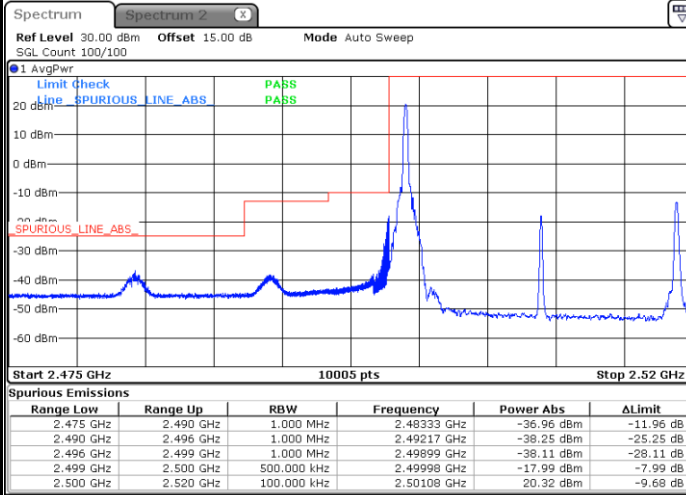


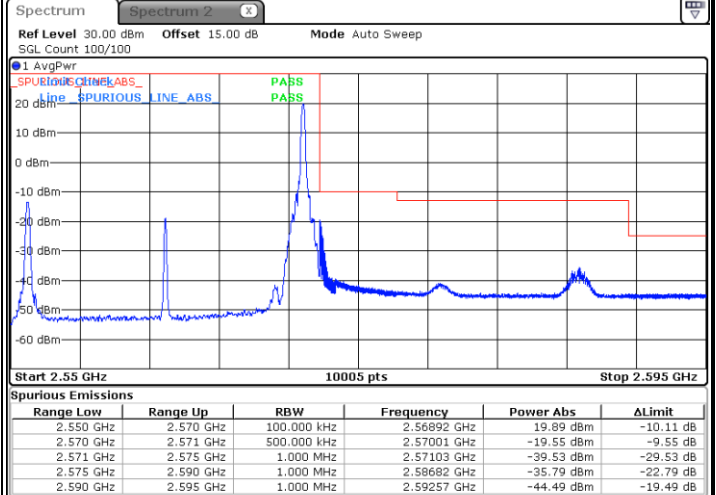


LTE Band 7 / 20MHz / QPSK

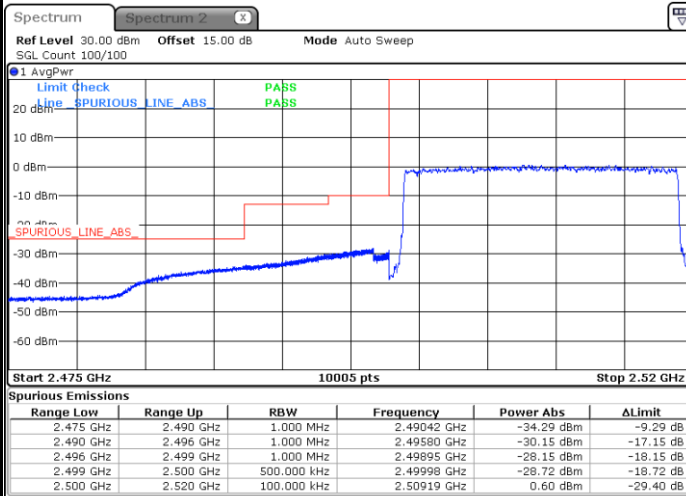
Lowest Band Edge / 1 RB



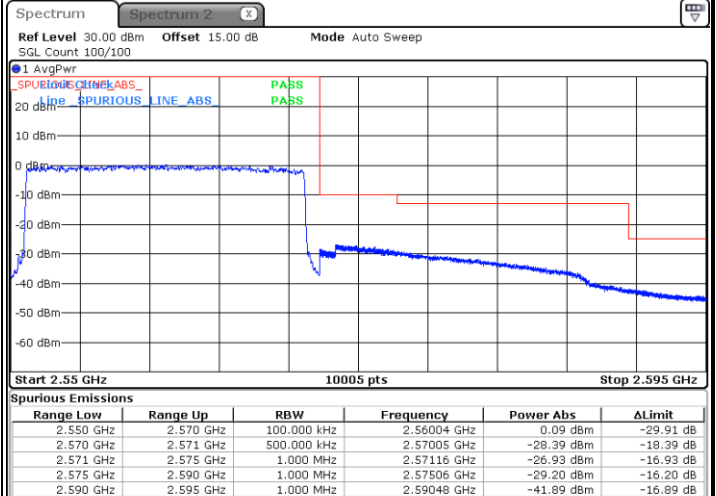
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



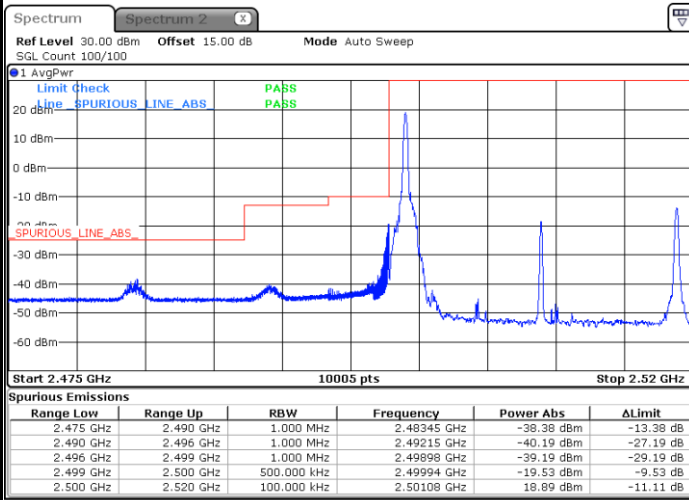
Highest Band Edge / Full RB



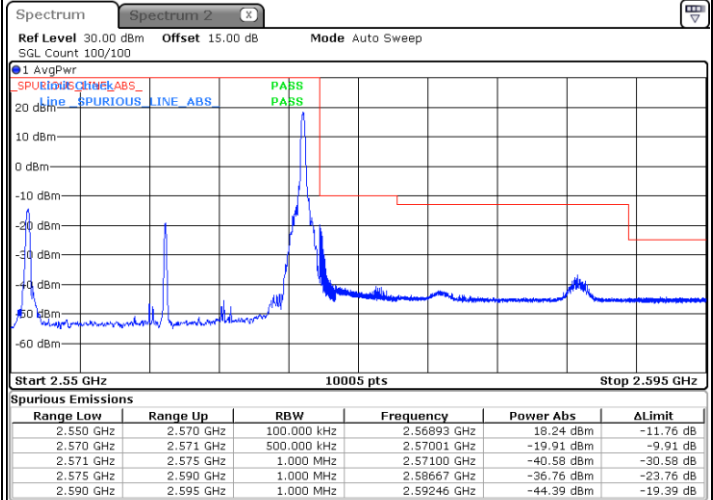


LTE Band 7 / 20MHz / 16QAM

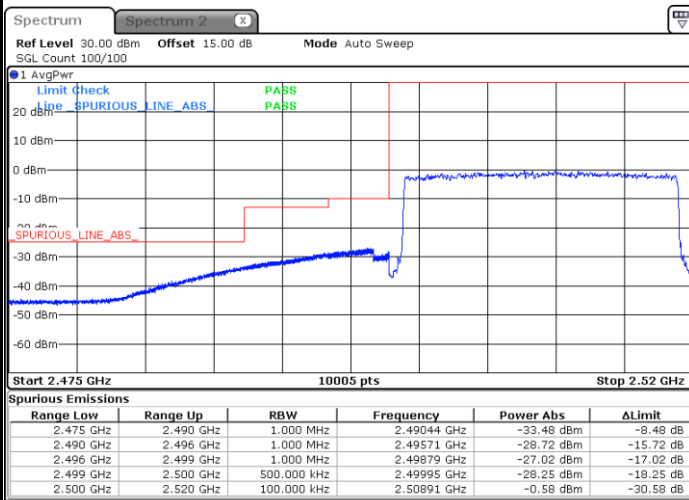
Lowest Band Edge / 1RB



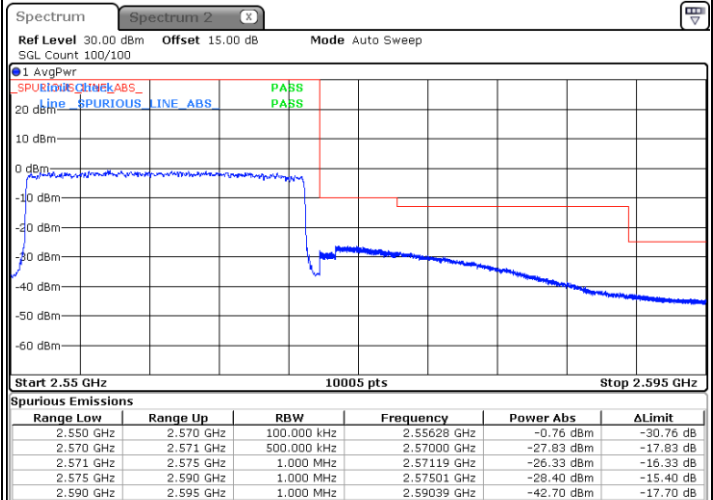
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

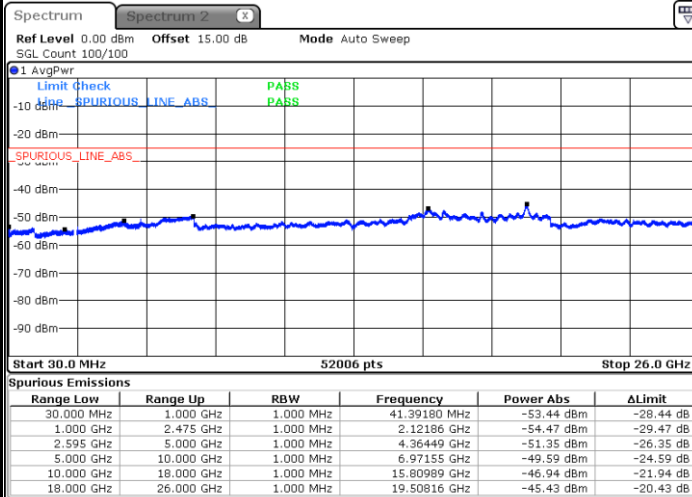




Conducted Spurious Emission

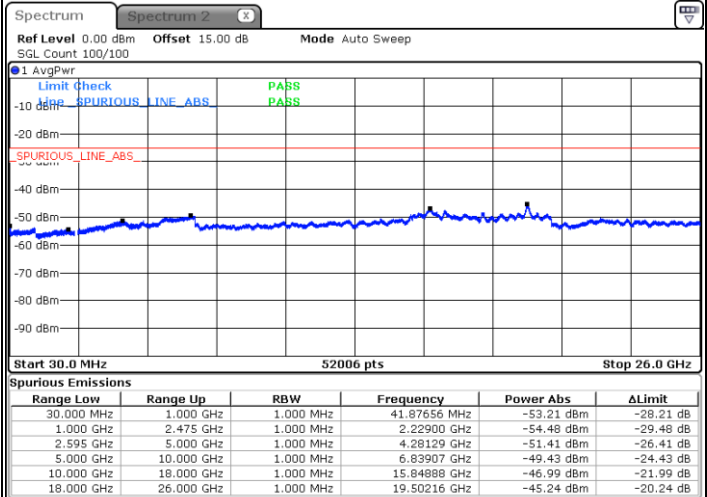
LTE Band 7 / 5MHz

Lowest Channel / QPSK



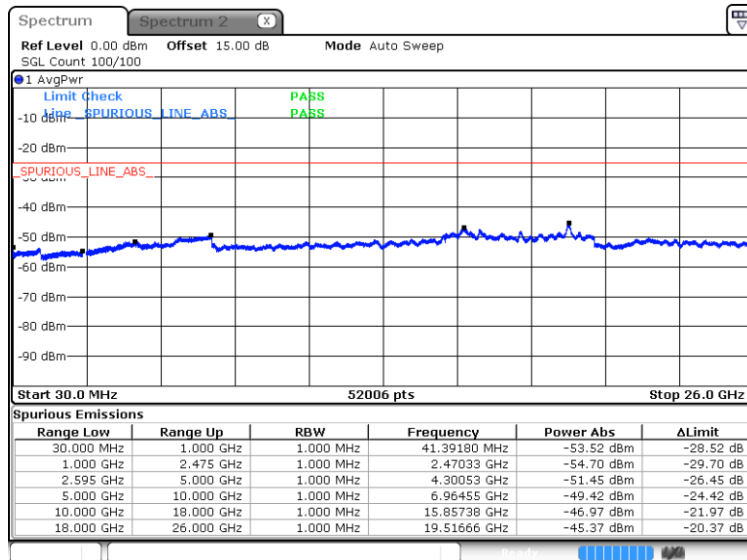
Date: 8 JAN 2026 09:04:45

Middle Channel / QPSK



Date: 8 JAN 2026 09:05:48

Highest Channel / QPSK

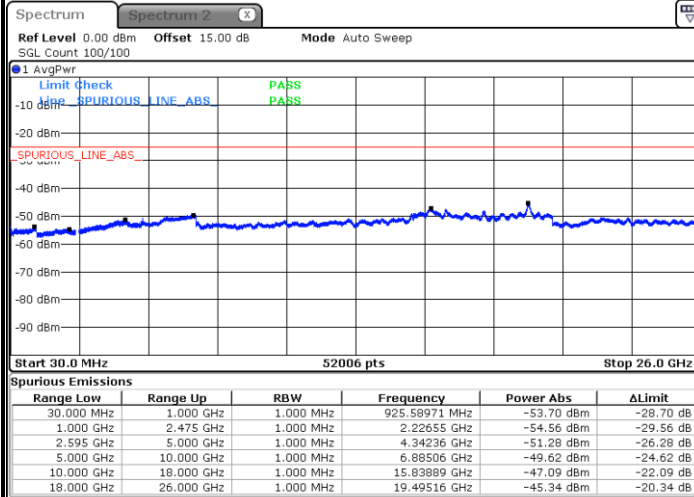


Date: 8 JAN 2026 09:10:10



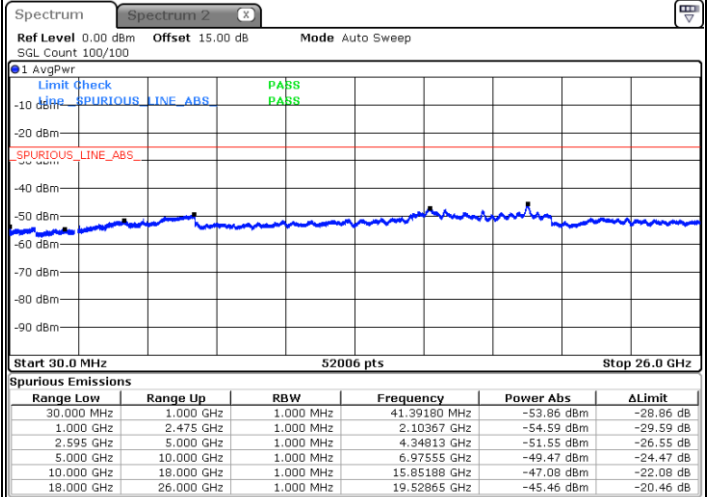
LTE Band 7 / 10MHz

Lowest Channel / QPSK



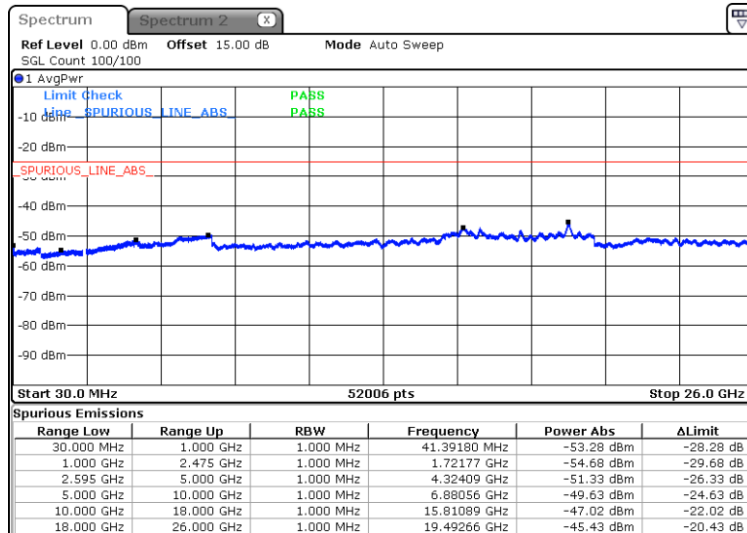
Date: 8 JAN 2026 09:26:47

Middle Channel / QPSK



Date: 8 JAN 2026 09:27:51

Highest Channel / QPSK

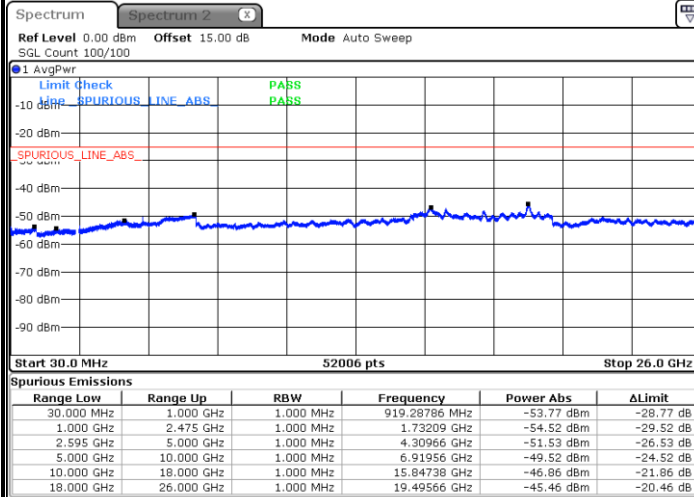


Date: 8 JAN 2026 09:32:13



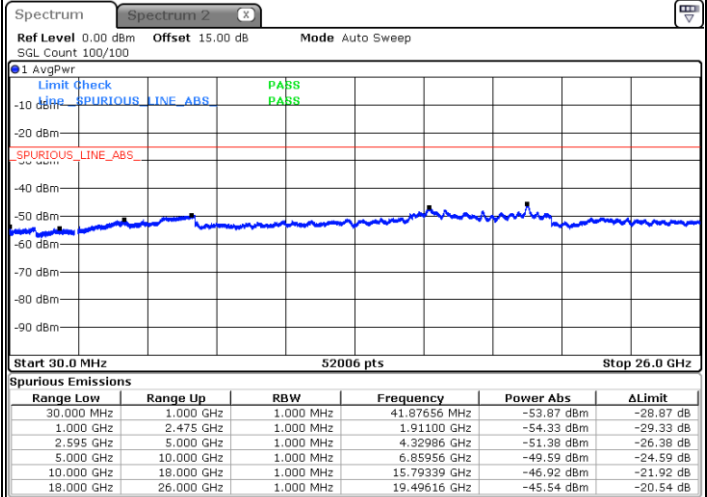
LTE Band 7 / 15MHz

Lowest Channel / QPSK



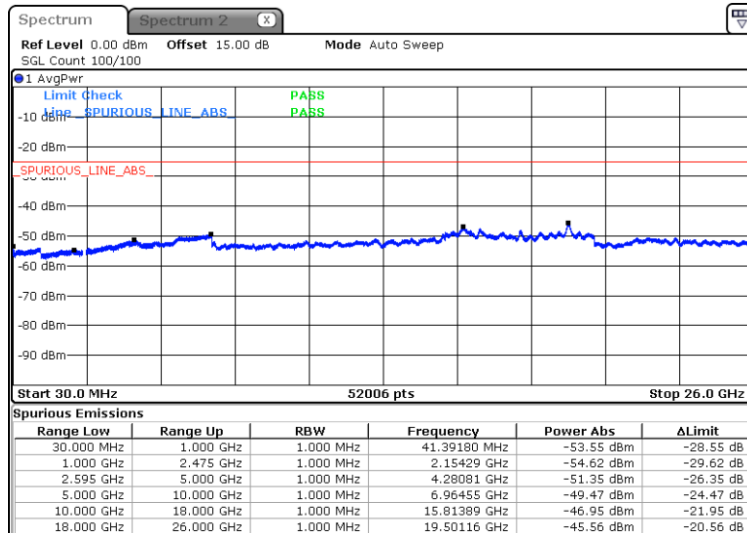
Date: 8 JAN 2026 09:41:21

Middle Channel / QPSK



Date: 8 JAN 2026 09:42:24

Highest Channel / QPSK

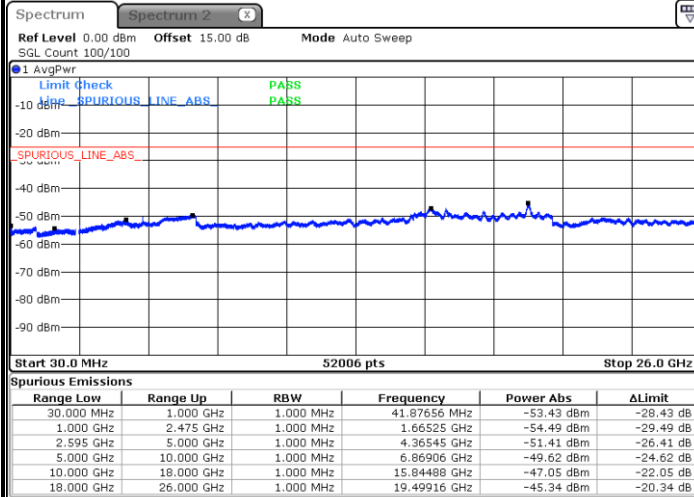


Date: 8 JAN 2026 09:46:46



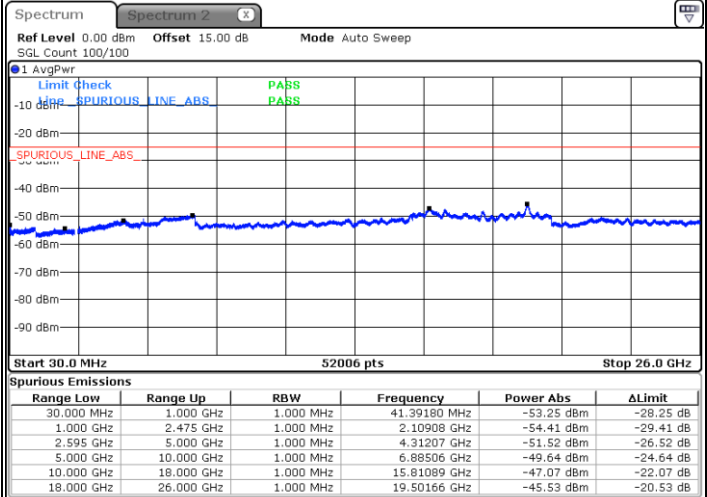
LTE Band 7 / 20MHz

Lowest Channel / QPSK



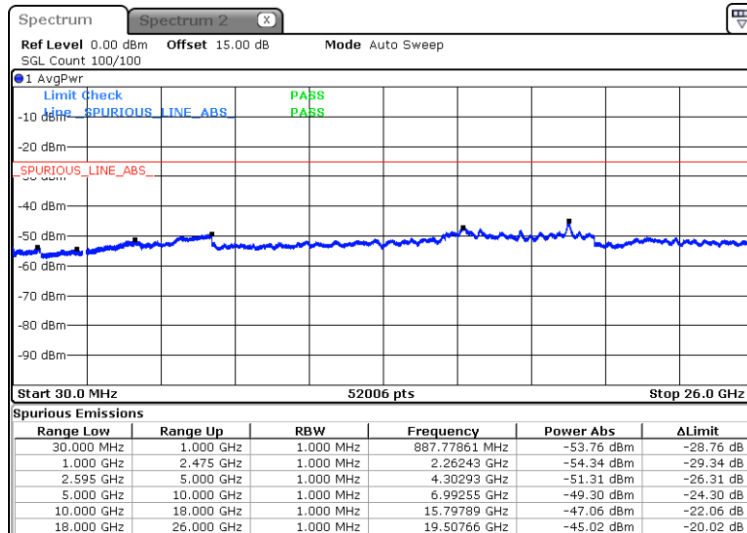
Date: 8 JAN 2026 10:00:11

Middle Channel / QPSK



Date: 8 JAN 2026 10:01:15

Highest Channel / QPSK



Date: 8 JAN 2026 10:10:52

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

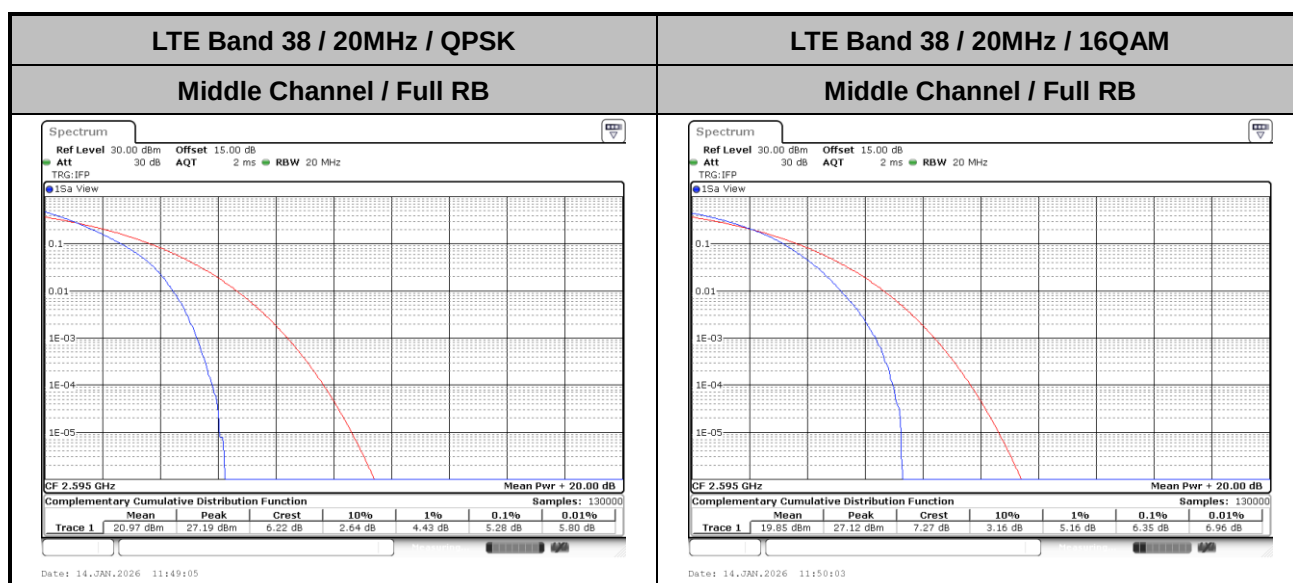
1. Normal Voltage = 7.8 V. ; Battery End Point (BEP) = 6 V. ; Maximum Voltage = 8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.28	6.35	-	PASS





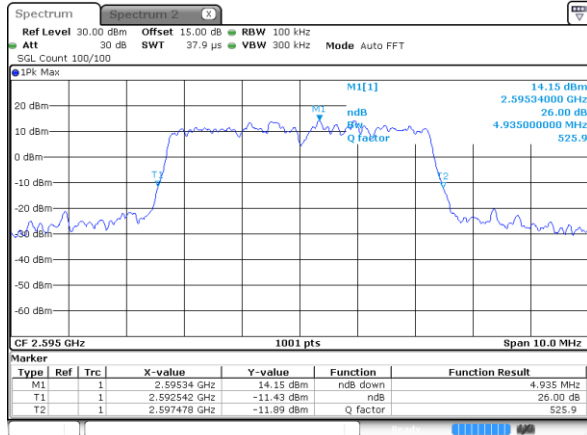
26dB Bandwidth

Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.94	4.76	9.77	9.73	14.21	14.24	18.86	18.90



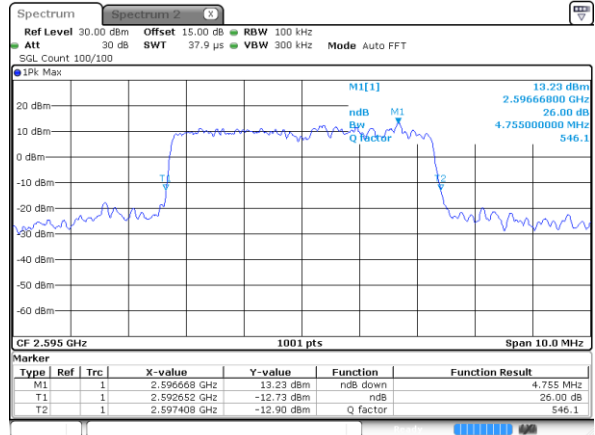
LTE Band 38

Middle Channel / 5MHz / QPSK



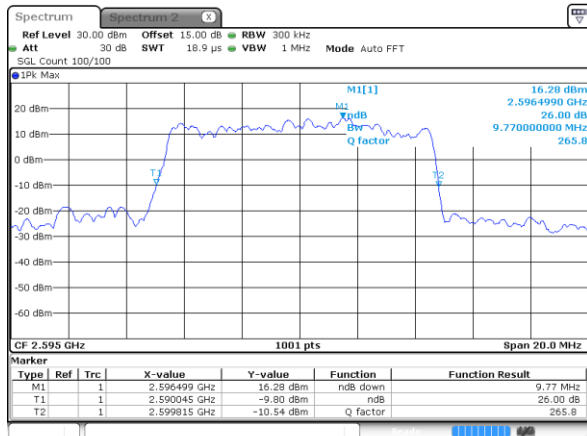
Date: 8 JAN 2026 10:18:38

Middle Channel / 5MHz / 16QAM



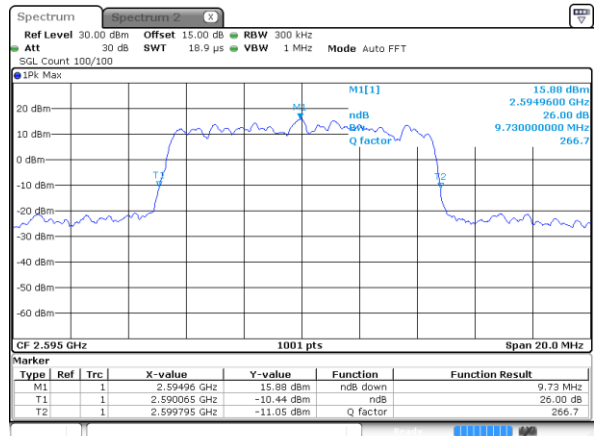
Date: 8 JAN 2026 10:19:17

Middle Channel / 10MHz / QPSK



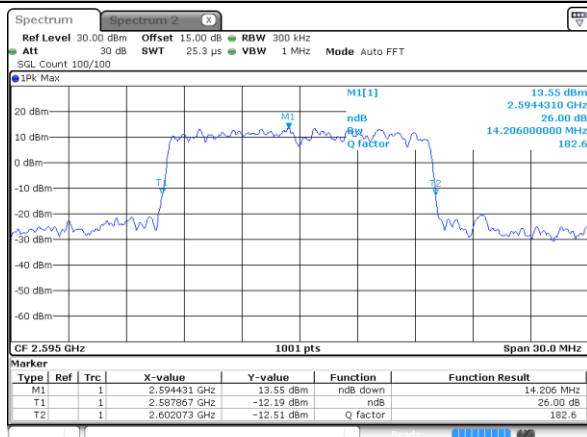
Date: 8 JAN 2026 10:28:59

Middle Channel / 10MHz / 16QAM



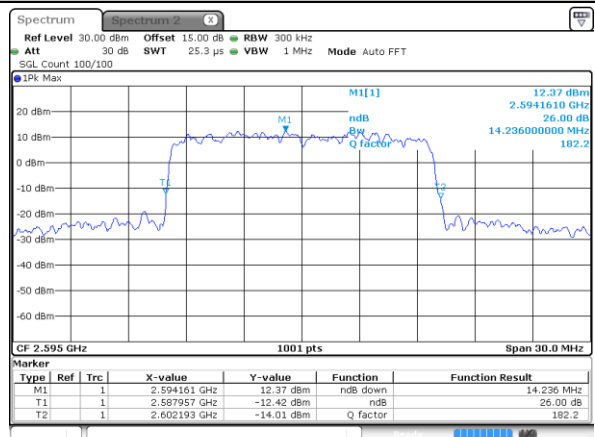
Date: 8 JAN 2026 10:29:38

Middle Channel / 15MHz / QPSK



Date: 8 JAN 2026 10:51:38

Middle Channel / 15MHz / 16QAM

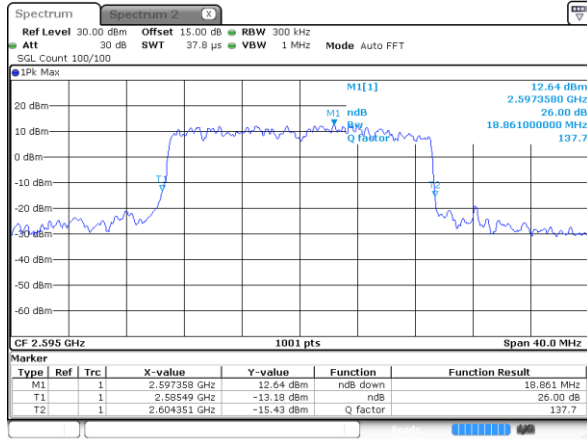


Date: 8 JAN 2026 10:52:17



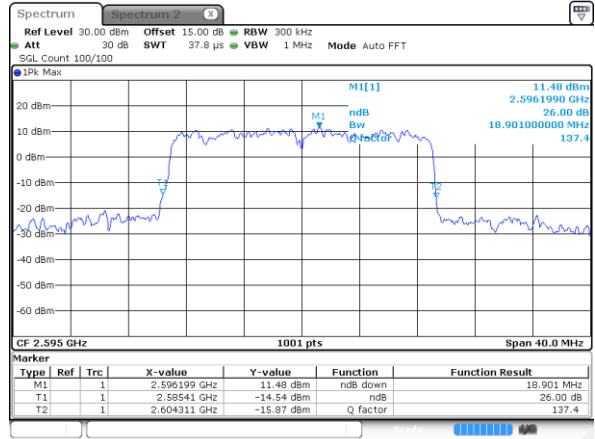
LTE Band 38

Middle Channel / 20MHz / QPSK



Date: 8 JAN 2026 11:02:01

Middle Channel / 20MHz / 16QAM



Date: 8 JAN 2026 11:02:40



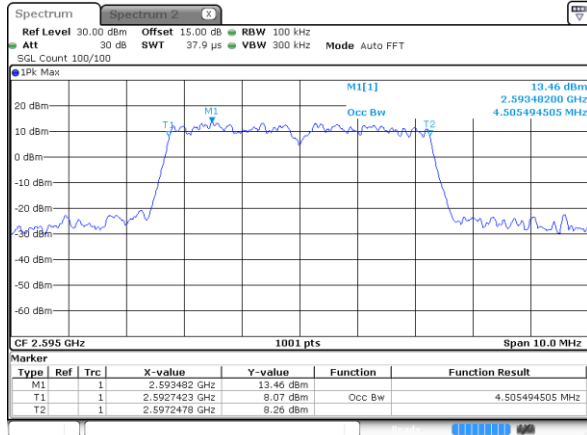
Occupied Bandwidth

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.51	4.48	8.99	9.03	13.46	13.40	17.82	17.90



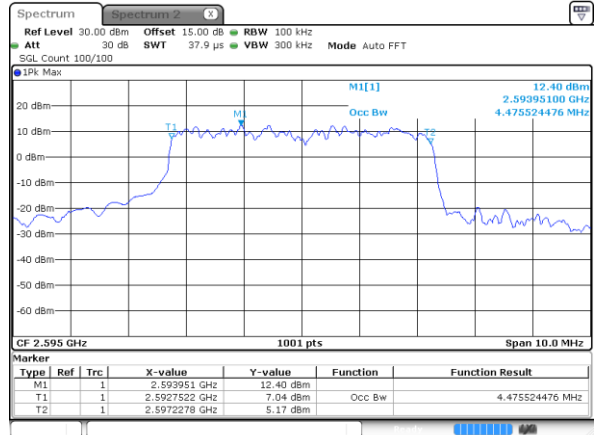
LTE Band 38

Middle Channel / 5MHz / QPSK



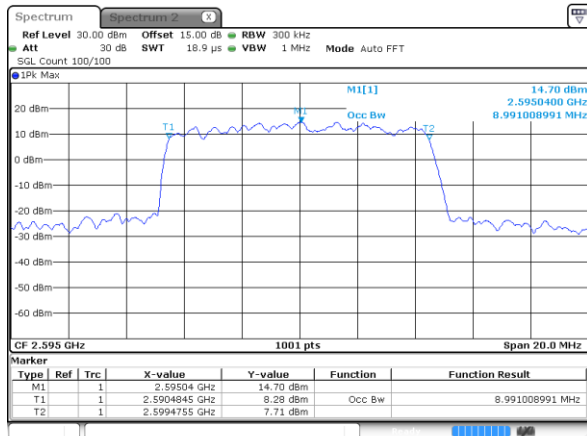
Date: 8 JAN 2026 10:18:24

Middle Channel / 5MHz / 16QAM



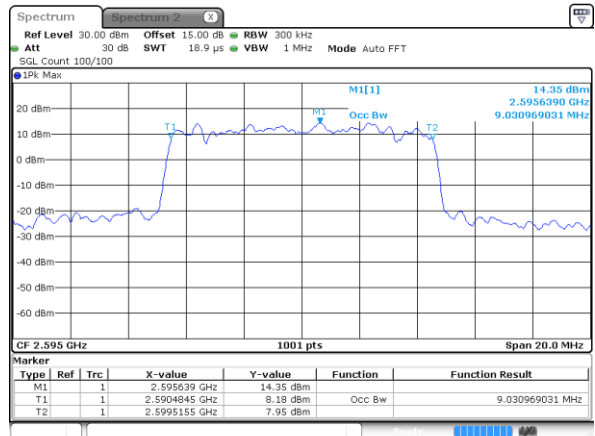
Date: 8 JAN 2026 10:19:03

Middle Channel / 10MHz / QPSK



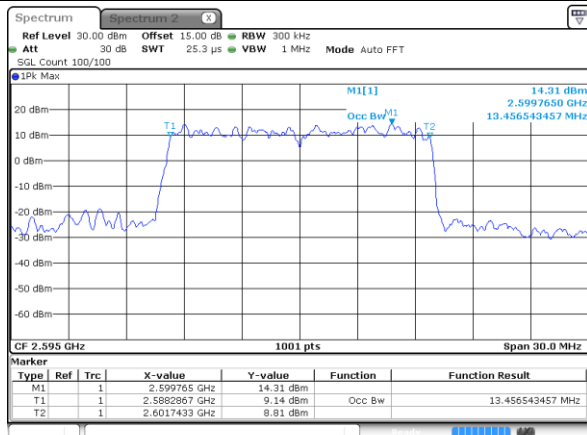
Date: 8 JAN 2026 10:28:45

Middle Channel / 10MHz / 16QAM



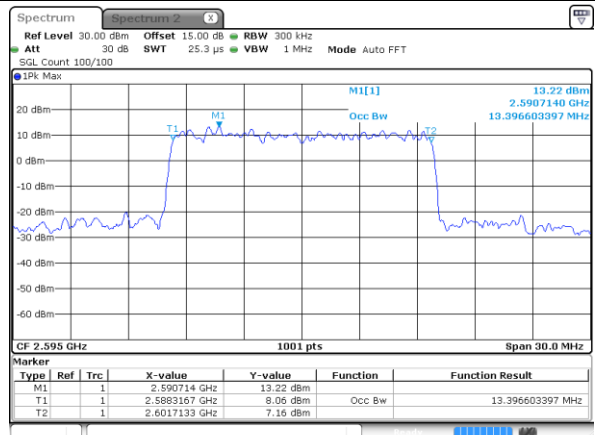
Date: 8 JAN 2026 10:29:24

Middle Channel / 15MHz / QPSK



Date: 8 JAN 2026 10:51:24

Middle Channel / 15MHz / 16QAM

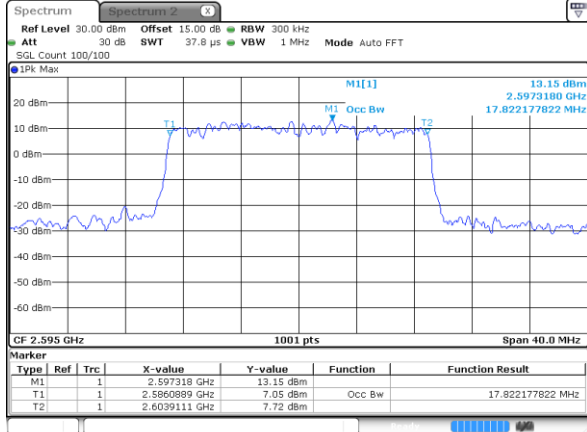


Date: 8 JAN 2026 10:52:03



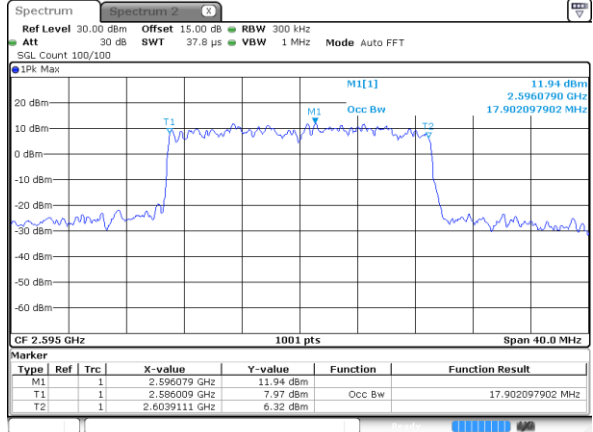
LTE Band 38

Middle Channel / 20MHz / QPSK



Date: 8 JAN 2026 11:01:47

Middle Channel / 20MHz / 16QAM



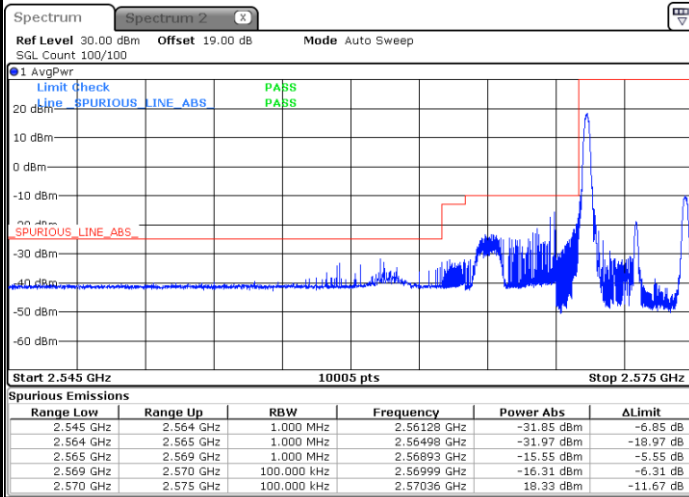
Date: 8 JAN 2026 11:02:26



Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



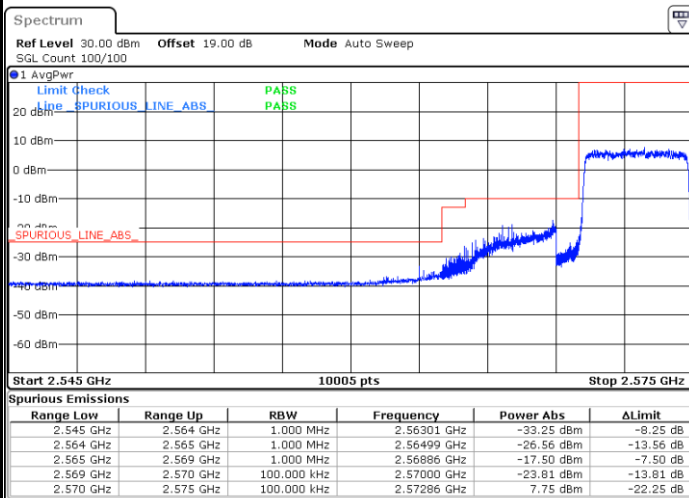
Date: 8 JAN 2026 10:14:17

Highest Band Edge / 1 RB



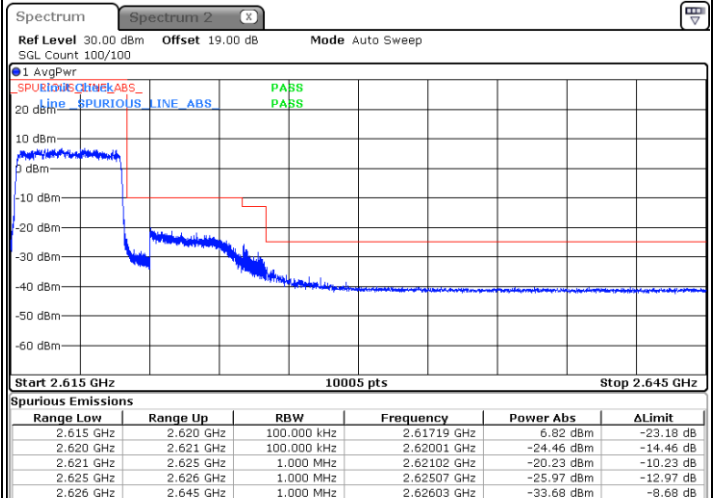
Date: 14 JAN 2026 10:31:59

Lowest Band Edge / Full RB



Date: 14 JAN 2026 10:28:14

Highest Band Edge / Full RB

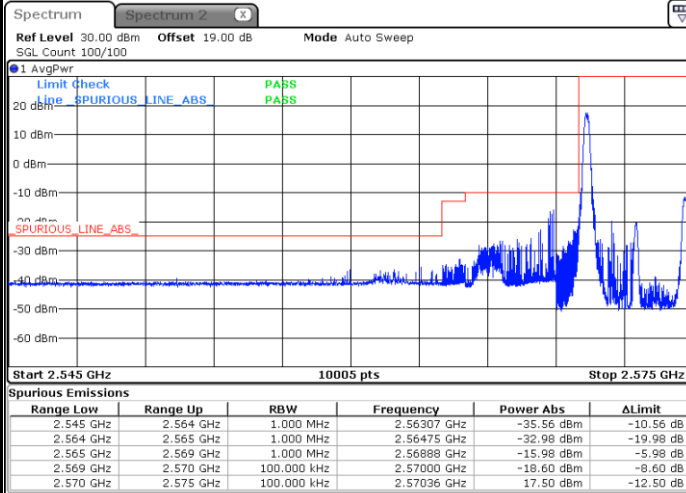


Date: 8 JAN 2026 10:20:46



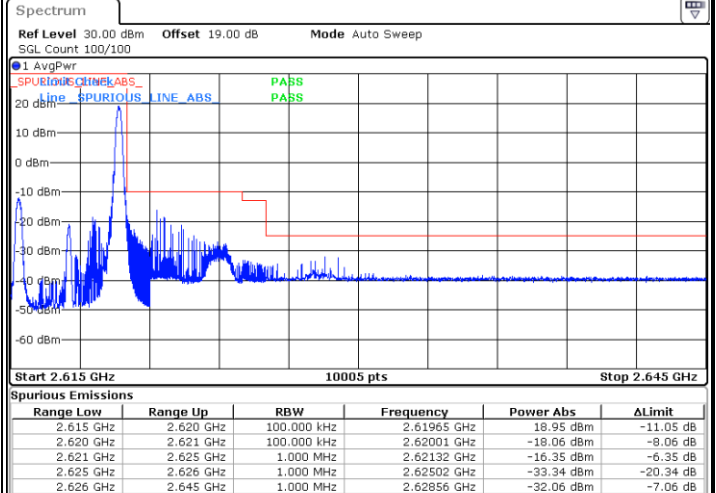
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



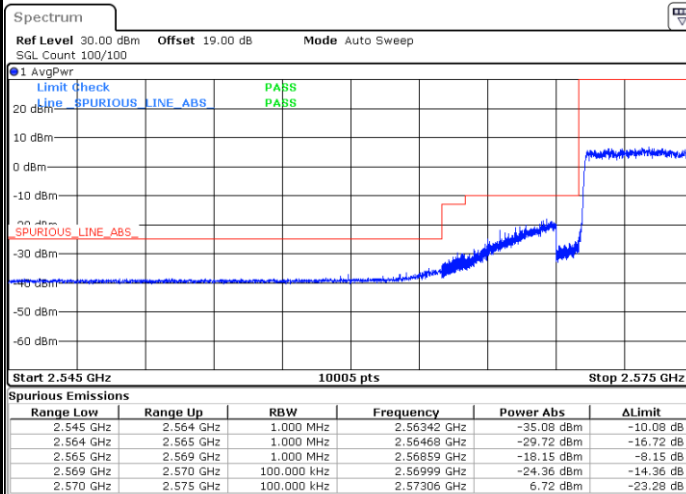
Date: 8 JAN 2026 10:14:47

Highest Band Edge / 1 RB



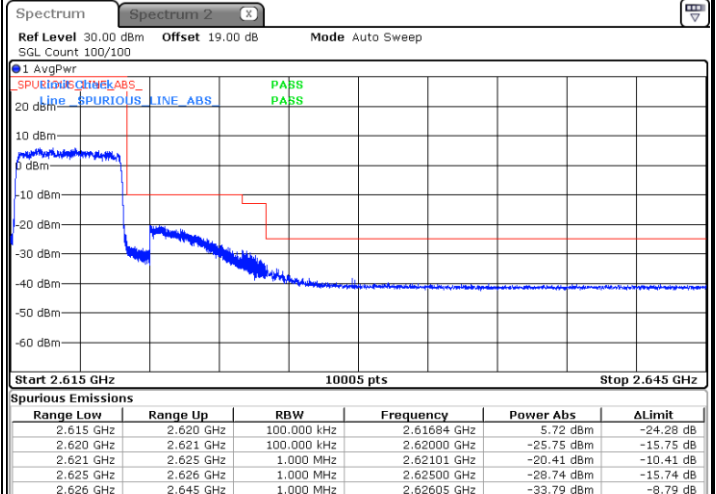
Date: 14 JAN 2026 10:29:35

Lowest Band Edge / Full RB



Date: 14 JAN 2026 10:26:35

Highest Band Edge / Full RB

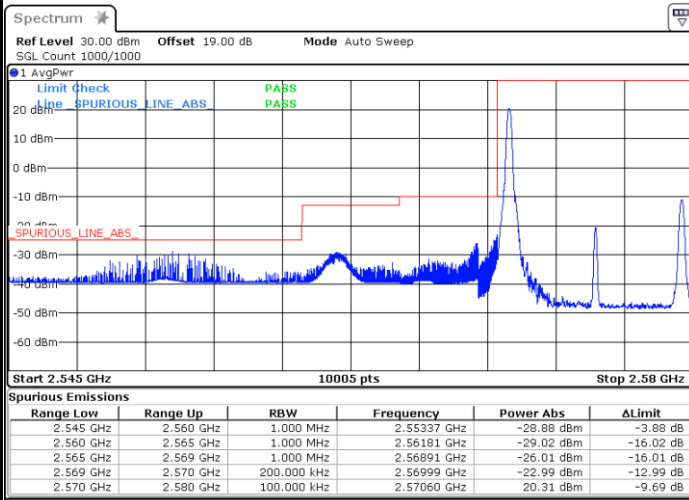


Date: 8 JAN 2026 10:21:17



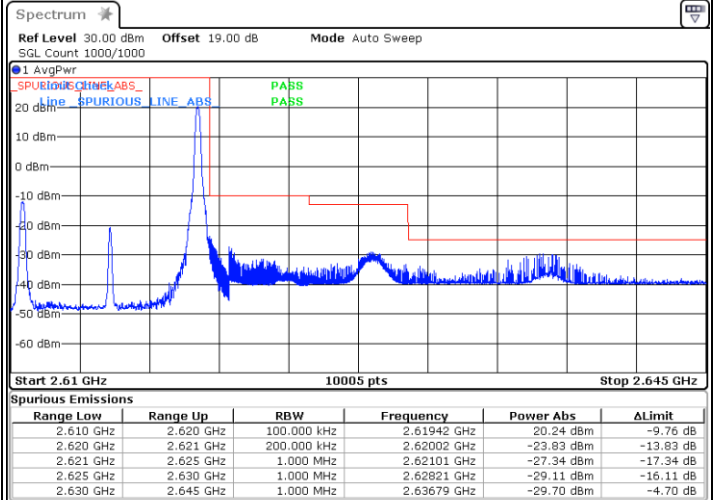
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



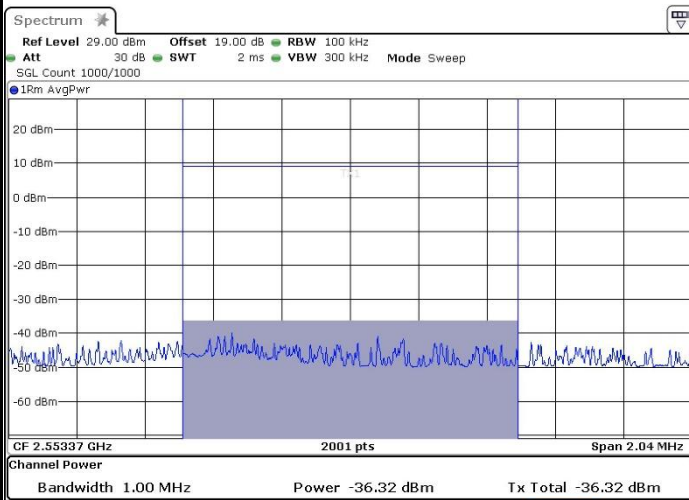
Date: 14.JAN.2026 10:39:37

Highest Band Edge / 1 RB



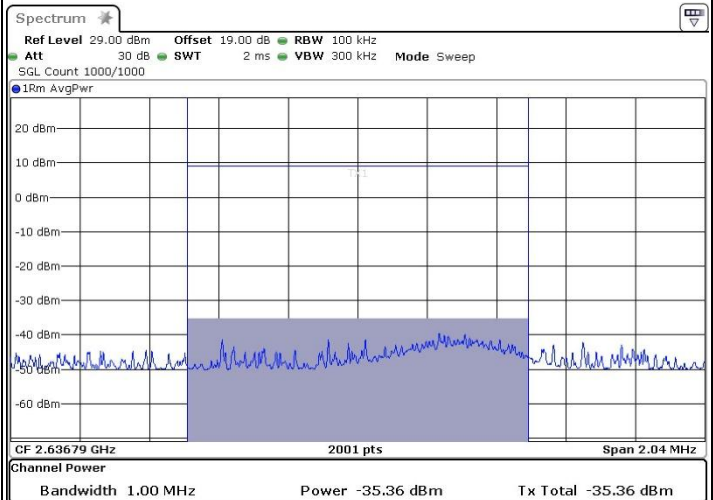
Date: 14.JAN.2026 10:50:53

Lowest Band Edge / 1 RB-CP

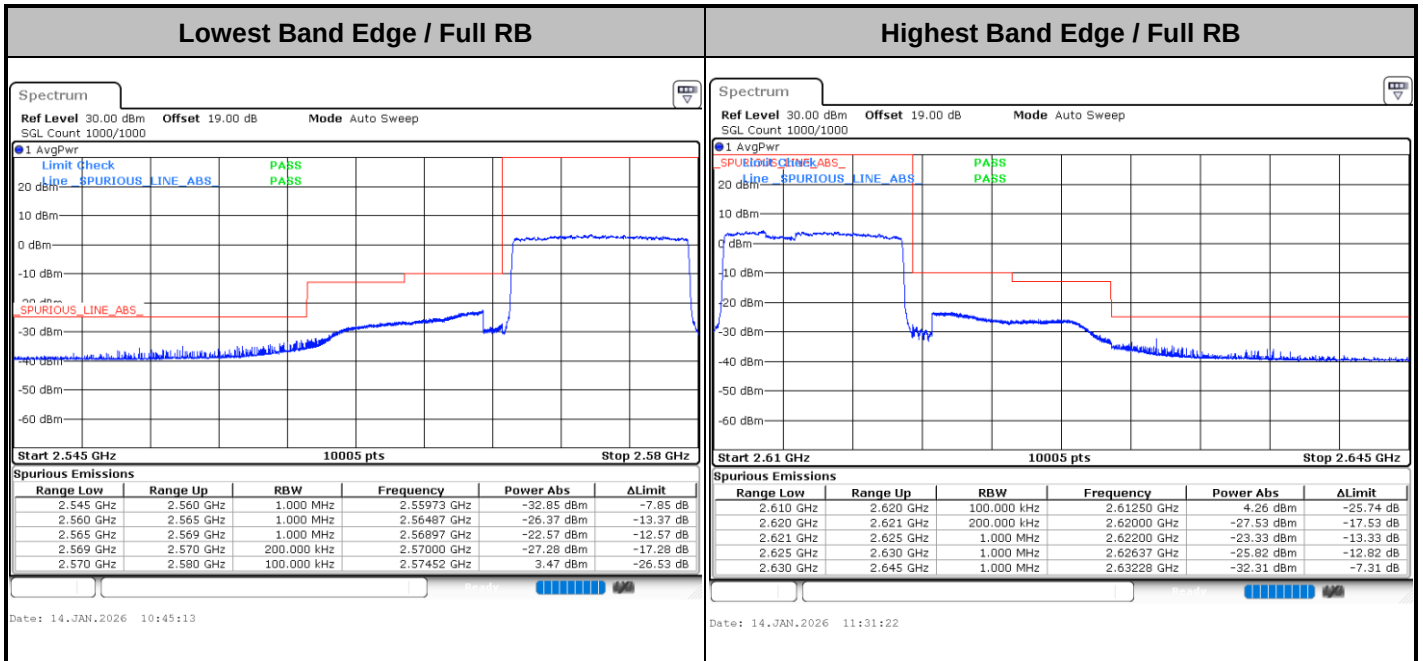


Date: 14.JAN.2026 10:40:29

Highest Band Edge / 1 RB-CP



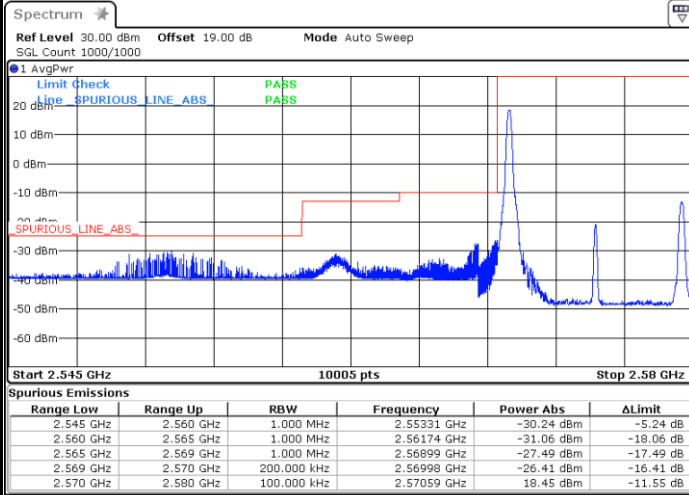
Date: 14.JAN.2026 10:51:39



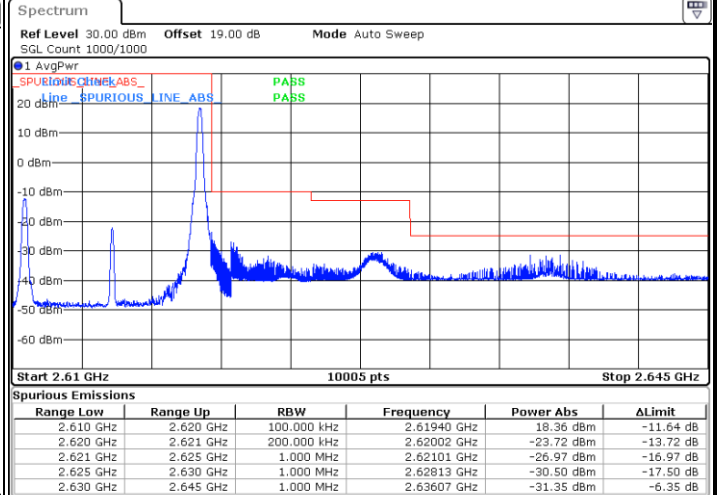


LTE Band 38 / 10MHz / 16QAM

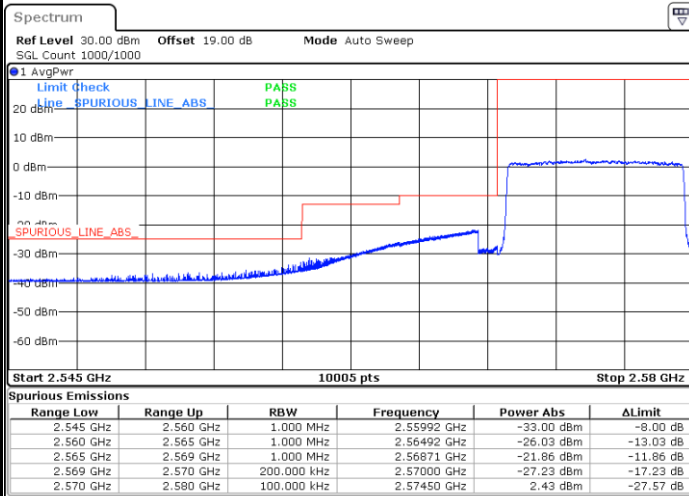
Lowest Band Edge / 1RB



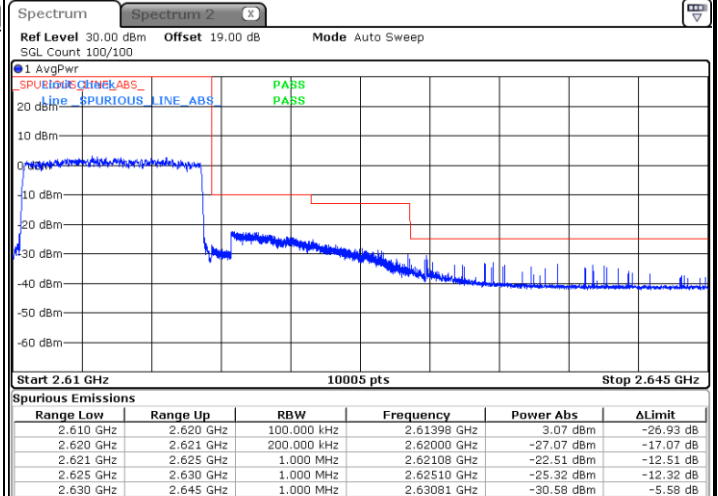
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



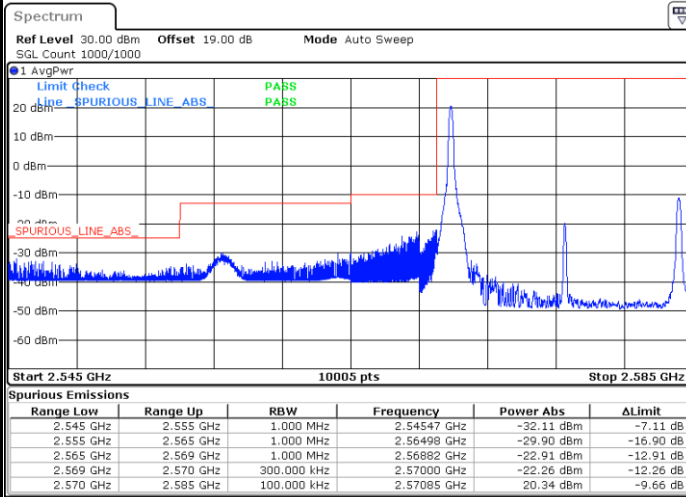
Highest Band Edge / Full RB



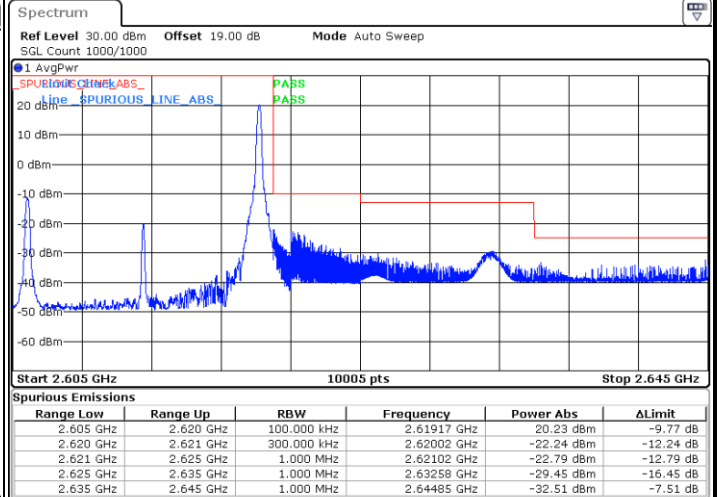


LTE Band 38 / 15MHz / QPSK

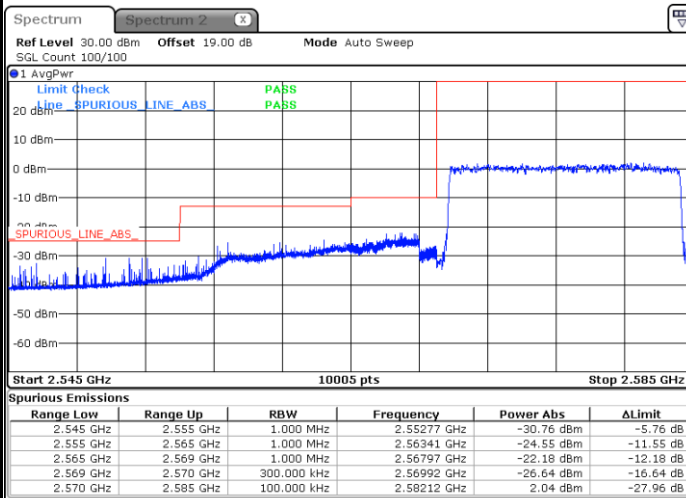
Lowest Band Edge / 1 RB



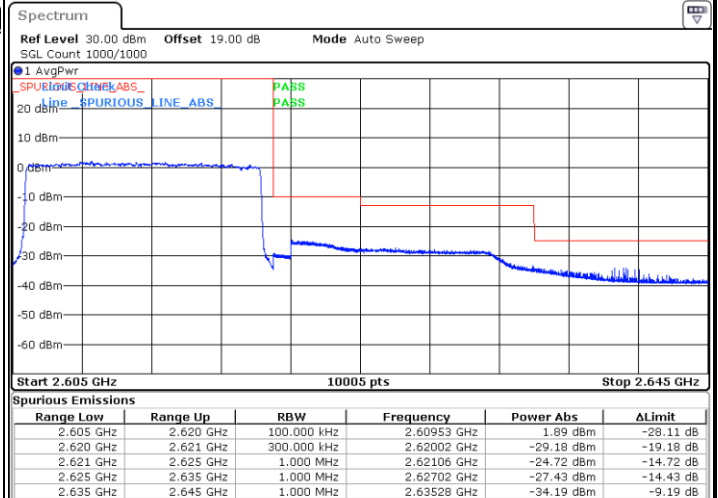
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



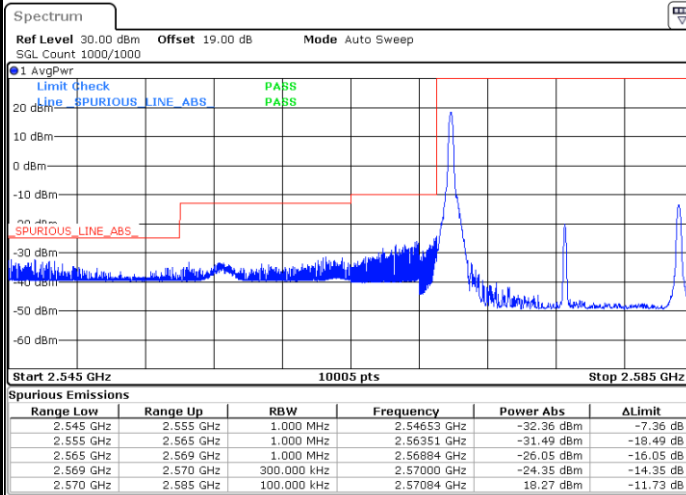
Highest Band Edge / Full RB





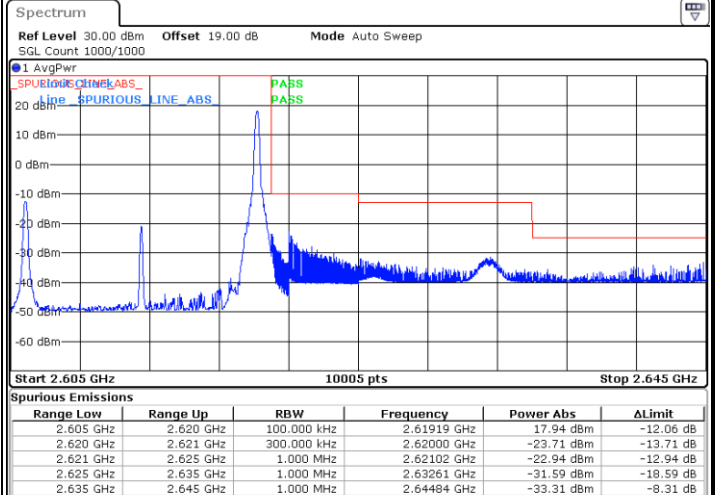
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1RB



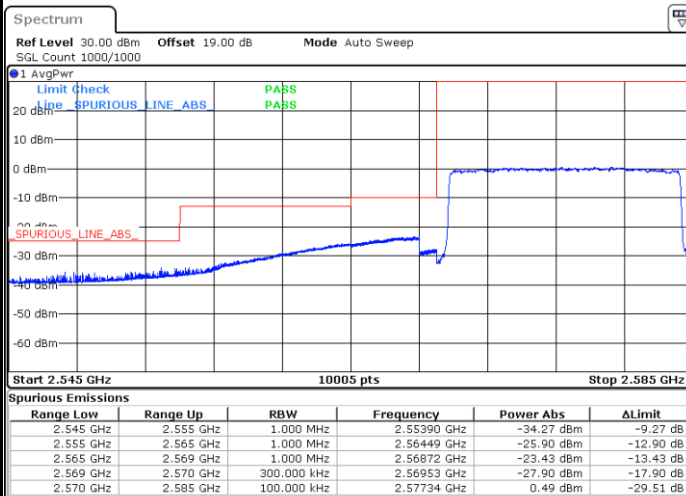
Date: 14.JAN.2026 11:34:16

Highest Band Edge / 1 RB



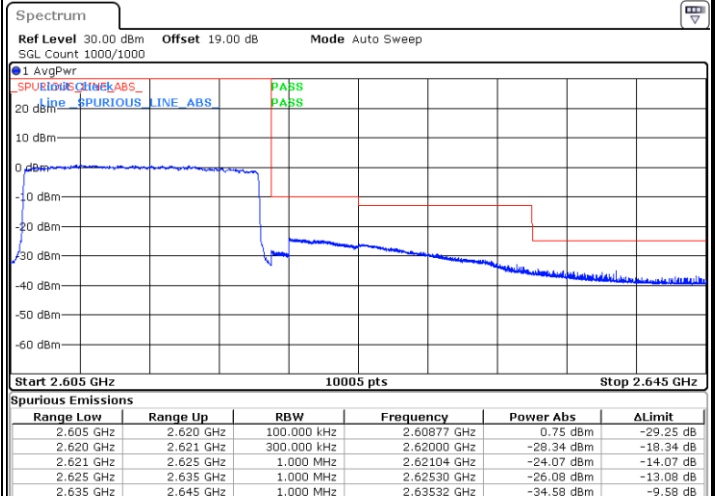
Date: 14.JAN.2026 11:38:40

Lowest Band Edge / Full RB



Date: 14.JAN.2026 11:36:56

Highest Band Edge / Full RB

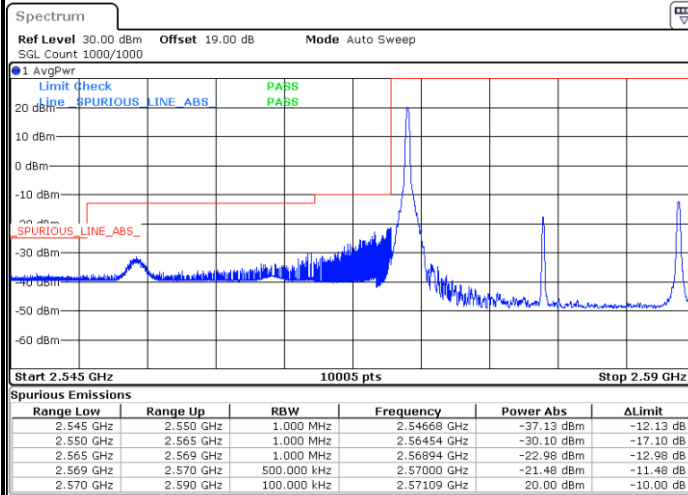


Date: 14.JAN.2026 11:43:50



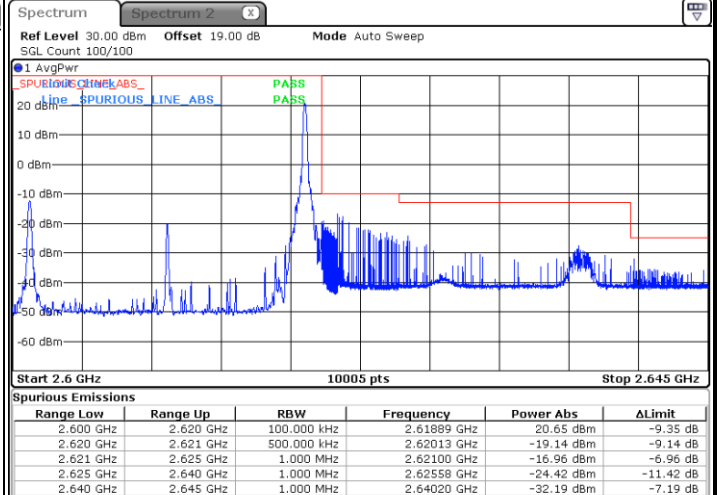
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



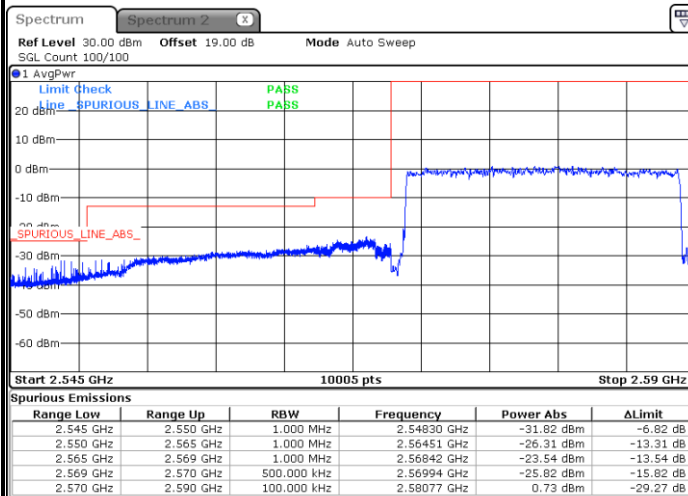
Date: 14.JAN.2026 11:46:34

Highest Band Edge / 1 RB



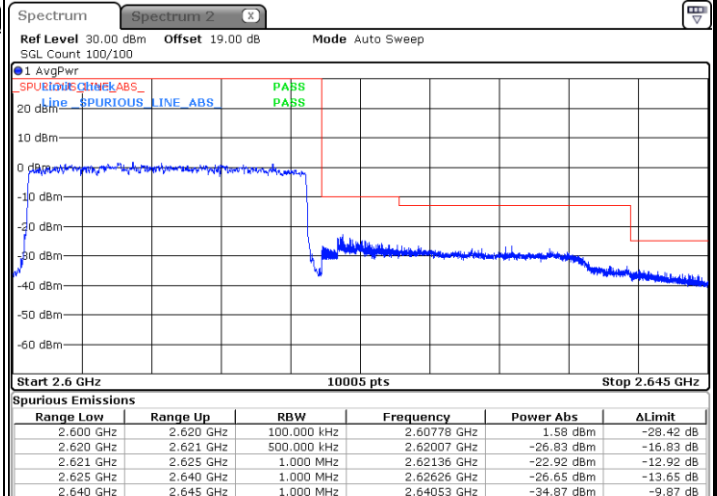
Date: 8.JAN.2026 11:04:03

Lowest Band Edge / Full RB



Date: 8.JAN.2026 10:58:41

Highest Band Edge / Full RB

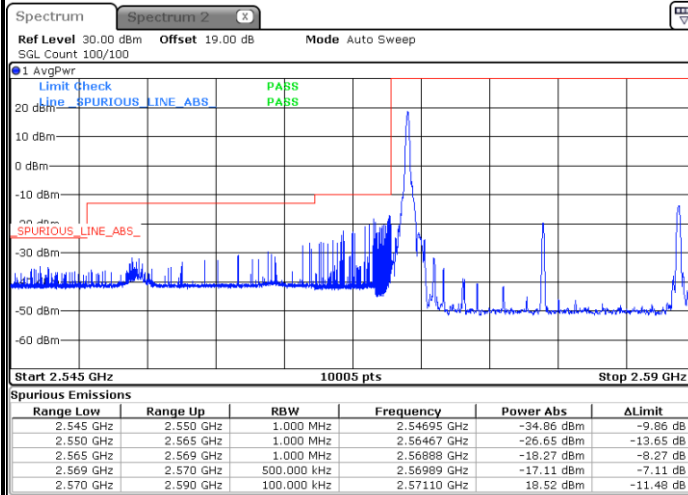


Date: 8.JAN.2026 11:05:06



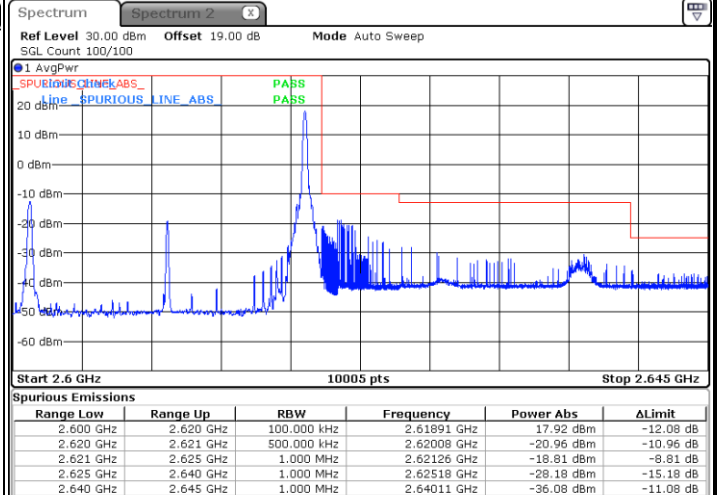
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1RB



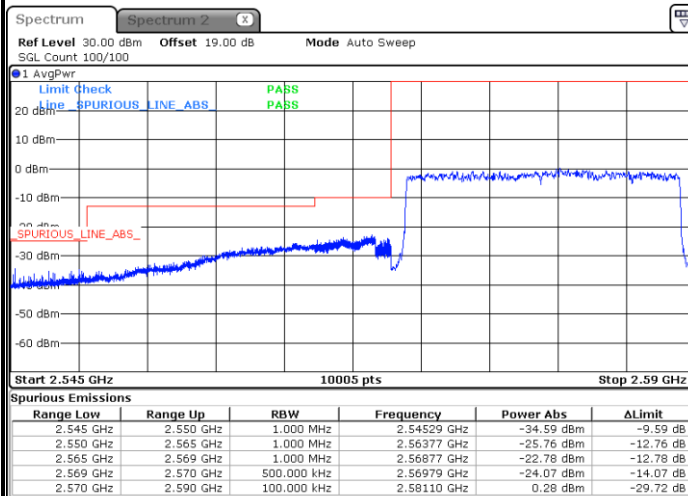
Date: 8 JAN 2026 10:58:11

Highest Band Edge / 1 RB



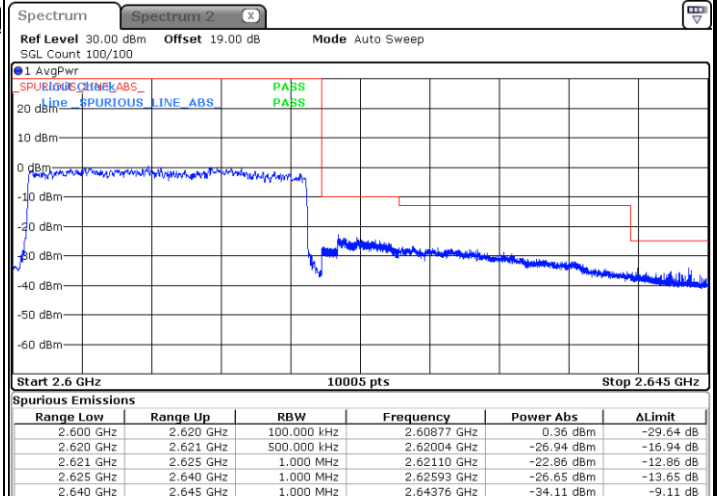
Date: 8 JAN 2026 11:04:34

Lowest Band Edge / Full RB



Date: 8 JAN 2026 10:59:11

Highest Band Edge / Full RB



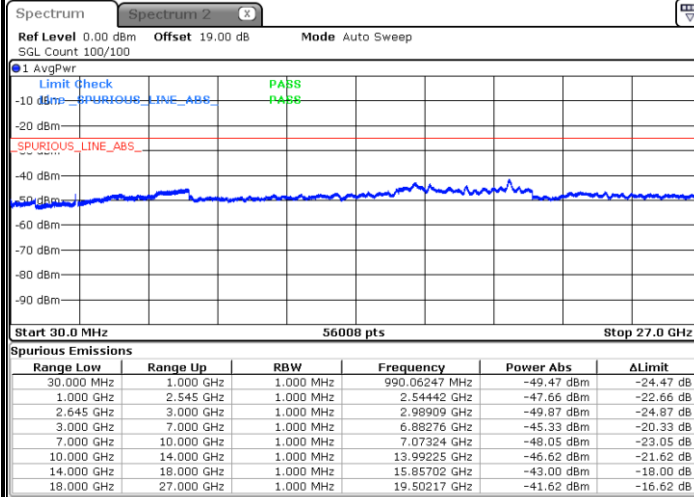
Date: 8 JAN 2026 11:05:37



Conducted Spurious Emission

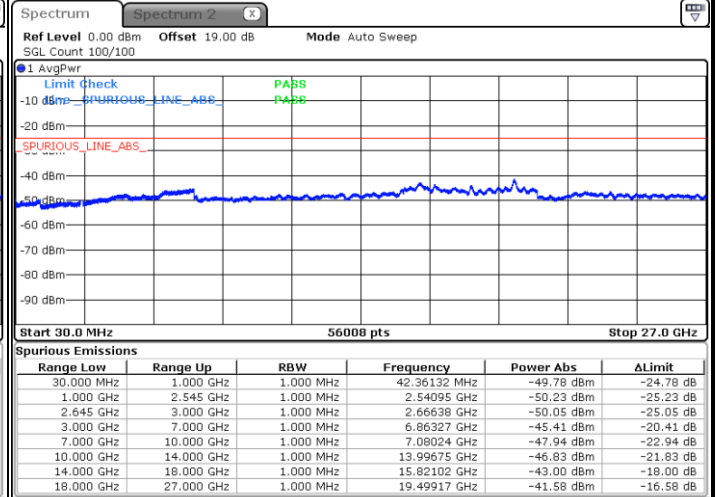
LTE Band 38 / 5MHz

Lowest Channel / QPSK



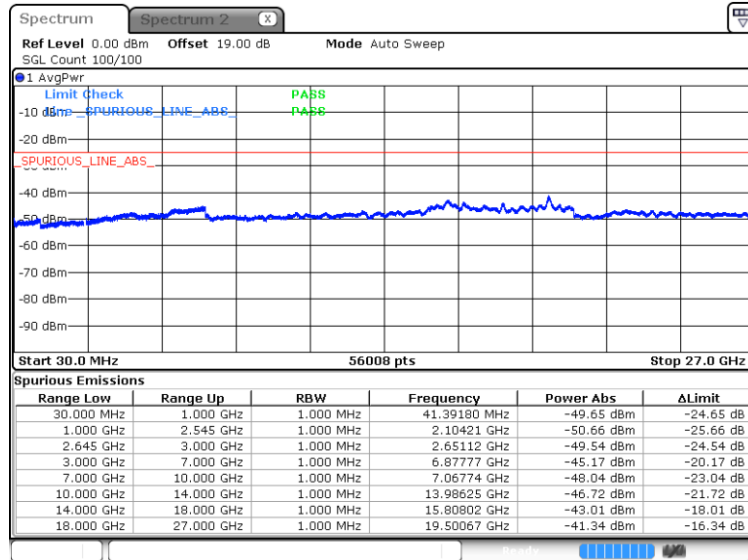
Date: 8 JAN 2026 10:16:53

Middle Channel / QPSK



Date: 8 JAN 2026 10:17:58

Highest Channel / QPSK

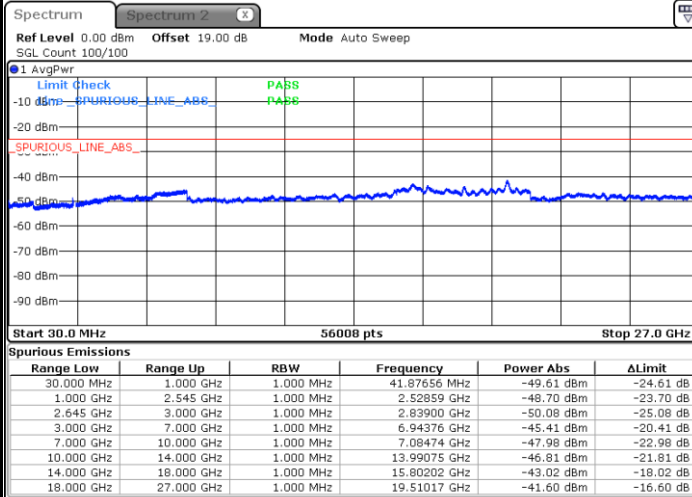


Date: 8 JAN 2026 10:22:22



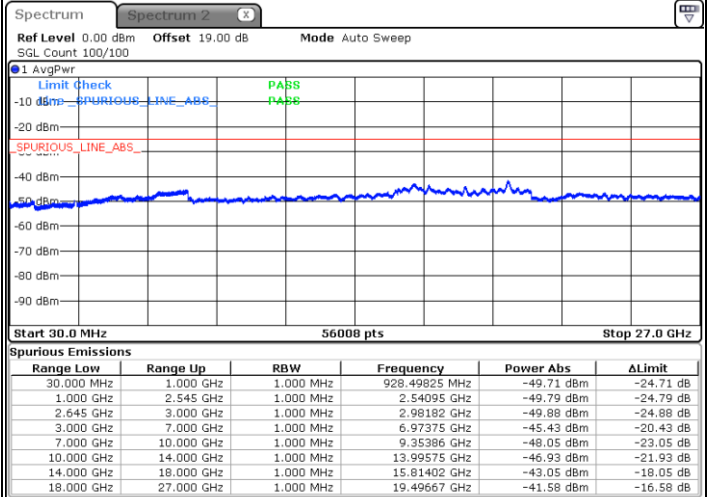
LTE Band 38 / 10MHz

Lowest Channel / QPSK



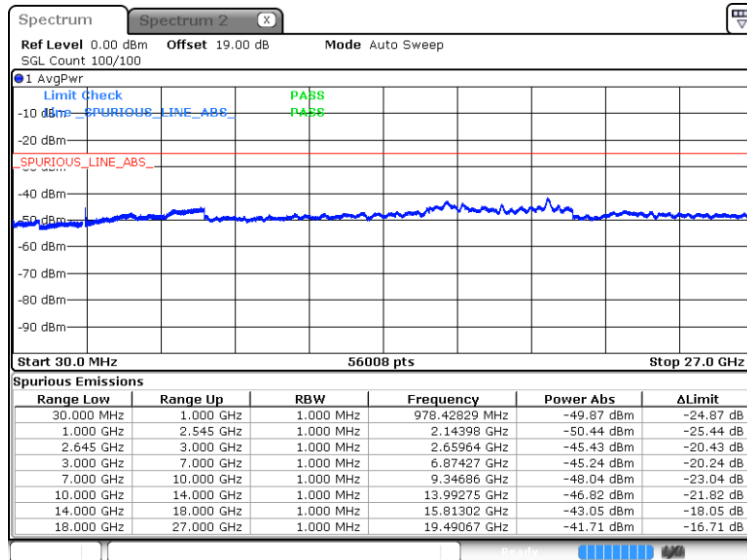
Date: 8 JAN 2026 10:27:14

Middle Channel / QPSK



Date: 8 JAN 2026 10:28:19

Highest Channel / QPSK

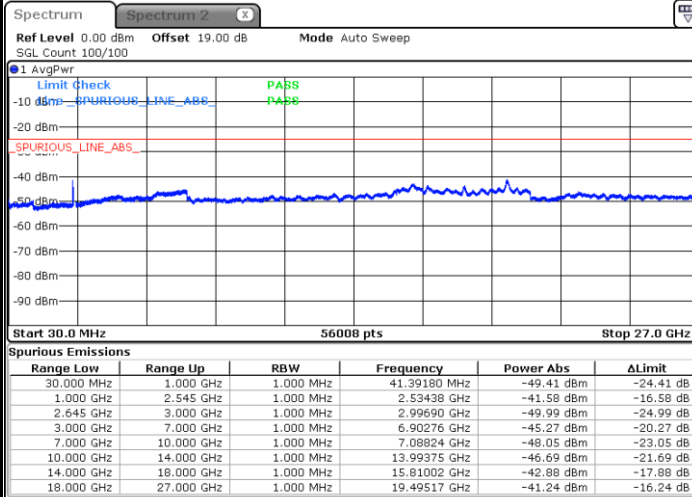


Date: 8 JAN 2026 10:32:45



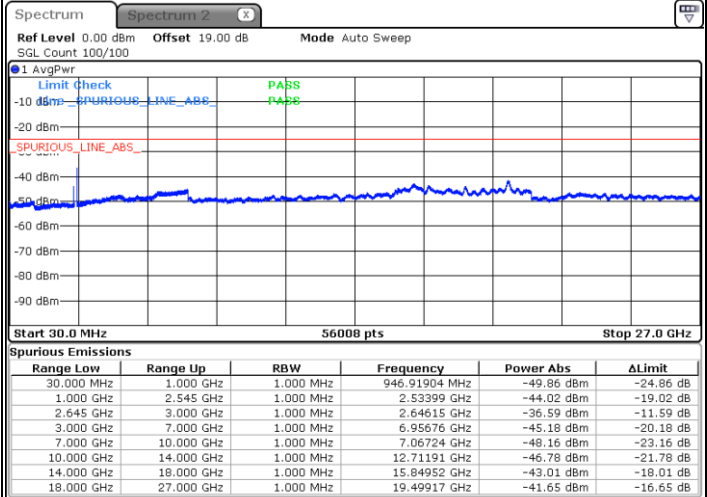
LTE Band 38 / 15MHz

Lowest Channel / QPSK



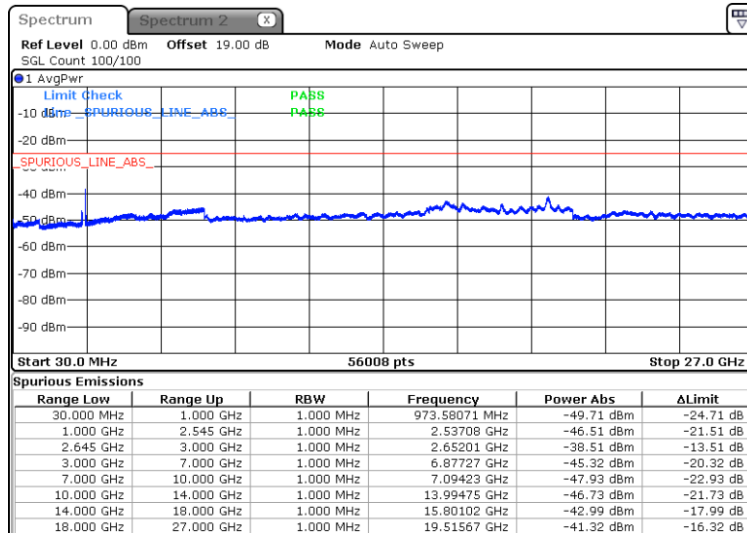
Date: 8 JAN 2026 10:49:54

Middle Channel / QPSK



Date: 8 JAN 2026 10:50:58

Highest Channel / QPSK

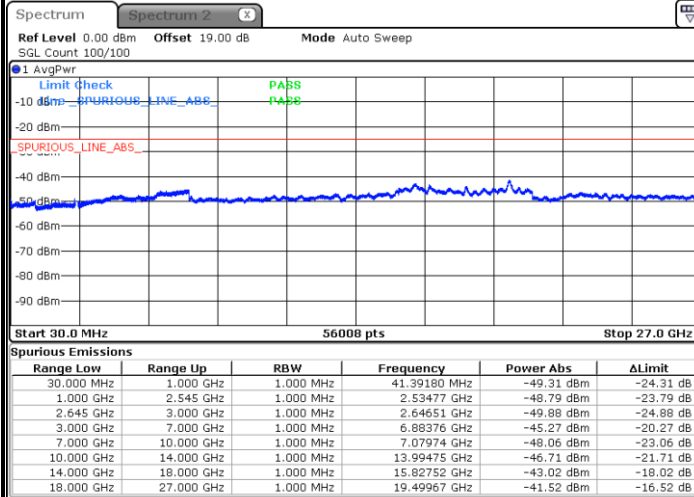


Date: 8 JAN 2026 10:55:25



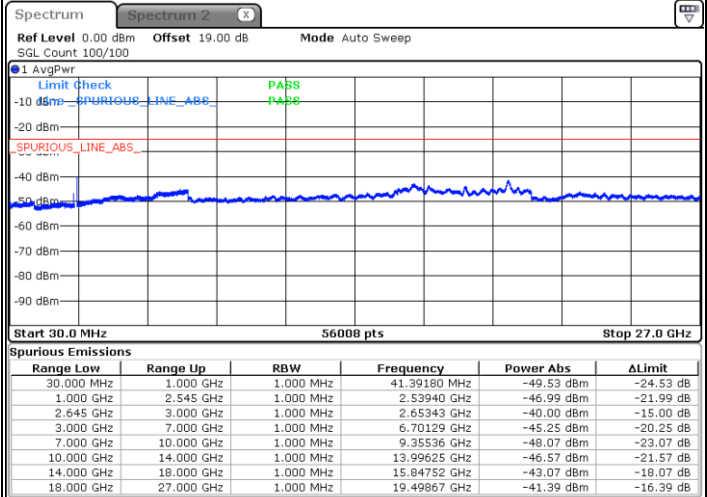
LTE Band 38 / 20MHz

Lowest Channel / QPSK



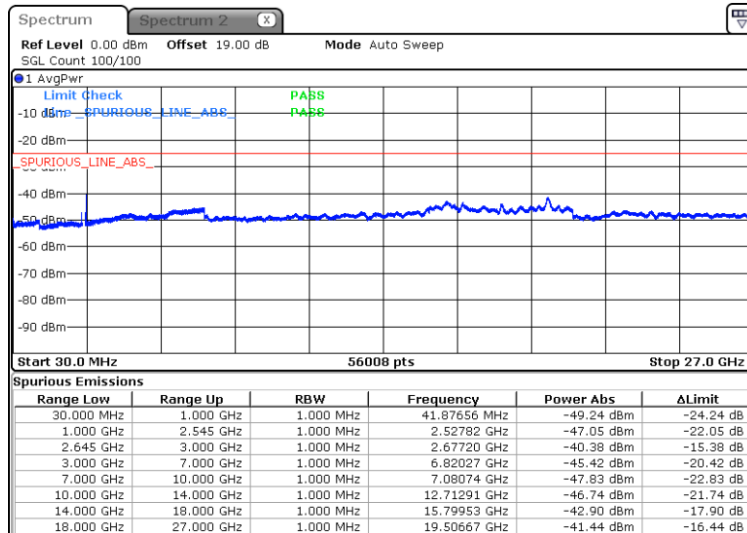
Date: 8 JAN 2026 11:00:17

Middle Channel / QPSK



Date: 8 JAN 2026 11:01:21

Highest Channel / QPSK



Date: 8 JAN 2026 11:06:42

**Frequency Stability**

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0040	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 7.8 V. ; Battery End Point (BEP) = 6 V. ; Maximum Voltage = 8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-48.80	-13	-35.80	-63.61	-55.55	5.85	12.60	H
	5613.27	-60.82	-13	-47.82	-78.77	-66.62	7.30	13.10	H
	7484.36	-55.47	-13	-42.47	-78.00	-58.62	8.35	11.50	H
	3742.18	-47.06	-13	-34.06	-62.08	-53.81	5.85	12.60	V
	5613.27	-60.64	-13	-47.64	-78.5	-66.44	7.30	13.10	V
	7484.36	-55.74	-13	-42.74	-78.2	-58.89	8.35	11.50	V

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

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-48.57	-13	-35.57	-61.29	-55.42	5.65	12.50	H
	5170.77	-61.59	-13	-48.59	-79.52	-67.26	7.13	12.80	H
	6894.36	-58.71	-13	-45.71	-79.36	-62.11	8.40	11.80	H
	3447.18	-52.49	-13	-39.49	-65.76	-59.34	5.65	12.50	V
	5170.77	-61.62	-13	-48.62	-79.5	-67.29	7.13	12.80	V
	6894.36	-58.58	-13	-45.58	-79.14	-61.98	8.40	11.80	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-39.54	-13	-26.54	-45.84	-42.79	4.00	9.40	H
	2496.27	-58.36	-13	-45.36	-68.70	-61.93	4.88	10.60	H
	3328.36	-57.40	-13	-44.40	-69.72	-62.33	5.52	12.60	H
	4160	-56.91	-13	-43.91	-72.89	-61.38	6.00	12.62	H
	1664.18	-35.47	-13	-22.47	-41.54	-38.72	4.00	9.40	V
	2496.27	-57.12	-13	-44.12	-67.80	-60.69	4.88	10.60	V
	3328.36	-49.33	-13	-36.33	-62.06	-54.26	5.52	12.60	V
	4160	-55.30	-13	-42.30	-71.45	-59.77	6.00	12.62	V

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



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-61.19	-25	-36.19	-79.03	-66.75	7.14	12.70	H
	7578.27	-55.53	-25	-30.53	-77.77	-58.83	8.30	11.60	H
	10104.36	-51.89	-25	-26.89	-78.39	-53.41	10.48	12.00	H
	5052.18	-60.77	-25	-35.77	-78.54	-66.33	7.14	12.70	V
	7578.27	-56.17	-25	-31.17	-78.21	-59.47	8.30	11.60	V
	10104.36	-52.43	-25	-27.43	-78.44	-53.95	10.48	12.00	V

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

LTE Band 38 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172.00	-56.72	-25	-31.72	-74.65	-62.28	7.14	12.70	H
	7758.00	-50.55	-25	-25.55	-73.05	-53.85	8.30	11.60	H
	10344.00	-50.81	-25	-25.81	-77.12	-52.33	10.48	12.00	H
	5172.00	-51.54	-25	-26.54	-69.42	-57.10	7.14	12.70	V
	7758.00	-46.48	-25	-21.48	-68.95	-49.78	8.30	11.60	V
	10344.00	-46.92	-25	-21.92	-73.01	-48.44	10.48	12.00	V

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

For Battery2:

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-24.87	-13	-11.87	-31.18	-28.12	4.00	9.40	H
	2509.2	-42.52	-13	-29.52	-52.83	-46.09	4.88	10.60	H
	3345.6	-46.88	-13	-33.88	-59.08	-51.81	5.52	12.60	H
	4184	-44.39	-13	-31.39	-60.40	-48.86	6.00	12.62	H
	5016	-56.39	-13	-43.39	-74.21	-59.80	7.14	12.70	H
	1672.8	-21.90	-13	-8.90	-27.93	-25.15	4.00	9.40	V
	2509.2	-41.55	-13	-28.55	-52.19	-45.12	4.88	10.60	V
	3345.6	-41.26	-13	-28.26	-53.84	-46.19	5.52	12.60	V
	4184	-40.53	-13	-27.53	-56.75	-45.00	6.00	12.62	V
	5016	-52.85	-13	-39.85	-70.59	-56.26	7.14	12.70	V

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