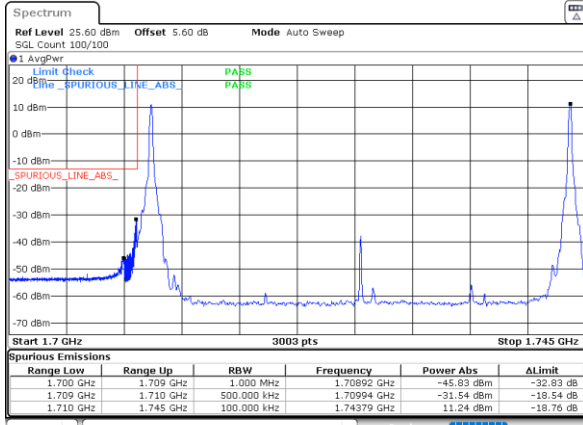




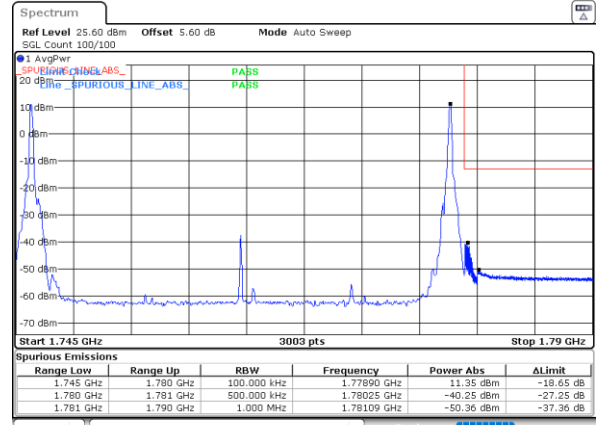
LTE Band 66C / 20MHz+15MHz

64QAM

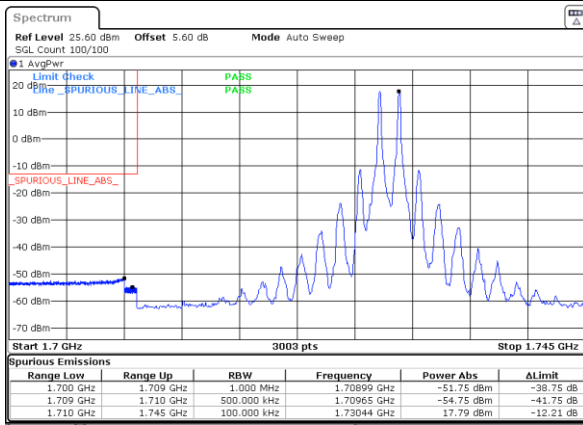
Lowest Band Edge / 1RB0 and 1RB74



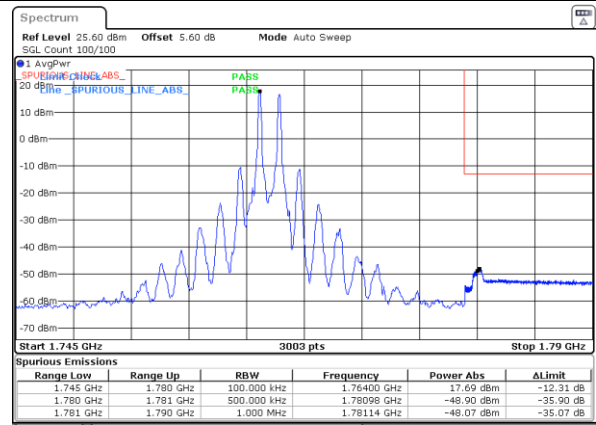
Highest Band Edge / 1RB0 and 1RB74



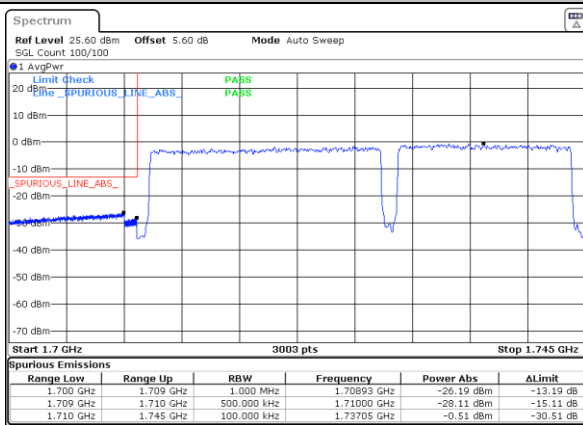
Lowest Band Edge / 1RB99 and 1RB0



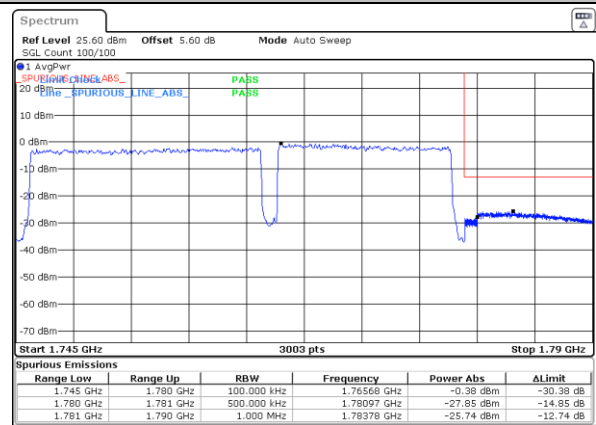
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

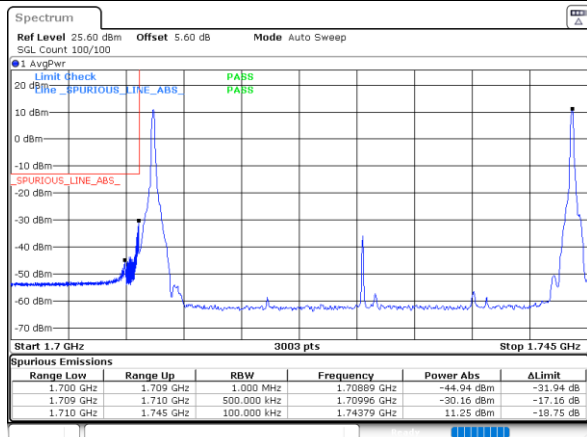




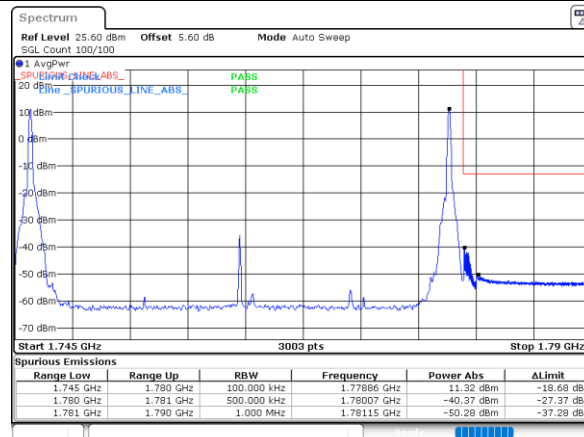
LTE Band 66C / 20MHz+15MHz

256QAM

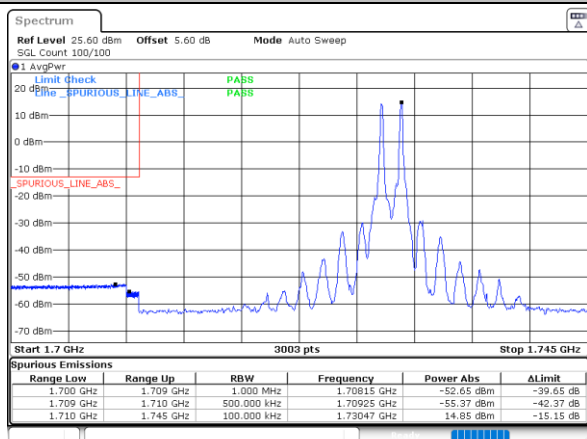
Lowest Band Edge / 1RB0 and 1RB74



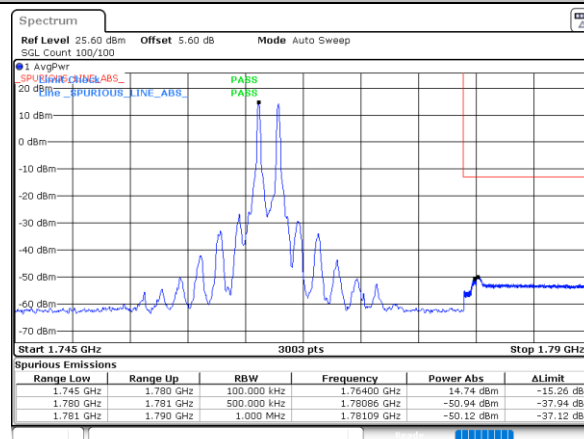
Highest Band Edge / 1RB0 and 1RB74



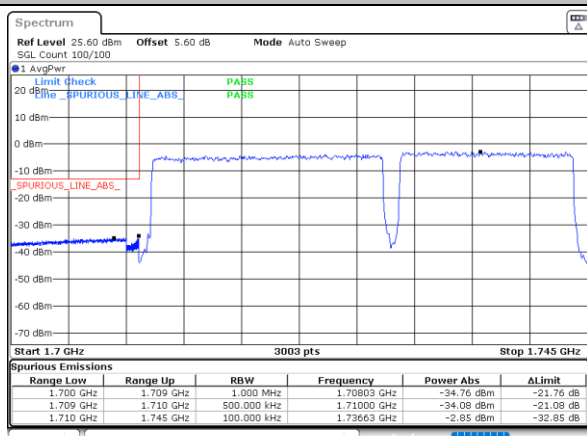
Lowest Band Edge / 1RB99 and 1RB0



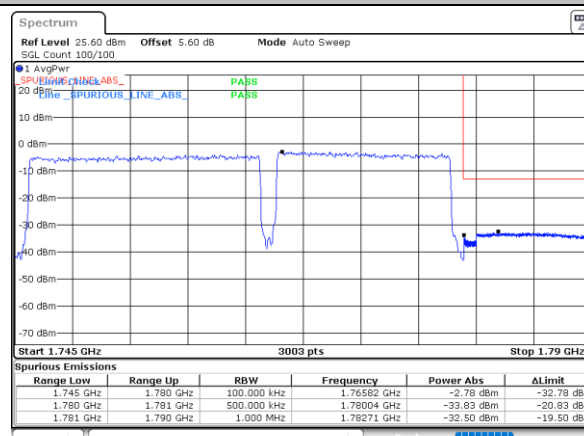
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

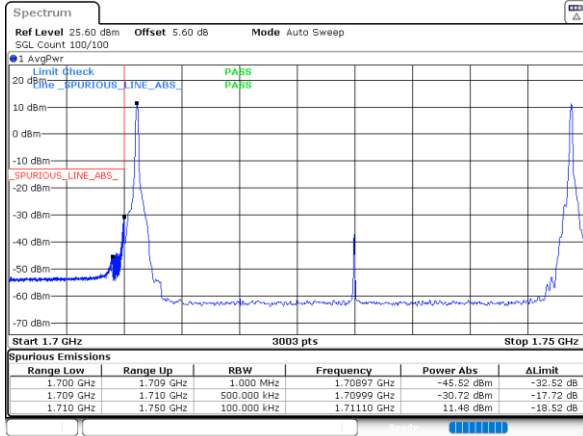




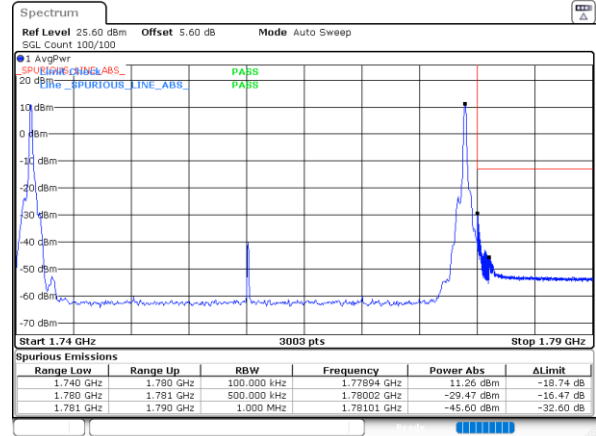
LTE Band 66C / 20MHz+20MHz

QPSK

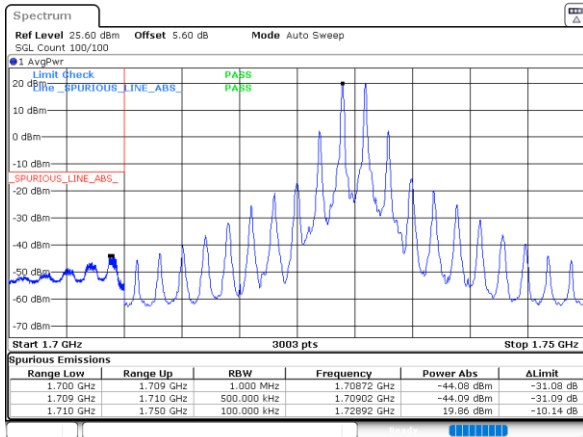
Lowest Band Edge / 1RB0 and 1RB99



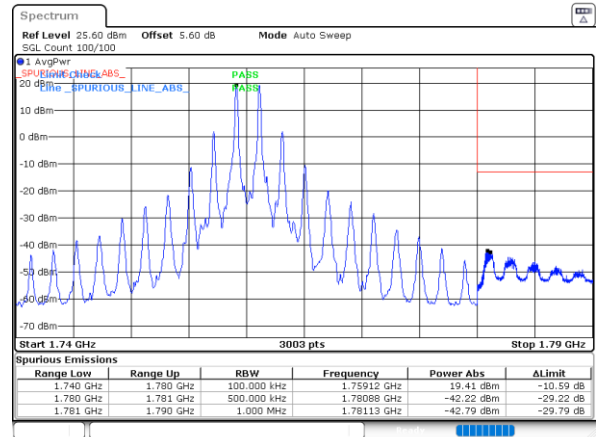
Highest Band Edge / 1RB0 and 1RB99



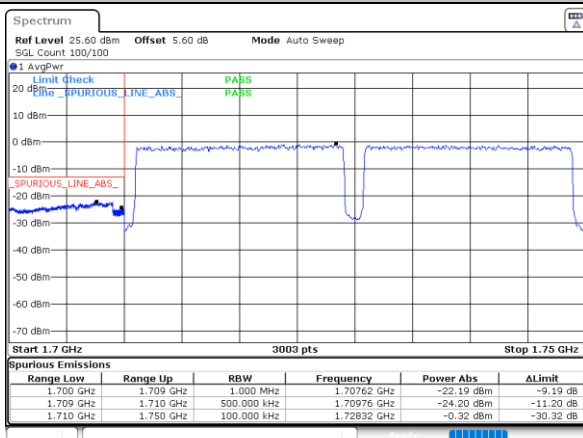
Lowest Band Edge / 1RB99 and 1RB0



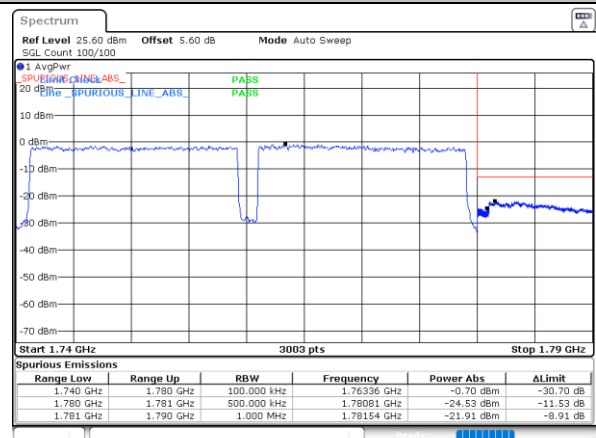
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

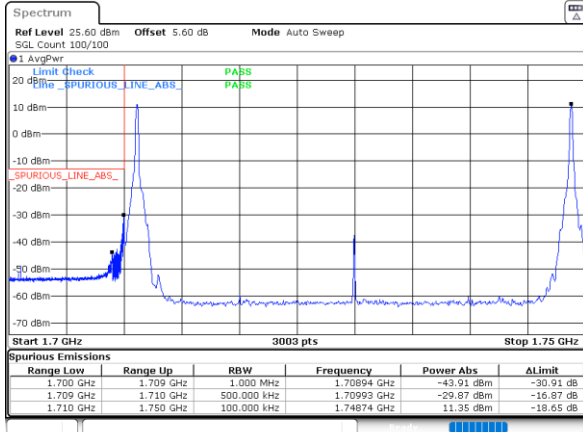




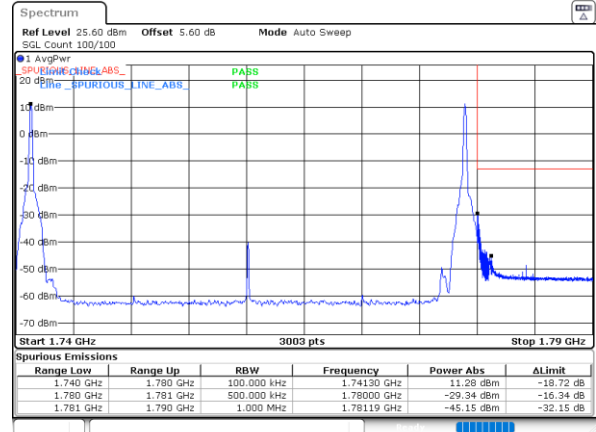
LTE Band 66C / 20MHz+20MHz

16QAM

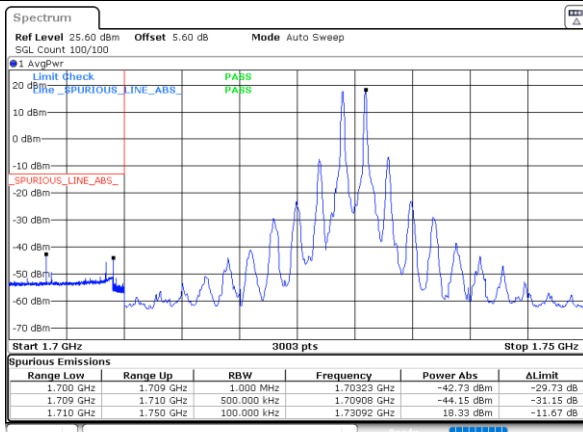
Lowest Band Edge / 1RB0 and 1RB99



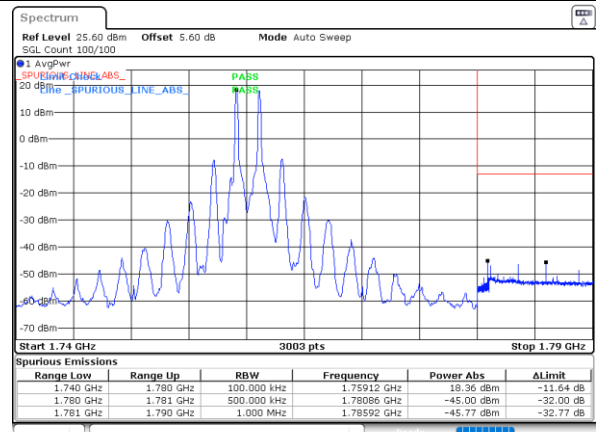
Highest Band Edge / 1RB0 and 1RB99



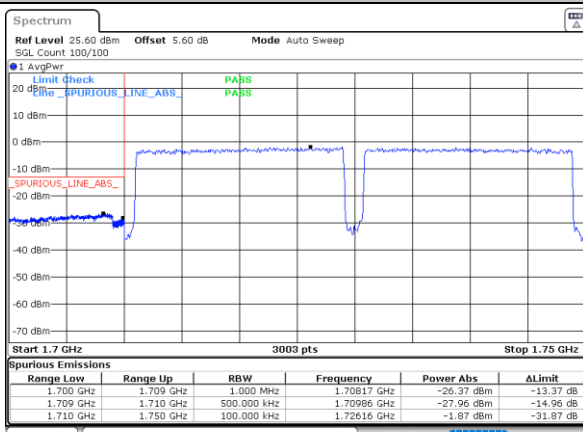
Lowest Band Edge / 1RB99 and 1RB0



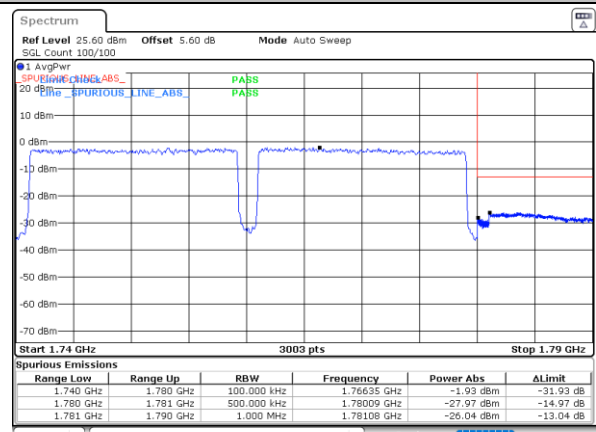
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

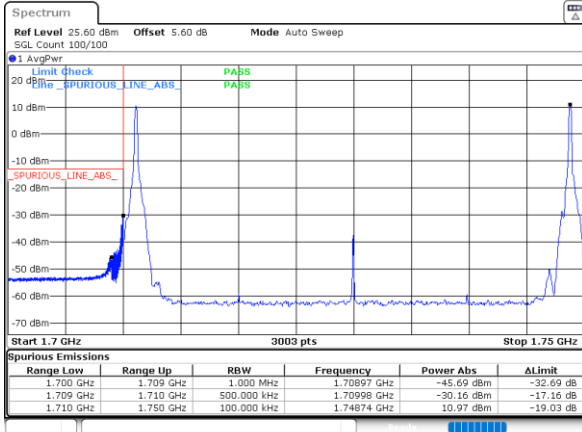




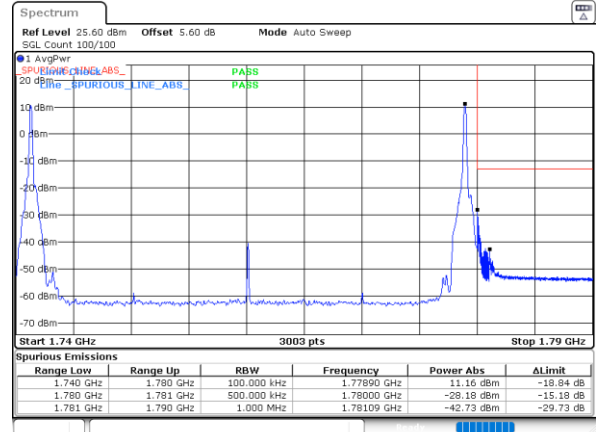
LTE Band 66C / 20MHz+20MHz

64QAM

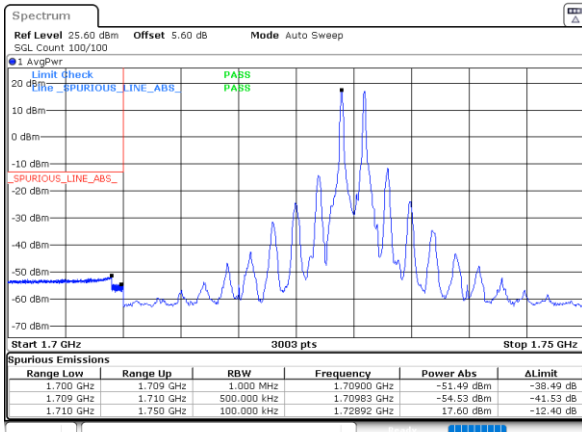
Lowest Band Edge / 1RB0 and 1RB99



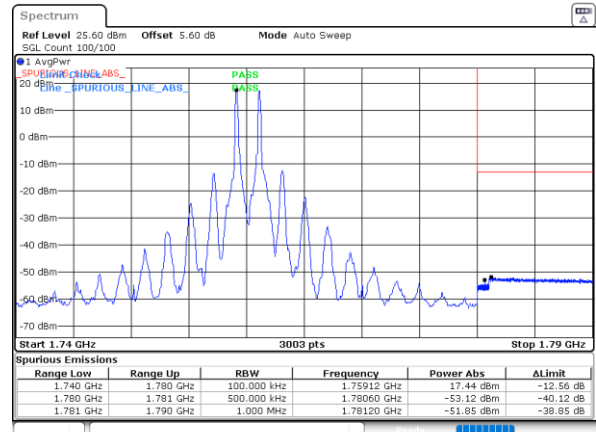
Highest Band Edge / 1RB0 and 1RB99



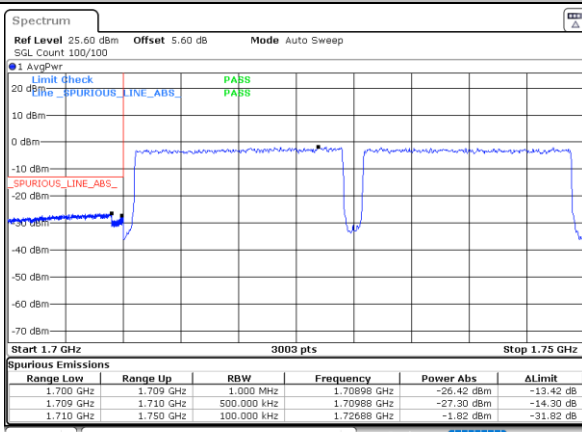
Lowest Band Edge / 1RB99 and 1RB0



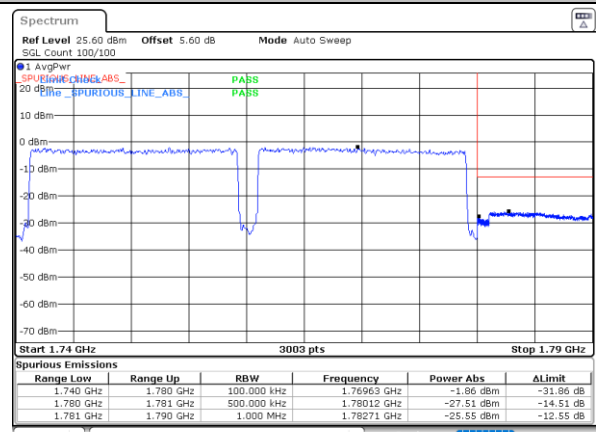
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

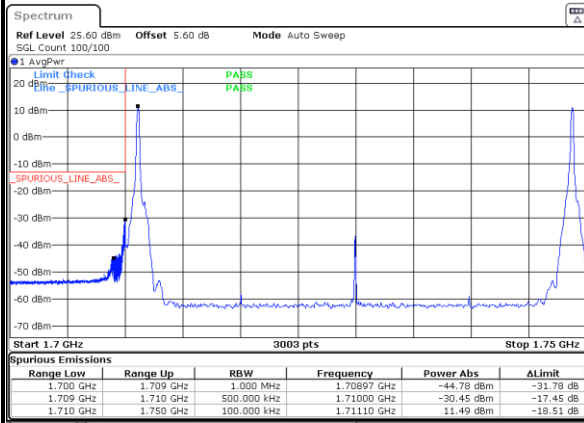




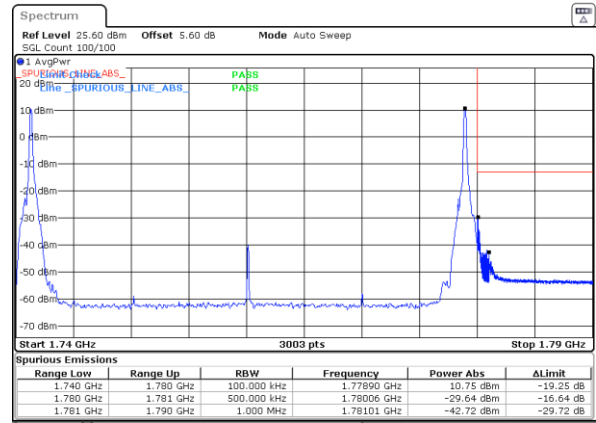
LTE Band 66C / 20MHz+20MHz

256QAM

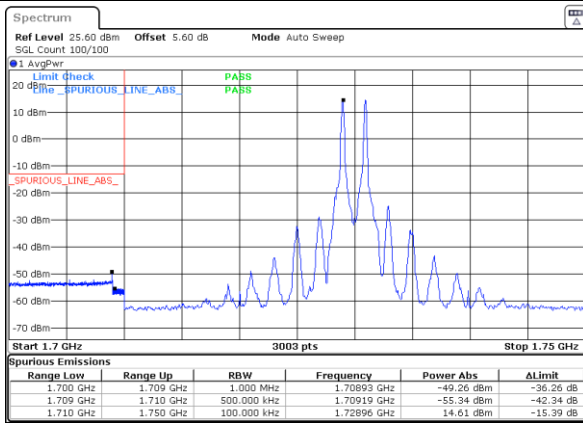
Lowest Band Edge / 1RB0 and 1RB99



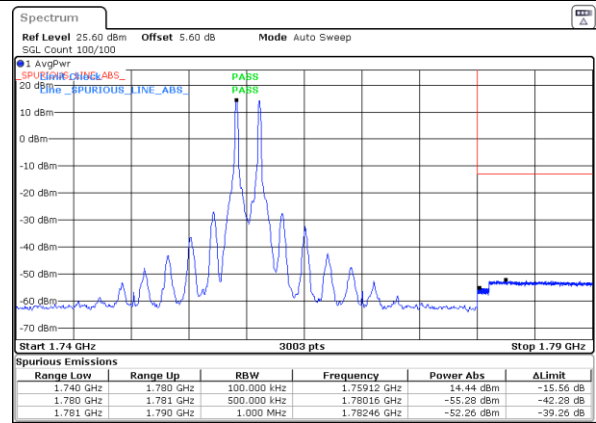
Highest Band Edge / 1RB0 and 1RB99



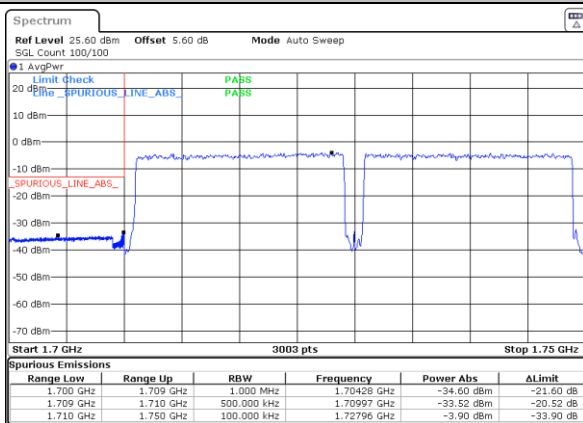
Lowest Band Edge / 1RB99 and 1RB0



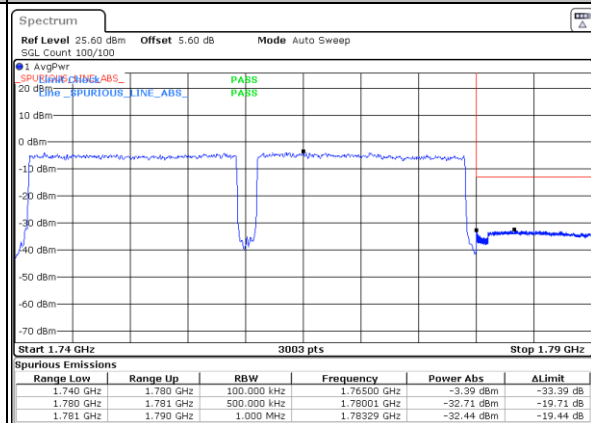
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



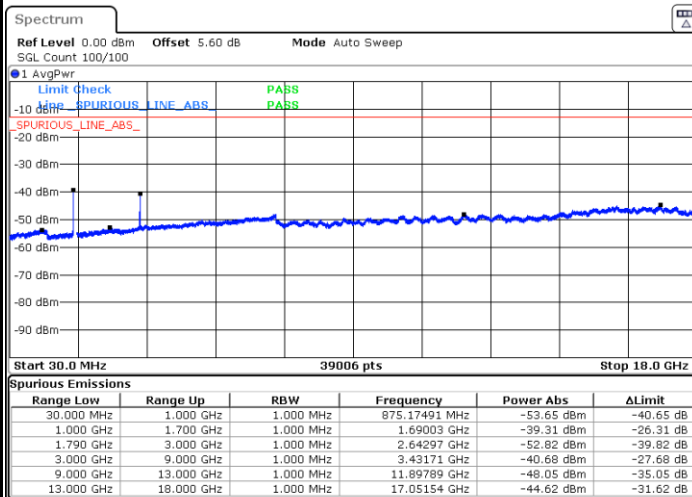
Highest Band Edge / Full RB





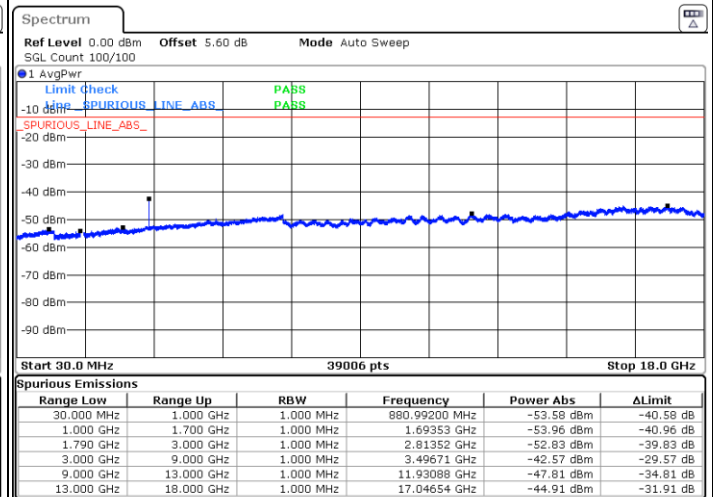
Conducted Spurious Emission

LTE Band 66C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0



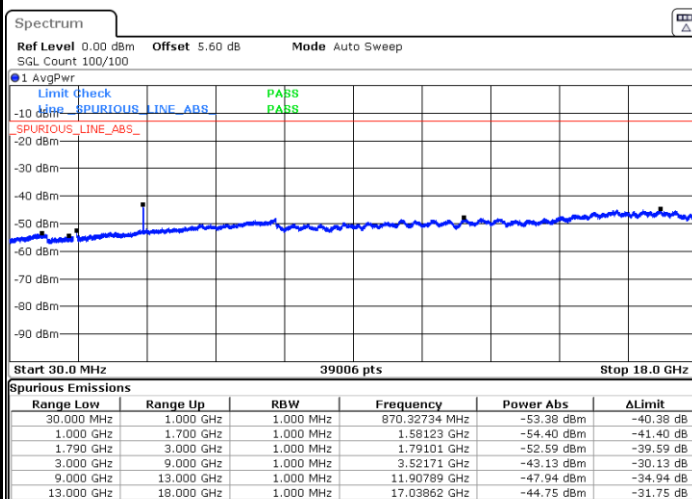
Date: 30.SEP.2024 02:43:13

LTE Band 66C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

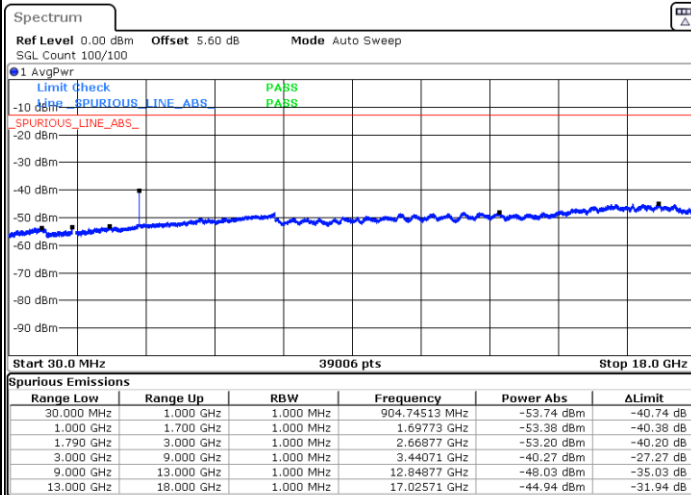


Date: 30.SEP.2024 02:46:44

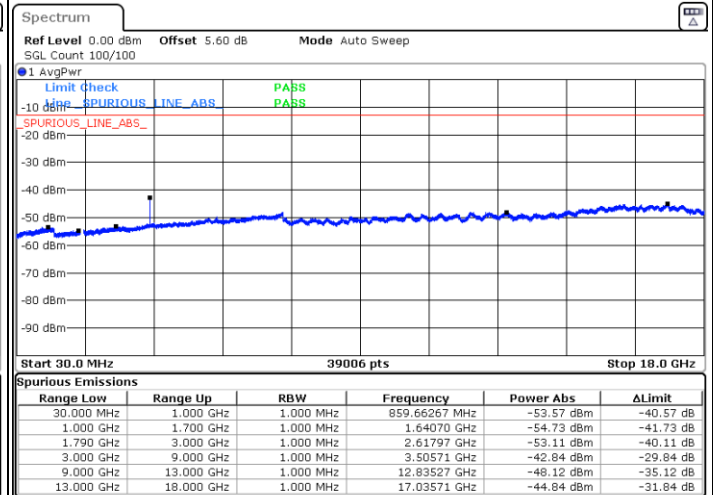
LTE Band 66C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



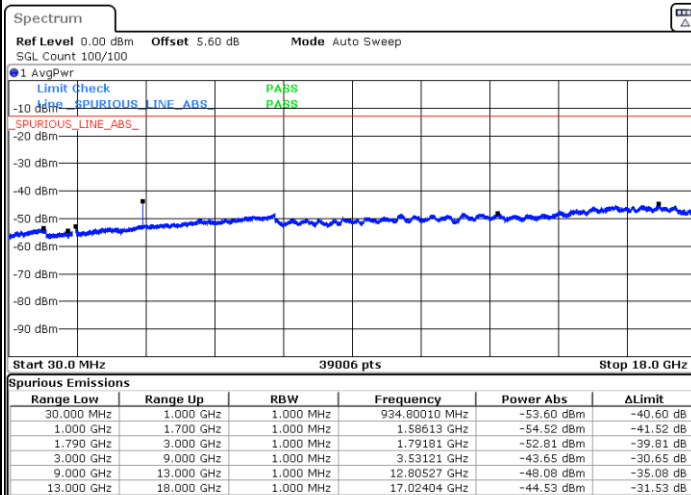
Date: 30.SEP.2024 02:58:14

LTE Band 66C / 10MHz+15MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 10MHz+15MHz QPSK Middle
Channel / 1RB24 and 1RB0

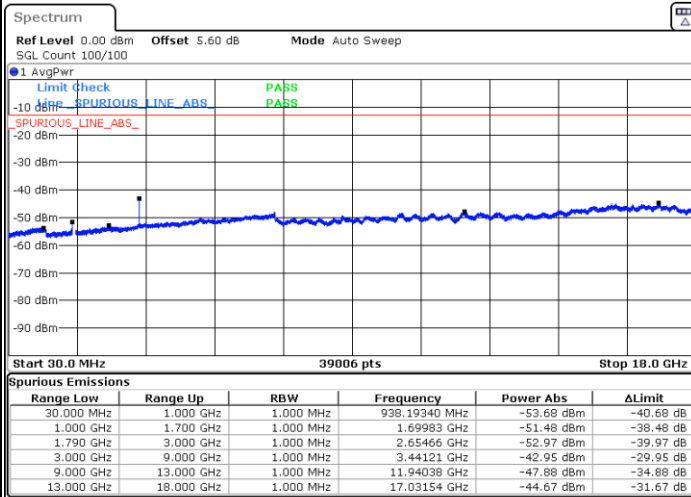
Date: 30.SEP.2024 03:09:45



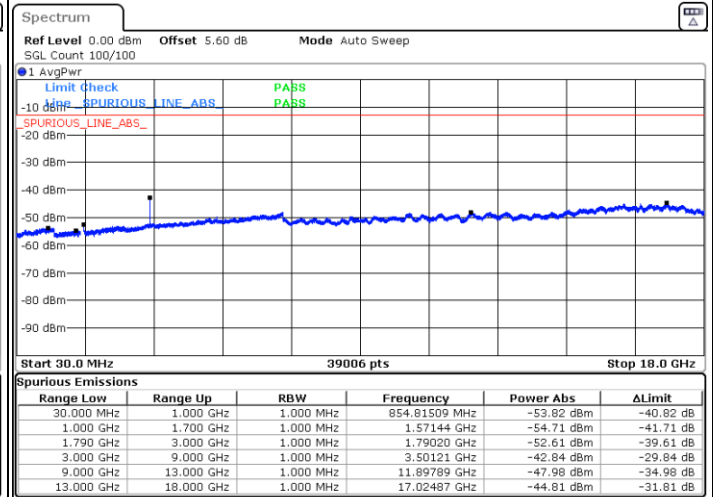
Date: 30.SEP.2024 03:11:24

LTE Band 66C / 10MHz+15MHz QPSK Highest
Channel / 1RB24 and 1RB0

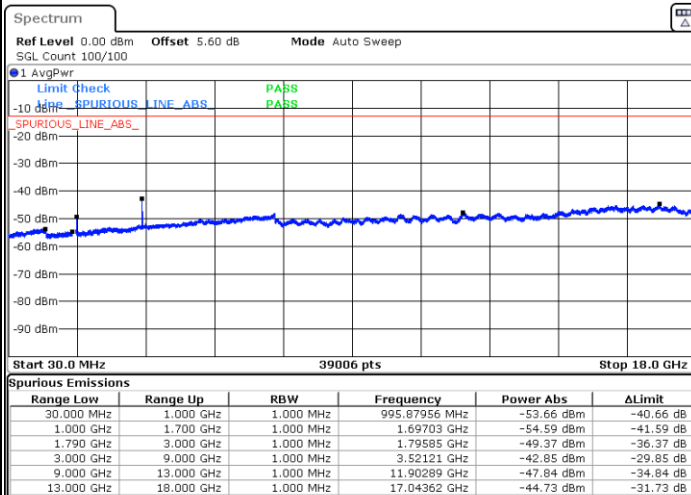
Date: 30.SEP.2024 03:24:45

LTE Band 66C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0LTE Band 66C / 10MHz+20MHz QPSK Middle
Channel / 1RB49 and 1RB0

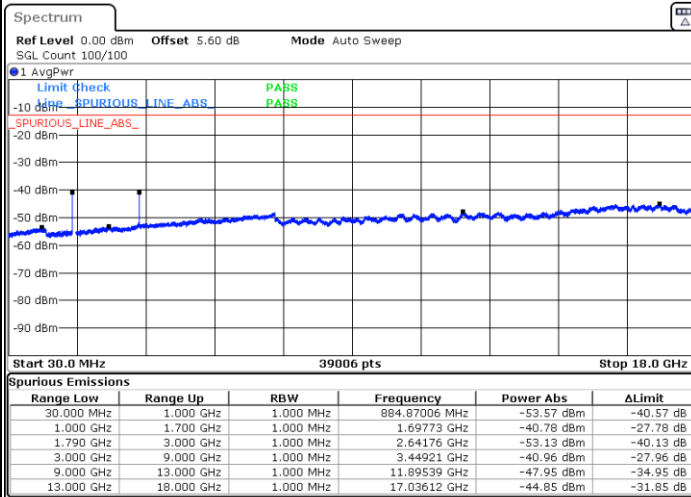
Date: 30.SEP.2024 03:56:12



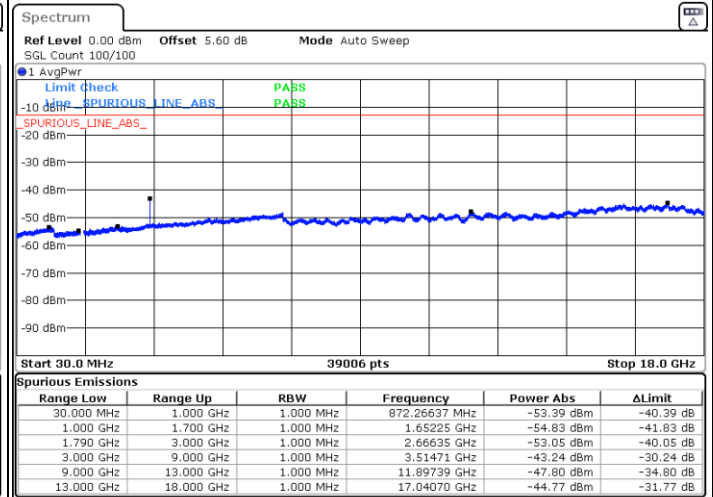
Date: 30.SEP.2024 04:09:32

LTE Band 66C / 10MHz+20MHz QPSK Highest
Channel / 1RB49 and 1RB0

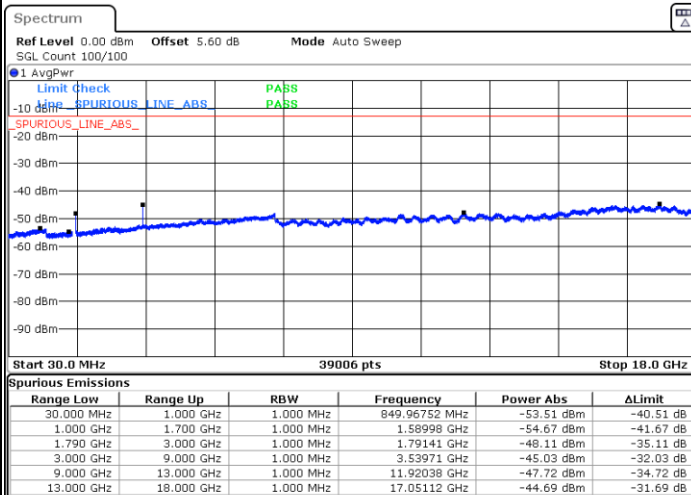
Date: 30.SEP.2024 04:21:34

LTE Band 66C / 15MHz+10MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+10MHz QPSK Middle
Channel / 1RB24 and 1RB0

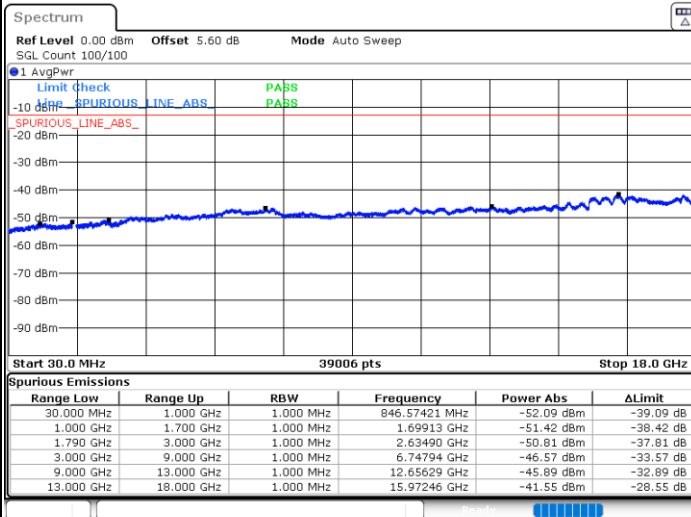
Date: 30.SEP.2024 03:54:32



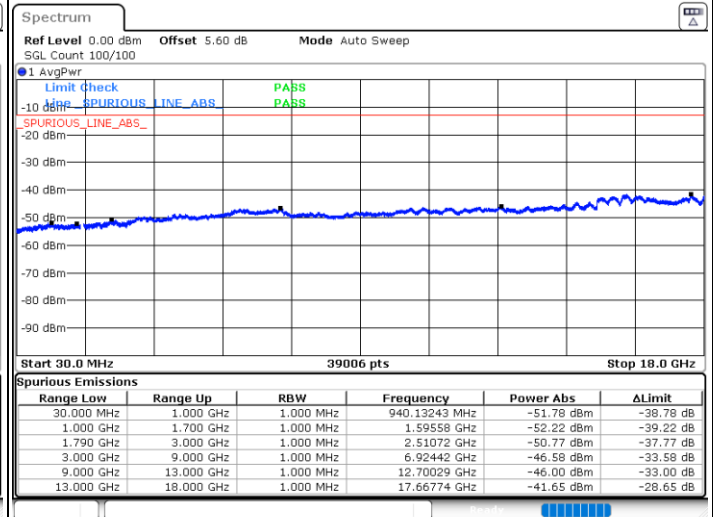
Date: 30.SEP.2024 03:38:05

LTE Band 66C / 15MHz+10MHz QPSK Highest
Channel / 1RB24 and 1RB0

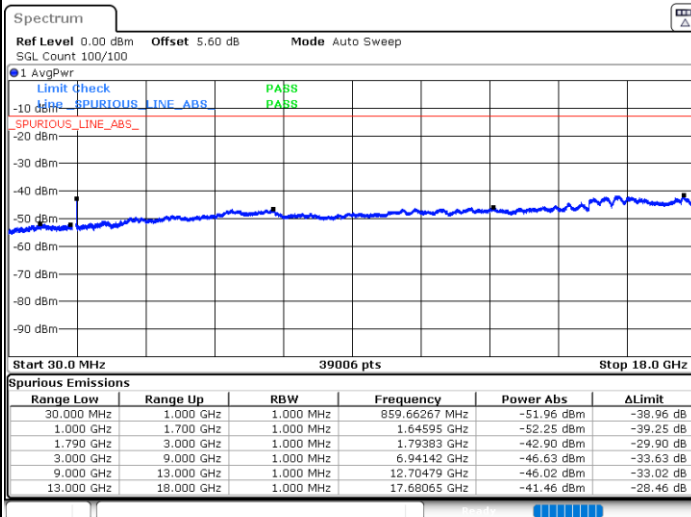
Date: 30.SEP.2024 03:26:26

LTE Band 66C / 15MHz+15MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+15MHz QPSK Middle
Channel / 1RB24 and 1RB0

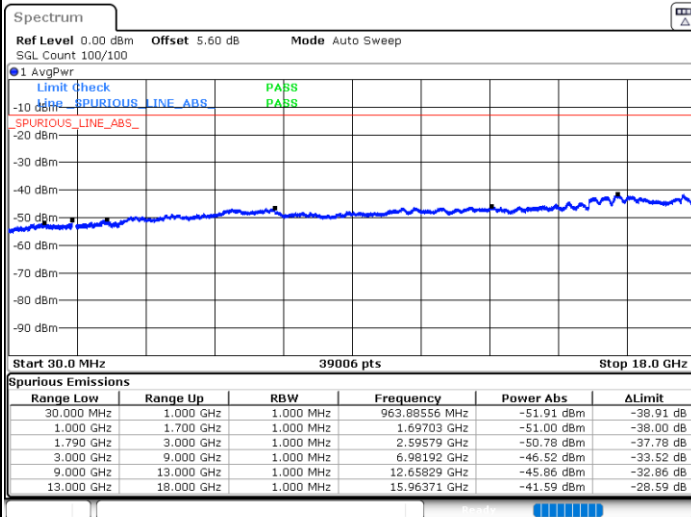
Date: 18.OCT.2024 22:03:47



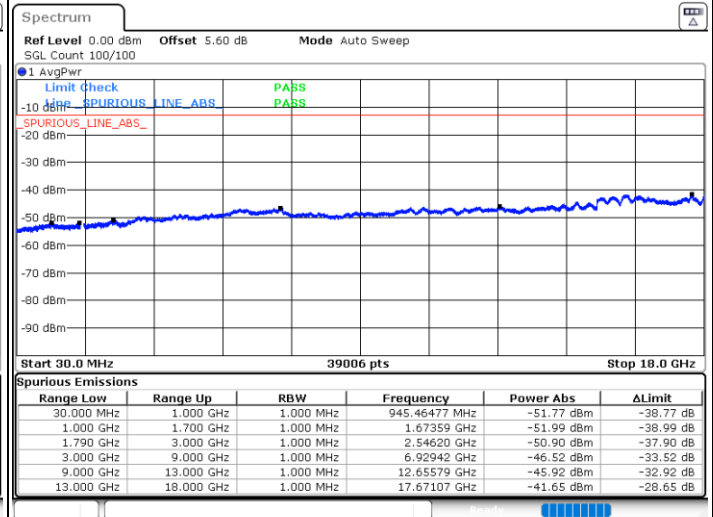
Date: 18.OCT.2024 22:05:16

LTE Band 66C / 15MHz+15MHz QPSK Highest
Channel / 1RB24 and 1RB0

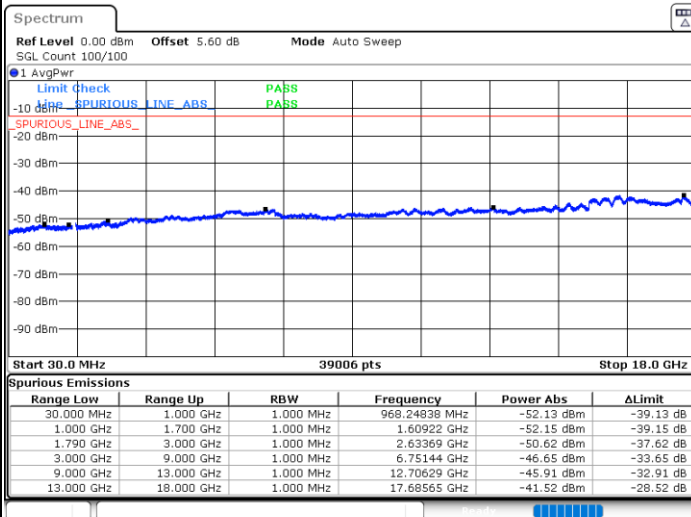
Date: 18.OCT.2024 22:07:10

LTE Band 66C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0LTE Band 66C / 15MHz+20MHz QPSK Middle
Channel / 1RB74 and 1RB0

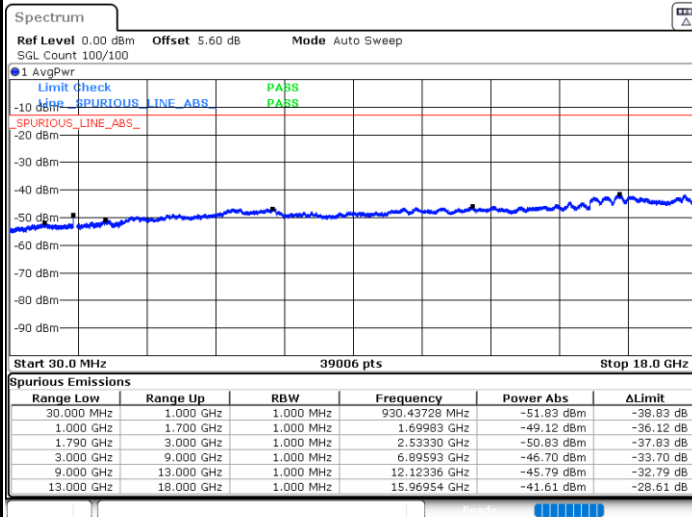
Date: 18.OCT.2024 22:28:54



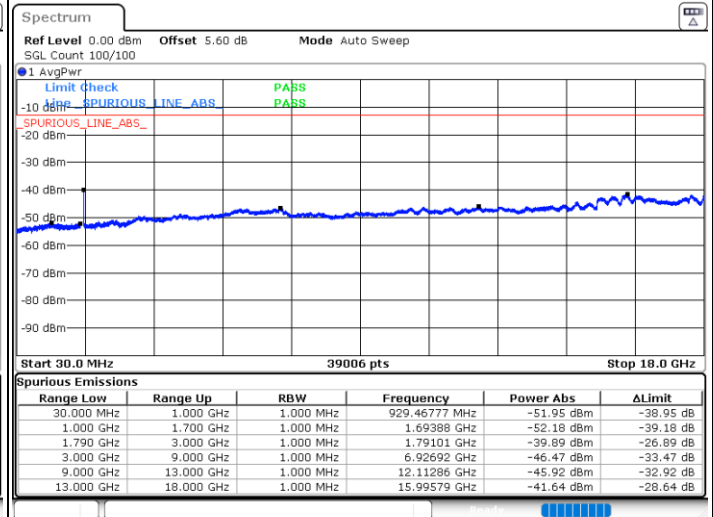
Date: 18.OCT.2024 22:30:26

LTE Band 66C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0

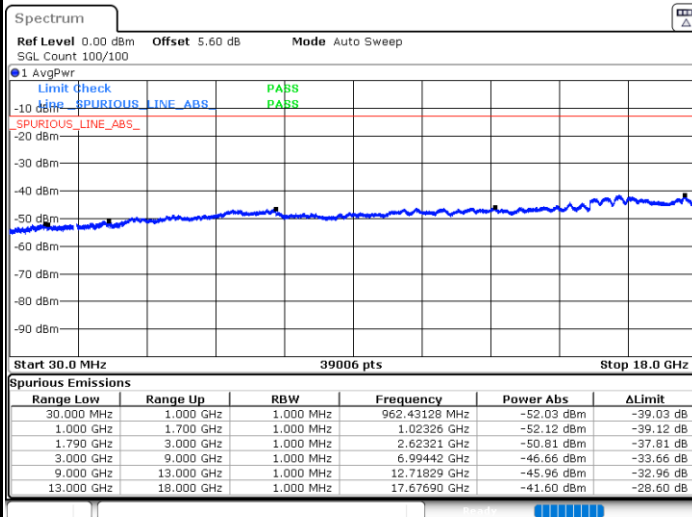
Date: 18.OCT.2024 22:32:05

LTE Band 66C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0

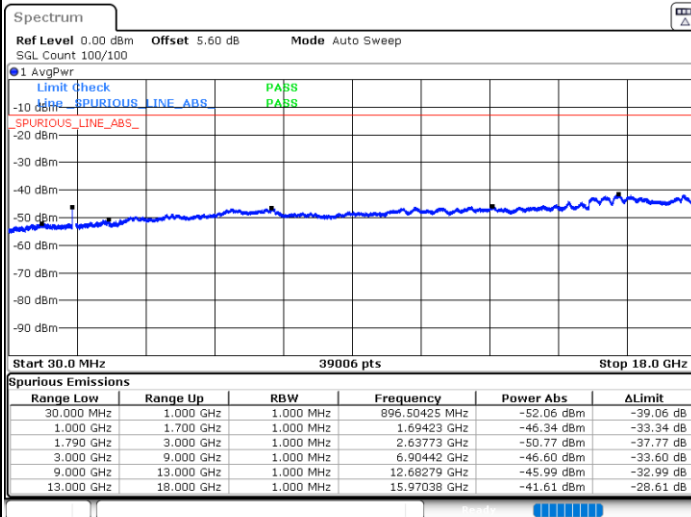
Date: 18.OCT.2024 23:18:00

LTE Band 66C / 20MHz+5MHz QPSK Middle Channel
/ 1RB99 and 1RB0

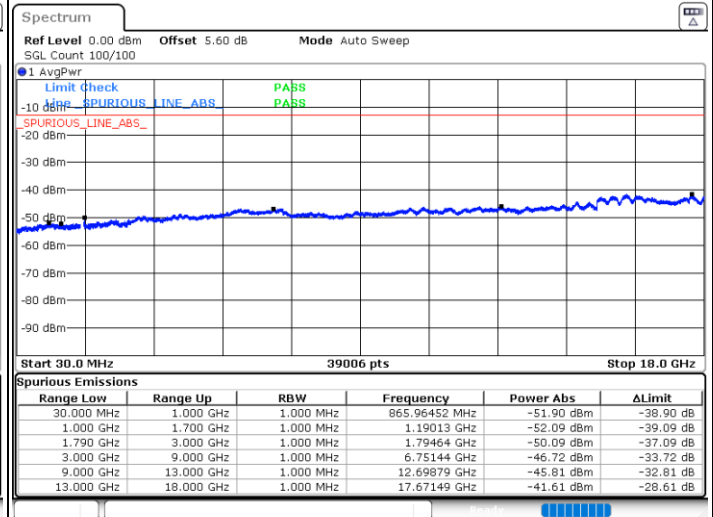
Date: 18.OCT.2024 23:19:31

LTE Band 66C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0

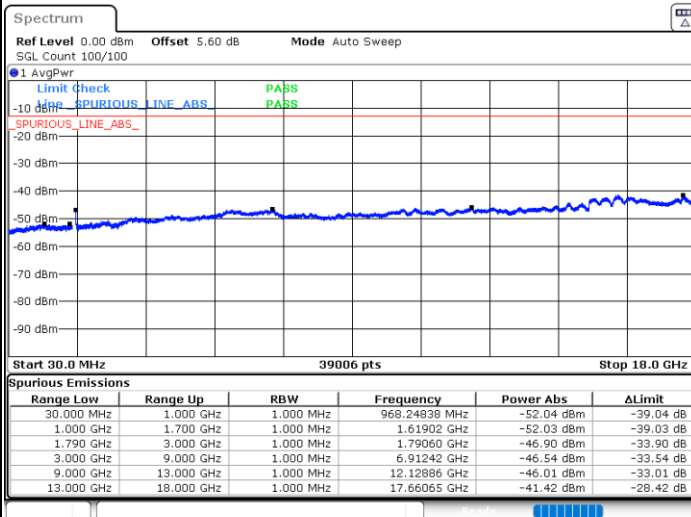
Date: 18.OCT.2024 23:21:03

LTE Band 66C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0

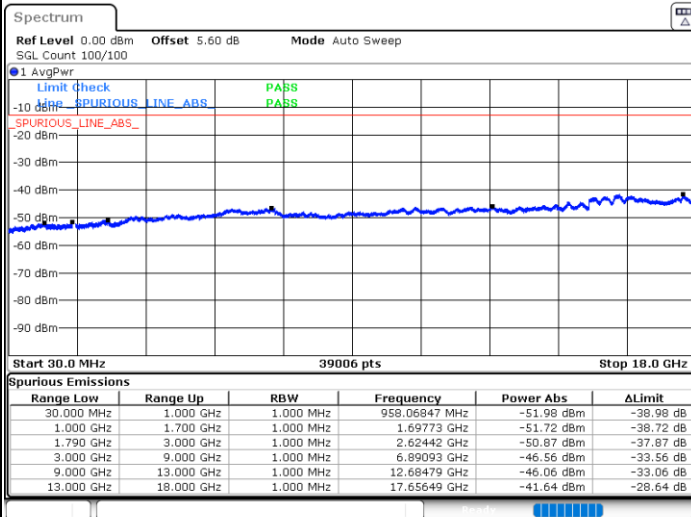
Date: 18.OCT.2024 21:56:21



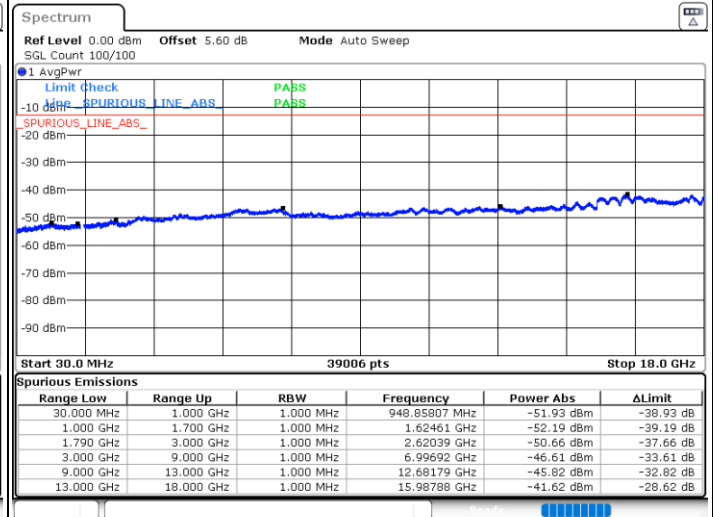
Date: 18.OCT.2024 21:57:52

LTE Band 66C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0

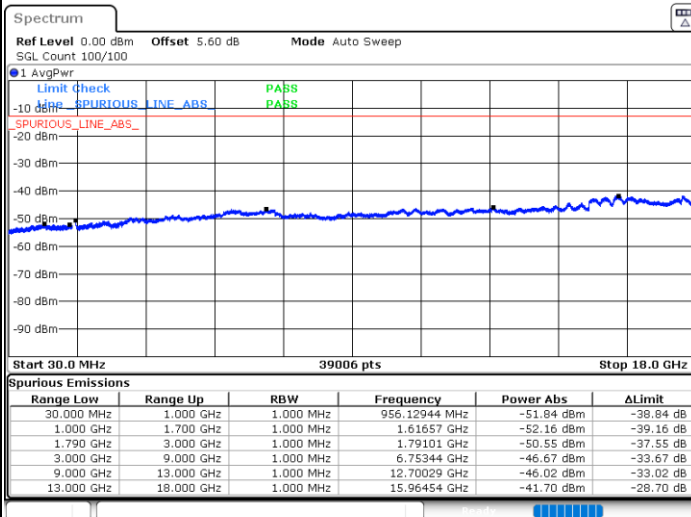
Date: 18.OCT.2024 22:02:14

LTE Band 66C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0

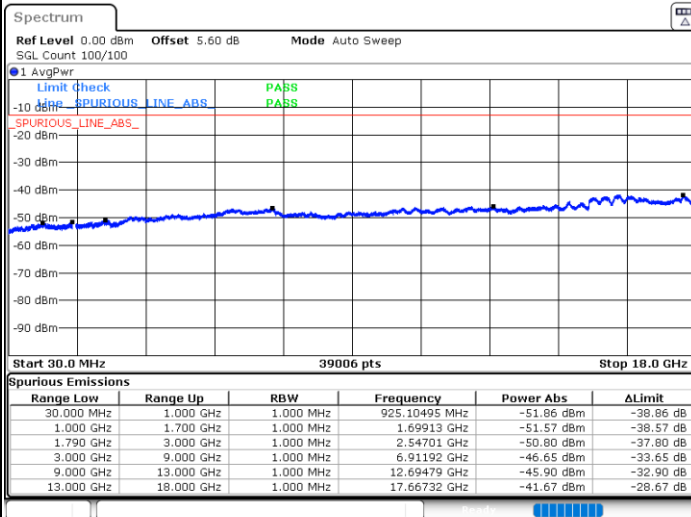
Date: 18.OCT.2024 22:53:32



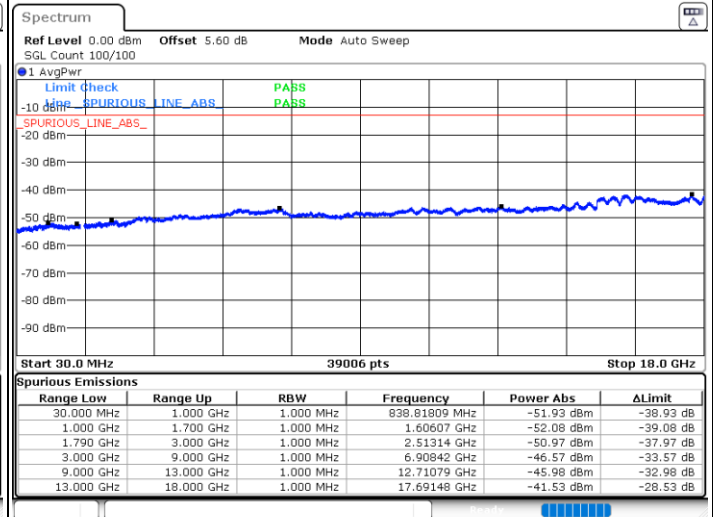
Date: 18.OCT.2024 22:55:04

LTE Band 66C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0

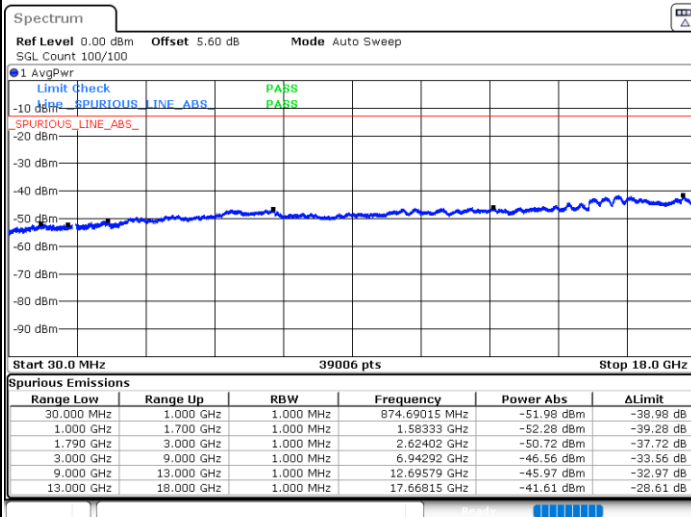
Date: 18.OCT.2024 22:56:35

**LTE Band 66C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0****LTE Band 66C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0**

Date: 19.OCT.2024 00:09:27



Date: 19.OCT.2024 00:10:57

**LTE Band 66C / 20MHz+20MHz QPSK Highest
Channel / 1RB99 and 1RB0**

Date: 19.OCT.2024 00:12:26

Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0068	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0059	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage =3.87 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.45 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 :	Carry Xu	Temperature :	23~25℃
		Relative Humidity :	41~42%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

EN-DC_2A-66A(DL)_n66A / 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	-56.03	-13	-43.03	-68.29	2.64	14.90	H
	5550	-54.45	-13	-41.45	-66.31	2.94	14.80	H
	7410	-54.31	-13	-41.31	-64.08	3.39	13.16	H
	3705	-55.99	-13	-42.99	-68.25	2.64	14.90	V
	5550	-55.30	-13	-42.30	-67.16	2.94	14.80	V
	7410	-53.89	-13	-40.89	-63.66	3.39	13.16	V
Middle	3735	-56.06	-13	-43.06	-68.32	2.64	14.90	H
	5610	-54.60	-13	-41.60	-66.46	2.94	14.80	H
	7485	-53.85	-13	-40.85	-63.62	3.39	13.16	H
	3735	-55.66	-13	-42.66	-67.92	2.64	14.90	V
	5610	-54.94	-13	-41.94	-66.80	2.94	14.80	V
	7485	-53.32	-13	-40.32	-63.09	3.39	13.16	V
Highest	3780	-56.07	-13	-43.07	-68.33	2.64	14.90	H
	5670	-51.04	-13	-38.04	-62.90	2.94	14.80	H
	7560	-53.44	-13	-40.44	-63.21	3.39	13.16	H
	3780	-55.96	-13	-42.96	-68.22	2.64	14.90	V
	5670	-50.60	-13	-37.60	-62.46	2.94	14.80	V
	7560	-53.58	-13	-40.58	-63.35	3.39	13.16	V

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



LTE Band 25 / 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	-55.88	-13	-42.88	-68.14	2.64	14.90	H
	5553.27	-54.56	-13	-41.56	-66.42	2.94	14.80	H
	7404.36	-53.82	-13	-40.82	-63.59	3.39	13.16	H
	3705	-55.73	-13	-42.73	-67.99	2.64	14.90	V
	5553.27	-54.19	-13	-41.19	-66.05	2.94	14.80	V
	7404.36	-54.29	-13	-41.29	-64.06	3.39	13.16	V
Middle	3735	-56.07	-13	-43.07	-68.33	2.64	14.90	H
	5613.27	-54.46	-13	-41.46	-66.32	2.94	14.80	H
	7484.36	-53.51	-13	-40.51	-63.28	3.39	13.16	H
	3735	-55.93	-13	-42.93	-68.19	2.64	14.90	V
	5613.27	-55.21	-13	-42.21	-67.07	2.94	14.80	V
	7484.36	-53.82	-13	-40.82	-63.59	3.39	13.16	V
Highest	3795	-55.81	-13	-42.81	-68.07	2.64	14.90	H
	5688.27	-54.67	-13	-41.67	-66.53	2.94	14.80	H
	7584.36	-53.24	-13	-40.24	-63.01	3.39	13.16	H
	3795	-56.19	-13	-43.19	-68.45	2.64	14.90	V
	5688.273	-55.21	-13	-42.21	-67.07	2.94	14.80	V
	7584.36	-52.78	-13	-39.78	-62.55	3.39	13.16	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)
Lowest	3420	-56.66	-13	-43.66	-67.40	2.604	13.34	H
	5133.27	-54.41	-13	-41.41	-64.92	3.011	13.52	H
	6844.36	-55.09	-13	-42.09	-65.29	3.271	13.47	H
	3420	-57.02	-13	-44.02	-67.76	2.604	13.34	V
	5133.27	-54.22	-13	-41.22	-64.73	3.011	13.52	V
	6844.36	-55.37	-13	-42.37	-65.57	3.271	13.47	V
Middle	3465	-56.79	-13	-43.79	-67.53	2.604	13.34	H
	5208.27	-54.62	-13	-41.62	-65.13	3.011	13.52	H
	6944.36	-55.06	-13	-42.06	-65.26	3.271	13.47	H
	3465	-57.03	-13	-44.03	-67.77	2.604	13.34	V
	5208.27	-54.51	-13	-41.51	-65.02	3.011	13.52	V
	6944.36	-55.01	-13	-42.01	-65.21	3.271	13.47	V
Highest	3525	-56.75	-13	-43.75	-67.49	2.604	13.34	H
	5283.27	-55.23	-13	-42.23	-65.74	3.011	13.52	H
	7044.36	-54.61	-13	-41.61	-64.81	3.271	13.47	H
	3525	-56.16	-13	-43.16	-66.90	2.604	13.34	V
	5283.27	-54.67	-13	-41.67	-65.18	3.011	13.52	V
	7044.36	-54.88	-13	-41.88	-65.08	3.271	13.47	V

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



LTE Band 66B / 10MHz+10MHz / 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	-56.73	-13	-43.73	-67.47	2.604	13.34	H
	3435	-57.09	-13	-44.09	-67.60	3.011	13.52	H
	5130	-53.44	-13	-40.44	-63.64	3.271	13.47	H
	3420	-56.62	-13	-43.62	-67.36	2.604	13.34	V
	3435	-57.05	-13	-44.05	-67.56	3.011	13.52	V
	5130	-53.77	-13	-40.77	-63.97	3.271	13.47	V
	5160	-54.12	-13	-41.12	-64.86	2.604	13.34	H
	6840	-54.55	-13	-41.55	-65.06	3.011	13.52	H
	6885	-54.59	-13	-41.59	-64.79	3.271	13.47	H
	5160	-53.73	-13	-40.73	-64.47	2.604	13.34	V
	6840	-54.54	-13	-41.54	-65.05	3.011	13.52	V
	6885	-54.26	-13	-41.26	-64.46	3.271	13.47	V
Middle	3495	-56.21	-13	-43.21	-66.95	2.604	13.34	H
	3510	-56.86	-13	-43.86	-67.37	3.011	13.52	H
	5235	-54.01	-13	-41.01	-64.21	3.271	13.47	H
	3495	-57.05	-13	-44.05	-67.79	2.604	13.34	V
	3510	-56.63	-13	-43.63	-67.14	3.011	13.52	V
	5235	-53.91	-13	-40.91	-64.11	3.271	13.47	V
	5265	-54.56	-13	-41.56	-65.30	2.604	13.34	H
	6990	-54.06	-13	-41.06	-64.57	3.011	13.52	H
	7020	-53.99	-13	-40.99	-64.19	3.271	13.47	H
	5265	-54.40	-13	-41.40	-65.14	2.604	13.34	V
	6990	-54.18	-13	-41.18	-64.69	3.011	13.52	V
	7020	-53.96	-13	-40.96	-64.16	3.271	13.47	V
Highest	3525	-56.94	-13	-43.94	-67.68	2.604	13.34	H
	3540	-57.04	-13	-44.04	-67.55	3.011	13.52	H
	5280	-54.19	-13	-41.19	-64.39	3.271	13.47	H
	3525	-57.44	-13	-44.44	-68.18	2.604	13.34	V
	3540	-57.03	-13	-44.03	-67.54	3.011	13.52	V
	5280	-54.50	-13	-41.50	-64.70	3.271	13.47	V
	5310	-54.32	-13	-41.32	-65.06	2.604	13.34	H
	7050	-54.17	-13	-41.17	-64.68	3.011	13.52	H
	7080	-54.04	-13	-41.04	-64.24	3.271	13.47	H
	5310	-53.97	-13	-40.97	-64.71	2.604	13.34	V
	7050	-54.34	-13	-41.34	-64.85	3.011	13.52	V
	7080	-54.29	-13	-41.29	-64.49	3.271	13.47	V

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



LTE Band 66C / 20MHz+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	3422.18	-56.28	-13	-43.28	-67.02	2.604	13.34	H
	3465	-56.73	-13	-43.73	-67.24	3.011	13.52	H
	5133.27	-47.64	-13	-34.64	-57.84	3.271	13.47	H
	3420	-56.70	-13	-43.70	-67.44	2.604	13.34	V
	3461.78	-57.17	-13	-44.17	-67.68	3.011	13.52	V
	5133	-50.85	-13	-37.85	-61.05	3.271	13.47	V
	5192.67	-54.31	-13	-41.31	-65.05	2.604	13.34	H
	6840	-54.80	-13	-41.80	-65.31	3.011	13.52	H
	6923.56	-54.75	-13	-41.75	-64.95	3.271	13.47	H
	5192.67	-54.58	-13	-41.58	-65.32	2.604	13.34	V
	6844.36	-54.64	-13	-41.64	-65.15	3.011	13.52	V
	6930	-54.20	-13	-41.20	-64.40	3.271	13.47	V
Middle	3465	-56.83	-13	-43.83	-67.57	2.604	13.34	H
	3510	-57.27	-13	-44.27	-67.78	3.011	13.52	H
	5205	-51.23	-13	-38.23	-61.43	3.271	13.47	H
	3465	-57.49	-13	-44.49	-68.23	2.604	13.34	V
	3510	-57.63	-13	-44.63	-68.14	3.011	13.52	V
	5205	-53.54	-13	-40.54	-63.74	3.271	13.47	V
	5265	-54.82	-13	-41.82	-65.56	2.604	13.34	H
	6945	-54.64	-13	-41.64	-65.15	3.011	13.52	H
	7020	-54.35	-13	-41.35	-64.55	3.271	13.47	H
	5265	-54.65	-13	-41.65	-65.39	2.604	13.34	V
	6945	-55.02	-13	-42.02	-65.53	3.011	13.52	V
	7020	-54.26	-13	-41.26	-64.46	3.271	13.47	V
Highest	3480	-45.94	-13	-32.94	-56.68	2.604	13.34	H
	3525	-56.74	-13	-43.74	-67.25	3.011	13.52	H
	5223.27	-54.20	-13	-41.20	-64.40	3.271	13.47	H
	3480	-56.87	-13	-43.87	-67.61	2.604	13.34	V
	3522.18	-57.40	-13	-44.40	-67.91	3.011	13.52	V
	5223.27	-54.30	-13	-41.30	-64.50	3.271	13.47	V
	5283.27	-54.21	-13	-41.21	-64.95	2.604	13.34	H
	6960	-54.15	-13	-41.15	-64.66	3.011	13.52	H
	7044.36	-54.20	-13	-41.20	-64.40	3.271	13.47	H
	5283.27	-54.56	-13	-41.56	-65.30	2.604	13.34	V
	6964.36	-54.54	-13	-41.54	-65.05	3.011	13.52	V
	7050	-54.05	-13	-41.05	-64.25	3.271	13.47	V

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