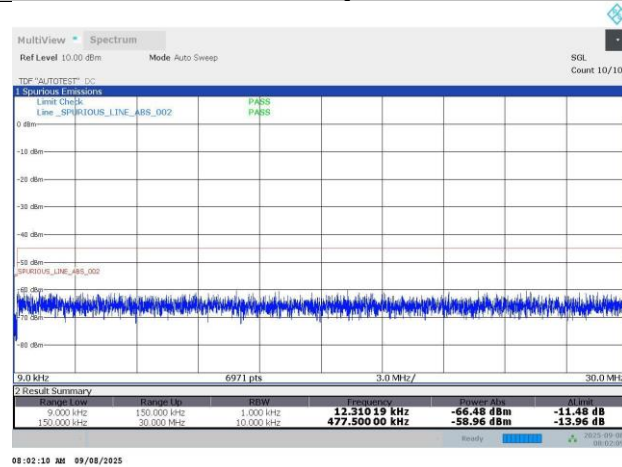




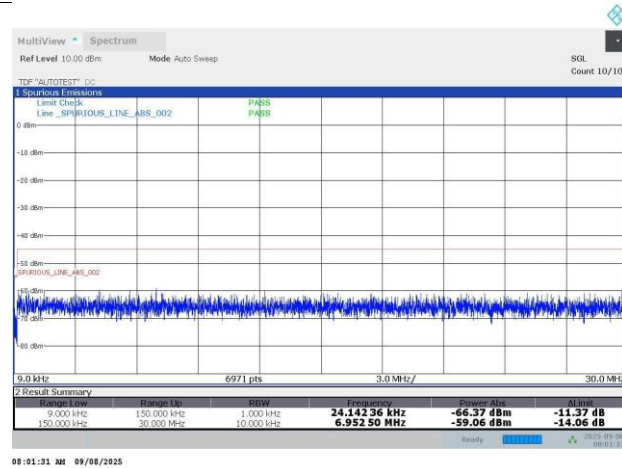
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N38-30KHz-40MHz-DFT-s-OFDM PI/2 BPSK-518000-1RB#105-PASS



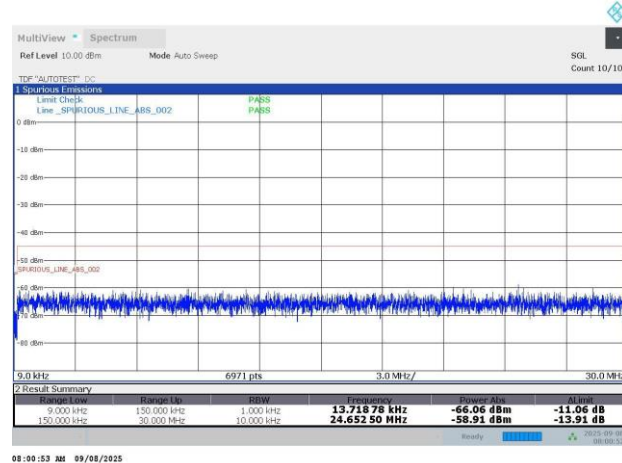
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N38-30KHz-40MHz-DFT-s-OFDM QPSK-518000-1RB#105-PASS



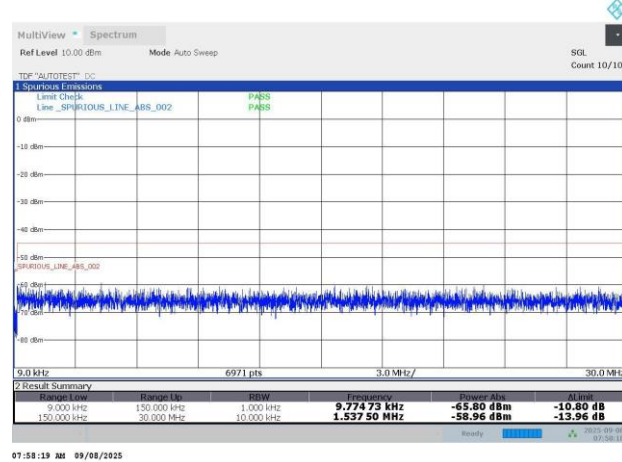
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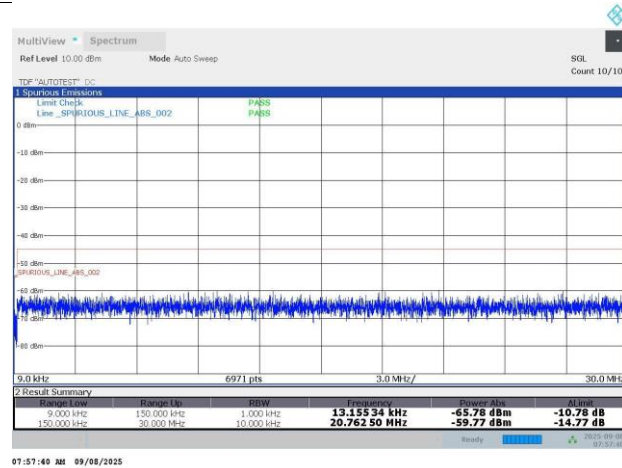
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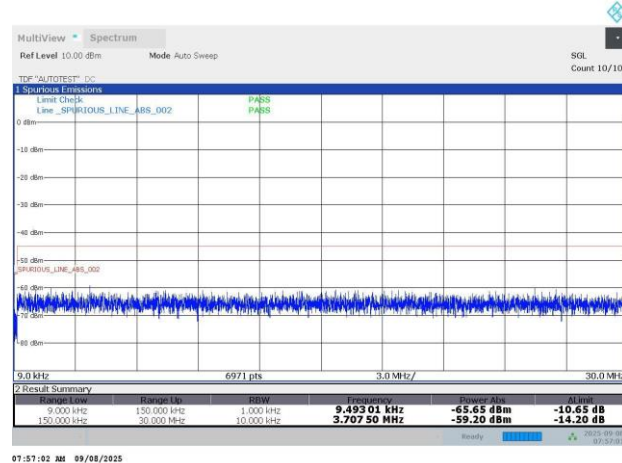
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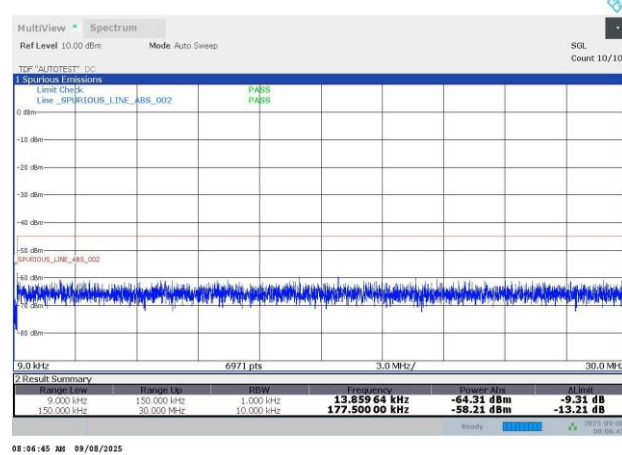
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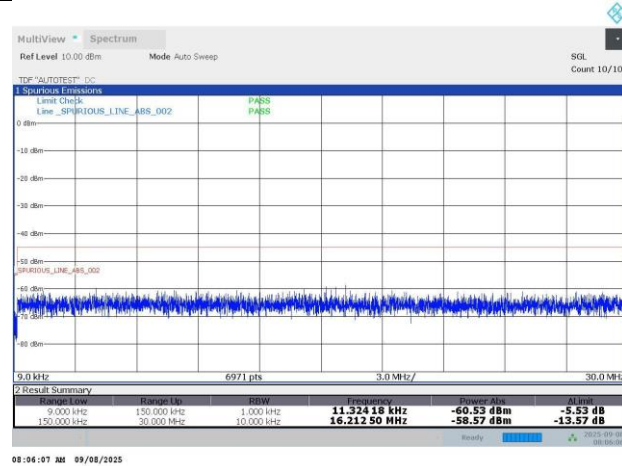
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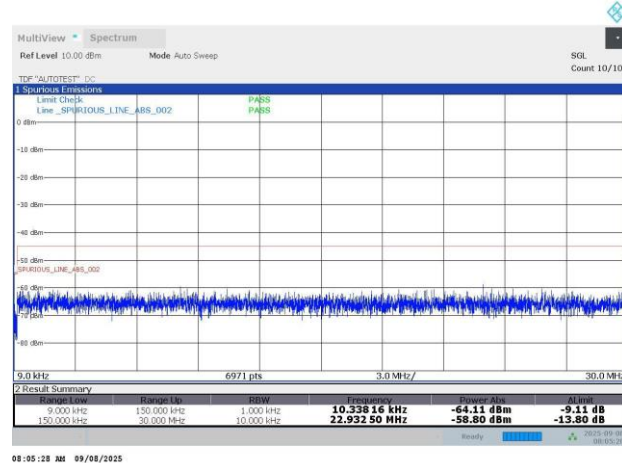
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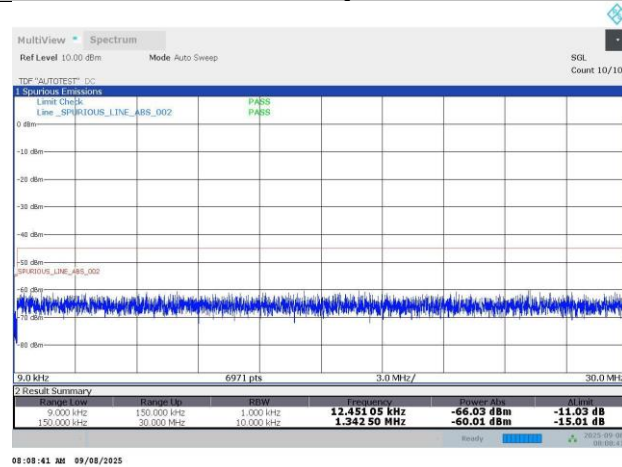
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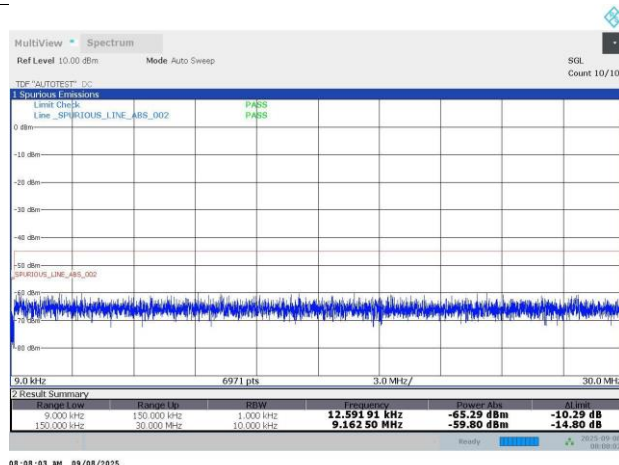
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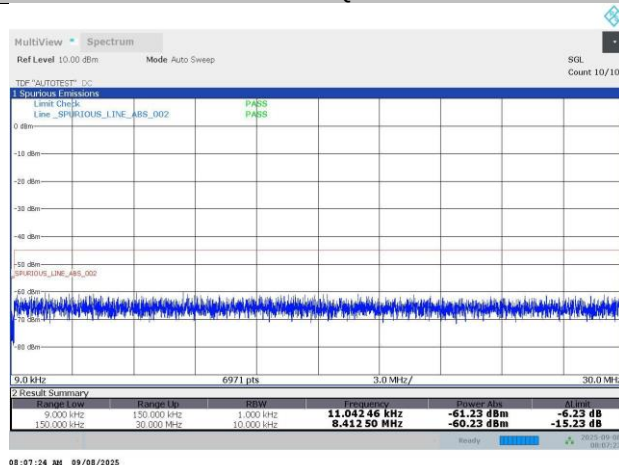
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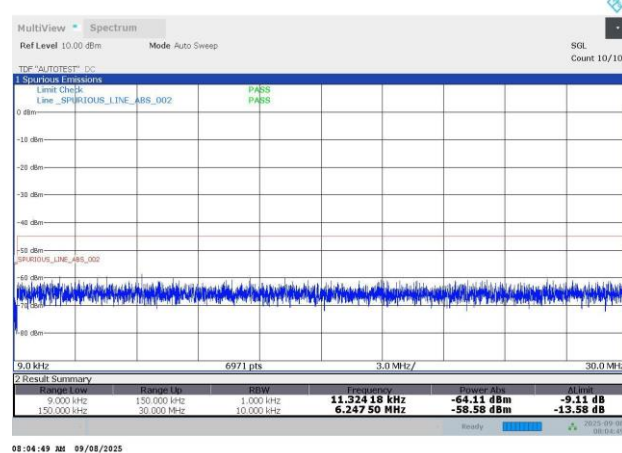
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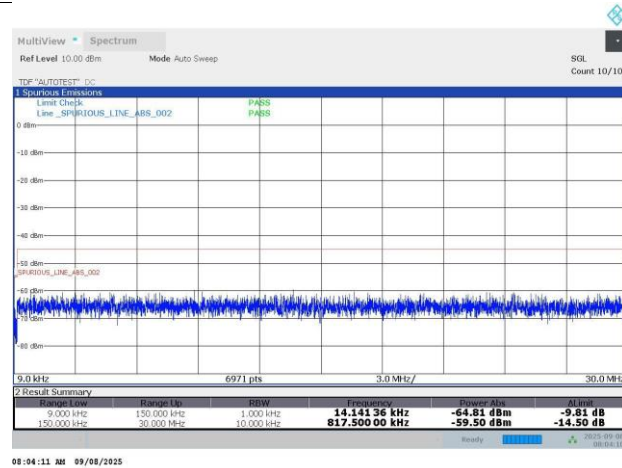
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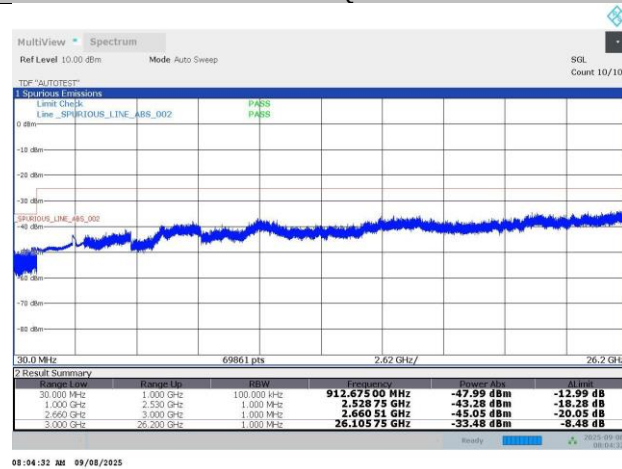
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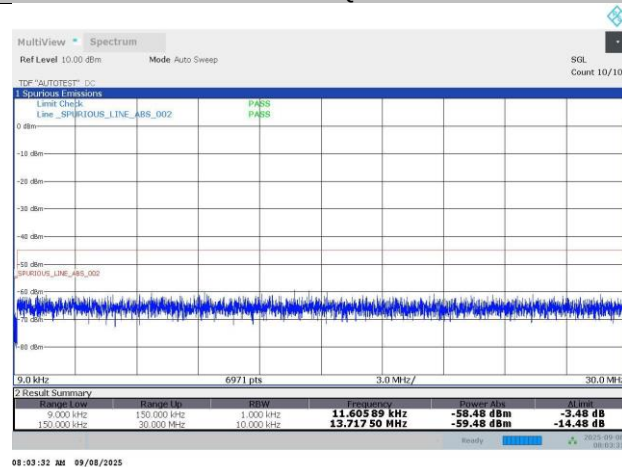
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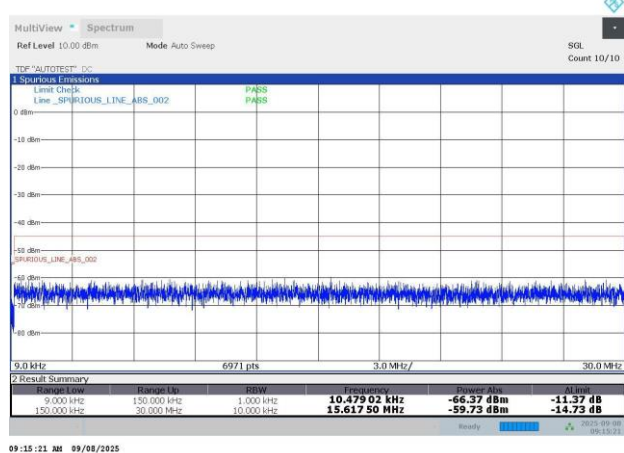
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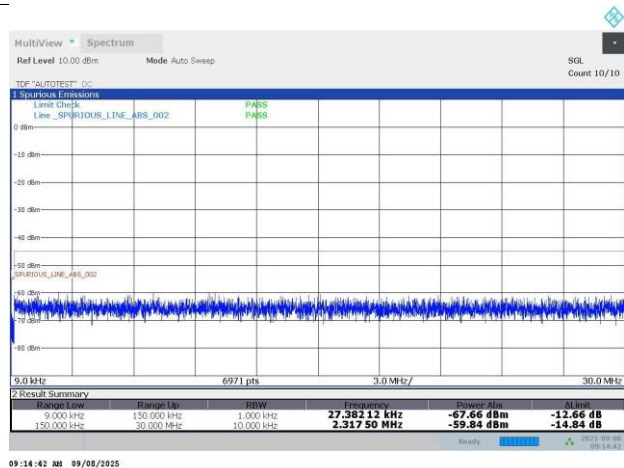
N38-30KHz-40MHz-CP-OFDM QPSK-519000-106RB#0-PASS



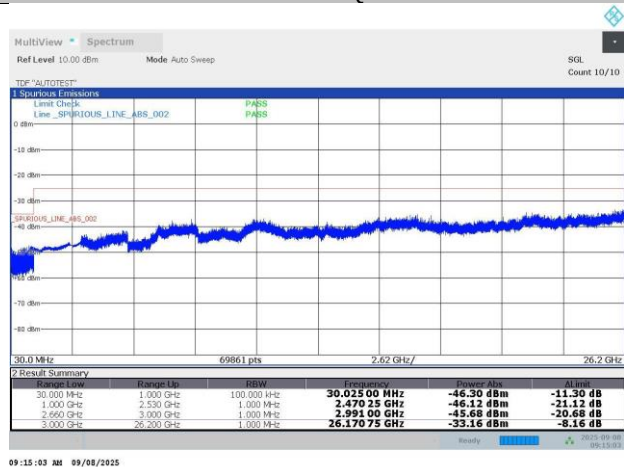
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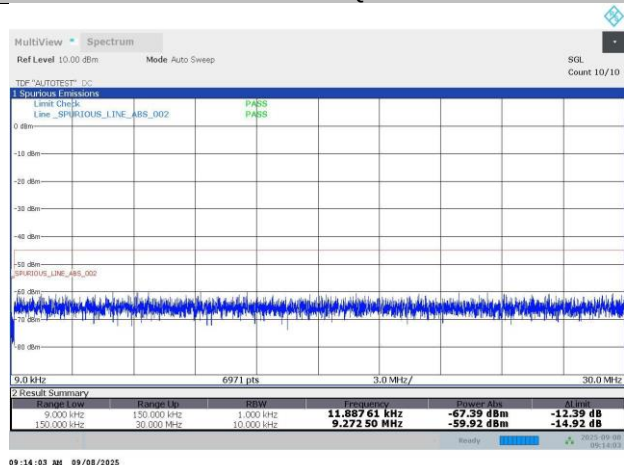
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N38-30KHz-40MHz-DFT-s-OFDM QPSK-520000-1RB#0-PASS



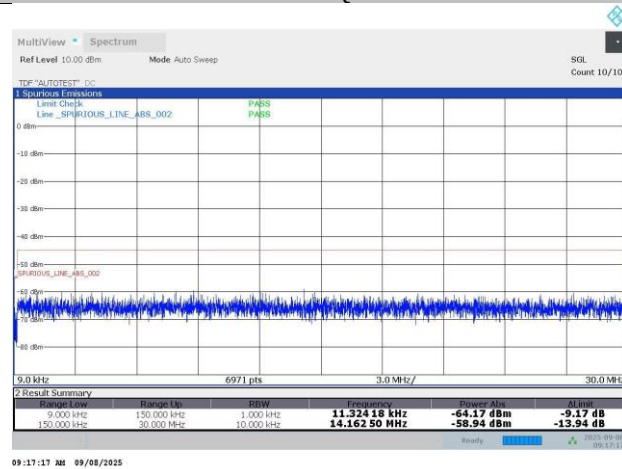
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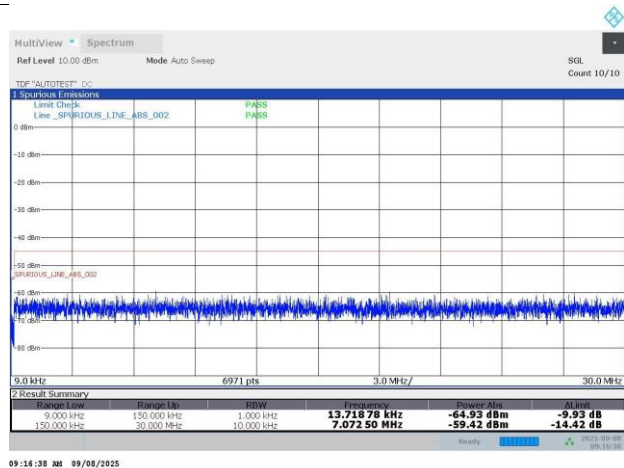
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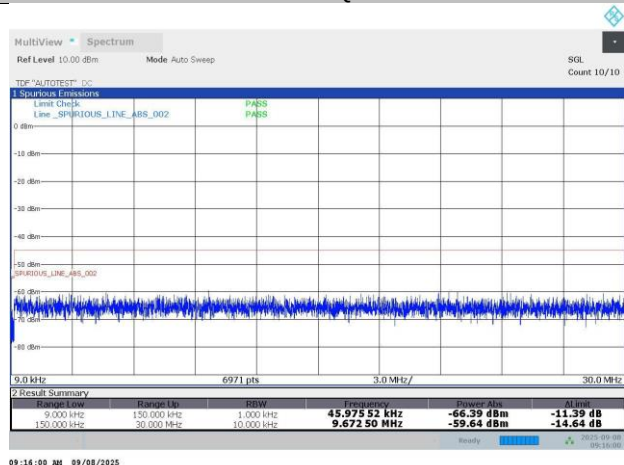
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N38-30KHz-40MHz-DFT-s-OFDM QPSK-520000-1RB#105-PASS



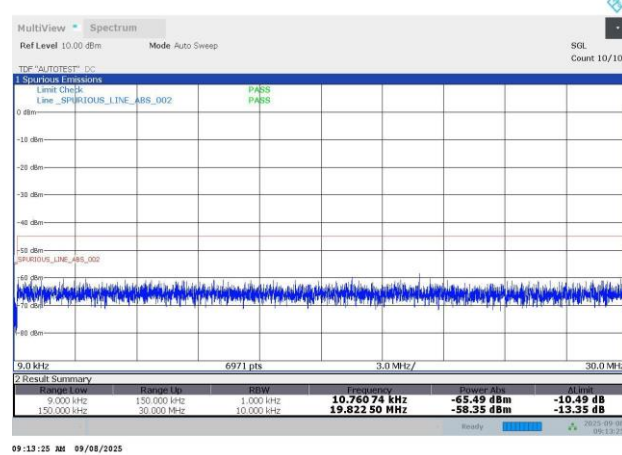
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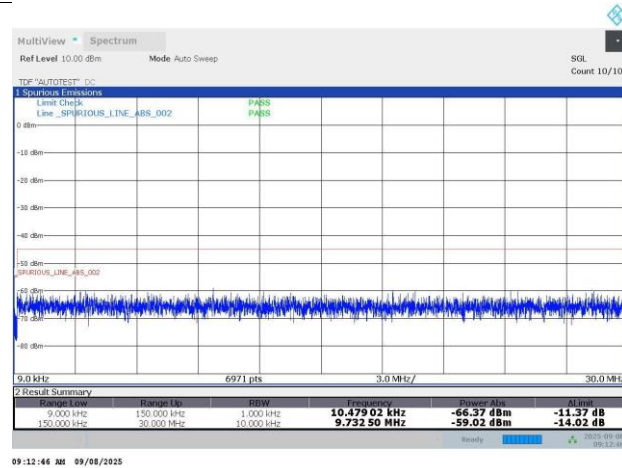
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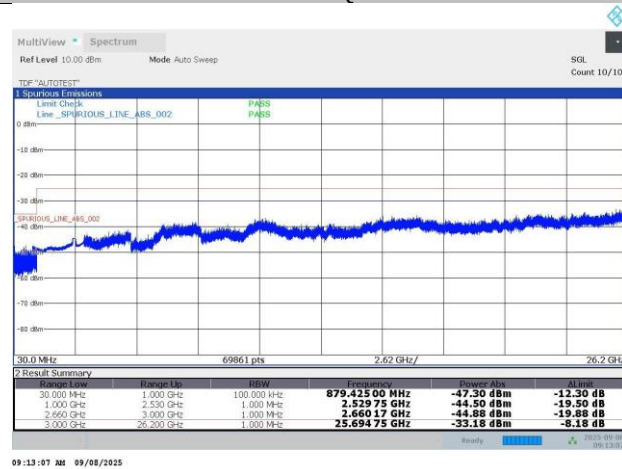
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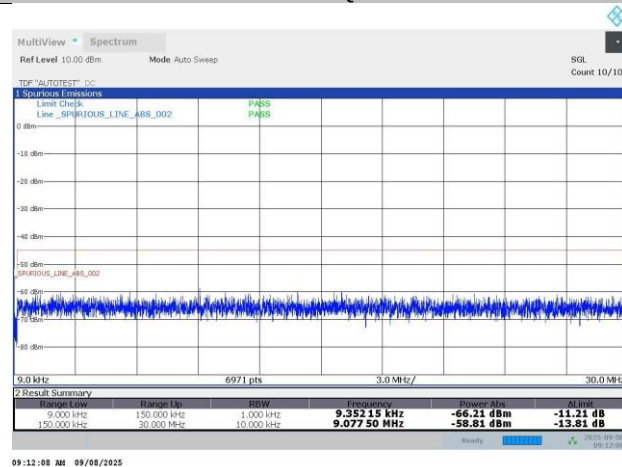
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N38-30KHz-40MHz-DFT-s-OFDM QPSK-520000-100RB#0-PASS



N38-30KHz-40MHz-DFT-s-OFDM QPSK-520000-100RB#0-PASS



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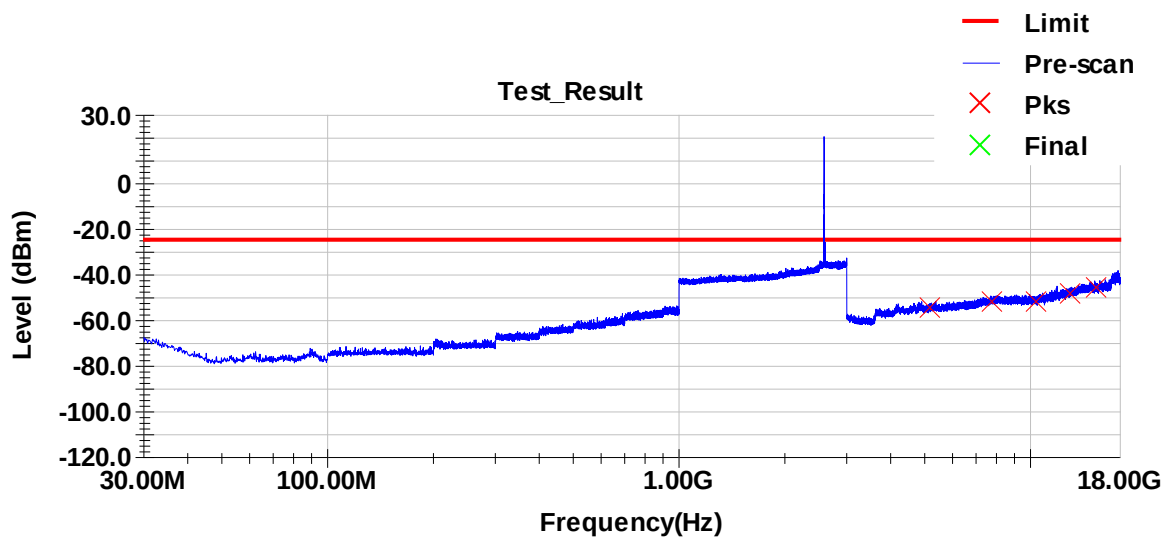
6 Appendix F: Radiated spurious emissions

Remark:

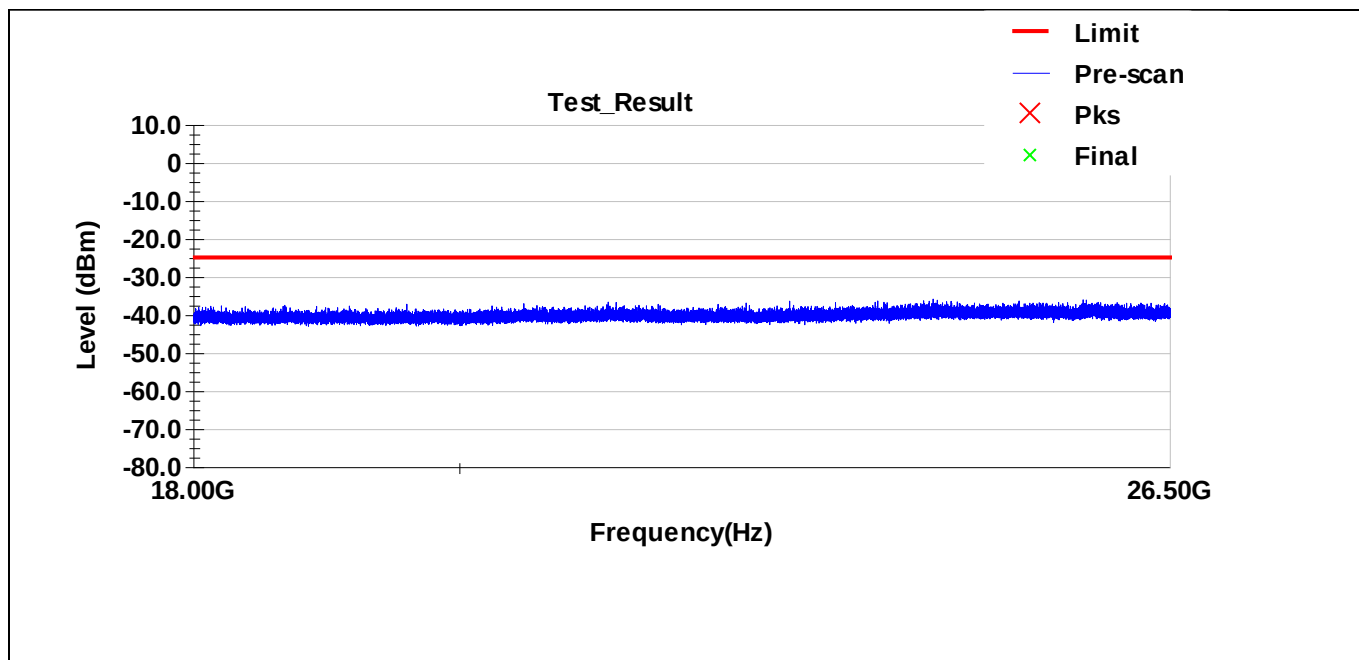
- The pre-tests cover all operation mode of EUT and the test reports show only the worst.
- If the margin is greater than 10dB, it is considered to meet the standard and no further test is conducted.
- The part of the graph that exceeds the limit is RF fundamental frequency and it should be excluded against the limits.

6.1 Test Result

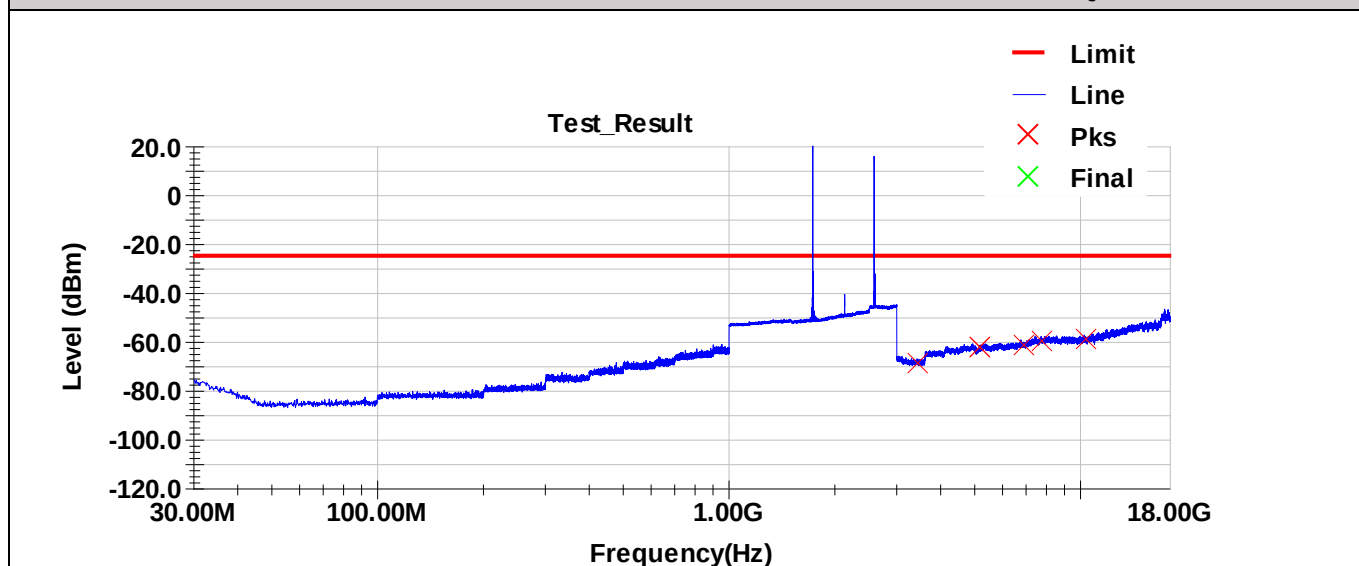
The worst mode: SA N38_LINK/ANT 31-BW20M-Mid-CP-OFDM



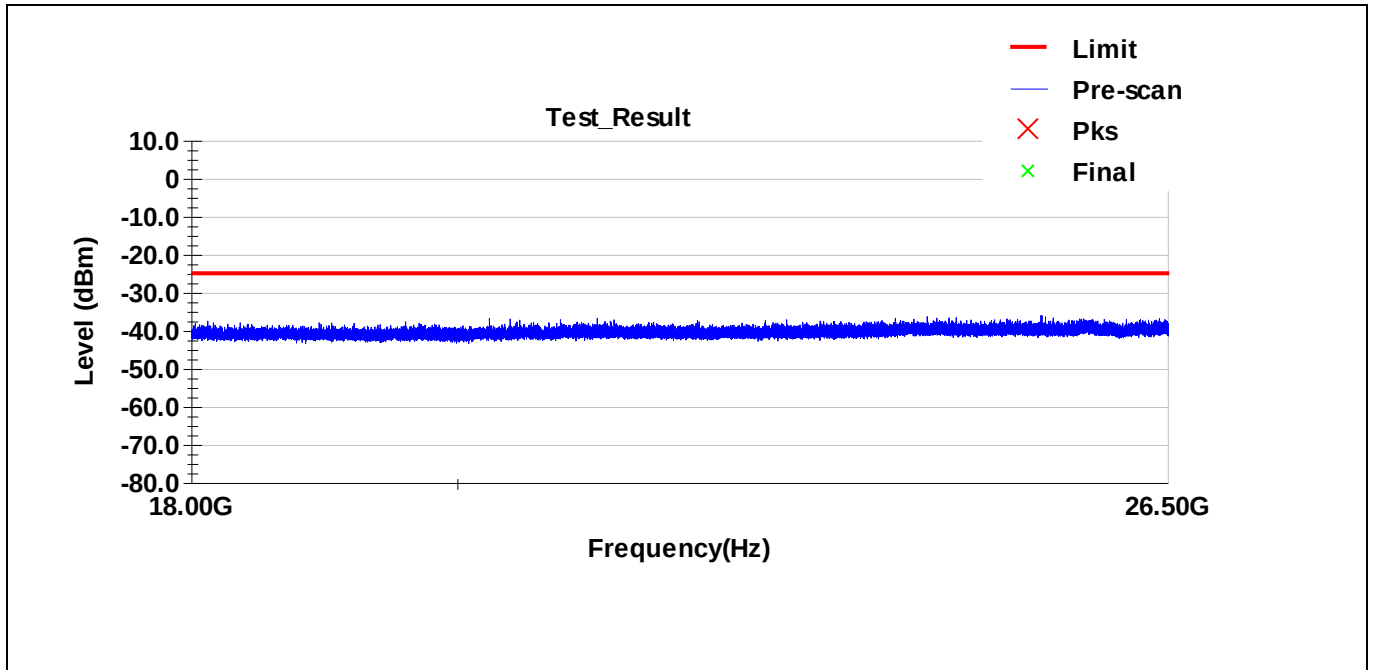
Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
5190.000	46.19	-6.01	-95.200	-55.03	-25.00	30.03	V
7785.000	44.82	-2.05	-95.200	-52.43	-25.00	27.43	V
10380.000	43.93	-0.42	-95.200	-51.76	-25.00	26.76	V
12975.000	43.88	2.50	-95.200	-48.92	-25.00	23.92	V
15570.000	43.27	6.73	-95.200	-45.51	-25.00	20.51	V



The worst mode: NSA_DC_4A_N38A_LINK/ANT 31+ANT11+BW_5M+20M-Mid-QPSK+CP-OFDM



Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
3465.000	39.80	-13.10	-95.200	-68.86	-25.00	43.86	V
5190.000	38.47	-5.86	-95.200	-61.99	-25.00	36.99	V
5197.500	37.88	-5.80	-95.200	-62.55	-25.00	37.55	V
6930.000	38.10	-4.03	-95.200	-61.61	-25.00	36.61	V
7785.000	37.76	-2.17	-95.200	-59.68	-25.00	34.68	V
10380.000	36.74	-0.46	-95.200	-59.47	-25.00	34.47	V



7 Appendix G: Frequency Stability

7.1 Test Result

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configuration	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	NT	-10.62	-0.00322	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	LV	NT	-7.88	-0.00239	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	HV	NT	-6.3	-0.00191	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	100RB#0	NV	NT	-4.08	-0.00124	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	100RB#0	LV	NT	-13.19	-0.004	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	100RB#0	HV	NT	-11.33	-0.00343	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	100RB#0	NV	NT	-2.71	-0.00082	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	100RB#0	LV	NT	1.23	0.00037	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	100RB#0	HV	NT	-5.93	-0.0018	PASS

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configuration	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	-30	-2.01	-0.00061	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	-20	-7.83	-0.00237	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	-10	-8.06	-0.00244	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	0	-0.24	-0.00007	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	10	-8.1	-0.00245	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	20	-13.16	-0.00399	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	30	-11.36	-0.00344	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	40	-11.2	-0.00339	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	NV	50	-16.36	-0.00496	PASS

N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	-30	-2.93	-0.00089	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	-20	-7.47	-0.00226	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	-10	-12.28	-0.00372	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	0	-18.73	-0.00567	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	10	-10.09	-0.00306	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	20	-8.08	-0.00245	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	30	-10.82	-0.00328	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	40	-3.49	-0.00106	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	519000	100RB#0	NV	50	2.86	0.00087	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	-30	1.44	0.00044	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	-20	-16.05	-0.00486	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	-10	-8.56	0.00259	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	0	-8.14	-0.00246	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	10	4.84	0.00147	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	20	8.56	0.00259	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	30	-6.05	-0.00183	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	40	-1.75	-0.00053	PASS
N38	30K Hz	40MHz	DFT-s- OFDM QPSK	520000	100RB#0	NV	50	-0.3	-0.00009	PASS

END