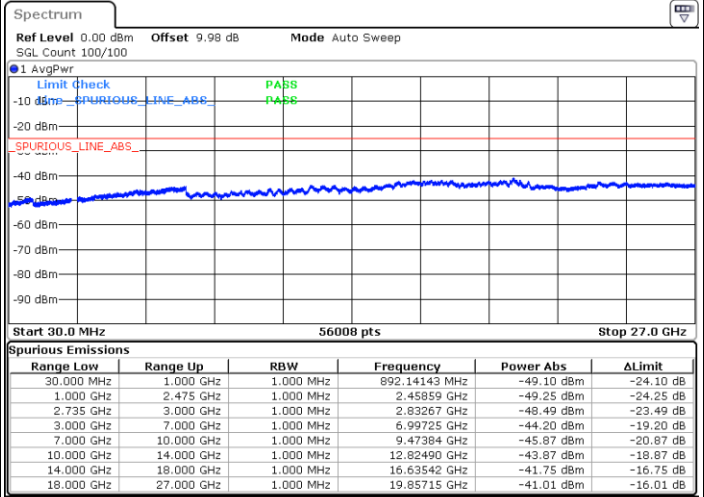
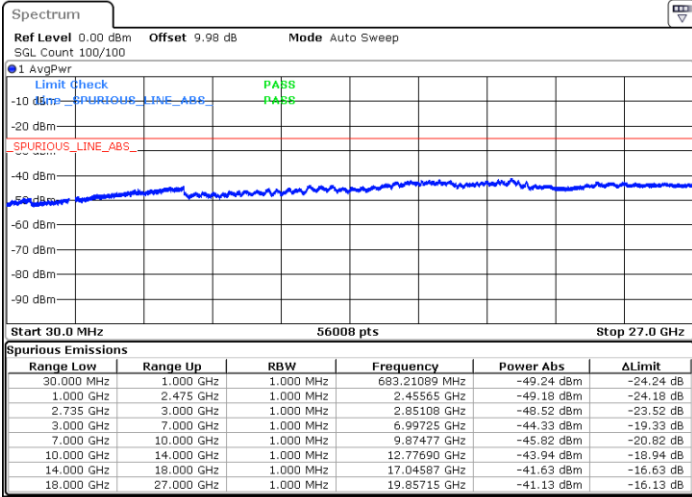




LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

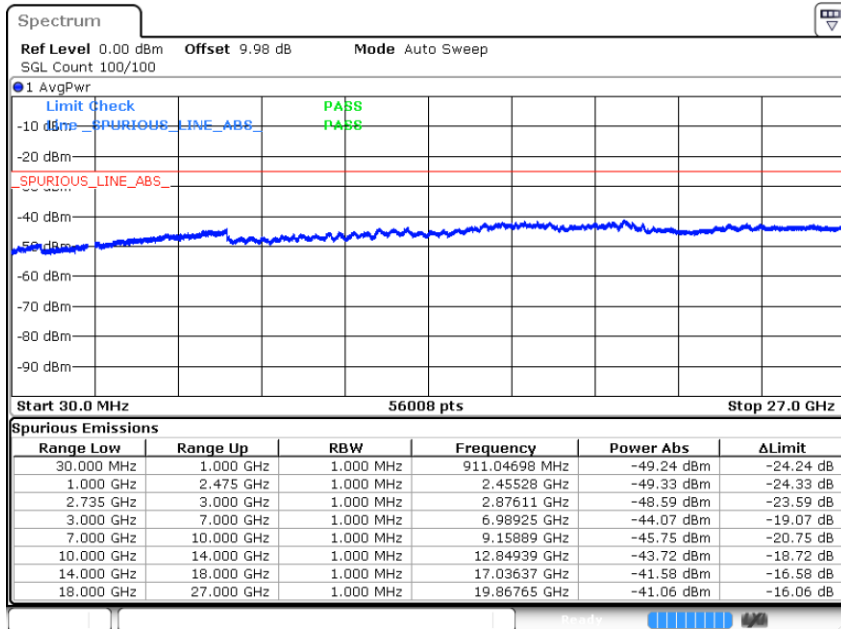
Middle Channel / QPSK



Date: 14.JAN.2022 17:42:27

Date: 14.JAN.2022 17:43:18

Highest Channel / QPSK



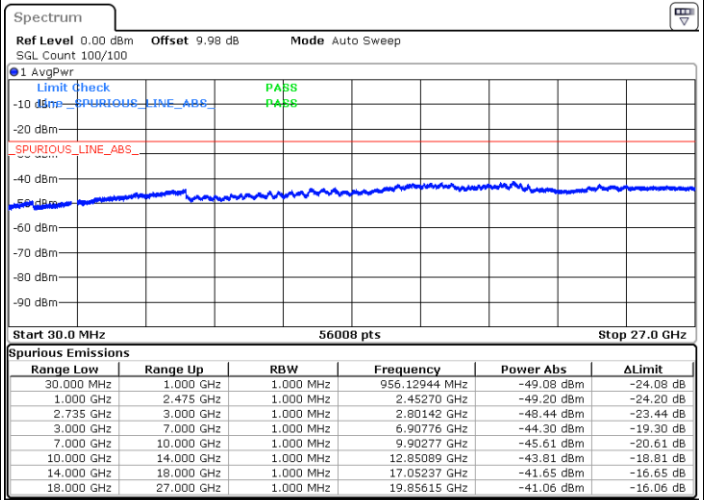
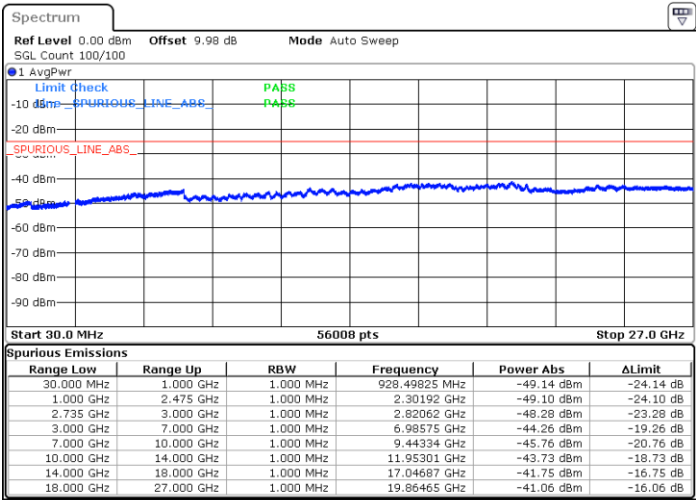
Date: 14.JAN.2022 17:44:08



LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

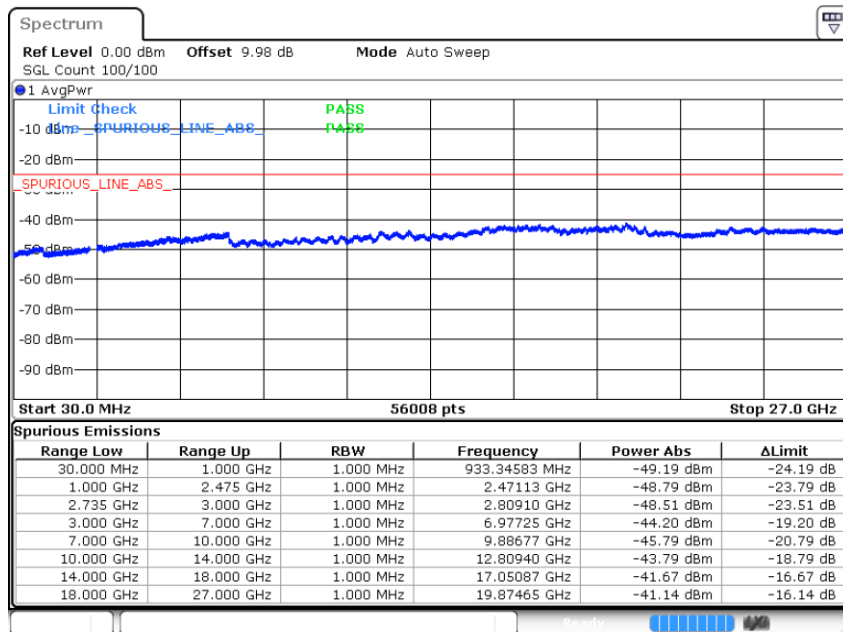
Middle Channel / QPSK



Date: 14 JAN 2022 17:39:34

Date: 14 JAN 2022 17:40:26

Highest Channel / QPSK

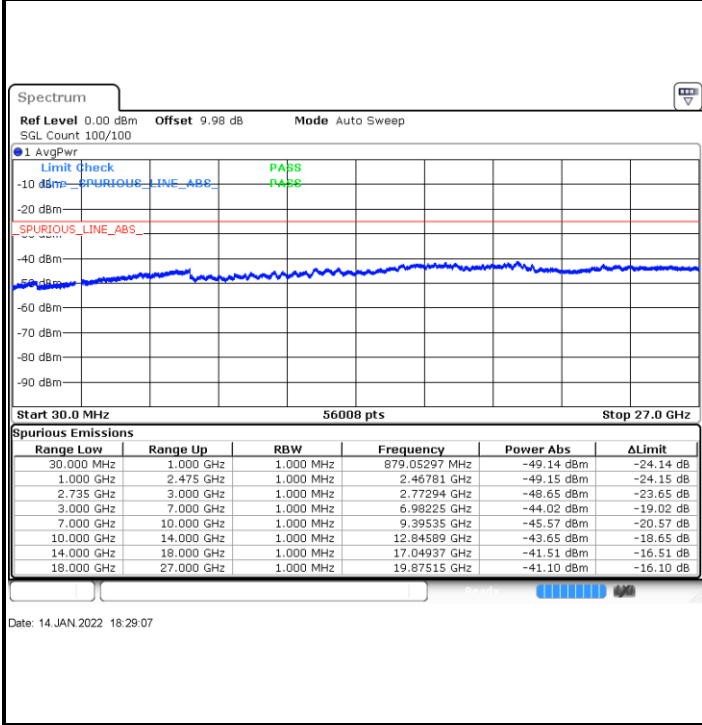


Date: 14 JAN 2022 17:41:17

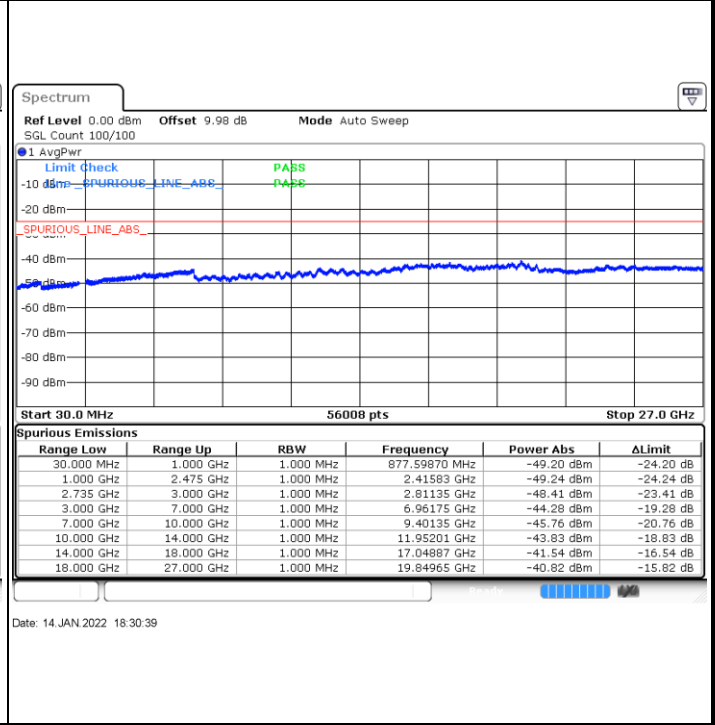


LTE Band 41C / 20MHz+5MHz

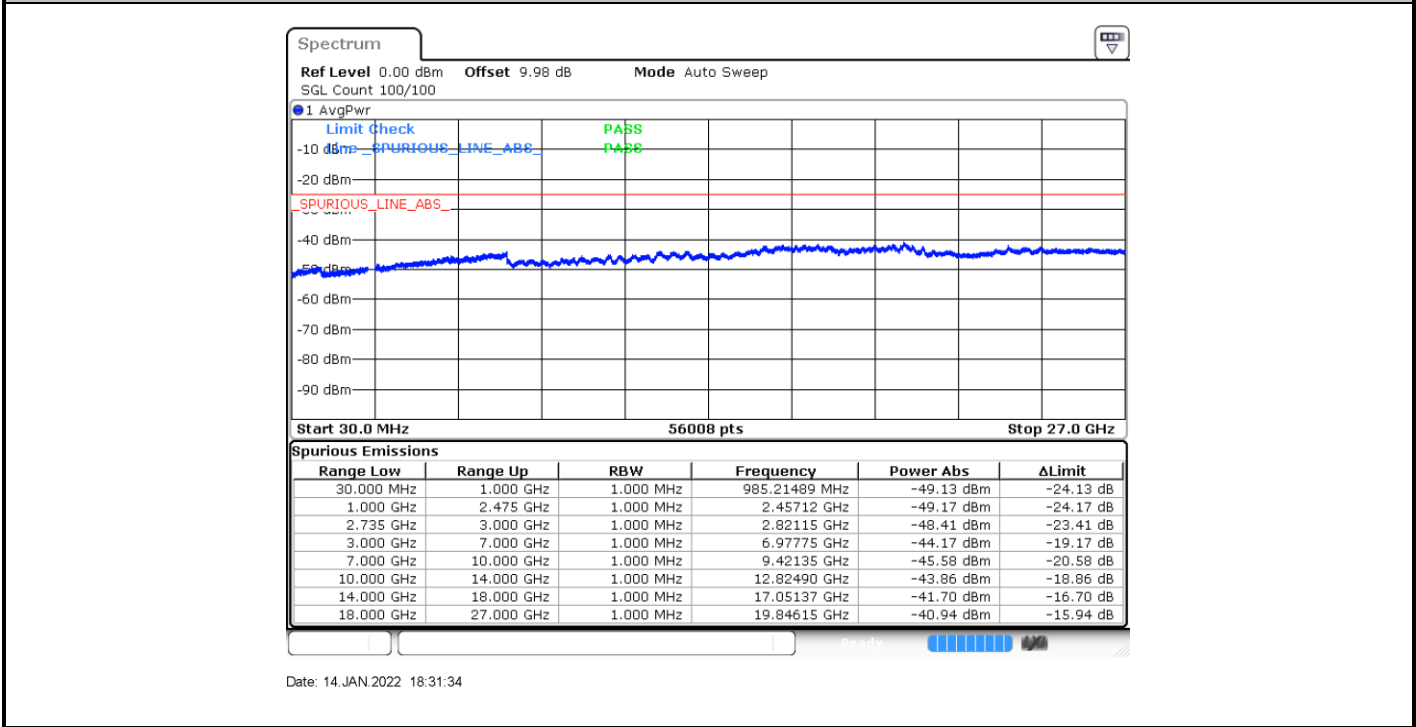
Lowest Channel / QPSK



Middle Channel / QPSK



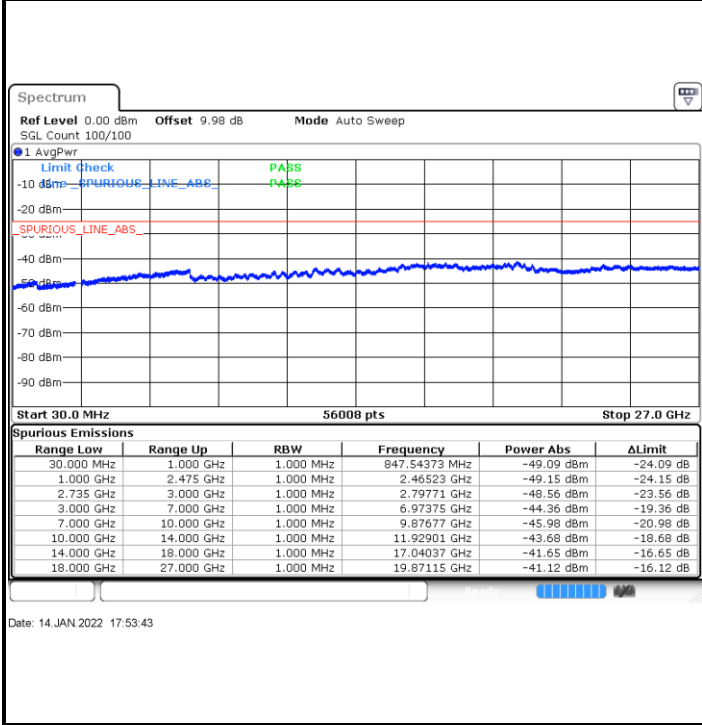
Highest Channel / QPSK



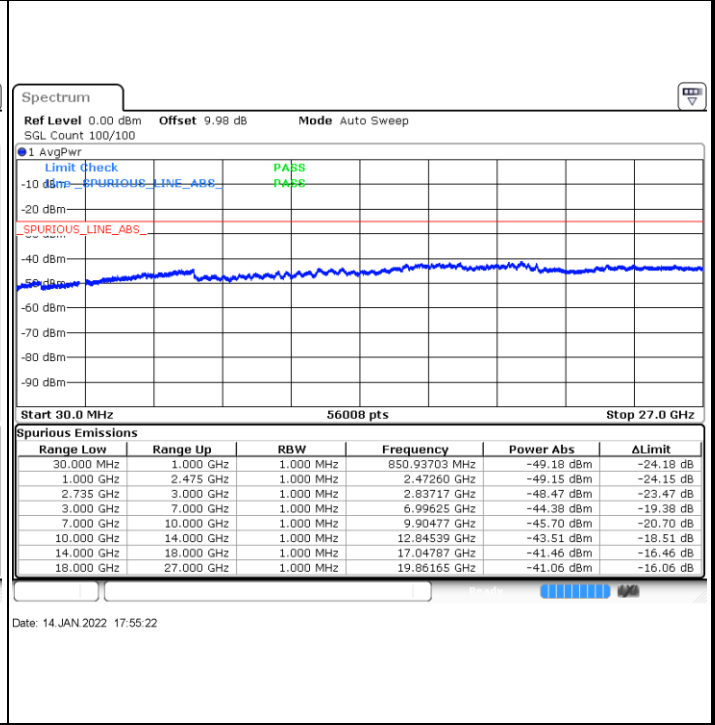


LTE Band 41C / 20MHz+10MHz

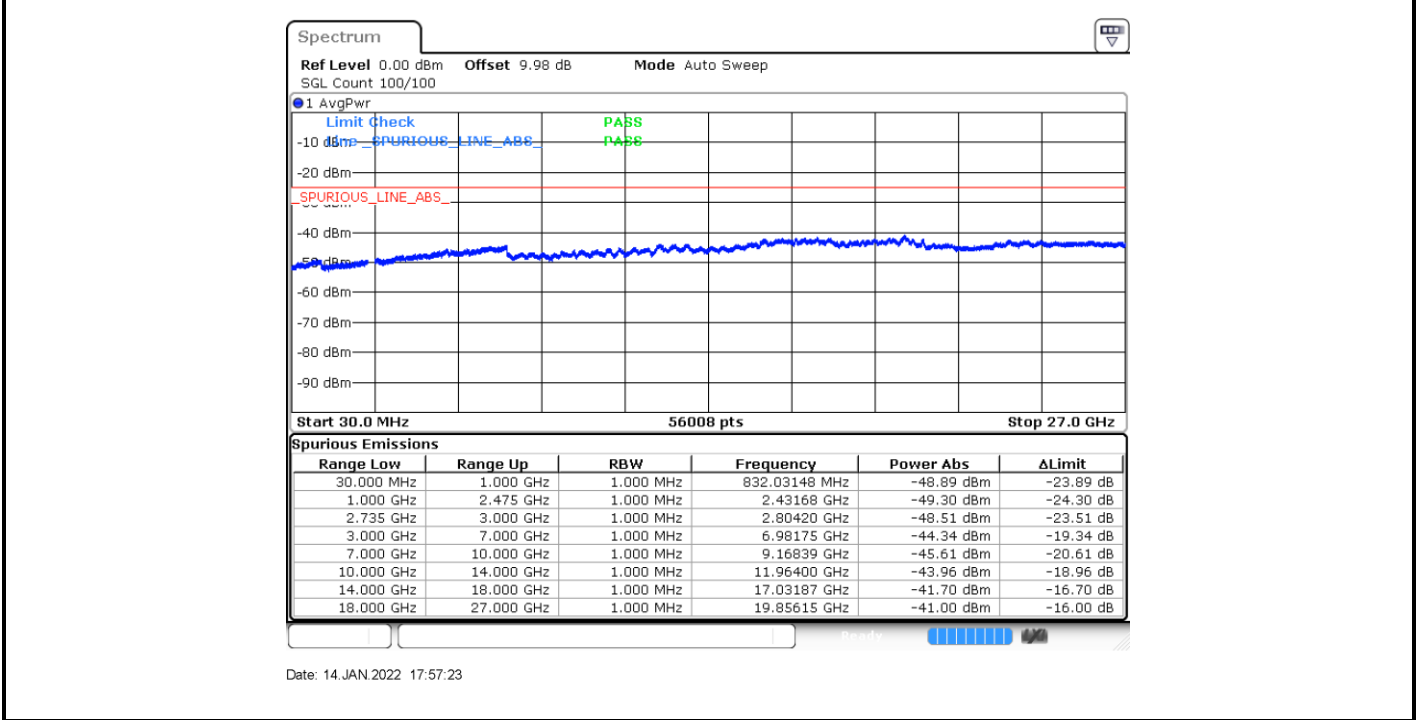
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

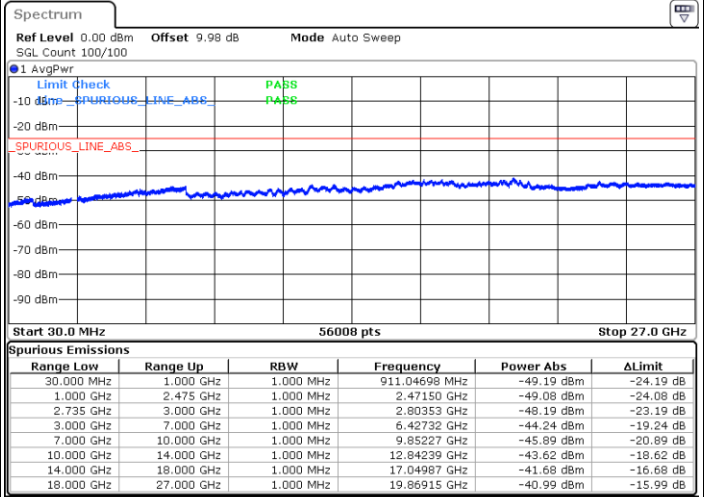
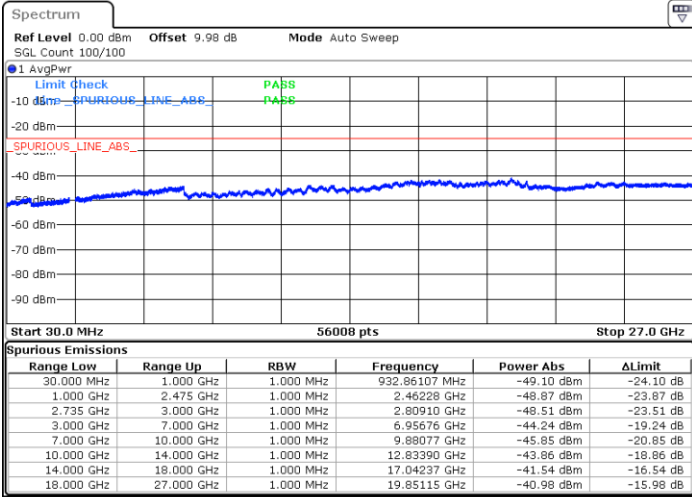




LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

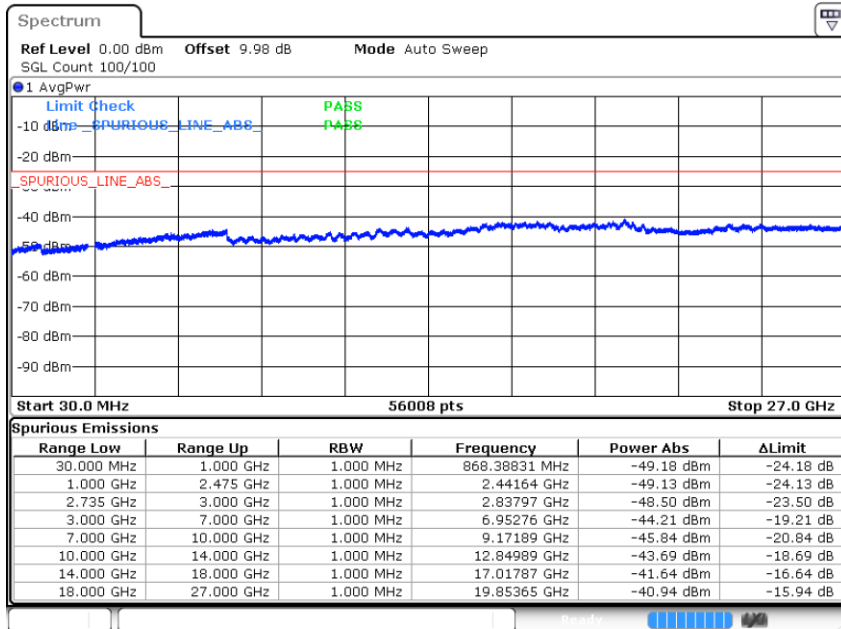
Middle Channel / QPSK



Date: 14 JAN 2022 17:36:27

Date: 14 JAN 2022 17:37:20

Highest Channel / QPSK



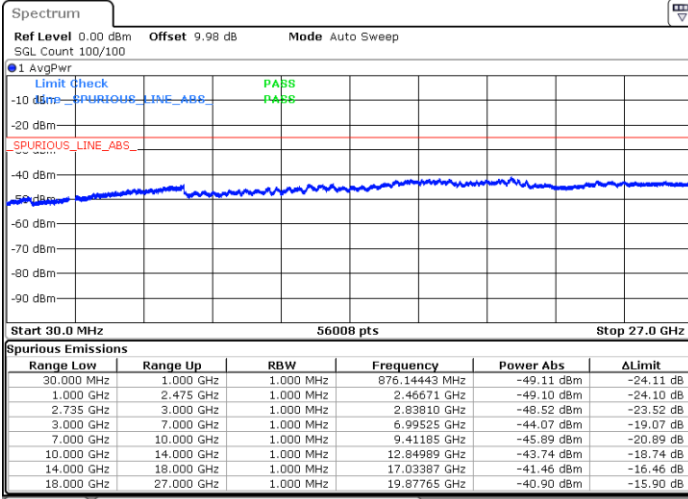
Date: 14 JAN 2022 17:38:35



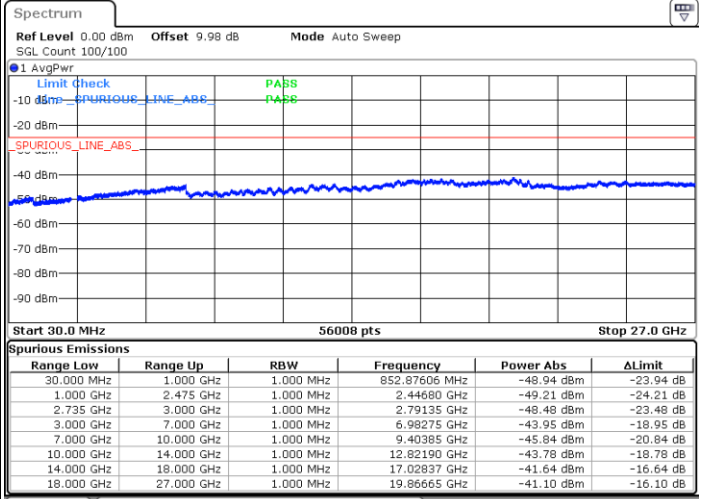
LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

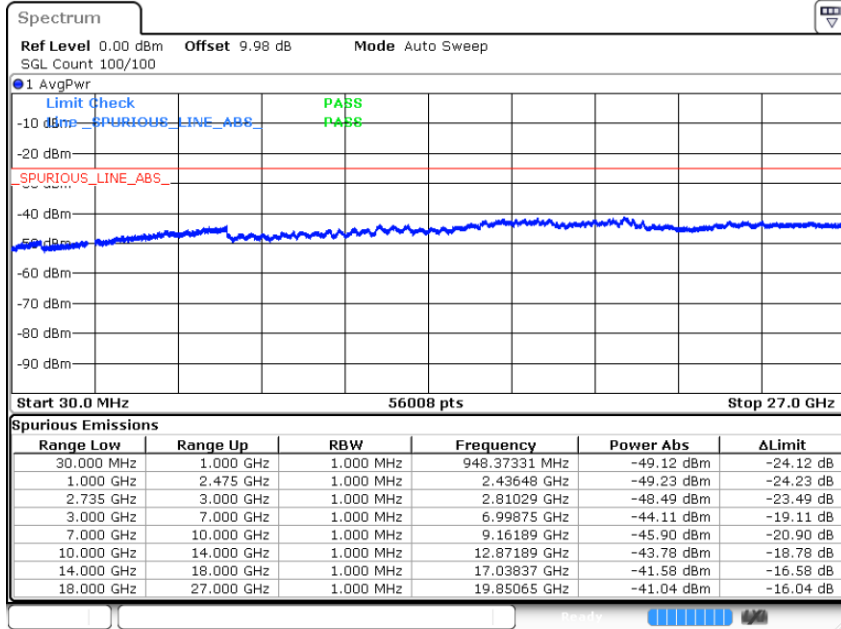


Date: 14 JAN 2022 17:32:41



Date: 14 JAN 2022 17:31:13

Highest Channel / QPSK



Date: 14 JAN 2022 17:35:22



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	0.0015	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

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

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)
Middle	5052	-57.67	-25	-32.67	-67.88	3.03	13.24	H
	7580	-50.79	-25	-25.79	-60.24	3.56	13.01	H
	10100	-58.85	-25	-33.85	-68.37	3.92	13.44	H
	5052	-59.92	-25	-34.92	-70.13	3.03	13.24	V
	7580	-44.43	-25	-19.43	-53.88	3.56	13.01	V
	10100	-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.

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)
Middle	1406	-71.58	-13	-58.58	-78.55	1.58	10.70	H
	2110	-64.38	-13	-51.38	-72.63	2.102	12.50	H
	2812	-64.80	-13	-51.80	-73.69	2.856	13.90	H
	1406	-71.64	-13	-58.64	-78.61	1.58	10.70	V
	2110	-62.50	-13	-49.50	-70.75	2.10	12.50	V
	2812	-63.99	-13	-50.99	-72.88	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)
Middle	1560	-69.93	-42.15	-27.78	-72.56	1.09	5.87	H
	2339.52	-63.75	-13	-50.75	-66.15	1.37	5.92	H
	3120	-64.33	-13	-51.33	-68.22	1.64	7.68	H
	1560	-68.40	-42.15	-26.25	-71.03	1.09	5.87	V
	2339.52	-63.95	-13	-50.95	-66.35	1.37	5.92	V
	3119.36	-63.81	-13	-50.81	-67.70	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	-69.75	-13	-56.75	-72.38	1.09	5.87	H
	2332.77	-64.43	-13	-51.43	-66.83	1.37	5.92	H
	3110.36	-64.17	-13	-51.17	-68.06	1.64	7.68	H
	1555.18	-69.39	-13	-56.39	-72.02	1.09	5.87	V
	2332.77	-63.99	-13	-50.99	-66.39	1.37	5.92	V
	3112	-63.67	-13	-50.67	-67.56	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)
Middle	5168	-63.06	-25	-38.06	-73.27	3.03	13.24	H
	7756	-56.09	-25	-31.09	-65.54	3.56	13.01	H
	10340	-59.23	-25	-34.23	-68.75	3.92	13.44	H
	5168	-58.88	-25	-33.88	-69.09	3.03	13.24	V
	7756	-57.13	-25	-32.13	-66.58	3.56	13.01	V
	10340	-61.19	-25	-36.19	-70.71	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)
Middle	1344	-65.67	-13	-52.67	-67.42	1.02	4.92	H
	2016	-59.99	-13	-46.99	-61.96	1.27	5.39	H
	2688	-58.04	-13	-45.04	-60.97	1.49	6.57	H
	1344	-65.22	-13	-52.22	-66.97	1.02	4.92	V
	2016	-59.12	-13	-46.12	-61.09	1.27	5.39	V
	2688	-56.82	-13	-43.82	-59.75	1.49	6.57	V

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

LTE Band 41_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)
Middle	7260	-44.91	-40	-4.91	-56.37	2.84	14.30	H
	10896	-52.36	-40	-12.36	-62.30	3.49	13.43	H
	14532	-47.43	-40	-7.43	-57.67	3.85	14.09	H
	7260	-46.43	-40	-6.43	-57.89	2.84	14.30	V
	10896	-55.22	-40	-15.22	-65.16	3.49	13.43	V
	14532	-51.39	-40	-11.39	-61.63	3.85	14.09	V

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