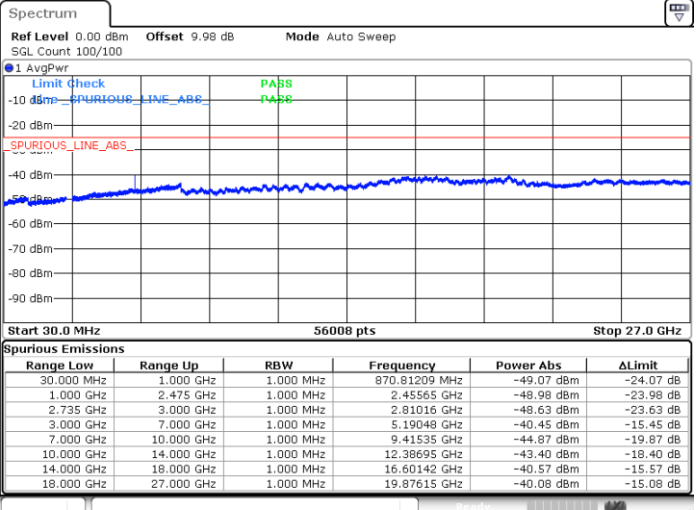
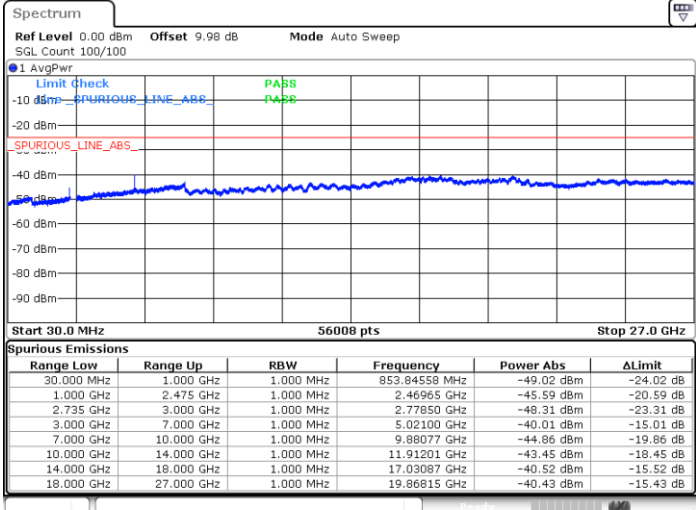




LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

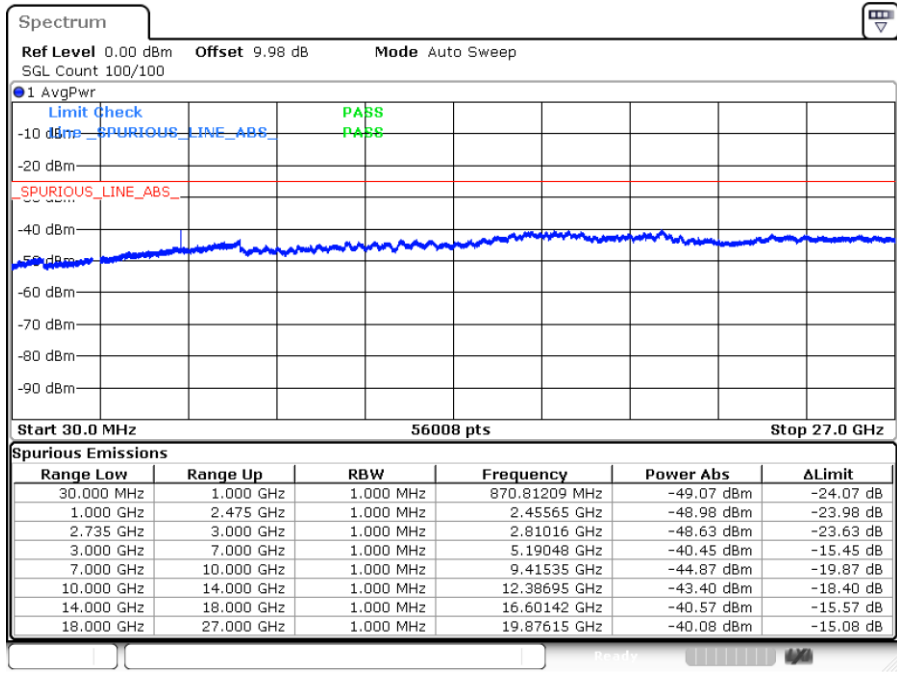
Middle Channel / QPSK



Date: 13.FEB.2023 21:33:29

Date: 13.FEB.2023 21:35:05

Highest Channel / QPSK



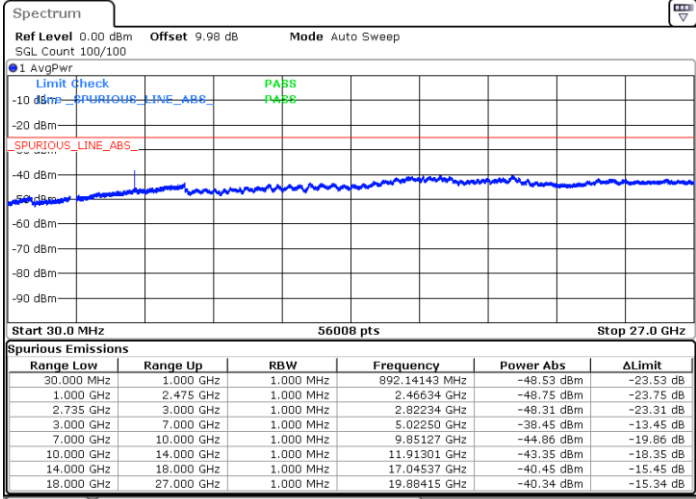
Date: 13.FEB.2023 21:35:05



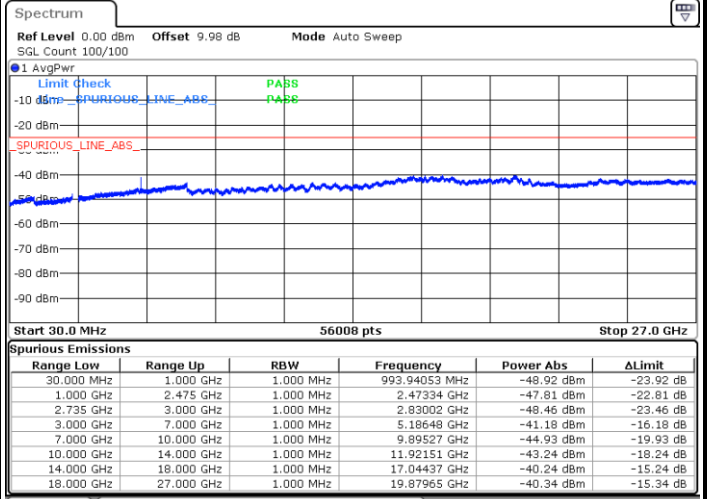
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

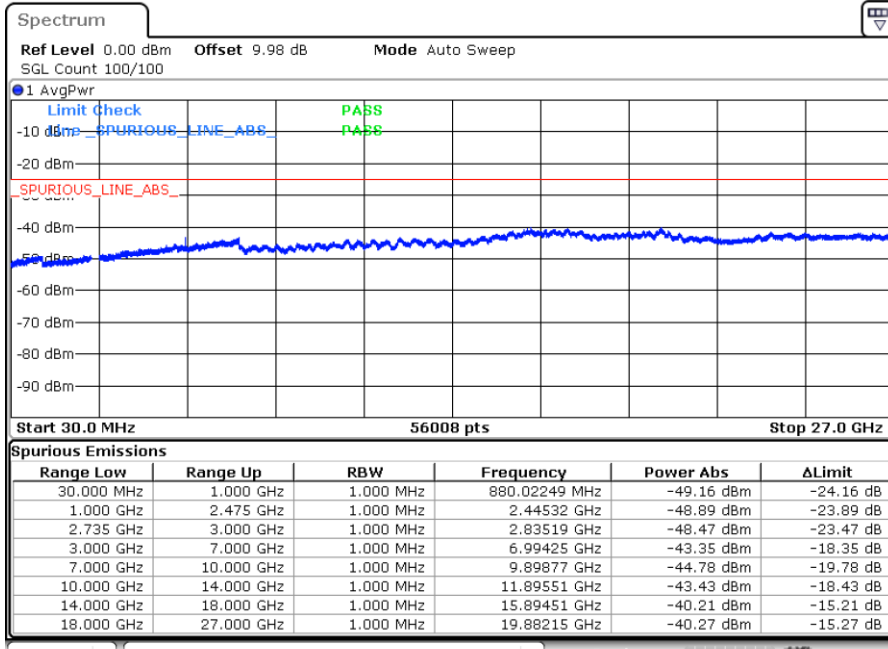


Date: 13.FEB.2023 22:42:01



Date: 13.FEB.2023 22:43:38

Highest Channel / QPSK



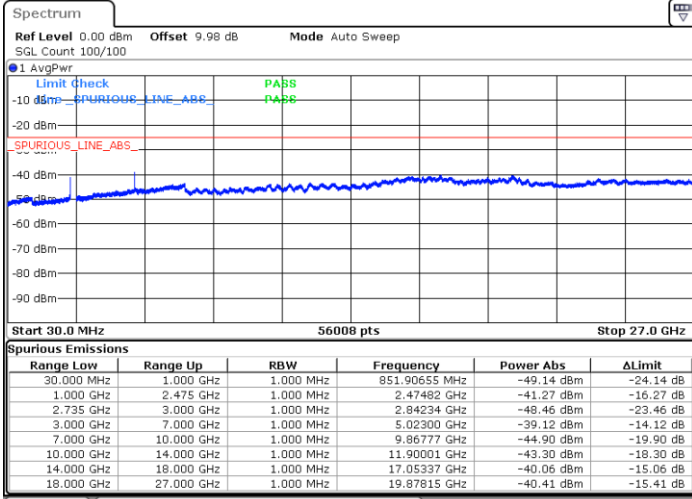
Date: 13.FEB.2023 22:54:38



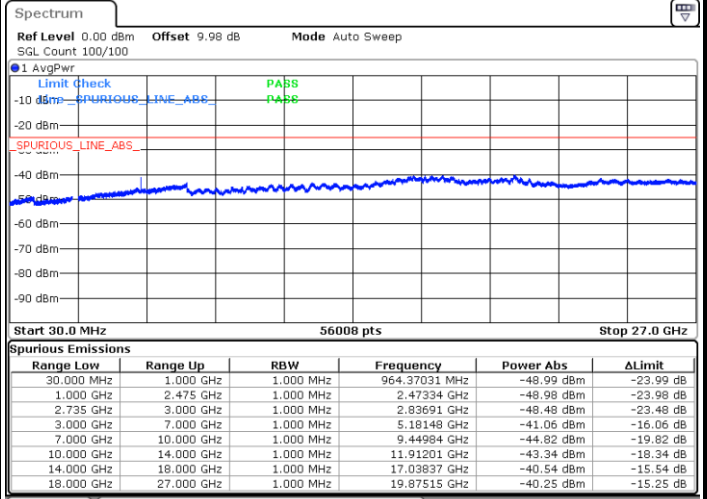
LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

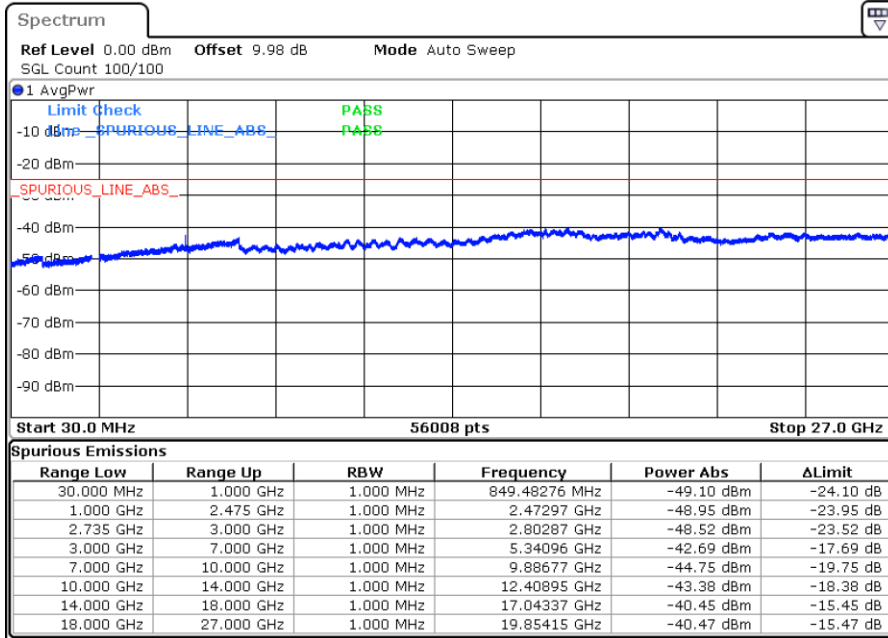


Date: 13.FEB.2023 23:50:47



Date: 13.FEB.2023 23:52:23

Highest Channel / QPSK



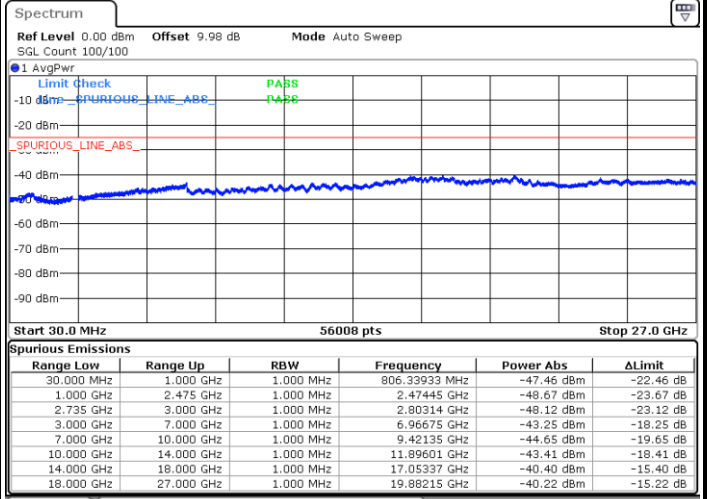
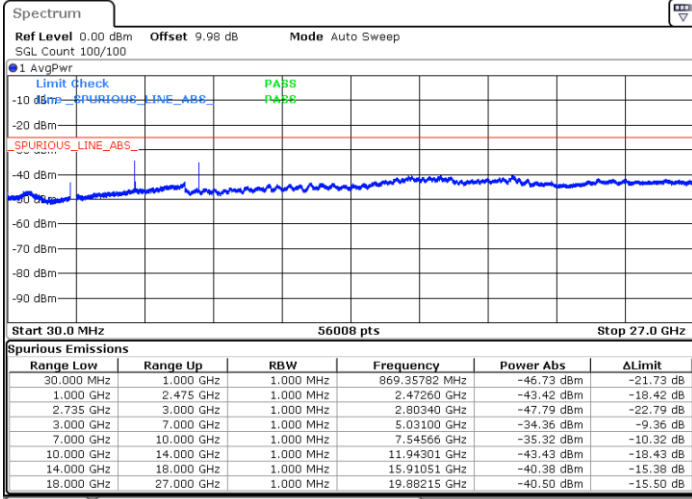
Date: 14.FEB.2023 00:07:24



LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

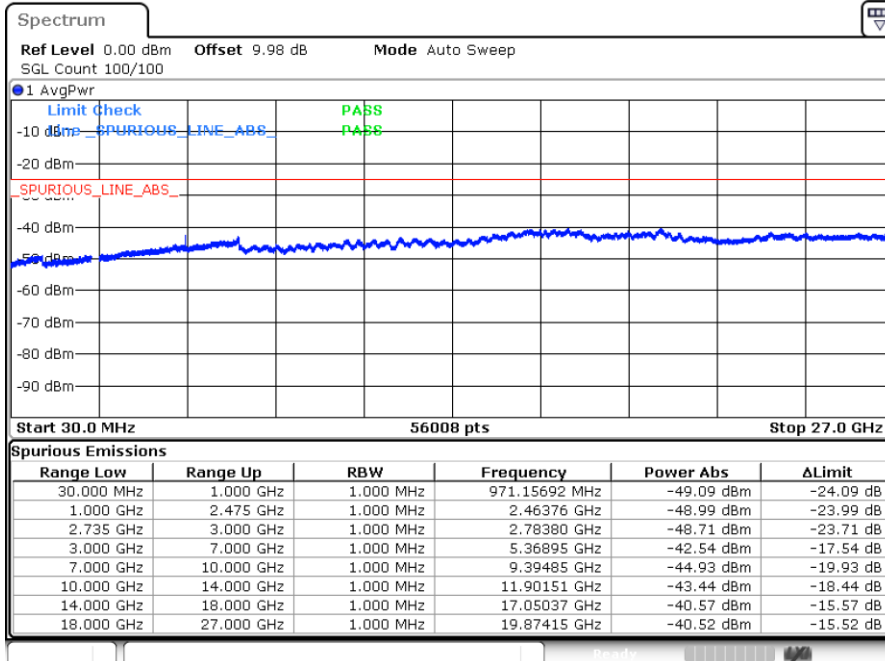
Middle Channel / QPSK



Date: 13.FEB.2023 20:47:42

Date: 13.FEB.2023 20:49:19

Highest Channel / QPSK



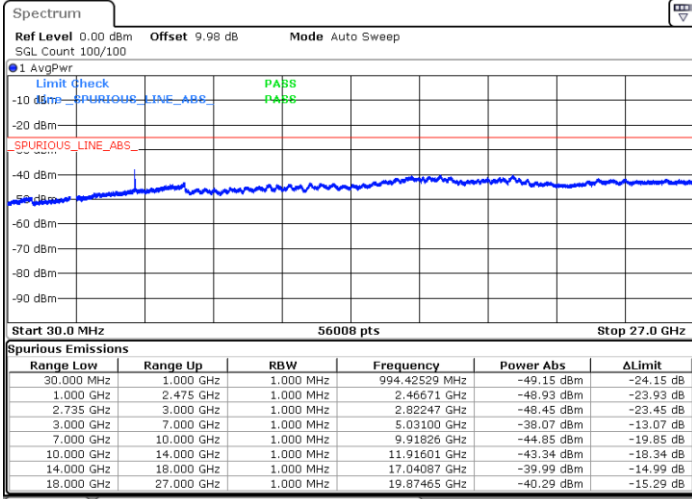
Date: 13.FEB.2023 20:59:53



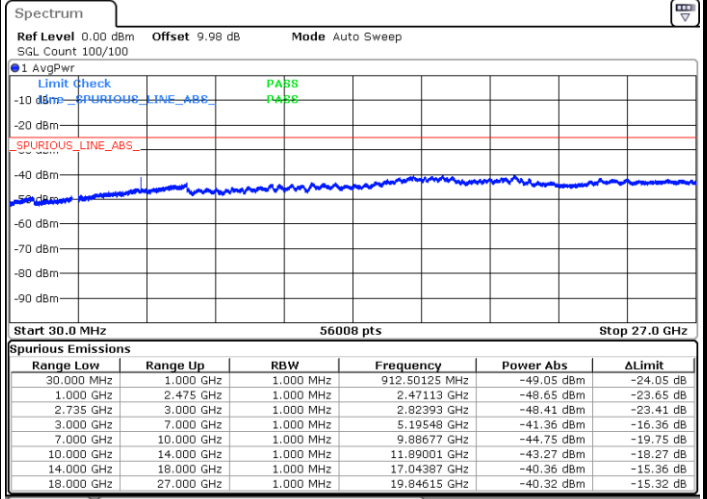
LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

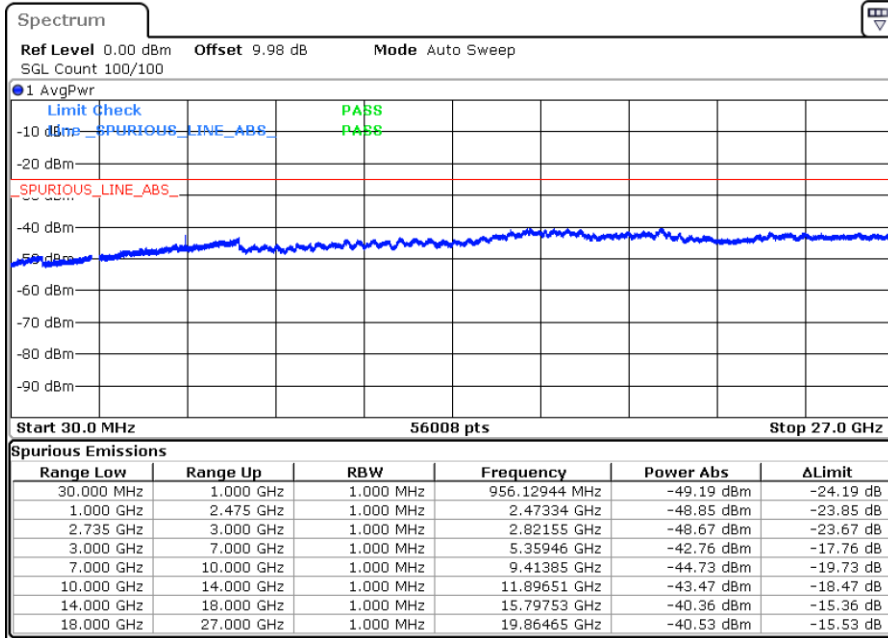


Date: 13.FEB.2023 22:19:13



Date: 13.FEB.2023 22:20:49

Highest Channel / QPSK



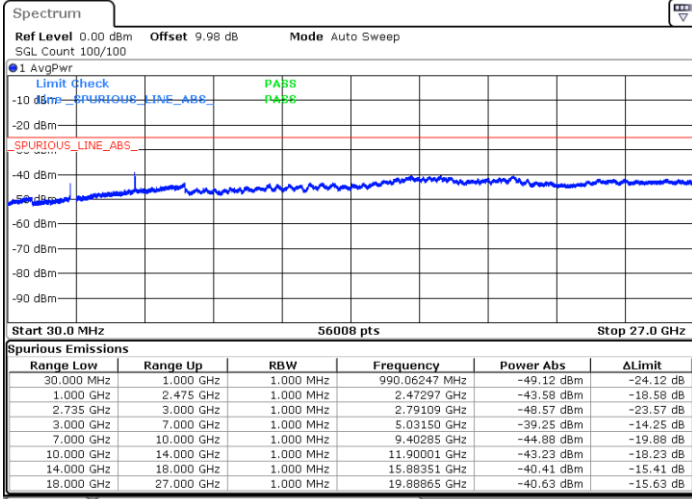
Date: 13.FEB.2023 22:31:20



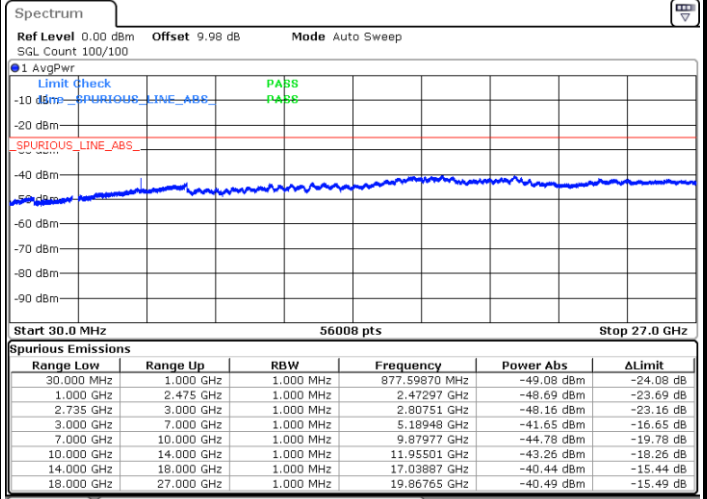
LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

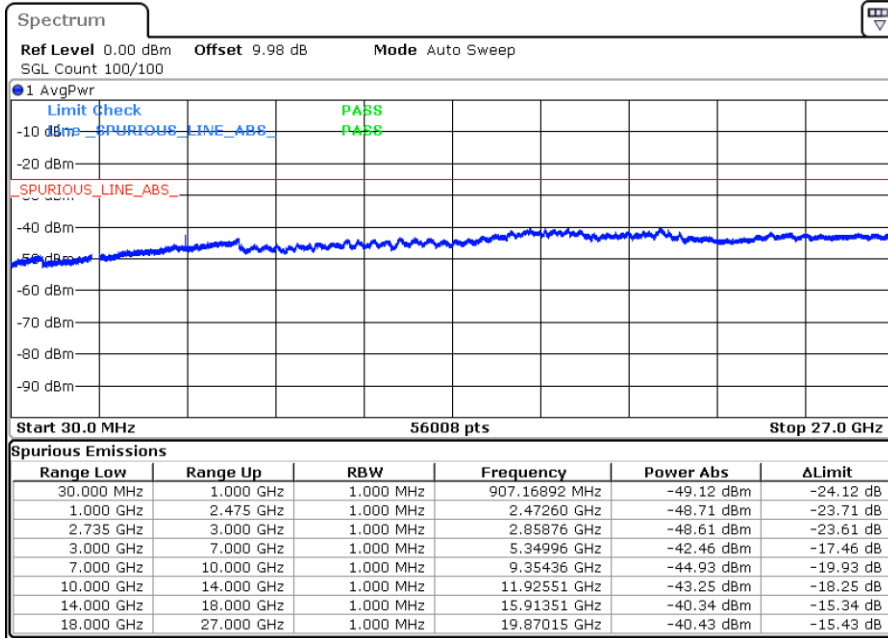


Date: 14.FEB.2023 00:22:36



Date: 14.FEB.2023 00:24:13

Highest Channel / QPSK



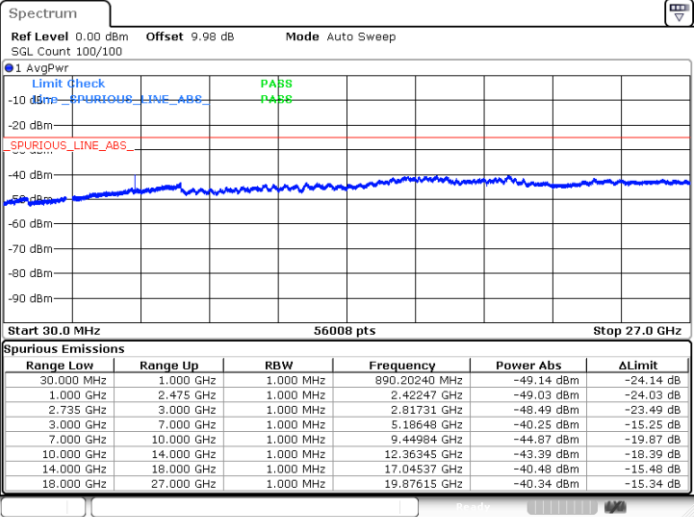
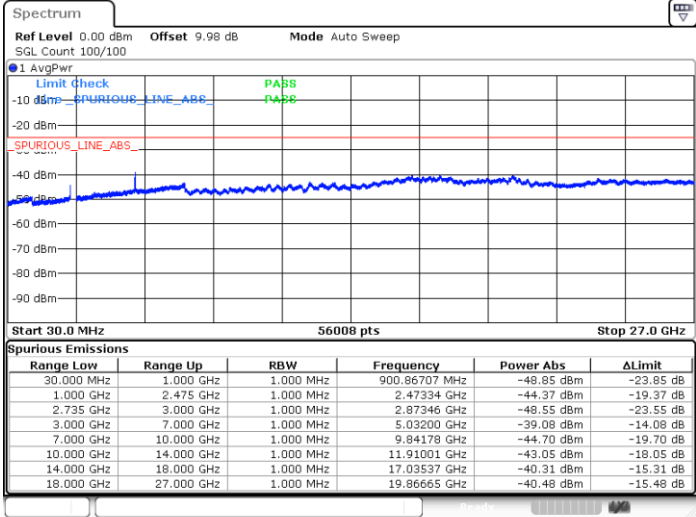
Date: 14.FEB.2023 00:39:13



LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

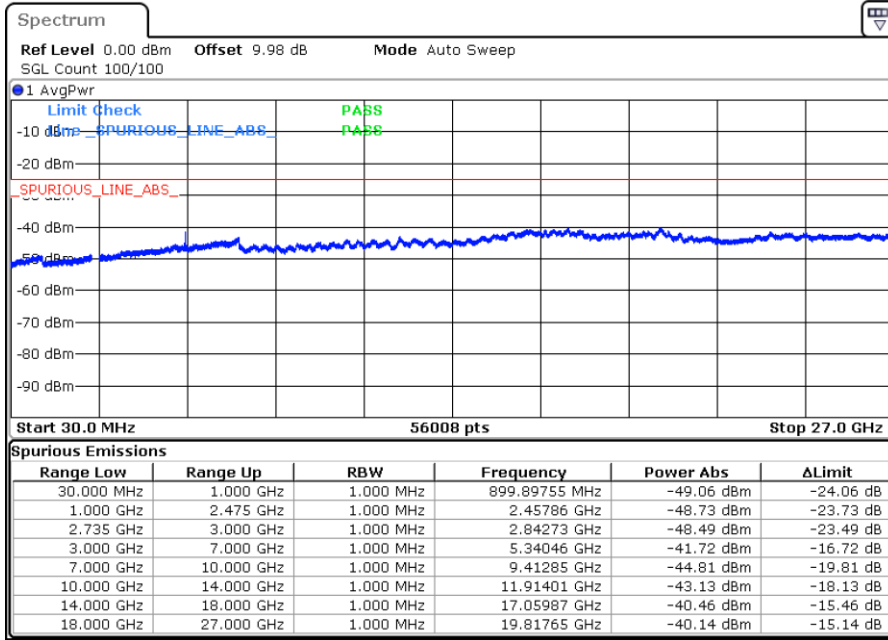
Middle Channel / QPSK



Date: 14.FEB.2023 00:54:30

Date: 14.FEB.2023 00:56:07

Highest Channel / QPSK



Date: 14.FEB.2023 01:11:07



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 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 :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 7 / 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	5004	-63.98	-25	-38.98	-74.19	3.03	13.24	H
	7500	-61.72	-25	-36.72	-71.17	3.56	13.01	H
	10008	-58.67	-25	-33.67	-68.19	3.92	13.44	H
	5004	-63.69	-25	-38.69	-73.90	3.03	13.24	V
	7500	-61.73	-25	-36.73	-71.18	3.56	13.01	V
	10008	-59.09	-25	-34.09	-68.61	3.92	13.44	V
Middle	5055	-64.32	-25	-39.32	-74.53	3.03	13.24	H
	7575	-62.07	-25	-37.07	-71.52	3.56	13.01	H
	10110	-58.22	-25	-33.22	-67.74	3.92	13.44	H
	5055	-63.91	-25	-38.91	-74.12	3.03	13.24	V
	7575	-62.11	-25	-37.11	-71.56	3.56	13.01	V
	10110	-58.60	-25	-33.60	-68.12	3.92	13.44	V
Highest	5100	-64.02	-25	-39.02	-74.23	3.03	13.24	H
	7650	-61.41	-25	-36.41	-70.86	3.56	13.01	H
	10200	-57.73	-25	-32.73	-67.25	3.92	13.44	H
	5100	-63.74	-25	-38.74	-73.95	3.03	13.24	V
	7650	-61.40	-25	-36.40	-70.85	3.56	13.01	V
	10200	-58.15	-25	-33.15	-67.67	3.92	13.44	V

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



LTE Band 12 / 10MHz / 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	1400	-66.33	-13	-53.33	-73.30	1.58	10.70	H
	2096	-61.70	-13	-48.70	-69.95	2.102	12.50	H
	2800	-59.66	-13	-46.66	-68.55	2.856	13.90	H
	1400	-66.13	-13	-53.13	-73.10	1.58	10.70	V
	2096	-60.23	-13	-47.23	-68.48	2.10	12.50	V
	2800	-58.52	-13	-45.52	-67.41	2.86	13.90	V
Middle	1408	-67.38	-13	-54.38	-74.35	1.58	10.70	H
	2112	-62.50	-13	-49.50	-70.75	2.102	12.50	H
	2816	-60.34	-13	-47.34	-69.23	2.856	13.90	H
	1408	-67.33	-13	-54.33	-74.30	1.58	10.70	V
	2112	-61.28	-13	-48.28	-69.53	2.10	12.50	V
	2816	-59.79	-13	-46.79	-68.68	2.86	13.90	V
Highest	1416	-67.60	-13	-54.60	-74.57	1.58	10.70	H
	2120	-62.83	-13	-49.83	-71.08	2.102	12.50	H
	2824	-60.48	-13	-47.48	-69.37	2.856	13.90	H
	1416	-67.54	-13	-54.54	-74.51	1.58	10.70	V
	2120	-61.18	-13	-48.18	-69.43	2.10	12.50	V
	2824	-59.88	-13	-46.88	-68.77	2.86	13.90	V

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



LTE Band 13 / 5MHz / 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	1552	-65.27	-13	-52.27	-67.90	1.09	5.87	H
	2328	-61.01	-13	-48.01	-63.41	1.37	5.92	H
	3112	-59.03	-13	-46.03	-62.92	1.64	7.68	H
	1552	-64.95	-13	-51.95	-67.58	1.09	5.87	V
	2328	-59.81	-13	-46.81	-62.21	1.37	5.92	V
	3112	-58.82	-13	-45.82	-62.71	1.64	7.68	V
Middle	1560	-64.42	-42.15	-22.27	-67.05	1.09	5.87	H
	2336	-60.24	-13	-47.24	-62.64	1.37	5.92	H
	3120	-58.40	-13	-45.40	-62.29	1.64	7.68	H
	1560	-64.35	-42.15	-22.20	-66.98	1.09	5.87	V
	2336	-58.91	-13	-45.91	-61.31	1.37	5.92	V
	3120	-58.18	-13	-45.18	-62.07	1.64	7.68	V
Highest	1568	-64.86	-42.15	-22.71	-67.49	1.09	5.87	H
	2344	-60.78	-13	-47.78	-63.18	1.37	5.92	H
	3128	-59.20	-13	-46.20	-63.09	1.64	7.68	H
	1568	-64.65	-42.15	-22.50	-67.28	1.09	5.87	V
	2344	-59.61	-13	-46.61	-62.01	1.37	5.92	V
	3128	-59.04	-13	-46.04	-62.93	1.64	7.68	V

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

LTE Band 13 / 10MHz / 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)
Middle	1552	-65.71	-13	-52.71	-68.34	1.09	5.87	H
	2328	-61.55	-13	-48.55	-63.95	1.37	5.92	H
	3112	-59.49	-13	-46.49	-63.38	1.64	7.68	H
	1552	-65.05	-13	-52.05	-67.68	1.09	5.87	V
	2328	-60.15	-13	-47.15	-62.55	1.37	5.92	V
	3112	-59.24	-13	-46.24	-63.13	1.64	7.68	V

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



LTE Band 41 / 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	4995	-64.78	-25	-39.78	-74.99	3.03	13.24	H
	7500	-61.36	-25	-36.36	-70.81	3.56	13.01	H
	10005	-58.74	-25	-33.74	-68.26	3.92	13.44	H
	4995	-64.24	-25	-39.24	-74.45	3.03	13.24	V
	7500	-61.09	-25	-36.09	-70.54	3.56	13.01	V
	10005	-58.77	-25	-33.77	-68.29	3.92	13.44	V
Middle	5175	-63.96	-25	-38.96	-74.17	3.03	13.24	H
	7755	-61.26	-25	-36.26	-70.71	3.56	13.01	H
	10335	-57.58	-25	-32.58	-67.10	3.92	13.44	H
	5175	-63.71	-25	-38.71	-73.92	3.03	13.24	V
	7755	-60.89	-25	-35.89	-70.34	3.56	13.01	V
	10335	-57.82	-25	-32.82	-67.34	3.92	13.44	V
Highest	5340	-63.86	-25	-38.86	-74.07	3.03	13.24	H
	8010	-61.04	-25	-36.04	-70.49	3.56	13.01	H
	10680	-57.77	-25	-32.77	-67.29	3.92	13.44	H
	5340	-62.74	-25	-37.74	-72.95	3.03	13.24	V
	8010	-60.70	-25	-35.70	-70.15	3.56	13.01	V
	10680	-58.13	-25	-33.13	-67.65	3.92	13.44	V

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



LTE Band 71 / 20MHz / 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	1328	-66.53	-13	-53.53	-68.28	1.02	4.92	H
	1992	-61.22	-13	-48.22	-63.19	1.27	5.39	H
	2656	-60.69	-13	-47.69	-63.62	1.49	6.57	H
	1328	-66.70	-13	-53.70	-68.45	1.02	4.92	V
	1992	-59.76	-13	-46.76	-61.73	1.27	5.39	V
	2656	-59.83	-13	-46.83	-62.76	1.49	6.57	V
Middle	1352	-66.25	-13	-53.25	-68.00	1.02	4.92	H
	2024	-61.74	-13	-48.74	-63.71	1.27	5.39	H
	2696	-60.61	-13	-47.61	-63.54	1.49	6.57	H
	1352	-66.12	-13	-53.12	-67.87	1.02	4.92	V
	2024	-60.53	-13	-47.53	-62.50	1.27	5.39	V
	2696	-60.14	-13	-47.14	-63.07	1.49	6.57	V
Highest	1360	-66.94	-13	-53.94	-68.69	1.02	4.92	H
	2040	-60.96	-13	-47.96	-62.93	1.27	5.39	H
	2720	-60.07	-13	-47.07	-63.00	1.49	6.57	H
	1360	-66.81	-13	-53.81	-68.56	1.02	4.92	V
	2040	-60.12	-13	-47.12	-62.09	1.27	5.39	V
	2720	-59.61	-13	-46.61	-62.54	1.49	6.57	V

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



LTE Band 7C_CA / 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)
PCC Lowest (1RB0)	5008	-63.79	-25	-38.79	-74.00	3.03	13.24	H
	7500	-62.15	-25	-37.15	-71.60	3.56	13.01	H
	10006	-61.44	-25	-36.44	-70.96	3.92	13.44	H
	5008	-64.09	-25	-39.09	-74.30	3.03	13.24	V
	7500	-62.36	-25	-37.36	-71.81	3.56	13.01	V
	10006	-61.92	-25	-36.92	-71.44	3.92	13.44	V
SCC Lowest (1RBMax)	5036	-64.07	-25	-39.07	-74.28	3.03	13.24	H
	7556	-62.40	-25	-37.40	-71.85	3.56	13.01	H
	10076	-61.61	-25	-36.61	-71.13	3.92	13.44	H
	5036	-64.18	-25	-39.18	-74.39	3.03	13.24	V
	7556	-62.10	-25	-37.10	-71.55	3.56	13.01	V
	10076	-61.39	-25	-36.39	-70.91	3.92	13.44	V
PCC Middle (1RB0)	5036	-64.31	-25	-39.31	-74.52	3.03	13.24	H
	7542	-61.43	-25	-36.43	-70.88	3.56	13.01	H
	10062	-61.62	-25	-36.62	-71.14	3.92	13.44	H
	5036	-64.53	-25	-39.53	-74.74	3.03	13.24	V
	7542	-58.47	-25	-33.47	-67.92	3.56	13.01	V
	10062	-61.78	-25	-36.78	-71.30	3.92	13.44	V
SCC Middle (1RBMax)	5064	-63.89	-25	-38.89	-74.10	3.03	13.24	H
	7598	-62.54	-25	-37.54	-71.99	3.56	13.01	H
	10132	-60.73	-25	-35.73	-70.25	3.92	13.44	H
	5064	-63.88	-25	-38.88	-74.09	3.03	13.24	V
	7598	-62.19	-25	-37.19	-71.64	3.56	13.01	V
	10132	-58.16	-25	-33.16	-67.68	3.92	13.44	V
PCC Highest (1RB0)	5064	-63.91	-25	-38.91	-74.12	3.03	13.24	H
	7598	-61.96	-25	-36.96	-71.41	3.56	13.01	H
	10118	-60.58	-25	-35.58	-70.10	3.92	13.44	H
	5064	-63.87	-25	-38.87	-74.08	3.03	13.24	V
	7598	-62.39	-25	-37.39	-71.84	3.56	13.01	V
	10118	-60.96	-25	-35.96	-70.48	3.92	13.44	V
SCC Highest (1RBMax)	5092	-63.82	-25	-38.82	-74.03	3.03	13.24	H
	7640	-62.06	-25	-37.06	-71.51	3.56	13.01	H
	10202	-61.25	-25	-36.25	-70.77	3.92	13.44	H
	5092	-64.20	-25	-39.20	-74.41	3.03	13.24	V
	7640	-61.46	-25	-36.46	-70.91	3.56	13.01	V
	10202	-61.70	-25	-36.70	-71.22	3.92	13.44	V

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



LTE Band 41C_CA / 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)
PCC Lowest (1RB0)	4994	-63.69	-25	-38.69	-73.90	3.03	13.24	H
	7486	-62.20	-25	-37.20	-71.65	3.56	13.01	H
	9992	-61.71	-25	-36.71	-71.23	3.92	13.44	H
	4994	-63.98	-25	-38.98	-74.19	3.03	13.24	V
	7486	-62.36	-25	-37.36	-71.81	3.56	13.01	V
	9992	-61.75	-25	-36.75	-71.27	3.92	13.44	V
SCC Lowest (1RBMax)	5036	-64.26	-25	-39.26	-74.47	3.03	13.24	H
	7542	-62.10	-25	-37.10	-71.55	3.56	13.01	H
	10062	-61.32	-25	-36.32	-70.84	3.92	13.44	H
	5036	-64.14	-25	-39.14	-74.35	3.03	13.24	V
	7542	-61.94	-25	-36.94	-71.39	3.56	13.01	V
	10062	-61.77	-25	-36.77	-71.29	3.92	13.44	V
PCC Middle (1RB0)	5148	-63.68	-25	-38.68	-73.89	3.03	13.24	H
	7724	-61.94	-25	-36.94	-71.39	3.56	13.01	H
	10300	-61.47	-25	-36.47	-70.99	3.92	13.44	H
	5148	-63.19	-25	-38.19	-73.40	3.03	13.24	V
	7724	-61.89	-25	-36.89	-71.34	3.56	13.01	V
	10300	-61.95	-25	-36.95	-71.47	3.92	13.44	V
SCC Middle (1RBMax)	5190	-63.53	-25	-38.53	-73.74	3.03	13.24	H
	7780	-61.84	-25	-36.84	-71.29	3.56	13.01	H
	10370	-61.31	-25	-36.31	-70.83	3.92	13.44	H
	5190	-63.26	-25	-38.26	-73.47	3.03	13.24	V
	7780	-61.72	-25	-36.72	-71.17	3.56	13.01	V
	10370	-61.43	-25	-36.43	-70.95	3.92	13.44	V
PCC Highest (1RB0)	5302	-65.03	-25	-40.03	-75.24	3.03	13.24	H
	7948	-61.36	-25	-36.36	-70.81	3.56	13.01	H
	10608	-60.33	-25	-35.33	-69.85	3.92	13.44	H
	5302	-64.95	-25	-39.95	-75.16	3.03	13.24	V
	7948	-61.67	-25	-36.67	-71.12	3.56	13.01	V
	10608	-60.40	-25	-35.40	-69.92	3.92	13.44	V
SCC Highest (1RBMax)	5344	-64.74	-25	-39.74	-74.95	3.03	13.24	H
	8004	-61.65	-25	-36.65	-71.10	3.56	13.01	H
	10678	-60.71	-25	-35.71	-70.23	3.92	13.44	H
	5344	-64.60	-25	-39.60	-74.81	3.03	13.24	V
	8004	-61.45	-25	-36.45	-70.90	3.56	13.01	V
	10678	-60.88	-25	-35.88	-70.40	3.92	13.44	V

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