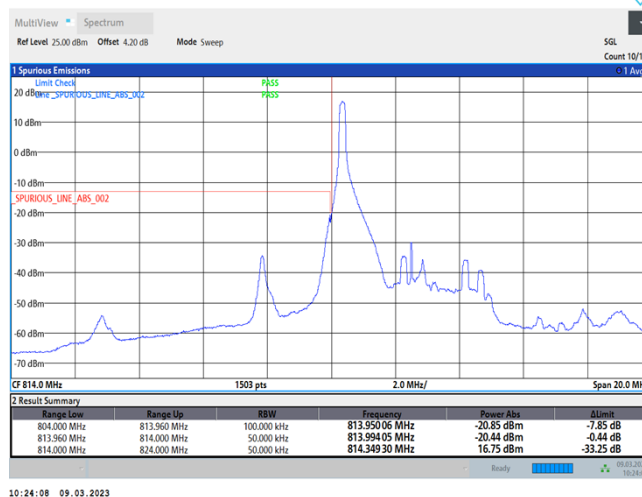


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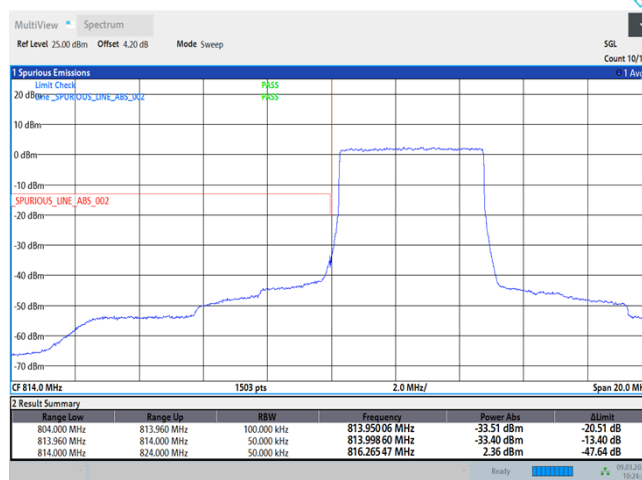
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Band26-5MHz-QPSK-26715-1RB#0



10:24:08 09.03.2023

Band26-5MHz-QPSK-26715-25RB#0



10:24:36 09.03.2023



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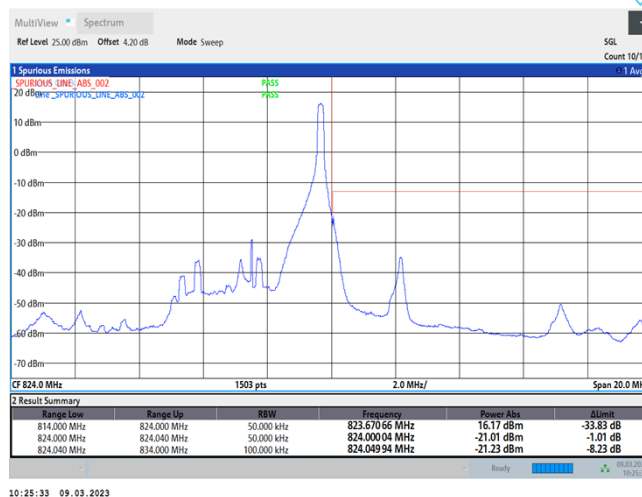
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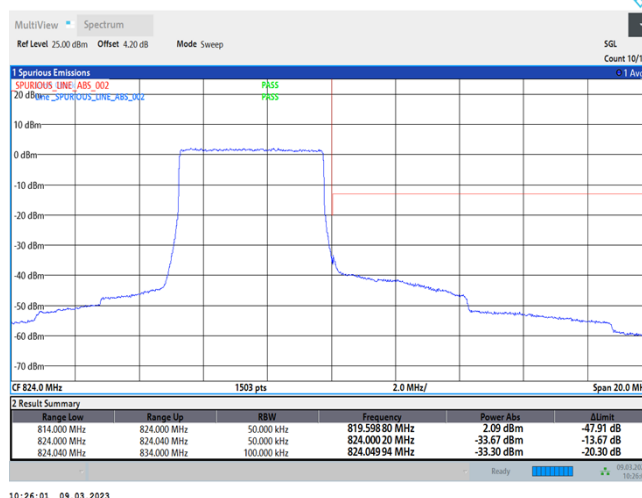
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Band26-5MHz-QPSK-26765-1RB#24



Band26-5MHz-QPSK-26765-25RB#0



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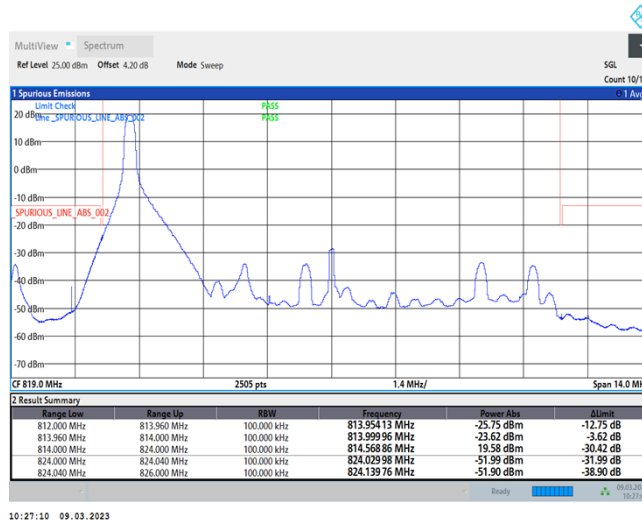
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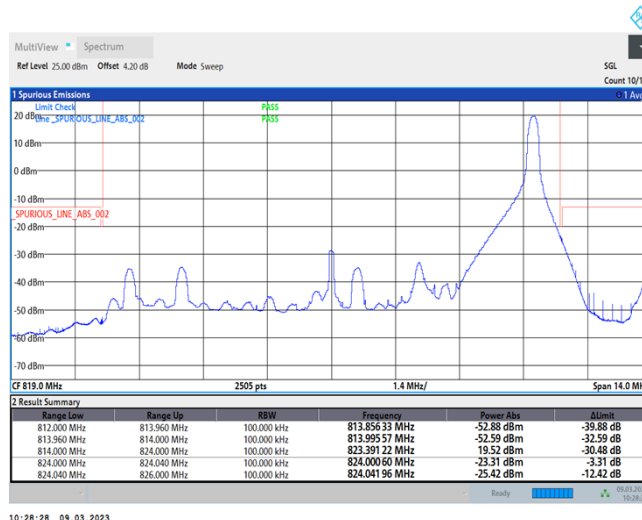
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Band26-10MHz-QPSK-26740-1RB#0



Band26-10MHz-QPSK-26740-1RB#49



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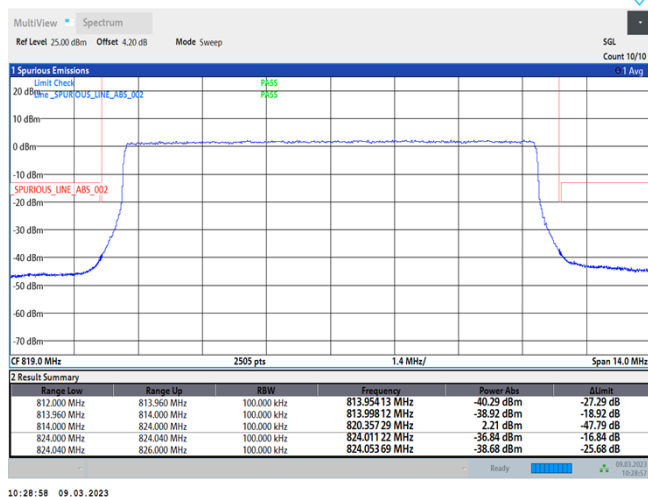
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Band26-10MHz-QPSK-26740-50RB#0



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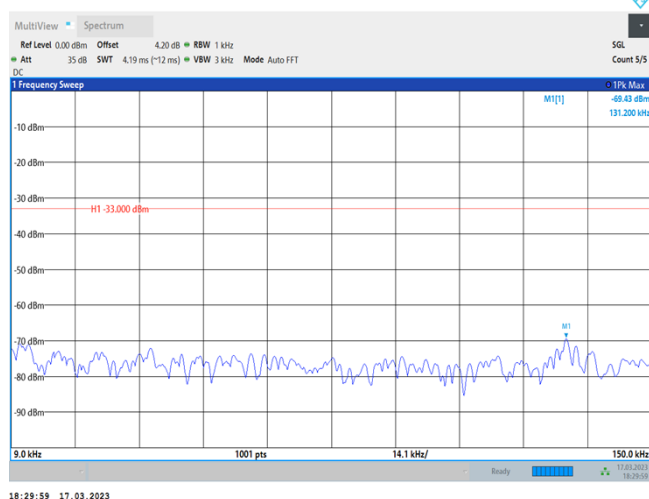
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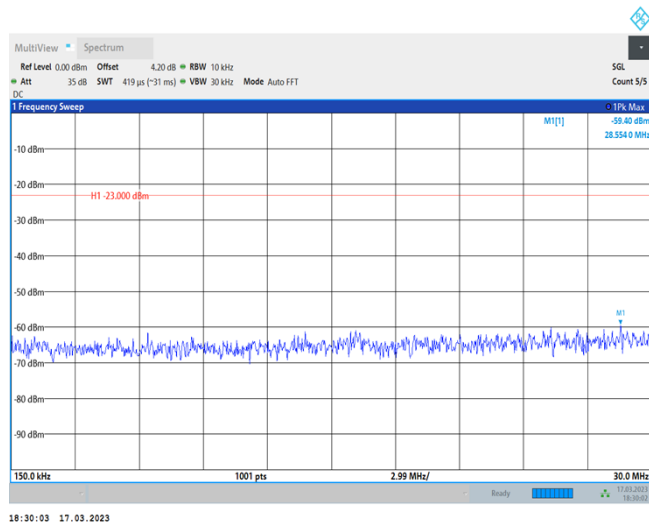
Conducted Spurious Emission

Test Graphs

Band26-10MHz-QPSK-26740-1RB#0-Range1:0.009~0.15MHz



Band26-10MHz-QPSK-26740-1RB#0-Range2:0.15~30MHz



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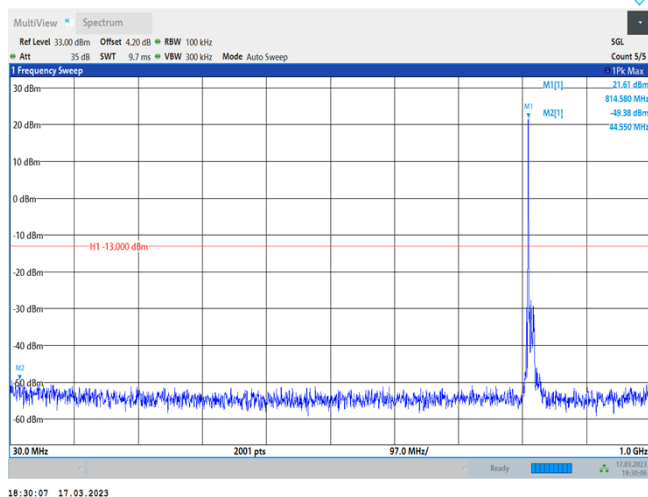
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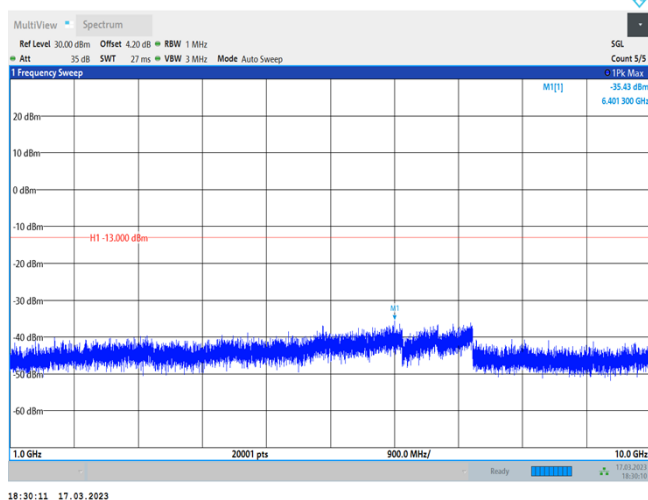
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Band26-10MHz-QPSK-26740-1RB#0-Range3:30~1000MHz



Band26-10MHz-QPSK-26740-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 26_10M_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.1800	44.33	-48.24	25.36	-73.81	-13.00	60.81	142	242	Horizontal
2	2443.7700	43.08	-47.37	27.59	-71.97	-13.00	58.97	238	251	Horizontal
3	3258.3600	42.37	-46.52	29.61	-69.80	-13.00	56.80	286	83	Horizontal
4	4072.9500	41.47	-45.98	30.91	-68.86	-13.00	55.86	244	251	Horizontal
5	4887.5400	42.18	-45.59	32.57	-66.10	-13.00	53.10	195	238	Horizontal
6	5702.1300	40.14	-44.57	33.39	-66.30	-13.00	53.30	162	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.1800	44.76	-48.24	25.36	-73.38	-13.00	60.38	247	300	Vertical
2	2443.7700	45.65	-47.37	27.59	-69.40	-13.00	56.40	183	228	Vertical
3	3258.3600	43.19	-46.52	29.61	-68.98	-13.00	55.98	265	228	Vertical
4	4072.9500	41.51	-45.98	30.91	-68.82	-13.00	55.82	194	3	Vertical
5	4887.5400	42.35	-45.59	32.57	-65.93	-13.00	52.93	281	164	Vertical
6	5702.1300	40.38	-44.57	33.39	-66.06	-13.00	53.06	153	110	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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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-5.10	-0.006227	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-6.40	-0.007814	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-3.40	-0.004151	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-6.20	-0.007570	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	0.90	0.001099	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-0.60	-0.000733	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-0.90	-0.001099	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	0.30	0.000366	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	1.20	0.001465	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	0.50	0.000611	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	0.90	0.001099	±2.5	PASS

---End of Attachment---



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