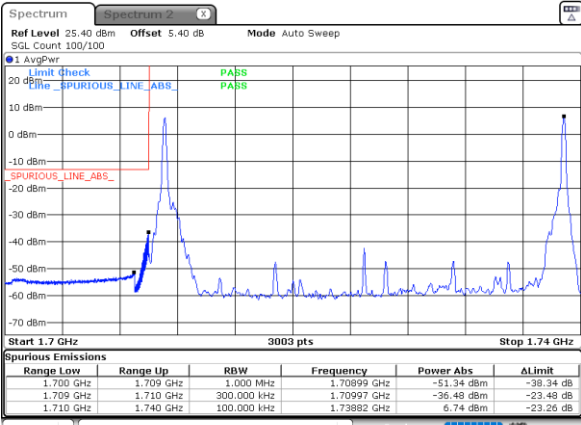




LTE Band 66C / 20MHz+10MHz

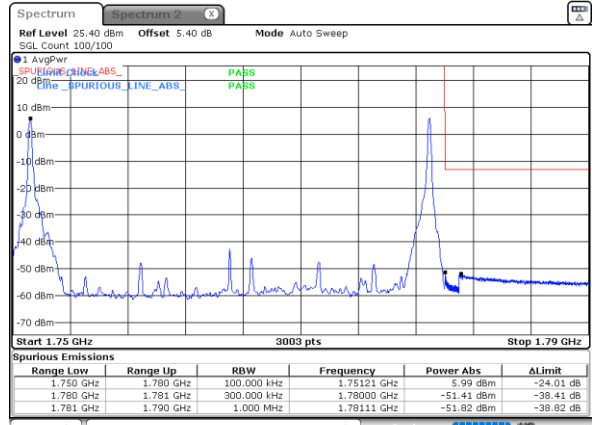
64QAM

Lowest Band Edge / 1RB0 and 1RB49



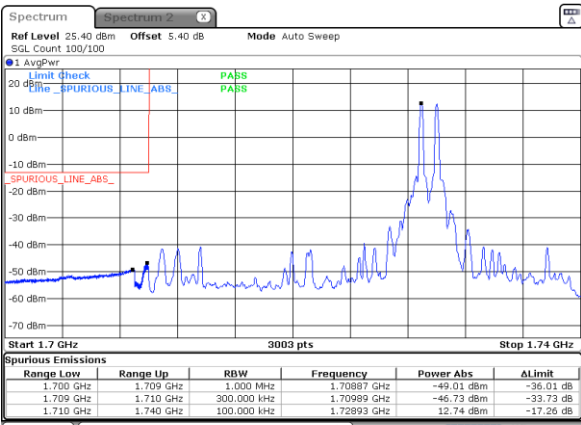
Date: 24.MAY.2024 22:16:21

Highest Band Edge / 1RB0 and 1RB49



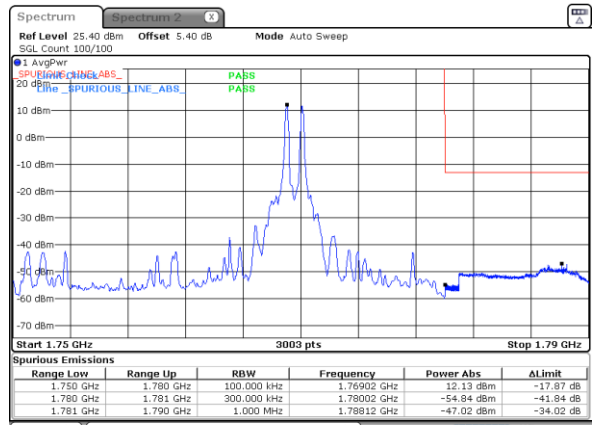
Date: 24.MAY.2024 22:17:29

Lowest Band Edge / 1RB99 and 1RB0



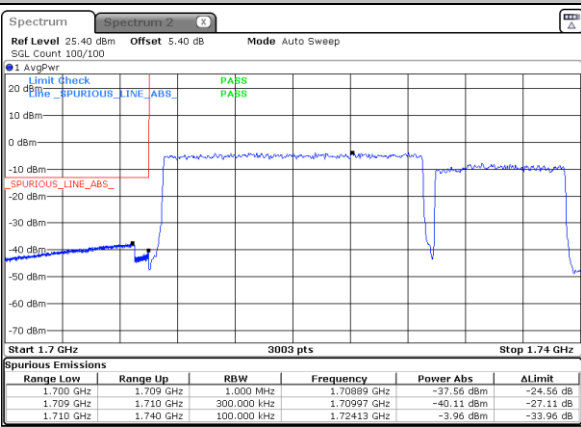
Date: 24.MAY.2024 22:08:28

Highest Band Edge / 1RB99 and 1RB0



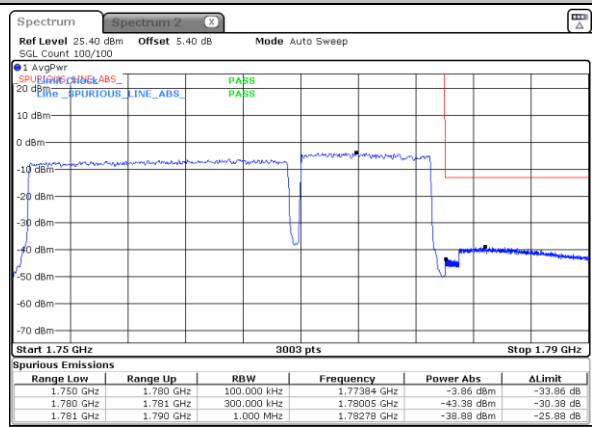
Date: 24.MAY.2024 22:19:34

Lowest Band Edge / Full RB



Date: 24.MAY.2024 22:04:14

Highest Band Edge / Full RB



Date: 24.MAY.2024 22:15:23

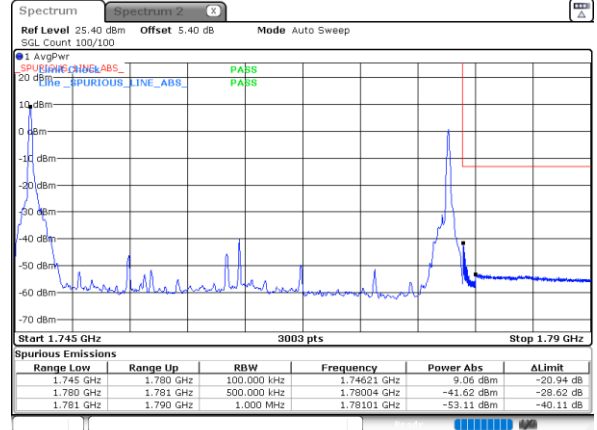
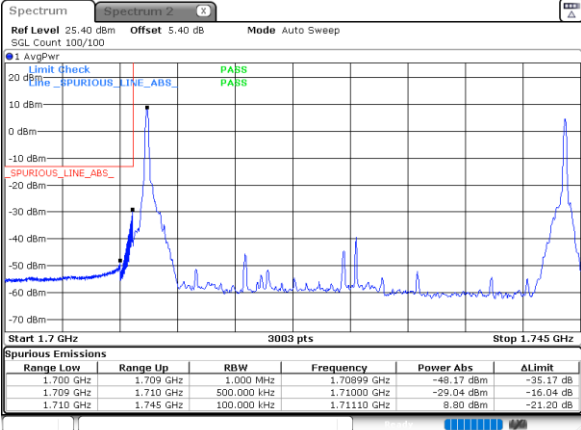


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

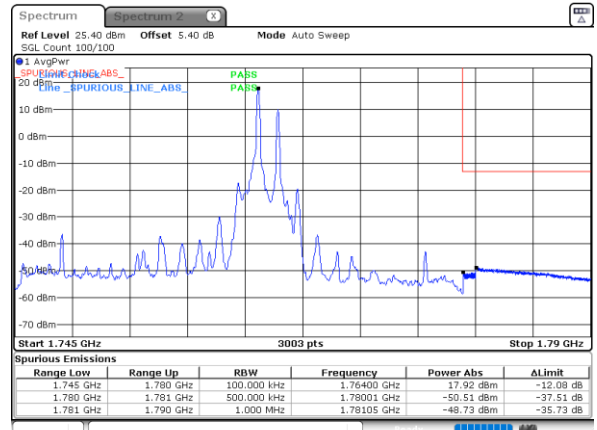
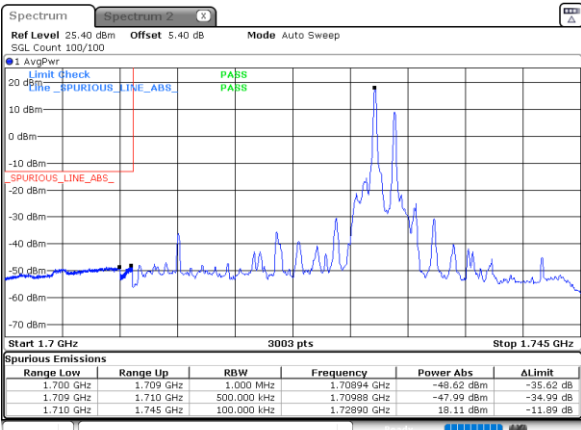


Date: 24.MAY.2024 23:59:00

Date: 25.MAY.2024 00:10:05

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

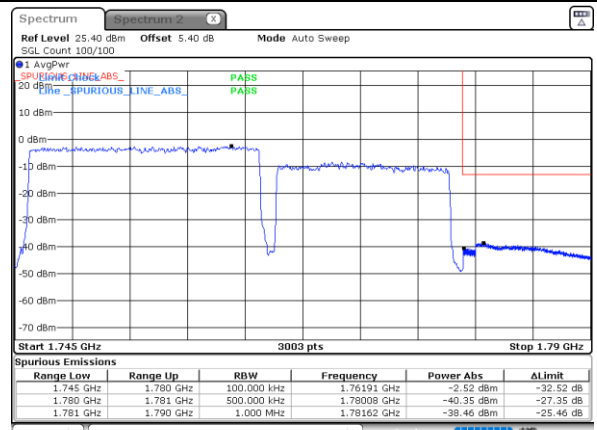
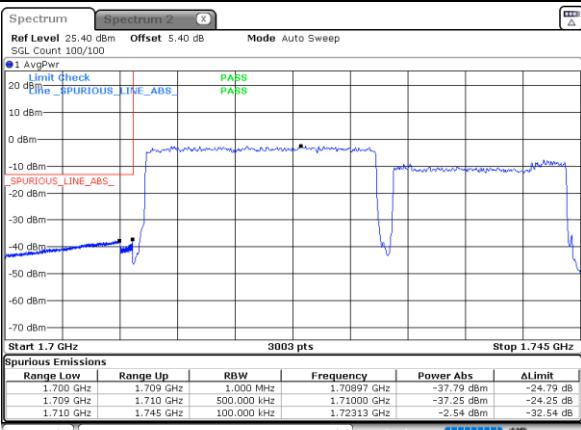


Date: 25.MAY.2024 00:01:04

Date: 25.MAY.2024 00:12:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2024 23:56:55

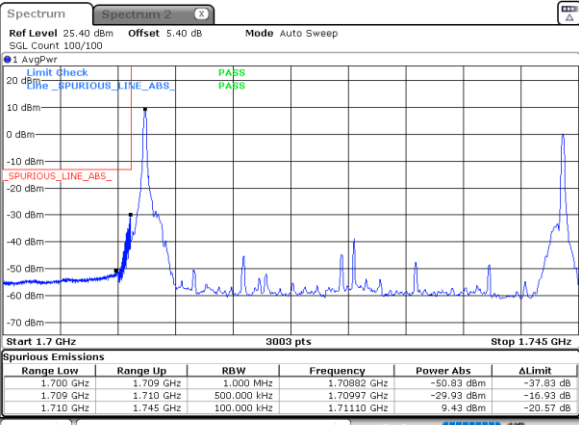
Date: 25.MAY.2024 00:07:59



LTE Band 66C / 20MHz+15MHz

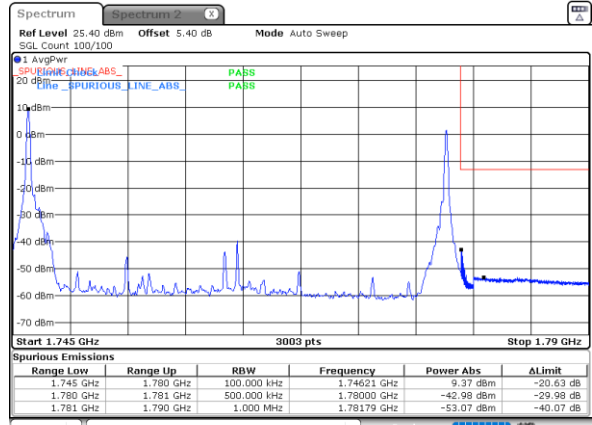
16QAM

Lowest Band Edge / 1RB0 and 1RB74



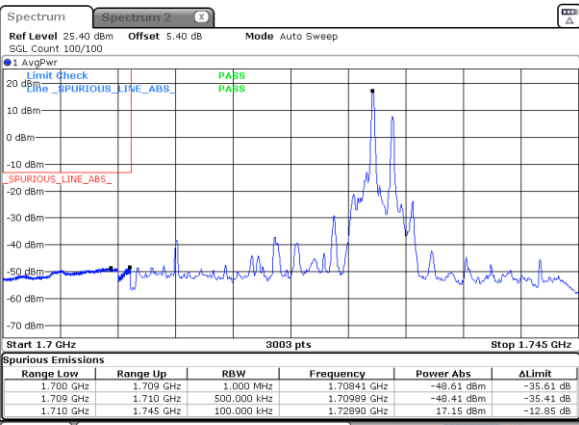
Date: 24.MAY.2024 23:59:41

Highest Band Edge / 1RB0 and 1RB74



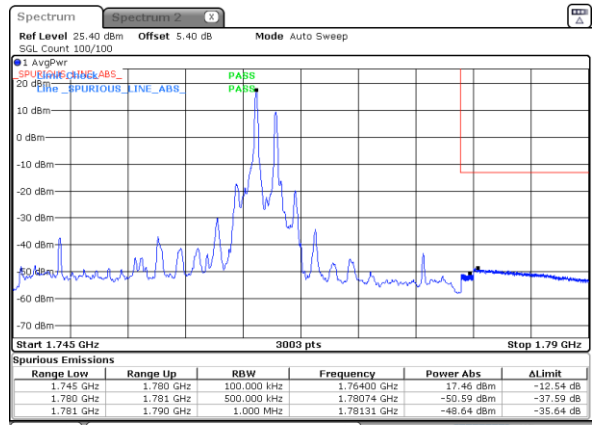
Date: 25.MAY.2024 00:10:46

Lowest Band Edge / 1RB99 and 1RB0



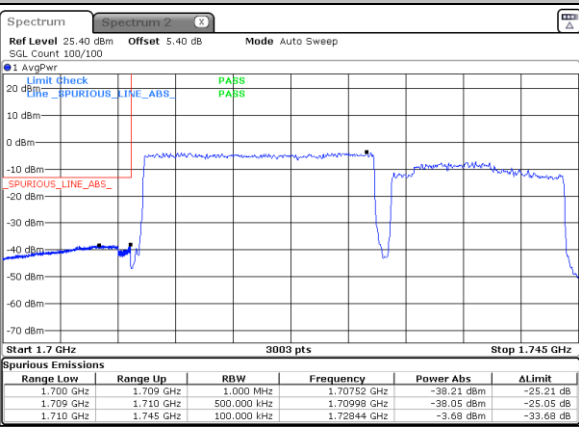
Date: 25.MAY.2024 00:01:46

Highest Band Edge / 1RB99 and 1RB0



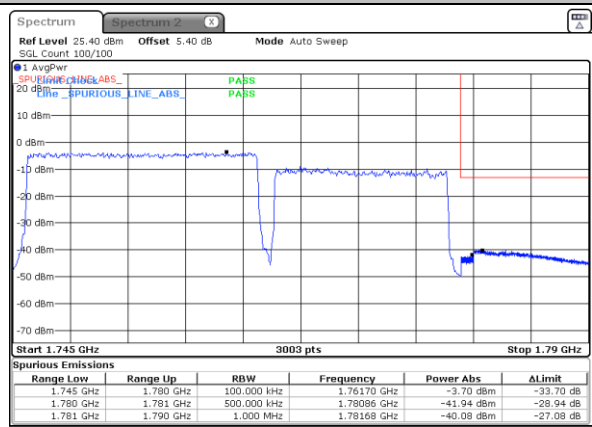
Date: 25.MAY.2024 00:12:51

Lowest Band Edge / Full RB



Date: 24.MAY.2024 23:57:36

Highest Band Edge / Full RB



Date: 25.MAY.2024 00:08:41

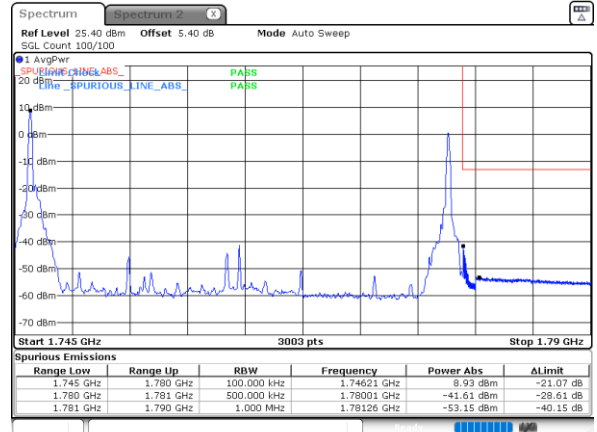
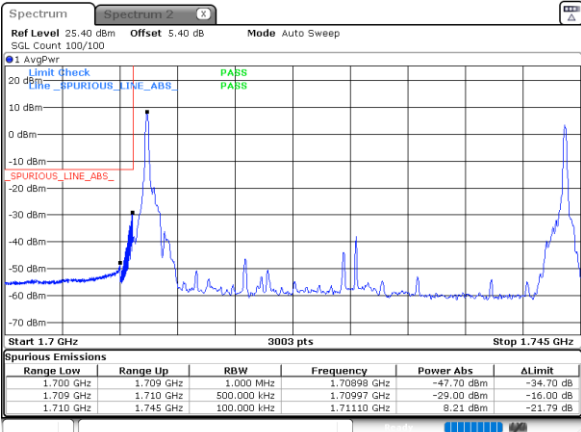


LTE Band 66C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

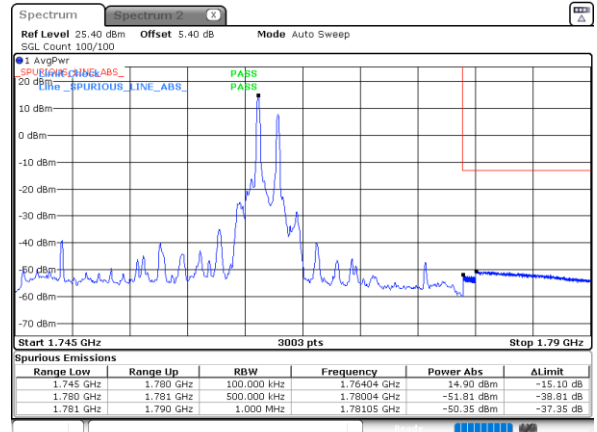
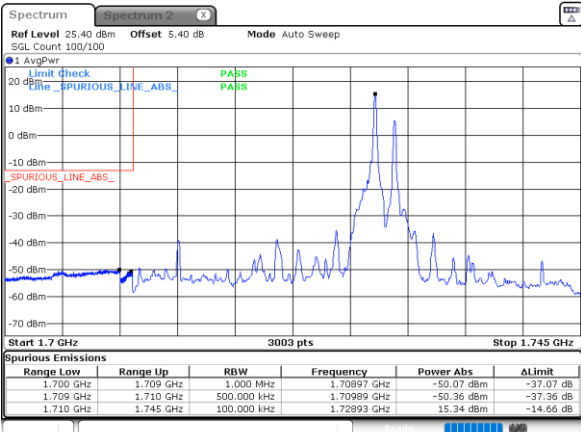


Date: 25.MAY.2024 00:01:23

Date: 25.MAY.2024 00:11:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

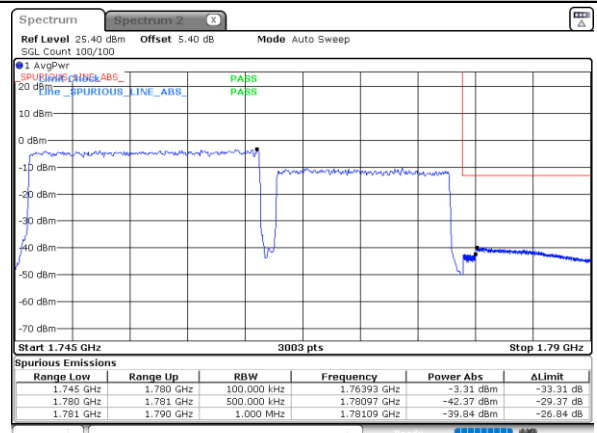
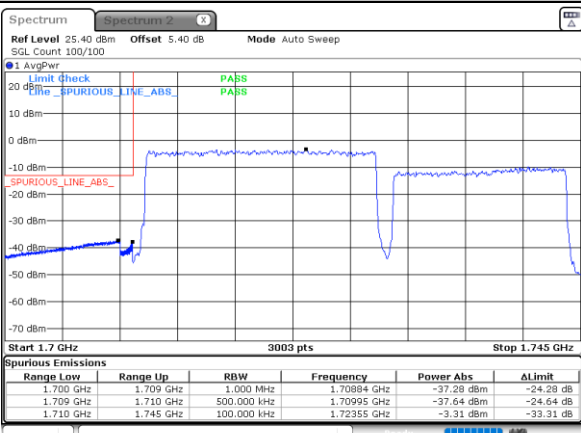


Date: 25.MAY.2024 00:02:27

Date: 25.MAY.2024 00:13:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2024 23:58:17

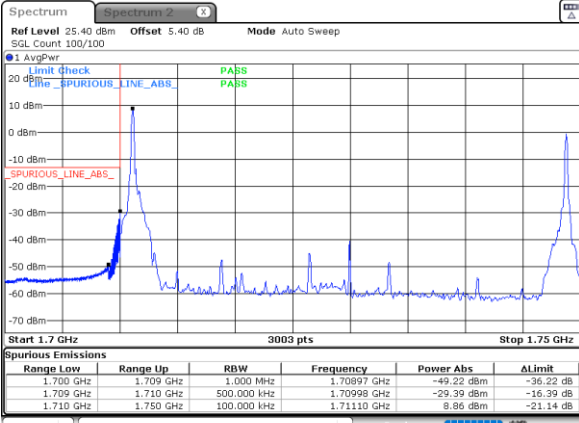
Date: 25.MAY.2024 00:09:22



LTE Band 66C / 20MHz+20MHz

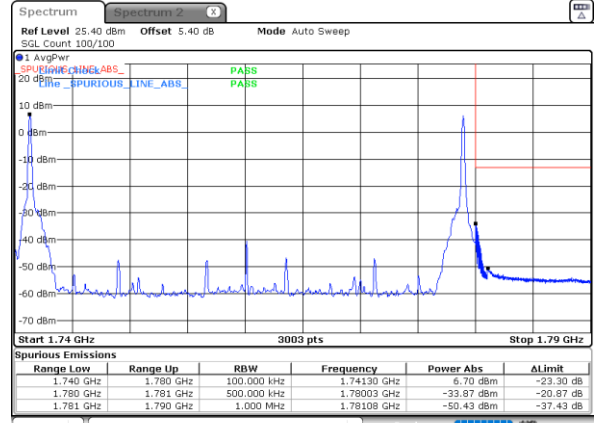
QPSK

Lowest Band Edge / 1RB0 and 1RB9



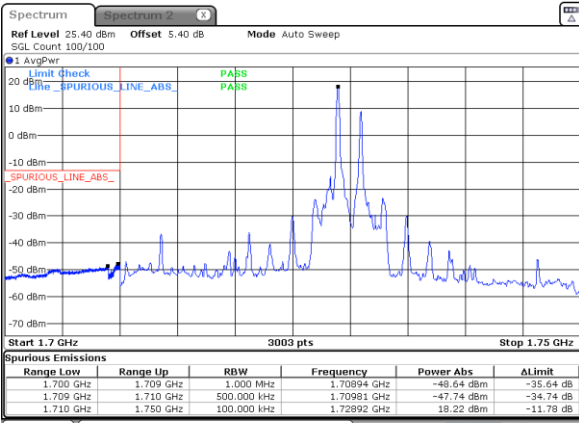
Date: 25.MAY.2024 00:13:44

Highest Band Edge / 1RB0 and 1RB9



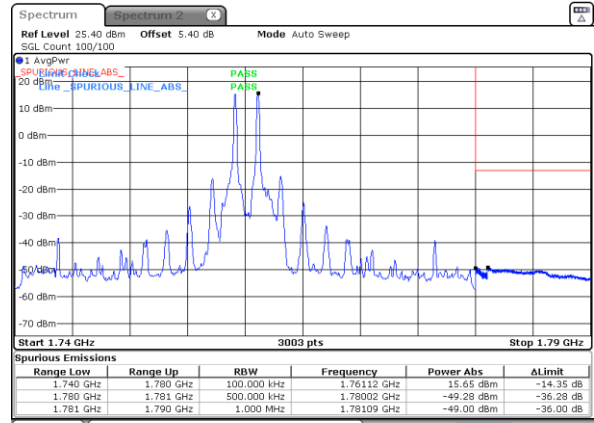
Date: 25.MAY.2024 00:14:48

Lowest Band Edge / 1RB99 and 1RB0



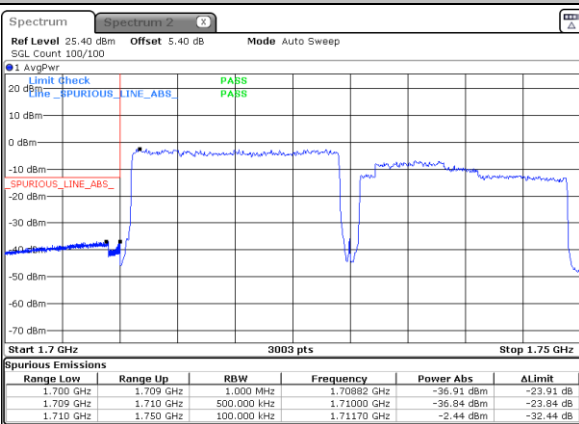
Date: 25.MAY.2024 00:18:49

Highest Band Edge / 1RB99 and 1RB0



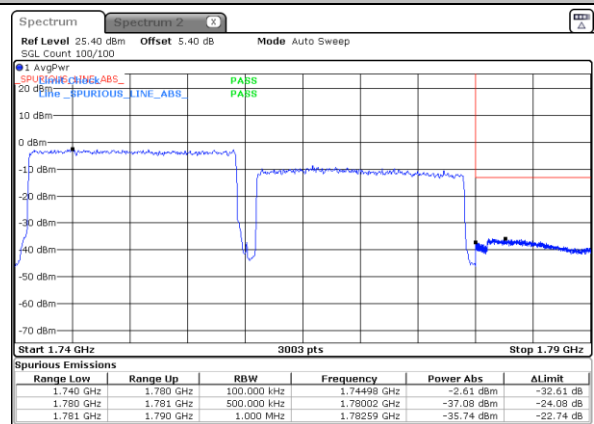
Date: 25.MAY.2024 00:19:53

Lowest Band Edge / Full RB



Date: 25.MAY.2024 00:14:59

Highest Band Edge / Full RB



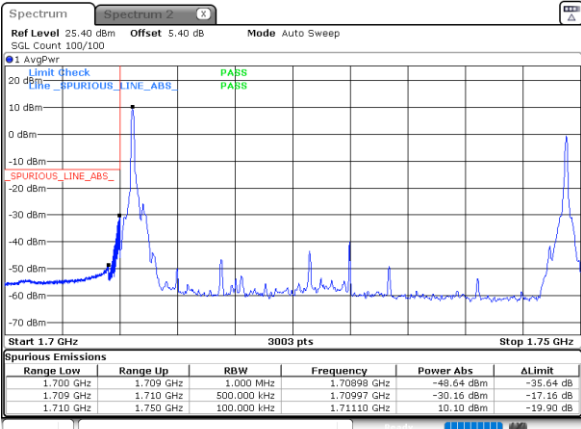
Date: 25.MAY.2024 00:14:53



LTE Band 66C / 20MHz+20MHz

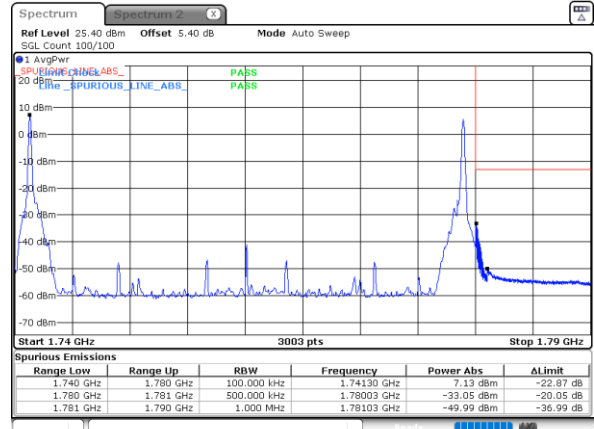
16QAM

Lowest Band Edge / 1RB0 and 1RB9



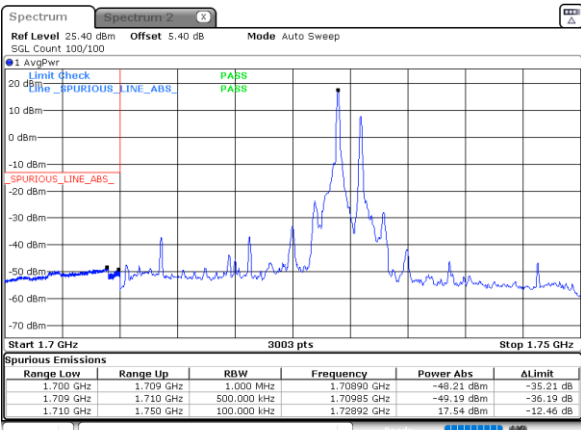
Date: 25.MAY.2024 00:37:26

Highest Band Edge / 1RB0 and 1RB9



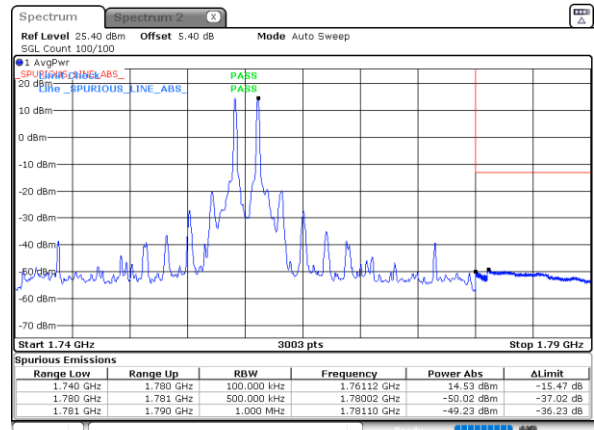
Date: 25.MAY.2024 00:48:30

Lowest Band Edge / 1RB99 and 1RB0



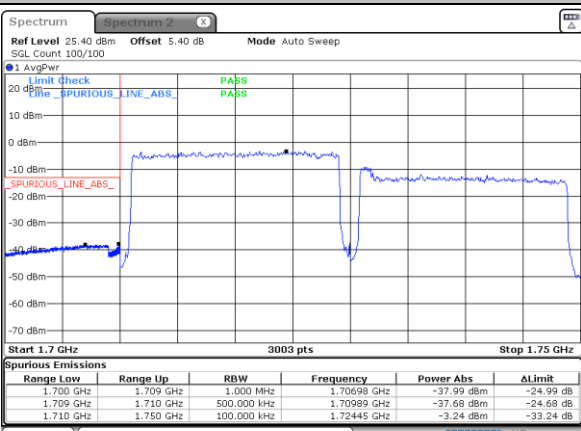
Date: 25.MAY.2024 00:39:51

Highest Band Edge / 1RB99 and 1RB0



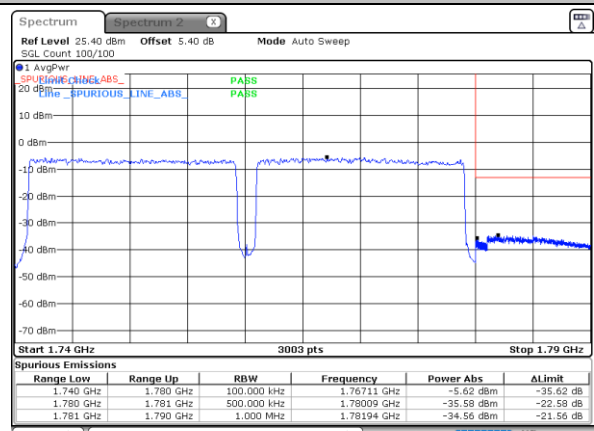
Date: 25.MAY.2024 00:50:35

Lowest Band Edge / Full RB



Date: 25.MAY.2024 00:35:21

Highest Band Edge / Full RB



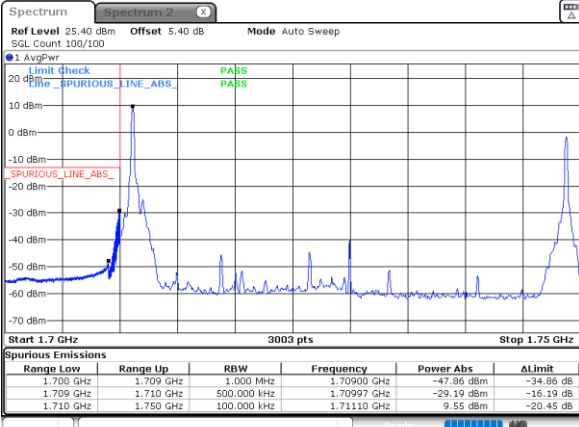
Date: 25.MAY.2024 00:46:25



LTE Band 66C / 20MHz+20MHz

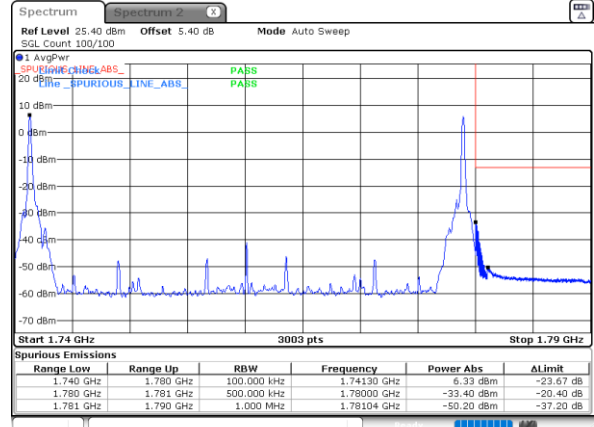
64QAM

Lowest Band Edge / 1RB0 and 1RB9



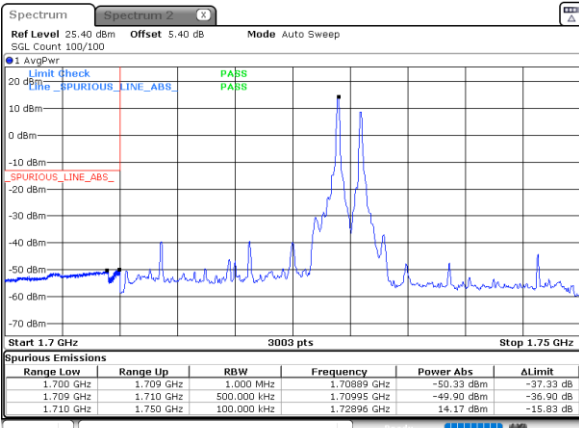
Date: 25.MAY.2024 00:13:07

Highest Band Edge / 1RB0 and 1RB9



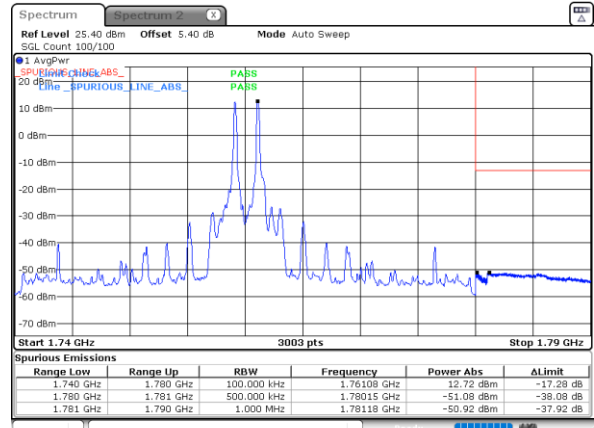
Date: 25.MAY.2024 00:49:11

Lowest Band Edge / 1RB99 and 1RB0



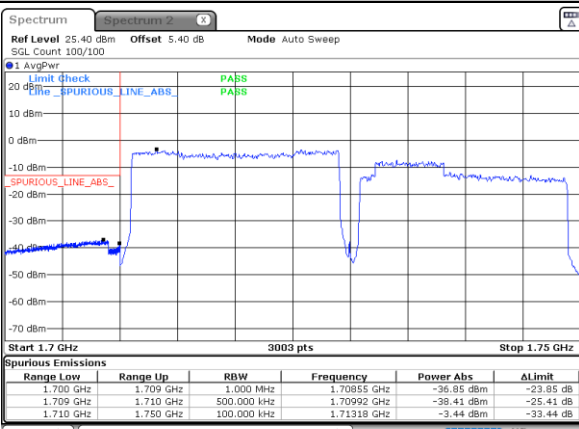
Date: 25.MAY.2024 00:40:12

Highest Band Edge / 1RB99 and 1RB0



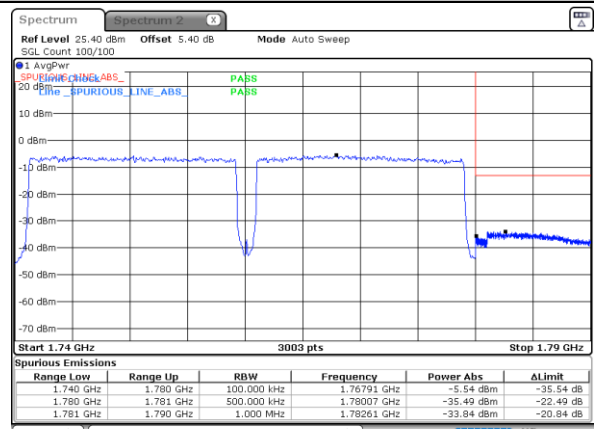
Date: 25.MAY.2024 00:51:16

Lowest Band Edge / Full RB



Date: 25.MAY.2024 00:36:02

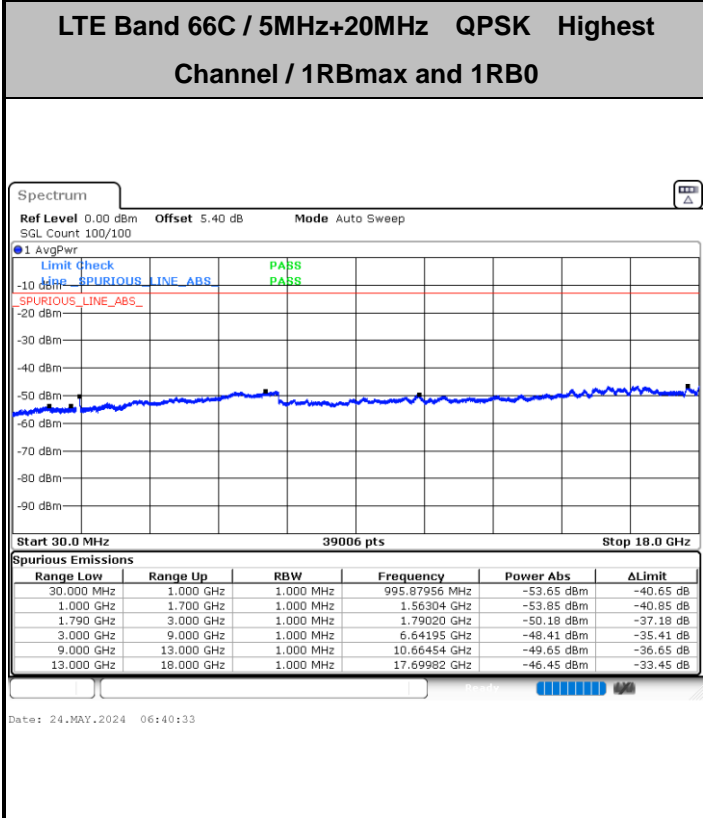
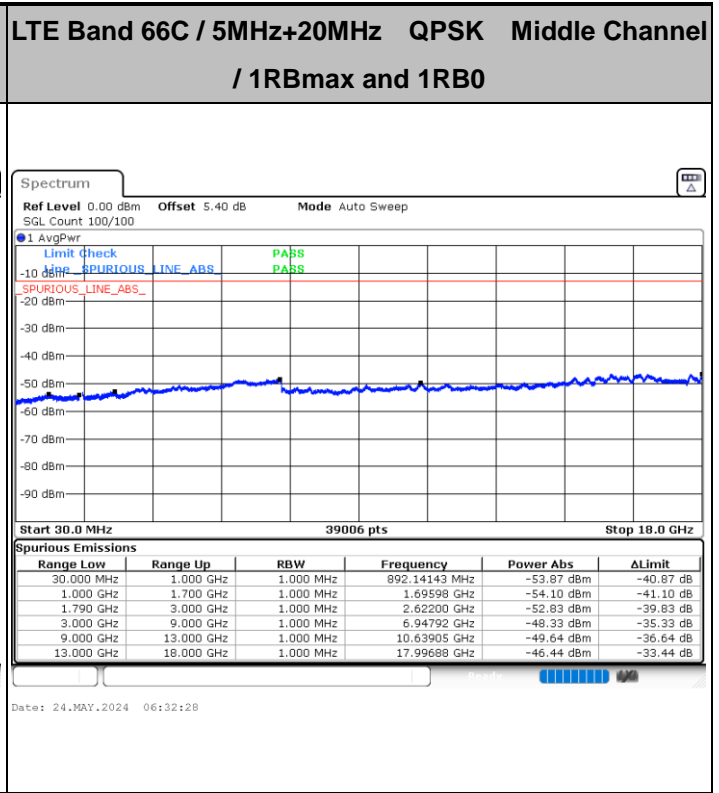
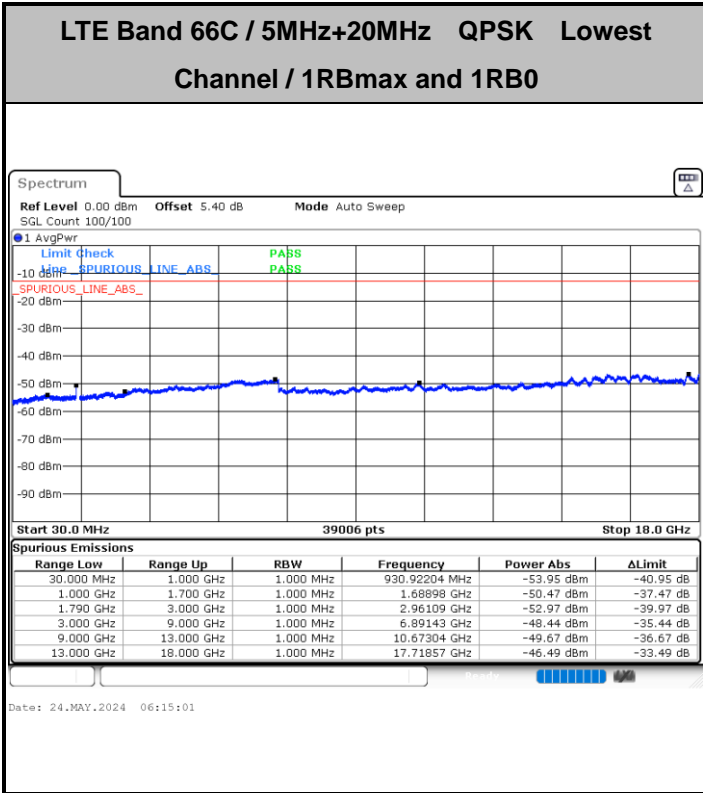
Highest Band Edge / Full RB



Date: 25.MAY.2024 00:47:06



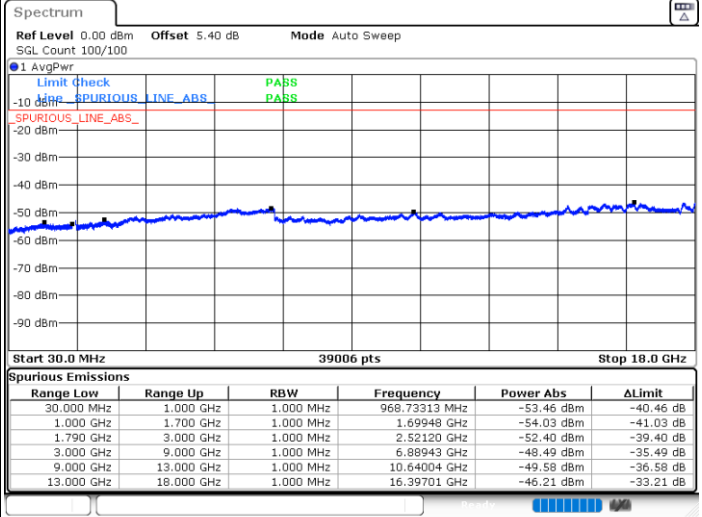
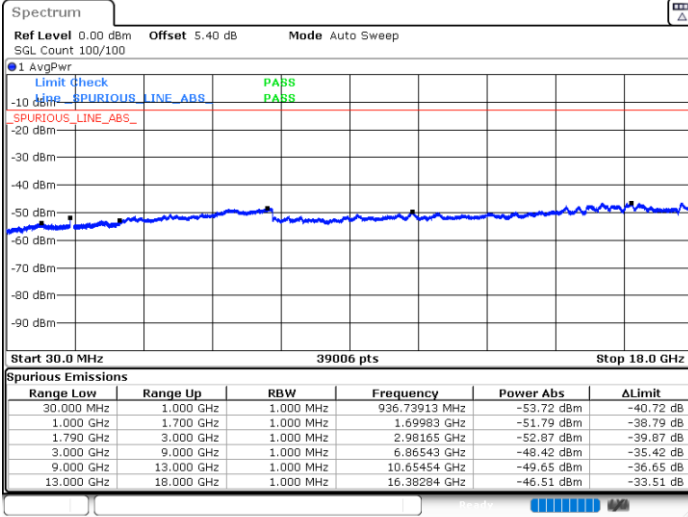
Conducted Spurious Emission





LTE Band 66C / 10MHz+15MHz QPSK Lowest Channel / 1RBmax and 1RB0

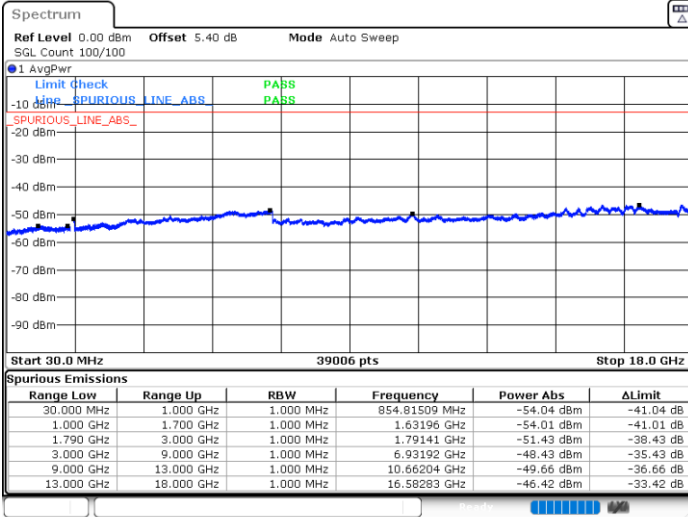
LTE Band 66C / 10MHz+15MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 24.MAY.2024 07:10:46

Date: 24.MAY.2024 07:21:34

LTE Band 66C / 10MHz+15MHz QPSK Highest Channel / 1RBmax and 1RB0

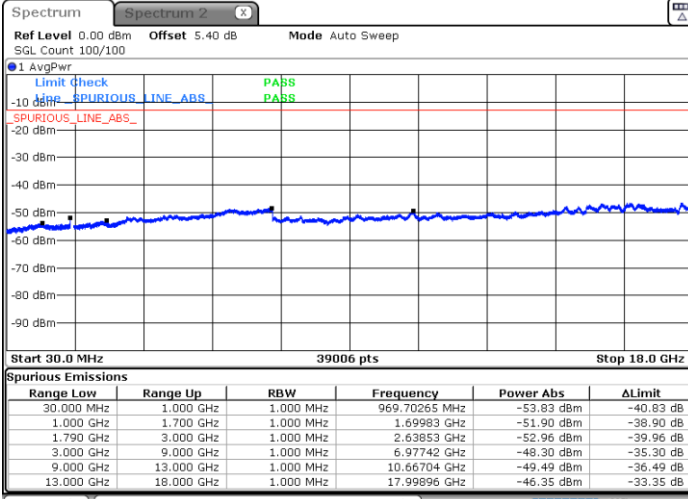


Date: 24.MAY.2024 07:29:27

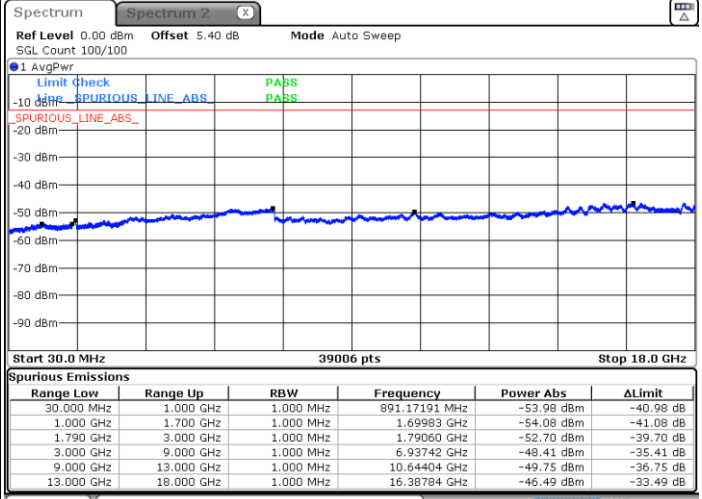


LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

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

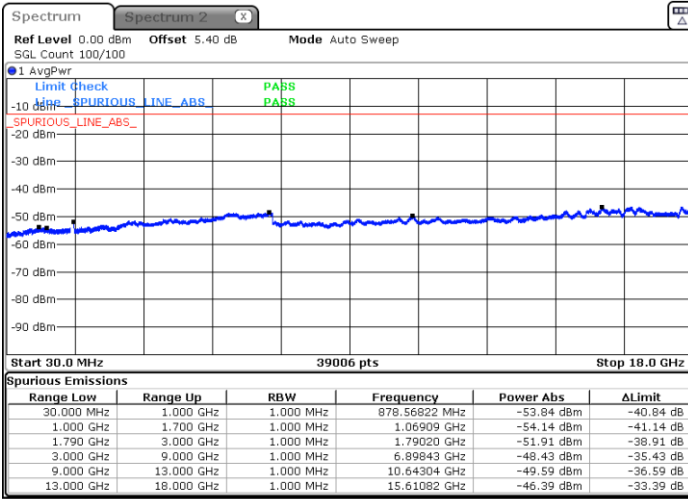


Date: 24.MAY.2024 21:22:53

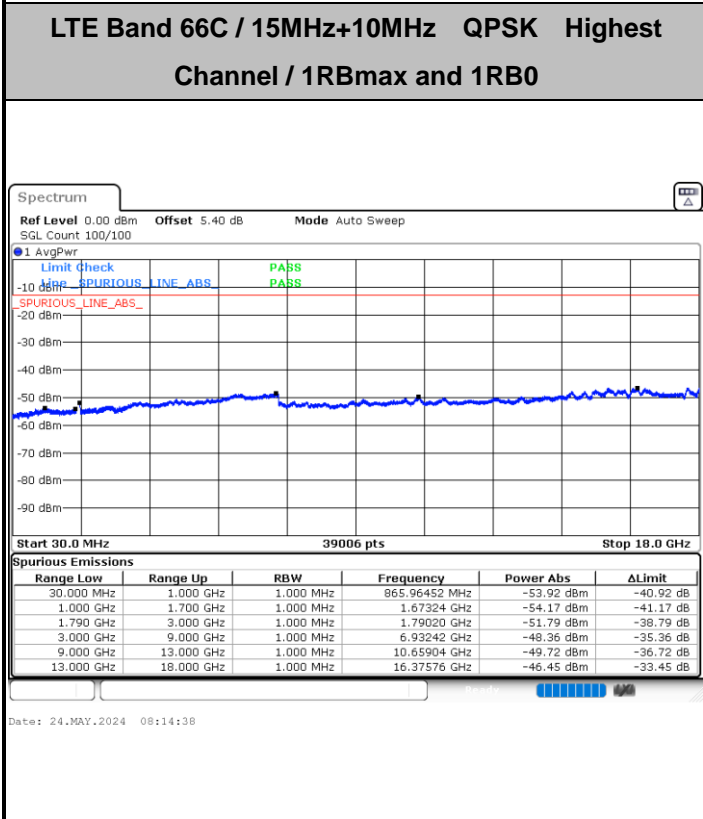
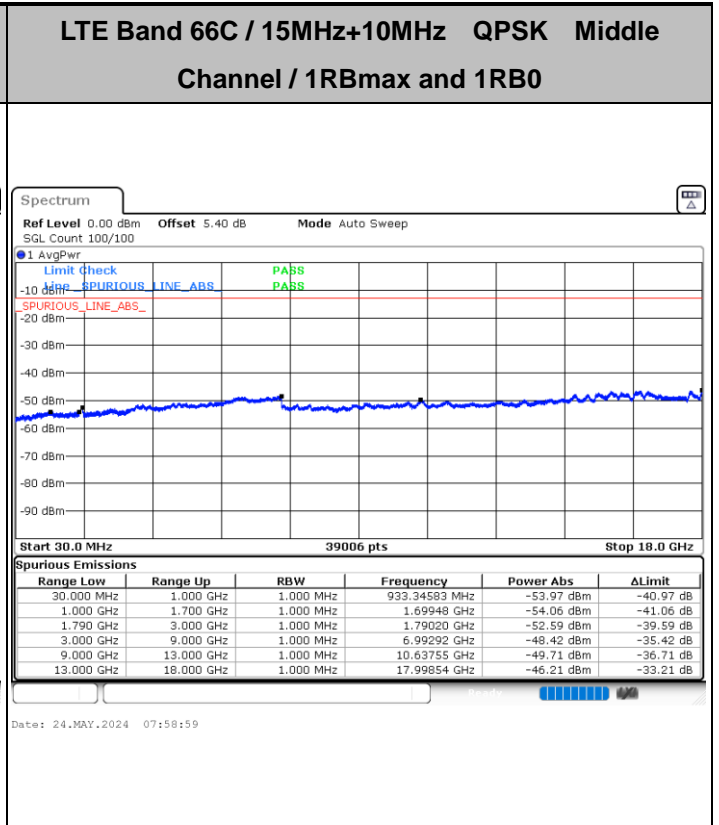
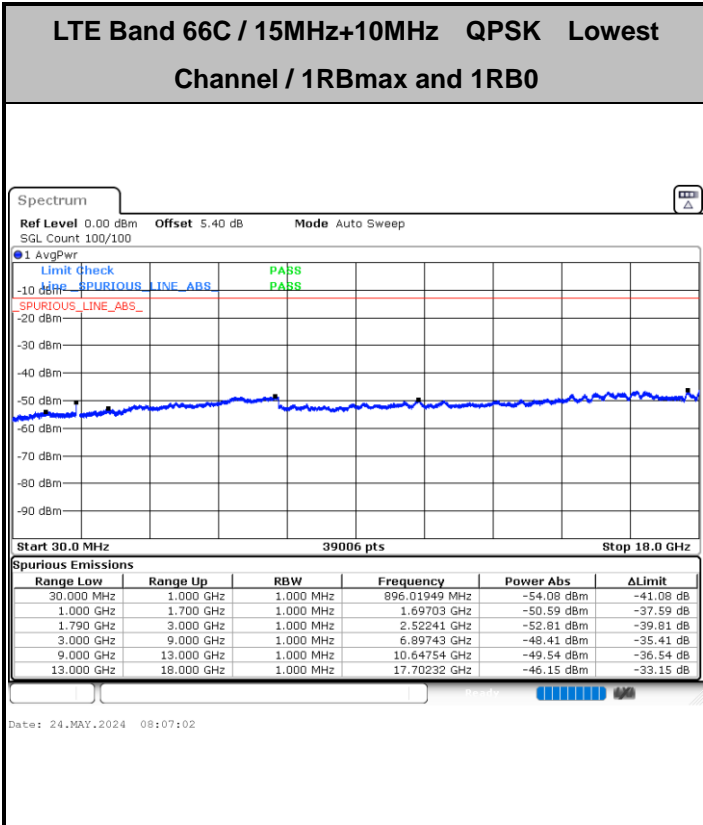


Date: 24.MAY.2024 21:53:54

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



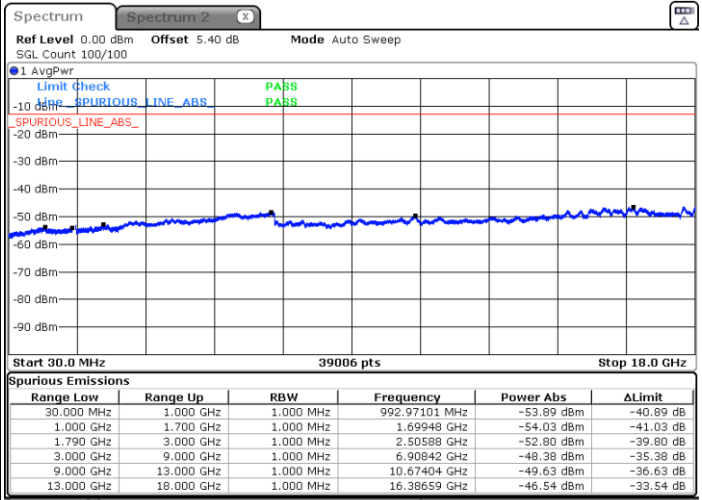
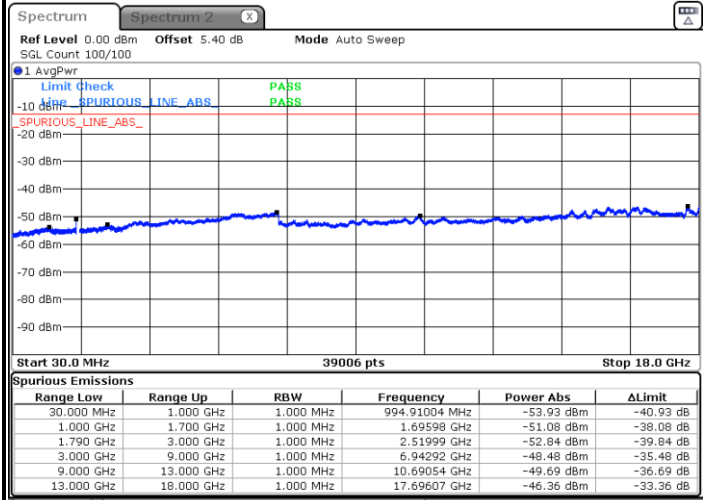
Date: 24.MAY.2024 22:02:00





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

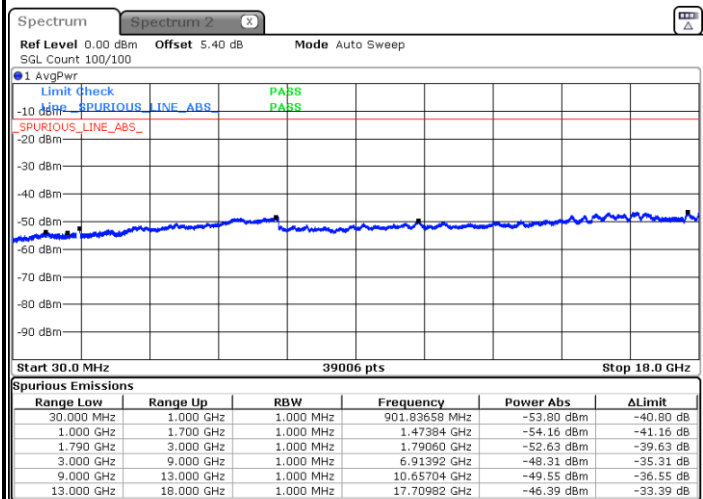
LTE Band 66C / 15MHz+15MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 24.MAY.2024 22:32:03

Date: 24.MAY.2024 22:35:21

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

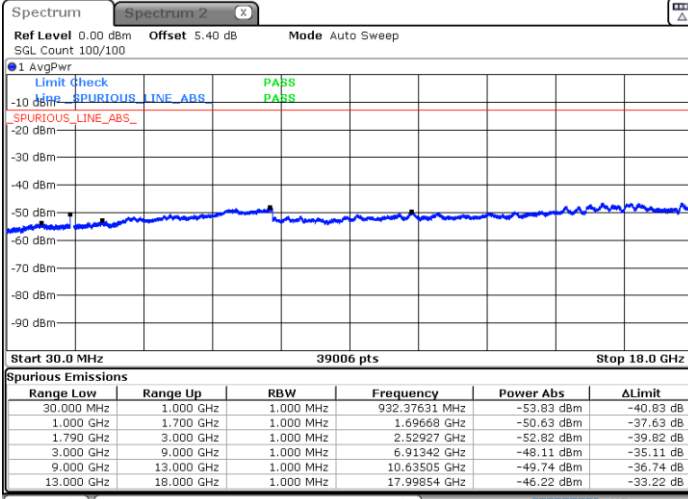


Date: 24.MAY.2024 22:44:45

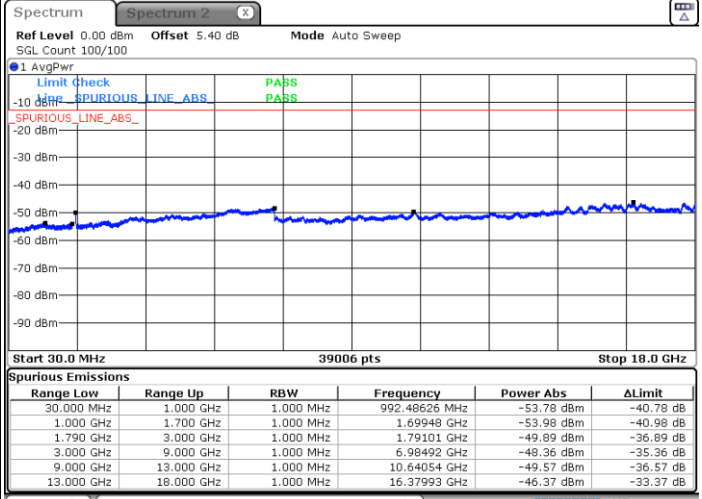


LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

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

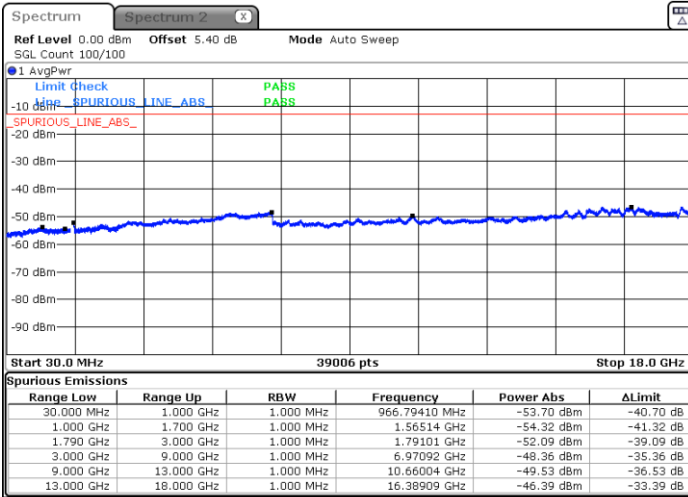


Date: 24.MAY.2024 23:45:01



Date: 24.MAY.2024 23:48:23

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

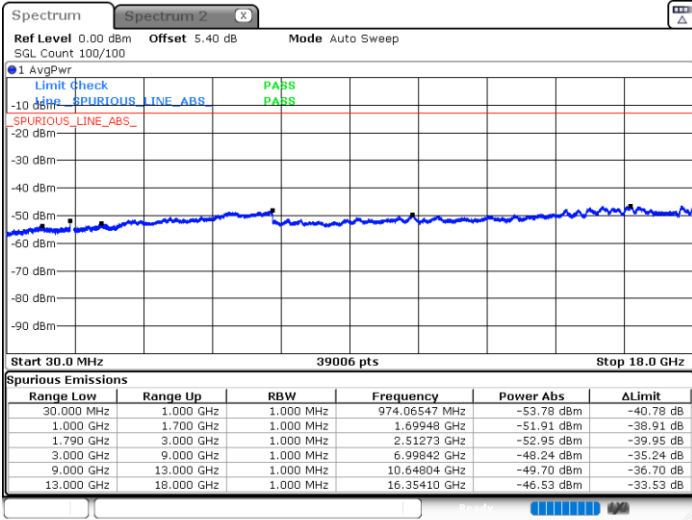


Date: 24.MAY.2024 23:56:05

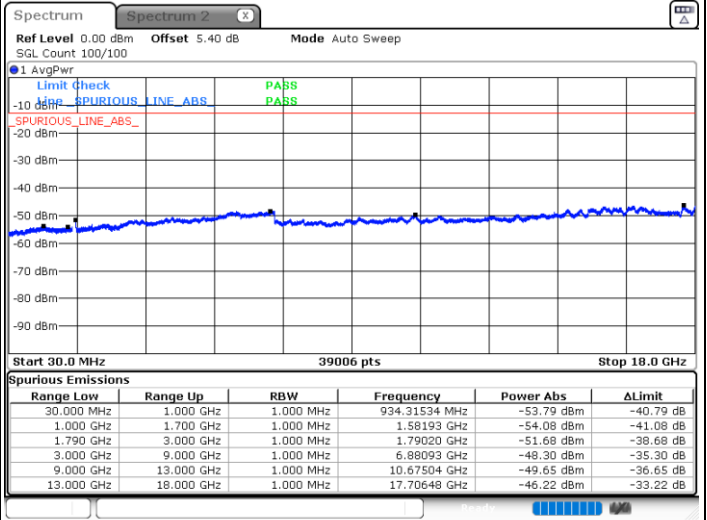


LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RBmax and 1RB0

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

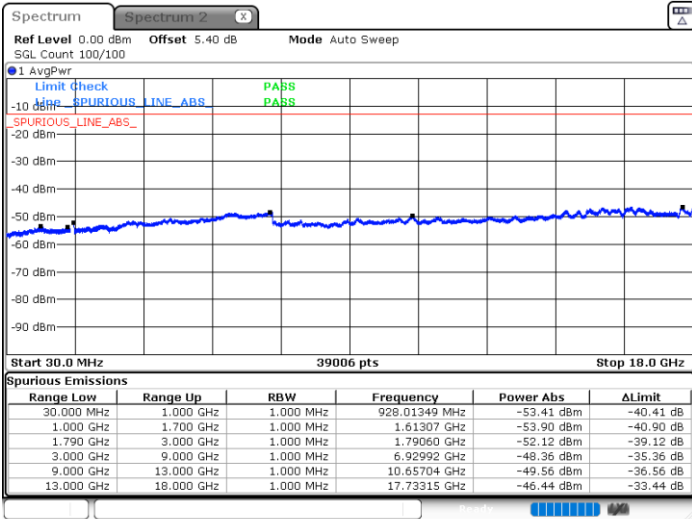


Date: 25.MAY.2024 00:22:47



Date: 25.MAY.2024 00:26:09

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

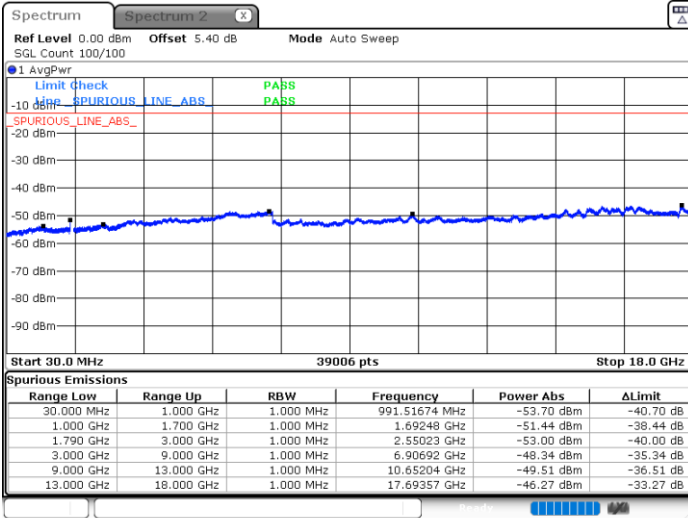


Date: 25.MAY.2024 00:33:51

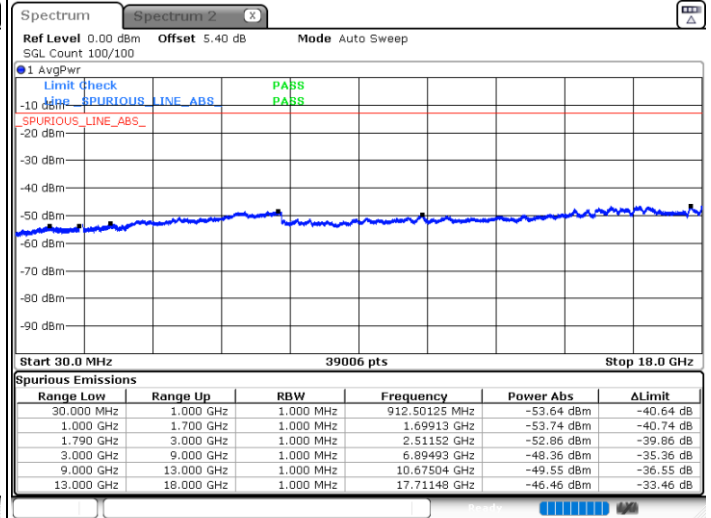


LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RBmax and 1RB0

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

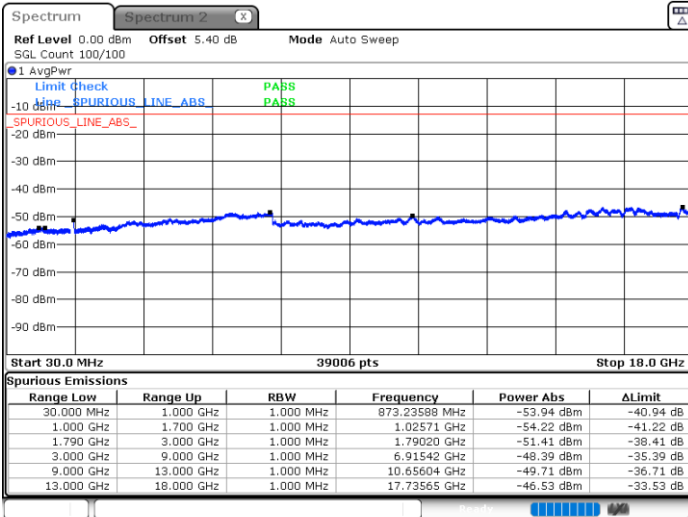


Date: 24.MAY.2024 22:09:54



Date: 24.MAY.2024 22:11:26

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

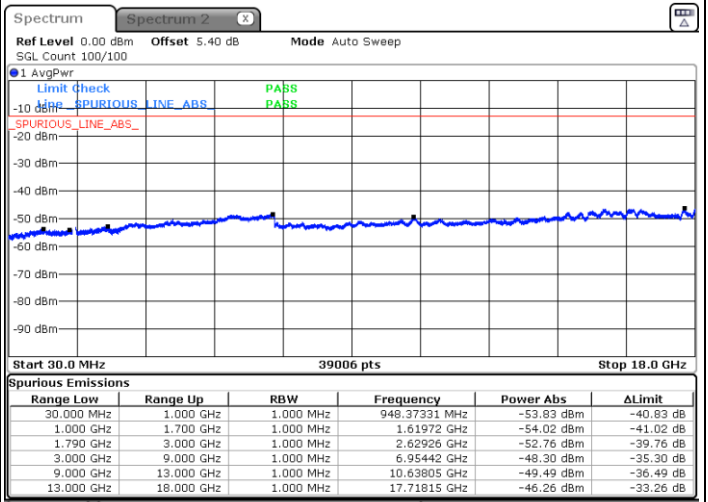
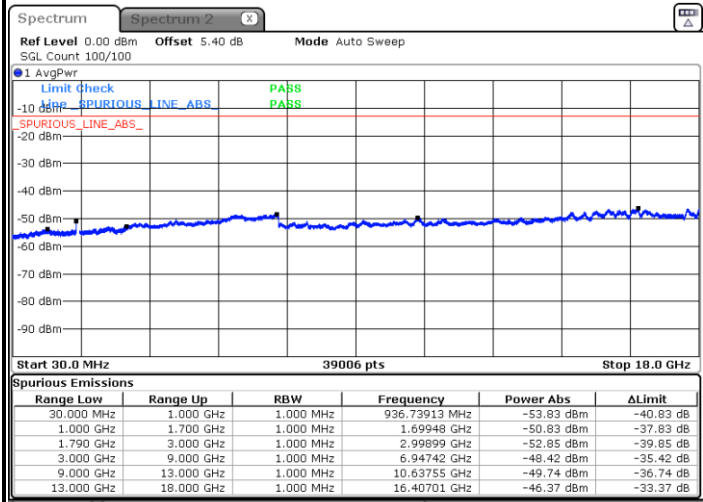


Date: 24.MAY.2024 22:21:01



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

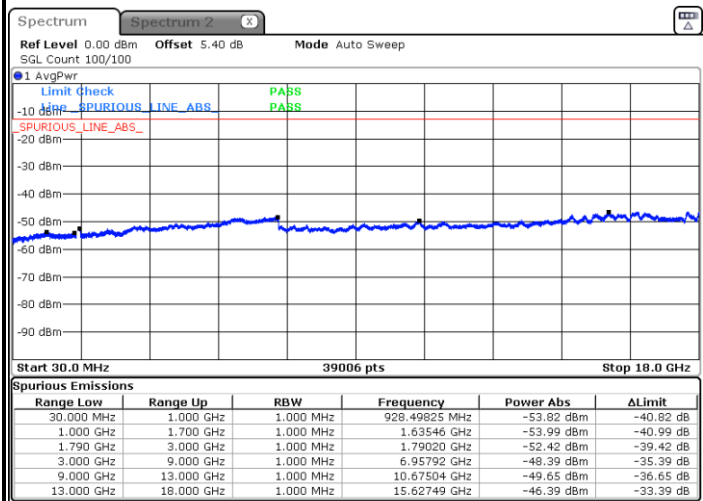
LTE Band 66C / 20MHz+15MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 25.MAY.2024 00:03:53

Date: 25.MAY.2024 00:07:16

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

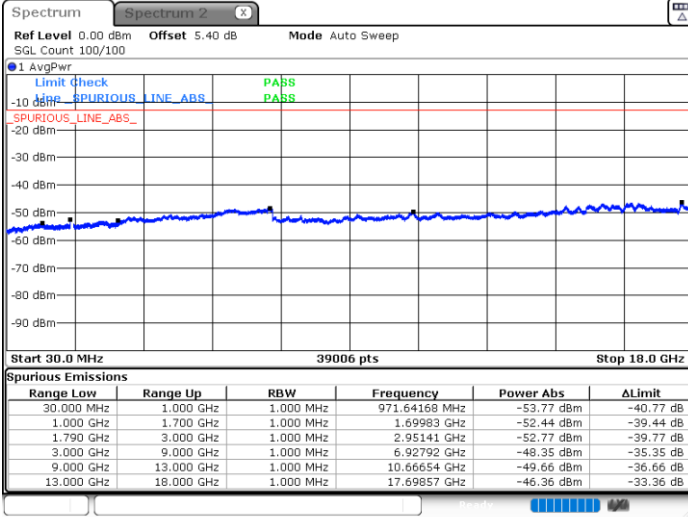


Date: 25.MAY.2024 00:14:59

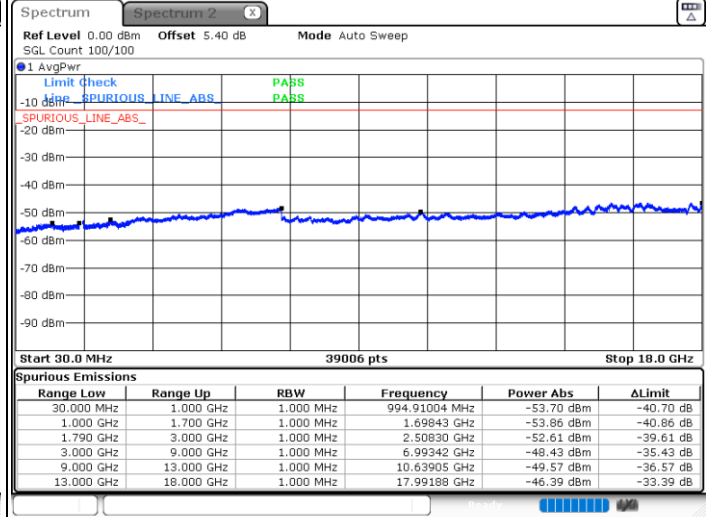


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

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

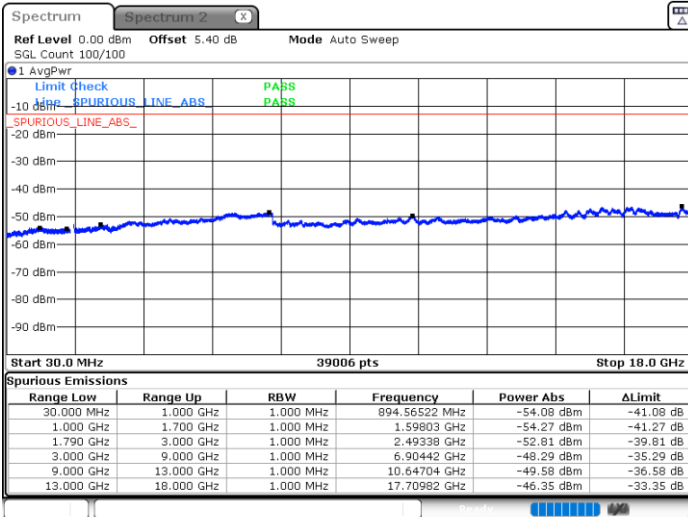


Date: 25.MAY.2024 00:41:38



Date: 25.MAY.2024 00:43:11

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



Date: 25.MAY.2024 00:52:42



Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 66 / 20MHz / QPSK/ ANT0								
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	-52.60	-13	-39.60	-63.34	2.604	13.34	H
	5205	-40.68	-13	-27.68	-51.19	3.011	13.52	H
	6945	-55.27	-13	-42.27	-65.47	3.271	13.47	H
	3465	-54.96	-13	-41.96	-65.70	2.604	13.34	V
	5205	-45.50	-13	-32.50	-56.01	3.011	13.52	V
	6945	-55.91	-13	-42.91	-66.11	3.271	13.47	V

LTE Band 66B / 10MHz+10MH / QPSK / ANT0								
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	3495	-57.42	-13	-44.42	-68.16	2.604	13.34	H
	5235	-56.34	-13	-43.34	-66.85	3.011	13.52	H
	6990	-55.36	-13	-42.36	-65.56	3.271	13.47	H
	3495	-58.21	-13	-45.21	-68.95	2.604	13.34	V
	5235	-56.22	-13	-43.22	-66.73	3.011	13.52	V
	6990	-55.62	-13	-42.62	-65.82	3.271	13.47	V
	3510	-57.49	-13	-44.49	-68.23	2.604	13.34	H
	5265	-55.56	-13	-42.56	-66.07	3.011	13.52	H
	7020	-55.70	-13	-42.70	-65.90	3.271	13.47	H
	3510	-57.79	-13	-44.79	-68.53	2.604	13.34	V
	5265	-55.98	-13	-42.98	-66.49	3.011	13.52	V
	7020	-55.77	-13	-42.77	-65.97	3.271	13.47	V



LTE Band 66C / 20MHz+20MH / QPSK / ANT0								
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	-57.95	-13	-44.95	-68.69	2.604	13.34	H
	5205	-56.00	-13	-43.00	-66.51	3.011	13.52	H
	6945	-55.93	-13	-42.93	-66.13	3.271	13.47	H
	3465	-57.80	-13	-44.80	-68.54	2.604	13.34	V
	5205	-56.13	-13	-43.13	-66.64	3.011	13.52	V
	6945	-55.68	-13	-42.68	-65.88	3.271	13.47	V
	3510	-57.47	-13	-44.47	-68.21	2.604	13.34	H
	5265	-55.94	-13	-42.94	-66.45	3.011	13.52	H
	7020	-55.74	-13	-42.74	-65.94	3.271	13.47	H
	3510	-57.52	-13	-44.52	-68.26	2.604	13.34	V
	5265	-56.10	-13	-43.10	-66.61	3.011	13.52	V
	7020	-55.88	-13	-42.88	-66.08	3.271	13.47	V

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