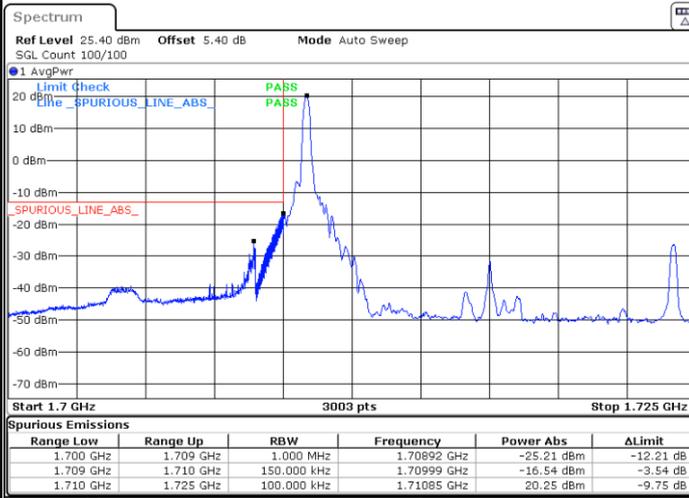




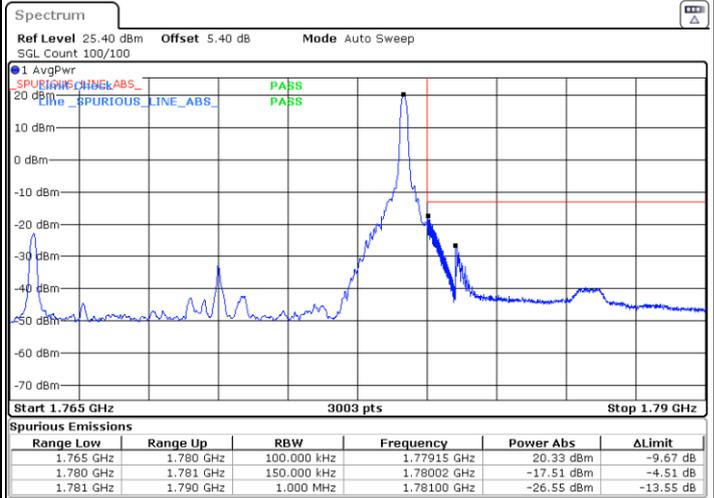
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



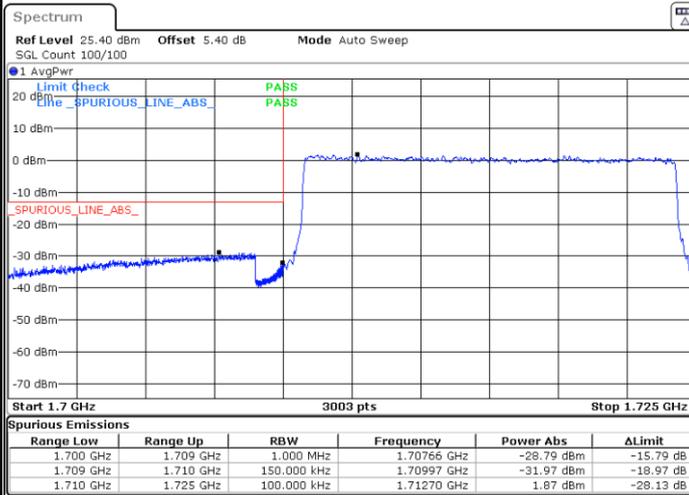
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Highest Band Edge / 1 RB



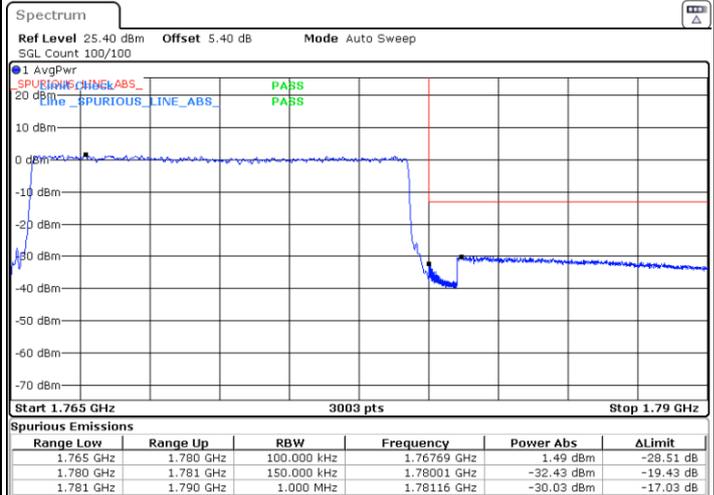
Date: 14.NOV.2024 19:11:25

Lowest Band Edge / Full RB



Date: 14.NOV.2024 19:04:58

Highest Band Edge / Full RB

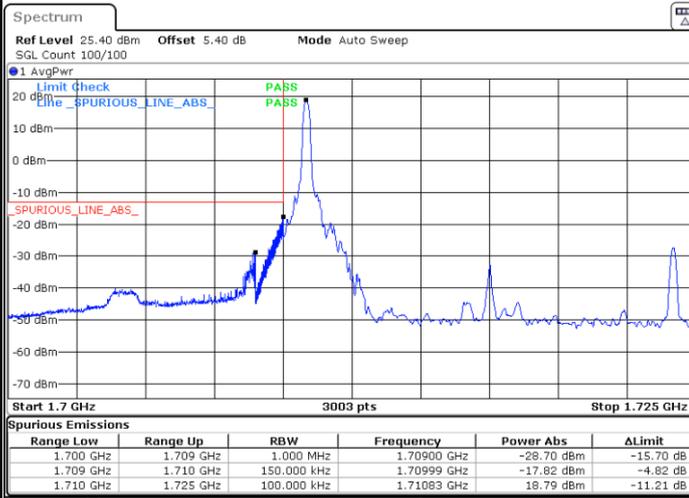


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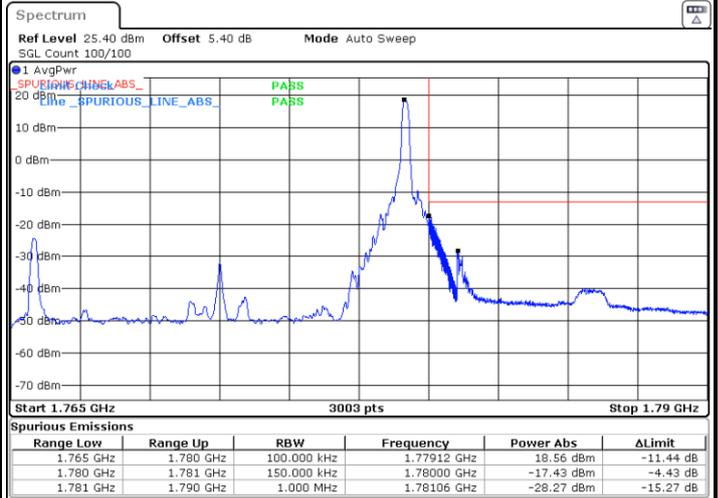
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



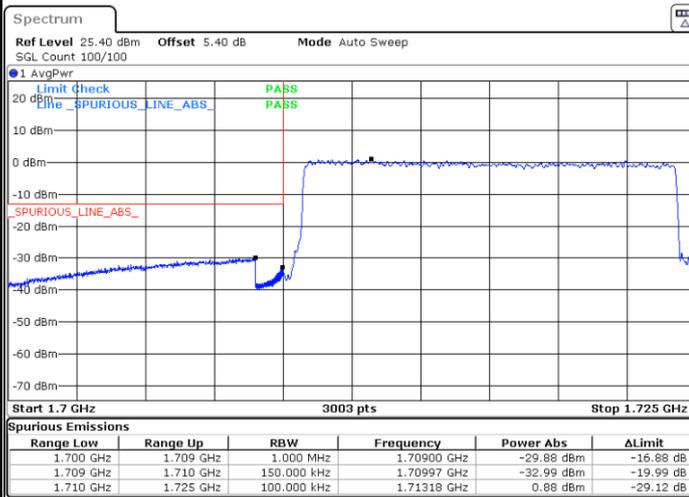
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Highest Band Edge / 1 RB



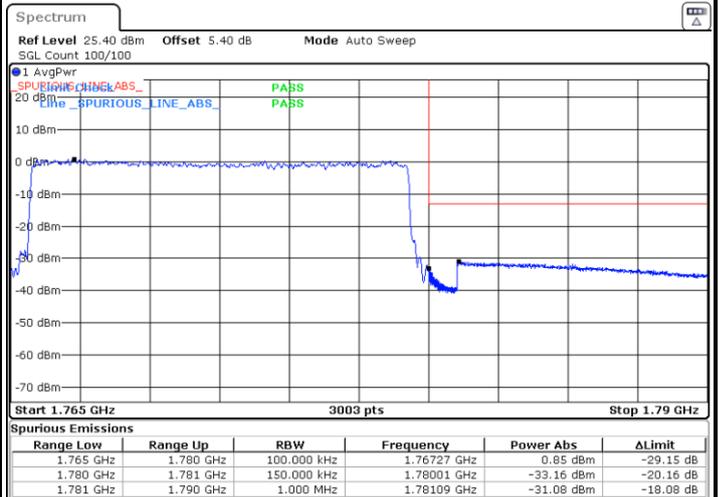
Date: 14.NOV.2024 19:12:40

Lowest Band Edge / Full RB



Date: 14.NOV.2024 19:03:43

Highest Band Edge / Full RB

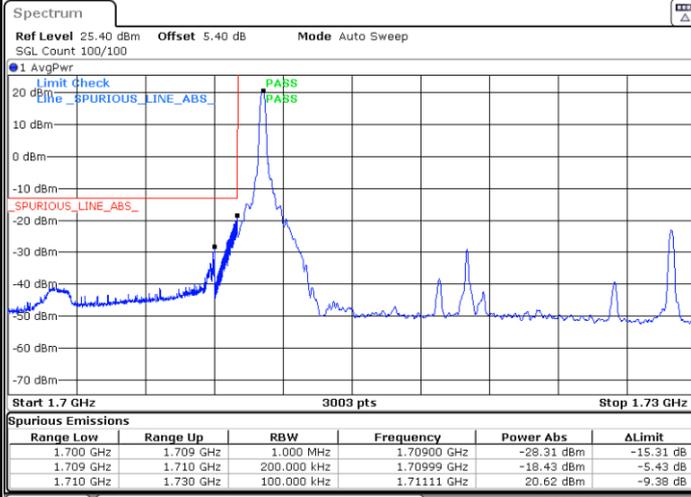


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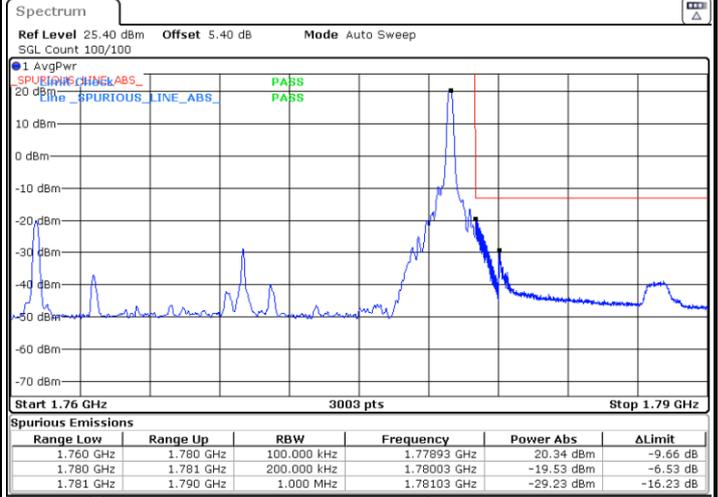
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



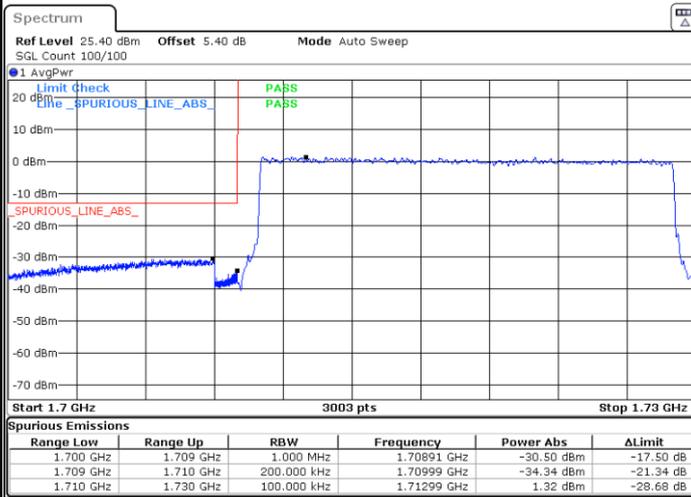
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Highest Band Edge / 1 RB



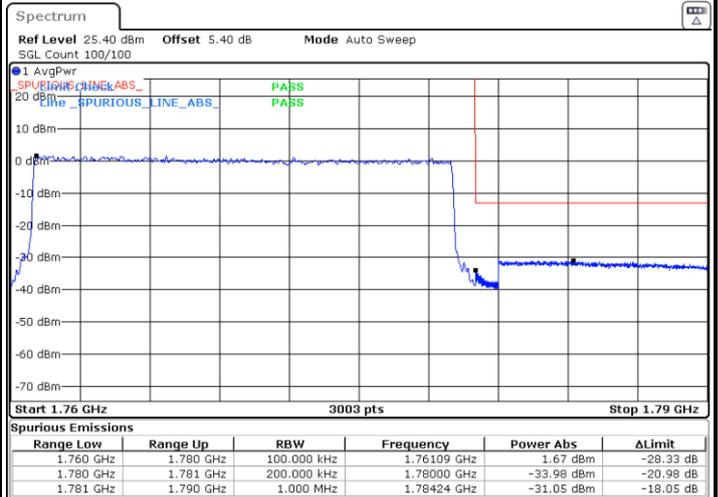
Date: 14.NOV.2024 19:29:15

Lowest Band Edge / Full RB



Date: 14.NOV.2024 19:25:19

Highest Band Edge / Full RB

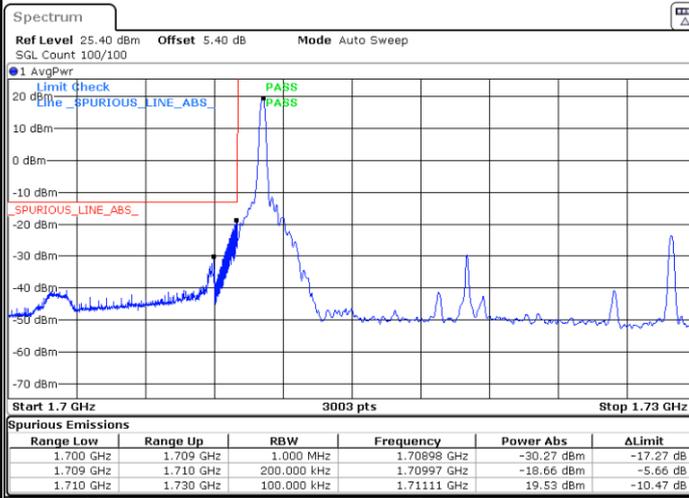


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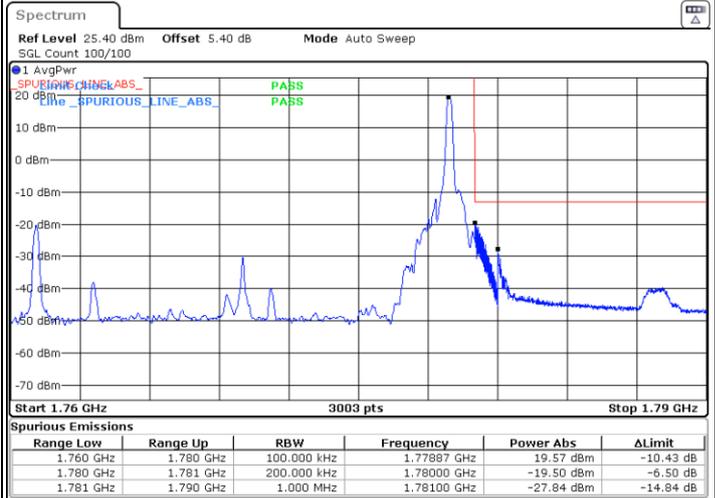
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



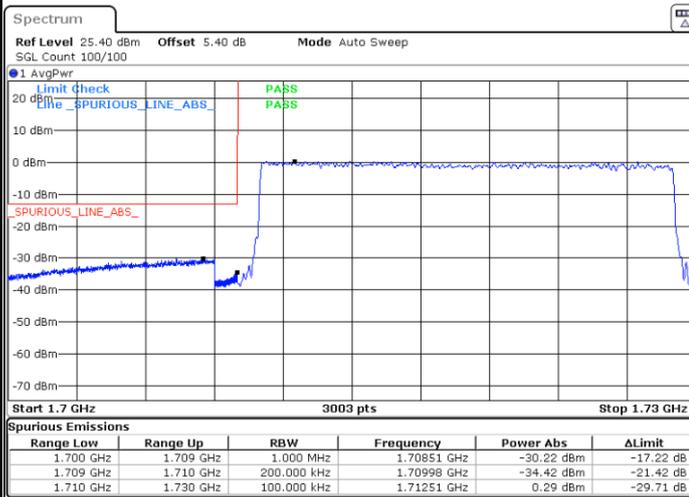
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Highest Band Edge / 1 RB



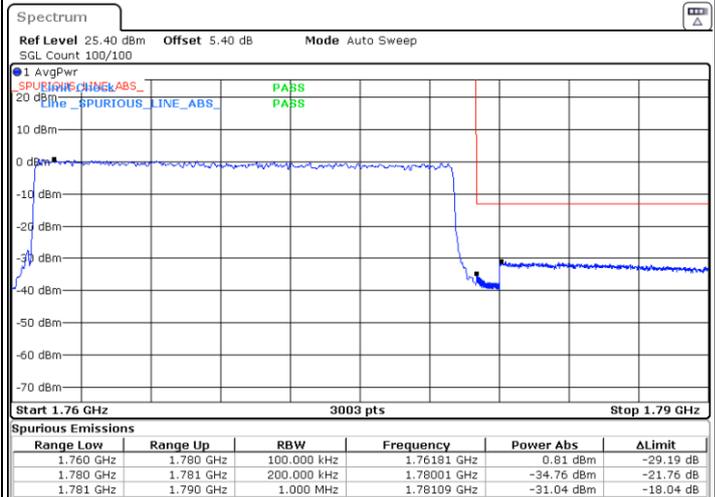
Date: 14.NOV.2024 19:30:31

Lowest Band Edge / Full RB



Date: 14.NOV.2024 19:24:04

Highest Band Edge / Full RB

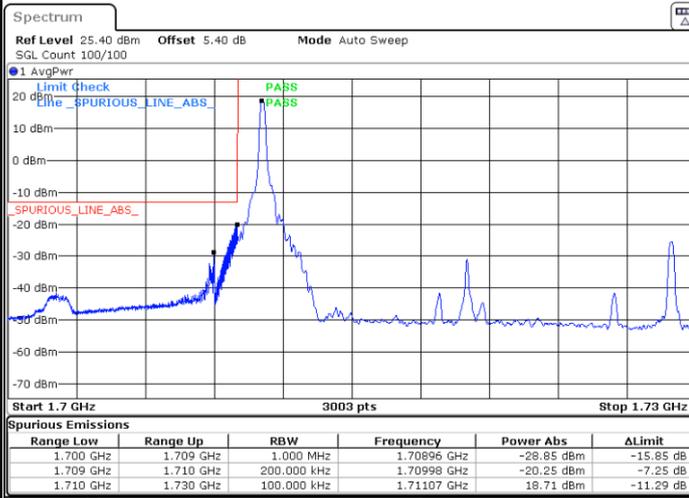


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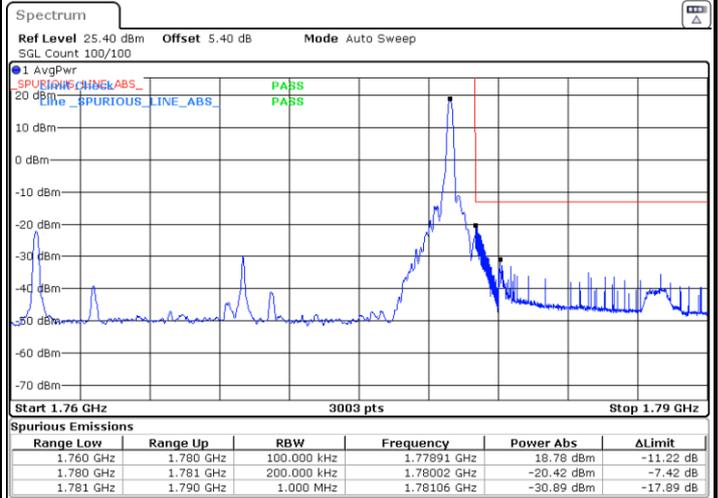
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



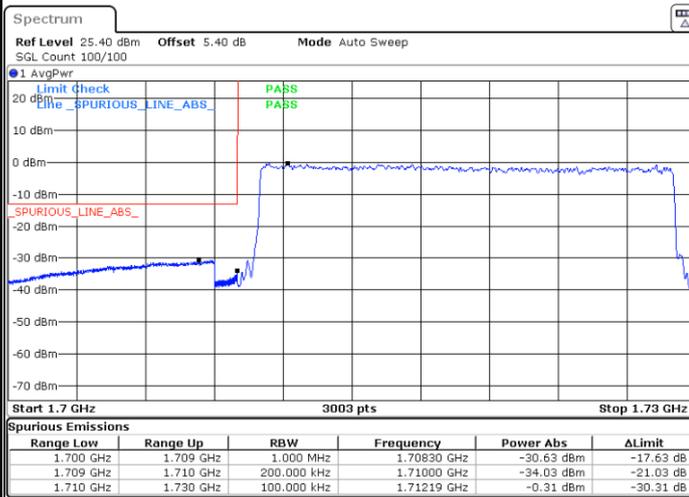
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Highest Band Edge / 1 RB



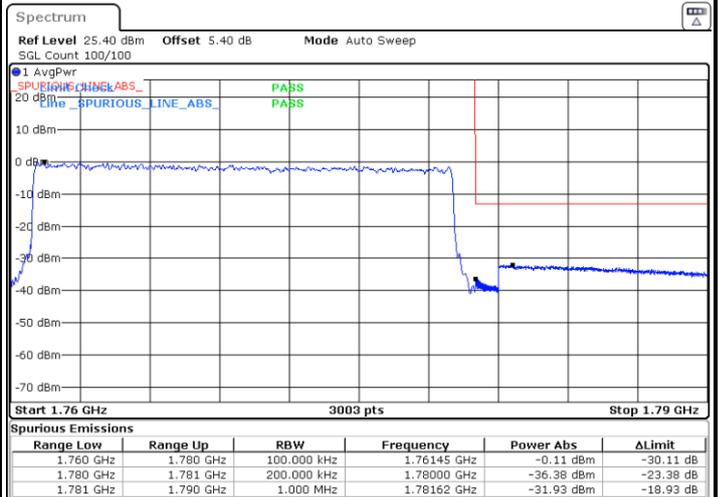
Date: 14.NOV.2024 19:31:46

Lowest Band Edge / Full RB



Date: 14.NOV.2024 19:22:49

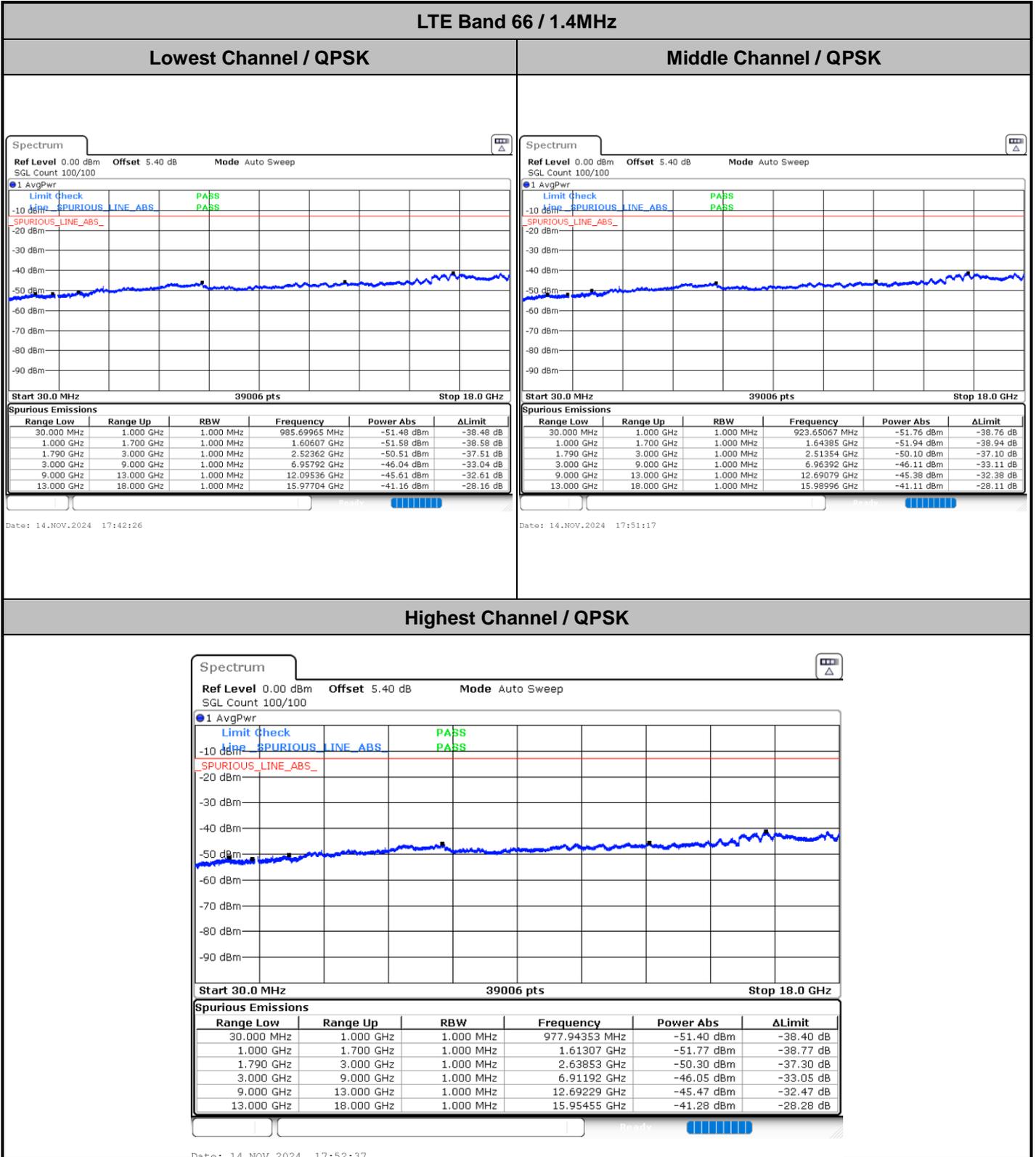
Highest Band Edge / Full RB



Date: 14.NOV.2024 19:33:01



Conducted Spurious Emission

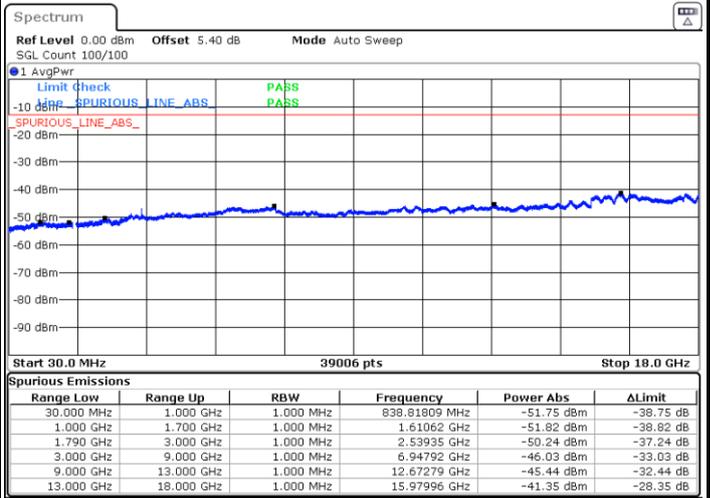
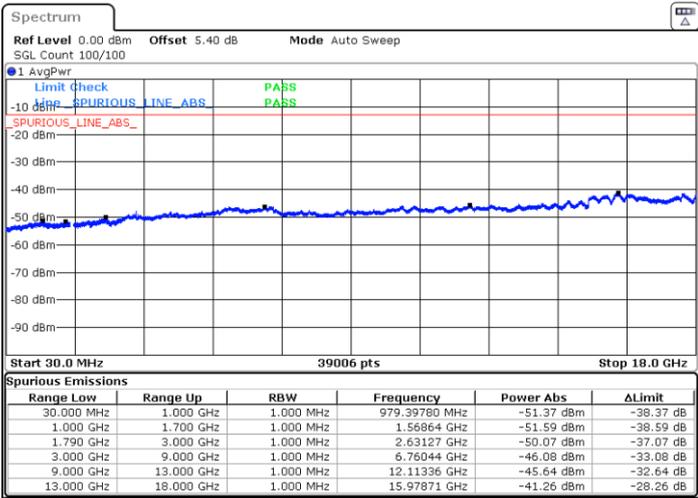




LTE Band 66 / 3MHz

Lowest Channel / QPSK

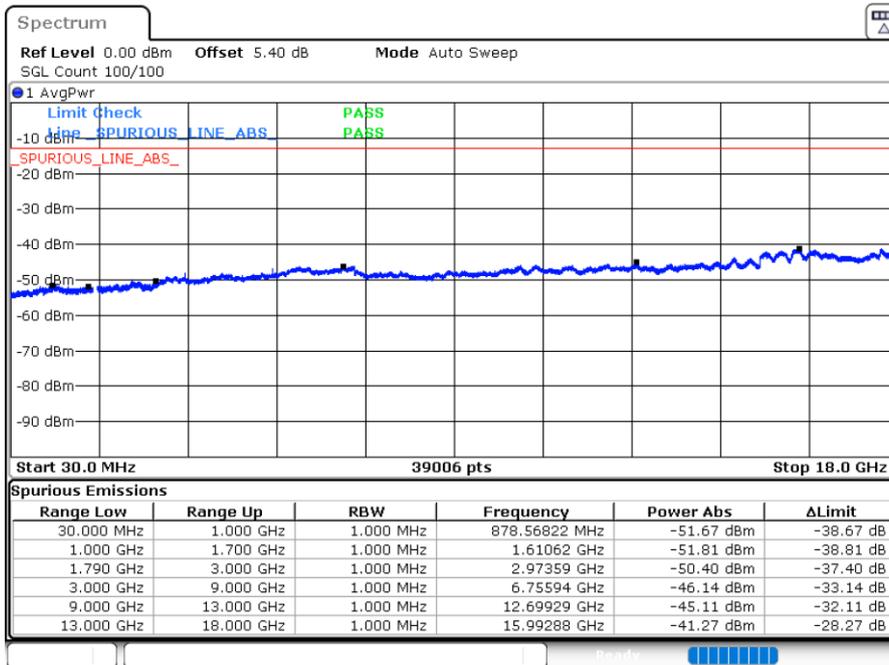
Middle Channel / QPSK



Date: 14.NOV.2024 18:01:29

Date: 14.NOV.2024 18:10:20

Highest Channel / QPSK



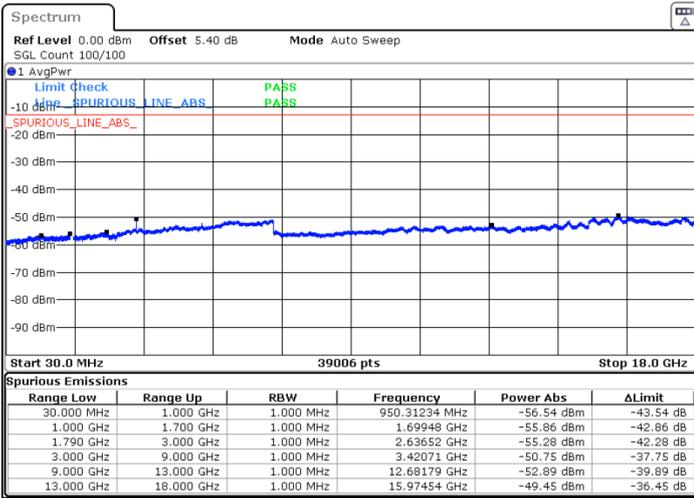
Date: 14.NOV.2024 18:11:41



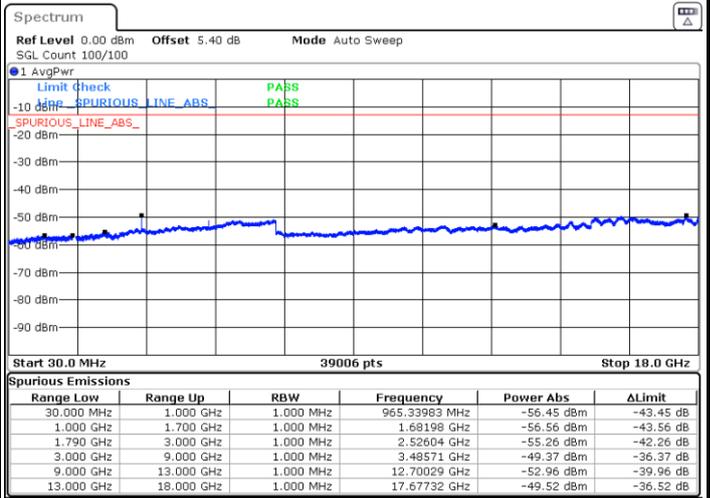
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

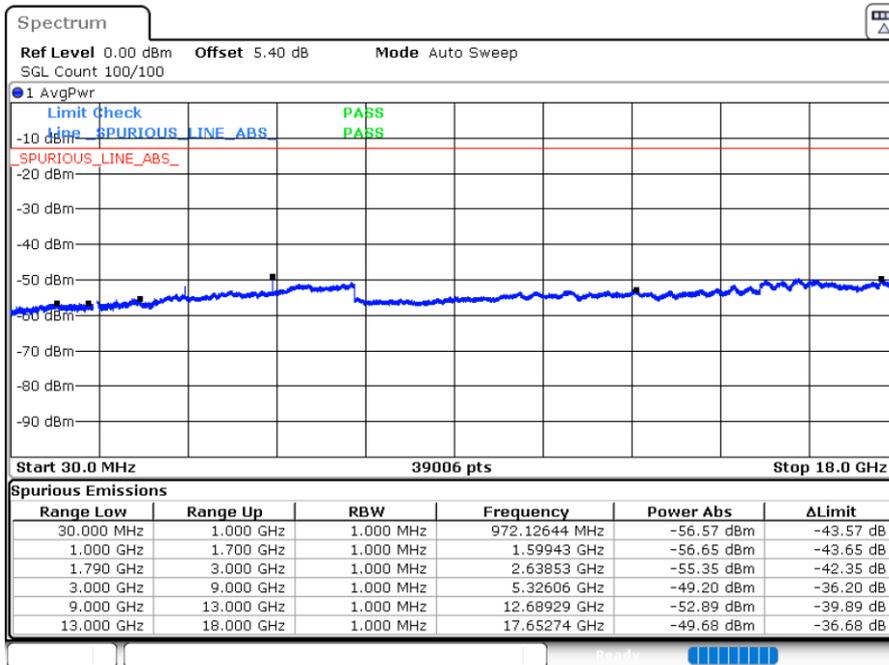


Date: 14.NOV.2024 18:20:33



Date: 14.NOV.2024 18:29:25

Highest Channel / QPSK

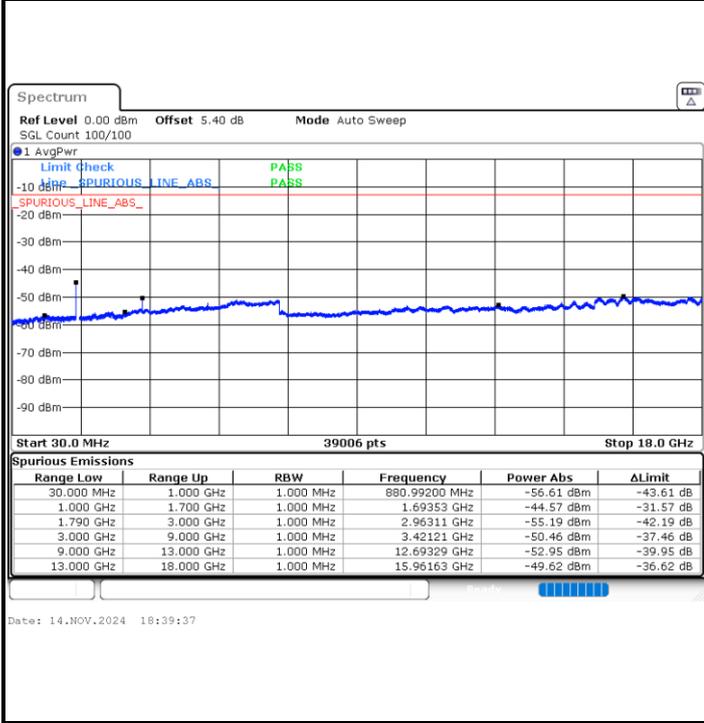


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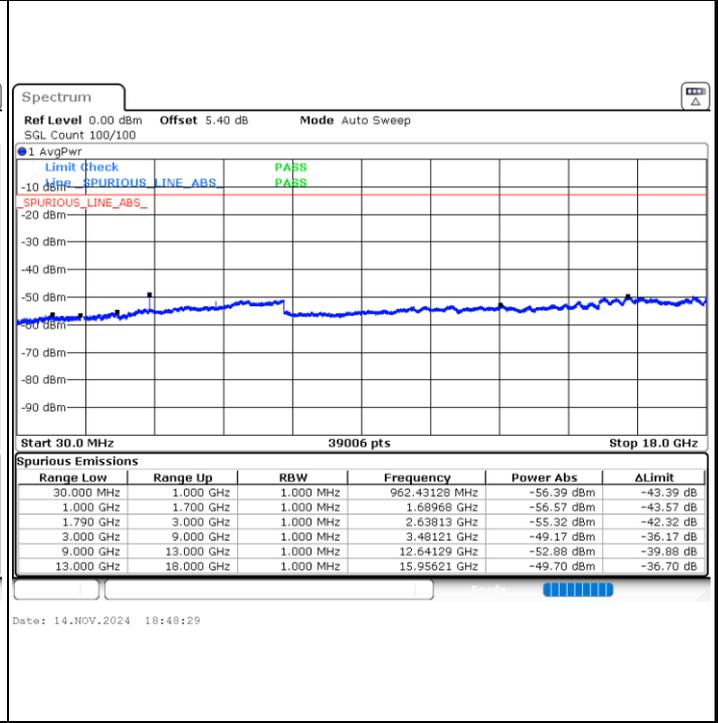


LTE Band 66 / 10MHz

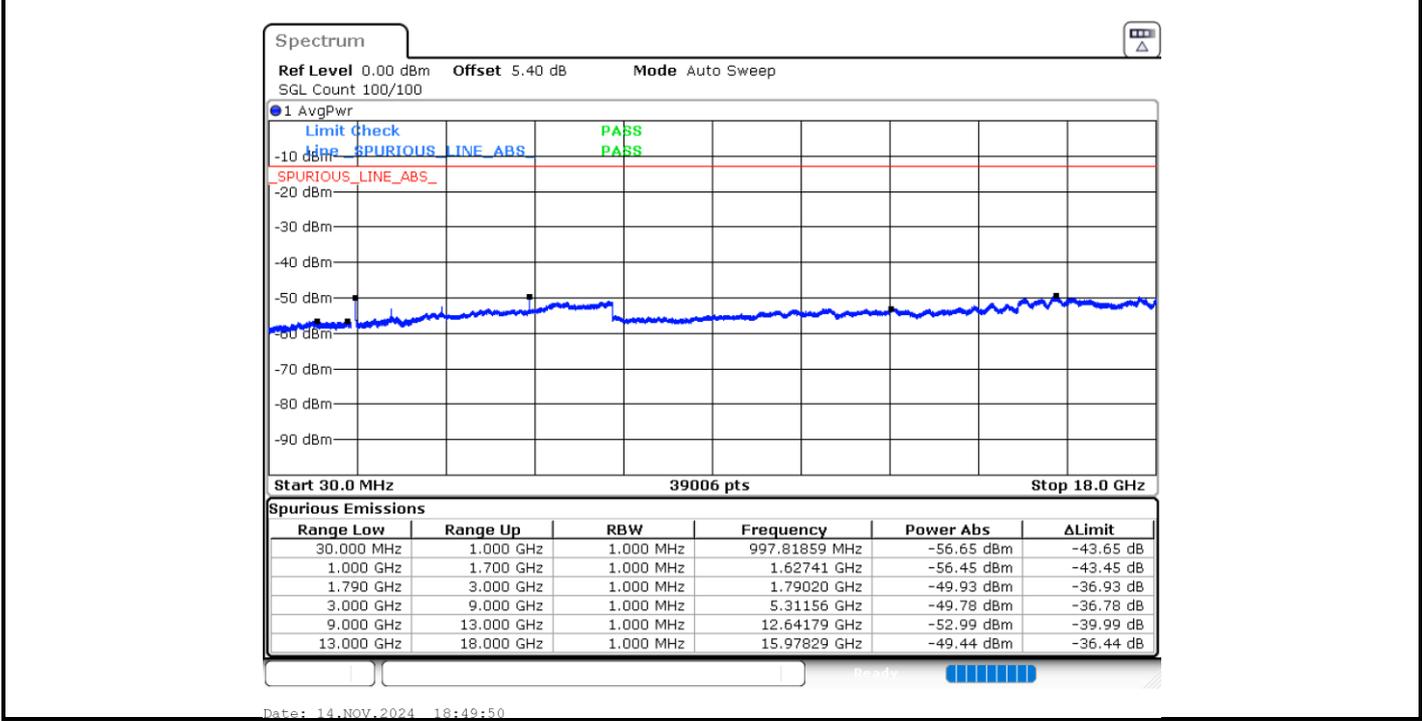
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

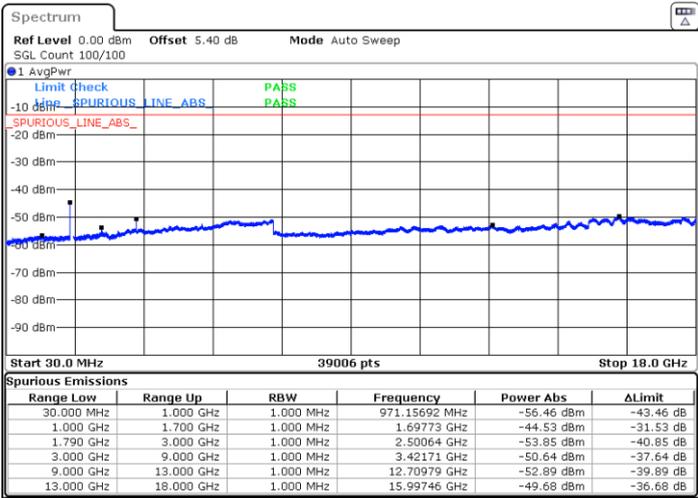




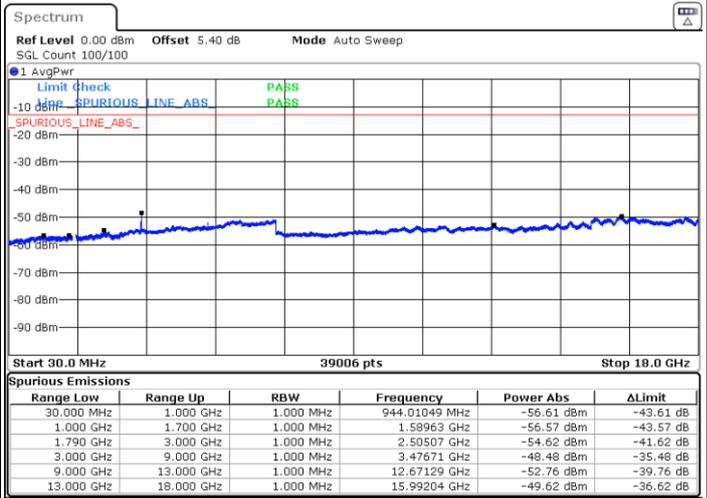
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

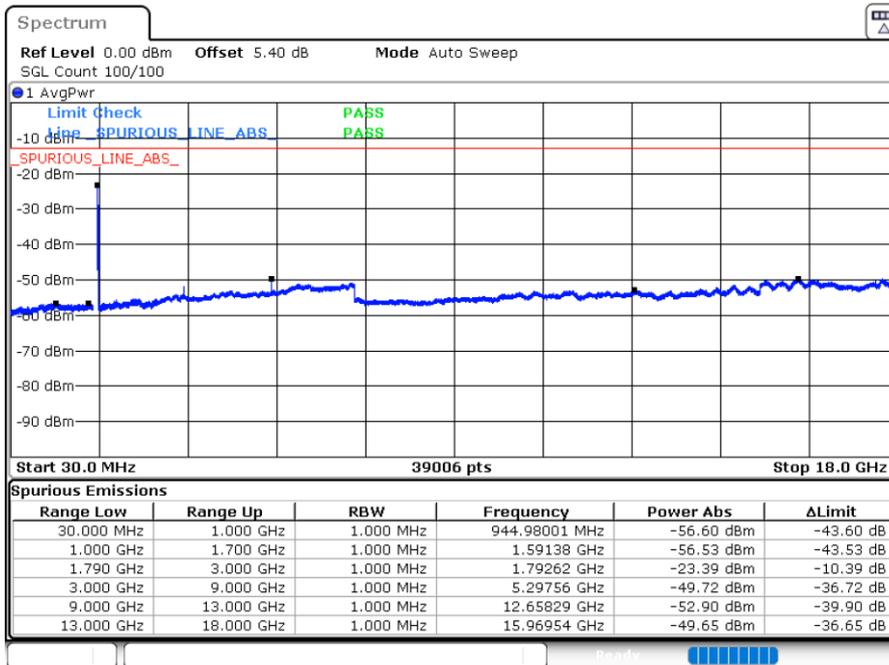


Date: 14.NOV.2024 18:58:42



Date: 14.NOV.2024 19:07:34

Highest Channel / QPSK



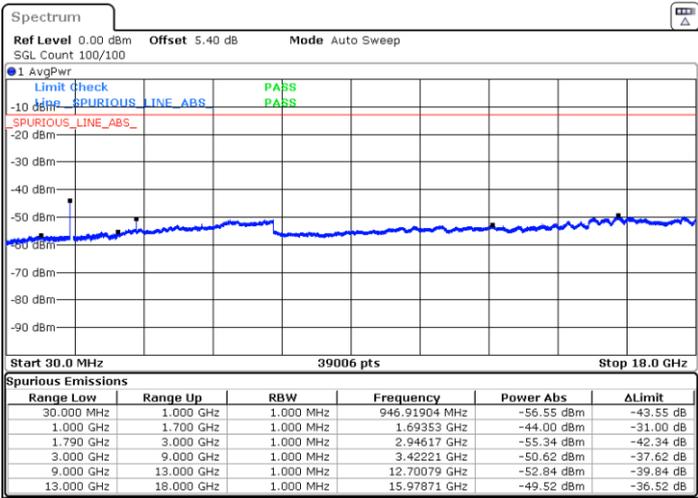
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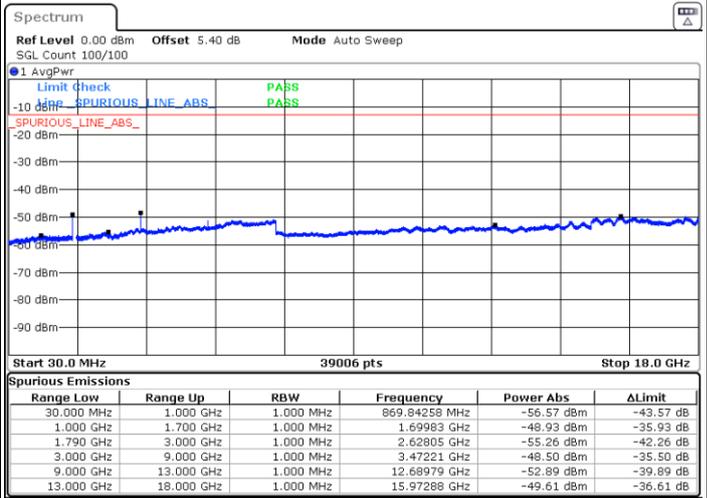
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

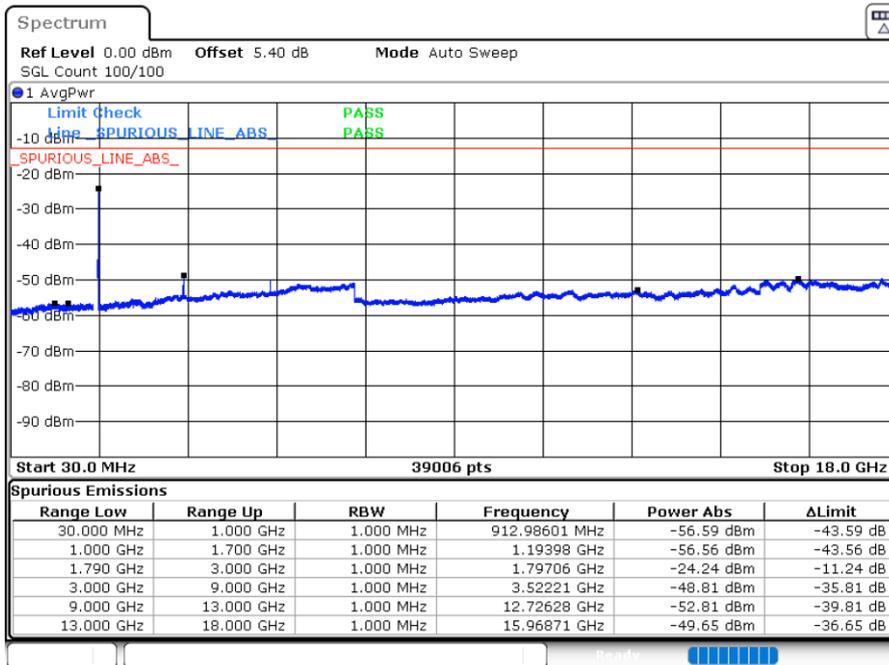


Date: 14.NOV.2024 19:17:47



Date: 14.NOV.2024 19:26:39

Highest Channel / QPSK



Date: 14.NOV.2024 19:28:00



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	0.0019	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.91V ; Minimum Voltage =3.45V. ; Maximum Voltage =4.53V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Smile Wang	Temperature :	23~25°C
		Relative Humidity :	41~42%

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	3735	-58.32	-13	-45.32	-70.58	2.64	14.90	H
	5610	-47.28	-13	-34.28	-59.14	2.94	14.80	H
	7485	-54.02	-13	-41.02	-63.79	3.39	13.16	H
	3735	-57.22	-13	-44.22	-69.48	2.64	14.90	V
	5610	-46.35	-13	-33.35	-58.21	2.94	14.80	V
	7485	-54.02	-13	-41.02	-63.79	3.39	13.16	V

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

LTE Band 12 / 10MHz / QPSK								
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	1408	-58.86	-13	-45.86	-65.83	1.58	10.70	H
	2112	-61.07	-13	-48.07	-69.32	2.102	12.50	H
	2808	-58.48	-13	-45.48	-67.37	2.856	13.90	H
	1408	-60.25	-13	-47.25	-67.22	1.58	10.70	V
	2112	-58.55	-13	-45.55	-66.80	2.10	12.50	V
	2808	-58.13	-13	-45.13	-67.02	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK								
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	1560	-54.88	-42.15	-12.73	-57.51	1.09	5.87	H
	2336	-49.57	-13	-36.57	-51.97	1.37	5.92	H
	3120	-59.96	-13	-46.96	-63.85	1.64	7.68	H
	1560	-49.39	-42.15	-7.24	-52.02	1.09	5.87	V
	2336	-45.79	-13	-32.79	-48.19	1.37	5.92	V
	3120	-59.76	-13	-46.76	-63.65	1.64	7.68	V

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



LTE Band 13 / 10MHz / QPSK								
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	1552	-53.93	-13	-40.93	-56.56	1.09	5.87	H
	2336	-41.81	-13	-28.81	-44.21	1.37	5.92	H
	3112	-59.54	-13	-46.54	-63.43	1.64	7.68	H
	1552	-53.27	-13	-40.27	-55.90	1.09	5.87	V
	2336	-36.31	-13	-23.31	-38.71	1.37	5.92	V
	3112	-59.29	-13	-46.29	-63.18	1.64	7.68	V

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

LTE Band 17 / 10MHz / QPSK								
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	1408	-58.84	-13	-45.84	-65.81	1.58	10.70	H
	2120	-60.69	-13	-47.69	-68.94	2.102	12.50	H
	2824	-58.68	-13	-45.68	-67.57	2.856	13.90	H
	1408	-59.08	-13	-46.08	-66.05	1.58	10.70	V
	2120	-60.83	-13	-47.83	-69.08	2.10	12.50	V
	2824	-58.30	-13	-45.30	-67.19	2.86	13.90	V

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

LTE Band 26 / 15MHz / QPSK								
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	-62.65	-13	-49.65	-69.62	1.58	10.70	H
	2488	-42.89	-13	-29.89	-51.14	2.102	12.50	H
	3320	-59.58	-13	-46.58	-68.47	2.856	13.90	H
	1656	-56.86	-13	-43.86	-63.83	1.58	10.70	V
	2488	-39.68	-13	-26.68	-47.93	2.10	12.50	V
	3320	-59.61	-13	-46.61	-68.50	2.86	13.90	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	3465	-58.58	-13	-45.58	-69.32	2.604	13.34	H
	5205	-55.94	-13	-42.94	-66.45	3.011	13.52	H
	6945	-57.31	-13	-44.31	-67.51	3.271	13.47	H
	3465	-58.80	-13	-45.80	-69.54	2.604	13.34	V
	5205	-56.73	-13	-43.73	-67.24	3.011	13.52	V
	6945	-57.16	-13	-44.16	-67.36	3.271	13.47	V

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