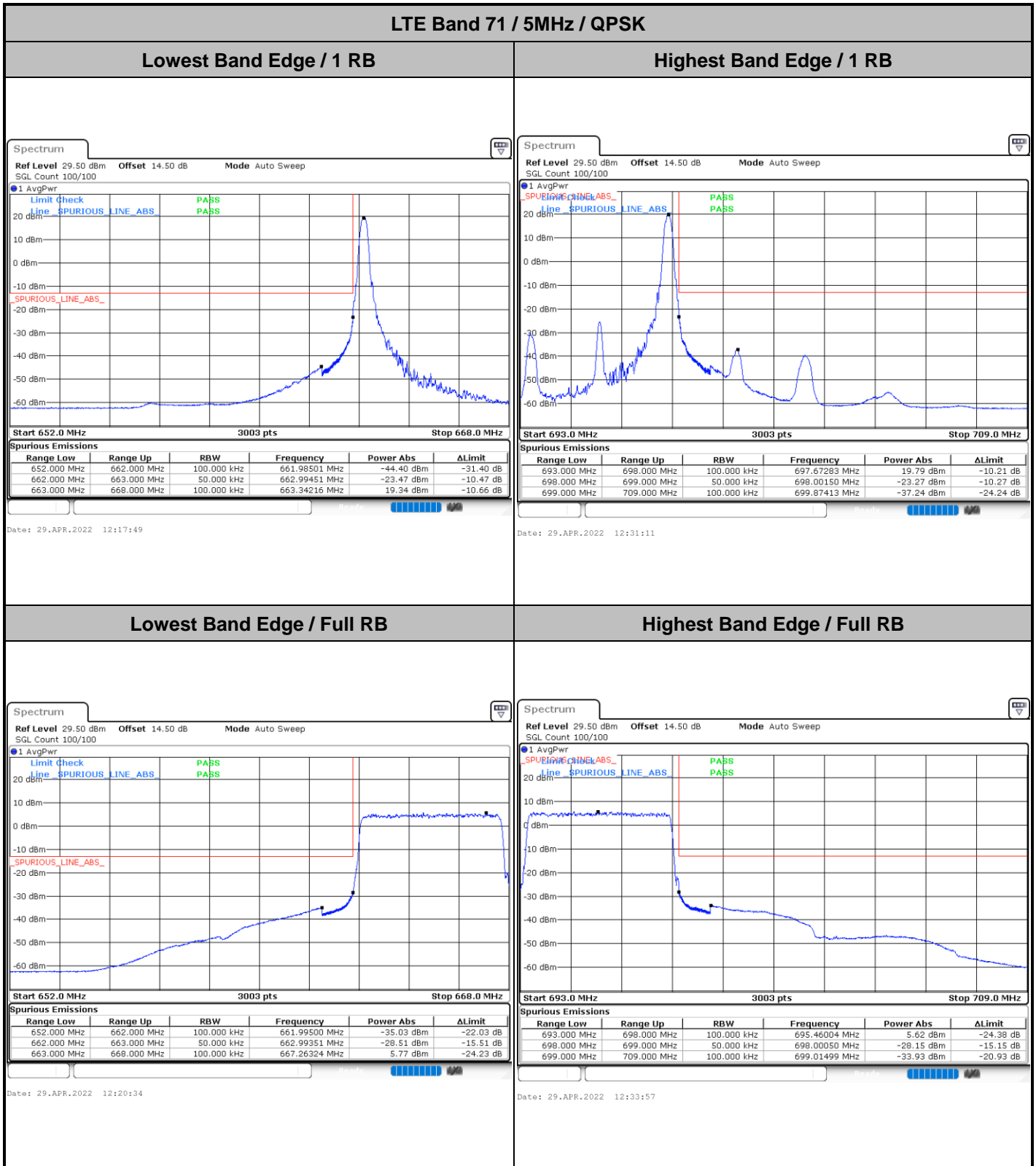




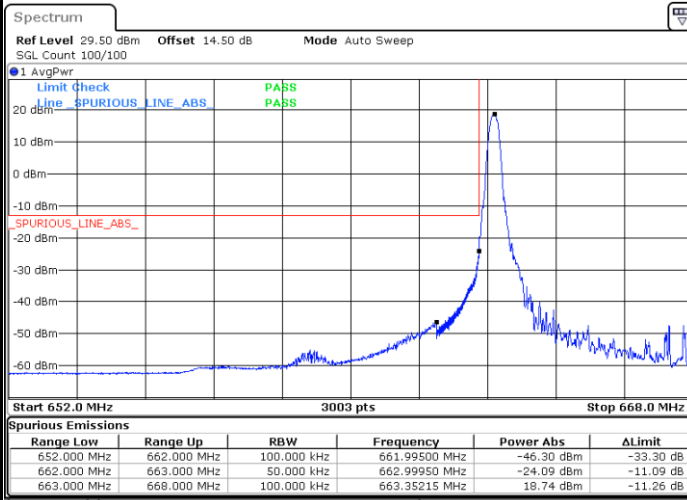
# Conducted Band Edge





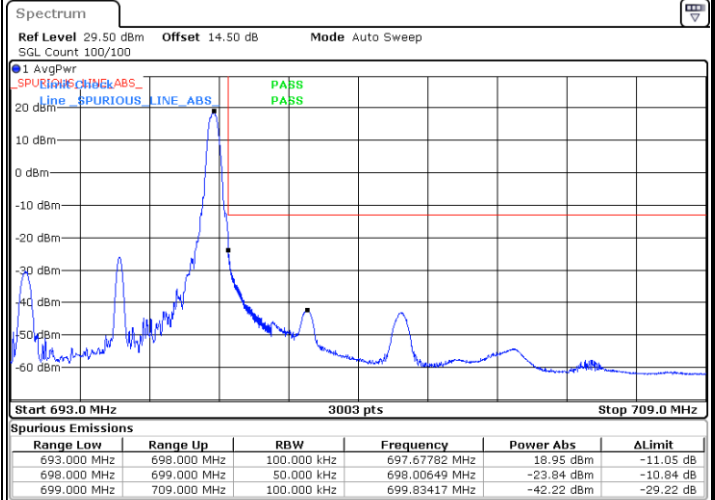
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



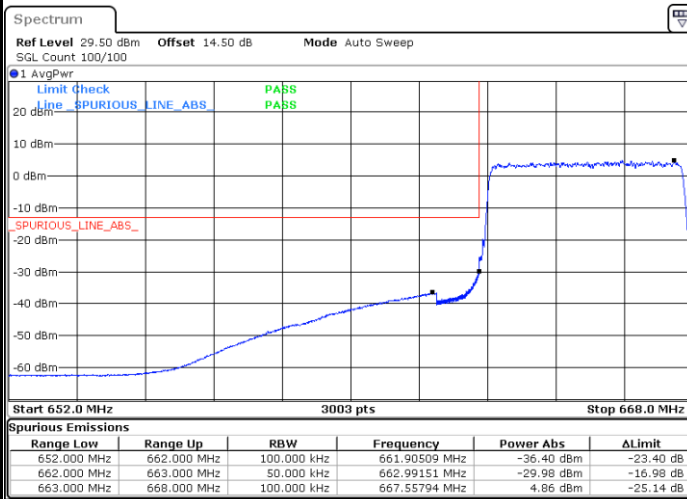
Date: 29.APR.2022 12:19:11

Highest Band Edge / 1 RB



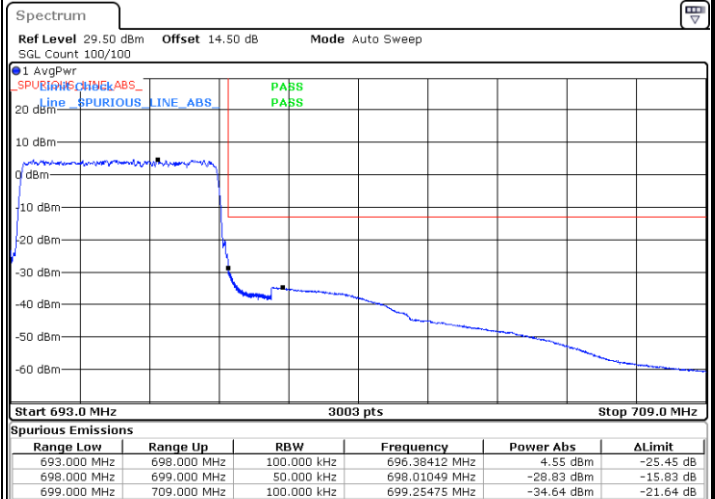
Date: 29.APR.2022 12:32:34

Lowest Band Edge / Full RB



Date: 29.APR.2022 12:21:57

Highest Band Edge / Full RB

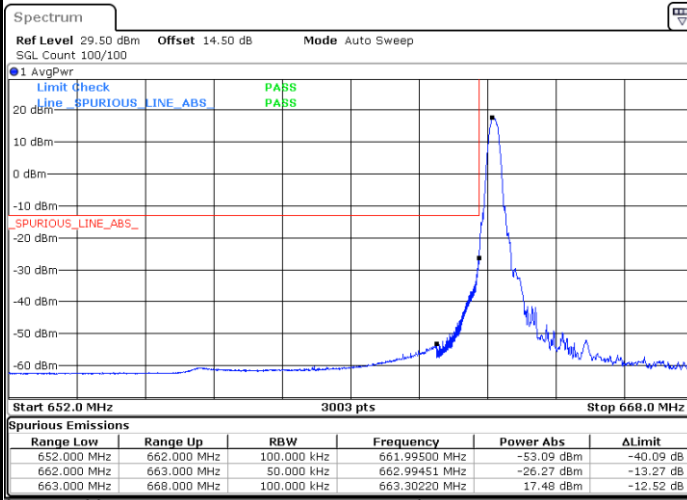


Date: 29.APR.2022 12:35:20



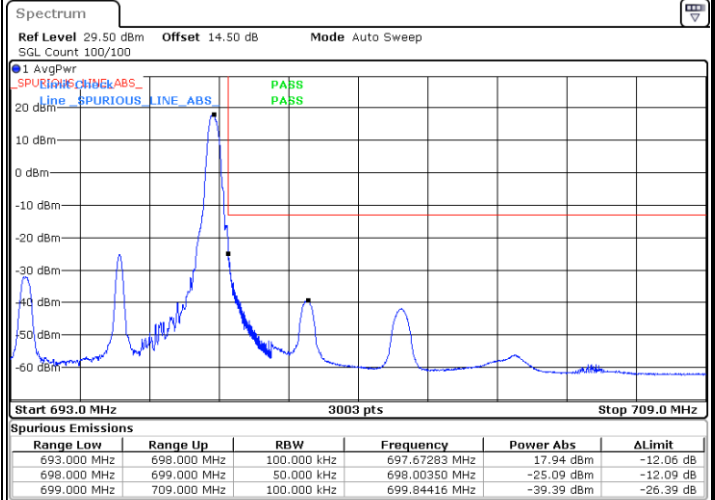
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



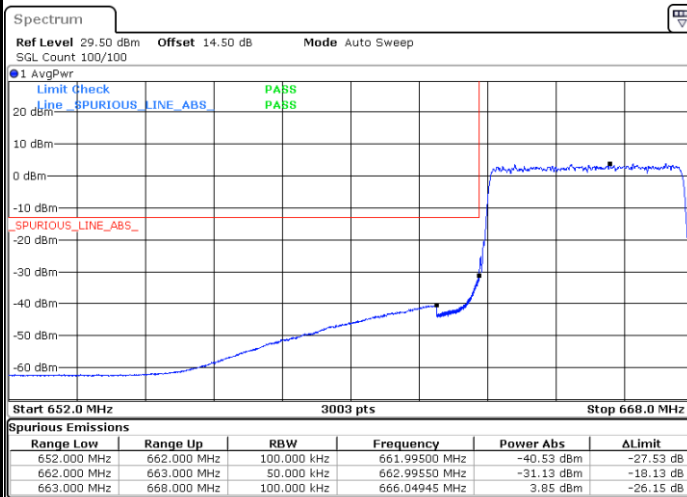
Date: 29.APR.2022 12:39:45

Highest Band Edge / 1 RB



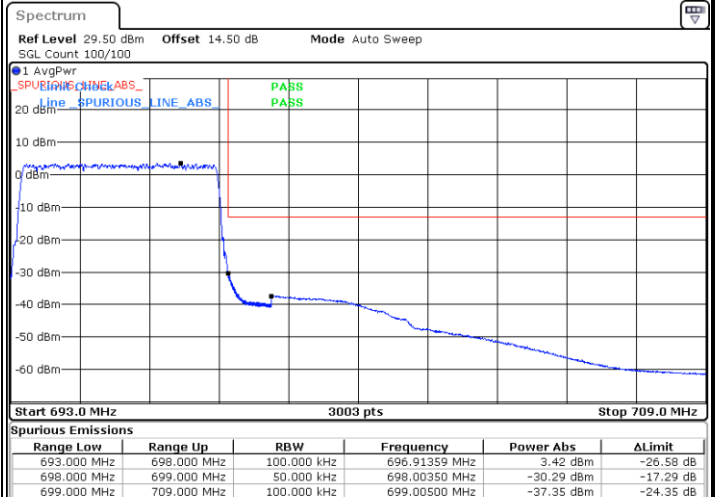
Date: 29.APR.2022 12:46:09

Lowest Band Edge / Full RB



Date: 29.APR.2022 12:41:08

Highest Band Edge / Full RB

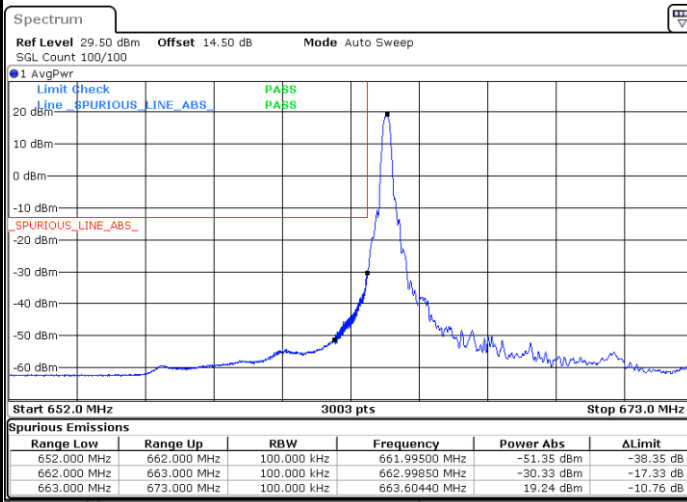


Date: 29.APR.2022 12:47:31



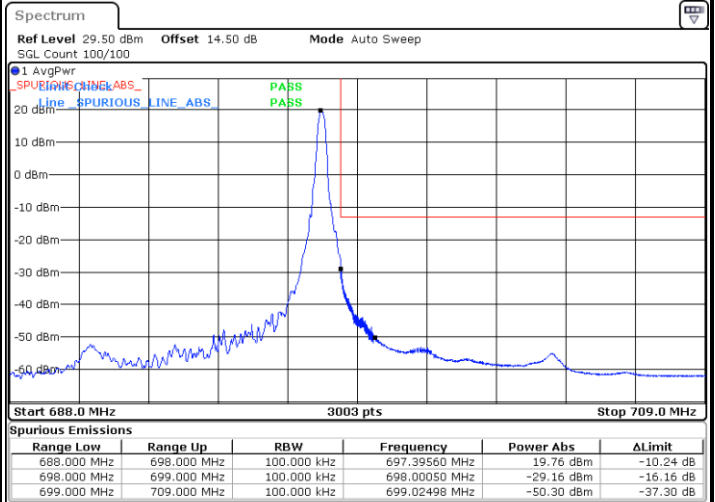
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



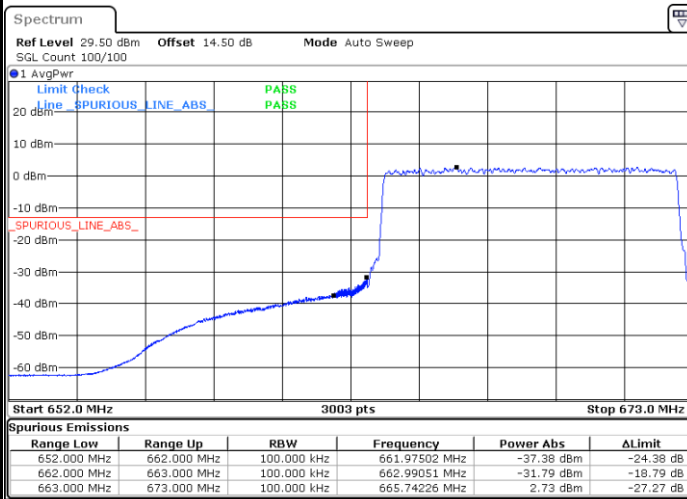
Date: 29.APR.2022 12:51:43

Highest Band Edge / 1 RB



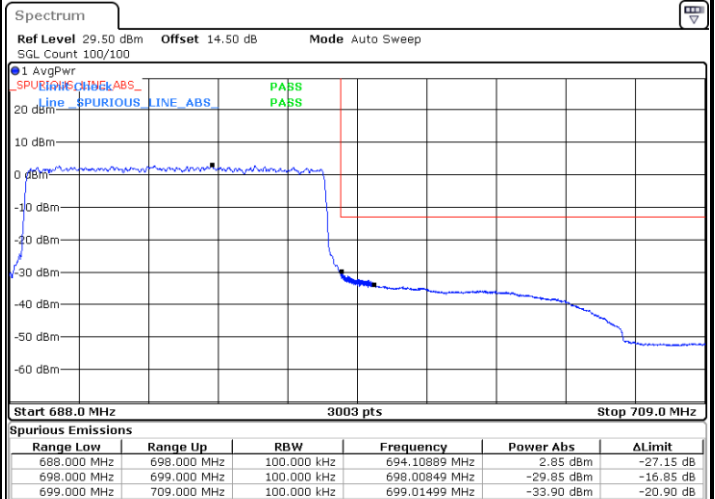
Date: 29.APR.2022 13:05:03

Lowest Band Edge / Full RB



Date: 29.APR.2022 12:54:27

Highest Band Edge / Full RB

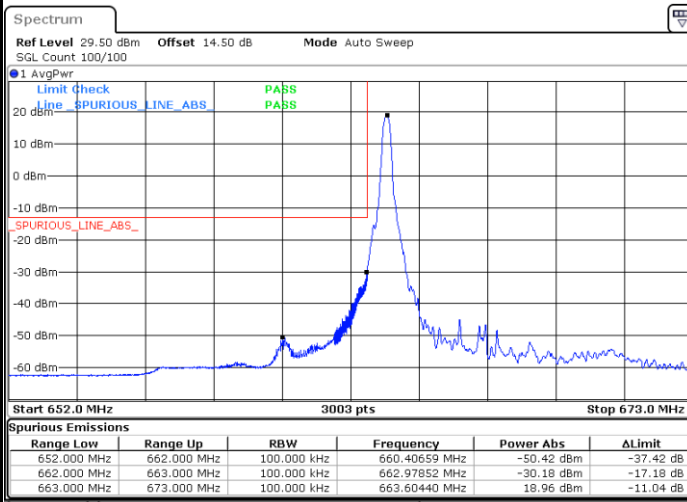


Date: 29.APR.2022 13:07:49



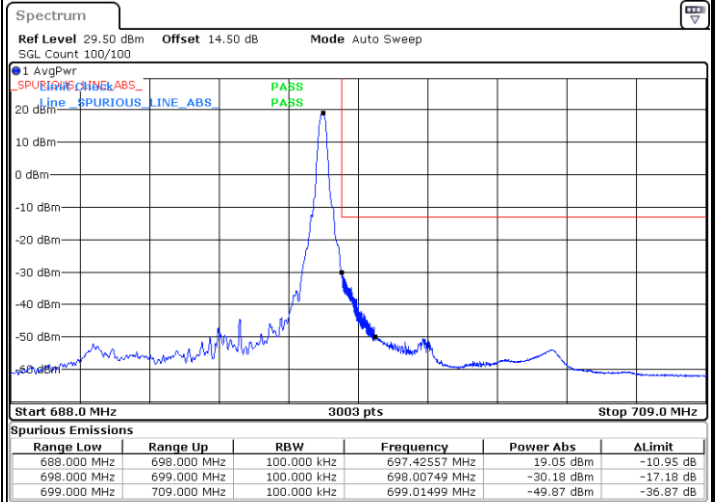
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



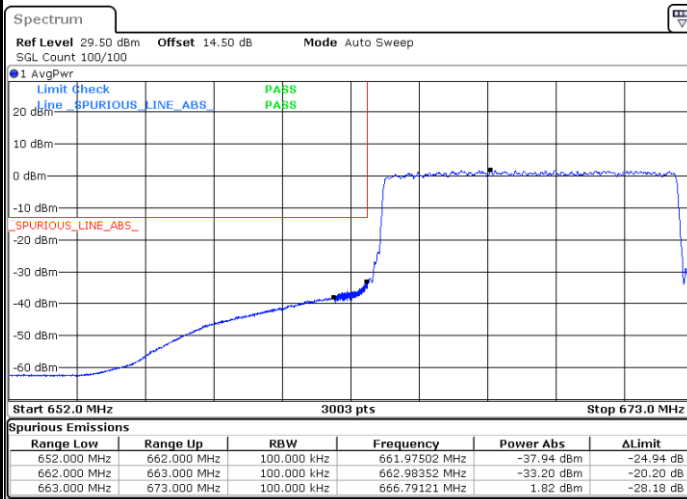
Date: 29.APR.2022 12:53:05

Highest Band Edge / 1 RB



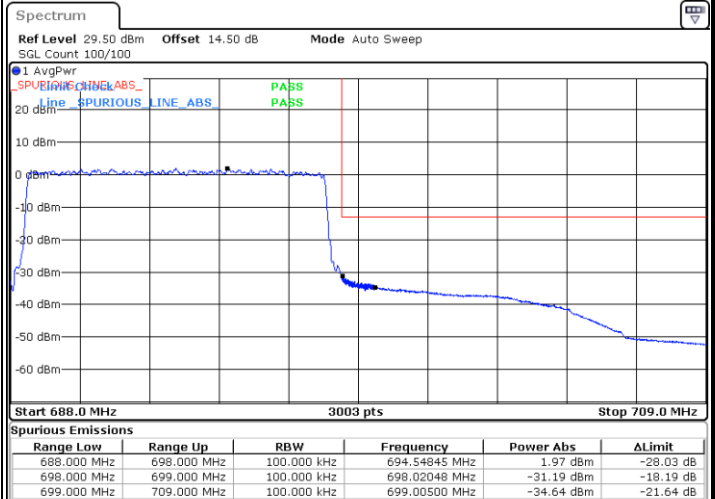
Date: 29.APR.2022 13:06:26

Lowest Band Edge / Full RB



Date: 29.APR.2022 12:55:49

Highest Band Edge / Full RB

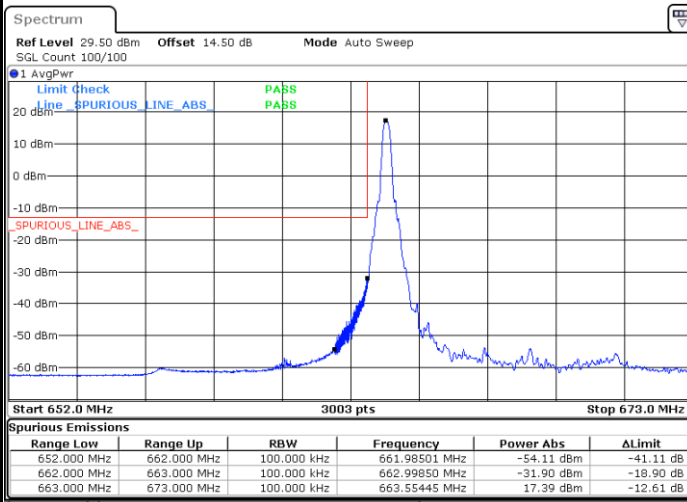


Date: 29.APR.2022 13:09:11



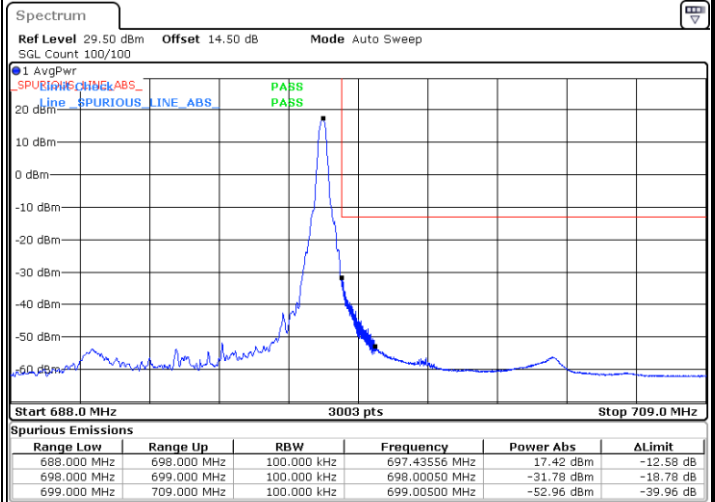
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



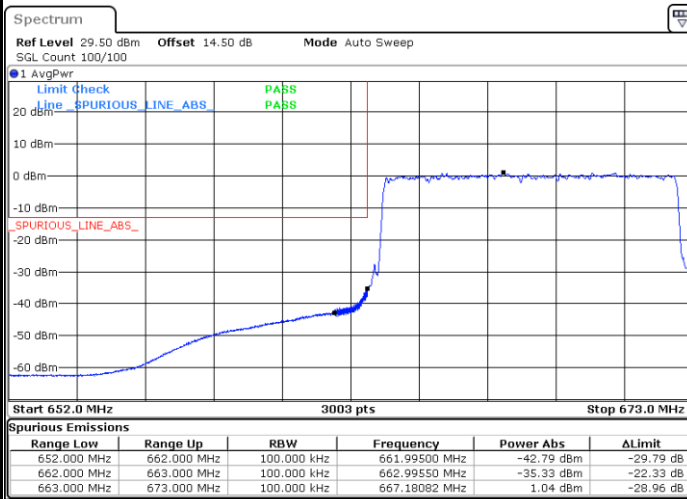
Date: 29.APR.2022 13:13:35

Highest Band Edge / 1 RB



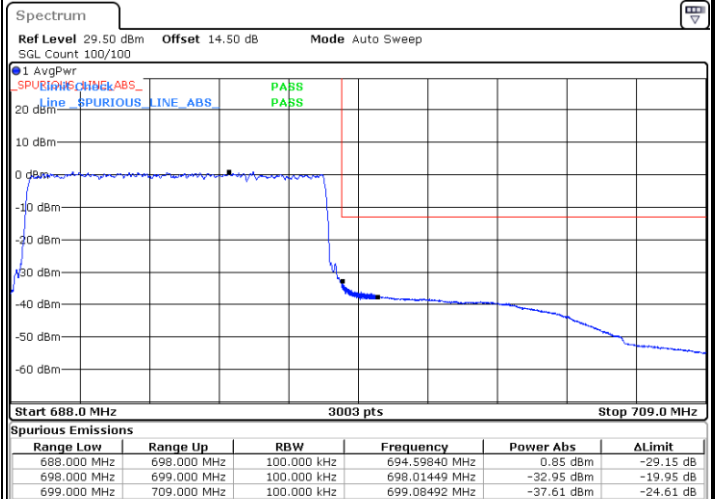
Date: 29.APR.2022 13:19:59

Lowest Band Edge / Full RB



Date: 29.APR.2022 13:14:57

Highest Band Edge / Full RB

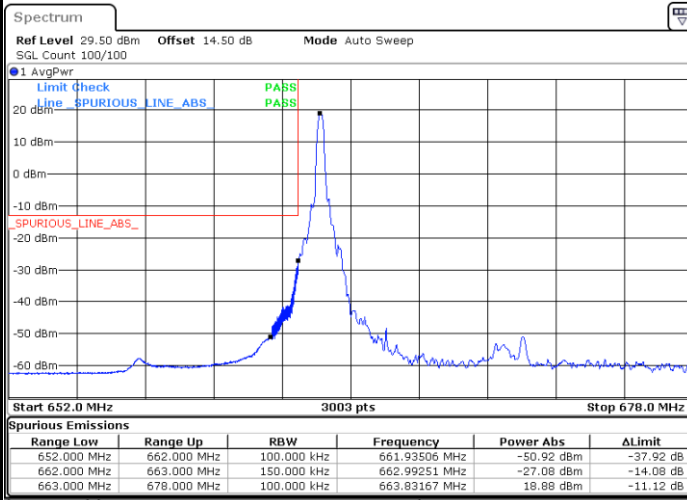


Date: 29.APR.2022 13:21:21



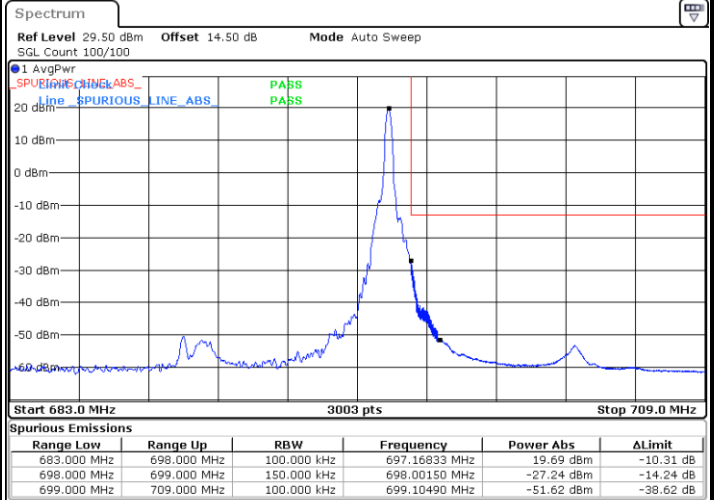
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



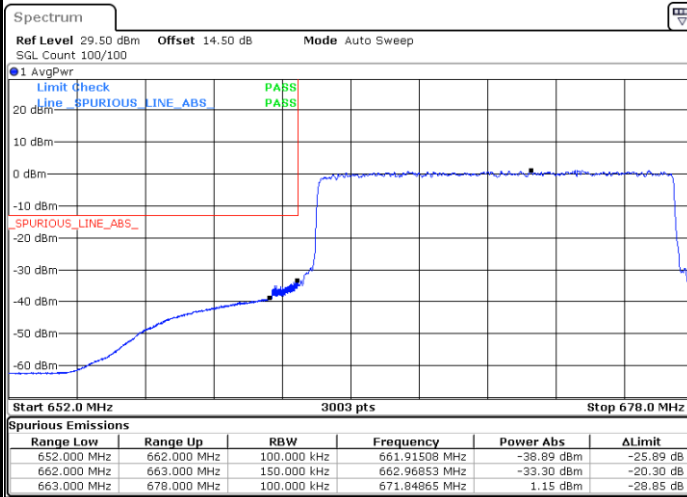
Date: 29.APR.2022 13:25:31

Highest Band Edge / 1 RB



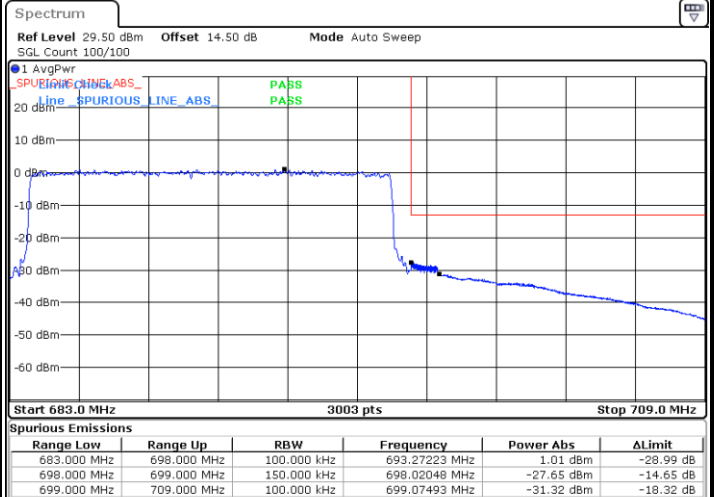
Date: 29.APR.2022 13:38:55

Lowest Band Edge / Full RB



Date: 29.APR.2022 13:28:17

Highest Band Edge / Full RB

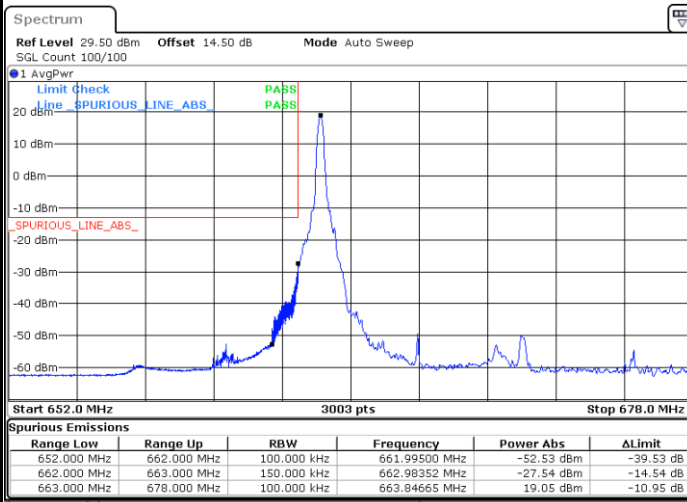


Date: 29.APR.2022 13:41:40



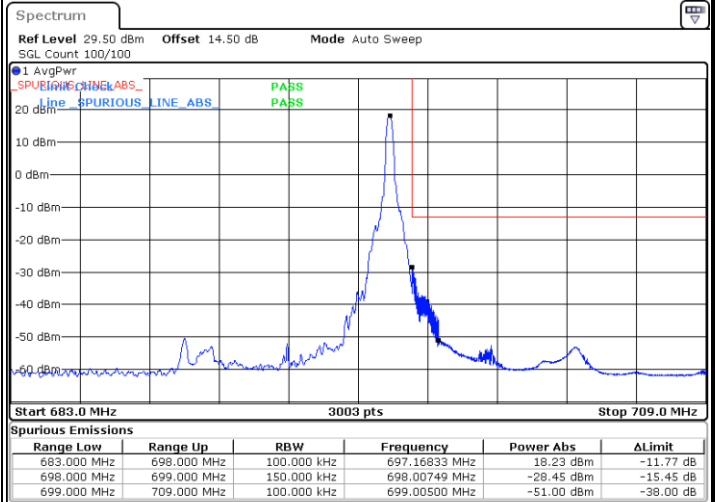
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



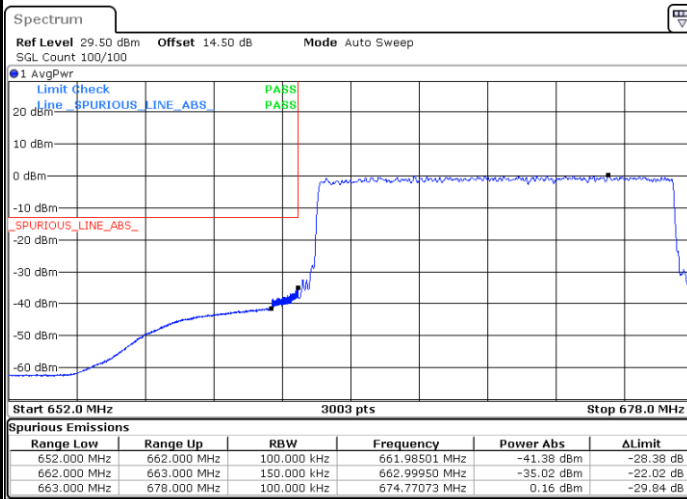
Date: 29.APR.2022 13:26:54

Highest Band Edge / 1 RB



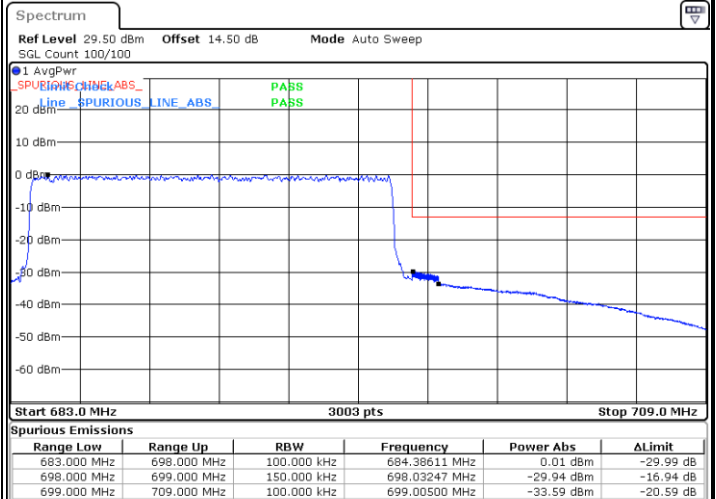
Date: 29.APR.2022 13:40:17

Lowest Band Edge / Full RB



Date: 29.APR.2022 13:29:40

Highest Band Edge / Full RB



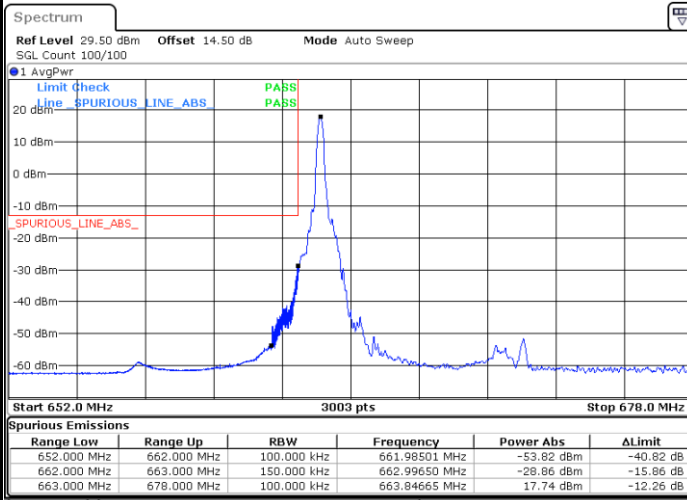
Date: 29.APR.2022 13:43:02





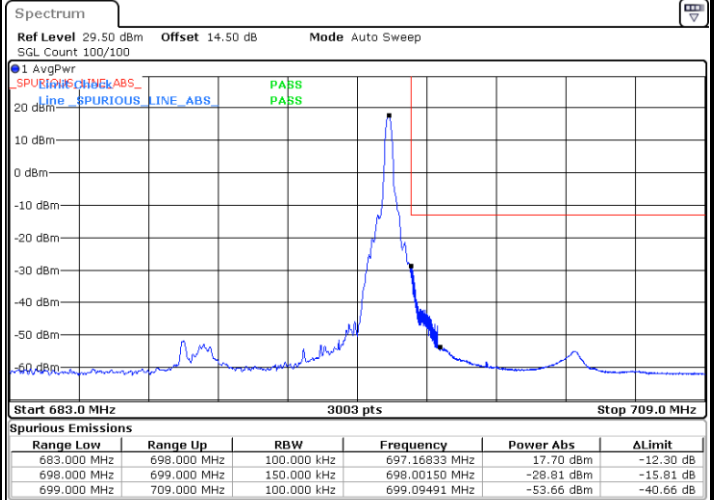
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



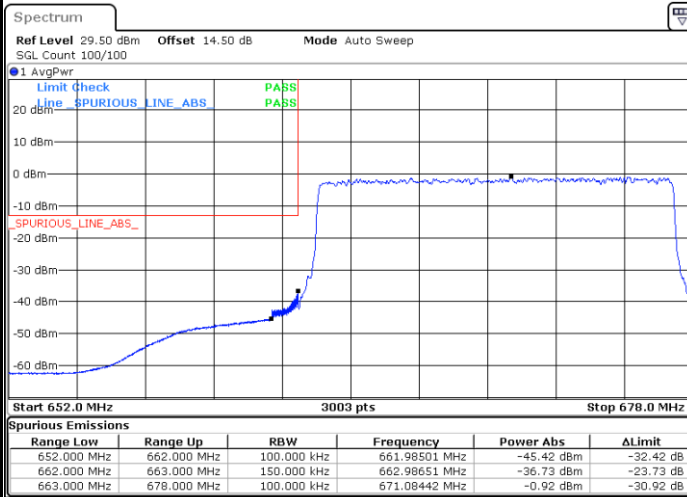
Date: 29.APR.2022 13:47:26

Highest Band Edge / 1 RB



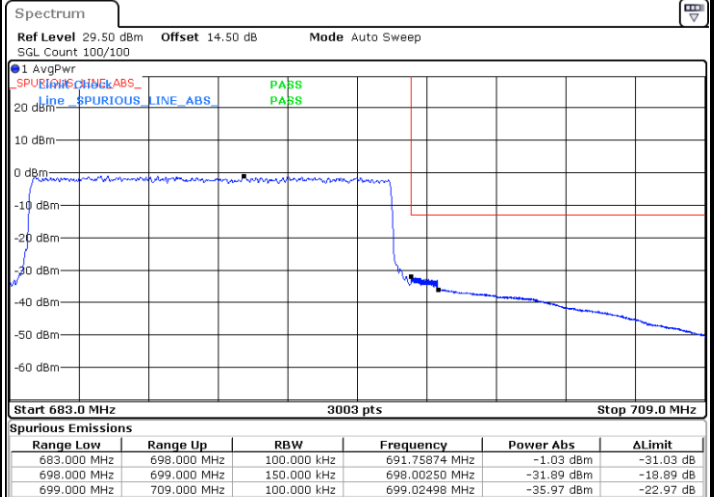
Date: 29.APR.2022 13:53:48

Lowest Band Edge / Full RB



Date: 29.APR.2022 13:48:48

Highest Band Edge / Full RB

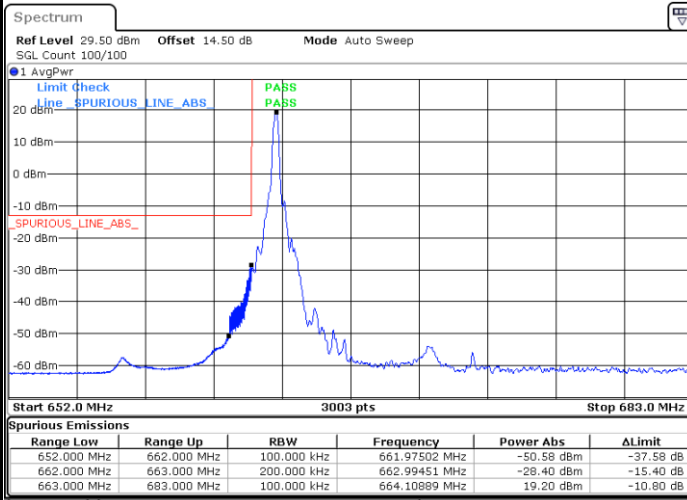


Date: 29.APR.2022 13:55:11



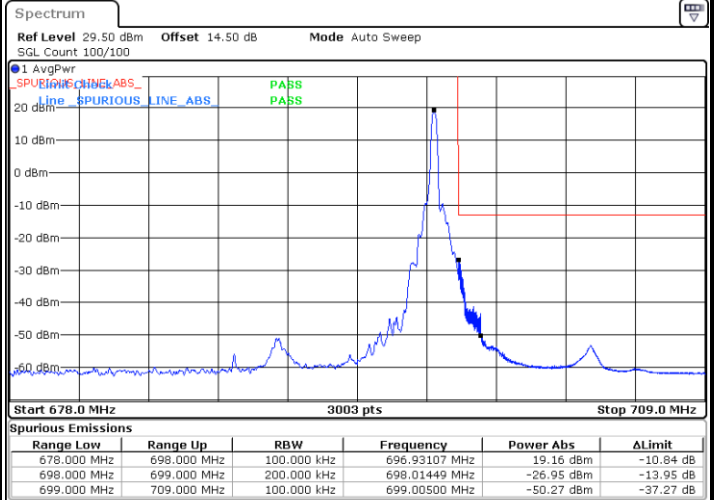
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



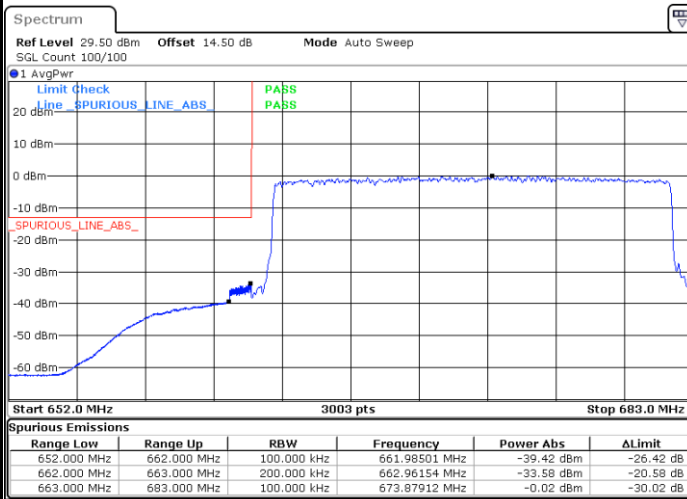
Date: 29.APR.2022 13:59:21

Highest Band Edge / 1 RB



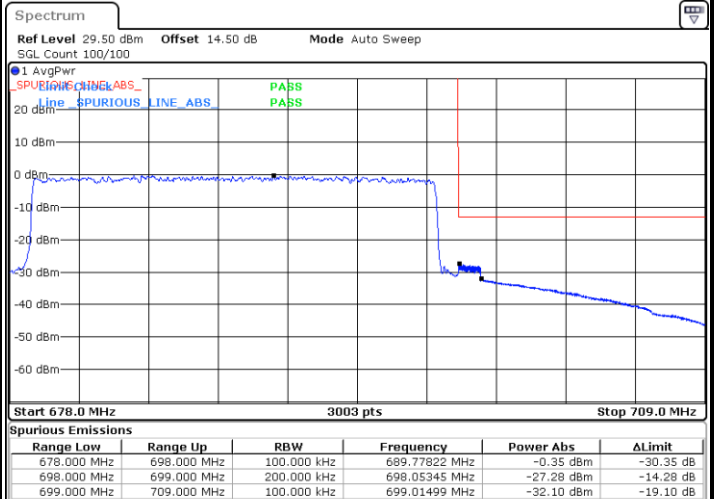
Date: 29.APR.2022 14:12:43

Lowest Band Edge / Full RB



Date: 29.APR.2022 14:02:07

Highest Band Edge / Full RB

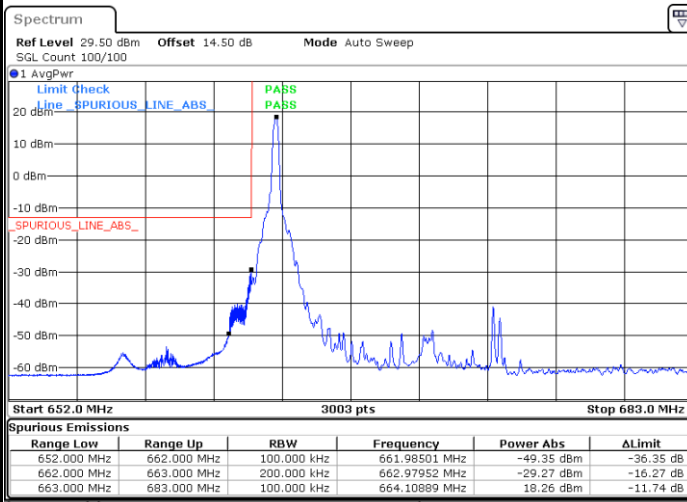


Date: 29.APR.2022 14:16:51



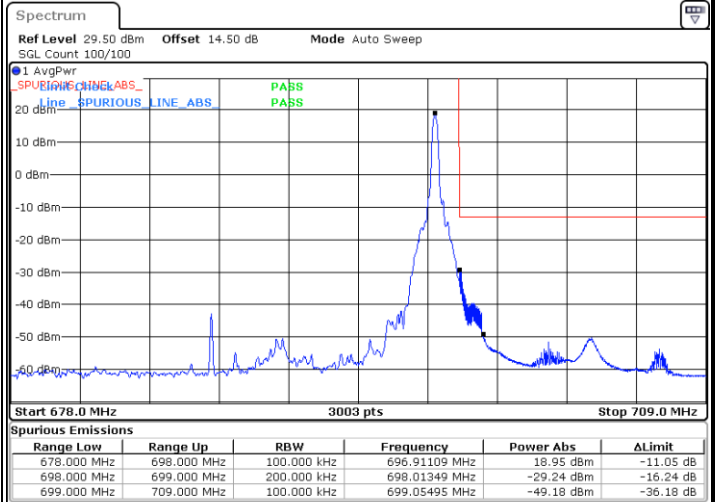
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



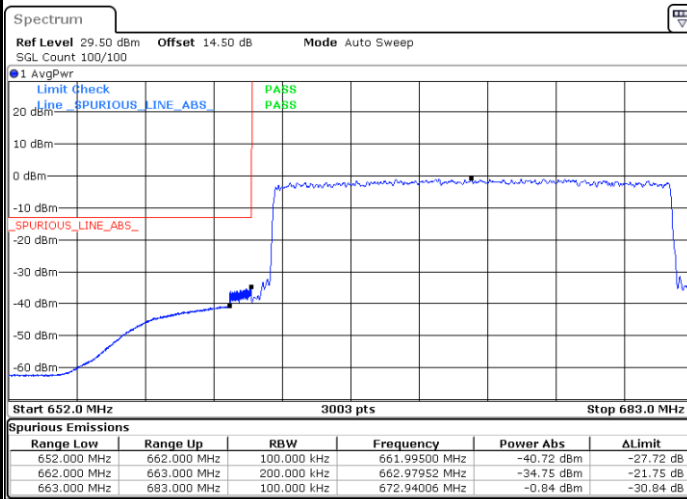
Date: 29.APR.2022 14:00:44

Highest Band Edge / 1RB



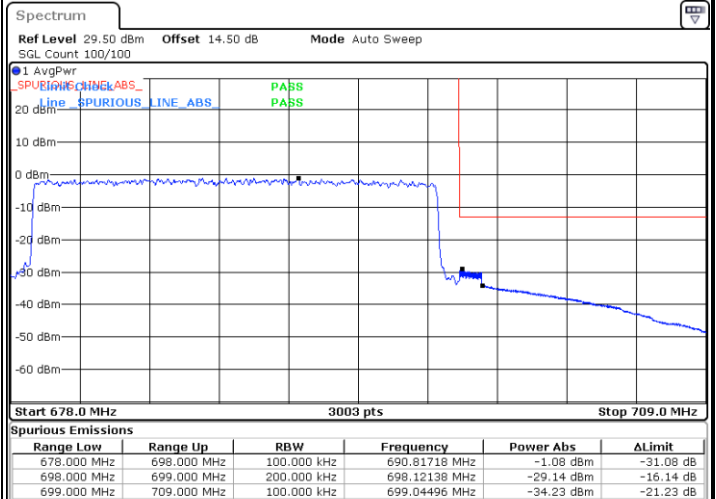
Date: 29.APR.2022 14:14:05

Lowest Band Edge / Full RB



Date: 29.APR.2022 14:03:29

Highest Band Edge / Full RB

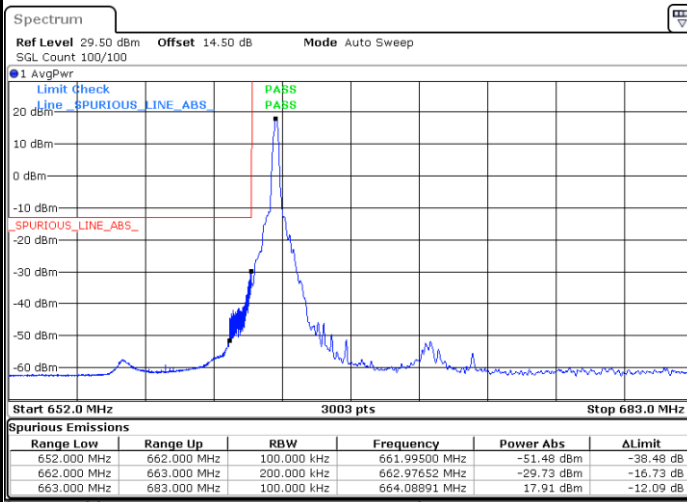


Date: 29.APR.2022 14:15:28



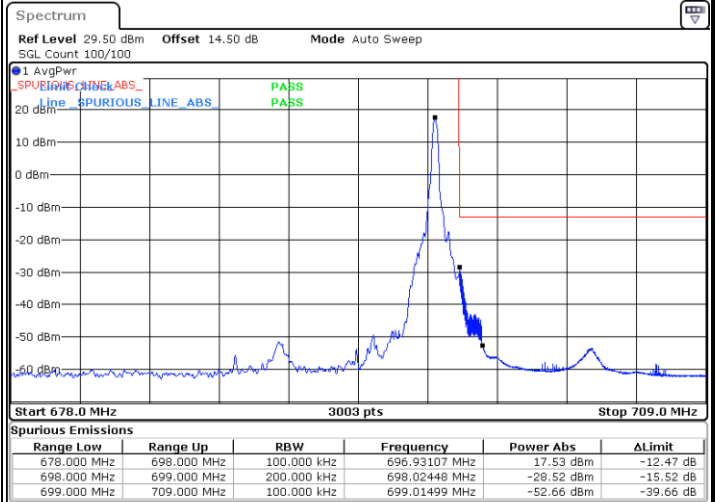
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



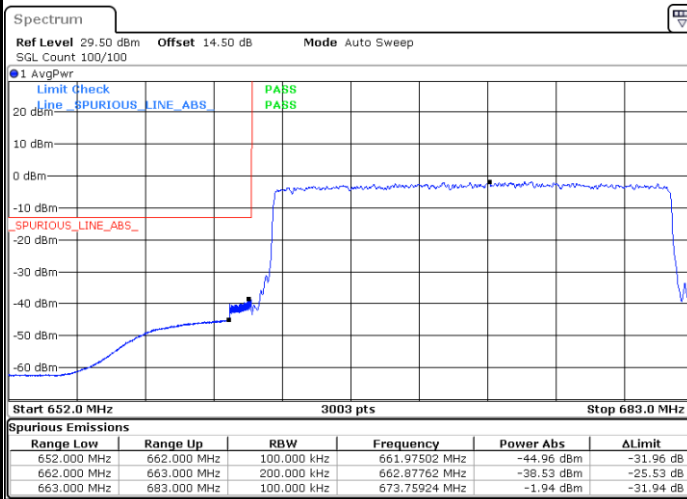
Date: 29.APR.2022 14:21:15

Highest Band Edge / 1 RB



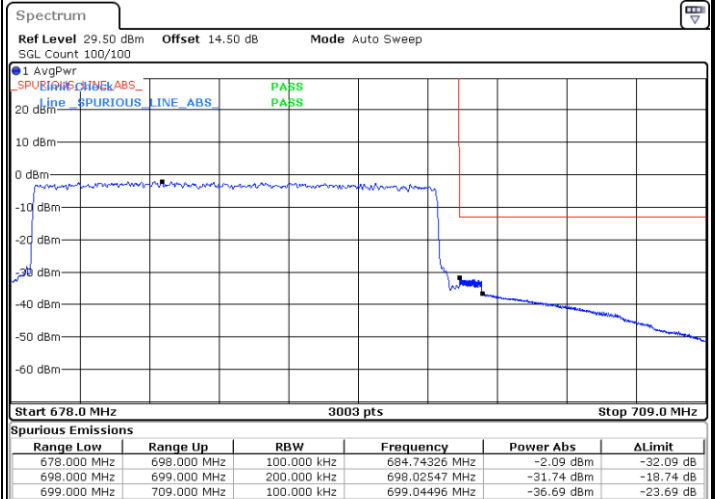
Date: 29.APR.2022 14:27:39

Lowest Band Edge / Full RB



Date: 29.APR.2022 14:22:38

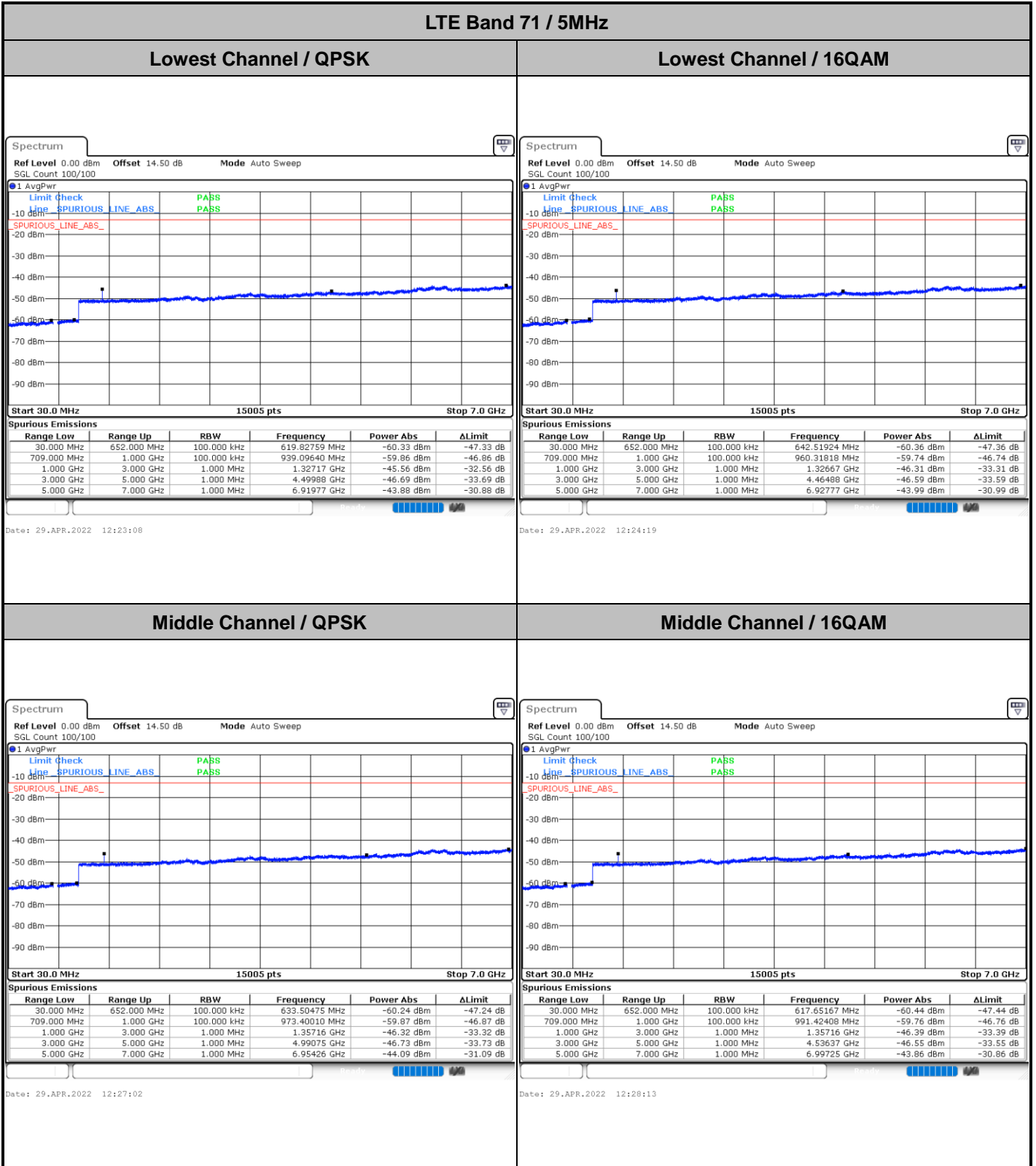
Highest Band Edge / Full RB



Date: 29.APR.2022 14:29:02



# Conducted Spurious Emission

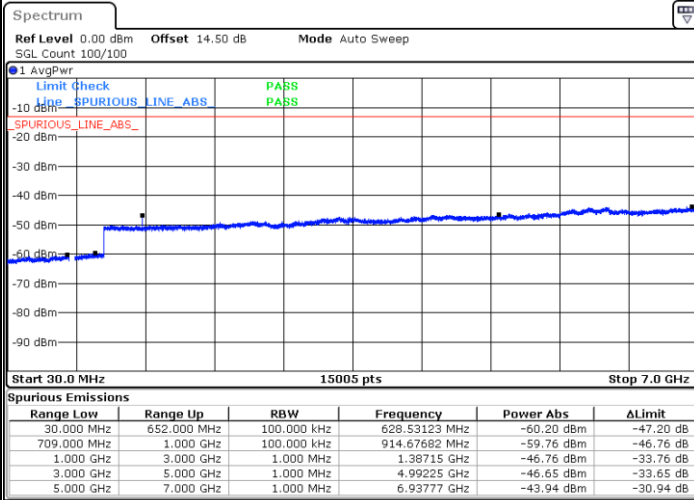




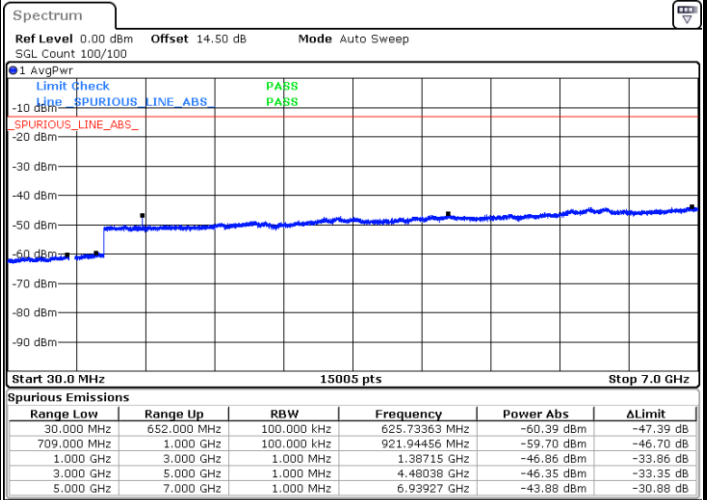
LTE Band 71 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.APR.2022 12:36:31

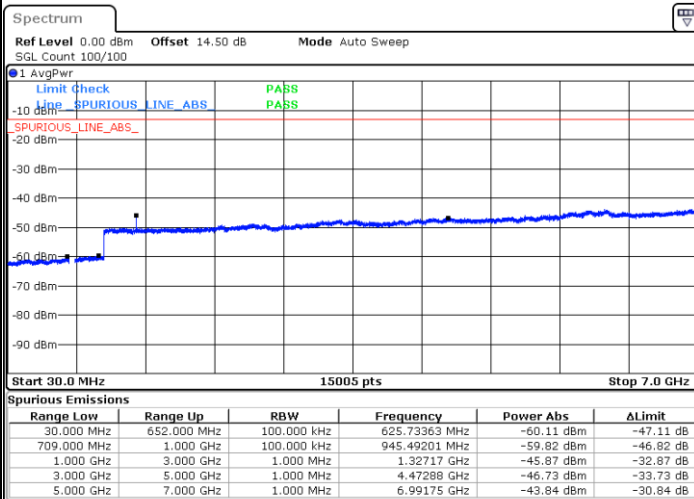


Date: 29.APR.2022 12:37:43

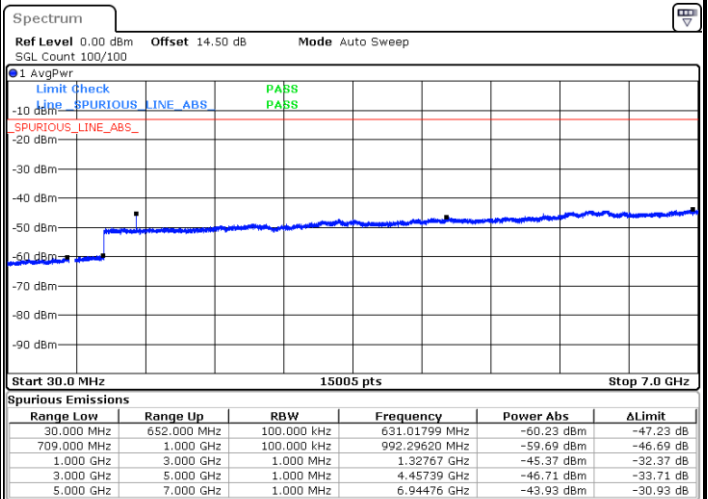
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 29.APR.2022 12:57:01



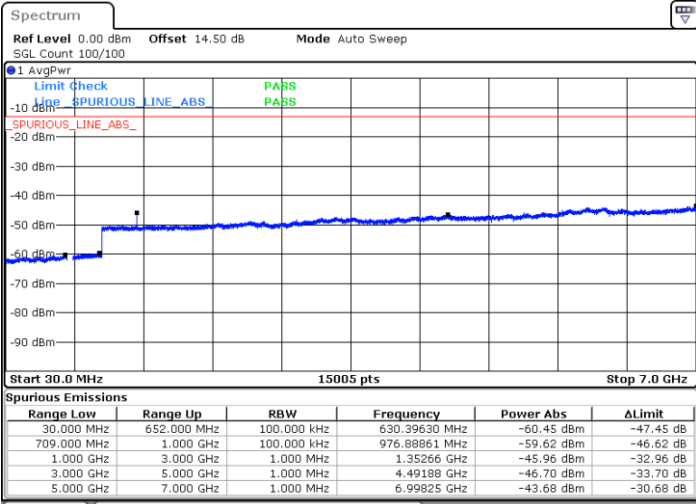
Date: 29.APR.2022 12:58:12



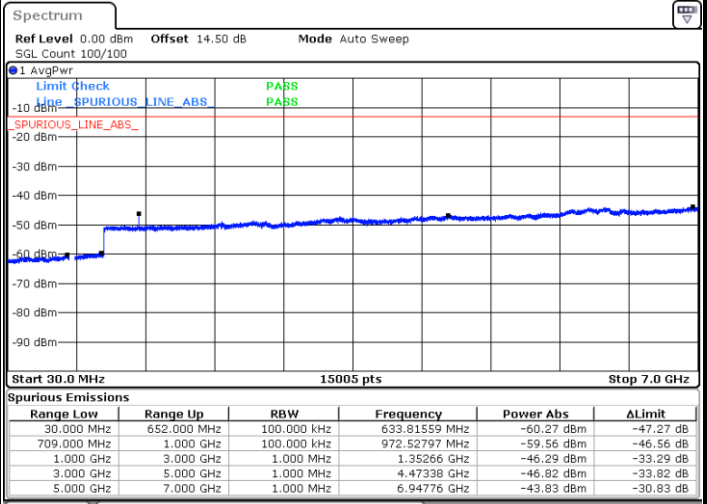
LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



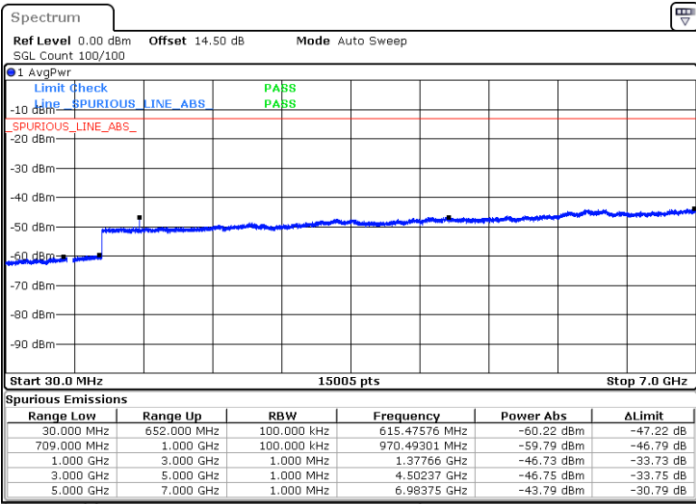
Date: 29.APR.2022 13:00:56



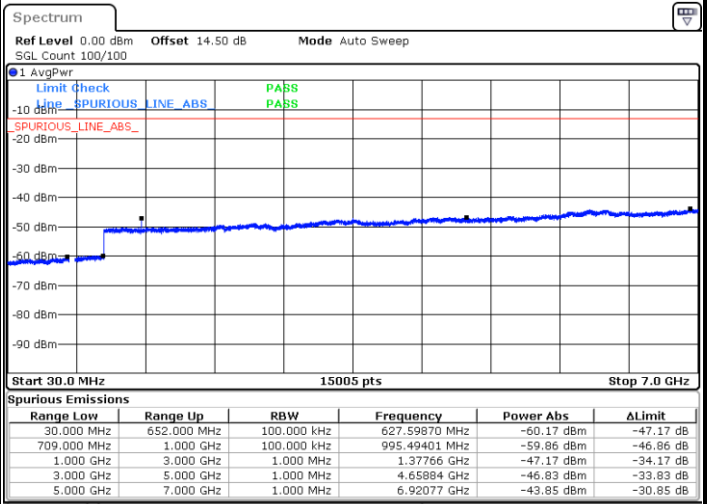
Date: 29.APR.2022 13:02:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.APR.2022 13:10:23



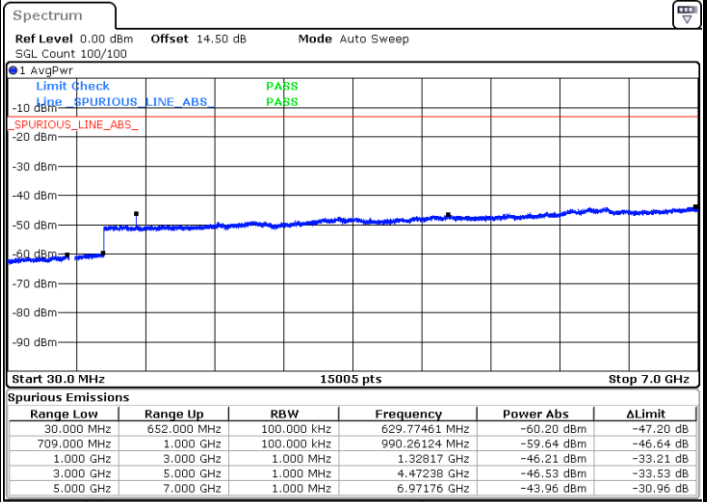
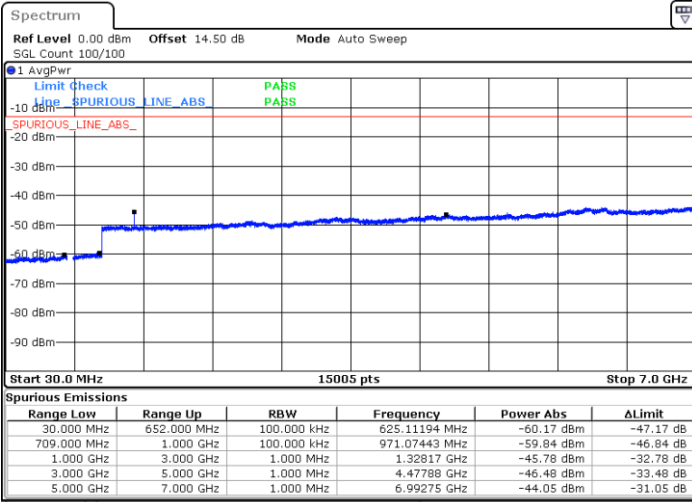
Date: 29.APR.2022 13:11:34



LTE Band 71 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

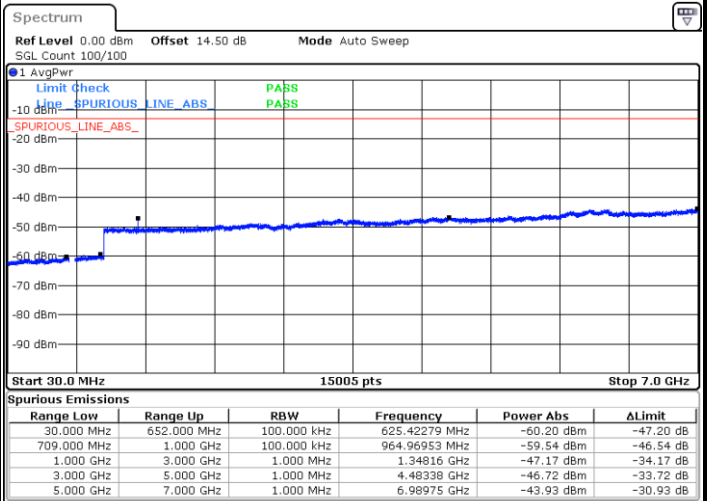
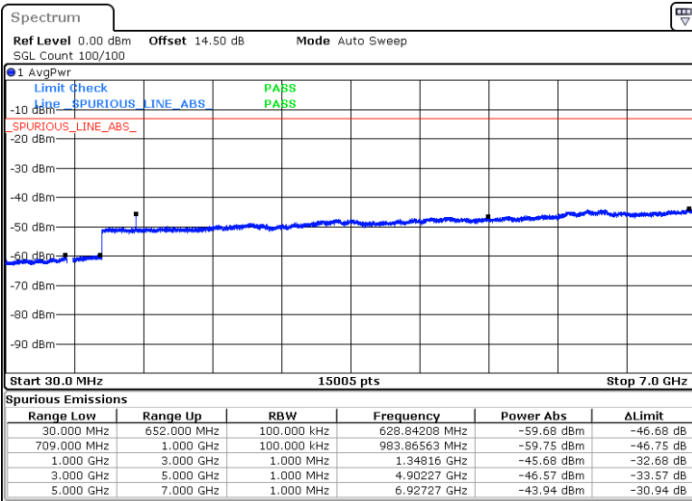


Date: 29.APR.2022 13:30:51

Date: 29.APR.2022 13:32:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29.APR.2022 13:34:46

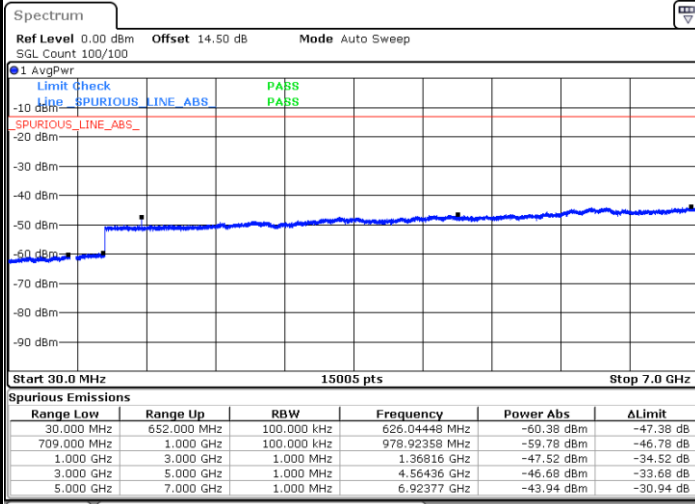
Date: 29.APR.2022 13:35:57





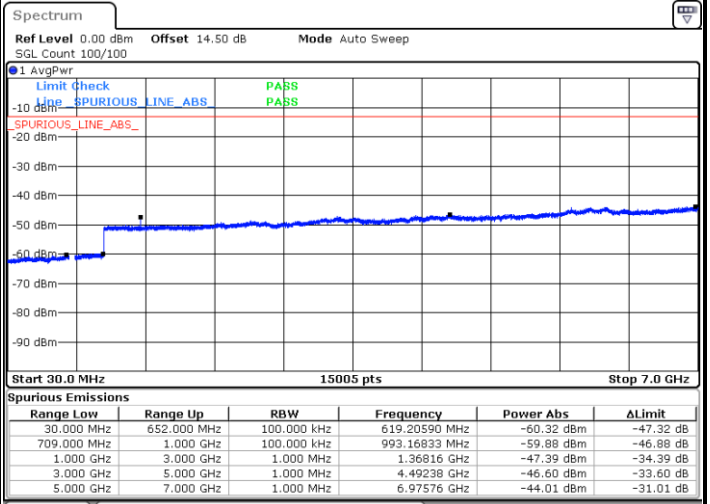
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 29.APR.2022 13:44:14

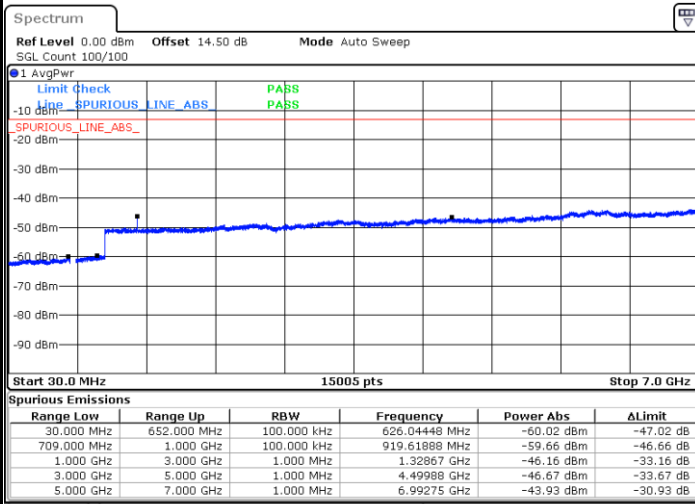
Highest Channel / 16QAM



Date: 29.APR.2022 13:45:25

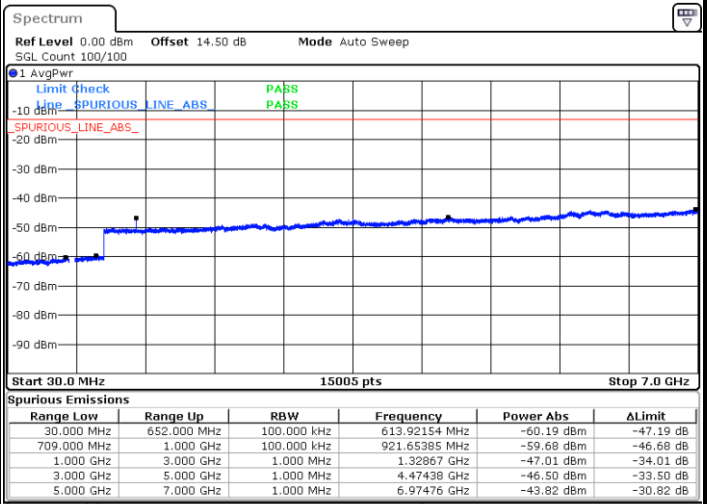
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 29.APR.2022 14:04:40

Lowest Channel / 16QAM



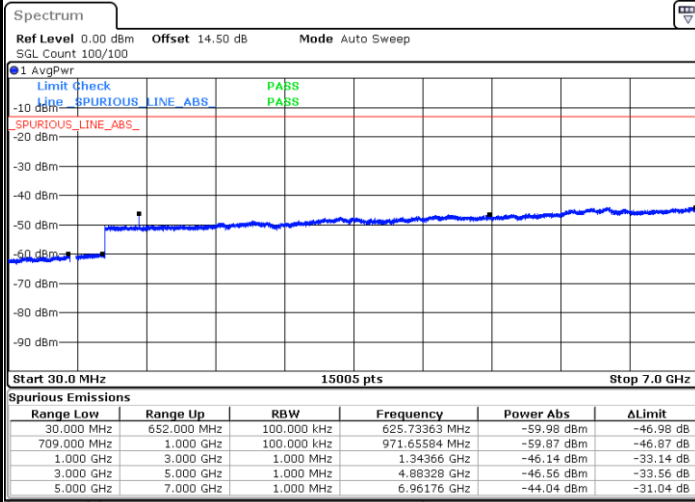
Date: 29.APR.2022 14:05:52



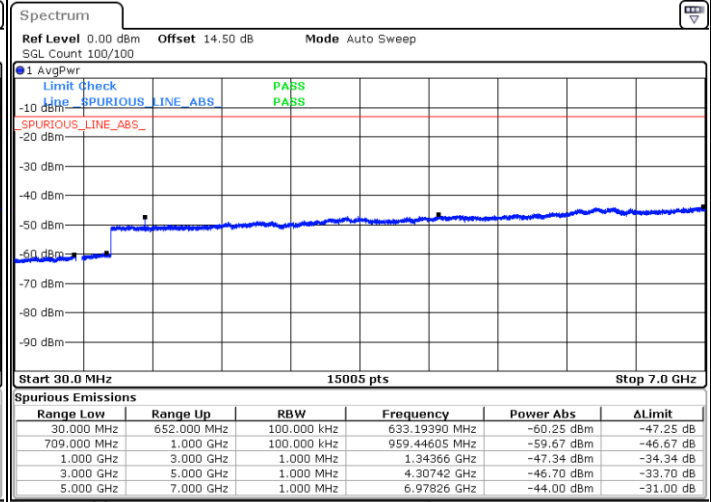
LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



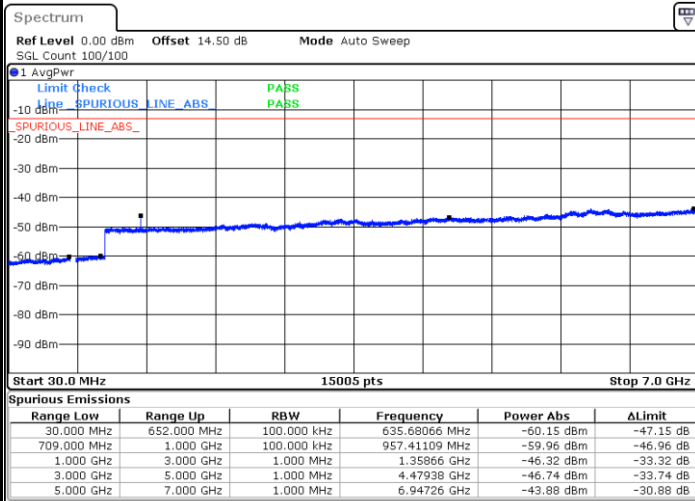
Date: 29.APR.2022 14:08:35



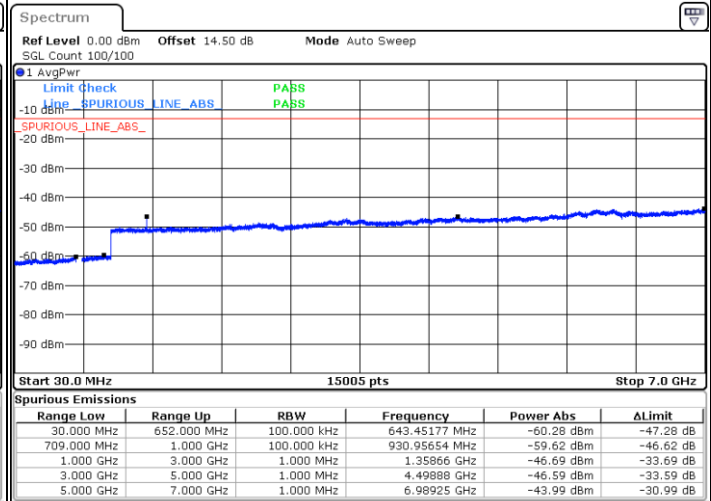
Date: 29.APR.2022 14:09:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.APR.2022 14:18:03



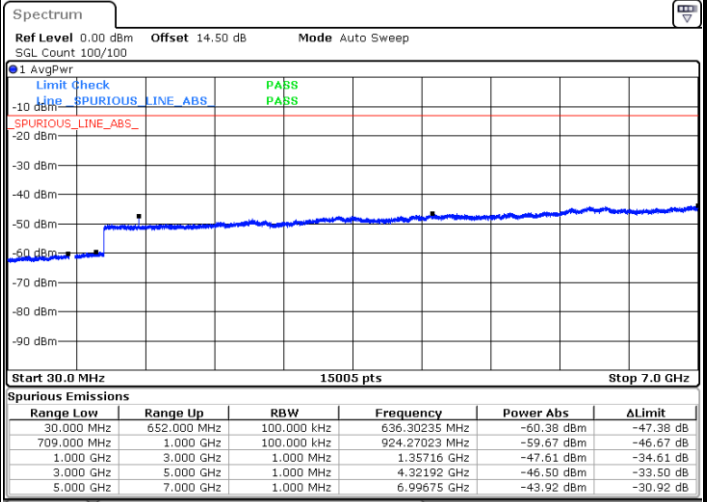
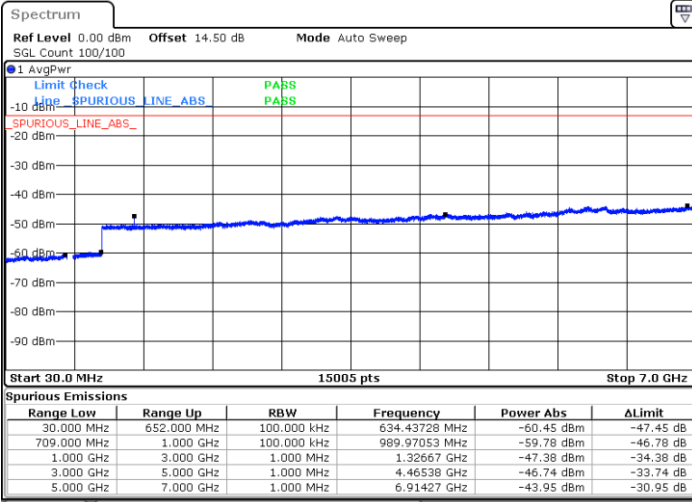
Date: 29.APR.2022 14:19:14



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

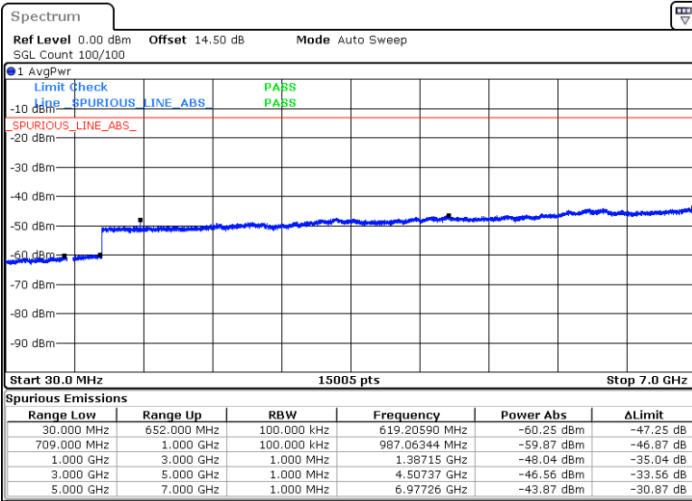
Middle Channel / 64QAM



Date: 29.APR.2022 12:42:19

Date: 29.APR.2022 12:44:08

Highest Channel / 64QAM



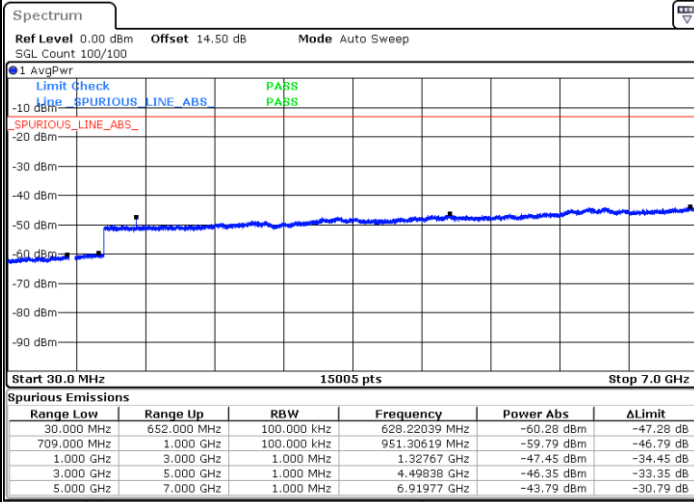
Date: 29.APR.2022 12:48:43



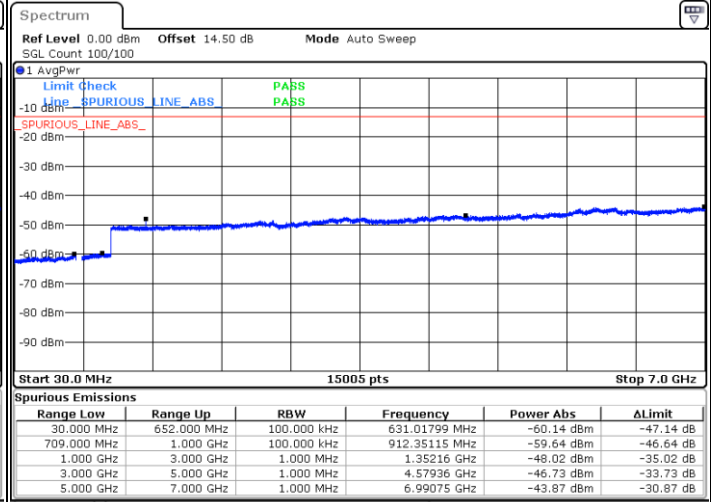
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

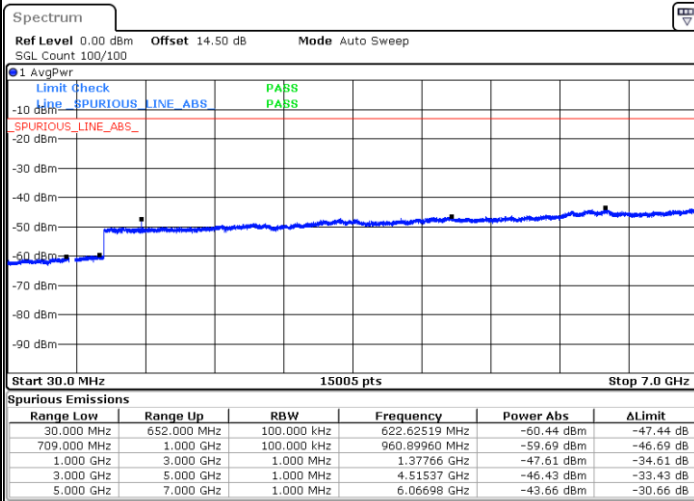


Date: 29.APR.2022 13:16:08



Date: 29.APR.2022 13:17:58

Highest Channel / 64QAM



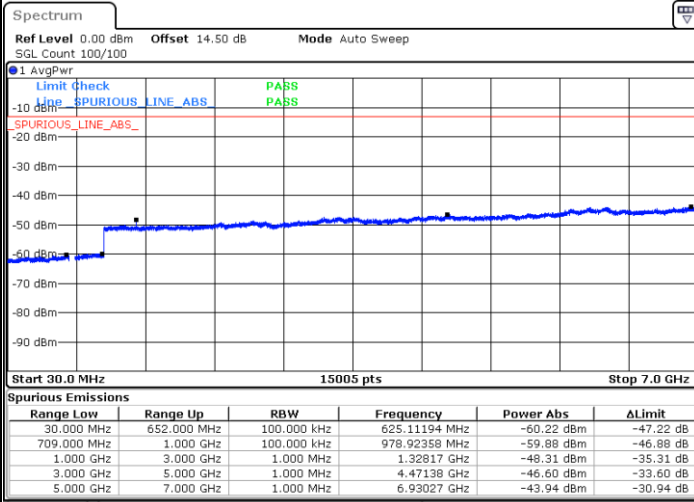
Date: 29.APR.2022 13:22:32



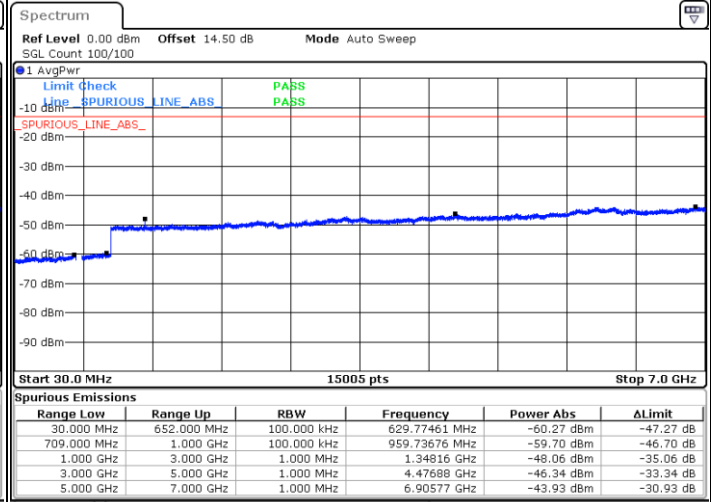
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

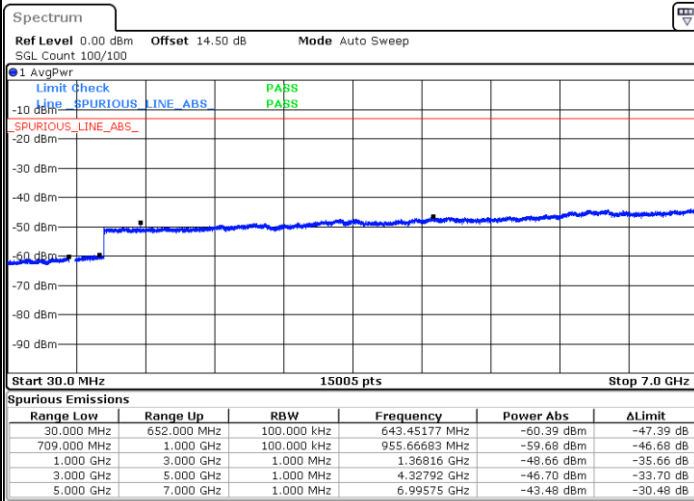


Date: 29.APR.2022 13:50:00



Date: 29.APR.2022 13:51:48

Highest Channel / 64QAM



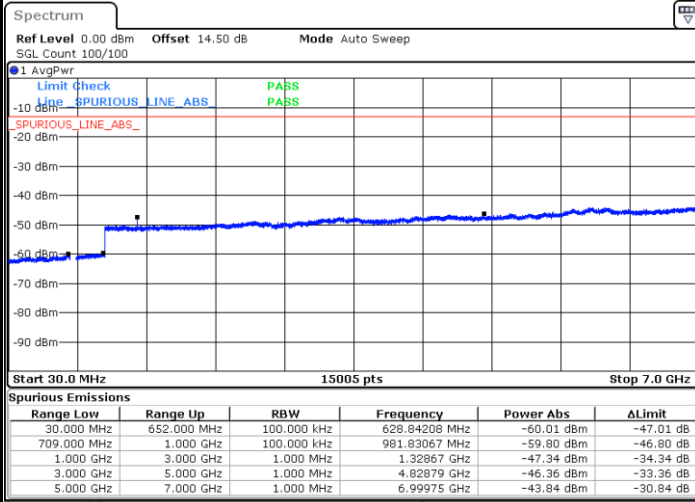
Date: 29.APR.2022 13:56:22



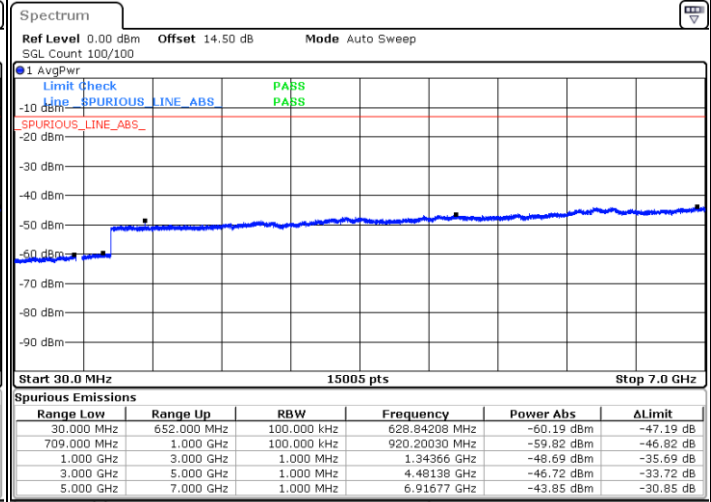
LTE Band 71 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

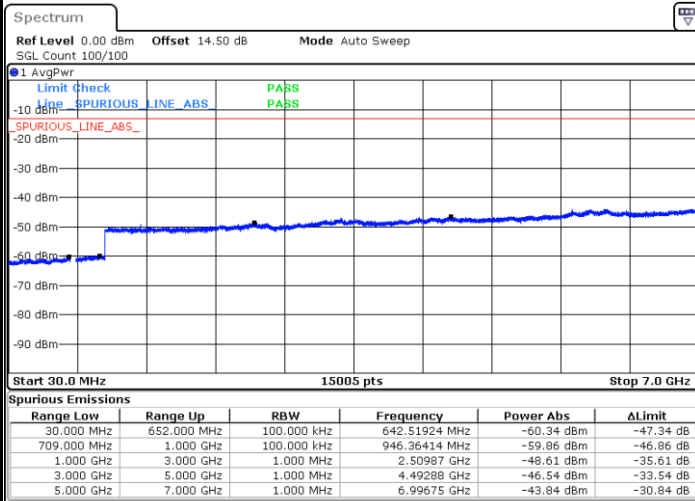


Date: 29.APR.2022 14:23:50



Date: 29.APR.2022 14:25:38

Highest Channel / 64QAM



Date: 29.APR.2022 14:30:13



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0027	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.35 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	40~42%

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

LTE Band 12 / 10MHz / QPSK(Ant.1)								
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	-67.74	-13	-54.74	-74.71	1.58	10.70	H
	2096	-60.86	-13	-47.86	-69.11	2.102	12.50	H
	2800	-59.31	-13	-46.31	-68.20	2.856	13.90	H
	1400	-66.81	-13	-53.81	-73.78	1.58	10.70	V
	2096	-58.53	-13	-45.53	-66.78	2.10	12.50	V
	2800	-59.71	-13	-46.71	-68.60	2.86	13.90	V
Middle	1408	-66.71	-13	-53.71	-73.68	1.58	10.70	H
	2112	-61.60	-13	-48.60	-69.85	2.102	12.50	H
	2808	-59.45	-13	-46.45	-68.34	2.856	13.90	H
	1408	-65.49	-13	-52.49	-72.46	1.58	10.70	V
	2112	-58.56	-13	-45.56	-66.81	2.10	12.50	V
	2808	-59.15	-13	-46.15	-68.04	2.86	13.90	V
Highest	1416	-67.37	-13	-54.37	-74.34	1.58	10.70	H
	2120	-60.22	-13	-47.22	-68.47	2.102	12.50	H
	2824	-59.65	-13	-46.65	-68.54	2.856	13.90	H
	1416	-67.20	-13	-54.20	-74.17	1.58	10.70	V
	2120	-58.05	-13	-45.05	-66.30	2.10	12.50	V
	2824	-59.50	-13	-46.50	-68.39	2.86	13.90	V

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





LTE Band 25 / 20MHz / QPSK(Ant.2)								
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	3705	-56.71	-13	-43.71	-68.97	2.64	14.90	H
	5550	-55.34	-13	-42.34	-67.20	2.94	14.80	H
	7410	-52.38	-13	-39.38	-62.15	3.39	13.16	H
	3705	-57.08	-13	-44.08	-69.34	2.64	14.90	V
	5550	-54.90	-13	-41.90	-66.76	2.94	14.80	V
	7410	-52.95	-13	-39.95	-62.72	3.39	13.16	V
Middle	3471	-58.04	-13	-45.04	-70.30	2.64	14.90	H
	5613	-54.02	-13	-41.02	-65.88	2.94	14.80	H
	7488	-52.18	-13	-39.18	-61.95	3.39	13.16	H
	3471	-58.72	-13	-45.72	-70.98	2.64	14.90	V
	5613	-54.92	-13	-41.92	-66.78	2.94	14.80	V
	7488	-52.67	-13	-39.67	-62.44	3.39	13.16	V
Highest	3795	-56.89	-13	-43.89	-69.15	2.64	14.90	H
	5685	-54.75	-13	-41.75	-66.61	2.94	14.80	H
	7590	-52.51	-13	-39.51	-62.28	3.39	13.16	H
	3795	-56.77	-13	-43.77	-69.03	2.64	14.90	V
	5685	-54.91	-13	-41.91	-66.77	2.94	14.80	V
	7590	-52.44	-13	-39.44	-62.21	3.39	13.16	V

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



LTE Band 26 / 15MHz / QPSK(Ant.1)								
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	1648	-64.12	-13	-51.12	-71.09	1.58	10.70	H
	2472	-51.06	-13	-38.06	-59.31	2.102	12.50	H
	3296	-59.64	-13	-46.64	-68.53	2.856	13.90	H
	1648	-62.56	-13	-49.56	-69.53	1.58	10.70	V
	2472	-49.05	-13	-36.05	-57.30	2.10	12.50	V
	3296	-59.56	-13	-46.56	-68.45	2.86	13.90	V
Middle	1656	-64.37	-13	-51.37	-71.34	1.58	10.70	H
	2488	-51.48	-13	-38.48	-59.73	2.102	12.50	H
	3320	-59.31	-13	-46.31	-68.20	2.856	13.90	H
	1656	-63.17	-13	-50.17	-70.14	1.58	10.70	V
	2488	-48.71	-13	-35.71	-56.96	2.10	12.50	V
	3320	-59.67	-13	-46.67	-68.56	2.86	13.90	V
Highest	1672	-64.67	-13	-51.67	-71.64	1.58	10.70	H
	2504	-49.08	-13	-36.08	-57.33	2.102	12.50	H
	3336	-59.54	-13	-46.54	-68.43	2.856	13.90	H
	1672	-63.53	-13	-50.53	-70.50	1.58	10.70	V
	2504	-47.68	-13	-34.68	-55.93	2.10	12.50	V
	3336	-59.38	-13	-46.38	-68.27	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK(Ant.2)								
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	3420	-57.99	-13	-44.99	-68.73	2.604	13.34	H
	5130	-54.94	-13	-41.94	-65.45	3.011	13.52	H
	6840	-54.27	-13	-41.27	-64.47	3.271	13.47	H
	3420	-57.95	-13	-44.95	-68.69	2.604	13.34	V
	5130	-54.71	-13	-41.71	-65.22	3.011	13.52	V
	6840	-54.74	-13	-41.74	-64.94	3.271	13.47	V
Middle	3465	-57.74	-13	-44.74	-68.48	2.604	13.34	H
	5205	-54.62	-13	-41.62	-65.13	3.011	13.52	H
	6945	-53.90	-13	-40.90	-64.10	3.271	13.47	H
	3465	-58.34	-13	-45.34	-69.08	2.604	13.34	V
	5205	-54.36	-13	-41.36	-64.87	3.011	13.52	V
	6945	-54.04	-13	-41.04	-64.24	3.271	13.47	V
Highest	3525	-56.83	-13	-43.83	-67.57	2.604	13.34	H
	5280	-54.55	-13	-41.55	-65.06	3.011	13.52	H
	7050	-53.77	-13	-40.77	-63.97	3.271	13.47	H
	3525	-57.65	-13	-44.65	-68.39	2.604	13.34	V
	5280	-54.26	-13	-41.26	-64.77	3.011	13.52	V
	7050	-53.61	-13	-40.61	-63.81	3.271	13.47	V

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



LTE Band 71 / 20MHz / QPSK(Ant.1)								
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	-67.41	-13	-54.41	-69.16	1.02	4.92	H
	1992	-60.27	-13	-47.27	-62.24	1.27	5.39	H
	2656	-57.88	-13	-44.88	-60.81	1.49	6.57	H
	1328	-66.85	-13	-53.85	-68.60	1.02	4.92	V
	1992	-59.93	-13	-46.93	-61.90	1.27	5.39	V
	2656	-56.89	-13	-43.89	-59.82	1.49	6.57	V
Middle	1344	-66.60	-13	-53.60	-68.35	1.02	4.92	H
	2016	-59.78	-13	-46.78	-61.75	1.27	5.39	H
	2688	-58.25	-13	-45.25	-61.18	1.49	6.57	H
	1344	-65.58	-13	-52.58	-67.33	1.02	4.92	V
	2016	-59.41	-13	-46.41	-61.38	1.27	5.39	V
	2688	-57.77	-13	-44.77	-60.70	1.49	6.57	V
Highest	1360	-66.45	-13	-53.45	-68.20	1.02	4.92	H
	2040	-60.49	-13	-47.49	-62.46	1.27	5.39	H
	2720	-58.09	-13	-45.09	-61.02	1.49	6.57	H
	1360	-65.52	-13	-52.52	-67.27	1.02	4.92	V
	2040	-59.74	-13	-46.74	-61.71	1.27	5.39	V
	2720	-57.51	-13	-44.51	-60.44	1.49	6.57	V

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