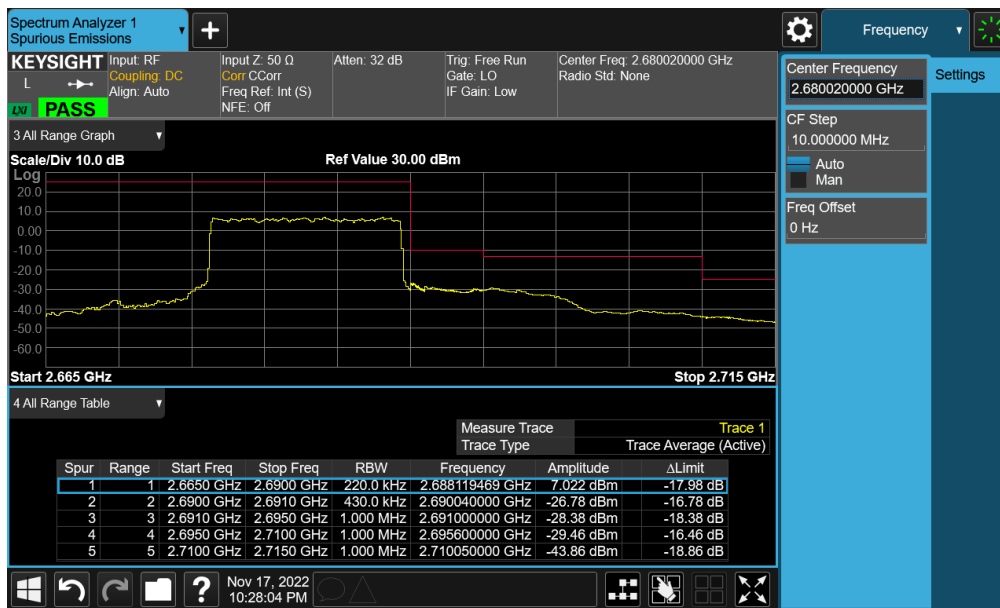
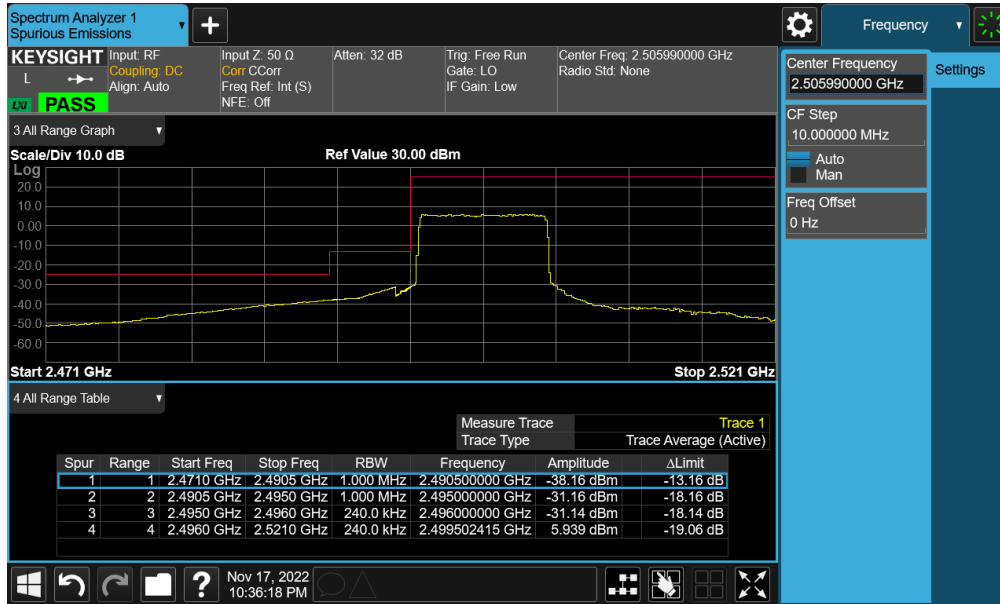


Plot 7-469. Lower ACP Plot (NR Band n41 (PC2) - 15MHz CP-OFDM-QPSK – Full RB - Ant F)

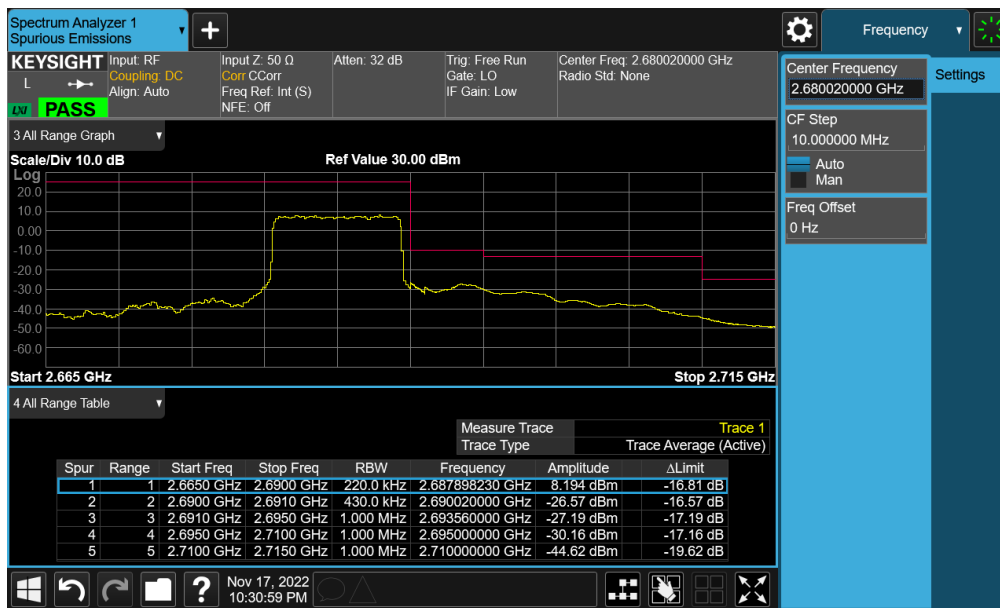


Plot 7-470. Upper ACP Plot (NR Band n41 (PC2) - 15MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 274 of 379



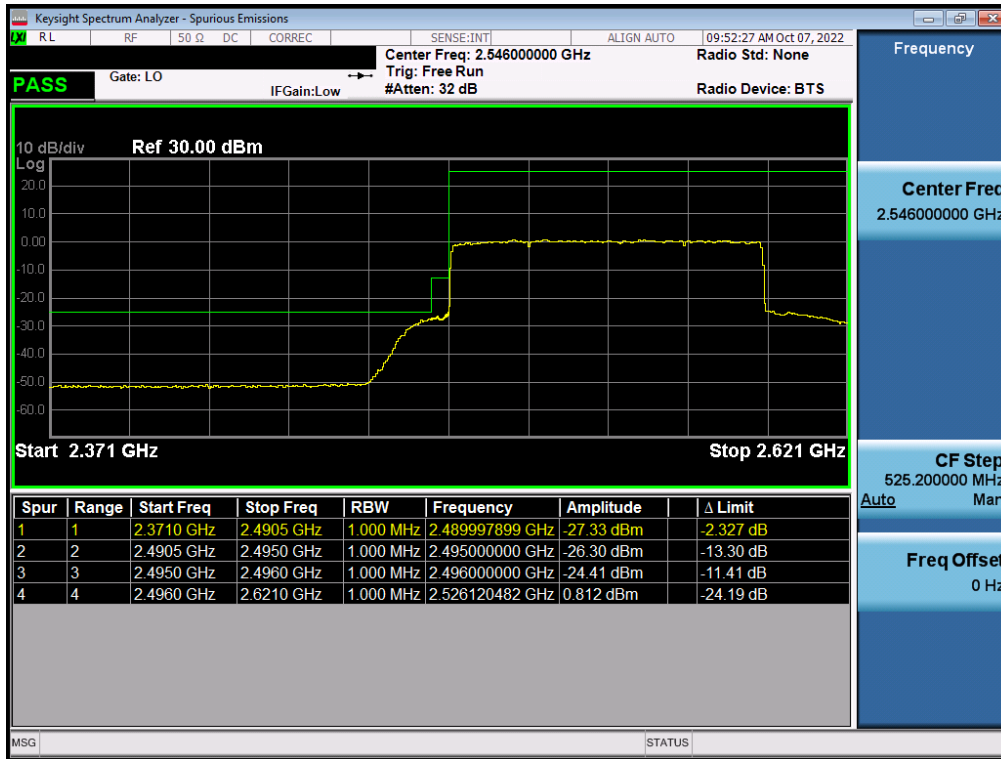
Plot 7-471. Lower ACP Plot (NR Band n41 (PC2) - 10MHz CP-OFDM-QPSK – Full RB - Ant F)



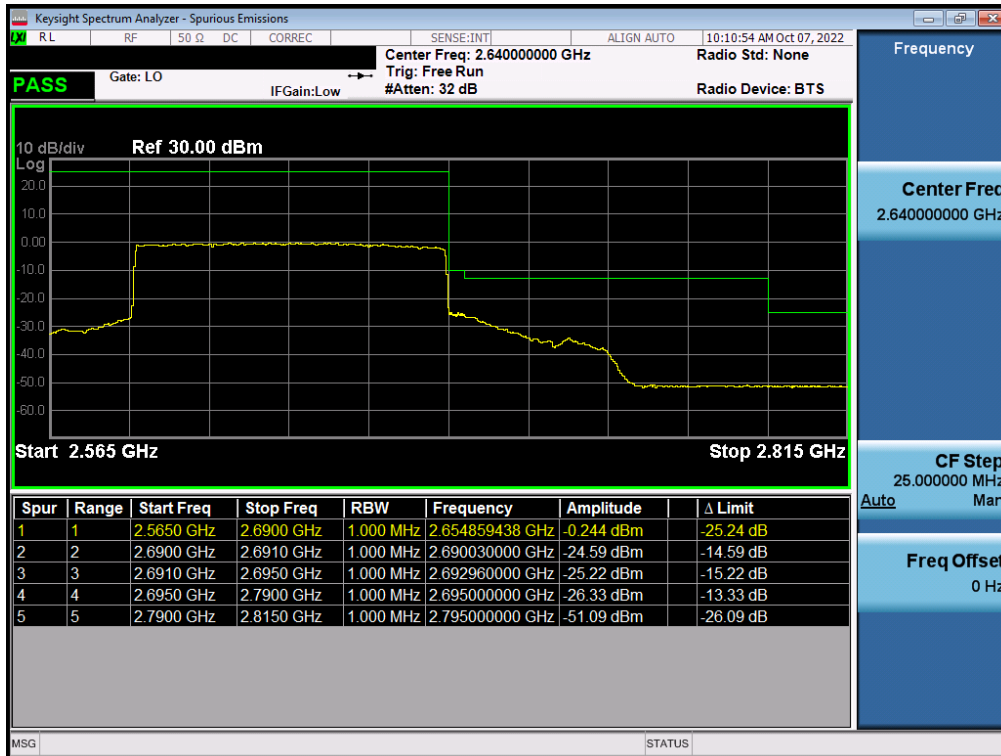
Plot 7-472. Upper ACP Plot (NR Band n41 (PC2) - 10MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 275 of 379

NR Band n41 (PC2) – Ant B



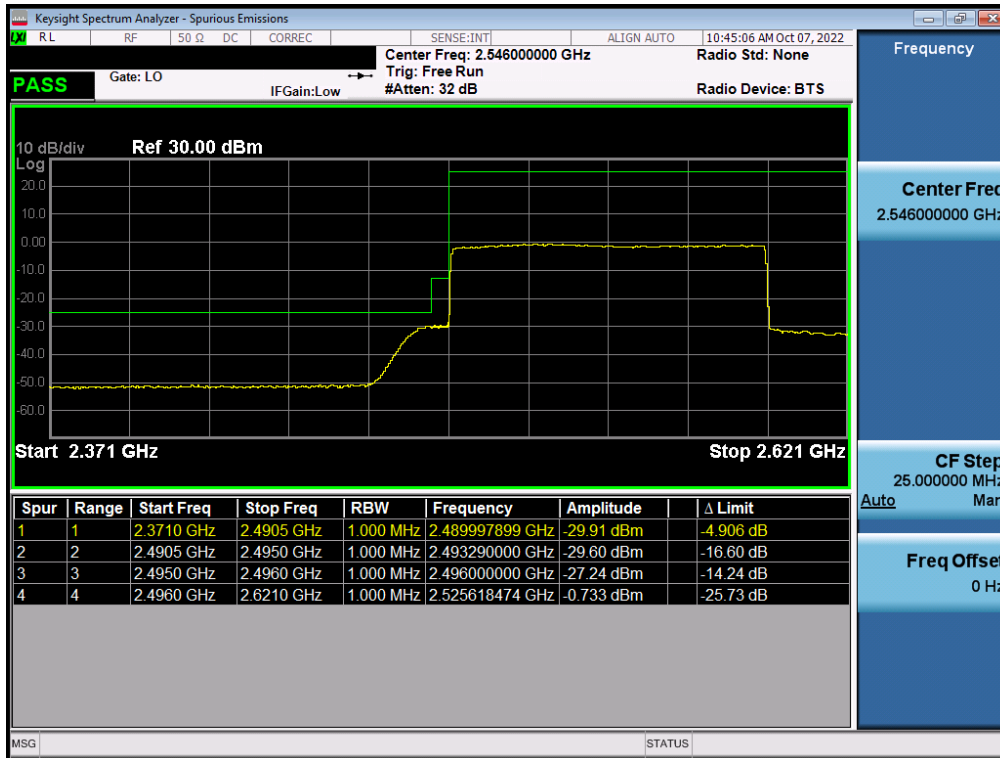
Plot 7-473. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant B)



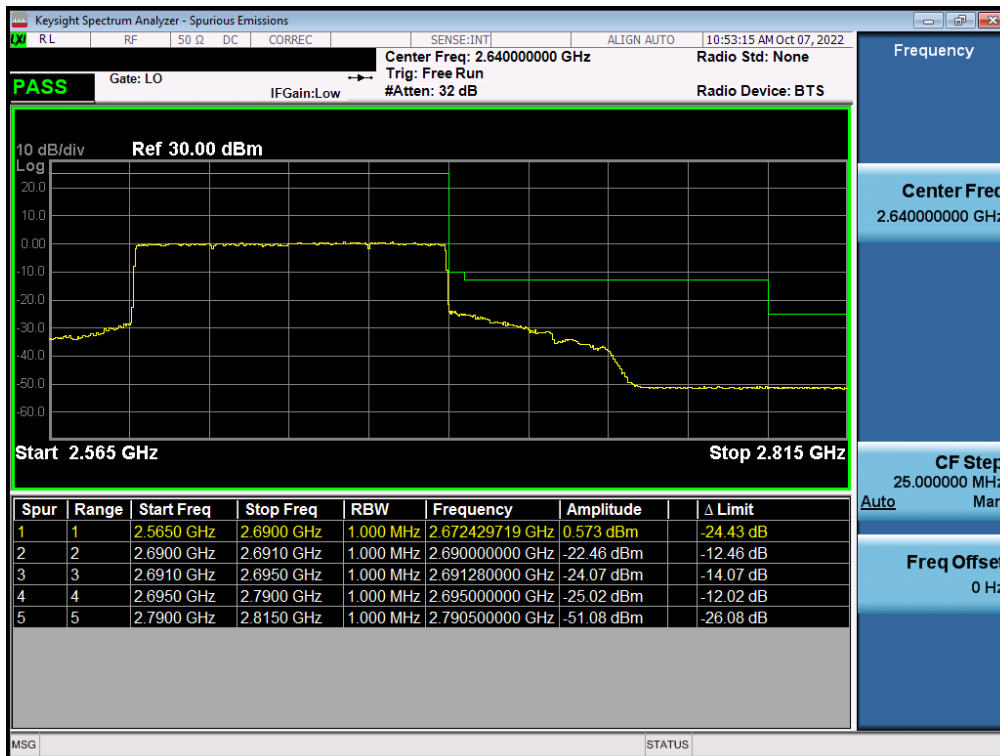
Plot 7-474. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 276 of 379

NR Band n41 (PC2) – Ant E



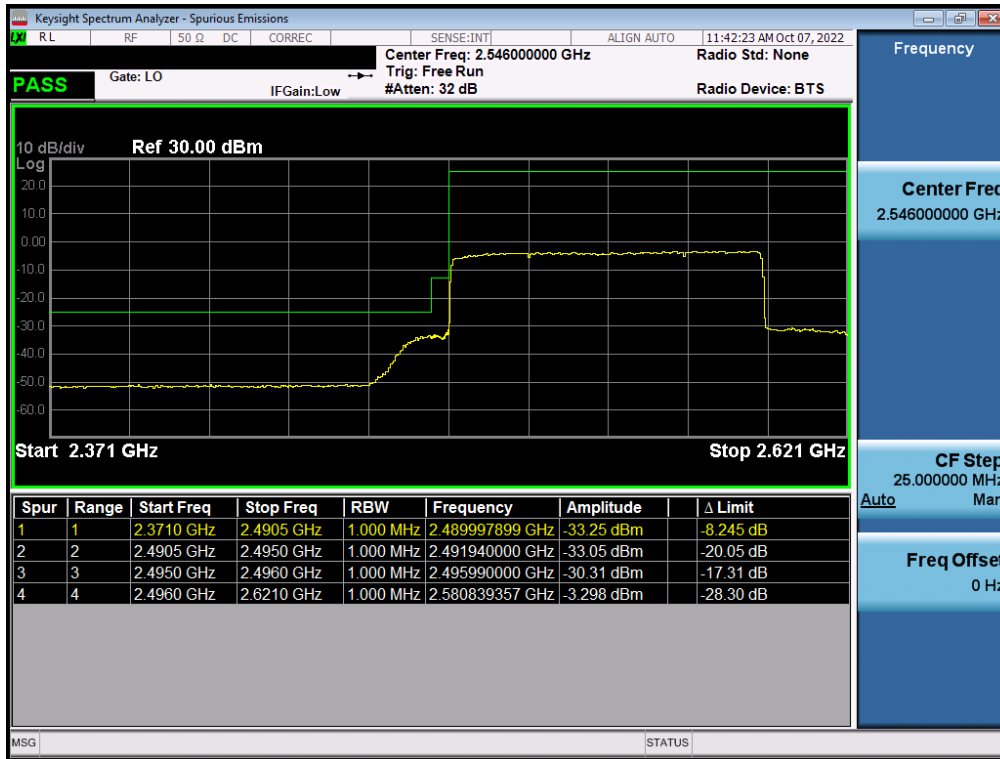
Plot 7-475. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant E)



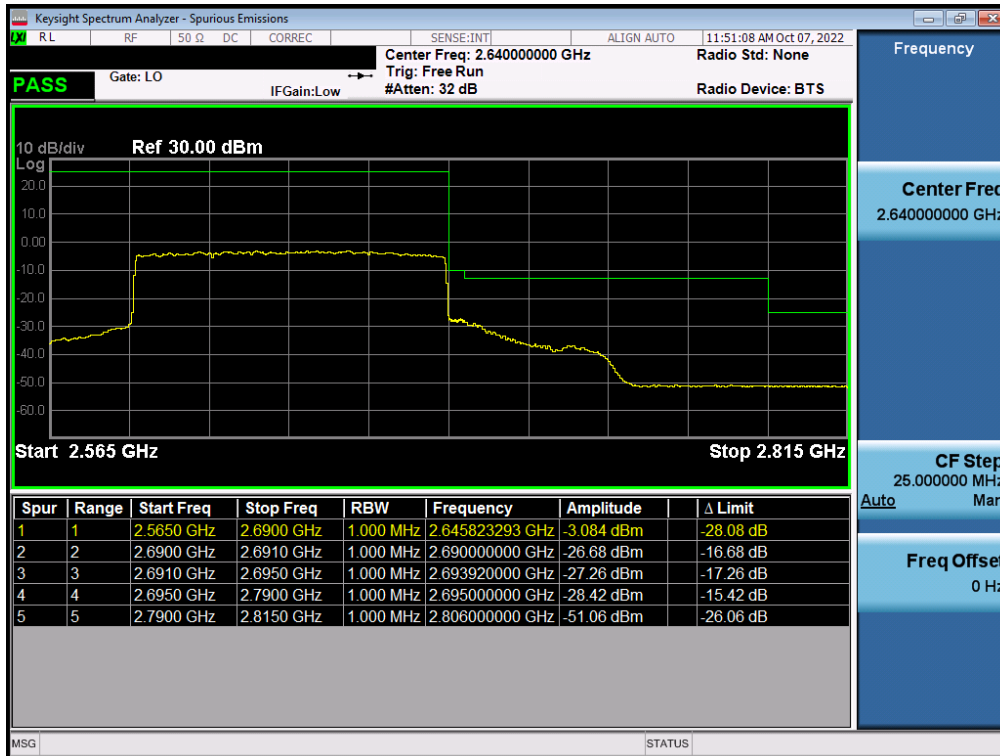
Plot 7-476. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant E)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 277 of 379

NR Band n41 (PC2) – Ant D



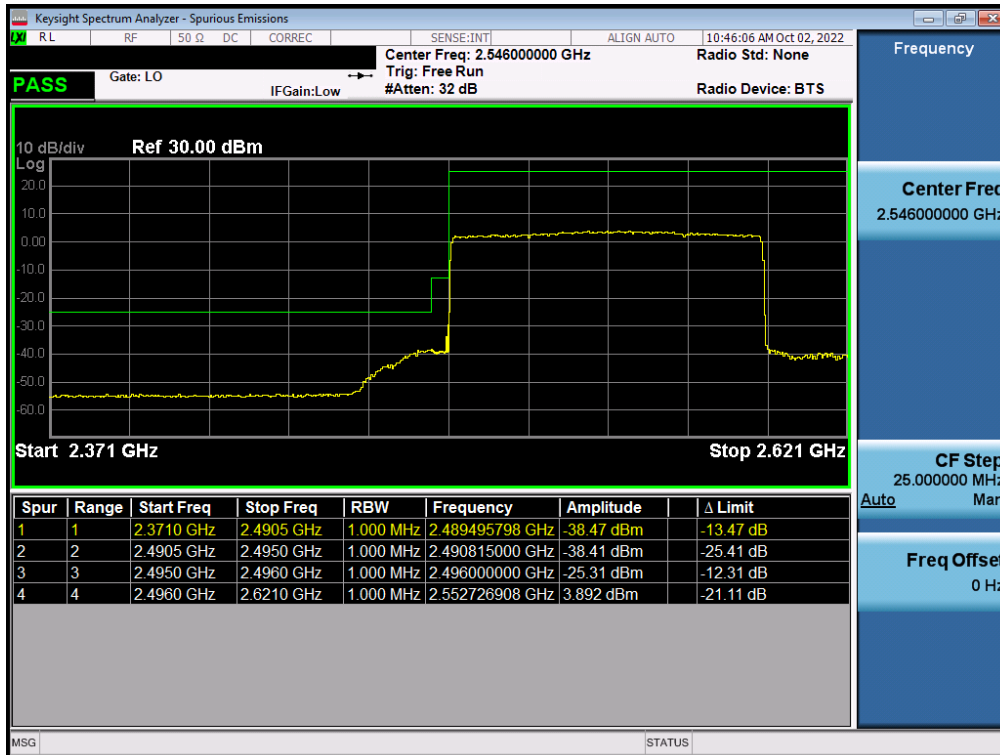
Plot 7-477. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant D)



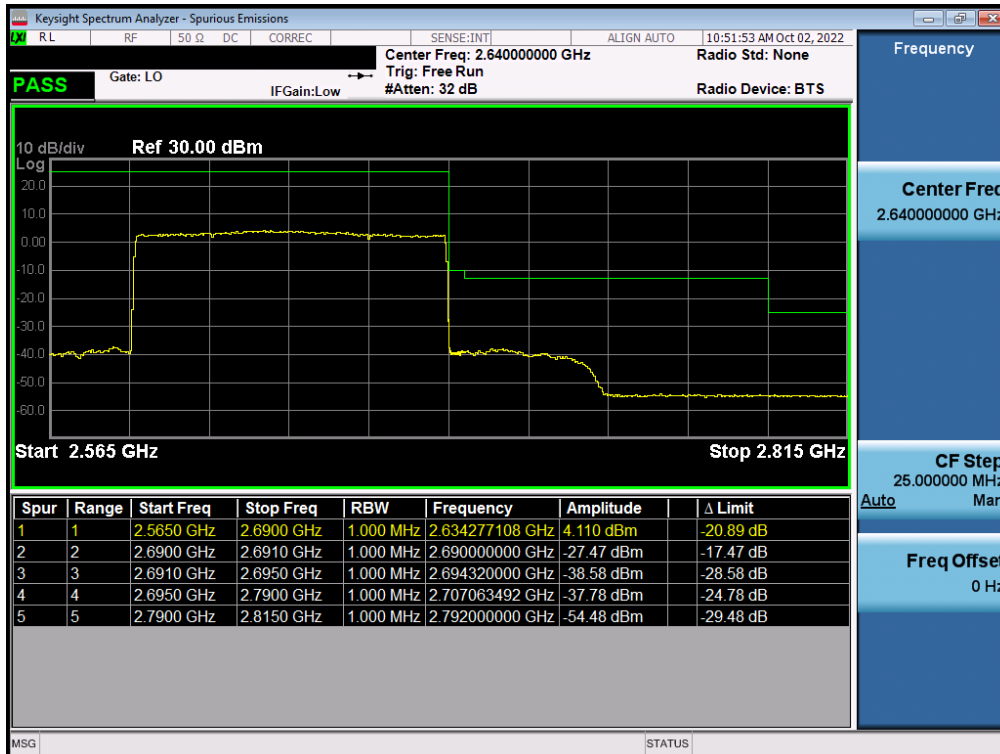
Plot 7-478. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Ant D)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 278 of 379

NR Band n41 (PC2) – Switching – Ant B

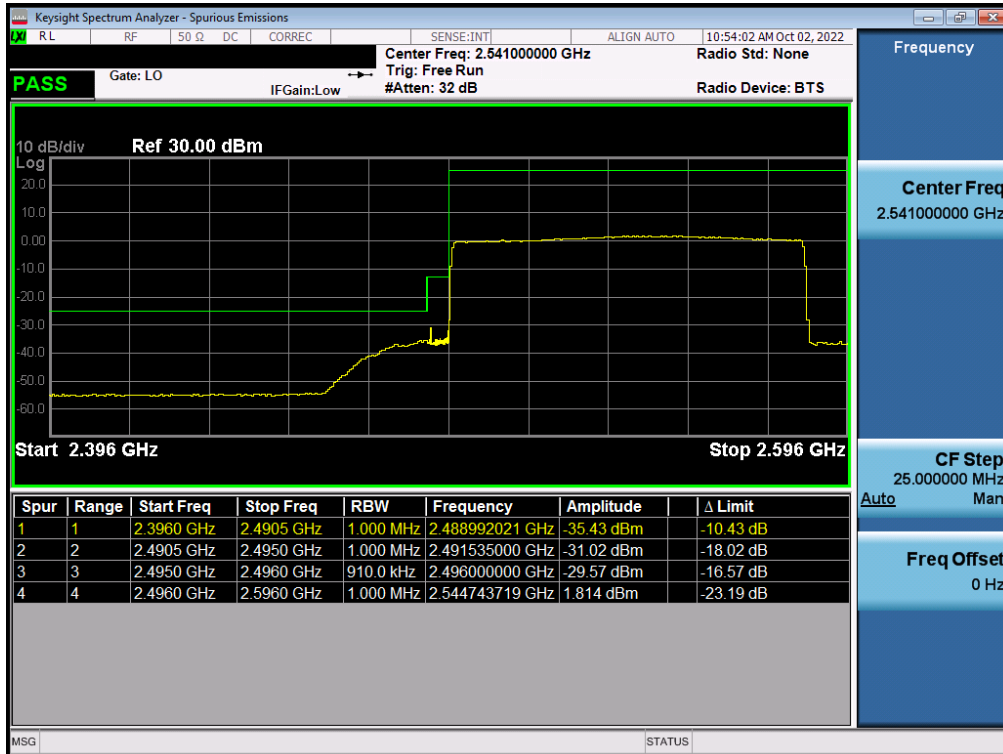


Plot 7-479. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

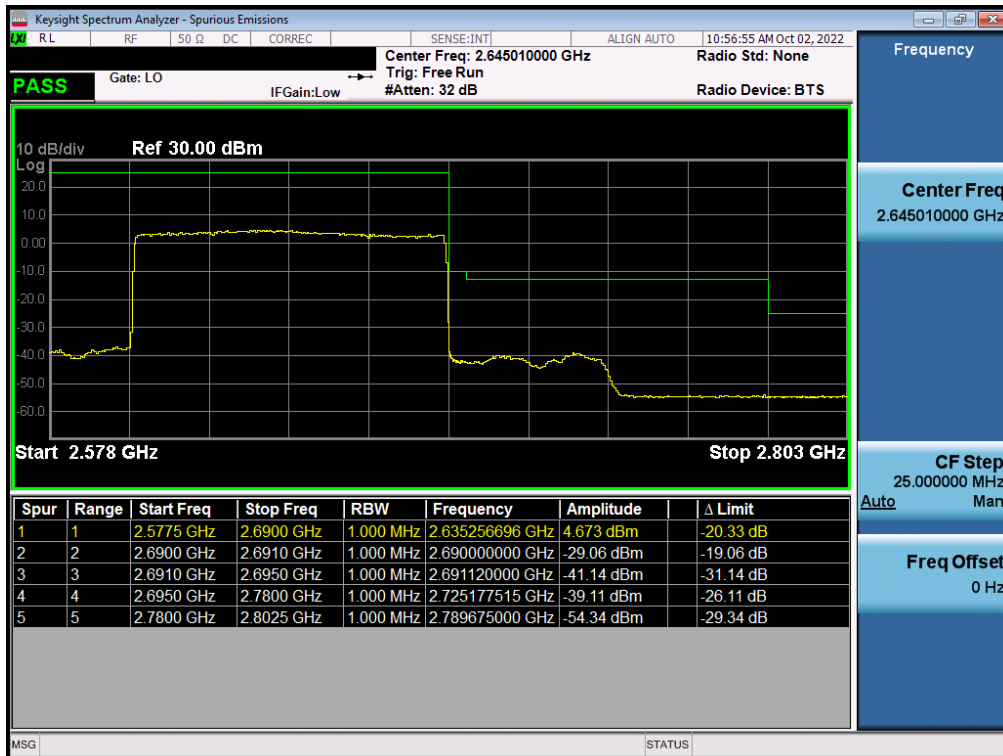


Plot 7-480. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 279 of 379

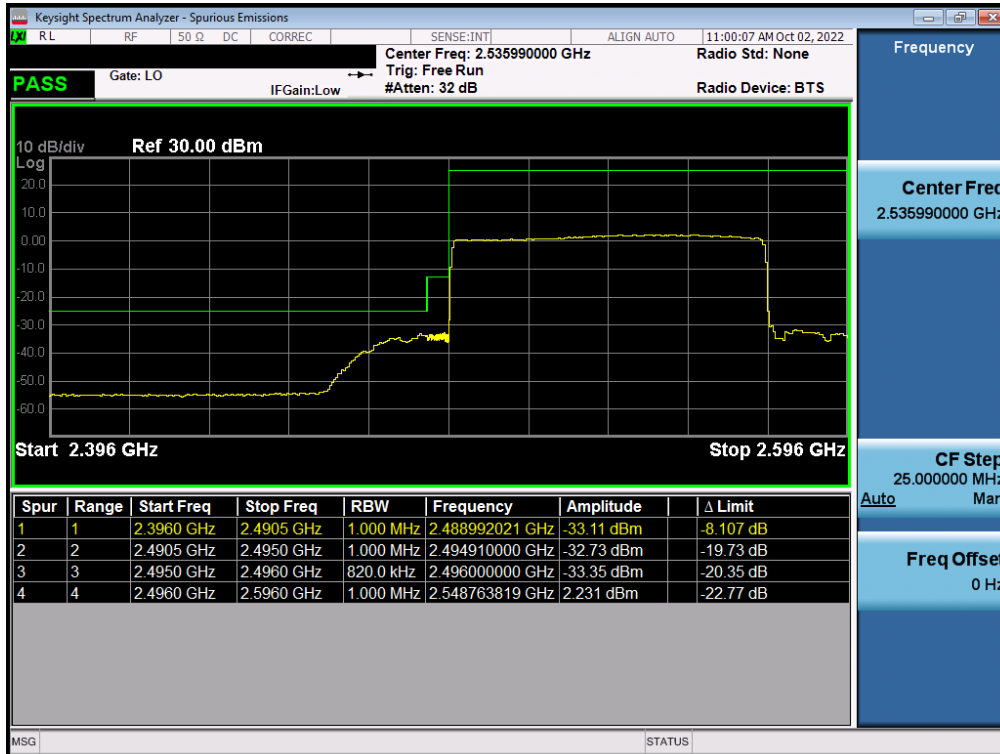


Plot 7-481. Lower ACP Plot (NR Band n41 (PC2) - 90MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

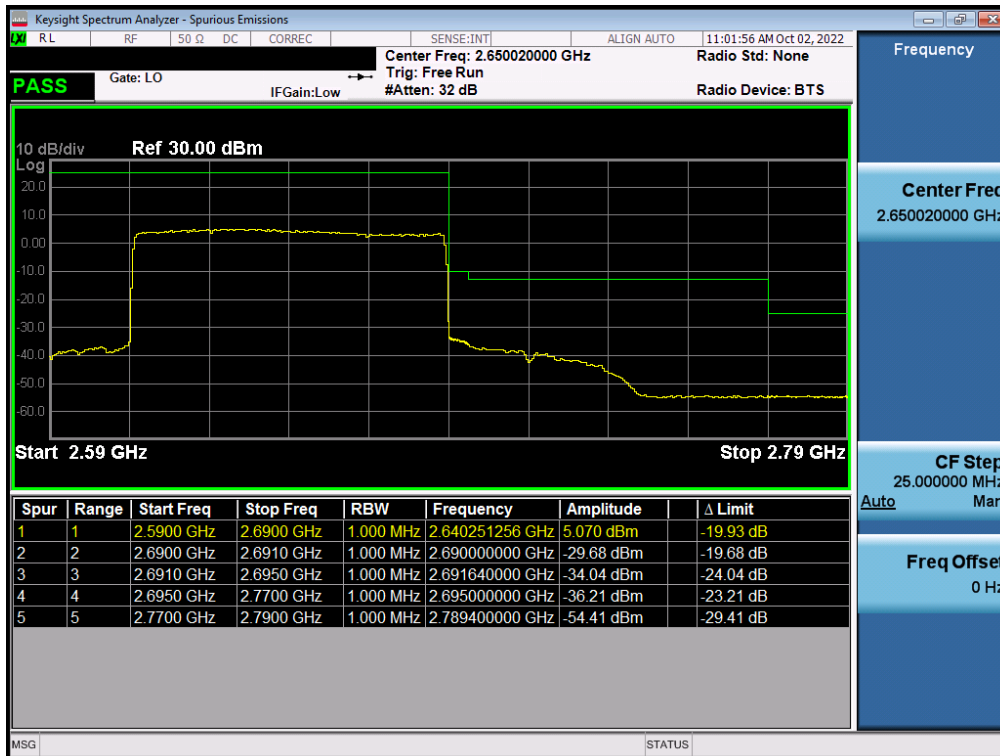


Plot 7-482. Upper ACP Plot (NR Band n41 (PC2) - 90MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 280 of 379

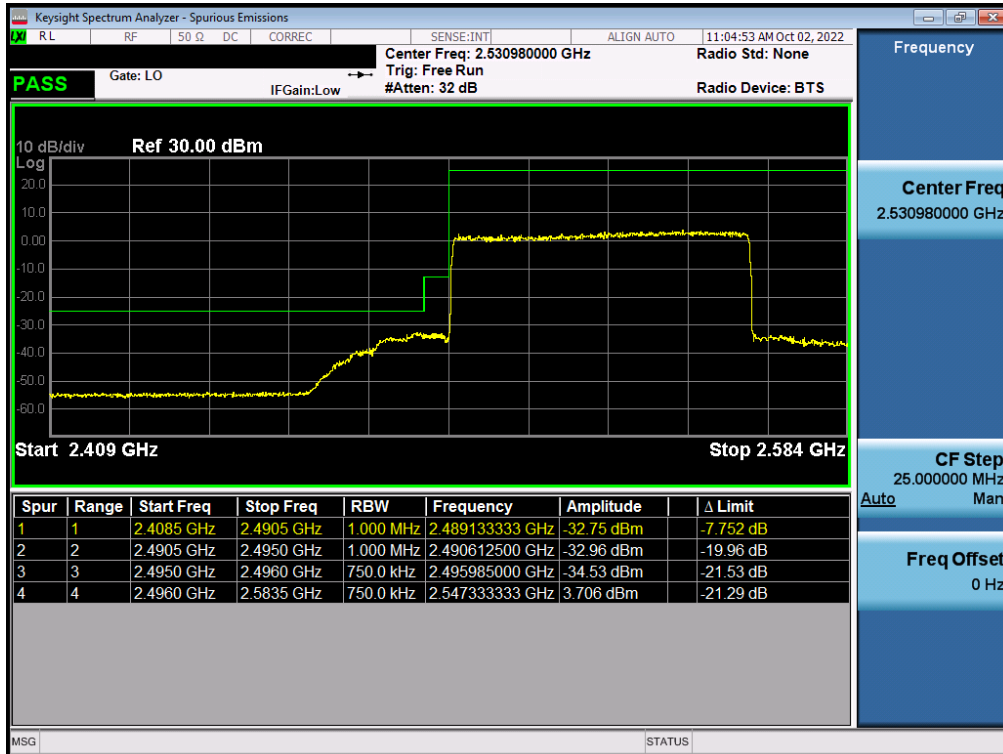


Plot 7-483. Lower ACP Plot (NR Band n41 (PC2) - 80MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

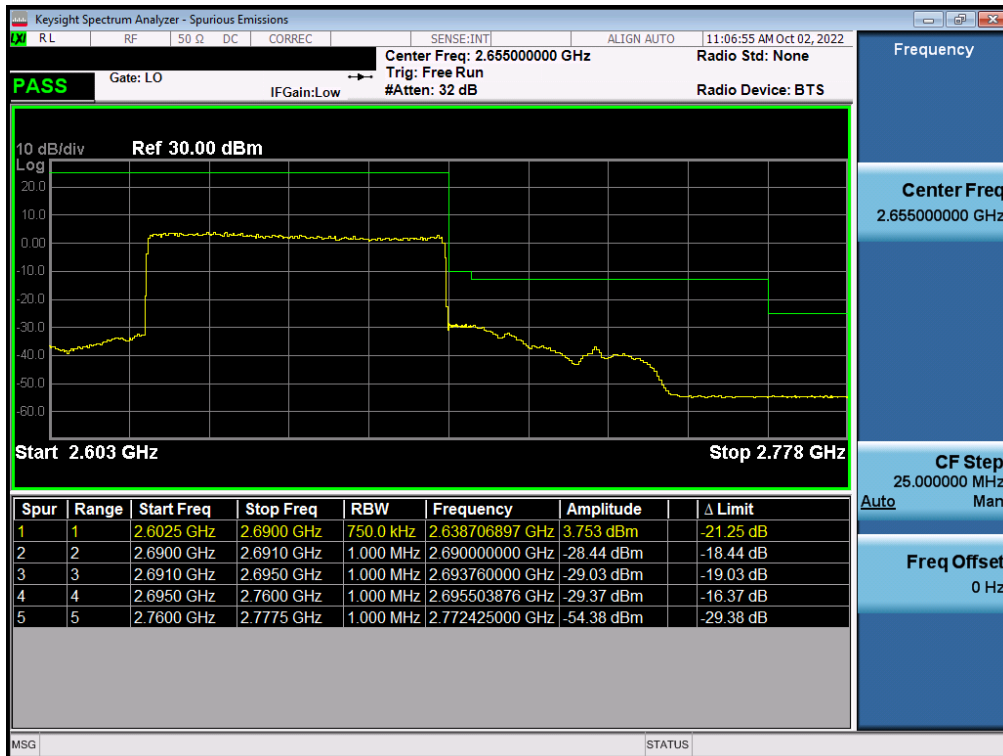


Plot 7-484. Upper ACP Plot (NR Band n41 (PC2) - 80MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 281 of 379

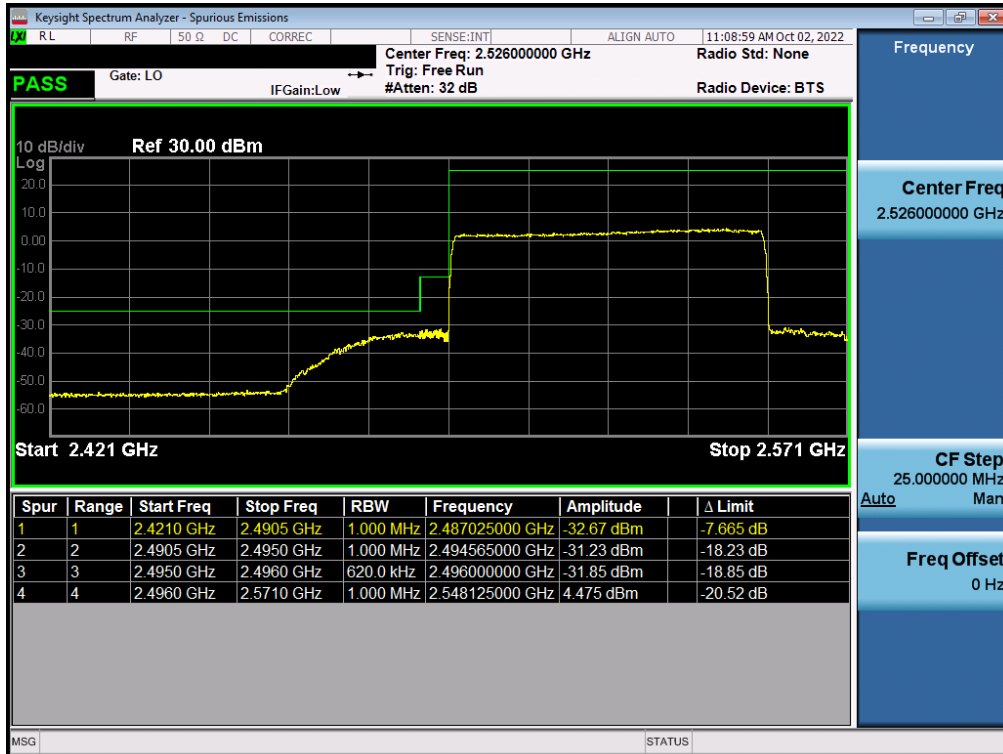


Plot 7-485. Lower ACP Plot (NR Band n41 (PC2) - 70MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

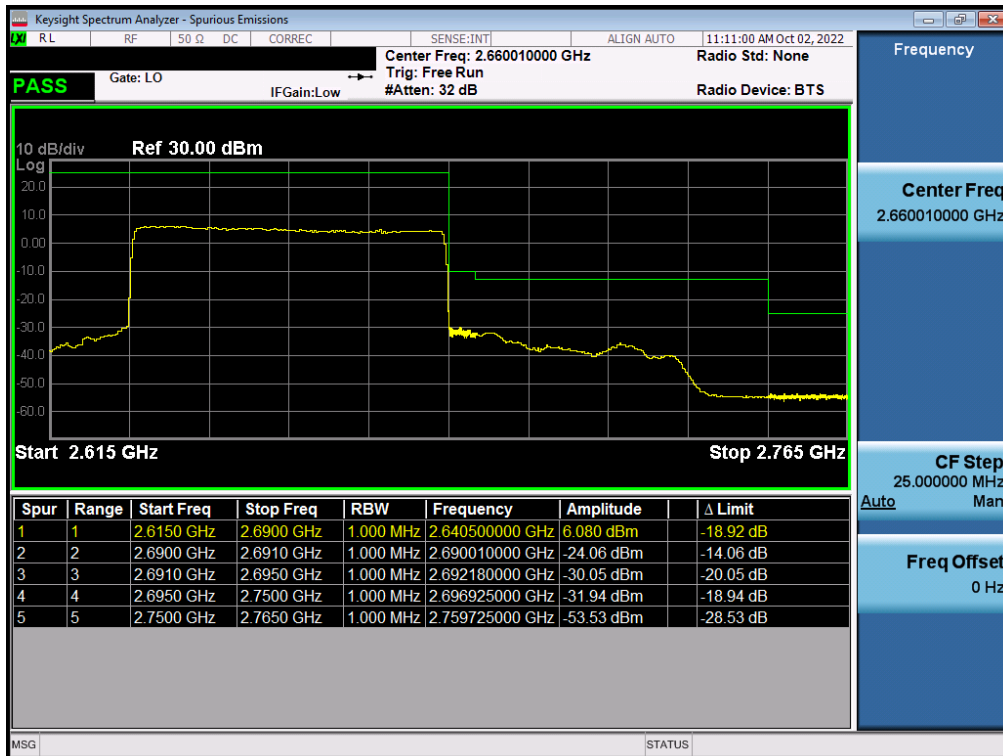


Plot 7-486. Upper ACP Plot (NR Band n41 (PC2) - 70MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 282 of 379

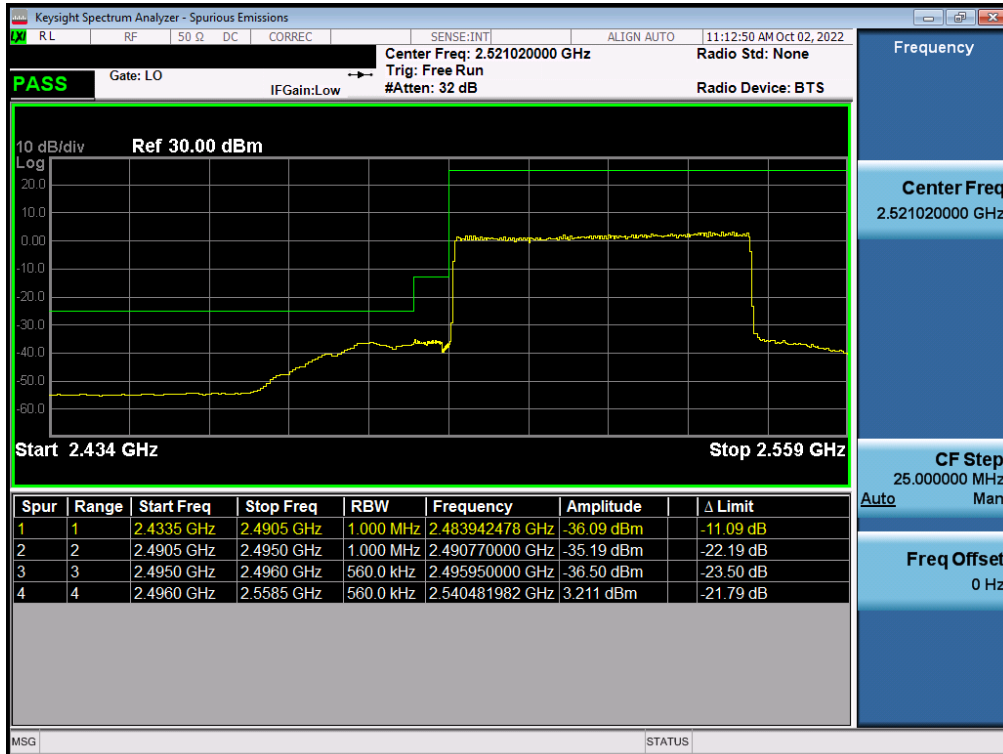


Plot 7-487. Lower ACP Plot (NR Band n41 (PC2) - 60MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

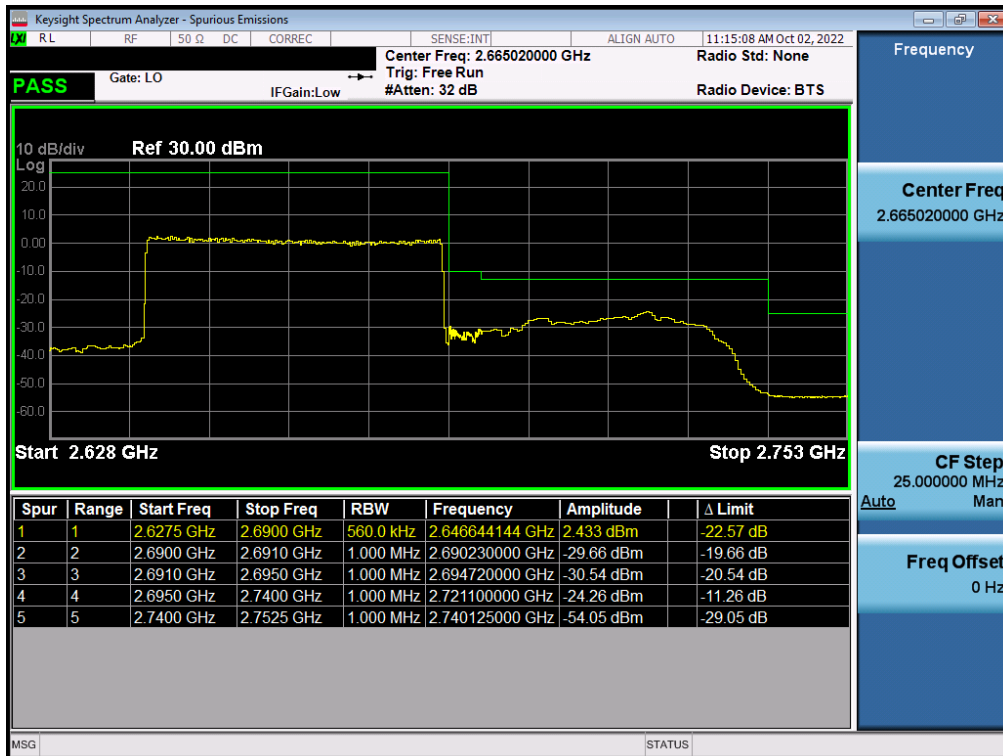


Plot 7-488. Upper ACP Plot (NR Band n41 (PC2) - 60MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 283 of 379

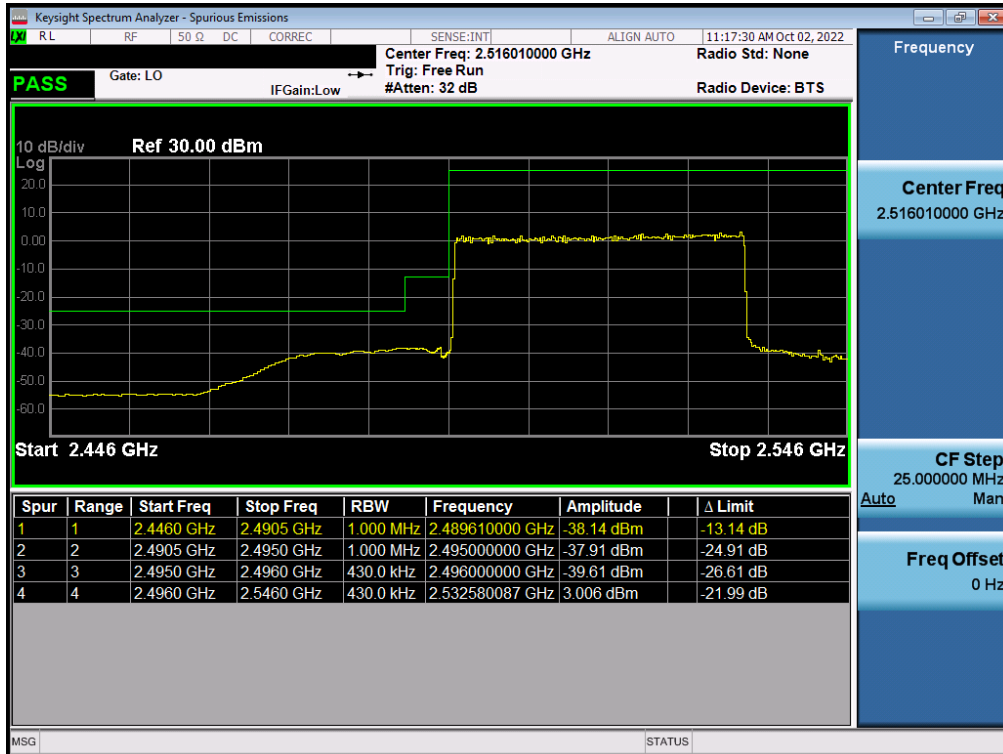


Plot 7-489. Lower ACP Plot (NR Band n41 (PC2) - 50MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

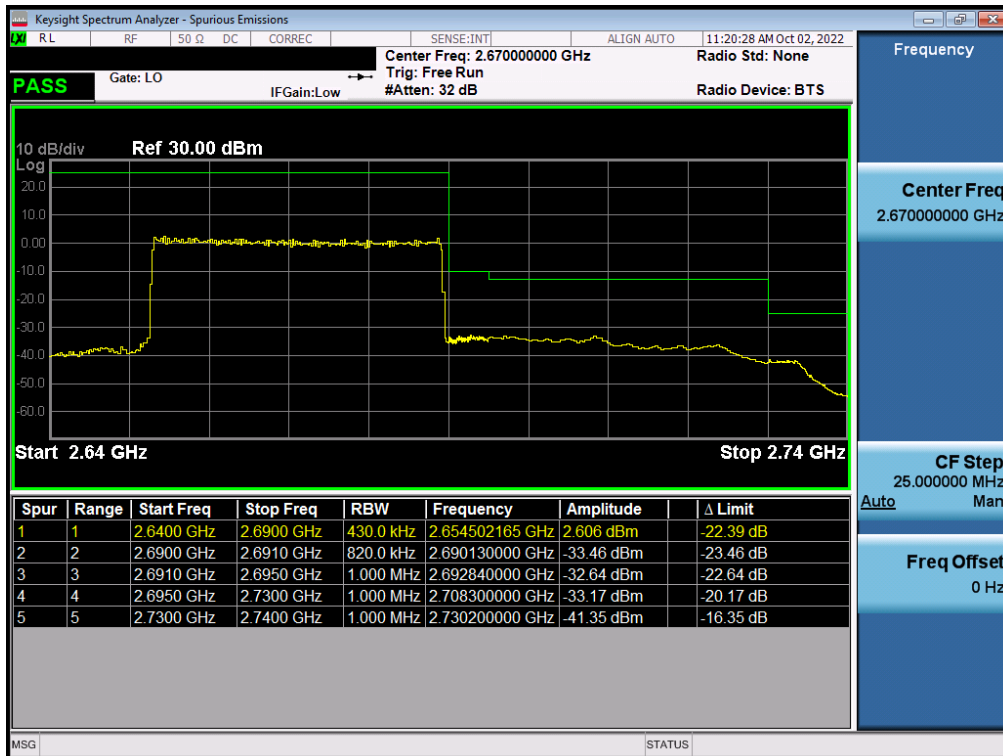


Plot 7-490. Upper ACP Plot (NR Band n41 (PC2) - 50MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 284 of 379

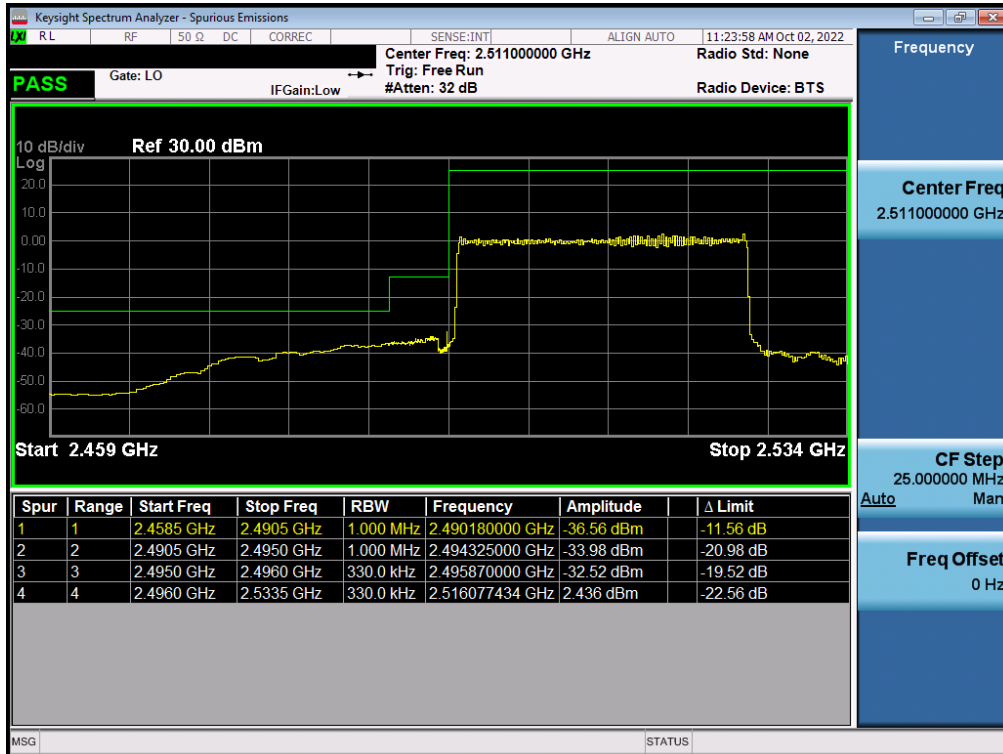


Plot 7-491. Lower ACP Plot (NR Band n41 (PC2) - 40MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

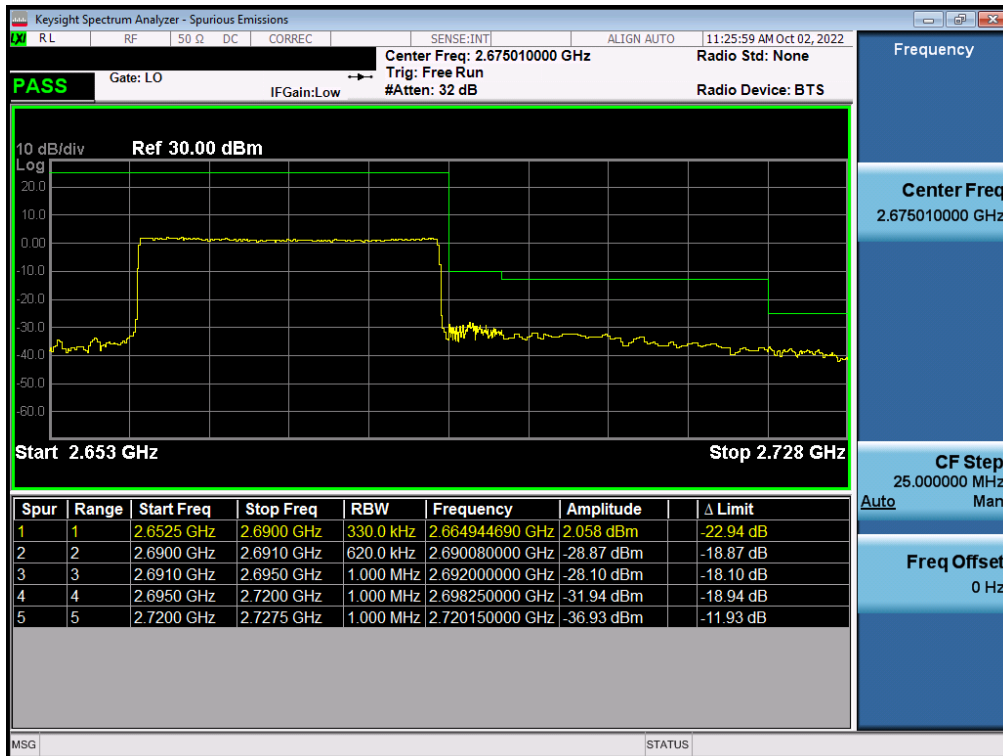


Plot 7-492. Upper ACP Plot (NR Band n41 (PC2) - 40MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 285 of 379

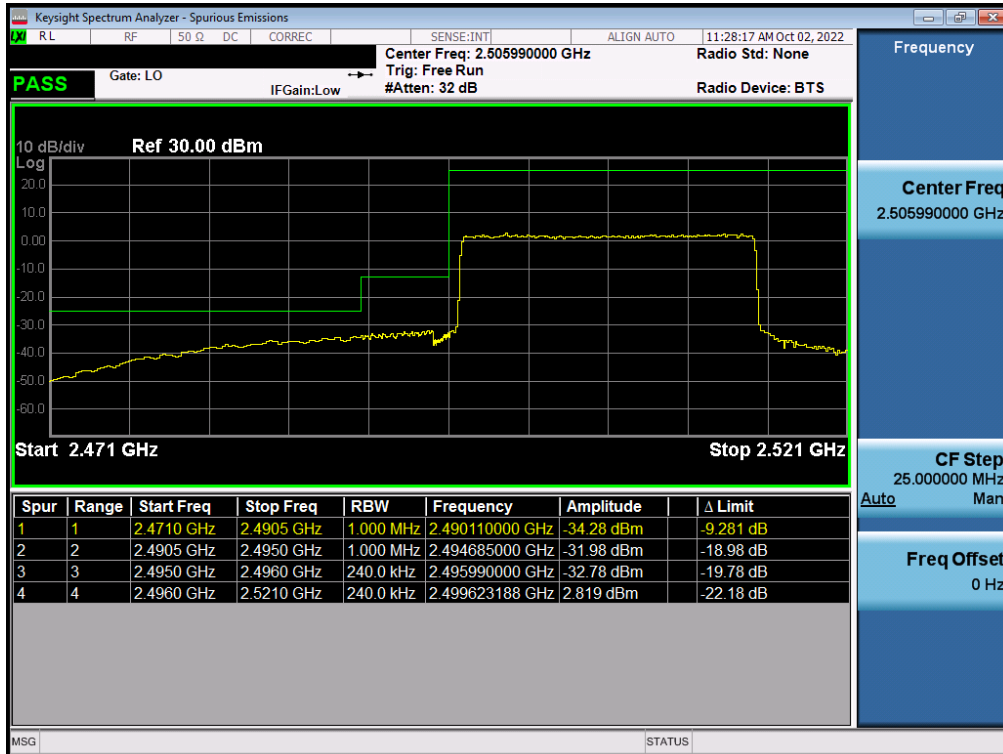


Plot 7-493. Lower ACP Plot (NR Band n41 (PC2) - 30MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

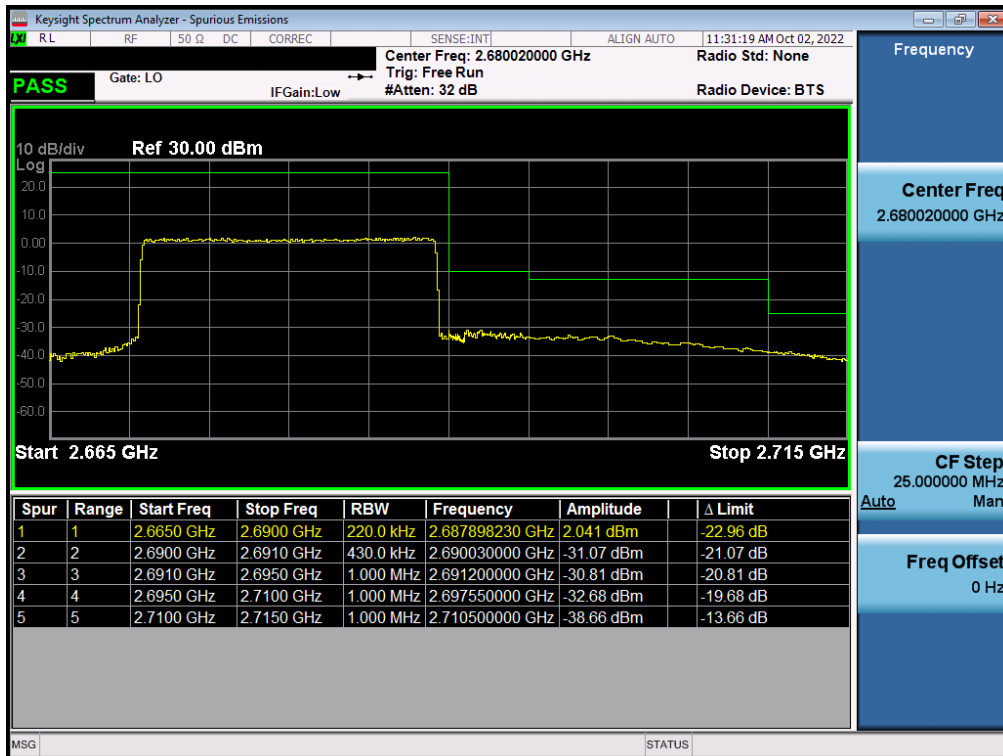


Plot 7-494. Upper ACP Plot (NR Band n41 (PC2) - 30MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 286 of 379

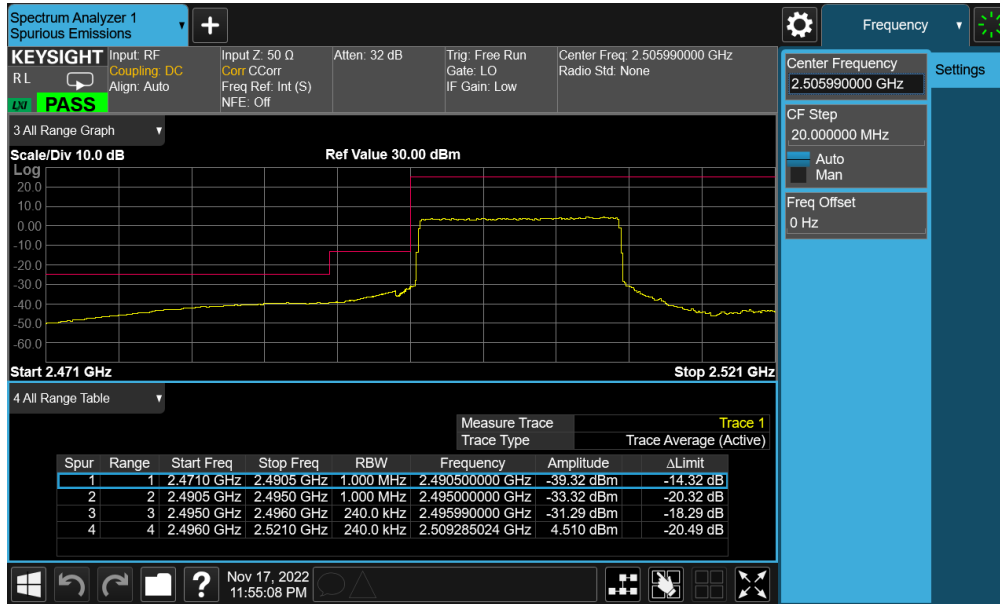


Plot 7-495. Lower ACP Plot (NR Band n41 (PC2) - 20MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

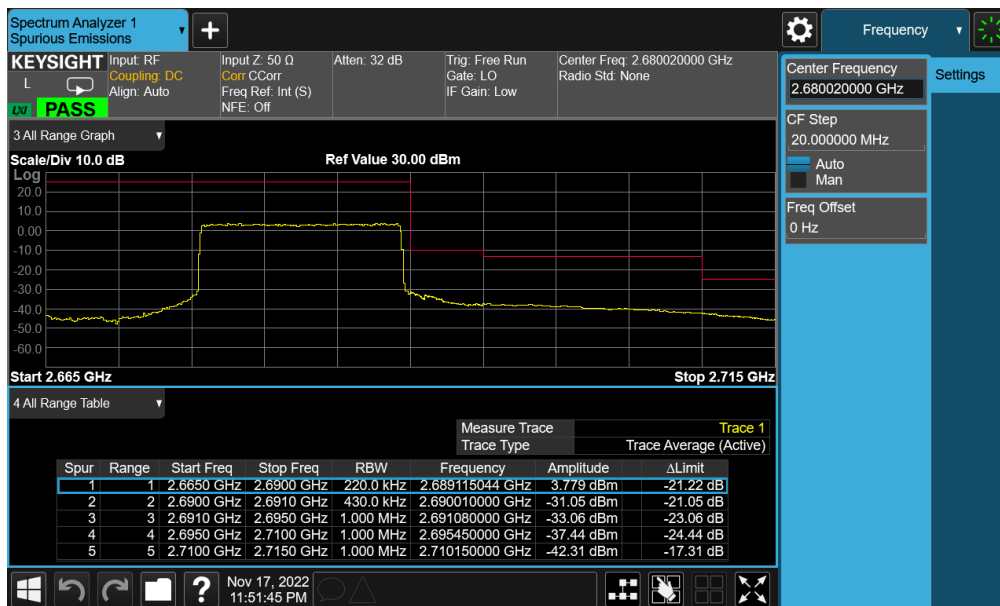


Plot 7-496. Upper ACP Plot (NR Band n41 (PC2) - 20MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 287 of 379

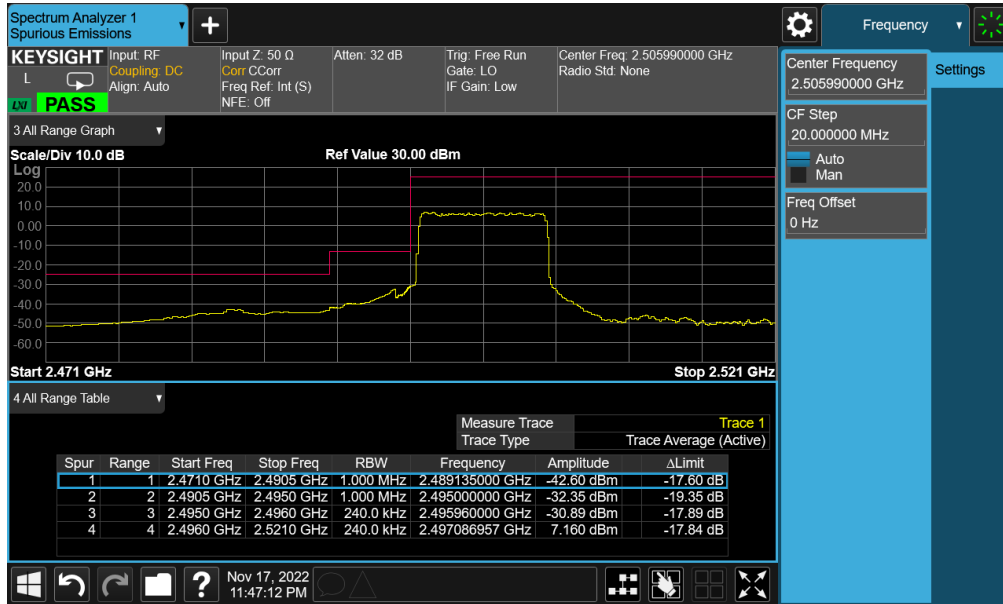


Plot 7-497. Lower ACP Plot (NR Band n41 (PC2) - 15MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

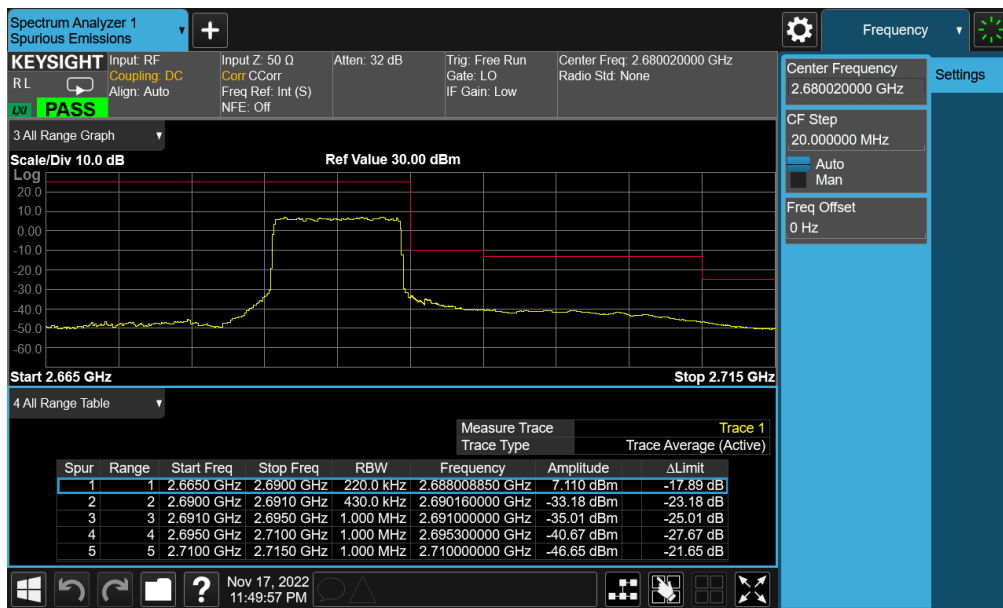


Plot 7-498. Upper ACP Plot (NR Band n41 (PC2) - 15MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 288 of 379



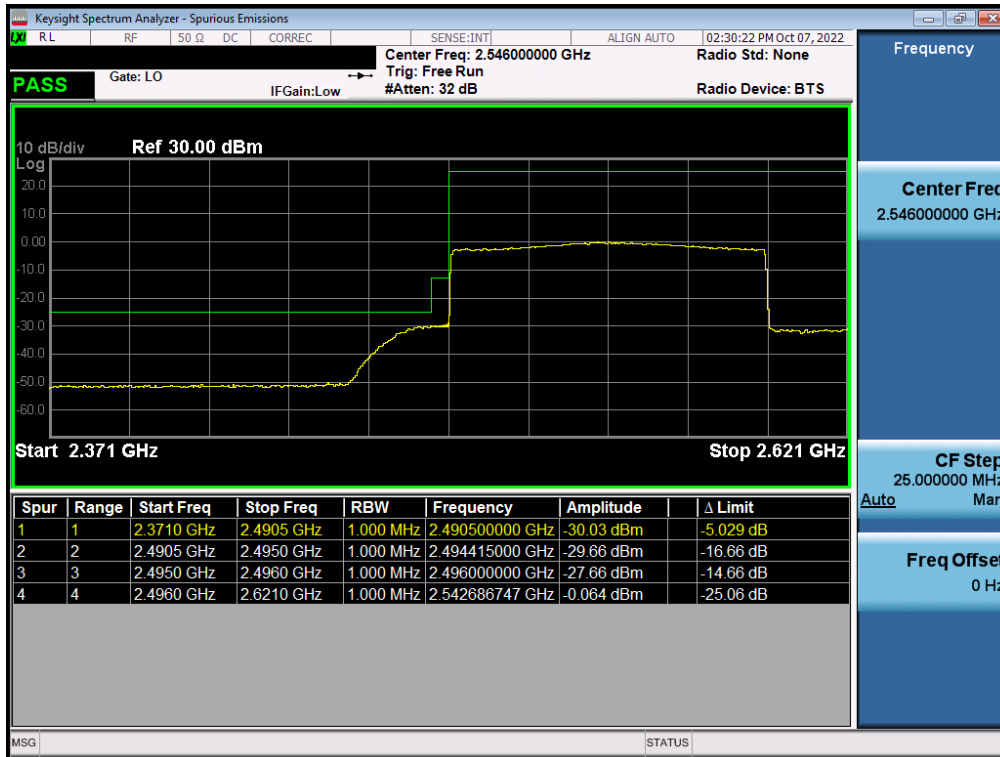
Plot 7-499. Lower ACP Plot (NR Band n41 (PC2) - 10MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)



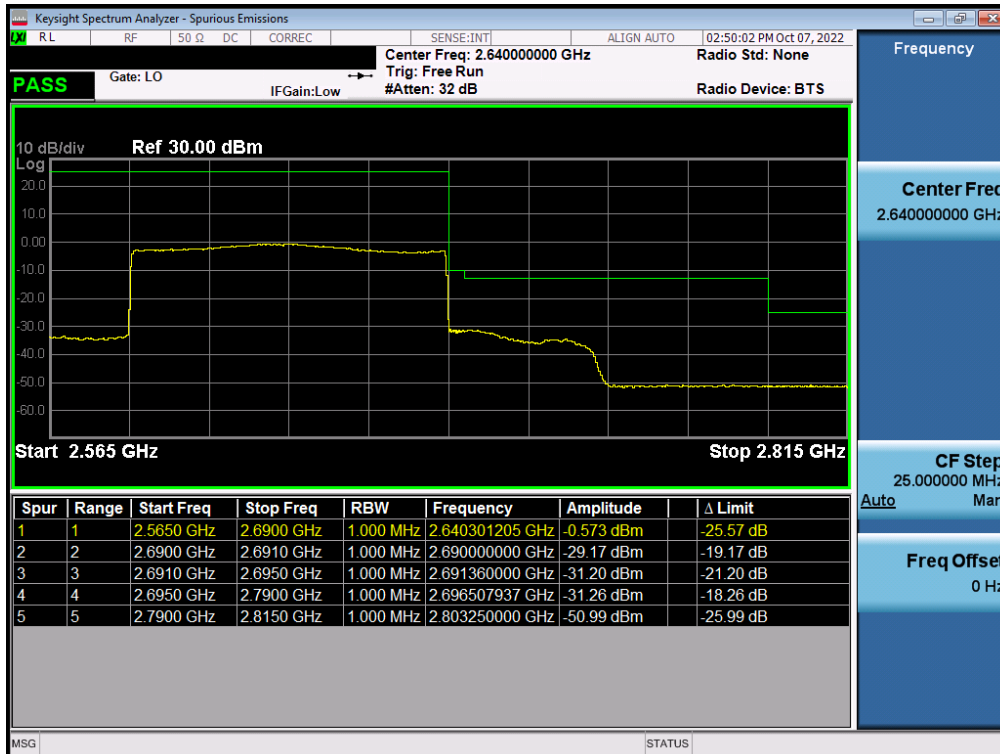
Plot 7-500. Upper ACP Plot (NR Band n41 (PC2) - 10MHz CP-OFDM-QPSK – Full RB - Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 289 of 379

NR Band n41 (PC2) – Switching Ant F



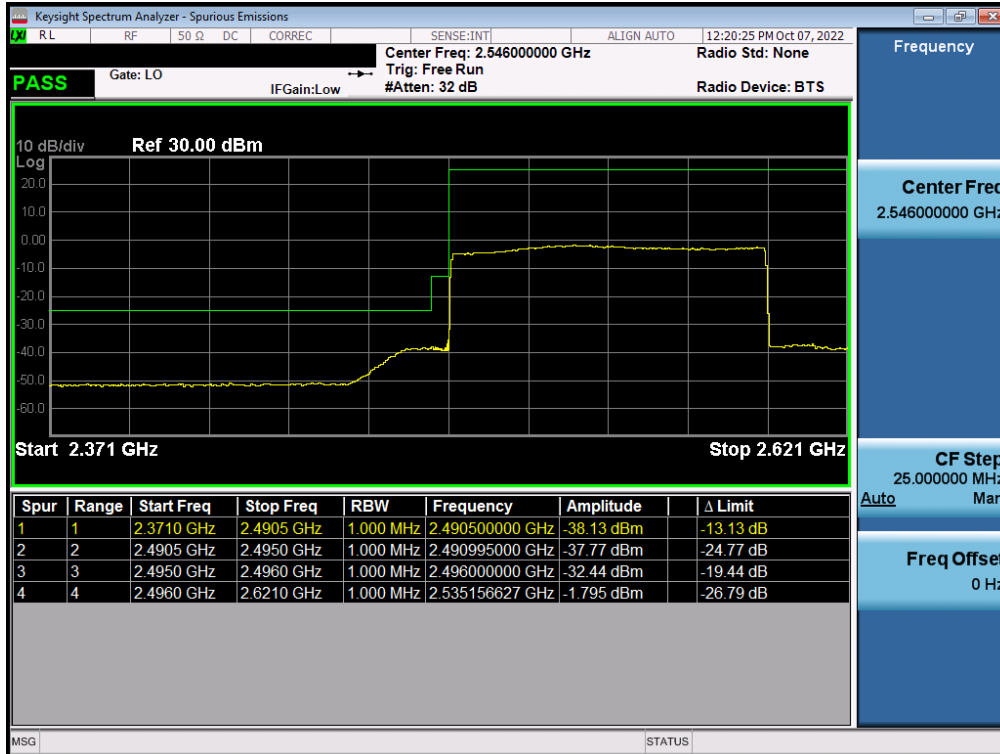
Plot 7-501. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant F)



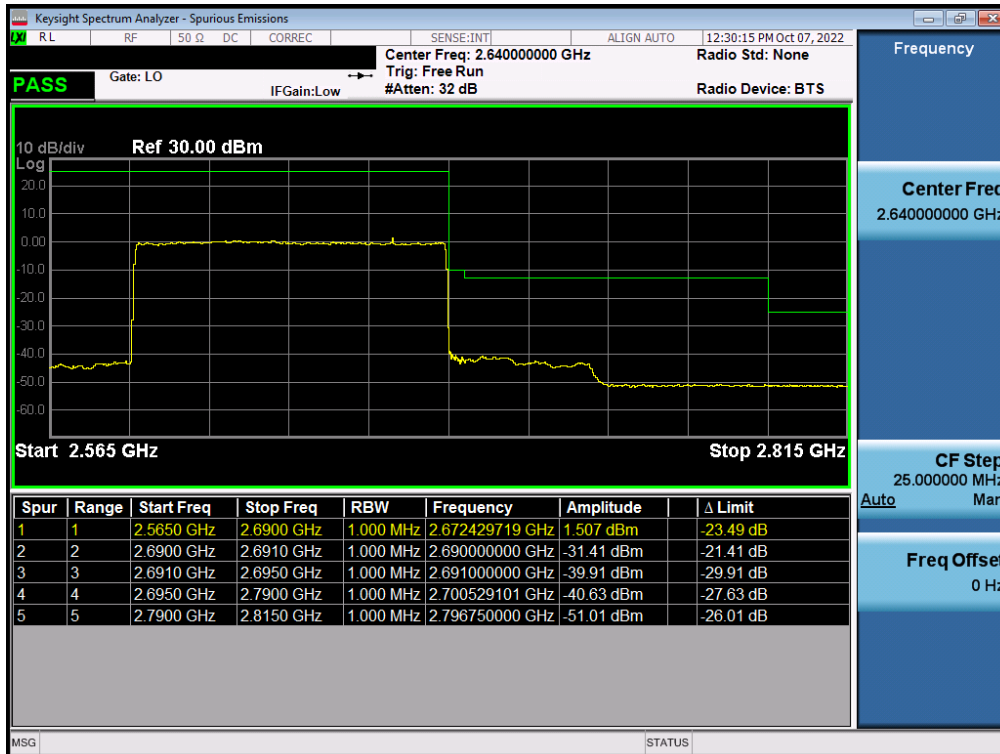
Plot 7-502. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 290 of 379

NR Band n41 (PC2) – Switching Ant D



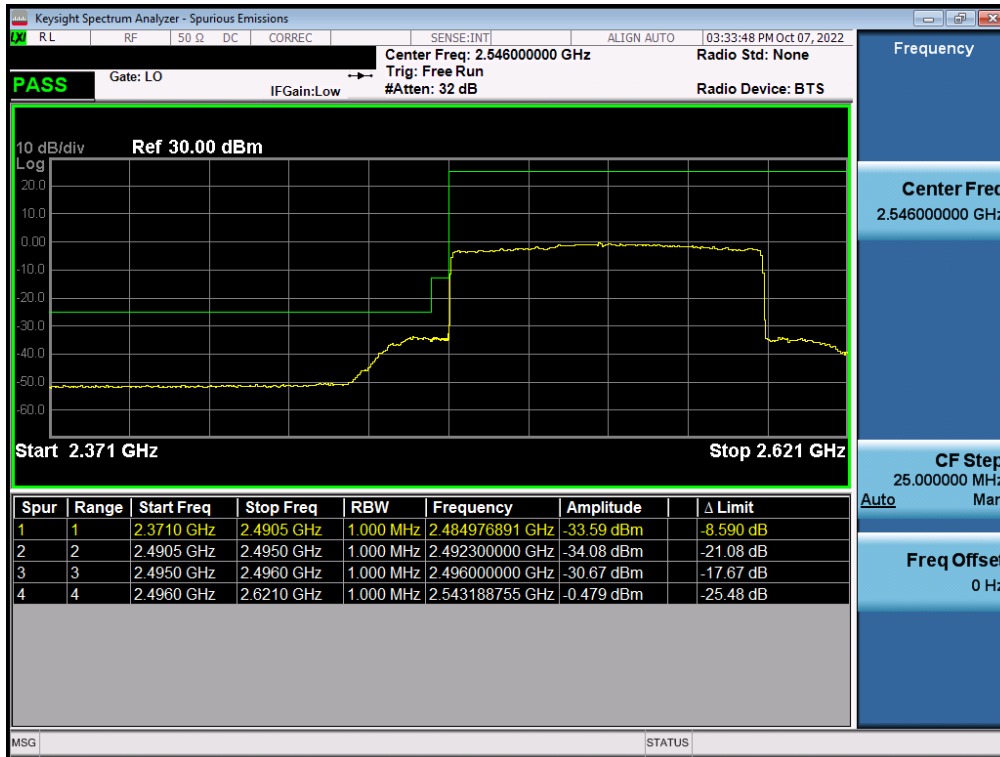
Plot 7-503. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant D)



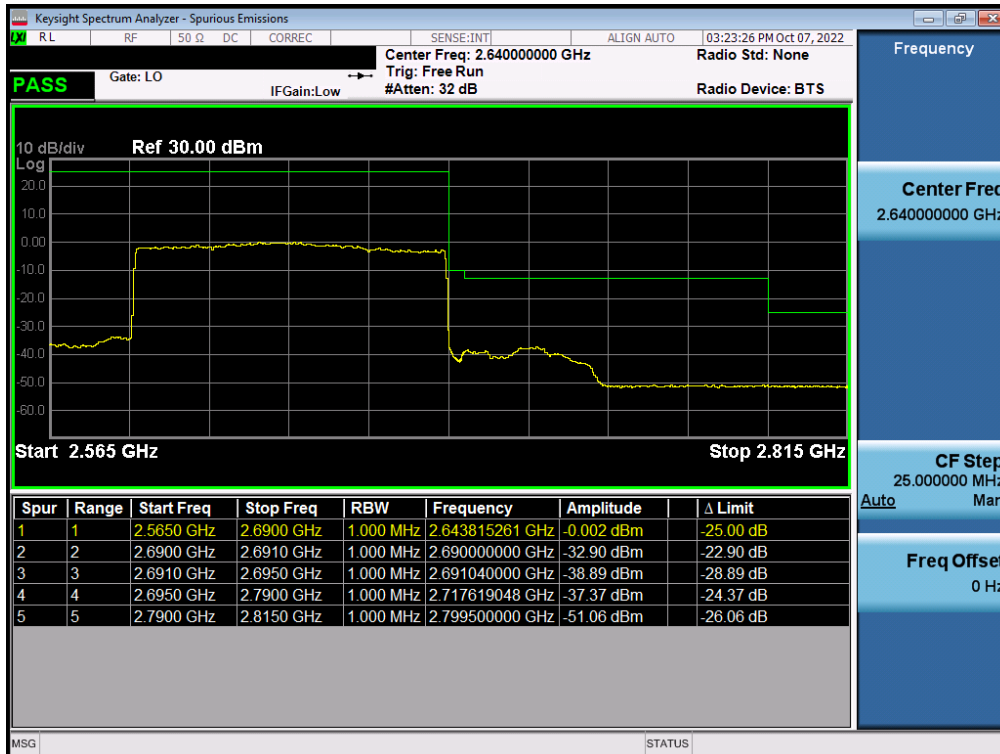
Plot 7-504. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant D)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 291 of 379

NR Band n41 (PC2) – Switching Ant E



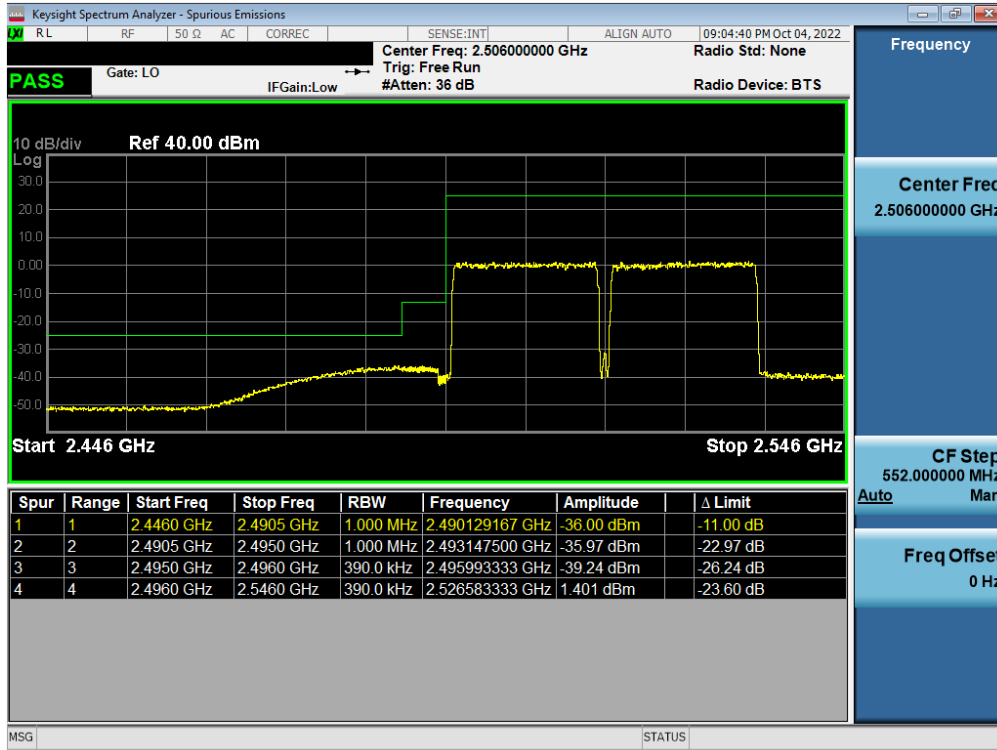
Plot 7-505. Lower ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant E)



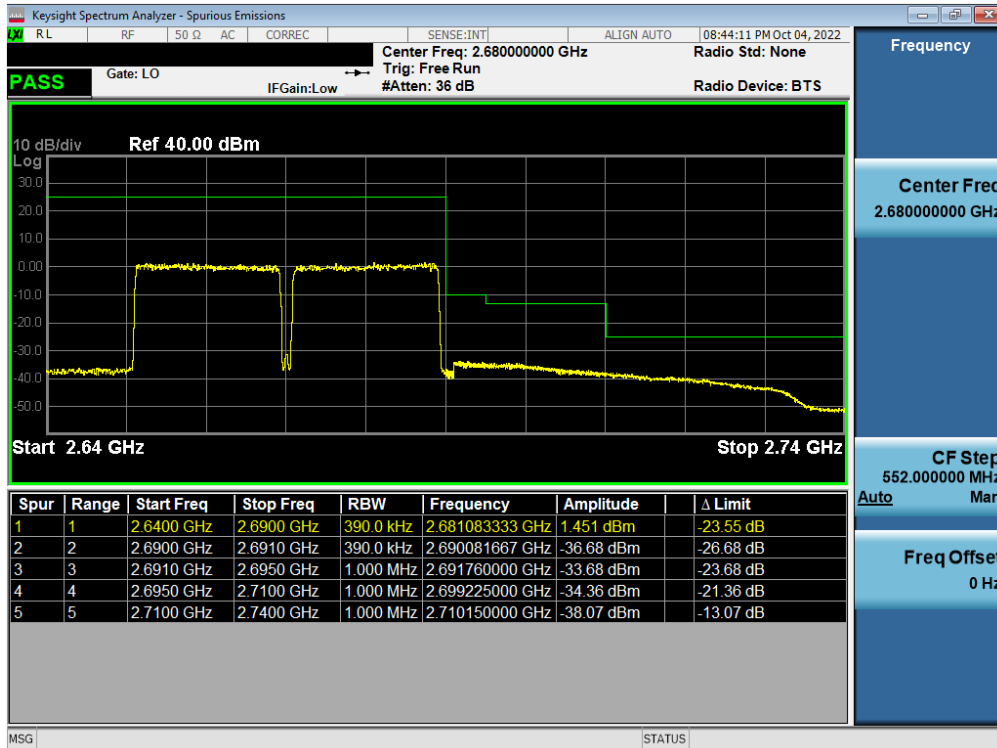
Plot 7-506. Upper ACP Plot (NR Band n41 (PC2) - 100MHz CP-OFDM-QPSK – Full RB - Switching - Ant E)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 292 of 379

ULCA - LTE Band 41 (PC2) – Ant B



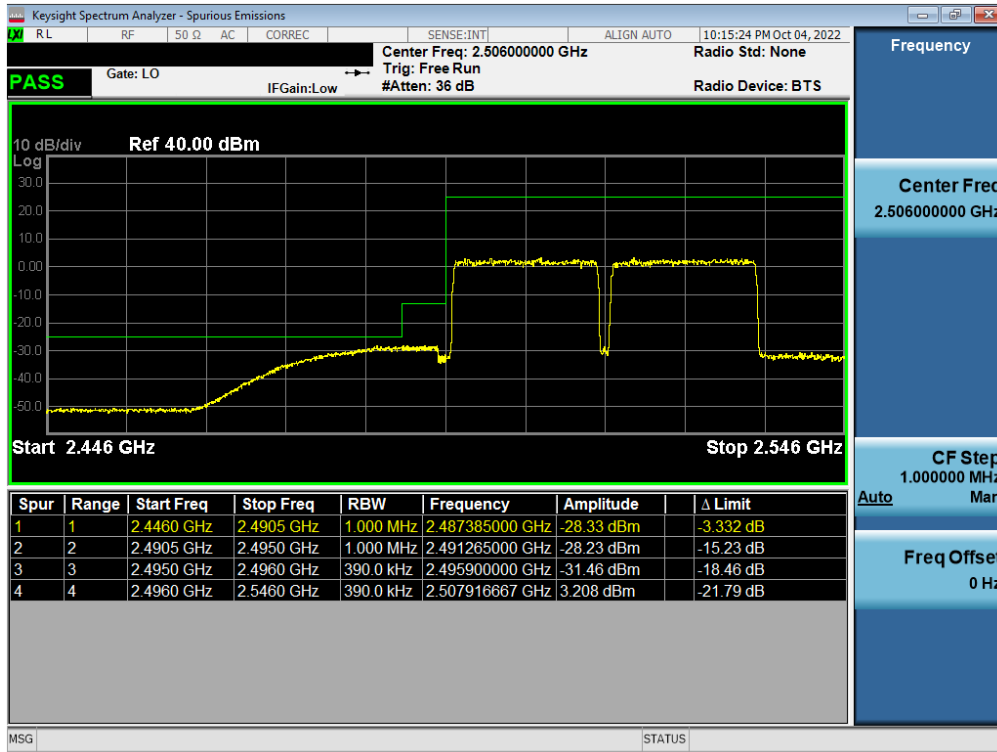
Plot 7-507. Lower ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB – Ant B)



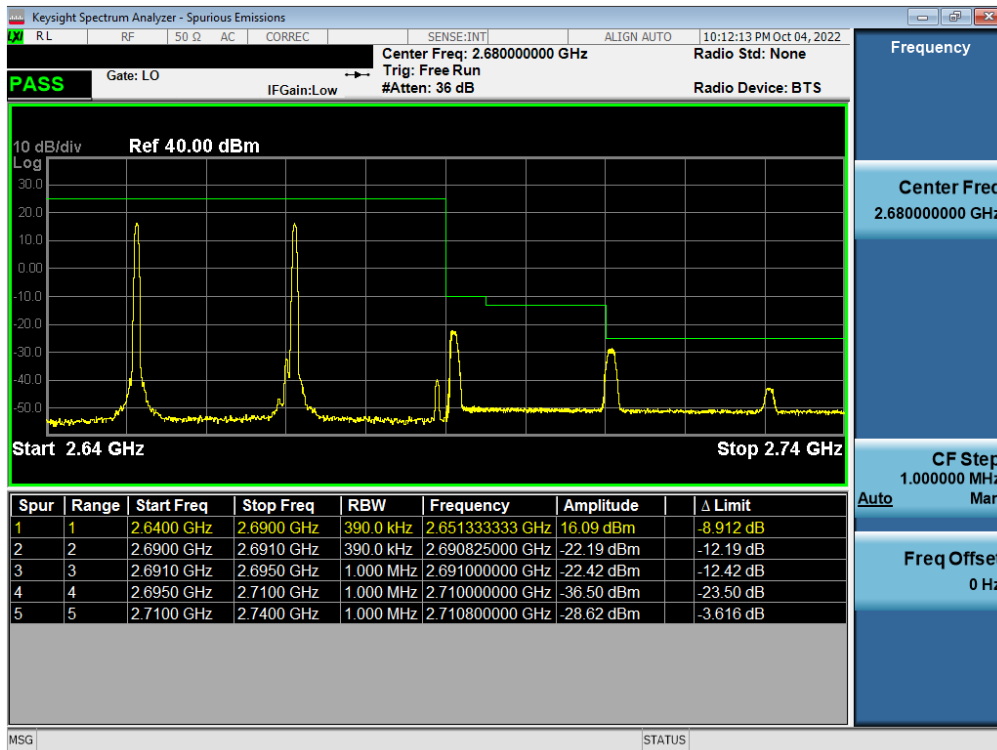
Plot 7-508. Upper ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 293 of 379

ULCA - LTE Band 41(PC2) – Ant F



Plot 7-509. Lower ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB - Ant F)



Plot 7-510. Upper ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – 1 RB - Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 294 of 379



7.6 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 x RBW
4. Span = 1.5 times the OBW
5. No. of sweep points \geq 2 x 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: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 295 of 379

V11.0 9/14/2022

Test Setup

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

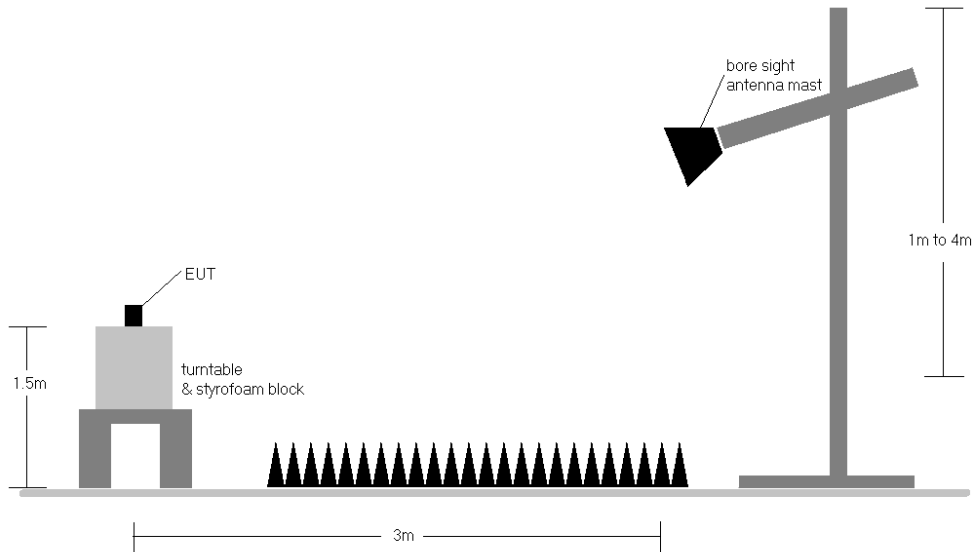


Figure 7-5. Radiated Test Setup >1GHz

Test Notes

- 1) 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.
- 2) This unit was tested with its standard battery.
- 3) 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: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 296 of 379



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]
10 MHz	QPSK	2310.0	H	134	192	10.55	1 / 0	11.56	22.11	0.162	23.98	-1.87
	16-QAM	2310.0	H	134	192	10.55	1 / 0	10.80	21.35	0.136	23.98	-2.63
5 MHz	QPSK	2307.5	H	134	192	10.52	1 / 24	11.60	22.12	0.163	23.98	-1.86
	QPSK	2310.0	H	134	192	10.55	1 / 12	11.64	22.18	0.165	23.98	-1.80
	QPSK	2312.5	H	134	192	10.56	1 / 24	11.63	22.19	0.166	23.98	-1.78
	16-QAM	2312.5	H	134	192	10.56	1 / 24	11.09	21.65	0.146	23.98	-2.33
10 MHz	Opposite Pol.	2310.0	V	155	248	10.55	1 / 0	10.88	21.43	0.139	23.98	-2.55
	WCP	2310.0	H	140	197	10.55	1 / 25	10.05	20.60	0.115	23.98	-3.38

Table 7-20. EIRP Data (LTE Band 30 – Ant A)

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]
10 MHz	QPSK	2310.0	H	231	342	10.55	1 / 0	10.23	20.78	0.120	23.98	-3.20
	16-QAM	2310.0	H	231	342	10.55	1 / 0	9.36	19.91	0.098	23.98	-4.07
5 MHz	QPSK	2307.5	H	231	342	10.52	1 / 12	10.84	21.36	0.137	23.98	-2.62
	QPSK	2310.0	H	231	342	10.55	1 / 12	11.10	21.64	0.146	23.98	-2.34
	QPSK	2312.5	H	231	342	10.56	1 / 24	11.06	21.62	0.145	23.98	-2.36
	16-QAM	2312.5	H	231	342	10.56	1 / 24	10.07	20.63	0.116	23.98	-3.35
10 MHz	Opposite Pol.	2310.0	V	156	42	10.37	1 / 0	10.18	20.55	0.114	23.98	-3.43
	WCP	2310.0	H	349	344	10.55	1 / 0	9.72	20.27	0.106	23.98	-3.71

Table 7-21. EIRP Data (LTE Band 30 – Ant F)

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	2510.0	H	147	231	9.51	1 / 50	14.33	23.84	0.242	33.01	-9.17
	QPSK	2535.0	H	135	227	9.40	1 / 99	14.26	23.66	0.232	33.01	-9.35
	QPSK	2560.0	H	140	233	9.43	1 / 50	14.42	23.85	0.243	33.01	-9.16
	16-QAM	2560.0	H	140	233	9.43	1 / 50	13.76	23.19	0.208	33.01	-9.82
15 MHz	QPSK	2507.5	H	147	231	9.50	1 / 37	14.27	23.78	0.239	33.01	-9.24
	QPSK	2535.0	H	135	227	9.40	1 / 37	14.27	23.67	0.233	33.01	-9.34
	QPSK	2562.5	H	140	233	9.43	1 / 37	14.48	23.90	0.246	33.01	-9.11
	16-QAM	2507.5	H	147	231	9.50	1 / 37	13.64	23.14	0.206	33.01	-9.87
10 MHz	QPSK	2505.0	H	147	231	9.50	1 / 25	14.30	23.80	0.240	33.01	-9.21
	QPSK	2535.0	H	135	227	9.40	1 / 25	14.31	23.71	0.235	33.01	-9.30
	QPSK	2565.0	H	140	233	9.42	1 / 25	14.48	23.90	0.245	33.01	-9.11
	16-QAM	2565.0	H	140	233	9.42	1 / 25	13.81	23.23	0.210	33.01	-9.78
5 MHz	QPSK	2502.5	H	147	231	9.49	1 / 24	14.33	23.82	0.241	33.01	-9.19
	QPSK	2535.0	H	135	227	9.40	1 / 12	14.32	23.73	0.236	33.01	-9.28
	QPSK	2567.5	H	140	233	9.42	1 / 24	14.44	23.85	0.243	33.01	-9.16
	16-QAM	2567.5	H	140	233	9.42	1 / 24	13.63	23.04	0.202	33.01	-9.97
20 MHz	Opposite Pol.	2560.0	V	102	111	9.49	1 / 0	13.75	23.24	0.211	33.01	-9.77
	WCP	2560.0	H	137	230	9.40	1 / 0	12.84	22.24	0.168	33.01	-10.77

Table 7-22. EIRP Data (LTE Band 7 – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 297 of 379

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	2510.0	V	130	41	9.54	1 / 99	12.39	21.93	0.156	33.01	-11.08
	QPSK	2535.0	V	228	37	9.49	1 / 50	12.84	22.33	0.171	33.01	-10.68
	QPSK	2560.0	V	156	39	9.40	1 / 50	12.57	21.97	0.157	33.01	-11.04
	16-QAM	2535.0	V	228	37	9.49	1 / 50	12.10	21.59	0.144	33.01	-11.42
15 MHz	QPSK	2507.5	V	130	41	9.54	1 / 74	12.40	21.94	0.156	33.01	-11.07
	QPSK	2535.0	V	228	37	9.49	1 / 37	12.79	22.29	0.169	33.01	-10.72
	QPSK	2562.5	V	156	39	9.41	1 / 37	12.65	22.06	0.161	33.01	-10.95
	16-QAM	2535.0	V	228	37	9.49	1 / 37	12.14	21.63	0.146	33.01	-11.38
10 MHz	QPSK	2505.0	V	130	41	9.54	1 / 49	12.52	22.07	0.161	33.01	-10.94
	QPSK	2535.0	V	228	37	9.49	1 / 49	12.99	22.49	0.177	33.01	-10.52
	QPSK	2565.0	V	156	39	9.42	1 / 0	12.64	22.05	0.160	33.01	-10.96
	16-QAM	2565.0	V	156	39	9.42	1 / 0	12.53	21.94	0.156	33.01	-11.07
5 MHz	QPSK	2502.5	V	130	41	9.55	1 / 12	12.55	22.10	0.162	33.01	-10.91
	QPSK	2535.0	V	228	37	9.49	1 / 24	13.11	22.60	0.182	33.01	-10.41
	QPSK	2567.5	V	156	39	9.42	1 / 12	12.66	22.09	0.162	33.01	-10.92
	16-QAM	2535.0	V	228	37	9.49	1 / 24	12.27	21.76	0.150	33.01	-11.25
20 MHz	Opposite Pol.	2535.0	H	228	45	9.40	1 / 50	11.87	21.27	0.134	33.01	-11.74
	WCP	2535.0	V	394	230	9.49	1 / 0	9.82	19.31	0.085	33.01	-13.70

Table 7-23. EIRP Data (LTE Band 7 – Ant F)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	EUT Pol.	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	2506.0	H	X	126	231	9.50	1 / 0	16.54	26.04	0.402	33.01	-6.97
	QPSK	2593.0	H	X	115	227	9.49	1 / 0	15.75	25.24	0.334	33.01	-7.77
	QPSK	2680.0	H	X	140	109	9.87	1 / 50	15.22	25.09	0.323	33.01	-7.92
	16-QAM	2506.0	H	X	126	231	9.50	1 / 0	15.80	25.30	0.339	33.01	-7.71
15 MHz	QPSK	2503.5	H	X	126	231	9.50	1 / 0	16.27	25.77	0.377	33.01	-7.24
	QPSK	2593.0	H	X	115	227	9.49	1 / 0	15.58	25.07	0.321	33.01	-7.94
	QPSK	2682.5	H	X	140	109	9.87	1 / 37	15.28	25.15	0.327	33.01	-7.86
	16-QAM	2503.5	H	X	126	231	9.50	1 / 74	15.03	24.53	0.284	33.01	-8.48
10 MHz	QPSK	2501.0	H	X	126	231	9.49	1 / 25	16.45	25.94	0.392	33.01	-7.07
	QPSK	2593.0	H	X	115	227	9.49	1 / 25	15.67	25.16	0.328	33.01	-7.85
	QPSK	2685.0	H	X	140	109	9.86	1 / 25	15.59	25.45	0.351	33.01	-7.56
	16-QAM	2501.0	H	X	126	231	9.49	1 / 49	16.02	25.52	0.356	33.01	-7.49
5 MHz	QPSK	2498.5	H	X	126	231	9.49	1 / 24	15.97	25.46	0.352	33.01	-7.55
	QPSK	2593.0	H	X	115	227	9.49	1 / 12	15.82	25.31	0.339	33.01	-7.70
	QPSK	2687.5	H	X	140	109	9.86	1 / 24	15.09	24.94	0.312	33.01	-8.07
	16-QAM	2498.5	H	X	126	231	9.49	1 / 12	15.50	24.99	0.316	33.01	-8.02
20 MHz	Opposite Pol.	2506.0	V	Y	198	46	9.54	1 / 50	15.02	24.56	0.286	33.01	-8.45
	WCP	2506.0	H	WCP	152	229	9.50	1 / 50	16.47	25.97	0.395	33.01	-7.04

Table 7-24. EIRP Data (LTE Band 41(PC2) – Ant B)

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	2506.0	H	195	339	9.50	1 / 50	14.24	23.74	0.237	33.01	-9.27
	QPSK	2593.0	H	241	328	9.49	1 / 0	14.90	24.39	0.275	33.01	-8.62
	QPSK	2680.0	H	202	331	9.87	1 / 0	15.78	25.65	0.367	33.01	-7.36
	16-QAM	2680.0	H	202	331	9.87	1 / 0	15.11	24.98	0.315	33.01	-8.03
15 MHz	QPSK	2503.5	H	195	339	9.50	1 / 74	14.40	23.90	0.246	33.01	-9.11
	QPSK	2593.0	H	241	328	9.49	1 / 74	14.49	23.98	0.250	33.01	-9.03
	QPSK	2682.5	H	202	331	9.87	1 / 74	16.01	25.88	0.387	33.01	-7.13
	16-QAM	2682.5	H	202	331	9.87	1 / 74	15.44	25.30	0.339	33.01	-7.71
10 MHz	QPSK	2501.0	H	195	339	9.49	1 / 49	14.34	23.84	0.242	33.01	-9.18
	QPSK	2593.0	H	241	328	9.49	1 / 49	14.76	24.25	0.266	33.01	-8.76
	QPSK	2685.0	H	202	331	9.86	1 / 49	15.59	25.45	0.351	33.01	-7.56
	16-QAM	2685.0	H	202	331	9.86	1 / 49	14.94	24.80	0.302	33.01	-8.21
5 MHz	QPSK	2498.5	H	195	339	9.49	1 / 12	14.18	23.67	0.233	33.01	-9.34
	QPSK	2593.0	H	241	328	9.49	1 / 12	14.72	24.21	0.264	33.01	-8.80
	QPSK	2687.5	H	202	331	9.86	1 / 12	15.69	25.55	0.359	33.01	-7.46
	16-QAM	2687.5	H	202	331	9.86	1 / 24	15.01	24.87	0.307	33.01	-8.14
20 MHz	Opposite Pol.	2680.0	V	147	353	9.51	1 / 50	14.59	24.10	0.257	33.01	-8.91
	WCP	2680.0	H	251	1	9.87	1 / 0	13.49	23.36	0.217	33.01	-9.65

Table 7-25. EIRP Data (LTE Band 41(PC2) – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 298 of 379

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	2506.0	H	156	231	9.50	1 / 0	14.87	24.37	0.274	33.01	-8.64
	QPSK	2593.0	H	112	231	9.49	1 / 50	14.15	23.64	0.231	33.01	-9.37
	QPSK	2680.0	H	137	233	9.87	1 / 0	14.64	24.51	0.283	33.01	-8.50
	16-QAM	2680.0	H	137	233	9.87	1 / 0	14.05	23.92	0.247	33.01	-9.09
15 MHz	QPSK	2503.5	H	156	231	9.50	1 / 37	14.93	24.43	0.277	33.01	-8.58
	QPSK	2593.0	H	112	231	9.49	1 / 37	14.20	23.69	0.234	33.01	-9.32
	QPSK	2682.5	H	137	233	9.87	1 / 37	14.79	24.65	0.292	33.01	-8.36
	16-QAM	2682.5	H	137	233	9.87	1 / 37	13.99	23.86	0.243	33.01	-9.15
10 MHz	QPSK	2501.0	H	156	231	9.49	1 / 0	14.24	23.73	0.236	33.01	-9.28
	QPSK	2593.0	H	112	231	9.49	1 / 0	13.38	22.87	0.194	33.01	-10.14
	QPSK	2685.0	H	137	233	9.86	1 / 0	13.95	23.81	0.241	33.01	-9.20
	16-QAM	2685.0	H	137	233	9.86	1 / 0	14.15	23.27	0.212	33.01	-9.74
5 MHz	QPSK	2498.5	H	156	231	9.49	1 / 24	15.14	24.63	0.290	33.01	-8.38
	QPSK	2593.0	H	112	231	9.49	1 / 24	14.40	23.89	0.245	33.01	-9.12
	QPSK	2687.5	H	137	233	9.86	1 / 24	14.98	24.84	0.305	33.01	-8.17
	16-QAM	2687.5	H	137	233	9.86	1 / 24	13.99	23.84	0.242	33.01	-9.17
20 MHz	Opposite Pol.	2680.0	V	326	266	9.54	1 / 50	12.45	21.99	0.158	33.01	-11.02
	WCP	2680.0	H	140	82	9.50	1 / 50	13.46	22.96	0.198	33.01	-10.05

Table 7-26. EIRP Data (LTE Band 41(PC3)/38 – Ant B)

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	2506.0	H	234	334	9.50	1 / 0	13.35	22.85	0.193	33.01	-10.16
	QPSK	2593.0	H	191	335	9.49	1 / 50	12.66	22.15	0.164	33.01	-10.86
	QPSK	2680.0	H	224	329	9.87	1 / 50	13.65	23.52	0.225	33.01	-9.49
	16-QAM	2680.0	H	224	329	9.87	1 / 99	12.79	22.66	0.185	33.01	-10.35
15 MHz	QPSK	2503.5	H	234	334	9.50	1 / 37	13.42	22.92	0.196	33.01	-10.09
	QPSK	2593.0	H	191	335	9.49	1 / 37	12.57	22.06	0.161	33.01	-10.95
	QPSK	2682.5	H	224	329	9.87	1 / 74	13.59	23.45	0.221	33.01	-9.56
	16-QAM	2682.5	H	224	329	9.87	1 / 37	12.76	22.62	0.183	33.01	-10.39
10 MHz	QPSK	2501.0	H	234	334	9.49	1 / 25	13.62	23.11	0.205	33.01	-9.90
	QPSK	2593.0	H	191	335	9.49	1 / 25	12.81	22.30	0.170	33.01	-10.71
	QPSK	2685.0	H	224	329	9.86	1 / 25	13.80	23.66	0.232	33.01	-9.35
	16-QAM	2685.0	H	224	329	9.86	1 / 25	12.87	22.73	0.188	33.01	-10.28
5 MHz	QPSK	2498.5	H	234	334	9.49	1 / 12	13.59	23.08	0.203	33.01	-9.93
	QPSK	2593.0	H	191	335	9.49	1 / 12	12.84	22.33	0.171	33.01	-10.68
	QPSK	2687.5	H	224	329	9.86	1 / 12	13.86	23.71	0.235	33.01	-9.30
	16-QAM	2687.5	H	224	329	9.86	1 / 12	12.91	22.76	0.189	33.01	-10.25
20 MHz	Opposite Pol.	2680.0	V	156	33	9.51	1 / 50	13.48	22.99	0.199	33.01	-10.02
	WCP	2680.0	H	182	3	9.87	1 / 0	12.39	22.26	0.168	33.01	-10.75

Table 7-27. EIRP Data (LTE Band 41(PC2)/38 – Ant F)

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]
10 MHz	$\pi/2$ BPSK	2310.0	H	146	192	10.55	1 / 38	11.12	21.67	0.147	23.98	-2.31
	QPSK	2310.0	H	146	192	10.55	1 / 38	10.91	21.46	0.140	23.98	-2.52
	16-QAM	2310.0	H	146	192	10.55	1 / 38	10.20	20.75	0.119	23.98	-3.23
5 MHz	$\pi/2$ BPSK	2307.5	H	146	192	10.52	1 / 12	11.35	21.87	0.154	23.98	-2.11
	$\pi/2$ BPSK	2310.0	H	146	192	10.55	1 / 6	11.25	21.80	0.151	23.98	-2.18
	$\pi/2$ BPSK	2312.5	H	146	192	10.56	1 / 12	11.24	21.80	0.151	23.98	-2.18
	QPSK	2307.5	H	146	192	10.52	1 / 12	11.07	21.59	0.144	23.98	-2.39
	QPSK	2310.0	H	146	192	10.55	1 / 6	10.95	21.50	0.141	23.98	-2.48
	QPSK	2312.5	H	146	192	10.56	1 / 12	10.98	21.54	0.142	23.98	-2.44
10 MHz	16-QAM	2307.5	H	146	192	10.52	1 / 12	10.23	20.75	0.119	23.98	-3.23
	QPSK (CP-OFDM)	2310.0	H	146	192	10.55	1/38	9.66	20.21	0.105	23.98	-3.77
	Opposite Pol.	2310.0	V	247	282	10.37	1/26	10.74	21.11	0.129	23.98	-2.87
WCP	2310.0	H	146	192	10.55	1/38	8.05	18.60	0.072	23.98	-5.38	

Table 7-28. EIRP Data (NR Band n30 – Ant A)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 299 of 379



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]
10 MHz	$\pi/2$ BPSK	2310.0	H	135	196	10.55	1 / 26	10.89	21.44	0.139	23.98	-2.54
	QPSK	2310.0	H	135	196	10.55	1 / 26	10.99	21.54	0.142	23.98	-2.44
	16-QAM	2310.0	H	135	196	10.55	1 / 26	9.98	20.53	0.113	23.98	-3.45
5 MHz	$\pi/2$ BPSK	2307.5	H	135	196	10.52	1 / 12	11.20	21.72	0.149	23.98	-2.26
	$\pi/2$ BPSK	2310.0	H	135	196	10.55	1 / 6	11.09	21.63	0.146	23.98	-2.35
	$\pi/2$ BPSK	2312.5	H	135	196	10.56	1 / 6	10.79	21.35	0.136	23.98	-2.63
	QPSK	2307.5	H	135	196	10.52	1 / 12	11.32	21.84	0.153	23.98	-2.14
	QPSK	2310.0	H	135	196	10.55	1 / 6	11.28	21.83	0.152	23.98	-2.15
	QPSK	2312.5	H	135	196	10.56	1 / 6	10.97	21.53	0.142	23.98	-2.45
	16-QAM	2307.5	H	135	196	10.52	1 / 12	10.23	20.74	0.119	23.98	-3.24
10 MHz	QPSK (CP-OFDM)	2310.0	H	135	196	10.55	1 / 13	9.66	20.21	0.105	23.98	-3.77
	Opposite Pol.	2310.0	V	112	237	10.37	1 / 13	10.89	21.26	0.134	23.98	-2.72
	WCP	2310.0	H	107	195	10.55	1 / 13	10.44	20.99	0.125	23.98	-2.99

Table 7-29. EIRP Data (NR Band n30 – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 300 of 379

V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



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]
40 MHz	$\pi/2$ BPSK	2520.0	H	153	221	9.45	1 / 161	12.78	22.23	0.167	33.01	-10.78
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 108	13.78	23.18	0.208	33.01	-9.83
	$\pi/2$ BPSK	2550.0	H	153	227	9.37	1 / 54	13.69	23.06	0.202	33.01	-9.95
	QPSK	2520.0	H	153	221	9.45	1 / 161	12.63	22.08	0.162	33.01	-10.93
	QPSK	2535.0	H	150	221	9.40	1 / 108	13.53	22.93	0.196	33.01	-10.08
	QPSK	2550.0	H	153	227	9.37	1 / 54	13.56	22.93	0.196	33.01	-10.08
30 MHz	16-QAM	2535.0	H	150	221	9.40	1 / 108	13.05	22.45	0.176	33.01	-10.56
	$\pi/2$ BPSK	2515.0	H	153	221	9.48	1 / 80	12.62	22.11	0.162	33.01	-10.90
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 119	13.97	23.37	0.218	33.01	-9.64
	$\pi/2$ BPSK	2555.0	H	153	227	9.40	1 / 119	12.63	22.03	0.160	33.01	-10.98
	QPSK	2515.0	H	153	221	9.48	1 / 119	13.65	23.13	0.206	33.01	-9.88
	QPSK	2535.0	H	150	221	9.40	1 / 119	13.54	22.94	0.197	33.01	-10.07
25 MHz	QPSK	2555.0	H	153	227	9.40	1 / 119	12.33	21.73	0.149	33.01	-11.28
	16-QAM	2515.0	H	153	221	9.48	1 / 119	13.55	23.03	0.201	33.01	-9.98
	$\pi/2$ BPSK	2512.5	H	153	221	9.49	1 / 33	12.95	22.44	0.176	33.01	-10.57
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 33	13.81	23.21	0.209	33.01	-9.80
	$\pi/2$ BPSK	2557.5	H	153	227	9.42	1 / 99	13.84	23.25	0.212	33.01	-9.76
	QPSK	2512.5	H	153	221	9.49	1 / 33	13.61	23.10	0.204	33.01	-9.91
20 MHz	QPSK	2535.0	H	150	221	9.40	1 / 33	13.44	22.84	0.192	33.01	-10.17
	QPSK	2557.5	H	153	227	9.42	1 / 99	13.61	23.02	0.200	33.01	-9.99
	16-QAM	2512.5	H	153	221	9.49	1 / 33	13.52	23.01	0.200	33.01	-10.00
	$\pi/2$ BPSK	2510.0	H	153	221	9.51	1 / 26	13.04	22.55	0.180	33.01	-10.46
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 79	13.79	23.19	0.208	33.01	-9.82
	$\pi/2$ BPSK	2560.0	H	153	227	9.43	1 / 53	13.96	23.39	0.218	33.01	-9.62
15 MHz	QPSK	2510.0	H	153	221	9.51	1 / 26	13.58	23.09	0.204	33.01	-9.92
	QPSK	2535.0	H	150	221	9.40	1 / 79	13.43	22.84	0.192	33.01	-10.17
	QPSK	2560.0	H	153	227	9.43	1 / 53	13.37	22.80	0.191	33.01	-10.21
	16-QAM	2510.0	H	153	221	9.51	1 / 26	13.38	22.89	0.195	33.01	-10.12
	$\pi/2$ BPSK	2507.5	H	153	221	9.50	1 / 39	12.52	22.02	0.159	33.01	-10.99
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 20	13.90	23.30	0.214	33.01	-9.71
10 MHz	$\pi/2$ BPSK	2562.5	H	153	227	9.43	1 / 20	13.71	23.14	0.206	33.01	-9.87
	QPSK	2507.5	H	153	221	9.50	1 / 39	13.21	22.72	0.187	33.01	-10.29
	QPSK	2535.0	H	150	221	9.40	1 / 20	13.48	22.88	0.194	33.01	-10.13
	QPSK	2562.5	H	153	227	9.43	1 / 20	13.56	22.98	0.199	33.01	-10.03
	16-QAM	2507.5	H	153	221	9.50	1 / 39	13.31	22.82	0.191	33.01	-10.19
	$\pi/2$ BPSK	2505.0	H	153	221	9.50	1 / 26	12.47	21.97	0.157	33.01	-11.04
5 MHz	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 38	13.90	23.30	0.214	33.01	-9.71
	$\pi/2$ BPSK	2565.0	H	153	227	9.42	1 / 13	13.72	23.14	0.206	33.01	-9.87
	QPSK	2505.0	H	153	221	9.50	1 / 26	13.22	22.72	0.187	33.01	-10.29
	QPSK	2535.0	H	150	221	9.40	1 / 38	13.46	22.87	0.194	33.01	-10.14
	QPSK	2565.0	H	153	227	9.42	1 / 13	13.61	23.03	0.201	33.01	-9.98
	16-QAM	2505.0	H	153	221	9.50	1 / 26	13.31	22.81	0.191	33.01	-10.20
40 MHz	$\pi/2$ BPSK	2502.5	H	153	221	9.49	1 / 18	13.04	22.54	0.179	33.01	-10.47
	$\pi/2$ BPSK	2535.0	H	150	221	9.40	1 / 18	13.91	23.32	0.215	33.01	-9.69
	$\pi/2$ BPSK	2567.5	H	153	227	9.42	1 / 6	13.54	22.95	0.197	33.01	-10.06
	QPSK	2502.5	H	153	221	9.49	1 / 18	13.61	23.10	0.204	33.01	-9.91
	QPSK	2535.0	H	150	221	9.40	1 / 18	13.52	22.93	0.196	33.01	-10.08
	QPSK	2567.5	H	153	227	9.42	1 / 6	13.45	22.87	0.194	33.01	-10.14
40 MHz	16-QAM	2502.5	H	153	221	9.49	1 / 18	13.61	23.11	0.204	33.01	-9.90
	QPSK (CP-OFDM)	2535.0	H	150	221	9.40	1/108	12.36	21.76	0.150	33.01	-11.25
	QPSK (Opposite Pol.)	2535.0	V	323	267	9.49	1/108	12.47	21.96	0.157	33.01	-11.05
	QPSK (WCP)	2535.0	H	150	221	9.40	1/108	12.07	21.47	0.140	33.01	-11.54

Table 7-30. EIRP Data (NR Band n7 – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 301 of 379



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]
40 MHz	$\pi/2$ BPSK	2520.0	V	115	31	9.51	1 / 161	12.67	22.18	0.165	33.01	-10.83
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 161	12.43	21.92	0.156	33.01	-11.09
	$\pi/2$ BPSK	2550.0	V	264	37	9.35	1 / 108	12.80	22.15	0.164	33.01	-10.86
	QPSK	2520.0	V	115	31	9.51	1 / 161	12.63	22.14	0.164	33.01	-10.87
	QPSK	2535.0	V	261	35	9.49	1 / 161	12.19	21.68	0.147	33.01	-11.33
	QPSK	2550.0	V	264	37	9.35	1 / 108	12.71	22.06	0.161	33.01	-10.95
30 MHz	16-QAM	2520.0	V	115	31	9.51	1 / 161	11.87	21.38	0.137	33.01	-11.63
	$\pi/2$ BPSK	2515.0	V	115	31	9.53	1 / 80	12.72	22.24	0.168	33.01	-10.77
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 119	12.44	21.93	0.156	33.01	-11.08
	$\pi/2$ BPSK	2555.0	V	264	37	9.38	1 / 119	12.64	22.02	0.159	33.01	-10.99
	QPSK	2515.0	V	115	31	9.53	1 / 80	12.74	22.27	0.169	33.01	-10.74
	QPSK	2535.0	V	261	35	9.49	1 / 119	12.07	21.57	0.143	33.01	-11.44
25 MHz	QPSK	2555.0	V	264	37	9.38	1 / 119	12.85	22.22	0.167	33.01	-10.79
	16-QAM	2515.0	V	115	31	9.53	1 / 80	11.85	21.37	0.137	33.01	-11.64
	$\pi/2$ BPSK	2512.5	V	115	31	9.54	1 / 33	12.56	22.10	0.162	33.01	-10.91
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 33	12.29	21.78	0.151	33.01	-11.23
	$\pi/2$ BPSK	2557.5	V	264	37	9.39	1 / 99	12.52	21.91	0.155	33.01	-11.10
	QPSK	2512.5	V	115	31	9.54	1 / 33	12.60	22.13	0.163	33.01	-10.88
20 MHz	QPSK	2535.0	V	261	35	9.49	1 / 33	11.80	21.29	0.135	33.01	-11.72
	QPSK	2557.5	V	264	37	9.39	1 / 99	12.61	21.99	0.158	33.01	-11.02
	16-QAM	2512.5	V	115	31	9.54	1 / 33	11.63	21.17	0.131	33.01	-11.84
	$\pi/2$ BPSK	2510.0	V	115	31	9.54	1 / 79	12.62	22.17	0.165	33.01	-10.84
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 26	12.34	21.83	0.152	33.01	-11.18
	$\pi/2$ BPSK	2560.0	V	264	37	9.40	1 / 79	12.50	21.91	0.155	33.01	-11.10
15 MHz	QPSK	2510.0	V	115	31	9.54	1 / 79	12.59	22.14	0.164	33.01	-10.87
	QPSK	2535.0	V	261	35	9.49	1 / 26	11.92	21.41	0.138	33.01	-11.60
	QPSK	2560.0	V	264	37	9.40	1 / 79	12.60	22.01	0.159	33.01	-11.00
	16-QAM	2510.0	V	115	31	9.54	1 / 79	11.78	21.33	0.136	33.01	-11.68
	$\pi/2$ BPSK	2507.5	V	115	31	9.54	1 / 58	12.55	22.09	0.162	33.01	-10.92
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 39	12.25	21.74	0.149	33.01	-11.27
10 MHz	$\pi/2$ BPSK	2562.5	V	264	37	9.41	1 / 58	12.44	21.85	0.153	33.01	-11.16
	QPSK	2507.5	V	115	31	9.54	1 / 58	12.58	22.12	0.163	33.01	-10.89
	QPSK	2535.0	V	261	35	9.49	1 / 39	11.87	21.36	0.137	33.01	-11.65
	QPSK	2562.5	V	264	37	9.41	1 / 58	12.62	22.02	0.159	33.01	-10.99
	16-QAM	2507.5	V	115	31	9.54	1 / 58	11.77	21.31	0.135	33.01	-11.70
	$\pi/2$ BPSK	2505.0	V	115	31	9.54	1 / 13	12.60	22.14	0.164	33.01	-10.87
5 MHz	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 26	12.27	21.76	0.150	33.01	-11.25
	$\pi/2$ BPSK	2565.0	V	264	37	9.42	1 / 26	12.44	21.86	0.153	33.01	-11.15
	QPSK	2505.0	V	115	31	9.54	1 / 13	12.53	22.08	0.161	33.01	-10.93
	QPSK	2535.0	V	261	35	9.49	1 / 26	11.93	21.42	0.139	33.01	-11.59
	QPSK	2565.0	V	264	37	9.42	1 / 26	12.73	22.15	0.164	33.01	-10.86
	16-QAM	2505.0	V	115	31	9.54	1 / 13	11.74	21.29	0.135	33.01	-11.72
40 MHz	$\pi/2$ BPSK	2502.5	V	115	31	9.55	1 / 18	12.64	22.19	0.166	33.01	-10.82
	$\pi/2$ BPSK	2535.0	V	261	35	9.49	1 / 18	12.21	21.70	0.148	33.01	-11.31
	$\pi/2$ BPSK	2567.5	V	264	37	9.42	1 / 18	12.40	21.83	0.152	33.01	-11.18
	QPSK	2502.5	V	115	31	9.55	1 / 18	12.54	22.08	0.162	33.01	-10.93
	QPSK	2535.0	V	261	35	9.49	1 / 18	11.97	21.46	0.140	33.01	-11.55
	QPSK	2567.5	V	264	37	9.42	1 / 18	12.44	21.86	0.153	33.01	-11.15
40 MHz	16-QAM	2502.5	V	115	31	9.55	1 / 18	11.77	21.31	0.135	33.01	-11.70
	QPSK (CP-OFDM)	2520.0	V	115	31	9.51	1 / 161	11.20	20.71	0.118	33.01	-12.30
	QPSK (Opposite Pol.)	2520.0	H	198	338	9.45	1 / 54	10.38	19.83	0.096	33.01	-13.18
	QPSK (WCP)	2520.0	V	388	214	9.51	1 / 54	7.37	16.88	0.049	33.01	-16.13

Table 7-31. EIRP Data (NR Band n7 – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 302 of 379



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]
100 MHz	π/2 BPSK	2546.01	V	274	276	9.40	1 / 136	15.10	24.50	0.282	33.01	-8.51
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 136	14.38	23.84	0.242	33.01	-9.17
	π/2 BPSK	2640.00	V	257	270	9.50	1 / 136	14.58	24.08	0.256	33.01	-8.93
	QPSK	2546.01	V	274	276	9.40	1 / 136	15.12	24.52	0.283	33.01	-8.49
	QPSK	2592.99	V	270	286	9.46	1 / 68	14.17	23.63	0.231	33.01	-9.38
	QPSK	2640.00	V	257	270	9.50	1 / 136	14.68	24.18	0.262	33.01	-8.83
90 MHz	16-QAM	2546.01	V	274	276	9.40	1 / 136	13.66	23.06	0.202	33.01	-9.95
	π/2 BPSK	2541.00	V	274	276	9.46	1 / 122	15.36	24.82	0.303	33.01	-8.19
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 122	14.26	23.72	0.236	33.01	-9.29
	π/2 BPSK	2644.98	V	257	270	9.51	1 / 122	14.42	23.93	0.247	33.01	-9.08
	QPSK	2541.00	V	274	276	9.46	1 / 122	15.00	24.46	0.279	33.01	-8.55
	QPSK	2592.99	V	270	286	9.46	1 / 122	14.02	23.48	0.223	33.01	-9.53
80 MHz	QPSK	2644.98	V	257	270	9.51	1 / 122	14.34	23.84	0.242	33.01	-9.17
	16-QAM	2541.00	V	274	276	9.46	1 / 122	13.46	22.92	0.196	33.01	-10.09
	π/2 BPSK	2536.02	V	274	276	9.49	1 / 54	15.23	24.72	0.296	33.01	-8.29
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 54	14.84	24.30	0.269	33.01	-8.71
	π/2 BPSK	2649.99	V	257	270	9.52	1 / 54	14.51	24.02	0.253	33.01	-8.99
	QPSK	2536.02	V	274	276	9.49	1 / 54	15.18	24.67	0.293	33.01	-8.34
70 MHz	QPSK	2592.99	V	270	286	9.46	1 / 54	14.35	23.81	0.240	33.01	-9.20
	QPSK	2649.99	V	257	270	9.52	1 / 54	14.59	24.11	0.258	33.01	-8.90
	16-QAM	2536.02	V	274	276	9.49	1 / 54	13.72	23.21	0.209	33.01	-9.80
	π/2 BPSK	2531.01	V	274	276	9.51	1 / 141	15.34	24.85	0.306	33.01	-8.16
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 94	14.25	23.71	0.235	33.01	-9.30
	π/2 BPSK	2655.00	V	257	270	9.51	1 / 141	14.41	23.92	0.247	33.01	-9.09
60 MHz	QPSK	2531.01	V	274	276	9.51	1 / 141	15.38	24.89	0.308	33.01	-8.12
	QPSK	2592.99	V	270	286	9.46	1 / 94	14.11	23.57	0.228	33.01	-9.44
	QPSK	2655.00	V	257	270	9.51	1 / 141	14.53	24.03	0.253	33.01	-8.98
	16-QAM	2531.01	V	274	276	9.51	1 / 141	13.14	22.65	0.184	33.01	-10.36
	π/2 BPSK	2526.00	V	274	276	9.52	1 / 81	15.45	24.96	0.313	33.01	-8.05
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 40	14.94	24.40	0.275	33.01	-8.61
50 MHz	π/2 BPSK	2659.98	V	257	270	9.50	1 / 40	15.02	24.52	0.283	33.01	-8.49
	QPSK	2526.00	V	274	276	9.52	1 / 81	15.22	24.74	0.298	33.01	-8.27
	QPSK	2592.99	V	270	286	9.46	1 / 40	14.32	23.78	0.239	33.01	-9.23
	QPSK	2659.98	V	257	270	9.50	1 / 40	14.68	24.18	0.262	33.01	-8.83
	16-QAM	2659.98	V	257	270	9.50	1 / 40	12.97	22.47	0.177	33.01	-10.54
	40 MHz	π/2 BPSK	2521.02	V	274	276	9.51	1 / 66	15.59	25.10	0.324	33.01
π/2 BPSK		2592.99	V	270	286	9.46	1 / 66	14.90	24.36	0.273	33.01	-8.65
π/2 BPSK		2664.99	V	257	270	9.51	1 / 33	14.89	24.40	0.276	33.01	-8.61
QPSK		2521.02	V	274	276	9.51	1 / 66	15.05	24.56	0.286	33.01	-8.45
QPSK		2592.99	V	270	286	9.46	1 / 66	13.99	23.45	0.221	33.01	-9.56
QPSK		2664.99	V	257	270	9.51	1 / 33	14.49	24.00	0.251	33.01	-9.01
30 MHz	16-QAM	2521.02	V	274	276	9.51	1 / 66	13.15	22.67	0.185	33.01	-10.34
	π/2 BPSK	2516.01	V	274	276	9.52	1 / 53	15.78	25.30	0.339	33.01	-7.71
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 53	14.74	24.20	0.263	33.01	-8.81
	π/2 BPSK	2670.00	V	257	270	9.52	1 / 79	14.49	24.01	0.252	33.01	-9.00
	QPSK	2516.01	V	274	276	9.52	1 / 53	15.15	24.68	0.294	33.01	-8.33
	QPSK	2592.99	V	270	286	9.46	1 / 53	14.15	23.61	0.229	33.01	-9.40
20 MHz	QPSK	2670.00	V	257	270	9.52	1 / 79	14.67	24.19	0.263	33.01	-8.82
	16-QAM	2516.01	V	274	276	9.52	1 / 53	13.71	23.23	0.210	33.01	-9.78
	π/2 BPSK	2511.00	V	274	276	9.54	1 / 39	15.54	25.08	0.322	33.01	-7.93
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 39	14.87	24.33	0.271	33.01	-8.68
	π/2 BPSK	2674.98	V	257	270	9.52	1 / 19	14.59	24.10	0.257	33.01	-8.91
	QPSK	2511.00	V	274	276	9.54	1 / 39	15.21	24.75	0.298	33.01	-8.26
15 MHz	QPSK	2592.99	V	270	286	9.46	1 / 39	14.43	23.89	0.245	33.01	-9.12
	QPSK	2674.98	V	257	270	9.52	1 / 19	14.66	24.18	0.262	33.01	-8.83
	16-QAM	2511.00	V	274	276	9.54	1 / 39	13.40	22.94	0.197	33.01	-10.07
	π/2 BPSK	2506.02	V	274	276	9.54	50 / 0	15.08	24.62	0.290	33.01	-8.39
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 13	14.49	23.95	0.248	33.01	-9.06
	π/2 BPSK	2679.99	V	257	270	9.51	1 / 37	14.77	24.28	0.268	33.01	-8.73
10 MHz	QPSK	2506.02	V	274	276	9.54	1 / 25	15.72	25.26	0.336	33.01	-7.75
	QPSK	2592.99	V	270	286	9.46	1 / 13	14.30	23.76	0.238	33.01	-9.25
	QPSK	2679.99	V	257	270	9.51	1 / 37	14.97	24.48	0.280	33.01	-8.53
	16-QAM	2506.02	V	274	276	9.54	1 / 25	13.45	23.00	0.199	33.01	-10.01
	π/2 BPSK	2503.50	V	274	276	9.54	1 / 37	14.89	24.44	0.278	33.01	-8.57
	π/2 BPSK	2592.99	V	270	286	9.46	1 / 13	14.25	23.71	0.235	33.01	-9.30
5 MHz	π/2 BPSK	2682.48	V	257	270	9.52	1 / 13	14.16	23.67	0.233	33.01	-9.34
	QPSK	2503.50	V	274	276	9.54	1 / 37	14.95	24.49	0.281	33.01	-8.52
	QPSK	2592.99	V	270	286	9.46	1 / 13	14.00	23.46	0.222	33.01	-9.55
	QPSK	2682.48	V	257	270	9.52	1 / 13	14.15	23.67	0.233	33.01	-9.34
	16-QAM	2503.50	V	274	276	9.54	1 / 37	13.15	22.69	0.186	33.01	-10.32
	1 MHz	π/2 BPSK	2501.01	V	274	276	9.54	1 / 37	14.72	24.27	0.267	33.01
π/2 BPSK		2592.99	V	270	286	9.46	1 / 37	14.06	23.52	0.225	33.01	-9.49
π/2 BPSK		2685.00	V	257	270	9.51	1 / 13	14.01	23.52	0.225	33.01	-9.49
QPSK		2501.01	V	274	276	9.54	1 / 13	14.28	23.83	0.241	33.01	-9.18
QPSK		2592.99	V	270	286	9.46	1 / 37	13.77	23.23	0.210	33.01	-9.78
QPSK		2685.00	V	257	270	9.51	1 / 13	14.06	23.57	0.227	33.01	-9.44
100 MHz	16-QAM	2501.01	V	274	276	9.54	1 / 37	12.77	22.31	0.170	33.01	-10.70
	QPSK (CP-OFDM)	2546.01	V	109	100	9.50	1 / 136	14.02	23.52	0.225	33.01	-9.49
	QPSK (Opposite Pol.)	2546.01	H	123	319	9.89	1 / 136	13.21	23.10	0.204	33.01	-9.91
	QPSK (WCP)	2546.01	V	379	342	9.50	1 / 68	12.41	21.91	0.155	33.01	-11.10

Table 7-32. EIRP Data (NR Band n41 (PC2) – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 303 of 379

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]
100 MHz	$\pi/2$ BPSK	2546.01	H	120	47	9.38	1 / 136	7.38	16.76	0.047	33.01	-16.25
	$\pi/2$ BPSK	2592.99	H	119	54	9.49	1 / 68	7.48	16.97	0.050	33.01	-16.04
	$\pi/2$ BPSK	2640.00	H	229	44	9.89	1 / 204	8.84	18.73	0.075	33.01	-14.28
	QPSK	2546.01	H	120	47	9.38	1 / 136	7.51	16.89	0.049	33.01	-16.12
	QPSK	2592.99	H	119	54	9.49	1 / 68	6.42	15.91	0.039	33.01	-17.10
	QPSK	2640.00	H	229	44	9.89	1 / 204	8.03	17.92	0.062	33.01	-15.09
100 MHz	16-QAM	2640.00	H	229	44	9.89	1 / 204	7.56	17.45	0.056	33.01	-15.56
	QPSK (CP-OFDM)	2640.0	H	229	44	9.89	1/204	6.81	16.70	0.047	33.01	-16.31
	QPSK (Opposite Pol.)	2640.0	V	395	10	9.50	1/204	5.88	15.38	0.035	33.01	-17.63

Table 7-33. EIRP Data (NR Band n41 (PC2) – Ant B)

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]
100 MHz	$\pi/2$ BPSK	2546.01	H	117	230	9.38	1 / 136	8.65	18.03	0.063	33.01	-14.98
	$\pi/2$ BPSK	2592.99	H	111	231	9.49	1 / 68	7.76	17.25	0.053	33.01	-15.76
	$\pi/2$ BPSK	2640.00	H	105	227	9.89	1 / 204	9.56	19.45	0.088	33.01	-13.56
	QPSK	2546.01	H	117	230	9.38	1 / 136	8.45	17.83	0.061	33.01	-15.18
	QPSK	2592.99	H	111	231	9.49	1 / 68	7.45	16.94	0.049	33.01	-16.07
	QPSK	2640.00	H	105	227	9.89	1 / 204	9.96	19.85	0.097	33.01	-13.16
100 MHz	16-QAM	2640.00	H	105	227	9.89	1 / 204	9.32	19.21	0.083	33.01	-13.80
	QPSK (CP-OFDM)	2640.0	H	105	227	9.89	1 / 68	4.81	14.70	0.030	33.01	-18.31
	QPSK (Opposite Pol.)	2640.0	V	167	262	9.50	1 / 204	8.20	17.70	0.059	33.01	-15.31

Table 7-34. EIRP Data (NR Band n41 (PC2) – Ant E)

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]
100 MHz	$\pi/2$ BPSK	2546.01	V	126	39	9.40	1 / 204	1.53	10.93	0.012	33.01	-22.08
	$\pi/2$ BPSK	2592.99	V	133	24	9.46	1 / 68	-1.36	8.10	0.006	33.01	-24.91
	$\pi/2$ BPSK	2640.00	V	129	47	9.50	1 / 204	2.56	12.06	0.016	33.01	-20.95
	QPSK	2546.01	V	126	39	9.40	1 / 204	1.47	10.87	0.012	33.01	-22.14
	QPSK	2592.99	V	133	24	9.46	1 / 68	-1.13	8.33	0.007	33.01	-24.68
	QPSK	2640.00	V	129	47	9.50	1 / 204	2.45	11.95	0.016	33.01	-21.06
100 MHz	16-QAM	2640.00	V	129	47	9.50	1 / 204	1.57	11.07	0.013	33.01	-21.94
	QPSK (CP-OFDM)	2640.0	V	129	47	9.50	1/204	0.43	9.93	0.010	33.01	-23.08
	QPSK (Opposite Pol.)	2640.0	H	128	130	9.89	1/204	-2.27	7.62	0.006	33.01	-25.39

Table 7-35. EIRP Data (NR Band n41 (PC2) – Ant D)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 304 of 379



Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	EUT Pol.	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	π/2 BPSK	2546.01	H	X	119	341	9.38	1 / 204	15.70	25.08	0.322	33.01	-7.93
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 68	15.11	24.60	0.288	33.01	-8.41
	π/2 BPSK	2640.00	H	X	134	322	9.89	1 / 68	15.26	25.15	0.328	33.01	-7.86
	QPSK	2546.01	H	X	119	341	9.38	1 / 68	15.75	25.13	0.326	33.01	-7.88
	QPSK	2592.99	H	X	132	328	9.49	1 / 68	15.33	24.82	0.303	33.01	-8.19
	QPSK	2640.00	H	X	134	322	9.89	1 / 68	15.52	25.41	0.348	33.01	-7.60
90 MHz	16-QAM	2640.00	H	X	134	322	9.89	1 / 68	14.87	24.76	0.299	33.01	-8.25
	π/2 BPSK	2541.00	H	X	119	341	9.39	1 / 122	15.44	24.83	0.304	33.01	-8.18
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 61	14.97	24.46	0.279	33.01	-8.55
	π/2 BPSK	2644.98	H	X	134	322	9.91	1 / 61	15.34	25.25	0.335	33.01	-7.76
	QPSK	2541.00	H	X	119	341	9.39	1 / 122	15.51	24.90	0.309	33.01	-8.11
	QPSK	2592.99	H	X	132	328	9.49	1 / 61	15.32	24.81	0.303	33.01	-8.20
80 MHz	QPSK	2644.98	H	X	134	322	9.91	1 / 61	15.48	25.39	0.346	33.01	-7.62
	16-QAM	2644.98	H	X	134	322	9.91	1 / 61	14.75	24.66	0.293	33.01	-8.35
	π/2 BPSK	2536.02	H	X	119	341	9.40	1 / 54	15.51	24.91	0.310	33.01	-8.10
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 162	15.04	24.53	0.284	33.01	-8.48
	π/2 BPSK	2649.99	H	X	134	322	9.93	1 / 54	15.16	25.09	0.323	33.01	-7.92
	QPSK	2536.02	H	X	119	341	9.40	1 / 54	15.60	25.00	0.316	33.01	-8.01
70 MHz	QPSK	2592.99	H	X	132	328	9.49	1 / 162	15.33	24.82	0.303	33.01	-8.19
	QPSK	2649.99	H	X	134	322	9.93	1 / 54	15.44	25.37	0.345	33.01	-7.64
	16-QAM	2649.99	H	X	134	322	9.93	1 / 54	14.79	24.72	0.297	33.01	-8.29
	π/2 BPSK	2531.01	H	X	119	341	9.41	1 / 141	15.48	24.90	0.309	33.01	-8.11
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 47	15.00	24.49	0.281	33.01	-8.52
	π/2 BPSK	2655.00	H	X	134	322	9.89	1 / 47	15.32	25.21	0.332	33.01	-7.80
60 MHz	QPSK	2531.01	H	X	119	341	9.41	1 / 141	15.48	24.90	0.309	33.01	-8.11
	QPSK	2592.99	H	X	132	328	9.49	1 / 47	15.26	24.75	0.299	33.01	-8.26
	QPSK	2655.00	H	X	134	322	9.89	1 / 47	15.54	25.43	0.349	33.01	-7.58
	16-QAM	2655.00	H	X	134	322	9.89	1 / 47	14.74	24.63	0.291	33.01	-8.38
	π/2 BPSK	2526.00	H	X	119	341	9.43	1 / 40	15.68	25.11	0.324	33.01	-7.90
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 40	15.23	24.72	0.297	33.01	-8.29
50 MHz	π/2 BPSK	2659.98	H	X	134	322	9.85	1 / 81	15.29	25.14	0.327	33.01	-7.87
	QPSK	2526.00	H	X	119	341	9.43	1 / 40	15.68	25.11	0.324	33.01	-7.90
	QPSK	2592.99	H	X	132	328	9.49	1 / 40	15.46	24.95	0.313	33.01	-8.06
	QPSK	2659.98	H	X	134	322	9.85	1 / 81	15.59	25.44	0.350	33.01	-7.57
	16-QAM	2659.98	H	X	134	322	9.85	1 / 81	14.76	24.61	0.289	33.01	-8.40
	π/2 BPSK	2521.02	H	X	119	341	9.45	1 / 33	15.74	25.19	0.330	33.01	-7.82
40 MHz	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 99	15.24	24.73	0.297	33.01	-8.28
	π/2 BPSK	2664.99	H	X	134	322	9.84	1 / 33	15.34	25.17	0.329	33.01	-7.84
	QPSK	2521.02	H	X	119	341	9.45	1 / 33	15.70	25.15	0.327	33.01	-7.86
	QPSK	2592.99	H	X	132	328	9.49	1 / 99	15.47	24.96	0.313	33.01	-8.05
	QPSK	2664.99	H	X	134	322	9.84	1 / 33	15.57	25.40	0.347	33.01	-7.61
	16-QAM	2664.99	H	X	134	322	9.84	1 / 33	14.74	24.57	0.287	33.01	-8.44
30 MHz	π/2 BPSK	2516.01	H	X	119	341	9.48	1 / 79	15.69	25.17	0.329	33.01	-7.84
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 79	15.27	24.76	0.299	33.01	-8.25
	π/2 BPSK	2670.00	H	X	134	322	9.82	1 / 79	15.54	25.36	0.344	33.01	-7.65
	QPSK	2516.01	H	X	119	341	9.48	1 / 79	15.69	25.17	0.329	33.01	-7.84
	QPSK	2592.99	H	X	132	328	9.49	1 / 79	15.57	25.06	0.321	33.01	-7.95
	QPSK	2670.00	H	X	134	322	9.82	1 / 79	15.70	25.52	0.357	33.01	-7.49
20 MHz	16-QAM	2670.00	H	X	134	322	9.82	1 / 79	14.96	24.78	0.301	33.01	-8.23
	π/2 BPSK	2511.00	H	X	119	341	9.50	1 / 58	15.73	25.24	0.334	33.01	-7.77
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 58	15.34	24.83	0.304	33.01	-8.18
	π/2 BPSK	2674.98	H	X	134	322	9.85	1 / 58	15.42	25.26	0.336	33.01	-7.75
	QPSK	2511.00	H	X	119	341	9.50	1 / 58	15.69	25.20	0.331	33.01	-7.81
	QPSK	2592.99	H	X	132	328	9.49	1 / 58	15.58	25.07	0.321	33.01	-7.94
15 MHz	QPSK	2674.98	H	X	134	322	9.85	1 / 58	15.62	25.46	0.352	33.01	-7.55
	16-QAM	2674.98	H	X	134	322	9.85	1 / 58	14.83	24.67	0.293	33.01	-8.34
	π/2 BPSK	2506.02	H	X	119	341	9.50	1 / 37	15.49	24.99	0.315	33.01	-8.02
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 25	15.11	24.60	0.288	33.01	-8.41
	π/2 BPSK	2679.99	H	X	134	322	9.87	1 / 37	15.31	25.18	0.330	33.01	-7.83
	QPSK	2506.02	H	X	119	341	9.50	1 / 37	15.53	25.03	0.318	33.01	-7.98
10 MHz	QPSK	2592.99	H	X	132	328	9.49	1 / 25	15.43	24.92	0.311	33.01	-8.09
	QPSK	2679.99	H	X	134	322	9.87	1 / 37	15.54	25.41	0.348	33.01	-7.60
	16-QAM	2679.99	H	X	134	322	9.87	1 / 37	14.75	24.62	0.290	33.01	-8.39
	π/2 BPSK	2503.50	H	X	119	341	9.50	1 / 37	15.58	25.09	0.323	33.01	-7.92
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 25	15.17	24.66	0.292	33.01	-8.35
	π/2 BPSK	2682.48	H	X	134	322	9.85	1 / 37	15.39	25.23	0.334	33.01	-7.78
100 MHz	QPSK	2503.50	H	X	119	341	9.50	1 / 37	15.61	25.12	0.325	33.01	-7.89
	QPSK	2592.99	H	X	132	328	9.49	1 / 25	15.50	24.99	0.316	33.01	-8.02
	QPSK	2682.48	H	X	134	322	9.85	1 / 37	15.62	25.46	0.352	33.01	-7.55
	16-QAM	2682.48	H	X	134	322	9.85	1 / 37	14.95	24.79	0.301	33.01	-8.22
	π/2 BPSK	2501.01	H	X	119	341	9.50	1 / 37	15.52	25.02	0.318	33.01	-7.99
	π/2 BPSK	2592.99	H	X	132	328	9.49	1 / 37	15.10	24.59	0.288	33.01	-8.42
100 MHz	π/2 BPSK	2685.00	H	X	134	322	9.87	1 / 13	15.19	25.06	0.321	33.01	-7.95
	QPSK	2501.01	H	X	119	341	9.50	1 / 37	15.45	24.95	0.312	33.01	-8.06
	QPSK	2592.99	H	X	132	328	9.49	1 / 37	15.37	24.86	0.306	33.01	-8.15
	QPSK	2685.00	H	X	134	322	9.87	1 / 13	15.42	25.29	0.338	33.01	-7.72
100 MHz	16-QAM	2685.00	H	X	134	322	9.87	1 / 13	14.76	24.63	0.291	33.01	-8.38
	QPSK (CP-OFDM)	2640.00	H	X	134	322	9.89	1 / 68	13.99	23.88	0.244	33.01	-9.13
	QPSK (Opposite Pol.)	2640.00	V	Y	107	36	9.50	1 / 68	14.42	23.92	0.247	33.01	-9.09
QPSK (WCP)	2640.00	H	X	112	358	9.89	1 / 68	15.29	25.18	0.330	33.01	-7.83	

Table 7-36. EIRP Data (NR Band n41 (PC2) – Switching - Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 305 of 379

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]
100 MHz	$\pi/2$ BPSK	2546.01	V	133	15	9.40	1 / 68	9.22	18.62	0.073	33.01	-14.39
	$\pi/2$ BPSK	2592.99	V	120	31	9.46	1 / 136	8.95	18.41	0.069	33.01	-14.60
	$\pi/2$ BPSK	2640.00	V	130	24	9.50	1 / 136	8.75	18.25	0.067	33.01	-14.76
	QPSK	2546.01	V	133	15	9.40	1 / 68	8.27	17.67	0.058	33.01	-15.34
	QPSK	2592.99	V	120	31	9.46	1 / 136	9.06	18.52	0.071	33.01	-14.49
	QPSK	2640.00	V	130	24	9.50	1 / 136	8.44	17.94	0.062	33.01	-15.07
100 MHz	16-QAM	2592.99	V	120	31	9.46	1 / 136	8.40	17.86	0.061	33.01	-15.15
	QPSK (CP-OFDM)	2546.0	V	133	15	9.40	1/68	8.55	17.95	0.062	33.01	-15.06
	QPSK (Opposite Pol.)	2546.0	H	209	334	9.38	1/204	8.78	18.16	0.065	33.01	-14.85

Table 7-37. EIRP Data (NR Band n41 (PC2) – Switching - Ant F)

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]
100 MHz	$\pi/2$ BPSK	2546.01	V	163	40	9.40	1 / 136	6.81	16.21	0.042	33.01	-16.80
	$\pi/2$ BPSK	2592.99	V	166	25	9.46	1 / 68	5.01	14.47	0.028	33.01	-18.54
	$\pi/2$ BPSK	2640.00	V	166	31	9.50	1 / 68	4.92	14.42	0.028	33.01	-18.59
	QPSK	2546.01	V	163	40	9.40	1 / 136	6.97	16.37	0.043	33.01	-16.64
	QPSK	2592.99	V	166	25	9.46	1 / 68	5.05	14.51	0.028	33.01	-18.50
	QPSK	2640.00	V	166	31	9.50	1 / 68	4.53	14.03	0.025	33.01	-18.98
	16-QAM	2546.01	V	163	40	9.40	1 / 136	5.99	15.39	0.035	33.01	-17.62
100 MHz	QPSK (CP-OFDM)	2546.0	V	163	40	9.40	1/136	5.58	14.98	0.031	33.01	-18.03
	QPSK (Opposite Pol.)	2546.0	H	108	46	9.38	1/68	6.63	16.01	0.040	33.01	-17.00

Table 7-38. EIRP Data (NR Band n41 (PC2) – Switching - Ant D)

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]
100 MHz	$\pi/2$ BPSK	2546.01	H	147	217	9.38	1 / 204	7.12	16.50	0.045	33.01	-16.51
	$\pi/2$ BPSK	2592.99	H	150	219	9.49	1 / 204	6.39	15.88	0.039	33.01	-17.13
	$\pi/2$ BPSK	2640.00	H	143	221	9.89	1 / 204	7.79	17.68	0.059	33.01	-15.33
	QPSK	2546.01	H	147	217	9.38	1 / 204	7.30	16.68	0.047	33.01	-16.33
	QPSK	2592.99	H	150	219	9.49	1 / 204	6.76	16.25	0.042	33.01	-16.76
	QPSK	2640.00	H	143	221	9.89	1 / 204	7.68	17.57	0.057	33.01	-15.44
	16-QAM	2640.00	H	143	221	9.89	1 / 204	7.20	17.09	0.051	33.01	-15.92
100 MHz	QPSK (CP-OFDM)	2640.0	H	143	221	9.89	1/204	6.87	16.76	0.047	33.01	-16.25
	QPSK (Opposite Pol.)	2640.0	V	156	273	9.50	1/68	4.25	13.75	0.024	33.01	-19.26

Table 7-39. EIRP Data (NR Band n41 (PC2) – Switching - Ant E)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 306 of 379



7.7 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 – Section 5.5.4

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 307 of 379

V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

Test Setup

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

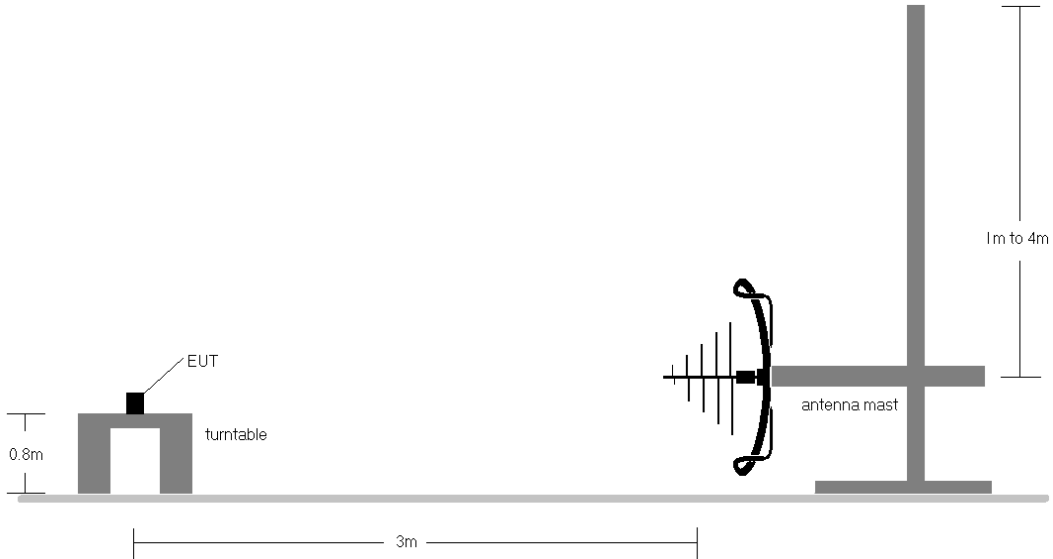


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

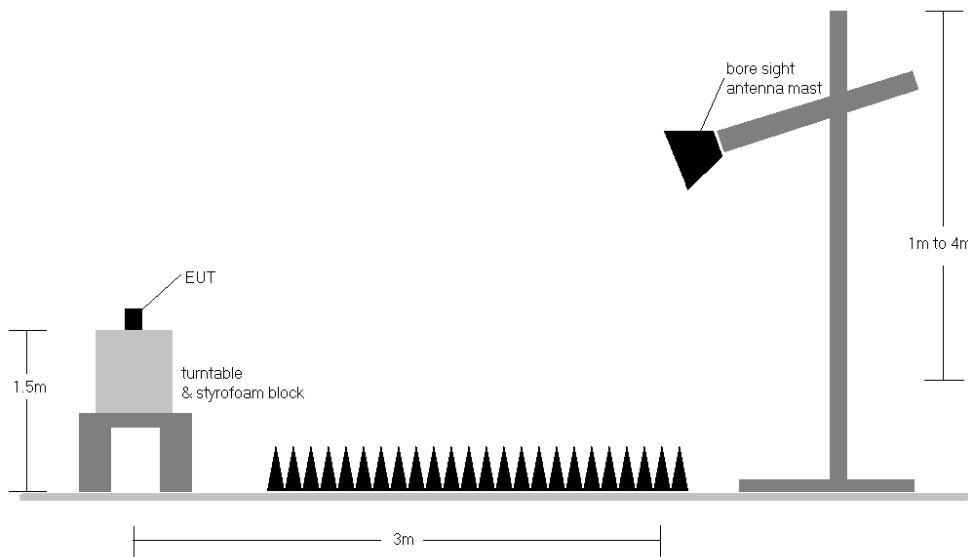


Figure 7-7. Test Instrument & Measurement Setup >1 GHz

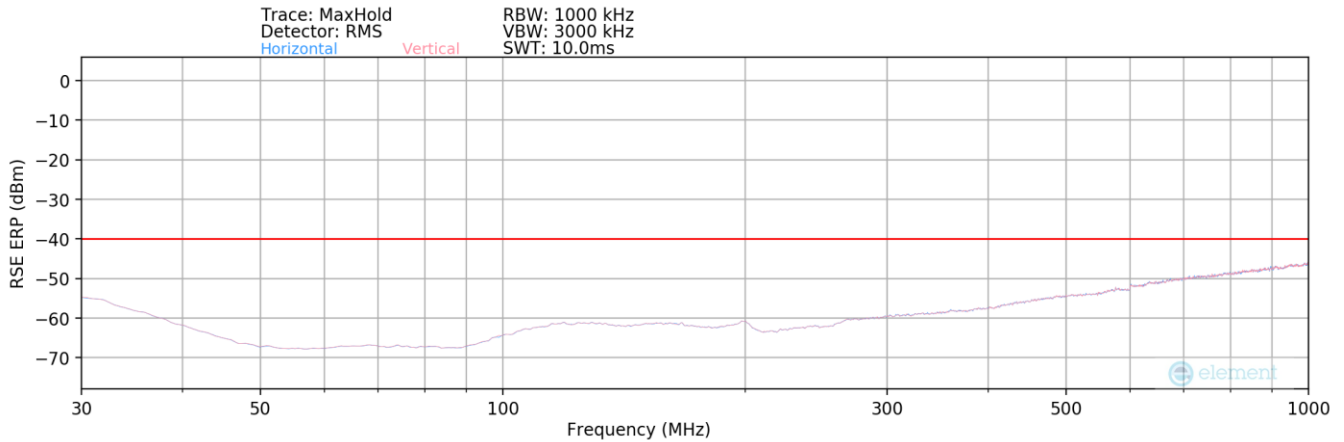
FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 308 of 379

Test Notes

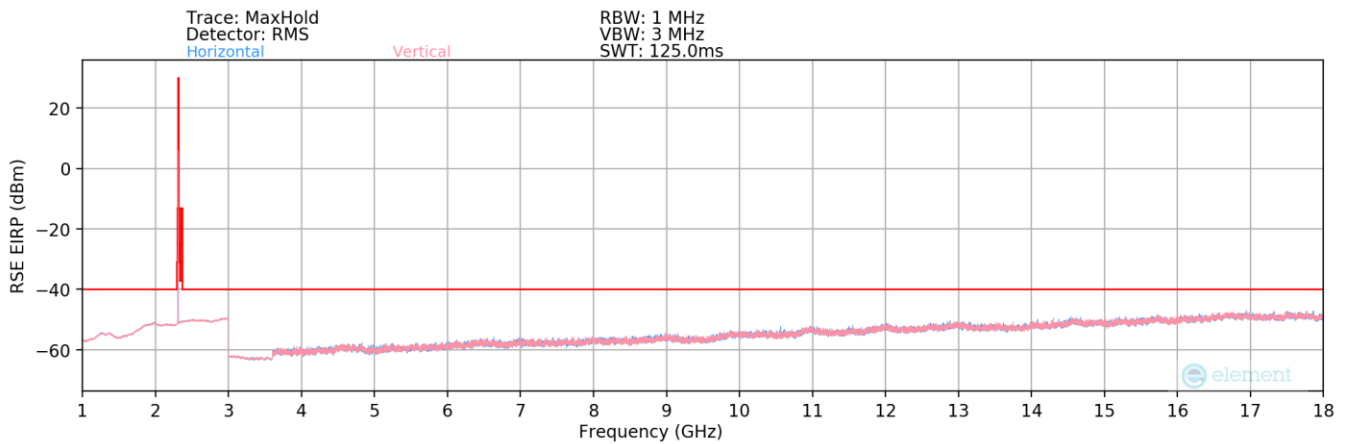
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
- 2) 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.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) ULCA spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
- 8) 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.
- 9) Spurious emissions shown in this section are measured while operating in EN-DC mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor). Spurious emissions from the NR carrier device, is subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 309 of 379

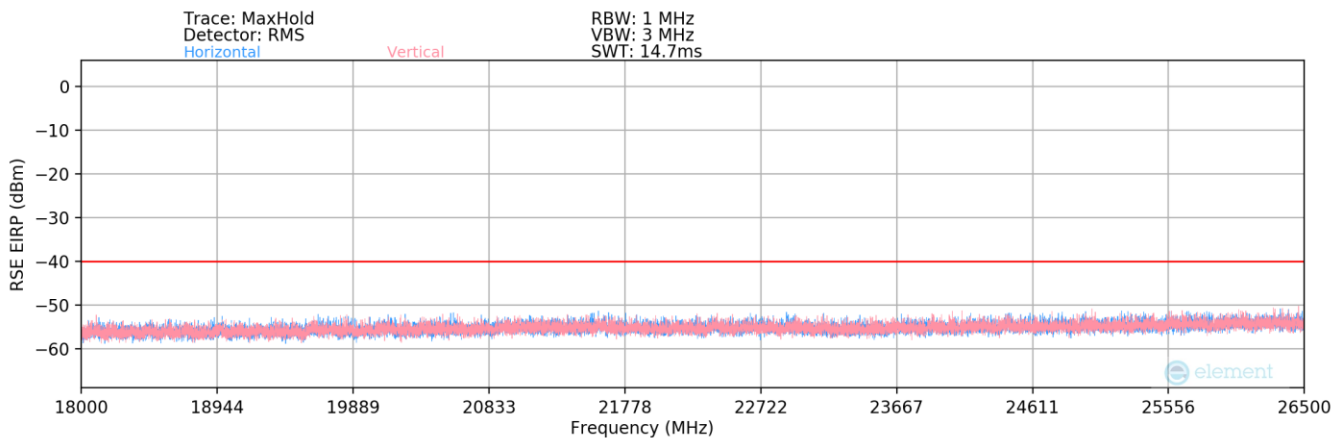
LTE Band 30 – Ant A



Plot 7-511. Radiated Spurious Plot (LTE Band 30 – Ant A)



Plot 7-512. Radiated Spurious Plot (LTE Band 30 – Ant A)



Plot 7-513. Radiated Spurious Plot (LTE Band 30 – Ant A)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 310 of 379

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
433.00	H	-	-	-89.96	24.60	41.64	-55.77	-40.00	-15.77

Table 7-40. Radiated Spurious Data Below 1GHz (LTE Band 30 – Mid Channel – Ant A)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	H	290	46	-75.63	4.56	35.93	-59.33	-40.00	-19.33
6930.00	H	-	-	-79.80	7.20	34.40	-60.86	-40.00	-20.86
9240.00	H	276	47	-74.22	8.81	41.59	-53.67	-40.00	-13.67
11550.00	H	236	8	-80.51	12.86	39.35	-55.91	-40.00	-15.91
13860.00	H	-	-	-82.34	14.47	39.13	-56.13	-40.00	-16.13
16170.00	H	-	-	-82.24	16.98	41.74	-53.51	-40.00	-13.51

Table 7-41. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant A)

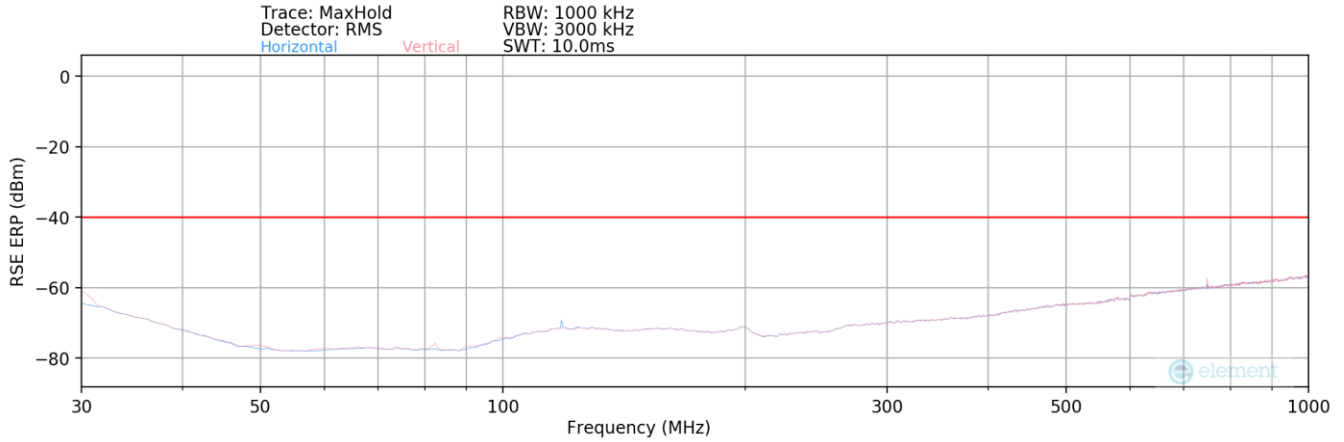
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	H	341	25	-75.84	4.56	35.72	-59.54	-40.00	-19.54
6930.00	H	-	-	-79.83	7.20	34.37	-60.89	-40.00	-20.89
9240.00	H	202	322	-77.79	8.81	38.02	-57.24	-40.00	-17.24
11550.00	H	-	-	-81.89	12.86	37.97	-57.29	-40.00	-17.29
13860.00	H	-	-	-82.41	14.47	39.06	-56.20	-40.00	-16.20
16170.00	H	-	-	-82.20	16.98	41.78	-53.47	-40.00	-13.47

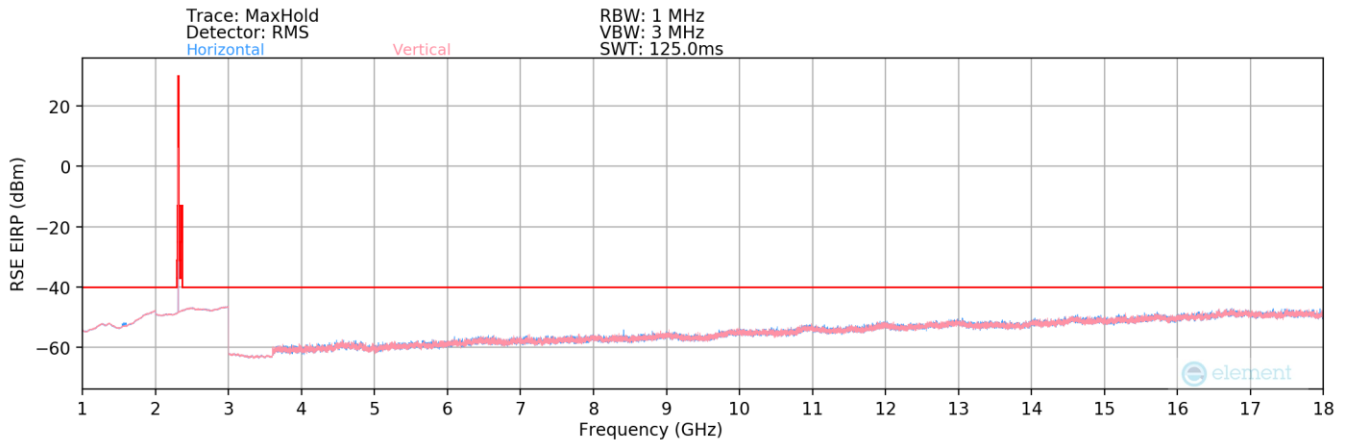
Table 7-42. Radiated Spurious Data with WCP (LTE Band 30 – Mid Channel – Ant A)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 311 of 379

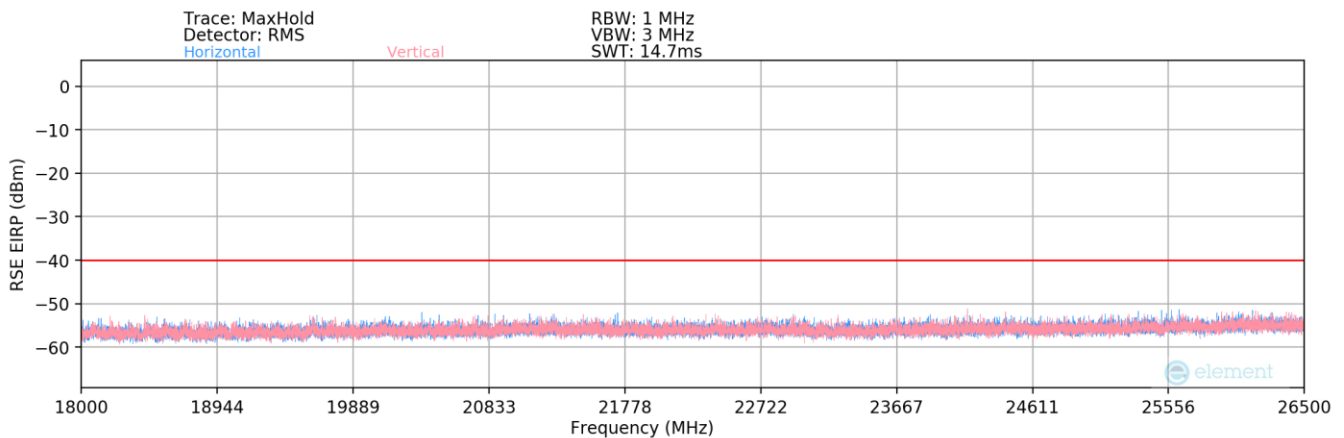
LTE Band 30 – Ant F



Plot 7-514. Radiated Spurious Plot (LTE Band 30 – Ant F)



Plot 7-515. Radiated Spurious Plot (LTE Band 30 – Ant F)



Plot 7-516. Radiated Spurious Plot (LTE Band 30 – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 312 of 379



Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
747.74	V	-	-	-99.37	32.08	39.71	-57.70	-40.00	-17.70

Table 7-43. Radiated Spurious Data Below 1GHz (LTE Band 30 – Mid Channel – Ant F)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	V	-	-	-78.46	4.43	32.97	-62.28	-40.00	-22.28
6930.00	V	141	206	-73.56	9.73	43.17	-52.09	-40.00	-12.09
9240.00	V	147	171	-79.76	12.90	40.14	-55.12	-40.00	-15.12
11550.00	V	-	-	-82.13	14.74	39.61	-55.65	-40.00	-15.65
13860.00	V	-	-	-82.59	17.46	41.87	-53.39	-40.00	-13.39
16170.00	V	-	-	-82.59	16.73	41.14	-54.11	-40.00	-14.11

Table 7-44. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant F)

Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	V	-	-	-78.49	4.43	32.94	-62.31	-40.00	-22.31
6930.00	V	-	-	-79.85	9.73	36.88	-58.38	-40.00	-18.38
9240.00	V	-	-	-80.28	12.90	39.62	-55.64	-40.00	-15.64

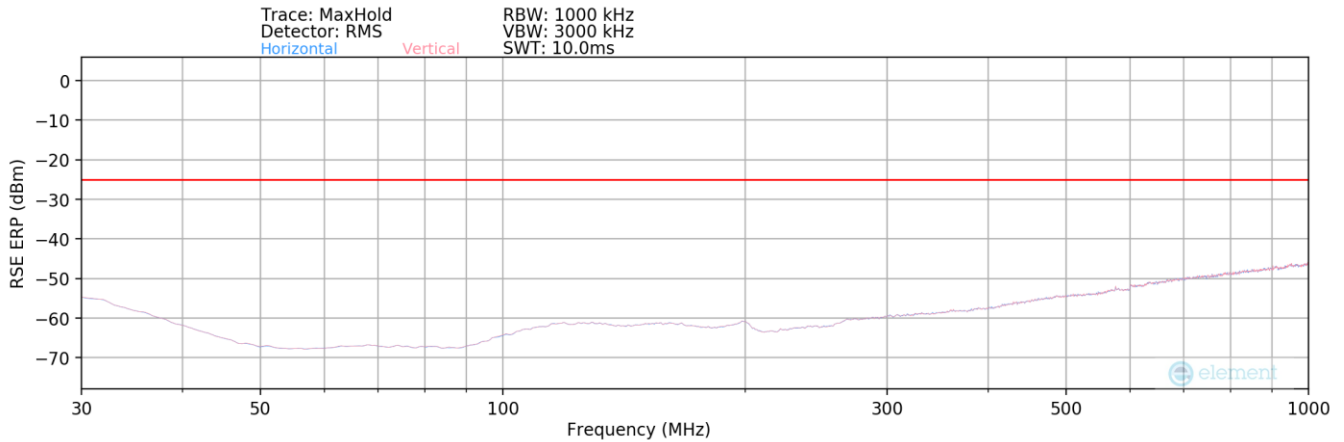
Table 7-45. Radiated Spurious Data with WCP (LTE Band 30 – Mid Channel – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 313 of 379

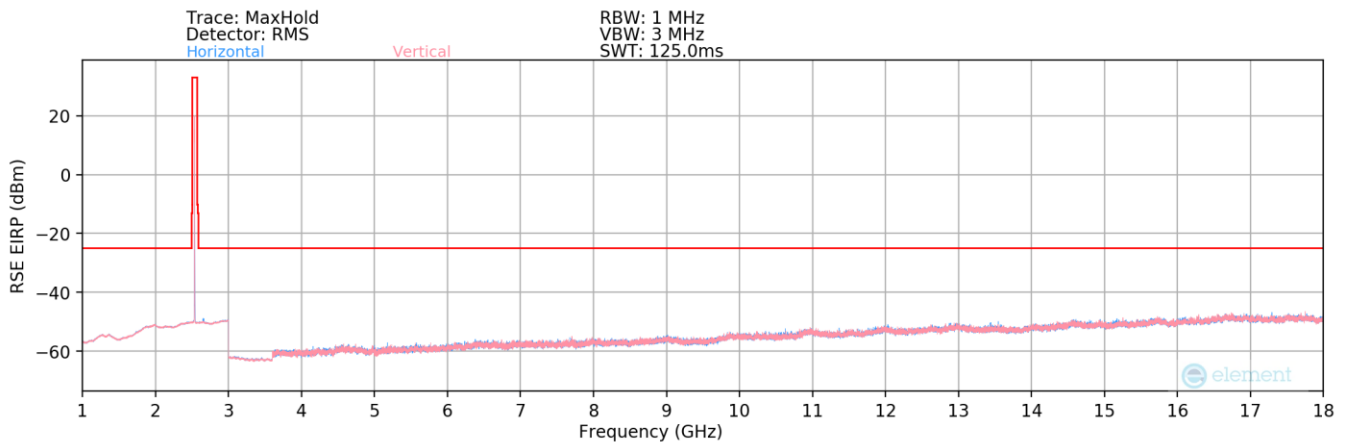
V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

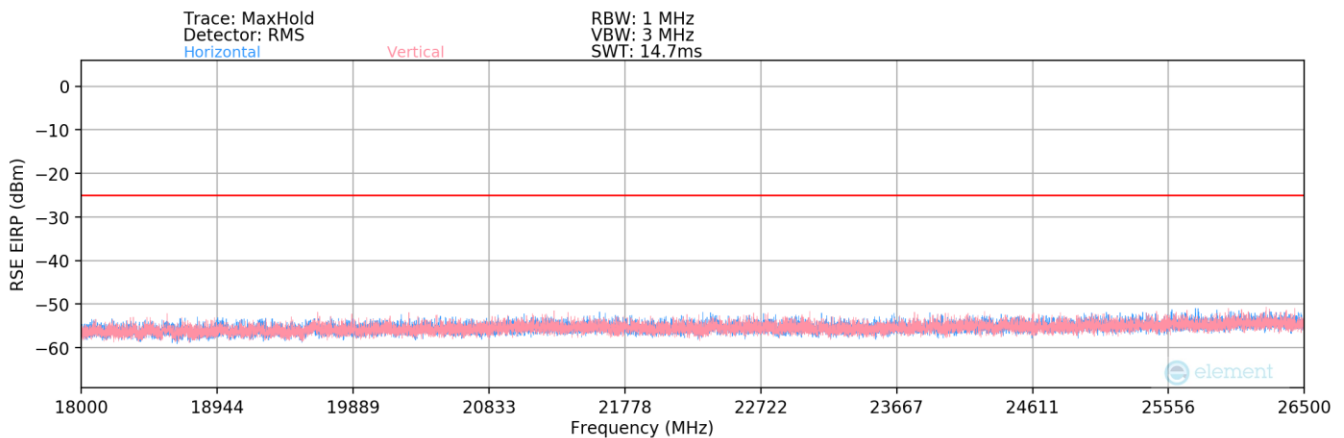
LTE Band 7 – Ant B



Plot 7-517. Radiated Spurious Plot (LTE Band 7 – Ant B)



Plot 7-518. Radiated Spurious Plot (LTE Band 7 – Ant B)



Plot 7-519. Radiated Spurious Plot (LTE Band 7 – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 314 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
990.00	H	-	-	-88.93	32.30	50.37	-47.04	-25.00	-22.04

Table 7-46. Radiated Spurious Data Below 1GHz (LTE Band 7 – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.00	H	-	-	-79.29	4.40	32.11	-63.14	-25.00	-38.14
7530.00	H	-	-	-80.12	7.59	34.47	-60.79	-25.00	-35.79
10040.00	H	-	-	-80.42	10.36	36.94	-58.32	-25.00	-33.32

Table 7-47. Radiated Spurious Data (LTE Band 7 – Low Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.00	H	270	351	-78.55	4.73	33.18	-62.08	-25.00	-37.08
7605.00	H	-	-	-80.08	8.12	35.04	-60.22	-25.00	-35.22
10140.00	H	-	-	-80.78	11.00	37.22	-58.04	-25.00	-33.04
12675.00	H	-	-	-81.68	13.89	39.21	-56.05	-25.00	-31.05

Table 7-48. Radiated Spurious Data (LTE Band 7 – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-79.36	4.82	32.46	-62.80	-25.00	-37.80
7680.00	H	-	-	-79.34	7.43	35.09	-60.17	-25.00	-35.17
10240.00	H	-	-	-81.18	11.15	36.97	-58.29	-25.00	-33.29

Table 7-49. Radiated Spurious Data (LTE Band 7 – High Channel – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 315 of 379



Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.00	H	-	-	-79.09	4.73	32.64	-62.62	-25.00	-37.62
7605.00	H	-	-	-80.13	8.12	34.99	-60.27	-25.00	-35.27
10140.00	H	-	-	-80.78	11.00	37.22	-58.04	-25.00	-33.04

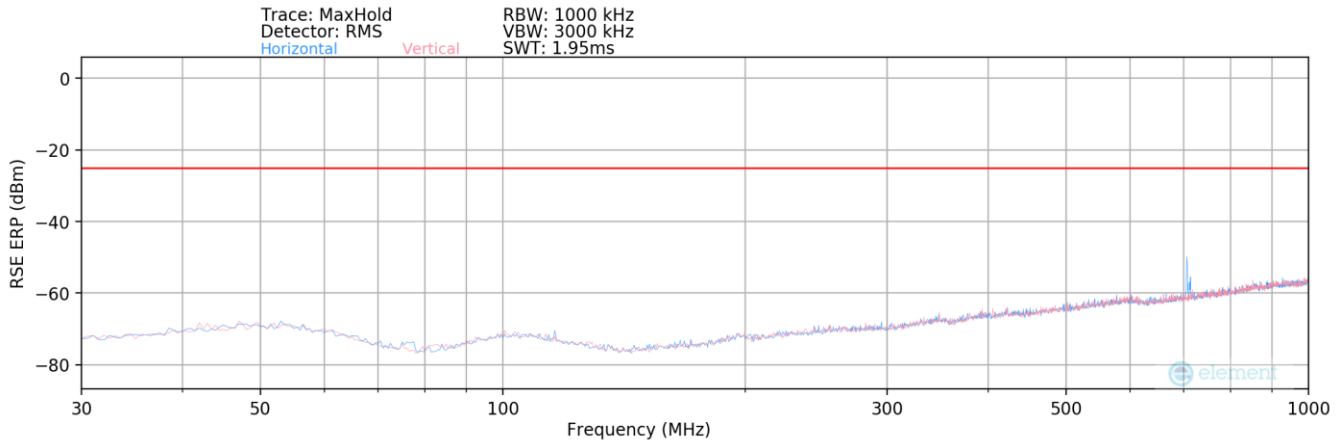
Table 7-50. Radiated Spurious Data with WCP (LTE Band 7 – Mid Channel – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 316 of 379

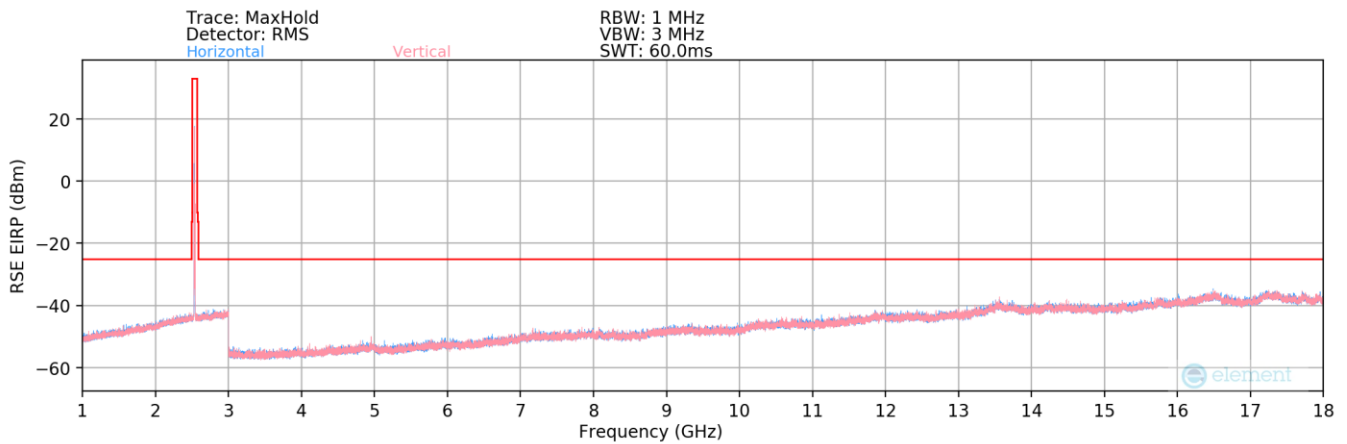
V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

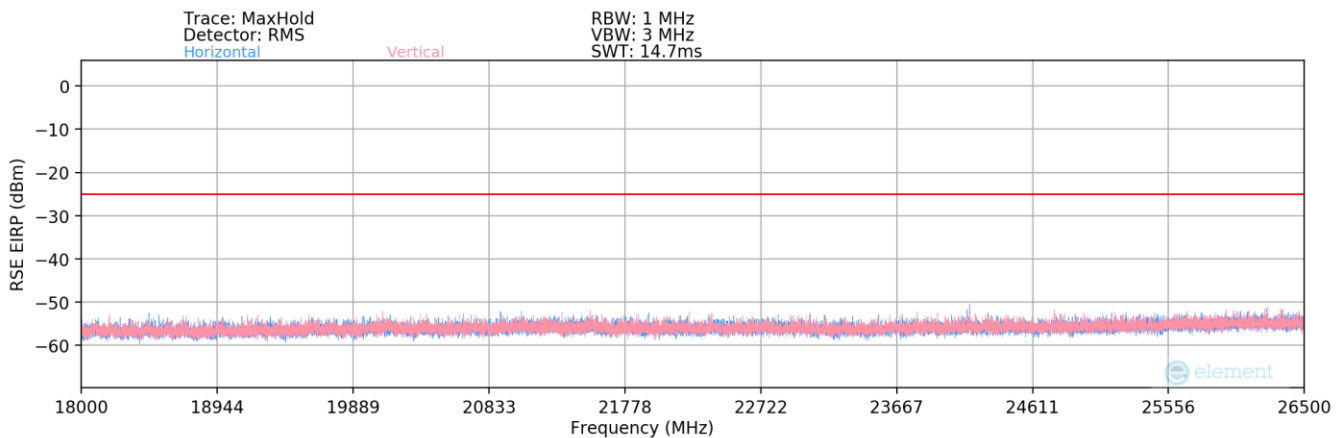
LTE Band 7 – Ant F



Plot 7-520. Radiated Spurious Plot (LTE Band 7 – Ant F)



Plot 7-521. Radiated Spurious Plot (LTE Band 7 – Ant F)



Plot 7-522. Radiated Spurious Plot (LTE Band 7 – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 317 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
707.41	H	-	-	-79.87	-9.48	17.65	-79.76	-25.00	-54.76

Table 7-51. Radiated Spurious Data Below 1GHz (LTE Band 7 – Mid Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.00	V	-	-	-80.82	10.03	36.21	-59.04	-25.00	-34.04
7530.00	V	-	-	-82.47	15.43	39.96	-55.30	-25.00	-30.30
10040.00	V	-	-	-83.90	18.88	41.98	-53.28	-25.00	-28.28

Table 7-52. Radiated Spurious Data (LTE Band 7 – Low Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.00	V	-	-	-81.05	9.86	35.81	-59.45	-25.00	-34.45
7605.00	V	-	-	-82.15	15.70	40.55	-54.71	-25.00	-29.71
10140.00	V	-	-	-83.41	18.95	42.54	-52.71	-25.00	-27.71

Table 7-53. Radiated Spurious Data (LTE Band 7 – Mid Channel – Ant F)

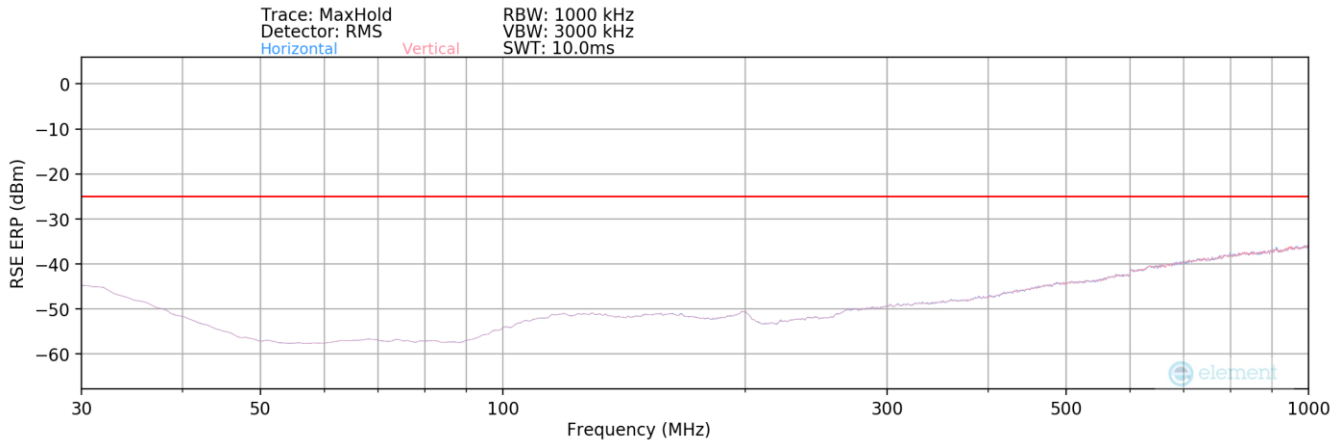
Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-81.23	10.49	36.26	-59.00	-25.00	-34.00
7680.00	V	-	-	-82.68	15.77	40.09	-55.17	-25.00	-30.17
10240.00	V	-	-	-83.52	19.73	43.21	-52.04	-25.00	-27.04

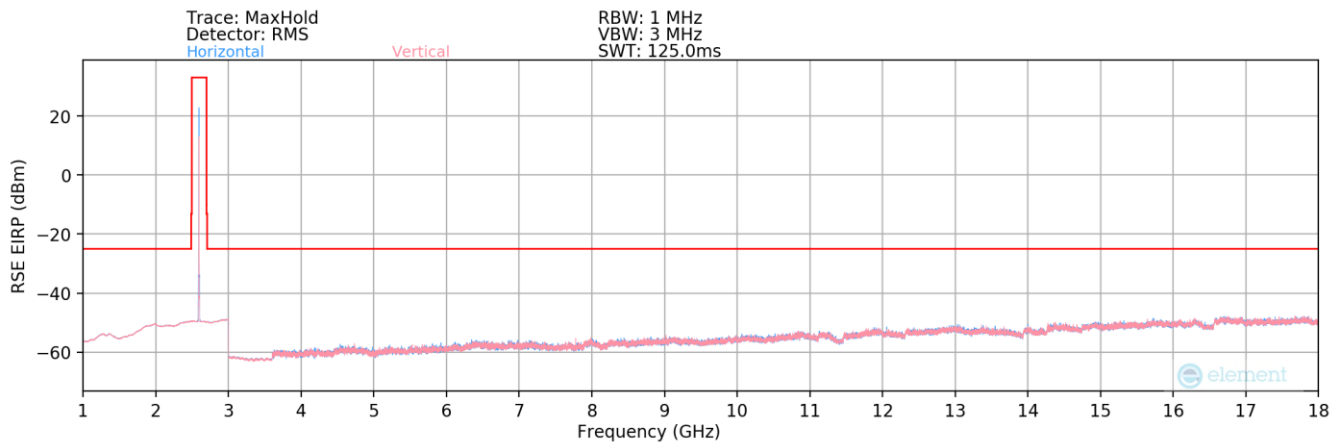
Table 7-54. Radiated Spurious Data (LTE Band 7 – High Channel – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 318 of 379

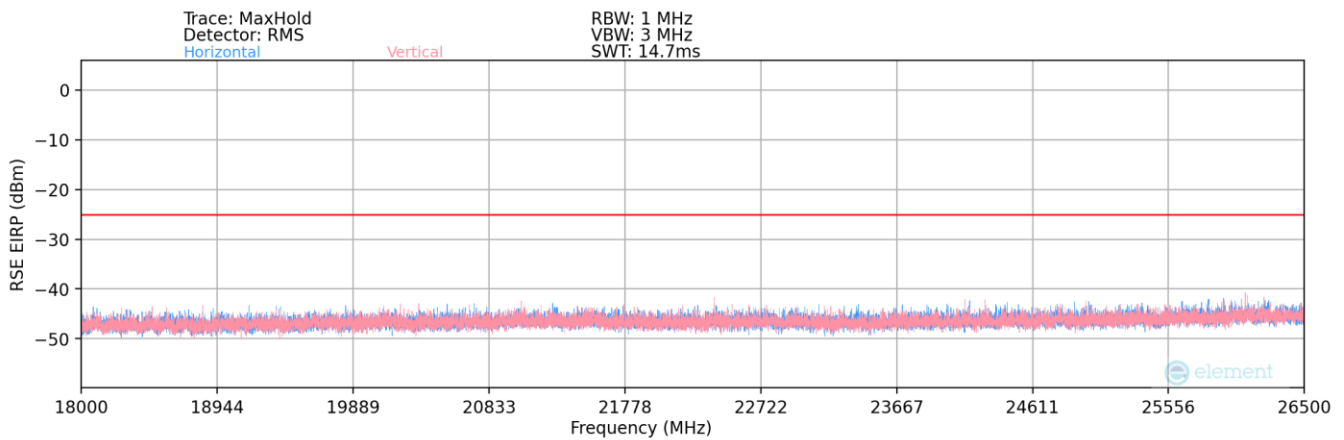
LTE Band 41(PC2) – Ant B



Plot 7-523. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)



Plot 7-524. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)



Plot 7-525. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 319 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
200.44	H	-	-	-69.28	20.14	57.86	-39.55	-25.00	-14.55

Table 7-55. Radiated Spurious Data Below 1GHz (LTE Band 41(PC2) – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.00	H	-	-	-77.15	4.36	34.21	-61.05	-25.00	-36.05
7518.00	H	271	348	-74.92	7.50	39.58	-55.68	-25.00	-30.68
10024.00	H	-	-	-78.01	10.28	39.27	-55.99	-25.00	-30.99
12530.00	H	-	-	-79.58	13.59	41.01	-54.25	-25.00	-29.25
15036.00	H	-	-	-79.60	15.29	42.69	-52.56	-25.00	-27.56

Table 7-56. Radiated Spurious Data (LTE Band 41(PC2) – Low Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	H	362	47	-75.21	5.06	36.85	-58.40	-25.00	-33.40
7779.00	H	290	323	-73.57	7.29	40.72	-54.53	-25.00	-29.53
10372.00	H	-	-	-78.76	11.01	39.25	-56.01	-25.00	-31.01
12965.00	H	-	-	-79.09	14.59	42.50	-52.76	-25.00	-27.76
15558.00	H	-	-	-79.05	15.64	43.59	-51.67	-25.00	-26.67

Table 7-57. Radiated Spurious Data (LTE Band 41(PC2) – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	H	285	303	-76.35	4.86	35.51	-59.75	-25.00	-34.75
8040.00	H	311	291	-77.35	8.14	37.79	-57.47	-25.00	-32.47
10720.00	H	-	-	-79.21	11.70	39.49	-55.77	-25.00	-30.77
13400.00	H	-	-	-79.55	13.81	41.26	-53.99	-25.00	-28.99
16080.00	H	-	-	-79.61	16.85	44.24	-51.01	-25.00	-26.01

Table 7-58. Radiated Spurious Data (LTE Band 41(PC2) – High Channel – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 320 of 379

V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	H	332	264	-75.68	5.06	36.38	-58.87	-25.00	-33.87
7779.00	H	307	313	-73.69	7.29	40.60	-54.65	-25.00	-29.65
10372.00	H	-	-	-78.98	11.01	39.03	-56.23	-25.00	-31.23
12965.00	H	-	-	-79.14	14.59	42.45	-52.81	-25.00	-27.81
15558.00	H	-	-	-79.02	15.64	43.62	-51.64	-25.00	-26.64

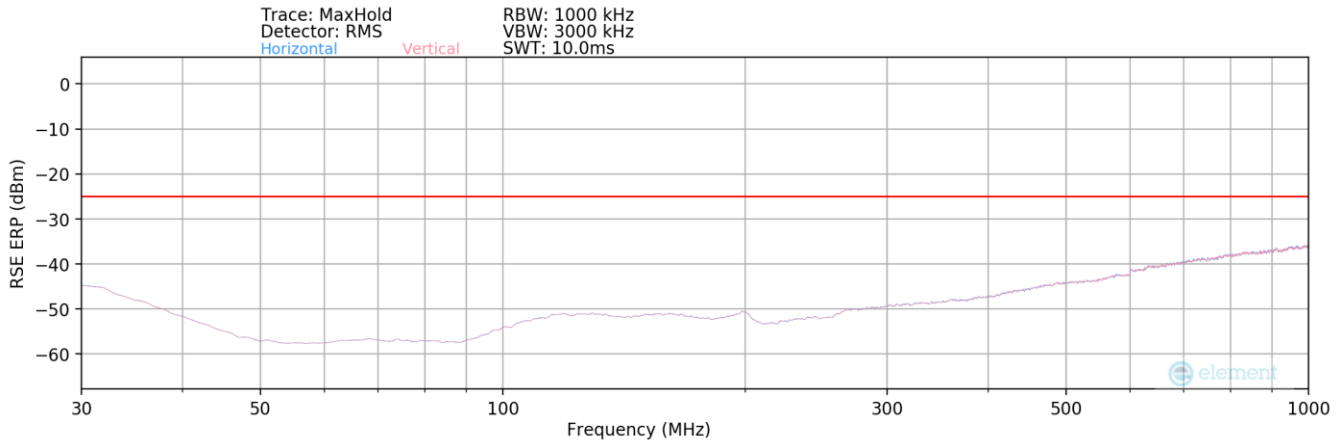
Table 7-59. Radiated Spurious Data with WCP (LTE Band 41(PC2) – Mid Channel – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 321 of 379

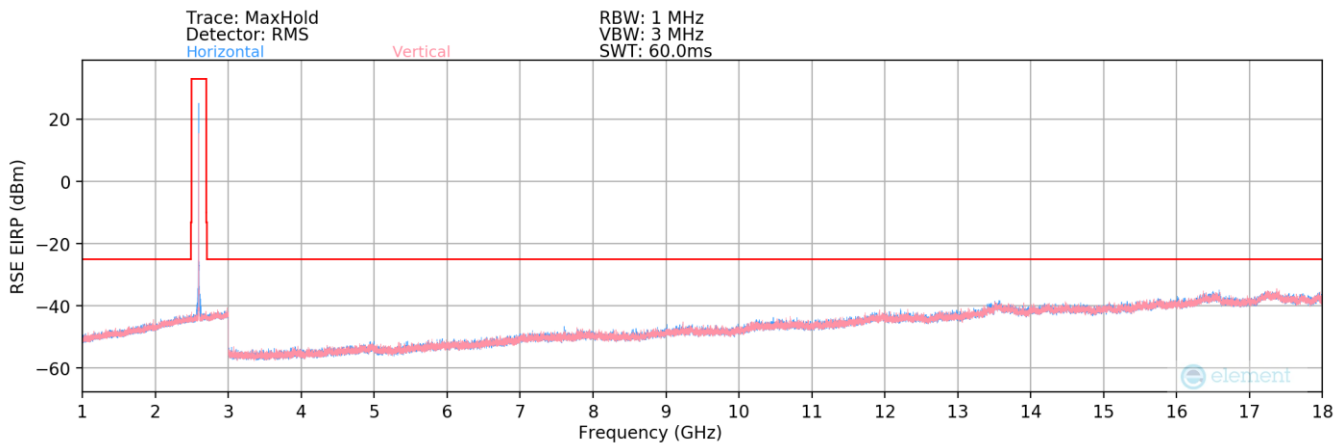
V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

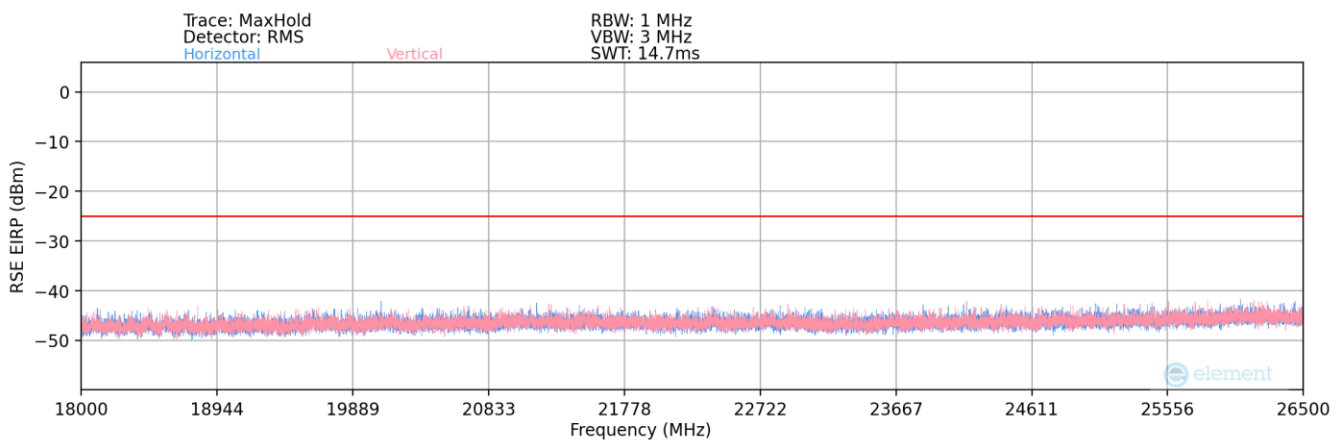
LTE Band 41(PC3)/38 – Ant B



Plot 7-526. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant B)



Plot 7-527. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant B)



Plot 7-528. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 322 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
200.00	H	-	-	-69.53	20.30	57.77	-39.64	-25.00	-14.64

Table 7-60. Radiated Spurious Data Below 1GHz (LTE Band 41(PC3)/38 – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.00	H	155	306	-71.42	4.36	39.94	-55.32	-25.00	-30.32
7518.00	H	371	265	-77.97	7.50	36.53	-58.73	-25.00	-33.73
10024.00	H	-	-	-77.43	10.28	39.85	-55.41	-25.00	-30.41
12530.00	H	-	-	-78.78	13.59	41.81	-53.45	-25.00	-28.45
15036.00	H	-	-	-79.52	15.29	42.77	-52.48	-25.00	-27.48

Table 7-61. Radiated Spurious Data (LTE Band 41(PC3)/38 – Low Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	H	328	38	-75.85	5.06	36.21	-59.04	-25.00	-34.04
7779.00	H	396	17	-70.76	7.29	43.53	-51.72	-25.00	-26.72
10372.00	H	-	-	-79.67	11.01	38.34	-56.92	-25.00	-31.92
12965.00	H	-	-	-79.63	14.59	41.96	-53.30	-25.00	-28.30
15558.00	H	-	-	-79.55	15.64	43.09	-52.17	-25.00	-27.17

Table 7-62. Radiated Spurious Data (LTE Band 41(PC3)/38 – Mid Channel – Ant B)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	H	124	27	-74.29	4.86	37.57	-57.69	-25.00	-32.69
8040.00	H	-	-	-77.99	8.14	37.15	-58.11	-25.00	-33.11
10720.00	H	-	-	-79.13	11.70	39.57	-55.69	-25.00	-30.69
13400.00	H	-	-	-80.01	13.81	40.80	-54.45	-25.00	-29.45
16080.00	H	-	-	-79.82	16.85	44.03	-51.22	-25.00	-26.22

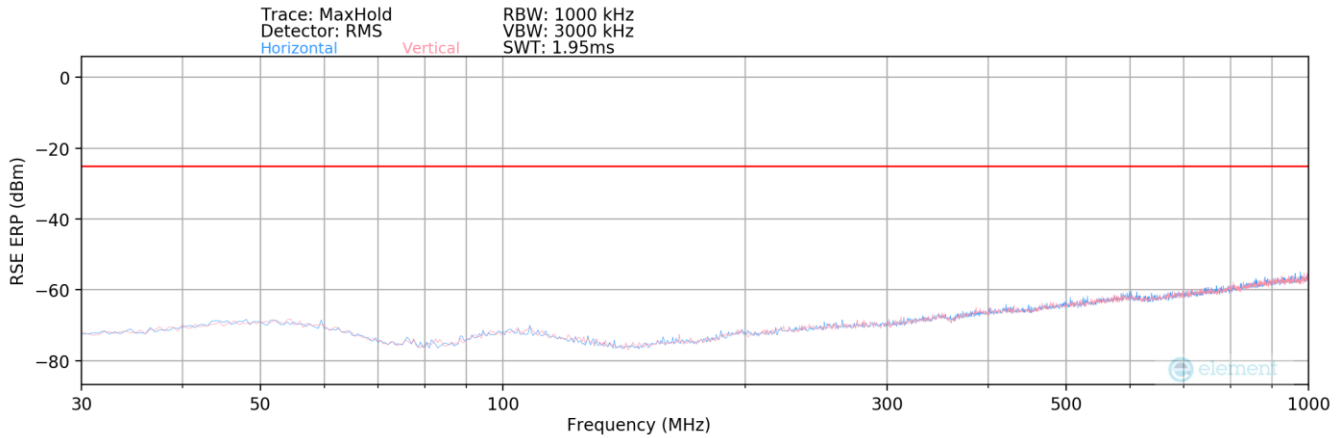
Table 7-63. Radiated Spurious Data (LTE Band 41(PC3)/38 – High Channel – Ant B)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 323 of 379

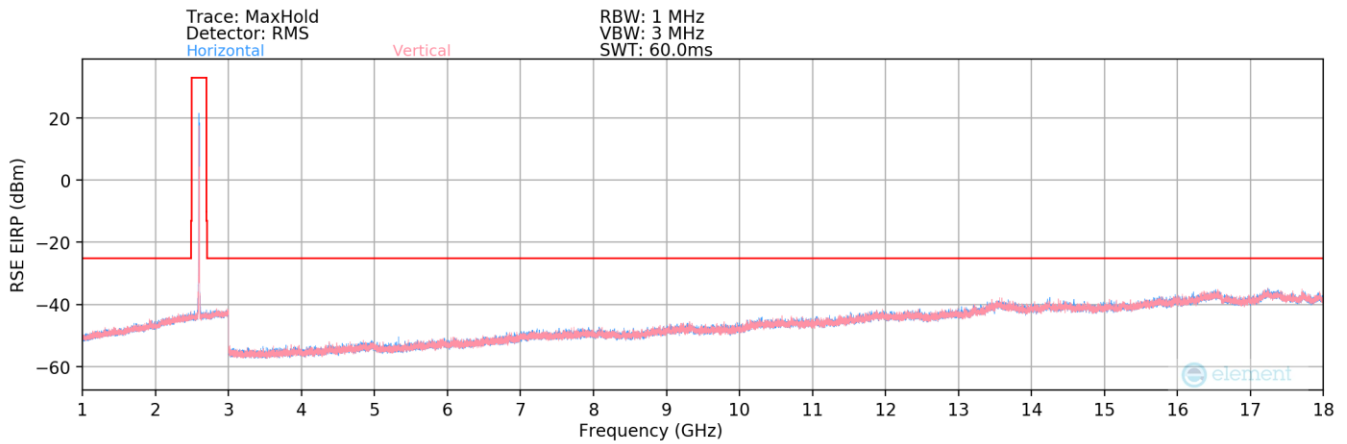
V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

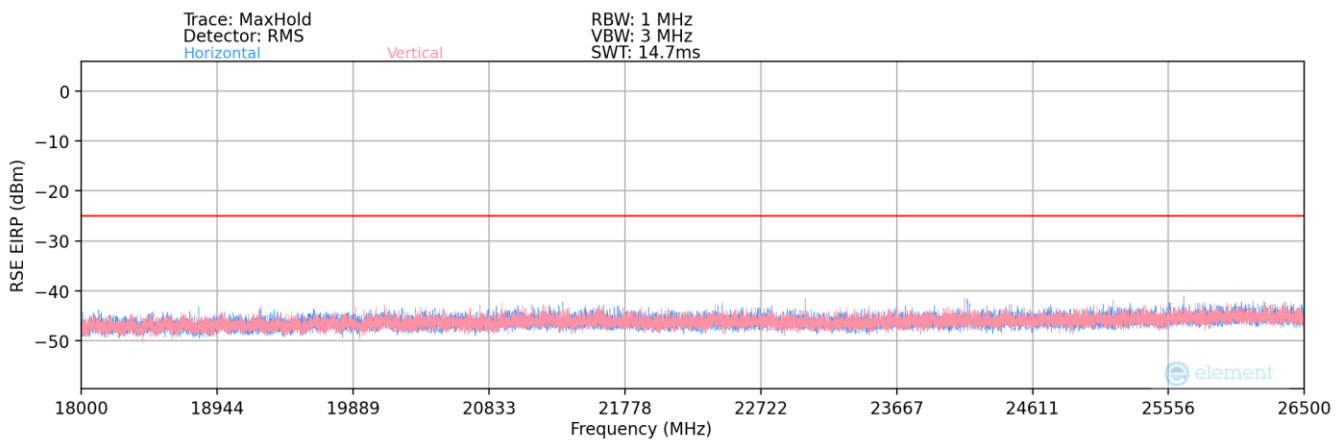
LTE Band 41(PC2) – Ant F



Plot 7-529. Radiated Spurious Plot (LTE Band 41(PC2) – Ant F)



Plot 7-530. Radiated Spurious Plot (LTE Band 41(PC2) – Ant F)



Plot 7-531. Radiated Spurious Plot (LTE Band 41(PC2) – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 324 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
100.00	V	-	-	-69.65	-16.75	20.60	-76.80	-25.00	-51.80

Table 7-64. Radiated Spurious Data Below 1GHz (LTE Band 41(PC2) – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.00	V	-	-	-72.26	10.03	44.77	-50.48	-25.00	-25.48
7518.00	V	-	-	-73.57	15.43	48.86	-46.40	-25.00	-21.40
10024.00	V	-	-	-74.71	18.88	51.17	-44.09	-25.00	-19.09

Table 7-65. Radiated Spurious Data (LTE Band 41(PC2) – Low Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	V	-	-	-70.94	10.42	46.48	-48.78	-25.00	-23.78
7779.00	V	-	-	-72.57	15.58	50.01	-45.24	-25.00	-20.24
10372.00	V	-	-	-74.50	19.64	52.14	-43.12	-25.00	-18.12

Table 7-66. Radiated Spurious Data (LTE Band 41(PC2) – Mid Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	V	-	-	-72.36	10.69	45.33	-49.93	-25.00	-24.93
8040.00	V	-	-	-74.44	16.05	48.61	-46.64	-25.00	-21.64
10720.00	V	-	-	-74.69	20.31	52.62	-42.64	-25.00	-17.64

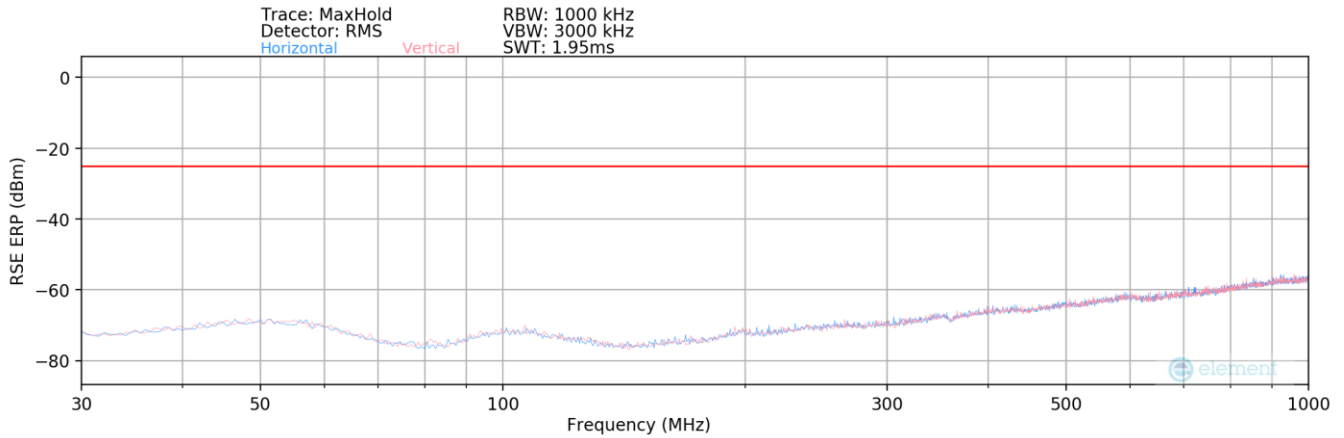
Table 7-67. Radiated Spurious Data (LTE Band 41(PC2) – High Channel – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 325 of 379

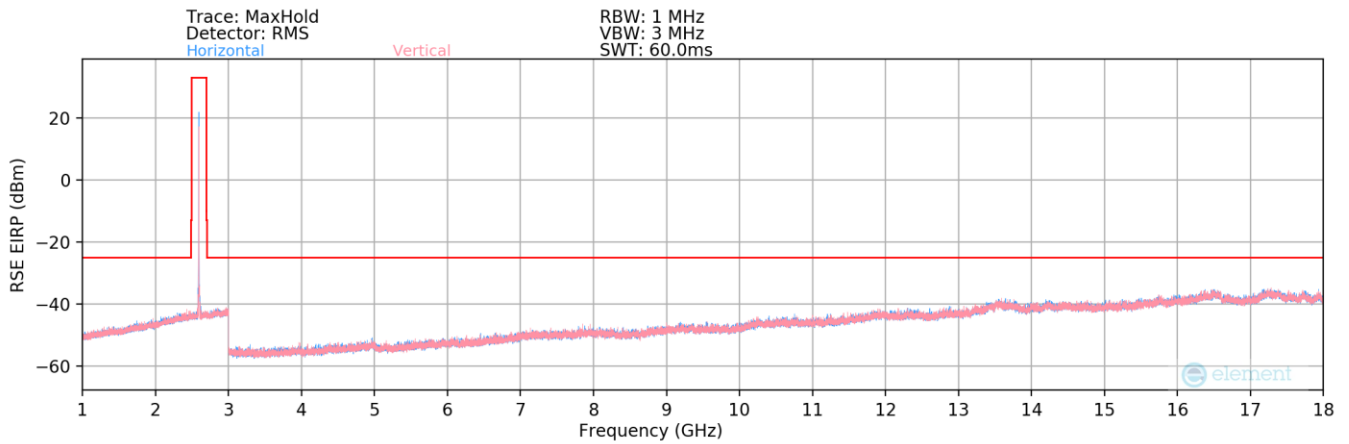
V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

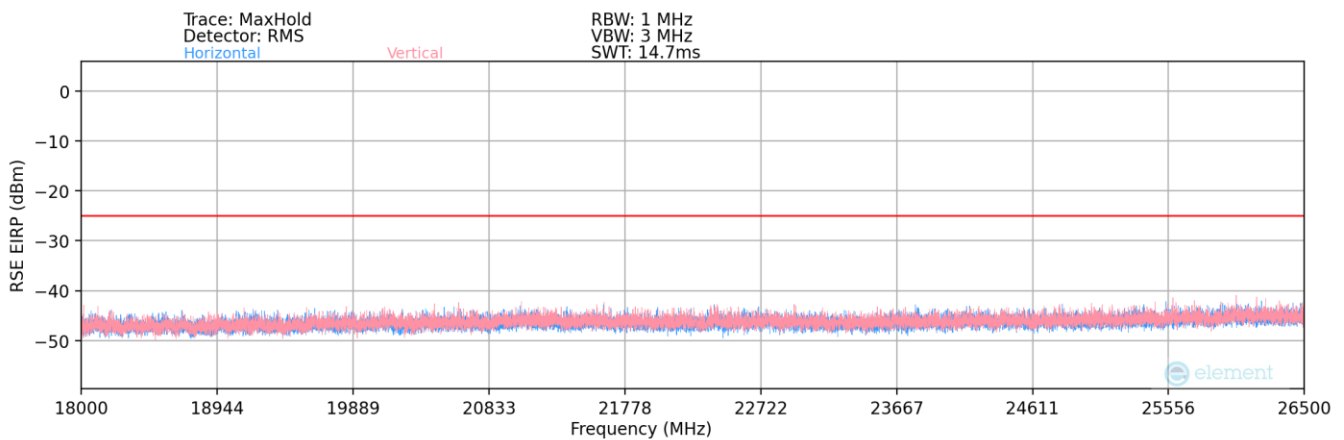
LTE Band 41(PC3)/38 – Ant F



Plot 7-532. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant F)



Plot 7-533. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant F)



Plot 7-534. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 326 of 379



Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
500.00	V	-	-	-70.18	-9.86	26.96	-70.45	-25.00	-45.45

Table 7-68. Radiated Spurious Data Below 1GHz (LTE Band 41(PC3)/38 – Mid Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.00	V	-	-	-72.36	10.21	44.85	-50.41	-25.00	-25.41
7518.00	V	-	-	-73.33	15.54	49.21	-46.04	-25.00	-21.04
10024.00	V	-	-	-74.96	18.74	50.78	-44.48	-25.00	-19.48

Table 7-69. Radiated Spurious Data (LTE Band 41(PC3)/38 – Low Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	V	-	-	-72.69	10.42	44.73	-50.53	-25.00	-25.53
7779.00	V	-	-	-73.78	15.58	48.80	-46.45	-25.00	-21.45
10372.00	V	-	-	-74.99	19.64	51.65	-43.61	-25.00	-18.61

Table 7-70. Radiated Spurious Data (LTE Band 41(PC3)/38 – Mid Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	V	-	-	-72.13	10.69	45.56	-49.70	-25.00	-24.70
8040.00	V	-	-	-73.41	16.05	49.64	-45.61	-25.00	-20.61
10720.00	V	-	-	-75.15	20.31	52.16	-43.10	-25.00	-18.10

Table 7-71. Radiated Spurious Data (LTE Band 41(PC3)/38 – High Channel – Ant F)

FCC ID: A3LSMS916U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010097-04.A3L	Test Dates: 09/02/2022 - 11/20/2022	EUT Type: Portable Handset	Page 327 of 379

V11.0 9/14/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.