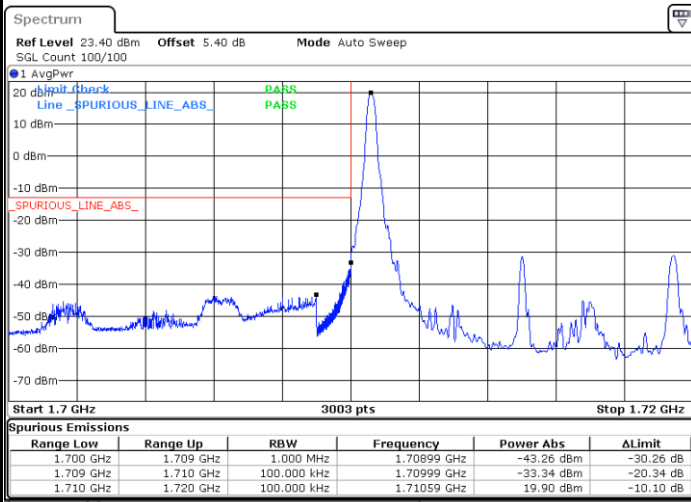




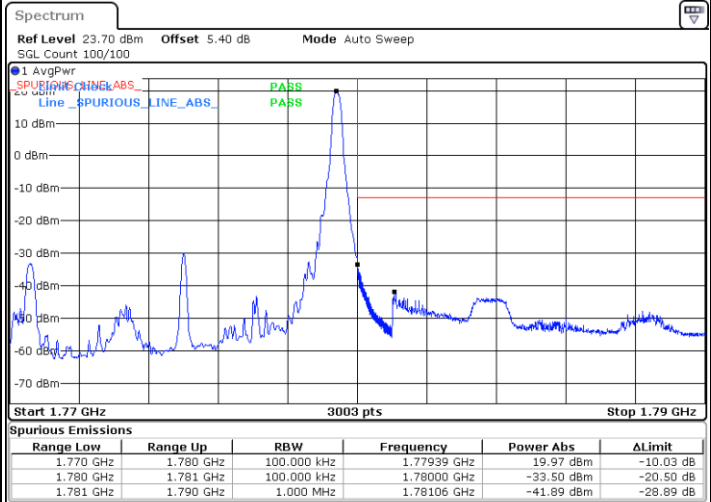
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



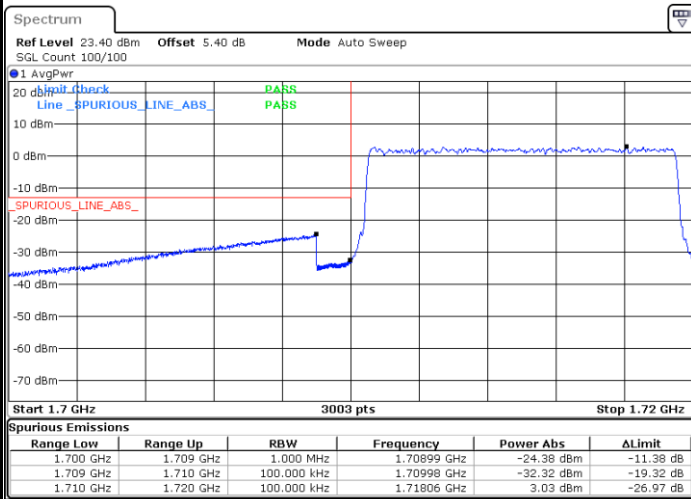
Date: 11.JUL.2020 06:17:11

Highest Band Edge / 1 RB



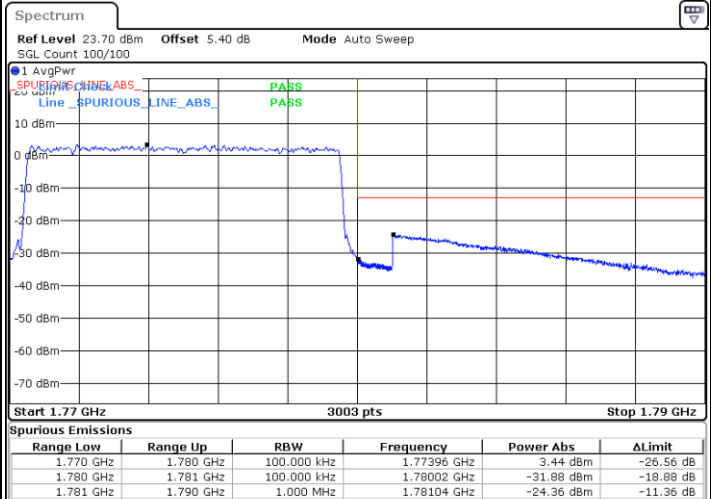
Date: 11.JUL.2020 06:27:43

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:16:58

Highest Band Edge / Full RB

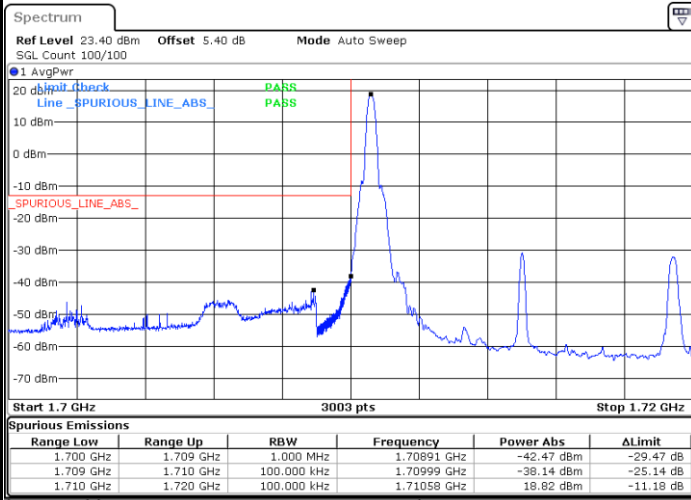


Date: 11.JUL.2020 06:27:24



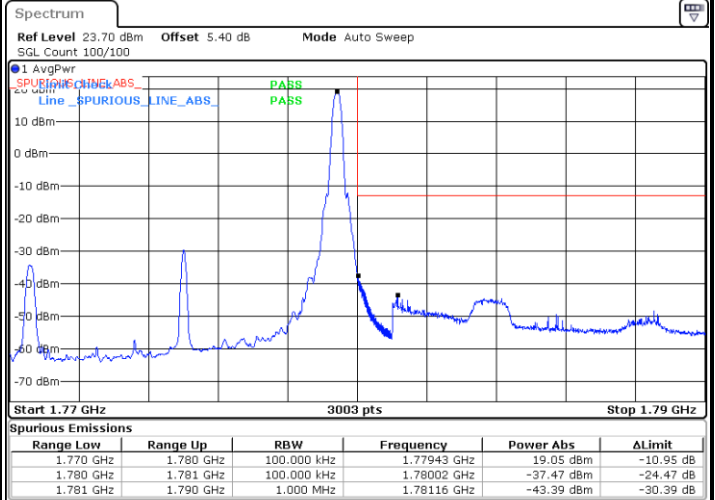
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



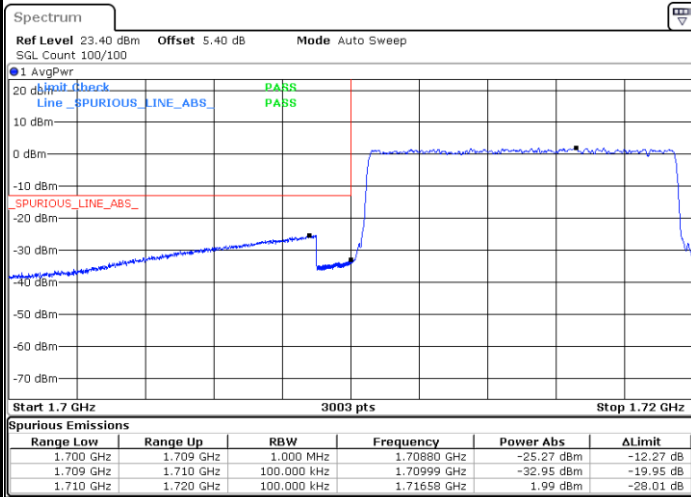
Date: 11.JUL.2020 06:18:35

Highest Band Edge / 1 RB



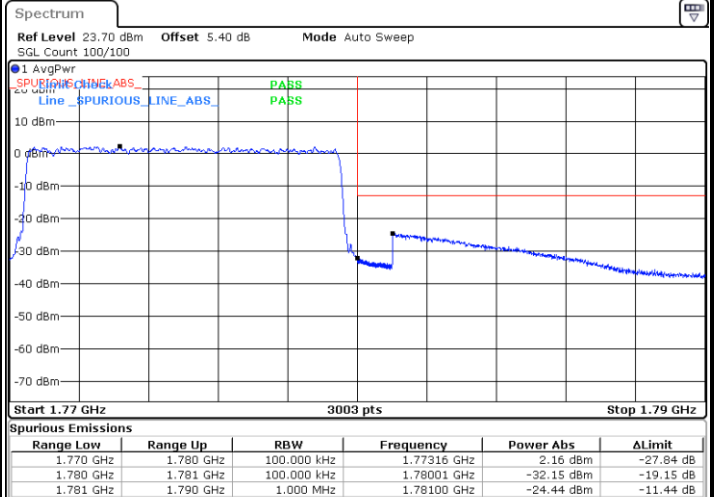
Date: 11.JUL.2020 06:29:08

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:18:19

Highest Band Edge / Full RB

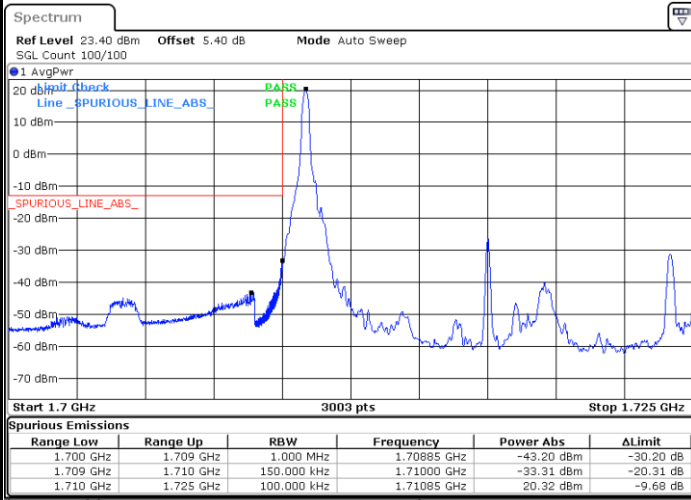


Date: 11.JUL.2020 06:28:54



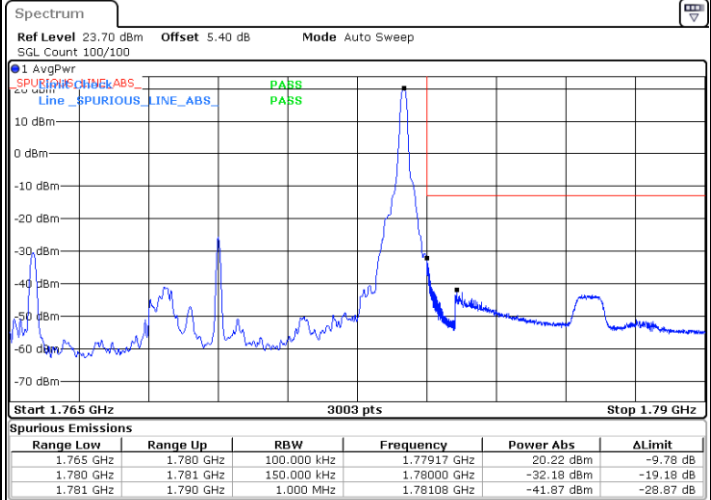
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



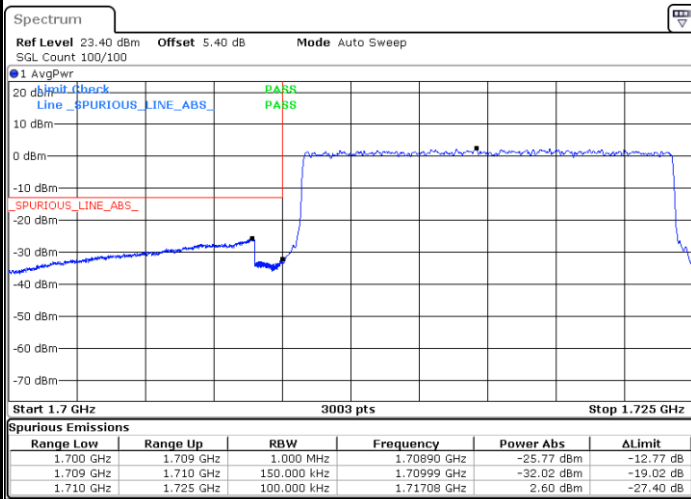
Date: 11.JUL.2020 06:32:19

Highest Band Edge / 1 RB



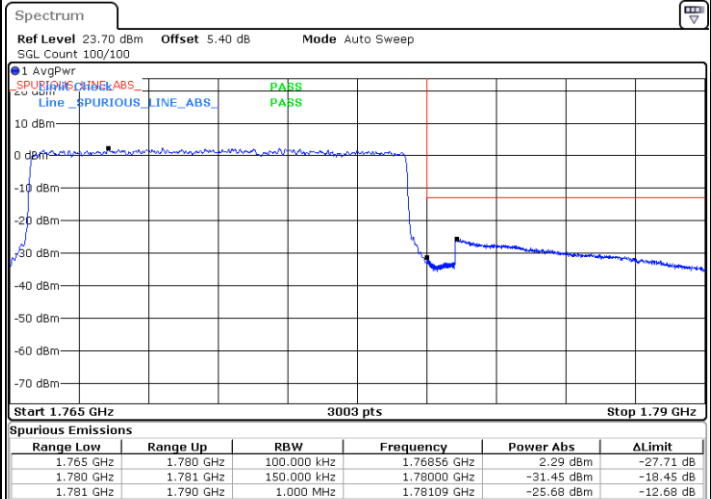
Date: 11.JUL.2020 06:40:49

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:32:09

Highest Band Edge / Full RB

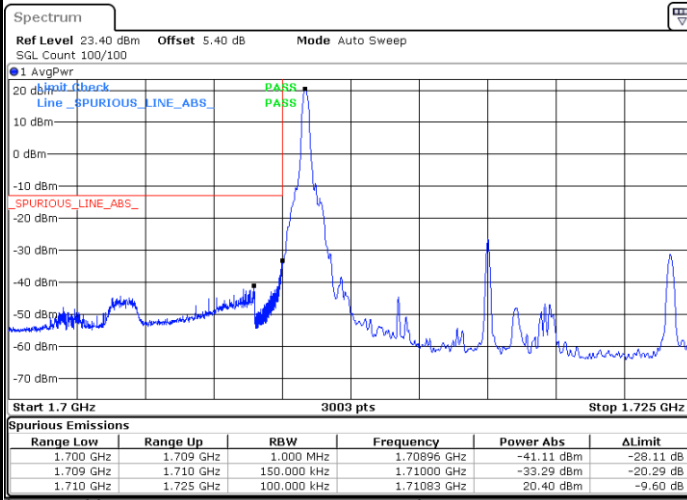


Date: 11.JUL.2020 06:40:30



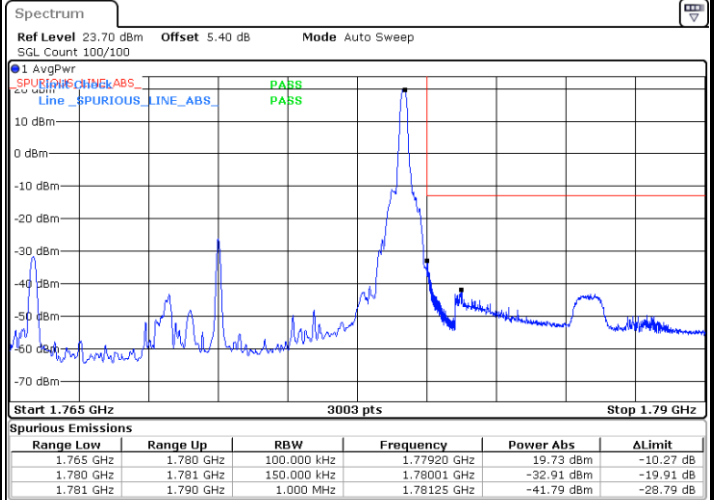
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



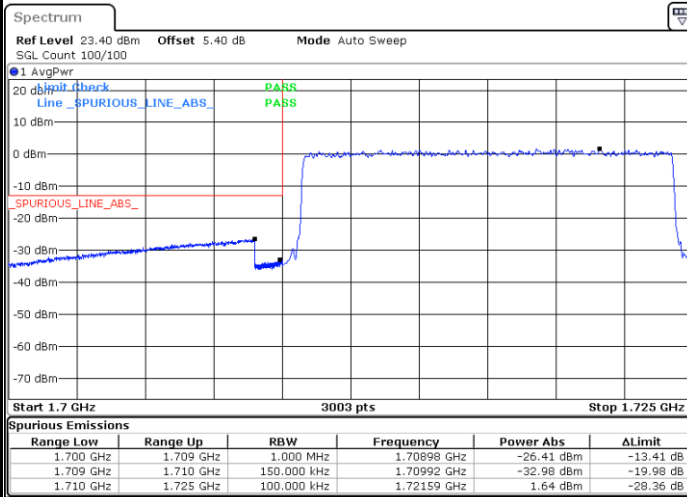
Date: 11.JUL.2020 06:33:46

Highest Band Edge / 1 RB



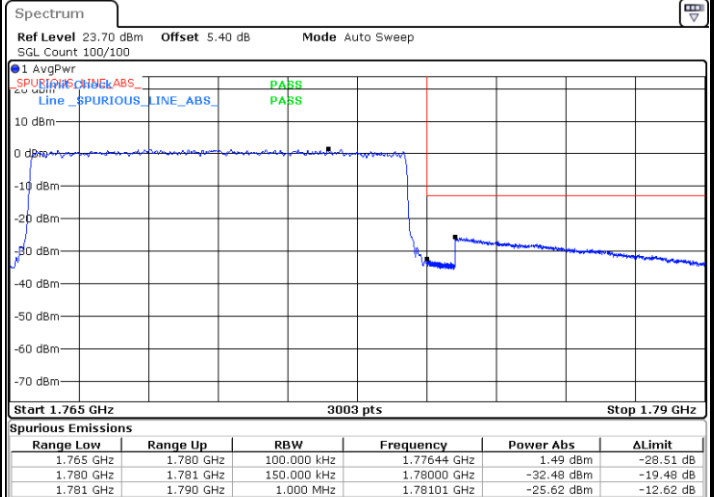
Date: 11.JUL.2020 06:42:42

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:33:31

Highest Band Edge / Full RB

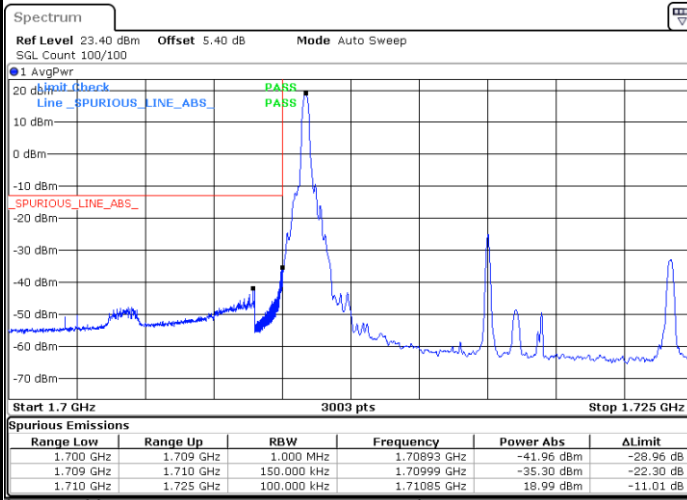


Date: 11.JUL.2020 06:42:24



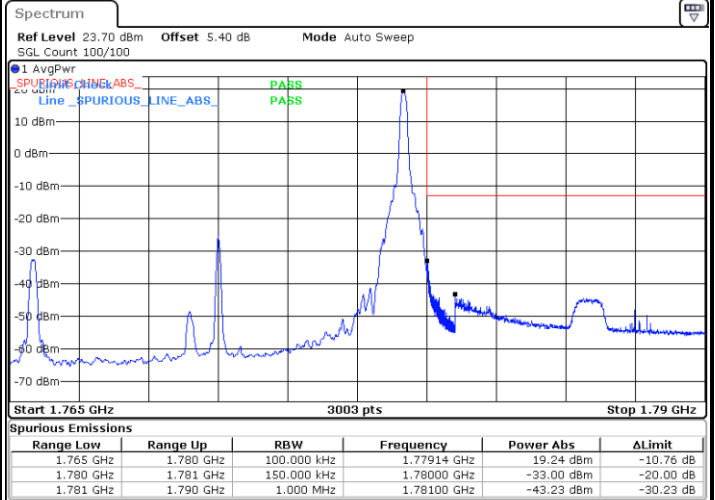
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



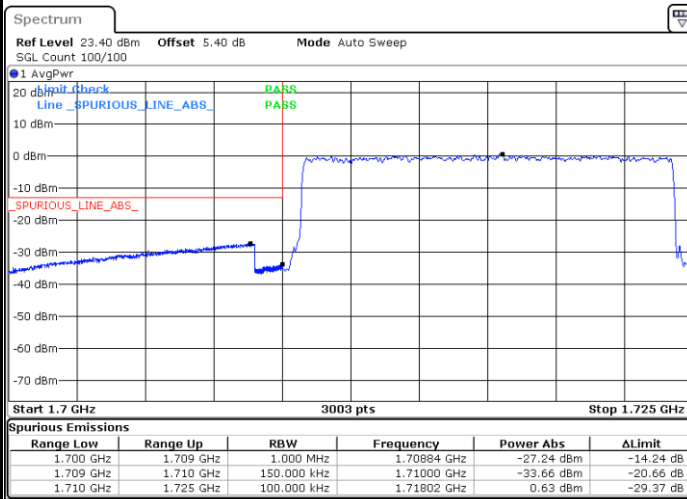
Date: 11.JUL.2020 06:35:16

Highest Band Edge / 1 RB



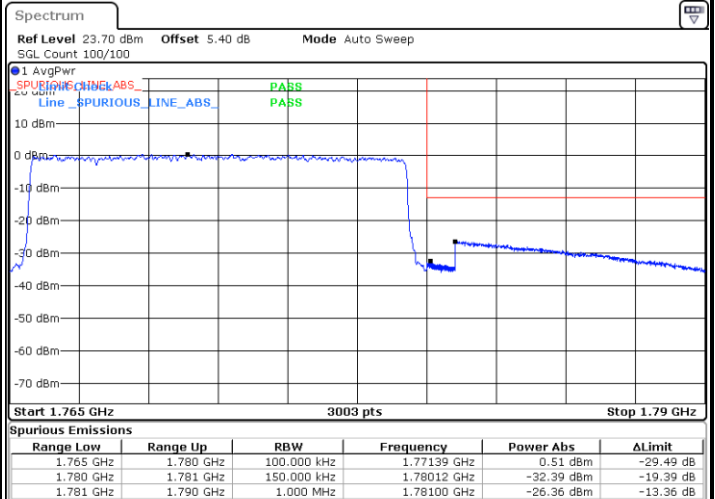
Date: 11.JUL.2020 06:44:07

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:35:03

Highest Band Edge / Full RB

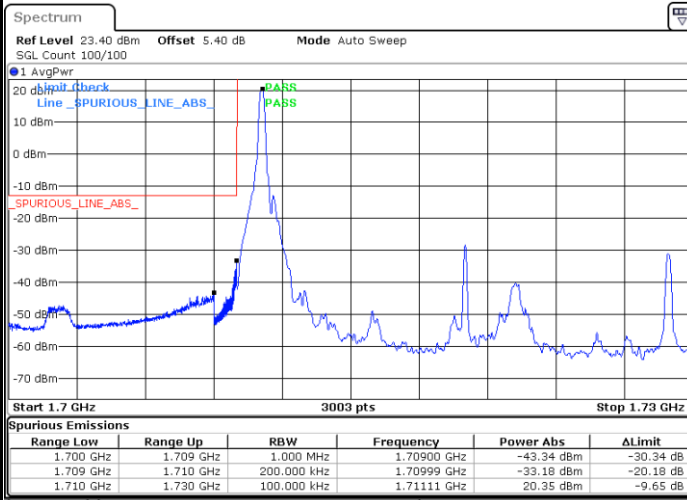


Date: 11.JUL.2020 06:43:53



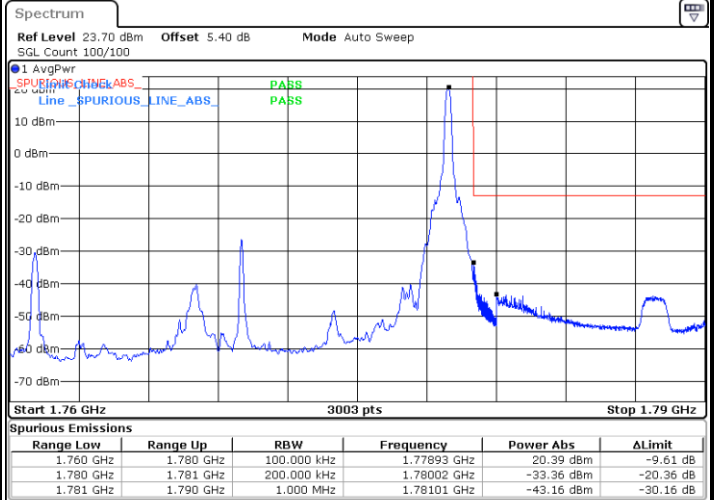
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



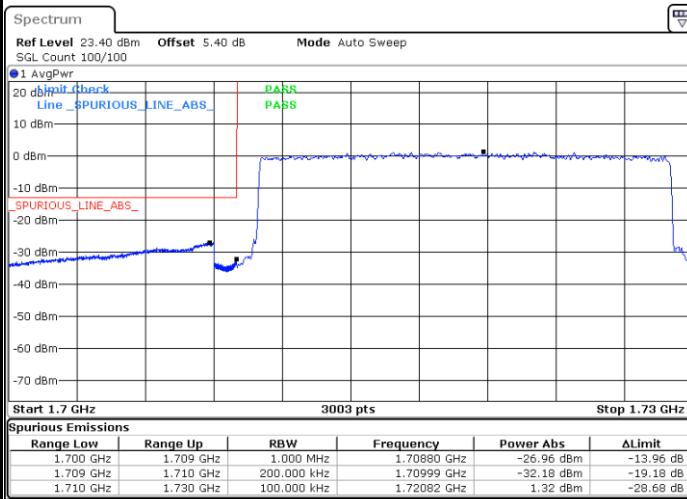
Date: 11.JUL.2020 06:46:54

Highest Band Edge / 1 RB



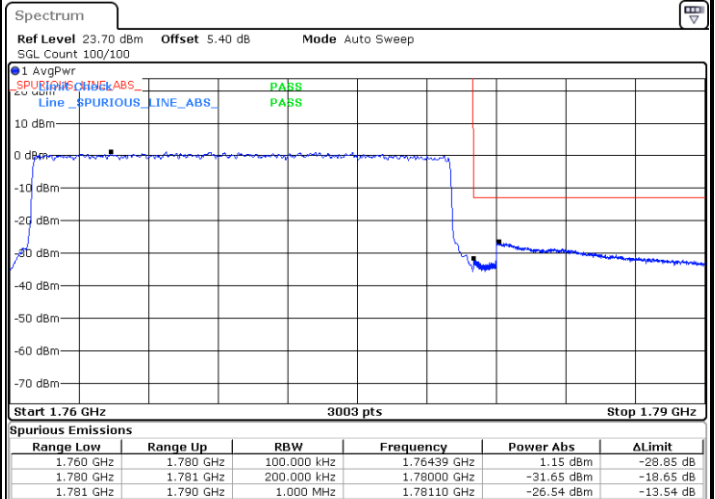
Date: 11.JUL.2020 07:01:39

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:46:30

Highest Band Edge / Full RB

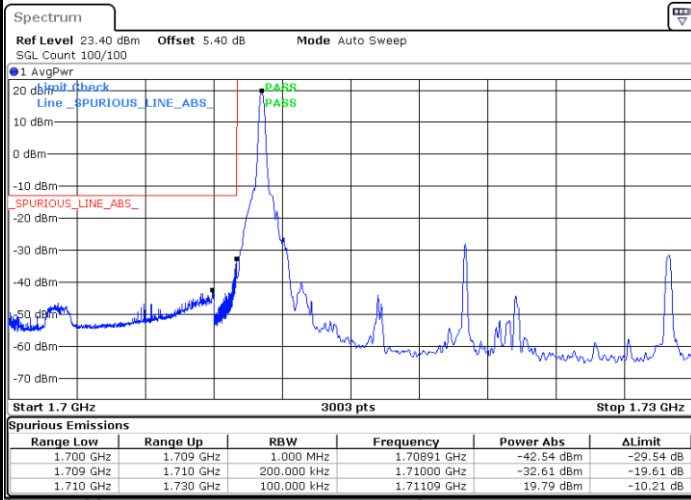


Date: 11.JUL.2020 07:01:19



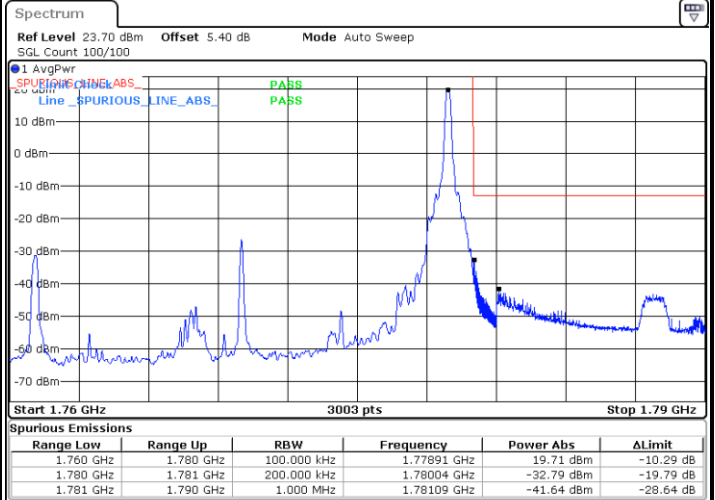
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



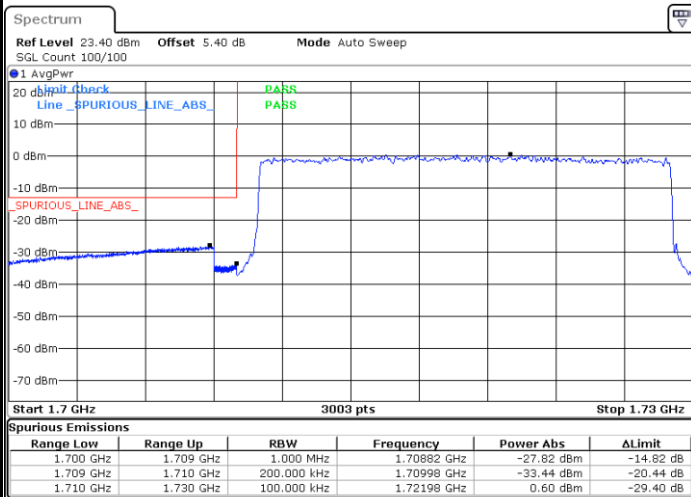
Date: 11.JUL.2020 06:48:45

Highest Band Edge / 1 RB



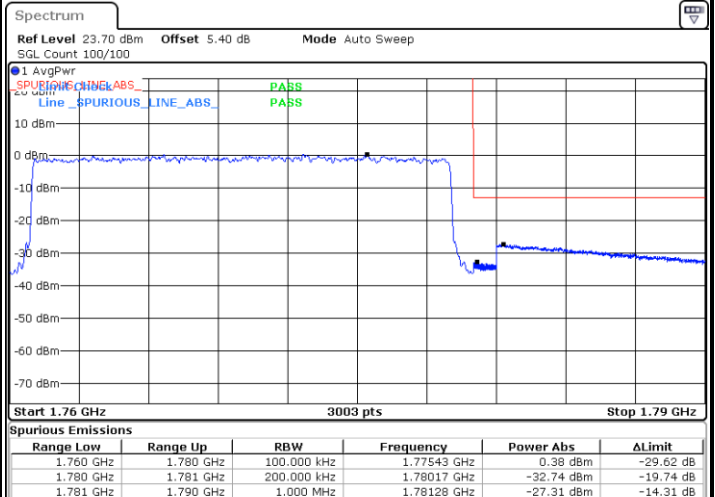
Date: 11.JUL.2020 07:03:22

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:48:18

Highest Band Edge / Full RB

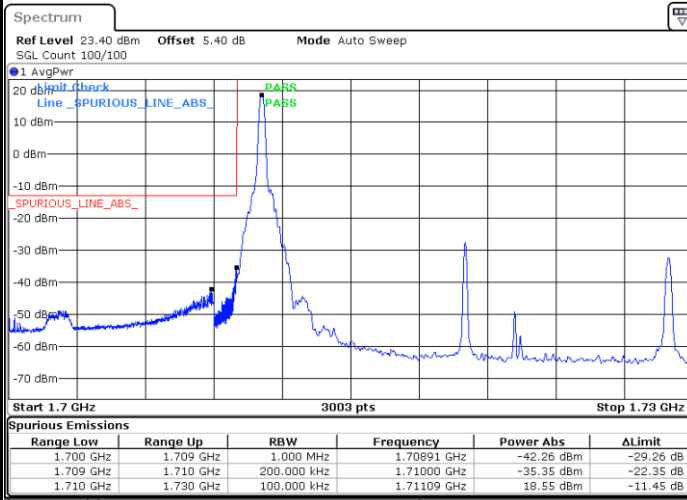


Date: 11.JUL.2020 07:03:08



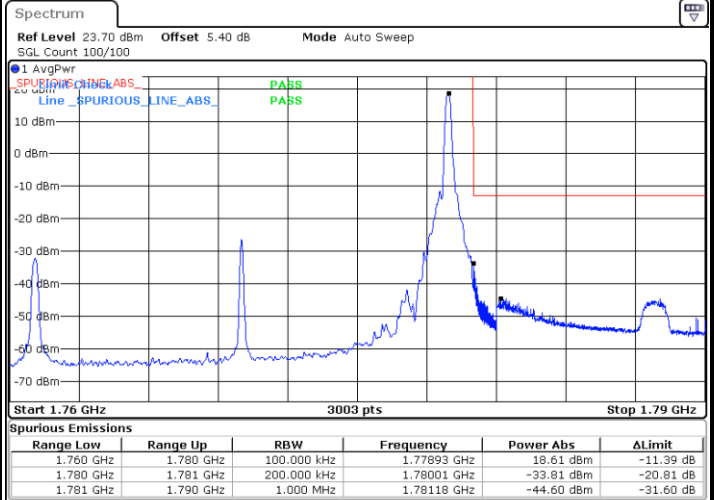
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



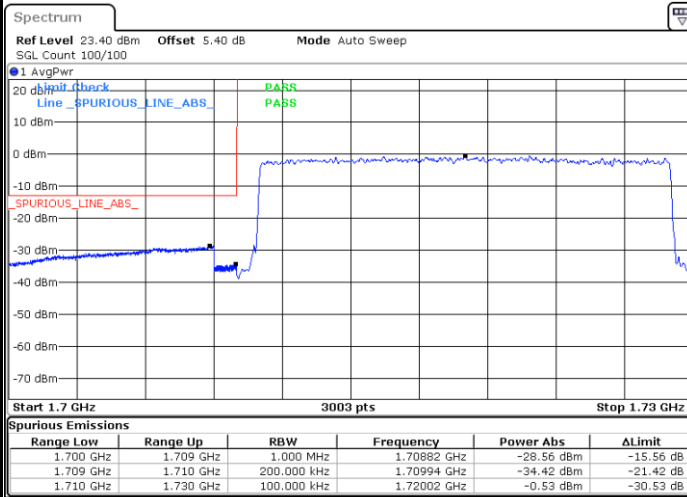
Date: 11.JUL.2020 06:50:39

Highest Band Edge / 1 RB



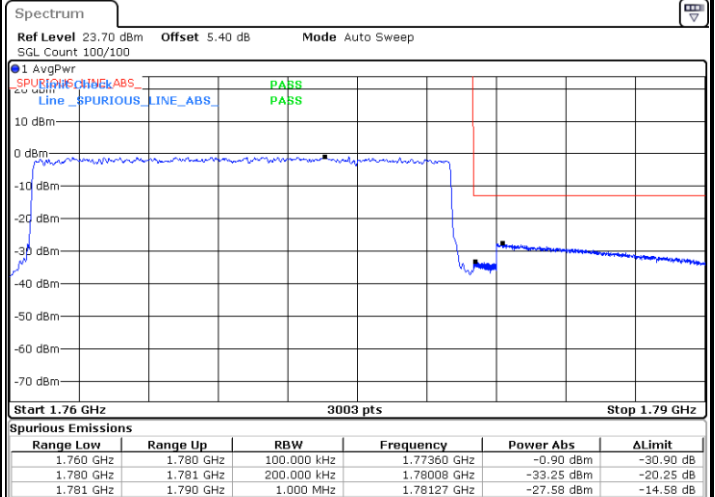
Date: 11.JUL.2020 07:05:52

Lowest Band Edge / Full RB



Date: 11.JUL.2020 06:50:04

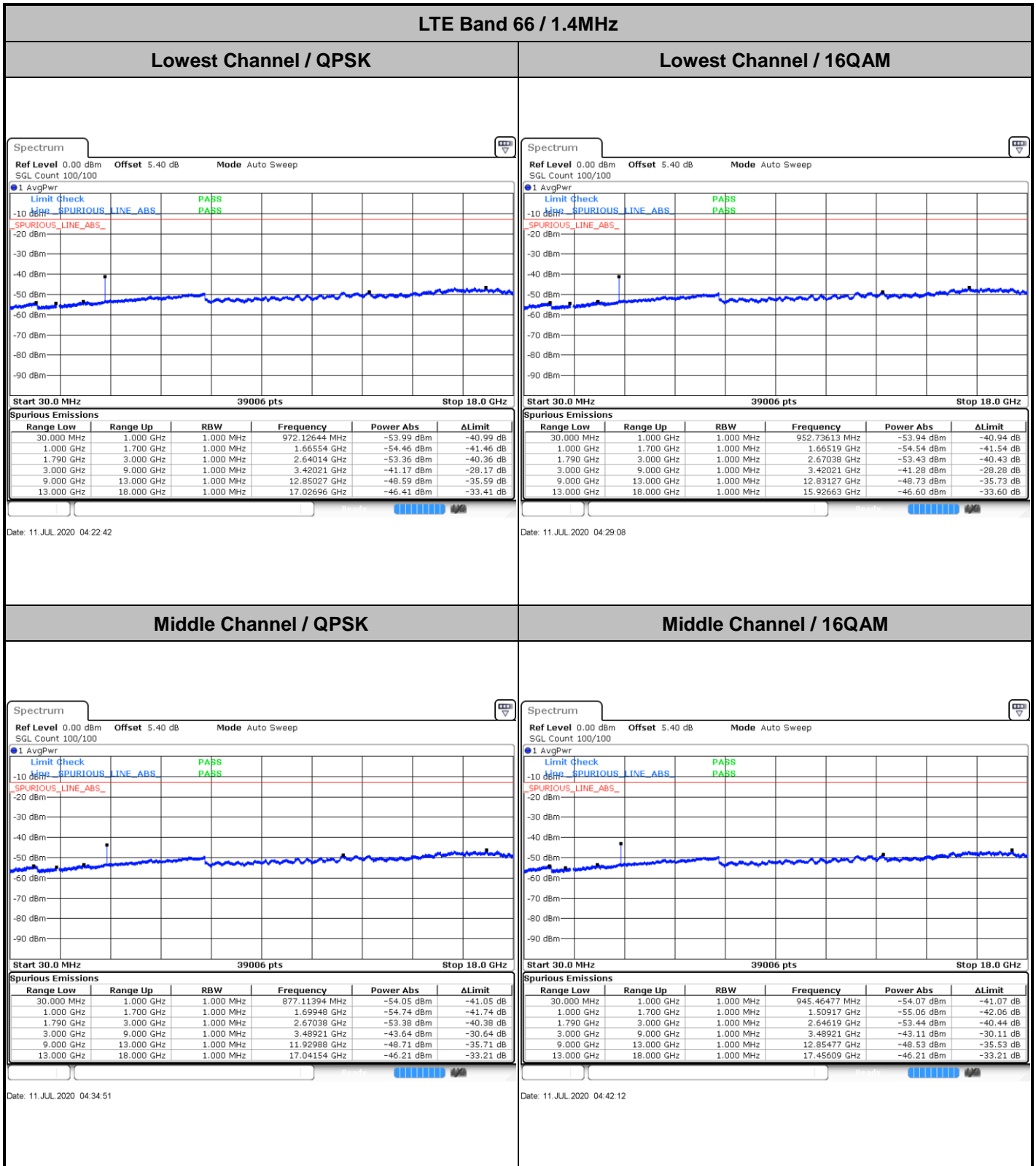
Highest Band Edge / Full RB



Date: 11.JUL.2020 07:05:38



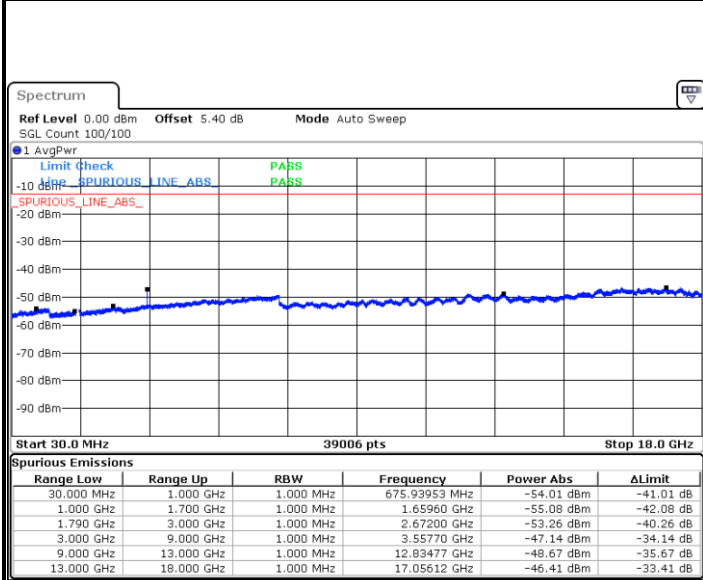
Conducted Spurious Emission





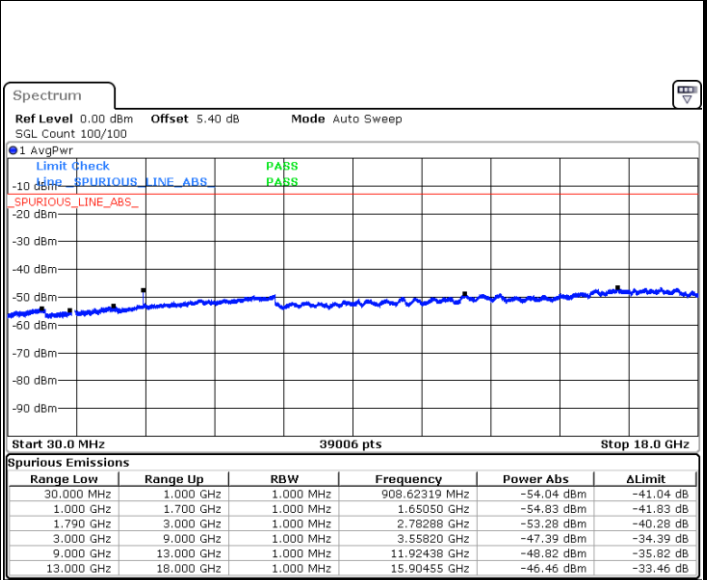
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 11.JUL.2020 04:47:19

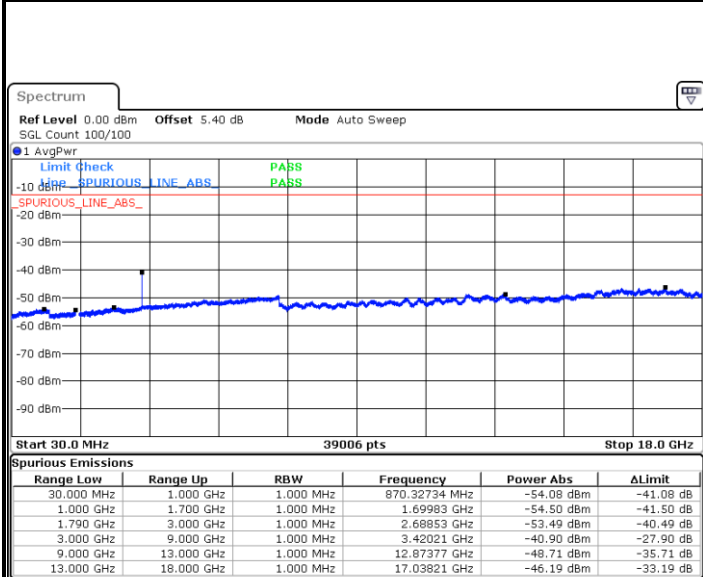
Highest Channel / 16QAM



Date: 11.JUL.2020 04:51:05

LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 11.JUL.2020 05:06:44

Lowest Channel / 16QAM



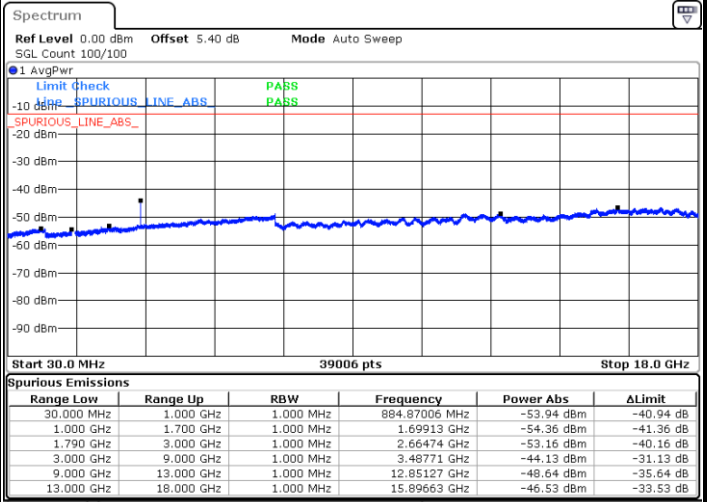
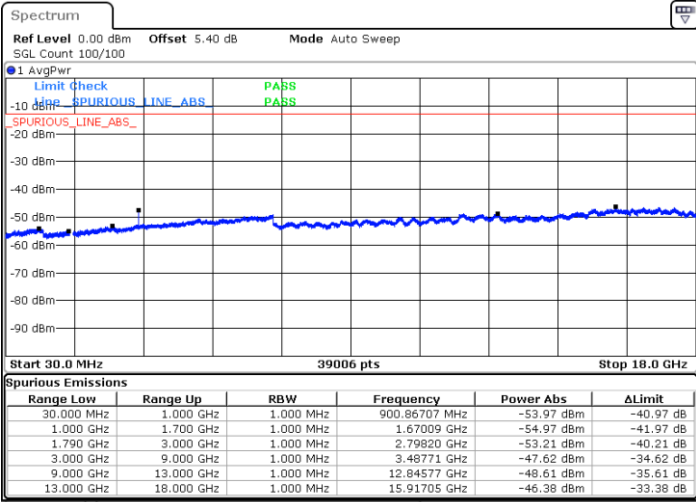
Date: 11.JUL.2020 05:11:04



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

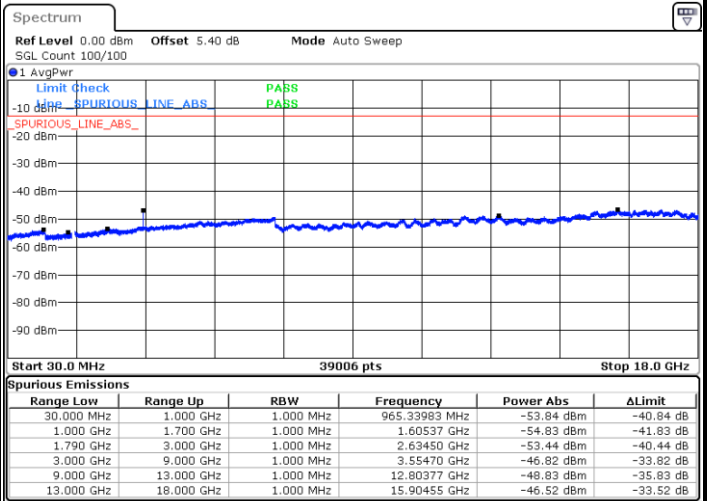
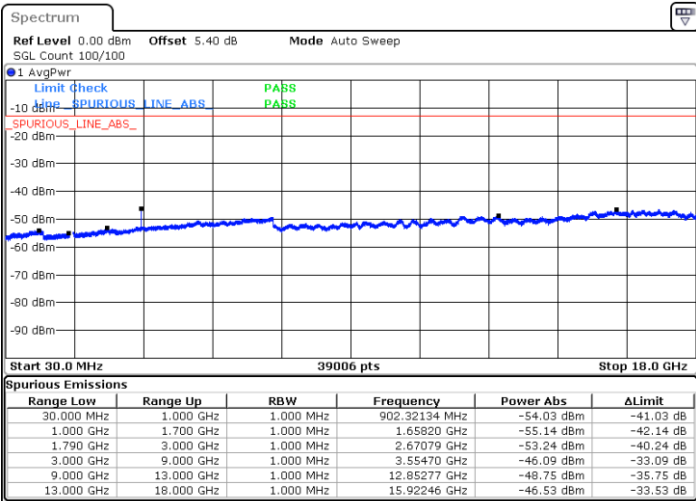


Date: 11.JUL.2020 05:21:29

Date: 11.JUL.2020 05:22:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2020 05:32:14

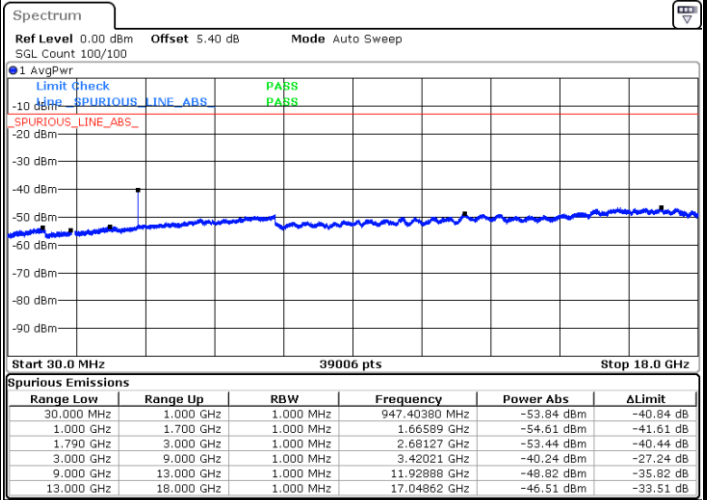
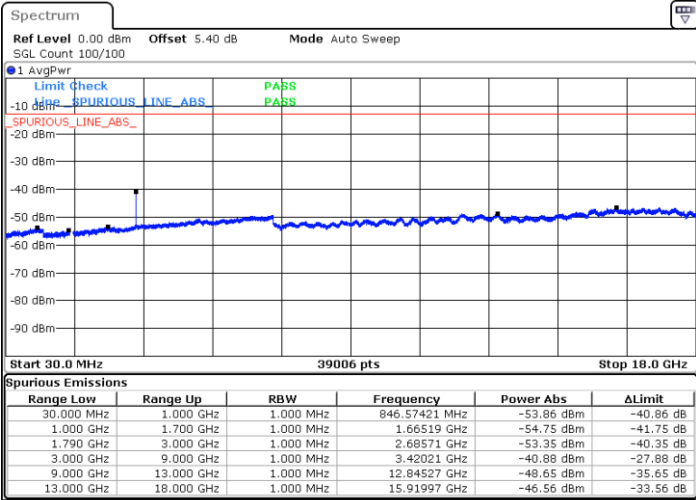
Date: 11.JUL.2020 05:37:37



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

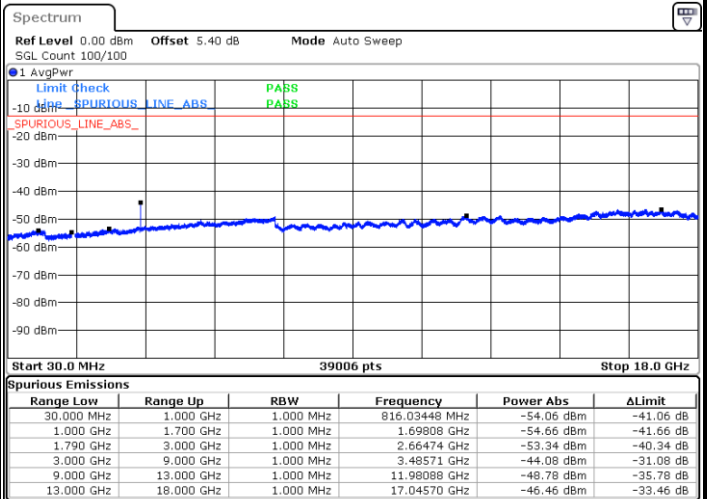
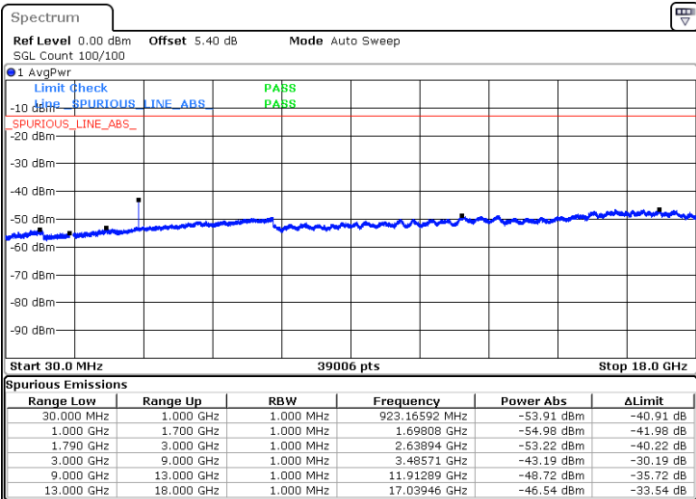


Date: 11.JUL.2020 05:47:34

Date: 11.JUL.2020 05:52:01

Middle Channel / QPSK

Middle Channel / 16QAM



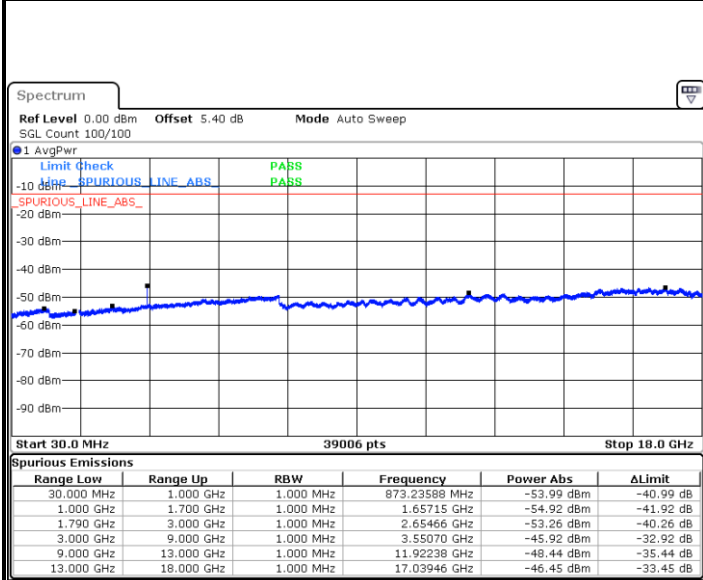
Date: 11.JUL.2020 05:57:29

Date: 11.JUL.2020 05:58:31



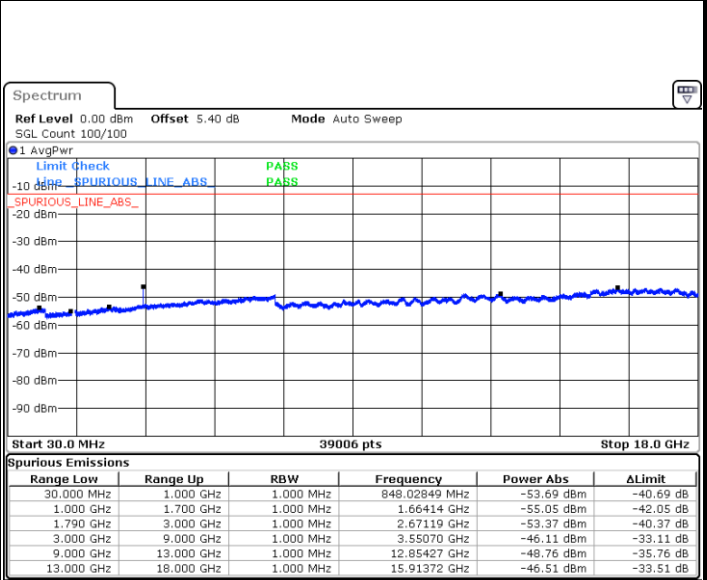
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 11.JUL.2020 06:05:28

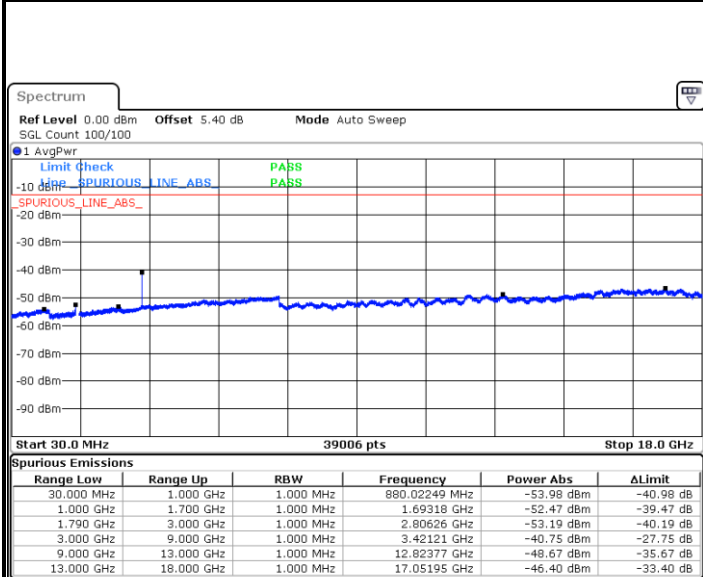
Highest Channel / 16QAM



Date: 11.JUL.2020 06:08:23

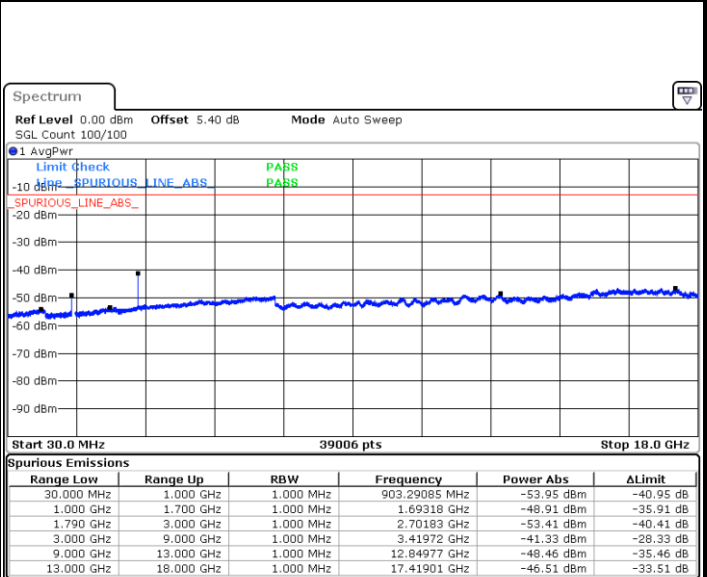
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 11.JUL.2020 06:16:22

Lowest Channel / 16QAM



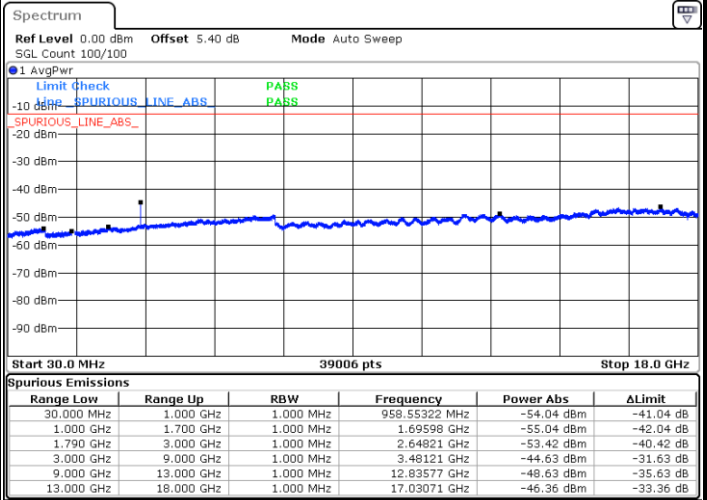
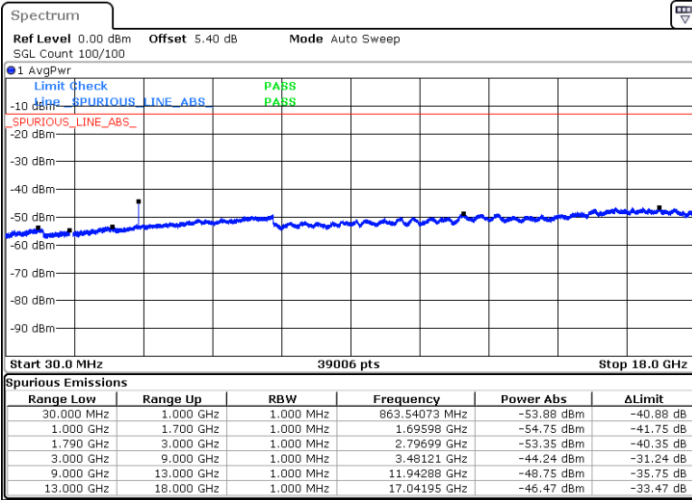
Date: 11.JUL.2020 06:17:48



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

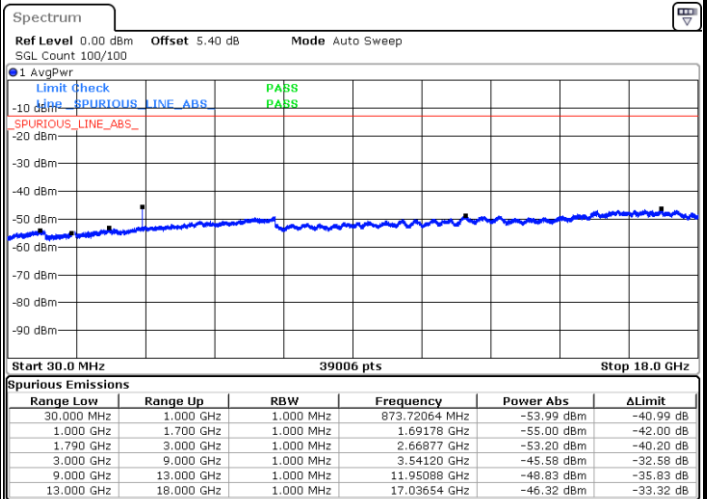
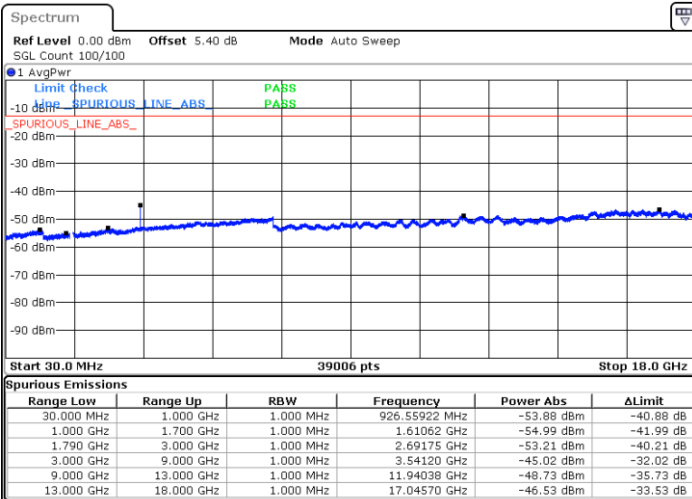


Date: 11.JUL.2020 06:20:59

Date: 11.JUL.2020 06:22:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2020 06:26:39

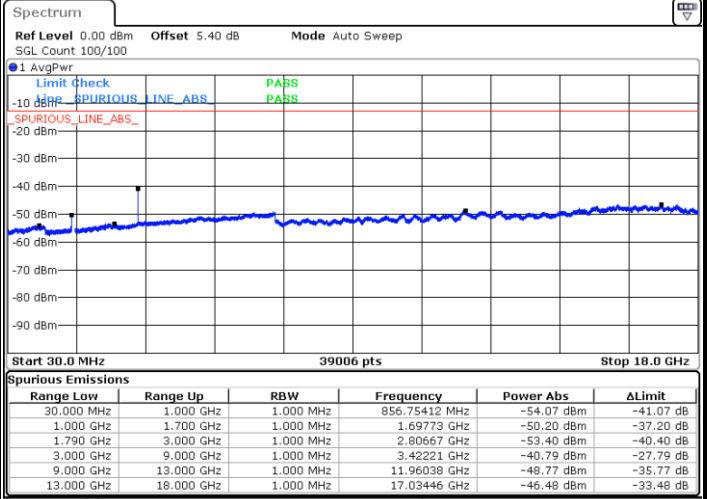
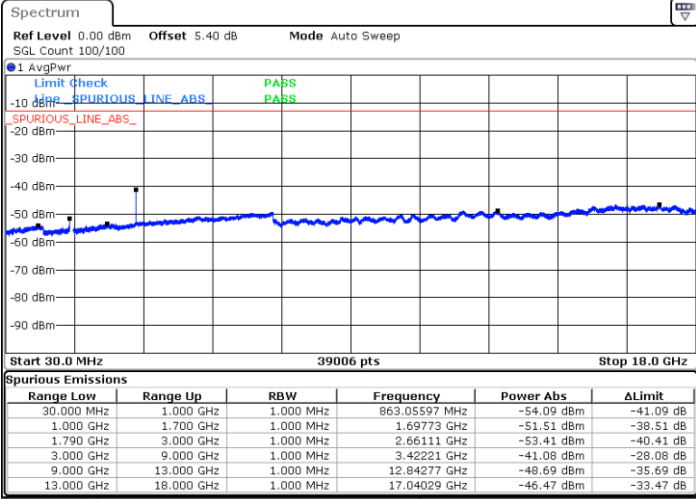
Date: 11.JUL.2020 06:28:19



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

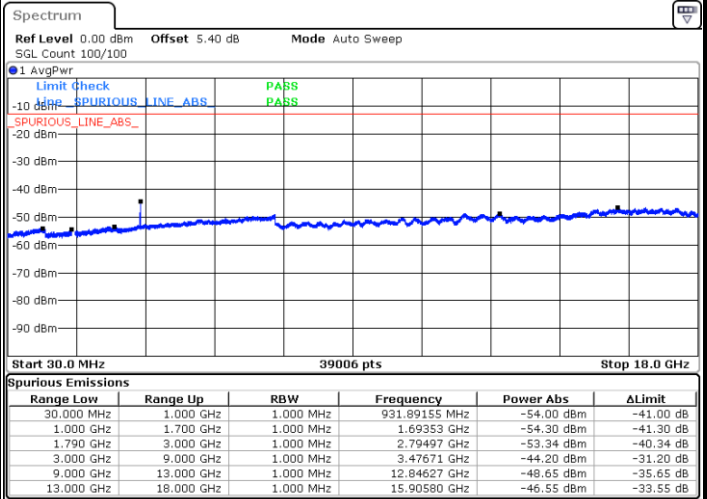
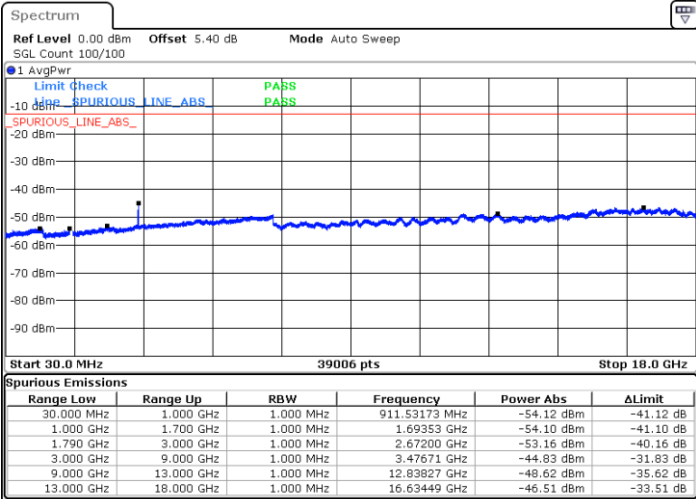


Date: 11.JUL.2020 06:32:53

Date: 11.JUL.2020 06:34:27

Middle Channel / QPSK

Middle Channel / 16QAM



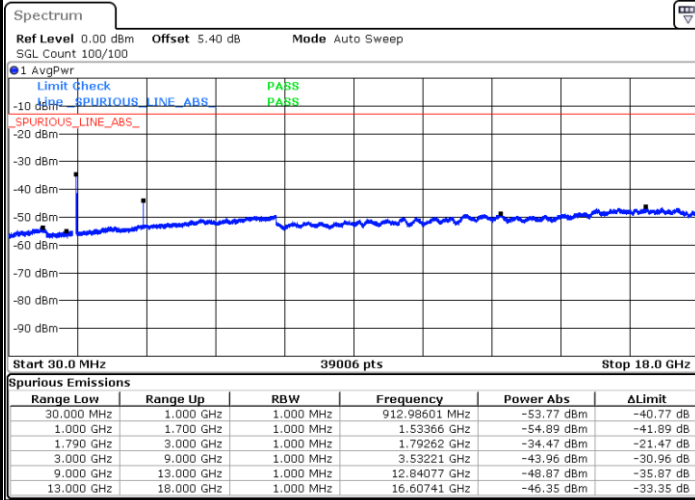
Date: 11.JUL.2020 06:37:12

Date: 11.JUL.2020 06:38:11



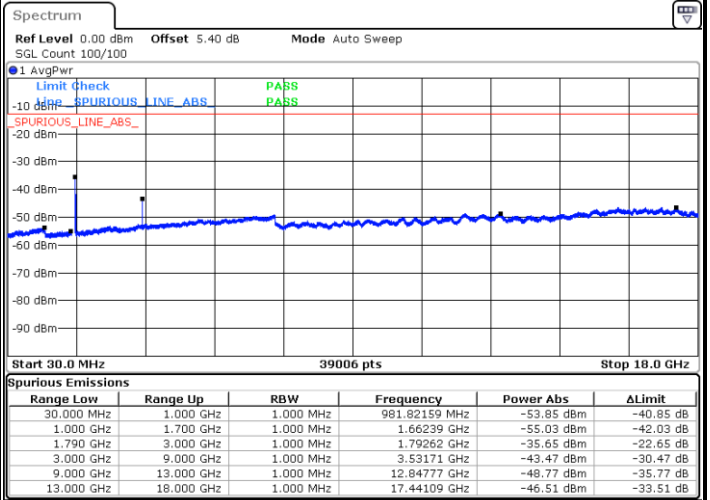
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 11.JUL.2020 06:41:48

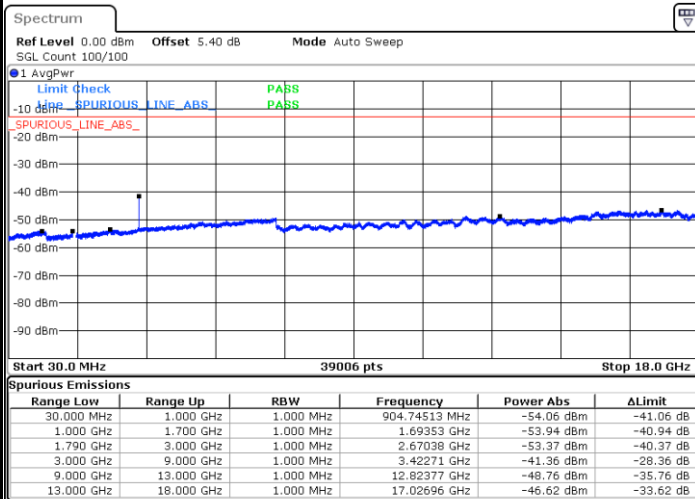
Highest Channel / 16QAM



Date: 11.JUL.2020 06:43:20

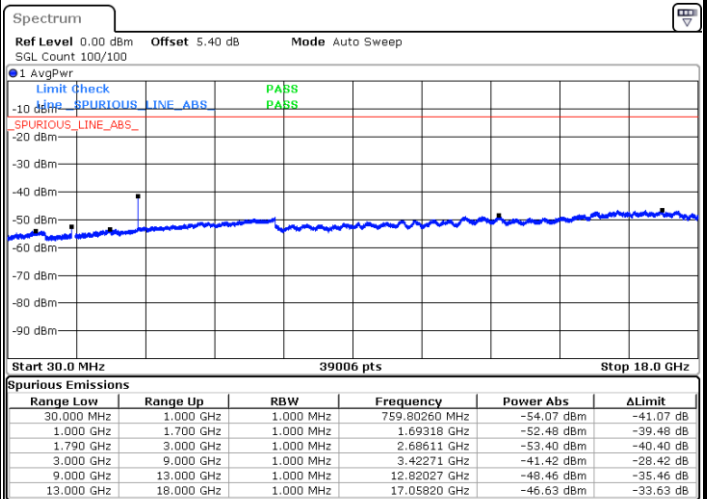
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 11.JUL.2020 06:47:29

Lowest Channel / 16QAM



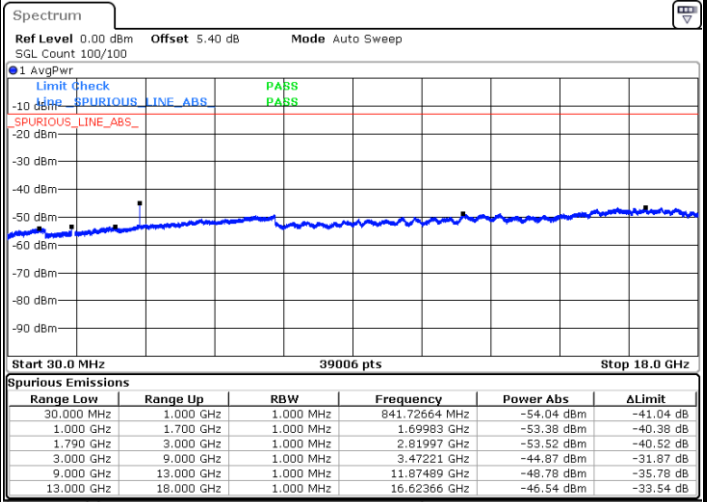
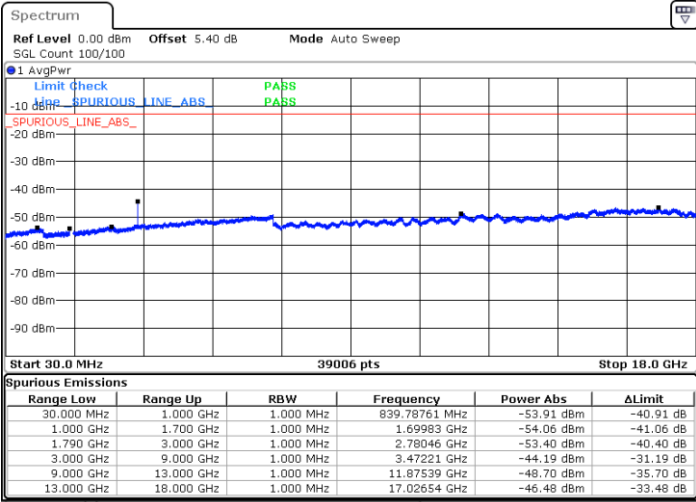
Date: 11.JUL.2020 06:49:27



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

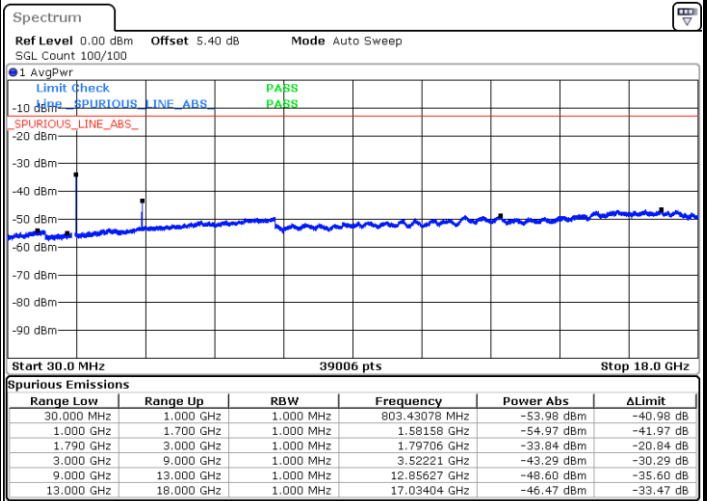
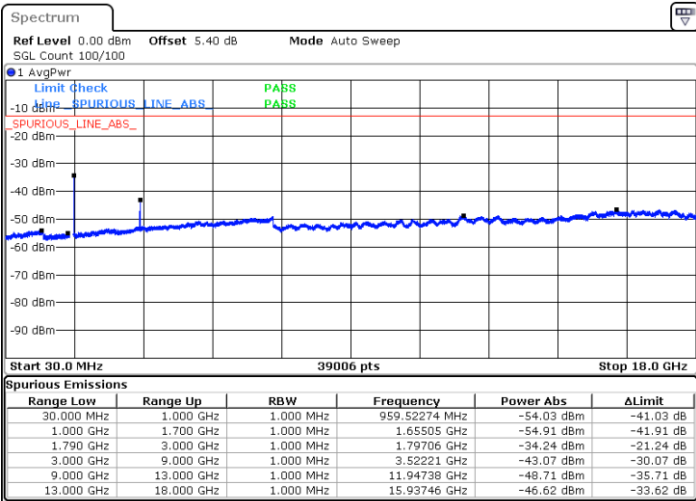


Date: 11.JUL.2020 06:55:45

Date: 11.JUL.2020 06:57:35

Highest Channel / QPSK

Highest Channel / 16QAM



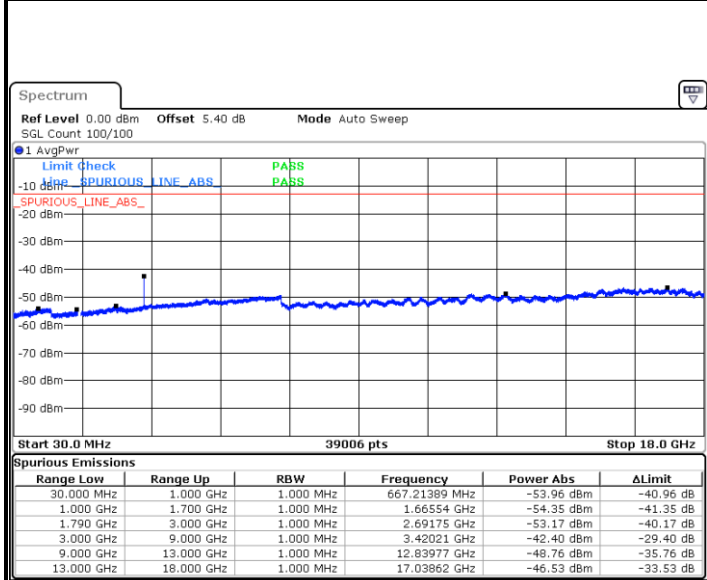
Date: 11.JUL.2020 07:02:25

Date: 11.JUL.2020 07:04:04



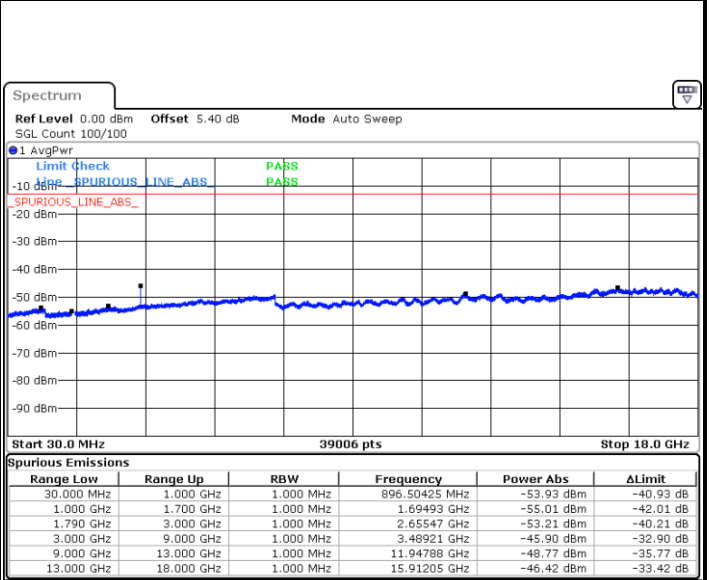
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



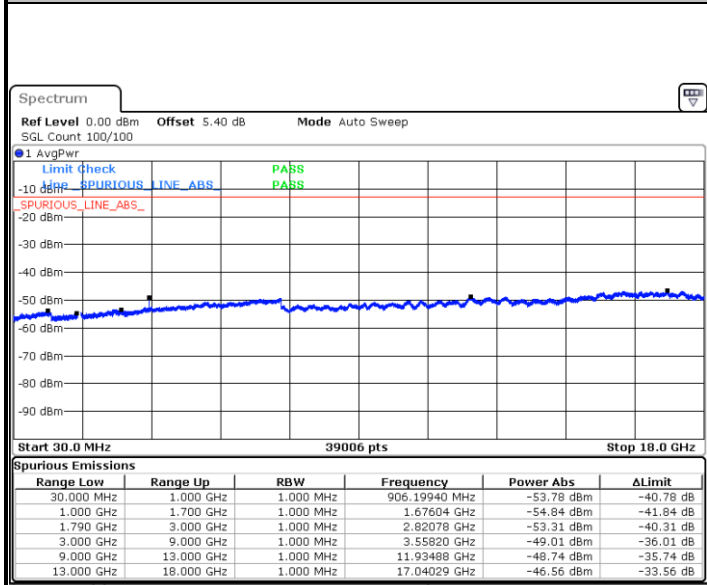
Date: 11.JUL.2020 04:38:16

Middle Channel / 64QAM



Date: 11.JUL.2020 04:43:33

Highest Channel / 64QAM

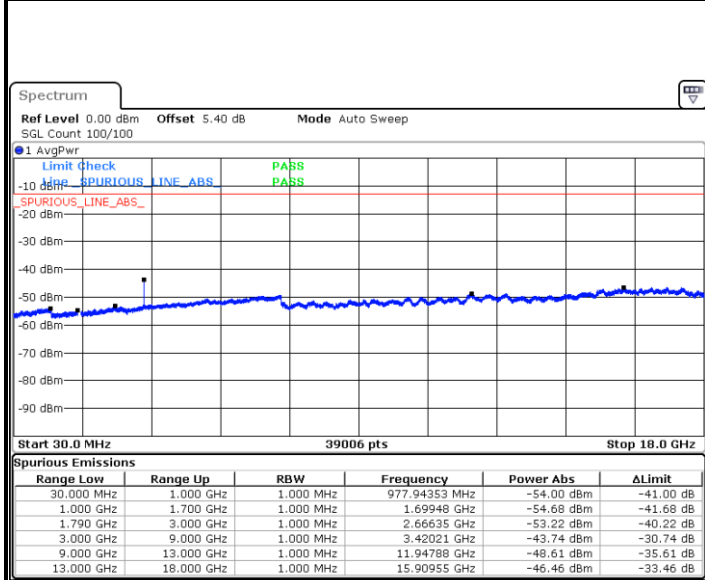


Date: 11.JUL.2020 04:59:27



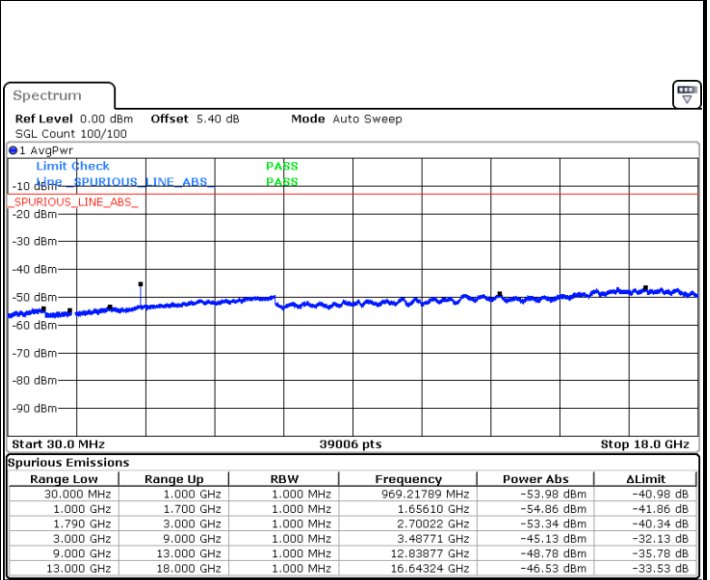
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



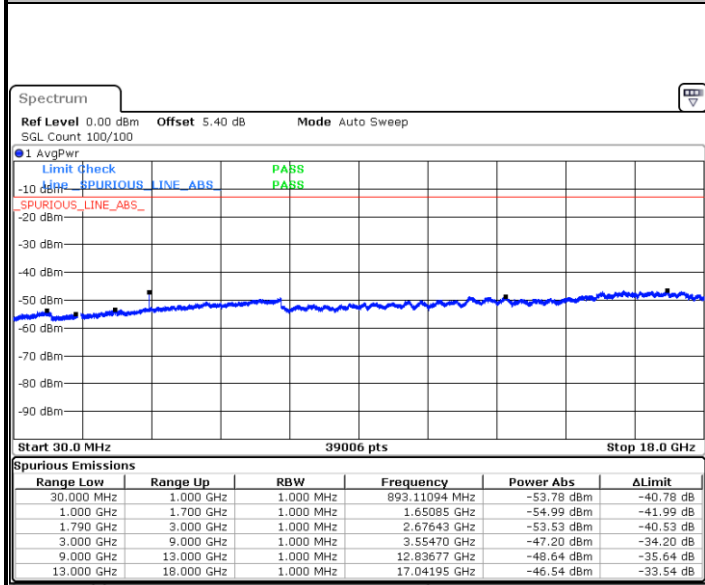
Date: 11.JUL.2020 05:17:21

Middle Channel / 64QAM



Date: 11.JUL.2020 05:25:04

Highest Channel / 64QAM



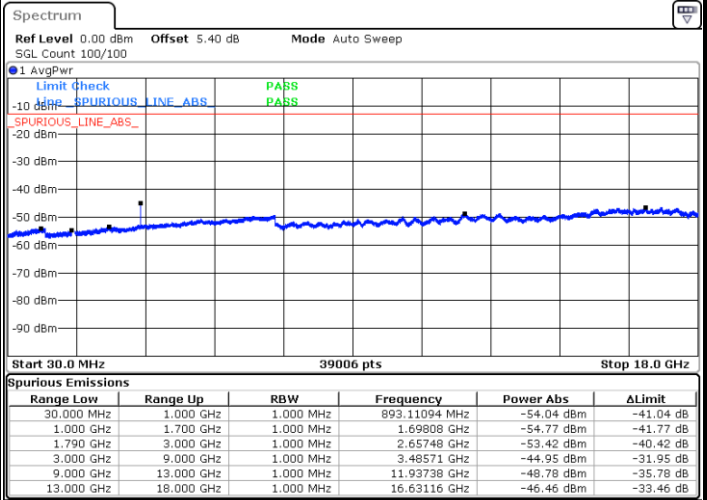
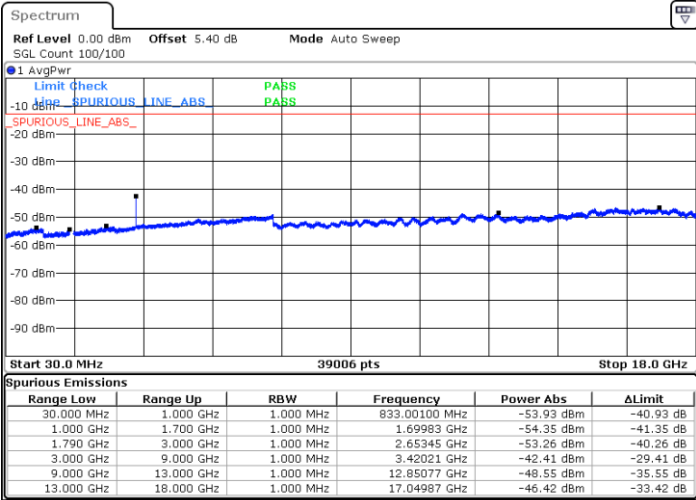
Date: 11.JUL.2020 05:42:00



LTE Band 66 / 5MHz

Lowest Channel / 64QAM

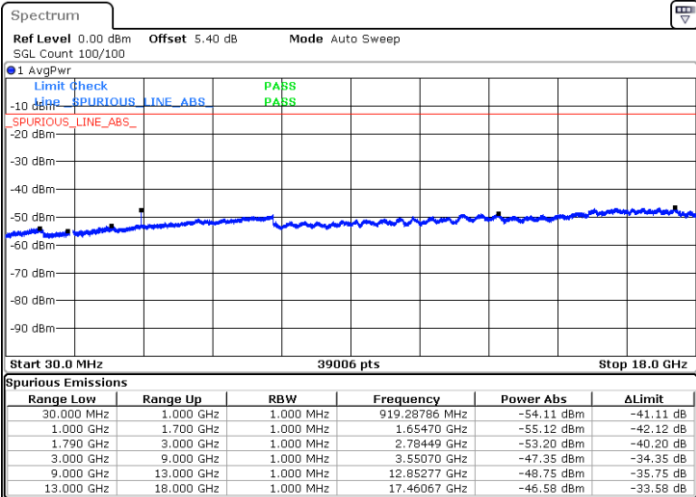
Middle Channel / 64QAM



Date: 11.JUL.2020 05:54:45

Date: 11.JUL.2020 05:59:51

Highest Channel / 64QAM

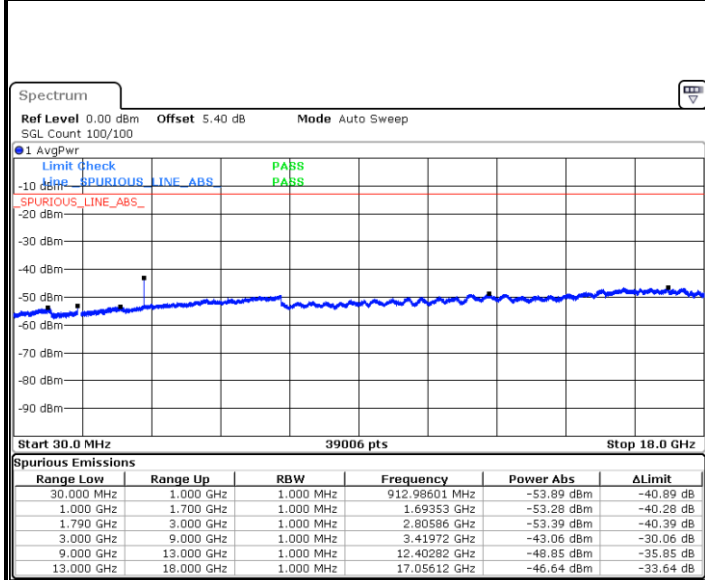


Date: 11.JUL.2020 06:10:49



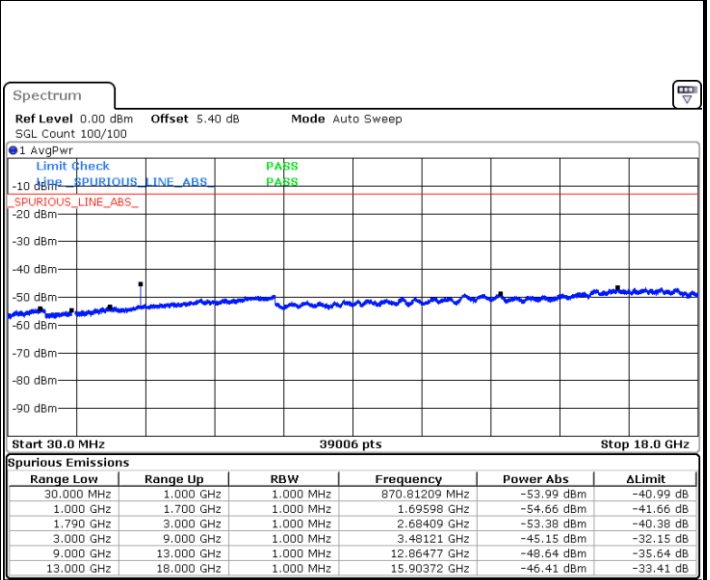
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



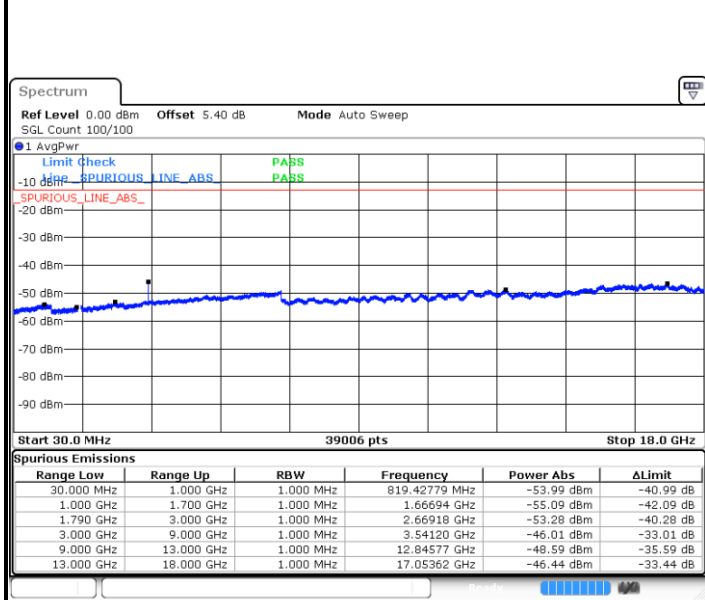
Date: 11.JUL.2020 06:19:41

Middle Channel / 64QAM



Date: 11.JUL.2020 06:24:28

Highest Channel / 64QAM

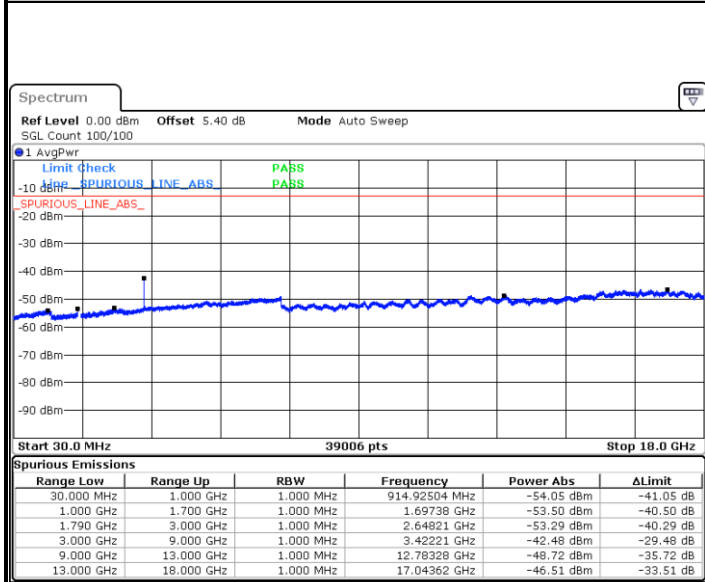


Date: 11.JUL.2020 06:29:45



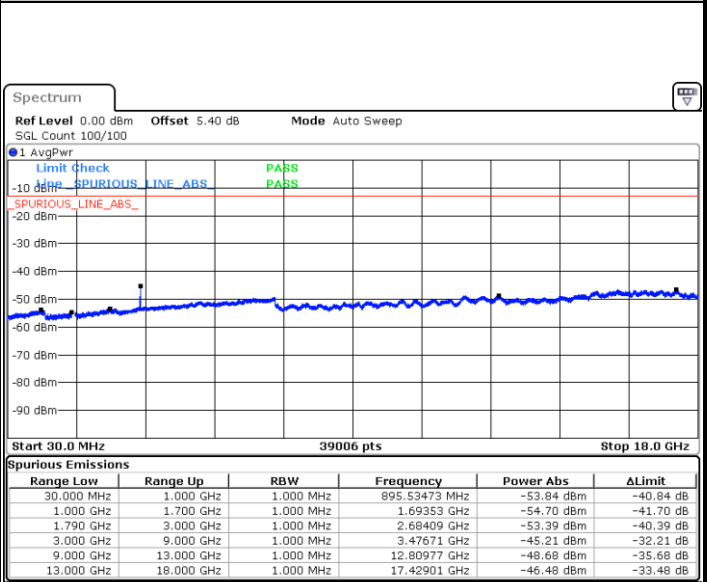
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



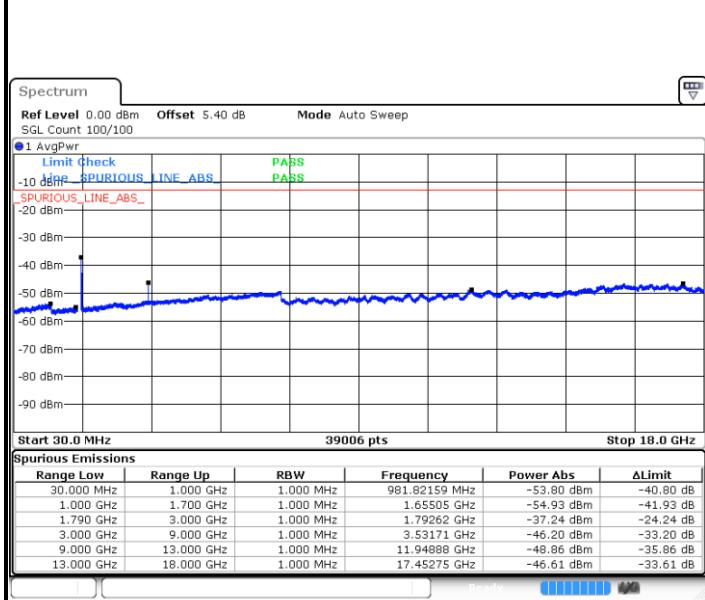
Date: 11.JUL.2020 06:35:50

Middle Channel / 64QAM

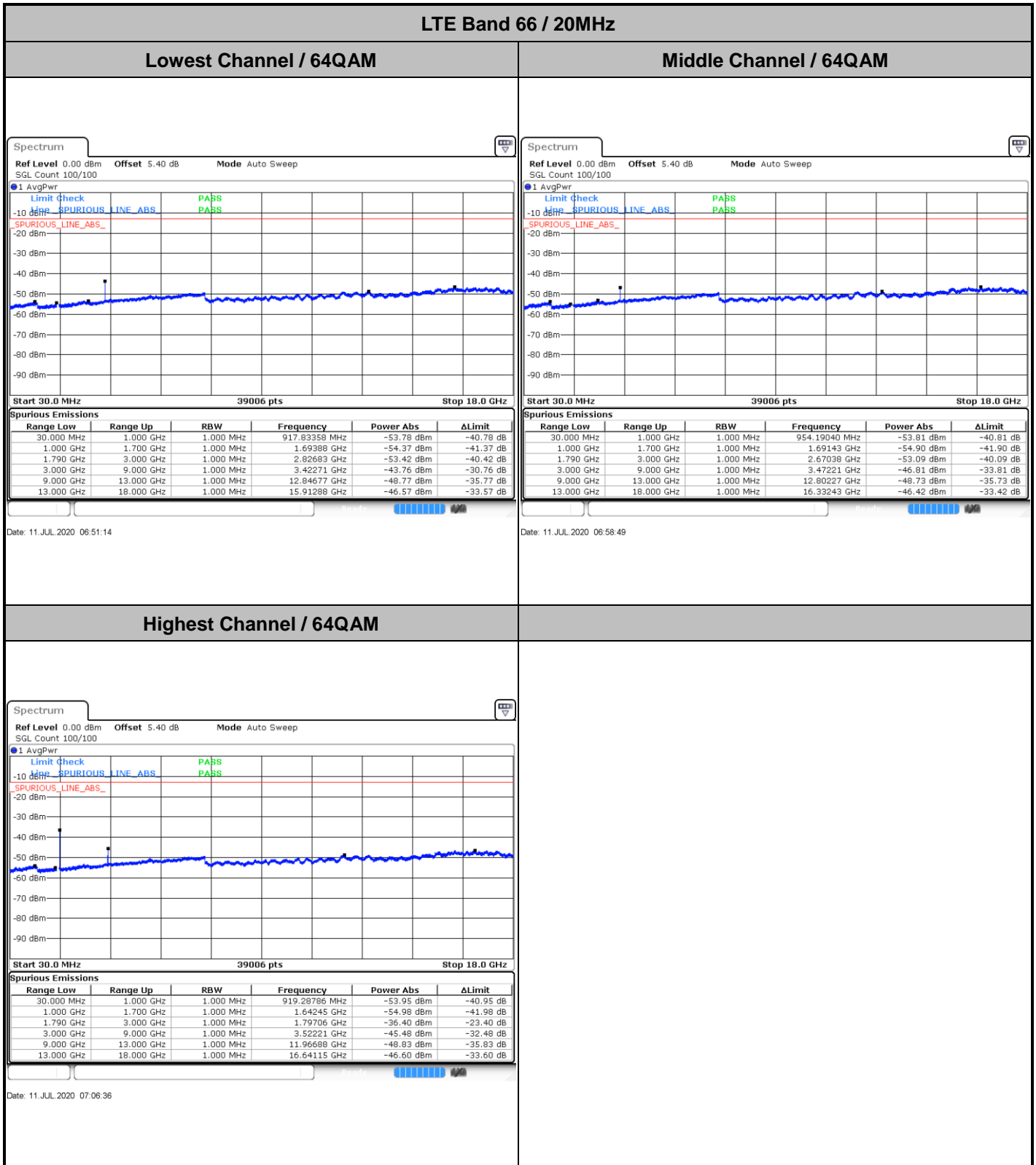


Date: 11.JUL.2020 06:39:22

Highest Channel / 64QAM



Date: 11.JUL.2020 06:44:47





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	0.0011	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0159	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 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

LTE Band 2 / 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	3741	-57.47	-13	-44.47	-69.73	2.64	14.90	H
	5613	-53.14	-13	-40.14	-65.00	2.94	14.80	H
	7488	-48.61	-13	-35.61	-58.38	3.39	13.16	H
	3741	-58.03	-13	-45.03	-70.29	2.64	14.90	V
	5613	-53.93	-13	-40.93	-65.79	2.94	14.80	V
	7488	-48.04	-13	-35.04	-57.81	3.39	13.16	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	5172	-60.98	-25	-35.98	-71.19	3.03	13.24	H
	7760	-59.78	-25	-34.78	-69.23	3.56	13.01	H
	10340	-57.75	-25	-32.75	-67.27	3.92	13.44	H
	5172	-62.03	-25	-37.03	-72.24	3.03	13.24	V
	7760	-60.24	-25	-35.24	-69.69	3.56	13.01	V
	10340	-57.89	-25	-32.89	-67.41	3.92	13.44	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-60.46	-13	-47.46	-71.20	2.604	13.34	H
	5208	-54.32	-13	-41.32	-64.83	3.011	13.52	H
	6948	-50.57	-13	-37.57	-60.77	3.271	13.47	H
	3471	-60.45	-13	-47.45	-71.19	2.604	13.34	V
	5208	-54.49	-13	-41.49	-65.00	3.011	13.52	V
	6948	-50.11	-13	-37.11	-60.31	3.271	13.47	V

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