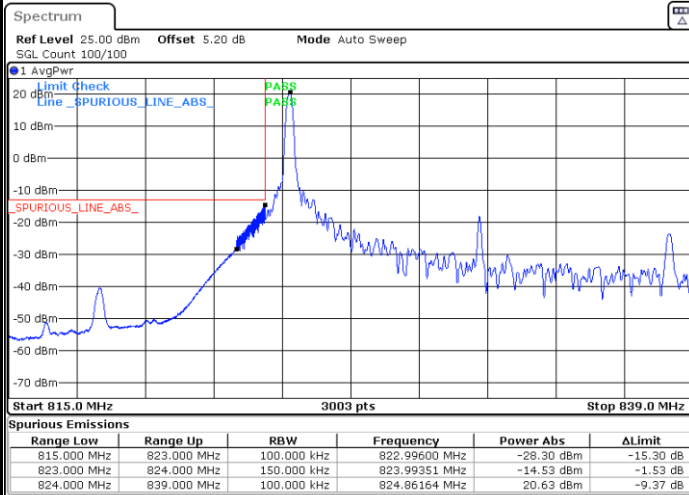


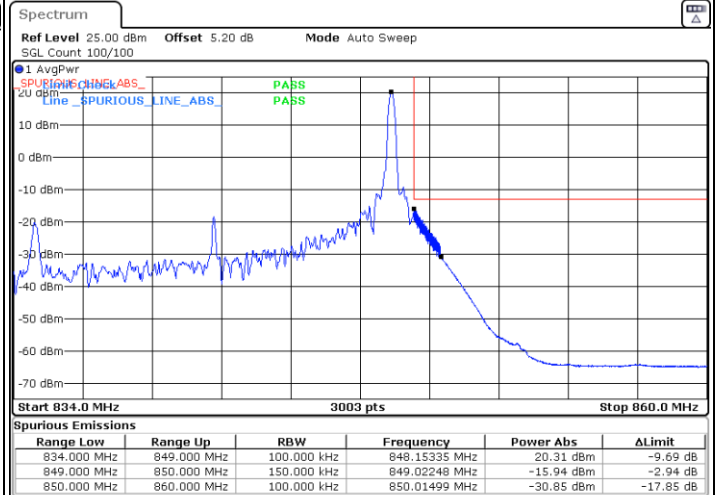


LTE Band 26 / 15MHz / QPSK

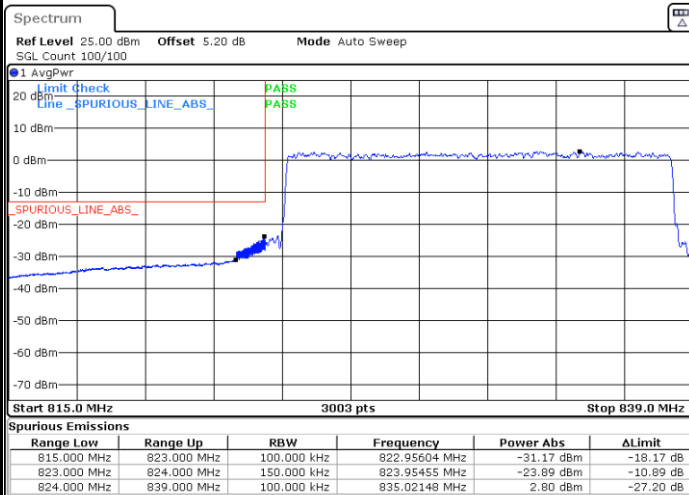
Lowest Band Edge / 1 RB



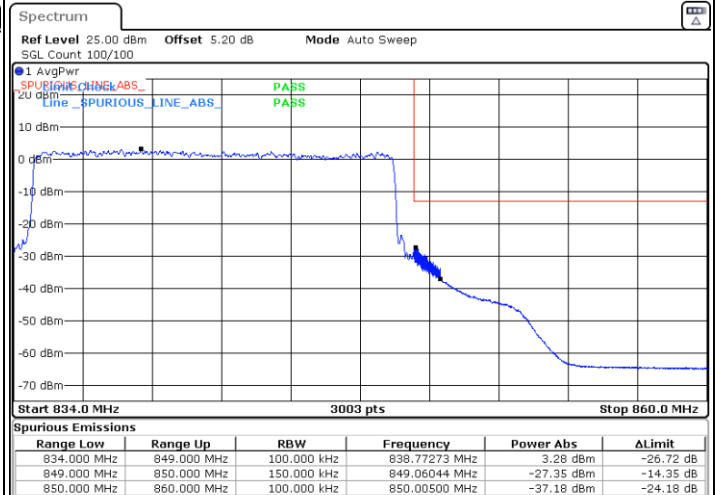
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



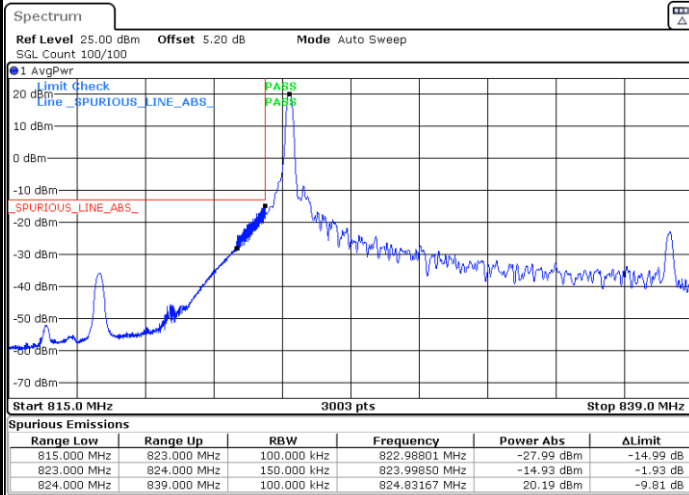
Highest Band Edge / Full RB



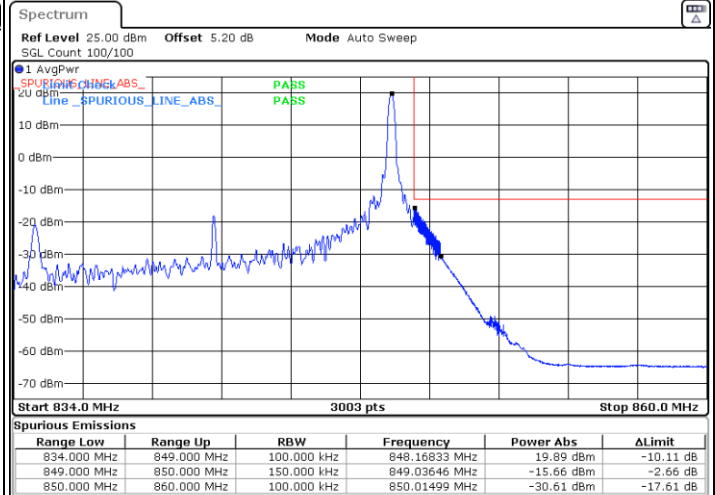


LTE Band 26 / 15MHz / 16QAM

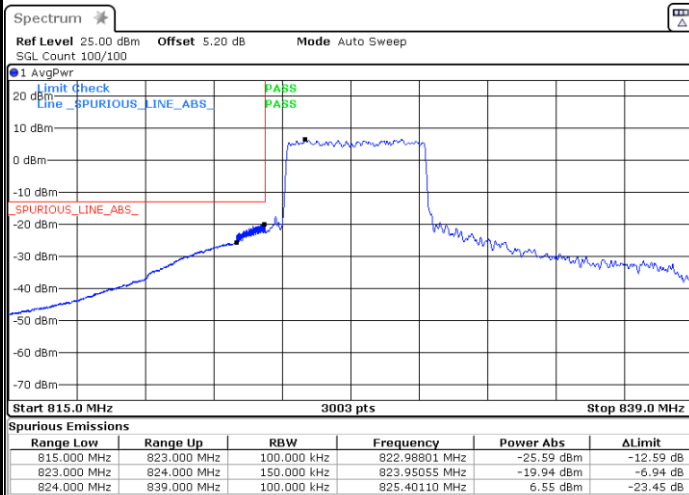
Lowest Band Edge / 1RB



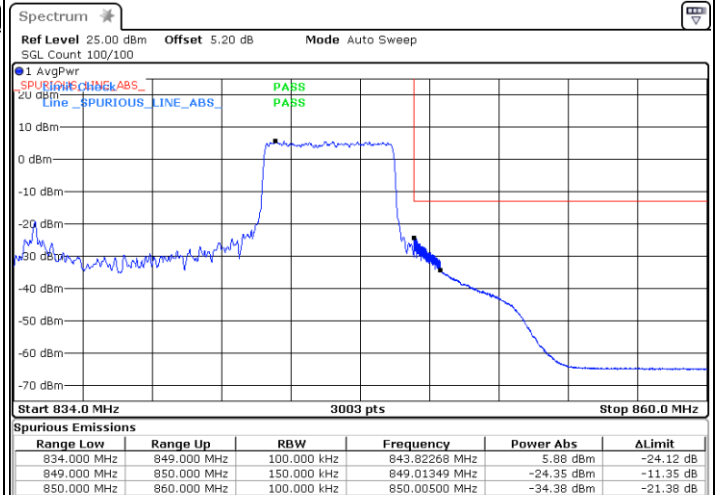
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

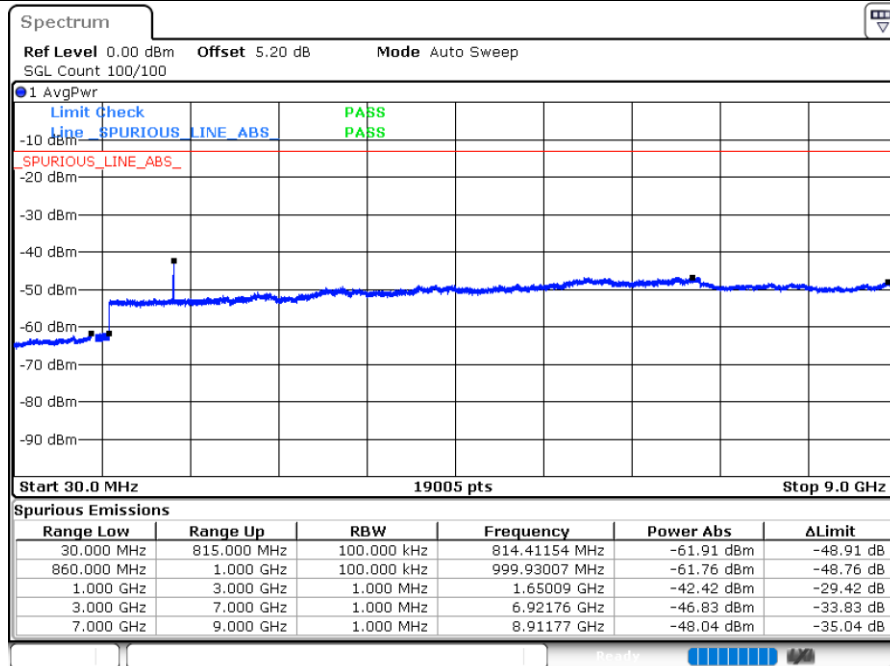




Conducted Spurious Emission

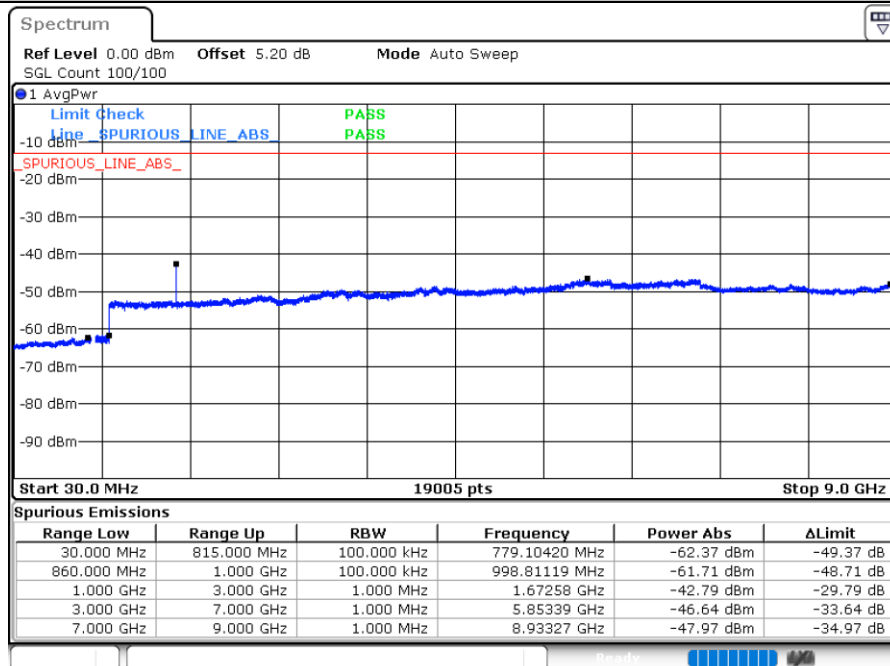
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



Date: 18.AUG.2023 01:38:23

Middle Channel / QPSK

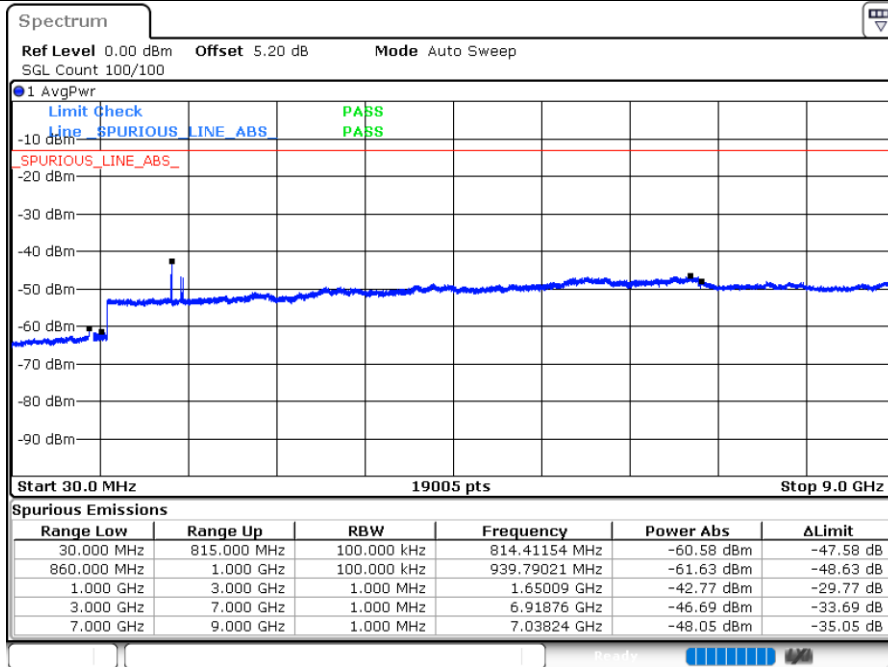


Date: 18.AUG.2023 01:44:52



LTE Band 26 / 1.4MHz

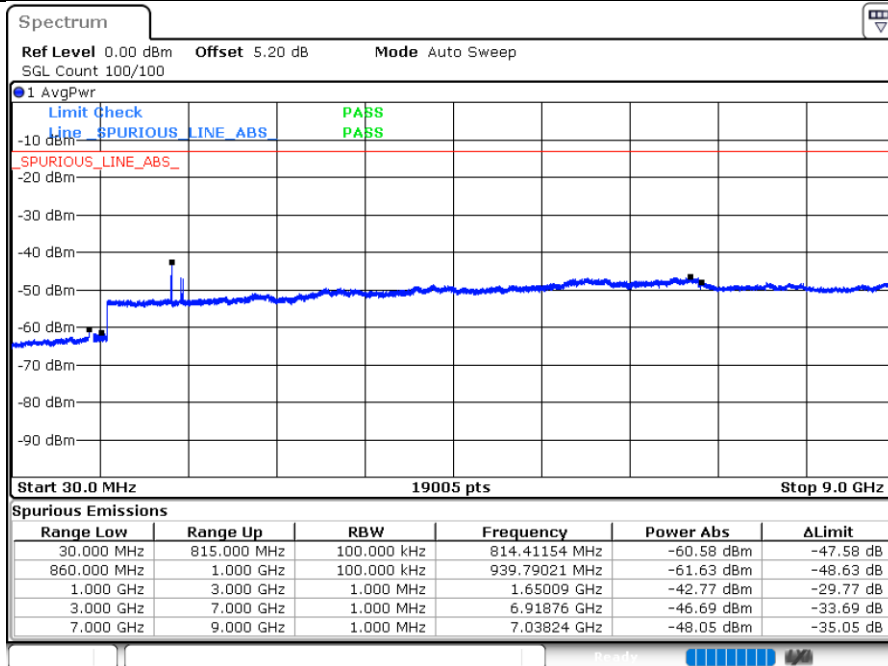
Highest Channel / QPSK



Date: 18.AUG.2023 01:55:04

LTE Band 26 / 3MHz

Lowest Channel / QPSK

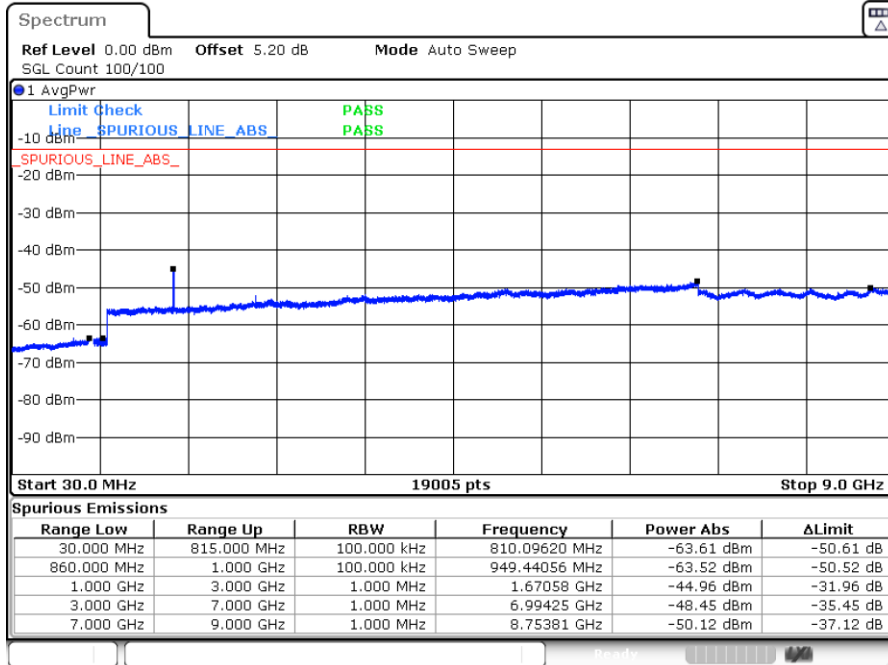


Date: 18.AUG.2023 01:55:04

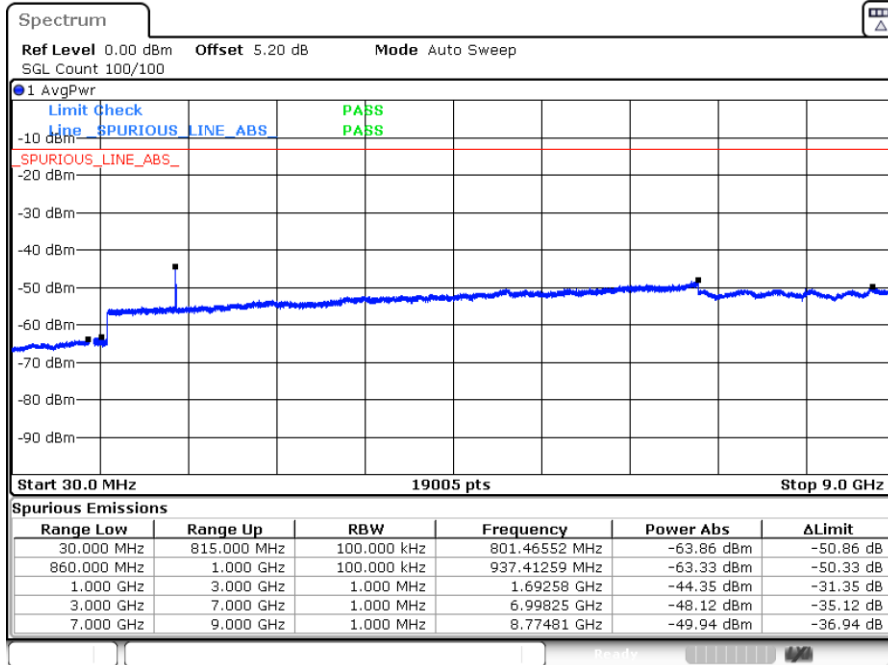


LTE Band 26 / 3MHz

Middle Channel / QPSK



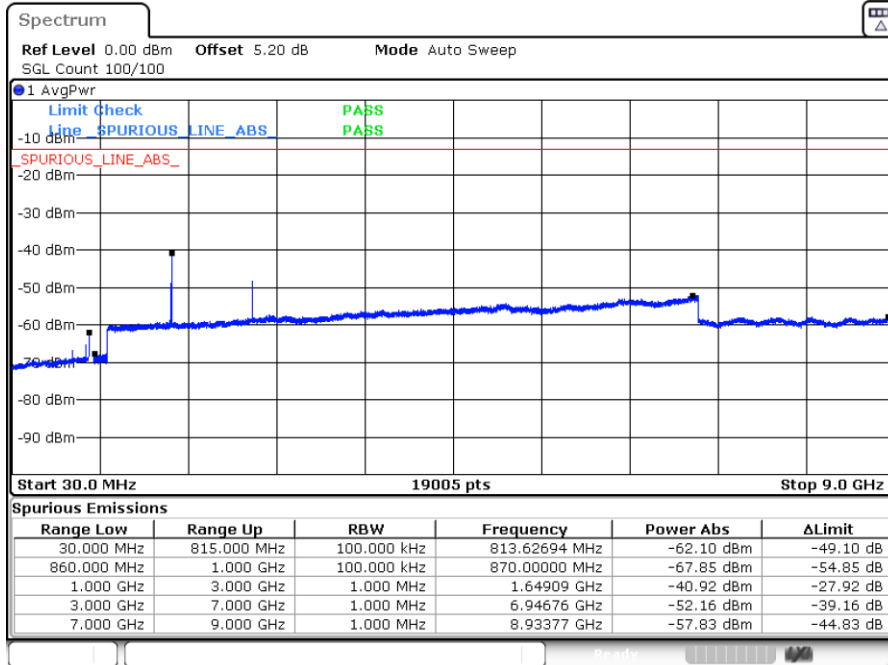
Highest Channel / QPSK



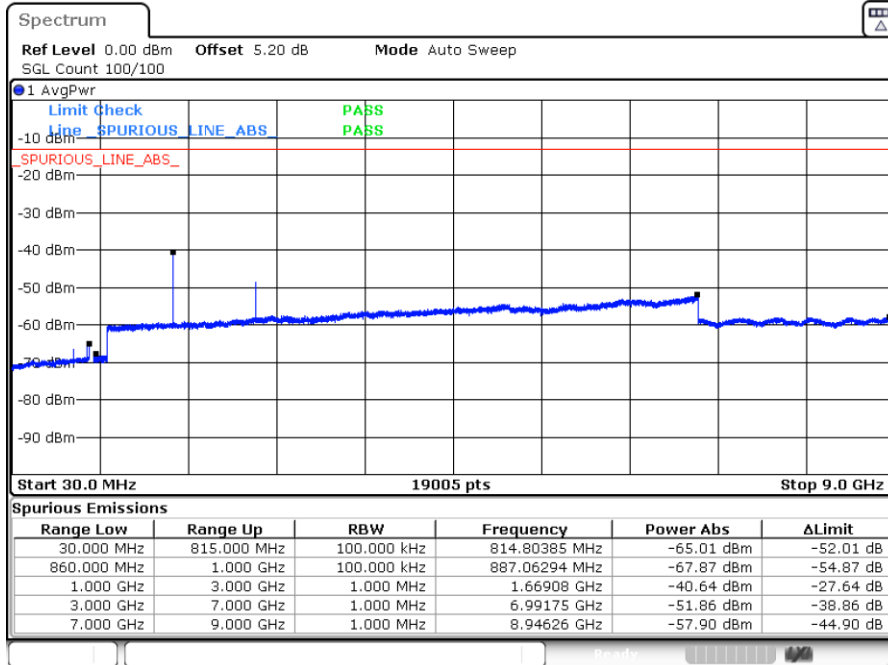


LTE Band 26 / 5MHz

Lowest Channel / QPSK



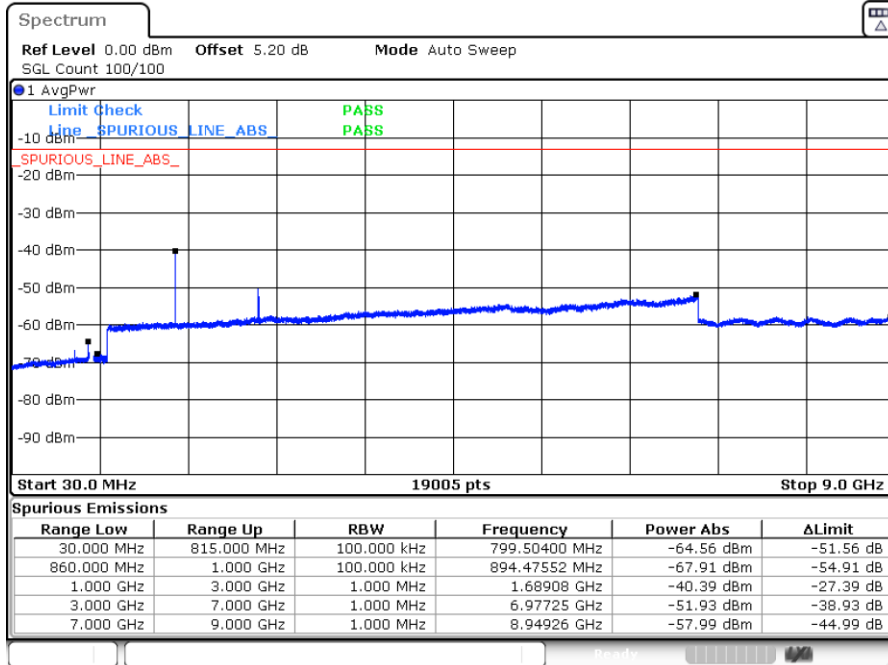
Middle Channel / QPSK





LTE Band 26 / 5MHz

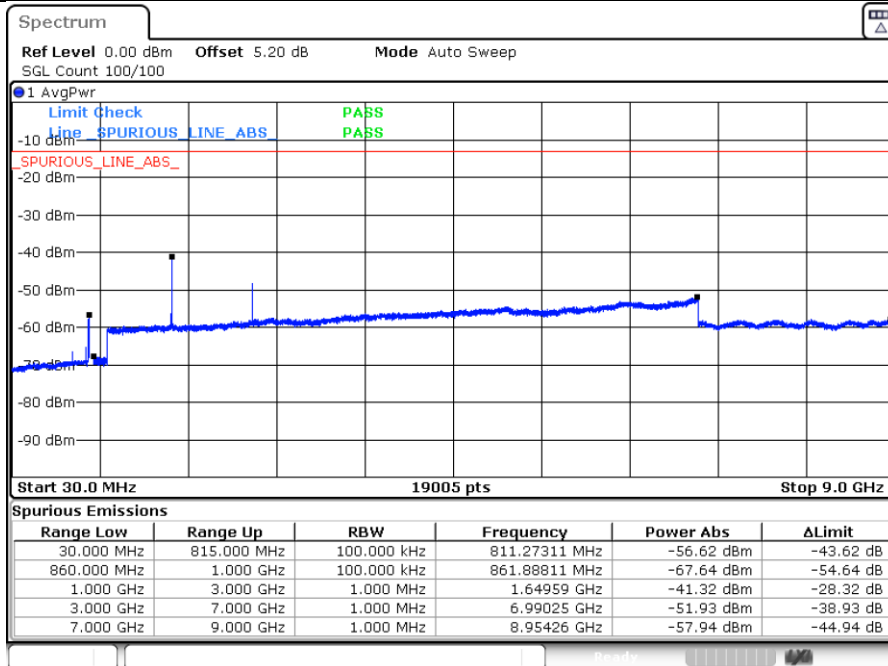
Highest Channel / QPSK



Date: 18.AUG.2023 11:32:17

LTE Band 26 / 10MHz

Lowest Channel / QPSK

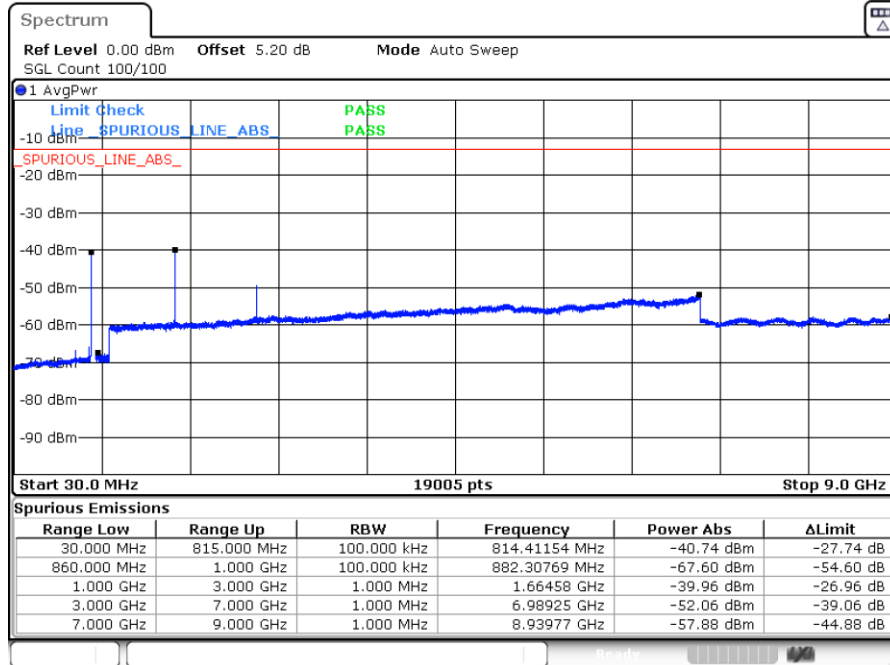


Date: 18.AUG.2023 11:42:22



LTE Band 26 / 10MHz

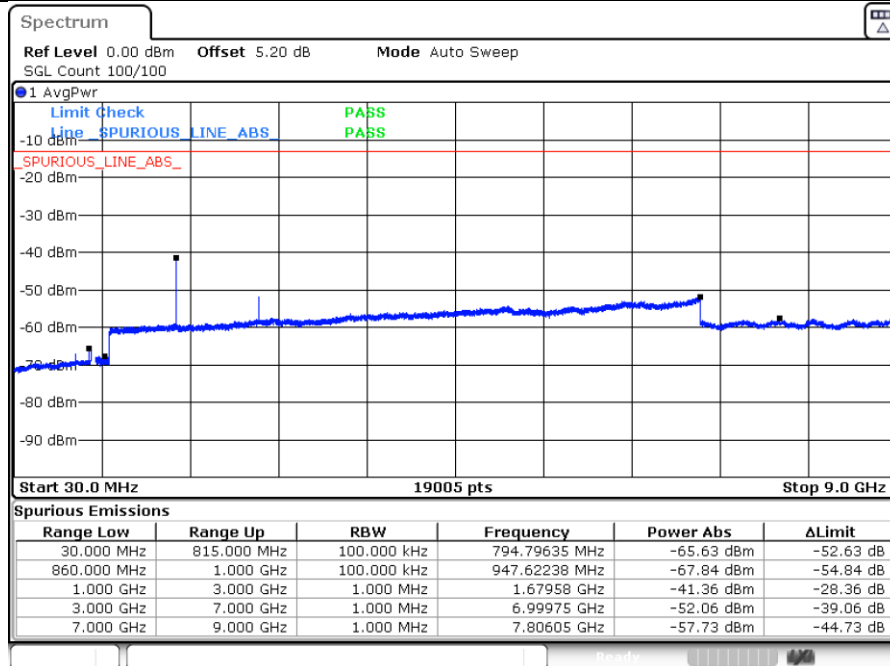
Middle Channel / QPSK



Date: 18.AUG.2023 13:37:55

LTE Band 26 / 10MHz

Highest Channel / QPSK

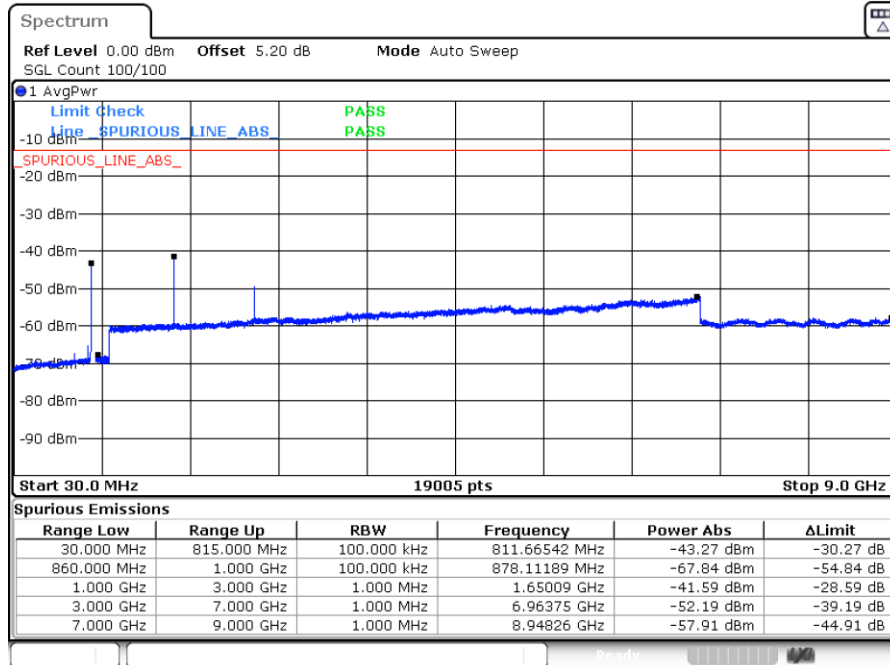


Date: 18.AUG.2023 13:42:18



LTE Band 26 / 15MHz

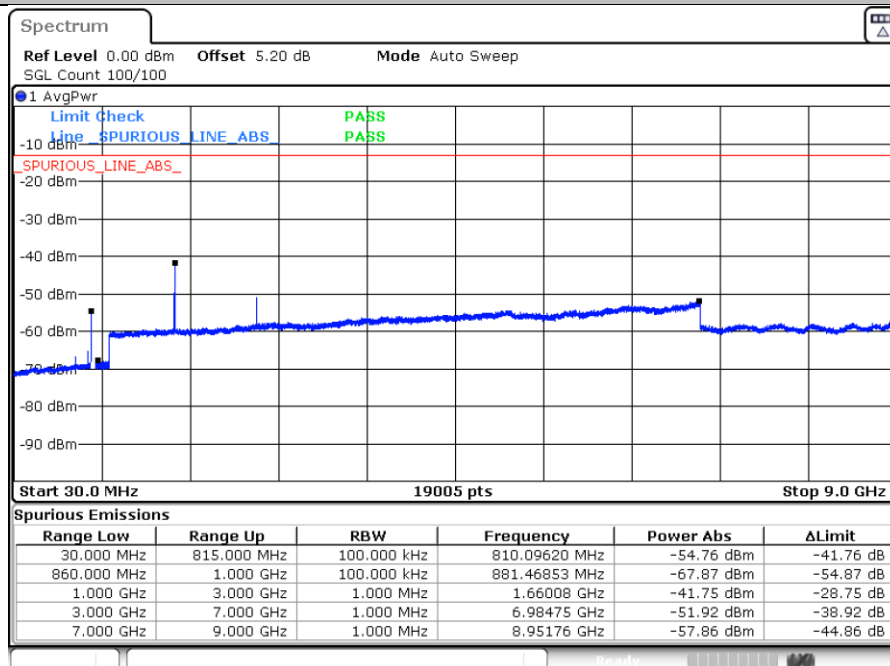
Lowest Channel / QPSK



Date: 18.AUG.2023 13:52:46

LTE Band 26 / 15MHz

Middle Channel / QPSK

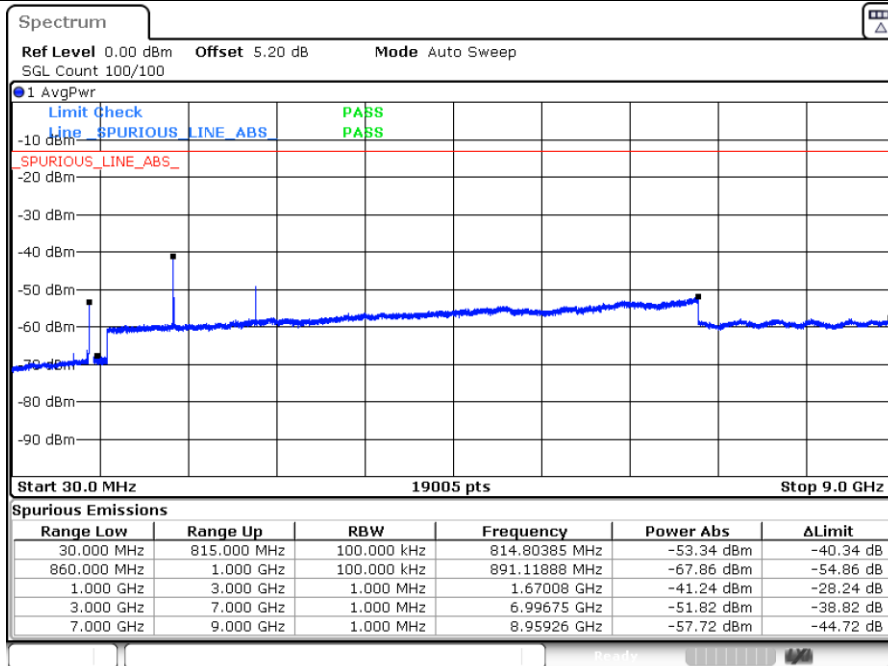


Date: 18.AUG.2023 13:59:44



LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 18.AUG.2023 14:05:23

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	-0.0015	
20	Normal Voltage	0.0012	
20	Minimum Voltage	0.0009	

Note: Normal Voltage =3.8 V. ; Minimum Voltage =3.4V. ; Maximum Voltage =4.4 V.



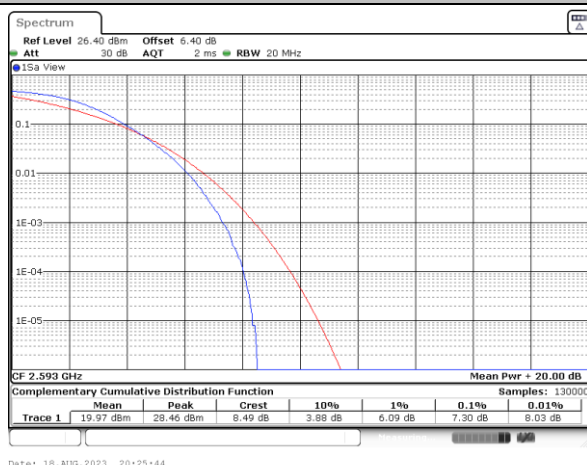
LTE Band 41

Peak-to-Average Ratio

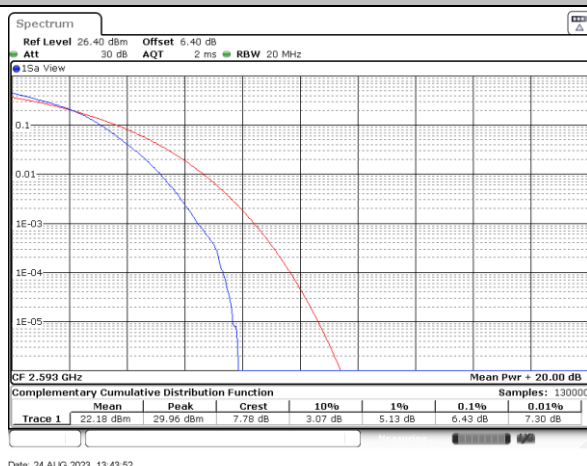
Mode	LTE Band 41 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	7.30	6.43	PASS

LTE Band 41 / 20MHz / Full RB

LMiddle Channel / QPSK



Middle Channel /16QAM



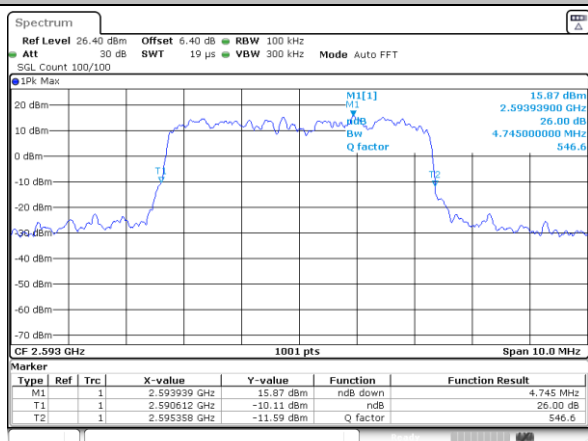


26dB Bandwidth

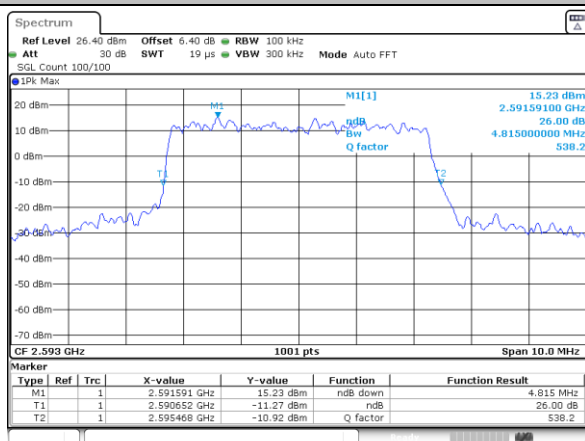
Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.75	4.82	9.75	5.53	14.75	5.16	20.58	6.83

LTE Band 41

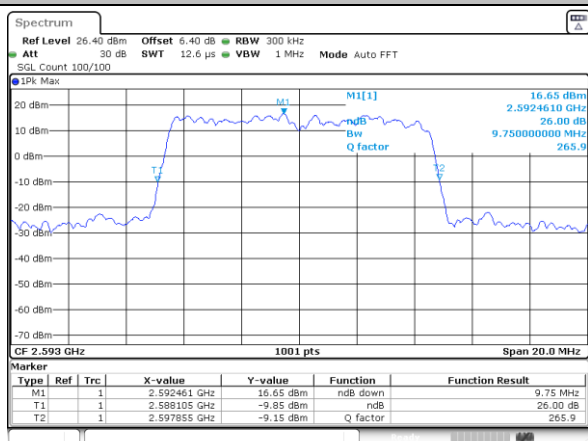
Middle Channel / 5MHz / QPSK



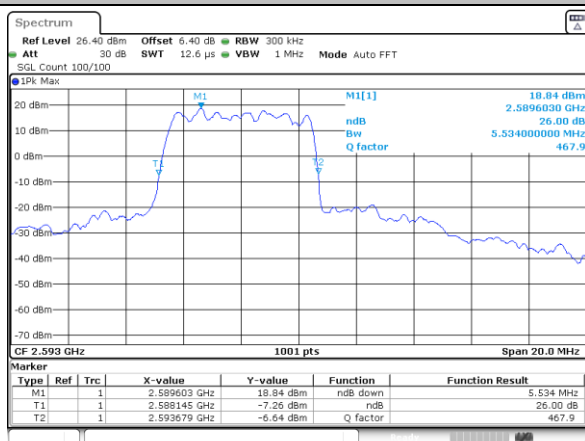
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



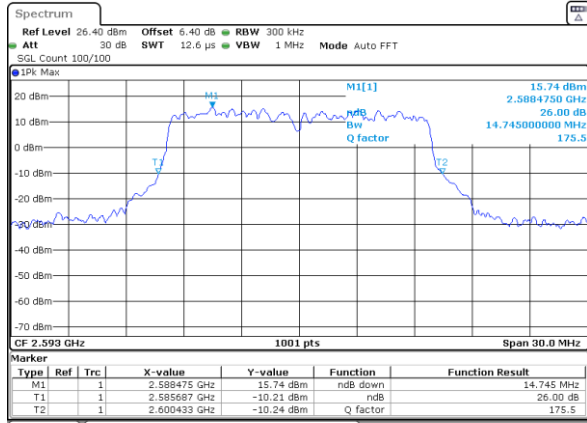
Middle Channel / 10MHz / 16QAM





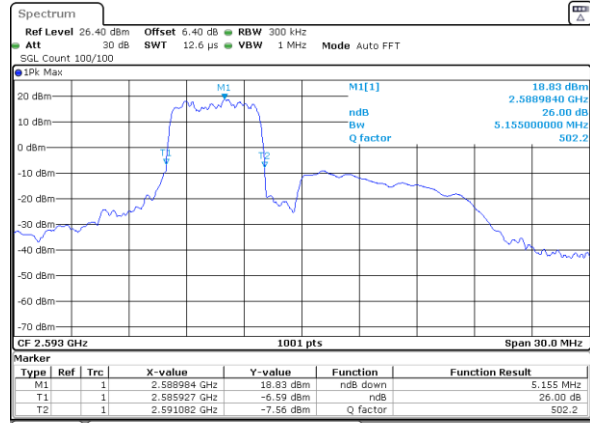
LTE Band 41

Middle Channel / 15MHz / QPSK



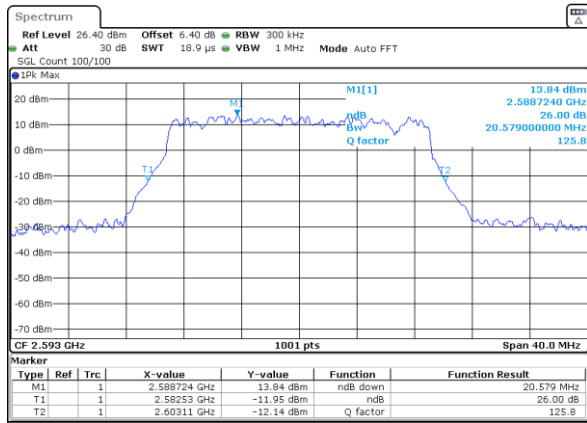
Date: 18.AUG.2023 20:24:37

Middle Channel / 15MHz / 16QAM



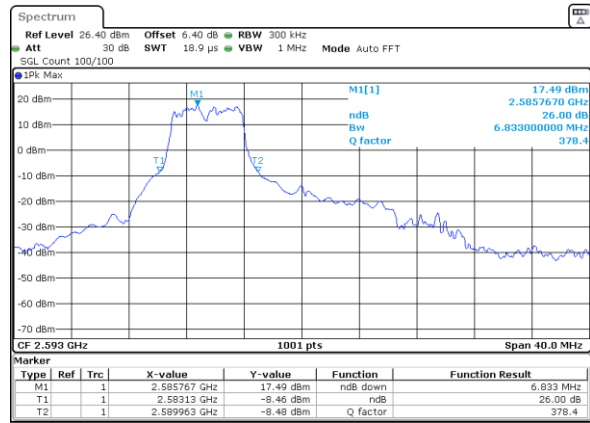
Date: 18.AUG.2023 20:49:53

Middle Channel / 20MHz / QPSK



Date: 18.AUG.2023 20:25:21

Middle Channel / 20MHz / 16QAM



Date: 18.AUG.2023 20:52:08

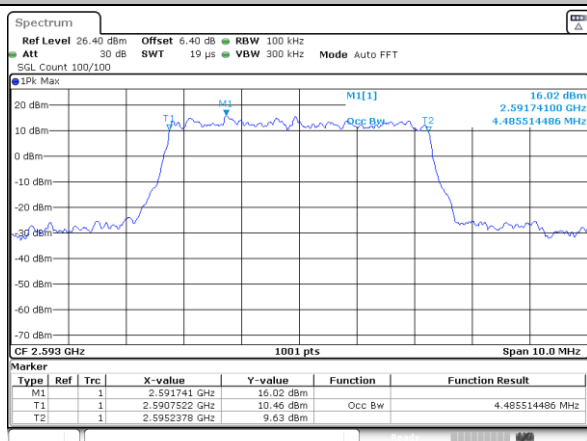


Occupied Bandwidth

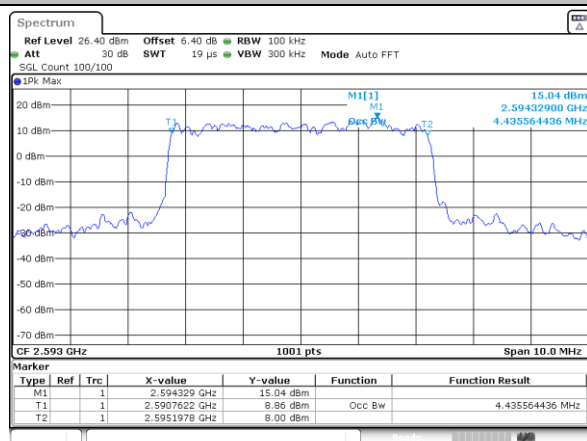
Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.44	8.99	4.66	13.43	5.66	17.90	5.11

LTE Band 41

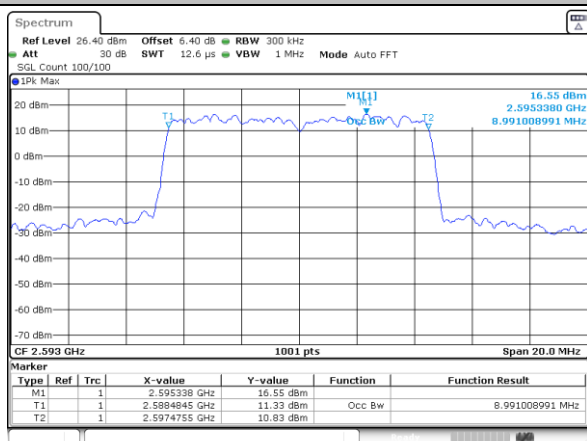
Middle Channel / 5MHz / QPSK



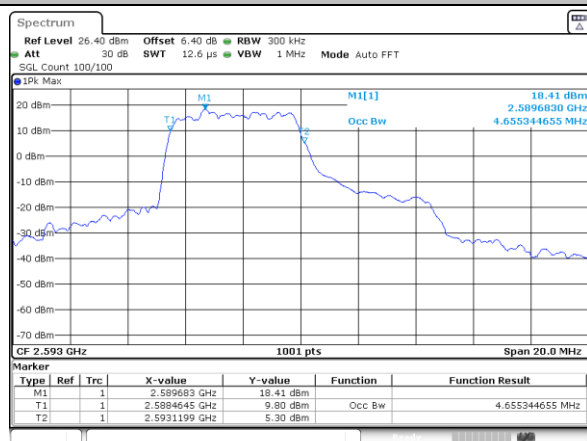
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



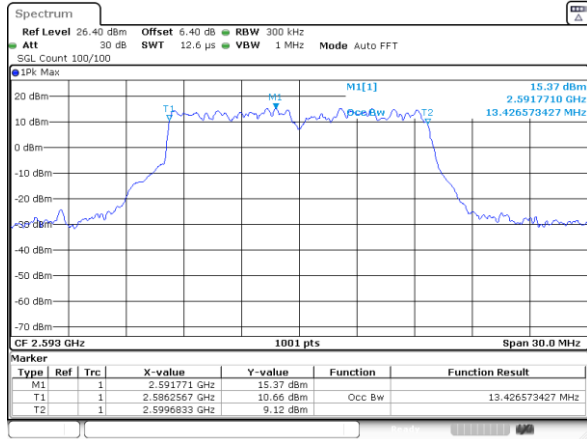
Middle Channel / 10MHz / 16QAM



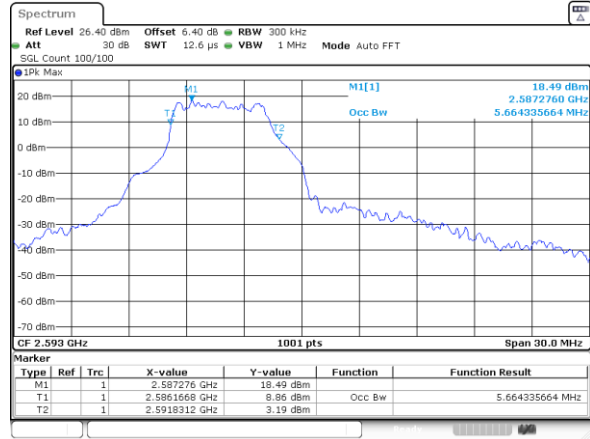


LTE Band 41

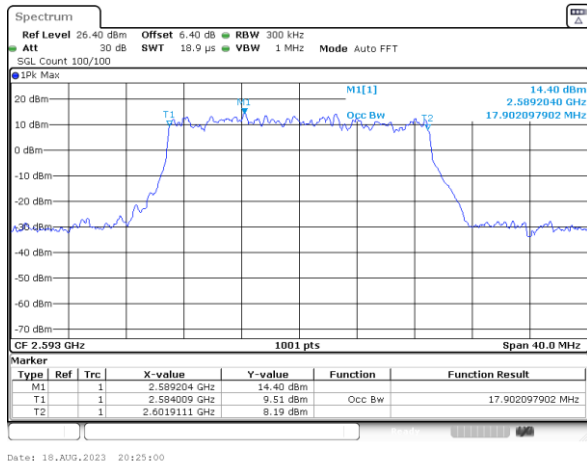
Middle Channel / 15MHz / QPSK



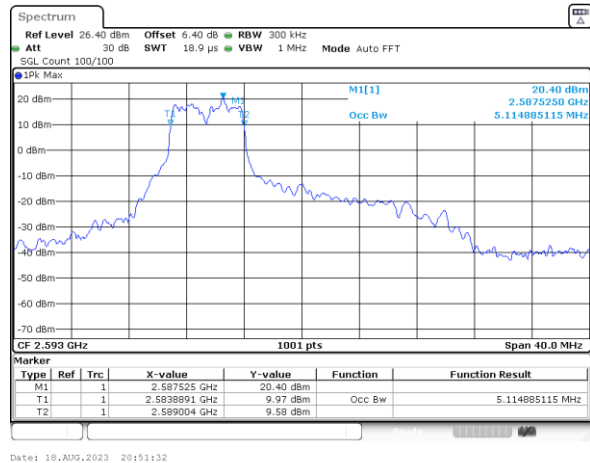
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

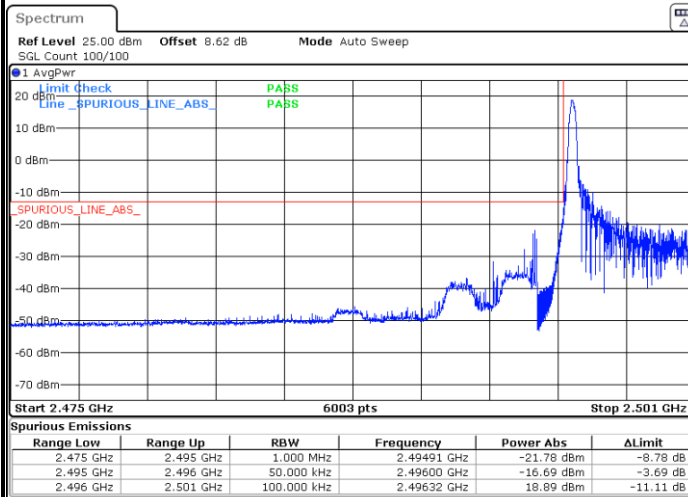




Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

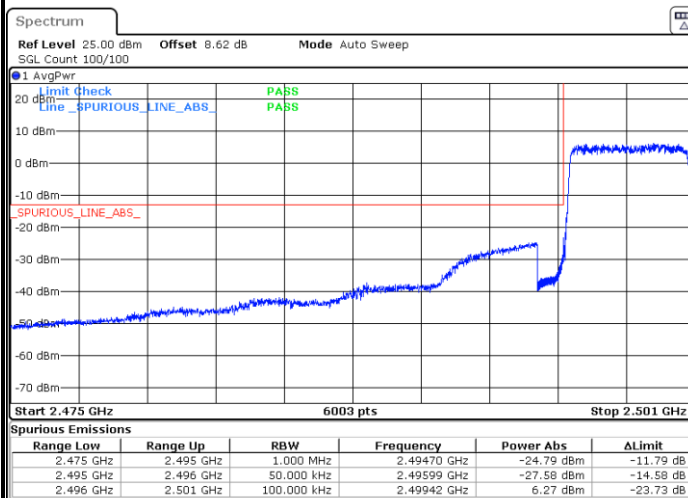
Lowest Band Edge / 1 RB



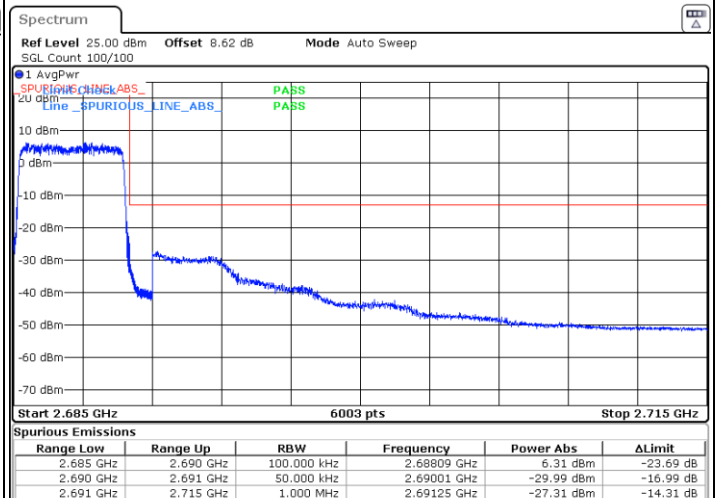
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



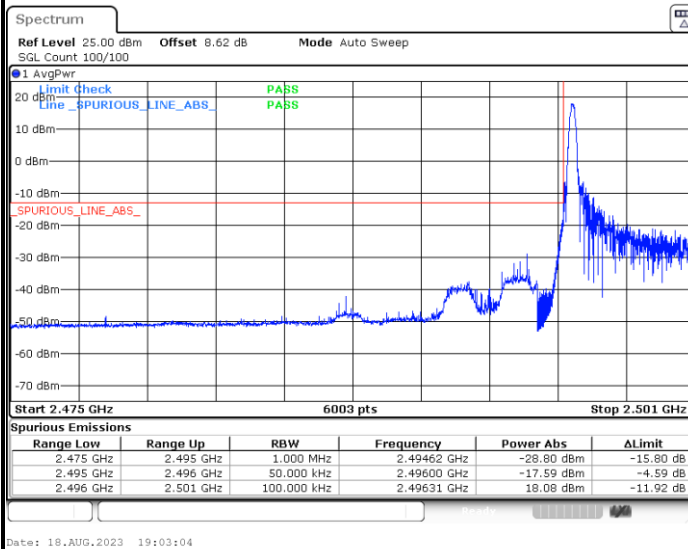
Highest Band Edge / Full RB



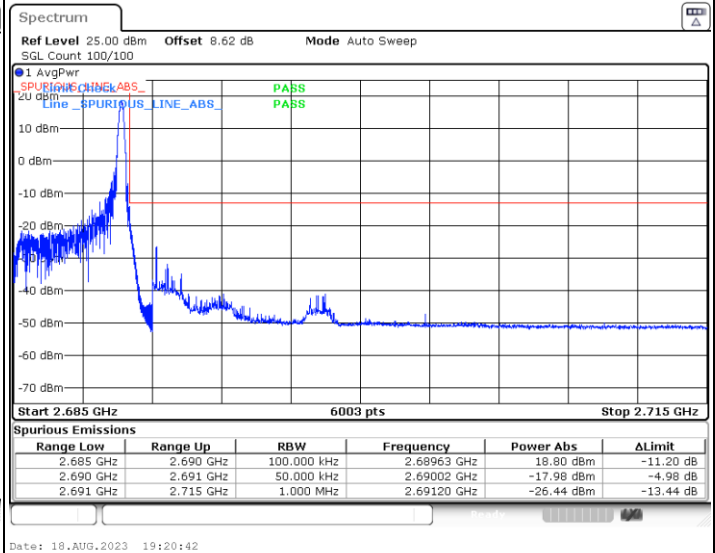


LTE Band 41 / 5MHz / 16QAM

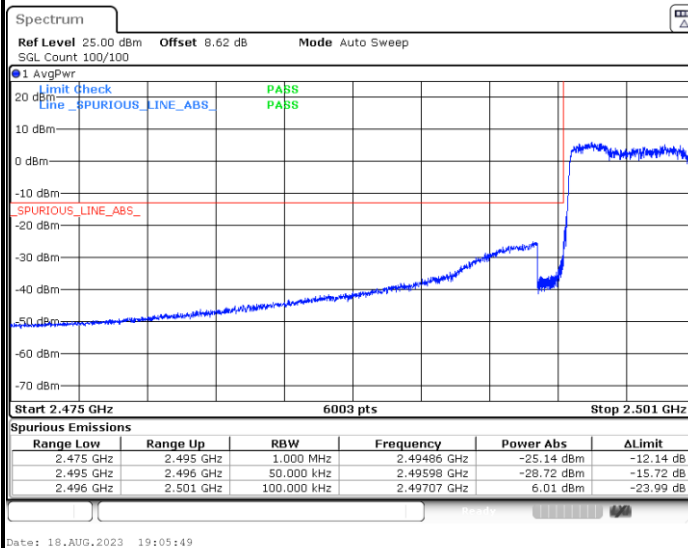
Lowest Band Edge / 1RB



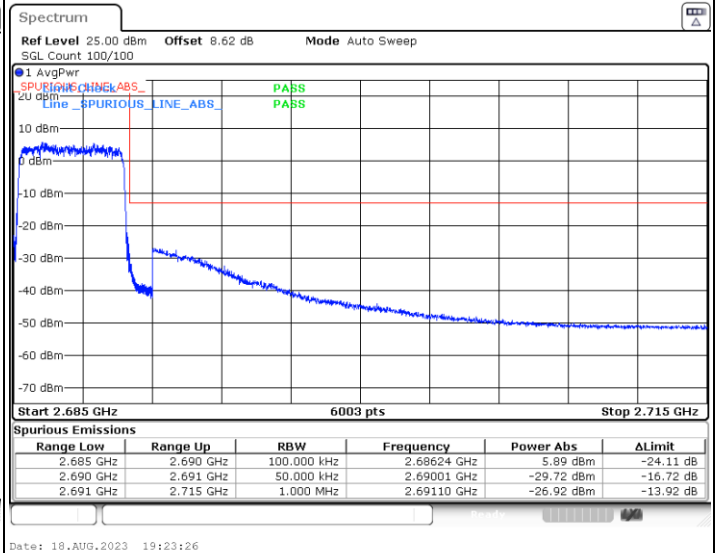
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



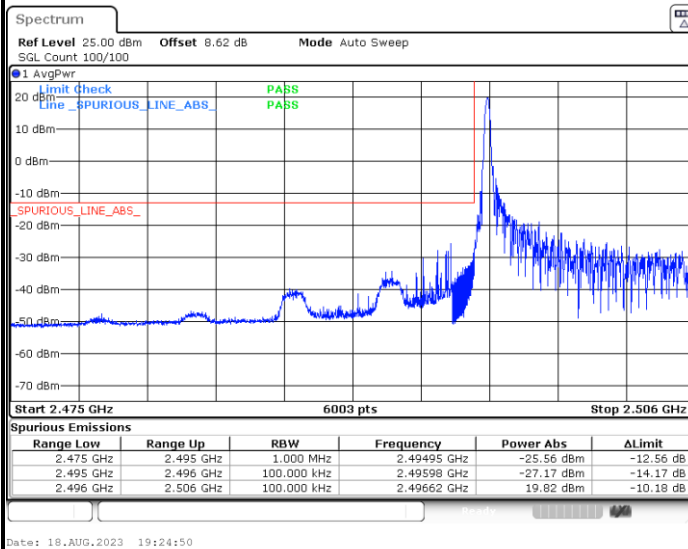
Highest Band Edge / Full RB



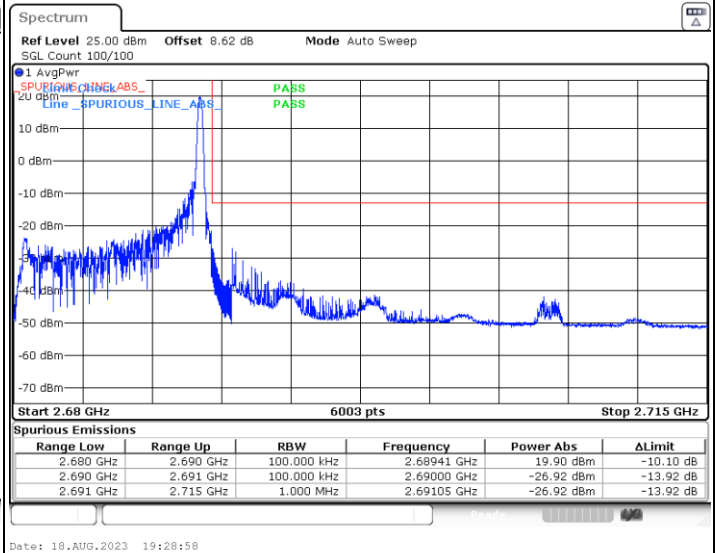


LTE Band 41 / 10MHz / QPSK

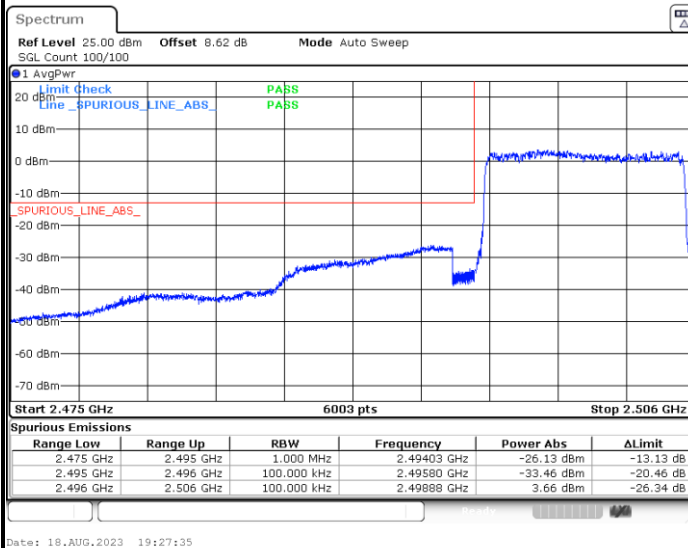
Lowest Band Edge / 1 RB



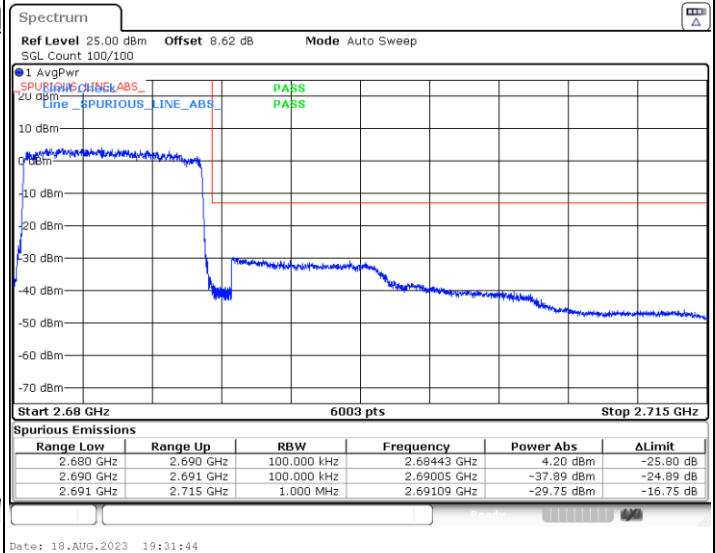
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



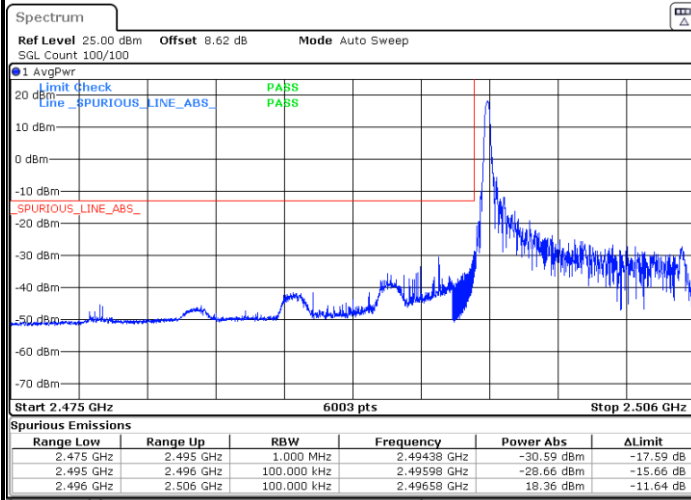
Highest Band Edge / Full RB



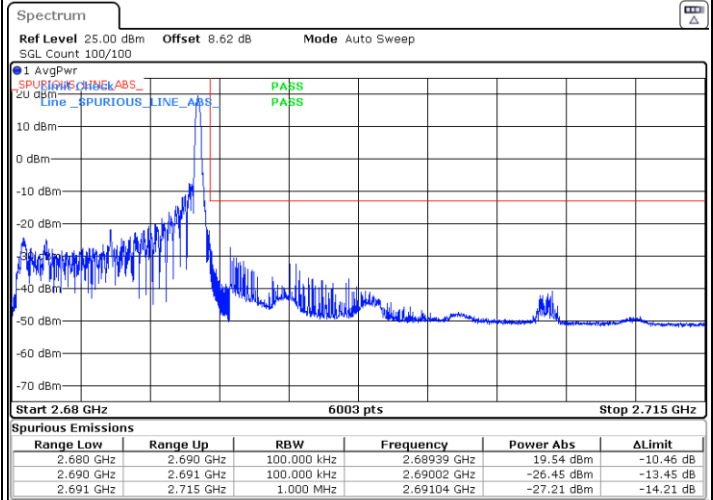


LTE Band 41 / 10MHz / 16QAM

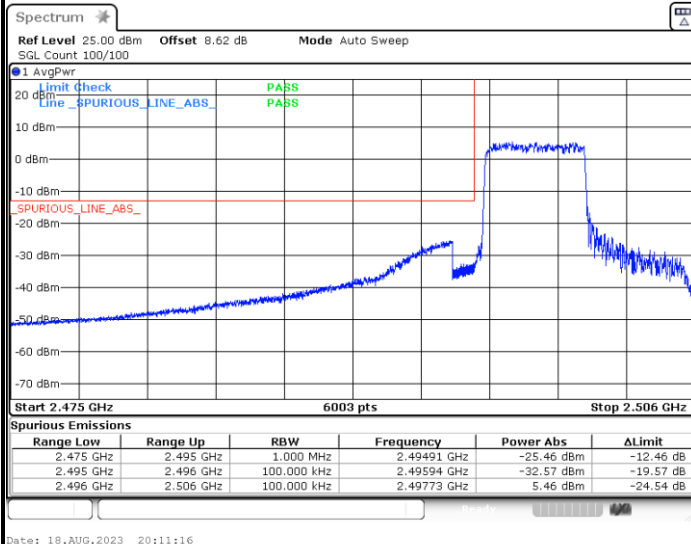
Lowest Band Edge / 1 RB



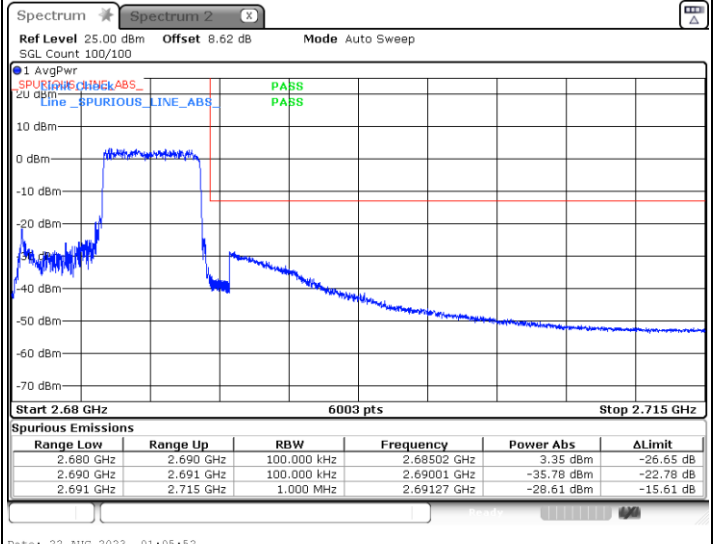
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



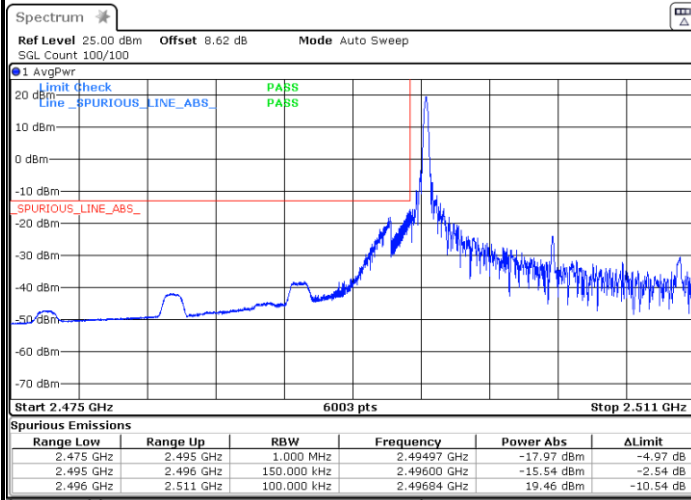
Highest Band Edge / Full RB



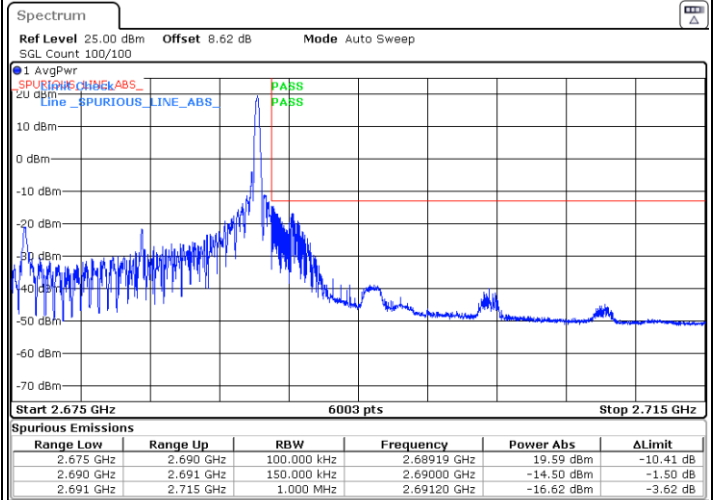


LTE Band 41 / 15MHz / QPSK

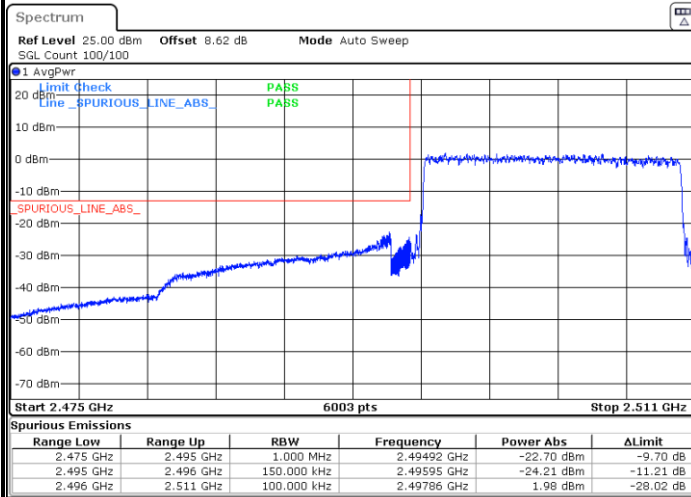
Lowest Band Edge / 1 RB



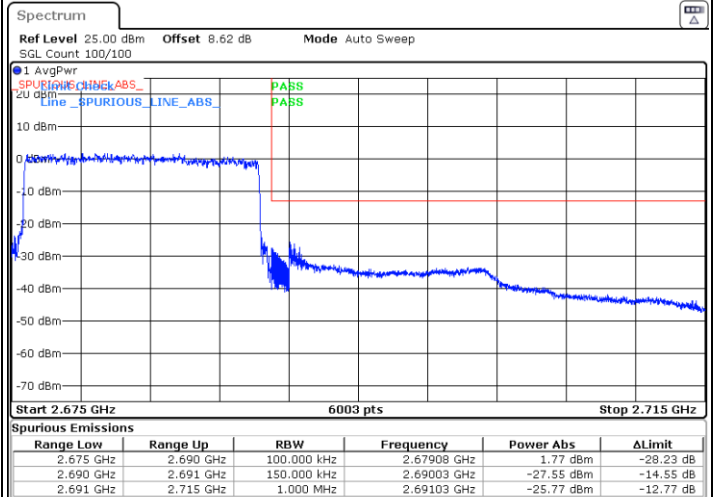
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



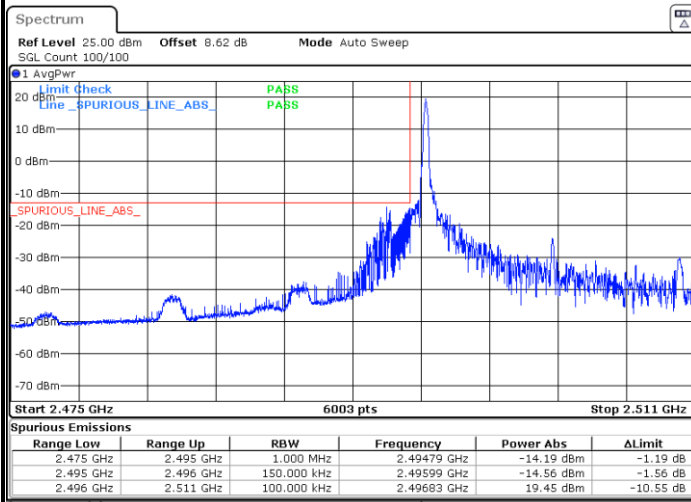
Highest Band Edge / Full RB



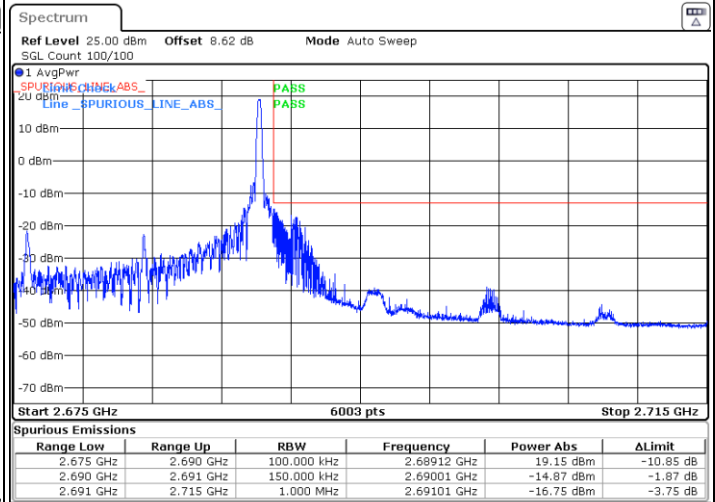


LTE Band 41 / 15MHz / 16QAM

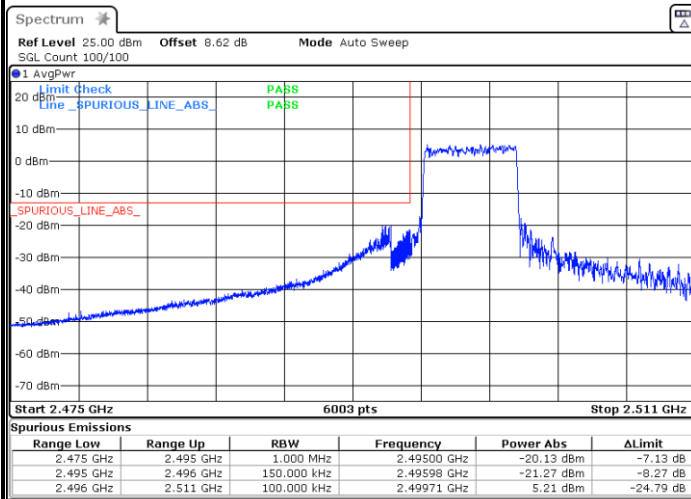
Lowest Band Edge / 1 RB



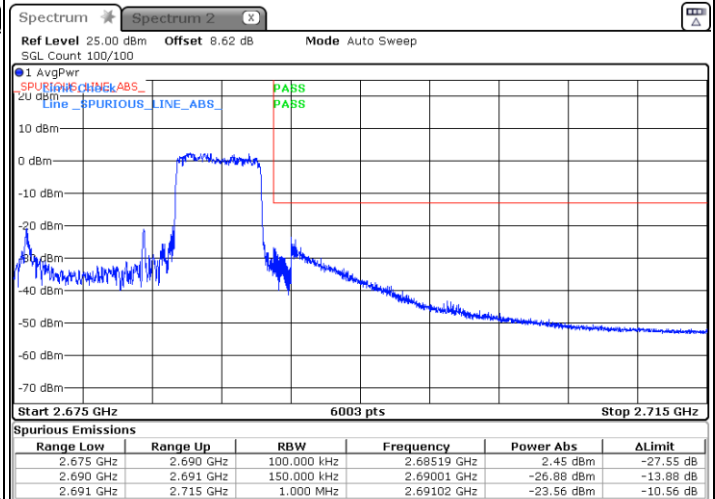
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



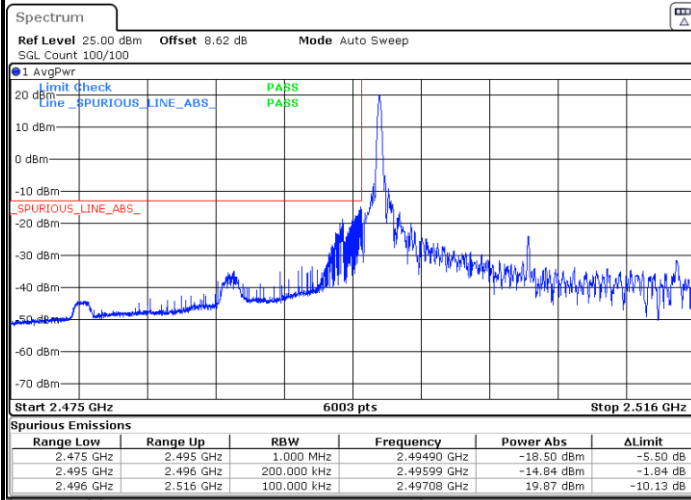
Highest Band Edge / Full RB



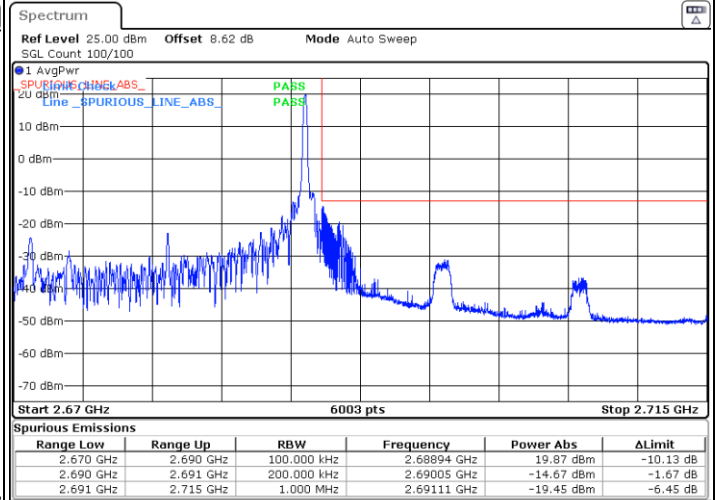


LTE Band 41 / 20MHz / QPSK

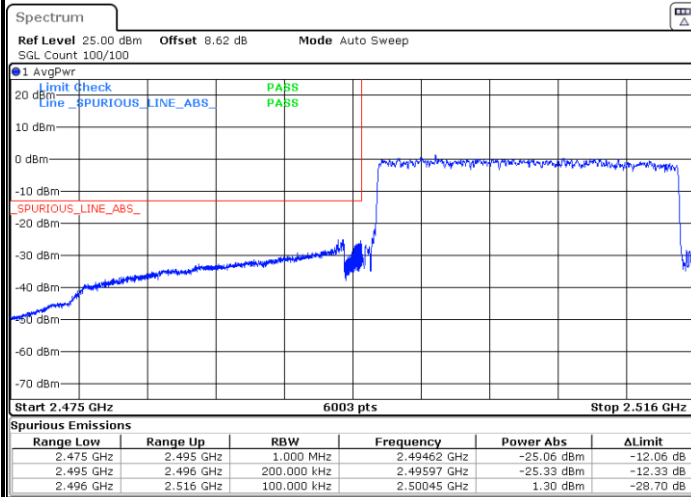
Lowest Band Edge / 1 RB



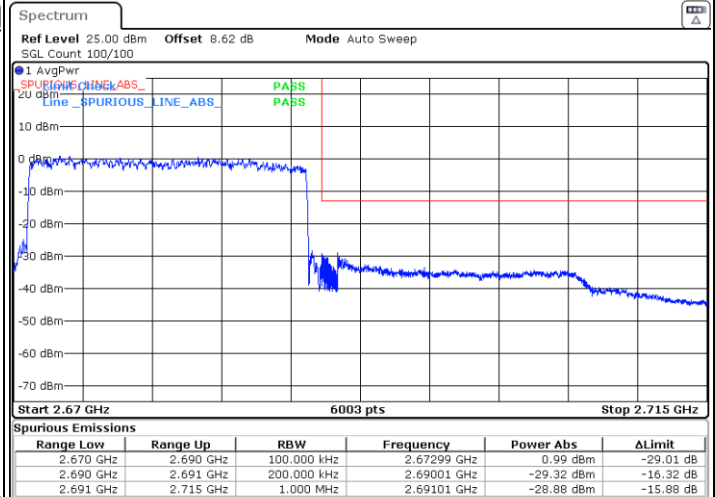
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



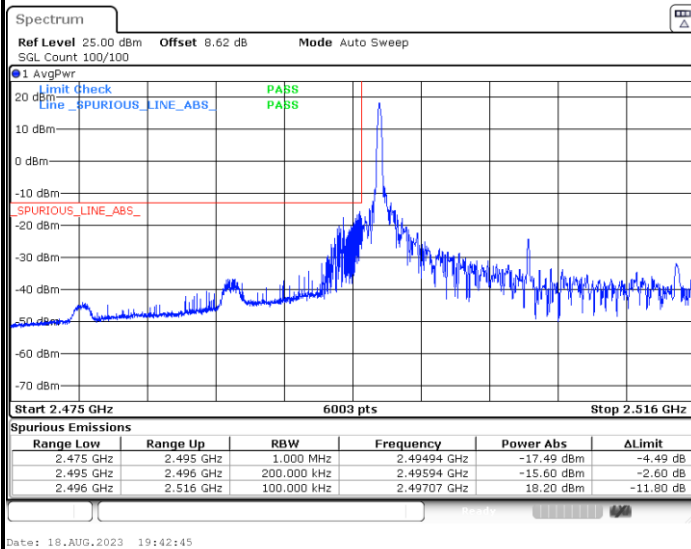
Highest Band Edge / Full RB



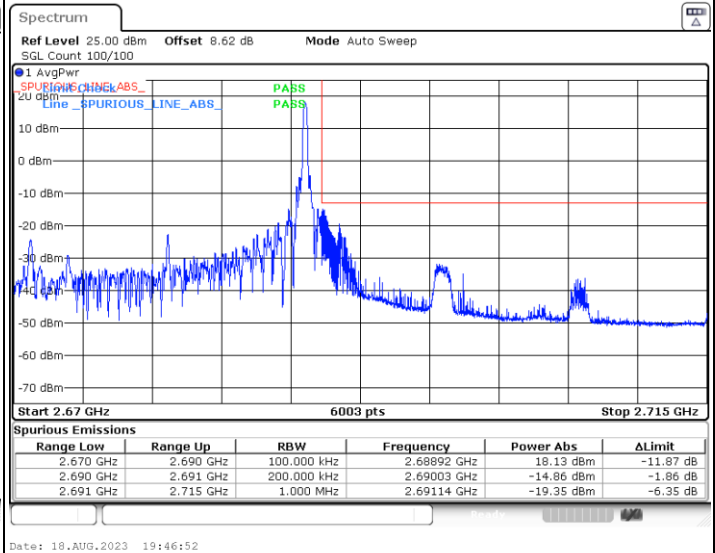


LTE Band 41 / 20MHz / 16QAM

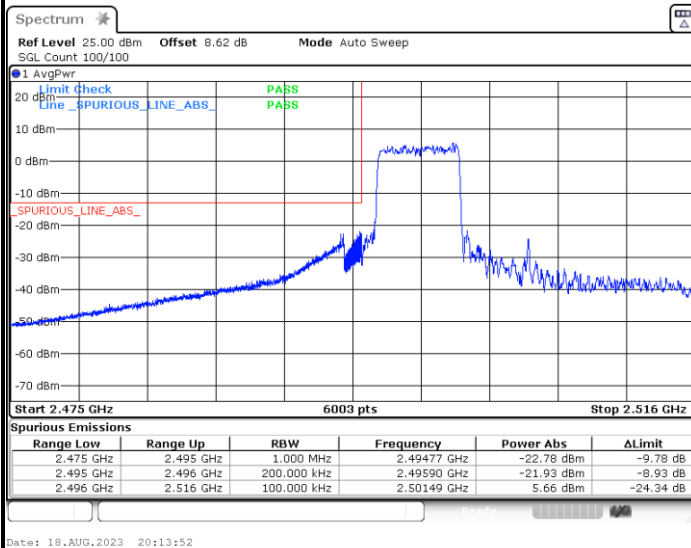
Lowest Band Edge / 1 RB



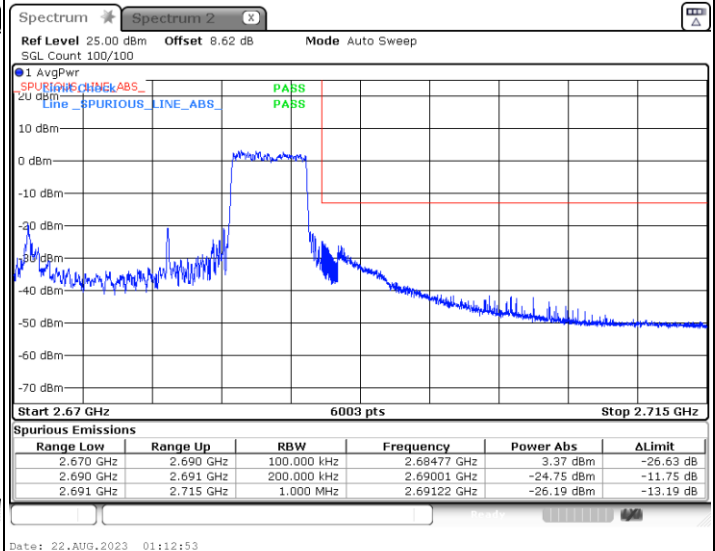
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

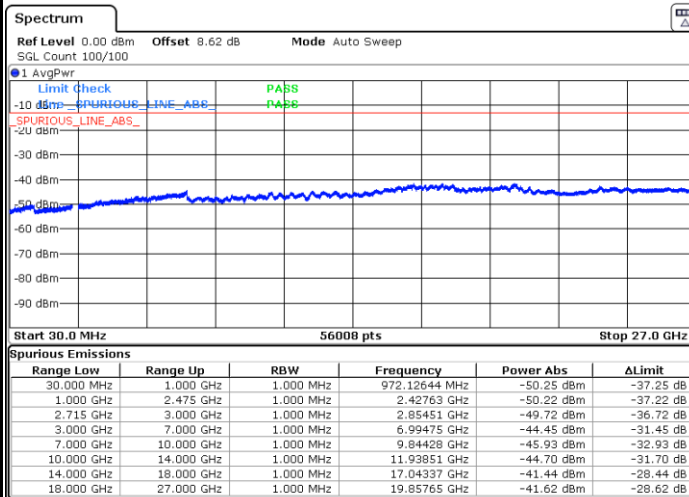




Conducted Spurious Emission

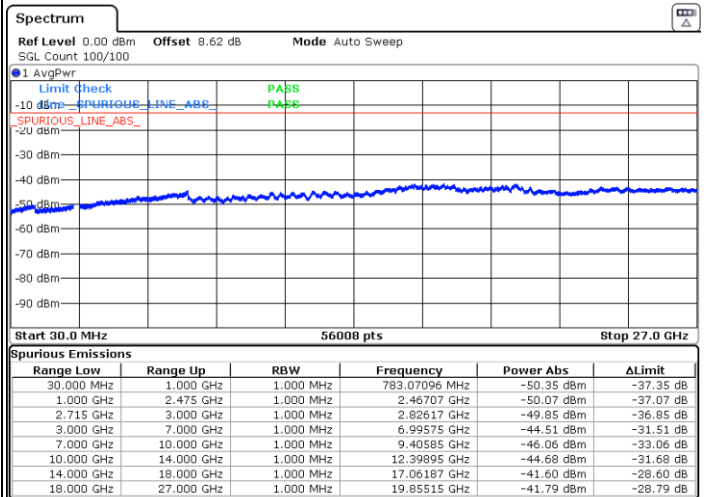
LTE Band 41 / 5MHz

Lowest Channel / QPSK



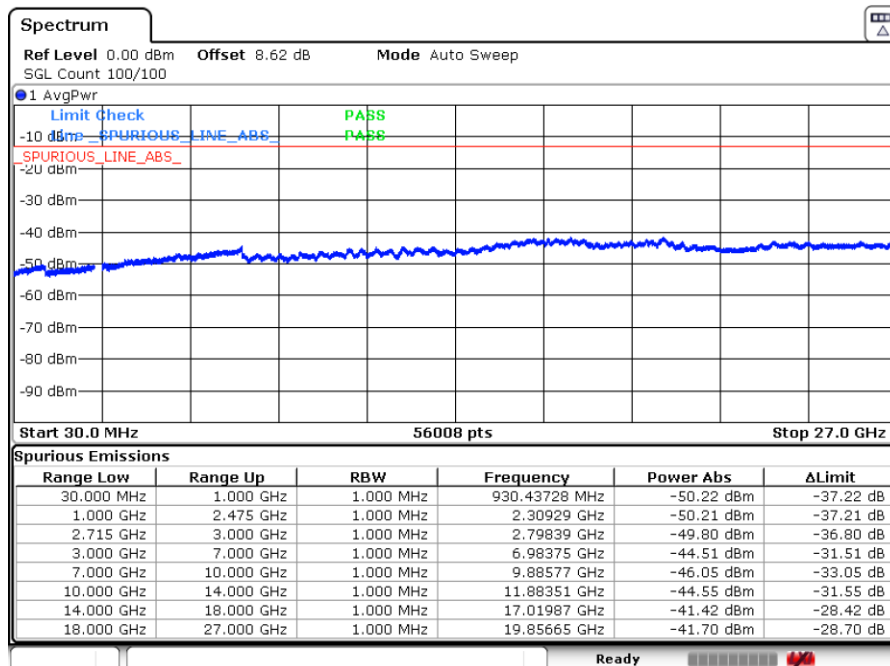
Date: 17.NOV.2023 00:08:57

Middle Channel / QPSK



Date: 17.NOV.2023 00:10:01

Highest Channel / QPSK



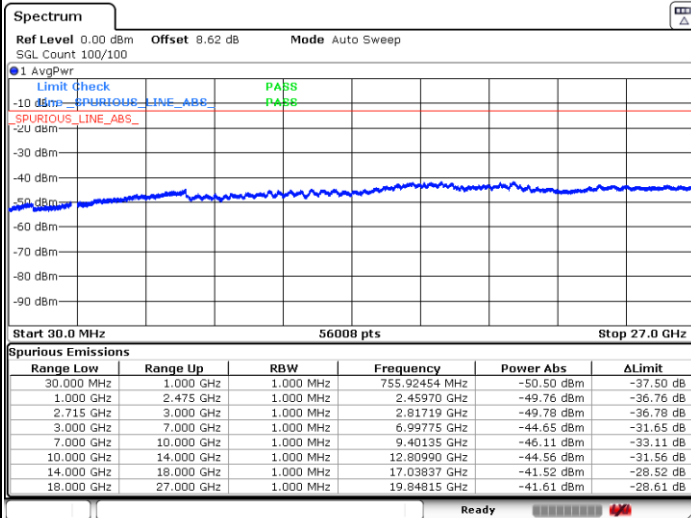
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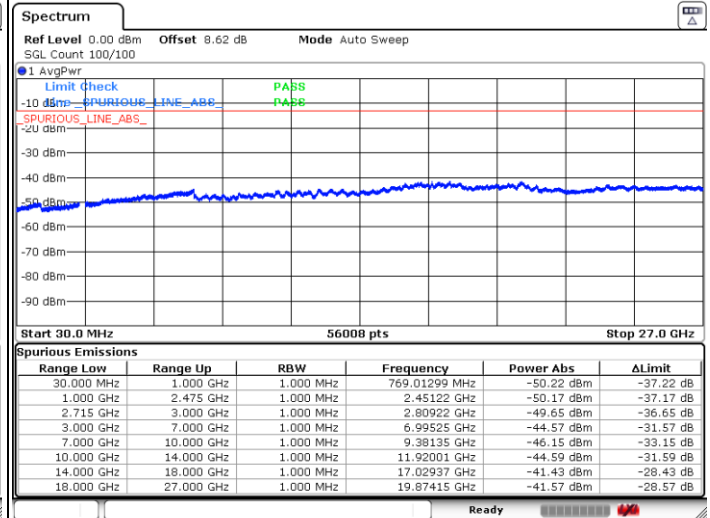
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

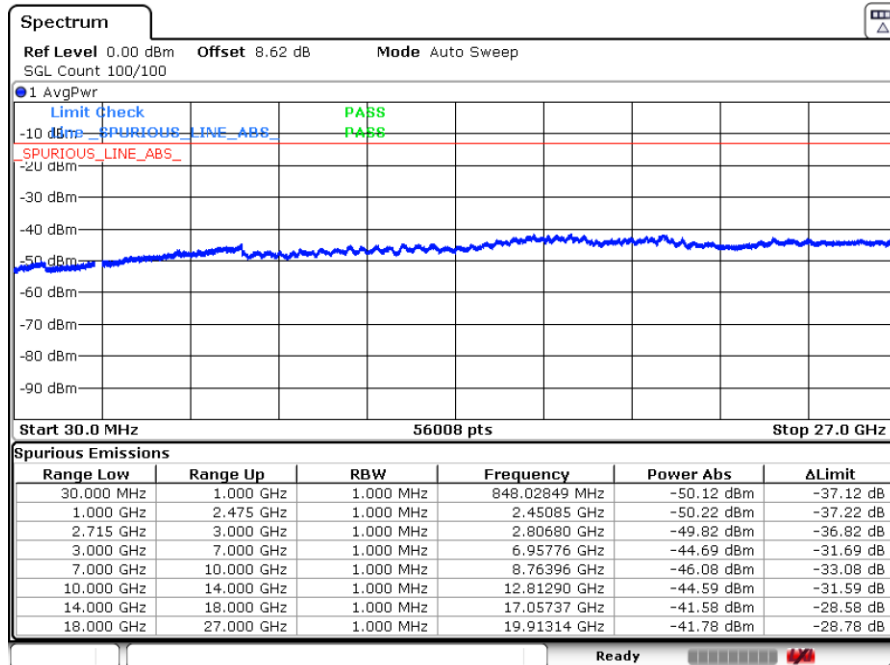


Date: 17.NOV.2023 00:12:49



Date: 17.NOV.2023 00:14:57

Highest Channel / QPSK

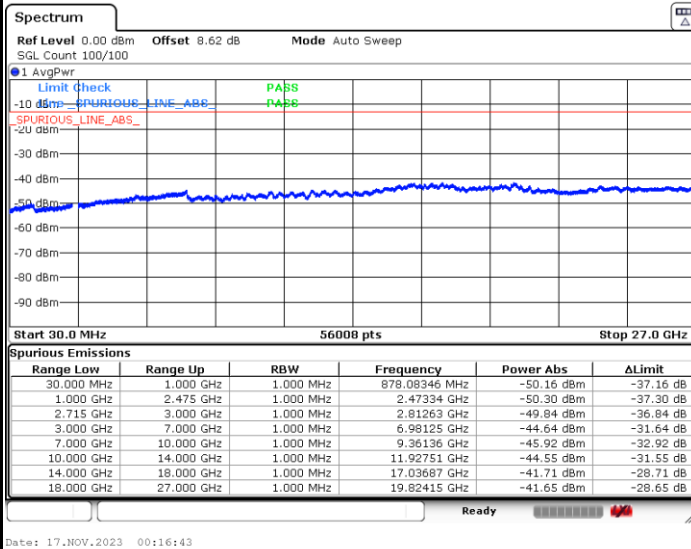


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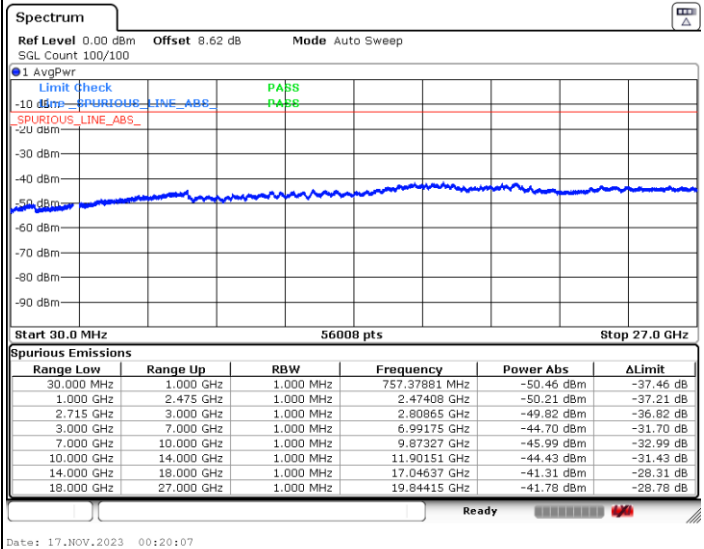


LTE Band 41 / 15MHz

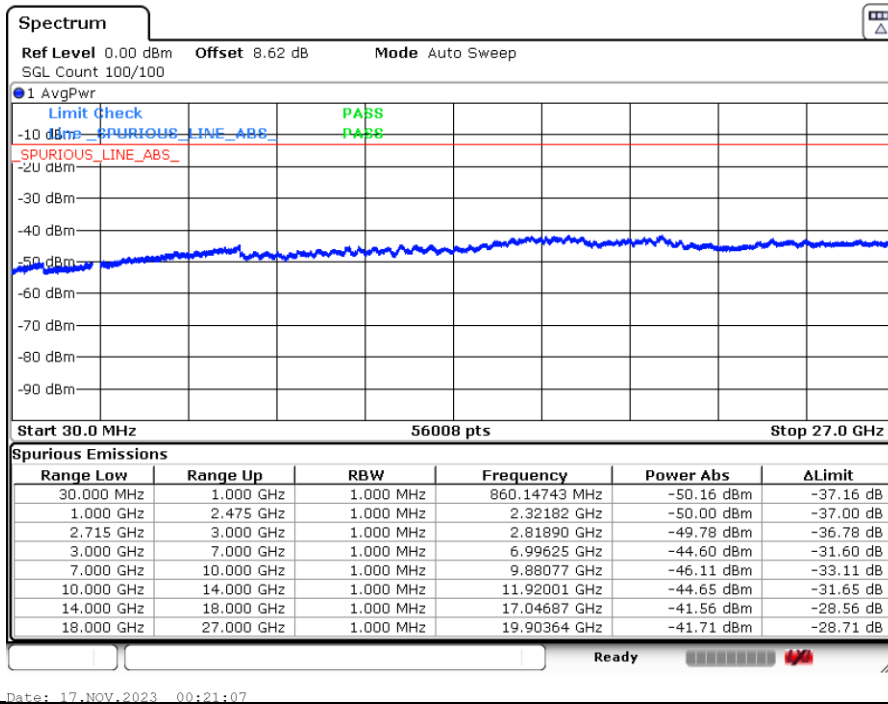
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

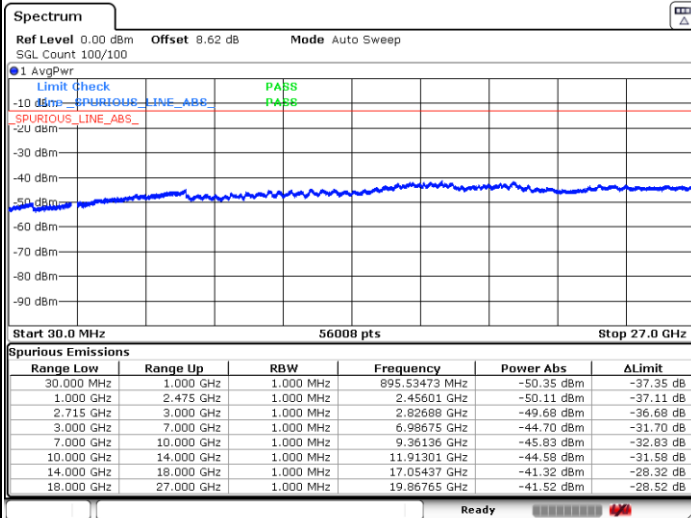




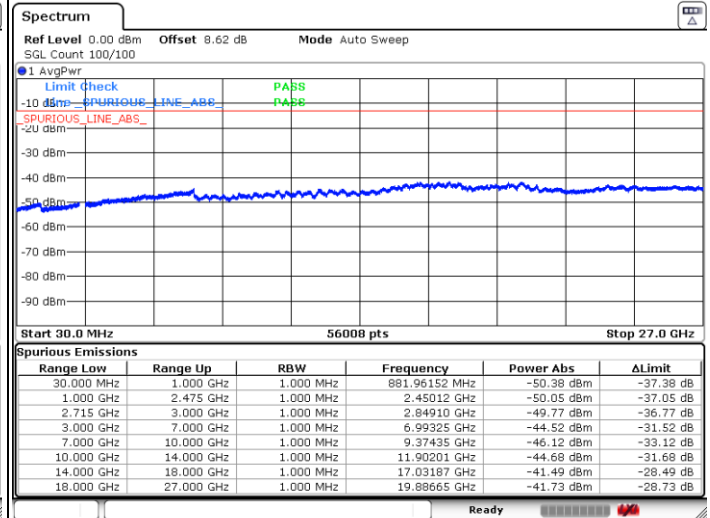
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

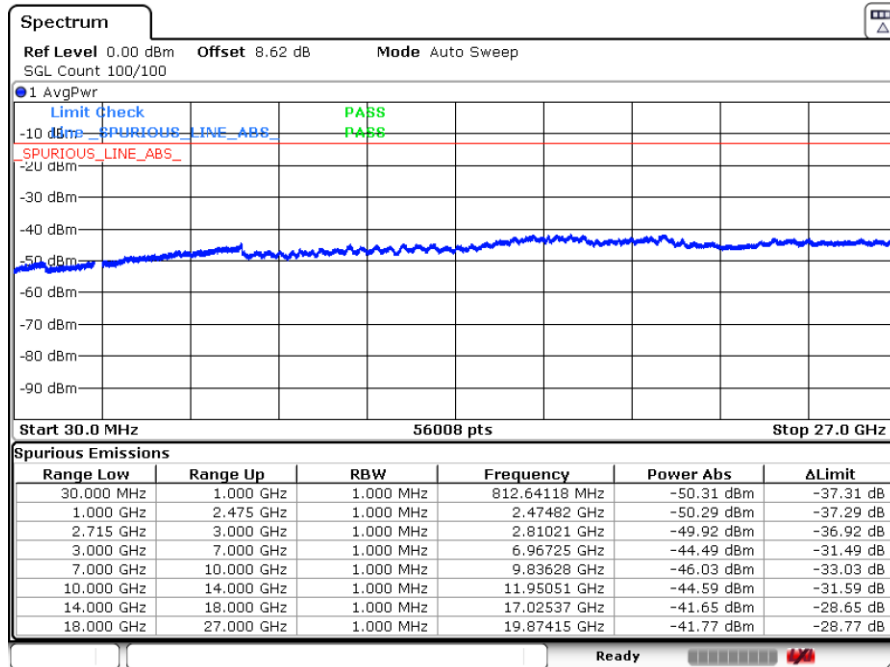


Date: 17.NOV.2023 00:22:45



Date: 17.NOV.2023 00:23:40

Highest Channel / QPSK



Date: 17.NOV.2023 00:24:43

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0006	
20	Minimum Voltage	0.0006	

Note:

1. Normal Voltage =3.8V. ; Minimum Voltage =3.5 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 :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 4 / 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	3420	-58.19	-13	-45.19	-68.93	2.604	13.34	H
	5130	-55.64	-13	-42.64	-66.15	3.011	13.52	H
	6840	-55.07	-13	-42.07	-65.27	3.271	13.47	H
	3420	-58.28	-13	-45.28	-69.02	2.604	13.34	V
	5130	-55.44	-13	-42.44	-65.95	3.011	13.52	V
	6840	-55.06	-13	-42.06	-65.26	3.271	13.47	V
Middle	3450	-58.07	-13	-45.07	-68.81	2.604	13.34	H
	5175	-54.76	-13	-41.76	-65.27	3.011	13.52	H
	6900	-54.61	-13	-41.61	-64.81	3.271	13.47	H
	3450	-58.23	-13	-45.23	-68.97	2.604	13.34	V
	5175	-55.51	-13	-42.51	-66.02	3.011	13.52	V
	6900	-54.78	-13	-41.78	-64.98	3.271	13.47	V
Highest	3465	-58.12	-13	-45.12	-68.86	2.604	13.34	H
	5205	-54.67	-13	-41.67	-65.18	3.011	13.52	H
	6945	-54.66	-13	-41.66	-64.86	3.271	13.47	H
	3465	-58.46	-13	-45.46	-69.20	2.604	13.34	V
	5205	-54.73	-13	-41.73	-65.24	3.011	13.52	V
	6945	-54.31	-13	-41.31	-64.51	3.271	13.47	V

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



LTE Band 7 / 20 MHz / 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	5008	-62.25	-13	-49.25	-72.46	3.03	13.24	H
	7500	-62.81	-13	-49.81	-72.26	3.56	13.01	H
	10006	-61.43	-13	-48.43	-70.95	3.92	13.44	H
	5008	-58.31	-13	-45.31	-68.52	3.03	13.24	V
	7500	-62.38	-13	-49.38	-71.83	3.56	13.01	V
	10006	-61.66	-13	-48.66	-71.18	3.92	13.44	V
Middle	5050	-62.87	-13	-49.87	-73.08	3.03	13.24	H
	7584	-62.37	-13	-49.37	-71.82	3.56	13.01	H
	10104	-61.66	-13	-48.66	-71.18	3.92	13.44	H
	5050	-60.86	-13	-47.86	-71.07	3.03	13.24	V
	7584	-62.18	-13	-49.18	-71.63	3.56	13.01	V
	10104	-61.88	-13	-48.88	-71.40	3.92	13.44	V
Highest	5106	-61.91	-13	-48.91	-72.12	3.03	13.24	H
	7654	-62.05	-13	-49.05	-71.50	3.56	13.01	H
	10202	-60.92	-13	-47.92	-70.44	3.92	13.44	H
	5106	-59.84	-13	-46.84	-70.05	3.03	13.24	V
	7654	-61.50	-13	-48.5	-70.95	3.56	13.01	V
	10202	-61.28	-13	-48.28	-70.80	3.92	13.44	V

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

LTE Band 25 / 20 MHz / 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	3705	-49.19	-13	-36.19	-61.45	2.64	14.90	H
	5550	-54.57	-13	-41.57	-66.43	2.94	14.80	H
	7410	-53.15	-13	-40.15	-62.92	3.39	13.16	H
	3705	-46.45	-13	-33.45	-58.71	2.64	14.90	V
	5550	-54.19	-13	-41.19	-66.05	2.94	14.80	V
	7410	-51.65	-13	-38.65	-61.42	3.39	13.16	V
Middle	3735	-48.13	-13	-35.13	-60.39	2.64	14.90	H
	5610	-52.59	-13	-39.59	-64.45	2.94	14.80	H
	7485	-52.62	-13	-39.62	-62.39	3.39	13.16	H
	3735	-44.92	-13	-31.92	-57.18	2.64	14.90	V
	5610	-50.07	-13	-37.07	-61.93	2.94	14.80	V
	7485	-52.19	-13	-39.19	-61.96	3.39	13.16	V
Highest	3795	-57.70	-13	-44.70	-69.96	2.64	14.90	H
	5685	-55.96	-13	-42.96	-67.82	2.94	14.80	H
	7590	-52.76	-13	-39.76	-62.53	3.39	13.16	H
	3795	-57.48	-13	-44.48	-69.74	2.64	14.90	V
	5685	-56.41	-13	-43.41	-68.27	2.94	14.80	V
	7590	-52.87	-13	-39.87	-62.64	3.39	13.16	V

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



LTE Band 26 / 15MHz / 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	1648	-63.32	-13	-50.32	-70.29	1.58	10.70	H
	2472	-59.01	-13	-46.01	-67.26	2.102	12.50	H
	3296	-58.92	-13	-45.92	-67.81	2.856	13.90	H
	1648	-62.37	-13	-49.37	-69.34	1.58	10.70	V
	2472	-56.82	-13	-43.82	-65.07	2.10	12.50	V
	3296	-58.96	-13	-45.96	-67.85	2.86	13.90	V
Middle	1656	-63.04	-13	-50.04	-70.01	1.58	10.70	H
	2488	-58.91	-13	-45.91	-67.16	2.102	12.50	H
	3320	-59.00	-13	-46.00	-67.89	2.856	13.90	H
	1656	-62.24	-13	-49.24	-69.21	1.58	10.70	V
	2488	-56.66	-13	-43.66	-64.91	2.10	12.50	V
	3320	-59.24	-13	-46.24	-68.13	2.86	13.90	V
Highest	1672	-62.44	-13	-49.44	-69.41	1.58	10.70	H
	2504	-58.56	-13	-45.56	-66.81	2.102	12.50	H
	3336	-59.81	-13	-46.81	-68.70	2.856	13.90	H
	1672	-61.37	-13	-48.37	-68.34	1.58	10.70	V
	2504	-57.35	-13	-44.35	-65.60	2.10	12.50	V
	3336	-59.65	-13	-46.65	-68.54	2.86	13.90	V

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



LTE Band 41 / 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	4994	-39.39	-13	-26.39	-49.60	3.03	13.24	H
	7486	-60.01	-13	-47.01	-69.46	3.56	13.01	H
	9992	-60.29	-13	-47.29	-69.81	3.92	13.44	H
	12484	-58.28	-13	-45.28	-67.32	4.39	13.43	H
	4994	-39.42	-13	-26.42	-49.63	3.03	13.24	V
	7486	-51.16	-13	-38.16	-60.61	3.56	13.01	V
	9992	-53.78	-13	-40.78	-63.30	3.92	13.44	V
	12484	-54.77	-13	-41.77	-63.81	4.39	13.43	V
Middle	5162	-45.96	-13	-32.96	-56.17	3.03	13.24	H
	7752	-57.08	-13	-44.08	-66.53	3.56	13.01	H
	10342	-61.13	-13	-48.13	-70.65	3.92	13.44	H
	12918	-58.49	-13	-45.49	-67.53	4.39	13.43	H
	5162	-44.84	-13	-31.84	-55.05	3.03	13.24	V
	7752	-49.22	-13	-36.22	-58.67	3.56	13.01	V
	10342	-53.14	-13	-40.14	-62.66	3.92	13.44	V
	12918	-55.22	-13	-42.22	-64.26	4.39	13.43	V
Highest	5344	-55.39	-13	-42.39	-65.60	3.03	13.24	H
	8018	-54.02	-13	-41.02	-63.47	3.56	13.01	H
	10678	-59.11	-13	-46.11	-68.63	3.92	13.44	H
	13352	-58.55	-13	-45.55	-67.59	4.39	13.43	H
	5344	-48.03	-13	-35.03	-58.24	3.03	13.24	V
	8018	-46.24	-13	-33.24	-55.69	3.56	13.01	V
	10678	-52.29	-13	-39.29	-61.81	3.92	13.44	V
	13352	-50.55	-13	-37.55	-59.59	4.39	13.43	V

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