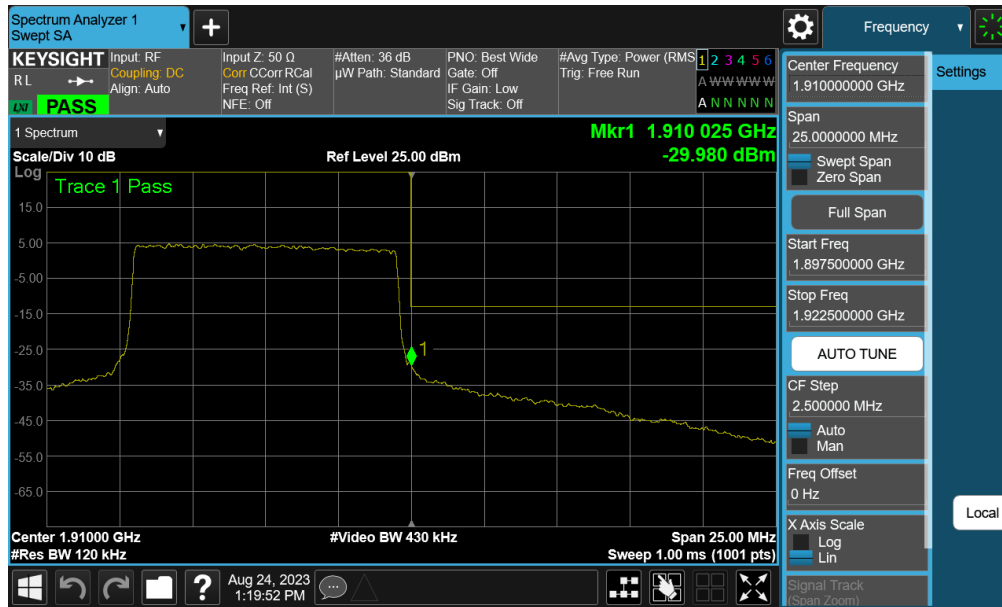
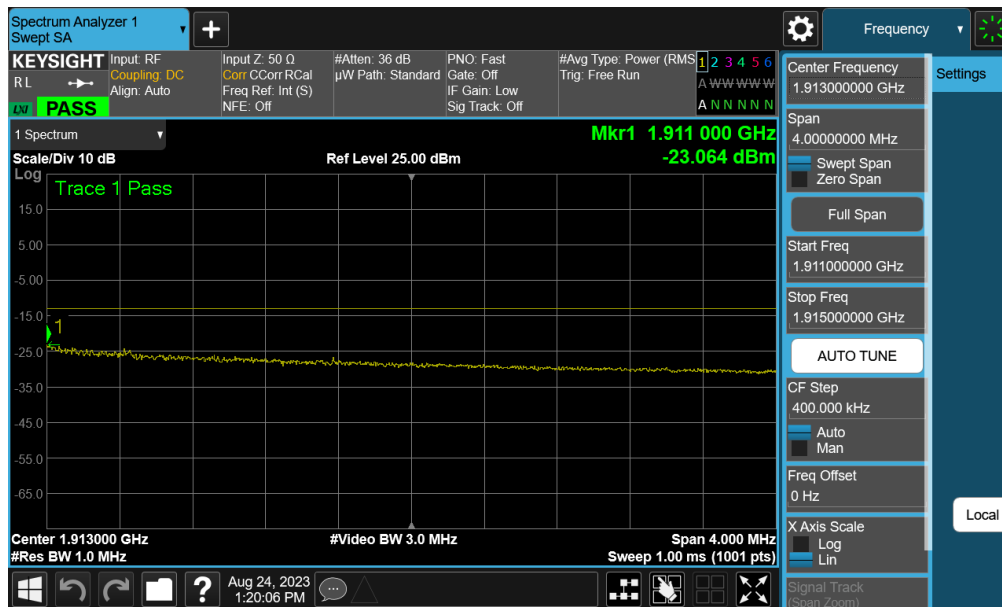


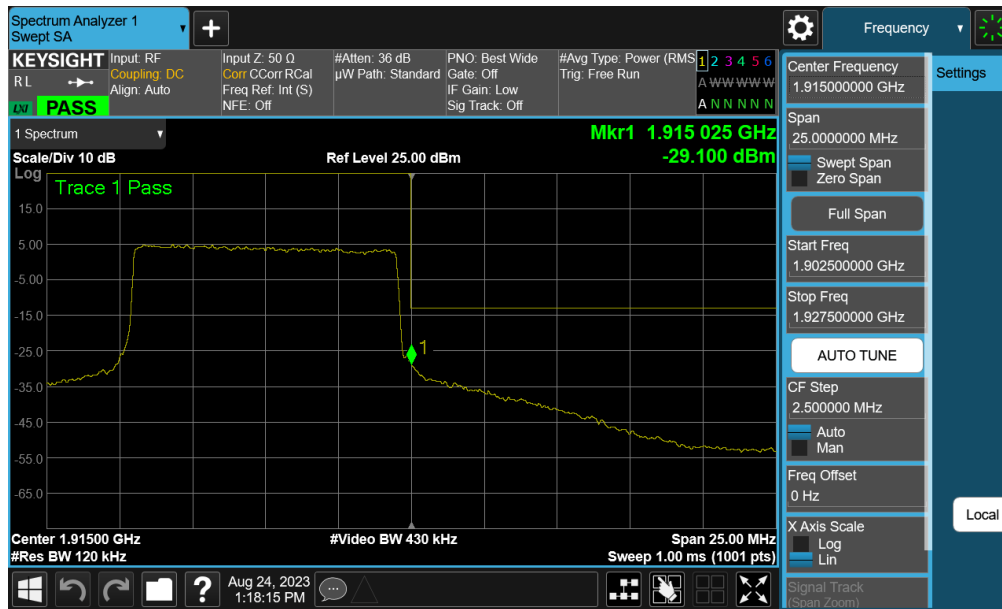


Plot 7-80. Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK – Full RB - Ant 0)

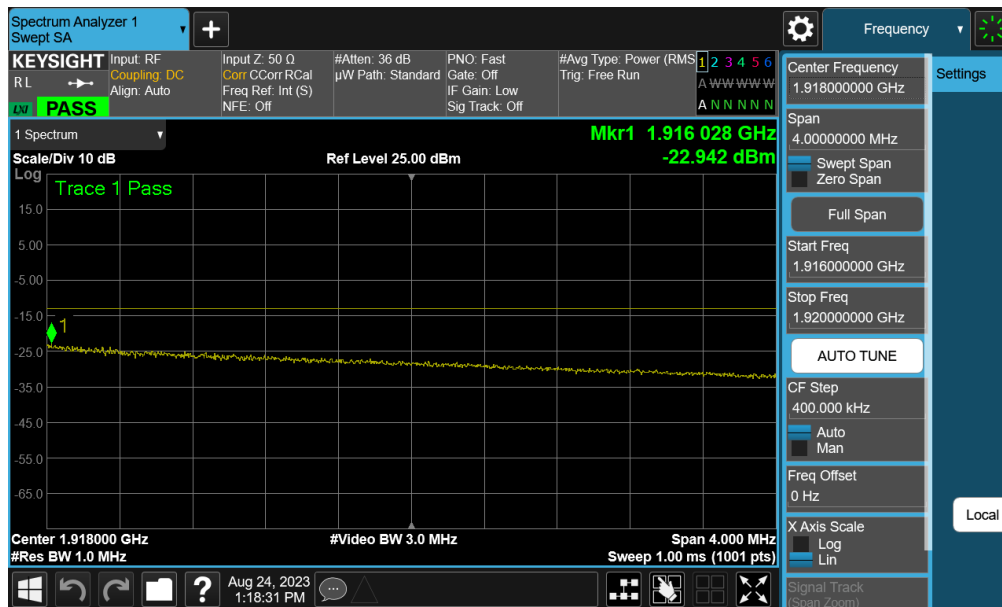


Plot 7-81. Extended Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK – Full RB - Ant 0)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 67 of 117



Plot 7-82. Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK - Full RB - Ant 0)



Plot 7-83. Extended Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK - Full RB - Ant 0)

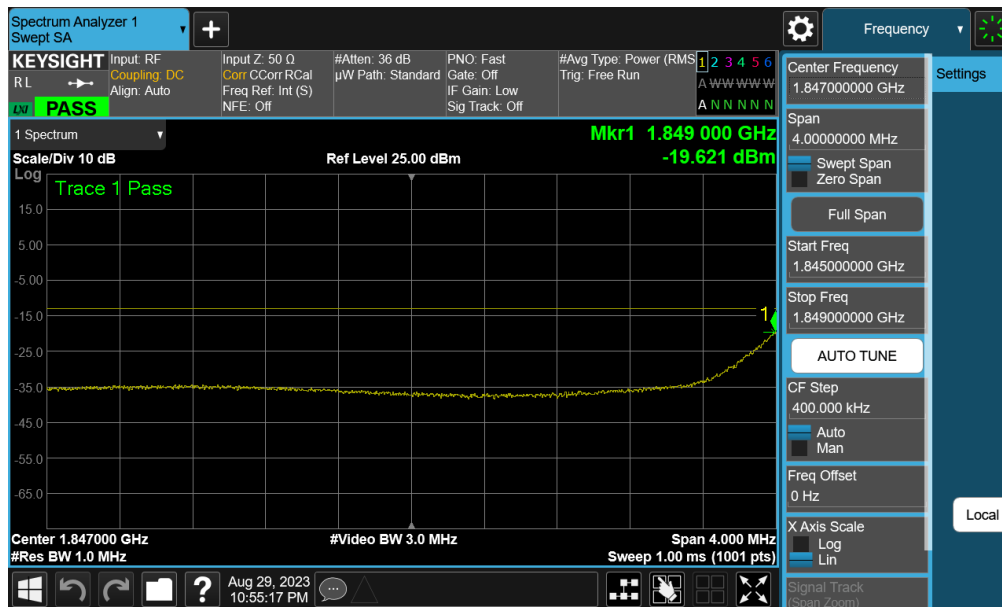
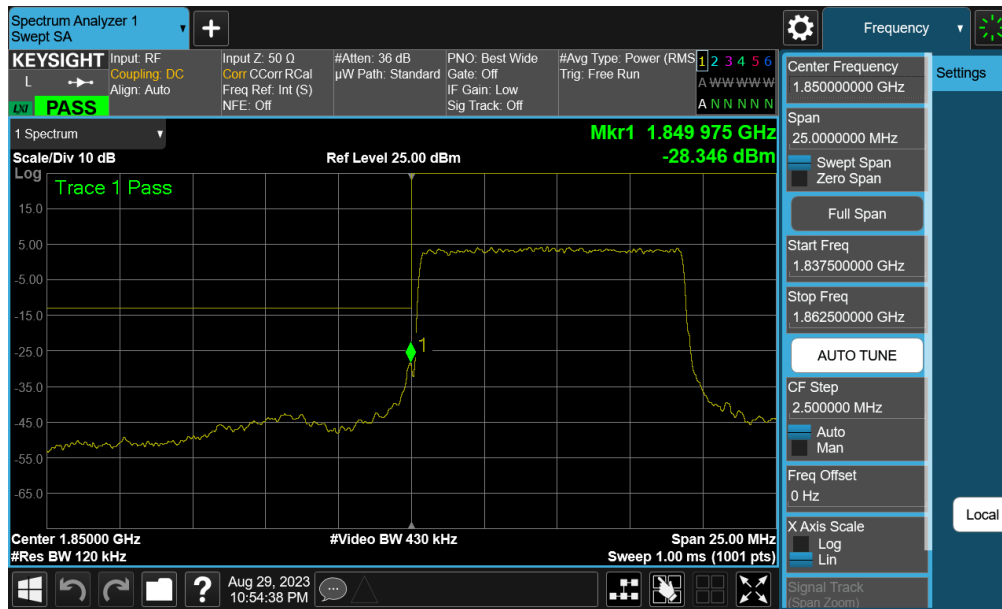
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 68 of 117

NR Band n25/2 – Ant 0

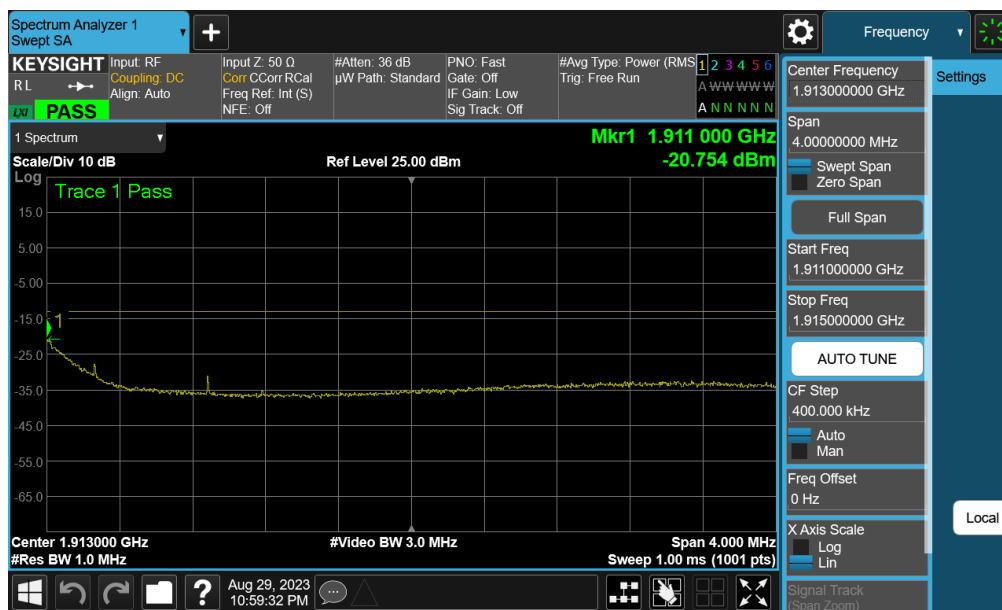
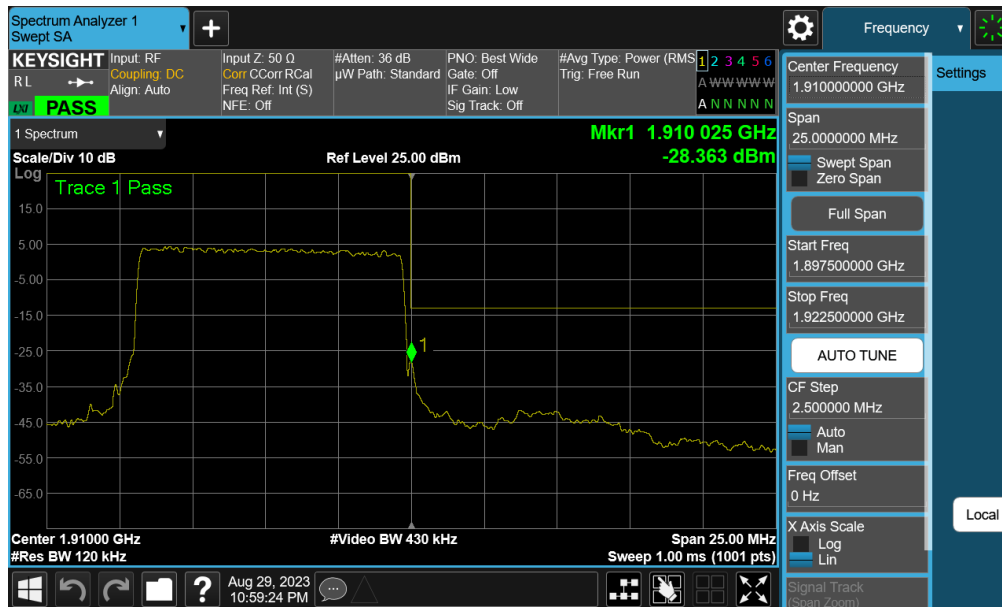
Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n25-2	20 MHz	Low	Band Edge	-32.87	-13	-19.87
		Low	Extended	-27.72	-13	-14.72
		High NR 2	Band Edge	-31.71	-13	-18.71
		High NR 25	Band Edge	-30.49	-13	-17.49
		High NR 2	Extended	-29.20	-13	-16.20
		High NR 25	Extended	-28.76	-13	-15.76
	15 MHz	Low	Band Edge	-30.69	-13	-17.69
		Low	Extended	-26.45	-13	-13.45
		High NR 2	Band Edge	-31.02	-13	-18.02
		High NR 25	Band Edge	-29.06	-13	-16.06
		High NR 2	Extended	-24.92	-13	-11.91
		High NR 25	Extended	-25.69	-13	-12.69
	10 MHz	Low	Band Edge	-28.35	-13	-15.35
		Low	Extended	-19.62	-13	-6.62
		High NR 2	Band Edge	-28.36	-13	-15.36
		High NR 25	Band Edge	-28.81	-13	-15.81
		High NR 2	Extended	-20.75	-13	-7.75
		High NR 25	Extended	-21.12	-13	-8.12
	5 MHz	Low	Band Edge	-27.19	-13	-14.19
		Low	Extended	-27.87	-13	-14.87
		High NR 2	Band Edge	-27.06	-13	-14.06
		High NR 25	Band Edge	-26.76	-13	-13.76
		High NR 2	Extended	-28.30	-13	-15.30
		High NR 25	Extended	-29.10	-13	-16.10

Table 7-11. Band Edge Test Results – Ant 0

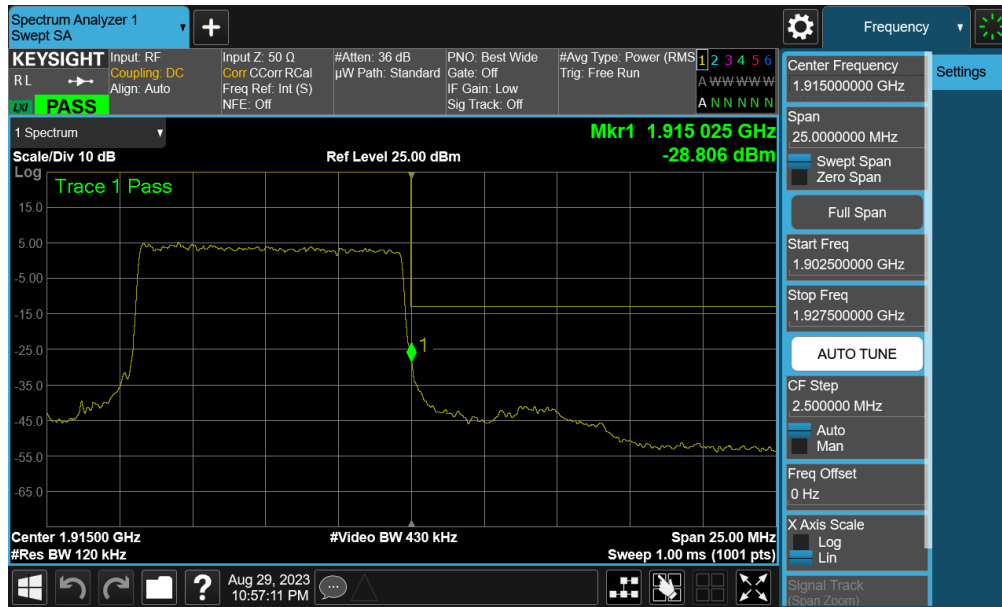
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 69 of 117



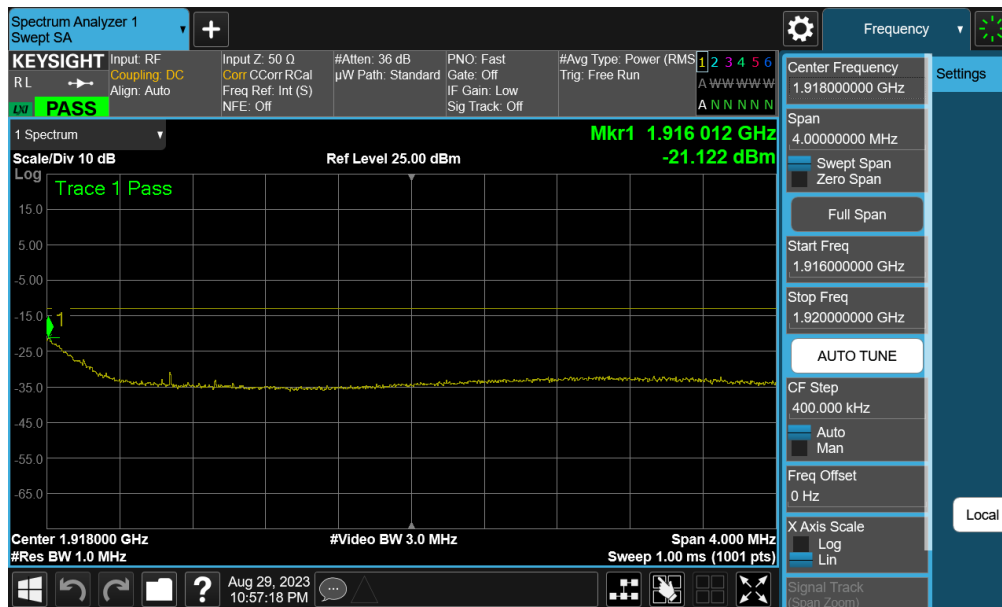
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 70 of 117



FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 71 of 117



Plot 7-88. Upper Band Edge Plot (NR Band n25 - 10MHz BPSK – Full RB - Ant 0)



Plot 7-89. Extended Upper Band Edge Plot (NR Band n25 - 10MHz BPSK – Full RB - Ant 0)

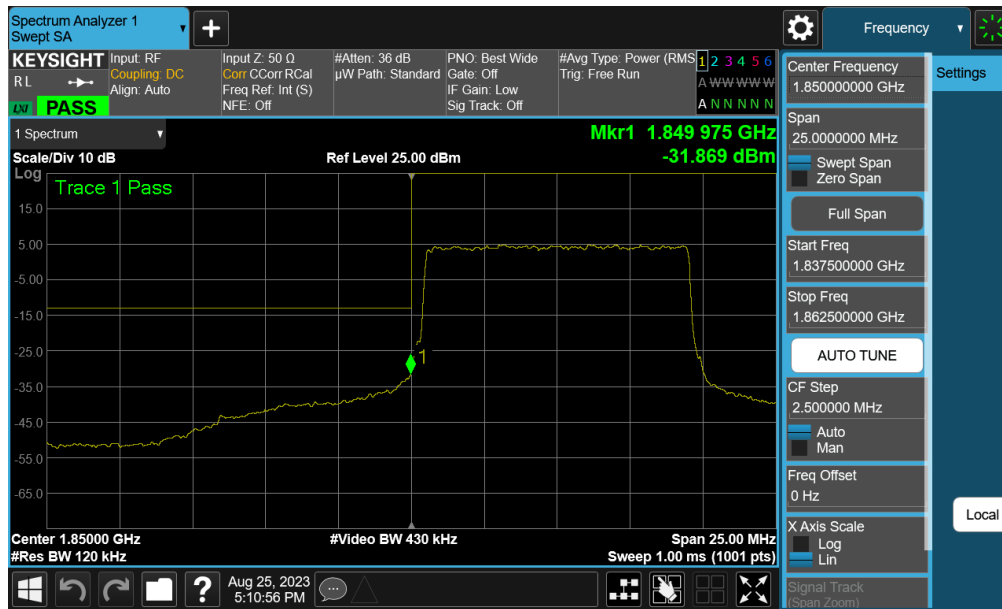
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 72 of 117

LTE Band 25/2 – Ant 7

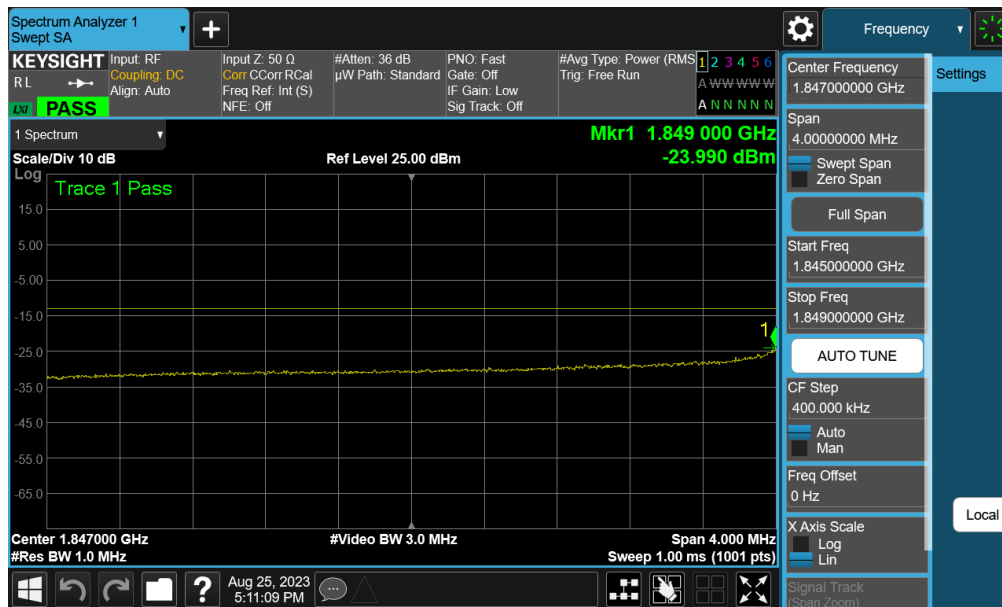
Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B25-2	20 MHz	Low	Band Edge	-33.42	-13	-20.42
		Low	Extended	-28.29	-13	-15.29
		High LB2	Band Edge	-34.49	-13	-21.49
		High LB25	Band Edge	-32.80	-13	-19.80
		High LB2	Extended	-29.34	-13	-16.34
		High LB25	Extended	-30.48	-13	-17.48
	15 MHz	Low	Band Edge	-29.28	-13	-16.28
		Low	Extended	-26.84	-13	-13.84
		High LB2	Band Edge	-32.63	-13	-19.63
		High LB25	Band Edge	-33.32	-13	-20.32
		High LB2	Extended	-27.00	-13	-14.00
		High LB25	Extended	-28.05	-13	-15.05
	10 MHz	Low	Band Edge	-31.87	-13	-18.87
		Low	Extended	-23.99	-13	-10.99
		High LB2	Band Edge	-29.86	-13	-16.86
		High LB25	Band Edge	-31.79	-13	-18.79
		High LB2	Extended	-25.49	-13	-12.49
		High LB25	Extended	-25.96	-13	-12.96
	5 MHz	Low	Band Edge	-25.00	-13	-12.00
		Low	Extended	-27.36	-13	-14.36
		High LB2	Band Edge	-25.79	-13	-12.79
		High LB25	Band Edge	-25.96	-13	-12.96
		High LB2	Extended	-30.48	-13	-17.48
		High LB25	Extended	-31.80	-13	-18.80
	3 MHz	Low	Band Edge	-25.77	-13	-12.77
		Low	Extended	-26.42	-13	-13.42
		High LB2	Band Edge	-26.00	-13	-13.00
		High LB25	Band Edge	-26.45	-13	-13.45
		High LB2	Extended	-30.31	-13	-17.31
		High LB25	Extended	-32.64	-13	-19.64
	1.4 MHz	Low	Band Edge	-25.34	-13	-12.34
		Low	Extended	-35.50	-13	-22.50
		High LB2	Band Edge	-26.01	-13	-13.01
		High LB25	Band Edge	-26.21	-13	-13.21
		High LB2	Extended	-34.80	-13	-21.80
		High LB25	Extended	-33.03	-13	-20.03

Table 7-12. Band Edge Test Results – Ant 7

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 73 of 117

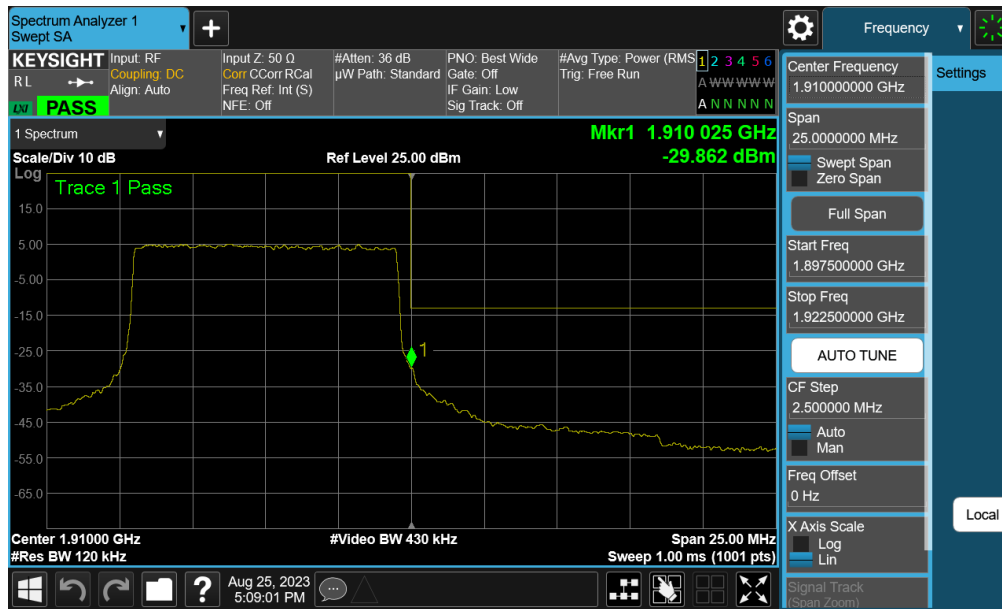


Plot 7-90. Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK – Full RB - Ant 7)

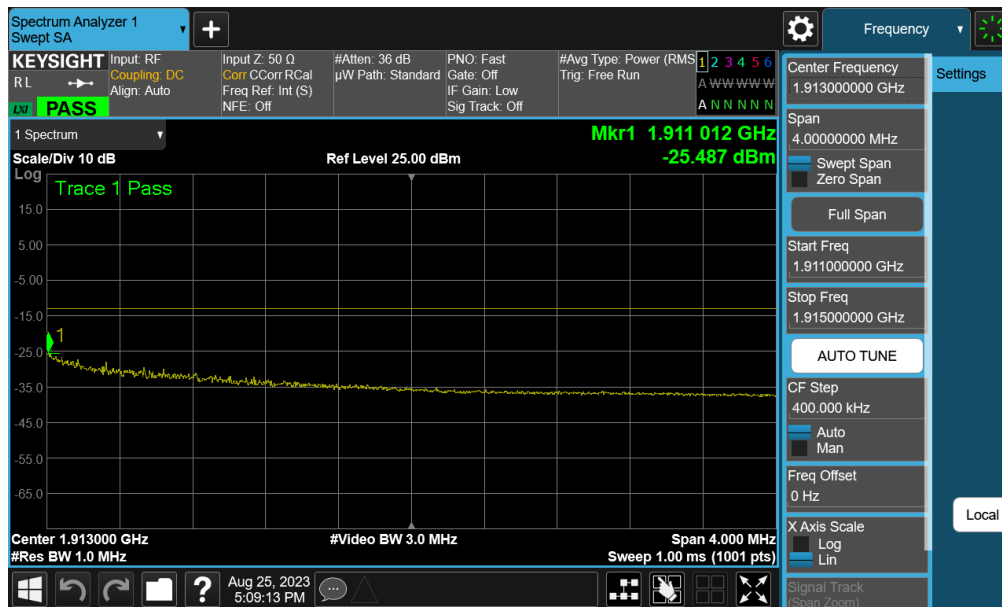


Plot 7-91. Extended Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK – Full RB - Ant 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 74 of 117

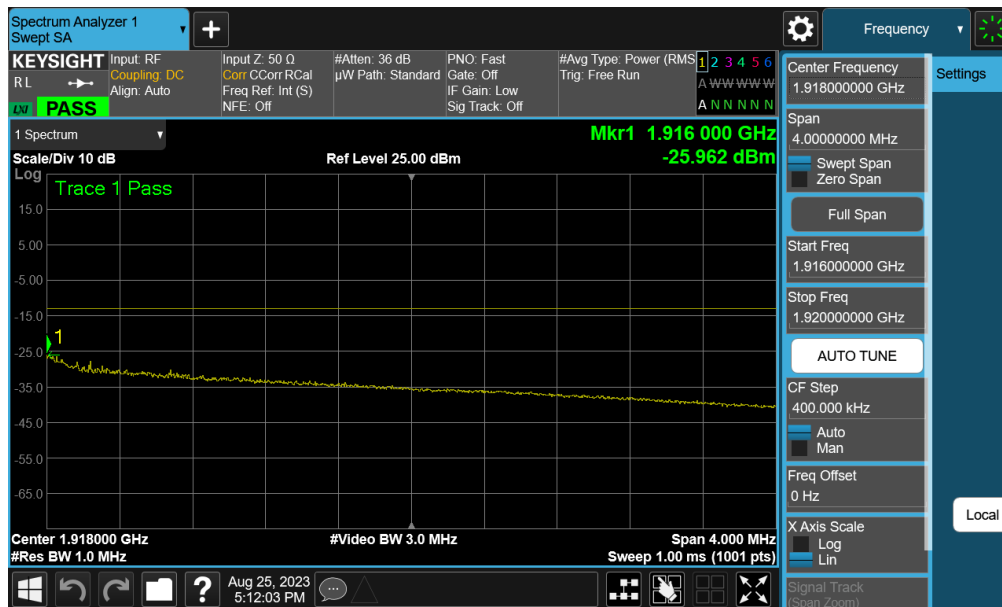
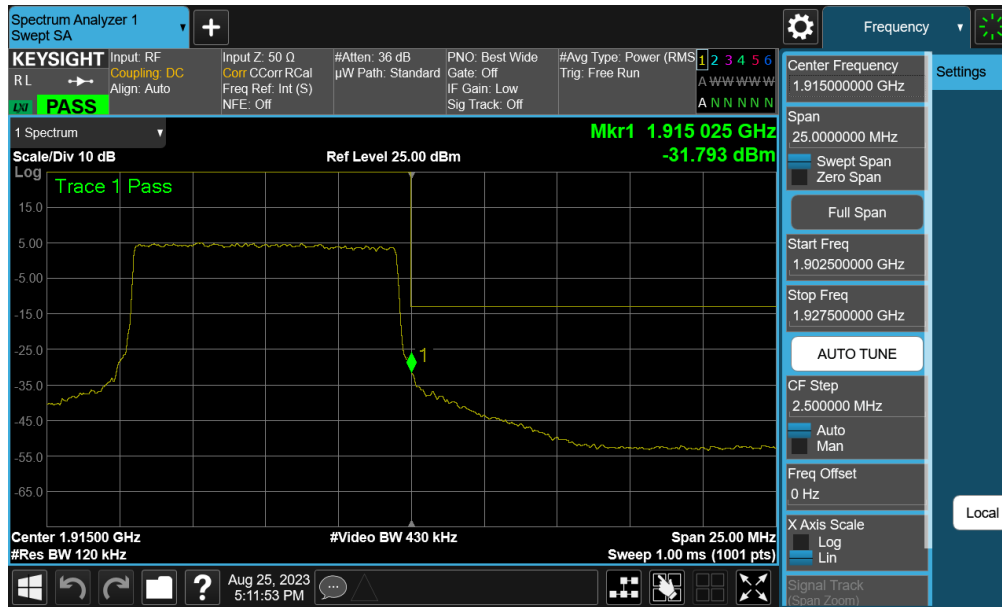


Plot 7-92. Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK - Full RB - Ant 7)



Plot 7-93. Extended Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK - Full RB - Ant 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 75 of 117



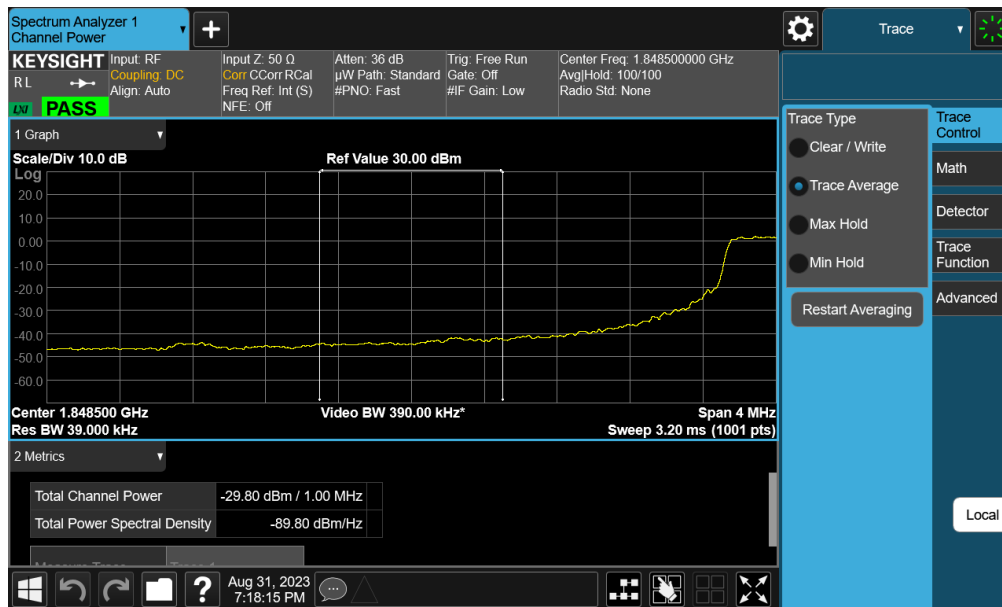
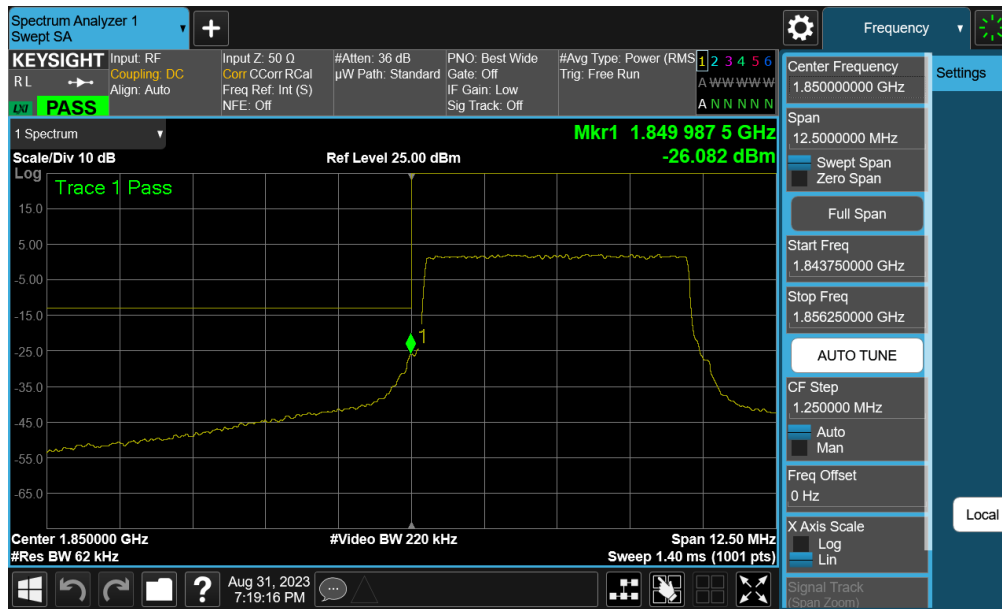
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 76 of 117

NR Band n25/2 – Ant 7

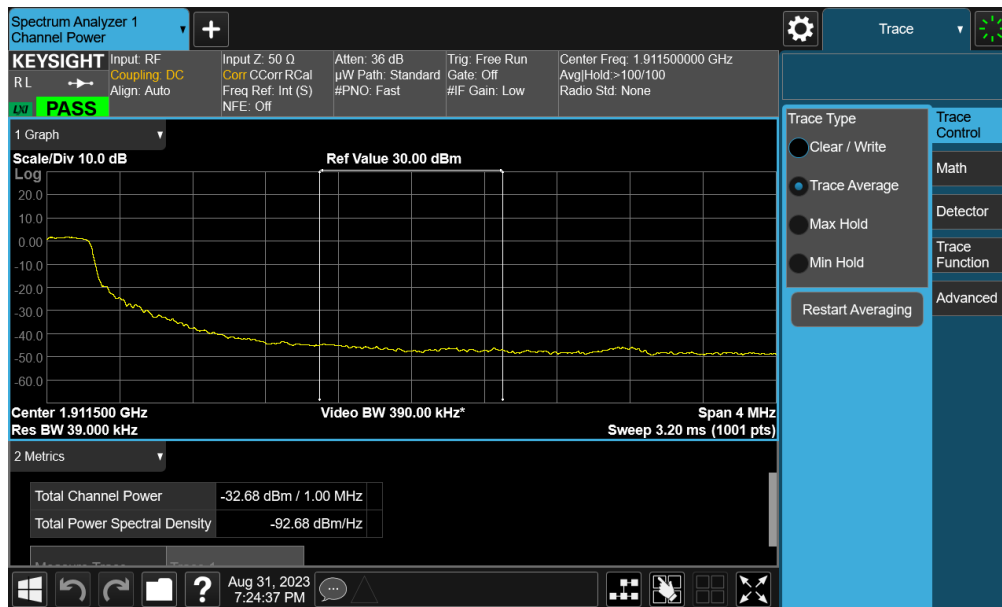
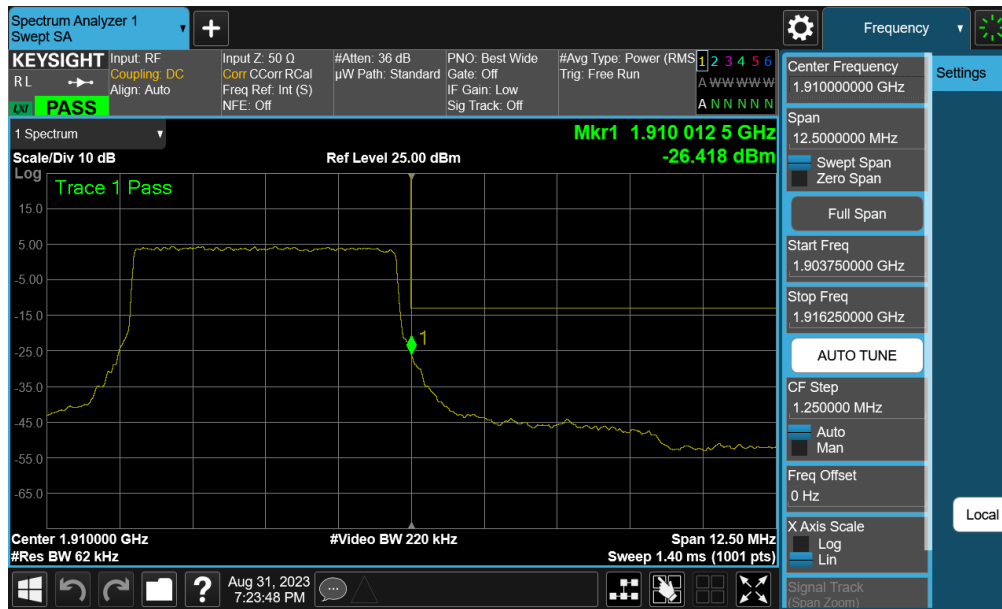
Mode	Bandwidth	Channel	Test Case	Level [dBm]	Lim it [dBm]	Margin [dB]
NR-n25-2	20 MHz	Low	Band Edge	-31.45	-13	-18.45
		Low	Extended	-26.52	-13	-13.52
		High NR 2	Band Edge	-33.29	-13	-20.29
		High NR 25	Band Edge	-32.36	-13	-19.36
		High NR 2	Extended	-29.03	-13	-16.03
		High NR 25	Extended	-29.41	-13	-16.41
	15 MHz	Low	Band Edge	-31.14	-13	-18.14
		Low	Extended	-23.43	-13	-10.43
		High NR 2	Band Edge	-30.21	-13	-17.21
		High NR 25	Band Edge	-32.13	-13	-19.13
		High NR 2	Extended	-24.90	-13	-11.90
		High NR 25	Extended	-25.95	-13	-12.95
	10 MHz	Low	Band Edge	-28.21	-13	-15.21
		Low	Extended	-18.95	-13	-5.95
		High NR 2	Band Edge	-27.19	-13	-14.19
		High NR 25	Band Edge	-30.64	-13	-17.64
		High NR 2	Extended	-20.37	-13	-7.37
		High NR 25	Extended	-21.06	-13	-8.06
	5 MHz	Low	Band Edge	-26.08	-13	-13.08
		Low	Extended	-29.80	-13	-16.80
		High NR 2	Band Edge	-26.42	-13	-13.42
		High NR 25	Band Edge	-24.72	-13	-11.72
		High NR 2	Extended	-32.68	-13	-19.68
		High NR 25	Extended	-14.36	-13	-1.36

Table 7-13. Band Edge Test Results – Ant 7

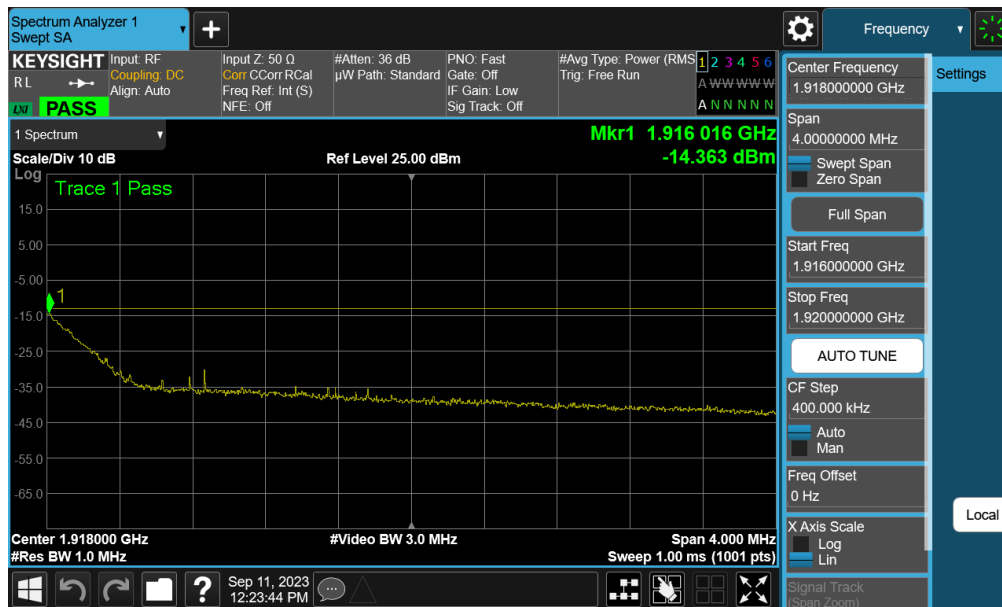
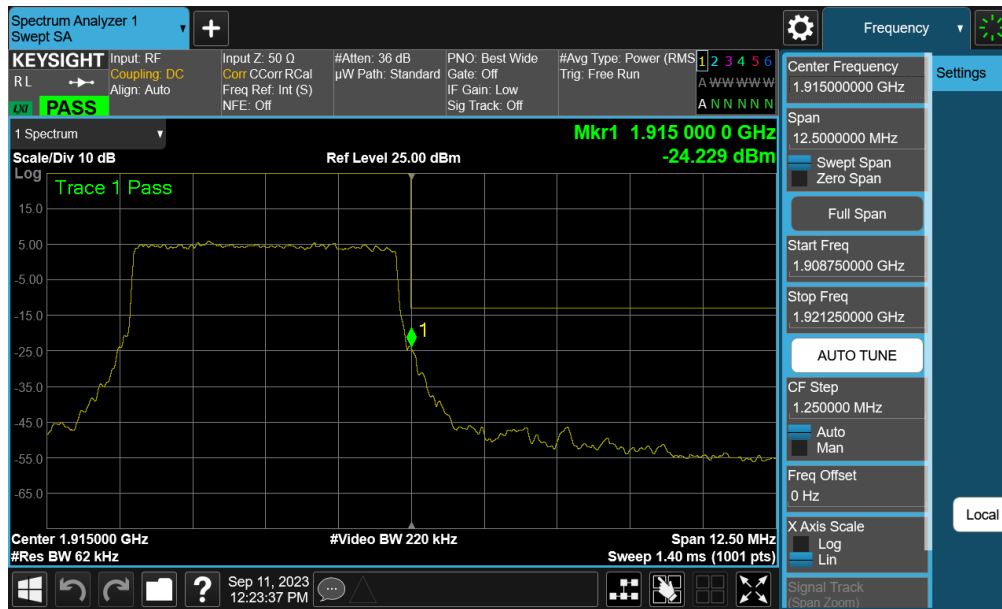
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 77 of 117



FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 78 of 117



FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 79 of 117



FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 80 of 117

7.6 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB.

Test Procedure Used

ANSI C63.26-2015 – Section 5.2.3.4

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

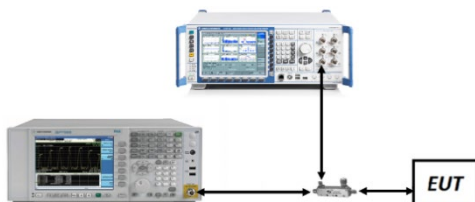


Figure 7-5. Test Instrument & Measurement Setup

Test Notes

For the QAM modulations, 256QAM was found to have the worst-case peak-to-average ratio so it is the only QAM measurement included in this section.

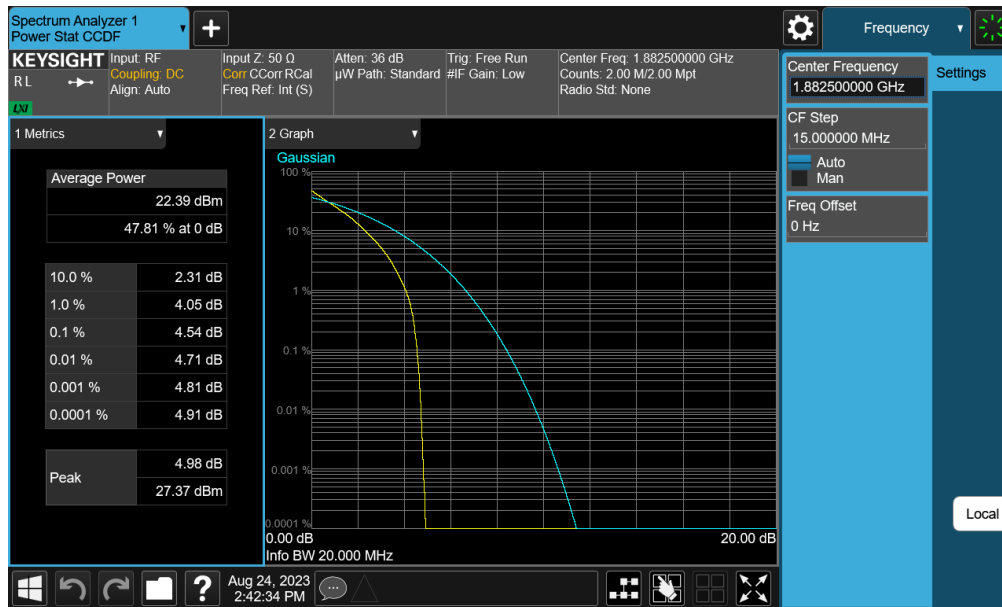
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 81 of 117

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
GSM-PCS	N/A	GMSK	27.28	2.73	13	-10.27
GSM-PCS Edge		8-PSK	23.31	6.64	13	-6.36
WCDMA		read Spectrum	23.53	2.87	13	-10.13
LTE-B25-2	20 MHz	QPSK	22.39	4.54	13	-8.46
		256QAM	18.42	6.62	13	-6.38
	15 MHz	QPSK	22.31	4.61	13	-8.39
		256QAM	18.27	6.83	13	-6.17
	10 MHz	QPSK	22.41	4.61	13	-8.39
		256QAM	18.39	6.83	13	-6.17
	5 MHz	QPSK	22.40	4.61	13	-8.39
		256QAM	18.40	6.83	13	-6.17
	3 MHz	QPSK	22.38	4.61	13	-8.39
		256QAM	18.39	6.83	13	-6.17
	1.4 MHz	QPSK	22.36	4.61	13	-8.39
		256QAM	18.36	6.83	13	-6.17
NR-n25-2	20 MHz	$\pi/2$ BPSK	22.17	4.26	13	-8.74
		QPSK	19.58	7.27	13	-5.73
		256QAM	15.98	8.53	13	-4.47
	15MHz	$\pi/2$ BPSK	22.13	4.69	13	-8.31
		QPSK	19.63	7.34	13	-5.66
		256QAM	16.05	8.51	13	-4.49
	10MHz	$\pi/2$ BPSK	22.07	4.38	13	-8.62
		QPSK	19.52	7.32	13	-5.68
		256QAM	15.94	8.50	13	-4.50
	5MHz	$\pi/2$ BPSK	22.35	4.73	13	-8.27
		QPSK	19.91	7.29	13	-5.71
		256QAM	16.32	8.54	13	-4.46

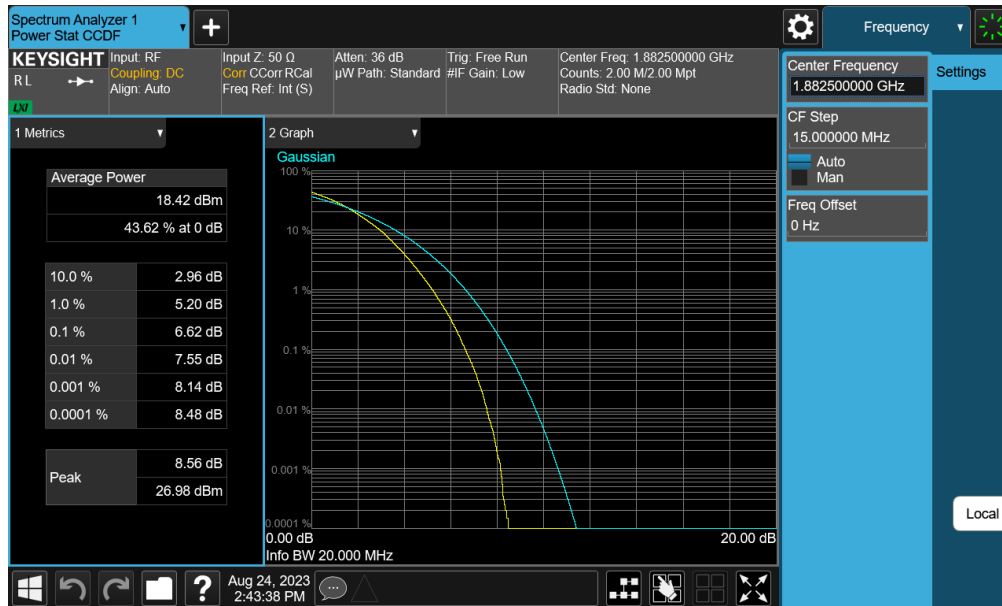
Table 7-14. PAR Test Results – Ant 0

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 82 of 117

LTE Band 25/2 – Ant 0



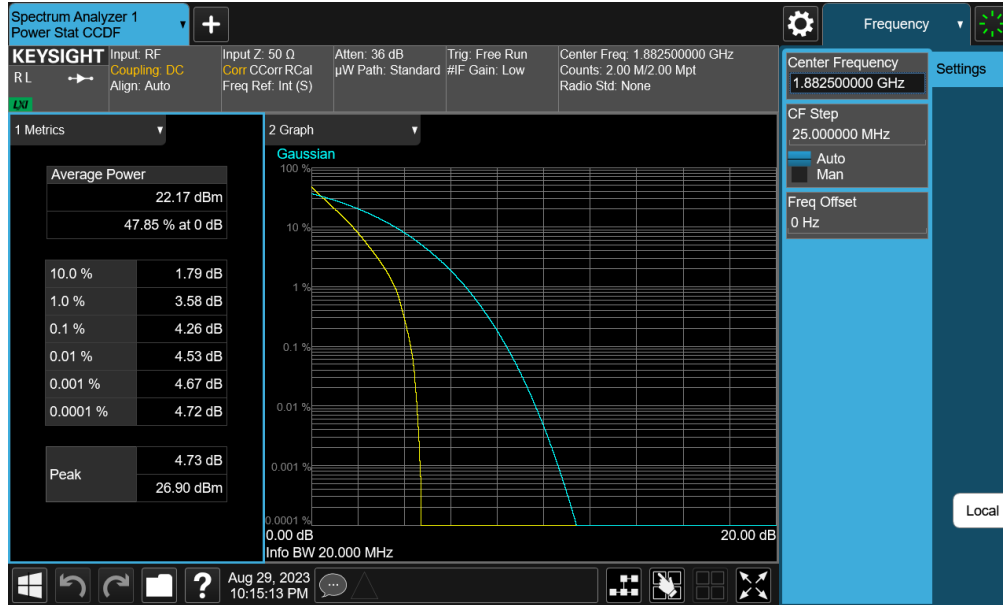
Plot 7-102. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant 0)



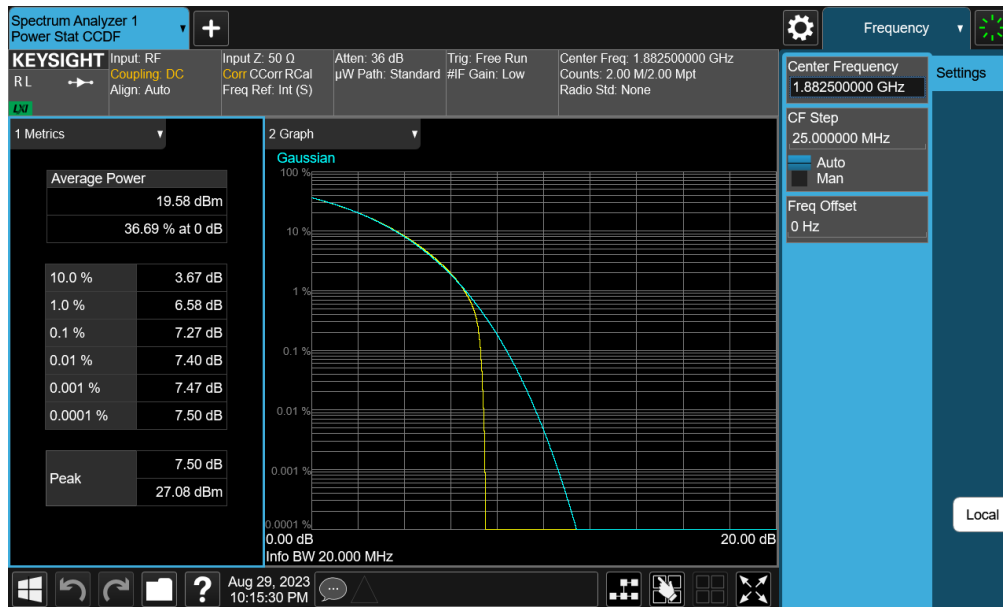
Plot 7-103. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant 0)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 83 of 117

NR Band n25/2 – Ant 0



Plot 7-104. PAR Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT 0)



Plot 7-105. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT 0)

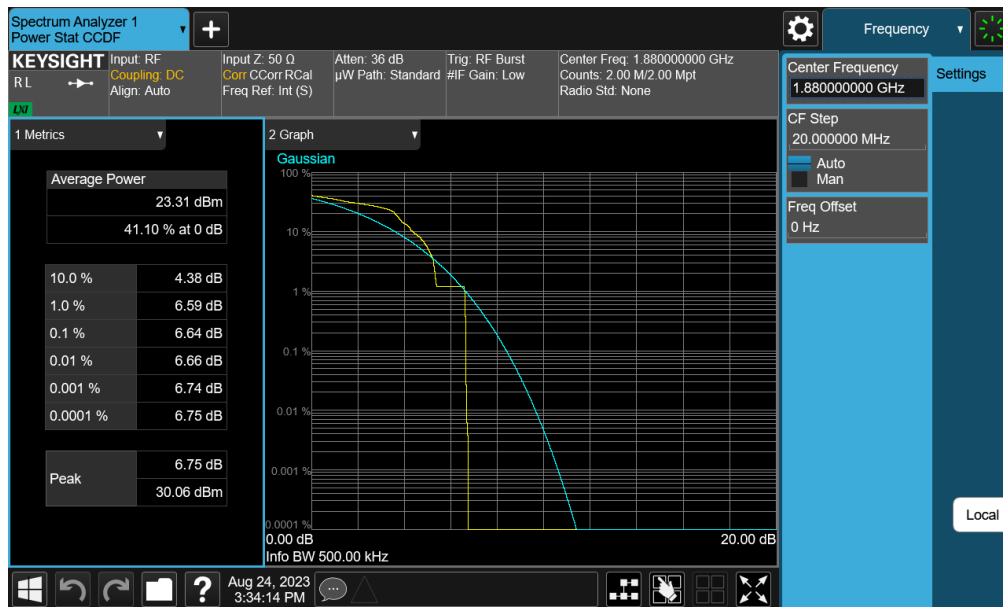
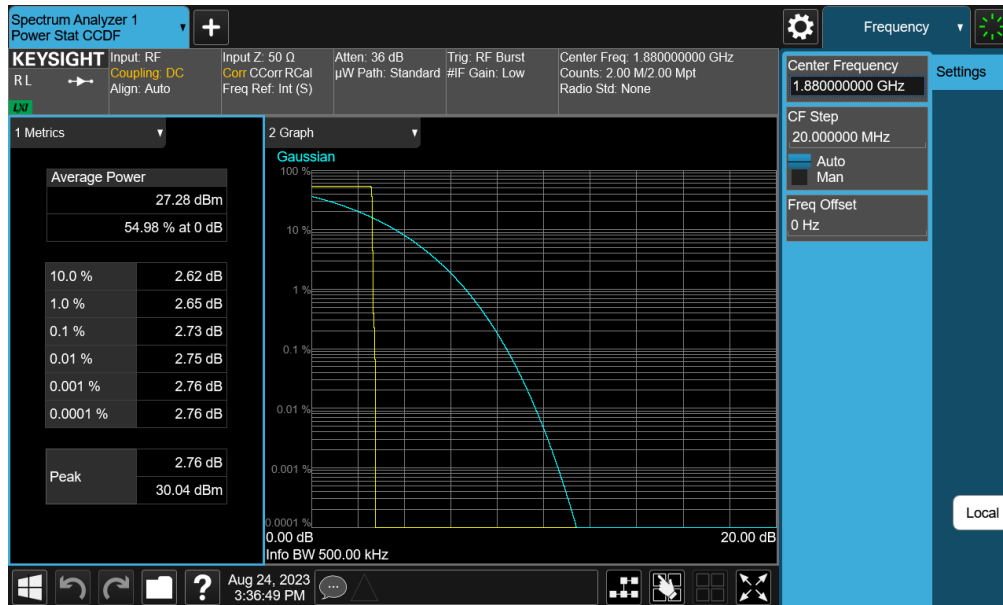
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 84 of 117



Plot 7-106. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT 0)

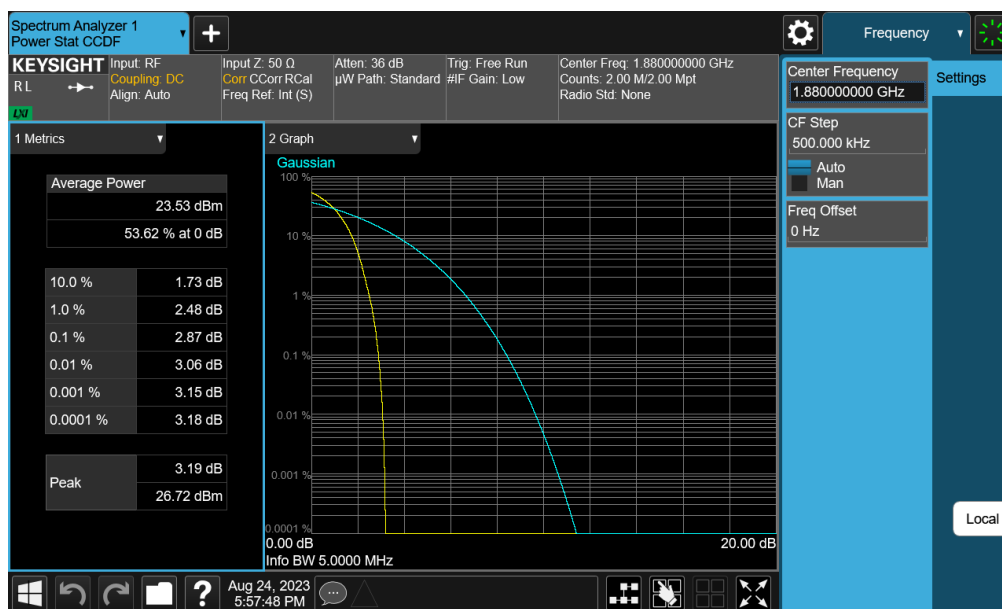
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 85 of 117

GSM/GPRS PCS – Ant 0



FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 86 of 117

WCDMA PCS – Ant 0



Plot 7-109. PAR Plot (WCDMA, Ch. 9400 - Ant 0)

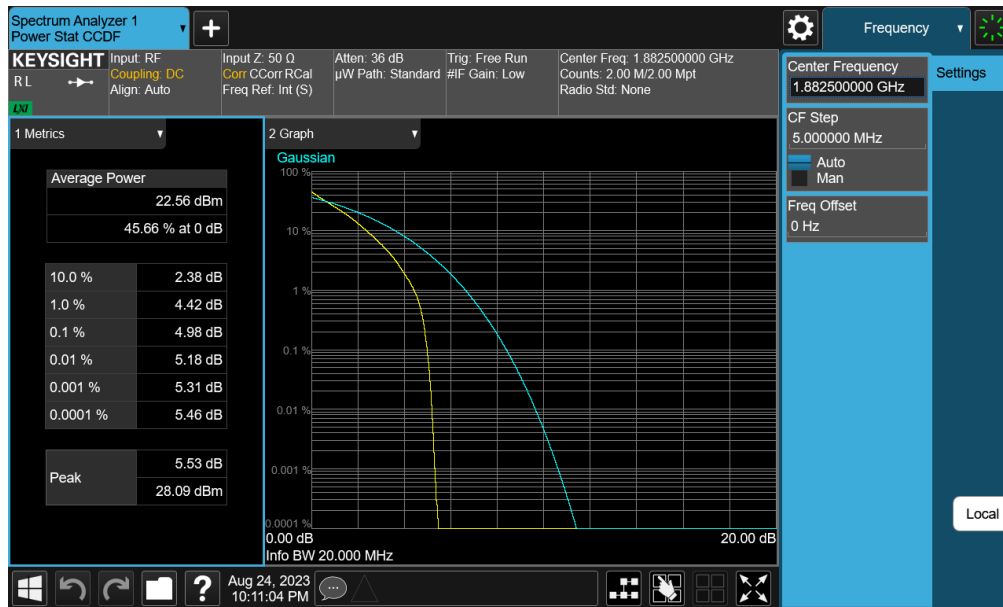
FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 87 of 117

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
LTE-B25-2	20 MHz	QPSK	22.56	4.98	13	-8.02
		256QAM	18.52	6.85	13	-6.15
	15 MHz	QPSK	22.71	5.21	13	-7.79
		256QAM	18.75	6.91	13	-6.09
	10 MHz	QPSK	22.78	4.54	13	-8.46
		256QAM	18.75	6.91	13	-6.09
	5 MHz	QPSK	22.69	4.50	13	-8.50
		256QAM	18.70	6.90	13	-6.10
	3 MHz	QPSK	22.66	4.41	13	-8.59
		256QAM	18.65	6.93	13	-6.07
	1.4 MHz	QPSK	22.65	4.50	13	-8.50
		256QAM	18.67	6.93	13	-6.07
NR-n25-2	20 MHz	$\pi/2$ BPSK	22.71	4.15	13	-8.85
		QPSK	20.12	7.73	13	-5.27
		256QAM	16.52	8.47	13	-4.53
	15MHz	$\pi/2$ BPSK	22.23	4.00	13	-9.00
		QPSK	19.85	6.60	13	-6.40
		256QAM	16.32	8.42	13	-4.58
	10MHz	$\pi/2$ BPSK	22.41	3.91	13	-9.09
		QPSK	19.96	6.70	13	-6.30
		256QAM	16.41	8.41	13	-4.59
	5MHz	$\pi/2$ BPSK	22.45	4.05	13	-8.95
		QPSK	19.98	6.67	13	-6.33
		256QAM	16.40	8.42	13	-4.58

Table 7-15. PAR Test Results – Ant 7

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 88 of 117

LTE Band 25/2 – Ant 7



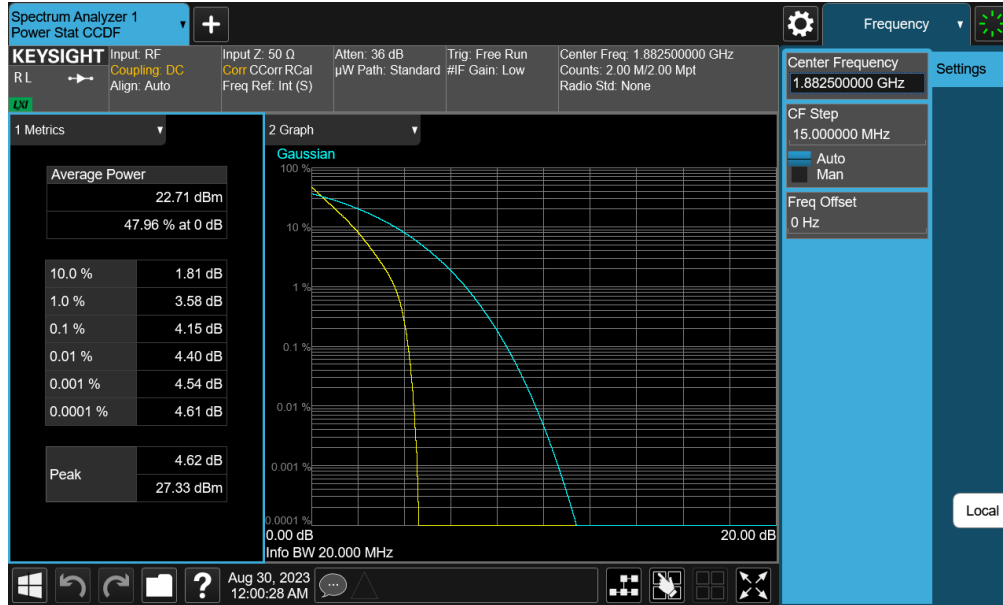
Plot 7-110. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant 7)



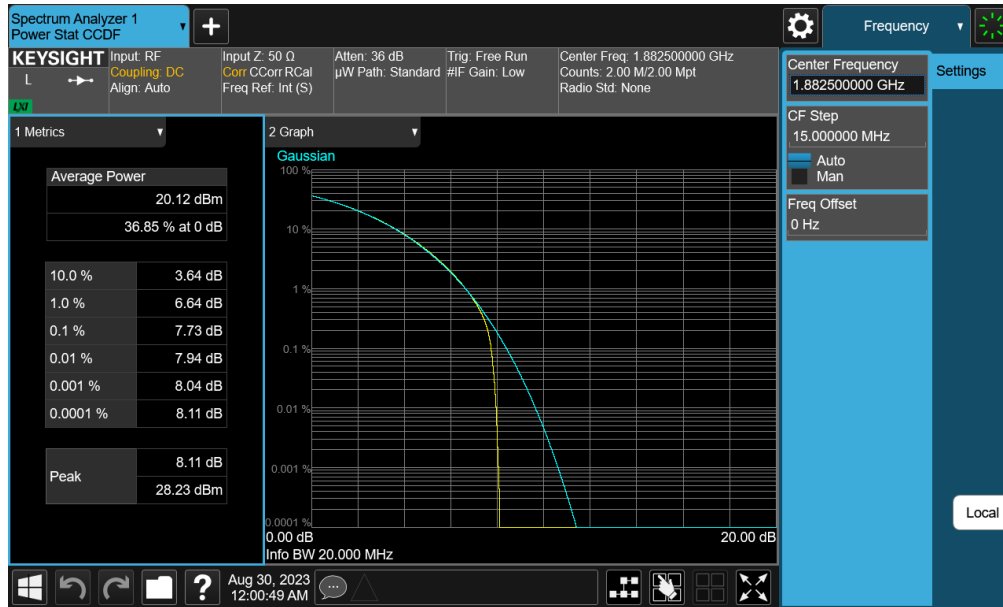
Plot 7-111. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 89 of 117

NR Band n25/2 – Ant 7

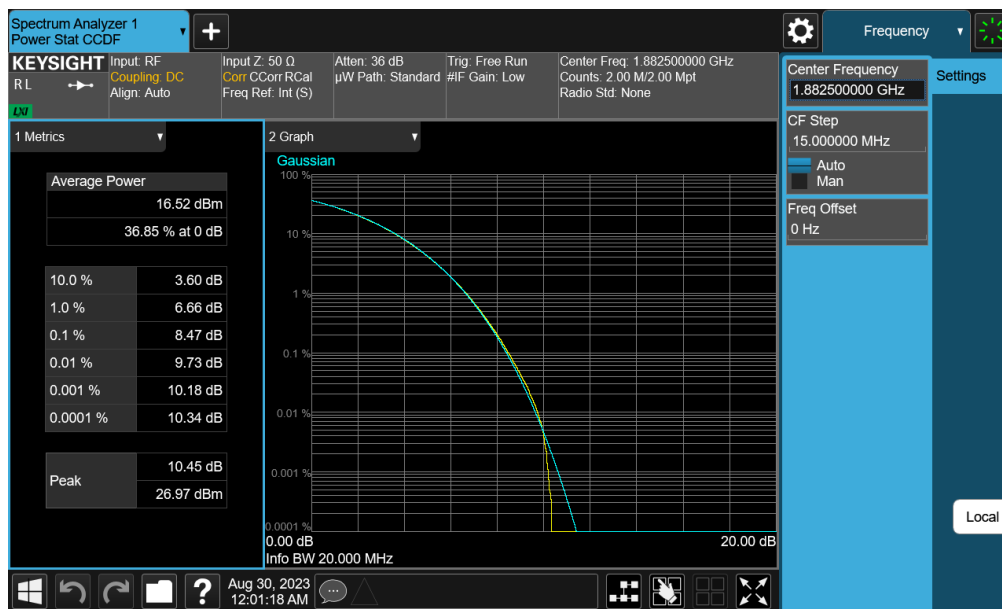


Plot 7-112. PAR Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT 7)



Plot 7-113. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 90 of 117



Plot 7-114. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 91 of 117

7.7 Radiated Power (EIRP)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 – Section 5.2.4.4

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation. For signals with burst transmission, the signal analyzer's "time domain power" measurement capability is used
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signals with burst transmission, the "gating" function was enabled to ensure that measurements are performed during times in which the transmitter is operating at its maximum power.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize.

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 92 of 117

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

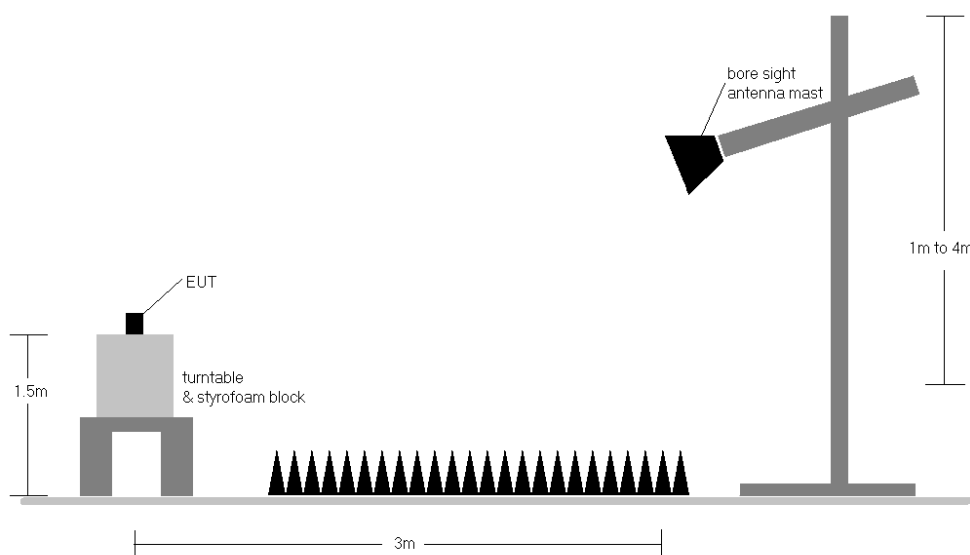


Figure 7-6. Radiated Test Setup >1GHz

Test Notes

- 1) This device employs GSM, GPRS, and EDGE capabilities. The EUT was tested under all configurations and the highest powers are reported in GPRS mode while transmitting with one slot active.
- 2) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
- 3) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 4) This unit was tested with its standard battery.
- 5) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset	Page 93 of 117

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1860.00	V	132	354	8.28	1 / 0	14.87	23.15	0.206	33.01	-9.86
	QPSK	1882.50	V	136	355	8.29	1 / 99	14.37	22.66	0.185	33.01	-10.35
	QPSK	1905.00	V	128	352	8.32	1 / 0	14.85	23.17	0.207	33.01	-9.84
	16-QAM	1905.00	V	128	352	8.32	1 / 0	13.78	22.10	0.162	33.01	-10.91
15 MHz	QPSK	1857.50	V	132	354	8.28	1 / 37	14.77	23.05	0.202	33.01	-9.96
	QPSK	1882.50	V	136	355	8.29	1 / 37	14.30	22.59	0.182	33.01	-10.42
	QPSK	1907.50	V	128	352	8.32	1 / 37	14.81	23.13	0.206	33.01	-9.88
	16-QAM	1907.50	V	128	352	8.32	1 / 37	13.69	22.02	0.159	33.01	-10.99
10 MHz	QPSK	1855.00	V	132	354	8.28	1 / 25	14.70	22.98	0.199	33.01	-10.03
	QPSK	1882.50	V	136	355	8.29	1 / 25	14.37	22.66	0.185	33.01	-10.35
	QPSK	1910.00	V	128	352	8.33	1 / 25	14.84	23.17	0.207	33.01	-9.84
	16-QAM	1910.00	V	128	352	8.33	1 / 25	13.92	22.25	0.168	33.01	-10.76
5 MHz	QPSK	1852.50	V	132	354	8.27	1 / 12	14.85	23.13	0.206	33.01	-9.88
	QPSK	1882.50	V	136	355	8.29	1 / 12	14.31	22.60	0.182	33.01	-10.41
	QPSK	1912.50	V	128	352	8.34	1 / 12	14.68	23.01	0.200	33.01	-10.00
	16-QAM	1852.50	V	132	354	8.27	1 / 12	13.83	22.10	0.162	33.01	-10.91
3 MHz	QPSK	1851.50	V	132	354	8.27	1 / 0	14.72	22.99	0.199	33.01	-10.02
	QPSK	1882.50	V	136	355	8.29	1 / 0	14.39	22.68	0.186	33.01	-10.33
	QPSK	1913.50	V	128	352	8.34	1 / 0	14.86	23.20	0.209	33.01	-9.81
	16-QAM	1913.50	V	128	352	8.34	1 / 0	13.75	22.08	0.162	33.01	-10.93
1.4 MHz	QPSK	1850.70	V	132	354	8.27	1 / 5	14.86	23.14	0.206	33.01	-9.87
	QPSK	1882.50	V	136	355	8.29	1 / 5	14.41	22.70	0.186	33.01	-10.31
	QPSK	1914.30	V	128	352	8.34	1 / 5	14.87	23.21	0.210	33.01	-9.80
	16-QAM	1914.30	V	128	352	8.34	1 / 5	13.79	22.13	0.163	33.01	-10.88
20 MHz	QPSK (Opposite Pol.)	1905.00	H	157	178	8.32	1 / 50	13.18	21.50	0.141	33.01	-11.51
	WCP	1905.00	V	127	351	8.32	1 / 0	13.58	21.90	0.155	33.01	-11.11

Table 7-16. EIRP Data (LTE Band 25/2 – Ant 0)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1860.00	V	162	318	8.28	1 / 0	14.99	23.27	0.212	33.01	-9.74
	QPSK	1882.50	V	164	319	8.29	1 / 99	14.95	23.24	0.211	33.01	-9.77
	QPSK	1905.00	V	162	333	8.32	1 / 0	14.70	23.02	0.200	33.01	-9.99
	16-QAM	1860.00	V	162	318	8.28	1 / 0	14.07	22.35	0.172	33.01	-10.66
15 MHz	QPSK	1857.50	V	162	318	8.28	1 / 74	15.03	23.30	0.214	33.01	-9.71
	QPSK	1882.50	V	164	319	8.29	1 / 74	15.10	23.39	0.218	33.01	-9.62
	QPSK	1907.50	V	162	333	8.32	1 / 74	14.75	23.07	0.203	33.01	-9.94
	16-QAM	1907.50	V	162	333	8.32	1 / 74	13.99	22.31	0.170	33.01	-10.70
10 MHz	QPSK	1855.00	V	162	318	8.28	1 / 0	14.87	23.15	0.206	33.01	-9.86
	QPSK	1882.50	V	164	319	8.29	1 / 25	15.03	23.33	0.215	33.01	-9.68
	QPSK	1910.00	V	162	333	8.33	1 / 25	14.66	22.99	0.199	33.01	-10.02
	16-QAM	1882.50	V	164	319	8.29	1 / 25	13.99	22.28	0.169	33.01	-10.73
5 MHz	QPSK	1852.50	V	162	318	8.27	1 / 12	15.04	23.32	0.215	33.01	-9.69
	QPSK	1882.50	V	164	319	8.29	1 / 12	15.13	23.42	0.220	33.01	-9.59
	QPSK	1912.50	V	162	333	8.34	1 / 24	14.65	22.98	0.199	33.01	-10.03
	16-QAM	1882.50	V	164	319	8.29	1 / 12	14.16	22.45	0.176	33.01	-10.56
3 MHz	QPSK	1851.50	V	162	318	8.27	1 / 7	15.08	23.35	0.216	33.01	-9.66
	QPSK	1882.50	V	164	319	8.29	1 / 7	15.14	23.43	0.220	33.01	-9.58
	QPSK	1913.50	V	162	333	8.34	1 / 7	14.89	23.23	0.210	33.01	-9.78
	16-QAM	1882.50	V	164	319	8.29	1 / 7	14.27	22.56	0.180	33.01	-10.45
1.4 MHz	QPSK	1850.70	V	162	318	8.27	1 / 0	15.01	23.28	0.213	33.01	-9.73
	QPSK	1882.50	V	164	319	8.29	1 / 0	15.14	23.43	0.220	33.01	-9.58
	QPSK	1914.30	V	162	333	8.34	1 / 0	14.76	23.10	0.204	33.01	-9.91
	16-QAM	1882.50	V	164	319	8.29	1 / 0	14.17	22.46	0.176	33.01	-10.55
20 MHz	QPSK (Opposite Pol.)	1860.00	H	156	306	8.28	1 / 0	13.61	21.89	0.154	33.01	-11.12
	WCP	1860.00	V	160	325	8.28	1 / 0	11.36	19.64	0.092	33.01	-13.37

Table 7-17. EIRP Data (LTE Band 25/2 – Ant 7)

FCC ID: A3LSMS928B	PART 24 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2308210093-02.A3L	Test Dates: 8/23/2023 - 10/18/2023	EUT Type: Portable Handset		Page 94 of 117