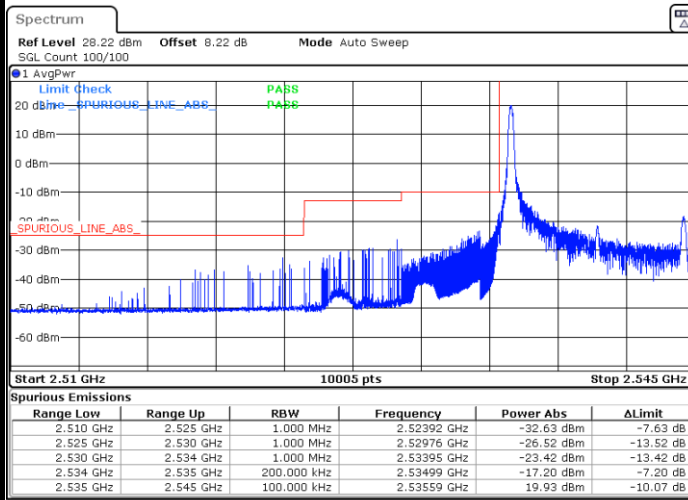


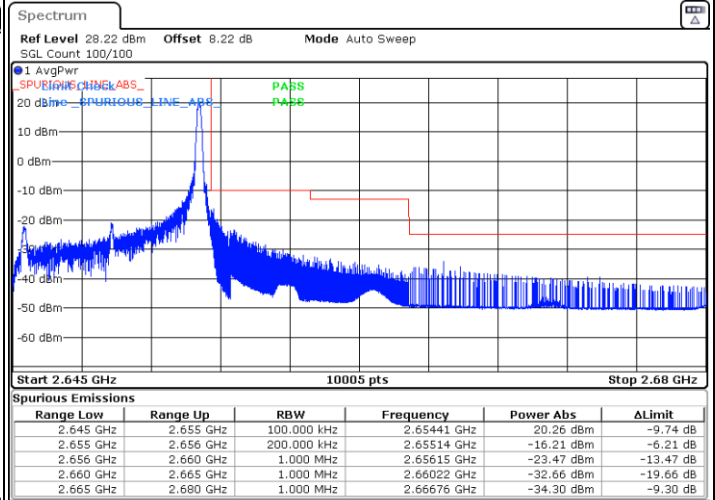


LTE Band 41 / 10MHz / 16QAM

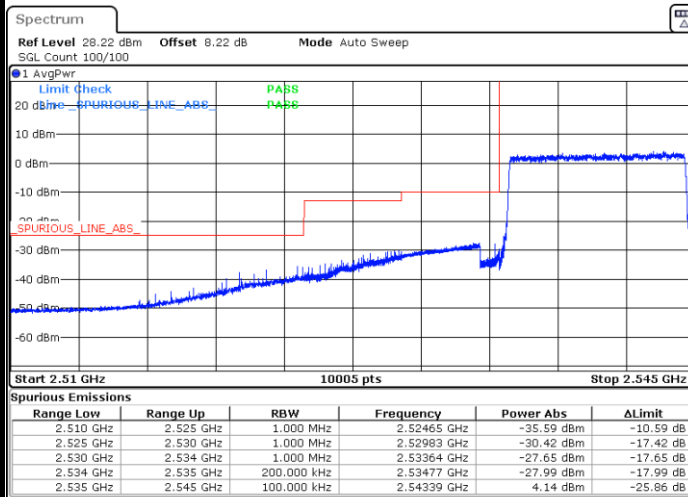
Lowest Band Edge / 1 RB



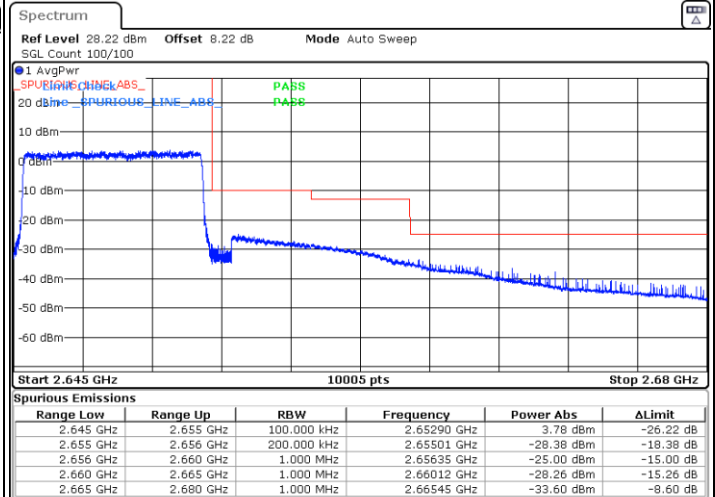
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



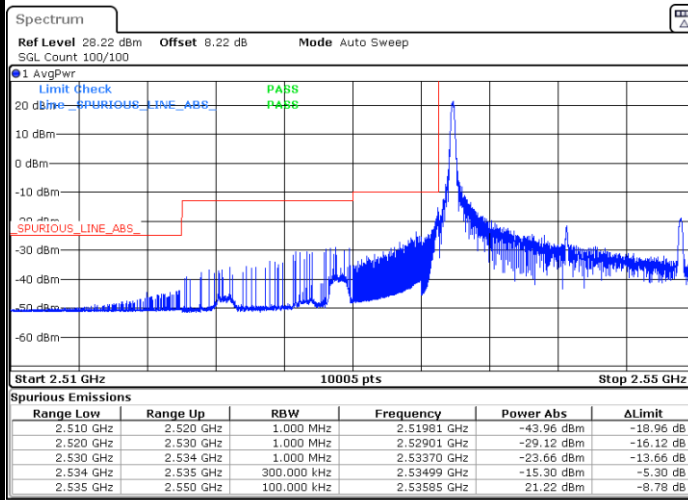
Highest Band Edge / Full RB



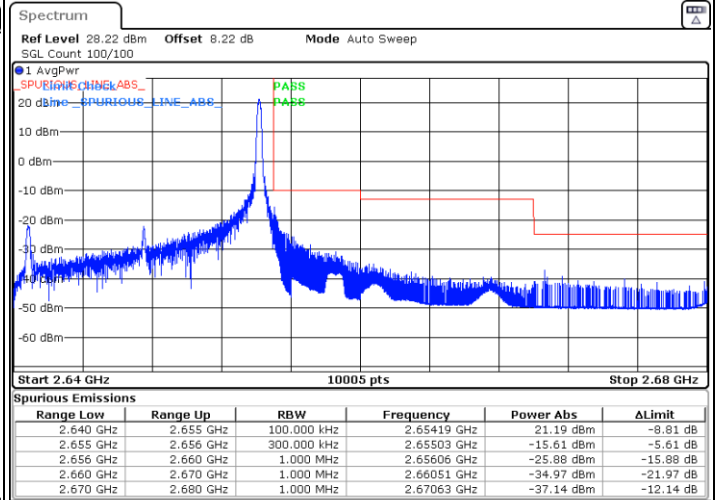


LTE Band 41 / 15MHz / QPSK

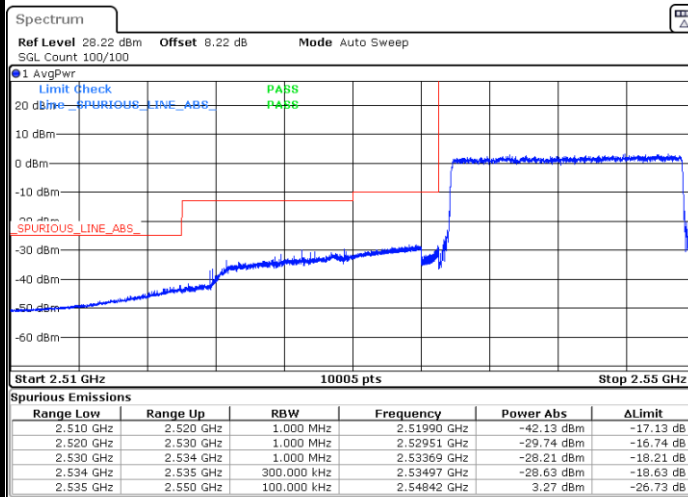
Lowest Band Edge / 1 RB



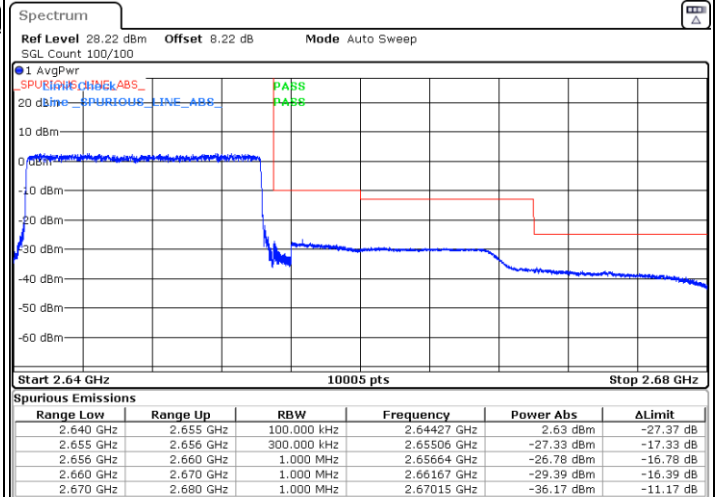
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



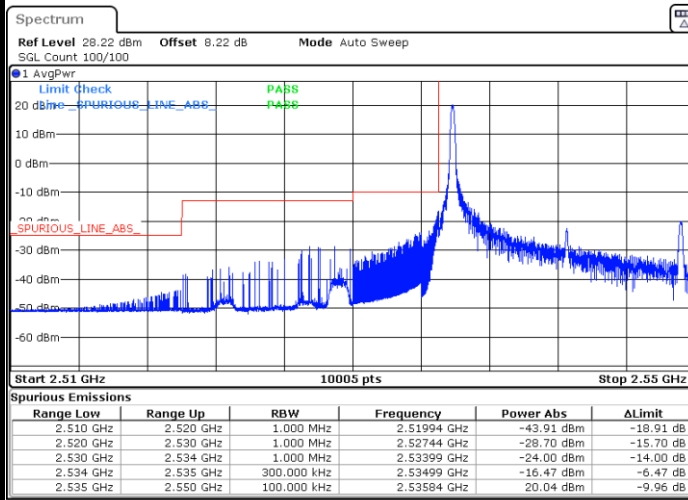
Highest Band Edge / Full RB



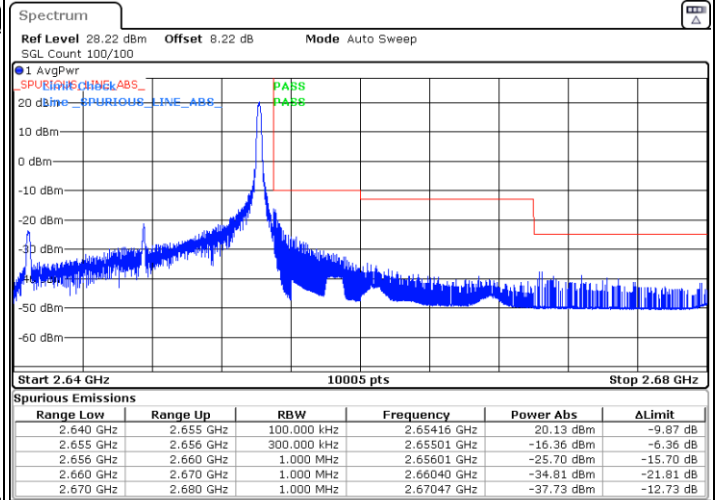


LTE Band 41 / 15MHz / 16QAM

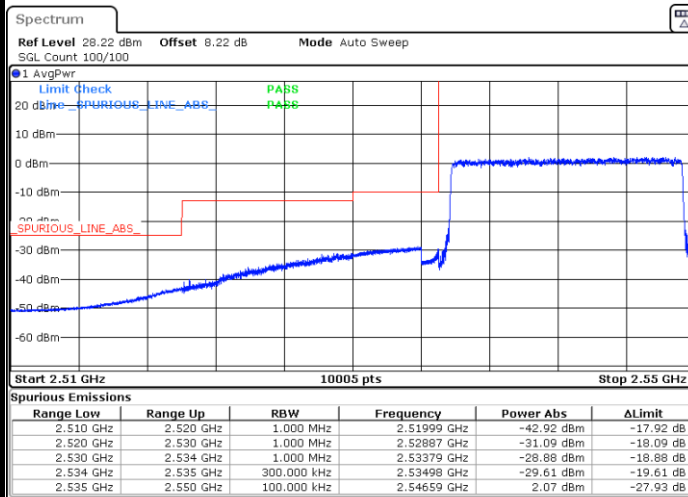
Lowest Band Edge / 1 RB



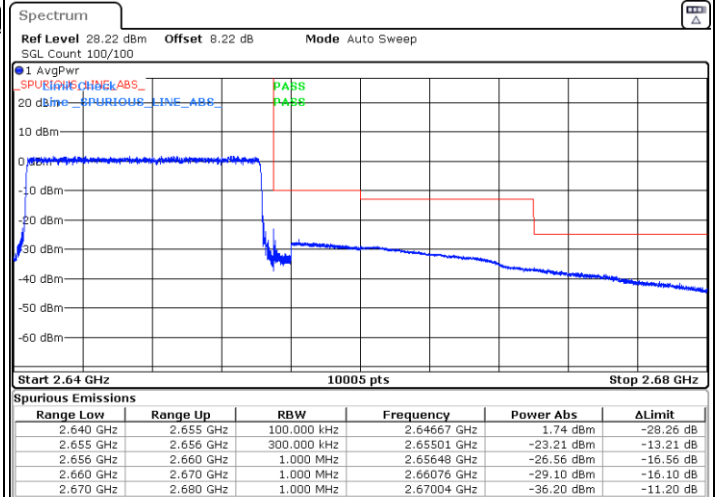
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



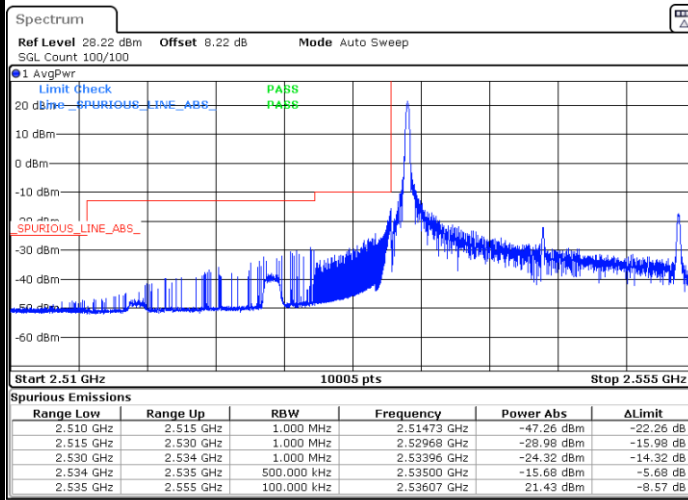
Highest Band Edge / Full RB



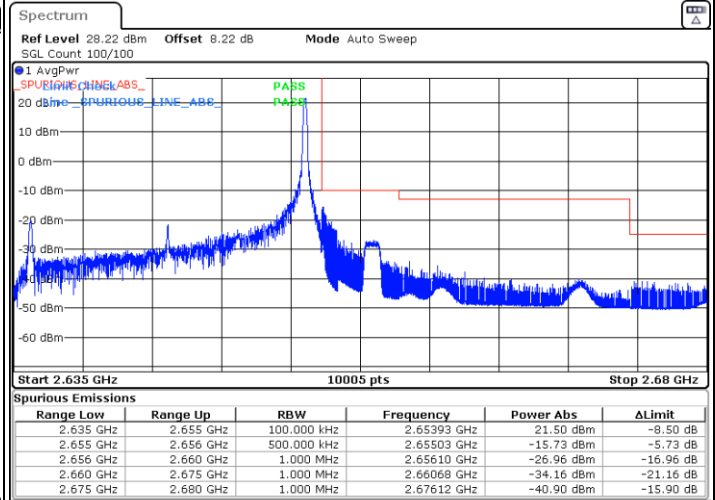


LTE Band 41 / 20MHz / QPSK

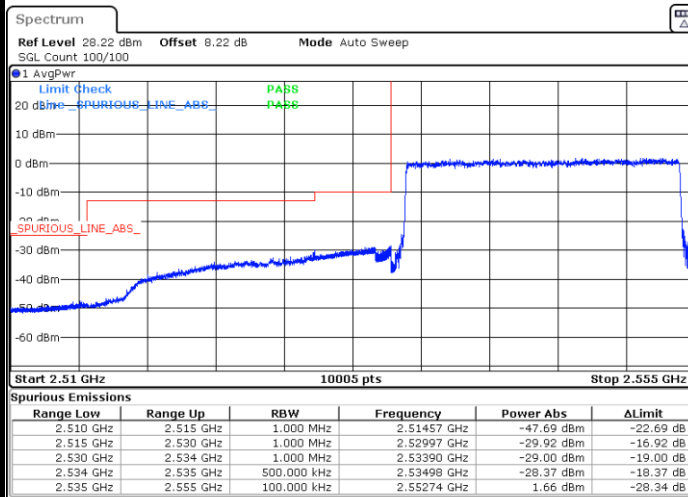
Lowest Band Edge / 1 RB



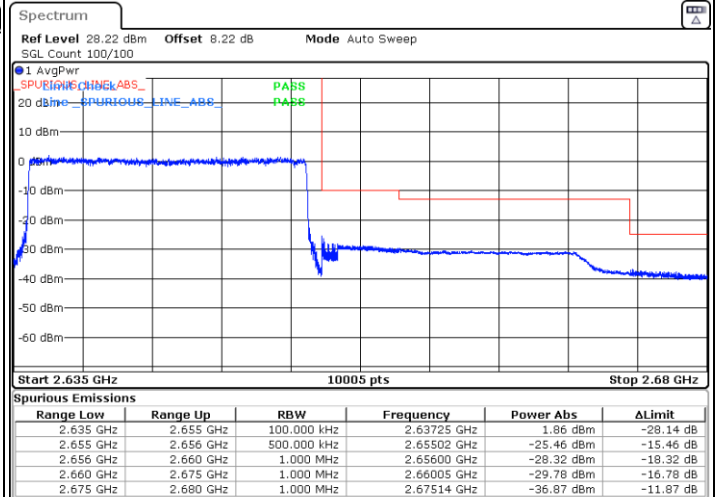
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



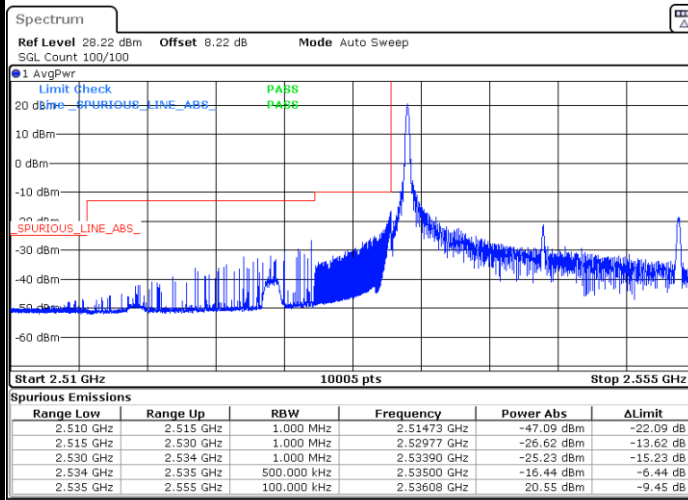
Highest Band Edge / Full RB



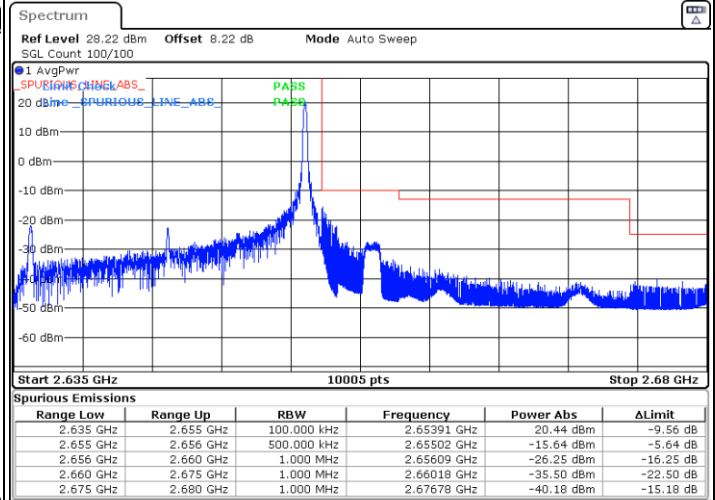


LTE Band 41 / 20MHz / 16QAM

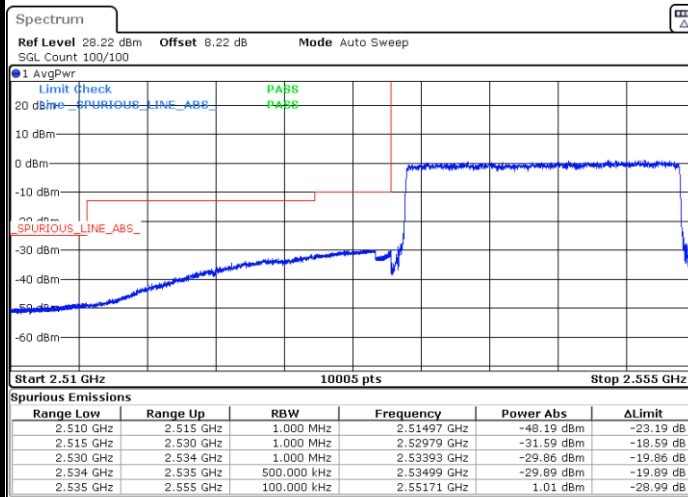
Lowest Band Edge / 1 RB



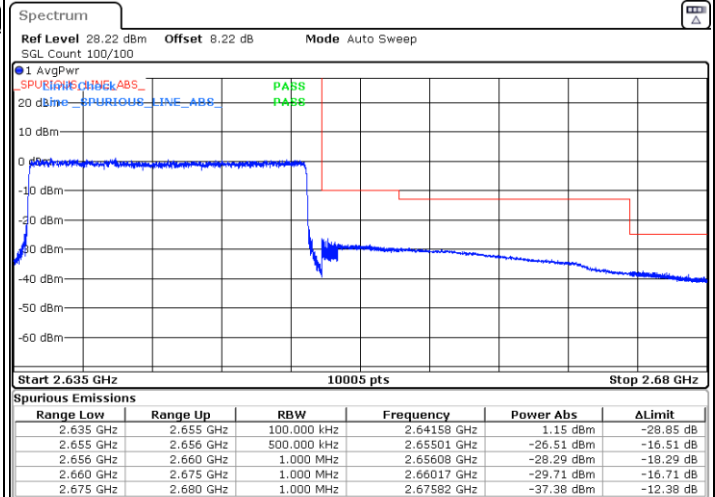
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



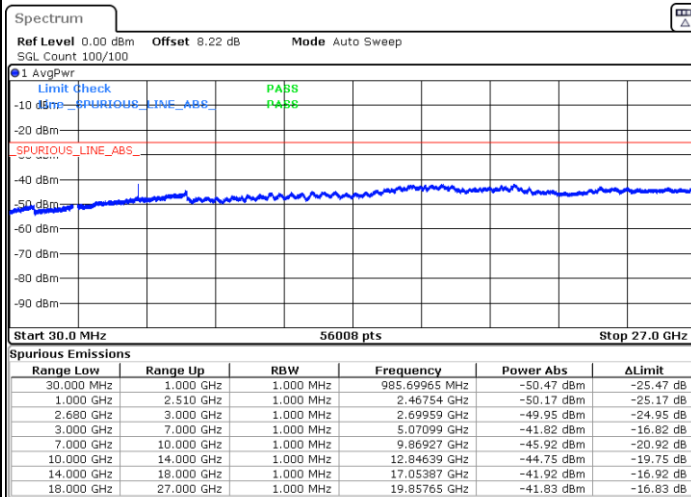


Conducted Spurious Emission

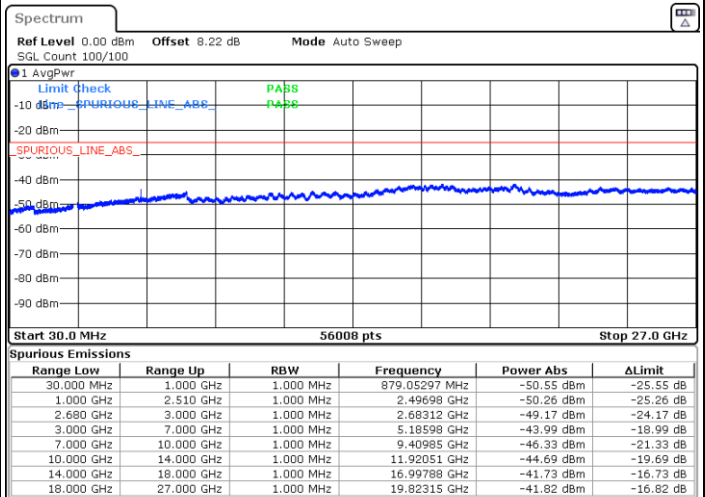
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

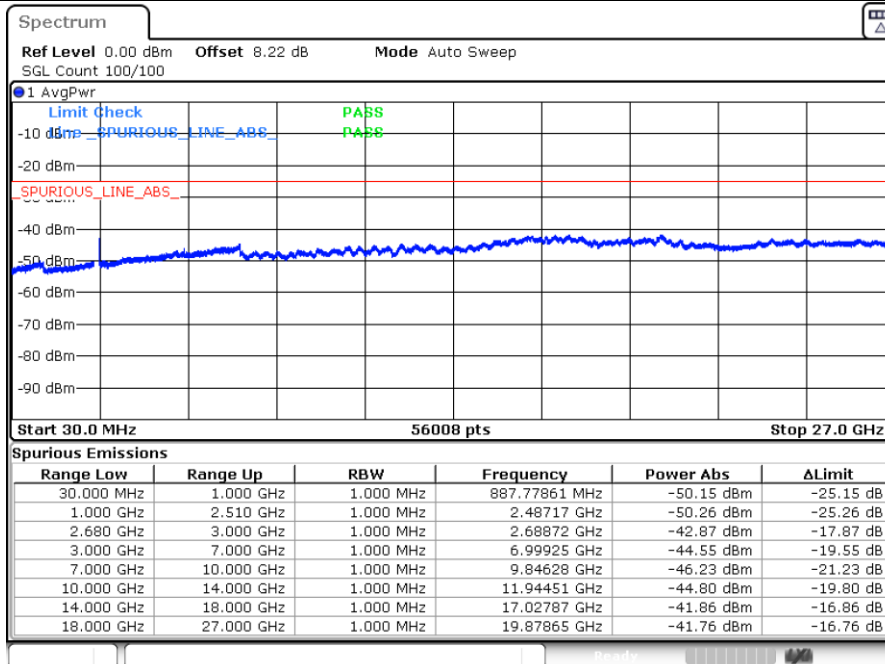


Date: 10.OCT.2023 14:42:47



Date: 10.OCT.2023 14:43:59

Highest Channel / QPSK



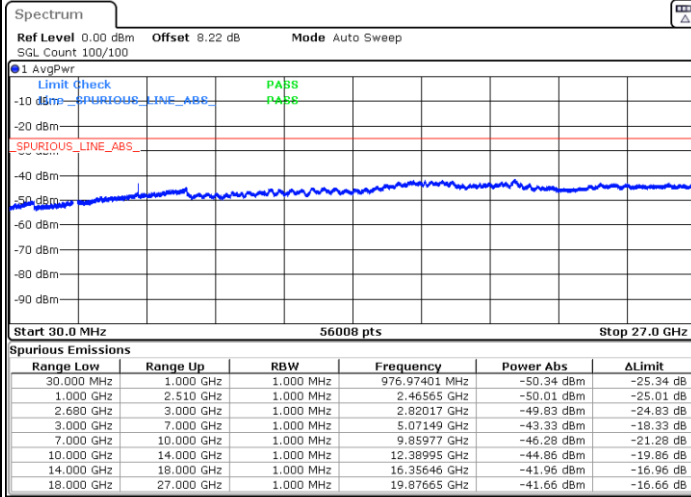
Date: 10.OCT.2023 14:52:07



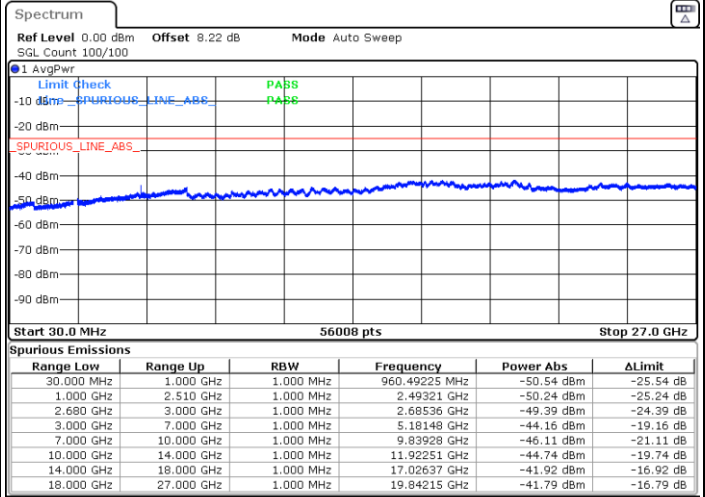
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

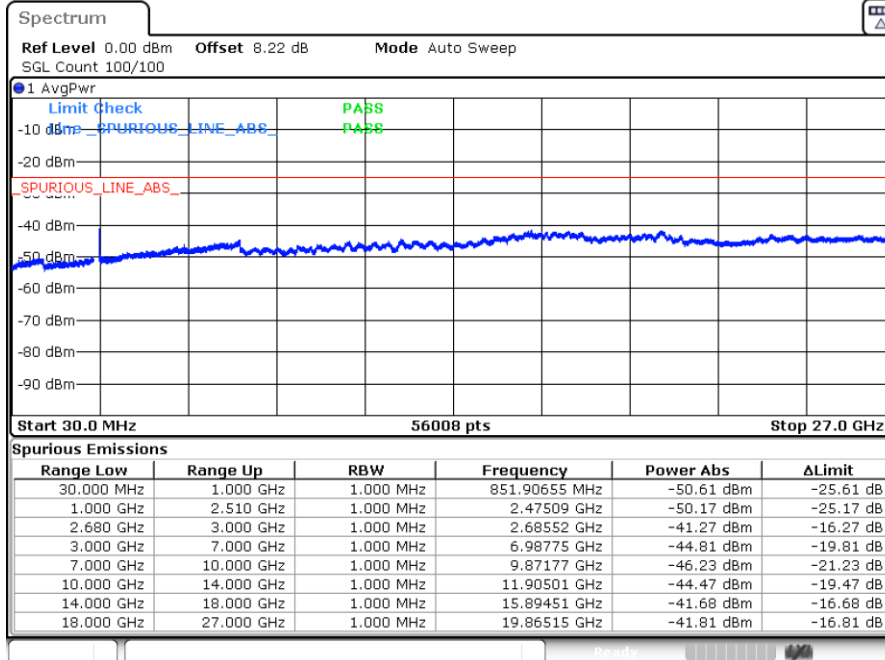


Date: 10.OCT.2023 14:59:36



Date: 10.OCT.2023 15:00:48

Highest Channel / QPSK

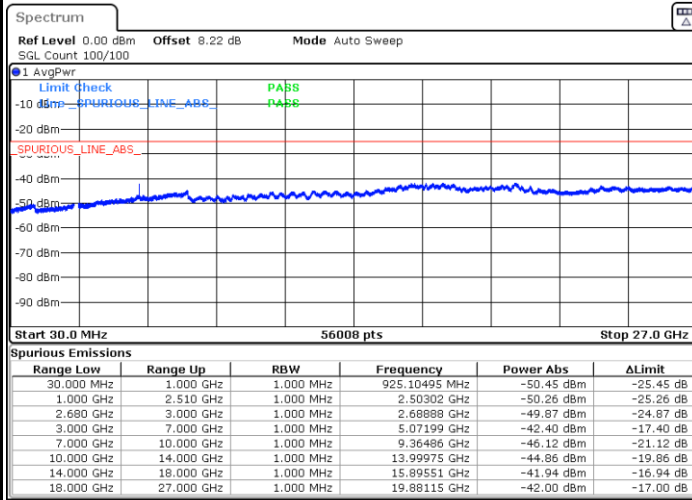


Date: 10.OCT.2023 15:07:03



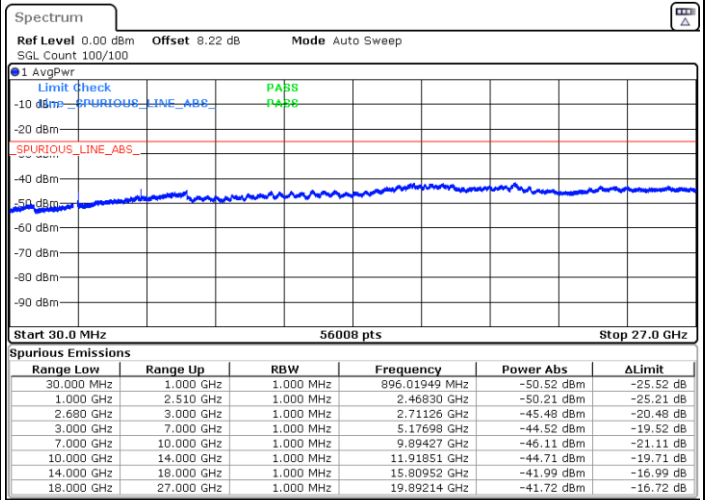
LTE Band 41 / 15MHz

Lowest Channel / QPSK



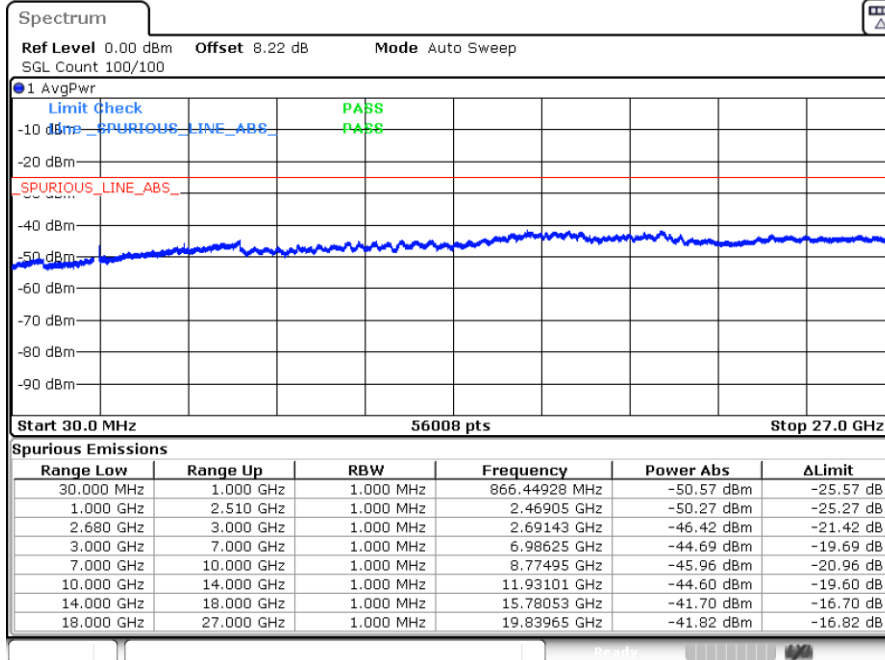
Date: 10.OCT.2023 15:13:44

Middle Channel / QPSK



Date: 10.OCT.2023 15:14:56

Highest Channel / QPSK

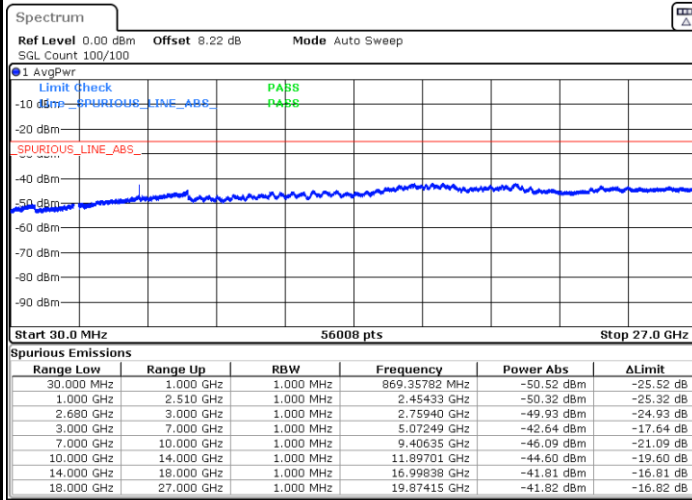


Date: 10.OCT.2023 15:21:44



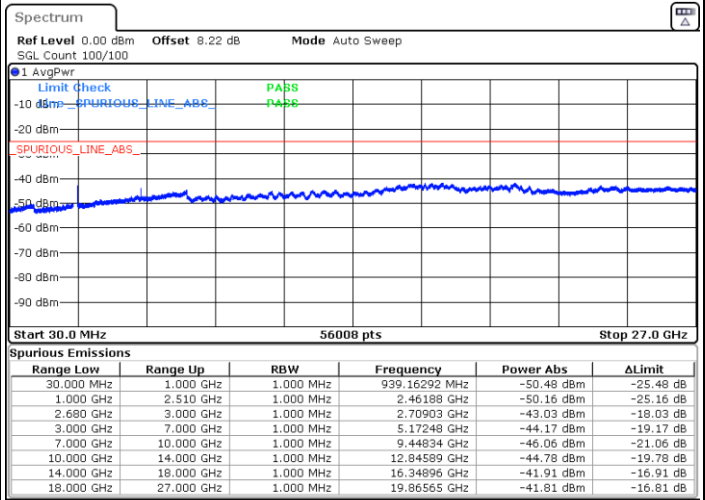
LTE Band 41 / 20MHz

Lowest Channel / QPSK



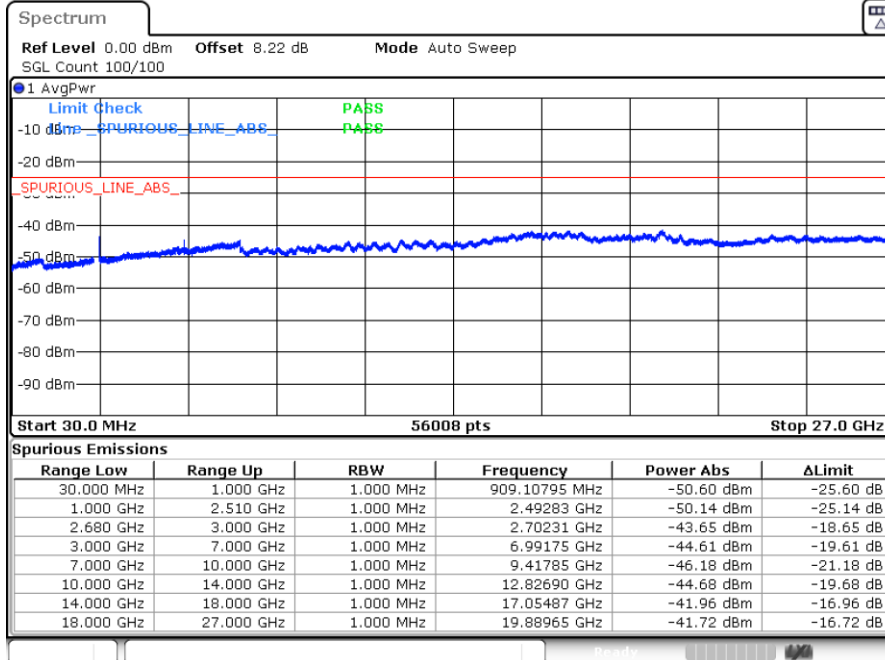
Date: 10.OCT.2023 15:28:26

Middle Channel / QPSK



Date: 10.OCT.2023 15:29:38

Highest Channel / QPSK



Date: 10.OCT.2023 15:36:23

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	0.0026	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0034	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 5 / 10MHz / QPSK								
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	-63.37	-13	-50.37	-70.34	1.58	10.70	H
	2496	-61.50	-13	-48.50	-69.75	2.102	12.50	H
	3328	-61.66	-13	-48.66	-70.55	2.856	13.90	H
	1664	-59.51	-13	-46.51	-66.48	1.58	10.70	V
	2496	-58.80	-13	-45.80	-67.05	2.10	12.50	V
	3328	-61.30	-13	-48.30	-70.19	2.86	13.90	V

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

LTE Band 41 / 20MHz / 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	5162	-64.73	-25	-39.73	-74.94	3.03	13.24	H
	7752	-61.71	-25	-36.71	-71.16	3.56	13.01	H
	10336	-59.72	-25	-34.72	-69.24	3.92	13.44	H
	5162	-64.70	-25	-39.70	-74.91	3.03	13.24	V
	7752	-62.01	-25	-37.01	-71.46	3.56	13.01	V
	10336	-60.10	-25	-35.10	-69.62	3.92	13.44	V

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