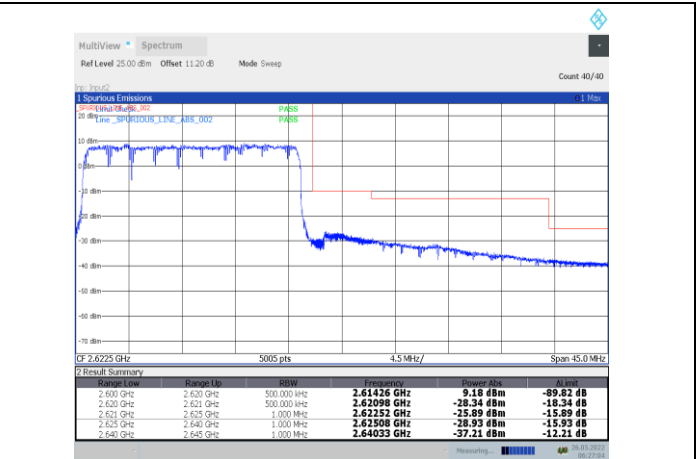
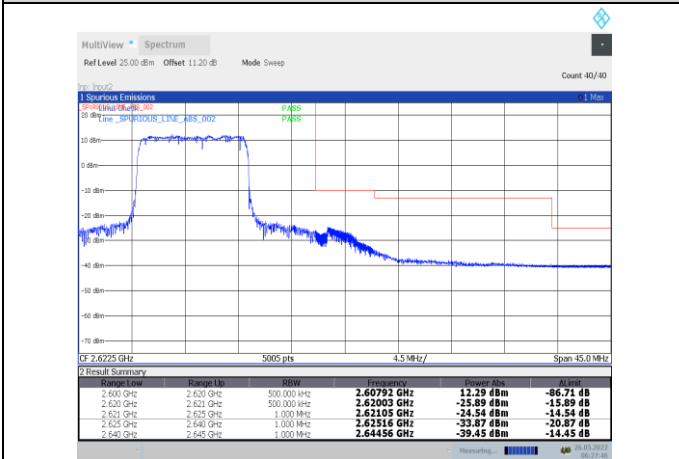


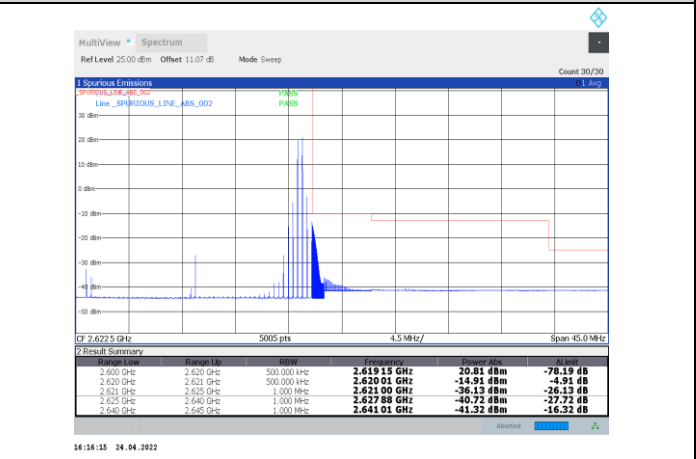
1-N38-PC3-30-20-H-6-DFT-QPSK-Edge\_1RB\_Right-1 @50-Ant1-PASS-see graph



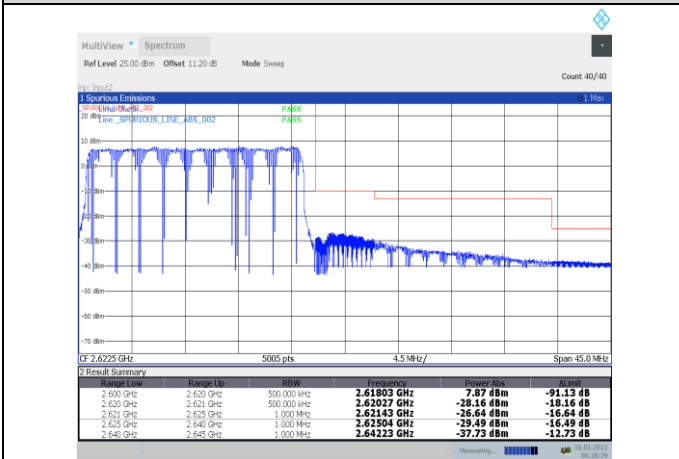
1-N38-PC3-30-20-H-7-DFT-QPSK-Outer\_Full-50@0-Ant 1-PASS-see graph



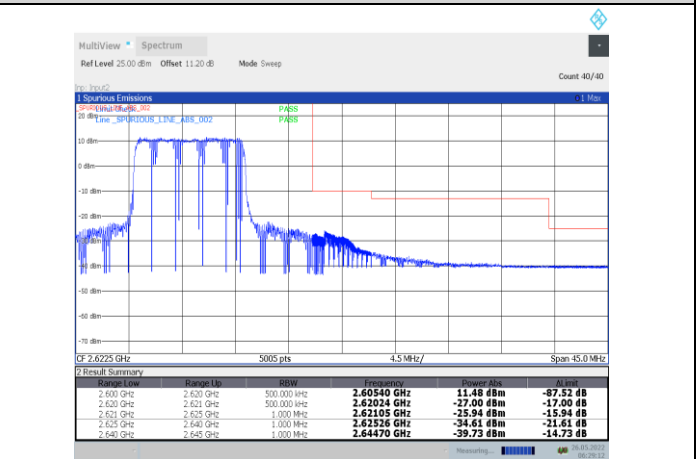
1-N38-PC3-30-20-H-8-DFT-QPSK-Inner\_Full-25@12-A nt1-PASS-see graph



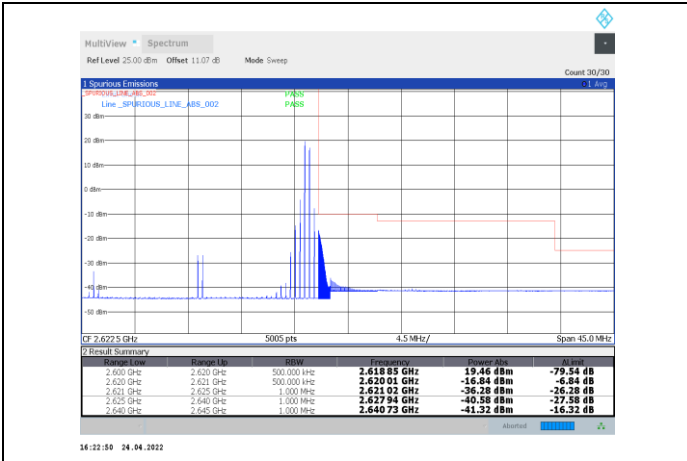
1-N38-PC3-30-20-H-10-DFT-16QAM-Edge\_1RB\_Right-1 @50-Ant1-PASS-see graph



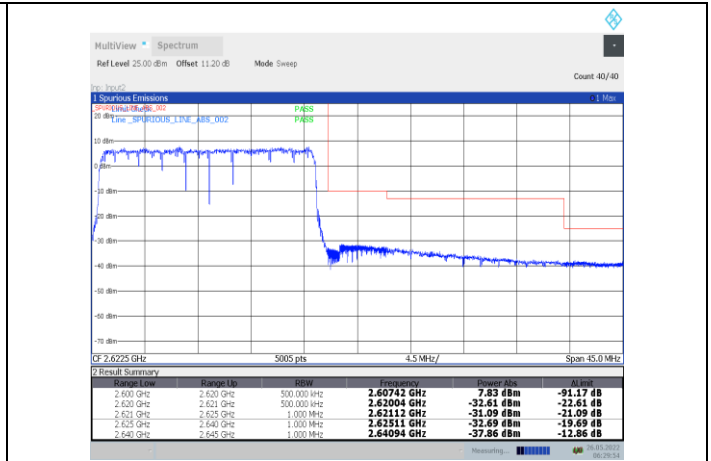
1-N38-PC3-30-20-H-11-DFT-16QAM-Outer\_Full-50@0 -Ant1-PASS-see graph



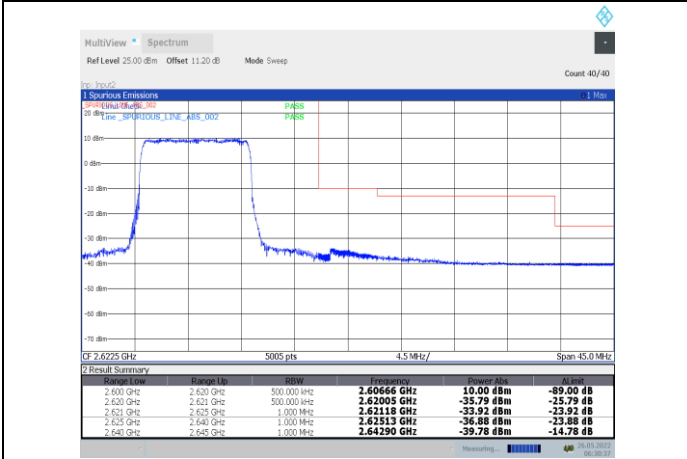
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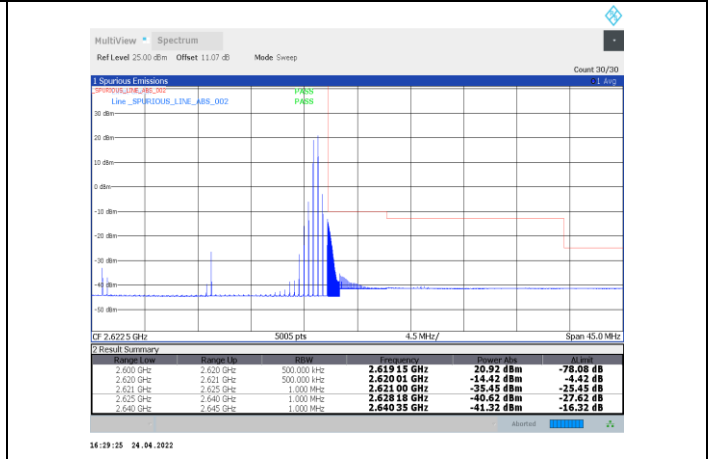
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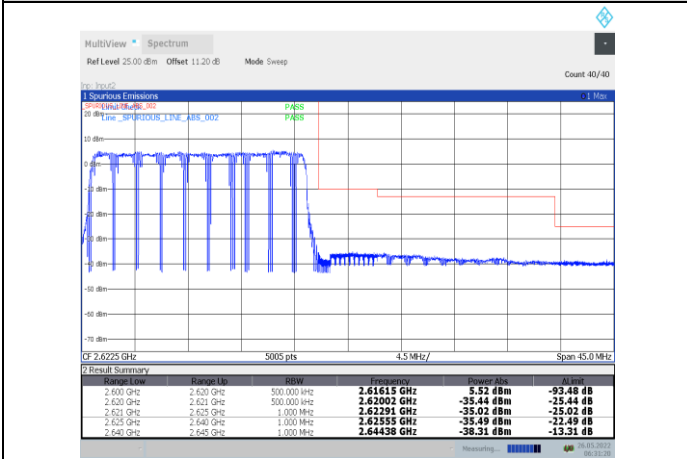
1-N38-PC3-30-20-H-15-DFT-64QAM-Outer\_Full-50@0-Ant1-PASS-see graph



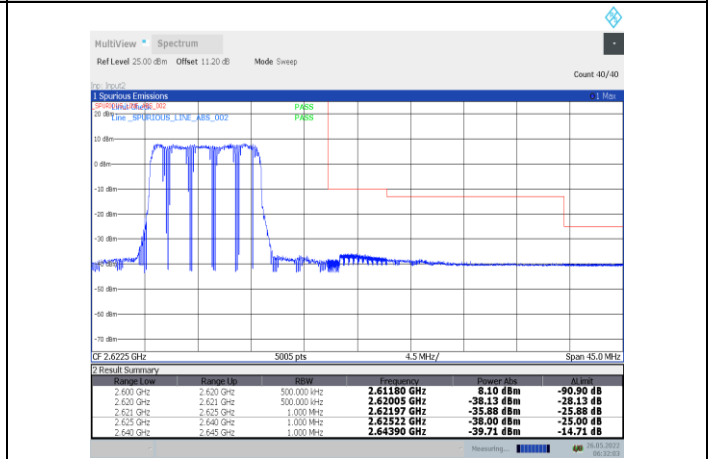
1-N38-PC3-30-20-H-16-DFT-64QAM-Inner\_Full-25@12-Ant1-PASS-see graph



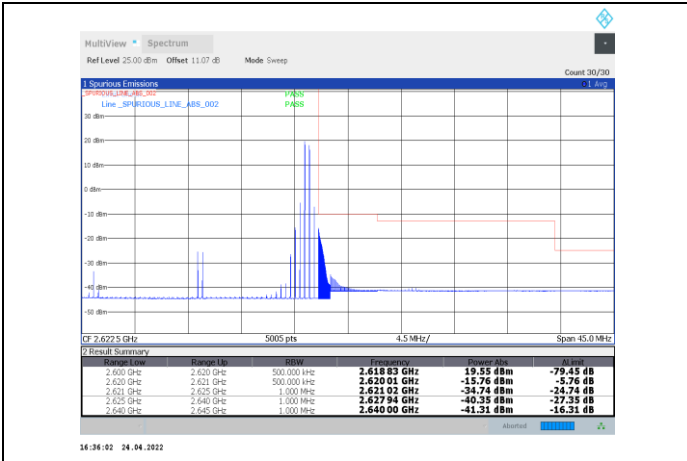
1-N38-PC3-30-20-H-18-DFT-256QAM-Edge\_1RB\_Right\_1@50-Ant1-PASS-see graph



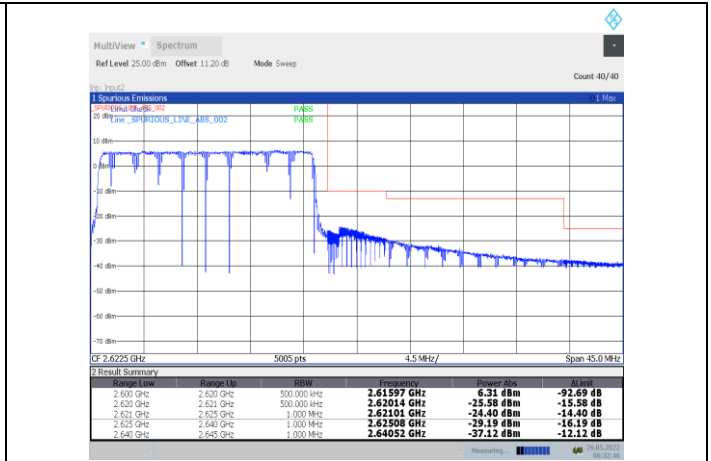
1-N38-PC3-30-20-H-19-DFT-256QAM-Outer\_Full-50@0-Ant1-PASS-see graph



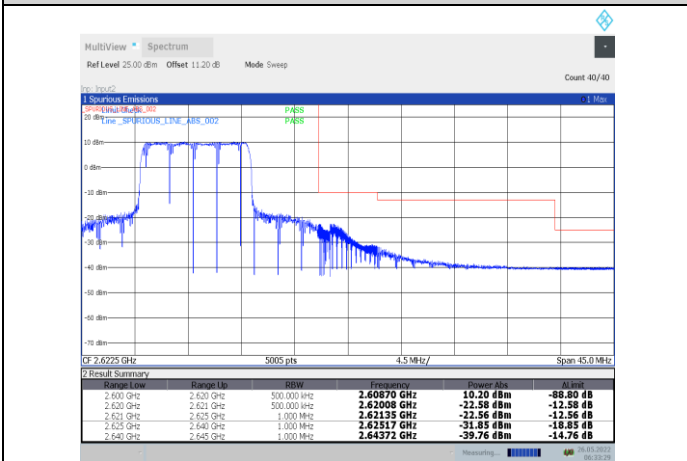
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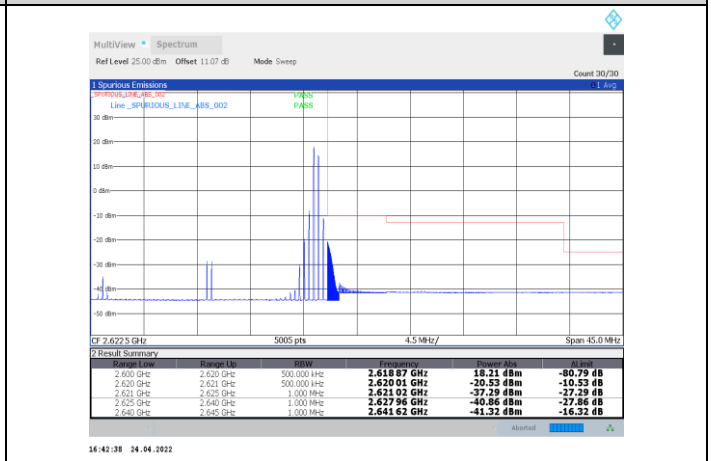
1-N38-PC3-30-20-H-22-CP-QPSK-Edge\_1RB\_Right-1 @50-Ant1-PASS-see graph



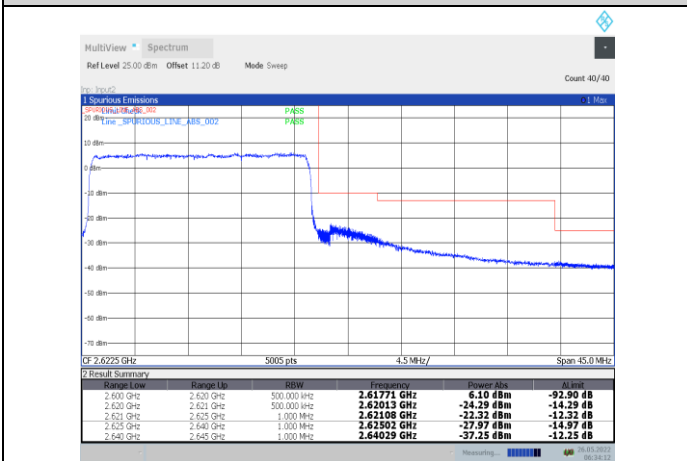
1-N38-PC3-30-20-H-23-CP-QPSK-Outer\_Full-51 @0-Ant 1-PASS-see graph



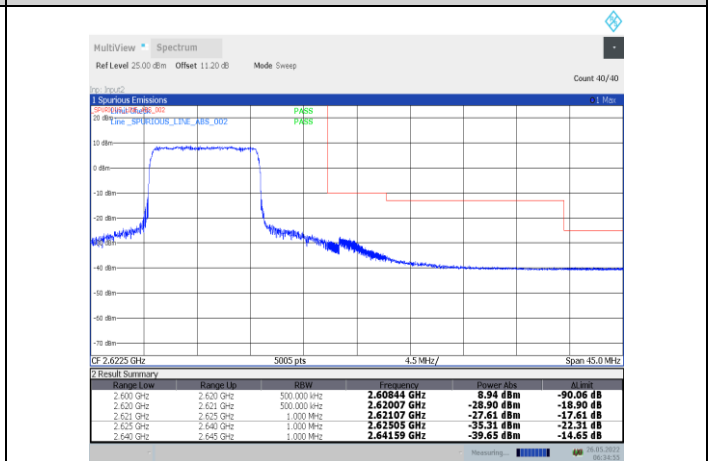
1-N38-PC3-30-20-H-24-CP-QPSK-Inner\_Full-25 @12-A nt1-PASS-see graph



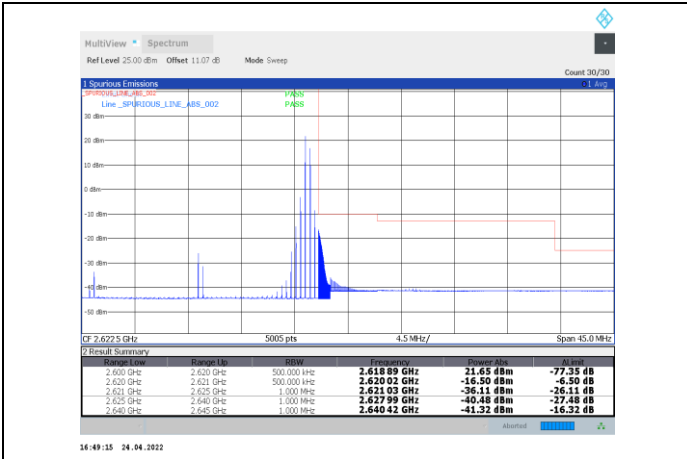
1-N38-PC3-30-20-H-26-CP-16QAM-Edge\_1RB\_Right-1 @50-Ant1-PASS-see graph



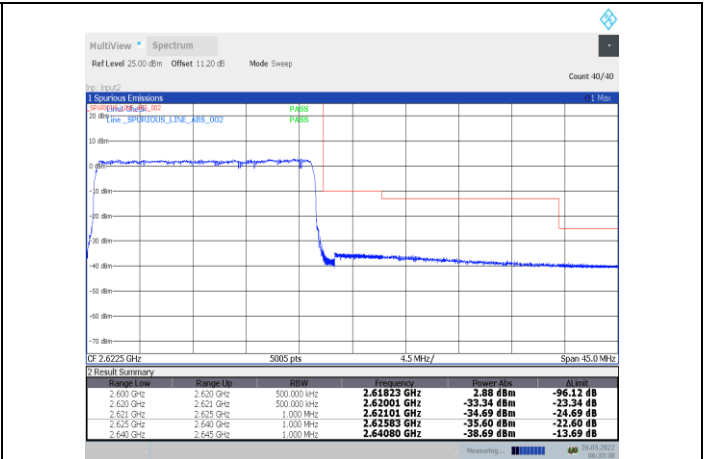
1-N38-PC3-30-20-H-27-CP-16QAM-Outer\_Full-51 @0-Ant1-PASS-see graph



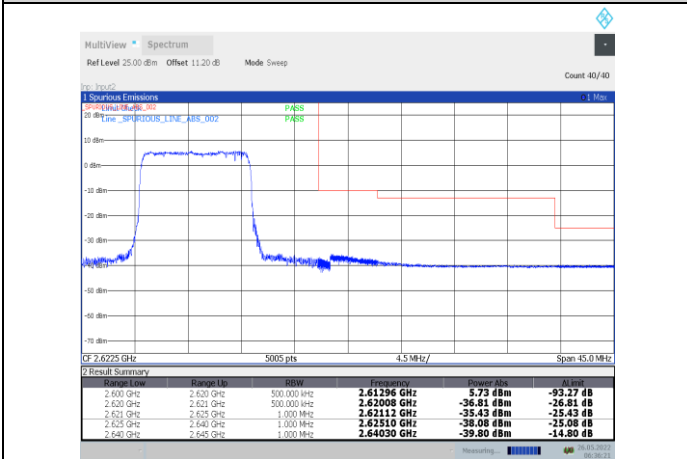
1-N38-PC3-30-20-H-28-CP-16QAM-Inner\_Full-25 @12-A nt1-PASS-see graph



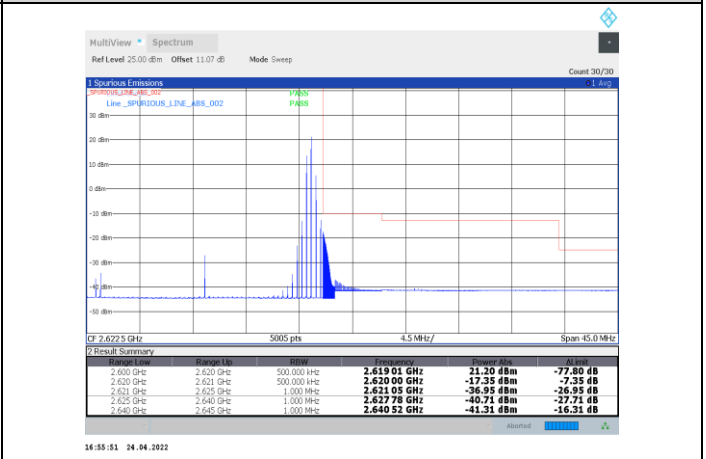
1-N38-PC3-30-20-H-30-CP-64QAM-Edge\_1RB\_Right\_1@50-Ant1-PASS-see graph



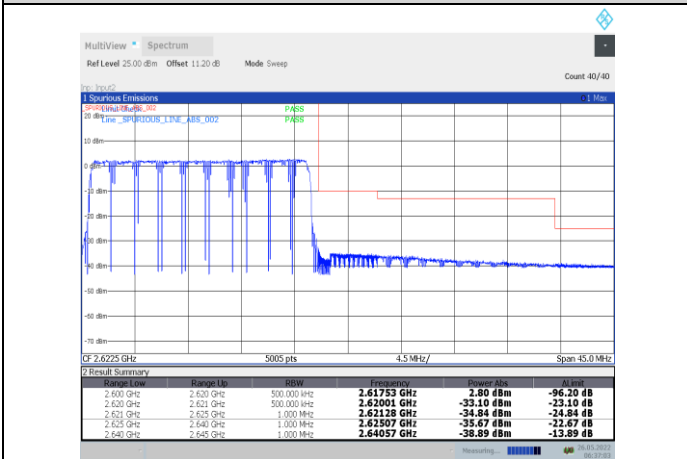
1-N38-PC3-30-20-H-31-CP-64QAM-Outer\_Full-51@0-Ant1-PASS-see graph



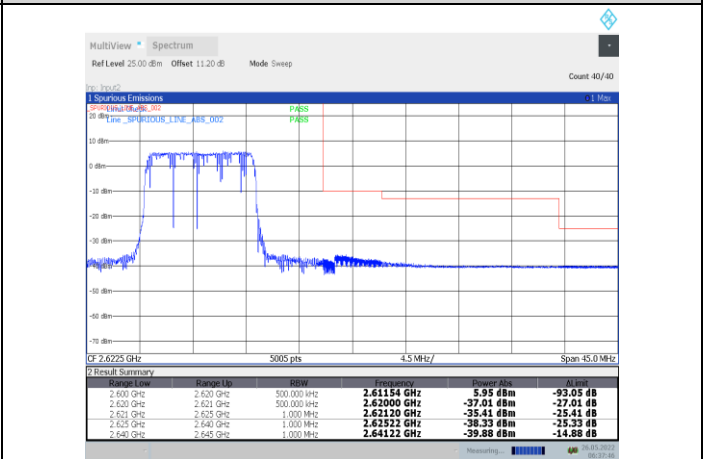
1-N38-PC3-30-20-H-32-CP-64QAM-Inner\_Full-25@12-Ant1-PASS-see graph



1-N38-PC3-30-20-H-34-CP-256QAM-Edge\_1RB\_Right\_1@50-Ant1-PASS-see graph



1-N38-PC3-30-20-H-35-CP-256QAM-Outer\_Full-51@0-Ant1-PASS-see graph



1-N38-PC3-30-20-H-36-CP-256QAM-Inner\_Full-25@12-Ant1-PASS-see graph

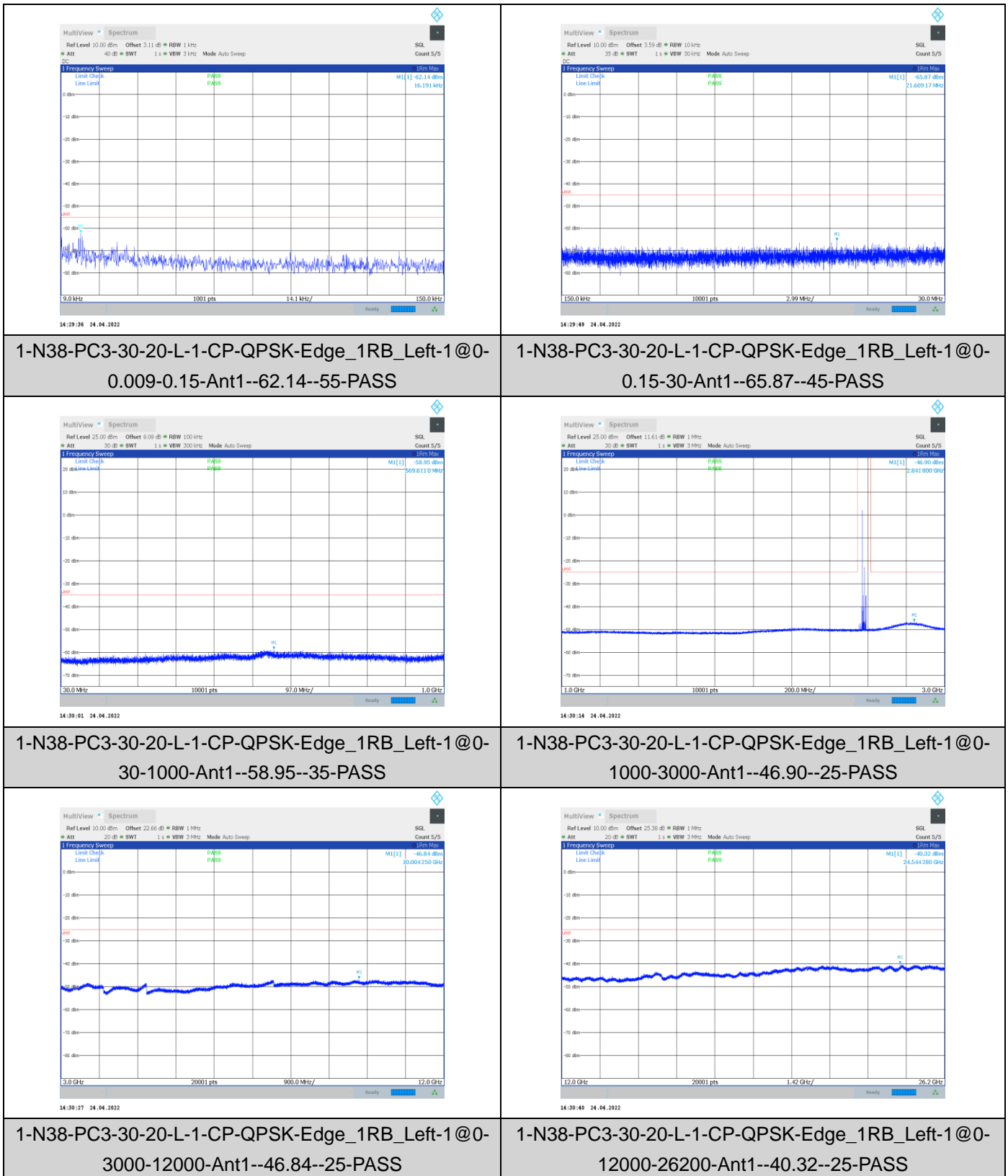
## 6 Appendix F: Spurious Emission at Antenna Terminals

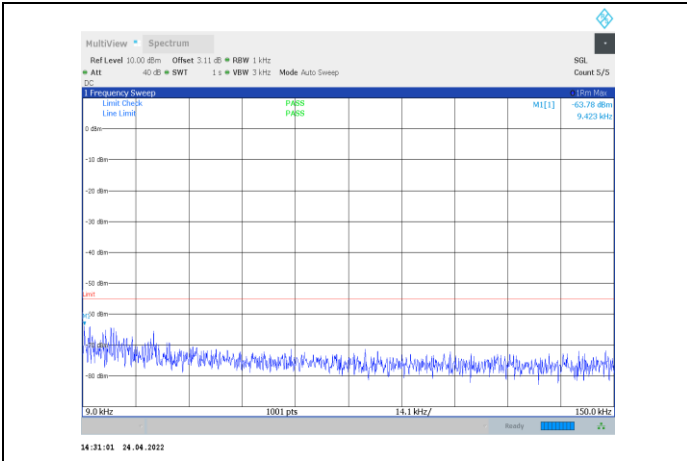
### 6.1 Test Result for SA

Band	SCS	BW	Channel	Freq [MHz]	Modulation	RB Config	Verdict
N38	30	20	L	2580	CP-QPSK	Edge_1RB_Left	PASS
N38	30	20	L	2580	CP-QPSK	Edge_1RB_Right	PASS
N38	30	20	L	2580	CP-QPSK	Outer_Full	PASS
N38	30	20	M	2595	CP-QPSK	Edge_1RB_Left	PASS
N38	30	20	M	2595	CP-QPSK	Edge_1RB_Right	PASS
N38	30	20	M	2595	CP-QPSK	Outer_Full	PASS
N38	30	20	H	2610	CP-QPSK	Edge_1RB_Left	PASS
N38	30	20	H	2610	CP-QPSK	Edge_1RB_Right	PASS
N38	30	20	H	2610	CP-QPSK	Outer_Full	PASS

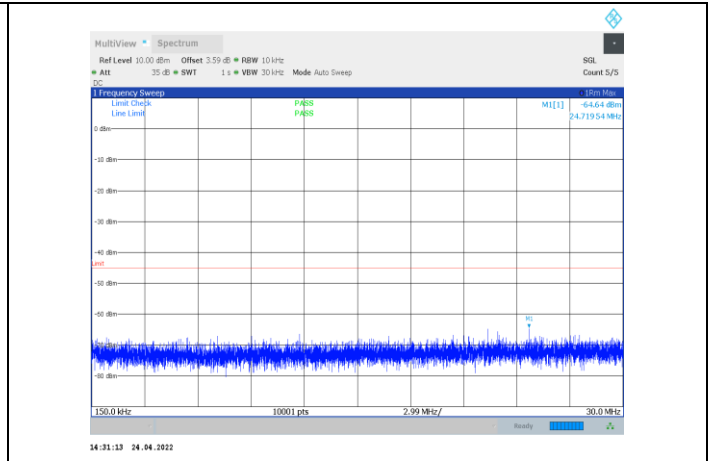
## 6.2 Test Plots for SA

Channel bandwidth=20MHz

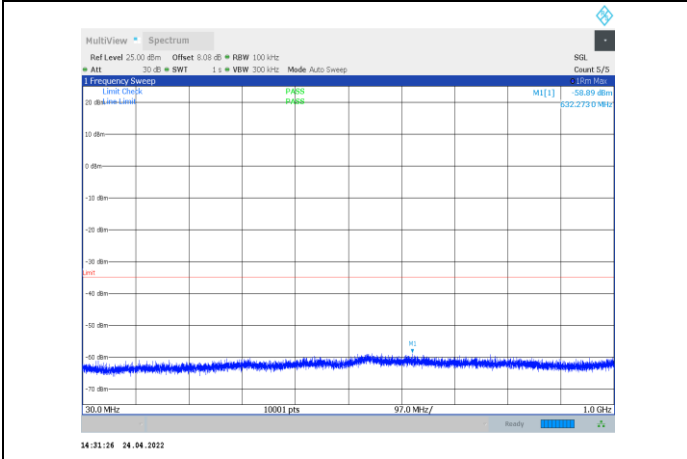




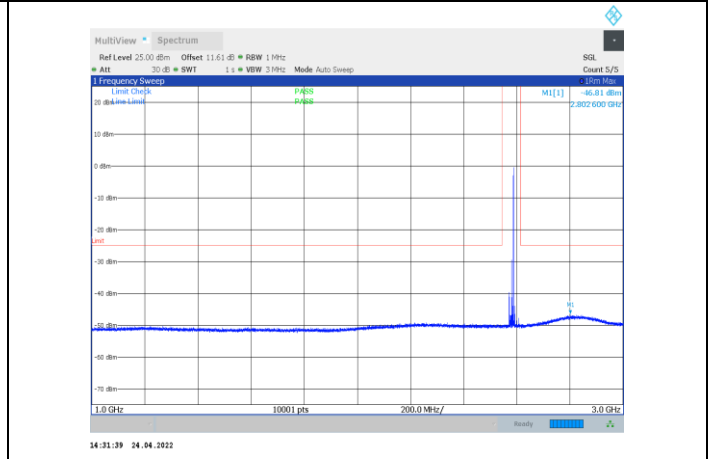
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 50-0.009-0.15-Ant1--63.78--55-PASS



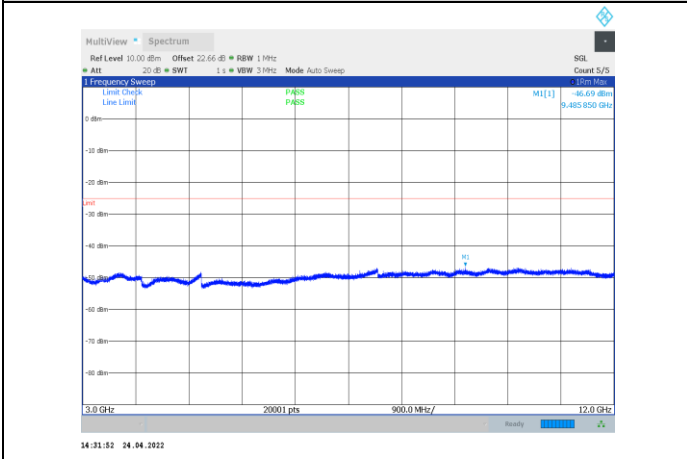
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 0-0.15-30-Ant1--64.64--45-PASS



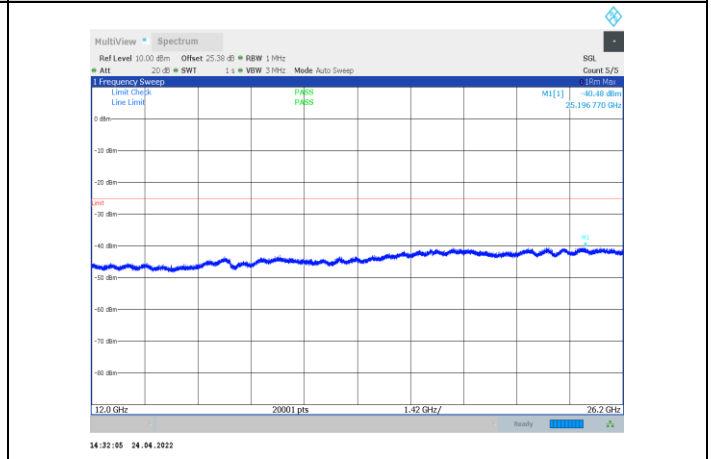
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 50-30-1000-Ant1--58.89--35-PASS



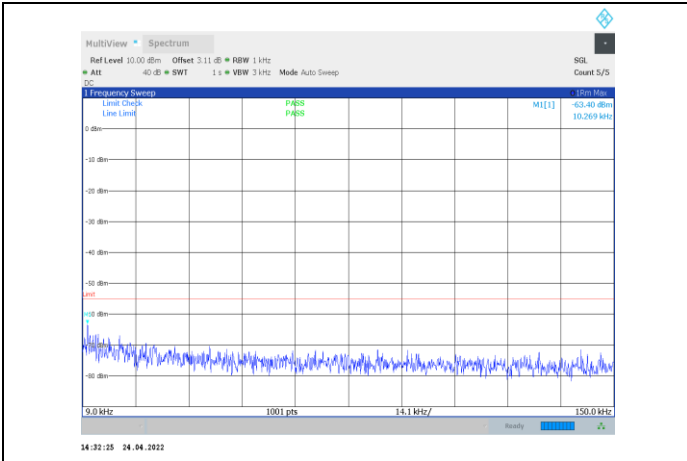
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 0-1000-3000-Ant1--46.81--25-PASS



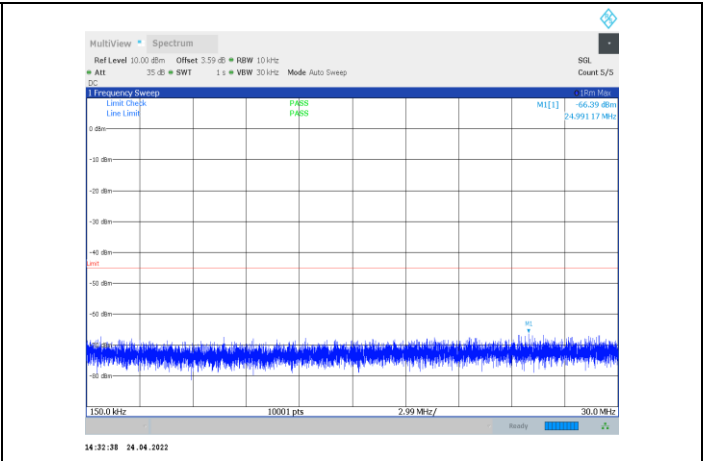
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 50-3000-12000-Ant1--46.69--25-PASS



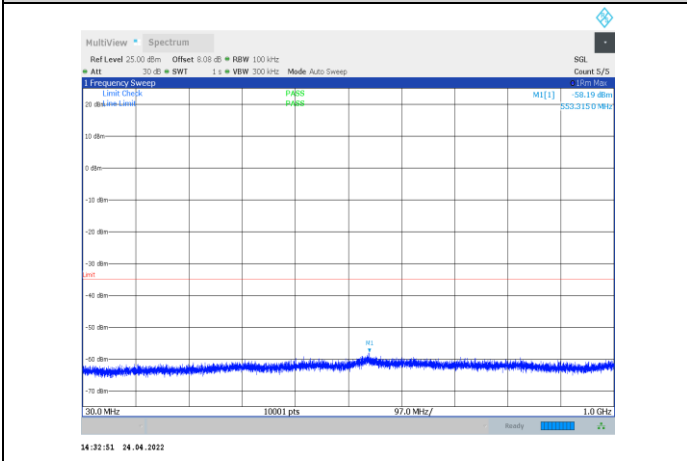
1-N38-PC3-30-20-L-2-CP-QPSK-Edge\_1RB\_Right-1@ 0-12000-26200-Ant1--40.48--25-PASS



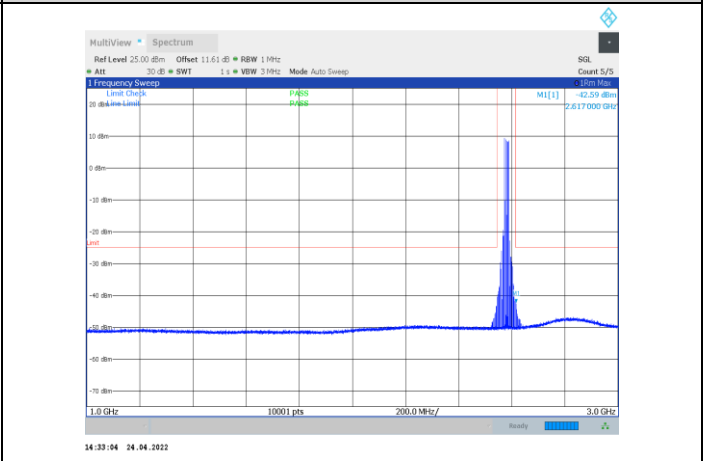
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09-0.15-Ant1--63.40--55-PASS



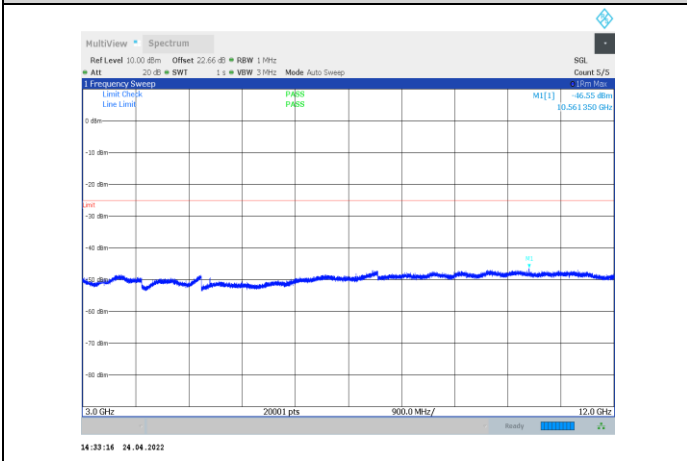
1-N38-PC3-30-20-L-3-CP-QPSK-Outer\_Full-51@0-0.15-  
30-Ant1--66.39--45-PASS



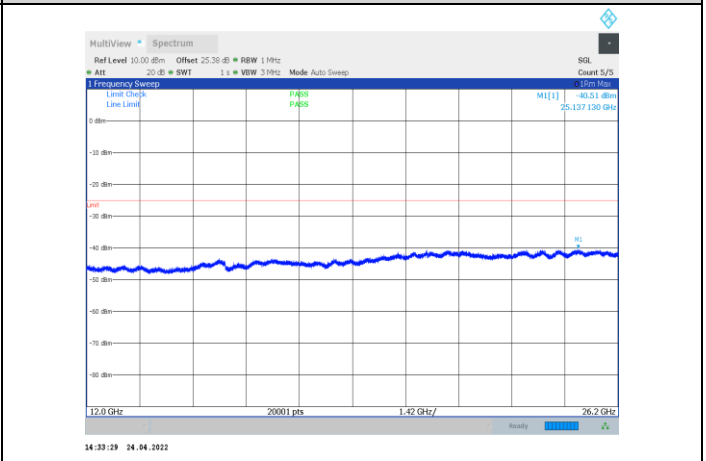
1-N38-PC3-30-20-L-3-CP-QPSK-Outer\_Full-51@0-30-  
1000-Ant1--58.19--35-PASS



1-N38-PC3-30-20-L-3-CP-QPSK-Outer\_Full-51@0-1000  
-3000-Ant1--42.59--25-PASS

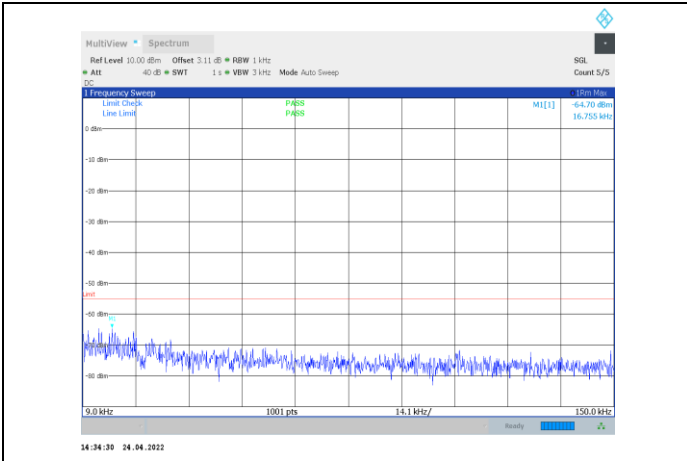


1-N38-PC3-30-20-L-3-CP-QPSK-Outer\_Full-51@0-300  
0-12000-Ant1--46.55--25-PASS

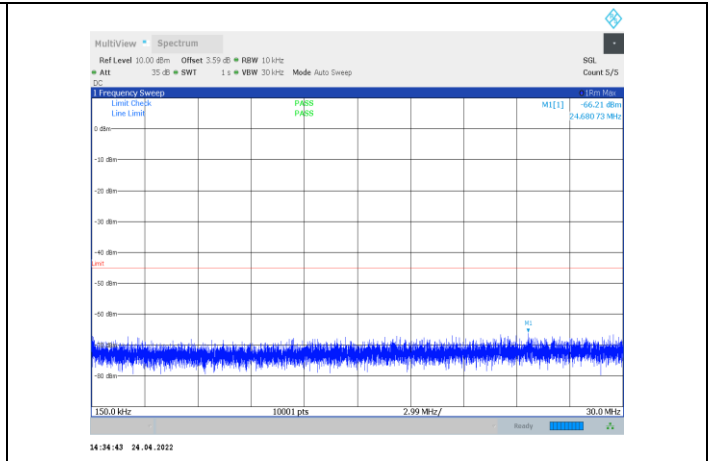


1-N38-PC3-30-20-L-3-CP-QPSK-Outer\_Full-51@0-1200  
0-26200-Ant1--40.51--25-PASS

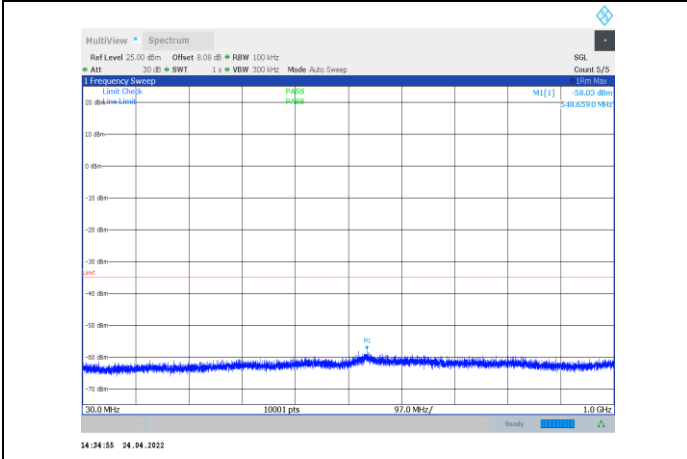




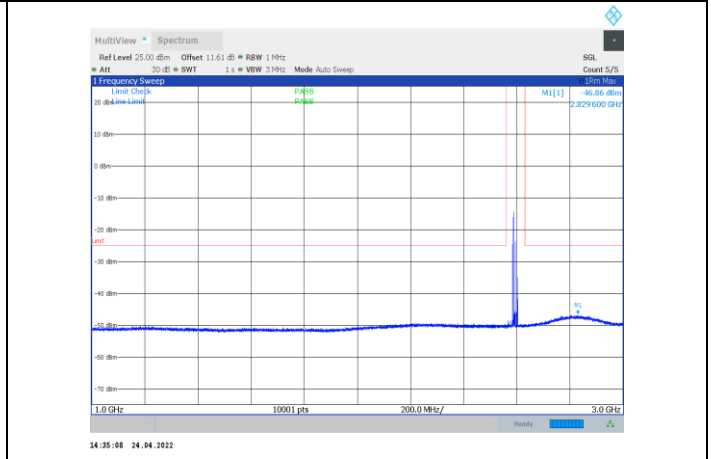
1-N38-PC3-30-20-M-1-CP-QPSK-Edge\_1RB\_Left-1@0  
-0.009-0.15-Ant1--64.70--55-PASS



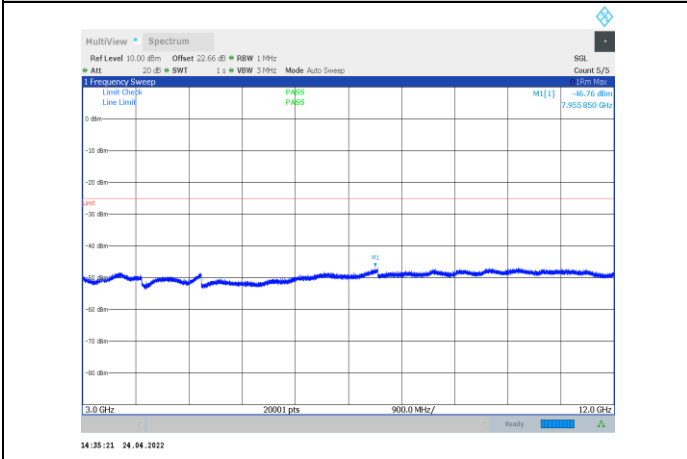
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0.15-30-Ant1--66.21--45-PASS



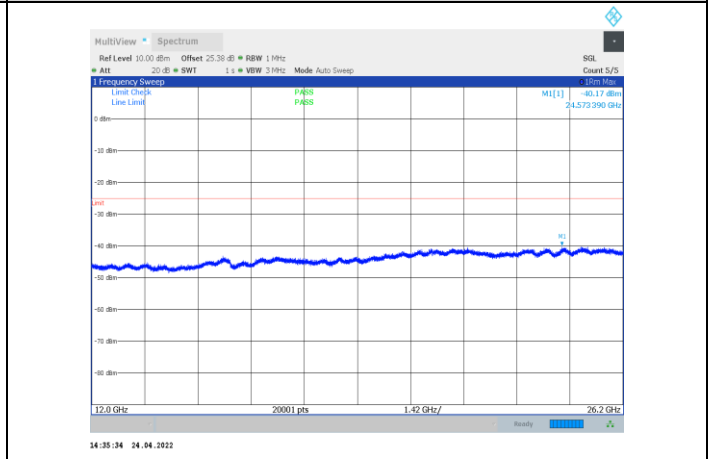
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-30-1000-Ant1--58.03--35-PASS



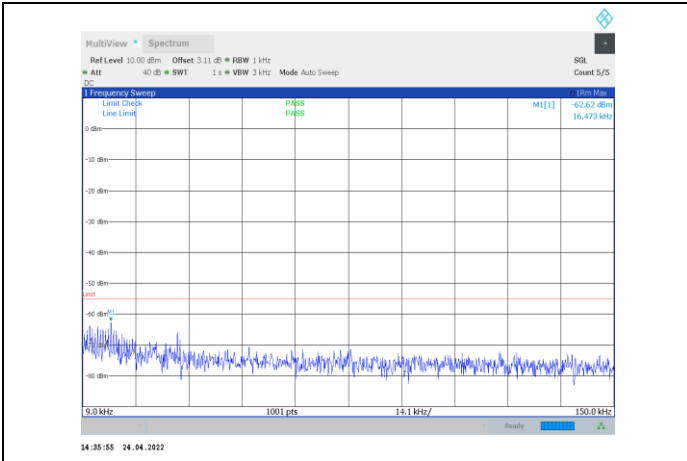
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1000-3000-Ant1--46.86--25-PASS



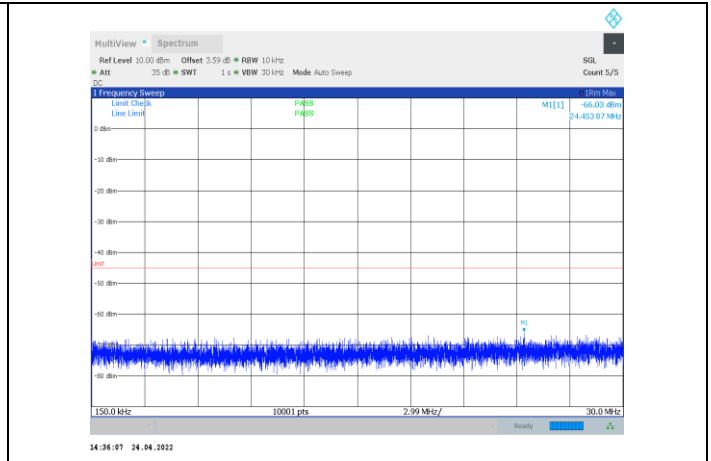
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-3000-12000-Ant1--46.76--25-PASS



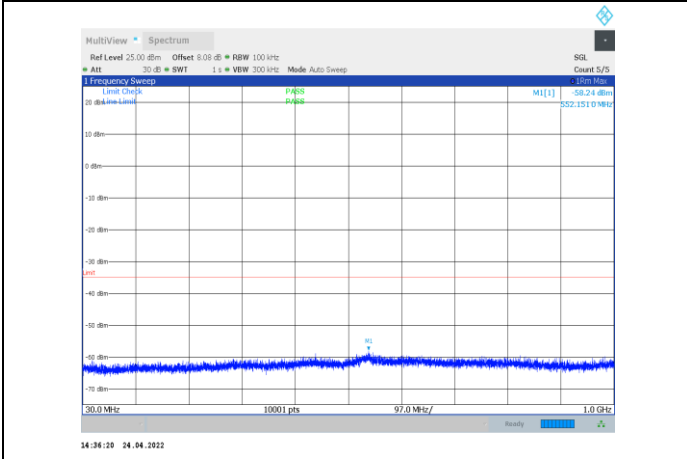
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12000-26200-Ant1--40.17--25-PASS



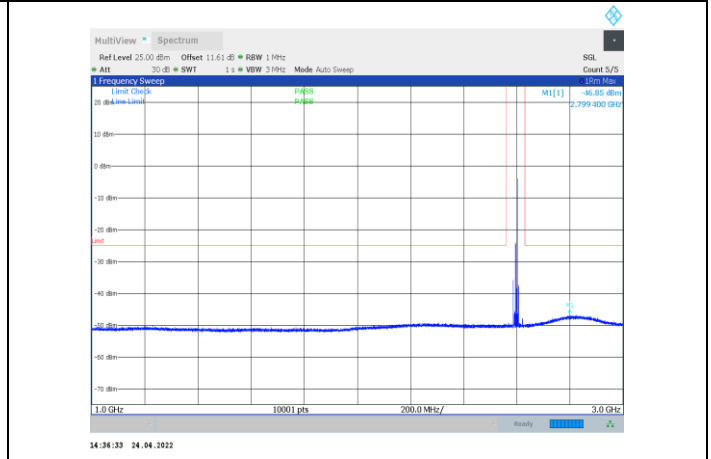
1-N38-PC3-30-20-M-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-0.009-0.15-Ant1--62.62--55-PASS



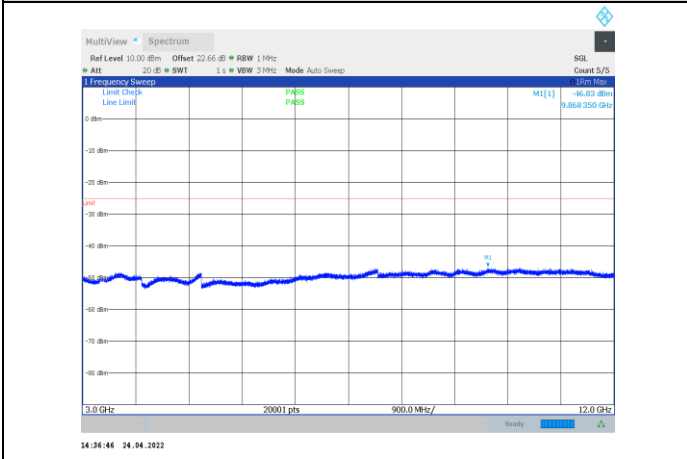
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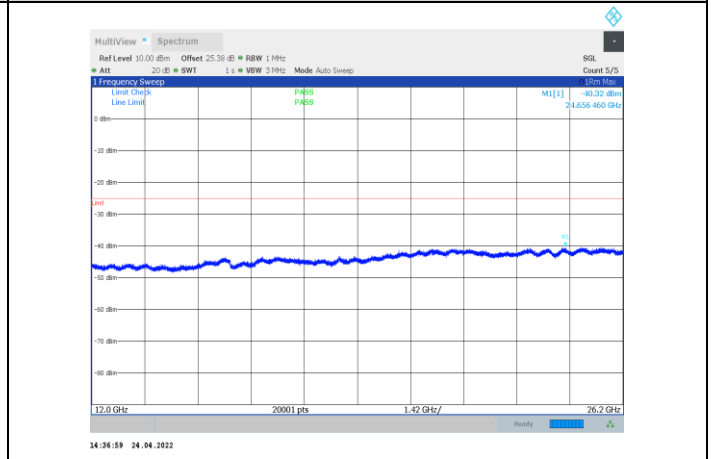
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50-30-1000-Ant1--58.24--35-PASS



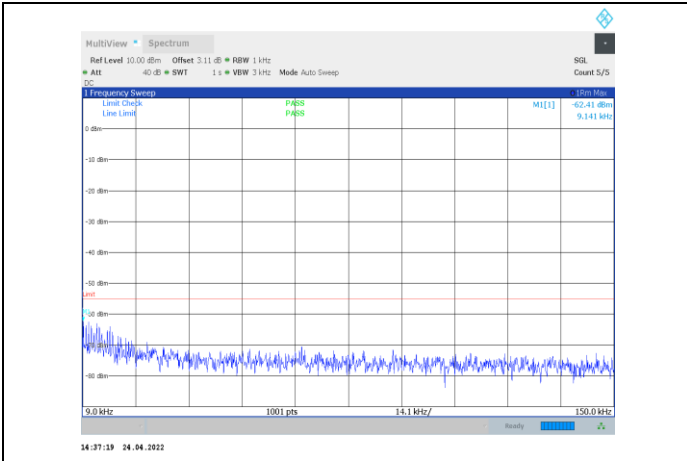
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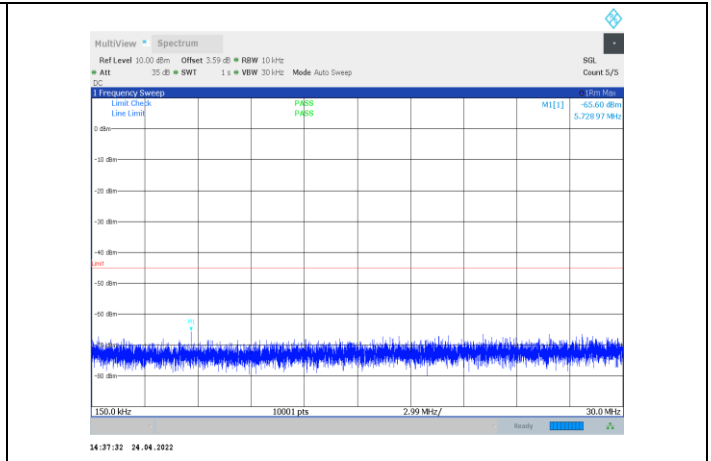
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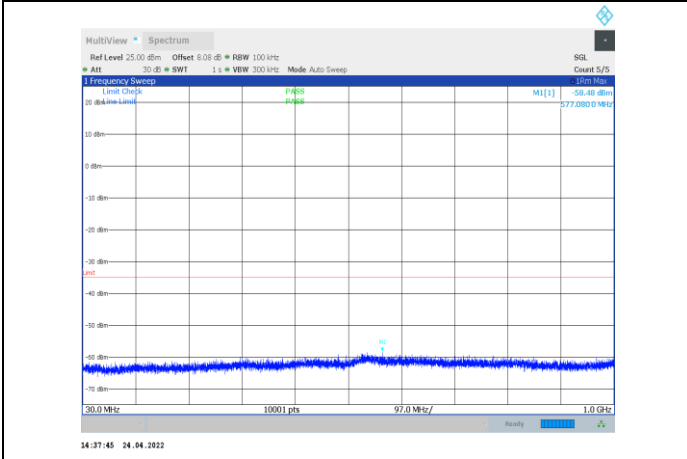
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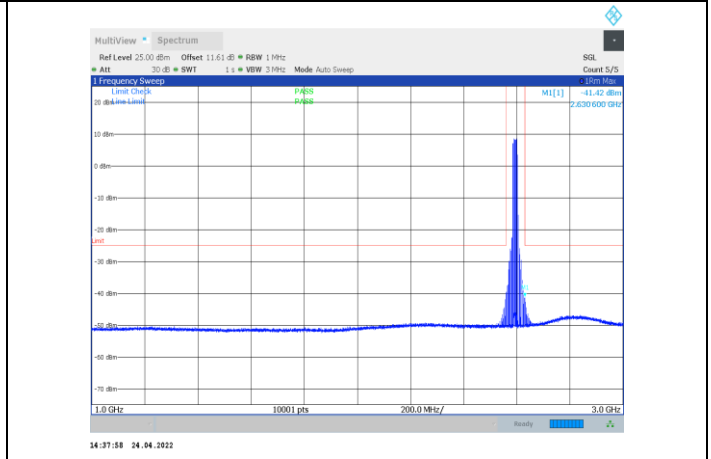
1-N38-PC3-30-20-M-3-CP-QPSK-Outter\_Full-51@0-0.0  
09-0.15-Ant1--62.41--55-PASS



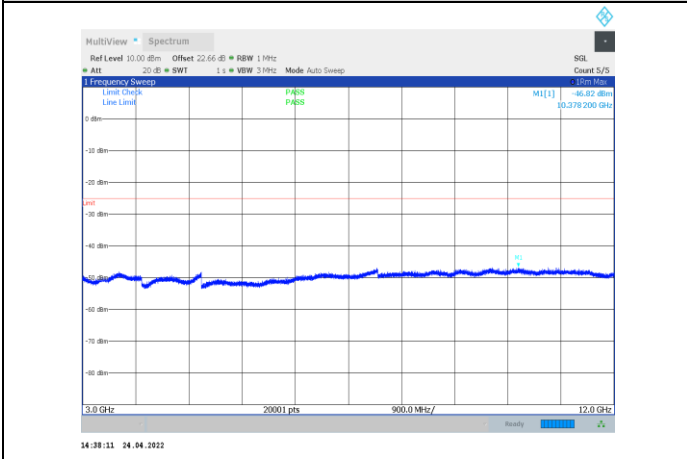
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-30-Ant1--65.60--45-PASS



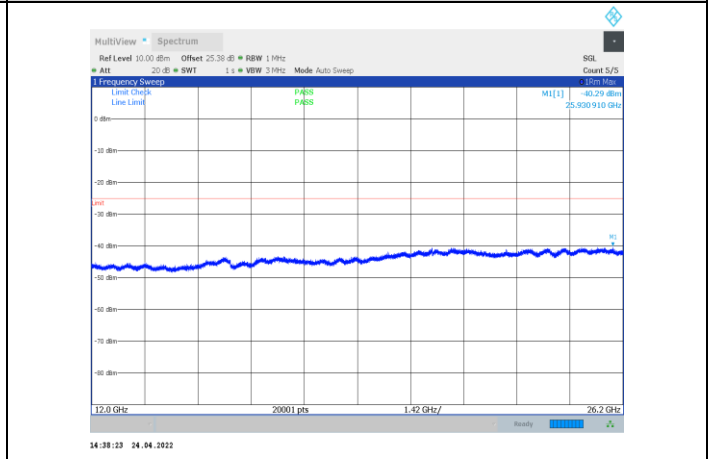
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1000-Ant1--58.48--35-PASS



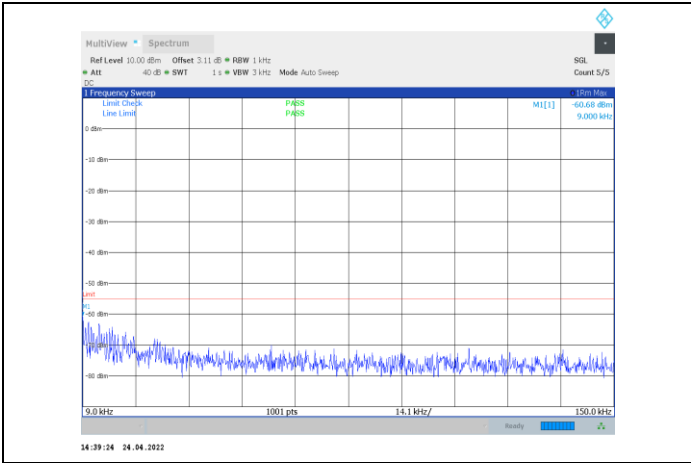
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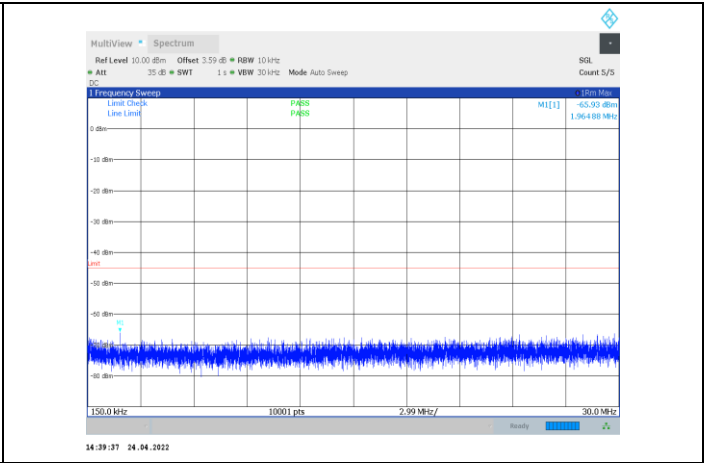
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00-12000-Ant1--46.82--25-PASS



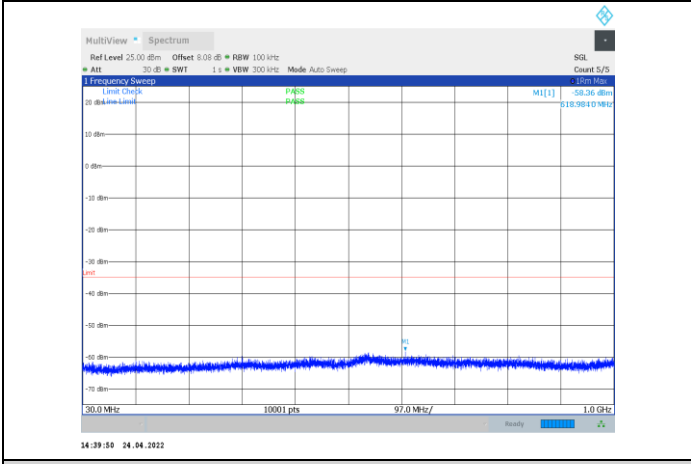
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00-26200-Ant1--40.29--25-PASS



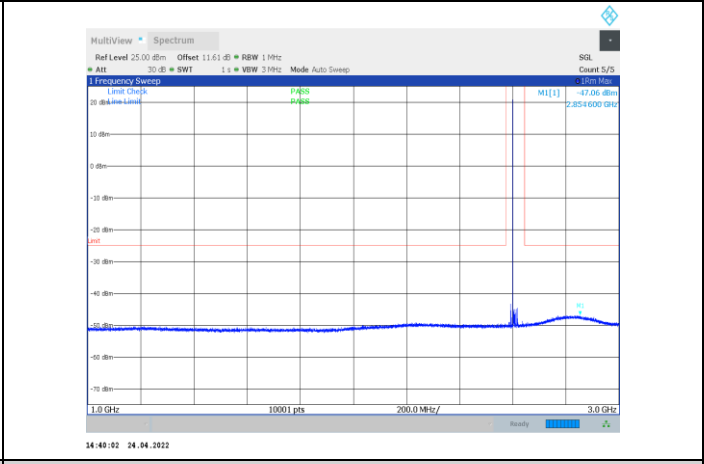
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-0.009-0.15-Ant1--60.68--55-PASS



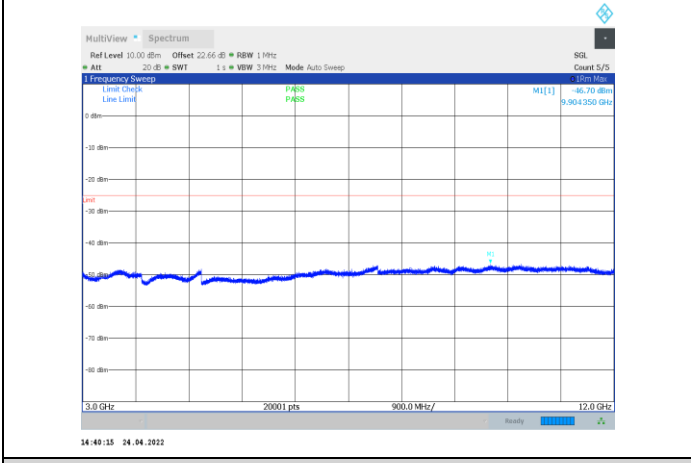
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0.15-30-Ant1--65.93--45-PASS



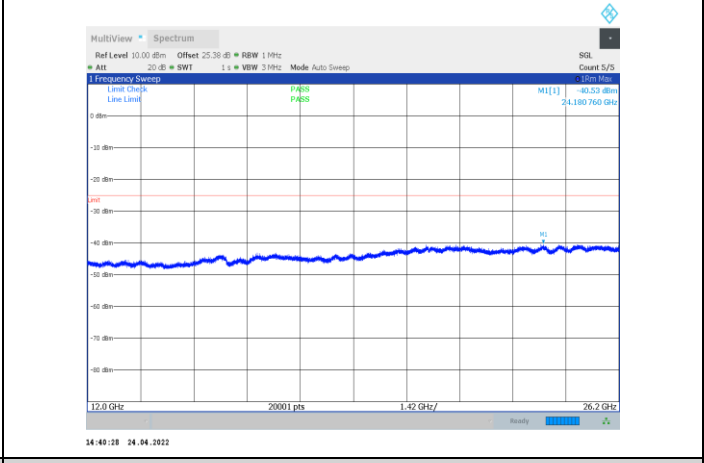
1-N38-PC3-30-20-H-1-CP-QPSK-Edge\_1RB\_Left-1@0  
-30-1000-Ant1--58.36--35-PASS



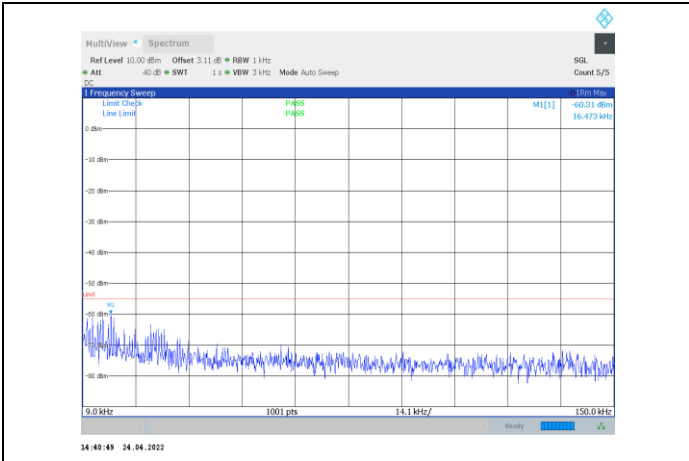
1-N38-PC3-30-20-H-1-CP-QPSK-Edge\_1RB\_Left-1@0  
1000-3000-Ant1--47.06--25-PASS



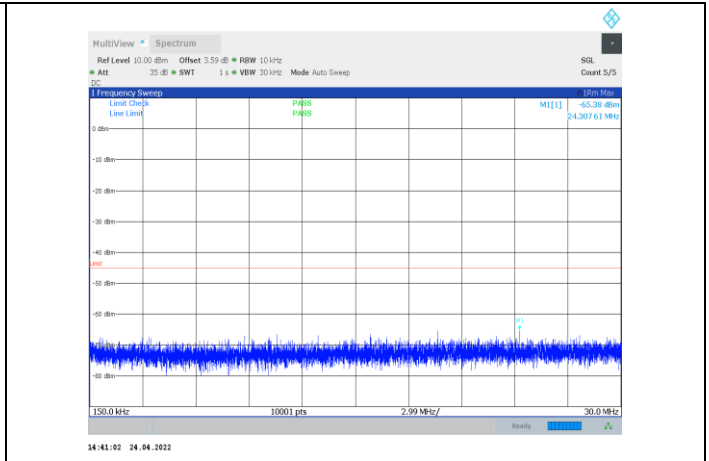
1-N38-PC3-30-20-H-1-CP-QPSK-Edge\_1RB\_Left-1@0  
-3000-12000-Ant1--46.70--25-PASS



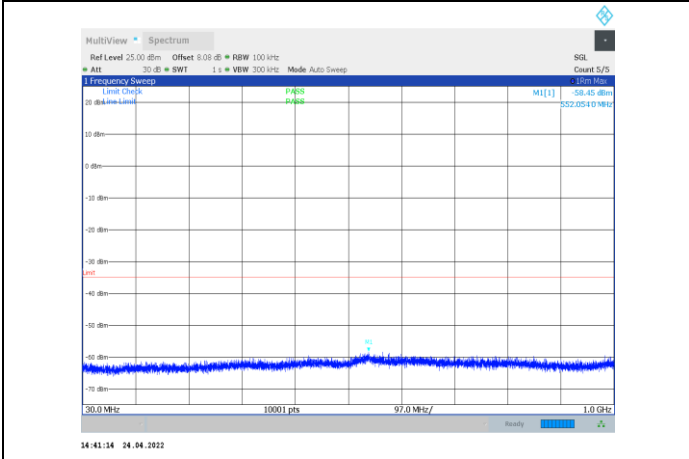
1-N38-PC3-30-20-H-1-CP-QPSK-Edge\_1RB\_Left-1@0  
12000-26200-Ant1--40.53--25-PASS



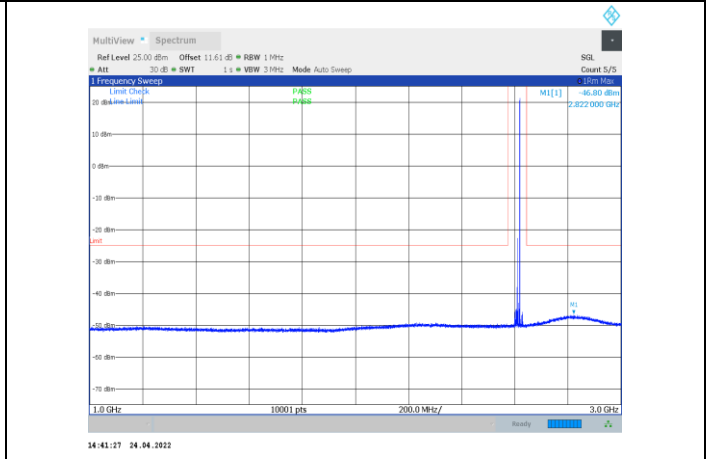
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-0.009-0.15-Ant1--60.31--55-PASS



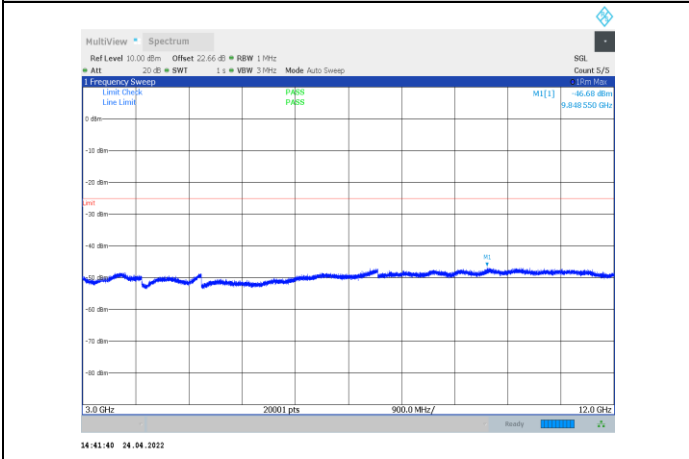
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-0.15-30-Ant1--65.38--45-PASS



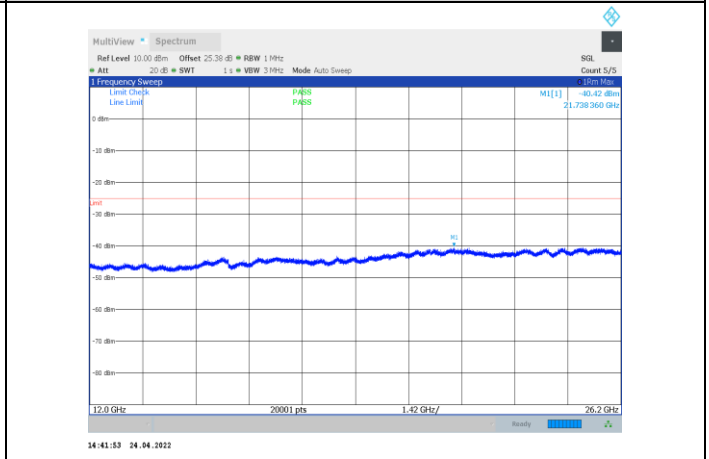
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-30-1000-Ant1--58.45--35-PASS



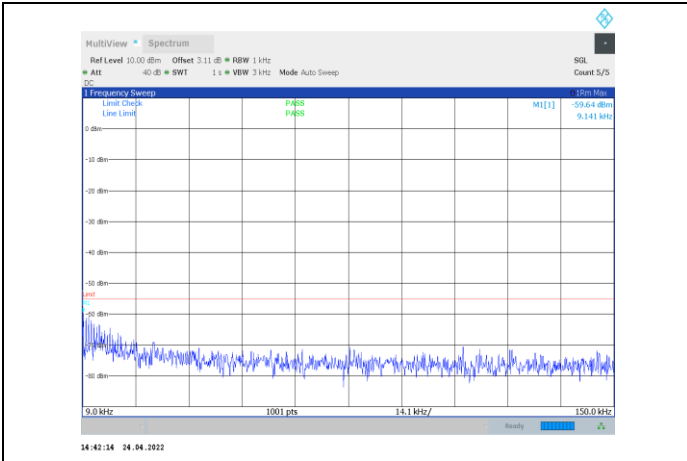
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-1000-3000-Ant1--46.80--25-PASS



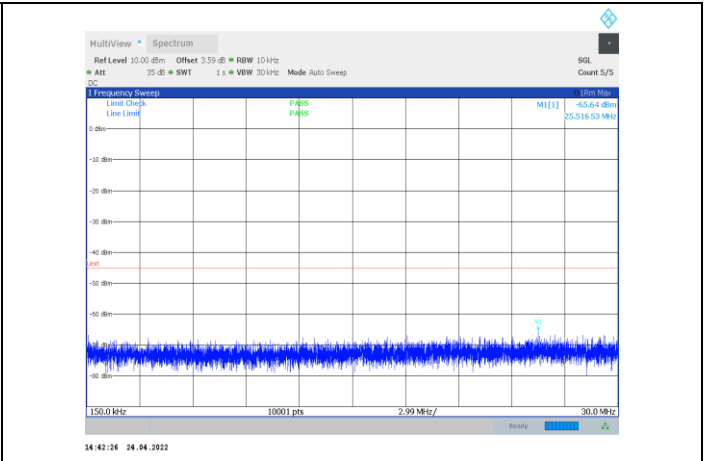
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-3000-12000-Ant1--46.68--25-PASS



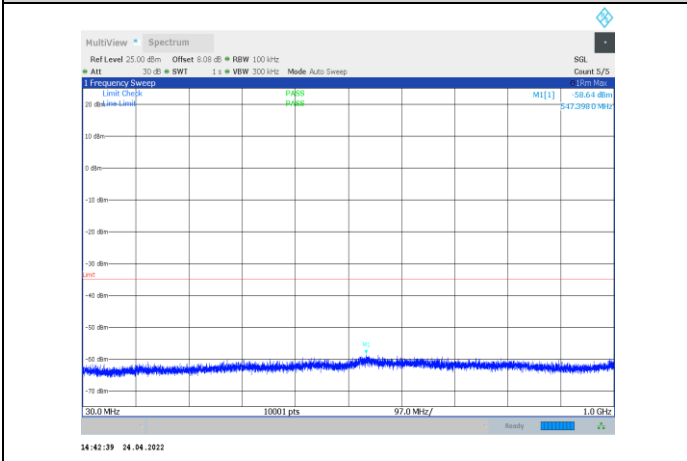
1-N38-PC3-30-20-H-2-CP-QPSK-Edge\_1RB\_Right-1@  
50-12000-26200-Ant1--40.42--25-PASS



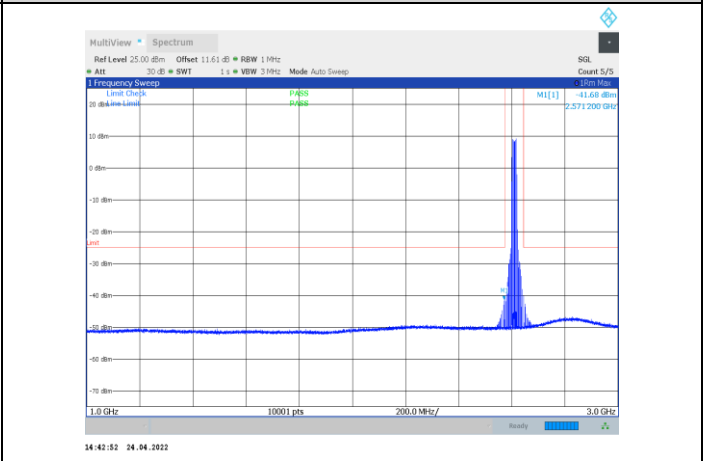
1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-0.0  
09-0.15-Ant1--59.64--55-PASS



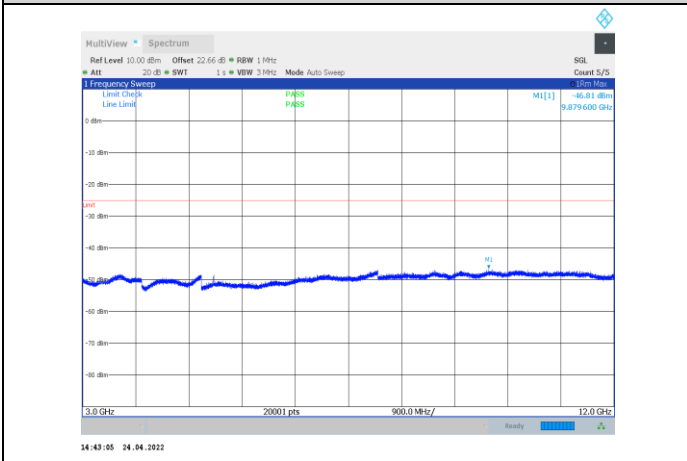
1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-0.15  
-30-Ant1--65.64--45-PASS



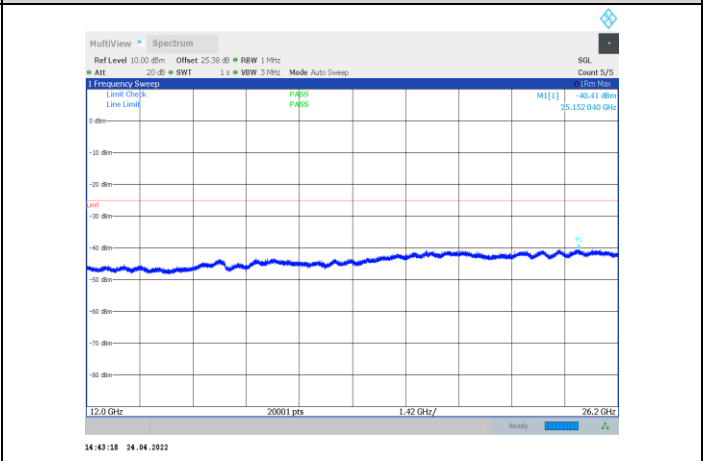
1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-30-  
1000-Ant1--58.64--35-PASS



1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-100  
0-3000-Ant1--41.68--25-PASS



1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-300  
0-12000-Ant1--46.81--25-PASS



1-N38-PC3-30-20-H-3-CP-QPSK-Outer\_Full-51@0-120  
00-26200-Ant1--40.41--25-PASS

## 7 Appendix G: Frequency Stability

### 7.1 Test Result for SA

#### Frequency Error VS. Voltage

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
N38	30	20	Middle	2595.0	DFT-s-OFDM QPSK	Outer_Full	NT	LV	-17.56	-0.011	PASS
								NV	-4.60	-0.027	PASS
								HV	-9.62	-0.024	PASS

#### Frequency Error VS. Temperature

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
N38	30	20	Middle	2595.0	DFT-s-OFDM QPSK	Outer_Full	-30	NV	-2.23	-0.040	PASS
							-20		-8.48	-0.045	PASS
							-10		-12.95	0.006	PASS
							0		-17.30	0.035	PASS
							10		-11.03	-0.002	PASS
							20		2.97	-0.017	PASS
							30		-11.57	-0.028	PASS
							40		-13.19	-0.006	PASS
							50		-8.91	0.027	PASS

End of Test Report