

APPENDIX L: TEST RESULTS FOR E-UTRA OPERATING BAND 26

APPENDIX L.1: EFFECTIVE (ISOTROPIC) RADIATED POWER.....	2
Test Result	2
APPENDIX L.2: PEAK-TO AVERAGE RATIO	5
Test Result	5
Test Graphs.....	6
APPENDIX L.3: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH	7
Test Result	7
Test Graphs.....	8
APPENDIX L.4: BAND EDGE	12
Test Result	12
Test Graphs.....	13
APPENDIX L.5: CONDUCTED SPURIOUS EMISSIONS	18
Test Result	18
General:	18
Test Graphs.....	19
General:	19
APPENDIX L.6: FREQUENCY STABILITY	20
Test Result	20

APPENDIX L.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Result (dBm)	ERP Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.80	21.65	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.03	21.88	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.04	21.89	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.70	21.55	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.70	21.55	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.91	21.76	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.87	20.72	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.92	21.77	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.93	21.78	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.82	21.67	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.81	21.66	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.96	21.81	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.85	21.70	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.81	20.66	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.95	21.80	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.97	21.82	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.04	21.89	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.94	21.79	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.01	21.86	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.86	21.71	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.86	20.71	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.64	21.49	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.78	21.63	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.89	21.74	PASS
Band26	3MHz	QPSK	26705	8RB#0	21.81	20.66	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.81	20.66	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.80	20.65	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.68	20.53	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.90	21.75	PASS

Band26	3MHz	QPSK	26740	1RB#8	22.80	21.65	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.66	21.51	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.82	20.67	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.89	20.74	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.81	20.66	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.92	20.77	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.67	21.52	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.69	21.54	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.72	21.57	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.86	20.71	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.86	20.71	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.92	20.77	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.85	20.70	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.66	21.51	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.85	21.70	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.58	21.43	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.91	20.76	PASS
Band26	5MHz	QPSK	26715	12RB#6	21.81	20.66	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.15	21.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.74	20.59	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.77	21.62	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.95	21.80	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.56	21.41	PASS
Band26	5MHz	QPSK	26740	12RB#0	21.98	20.83	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.99	20.84	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.78	20.63	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.86	20.71	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.75	21.60	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.70	21.55	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.84	21.69	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.80	20.65	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.89	20.74	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.78	20.63	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.77	20.62	PASS

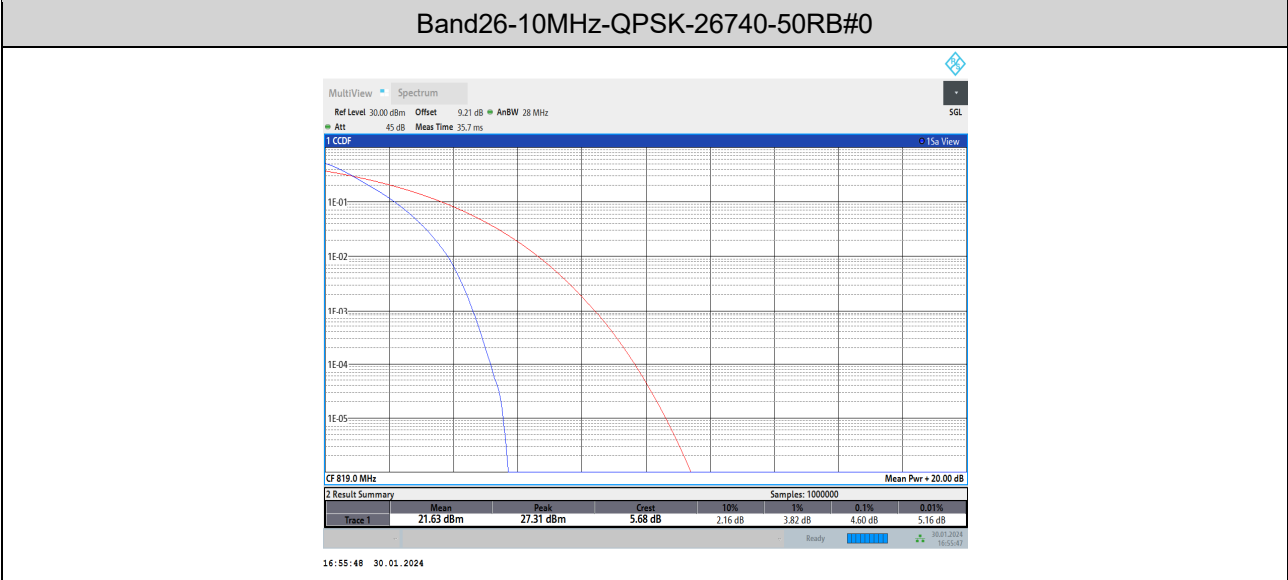
Band26	10MHz	QPSK	26740	1RB#0	22.48	21.33	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.92	21.77	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.74	21.59	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.76	20.61	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.96	20.81	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.68	20.53	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.95	20.80	PASS

APPENDIX L.2: PEAK-TO AVERAGE RATIO

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	4.60	13	PASS

Test Graphs



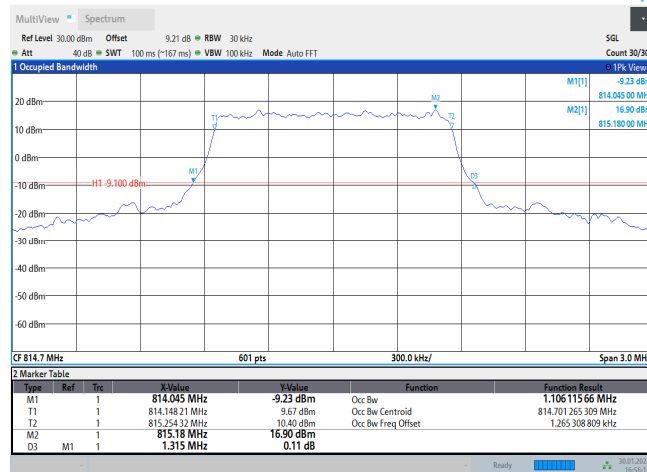
APPENDIX L.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.106	1.31	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.104	1.33	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.102	1.34	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.7	2.98	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.704	3.01	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.71	2.98	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.479	4.95	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.483	4.98	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.468	4.92	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.928	9.87	PASS

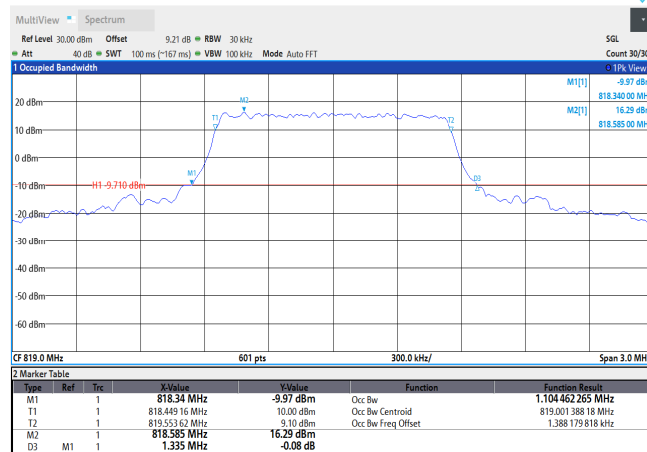
Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0



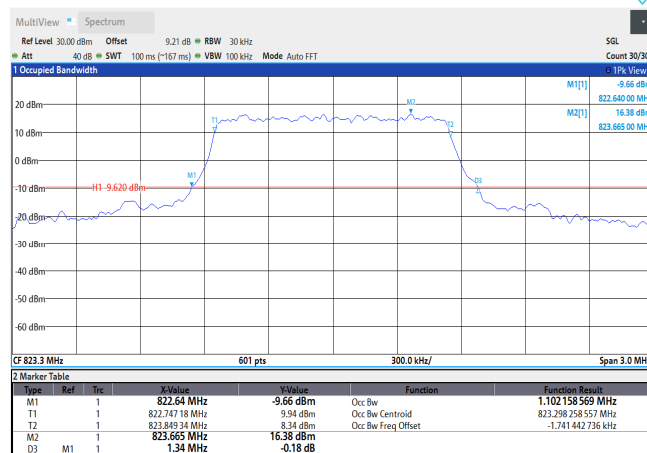
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Band26-1.4MHz-QPSK-26740-6RB#0



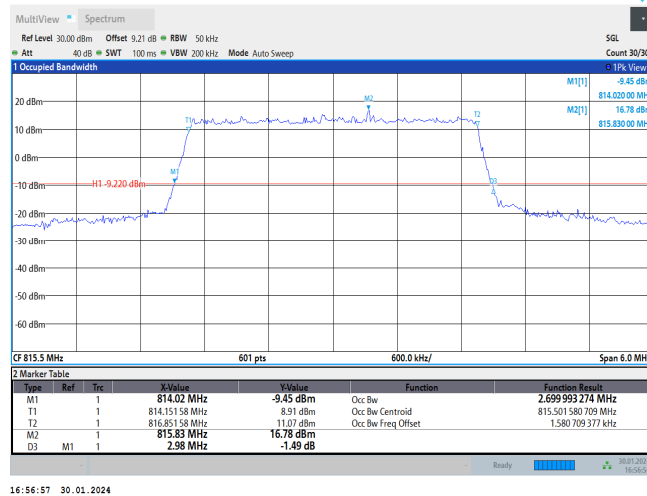
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Band26-1.4MHz-QPSK-26783-6RB#0



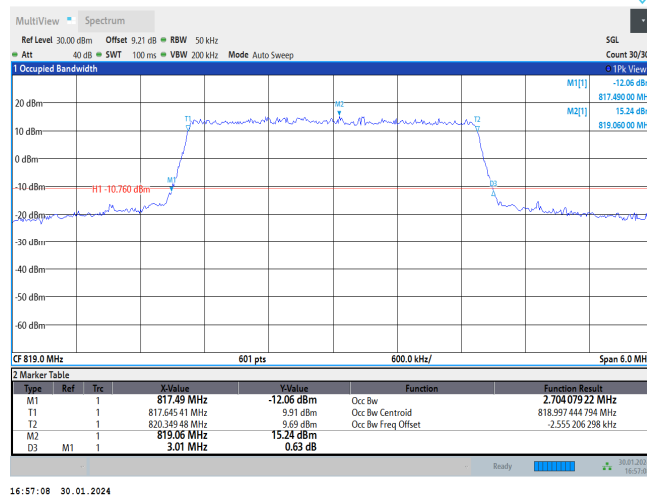
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Band26-3MHz-QPSK-26705-15RB#0



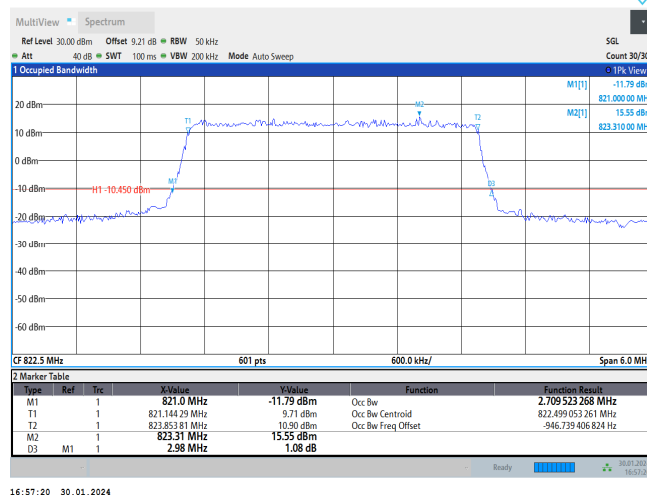
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Band26-3MHz-QPSK-26740-15RB#0



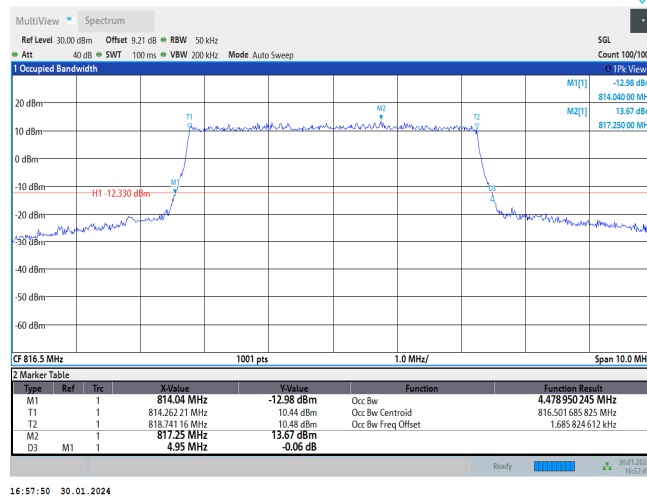
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Band26-3MHz-QPSK-26775-15RB#0

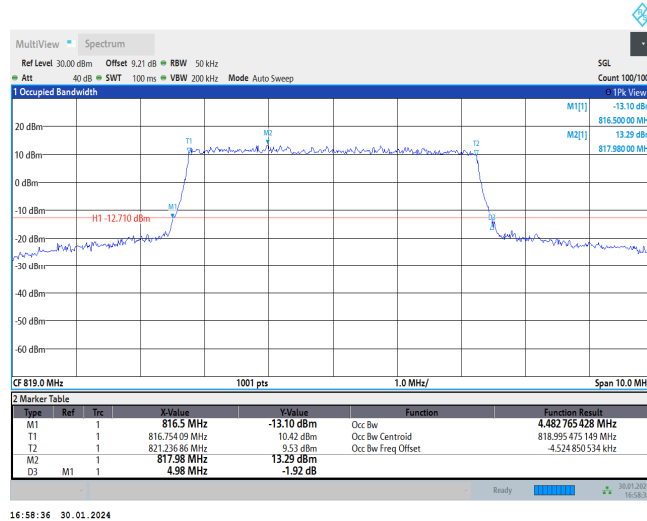


16:57:20 30.01.2024

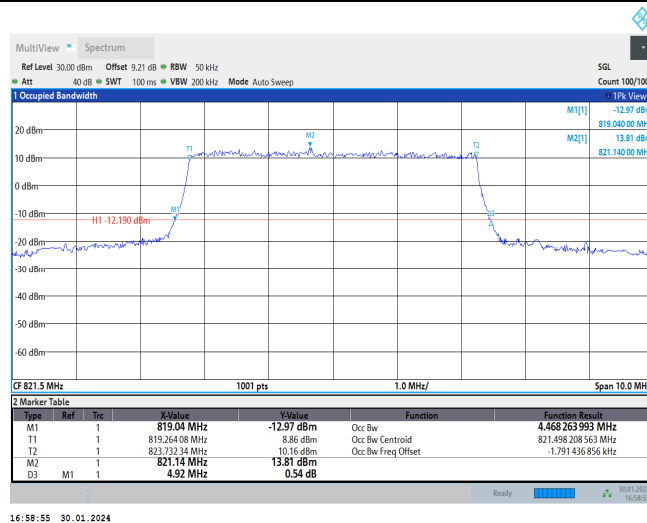
Band26-5MHz-QPSK-26715-25RB#0



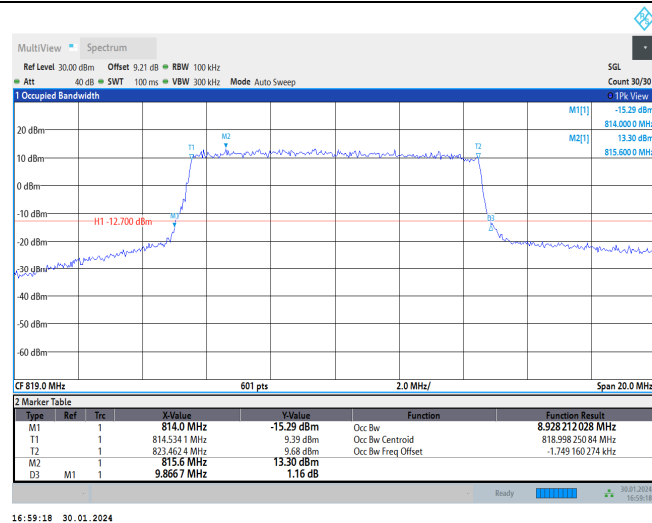
Band26-5MHz-QPSK-26740-25RB#0



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



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



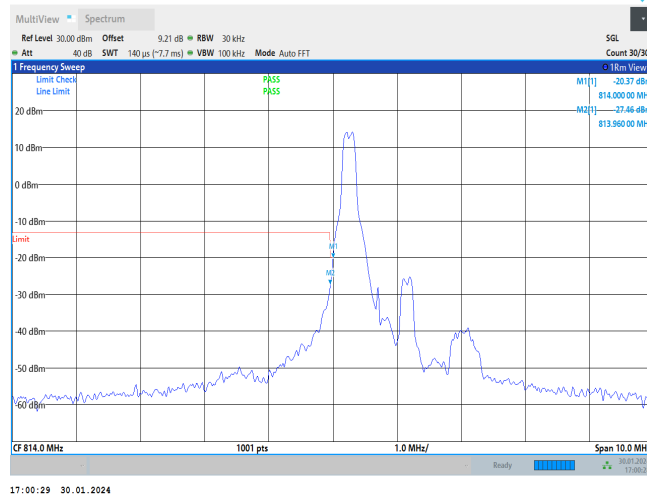
APPENDIX L.4: BAND EDGE

Test Result

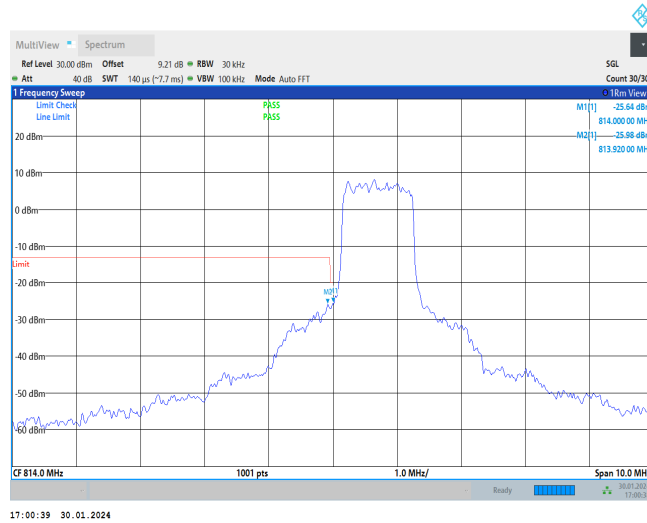
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	-20.37,-27.46	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	-25.64,-25.98	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	-23.06,-30.48	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-24.42,-26.55	PASS
Band26	3MHz	QPSK	26705	1RB#0	-21.24,-26.56	PASS
Band26	3MHz	QPSK	26705	15RB#0	-21.94,-26.43	PASS
Band26	3MHz	QPSK	26775	1RB#14	-20.31,-27.42	PASS
Band26	3MHz	QPSK	26775	15RB#0	-24.64,-25.83	PASS
Band26	5MHz	QPSK	26715	1RB#0	-24.99,-27.69	PASS
Band26	5MHz	QPSK	26715	25RB#0	-28.36,-29.73	PASS
Band26	5MHz	QPSK	26765	1RB#24	-25.93,-29.58	PASS
Band26	5MHz	QPSK	26765	25RB#0	-27.88,-27.72	PASS
Band26	10MHz	QPSK	26740	1RB#0	-33.35,-28.88,- 49.33,-45.89	PASS
Band26	10MHz	QPSK	26740	1RB#49	-46.09,-49.45,- 34.03,-36.41	PASS
Band26	10MHz	QPSK	26740	50RB#0	-28.72,-27.77,- 27.33,-27.05	PASS

Test Graphs

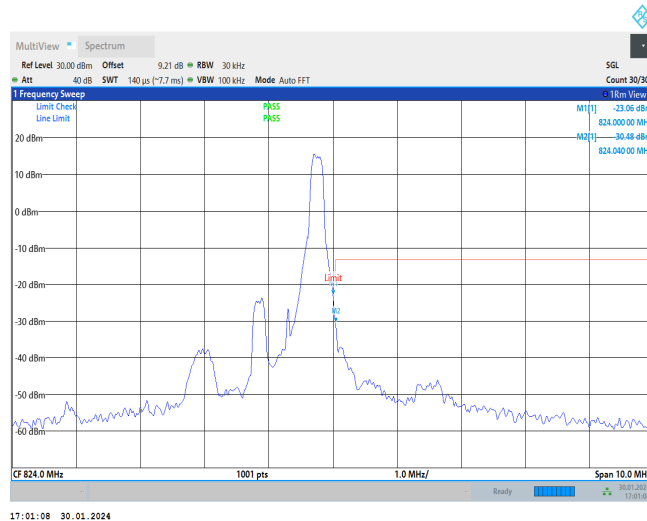
Band26-1.4MHz-QPSK-26697-1RB#0



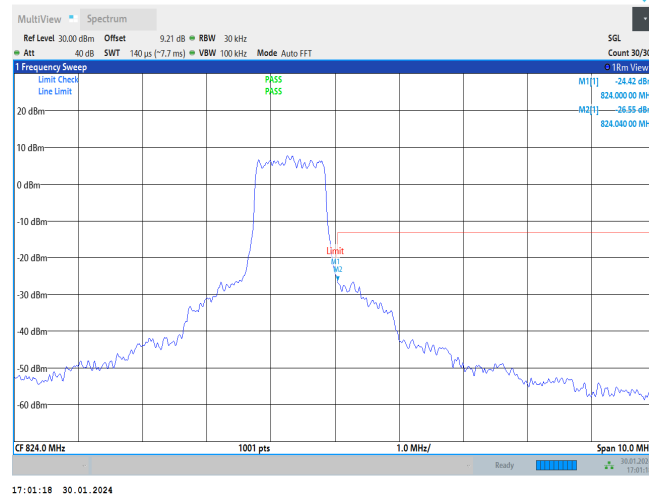
Band26-1.4MHz-QPSK-26697-6RB#0



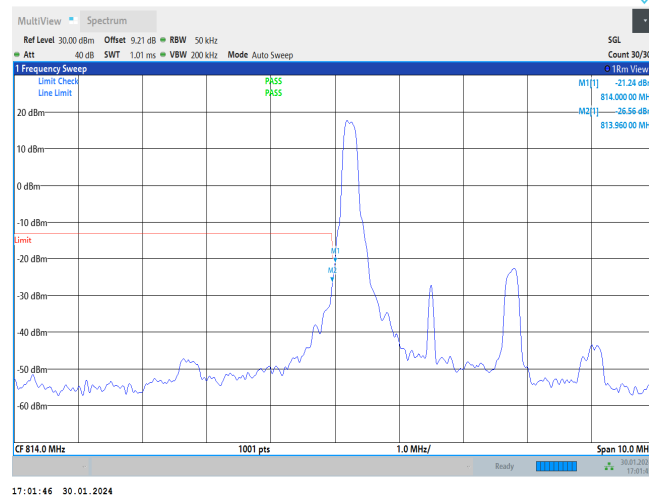
Band26-1.4MHz-QPSK-26783-1RB#5



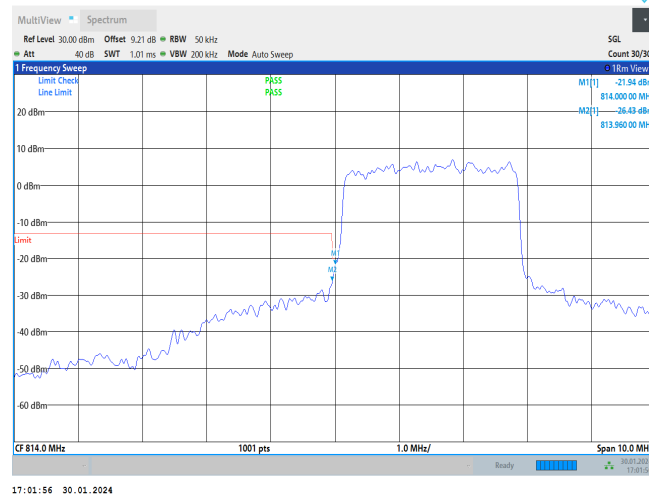
Band26-1.4MHz-QPSK-26783-6RB#0



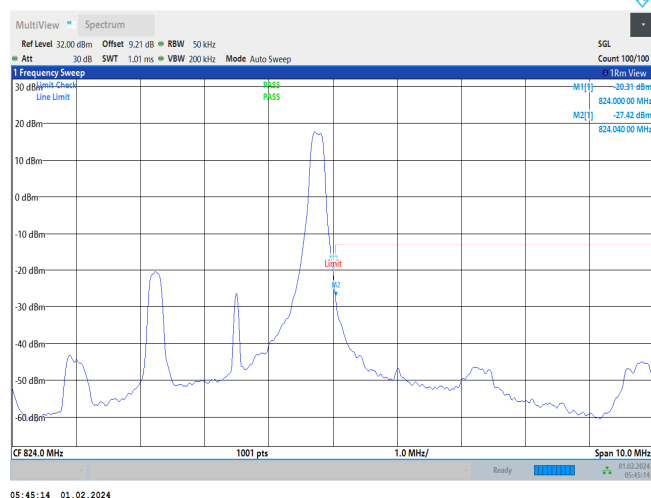
Band26-3MHz-QPSK-26705-1RB#0



Band26-3MHz-QPSK-26705-15RB#0



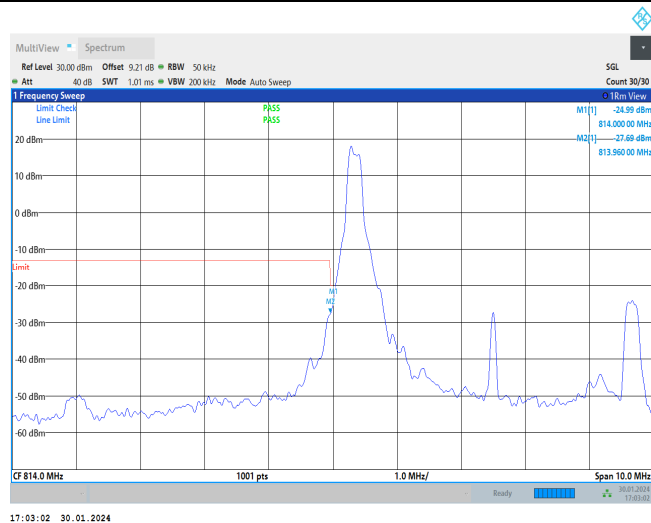
Band26-3MHz-QPSK-26775-1RB#14



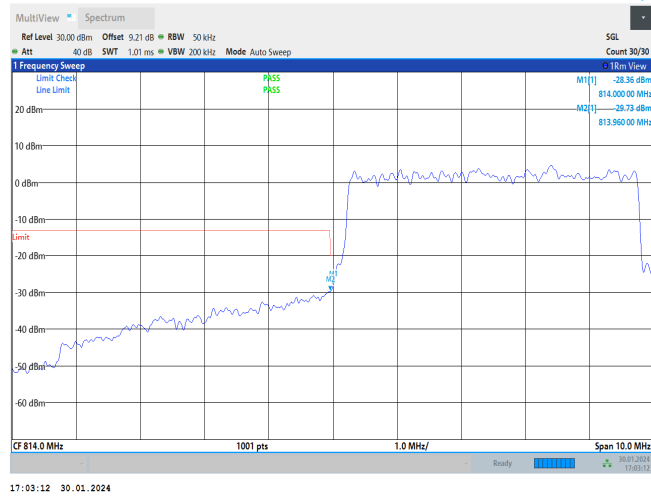
Band26-3MHz-QPSK-26775-15RB#0



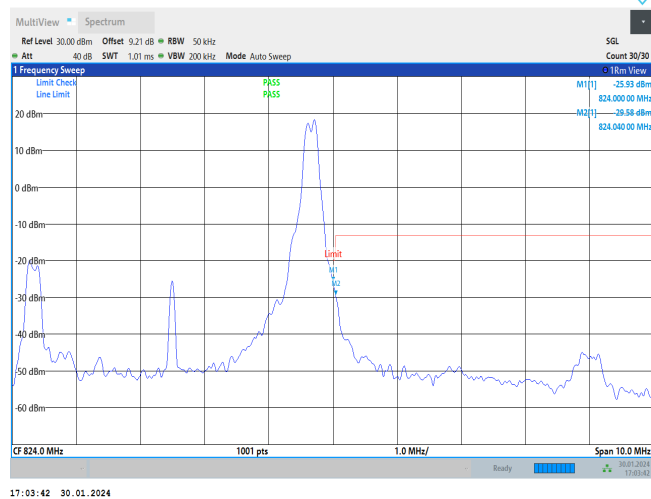
Band26-5MHz-QPSK-26715-1RB#0



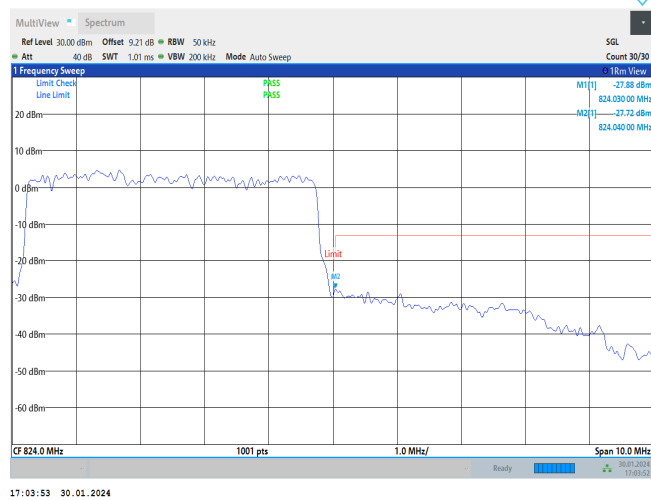
Band26-5MHz-QPSK-26715-25RB#0



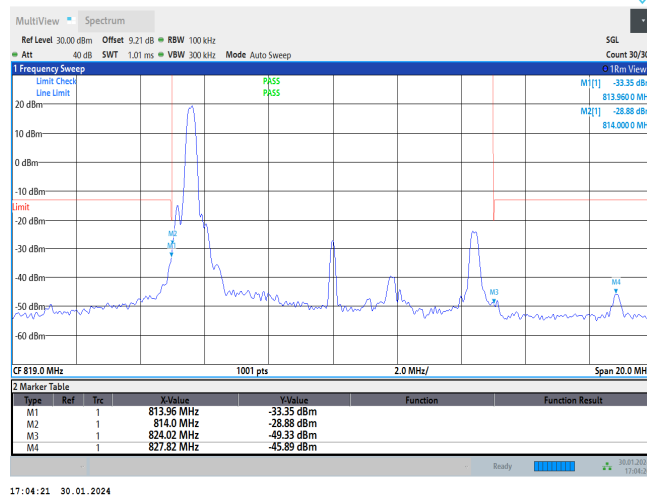
Band26-5MHz-QPSK-26765-1RB#24



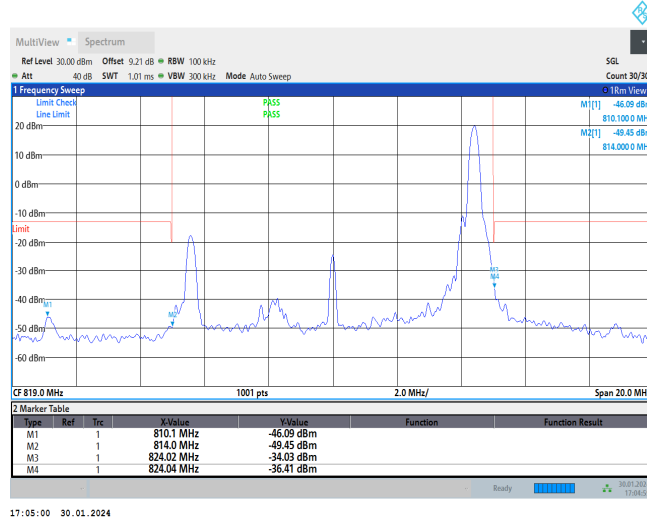
Band26-5MHz-QPSK-26765-25RB#0



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



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



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



APPENDIX L.5: CONDUCTED SPURIOUS EMISSIONS

Test Result

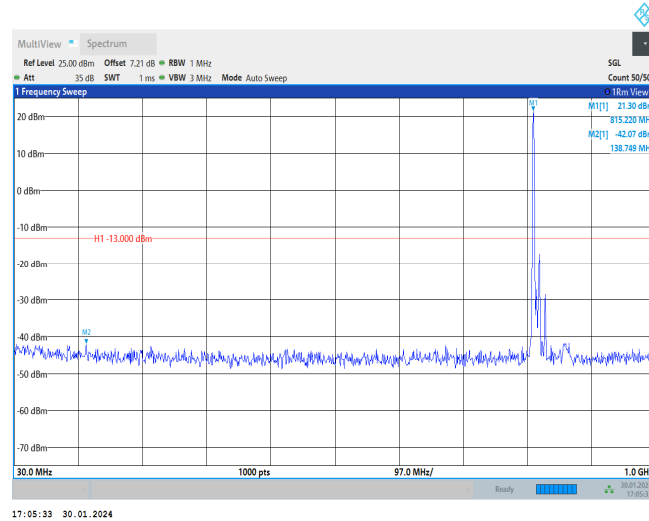
General:

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	10MHz	QPSK	26740	1RB#0	Range1:30~1000MHz	-42.07	PASS
Band26	10MHz	QPSK	26740	1RB#0	Range2:1000~10000MHz	-45.35	PASS

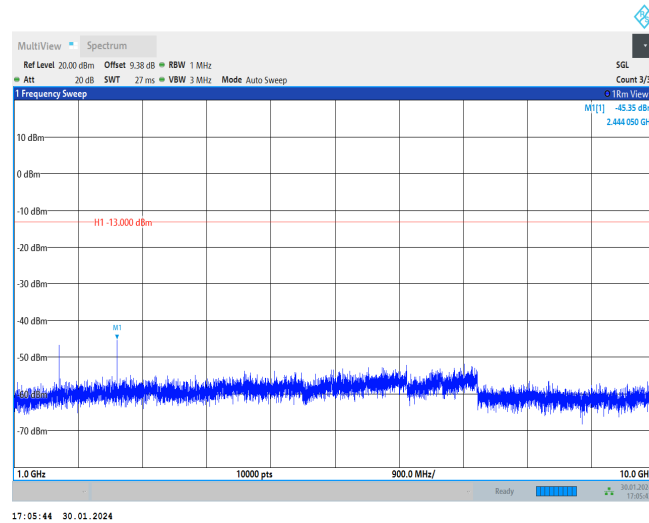
Test Graphs

General:

Band26-10MHz-QPSK-26740-1RB#0-Range1:30~1000MHz



Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~10000MHz



APPENDIX L.6: 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	-3.53	-0.004310	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-2.42	-0.002955	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-3.55	-0.004335	±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	-3.10	-0.003785	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-2.68	-0.003272	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-5.21	-0.006361	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-3.86	-0.004713	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-3.18	-0.003883	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-3.18	-0.003883	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-1.43	-0.001746	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-4.68	-0.005714	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	60	-4.38	-0.005348	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	70	-3.56	-0.004347	±2.5	PASS