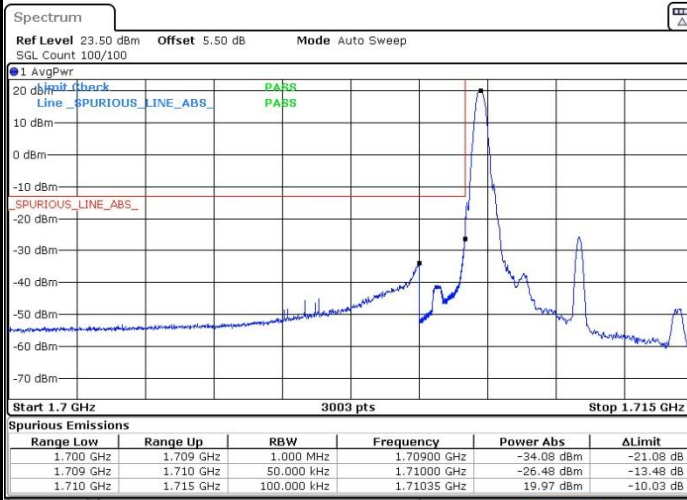




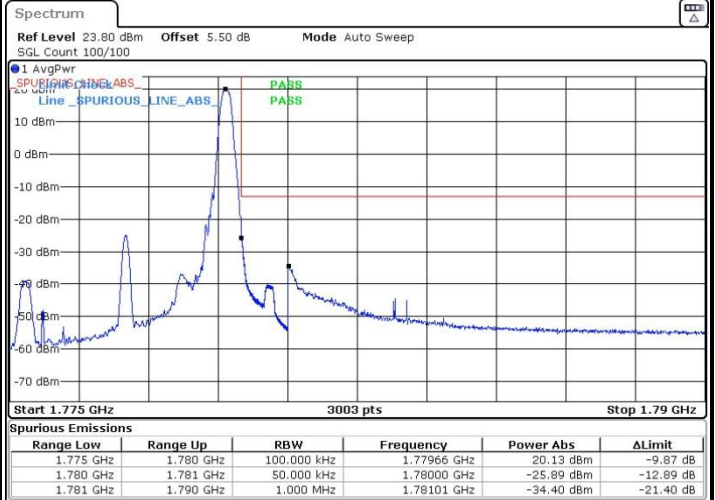
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



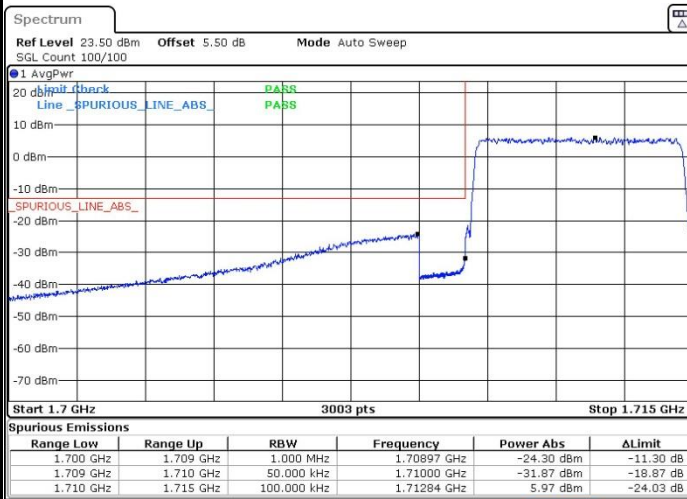
Date: 31.MAY.2022 17:20:47

Highest Band Edge / 1 RB



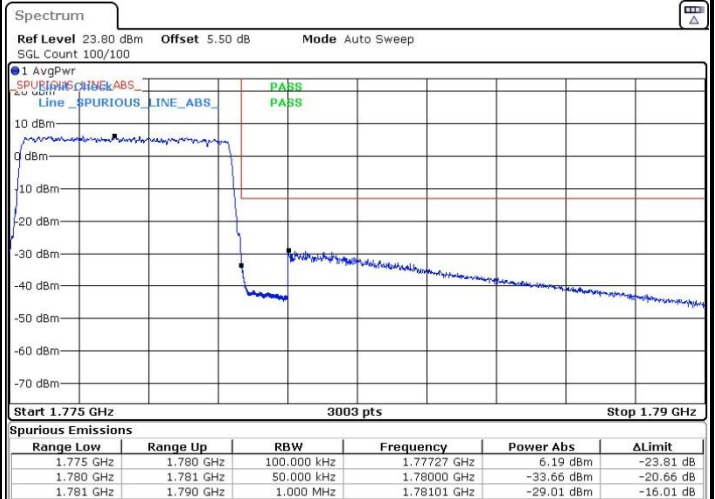
Date: 31.MAY.2022 17:29:53

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:20:01

Highest Band Edge / Full RB

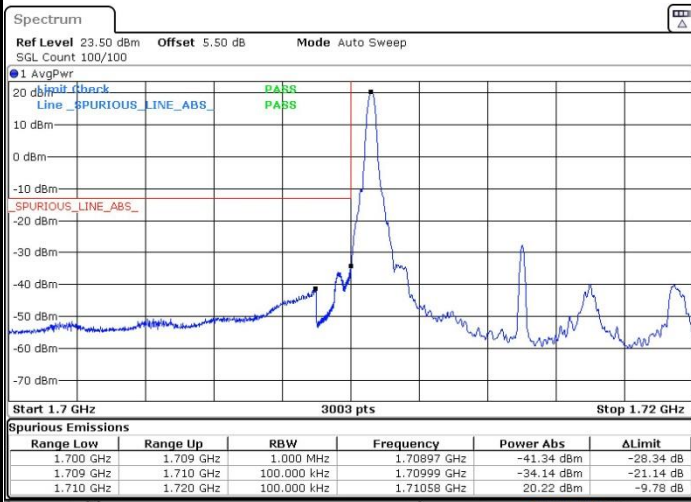


Date: 31.MAY.2022 17:29:18



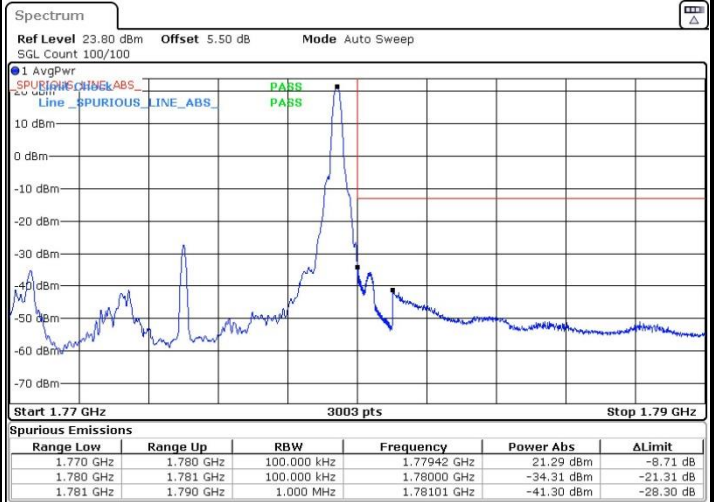
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



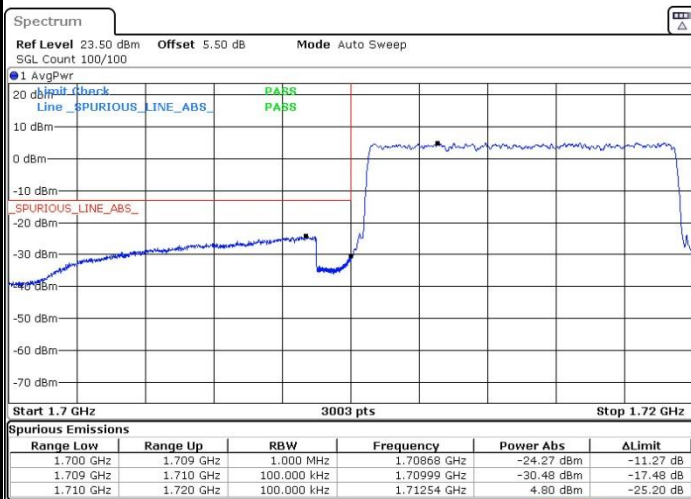
Date: 31.MAY.2022 17:36:59

Highest Band Edge / 1 RB



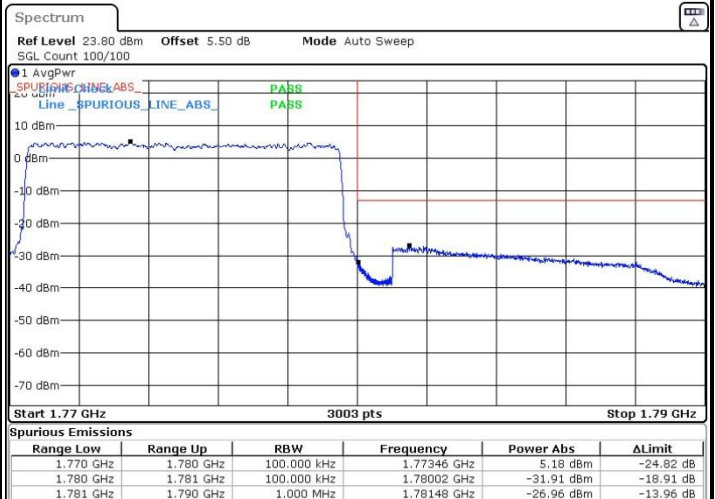
Date: 31.MAY.2022 17:44:49

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:35:01

Highest Band Edge / Full RB

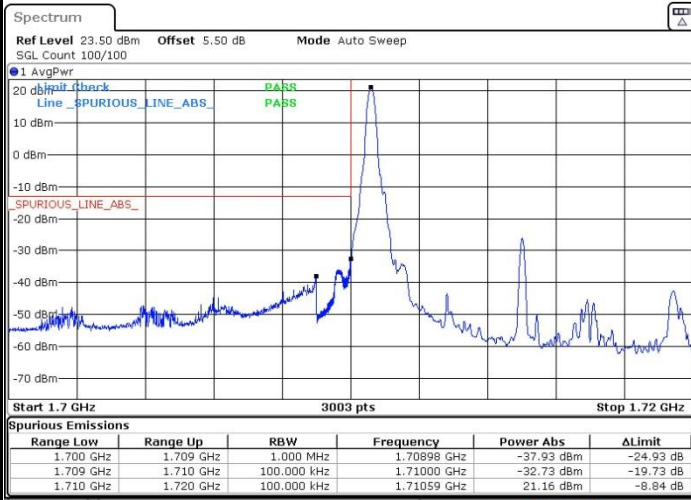


Date: 31.MAY.2022 17:42:33



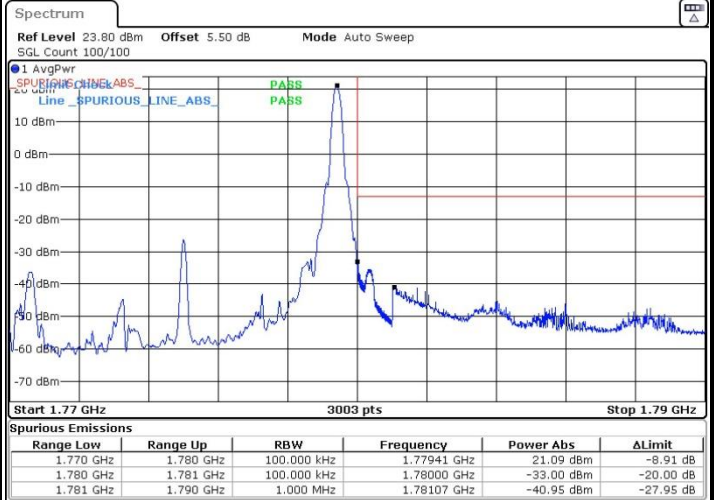
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 31.MAY.2022 17:36:28

Highest Band Edge / 1 RB



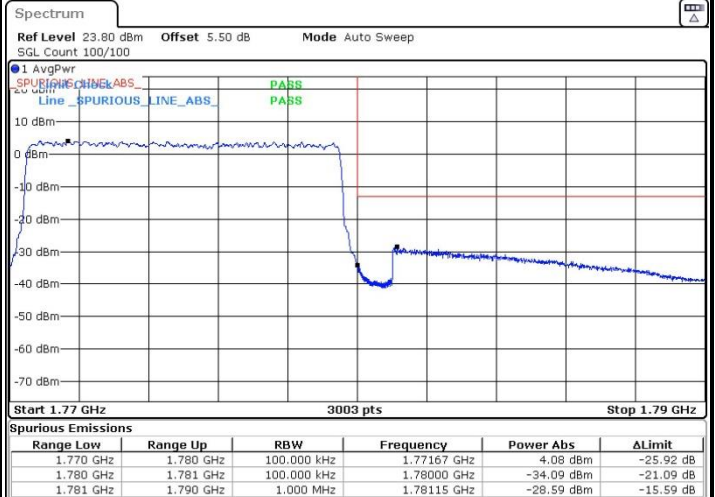
Date: 31.MAY.2022 17:44:26

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:35:22

Highest Band Edge / Full RB

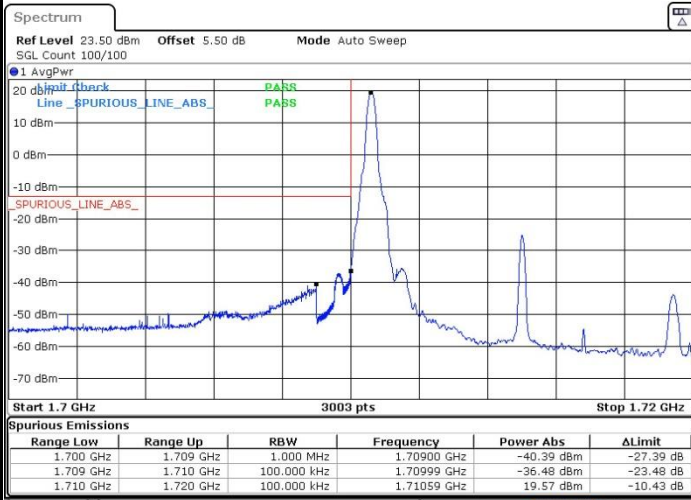


Date: 31.MAY.2022 17:42:52



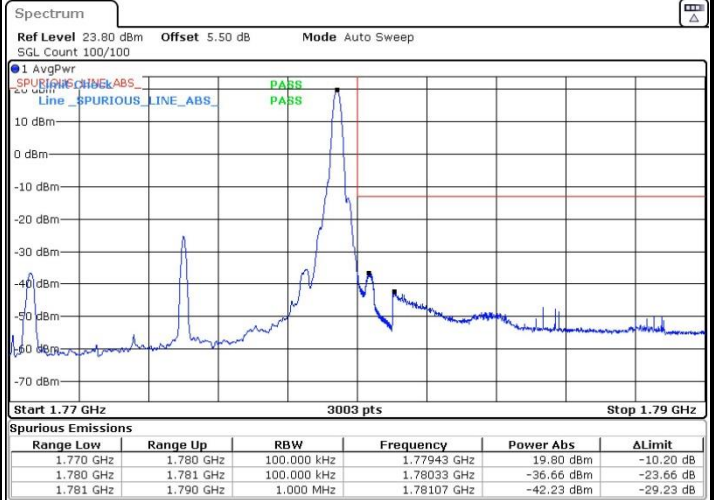
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



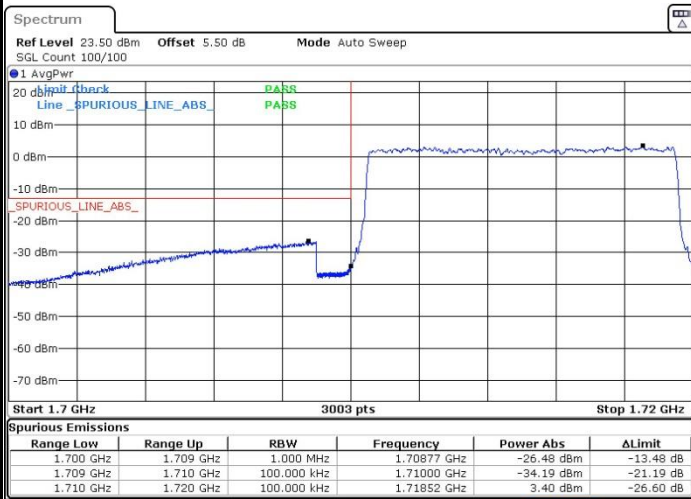
Date: 31.MAY.2022 17:36:09

Highest Band Edge / 1 RB



Date: 31.MAY.2022 17:44:08

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:35:44

Highest Band Edge / Full RB

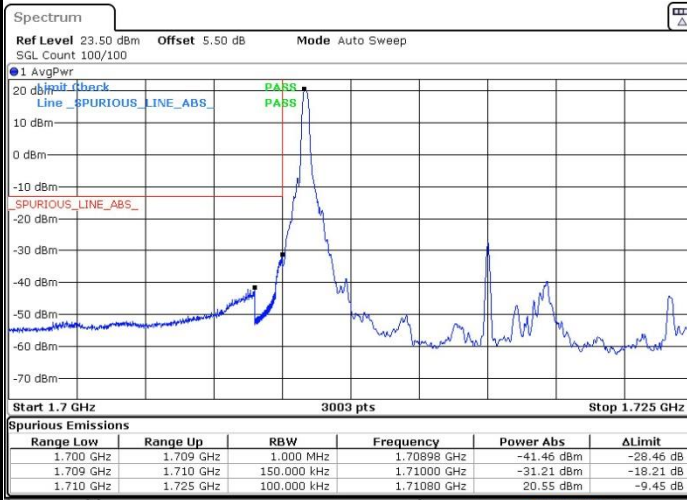


Date: 31.MAY.2022 17:43:08



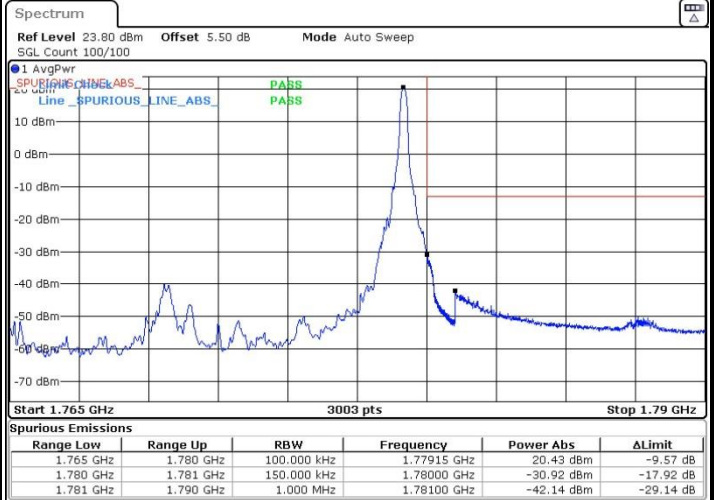
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



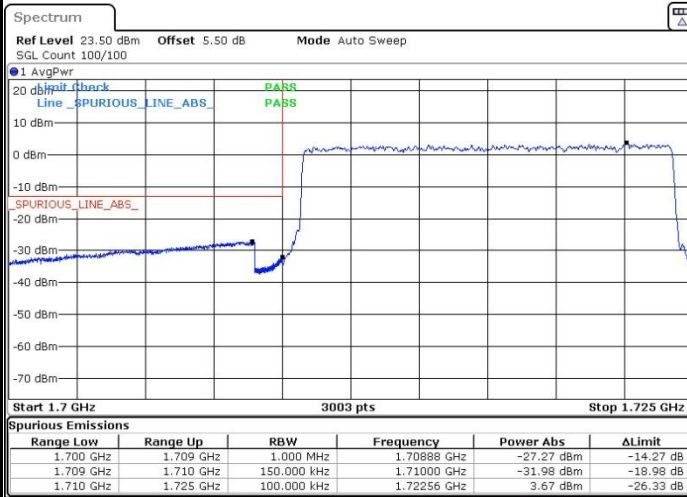
Date: 31.MAY.2022 17:51:21

Highest Band Edge / 1 RB



Date: 31.MAY.2022 17:57:44

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:49:29

Highest Band Edge / Full RB

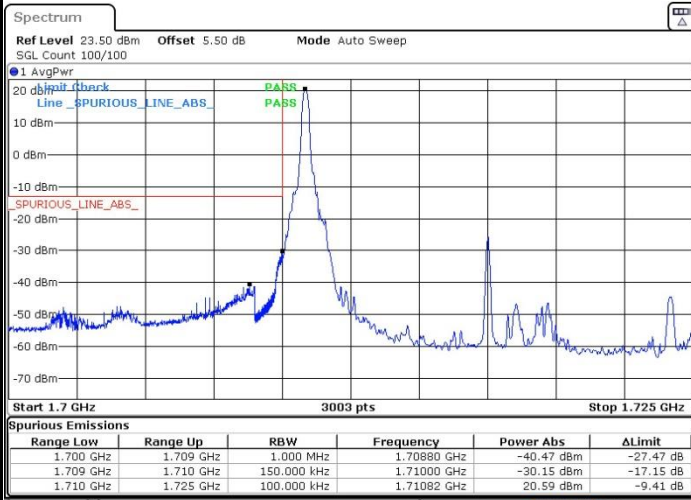


Date: 31.MAY.2022 17:55:46



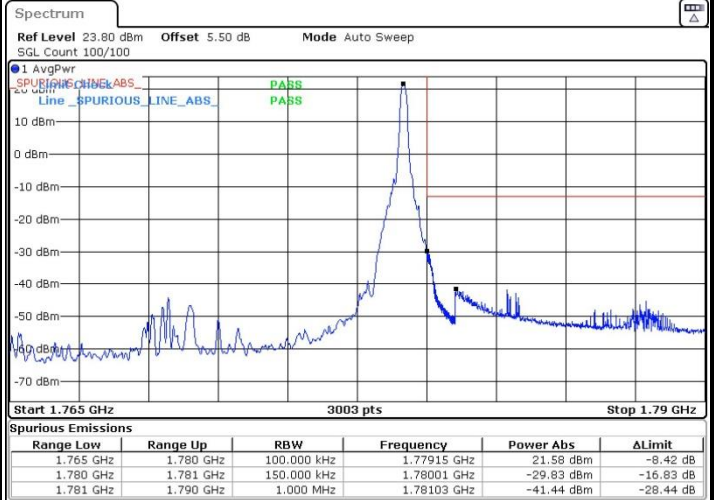
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



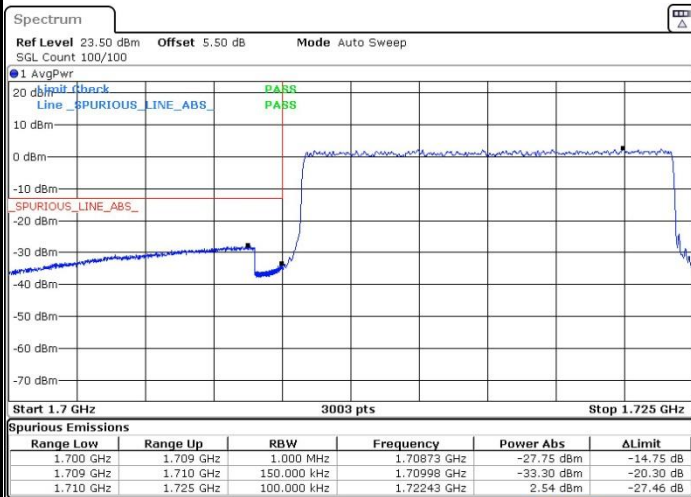
Date: 31.MAY.2022 17:50:52

Highest Band Edge / 1 RB



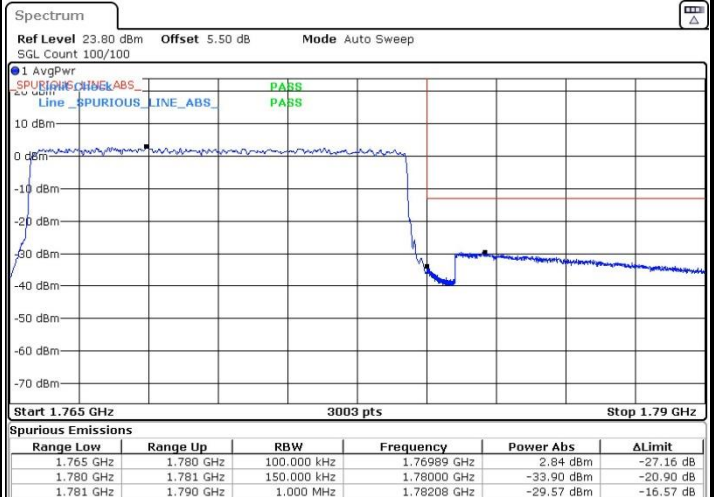
Date: 31.MAY.2022 17:57:29

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:49:46

Highest Band Edge / Full RB

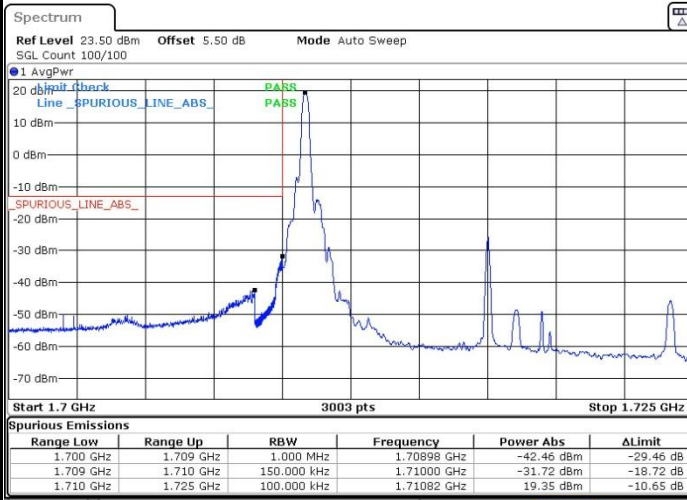


Date: 31.MAY.2022 17:56:16



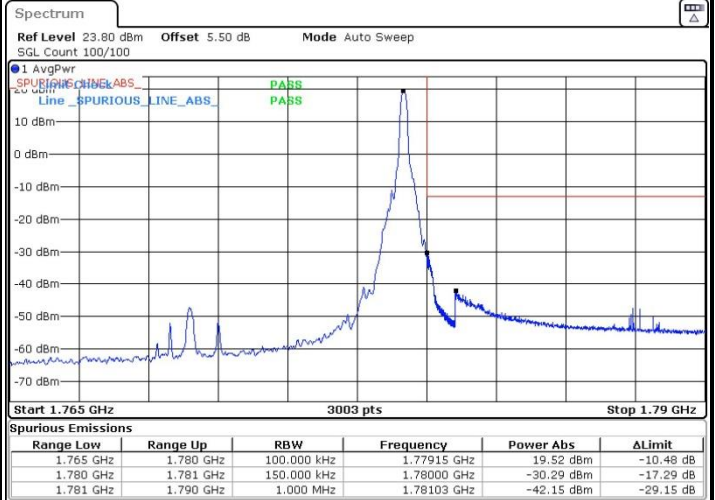
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



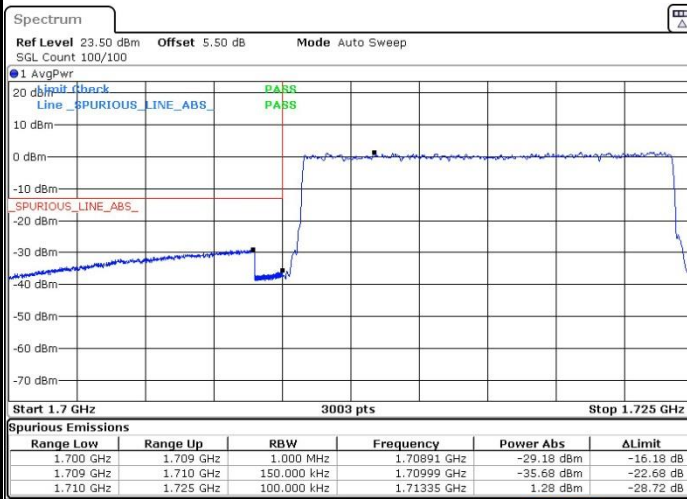
Date: 31.MAY.2022 17:50:30

Highest Band Edge / 1 RB



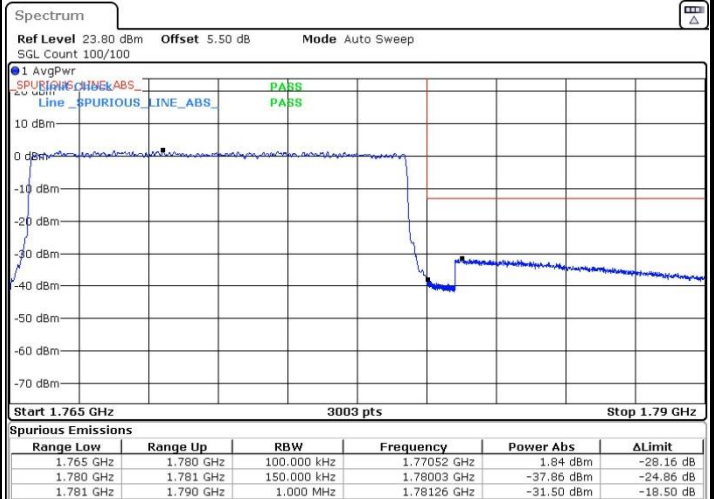
Date: 31.MAY.2022 17:57:09

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:50:01

Highest Band Edge / Full RB

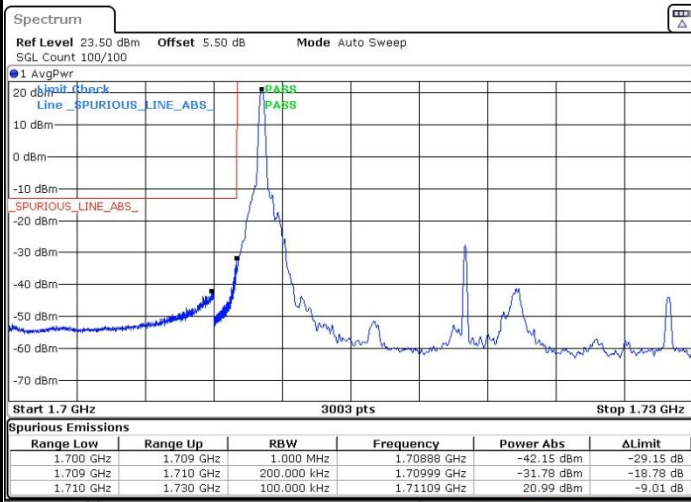


Date: 31.MAY.2022 17:56:40



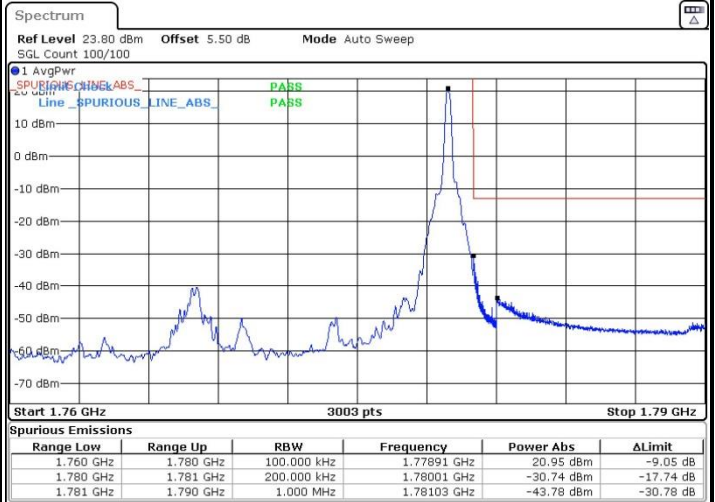
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



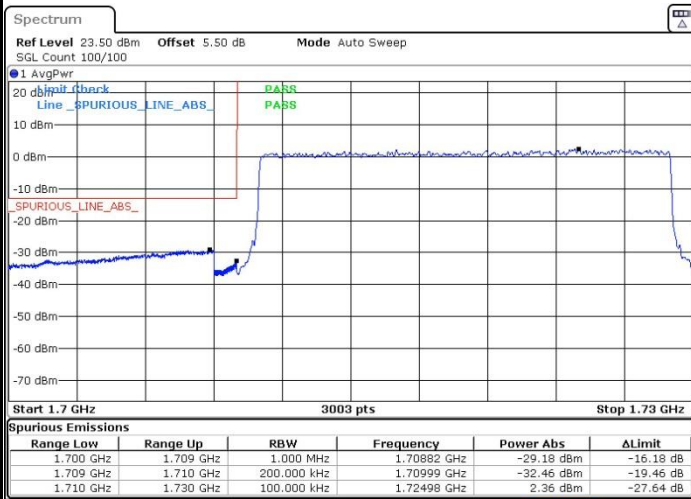
Date: 31.MAY.2022 18:02:22

Highest Band Edge / 1 RB



Date: 31.MAY.2022 18:13:59

Lowest Band Edge / Full RB



Date: 31.MAY.2022 18:00:32

Highest Band Edge / Full RB

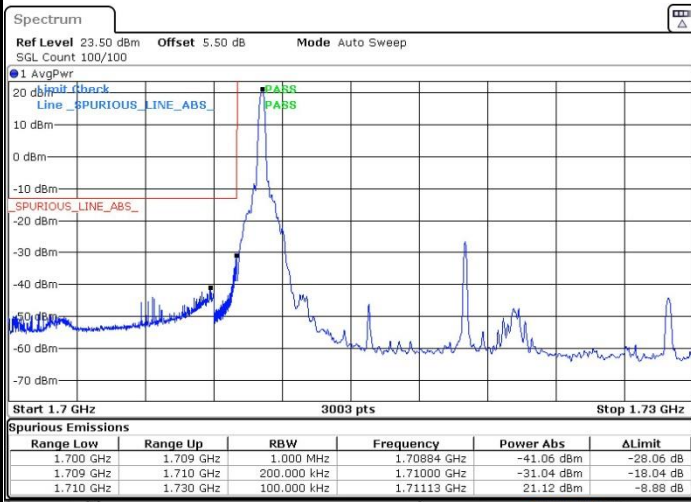


Date: 31.MAY.2022 18:11:52



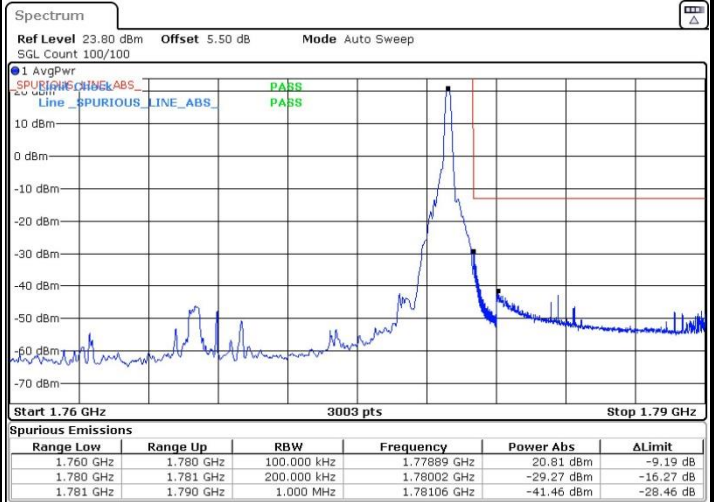
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



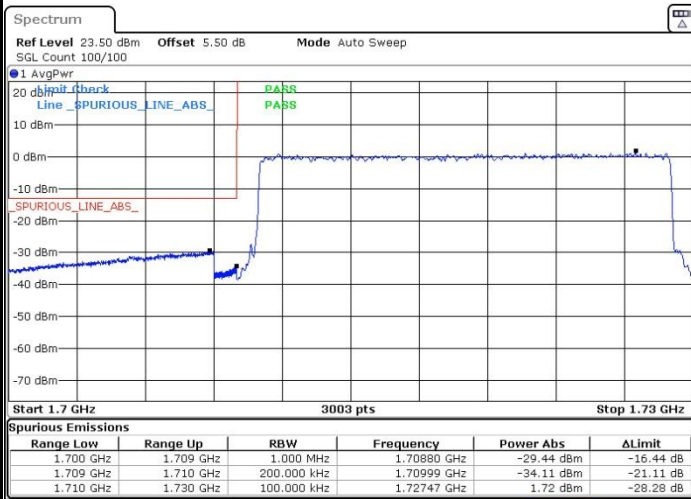
Date: 31.MAY.2022 18:01:51

Highest Band Edge / 1 RB



Date: 31.MAY.2022 18:13:35

Lowest Band Edge / Full RB



Date: 31.MAY.2022 18:00:49

Highest Band Edge / Full RB

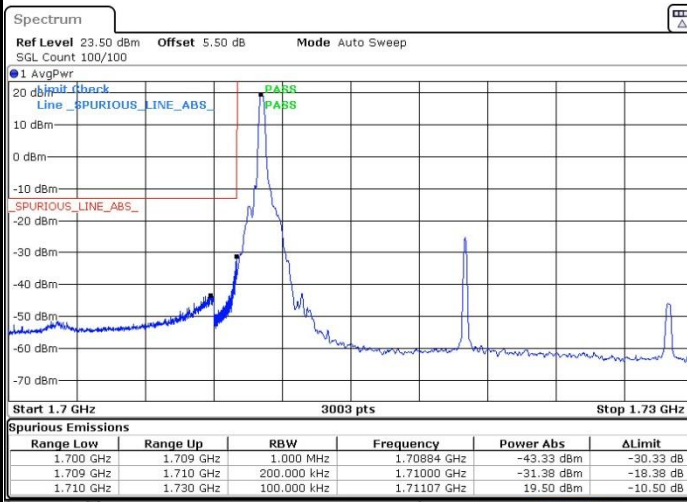


Date: 31.MAY.2022 18:12:16



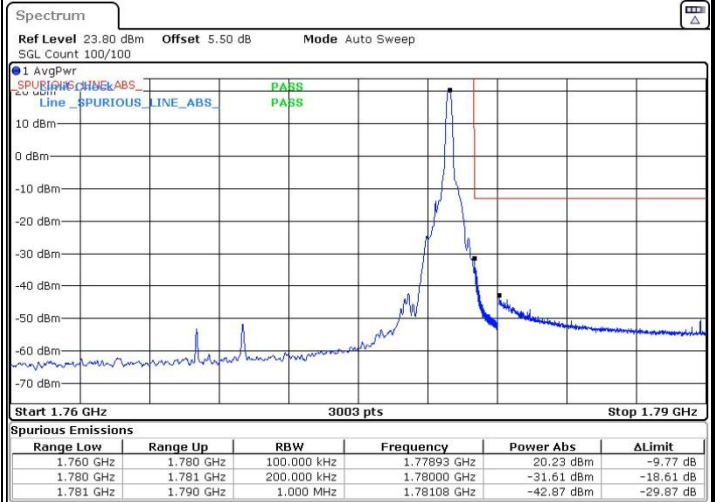
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



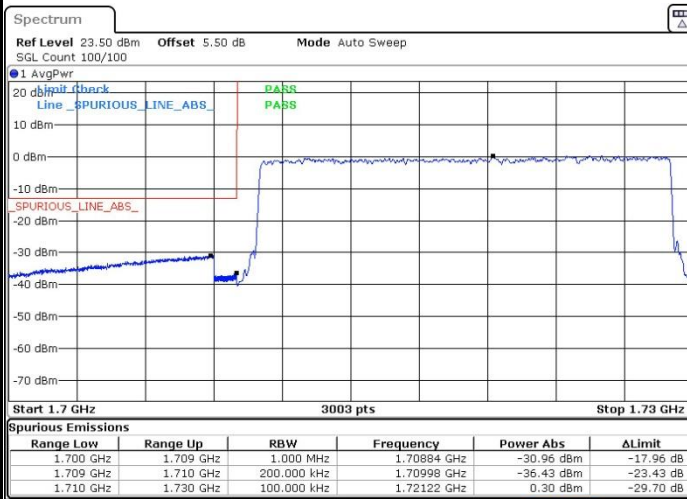
Date: 31.MAY.2022 18:01:29

Highest Band Edge / 1 RB



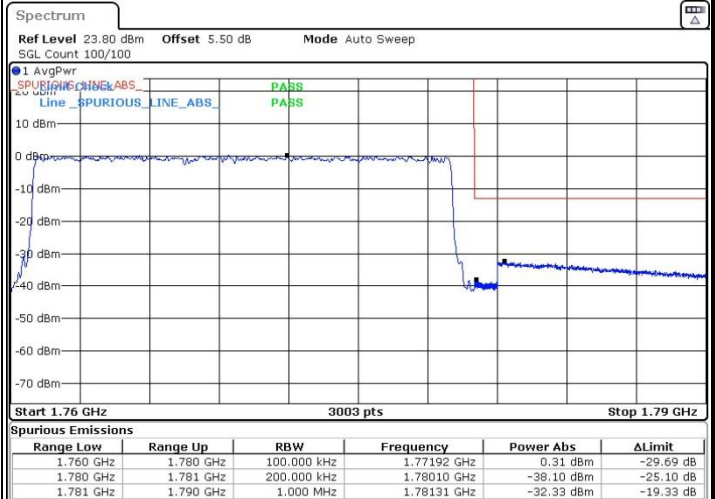
Date: 31.MAY.2022 18:13:19

Lowest Band Edge / Full RB



Date: 31.MAY.2022 18:01:06

Highest Band Edge / Full RB



Date: 31.MAY.2022 18:12:42



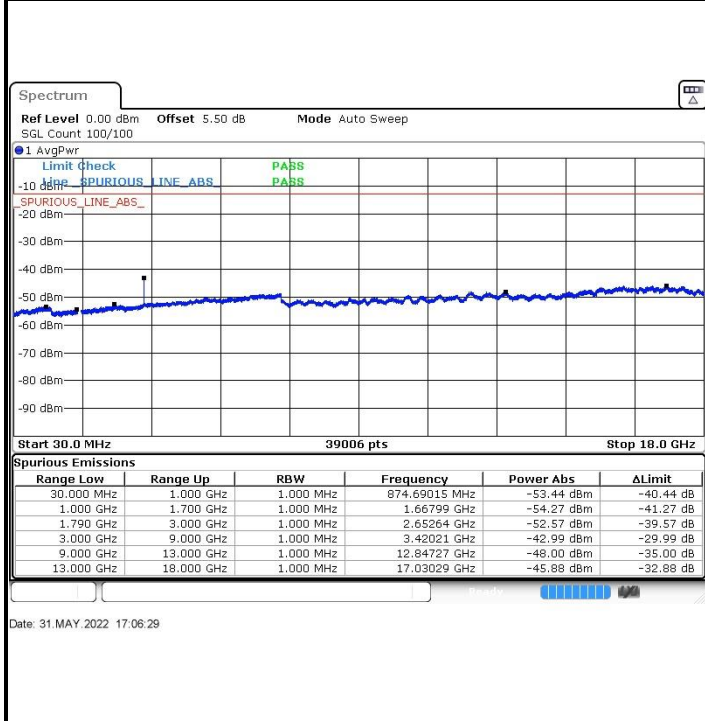
Conducted Spurious Emission



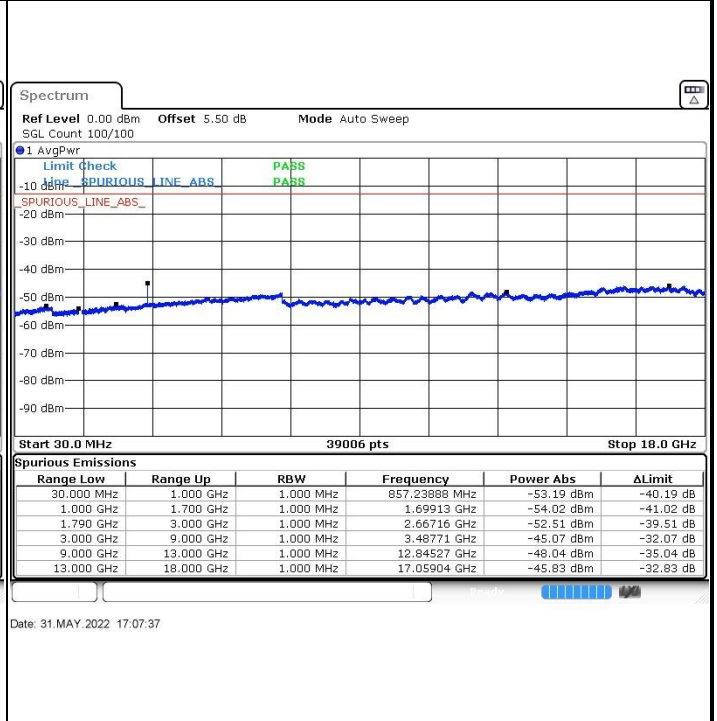


LTE Band 66 / 3MHz

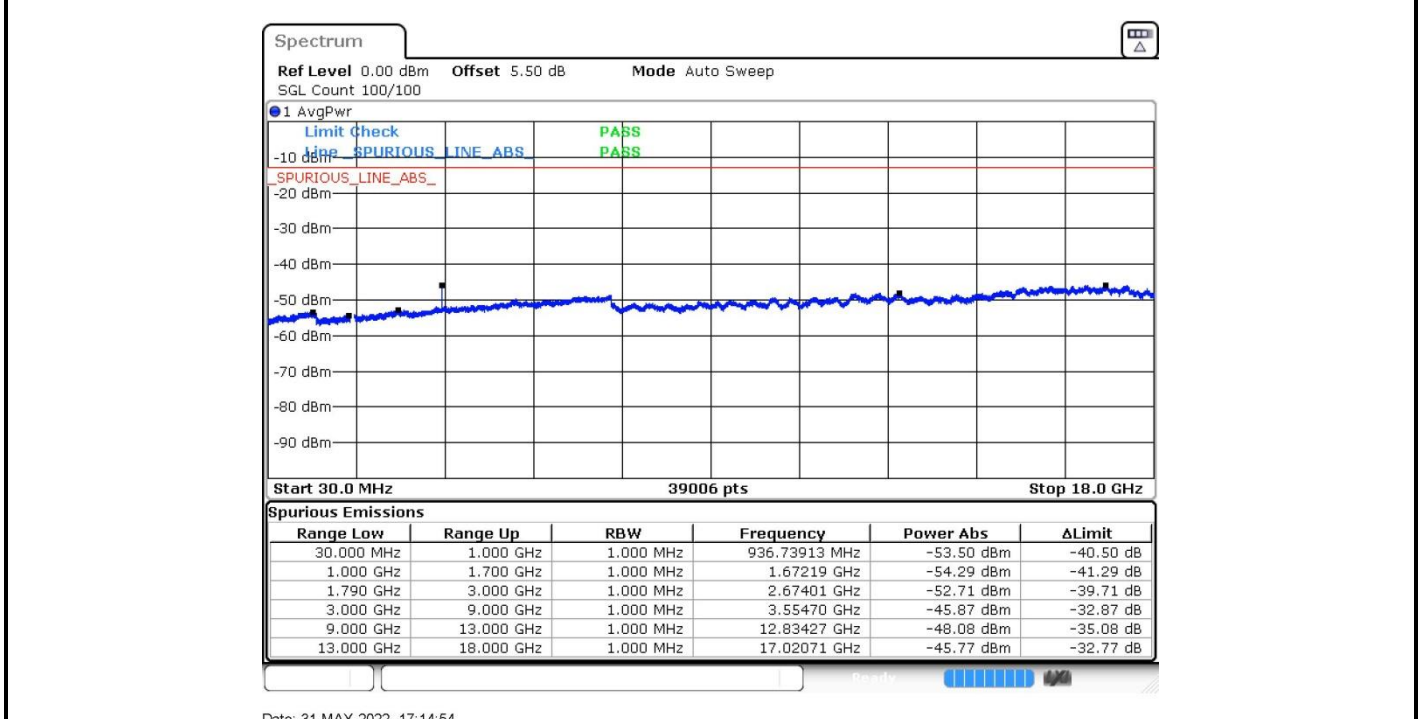
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

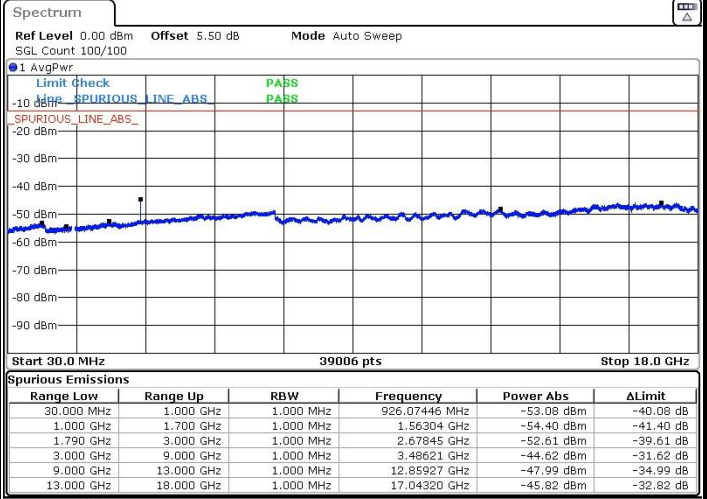
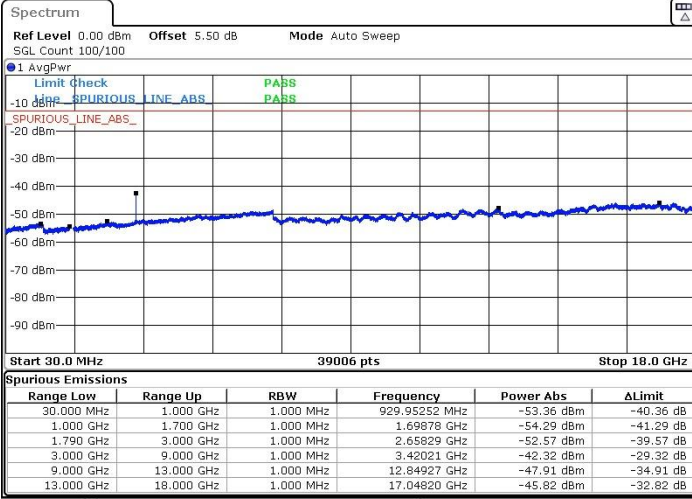




LTE Band 66 / 5MHz

Lowest Channel / QPSK

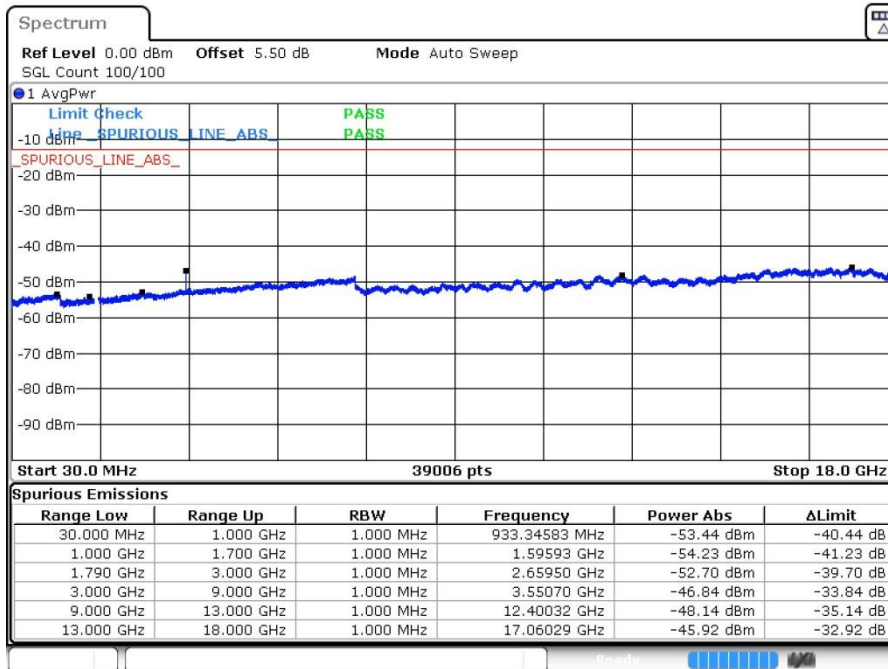
Middle Channel / QPSK



Date: 31.MAY.2022 17:22:36

Date: 31.MAY.2022 17:24:13

Highest Channel / QPSK

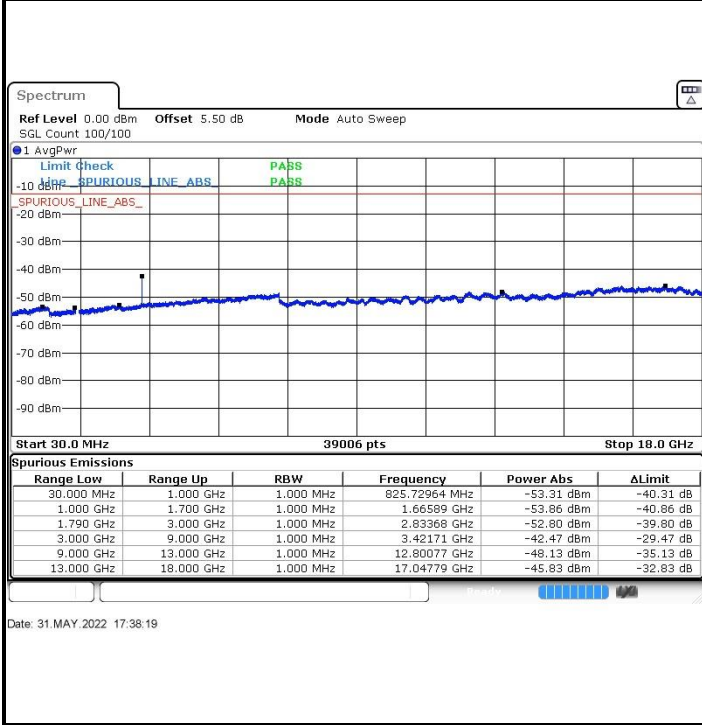


Date: 31.MAY.2022 17:31:47



LTE Band 66 / 10MHz

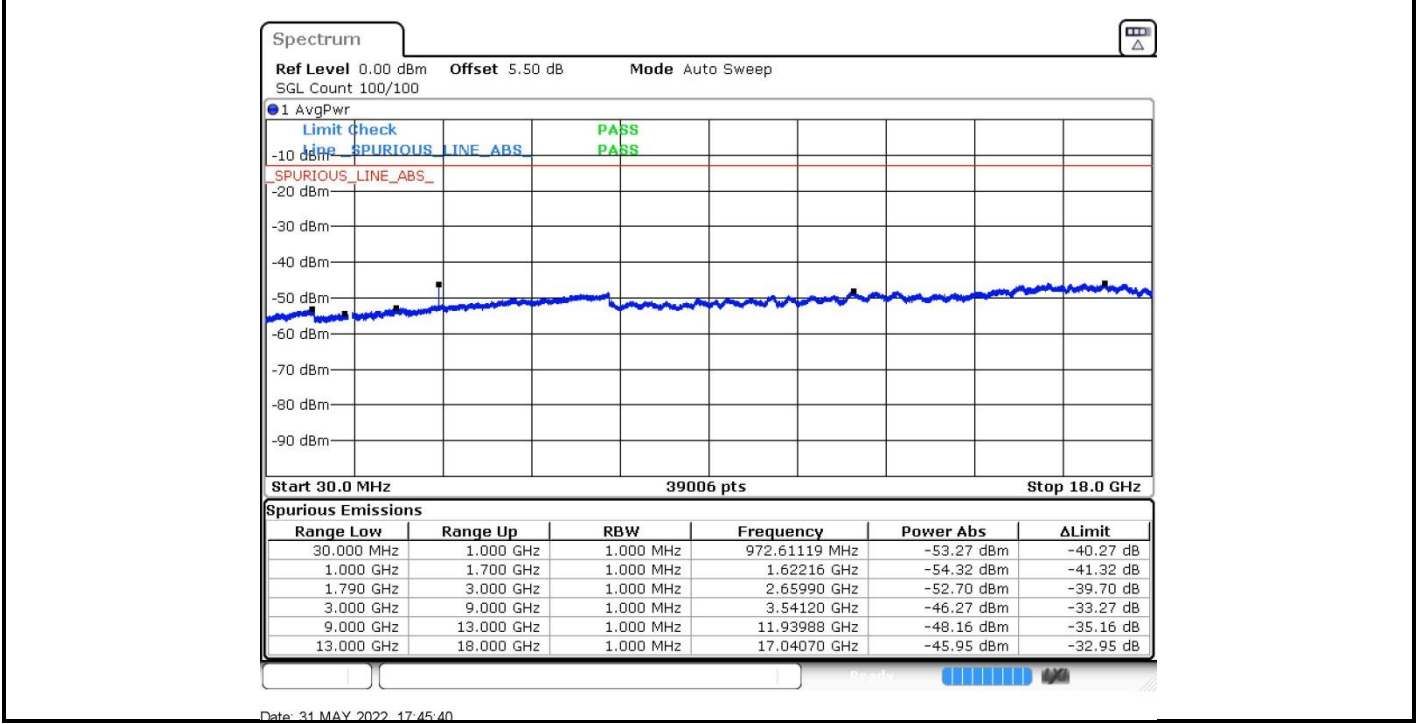
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

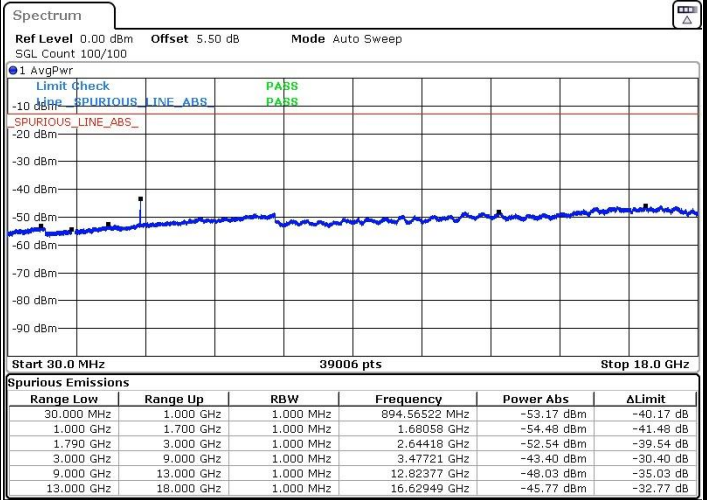
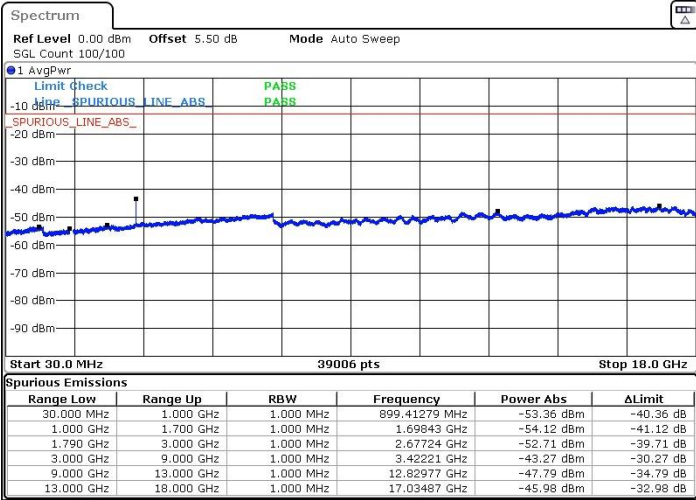




LTE Band 66 / 15MHz

Lowest Channel / QPSK

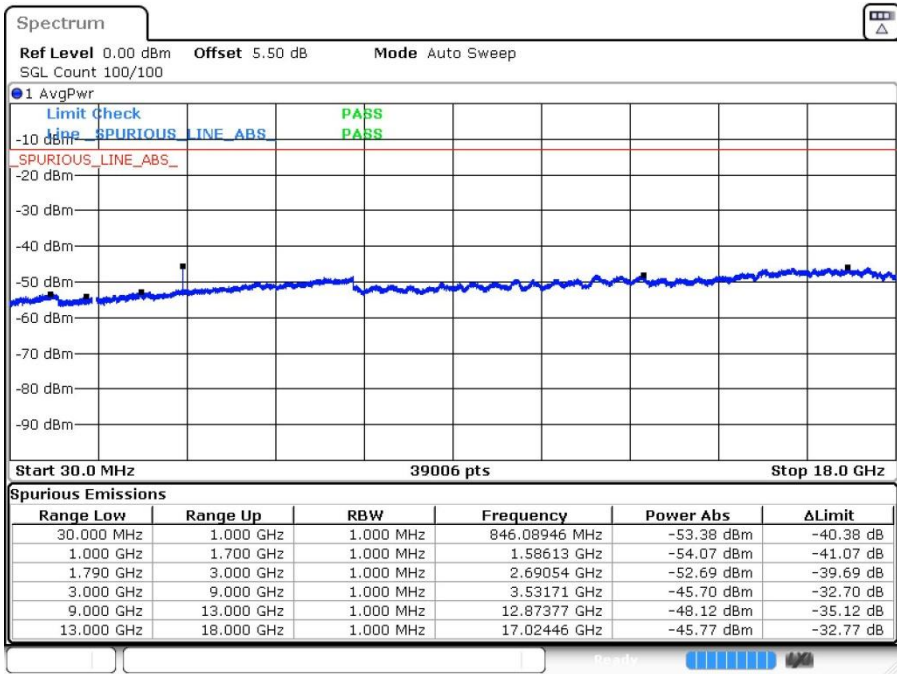
Middle Channel / QPSK



Date: 31.MAY.2022 17:52:16

Date: 31.MAY.2022 17:54:02

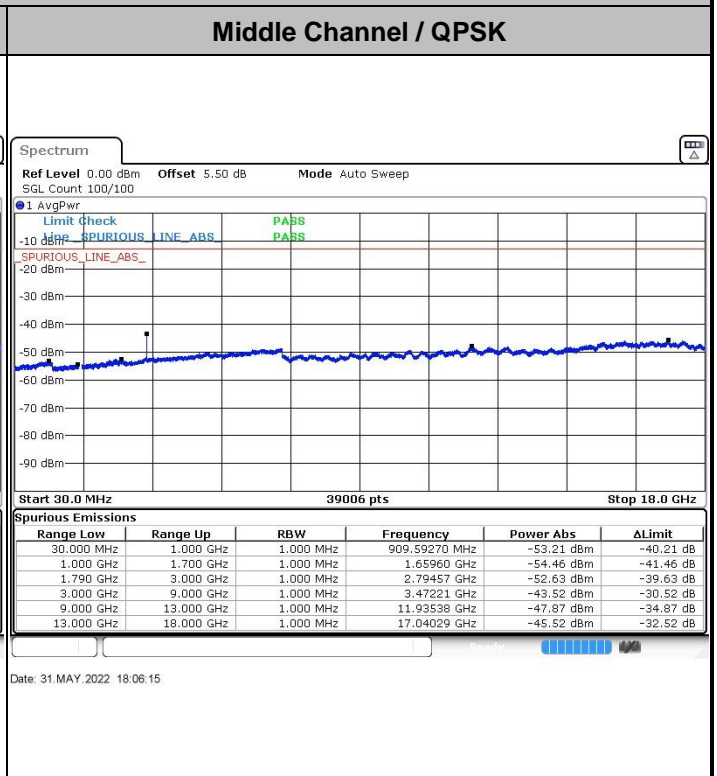
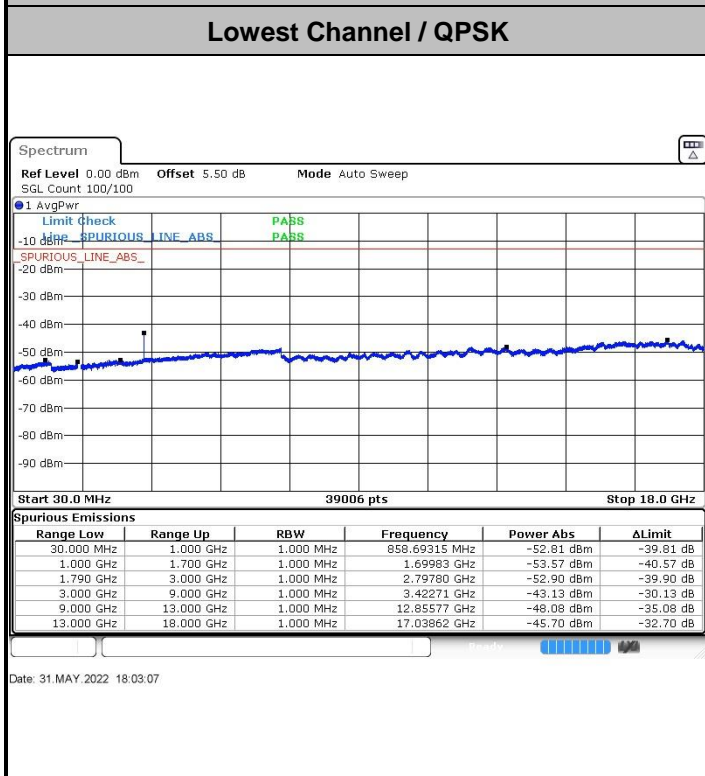
Highest Channel / QPSK



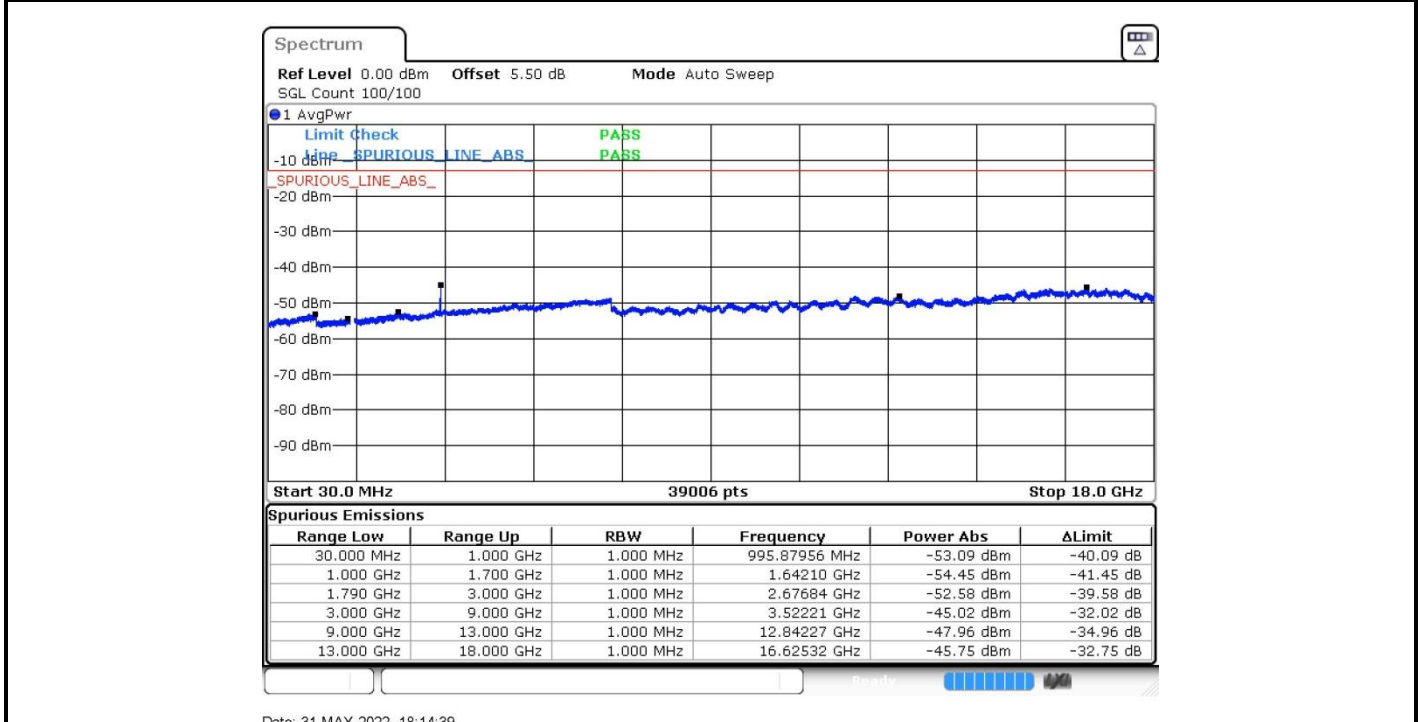
Date: 31.MAY.2022 17:58:33



LTE Band 66 / 20MHz



Highest Channel / QPSK





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	0.0005	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 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 :	23~25°C
		Relative Humidity :	41~42%

LTE Band 25 / 20MHz / QPSK for Ant 0								
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	-56.67	-13	-43.67	-68.93	2.64	14.90	H
	5553	-55.53	-13	-42.53	-67.39	2.94	14.80	H
	7404	-51.17	-13	-38.17	-60.94	3.39	13.16	H
	3702	-55.61	-13	-42.61	-67.87	2.64	14.90	V
	5553	-55.07	-13	-42.07	-66.93	2.94	14.80	V
	7404	-52.44	-13	-39.44	-62.21	3.39	13.16	V
Middle	3741	-56.34	-13	-43.34	-68.60	2.64	14.90	H
	5613	-54.47	-13	-41.47	-66.33	2.94	14.80	H
	7488	-51.82	-13	-38.82	-61.59	3.39	13.16	H
	3741	-56.60	-13	-43.60	-68.86	2.64	14.90	V
	5613	-55.18	-13	-42.18	-67.04	2.94	14.80	V
	7488	-52.17	-13	-39.17	-61.94	3.39	13.16	V
Highest	3792	-57.14	-13	-44.14	-69.40	2.64	14.90	H
	5688	-54.96	-13	-41.96	-66.82	2.94	14.80	H
	7584	-52.02	-13	-39.02	-61.79	3.39	13.16	H
	3792	-57.31	-13	-44.31	-69.57	2.64	14.90	V
	5688	-55.11	-13	-42.11	-66.97	2.94	14.80	V
	7584	-51.98	-13	-38.98	-61.75	3.39	13.16	V

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



LTE Band 26 / 15MHz / QPSK for Ant 0								
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	1648	-65.35	-13	-52.35	-72.32	1.58	10.70	H
	2472	-60.53	-13	-47.53	-68.78	2.102	12.50	H
	3296	-59.95	-13	-46.95	-68.84	2.856	13.90	H
	1648	-63.80	-13	-50.80	-70.77	1.58	10.70	V
	2472	-58.83	-13	-45.83	-67.08	2.10	12.50	V
	3296	-59.41	-13	-46.41	-68.30	2.86	13.90	V
Middle	1656	-65.26	-13	-52.26	-72.23	1.58	10.70	H
	2488	-60.84	-13	-47.84	-69.09	2.102	12.50	H
	3320	-59.84	-13	-46.84	-68.73	2.856	13.90	H
	1656	-64.18	-13	-51.18	-71.15	1.58	10.70	V
	2488	-59.06	-13	-46.06	-67.31	2.10	12.50	V
	3320	-60.09	-13	-47.09	-68.98	2.86	13.90	V
Highest	1672	-65.15	-13	-52.15	-72.12	1.58	10.70	H
	2504	-60.69	-13	-47.69	-68.94	2.102	12.50	H
	3336	-59.94	-13	-46.94	-68.83	2.856	13.90	H
	1672	-64.21	-13	-51.21	-71.18	1.58	10.70	V
	2504	-59.38	-13	-46.38	-67.63	2.10	12.50	V
	3336	-60.00	-13	-47.00	-68.89	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK for Ant 0								
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	3423	-56.88	-13	-43.88	-67.62	2.604	13.34	H
	5133	-53.50	-13	-40.50	-64.01	3.011	13.52	H
	6840	-54.10	-13	-41.10	-64.30	3.271	13.47	H
	3423	-57.89	-13	-44.89	-68.63	2.604	13.34	V
	5133	-53.64	-13	-40.64	-64.15	3.011	13.52	V
	6840	-53.68	-13	-40.68	-63.88	3.271	13.47	V
Middle	3471	-57.77	-13	-44.77	-68.51	2.604	13.34	H
	5208	-54.49	-13	-41.49	-65.00	3.011	13.52	H
	6948	-53.46	-13	-40.46	-63.66	3.271	13.47	H
	3471	-58.57	-13	-45.57	-69.31	2.604	13.34	V
	5208	-54.86	-13	-41.86	-65.37	3.011	13.52	V
	6948	-53.10	-13	-40.10	-63.30	3.271	13.47	V
Highest	3522	-56.45	-13	-43.45	-67.19	2.604	13.34	H
	5283	-54.78	-13	-41.78	-65.29	3.011	13.52	H
	7044	-53.22	-13	-40.22	-63.42	3.271	13.47	H
	3522	-56.75	-13	-43.75	-67.49	2.604	13.34	V
	5283	-54.75	-13	-41.75	-65.26	3.011	13.52	V
	7044	-53.22	-13	-40.22	-63.42	3.271	13.47	V

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



LTE Band 5B / 10MHz + 10MHz / QPSK for Ant 0								
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 (1RB0)	1648.00	-65.11	-13	-52.11	-68.35	1.11	6.50	H
	2472.00	-61.30	-13	-48.30	-63.92	1.43	6.20	H
	3296.00	-60.26	-13	-47.26	-64.70	1.71	8.30	H
	1648.00	-64.05	-13	-51.05	-67.29	1.11	6.50	V
	2472.00	-59.17	-13	-46.17	-61.79	1.43	6.20	V
	3296.00	-60.27	-13	-47.27	-64.71	1.71	8.30	V
Lowest (1RB MAX)	1664.00	-65.01	-13	-52.01	-68.25	1.11	6.50	H
	2504.00	-60.87	-13	-47.87	-63.49	1.43	6.20	H
	3336.00	-60.16	-13	-47.16	-64.60	1.71	8.30	H
	1664.00	-65.24	-13	-52.24	-68.48	1.11	6.50	V
	2504.00	-59.39	-13	-46.39	-62.01	1.43	6.20	V
	3336.00	-60.24	-13	-47.24	-64.68	1.71	8.30	V
Middle (1RB0)	1656.00	-63.94	-13	-50.94	-67.18	1.11	6.50	H
	2480.00	-60.75	-13	-47.75	-63.37	1.43	6.20	H
	3304.00	-60.26	-13	-47.26	-64.70	1.71	8.30	H
	1656.00	-63.86	-13	-50.86	-67.10	1.11	6.50	V
	2480.00	-59.09	-13	-46.09	-61.71	1.43	6.20	V
	3304.00	-60.09	-13	-47.09	-64.53	1.71	8.30	V
Middle (1RB MAX)	1672.00	-64.64	-13	-51.64	-67.88	1.11	6.50	H
	2512.00	-60.44	-13	-47.44	-63.06	1.43	6.20	H
	3344.00	-60.05	-13	-47.05	-64.49	1.71	8.30	H
	1672.00	-63.81	-13	-50.81	-67.05	1.11	6.50	V
	2512.00	-59.50	-13	-46.50	-62.12	1.43	6.20	V
	3344.00	-59.81	-13	-46.81	-64.25	1.71	8.30	V
Highest (1RB0)	1656.00	-65.50	-13	-52.50	-68.74	1.11	6.50	H
	2488.00	-61.33	-13	-48.33	-63.95	1.43	6.20	H
	3320.00	-60.64	-13	-47.64	-65.08	1.71	8.30	H
	1656.00	-64.96	-13	-51.96	-68.20	1.11	6.50	V
	2488.00	-59.44	-13	-46.44	-62.06	1.43	6.20	V
	3320.00	-60.66	-13	-47.66	-65.10	1.71	8.30	V
Highest (1RB MAX)	1680.00	-65.42	-13	-52.42	-68.66	1.11	6.50	H
	2512.00	-60.36	-13	-47.36	-62.98	1.43	6.20	H
	3352.00	-60.75	-13	-47.75	-65.19	1.71	8.30	H
	1680.00	-64.12	-13	-51.12	-67.36	1.11	6.50	V
	2512.00	-59.64	-13	-46.64	-62.26	1.43	6.20	V
	3352.00	-60.60	-13	-47.60	-65.04	1.71	8.30	V

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



LTE Band 66B / 10MHz + 10MHz / QPSK for Ant 0								
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 (1RB0)	3420	-58.16	-13	-45.16	-68.90	2.604	13.34	H
	5130	-54.59	-13	-41.59	-65.10	3.011	13.52	H
	6840	-53.57	-13	-40.57	-63.77	3.271	13.47	H
	3420	-58.28	-13	-45.28	-69.02	2.604	13.34	V
	5130	-54.50	-13	-41.50	-65.01	3.011	13.52	V
	6840	-53.46	-13	-40.46	-63.66	3.271	13.47	V
Lowest (1RB MAX)	3438	-58.21	-13	-45.21	-68.95	2.604	13.34	H
	5160	-54.17	-13	-41.17	-64.68	3.011	13.52	H
	6876	-53.62	-13	-40.62	-63.82	3.271	13.47	H
	3438	-58.24	-13	-45.24	-68.98	2.604	13.34	V
	5160	-54.39	-13	-41.39	-64.90	3.011	13.52	V
	6876	-53.45	-13	-40.45	-63.65	3.271	13.47	V
Middle (1RB0)	3492	-57.39	-13	-44.39	-68.13	2.604	13.34	H
	5238	-54.11	-13	-41.11	-64.62	3.011	13.52	H
	6984	-53.30	-13	-40.30	-63.50	3.271	13.47	H
	3492	-58.02	-13	-45.02	-68.76	2.604	13.34	V
	5238	-54.65	-13	-41.65	-65.16	3.011	13.52	V
	6984	-52.86	-13	-39.86	-63.06	3.271	13.47	V
Middle (1RB MAX)	3510	-57.95	-13	-44.95	-68.69	2.604	13.34	H
	5265	-54.71	-13	-41.71	-65.22	3.011	13.52	H
	7020	-53.21	-13	-40.21	-63.41	3.271	13.47	H
	3510	-57.76	-13	-44.76	-68.50	2.604	13.34	V
	5265	-54.50	-13	-41.50	-65.01	3.011	13.52	V
	7020	-53.09	-13	-40.09	-63.29	3.271	13.47	V
Highest (1RB0)	3522	-57.21	-13	-44.21	-67.95	2.604	13.34	H
	5283	-54.48	-13	-41.48	-64.99	3.011	13.52	H
	7044	-53.36	-13	-40.36	-63.56	3.271	13.47	H
	3522	-57.56	-13	-44.56	-68.30	2.604	13.34	V
	5283	-55.09	-13	-42.09	-65.60	3.011	13.52	V
	7044	-53.20	-13	-40.20	-63.40	3.271	13.47	V
Highest (1RB MAX)	3540	-57.38	-13	-44.38	-68.12	2.604	13.34	H
	5310	-54.68	-13	-41.68	-65.19	3.011	13.52	H
	7080	-52.85	-13	-39.85	-63.05	3.271	13.47	H
	3540	-57.46	-13	-44.46	-68.20	2.604	13.34	V
	5310	-54.33	-13	-41.33	-64.84	3.011	13.52	V
	7080	-53.09	-13	-40.09	-63.29	3.271	13.47	V

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



LTE Band 66C / 20MHz + 20MHz / QPSK for Ant 0								
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 (1RB0)	3423	-58.14	-13	-45.14	-68.88	2.604	13.34	H
	5133	-54.04	-13	-41.04	-64.55	3.011	13.52	H
	6840	-54.09	-13	-41.09	-64.29	3.271	13.47	H
	3423	-58.49	-13	-45.49	-69.23	2.604	13.34	V
	5133	-54.86	-13	-41.86	-65.37	3.011	13.52	V
	6840	-54.14	-13	-41.14	-64.34	3.271	13.47	V
Lowest (1RB MAX)	3459	-57.70	-13	-44.70	-68.44	2.604	13.34	H
	5187	-55.06	-13	-42.06	-65.57	3.011	13.52	H
	6912	-53.84	-13	-40.84	-64.04	3.271	13.47	H
	3459	-58.27	-13	-45.27	-69.01	2.604	13.34	V
	5187	-55.06	-13	-42.06	-65.57	3.011	13.52	V
	6912	-53.51	-13	-40.51	-63.71	3.271	13.47	V
Middle (1RB0)	3471	-57.98	-13	-44.98	-68.72	2.604	13.34	H
	5208	-54.95	-13	-41.95	-65.46	3.011	13.52	H
	6948	-53.45	-13	-40.45	-63.65	3.271	13.47	H
	3471	-58.60	-13	-45.60	-69.34	2.604	13.34	V
	5208	-54.81	-13	-41.81	-65.32	3.011	13.52	V
	6948	-53.65	-13	-40.65	-63.85	3.271	13.47	V
Middle (1RB MAX)	3507	-57.56	-13	-44.56	-68.30	2.604	13.34	H
	5262	-54.33	-13	-41.33	-64.84	3.011	13.52	H
	7020	-53.60	-13	-40.60	-63.80	3.271	13.47	H
	3507	-58.15	-13	-45.15	-68.89	2.604	13.34	V
	5262	-54.77	-13	-41.77	-65.28	3.011	13.52	V
	7020	-53.38	-13	-40.38	-63.58	3.271	13.47	V
Highest (1RB0)	3522	-57.54	-13	-44.54	-68.28	2.604	13.34	H
	5283	-55.08	-13	-42.08	-65.59	3.011	13.52	H
	7044	-53.38	-13	-40.38	-63.58	3.271	13.47	H
	3522	-57.68	-13	-44.68	-68.42	2.604	13.34	V
	5283	-55.20	-13	-42.20	-65.71	3.011	13.52	V
	7044	-53.64	-13	-40.64	-63.84	3.271	13.47	V
Highest (1RB MAX)	3558	-57.31	-13	-44.31	-68.05	2.604	13.34	H
	5337	-55.80	-13	-42.80	-66.31	3.011	13.52	H
	7116	-53.03	-13	-40.03	-63.23	3.271	13.47	H
	3558	-58.01	-13	-45.01	-68.75	2.604	13.34	V
	5337	-55.76	-13	-42.76	-66.27	3.011	13.52	V
	7116	-53.15	-13	-40.15	-63.35	3.271	13.47	V

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