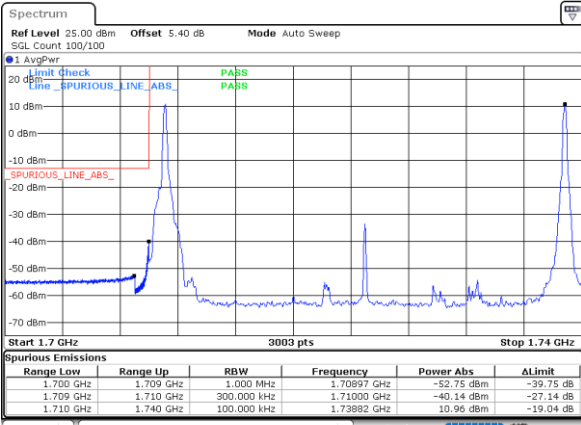




LTE Band 66C / 20MHz+10MHz

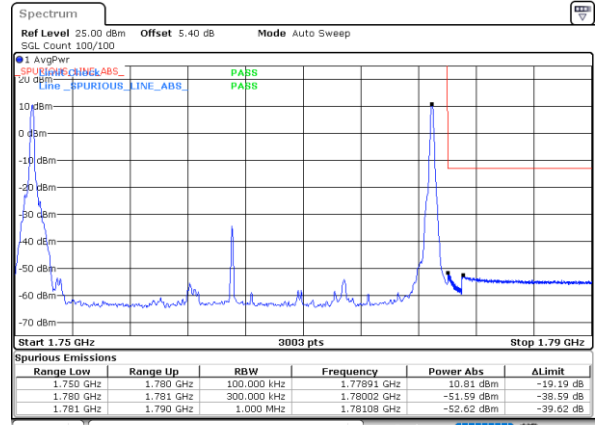
16QAM

Lowest Band Edge / 1RB0 and 1RB49



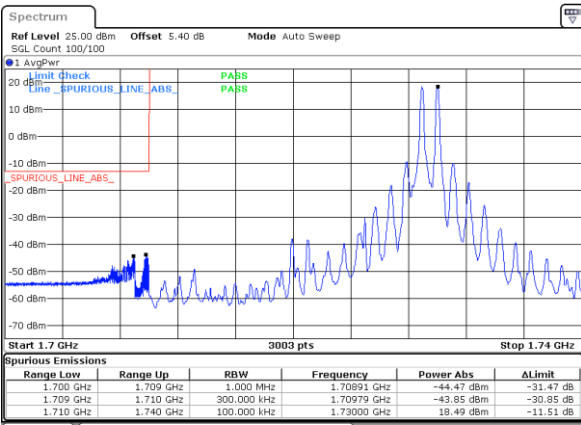
Date: 11.OCT.2023 20:46:38

Highest Band Edge / 1RB0 and 1RB49



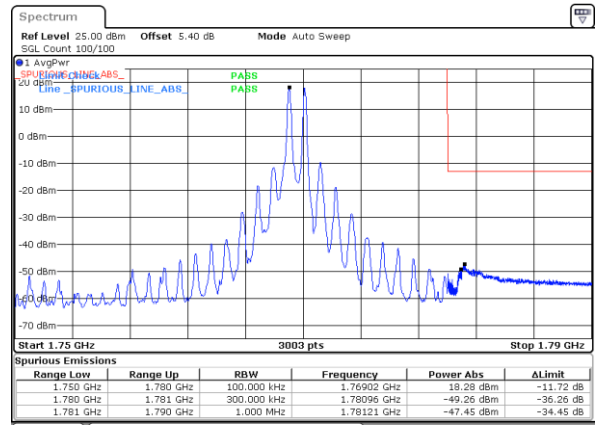
Date: 11.OCT.2023 21:00:30

Lowest Band Edge / 1RB99 and 1RB0



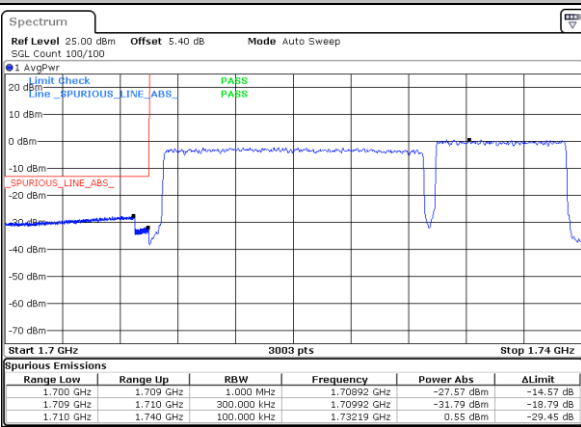
Date: 11.OCT.2023 20:49:40

Highest Band Edge / 1RB99 and 1RB0



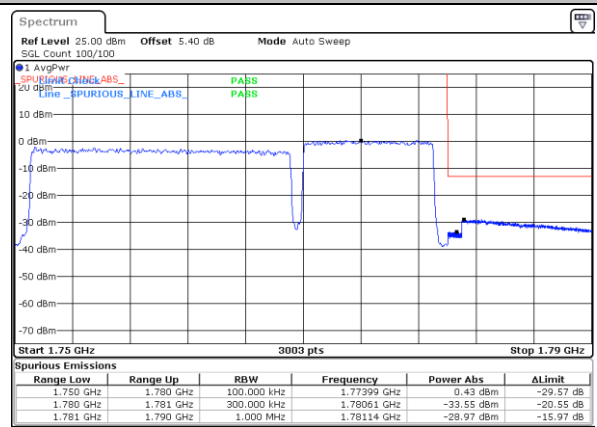
Date: 11.OCT.2023 21:03:33

Lowest Band Edge / Full RB



Date: 11.OCT.2023 20:43:35

Highest Band Edge / Full RB



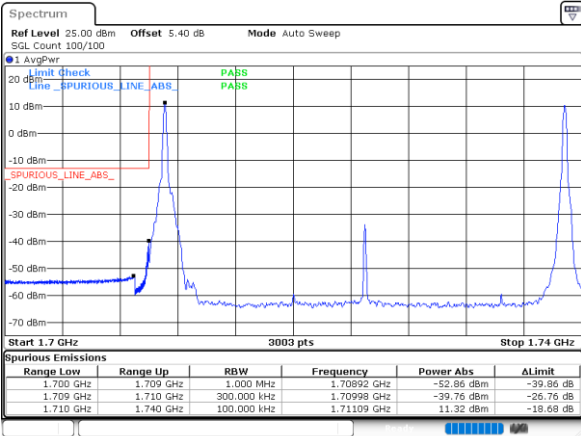
Date: 11.OCT.2023 20:57:28



LTE Band 66C / 20MHz+10MHz

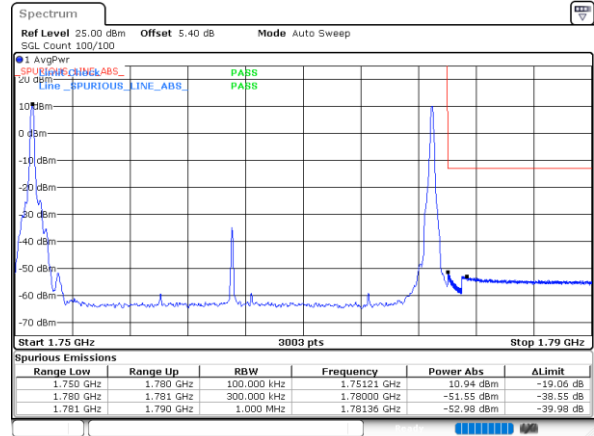
64QAM

Lowest Band Edge / 1RB0 and 1RB49



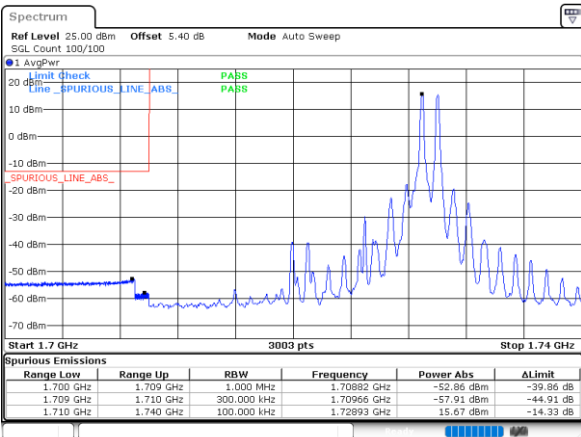
Date: 11.OCT.2023 20:47:24

Highest Band Edge / 1RB0 and 1RB49



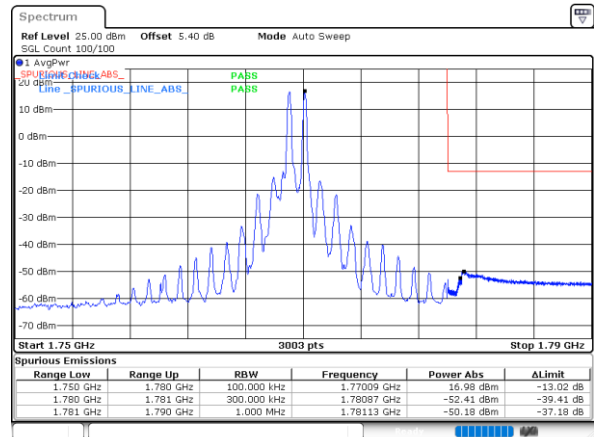
Date: 11.OCT.2023 21:01:16

Lowest Band Edge / 1RB99 and 1RB0



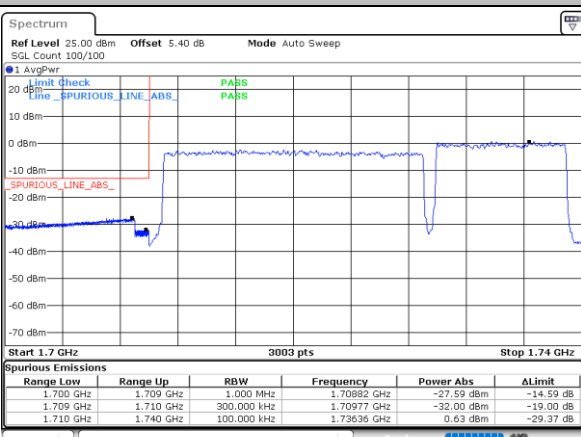
Date: 11.OCT.2023 20:50:25

Highest Band Edge / 1RB99 and 1RB0



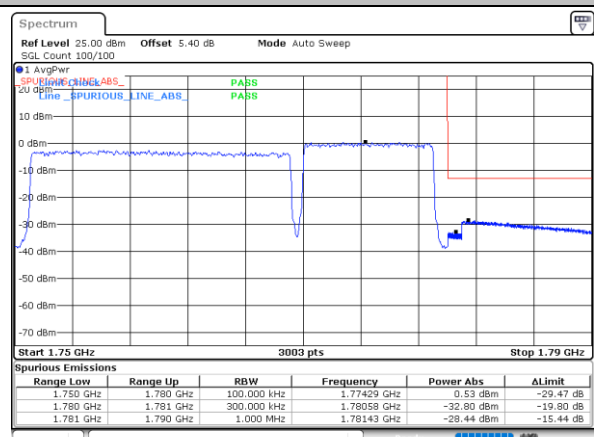
Date: 11.OCT.2023 21:04:18

Lowest Band Edge / Full RB



Date: 11.OCT.2023 20:44:21

Highest Band Edge / Full RB



Date: 11.OCT.2023 20:58:13

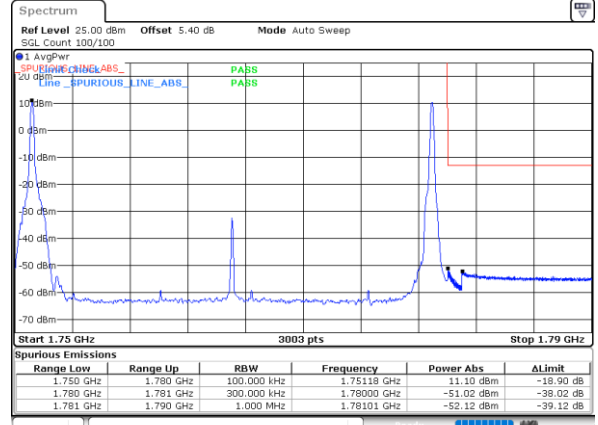
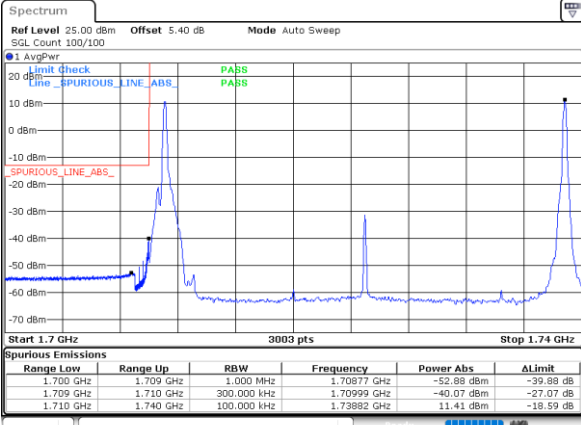


LTE Band 66C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

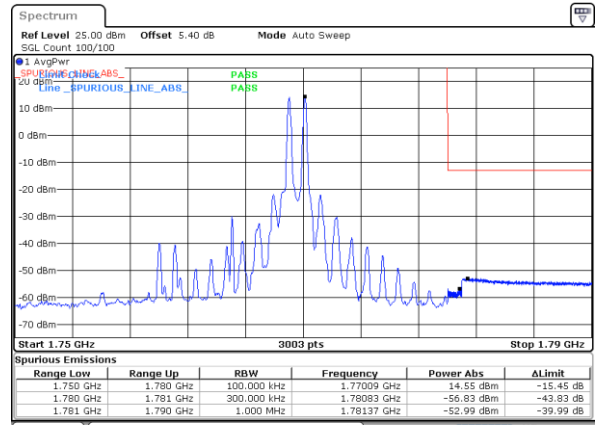
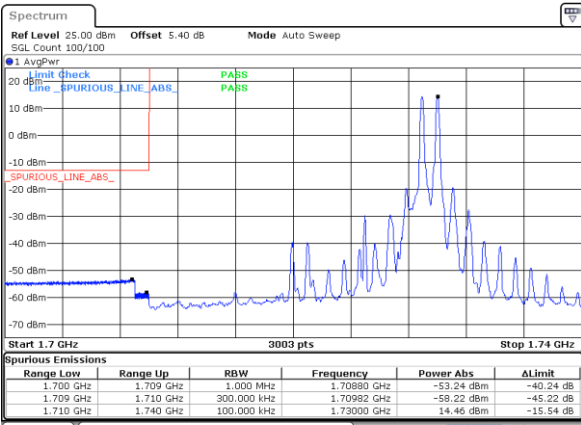


Date: 11.OCT.2023 20:48:09

Date: 11.OCT.2023 21:02:01

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

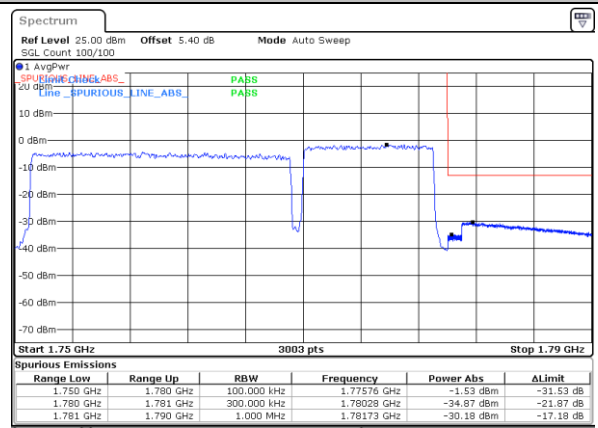
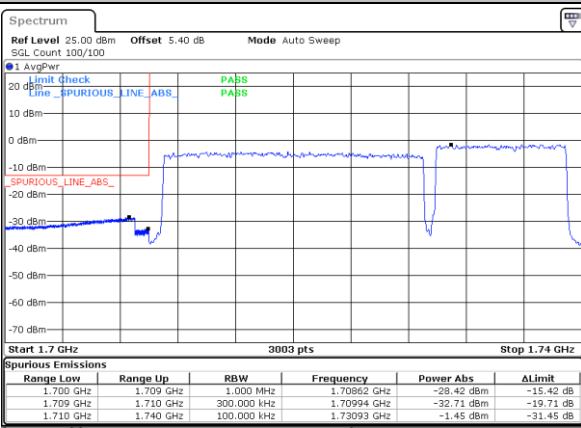


Date: 11.OCT.2023 20:51:11

Date: 11.OCT.2023 21:05:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 20:45:07

Date: 11.OCT.2023 20:58:59

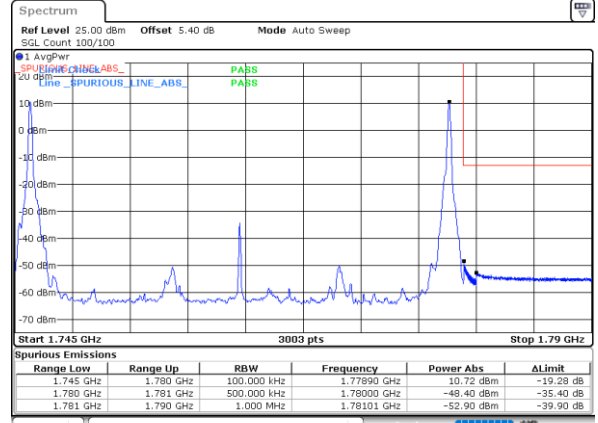
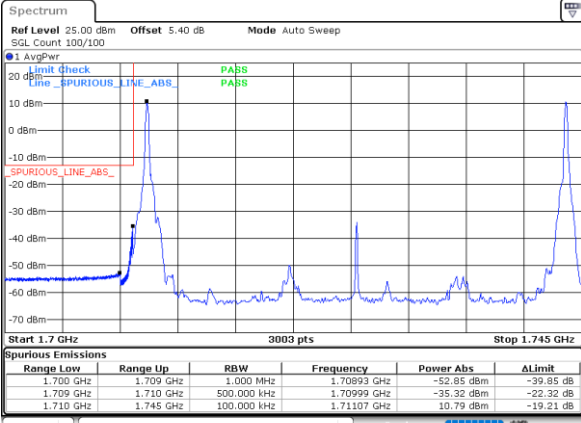


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

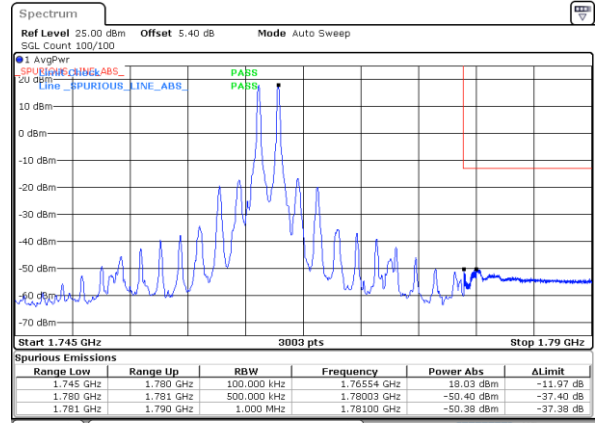
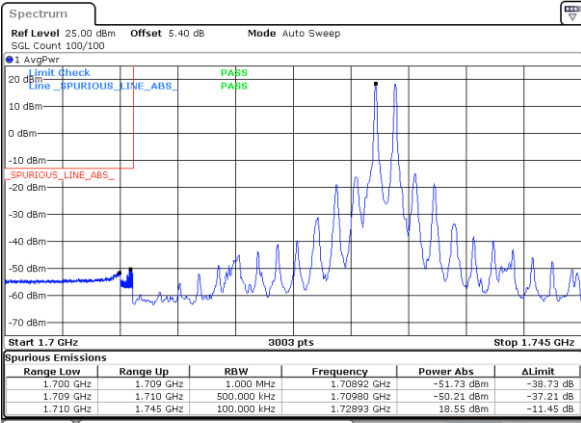


Date: 11.OCT.2023 22:19:58

Date: 11.OCT.2023 22:34:38

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

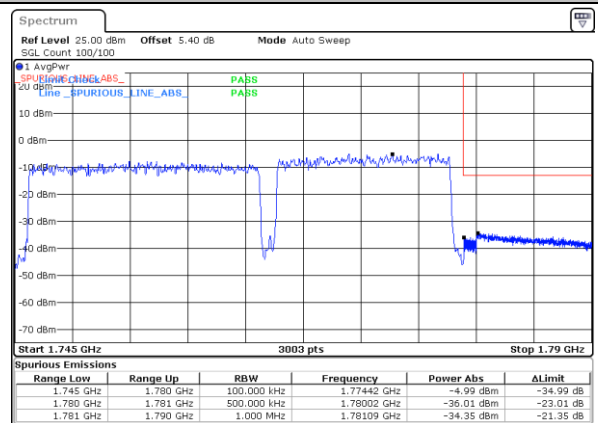
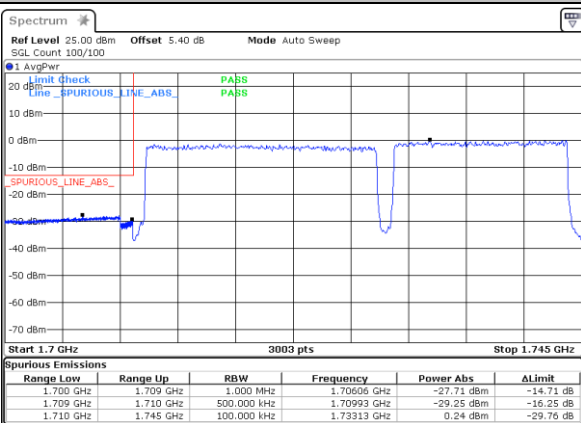


Date: 11.OCT.2023 22:23:00

Date: 11.OCT.2023 22:37:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 22:16:56

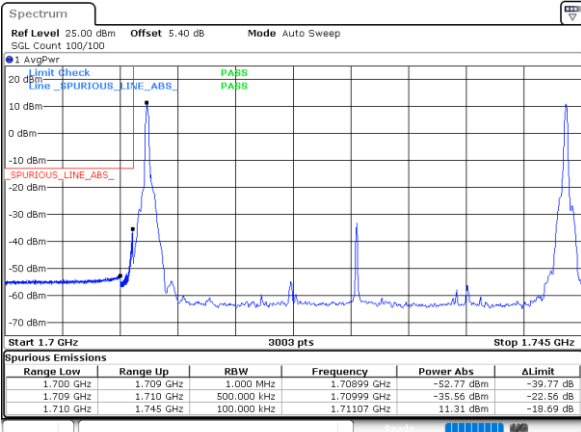
Date: 11.OCT.2023 22:30:56



LTE Band 66C / 20MHz+15MHz

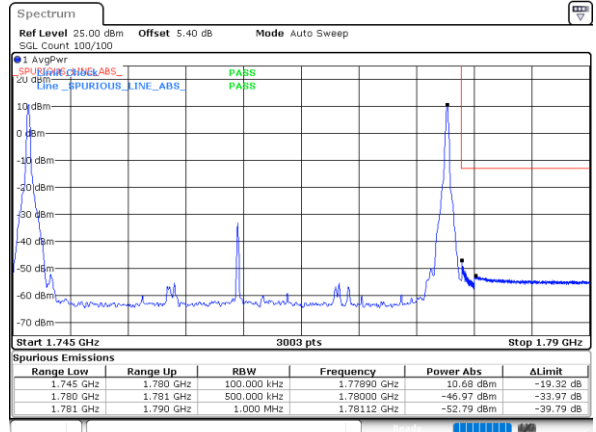
16QAM

Lowest Band Edge / 1RB0 and 1RB74



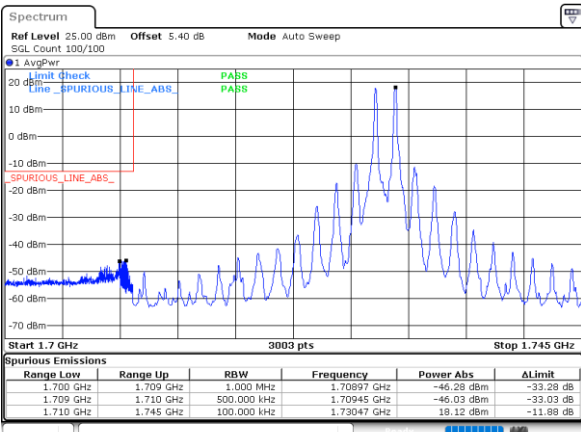
Date: 11.OCT.2023 22:20:43

Highest Band Edge / 1RB0 and 1RB74



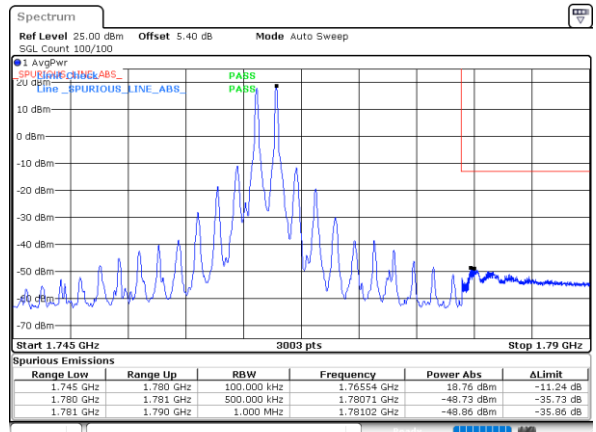
Date: 11.OCT.2023 22:25:23

Lowest Band Edge / 1RB99 and 1RB0



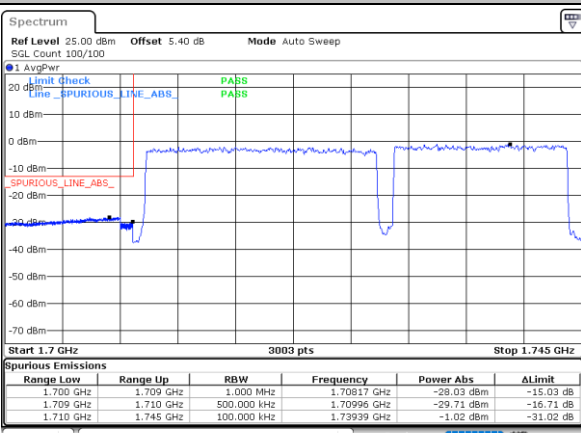
Date: 11.OCT.2023 22:23:46

Highest Band Edge / 1RB99 and 1RB0



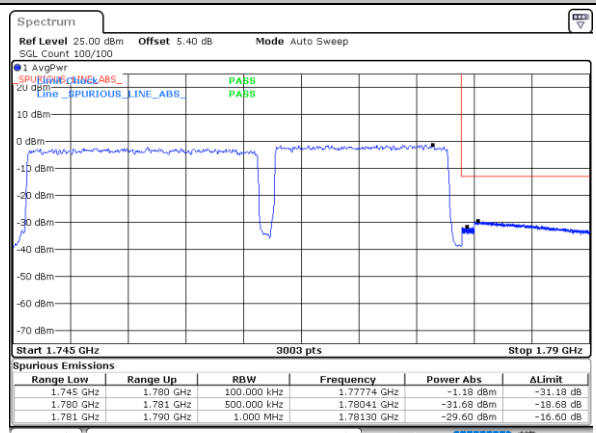
Date: 11.OCT.2023 22:28:26

Lowest Band Edge / Full RB



Date: 11.OCT.2023 22:17:41

Highest Band Edge / Full RB



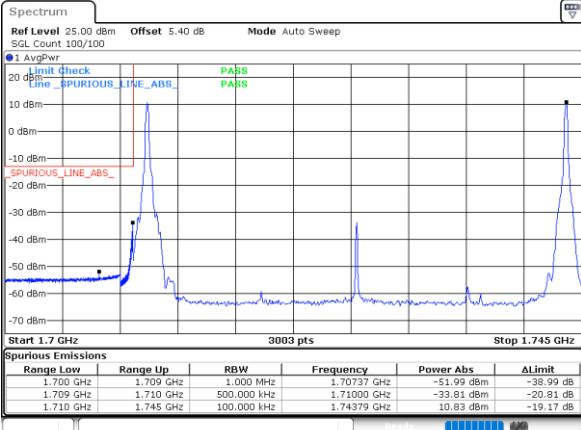
Date: 11.OCT.2023 22:32:20



LTE Band 66C / 20MHz+15MHz

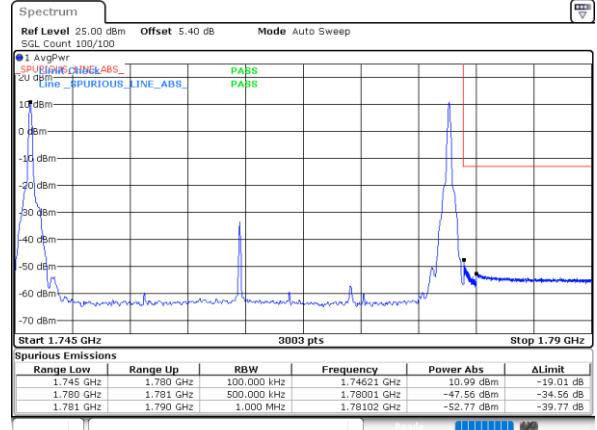
64QAM

Lowest Band Edge / 1RB0 and 1RB74



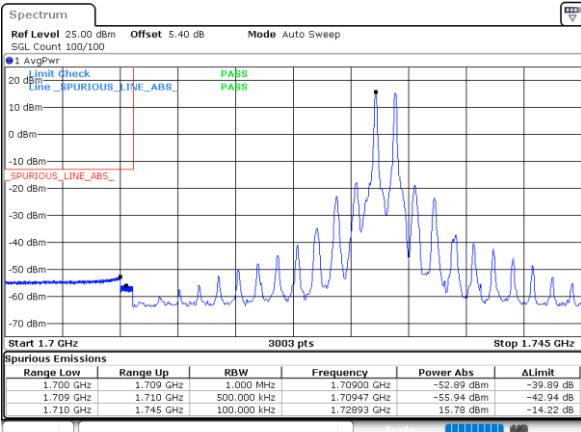
Date: 11.OCT.2023 22:21:29

Highest Band Edge / 1RB0 and 1RB74



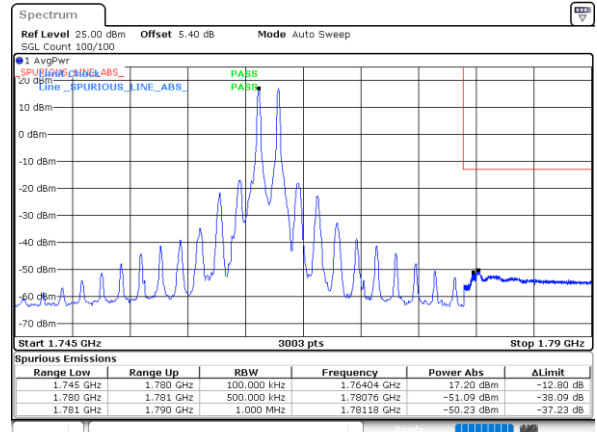
Date: 11.OCT.2023 22:36:09

Lowest Band Edge / 1RB99 and 1RB0



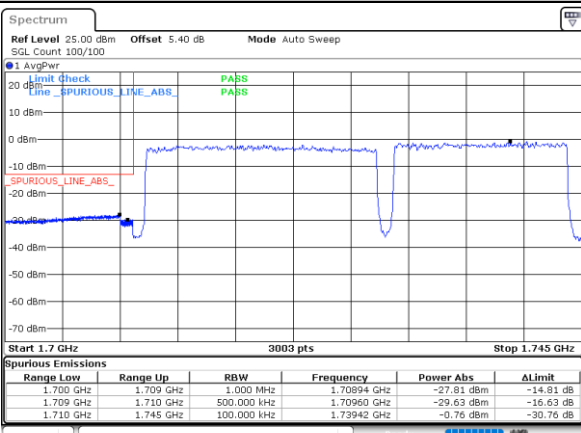
Date: 11.OCT.2023 22:24:31

Highest Band Edge / 1RB99 and 1RB0



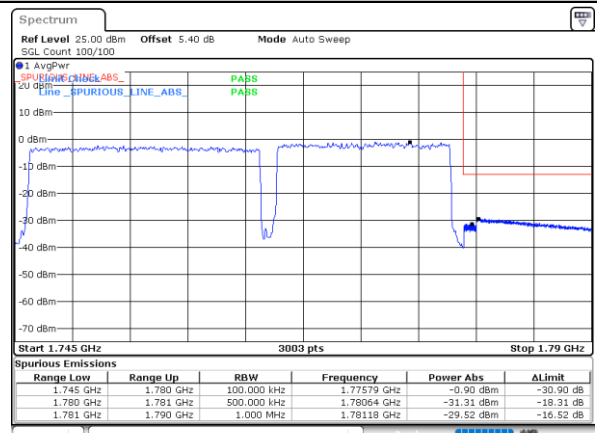
Date: 11.OCT.2023 22:39:12

Lowest Band Edge / Full RB



Date: 11.OCT.2023 22:18:26

Highest Band Edge / Full RB



Date: 11.OCT.2023 22:33:06

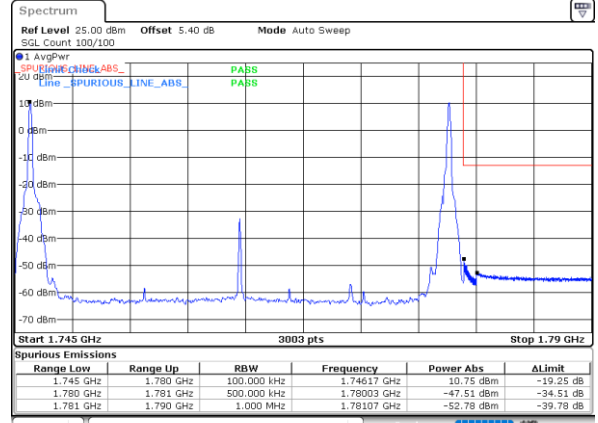
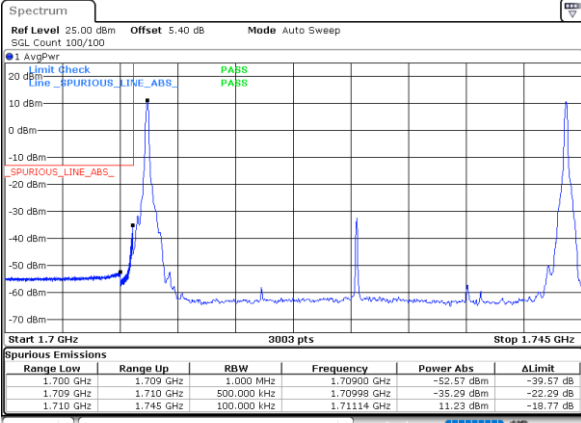


LTE Band 66C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

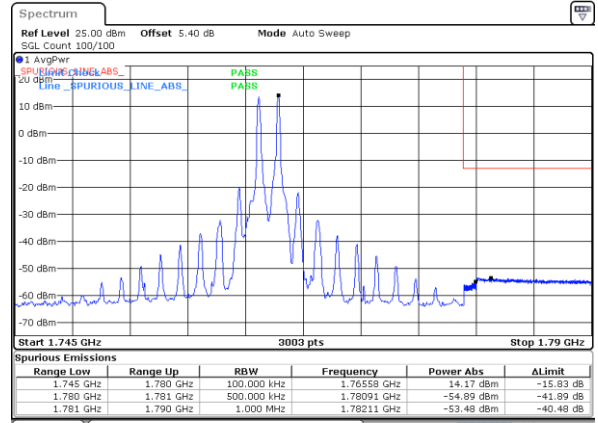
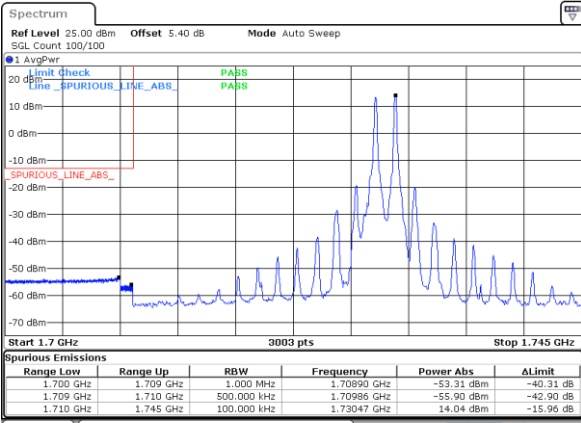


Date: 11.OCT.2023 22:22:14

Date: 11.OCT.2023 22:36:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

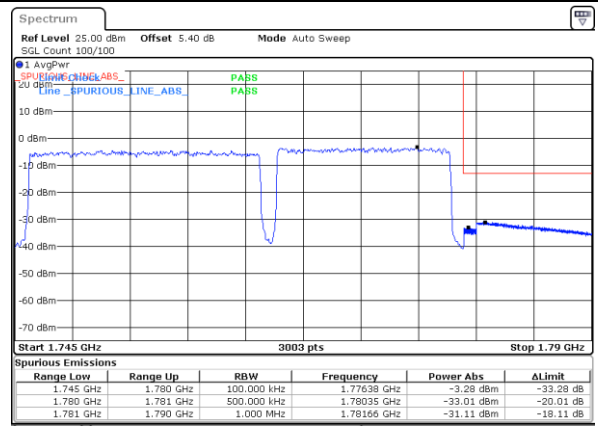
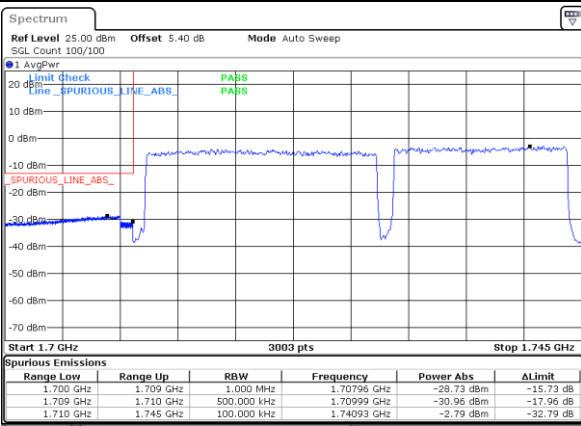


Date: 11.OCT.2023 22:25:17

Date: 11.OCT.2023 22:39:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 22:19:11

Date: 11.OCT.2023 22:33:52

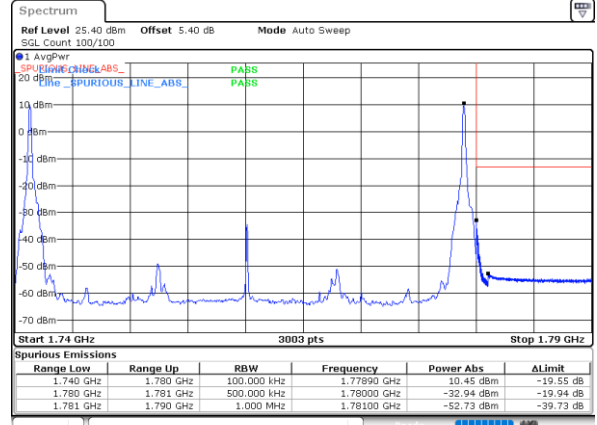
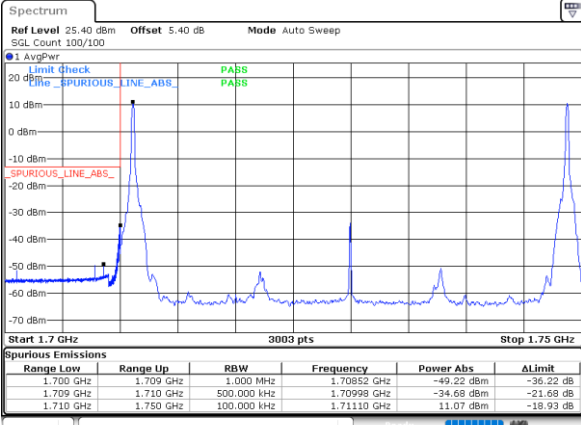


LTE Band 66C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

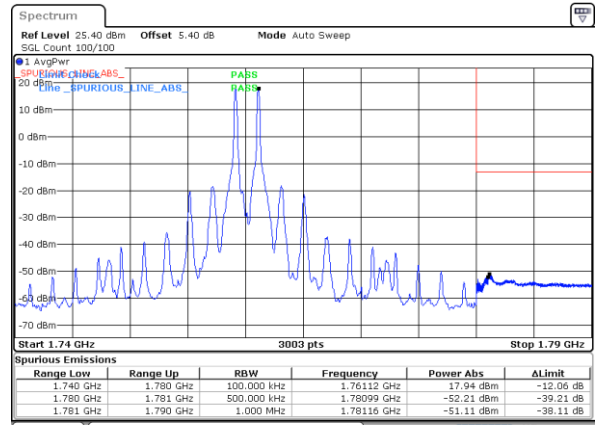
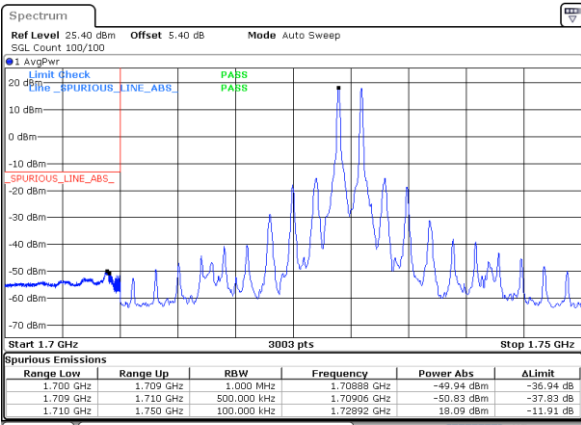


Date: 11.OCT.2023 23:27:42

Date: 11.OCT.2023 23:45:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

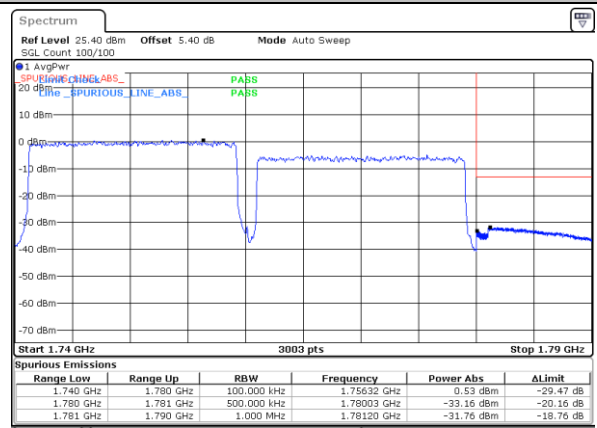
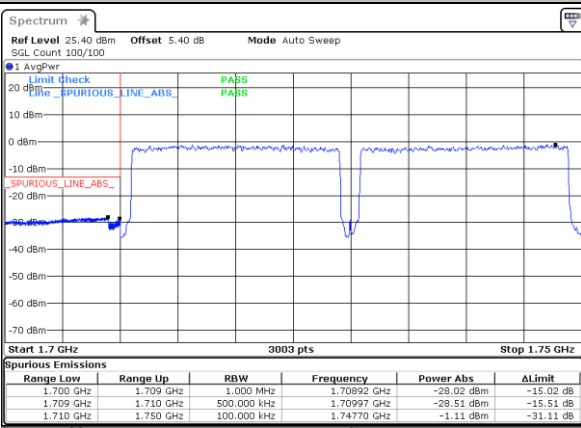


Date: 11.OCT.2023 23:30:44

Date: 11.OCT.2023 23:49:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.OCT.2023 23:24:40

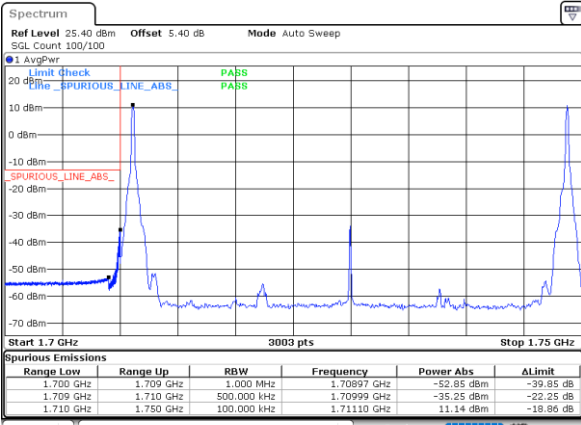
Date: 12.OCT.2023 00:50:26



LTE Band 66C / 20MHz+20MHz

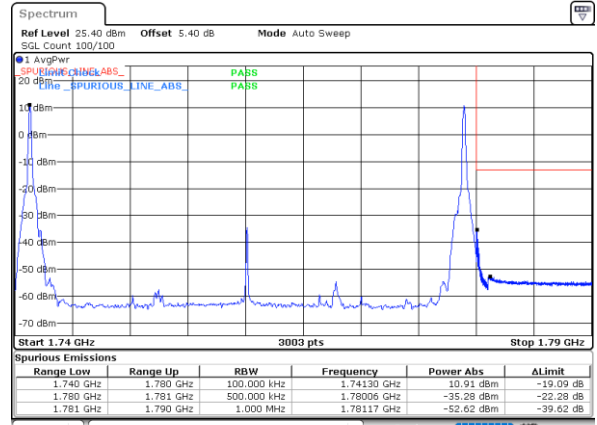
16QAM

Lowest Band Edge / 1RB0 and 1RB9



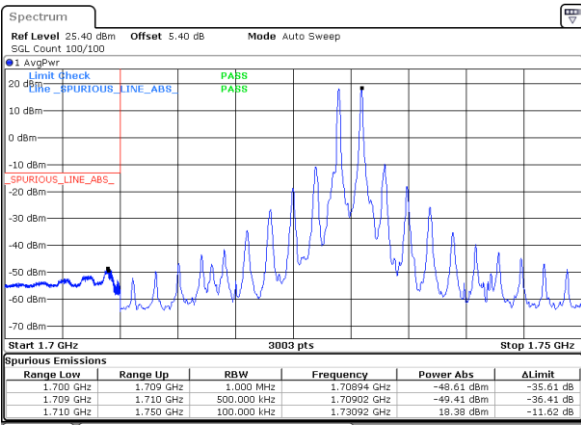
Date: 11.OCT.2023 23:12:28

Highest Band Edge / 1RB0 and 1RB9



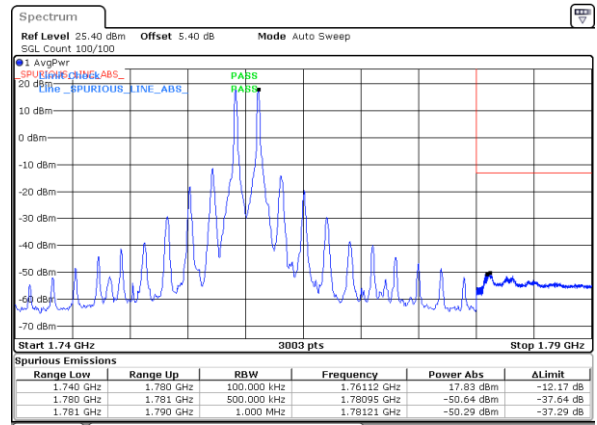
Date: 11.OCT.2023 23:14:19

Lowest Band Edge / 1RB99 and 1RB0



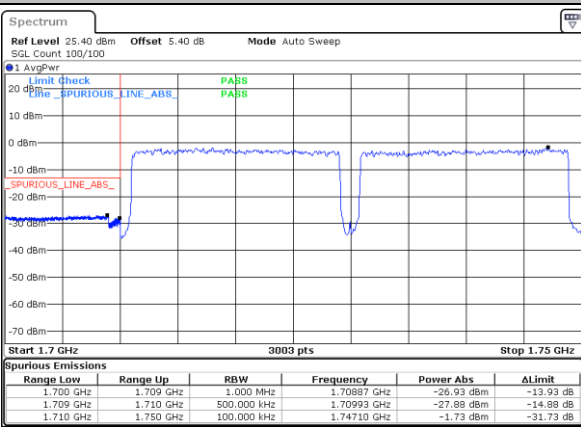
Date: 11.OCT.2023 23:31:30

Highest Band Edge / 1RB99 and 1RB0



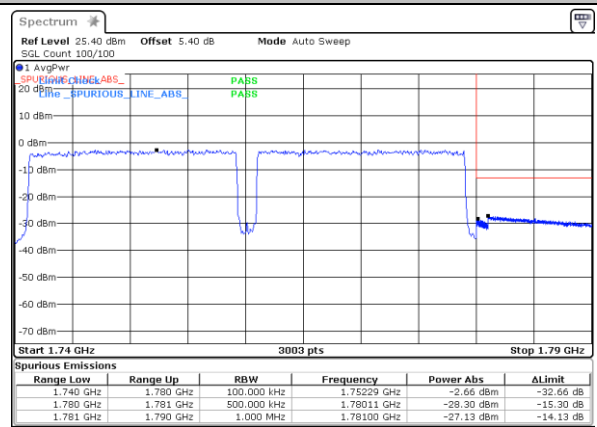
Date: 11.OCT.2023 23:50:00

Lowest Band Edge / Full RB



Date: 11.OCT.2023 23:25:25

Highest Band Edge / Full RB



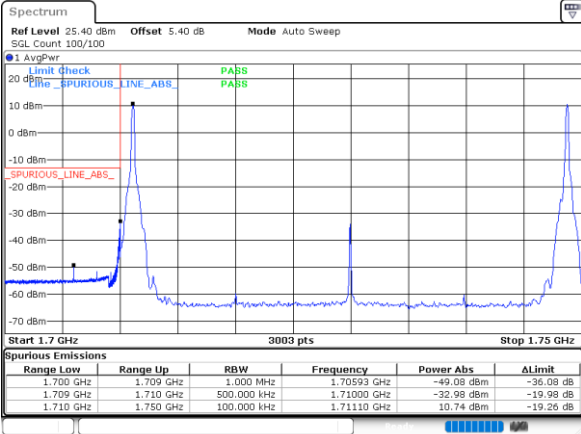
Date: 11.OCT.2023 23:39:18



LTE Band 66C / 20MHz+20MHz

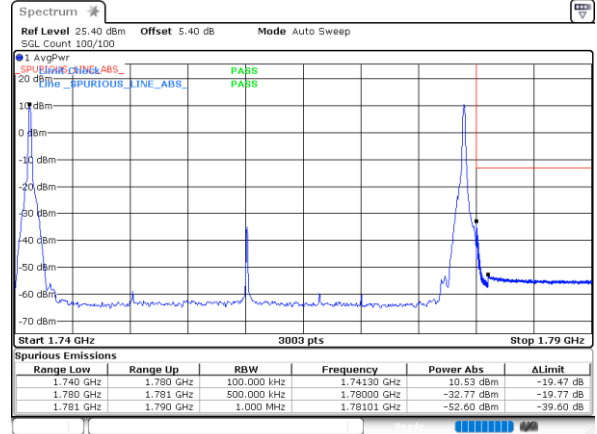
64QAM

Lowest Band Edge / 1RB0 and 1RB9



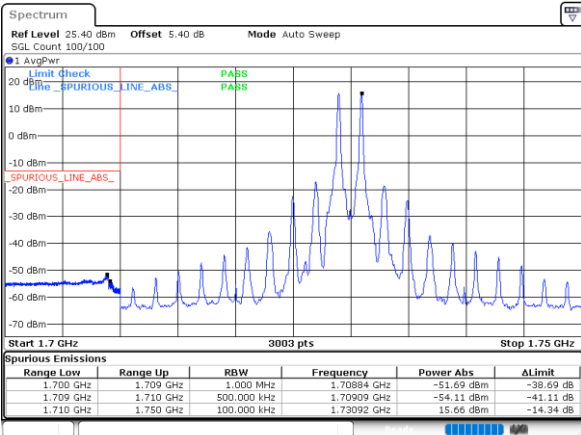
Date: 11.OCT.2023 23:29:13

Highest Band Edge / 1RB0 and 1RB9



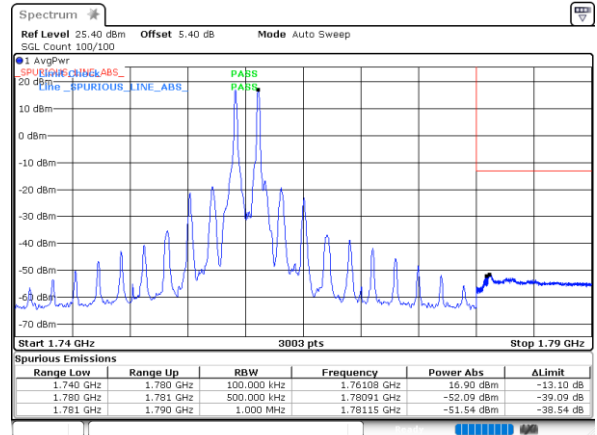
Date: 11.OCT.2023 23:47:04

Lowest Band Edge / 1RB99 and 1RB0



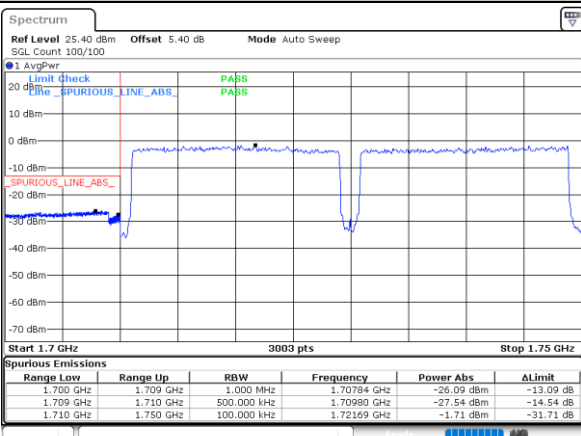
Date: 11.OCT.2023 23:32:15

Highest Band Edge / 1RB99 and 1RB0



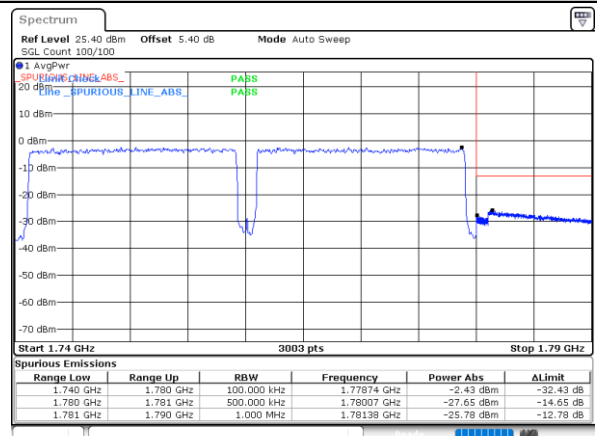
Date: 11.OCT.2023 23:50:46

Lowest Band Edge / Full RB



Date: 11.OCT.2023 23:26:11

Highest Band Edge / Full RB



Date: 11.OCT.2023 23:42:34

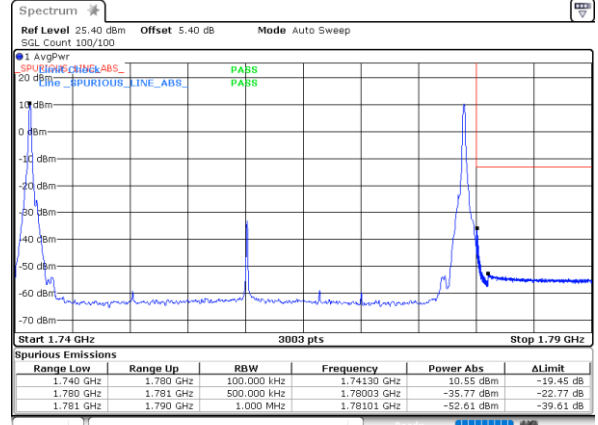
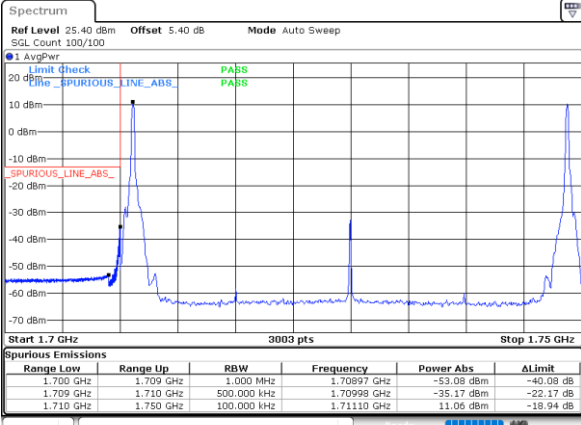


LTE Band 66C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

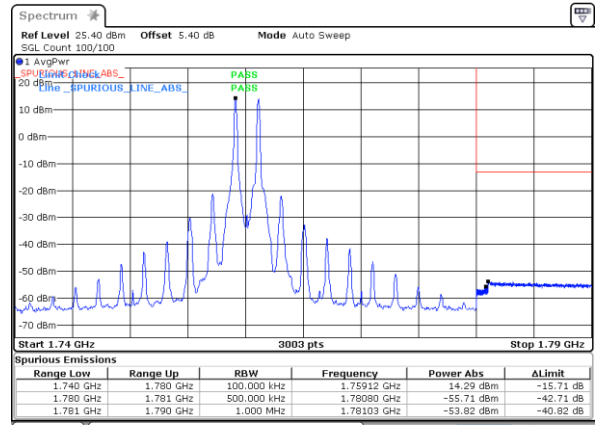
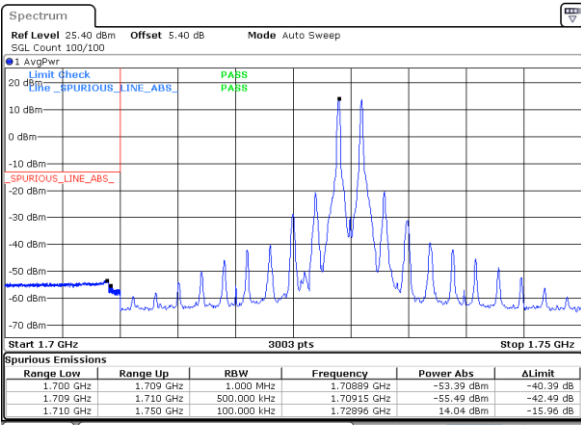


Date: 11.OCT.2023 23:29:59

Date: 11.OCT.2023 23:48:29

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

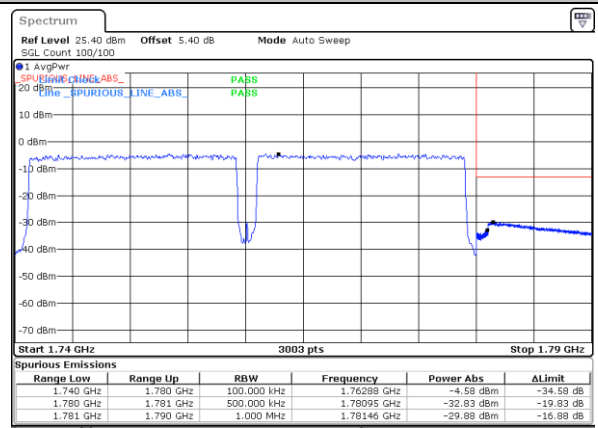
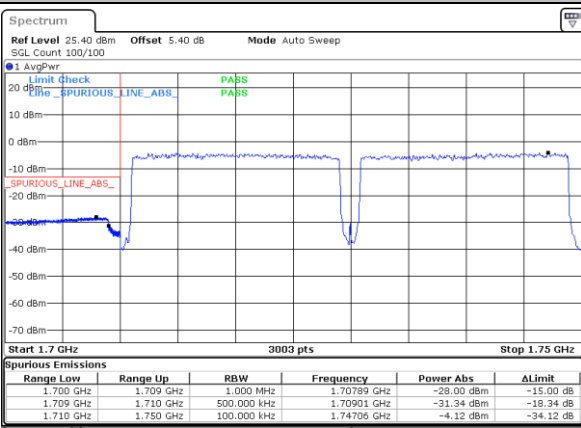


Date: 11.OCT.2023 23:33:01

Date: 11.OCT.2023 23:54:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



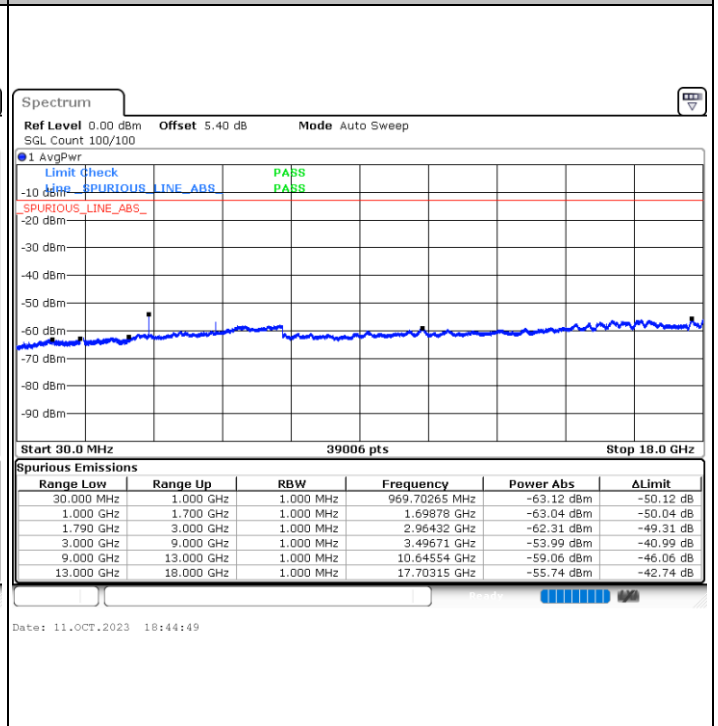
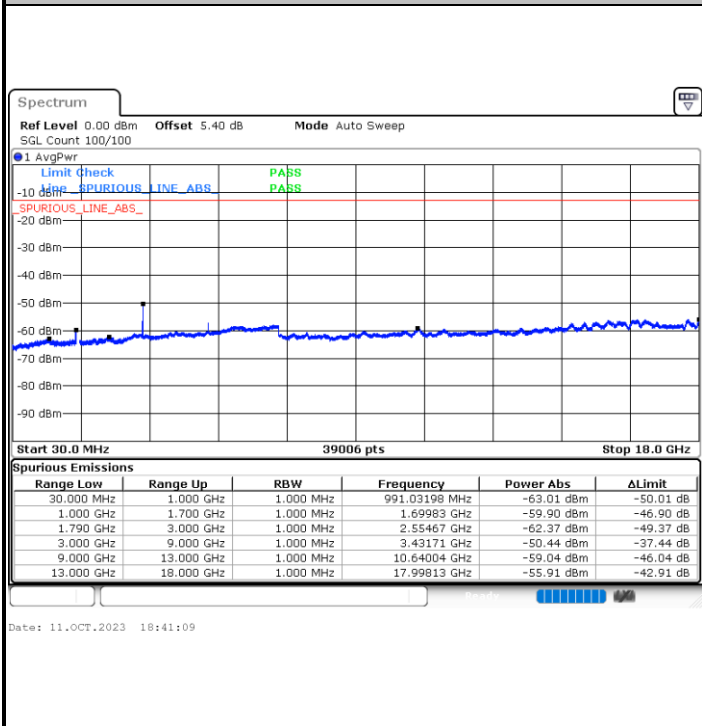
Date: 11.OCT.2023 23:26:56

Date: 11.OCT.2023 23:44:47

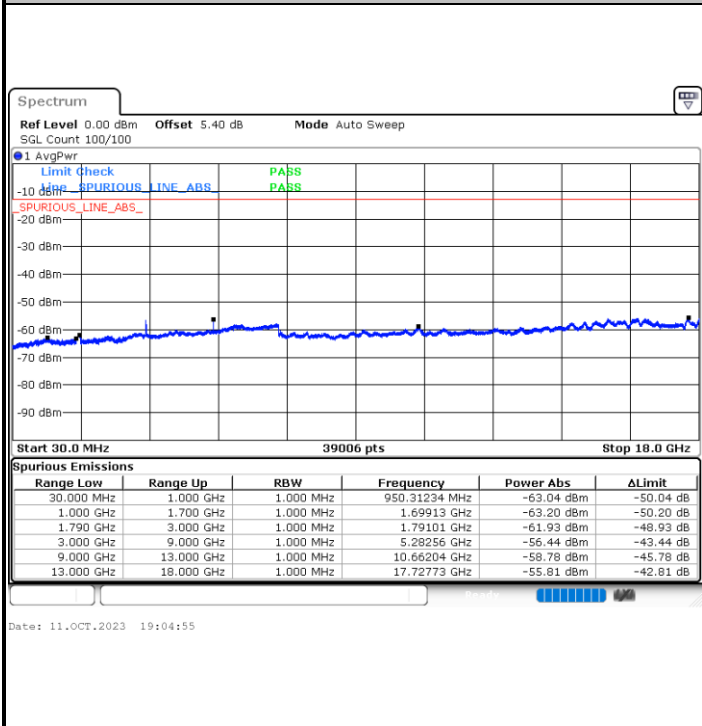


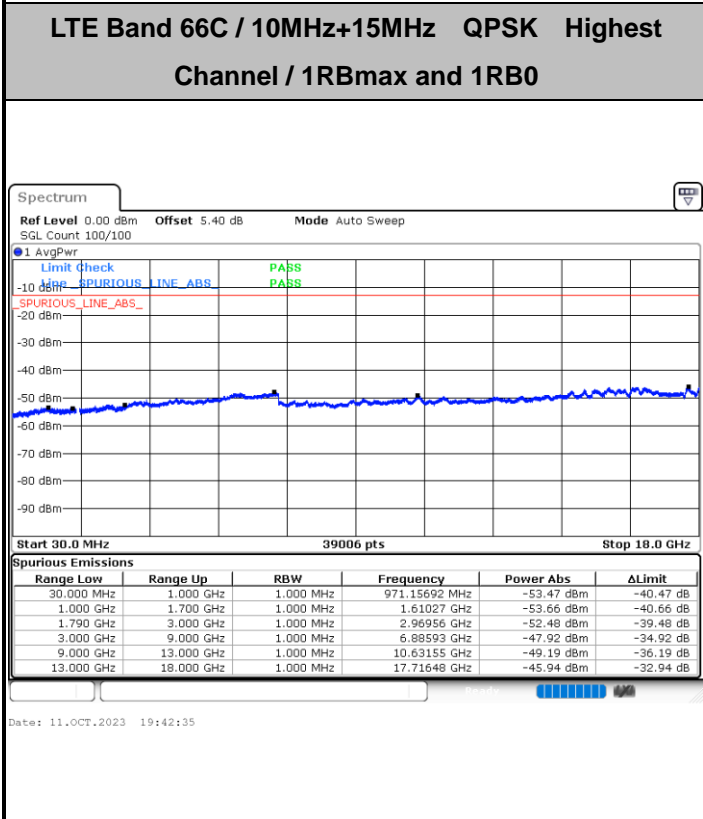
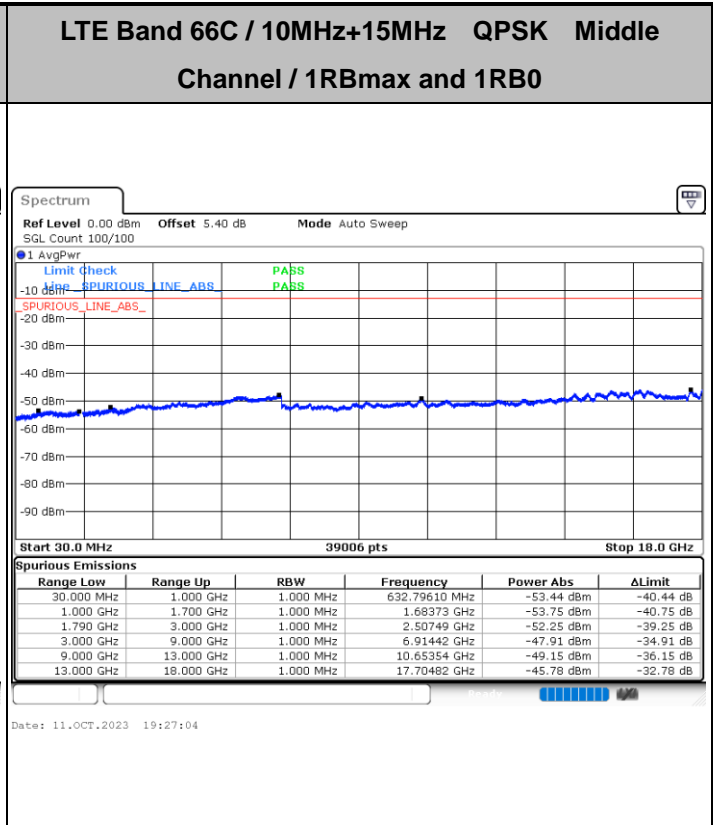
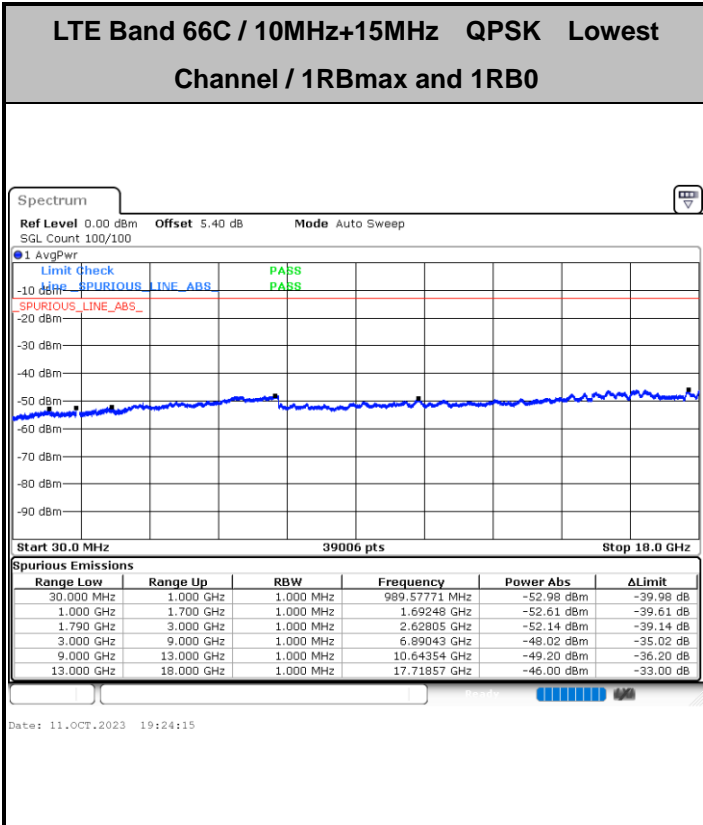
Conducted Spurious Emission

LTE Band 66C / 5MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0	LTE Band 66C / 5MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0
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LTE Band 66C / 5MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0

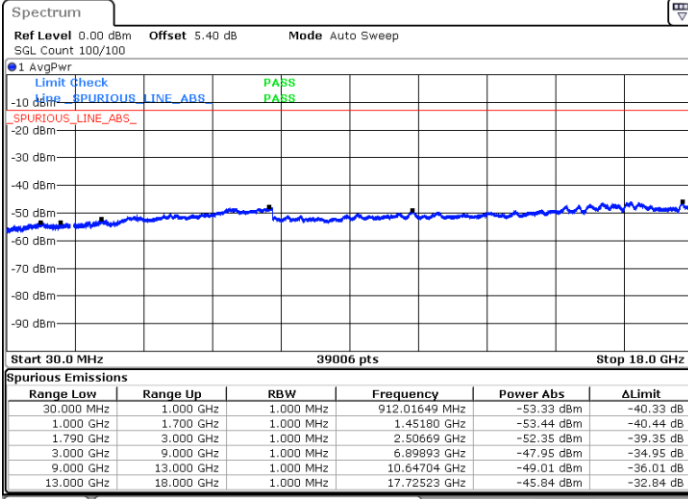




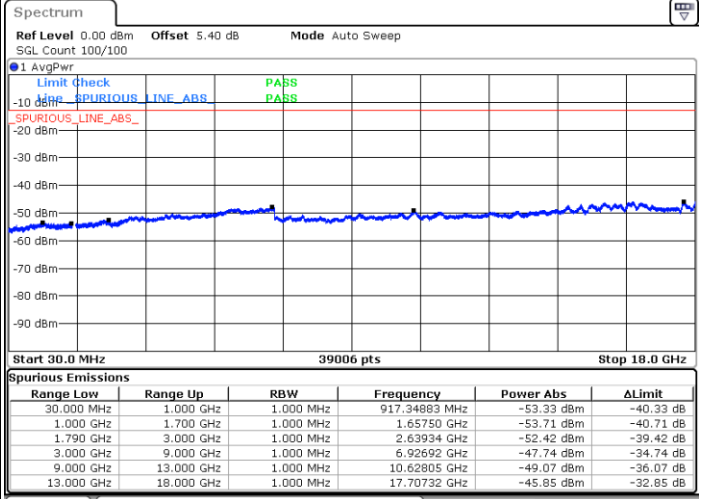


LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0

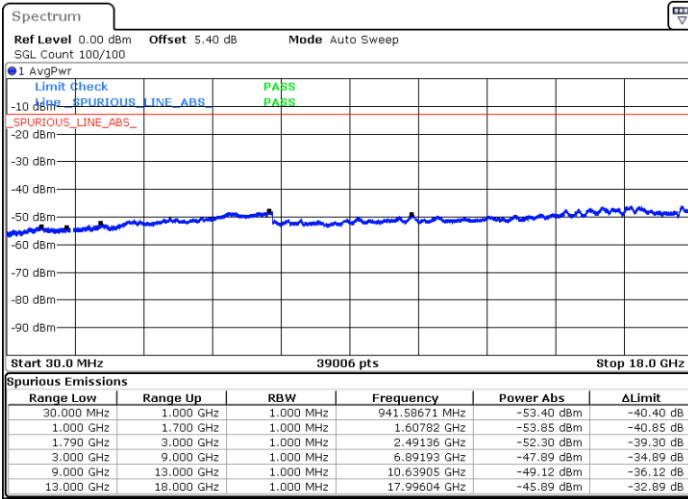


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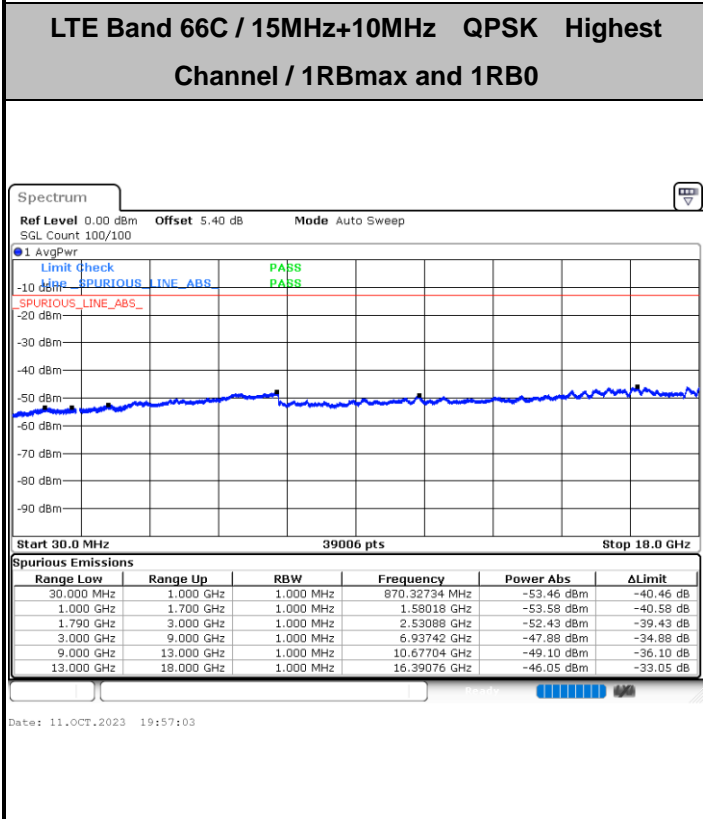
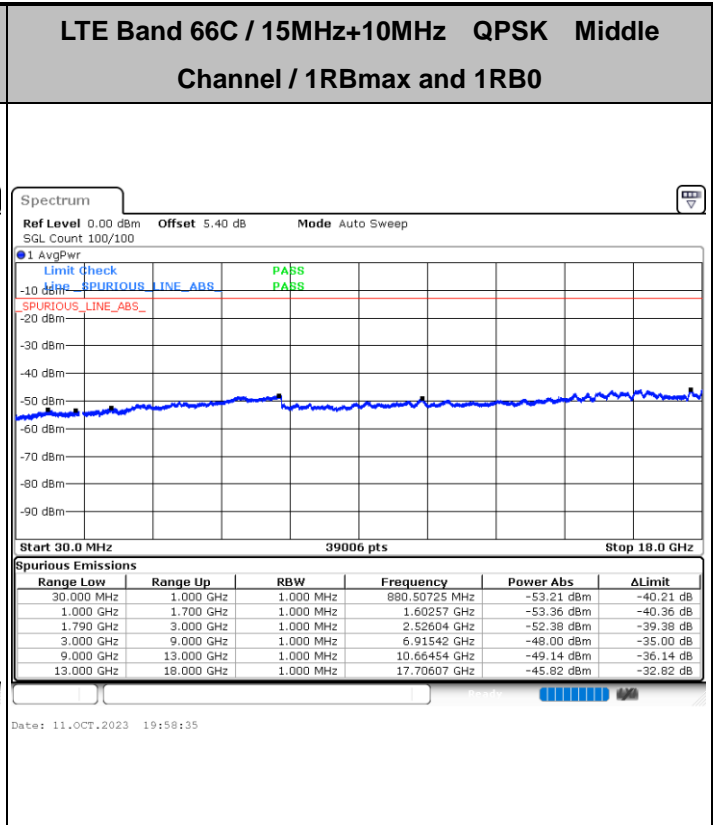
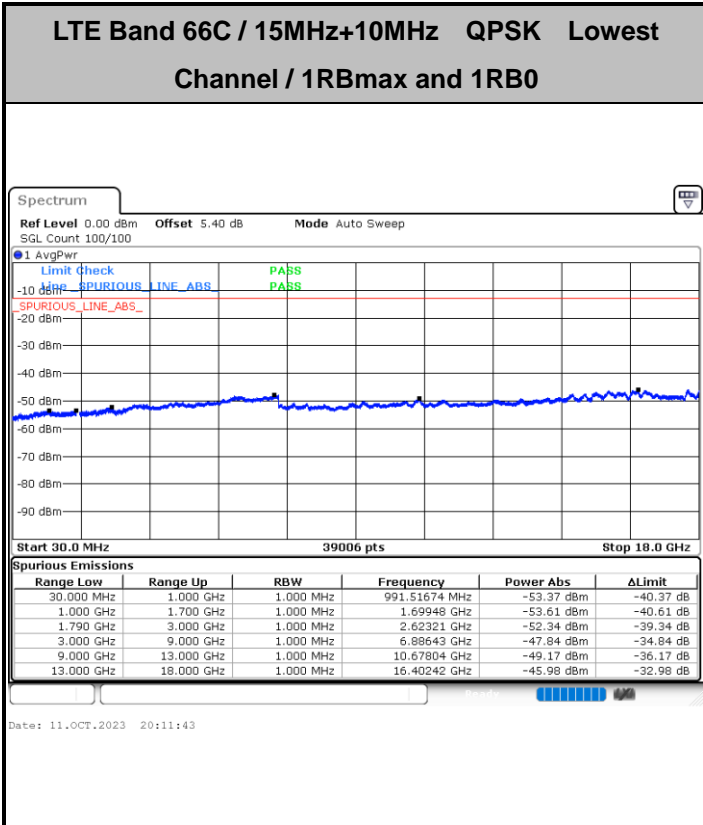


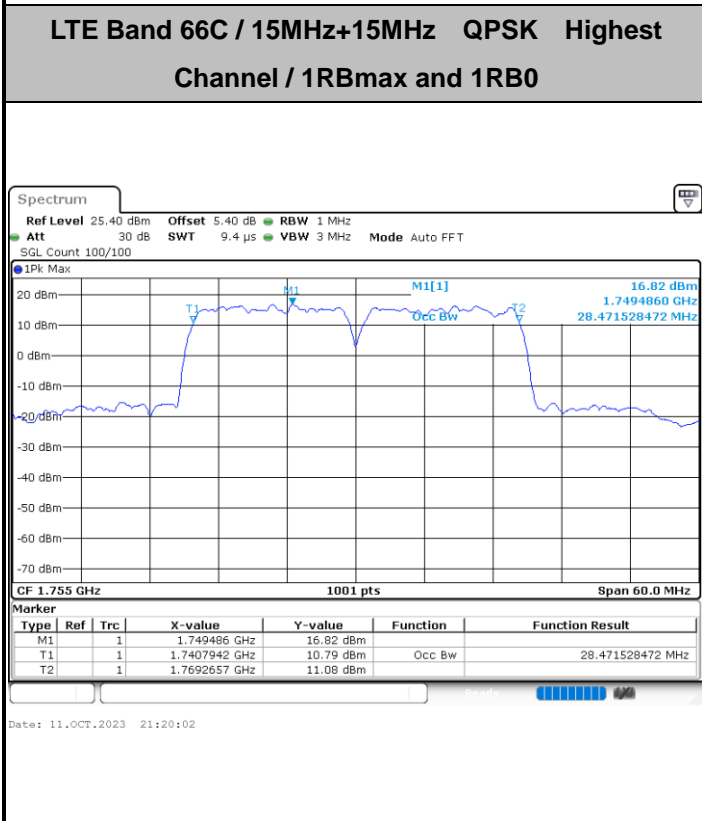
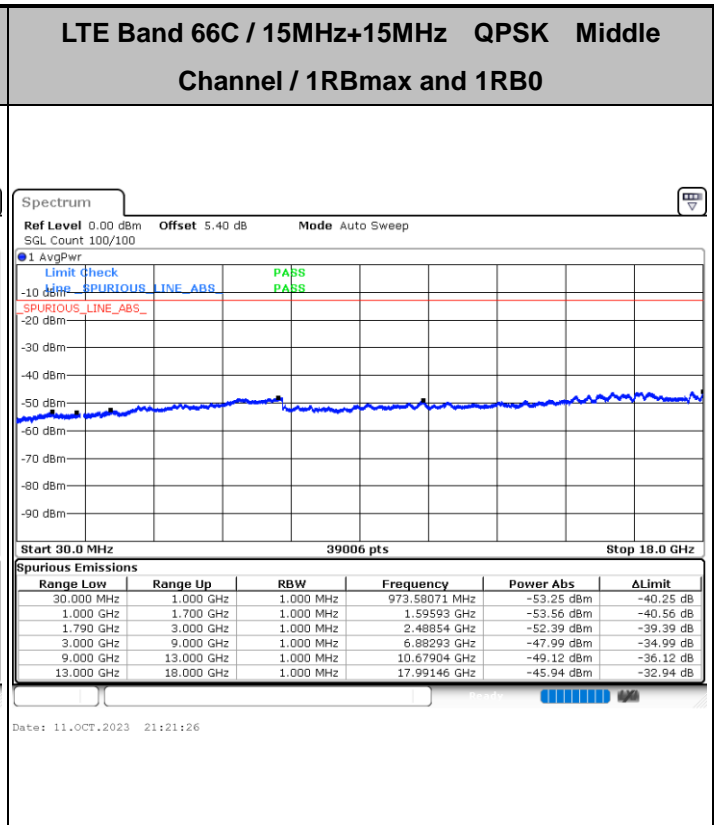
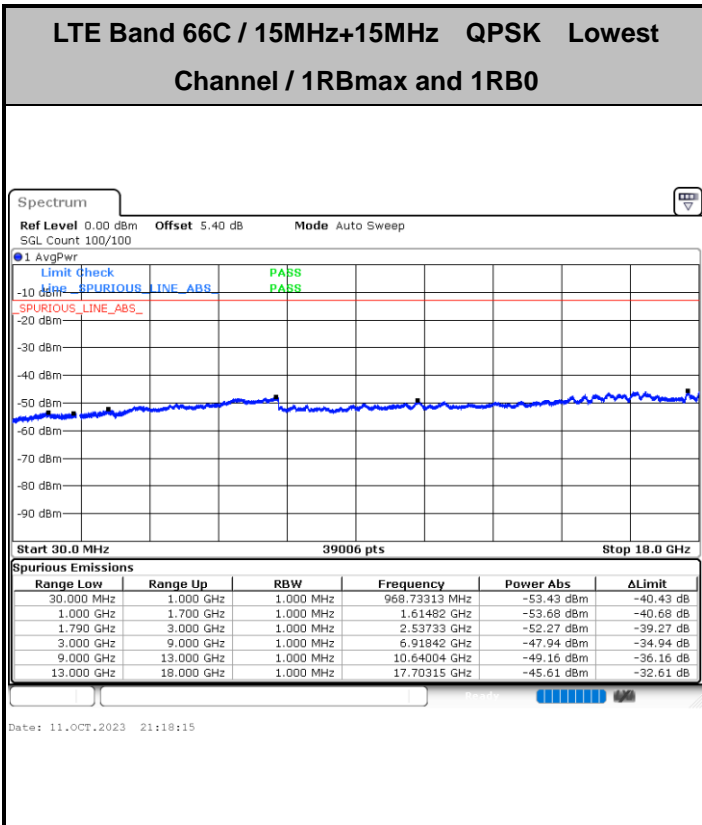
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LTE Band 66C / 10MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0



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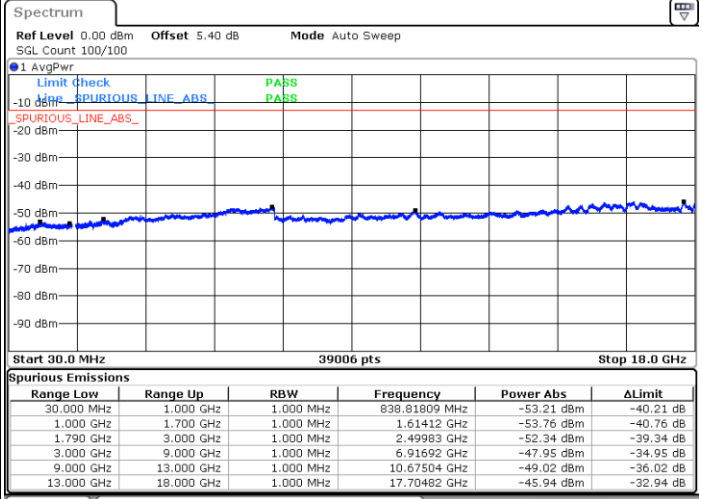
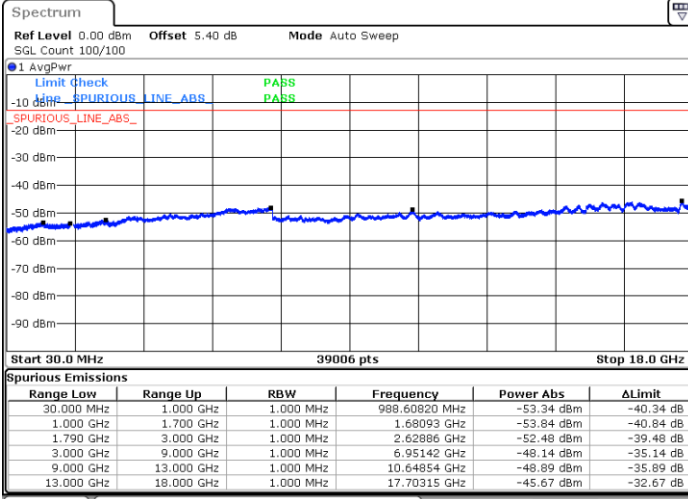






LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

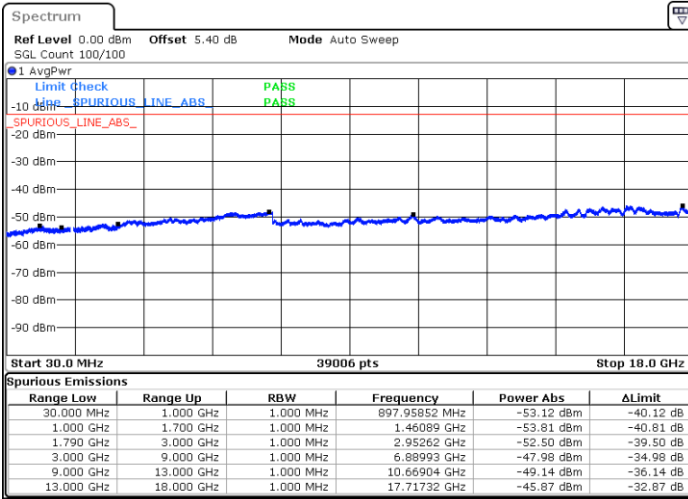
LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0



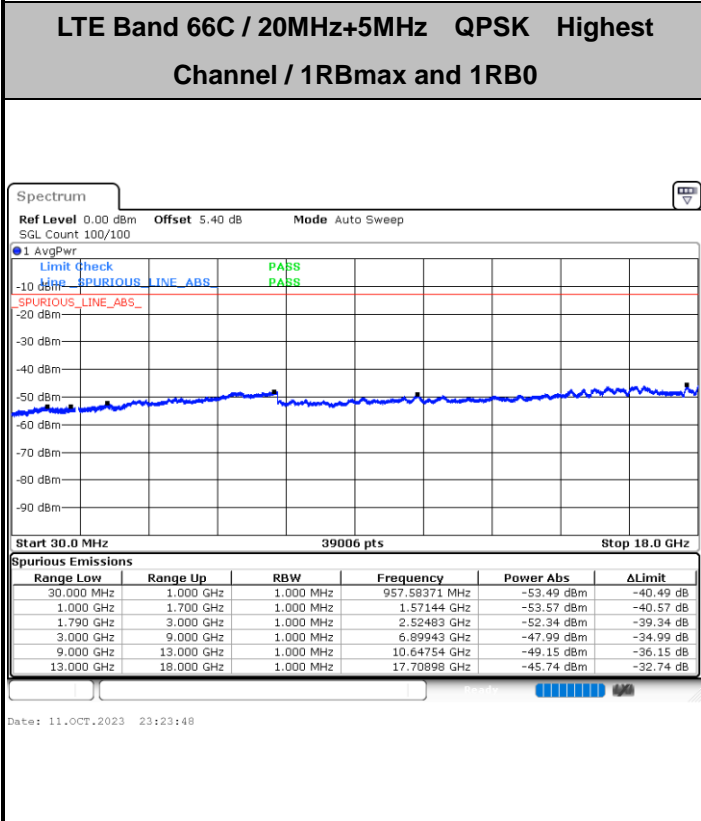
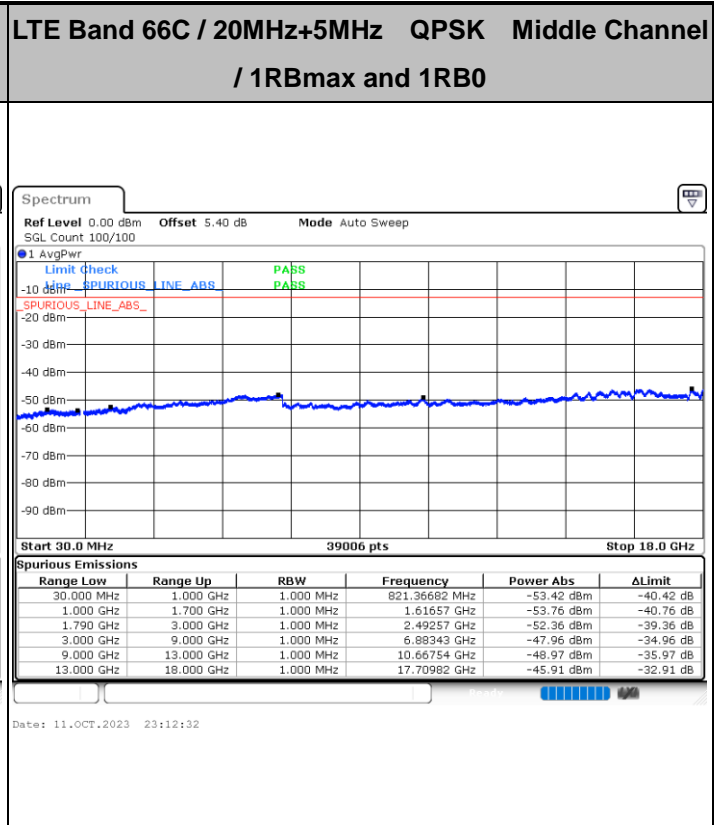
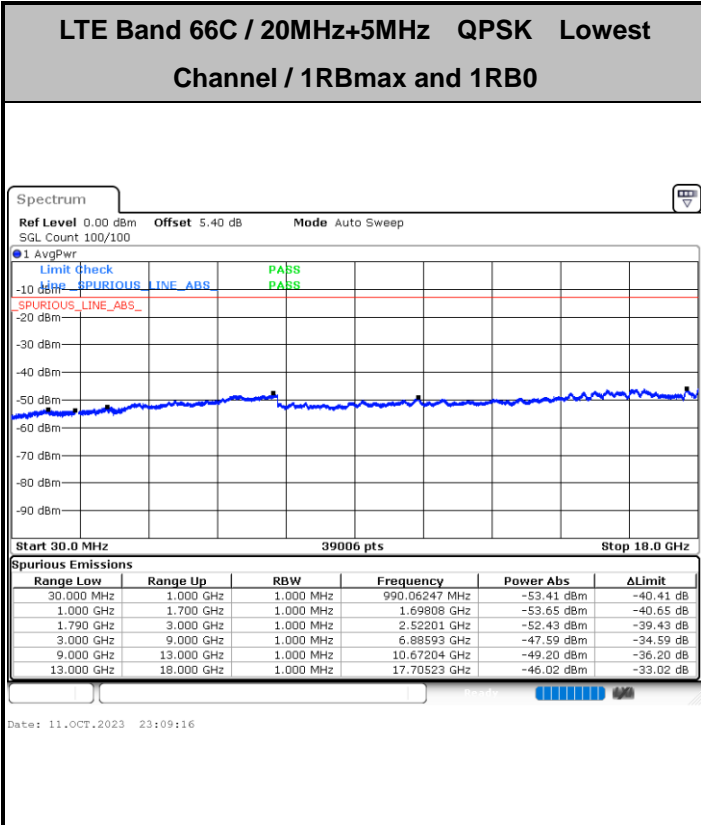
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Date: 11.OCT.2023 21:46:35

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0



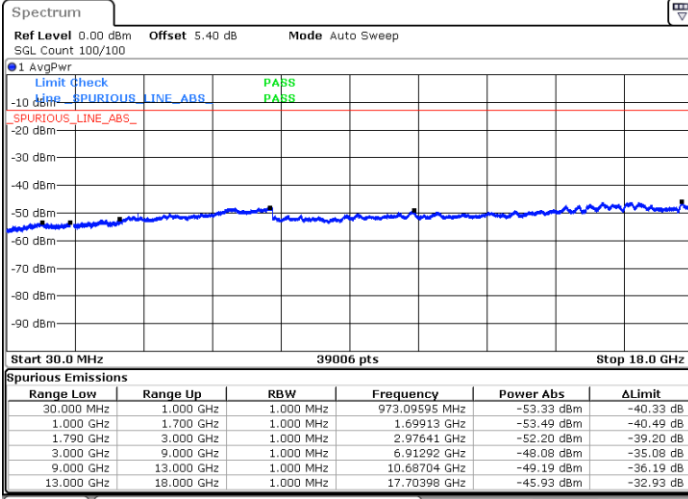
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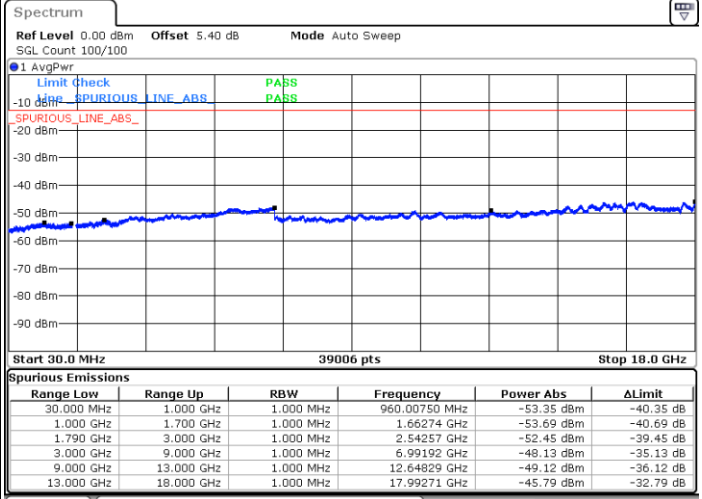


LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RBmax and 1RB0

LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RBmax and 1RB0

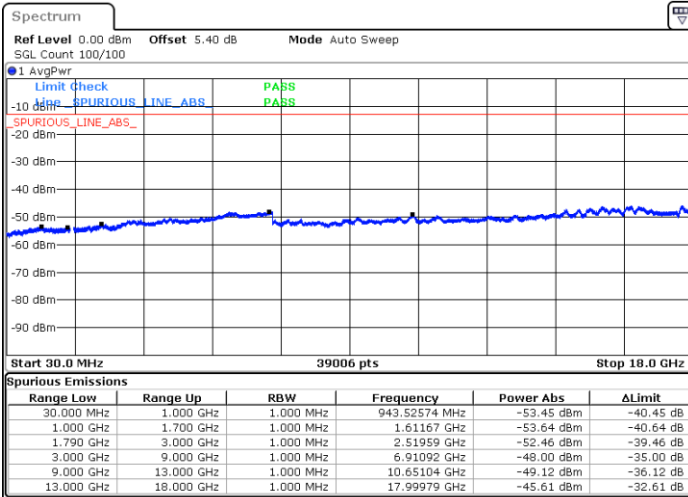


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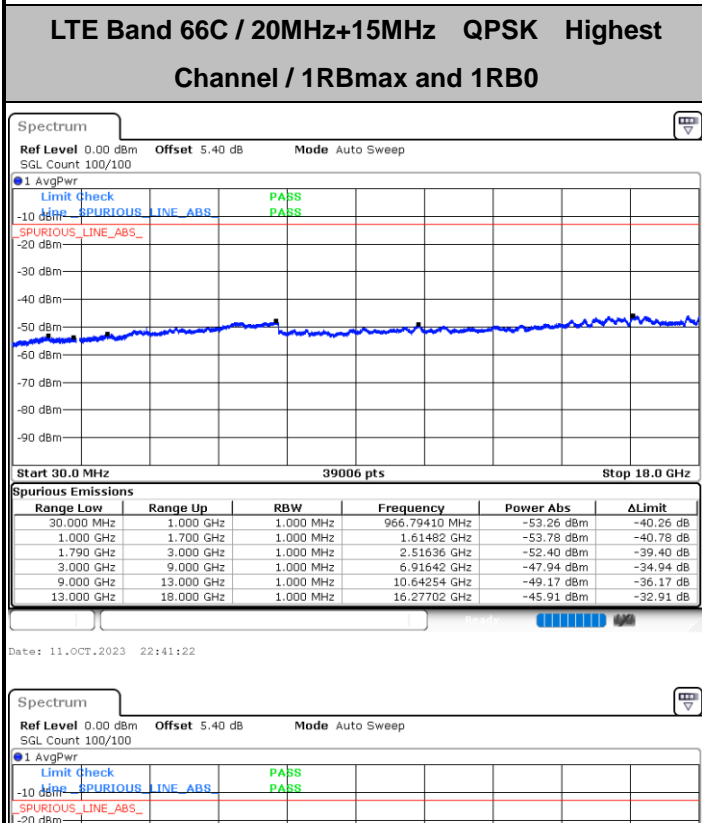
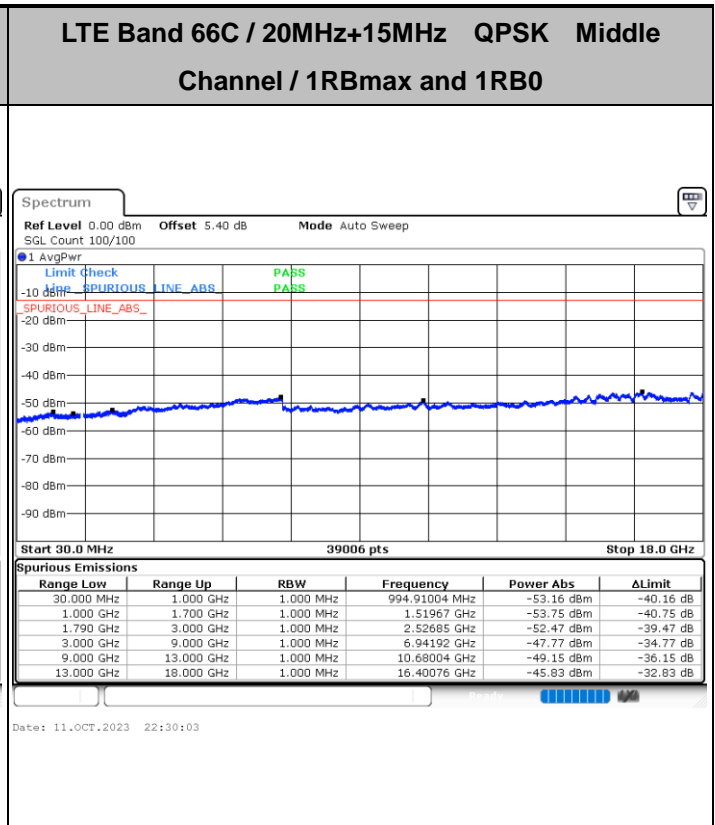
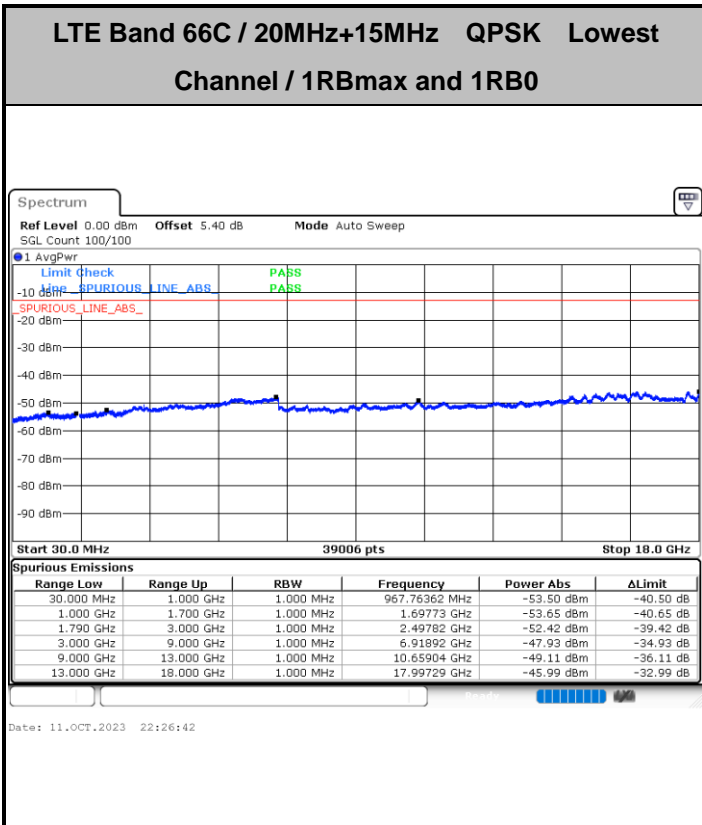


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LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RBmax and 1RB0



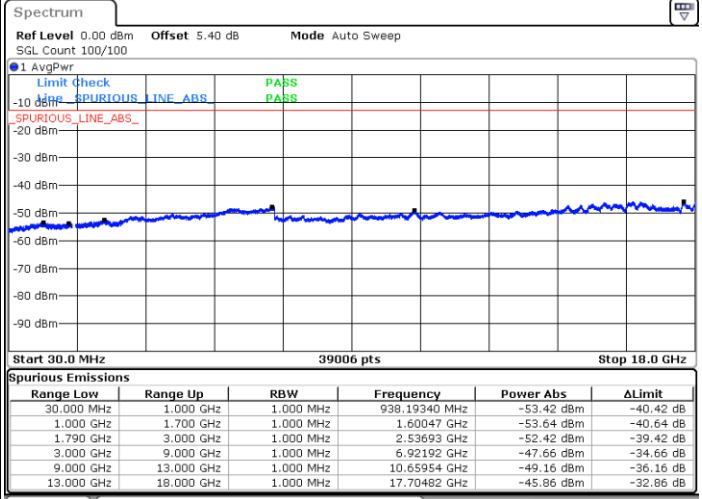
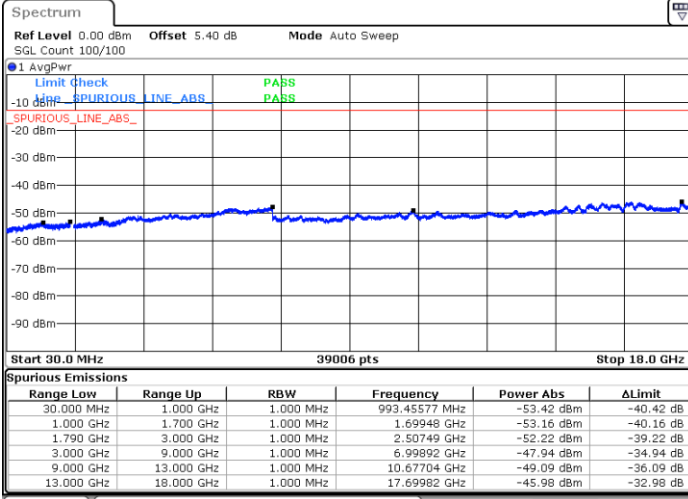
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LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

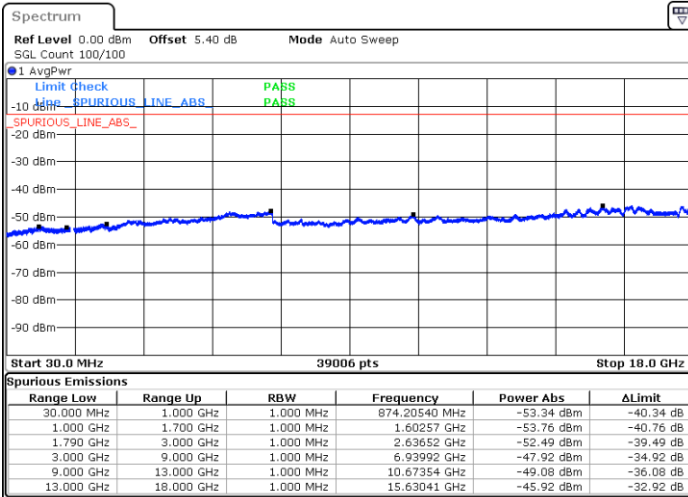
LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 11.OCT.2023 23:34:26

Date: 11.OCT.2023 23:35:57

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0



Date: 12.OCT.2023 00:34:13



Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 25 / 20MHz / QPSK_Ant.0								
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	3750	-57.83	-13	-44.83	-70.09	2.64	14.90	H
	5625	-56.33	-13	-43.33	-68.19	2.94	14.80	H
	7500	-53.30	-13	-40.30	-63.07	3.39	13.16	H
	3750	-57.75	-13	-44.75	-70.01	2.64	14.90	V
	5625	-56.83	-13	-43.83	-68.69	2.94	14.80	V
	7500	-53.70	-13	-40.70	-63.47	3.39	13.16	V

LTE Band 26 / 15MHz / QPSK_Ant.0								
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	1656	-64.08	-13	-51.08	-71.05	1.58	10.70	H
	2488	-59.49	-13	-46.49	-67.74	2.102	12.50	H
	3320	-59.60	-13	-46.60	-68.49	2.856	13.90	H
	1656	-63.07	-13	-50.07	-70.04	1.58	10.70	V
	2488	-58.04	-13	-45.04	-66.29	2.10	12.50	V
	3320	-59.56	-13	-46.56	-68.45	2.86	13.90	V

LTE Band 66 / 20MHz / QPSK_Ant.0								
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	3465	-58.64	-13	-45.64	-69.38	2.604	13.34	H
	5205	-56.90	-13	-43.90	-67.41	3.011	13.52	H
	6945	-55.75	-13	-42.75	-65.95	3.271	13.47	H
	3465	-58.95	-13	-45.95	-69.69	2.604	13.34	V
	5205	-56.73	-13	-43.73	-67.24	3.011	13.52	V
	6945	-56.09	-13	-43.09	-66.29	3.271	13.47	V



LTE Band 66B / 10MHz + 10MHz / QPSK _Ant.0								
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)
(PCC) Middle	3495	-58.91	-13	-45.91	-69.65	2.604	13.34	H
	5235	-57.37	-13	-44.37	-67.88	3.011	13.52	H
	6990	-56.02	-13	-43.02	-66.22	3.271	13.47	H
	3495	-59.43	-13	-46.43	-70.17	2.604	13.34	V
	5235	-57.3	-13	-44.30	-67.81	3.011	13.52	V
	6990	-56.2	-13	-43.20	-66.40	3.271	13.47	V
(SCC) Middle	3510	-59.01	-13	-46.01	-69.75	2.604	13.34	H
	5265	-57.15	-13	-44.15	-67.66	3.011	13.52	H
	7020	-56.12	-13	-43.12	-66.32	3.271	13.47	H
	3510	-59.48	-13	-46.48	-70.22	2.604	13.34	V
	5265	-56.64	-13	-43.64	-67.15	3.011	13.52	V
	7020	-56.12	-13	-43.12	-66.32	3.271	13.47	V

LTE Band 66C / 20MHz + 20MHz / QPSK _Ant.0								
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)
(PCC) Middle	3465	-58.44	-13	-45.44	-69.18	2.604	13.34	H
	5205	-56.94	-13	-43.94	-67.45	3.011	13.52	H
	6945	-56.04	-13	-43.04	-66.24	3.271	13.47	H
	3465	-59.34	-13	-46.34	-70.08	2.604	13.34	V
	5205	-56.67	-13	-43.67	-67.18	3.011	13.52	V
	6945	-55.89	-13	-42.89	-66.09	3.271	13.47	V
(SCC) Middle	3510	-58.99	-13	-45.99	-69.73	2.604	13.34	H
	5265	-57.08	-13	-44.08	-67.59	3.011	13.52	H
	7020	-55.94	-13	-42.94	-66.14	3.271	13.47	H
	3510	-59.38	-13	-46.38	-70.12	2.604	13.34	V
	5265	-57.03	-13	-44.03	-67.54	3.011	13.52	V
	7020	-55.64	-13	-42.64	-65.84	3.271	13.47	V

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