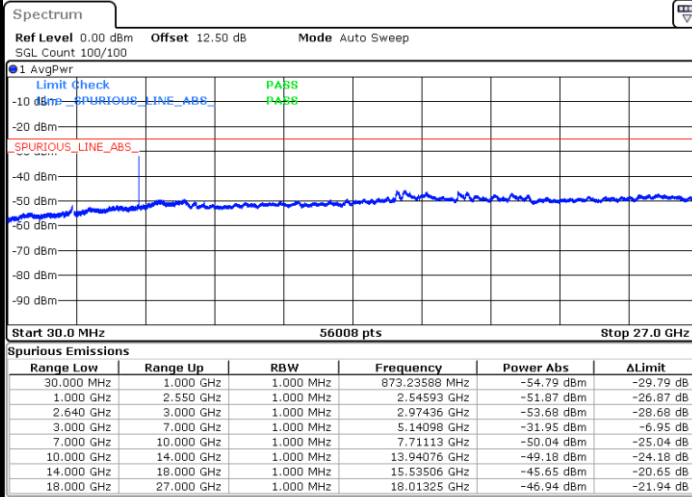




Conducted Spurious Emission

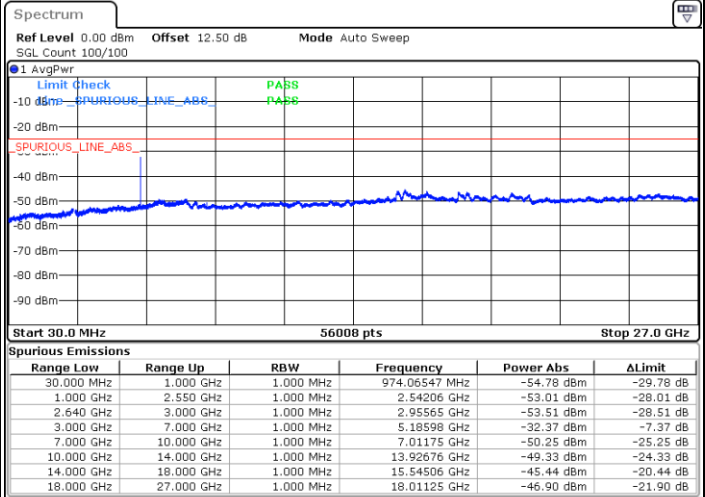
LTE Band 38 / 5MHz

Lowest Channel / QPSK



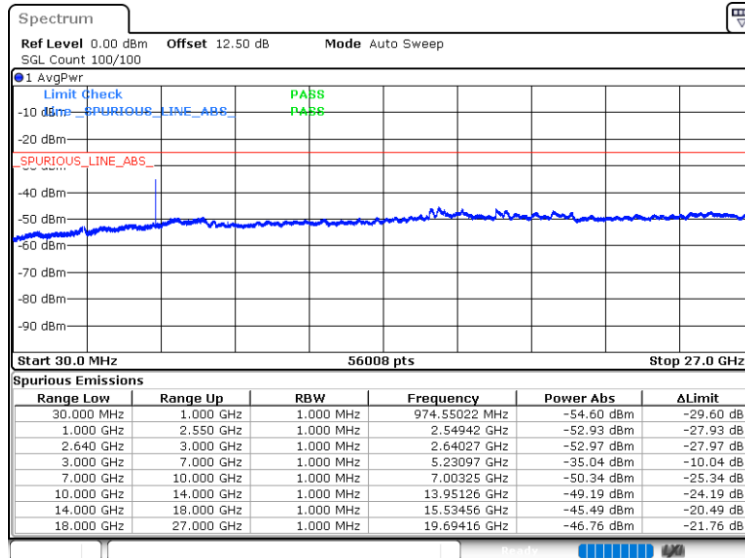
Date: 20.NOV.2025 01:14:45

Middle Channel / QPSK



Date: 20.NOV.2025 01:16:46

Highest Channel / QPSK

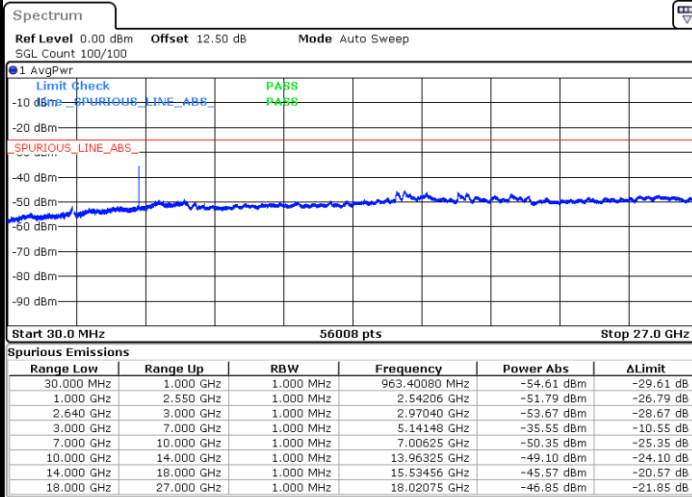


Date: 20.NOV.2025 01:18:59



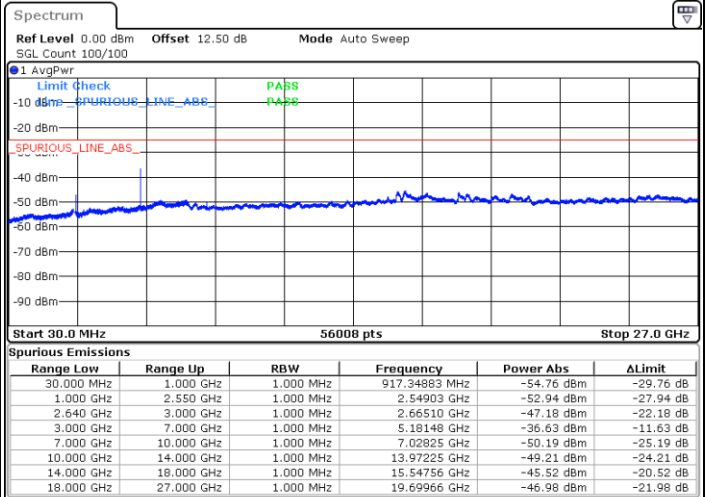
LTE Band 38 / 10MHz

Lowest Channel / QPSK



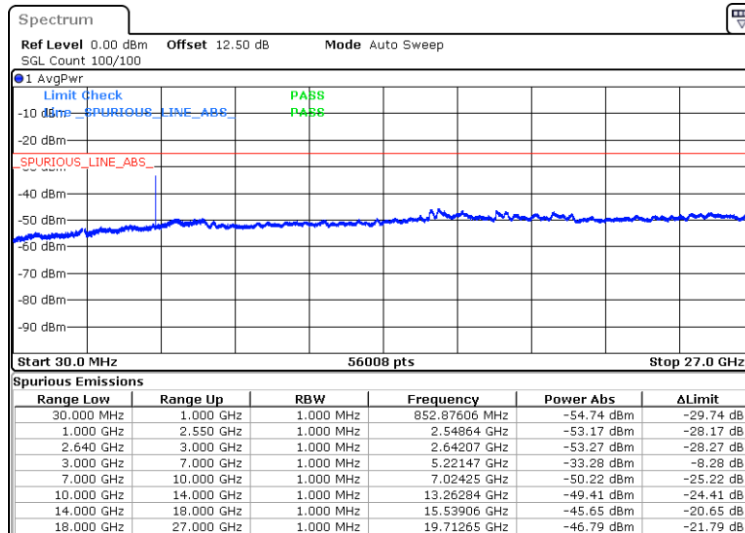
Date: 20.NOV.2025 01:21:05

Middle Channel / QPSK



Date: 20.NOV.2025 01:23:08

Highest Channel / QPSK

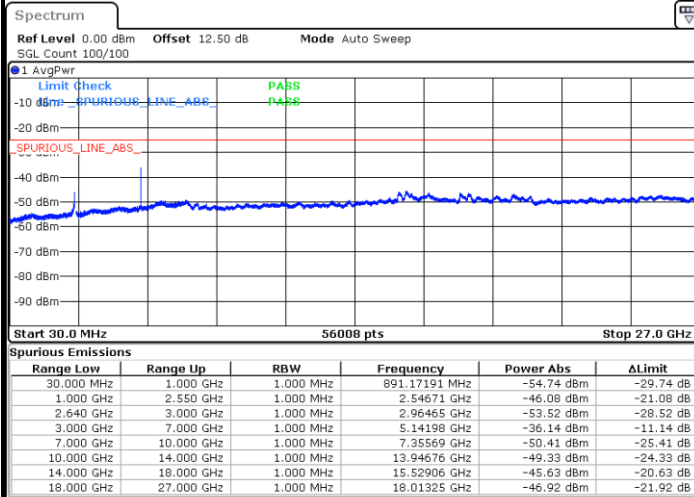


Date: 20.NOV.2025 01:25:19



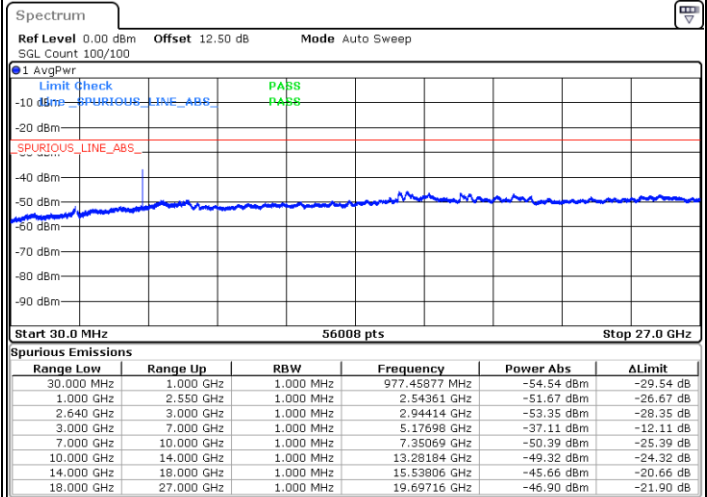
LTE Band 38 / 15MHz

Lowest Channel / QPSK



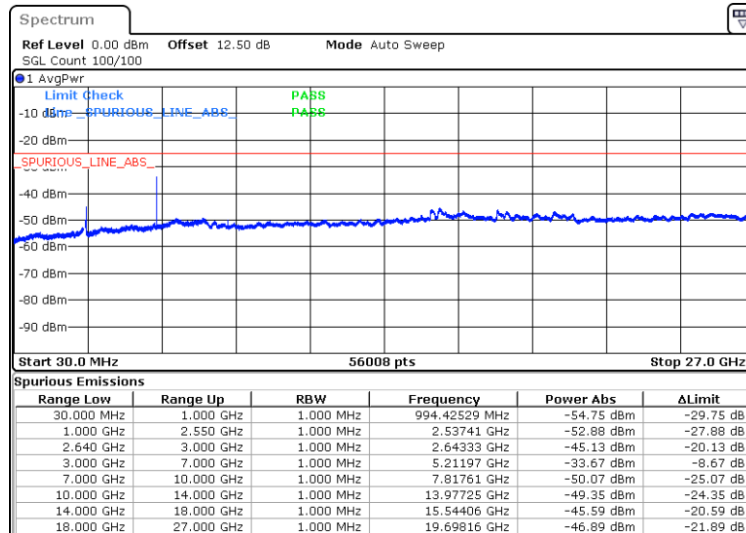
Date: 20.NOV.2025 01:27:22

Middle Channel / QPSK



Date: 20.NOV.2025 01:29:36

Highest Channel / QPSK

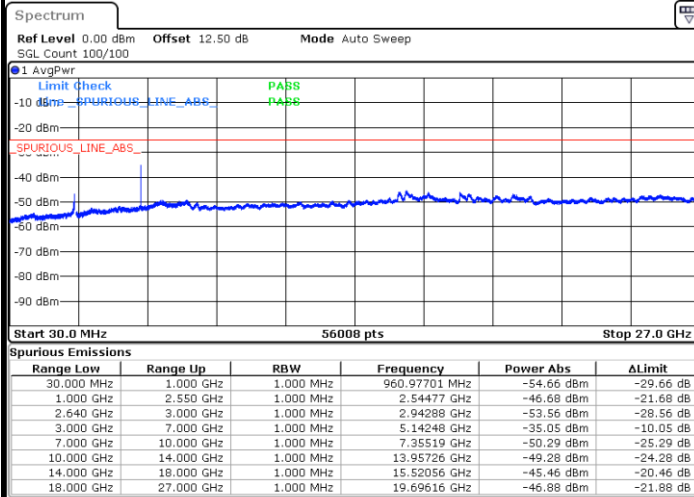


Date: 20.NOV.2025 01:31:31



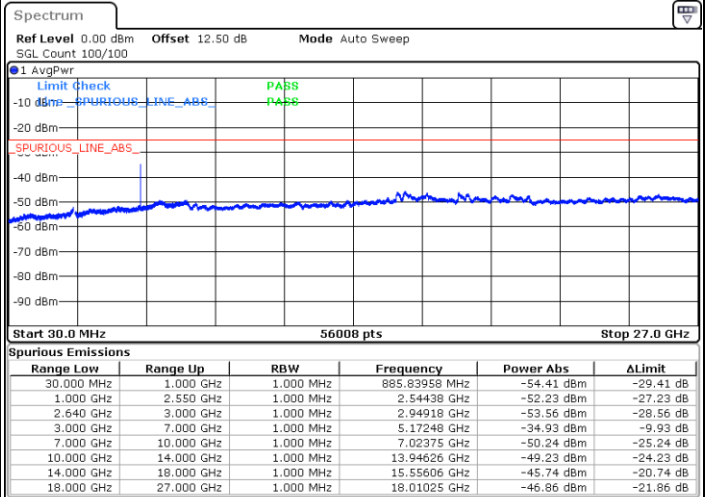
LTE Band 38 / 20MHz

Lowest Channel / QPSK



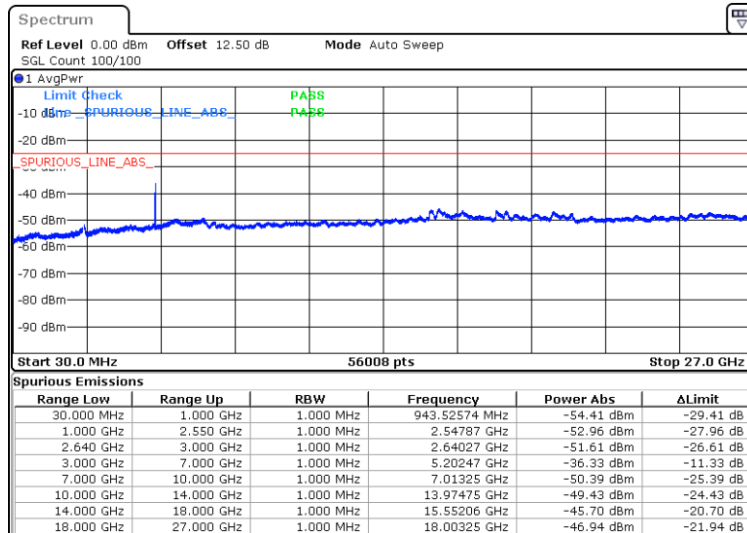
Date: 20.NOV.2025 01:33:37

Middle Channel / QPSK



Date: 20.NOV.2025 01:35:58

Highest Channel / QPSK



Date: 20.NOV.2025 01:38:05

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0032	-8.2	Yes	PASS
40	Normal Voltage	0.0035	-9.2	Yes	
30	Normal Voltage	0.0017	-4.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0054	-14.1	Yes	
0	Normal Voltage	0.0005	-1.2	Yes	
-10	Normal Voltage	0.0005	-1.2	Yes	
-20	Normal Voltage	0.0035	-9	Yes	
-30	Normal Voltage	0.0002	-0.4	Yes	
20	Maximum Voltage	0.0016	-4.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0032	-8.4	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 41

Peak-to-Average Ratio

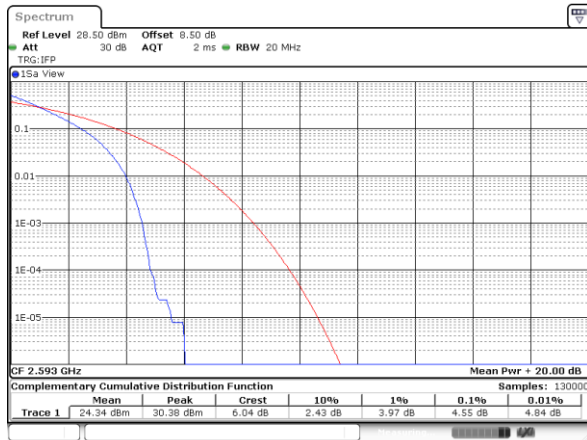
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.55	5.45	6.43	6.67	PASS

Mode	LTE Band 41 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.87	5.33	PASS
Mode	LTE Band 41 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.58	5.51	PASS
Mode	LTE Band 41 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.81	5.48	PASS



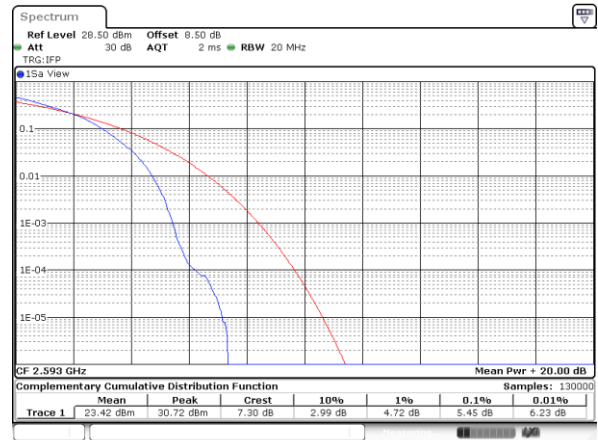
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



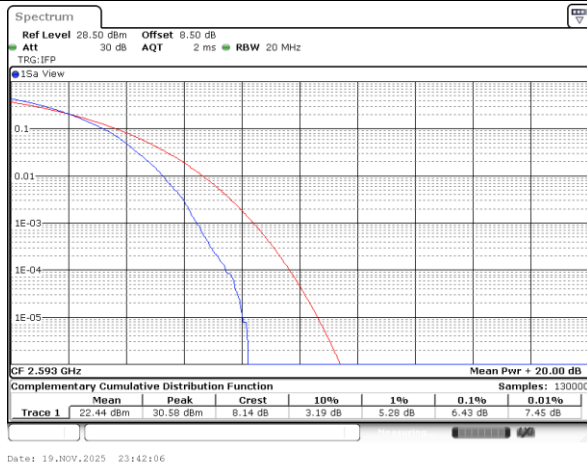
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



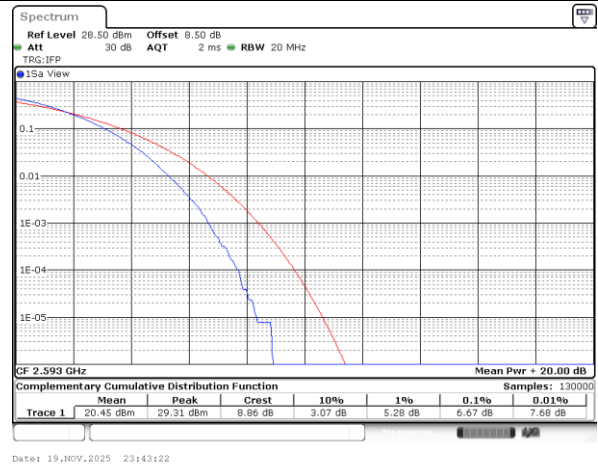
LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 256QAM

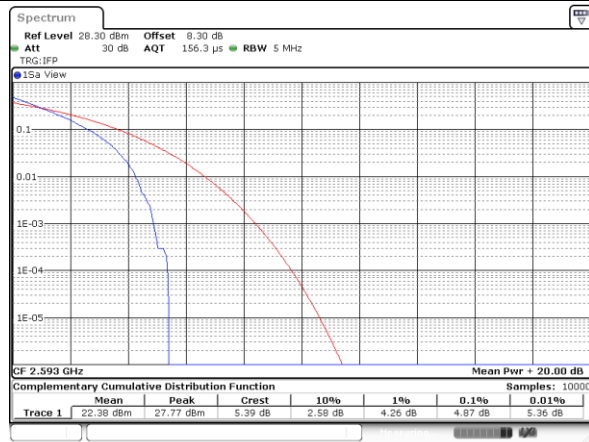
Middle Channel / Full RB





LTE Band 41 / 5MHz / QPSK

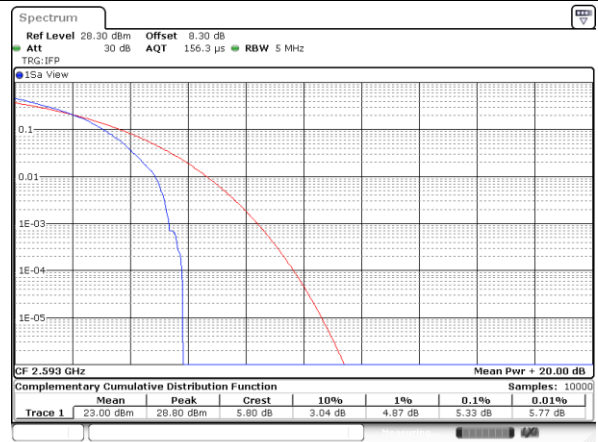
Middle Channel / Full RB



Date: 26.MAY.2026 15:54:22

LTE Band 41 / 5MHz / 16QAM

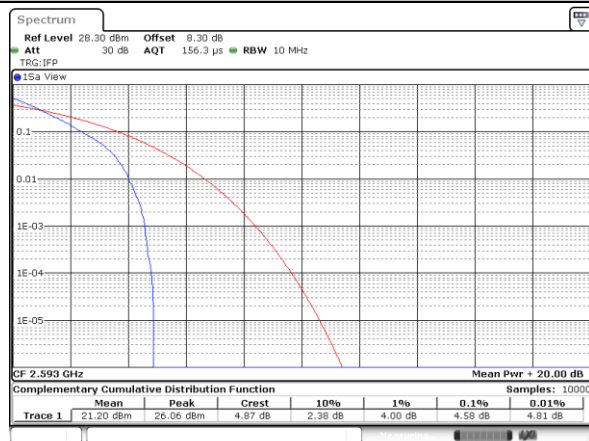
Middle Channel / Full RB



Date: 26.MAY.2026 15:53:48

LTE Band 41 / 10MHz / QPSK

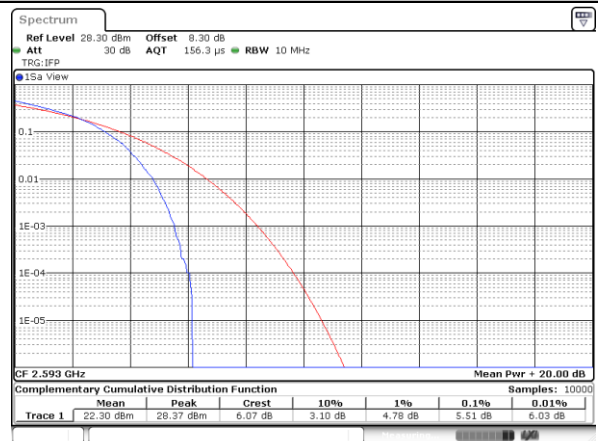
Middle Channel / Full RB



Date: 26.MAY.2026 15:55:32

LTE Band 41 / 10MHz / 16QAM

Middle Channel / Full RB

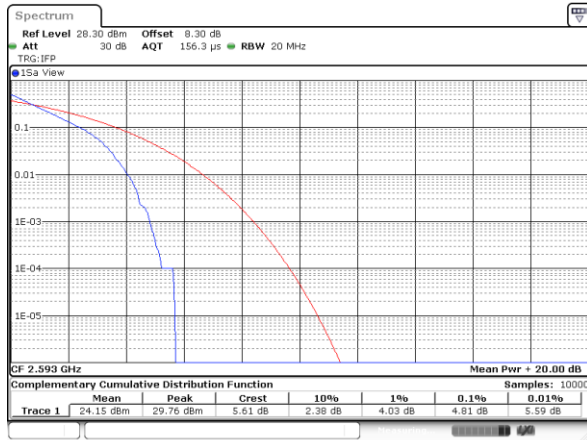


Date: 26.MAY.2026 15:54:57



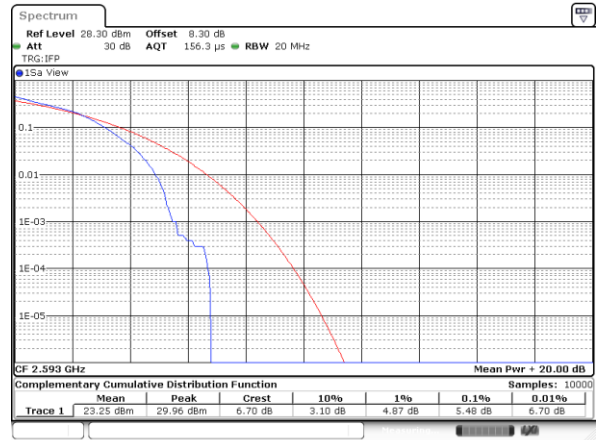
LTE Band 41 / 15MHz / QPSK

Middle Channel / Full RB



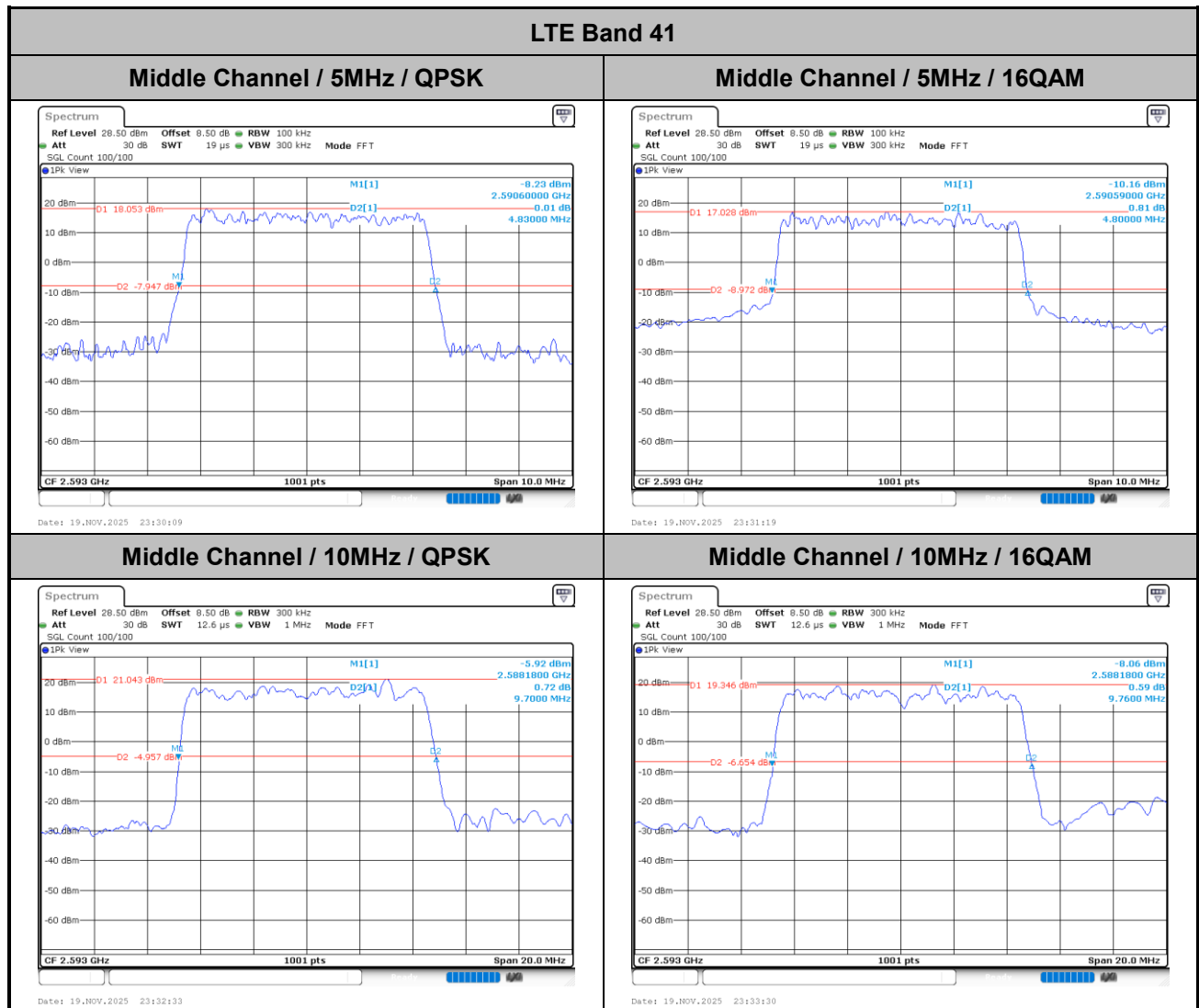
LTE Band 41 / 15MHz / 16QAM

Middle Channel / Full RB



**26dB Bandwidth**

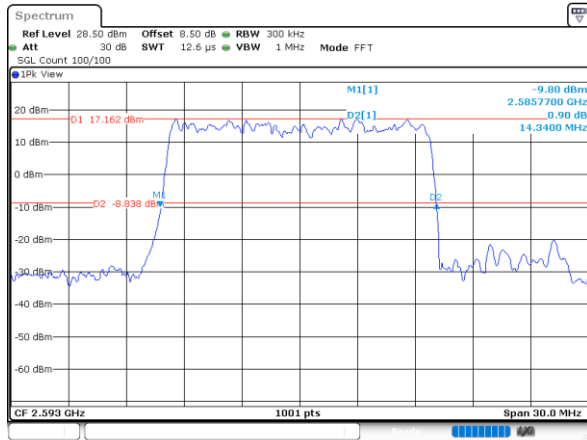
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.83	4.80	9.70	9.76	14.34	14.25	18.96	19.28



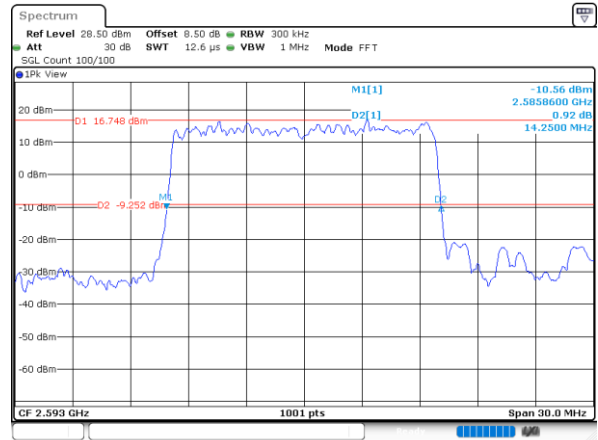


LTE Band 41

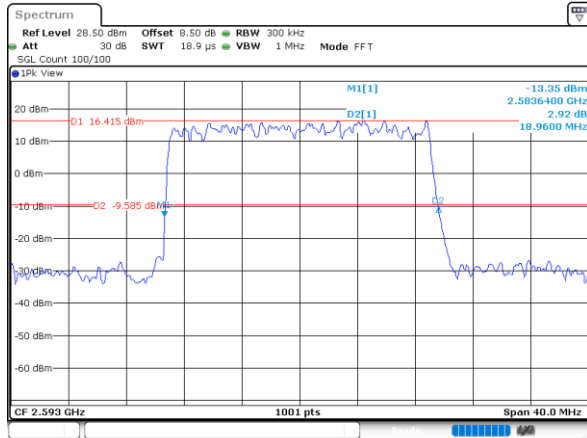
Middle Channel / 15MHz / QPSK



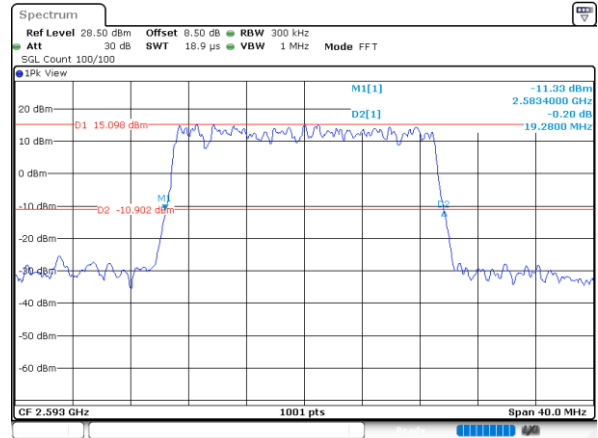
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



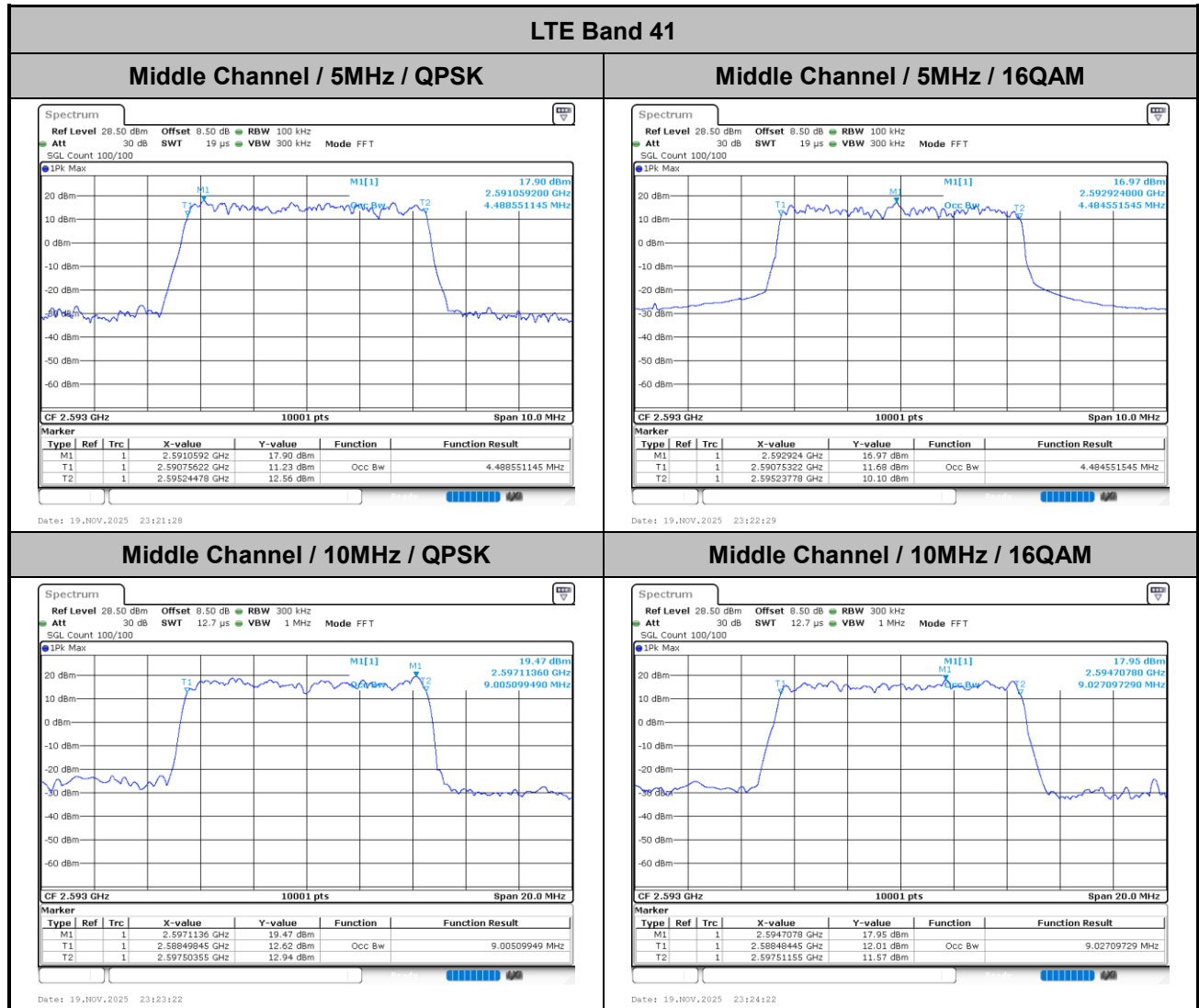
Middle Channel / 20MHz / 16QAM





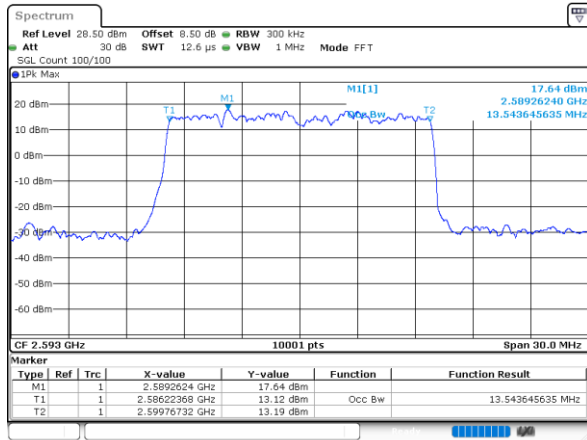
Occupied Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.48	4.48	9.00	9.02	13.54	13.44	17.93	17.91

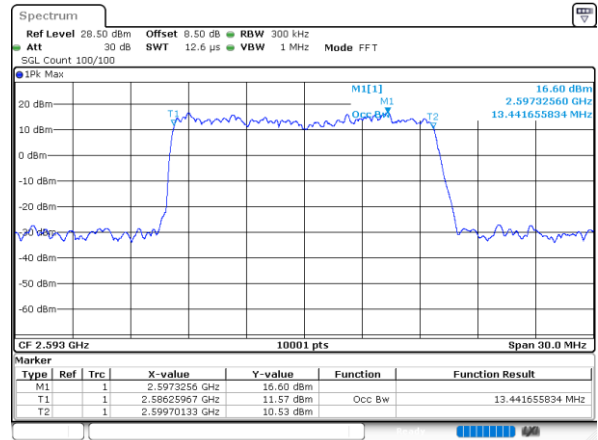


LTE Band 41

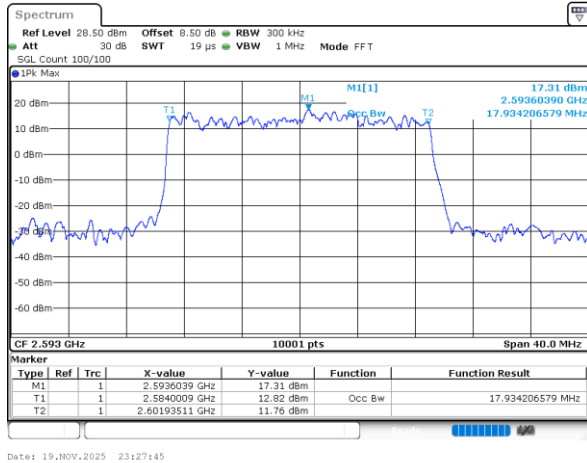
Middle Channel / 15MHz / QPSK



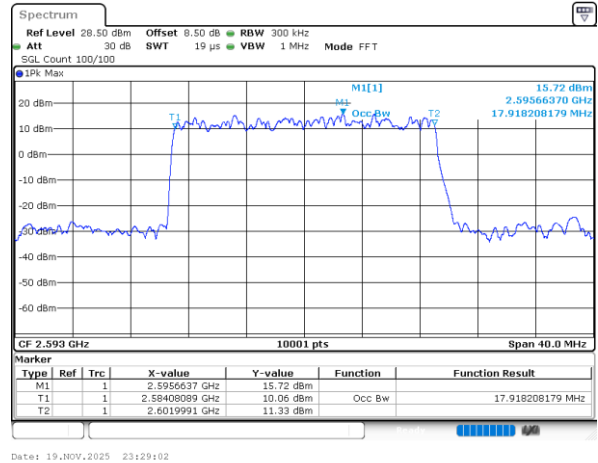
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

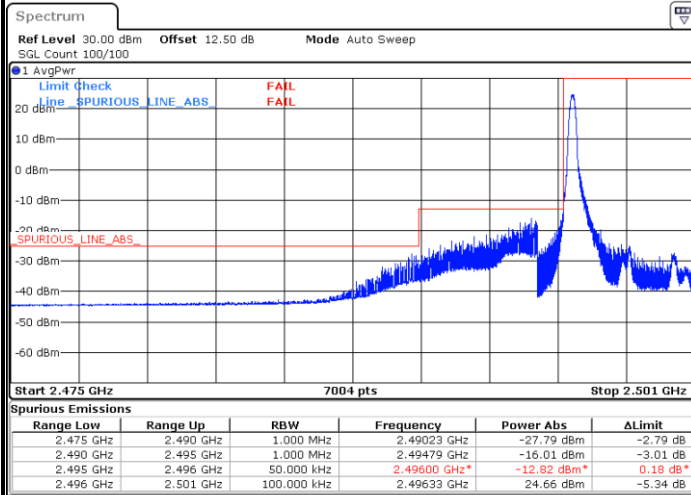




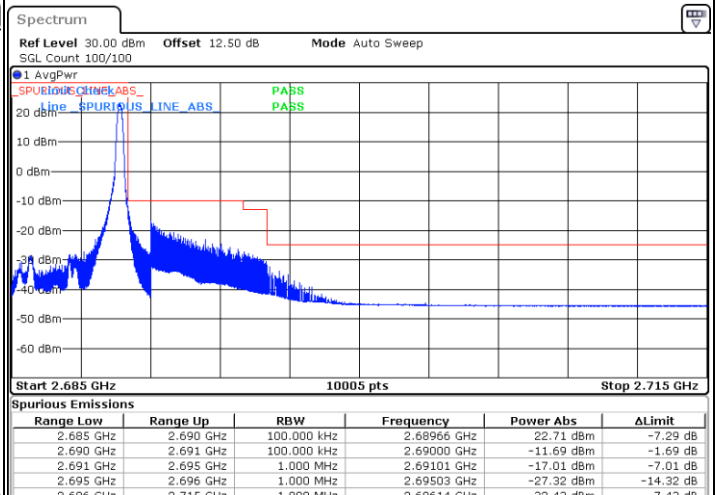
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

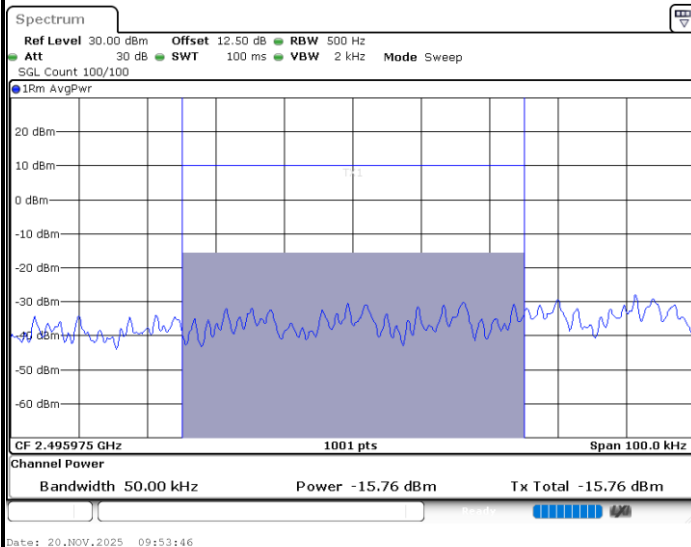
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Conducted Power verify

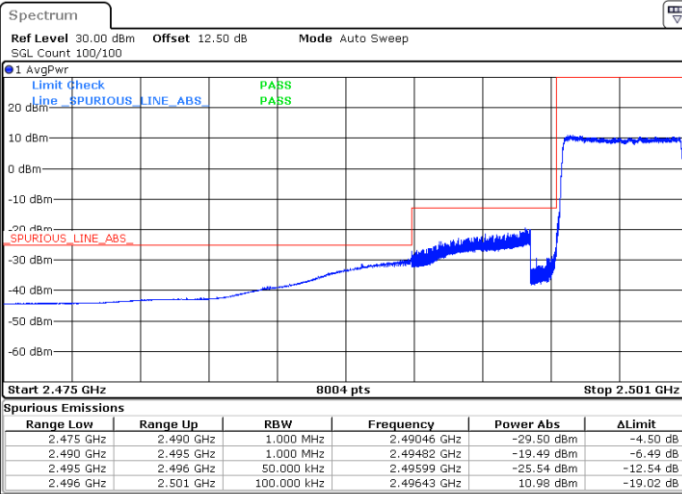


N/A

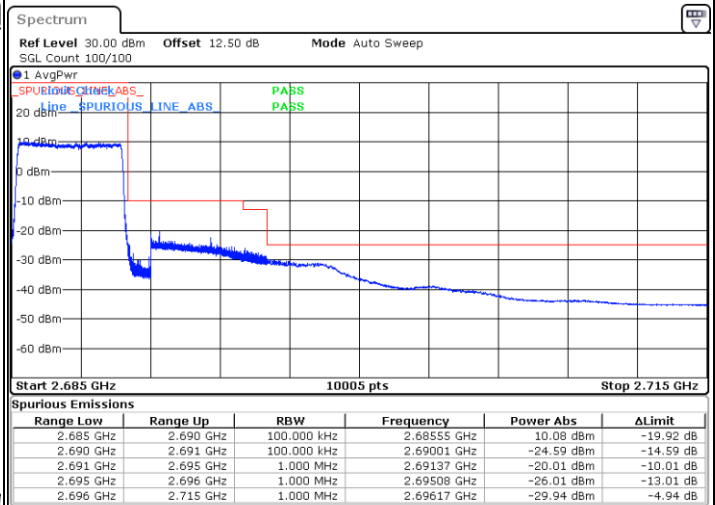


LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / Full RB



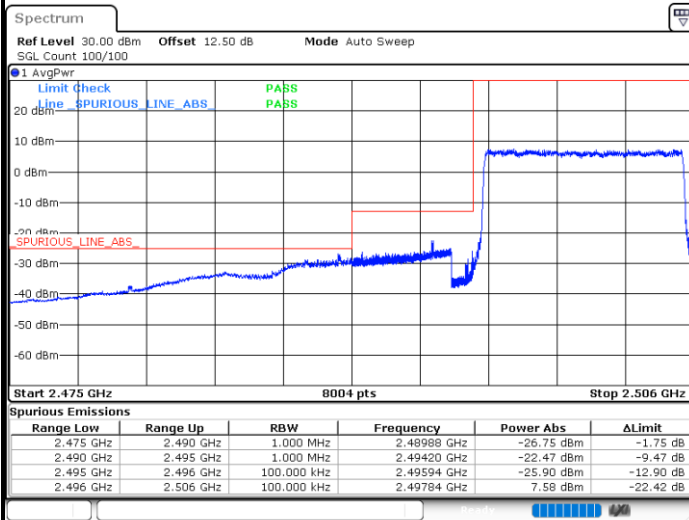
Highest Band Edge / Full RB



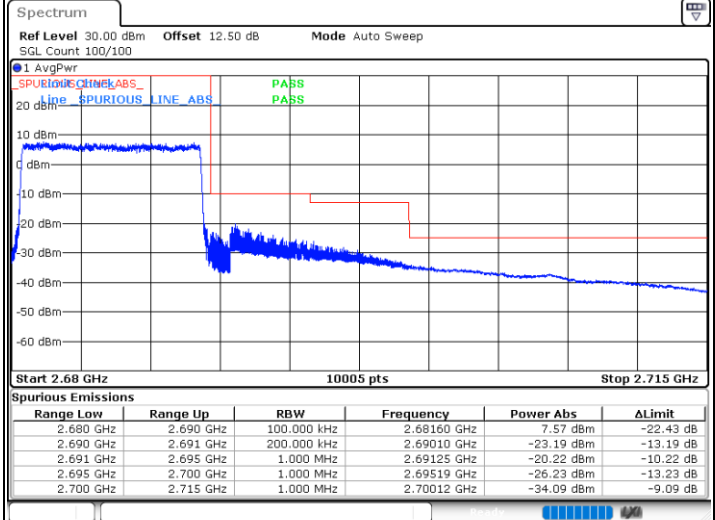


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

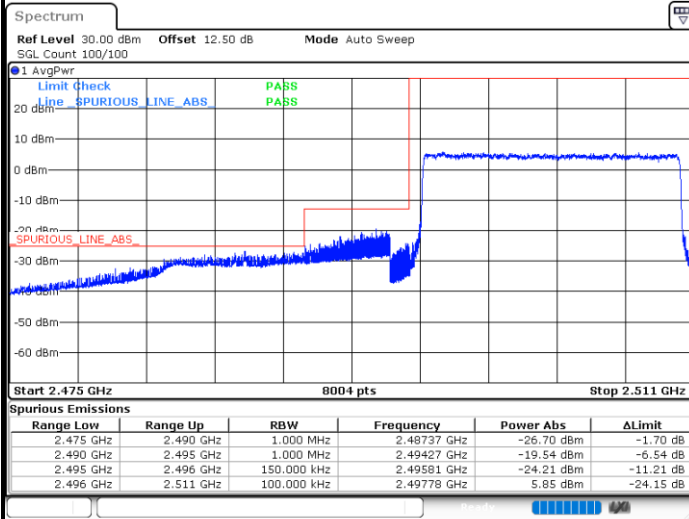


Highest Band Edge / Full RB

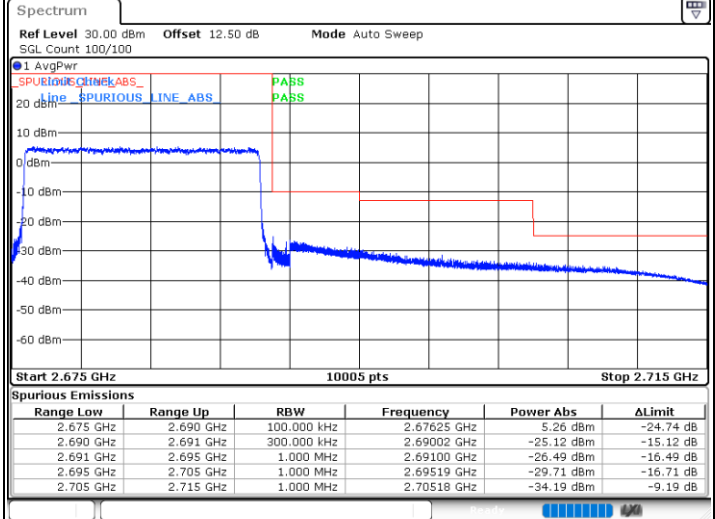


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

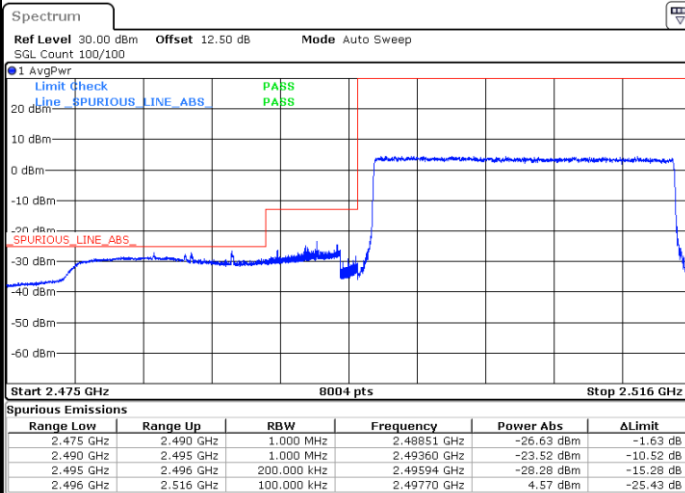




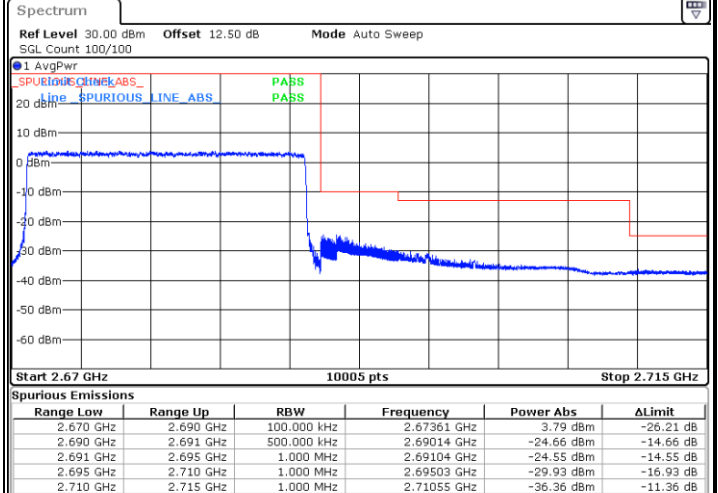
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.NOV.2025 10:12:32



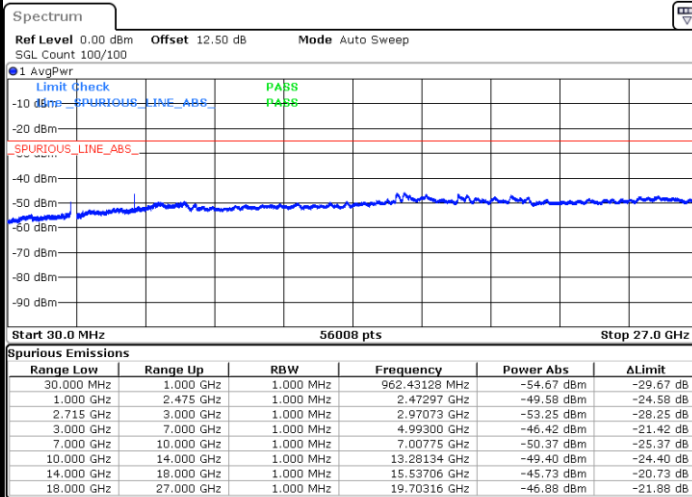
Date: 20.NOV.2025 00:00:49



Conducted Spurious Emission

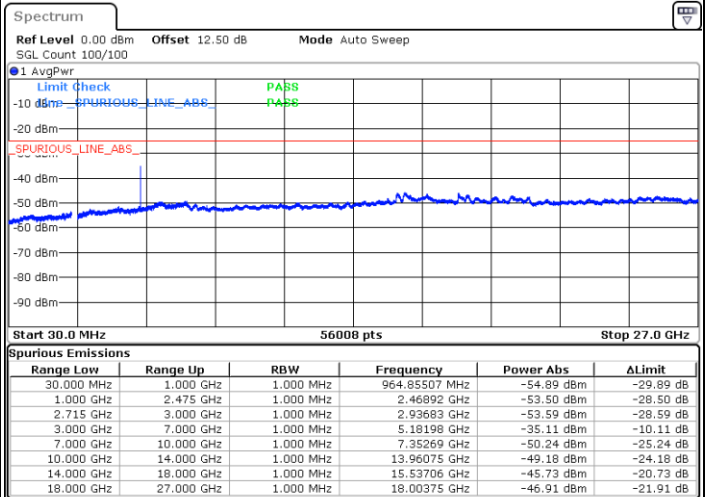
LTE Band 41 / 5MHz

Lowest Channel / QPSK



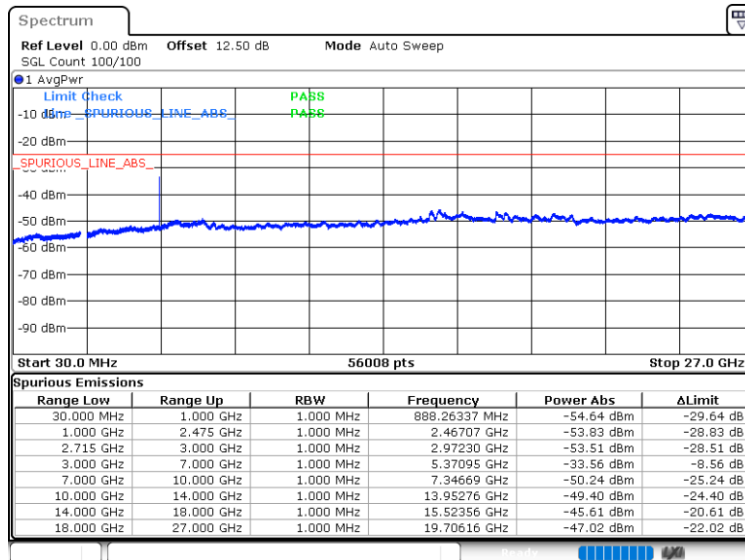
Date: 20.NOV.2025 00:03:01

Middle Channel / QPSK



Date: 20.NOV.2025 00:05:18

Highest Channel / QPSK

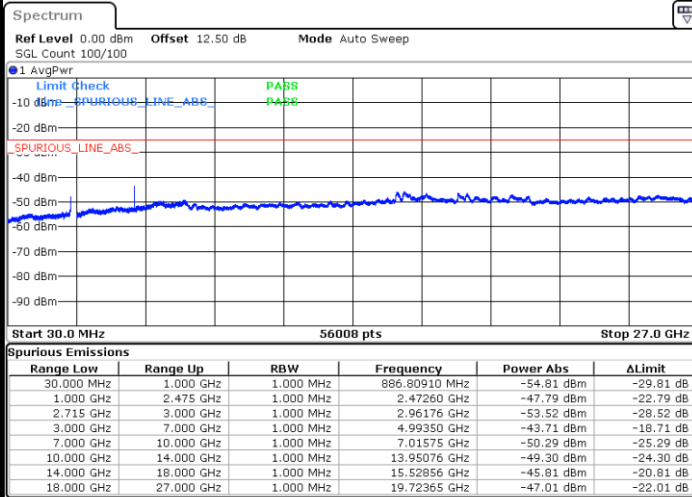


Date: 20.NOV.2025 00:07:11



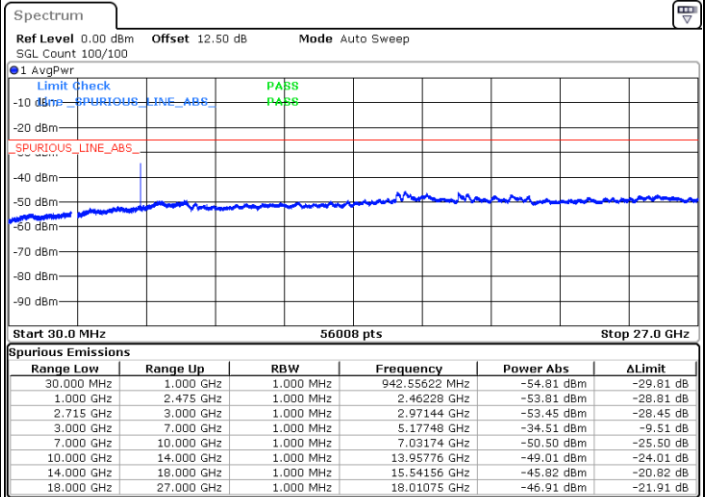
LTE Band 41 / 10MHz

Lowest Channel / QPSK



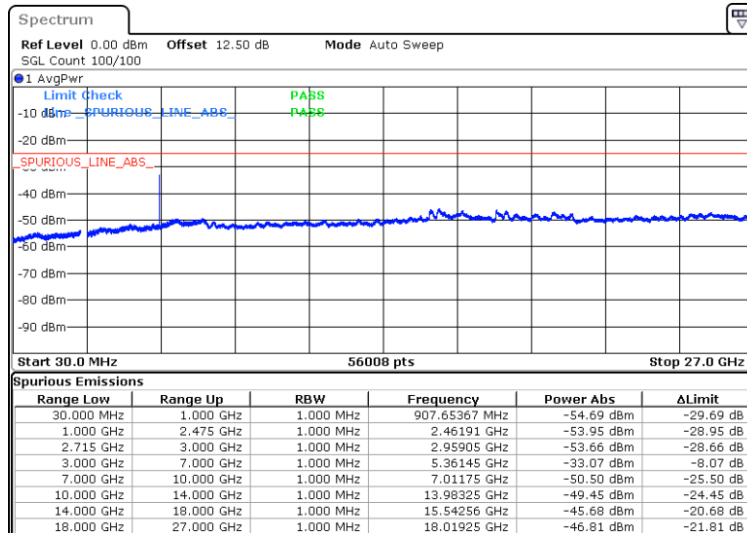
Date: 20.NOV.2025 00:09:23

Middle Channel / QPSK



Date: 20.NOV.2025 00:11:22

Highest Channel / QPSK

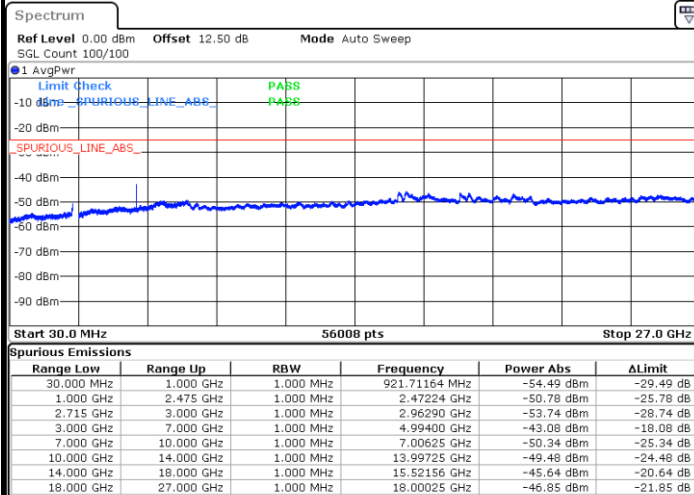


Date: 20.NOV.2025 00:13:22



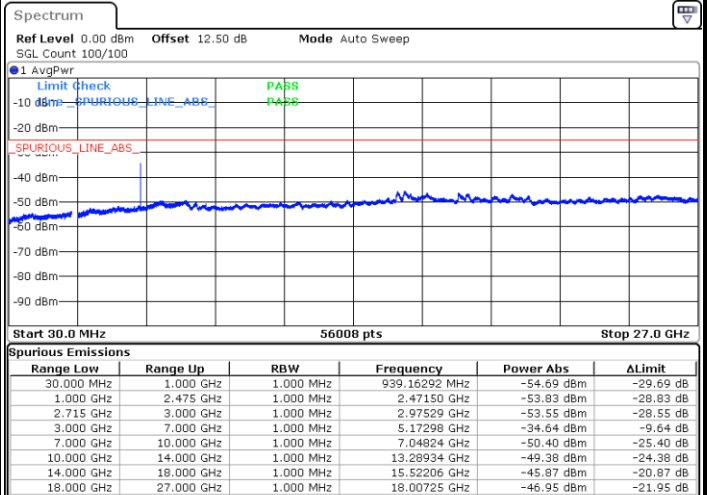
LTE Band 41 / 15MHz

Lowest Channel / QPSK



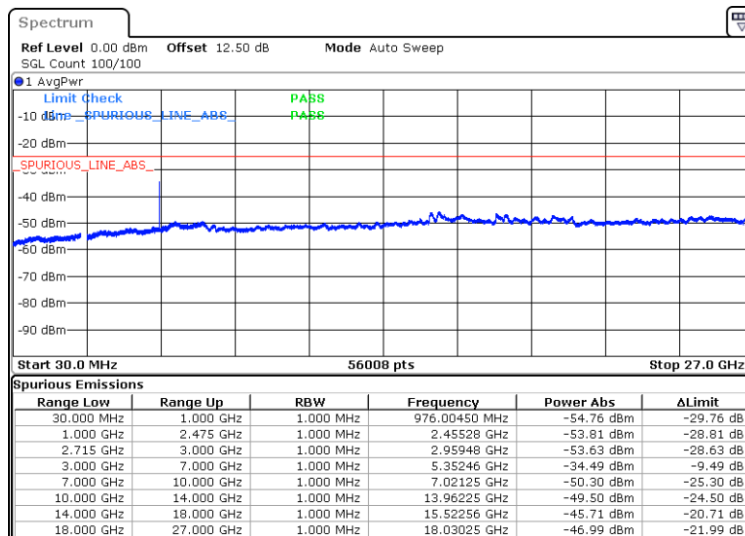
Date: 20.NOV.2025 00:15:42

Middle Channel / QPSK



Date: 20.NOV.2025 00:17:49

Highest Channel / QPSK

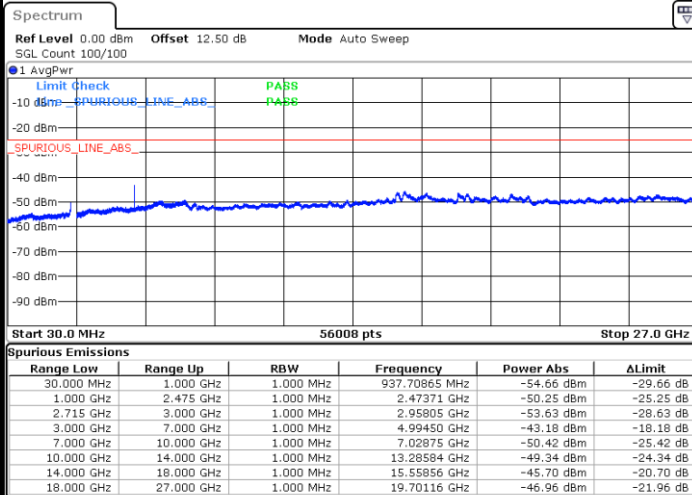


Date: 20.NOV.2025 00:19:39



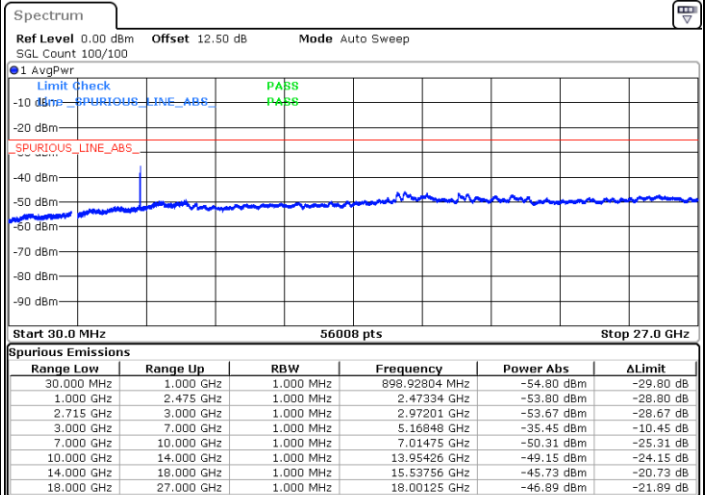
LTE Band 41 / 20MHz

Lowest Channel / QPSK



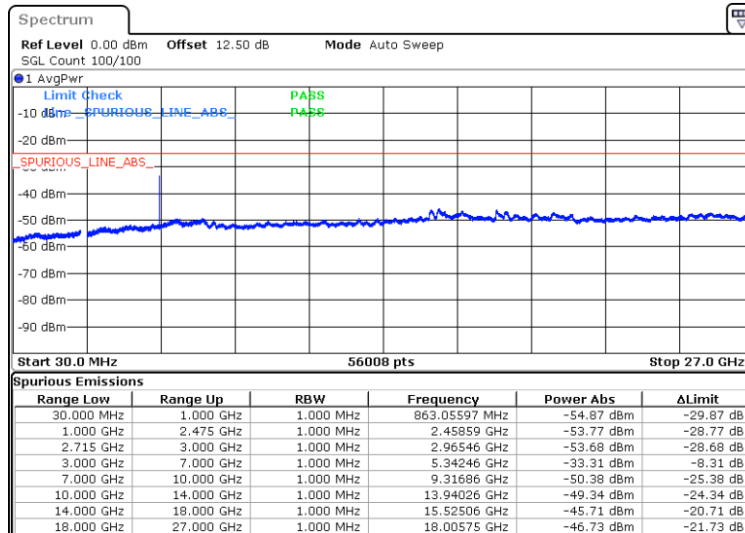
Date: 20.NOV.2025 00:21:33

Middle Channel / QPSK



Date: 20.NOV.2025 00:23:49

Highest Channel / QPSK



Date: 20.NOV.2025 00:25:44

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0029	-7.4	Yes	PASS
40	Normal Voltage	0.0043	-11.1	Yes	
30	Normal Voltage	0.0029	-7.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0010	-2.6	Yes	
0	Normal Voltage	0.0021	-5.5	Yes	
-10	Normal Voltage	0.0064	-16.6	Yes	
-20	Normal Voltage	0.0025	-6.5	Yes	
-30	Normal Voltage	0.0005	-1.3	Yes	
20	Maximum Voltage	0.0014	-3.7	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0007	1.8	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

LTE Band 66

Peak-to-Average Ratio

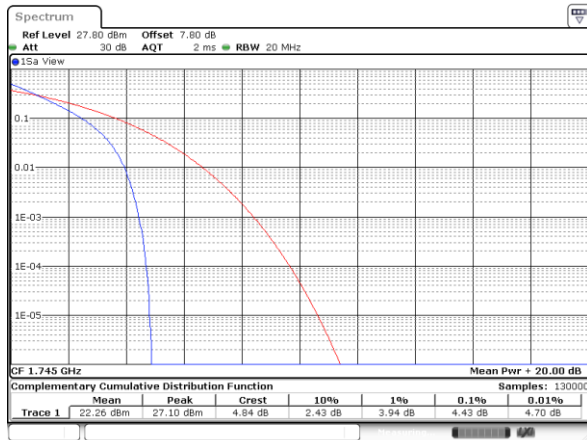
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.43	5.36	6.43	6.75	PASS

Mode	LTE Band 66 / 1.4MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.13	5.94	PASS
Mode	LTE Band 66 / 3MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.99	5.68	PASS
Mode	LTE Band 66 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.67	5.83	PASS
Mode	LTE Band 66 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.70	5.19	PASS
Mode	LTE Band 66 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	5.77	PASS



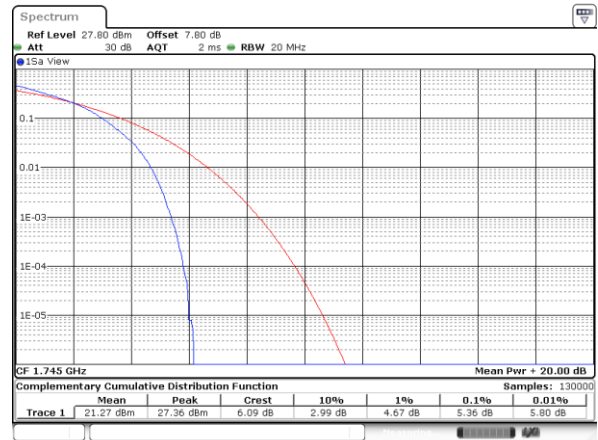
LTE Band 66 / 20MHz / QPSK

Middle Channel / Full RB



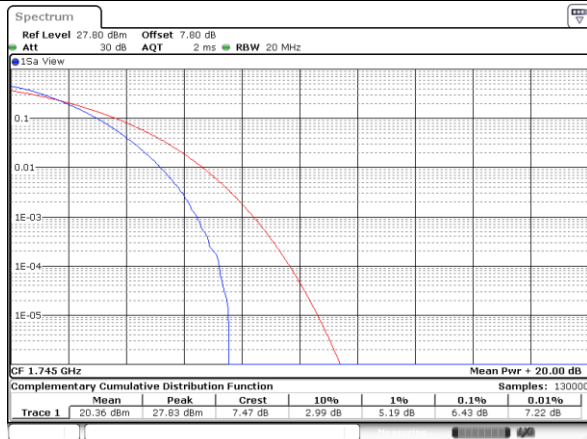
LTE Band 66 / 20MHz / 16QAM

Middle Channel / Full RB



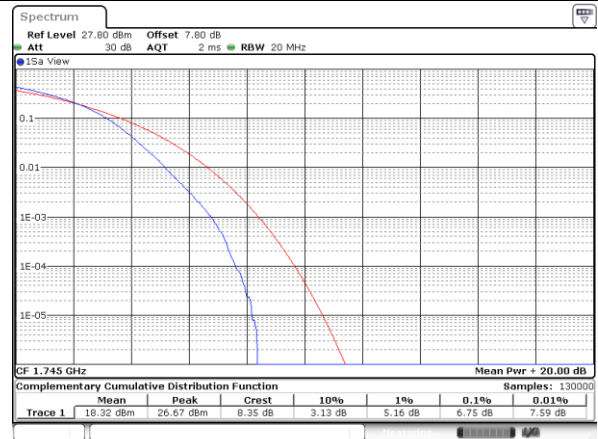
LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 66 / 20MHz / 256QAM

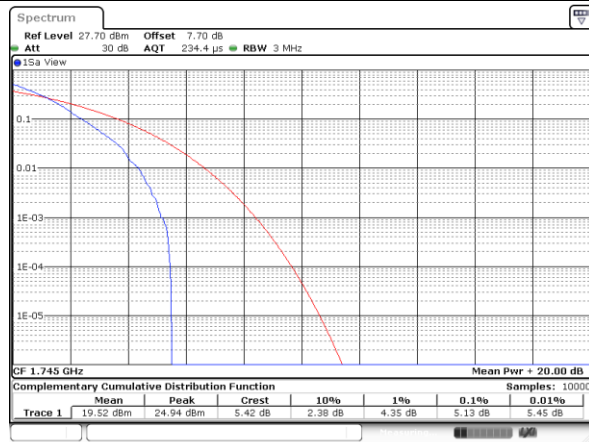
Middle Channel / Full RB





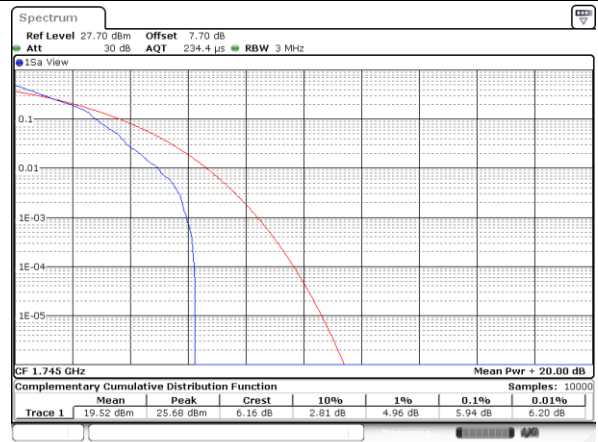
LTE Band 66 / 1.4MHz / QPSK

Middle Channel / Full RB



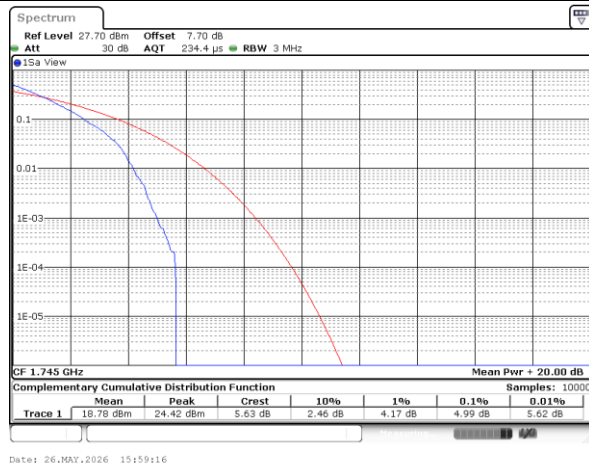
LTE Band 66 / 1.4MHz / 16QAM

Middle Channel / Full RB



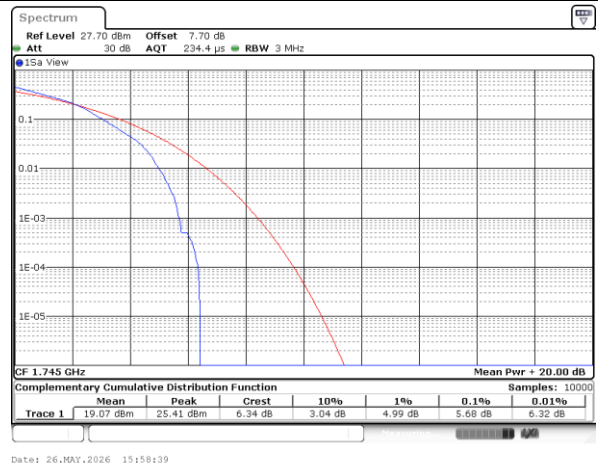
LTE Band 66 / 3MHz / QPSK

Middle Channel / Full RB



LTE Band 66 / 3MHz / 16QAM

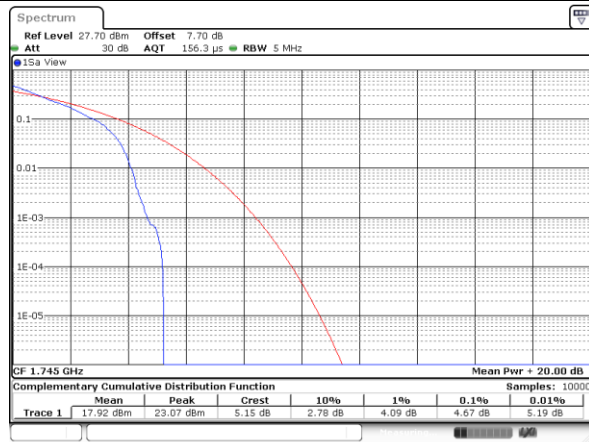
Middle Channel / Full RB





LTE Band 66 / 5MHz / QPSK

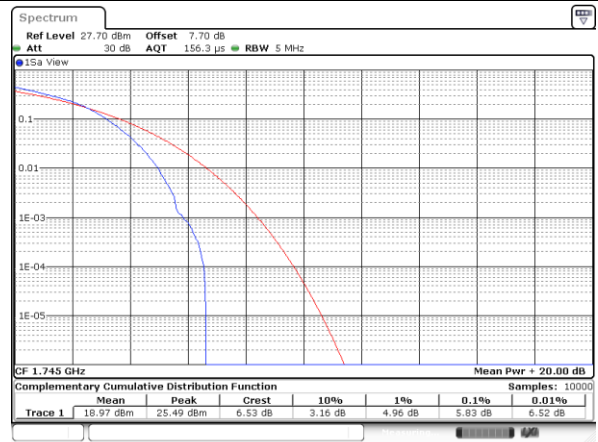
Middle Channel / Full RB



Date: 26.MAY.2026 16:00:33

LTE Band 66 / 5MHz / 16QAM

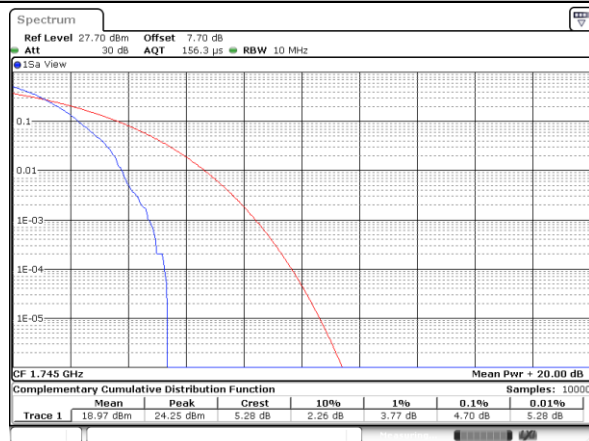
Middle Channel / Full RB



Date: 26.MAY.2026 15:59:54

LTE Band 66 / 10MHz / QPSK

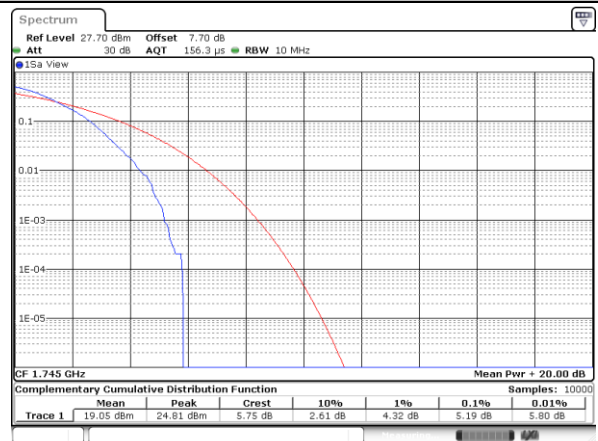
Middle Channel / Full RB



Date: 26.MAY.2026 16:01:48

LTE Band 66 / 10MHz / 16QAM

Middle Channel / Full RB

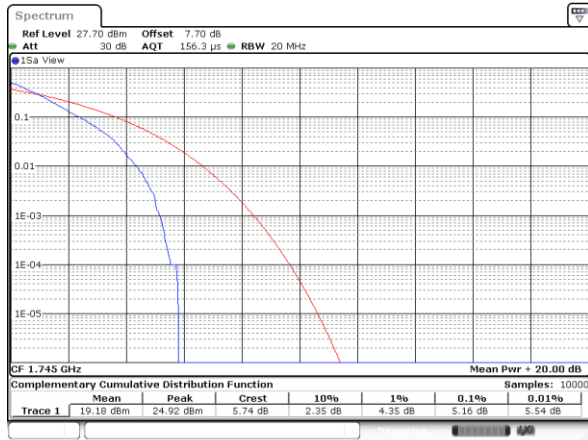


Date: 26.MAY.2026 16:01:09



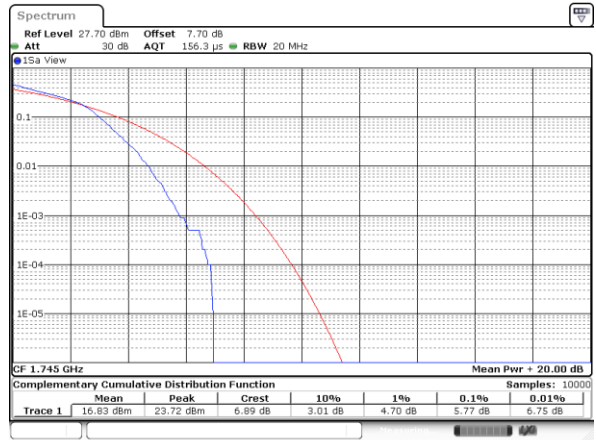
LTE Band 66 / 15MHz / QPSK

Middle Channel / Full RB



LTE Band 66 / 15MHz / 16QAM

Middle Channel / Full RB





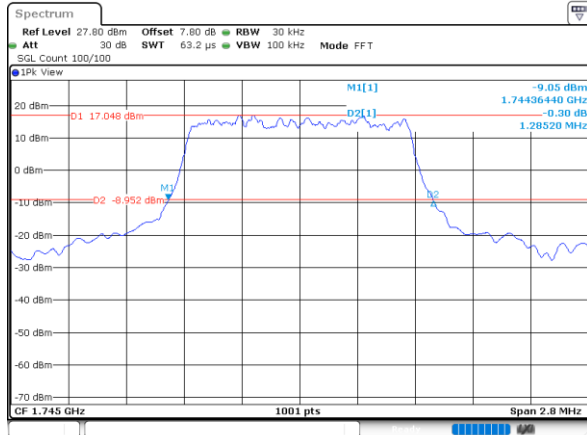
26dB Bandwidth

Mode	LTE Band 66 : 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	1.28	1.28	2.96	3.00	4.84	4.91	9.80	9.94	14.28	14.52	19.12	18.96



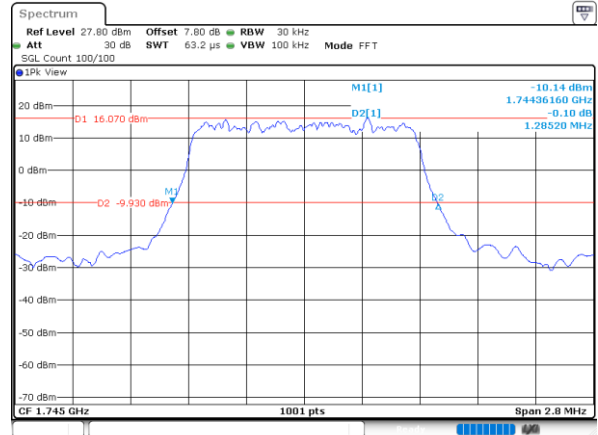
LTE Band 66

Middle Channel / 1.4MHz / QPSK



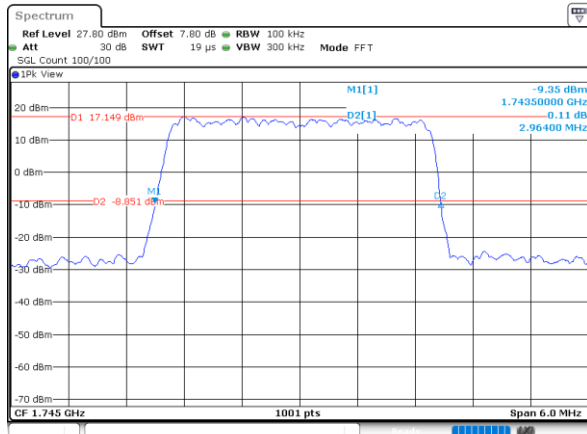
Date: 20,NOV,2025 21:24:55

Middle Channel / 1.4MHz / 16QAM



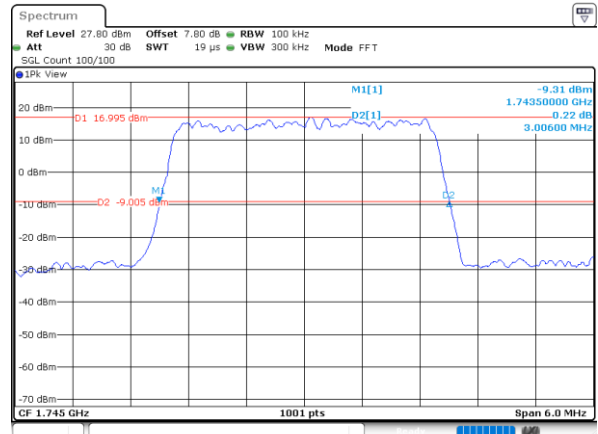
Date: 20,NOV,2025 21:26:02

Middle Channel / 3MHz / QPSK



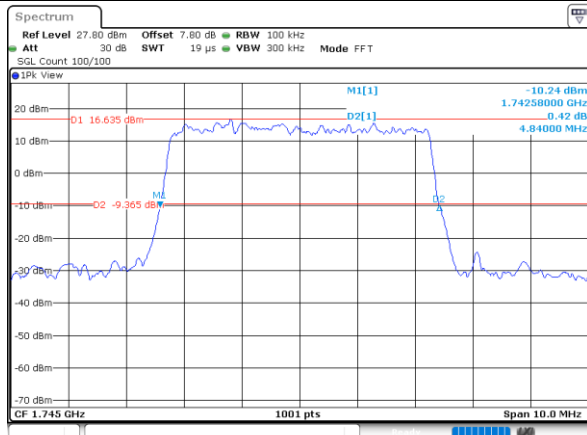
Date: 20,NOV,2025 22:16:23

Middle Channel / 3MHz / 16QAM



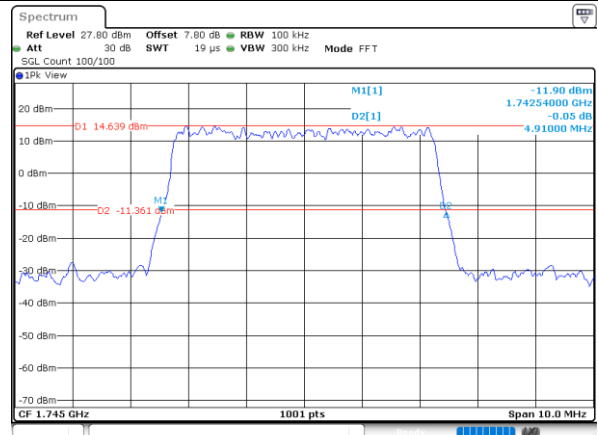
Date: 20,NOV,2025 22:17:28

Middle Channel / 5MHz / QPSK



Date: 20,NOV,2025 22:18:35

Middle Channel / 5MHz / 16QAM

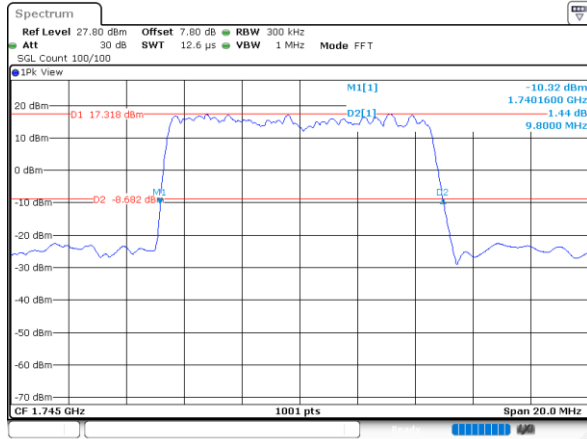


Date: 20,NOV,2025 22:19:44



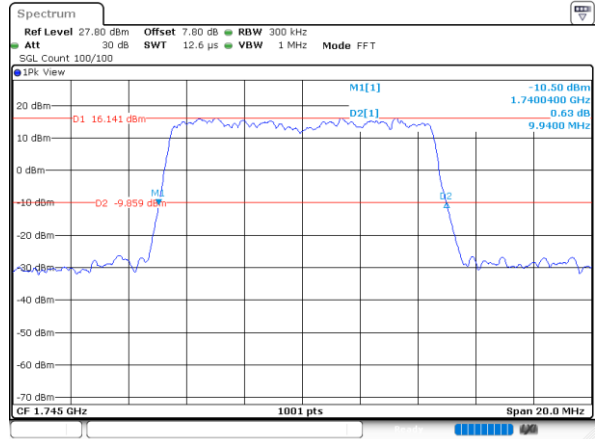
LTE Band 66

Middle Channel / 10MHz / QPSK



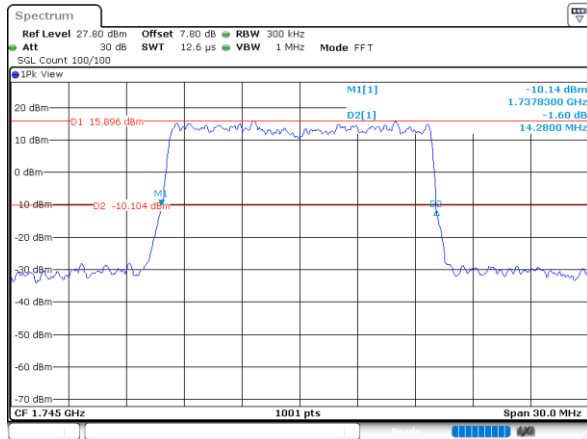
Date: 20,NOV,2025 22:21:01

Middle Channel / 10MHz / 16QAM



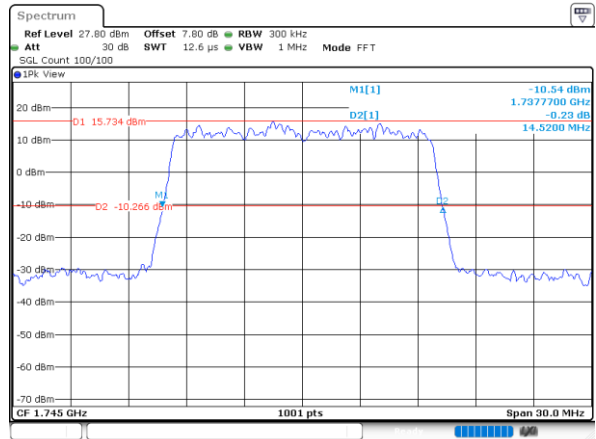
Date: 20,NOV,2025 22:21:58

Middle Channel / 15MHz / QPSK



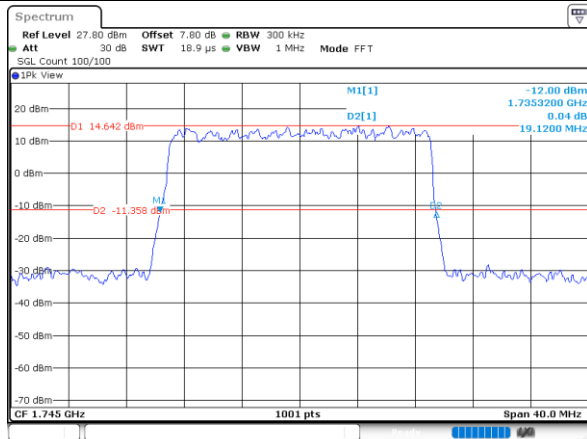
Date: 20,NOV,2025 22:21:55

Middle Channel / 15MHz / 16QAM



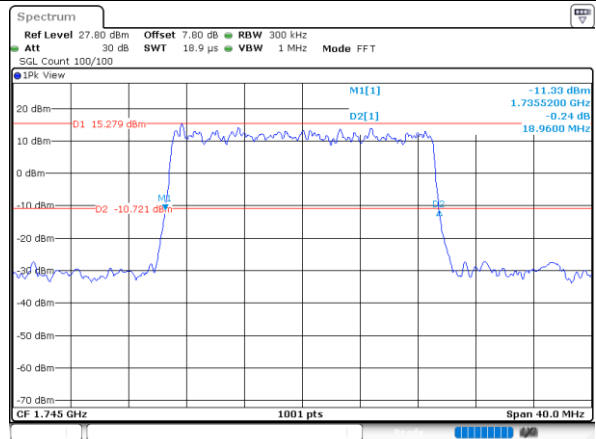
Date: 20,NOV,2025 22:24:24

Middle Channel / 20MHz / QPSK



Date: 20,NOV,2025 21:53:39

Middle Channel / 20MHz / 16QAM



Date: 20,NOV,2025 21:54:41



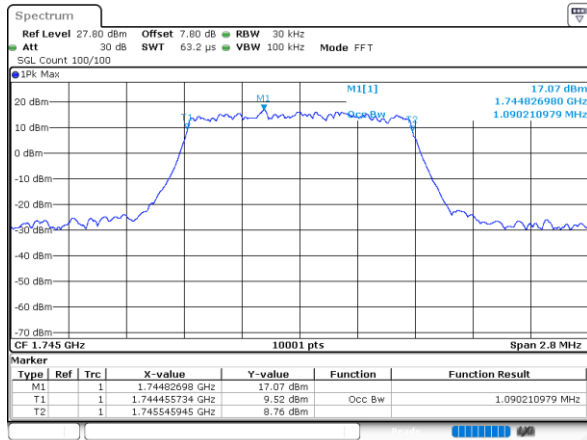
Occupied Bandwidth

Mode	LTE Band 66 : 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	1.09	1.09	2.71	2.72	4.48	4.49	9.04	9.07	13.41	13.47	17.92	17.82

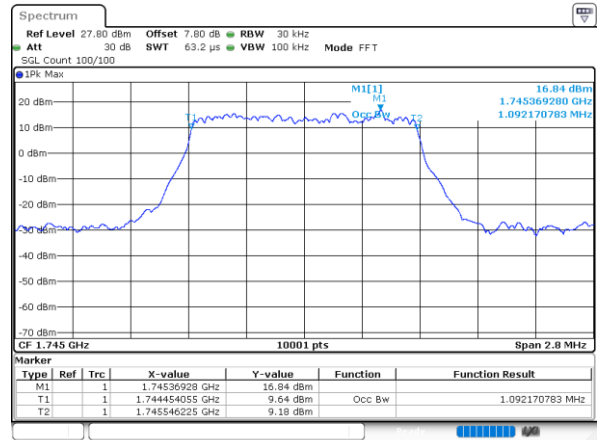


LTE Band 66

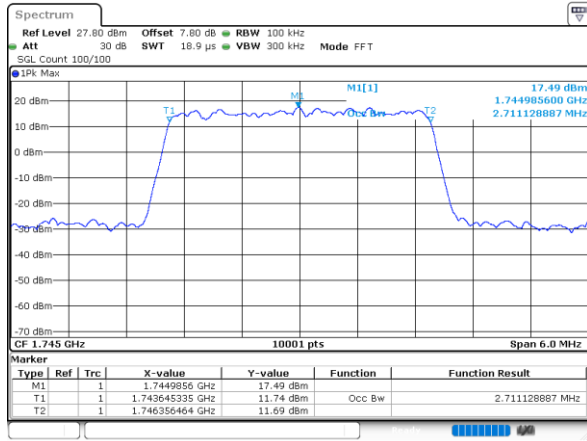
Middle Channel / 1.4MHz / QPSK



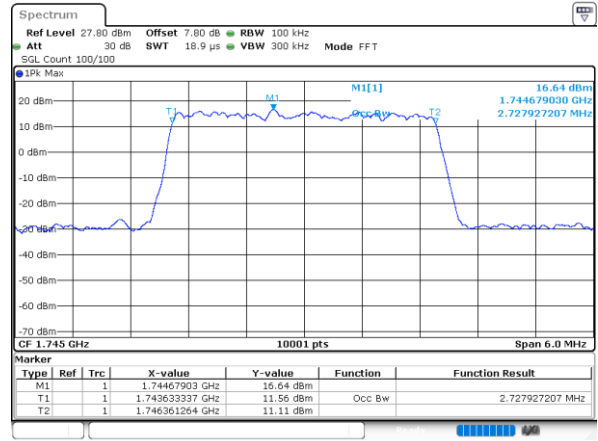
Middle Channel / 1.4MHz / 16QAM



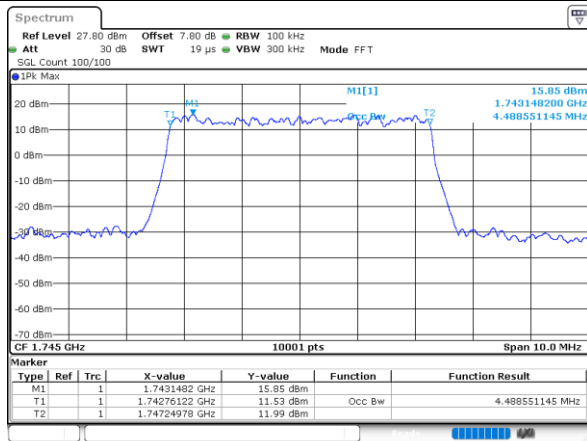
Middle Channel / 3MHz / QPSK



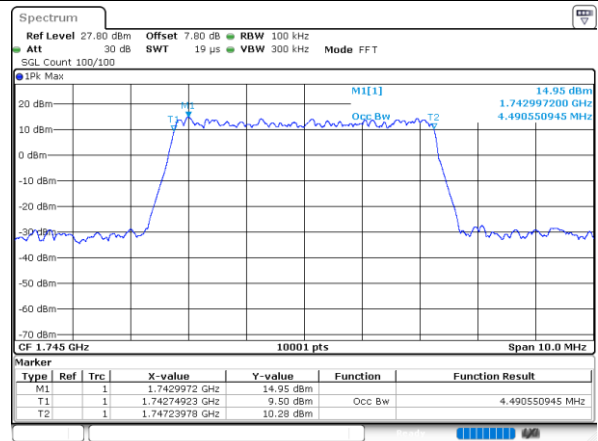
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



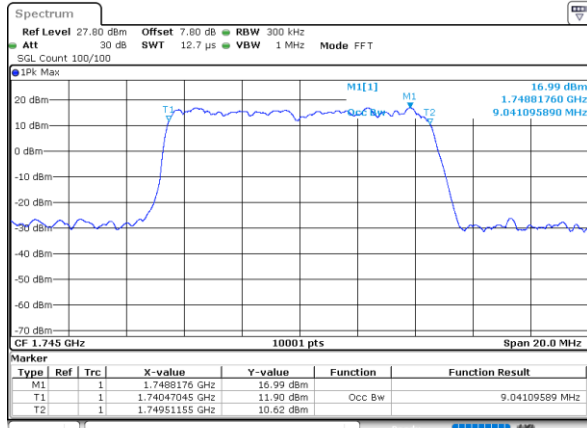
Middle Channel / 5MHz / 16QAM





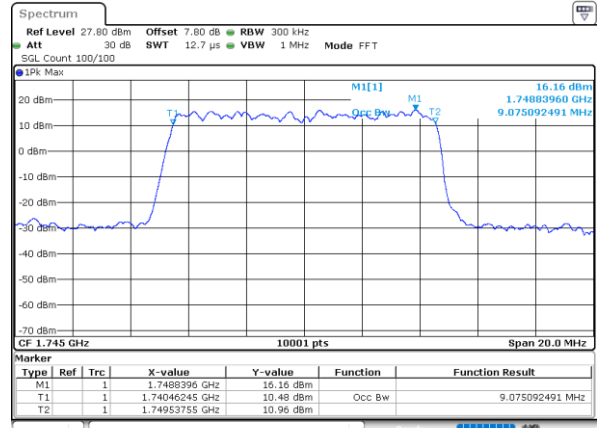
LTE Band 66

Middle Channel / 10MHz / QPSK



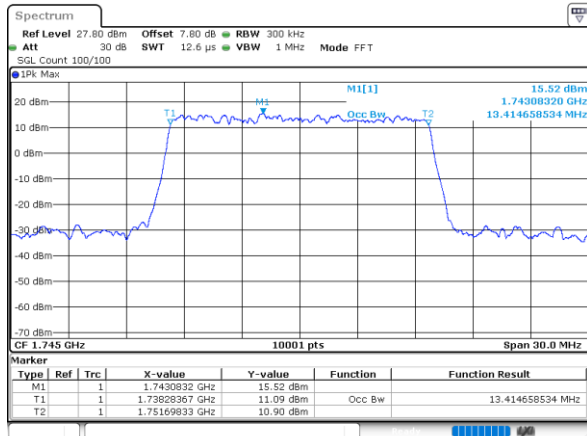
Date: 20,NOV,2025 21:18:26

Middle Channel / 10MHz / 16QAM



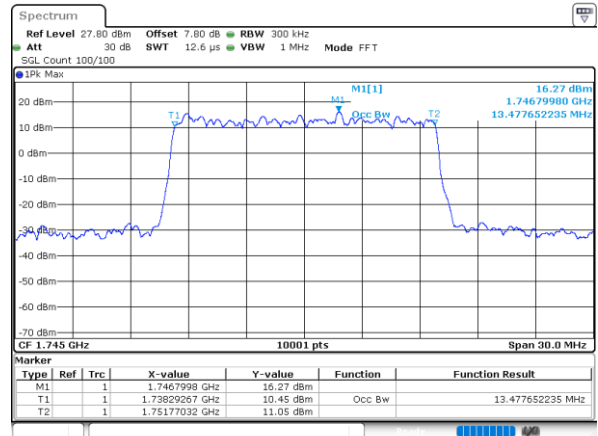
Date: 20,NOV,2025 21:19:15

Middle Channel / 15MHz / QPSK



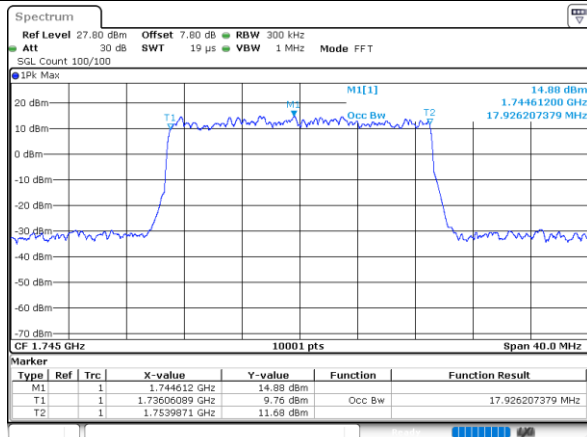
Date: 20,NOV,2025 21:28:33

Middle Channel / 15MHz / 16QAM



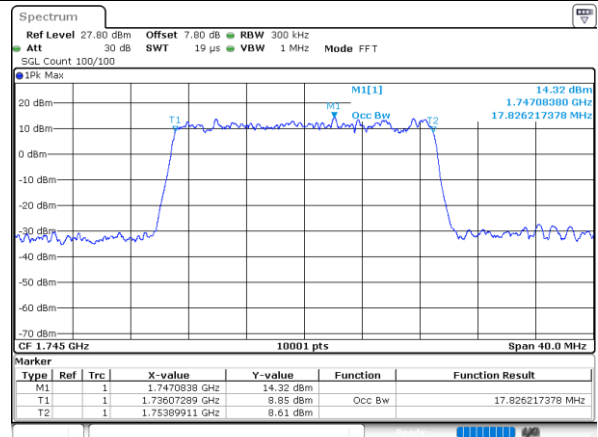
Date: 20,NOV,2025 21:21:41

Middle Channel / 20MHz / QPSK



Date: 20,NOV,2025 21:22:40

Middle Channel / 20MHz / 16QAM



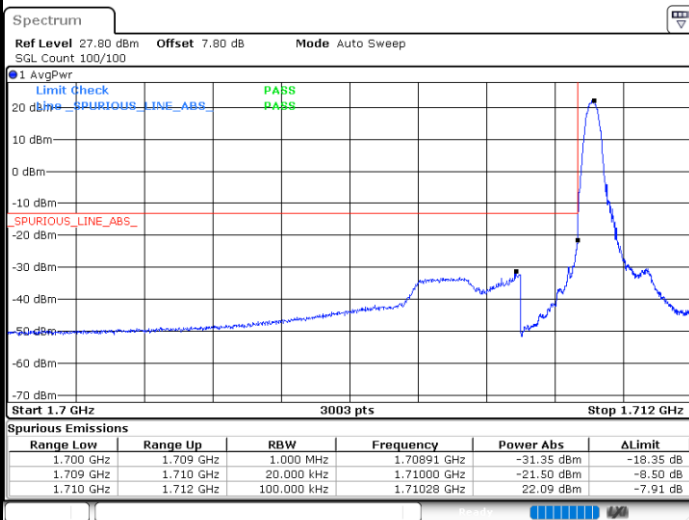
Date: 20,NOV,2025 21:23:44



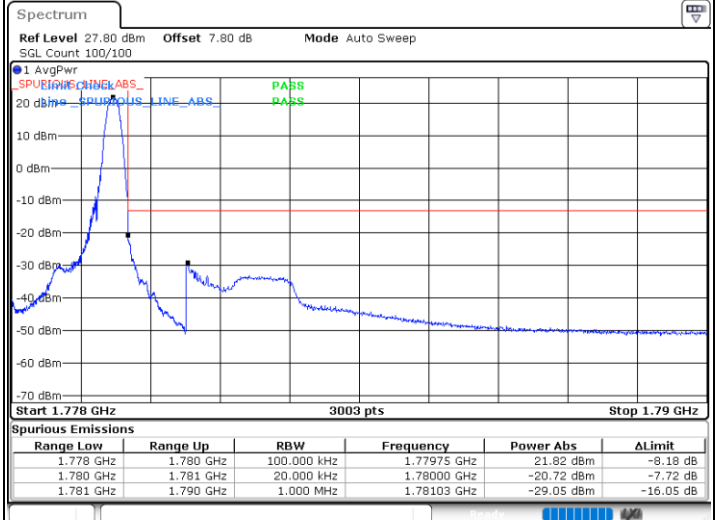
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

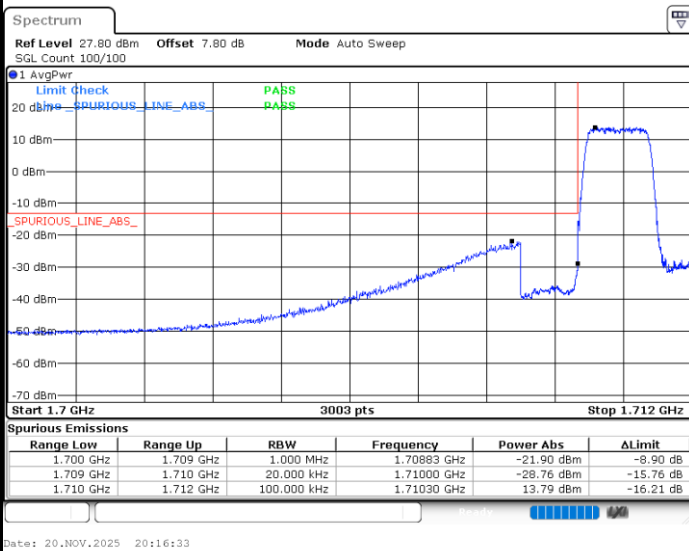
Lowest Band Edge / 1RB



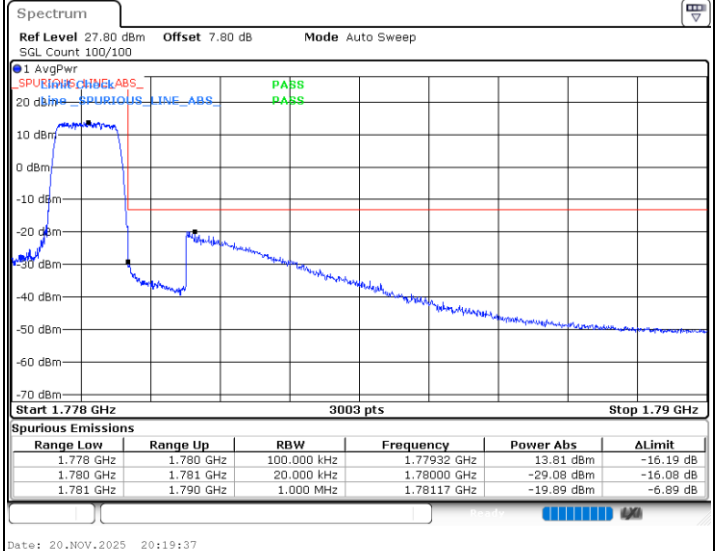
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



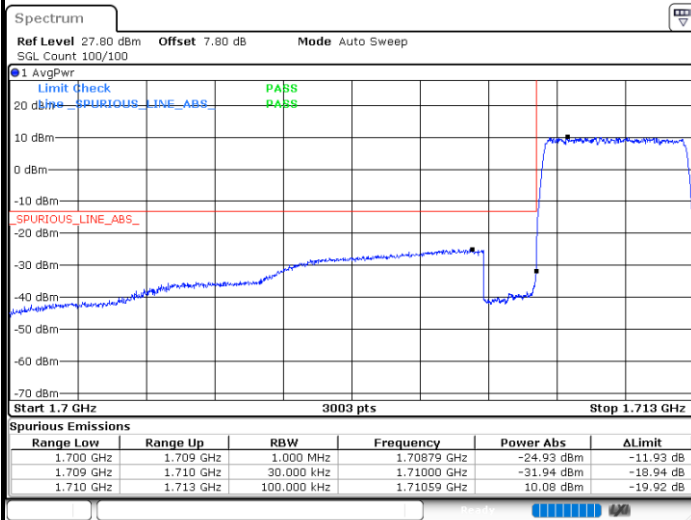
Highest Band Edge / Full RB



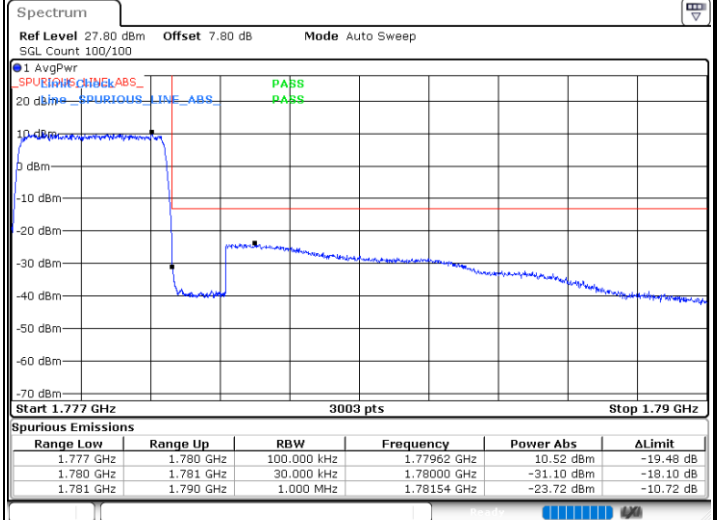


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

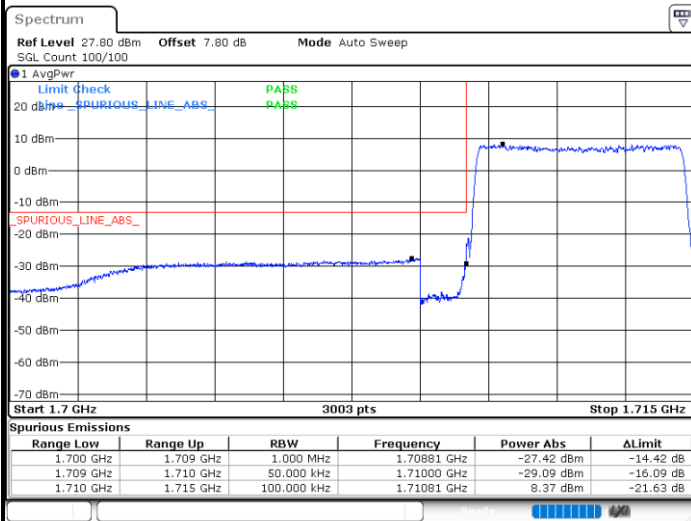


Highest Band Edge / Full RB



LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

