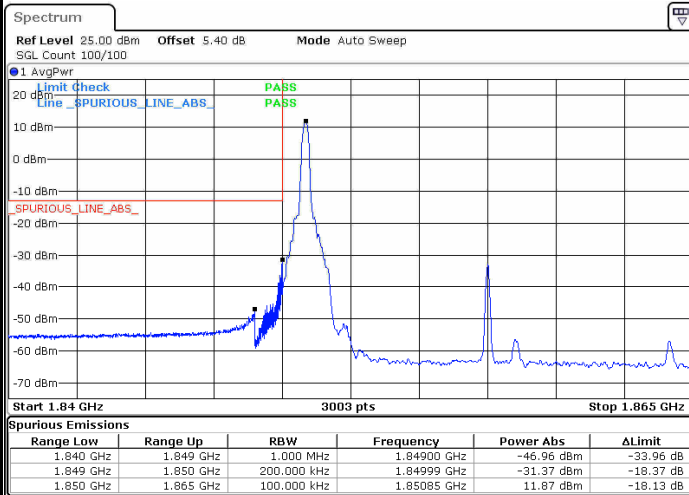


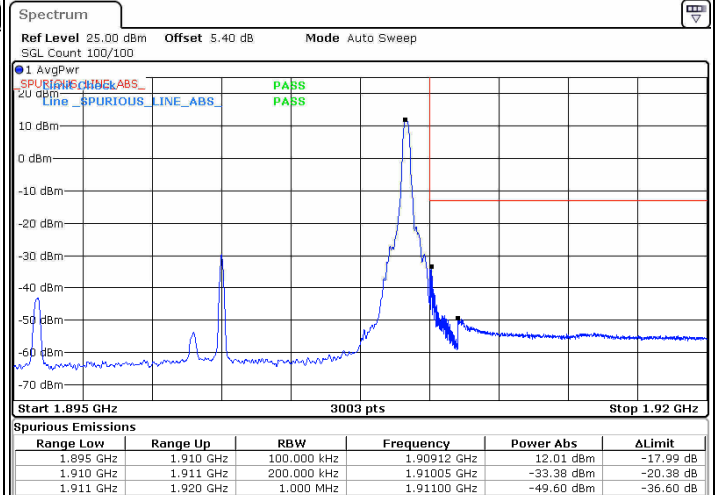


LTE Band 2 / 15MHz / 256QAM

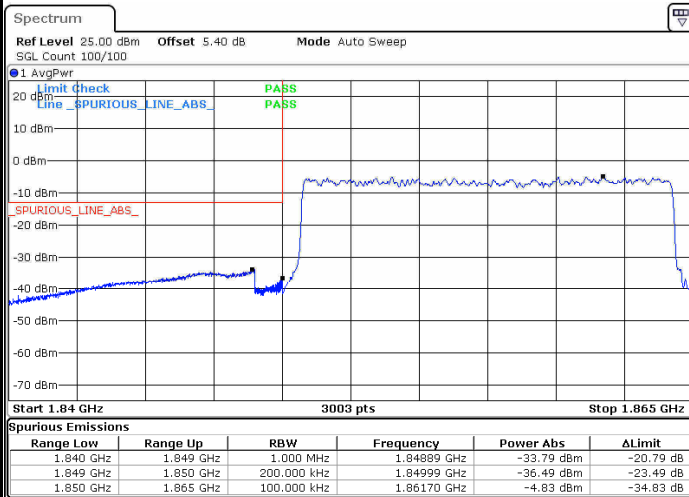
Lowest Band Edge / 1 RB



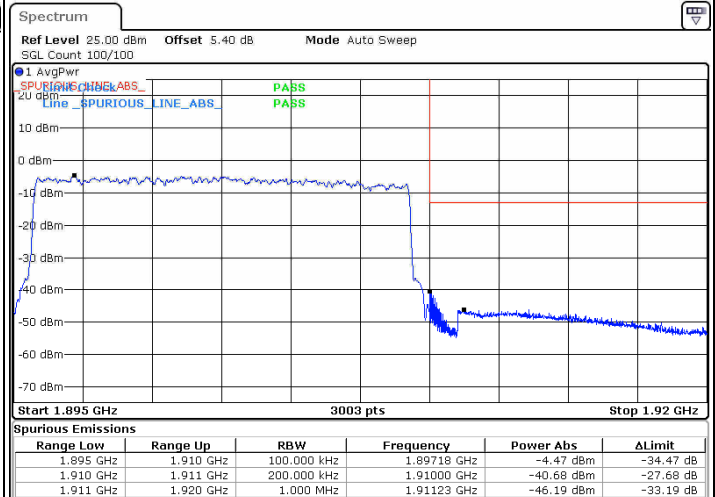
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



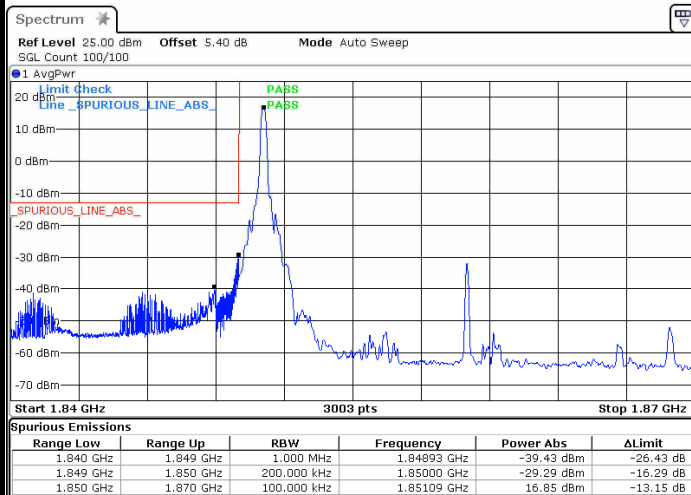
Highest Band Edge / Full RB



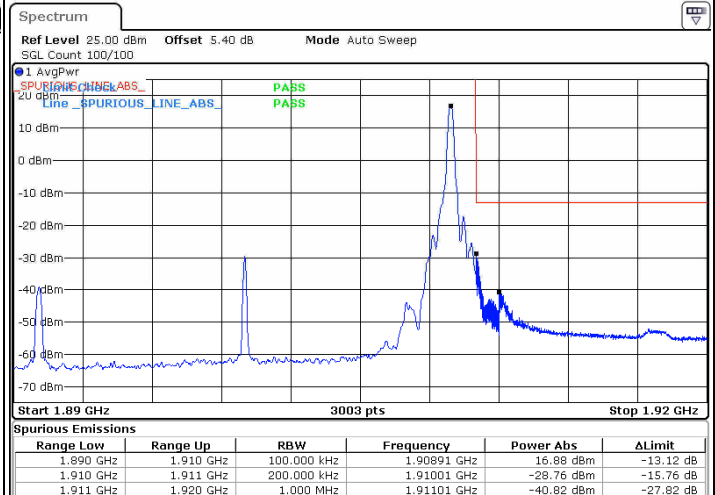


LTE Band 2 / 20MHz / QPSK

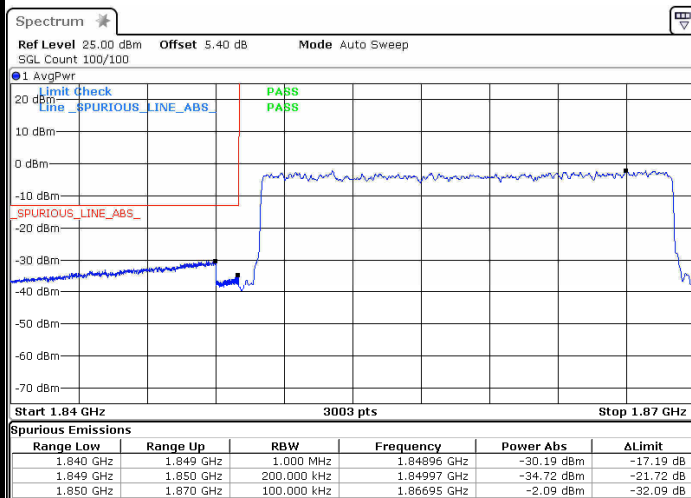
Lowest Band Edge / 1 RB



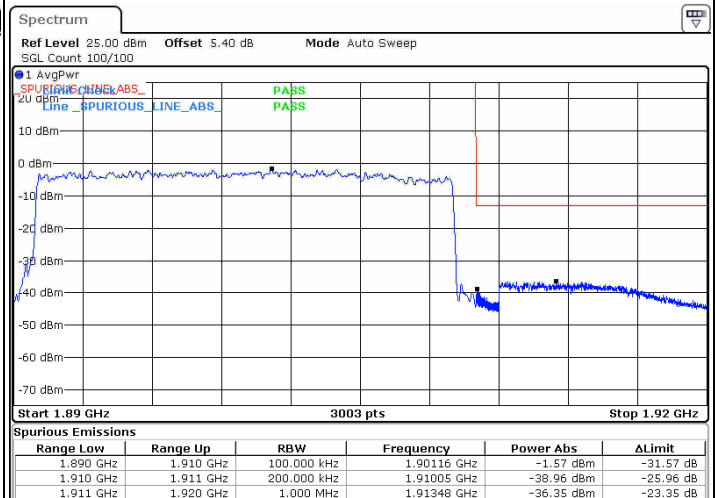
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



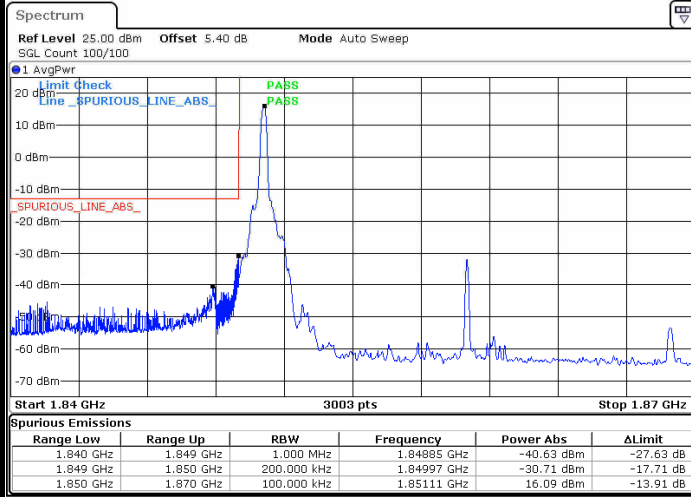
Highest Band Edge / Full RB



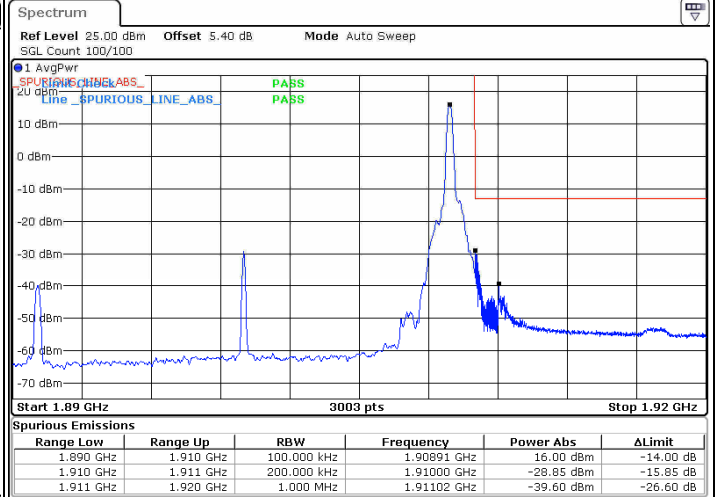


LTE Band 2 / 20MHz / 16QAM

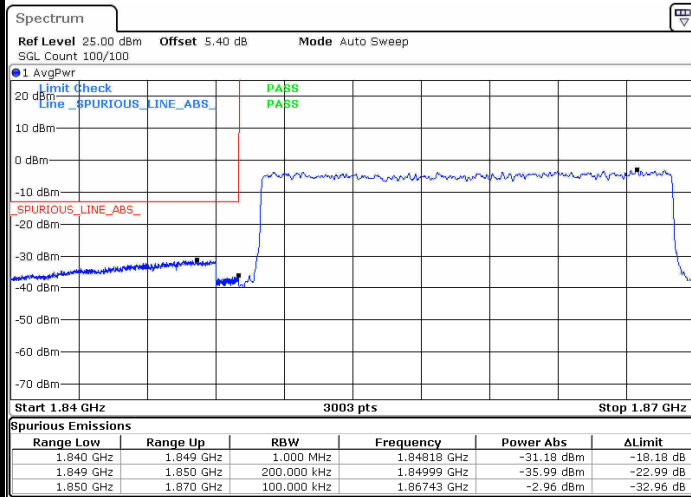
Lowest Band Edge / 1 RB



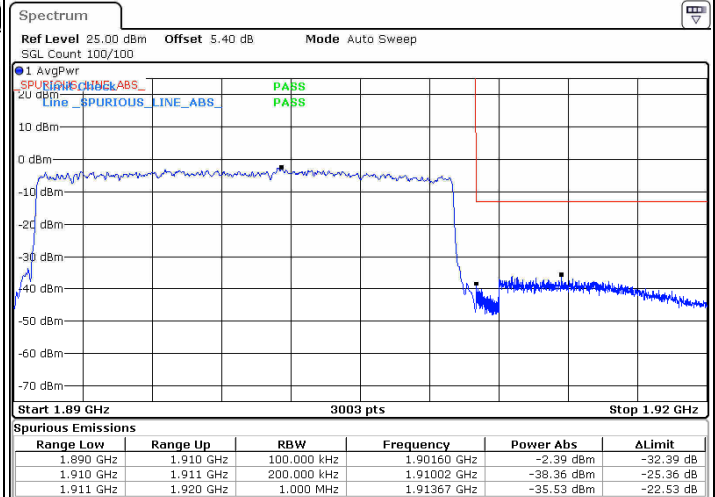
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



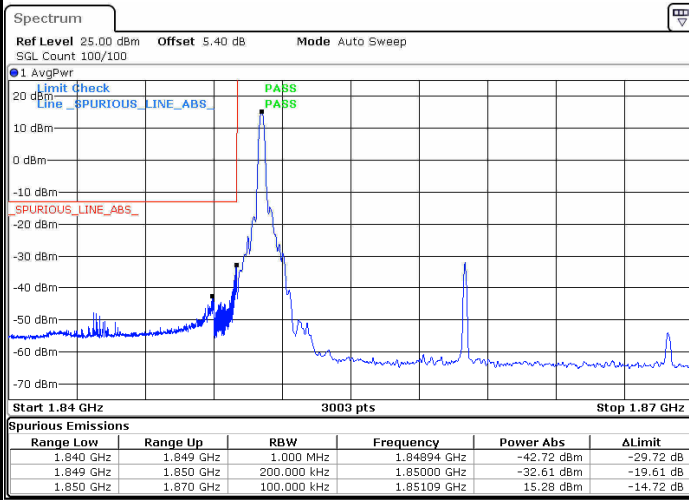
Highest Band Edge / Full RB



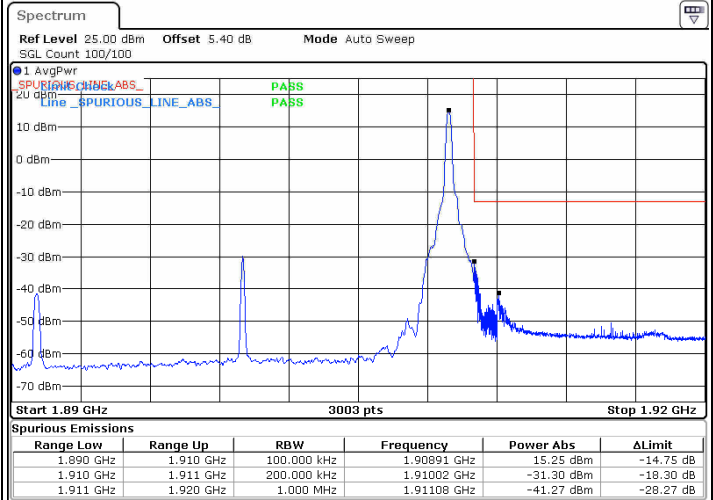


LTE Band 2 / 20MHz / 64QAM

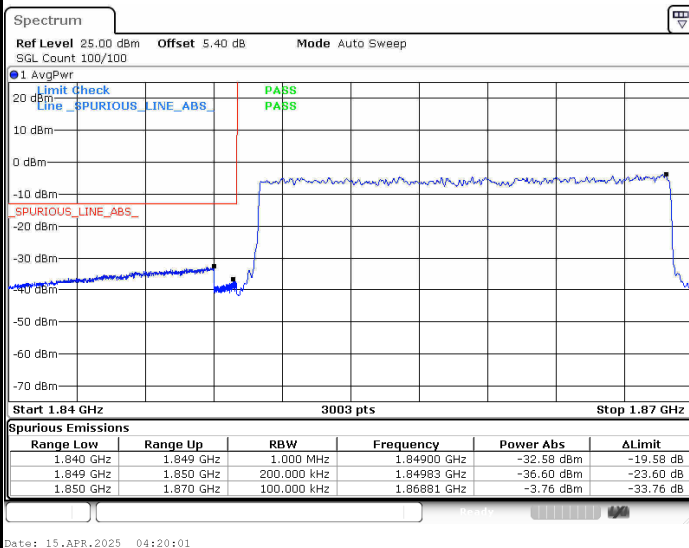
Lowest Band Edge / 1 RB



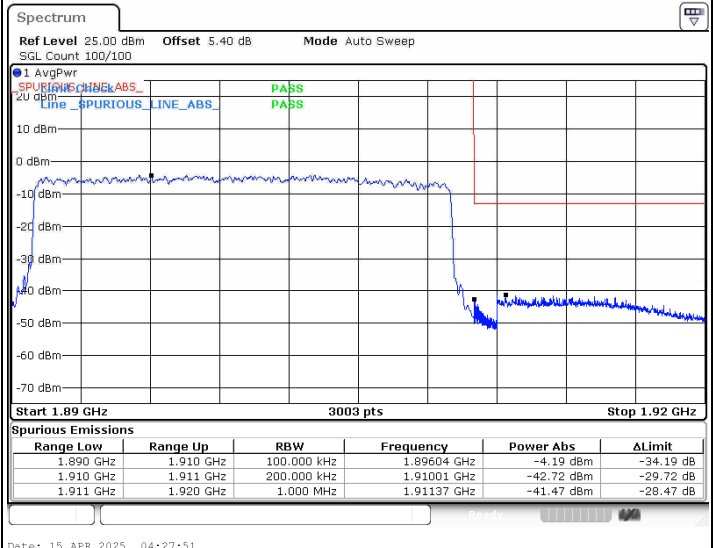
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



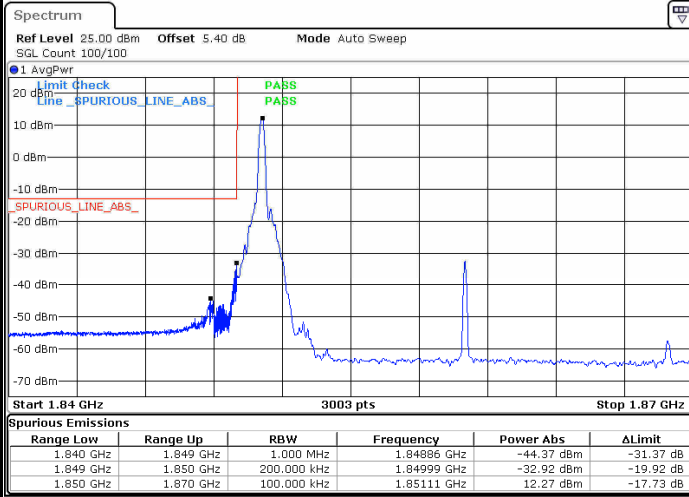
Highest Band Edge / Full RB



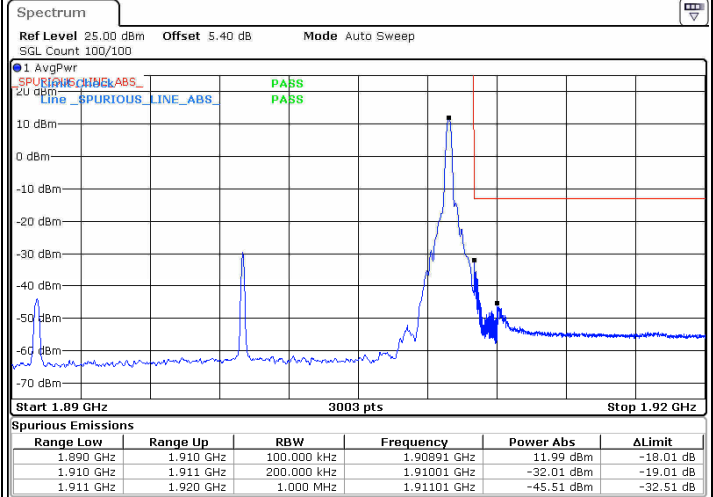


LTE Band 2 / 20MHz / 256QAM

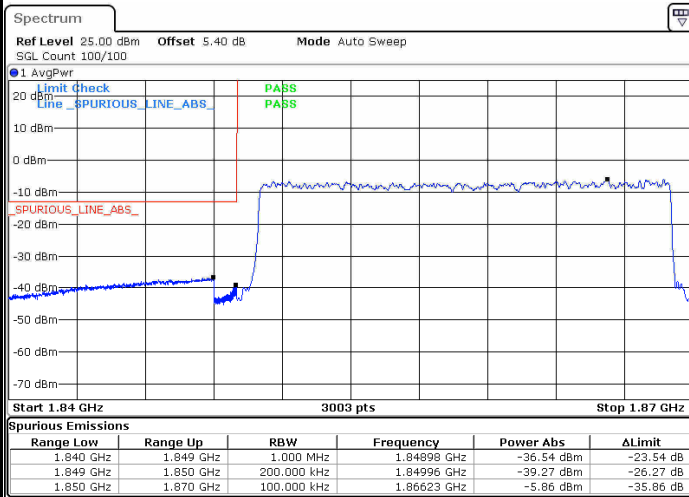
Lowest Band Edge / 1 RB



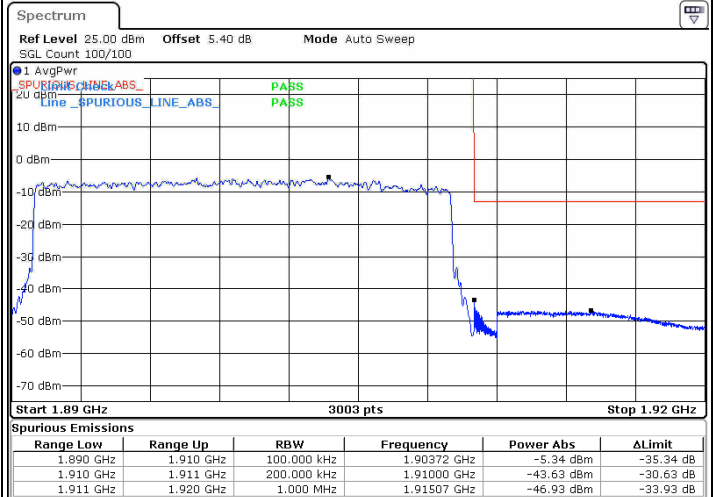
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

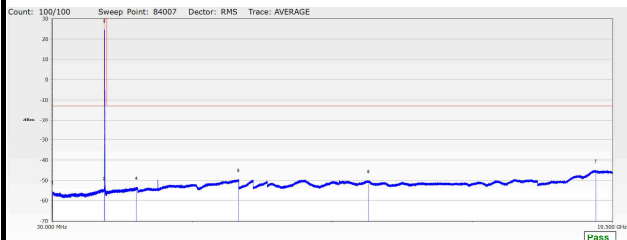




Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

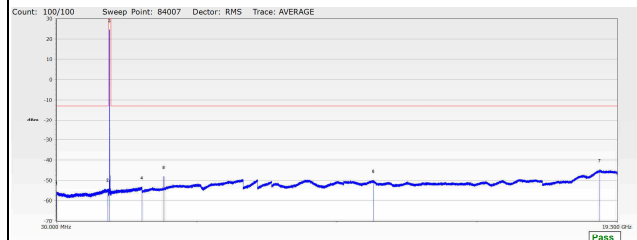


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	41.64000 GHz	-50.451 dBm	-42.451 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.83706 GHz	-53.476 dBm	-40.790 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90885 GHz	-24.369 dBm	-5.631 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.97246 GHz	-53.234 dBm	-40.131 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.50000 GHz	-46.030 dBm	-35.169 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.04120 GHz	-49.918 dBm	-36.918 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.88727 GHz	-45.022 dBm	-32.022 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:07:14

Middle Channel / QPSK

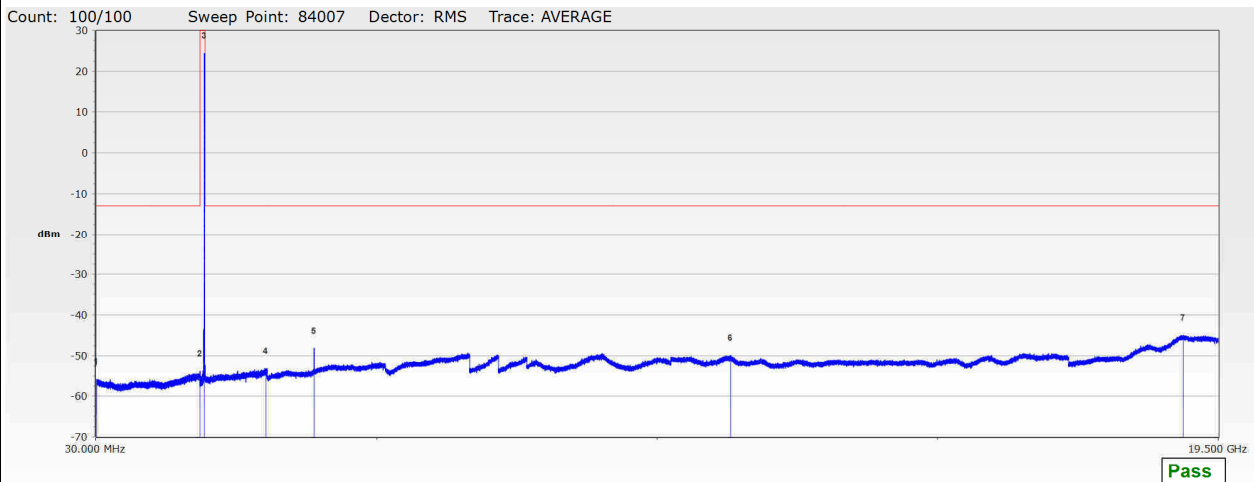


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	39.73000 GHz	-55.560 dBm	-42.560 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.83706 GHz	-53.476 dBm	-40.790 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90885 GHz	-24.369 dBm	-5.631 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.97246 GHz	-53.234 dBm	-40.131 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.50000 GHz	-46.030 dBm	-35.169 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.04120 GHz	-49.918 dBm	-36.918 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.88727 GHz	-45.022 dBm	-32.022 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:07:28

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	39.45750 MHz	-55.757 dBm	-42.757 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.83706 GHz	-53.790 dBm	-40.790 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90885 GHz	-24.369 dBm	-5.631 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.97246 GHz	-53.131 dBm	-40.131 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.81760 GHz	-48.169 dBm	-35.169 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.04120 GHz	-49.918 dBm	-36.918 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.88727 GHz	-45.022 dBm	-32.022 dB	-13.000 dBm	10.261 dB	---	---

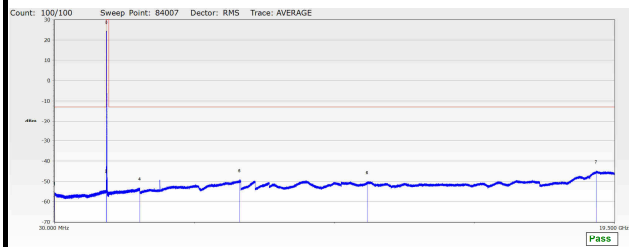
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:07:42



LTE Band 2 / 3MHz

Lowest Channel / QPSK

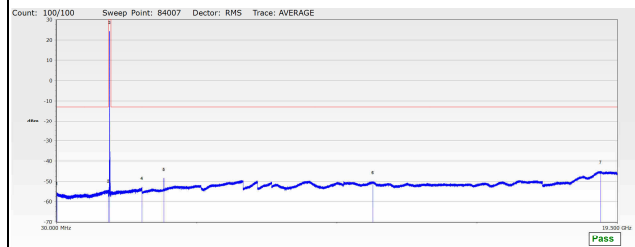


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	38.00250 MHz	-55.518 dBm	-42.519 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.85171 GHz	-49.476 dBm	-36.279 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.85030 GHz	-24.427 dBm	-5.573 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	1.000 GHz	1 MHz	3 MHz	2.99255 GHz	-51.193 dBm	-40.188 dB	-13.000 dBm	8.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.67000 GHz	-46.188 dBm	-35.188 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.99160 GHz	-50.033 dBm	-37.033 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.89810 GHz	-44.974 dBm	-31.974 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:08:00

Middle Channel / QPSK

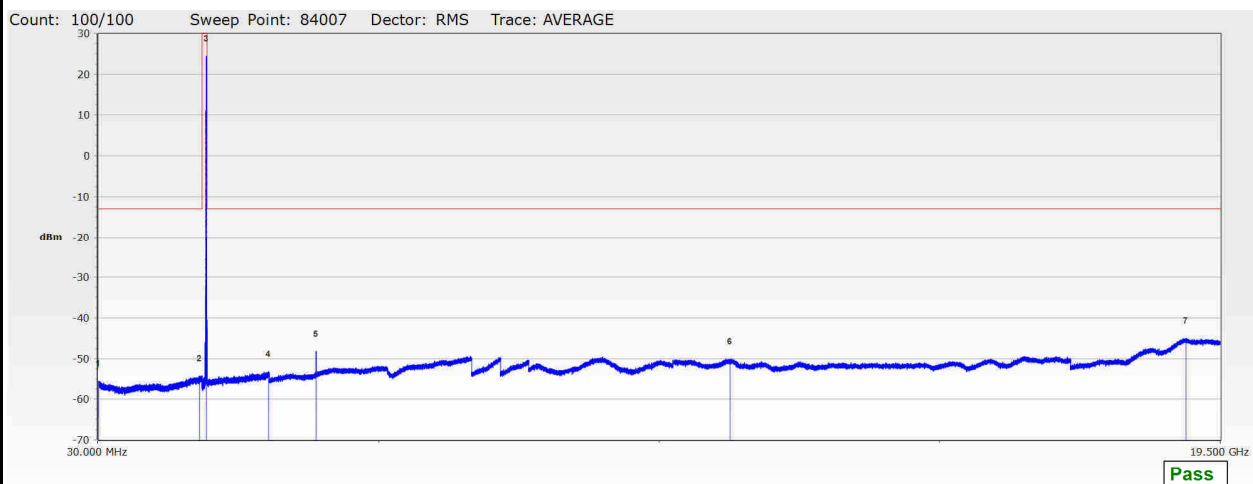


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	38.00250 MHz	-55.501 dBm	-42.501 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.84961 GHz	-54.486 dBm	-41.288 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.84787 GHz	-24.234 dBm	-5.766 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	1.000 GHz	1 MHz	3 MHz	2.99482 GHz	-52.011 dBm	-40.011 dB	-13.000 dBm	8.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.67220 GHz	-46.167 dBm	-35.167 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.01160 GHz	-50.042 dBm	-37.042 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.92507 GHz	-45.019 dBm	-32.019 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:08:00

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	38.00250 MHz	-55.544 dBm	-42.544 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.78897 GHz	-54.200 dBm	-41.200 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90723 GHz	-24.427 dBm	-5.573 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98515 GHz	-53.188 dBm	-40.188 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.81440 GHz	-48.222 dBm	-35.222 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.99160 GHz	-50.000 dBm	-37.000 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.89810 GHz	-44.974 dBm	-31.974 dB	-13.000 dBm	10.261 dB	---	---

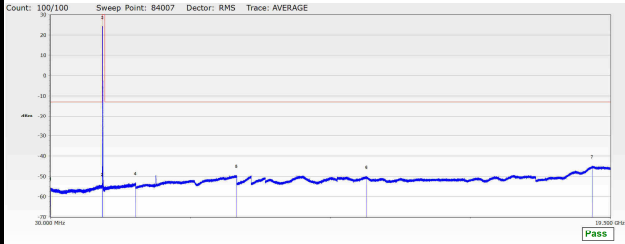
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-28 15:08:19



LTE Band 2 / 5MHz

Lowest Channel / QPSK

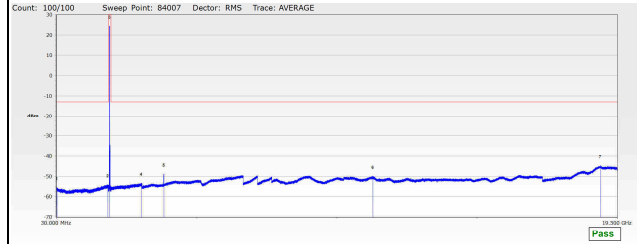


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	36.00250 MHz	-50.096 dBm	-42.096 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.81700 GHz	-54.431 dBm	-42.431 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.85000 GHz	-24.724 dBm	-5.723 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99116 GHz	-52.299 dBm	-40.292 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.99900 GHz	-48.947 dBm	-35.565 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.00000 GHz	-49.921 dBm	-36.921 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.91977 GHz	-45.023 dBm	-32.023 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:41:03

Middle Channel / QPSK

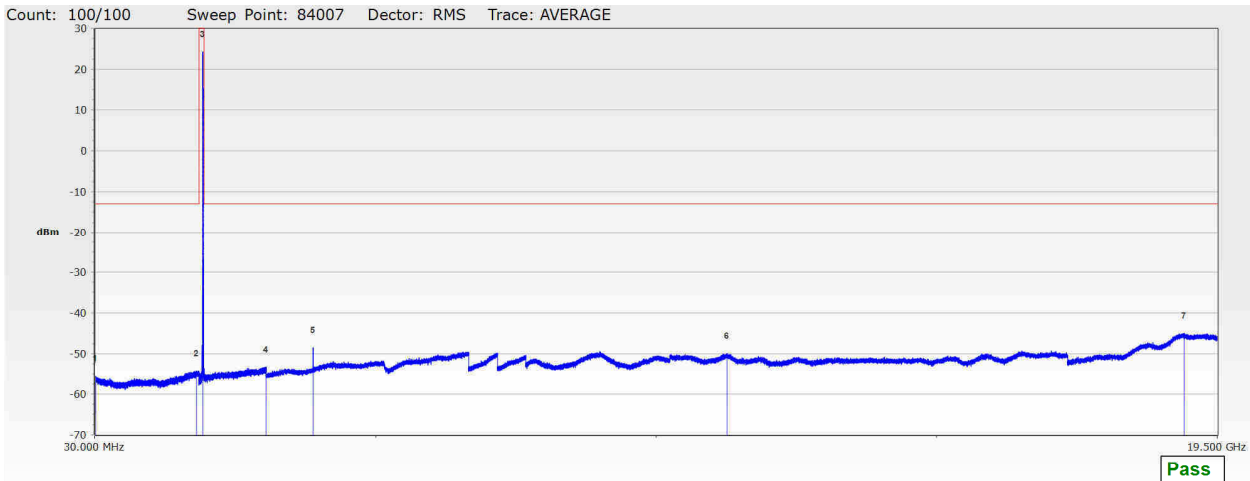


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	36.00250 MHz	-50.096 dBm	-42.096 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.81700 GHz	-54.431 dBm	-42.431 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.85000 GHz	-24.724 dBm	-5.723 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99116 GHz	-52.299 dBm	-40.292 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.99900 GHz	-48.947 dBm	-35.565 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.00000 GHz	-49.921 dBm	-36.921 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.91977 GHz	-45.023 dBm	-32.023 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:41:22

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	36.79000 MHz	-55.417 dBm	-42.417 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.79695 GHz	-54.203 dBm	-41.203 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90534 GHz	-24.727 dBm	-5.723 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99919 GHz	-53.292 dBm	-40.292 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.81080 GHz	-48.565 dBm	-35.565 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.99080 GHz	-49.921 dBm	-36.921 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.91977 GHz	-45.023 dBm	-32.023 dB	-13.000 dBm	10.261 dB	---	---

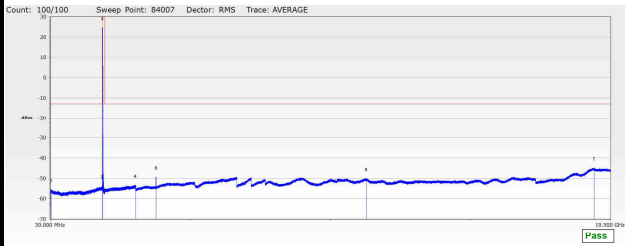
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:41:32



LTE Band 2 / 10MHz

Lowest Channel / QPSK

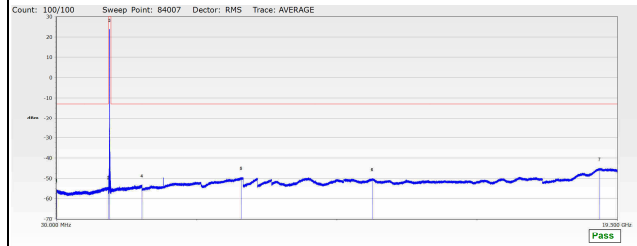


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	61.28250 MHz	-51.489 dBm	-42.489 dBm	-13.000 dBm	5.055 dB	---	---
2	1.800 GHz	1.800 GHz	1 MHz	3 MHz	1.81700 GHz	-51.533 dBm	-46.533 dBm	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.85000 GHz	-26.679 dBm	-5.321 dBm	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99130 GHz	-51.385 dBm	-40.385 dBm	-13.000 dBm	8.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.70700 GHz	-49.327 dBm	-36.327 dBm	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.01480 GHz	-50.046 dBm	-37.046 dBm	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.89820 GHz	-44.872 dBm	-31.872 dBm	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:41:54

Middle Channel / QPSK

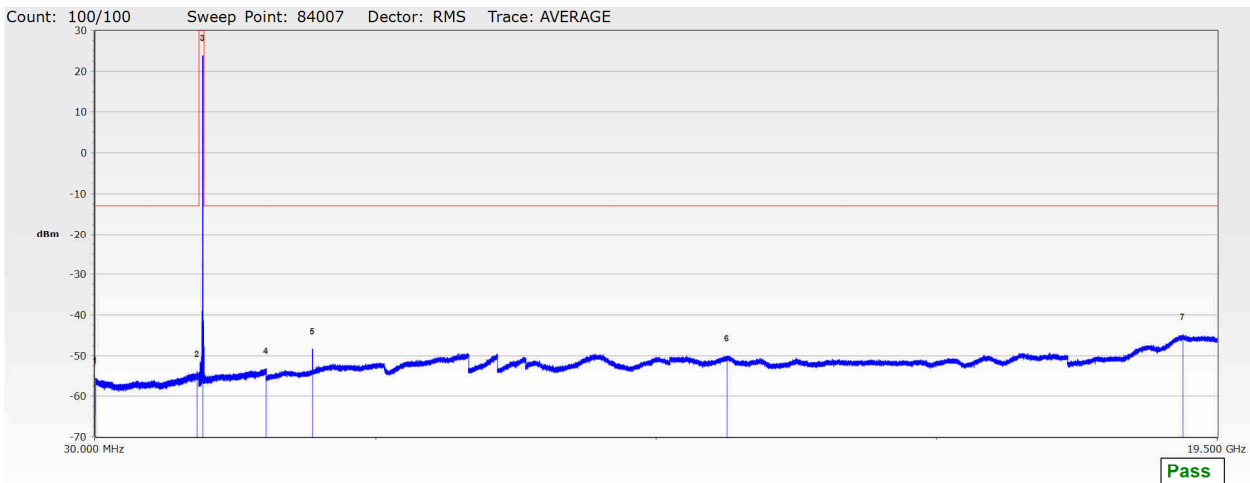


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	38.24500 MHz	-55.475 dBm	-42.475 dBm	-13.000 dBm	5.055 dB	---	---
2	1.800 GHz	1.800 GHz	1 MHz	3 MHz	1.81310 GHz	-54.506 dBm	-41.506 dBm	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.87560 GHz	-23.887 dBm	-5.133 dBm	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99980 GHz	-51.136 dBm	-40.136 dBm	-13.000 dBm	8.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	6.44320 GHz	-49.931 dBm	-36.931 dBm	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.99360 GHz	-50.050 dBm	-37.050 dBm	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.89620 GHz	-44.931 dBm	-31.931 dBm	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:42:03

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	42.36750 MHz	-55.451 dBm	-42.451 dBm	-13.000 dBm	5.055 dB	---	---
2	1.800 GHz	1.840 GHz	1 MHz	3 MHz	1.80094 GHz	-53.962 dBm	-40.962 dBm	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.90060 GHz	-23.865 dBm	-6.135 dBm	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.99595 GHz	-53.080 dBm	-40.080 dBm	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.80120 GHz	-48.411 dBm	-35.411 dBm	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.99200 GHz	-50.040 dBm	-37.040 dBm	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.89983 GHz	-44.872 dBm	-31.872 dBm	-13.000 dBm	10.261 dB	---	---

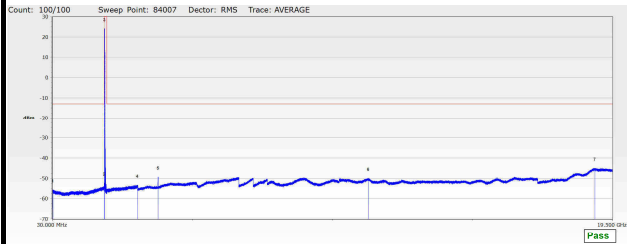
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:42:13



LTE Band 2 / 15MHz

Lowest Channel / QPSK

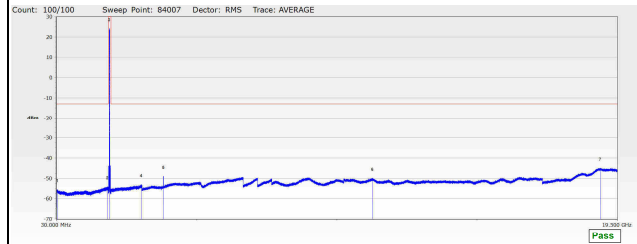


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	11.58250 MHz	-51.584 dBm	-42.584 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.81812 GHz	-54.143 dBm	-41.143 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.89583 GHz	-24.188 dBm	-5.812 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98893 GHz	-53.211 dBm	-40.211 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.79160 GHz	-47.692 dBm	-34.692 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.94040 GHz	-50.008 dBm	-37.008 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.86603 GHz	-44.918 dBm	-31.918 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:42:38

Middle Channel / QPSK

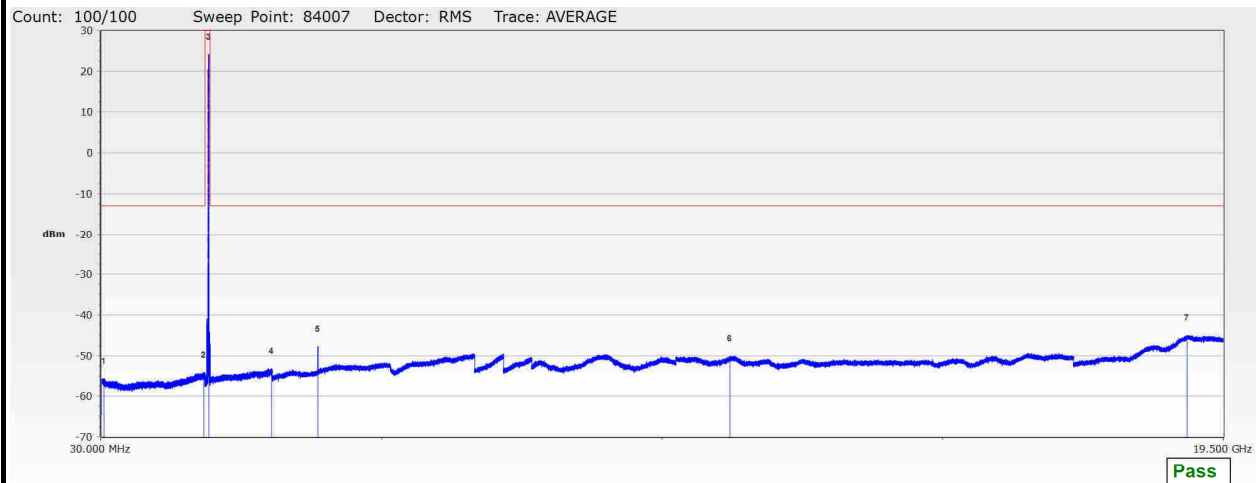


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	78.62000 MHz	-55.409 dBm	-42.409 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.81812 GHz	-54.143 dBm	-41.143 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.87135 GHz	-24.188 dBm	-5.812 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98893 GHz	-53.211 dBm	-40.211 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.79160 GHz	-47.692 dBm	-34.692 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.00840 GHz	-40.014 dBm	-26.014 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.86603 GHz	-44.918 dBm	-31.918 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:42:48

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs.	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	88.44250 MHz	-55.595 dBm	-42.595 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.81270 GHz	-54.143 dBm	-41.143 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.89583 GHz	-24.188 dBm	-5.812 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98893 GHz	-53.211 dBm	-40.211 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.79160 GHz	-47.692 dBm	-34.692 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	10.94040 GHz	-50.008 dBm	-37.008 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.86603 GHz	-44.918 dBm	-31.918 dB	-13.000 dBm	10.261 dB	---	---

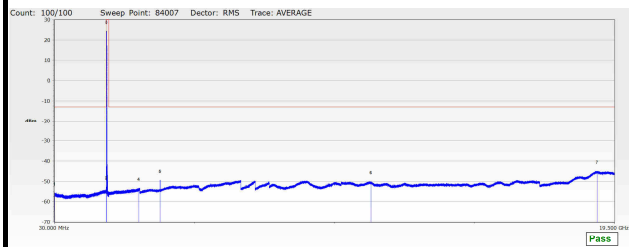
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:42:57



LTE Band 2 / 20MHz

Lowest Channel / QPSK

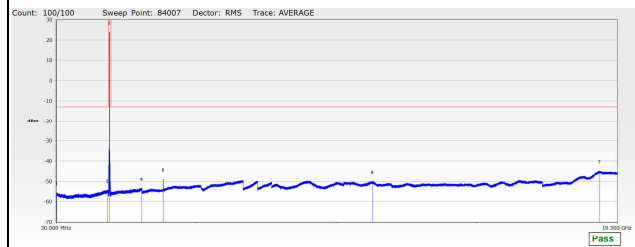


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	41.10100 MHz	-50.622 dBm	-42.632 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.83832 GHz	-54.081 dBm	-41.081 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.89108 GHz	-24.199 dBm	-5.801 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98731 GHz	-53.147 dBm	-40.147 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.78200 GHz	-48.387 dBm	-35.387 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.02800 GHz	-49.857 dBm	-36.856 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.90417 GHz	-44.759 dBm	-31.759 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:43:19

Middle Channel / QPSK

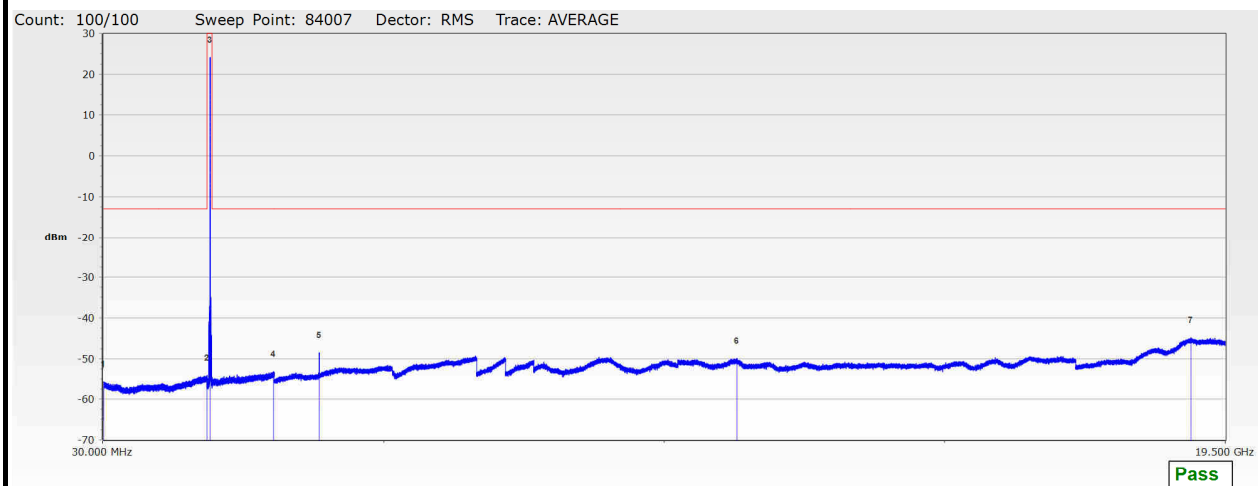


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	41.10100 MHz	-50.622 dBm	-42.632 dB	-13.000 dBm	5.055 dB	---	---
2	1.840 GHz	1.840 GHz	1 MHz	3 MHz	1.83832 GHz	-54.081 dBm	-41.081 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.89108 GHz	-24.199 dBm	-5.801 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98731 GHz	-53.147 dBm	-40.147 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.78200 GHz	-48.387 dBm	-35.387 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.02800 GHz	-49.857 dBm	-36.856 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.90417 GHz	-44.759 dBm	-31.759 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:43:30

Highest Channel / QPSK



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	3 MHz	37.76000 MHz	-55.557 dBm	-42.557 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.840 GHz	1 MHz	3 MHz	1.83832 GHz	-54.081 dBm	-41.081 dB	-13.000 dBm	5.877 dB	---	---
3	1.840 GHz	1.920 GHz	1 MHz	3 MHz	1.89108 GHz	-24.199 dBm	-5.801 dB	30.000 dBm	5.997 dB	---	---
4	1.920 GHz	3.000 GHz	1 MHz	3 MHz	2.98731 GHz	-53.175 dBm	-40.175 dB	-13.000 dBm	6.486 dB	---	---
5	3.000 GHz	9.000 GHz	1 MHz	3 MHz	3.78200 GHz	-48.475 dBm	-35.475 dB	-13.000 dBm	8.594 dB	---	---
6	9.000 GHz	13.000 GHz	1 MHz	3 MHz	11.02800 GHz	-49.856 dBm	-36.856 dB	-13.000 dBm	9.340 dB	---	---
7	13.000 GHz	19.500 GHz	1 MHz	3 MHz	18.90417 GHz	-44.759 dBm	-31.759 dB	-13.000 dBm	10.261 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-29 08:43:40

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0011	

Note:

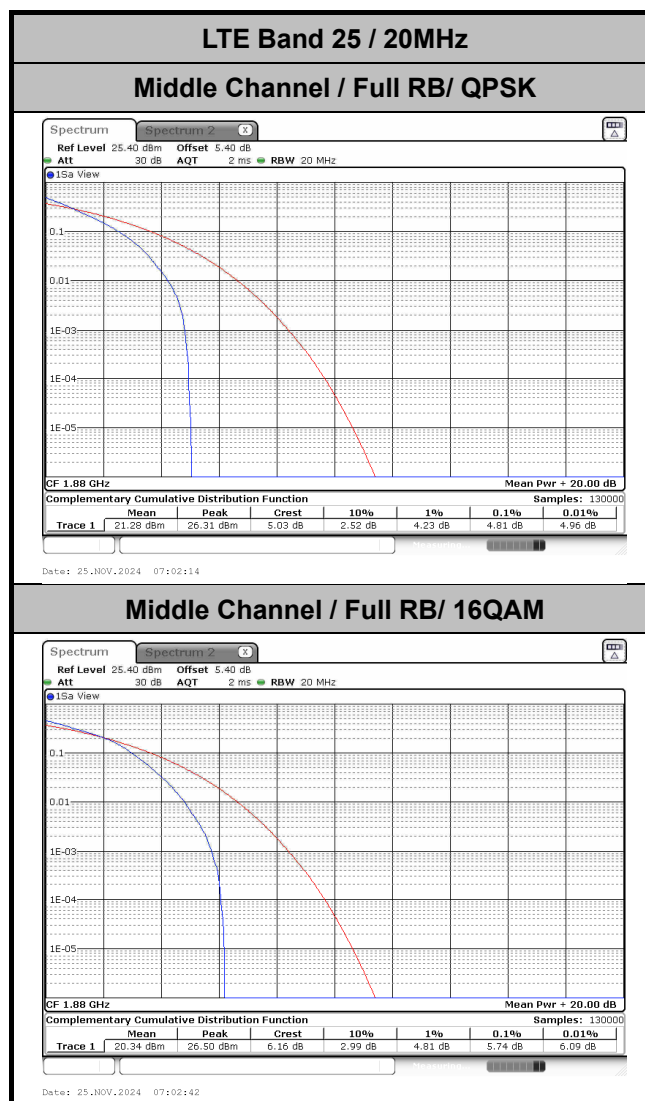
1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage = 4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

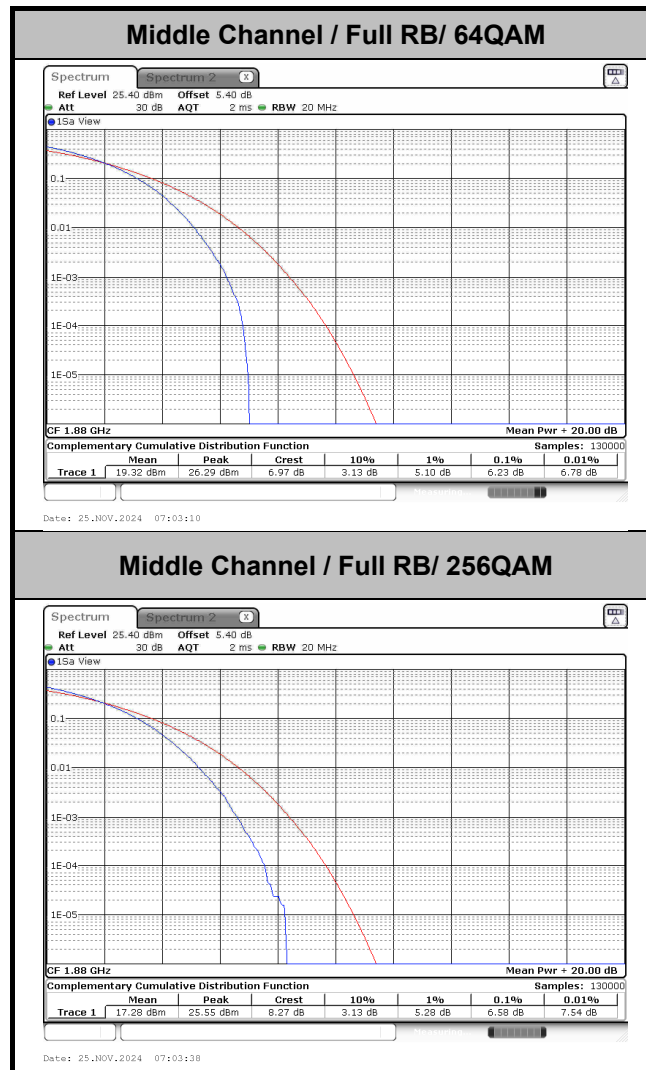


LTE Band 25

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	4.81	5.74	6.23	6.58	PASS





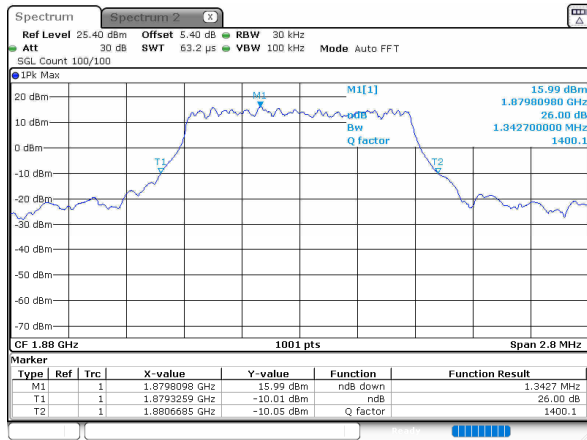
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.34	1.38
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.06	3.12
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.05	4.92
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.91	9.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.39	14.72
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.66	19.74

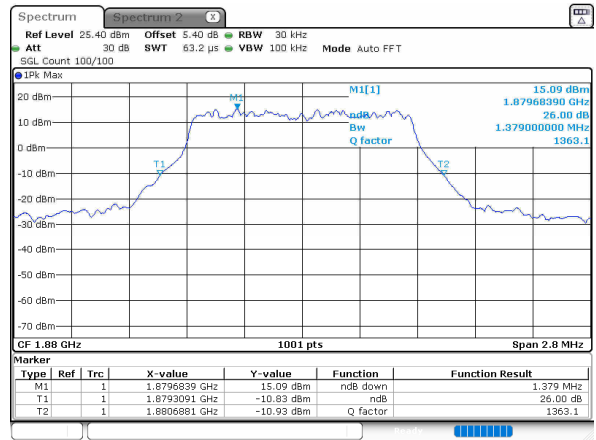


LTE Band 25

Middle Channel / 1.4MHz / QPSK

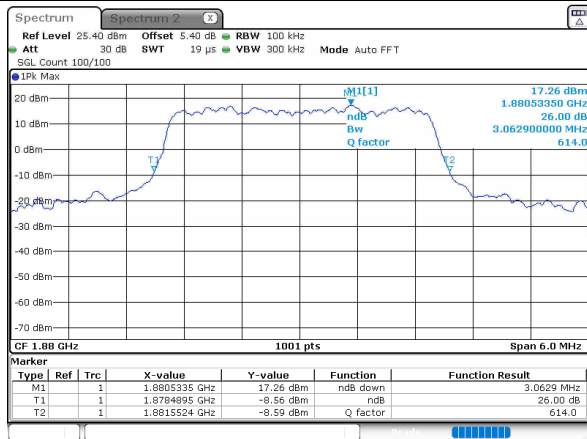


Middle Channel / 1.4MHz / 16QAM

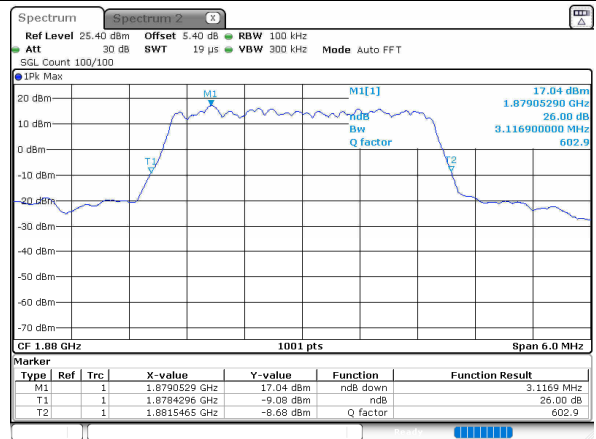


LTE Band 25

Middle Channel / 3MHz / QPSK

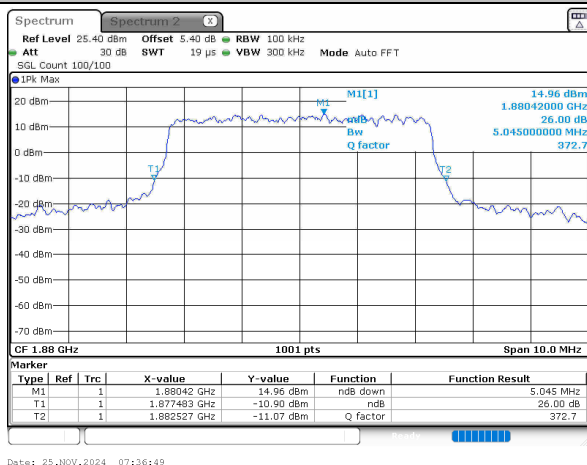


Middle Channel / 3MHz / 16QAM

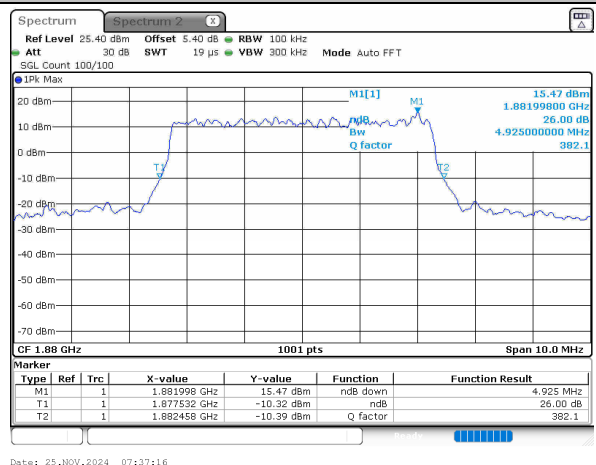


LTE Band 25

Middle Channel / 5MHz / QPSK



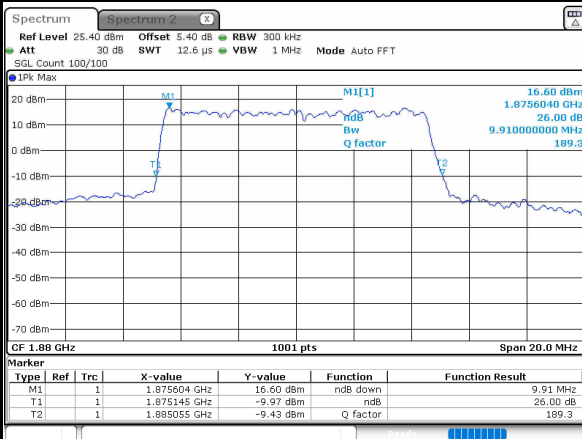
Middle Channel / 5MHz / 16QAM



LTE Band 25

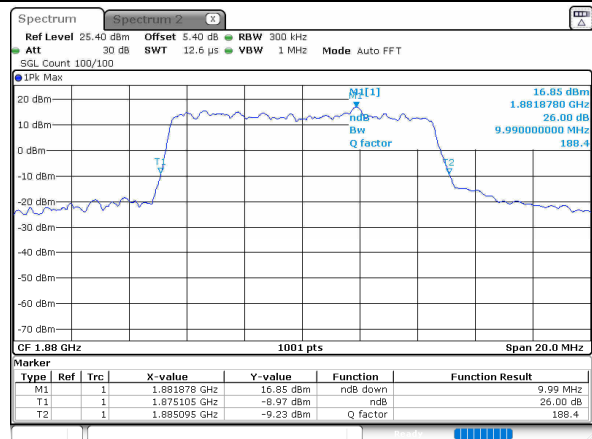


Middle Channel / 10MHz / QPSK



Date: 25.NOV.2024 07:25:03

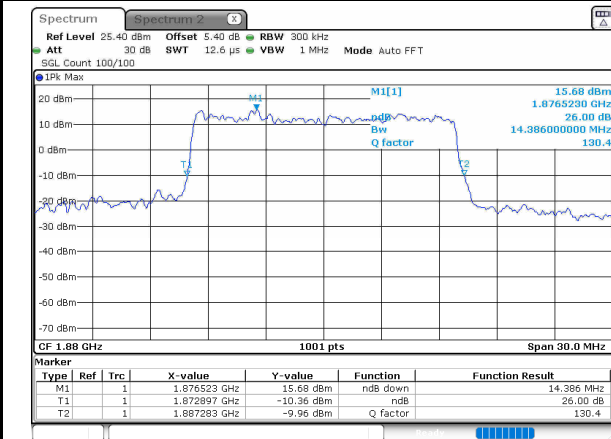
Middle Channel / 10MHz / 16QAM



Date: 25.NOV.2024 07:25:30

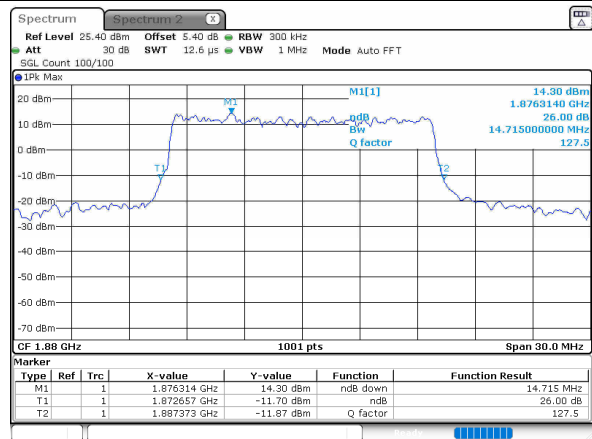
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 25.NOV.2024 07:20:43

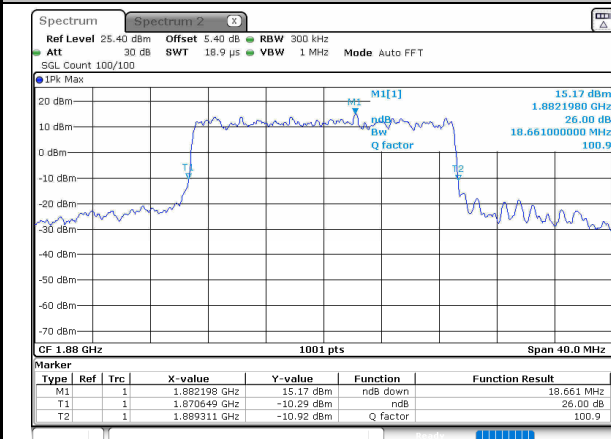
Middle Channel / 15MHz / 16QAM



Date: 25.NOV.2024 07:21:10

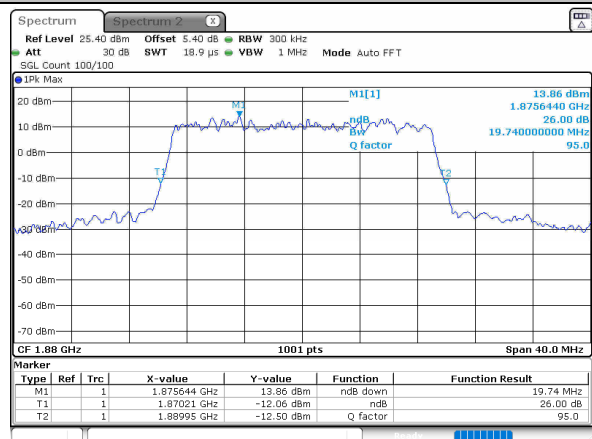
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 25.NOV.2024 06:53:42

Middle Channel / 20MHz / 16QAM

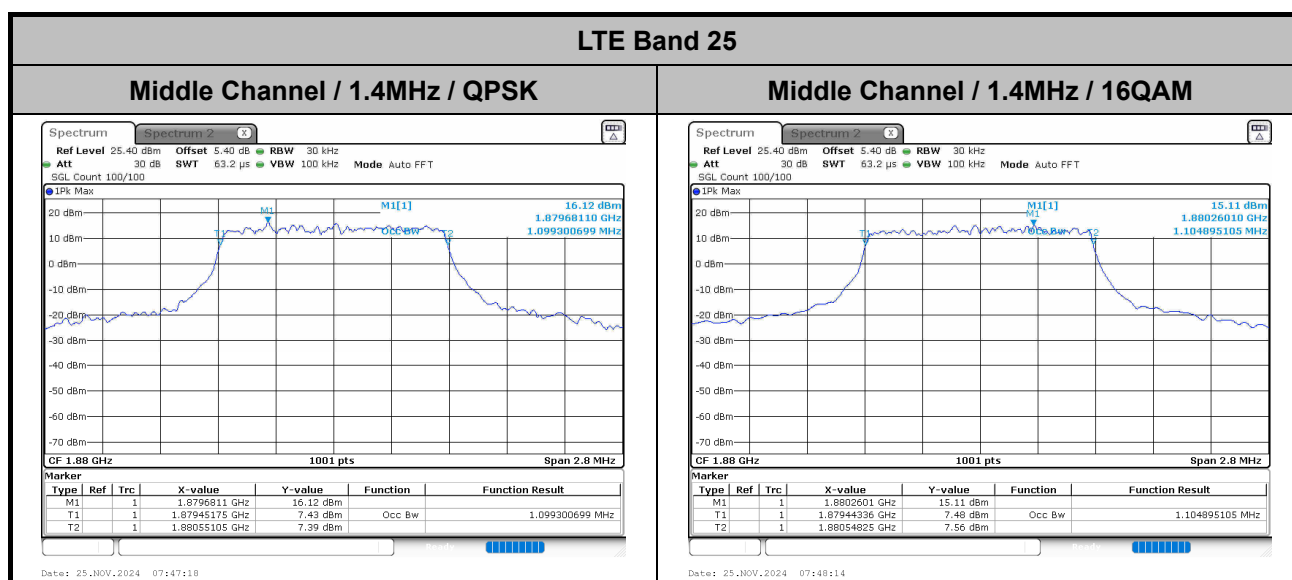


Date: 25.NOV.2024 06:54:09



Occupied Bandwidth

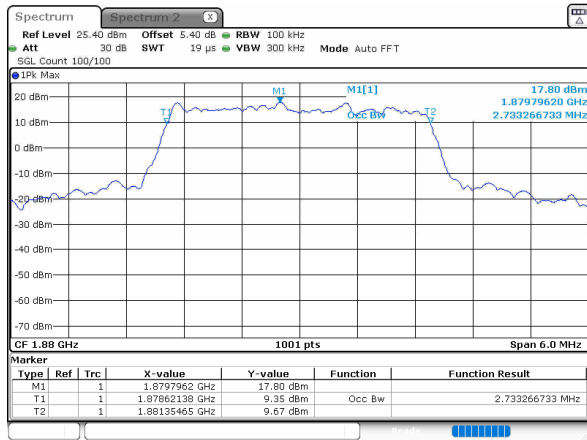
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.10	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.74
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.51	4.52
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.05
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.49
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	18.02



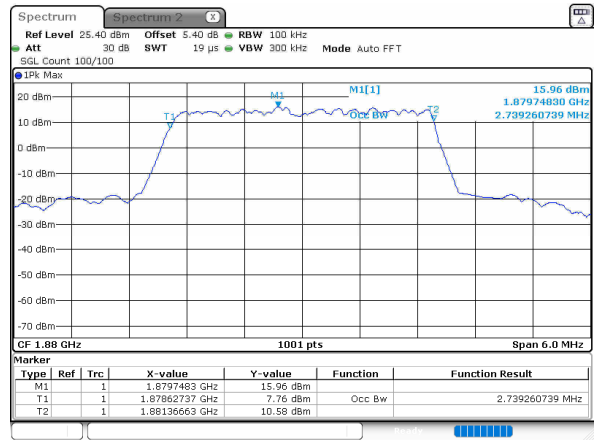


LTE Band 25

Middle Channel / 3MHz / QPSK

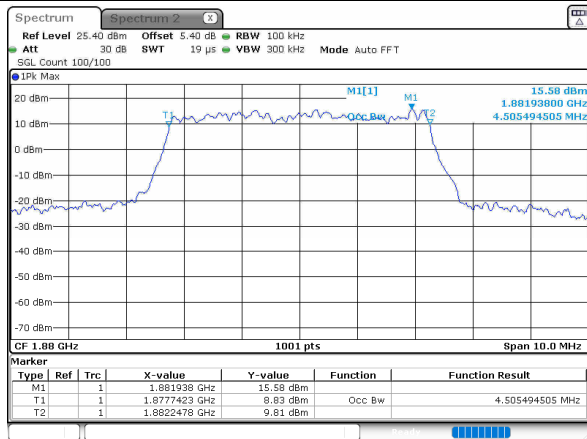


Middle Channel / 3MHz / 16QAM

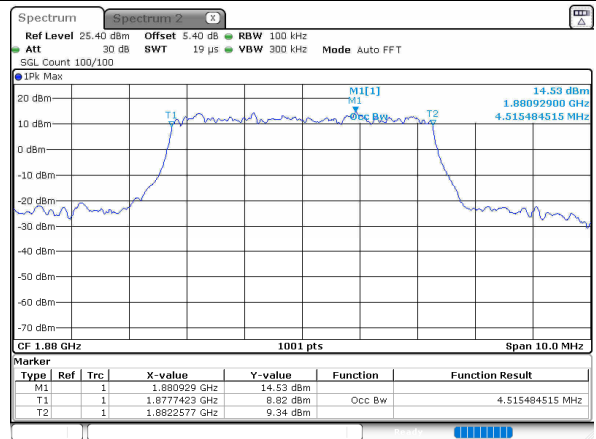


LTE Band 25

Middle Channel / 5MHz / QPSK

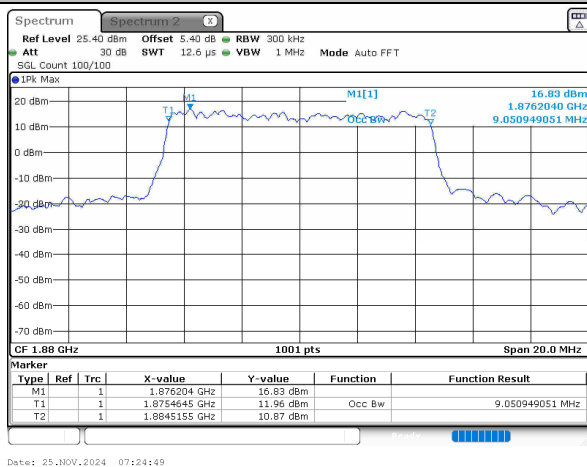


Middle Channel / 5MHz / 16QAM

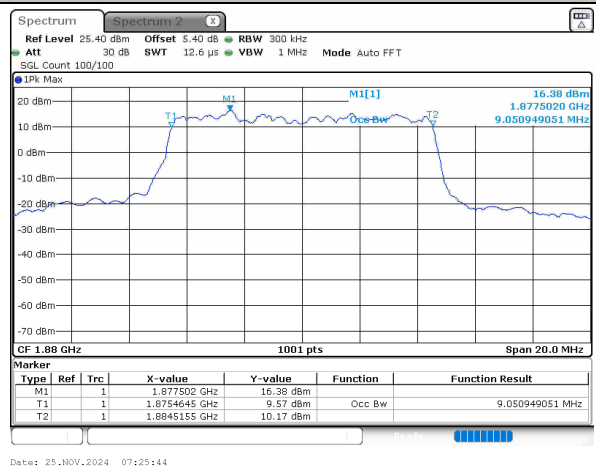


LTE Band 25

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



LTE Band 25