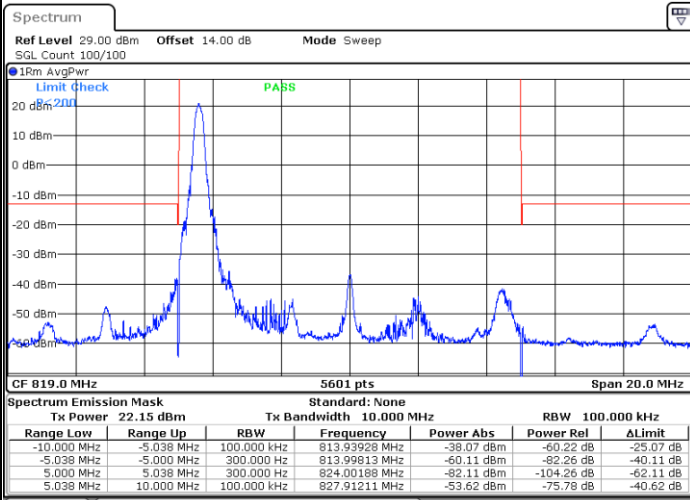




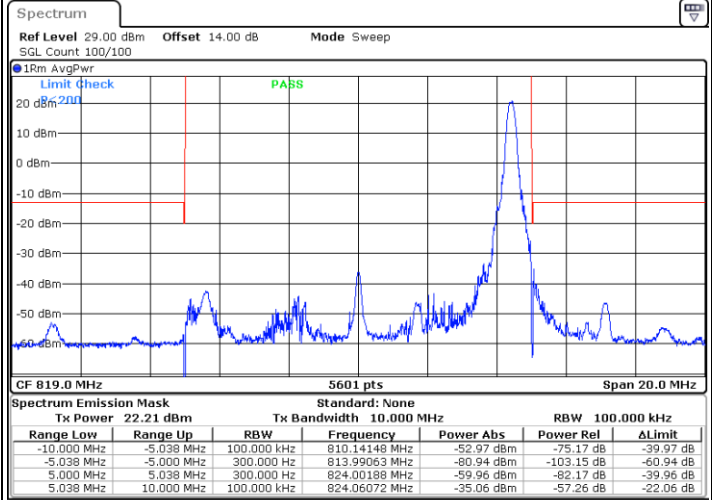
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

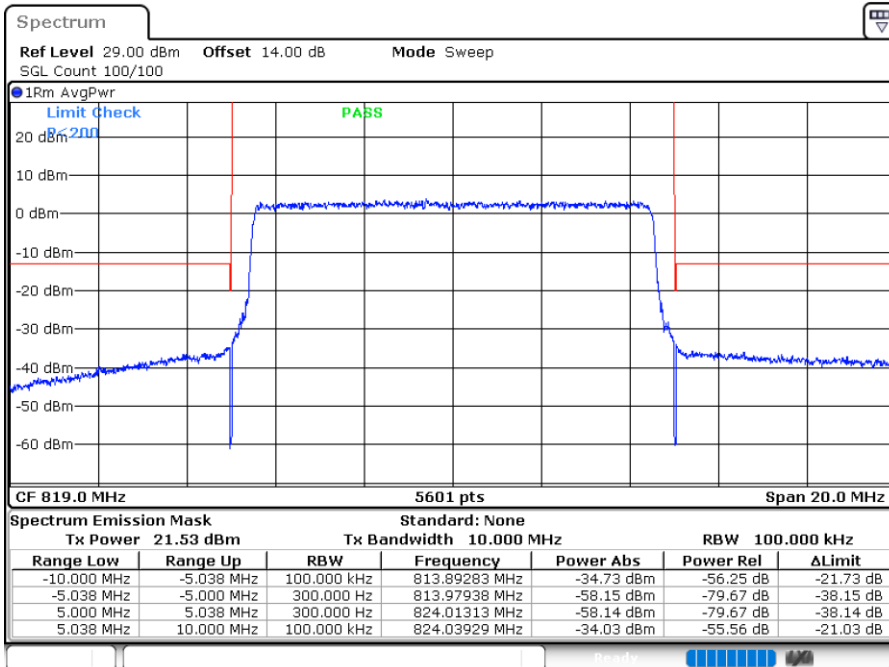


Date: 10.MAY.2022 16:48:46



Date: 10.MAY.2022 16:51:43

Band Edge / Full RB



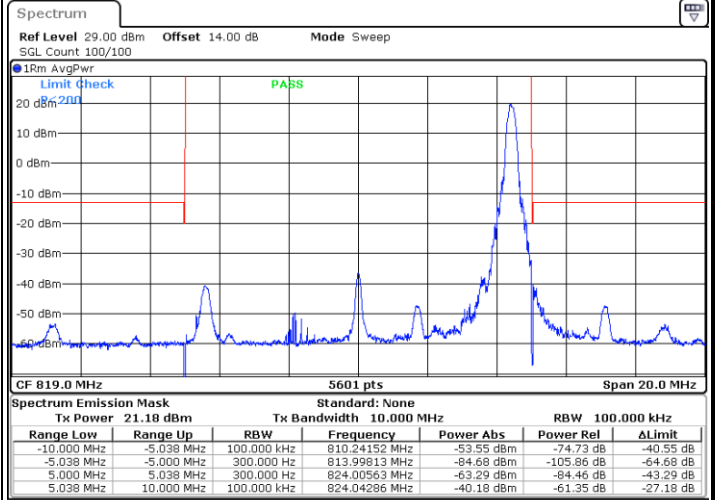
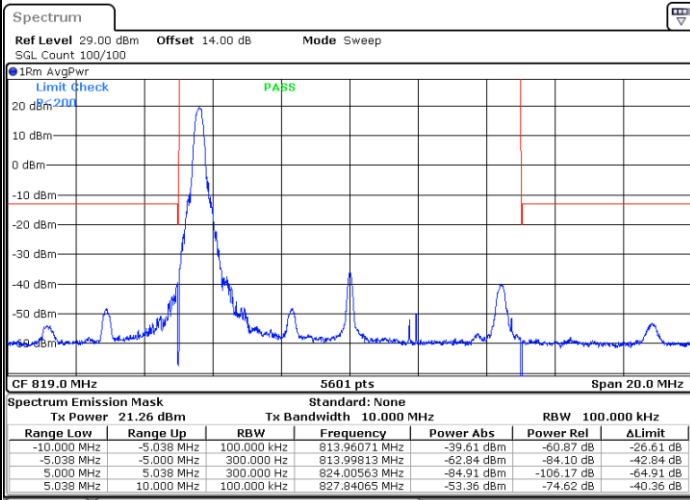
Date: 10.MAY.2022 16:57:14



LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

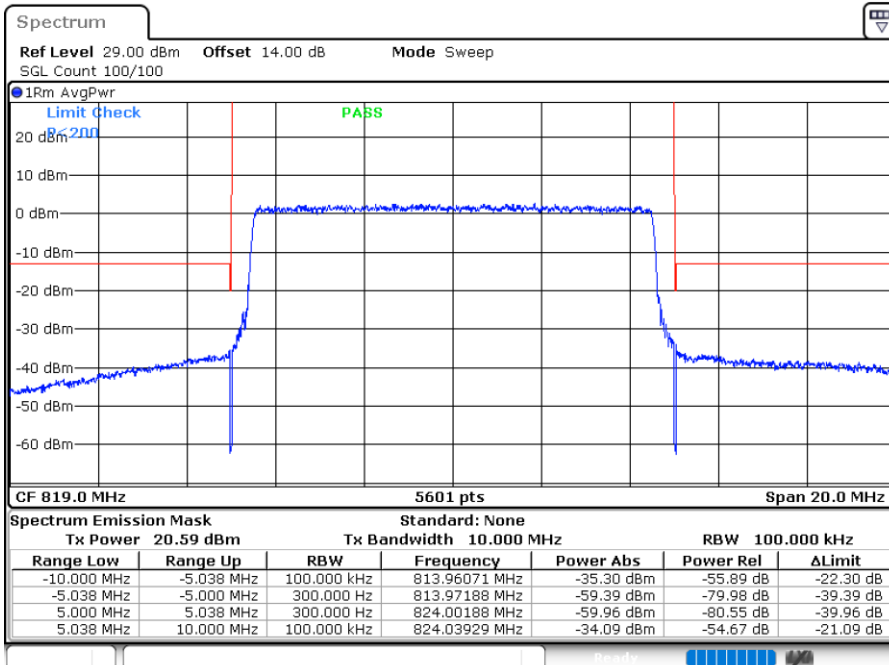
Highest Band Edge / 1 RB



Date: 10.MAY.2022 16:58:43

Date: 10.MAY.2022 17:00:11

Band Edge / Full RB

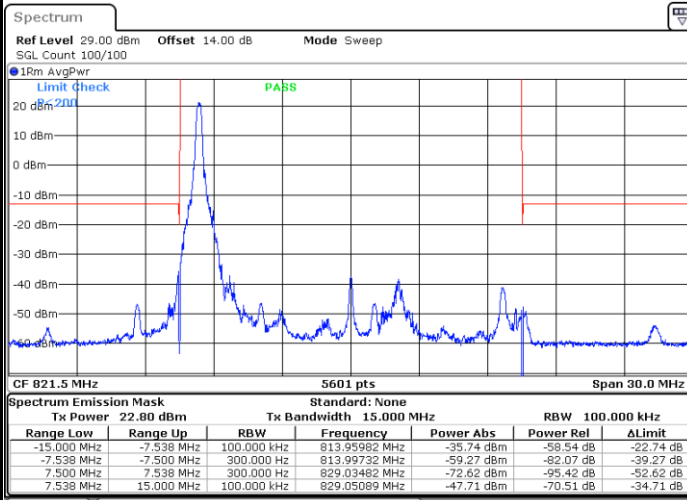


Date: 10.MAY.2022 17:01:40



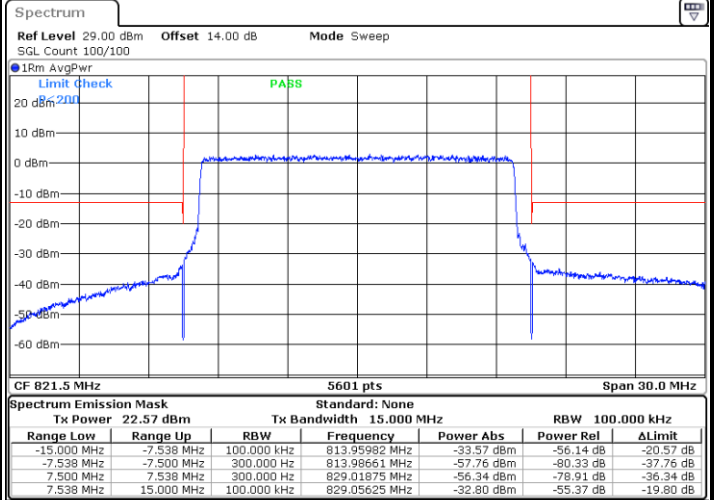
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 10.MAY.2022 17:03:10

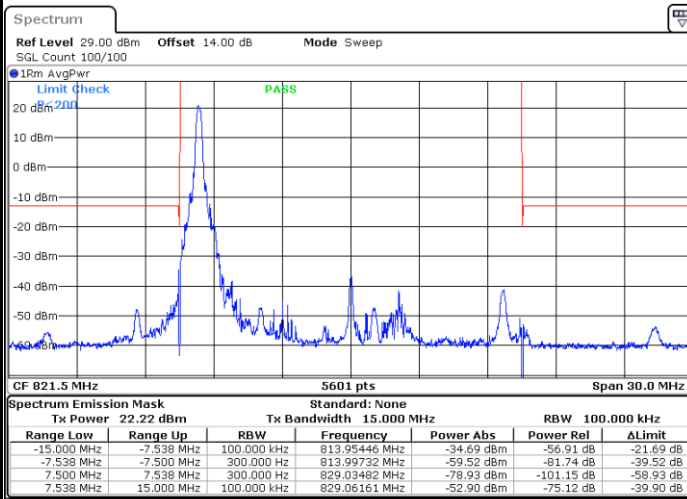
Lowest Band Edge / Full RB



Date: 10.MAY.2022 17:09:05

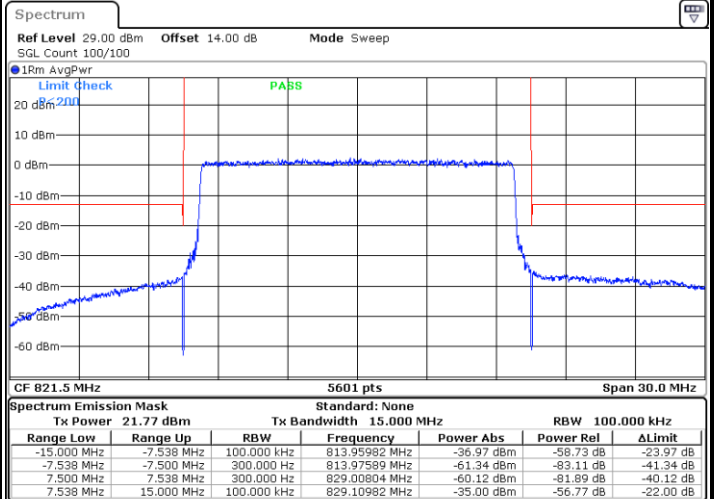
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

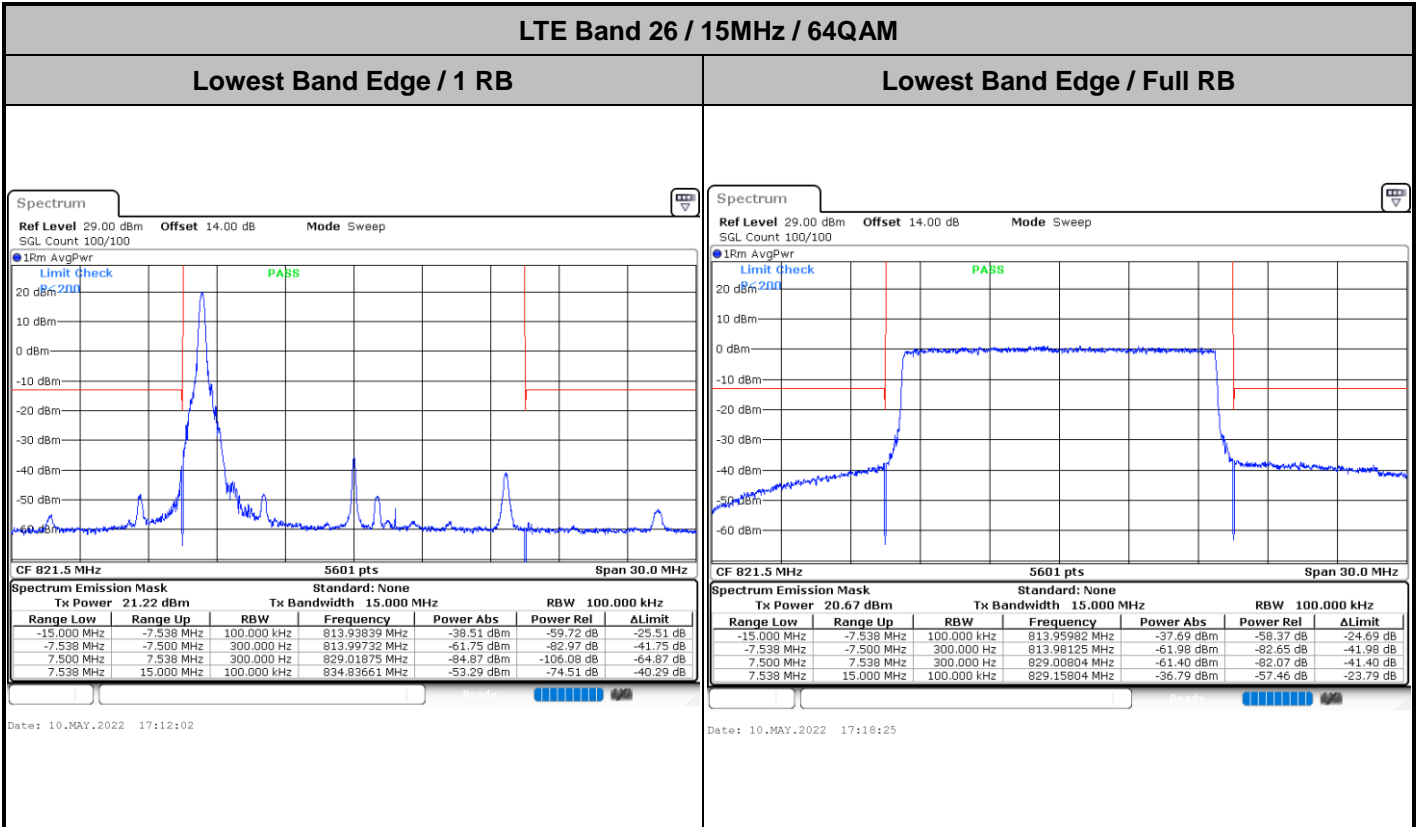


Date: 10.MAY.2022 17:04:39

Lowest Band Edge / Full RB

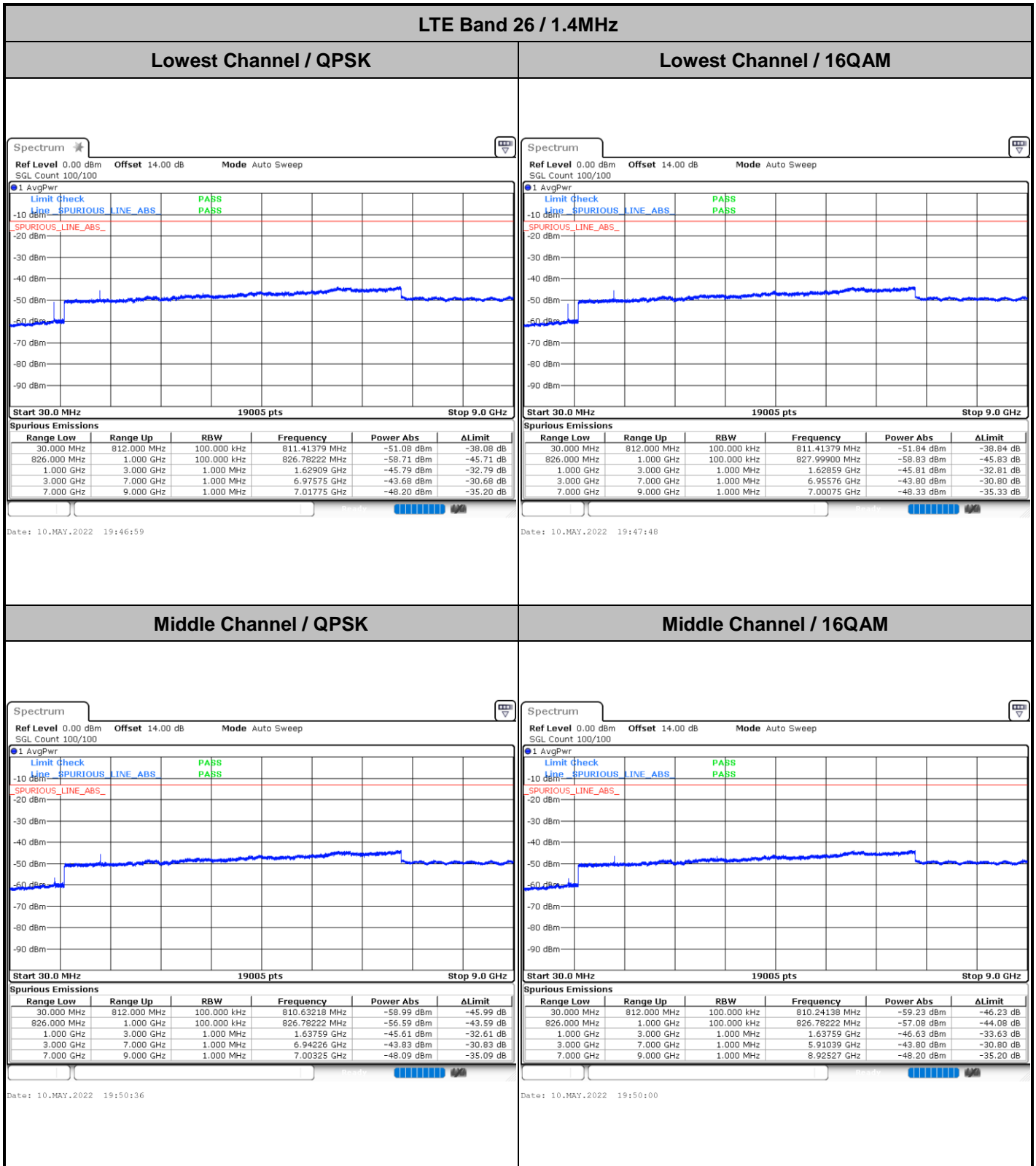


Date: 10.MAY.2022 17:10:33





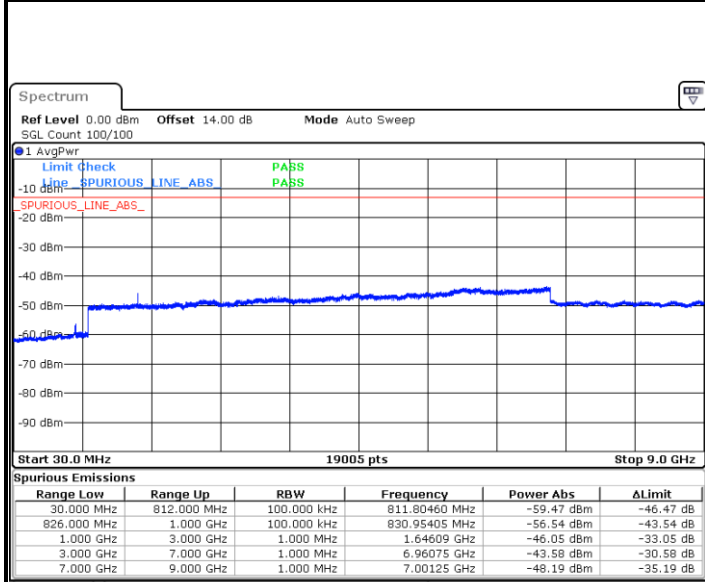
# Conducted Spurious Emission





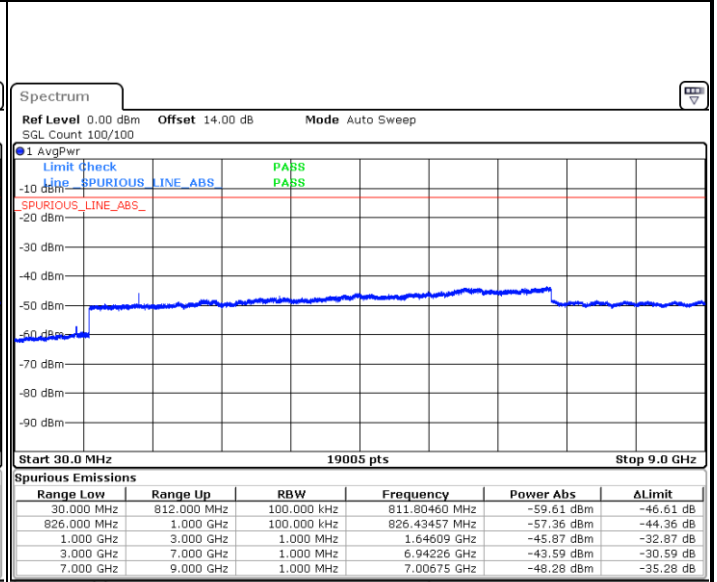
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 10.MAY.2022 19:51:30

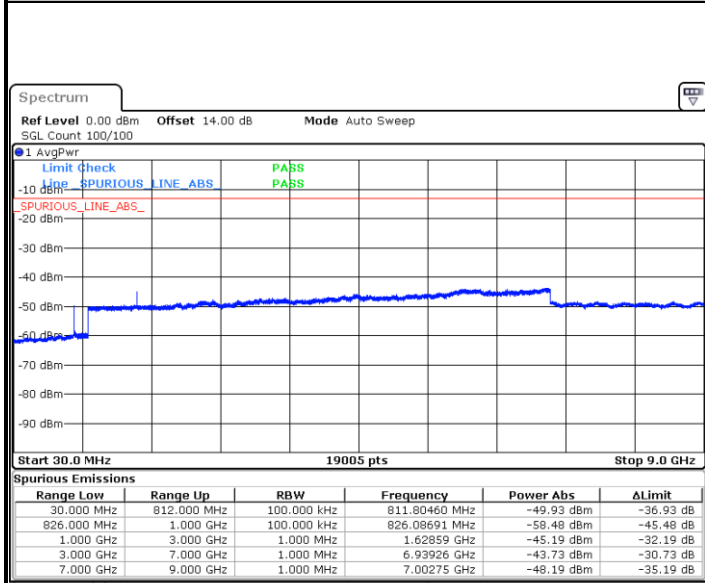
Highest Channel / 16QAM



Date: 10.MAY.2022 19:52:08

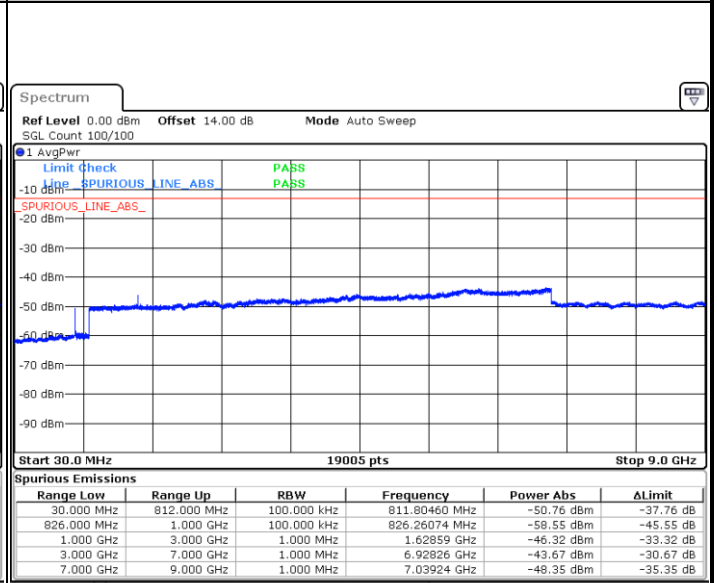
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 10.MAY.2022 19:56:02

Lowest Channel / 16QAM



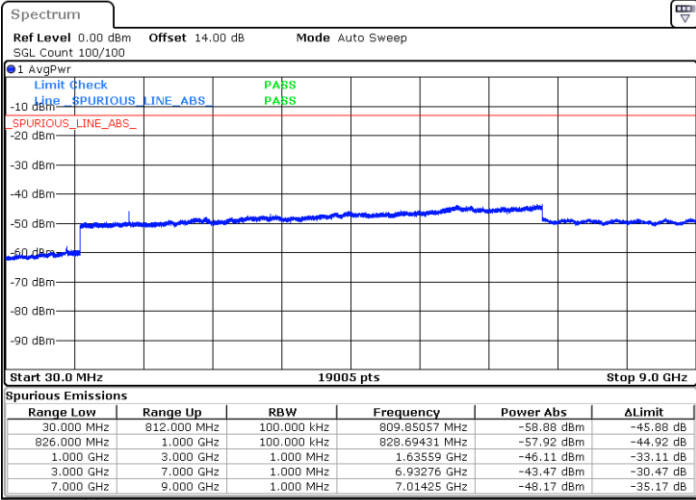
Date: 10.MAY.2022 19:55:23



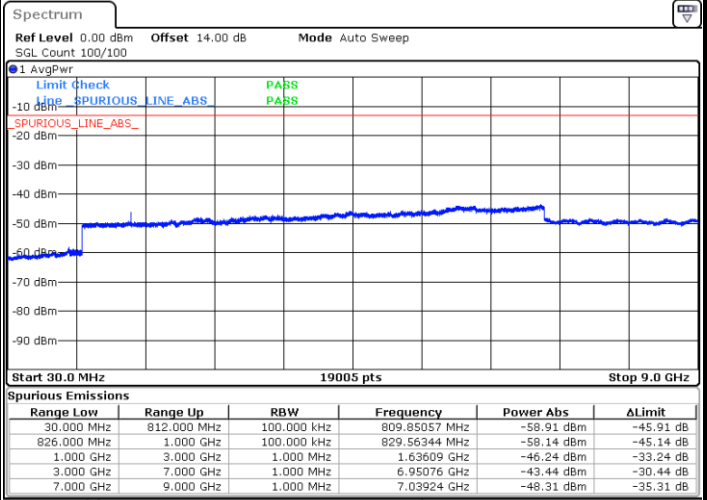
LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



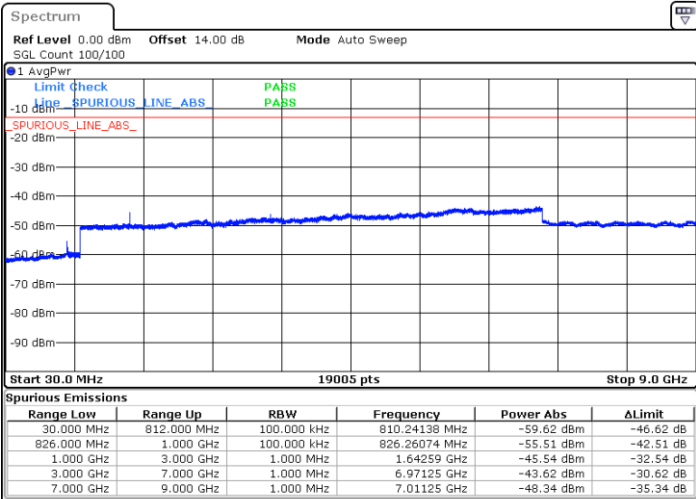
Date: 10.MAY.2022 19:57:03



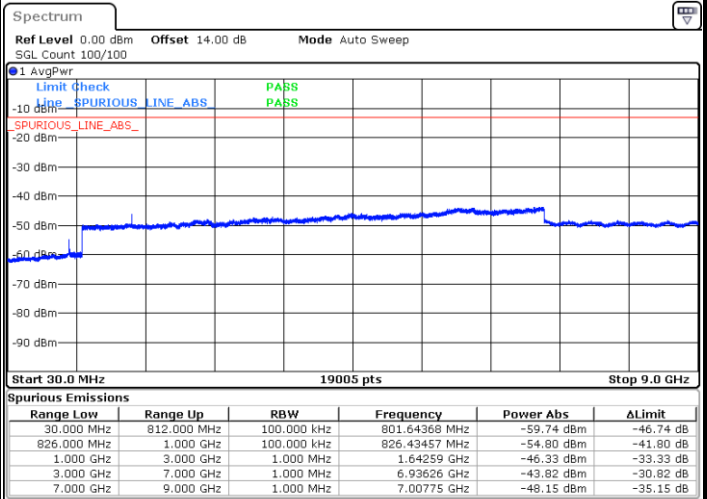
Date: 10.MAY.2022 19:57:39

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.MAY.2022 20:00:49



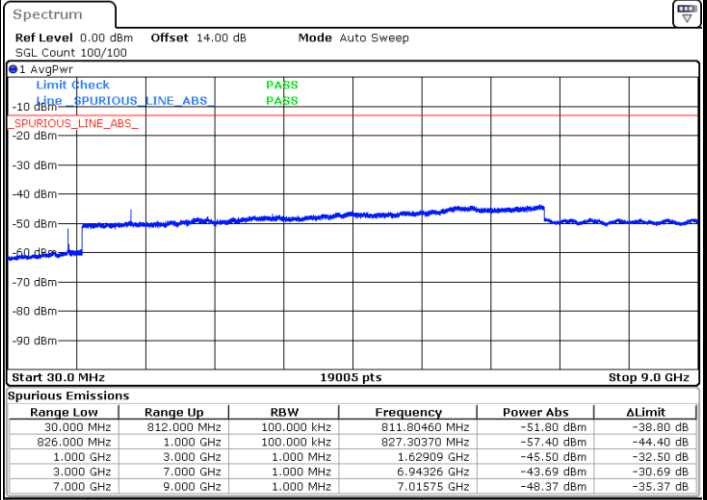
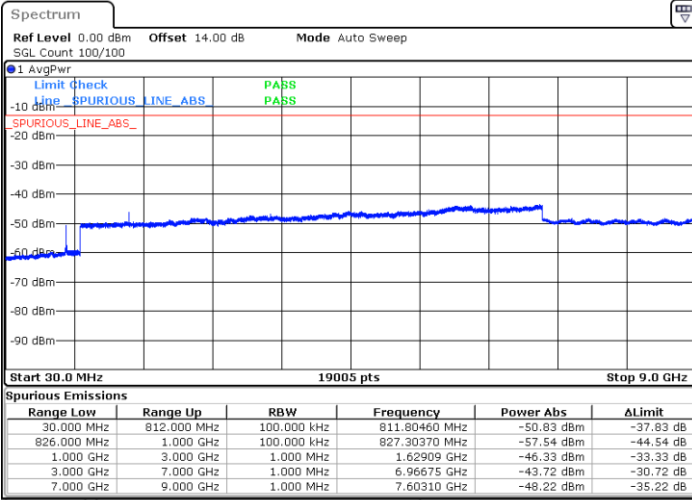
Date: 10.MAY.2022 19:59:38



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

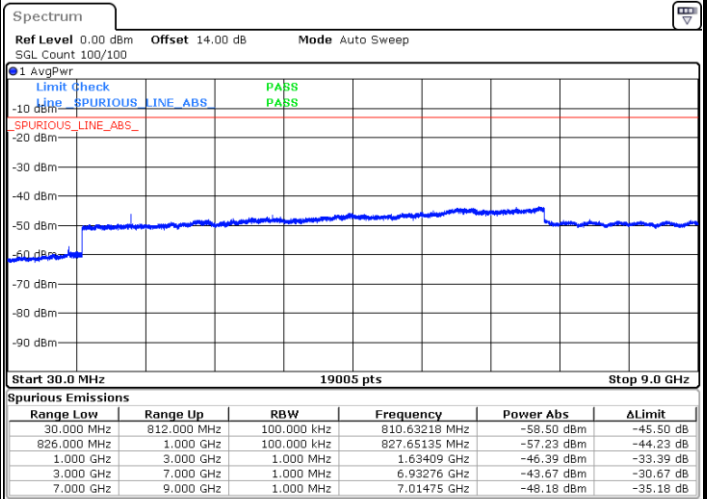
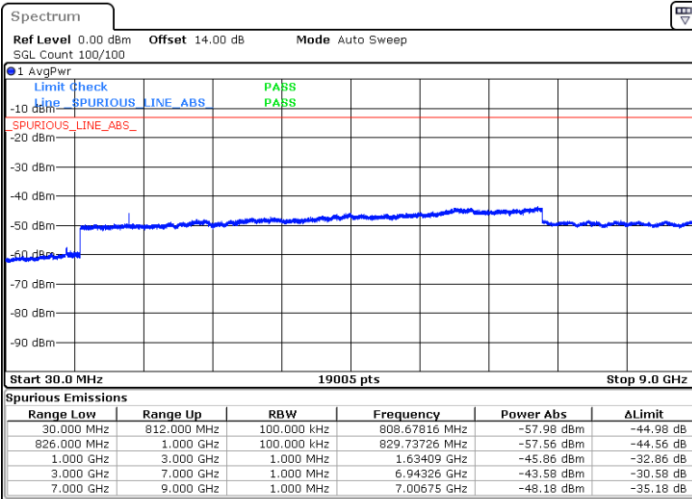


Date: 10.MAY.2022 20:02:13

Date: 10.MAY.2022 20:02:49

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.MAY.2022 20:05:30

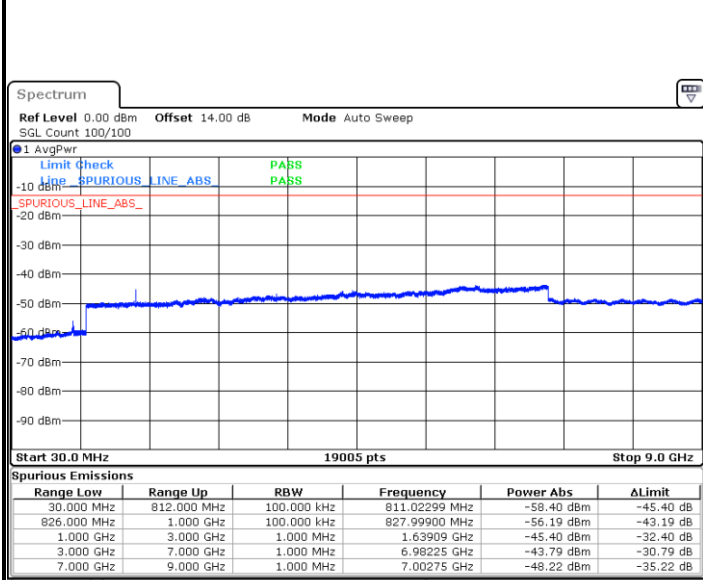
Date: 10.MAY.2022 20:04:52





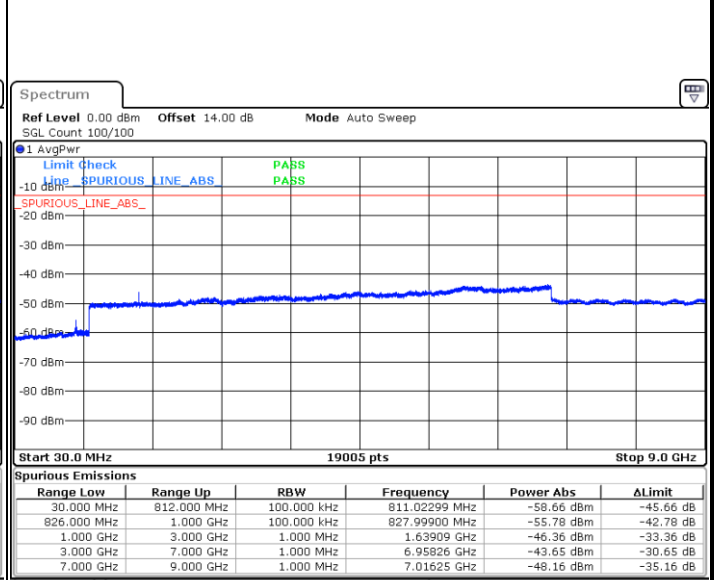
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 10.MAY.2022 20:06:24

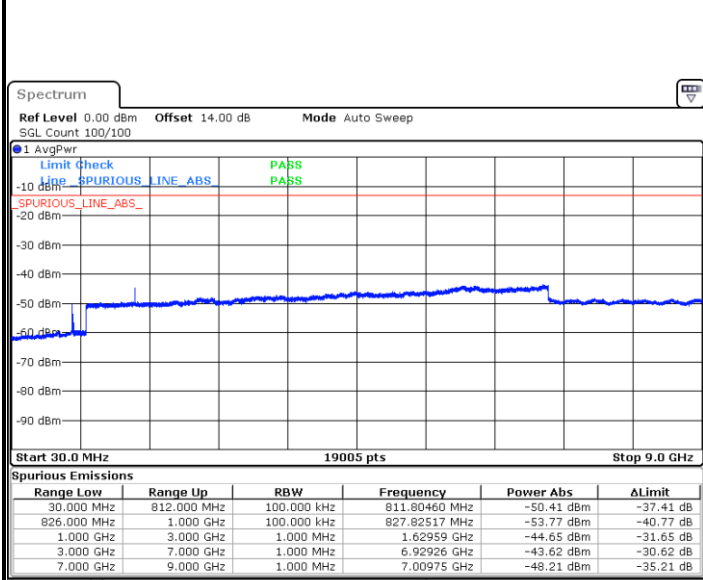
Highest Channel / 16QAM



Date: 10.MAY.2022 20:06:59

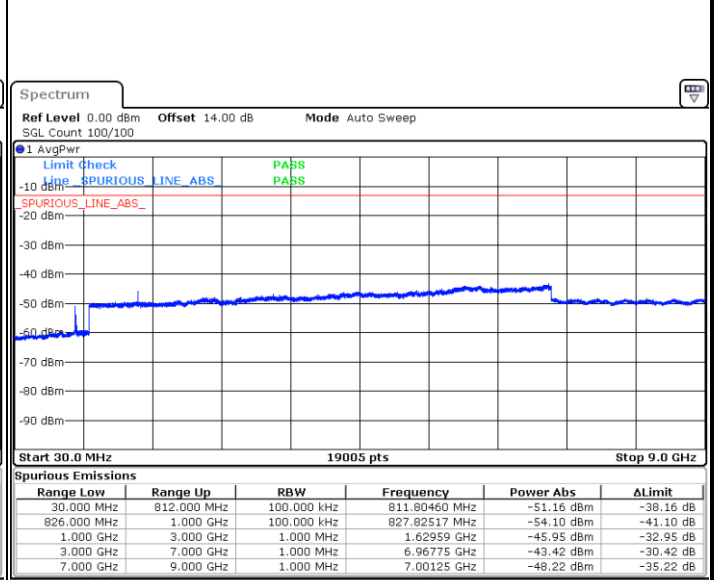
LTE Band 26 / 10MHz

Middle Channel / QPSK

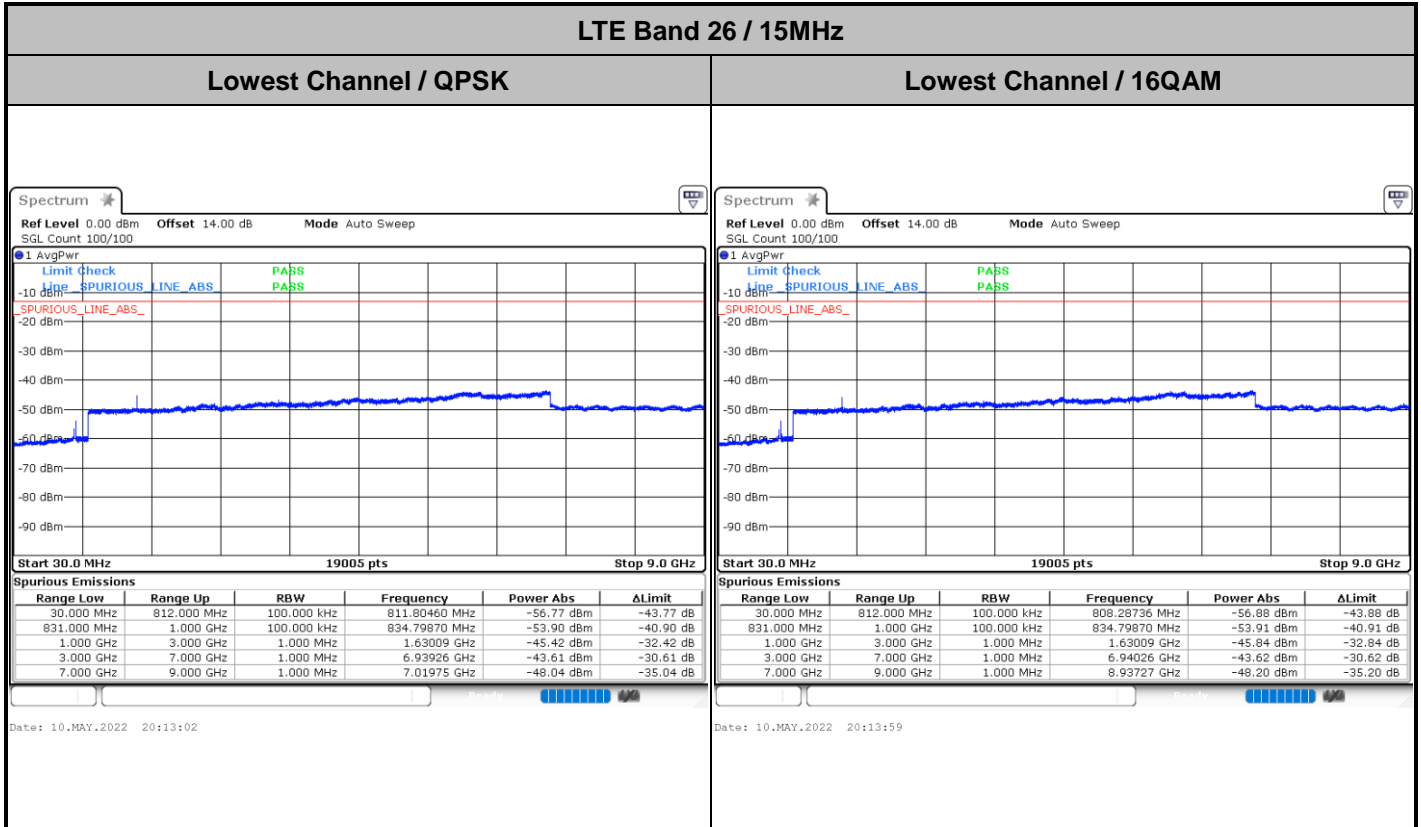


Date: 10.MAY.2022 20:10:07

Middle Channel / 16QAM



Date: 10.MAY.2022 20:09:31

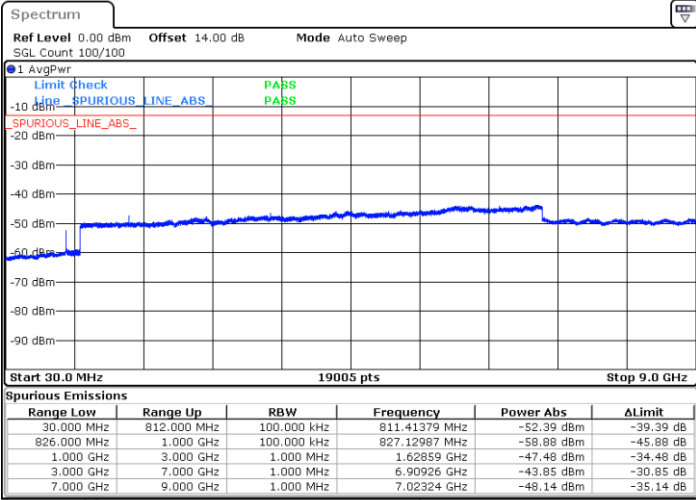




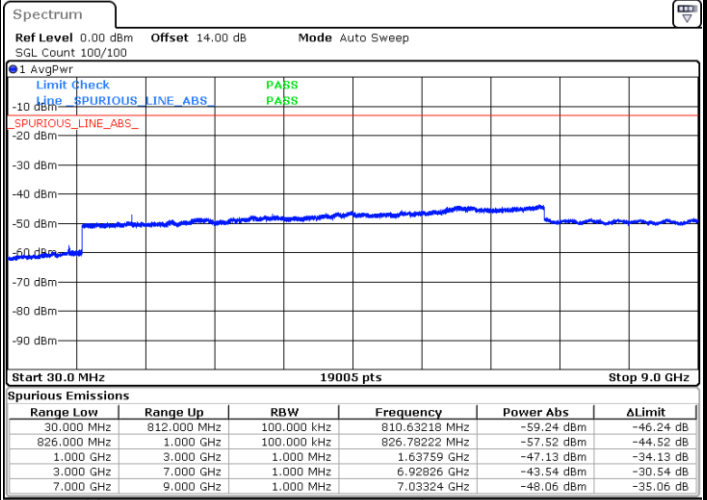
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

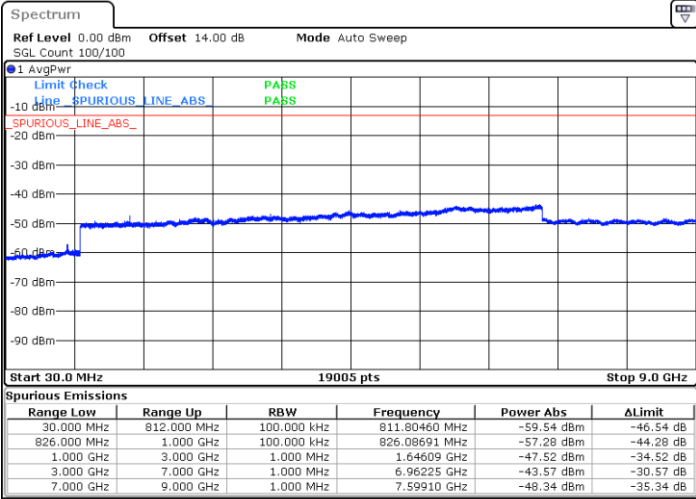


Date: 10.MAY.2022 19:48:25



Date: 10.MAY.2022 19:49:16

Highest Channel / 64QAM



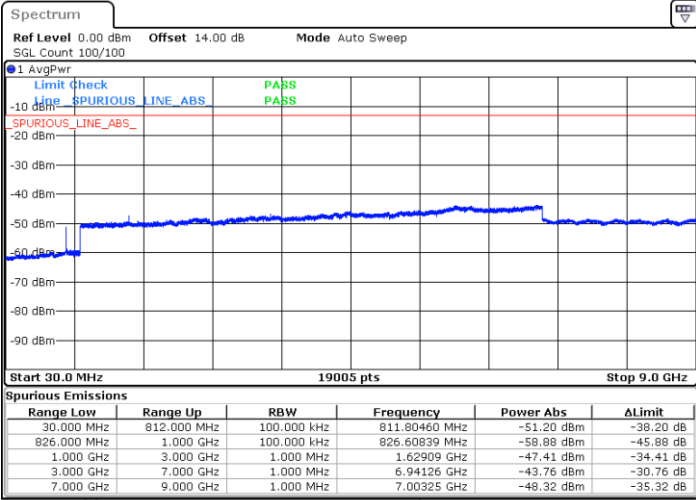
Date: 10.MAY.2022 19:52:49



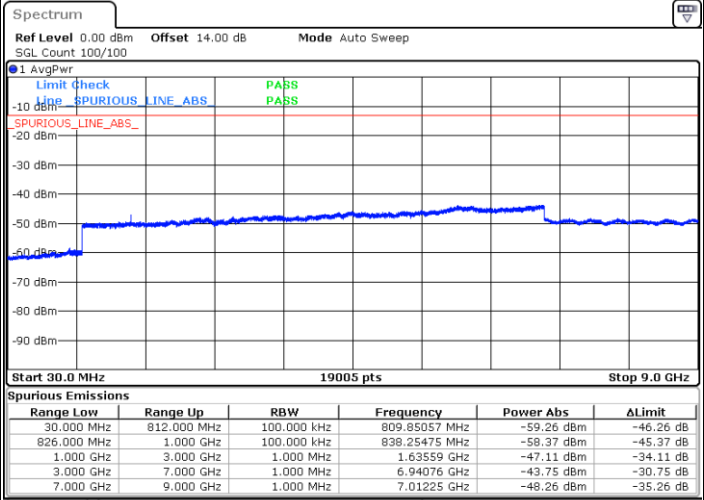
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

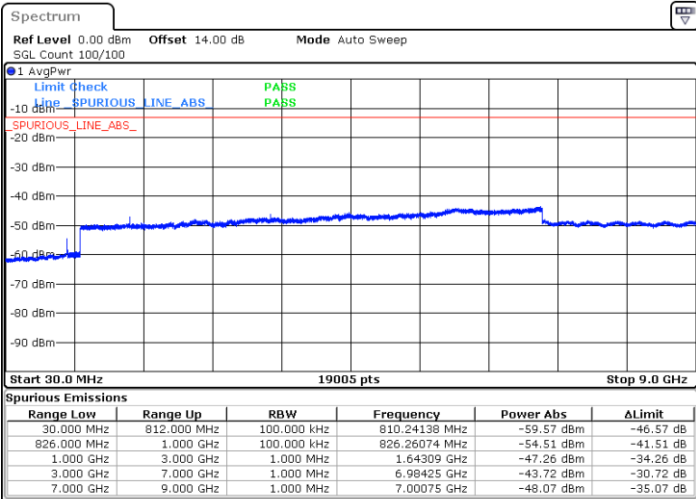


Date: 10.MAY.2022 19:54:42



Date: 10.MAY.2022 19:58:18

Highest Channel / 64QAM



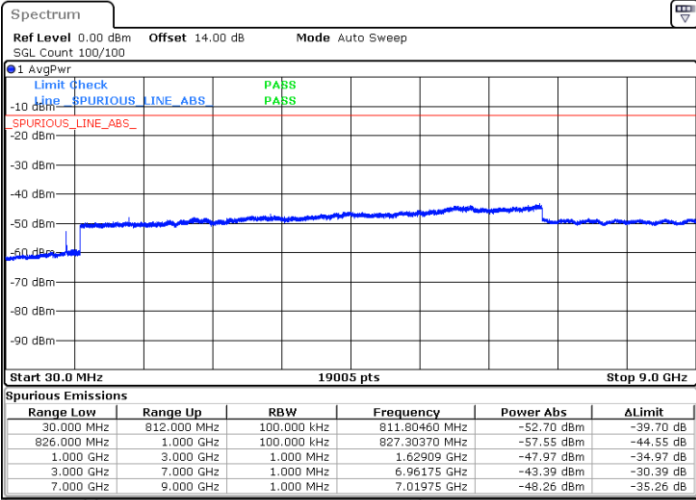
Date: 10.MAY.2022 19:58:59



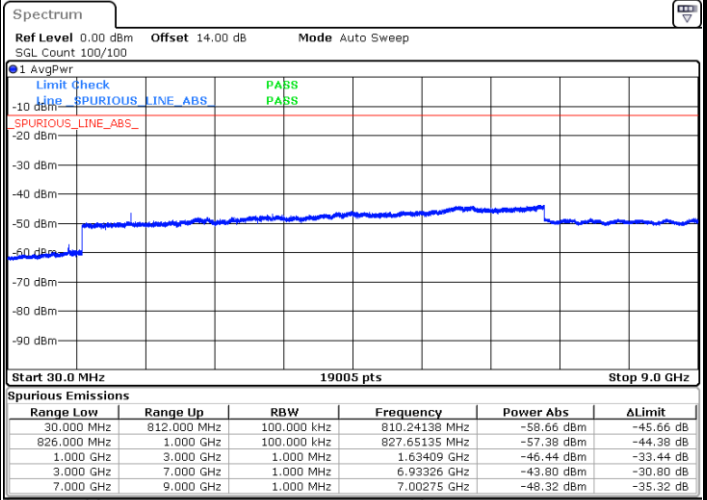
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

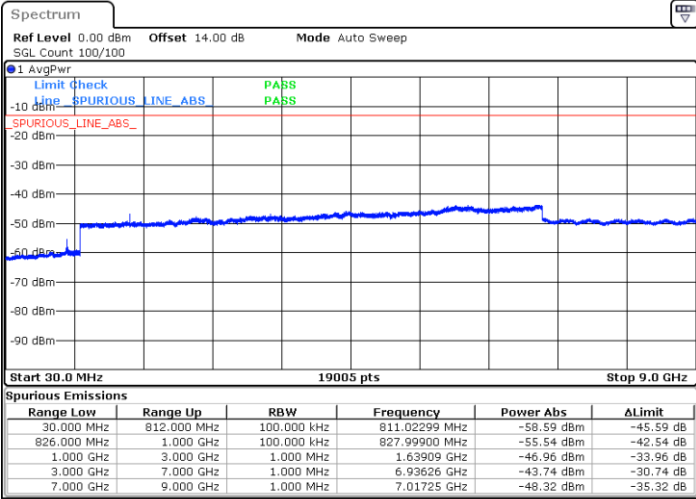


Date: 10.MAY.2022 20:03:28



Date: 10.MAY.2022 20:04:14

Highest Channel / 64QAM



Date: 10.MAY.2022 20:07:38





**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	0.0010	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

**Note:** Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.6 V.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Shun ping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

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)
Lowest	1628.5	-58.72	-13	-45.72	-68.09	-61.95	3.98	9.36	H
	2442.75	-55.51	-13	-42.51	-69.68	-59.06	4.85	10.55	H
	3257	-56.69	-13	-43.69	-73.68	-61.62	5.50	12.58	H
	4072	-56.47	-13	-43.47	-74.58	-60.94	5.98	12.60	H
	1628.5	-58.72	-13	-45.72	-67.99	-61.95	3.98	9.36	V
	2442.75	-59.35	-13	-46.35	-73.50	-62.90	4.85	10.55	V
	3257	-57.41	-13	-44.41	-74.26	-62.34	5.50	12.58	V
	4072	-58.11	-13	-45.11	-76.23	-62.58	5.98	12.60	V
Middle	1633.5	-58.55	-13	-45.55	-67.92	-61.80	4.00	9.40	H
	2450.25	-59.46	-13	-46.46	-73.63	-63.03	4.88	10.60	H
	3267	-57.65	-13	-44.65	-74.64	-62.58	5.52	12.60	H
	4072.5	-58.59	-13	-45.59	-76.70	-63.06	6.00	12.62	H
	1633.5	-58.57	-13	-45.57	-67.84	-61.82	4.00	9.40	V
	2450.25	-52.93	-13	-39.93	-67.08	-56.50	4.88	10.60	V
	3267	-57.66	-13	-44.66	-74.51	-62.59	5.52	12.60	V
	4072.5	-59.02	-13	-46.02	-77.14	-63.49	6.00	12.62	V
Highest	1642.3	-60.05	-13	-47.05	-69.44	-63.22	4.10	9.42	H
	2463.45	-60.05	-13	-47.05	-74.17	-63.63	4.90	10.63	H
	3284.6	-58.91	-13	-45.91	-75.58	-63.83	5.55	12.62	H
	4096	-59.86	-13	-46.86	-77.94	-64.34	6.02	12.65	H
	1642.3	-62.20	-13	-49.20	-71.33	-65.37	4.10	9.42	V
	2463.45	-61.90	-13	-48.90	-75.99	-65.48	4.90	10.63	V
	3284.6	-60.09	-13	-47.09	-76.59	-65.01	5.55	12.62	V
	4096	-59.76	-13	-46.76	-77.86	-64.24	6.02	12.65	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	-59.27	-13	-46.27	-68.64	-62.52	4.00	9.40	H
	2443.5	-59.02	-13	-46.02	-73.19	-62.59	4.88	10.60	H
	3258	-57.32	-13	-44.32	-74.31	-62.25	5.52	12.60	H
	4072.5	-57.59	-13	-44.59	-75.70	-62.06	6.00	12.62	H
	1629	-59.33	-13	-46.33	-68.60	-62.58	4.00	9.40	V
	2443.5	-55.67	-13	-42.67	-69.82	-59.24	4.88	10.60	V
	3258	-57.73	-13	-44.73	-74.58	-62.66	5.52	12.60	V
	4072.5	-58.10	-13	-45.10	-76.22	-62.57	6.00	12.62	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	-57.84	-13	-44.84	-67.21	-61.07	3.98	9.36	H
	2444.25	-62.98	-13	-49.98	-77.15	-66.53	4.85	10.55	H
	3259	-60.11	-13	-47.11	-77.10	-65.04	5.50	12.58	H
	1629.5	-58.48	-13	-45.48	-67.75	-61.71	3.98	9.36	V
	2444.25	-63.17	-13	-50.17	-77.32	-66.72	4.85	10.55	V
	3259	-59.16	-13	-46.16	-76.01	-64.09	5.50	12.58	V

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