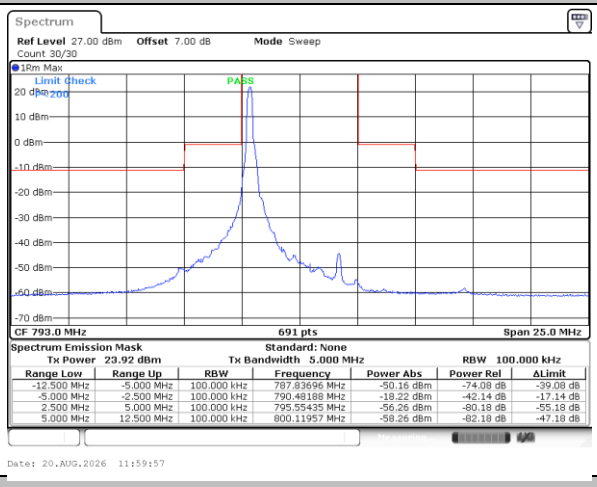
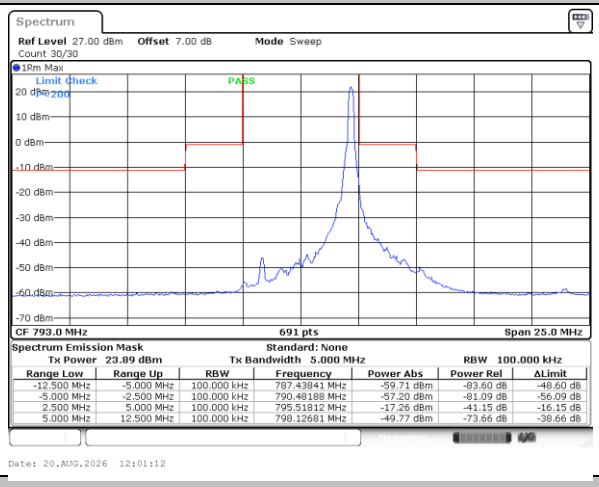
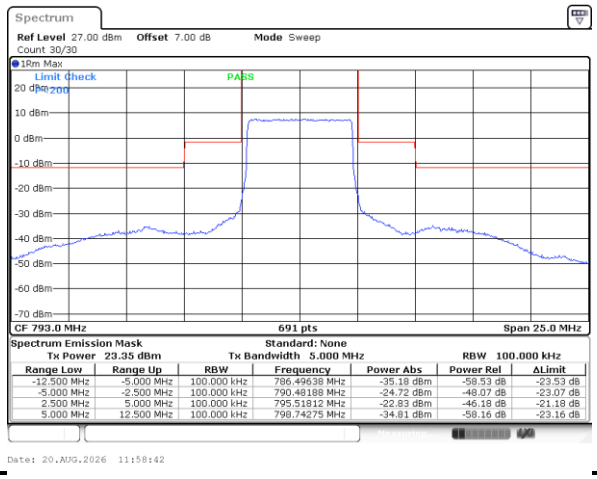
LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB



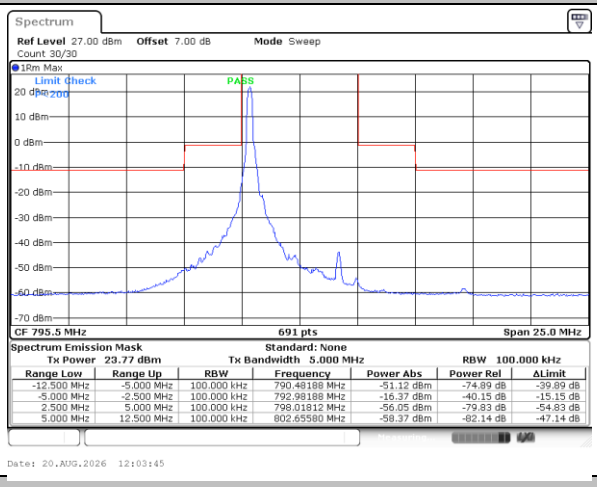


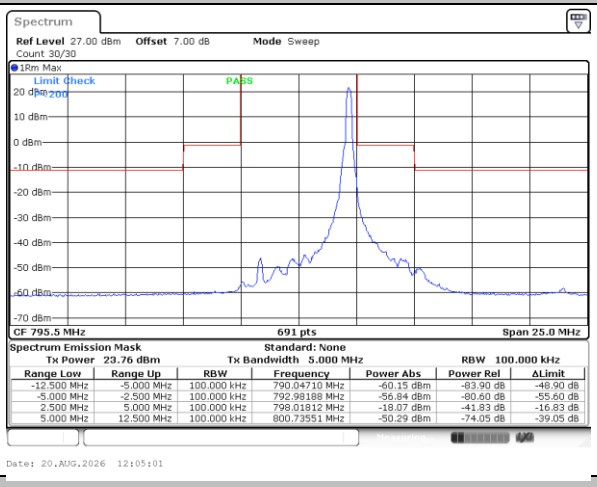
Middle Channel / Full RB



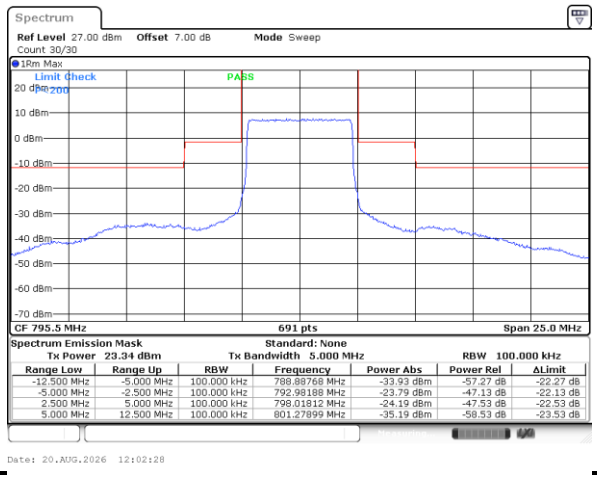
LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

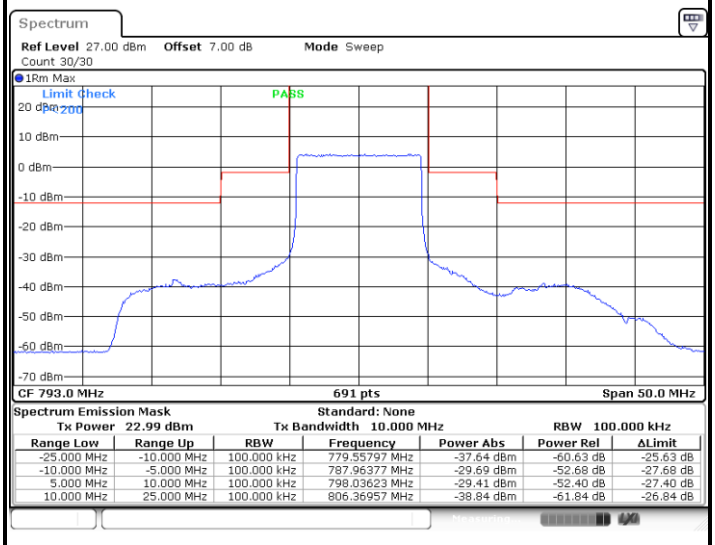




Highest Channel / Full RB



LTE Band 14 / 10MHz / QPSK
Middle Channel / Full RB



Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel				
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (△f) (Hz)		Within Authorized Frequency Block(Hz)	Result
		BW 10MHz	BW 5MHz	BW 10MHz		
50	Normal Voltage	0.0108	-15	-8.6	Yes	PASS
40	Normal Voltage	0.0141	-11.9	-11.2	Yes	
30	Normal Voltage	0.0003	1.5	-0.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	0	Yes	
10	Normal Voltage	0.0019	1.1	1.5	Yes	
0	Normal Voltage	0.0090	-13.8	-7.1	Yes	
-10	Normal Voltage	0.0023	-13.8	-1.8	Yes	
-20	Normal Voltage	0.0122	2.9	-9.7	Yes	
-30	Normal Voltage	0.0136	2.6	-10.8	Yes	
20	Maximum Voltage	0.0010	-11.5	-0.8	Yes	
20	Normal Voltage	0.0000	0	0	Yes	
20	Minimum Voltage	0.0063	0.3	5	Yes	

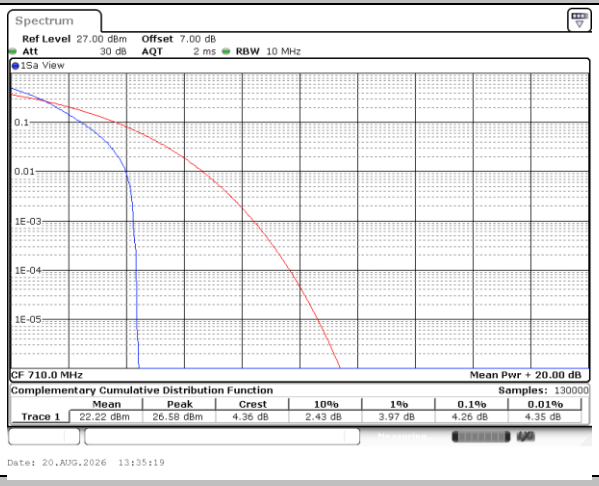
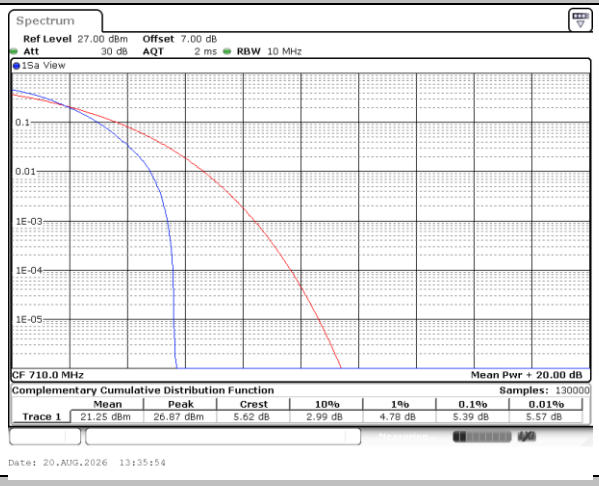
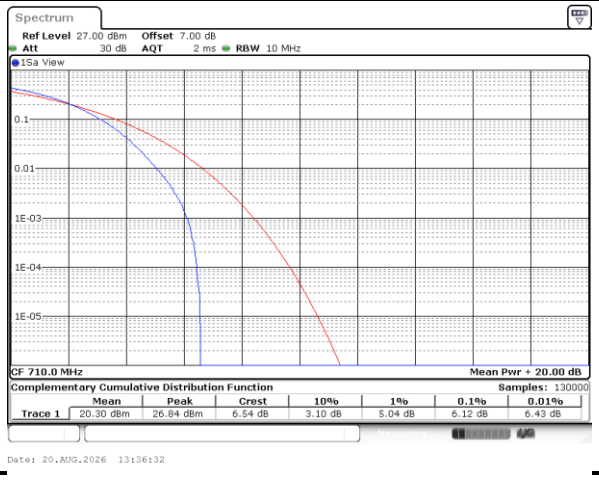
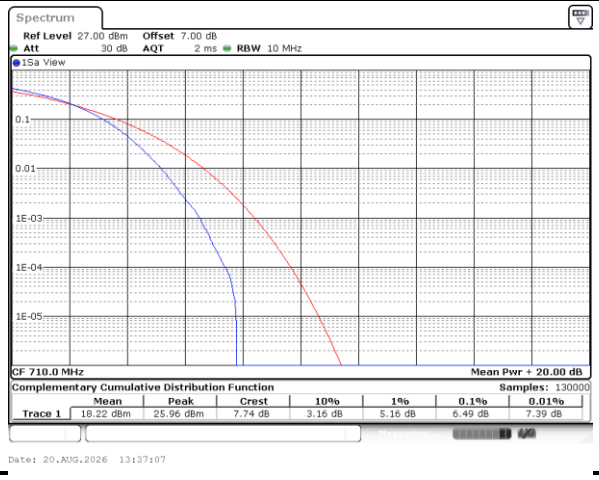
Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 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 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.26	5.39	6.12	6.49	PASS

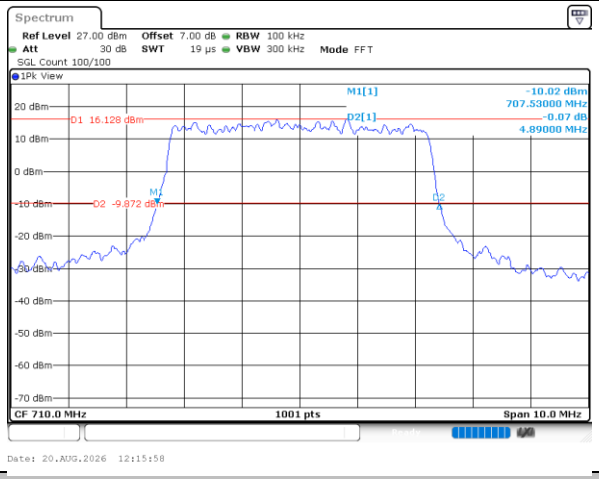
LTE Band 17 / 10MHz / QPSK	LTE Band 17 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 17 / 10MHz / 64QAM	LTE Band 17 / 10MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

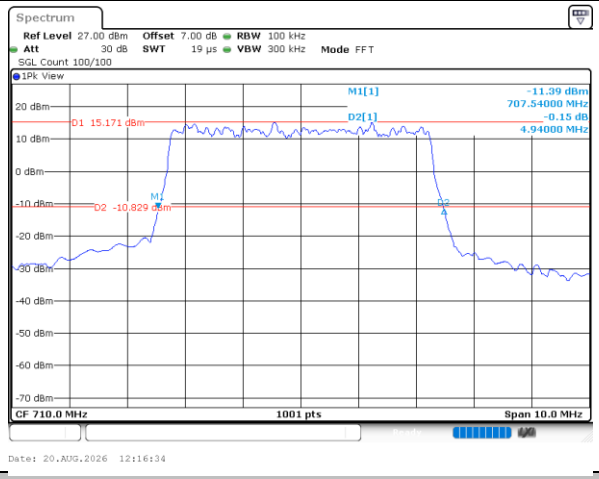
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.89	4.94	9.76	9.94	-	-	-	-

LTE Band 17

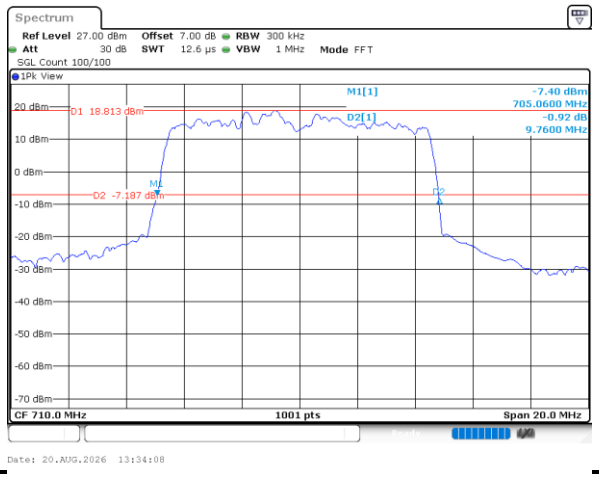
Middle Channel / 5MHz / QPSK



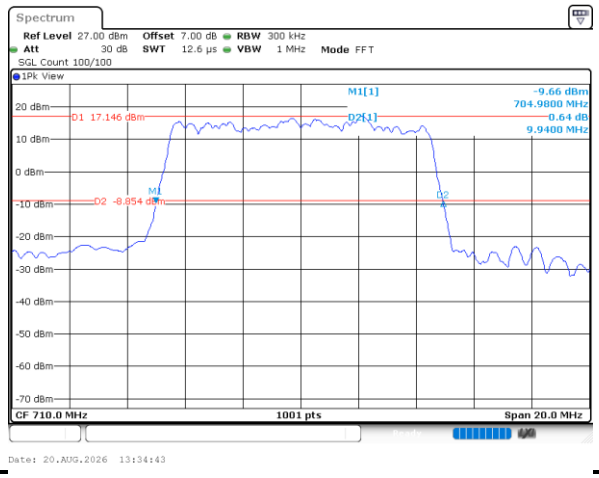
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

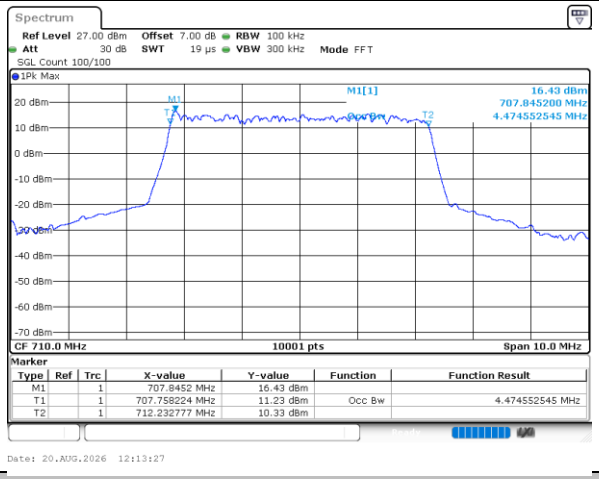


Occupied Bandwidth

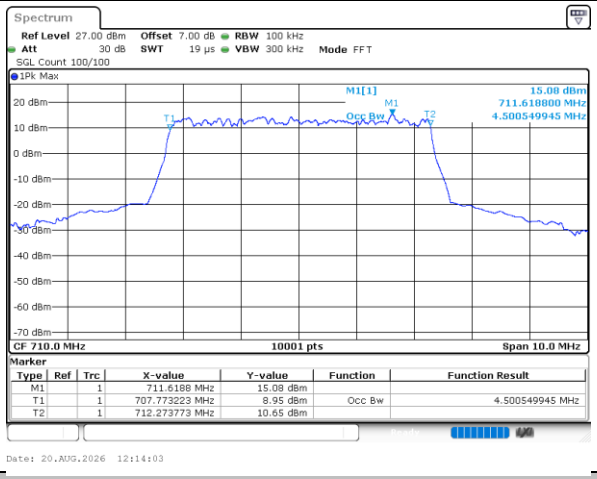
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.47	4.50	9.01	8.96	-	-	-	-

LTE Band 17

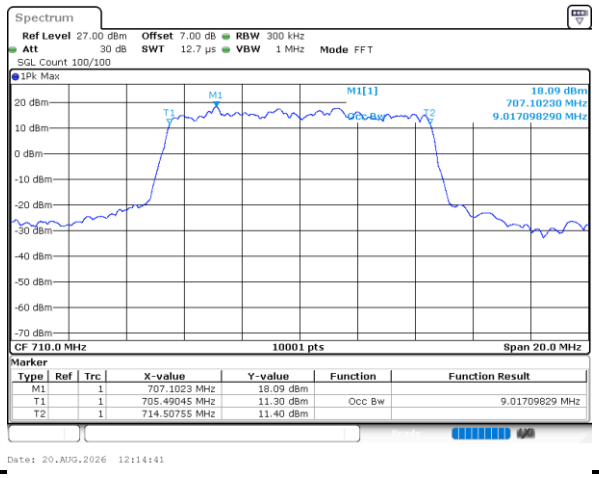
Middle Channel / 5MHz / QPSK



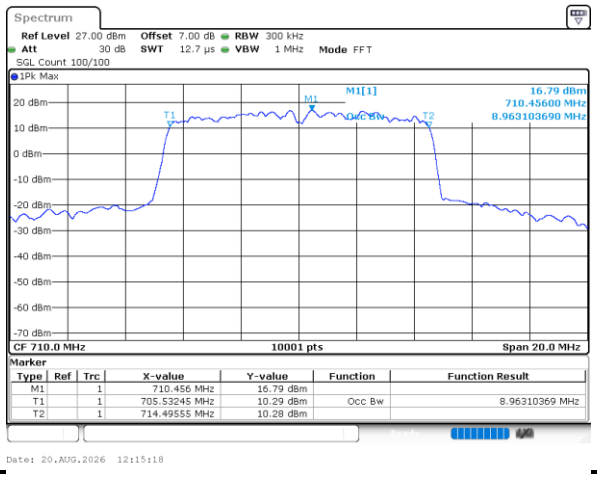
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



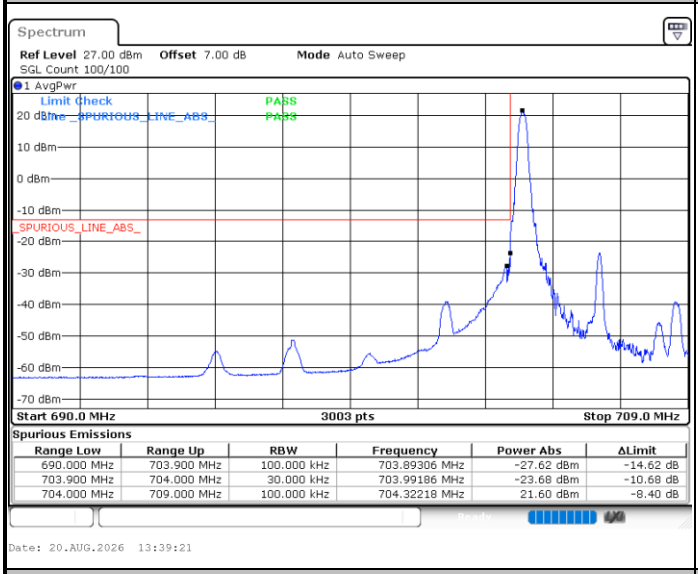
Middle Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

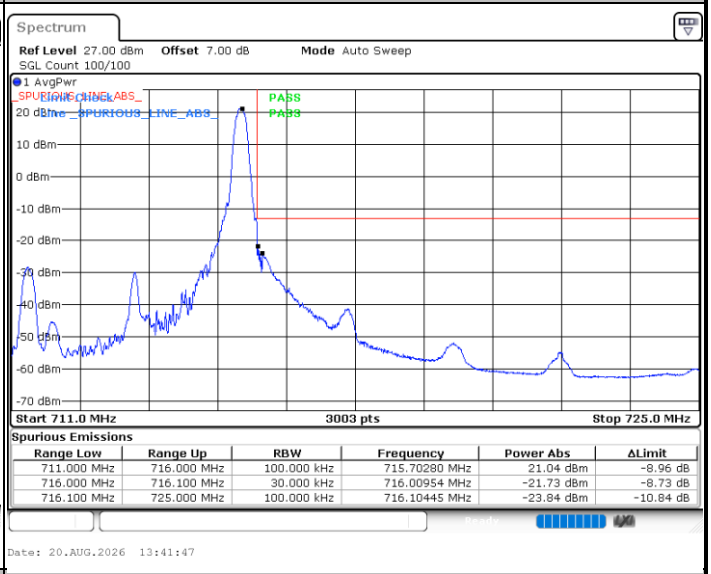


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-27.62 dBm	-14.62 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99186 MHz	-23.68 dBm	-10.68 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.32218 MHz	21.60 dBm	-8.40 dB

Date: 20.AUG.2026 13:39:21

Highest Band Edge / 1 RB

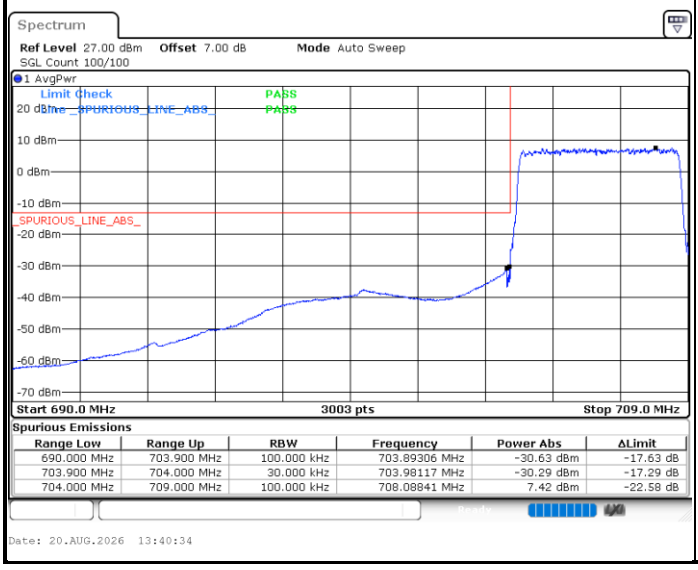


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.70280 MHz	21.04 dBm	-8.96 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00954 MHz	-21.73 dBm	-8.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.84 dBm	-10.84 dB

Date: 20.AUG.2026 13:41:47

Lowest Band Edge / Full RB

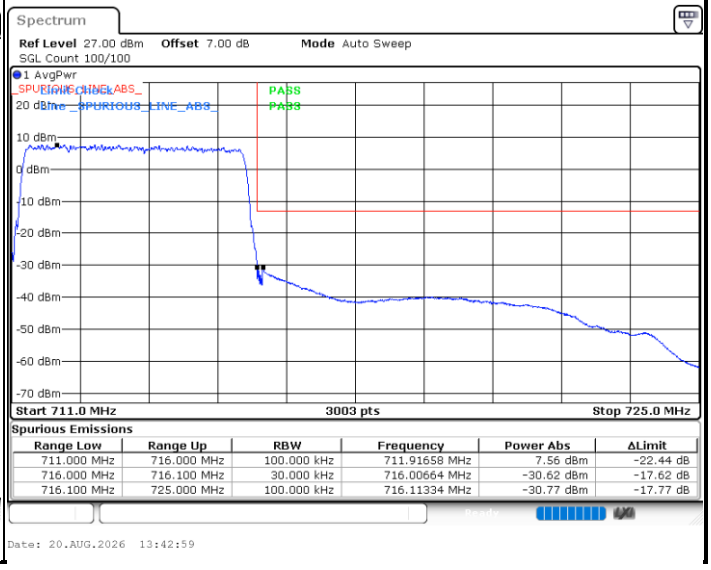


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-30.63 dBm	-17.63 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98117 MHz	-30.29 dBm	-17.29 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.08841 MHz	7.42 dBm	-22.58 dB

Date: 20.AUG.2026 13:40:34

Highest Band Edge / Full RB

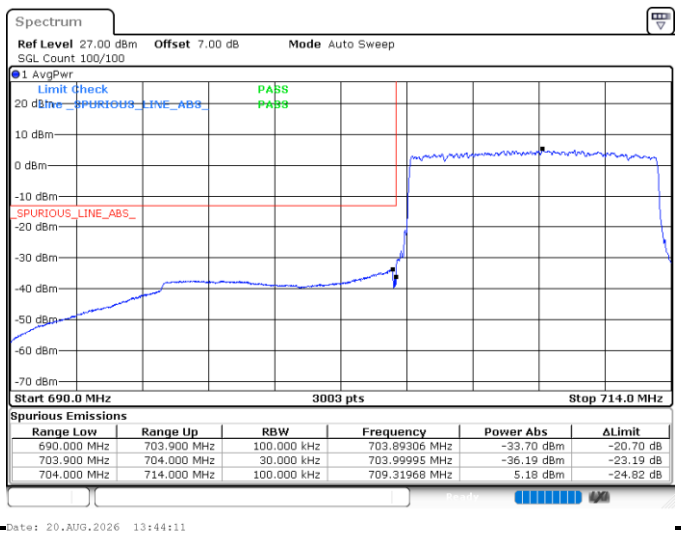


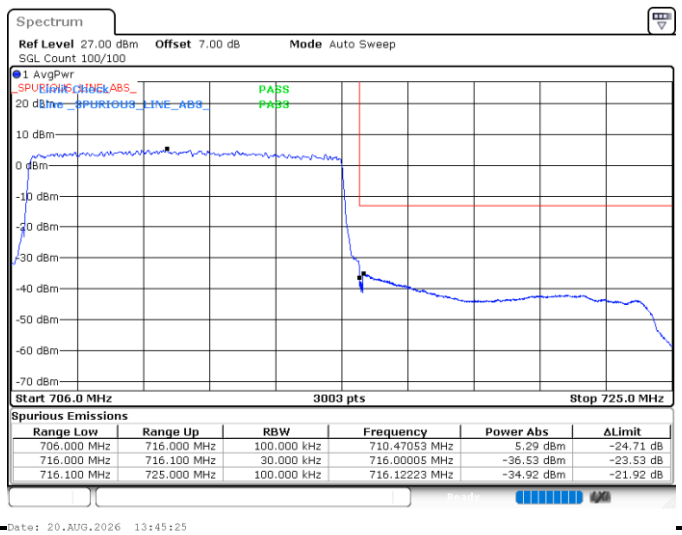
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.91658 MHz	7.56 dBm	-22.44 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00664 MHz	-30.62 dBm	-17.62 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-30.77 dBm	-17.77 dB

Date: 20.AUG.2026 13:42:59

LTE Band 17 / 10MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

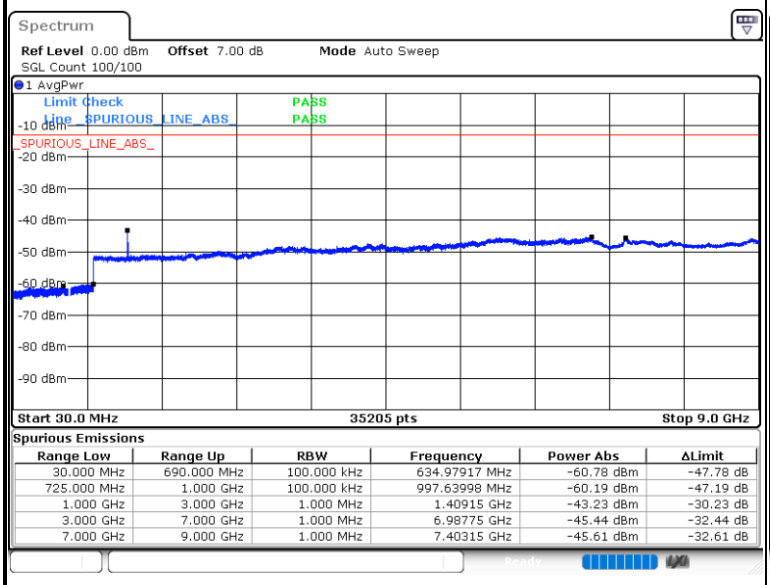




Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

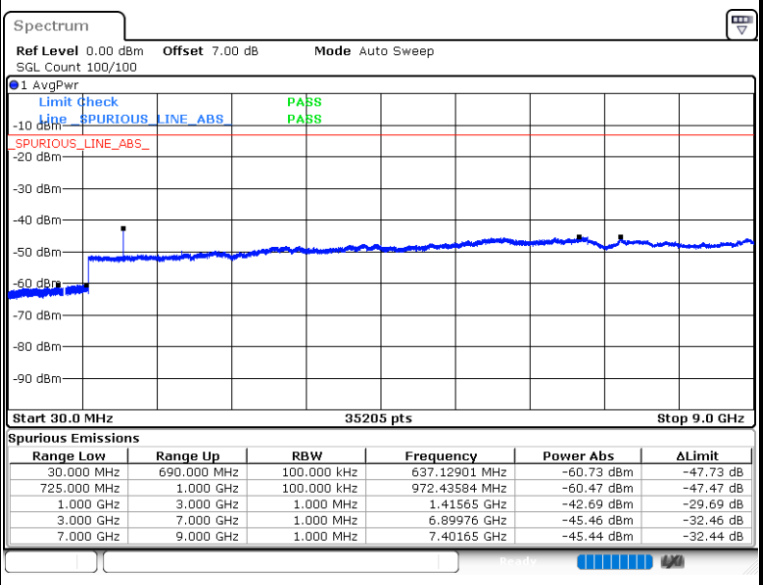


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	634.97917 MHz	-60.78 dBm	-47.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.63998 MHz	-60.19 dBm	-47.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-43.23 dBm	-30.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-45.44 dBm	-32.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40315 GHz	-45.61 dBm	-32.61 dB

Date: 20.AUG.2026 13:46:59

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	637.12901 MHz	-60.73 dBm	-47.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	972.43584 MHz	-60.47 dBm	-47.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41565 GHz	-42.69 dBm	-29.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89976 GHz	-45.46 dBm	-32.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40165 GHz	-45.44 dBm	-32.44 dB

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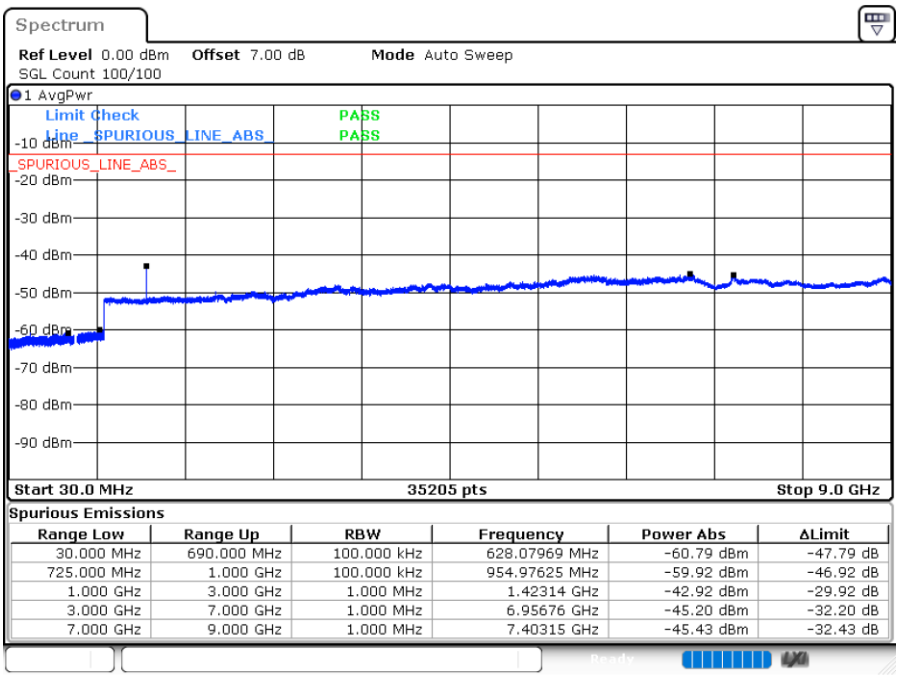
Highest Channel / QPSK



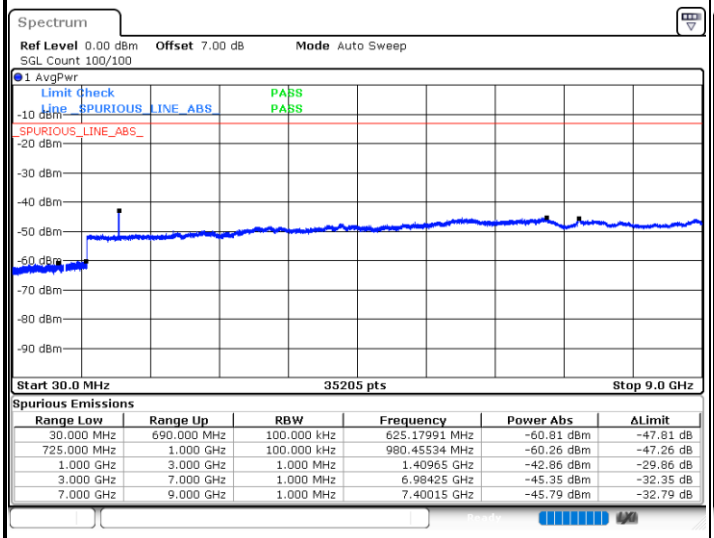
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.07969 MHz	-60.79 dBm	-47.79 dB
725.000 MHz	1.000 GHz	100.000 kHz	954.97625 MHz	-59.92 dBm	-46.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-42.92 dBm	-29.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-45.20 dBm	-32.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40315 GHz	-45.43 dBm	-32.43 dB

Date: 20.AUG.2026 13:50:12

LTE Band 17 / 10MHz

Lowest Channel / QPSK

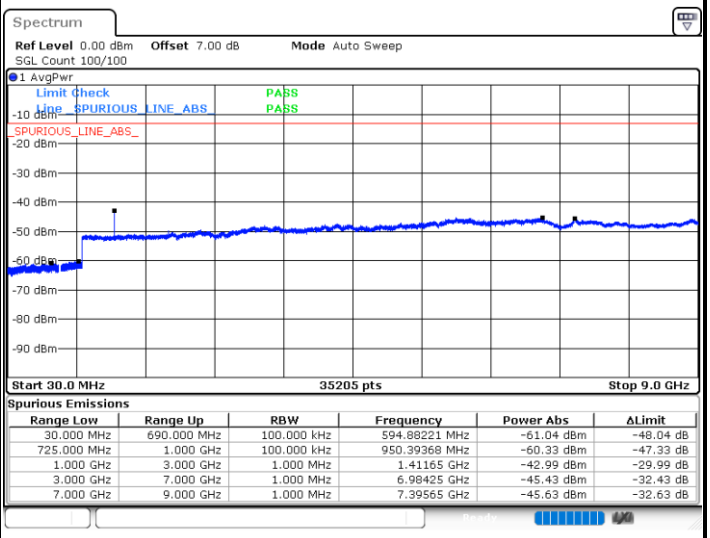


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.17991 MHz	-60.81 dBm	-47.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	980.45534 MHz	-60.26 dBm	-47.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-42.86 dBm	-29.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-45.35 dBm	-32.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40015 GHz	-45.79 dBm	-32.79 dB

Date: 20.AUG.2026 13:51:50

Middle Channel / QPSK

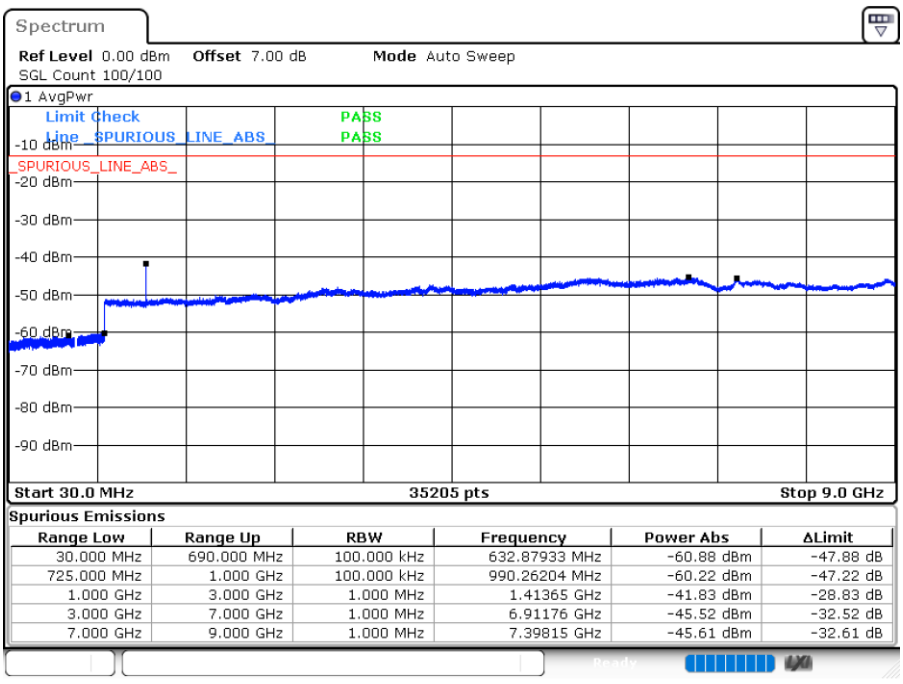


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	594.88221 MHz	-61.04 dBm	-48.04 dB
725.000 MHz	1.000 GHz	100.000 kHz	950.39368 MHz	-60.33 dBm	-47.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-45.43 dBm	-32.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39565 GHz	-45.63 dBm	-32.63 dB

Date: 20.AUG.2026 13:53:30

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	632.87933 MHz	-60.88 dBm	-47.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.26204 MHz	-60.22 dBm	-47.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-41.83 dBm	-28.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91176 GHz	-45.52 dBm	-32.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39815 GHz	-45.61 dBm	-32.61 dB

Date: 20.AUG.2026 13:55:07

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (△f) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0024	1.7	Yes	PASS
40	Normal Voltage	0.0115	-8.2	Yes	
30	Normal Voltage	0.0082	-5.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0006	0.4	Yes	
0	Normal Voltage	0.0068	4.8	Yes	
-10	Normal Voltage	0.0020	-1.4	Yes	
-20	Normal Voltage	0.0056	4	Yes	
-30	Normal Voltage	0.0066	4.7	Yes	
20	Maximum Voltage	0.0092	-6.5	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0001	0.1	Yes	

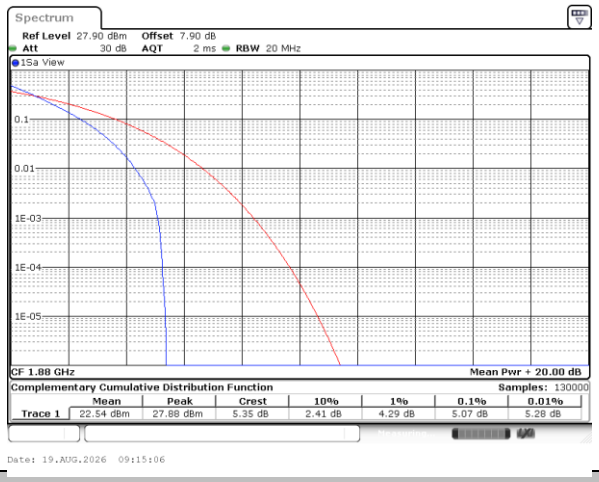
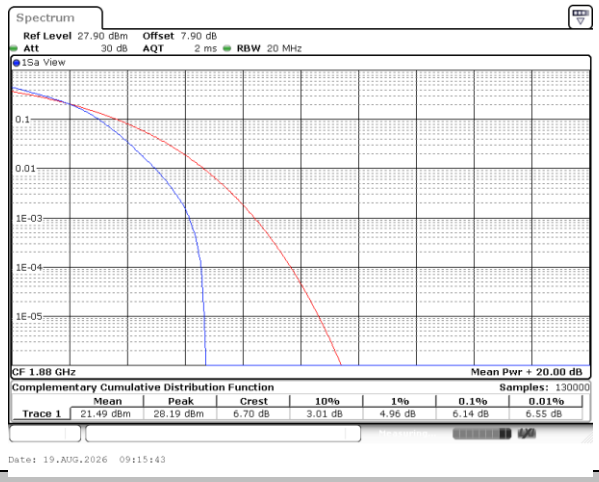
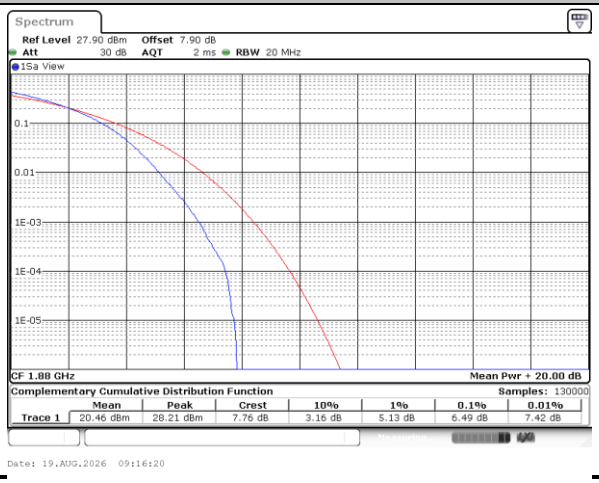
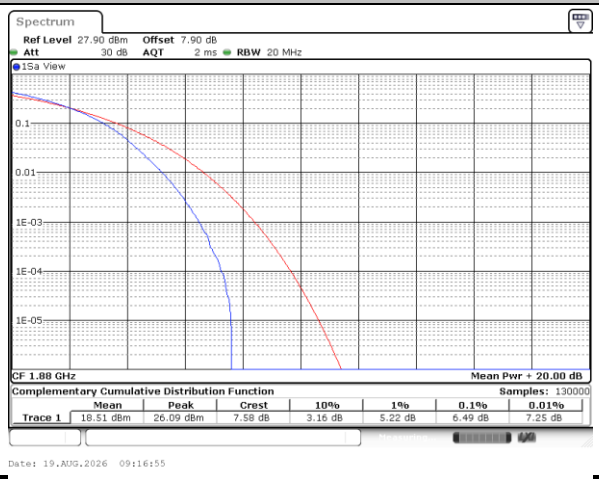
Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 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 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.07	6.14	6.49	6.49	PASS

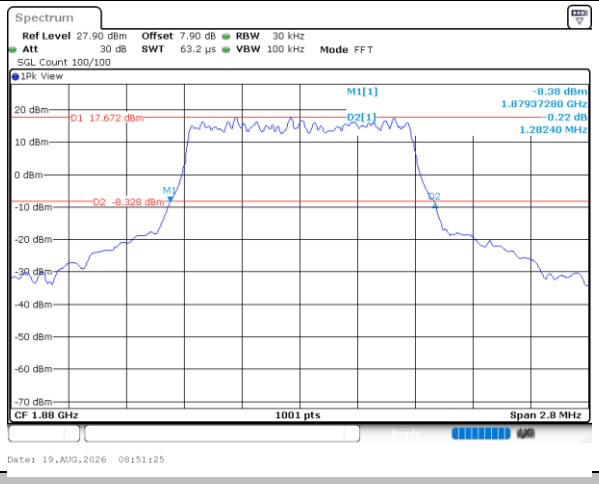
LTE Band 25 / 20MHz / QPSK	LTE Band 25 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 25 / 20MHz / 64QAM	LTE Band 25 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

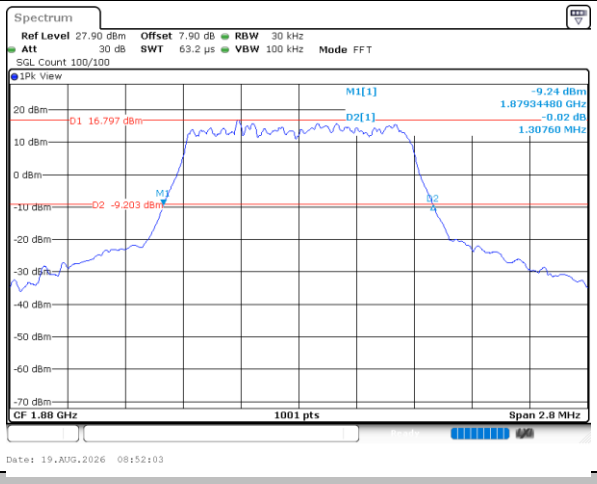
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.30	3.06	3.04	5.06	4.93	9.90	9.90	14.52	14.76	18.72	19.16

LTE Band 25

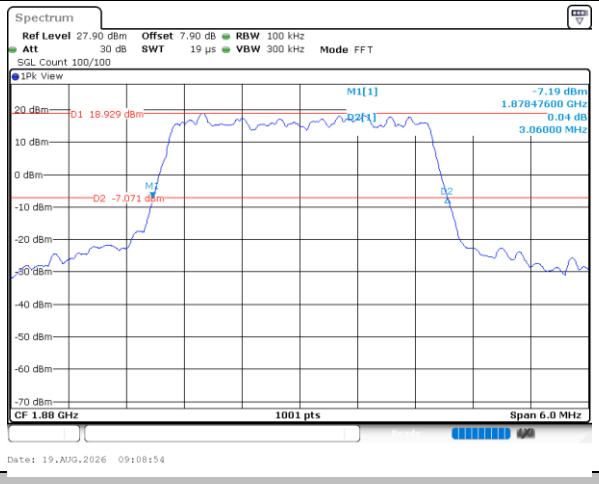
Middle Channel / 1.4MHz / QPSK



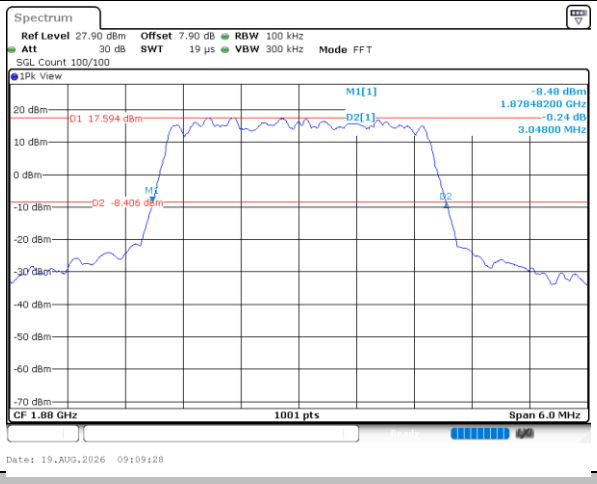
Middle Channel / 1.4MHz / 16QAM



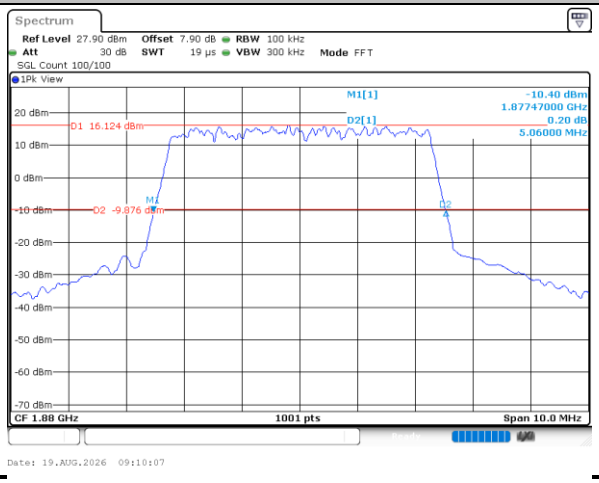
Middle Channel / 3MHz / QPSK



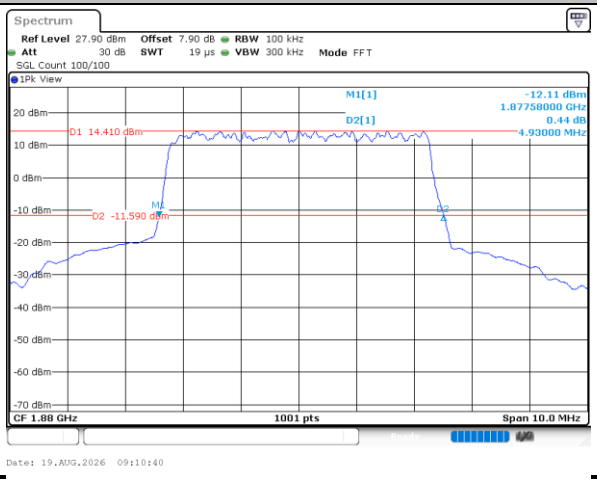
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

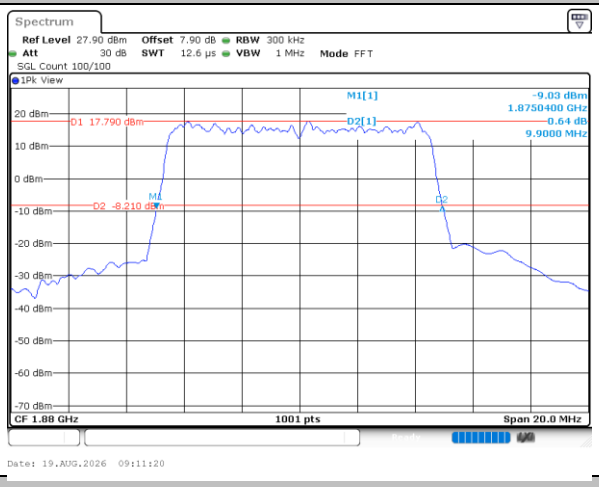


Middle Channel / 5MHz / 16QAM

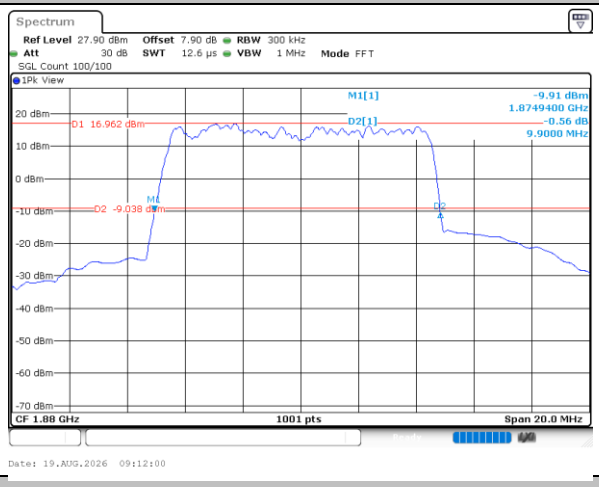


LTE Band 25

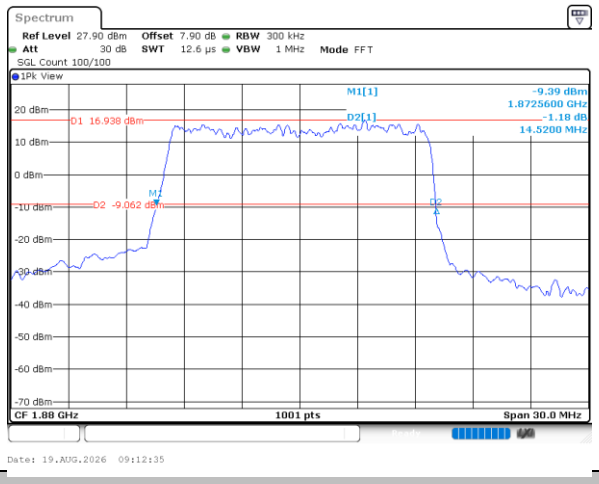
Middle Channel / 10MHz / QPSK



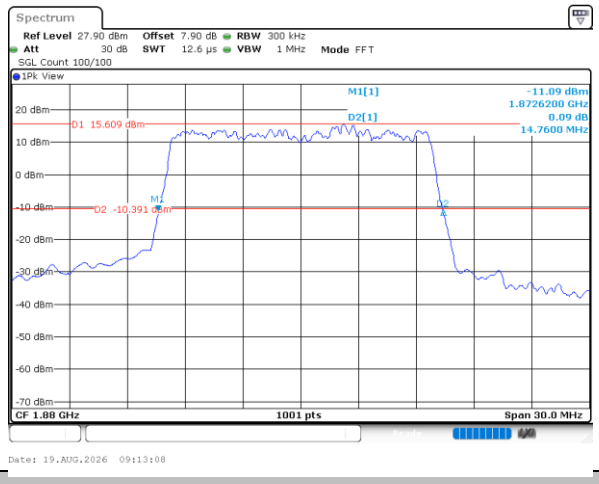
Middle Channel / 10MHz / 16QAM



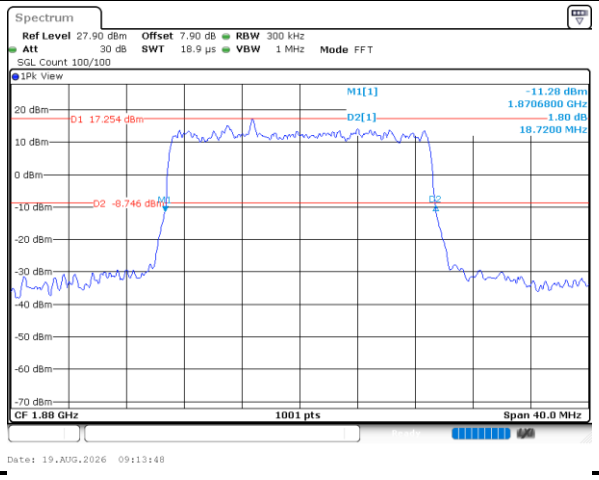
Middle Channel / 15MHz / QPSK



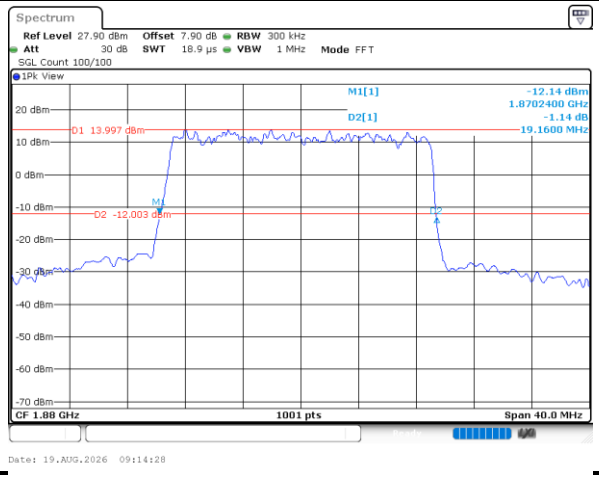
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

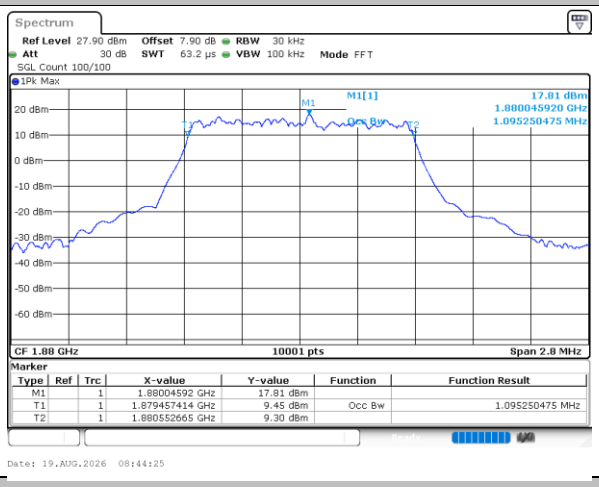


Occupied Bandwidth

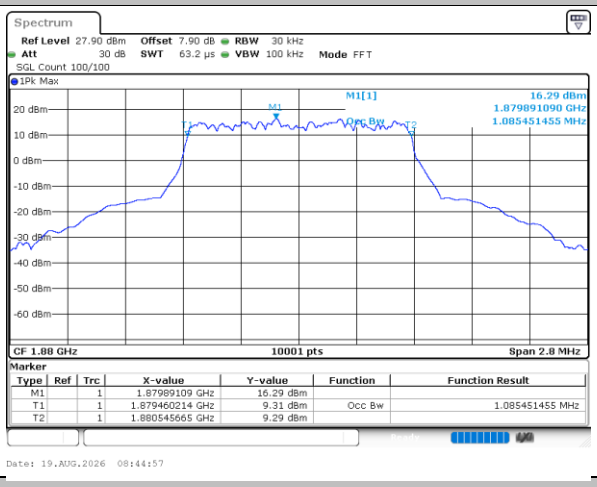
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.08	2.70	2.73	4.48	4.48	9.03	9.00	13.44	13.46	17.88	17.82

LTE Band 25

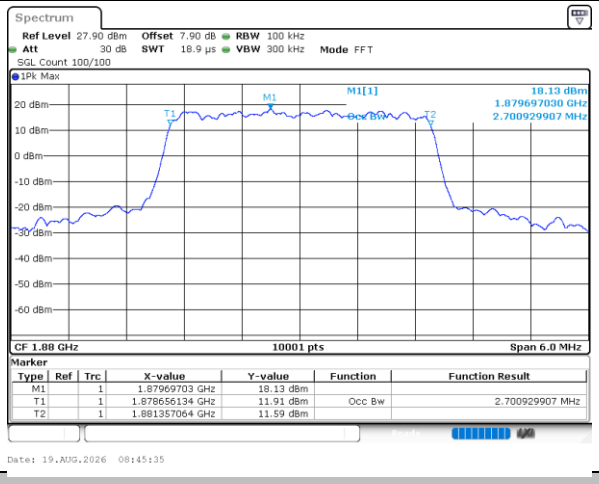
Middle Channel / 1.4MHz / QPSK



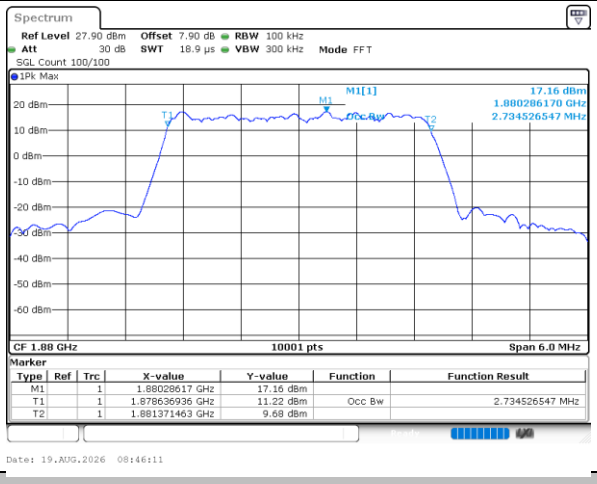
Middle Channel / 1.4MHz / 16QAM



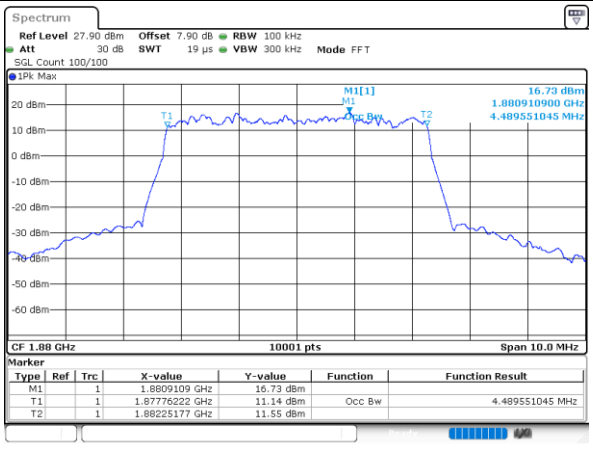
Middle Channel / 3MHz / QPSK



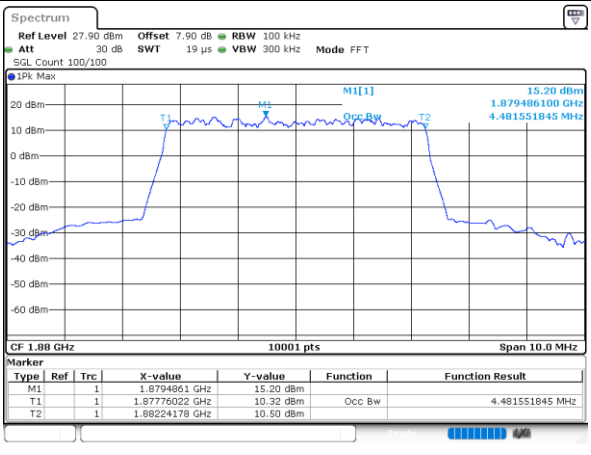
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

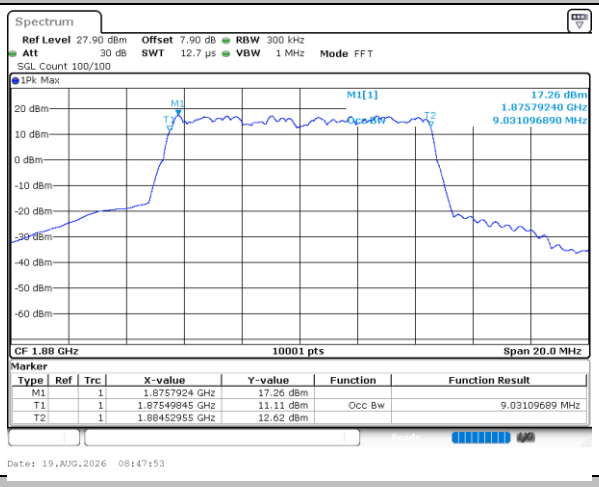


Middle Channel / 5MHz / 16QAM

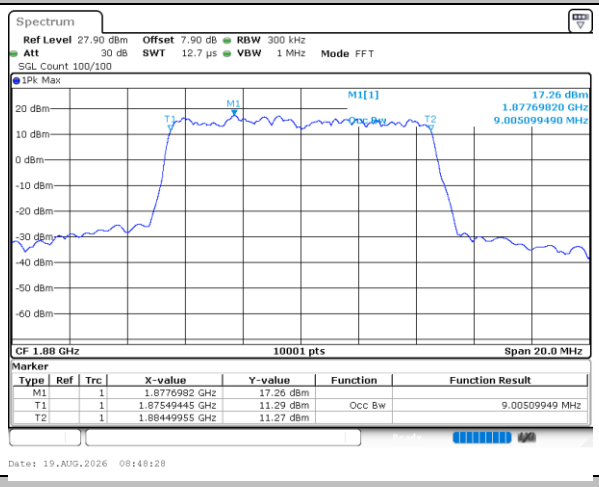


LTE Band 25

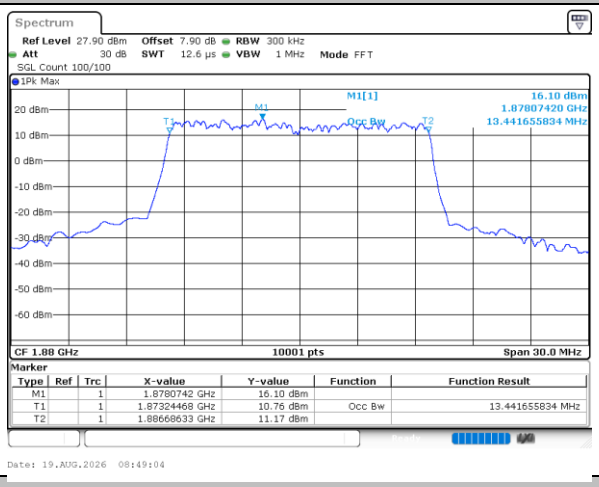
Middle Channel / 10MHz / QPSK



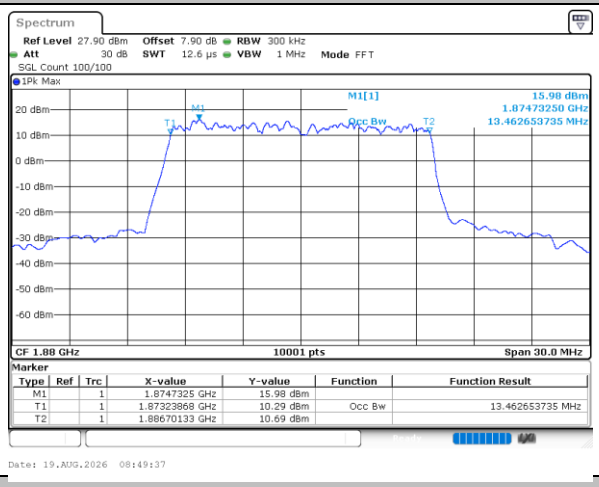
Middle Channel / 10MHz / 16QAM



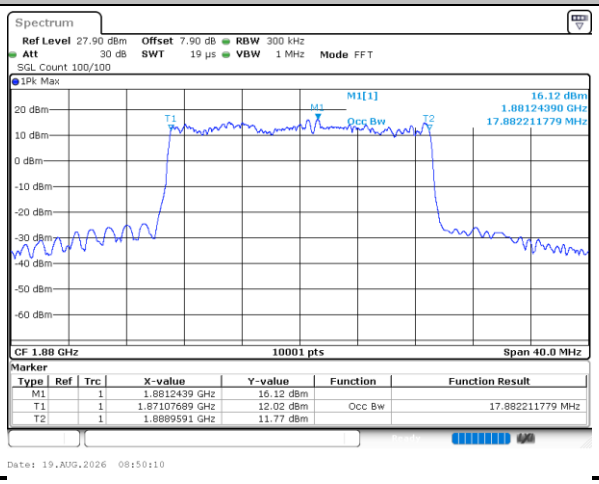
Middle Channel / 15MHz / QPSK



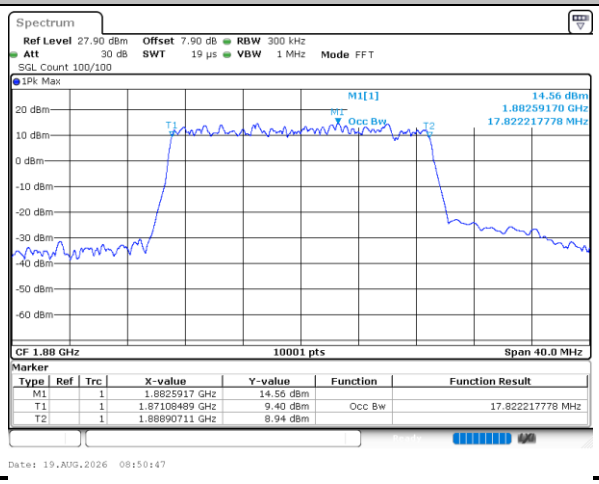
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



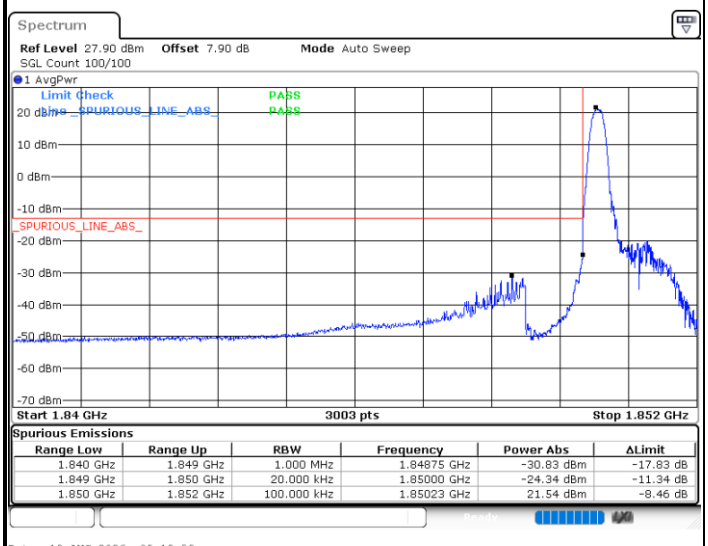
Middle Channel / 20MHz / 16QAM



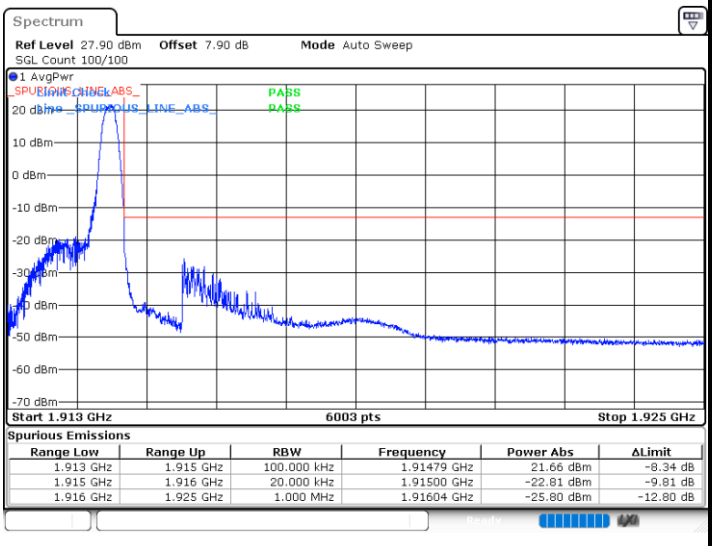
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

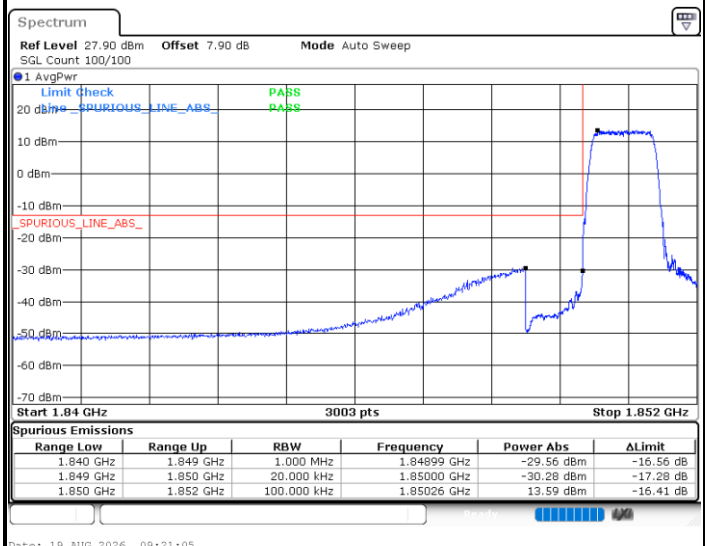
Lowest Band Edge / 1RB



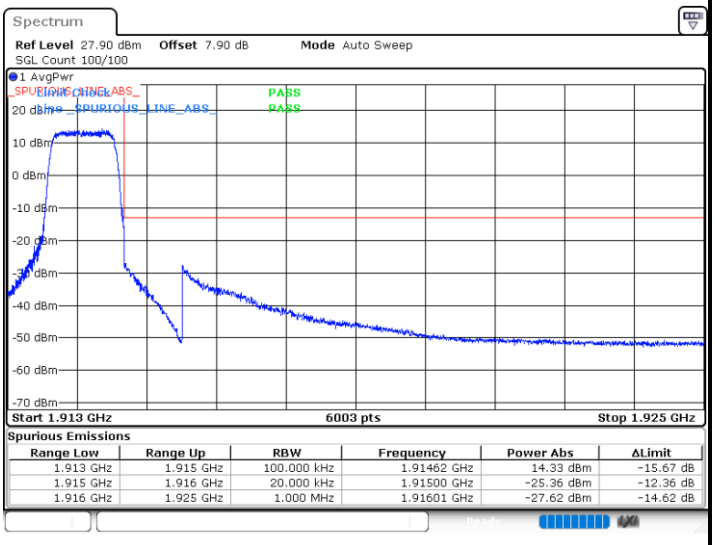
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

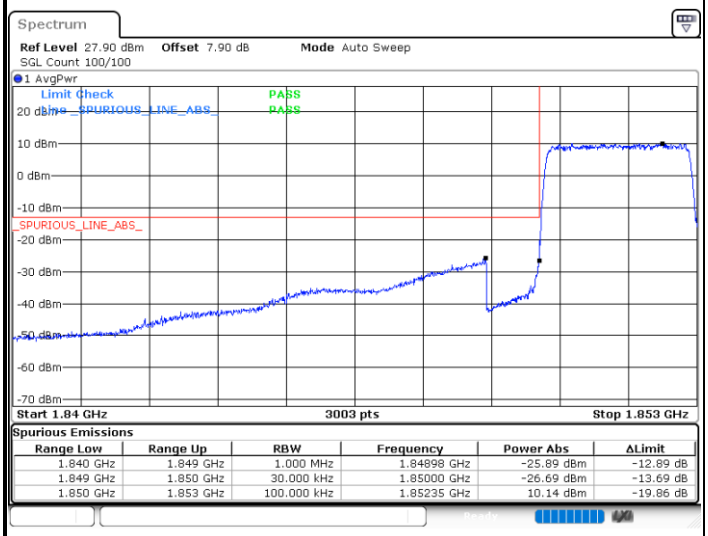


Highest Band Edge / Full RB



LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB

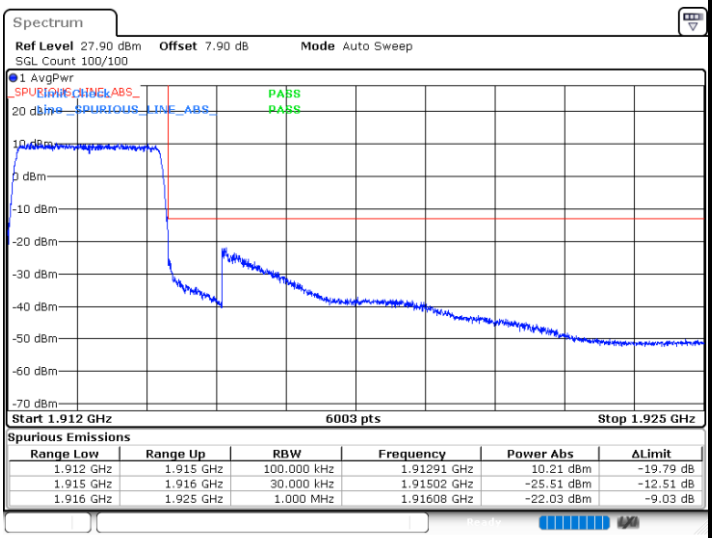


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-25.89 dBm	-12.89 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-26.69 dBm	-13.69 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85235 GHz	10.14 dBm	-19.86 dB

Date: 19.AUG.2026 09:24:46

Highest Band Edge / Full RB



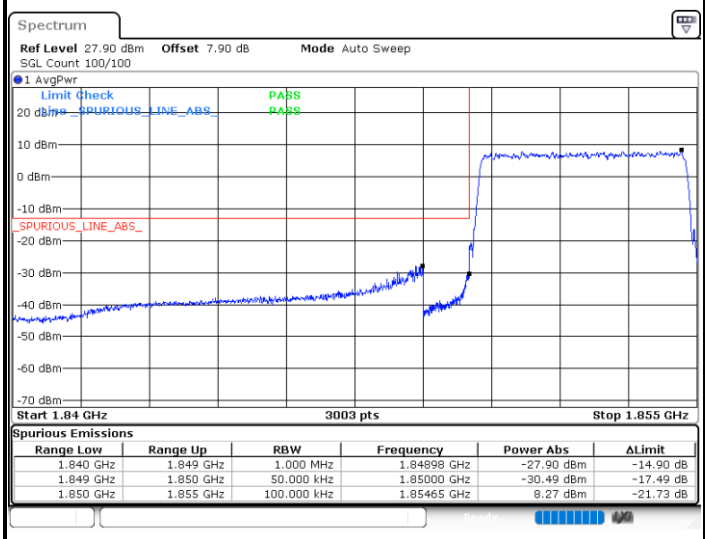
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91291 GHz	10.21 dBm	-19.79 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91502 GHz	-25.51 dBm	-12.51 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91608 GHz	-22.03 dBm	-9.03 dB

Date: 19.AUG.2026 09:25:58

LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / Full RB

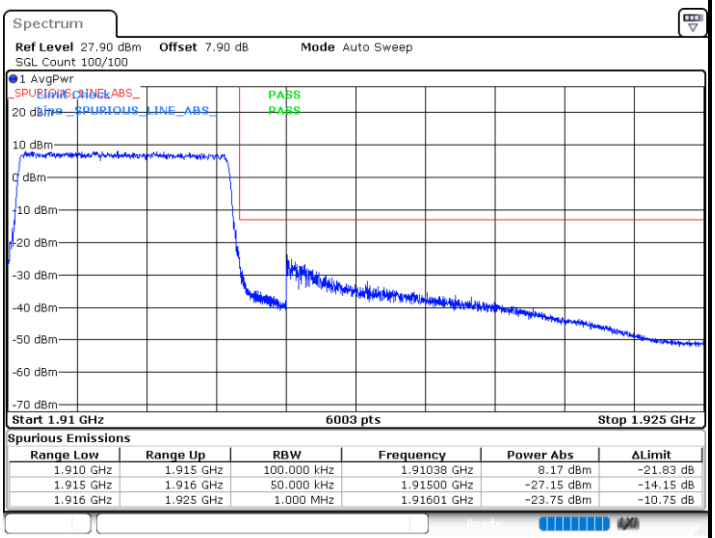


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-27.90 dBm	-14.90 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-30.49 dBm	-17.49 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85465 GHz	8.27 dBm	-21.73 dB

Date: 19.AUG.2026 09:27:11

Highest Band Edge / Full RB



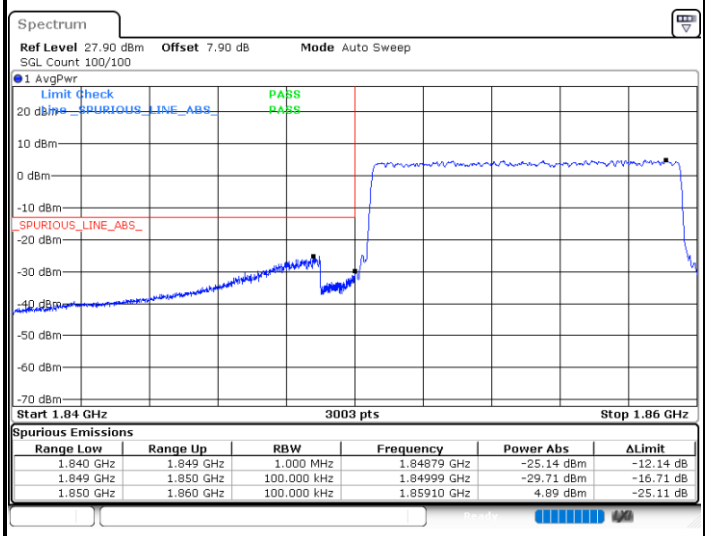
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.910 GHz	1.915 GHz	100.000 kHz	1.91038 GHz	8.17 dBm	-21.83 dB
1.915 GHz	1.916 GHz	50.000 kHz	1.91500 GHz	-27.15 dBm	-14.15 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-23.75 dBm	-10.75 dB

Date: 19.AUG.2026 09:28:22

LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / Full RB

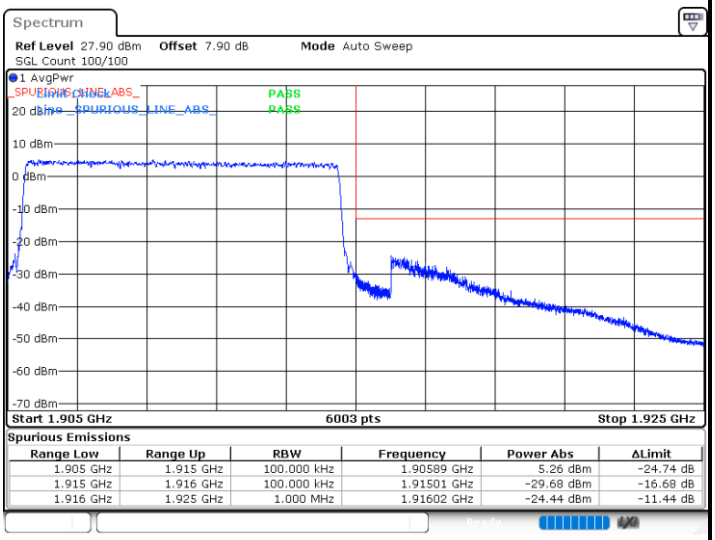


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84879 GHz	-25.14 dBm	-12.14 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-29.71 dBm	-16.71 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85910 GHz	4.89 dBm	-25.11 dB

Date: 19.AUG.2026 09:29:37

Highest Band Edge / Full RB



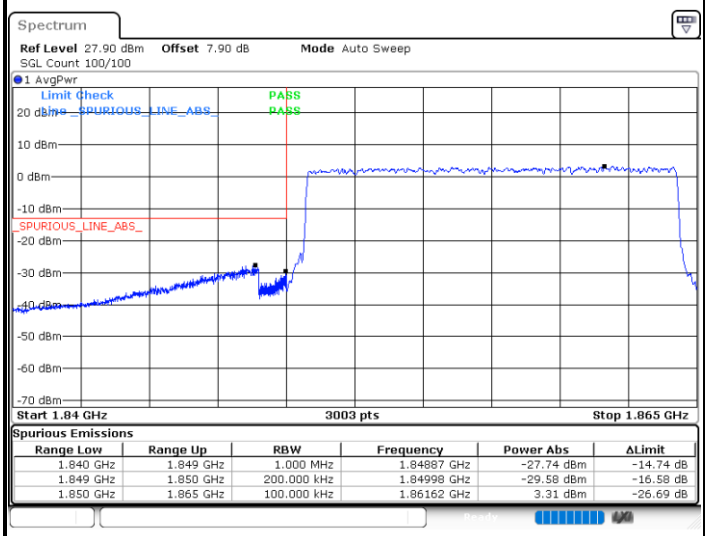
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.915 GHz	100.000 kHz	1.90589 GHz	5.26 dBm	-24.74 dB
1.915 GHz	1.916 GHz	100.000 kHz	1.91501 GHz	-29.68 dBm	-16.68 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91602 GHz	-24.44 dBm	-11.44 dB

Date: 19.AUG.2026 09:30:50

LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / Full RB

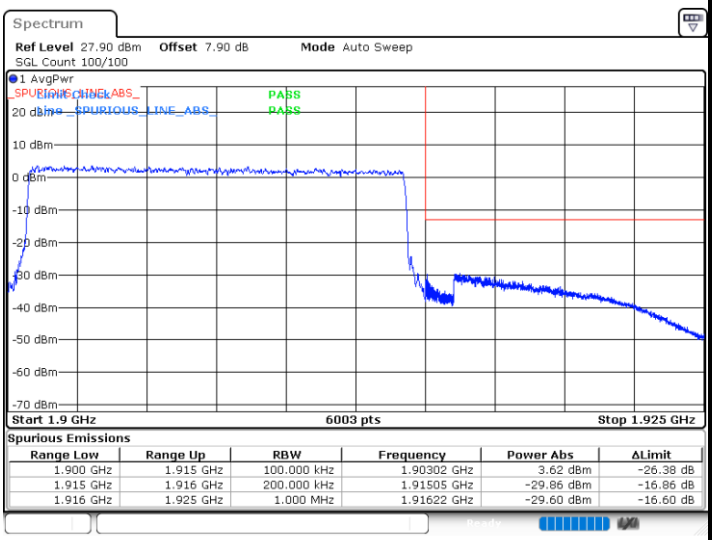


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84887 GHz	-27.74 dBm	-14.74 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-29.58 dBm	-16.58 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86162 GHz	3.31 dBm	-26.69 dB

Date: 19.AUG.2026 09:33:18

Highest Band Edge / Full RB

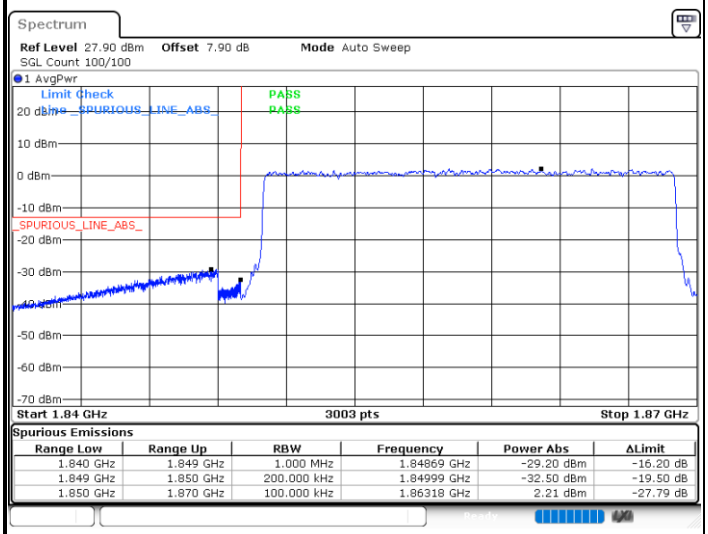


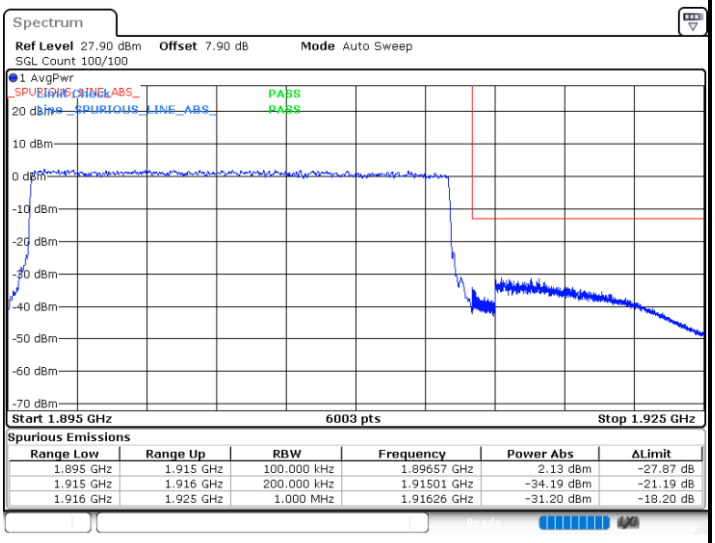
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.90302 GHz	3.62 dBm	-26.38 dB
1.915 GHz	1.916 GHz	200.000 kHz	1.91505 GHz	-29.86 dBm	-16.86 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91622 GHz	-29.60 dBm	-16.60 dB

Date: 19.AUG.2026 09:32:03

LTE Band 25 / 20MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

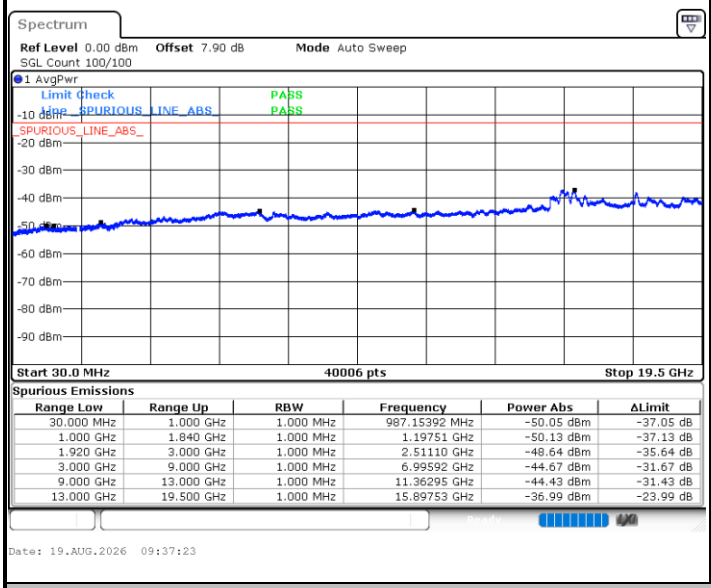




Conducted Spurious Emission

LTE Band 25 / 1.4MHz

Lowest Channel / QPSK

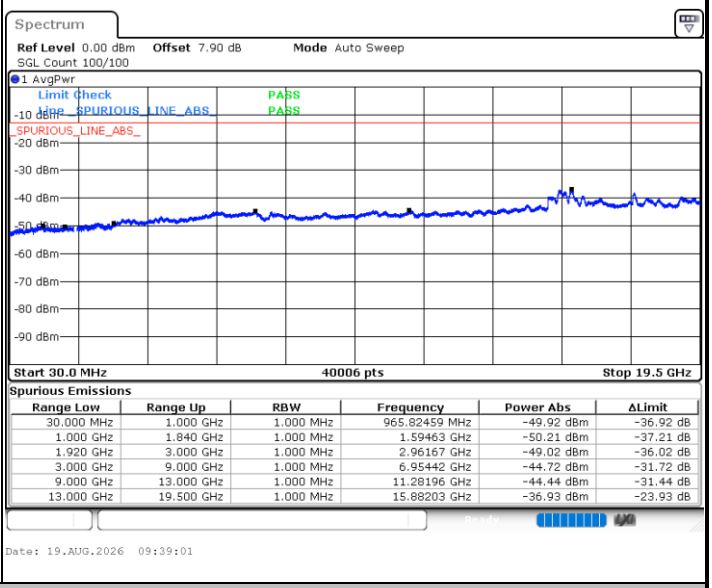


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-50.05 dBm	-37.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.19751 GHz	-50.13 dBm	-37.13 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51110 GHz	-48.64 dBm	-35.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-44.67 dBm	-31.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36295 GHz	-44.43 dBm	-31.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89753 GHz	-36.99 dBm	-23.99 dB

Date: 19.AUG.2026 09:37:23

Middle Channel / QPSK

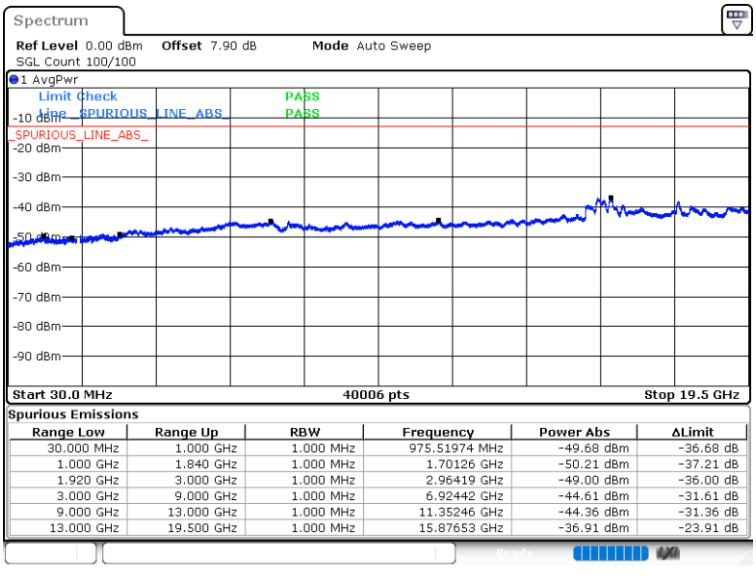


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-49.92 dBm	-36.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59463 GHz	-50.21 dBm	-37.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96167 GHz	-49.02 dBm	-36.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95442 GHz	-44.72 dBm	-31.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.28196 GHz	-44.44 dBm	-31.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88203 GHz	-36.93 dBm	-23.93 dB

Date: 19.AUG.2026 09:39:01

Highest Channel / QPSK



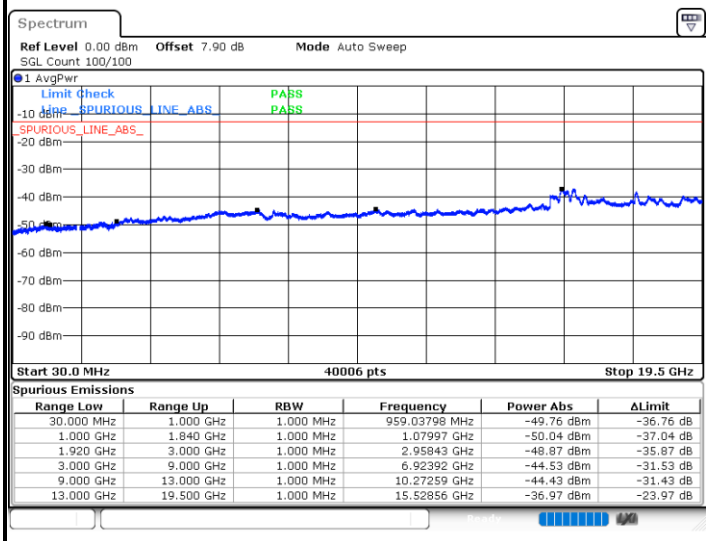
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-49.68 dBm	-36.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70126 GHz	-50.21 dBm	-37.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96419 GHz	-49.00 dBm	-36.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92442 GHz	-44.61 dBm	-31.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.35246 GHz	-44.36 dBm	-31.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87653 GHz	-36.91 dBm	-23.91 dB

Date: 19.AUG.2026 09:40:41

LTE Band 25 / 3MHz

Lowest Channel / QPSK

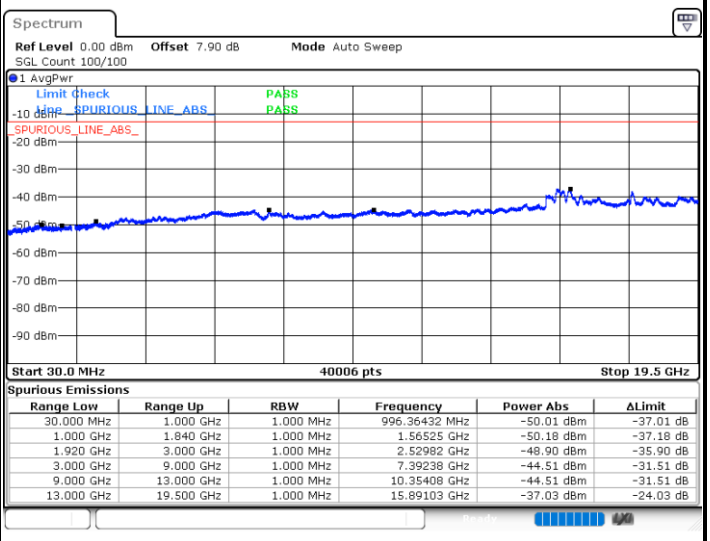


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-49.76 dBm	-36.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.07997 GHz	-50.04 dBm	-37.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95843 GHz	-48.87 dBm	-35.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92392 GHz	-44.53 dBm	-31.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.27259 GHz	-44.43 dBm	-31.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.52856 GHz	-36.97 dBm	-23.97 dB

Date: 19.AUG.2026 09:42:17

Middle Channel / QPSK

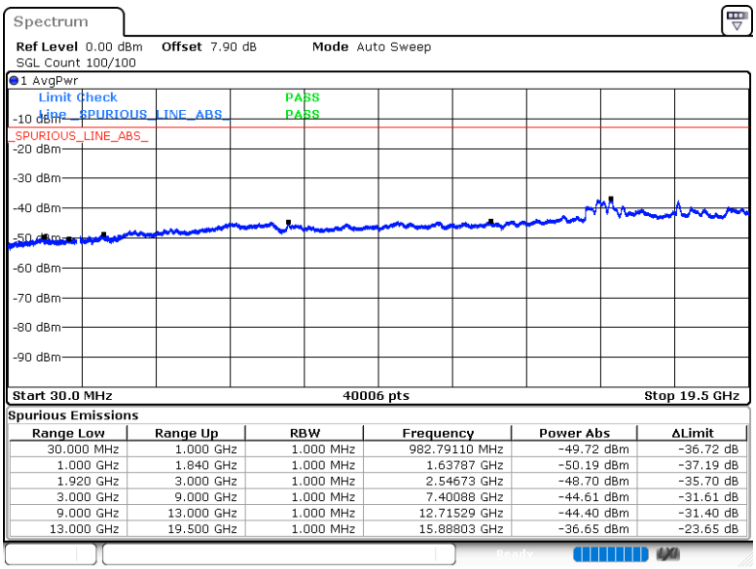


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-50.01 dBm	-37.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.56525 GHz	-50.18 dBm	-37.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52982 GHz	-48.90 dBm	-35.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.39238 GHz	-44.51 dBm	-31.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.35408 GHz	-44.51 dBm	-31.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89103 GHz	-37.03 dBm	-24.03 dB

Date: 19.AUG.2026 09:43:53

Highest Channel / QPSK



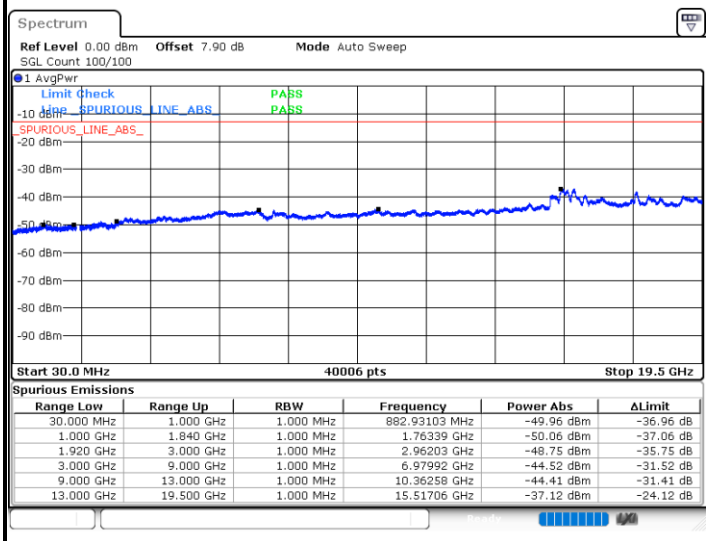
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-49.72 dBm	-36.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63787 GHz	-50.19 dBm	-37.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.54673 GHz	-48.70 dBm	-35.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.40088 GHz	-44.61 dBm	-31.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71529 GHz	-44.40 dBm	-31.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88803 GHz	-36.65 dBm	-23.65 dB

Date: 19.AUG.2026 09:45:34

LTE Band 25 / 5MHz

Lowest Channel / QPSK

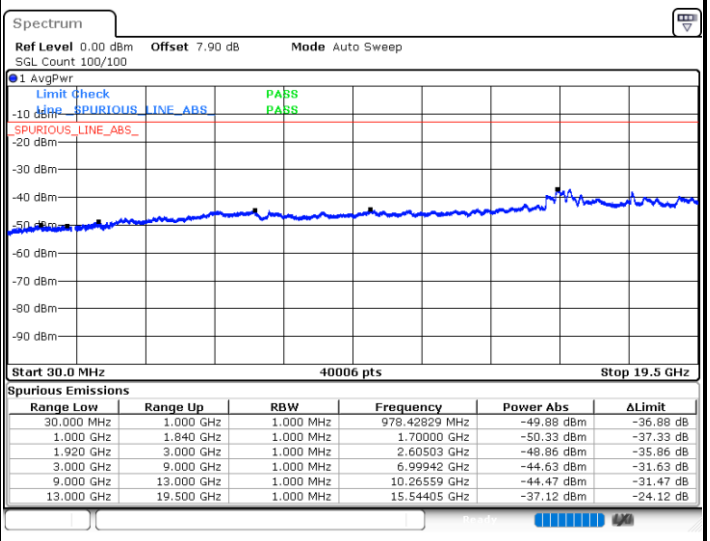


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-49.96 dBm	-36.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76339 GHz	-50.06 dBm	-37.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96203 GHz	-48.75 dBm	-35.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97992 GHz	-44.52 dBm	-31.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.36258 GHz	-44.41 dBm	-31.41 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.51706 GHz	-37.12 dBm	-24.12 dB

Date: 19.AUG.2026 09:47:12

Middle Channel / QPSK

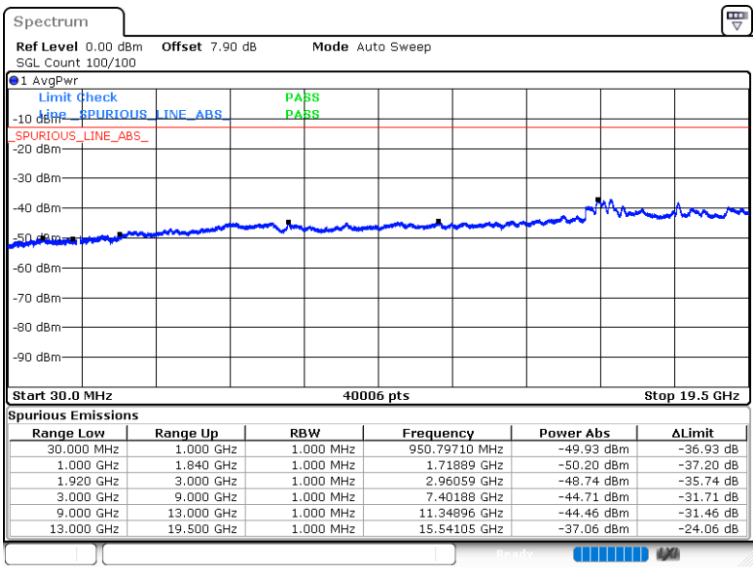


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-49.88 dBm	-36.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70000 GHz	-50.33 dBm	-37.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.60503 GHz	-48.86 dBm	-35.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-44.63 dBm	-31.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.26559 GHz	-44.47 dBm	-31.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54405 GHz	-37.12 dBm	-24.12 dB

Date: 19.AUG.2026 09:48:48

Highest Channel / QPSK



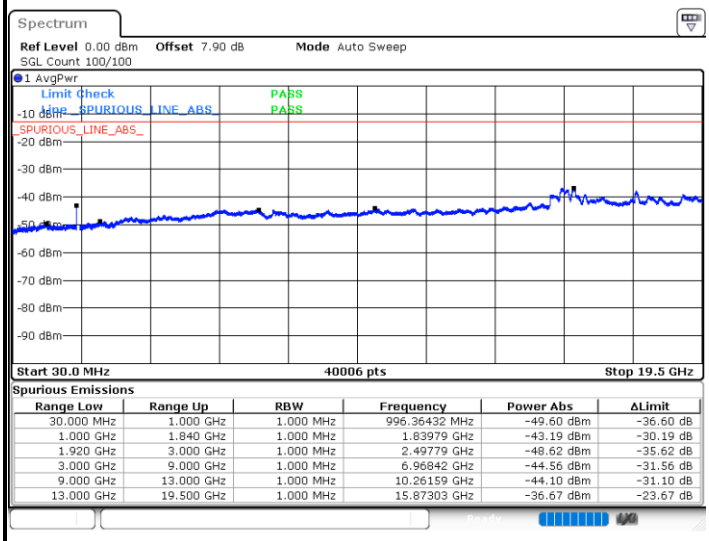
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.79710 MHz	-49.93 dBm	-36.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.71889 GHz	-50.20 dBm	-37.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96059 GHz	-48.74 dBm	-35.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.40188 GHz	-44.71 dBm	-31.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34896 GHz	-44.46 dBm	-31.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54105 GHz	-37.06 dBm	-24.06 dB

Date: 19.AUG.2026 09:51:33

LTE Band 25 / 10MHz

Lowest Channel / QPSK

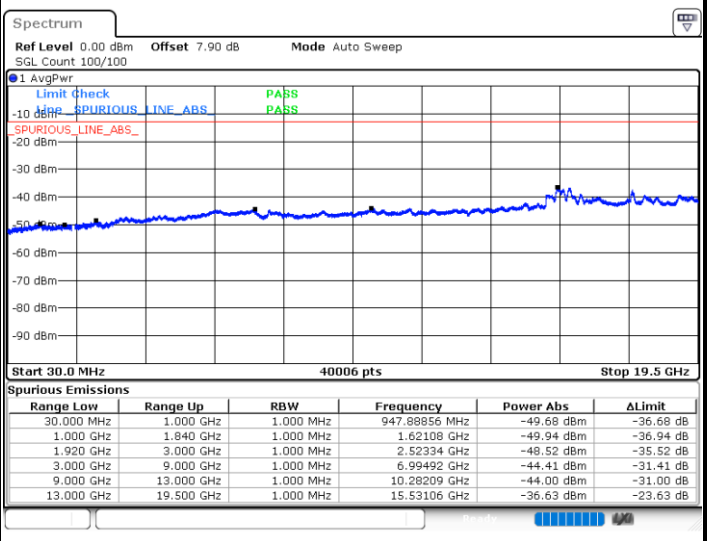


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-49.60 dBm	-36.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-43.19 dBm	-30.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49779 GHz	-48.62 dBm	-35.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96842 GHz	-44.56 dBm	-31.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.26159 GHz	-44.10 dBm	-31.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87303 GHz	-36.67 dBm	-23.67 dB

Date: 19.AUG.2026 10:42:41

Middle Channel / QPSK

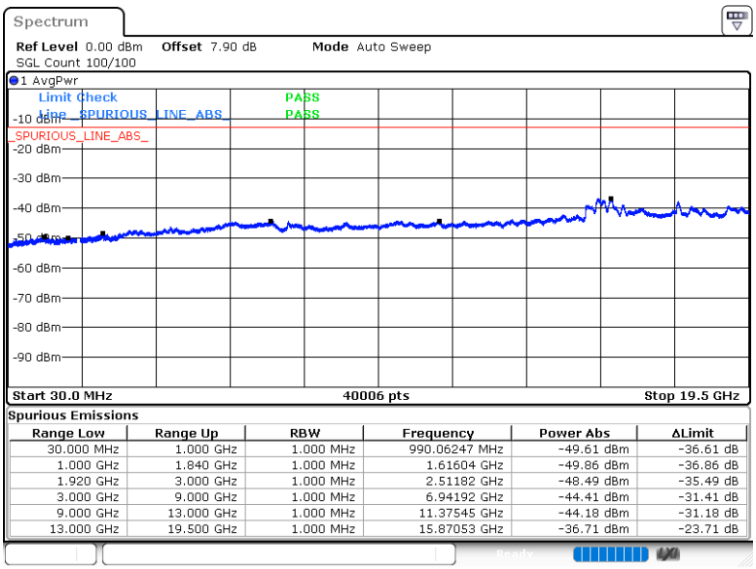


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-49.68 dBm	-36.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62108 GHz	-49.94 dBm	-36.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52334 GHz	-48.52 dBm	-35.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-44.41 dBm	-31.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28209 GHz	-44.00 dBm	-31.00 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53106 GHz	-36.63 dBm	-23.63 dB

Date: 19.AUG.2026 10:44:19

Highest Channel / QPSK



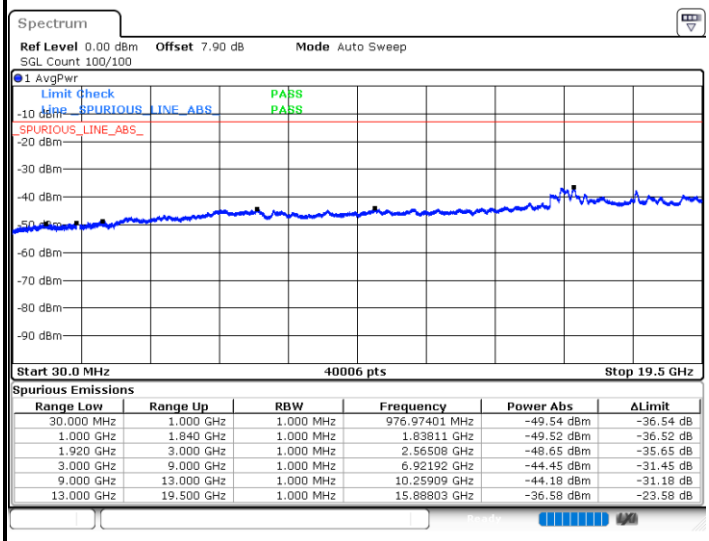
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-49.61 dBm	-36.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61604 GHz	-49.86 dBm	-36.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51182 GHz	-48.49 dBm	-35.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94192 GHz	-44.41 dBm	-31.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.37545 GHz	-44.18 dBm	-31.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87053 GHz	-36.71 dBm	-23.71 dB

Date: 19.AUG.2026 10:45:54

LTE Band 25 / 15MHz

Lowest Channel / QPSK

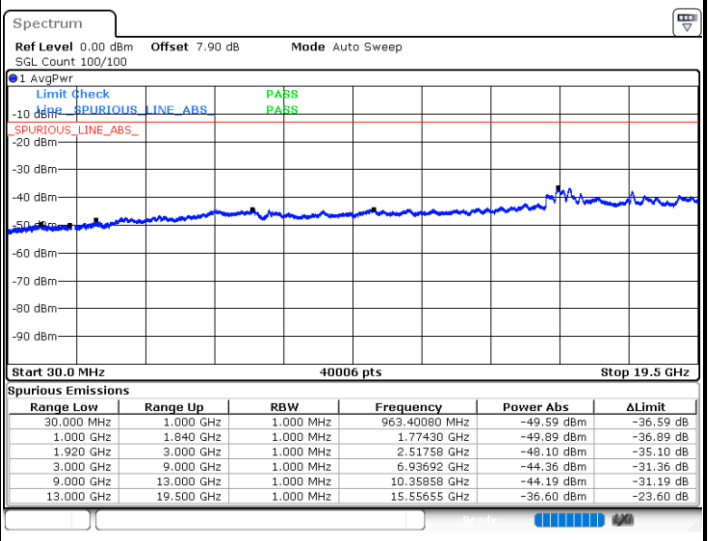


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-49.54 dBm	-36.54 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-49.52 dBm	-36.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.56508 GHz	-48.65 dBm	-35.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92192 GHz	-44.45 dBm	-31.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.25909 GHz	-44.18 dBm	-31.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88803 GHz	-36.58 dBm	-23.58 dB

Date: 19.AUG.2026 10:47:31

Middle Channel / QPSK

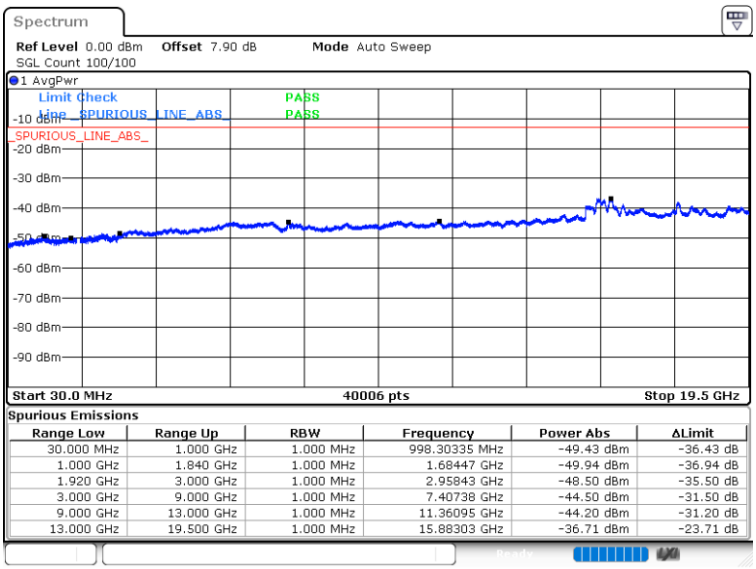


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-49.59 dBm	-36.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77430 GHz	-49.89 dBm	-36.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51758 GHz	-48.10 dBm	-35.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93692 GHz	-44.36 dBm	-31.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.35858 GHz	-44.19 dBm	-31.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.55655 GHz	-36.60 dBm	-23.60 dB

Date: 19.AUG.2026 10:49:09

Highest Channel / QPSK



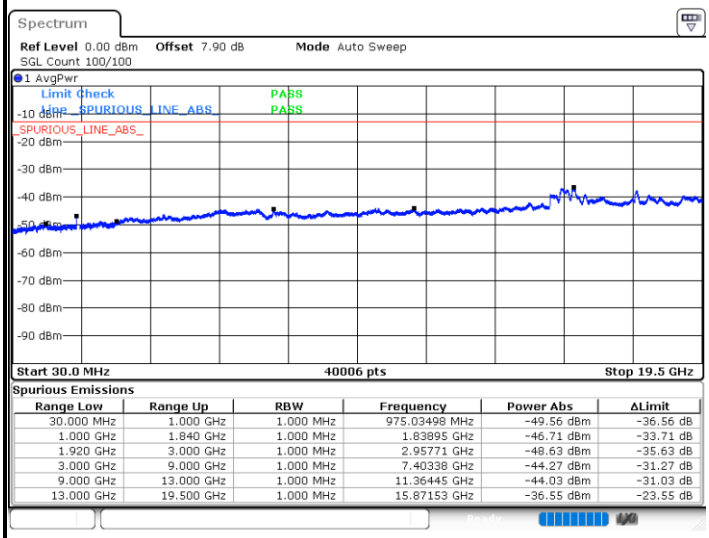
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-49.43 dBm	-36.43 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68447 GHz	-49.94 dBm	-36.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95843 GHz	-48.50 dBm	-35.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.40738 GHz	-44.50 dBm	-31.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36095 GHz	-44.20 dBm	-31.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88303 GHz	-36.71 dBm	-23.71 dB

Date: 19.AUG.2026 10:50:44

LTE Band 25 / 20MHz

Lowest Channel / QPSK

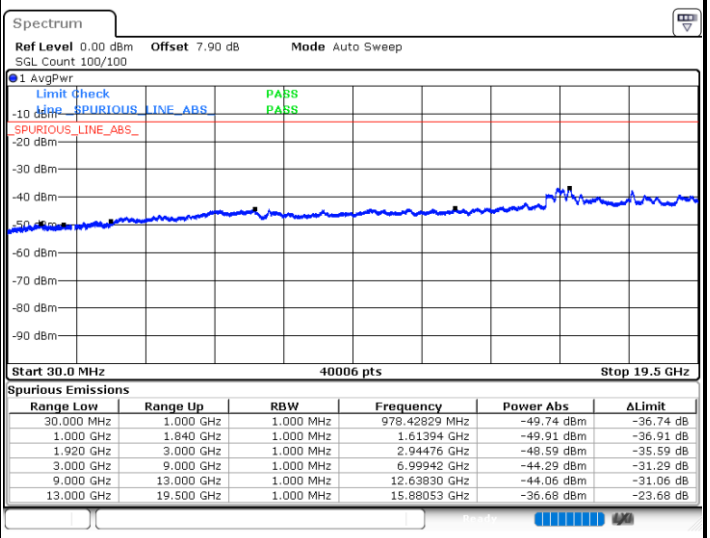


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-49.56 dBm	-36.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-46.71 dBm	-33.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95771 GHz	-48.63 dBm	-35.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.40338 GHz	-44.27 dBm	-31.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36445 GHz	-44.03 dBm	-31.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87153 GHz	-36.55 dBm	-23.55 dB

Date: 19.AUG.2026 10:52:20

Middle Channel / QPSK

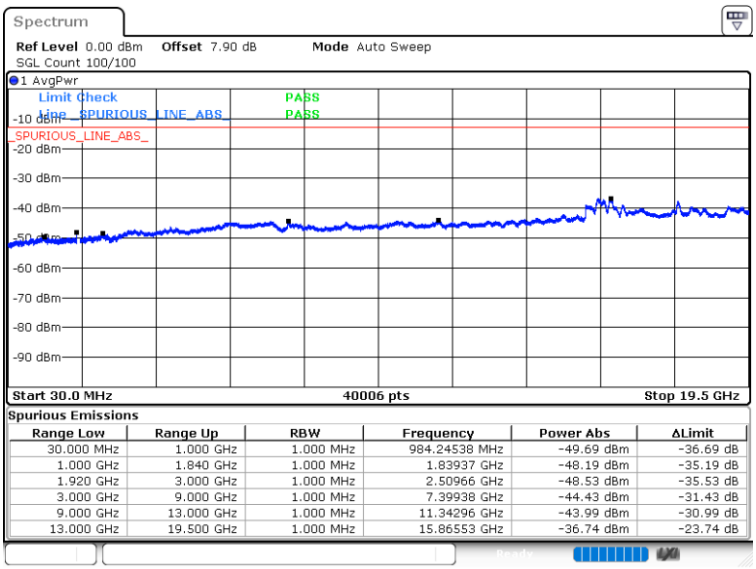


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-49.74 dBm	-36.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61394 GHz	-49.91 dBm	-36.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94476 GHz	-48.59 dBm	-35.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-44.29 dBm	-31.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63830 GHz	-44.06 dBm	-31.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88053 GHz	-36.68 dBm	-23.68 dB

Date: 19.AUG.2026 10:53:54

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-49.69 dBm	-36.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-48.19 dBm	-35.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50966 GHz	-48.53 dBm	-35.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.39938 GHz	-44.43 dBm	-31.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34296 GHz	-43.99 dBm	-30.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.86553 GHz	-36.74 dBm	-23.74 dB

Date: 19.AUG.2026 10:55:32

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (△f) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0040	7.5	Yes	PASS
40	Normal Voltage	0.0054	10.2	Yes	
30	Normal Voltage	0.0052	9.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0023	4.3	Yes	
0	Normal Voltage	0.0067	12.6	Yes	
-10	Normal Voltage	0.0072	13.5	Yes	
-20	Normal Voltage	0.0030	-5.7	Yes	
-30	Normal Voltage	0.0022	4.2	Yes	
20	Maximum Voltage	0.0005	1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0009	-1.6	Yes	

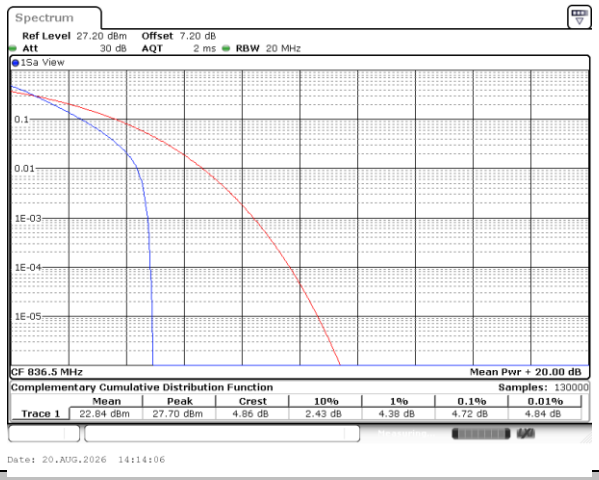
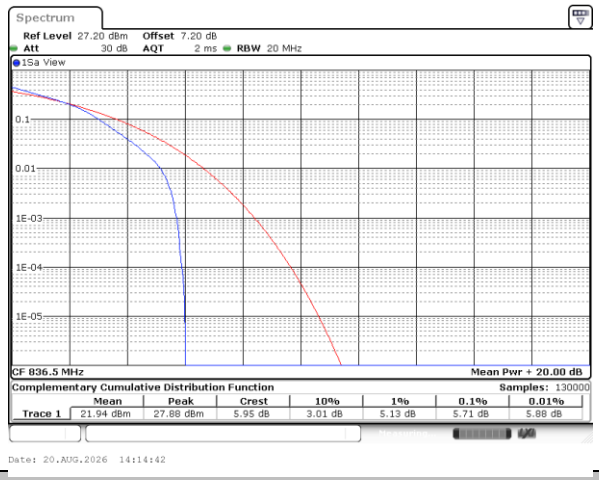
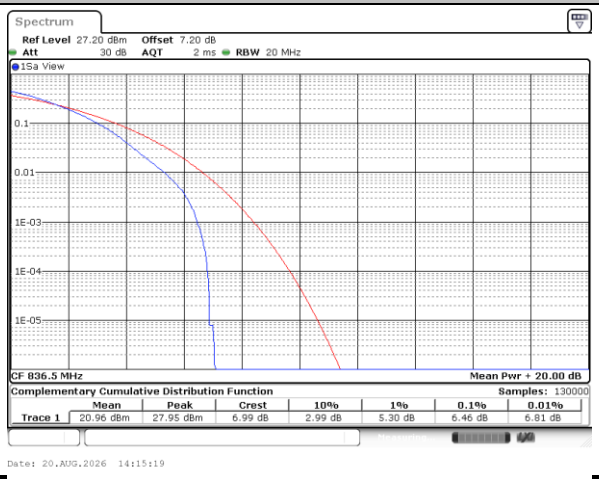
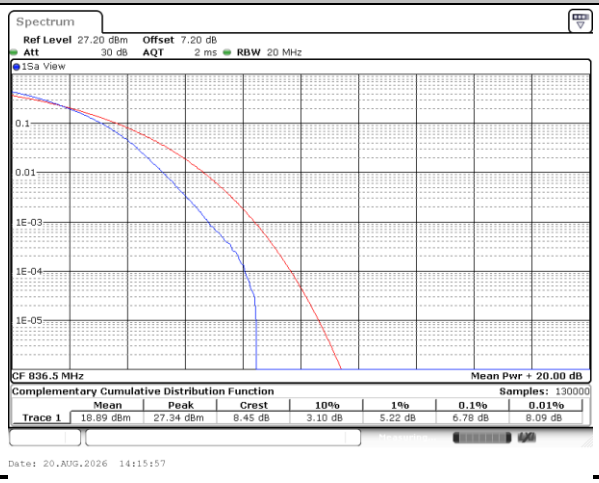
Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 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 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.71	6.46	6.78	PASS

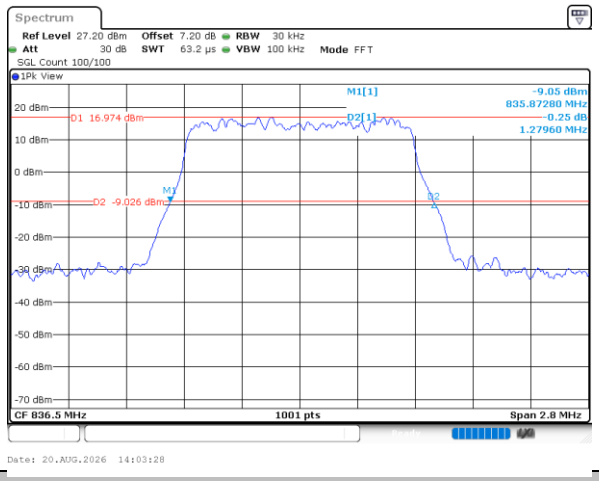
LTE Band 26 / 15MHz / QPSK	LTE Band 26 / 15MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 26 / 15MHz / 64QAM	LTE Band 26 / 15MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

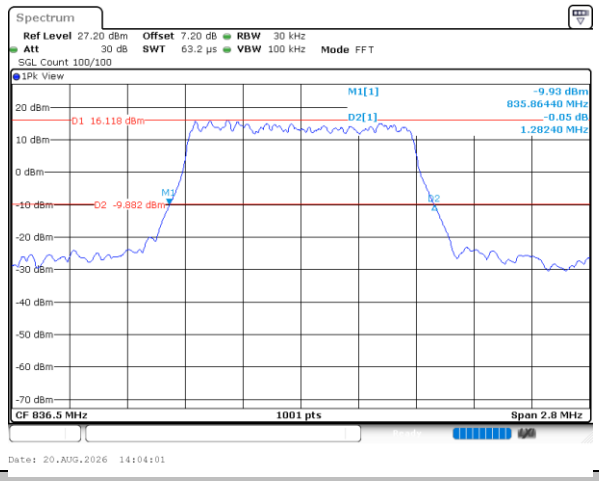
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.28	3.06	3.07	4.86	4.96	9.92	9.98	14.61	14.64	-	-

LTE Band 26

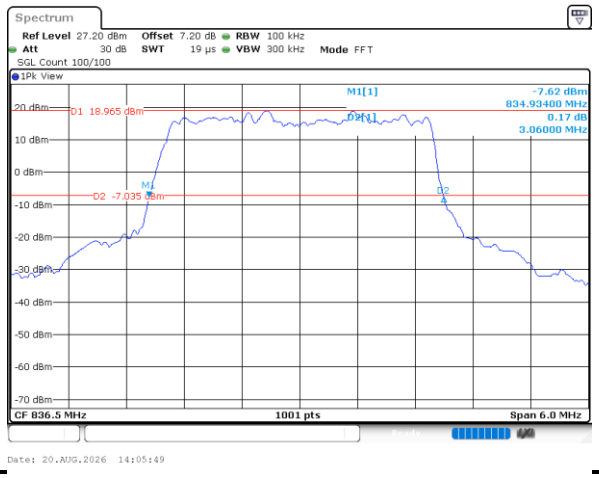
Middle Channel / 1.4MHz / QPSK



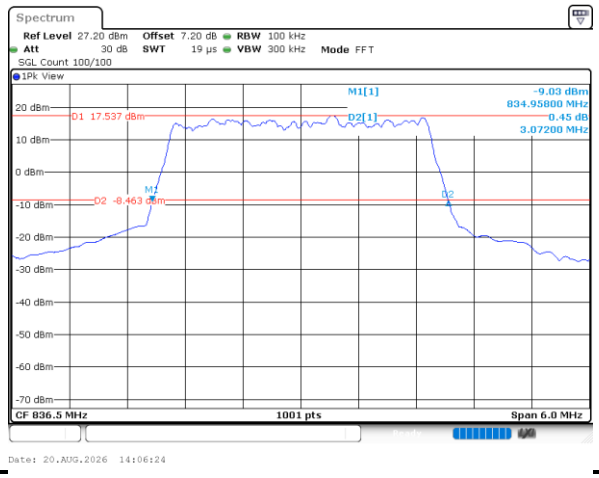
Middle Channel / 1.4MHz / 16QAM



Middle Channel / 3MHz / QPSK

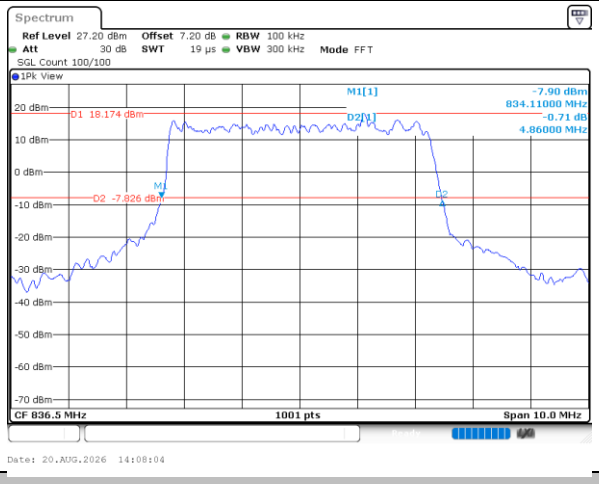


Middle Channel / 3MHz / 16QAM

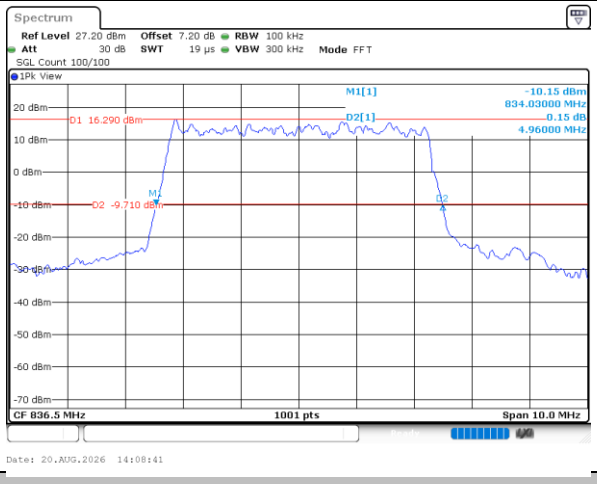


LTE Band 26

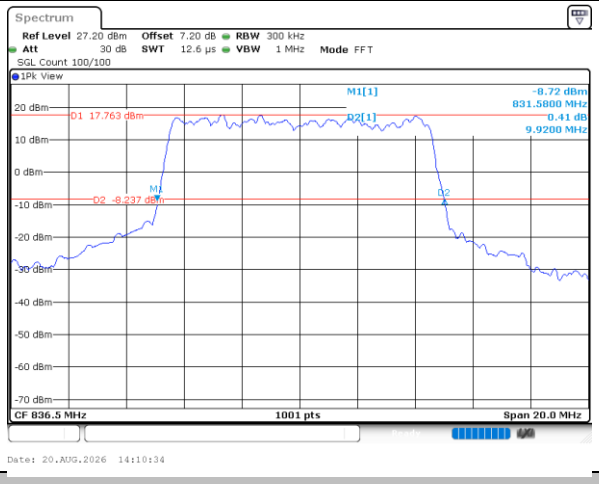
Middle Channel / 5MHz / QPSK



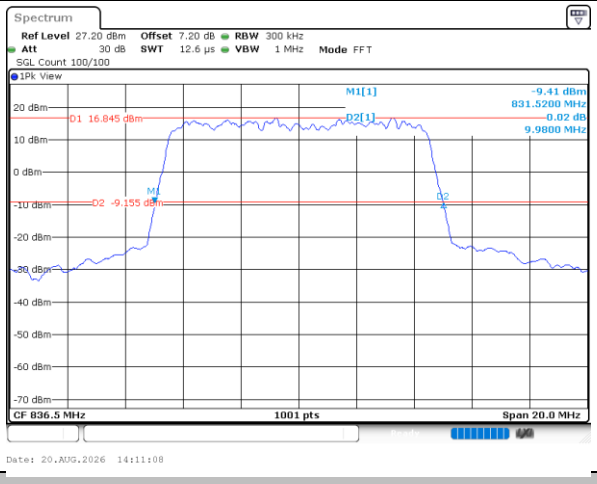
Middle Channel / 5MHz / 16QAM



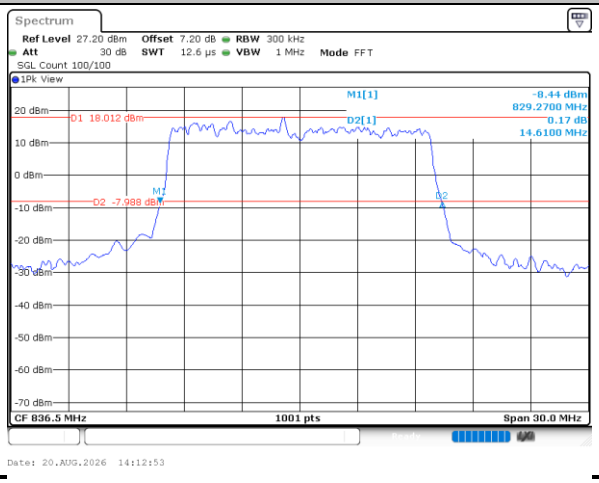
Middle Channel / 10MHz / QPSK



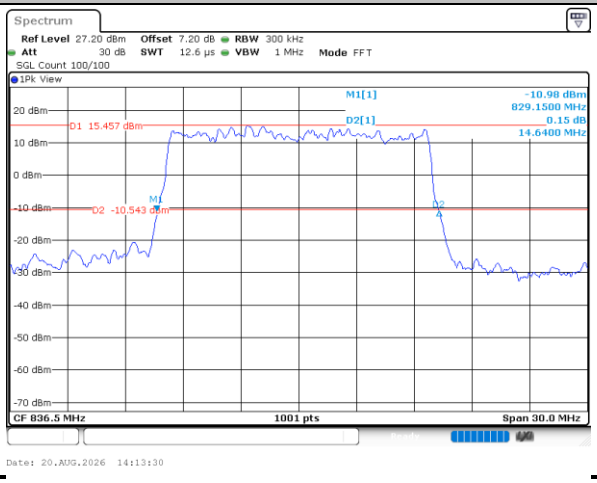
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM

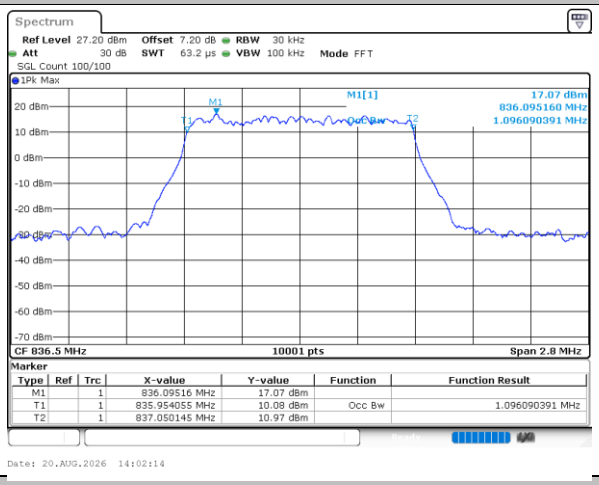


Occupied Bandwidth

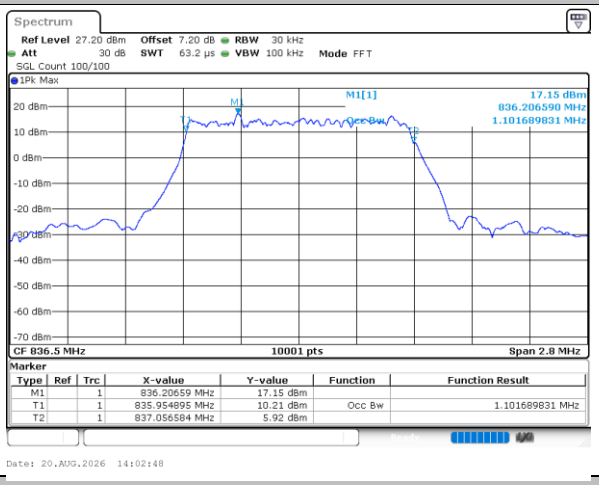
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.71	2.73	4.50	4.52	8.99	9.05	13.45	13.43	-	-

LTE Band 26

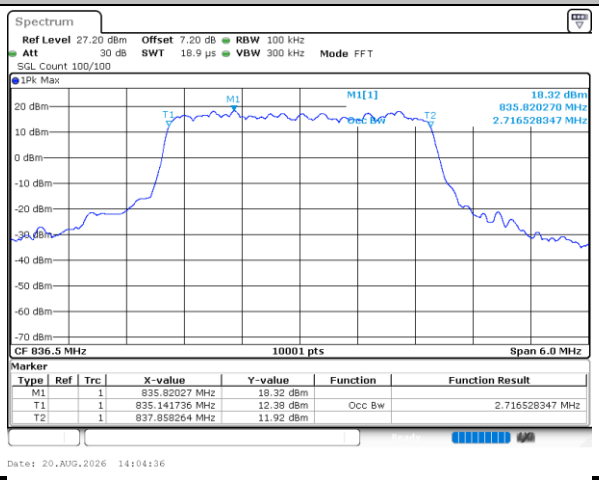
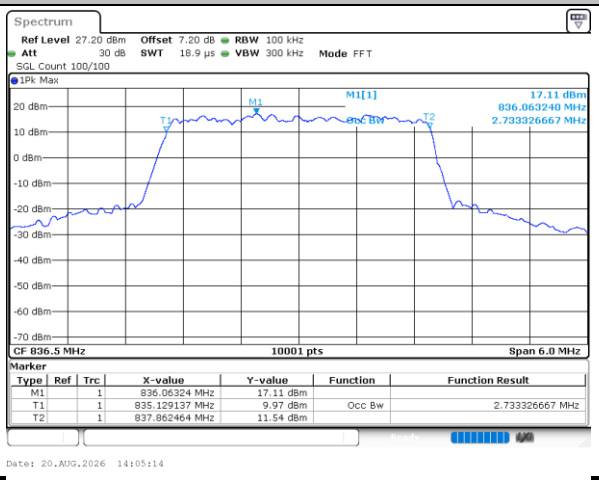
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM