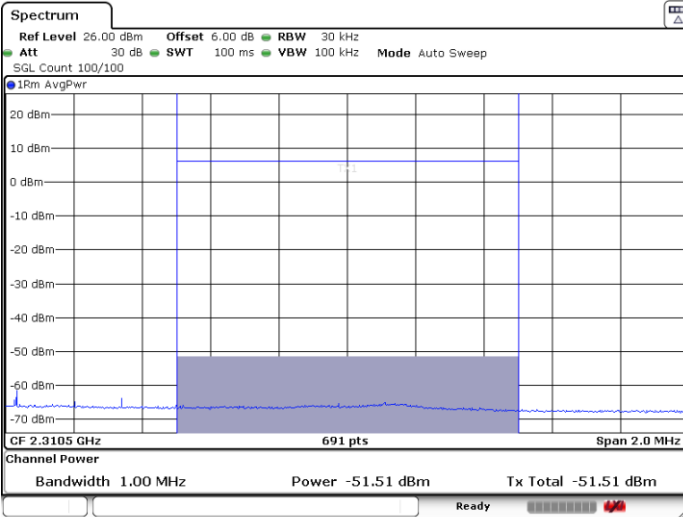


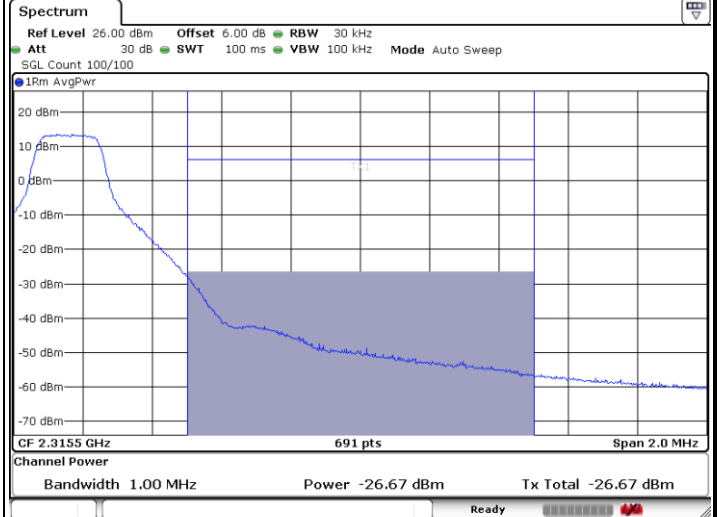


LTE Band 30 / 5MHz / 64QAM

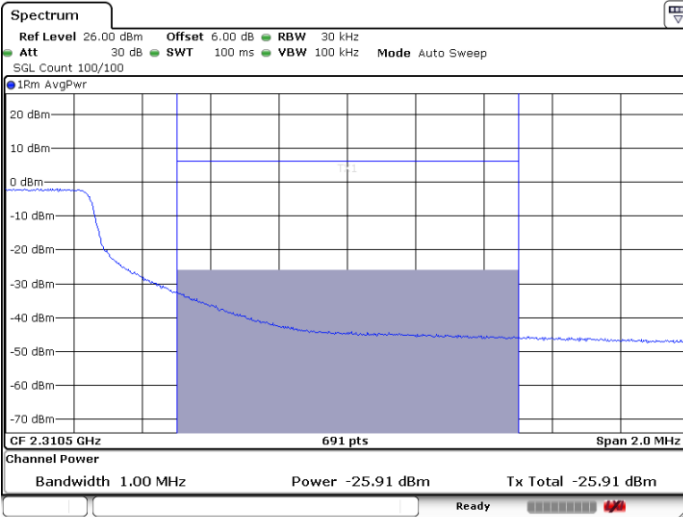
Lowest Band Edge / 1RB



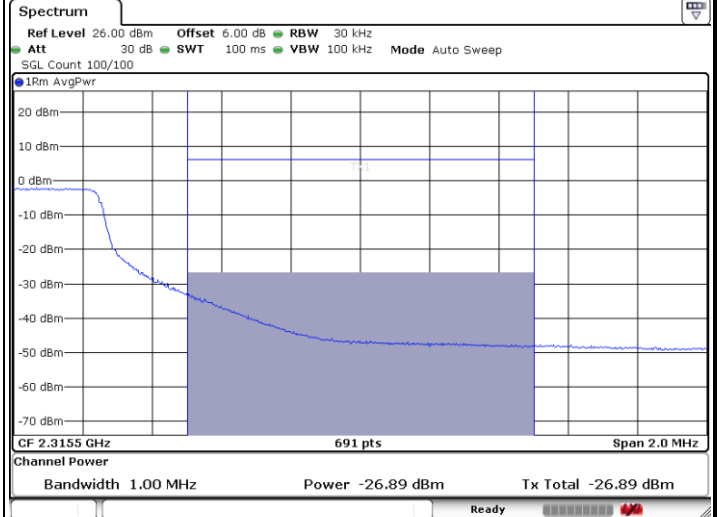
Highest Band Edge / 1 RBMAX



Lowest Band Edge / Full RB



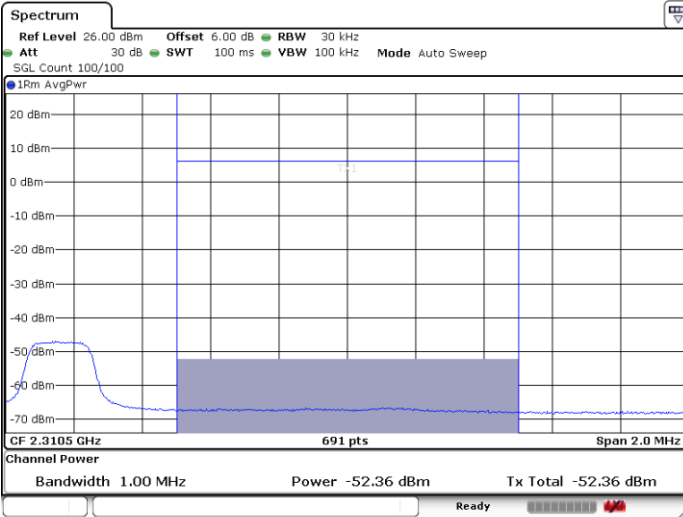
Highest Band Edge / Full RB



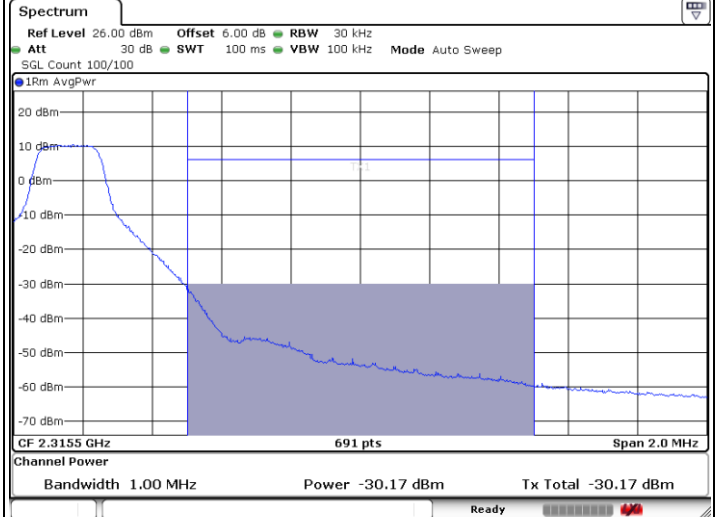


LTE Band 30 / 5MHz / 256QAM

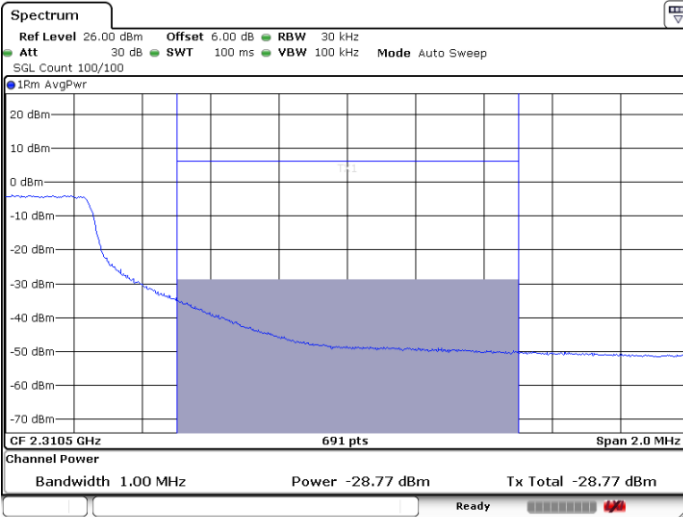
Lowest Band Edge / 1RB



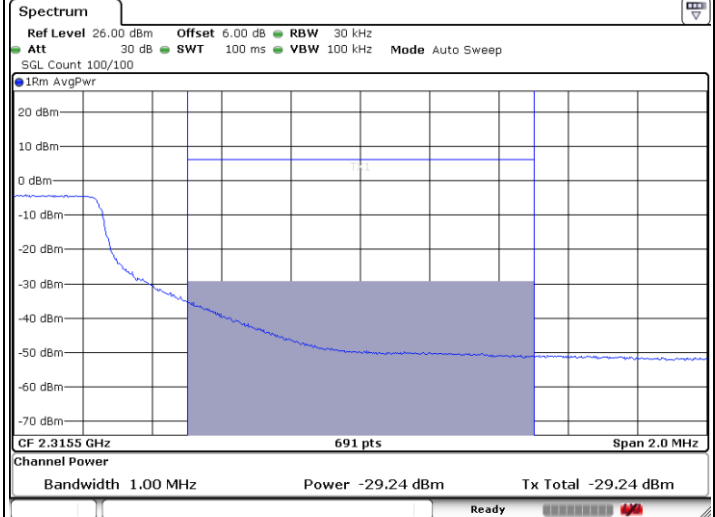
Highest Band Edge / 1 RBMAX



Lowest Band Edge / Full RB



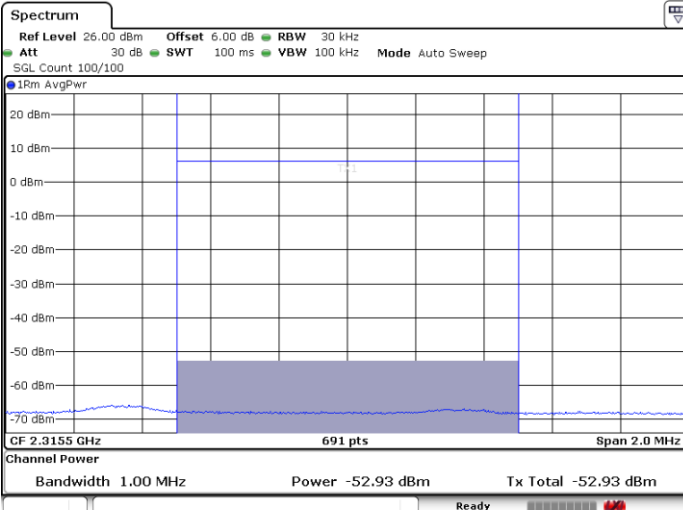
Highest Band Edge / Full RB



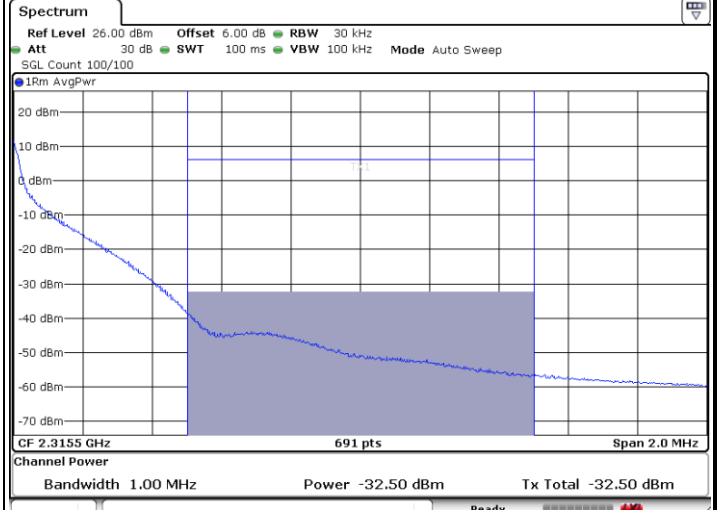


LTE Band 30 / 10MHz / QPSK

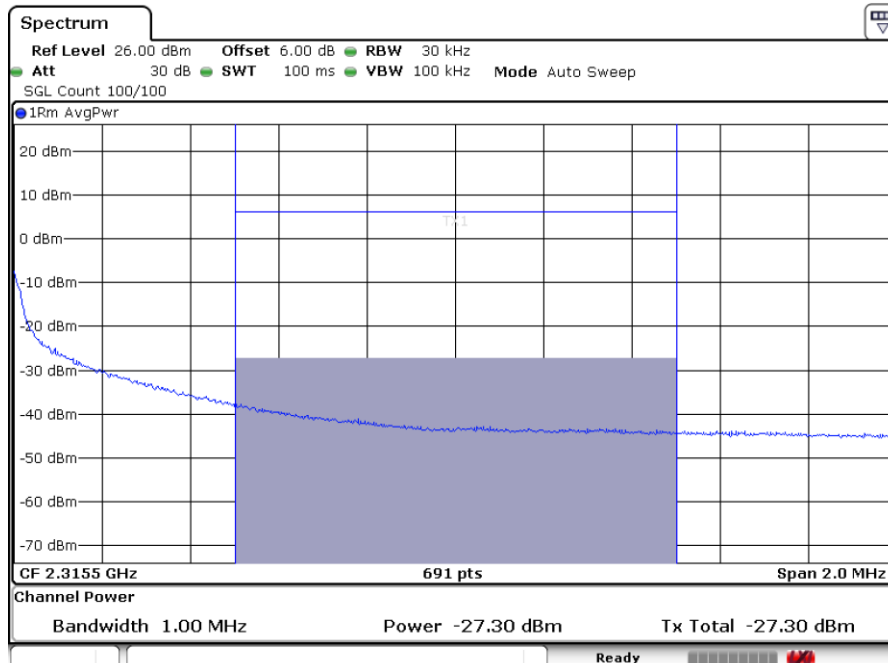
Lowest Band Edge / 1RB



Highest Band Edge / 1 RBMAX



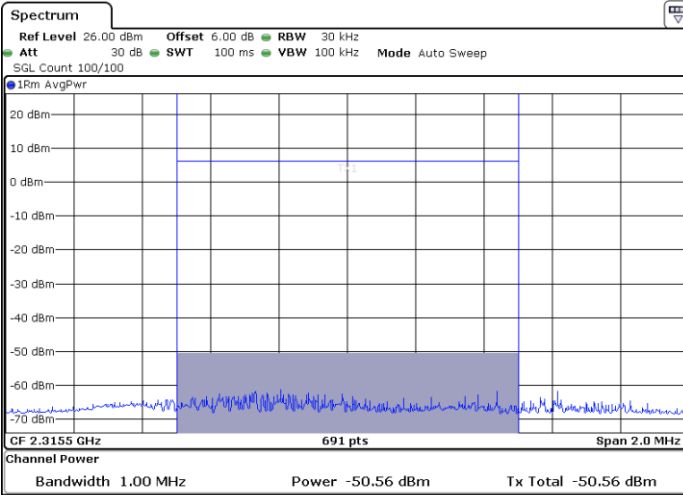
Full RB





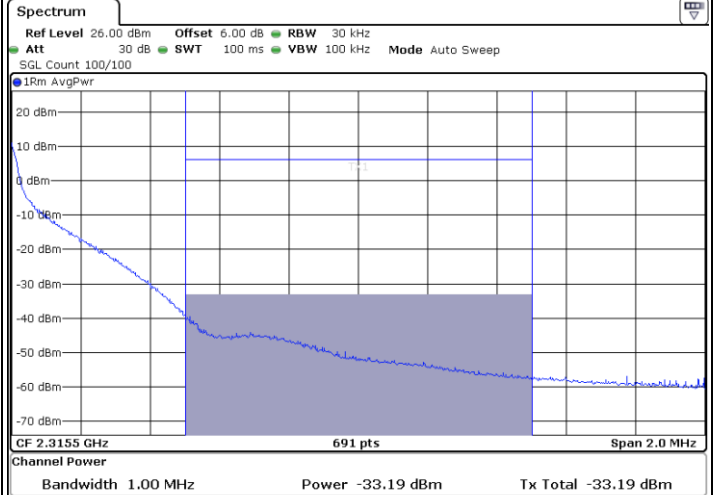
LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1RB



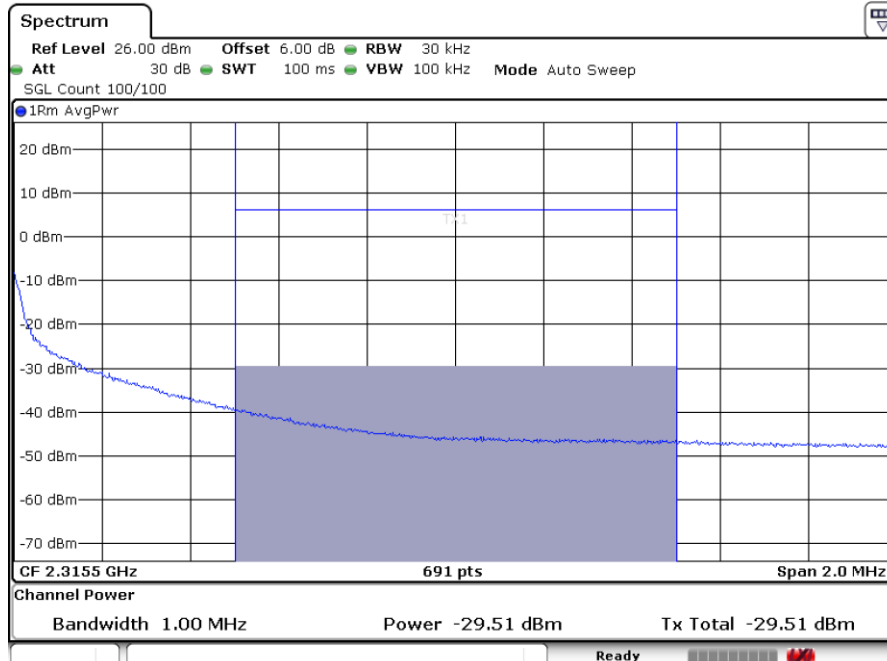
Date: 2.DEC.2024 00:16:02

Highest Band Edge / 1 RBMAX



Date: 2.DEC.2024 00:19:35

Full RB

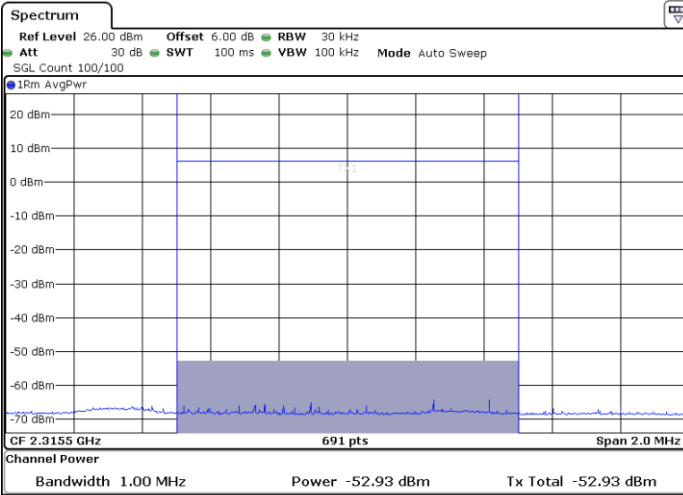


Date: 2.DEC.2024 00:30:25

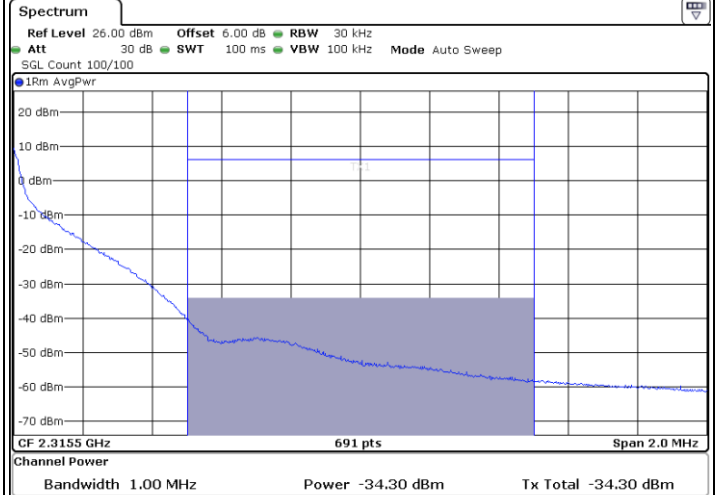


LTE Band 30 / 10MHz / 64QAM

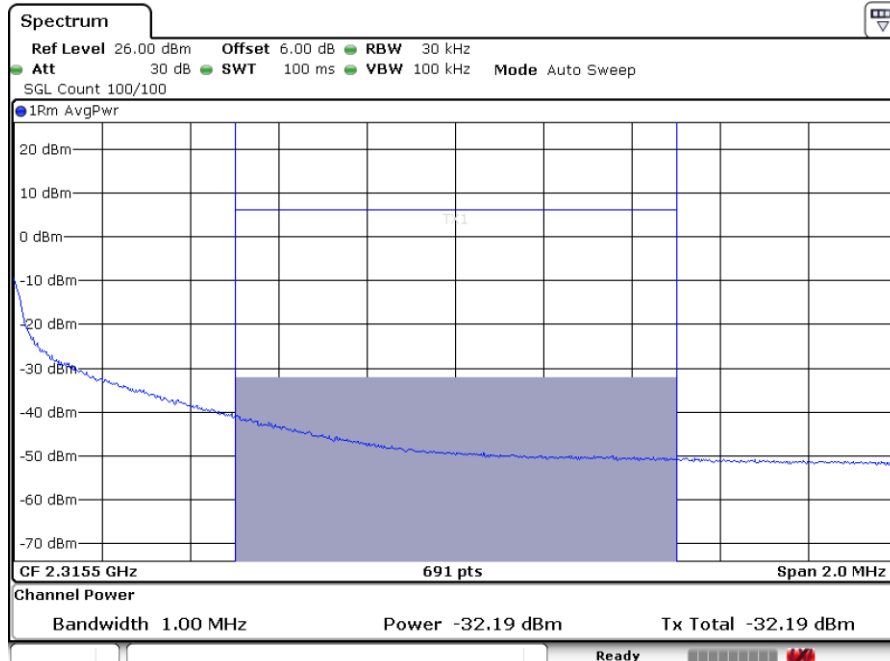
Lowest Band Edge / 1RB



Highest Band Edge / 1 RBMAX



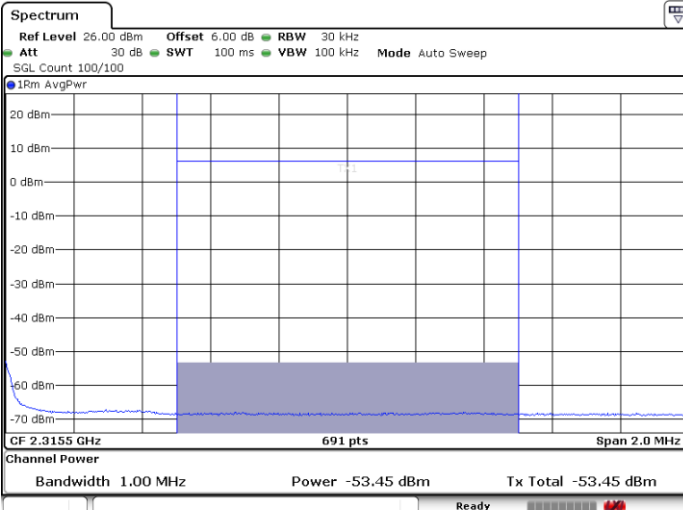
Band Edge / Full RB



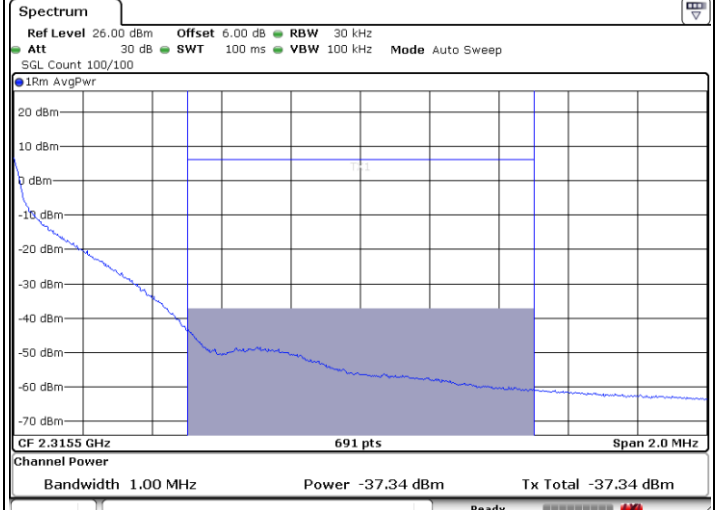


LTE Band 30 / 10MHz / 256QAM

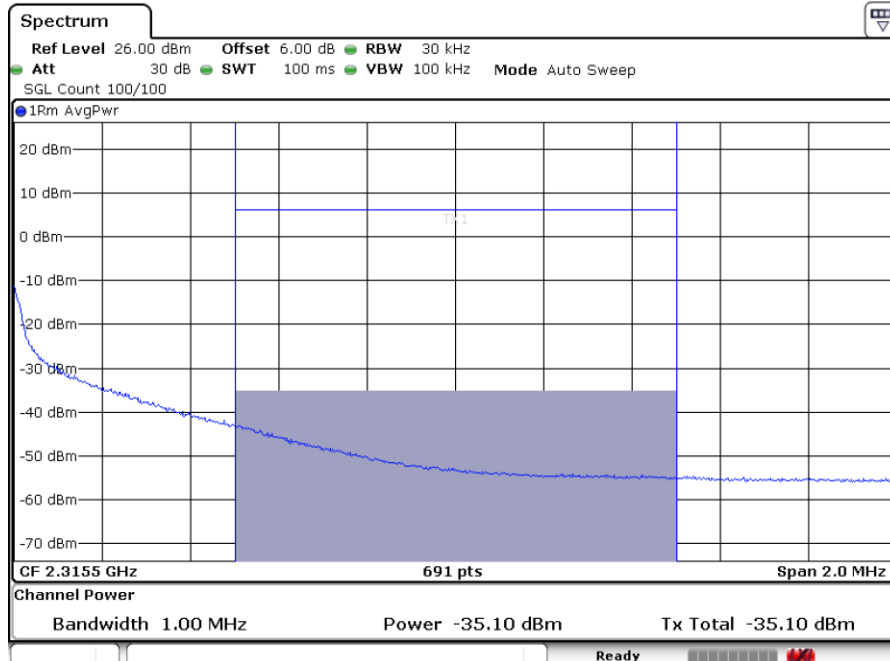
Lowest Band Edge / 1RB



Highest Band Edge / 1 RBMAX



Band Edge / Full RB

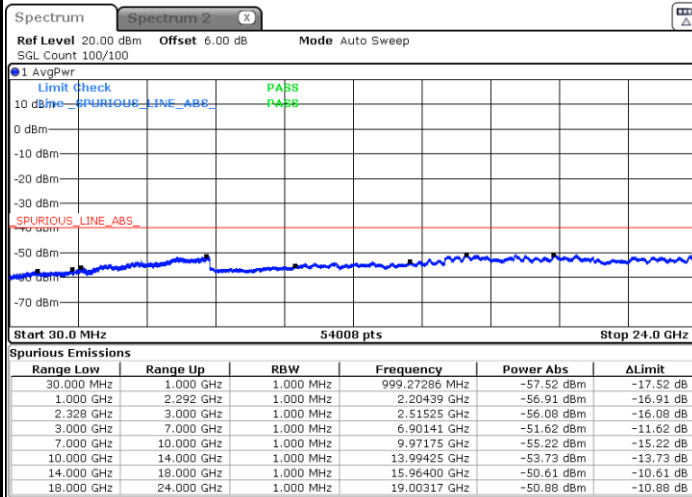




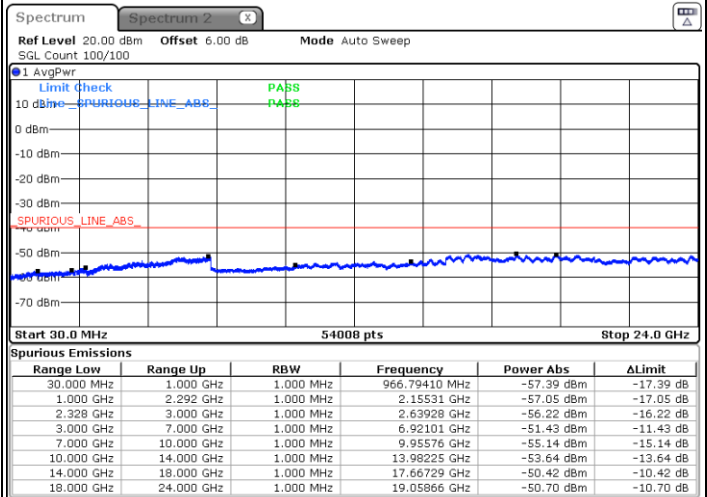
Conducted Spurious Emission

LTE Band 30 / 5MHz

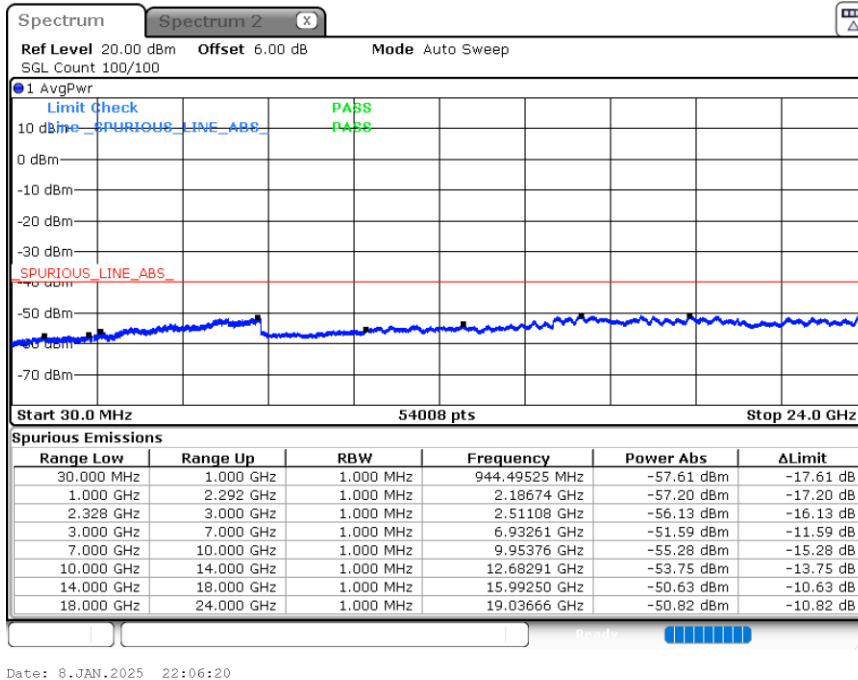
Lowest Channel / QPSK



Middle Channel / QPSK



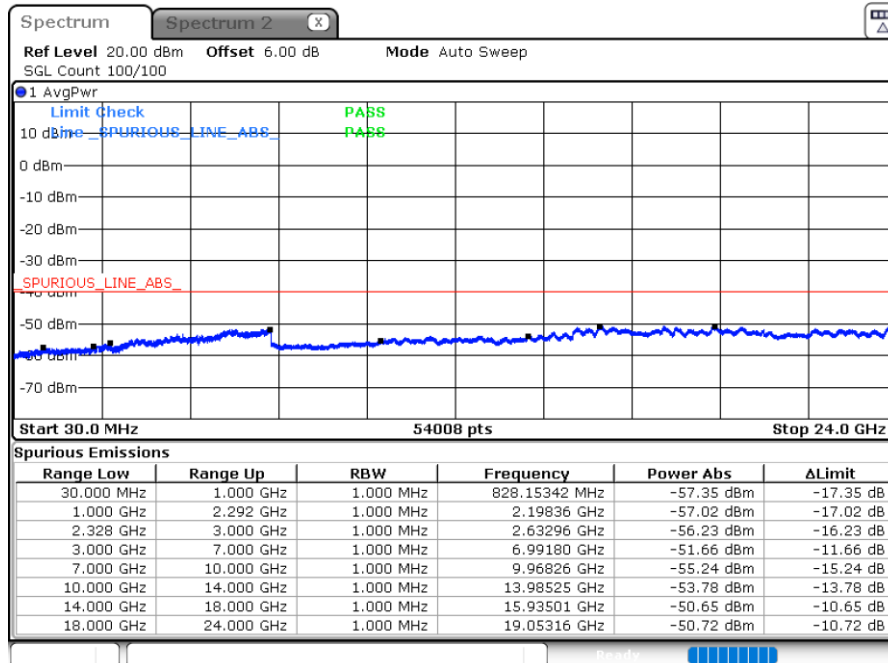
Highest Channel / QPSK





LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 8.JAN.2025 22:07:41

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	0.0018	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 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 :	Jake	Temperature :	23~25°C
		Relative Humidity :	51~53%

LTE Band 30 / 5MHz / QPSK								
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)
Lowest	4616	-61.10	-40	-21.10	-72.56	2.84	14.30	H
	6912	-61.69	-40	-21.69	-71.63	3.49	13.43	H
	9222	-60.36	-40	-20.36	-70.60	3.85	14.09	H
	4616	-60.83	-40	-20.83	-72.29	2.84	14.30	V
	6912	-61.45	-40	-21.45	-71.39	3.49	13.43	V
	9222	-60.69	-40	-20.69	-70.93	3.85	14.09	V
Middle	4616	-61.31	-40	-21.31	-72.77	2.84	14.30	H
	6926	-61.50	-40	-21.50	-71.44	3.49	13.43	H
	9236	-60.62	-40	-20.62	-70.86	3.85	14.09	H
	4616	-60.93	-40	-20.93	-72.39	2.84	14.30	V
	6926	-61.75	-40	-21.75	-71.69	3.49	13.43	V
	9236	-60.82	-40	-20.82	-71.06	3.85	14.09	V
Highest	4714	-62.01	-40	-22.01	-73.47	2.84	14.30	H
	7066	-61.12	-40	-21.12	-71.06	3.49	13.43	H
	9418	-60.23	-40	-20.23	-70.47	3.85	14.09	H
	4714	-61.47	-40	-21.47	-72.93	2.84	14.30	V
	7066	-61.12	-40	-21.12	-71.06	3.49	13.43	V
	9418	-60.23	-40	-20.23	-70.47	3.85	14.09	V

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

LTE Band 30 / 10MHz / QPSK								
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	-60.63	-40	-20.63	-72.09	2.84	14.30	H
	6912	-61.40	-40	-21.40	-71.34	3.49	13.43	H
	9222	-60.14	-40	-20.14	-70.08	3.49	13.43	H
	4616	-60.80	-40	-20.80	-72.26	2.84	14.30	V
	6912	-61.44	-40	-21.44	-71.38	3.49	13.43	V
	9222	-60.52	-40	-20.52	-70.46	3.49	13.43	V

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