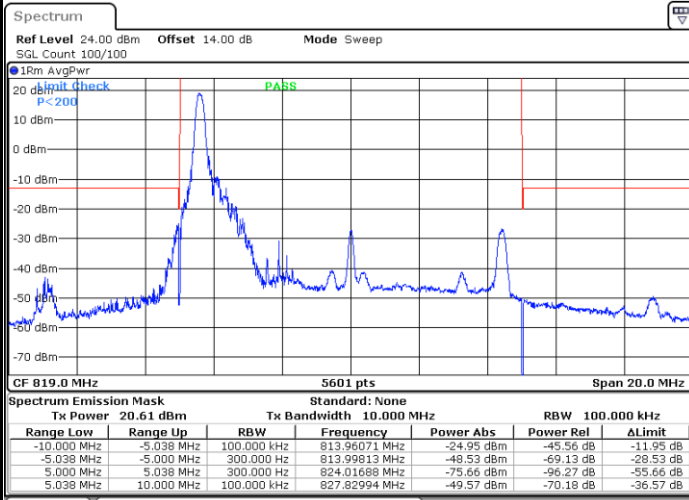


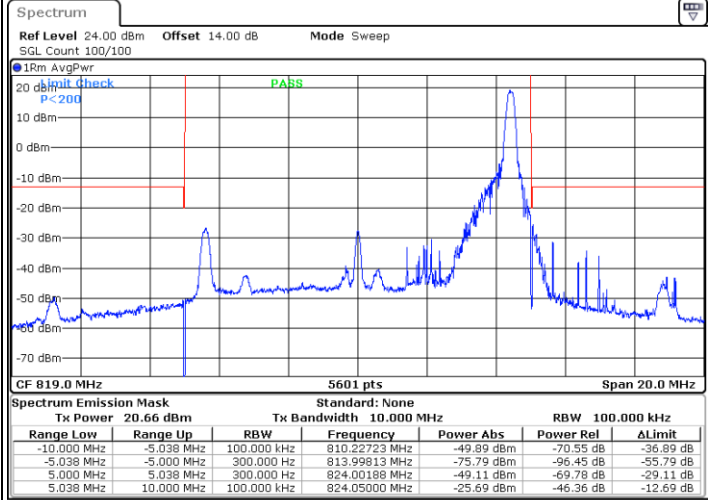


LTE Band 26 / 10MHz / 16QAM

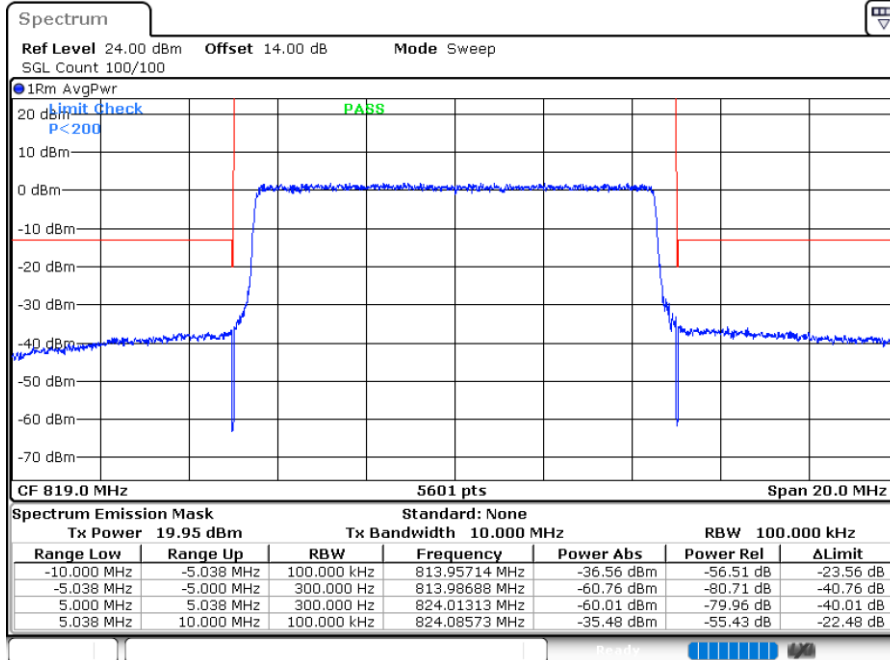
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



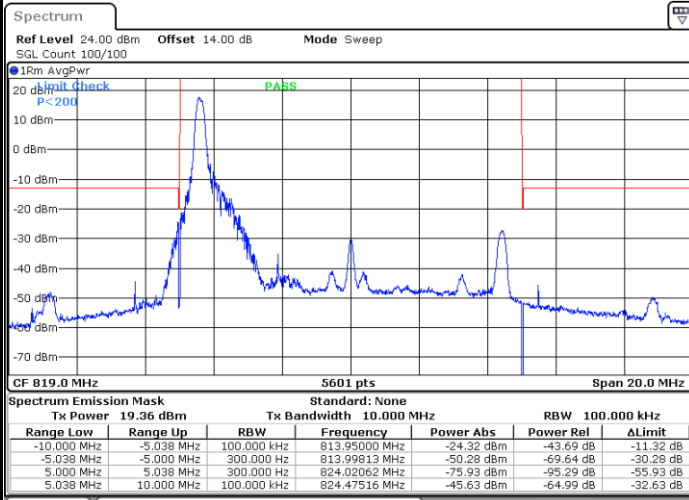
Band Edge / Full RB



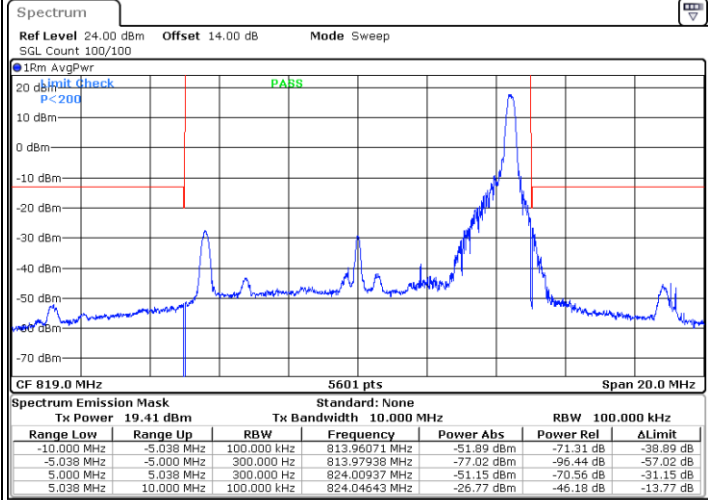


LTE Band 26 / 10MHz / 64QAM

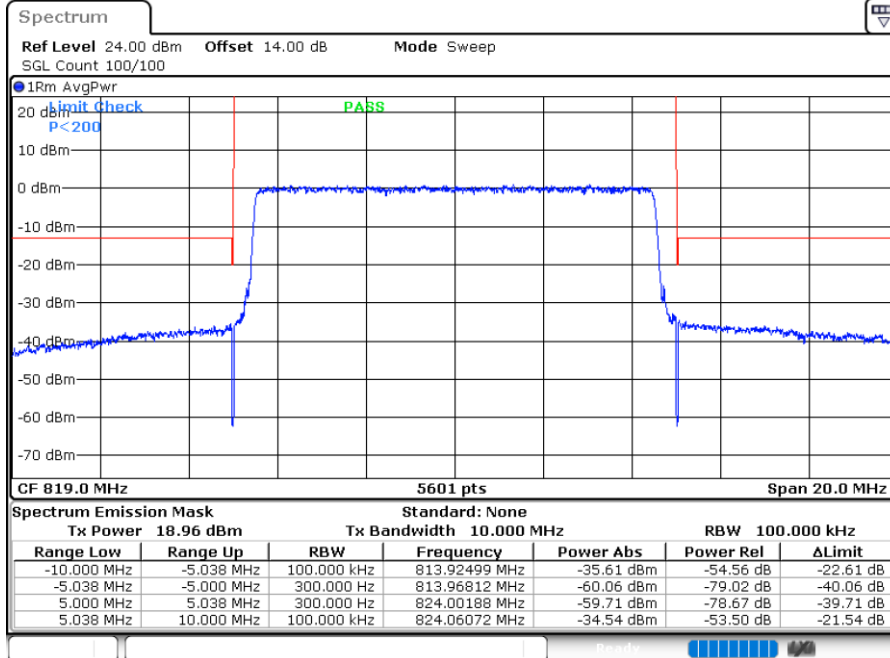
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



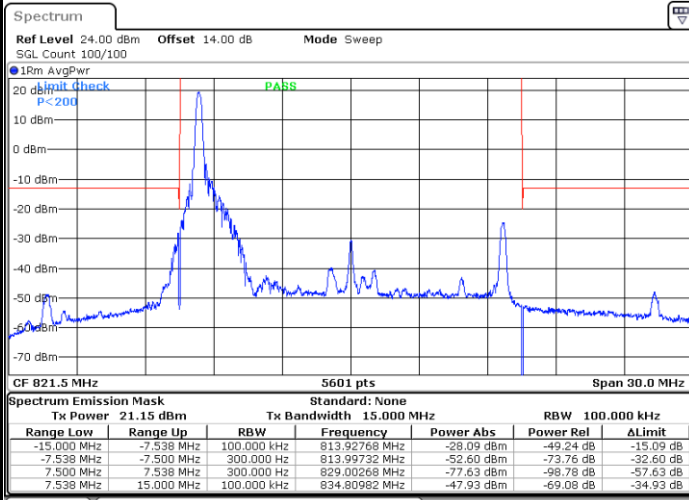
Band Edge / Full RB



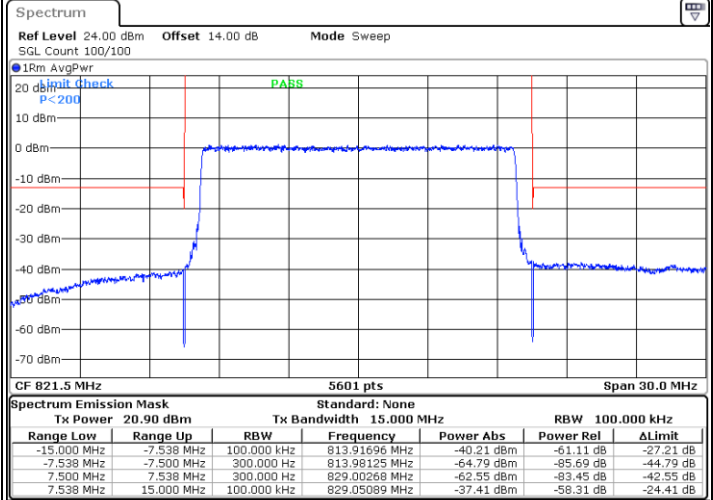


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

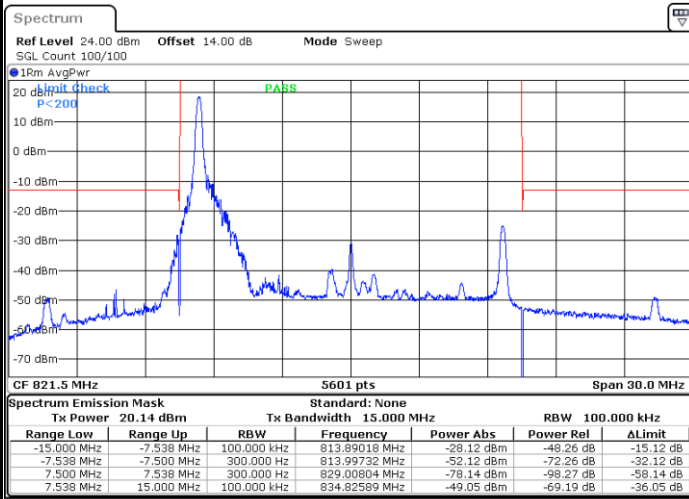


Lowest Band Edge / Full RB

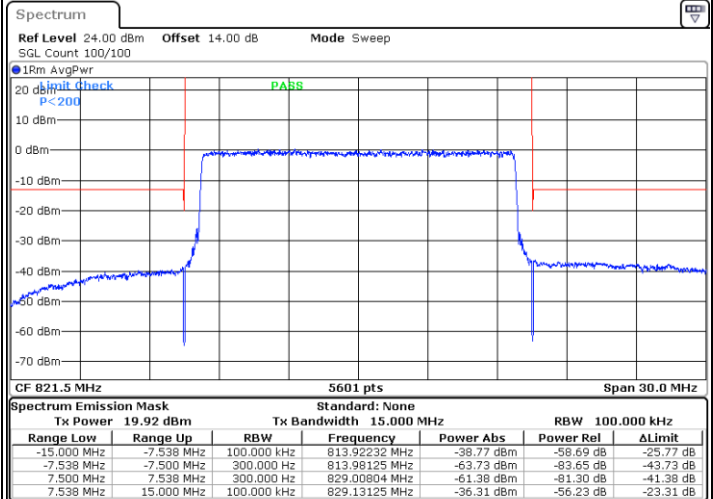


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



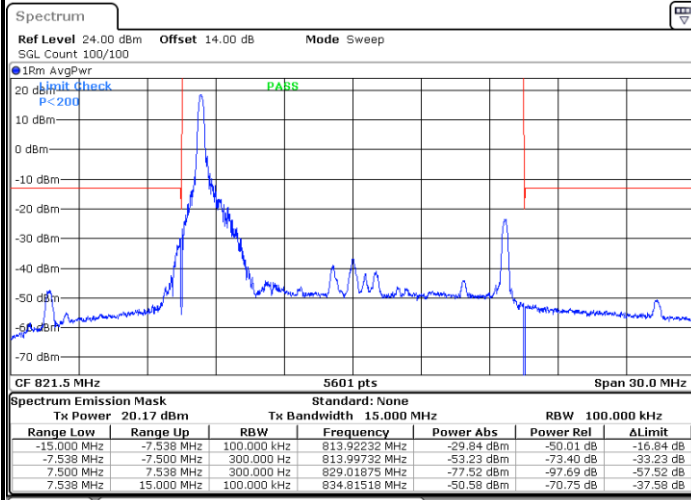
Lowest Band Edge / Full RB





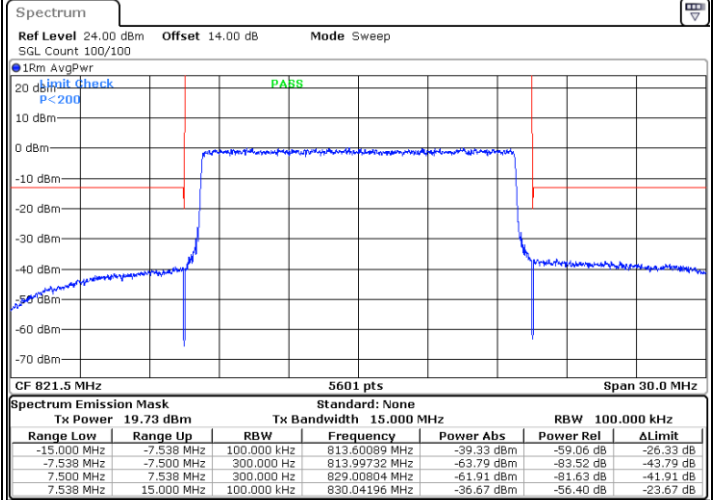
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 12.AUG.2021 18:32:31

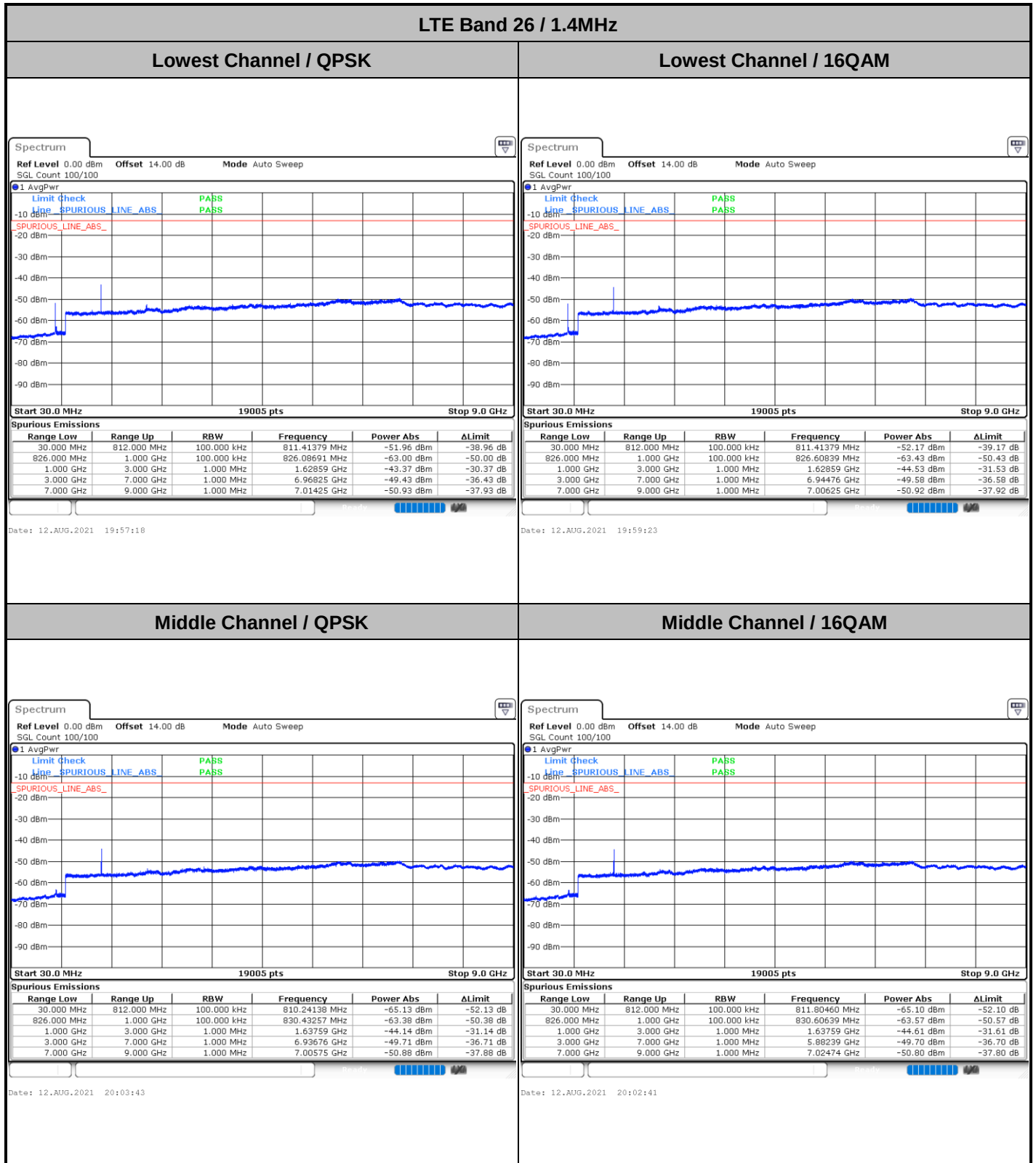
Lowest Band Edge / Full RB



Date: 12.AUG.2021 18:36:30



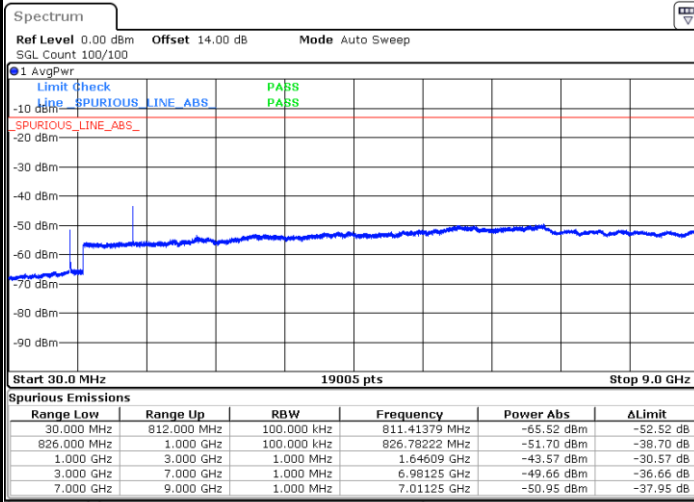
Conducted Spurious Emission





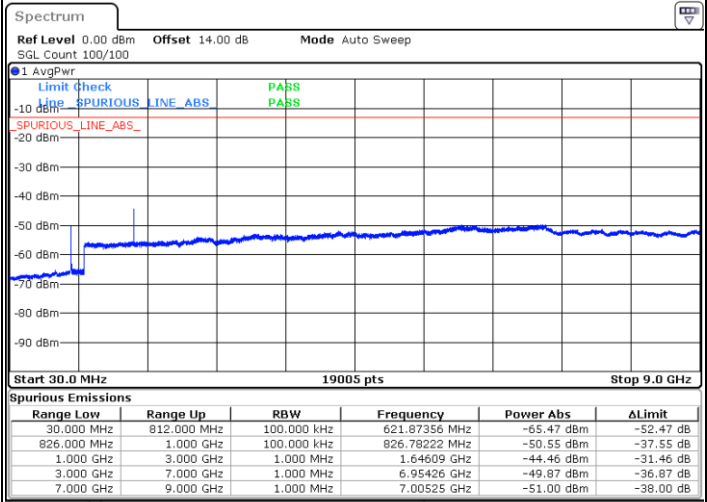
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 12.AUG.2021 20:05:04

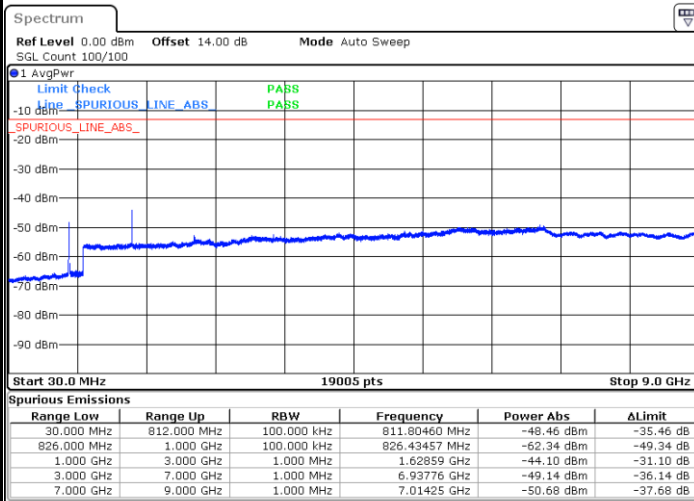
Highest Channel / 16QAM



Date: 12.AUG.2021 20:06:04

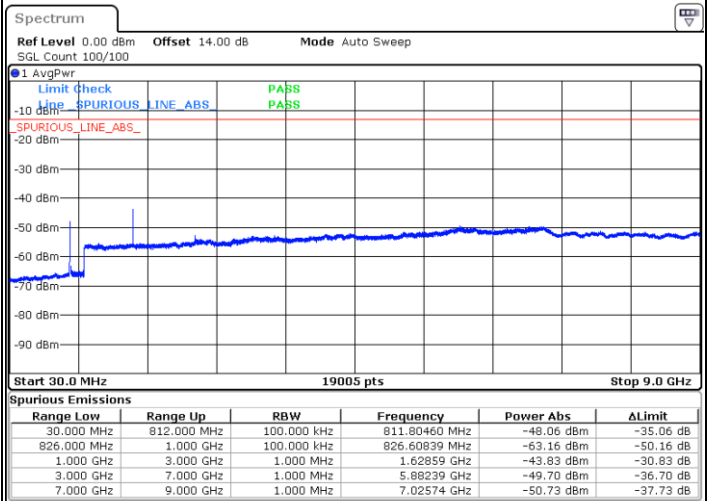
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 12.AUG.2021 19:05:49

Lowest Channel / 16QAM

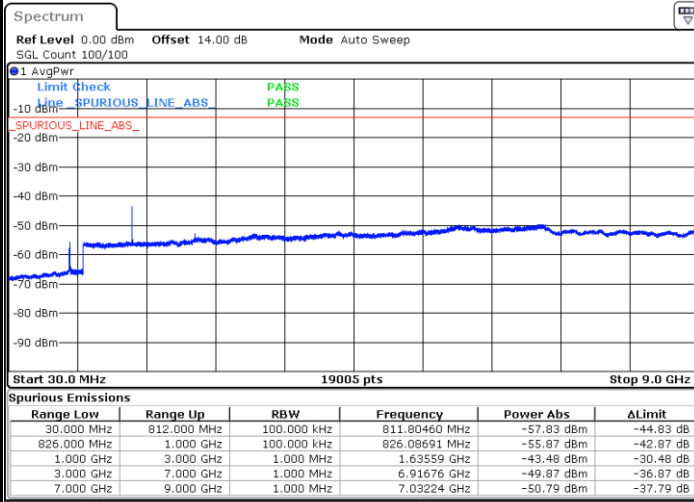


Date: 12.AUG.2021 19:07:00



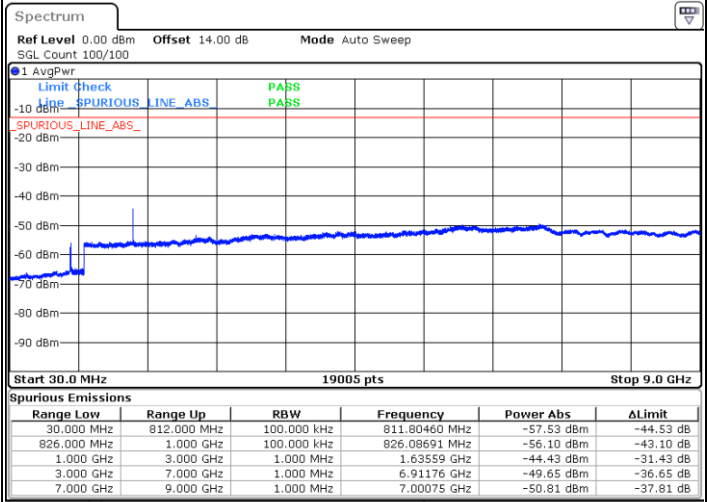
LTE Band 26 / 3MHz

Middle Channel / QPSK



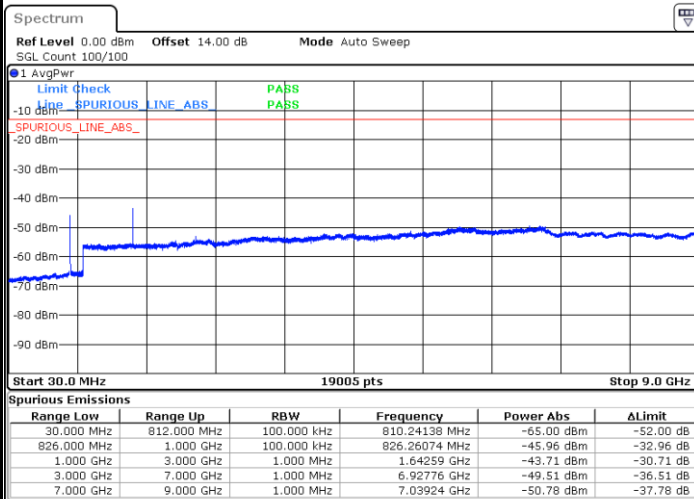
Date: 12.AUG.2021 19:09:40

Middle Channel / 16QAM



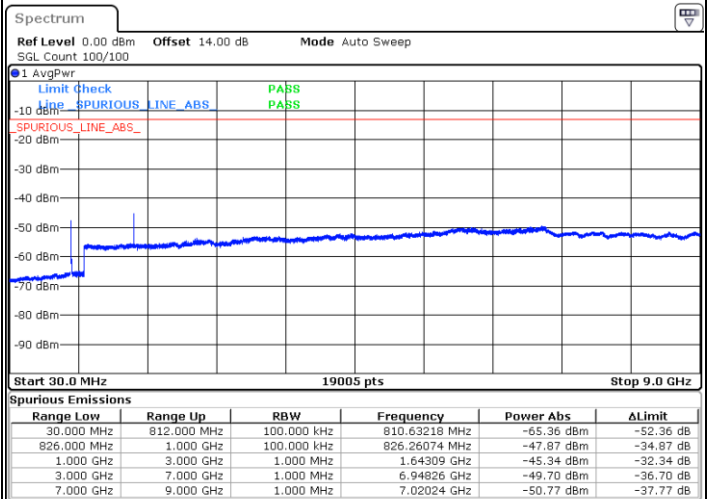
Date: 12.AUG.2021 19:10:52

Highest Channel / QPSK



Date: 12.AUG.2021 19:13:32

Highest Channel / 16QAM

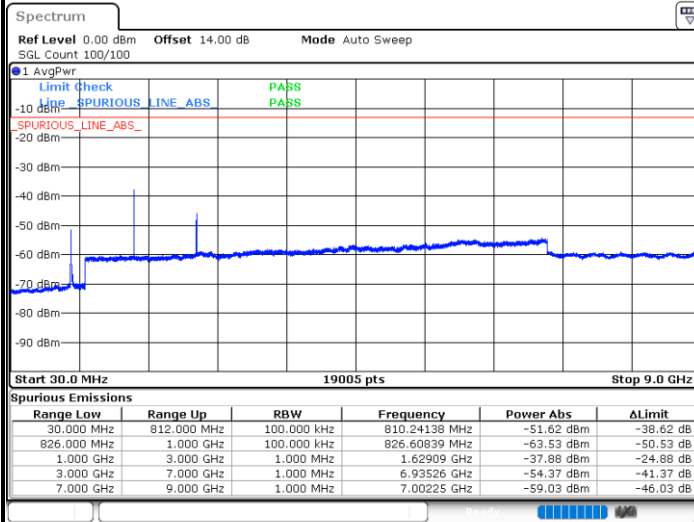


Date: 12.AUG.2021 19:17:34



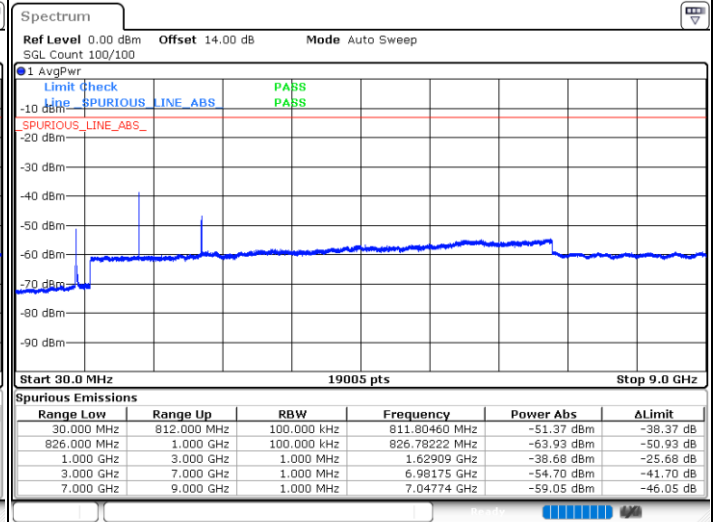
LTE Band 26 / 5MHz

Lowest Channel / QPSK



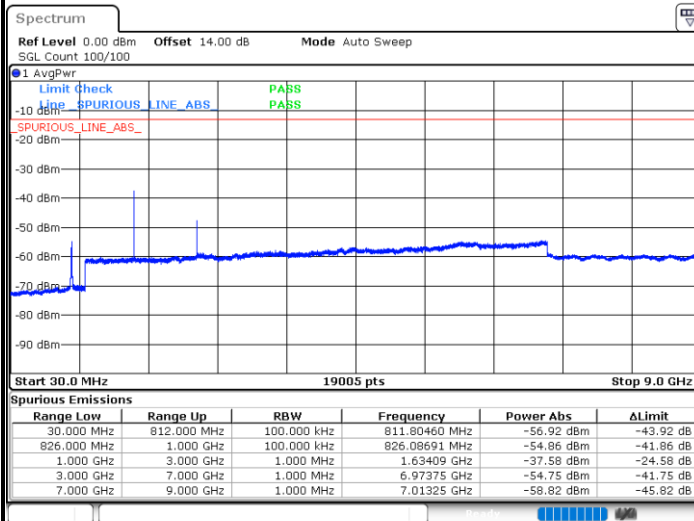
Date: 12.AUG.2021 19:20:14

Lowest Channel / 16QAM



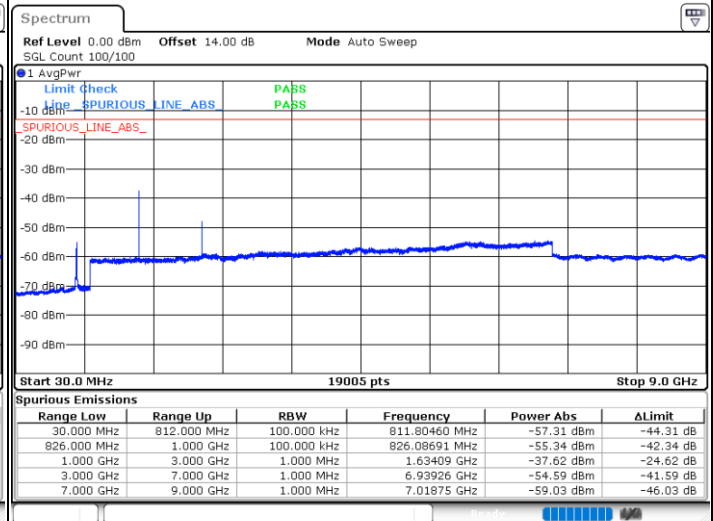
Date: 12.AUG.2021 19:21:26

Middle Channel / QPSK



Date: 12.AUG.2021 19:24:06

Middle Channel / 16QAM

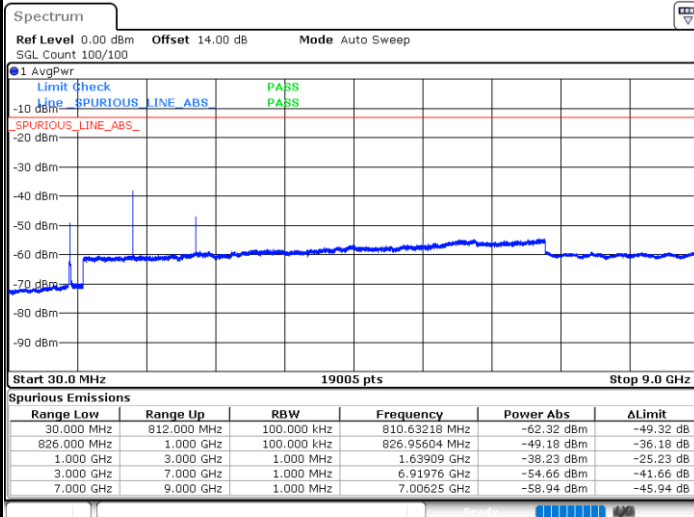


Date: 12.AUG.2021 19:25:18



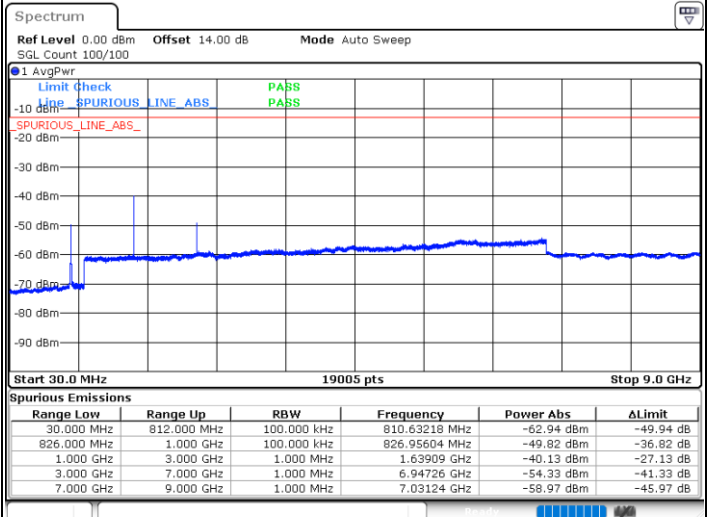
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 12.AUG.2021 19:27:58

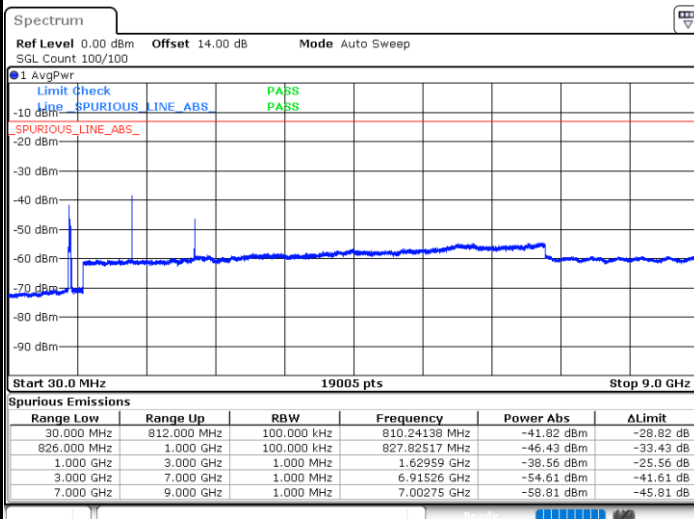
Highest Channel / 16QAM



Date: 12.AUG.2021 19:29:09

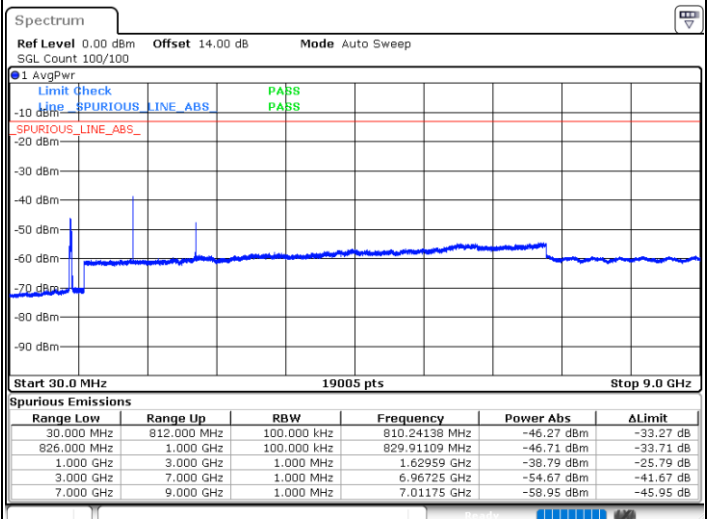
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 12.AUG.2021 19:31:50

Middle Channel / 16QAM

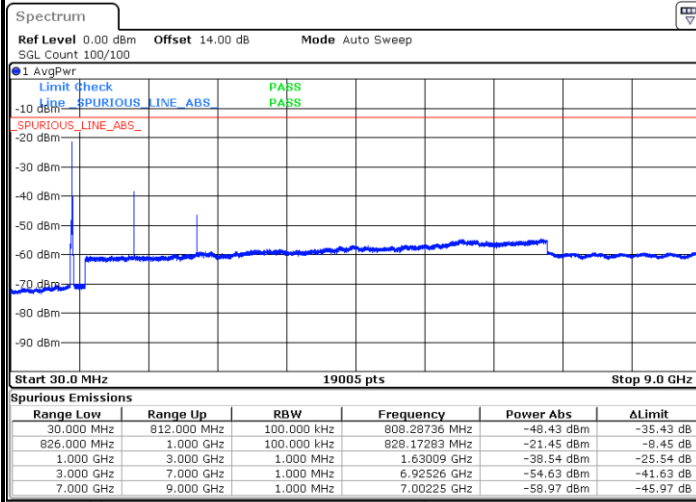


Date: 12.AUG.2021 19:33:02



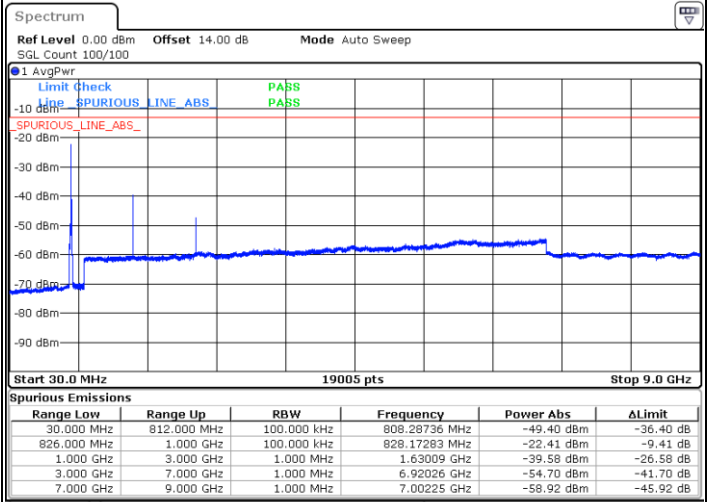
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 12.AUG.2021 19:43:09

Lowest Channel / 16QAM

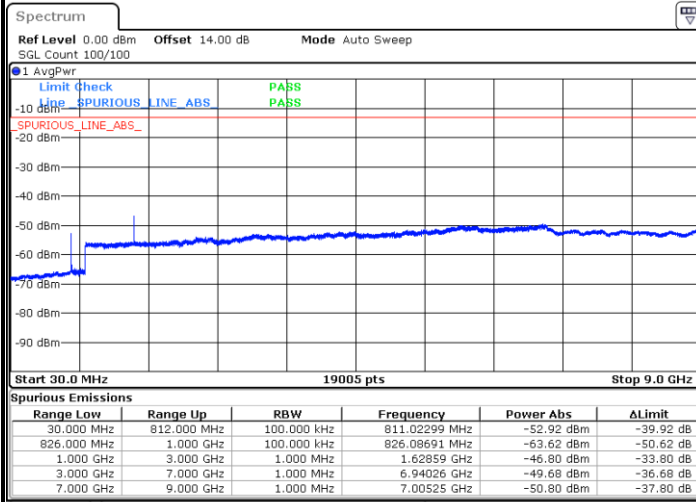


Date: 12.AUG.2021 20:12:10



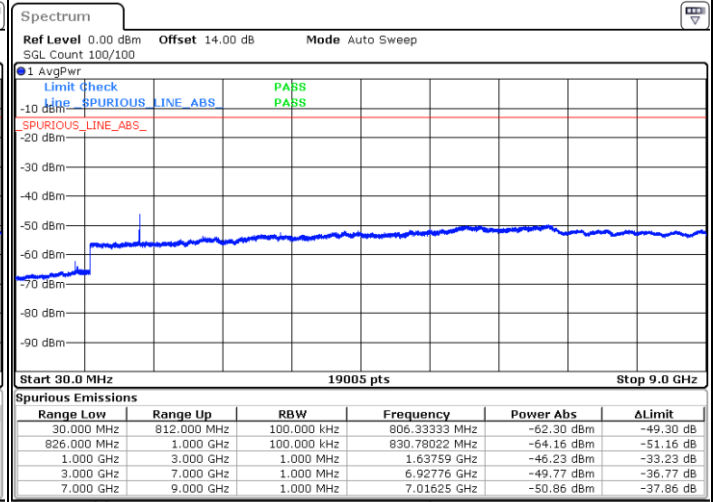
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



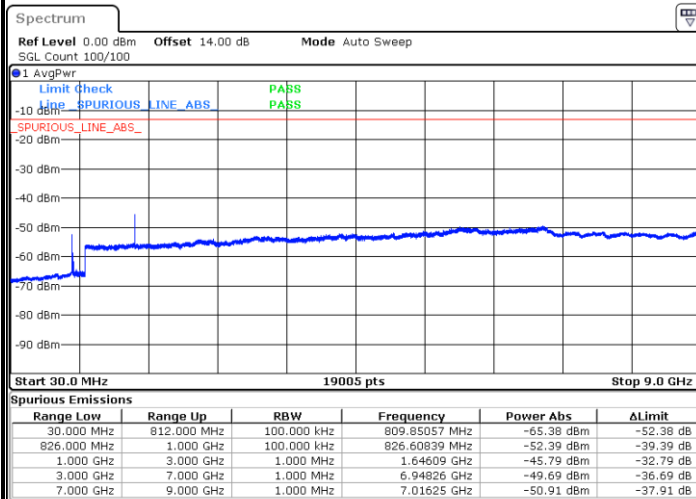
Date: 12.AUG.2021 20:00:33

Middle Channel / 64QAM



Date: 12.AUG.2021 20:01:40

Highest Channel / 64QAM

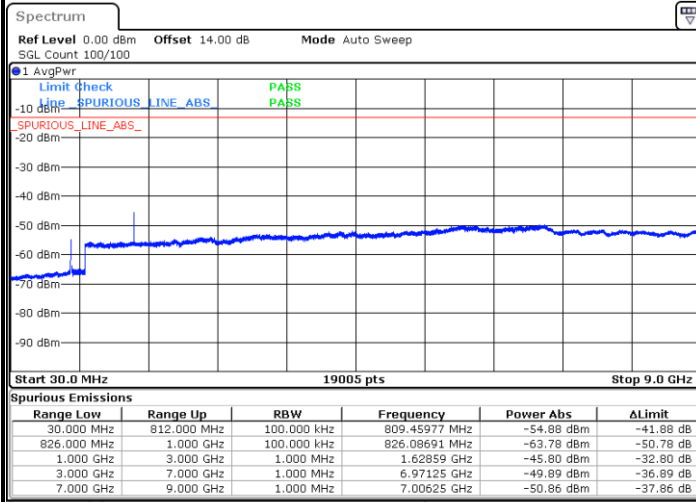


Date: 12.AUG.2021 20:07:06



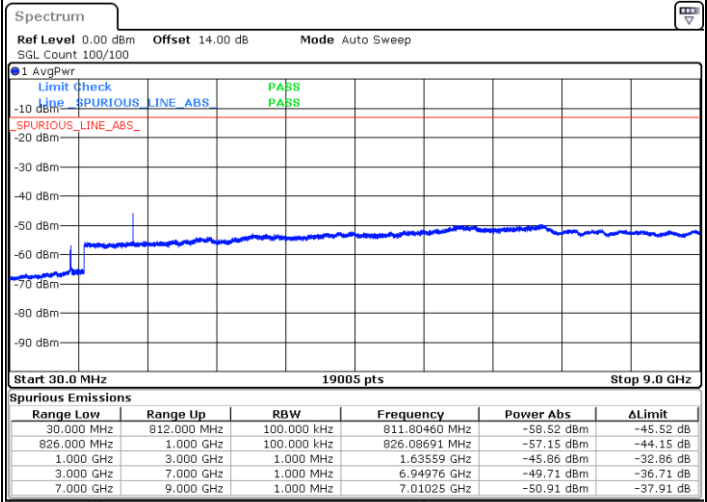
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



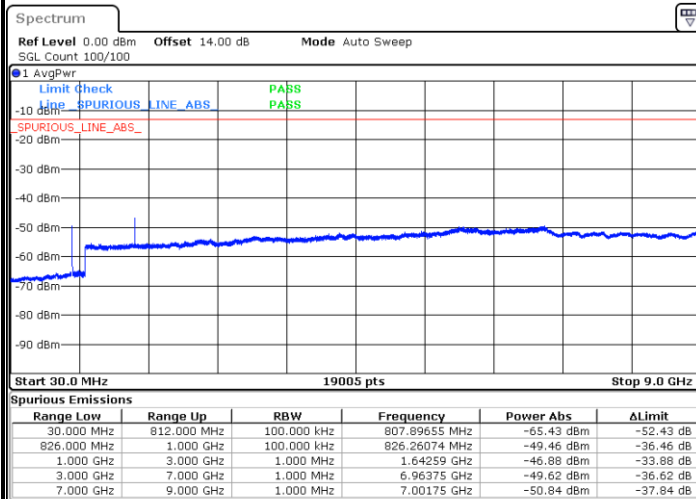
Date: 12.AUG.2021 18:38:27

Middle Channel / 64QAM



Date: 12.AUG.2021 18:40:22

Highest Channel / 64QAM

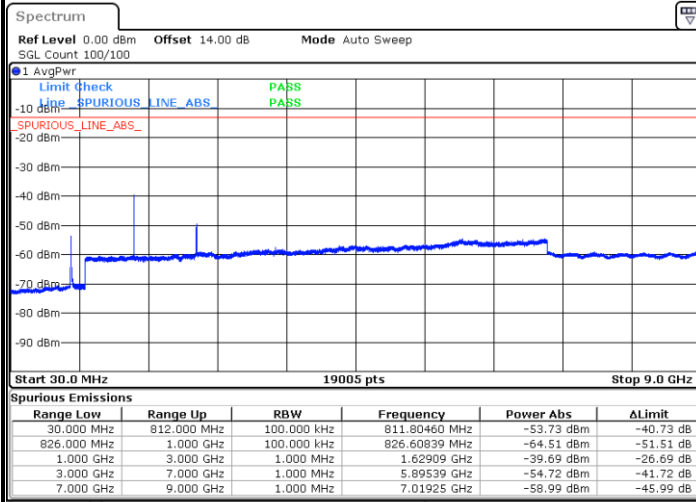


Date: 12.AUG.2021 18:42:19



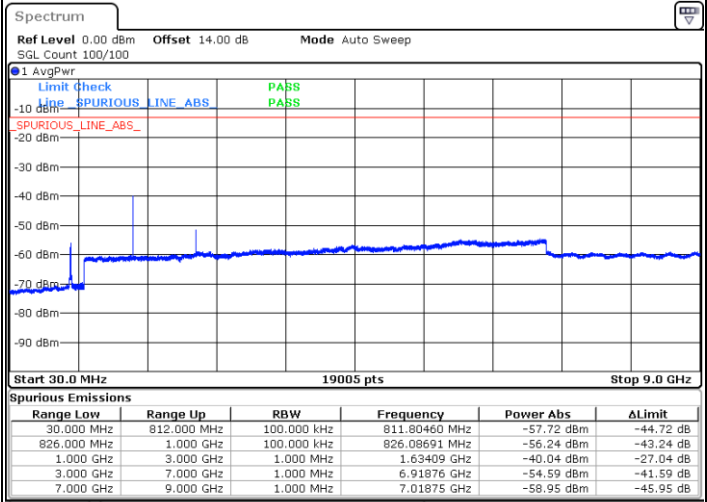
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



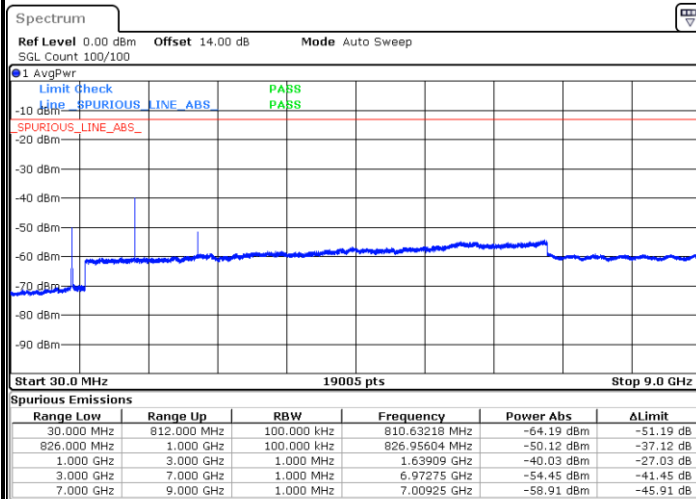
Date: 12.AUG.2021 18:44:15

Middle Channel / 64QAM

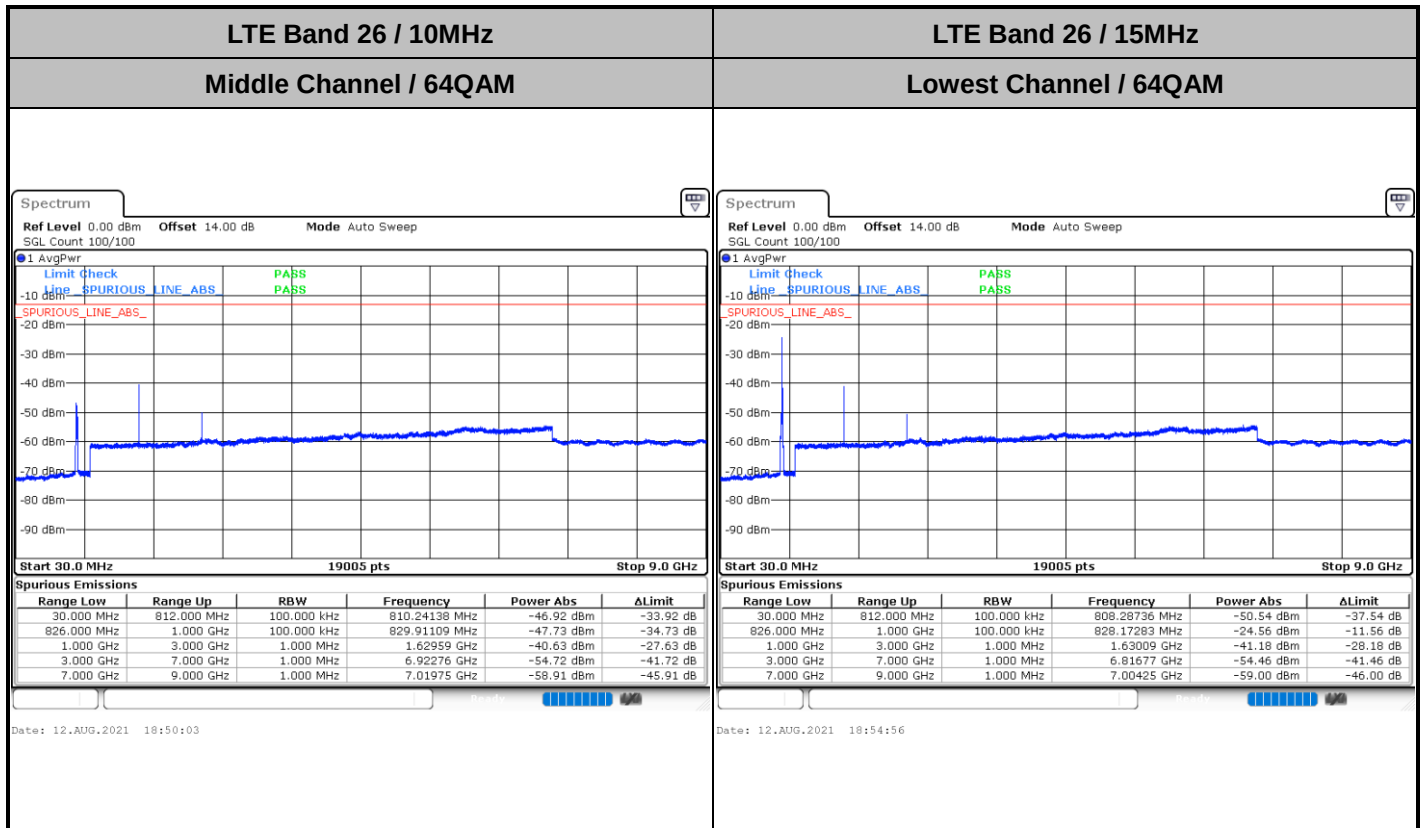


Date: 12.AUG.2021 18:46:11

Highest Channel / 64QAM



Date: 12.AUG.2021 18:48:06



**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0042	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0176	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0143	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Ant.1:

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1633.5	-64.44	-13	-51.44	-70.61	-67.69	4.00	9.40	H
	2450.25	-52.24	-13	-39.24	-62.54	-55.81	4.88	10.60	H
	3267	-63.24	-13	-50.24	-75.70	-68.17	5.52	12.60	H
	1633.5	-64.96	-13	-51.96	-71.13	-68.21	4.00	9.40	V
	2450.25	-57.73	-13	-44.73	-68.41	-61.30	4.88	10.60	V
	3267	-63.10	-13	-50.10	-76.06	-68.03	5.52	12.60	V

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

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-65.31	-13	-52.31	-71.45	-68.56	4.00	9.40	H
	2443.5	-52.22	-13	-39.22	-62.54	-55.79	4.88	10.60	H
	3258	-63.66	-13	-50.66	-76.19	-68.59	5.52	12.60	H
	1629	-64.89	-13	-51.89	-71.07	-68.14	4.00	9.40	V
	2443.5	-59.26	-13	-46.26	-69.96	-62.83	4.88	10.60	V
	3258	-62.95	-13	-49.95	-76.00	-67.88	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629.5	-65.46	-13	-52.46	-71.60	-68.71	4.00	9.40	H
	2444.25	-57.17	-13	-44.17	-67.49	-60.74	4.88	10.60	H
	3259	-63.49	-13	-50.49	-76.02	-68.42	5.52	12.60	H
	1629.5	-60.90	-13	-47.90	-67.07	-64.15	4.00	9.40	V
	2444.25	-56.56	-13	-43.56	-67.26	-60.13	4.88	10.60	V
	3259	-63.10	-13	-50.10	-76.14	-68.03	5.52	12.60	V

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



Ant.2:

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1633.5	-64.17	-13	-51.17	-70.34	-67.42	4.00	9.40	H
	2450.25	-63.23	-13	-50.23	-73.53	-66.80	4.88	10.60	H
	3267	-62.97	-13	-49.97	-75.43	-67.90	5.52	12.60	H
	1633.5	-63.94	-13	-50.94	-70.11	-67.19	4.00	9.40	V
	2450.25	-63.25	-13	-50.25	-73.93	-66.82	4.88	10.60	V
	3267	-62.44	-13	-49.44	-75.40	-67.37	5.52	12.60	V

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

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-65.57	-13	-52.57	-71.71	-68.82	4.00	9.40	H
	2443.5	-63.40	-13	-50.40	-73.72	-66.97	4.88	10.60	H
	3258	-62.89	-13	-49.89	-75.42	-67.82	5.52	12.60	H
	1629	-63.94	-13	-50.94	-70.12	-67.19	4.00	9.40	V
	2443.5	-63.14	-13	-50.14	-73.84	-66.71	4.88	10.60	V
	3258	-62.58	-13	-49.58	-75.63	-67.51	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629.5	-65.25	-13	-52.25	-71.39	-68.50	4.00	9.40	H
	2444.25	-62.94	-13	-49.94	-73.26	-66.51	4.88	10.60	H
	3259	-63.15	-13	-50.15	-75.68	-68.08	5.52	12.60	H
	1629.5	-64.26	-13	-51.26	-70.43	-67.51	4.00	9.40	V
	2444.25	-63.27	-13	-50.27	-73.97	-66.84	4.88	10.60	V
	3259	-62.60	-13	-49.60	-75.64	-67.53	5.52	12.60	V

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