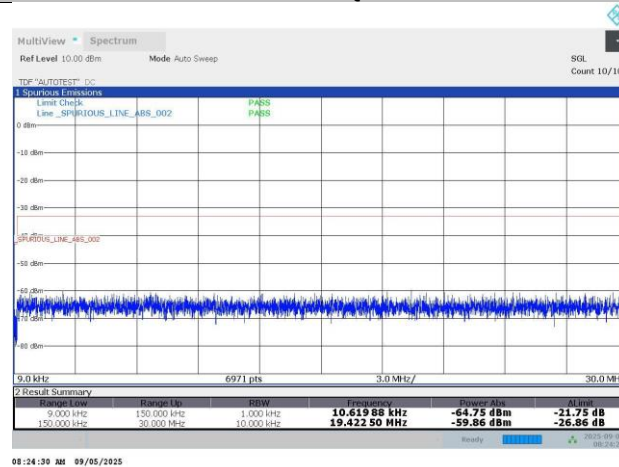


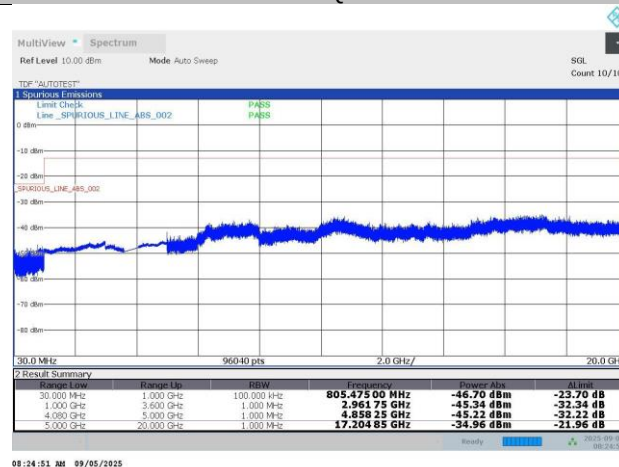
N77-30KHz-100MHz-DFT-s-OFDM QPSK-656000-270RB#0-PASS



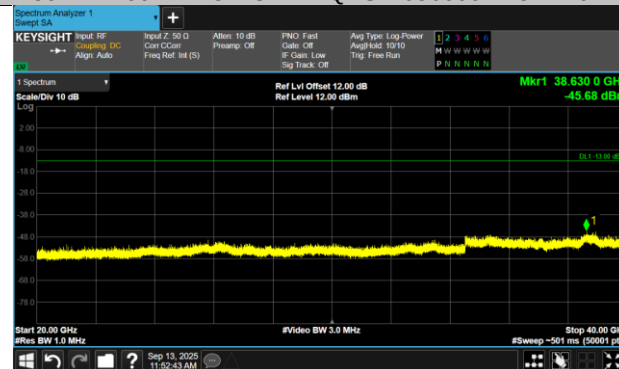
N77-30KHz-100MHz-DFT-s-OFDM QPSK-656000-270RB#0-PASS



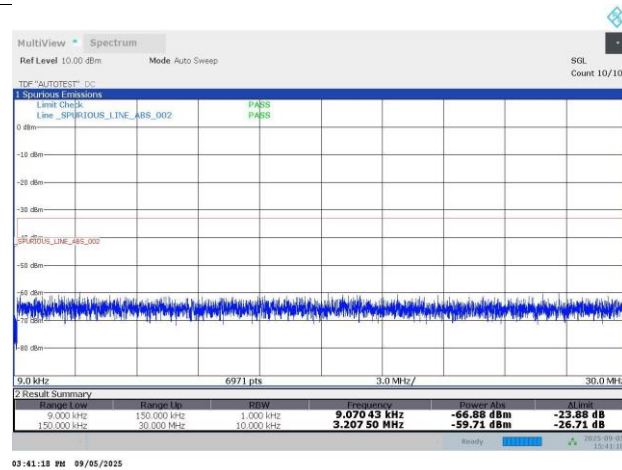
N77-30KHz-100MHz-CP-OFDM QPSK-656000-273RB#0-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-656000-273RB#0-PASS



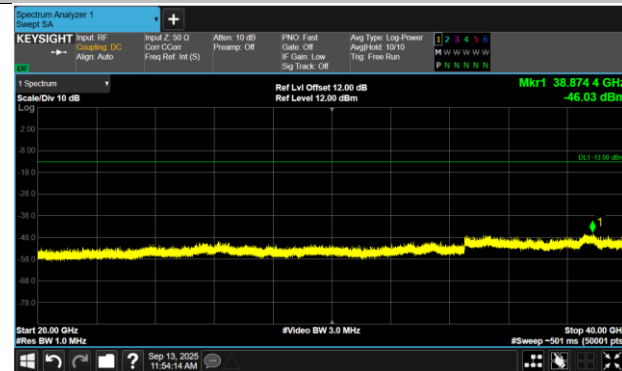
N77-30KHz-100MHz-CP-OFDM QPSK-656000-273RB#0-PASS



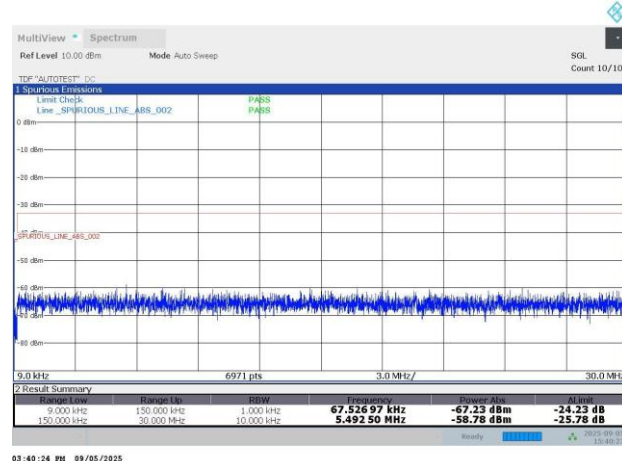
N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-1RB#0-PASS



N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-1RB#0-PASS



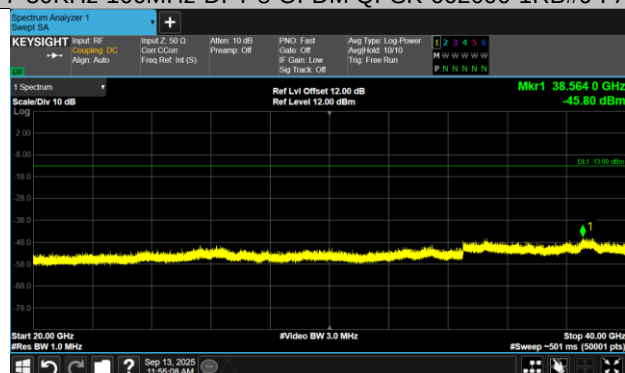
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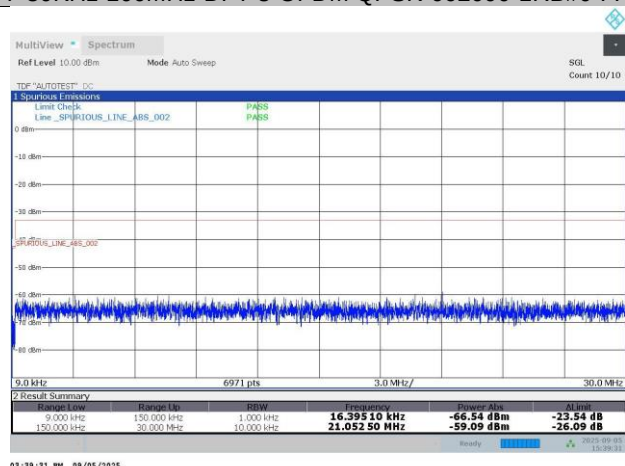
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N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-1RB#0-PASS



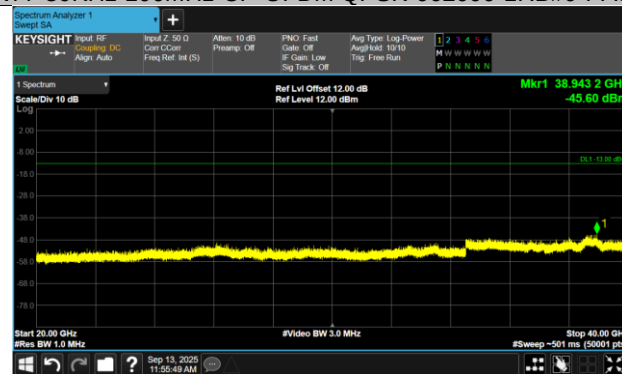
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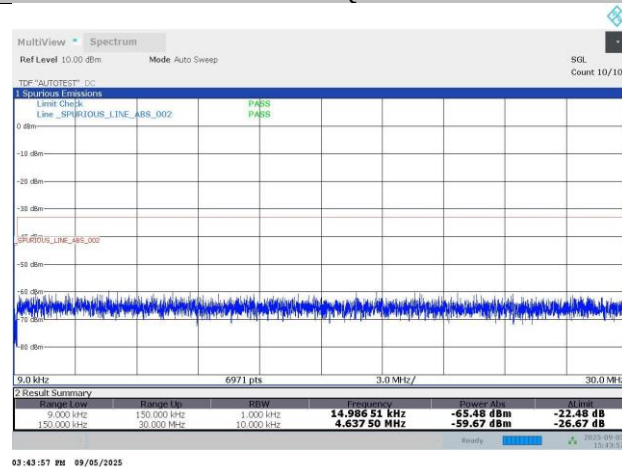
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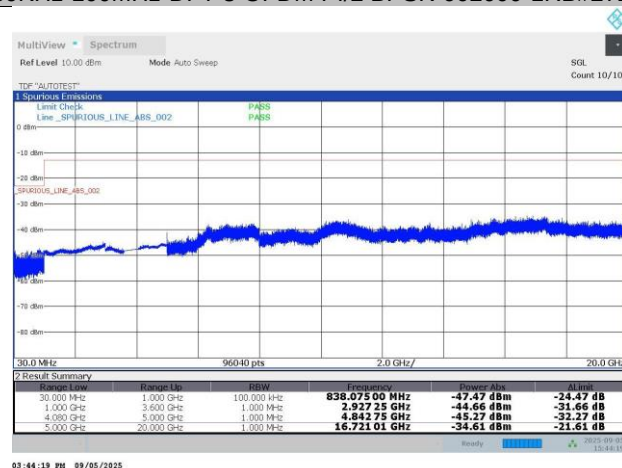
N77-30KHz-100MHz-CP-OFDM QPSK-662000-1RB#0-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-662000-1RB#0-PASS



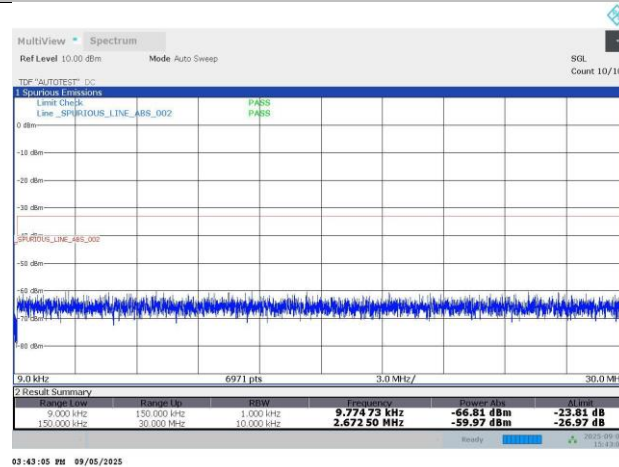
N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-1RB#272-PASS



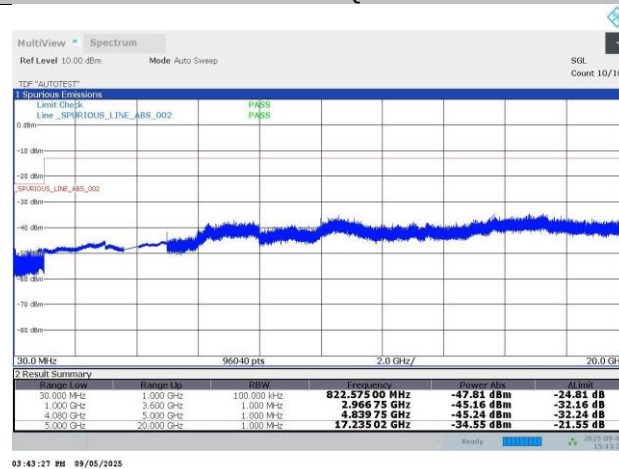
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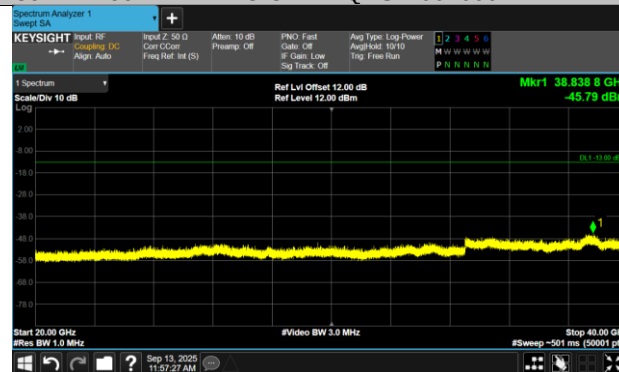
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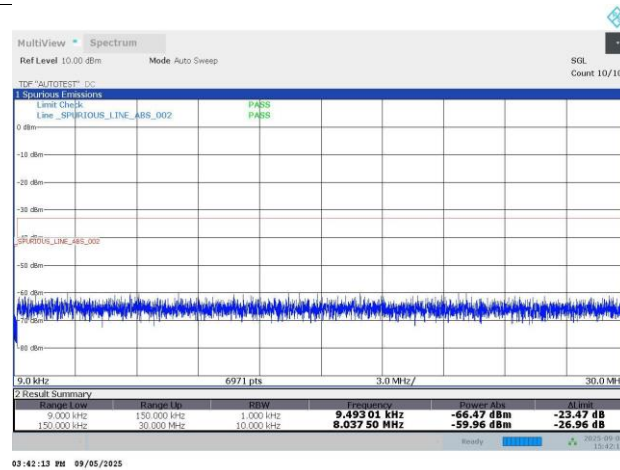
N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-1RB#272-PASS



N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-1RB#272-PASS



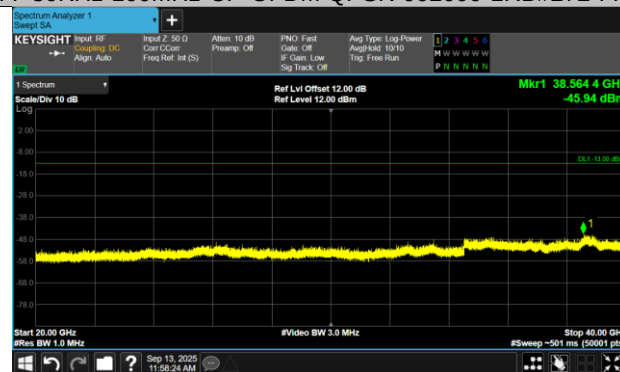
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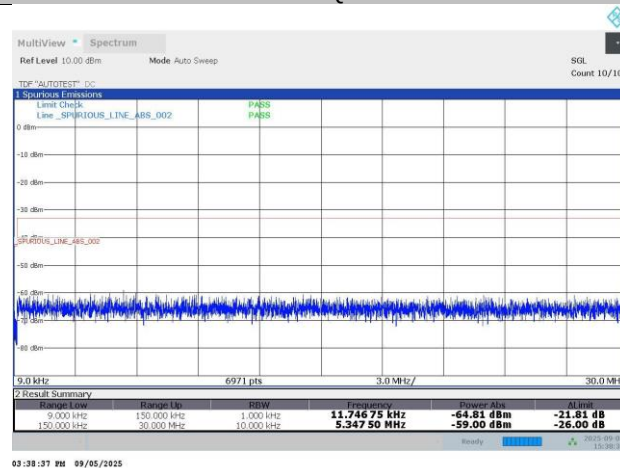
N77-30KHz-100MHz-CP-OFDM QPSK-662000-1RB#272-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-662000-1RB#272-PASS



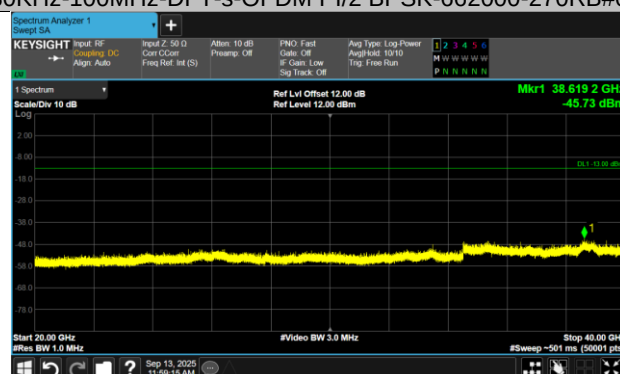
N77-30KHz-100MHz-CP-OFDM QPSK-662000-1RB#272-PASS



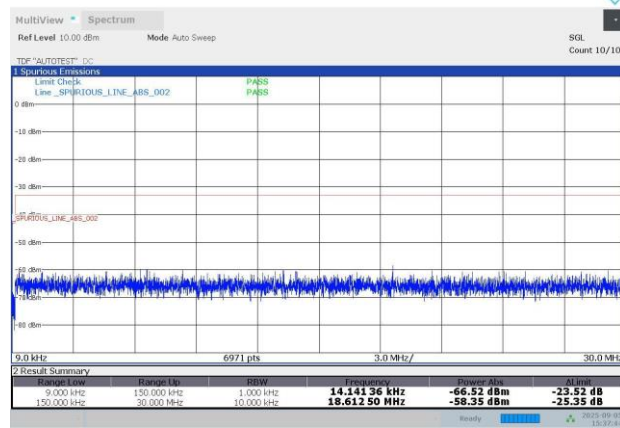
N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-270RB#0-PASS



N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-270RB#0-PASS



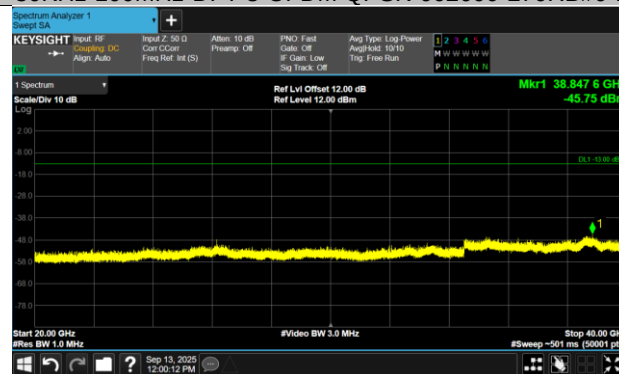
N77-30KHz-100MHz-DFT-s-OFDM PI/2 BPSK-662000-270RB#0-PASS



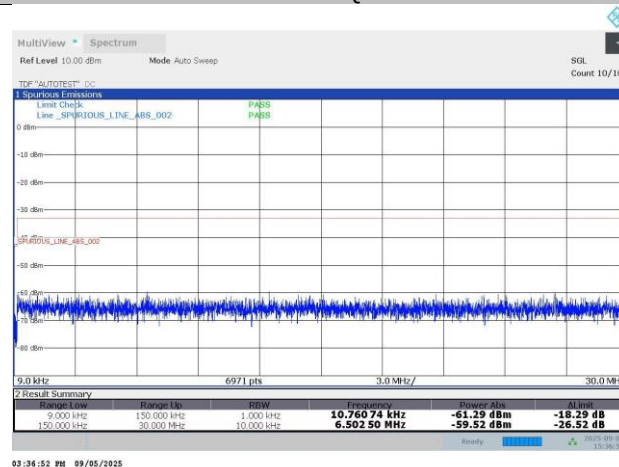
N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-270RB#0-PASS



N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-270RB#0-PASS



N77-30KHz-100MHz-DFT-s-OFDM QPSK-662000-270RB#0-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-662000-273RB#0-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-662000-273RB#0-PASS



N77-30KHz-100MHz-CP-OFDM QPSK-662000-273RB#0-PASS

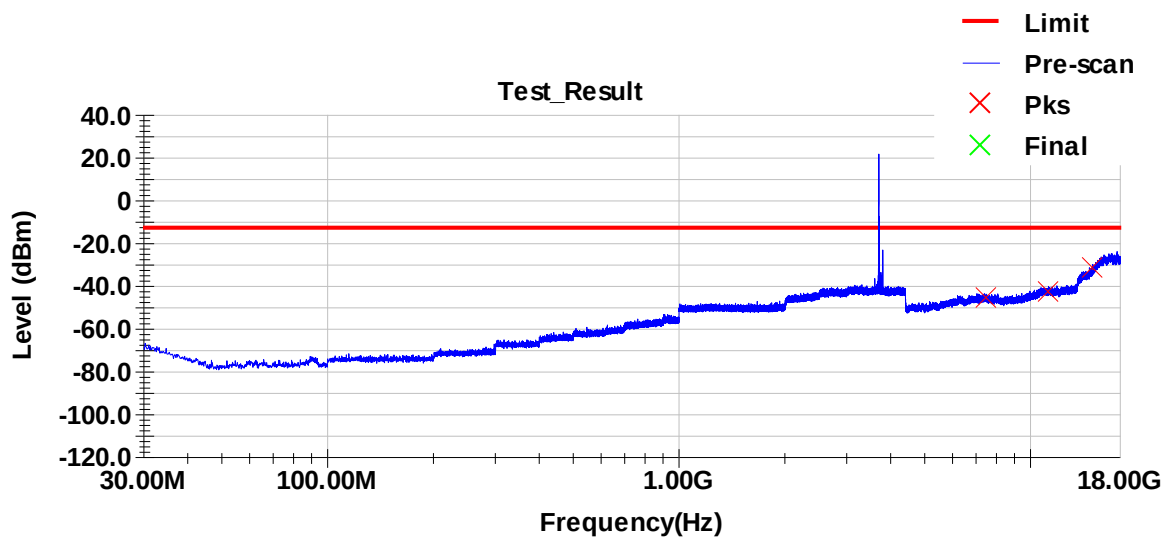
6 Appendix F: Radiated spurious emissions

Remark:

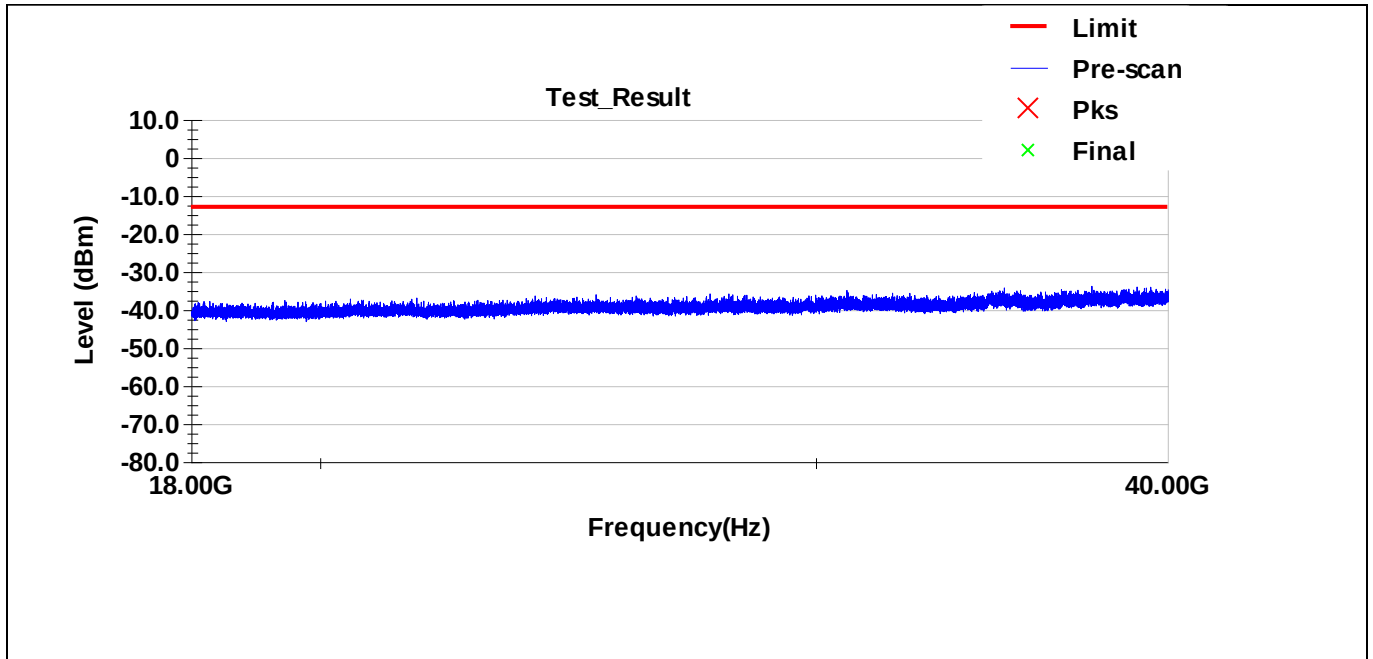
- The pre-tests cover all operation mode of EUT and the test reports show only the worst.
- If the margin is greater than 10dB, it is considered to meet the standard and no further test is conducted.
- The part of the graph that exceeds the limit is RF fundamental frequency and it should be excluded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

6.1 Test Result

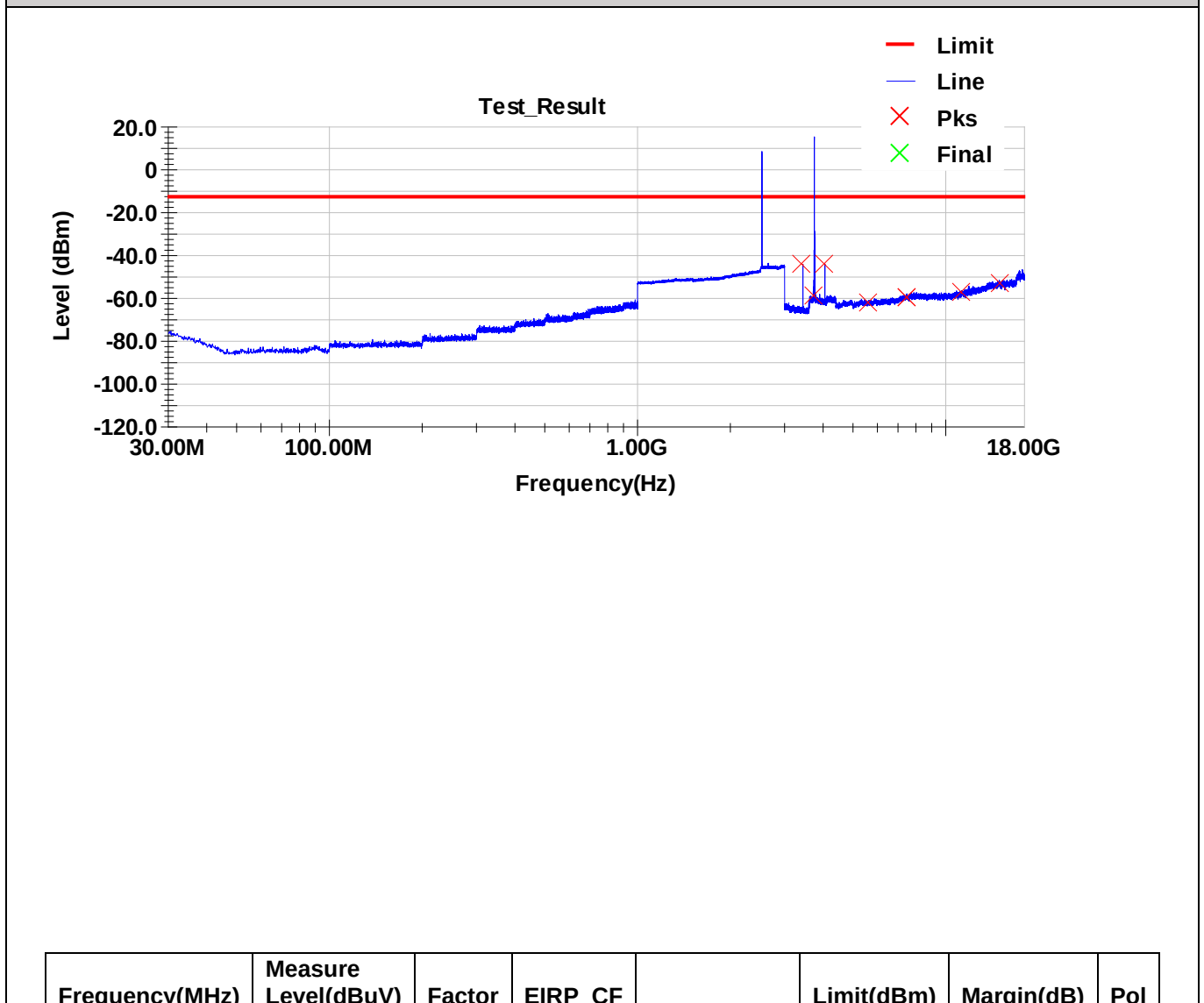
The worst mode: SA N77_LINK/ANT 21-BW100M-Mid-CP-OFDM



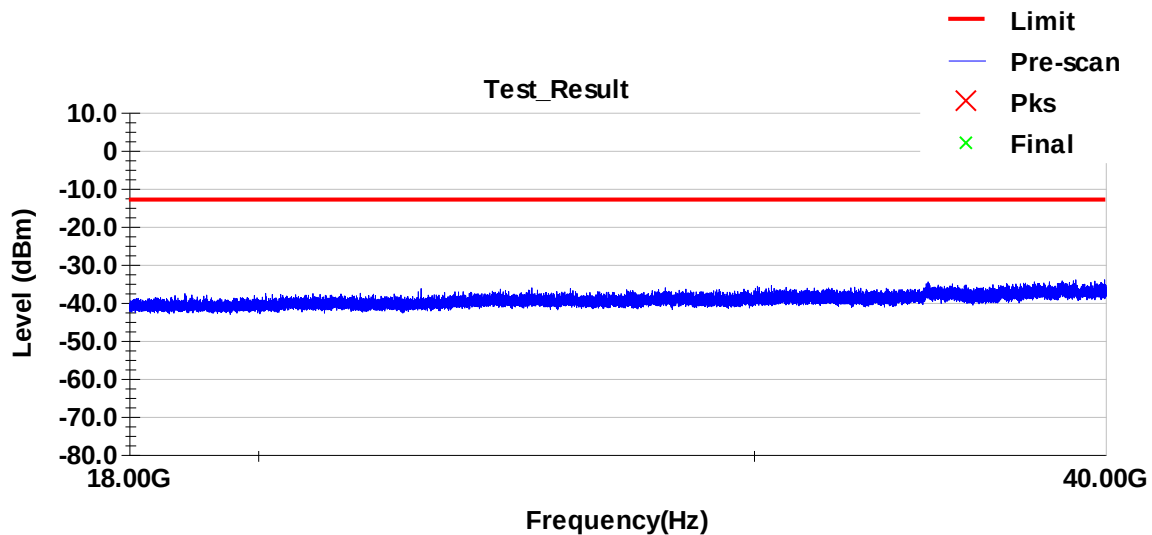
Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
7500.000	51.64	-2.22	-95.200	-45.78	-13.00	32.78	V
11250.000	49.62	2.80	-95.200	-43.05	-13.00	30.05	V
15000.000	55.76	8.08	-95.200	-32.04	-13.00	19.04	V



The worst mode: NSA_DC_7A_N77A_LINK/ANT 31+ANT11+BW_5M+100M-Mid-QPSK+CP-OFDM



				EIRP Result(dBm)			
3438.993	46.66	-12.91	-95.200	-44.08	-13.00	31.08	V
3760.000	46.44	-9.54	-95.200	-58.89	-13.00	45.89	V
4053.220	47.82	-9.02	-95.200	-44.00	-13.00	31.00	V
5640.000	38.16	-5.71	-95.200	-62.66	-13.00	49.66	V
7500.000	38.41	-2.95	-95.200	-59.97	-13.00	46.97	V
7520.000	38.03	-2.87	-95.200	-59.80	-13.00	46.80	V
11250.000	36.01	1.00	-95.200	-57.70	-13.00	44.70	V
15000.000	35.14	6.19	-95.200	-53.20	-13.00	40.20	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
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	NT	-0.47	-0.00014	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	LV	NT	-5.98	-0.00181	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	HV	NT	0.9	0.00027	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	270RB#0	NV	NT	-8.25	-0.0025	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	270RB#0	LV	NT	-15.03	-0.00455	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	270RB#0	HV	NT	3.86	0.00117	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	270RB#0	NV	NT	-8.44	-0.00256	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	270RB#0	LV	NT	-1.94	-0.00059	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	270RB#0	HV	NT	1.64	0.0005	PASS

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configuration	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	-30	-0.9	-0.00027	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	-20	-4.03	-0.00122	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	-10	-15.23	-0.00461	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	0	-0.91	-0.00028	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	10	-4.33	-0.00131	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	20	1.89	0.00057	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	30	-12.42	-0.00376	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	40	-19.71	-0.00597	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	NV	50	0.38	0.00012	PASS

N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	-30	-8.92	-0.0027	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	-20	-15.43	-0.00468	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	-10	-10.45	-0.00317	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	0	-6.44	-0.00195	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	10	-15.11	-0.00458	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	20	-9.91	-0.003	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	30	-17.48	-0.0053	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	40	-13.1	-0.00397	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	656000	270RB#0	NV	50	-5.12	-0.00155	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	-30	-5.09	-0.00154	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	-20	-6.9	-0.00209	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	-10	-7.44	-0.00225	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	0	-18.09	-0.00548	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	10	-10.7	-0.00324	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	20	-14.42	-0.00437	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	30	-22.98	-0.00696	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	40	-14.82	-0.00449	PASS
N77	30K Hz	100MHz	DFT-s- OFDM QPSK	662000	270RB#0	NV	50	-13.4	-0.00406	PASS

END