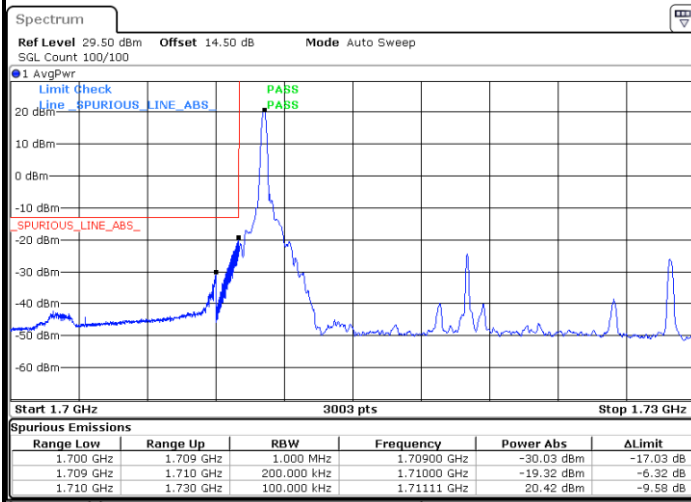


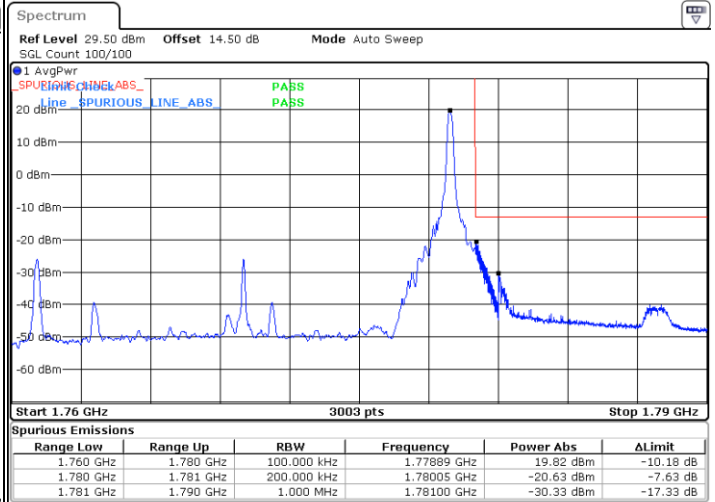


LTE Band 66 / 20MHz / QPSK

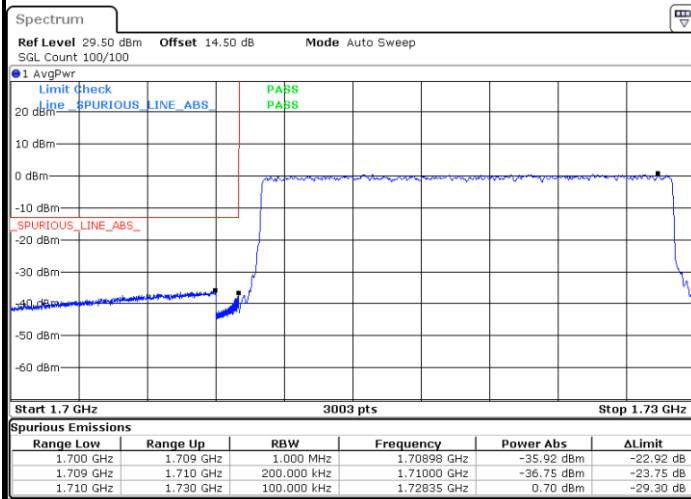
Lowest Band Edge / 1 RB



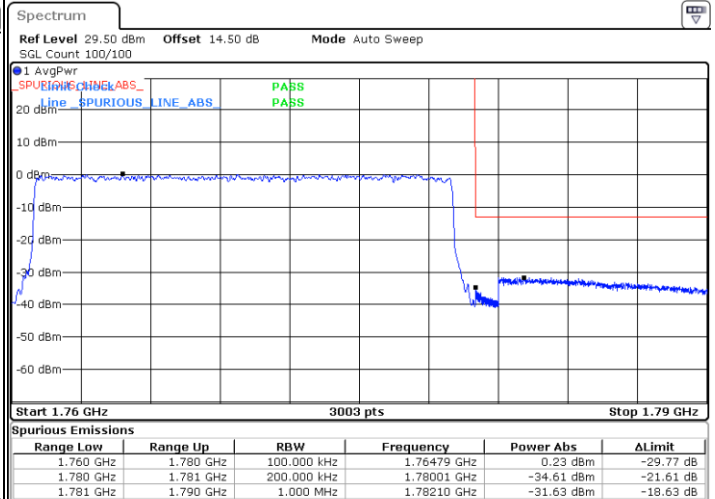
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



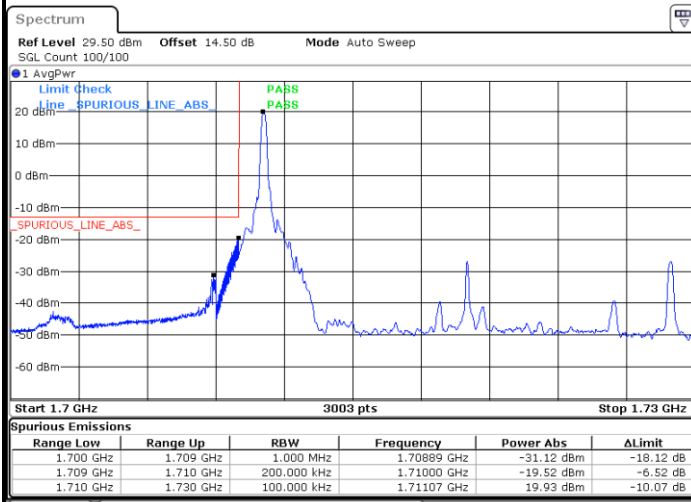
Highest Band Edge / Full RB



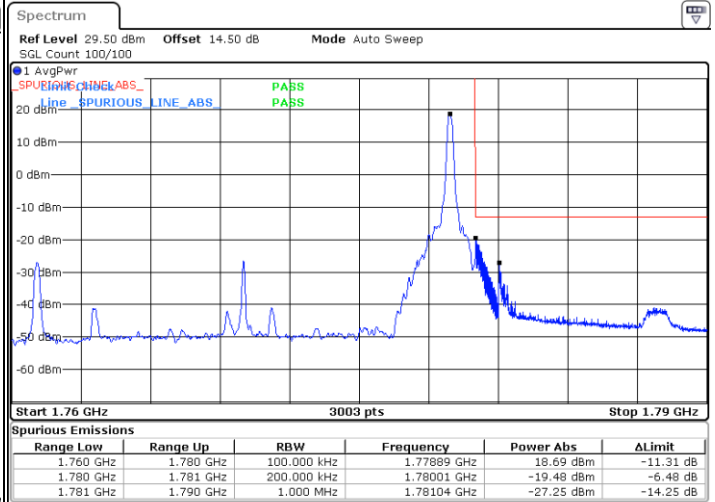


LTE Band 66 / 20MHz / 16QAM

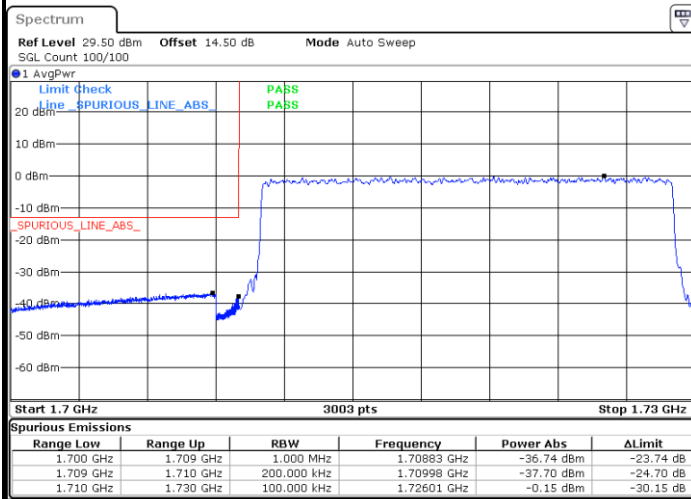
Lowest Band Edge / 1 RB



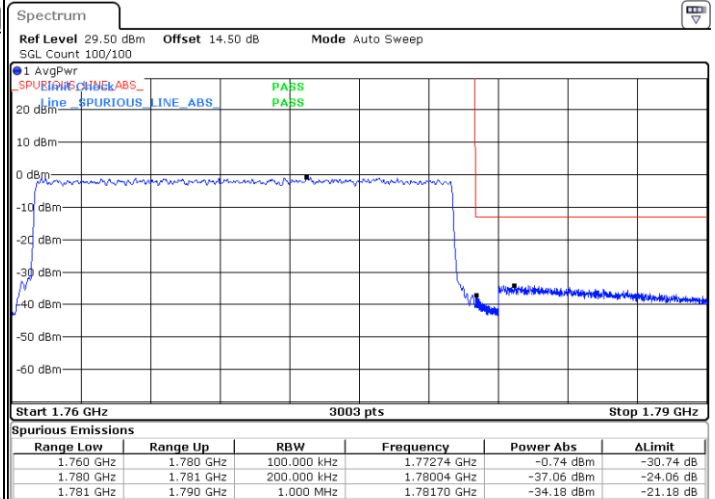
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



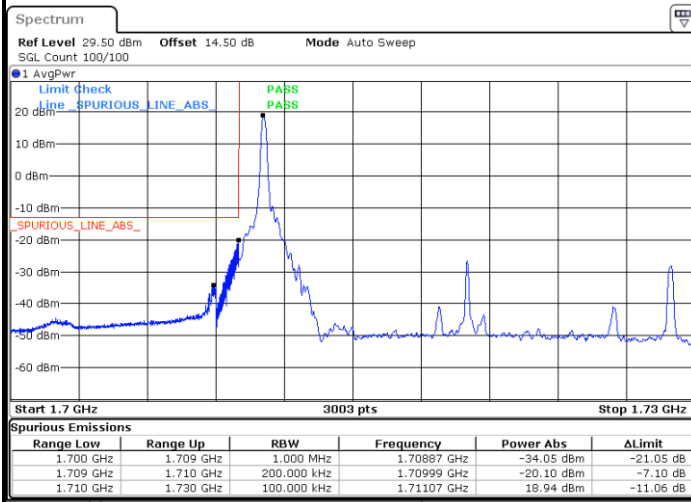
Highest Band Edge / Full RB



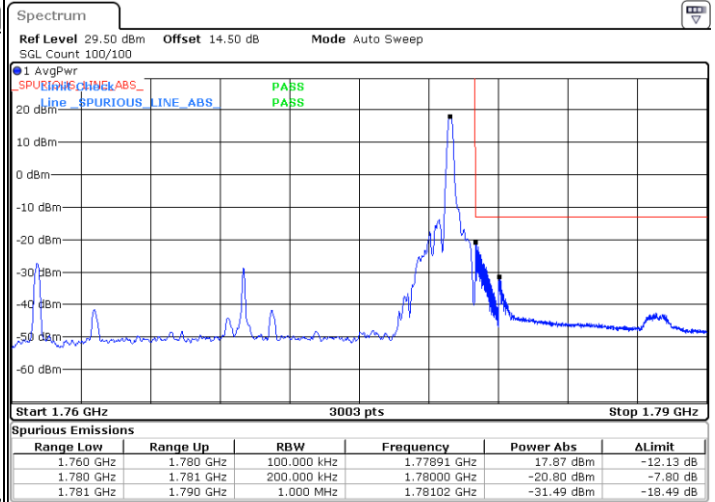


LTE Band 66 / 20MHz / 64QAM

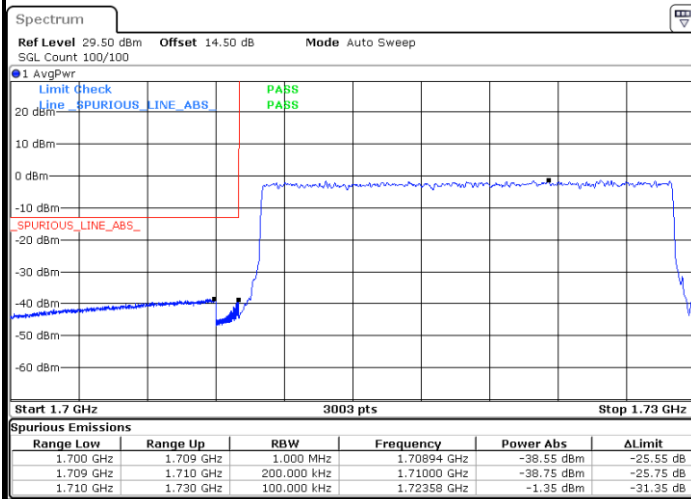
Lowest Band Edge / 1 RB



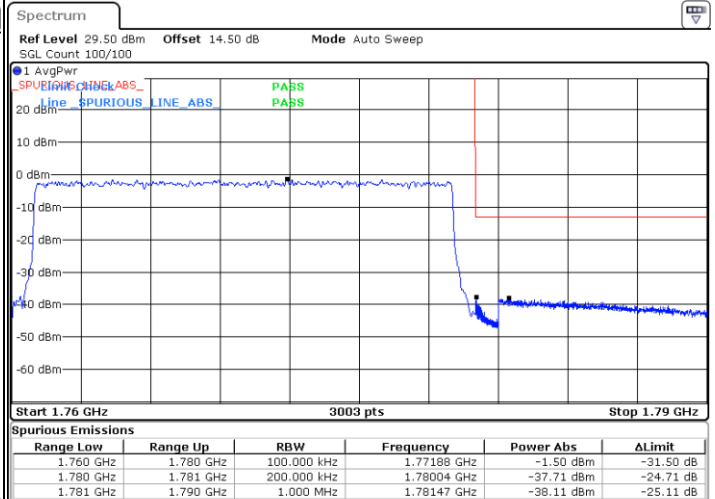
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

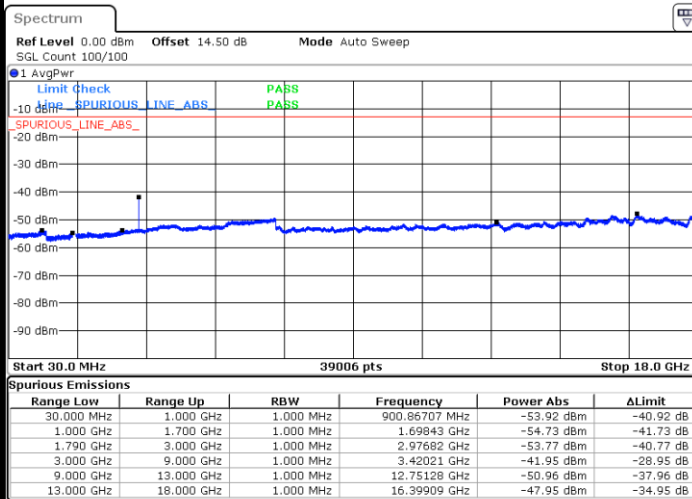




Conducted Spurious Emission

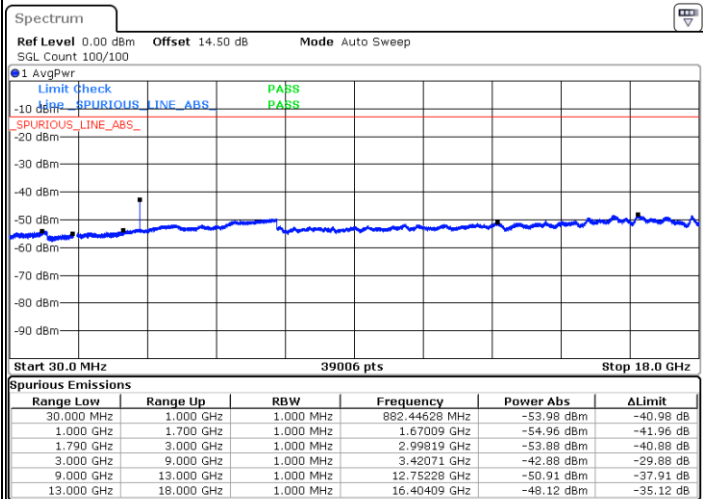
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



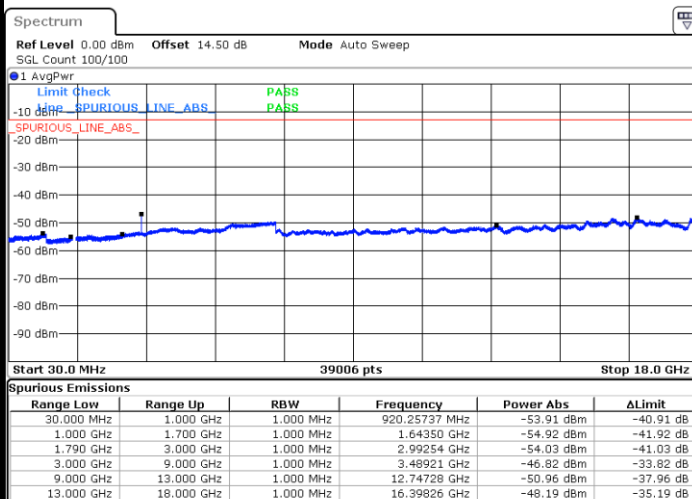
Date: 2 AUG 2021 21:17:05

Lowest Channel / 16QAM



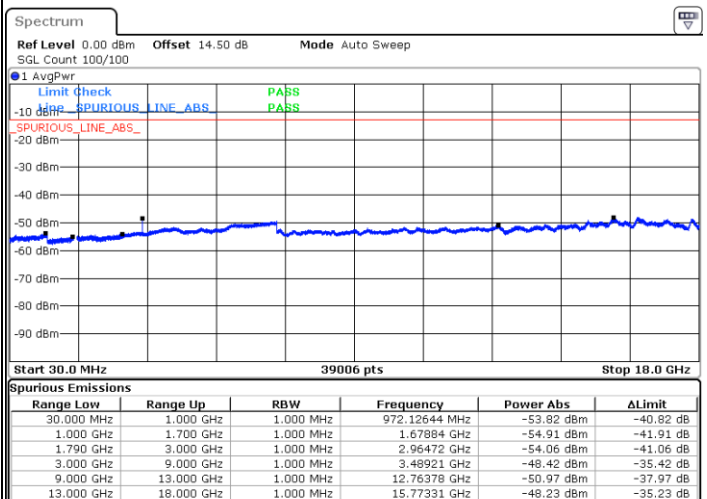
Date: 2 AUG 2021 21:18:15

Middle Channel / QPSK



Date: 2 AUG 2021 21:20:09

Middle Channel / 16QAM

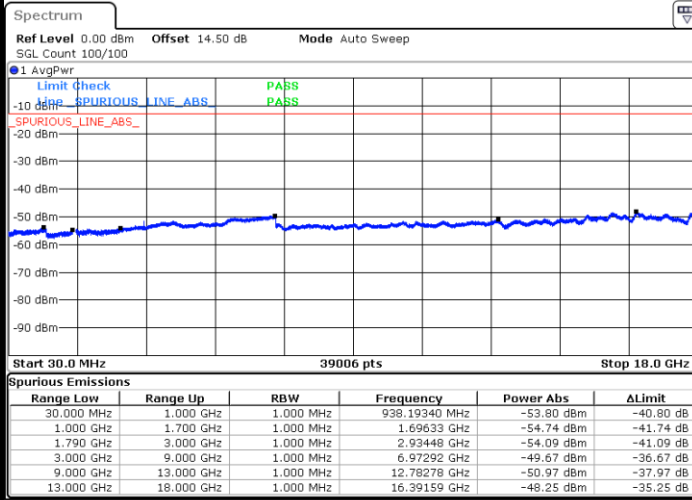


Date: 2 AUG 2021 21:21:19



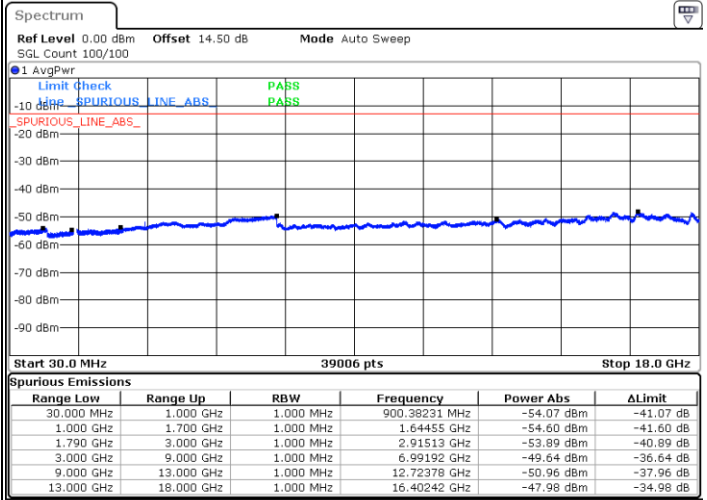
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 2 AUG 2021 21:30:07

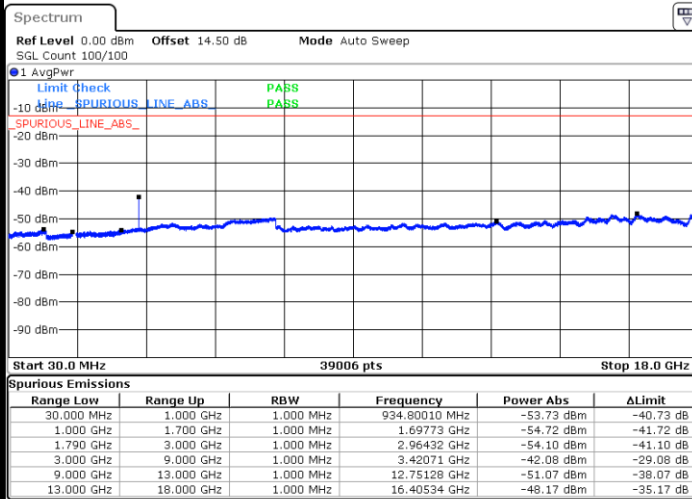
Highest Channel / 16QAM



Date: 2 AUG 2021 21:31:17

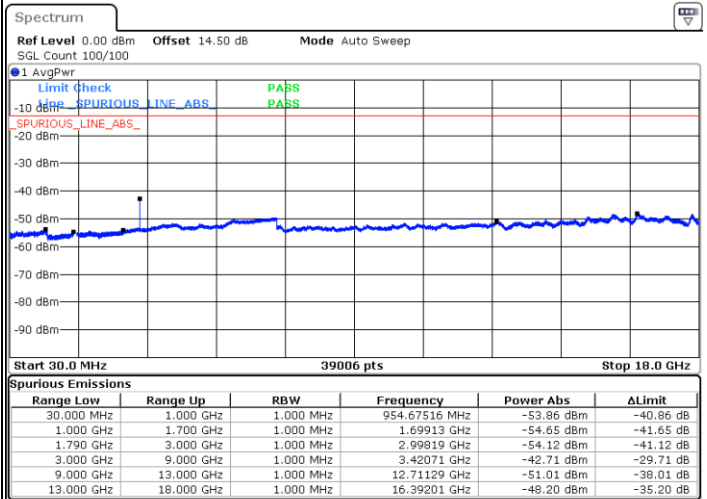
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 2 AUG 2021 21:51:36

Lowest Channel / 16QAM

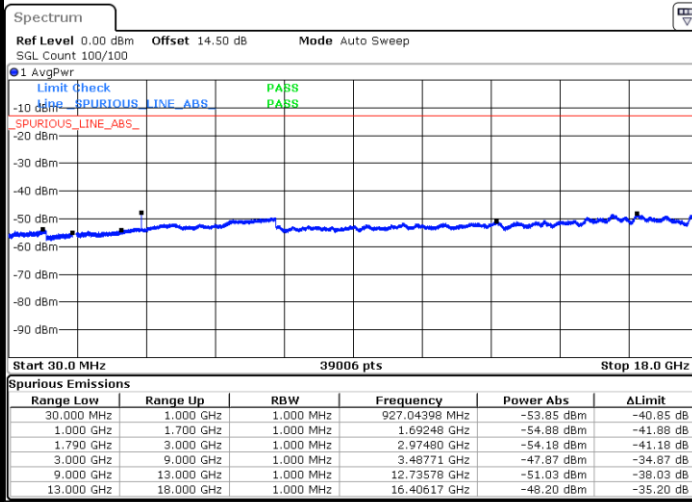


Date: 2 AUG 2021 21:52:46



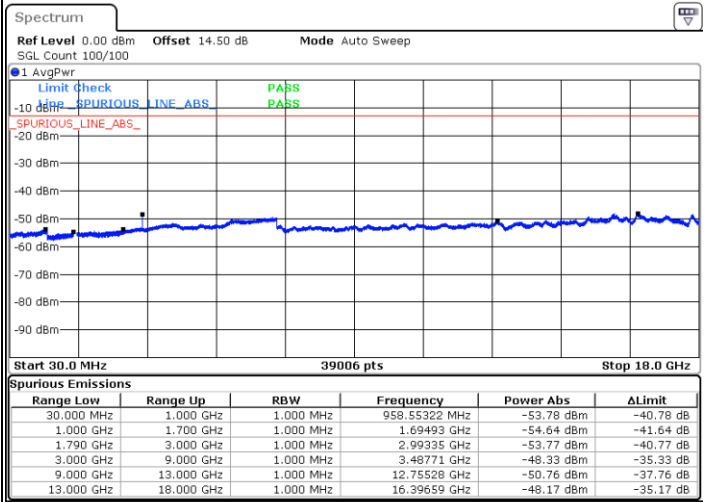
LTE Band 66 / 3MHz

Middle Channel / QPSK



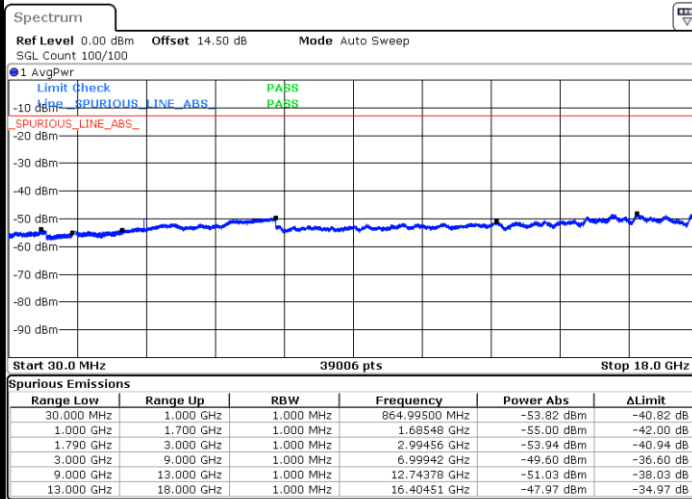
Date: 2 AUG 2021 21:54:39

Middle Channel / 16QAM



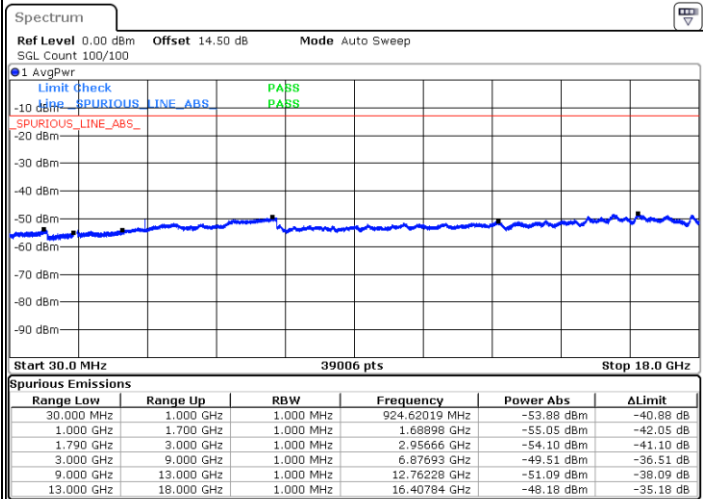
Date: 2 AUG 2021 21:55:49

Highest Channel / QPSK



Date: 2 AUG 2021 22:04:38

Highest Channel / 16QAM

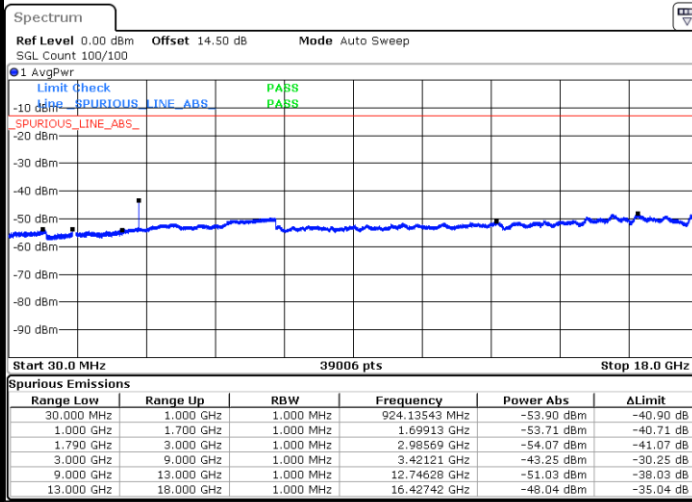


Date: 2 AUG 2021 22:05:48



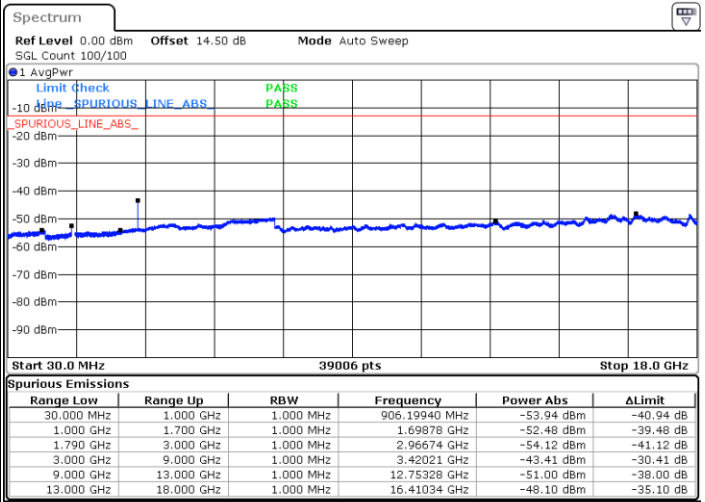
LTE Band 66 / 5MHz

Lowest Channel / QPSK



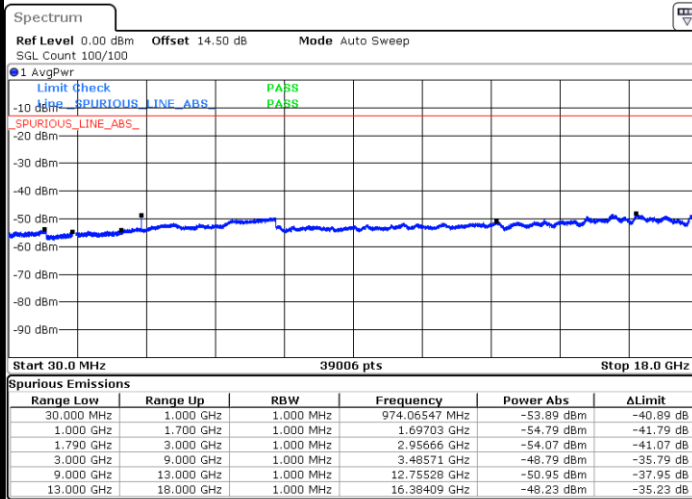
Date: 2 AUG 2021 22:37:37

Lowest Channel / 16QAM



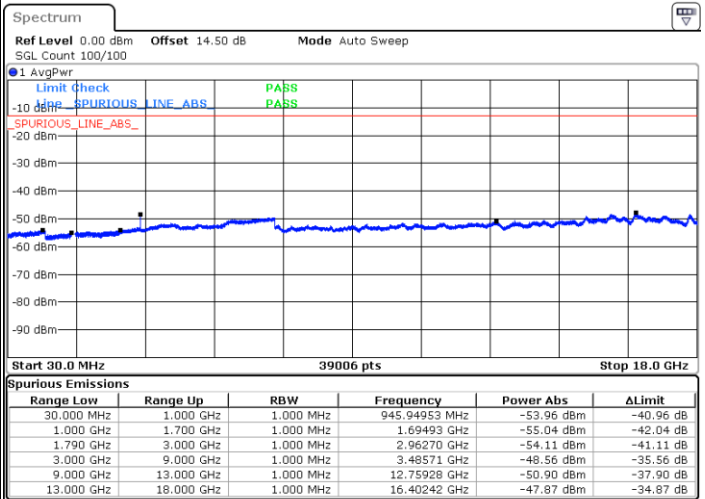
Date: 2 AUG 2021 22:38:47

Middle Channel / QPSK



Date: 2 AUG 2021 22:40:40

Middle Channel / 16QAM

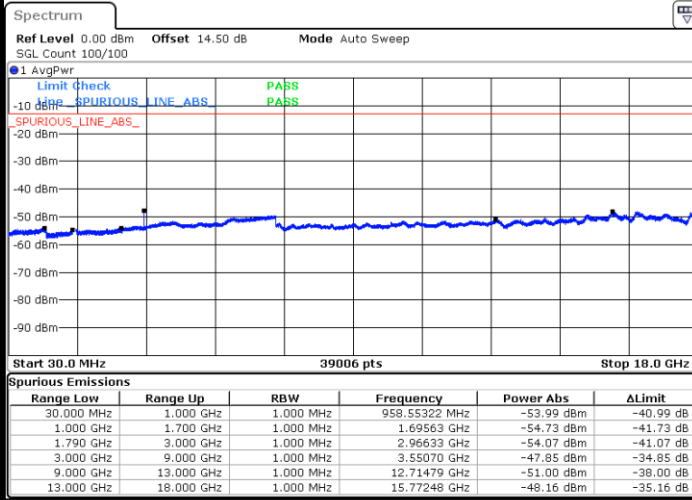


Date: 2 AUG 2021 22:41:50



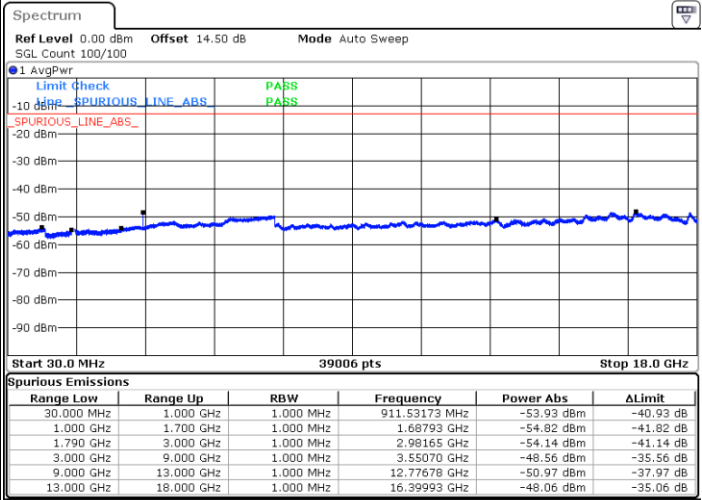
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 2 AUG 2021 22:50:38

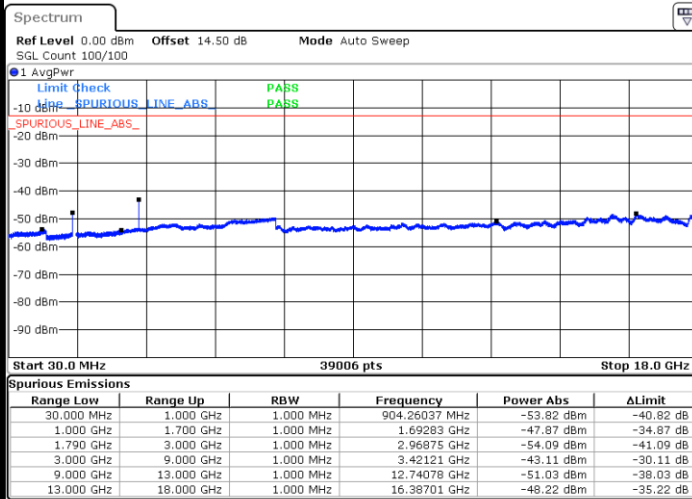
Highest Channel / 16QAM



Date: 2 AUG 2021 22:51:48

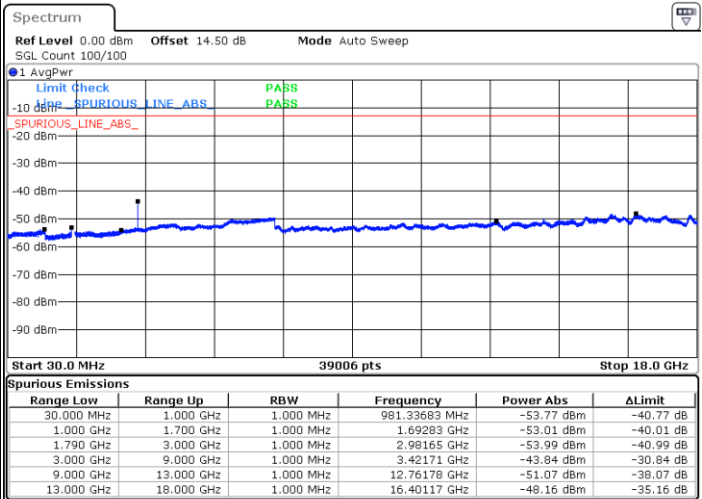
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 2 AUG 2021 23:00:37

Lowest Channel / 16QAM

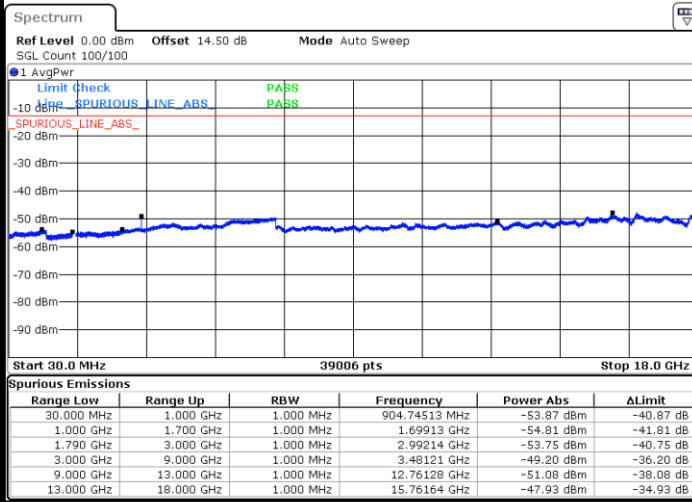


Date: 2 AUG 2021 23:01:47



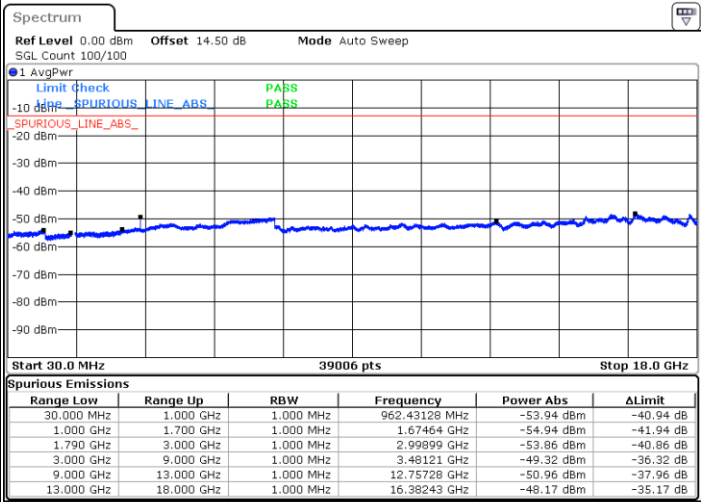
LTE Band 66 / 10MHz

Middle Channel / QPSK



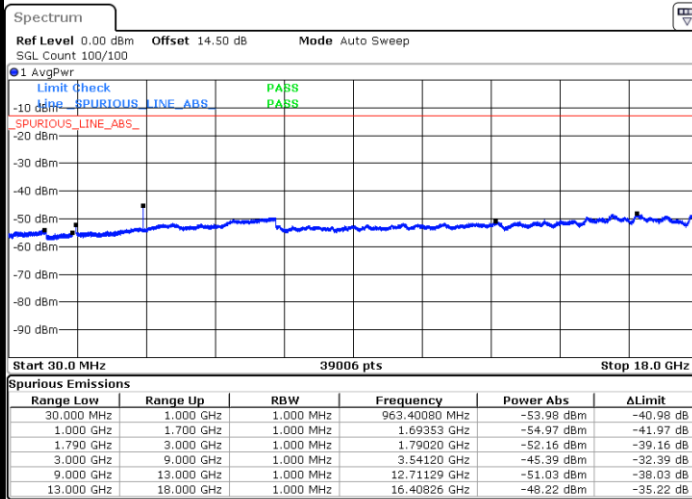
Date: 2 AUG 2021 23:03:40

Middle Channel / 16QAM



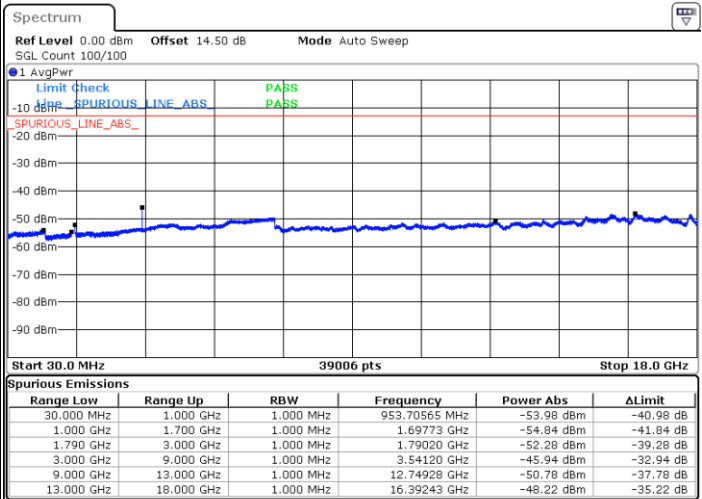
Date: 2 AUG 2021 23:04:50

Highest Channel / QPSK



Date: 2 AUG 2021 23:13:39

Highest Channel / 16QAM

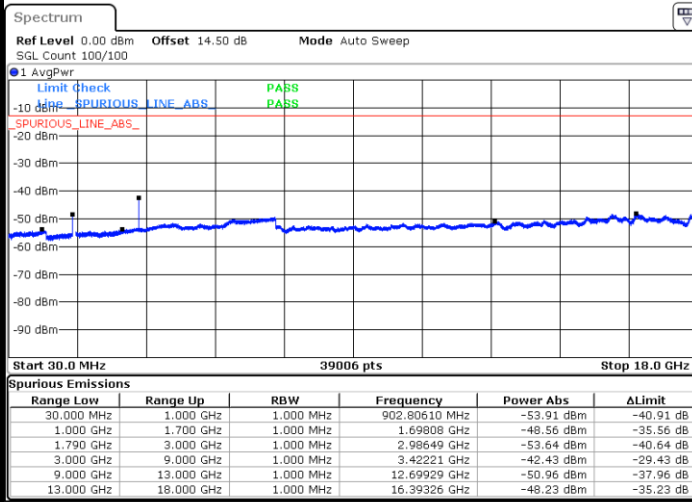


Date: 2 AUG 2021 23:14:49



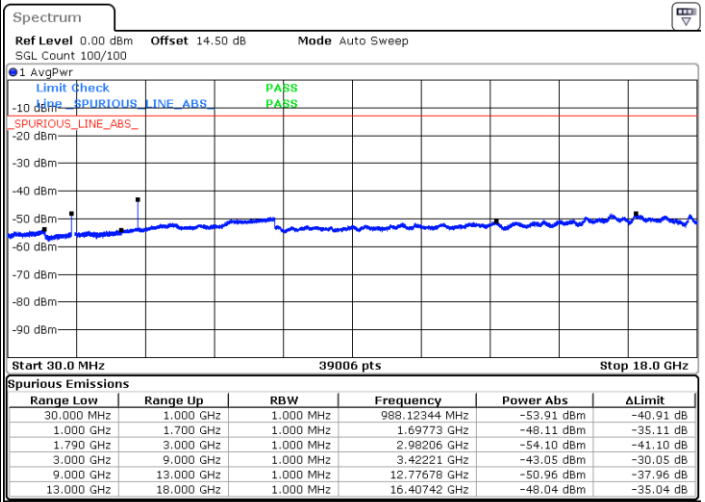
LTE Band 66 / 15MHz

Lowest Channel / QPSK



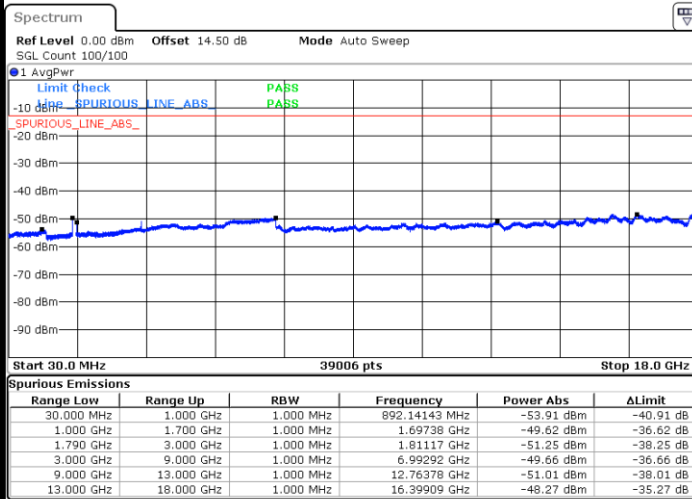
Date: 2 AUG 2021 23:46:38

Lowest Channel / 16QAM



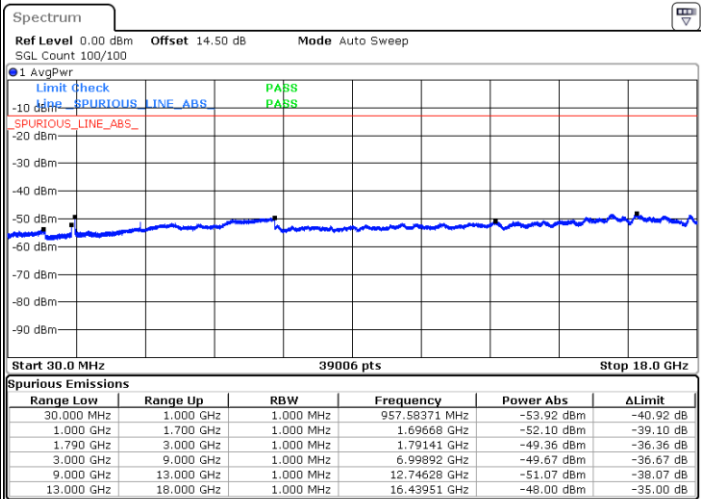
Date: 2 AUG 2021 23:47:48

Middle Channel / QPSK



Date: 2 AUG 2021 23:49:41

Middle Channel / 16QAM

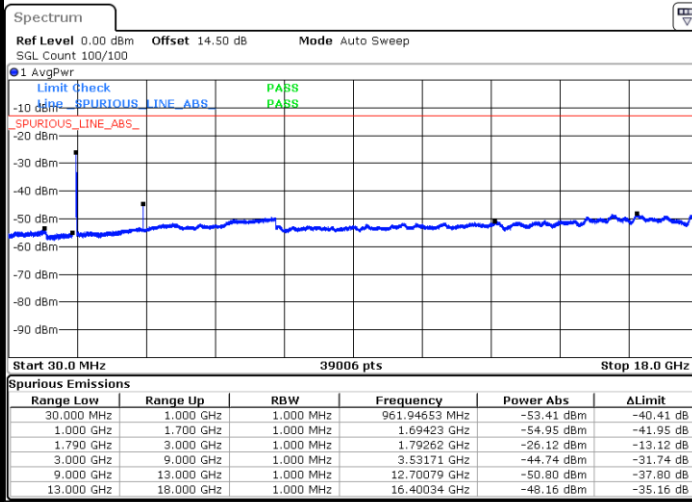


Date: 2 AUG 2021 23:50:51



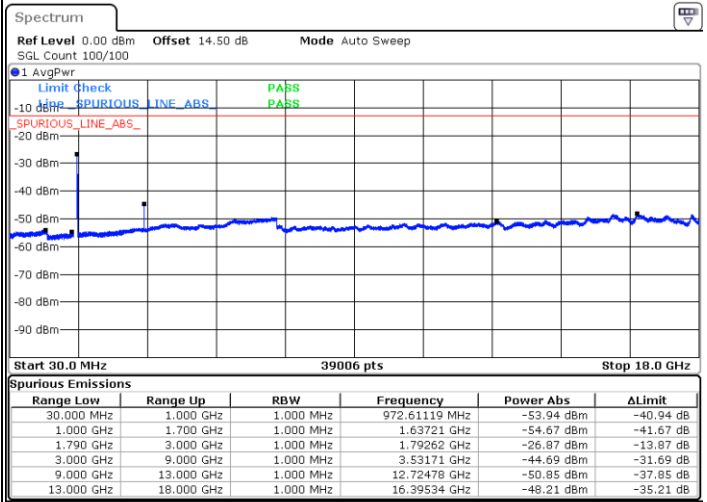
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 2 AUG 2021 23:59:39

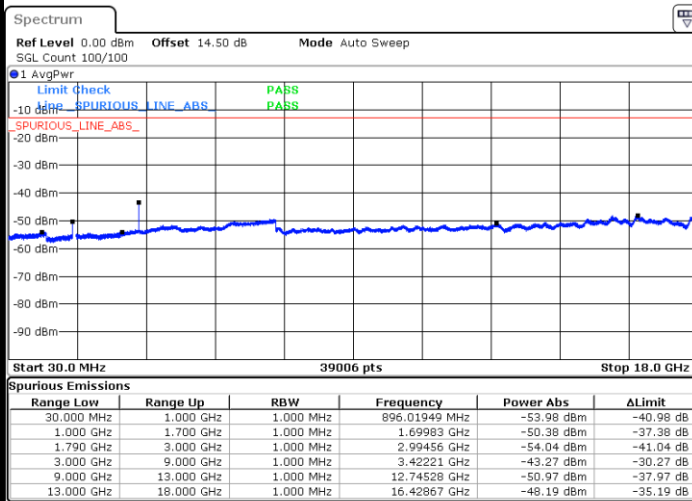
Highest Channel / 16QAM



Date: 3 AUG 2021 00:00:49

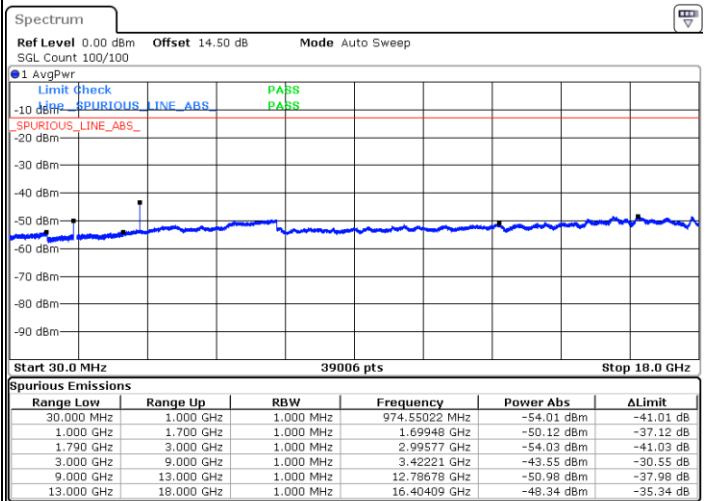
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 3 AUG 2021 00:09:38

Lowest Channel / 16QAM

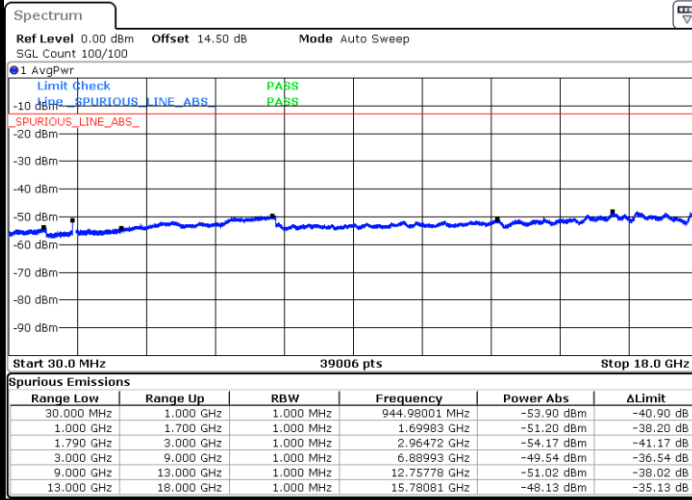


Date: 3 AUG 2021 00:10:48



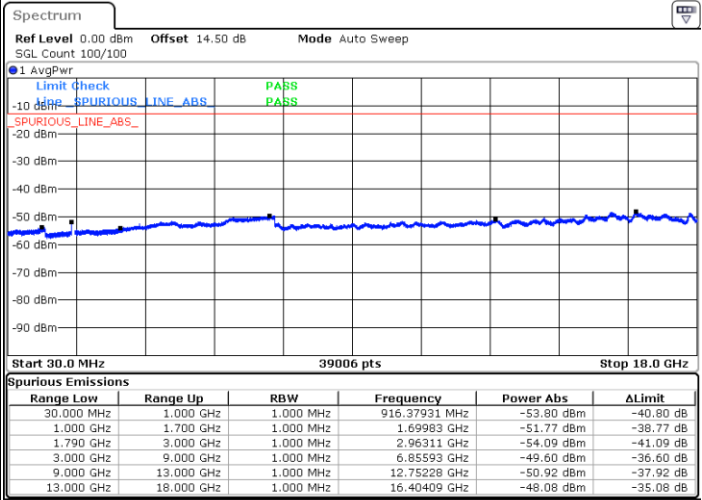
LTE Band 66 / 20MHz

Middle Channel / QPSK



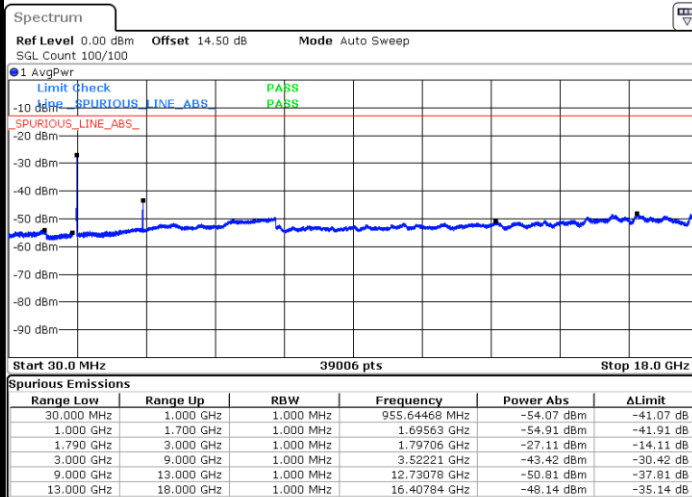
Date: 3.AUG.2021 00:12:41

Middle Channel / 16QAM



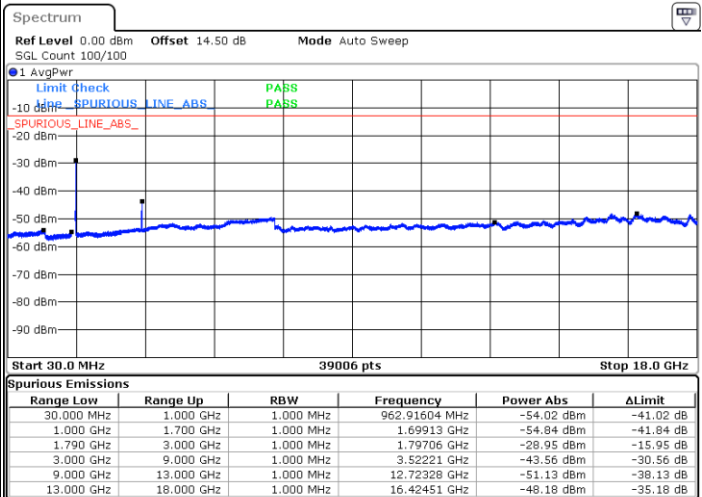
Date: 3.AUG.2021 00:13:51

Highest Channel / QPSK



Date: 3.AUG.2021 00:22:40

Highest Channel / 16QAM

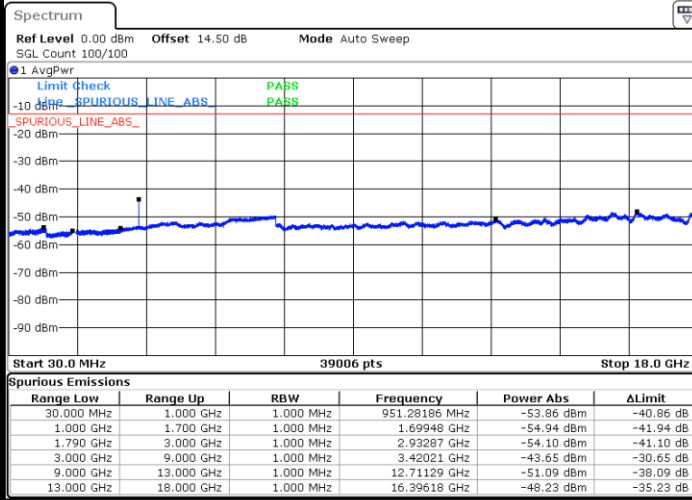


Date: 3.AUG.2021 00:23:50



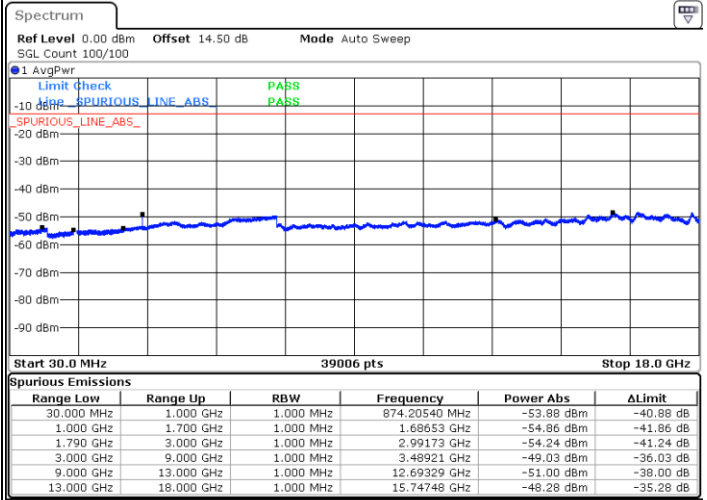
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



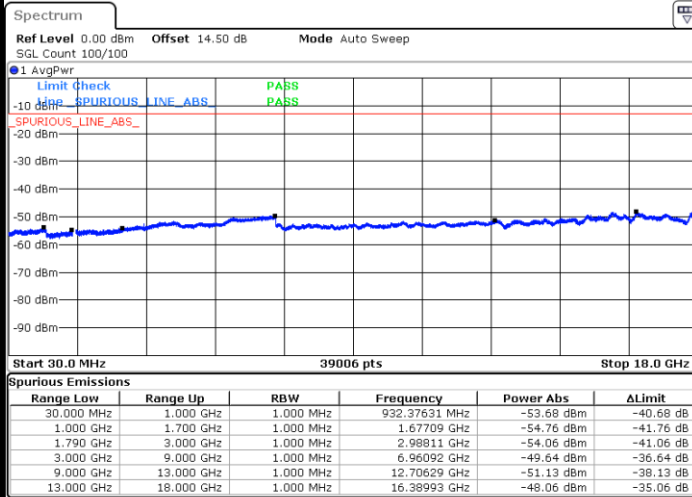
Date: 2 AUG 2021 21:36:16

Middle Channel / 64QAM



Date: 2 AUG 2021 21:37:48

Highest Channel / 64QAM

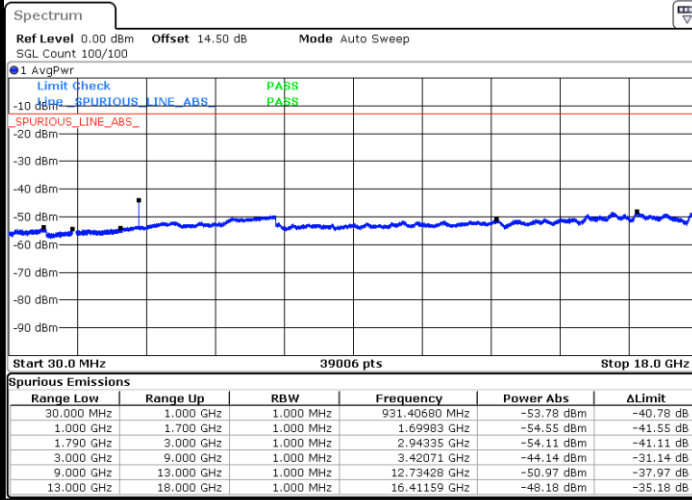


Date: 2 AUG 2021 21:42:47



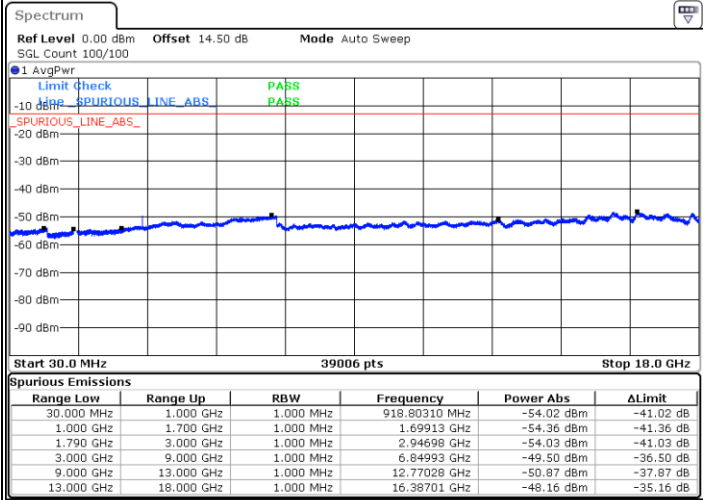
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



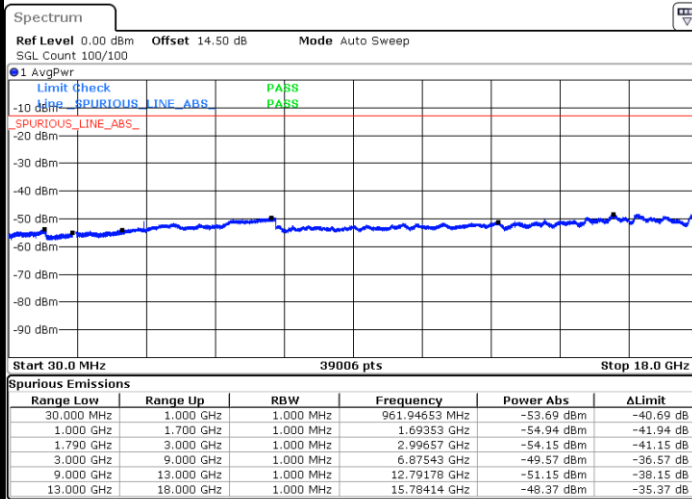
Date: 2 AUG 2021 22:10:47

Middle Channel / 64QAM



Date: 2 AUG 2021 22:12:19

Highest Channel / 64QAM

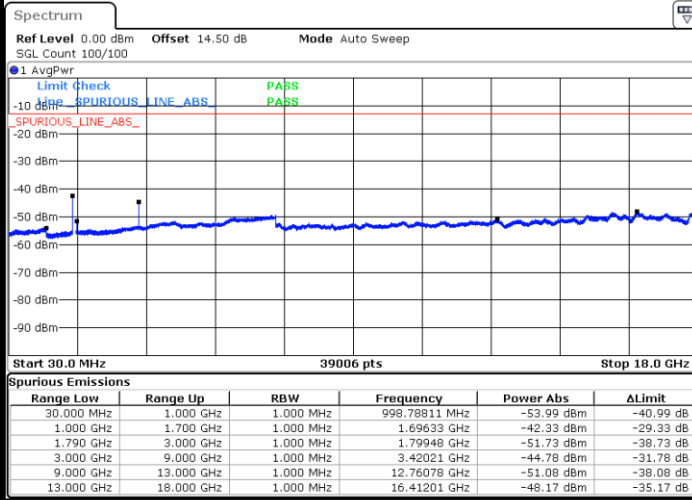


Date: 2 AUG 2021 22:17:18



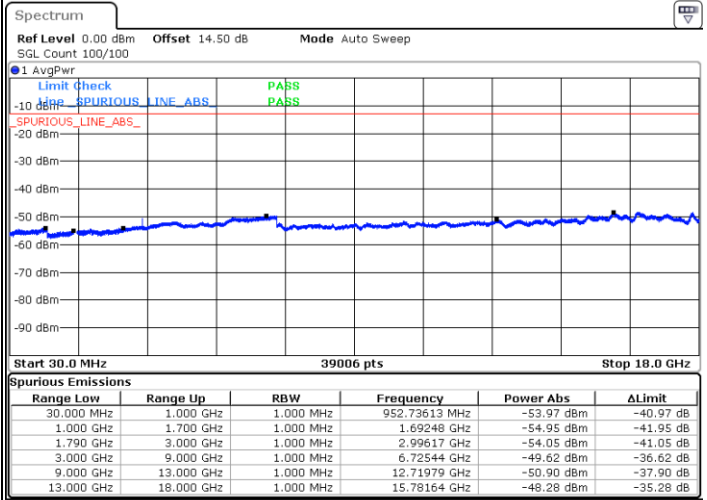
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



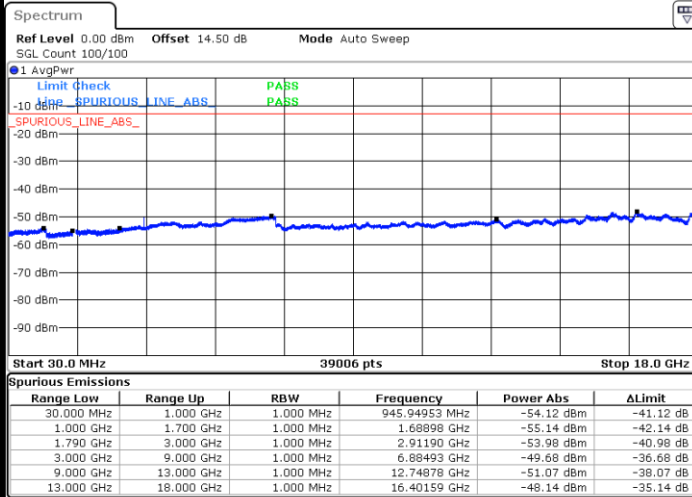
Date: 2 AUG 2021 22:22:17

Middle Channel / 64QAM



Date: 2 AUG 2021 22:23:49

Highest Channel / 64QAM

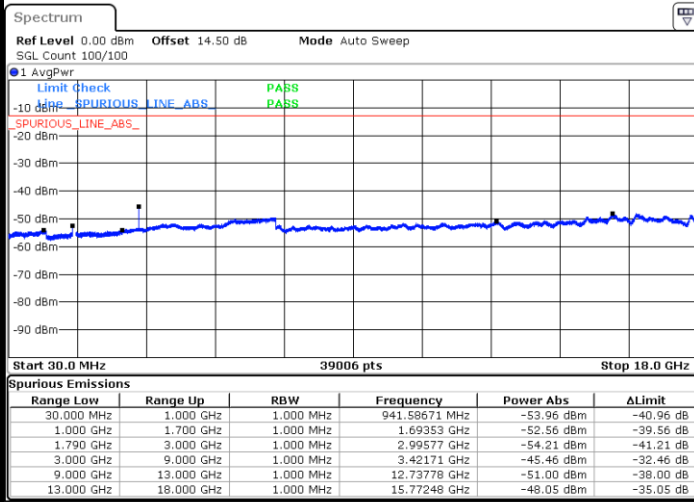


Date: 2 AUG 2021 22:28:48



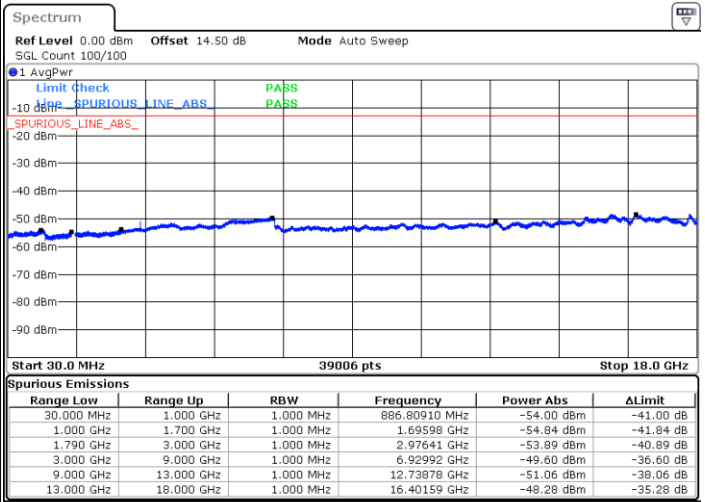
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



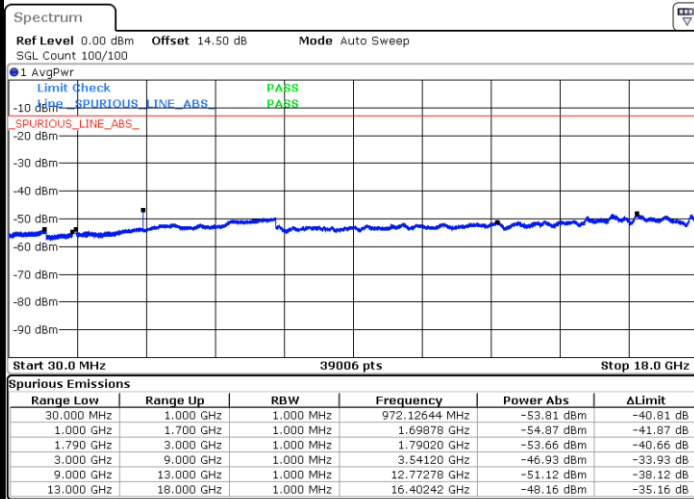
Date: 2 AUG 2021 23:19:48

Middle Channel / 64QAM



Date: 2 AUG 2021 23:21:19

Highest Channel / 64QAM

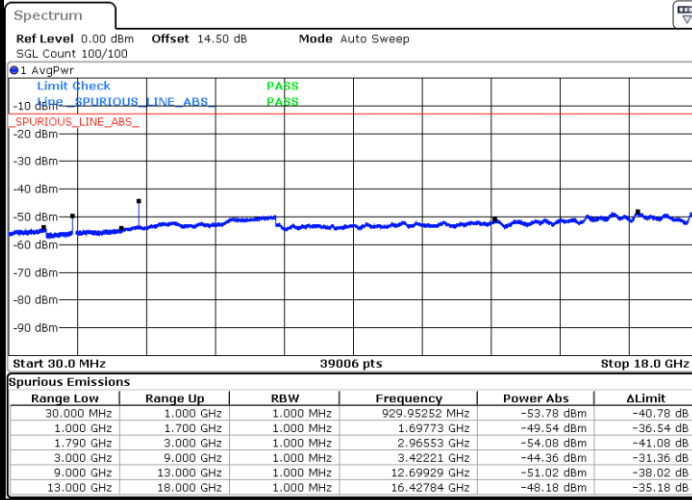


Date: 2 AUG 2021 23:26:19



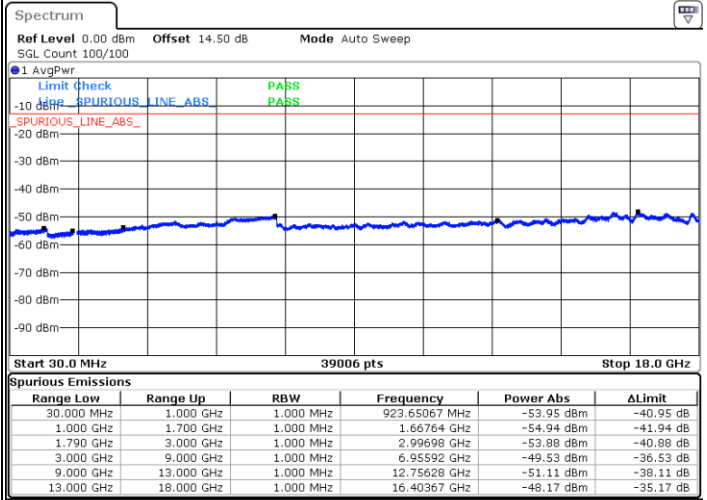
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



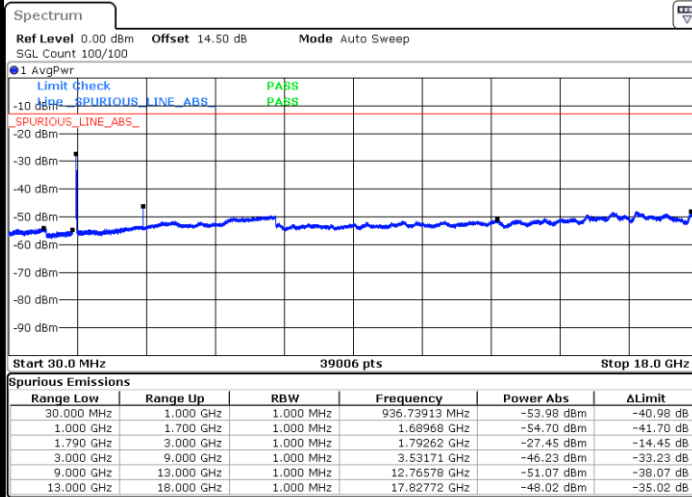
Date: 2 AUG 2021 23:31:18

Middle Channel / 64QAM



Date: 2 AUG 2021 23:32:50

Highest Channel / 64QAM

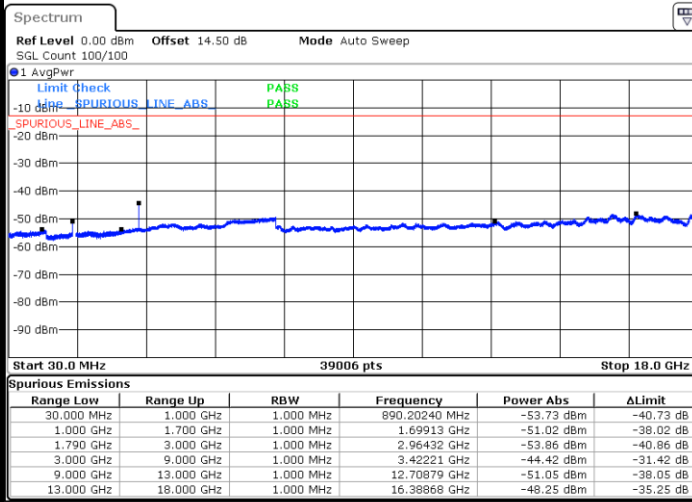


Date: 2 AUG 2021 23:37:49



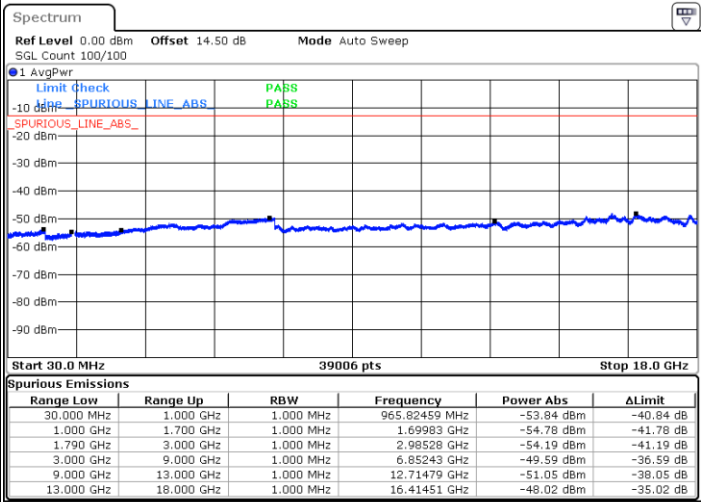
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



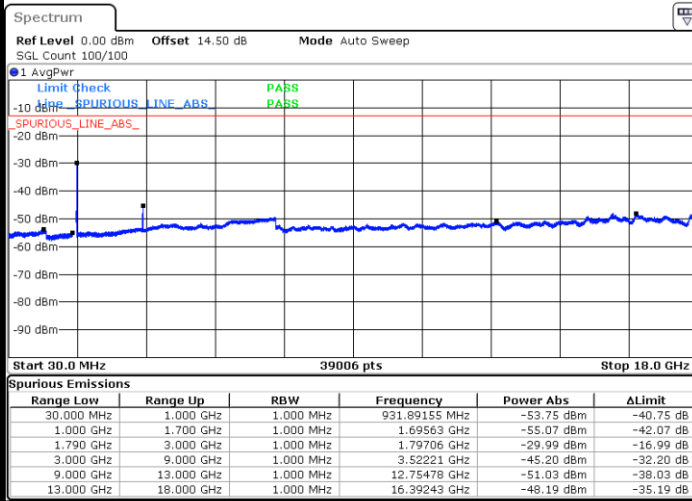
Date: 3 AUG 2021 00:28:49

Middle Channel / 64QAM



Date: 3 AUG 2021 00:30:21

Highest Channel / 64QAM



Date: 3 AUG 2021 00:35:21

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.65 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

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3742.18	-47.35	-13	-34.35	-64.04	-54.10	5.85	12.60	H
	5613.27	-58.71	-13	-45.71	-78.42	-64.51	7.30	13.10	H
	7484.36	-53.99	-13	-40.99	-78.73	-57.14	8.35	11.50	H
	3742.18	-52.70	-13	-39.70	-69.31	-59.45	5.85	12.60	V
	5613.27	-58.91	-13	-45.91	-78.81	-64.71	7.30	13.10	V
	7484.36	-54.19	-13	-41.19	-78.92	-57.34	8.35	11.50	V

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

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3447.18	-40.61	-13	-27.61	-55.85	-47.46	5.65	12.50	H
	5170.77	-59.24	-13	-46.24	-78.72	-64.91	7.13	12.80	H
	6894.36	-54.94	-13	-41.94	-78.55	-58.34	8.40	11.80	H
	3447.18	-49.84	-13	-36.84	-65.12	-56.69	5.65	12.50	V
	5170.77	-59.12	-13	-46.12	-78.87	-64.79	7.13	12.80	V
	6894.36	-54.35	-13	-41.35	-78.44	-57.75	8.40	11.80	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	1664.18	-64.74	-13	-51.74	-73.41	-67.99	4.00	9.40	H
	2496.27	-61.94	-13	-48.94	-74.79	-65.51	4.88	10.60	H
	3328.36	-61.70	-13	-48.70	-76.25	-66.63	5.52	12.60	H
	1664.18	-65.20	-13	-52.20	-73.47	-68.45	4.00	9.40	V
	2496.27	-62.56	-13	-49.56	-75.37	-66.13	4.88	10.60	V
	3328.36	-62.05	-13	-49.05	-76.36	-66.98	5.52	12.60	V

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



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	5052.18	-57.91	-25	-32.91	-77.75	-63.47	7.14	12.70	H
	7578.27	-53.17	-25	-28.17	-77.70	-56.47	8.30	11.60	H
	10104.36	-53.09	-25	-28.09	-83.02	-54.61	10.48	12.00	H
	5052.18	-58.35	-25	-33.35	-78.31	-63.91	7.14	12.70	V
	7578.27	-52.88	-25	-27.88	-77.37	-56.18	8.30	11.60	V
	10104.36	-53.42	-25	-28.42	-81.95	-54.94	10.48	12.00	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3472	-47.54	-13	-34.54	-62.92	-54.39	5.65	12.50	H
	5208	-59.25	-13	-46.25	-78.58	-64.92	7.13	12.80	H
	6944	-54.56	-13	-41.56	-78.49	-57.96	8.40	11.80	H
	3472	-49.15	-13	-36.15	-64.55	-56.00	5.65	12.50	V
	5208	-58.93	-13	-45.93	-78.51	-64.60	7.13	12.80	V
	6944	-54.06	-13	-41.06	-78.46	-57.46	8.40	11.80	V

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