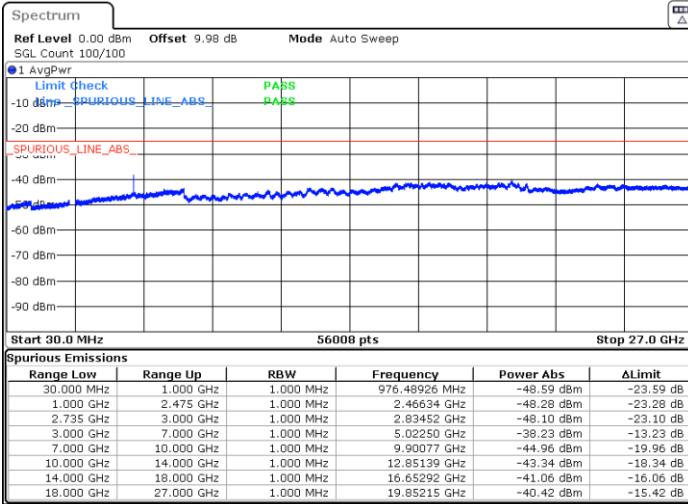




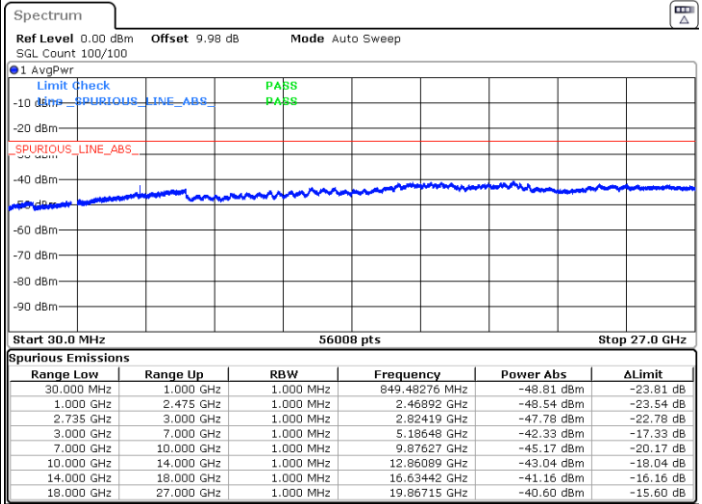
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

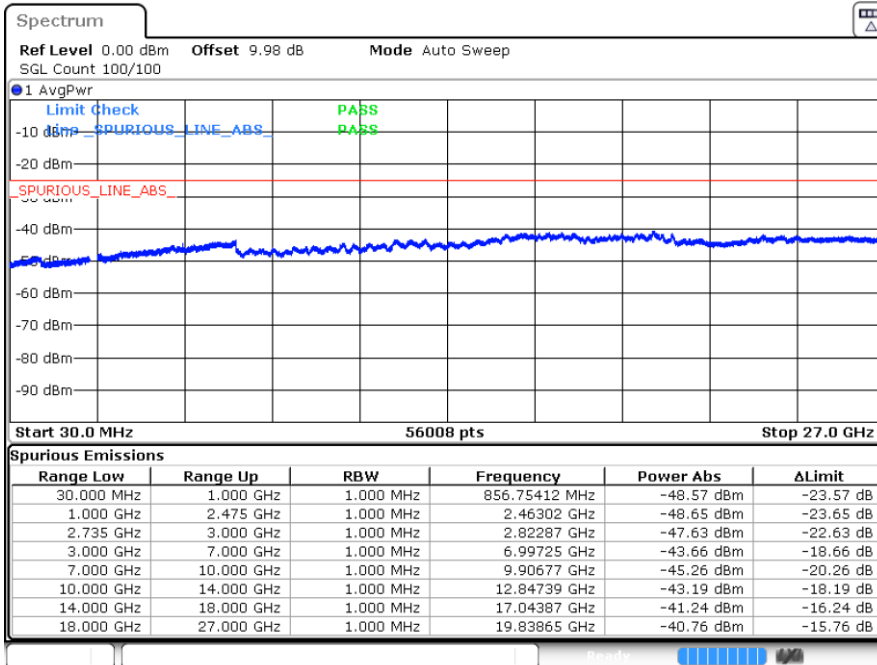


Date: 29.SEP.2022 15:58:51



Date: 29.SEP.2022 16:00:25

Highest Channel / QPSK



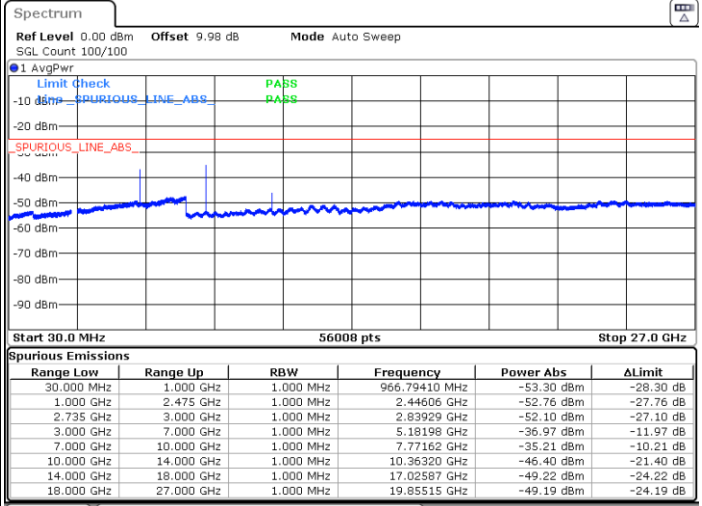
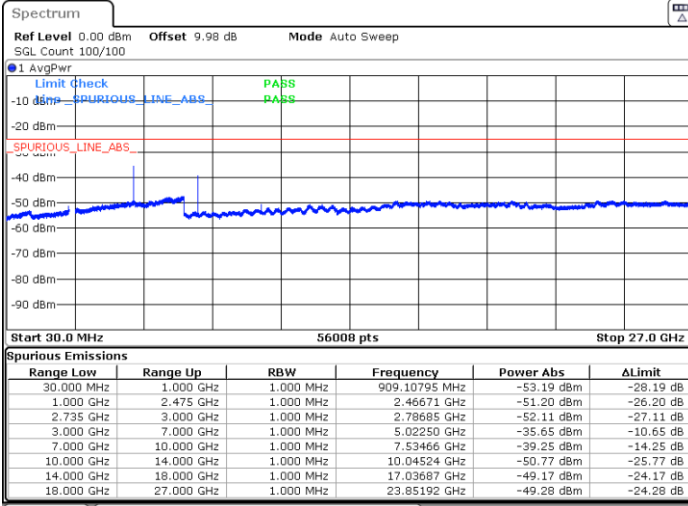
Date: 29.SEP.2022 16:15:11



LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

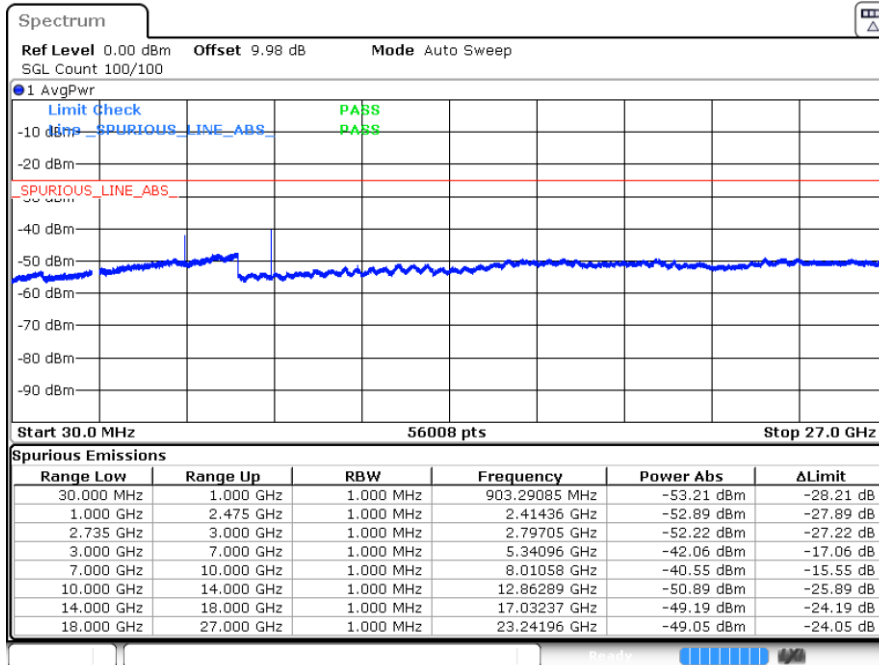
Middle Channel / QPSK



Date: 29.SEP.2022 17:03:01

Date: 29.SEP.2022 17:18:54

Highest Channel / QPSK



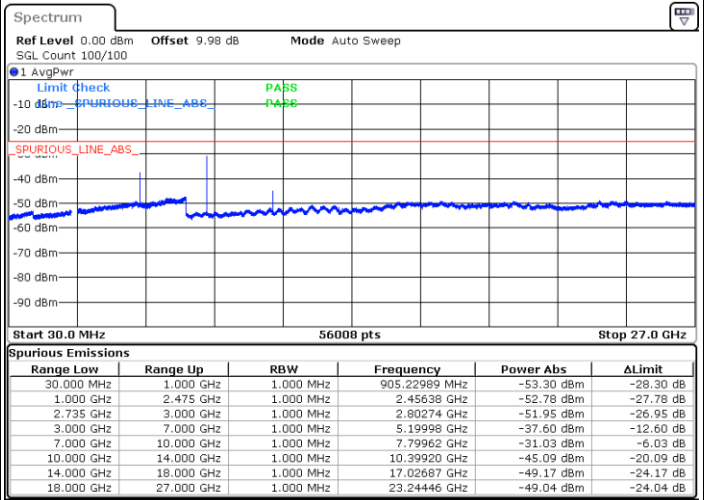
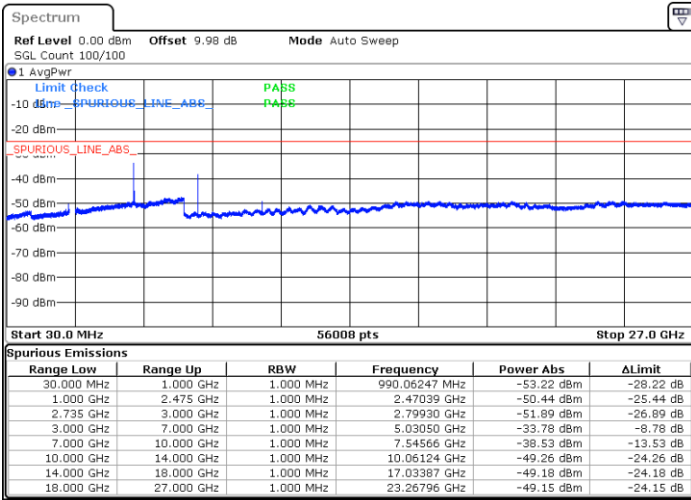
Date: 29.SEP.2022 17:34:07



LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

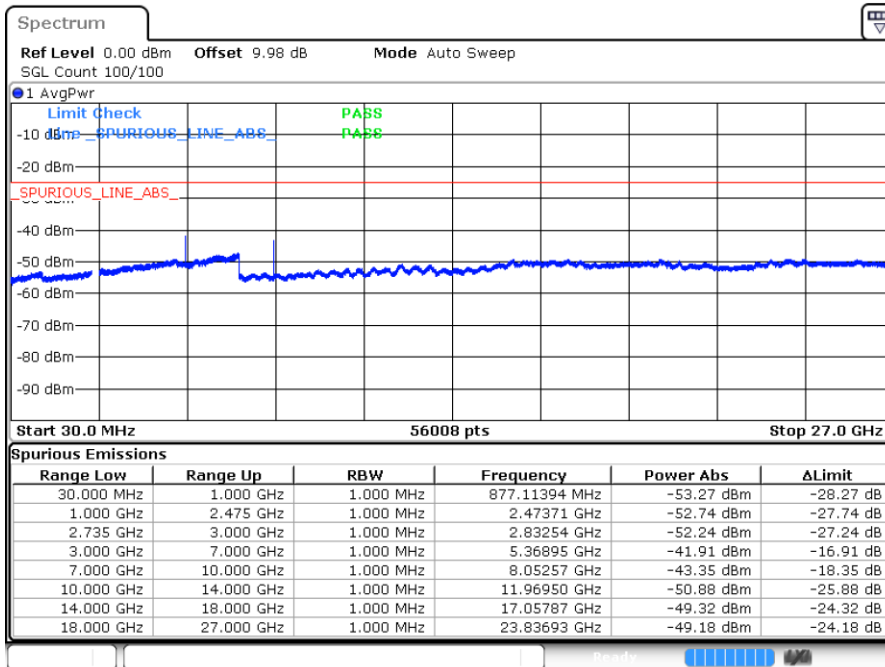
Middle Channel / QPSK



Date: 30 SEP 2022 01:06:36

Date: 30 SEP 2022 01:10:33

Highest Channel / QPSK



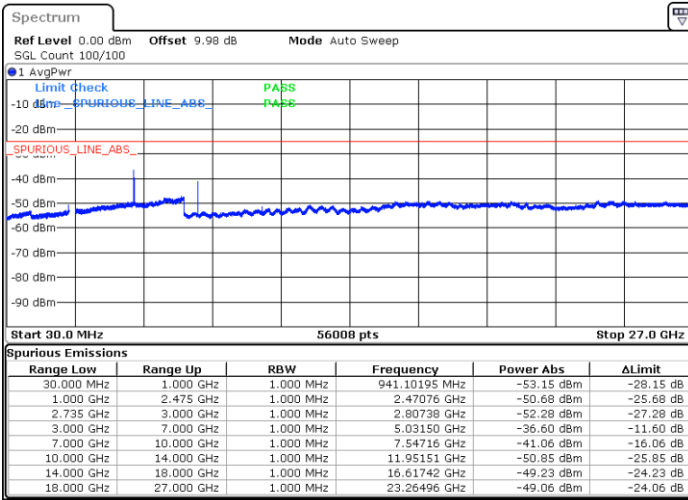
Date: 30 SEP 2022 01:13:27



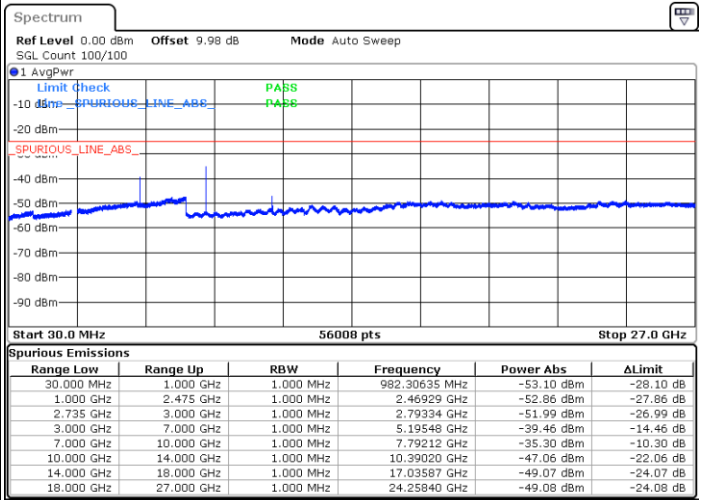
LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

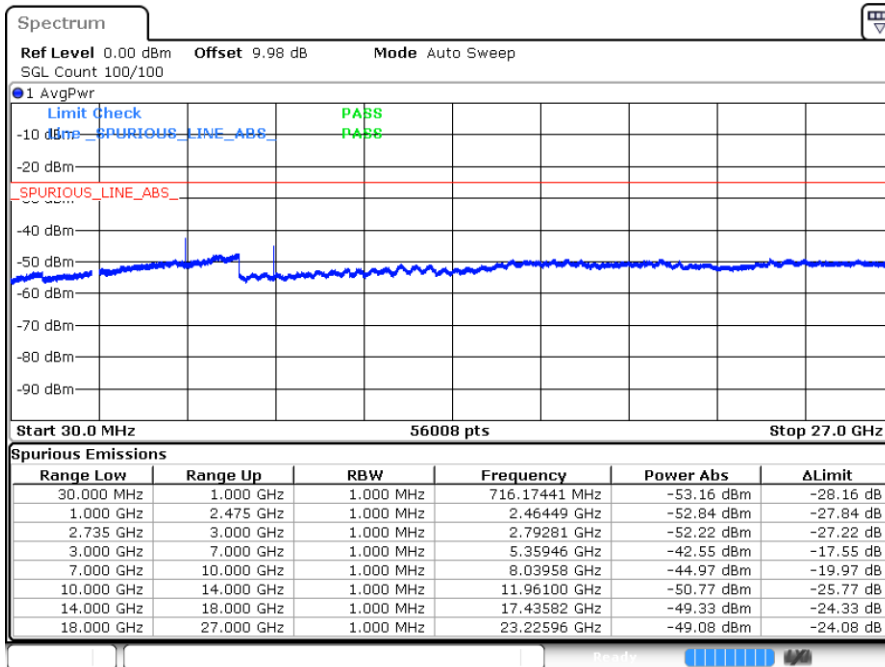


Date: 30.SEP.2022 01:36:40



Date: 30.SEP.2022 01:38:12

Highest Channel / QPSK



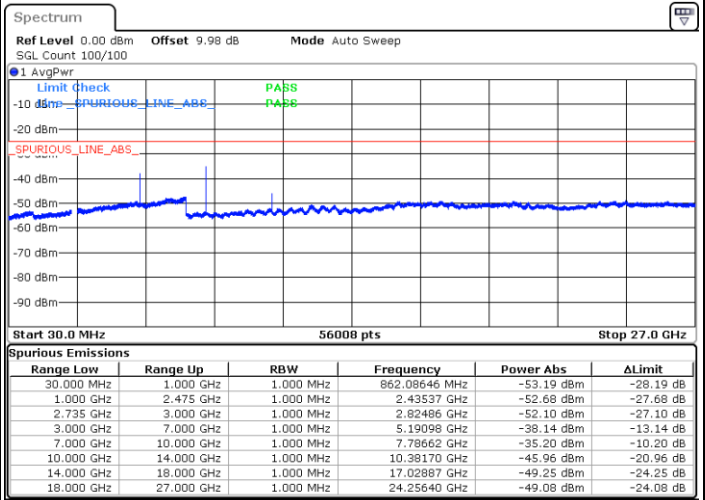
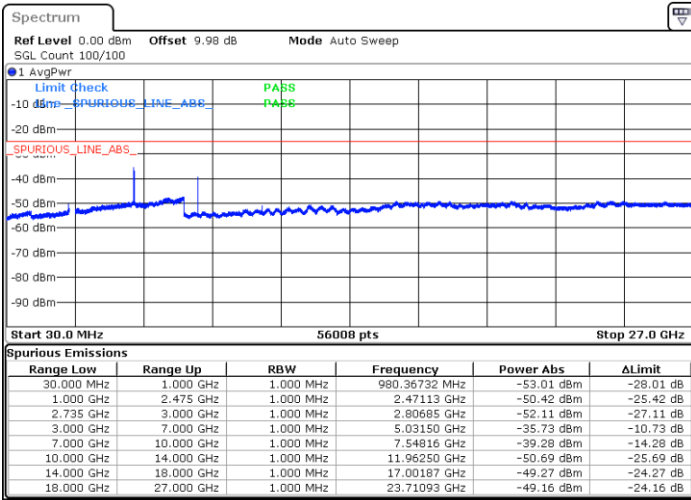
Date: 30.SEP.2022 01:40:08



LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

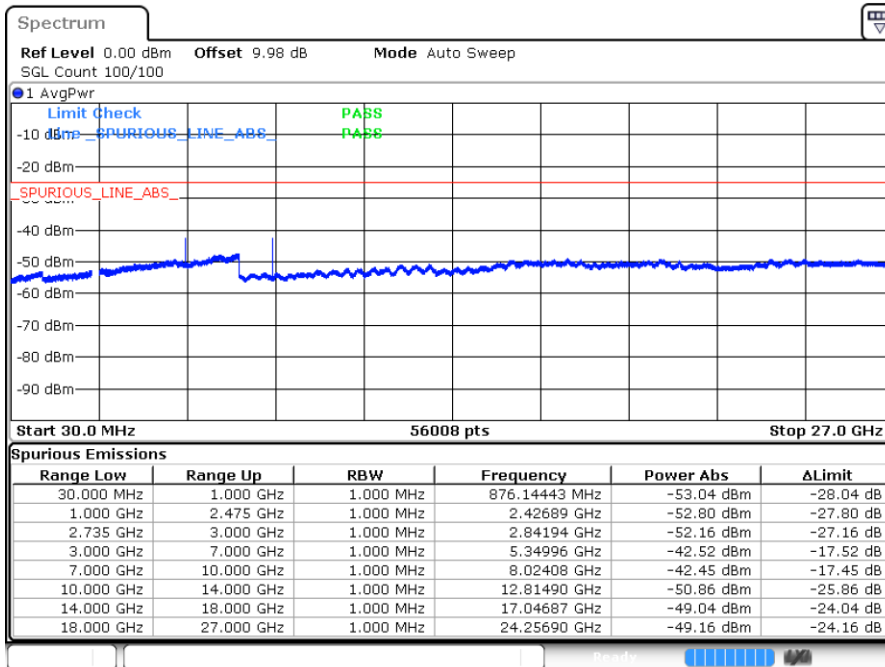
Middle Channel / QPSK



Date: 30.SEP.2022 02:03:19

Date: 30.SEP.2022 02:05:51

Highest Channel / QPSK



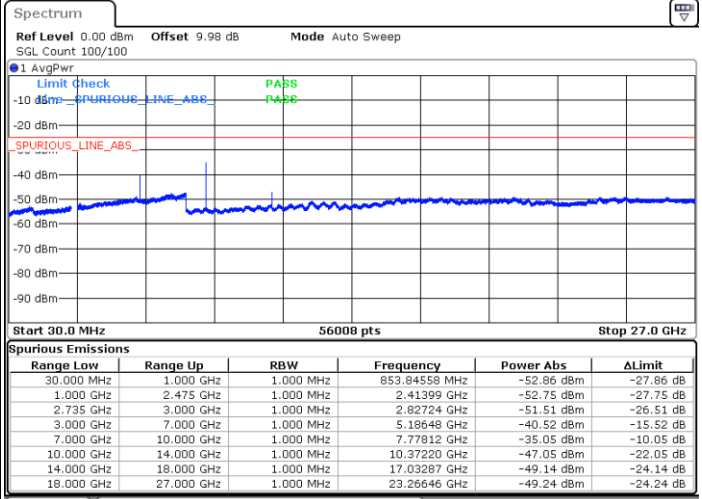
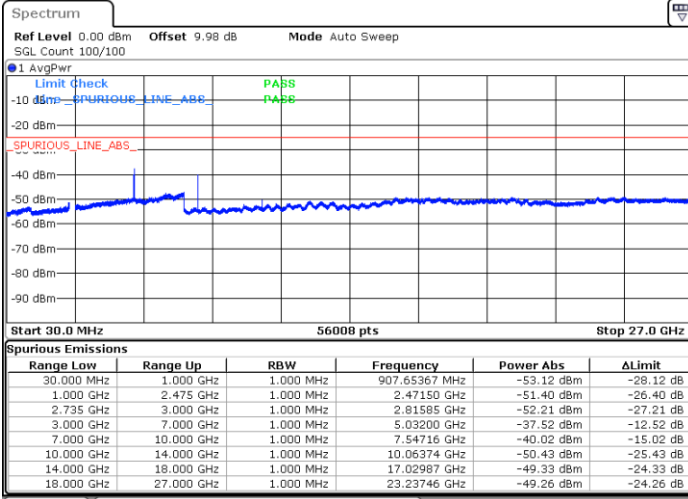
Date: 30.SEP.2022 02:07:41



LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

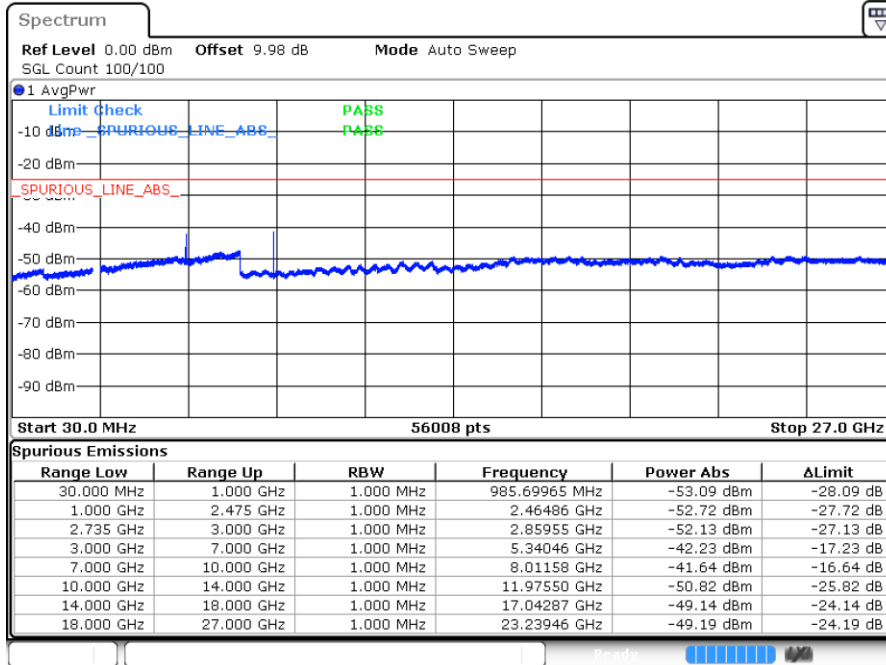
Middle Channel / QPSK



Date: 30.SEP.2022 02:30:52

Date: 30.SEP.2022 02:32:55

Highest Channel / QPSK



Date: 30.SEP.2022 02:34:46



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0026	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 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°C
		Relative Humidity :	41~42%

LTE Band 7 / 20MHz / QPSK / Ant.1								
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	5004	-59.79	-25	-34.79	-70.00	3.03	13.24	H
	7504	-62.91	-25	-37.91	-72.36	3.56	13.01	H
	10000	-60.84	-25	-35.84	-70.36	3.92	13.44	H
	5004	-58.35	-25	-33.35	-68.56	3.03	13.24	V
	7504	-61.02	-25	-36.02	-70.47	3.56	13.01	V
	10000	-58.75	-25	-33.75	-68.27	3.92	13.44	V
Middle	5052	-62.97	-25	-37.97	-73.18	3.03	13.24	H
	7576	-62.15	-25	-37.15	-71.60	3.56	13.01	H
	10100	-62.36	-25	-37.36	-71.88	3.92	13.44	H
	5052	-63.08	-25	-38.08	-73.29	3.03	13.24	V
	7576	-62.09	-25	-37.09	-71.54	3.56	13.01	V
	10100	-61.36	-25	-36.36	-70.88	3.92	13.44	V
Highest	5104	-58.65	-25	-33.65	-68.86	3.03	13.24	H
	7652	-59.52	-25	-34.52	-68.97	3.56	13.01	H
	10200	-59.03	-25	-34.03	-68.55	3.92	13.44	H
	5104	-61.11	-25	-36.11	-71.32	3.03	13.24	V
	7652	-62.43	-25	-37.43	-71.88	3.56	13.01	V
	10200	-60.68	-25	-35.68	-70.20	3.92	13.44	V

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



LTE Band 12 / 10MHz / QPSK / Ant.0								
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	1400	-67.86	-13	-54.86	-74.83	1.58	10.70	H
	2096	-61.25	-13	-48.25	-69.50	2.102	12.50	H
	2800	-59.49	-13	-46.49	-68.38	2.856	13.90	H
	1400	-67.66	-13	-54.66	-74.63	1.58	10.70	V
	2096	-60.22	-13	-47.22	-68.47	2.10	12.50	V
	2800	-59.08	-13	-46.08	-67.97	2.86	13.90	V
Middle	1408	-67.63	-13	-54.63	-74.60	1.58	10.70	H
	2112	-61.90	-13	-48.90	-70.15	2.102	12.50	H
	2808	-59.16	-13	-46.16	-68.05	2.856	13.90	H
	1408	-66.83	-13	-53.83	-73.80	1.58	10.70	V
	2112	-60.37	-13	-47.37	-68.62	2.10	12.50	V
	2808	-59.00	-13	-46.00	-67.89	2.86	13.90	V
Highest	1416	-67.35	-13	-54.35	-74.32	1.58	10.70	H
	2120	-61.05	-13	-48.05	-69.30	2.102	12.50	H
	2824	-60.04	-13	-47.04	-68.93	2.856	13.90	H
	1416	-66.90	-13	-53.90	-73.87	1.58	10.70	V
	2120	-60.53	-13	-47.53	-68.78	2.10	12.50	V
	2824	-59.89	-13	-46.89	-68.78	2.86	13.90	V

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



LTE Band 13 / 5MHz / QPSK / Ant.0								
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	1552	-66.37	-13	-53.37	-69.00	1.09	5.87	H
	2328	-60.99	-13	-47.99	-63.39	1.37	5.92	H
	3112	-59.52	-13	-46.52	-63.41	1.64	7.68	H
	1552	-65.85	-13	-52.85	-68.48	1.09	5.87	V
	2328	-59.66	-13	-46.66	-62.06	1.37	5.92	V
	3112	-59.14	-13	-46.14	-63.03	1.64	7.68	V
Middle	1560	-65.78	-42.15	-23.63	-68.41	1.09	5.87	H
	2336	-61.46	-13	-48.46	-63.86	1.37	5.92	H
	3120	-59.13	-13	-46.13	-63.02	1.64	7.68	H
	1560	-65.17	-42.15	-23.02	-67.80	1.09	5.87	V
	2336	-60.04	-13	-47.04	-62.44	1.37	5.92	V
	3120	-58.87	-13	-45.87	-62.76	1.64	7.68	V
Highest	1565	-65.77	-42.15	-23.62	-68.40	1.09	5.87	H
	2344	-60.85	-13	-47.85	-63.25	1.37	5.92	H
	3128	-59.79	-13	-46.79	-63.68	1.64	7.68	H
	1565	-65.20	-42.15	-23.05	-67.83	1.09	5.87	V
	2344	-59.49	-13	-46.49	-61.89	1.37	5.92	V
	3128	-59.64	-13	-46.64	-63.53	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK / Ant.0								
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	-66.63	-13	-53.63	-69.26	1.09	5.87	H
	2328	-60.95	-13	-47.95	-63.35	1.37	5.92	H
	3112	-59.33	-13	-46.33	-63.22	1.64	7.68	H
	1552	-65.63	-13	-52.63	-68.26	1.09	5.87	V
	2328	-59.60	-13	-46.60	-62.00	1.37	5.92	V
	3112	-59.11	-13	-46.11	-63.00	1.64	7.68	V

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



LTE Band 41 / 20MHz / QPSK / Ant.1								
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	4992	-61.33	-25	-36.33	-71.54	3.03	13.24	H
	7492	-60.81	-25	-35.81	-70.26	3.56	13.01	H
	9990	-62.01	-25	-37.01	-71.53	3.92	13.44	H
	4992	-62.14	-25	-37.14	-72.35	3.03	13.24	V
	7492	-59.59	-25	-34.59	-69.04	3.56	13.01	V
	9990	-61.51	-25	-36.51	-71.03	3.92	13.44	V
Middle	5168	-62.78	-25	-37.78	-72.99	3.03	13.24	H
	7752	-60.26	-25	-35.26	-69.71	3.56	13.01	H
	10340	-61.30	-25	-36.30	-70.82	3.92	13.44	H
	5168	-63.01	-25	-38.01	-73.22	3.03	13.24	V
	7752	-57.76	-25	-32.76	-67.21	3.56	13.01	V
	10340	-61.89	-25	-36.89	-71.41	3.92	13.44	V
Highest	5344	-64.06	-25	-39.06	-74.27	3.03	13.24	H
	8010	-61.53	-25	-36.53	-70.98	3.56	13.01	H
	10680	-57.12	-25	-32.12	-66.64	3.92	13.44	H
	5344	-63.90	-25	-38.90	-74.11	3.03	13.24	V
	8010	-59.99	-25	-34.99	-69.44	3.56	13.01	V
	10680	-57.36	-25	-32.36	-66.88	3.92	13.44	V

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



LTE Band 71 / 20MHz / QPSK / Ant.0								
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	1328	-68.16	-13	-55.16	-69.91	1.02	4.92	H
	1992	-62.87	-13	-49.87	-64.84	1.27	5.39	H
	2656	-59.72	-13	-46.72	-62.65	1.49	6.57	H
	1328	-67.98	-13	-54.98	-69.73	1.02	4.92	V
	1992	-62.06	-13	-49.06	-64.03	1.27	5.39	V
	2656	-59.14	-13	-46.14	-62.07	1.49	6.57	V
Middle	1352	-68.45	-13	-55.45	-70.20	1.02	4.92	H
	2024	-62.45	-13	-49.45	-64.42	1.27	5.39	H
	2696	-59.48	-13	-46.48	-62.41	1.49	6.57	H
	1352	-67.98	-13	-54.98	-69.73	1.02	4.92	V
	2024	-61.38	-13	-48.38	-63.35	1.27	5.39	V
	2696	-59.01	-13	-46.01	-61.94	1.49	6.57	V
Highest	1360	-67.95	-13	-54.95	-69.70	1.02	4.92	H
	2040	-62.07	-13	-49.07	-64.04	1.27	5.39	H
	2712	-59.70	-13	-46.70	-62.63	1.49	6.57	H
	1360	-67.60	-13	-54.60	-69.35	1.02	4.92	V
	2040	-61.59	-13	-48.59	-63.56	1.27	5.39	V
	2712	-58.87	-13	-45.87	-61.80	1.49	6.57	V

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



LTE Band 41C / 20MHz + 20MHz / QPSK / Ant.1								
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	4992	-63.07	-25	-38.07	-73.28	3.03	13.24	H
	7492	-61.68	-25	-36.68	-71.13	3.56	13.01	H
	9990	-60.24	-25	-35.24	-69.76	3.92	13.44	H
	4992	-63.33	-25	-38.33	-73.54	3.03	13.24	H
	7492	-60.90	-25	-35.90	-70.35	3.56	13.01	H
	9990	-60.59	-25	-35.59	-70.11	3.92	13.44	H
	5032	-64.36	-25	-39.36	-74.57	3.03	13.24	V
	7544	-63.63	-25	-38.63	-73.08	3.56	13.01	V
	10060	-61.60	-25	-36.60	-71.12	3.92	13.44	V
	5032	-64.51	-25	-39.51	-74.72	3.03	13.24	V
	7544	-63.23	-25	-38.23	-72.68	3.56	13.01	V
10060	-61.77	-25	-36.77	-71.29	3.92	13.44	V	
Middle	5148	-63.61	-25	-38.61	-73.82	3.03	13.24	H
	7724	-59.75	-25	-34.75	-69.20	3.56	13.01	H
	10300	-60.17	-25	-35.17	-69.69	3.92	13.44	H
	5148	-63.54	-25	-38.54	-73.75	3.03	13.24	H
	7724	-56.63	-25	-31.63	-66.08	3.56	13.01	H
	10300	-60.14	-25	-35.14	-69.66	3.92	13.44	H
	5184	-63.86	-25	-38.86	-74.07	3.03	13.24	V
	7776	-62.52	-25	-37.52	-71.97	3.56	13.01	V
	10370	-60.63	-25	-35.63	-70.15	3.92	13.44	V
	5184	-64.16	-25	-39.16	-74.37	3.03	13.24	V
	7776	-62.54	-25	-37.54	-71.99	3.56	13.01	V
10370	-60.88	-25	-35.88	-70.40	3.92	13.44	V	
Highest	5304	-64.13	-25	-39.13	-74.34	3.03	13.24	H
	7952	-57.51	-25	-32.51	-66.96	3.56	13.01	H
	10600	-56.71	-25	-31.71	-66.23	3.92	13.44	H
	5304	-63.82	-25	-38.82	-74.03	3.03	13.24	H
	7952	-55.37	-25	-30.37	-64.82	3.56	13.01	H
	10600	-55.79	-25	-30.79	-65.31	3.92	13.44	H
	5336	-64.25	-25	-39.25	-74.46	3.03	13.24	V
	8000	-63.08	-25	-38.08	-72.53	3.56	13.01	V
	10680	-61.21	-25	-36.21	-70.73	3.92	13.44	V
	5336	-64.43	-25	-39.43	-74.64	3.03	13.24	V
	8000	-63.15	-25	-38.15	-72.60	3.56	13.01	V
10680	-61.21	-25	-36.21	-70.73	3.92	13.44	V	

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