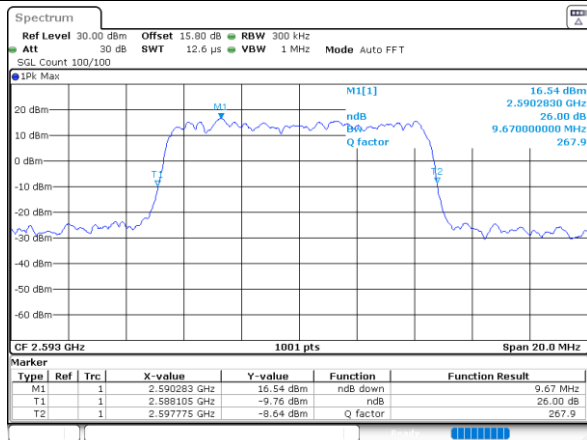




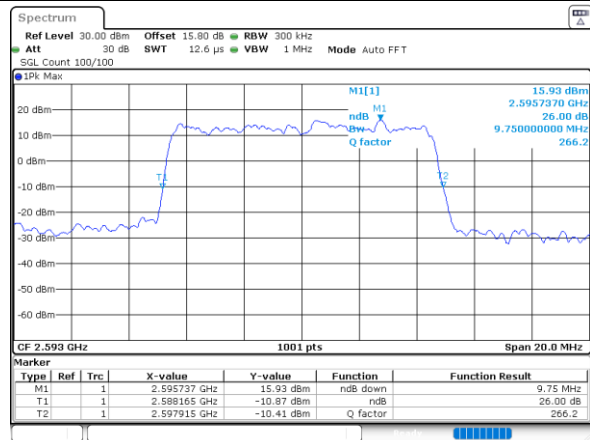
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 27.MAR.2026 20:57:13

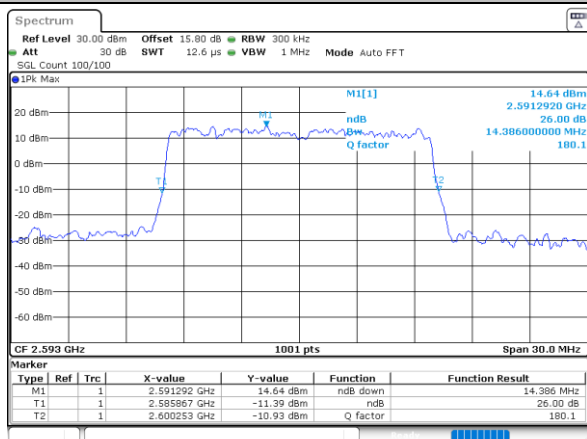
Middle Channel / 10MHz / 16QAM



Date: 27.MAR.2026 20:57:137

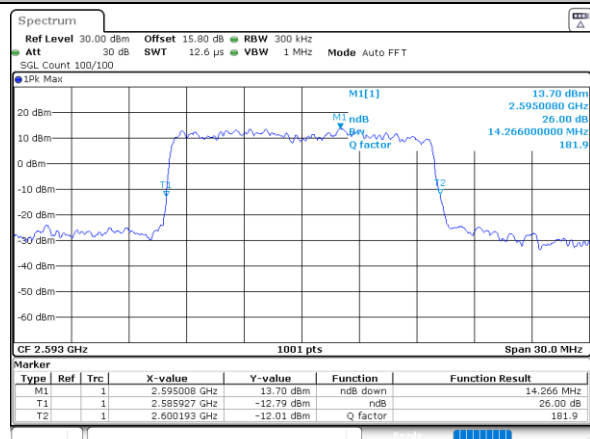
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 27.MAR.2026 20:58:50

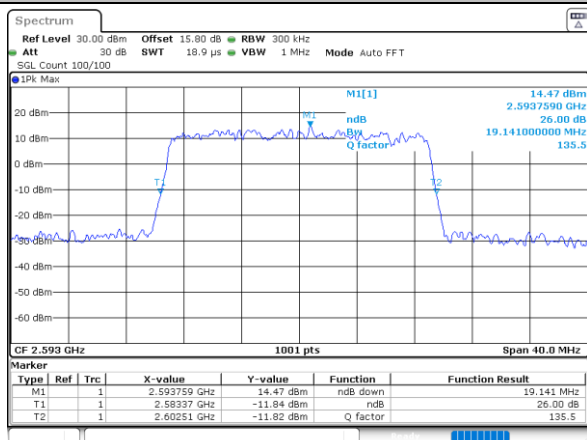
Middle Channel / 15MHz / 16QAM



Date: 27.MAR.2026 20:59:15

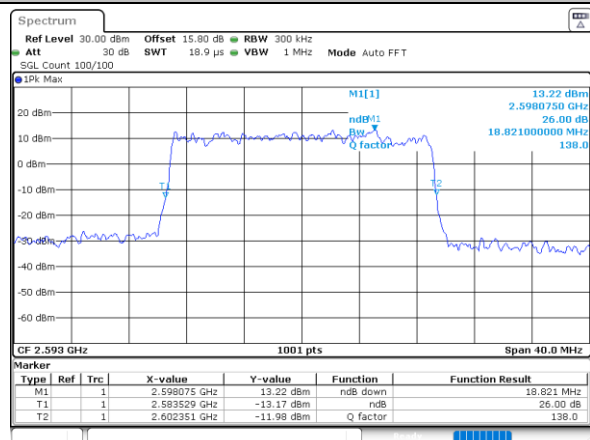
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 27.MAR.2026 21:00:28

Middle Channel / 20MHz / 16QAM

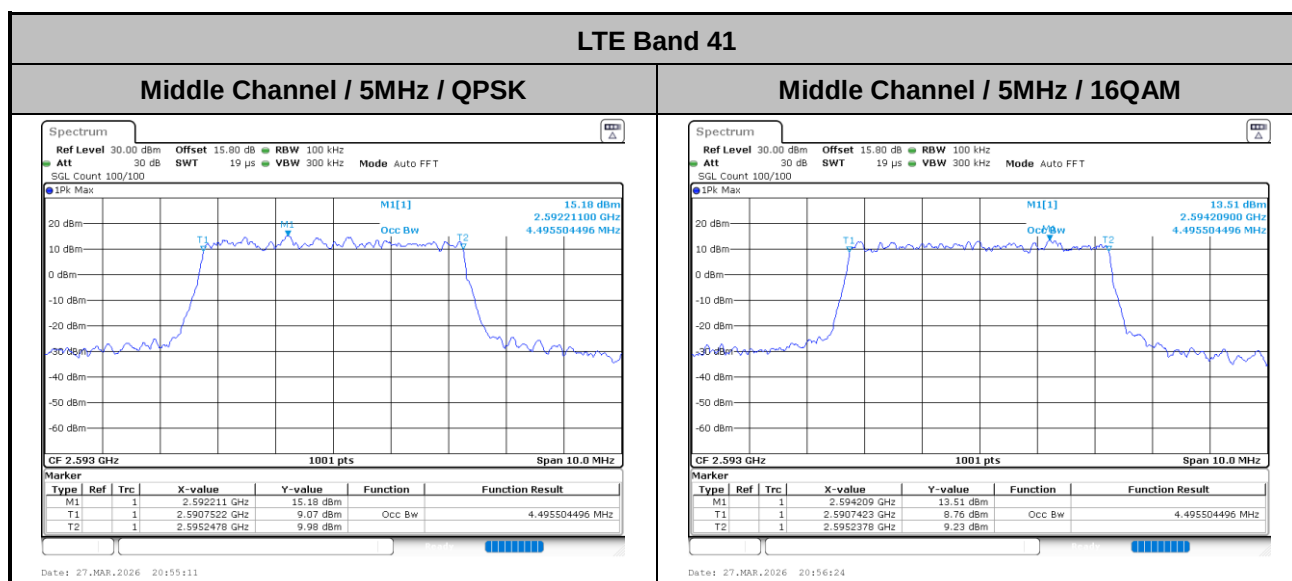


Date: 27.MAR.2026 21:00:52



Occupied Bandwidth

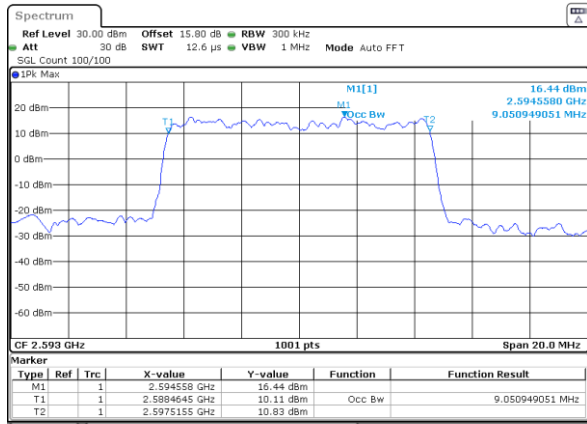
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.43
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94





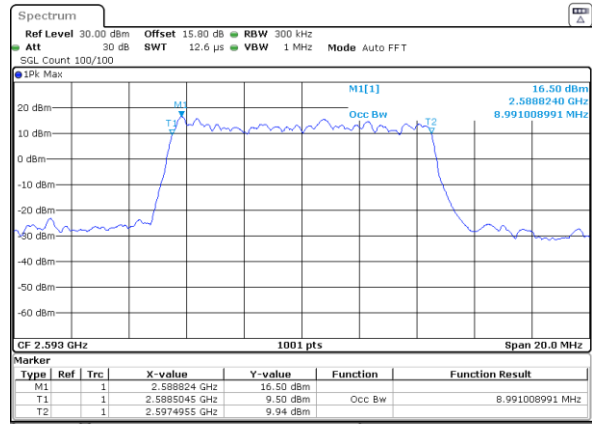
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 27.MAR.2026 20:56:49

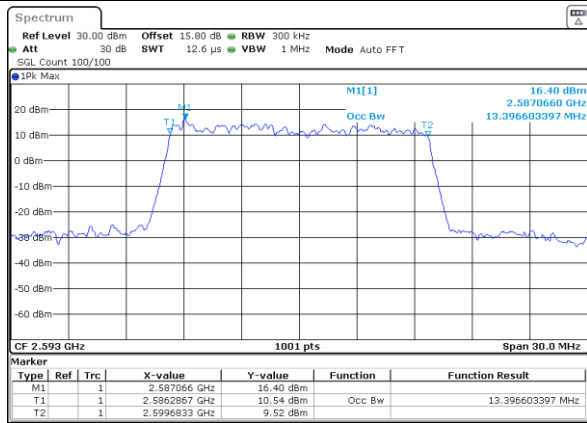
Middle Channel / 10MHz / 16QAM



Date: 27.MAR.2026 20:58:01

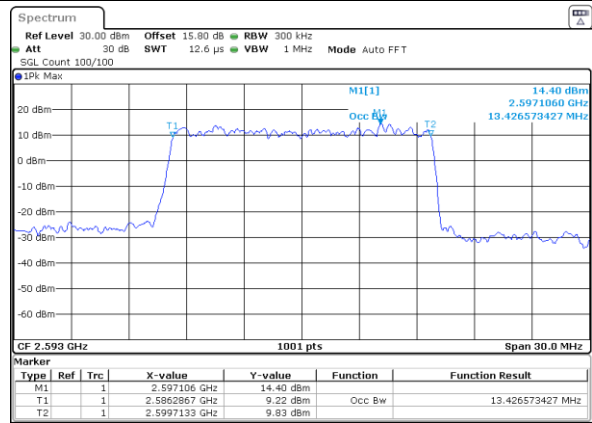
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 27.MAR.2026 20:58:26

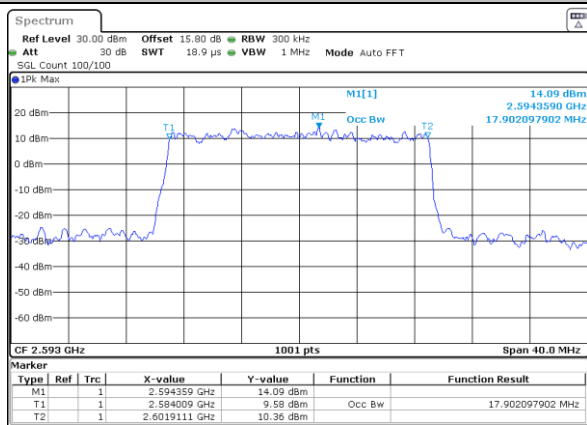
Middle Channel / 15MHz / 16QAM



Date: 27.MAR.2026 20:59:19

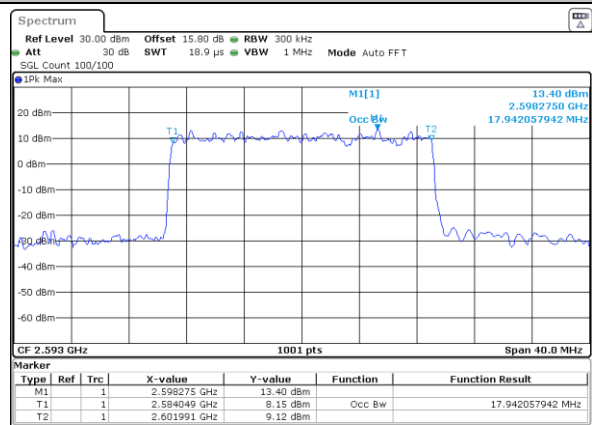
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 27.MAR.2026 21:00:04

Middle Channel / 20MHz / 16QAM



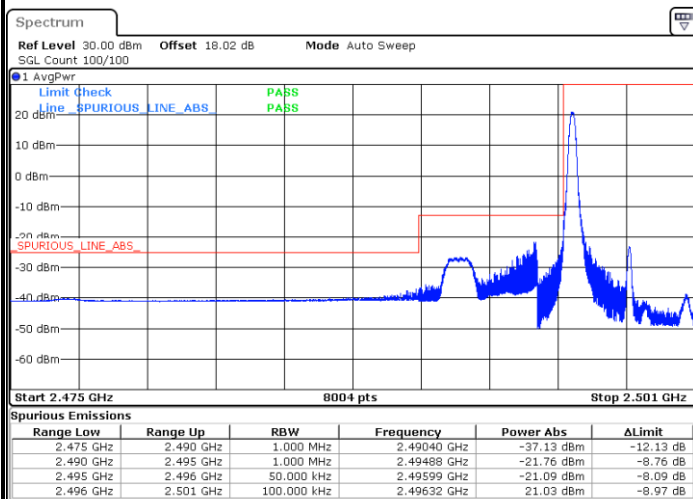
Date: 27.MAR.2026 21:01:17



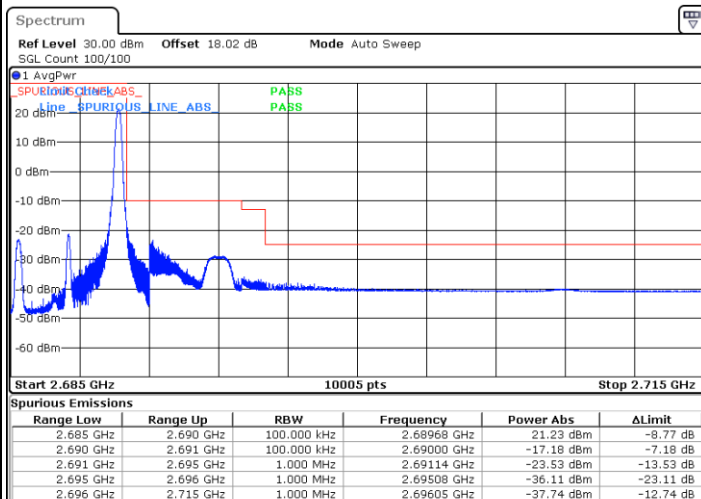
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

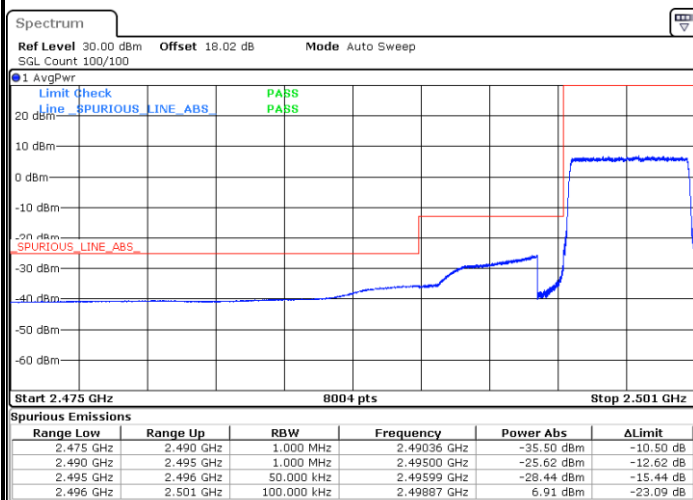
Lowest Band Edge / 1 RB



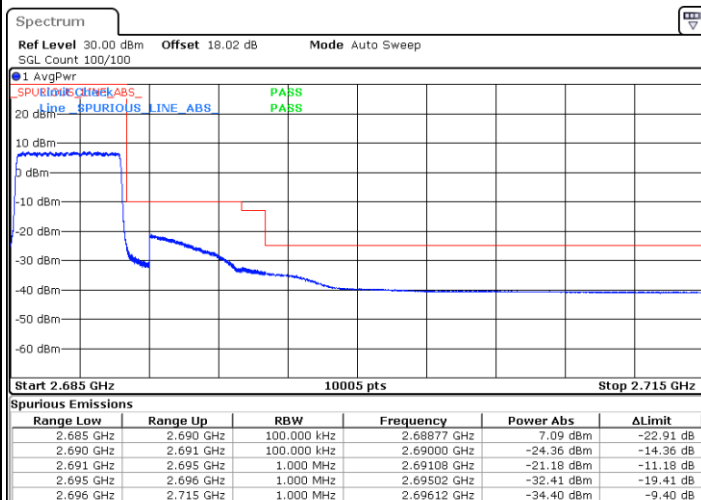
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



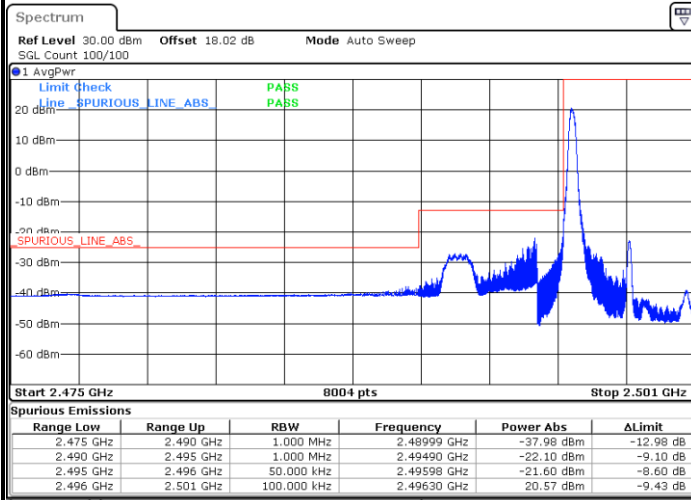
Highest Band Edge / Full RB





LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



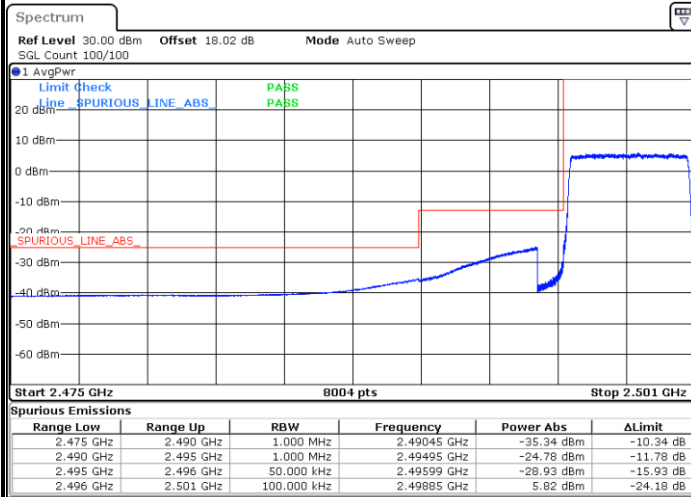
Date: 3.APR.2026 22:51:03

Highest Band Edge / 1 RB



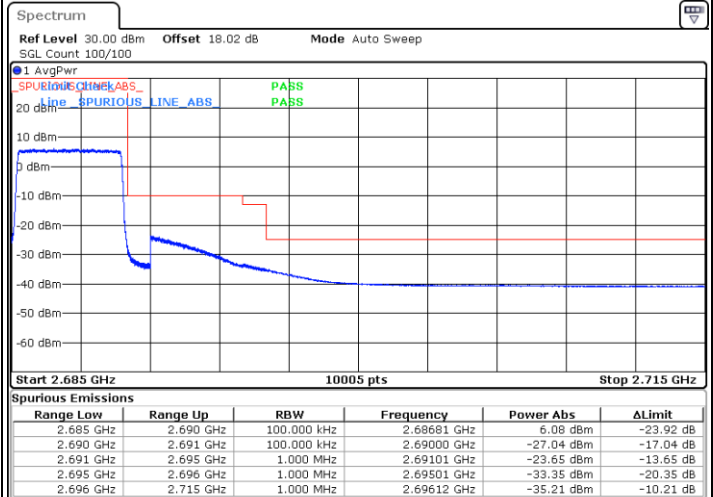
Date: 3.APR.2026 23:01:15

Lowest Band Edge / Full RB



Date: 3.APR.2026 22:54:16

Highest Band Edge / Full RB

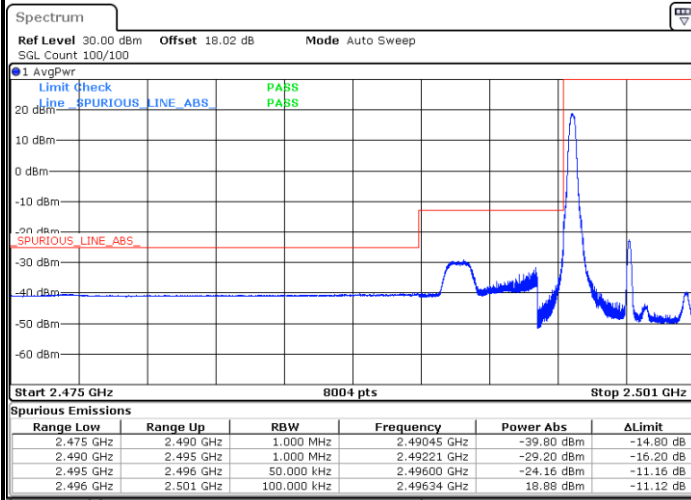


Date: 3.APR.2026 23:04:20

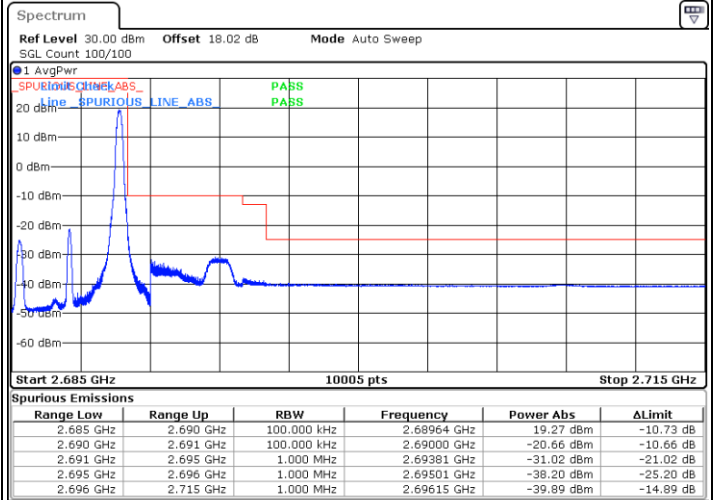


LTE Band 41 / 5MHz / 64QAM

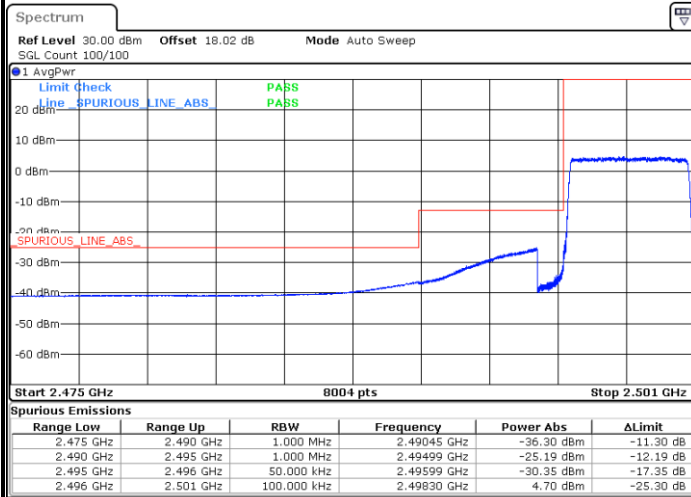
Lowest Band Edge / 1RB



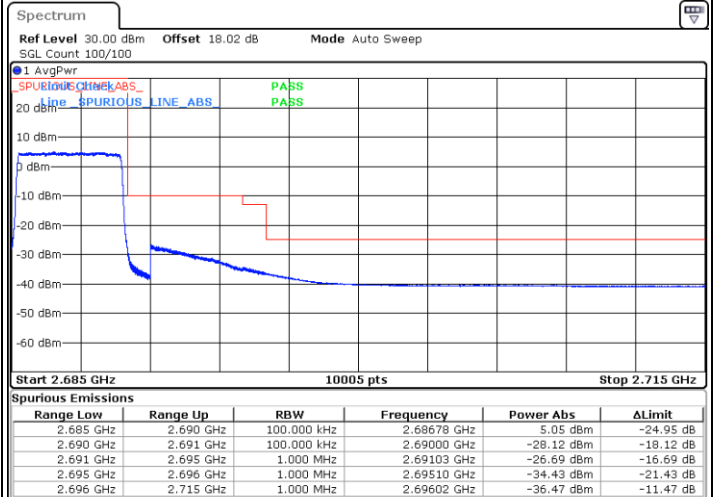
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



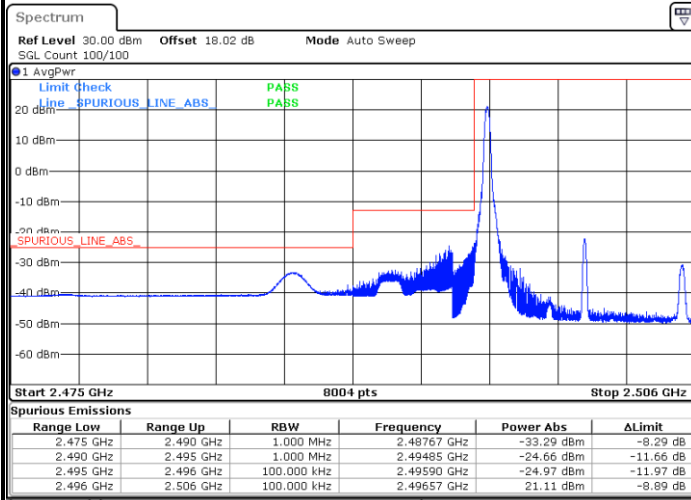
Highest Band Edge / Full RB



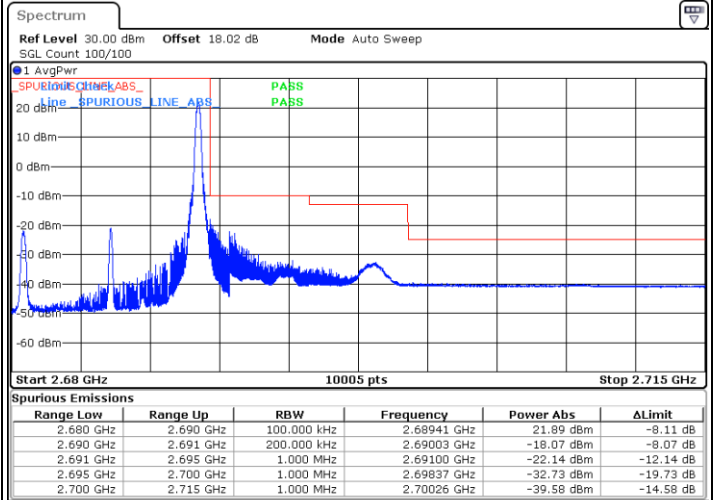


LTE Band 41 / 10MHz / QPSK

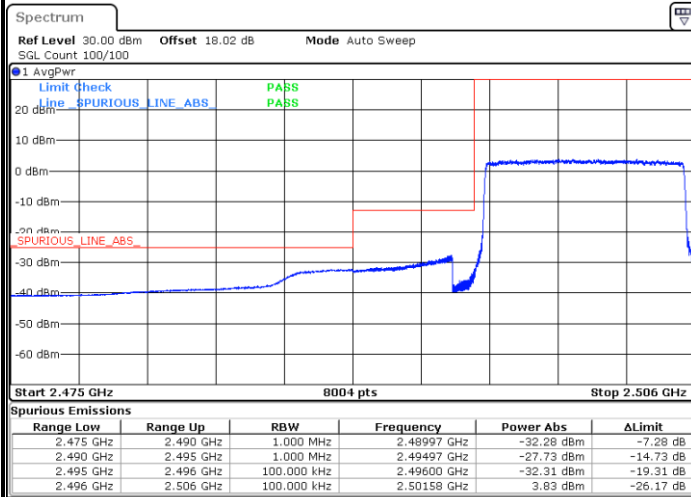
Lowest Band Edge / 1 RB



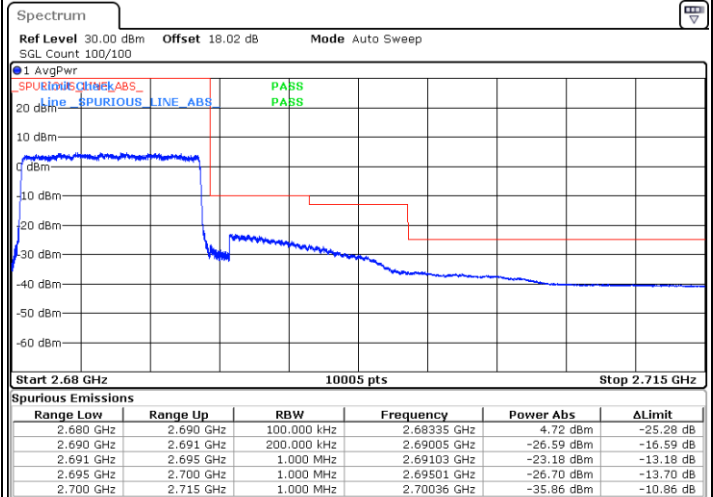
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



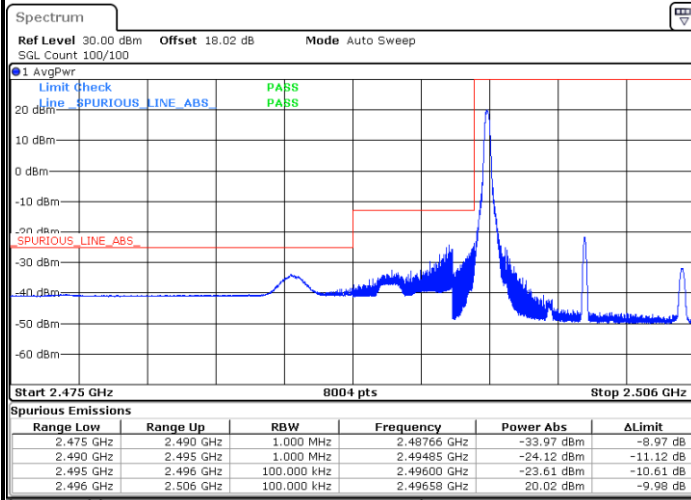
Highest Band Edge / Full RB



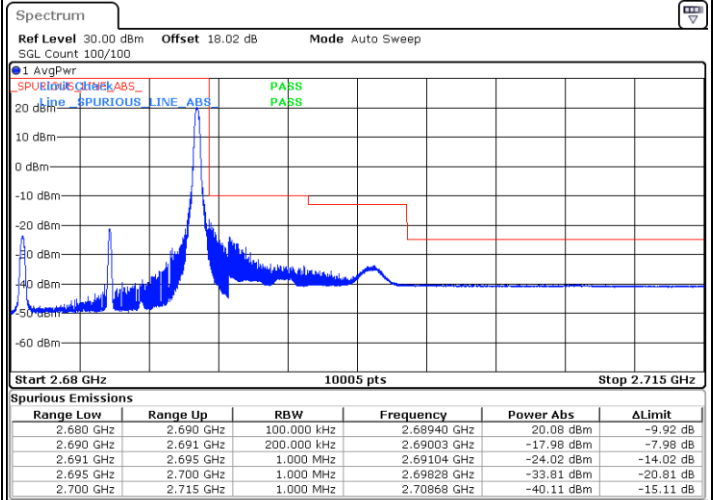


LTE Band 41 / 10MHz / 16QAM

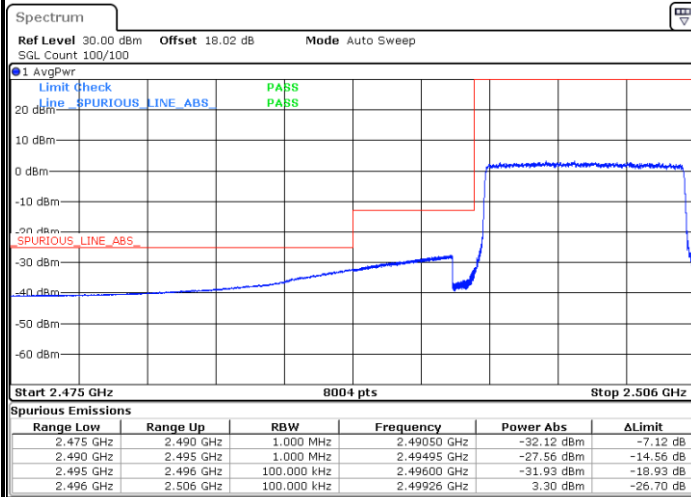
Lowest Band Edge / 1 RB



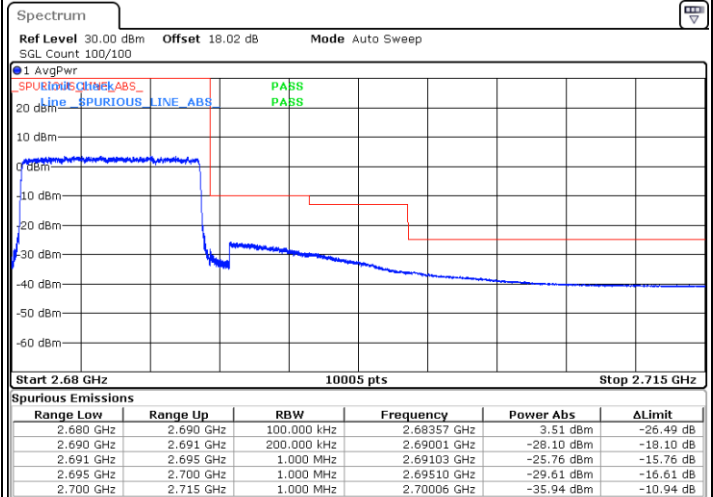
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



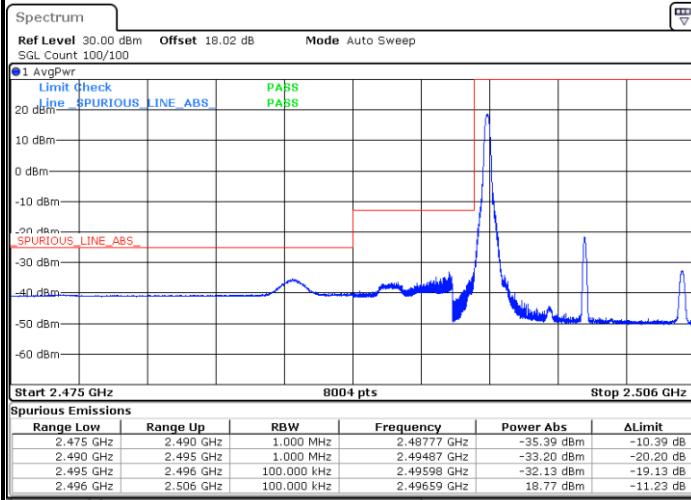
Highest Band Edge / Full RB



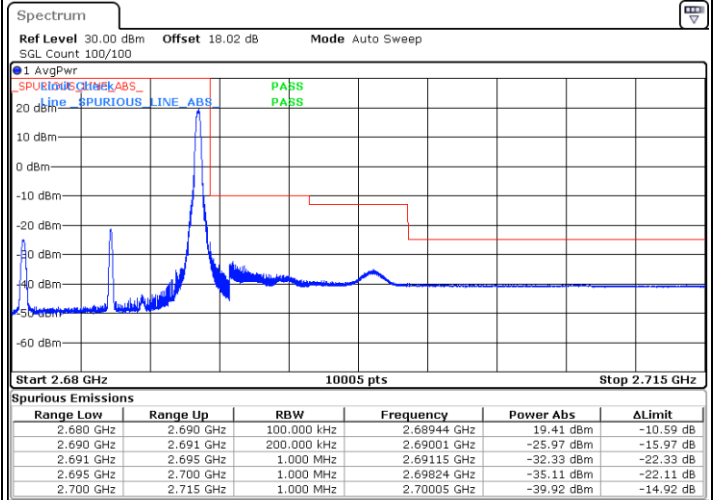


LTE Band 41 / 10MHz / 64QAM

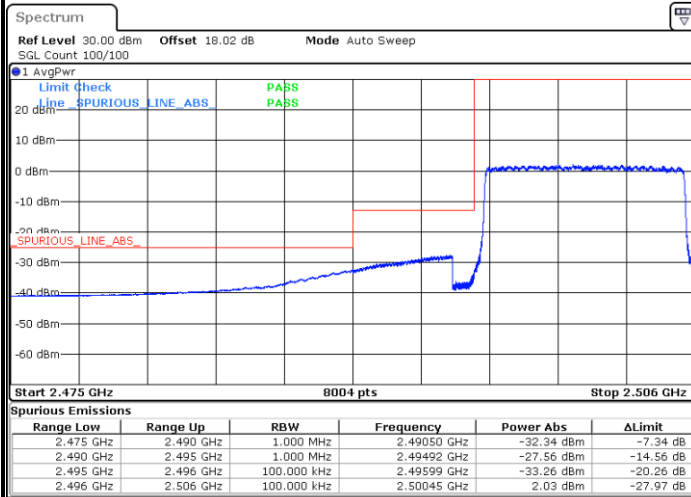
Lowest Band Edge / 1 RB



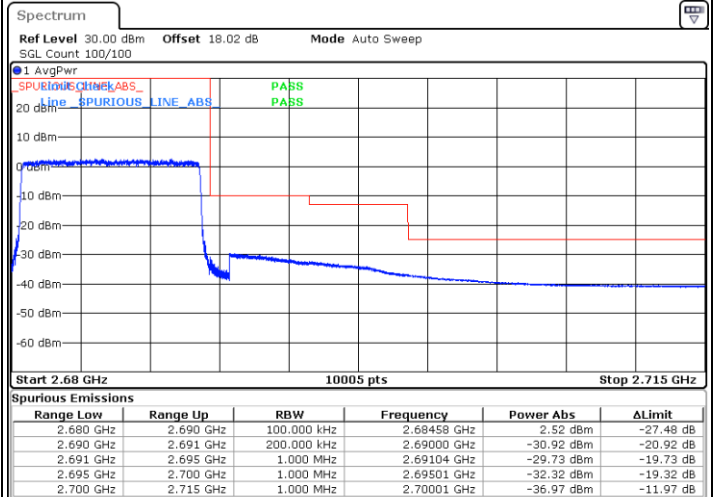
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



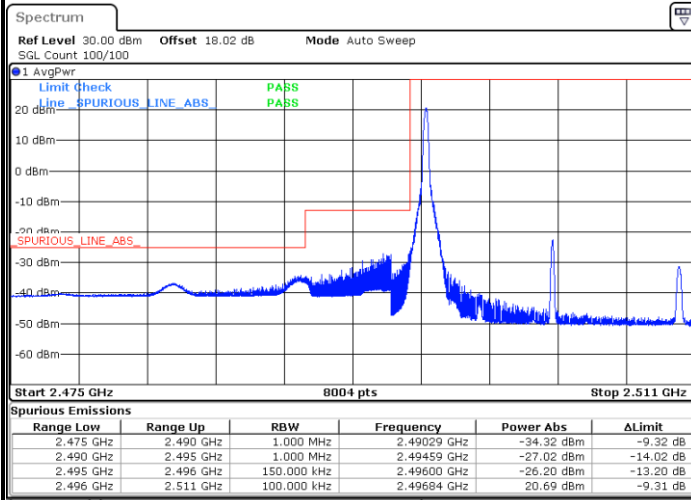
Highest Band Edge / Full RB



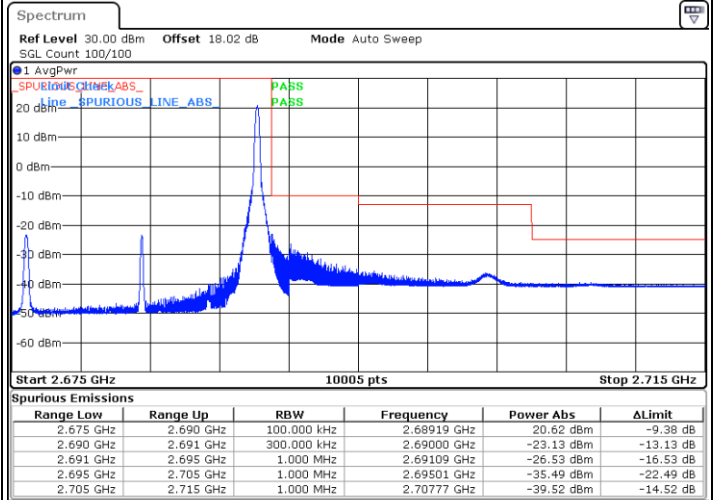


LTE Band 41 / 15MHz / QPSK

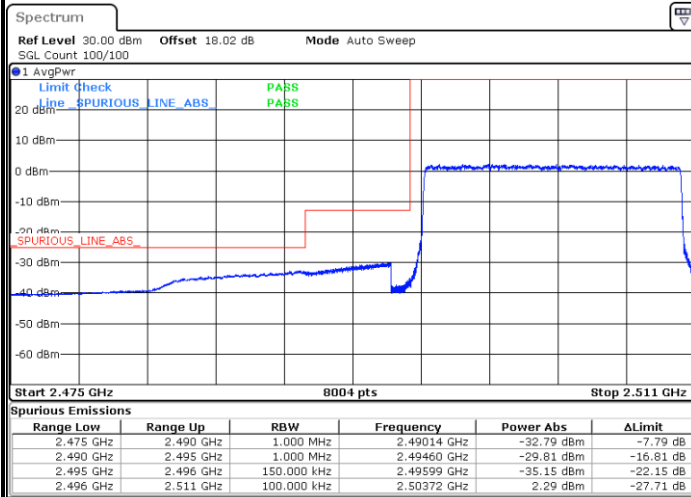
Lowest Band Edge / 1 RB



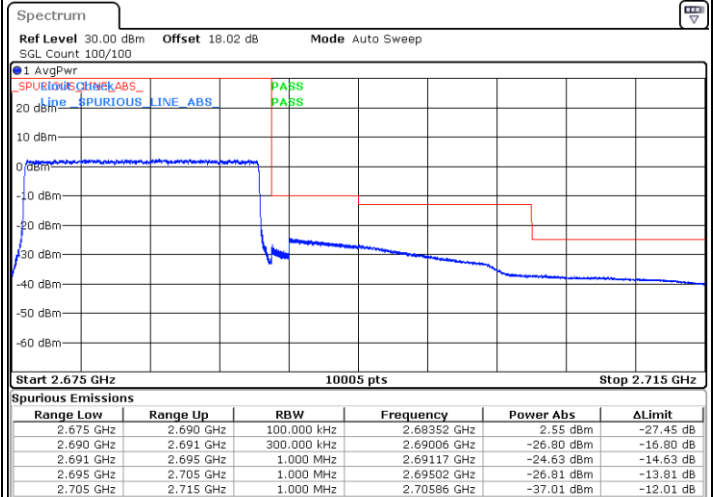
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



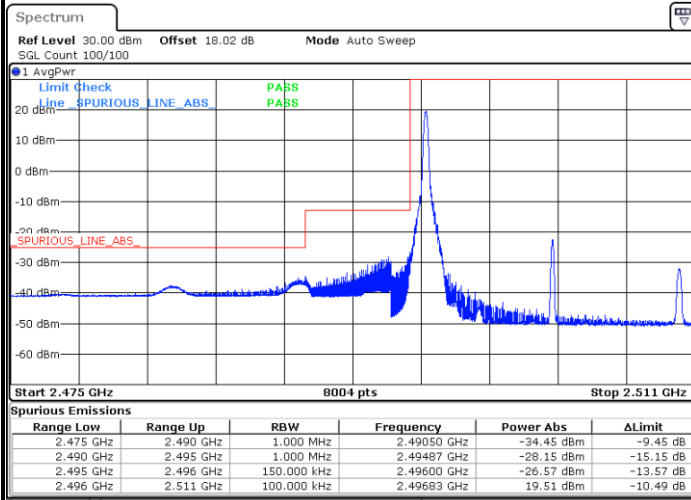
Highest Band Edge / Full RB





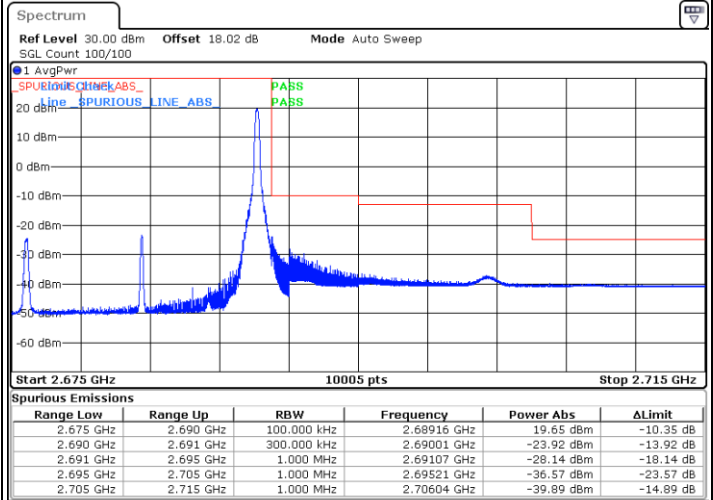
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



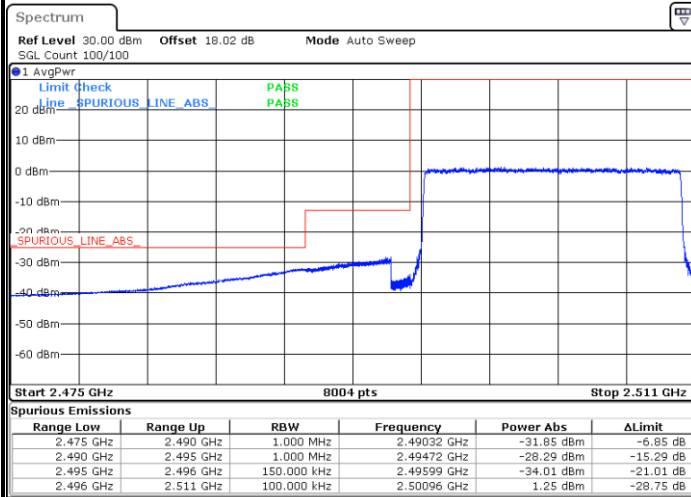
Date: 3.APR.2026 23:19:41

Highest Band Edge / 1 RB



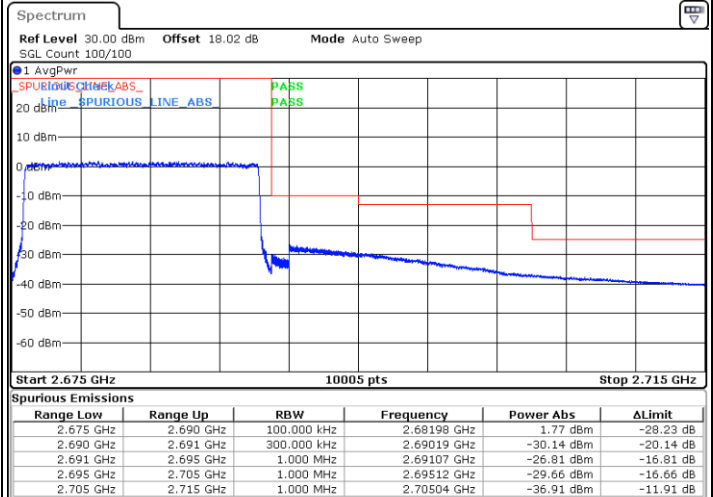
Date: 3.APR.2026 23:25:43

Lowest Band Edge / Full RB



Date: 3.APR.2026 23:22:43

Highest Band Edge / Full RB

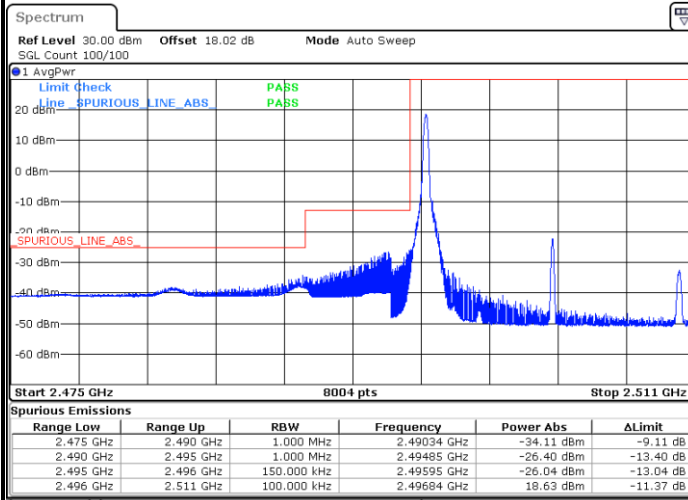


Date: 3.APR.2026 23:28:43

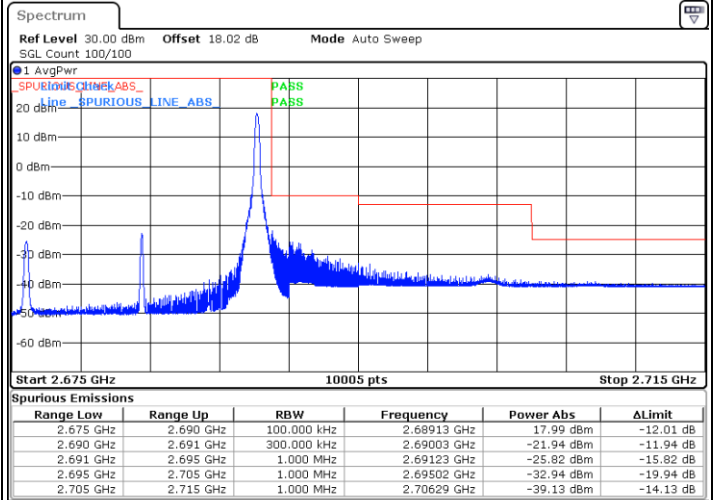


LTE Band 41 / 15MHz / 64QAM

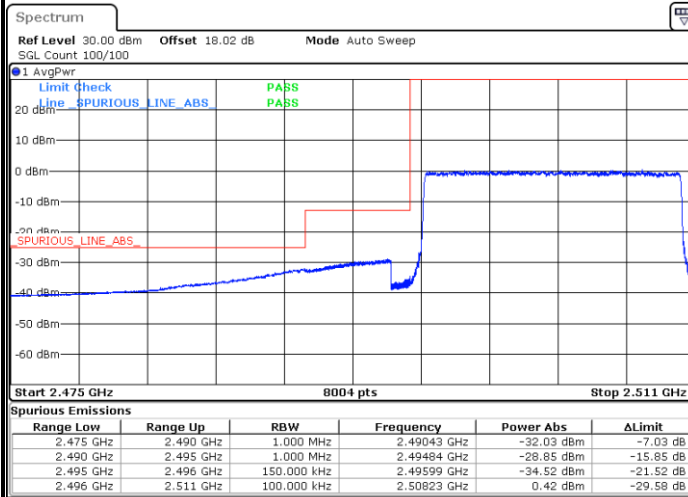
Lowest Band Edge / 1 RB



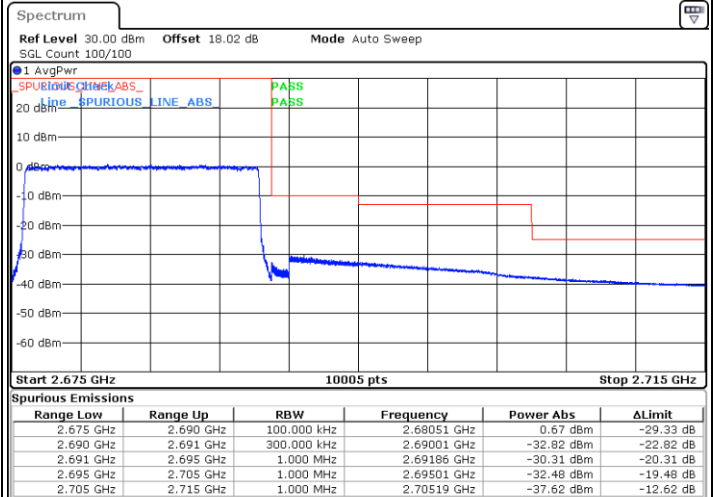
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



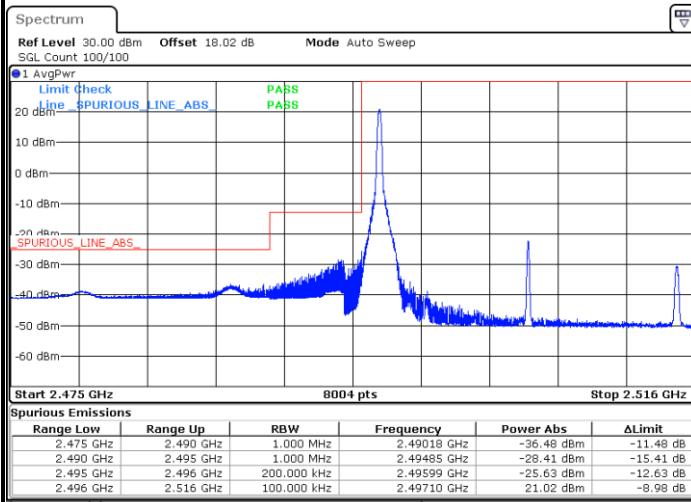
Highest Band Edge / Full RB



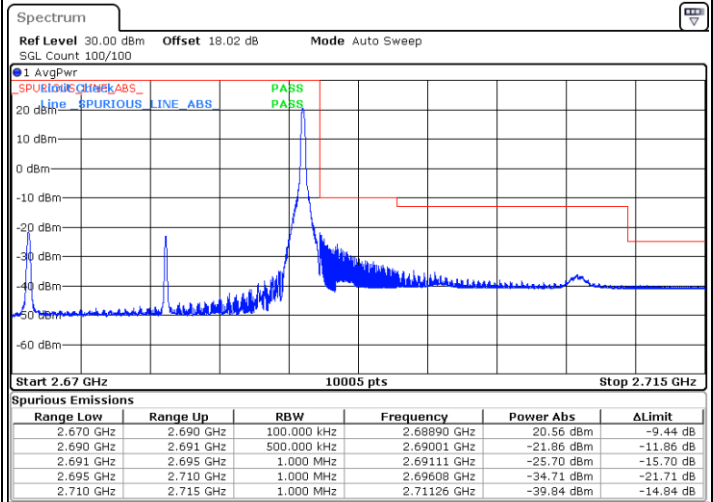


LTE Band 41 / 20MHz / QPSK

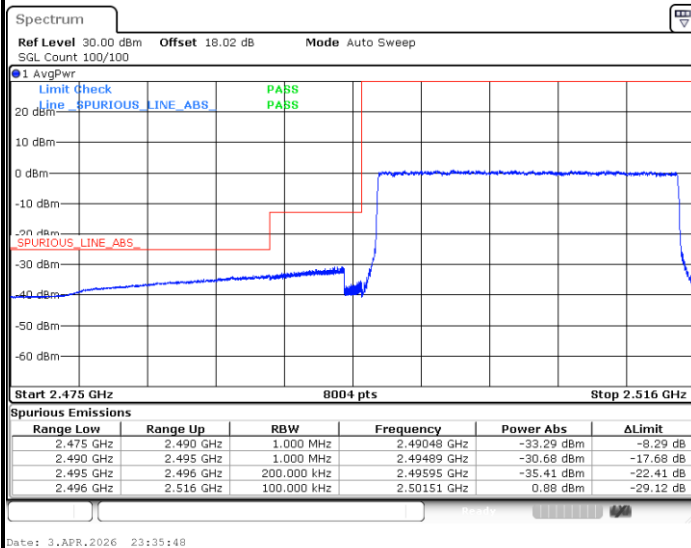
Lowest Band Edge / 1 RB



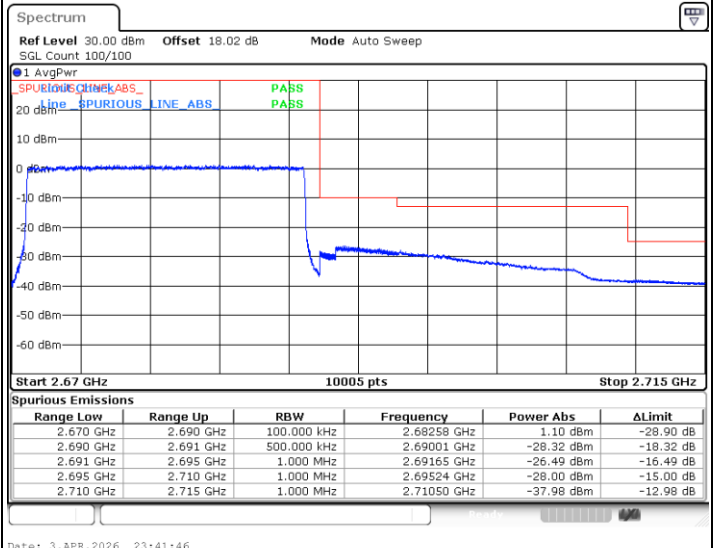
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



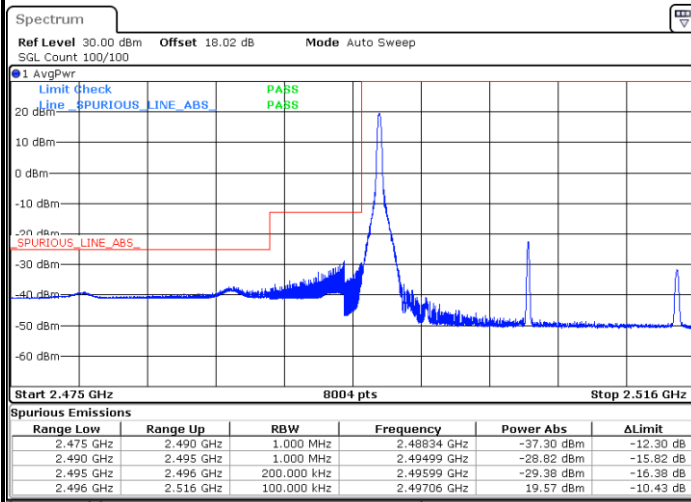
Highest Band Edge / Full RB



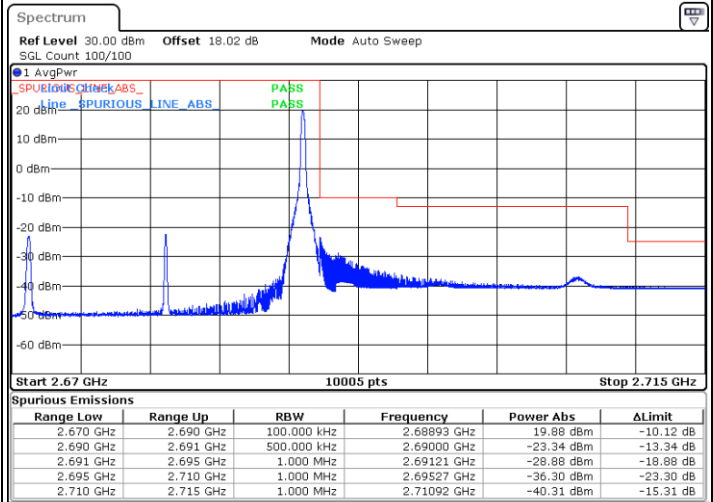


LTE Band 41 / 20MHz / 16QAM

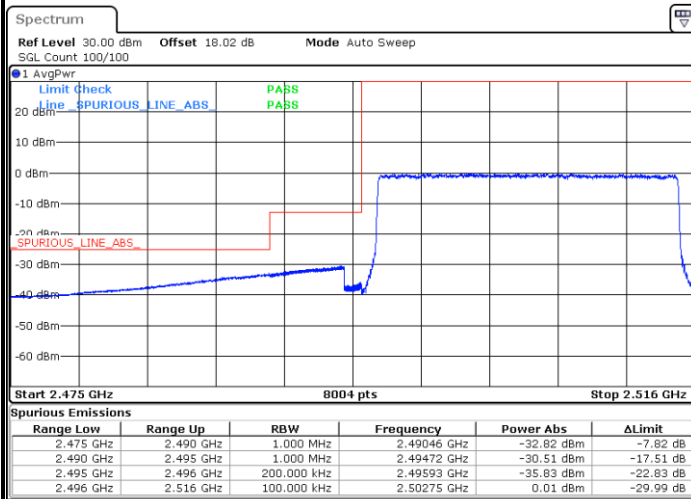
Lowest Band Edge / 1 RB



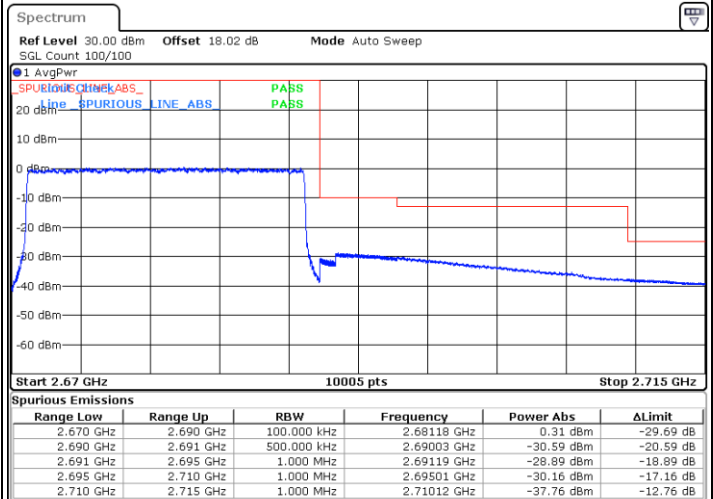
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



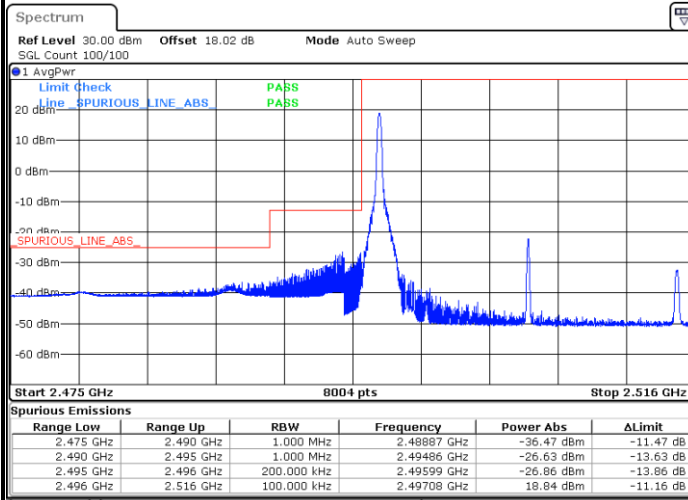
Highest Band Edge / Full RB



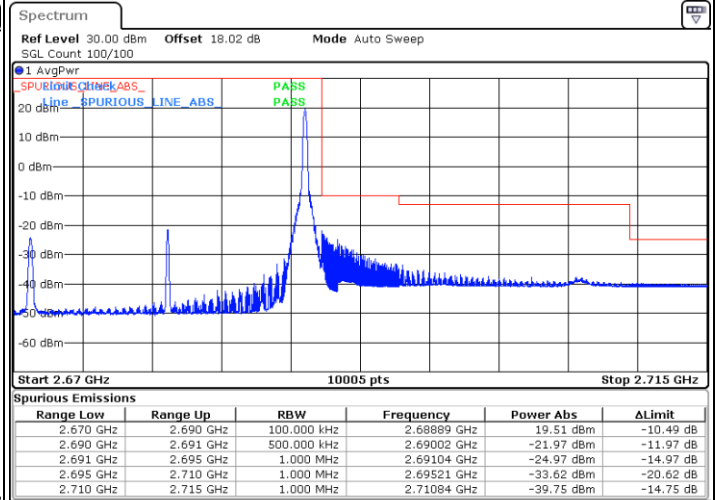


LTE Band 41 / 20MHz / 64QAM

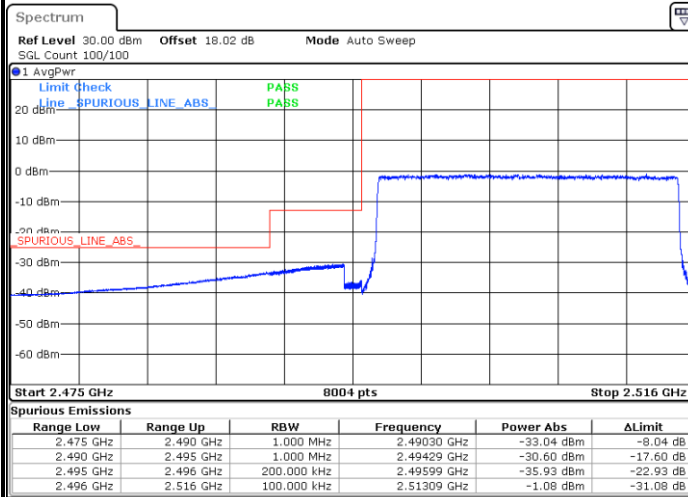
Lowest Band Edge / 1 RB



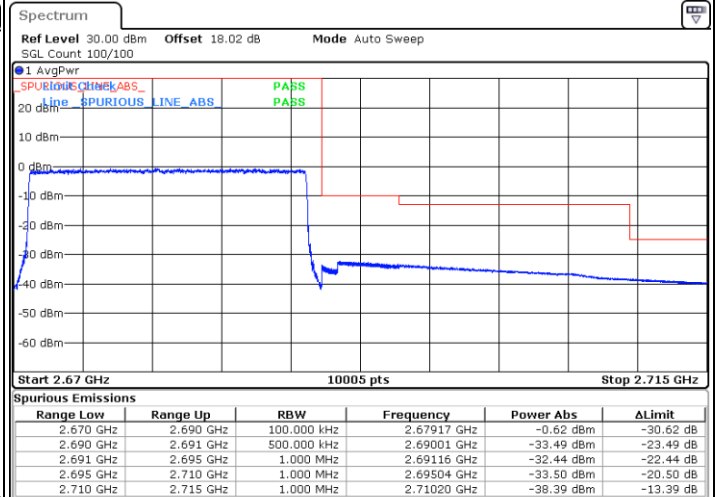
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

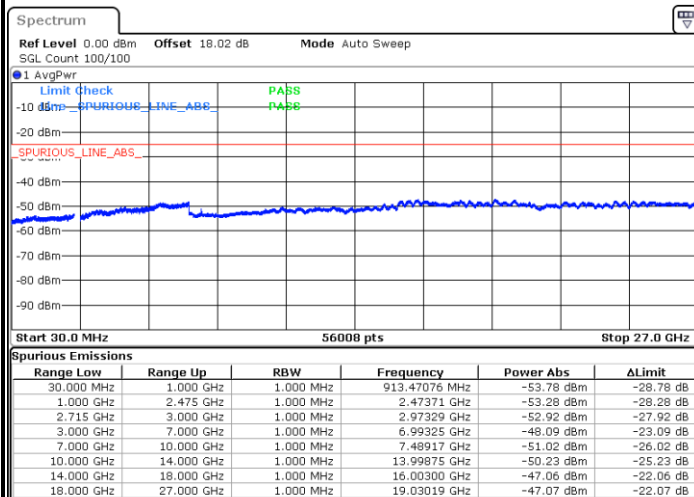




Conducted Spurious Emission

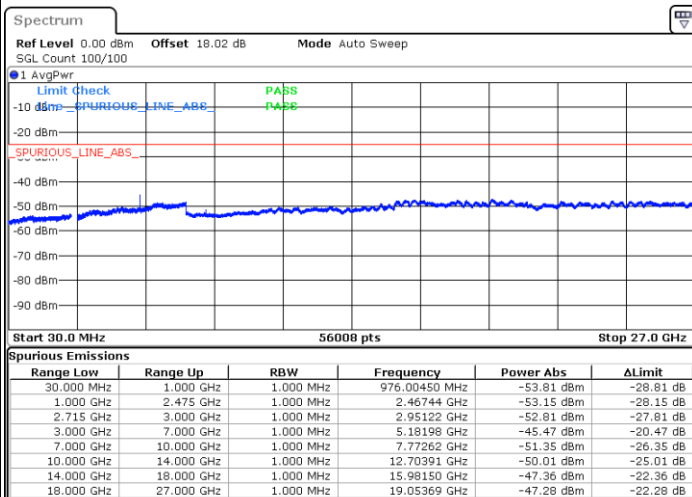
LTE Band 41 / 5MHz

Lowest Channel / QPSK



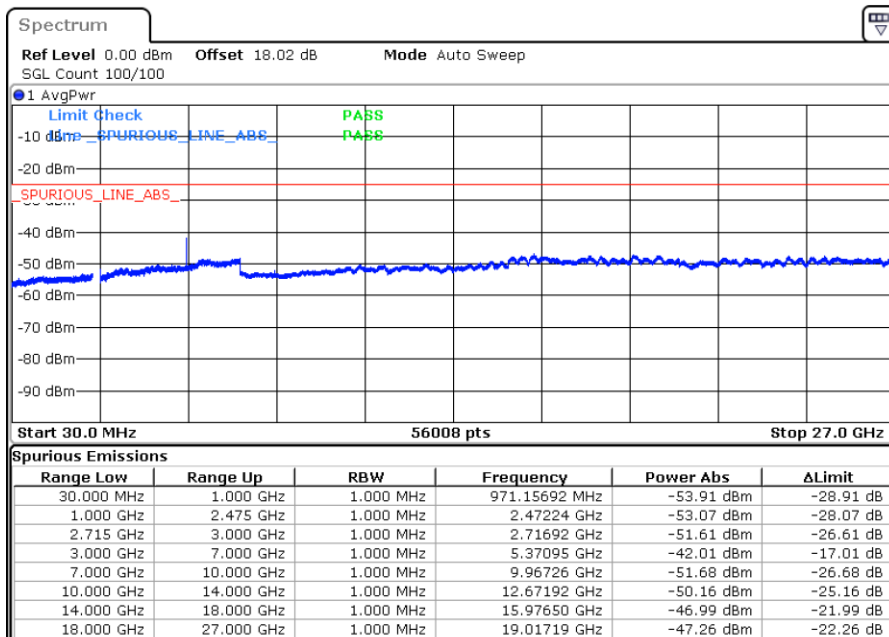
Date: 27.MAR.2026 19:08:59

Middle Channel / QPSK



Date: 27.MAR.2026 19:15:59

Highest Channel / QPSK

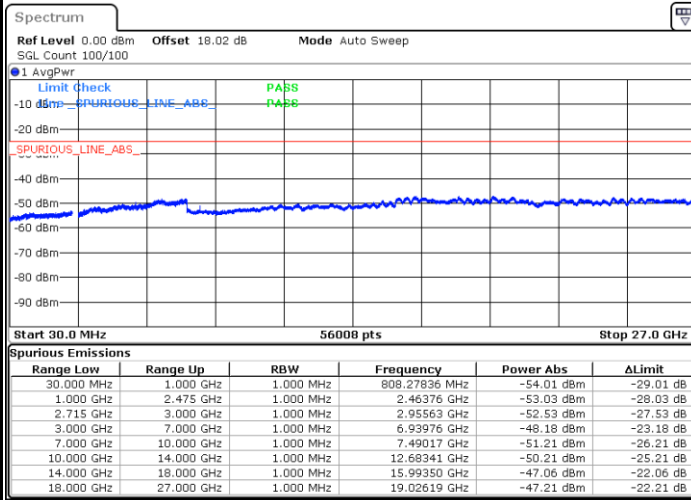


Date: 27.MAR.2026 19:17:23



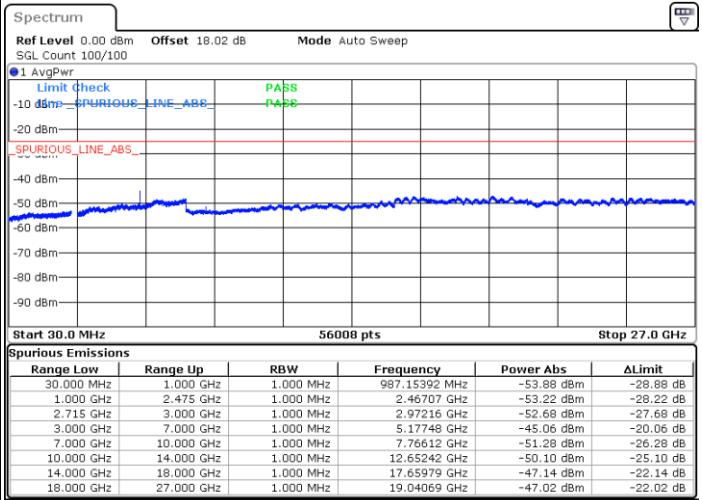
LTE Band 41 / 10MHz

Lowest Channel / QPSK



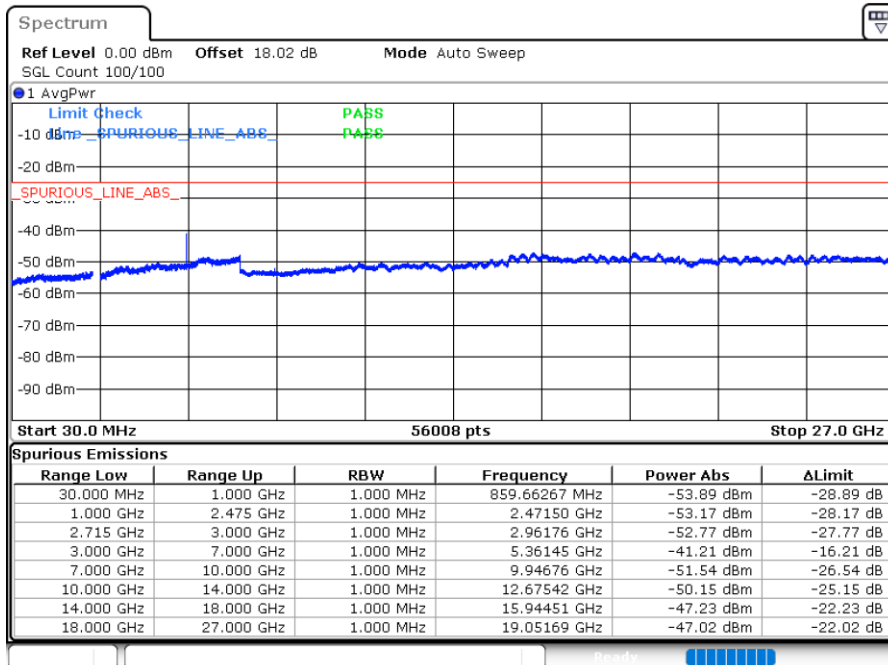
Date: 27.MAR.2026 19:51:00

Middle Channel / QPSK



Date: 27.MAR.2026 19:57:58

Highest Channel / QPSK

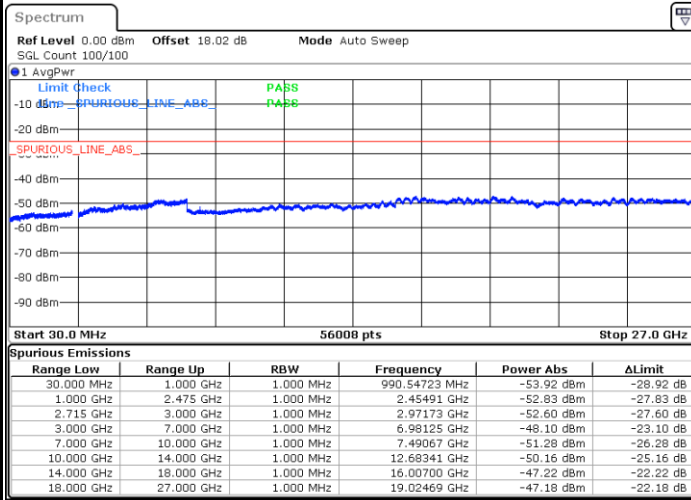


Date: 27.MAR.2026 19:59:22



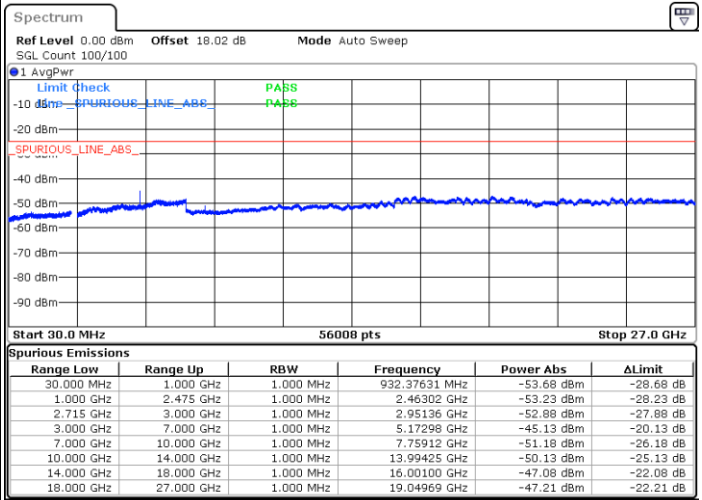
LTE Band 41 / 15MHz

Lowest Channel / QPSK



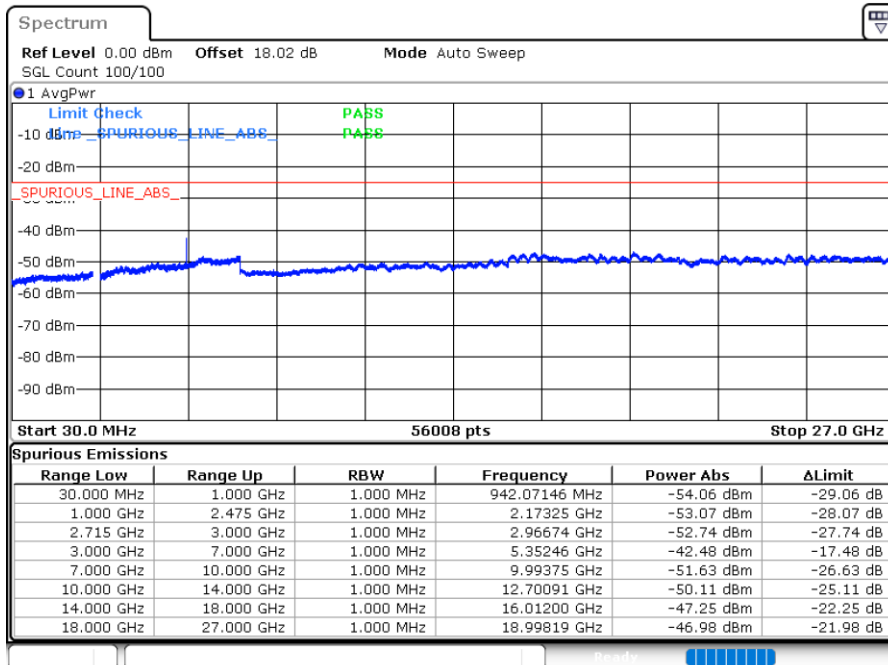
Date: 27.MAR.2026 20:06:17

Middle Channel / QPSK



Date: 27.MAR.2026 20:13:15

Highest Channel / QPSK

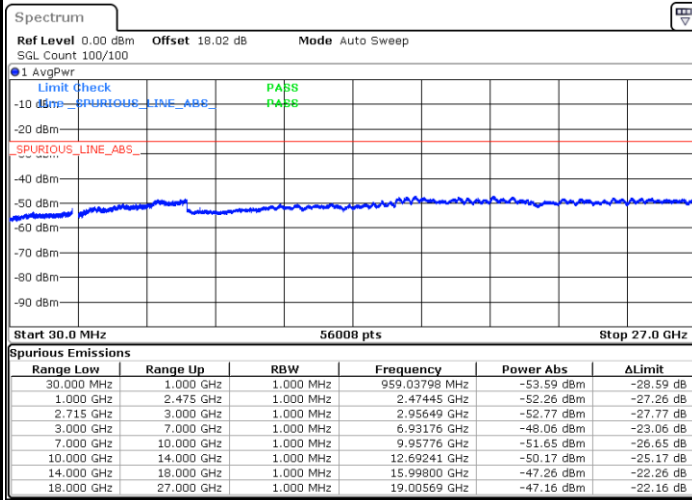


Date: 27.MAR.2026 20:14:38



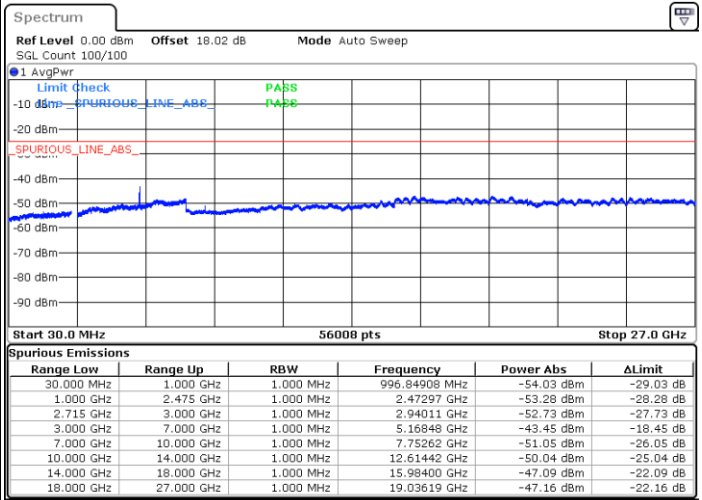
LTE Band 41 / 20MHz

Lowest Channel / QPSK



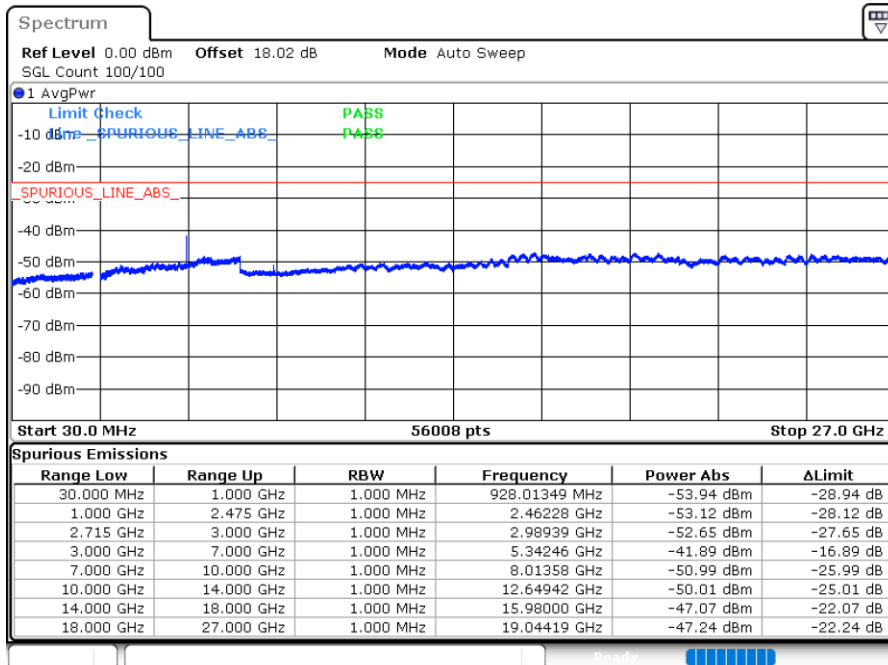
Date: 27.MAR.2026 20:21:35

Middle Channel / QPSK



Date: 27.MAR.2026 20:28:32

Highest Channel / QPSK



Date: 27.MAR.2026 20:29:56

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	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0032	
-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 =3.84 V.; Battery End Point (BEP) =3.7 V.; Maximum Voltage =4.53V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

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)
Middle	5050	-54.98	-25	-29.98	-65.19	3.03	13.24	H
	7584	-53.99	-25	-28.99	-63.44	3.56	13.01	H
	10104	-60.09	-25	-35.09	-69.61	3.92	13.44	H
	5050	-50.79	-25	-25.79	-61.00	3.03	13.24	V
	7584	-56.48	-25	-31.48	-65.93	3.56	13.01	V
	10104	-59.93	-25	-34.93	-69.45	3.92	13.44	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)
Middle	5162	-55.13	-25	-30.13	-65.34	3.03	13.24	H
	7752	-55.78	-25	-30.78	-65.23	3.56	13.01	H
	10342	-59.45	-25	-34.45	-68.97	3.92	13.44	H
	5162	-53.34	-25	-28.34	-63.55	3.03	13.24	V
	7752	-58.79	-25	-33.79	-68.24	3.56	13.01	V
	10342	-59.18	-25	-34.18	-68.70	3.92	13.44	V

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