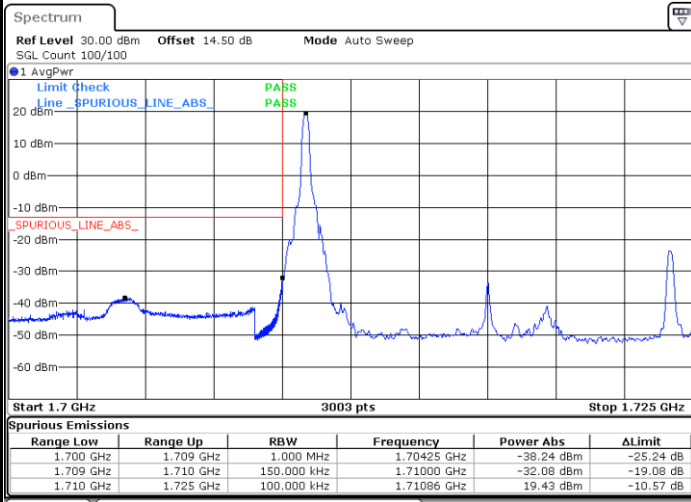


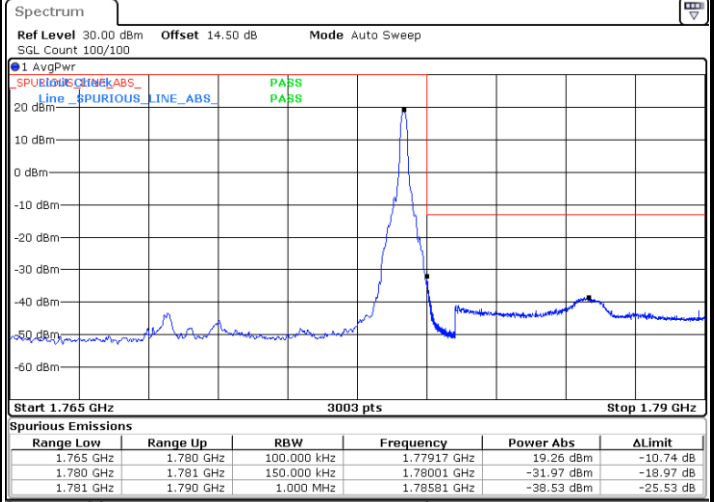


LTE Band 66 / 15MHz / QPSK

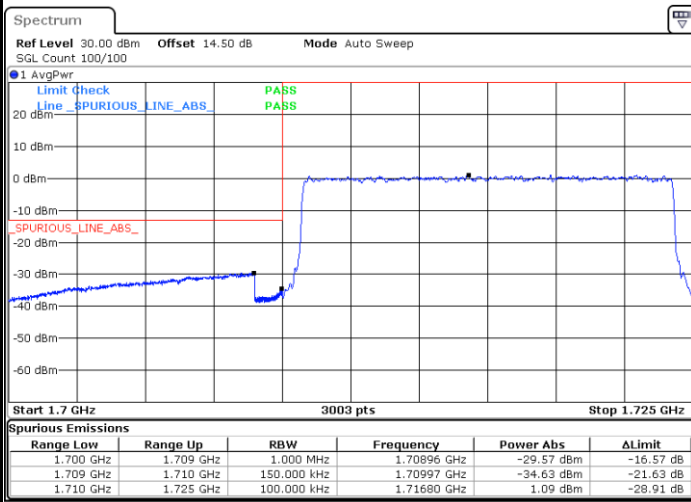
Lowest Band Edge / 1 RB



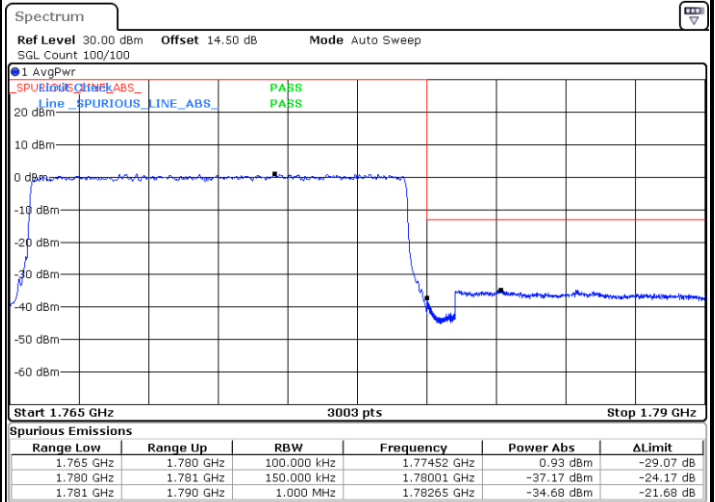
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



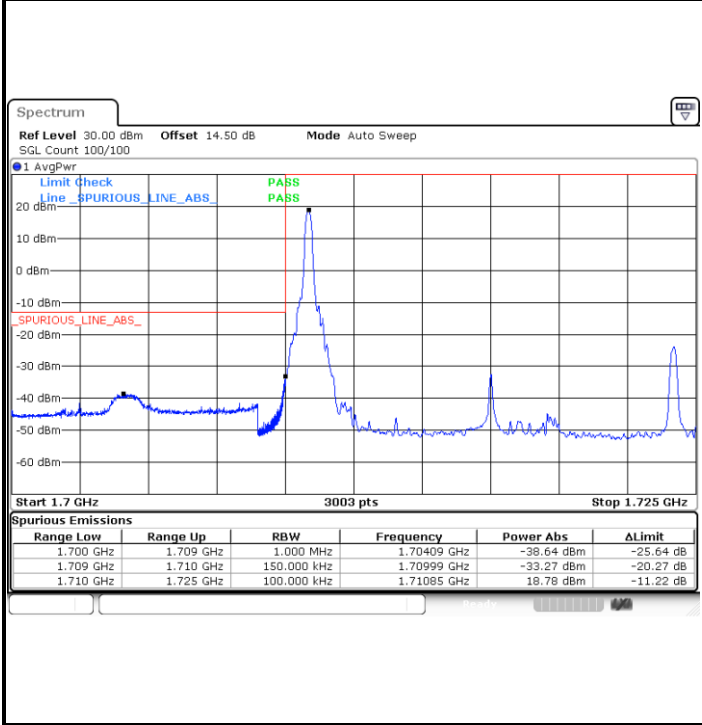
Highest Band Edge / Full RB



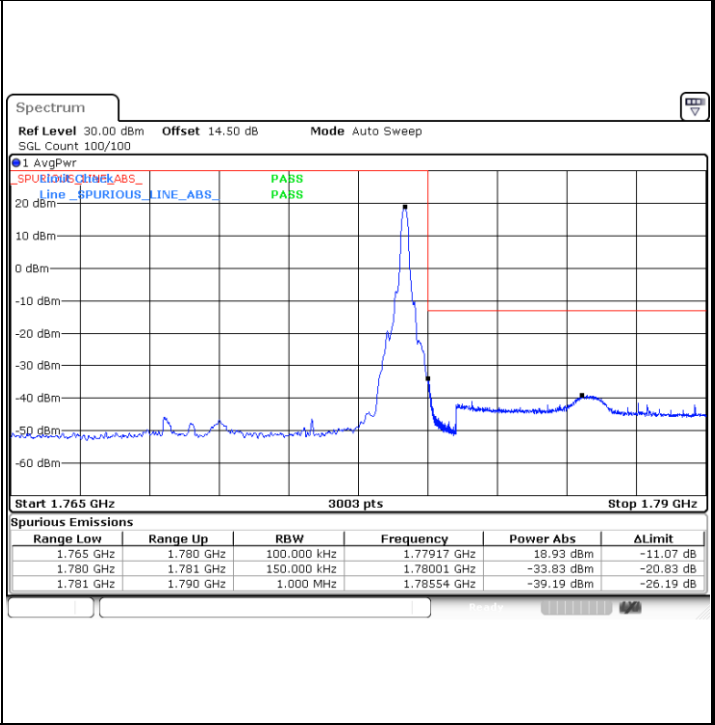


LTE Band 66 / 15MHz / 16QAM

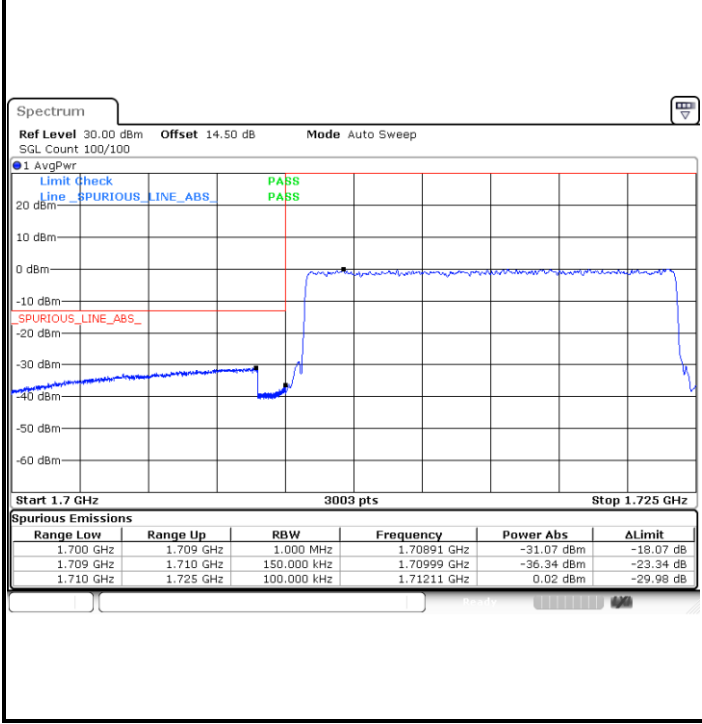
Lowest Band Edge / 1 RB



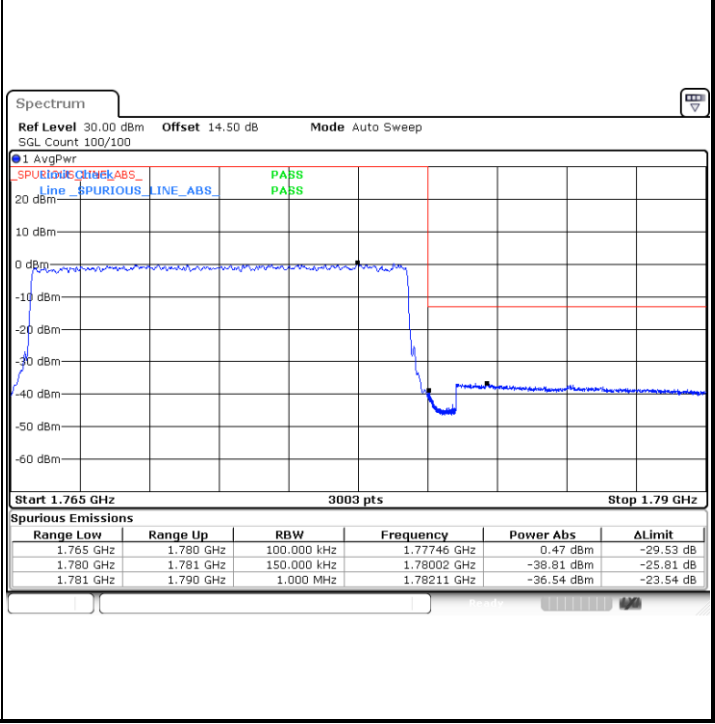
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



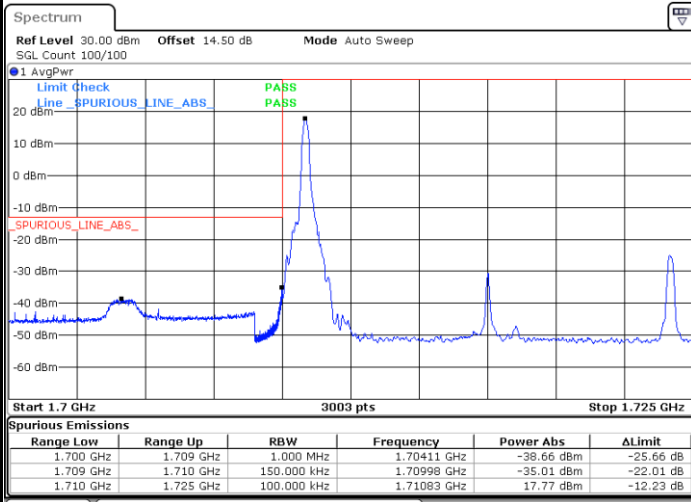
Highest Band Edge / Full RB



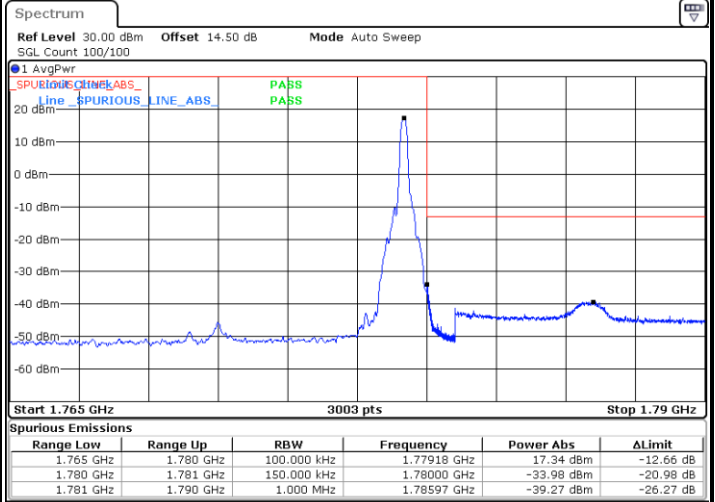


LTE Band 66 / 15MHz / 64QAM

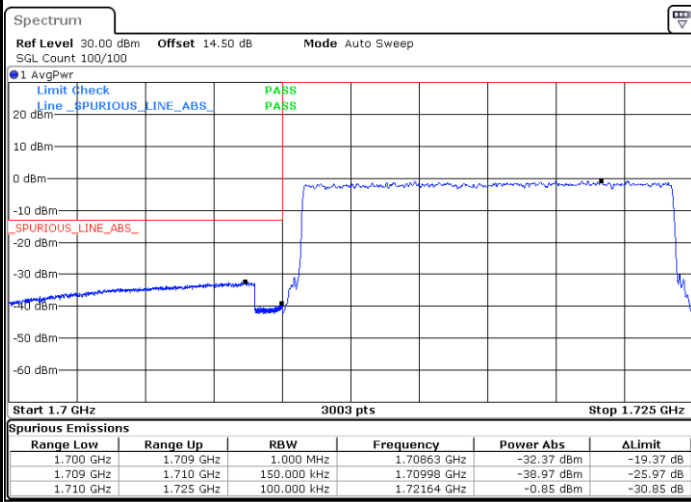
Lowest Band Edge / 1 RB



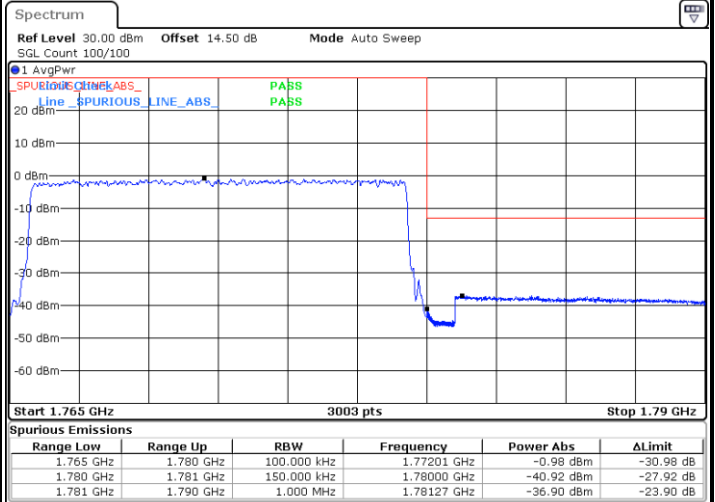
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



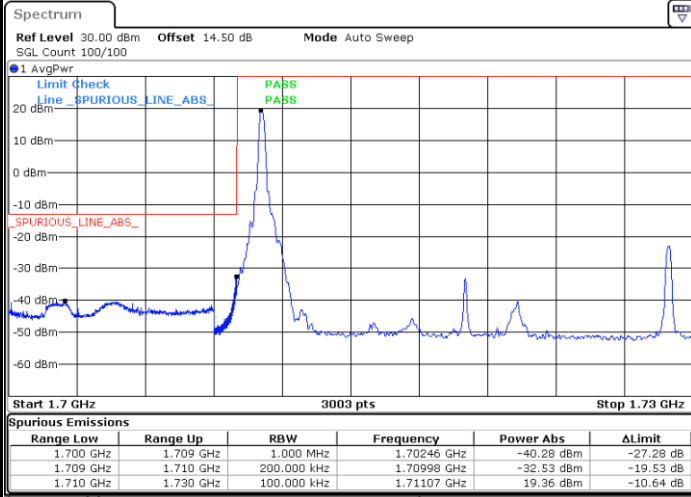
Highest Band Edge / Full RB



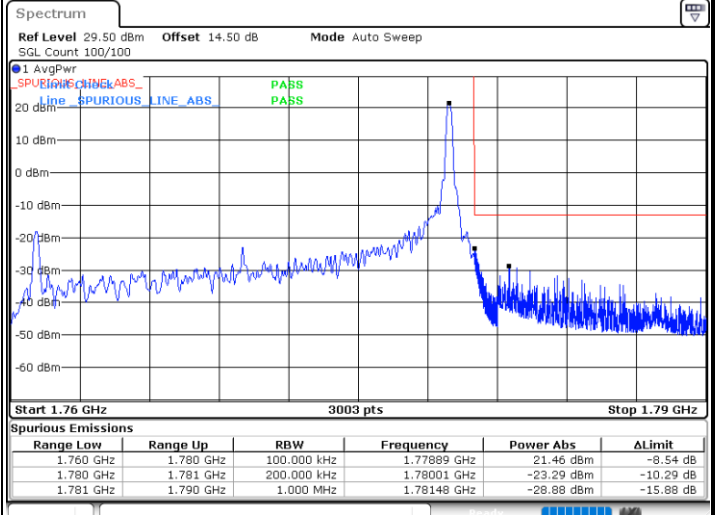


LTE Band 66 / 20MHz / QPSK

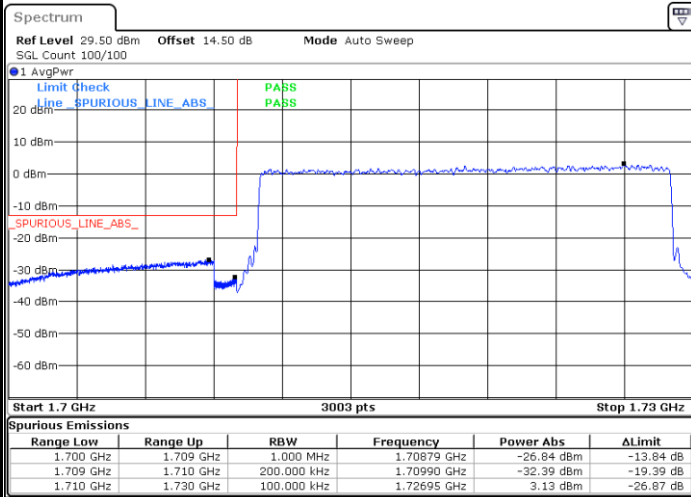
Lowest Band Edge / 1 RB



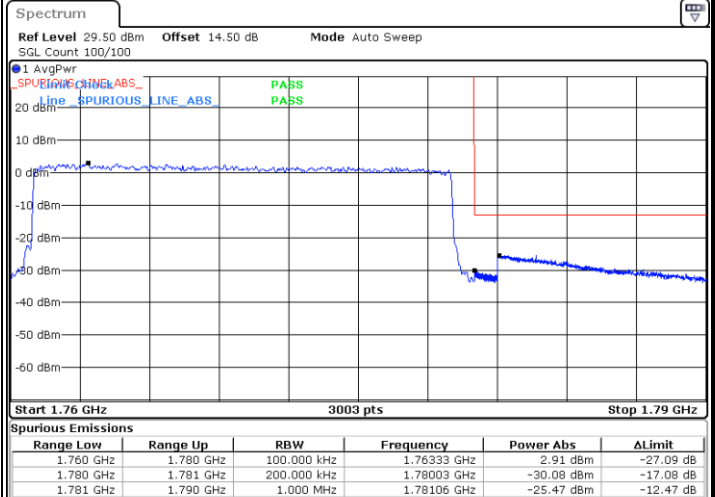
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

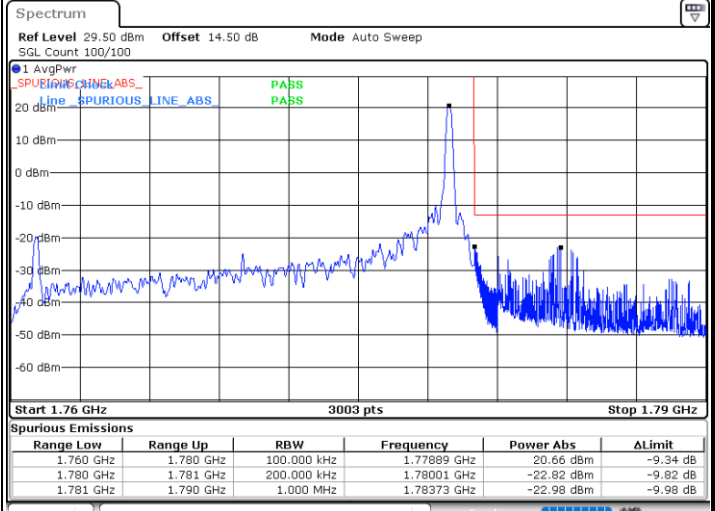
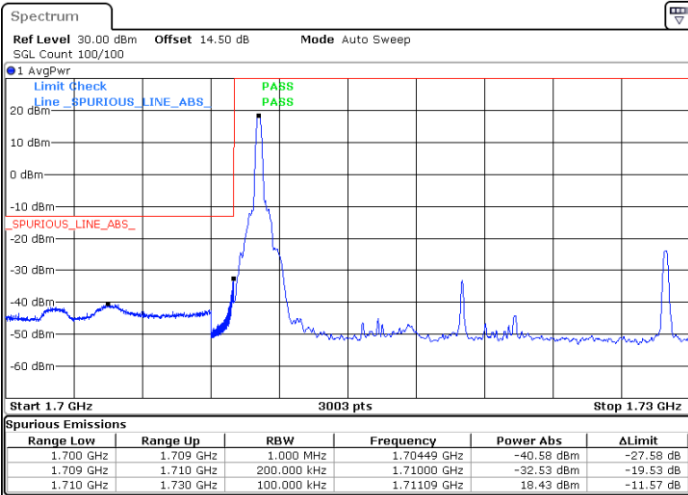




LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

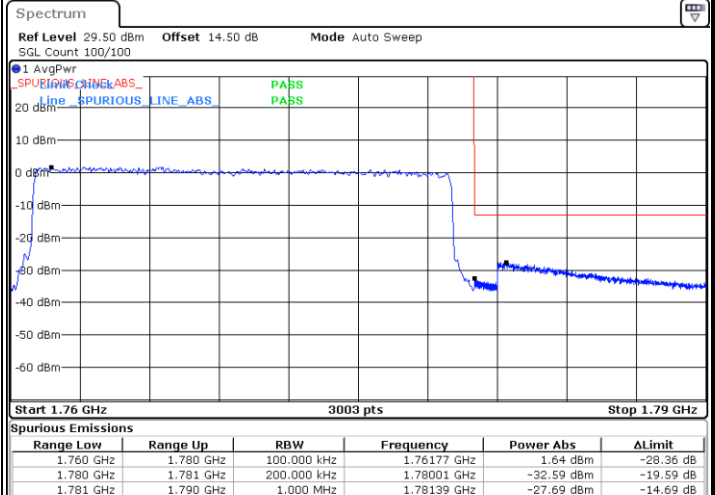
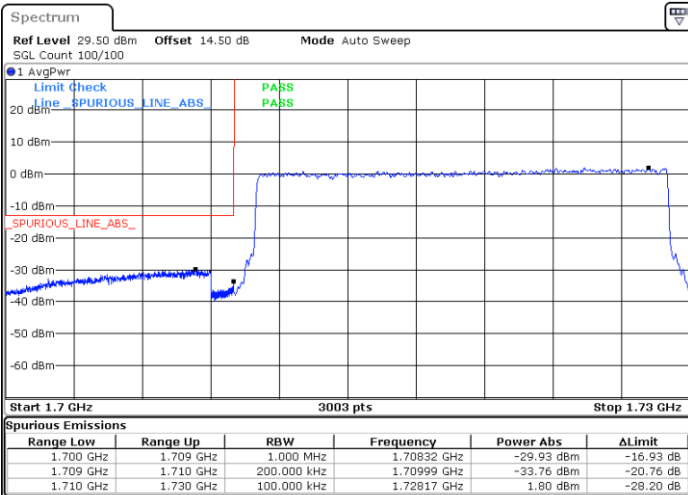
Highest Band Edge / 1 RB



Date: 11.FEB.2021 18:33:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



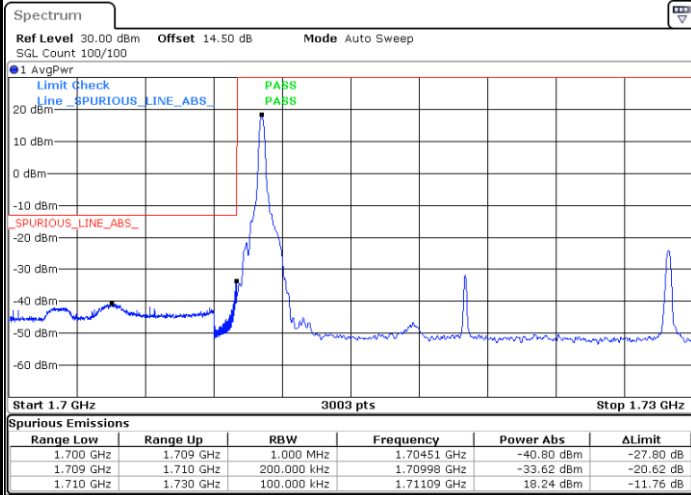
Date: 11.FEB.2021 18:26:52

Date: 11.FEB.2021 18:35:31

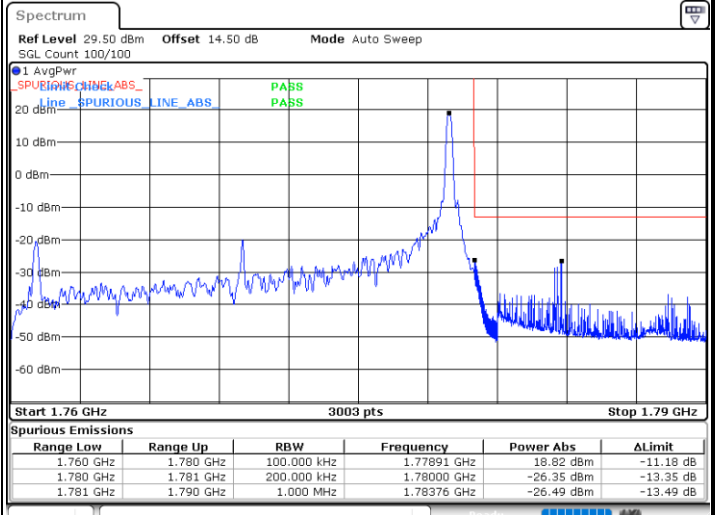


LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

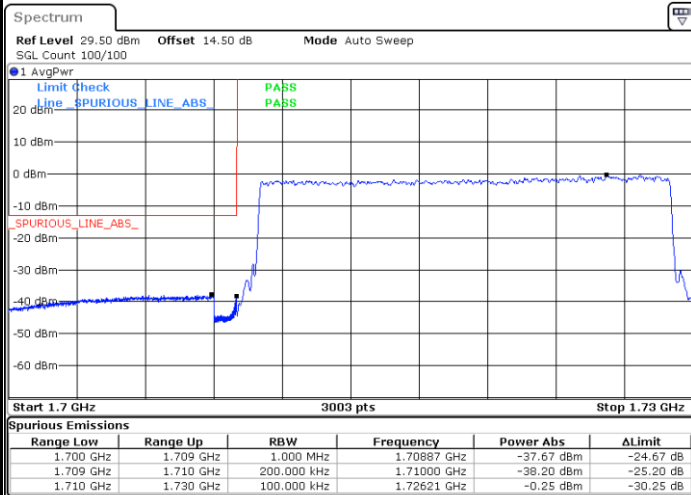


Highest Band Edge / 1 RB



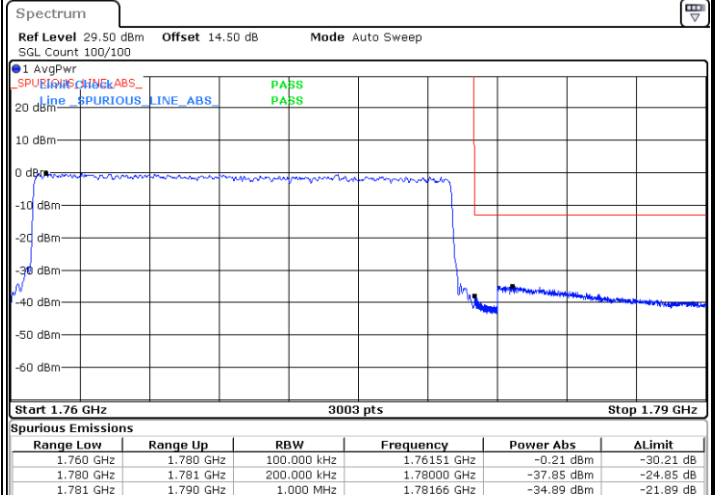
Date: 12.FEB.2021 09:17:27

Lowest Band Edge / Full RB



Date: 12.FEB.2021 09:14:05

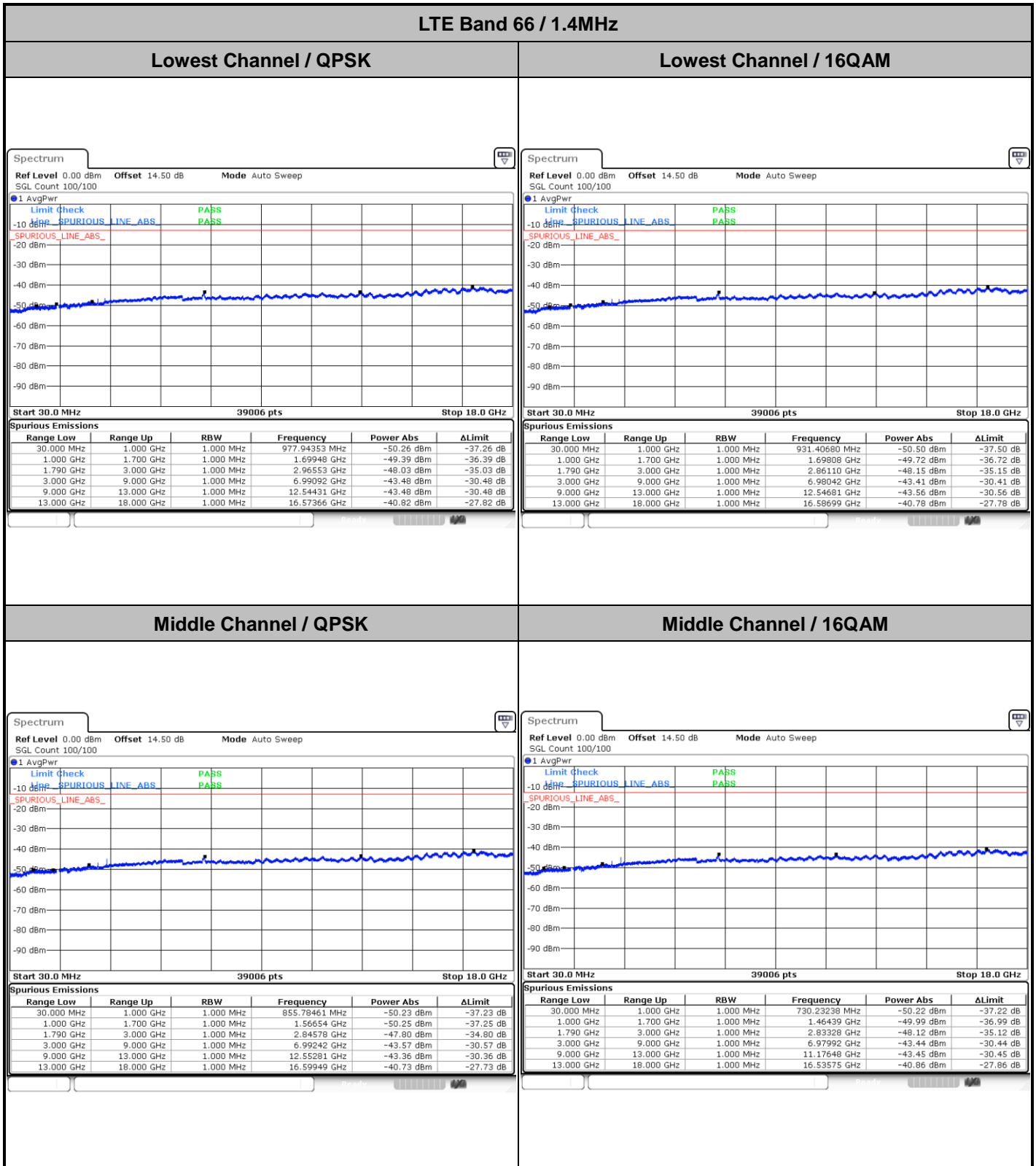
Highest Band Edge / Full RB



Date: 12.FEB.2021 09:18:26



Conducted Spurious Emission

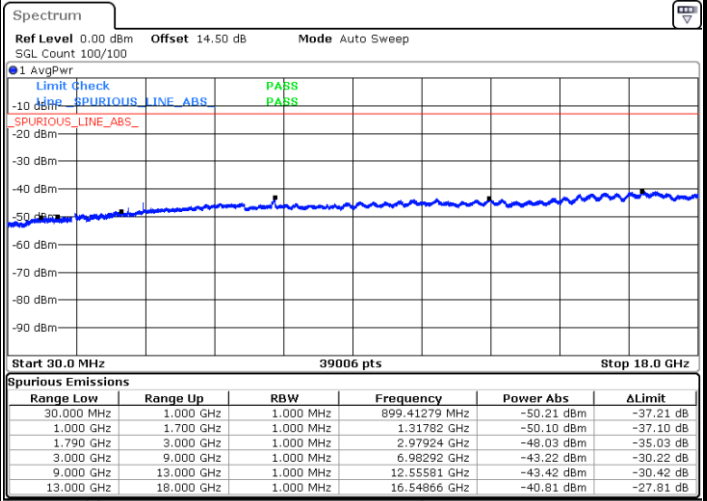
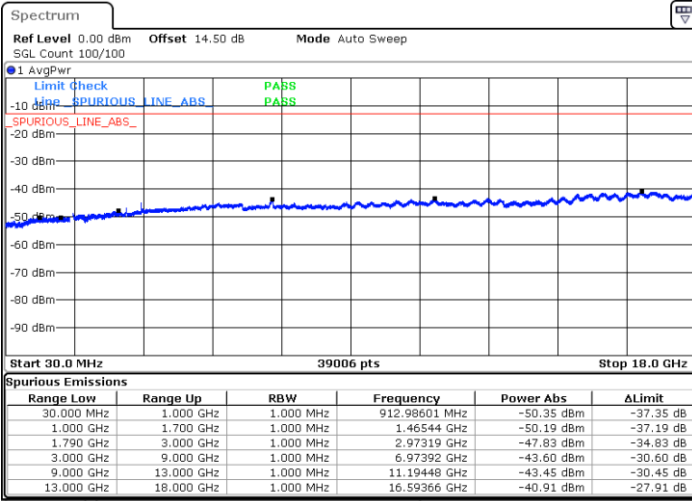




LTE Band 66 / 1.4MHz

Highest Channel / QPSK

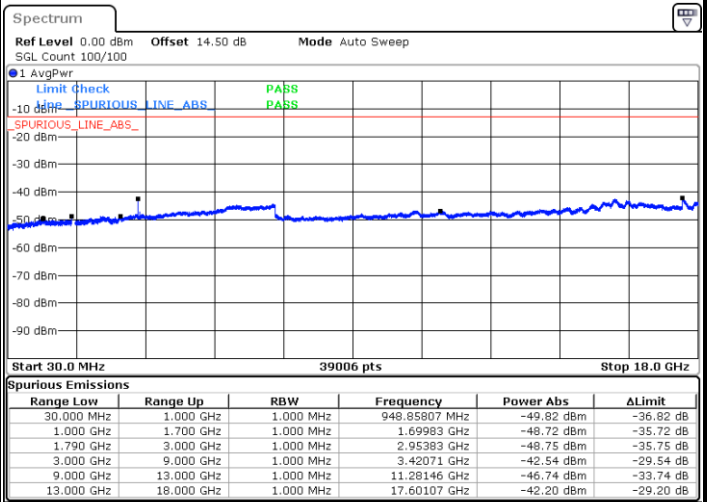
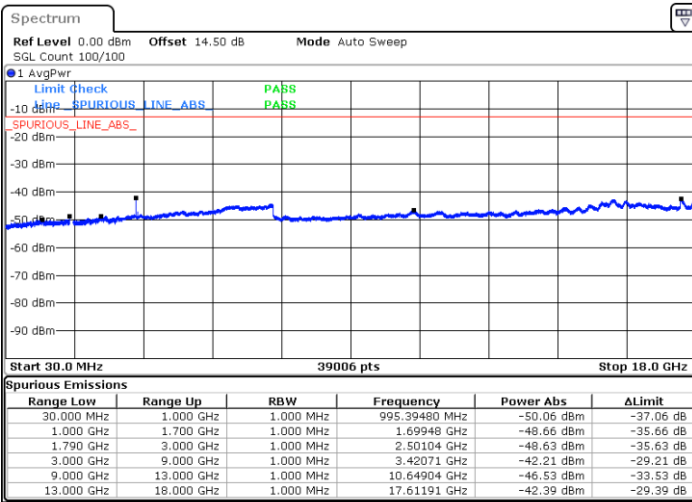
Highest Channel / 16QAM



LTE Band 66 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.FEB.2021 17:09:23

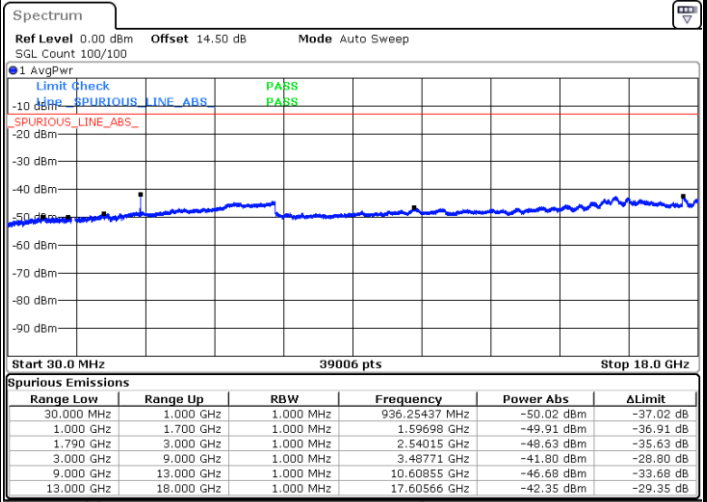
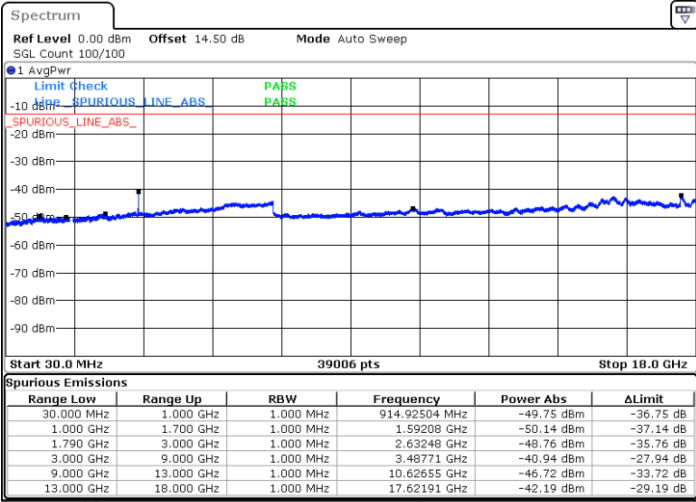
Date: 11.FEB.2021 17:10:13



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

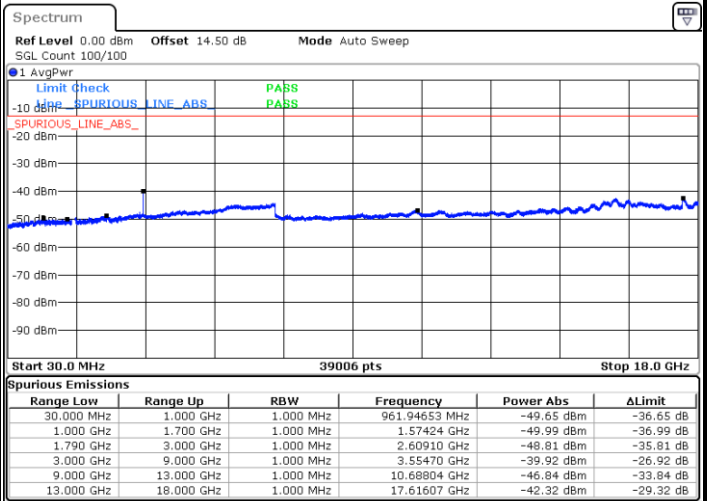
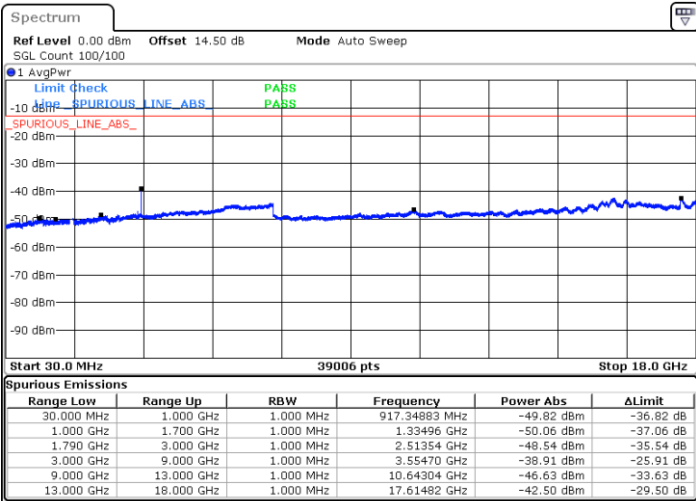


Date: 11.FEB.2021 17:11:49

Date: 11.FEB.2021 17:12:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.FEB.2021 17:18:03

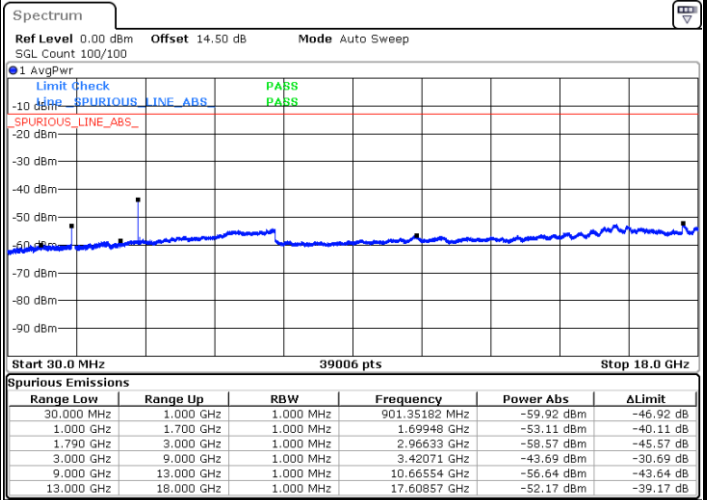
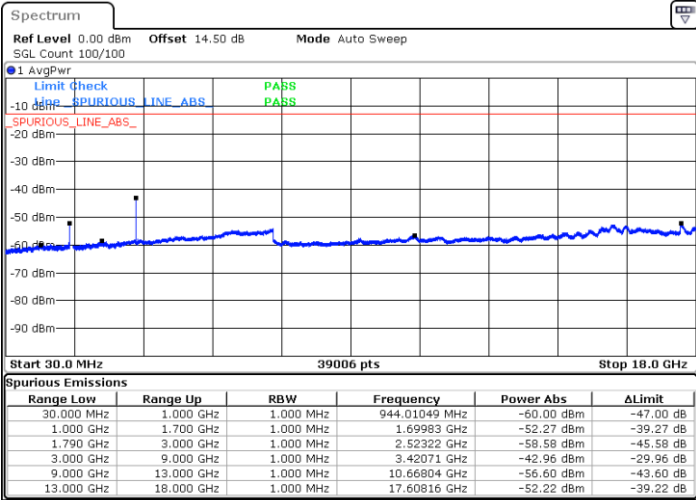
Date: 11.FEB.2021 17:18:53



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

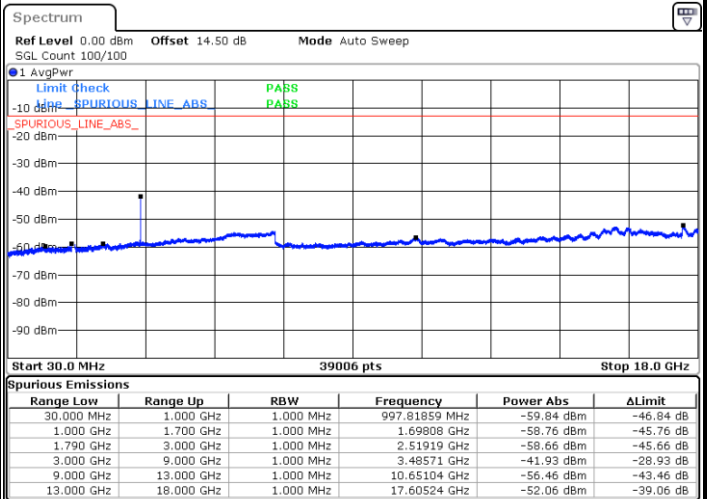
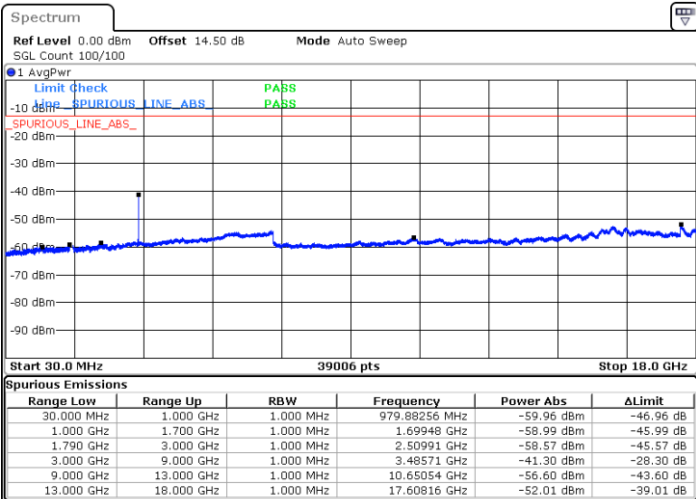


Date: 11.FEB.2021 17:24:13

Date: 11.FEB.2021 17:25:04

Middle Channel / QPSK

Middle Channel / 16QAM



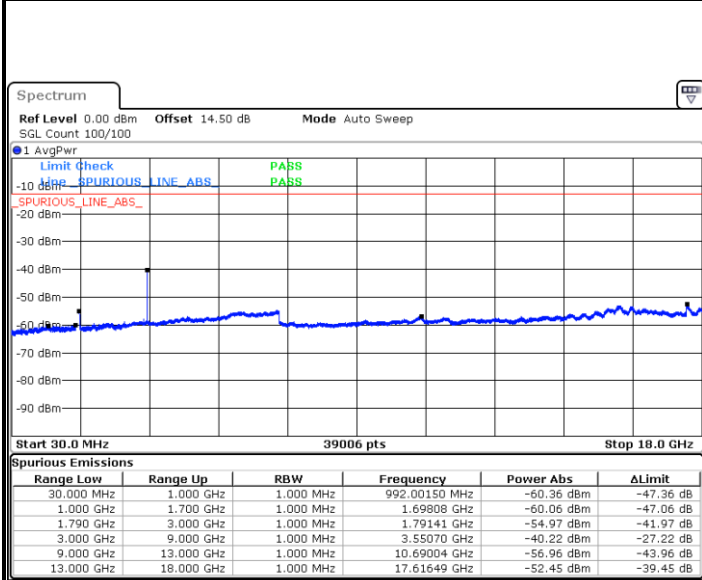
Date: 11.FEB.2021 17:26:40

Date: 11.FEB.2021 17:27:29



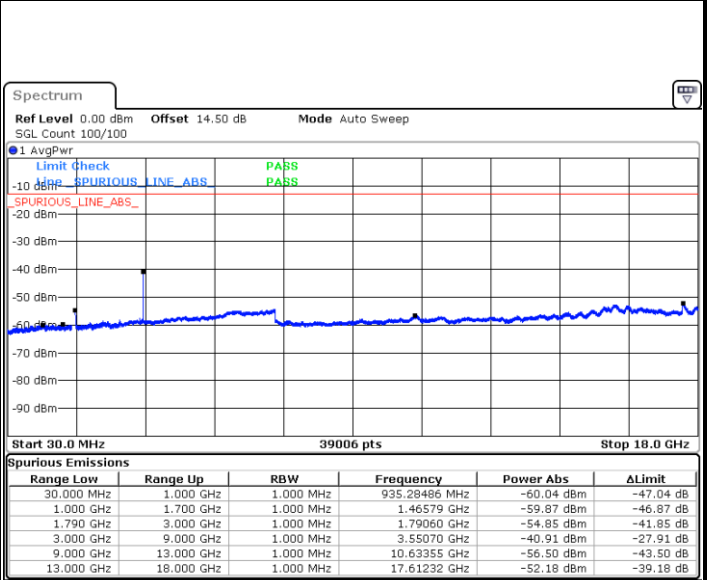
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 12.FEB.2021 10:33:24

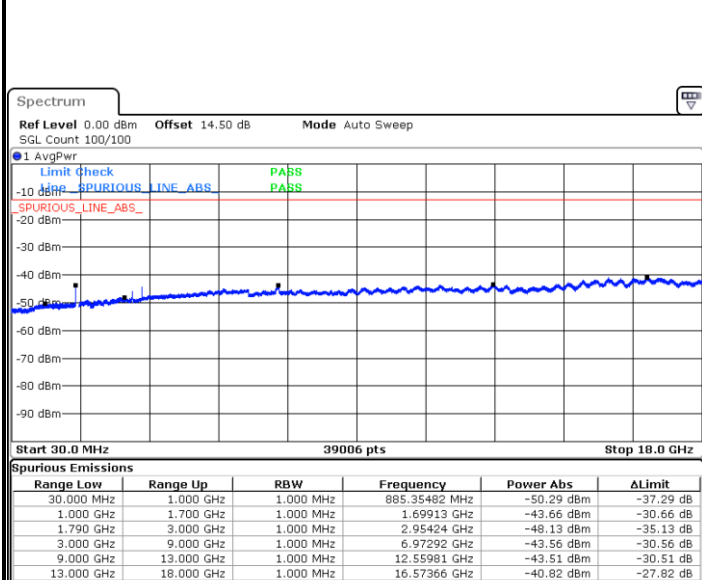
Highest Channel / 16QAM



Date: 11.FEB.2021 17:48:09

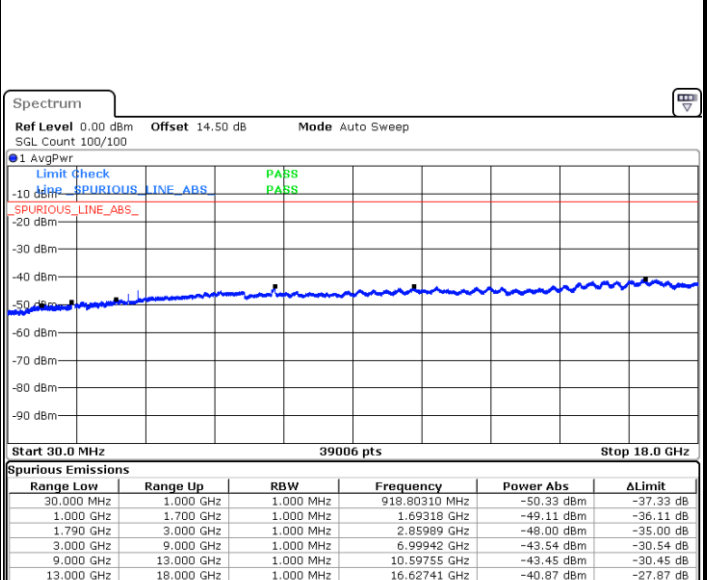
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 12.FEB.2021 10:33:24

Lowest Channel / 16QAM



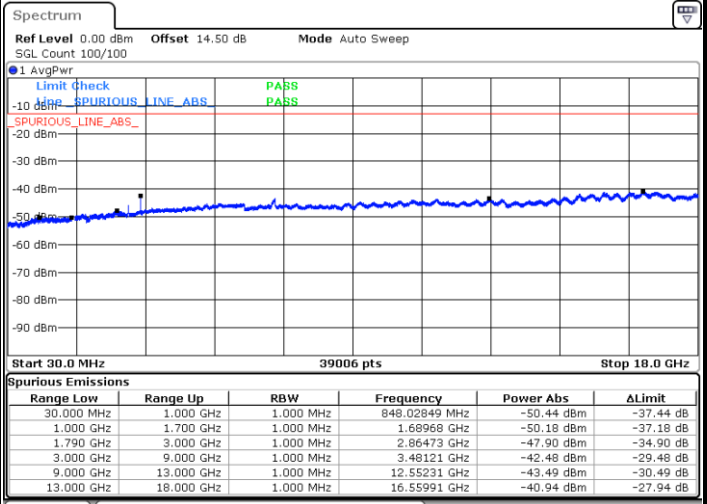
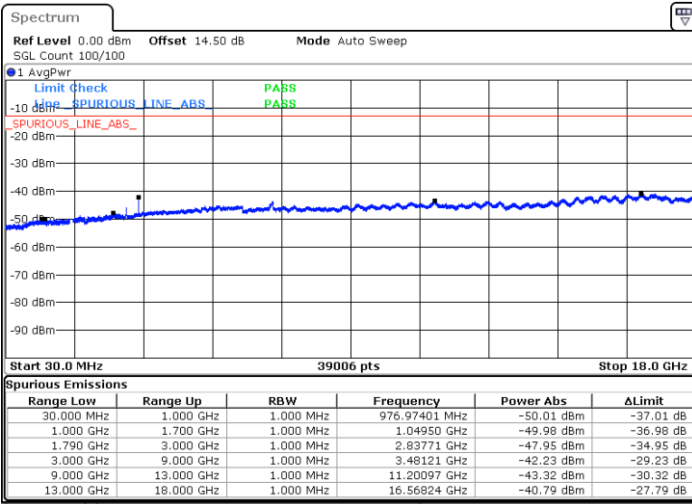
Date: 11.FEB.2021 17:48:09



LTE Band 66 / 10MHz

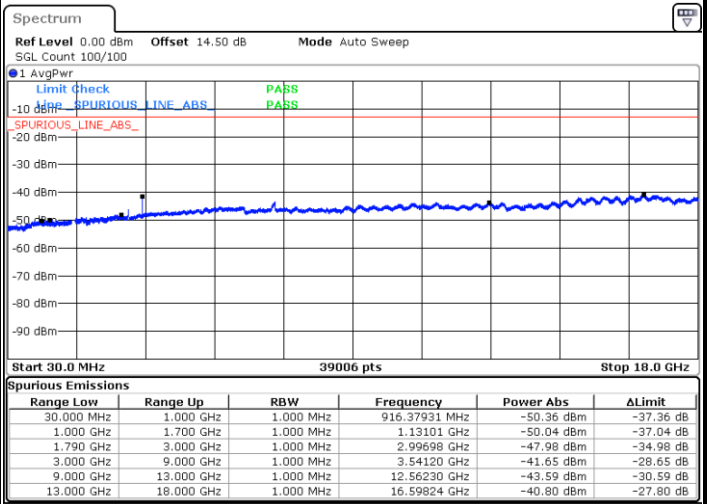
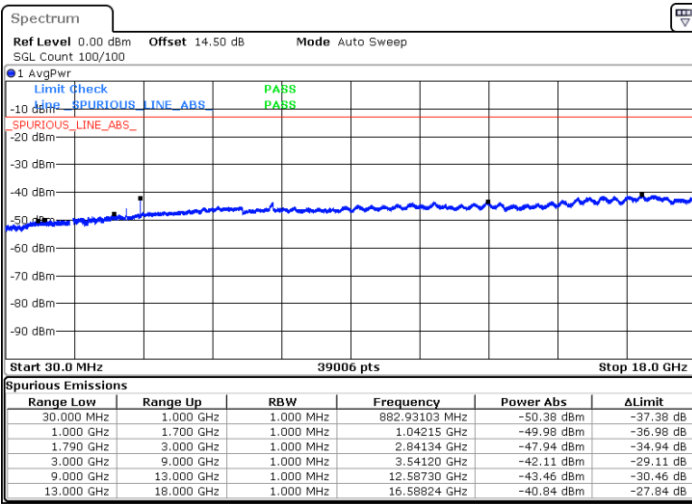
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM

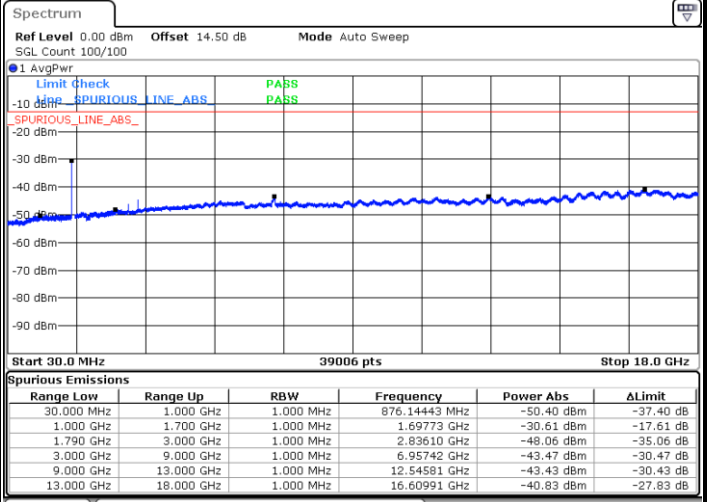
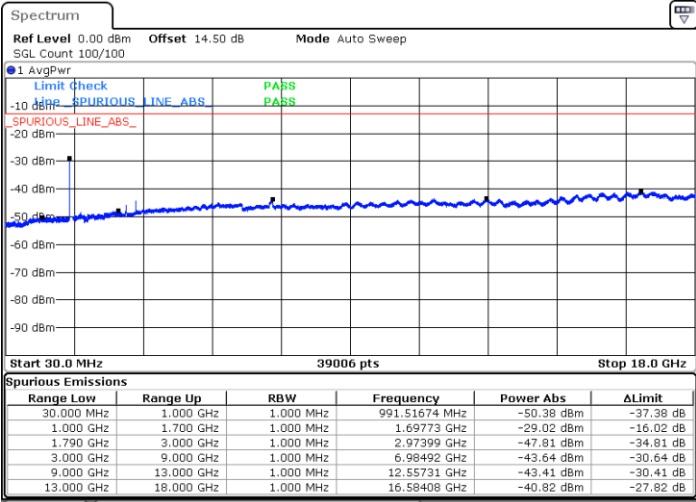




LTE Band 66 / 15MHz

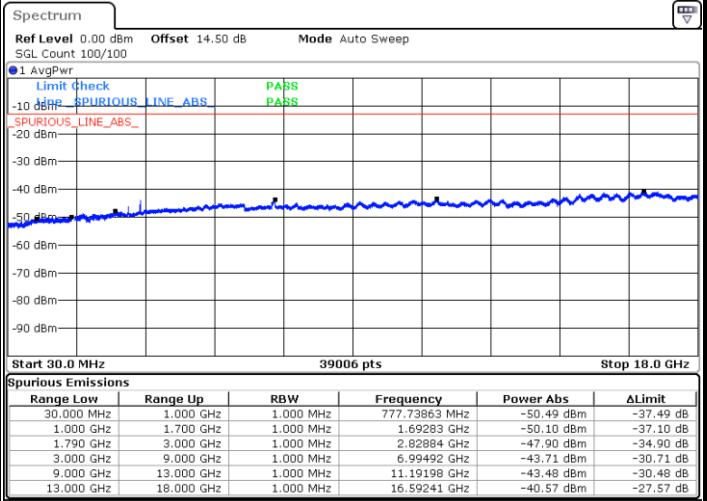
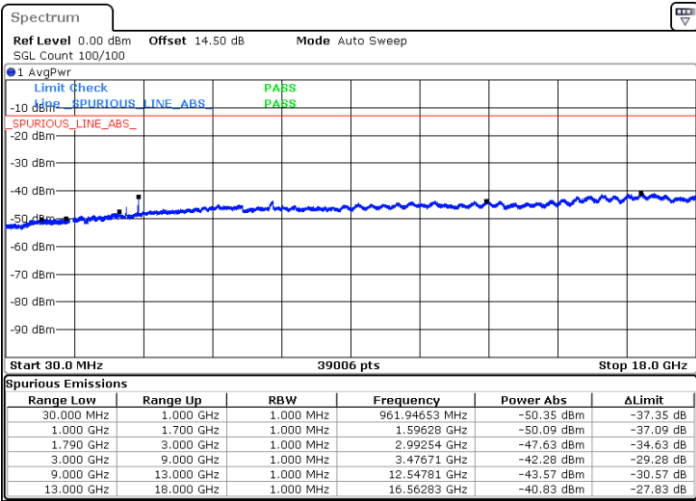
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

Middle Channel / 16QAM

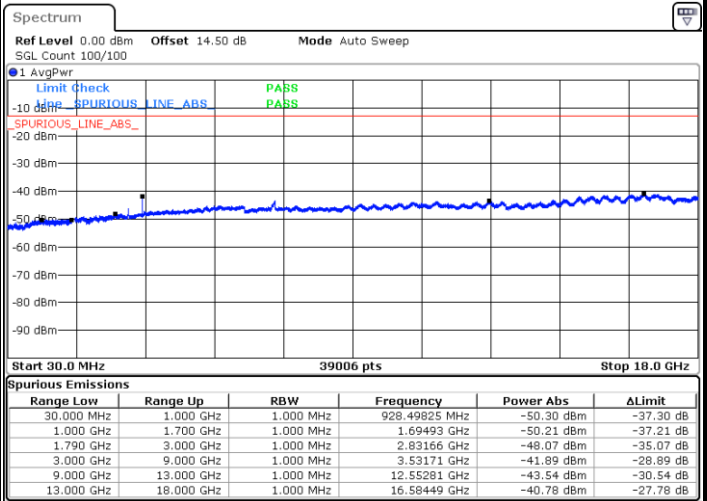
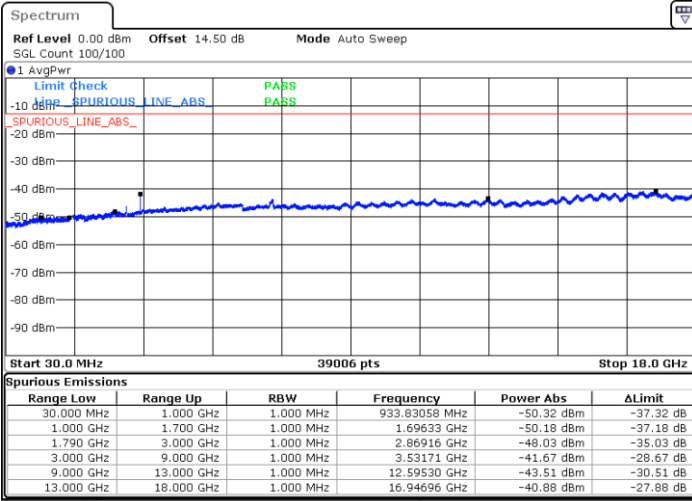




LTE Band 66 / 15MHz

Highest Channel / QPSK

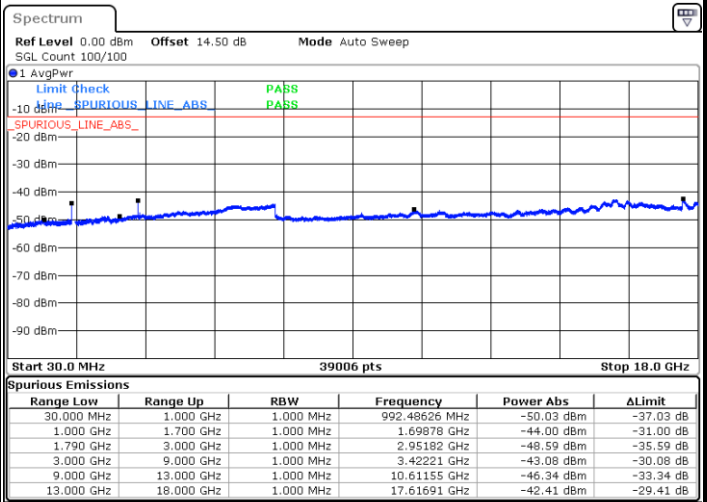
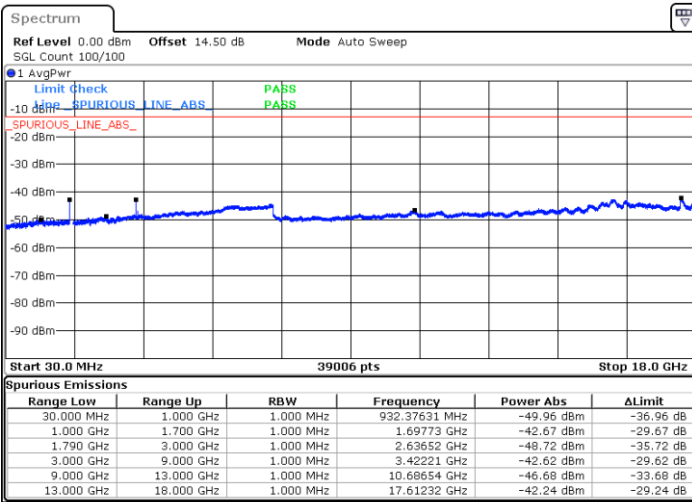
Highest Channel / 16QAM



LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.FEB.2021 18:27:41

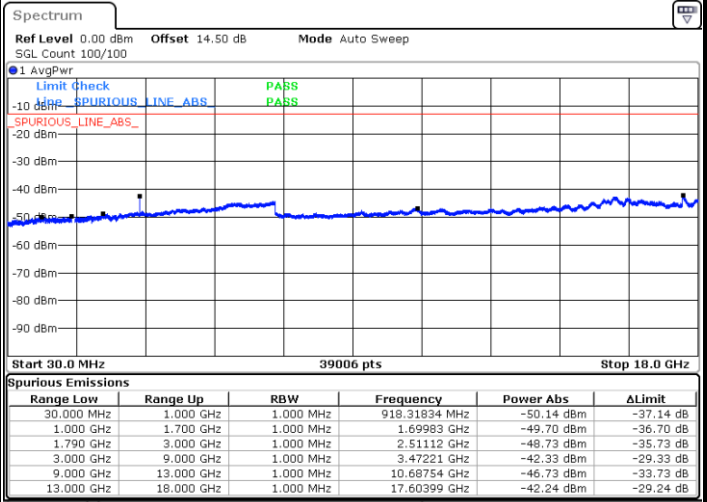
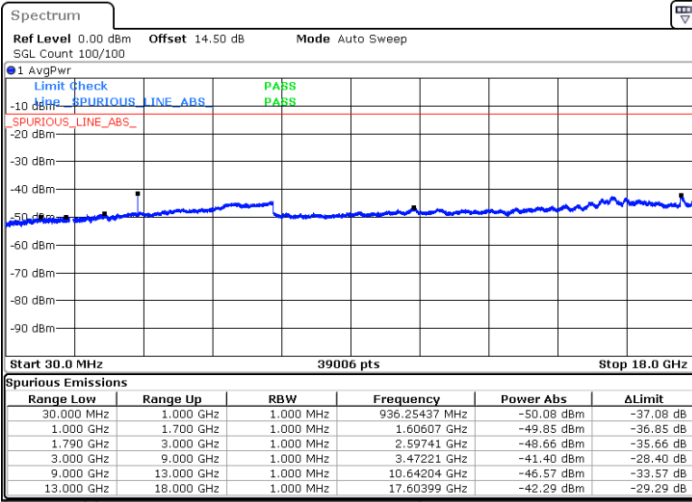
Date: 11.FEB.2021 18:28:31



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

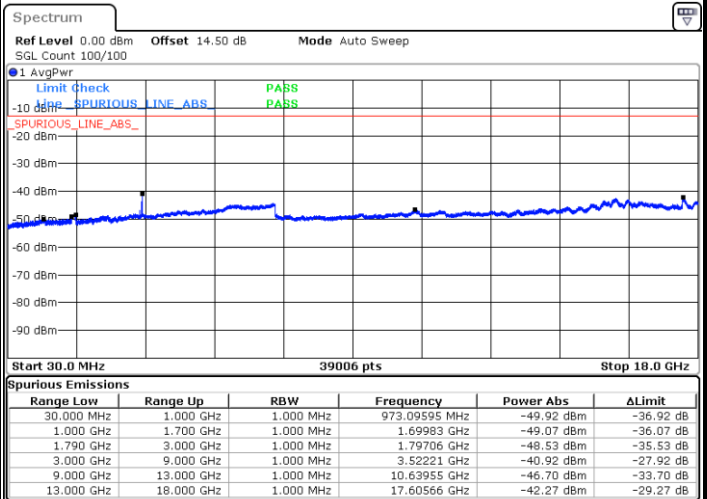
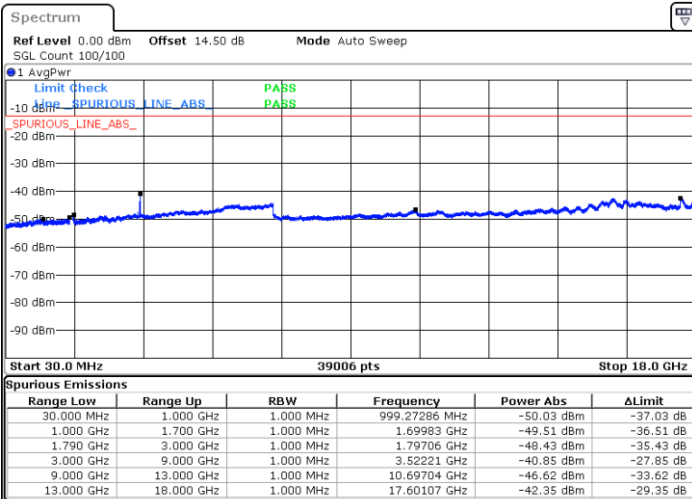


Date: 11.FEB.2021 18:30:09

Date: 11.FEB.2021 18:30:58

Highest Channel / QPSK

Highest Channel / 16QAM



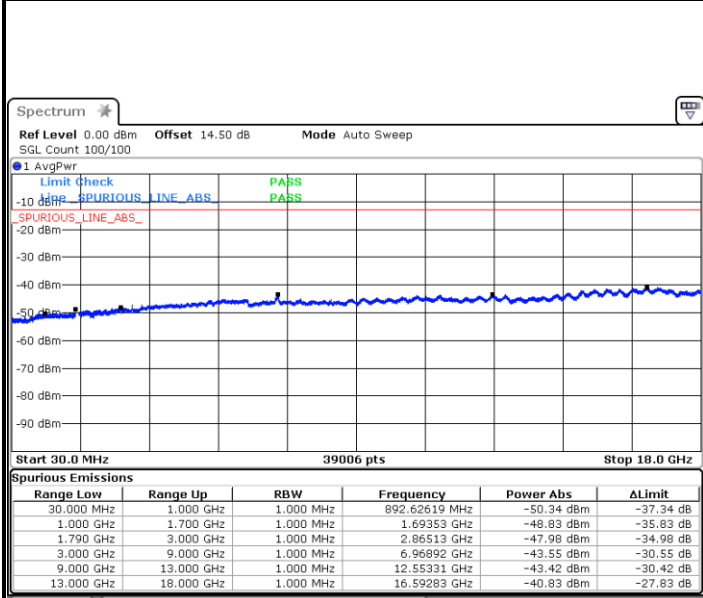
Date: 11.FEB.2021 18:36:21

Date: 11.FEB.2021 18:37:11

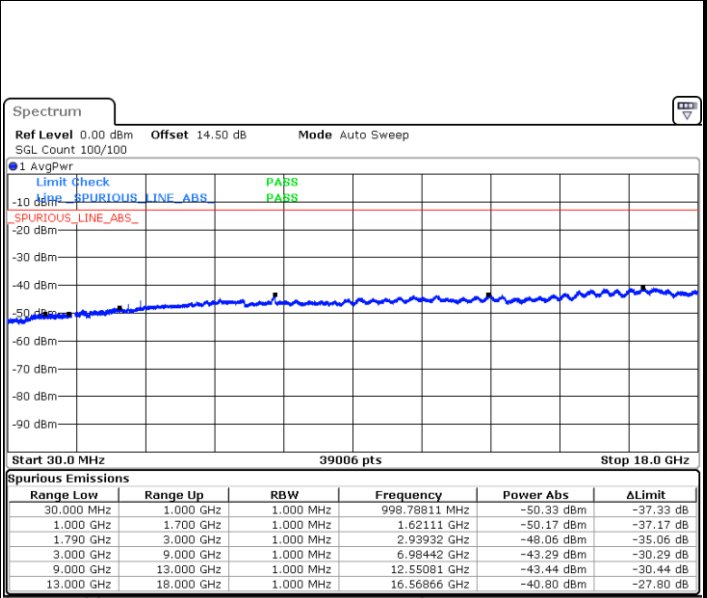


LTE Band 66 / 1.4MHz

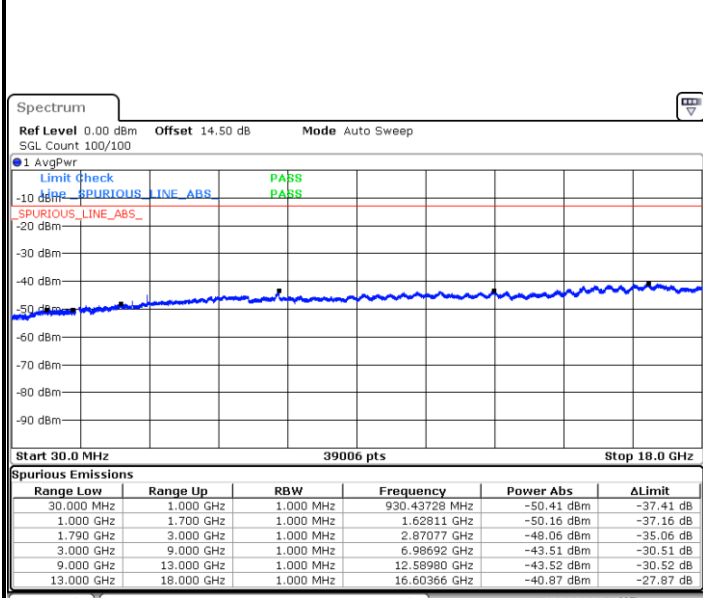
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

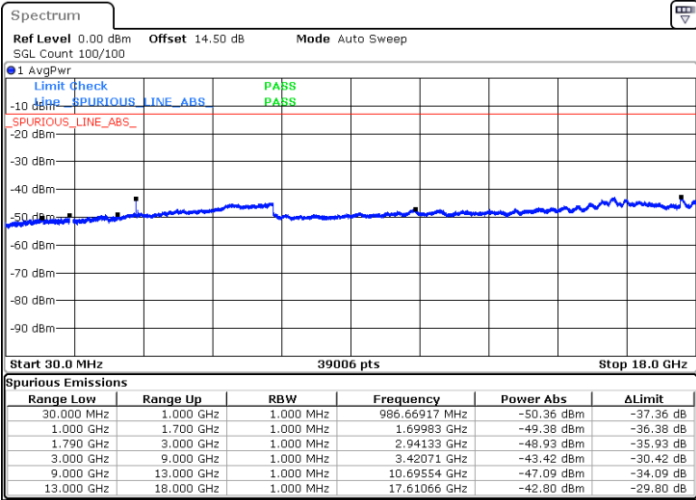




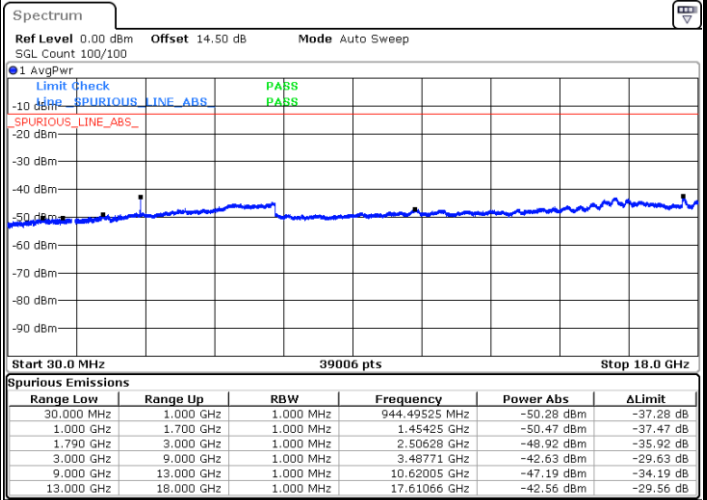
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

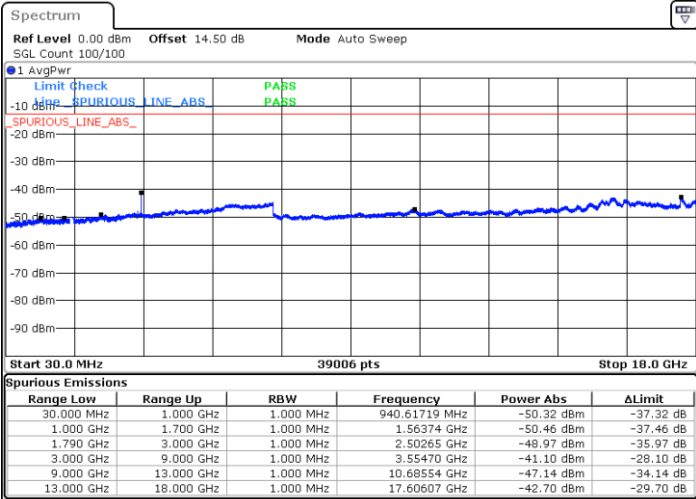


Date: 12.FEB.2021 08:45:12



Date: 12.FEB.2021 08:46:24

Highest Channel / 64QAM



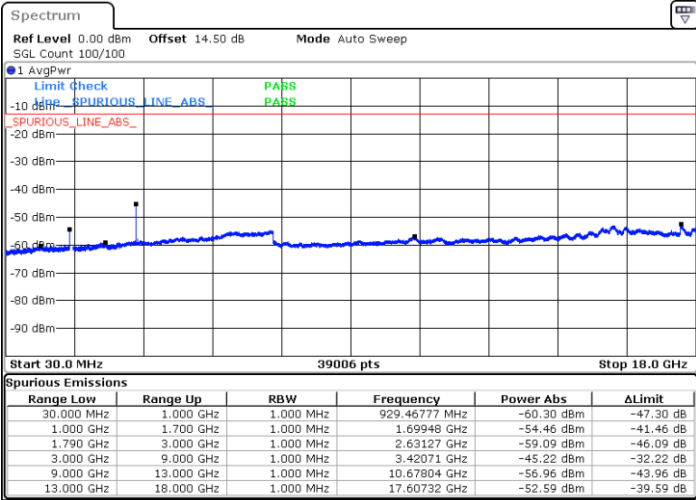
Date: 12.FEB.2021 08:49:31



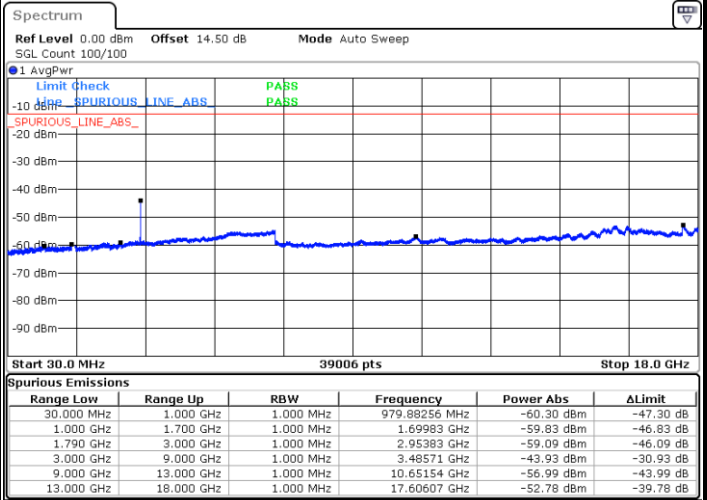
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

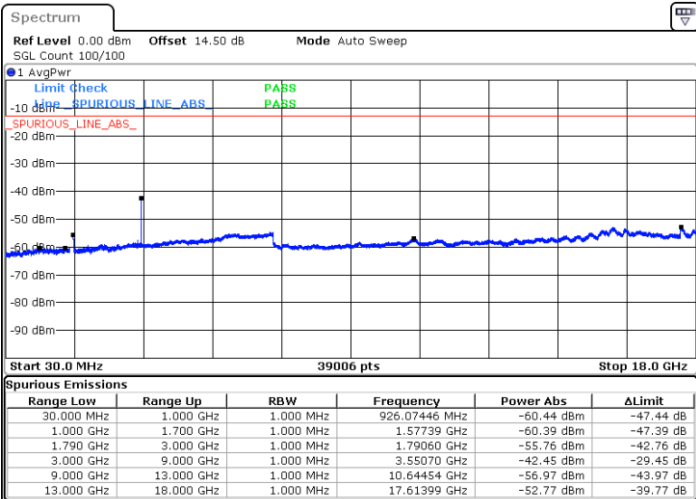


Date: 12.FEB.2021 08:52:37



Date: 12.FEB.2021 08:53:49

Highest Channel / 64QAM



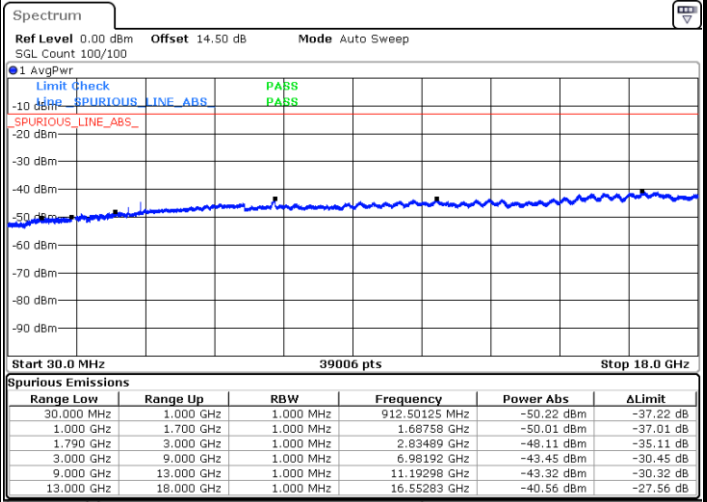
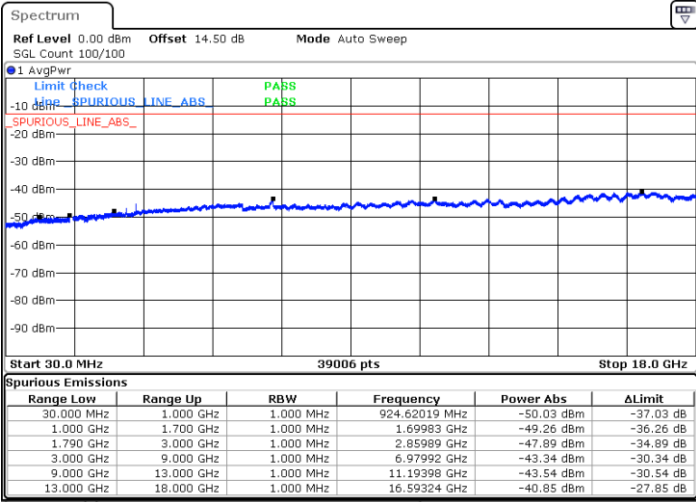
Date: 12.FEB.2021 08:56:55



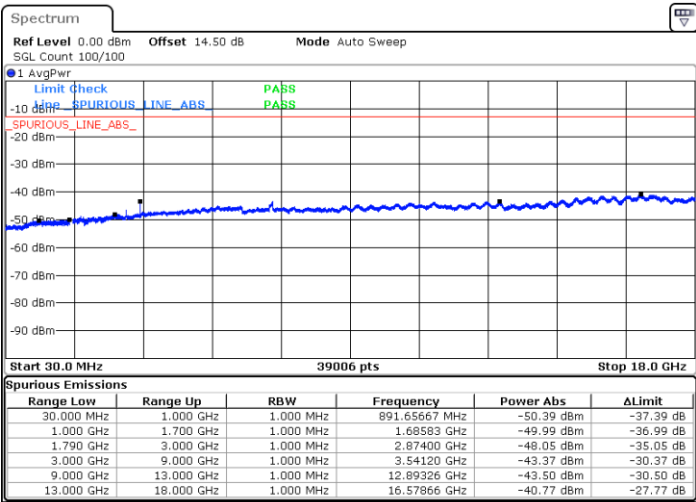
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



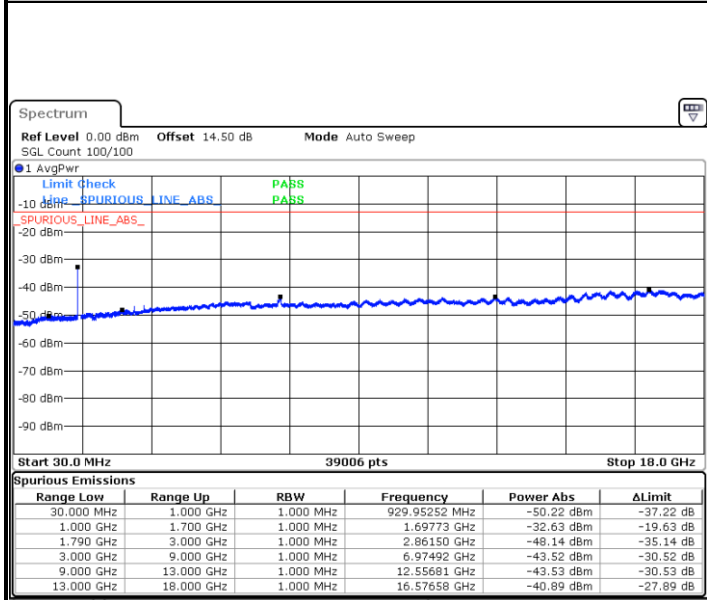
Highest Channel / 64QAM



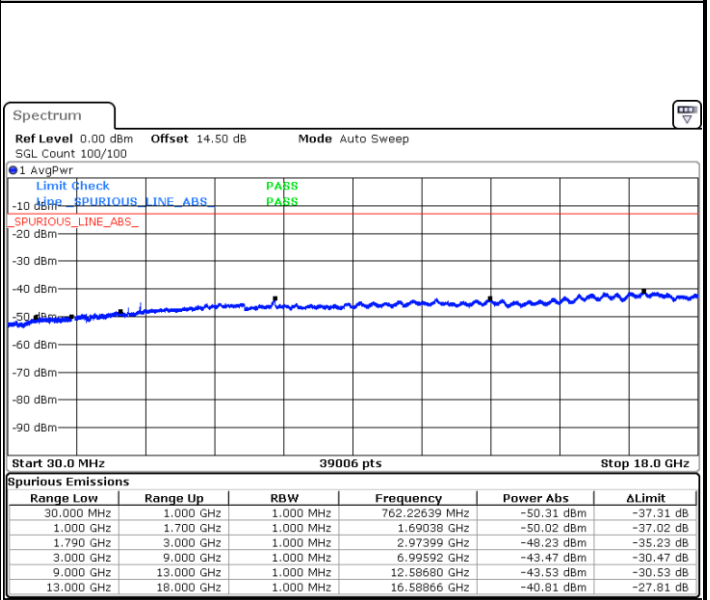


LTE Band 66 / 15MHz

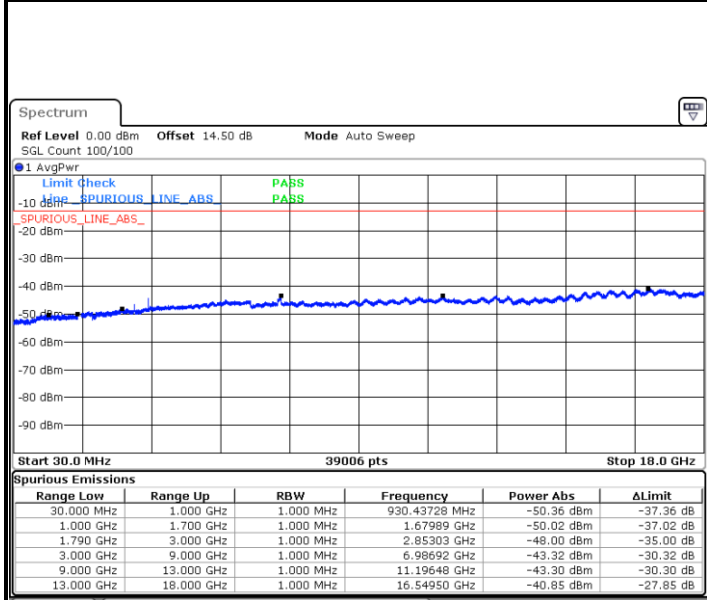
Lowest Channel / 64QAM



Middle Channel / 64QAM



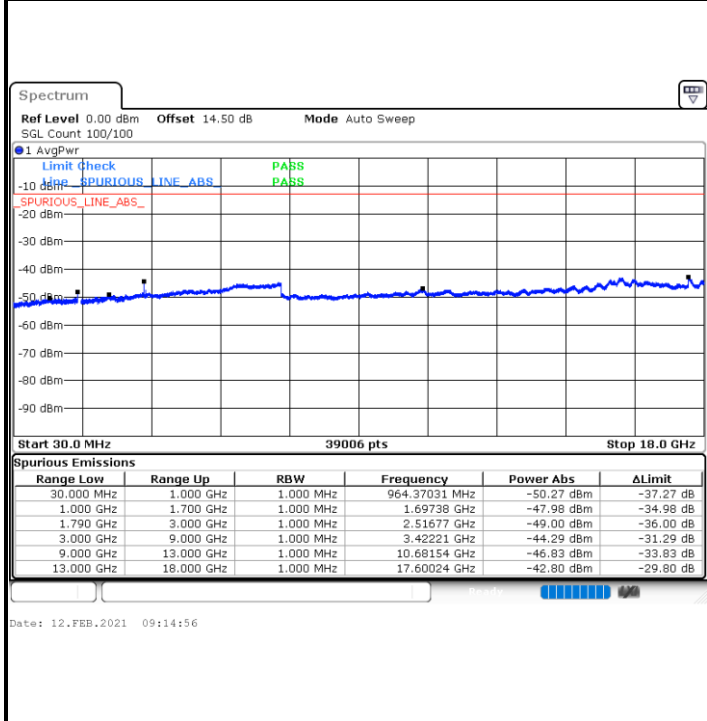
Highest Channel / 64QAM



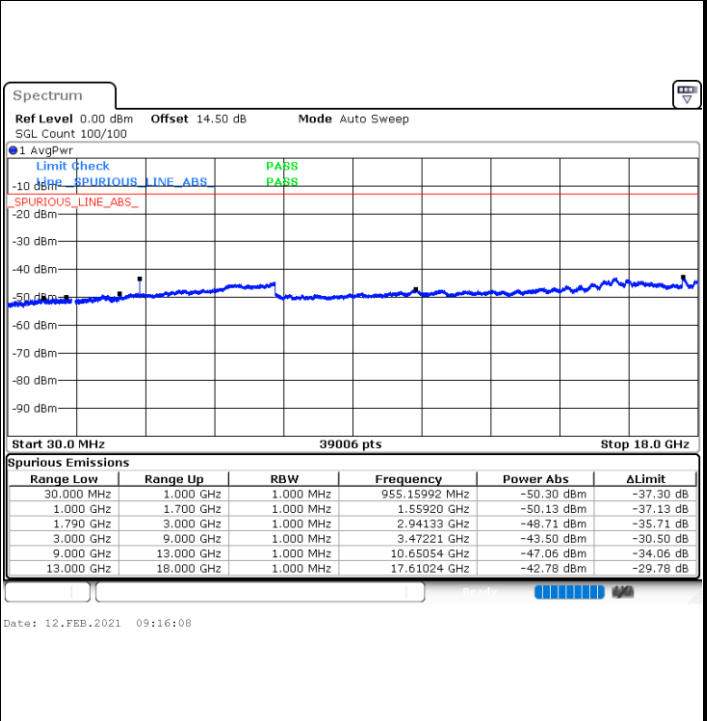


LTE Band 66 / 20MHz

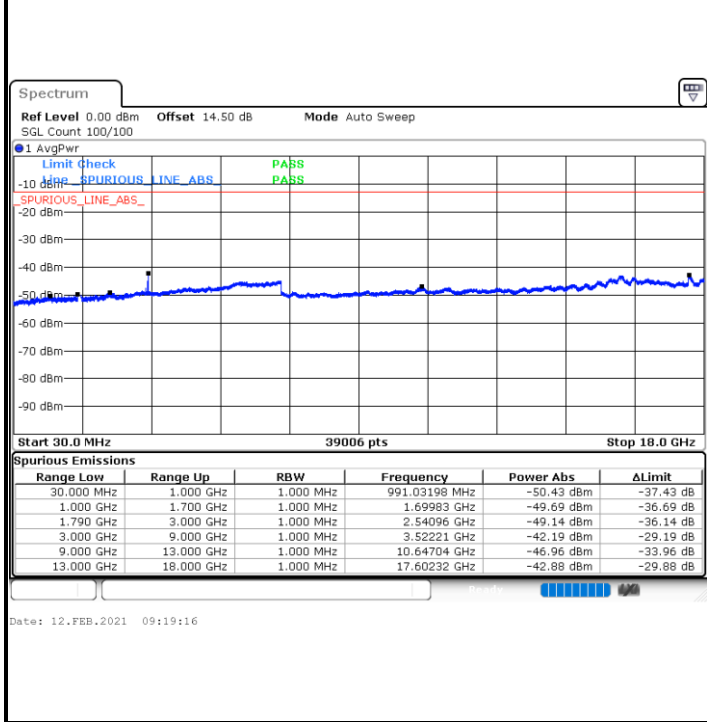
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.08	-62.32	-13	-49.32	-68.57	-66.92	5.85	12.60	H
	2496.27	-62.92	-13	-49.92	-73.21	-66.57	7.30	13.10	H
	3328.36	-64.19	-13	-51.19	-76.36	-65.19	8.35	11.50	H
	1664.08	-59.39	-13	-46.39	-65.41	-63.99	5.85	12.60	V
	2496.27	-59.78	-13	-46.78	-70.41	-63.43	7.30	13.10	V
	3328.36	-62.75	-13	-49.75	-75.33	-63.75	8.35	11.50	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-56.41	-13	-43.41	-69.23	-63.16	5.85	12.60	H
	5208	-60.06	-13	-47.06	-77.52	-65.86	7.30	13.10	H
	6944	-57.11	-13	-44.11	-78.02	-60.26	8.35	11.50	H
	3472	-55.91	-13	-42.91	-69.28	-62.66	5.85	12.60	V
	5208	-60.11	-13	-47.11	-77.52	-65.91	7.30	13.10	V
	6944	-56.97	-13	-43.97	-77.93	-60.12	8.35	11.50	V

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



Appendix D. Reference Report

Please refer to Sporton report number FG120201B which is issued separately.