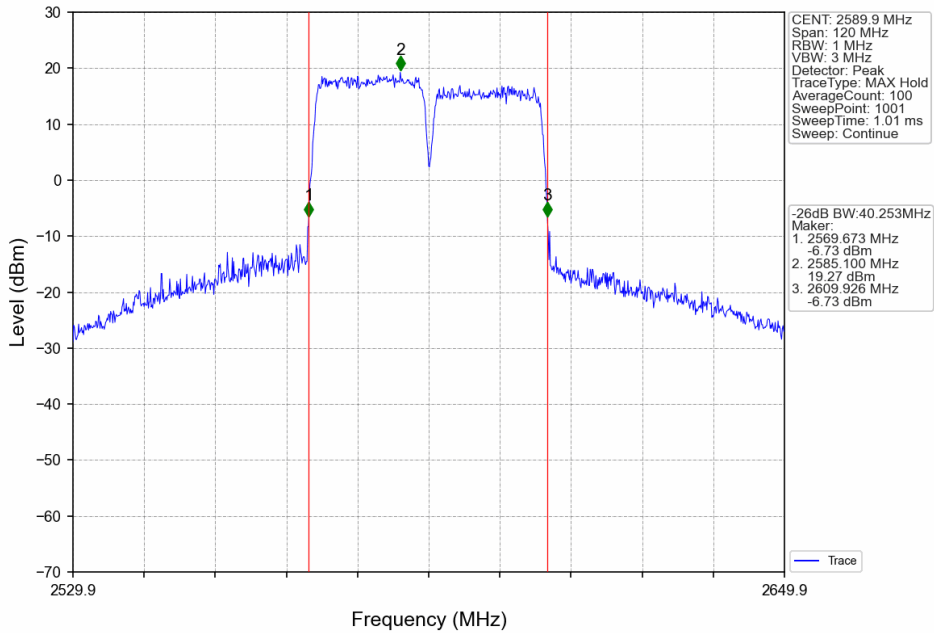


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0

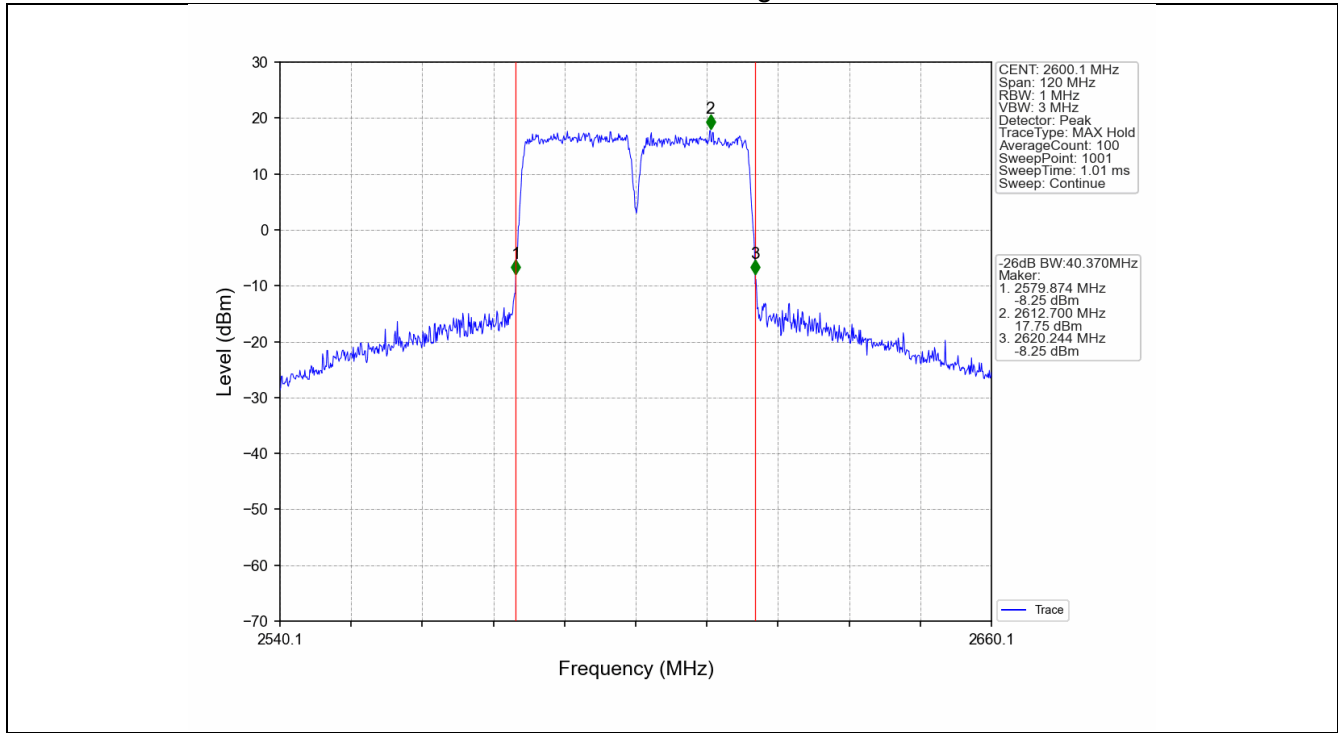


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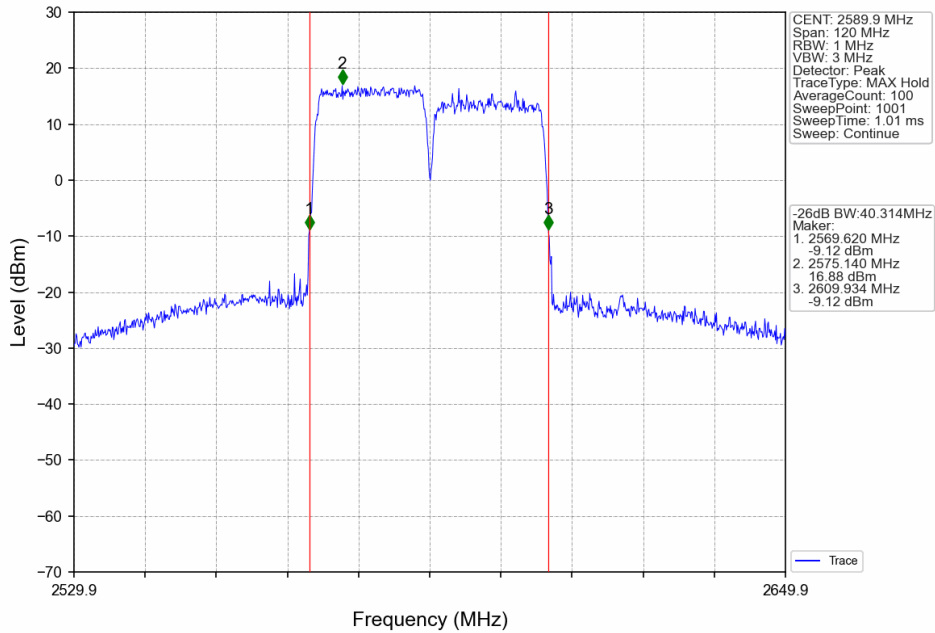


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



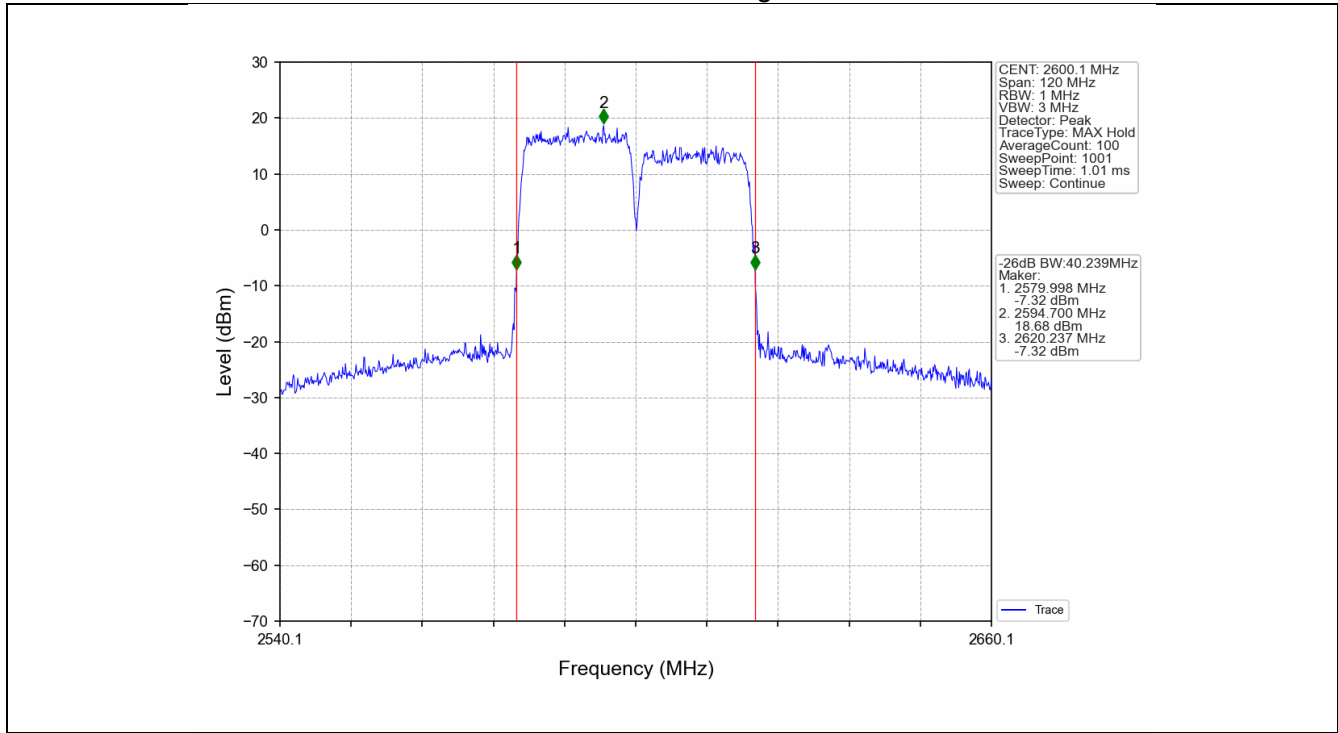
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3. Spurious Emission & Band Edges

3.1 CA_38C_NTNV

3.1.1 Test Result

Band: CA_38C / NTN								
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: 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	
			CC1: 100@0 CC2: 100@0	Refer To Test Graph			Pass	

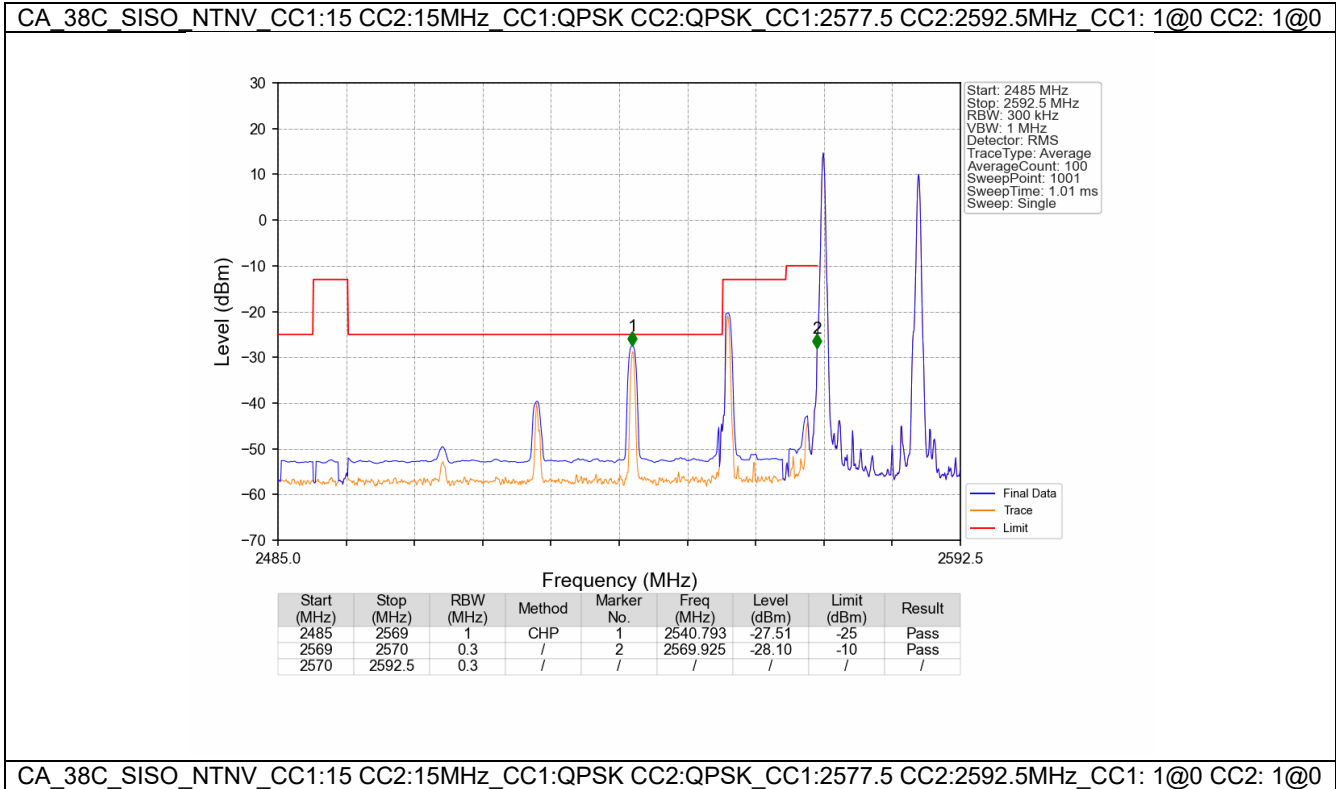


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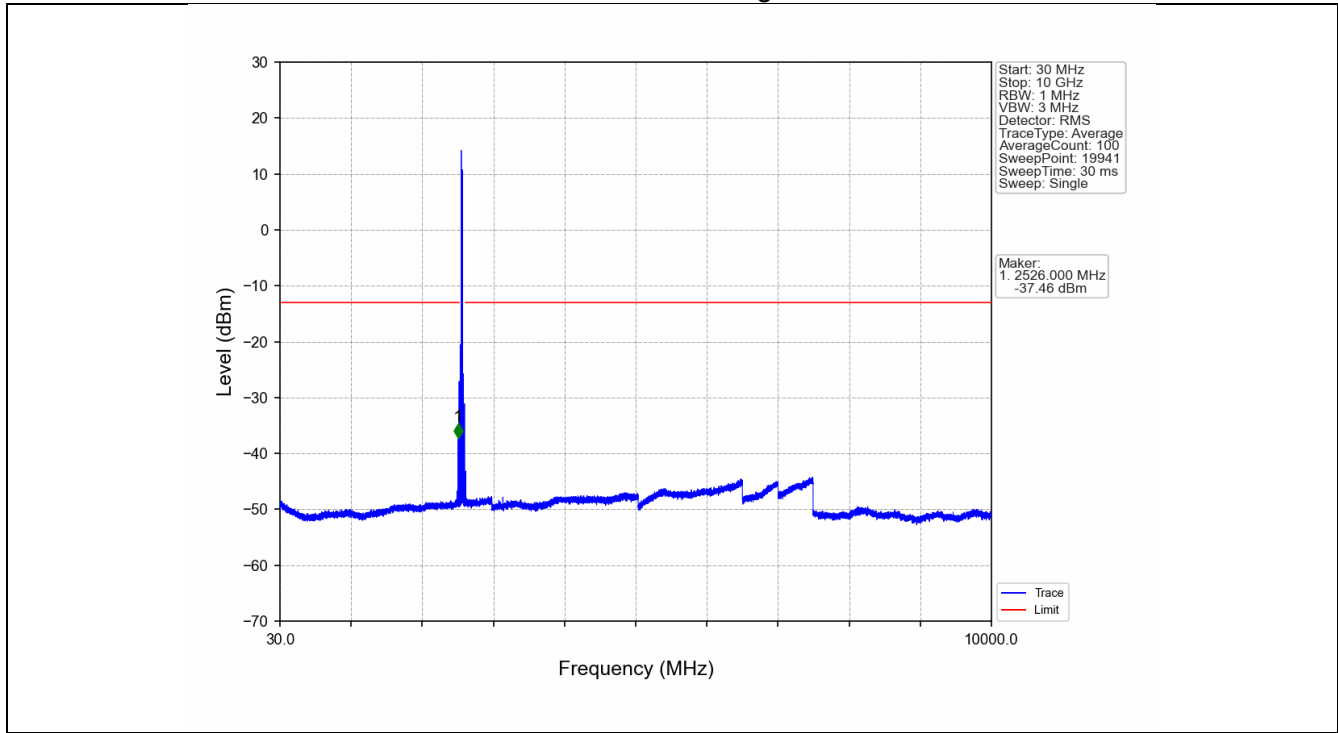
3.1.2 Test Graph



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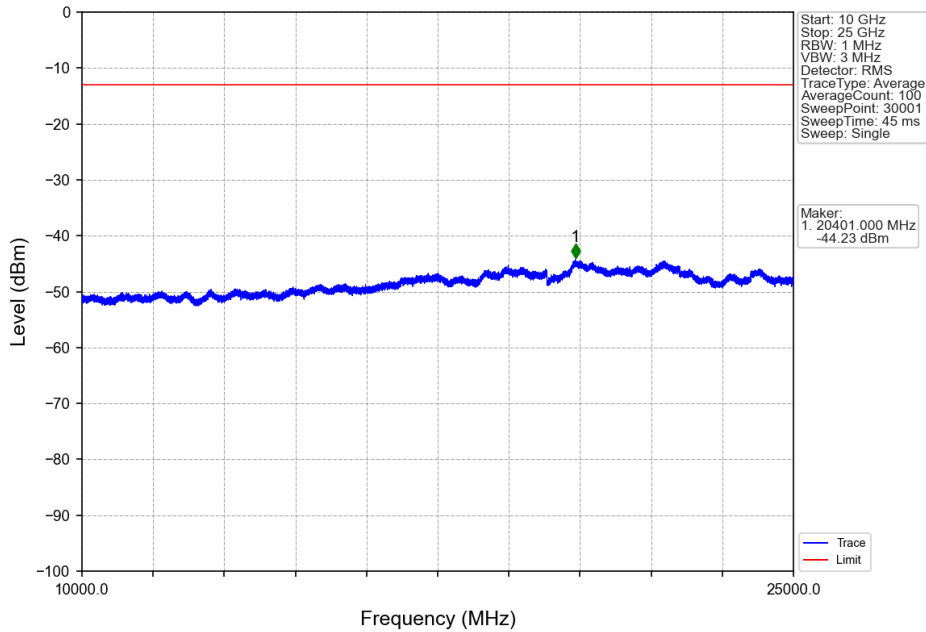


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CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 1@0_CC2: 1@0



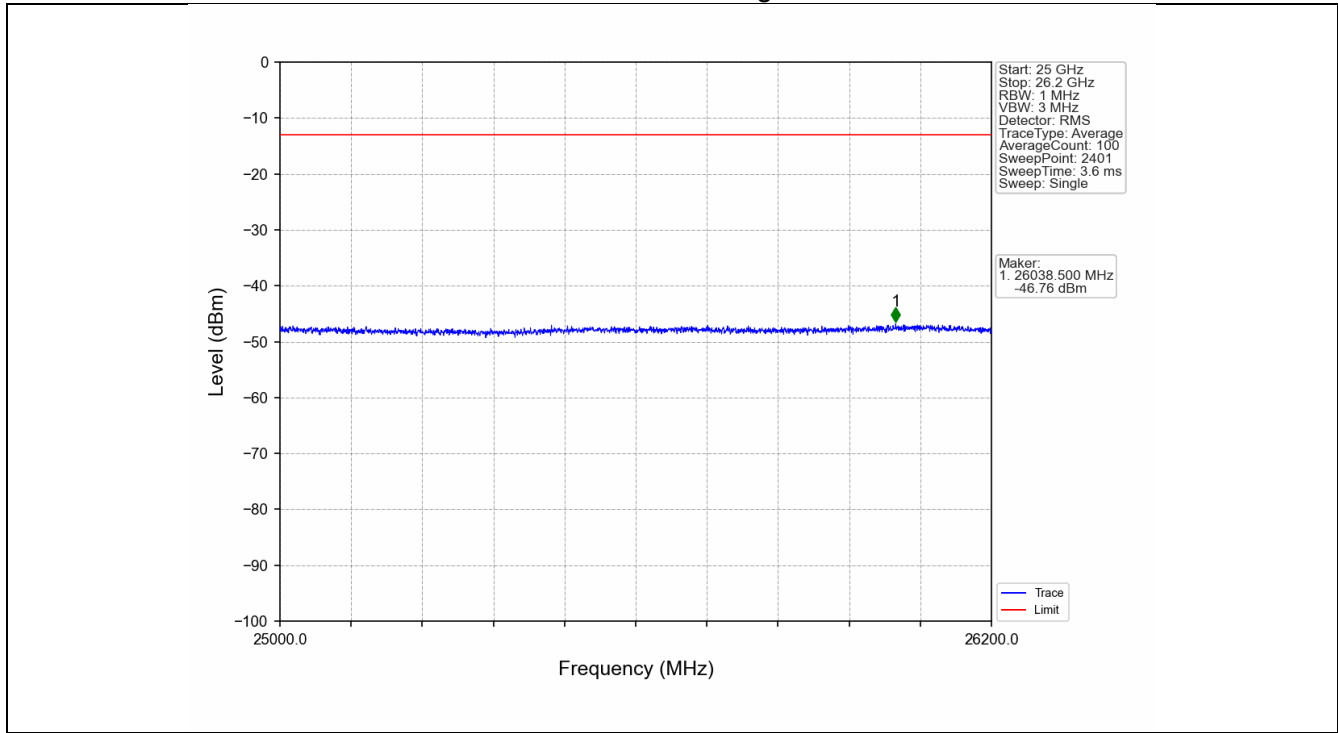
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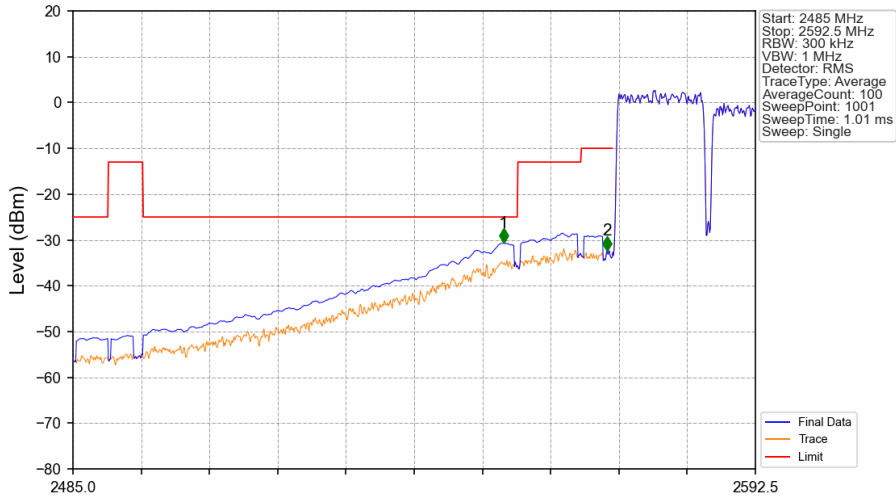


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



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	/	/	/	/	/	/

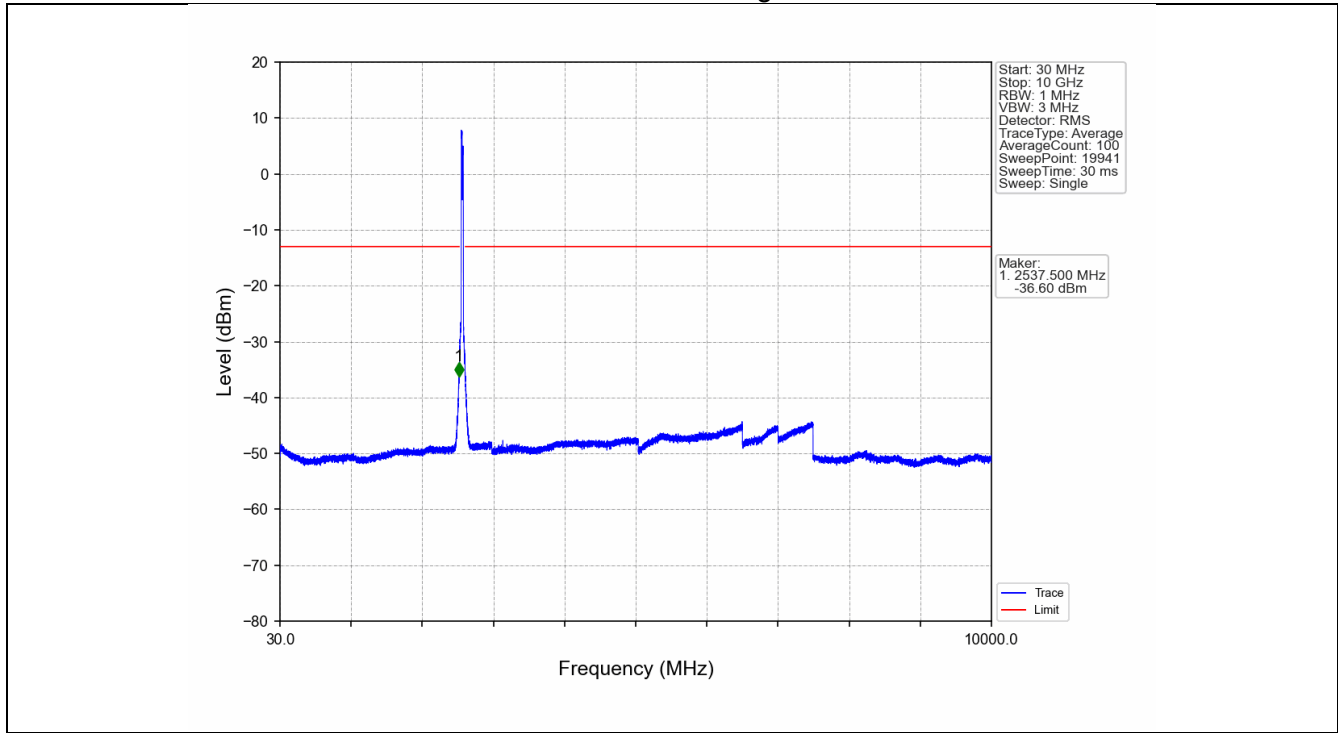
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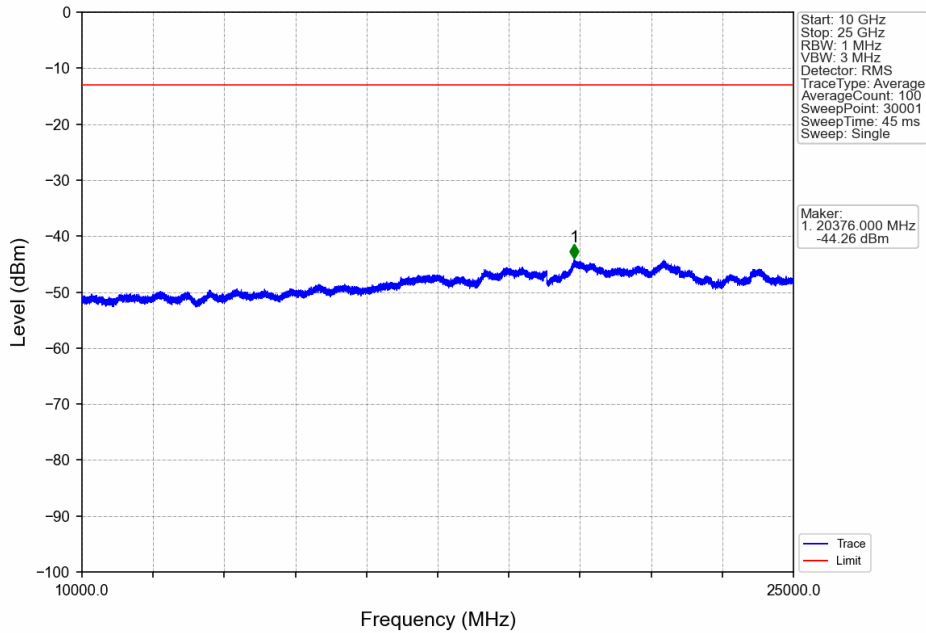


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



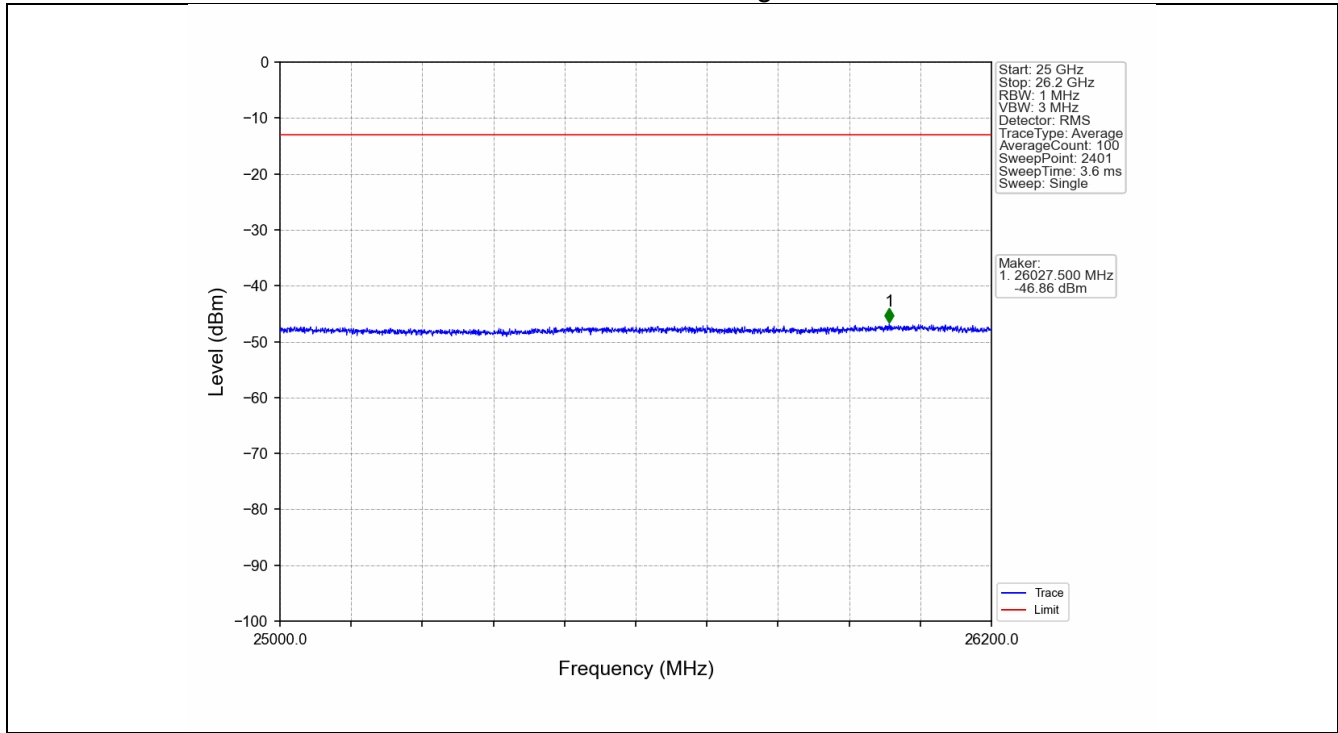
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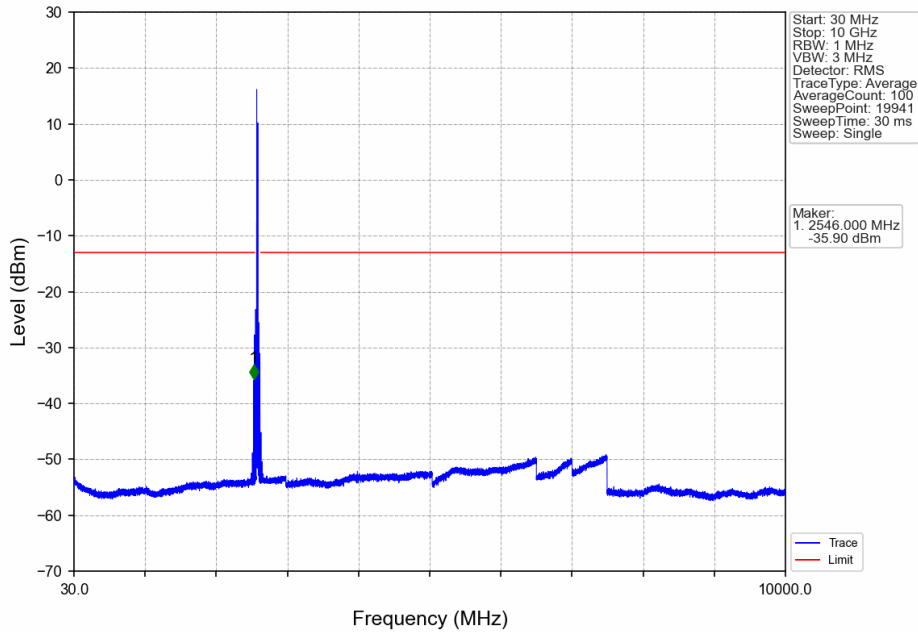


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CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0



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



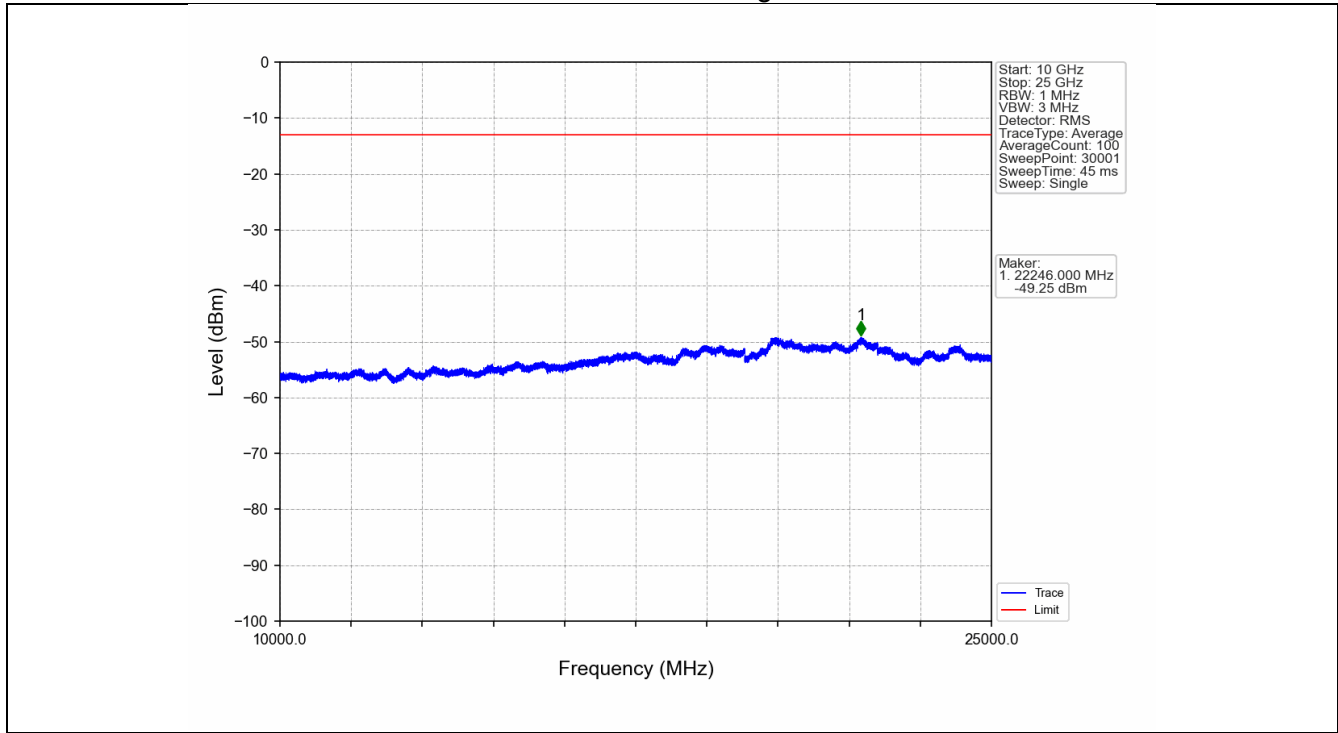
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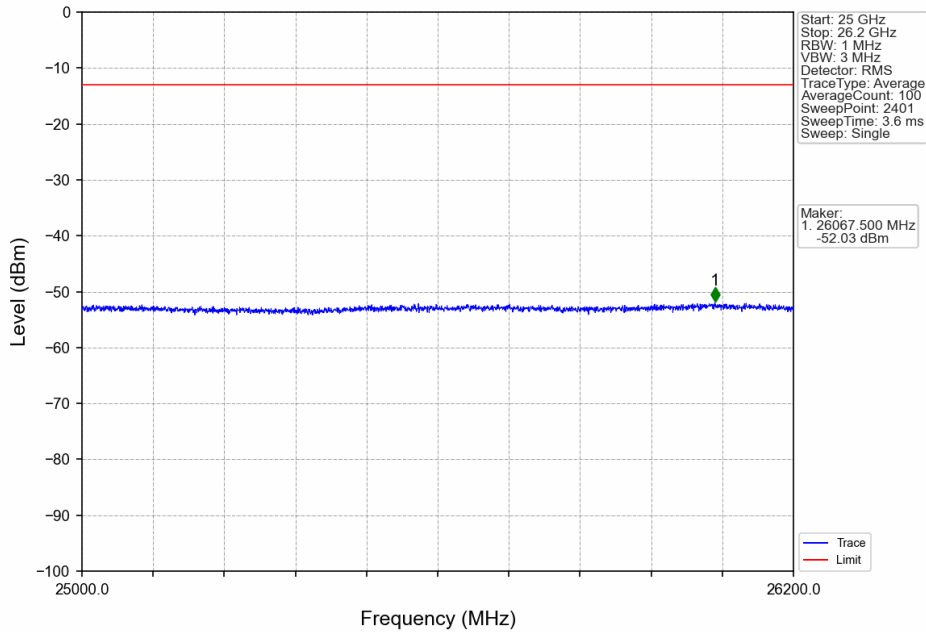


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



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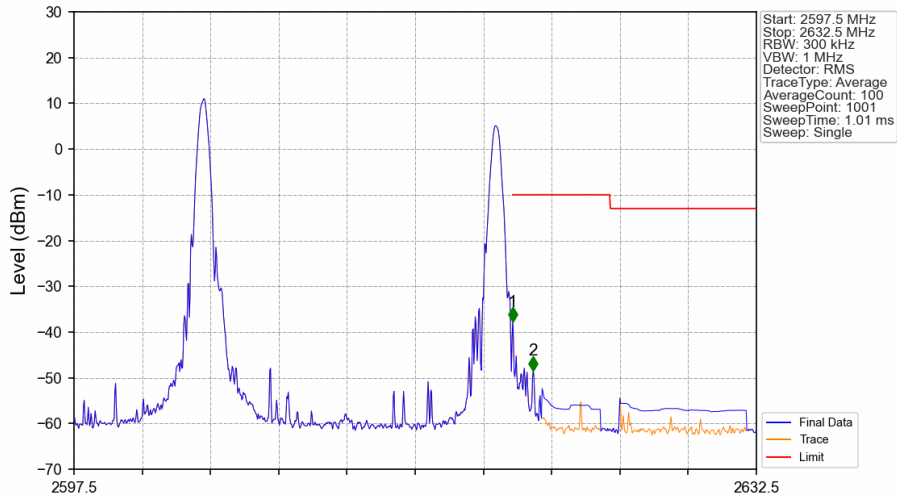
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.005	-37.72	-10	Pass
2621	2632.5	1	CHP	2	2621.055	-48.42	-10	Pass



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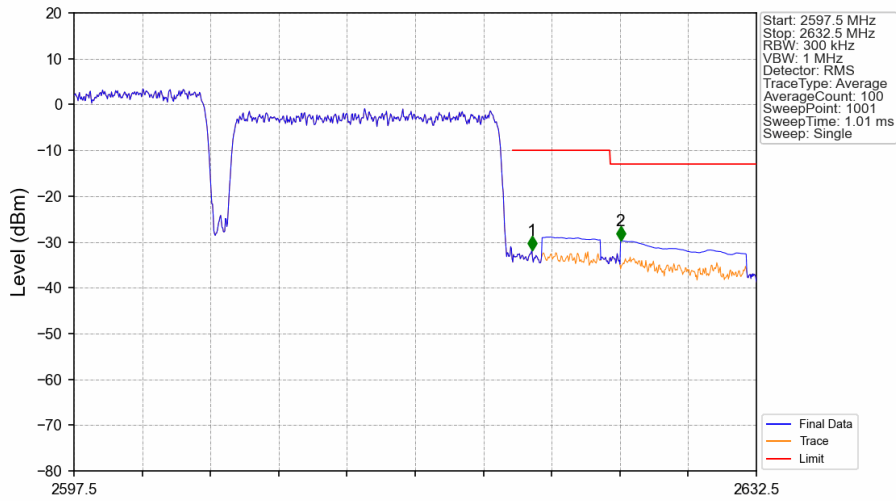


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.985	-31.88	-10	Pass
2621	2632.5	1	CHP	2	2625.535	-29.78	-13	Pass

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

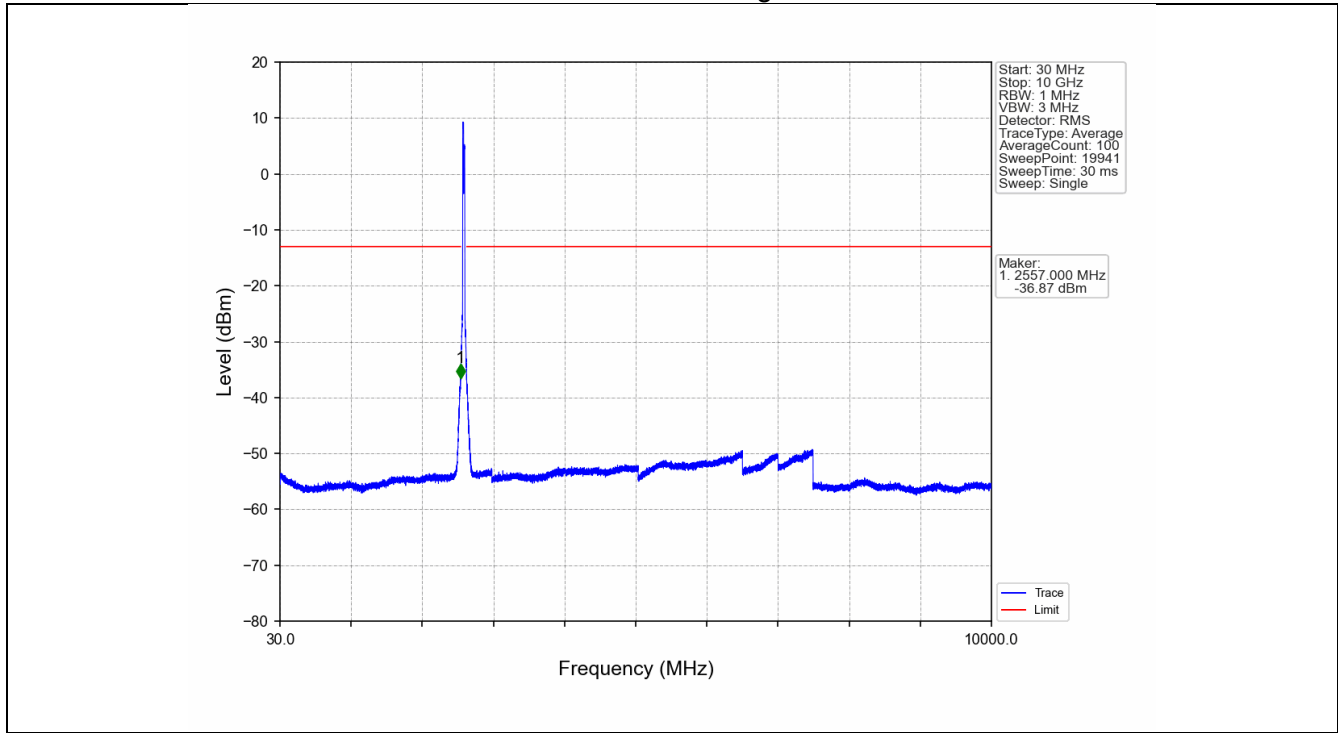


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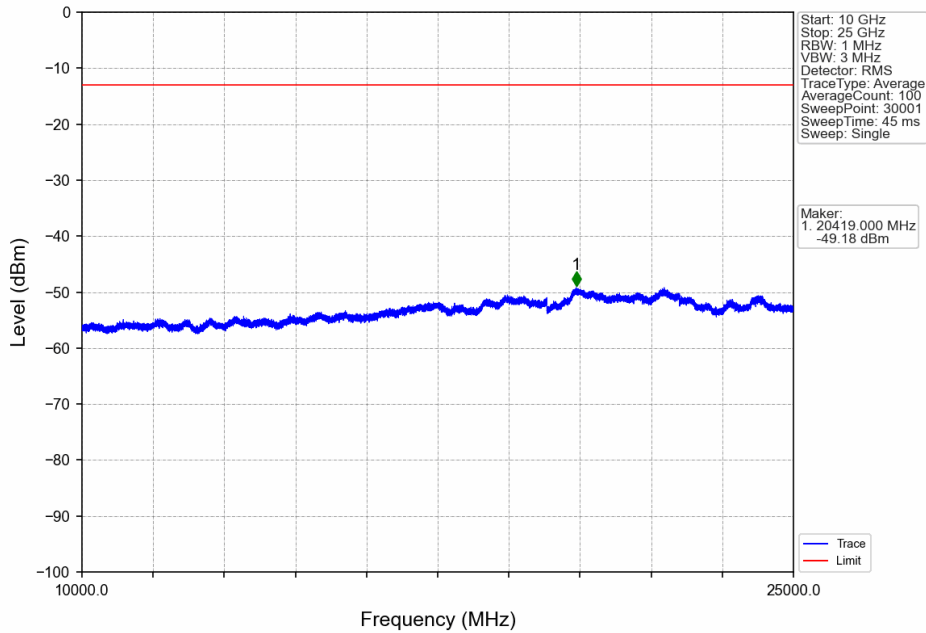


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CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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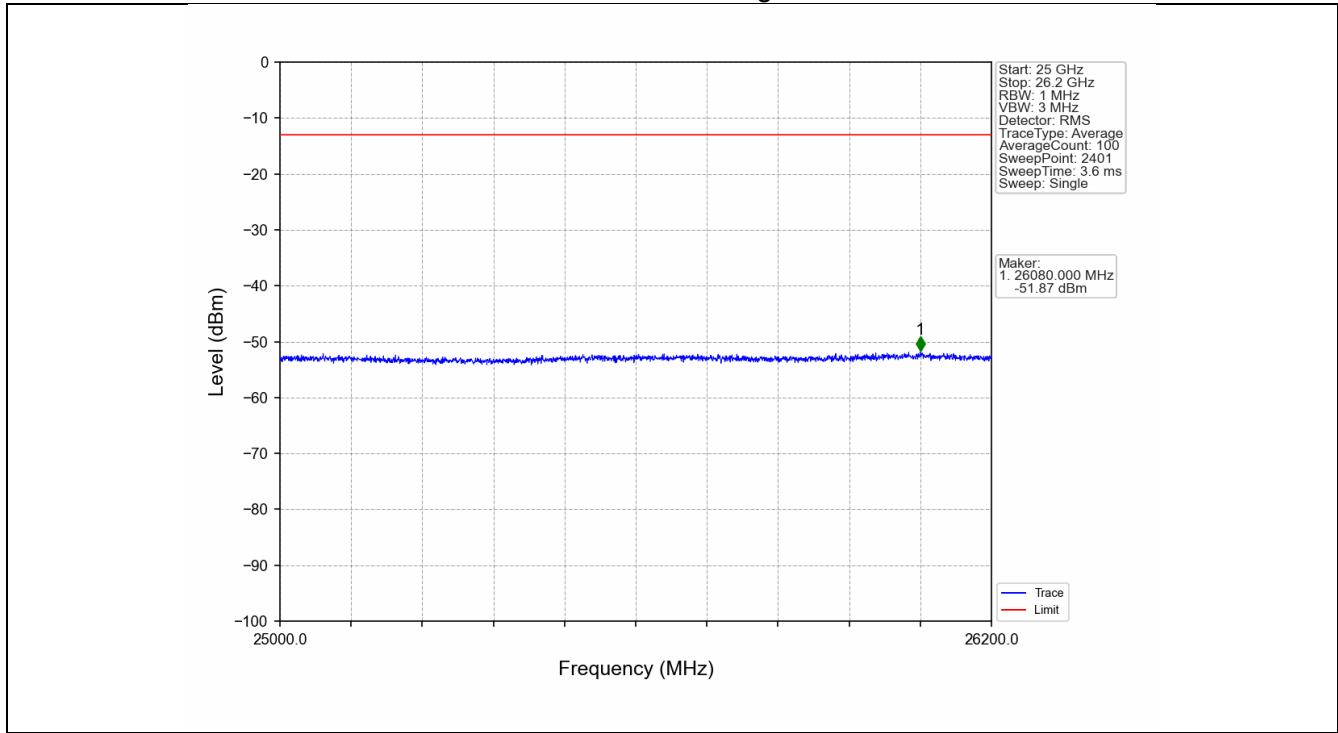
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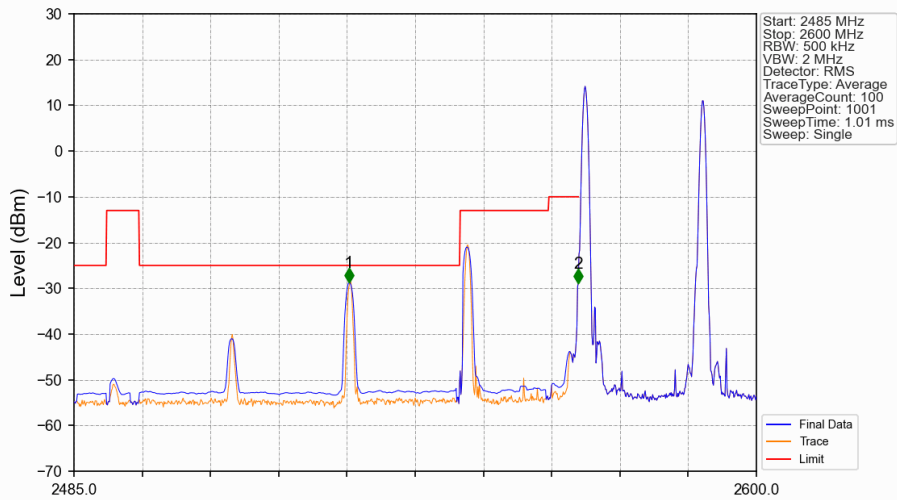


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2531.345	-28.80	-25	Pass
2569	2570	0.5	/	2	2569.985	-28.95	-10	Pass
2570	2600	0.5	/	/	/	/	/	/

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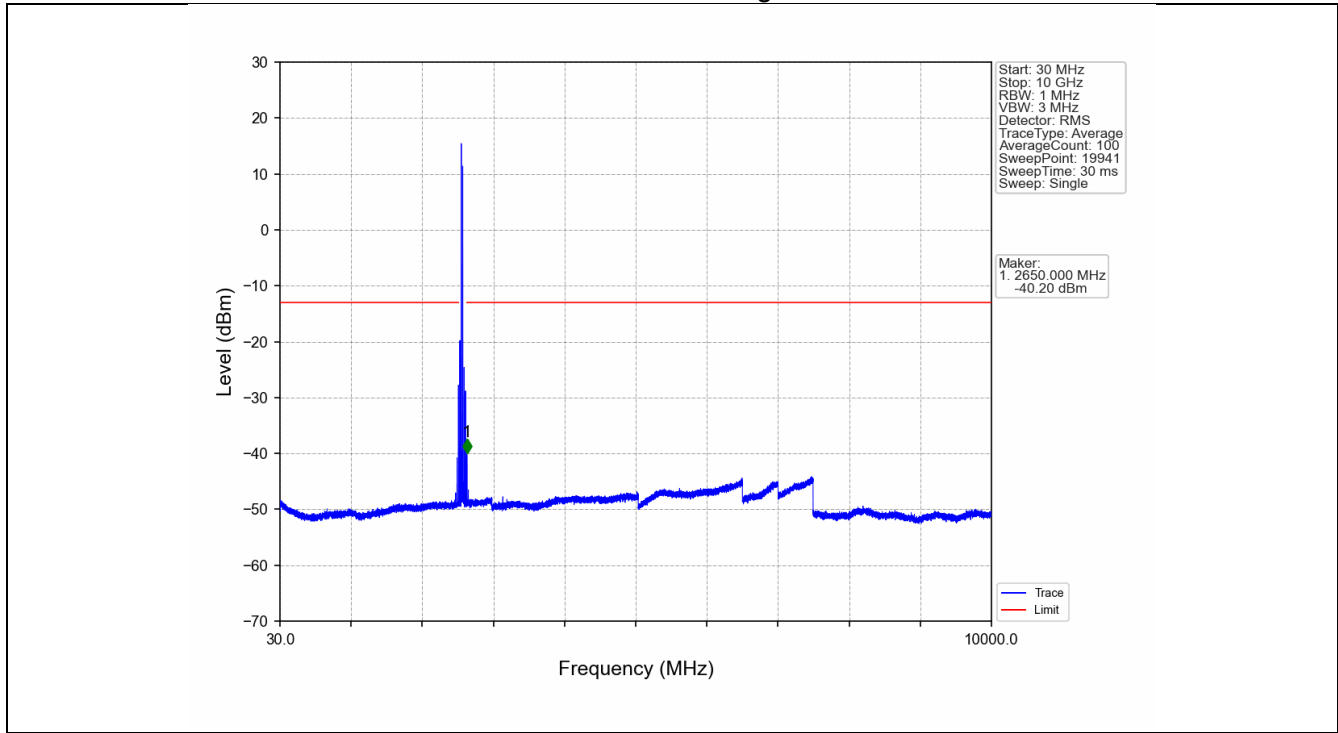
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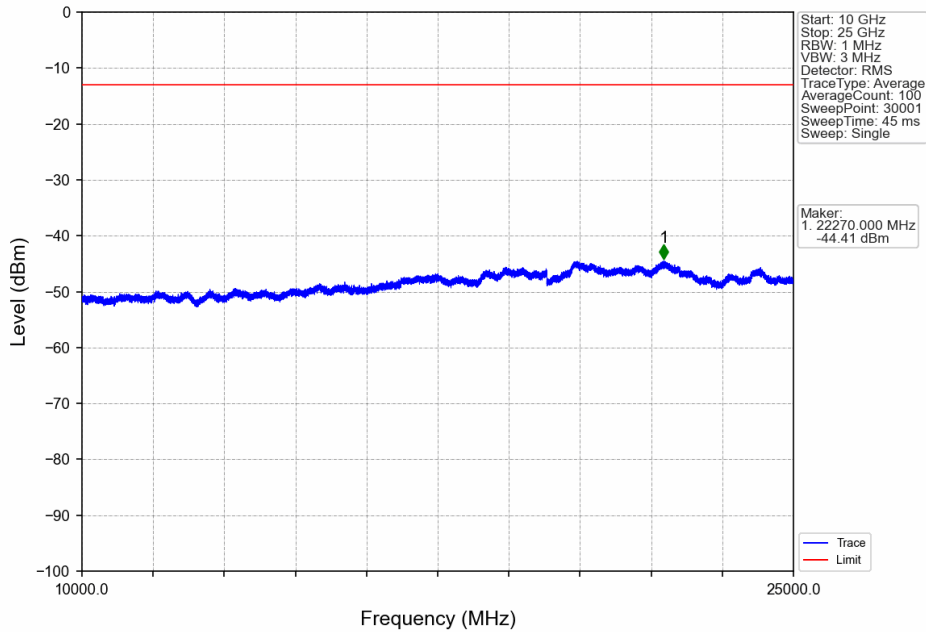


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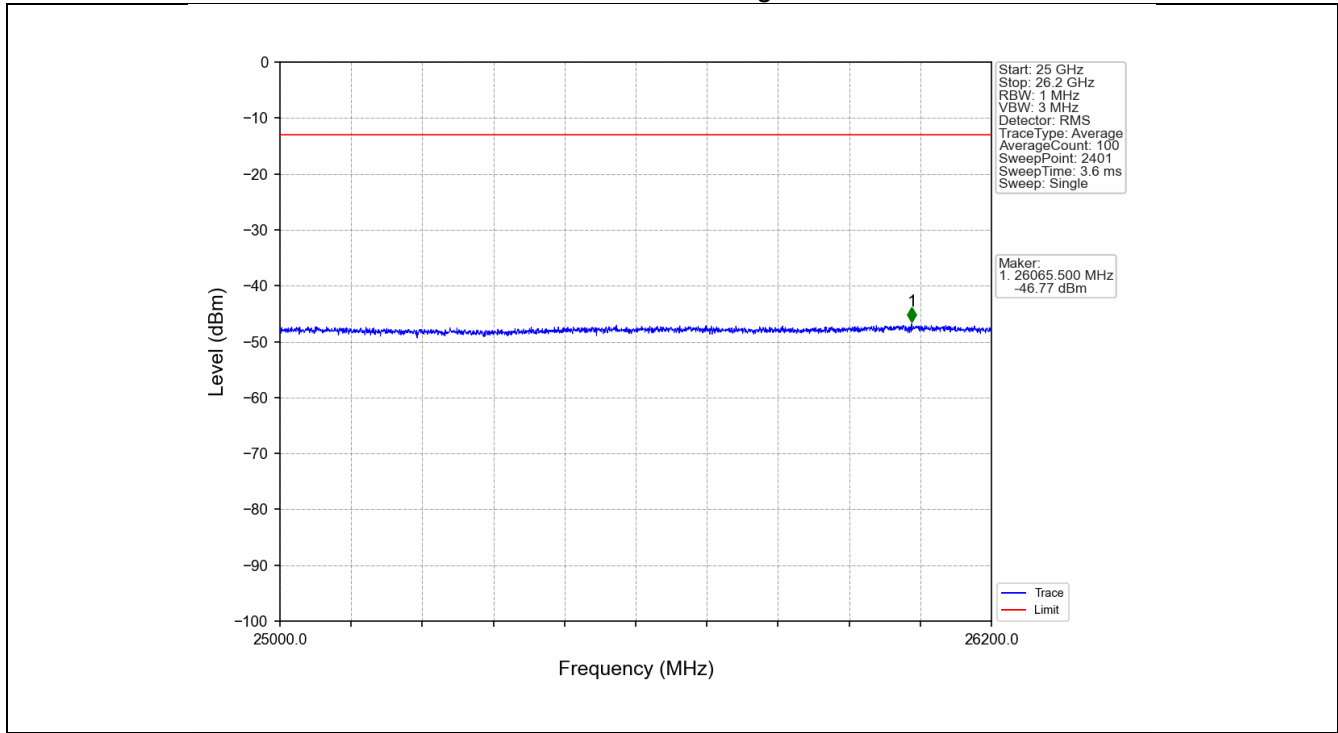
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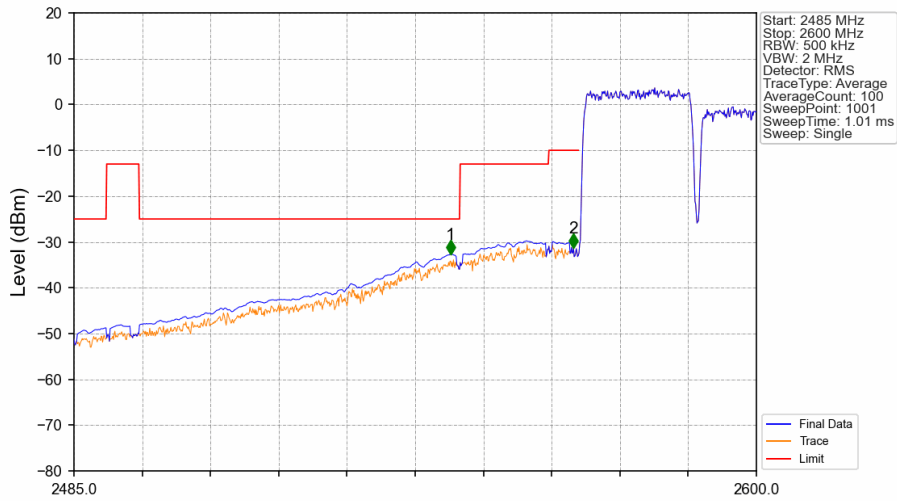


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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	/	/	/	/	/	/

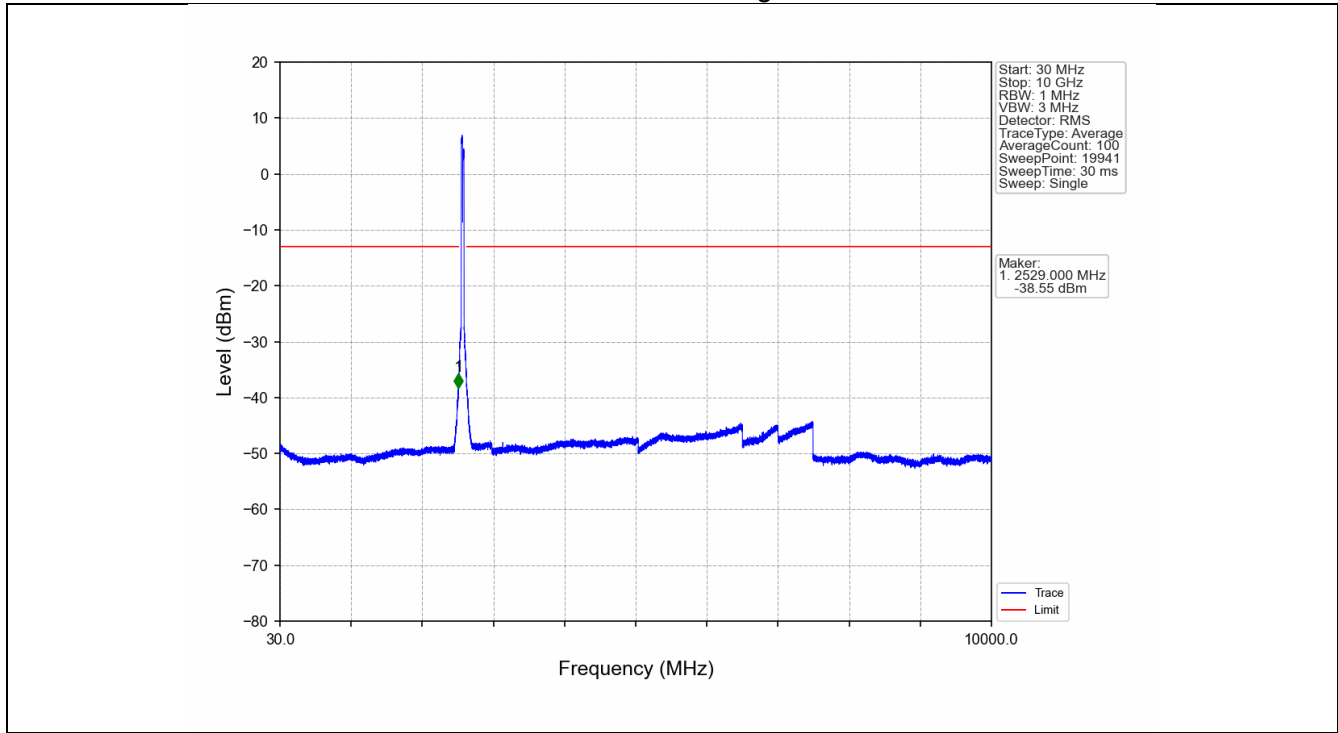
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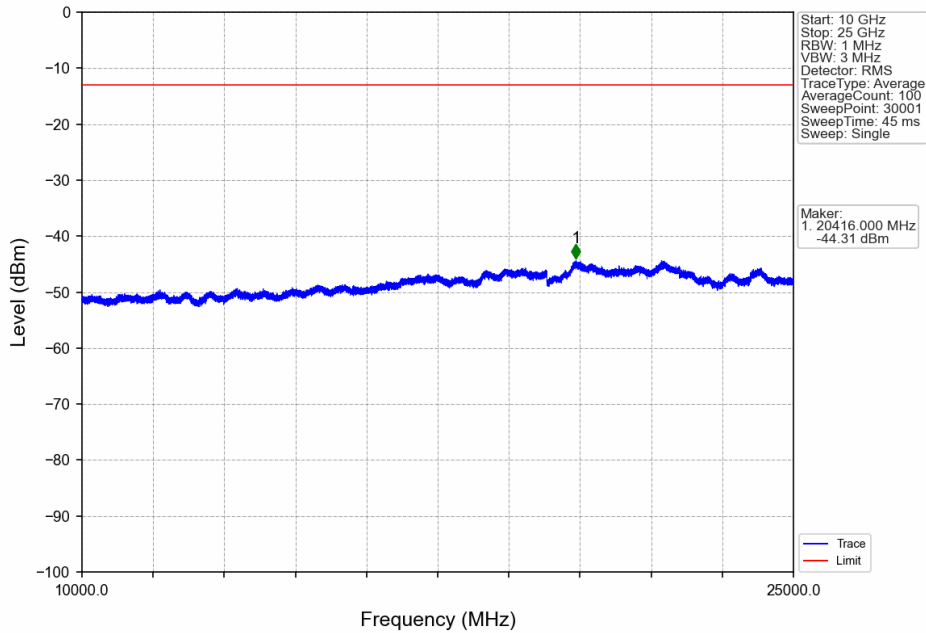


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CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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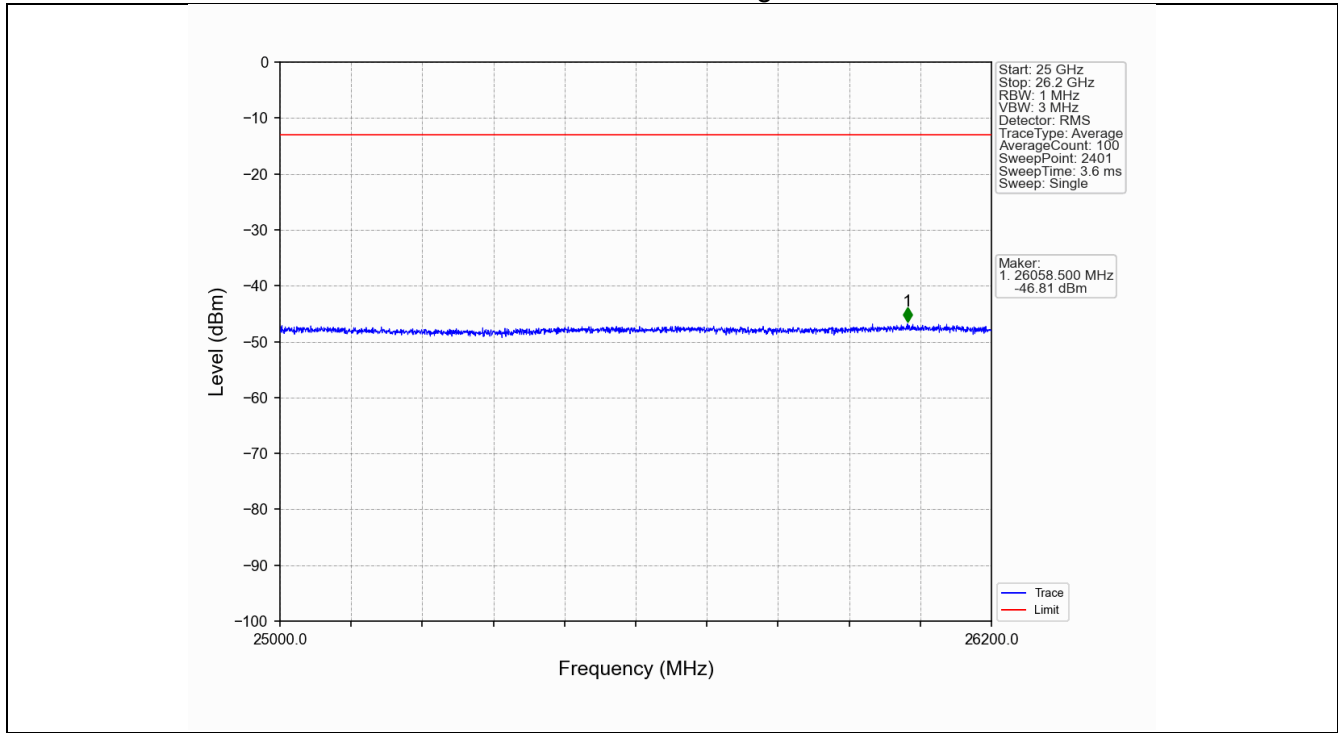
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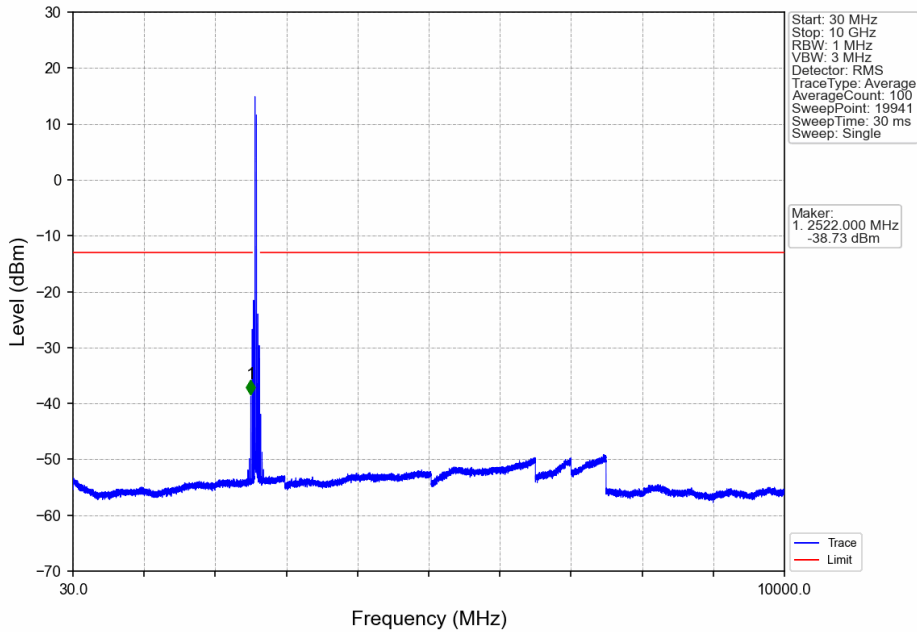


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CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1:1@0_CC2:1@0



CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1:1@0_CC2:1@0



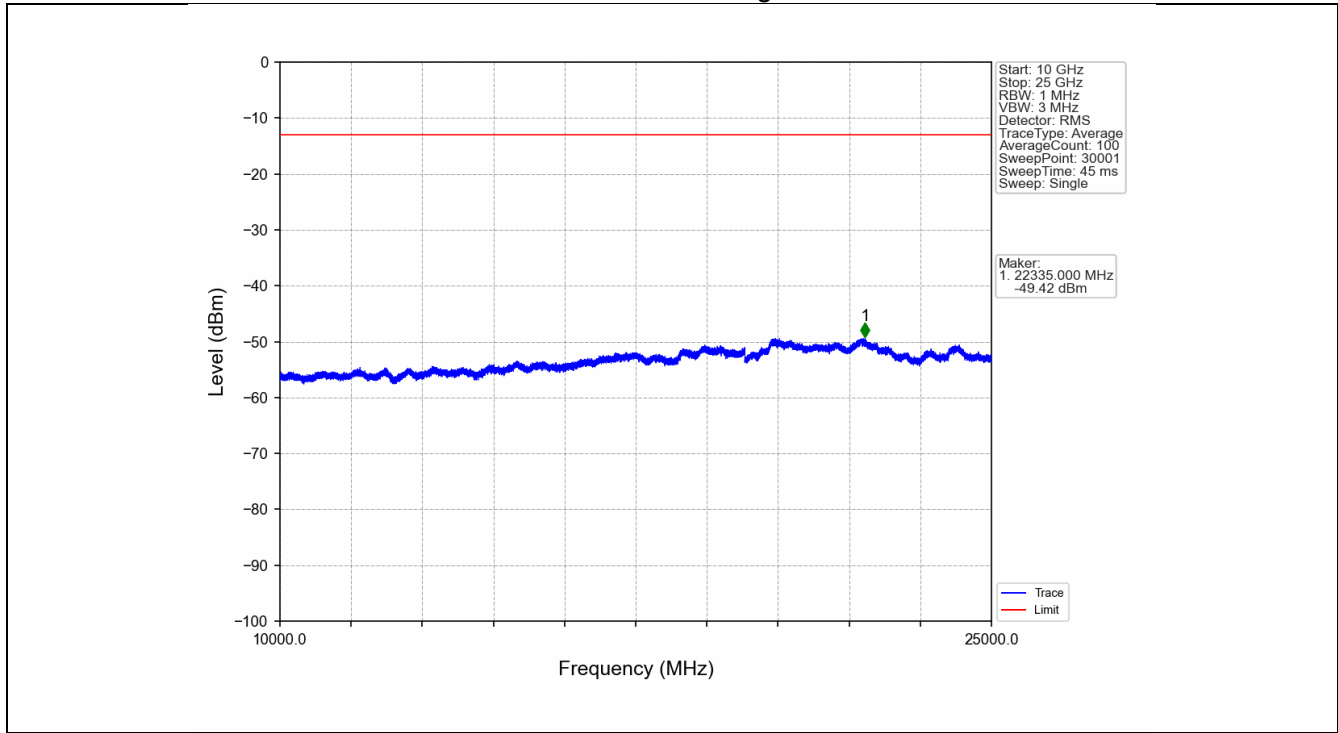
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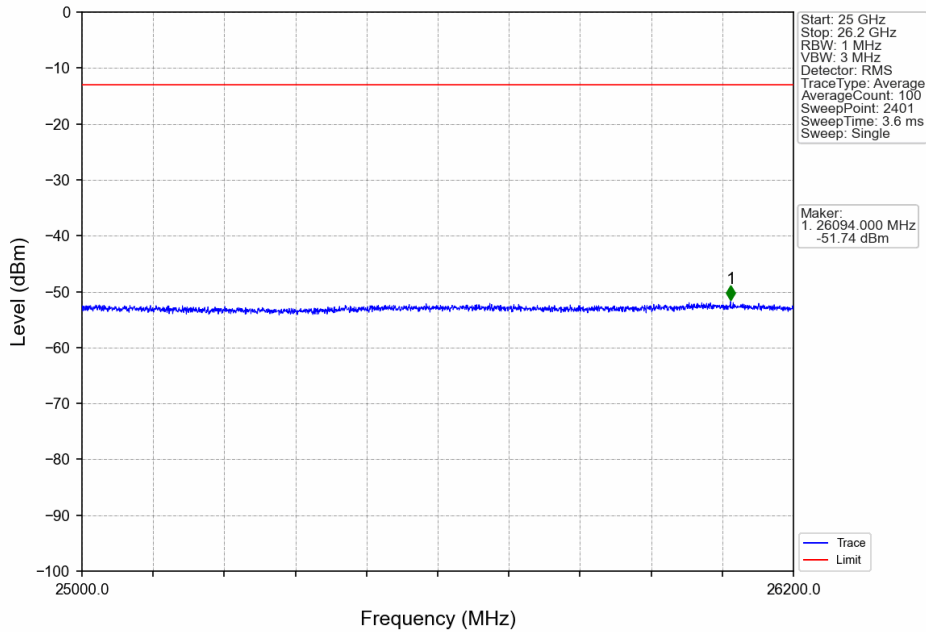


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CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1: 1@99_CC2: 1@99

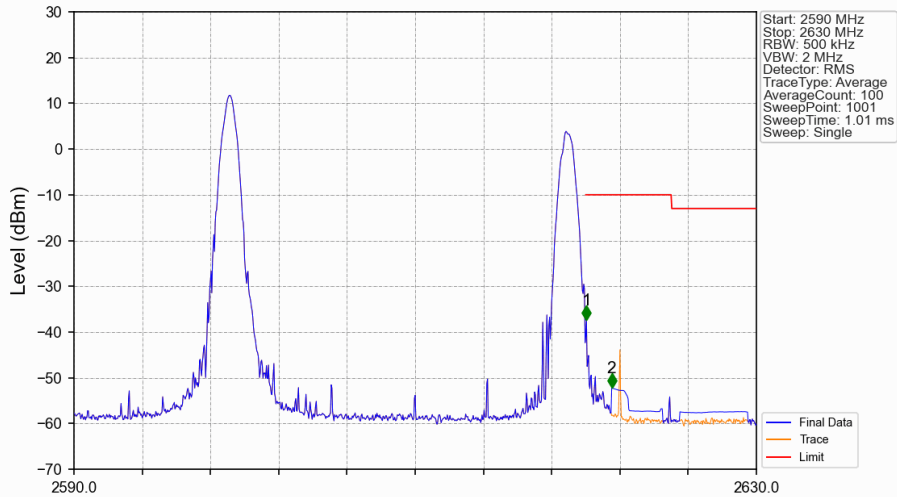


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2590	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.040	-37.34	-10	Pass
2621	2630	1	CHP	2	2621.520	-52.19	-10	Pass



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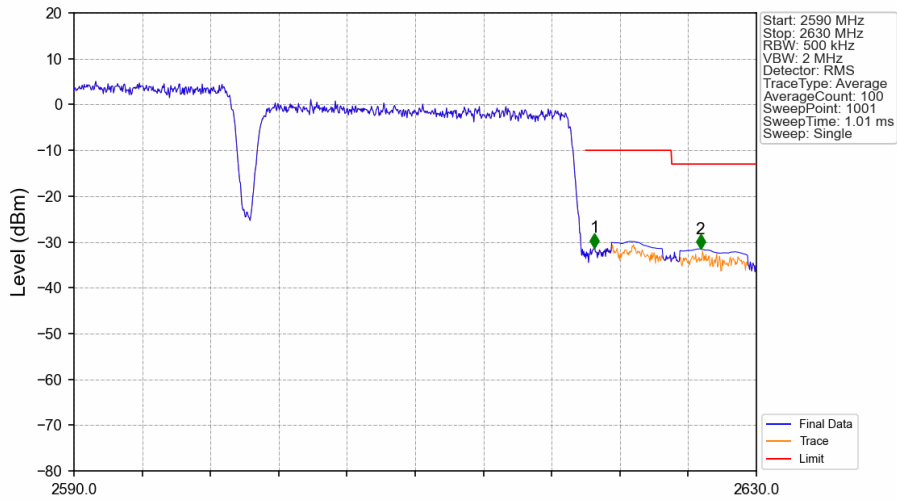


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.520	-31.24	-10	Pass
2621	2630	1	CHP	2	2626.720	-31.50	-13	Pass

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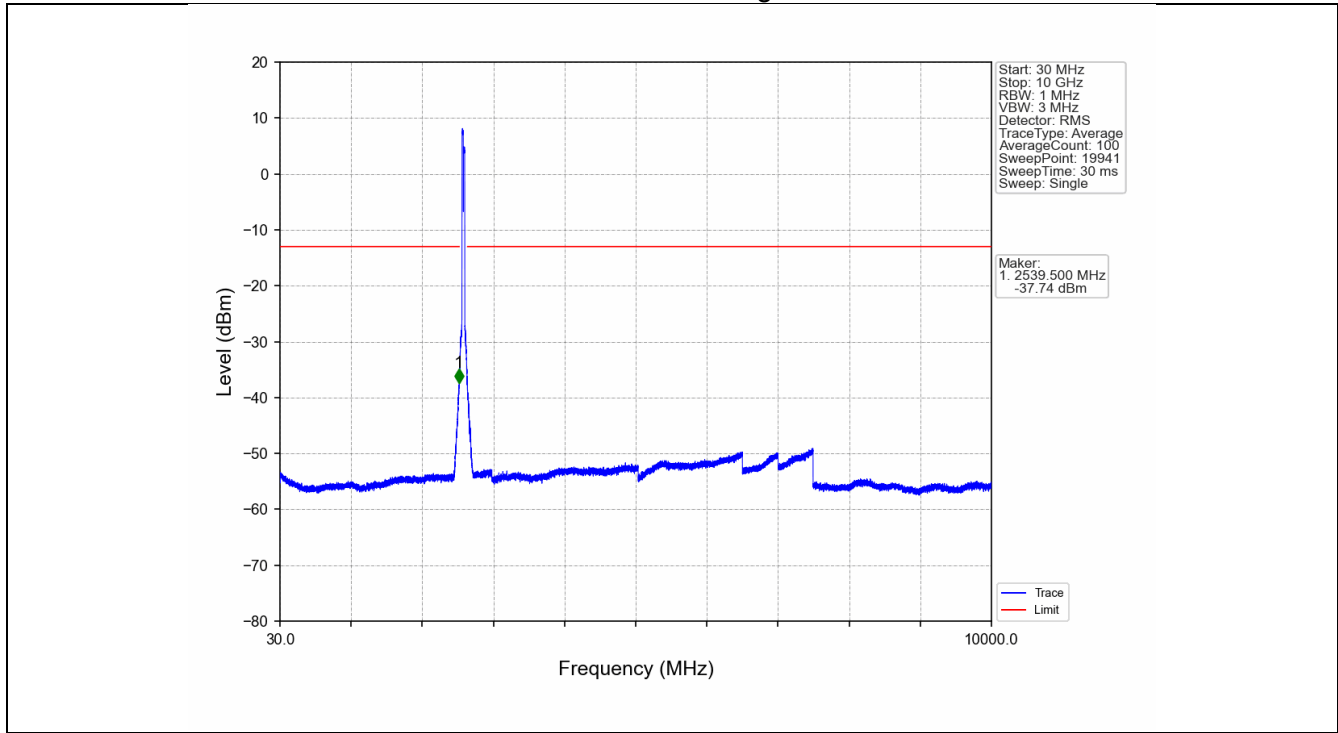


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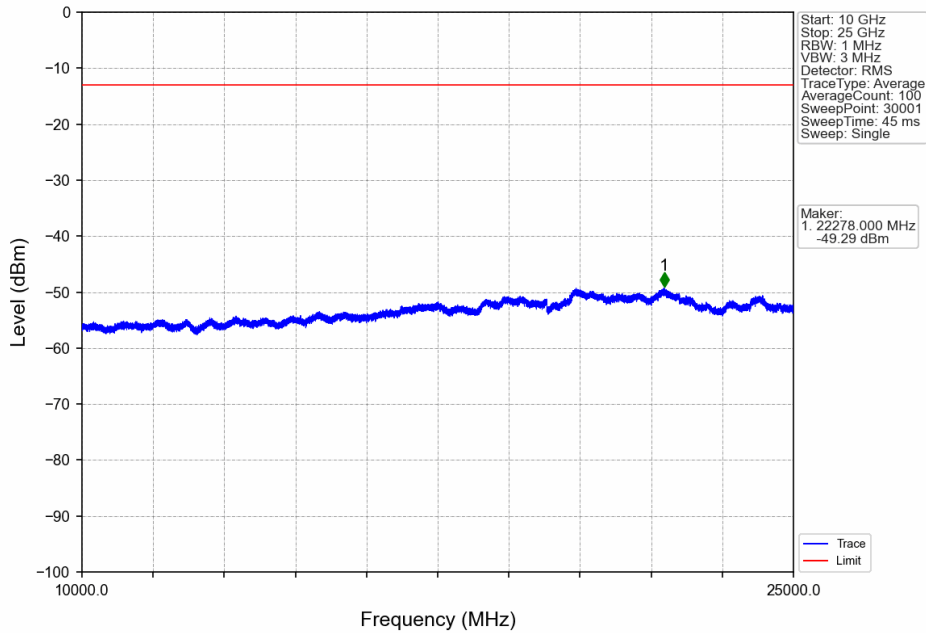


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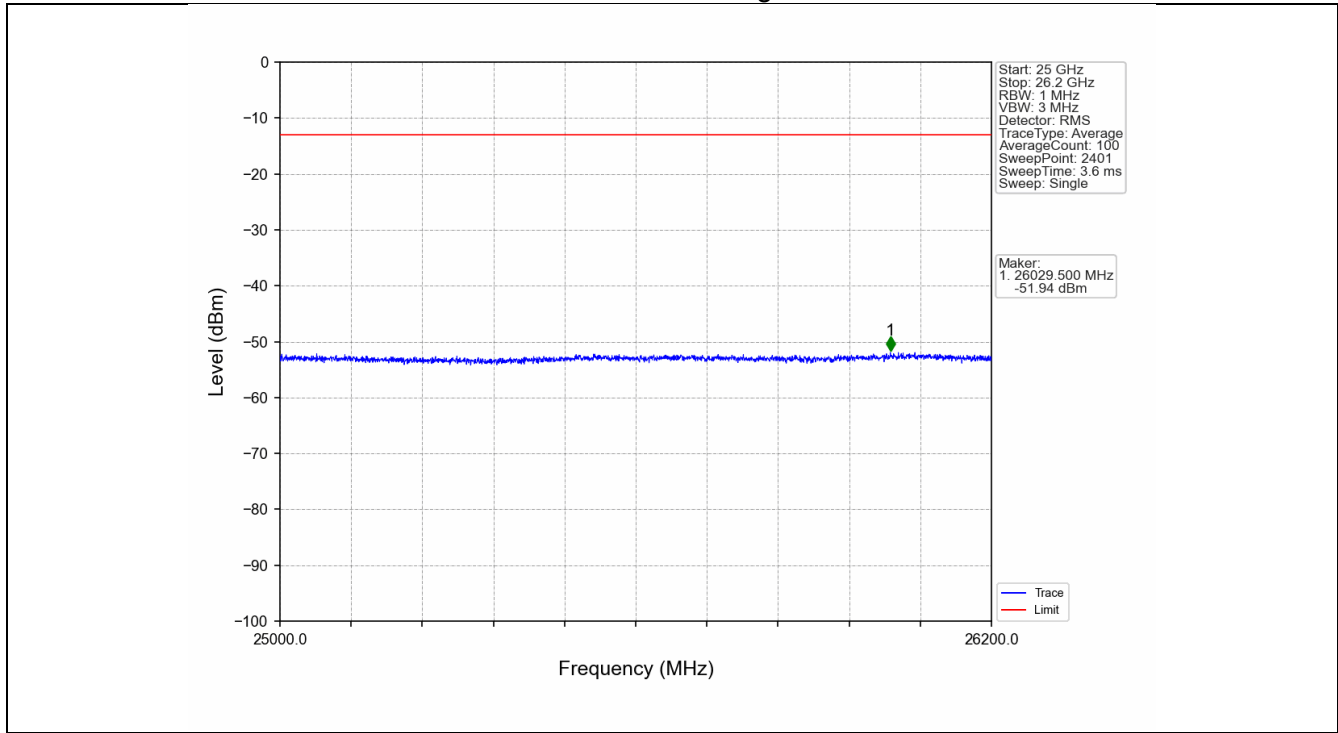
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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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4. Field Strength of Spurious Radiation

For report SUCR240400009001:

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

Table with 9 columns: NO., Freq. [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.

Table with 9 columns: NO., Freq. [MHz], Reading [dBµV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.



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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



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For report SUCR240400008901:

Test Band = LTE Band38CA_TM1
Test Channel = Low

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of data.

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of data.



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Test Band = LTE Band38CA_ TM1
Test Channel = Mid

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.



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Test Band = LTE Band38CA_ TM1
Test Channel = High

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.

Table with 9 columns: NO., Frequency [MHz], Reading [dBμV], Factor [dB], AF[dB/m], Level [dBm], Limit [dBm], Margin [dB], Polarity. Contains 6 rows of test data.

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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