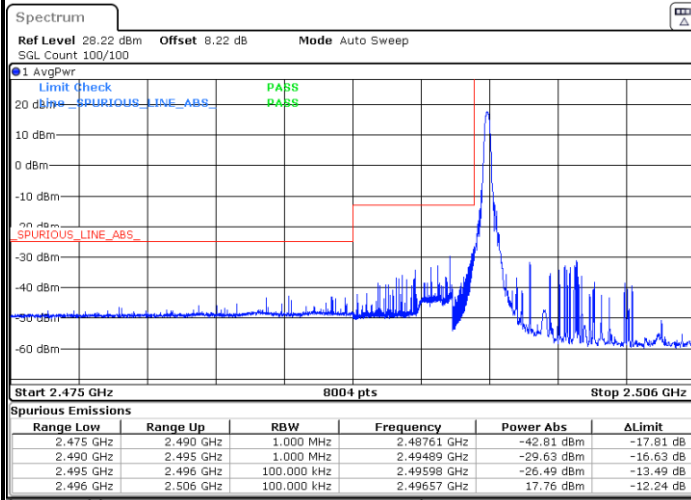


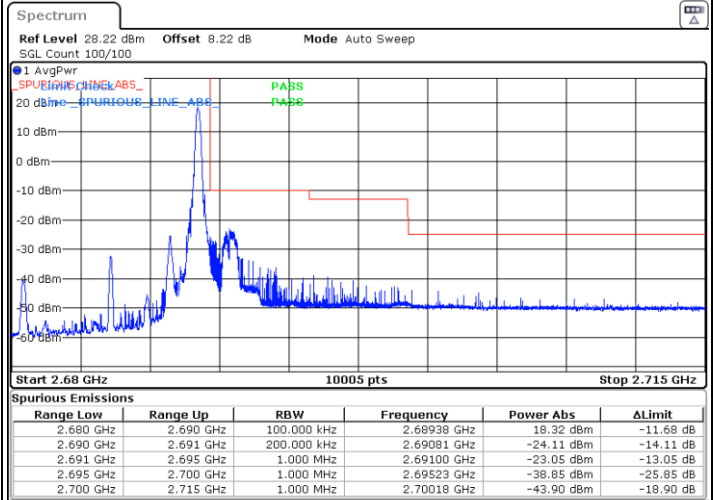


LTE Band 41 / 10MHz / 64QAM

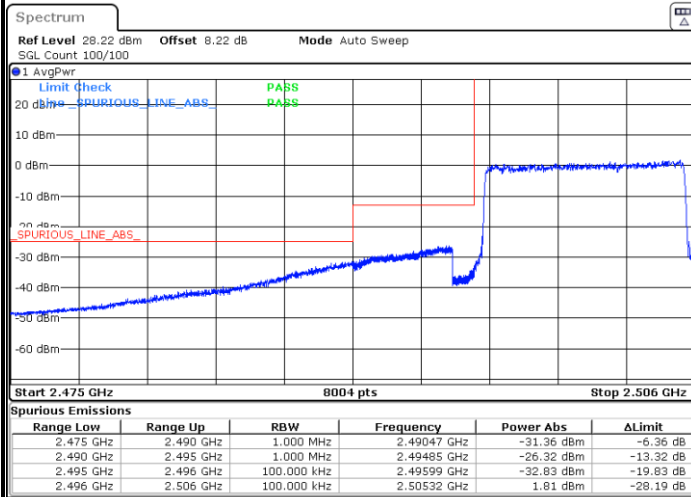
Lowest Band Edge / 1 RB



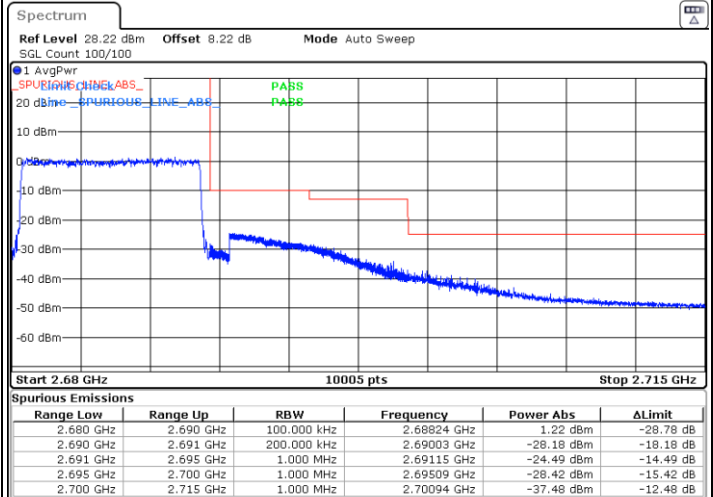
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



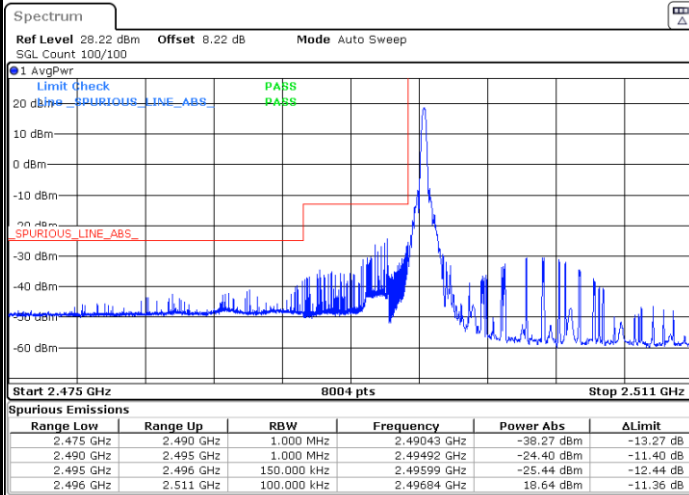
Highest Band Edge / Full RB



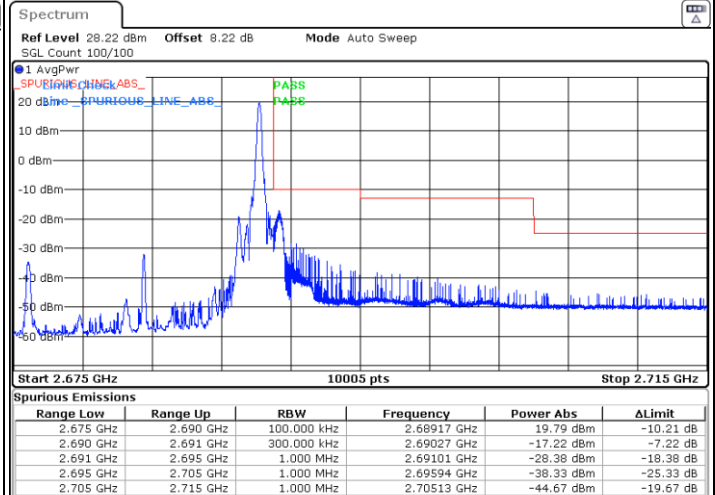


LTE Band 41 / 15MHz / QPSK

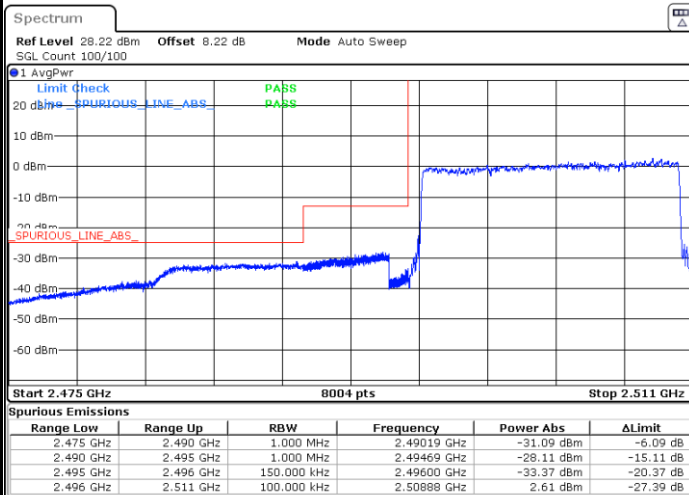
Lowest Band Edge / 1 RB



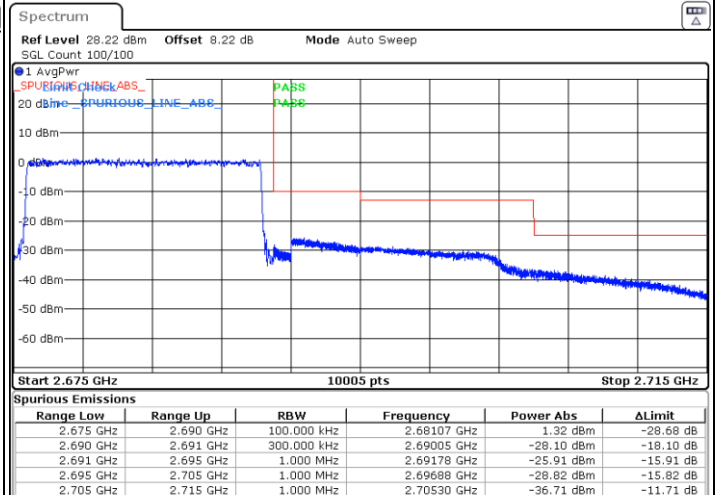
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



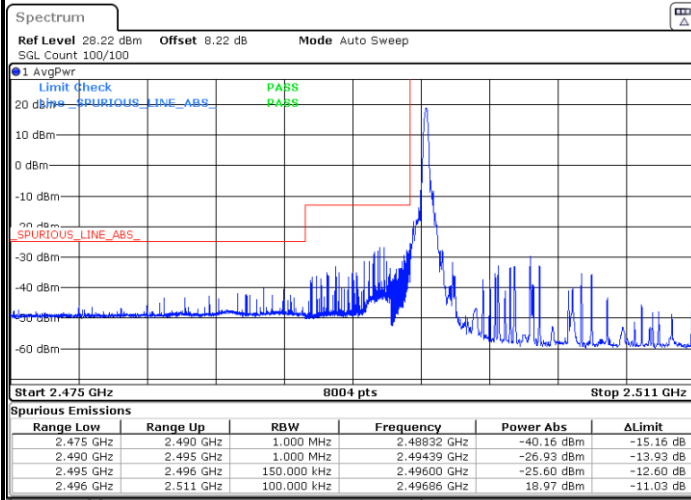
Highest Band Edge / Full RB



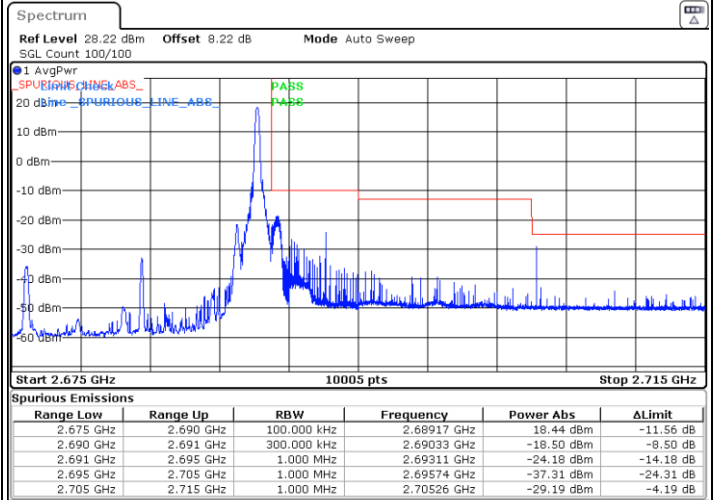


LTE Band 41 / 15MHz / 16QAM

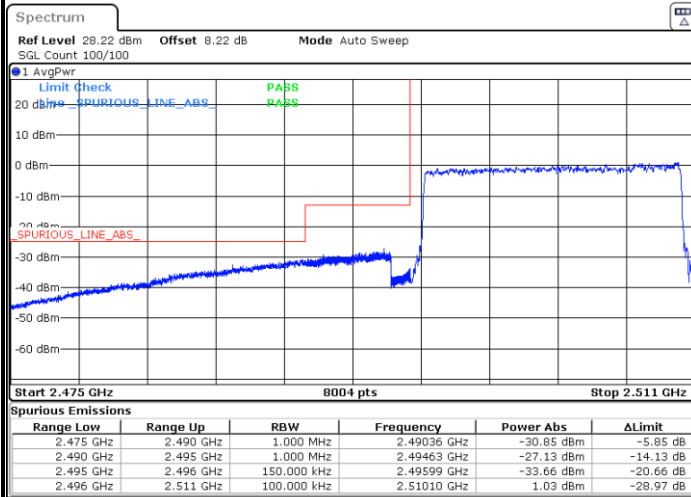
Lowest Band Edge / 1 RB



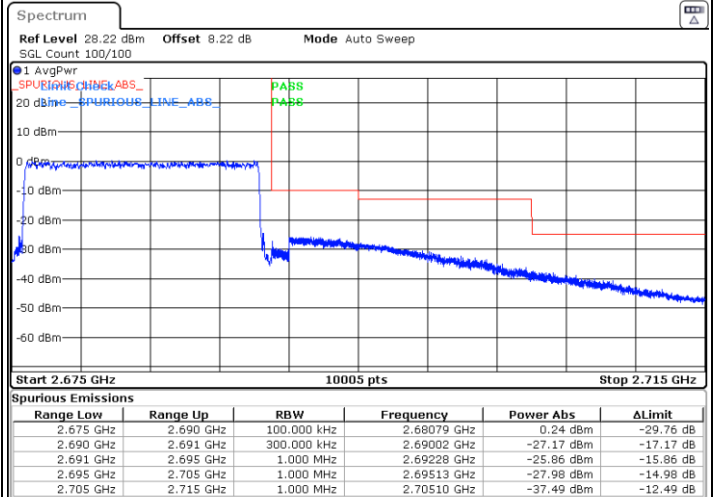
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



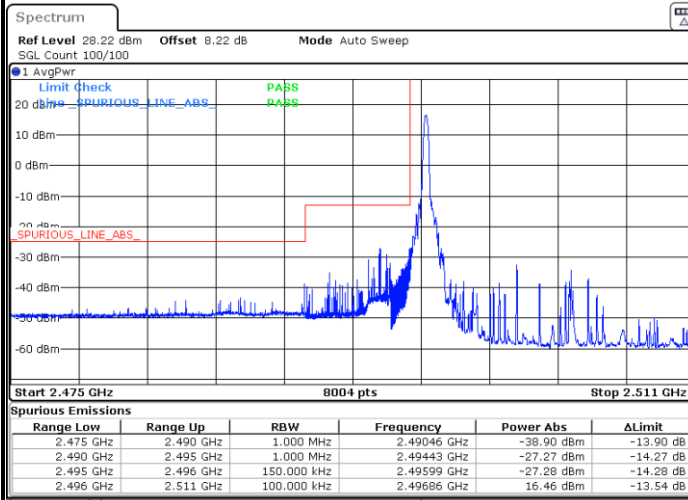
Highest Band Edge / Full RB



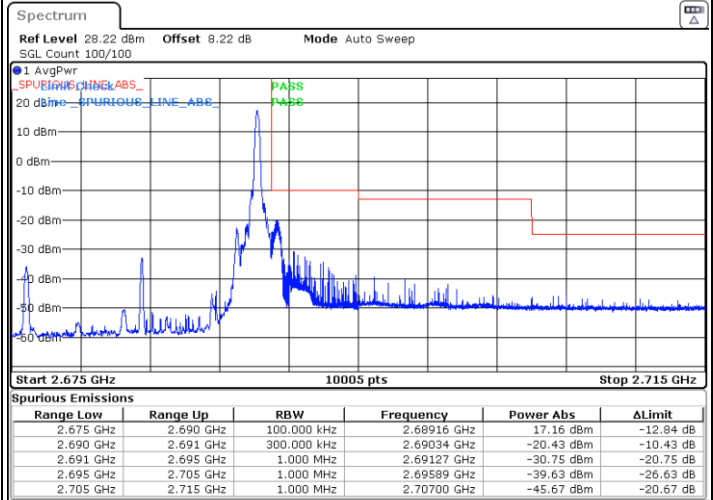


LTE Band 41 / 15MHz / 64QAM

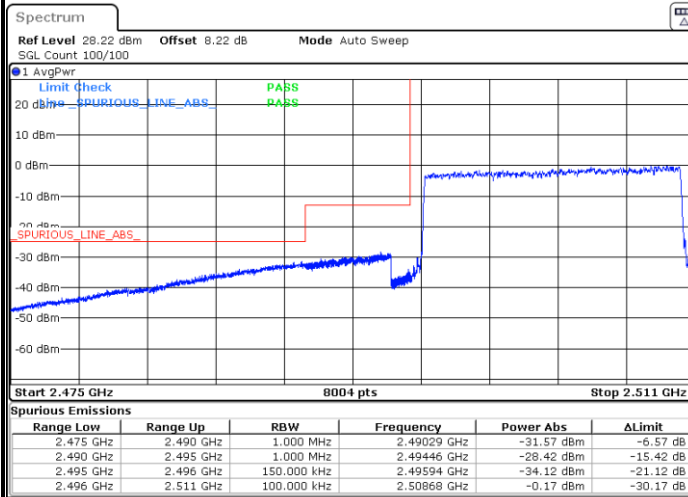
Lowest Band Edge / 1 RB



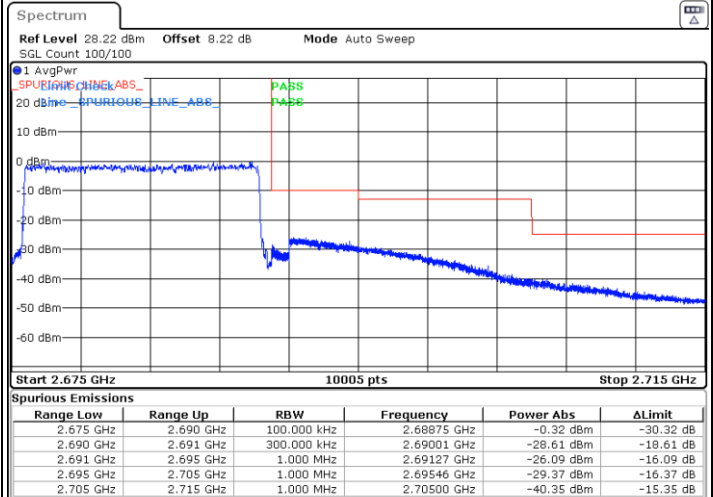
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



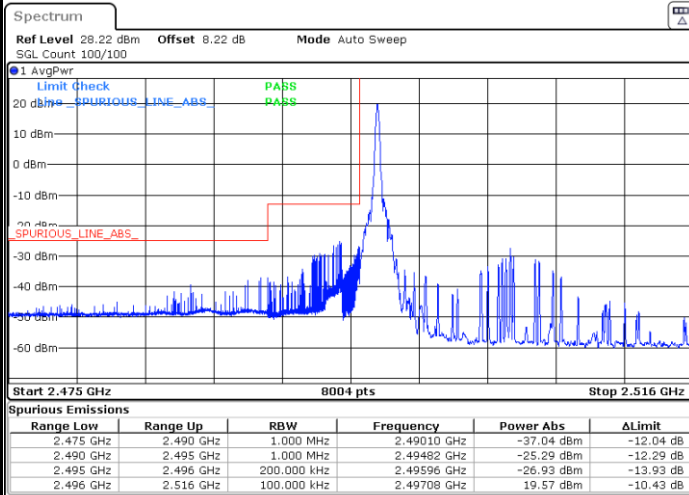
Highest Band Edge / Full RB



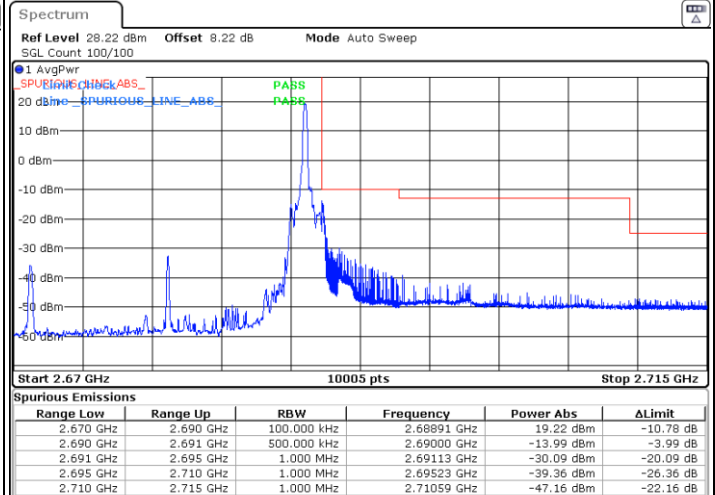


LTE Band 41 / 20MHz / QPSK

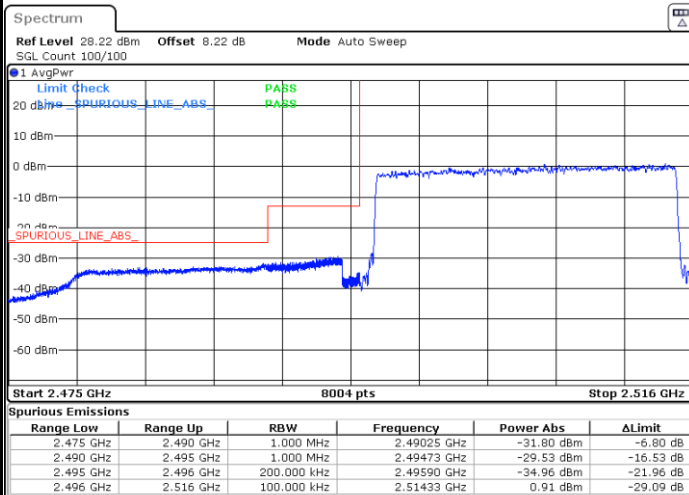
Lowest Band Edge / 1 RB



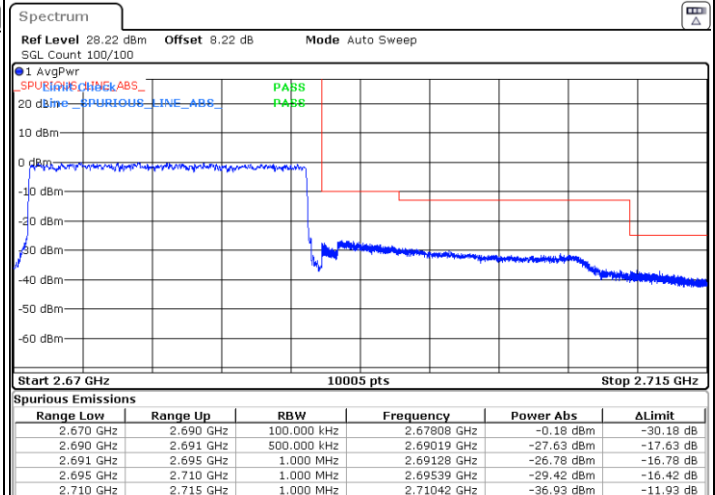
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



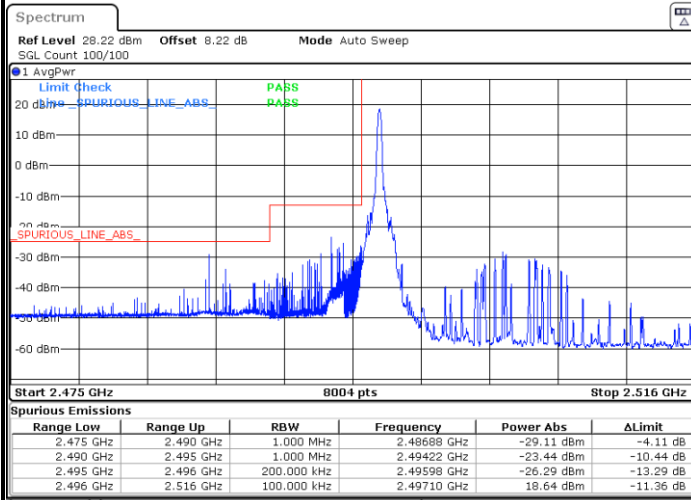
Highest Band Edge / Full RB



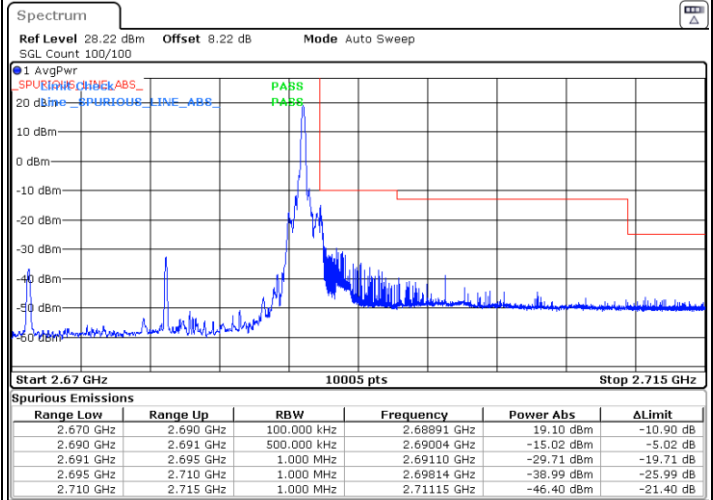


LTE Band 41 / 20MHz / 16QAM

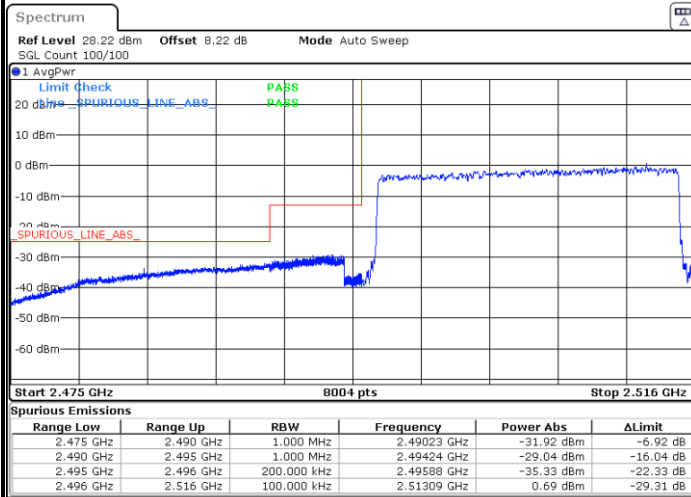
Lowest Band Edge / 1 RB



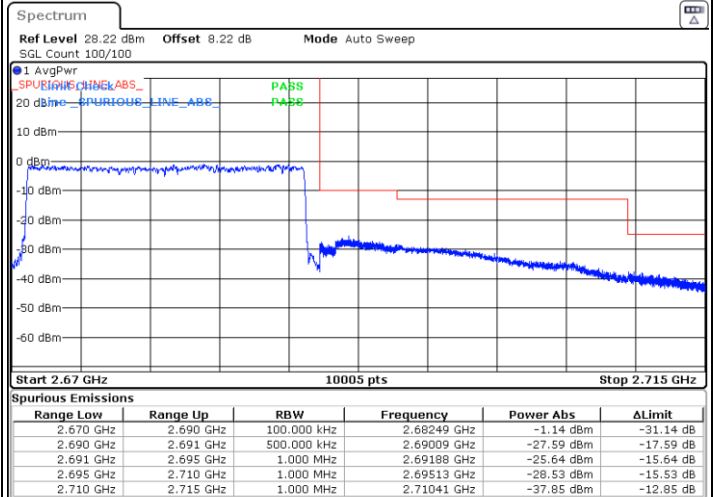
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



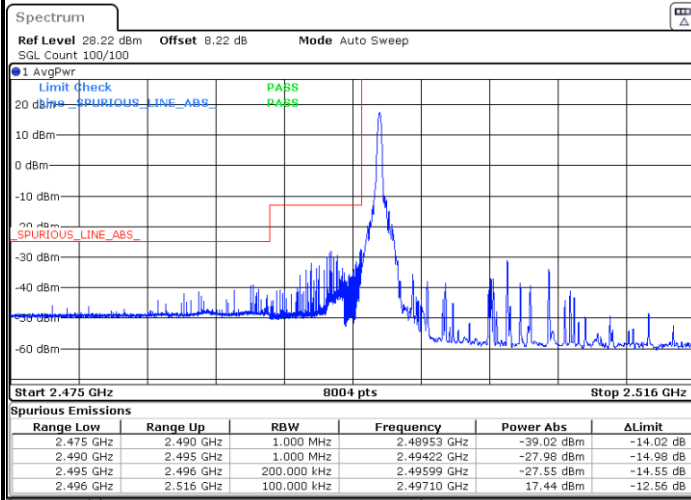
Highest Band Edge / Full RB



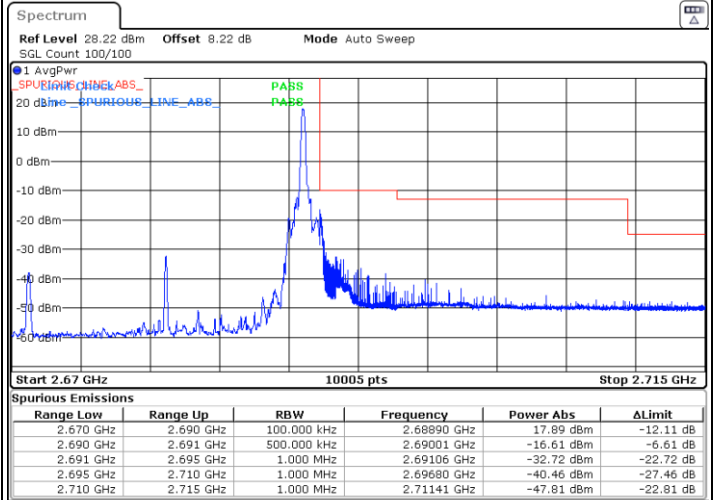


LTE Band 41 / 20MHz / 64QAM

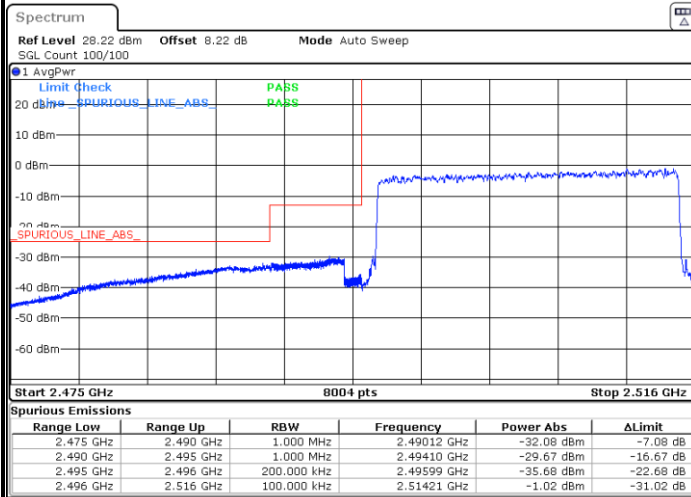
Lowest Band Edge / 1 RB



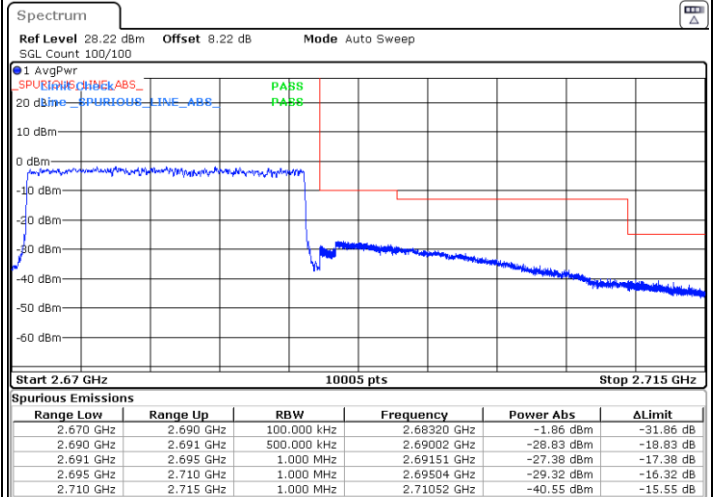
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

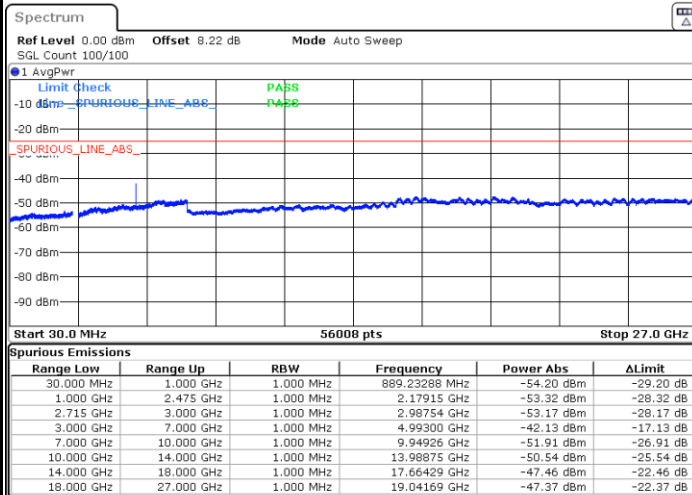




Conducted Spurious Emission

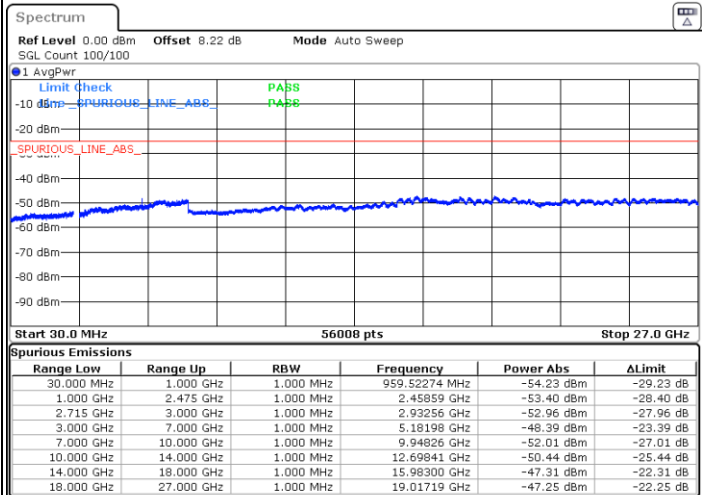
LTE Band 41 / 5MHz

Lowest Channel / QPSK



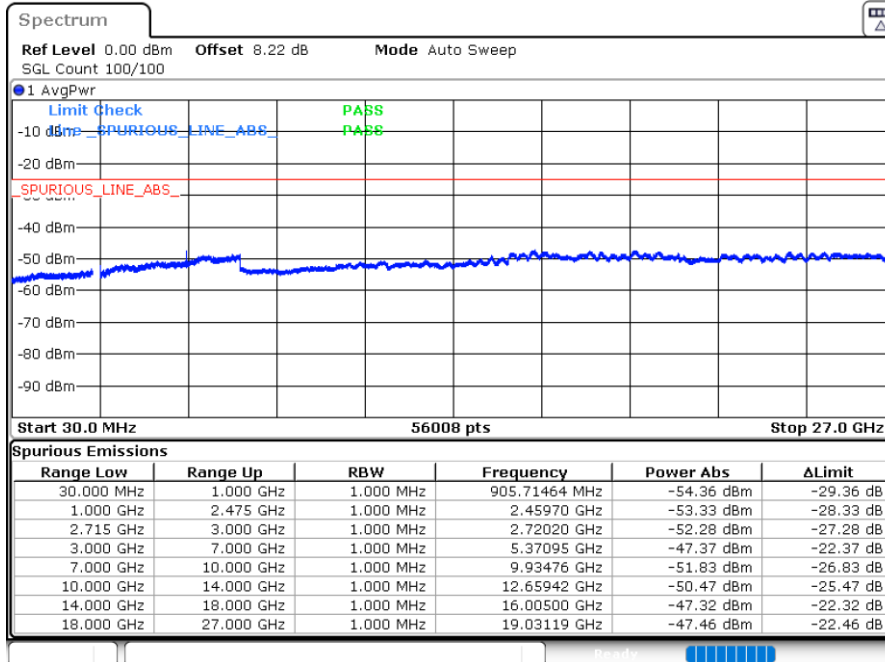
Date: 3.OCT.2024 20:06:25

Middle Channel / QPSK



Date: 3.OCT.2024 20:07:33

Highest Channel / QPSK



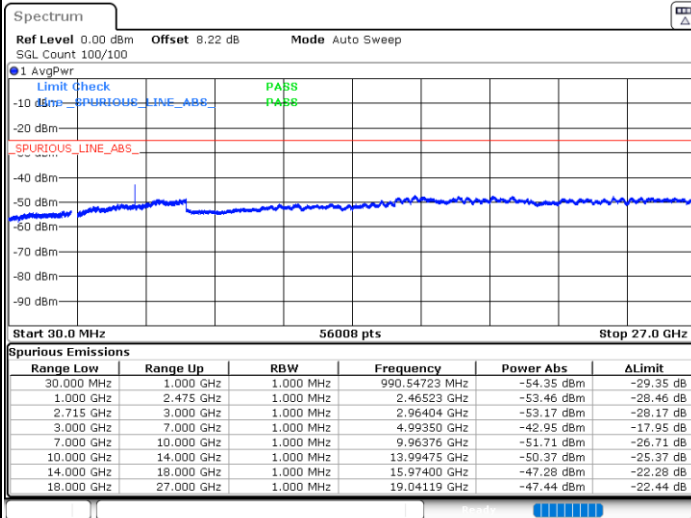
Date: 3.OCT.2024 20:11:51



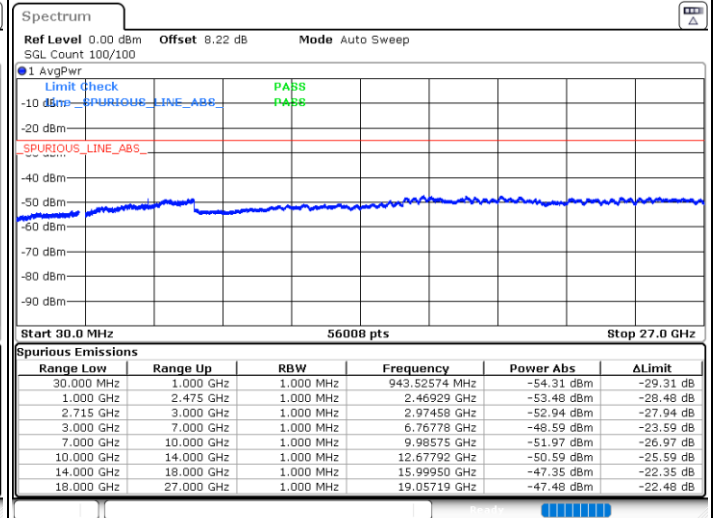
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

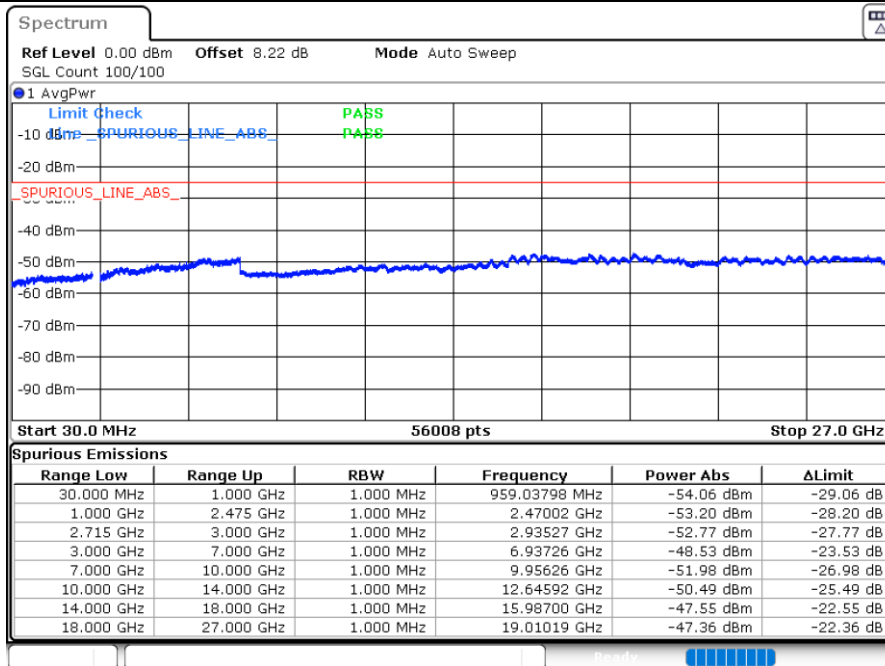


Date: 3.OCT.2024 20:13:02



Date: 3.OCT.2024 20:14:11

Highest Channel / QPSK

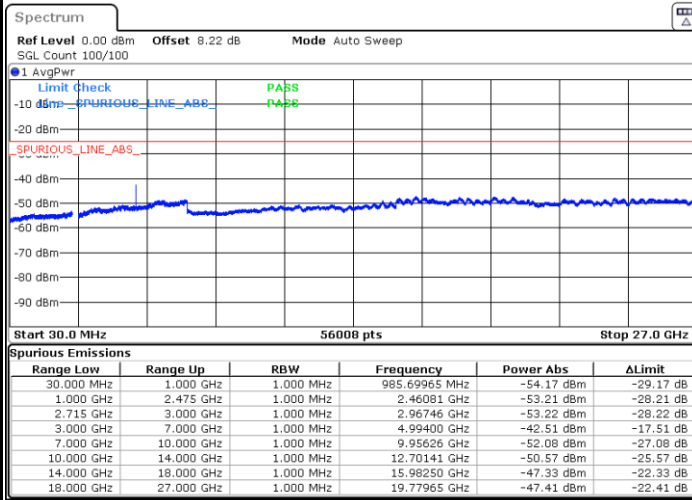


Date: 3.OCT.2024 20:15:18



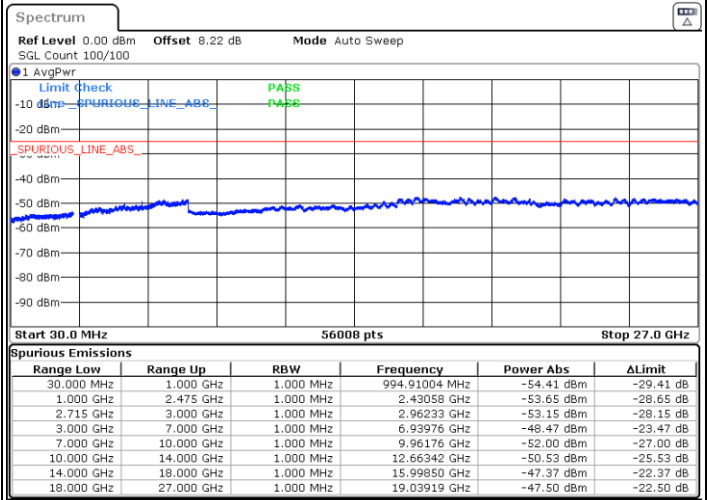
LTE Band 41 / 15MHz

Lowest Channel / QPSK



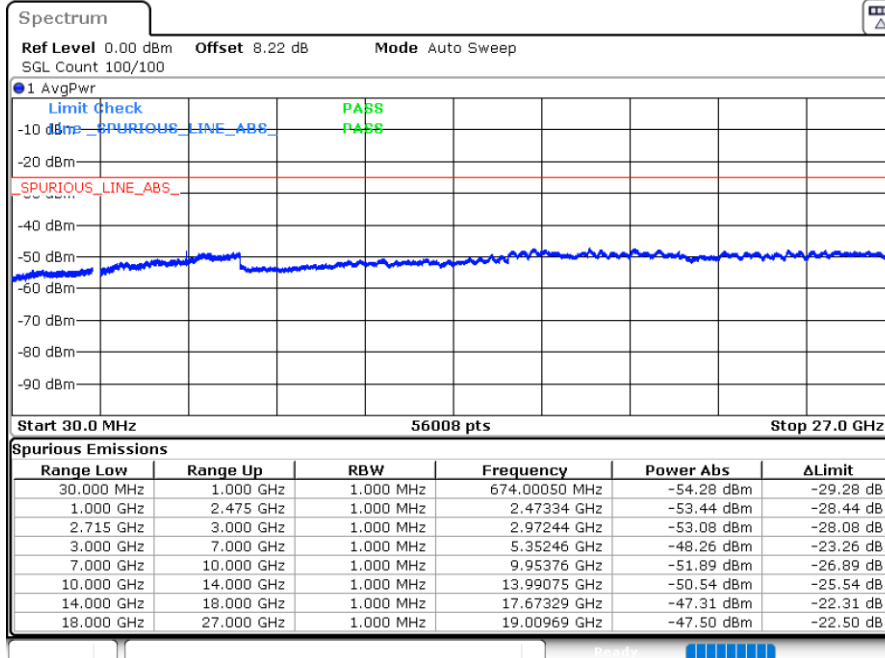
Date: 3.OCT.2024 20:16:29

Middle Channel / QPSK



Date: 3.OCT.2024 20:17:37

Highest Channel / QPSK

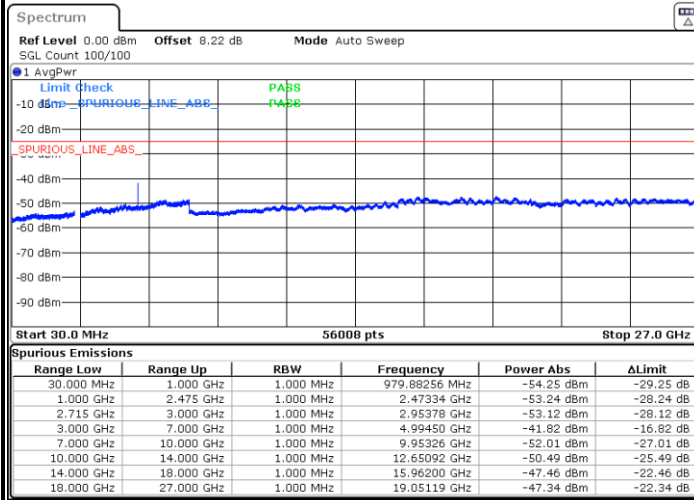


Date: 3.OCT.2024 20:18:44



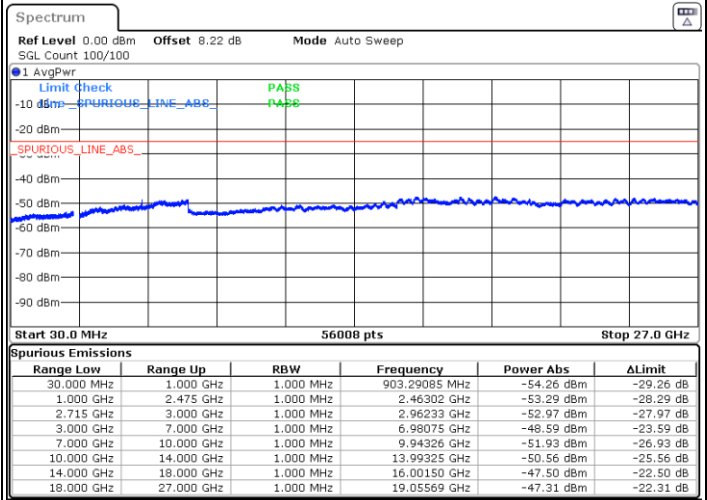
LTE Band 41 / 20MHz

Lowest Channel / QPSK



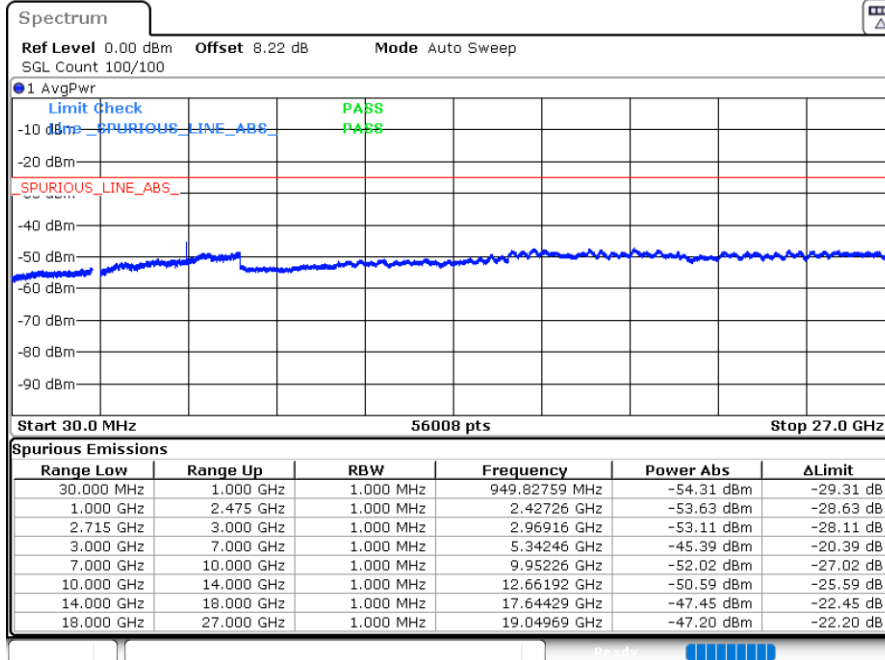
Date: 3.OCT.2024 20:20:45

Middle Channel / QPSK



Date: 3.OCT.2024 20:22:07

Highest Channel / QPSK



Date: 3.OCT.2024 20:23:15

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.40 V. ; Maximum Voltage =4.48V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Simle Wang	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

For Sample 1:

LTE Band 5 / 10MHz / QPSK / Ant.4								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-64.00	-13	-51.00	-70.97	1.58	10.70	H
	2496.27	-60.10	-13	-47.10	-68.35	2.102	12.50	H
	3328	-60.02	-13	-47.02	-68.91	2.856	13.90	H
	1664.18	-63.45	-13	-50.45	-70.42	1.58	10.70	V
	2496.36	-58.75	-13	-45.75	-67.00	2.10	12.50	V
	3328	-59.85	-13	-46.85	-68.74	2.86	13.90	V

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

LTE Band 12 / 10MHz / QPSK / Ant.4								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-66.90	-13	-53.90	-73.87	1.58	10.70	H
	2109	-62.25	-13	-49.25	-70.50	2.102	12.50	H
	2812	-59.15	-13	-46.15	-68.04	2.856	13.90	H
	1408	-66.86	-13	-53.86	-73.83	1.58	10.70	V
	2109.27	-61.28	-13	-48.28	-69.53	2.10	12.50	V
	2812.36	-57.97	-13	-44.97	-66.86	2.86	13.90	V

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

LTE Band 41 / 20MHz / QPSK / Ant.1								
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	5162	-58.52	-25	-33.52	-68.73	3.03	13.24	H
	7752	-52.86	-25	-27.86	-62.31	3.56	13.01	H
	10342	-43.21	-25	-18.21	-52.73	3.92	13.44	H
	12918	-40.80	-25	-15.80	-50.72	4.44	14.36	H
	15508	-50.16	-25	-25.16	-60.53	4.77	15.14	H
	5162	-59.40	-25	-34.40	-69.61	3.03	13.24	V
	7752	-55.83	-25	-30.83	-65.28	3.56	13.01	V
	10342	-50.32	-25	-25.32	-59.84	3.92	13.44	V
	12918	-49.07	-25	-24.07	-58.99	4.44	14.36	V
	15508	-53.84	-25	-28.84	-64.21	4.77	15.14	V

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

For Sample 2:

LTE Band 41 / 20MHz / QPSK / Ant.1								
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	5162	-50.71	-25	-25.71	-60.92	3.03	13.24	H
	7752	-50.54	-25	-25.54	-59.99	3.56	13.01	H
	10336	-43.82	-25	-18.82	-53.34	3.92	13.44	H
	12918	-38.58	-25	-13.58	-48.50	4.44	14.36	H
	15508	-50.54	-25	-25.54	-60.91	4.77	15.14	H
	5162	-55.86	-25	-30.86	-66.07	3.03	13.24	V
	7752	-52.45	-25	-27.45	-61.90	3.56	13.01	V
	10336	-51.82	-25	-26.82	-61.34	3.92	13.44	V
	12918	-46.74	-25	-21.74	-56.66	4.44	14.36	V
	15508	-53.74	-25	-28.74	-64.11	4.77	15.14	V

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