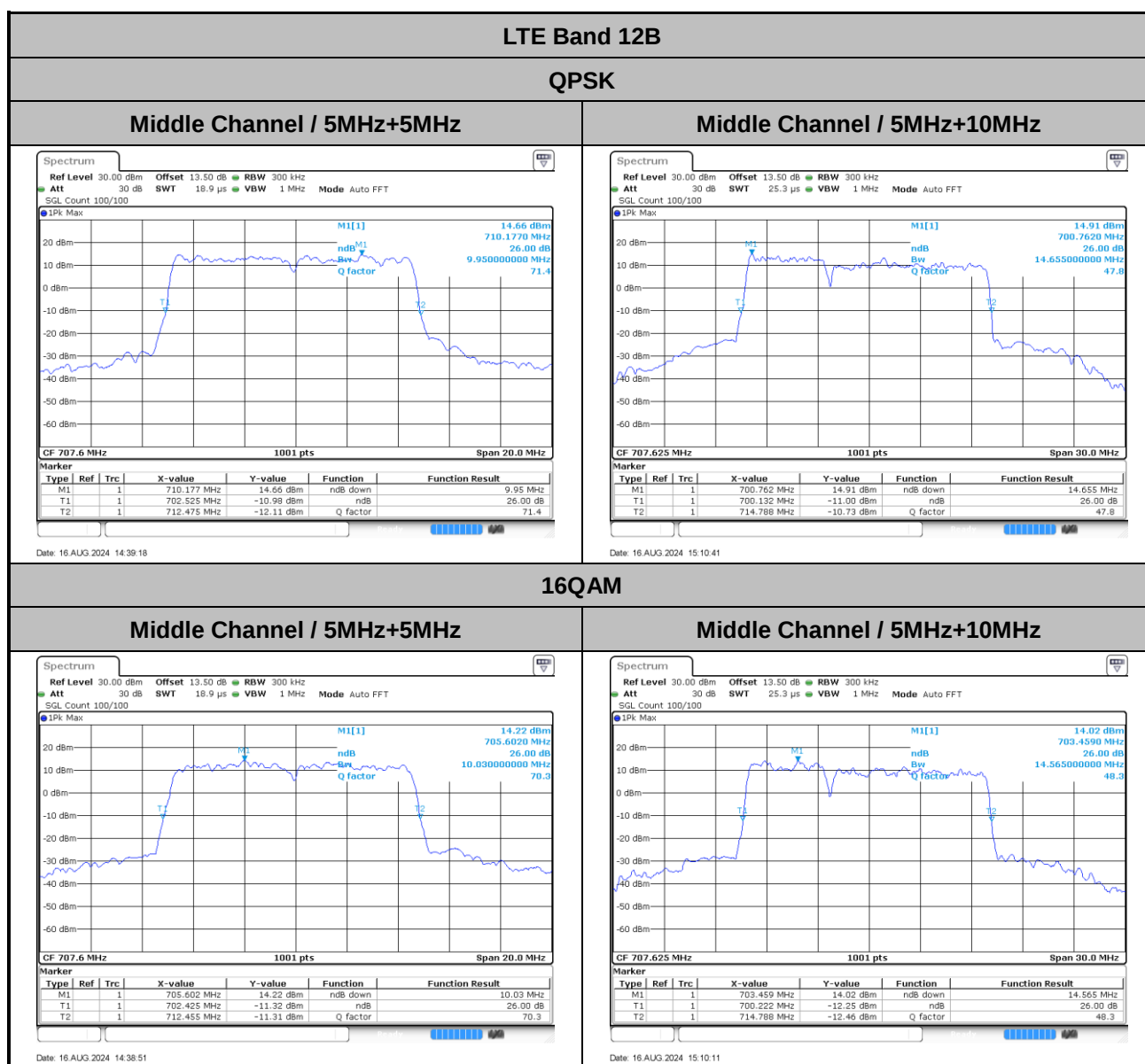




LTE Band CA_12B

26dB Bandwidth

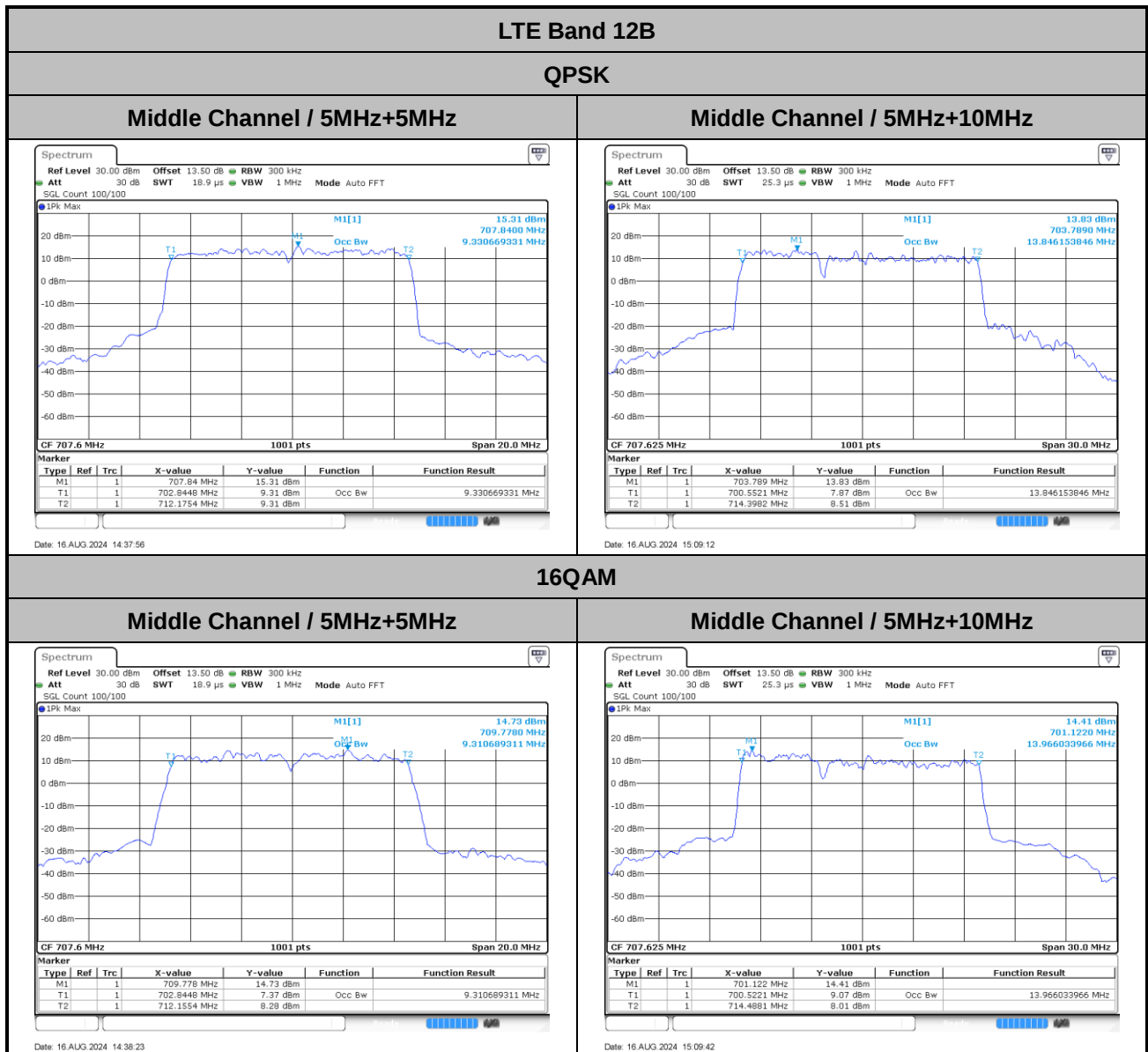
Mode	LTE Band 12B : 26dB BW(MHz)	
	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.95	10.03
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.66	14.57





Occupied Bandwidth

Mode	LTE Band 12B : 99%OBW(MHz)	
	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.33	9.31
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	13.85	13.97



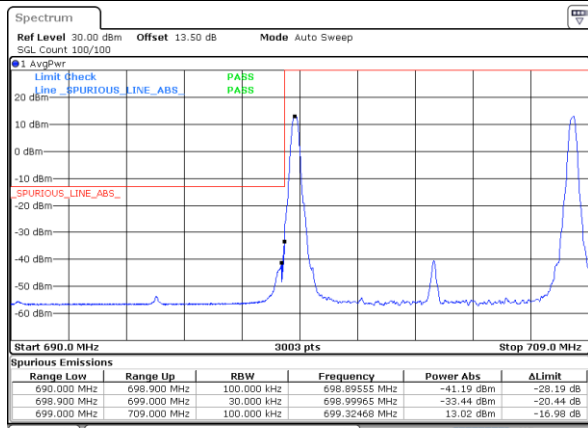


Conducted Band Edge

LTE Band 12B / 5MHz+5MHz

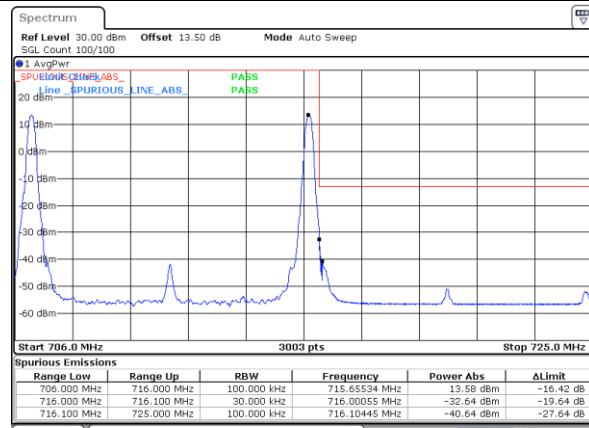
QPSK

Lowest Band Edge / 1RB0 and 1RB24



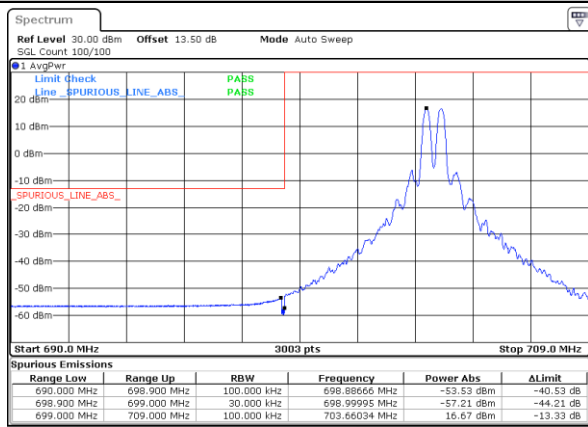
Date: 16 AUG 2024 14:33:21

Highest Band Edge / 1RB0 and 1RB24



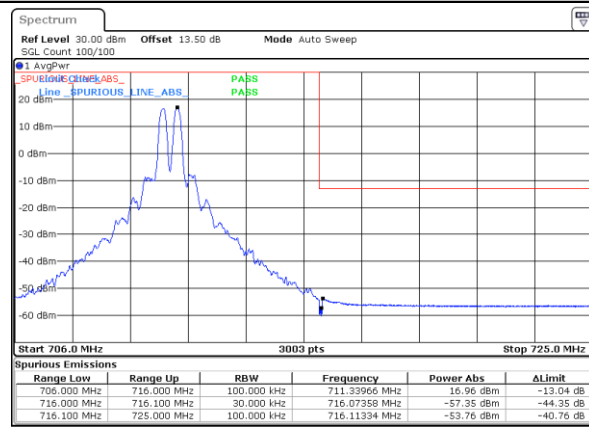
Date: 16 AUG 2024 14:49:08

Lowest Band Edge / 1RB24 and 1RB0



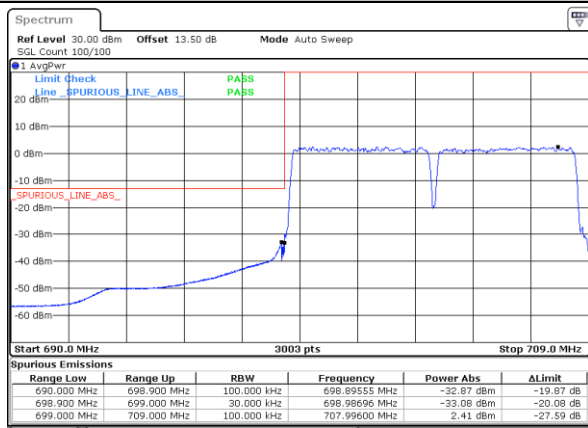
Date: 16 AUG 2024 14:28:55

Highest Band Edge / 1RB24 and 1RB0



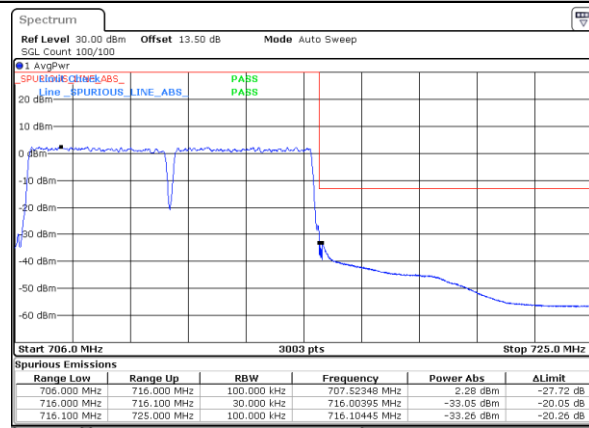
Date: 16 AUG 2024 14:44:42

Lowest Band Edge / Full RB



Date: 16 AUG 2024 14:34:14

Highest Band Edge / Full RB



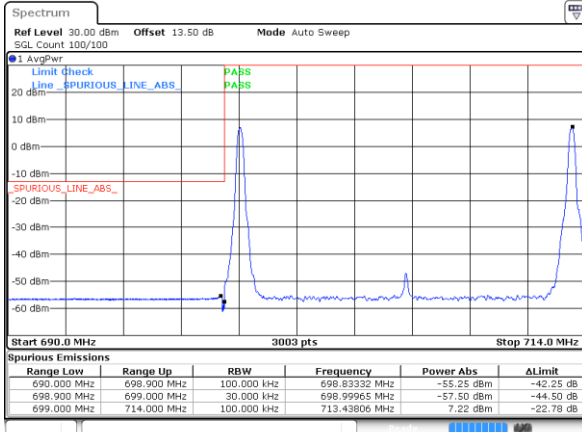
Date: 16 AUG 2024 14:50:01



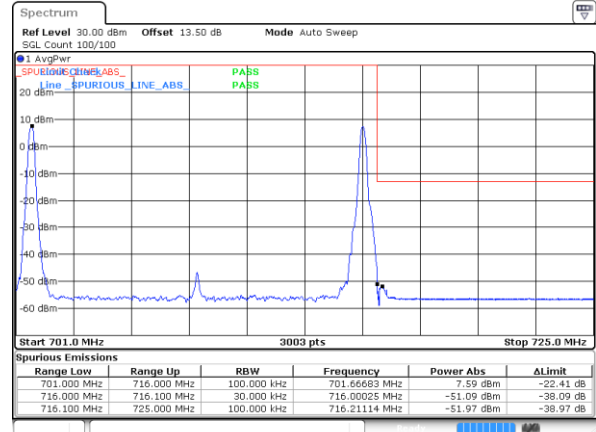
LTE Band 12B / 5MHz+10MHz

QPSK

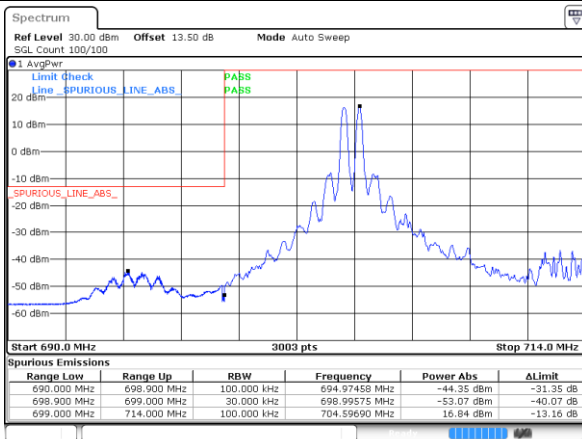
Lowest Band Edge / 1RB0 and 1RB49



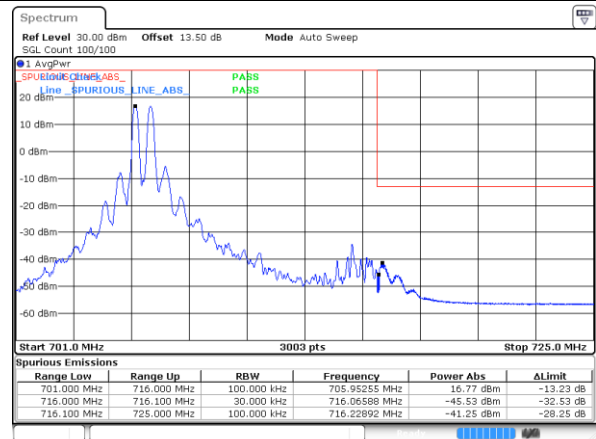
Highest Band Edge / 1RB0 and 1RB49



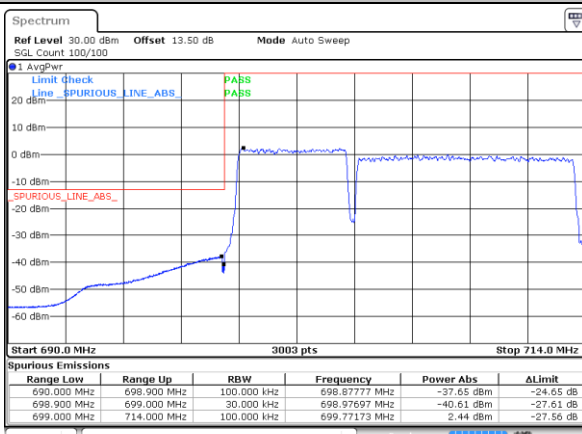
Lowest Band Edge / 1RB49 and 1RB0



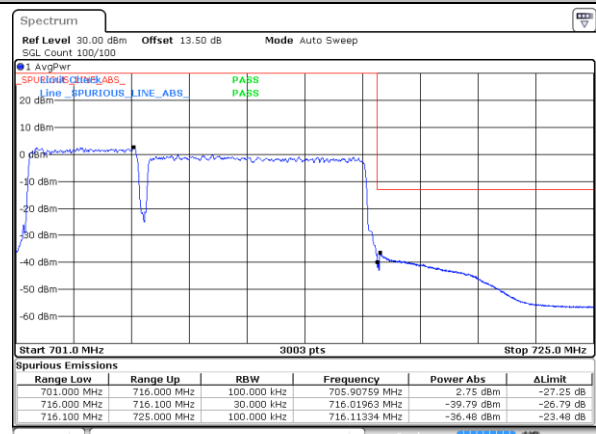
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

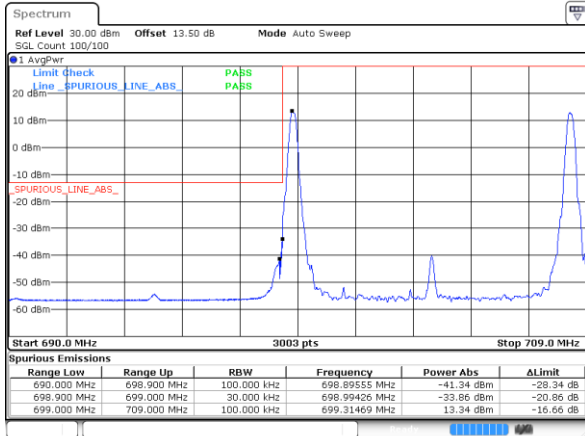




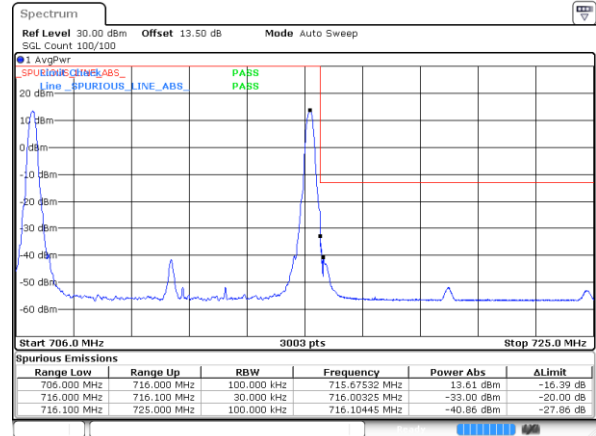
LTE Band 12B / 5MHz+5MHz

16QAM

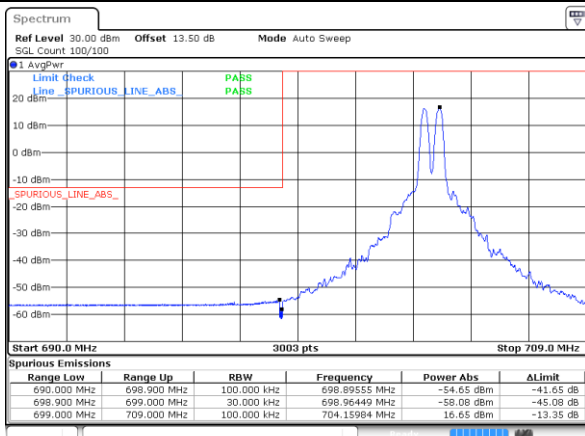
Lowest Band Edge / 1RB0 and 1RB24



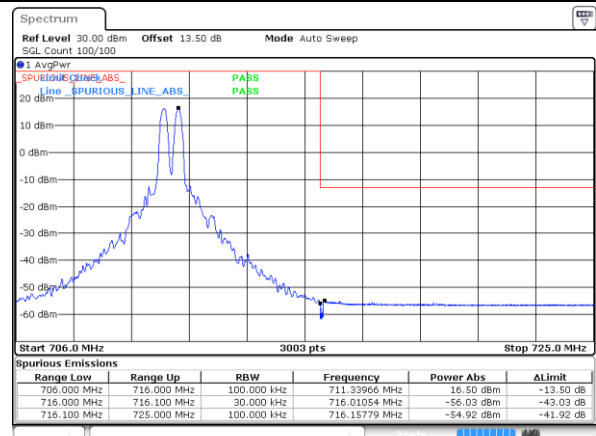
Highest Band Edge / 1RB0 and 1RB24



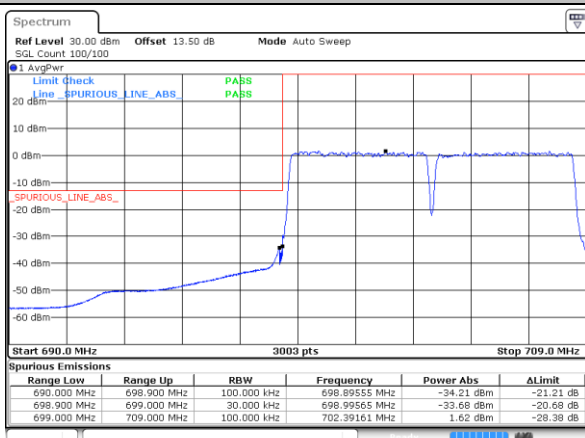
Lowest Band Edge / 1RB24 and 1RB0



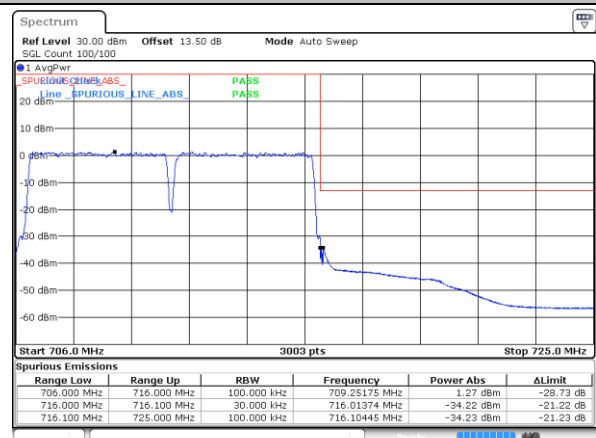
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

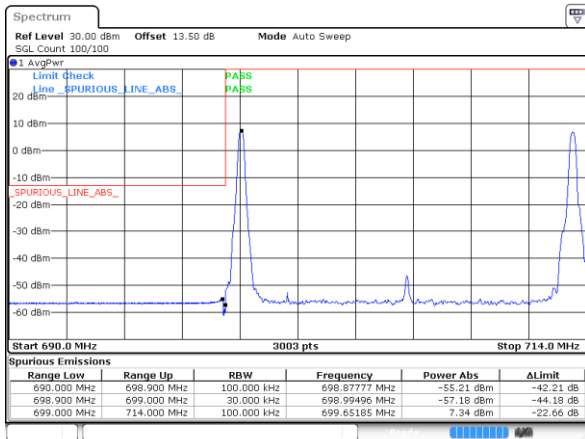




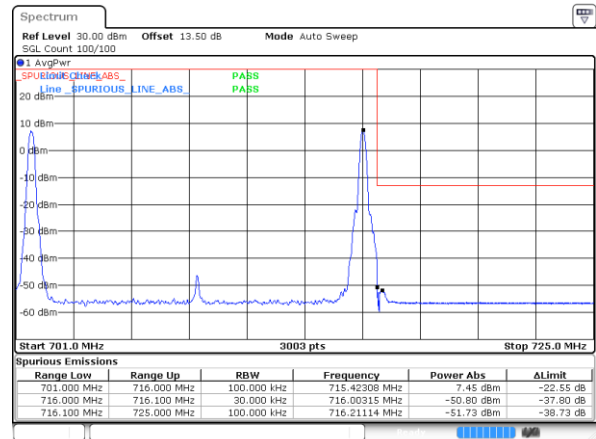
LTE Band 12B / 5MHz+10MHz

16QAM

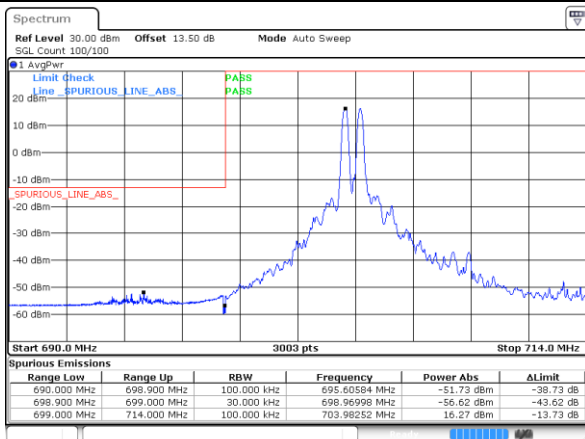
Lowest Band Edge / 1RB0 and 1RB49



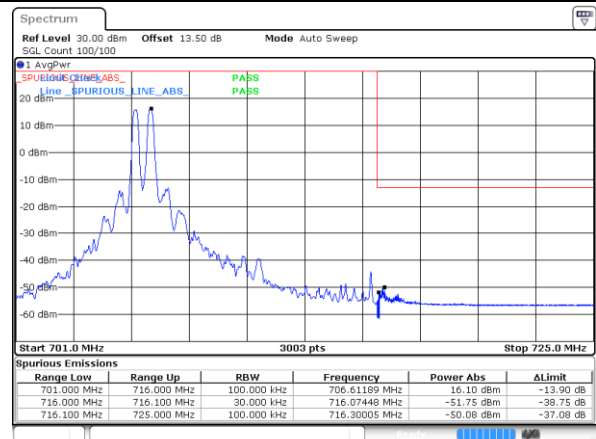
Highest Band Edge / 1RB0 and 1RB49



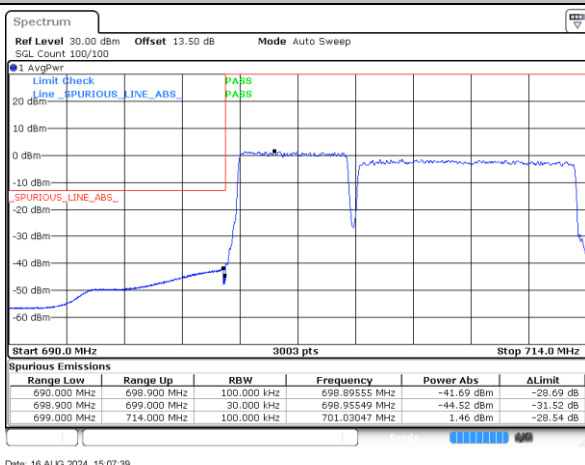
Lowest Band Edge / 1RB49 and 1RB0



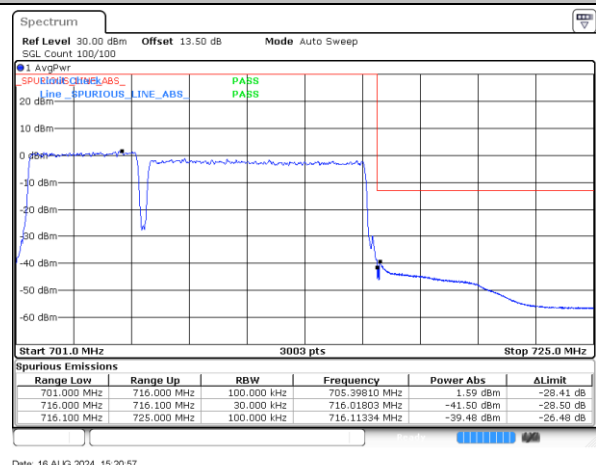
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

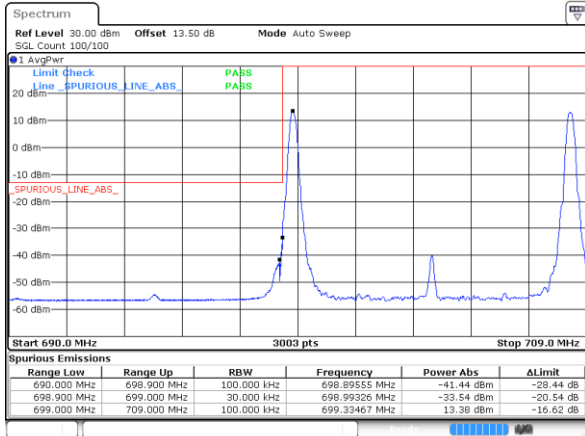




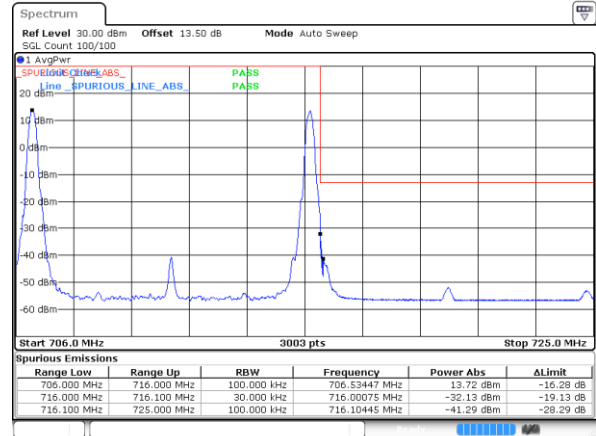
LTE Band 12B / 5MHz+5MHz

64QAM

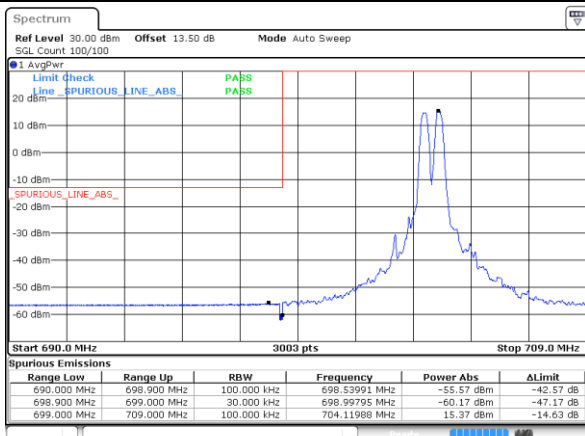
Lowest Band Edge / 1RB0 and 1RB24



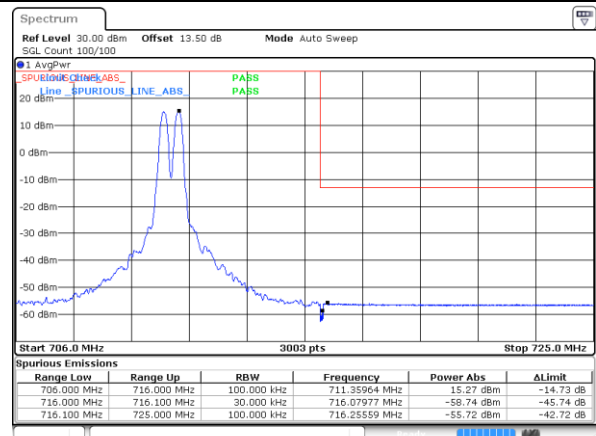
Highest Band Edge / 1RB0 and 1RB24



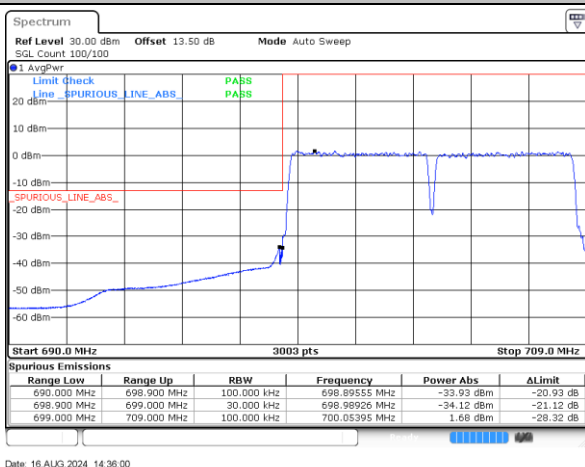
Lowest Band Edge / 1RB24 and 1RB0



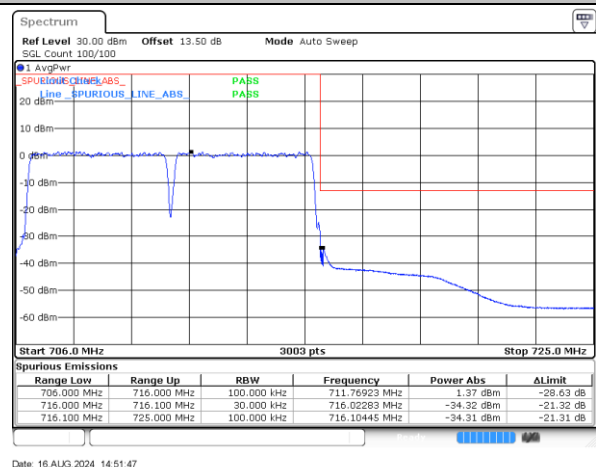
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

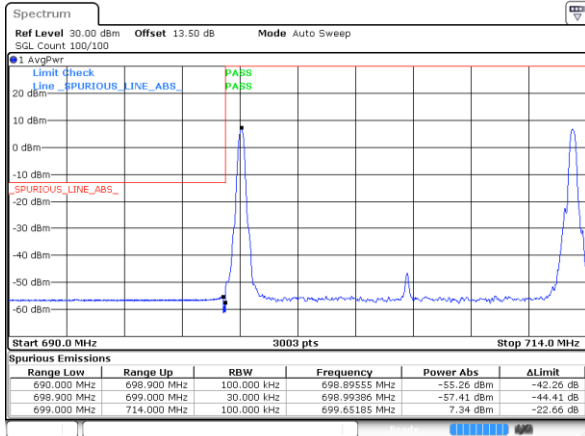




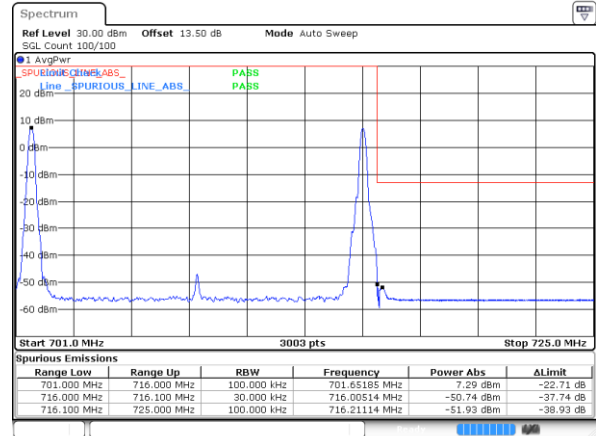
LTE Band 12B / 5MHz+10MHz

64QAM

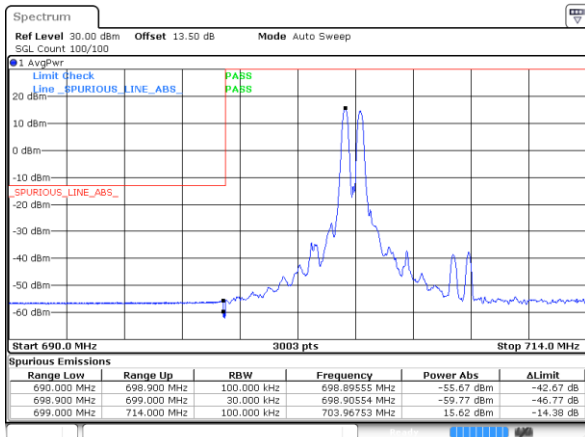
Lowest Band Edge / 1RB0 and 1RB49



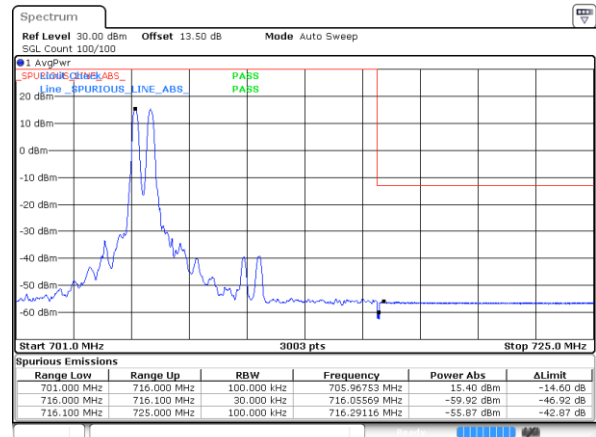
Highest Band Edge / 1RB0 and 1RB49



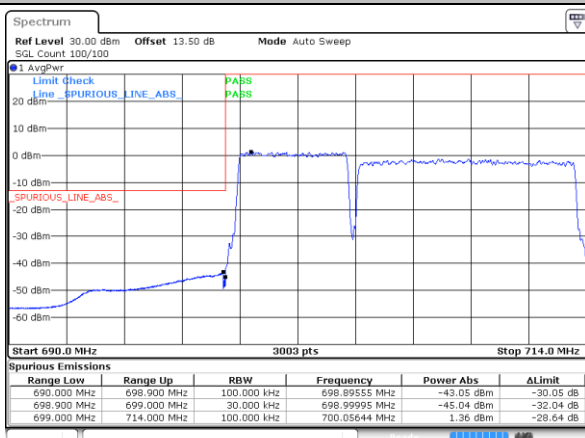
Lowest Band Edge / 1RB49 and 1RB0



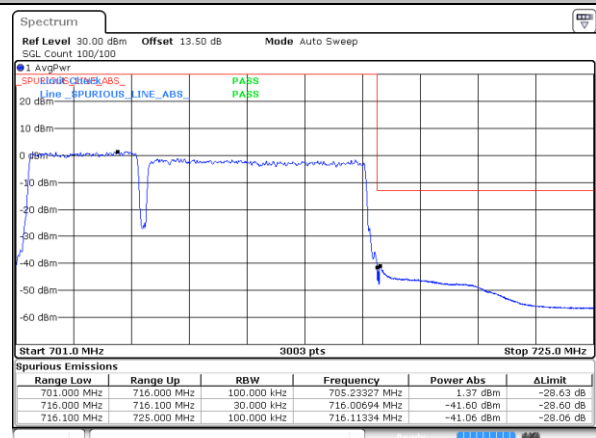
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





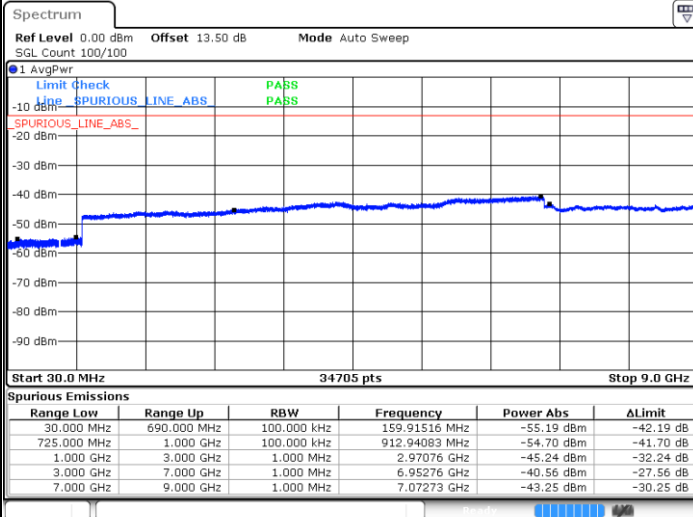
Conducted Spurious Emission

LTE Band 12B / 5MHz+5MHz

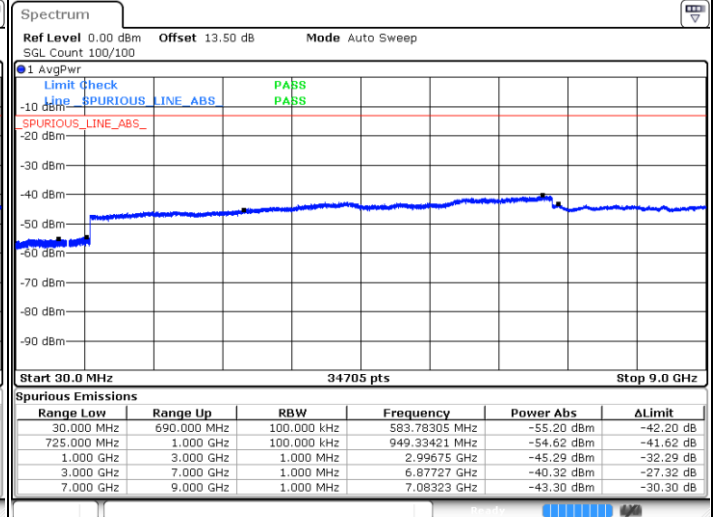
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

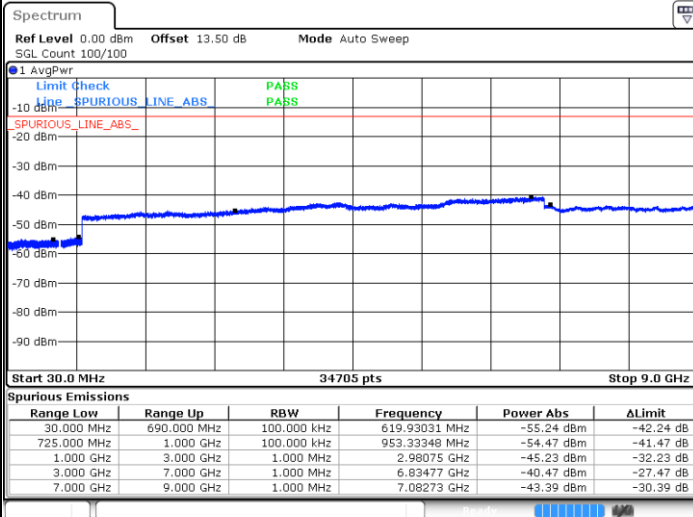


Date: 16 AUG 2024 14:28:02



Date: 16 AUG 2024 14:40:30

Highest Channel / 1RB24 and 1RB0



Date: 16 AUG 2024 14:43:50

NA

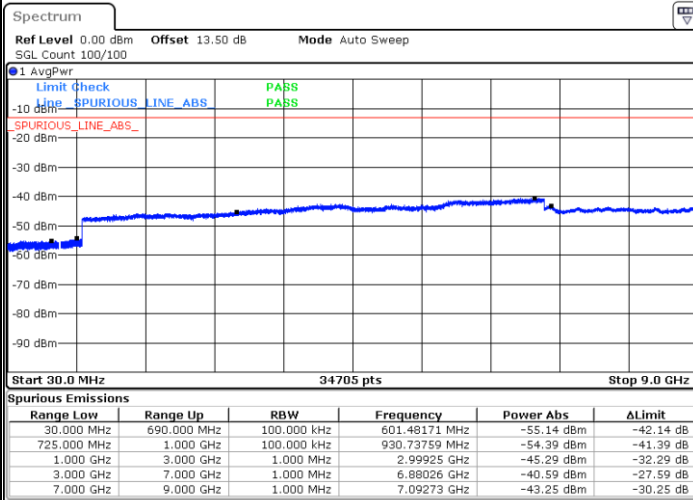


LTE Band 12B / 5MHz+10MHz

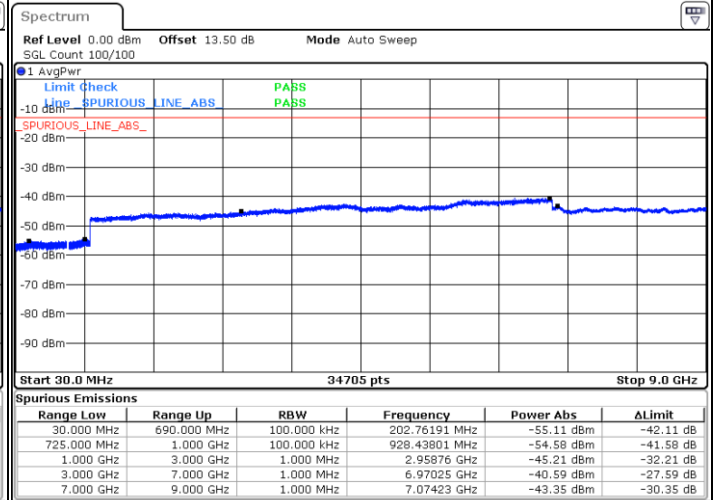
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

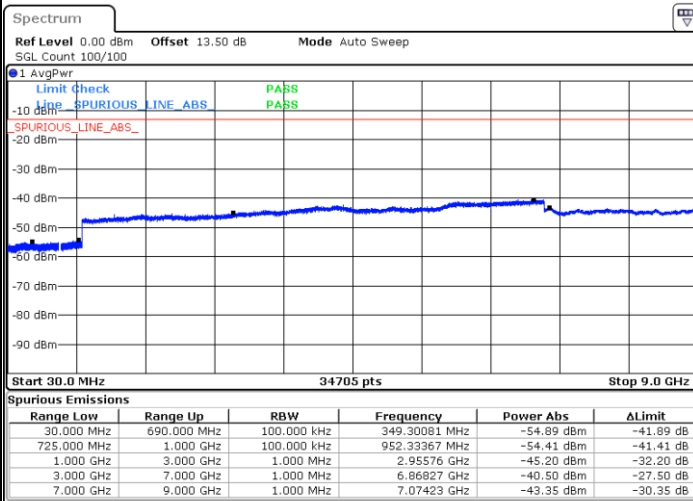


Date: 16 AUG 2024 15:00:21



Date: 16 AUG 2024 15:11:54

Highest Channel / 1RB49 and 1RB0



Date: 16 AUG 2024 15:13:40

NA



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 12 / 10MHz / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-65.43	-13	-52.43	-73.51	-68.68	4.00	9.40	H
	2109	-65.47	-13	-52.47	-75.23	-69.04	4.88	10.60	H
	2812	-64.01	-13	-51.01	-76.03	-68.94	5.52	12.60	H
	1406	-65.32	-13	-52.32	-73.48	-68.57	4.00	9.40	V
	2109	-64.92	-13	-51.92	-75.05	-68.49	4.88	10.60	V
	2812	-63.75	-13	-50.75	-76.01	-68.68	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-67.17	-42.15	-25.02	-73.95	-70.42	4.00	9.40	H
	2339.25	-65.03	-13	-52.03	-75.82	-68.60	4.88	10.60	H
	3119	-63.40	-13	-50.40	-76.29	-68.33	5.52	12.60	H
	1559.5	-65.83	-42.15	-23.68	-72.82	-69.08	4.00	9.40	V
	2339.25	-64.73	-13	-51.73	-75.91	-68.30	4.88	10.60	V
	3119	-62.81	-13	-49.81	-76.21	-67.74	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-66.81	-42.15	-24.66	-73.59	-70.06	4.00	9.40	H
	2339.25	-65.14	-13	-52.14	-75.93	-68.71	4.88	10.60	H
	3119	-63.59	-13	-50.59	-76.48	-68.52	5.52	12.60	H
	1559.5	-66.81	-42.15	-24.66	-73.80	-70.06	4.00	9.40	V
	2339.25	-64.62	-13	-51.62	-75.80	-68.19	4.88	10.60	V
	3119	-63.09	-13	-50.09	-76.49	-68.02	5.52	12.60	V

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



LTE Band 26 / 15MHz / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1649.5	-67.61	-13	-54.61	-73.87	-70.86	4.00	9.40	H
	2474.25	-65.13	-13	-52.13	-75.48	-68.70	4.88	10.60	H
	3299	-63.98	-13	-50.98	-76.39	-68.91	5.52	12.60	H
	1649.5	-67.42	-13	-54.42	-73.56	-70.67	4.00	9.40	V
	2474.25	-64.78	-13	-51.78	-75.48	-68.35	4.88	10.60	V
	3299	-63.21	-13	-50.21	-76.07	-68.14	5.52	12.60	V

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

LTE Band 71 / 20MHz / QPSK_Ant1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1343	-65.76	-13	-52.76	-72.78	-69.01	4.00	9.40	H
	2014.5	-65.92	-13	-52.92	-74.03	-69.49	4.88	10.60	H
	2686	-64.18	-13	-51.18	-75.24	-69.11	5.52	12.60	H
	1343	-65.80	-13	-52.80	-72.77	-69.05	4.00	9.40	V
	2014.5	-65.66	-13	-52.66	-74.19	-69.23	4.88	10.60	V
	2686	-64.37	-13	-51.37	-75.73	-69.30	5.52	12.60	V

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

LTE Band 5B / 10MHz+10MH / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1673.1	-68.06	-13	-55.06	-74.28	-71.31	4.00	9.40	H
	2509.65	-65.47	-13	-52.47	-75.72	-69.04	4.88	10.60	H
	3346.2	-64.81	-13	-51.81	-76.84	-69.74	5.52	12.60	H
	1673.1	-68.27	-13	-55.27	-74.22	-71.52	4.00	9.40	V
	2509.65	-65.47	-13	-52.47	-76.05	-69.04	4.88	10.60	V
	3346.2	-64.36	-13	-51.36	-76.77	-69.29	5.52	12.60	V

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

LTE Band 12B / 5MHz+10MH / QPSK_Ant8									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408.25	-65.62	-13	-52.62	-73.67	-68.87	4.00	9.40	H
	2112.375	-65.47	-13	-52.47	-75.31	-69.04	4.88	10.60	H
	2816.5	-63.94	-13	-50.94	-75.96	-68.87	5.52	12.60	H
	1408.25	-65.29	-13	-52.29	-73.42	-68.54	4.00	9.40	V
	2112.375	-64.95	-13	-51.95	-75.16	-68.52	4.88	10.60	V
	2816.5	-64.09	-13	-51.09	-76.36	-69.02	5.52	12.60	V

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