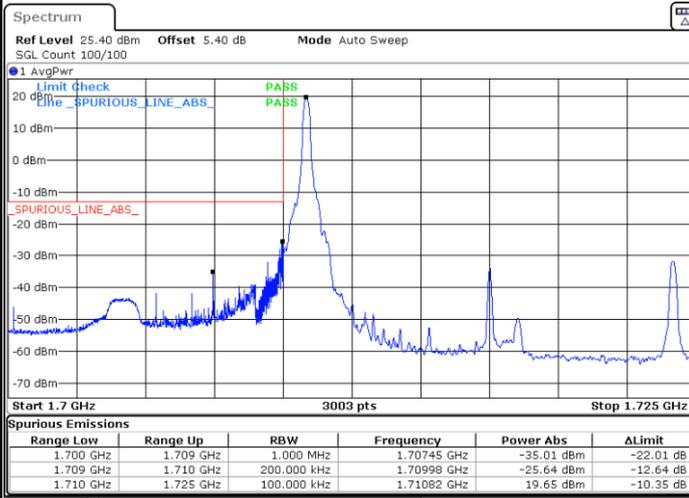




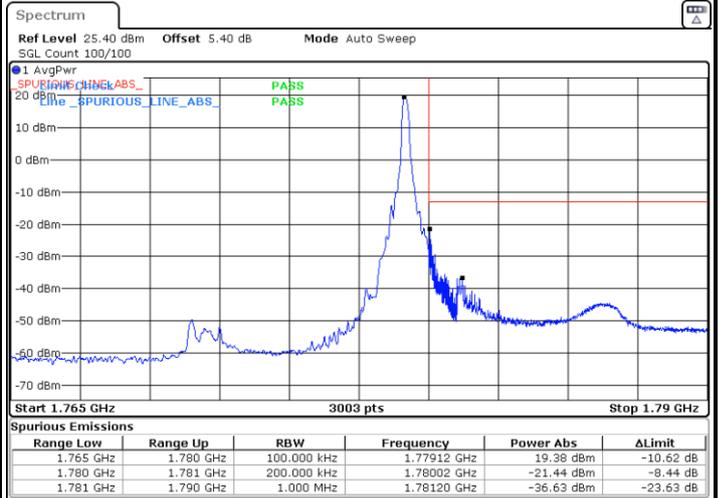
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



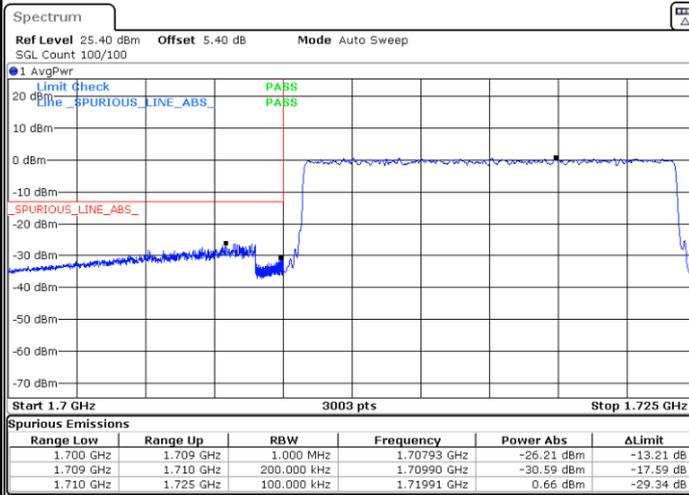
Date: 21.NOV.2024 17:39:54

Highest Band Edge / 1 RB



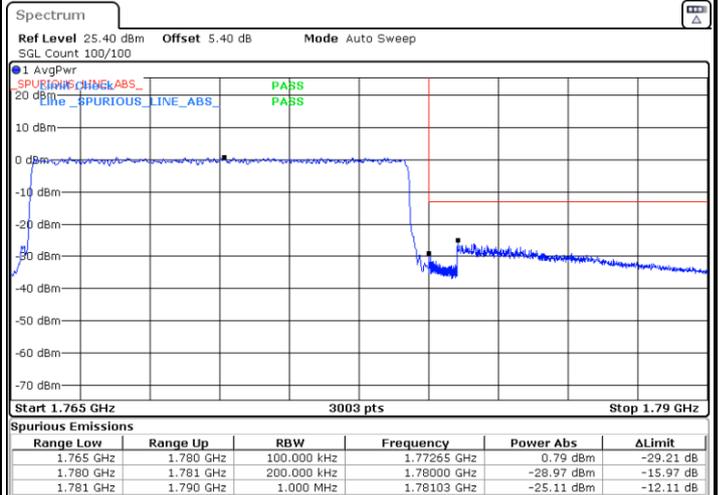
Date: 21.NOV.2024 17:34:46

Lowest Band Edge / Full RB



Date: 21.NOV.2024 17:41:21

Highest Band Edge / Full RB

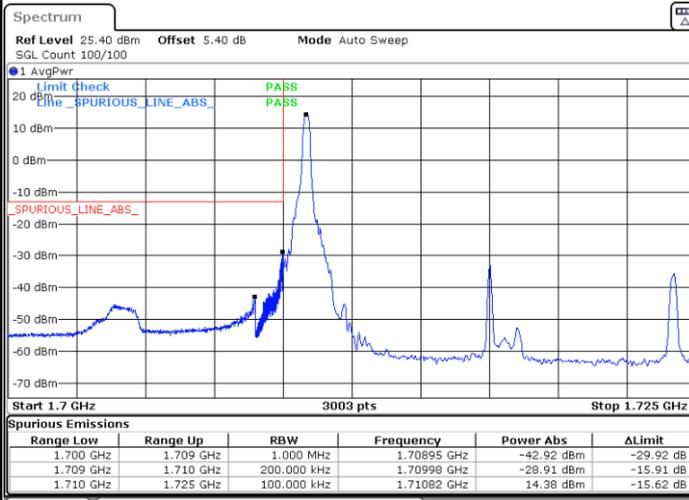


Date: 21.NOV.2024 17:33:28



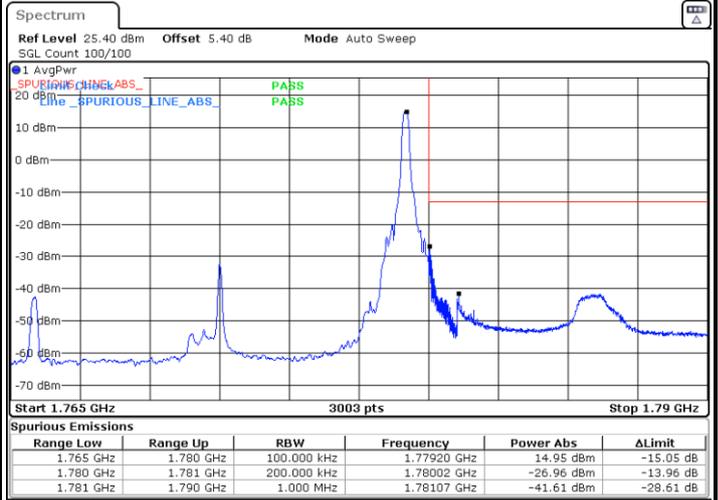
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



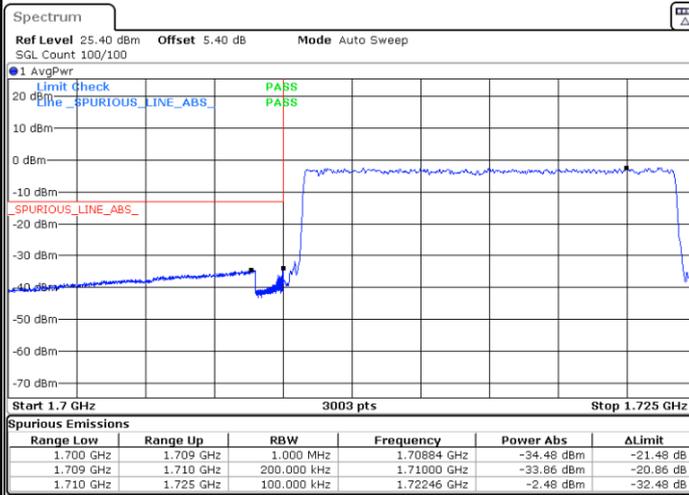
Date: 21.NOV.2024 17:40:23

Highest Band Edge / 1 RB



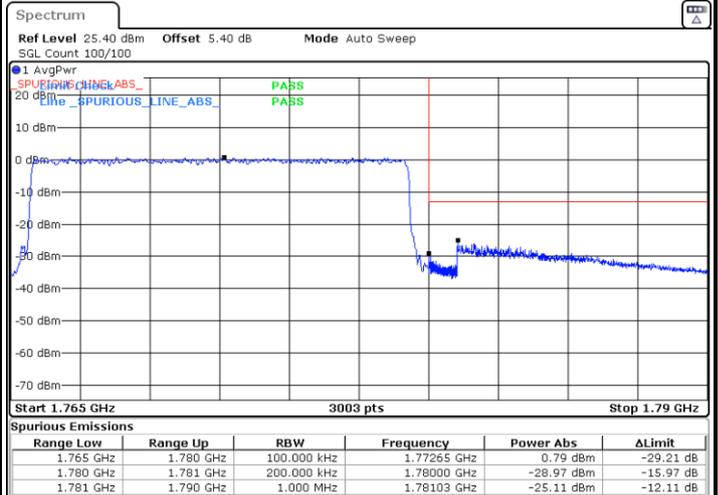
Date: 21.NOV.2024 17:34:20

Lowest Band Edge / Full RB



Date: 21.NOV.2024 17:40:55

Highest Band Edge / Full RB

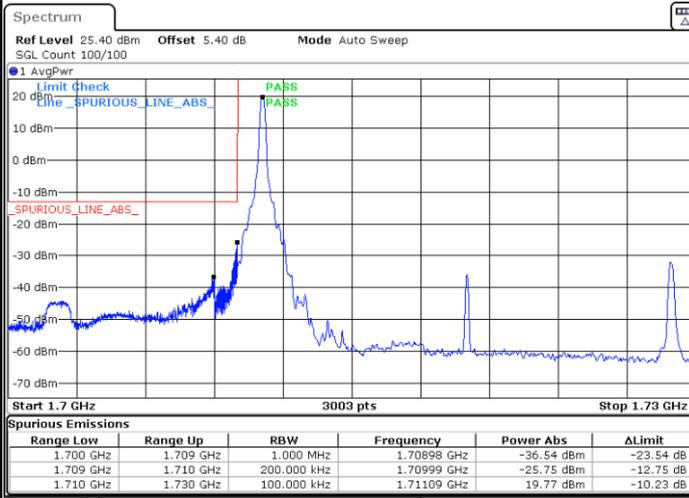


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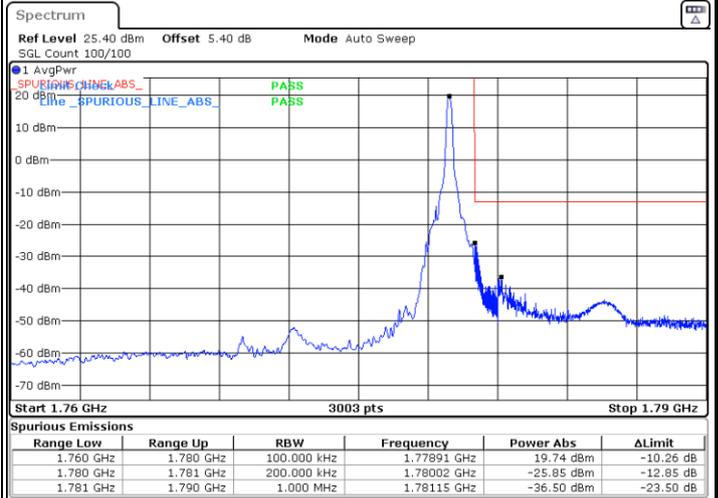
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



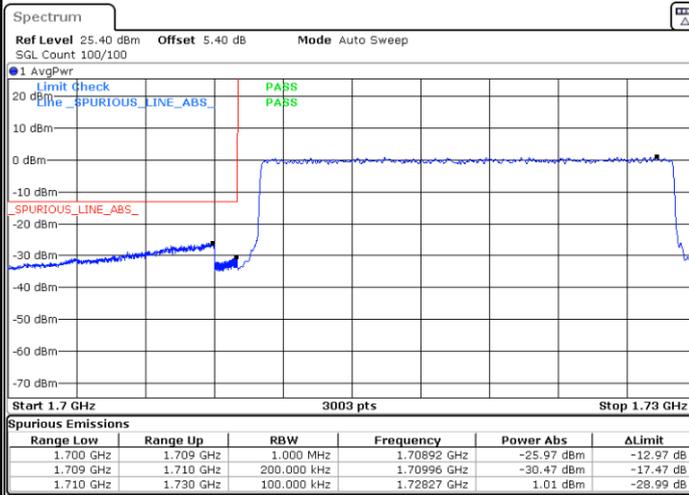
Date: 21.NOV.2024 14:52:20

Highest Band Edge / 1 RB



Date: 21.NOV.2024 15:03:18

Lowest Band Edge / Full RB



Date: 21.NOV.2024 14:56:34

Highest Band Edge / Full RB

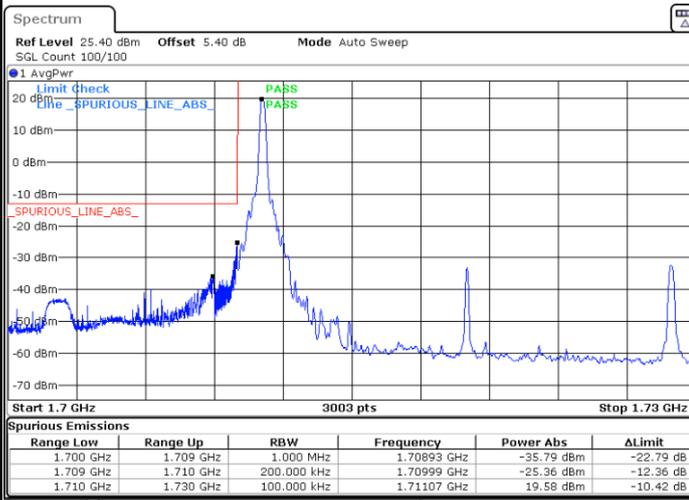


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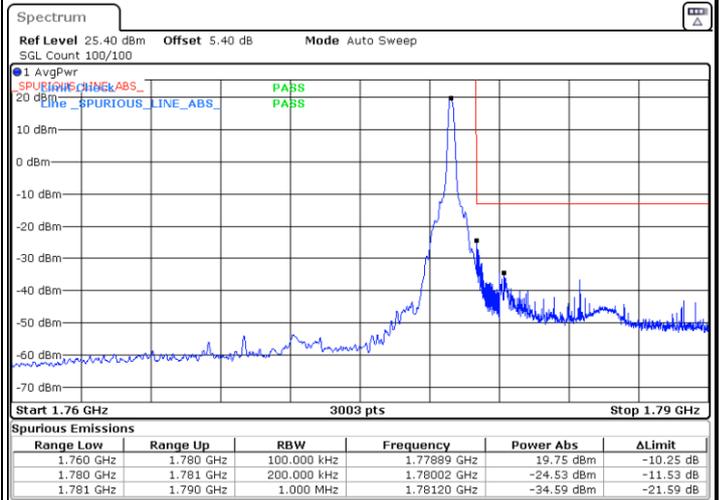
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



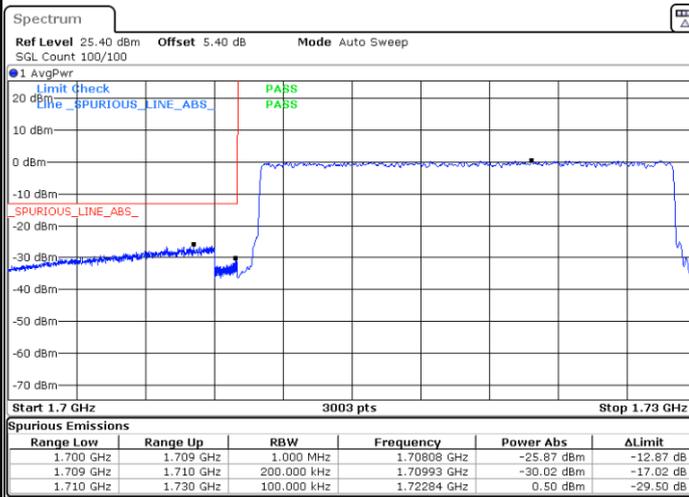
Date: 21.NOV.2024 14:52:59

Highest Band Edge / 1 RB



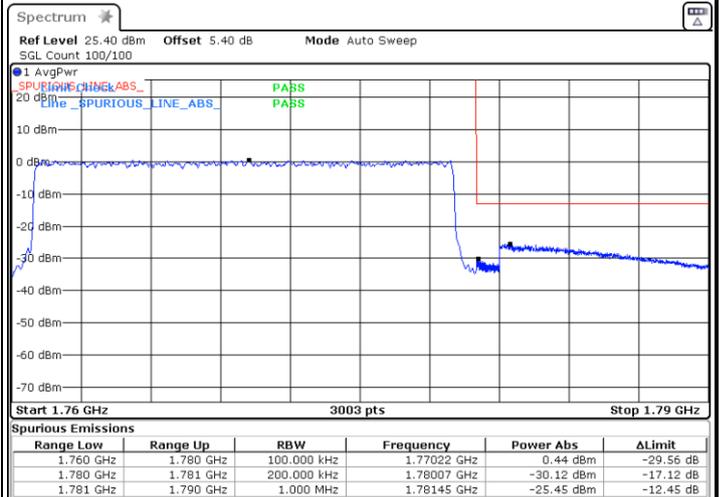
Date: 21.NOV.2024 15:02:46

Lowest Band Edge / Full RB



Date: 21.NOV.2024 14:56:05

Highest Band Edge / Full RB

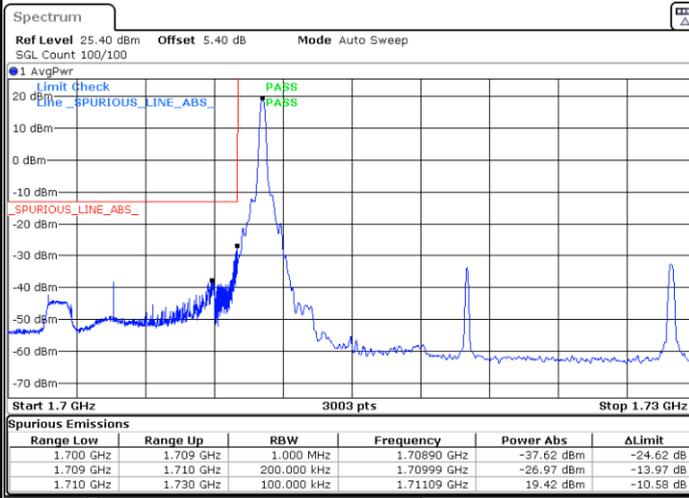


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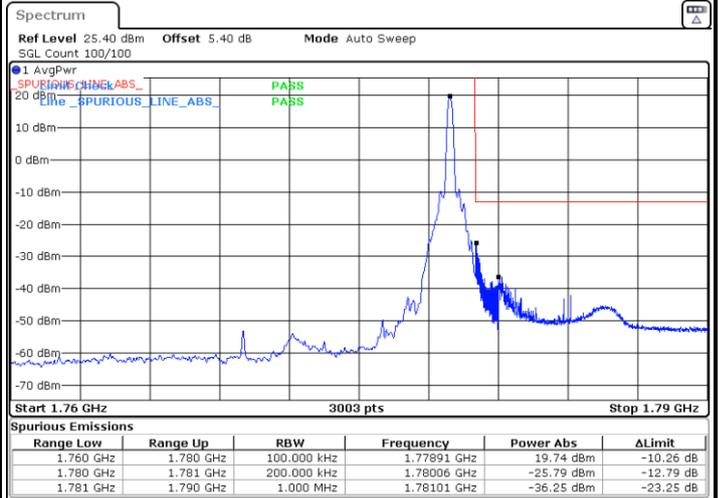
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



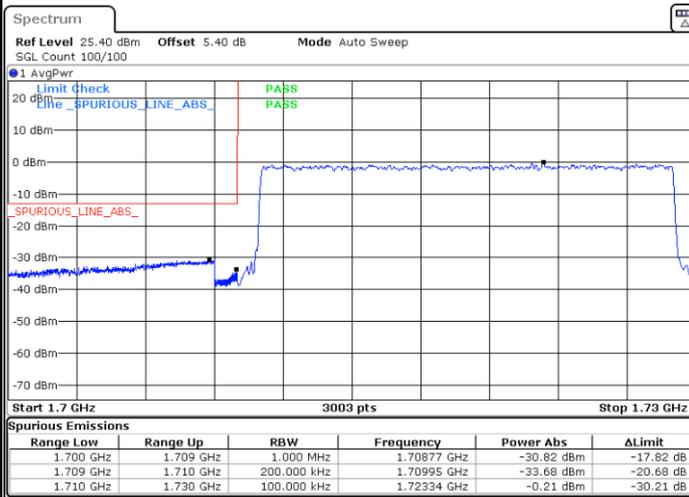
Date: 21.NOV.2024 14:53:36

Highest Band Edge / 1 RB



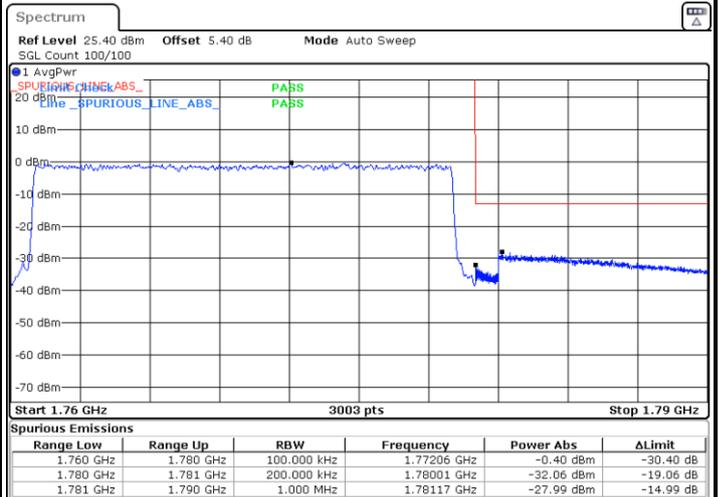
Date: 21.NOV.2024 15:02:06

Lowest Band Edge / Full RB



Date: 21.NOV.2024 14:55:38

Highest Band Edge / Full RB



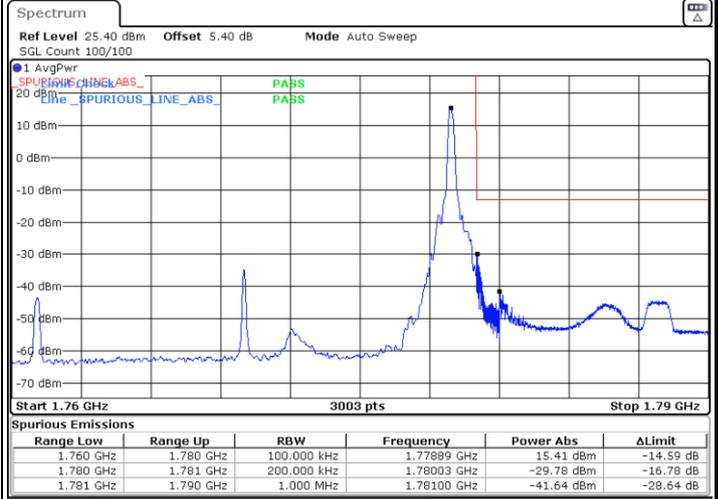
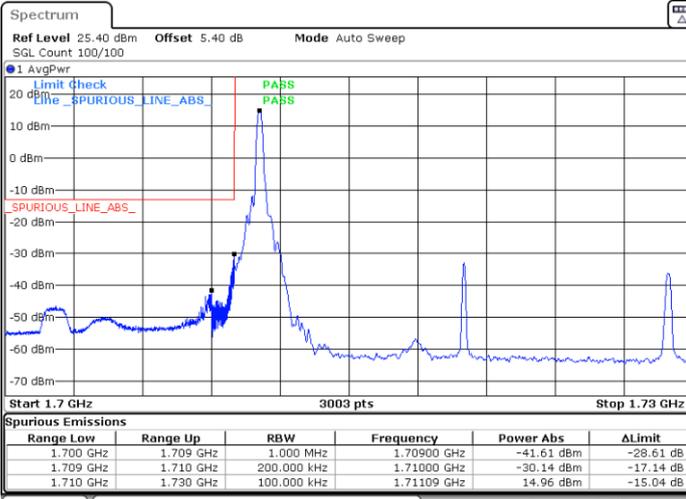
Date: 21.NOV.2024 15:00:10



LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

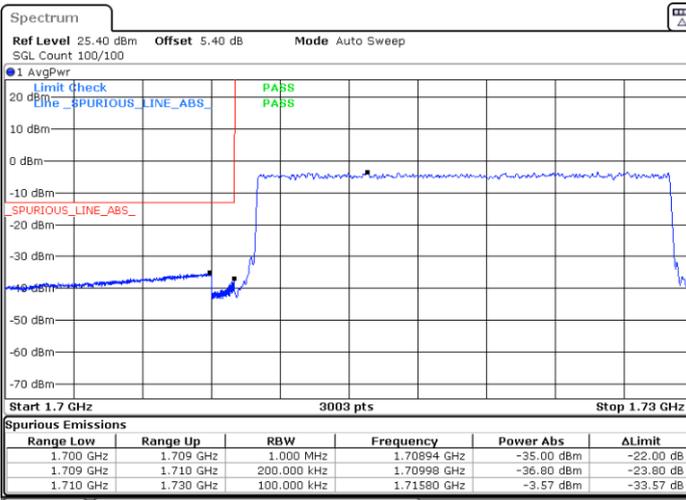


Date: 21.NOV.2024 14:54:25

Date: 21.NOV.2024 15:01:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

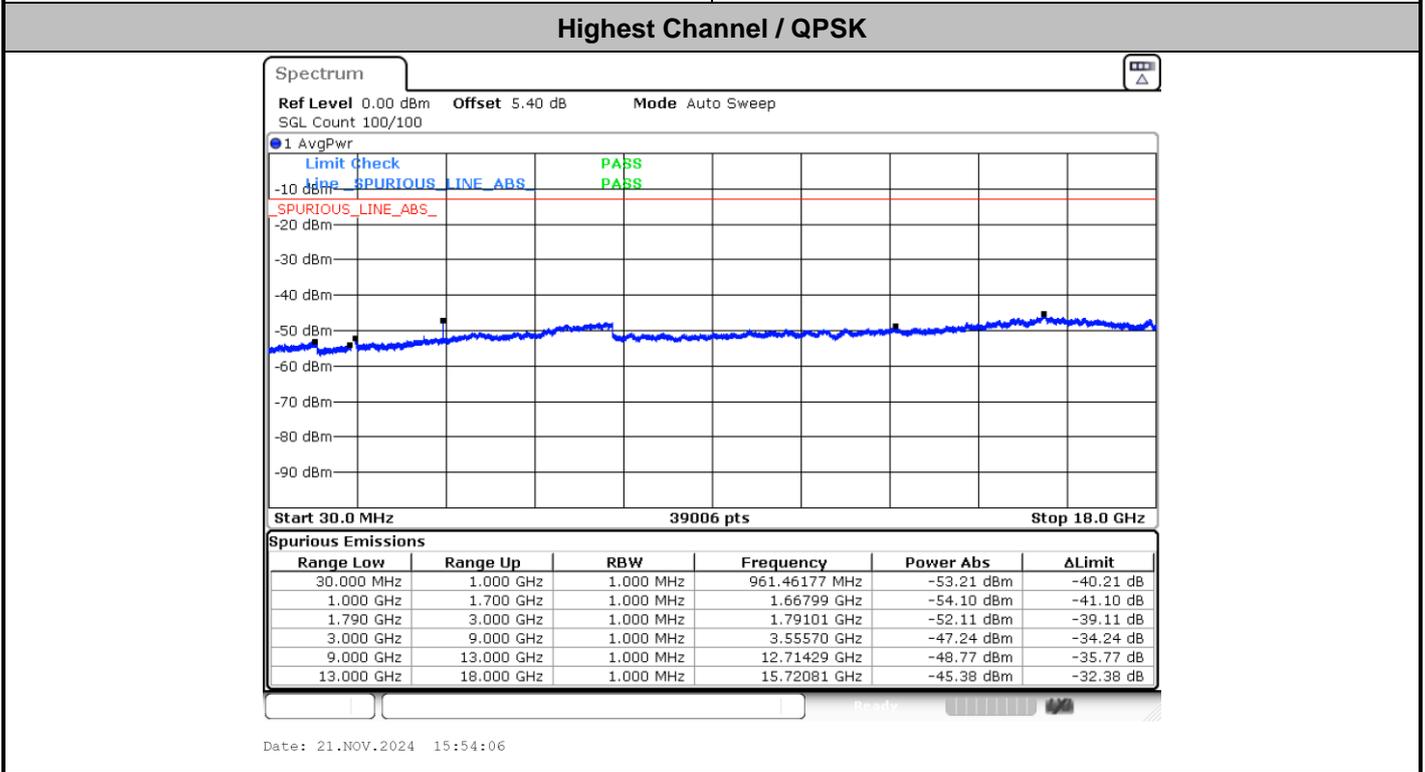
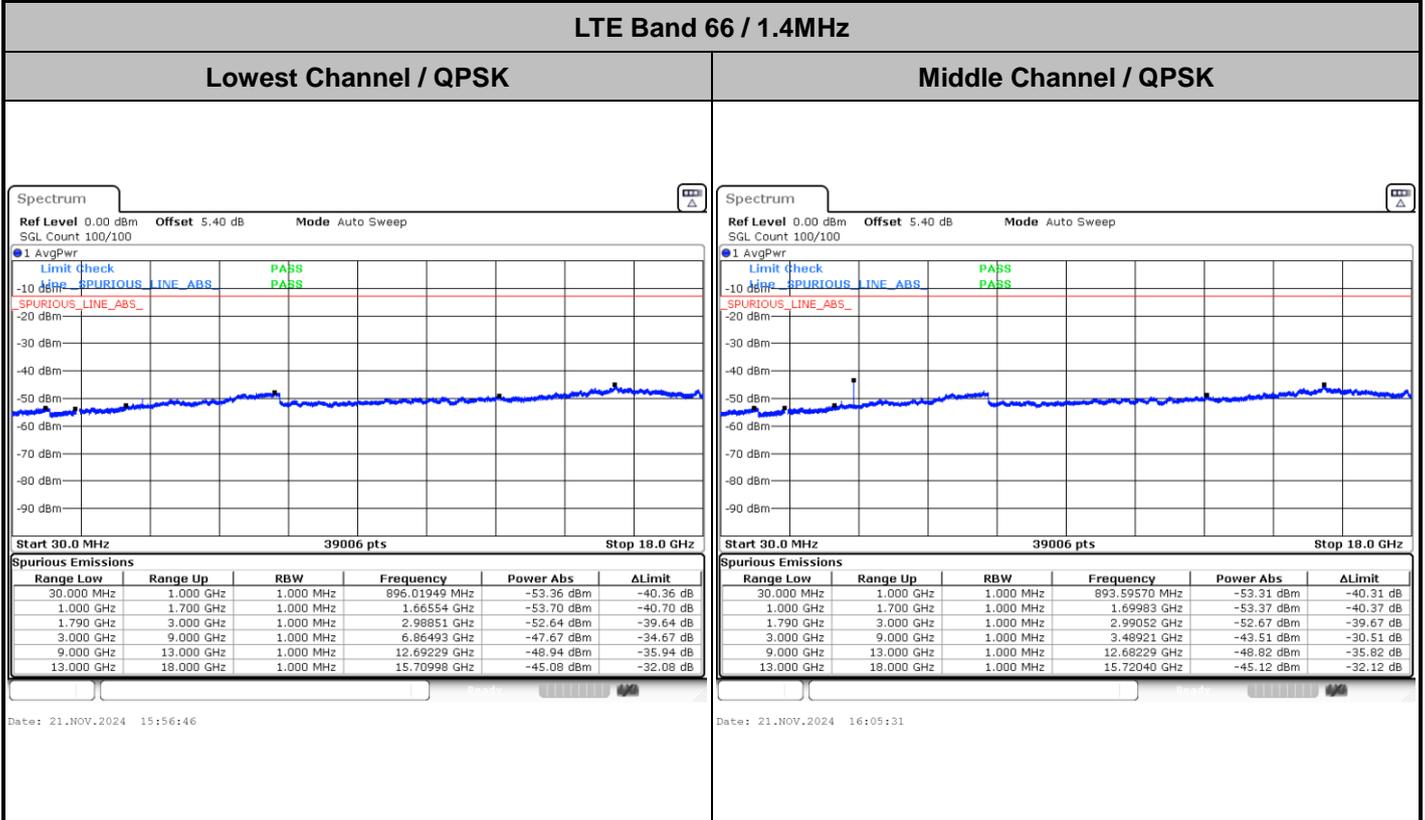


Date: 21.NOV.2024 14:55:00

Date: 21.NOV.2024 15:00:56



Conducted Spurious Emission

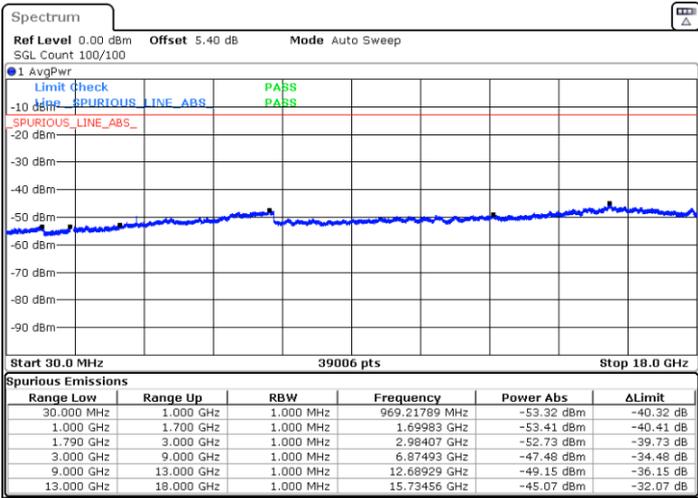




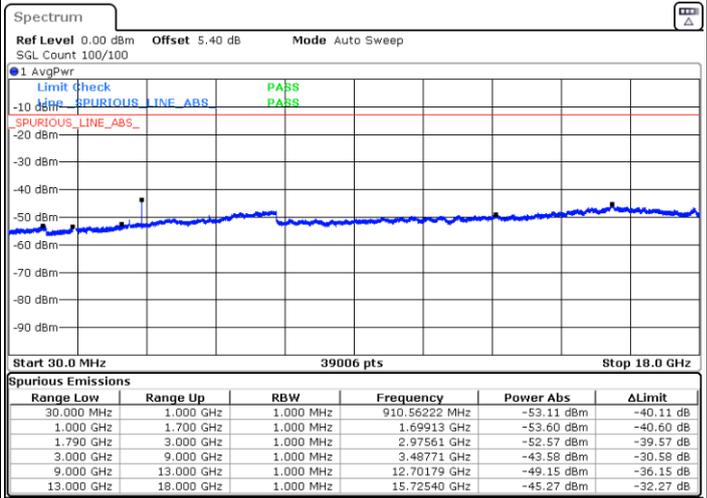
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

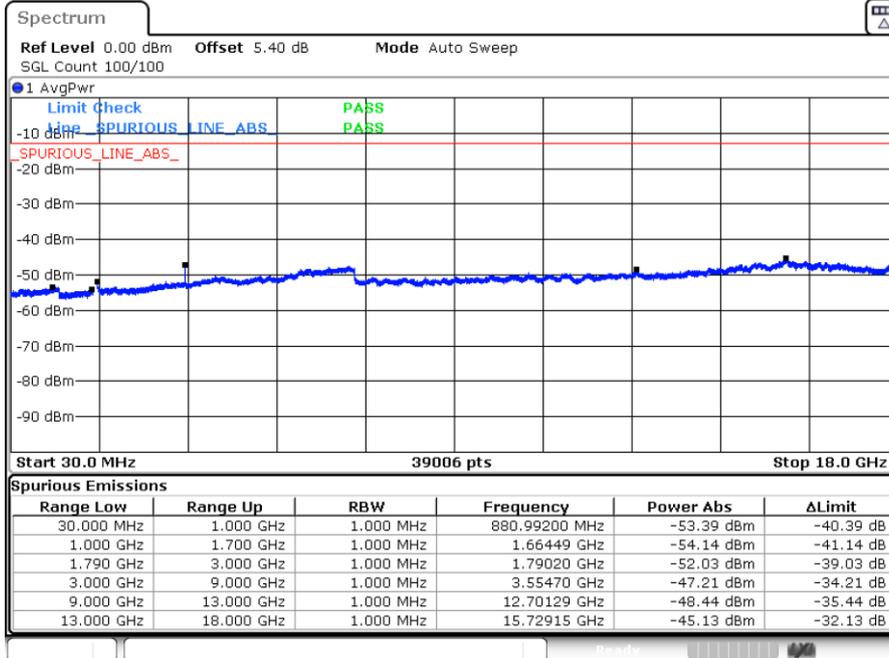


Date: 21.NOV.2024 15:25:11



Date: 21.NOV.2024 15:29:40

Highest Channel / QPSK



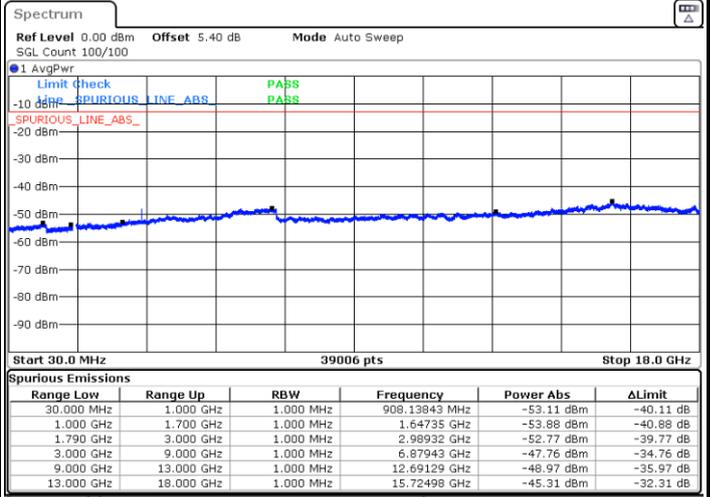
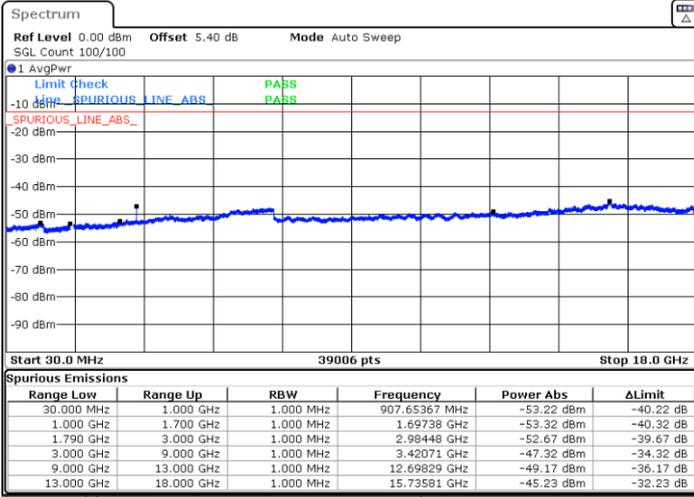
Date: 21.NOV.2024 15:22:51



LTE Band 66 / 5MHz

Lowest Channel / QPSK

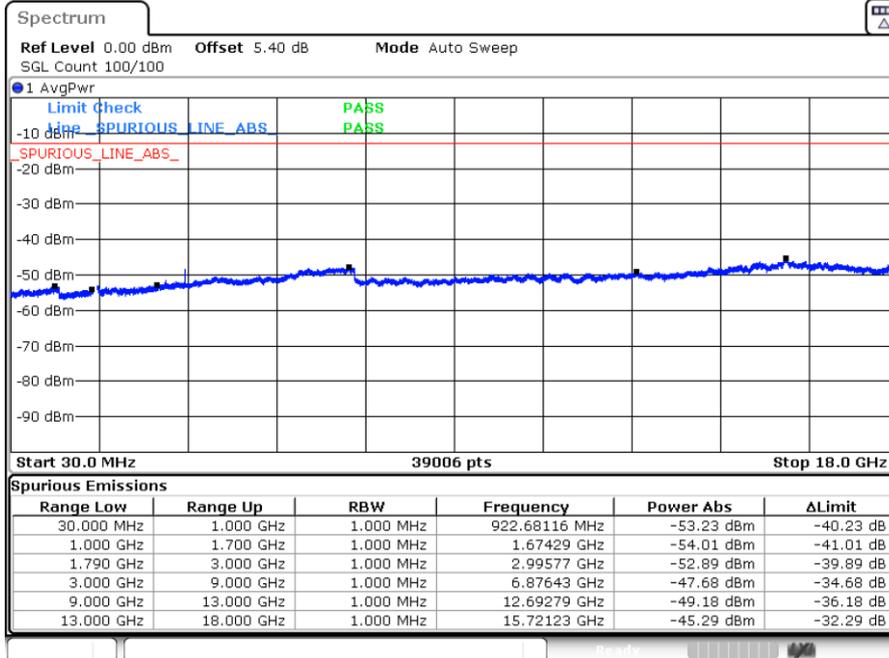
Middle Channel / QPSK



Date: 21.NOV.2024 17:05:36

Date: 21.NOV.2024 17:12:33

Highest Channel / QPSK



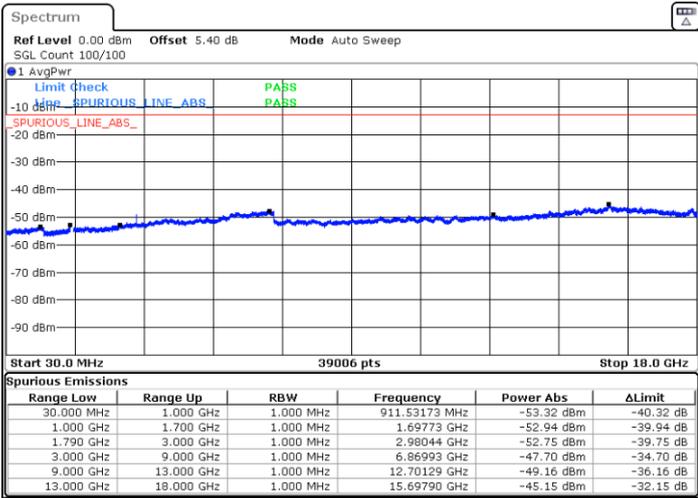
Date: 21.NOV.2024 17:03:01



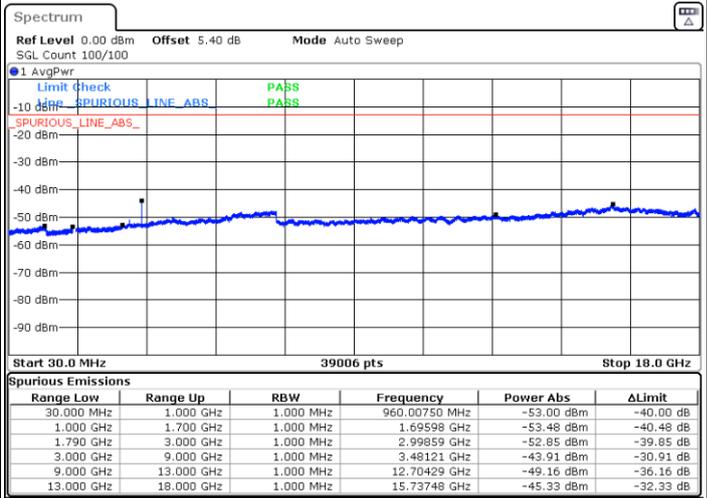
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

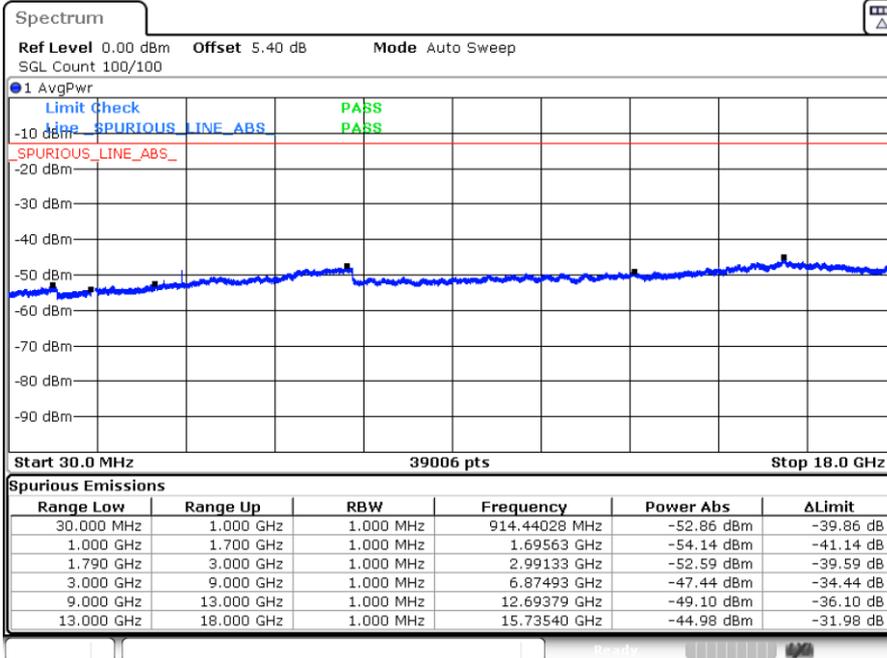


Date: 21.NOV.2024 17:20:08



Date: 21.NOV.2024 17:31:10

Highest Channel / QPSK



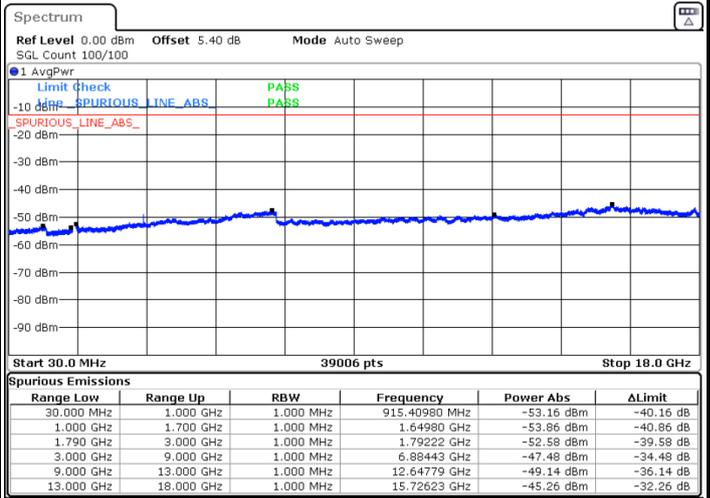
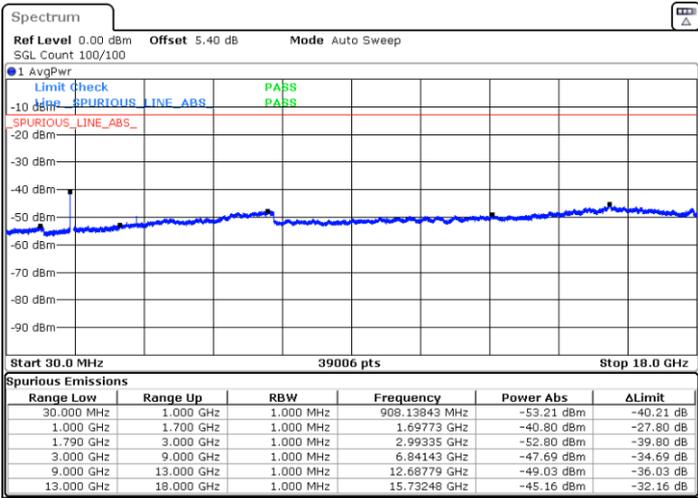
Date: 21.NOV.2024 17:18:15



LTE Band 66 / 15MHz

Lowest Channel / QPSK

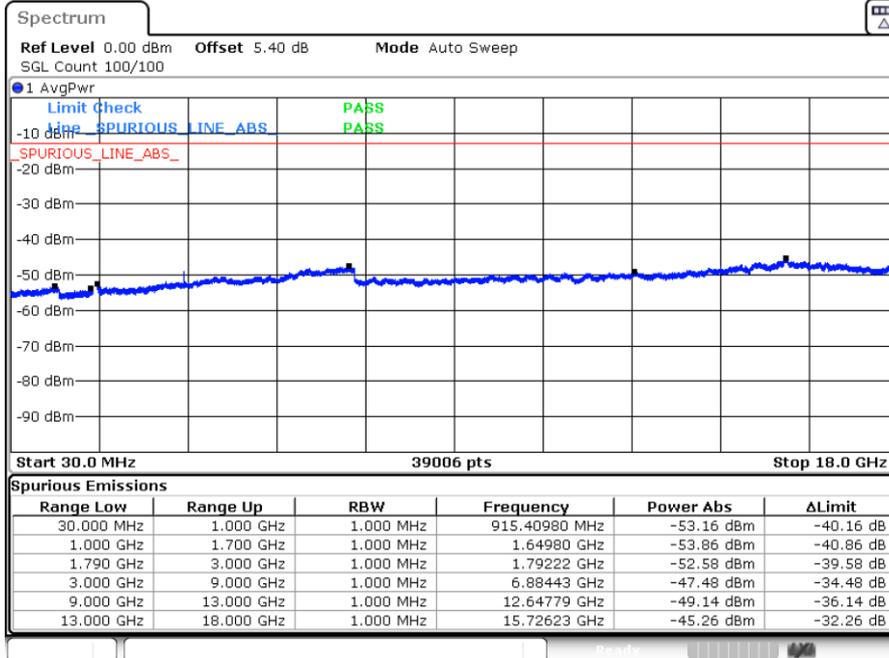
Middle Channel / QPSK



Date: 21.NOV.2024 17:38:32

Date: 21.NOV.2024 17:37:24

Highest Channel / QPSK



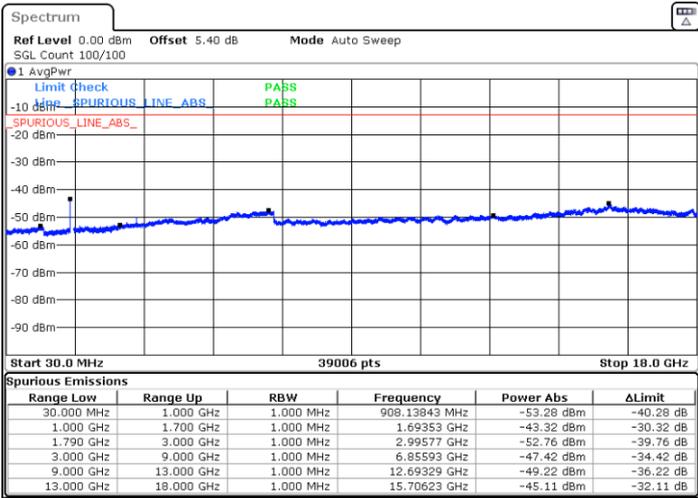
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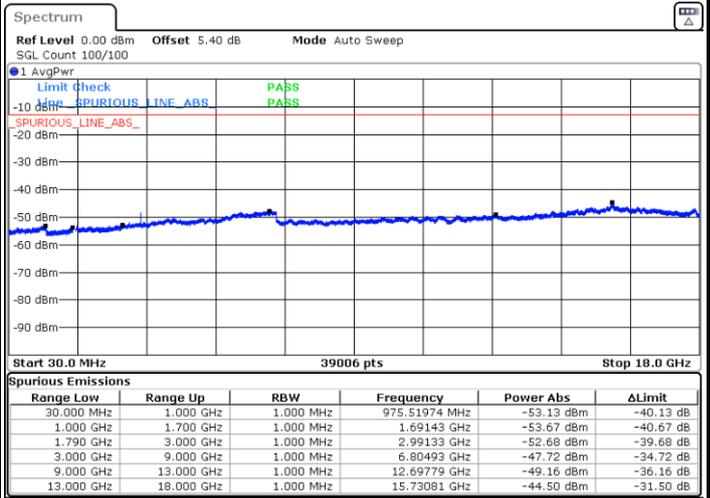
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

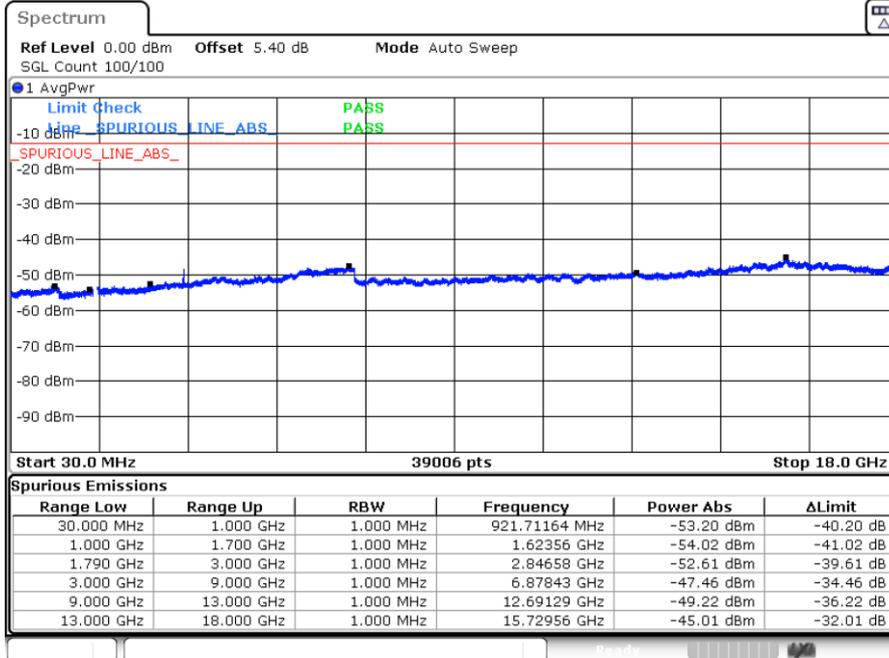


Date: 21.NOV.2024 14:51:40



Date: 21.NOV.2024 15:06:33

Highest Channel / QPSK



Date: 21.NOV.2024 15:04:44



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	0.0012	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.005	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.69 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.1 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%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

DC_ 4A_n7A / 20MHz / QPSK / ANT 4---other PA								
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	3450	-58.58	-13	-45.58	-69.32	2.604	13.34	H
	5175	-57.41	-13	-44.41	-67.92	3.011	13.52	H
	6900	-57.02	-13	-44.02	-67.22	3.271	13.47	H
	3450	-59.21	-13	-46.21	-69.95	2.604	13.34	V
	5175	-50.12	-13	-37.12	-60.63	3.011	13.52	V
	6900	-56.81	-13	-43.81	-67.01	3.271	13.47	V

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

LTE Band 25 / 20MHz / QPSK / ANT 5								
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	-58.49	-13	-45.49	-70.75	2.64	14.90	H
	5625	-57.56	-13	-44.56	-69.42	2.94	14.80	H
	7500	-51.95	-13	-38.95	-61.72	3.39	13.16	H
	3750	-58.39	-13	-45.39	-70.65	2.64	14.90	V
	5625	-58.12	-13	-45.12	-69.98	2.94	14.80	V
	7500	-53.88	-13	-40.88	-63.65	3.39	13.16	V

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

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	-62.71	-13	-49.71	-69.68	1.58	10.70	H
	2488	-55.19	-13	-42.19	-63.44	2.102	12.50	H
	3320	-58.81	-13	-45.81	-67.70	2.856	13.90	H
	1656	-60.64	-13	-47.64	-67.61	1.58	10.70	V
	2488	-58.02	-13	-45.02	-66.27	2.10	12.50	V
	3320	-58.02	-13	-45.02	-66.91	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK / ANT 5								
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	-57.58	-13	-44.58	-68.09	3.011	13.52	H
	6945	-55.42	-13	-42.42	-65.62	3.271	13.47	H
	3465	-58.75	-13	-45.75	-69.49	2.604	13.34	V
	5205	-57.55	-13	-44.55	-68.06	3.011	13.52	V
	6945	-56.28	-13	-43.28	-66.48	3.271	13.47	V

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

LTE Band 66 / 20MHz / QPSK / ANT 4---other PA								
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	-55.87	-13	-42.87	-66.61	2.604	13.34	H
	5205	-54.07	-13	-41.07	-64.58	3.011	13.52	H
	6945	-56.75	-13	-43.75	-66.95	3.271	13.47	H
	3465	-56.50	-13	-43.50	-67.24	2.604	13.34	V
	5205	-55.62	-13	-42.62	-66.13	3.011	13.52	V
	6945	-56.62	-13	-43.62	-66.82	3.271	13.47	V

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

DC_66A_n7A / 20MHz / QPSK / ANT 4---other PA								
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	-58.75	-13	-45.75	-69.49	2.604	13.34	H
	5205	-58.00	-13	-45.00	-68.51	3.011	13.52	H
	6945	-56.89	-13	-43.89	-67.09	3.271	13.47	H
	3465	-58.89	-13	-45.89	-69.63	2.604	13.34	V
	5205	-58.03	-13	-45.03	-68.54	3.011	13.52	V
	6945	-56.76	-13	-43.76	-66.96	3.271	13.47	V

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

DC_66A_n78A / 20MHz / QPSK / ANT 4---other PA								
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	-57.85	-13	-44.85	-68.59	2.604	13.34	H
	5205	-57.95	-13	-44.95	-68.46	3.011	13.52	H
	6945	-56.92	-13	-43.92	-67.12	3.271	13.47	H
	3465	-59.03	-13	-46.03	-69.77	2.604	13.34	V
	5205	-58.12	-13	-45.12	-68.63	3.011	13.52	V
	6945	-57.15	-13	-44.15	-67.35	3.271	13.47	V

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