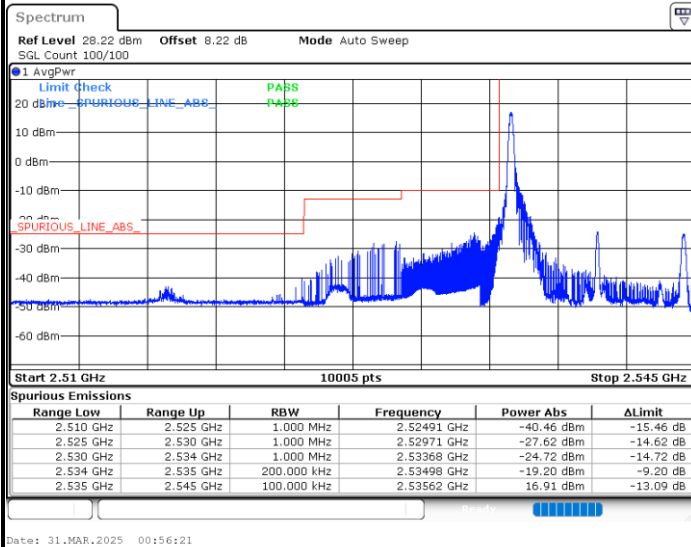


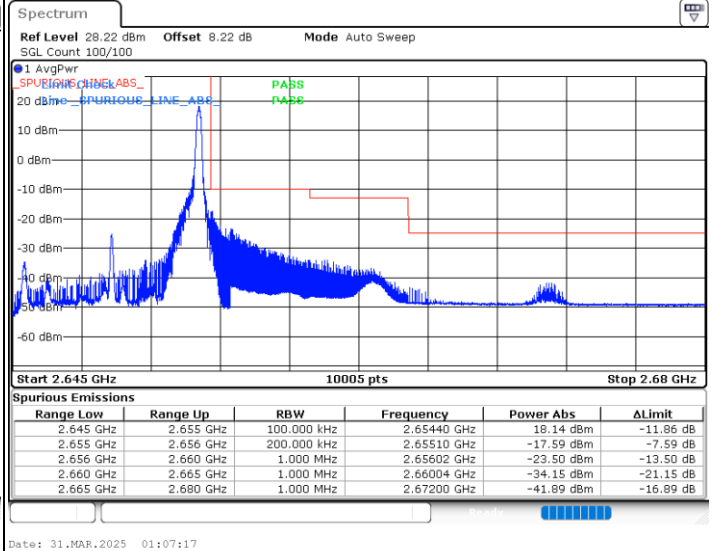


LTE Band 41 / 10MHz / 16QAM

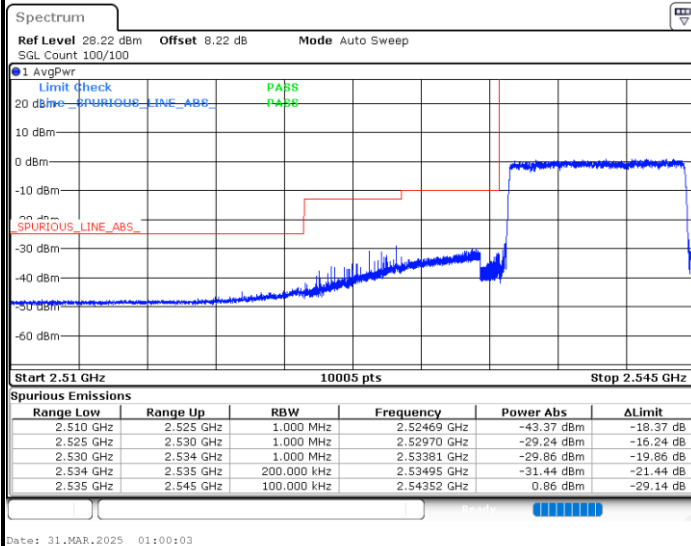
Lowest Band Edge / 1 RB



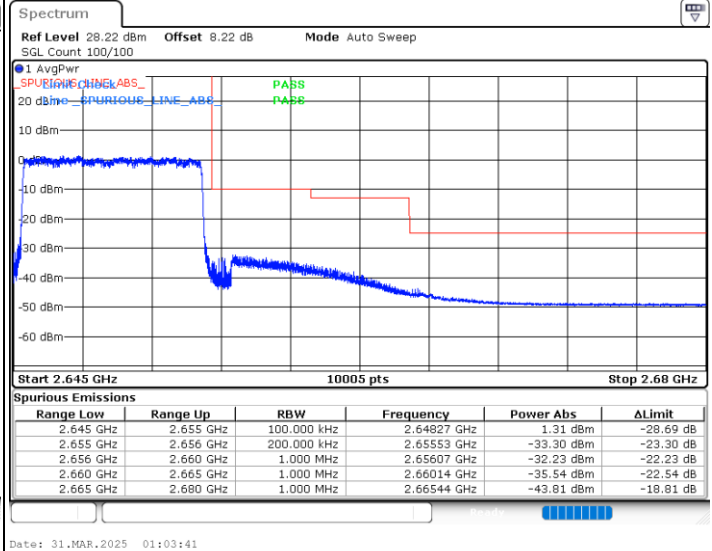
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



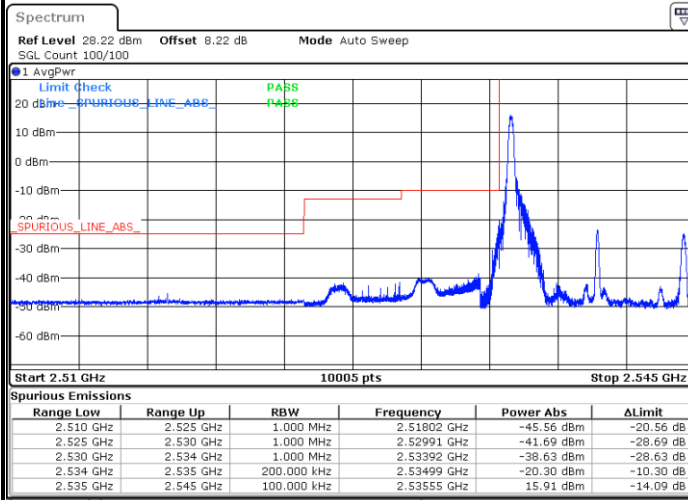
Highest Band Edge / Full RB



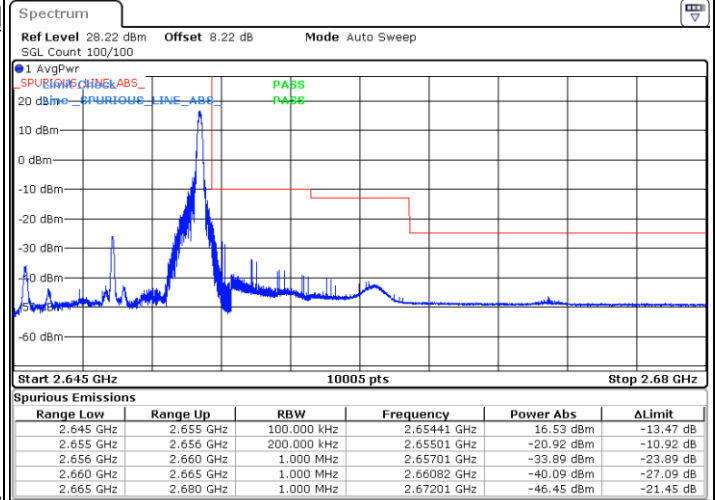


LTE Band 41 / 10MHz / 64QAM

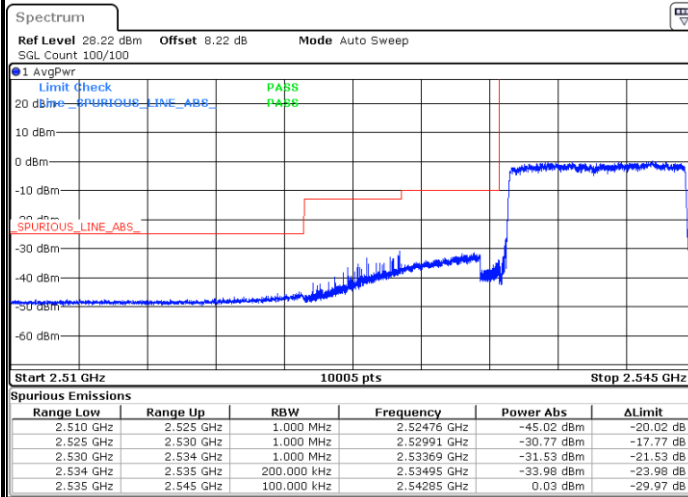
Lowest Band Edge / 1 RB



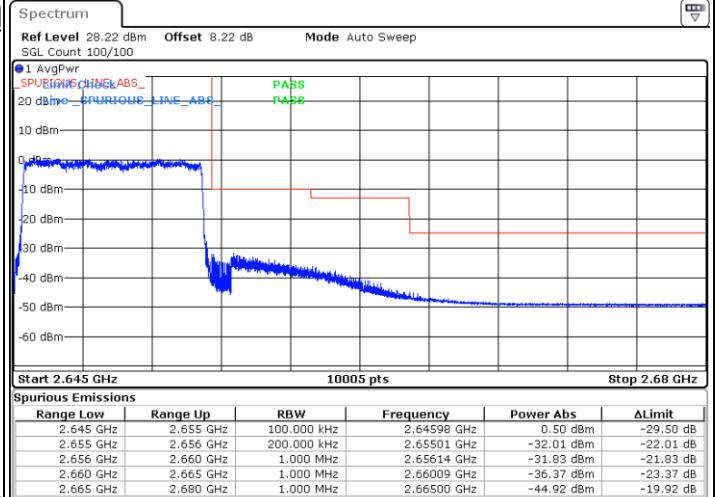
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



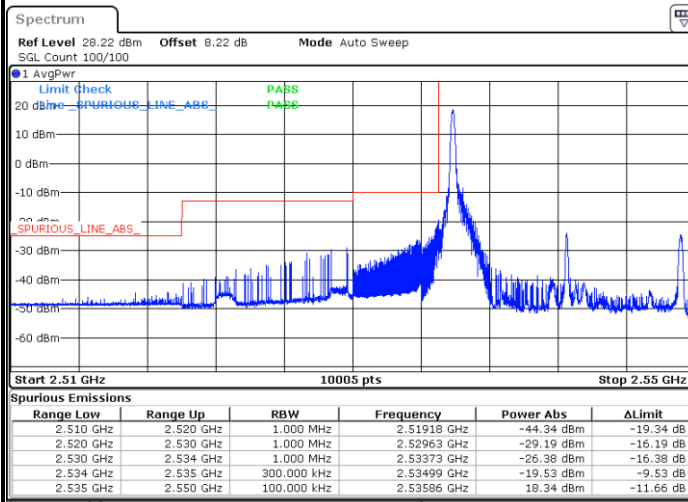
Highest Band Edge / Full RB



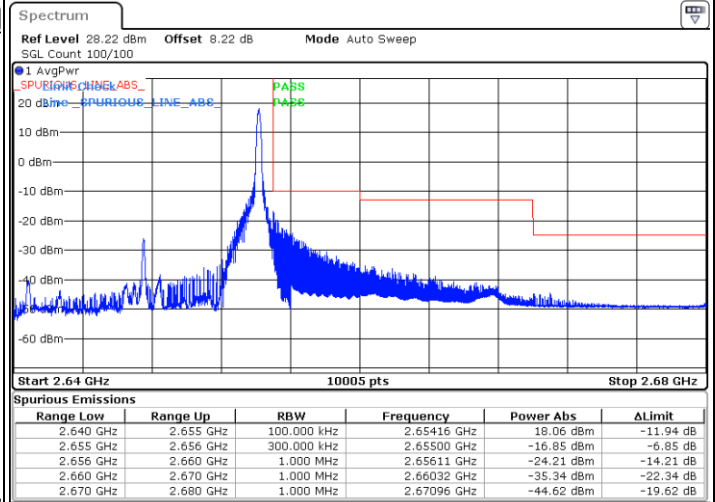


LTE Band 41 / 15MHz / QPSK

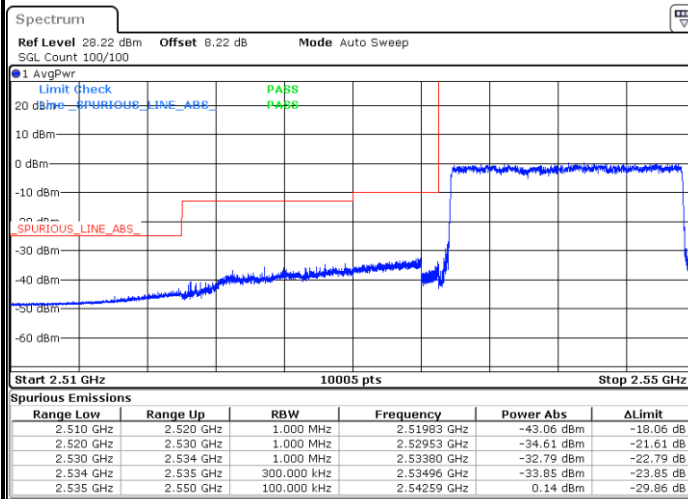
Lowest Band Edge / 1 RB



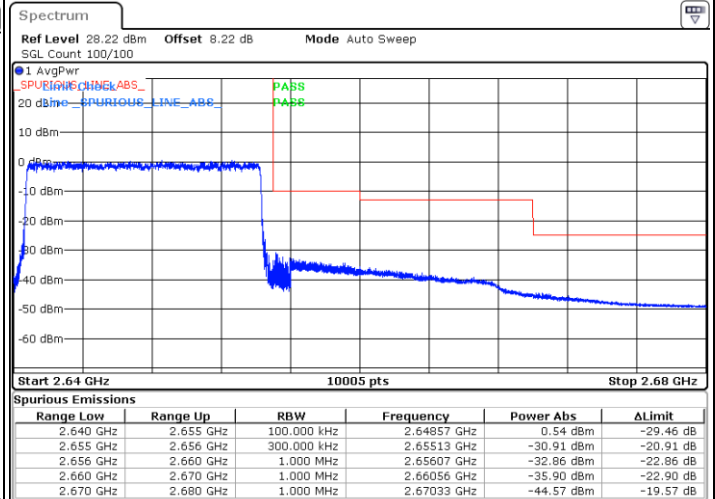
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



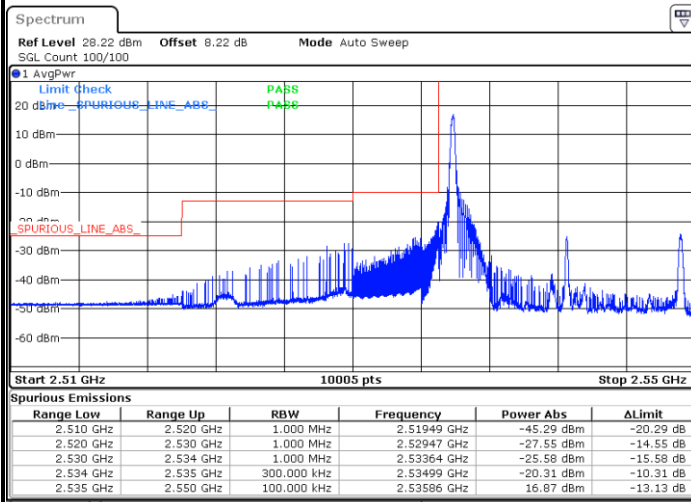
Highest Band Edge / Full RB



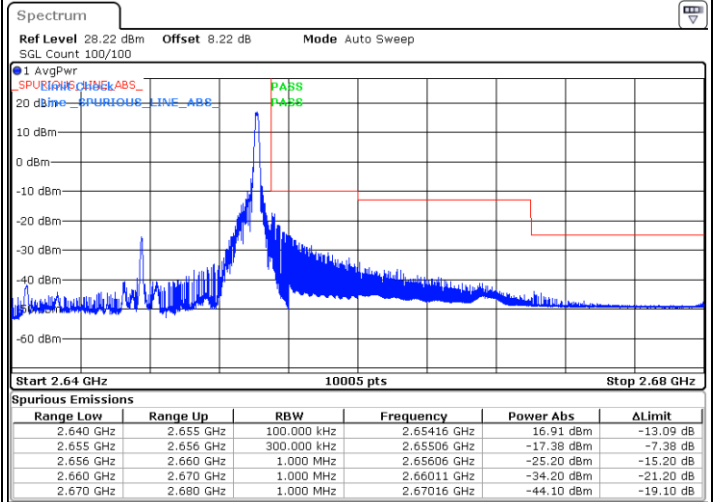


LTE Band 41 / 15MHz / 16QAM

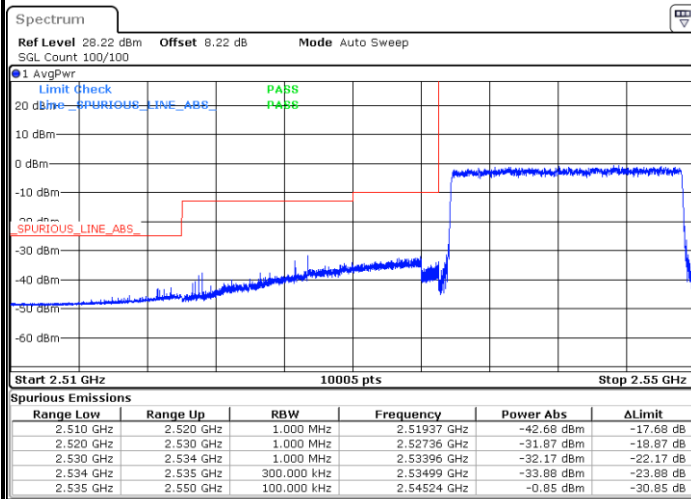
Lowest Band Edge / 1 RB



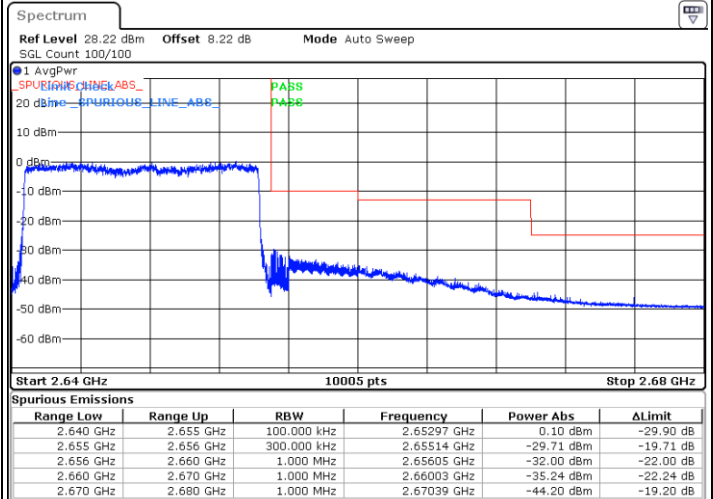
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



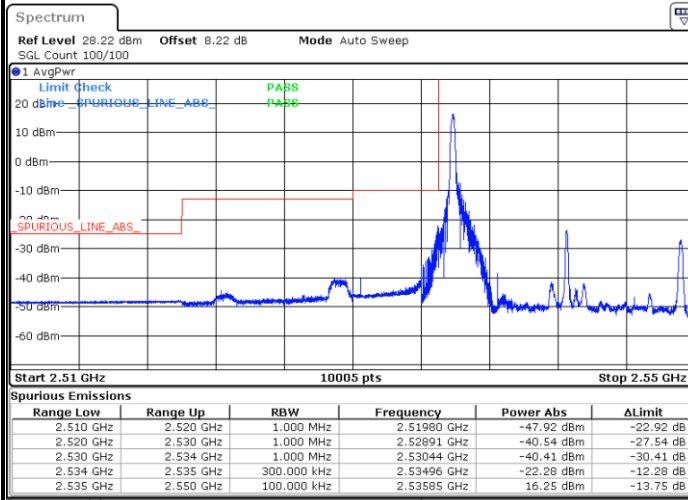
Highest Band Edge / Full RB



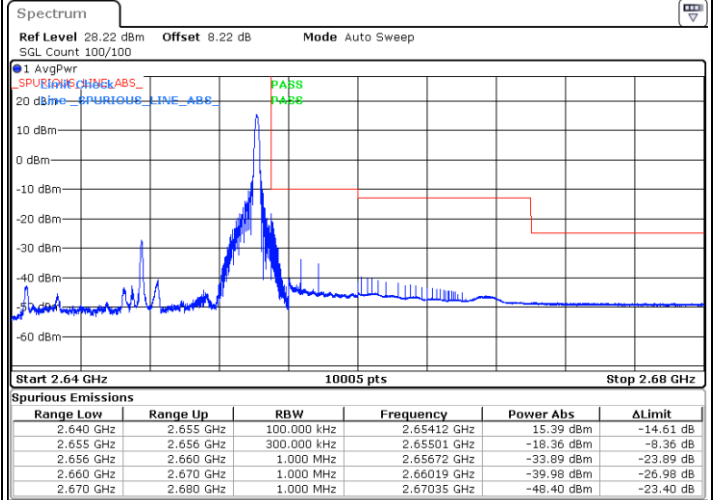


LTE Band 41 / 15MHz / 64QAM

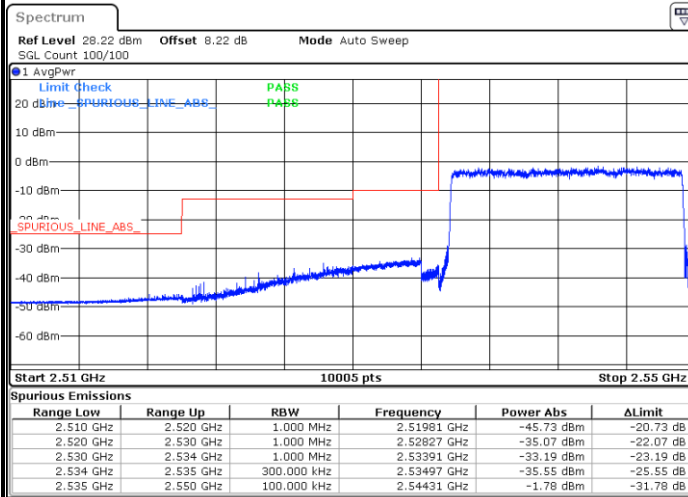
Lowest Band Edge / 1 RB



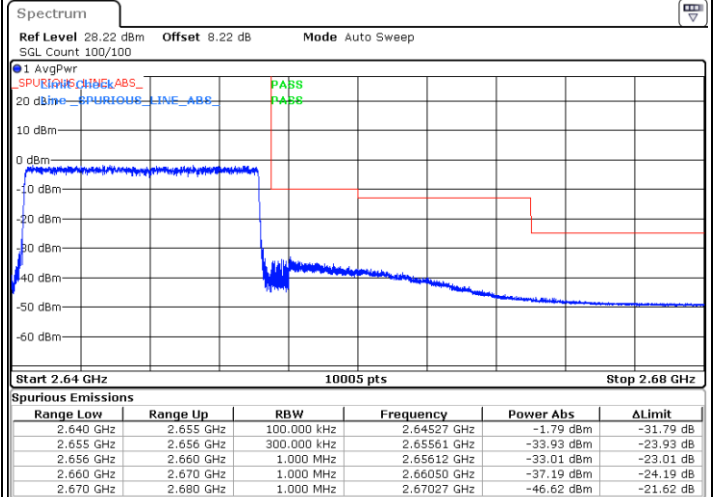
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



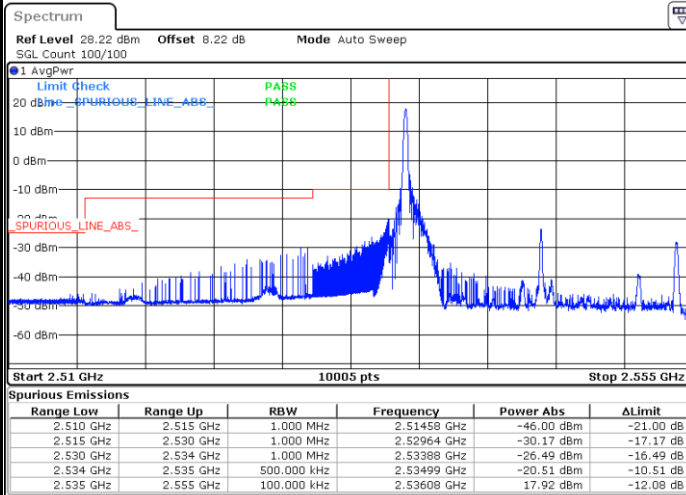
Highest Band Edge / Full RB



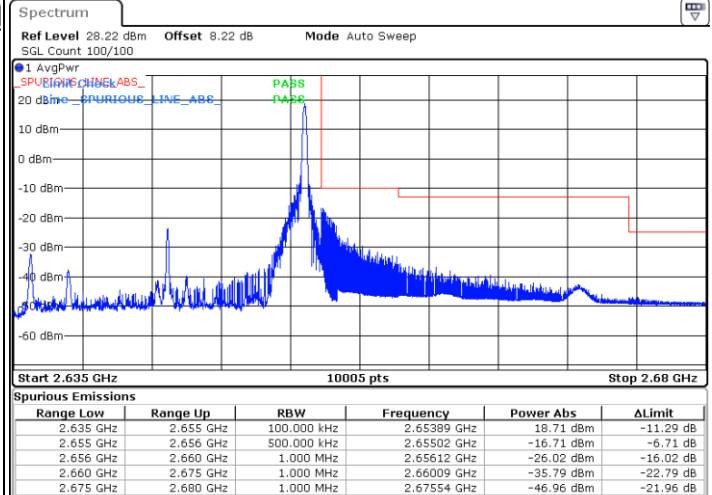


LTE Band 41 / 20MHz / QPSK

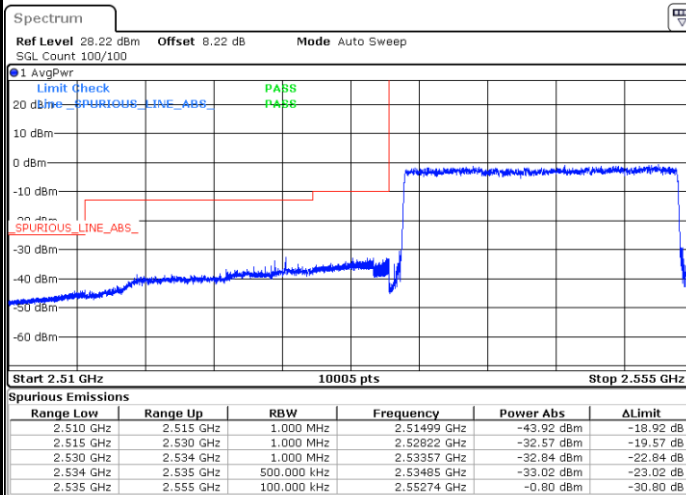
Lowest Band Edge / 1 RB



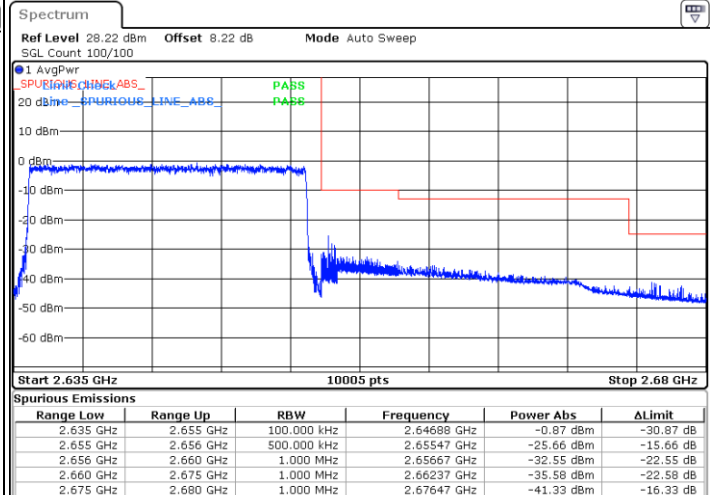
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



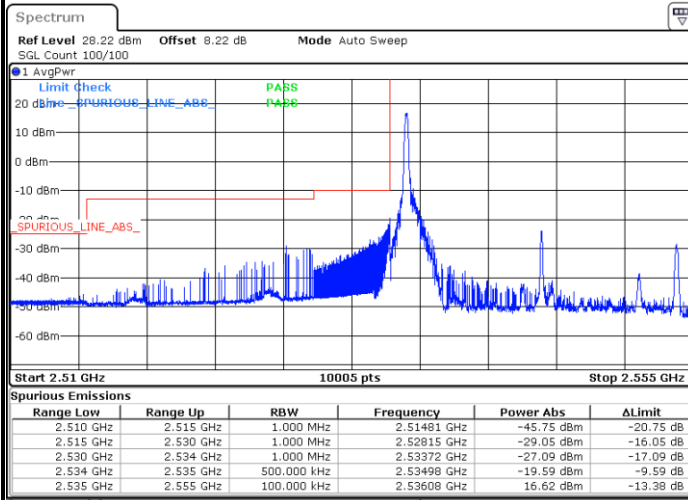
Highest Band Edge / Full RB



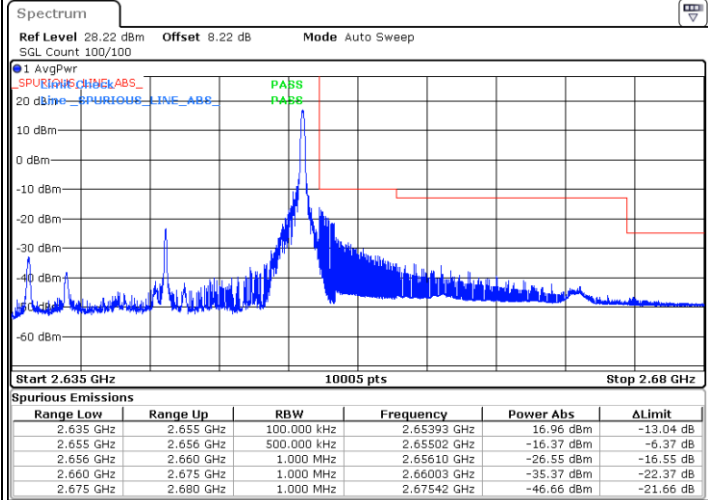


LTE Band 41 / 20MHz / 16QAM

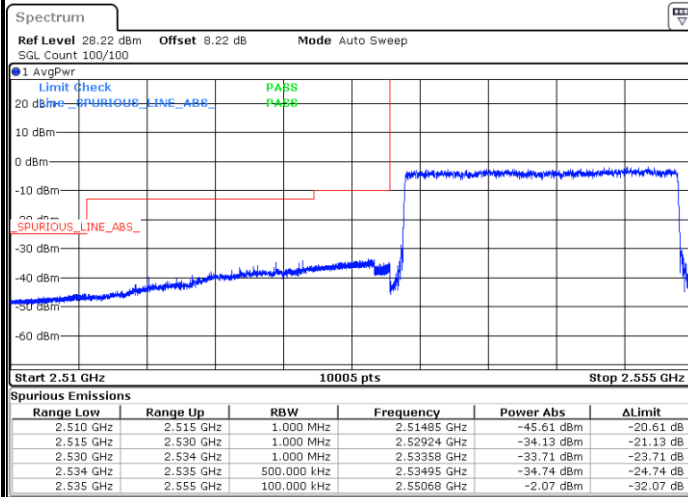
Lowest Band Edge / 1 RB



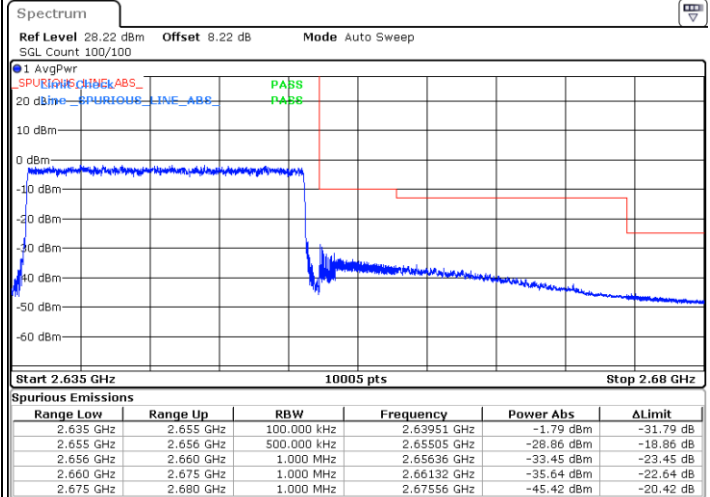
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



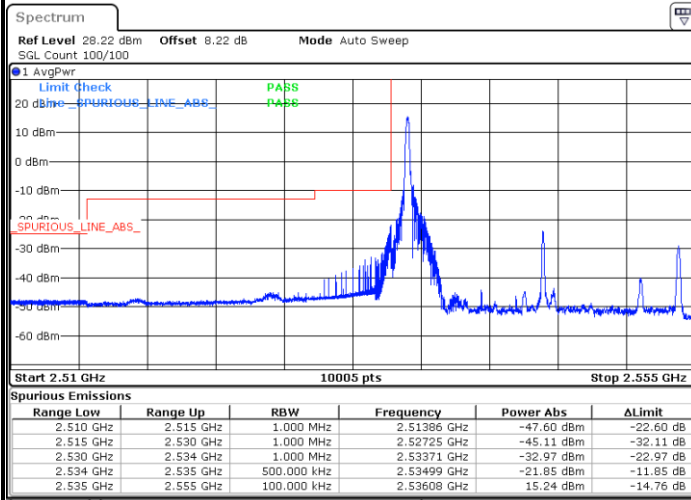
Highest Band Edge / Full RB



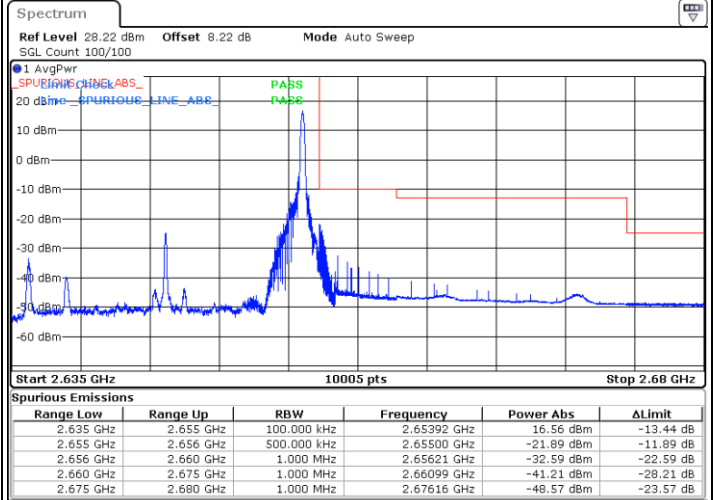


LTE Band 41 / 20MHz / 64QAM

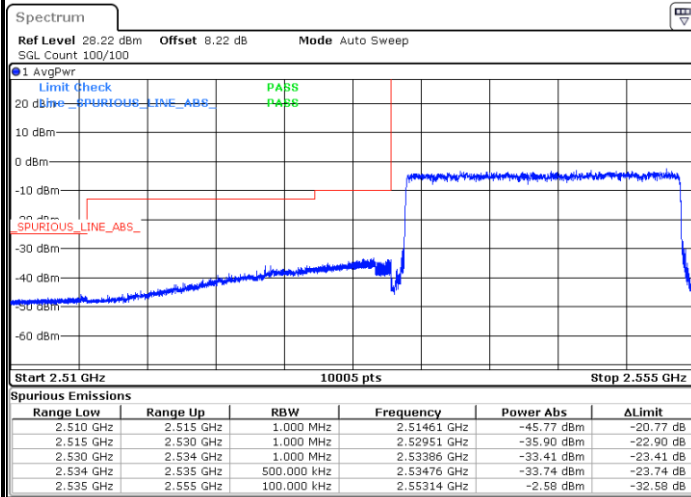
Lowest Band Edge / 1 RB



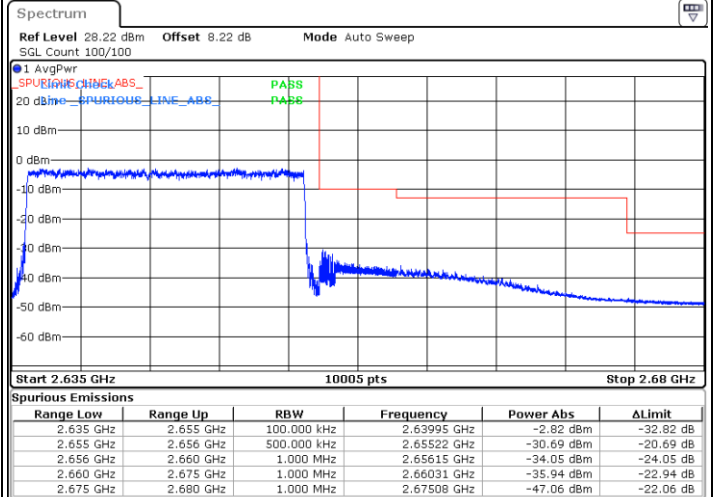
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

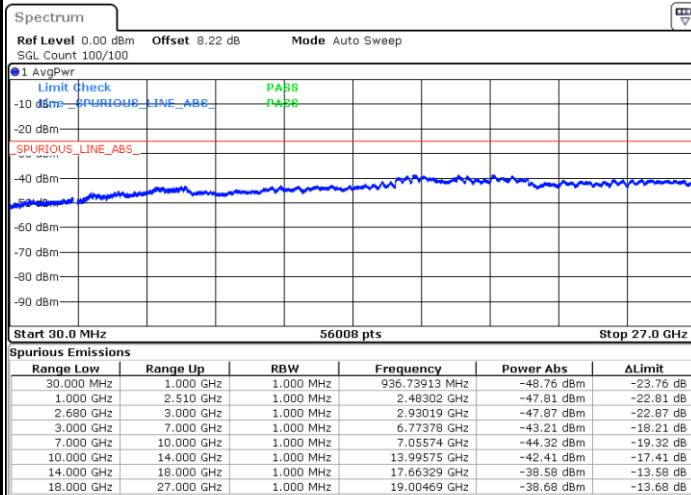




Conducted Spurious Emission

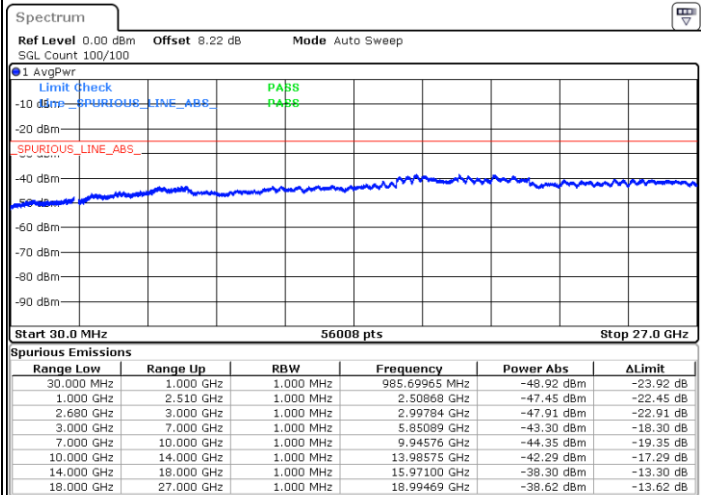
LTE Band 41 / 5MHz

Lowest Channel / QPSK



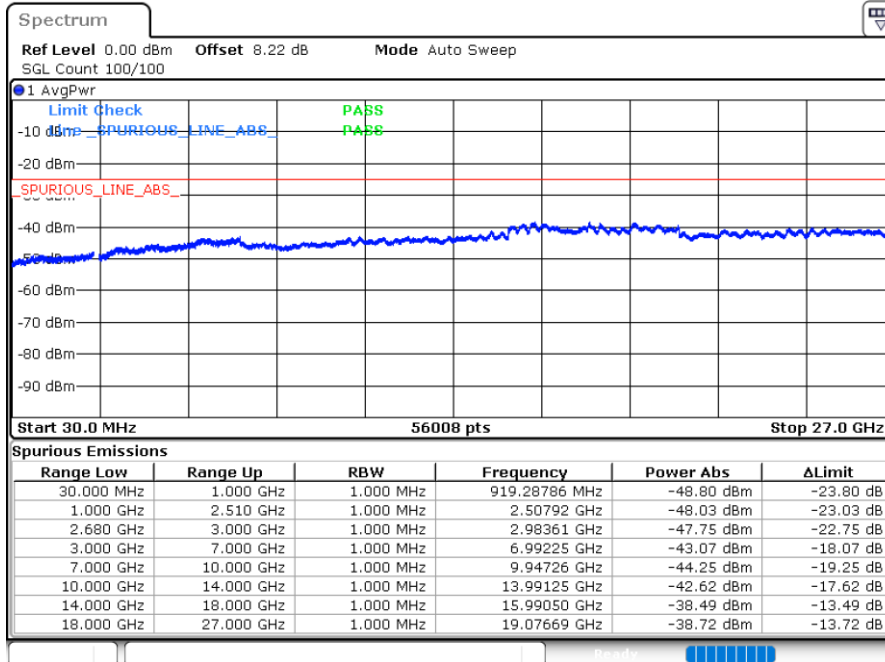
Date: 31.MAR.2025 02:20:13

Middle Channel / QPSK



Date: 31.MAR.2025 02:21:45

Highest Channel / QPSK

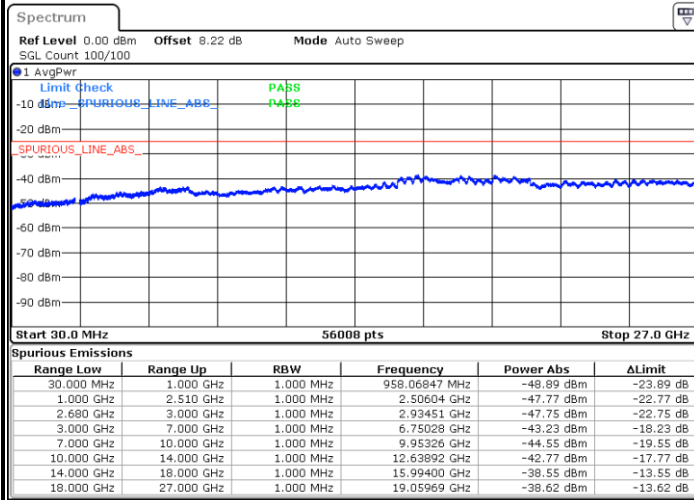


Date: 31.MAR.2025 02:23:16



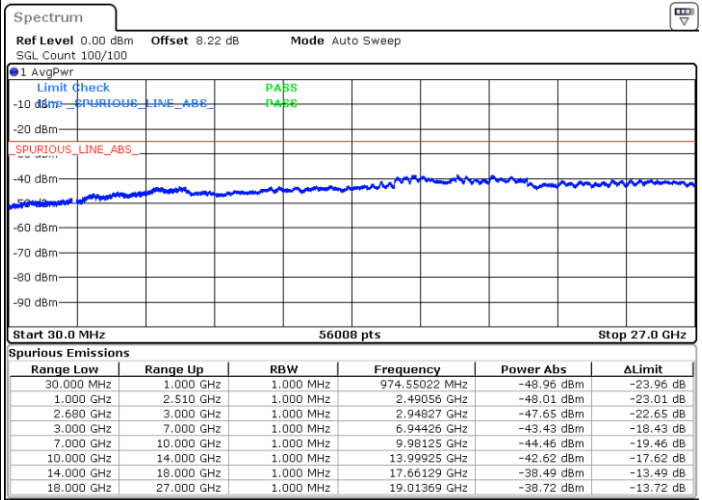
LTE Band 41 / 10MHz

Lowest Channel / QPSK



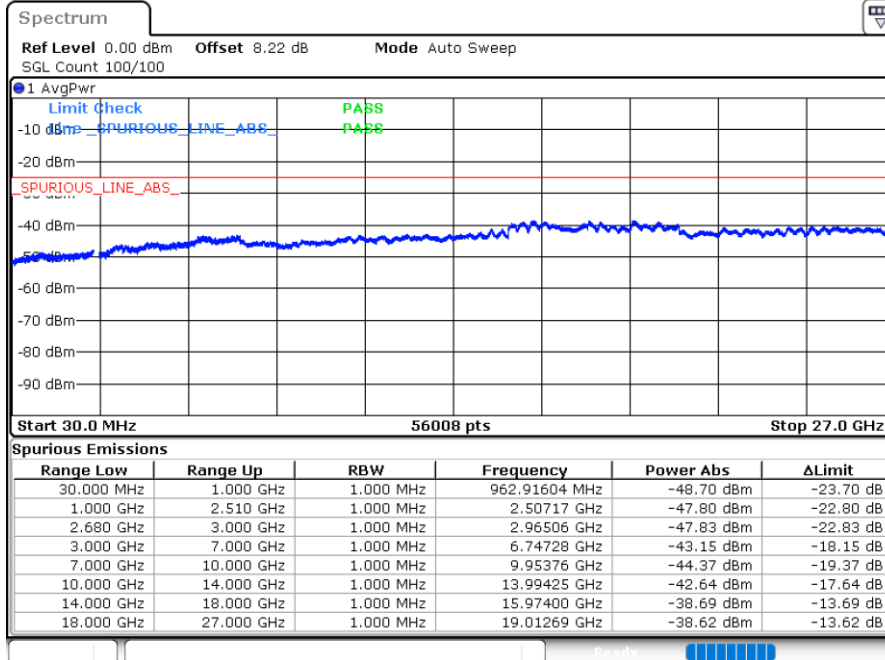
Date: 31.MAR.2025 02:25:31

Middle Channel / QPSK



Date: 31.MAR.2025 02:27:03

Highest Channel / QPSK

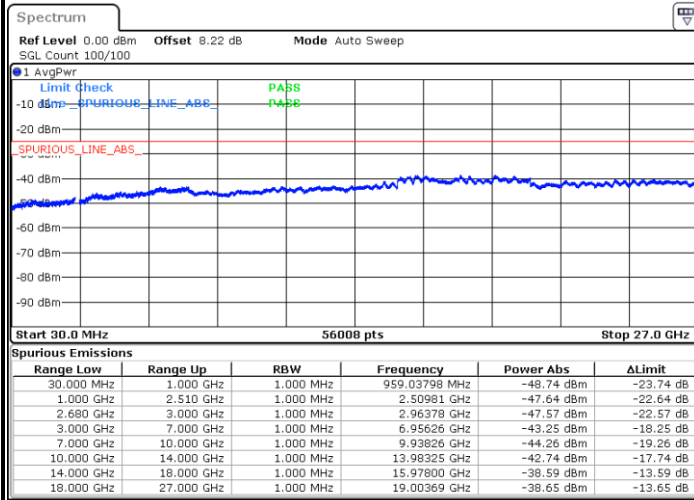


Date: 31.MAR.2025 02:28:34



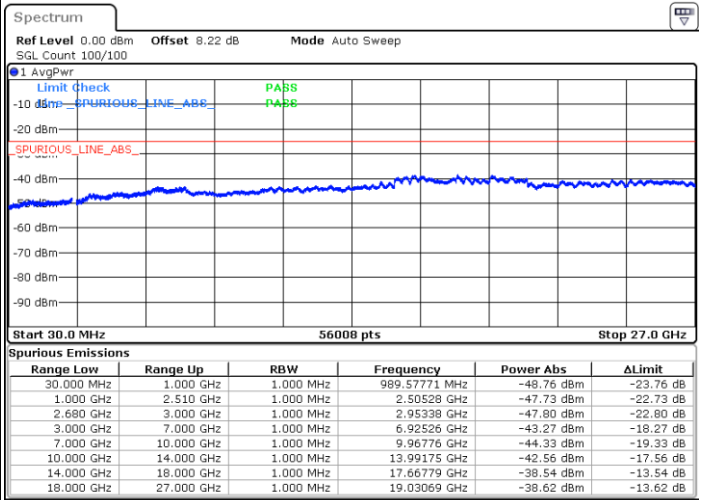
LTE Band 41 / 15MHz

Lowest Channel / QPSK



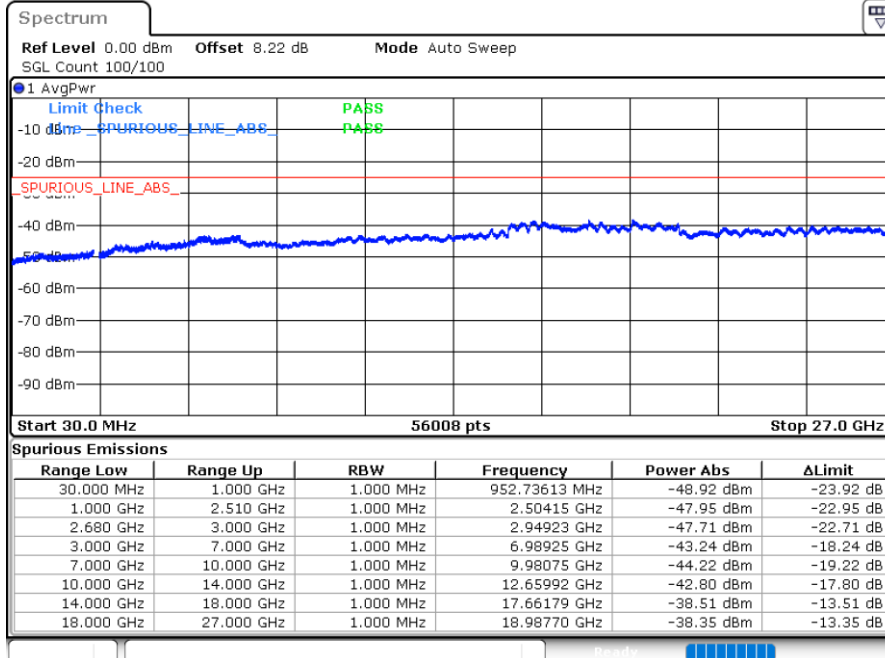
Date: 31.MAR.2025 02:30:49

Middle Channel / QPSK



Date: 31.MAR.2025 02:32:19

Highest Channel / QPSK

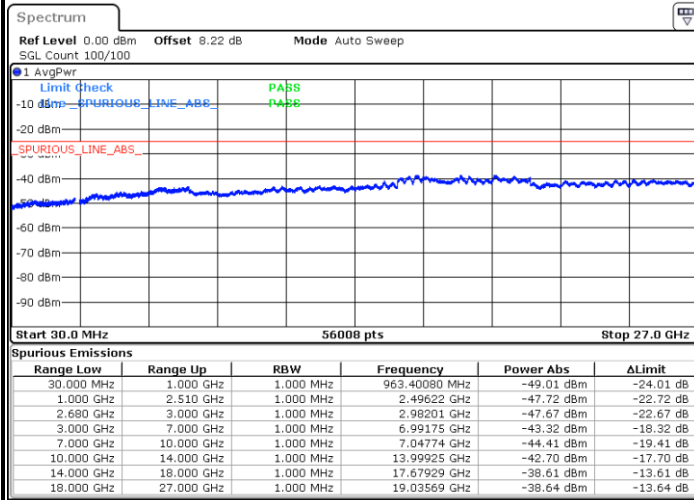


Date: 31.MAR.2025 02:33:50



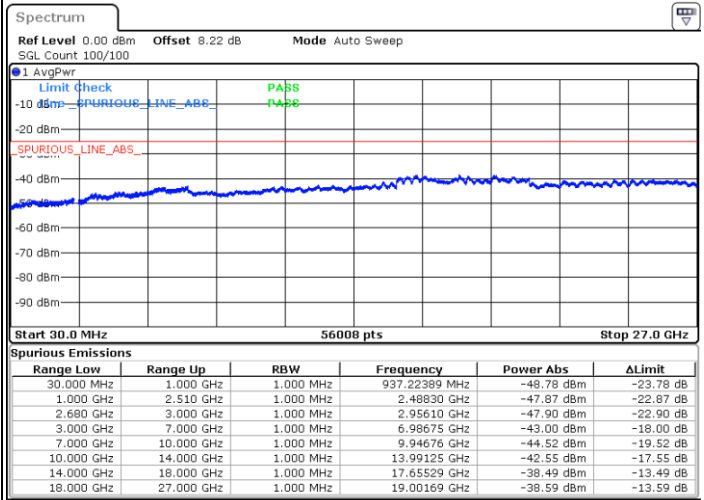
LTE Band 41 / 20MHz

Lowest Channel / QPSK



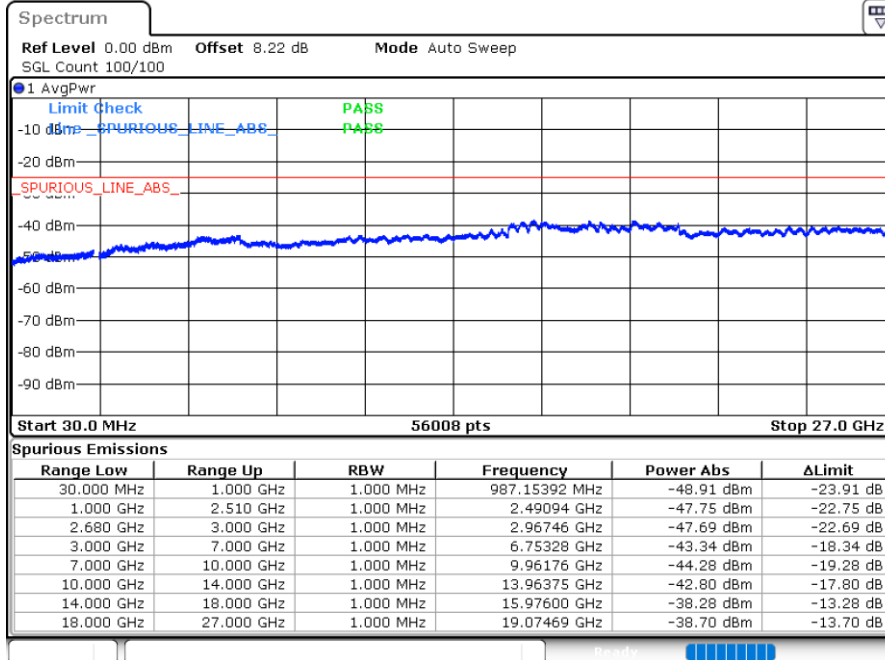
Date: 31.MAR.2025 02:36:05

Middle Channel / QPSK



Date: 31.MAR.2025 02:37:36

Highest Channel / QPSK



Date: 31.MAR.2025 02:39:07

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	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 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 :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 7 / 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	5008	-59.47	-25	-34.47	-69.68	3.03	13.24	H
	7500	-60.23	-25	-35.23	-69.68	3.56	13.01	H
	10006	-59.98	-25	-34.98	-69.50	3.92	13.44	H
	12512	-57.48	-25	-32.48	-67.00	3.92	13.44	H
	15004	-56.39	-25	-31.39	-65.91	3.92	13.44	H
	5008	-59.18	-25	-34.18	-69.39	3.03	13.24	V
	7500	-60.13	-25	-35.13	-69.58	3.56	13.01	V
	10006	-60.28	-25	-35.28	-69.80	3.92	13.44	V
	12512	-58.19	-25	-33.19	-67.71	3.92	13.44	V
	15004	-51.91	-25	-26.91	-61.43	3.92	13.44	V
Middle	5050	-59.13	-25	-34.13	-69.34	3.03	13.24	H
	7584	-59.81	-25	-34.81	-69.26	3.56	13.01	H
	10104	-60.15	-25	-35.15	-69.67	3.92	13.44	H
	12624	-58.34	-25	-33.34	-67.86	3.92	13.44	H
	15158	-55.63	-25	-30.63	-65.15	3.92	13.44	H
	5050	-58.61	-25	-33.61	-68.82	3.03	13.24	V
	7584	-60.24	-25	-35.24	-69.69	3.56	13.01	V
	10104	-60.51	-25	-35.51	-70.03	3.92	13.44	V
	12624	-58.41	-25	-33.41	-67.93	3.92	13.44	V
	15158	-50.09	-25	-25.09	-59.61	3.92	13.44	V
Highest	5106	-59.45	-25	-34.45	-69.66	3.03	13.24	H
	7654	-59.82	-25	-34.82	-69.27	3.56	13.01	H
	10202	-58.90	-25	-33.90	-68.42	3.92	13.44	H
	5106	-58.05	-25	-33.05	-68.26	3.03	13.24	V
	7654	-60.13	-25	-35.13	-69.58	3.56	13.01	V
	10202	-59.41	-25	-34.41	-68.93	3.92	13.44	V

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



LTE Band 12 / 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	1400	-65.85	-13	-52.85	-72.82	1.58	10.70	H
	2096	-59.82	-13	-46.82	-68.07	2.102	12.50	H
	2800	-57.10	-13	-44.10	-65.99	2.856	13.90	H
	3496	-48.11	-13	-35.11	-57.00	2.856	13.90	H
	1400	-65.35	-13	-52.35	-72.32	1.58	10.70	V
	2096	-56.74	-13	-43.74	-64.99	2.10	12.50	V
	2800	-54.80	-13	-41.80	-63.69	2.86	13.90	V
	3496	-50.28	-13	-37.28	-59.17	2.86	13.90	V
Middle	1408	-65.95	-13	-52.95	-72.92	1.58	10.70	H
	2112	-60.46	-13	-47.46	-68.71	2.102	12.50	H
	2808	-55.62	-13	-42.62	-64.51	2.856	13.90	H
	3512	-50.06	-13	-37.06	-58.95	2.856	13.90	H
	1408	-65.62	-13	-52.62	-72.59	1.58	10.70	V
	2112	-59.41	-13	-46.41	-67.66	2.10	12.50	V
	2808	-55.07	-13	-42.07	-63.96	2.86	13.90	V
	3512	-54.28	-13	-41.28	-63.17	2.86	13.90	V
Highest	1416	-64.78	-13	-51.78	-71.75	1.58	10.70	H
	2120	-59.24	-13	-46.24	-67.49	2.102	12.50	H
	2824	-53.43	-13	-40.43	-62.32	2.856	13.90	H
	3528	-49.14	-13	-36.14	-58.03	2.856	13.90	H
	1416	-65.06	-13	-52.06	-72.03	1.58	10.70	V
	2120	-55.63	-13	-42.63	-63.88	2.10	12.50	V
	2824	-51.69	-13	-38.69	-60.58	2.86	13.90	V
	3528	-48.52	-13	-35.52	-57.41	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	-54.77	-25	-29.77	-64.98	3.03	13.24	H
	7486	-60.36	-25	-35.36	-69.81	3.56	13.01	H
	9992	-59.97	-25	-34.97	-69.49	3.92	13.44	H
	4994	-55.62	-25	-30.62	-65.83	3.03	13.24	V
	7486	-60.03	-25	-35.03	-69.48	3.56	13.01	V
	9992	-59.75	-25	-34.75	-69.27	3.92	13.44	V
Middle	5162	-58.27	-25	-33.27	-68.48	3.03	13.24	H
	7752	-60.01	-25	-35.01	-69.46	3.56	13.01	H
	10342	-59.44	-25	-34.44	-68.96	3.92	13.44	H
	5162	-58.28	-25	-33.28	-68.49	3.03	13.24	V
	7752	-59.58	-25	-34.58	-69.03	3.56	13.01	V
	10342	-59.36	-25	-34.36	-68.88	3.92	13.44	V
Highest	5344	-58.05	-25	-33.05	-68.26	3.03	13.24	H
	8018	-59.86	-25	-34.86	-69.31	3.56	13.01	H
	10678	-59.66	-25	-34.66	-69.18	3.92	13.44	H
	5344	-55.86	-25	-30.86	-66.07	3.03	13.24	V
	8018	-60.06	-25	-35.06	-69.51	3.56	13.01	V
	10678	-59.91	-25	-34.91	-69.43	3.92	13.44	V

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