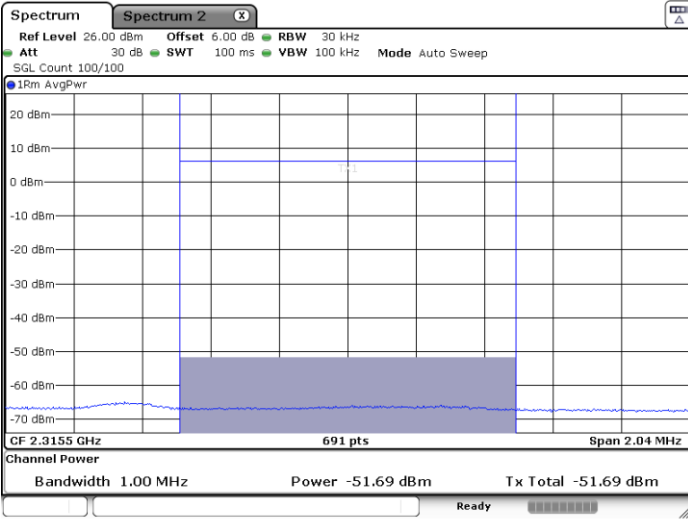




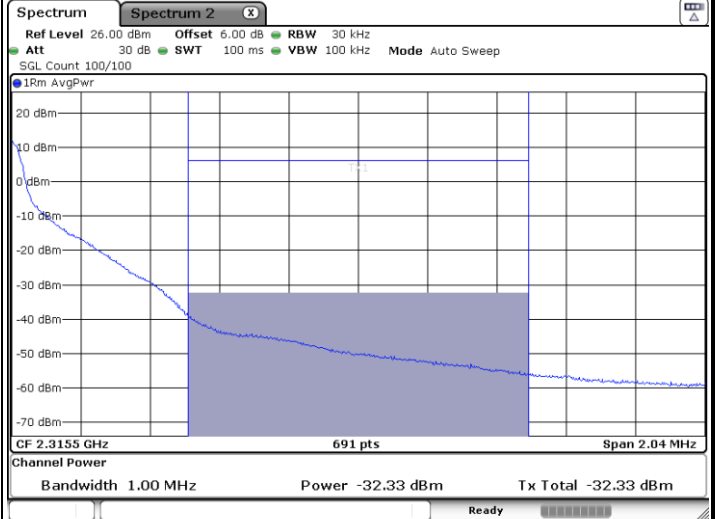
LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1 RBMAX

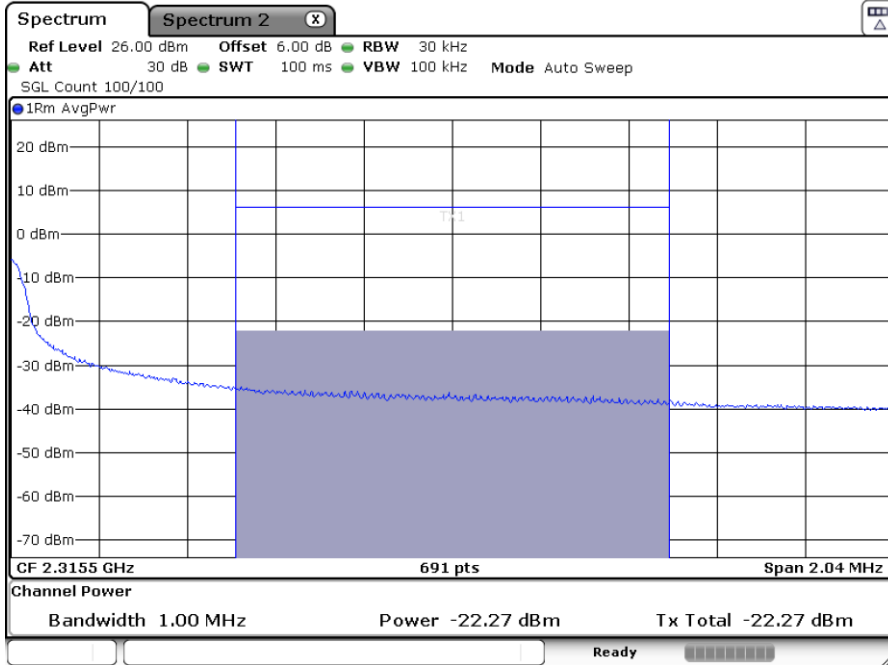


Date: 31.DEC.2024 13:25:27



Date: 31.DEC.2024 13:24:51

Full RB



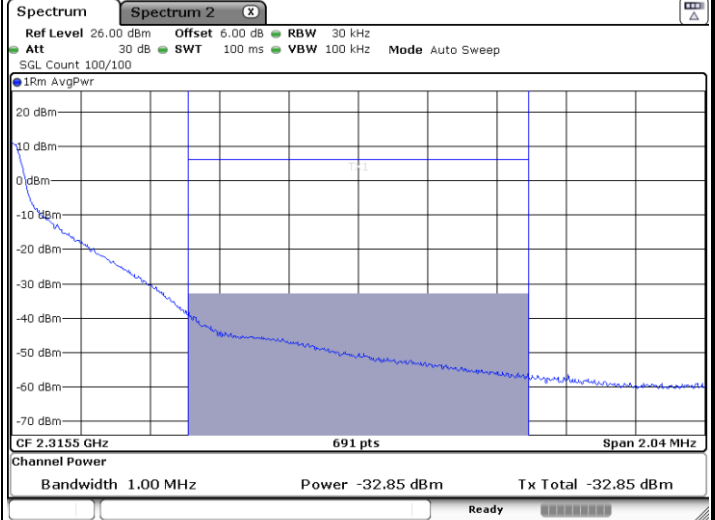
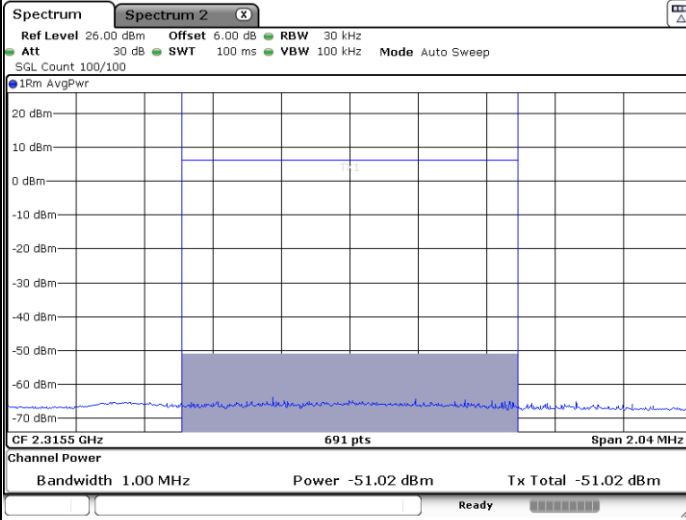
Date: 31.DEC.2024 13:29:54



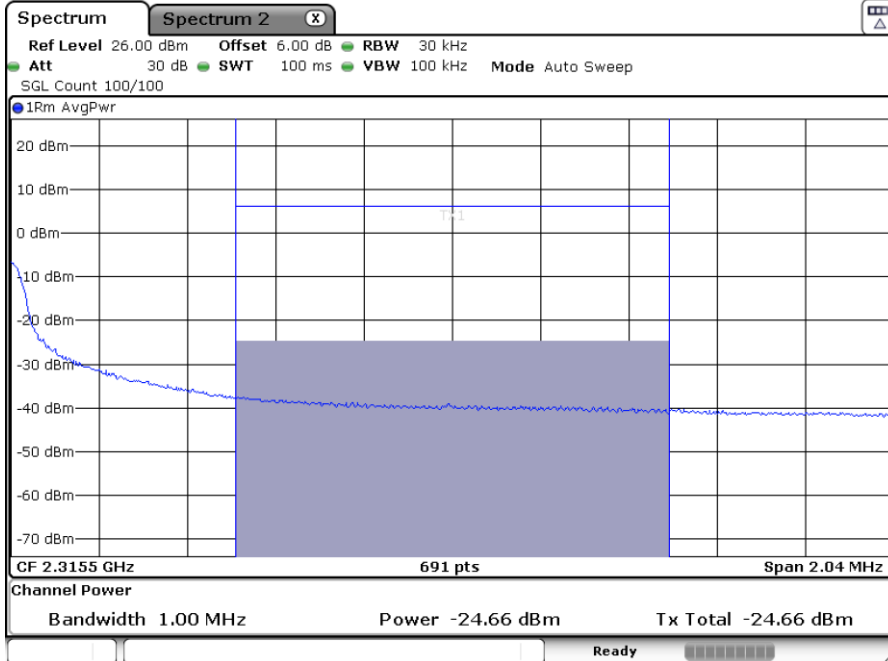
LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RBMAX



Full RB

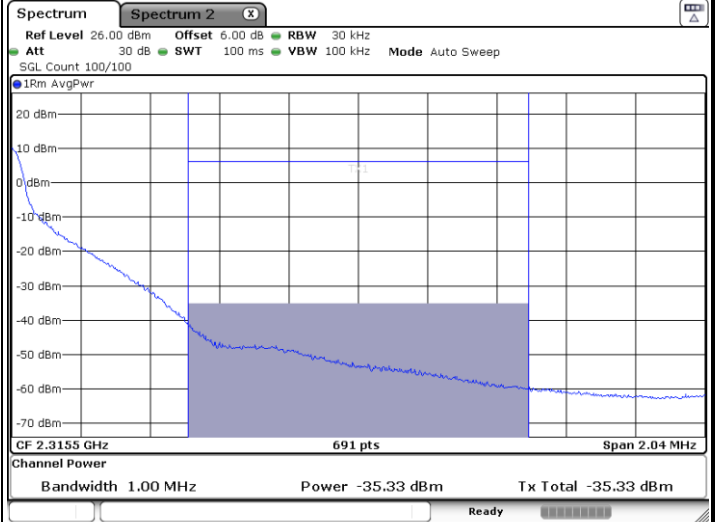
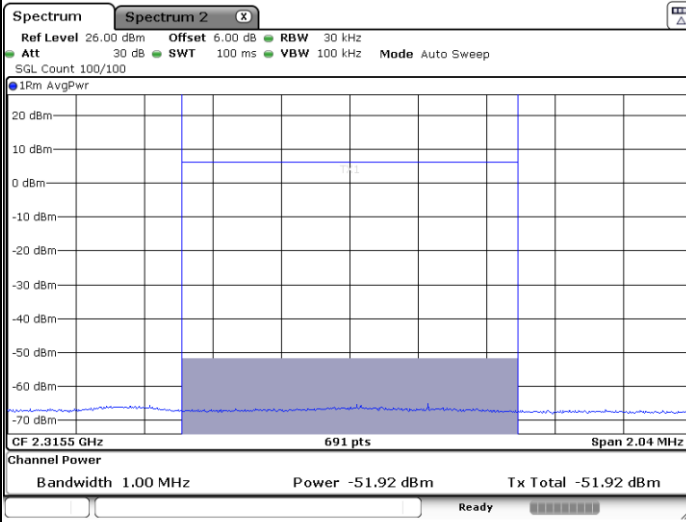




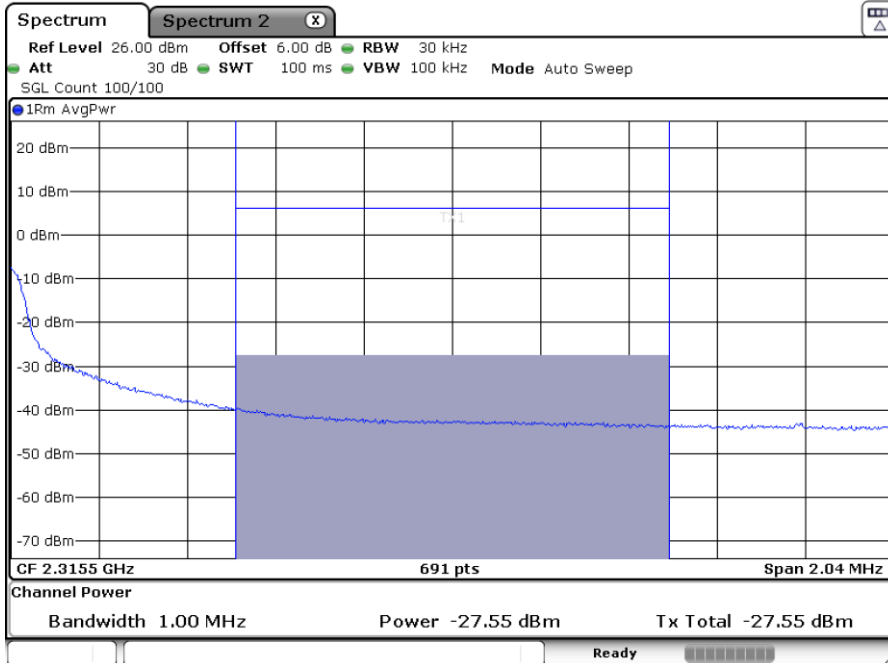
LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RBMAX



Band Edge / Full RB



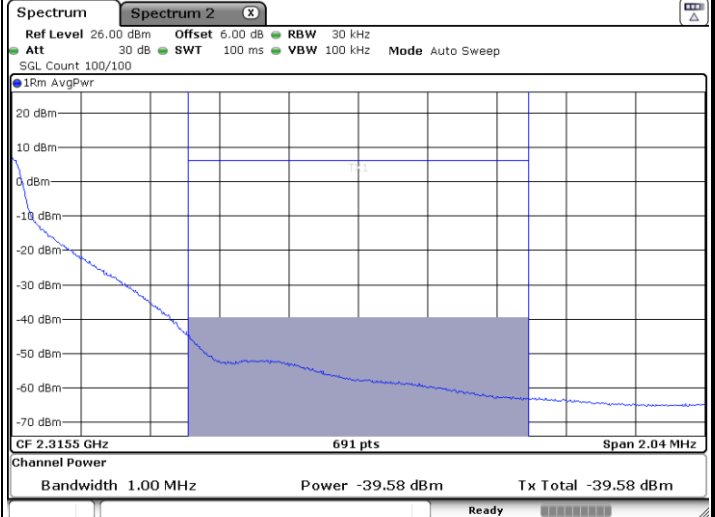
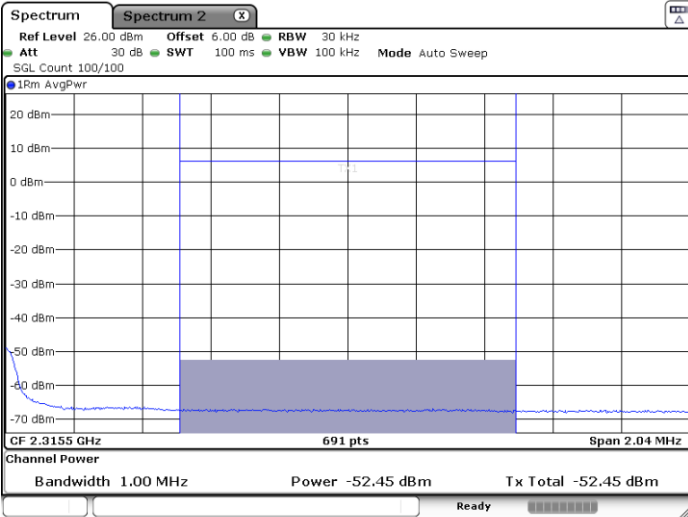
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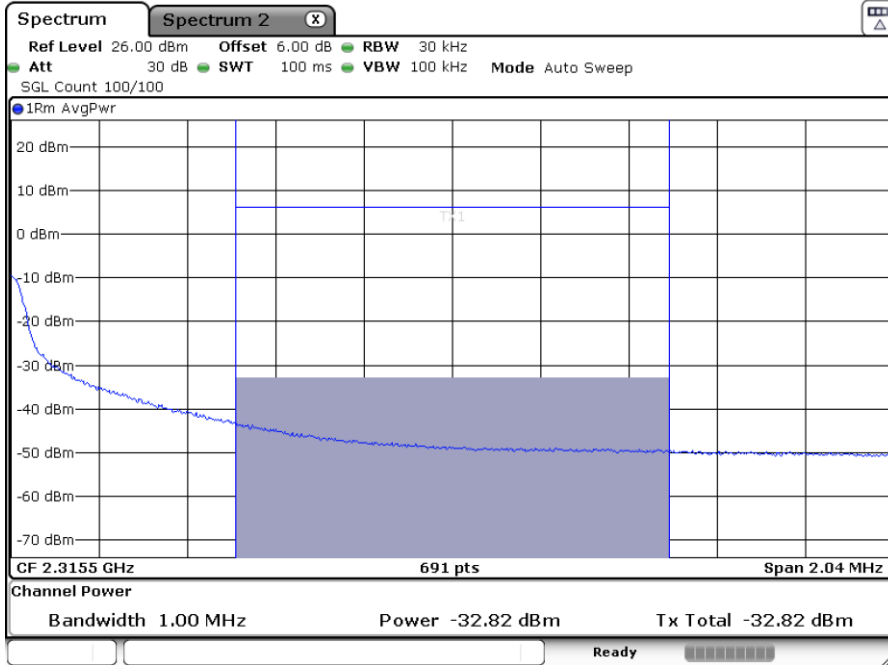
LTE Band 30 / 10MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RBMAX

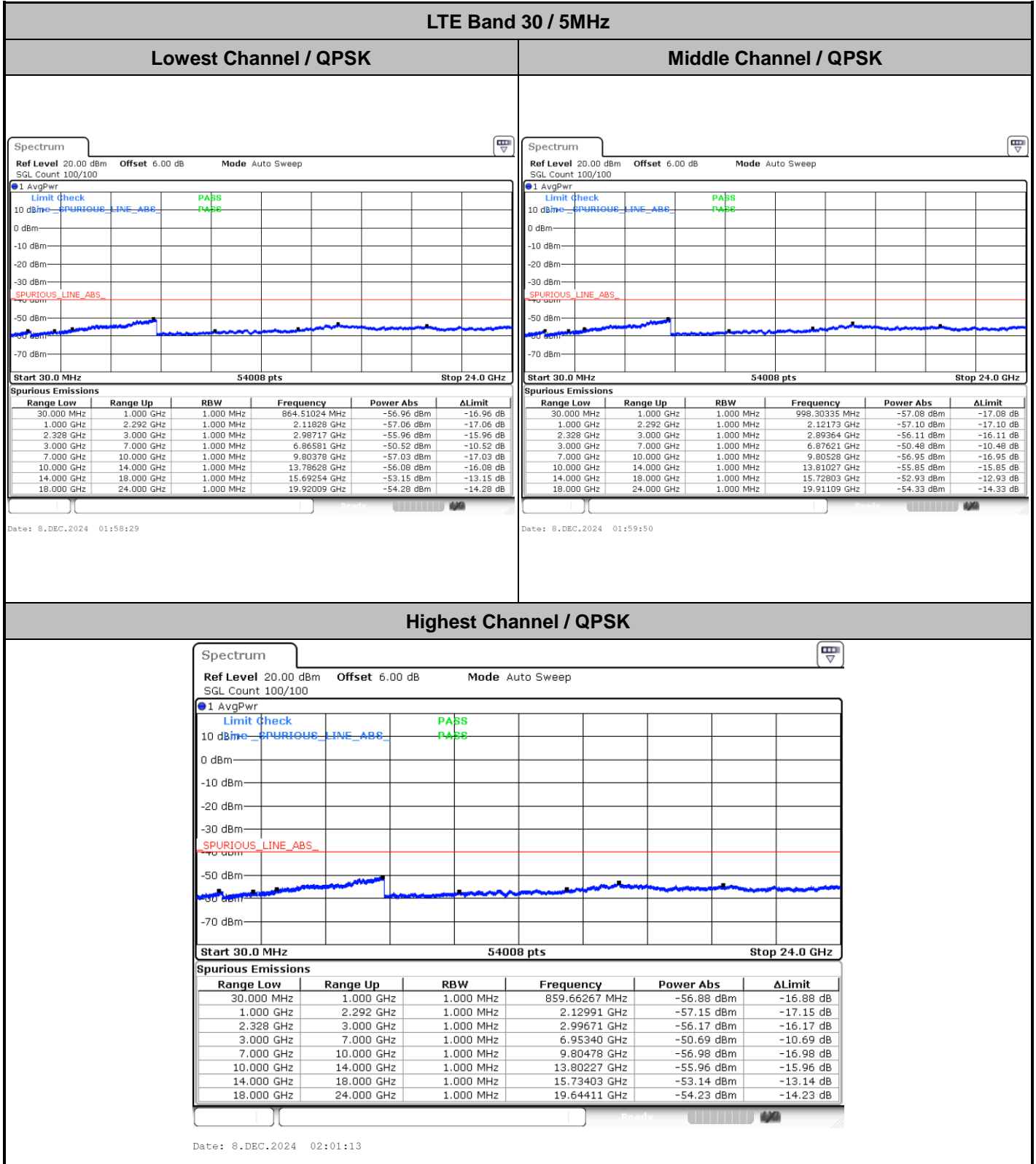


Band Edge / Full RB





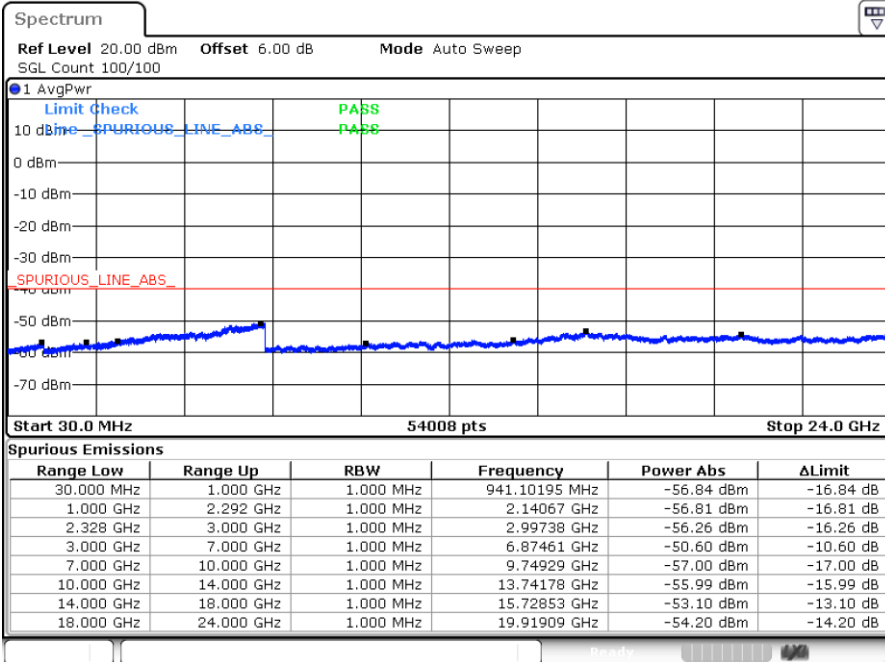
Conducted Spurious Emission





LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 8.DEC.2024 02:02:34

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 30 / 10MHz / QPSK / Ant.1 open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4616	-66.23	-40	-26.23	-73.20	1.58	10.70	H
	6912	-52.73	-40	-12.73	-60.98	2.102	12.50	H
	9222	-57.14	-40	-17.14	-66.03	2.856	13.90	H
	4616	-60.61	-40	-20.61	-67.58	1.58	10.70	V
	6912	-44.57	-40	-4.57	-52.82	2.10	12.50	V
	9222	-57.06	-40	-17.06	-65.95	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.