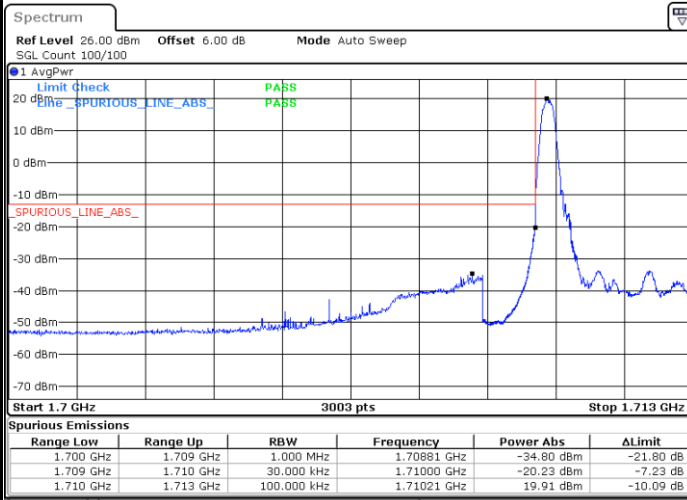


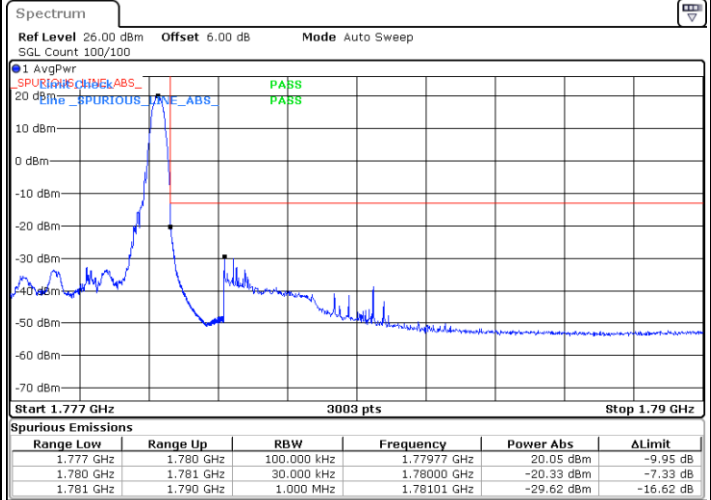


LTE Band 66 / 3MHz / 64QAM

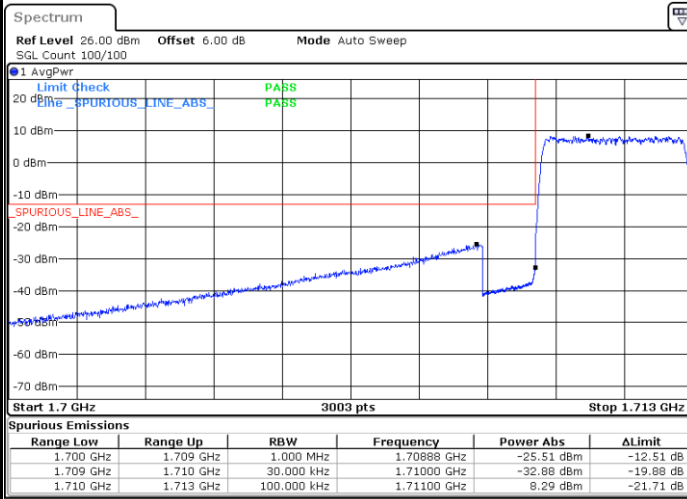
Lowest Band Edge / 1 RB



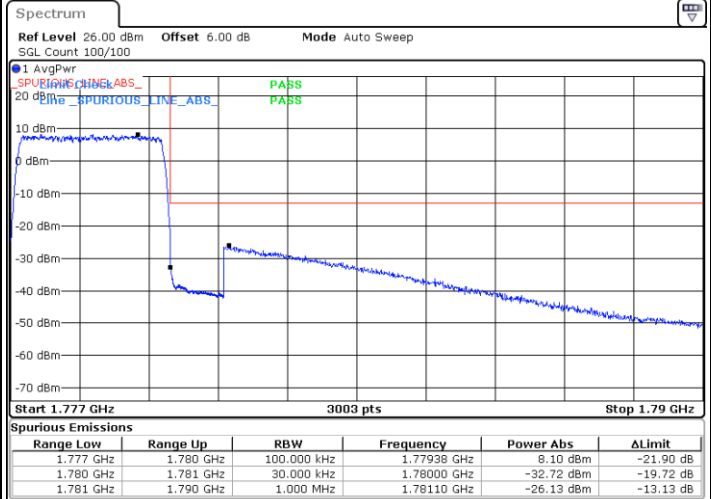
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



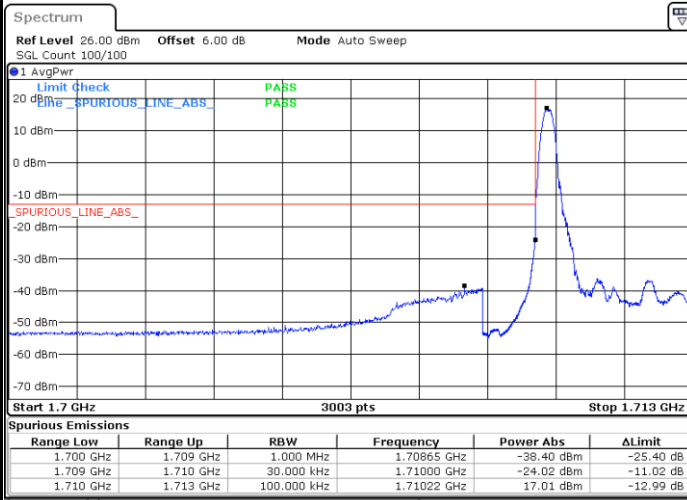
Highest Band Edge / Full RB



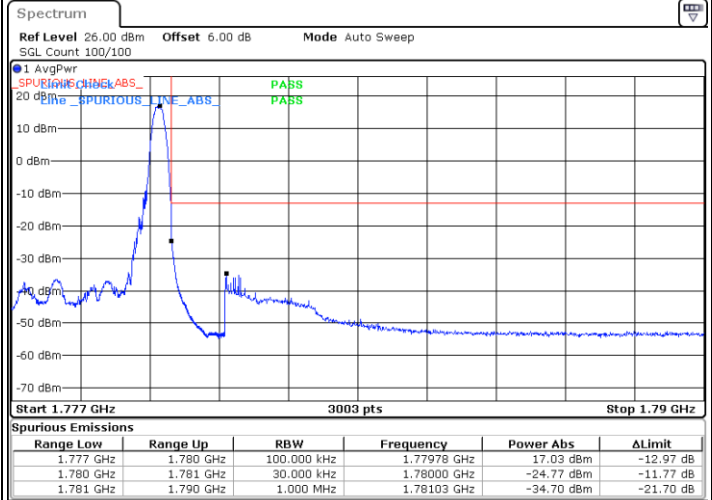


LTE Band 66 / 3MHz / 256QAM

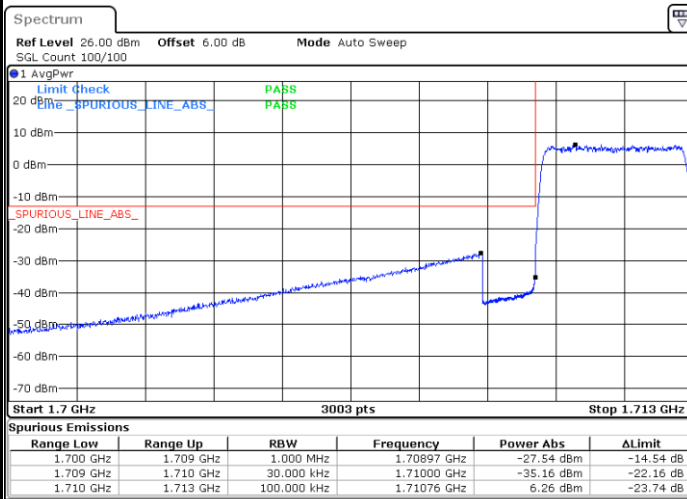
Lowest Band Edge / 1 RB



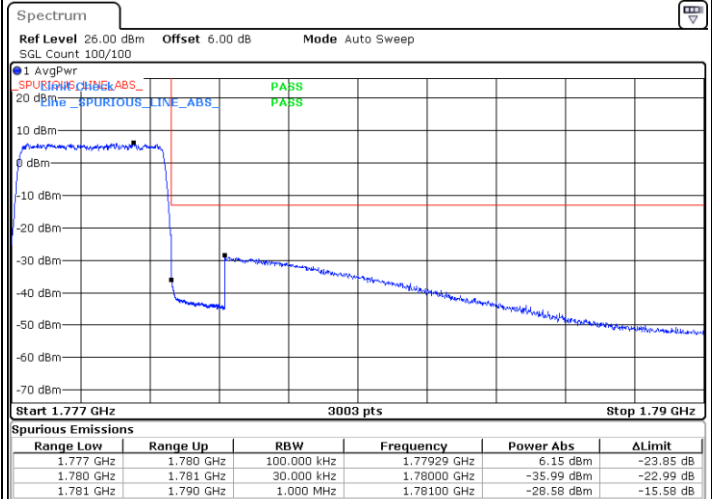
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



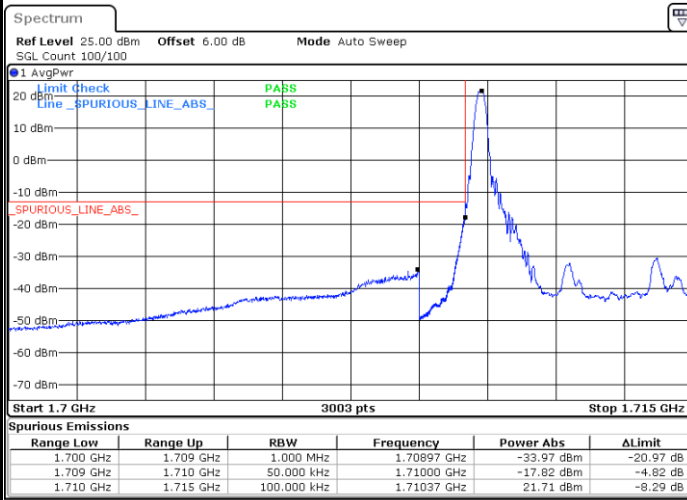
Highest Band Edge / Full RB



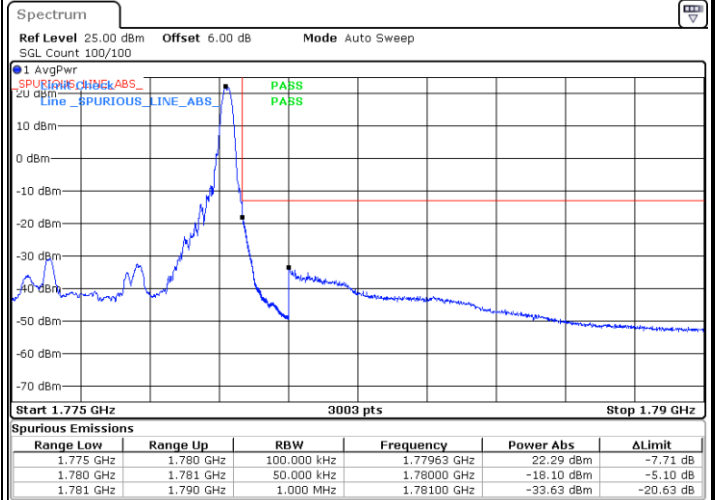


LTE Band 66 / 5MHz / QPSK

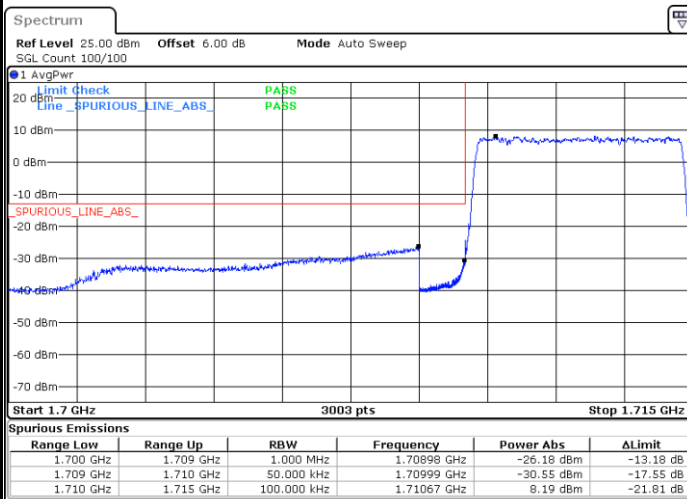
Lowest Band Edge / 1 RB



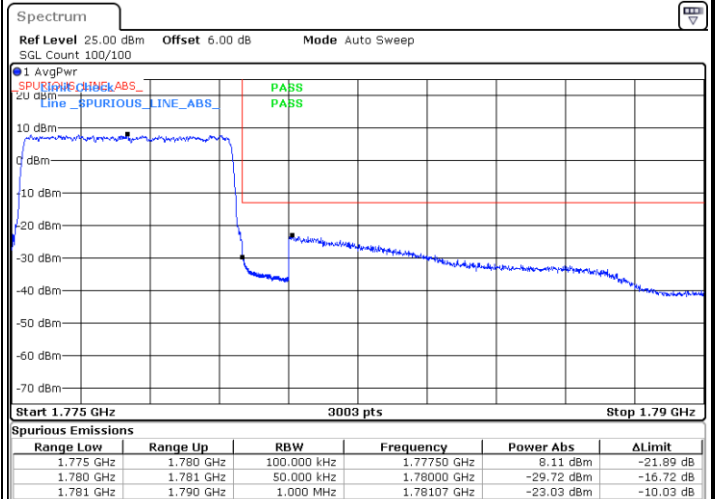
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



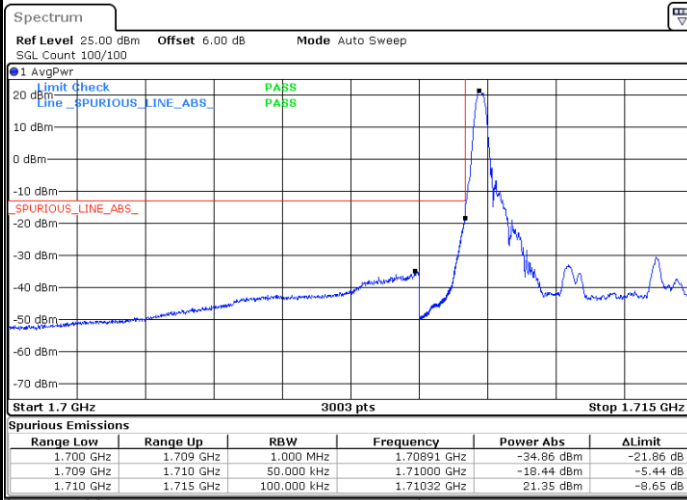
Highest Band Edge / Full RB





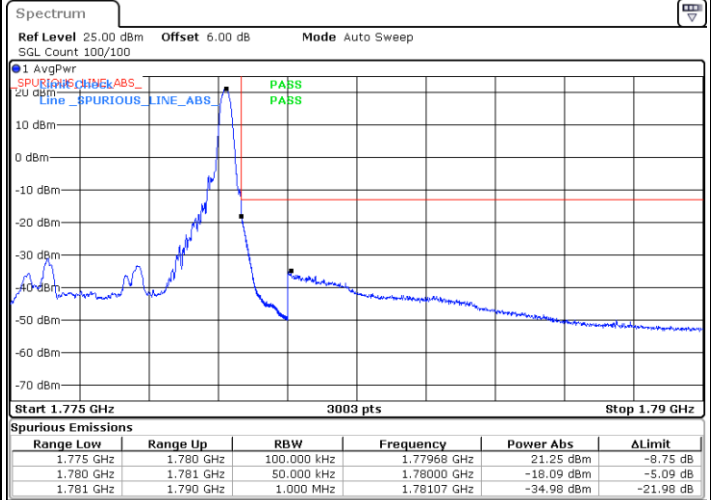
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



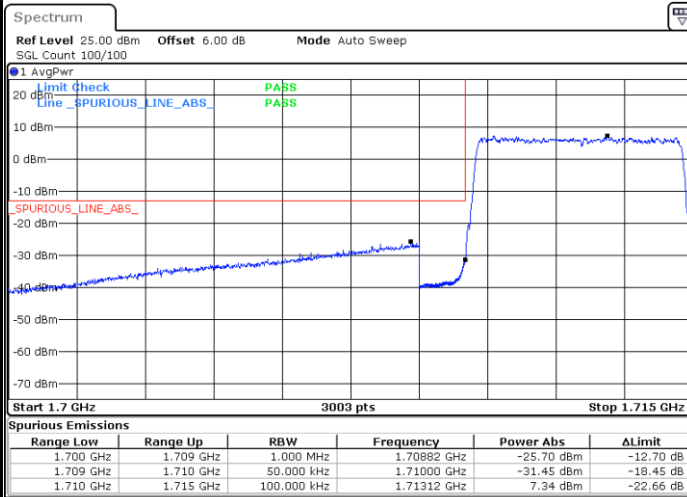
Date: 29_SEP.2024 16:55:33

Highest Band Edge / 1 RB



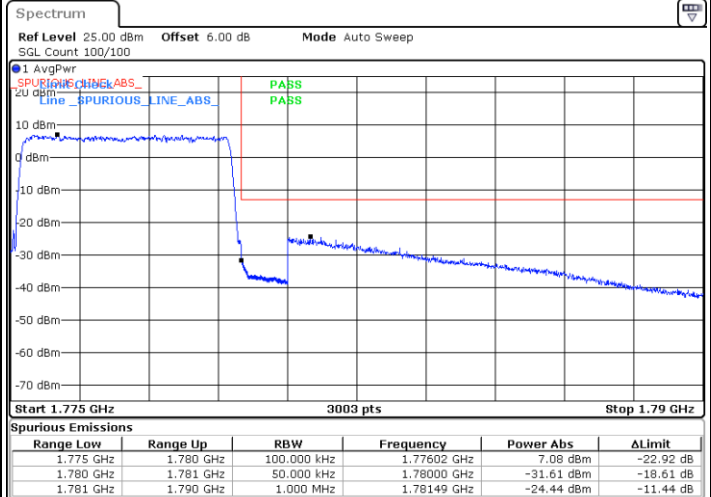
Date: 29_SEP.2024 17:03:03

Lowest Band Edge / Full RB



Date: 29_SEP.2024 16:58:31

Highest Band Edge / Full RB

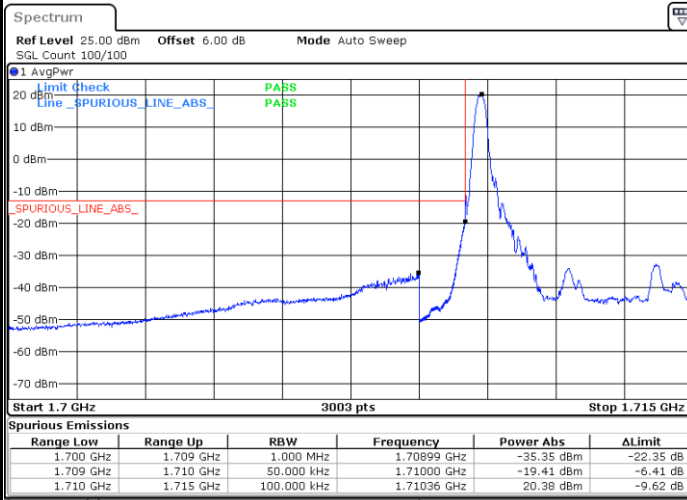


Date: 29_SEP.2024 17:05:19



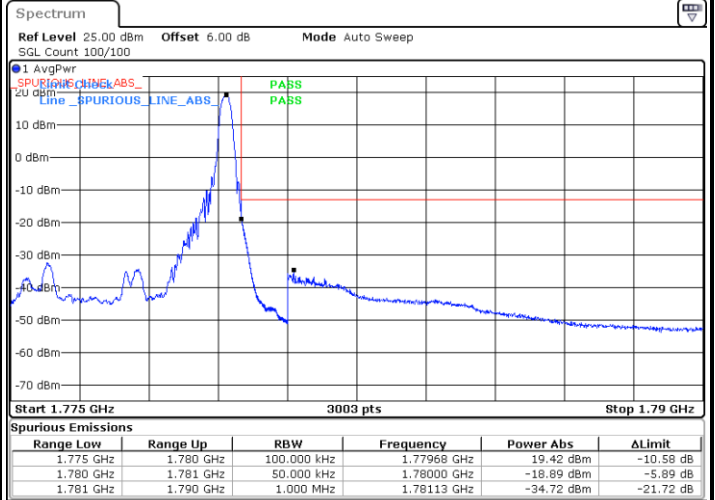
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



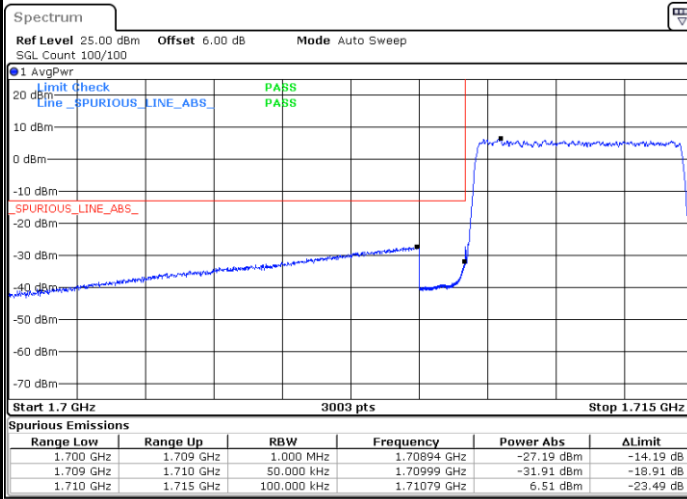
Date: 29_SEP.2024 16:56:28

Highest Band Edge / 1 RB



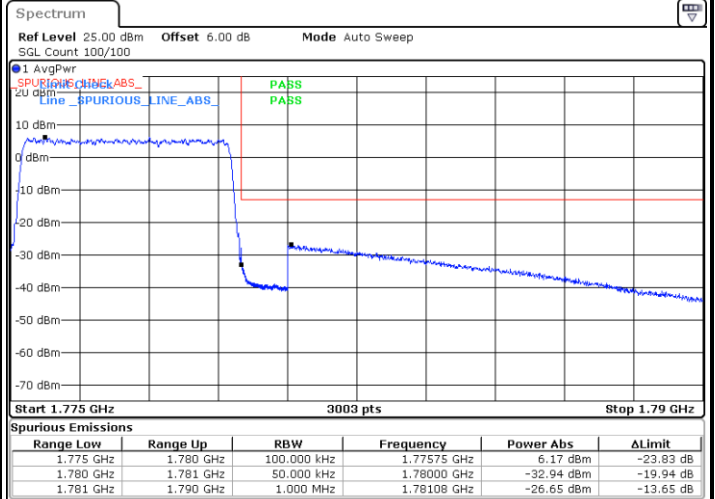
Date: 29_SEP.2024 17:03:29

Lowest Band Edge / Full RB



Date: 29_SEP.2024 16:58:55

Highest Band Edge / Full RB

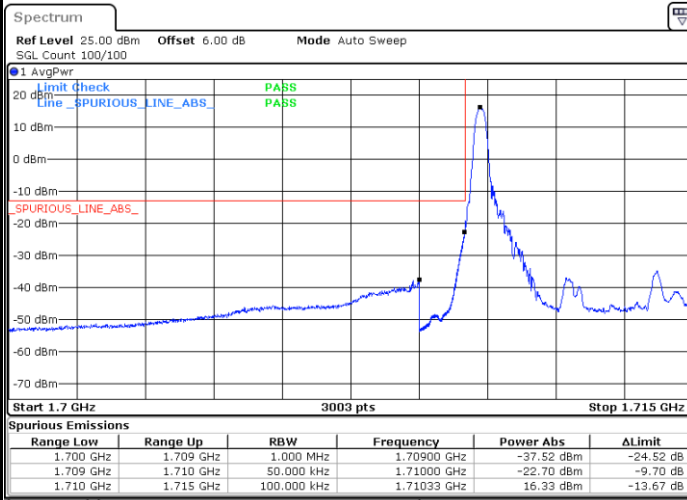


Date: 29_SEP.2024 17:05:49



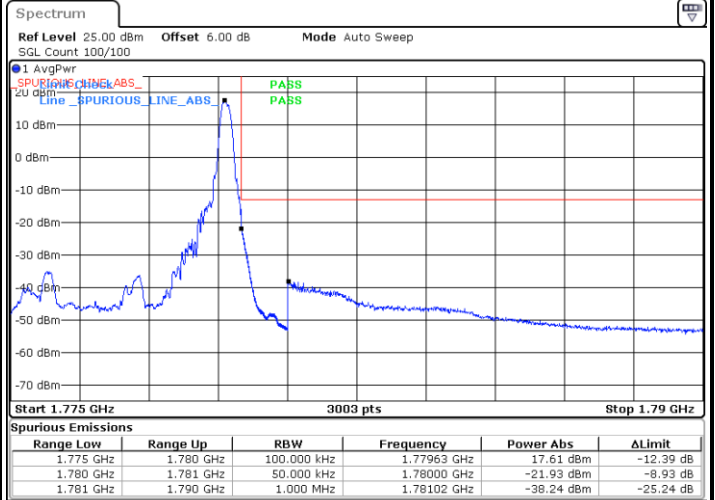
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



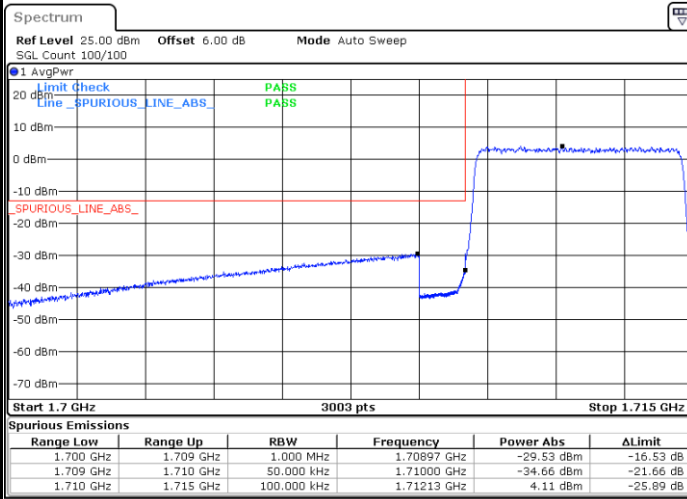
Date: 29_SEP.2024 16:57:09

Highest Band Edge / 1 RB



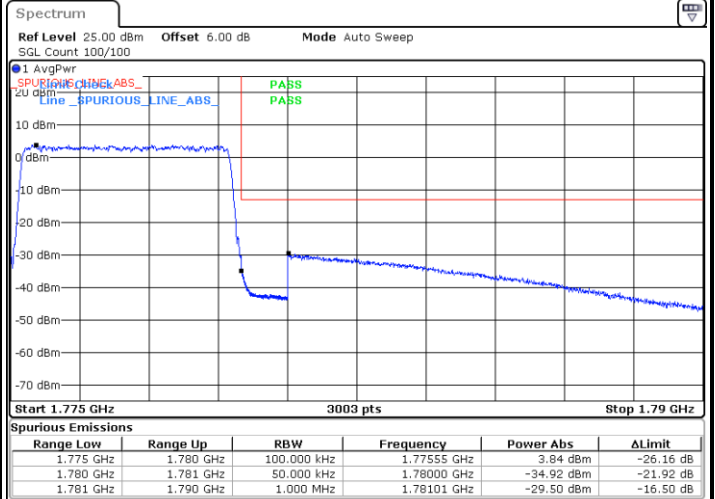
Date: 29_SEP.2024 17:04:09

Lowest Band Edge / Full RB



Date: 29_SEP.2024 16:59:23

Highest Band Edge / Full RB



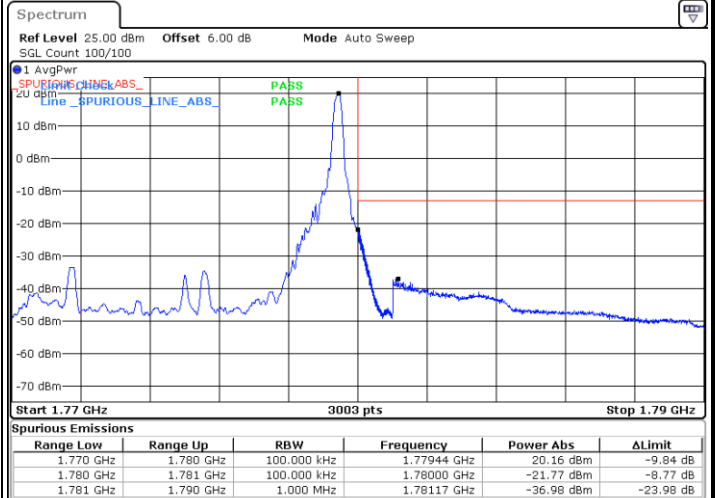
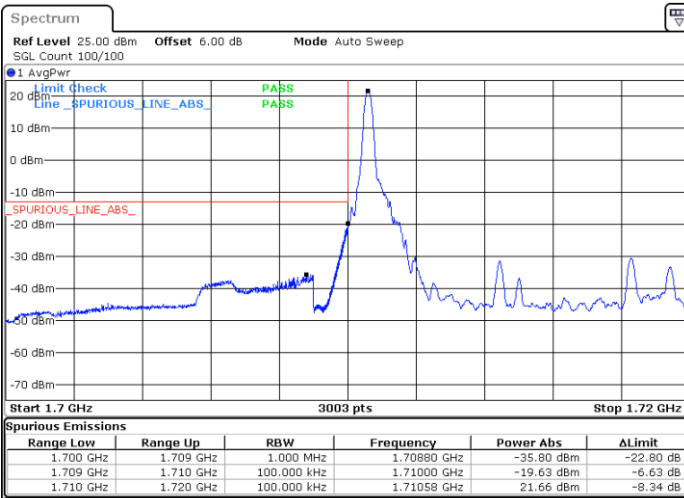
Date: 29_SEP.2024 17:06:18



LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

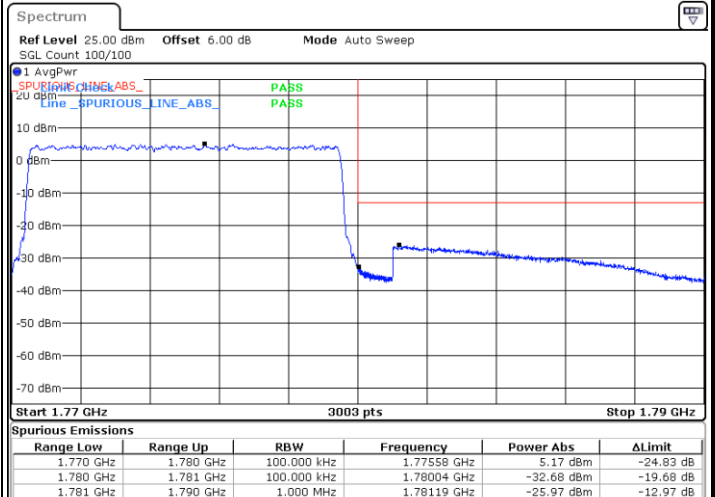
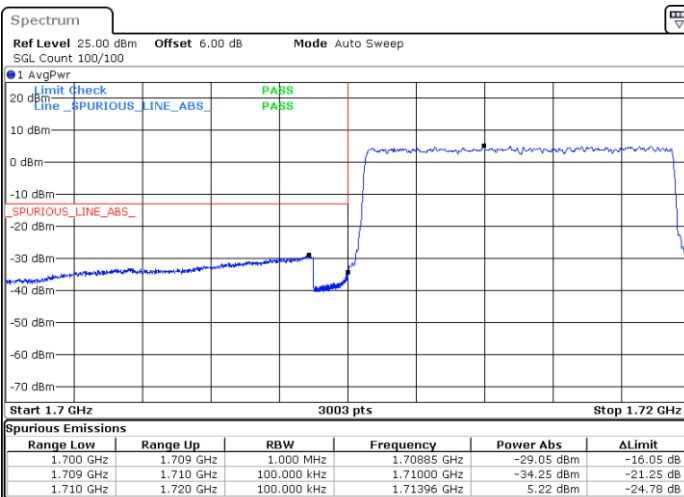


Date: 29_SEP.2024 17:14:27

Date: 29_SEP.2024 17:55:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



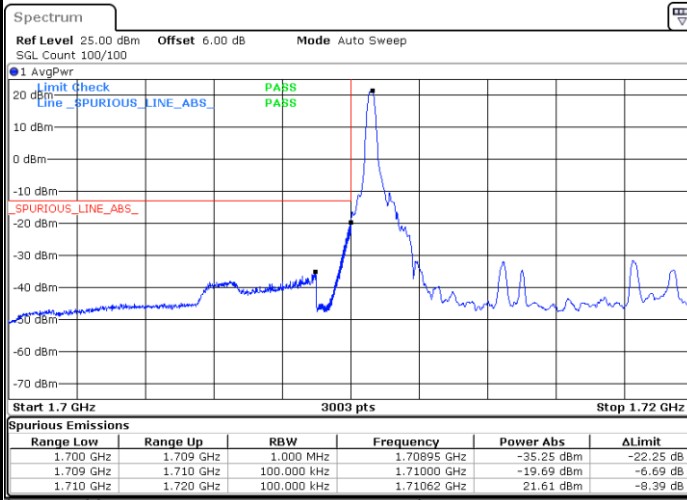
Date: 29_SEP.2024 17:16:09

Date: 29_SEP.2024 17:59:30



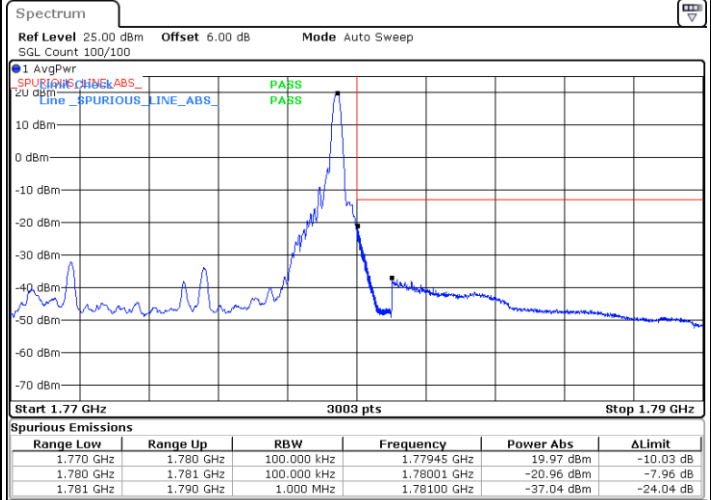
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



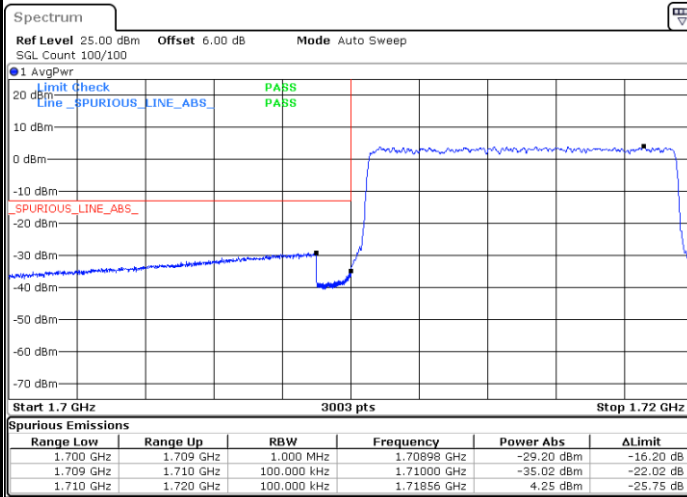
Date: 29_SEP.2024 17:14:43

Highest Band Edge / 1 RB



Date: 29_SEP.2024 17:57:02

Lowest Band Edge / Full RB



Date: 29_SEP.2024 17:16:32

Highest Band Edge / Full RB

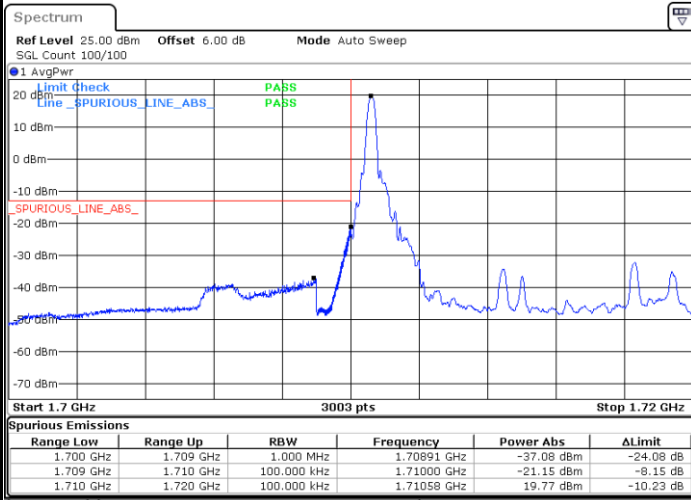


Date: 29_SEP.2024 17:59:55



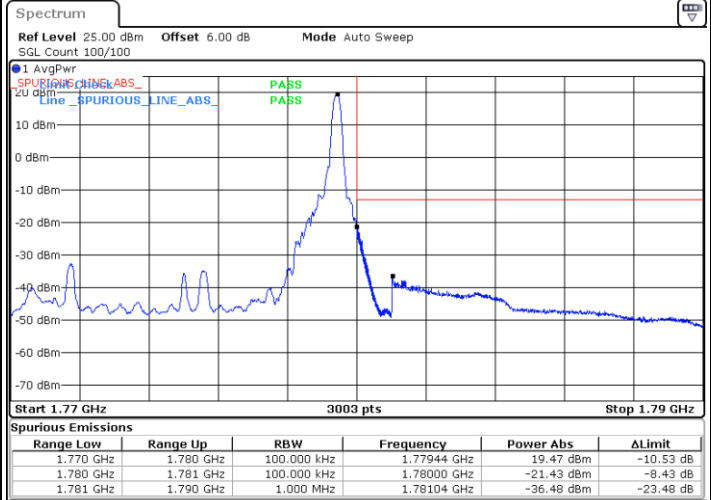
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



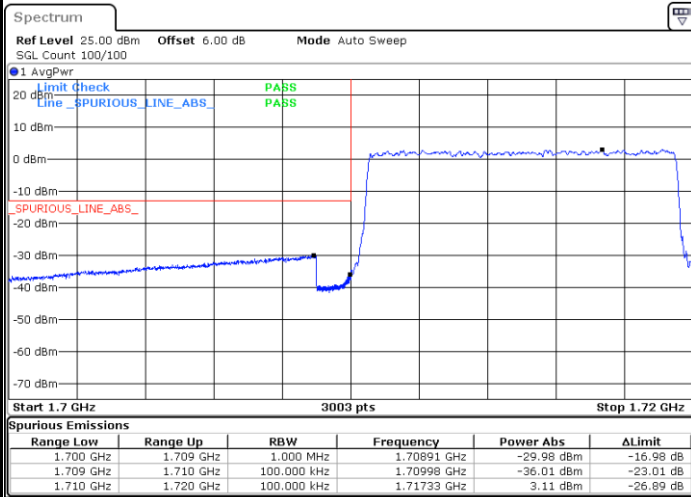
Date: 29_SEP.2024 17:15:12

Highest Band Edge / 1 RB



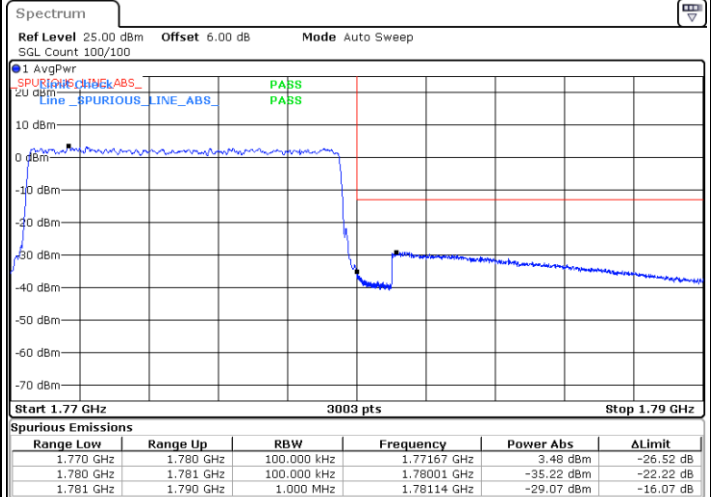
Date: 29_SEP.2024 17:57:27

Lowest Band Edge / Full RB



Date: 29_SEP.2024 17:16:51

Highest Band Edge / Full RB

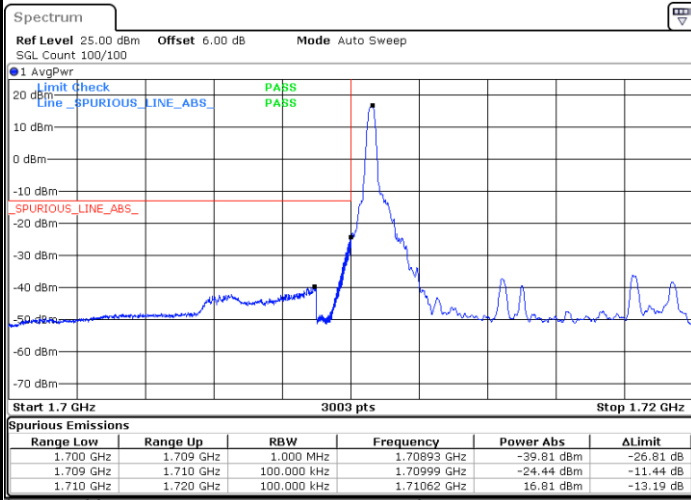


Date: 29_SEP.2024 18:00:14



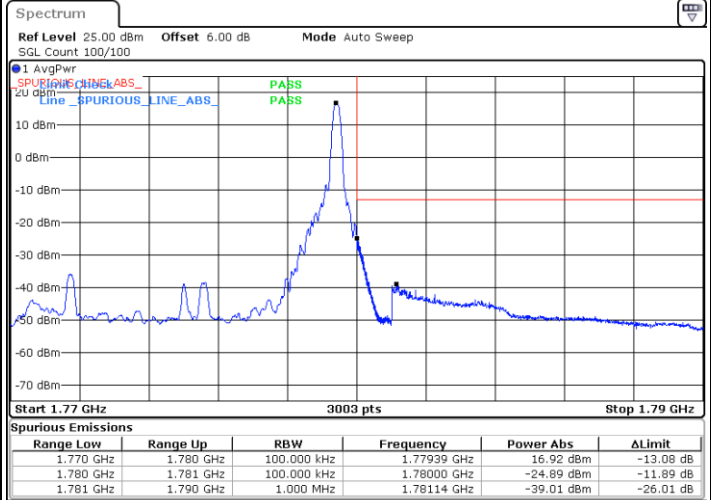
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



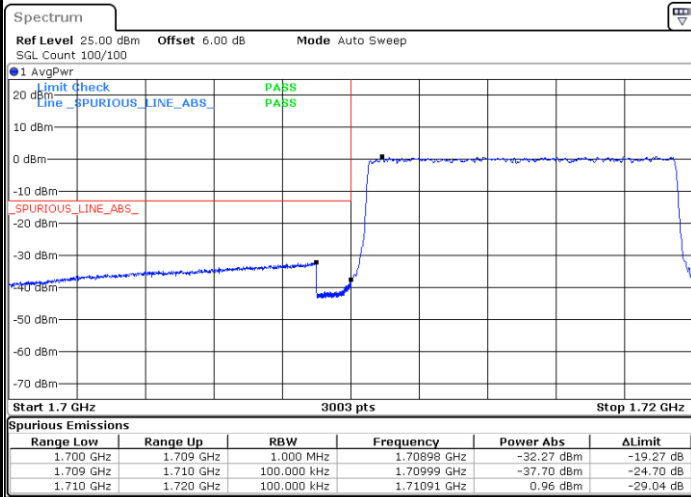
Date: 29_SEP.2024 17:15:33

Highest Band Edge / 1 RB



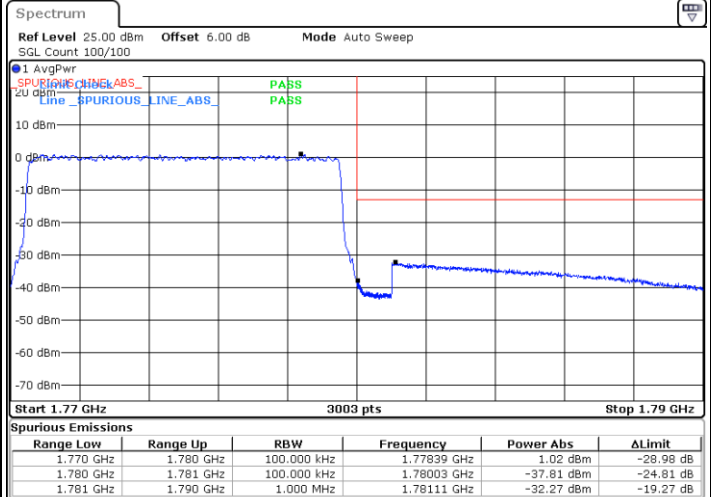
Date: 29_SEP.2024 17:58:52

Lowest Band Edge / Full RB



Date: 29_SEP.2024 17:18:16

Highest Band Edge / Full RB

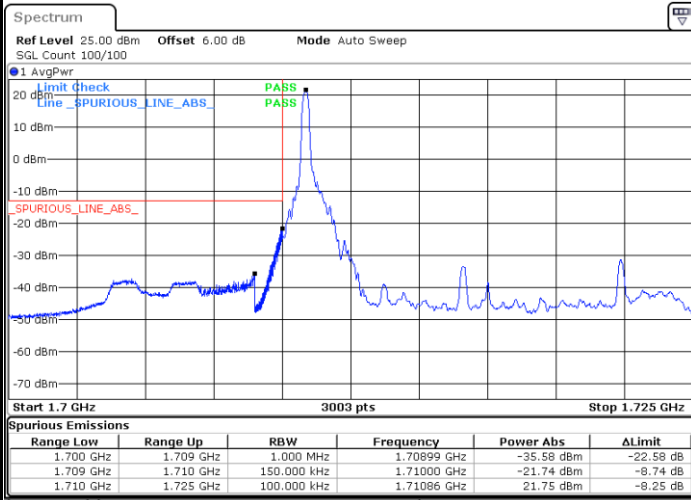


Date: 29_SEP.2024 18:00:36



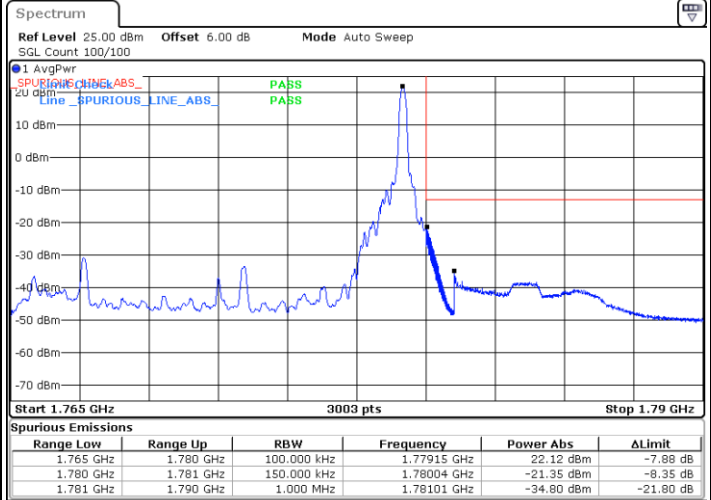
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



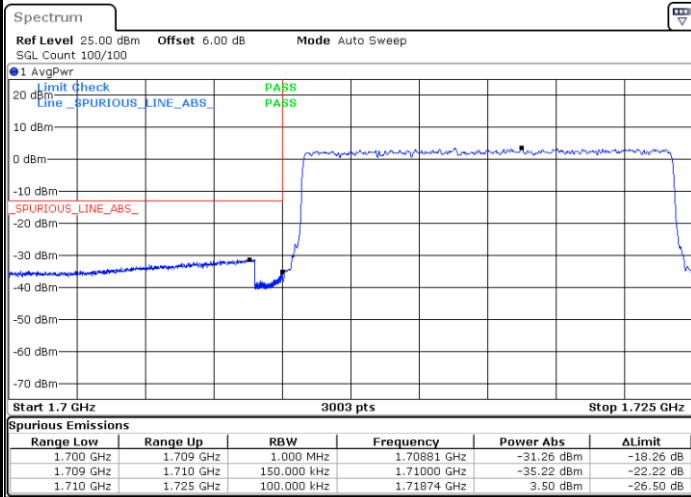
Date: 29_SEP.2024 18:16:32

Highest Band Edge / 1 RB



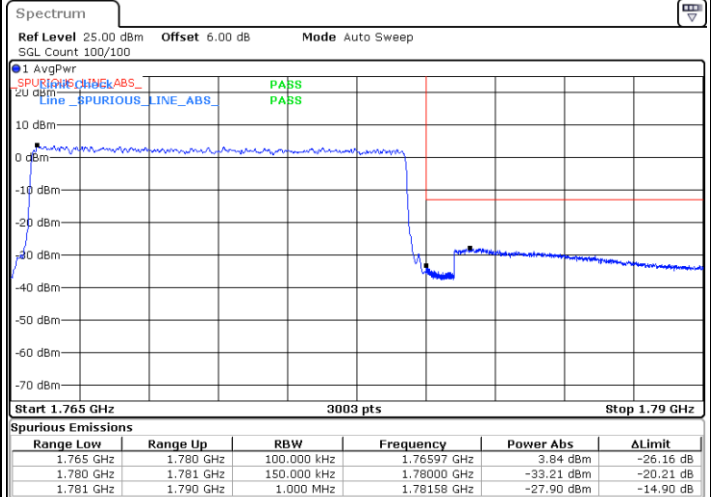
Date: 29_SEP.2024 18:23:06

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:18:03

Highest Band Edge / Full RB

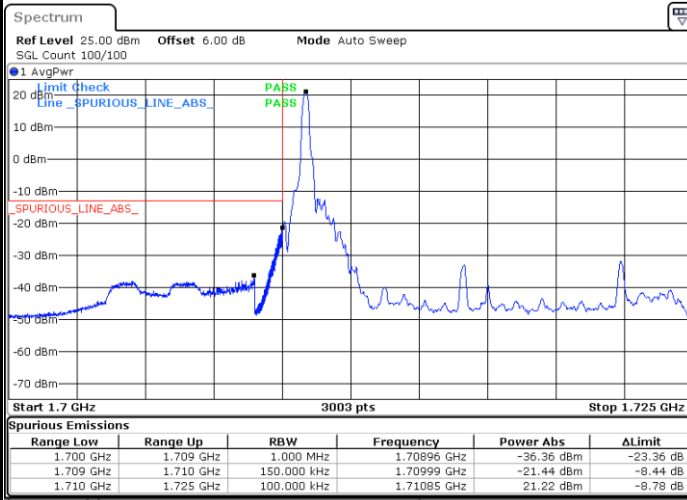


Date: 29_SEP.2024 18:25:07



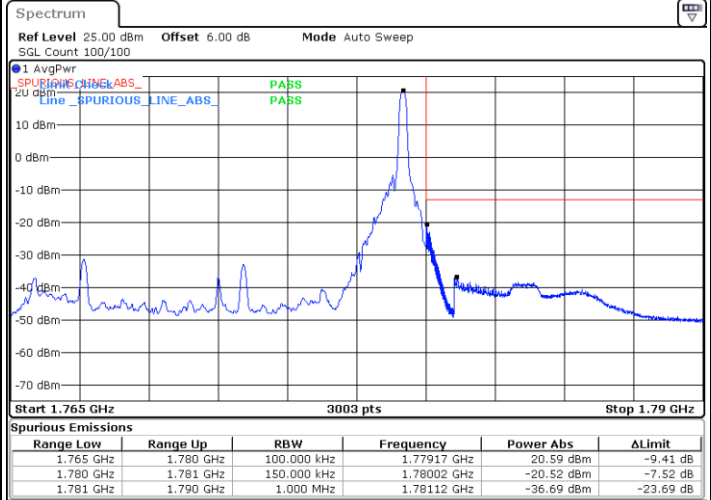
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



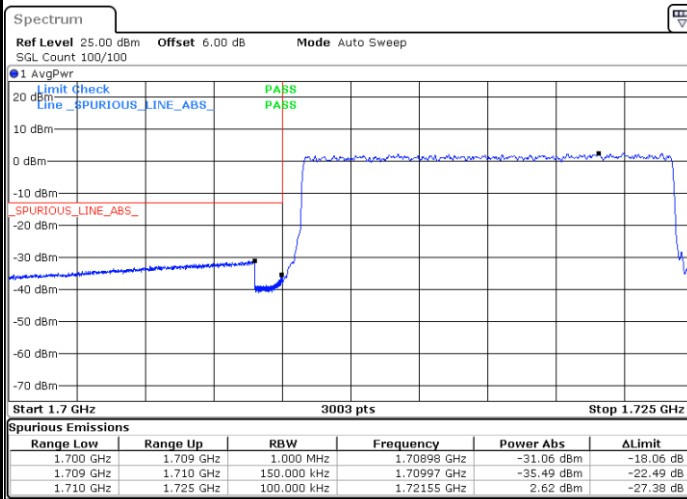
Date: 29_SEP.2024 18:16:52

Highest Band Edge / 1 RB



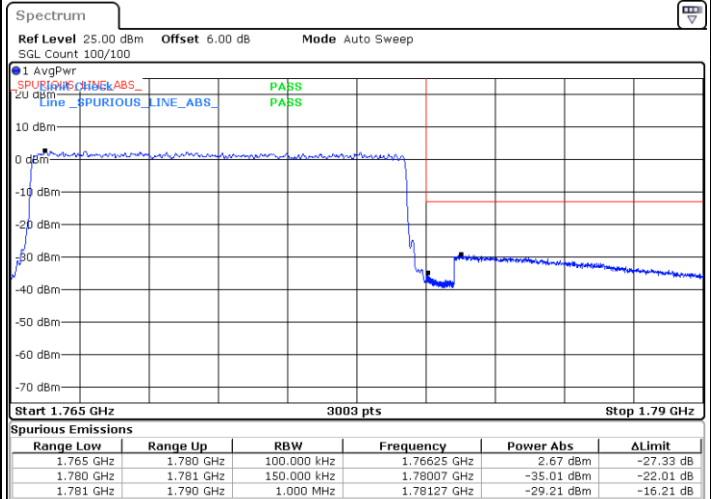
Date: 29_SEP.2024 18:23:35

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:18:28

Highest Band Edge / Full RB

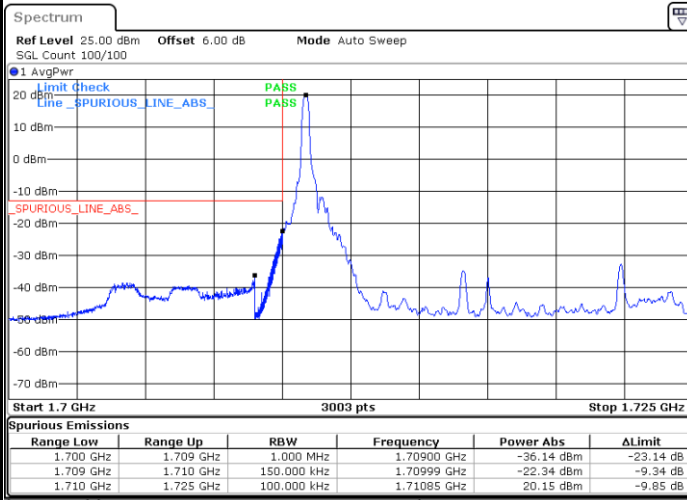


Date: 29_SEP.2024 18:25:32



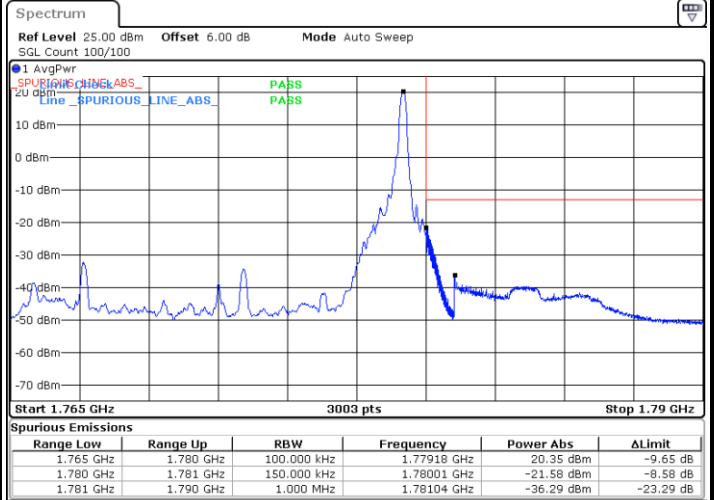
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



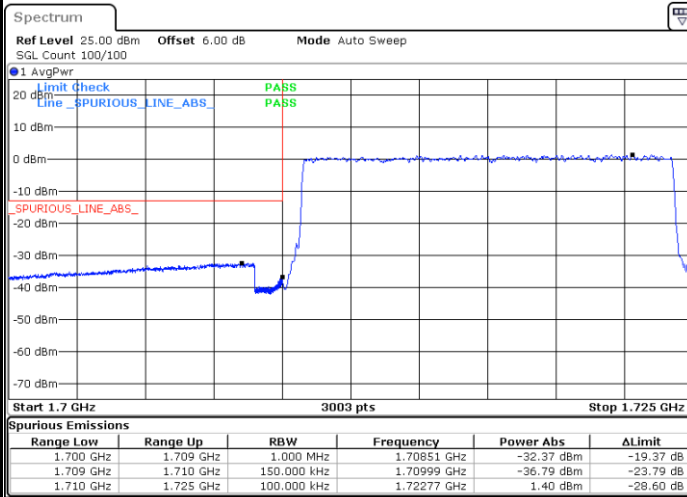
Date: 29_SEP.2024 18:17:17

Highest Band Edge / 1 RB



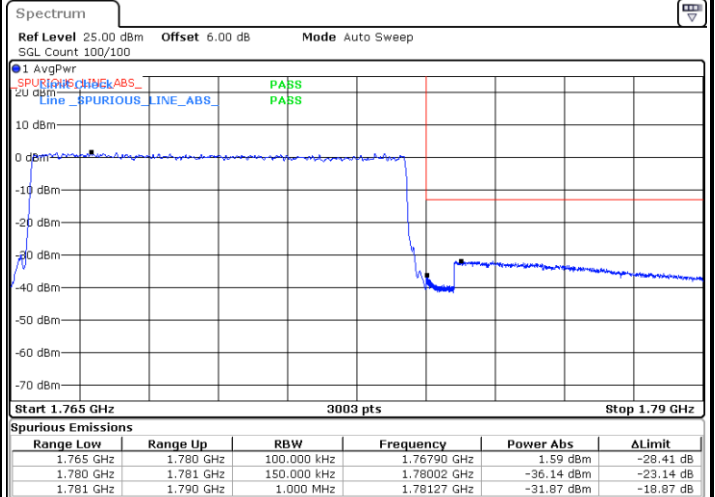
Date: 29_SEP.2024 18:24:04

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:18:50

Highest Band Edge / Full RB

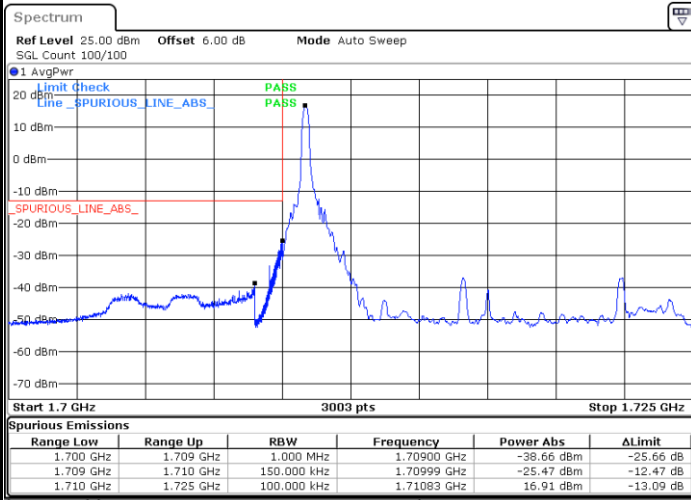


Date: 29_SEP.2024 18:26:08



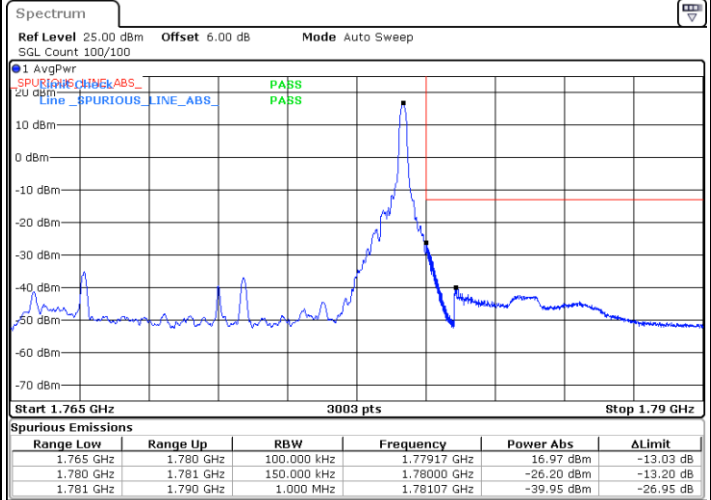
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



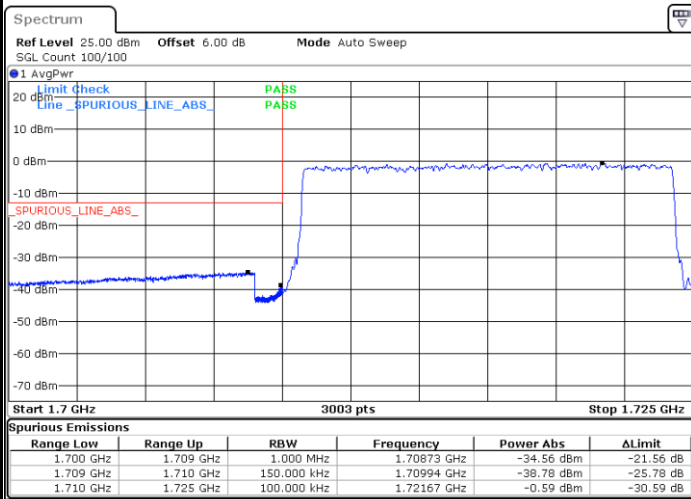
Date: 29_SEP.2024 18:17:35

Highest Band Edge / 1 RB



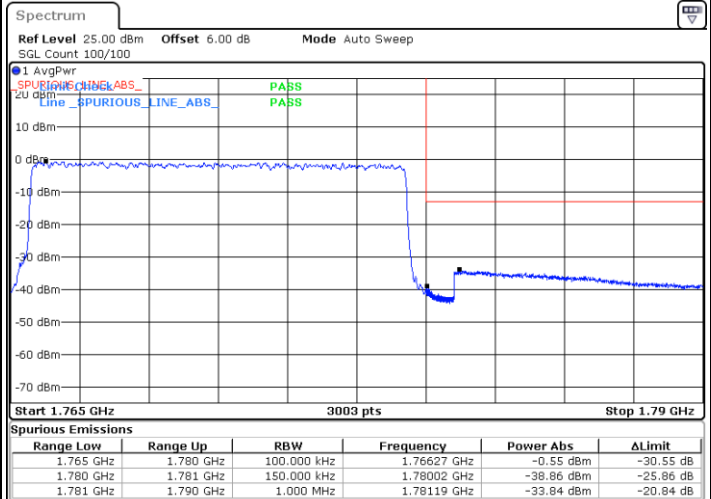
Date: 29_SEP.2024 18:24:30

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:19:15

Highest Band Edge / Full RB

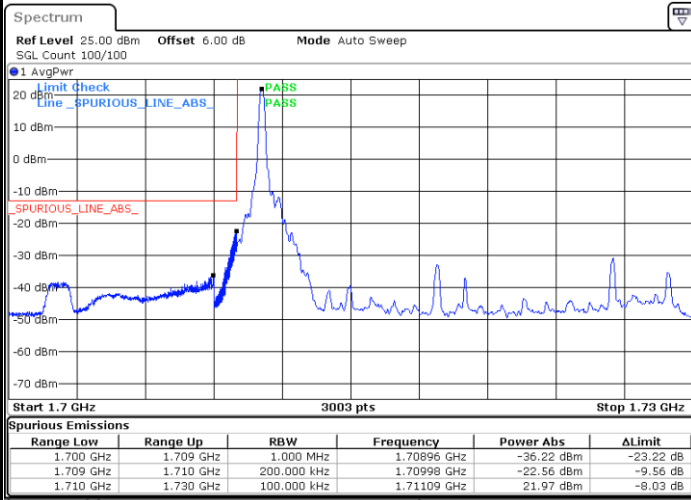


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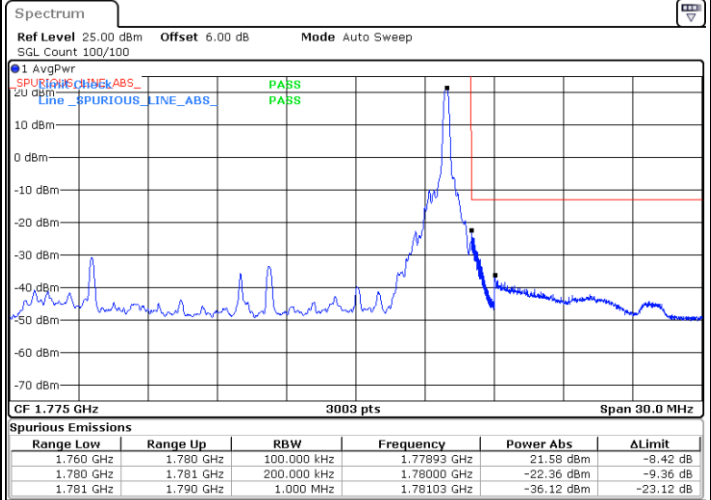
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



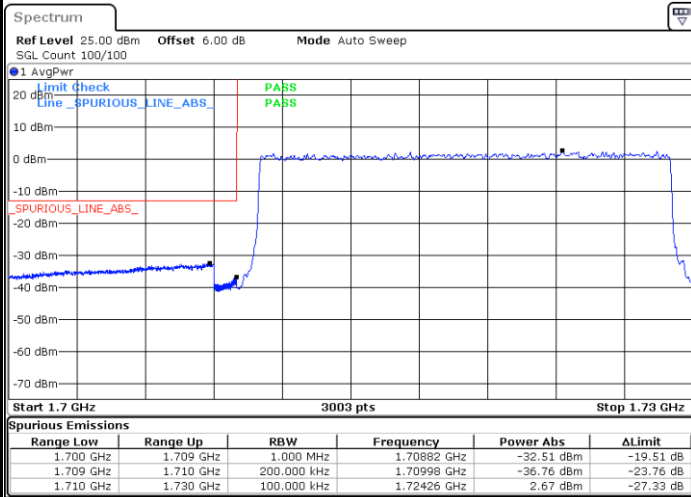
Date: 29_SEP.2024 18:38:30

Highest Band Edge / 1 RB



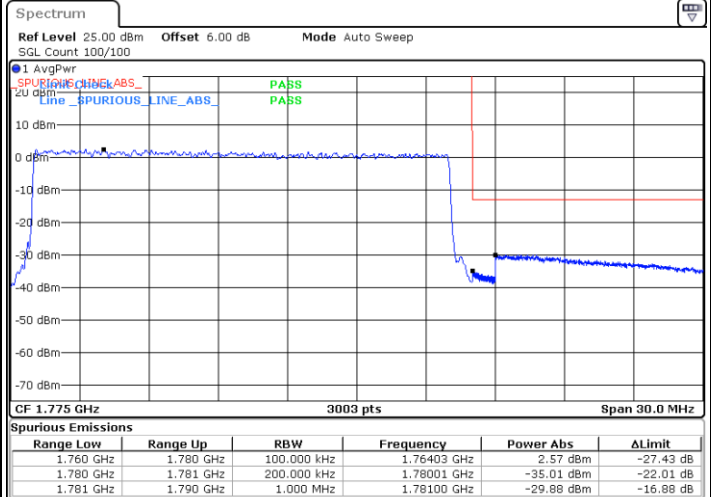
Date: 29_SEP.2024 18:46:48

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:41:20

Highest Band Edge / Full RB

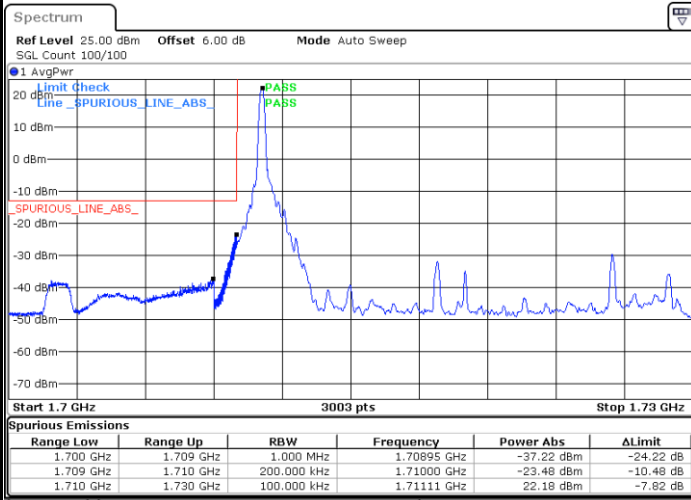


Date: 29_SEP.2024 18:49:48



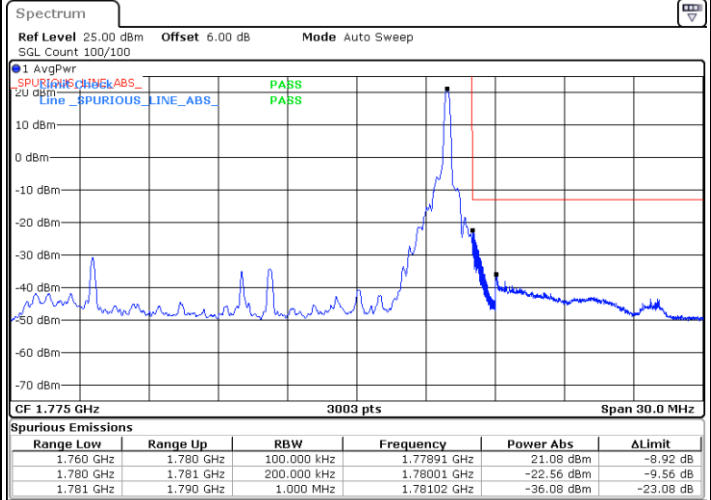
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



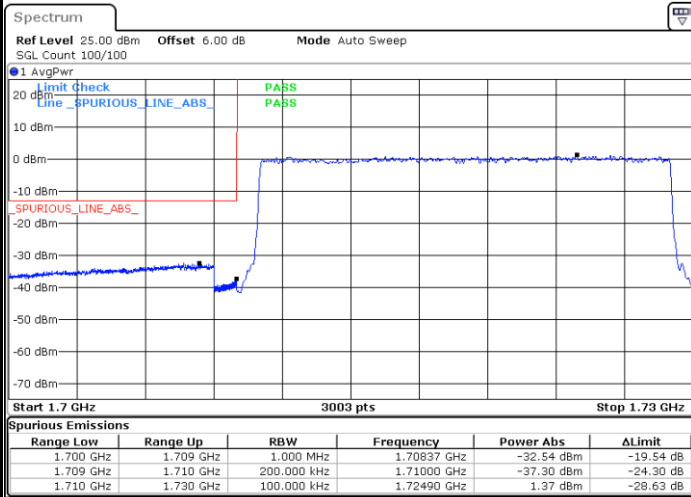
Date: 29_SEP.2024 18:38:58

Highest Band Edge / 1 RB



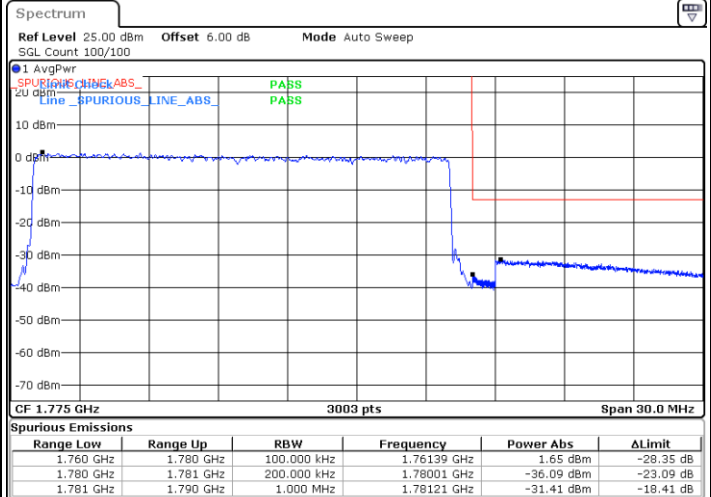
Date: 29_SEP.2024 18:47:47

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:42:04

Highest Band Edge / Full RB

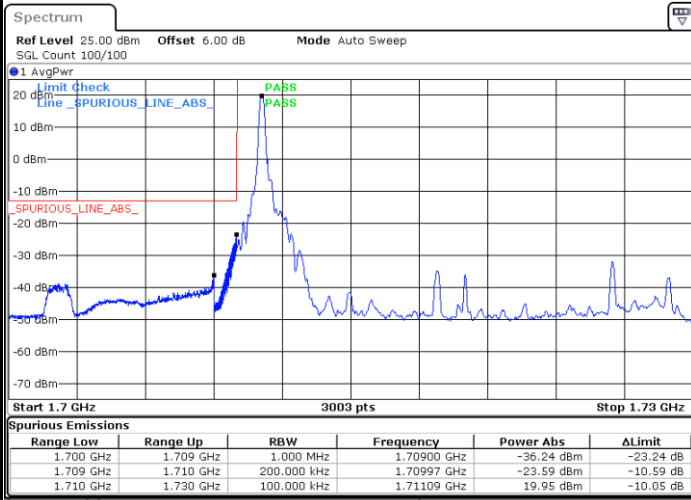


Date: 29_SEP.2024 18:50:22



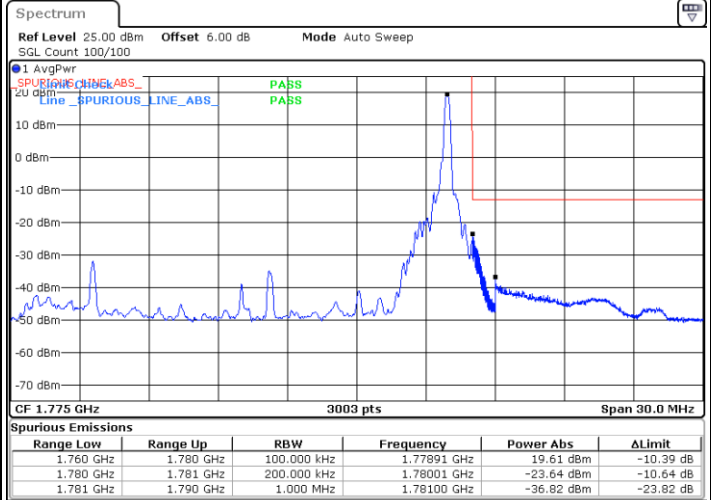
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



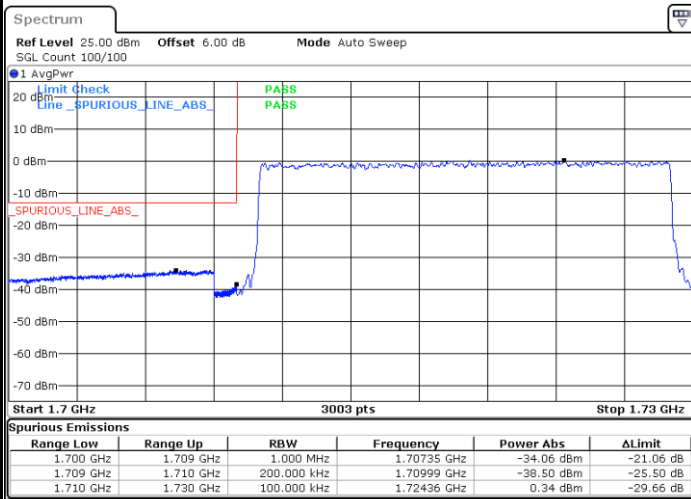
Date: 29_SEP.2024 18:39:40

Highest Band Edge / 1 RB



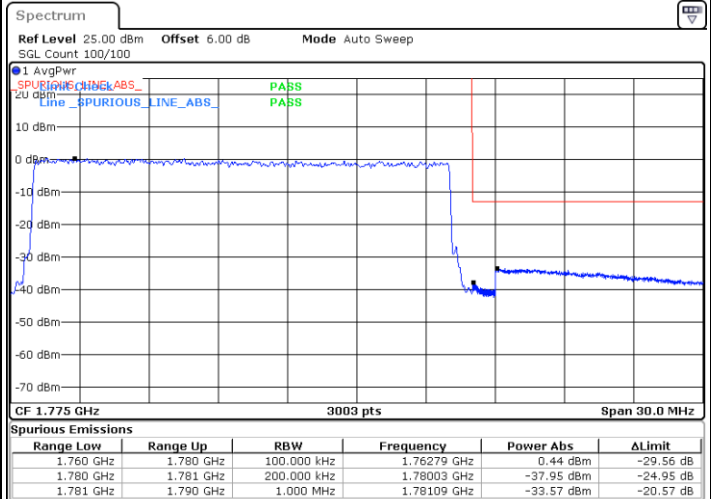
Date: 29_SEP.2024 18:48:18

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:43:18

Highest Band Edge / Full RB

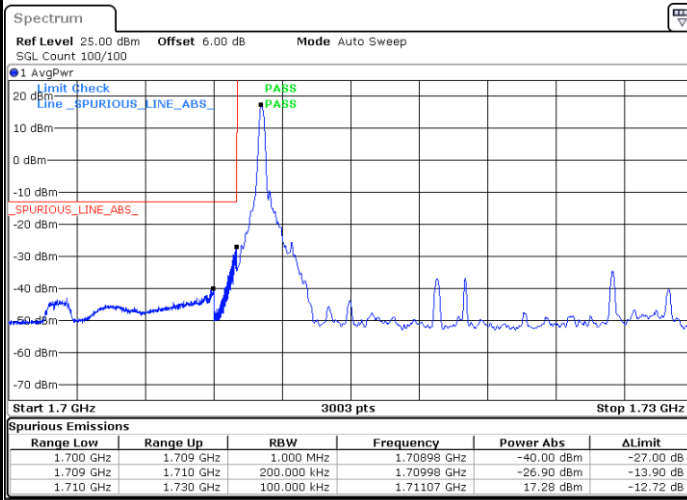


Date: 29_SEP.2024 18:50:59



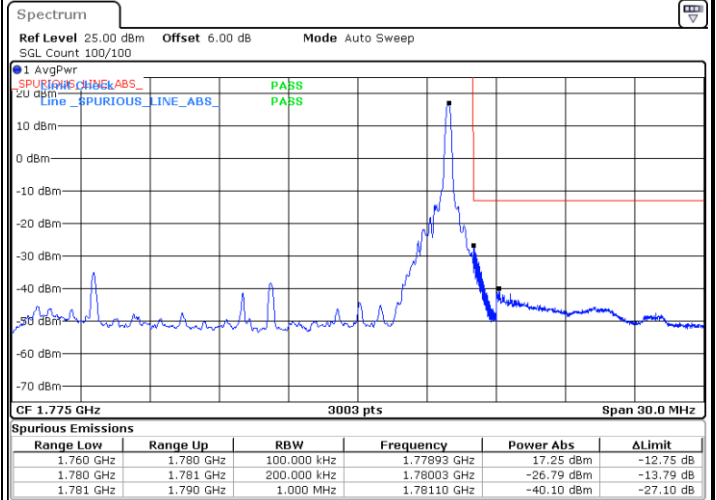
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



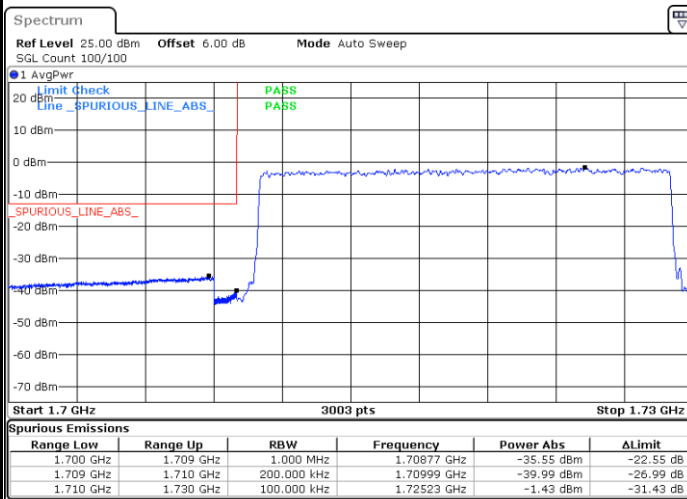
Date: 29_SEP.2024 18:40:39

Highest Band Edge / 1 RB



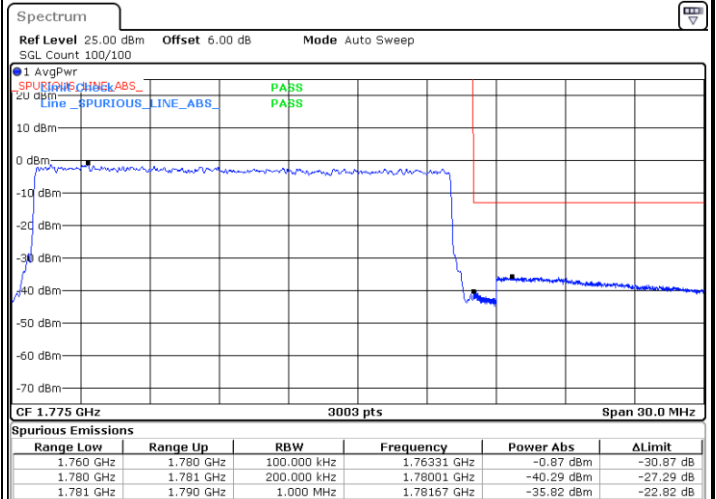
Date: 29_SEP.2024 18:48:42

Lowest Band Edge / Full RB



Date: 29_SEP.2024 18:44:20

Highest Band Edge / Full RB



Date: 29_SEP.2024 18:51:25

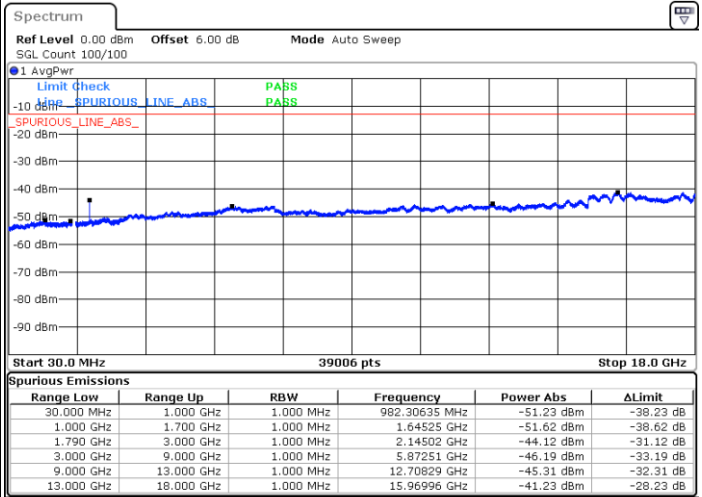
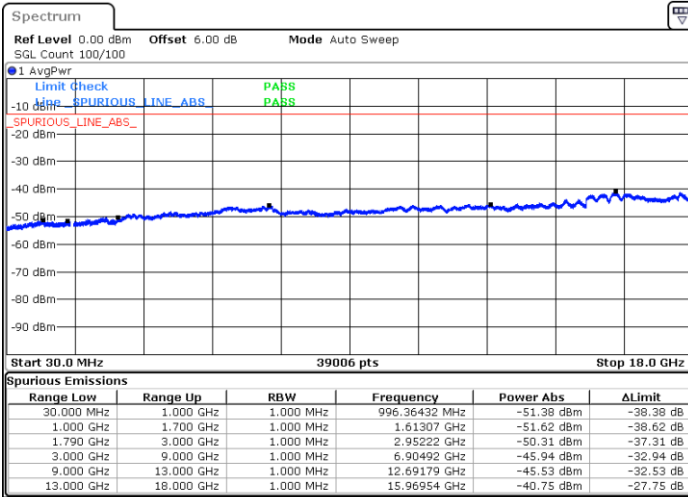


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

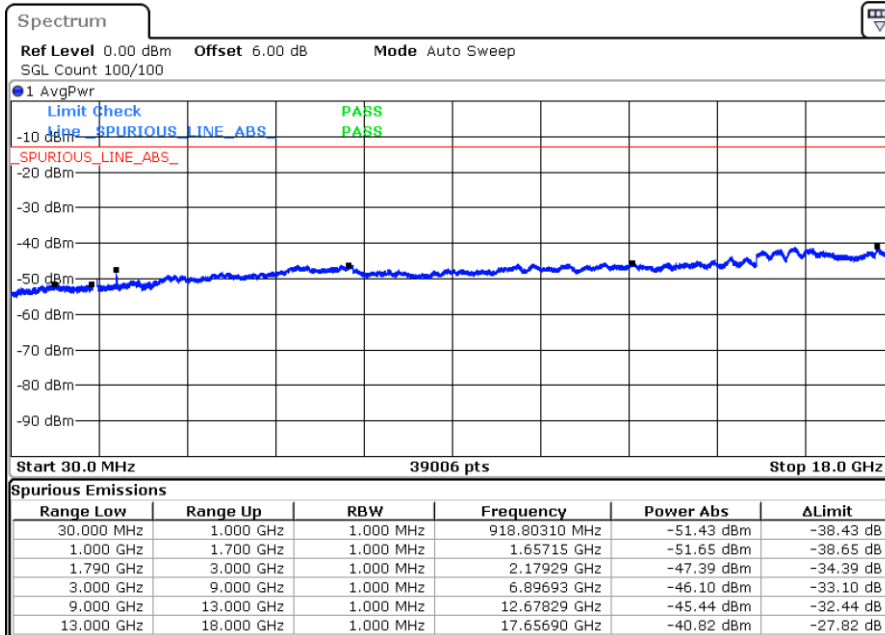
Middle Channel / QPSK



Date: 29.SEP.2024 15:22:13

Date: 29.SEP.2024 15:18:58

Highest Channel / QPSK



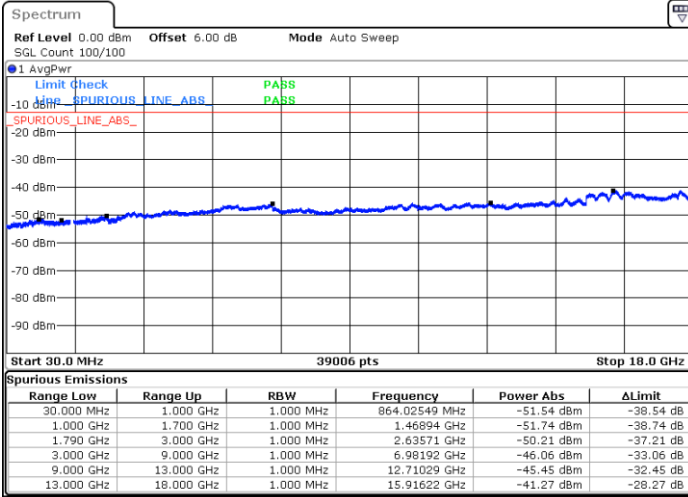
Date: 29.SEP.2024 15:56:47



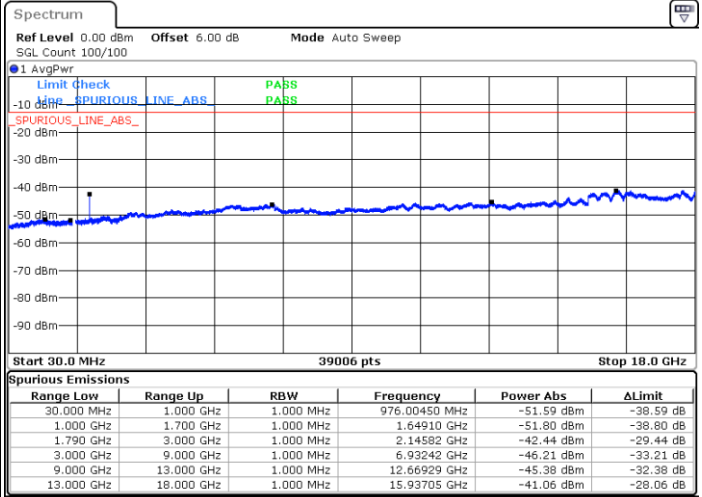
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

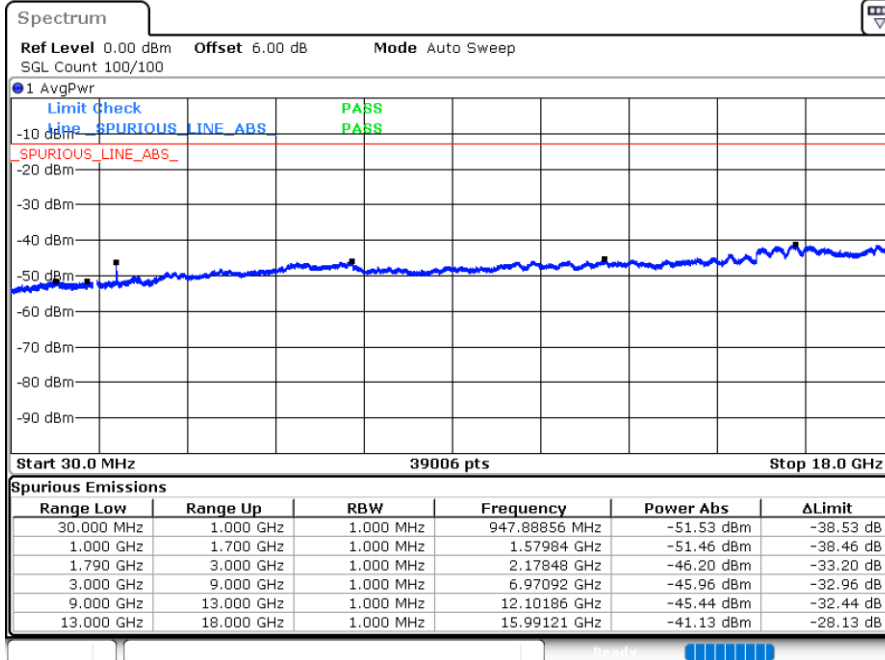


Date: 29.SEP.2024 16:09:16



Date: 29.SEP.2024 16:05:04

Highest Channel / QPSK



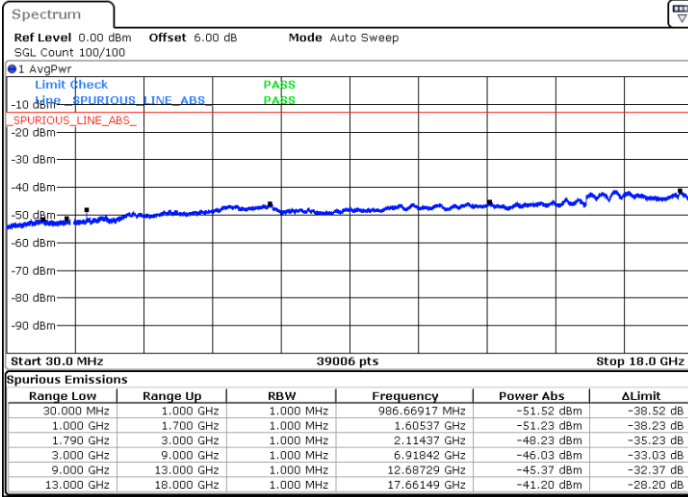
Date: 29.SEP.2024 16:47:12



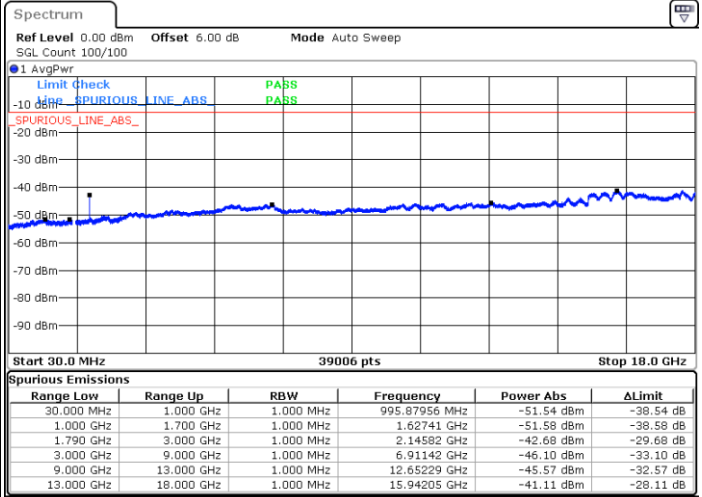
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

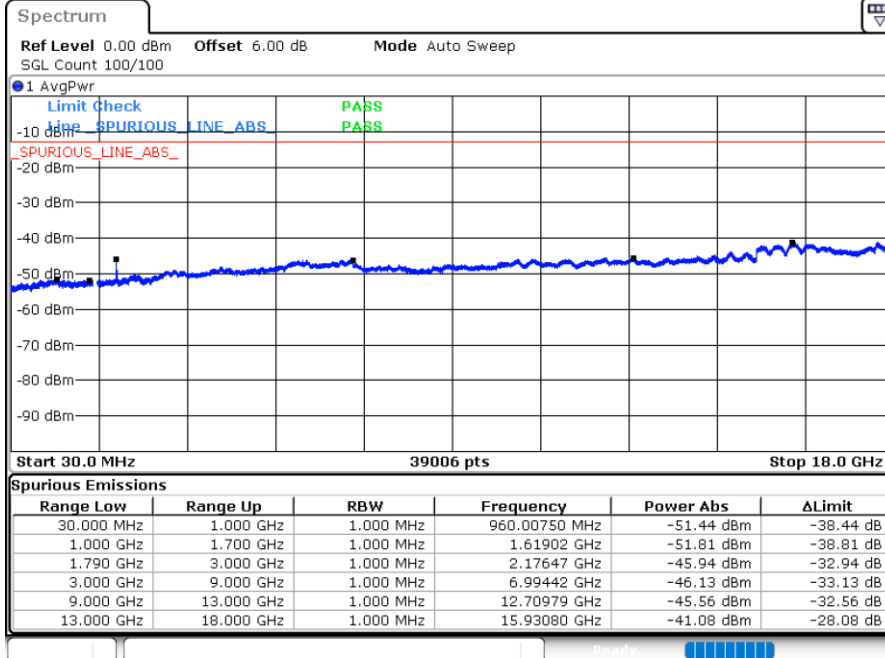


Date: 29.SEP.2024 17:09:05



Date: 29.SEP.2024 16:50:47

Highest Channel / QPSK



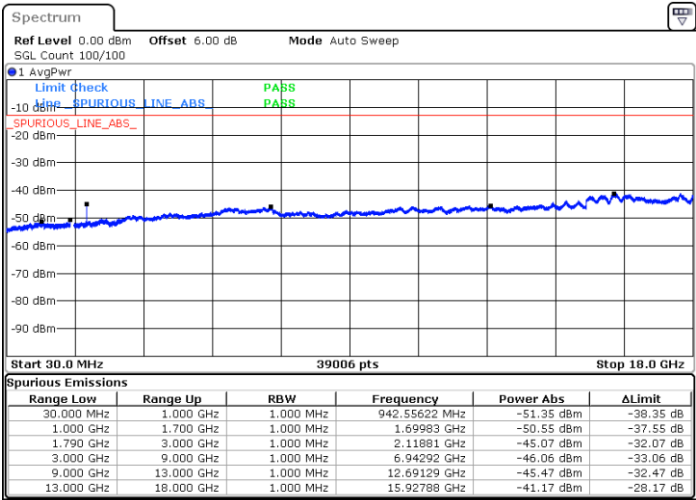
Date: 29.SEP.2024 17:07:20



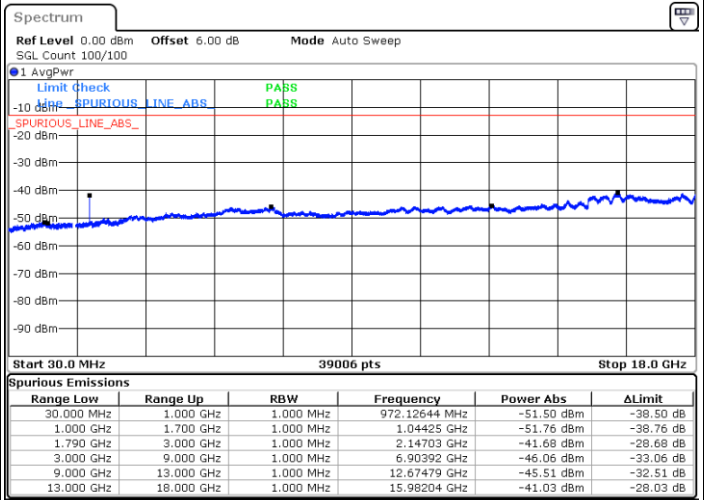
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

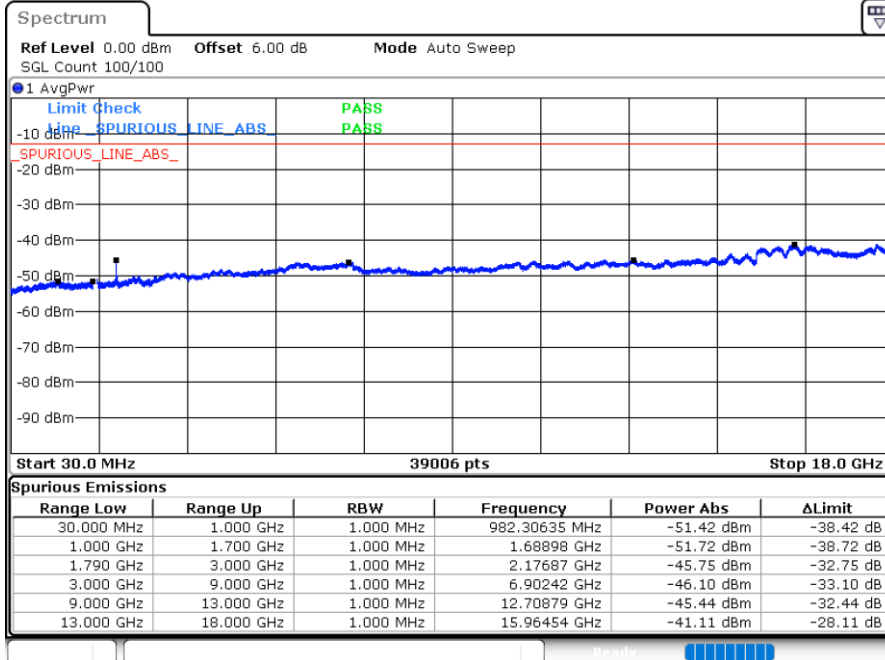


Date: 29.SEP.2024 17:19:16



Date: 29.SEP.2024 17:11:35

Highest Channel / QPSK



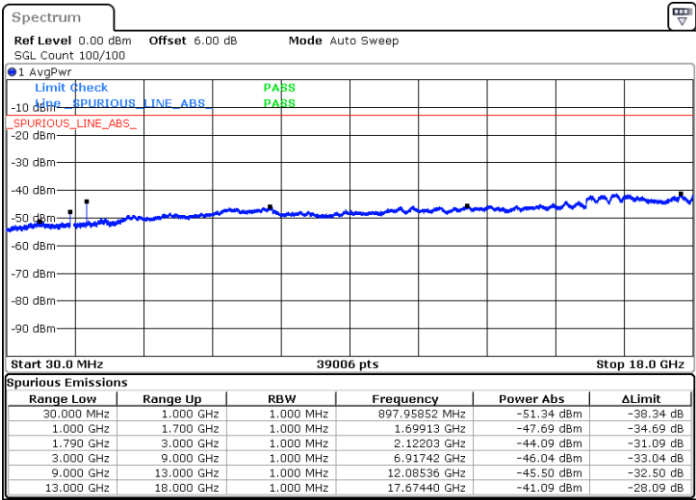
Date: 29.SEP.2024 17:54:07



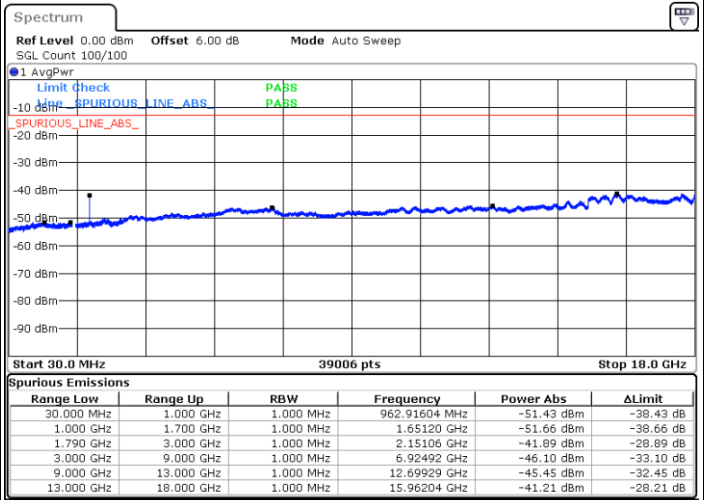
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

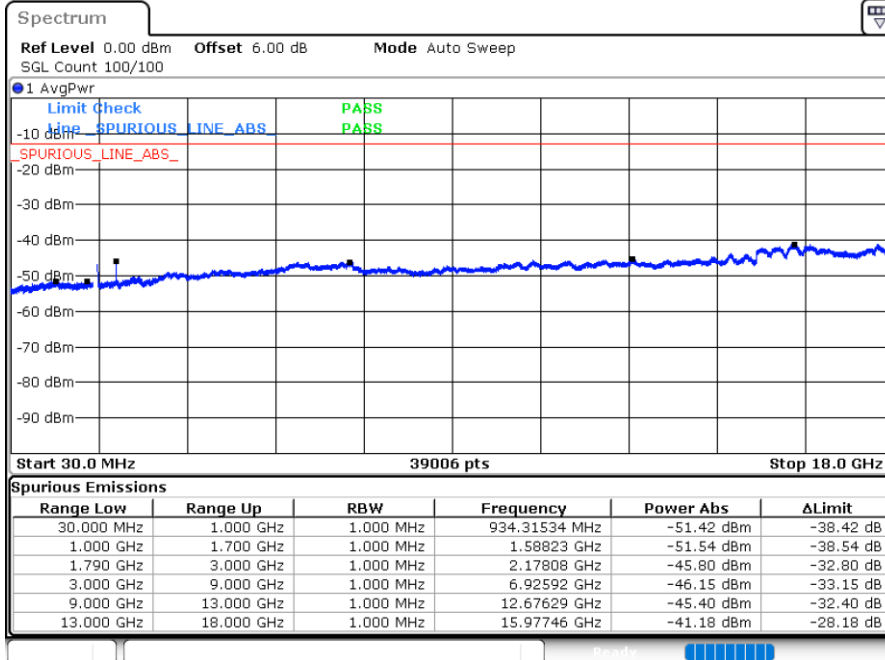


Date: 29.SEP.2024 18:21:05



Date: 29.SEP.2024 18:03:25

Highest Channel / QPSK



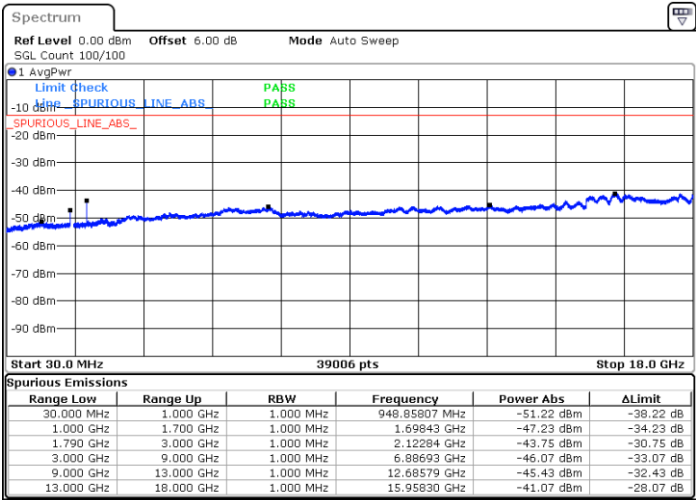
Date: 29.SEP.2024 18:29:14



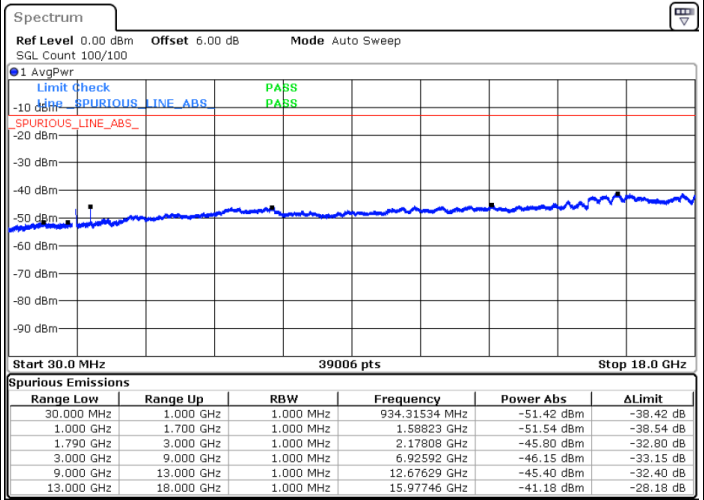
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

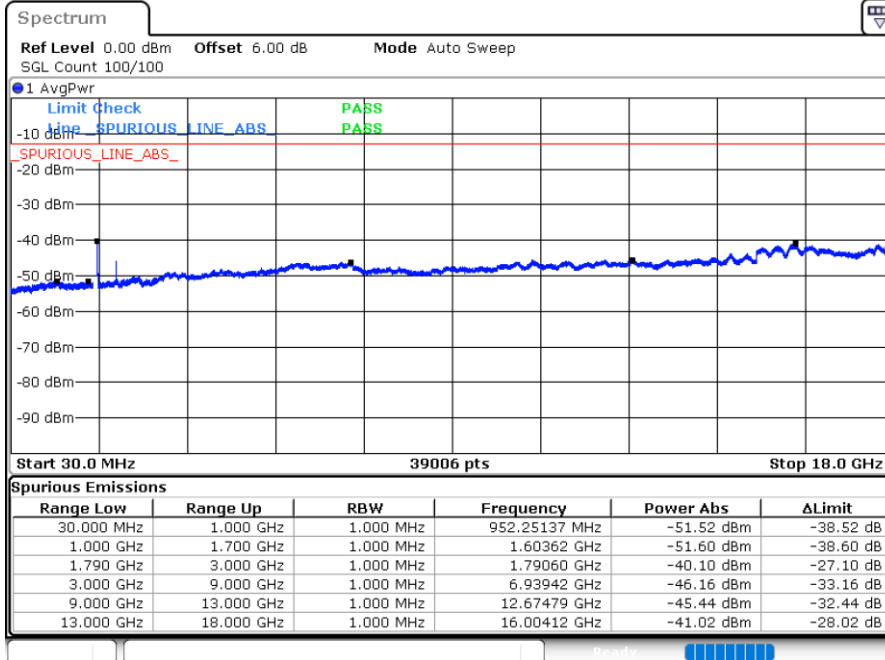


Date: 29.SEP.2024 18:56:22



Date: 29.SEP.2024 18:29:14

Highest Channel / QPSK



Date: 29.SEP.2024 18:54:07



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	0.0032	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0015	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 25 / 20MHz / QPSK / Ant.1								
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	-56.68	-13	-43.68	-68.94	2.64	14.90	H
	5550	-55.69	-13	-42.69	-67.55	2.94	14.80	H
	7410	-54.61	-13	-41.61	-64.38	3.39	13.16	H
	3705	-56.70	-13	-43.70	-68.96	2.64	14.90	V
	5553.27	-55.36	-13	-42.36	-67.22	2.94	14.80	V
	7410	-55.11	-13	-42.11	-64.88	3.39	13.16	V
Middle	3735	-56.57	-13	-43.57	-68.83	2.64	14.90	H
	5610	-55.29	-13	-42.29	-67.15	2.94	14.80	H
	7485	-53.82	-13	-40.82	-63.59	3.39	13.16	H
	3735	-56.43	-13	-43.43	-68.69	2.64	14.90	V
	5610	-56.17	-13	-43.17	-68.03	2.94	14.80	V
	7485	-54.54	-13	-41.54	-64.31	3.39	13.16	V
Highest	3795	-56.99	-13	-43.99	-69.25	2.64	14.90	H
	5685	-55.79	-13	-42.79	-67.65	2.94	14.80	H
	7590	-53.99	-13	-40.99	-63.76	3.39	13.16	H
	3795	-56.62	-13	-43.62	-68.88	2.64	14.90	V
	5685	-56.22	-13	-43.22	-68.08	2.94	14.80	V
	7590	-53.76	-13	-40.76	-63.53	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.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	1648	-58.49	-13	-45.49	-65.46	1.58	10.70	H
	2472	-59.31	-13	-46.31	-67.56	2.102	12.50	H
	3296	-61.15	-13	-48.15	-70.04	2.856	13.90	H
	1648	-58.20	-13	-45.20	-65.17	1.58	10.70	V
	2472	-59.70	-13	-46.70	-67.95	2.10	12.50	V
	3296	-61.49	-13	-48.49	-70.38	2.86	13.90	V
Middle	1656	-57.17	-13	-44.17	-64.14	1.58	10.70	H
	2488	-61.30	-13	-48.30	-69.55	2.102	12.50	H
	3320	-60.65	-13	-47.65	-69.54	2.856	13.90	H
	1656	-58.28	-13	-45.28	-65.25	1.58	10.70	V
	2488	-59.86	-13	-46.86	-68.11	2.10	12.50	V
	3320	-60.80	-13	-47.80	-69.69	2.86	13.90	V
Highest	1672	-56.08	-13	-43.08	-63.05	1.58	10.70	H
	2504	-60.88	-13	-47.88	-69.13	2.102	12.50	H
	3336	-60.93	-13	-47.93	-69.82	2.856	13.90	H
	1672	-59.01	-13	-46.01	-65.98	1.58	10.70	V
	2504	-60.15	-13	-47.15	-68.40	2.10	12.50	V
	3336	-60.85	-13	-47.85	-69.74	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.1								
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	-58.14	-13	-45.14	-68.88	2.604	13.34	H
	5130	-55.07	-13	-42.07	-65.58	3.011	13.52	H
	6840	-56.06	-13	-43.06	-66.26	3.271	13.47	H
	3420	-58.32	-13	-45.32	-69.06	2.604	13.34	V
	5133.27	-55.40	-13	-42.40	-65.91	3.011	13.52	V
	6844.36	-55.97	-13	-42.97	-66.17	3.271	13.47	V
Middle	3465	-57.91	-13	-44.91	-68.65	2.604	13.34	H
	5205	-55.42	-13	-42.42	-65.93	3.011	13.52	H
	6945	-55.97	-13	-42.97	-66.17	3.271	13.47	H
	3465	-58.07	-13	-45.07	-68.81	2.604	13.34	V
	5208.27	-55.25	-13	-42.25	-65.76	3.011	13.52	V
	6944.36	-55.34	-13	-42.34	-65.54	3.271	13.47	V
Highest	3525	-58.32	-13	-45.32	-69.06	2.604	13.34	H
	5283.27	-55.82	-13	-42.82	-66.33	3.011	13.52	H
	7050	-55.45	-13	-42.45	-65.65	3.271	13.47	H
	3525	-58.93	-13	-45.93	-69.67	2.604	13.34	V
	5280	-55.80	-13	-42.80	-66.31	3.011	13.52	V
	7050	-55.66	-13	-42.66	-65.86	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 / 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	1648	-66.29	-13	-53.29	-73.26	1.58	10.70	H
	2472	-59.05	-13	-46.05	-67.30	2.102	12.50	H
	3296	-61.70	-13	-48.70	-70.59	2.856	13.90	H
	1672	-64.12	-13	-51.12	-71.09	1.58	10.70	V
	2504	-61.57	-13	-48.57	-69.82	2.10	12.50	V
	3336	-60.88	-13	-47.88	-69.77	2.86	13.90	V
	1672	-64.12	-13	-51.12	-71.09	1.58	10.70	H
	2504	-61.57	-13	-48.57	-69.82	2.102	12.50	H
	3336	-60.88	-13	-47.88	-69.77	2.856	13.90	H
	1672	-63.55	-13	-50.55	-70.52	1.58	10.70	V
	2504	-59.86	-13	-46.86	-68.11	2.10	12.50	V
	3336	-61.00	-13	-48.00	-69.89	2.86	13.90	V
Middle	1656	-65.70	-13	-52.70	-72.67	1.58	10.70	H
	2480	-62.01	-13	-49.01	-70.26	2.102	12.50	H
	3312	-61.26	-13	-48.26	-70.15	2.856	13.90	H
	1656	-64.82	-13	-51.82	-71.79	1.58	10.70	V
	2481	-52.48	-13	-39.48	-60.73	2.10	12.50	V
	3312	-61.26	-13	-48.26	-70.15	2.86	13.90	V
	1672	-64.81	-13	-51.81	-71.78	1.58	10.70	H
	2512	-61.13	-13	-48.13	-69.38	2.102	12.50	H
	3352	-61.07	-13	-48.07	-69.96	2.856	13.90	H
	1672	-63.57	-13	-50.57	-70.54	1.58	10.70	V
	2512	-59.75	-13	-46.75	-68.00	2.10	12.50	V
	3352	-60.90	-13	-47.90	-69.79	2.86	13.90	V
Highest	1656	-65.13	-13	-52.13	-72.10	1.58	10.70	H
	2488	-61.39	-13	-48.39	-69.64	2.102	12.50	H
	3320	-60.34	-13	-47.34	-69.23	2.856	13.90	H
	1656	-64.37	-13	-51.37	-71.34	1.58	10.70	V
	2488	-59.51	-13	-46.51	-67.76	2.10	12.50	V
	3320	-60.65	-13	-47.65	-69.54	2.86	13.90	V
	1680	-64.19	-13	-51.19	-71.16	1.58	10.70	H
	2520	-60.33	-13	-47.33	-68.58	2.102	12.50	H
	3360	-60.83	-13	-47.83	-69.72	2.856	13.90	H
	1680	-62.89	-13	-49.89	-69.86	1.58	10.70	V
	2520	-59.15	-13	-46.15	-67.40	2.10	12.50	V
	3360	-61.15	-13	-48.15	-70.04	2.86	13.90	V

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



DC_25A_n41A / 20MHz / QPSK / Ant.4+1								
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	-54.93	-13	-41.93	-67.19	2.64	14.90	H
	5553	-55.15	-13	-42.15	-67.01	2.94	14.80	H
	7404	-53.76	-13	-40.76	-63.53	3.39	13.16	H
	3702	-55.07	-13	-42.07	-67.33	2.64	14.90	V
	5553	-55.00	-13	-42.00	-66.86	2.94	14.80	V
	7410	-54.34	-13	-41.34	-64.11	3.39	13.16	V
Middle	3735	-55.83	-13	-42.83	-68.09	2.64	14.90	H
	5613	-54.48	-13	-41.48	-66.34	2.94	14.80	H
	7484	-52.93	-13	-39.93	-62.70	3.39	13.16	H
	3742	-55.00	-13	-42.00	-67.26	2.64	14.90	V
	5613	-54.71	-13	-41.71	-66.57	2.94	14.80	V
	7485	-53.63	-13	-40.63	-63.40	3.39	13.16	V
Highest	3792	-55.68	-13	-42.68	-67.94	2.64	14.90	H
	5688	-54.25	-13	-41.25	-66.11	2.94	14.80	H
	7590	-53.19	-13	-40.19	-62.96	3.39	13.16	H
	3795	-55.19	-13	-42.19	-67.45	2.64	14.90	V
	5688	-54.78	-13	-41.78	-66.64	2.94	14.80	V
	7584	-52.95	-13	-39.95	-62.72	3.39	13.16	V

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



DC_66A_n41A / 20MHz / QPSK / Ant.4+1								
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	3422	-57.33	-13	-44.33	-68.07	2.604	13.34	H
	5130	-48.32	-13	-35.32	-58.83	3.011	13.52	H
	6840	-55.74	-13	-42.74	-65.94	3.271	13.47	H
	3420	-56.90	-13	-43.90	-67.64	2.604	13.34	V
	5133	-48.02	-13	-35.02	-58.53	3.011	13.52	V
	6844	-55.42	-13	-42.42	-65.62	3.271	13.47	V
Middle	3465	-56.59	-13	-43.59	-67.33	2.604	13.34	H
	5208	-50.50	-13	-37.50	-61.01	3.011	13.52	H
	6944	-55.32	-13	-42.32	-65.52	3.271	13.47	H
	3472	-57.86	-13	-44.86	-68.60	2.604	13.34	V
	5205	-49.87	-13	-36.87	-60.38	3.011	13.52	V
	6945	-55.40	-13	-42.40	-65.60	3.271	13.47	V
Highest	3522	-56.85	-13	-43.85	-67.59	2.604	13.34	H
	5283	-54.00	-13	-41.00	-64.51	3.011	13.52	H
	7044	-54.48	-13	-41.48	-64.68	3.271	13.47	H
	3522	-57.60	-13	-44.60	-68.34	2.604	13.34	V
	5283	-55.39	-13	-42.39	-65.90	3.011	13.52	V
	7044	-54.74	-13	-41.74	-64.94	3.271	13.47	V

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