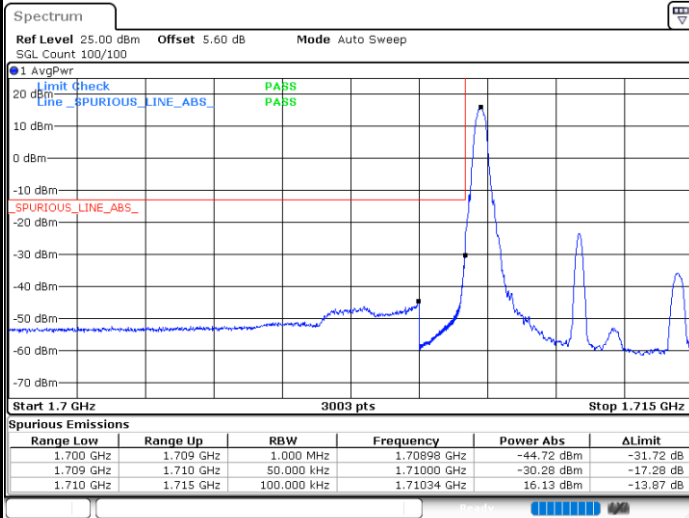


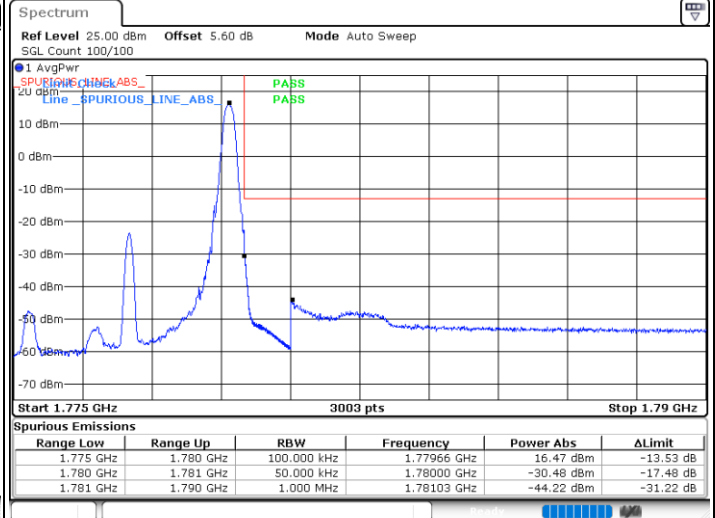


LTE Band 66 / 5MHz /256QAM

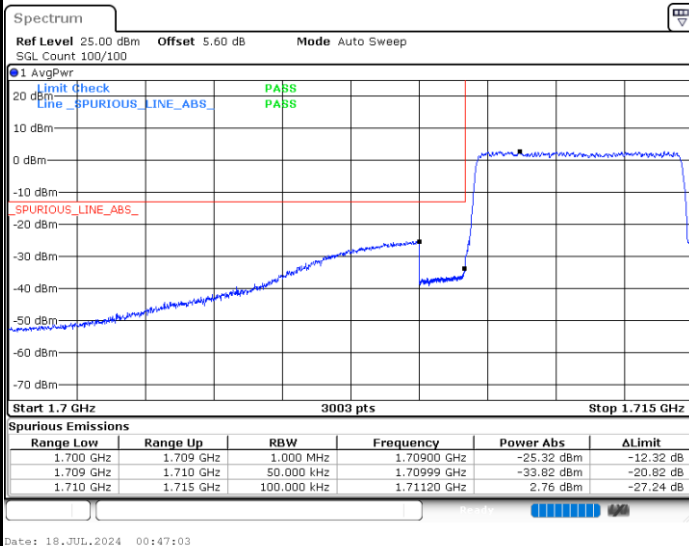
Lowest Band Edge / 1RB



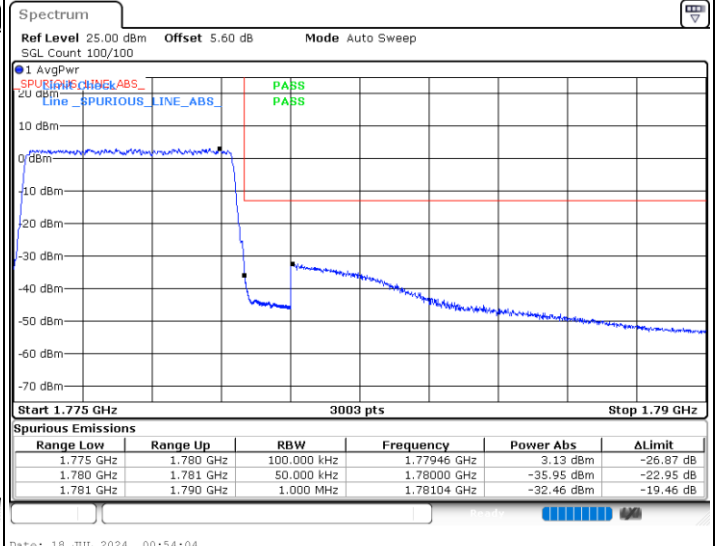
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



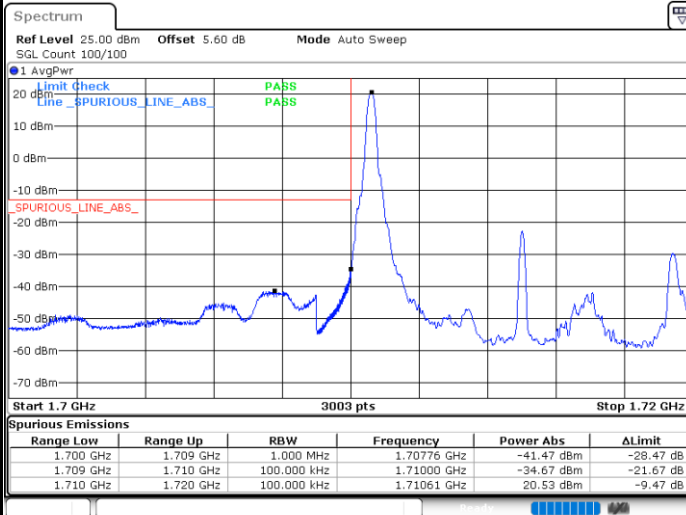
Highest Band Edge / Full RB



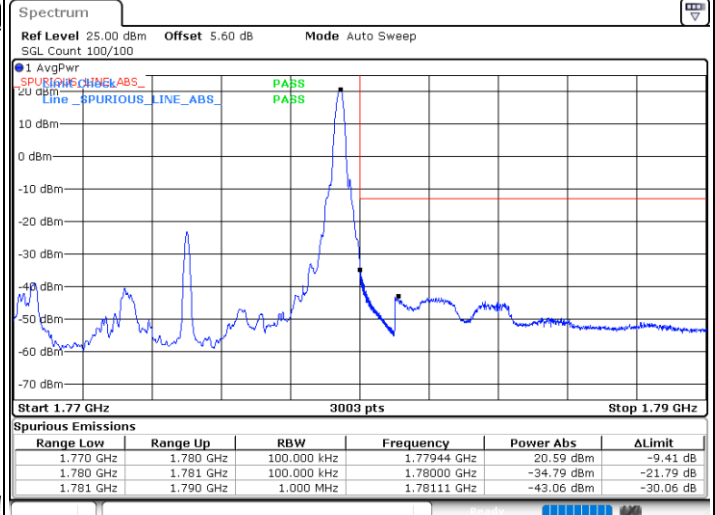


LTE Band 66 / 10MHz / QPSK

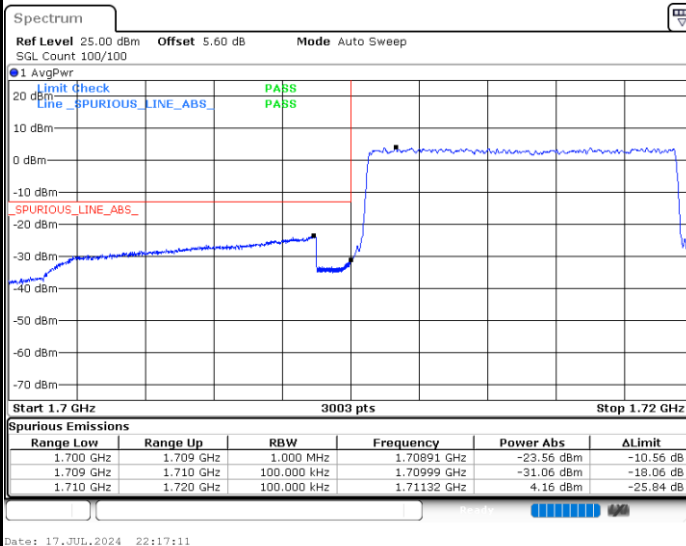
Lowest Band Edge / 1 RB



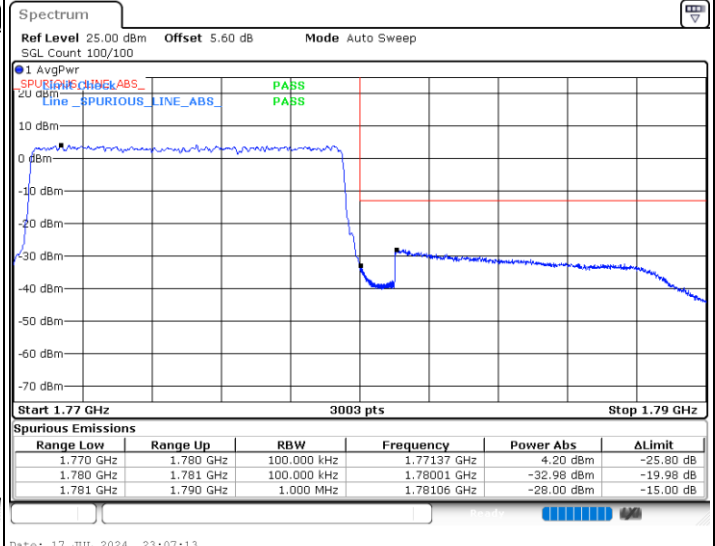
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



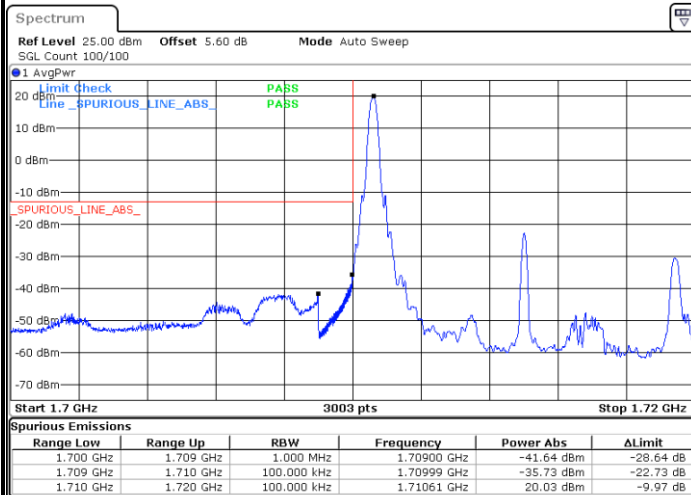
Highest Band Edge / Full RB



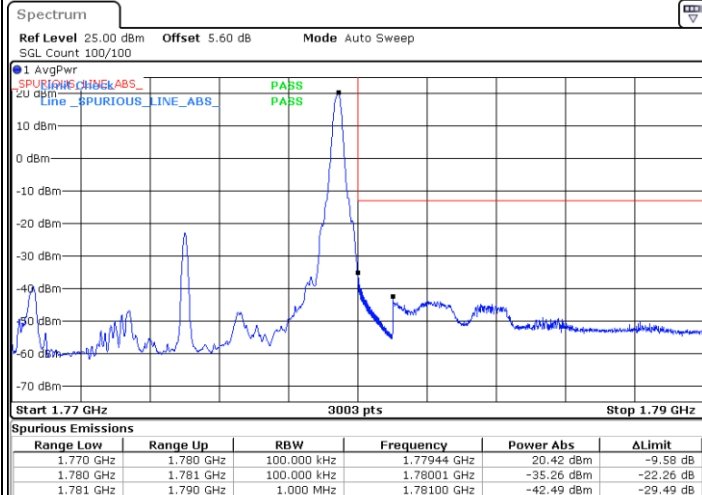


LTE Band 66 / 10MHz / 16QAM

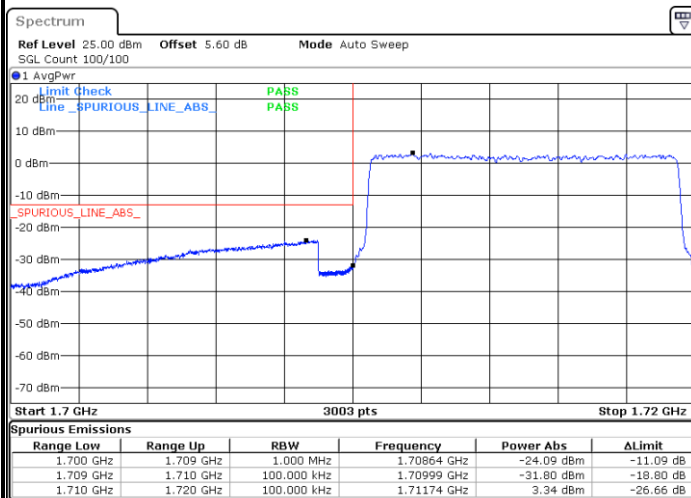
Lowest Band Edge / 1 RB



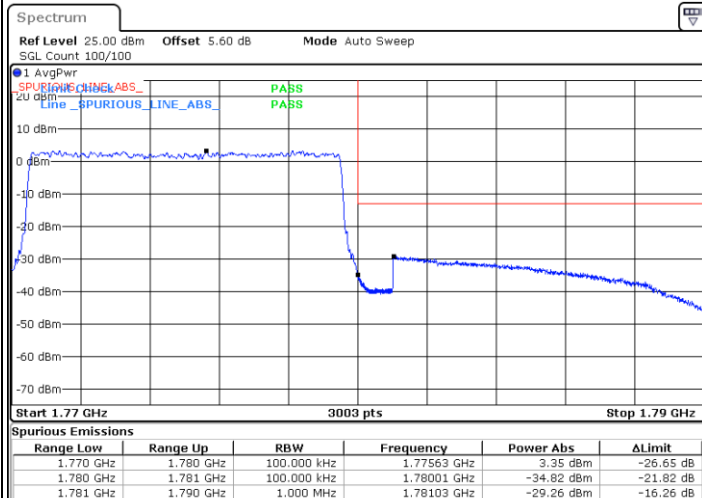
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



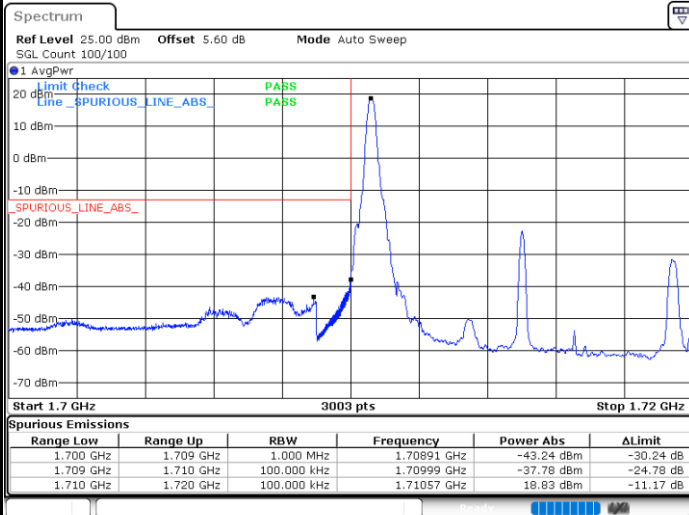
Highest Band Edge / Full RB



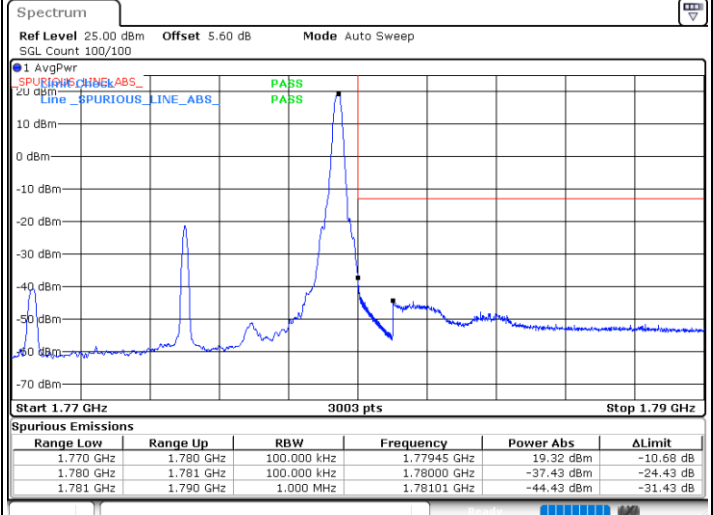


LTE Band 66 / 10MHz / 64QAM

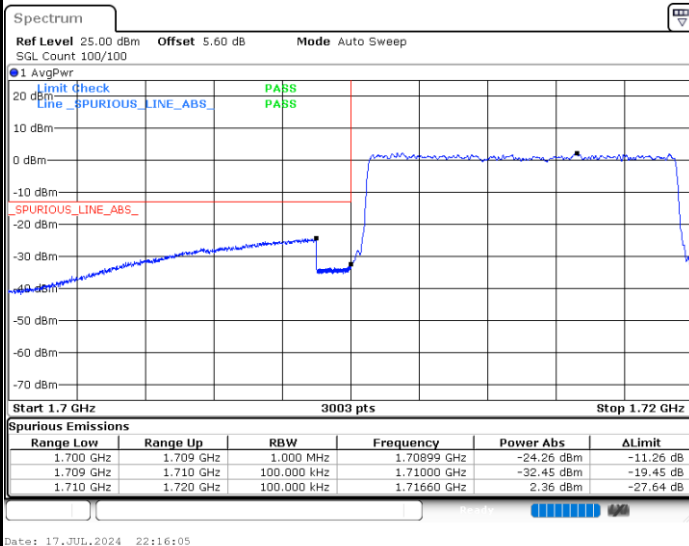
Lowest Band Edge / 1 RB



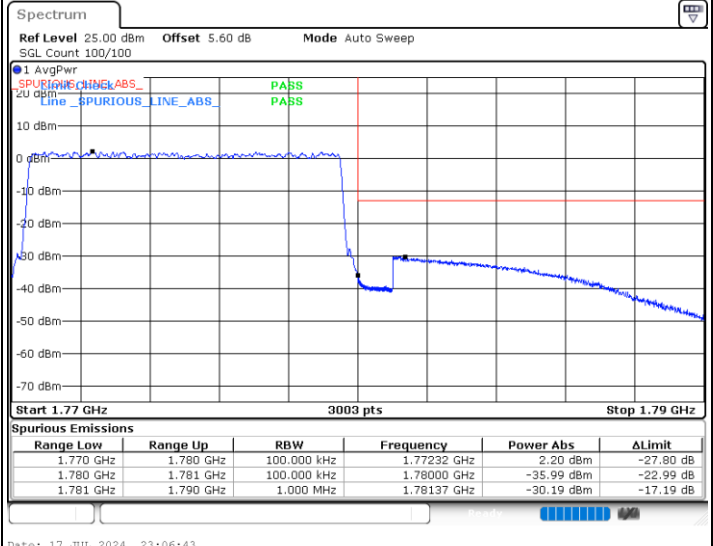
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



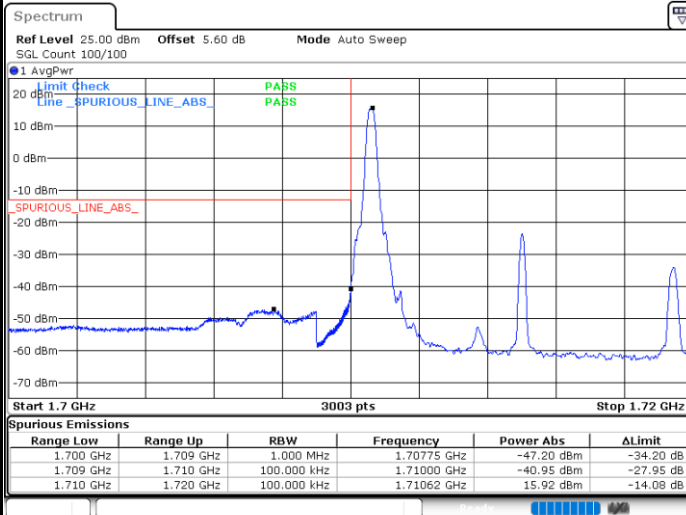
Highest Band Edge / Full RB



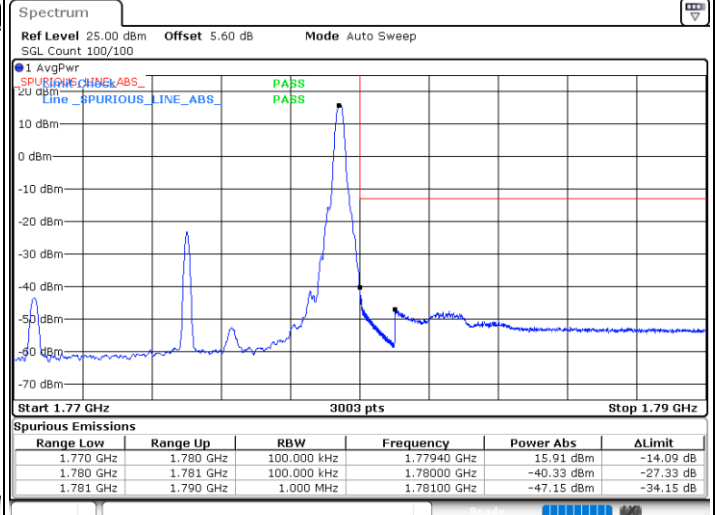


LTE Band 66 / 10MHz / 256QAM

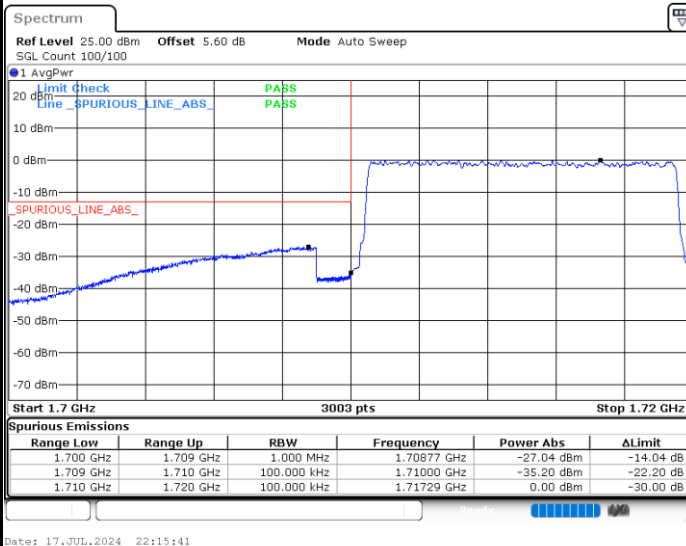
Lowest Band Edge / 1 RB



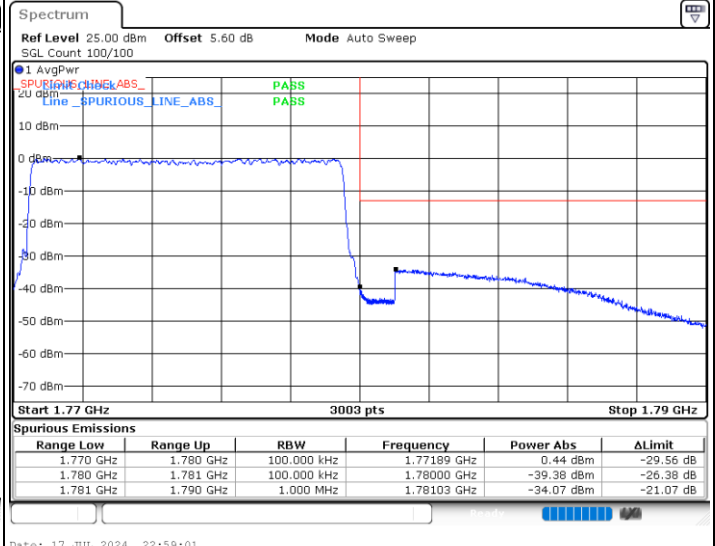
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



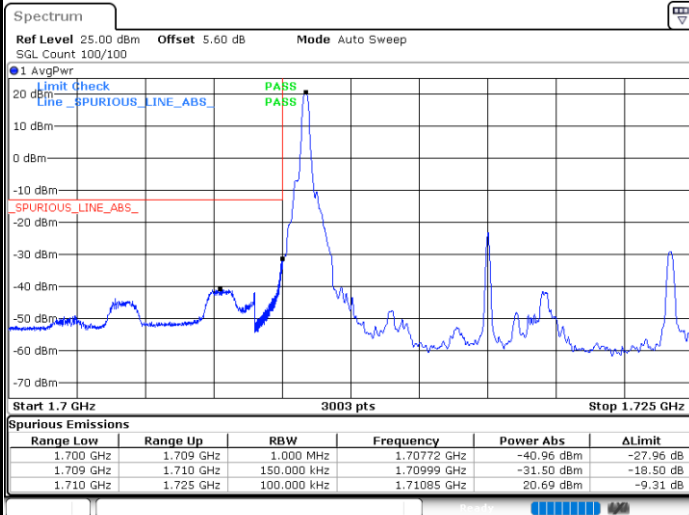
Highest Band Edge / Full RB



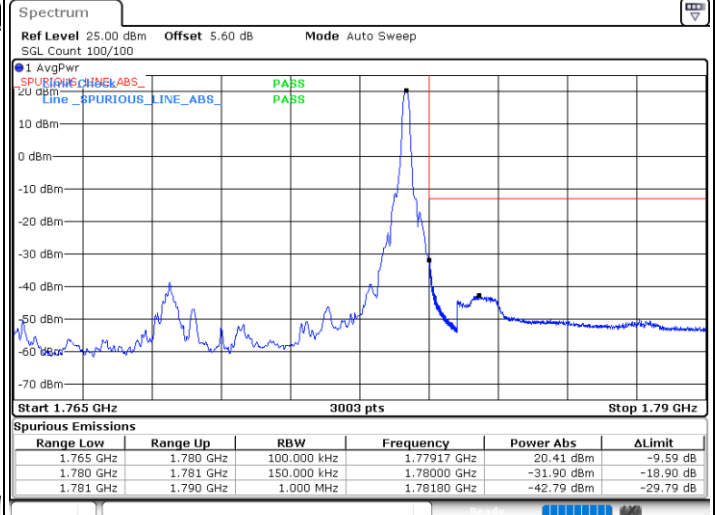


LTE Band 66 / 15MHz / QPSK

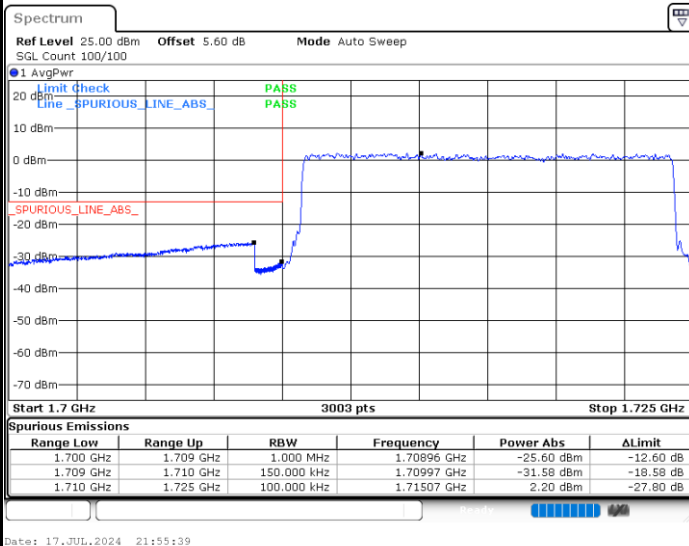
Lowest Band Edge / 1 RB



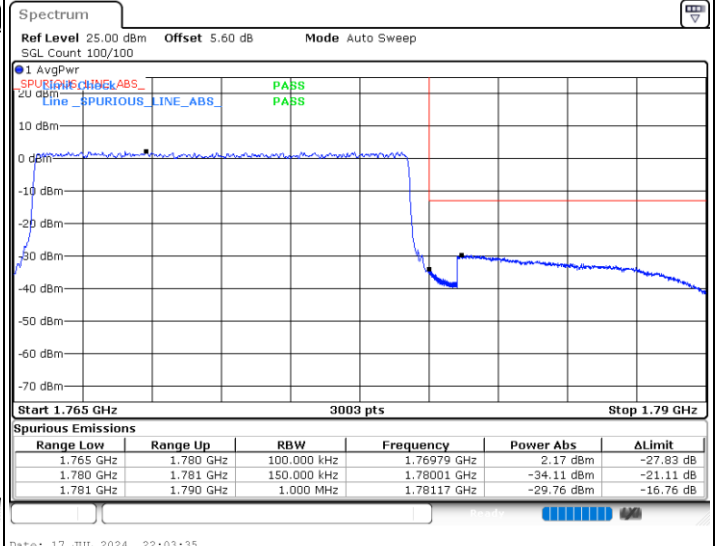
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



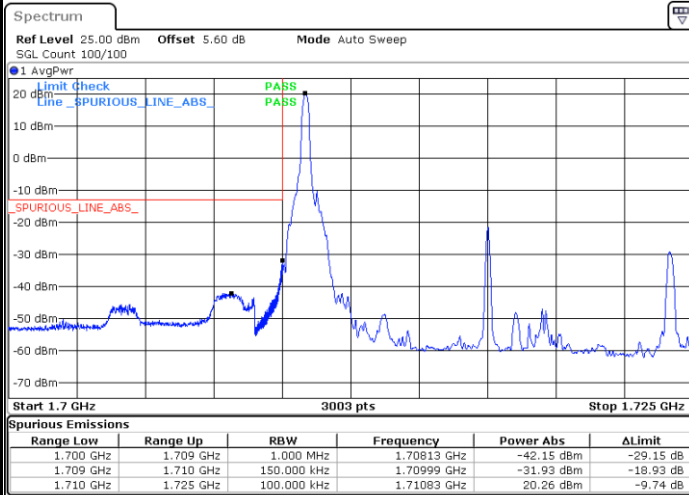
Highest Band Edge / Full RB



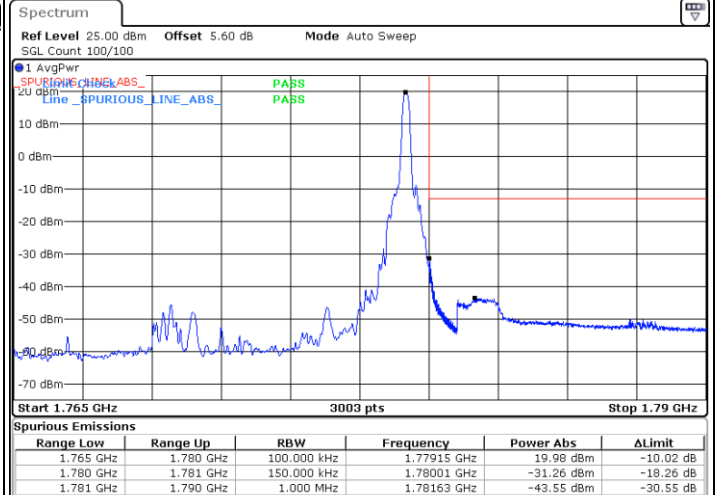


LTE Band 66 / 15MHz / 16QAM

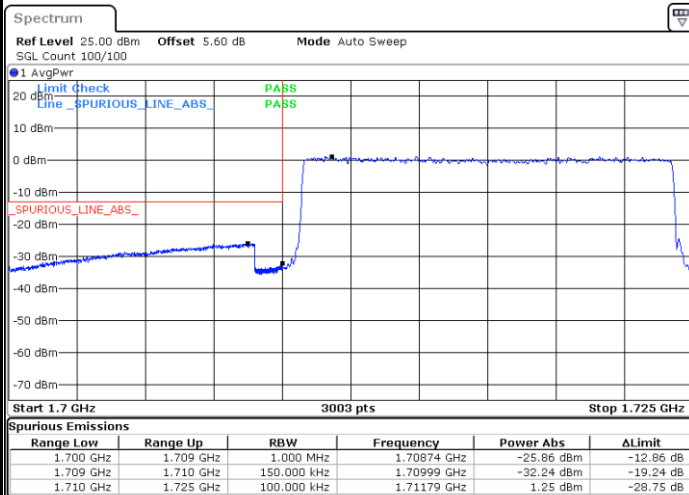
Lowest Band Edge / 1 RB



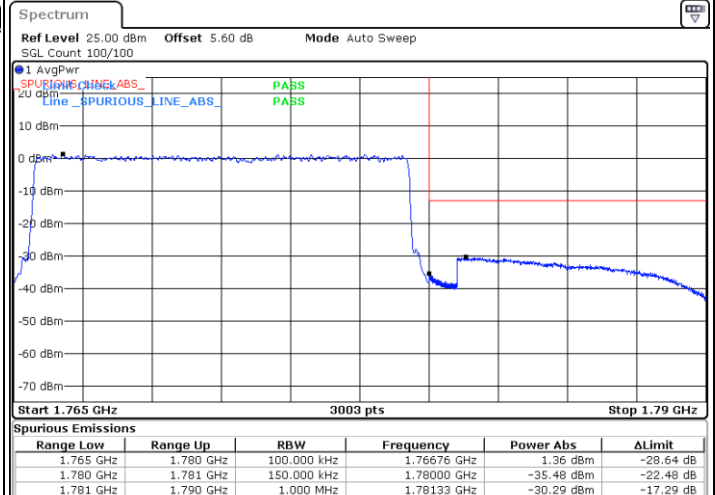
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



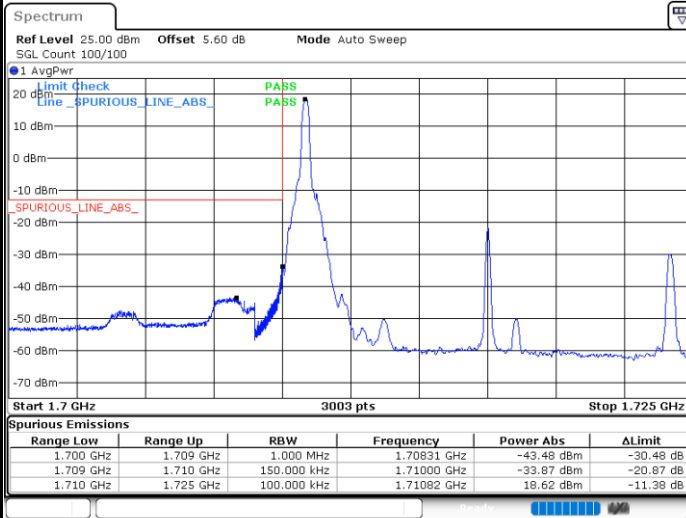
Highest Band Edge / Full RB



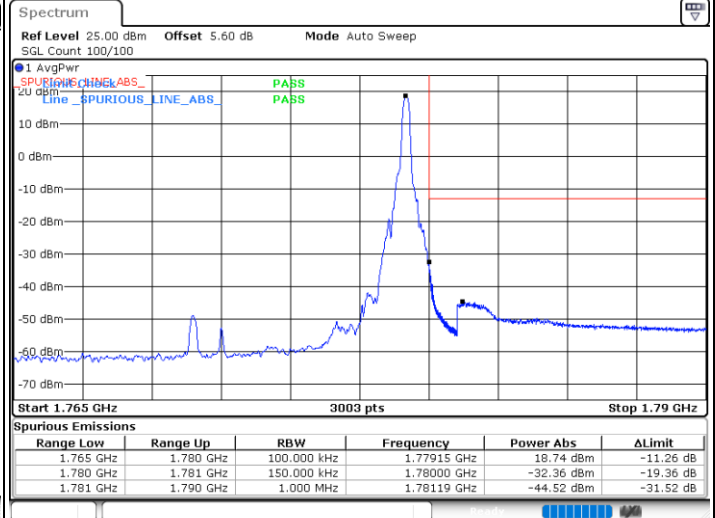


LTE Band 66 / 15MHz / 64QAM

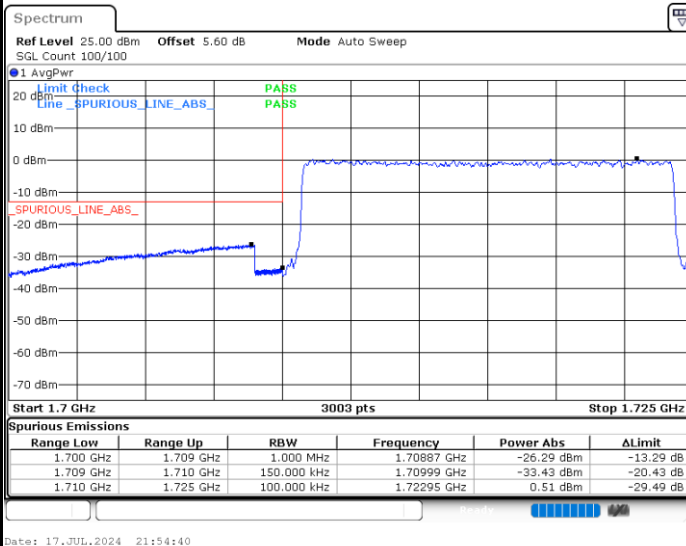
Lowest Band Edge / 1 RB



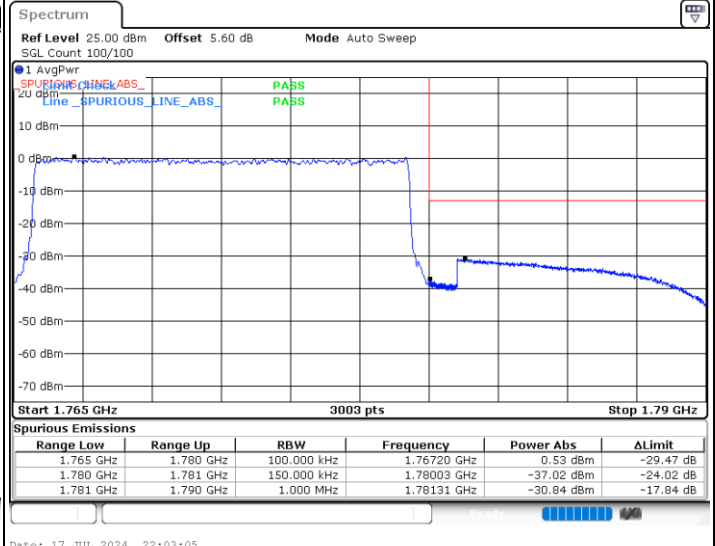
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



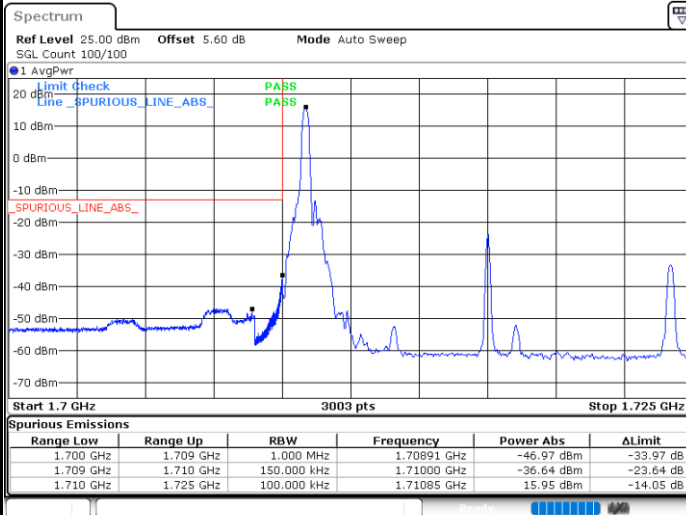
Highest Band Edge / Full RB



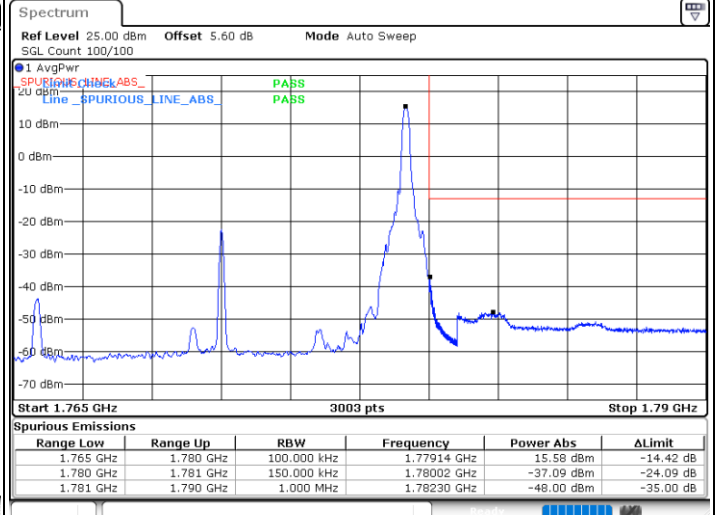


LTE Band 66 / 15MHz / 256QAM

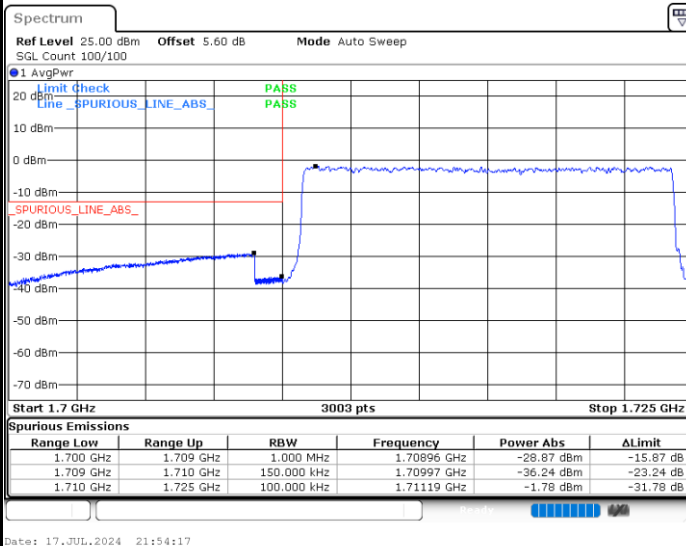
Lowest Band Edge / 1 RB



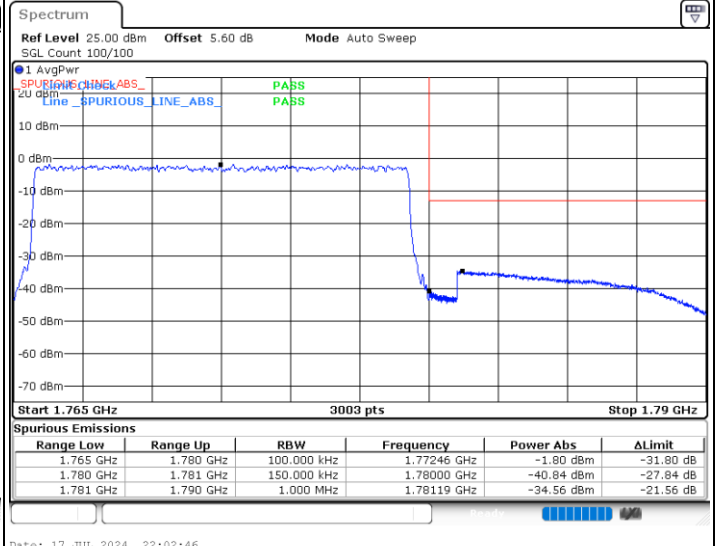
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



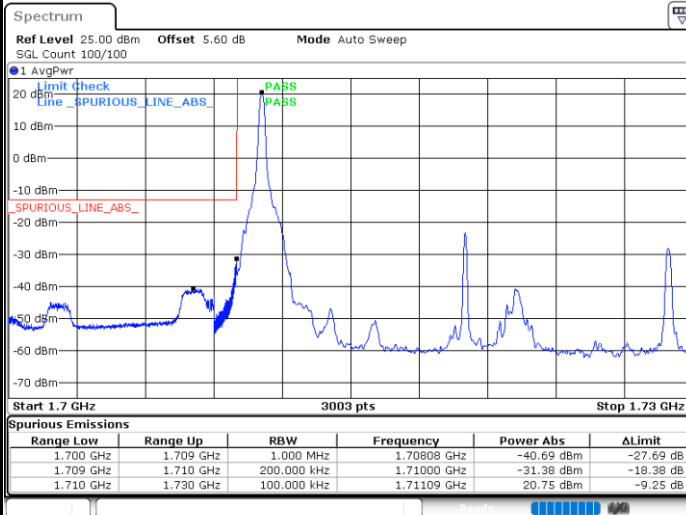
Highest Band Edge / Full RB



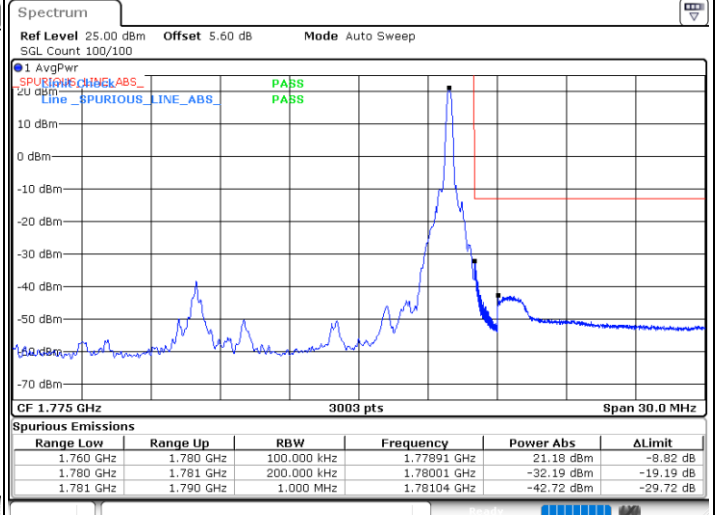


LTE Band 66 / 20MHz / QPSK

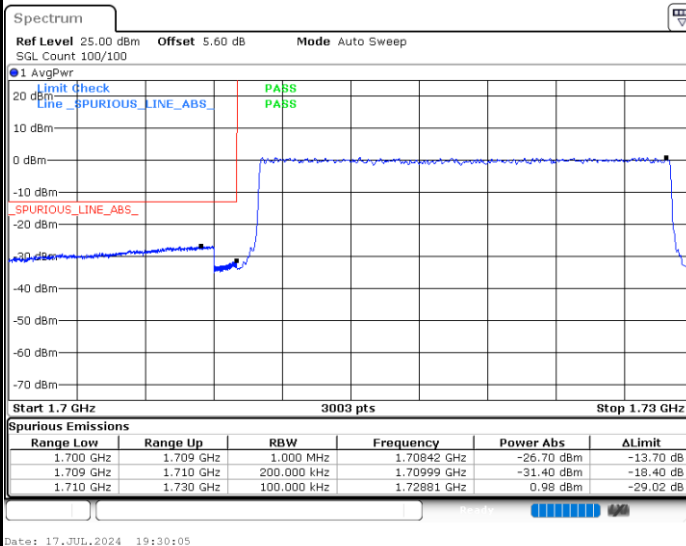
Lowest Band Edge / 1 RB



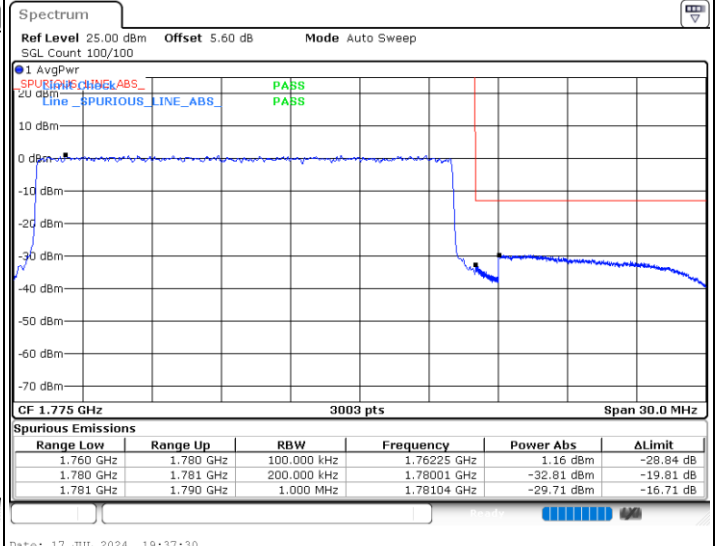
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



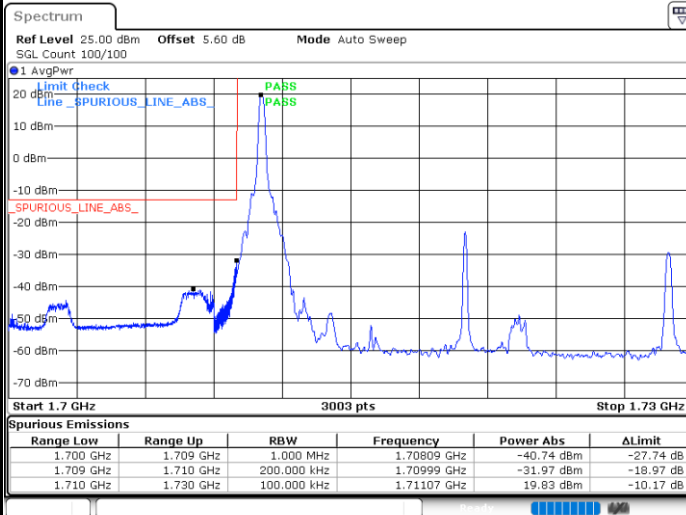
Highest Band Edge / Full RB



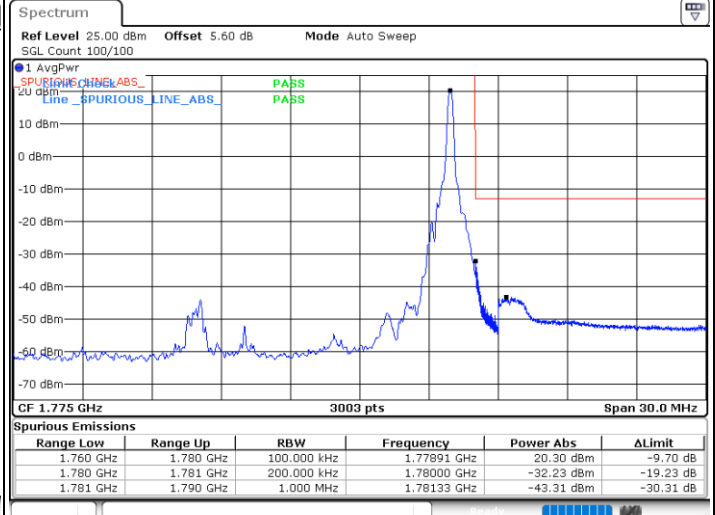


LTE Band 66 / 20MHz / 16QAM

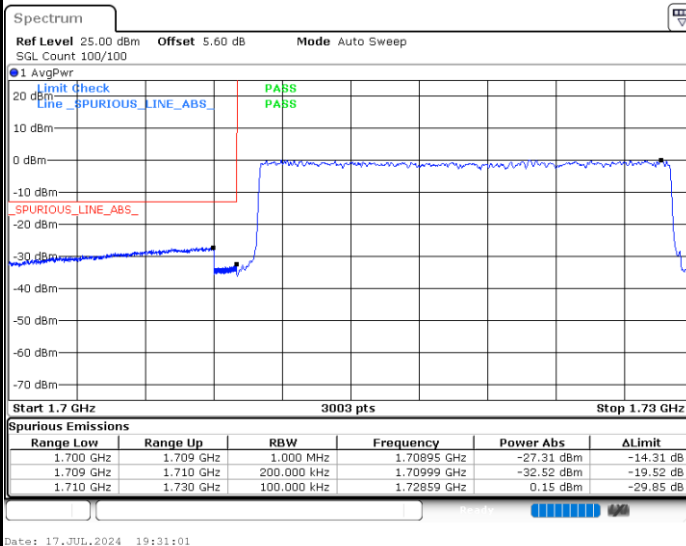
Lowest Band Edge / 1 RB



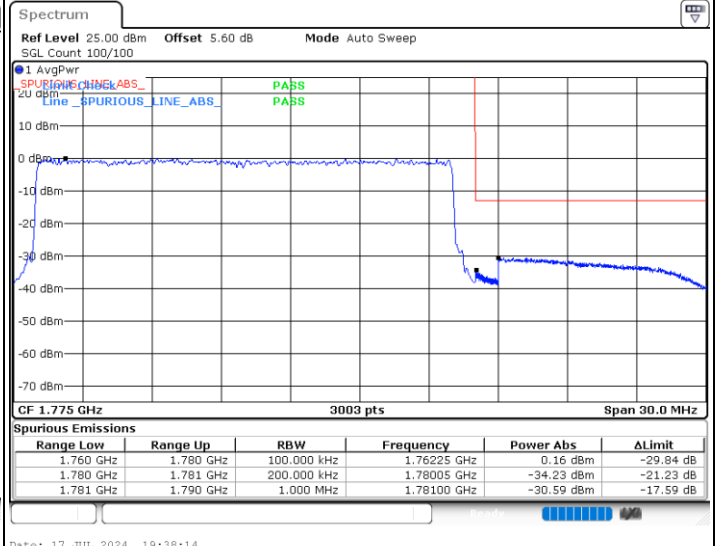
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



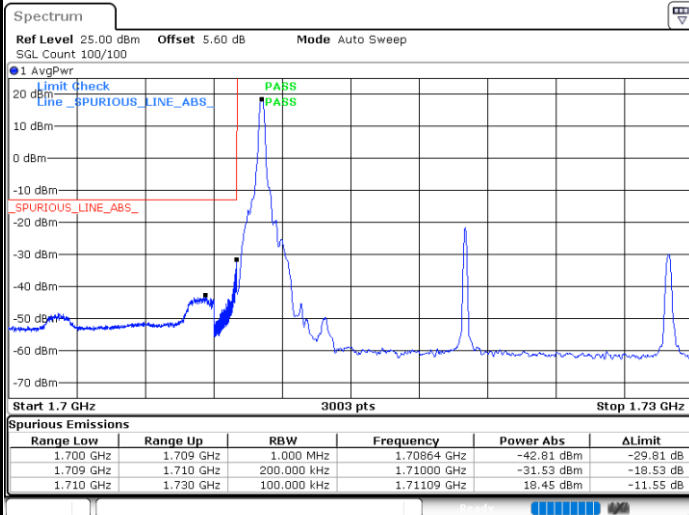
Highest Band Edge / Full RB



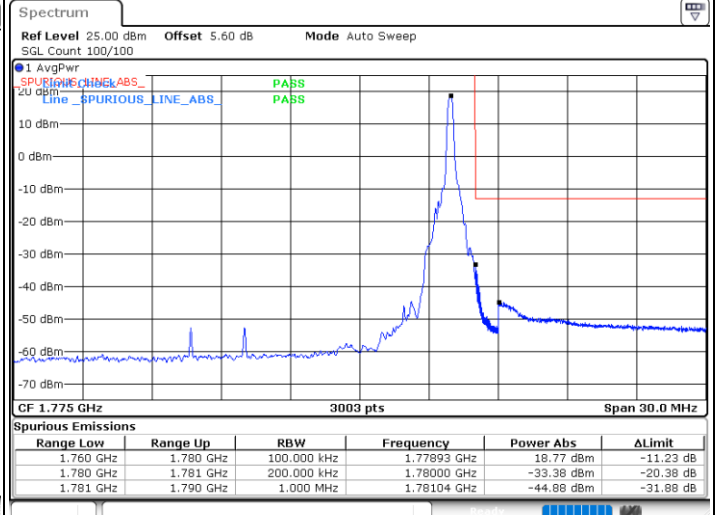


LTE Band 66 / 20MHz / 64QAM

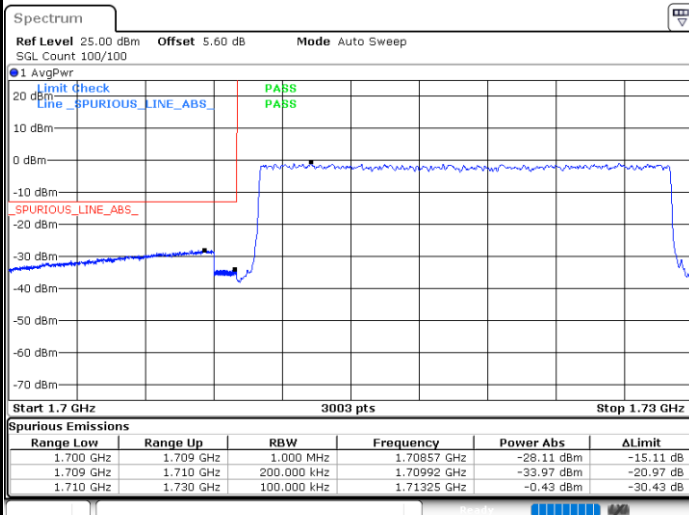
Lowest Band Edge / 1 RB



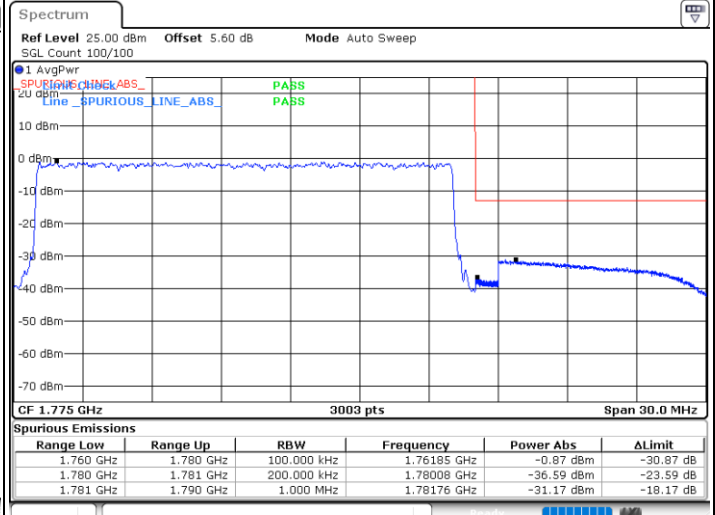
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



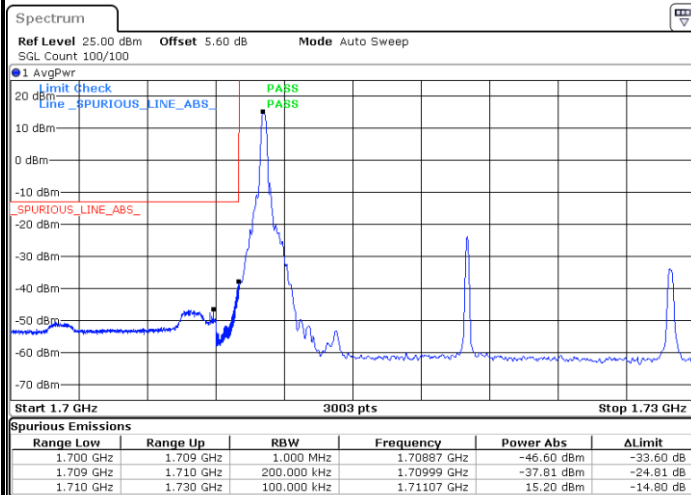
Highest Band Edge / Full RB



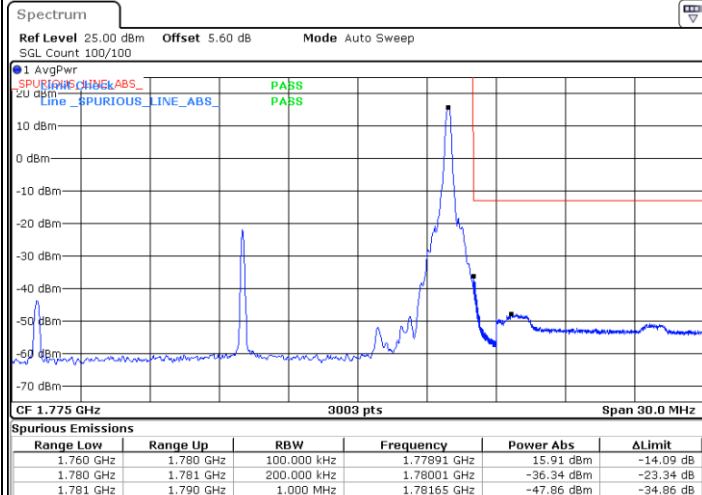


LTE Band 66 / 20MHz / 256QAM

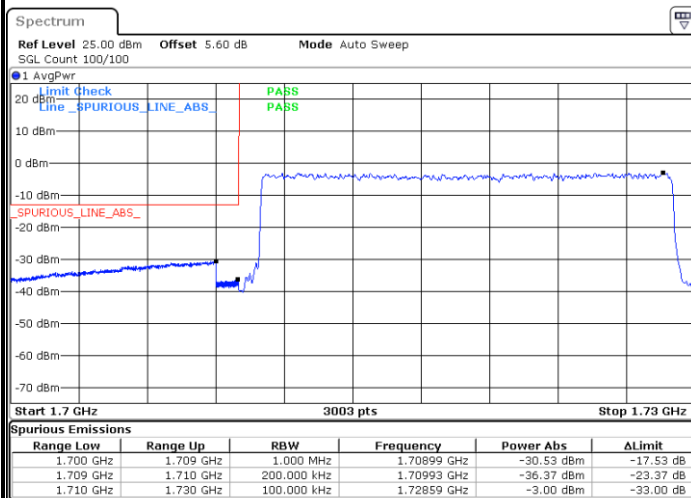
Lowest Band Edge / 1 RB



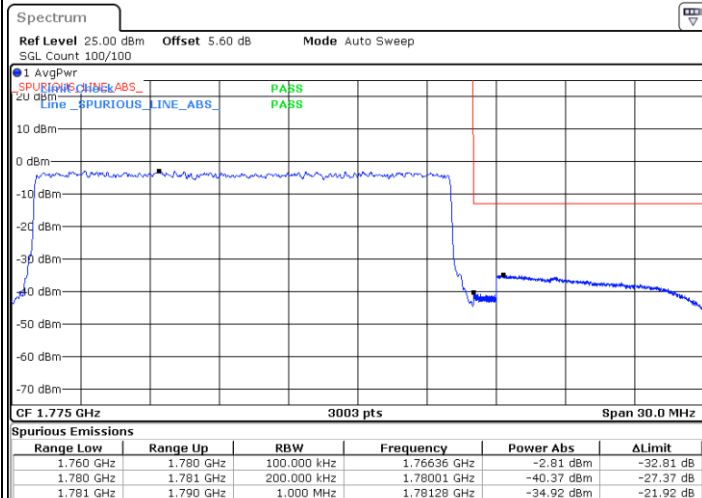
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

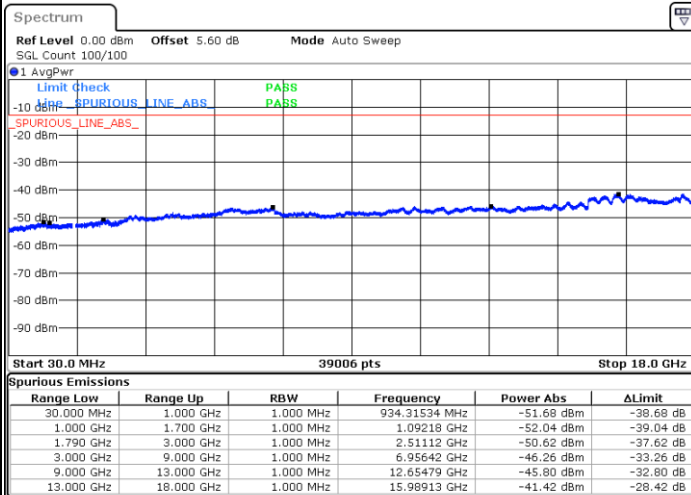




Conducted Spurious Emission

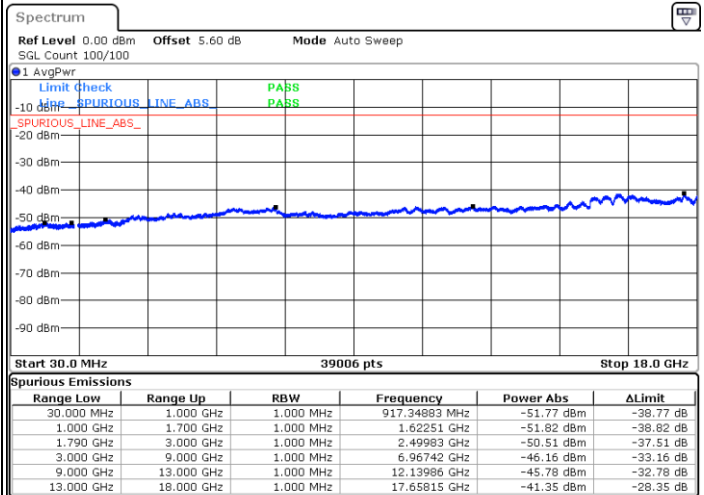
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



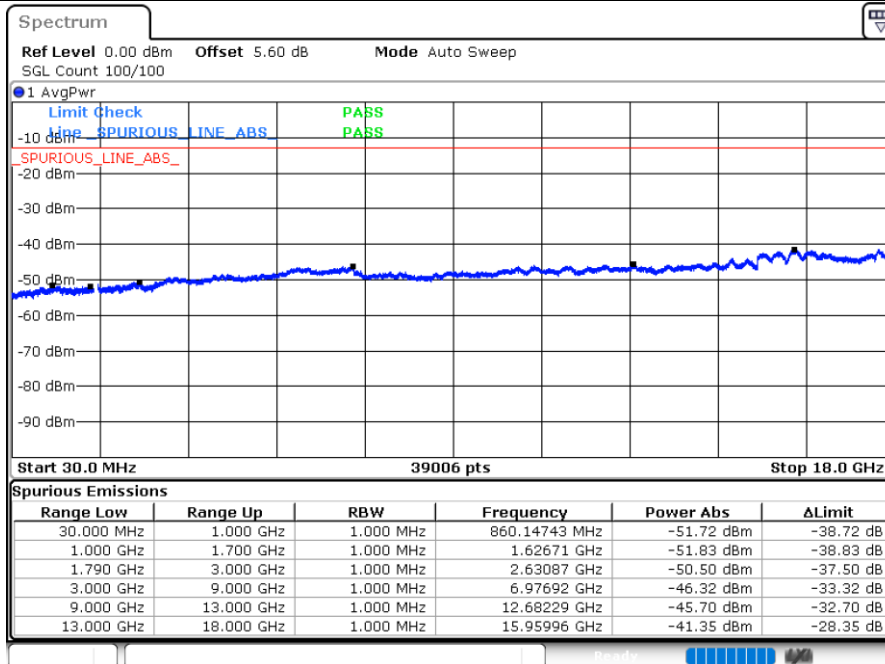
Date: 18.JUL.2024 01:42:04

Middle Channel / QPSK



Date: 18.JUL.2024 01:38:31

Highest Channel / QPSK



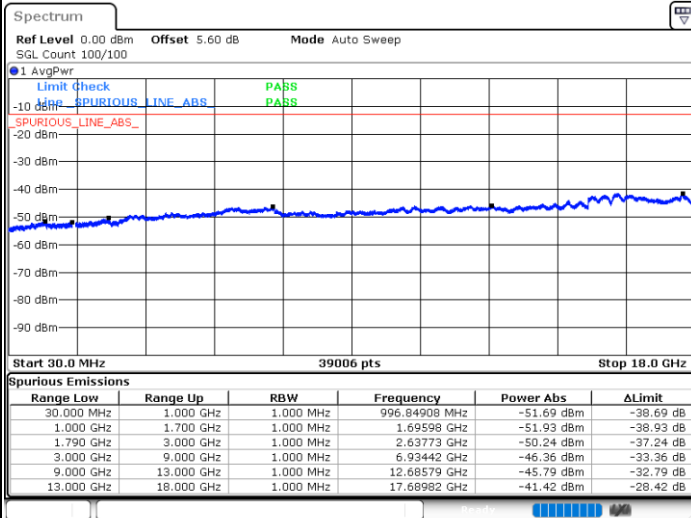
Date: 18.JUL.2024 02:00:45



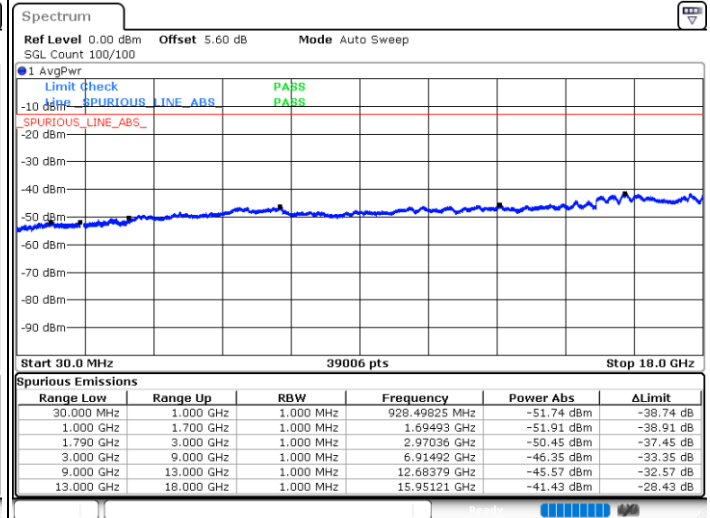
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

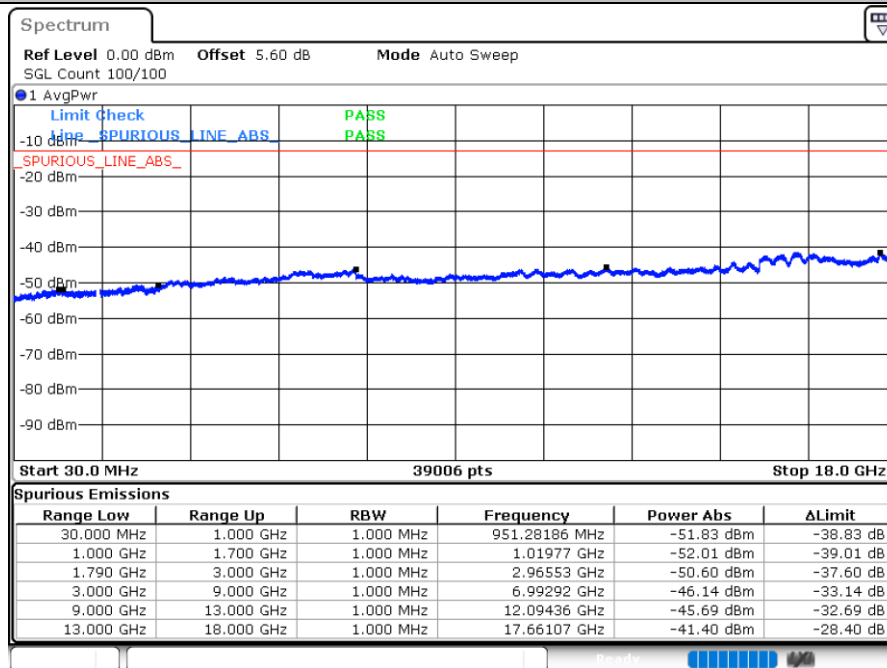


Date: 18.JUL.2024 00:57:19



Date: 18.JUL.2024 01:19:07

Highest Channel / QPSK



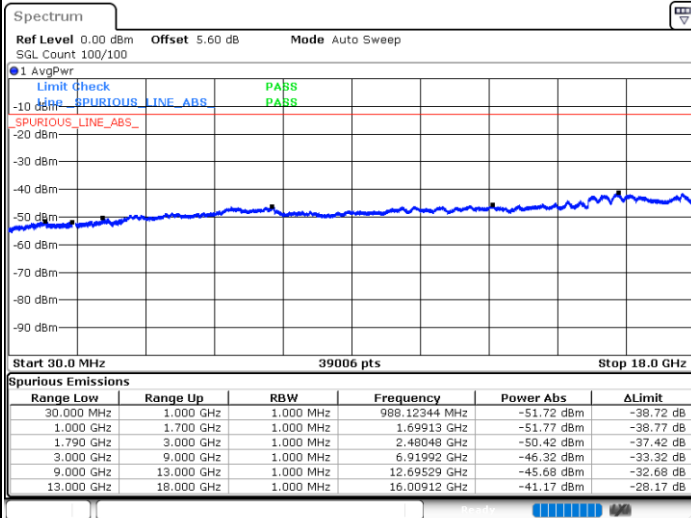
Date: 18.JUL.2024 01:22:24



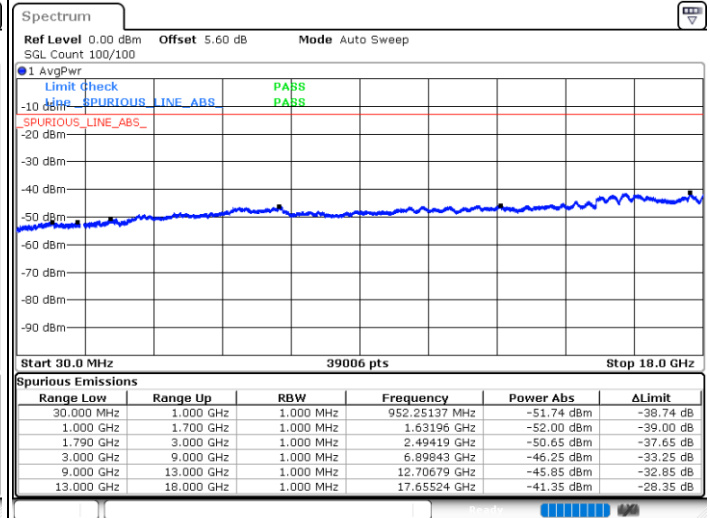
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

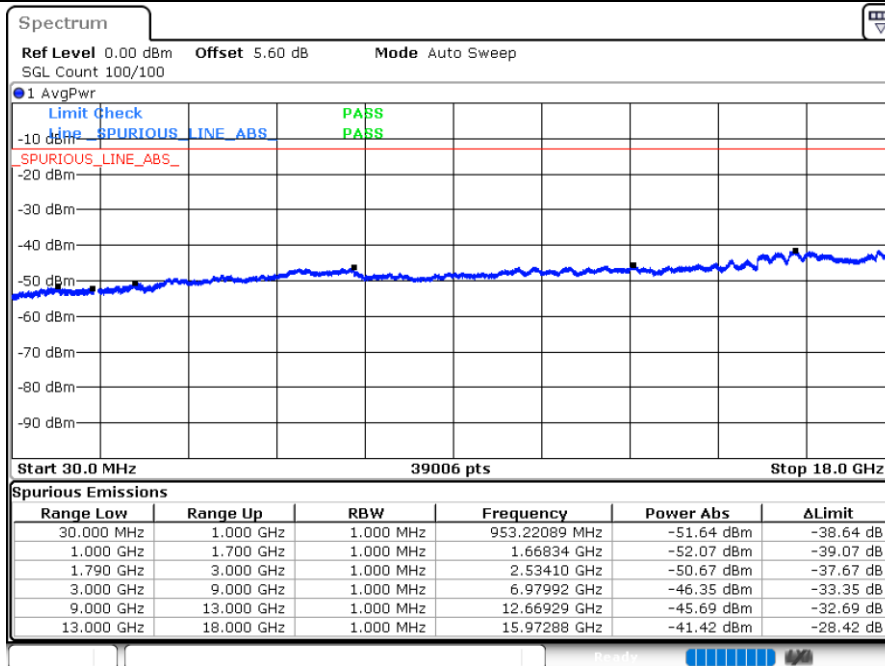


Date: 18.JUL.2024 00:45:10



Date: 18.JUL.2024 00:50:26

Highest Channel / QPSK



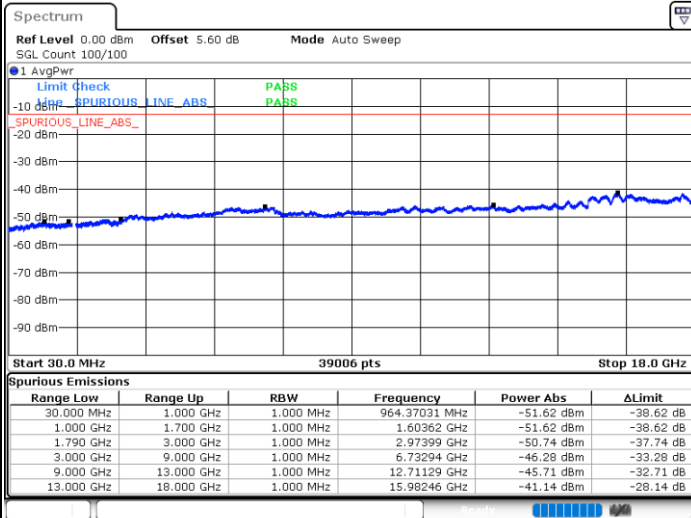
Date: 18.JUL.2024 00:51:43



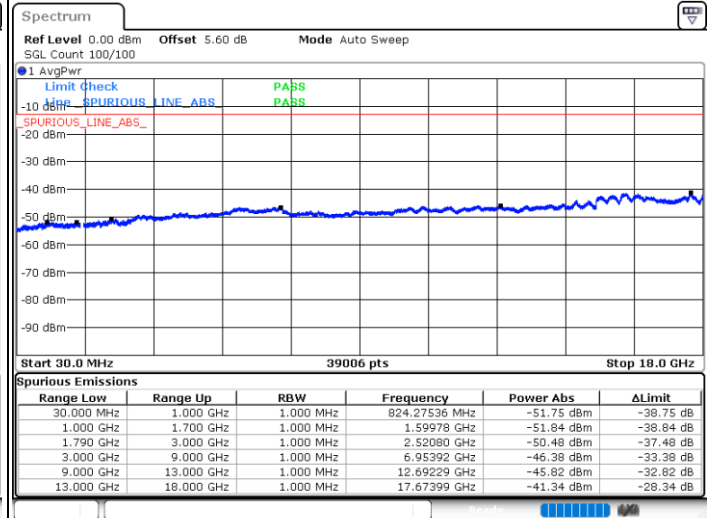
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

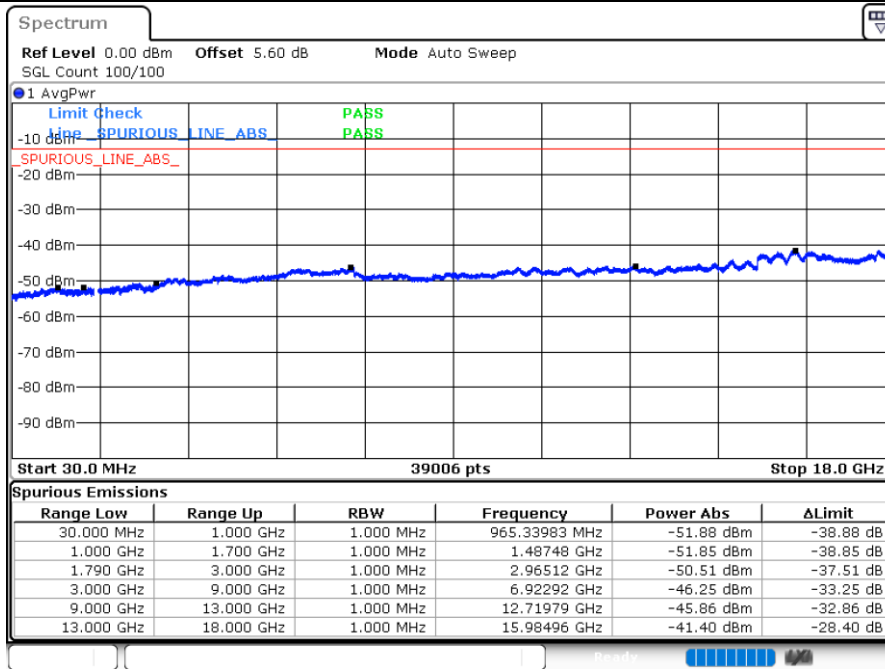


Date: 17.JUL.2024 22:13:51



Date: 17.JUL.2024 22:25:02

Highest Channel / QPSK



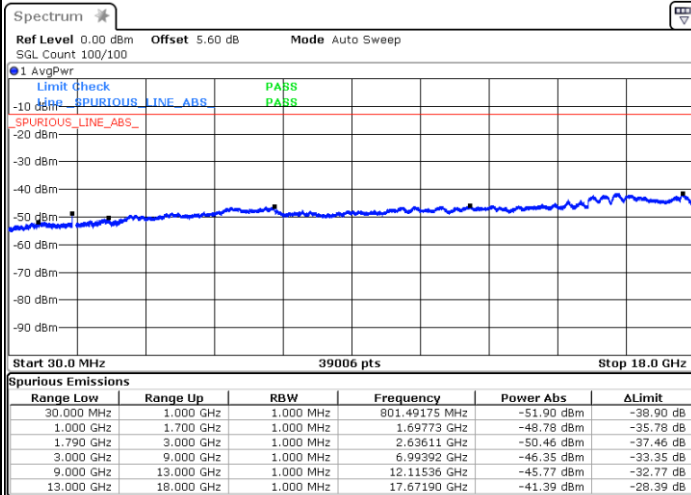
Date: 17.JUL.2024 22:56:48



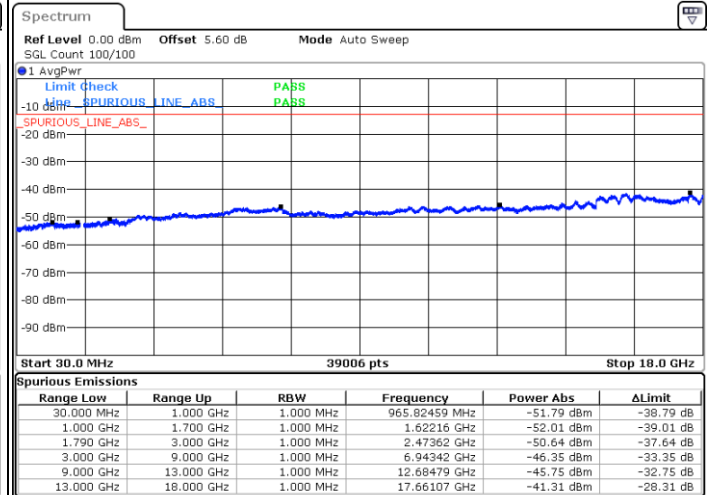
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

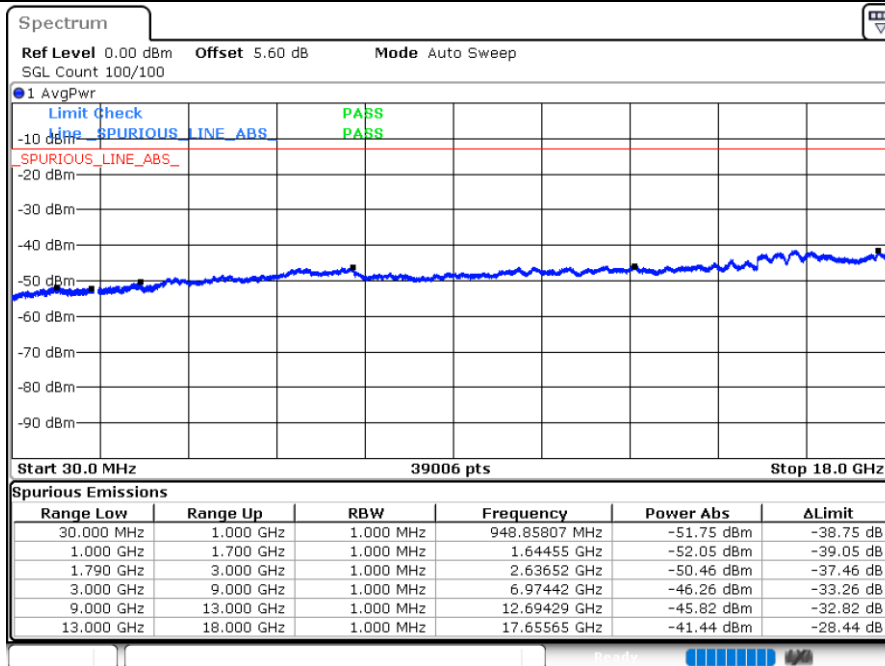


Date: 17.JUL.2024 21:49:02



Date: 17.JUL.2024 21:59:08

Highest Channel / QPSK



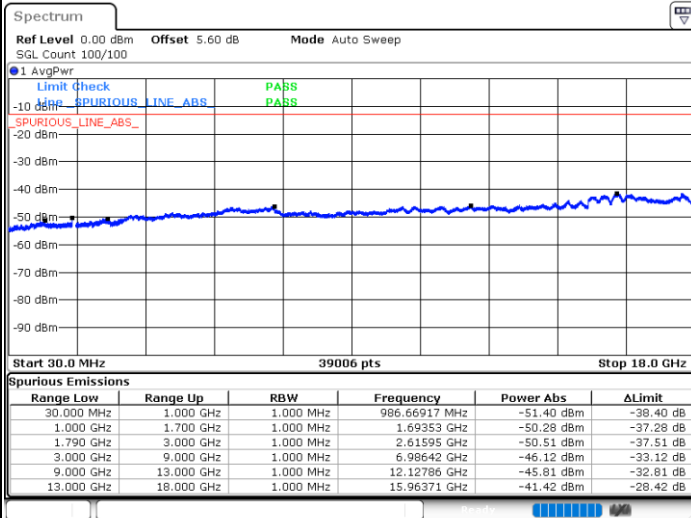
Date: 17.JUL.2024 22:00:52



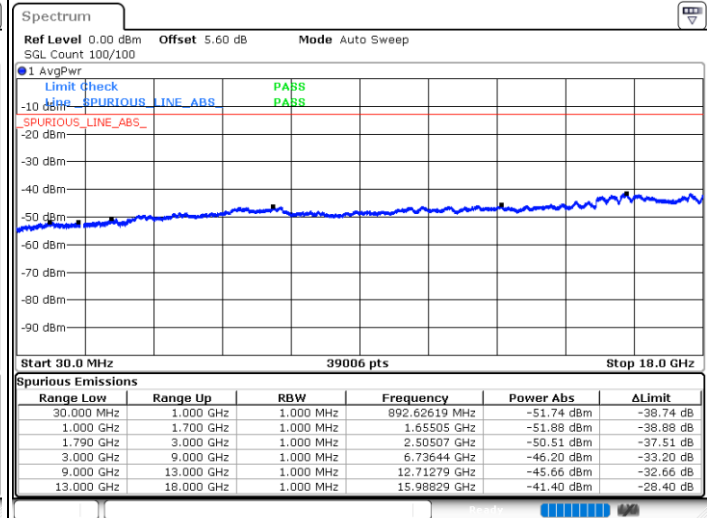
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

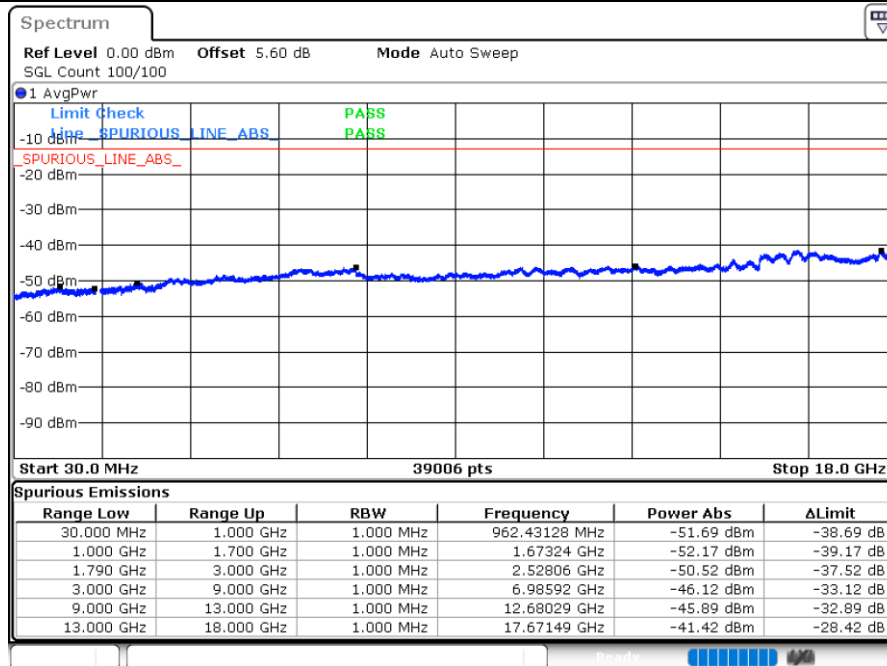


Date: 17.JUL.2024 19:53:40



Date: 17.JUL.2024 19:21:52

Highest Channel / QPSK



Date: 17.JUL.2024 19:46:17

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	0.0030	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.41 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%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 2 / 20MHz / QPSK / ANT2								
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	-54.69	-13	-41.69	-66.95	2.64	14.90	H
	5550	-54.68	-13	-41.68	-66.54	2.94	14.80	H
	7410	-53.45	-13	-40.45	-63.22	3.39	13.16	H
	3705	-55.05	-13	-42.05	-67.31	2.64	14.90	V
	5550	-54.95	-13	-41.95	-66.81	2.94	14.80	V
	7410	-53.92	-13	-40.92	-63.69	3.39	13.16	V
Middle	3735	-55.48	-13	-42.48	-67.74	2.64	14.90	H
	5610	-54.34	-13	-41.34	-66.20	2.94	14.80	H
	7485	-53.62	-13	-40.62	-63.39	3.39	13.16	H
	3735	-55.50	-13	-42.50	-67.76	2.64	14.90	V
	5610	-54.63	-13	-41.63	-66.49	2.94	14.80	V
	7485	-53.74	-13	-40.74	-63.51	3.39	13.16	V
Highest	3780	-56.05	-13	-43.05	-68.31	2.64	14.90	H
	5670	-54.90	-13	-41.90	-66.76	2.94	14.80	H
	7560	-52.83	-13	-39.83	-62.60	3.39	13.16	H
	3780	-56.21	-13	-43.21	-68.47	2.64	14.90	V
	5670	-54.96	-13	-41.96	-66.82	2.94	14.80	V
	7560	-53.28	-13	-40.28	-63.05	3.39	13.16	V

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



LTE Band 2 / 20MHz / QPSK / ANT2 for 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)
Lowest	3702.18	-55.48	-13	-42.48	-67.74	2.64	14.90	H
	5550	-55.54	-13	-42.54	-67.40	2.94	14.80	H
	7410	-54.80	-13	-41.80	-64.57	3.39	13.16	H
	3705	-55.56	-13	-42.56	-67.82	2.64	14.90	V
	5550	-55.94	-13	-42.94	-67.80	2.94	14.80	V
	7410	-55.04	-13	-42.04	-64.81	3.39	13.16	V
Middle	3735	-56.70	-13	-43.70	-68.96	2.64	14.90	H
	5610	-55.43	-13	-42.43	-67.29	2.94	14.80	H
	7485	-54.54	-13	-41.54	-64.31	3.39	13.16	H
	3735	-56.74	-13	-43.74	-69.00	2.64	14.90	V
	5610	-56.02	-13	-43.02	-67.88	2.94	14.80	V
	7485	-54.42	-13	-41.42	-64.19	3.39	13.16	V
Highest	3795	-46.97	-13	-33.97	-59.23	2.64	14.90	H
	5670	-55.89	-13	-42.89	-67.75	2.94	14.80	H
	7560	-54.18	-13	-41.18	-63.95	3.39	13.16	H
	3795	-46.07	-13	-33.07	-58.33	2.64	14.90	V
	5670	-56.15	-13	-43.15	-68.01	2.94	14.80	V
	7560	-54.31	-13	-41.31	-64.08	3.39	13.16	V

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

LTE Band 66 / 20MHz / QPSK / ANT2								
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	-51.35	-13	-38.35	-62.09	2.604	13.34	H
	5130	-54.08	-13	-41.08	-64.59	3.011	13.52	H
	6840	-55.25	-13	-42.25	-65.45	3.271	13.47	H
	3420	-57.21	-13	-44.21	-67.95	2.604	13.34	V
	5130	-53.42	-13	-40.42	-63.93	3.011	13.52	V
	6840	-55.58	-13	-42.58	-65.78	3.271	13.47	V
Middle	3465	-57.80	-13	-44.80	-68.54	2.604	13.34	H
	5205	-53.40	-13	-40.40	-63.91	3.011	13.52	H
	6945	-54.41	-13	-41.41	-64.61	3.271	13.47	H
	3465	-52.18	-13	-39.18	-62.92	2.604	13.34	V
	5205	-53.57	-13	-40.57	-64.08	3.011	13.52	V
	6945	-54.39	-13	-41.39	-64.59	3.271	13.47	V
Highest	3525	-57.90	-13	-44.90	-68.64	2.604	13.34	H
	5280	-51.66	-13	-38.66	-62.17	3.011	13.52	H
	7050	-55.28	-13	-42.28	-65.48	3.271	13.47	H
	3525	-57.82	-13	-44.82	-68.56	2.604	13.34	V
	5280	-52.34	-13	-39.34	-62.85	3.011	13.52	V
	7050	-55.31	-13	-42.31	-65.51	3.271	13.47	V

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



LTE CA_66B / 10MHz+10MHz / QPSK / ANT2								
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	-57.20	-13	-44.20	-67.94	2.604	13.34	H
	5130	-53.95	-13	-40.95	-64.46	3.011	13.52	H
	6840	-55.34	-13	-42.34	-65.54	3.271	13.47	H
	3420	-57.35	-13	-44.35	-68.09	2.604	13.34	V
	5130	-54.22	-13	-41.22	-64.73	3.011	13.52	V
	6840	-54.92	-13	-41.92	-65.12	3.271	13.47	V
	3435	-57.48	-13	-44.48	-68.22	2.604	13.34	H
	5160	-53.69	-13	-40.69	-64.20	3.011	13.52	H
	6885	-55.26	-13	-42.26	-65.46	3.271	13.47	H
	3435	-58.01	-13	-45.01	-68.75	2.604	13.34	V
	5160	-54.37	-13	-41.37	-64.88	3.011	13.52	V
	6885	-55.62	-13	-42.62	-65.82	3.271	13.47	V
Middle	3495	-57.96	-13	-44.96	-68.70	2.604	13.34	H
	5235	-55.08	-13	-42.08	-65.59	3.011	13.52	H
	6990	-55.34	-13	-42.34	-65.54	3.271	13.47	H
	3495	-58.45	-13	-45.45	-69.19	2.604	13.34	V
	5235	-54.97	-13	-41.97	-65.48	3.011	13.52	V
	6990	-55.38	-13	-42.38	-65.58	3.271	13.47	V
	3510	-57.80	-13	-44.80	-68.54	2.604	13.34	H
	5265	-55.17	-13	-42.17	-65.68	3.011	13.52	H
	7020	-55.23	-13	-42.23	-65.43	3.271	13.47	H
	3510	-57.82	-13	-44.82	-68.56	2.604	13.34	V
	5265	-54.52	-13	-41.52	-65.03	3.011	13.52	V
	7020	-55.10	-13	-42.10	-65.30	3.271	13.47	V
Highest	3525	-58.21	-13	-45.21	-68.95	2.604	13.34	H
	5280	-54.99	-13	-41.99	-65.50	3.011	13.52	H
	7050	-55.36	-13	-42.36	-65.56	3.271	13.47	H
	3525	-58.33	-13	-45.33	-69.07	2.604	13.34	V
	5280	-54.76	-13	-41.76	-65.27	3.011	13.52	V
	7050	-55.03	-13	-42.03	-65.23	3.271	13.47	V
	3540	-57.45	-13	-44.45	-68.19	2.604	13.34	H
	5310	-55.04	-13	-42.04	-65.55	3.011	13.52	H
	7080	-54.67	-13	-41.67	-64.87	3.271	13.47	H
	3540	-57.76	-13	-44.76	-68.50	2.604	13.34	V
	5310	-55.06	-13	-42.06	-65.57	3.011	13.52	V
	7080	-54.48	-13	-41.48	-64.68	3.271	13.47	V

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



LTE CA_66C / 20MHz+ 20MHz / QPSK / ANT2								
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	-56.10	-13	-43.10	-66.84	2.604	13.34	H
	5130	-53.69	-13	-40.69	-64.20	3.011	13.52	H
	6840	-55.18	-13	-42.18	-65.38	3.271	13.47	H
	3420	-57.21	-13	-44.21	-67.95	2.604	13.34	V
	5130	-54.41	-13	-41.41	-64.92	3.011	13.52	V
	6840	-55.70	-13	-42.70	-65.90	3.271	13.47	V
	3465	-57.14	-13	-44.14	-67.88	2.604	13.34	H
	5190	-54.56	-13	-41.56	-65.07	3.011	13.52	H
	6930	-55.23	-13	-42.23	-65.43	3.271	13.47	H
	3465	-51.20	-13	-38.20	-61.94	2.604	13.34	V
	5190	-54.62	-13	-41.62	-65.13	3.011	13.52	V
	6930	-55.46	-13	-42.46	-65.66	3.271	13.47	V
Middle	3465	-57.26	-13	-44.26	-68.00	2.604	13.34	H
	5205	-54.68	-13	-41.68	-65.19	3.011	13.52	H
	6945	-55.41	-13	-42.41	-65.61	3.271	13.47	H
	3465	-57.79	-13	-44.79	-68.53	2.604	13.34	V
	5205	-54.77	-13	-41.77	-65.28	3.011	13.52	V
	6945	-55.44	-13	-42.44	-65.64	3.271	13.47	V
	3510	-57.58	-13	-44.58	-68.32	2.604	13.34	H
	5265	-55.06	-13	-42.06	-65.57	3.011	13.52	H
	7020	-55.56	-13	-42.56	-65.76	3.271	13.47	H
	3510	-57.63	-13	-44.63	-68.37	2.604	13.34	V
	5265	-54.76	-13	-41.76	-65.27	3.011	13.52	V
	7020	-55.30	-13	-42.30	-65.50	3.271	13.47	V
Highest	3480	-58.01	-13	-45.01	-68.75	2.604	13.34	H
	5220	-53.28	-13	-40.28	-63.79	3.011	13.52	H
	6960	-54.98	-13	-41.98	-65.18	3.271	13.47	H
	3480	-58.42	-13	-45.42	-69.16	2.604	13.34	V
	5220	-54.52	-13	-41.52	-65.03	3.011	13.52	V
	6960	-55.18	-13	-42.18	-65.38	3.271	13.47	V
	3525	-57.86	-13	-44.86	-68.60	2.604	13.34	H
	5280	-54.71	-13	-41.71	-65.22	3.011	13.52	H
	7050	-55.03	-13	-42.03	-65.23	3.271	13.47	H
	3525	-58.60	-13	-45.60	-69.34	2.604	13.34	V
	5280	-54.57	-13	-41.57	-65.08	3.011	13.52	V
	7050	-54.84	-13	-41.84	-65.04	3.271	13.47	V

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



LTE Band 66 / 20MHz / QPSK / ANT5 for 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)
Lowest	3420	-57.61	-13	-44.61	-68.35	2.604	13.34	H
	5130	-54.76	-13	-41.76	-65.27	3.011	13.52	H
	6840	-56.08	-13	-43.08	-66.28	3.271	13.47	H
	3420	-58.11	-13	-45.11	-68.85	2.604	13.34	V
	5130	-54.87	-13	-41.87	-65.38	3.011	13.52	V
	6840	-55.83	-13	-42.83	-66.03	3.271	13.47	V
Middle	3465	-57.14	-13	-44.14	-67.88	2.604	13.34	H
	5205	-54.93	-13	-41.93	-65.44	3.011	13.52	H
	6945	-55.67	-13	-42.67	-65.87	3.271	13.47	H
	3465	-57.32	-13	-44.32	-68.06	2.604	13.34	V
	5205	-55.00	-13	-42.00	-65.51	3.011	13.52	V
	6945	-55.79	-13	-42.79	-65.99	3.271	13.47	V
Highest	3525	-57.45	-13	-44.45	-68.19	2.604	13.34	H
	5280	-55.21	-13	-42.21	-65.72	3.011	13.52	H
	7050	-55.47	-13	-42.47	-65.67	3.271	13.47	H
	3525	-58.16	-13	-45.16	-68.90	2.604	13.34	V
	5280	-55.28	-13	-42.28	-65.79	3.011	13.52	V
	7050	-54.98	-13	-41.98	-65.18	3.271	13.47	V

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