

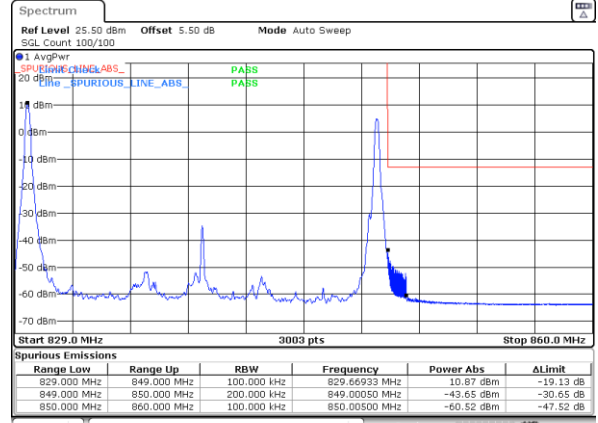
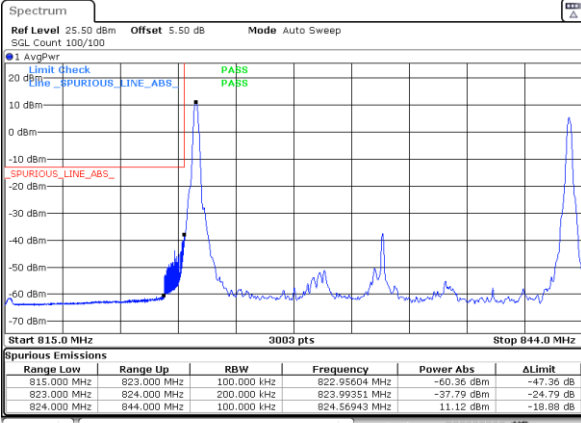


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

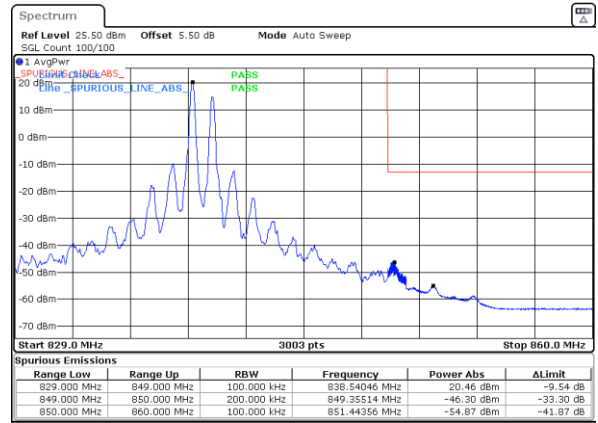
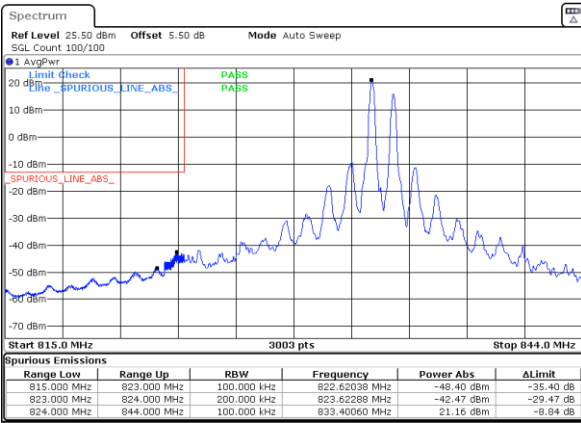


Date: 17, DEC, 2020 15:30:51

Date: 17, DEC, 2020 15:42:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

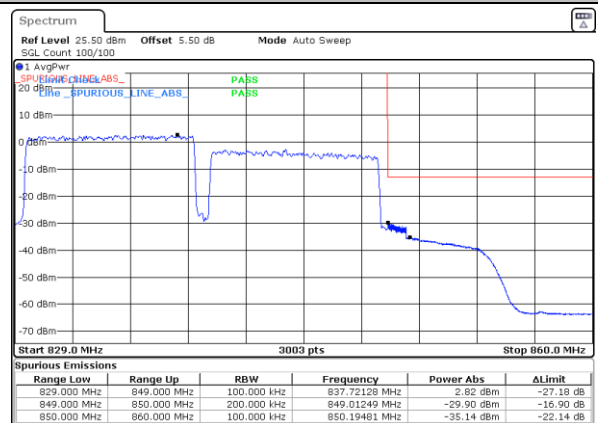
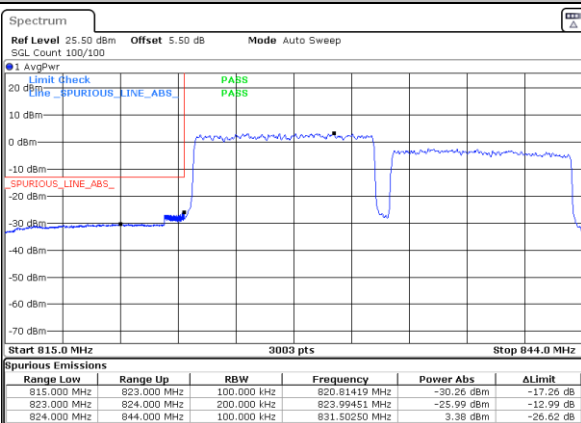


Date: 17, DEC, 2020 15:33:28

Date: 17, DEC, 2020 15:45:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 15:27:02

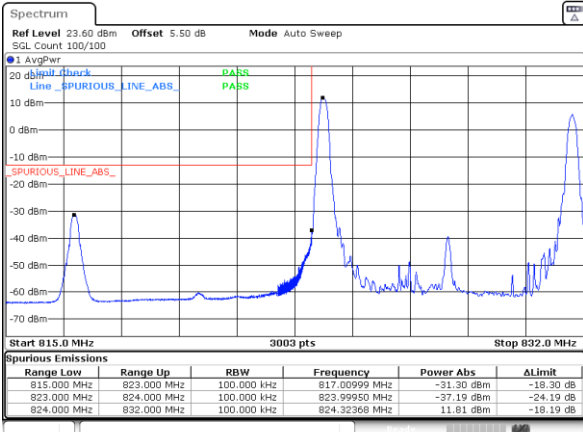
Date: 17, DEC, 2020 15:41:02



LTE Band 5B / 3MHz+5MHz

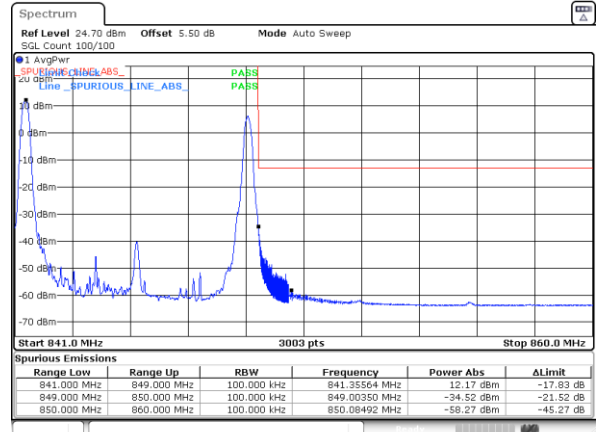
16QAM

Lowest Band Edge / 1RB0 and 1RB24



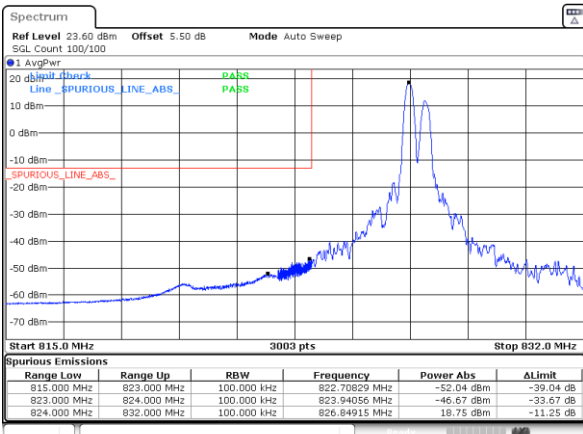
Date: 17, DEC, 2020 13:17:56

Highest Band Edge / 1RB0 and 1RB24



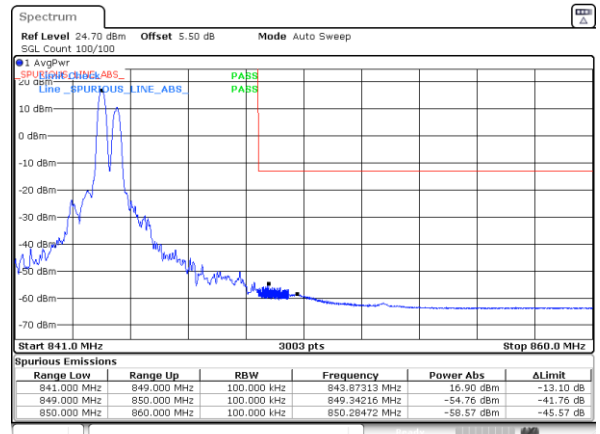
Date: 17, DEC, 2020 13:33:05

Lowest Band Edge / 1RB14 and 1RB0



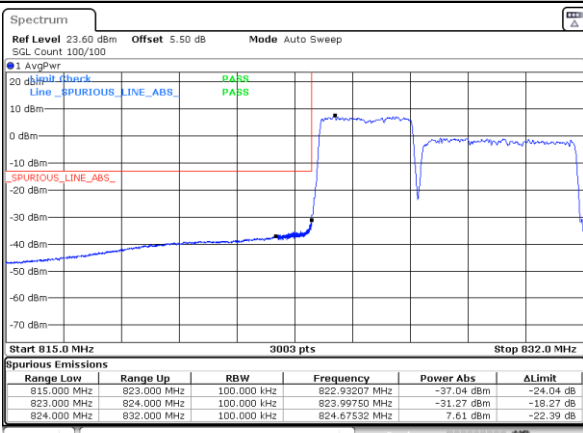
Date: 17, DEC, 2020 13:22:56

Highest Band Edge / 1RB14 and 1RB0



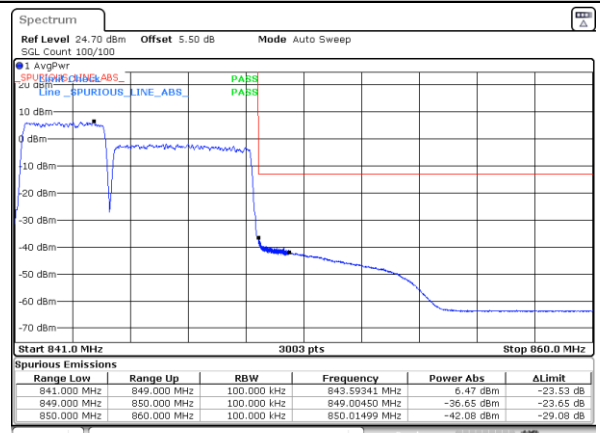
Date: 17, DEC, 2020 13:36:59

Lowest Band Edge / Full RB



Date: 17, DEC, 2020 13:25:27

Highest Band Edge / Full RB



Date: 17, DEC, 2020 13:39:44

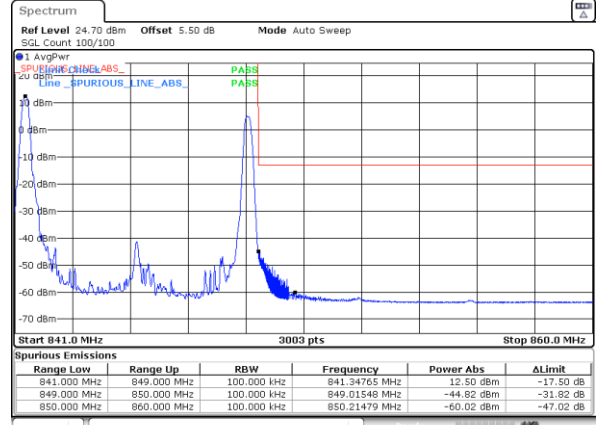
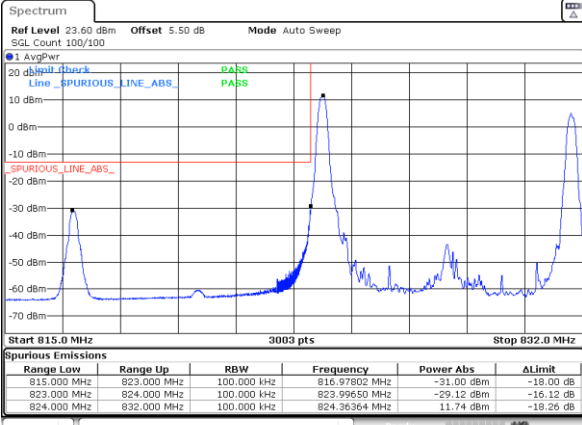


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

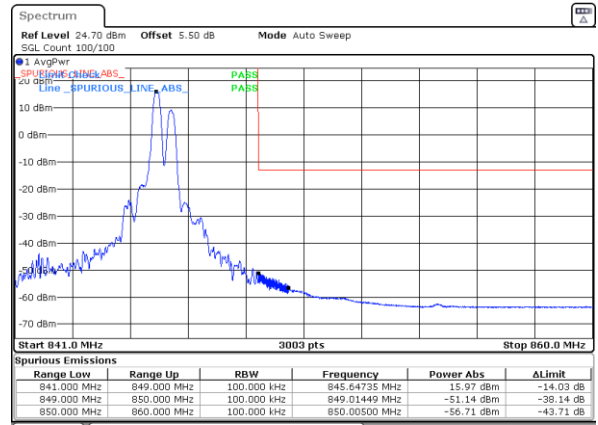
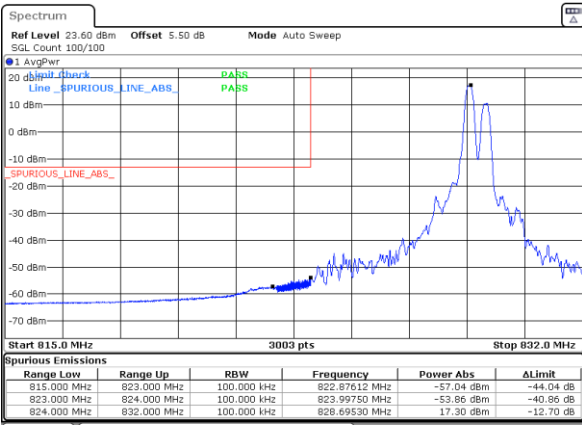


Date: 17, DEC, 2020 13:48:16

Date: 17, DEC, 2020 14:05:07

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

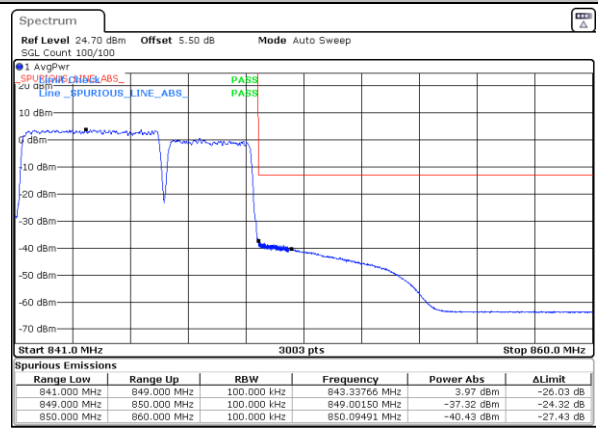
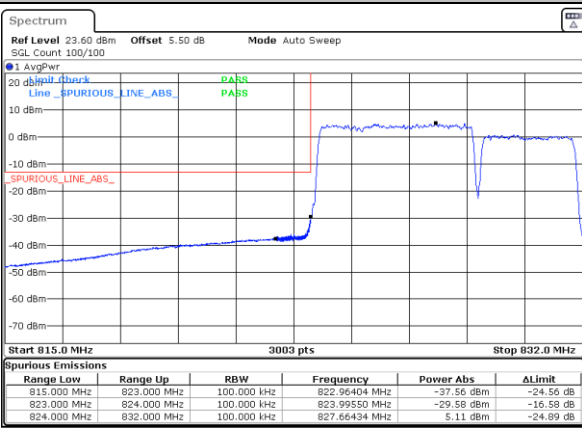


Date: 17, DEC, 2020 13:50:43

Date: 17, DEC, 2020 14:25:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 13:55:48

Date: 17, DEC, 2020 14:27:58

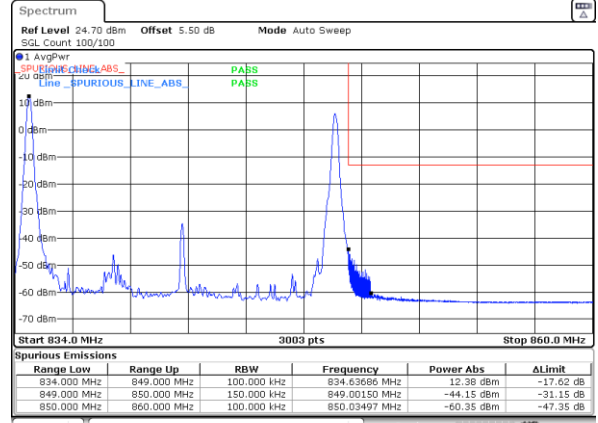
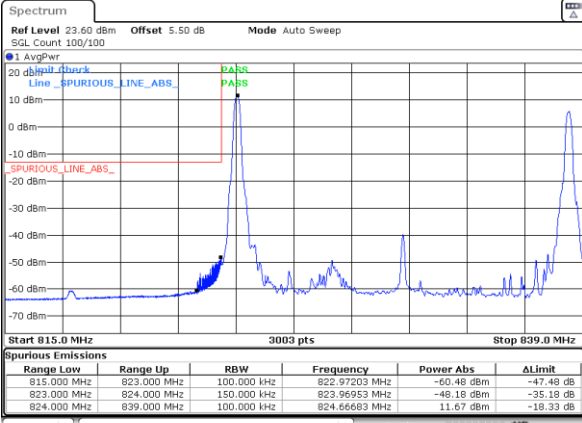


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

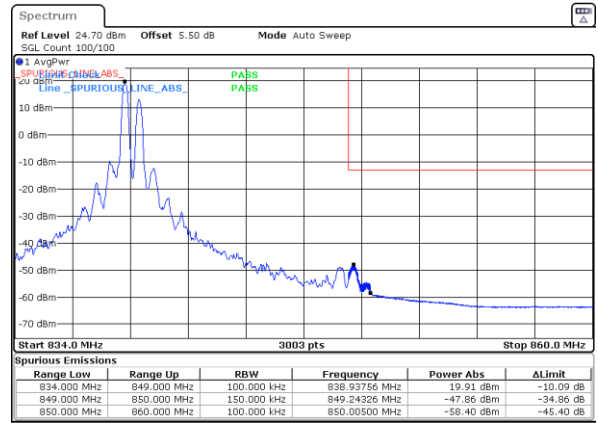
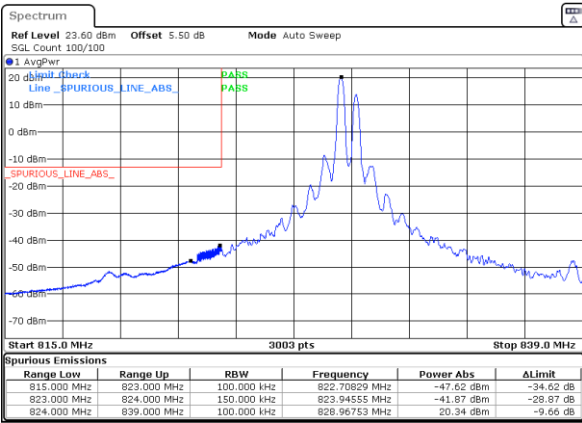


Date: 17, DEC, 2020 14:41:04

Date: 17, DEC, 2020 14:52:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

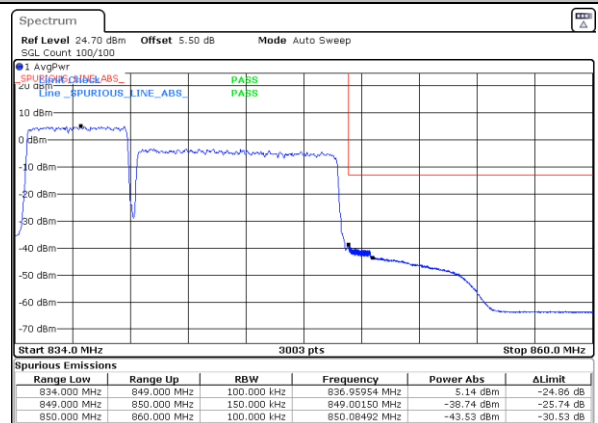
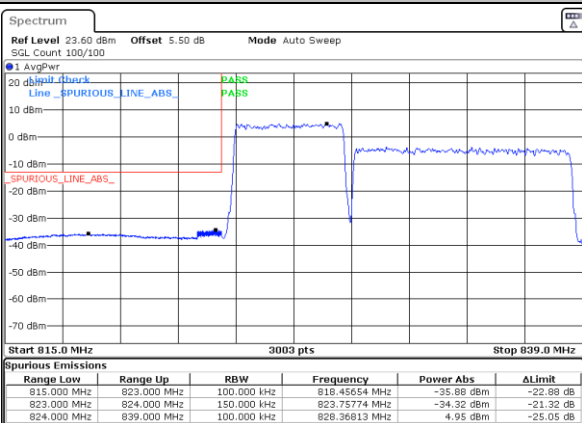


Date: 17, DEC, 2020 14:43:20

Date: 17, DEC, 2020 14:55:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 14:38:45

Date: 17, DEC, 2020 14:49:17

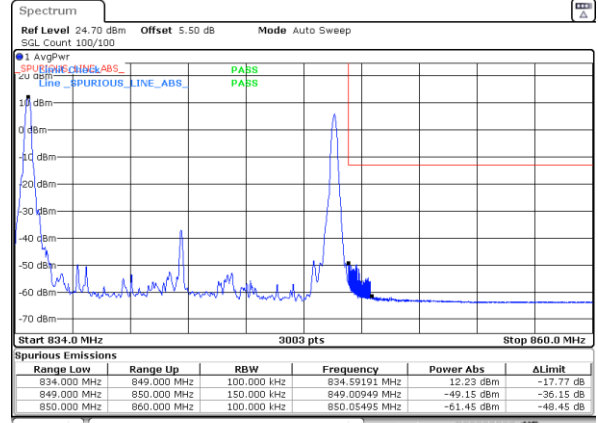
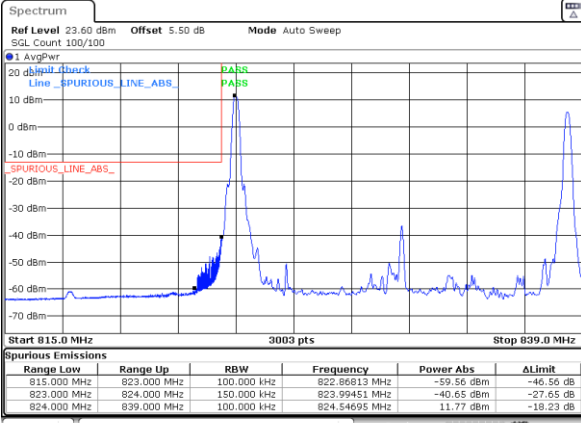


LTE Band 5B / 10MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

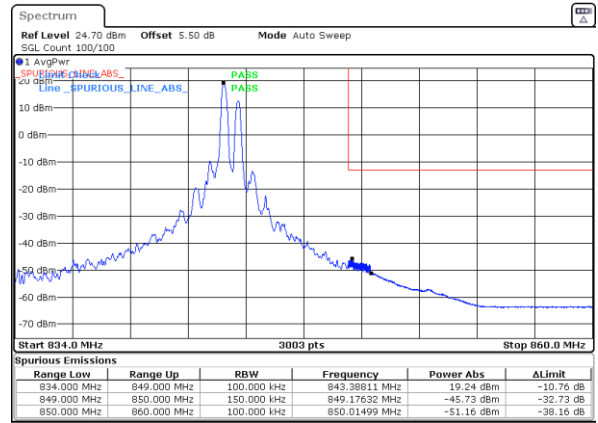
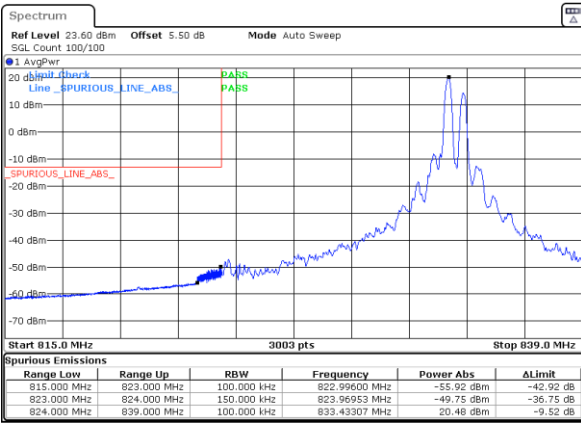


Date: 17, DEC, 2020 15:06:15

Date: 17, DEC, 2020 15:16:52

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

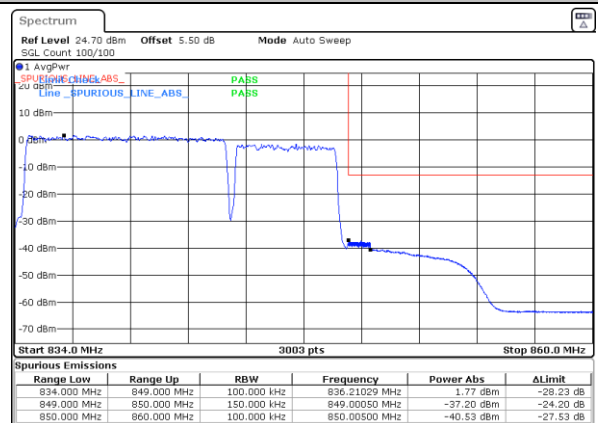
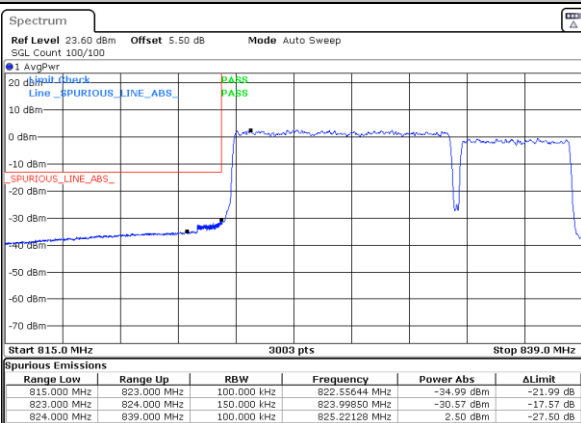


Date: 17, DEC, 2020 15:08:29

Date: 17, DEC, 2020 15:19:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 15:03:19

Date: 17, DEC, 2020 15:14:21

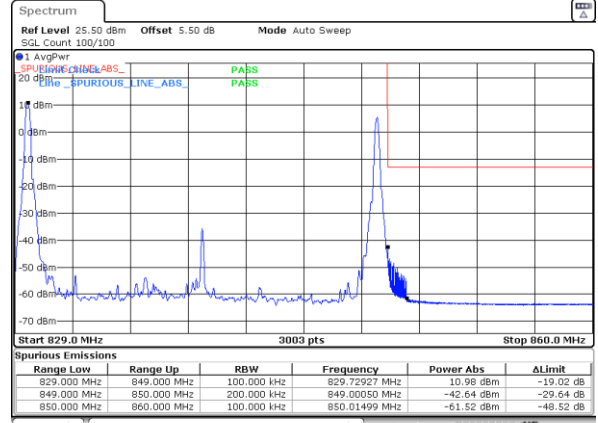
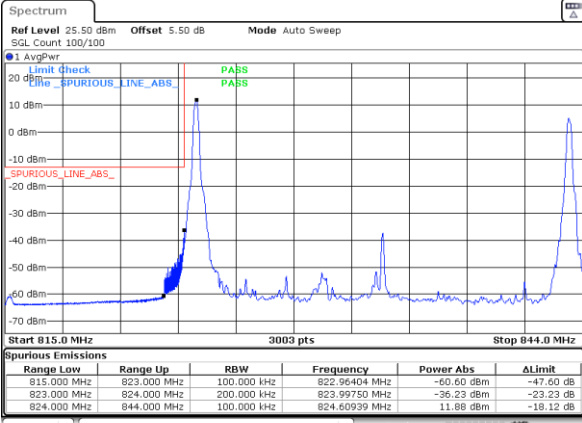


LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

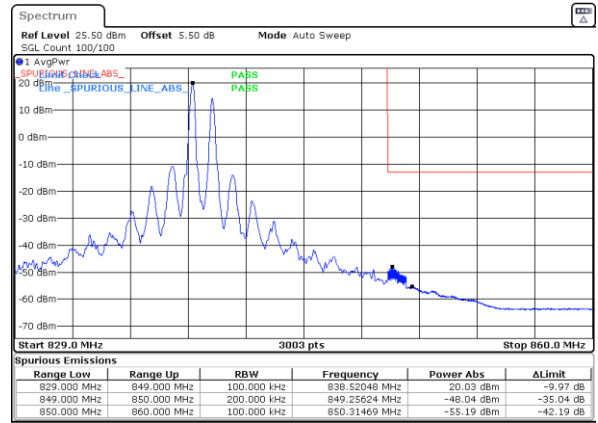
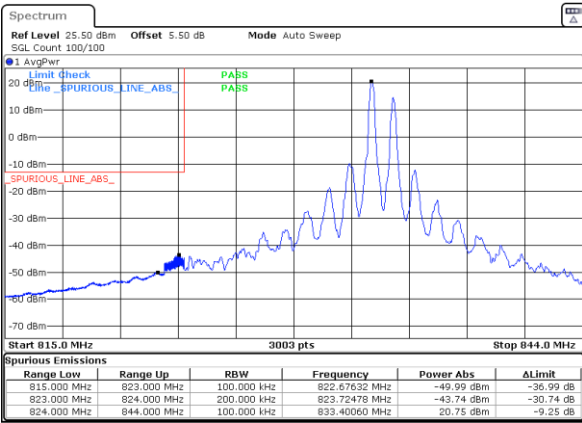


Date: 17, DEC, 2020 15:30:05

Date: 17, DEC, 2020 15:42:53

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

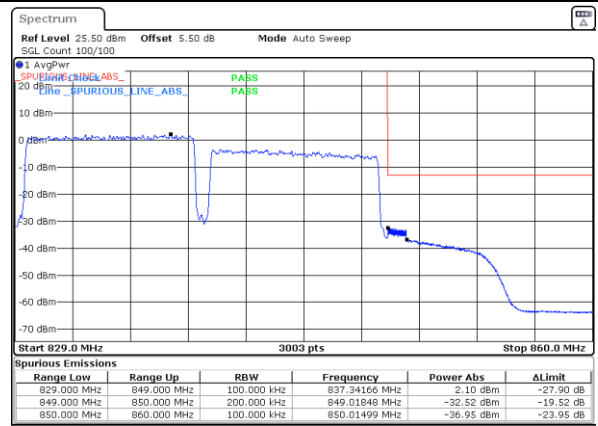
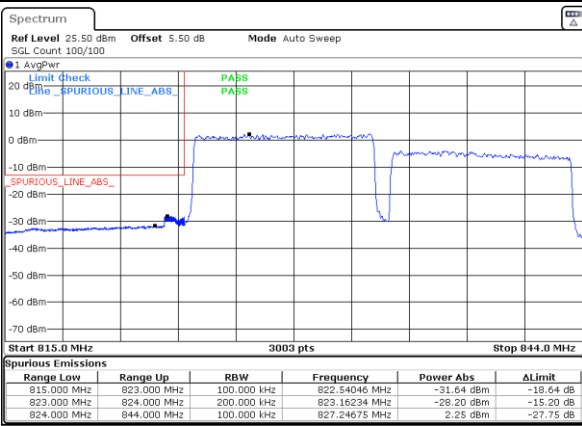


Date: 17, DEC, 2020 15:34:13

Date: 17, DEC, 2020 15:45:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 15:27:57

Date: 17, DEC, 2020 15:40:20

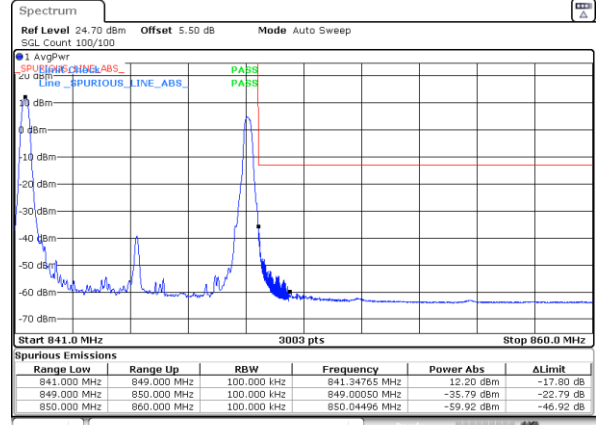
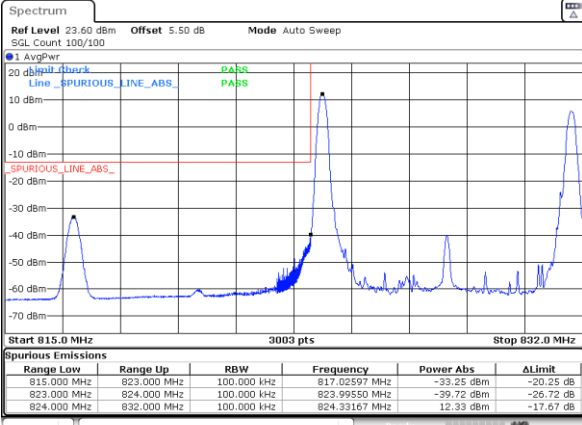


LTE Band 5B / 3MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

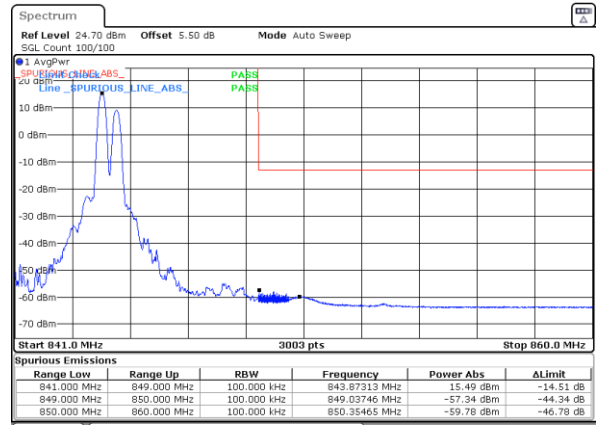
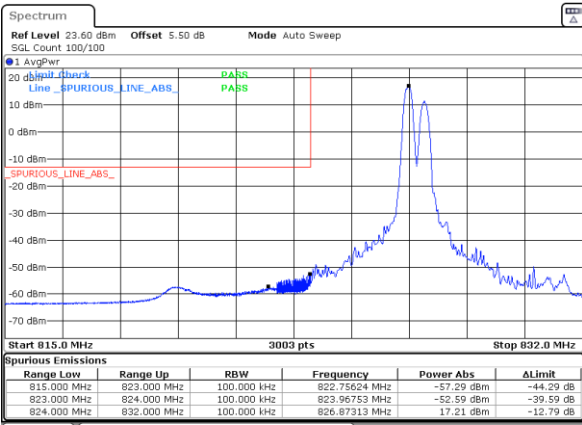


Date: 17, DEC, 2020 13:18:43

Date: 17, DEC, 2020 13:13:48

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

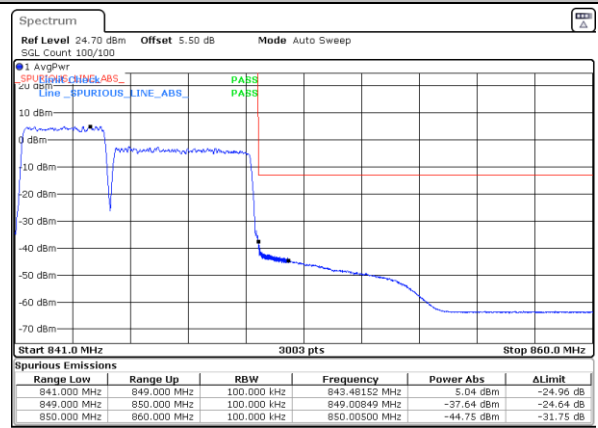
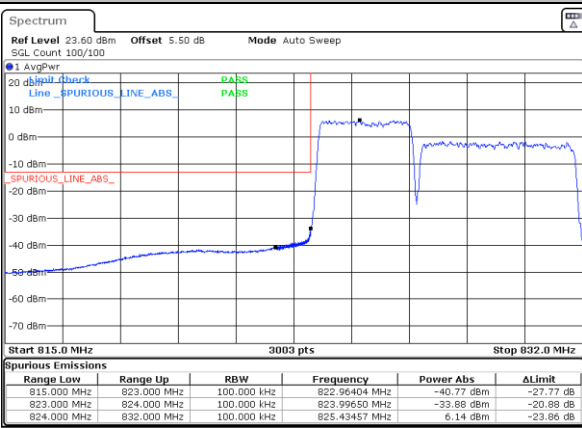


Date: 17, DEC, 2020 13:22:14

Date: 17, DEC, 2020 13:34:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 13:26:09

Date: 17, DEC, 2020 13:40:43

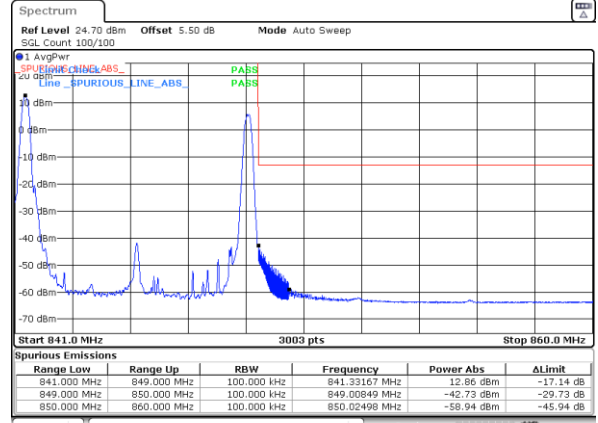
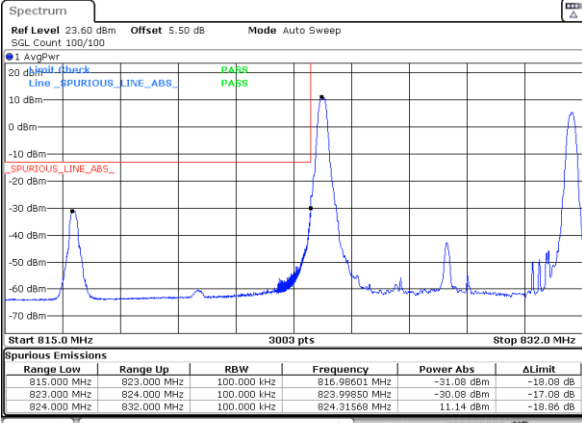


LTE Band 5B / 5MHz+3MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

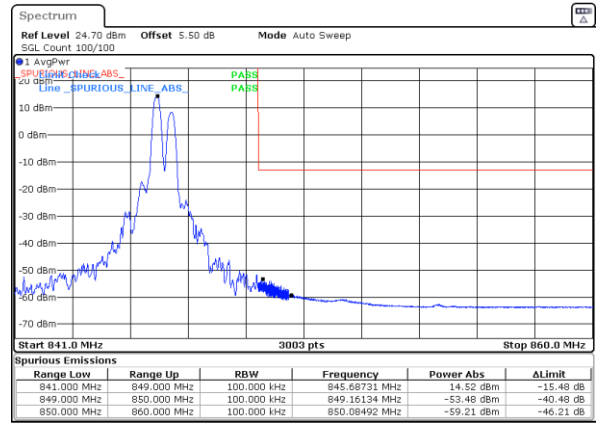
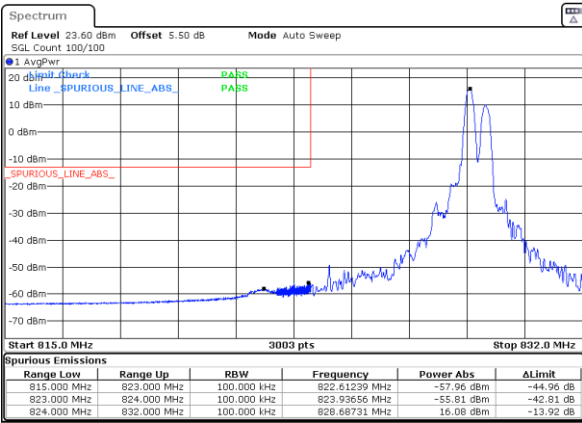


Date: 17, DEC, 2020 13:49:04

Date: 17, DEC, 2020 14:05:52

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

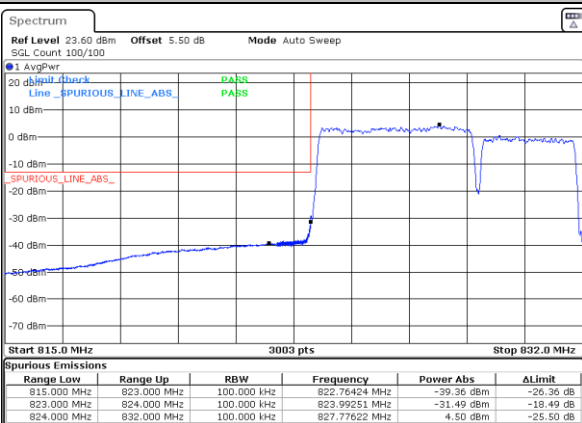


Date: 17, DEC, 2020 13:49:53

Date: 17, DEC, 2020 14:06:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 13:56:37

Date: 17, DEC, 2020 14:28:42



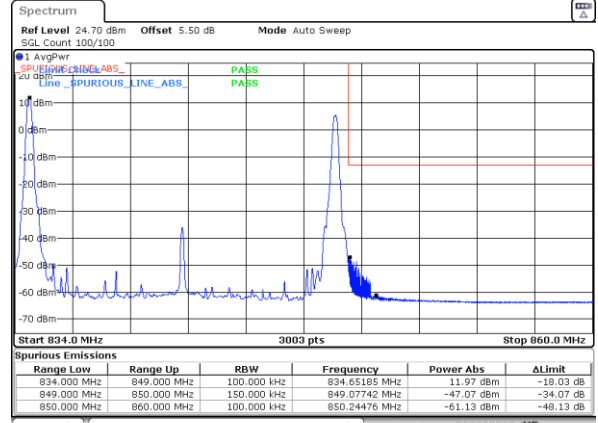
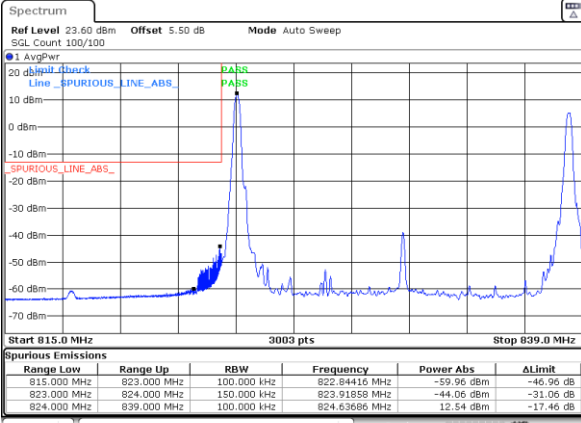


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

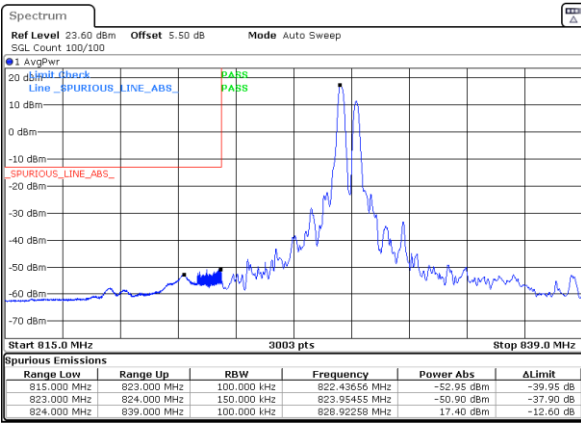


Date: 17, DEC, 2020 14:40:21

Date: 17, DEC, 2020 14:51:39

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

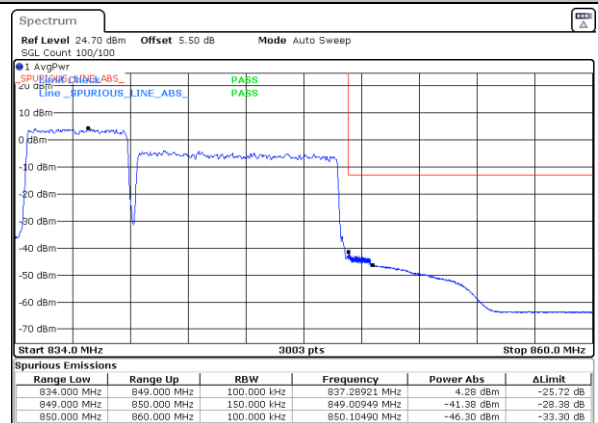
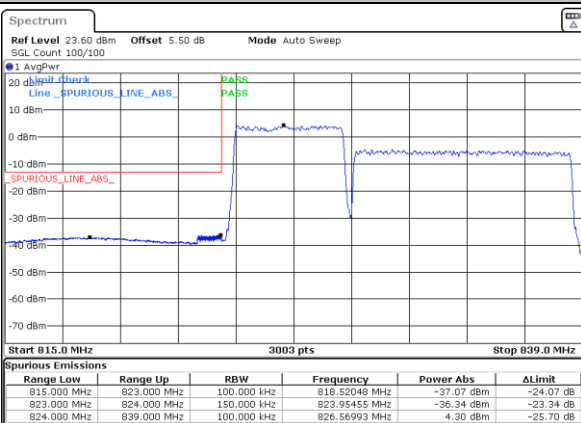


Date: 17, DEC, 2020 14:43:56

Date: 17, DEC, 2020 14:57:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 14:39:31

Date: 17, DEC, 2020 14:50:51

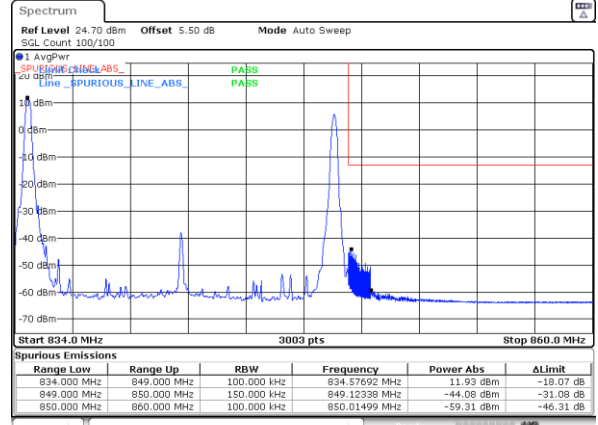
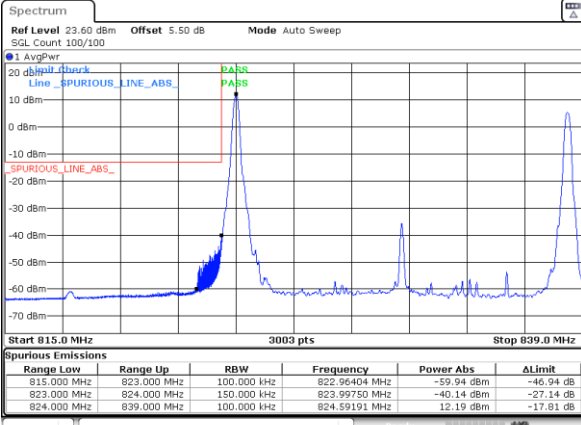


LTE Band 5B / 10MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

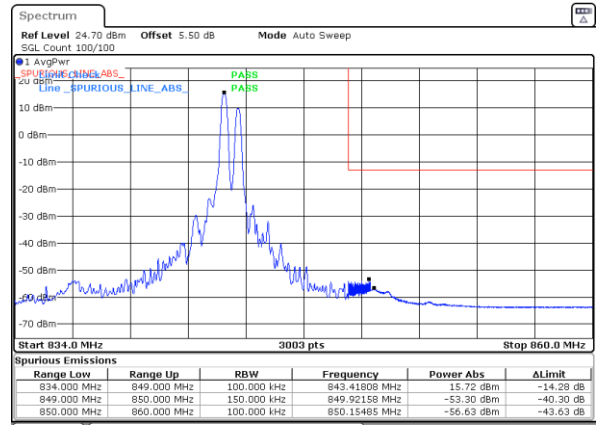
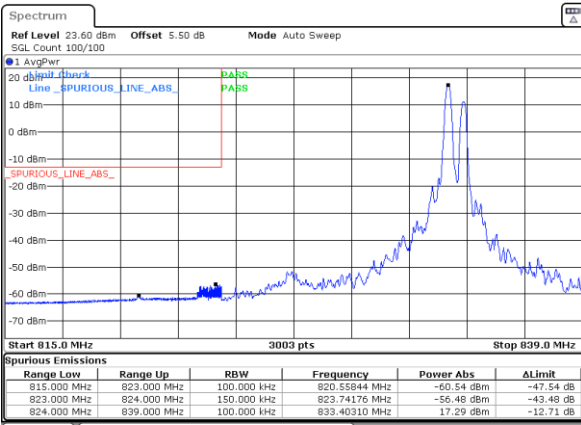


Date: 17, DEC, 2020 15:05:29

Date: 17, DEC, 2020 15:16:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

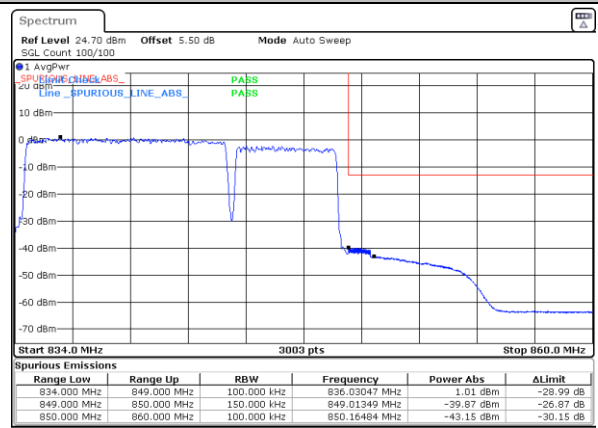
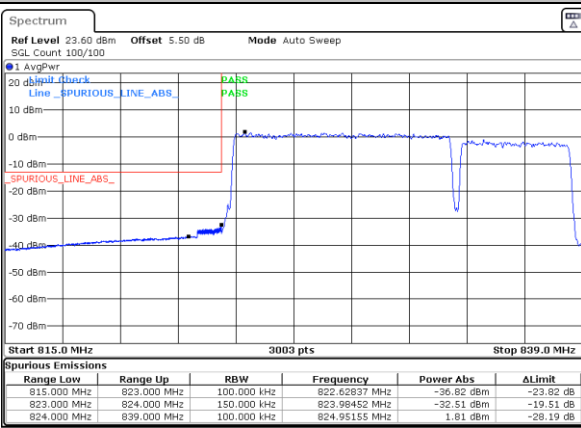


Date: 17, DEC, 2020 15:09:07

Date: 17, DEC, 2020 15:20:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, DEC, 2020 15:04:40

Date: 17, DEC, 2020 15:15:09

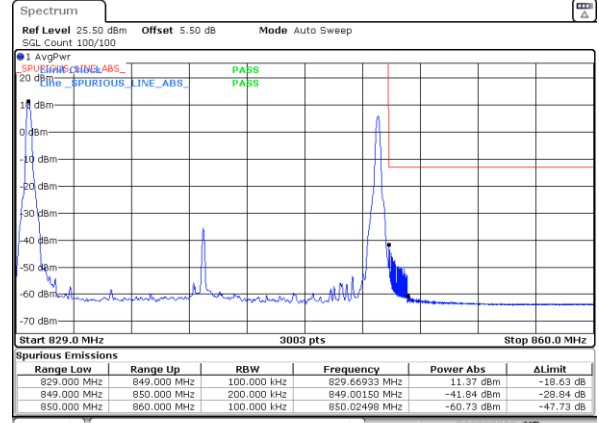
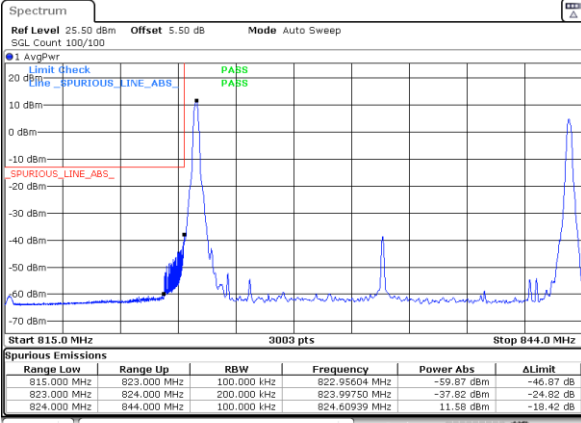


LTE Band 5B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

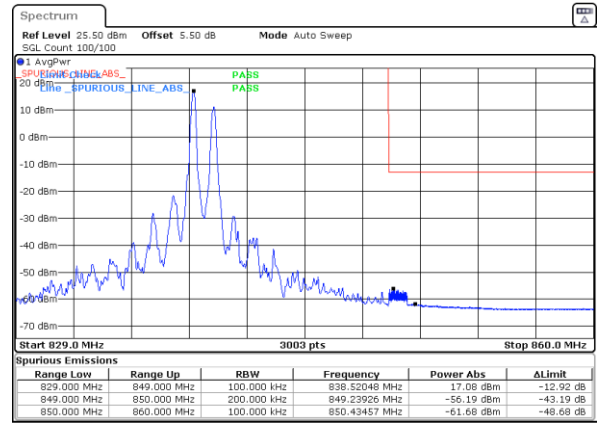
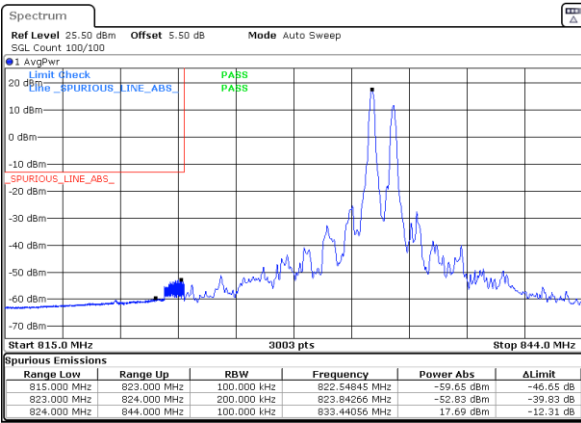


Date: 17, DEC, 2020 15:29:21

Date: 17, DEC, 2020 15:14:32

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

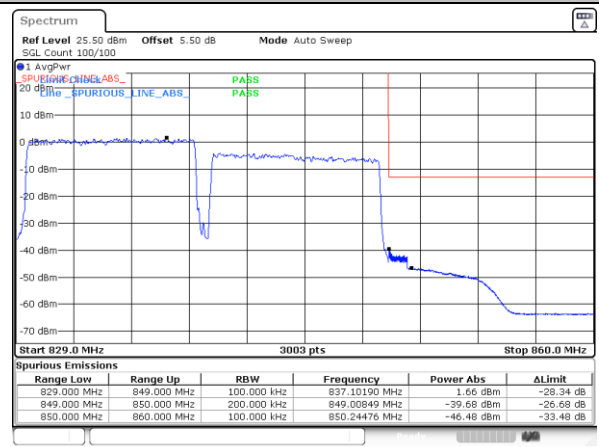
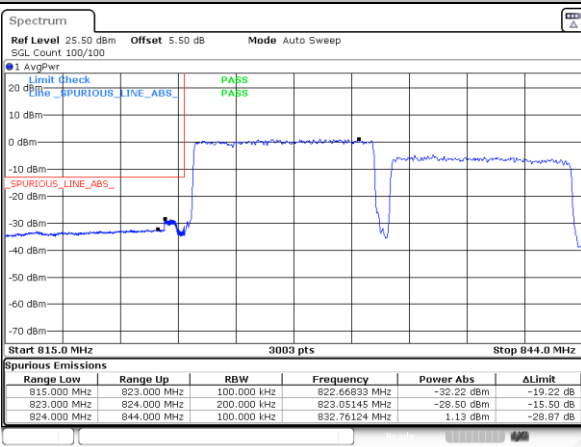


Date: 17, DEC, 2020 15:34:54

Date: 17, DEC, 2020 15:14:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

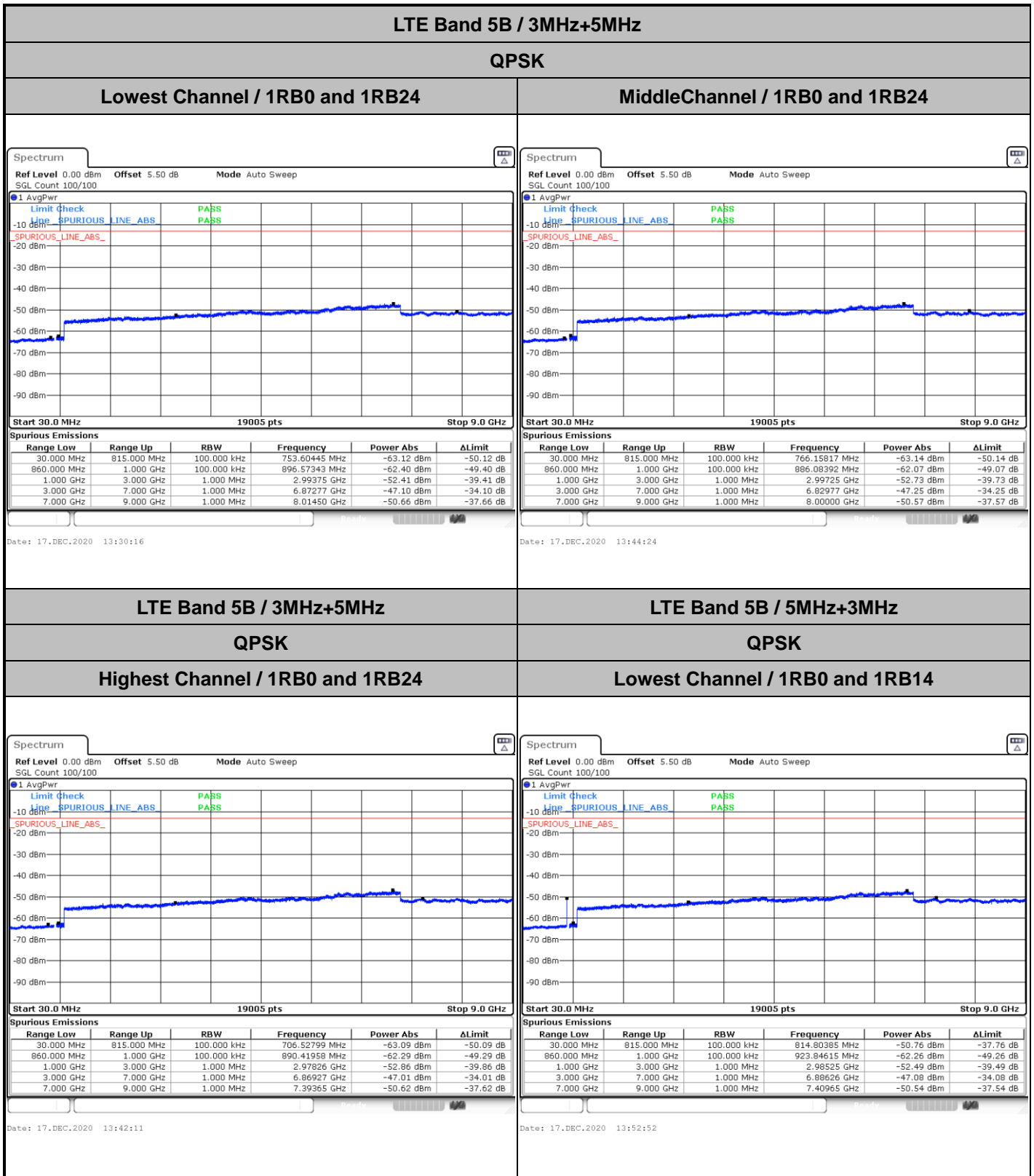


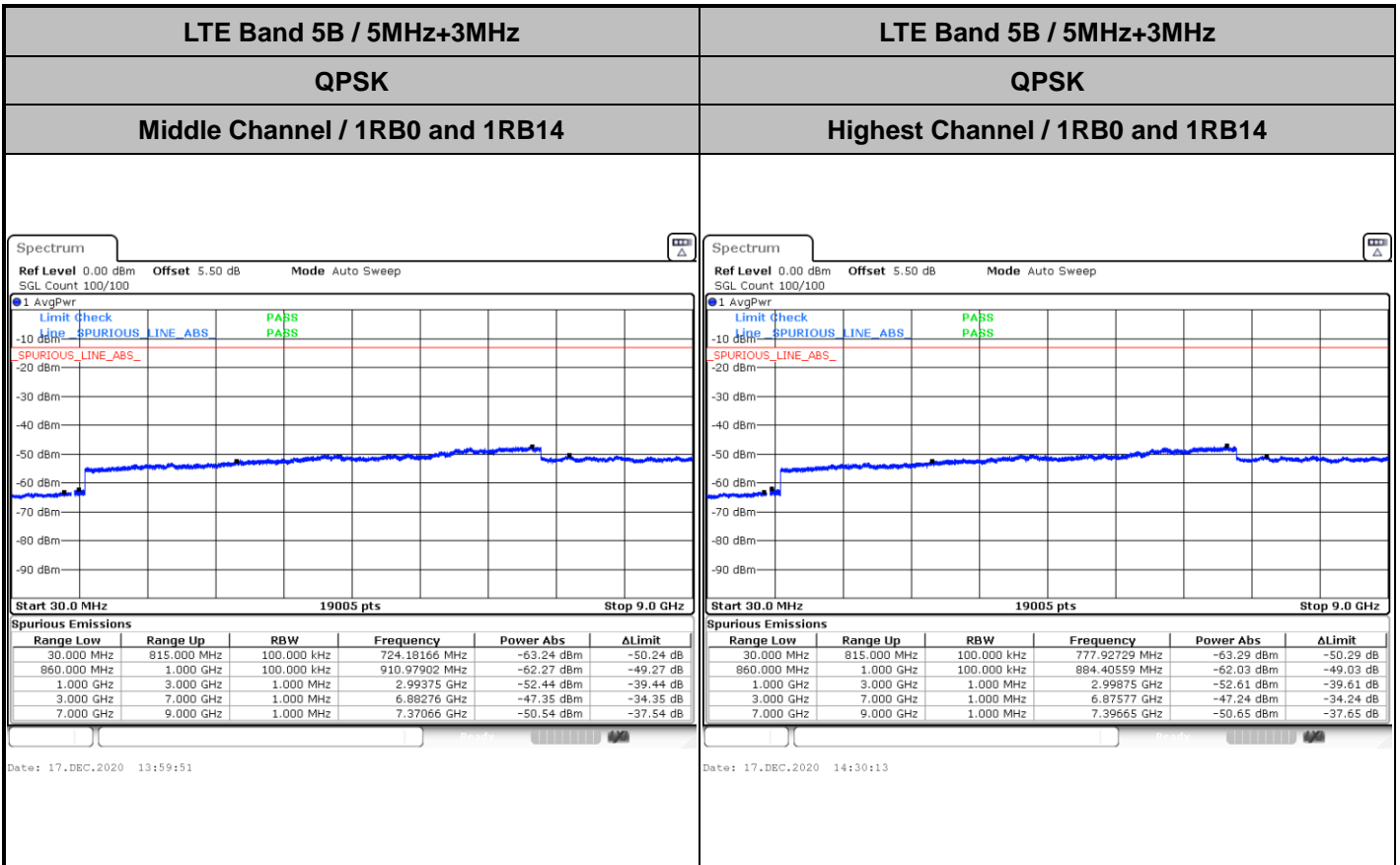
Date: 17, DEC, 2020 15:28:35

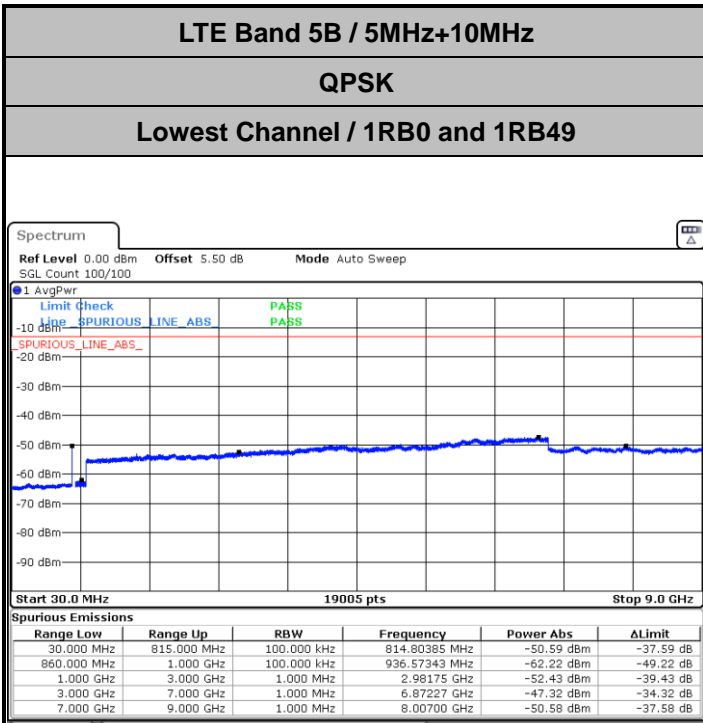
Date: 17, DEC, 2020 15:39:38



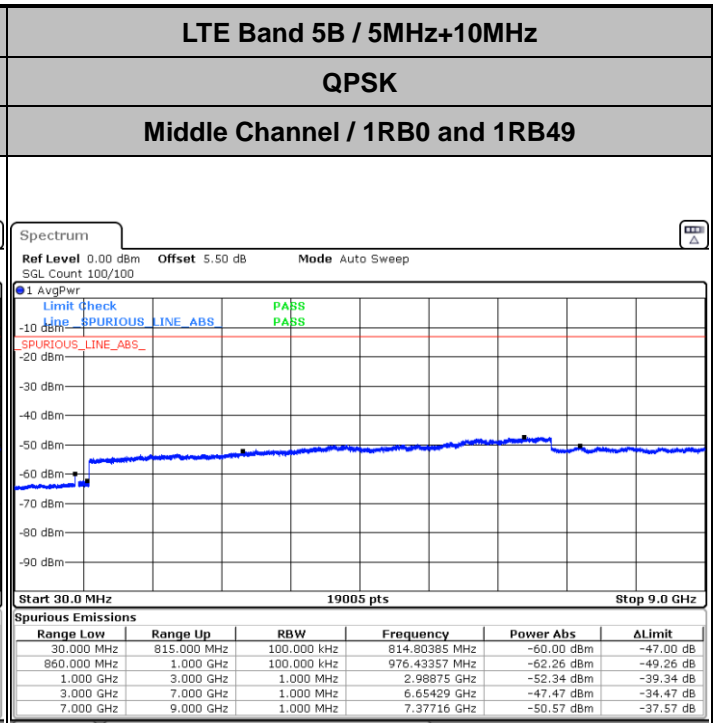
# Conducted Spurious Emission



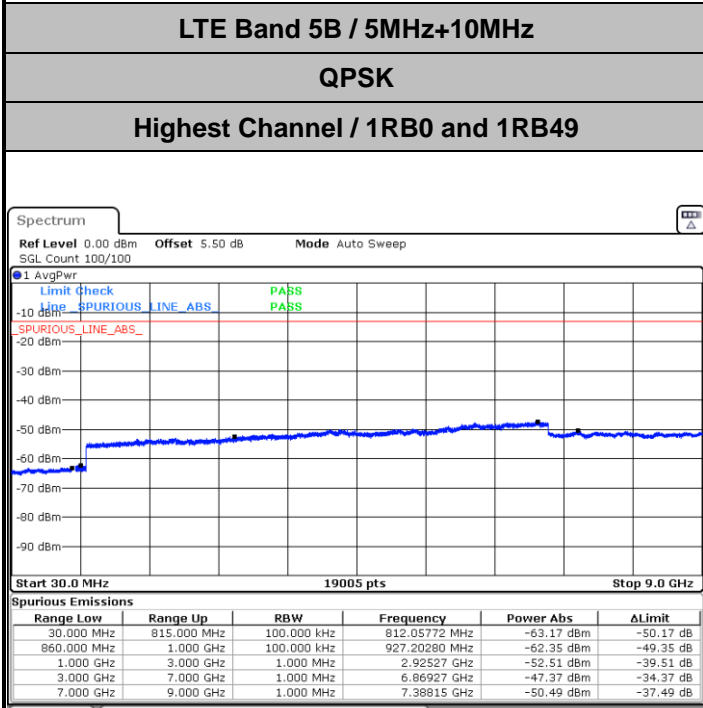




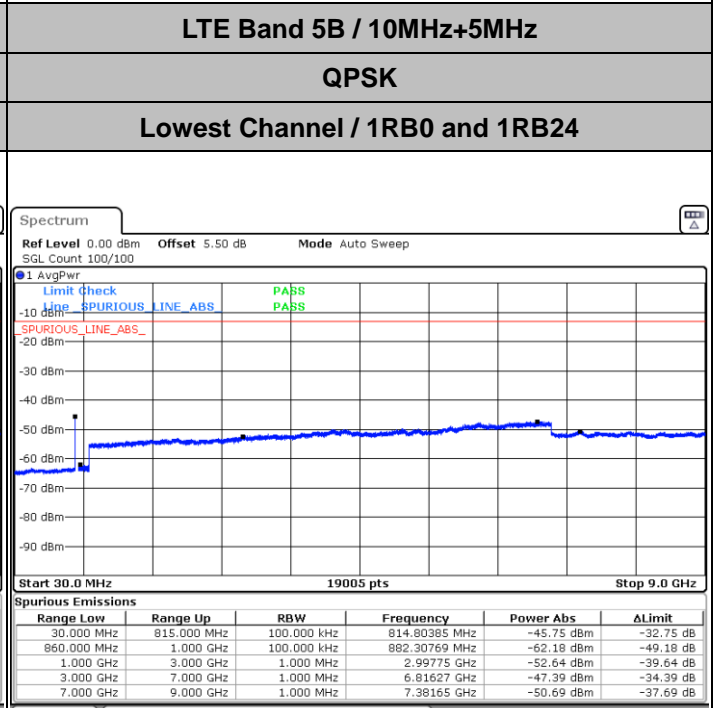
Date: 17.DEC.2020 14:35:53



Date: 17.DEC.2020 14:47:04



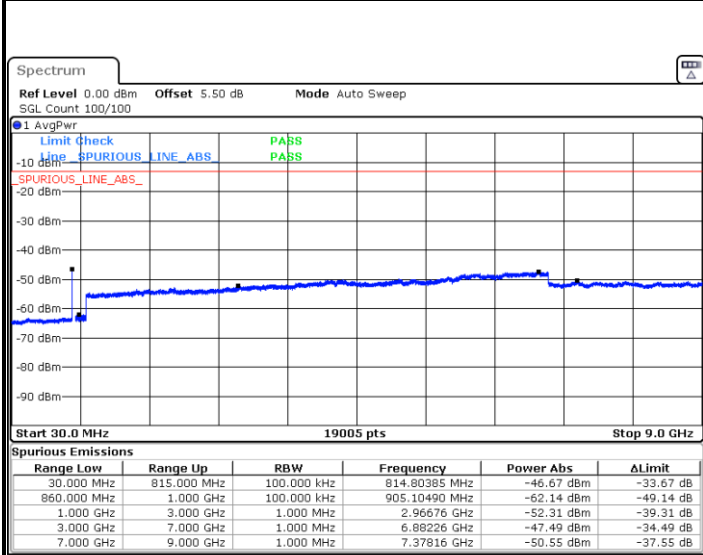
Date: 17.DEC.2020 14:58:53



Date: 17.DEC.2020 15:01:11

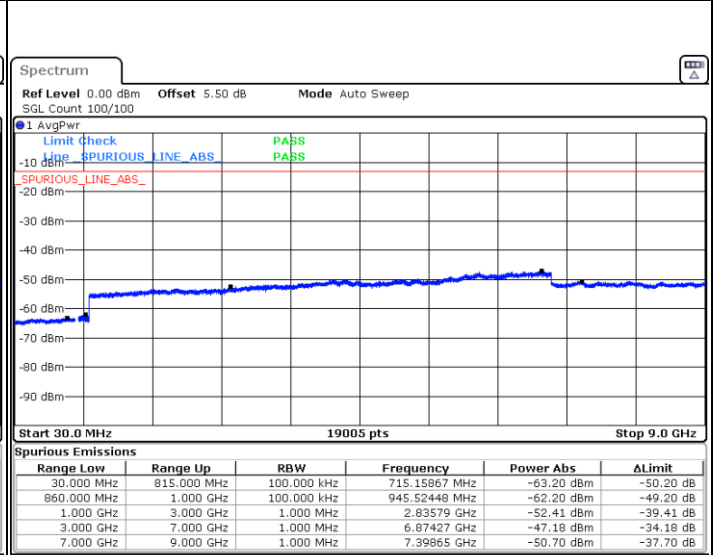


LTE Band 5B / 10MHz+5MHz  
 QPSK  
 Middle Channel / 1RB0 and 1RB24



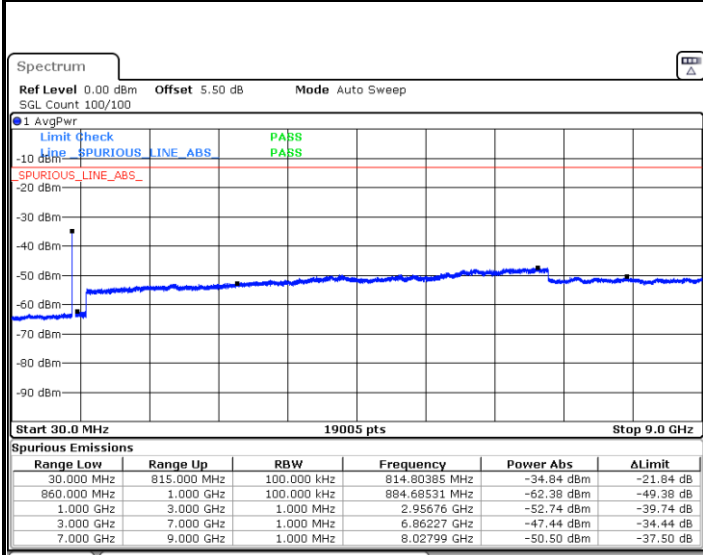
Date: 17.DEC.2020 15:10:33

LTE Band 5B / 10MHz+5MHz  
 QPSK  
 Highest Channel / 1RB0 and 1RB24



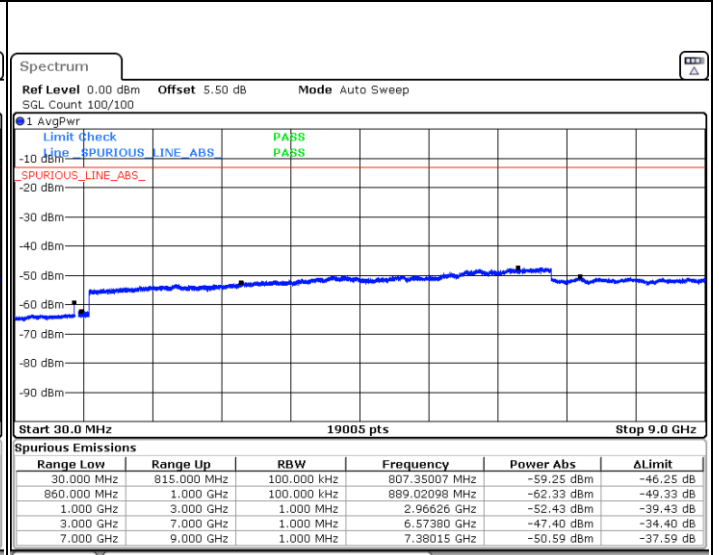
Date: 17.DEC.2020 15:12:04

LTE Band 5B / 10MHz+10MHz  
 QPSK  
 Lowest Channel / 1RB0 and 1RB49



Date: 17.DEC.2020 15:49:13

LTE Band 5B / 10MHz+10MHz  
 QPSK  
 Middle Channel / 1RB0 and 1RB49



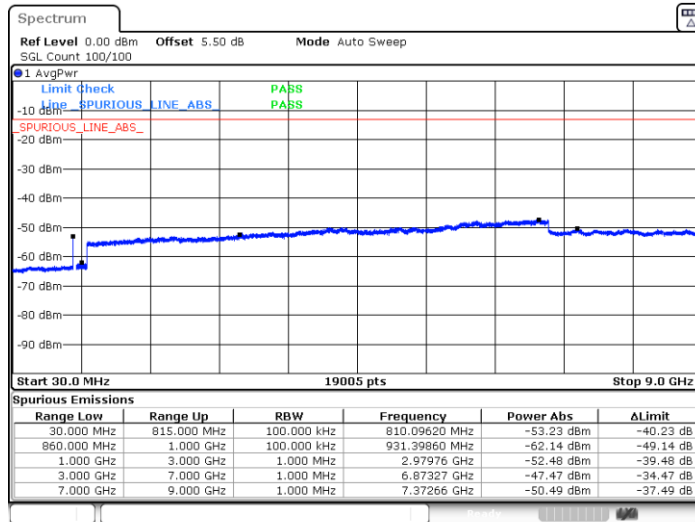
Date: 17.DEC.2020 15:24:08



LTE Band 5B / 10MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49



Date: 17.DEC.2020 15:46:53





### Appendix B. Test Results of Radiated Test

#### Radiated Spurious Emission

LTE Band 25 / 20MHz / QPSK								
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	3702	-55.25	-13	-42.25	-67.51	2.641	14.90	H
	5553	-51.92	-13	-38.92	-63.78	2.94	14.80	H
	7404	-53.34	-13	-40.34	-63.11	3.39	13.16	H
	9252	-51.20	-13	-38.20	-61.68	4.00	14.48	H
	11112	-44.68	-13	-31.68	-54.19	4.23	13.74	H
	12960	-45.14	-13	-32.14	-54.98	4.49	14.32	H
	3702	-55.72	-13	-42.72	-67.98	2.64	14.90	V
	5553	-52.68	-13	-39.68	-64.54	2.94	14.80	V
	7404	-53.49	-13	-40.49	-63.26	3.39	13.16	V
	9252	-50.81	-13	-37.81	-61.29	4.00	14.48	V
	11112	-42.93	-13	-29.93	-52.44	4.23	13.74	V
	12960	-43.66	-13	-30.66	-53.50	4.49	14.32	V
Middle	3741	-52.87	-13	-39.87	-65.13	2.64	14.90	H
	5613	-54.42	-13	-41.42	-66.28	2.94	14.80	H
	7488	-51.36	-13	-38.36	-61.13	3.39	13.16	H
	3741	-55.62	-13	-42.62	-67.88	2.64	14.90	V
	5613	-55.23	-13	-42.23	-67.09	2.94	14.80	V
	7488	-51.92	-13	-38.92	-61.69	3.39	13.16	V
Highest	3792	-54.91	-13	-41.91	-67.17	2.64	14.90	H
	5688	-56.40	-13	-43.40	-68.26	2.94	14.80	H
	7584	-53.00	-13	-40.00	-62.77	3.39	13.16	H
	9480	-51.26	-13	-38.26	-61.74	4.00	14.48	H
	11376	-46.82	-13	-33.82	-56.33	4.23	13.74	H
	13272	-46.61	-13	-33.61	-56.45	4.49	14.32	H
	3792	-54.22	-13	-41.22	-66.48	2.64	14.90	V
	5688	-56.49	-13	-43.49	-68.35	2.94	14.80	V
	7584	-52.86	-13	-39.86	-62.63	3.39	13.16	V
	9480	-51.66	-13	-38.66	-62.14	4.00	14.48	V
	11376	-46.18	-13	-33.18	-55.69	4.23	13.74	V
	13272	-44.69	-13	-31.69	-54.53	4.49	14.32	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain ( dBi)	Polarization (H/V)
Lowest	1650	-45.93	-13	-32.93	-52.90	1.58	10.70	H
	2474	-53.54	-13	-40.54	-61.79	2.102	12.50	H
	3300	-55.55	-13	-42.55	-64.44	2.856	13.90	H
	4122	-59.03	-13	-46.03	-67.49	2.689	13.30	H
	4950	-50.13	-13	-37.13	-59.55	3.327	14.90	H
	1650	-47.23	-13	-34.23	-54.20	1.58	10.70	V
	2474	-51.64	-13	-38.64	-59.89	2.10	12.50	V
	3300	-58.83	-13	-45.83	-67.72	2.86	13.90	V
	4122	-57.74	-13	-44.74	-66.20	2.69	13.30	V
4950	-54.81	-13	-41.81	-62.57	3.09	13.00	V	
Middle	1664	-45.61	-13	-32.61	-52.58	1.58	10.70	H
	2496	-52.16	-13	-39.16	-60.41	2.102	12.50	H
	3330	-47.80	-13	-34.80	-56.69	2.856	13.90	H
	4158	-55.49	-13	-42.49	-63.95	2.689	13.30	H
	4992	-46.85	-13	-33.85	-56.27	3.327	14.90	H
	5826	-54.35	-13	-41.35	-64.28	3.7351	15.82	H
	6654	-49.79	-13	-36.79	-60.24	4.1432	16.74	H
	1664	-47.21	-13	-34.21	-54.18	1.58	10.70	V
	2496	-49.53	-13	-36.53	-57.78	2.10	12.50	V
	3330	-54.86	-13	-41.86	-63.75	2.86	13.90	V
	4158	-53.76	-13	-40.76	-62.22	2.69	13.30	V
	4992	-52.34	-13	-39.34	-60.10	3.09	13.00	V
	6012	-55.64	-13	-42.64	-64.41	3.18	14.10	V
	6654	-52.35	-13	-39.35	-59.59	3.31	12.70	V
Highest	1680	-45.18	-13	-32.18	-52.15	1.58	10.70	H
	2518	-49.47	-13	-36.47	-57.72	2.102	12.50	H
	3360	-50.47	-13	-37.47	-59.36	2.856	13.90	H
	4200	-57.99	-13	-44.99	-66.45	2.689	13.30	H
	5040	-47.16	-13	-34.16	-56.58	3.327	14.90	H
	5880	-56.18	-13	-43.18	-66.11	3.7351	15.82	H
	6714	-53.35	-13	-40.35	-63.80	4.1432	16.74	H
	1680	-44.83	-13	-31.83	-51.80	1.58	10.70	V
	2518	-48.74	-13	-35.74	-56.99	2.10	12.50	V
	3360	-54.84	-13	-41.84	-63.73	2.86	13.90	V
	4200	-53.89	-13	-40.89	-62.35	2.69	13.30	V
	5040	-51.56	-13	-38.56	-59.32	3.09	13.00	V
	5880	-56.62	-13	-43.62	-65.39	3.18	14.10	V
6714	-54.21	-13	-41.21	-61.45	3.31	12.70	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3423	-54.03	-13	-41.03	-64.77	2.604	13.34	H
	5133	-54.89	-13	-41.89	-65.40	3.011	13.52	H
	6840	-49.60	-13	-36.60	-59.80	3.271	13.47	H
	8556	-49.76	-13	-36.76	-56.73	5.527	12.5	H
	10272	-47.98	-13	-34.98	-54.84	6.038	12.9	H
	3423	-56.20	-13	-43.20	-66.94	2.604	13.34	V
	5133	-54.98	-13	-41.98	-65.49	3.011	13.52	V
	6840	-45.64	-13	-32.64	-55.84	3.271	13.47	V
	8556	-50.68	-13	-37.68	-57.65	5.527	12.50	V
10272	-48.51	-13	-35.51	-55.37	6.038	12.90	V	
Middle	3471	-52.71	-13	-39.71	-63.45	2.604	13.34	H
	5208	-53.03	-13	-40.03	-63.54	3.011	13.52	H
	6948	-50.37	-13	-37.37	-60.57	3.271	13.47	H
	8676	-49.97	-13	-36.97	-56.94	5.527	12.5	H
	10416	-46.99	-13	-33.99	-53.85	6.038	12.9	H
	12156	-45.56	-13	-32.56	-52.76	6.726	13.93	H
	3471	-54.80	-13	-41.80	-65.54	2.604	13.34	V
	5208	-54.25	-13	-41.25	-64.76	3.011	13.52	V
	6948	-46.15	-13	-33.15	-56.35	3.271	13.47	V
	8676	-50.97	-13	-37.97	-57.94	5.527	12.50	V
	10416	-48.84	-13	-35.84	-55.70	6.038	12.90	V
12156	-45.27	-13	-32.27	-52.47	6.726	13.93	V	
Highest	3522	-54.14	-13	-41.14	-64.88	2.604	13.34	H
	5283	-54.79	-13	-41.79	-65.30	3.011	13.52	H
	7044	-53.72	-13	-40.72	-63.92	3.271	13.47	H
	3522	-54.91	-13	-41.91	-65.65	2.604	13.34	V
	5283	-55.24	-13	-42.24	-65.75	3.011	13.52	V
	7044	-52.22	-13	-39.22	-62.42	3.271	13.47	V

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



LTE Band 5B / 10 MHz +10MHz / QPSK								
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	1650.00	-42.62	-13	-29.62	-45.86	1.11	6.50	H
	2474.00	-50.57	-13	-37.57	-53.19	1.43	6.20	H
	3300.00	-47.00	-13	-34.00	-51.44	1.71	8.30	H
	4122.00	-57.30	-13	-44.30	-61.94	2.02	8.80	H
	4950.00	-47.65	-13	-34.65	-52.89	2.31	9.70	H
	5772.00	-54.91	-13	-41.91	-60.75	2.61	10.60	H
	1650.00	-43.68	-13	-30.68	-46.92	1.11	6.50	V
	2474.00	-48.52	-13	-35.52	-51.14	1.43	6.20	V
	3300.00	-52.90	-13	-39.90	-57.34	1.71	8.30	V
	4122.00	-55.87	-13	-42.87	-60.51	2.02	8.80	V
Middle	1654.00	-41.78	-13	-28.78	-45.02	1.11	6.50	H
	2482.00	-53.77	-13	-40.77	-56.39	1.43	6.20	H
	3306.00	-55.74	-13	-42.74	-60.18	1.71	8.30	H
	4134.00	-60.22	-13	-47.22	-64.86	2.02	8.80	H
	4962.00	-53.22	-13	-40.22	-58.46	2.31	9.70	H
	1654.00	-42.81	-13	-29.81	-46.05	1.11	6.50	V
	2482.00	-51.29	-13	-38.29	-53.91	1.43	6.20	V
	3306.00	-59.01	-13	-46.01	-63.45	1.71	8.30	V
	4134.00	-60.35	-13	-47.35	-64.99	2.02	8.80	V
	4962.00	-55.38	-13	-42.38	-60.62	2.31	9.70	V
Highest	1660.00	-40.35	-13	-27.35	-43.59	1.11	6.50	H
	2490.00	-55.18	-13	-42.18	-57.80	1.43	6.20	H
	3318.00	-53.33	-13	-40.33	-57.77	1.71	8.30	H
	4146.00	-60.36	-13	-47.36	-65.00	2.02	8.80	H
	4980.00	-52.91	-13	-39.91	-58.15	2.31	9.70	H
	1660.00	-41.96	-13	-28.96	-45.20	1.11	6.50	V
	2490.00	-52.24	-13	-39.24	-54.86	1.43	6.20	V
	3318.00	-56.97	-13	-43.97	-61.41	1.71	8.30	V
	4146.00	-60.13	-13	-47.13	-64.77	2.02	8.80	V
	4980.00	-55.58	-13	-42.58	-60.82	2.31	9.70	V

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