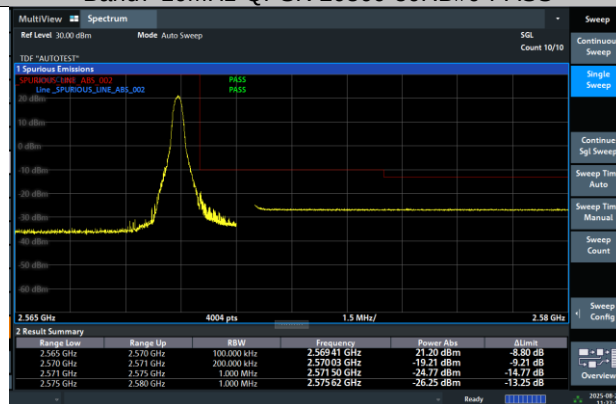




Band7-10MHz-QPSK-20800-25RB#0-PASS



Band7-10MHz-QPSK-20800-50RB#0-PASS



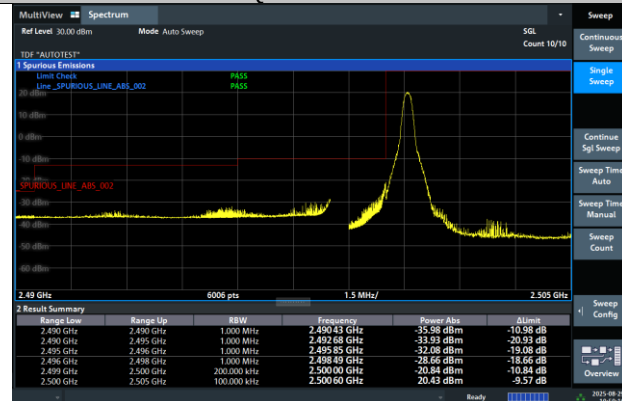
Band7-10MHz-QPSK-21400-1RB#49-PASS



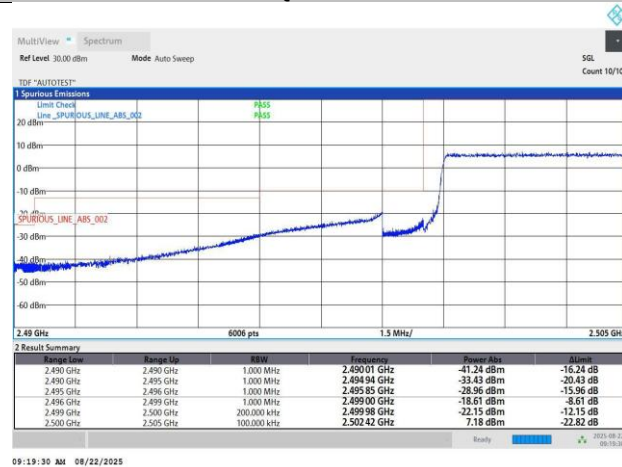
Band7-10MHz-QPSK-21400-25RB#25-PASS



Band7-10MHz-QPSK-21400-50RB#0-PASS



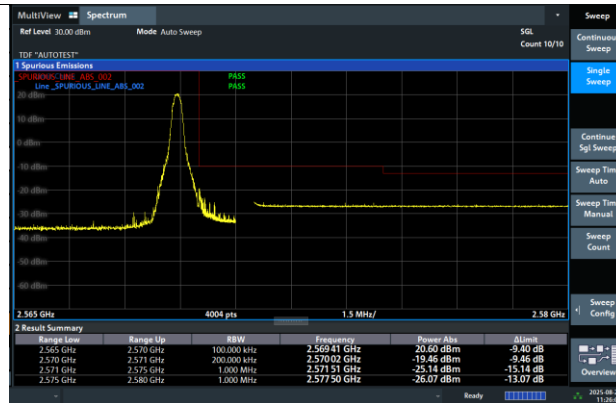
Band7-10MHz-16QAM-20800-1RB#0-PASS



Band7-10MHz-16QAM-20800-25RB#0-PASS



Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-16QAM-21400-1RB#49- PASS



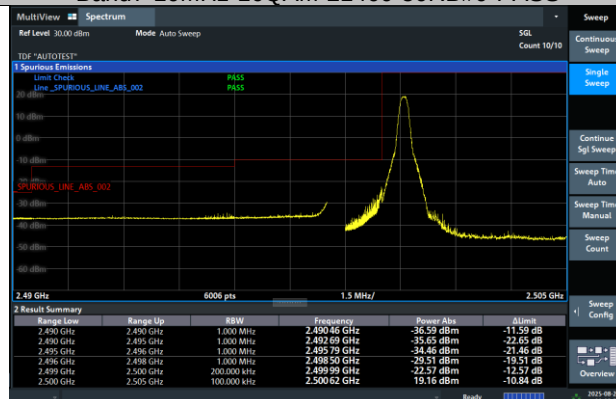
09:31:19 AM 08/22/2025

Band7-10MHz-16QAM-21400-25RB#25-PASS



09:31:33 AM 08/22/2025

Band7-10MHz-16QAM-21400-50RB#0-PASS

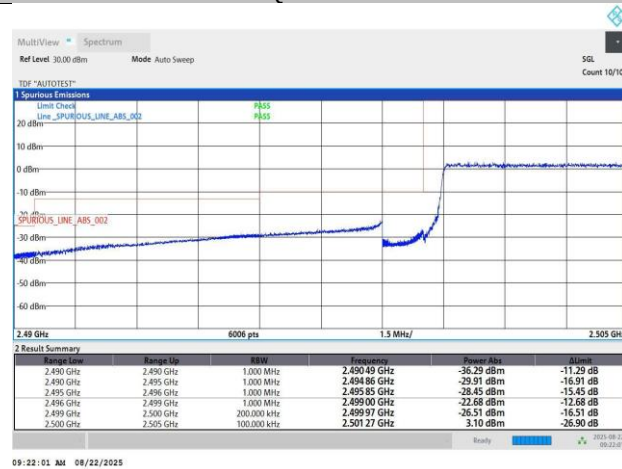


Band7-10MHz-64QAM-20800-1RB#0-PASS



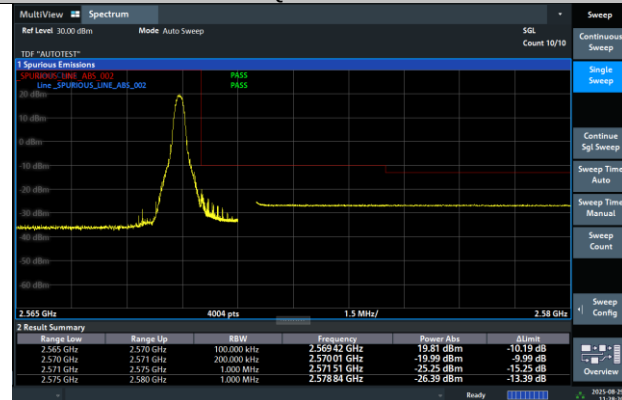
09:20:56 AM 08/22/2025

Band7-10MHz-64QAM-20800-25RB#0-PASS



09:22:01 AM 08/22/2025

Band7-10MHz-64QAM-20800-50RB#0-PASS



09:25:08 AM 08/22/2025

Band7-10MHz-64QAM-21400-1RB#49-PASS



09:32:23 AM 08/22/2025

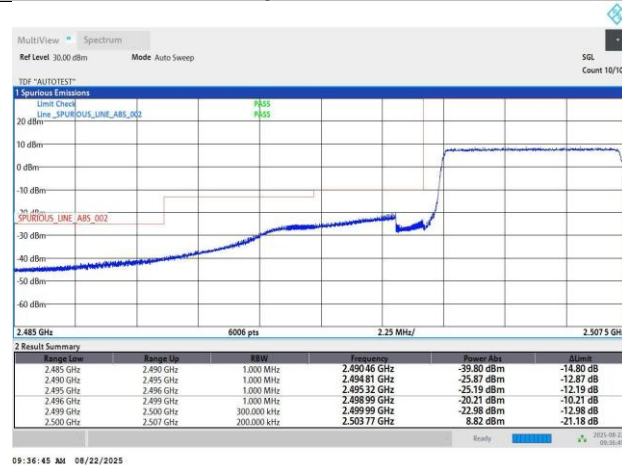
Band7-10MHz-64QAM-21400-25RB#25-PASS



Band7-10MHz-64QAM-21400-50RB#0-PASS



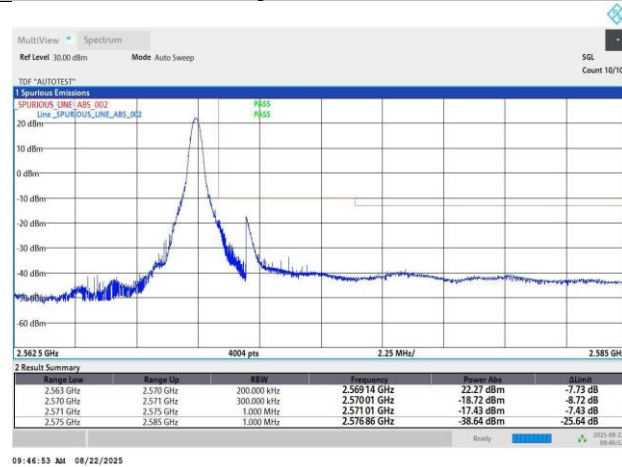
Band7-15MHz-QPSK-20825-1RB#0-PASS



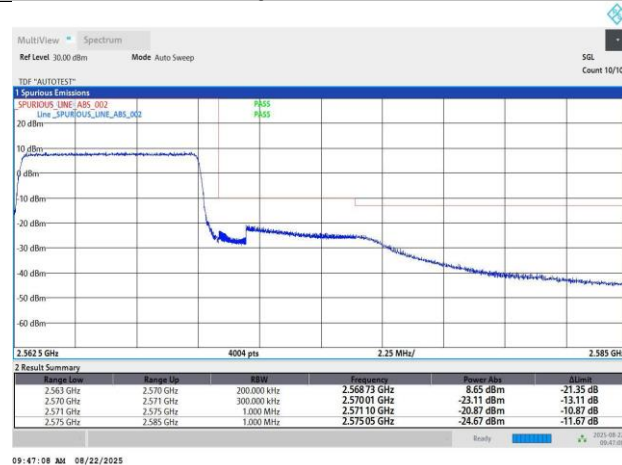
Band7-15MHz-QPSK-20825-36RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS



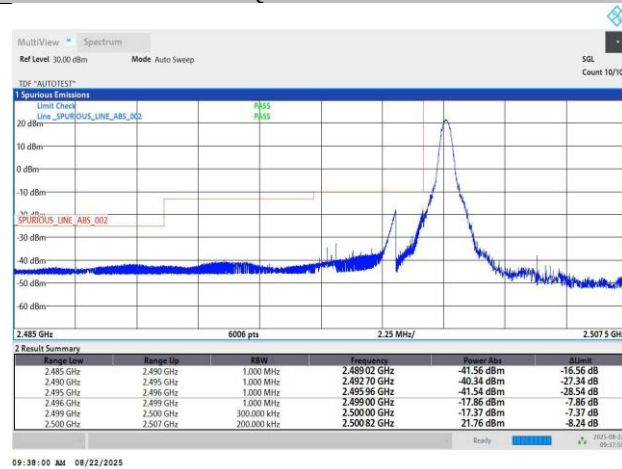
Band7-15MHz-QPSK-21375-1RB#74-PASS



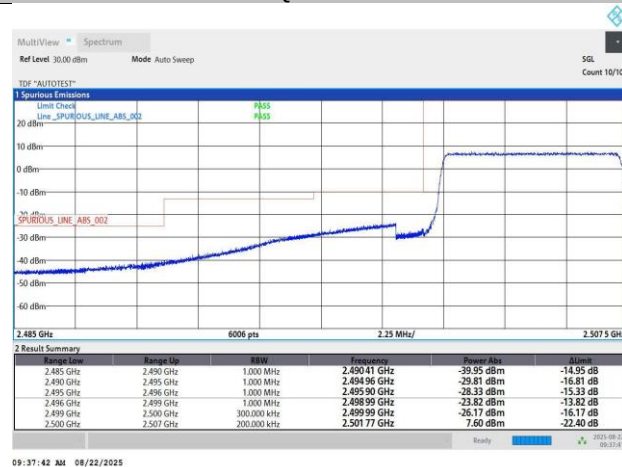
Band7-15MHz-QPSK-21375-36RB#39-PASS



Band7-15MHz-QPSK-21375-75RB#0-PASS



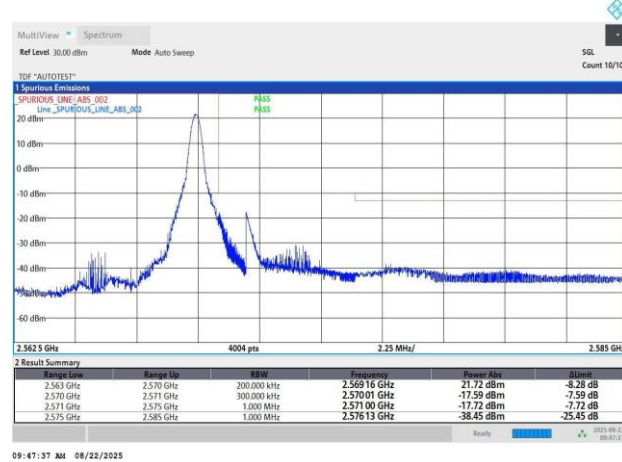
Band7-15MHz-16QAM-20825-1RB#0-PASS



Band7-15MHz-16QAM-20825-36RB#0-PASS



Band7-15MHz-16QAM-20825-75RB#0-PASS



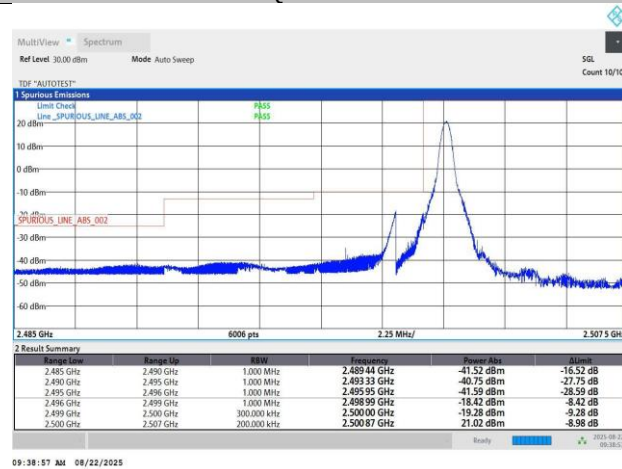
Band7-15MHz-16QAM-21375-1RB#74-PASS



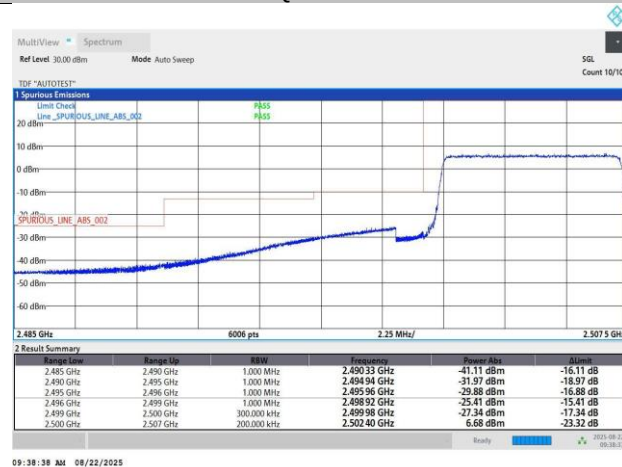
Band7-15MHz-16QAM-21375-36RB#39-PASS



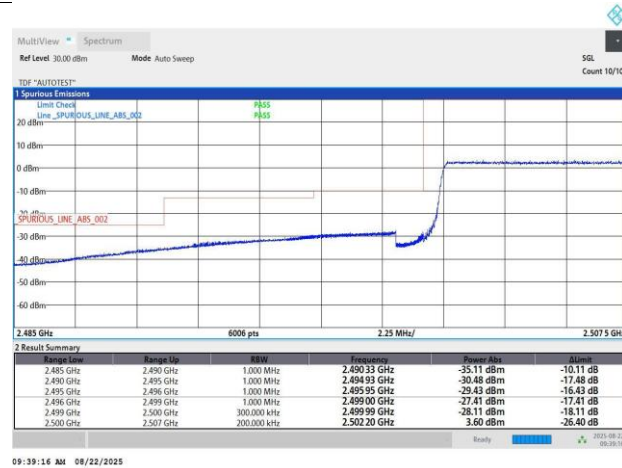
Band7-15MHz-16QAM-21375-75RB#0-PASS



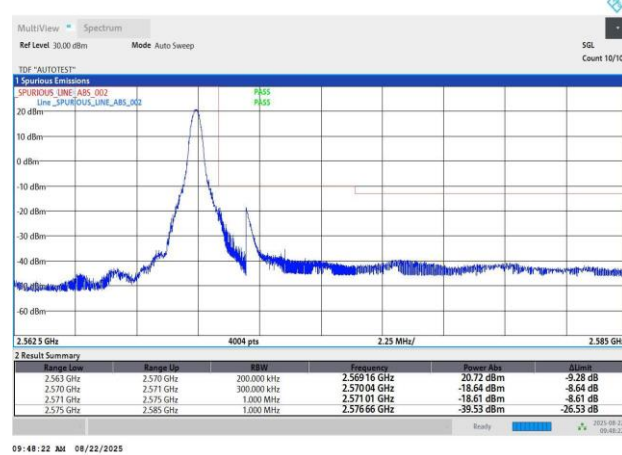
Band7-15MHz-64QAM-20825-1RB#0-PASS



Band7-15MHz-64QAM-20825-36RB#0-PASS



Band7-15MHz-64QAM-20825-75RB#0-PASS



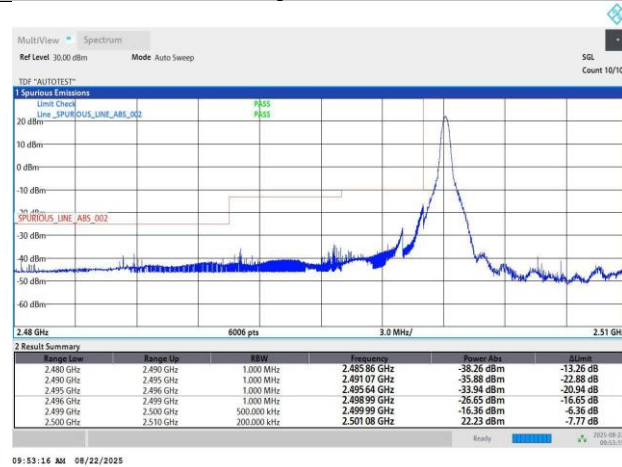
Band7-15MHz-64QAM-21375-1RB#74-PASS



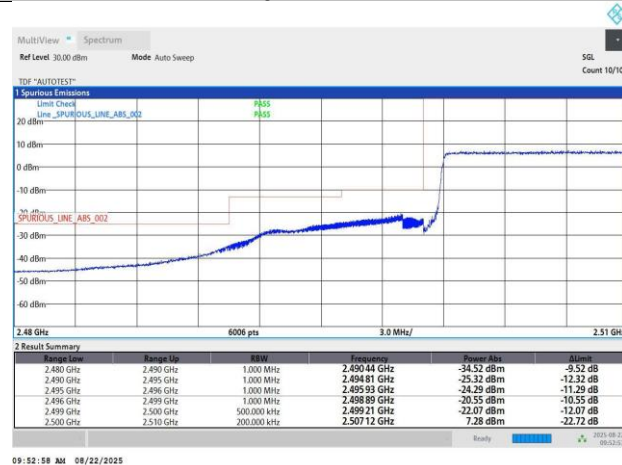
Band7-15MHz-64QAM-21375-36RB#39-PASS



Band7-15MHz-64QAM-21375-75RB#0-PASS



Band7-20MHz-QPSK-20850-1RB#0-PASS



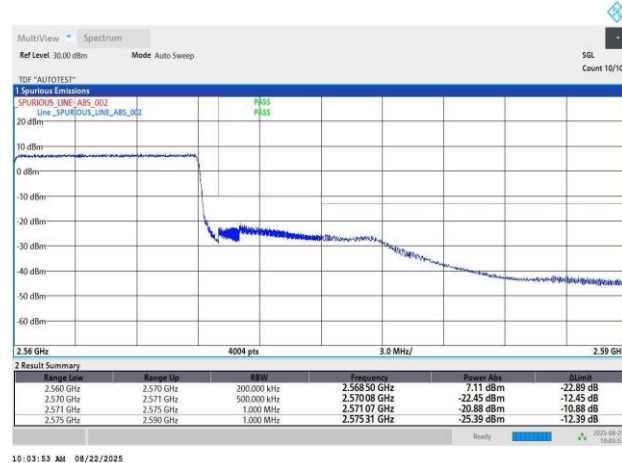
Band7-20MHz-QPSK-20850-50RB#0-PASS



Band7-20MHz-QPSK-20850-100RB#0-PASS



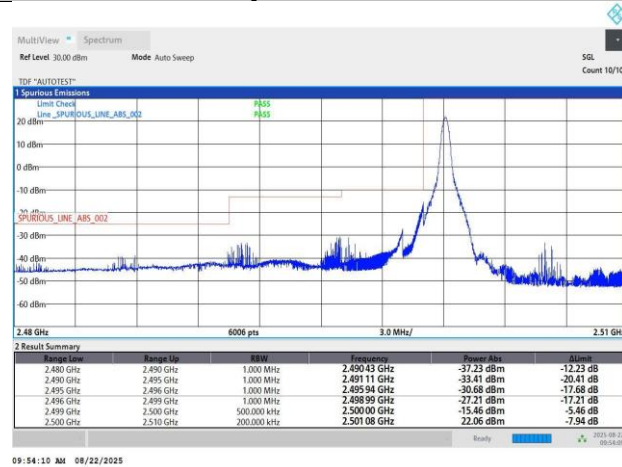
Band7-20MHz-QPSK-21350-1RB#99-PASS



Band7-20MHz-QPSK-21350-50RB#50-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



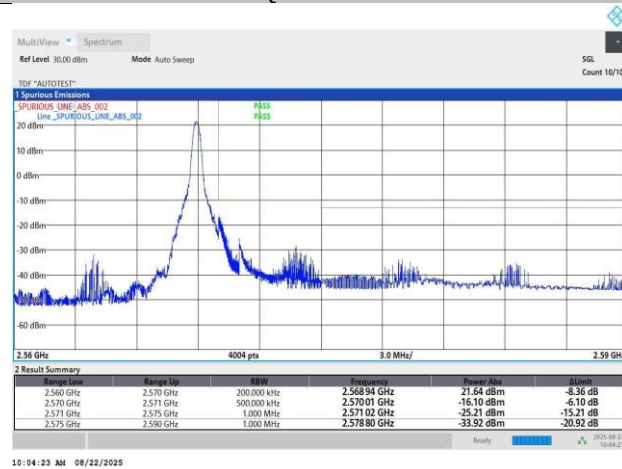
Band7-20MHz-16QAM-20850-1RB#0-PASS



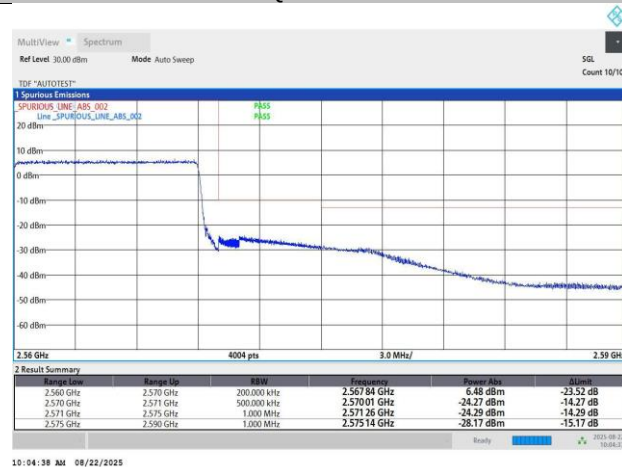
Band7-20MHz-16QAM-20850-50RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#99-PASS



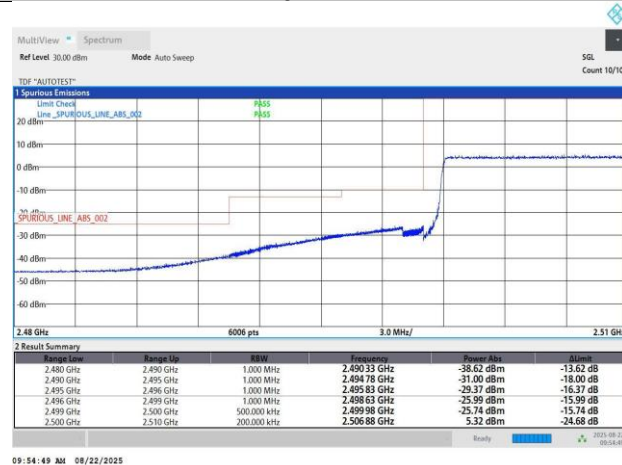
Band7-20MHz-16QAM-21350-50RB#50-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



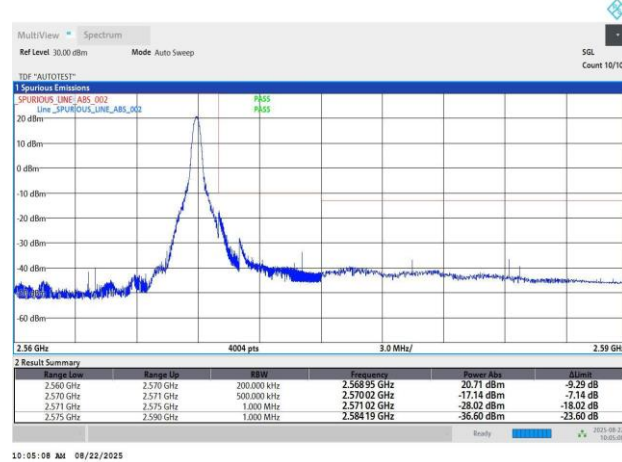
Band7-20MHz-64QAM-20850-1RB#0-PASS



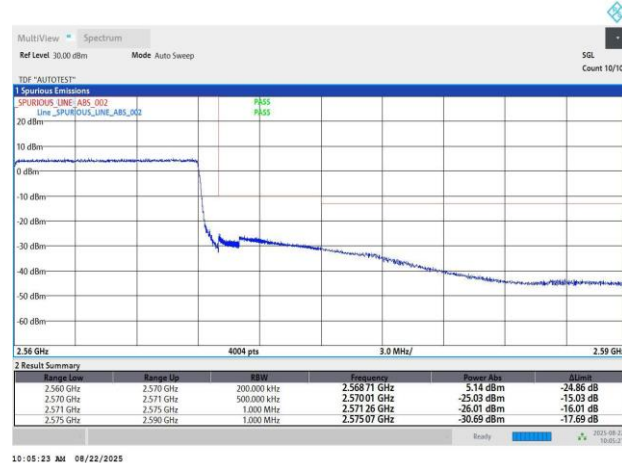
Band7-20MHz-64QAM-20850-50RB#0-PASS



Band7-20MHz-64QAM-20850-100RB#0-PASS



Band7-20MHz-64QAM-21350-1RB#99-PASS



Band7-20MHz-64QAM-21350-50RB#50-PASS



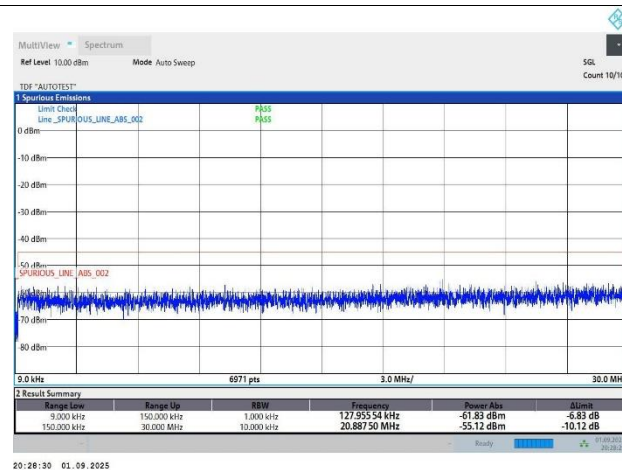
Band7-20MHz-64QAM-21350-100RB#0-PASS

5 Appendix E: Conducted Spurious Emission

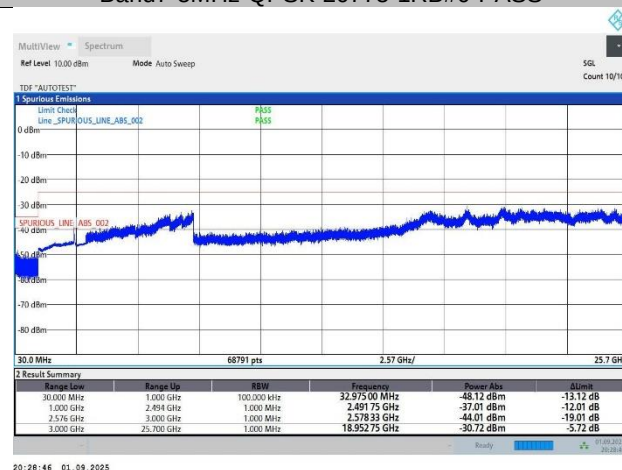
5.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result	Verdict
Band7	5MHz	QPSK	20775	1RB#0	See graph	PASS
Band7	5MHz	QPSK	21100	1RB#0	See graph	PASS
Band7	5MHz	QPSK	21425	1RB#0	See graph	PASS
Band7	10MHz	QPSK	20800	1RB#0	See graph	PASS
Band7	10MHz	QPSK	21100	1RB#0	See graph	PASS
Band7	10MHz	QPSK	21400	1RB#0	See graph	PASS
Band7	15MHz	QPSK	20825	1RB#0	See graph	PASS
Band7	15MHz	QPSK	21100	1RB#0	See graph	PASS
Band7	15MHz	QPSK	21375	1RB#0	See graph	PASS
Band7	20MHz	QPSK	20850	1RB#0	See graph	PASS
Band7	20MHz	QPSK	21100	1RB#0	See graph	PASS
Band7	20MHz	QPSK	21350	1RB#0	See graph	PASS

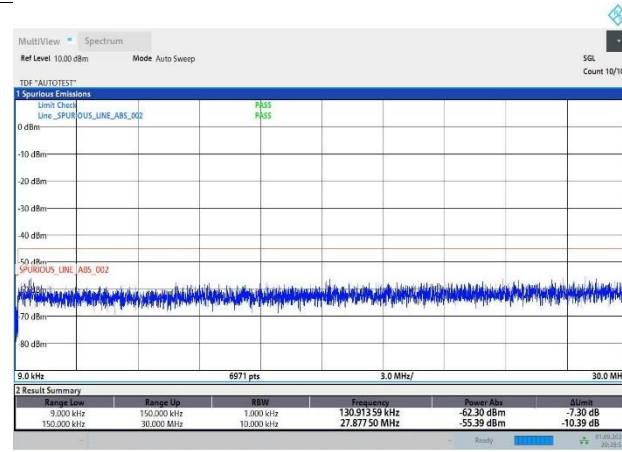
5.2 Test Plots



Band7-5MHz-QPSK-20775-1RB#0-PASS



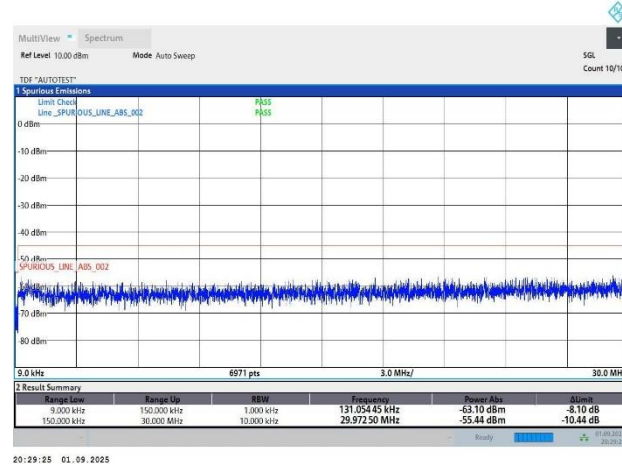
Band7-5MHz-QPSK-20775-1RB#0-PASS



Band7-5MHz-QPSK-21100-1RB#0-PASS



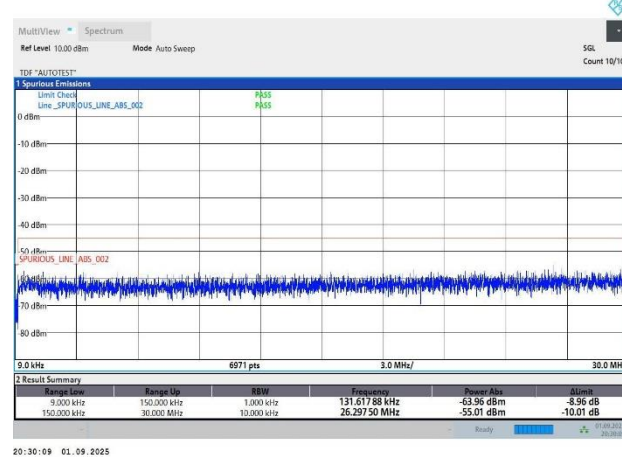
Band7-5MHz-QPSK-21100-1RB#0-PASS



Band7-5MHz-QPSK-21425-1RB#0-PASS



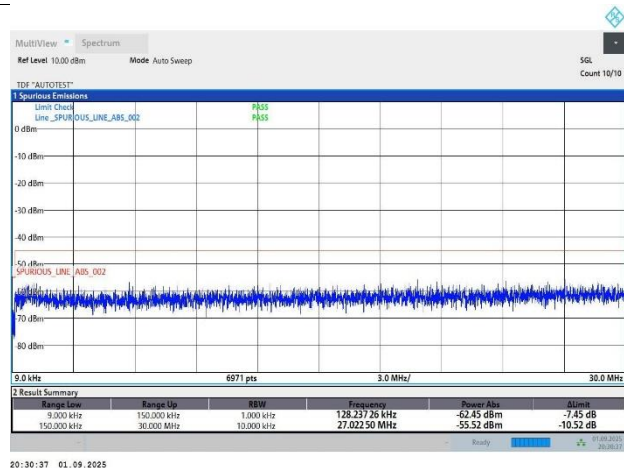
Band7-5MHz-QPSK-21425-1RB#0-PASS



Band7-10MHz-QPSK-20800-1RB#0-PASS



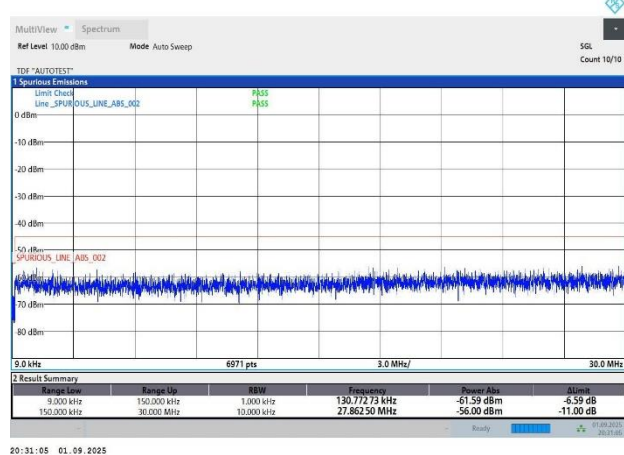
Band7-10MHz-QPSK-20800-1RB#0-PASS



Band7-10MHz-QPSK-21100-1RB#0-PASS



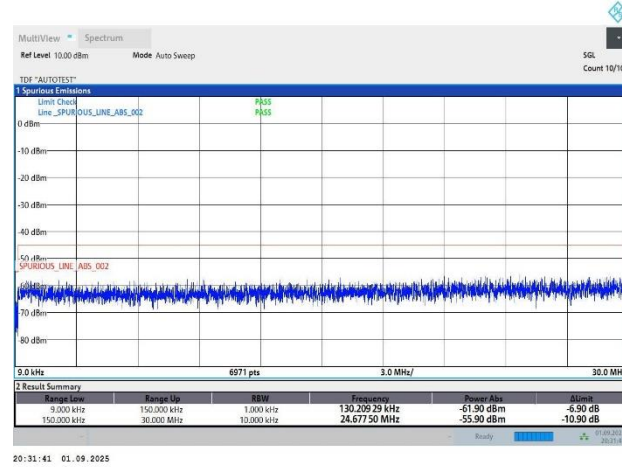
Band7-10MHz-QPSK-21100-1RB#0-PASS



Band7-10MHz-QPSK-21400-1RB#0-PASS



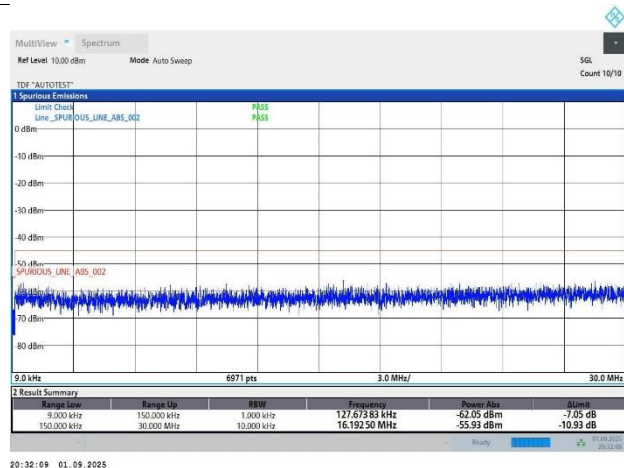
Band7-10MHz-QPSK-21400-1RB#0-PASS



Band7-15MHz-QPSK-20825-1RB#0-PASS



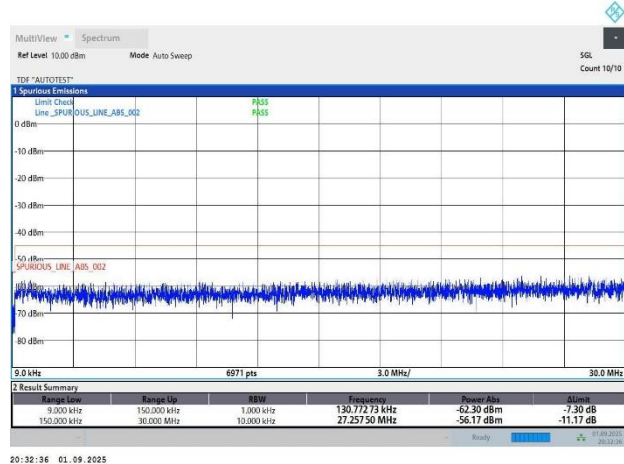
Band7-15MHz-QPSK-20825-1RB#0-PASS



Band7-15MHz-QPSK-21100-1RB#0-PASS



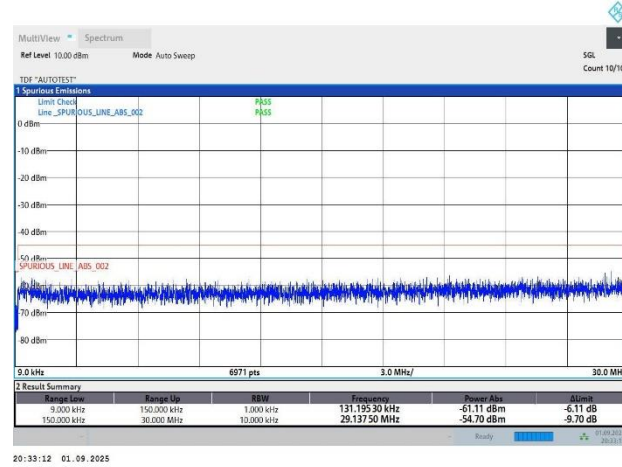
Band7-15MHz-QPSK-21100-1RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#0-PASS



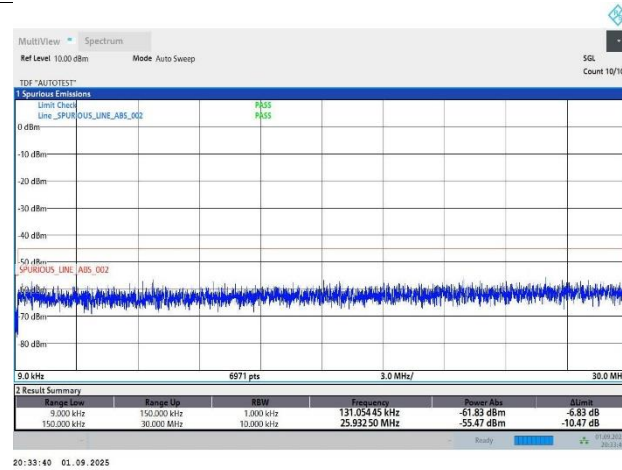
Band7-15MHz-QPSK-21375-1RB#0-PASS



Band7-20MHz-QPSK-20850-1RB#0-PASS



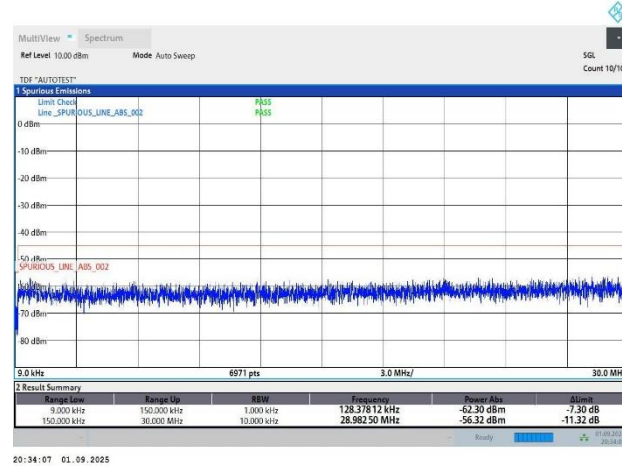
Band7-20MHz-QPSK-20850-1RB#0-PASS



Band7-20MHz-QPSK-21100-1RB#0-PASS



Band7-20MHz-QPSK-21100-1RB#0-PASS



Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-1RB#0-PASS

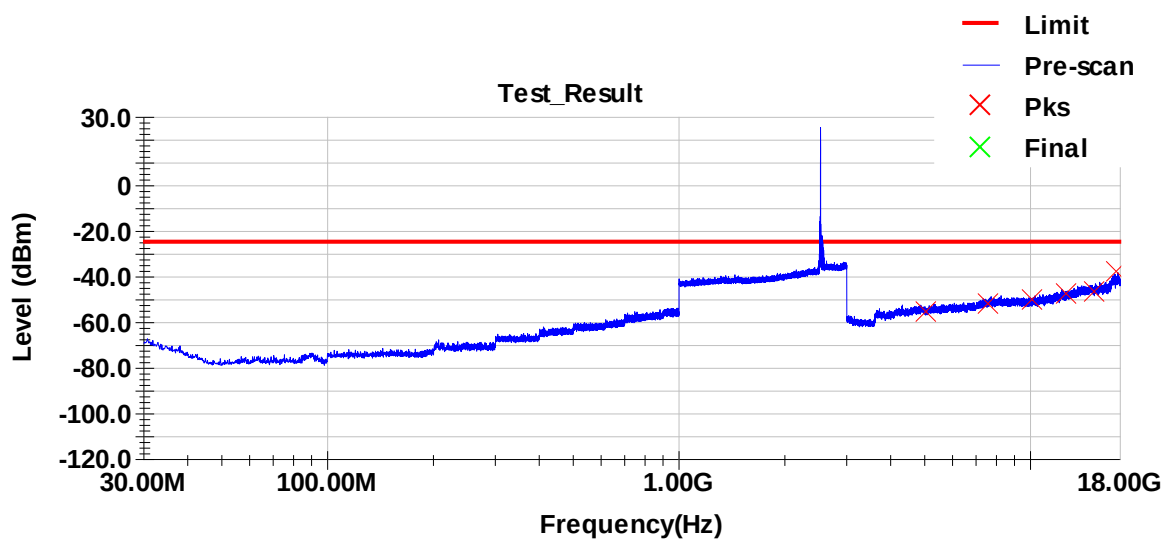
6 Appendix F: Radiated spurious emissions

Remark:

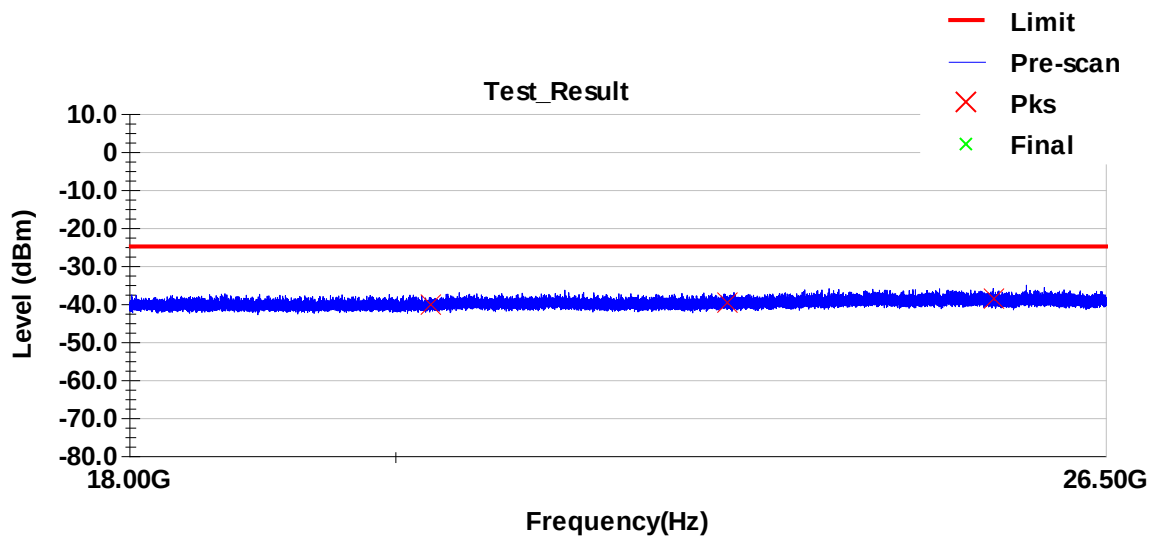
- The pre-tests cover all operation mode of EUT and the test reports show only the worst.
- If the margin is greater than 10dB, it is considered to meet the standard and no further test is conducted.
- The part of the graph that exceeds the limit is RF fundamental frequency and it should be excluded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

6.1 Test Result

The worst mode: LTE B7_LINK/ANT 31-BW20M-Mid-QPSK

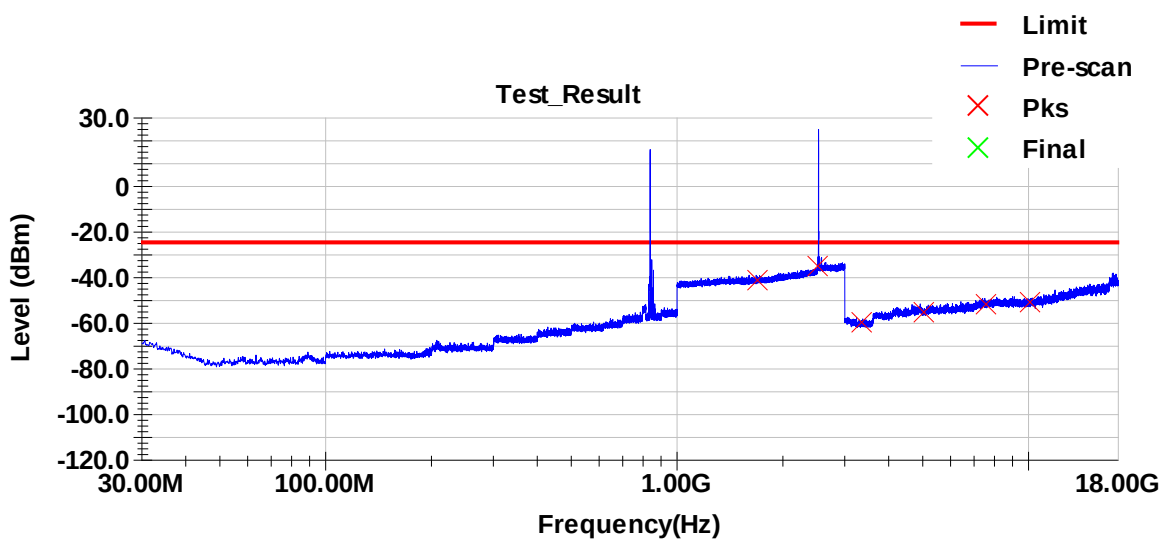


Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
5070.000	46.25	-6.33	-95.200	-55.28	-25.00	30.28	V
7605.000	45.99	-2.71	-95.200	-51.92	-25.00	26.92	V
10140.000	45.86	-0.63	-95.200	-50.26	-25.00	25.26	V
12675.000	45.21	2.59	-95.200	-47.62	-25.00	22.62	V
15210.000	42.75	6.02	-95.200	-46.50	-25.00	21.50	V
17745.000	42.93	13.97	-95.200	-38.31	-25.00	13.31	V

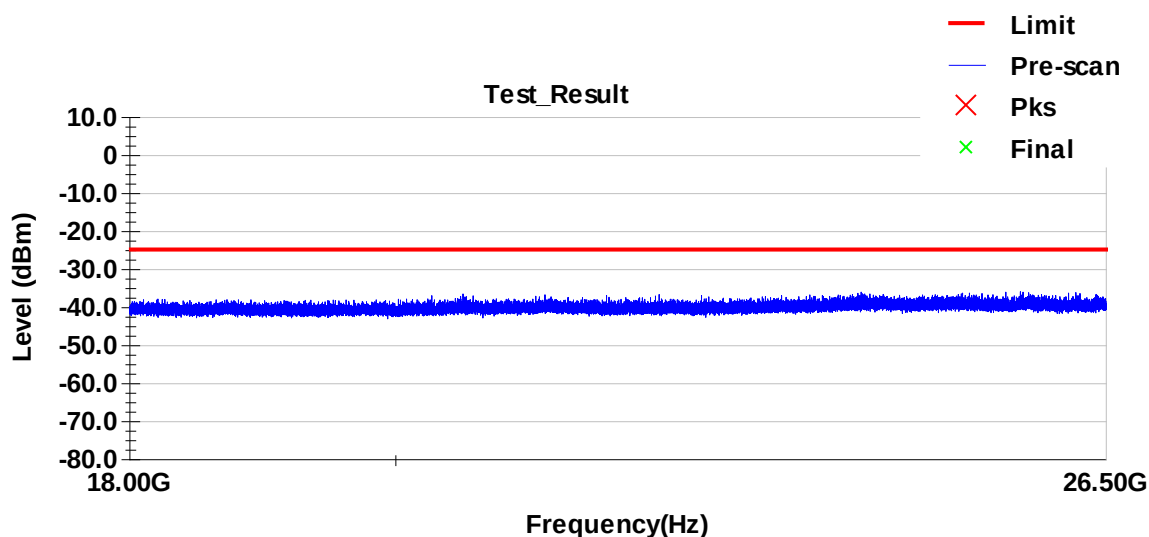


Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
20280.000	36.98	17.96	-95.200	-40.26	-25.00	15.26	V
22815.000	37.14	18.09	-95.200	-39.97	-25.00	14.97	V
25350.000	38.03	18.30	-95.200	-38.86	-25.00	13.86	V

The worst mode: LTE CA_7A_20A_LINK/ANT 11-BW20M+20M-Mid-QPSK



Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
1694.000	21.77	32.02	-95.200	-41.40	-25.00	16.40	V
2541.000	24.78	34.94	-95.200	-35.49	-25.00	10.49	V
3388.000	48.24	-13.31	-95.200	-60.27	-25.00	35.27	V
5070.000	46.12	-6.33	-95.200	-55.41	-25.00	30.41	V
7605.000	45.98	-2.71	-95.200	-51.93	-25.00	26.93	V
10140.000	45.20	-0.63	-95.200	-50.93	-25.00	25.93	V



7 Appendix G: Frequency Stability

7.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	NT	-1.6	- 0.000637	PASS
Band7	20MHz	QPSK	20850	100RB#0	LV	NT	-2.2	- 0.000876	PASS
Band7	20MHz	QPSK	20850	100RB#0	HV	NT	0.1	- 0.000040	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	NT	-1.7	- 0.000671	PASS
Band7	20MHz	QPSK	21100	100RB#0	LV	NT	-0.4	- 0.000158	PASS
Band7	20MHz	QPSK	21100	100RB#0	HV	NT	-1.7	- 0.000671	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	NT	0.1	- 0.000039	PASS
Band7	20MHz	QPSK	21350	100RB#0	LV	NT	-1.6	- 0.000625	PASS
Band7	20MHz	QPSK	21350	100RB#0	HV	NT	-2.7	- 0.001055	PASS

Band	Channel bandwidth	Modulation	Channel	RB Configure	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
Band 7	20MHz	QPSK	20850	100RB#0	NV	-30	-1.4	- 0.000558	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	-20	-1.5	- 0.000598	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	-10	-0.8	- 0.000319	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	0	-0.7	- 0.000279	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	10	-2.6	- 0.001036	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	20	0.7	- 0.000279	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	30	-0.8	- 0.000319	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	40	-0.8	- 0.000319	PASS
Band 7	20MHz	QPSK	20850	100RB#0	NV	50	-1.6	- 0.000637	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	-30	0.2	- 0.000079	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	-20	1.3	- 0.000513	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	-10	2.0	- 0.000789	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	0	-0.5	- 0.000197	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	10	-0.3	- 0.000118	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	20	-1.3	- 0.000513	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	30	0.7	- 0.000276	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	40	-3.0	- 0.001183	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	50	1.9	- 0.000750	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	-30	-1.9	- 0.000742	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	-20	-2.0	- 0.000781	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	-10	0.7	- 0.000273	PASS

Band 7	20MHz	QPSK	21350	100RB#0	NV	0	1.3	0.000508	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	10	-0.2	- 0.000078	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	20	-1.9	- 0.000742	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	30	-2.1	- 0.000820	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	40	1.6	0.000625	PASS
Band 7	20MHz	QPSK	21350	100RB#0	NV	50	-0.3	- 0.000117	PASS

END