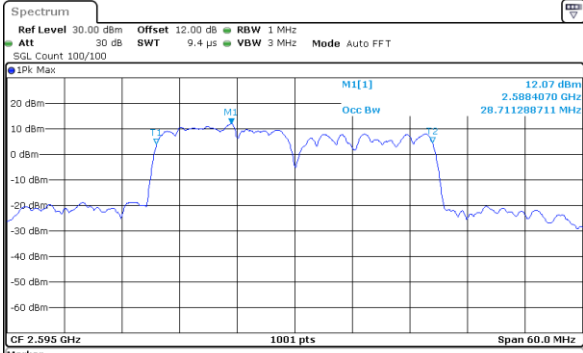




LTE Band 38C

16QAM

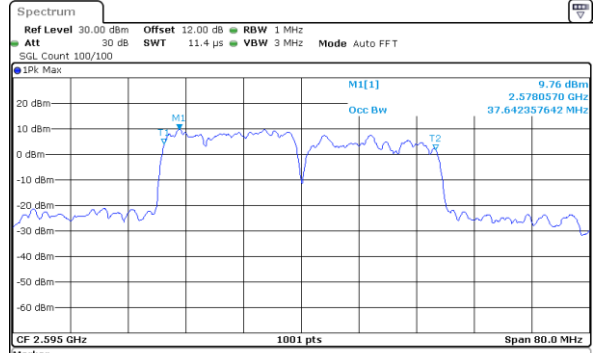
Middle Channel / 15MHz+15MHz



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.588407 GHz	12.07 dBm		
T1	1		2.5806144 GHz	4.10 dBm	Occ Bw	28.711288711 MHz
T2	1		2.6093257 GHz	4.48 dBm		

Date: 31.MAR.2021 10:22:14

Middle Channel / 20MHz+20MHz



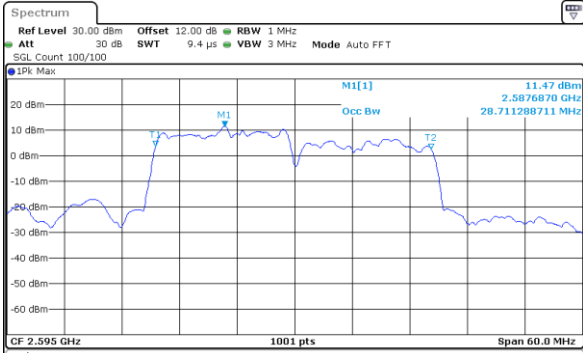
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.578057 GHz	9.76 dBm		
T1	1		2.575979 GHz	3.92 dBm	Occ Bw	37.642357642 MHz
T2	1		2.6136214 GHz	1.79 dBm		

Date: 31.MAR.2021 10:55:13

LTE Band 38C

64QAM

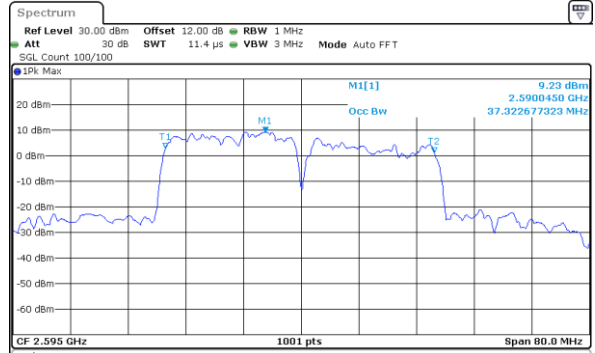
Middle Channel / 15MHz+15MHz



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.587687 GHz	11.47 dBm		
T1	1		2.5804945 GHz	3.81 dBm	Occ Bw	28.711288711 MHz
T2	1		2.6092058 GHz	2.46 dBm		

Date: 31.MAR.2021 10:22:36

Middle Channel / 20MHz+20MHz



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.590045 GHz	9.23 dBm		
T1	1		2.5761389 GHz	2.92 dBm	Occ Bw	37.322677323 MHz
T2	1		2.6134615 GHz	1.27 dBm		

Date: 31.MAR.2021 10:55:36

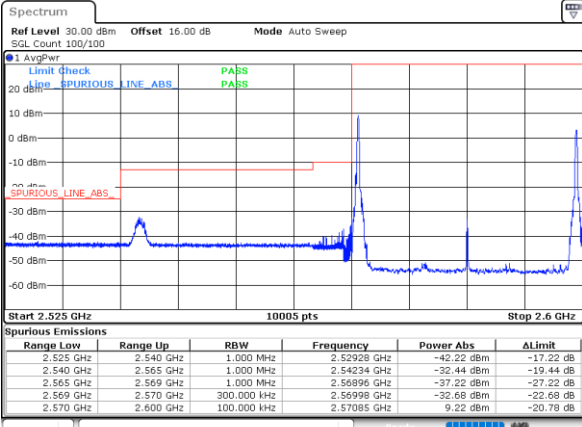


Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

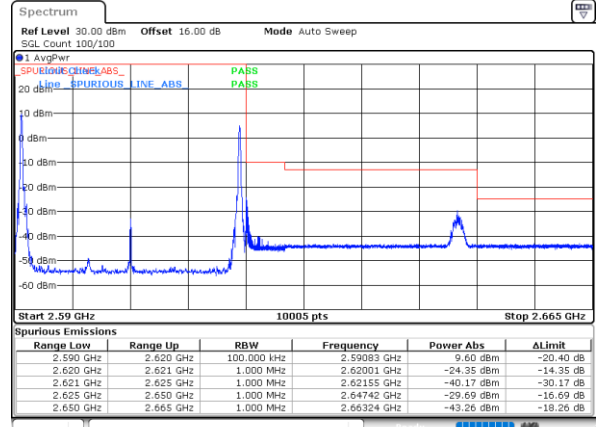
QPSK

Lowest Band Edge / 1RB0 and 1RB74



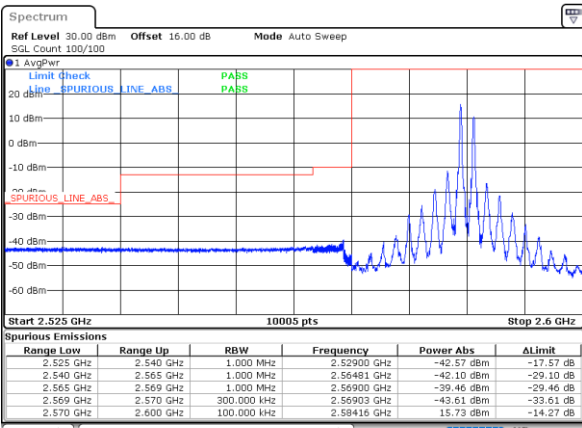
Date: 31.MAR.2021 10:13:25

Highest Band Edge / 1RB0 and 1RB74



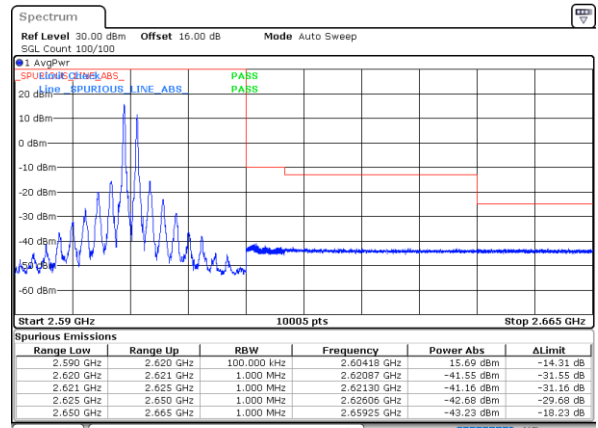
Date: 31.MAR.2021 10:27:00

Lowest Band Edge / 1RB74 and 1RB0



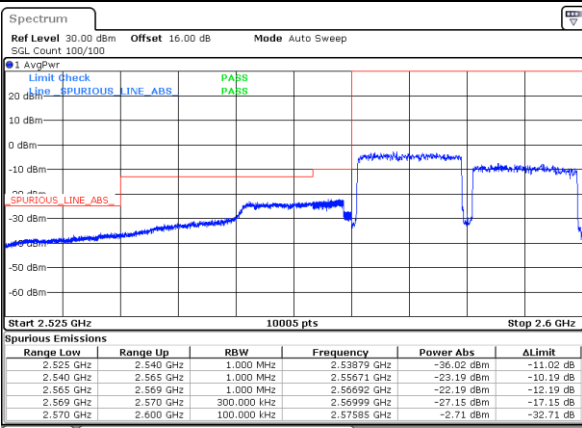
Date: 31.MAR.2021 10:14:02

Highest Band Edge / 1RB74 and 1RB0



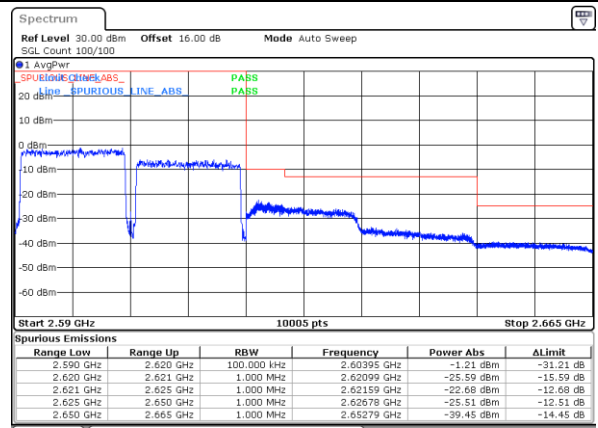
Date: 31.MAR.2021 10:29:20

Lowest Band Edge / Full RB



Date: 31.MAR.2021 10:11:18

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:26:32

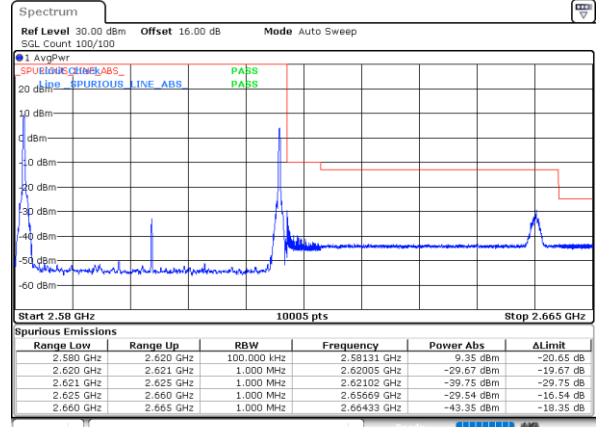
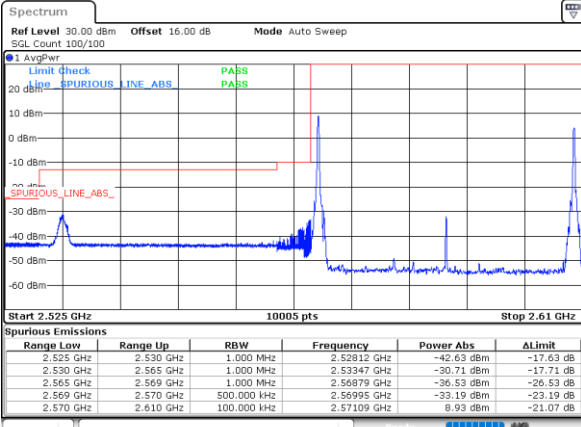


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

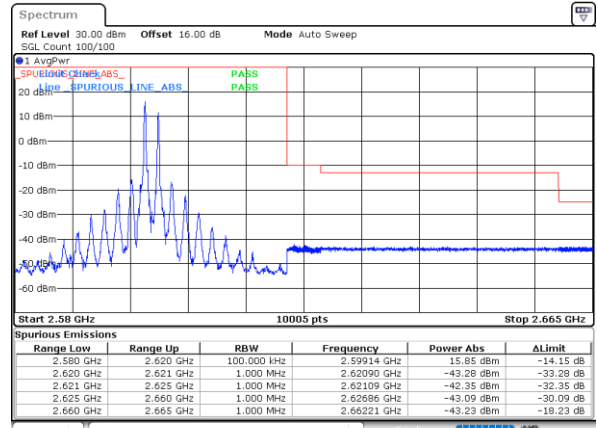
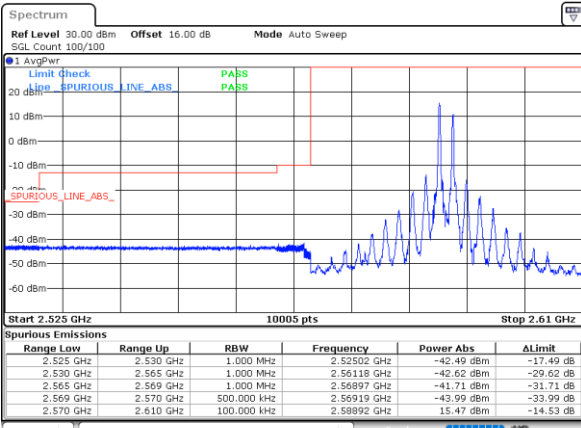


Date: 31.MAR.2021 10:40:50

Date: 31.MAR.2021 11:03:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

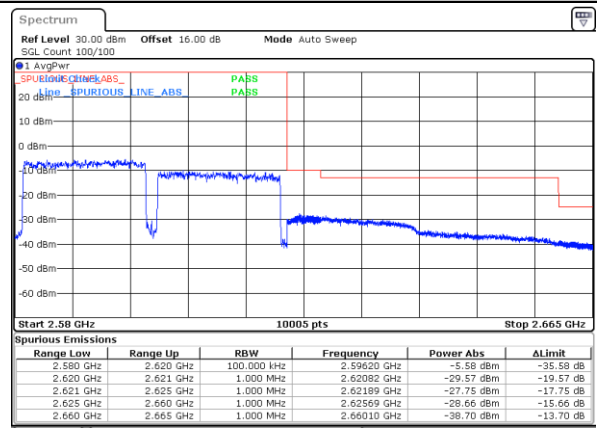
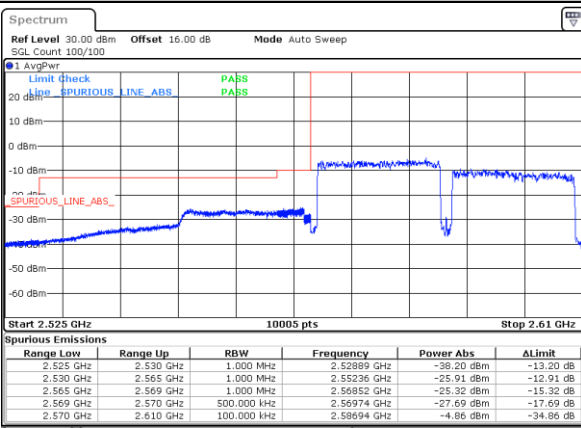


Date: 31.MAR.2021 10:41:17

Date: 31.MAR.2021 11:05:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:38:33

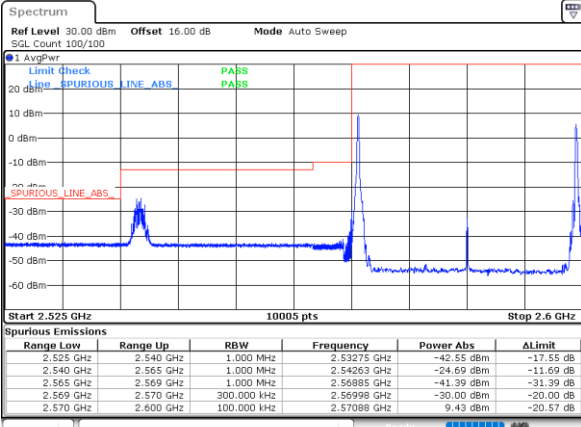
Date: 31.MAR.2021 11:03:02



LTE Band 38C / 15MHz+15MHz

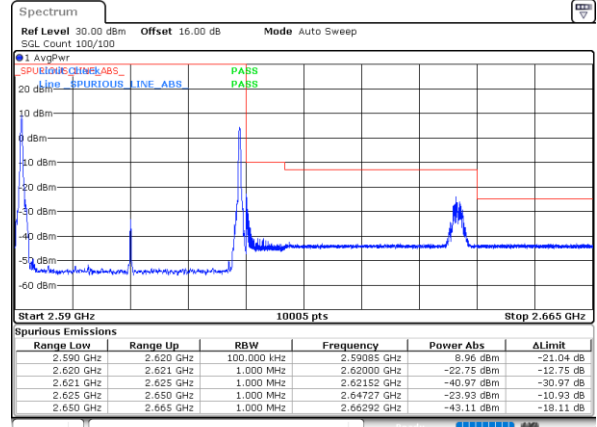
16QAM

Lowest Band Edge / 1RB0 and 1RB74



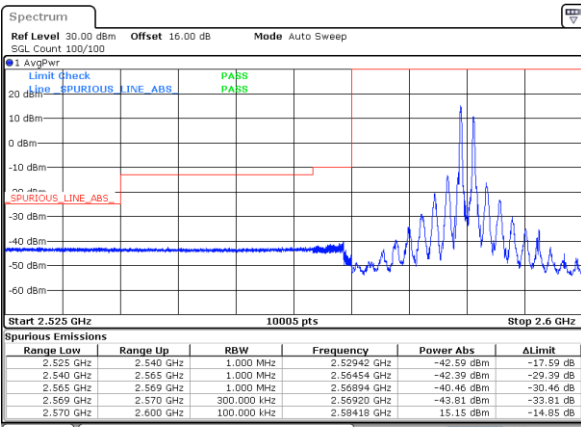
Date: 31.MAR.2021 10:13:08

Highest Band Edge / 1RB0 and 1RB74



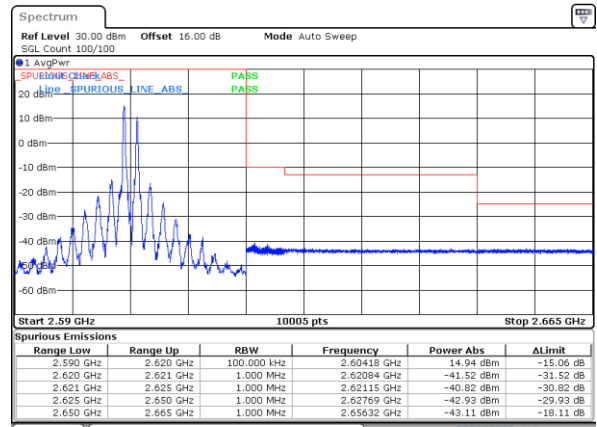
Date: 31.MAR.2021 10:27:28

Lowest Band Edge / 1RB74 and 1RB0



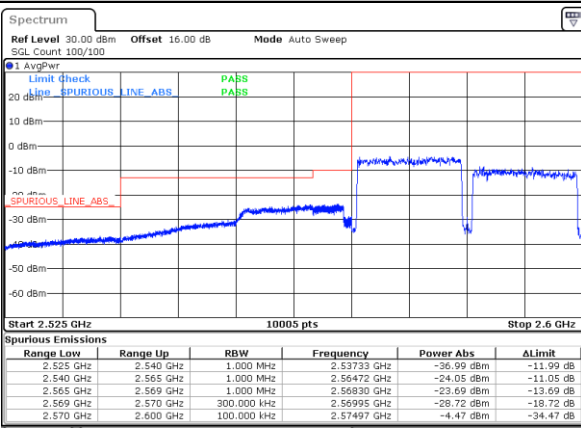
Date: 31.MAR.2021 10:14:30

Highest Band Edge / 1RB74 and 1RB0



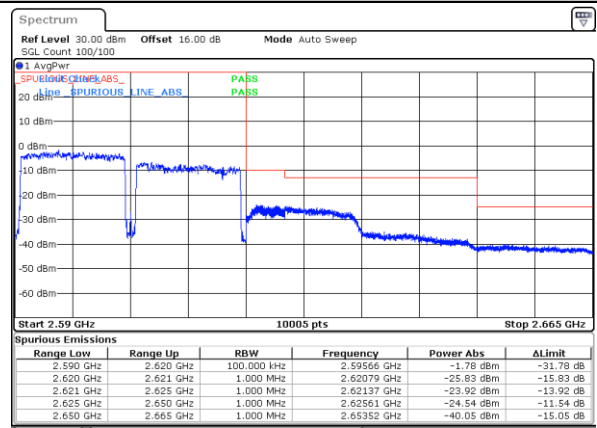
Date: 31.MAR.2021 10:28:52

Lowest Band Edge / Full RB



Date: 31.MAR.2021 10:11:45

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:26:04

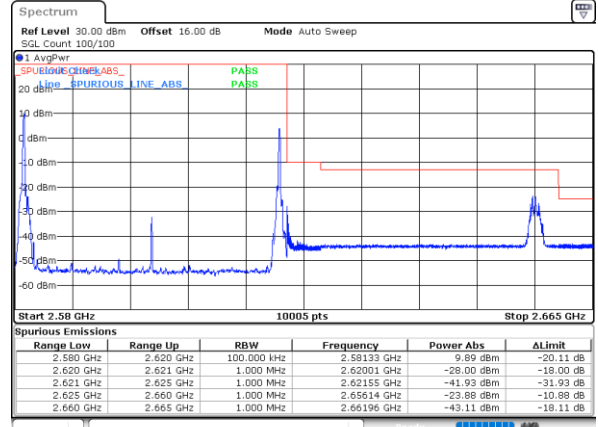
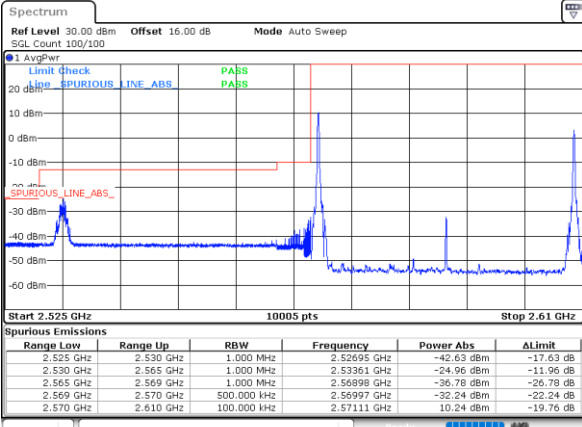


LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

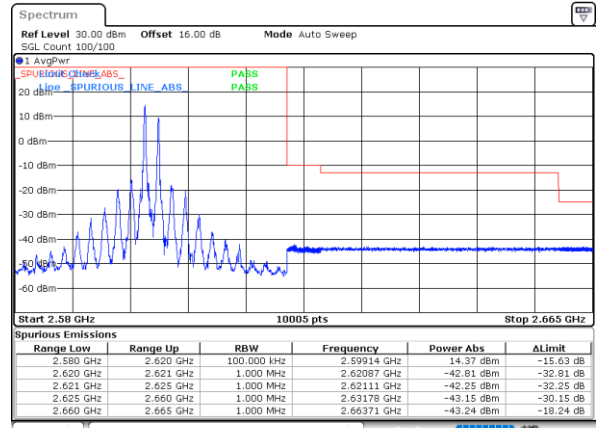
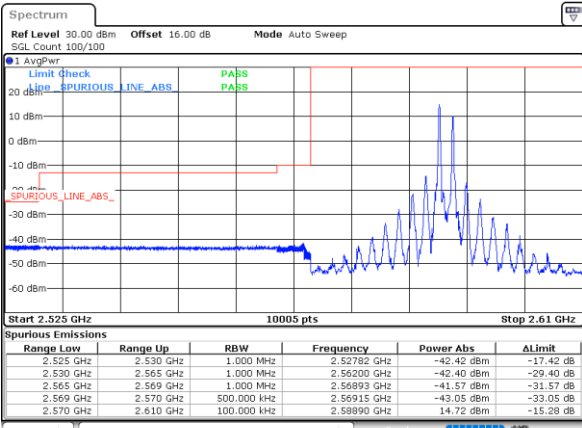


Date: 31.MAR.2021 10:40:22

Date: 31.MAR.2021 11:03:59

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

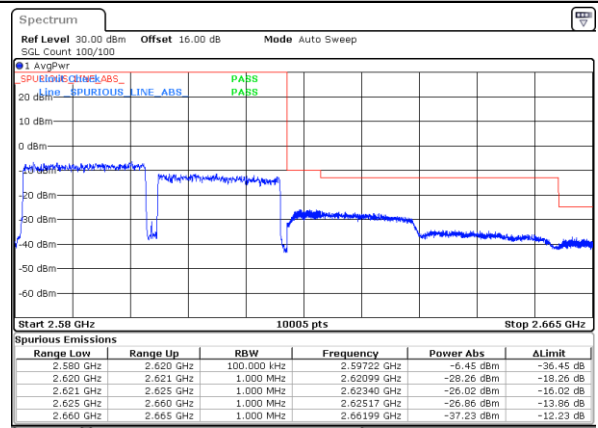
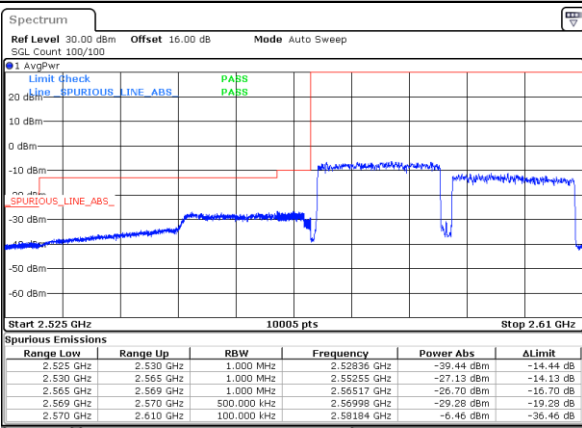


Date: 31.MAR.2021 10:41:44

Date: 31.MAR.2021 11:05:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:39:00

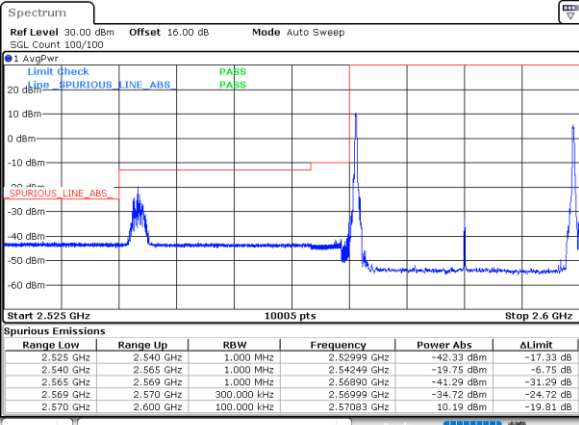
Date: 31.MAR.2021 11:02:34



LTE Band 38C / 15MHz+15MHz

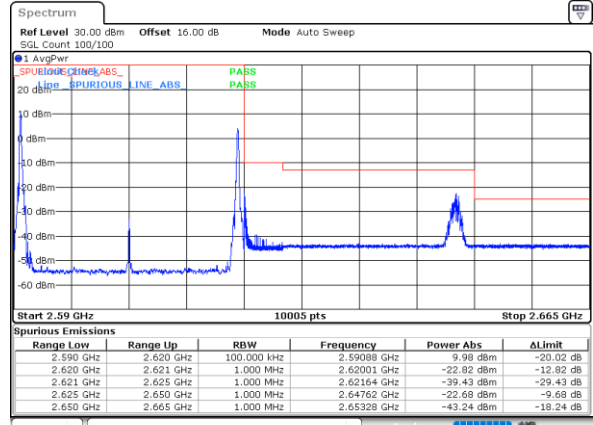
64QAM

Lowest Band Edge / 1RB0 and 1RB74



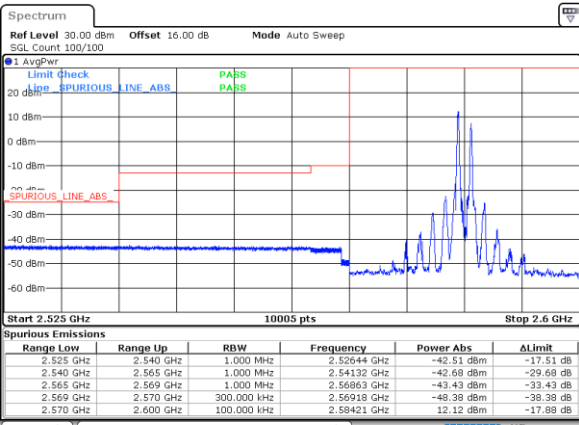
Date: 31.MAR.2021 10:12:40

Highest Band Edge / 1RB0 and 1RB74



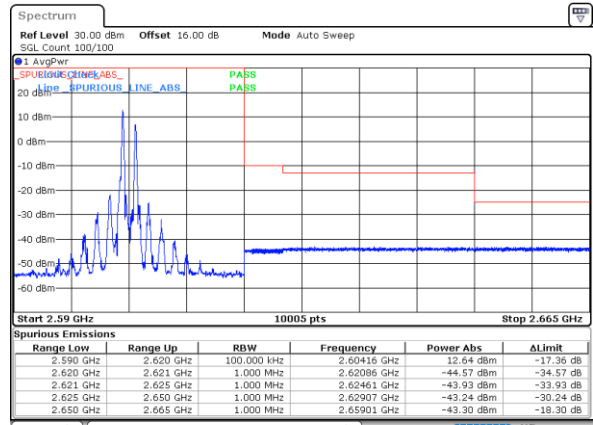
Date: 31.MAR.2021 10:27:56

Lowest Band Edge / 1RB74 and 1RB0



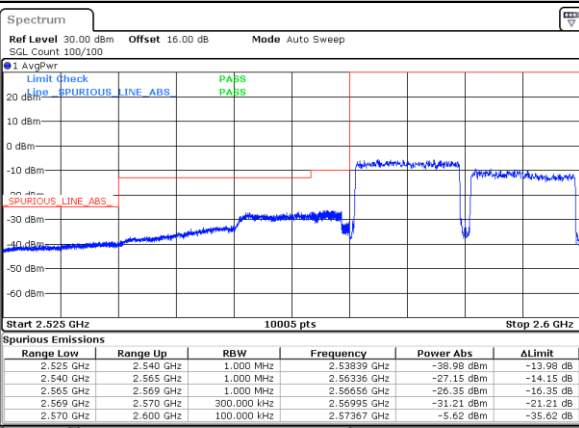
Date: 31.MAR.2021 10:14:57

Highest Band Edge / 1RB74 and 1RB0



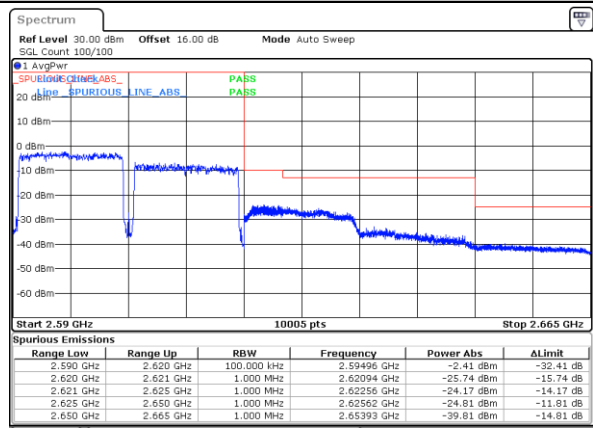
Date: 31.MAR.2021 10:28:24

Lowest Band Edge / Full RB



Date: 31.MAR.2021 10:12:13

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:25:36

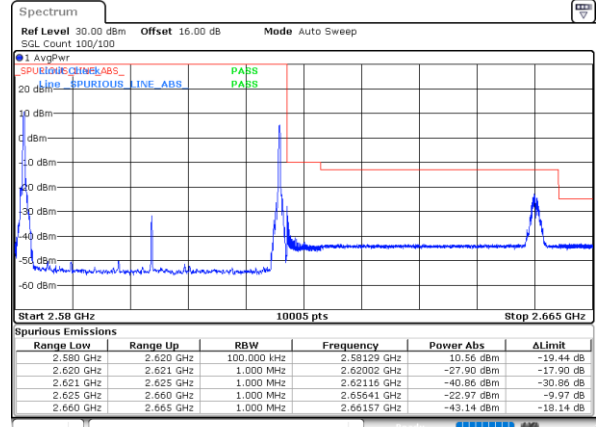
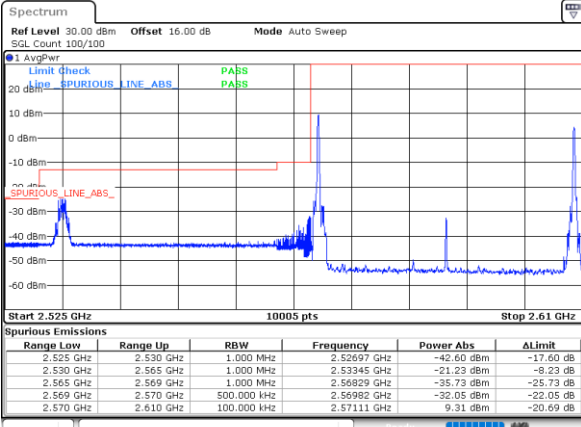


LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

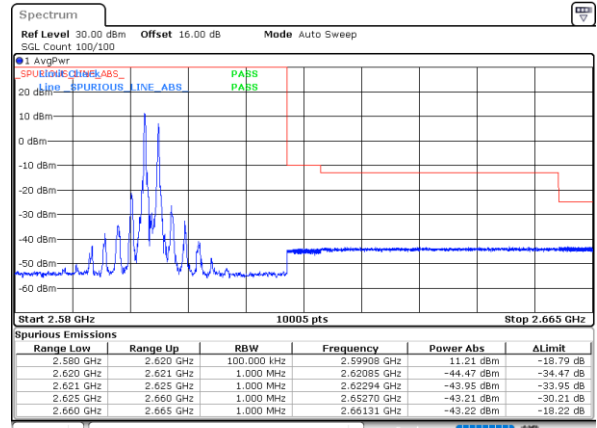
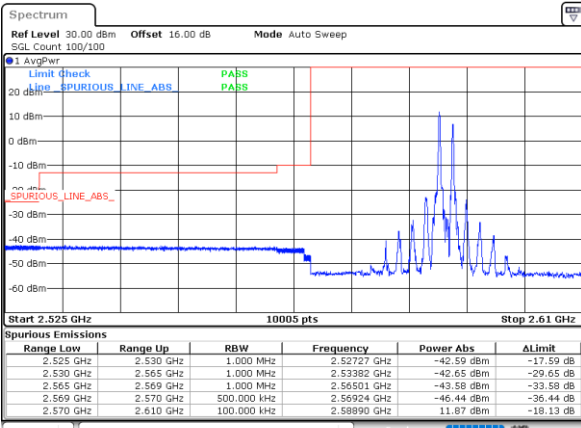


Date: 31.MAR.2021 10:39:55

Date: 31.MAR.2021 11:04:27

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

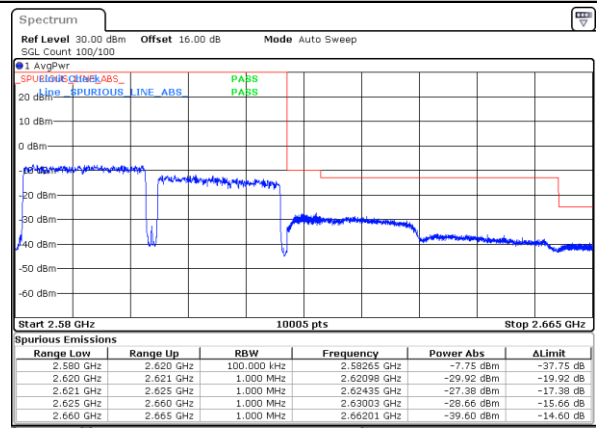
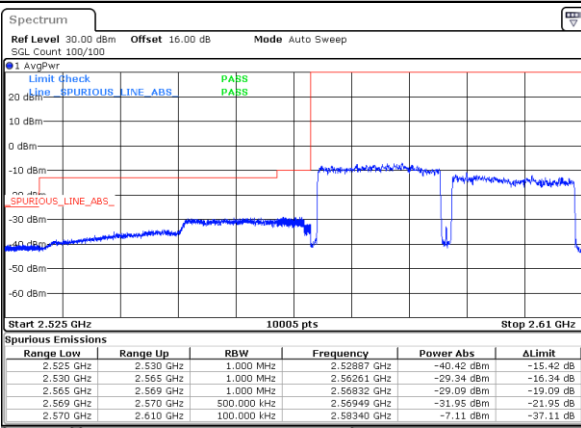


Date: 31.MAR.2021 10:42:11

Date: 31.MAR.2021 11:04:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAR.2021 10:39:27

Date: 31.MAR.2021 11:02:06



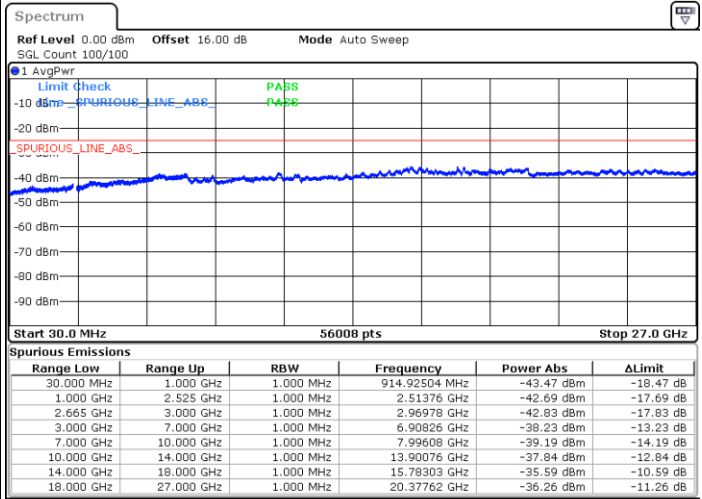
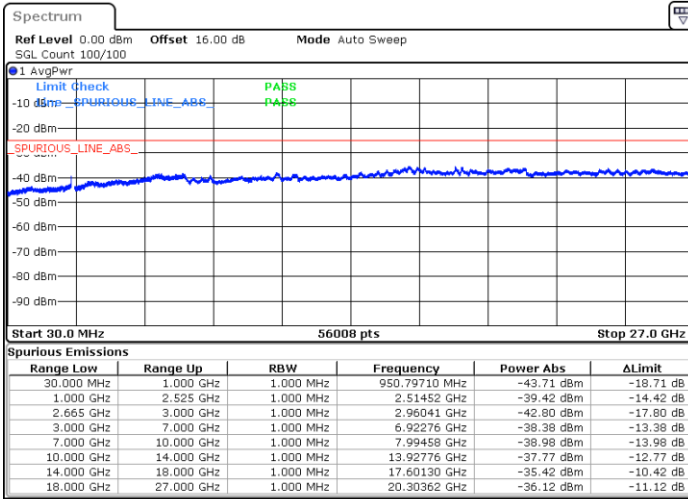
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



Date: 31.MAR.2021 10:17:03

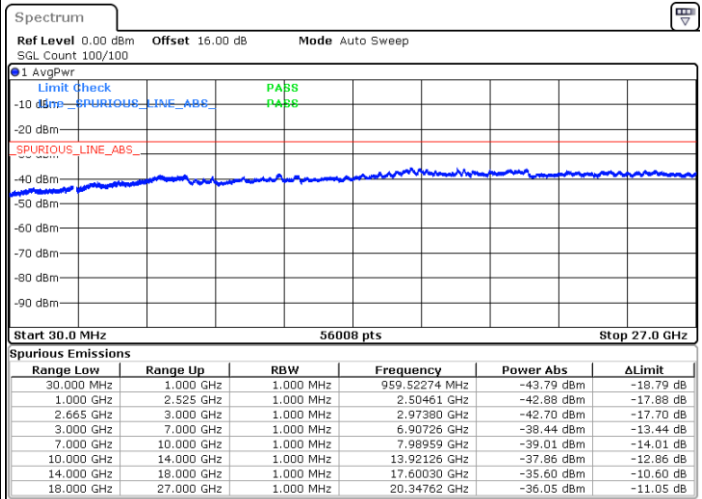
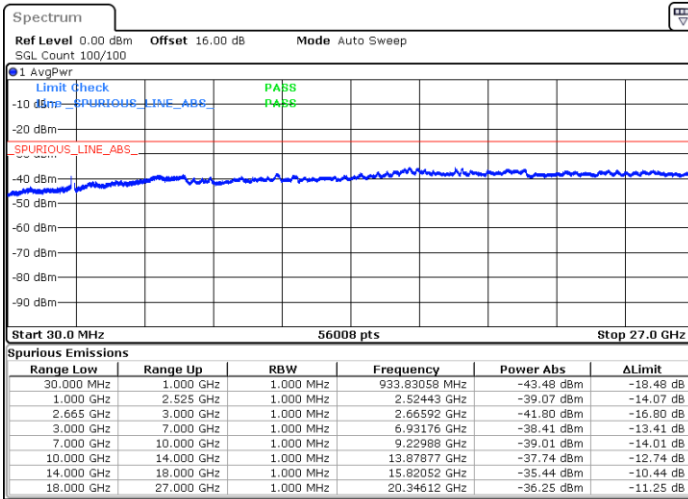
Date: 31.MAR.2021 10:16:00

LTE Band 38C / 15MHz+15MHz

QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 31.MAR.2021 10:20:17

Date: 31.MAR.2021 10:21:20

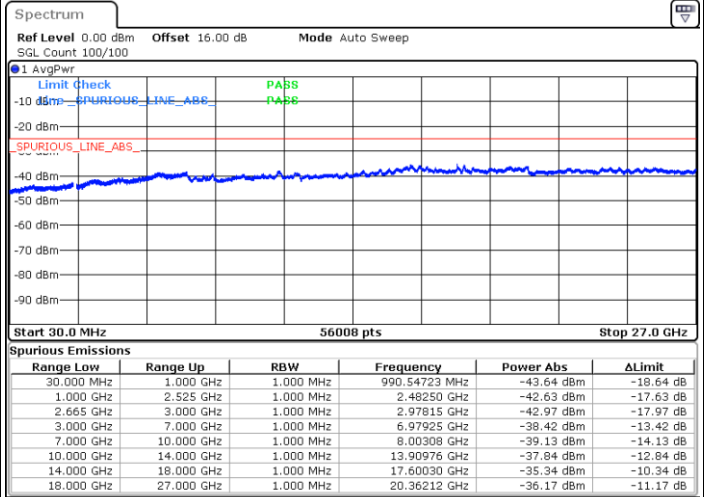
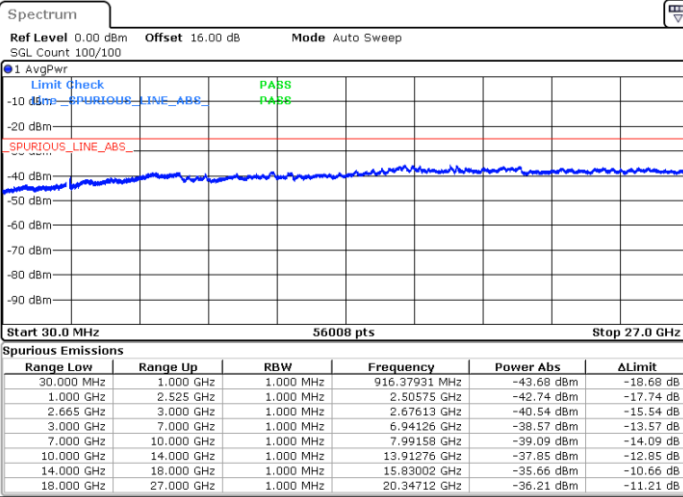


LTE Band 38C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 31.MAR.2021 10:31:25

Date: 31.MAR.2021 10:30:22

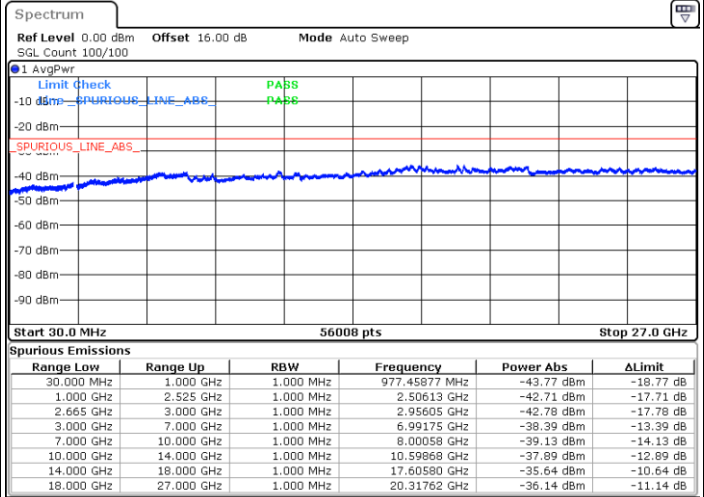
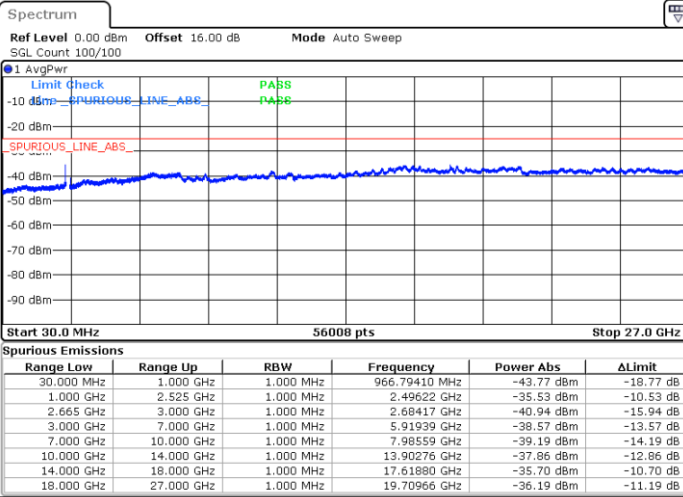


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



Date: 31.MAR.2021 10:44:17

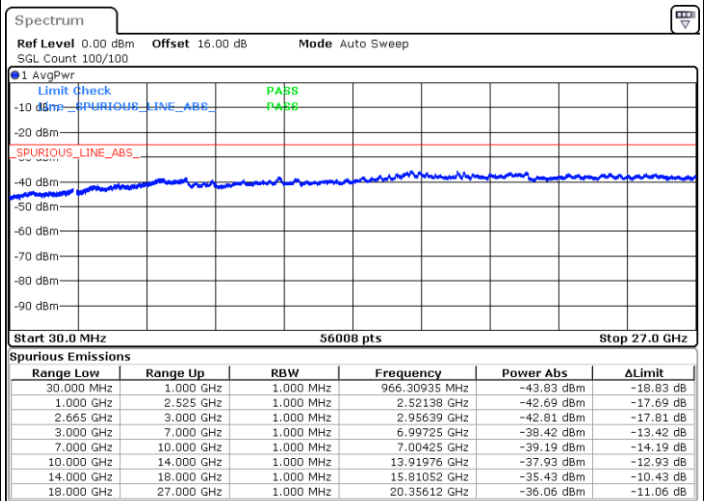
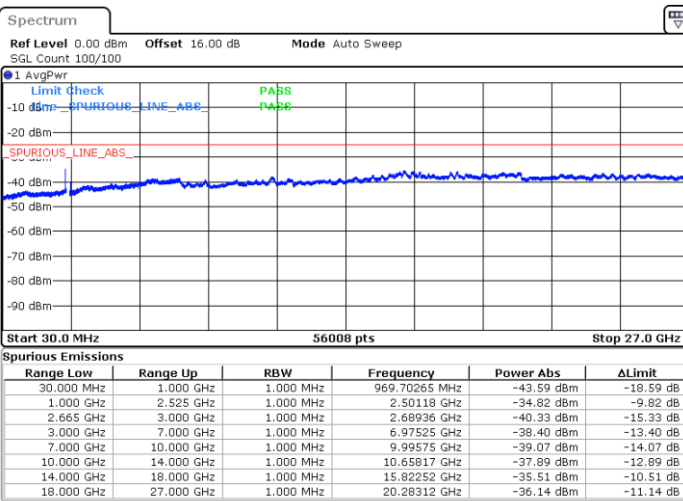
Date: 31.MAR.2021 10:43:14

LTE Band 38C / 20MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 31.MAR.2021 10:52:22

Date: 31.MAR.2021 10:53:25

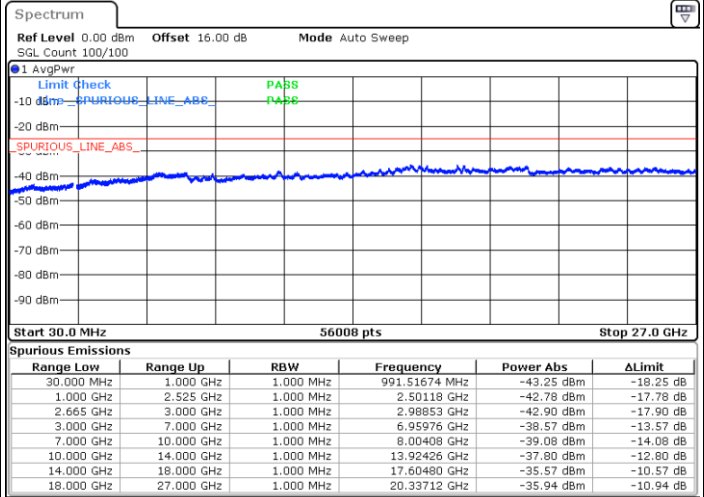
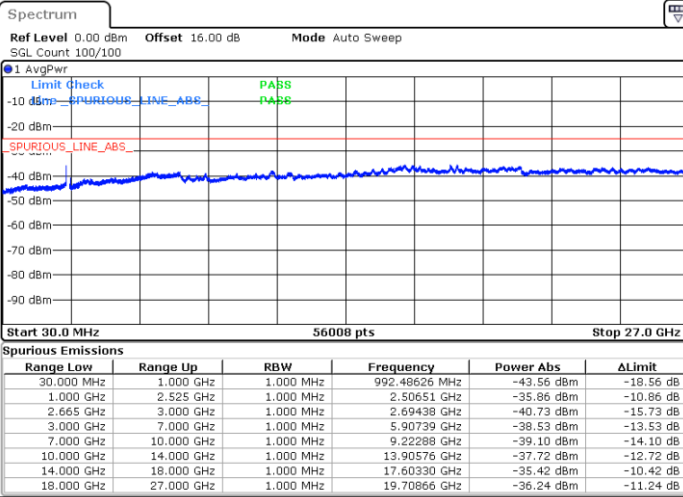


LTE Band 38C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 31.MAR.2021 11:07:57

Date: 31.MAR.2021 11:06:54



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 7C

LTE Band 7C / 20MHz+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)
Lowest	5037	-50.87	-25	-25.87	-72.86	-61.90	1.62	12.65	H
	7556	-46.91	-25	-21.91	-72.99	-56.02	2.00	11.11	H
	10075	-43.65	-25	-18.65	-73.4	-52.49	2.40	11.24	H
									H
									H
									H
	5037	-51.70	-25	-26.70	-73.3	-62.73	1.62	12.65	V
	7556	-47.06	-25	-22.06	-73.1	-56.17	2.00	11.11	V
	10075	-42.97	-25	-17.97	-73.36	-51.81	2.40	11.24	V
									V
									V
									V
Middle	5068	-51.50	-25	-26.50	-73.5	-62.57	1.63	12.70	H
	7602	-47.32	-25	-22.32	-73.16	-56.44	2.00	11.12	H
	10136	-43.67	-25	-18.67	-73.57	-52.46	2.40	11.19	H
									H
									H
									H
	5068	-51.79	-25	-26.79	-73.44	-62.86	1.63	12.70	V
	7602	-47.43	-25	-22.43	-73.22	-56.55	2.00	11.12	V
	10136	-42.86	-25	-17.86	-73.26	-51.65	2.40	11.19	V
									V
									V
									V



Highest	5098	-51.53	-25	-26.53	-73.51	-62.63	1.64	12.74	H
	7647	-47.23	-25	-22.23	-73.09	-56.35	2.01	11.13	H
	10196	-43.45	-25	-18.45	-73.5	-52.20	2.40	11.14	H
									H
									H
									H
	5098	-50.81	-25	-25.81	-72.48	-61.91	1.64	12.74	V
	7647	-47.58	-25	-22.58	-73.34	-56.70	2.01	11.13	V
	10196	-42.91	-25	-17.91	-73.33	-51.66	2.40	11.14	V
									V
									V
									V

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



LTE Band 38C

LTE Band 38C / 20MHz+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)
Lowest	5177	-51.68	-13	-38.68	-73.62	-62.87	1.66	12.85	H
	7766	-46.61	-13	-33.61	-72.53	-55.74	2.03	11.15	H
	10355	-42.33	-13	-29.33	-72.78	-50.95	2.39	11.02	H
									H
									H
									H
	5177	-52.05	-13	-39.05	-73.8	-63.24	1.66	12.85	V
	7766	-47.37	-13	-34.37	-73.03	-56.50	2.03	11.15	V
	10355	-42.26	-13	-29.26	-72.74	-50.88	2.39	11.02	V
									V
									V
									V
Middle	5188	-52.09	-13	-39.09	-74.03	-63.29	1.66	12.86	H
	7782	-47.02	-13	-34.02	-72.94	-56.15	2.03	11.16	H
	10376	-42.75	-13	-29.75	-73.27	-51.36	2.39	11.00	H
									H
									H
									H
	5188	-52.10	-13	-39.10	-73.86	-63.30	1.66	12.86	V
	7782	-47.54	-13	-34.54	-73.18	-56.67	2.03	11.16	V
	10376	-42.47	-13	-29.47	-72.97	-51.08	2.39	11.00	V
									V
									V
									V



Highest	5198	-52.03	-13	-39.03	-73.96	-63.25	1.66	12.88	H
	7797	-47.27	-13	-34.27	-73.2	-56.40	2.03	11.16	H
	10396	-42.23	-13	-29.23	-72.8	-50.82	2.39	10.98	H
									H
									H
									H
	5198	-52.05	-13	-39.05	-73.82	-63.27	1.66	12.88	V
	7797	-47.60	-13	-34.60	-73.23	-56.73	2.03	11.16	V
	10396	-42.32	-13	-29.32	-72.82	-50.91	2.39	10.98	V
									V
									V
									V

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



<Ant. 0 + Ant. 8>

LTE CA Band 5A+7A

LTE CA Band 5A+7A / 10MHz+20MHz / 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	1669	-62.63	-13	-49.63	-71.15	-68.29	0.93	8.74	H
	2503	-46.22	-13	-33.22	-59.79	-53.62	1.15	10.70	H
	3337	-57.85	-13	-44.85	-73.07	-66.48	1.33	12.11	H
	5052	-52.59	-13	-39.59	-74.23	-61.49	1.62	12.67	H
	7578	-48.62	-13	-35.62	-74.34	-55.58	2.00	11.12	H
	10104	-44.53	-13	-31.53	-73.97	-51.20	2.40	11.22	H
									H
	1669	-63.62	-13	-50.62	-71.53	-69.28	0.93	8.74	V
	2503	-42.74	-13	-29.74	-56.52	-50.14	1.15	10.70	V
	3337	-57.47	-13	-44.47	-73.14	-66.10	1.33	12.11	V
	5052	-52.70	-13	-39.70	-73.97	-61.60	1.62	12.67	V
	7578	-48.52	-13	-35.52	-74.2	-55.48	2.00	11.12	V
	10104	-44.19	-13	-31.19	-74.21	-50.86	2.40	11.22	V
									V

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



LTE CA Band 5A+66A

LTE CA Band 5A+66A / 10MHz+20MHz / 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	1666	-62.58	-13	-49.58	-71.1	-68.23	0.93	8.73	H
	2503	-58.82	-13	-45.82	-72.39	-66.22	1.15	10.70	H
	3337	-58.14	-13	-45.14	-73.36	-66.77	1.33	12.11	H
	3472	-56.61	-13	-43.61	-72.35	-65.54	1.35	12.43	H
	5208	-52.71	-13	-39.71	-74.53	-61.79	1.66	12.89	H
	6944	-48.46	-13	-35.46	-74.03	-56.56	1.73	11.98	H
									H
	1666	-63.60	-13	-50.60	-71.51	-69.25	0.93	8.73	V
	2503	-58.57	-13	-45.57	-72.35	-65.97	1.15	10.70	V
	3337	-57.20	-13	-44.20	-72.99	-65.83	1.33	12.11	V
	3472	-53.81	-13	-40.81	-69.93	-62.74	1.35	12.43	V
	5208	-52.94	-13	-39.94	-74.59	-62.02	1.66	12.89	V
	6944	-49.00	-13	-36.00	-74.11	-57.10	1.73	11.98	V
									V

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



<Ant. 8 + Ant. 0>

LTE CA Band 2A+5A

LTE CA Band 2A+5A / 20MHz+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	-63.05	-13	-50.05	-71.57	-70.85	0.93	8.72	H
	2496	-58.89	-13	-45.89	-72.46	-68.44	1.15	10.69	H
	3328	-57.52	-13	-44.52	-72.74	-68.28	1.33	12.09	H
	3742	-54.99	-13	-41.99	-72.53	-66.21	1.42	12.65	H
	5616	-50.88	-13	-37.88	-73.8	-62.44	1.74	13.30	H
	7488	-47.30	-13	-34.30	-73.45	-56.44	1.98	11.12	H
									H
	1664	-63.72	-13	-50.72	-71.63	-71.52	0.93	8.72	V
	2496	-58.81	-13	-45.81	-72.59	-68.36	1.15	10.69	V
	3328	-57.40	-13	-44.40	-73.07	-68.16	1.33	12.09	V
	3742	-54.89	-13	-41.89	-72.63	-66.11	1.42	12.65	V
	5616	-51.51	-13	-38.51	-74.09	-63.07	1.74	13.30	V
	7488	-47.82	-13	-34.82	-73.92	-56.96	1.98	11.12	V
									V

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



LTE CA Band 2A+7A

LTE CA Band 2A+7A / 20MHz+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	-53.57	-13	-40.57	-71.68	-64.79	1.42	12.65	H
	5052	-51.92	-13	-38.92	-73.92	-62.97	1.62	12.67	H
	5613	-50.57	-13	-37.57	-73.65	-62.13	1.74	13.30	H
	7484	-47.04	-13	-34.04	-73.48	-56.18	1.98	11.13	H
	7578	-48.16	-13	-35.16	-74.12	-57.27	2.00	11.12	H
	10104	-44.17	-13	-31.17	-73.98	-52.99	2.40	11.22	H
									H
	3742	-54.28	-13	-41.28	-72.59	-65.50	1.42	12.65	V
	5052	-52.15	-13	-39.15	-73.78	-63.20	1.62	12.67	V
	5613	-50.89	-13	-37.89	-73.63	-62.45	1.74	13.30	V
	7484	-47.26	-13	-34.26	-73.65	-56.40	1.98	11.13	V
	7578	-48.21	-13	-35.21	-74.13	-57.32	2.00	11.12	V
	10104	-43.82	-13	-30.82	-74.21	-52.64	2.40	11.22	V
									V

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



LTE CA Band 4A+5A

LTE CA Band 4A+5A / 20MHz+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	-62.71	-13	-49.71	-71.21	-70.51	0.93	8.72	H
	2496	-58.43	-13	-45.43	-71.99	-67.98	1.15	10.69	H
	3328	-57.98	-13	-44.98	-73.22	-68.74	1.33	12.09	H
	3447	-55.36	-13	-42.36	-70.86	-66.38	1.35	12.37	H
	5170	-51.77	-13	-38.77	-73.53	-62.95	1.65	12.84	H
	6894	-47.91	-13	-34.91	-73.27	-58.22	1.73	12.05	H
									H
	1664	-62.91	-13	-49.91	-70.82	-70.71	0.93	8.72	V
	2496	-58.56	-13	-45.56	-72.33	-68.11	1.15	10.69	V
	3328	-57.11	-13	-44.11	-72.81	-67.87	1.33	12.09	V
	3447	-52.99	-13	-39.99	-68.88	-64.01	1.35	12.37	V
	5170	-52.33	-13	-39.33	-73.88	-63.51	1.65	12.84	V
	6894	-48.74	-13	-35.74	-73.67	-59.05	1.73	12.05	V
									V

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



LTE CA Band 4A+7A

LTE CA Band 4A+7A / 20MHz+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	-53.84	-13	-40.84	-70.03	-64.86	1.35	12.37	H
	5052	-51.58	-13	-38.58	-73.58	-62.63	1.62	12.67	H
	5170	-50.97	-13	-37.97	-72.92	-62.15	1.65	12.84	H
	6894	-48.43	-13	-35.43	-74.06	-58.74	1.73	12.05	H
	7578	-47.96	-13	-34.96	-73.92	-57.07	2.00	11.12	H
	10104	-44.09	-13	-31.09	-73.9	-52.91	2.40	11.22	H
									H
	3447	-54.13	-13	-41.13	-70.71	-65.15	1.35	12.37	V
	5052	-52.40	-13	-39.40	-74.03	-63.45	1.62	12.67	V
	5170	-51.34	-13	-38.34	-73.08	-62.52	1.65	12.84	V
	6894	-48.65	-13	-35.65	-73.85	-58.96	1.73	12.05	V
	7578	-48.34	-13	-35.34	-74.26	-57.45	2.00	11.12	V
	10104	-43.67	-13	-30.67	-74.06	-52.49	2.40	11.22	V
									V

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