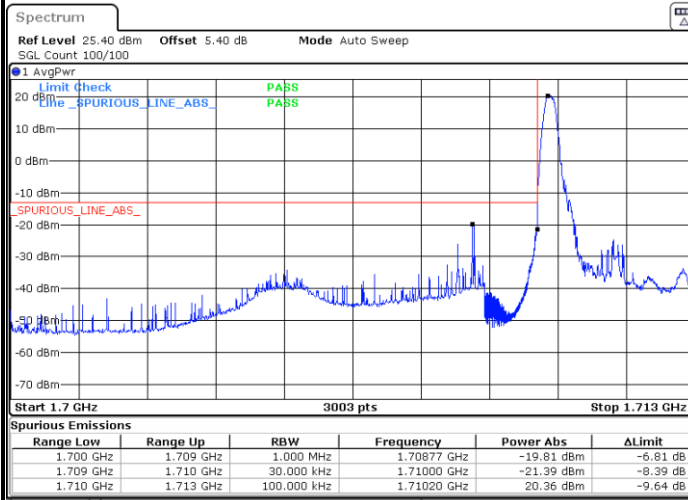


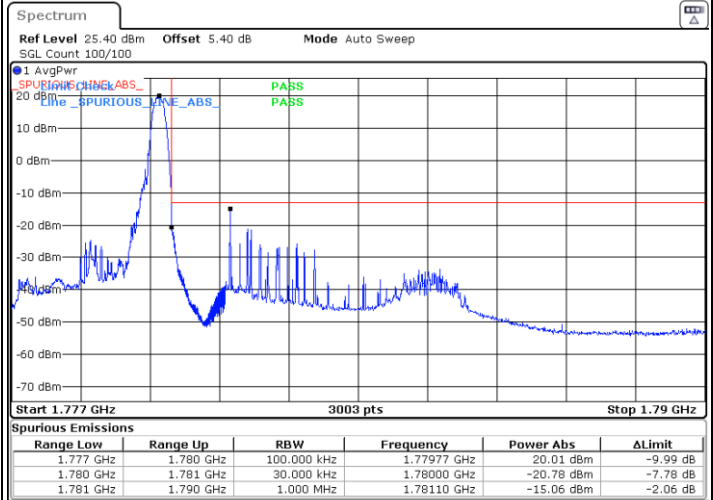


LTE Band 66 / 3MHz / 16QAM

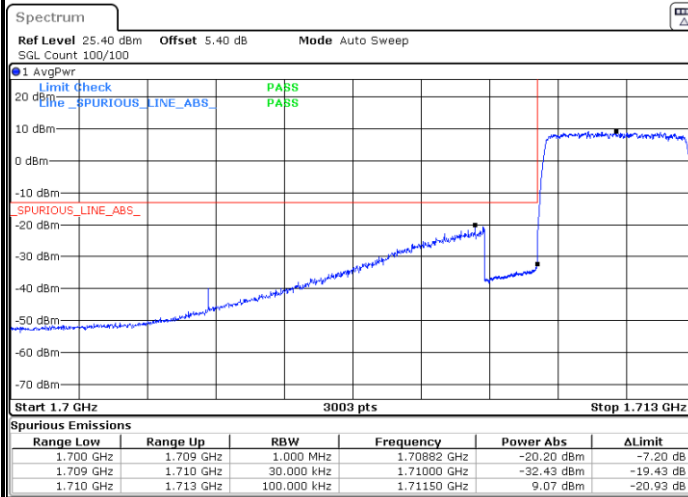
Lowest Band Edge / 1 RB



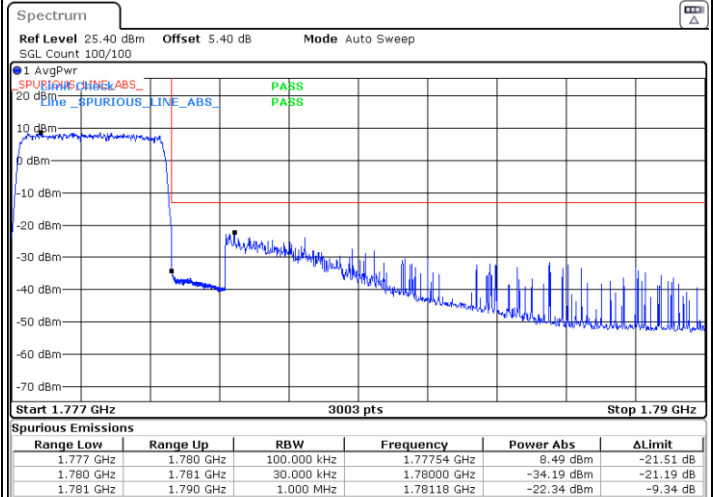
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



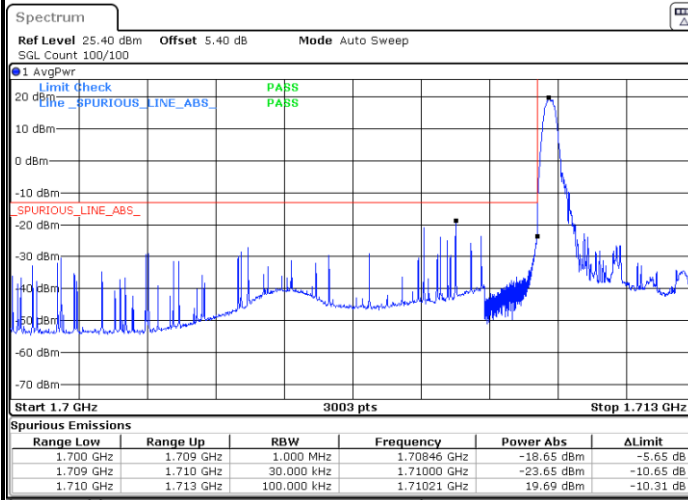
Highest Band Edge / Full RB



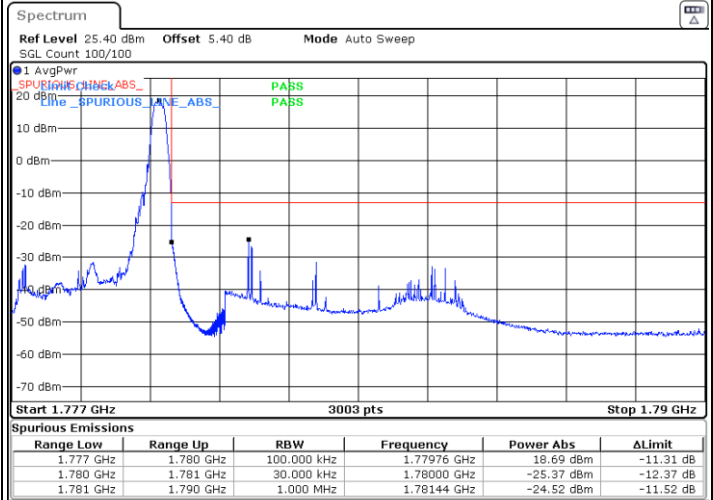


LTE Band 66 / 3MHz / 64QAM

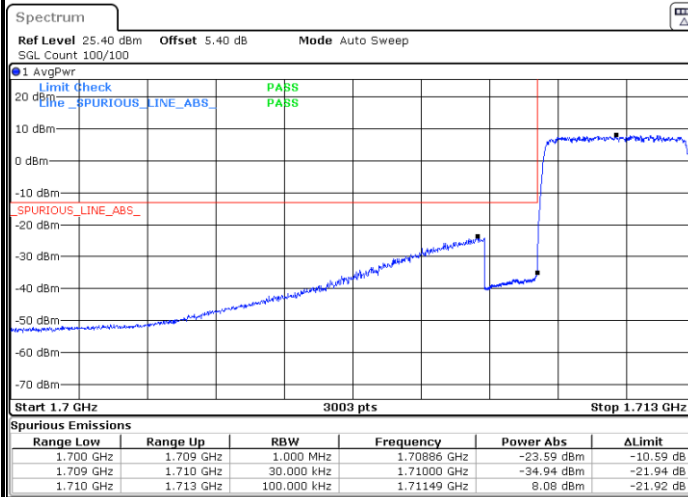
Lowest Band Edge / 1 RB



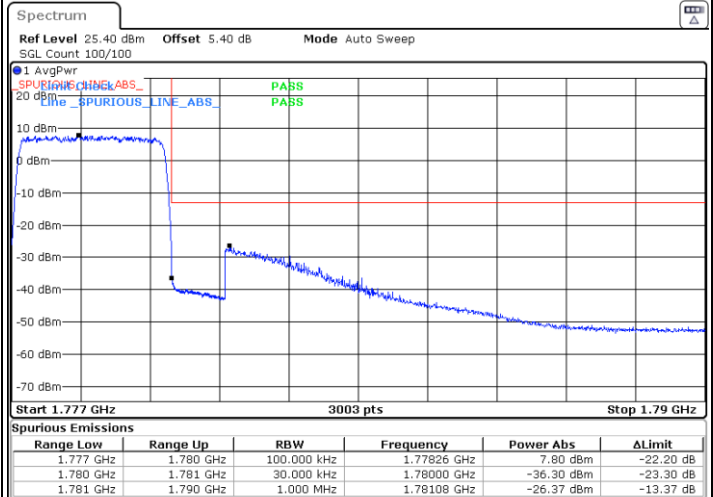
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



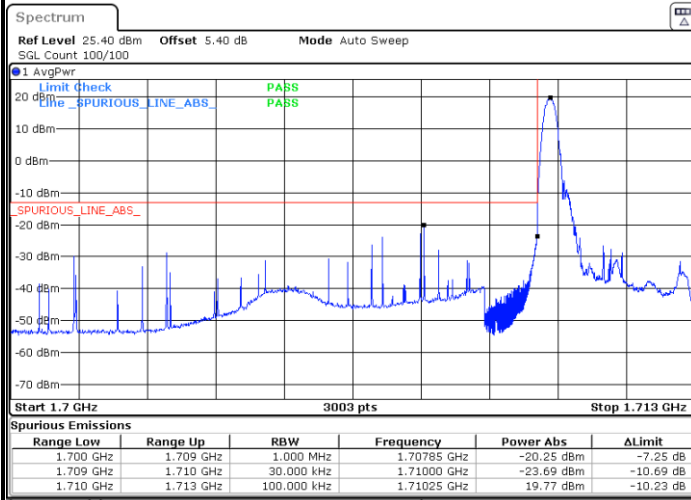
Highest Band Edge / Full RB



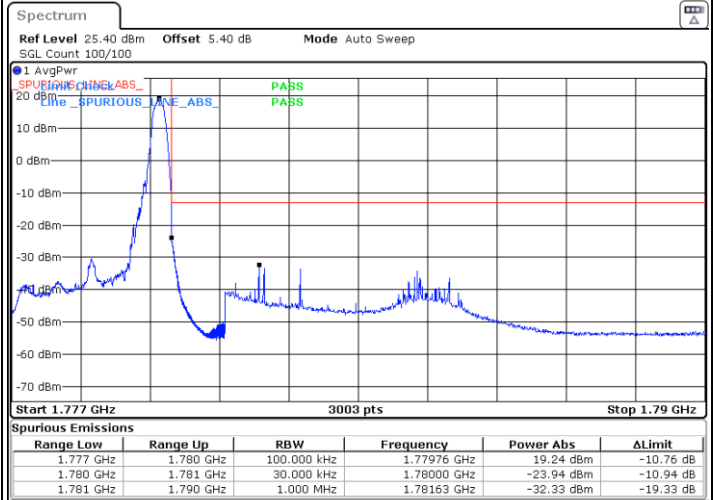


LTE Band 66 / 3MHz / 256QAM

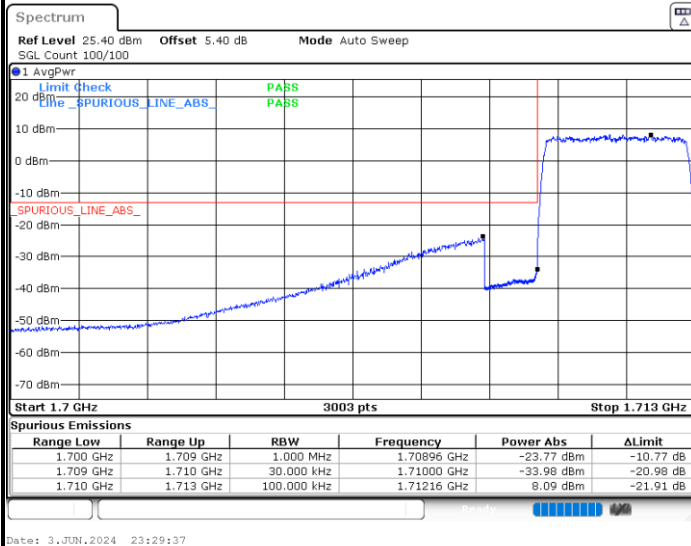
Lowest Band Edge / 1 RB



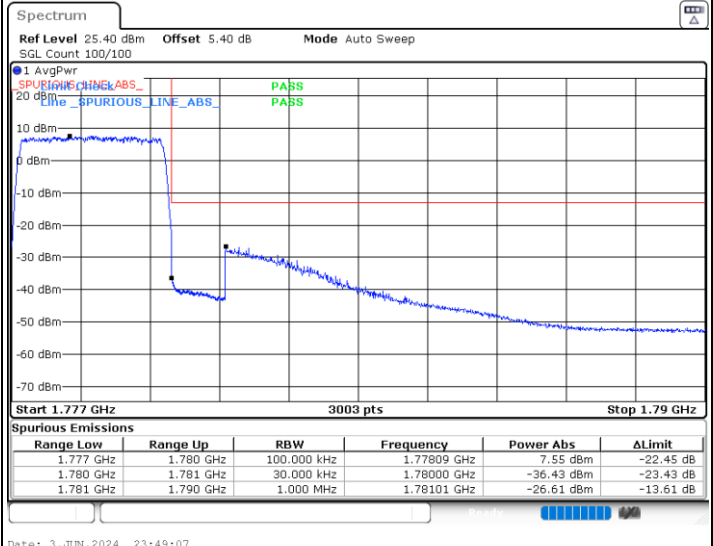
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



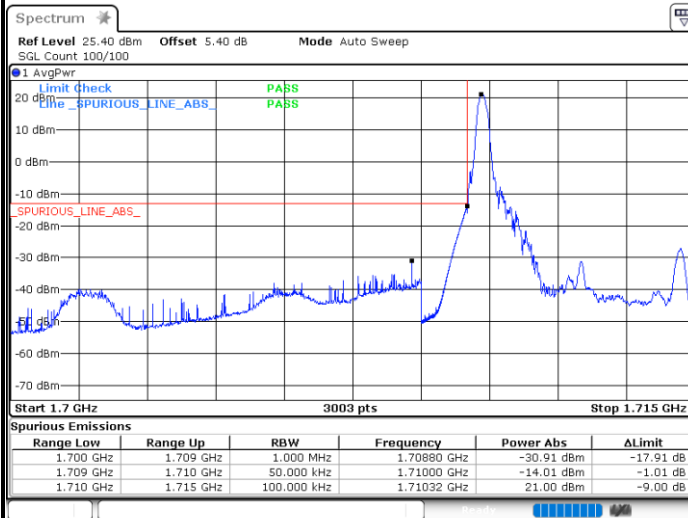
Highest Band Edge / Full RB





LTE Band 66 / 5MHz / QPSK

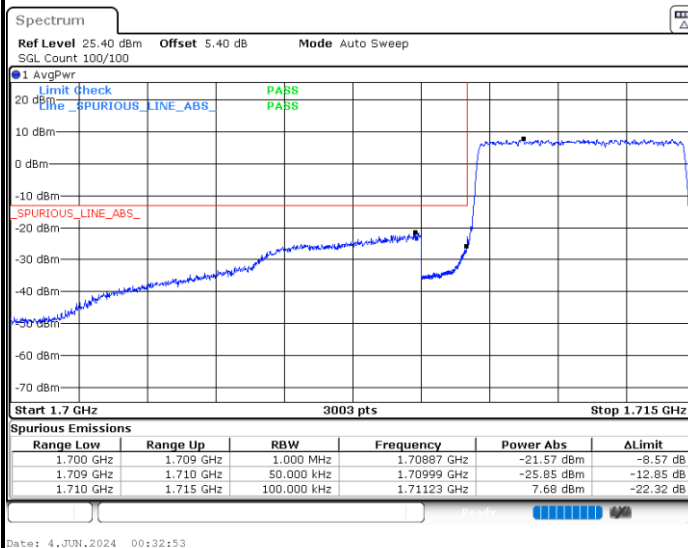
Lowest Band Edge / 1 RB



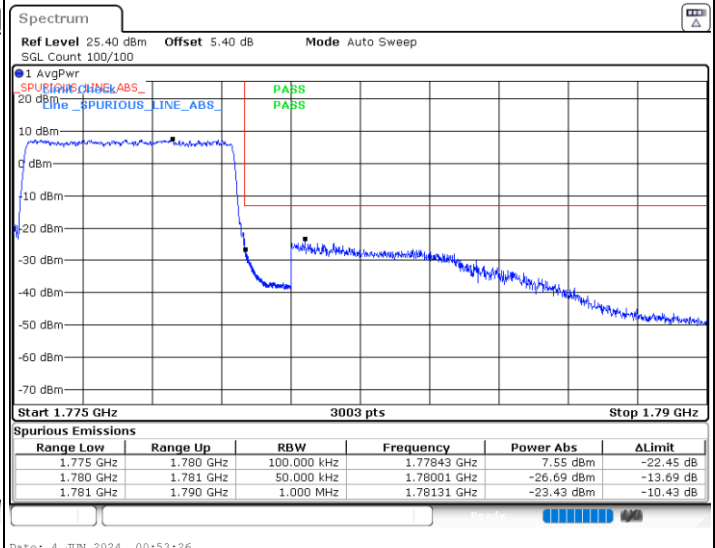
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



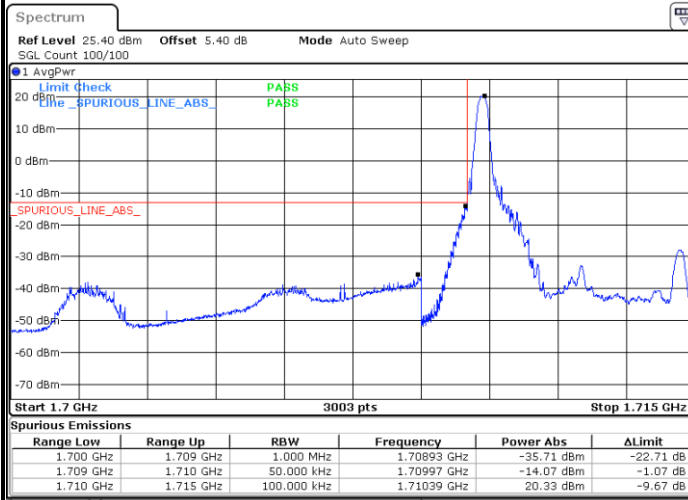
Highest Band Edge / Full RB



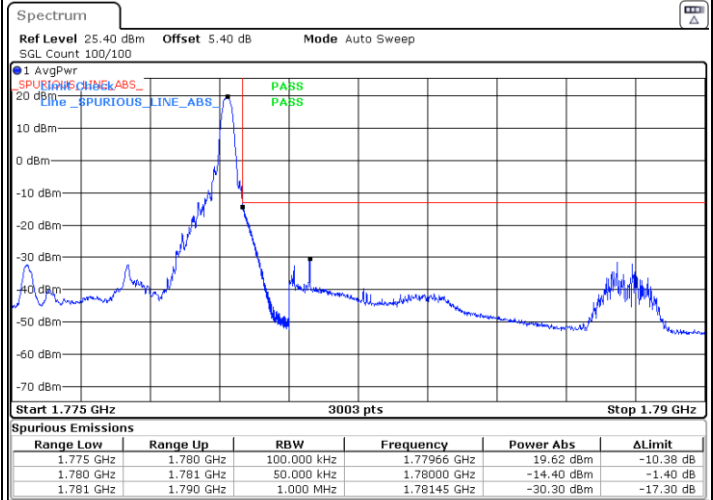


LTE Band 66 / 5MHz / 16QAM

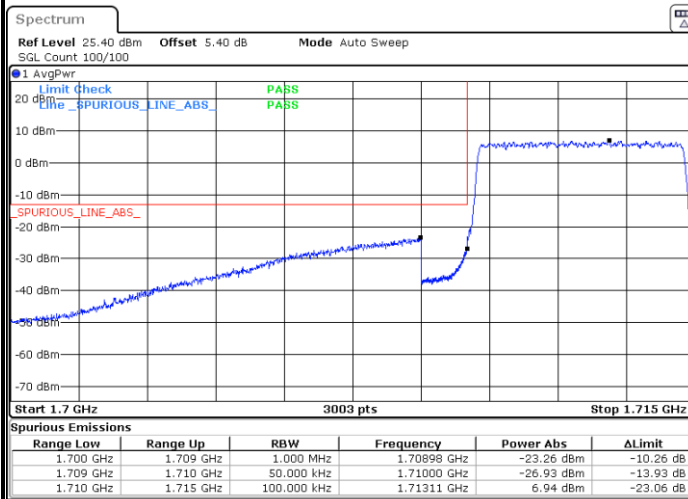
Lowest Band Edge / 1RB



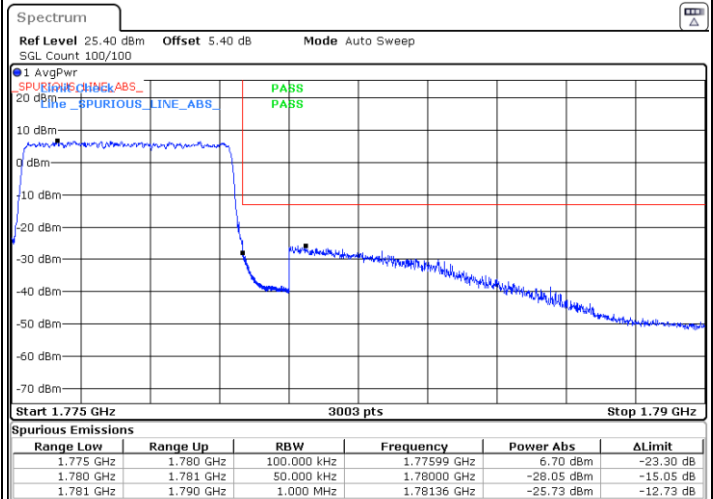
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



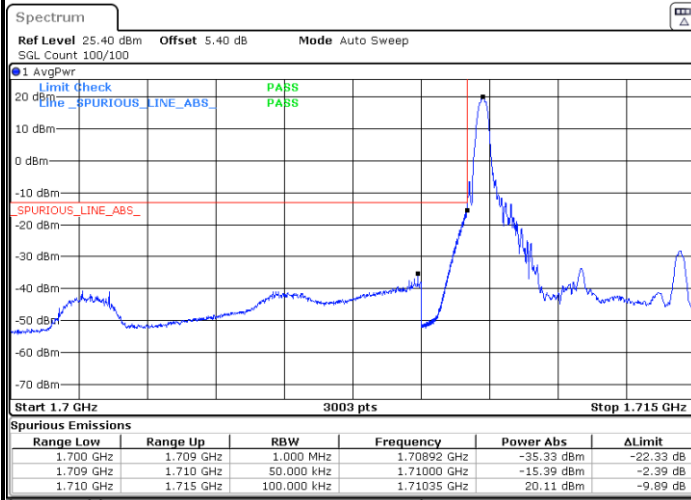
Highest Band Edge / Full RB



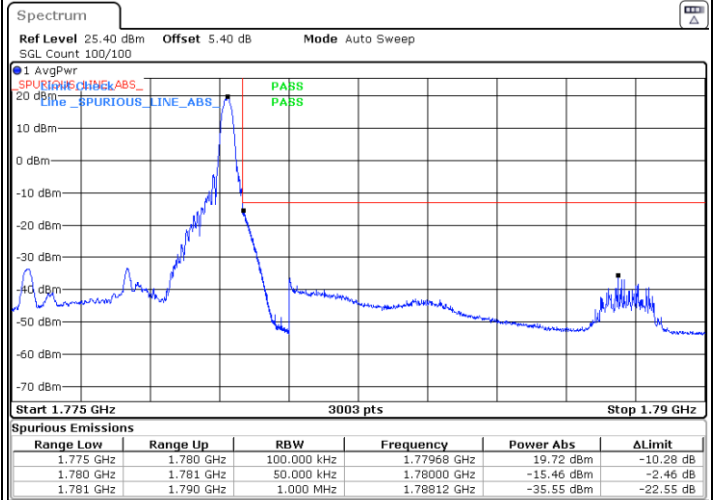


LTE Band 66 / 5MHz / 64QAM

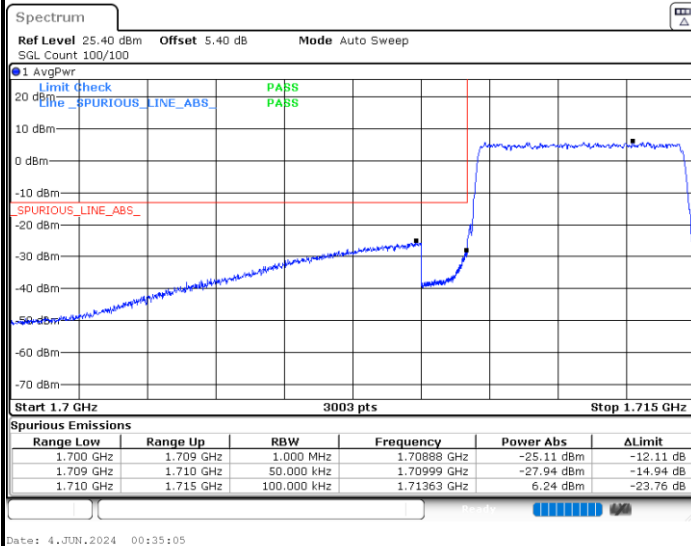
Lowest Band Edge / 1RB



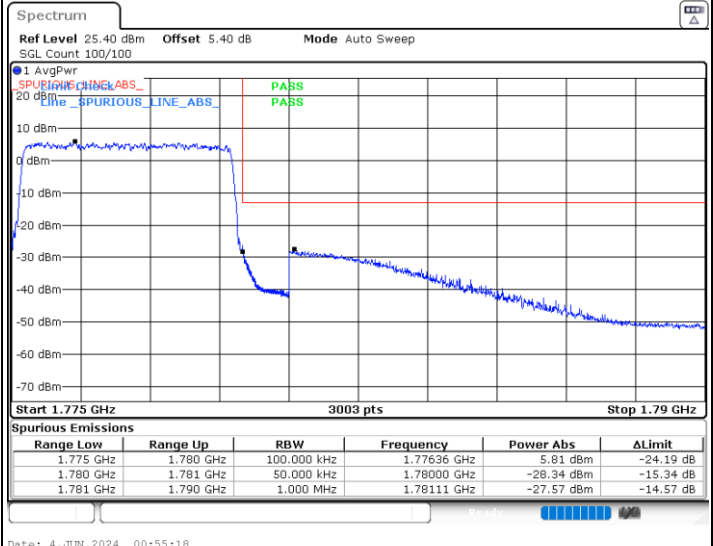
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



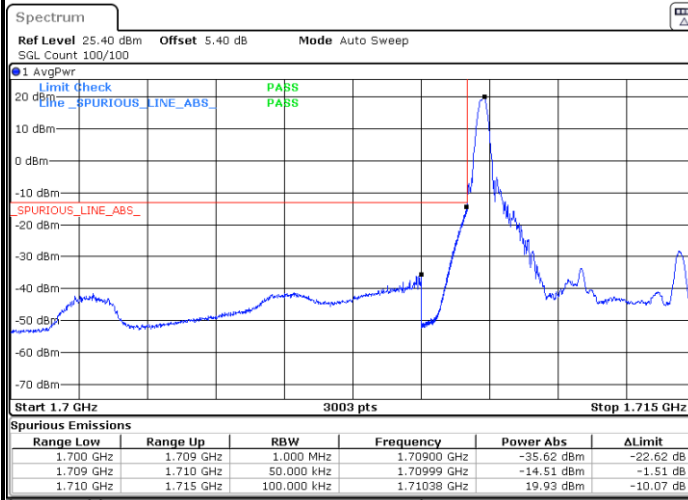
Highest Band Edge / Full RB



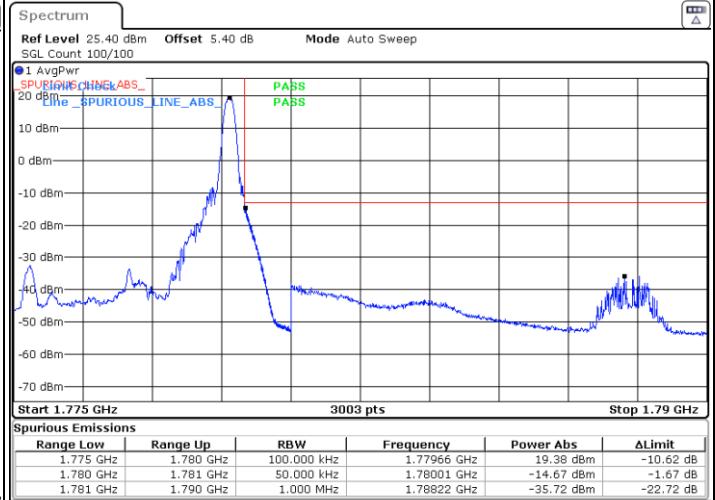


LTE Band 66 / 5MHz / 256QAM

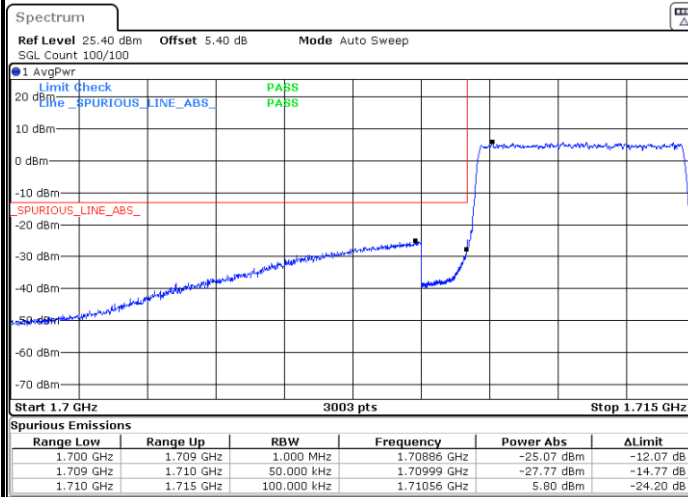
Lowest Band Edge / 1RB



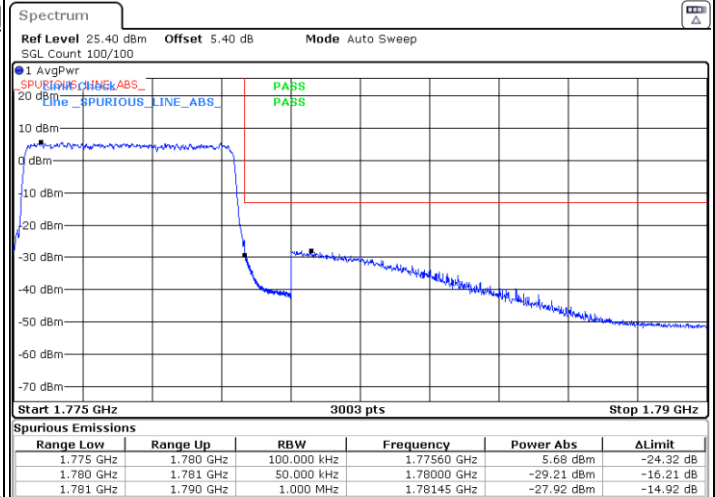
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



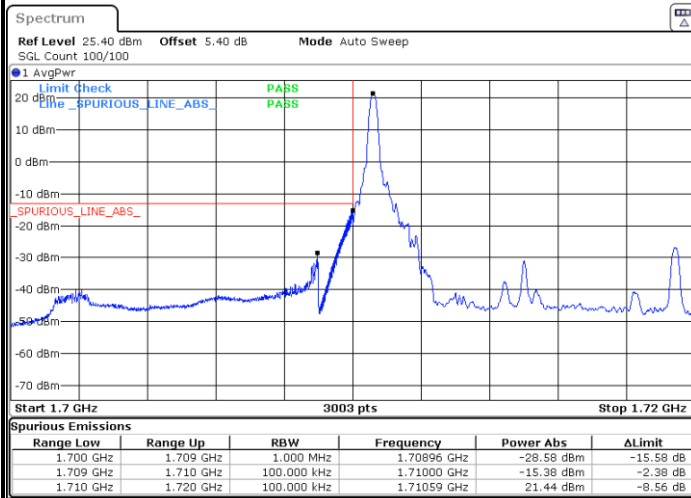
Highest Band Edge / Full RB



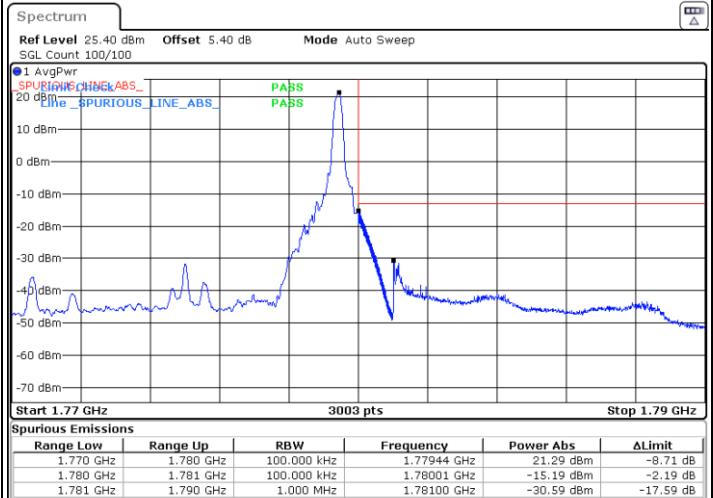


LTE Band 66 / 10MHz / QPSK

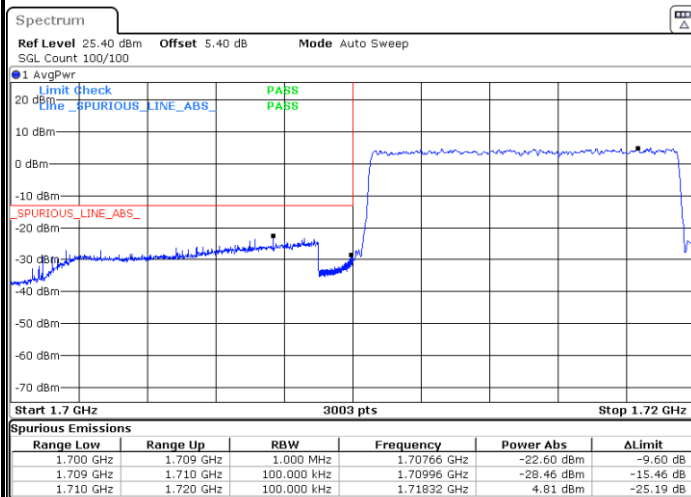
Lowest Band Edge / 1 RB



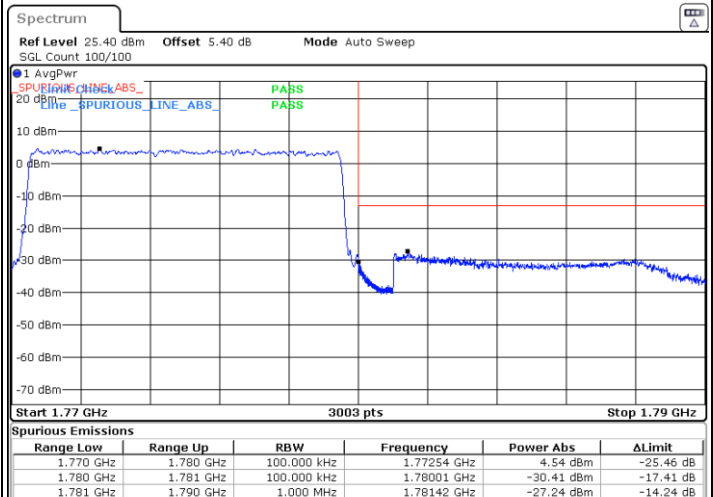
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



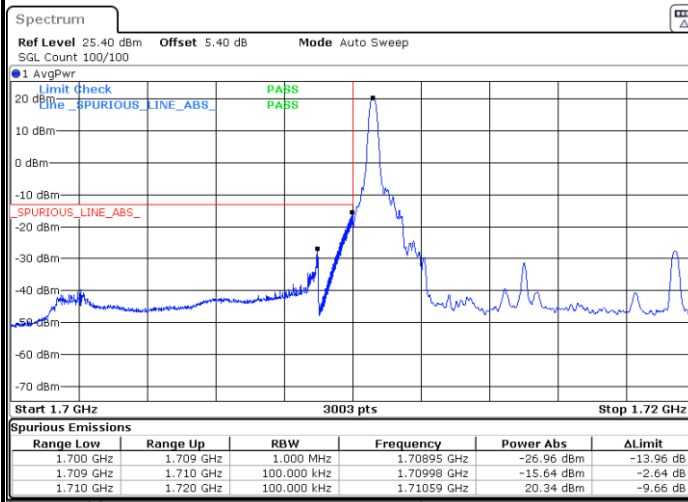
Highest Band Edge / Full RB



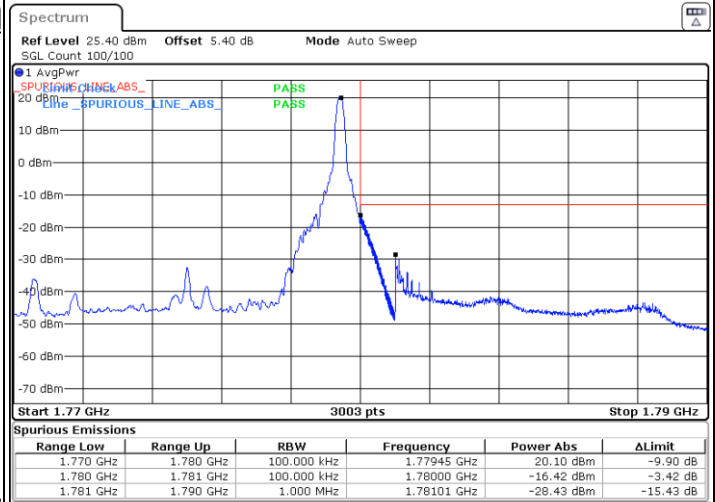


LTE Band 66 / 10MHz / 16QAM

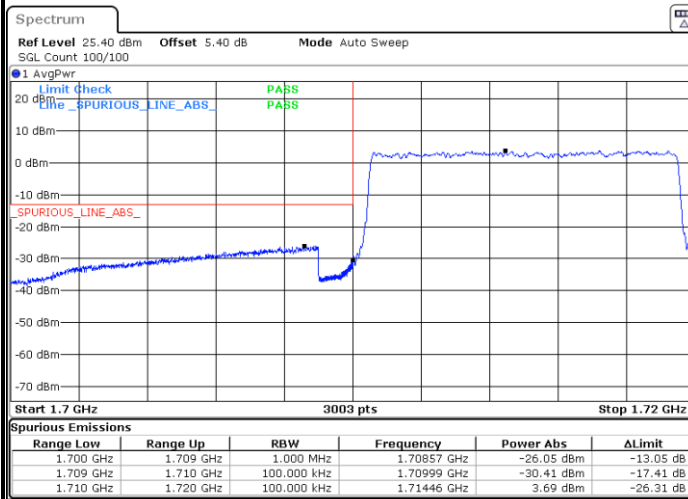
Lowest Band Edge / 1 RB



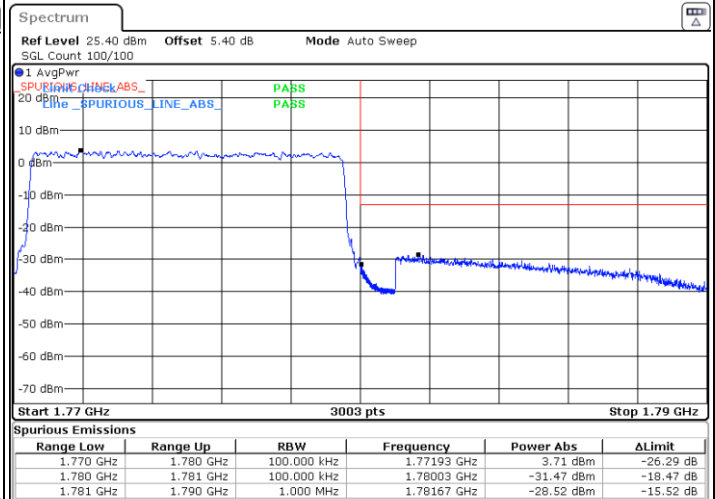
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



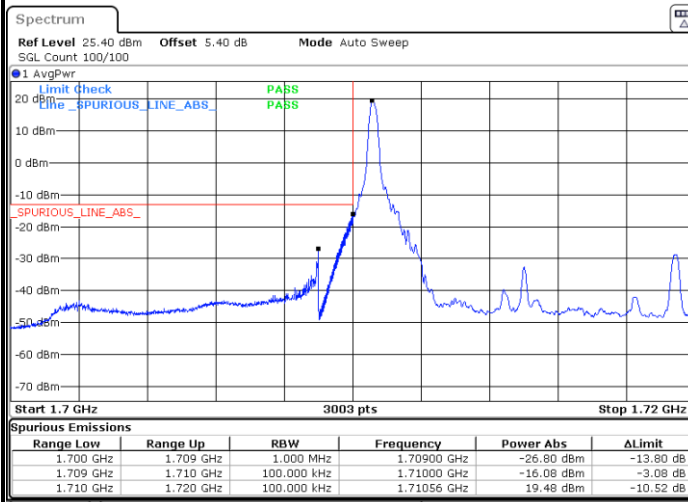
Highest Band Edge / Full RB



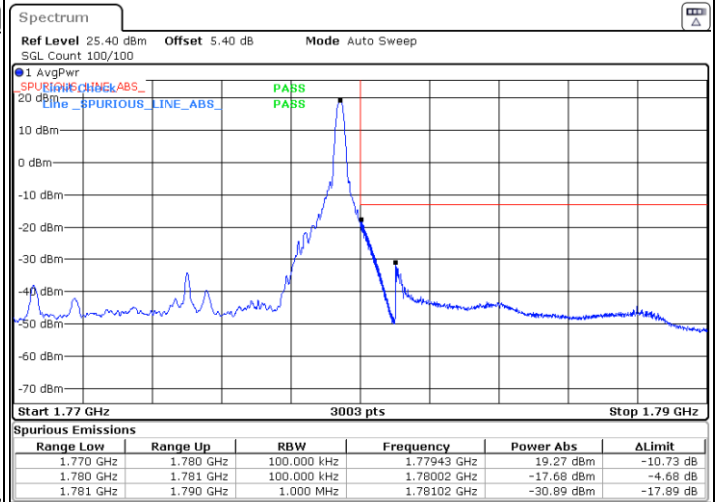


LTE Band 66 / 10MHz / 64QAM

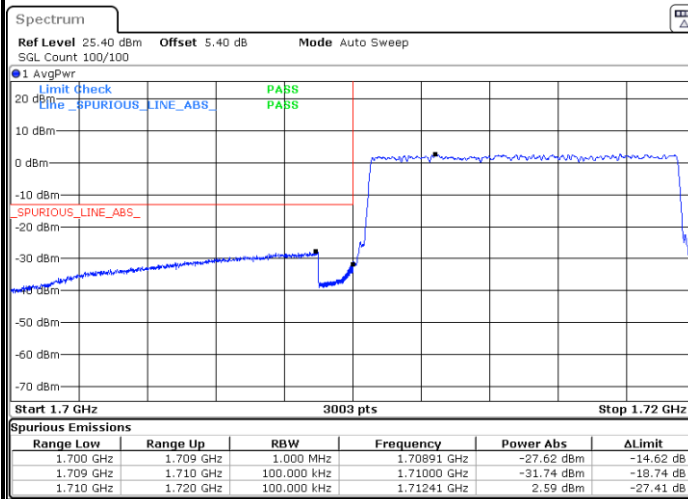
Lowest Band Edge / 1 RB



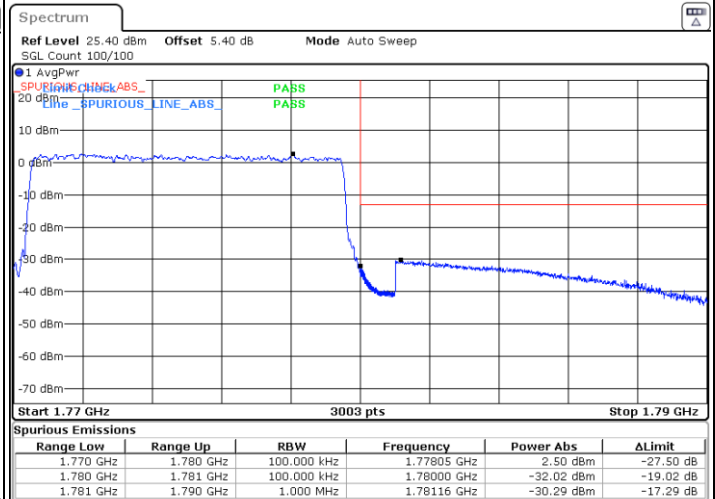
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



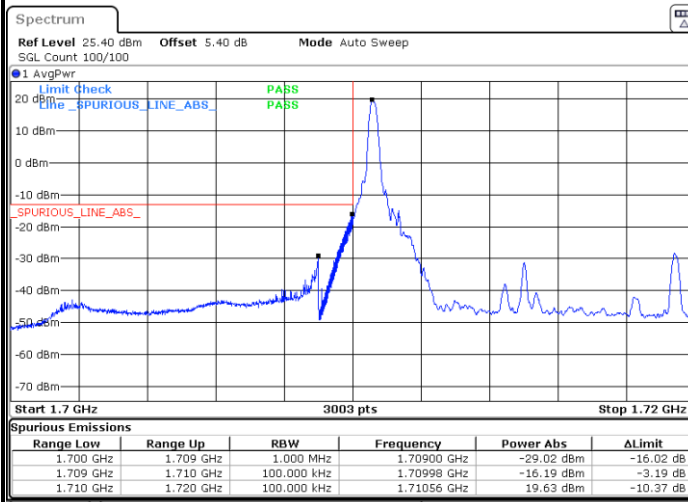
Highest Band Edge / Full RB



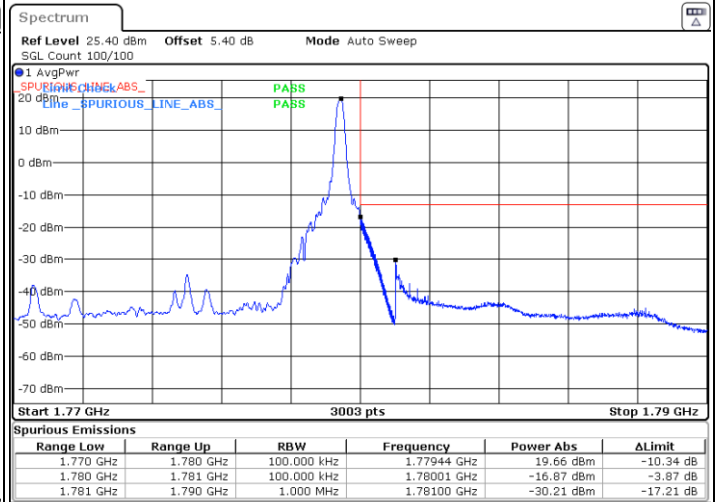


LTE Band 66 / 10MHz / 256QAM

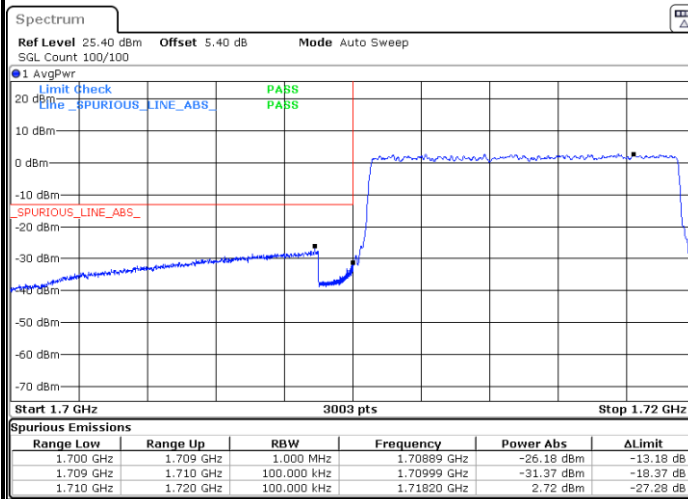
Lowest Band Edge / 1 RB



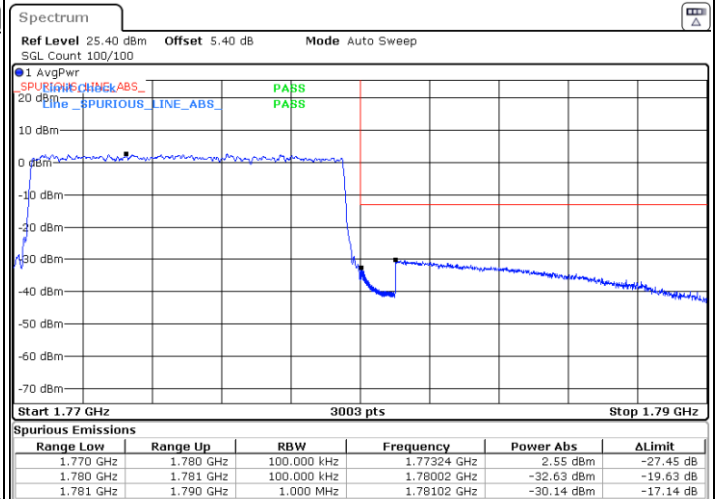
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



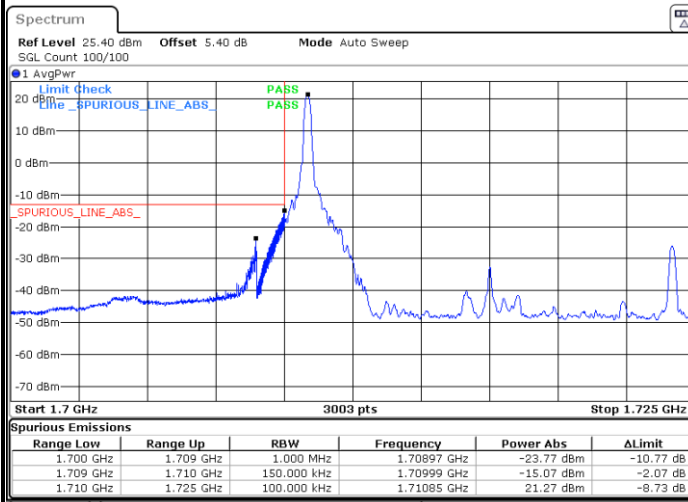
Highest Band Edge / Full RB



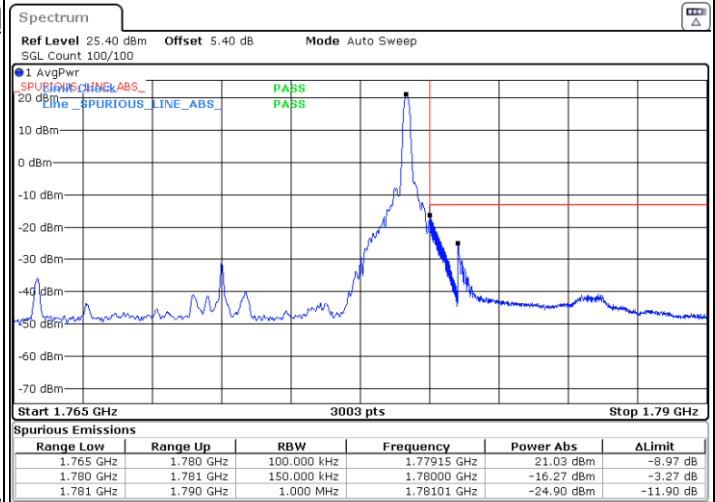


LTE Band 66 / 15MHz / QPSK

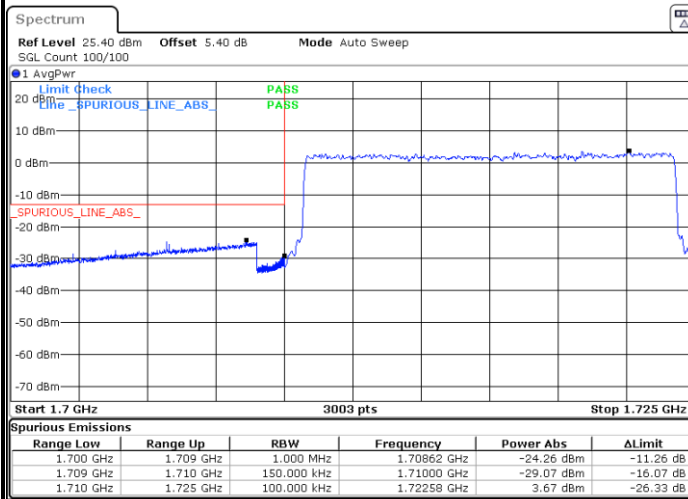
Lowest Band Edge / 1 RB



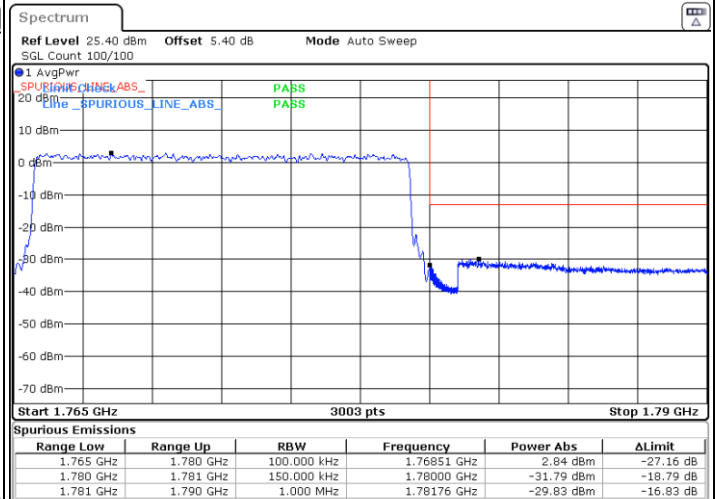
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



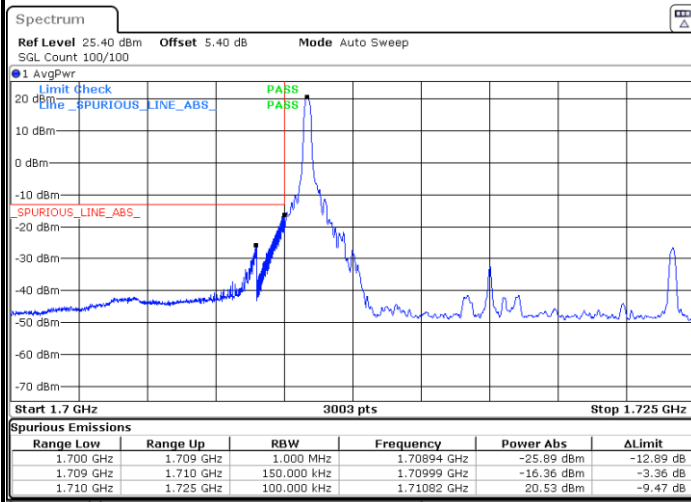
Highest Band Edge / Full RB



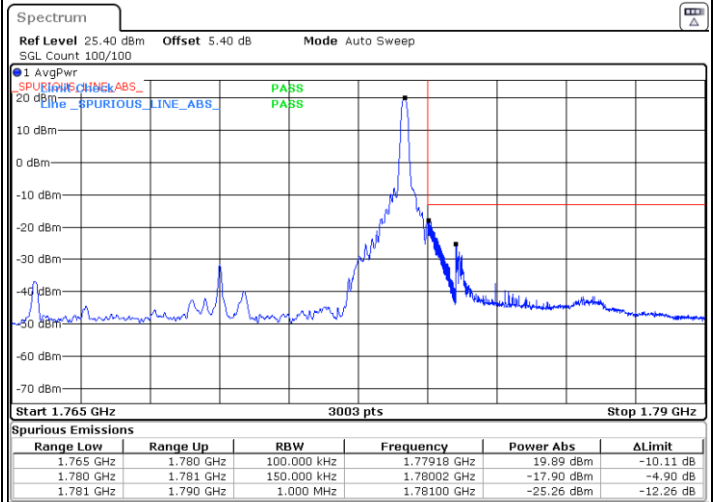


LTE Band 66 / 15MHz / 16QAM

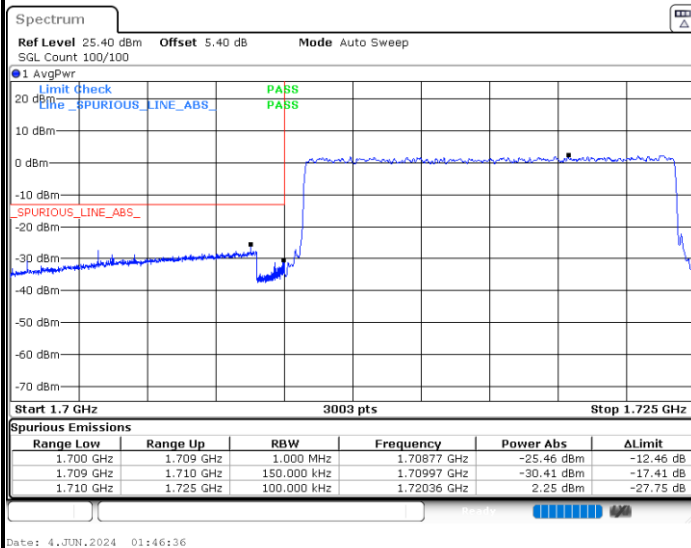
Lowest Band Edge / 1 RB



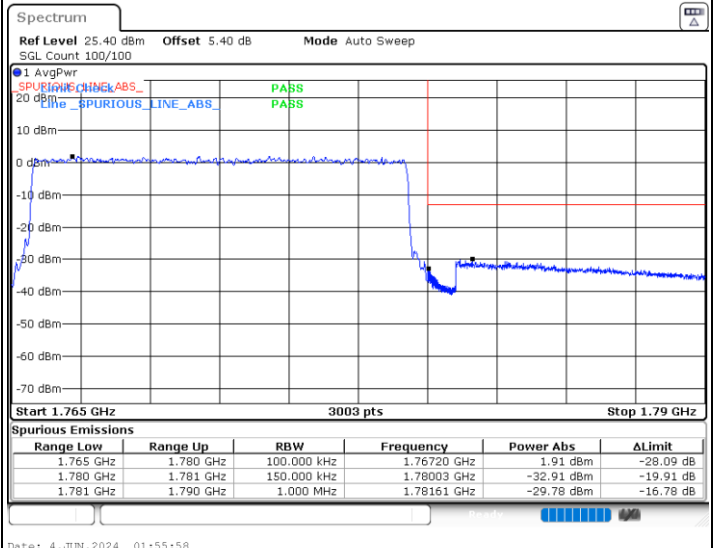
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



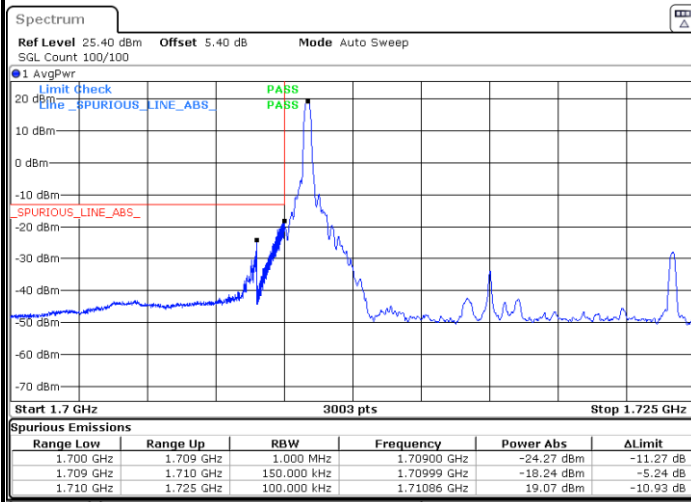
Highest Band Edge / Full RB



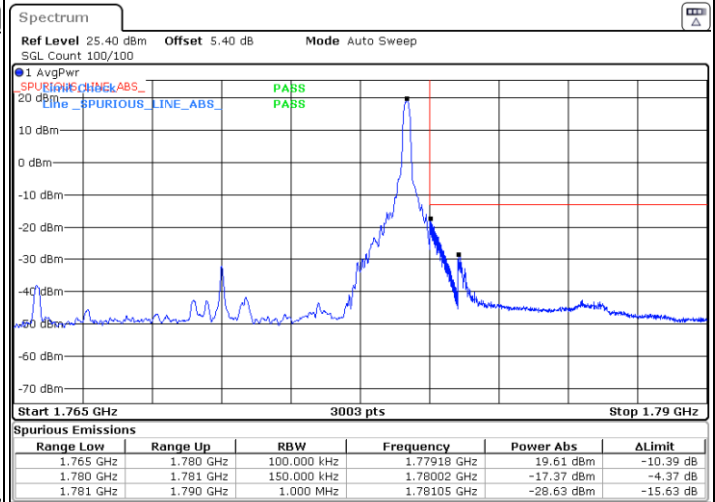


LTE Band 66 / 15MHz / 64QAM

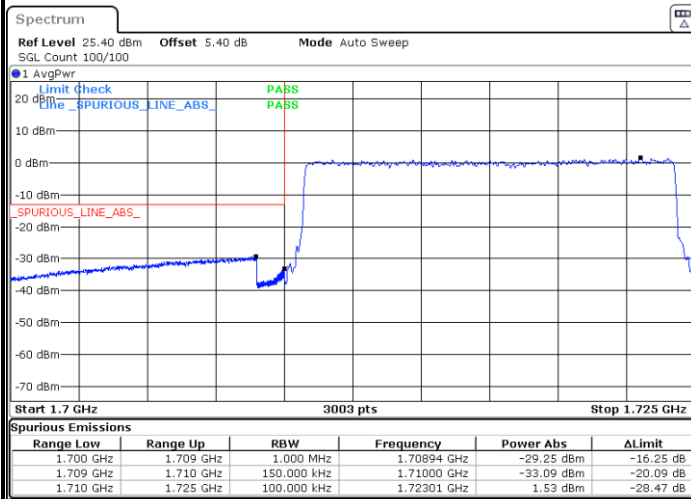
Lowest Band Edge / 1 RB



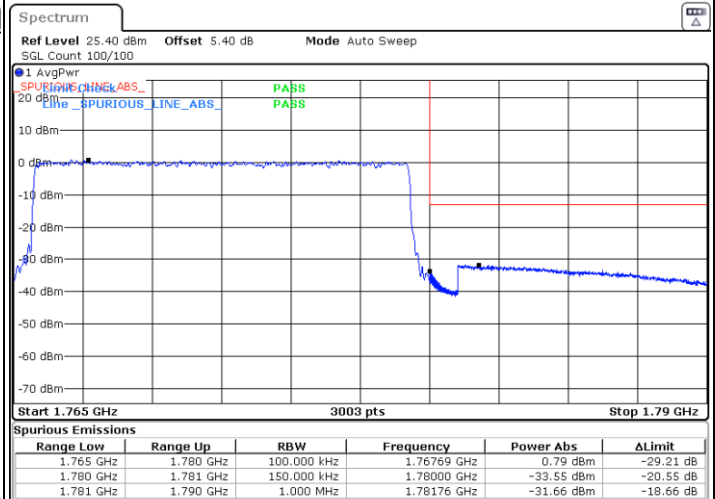
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



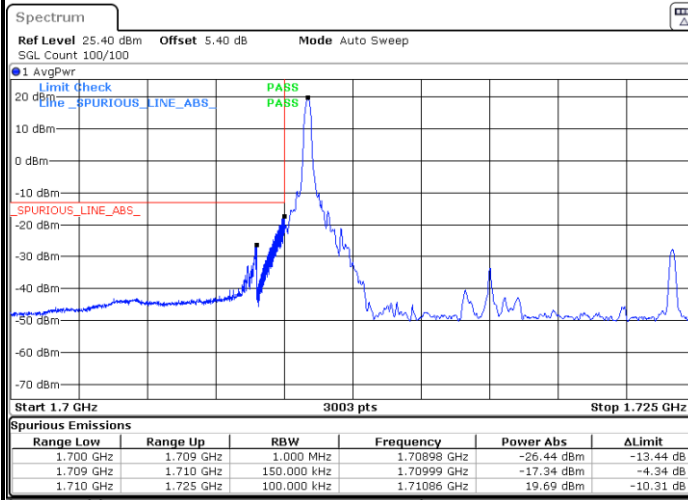
Highest Band Edge / Full RB



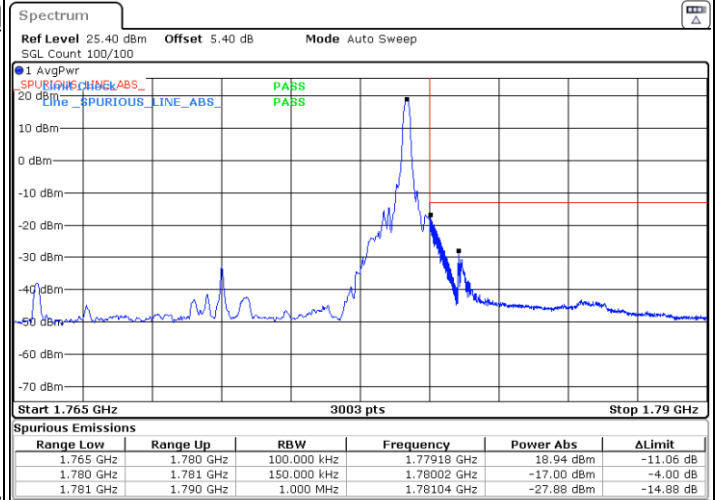


LTE Band 66 / 15MHz / 256QAM

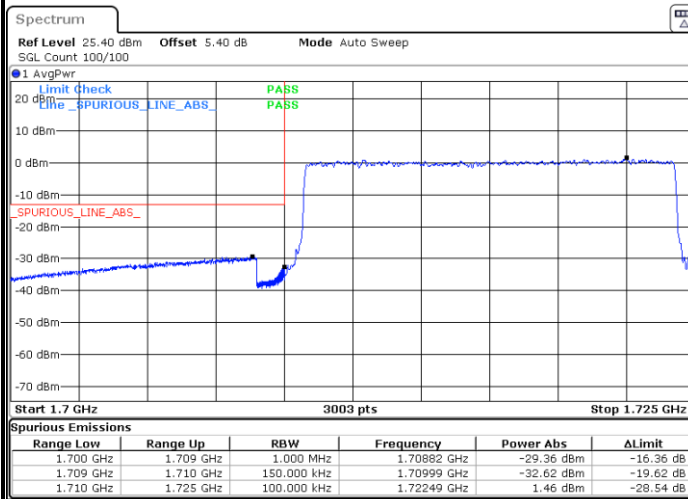
Lowest Band Edge / 1 RB



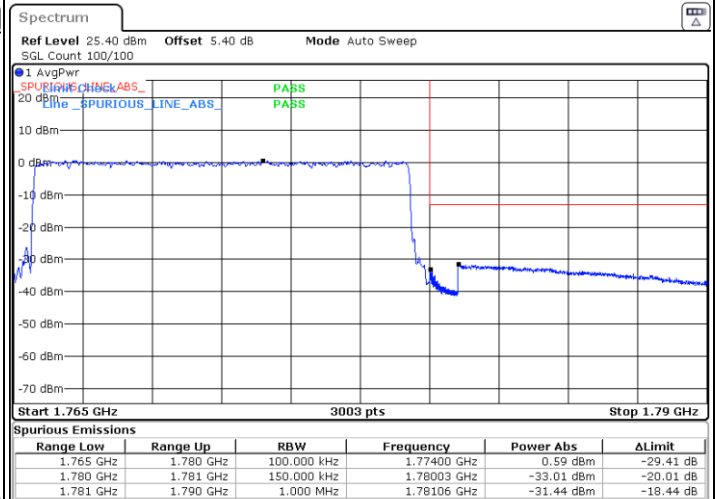
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



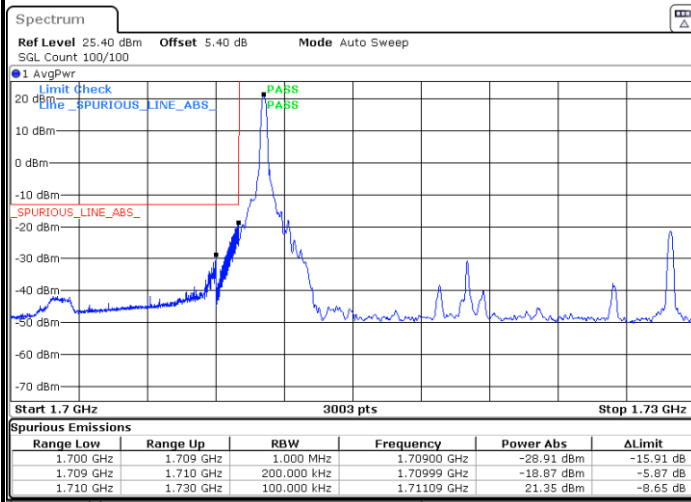
Highest Band Edge / Full RB



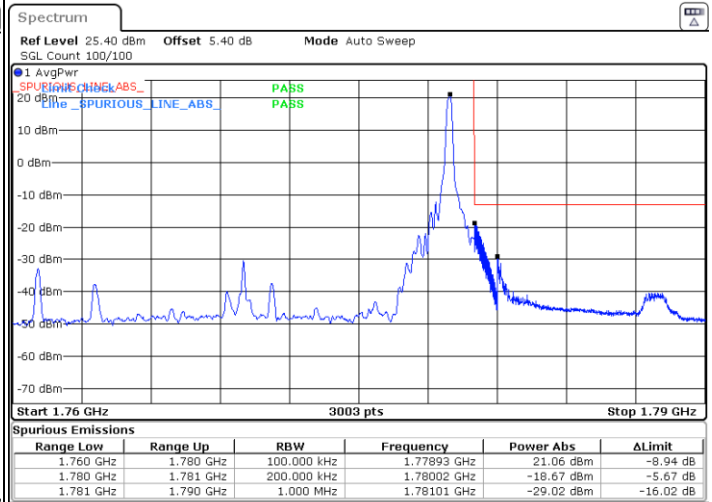


LTE Band 66 / 20MHz / QPSK

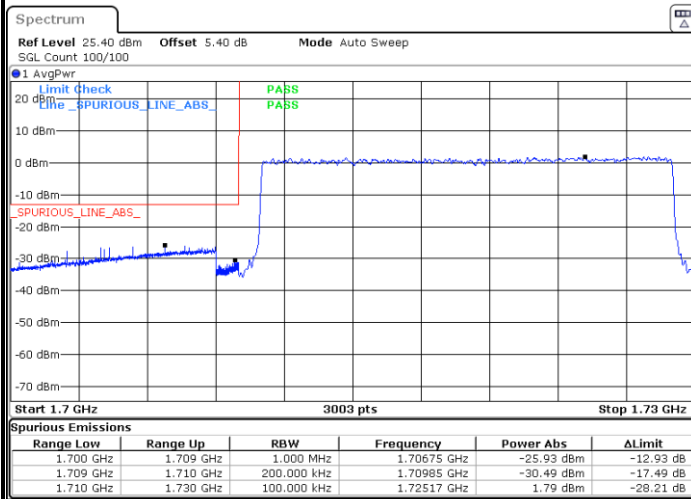
Lowest Band Edge / 1 RB



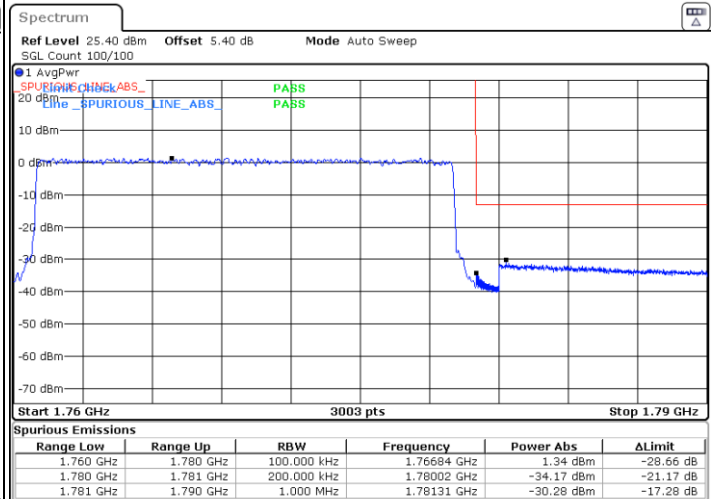
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



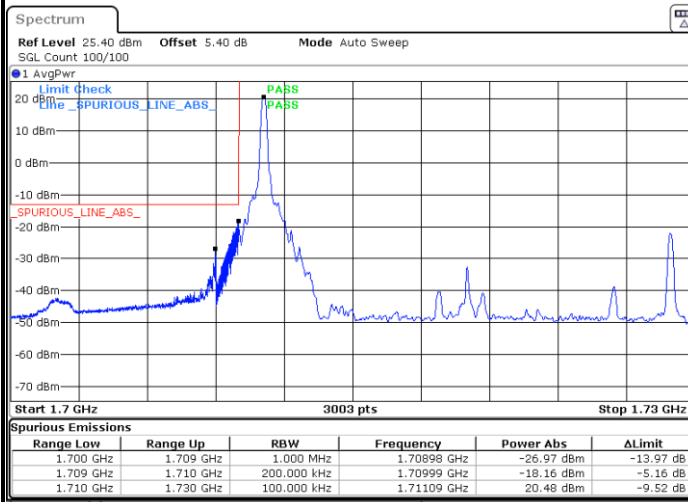
Highest Band Edge / Full RB



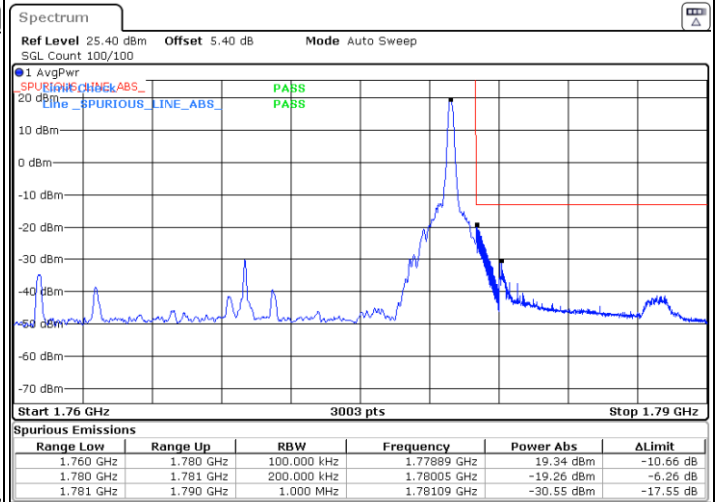


LTE Band 66 / 20MHz / 16QAM

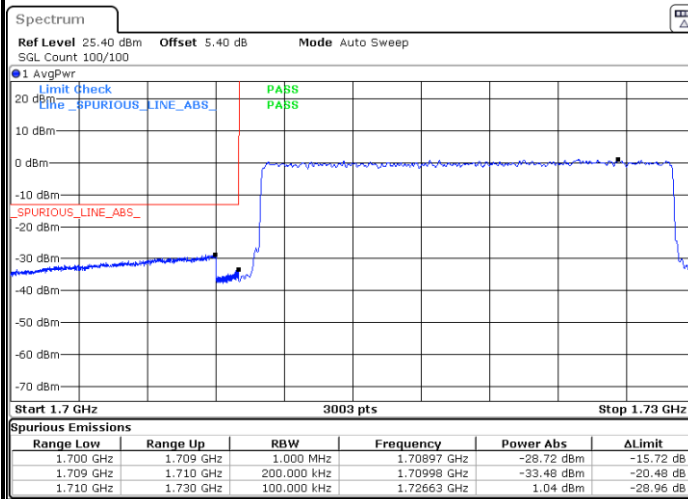
Lowest Band Edge / 1 RB



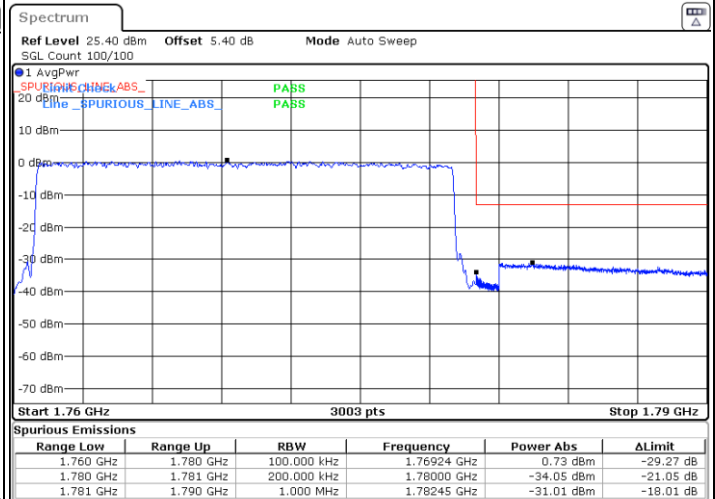
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



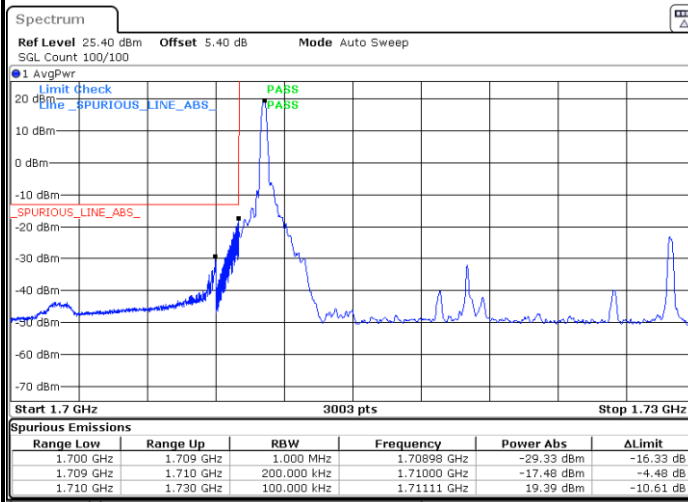
Highest Band Edge / Full RB



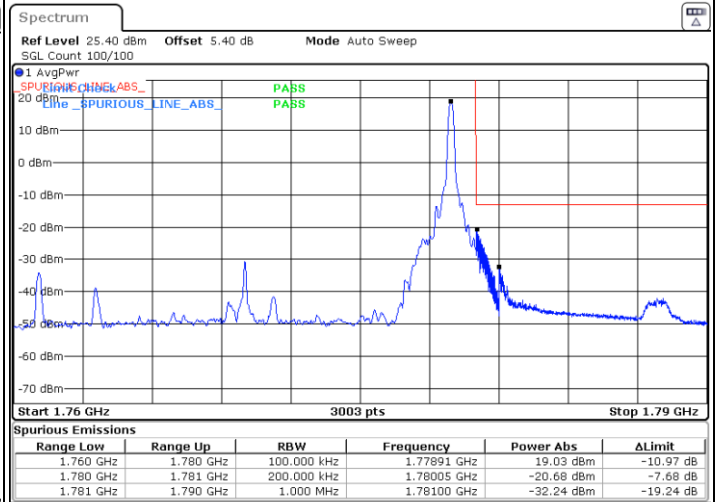


LTE Band 66 / 20MHz / 64QAM

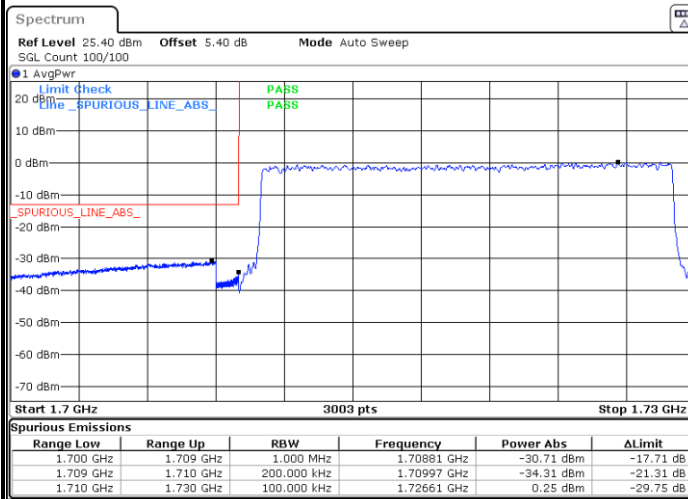
Lowest Band Edge / 1 RB



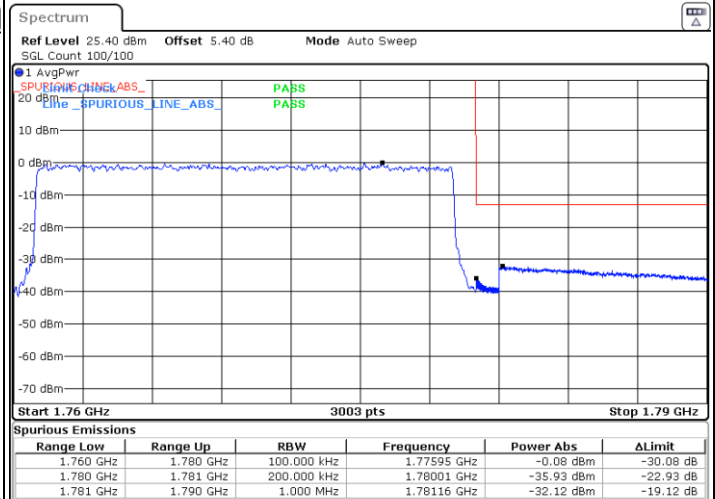
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



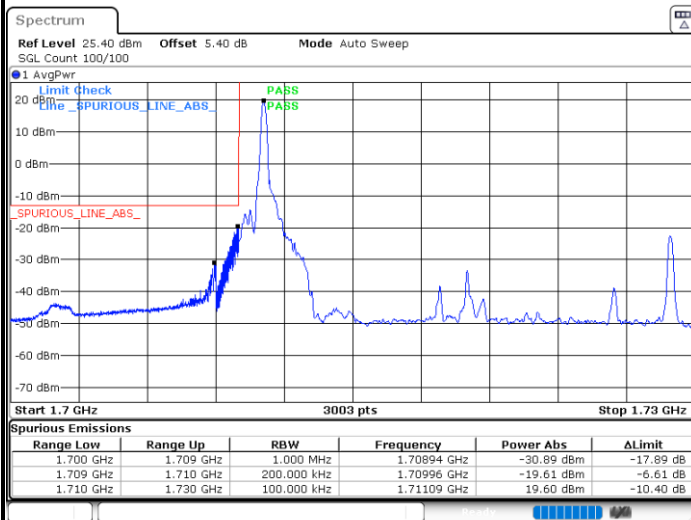
Highest Band Edge / Full RB



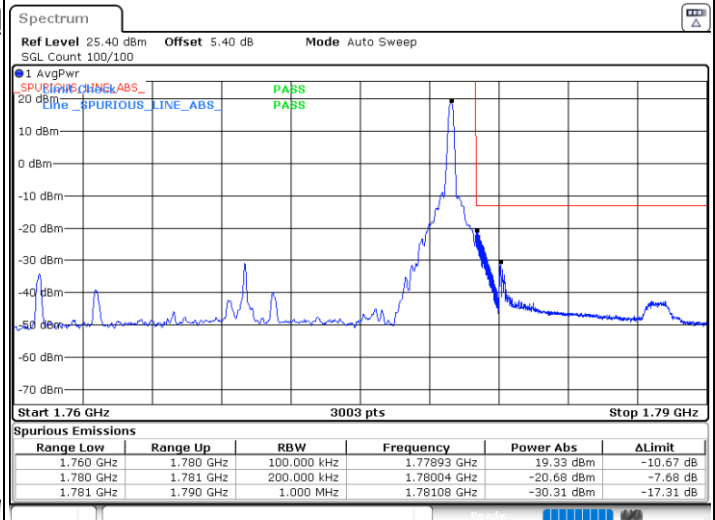


LTE Band 66 / 20MHz / 256QAM

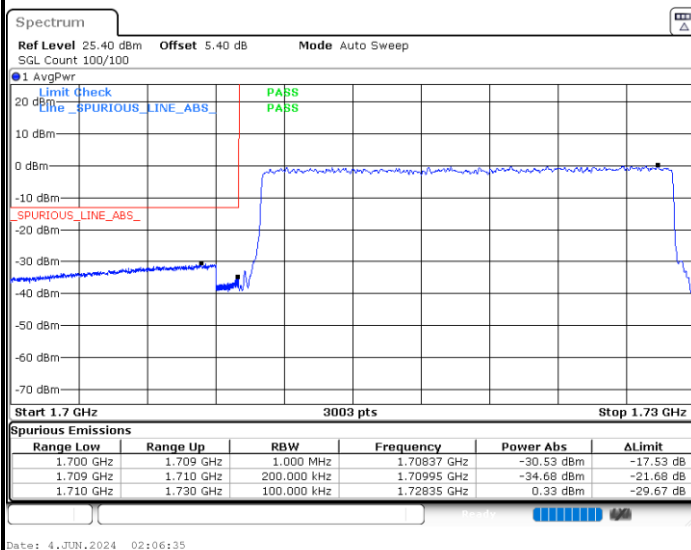
Lowest Band Edge / 1 RB



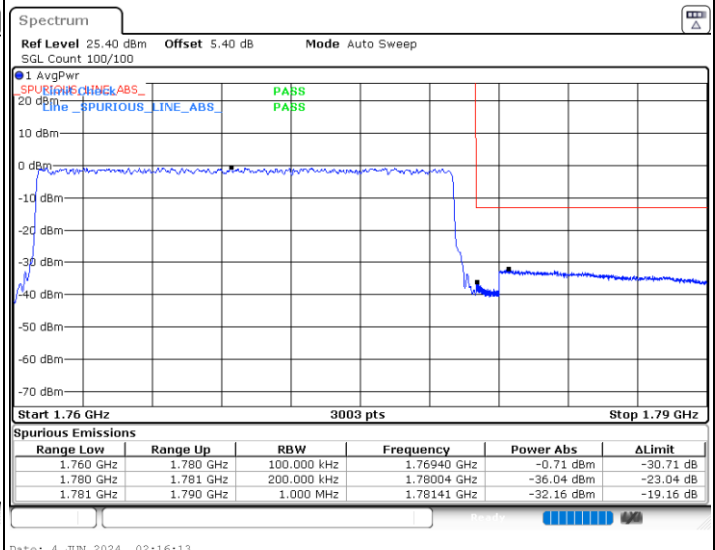
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

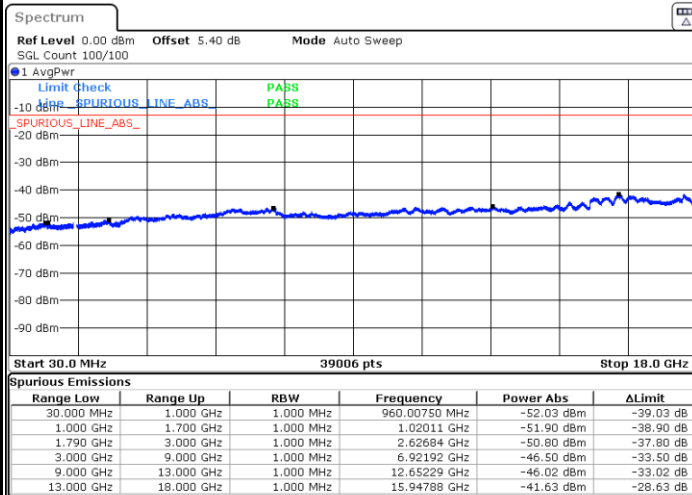




Conducted Spurious Emission

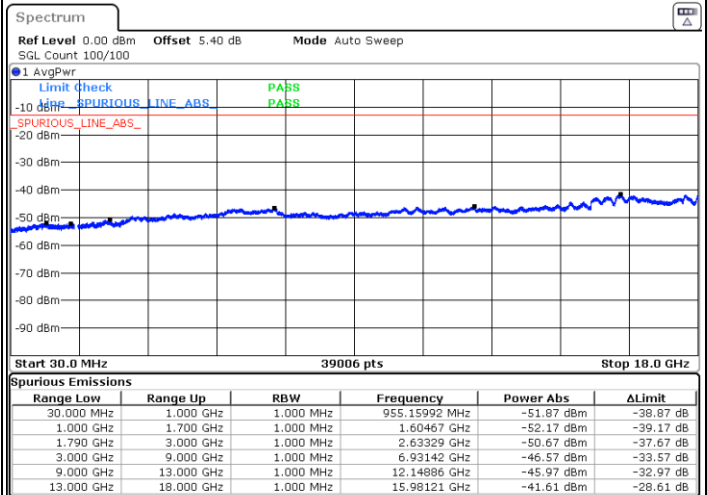
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



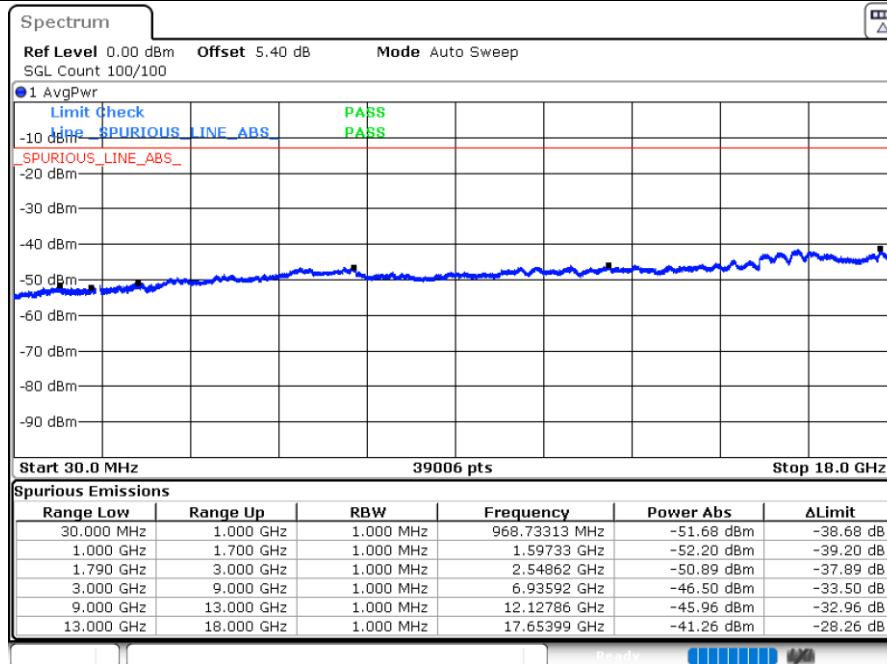
Date: 3.JUN.2024 22:42:05

Middle Channel / QPSK



Date: 3.JUN.2024 22:58:51

Highest Channel / QPSK

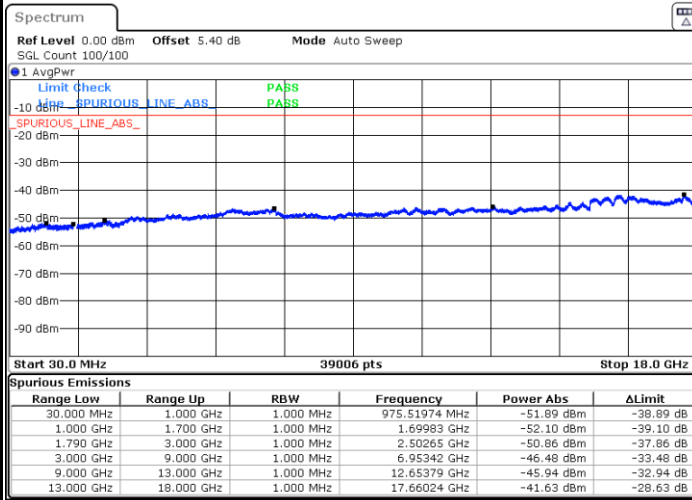


Date: 3.JUN.2024 23:00:07



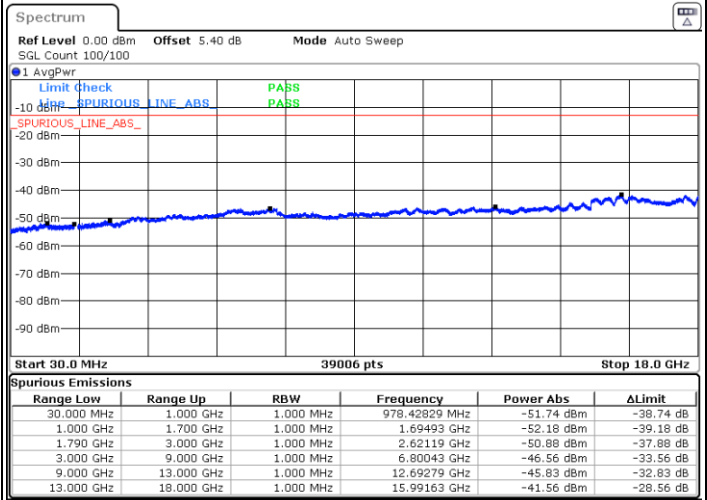
LTE Band 66 / 3MHz

Lowest Channel / QPSK



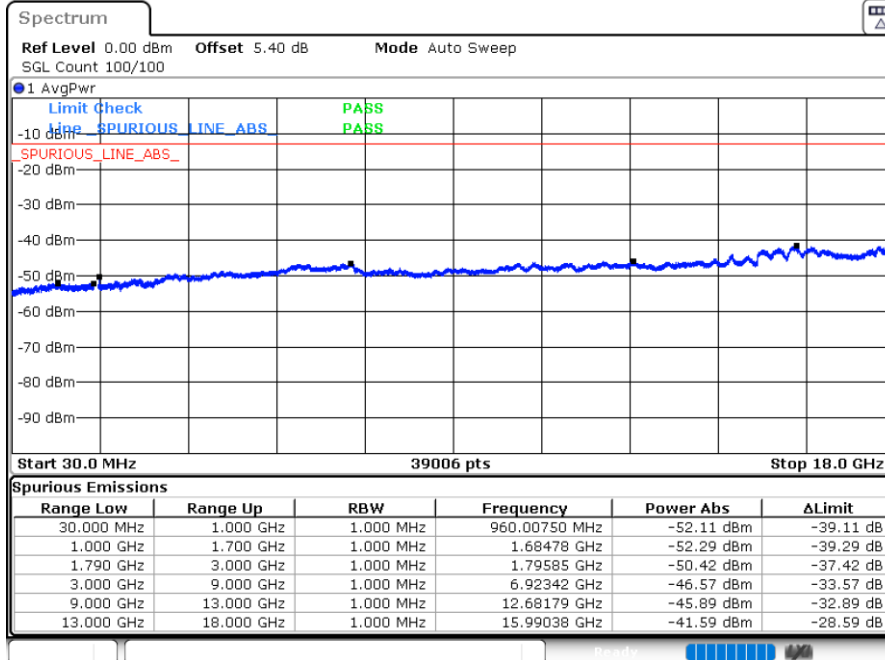
Date: 3.JUN.2024 23:17:44

Middle Channel / QPSK



Date: 3.JUN.2024 23:31:12

Highest Channel / QPSK

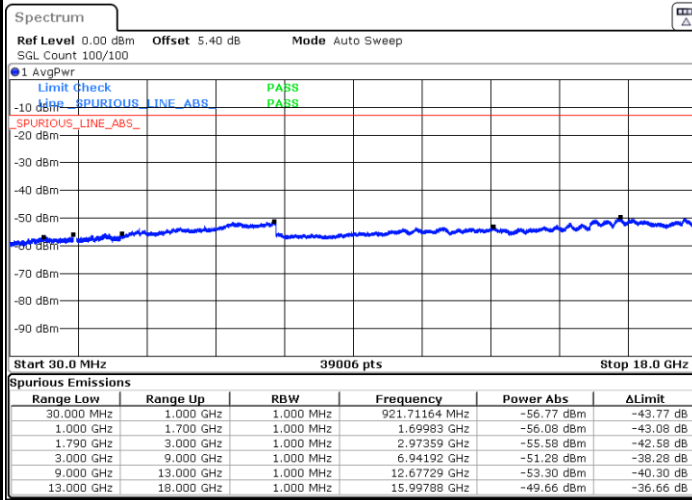


Date: 3.JUN.2024 23:32:28



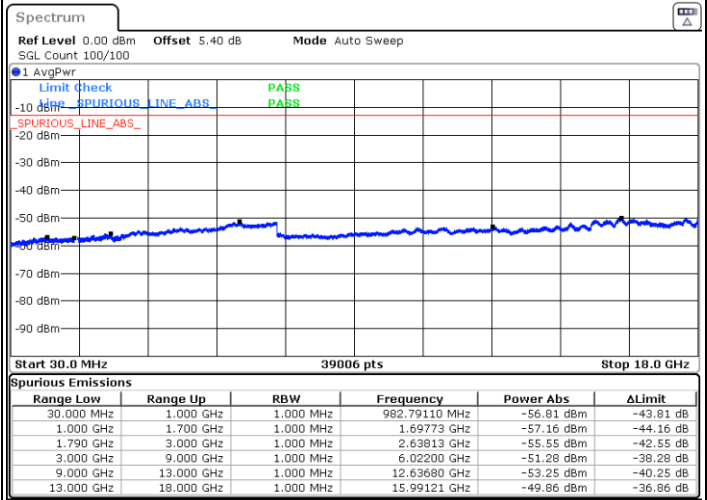
LTE Band 66 / 5MHz

Lowest Channel / QPSK



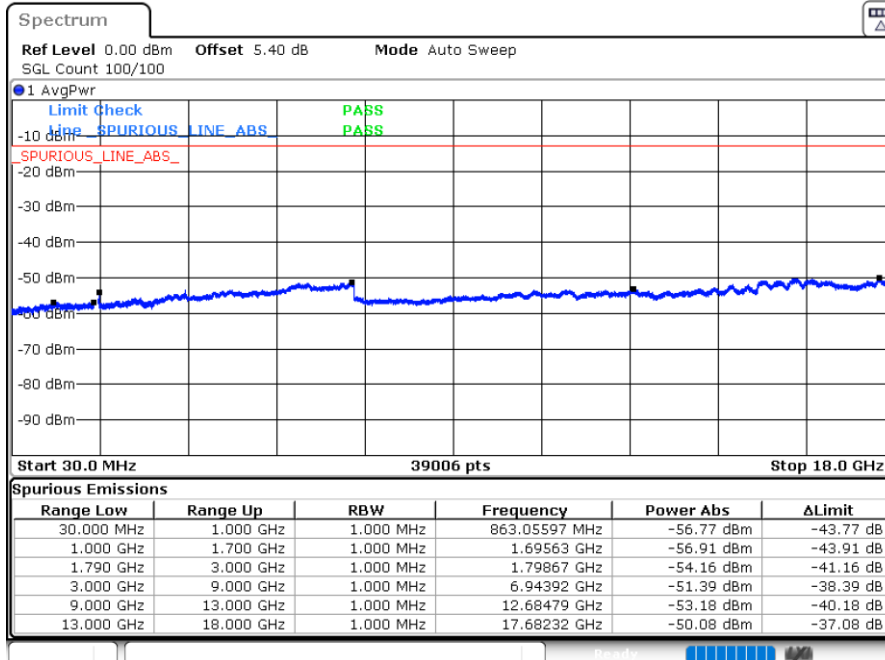
Date: 4.JUN.2024 00:26:04

Middle Channel / QPSK



Date: 4.JUN.2024 00:37:45

Highest Channel / QPSK

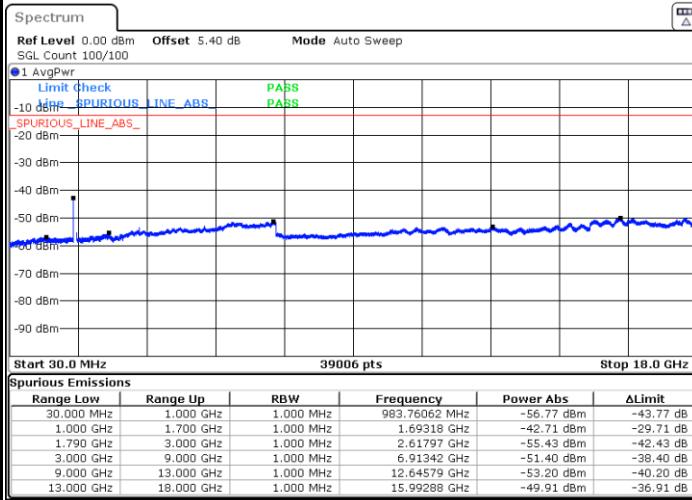


Date: 4.JUN.2024 00:39:01



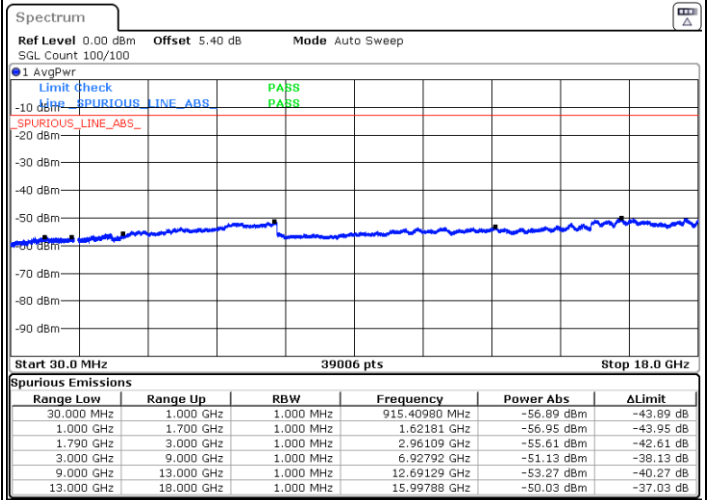
LTE Band 66 / 10MHz

Lowest Channel / QPSK



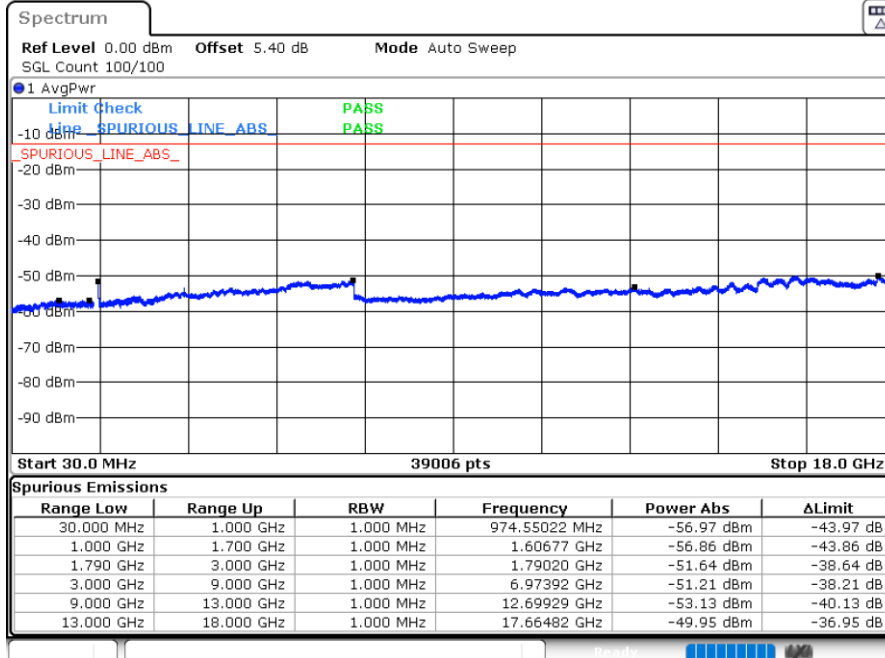
Date: 4.JUN.2024 01:01:22

Middle Channel / QPSK



Date: 4.JUN.2024 01:32:22

Highest Channel / QPSK

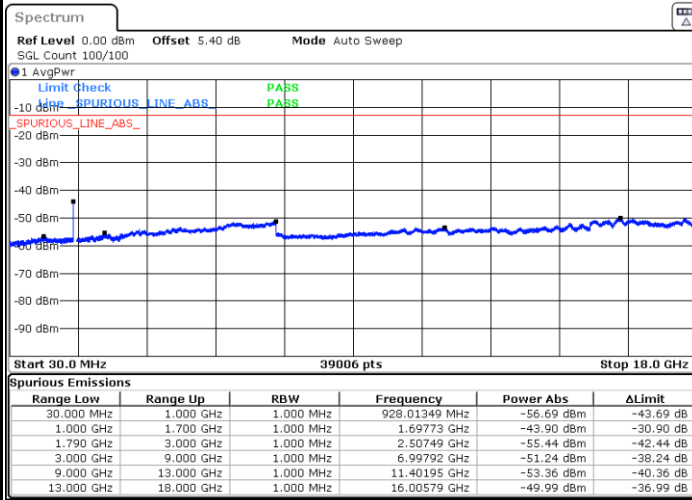


Date: 4.JUN.2024 01:33:39



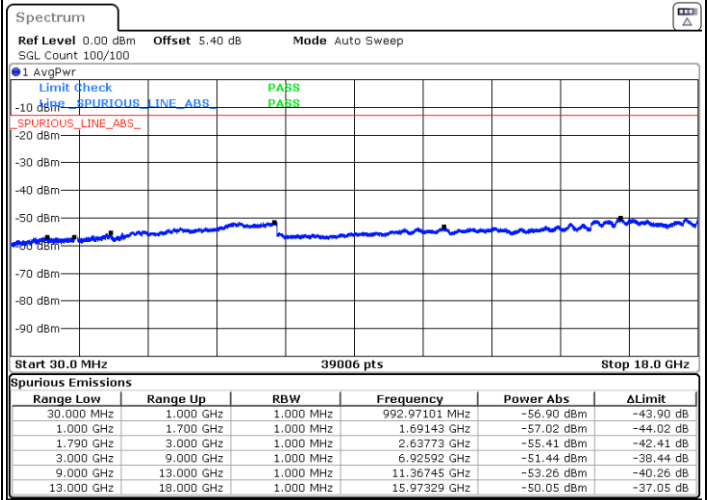
LTE Band 66 / 15MHz

Lowest Channel / QPSK



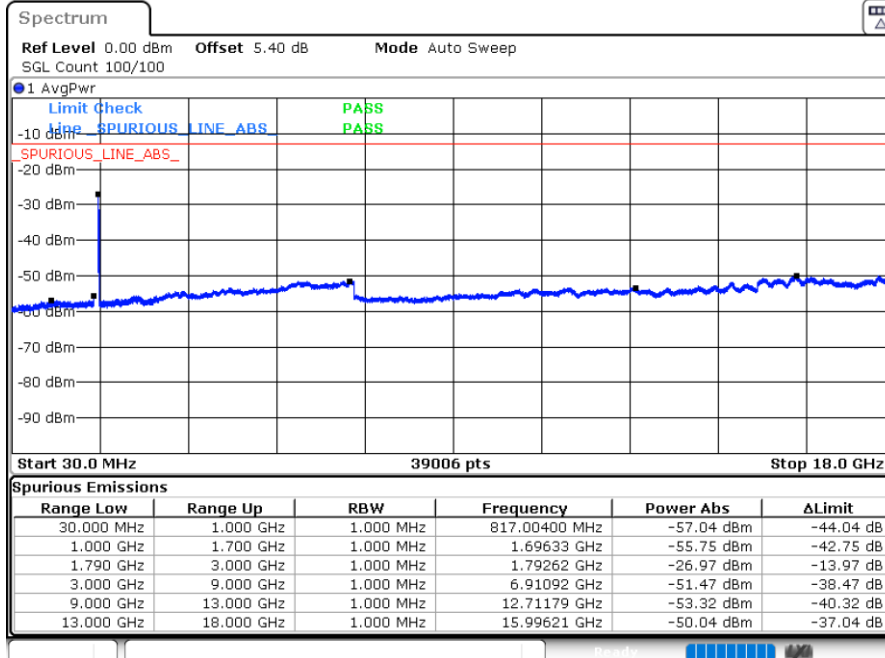
Date: 4.JUN.2024 01:41:38

Middle Channel / QPSK



Date: 4.JUN.2024 01:49:43

Highest Channel / QPSK

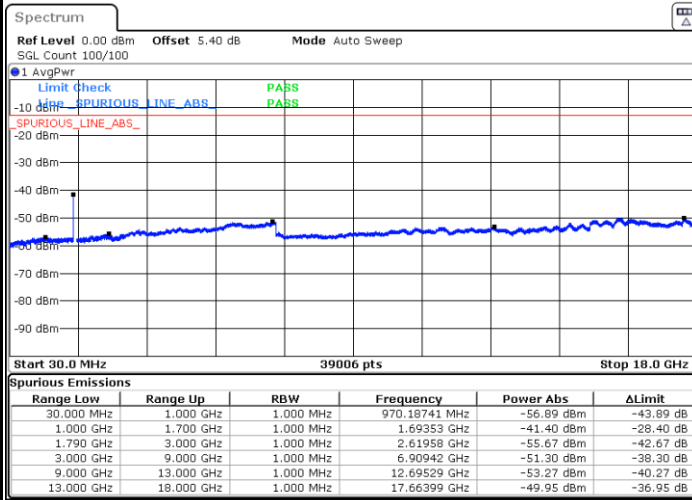


Date: 4.JUN.2024 01:50:59



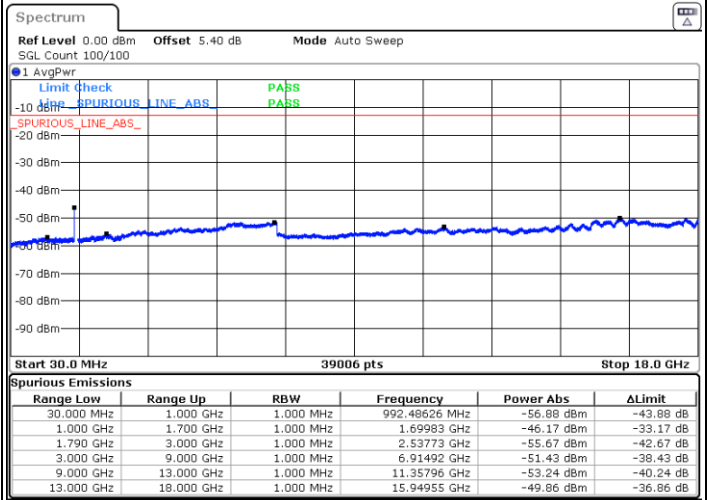
LTE Band 66 / 20MHz

Lowest Channel / QPSK



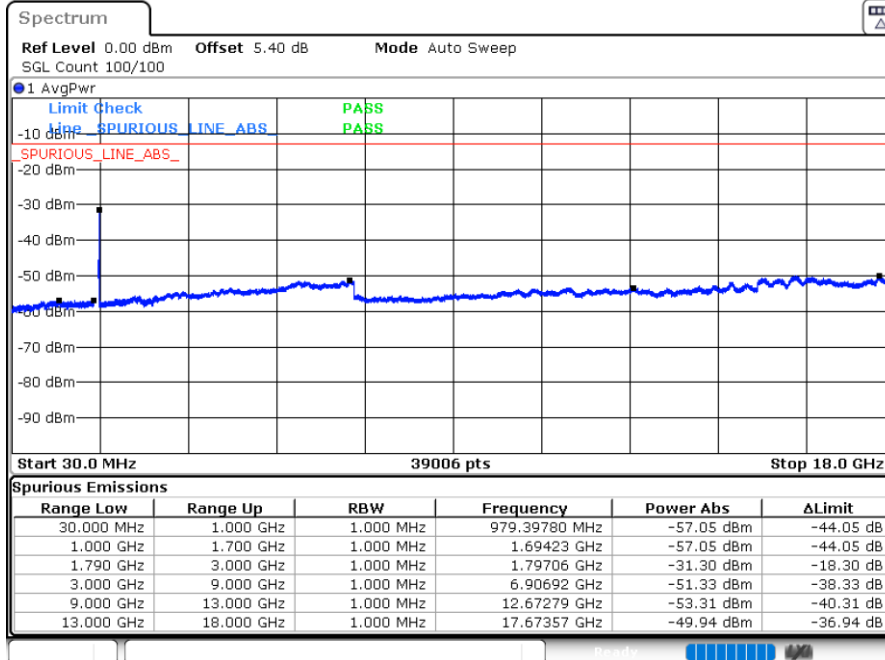
Date: 4.JUN.2024 02:00:07

Middle Channel / QPSK



Date: 4.JUN.2024 02:08:09

Highest Channel / QPSK



Date: 4.JUN.2024 02:09:25

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	0.0011	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0081	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0073	
20	Normal Voltage	0.0013	
20	Minimum Voltage	0.0025	

Note:

1. Normal Voltage = 5V ; Minimum Voltage =4.6V. ; Maximum Voltage =5.5V
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 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)
Lowest	3705	-57.03	-13	-44.03	-69.29	2.64	14.90	H
	5550	-56.16	-13	-43.16	-68.02	2.94	14.80	H
	7410	-54.55	-13	-41.55	-64.32	3.39	13.16	H
	3705	-56.64	-13	-43.64	-68.90	2.64	14.90	V
	5550	-56.11	-13	-43.11	-67.97	2.94	14.80	V
	7410	-54.53	-13	-41.53	-64.30	3.39	13.16	V
Middle	3735	-57.32	-13	-44.32	-69.58	2.64	14.90	H
	5610	-55.70	-13	-42.70	-67.56	2.94	14.80	H
	7485	-53.70	-13	-40.70	-63.47	3.39	13.16	H
	3735	-57.31	-13	-44.31	-69.57	2.64	14.90	V
	5610	-55.52	-13	-42.52	-67.38	2.94	14.80	V
	7485	-54.05	-13	-41.05	-63.82	3.39	13.16	V
Highest	3780	-57.05	-13	-44.05	-69.31	2.64	14.90	H
	5670	-56.74	-13	-43.74	-68.60	2.94	14.80	H
	7560	-53.98	-13	-40.98	-63.75	3.39	13.16	H
	3780	-57.09	-13	-44.09	-69.35	2.64	14.90	V
	5670	-57.22	-13	-44.22	-69.08	2.94	14.80	V
	7560	-54.01	-13	-41.01	-63.78	3.39	13.16	V



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)
Lowest	1648	-65.53	-13	-52.53	-72.50	1.58	10.70	H
	2472	-57.16	-13	-44.16	-65.41	2.102	12.50	H
	3296	-61.50	-13	-48.50	-70.39	2.856	13.90	H
	1648	-64.92	-13	-51.92	-71.89	1.58	10.70	V
	2472	-57.25	-13	-44.25	-65.50	2.10	12.50	V
	3296	-61.13	-13	-48.13	-70.02	2.86	13.90	V
Middle	1656	-66.04	-13	-53.04	-73.01	1.58	10.70	H
	2488	-55.65	-13	-42.65	-63.90	2.102	12.50	H
	3320	-61.00	-13	-48.00	-69.89	2.856	13.90	H
	1656	-64.70	-13	-51.70	-71.67	1.58	10.70	V
	2488	-54.21	-13	-41.21	-62.46	2.10	12.50	V
	3320	-60.76	-13	-47.76	-69.65	2.86	13.90	V
Highest	1672	-63.12	-13	-50.12	-70.09	1.58	10.70	H
	2504	-59.20	-13	-46.20	-67.45	2.102	12.50	H
	3336	-60.95	-13	-47.95	-69.84	2.856	13.90	H
	1672	-62.88	-13	-49.88	-69.85	1.58	10.70	V
	2504	-55.94	-13	-42.94	-64.19	2.10	12.50	V
	3336	-60.66	-13	-47.66	-69.55	2.86	13.90	V

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)
Lowest	3420	-57.75	-13	-44.75	-68.49	2.604	13.34	H
	5130	-55.59	-13	-42.59	-66.10	3.011	13.52	H
	6840	-55.50	-13	-42.50	-65.70	3.271	13.47	H
	3420	-58.09	-13	-45.09	-68.83	2.604	13.34	V
	5130	-55.96	-13	-42.96	-66.47	3.011	13.52	V
	6840	-55.77	-13	-42.77	-65.97	3.271	13.47	V
Middle	3465	-56.96	-13	-43.96	-67.70	2.604	13.34	H
	5205	-55.38	-13	-42.38	-65.89	3.011	13.52	H
	6945	-55.92	-13	-42.92	-66.12	3.271	13.47	H
	3465	-58.04	-13	-45.04	-68.78	2.604	13.34	V
	5205	-55.94	-13	-42.94	-66.45	3.011	13.52	V
	6945	-55.87	-13	-42.87	-66.07	3.271	13.47	V
Highest	3525	-58.21	-13	-45.21	-68.95	2.604	13.34	H
	5280	-55.74	-13	-42.74	-66.25	3.011	13.52	H
	7050	-55.67	-13	-42.67	-65.87	3.271	13.47	H
	3525	-58.14	-13	-45.14	-68.88	2.604	13.34	V
	5280	-55.95	-13	-42.95	-66.46	3.011	13.52	V
	7050	-55.66	-13	-42.66	-65.86	3.271	13.47	V

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