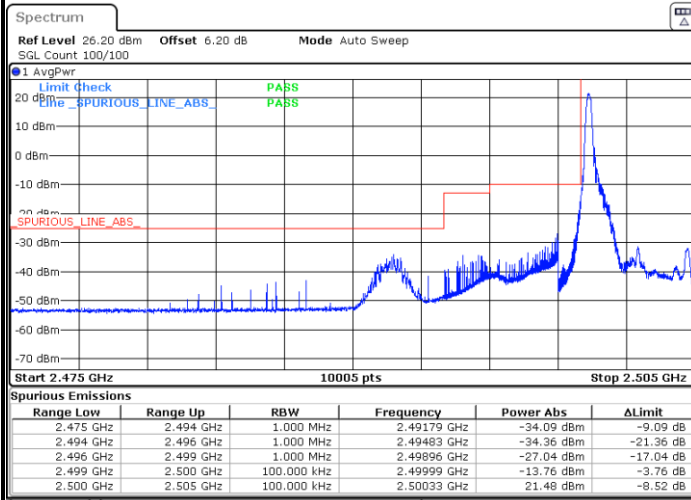


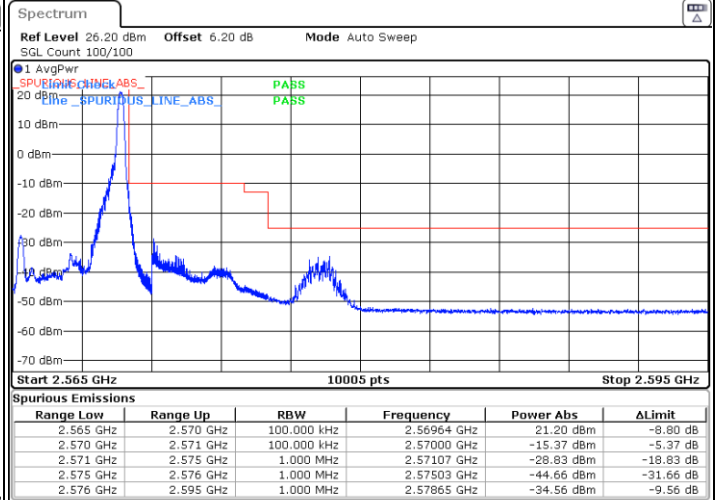


LTE Band 7 / 5MHz / 16QAM

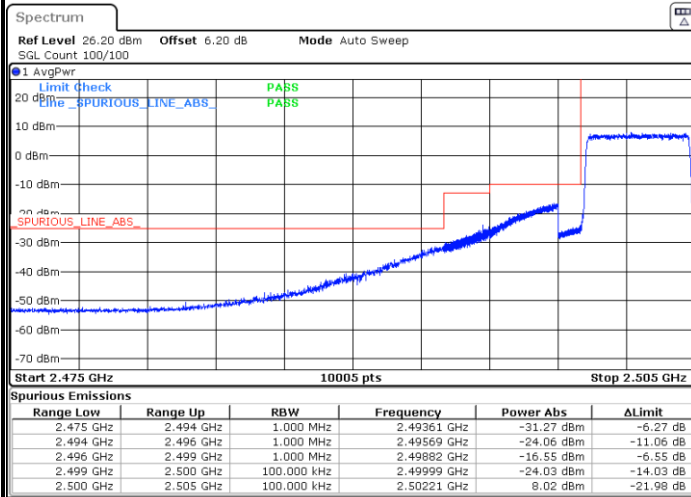
Lowest Band Edge / 1 RB



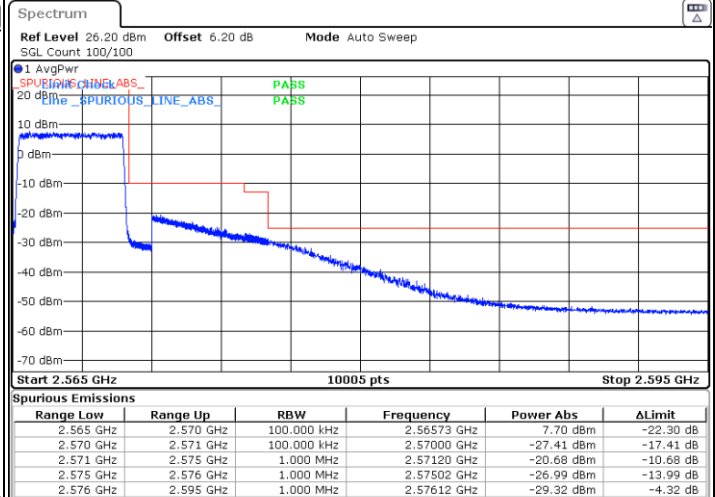
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



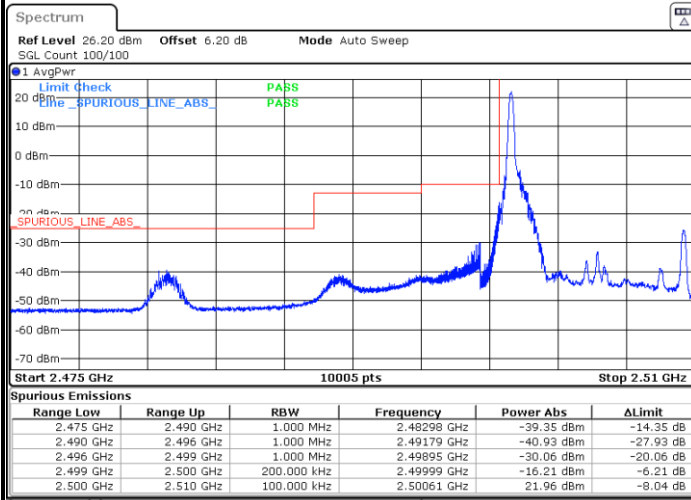
Highest Band Edge / Full RB



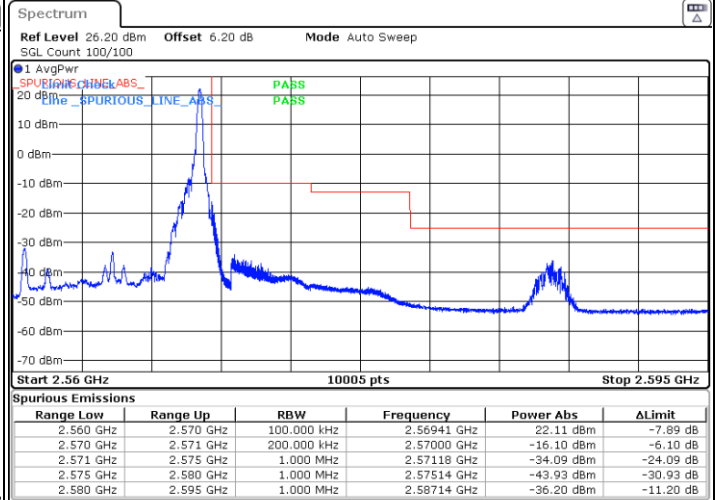


LTE Band 7 / 10MHz / QPSK

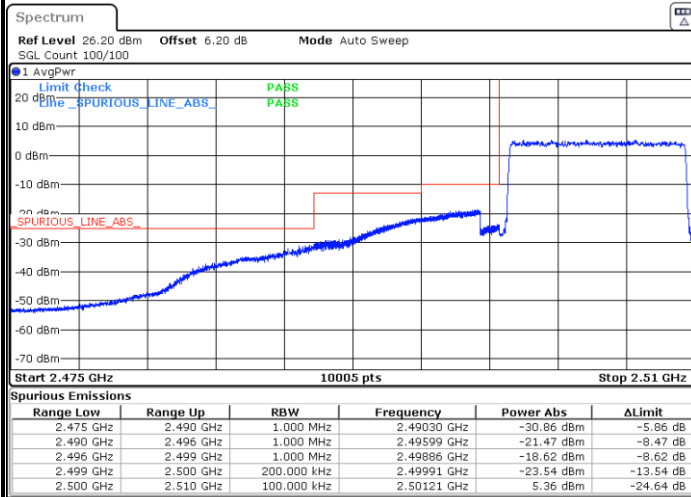
Lowest Band Edge / 1 RB



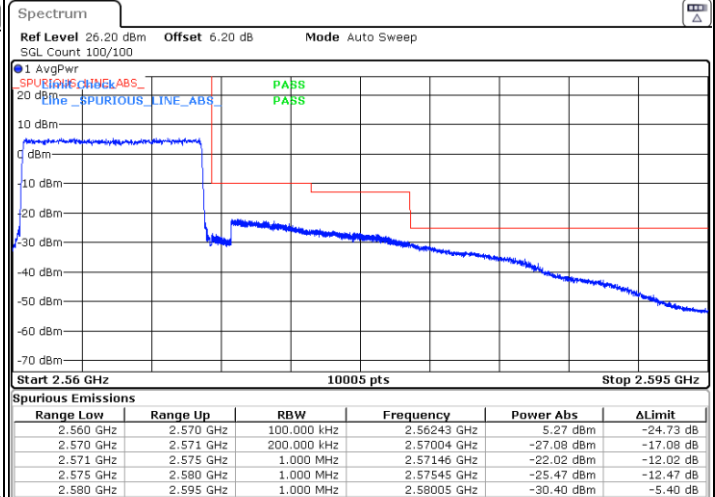
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



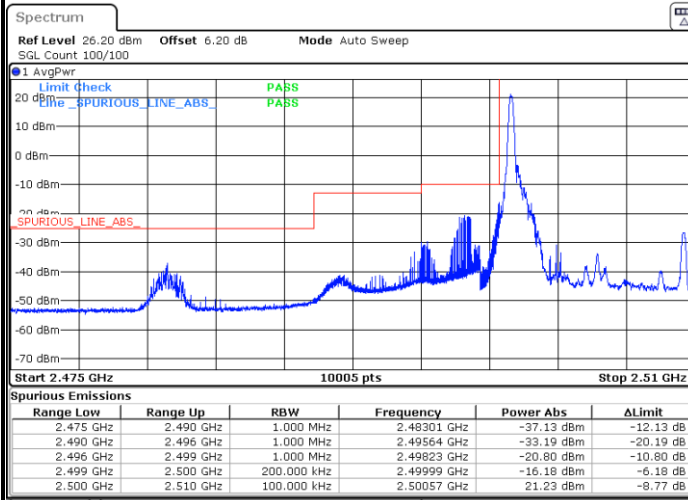
Highest Band Edge / Full RB



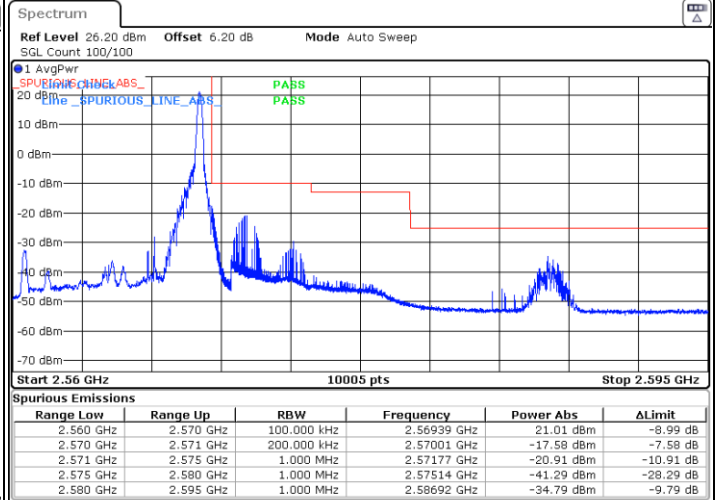


LTE Band 7 / 10MHz / 16QAM

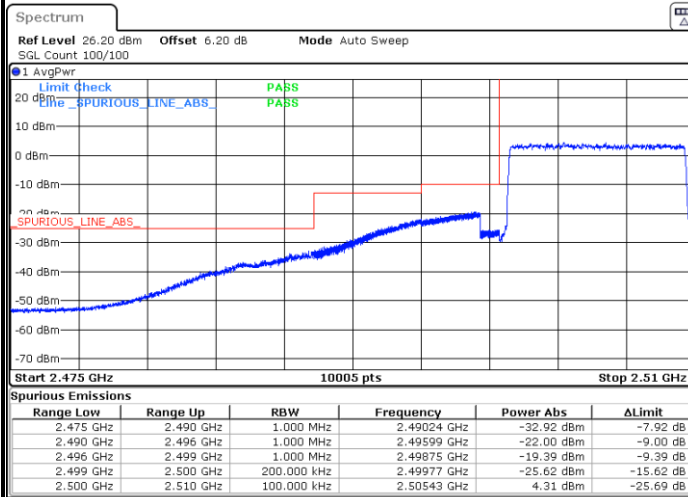
Lowest Band Edge / 1 RB



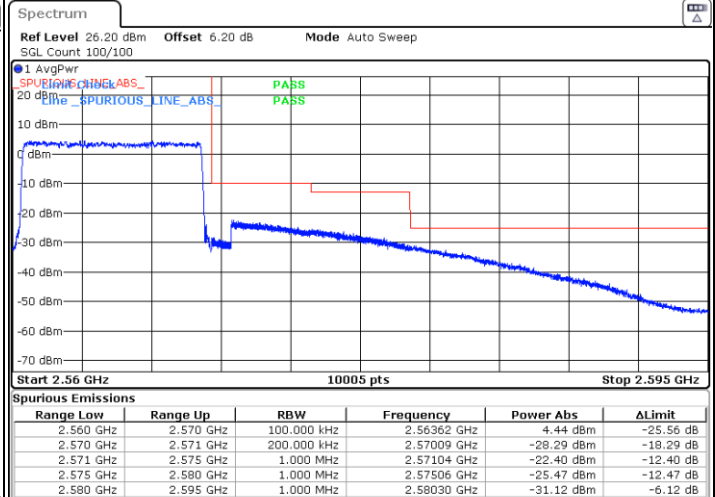
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



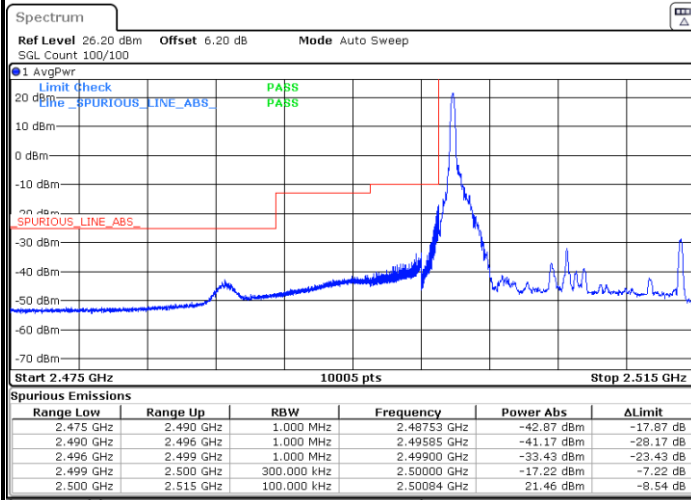
Highest Band Edge / Full RB



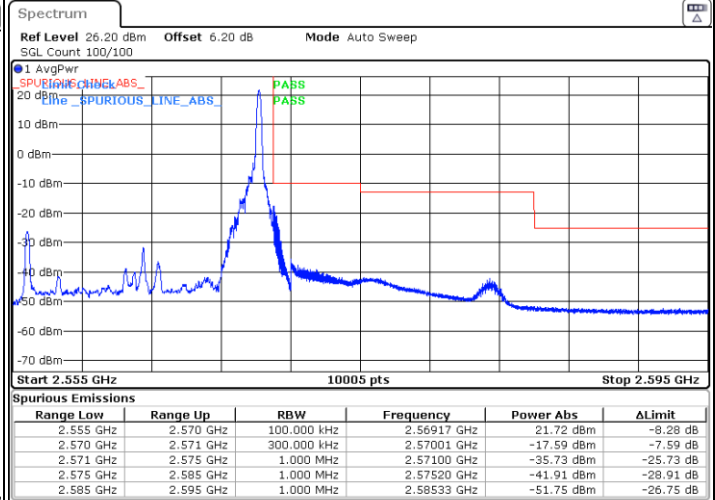


LTE Band 7 / 15MHz / QPSK

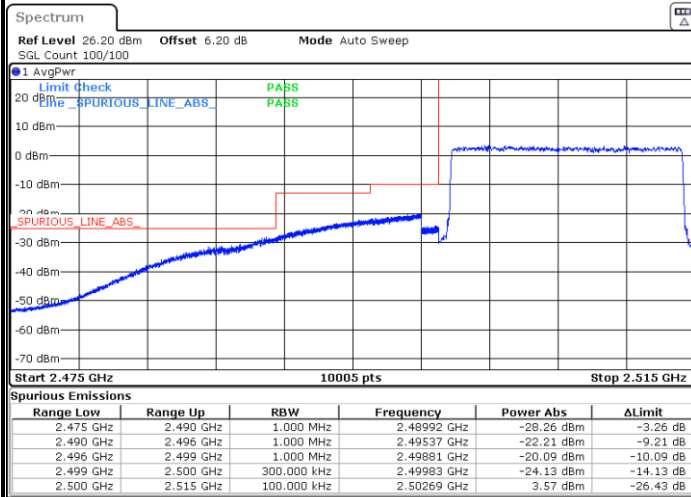
Lowest Band Edge / 1 RB



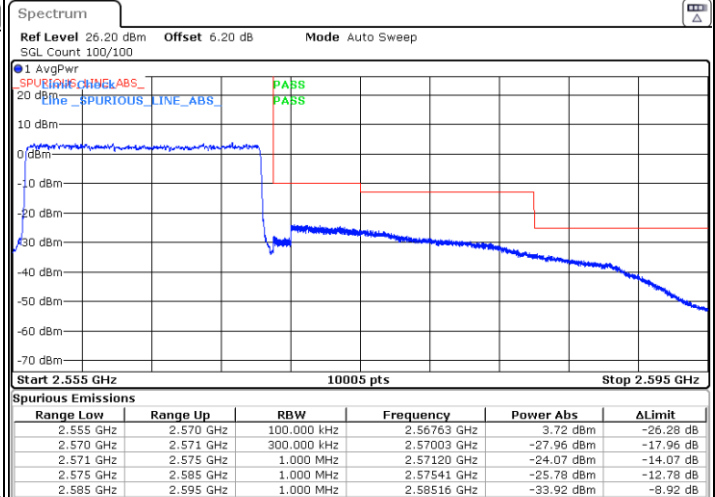
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



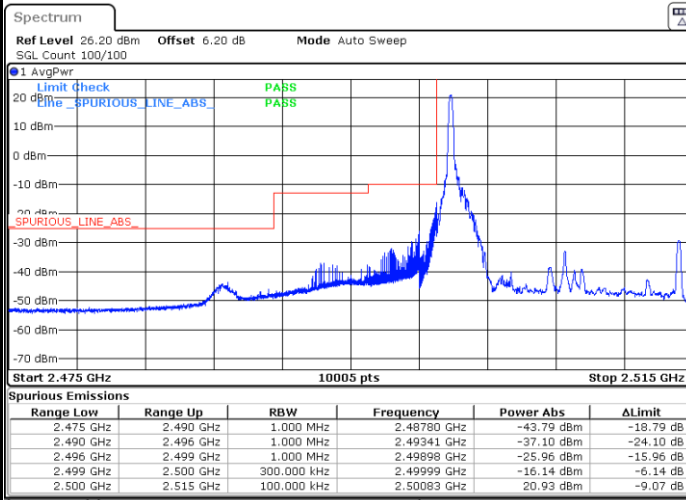
Highest Band Edge / Full RB



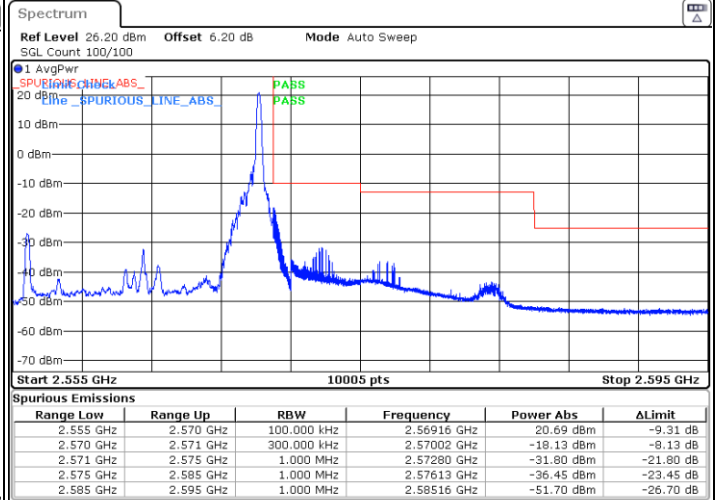


LTE Band 7 / 15MHz / 16QAM

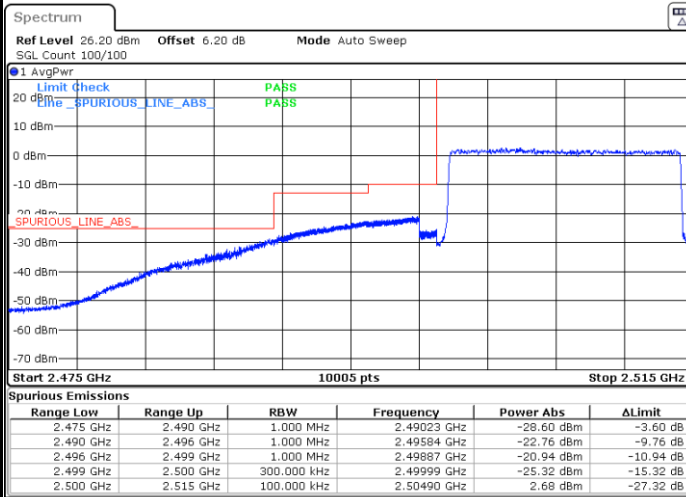
Lowest Band Edge / 1 RB



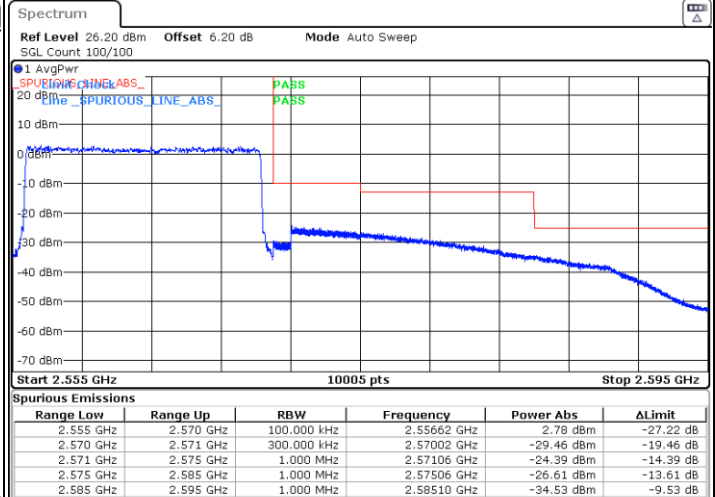
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



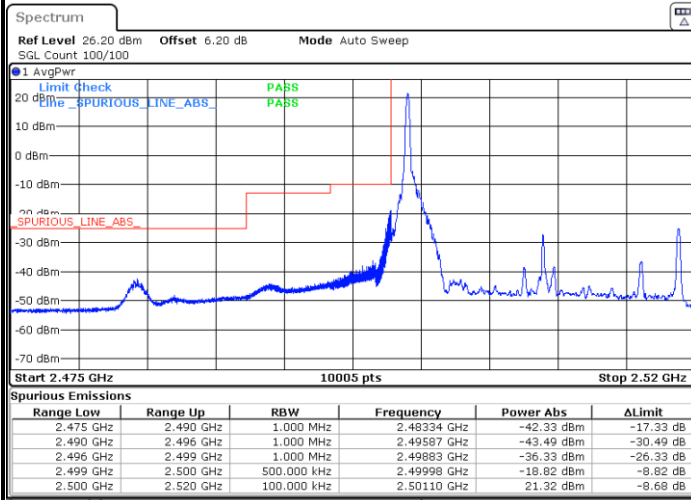
Highest Band Edge / Full RB



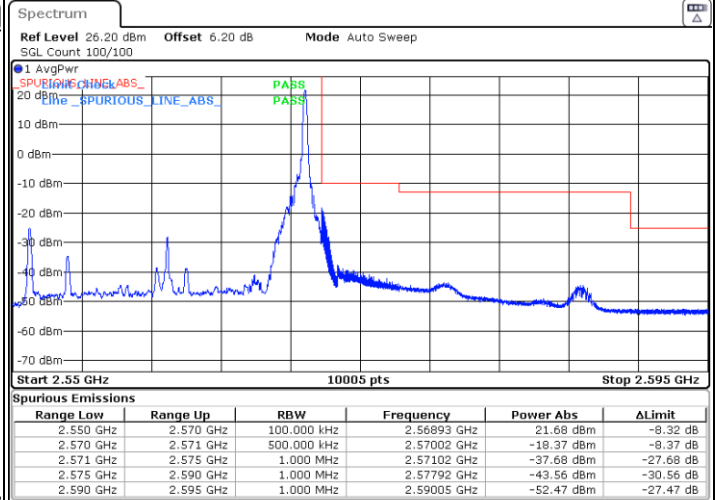


LTE Band 7 / 20MHz / QPSK

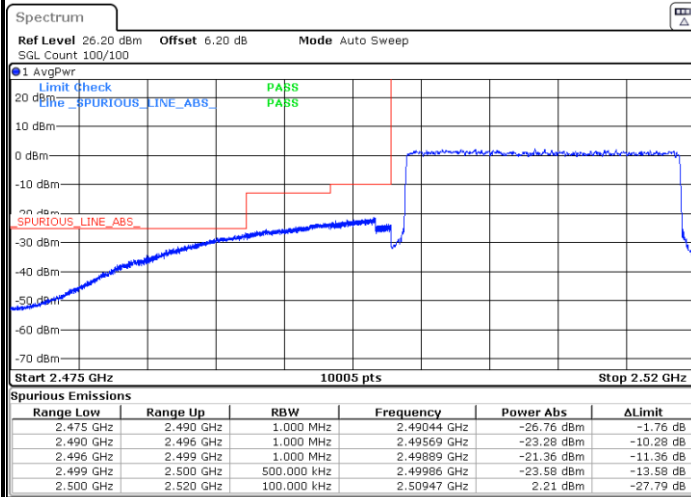
Lowest Band Edge / 1 RB



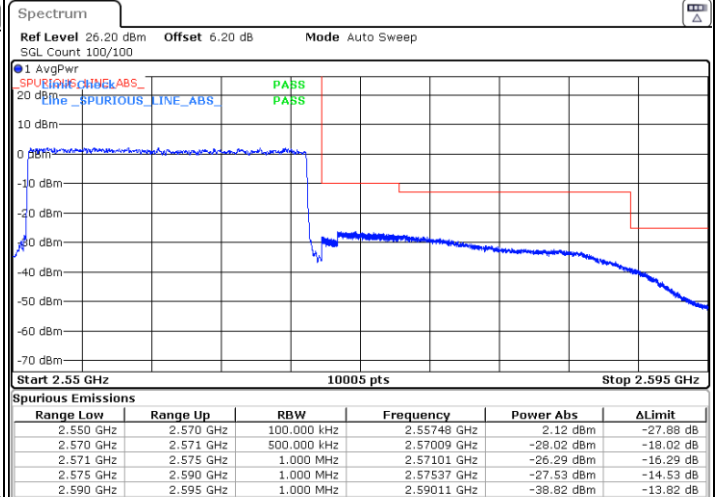
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



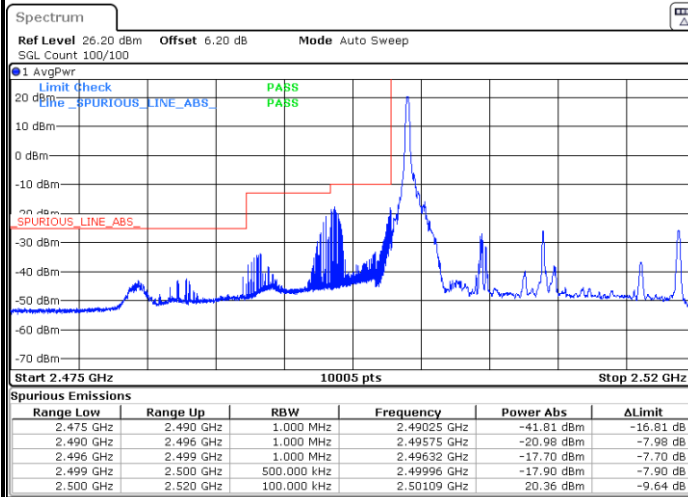
Highest Band Edge / Full RB



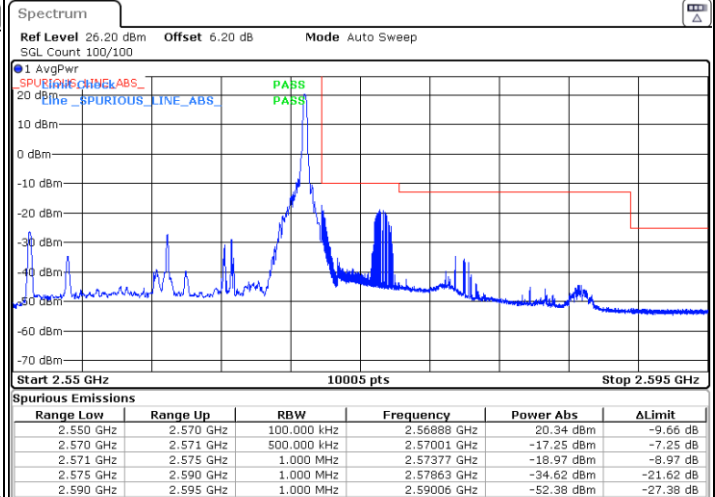


LTE Band 7 / 20MHz / 16QAM

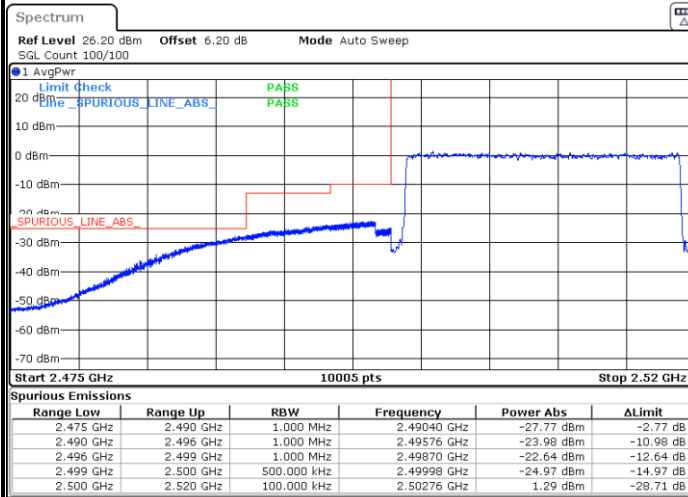
Lowest Band Edge / 1 RB



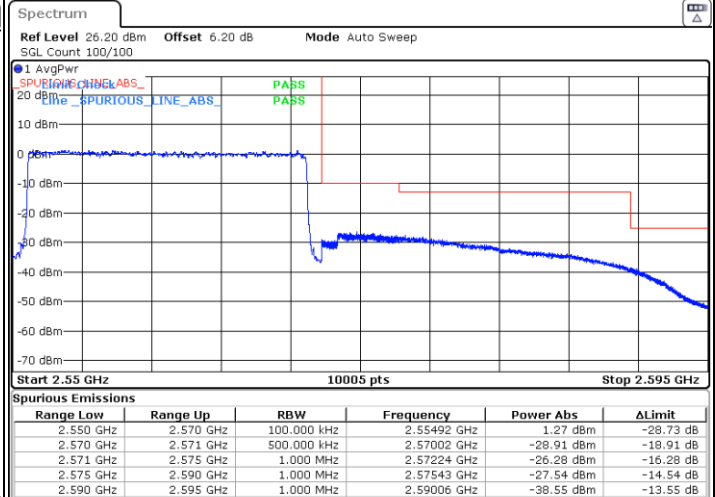
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

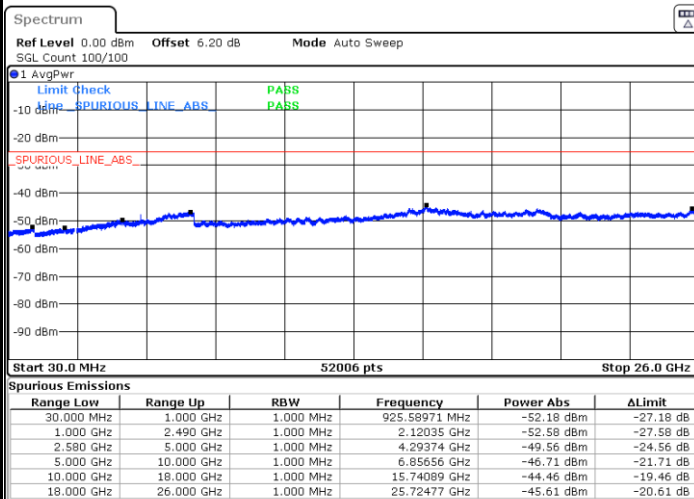




Conducted Spurious Emission

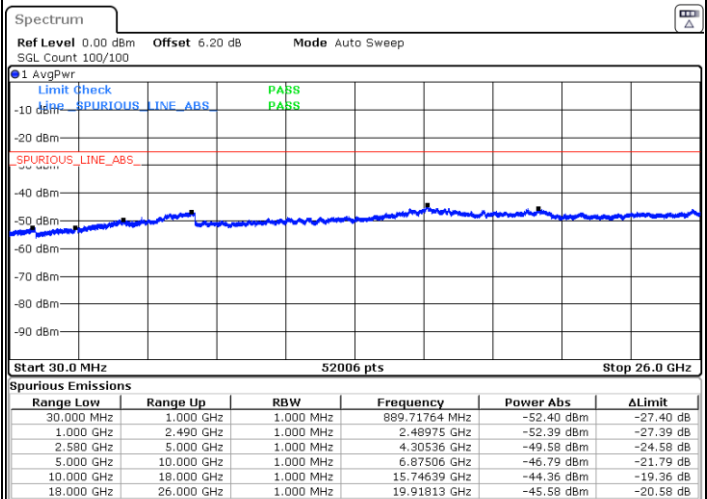
LTE Band 7 / 5MHz

Lowest Channel / QPSK



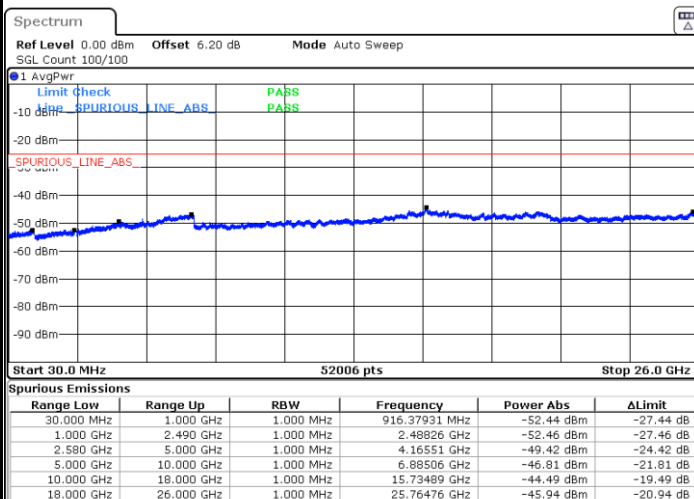
Date: 23 OCT.2019 20:31:52

Lowest Channel / 16QAM



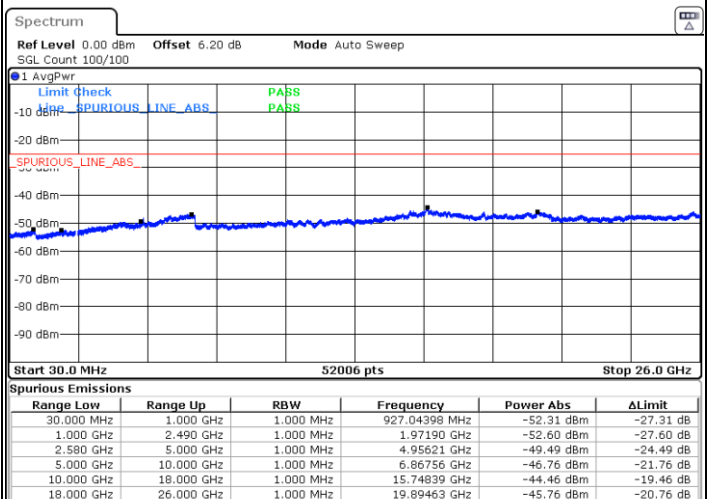
Date: 23 OCT.2019 20:32:46

Middle Channel / QPSK



Date: 23 OCT.2019 20:34:34

Middle Channel / 16QAM

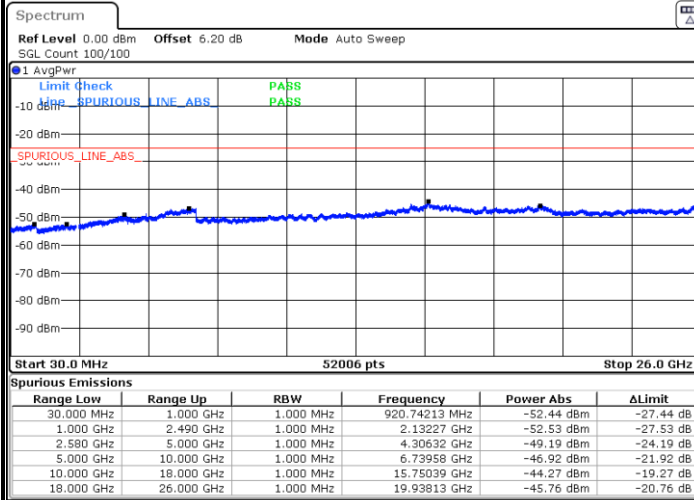


Date: 23 OCT.2019 20:33:40



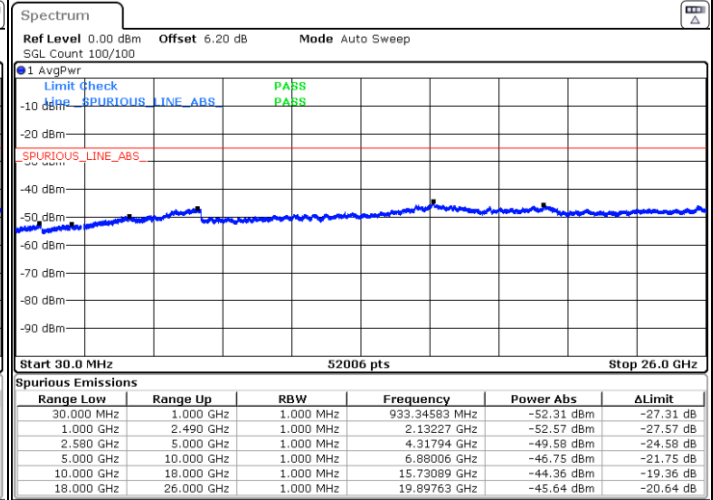
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 23 OCT 2019 20:35:27

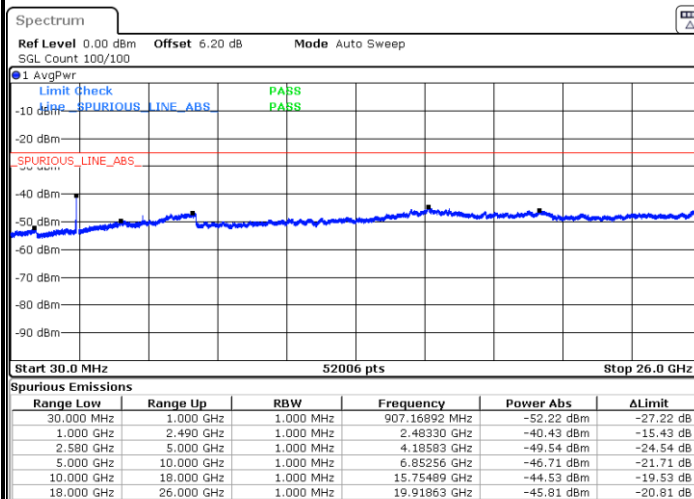
Highest Channel / 16QAM



Date: 23 OCT 2019 20:36:21

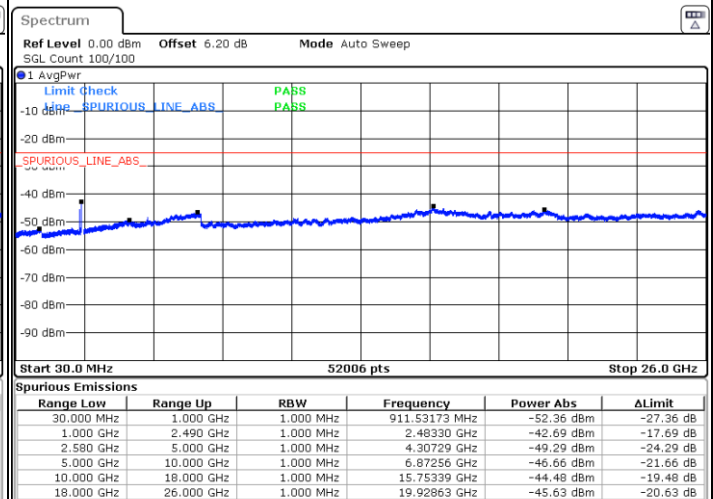
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 23 OCT 2019 20:48:19

Lowest Channel / 16QAM

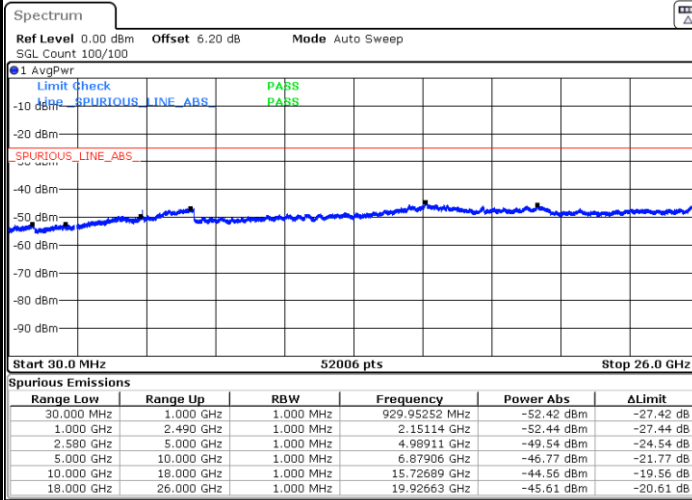


Date: 23 OCT 2019 20:49:13



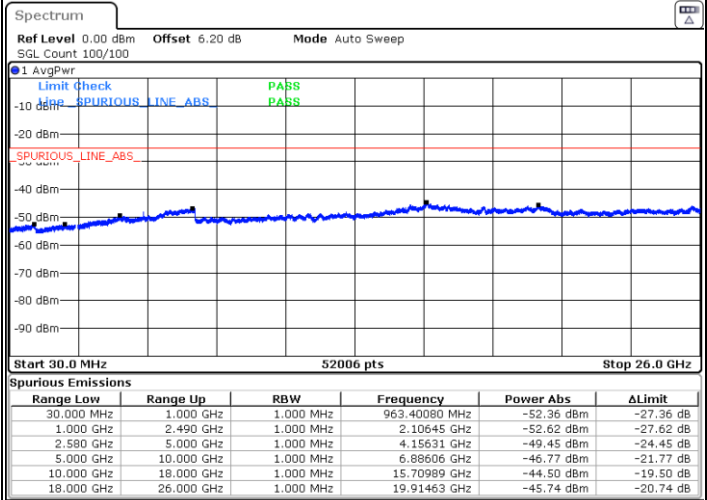
LTE Band 7 / 10MHz

Middle Channel / QPSK



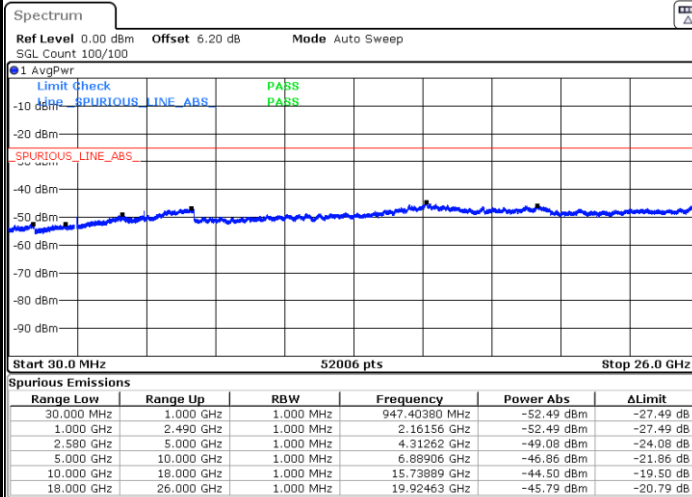
Date: 23.OCT.2019 20:51:00

Middle Channel / 16QAM



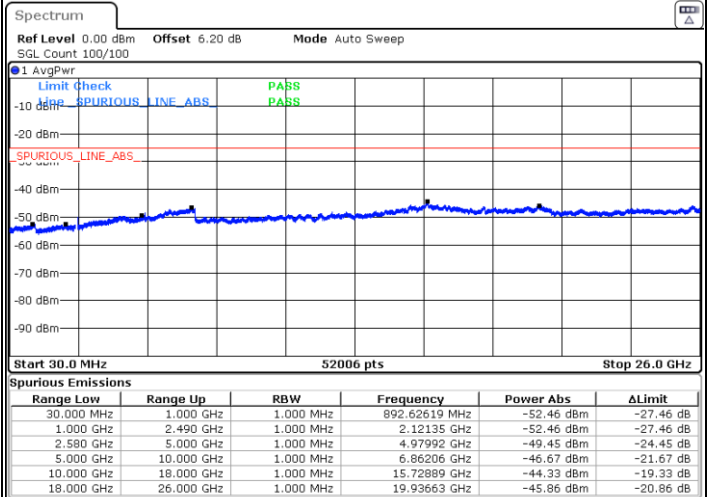
Date: 23.OCT.2019 20:50:06

Highest Channel / QPSK



Date: 23.OCT.2019 20:51:54

Highest Channel / 16QAM

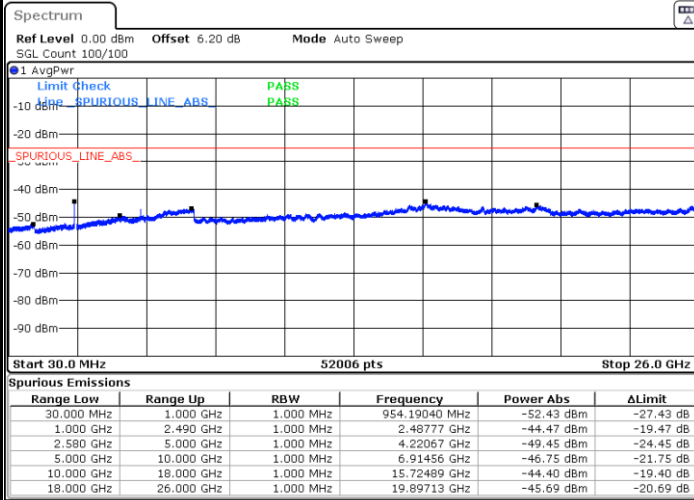


Date: 23.OCT.2019 20:52:48



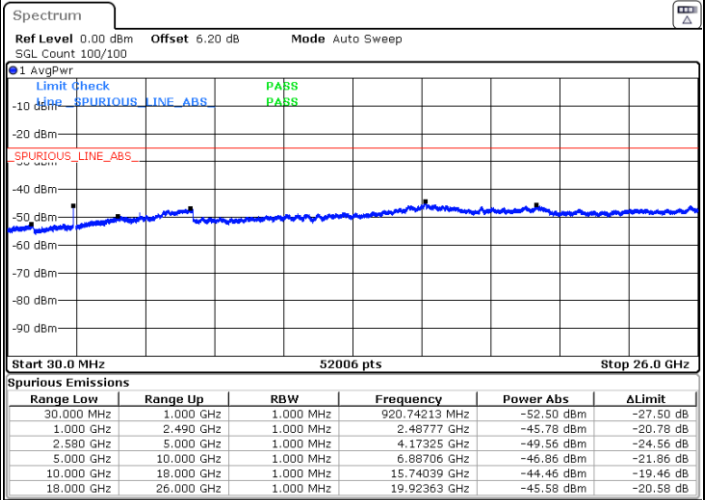
LTE Band 7 / 15MHz

Lowest Channel / QPSK



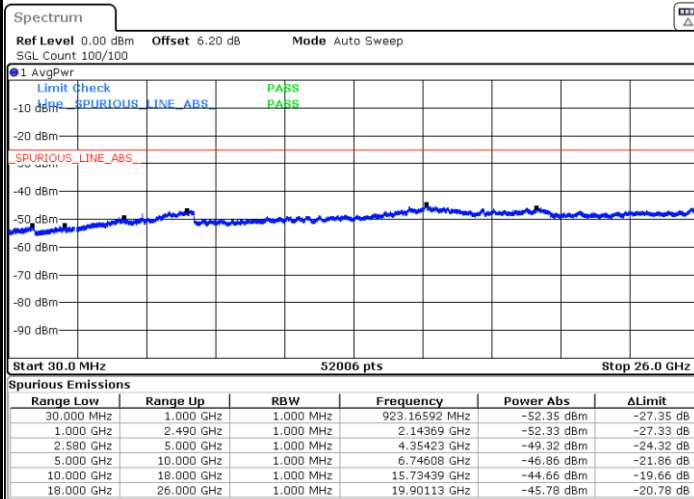
Date: 23.OCT.2019 21:04:47

Lowest Channel / 16QAM



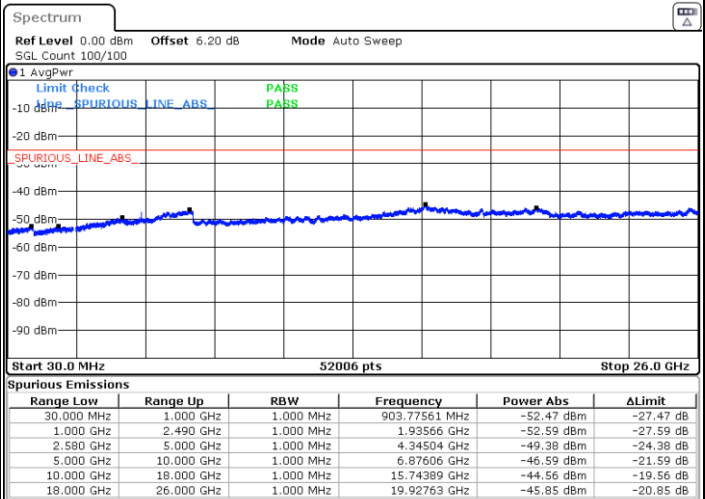
Date: 23.OCT.2019 21:05:41

Middle Channel / QPSK



Date: 23.OCT.2019 21:07:29

Middle Channel / 16QAM

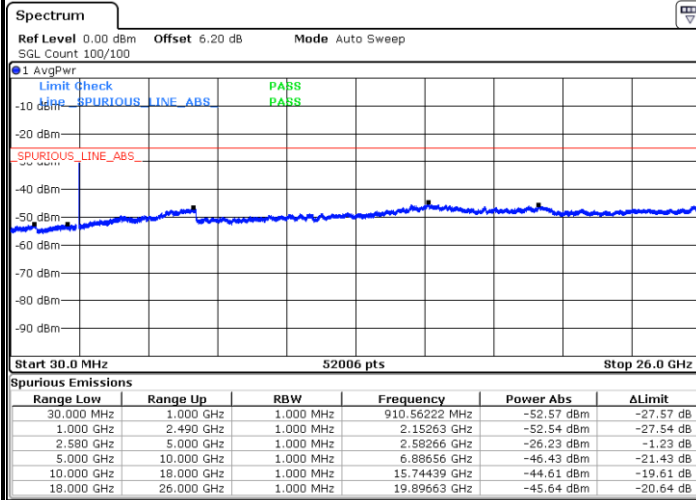


Date: 23.OCT.2019 21:06:35



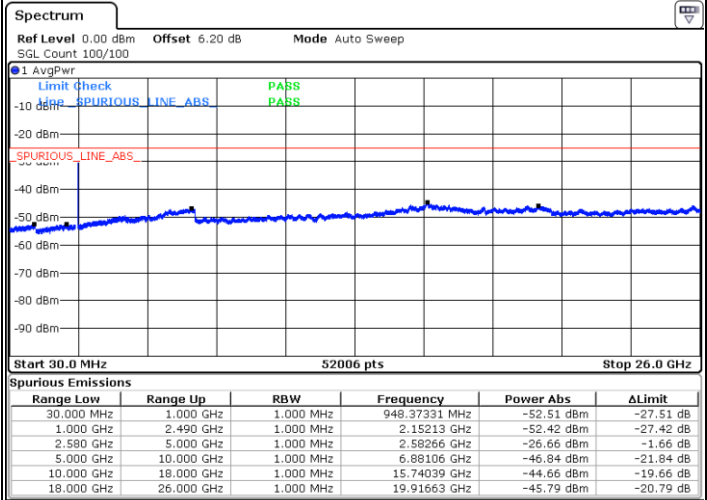
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 1.NOV.2019 10:44:27

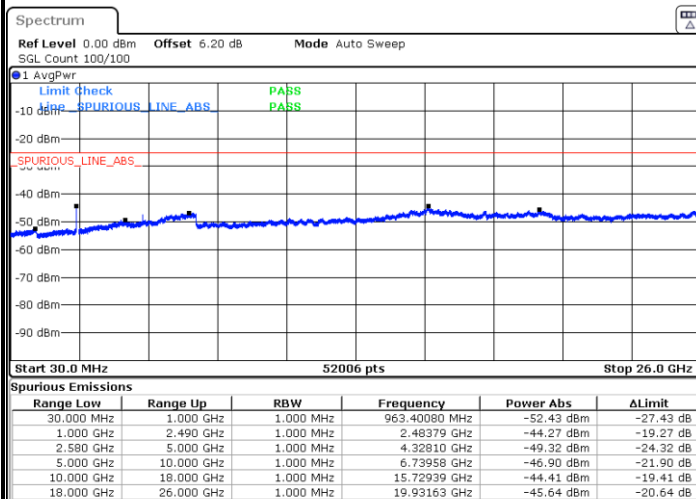
Highest Channel / 16QAM



Date: 1.NOV.2019 10:40:13

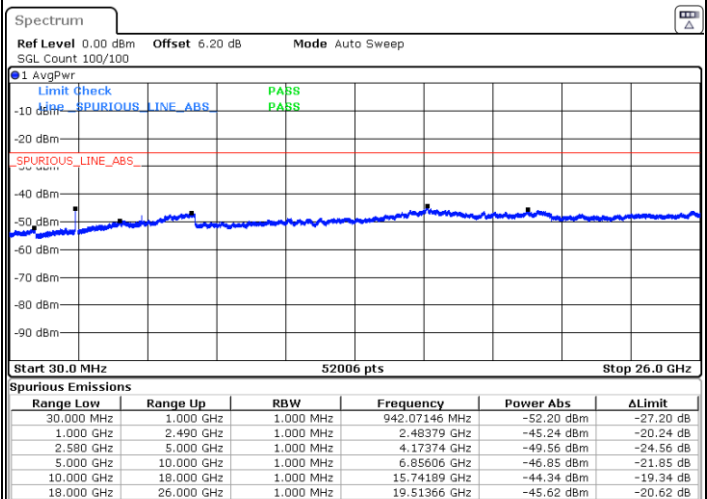
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 23.OCT.2019 21:32:39

Lowest Channel / 16QAM

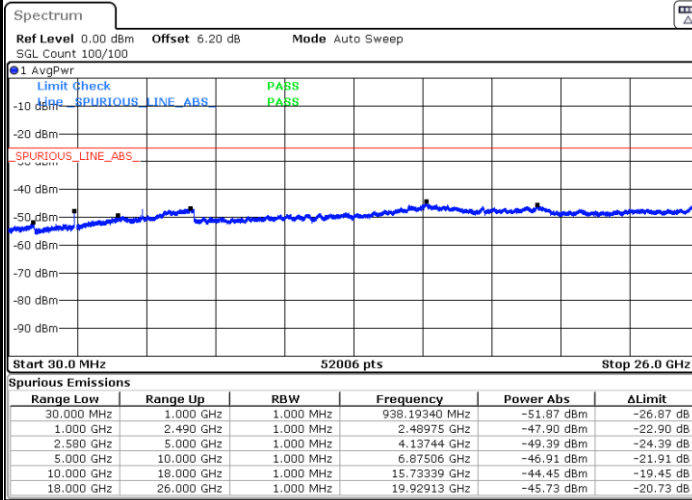


Date: 23.OCT.2019 21:33:33



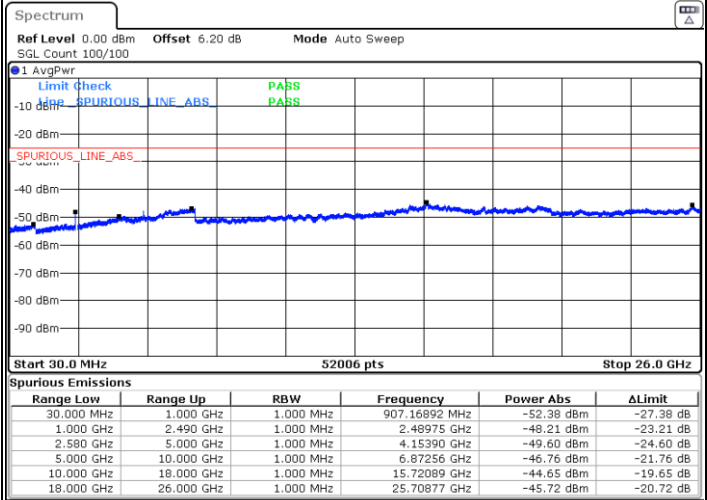
LTE Band 7 / 20MHz

Middle Channel / QPSK



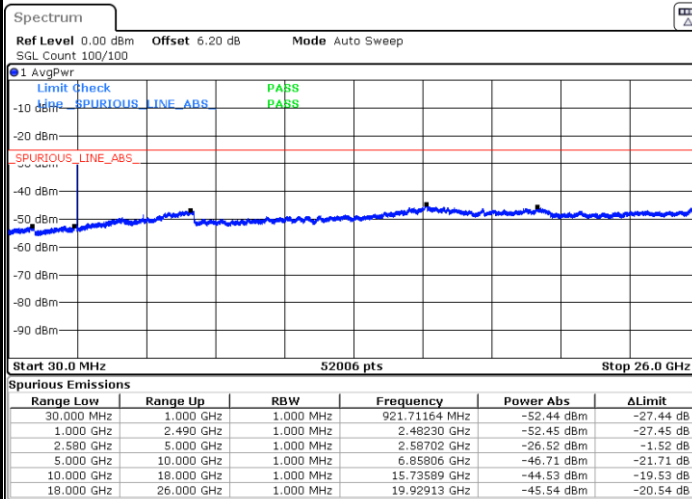
Date: 23.OCT.2019 21:35:20

Middle Channel / 16QAM



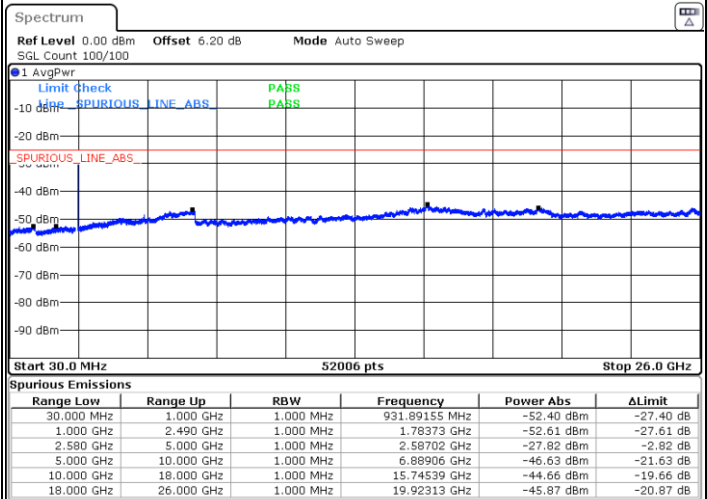
Date: 23.OCT.2019 21:34:26

Highest Channel / QPSK



Date: 23.OCT.2019 21:36:14

Highest Channel / 16QAM



Date: 23.OCT.2019 21:37:08

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0052	
20	Normal Voltage	0.0062	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 7 / 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	5050	-67.53	-25	-42.53	-76.02	1.83	10.32	H
	7580	-57.17	-25	-32.17	-66.18	2.60	11.61	H
	10107	-57.66	-25	-32.66	-68.42	2.67	13.43	H
	5050	-68.82	-25	-43.82	-77.31	1.83	10.32	V
	7580	-63.83	-25	-38.83	-72.84	2.60	11.61	V
	10107	-57.46	-25	-32.46	-68.22	2.67	13.43	V

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