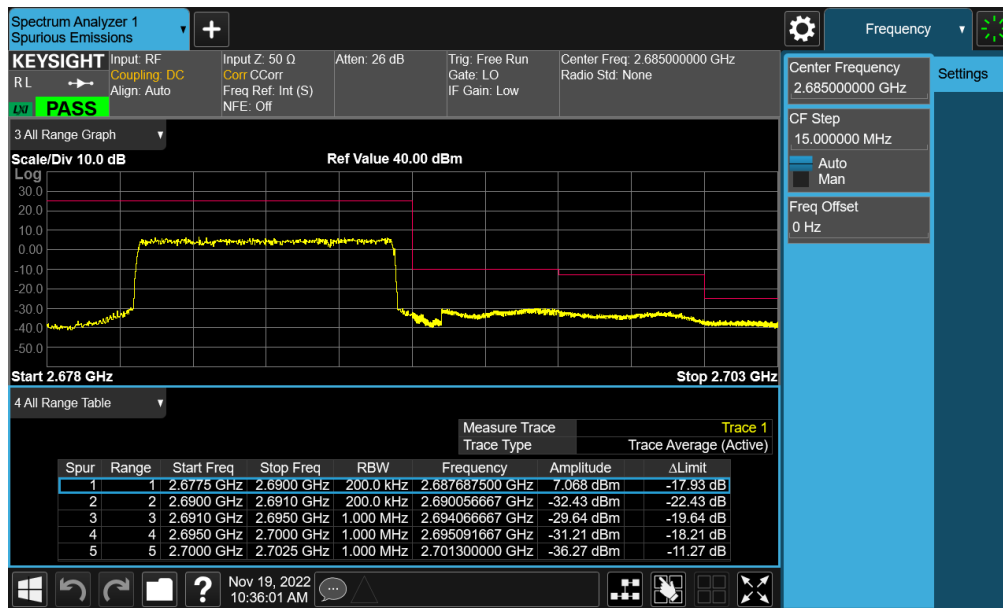


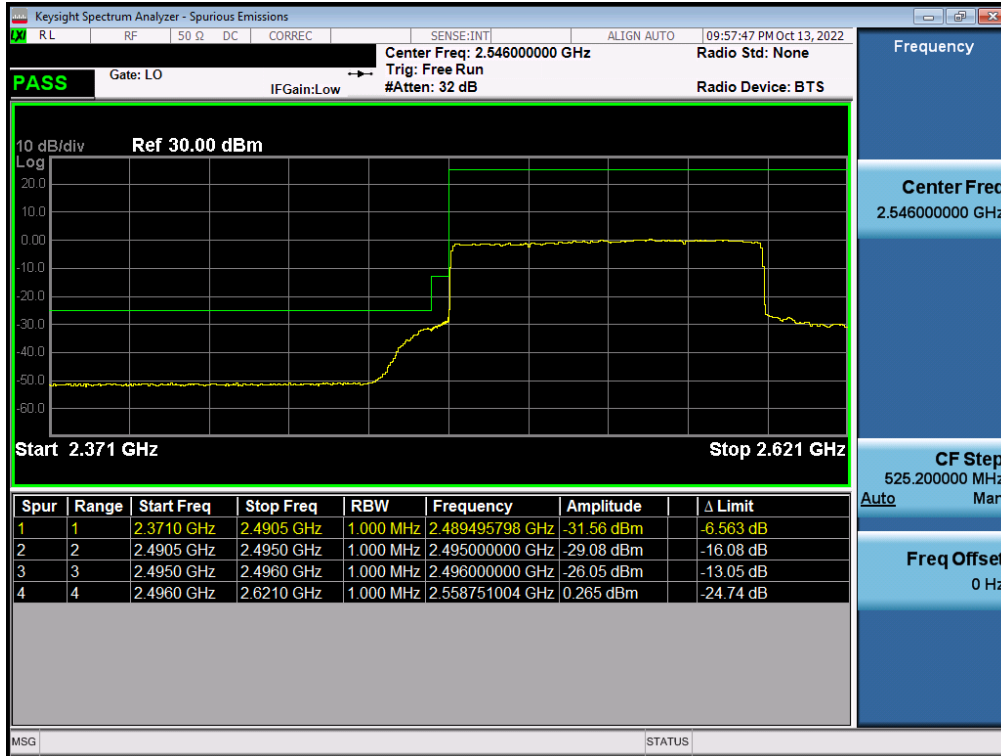
Plot 7-510. Lower ACP Plot (NR Band n41 - 10MHz CP-OFDM-QPSK – Full RB - Ant F)



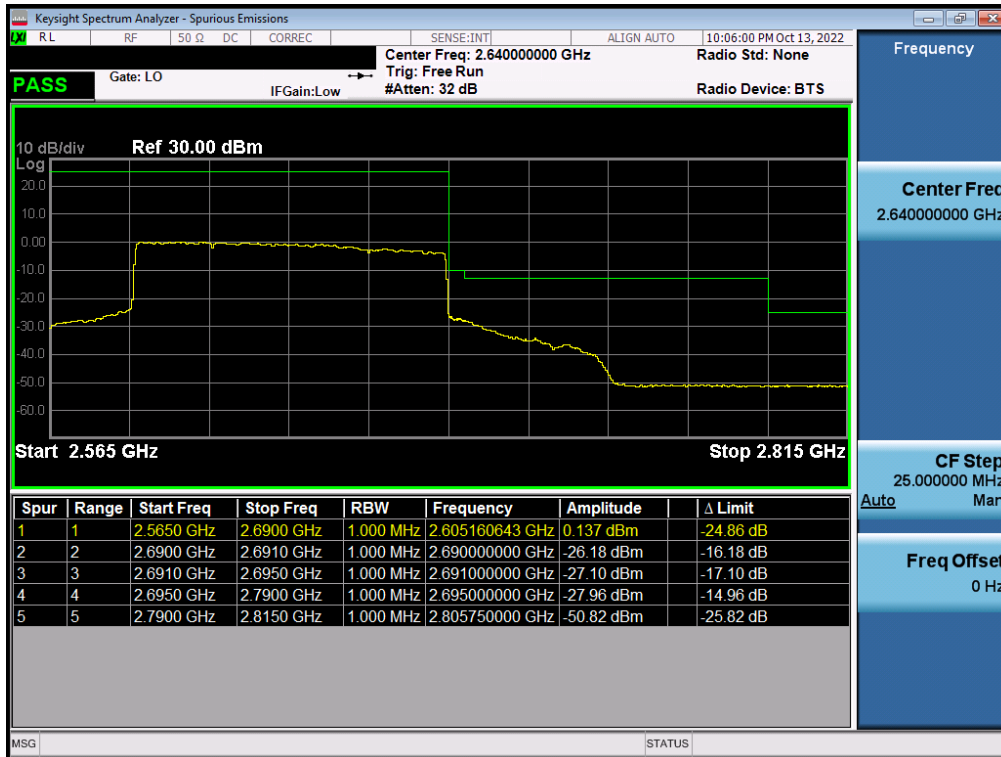
Plot 7-511. Upper ACP Plot (NR Band n41 - 10MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Ant B



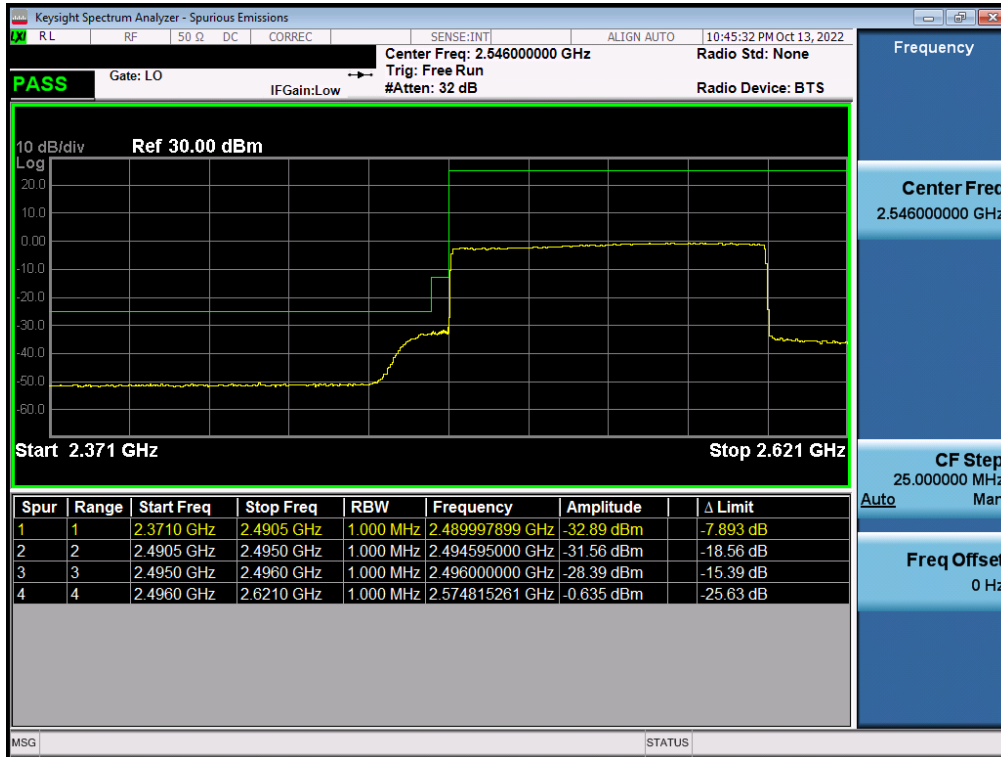
Plot 7-512. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant B)



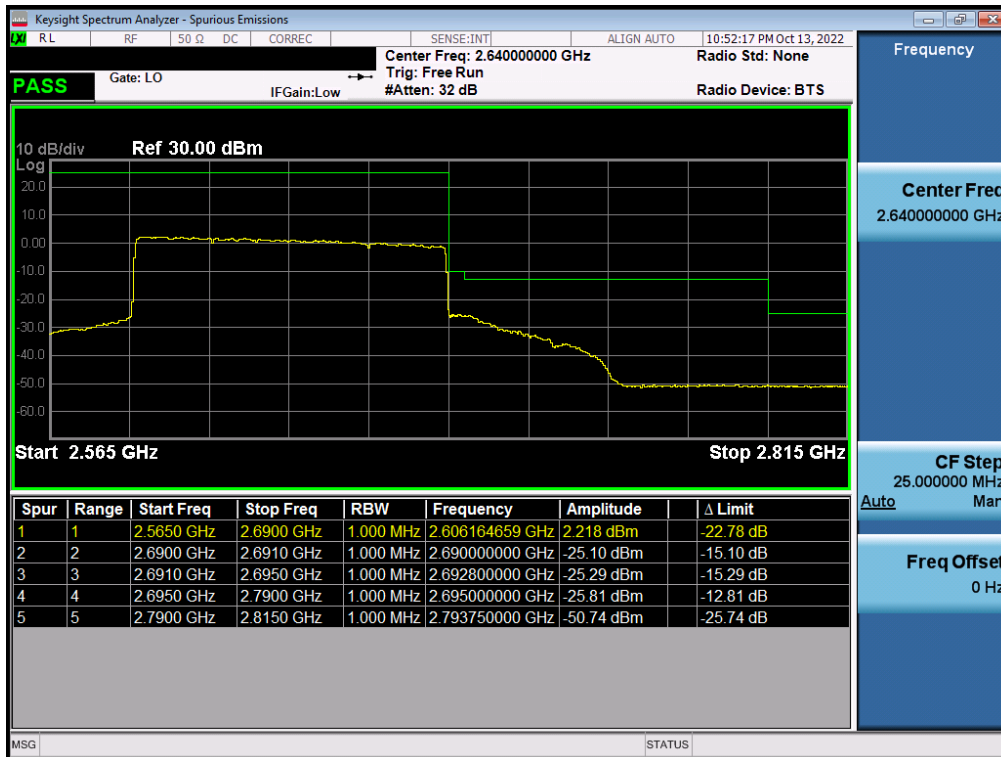
Plot 7-513. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – ANT E



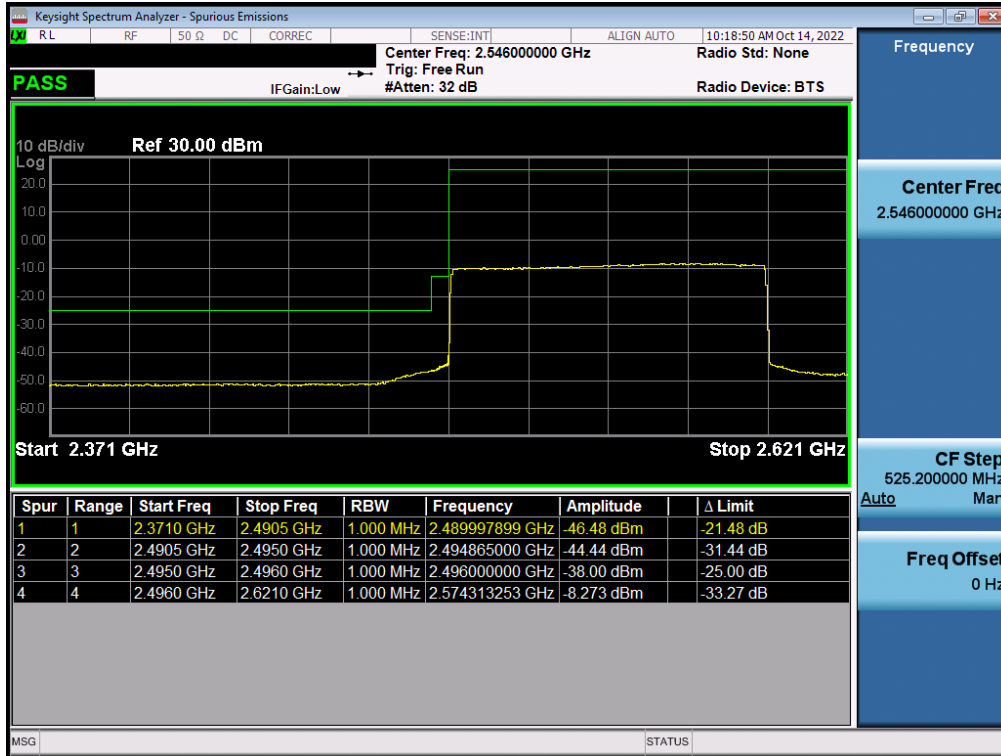
Plot 7-514. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT E)



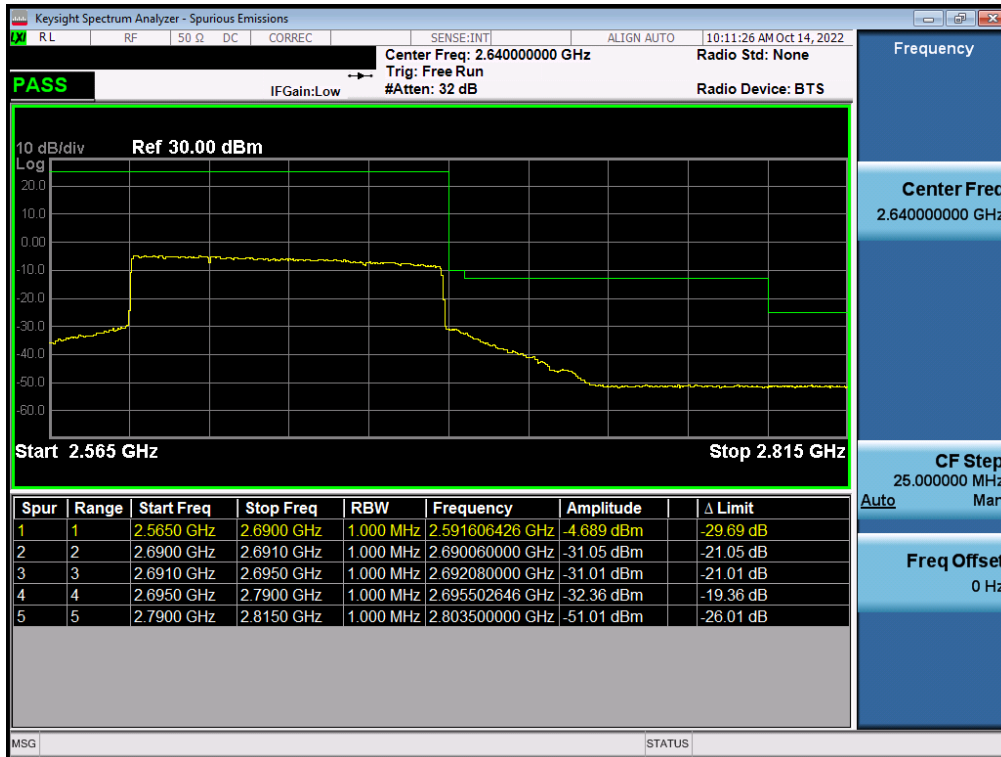
Plot 7-515. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT E)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – ANT D



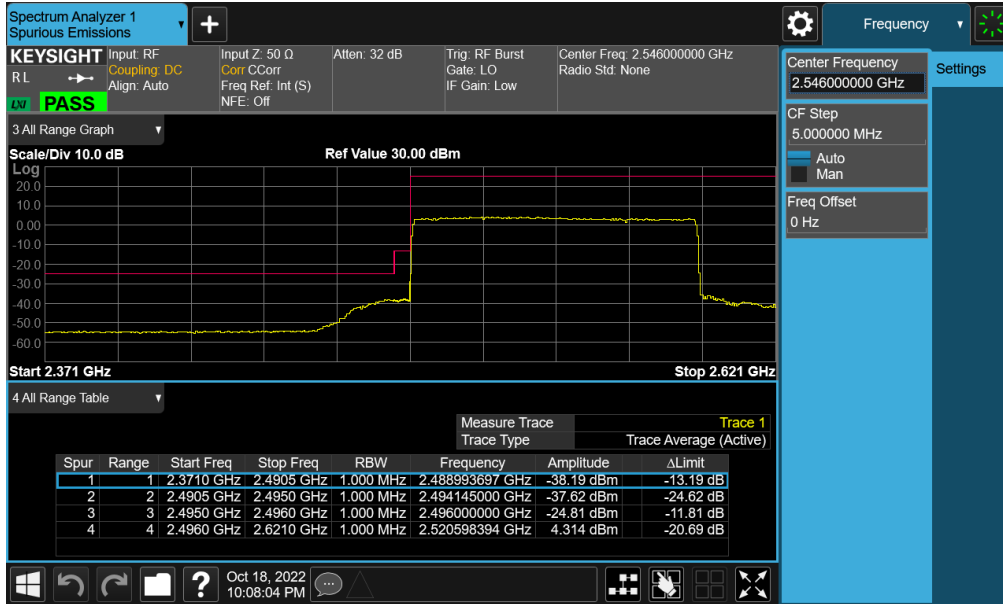
Plot 7-516. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT D)



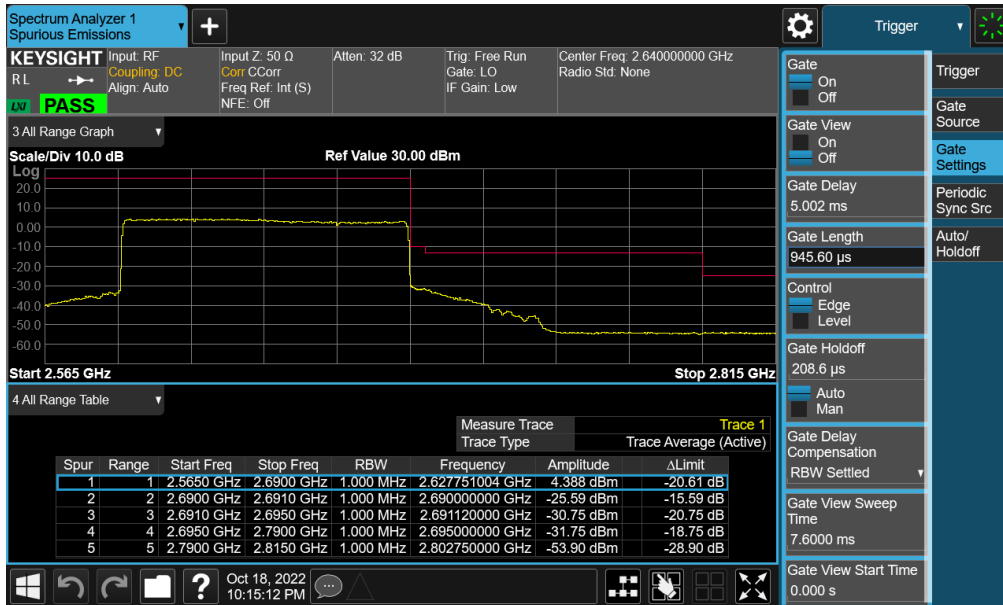
Plot 7-517. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT D)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Switching ANT B

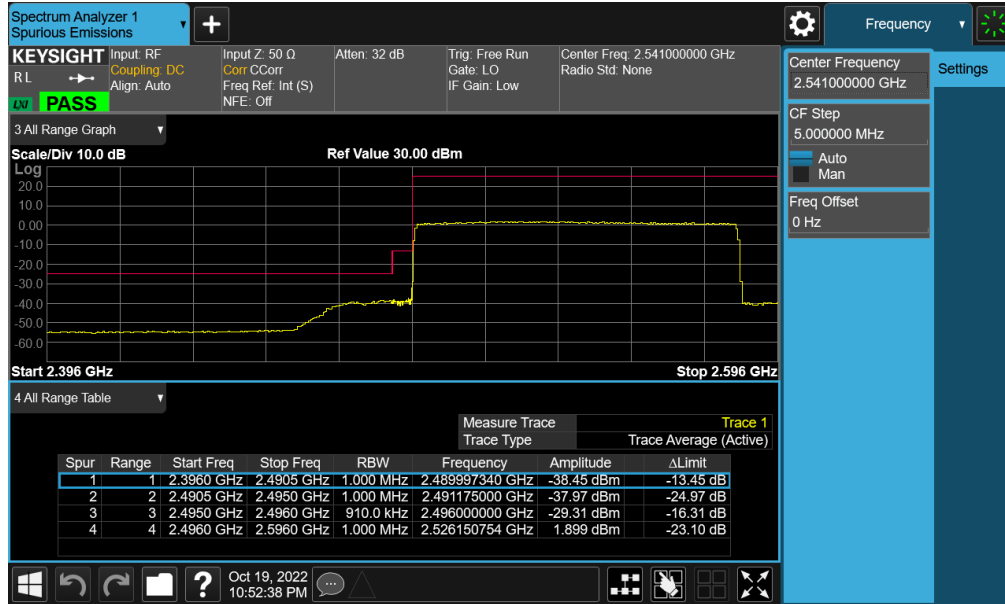


Plot 7-518. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT B)

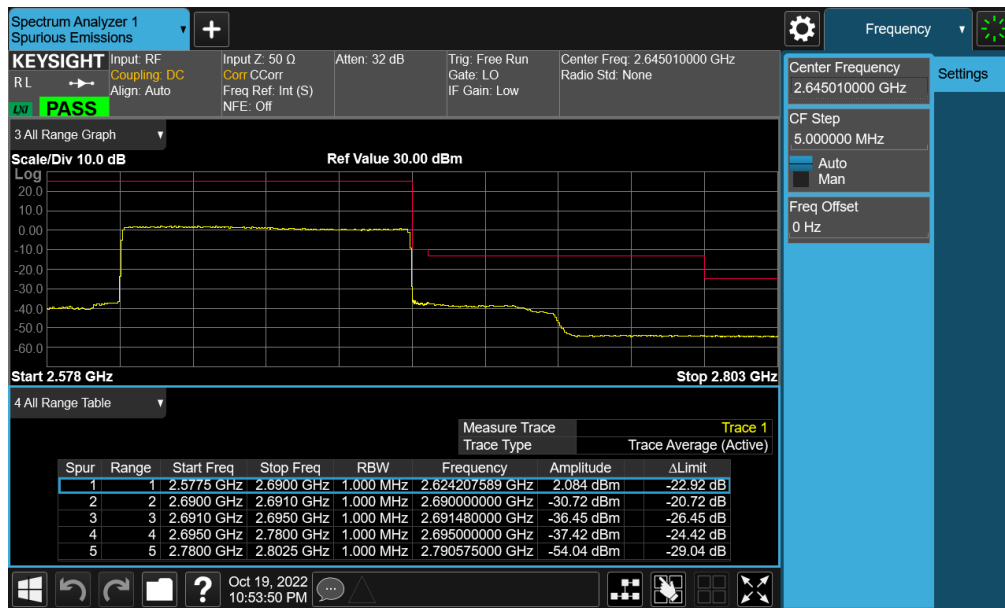


Plot 7-519. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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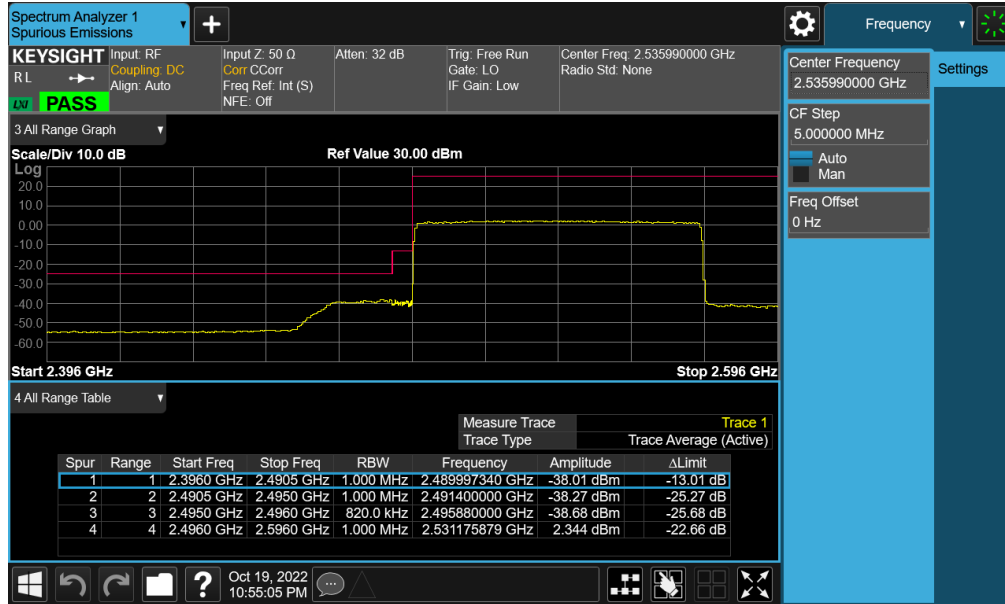


Plot 7-520. Lower ACP Plot (NR Band n41 - 90MHz CP-OFDM-QPSK – Full RB - ANT B)

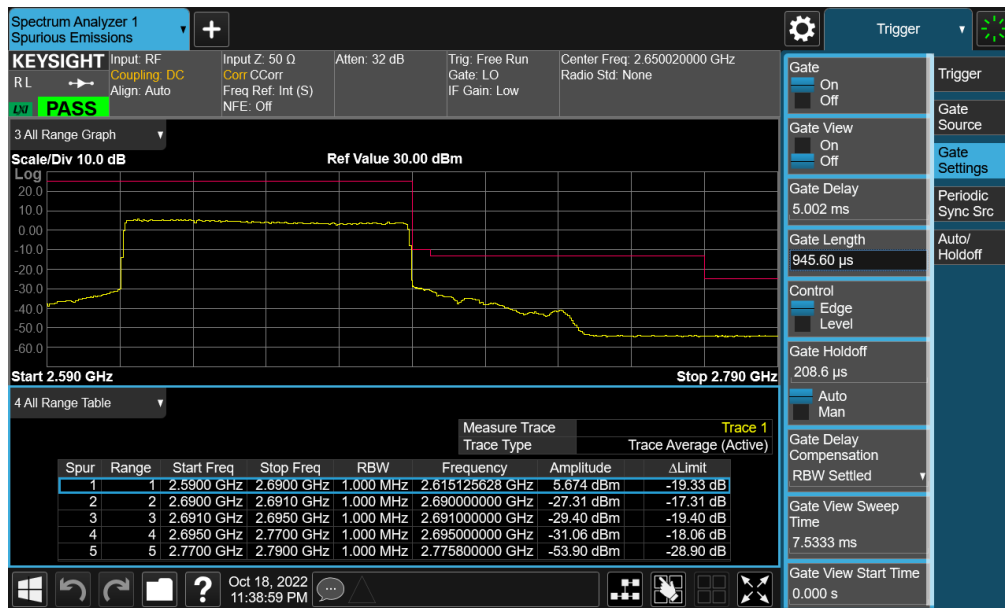


Plot 7-521. Upper ACP Plot (NR Band n41 - 90MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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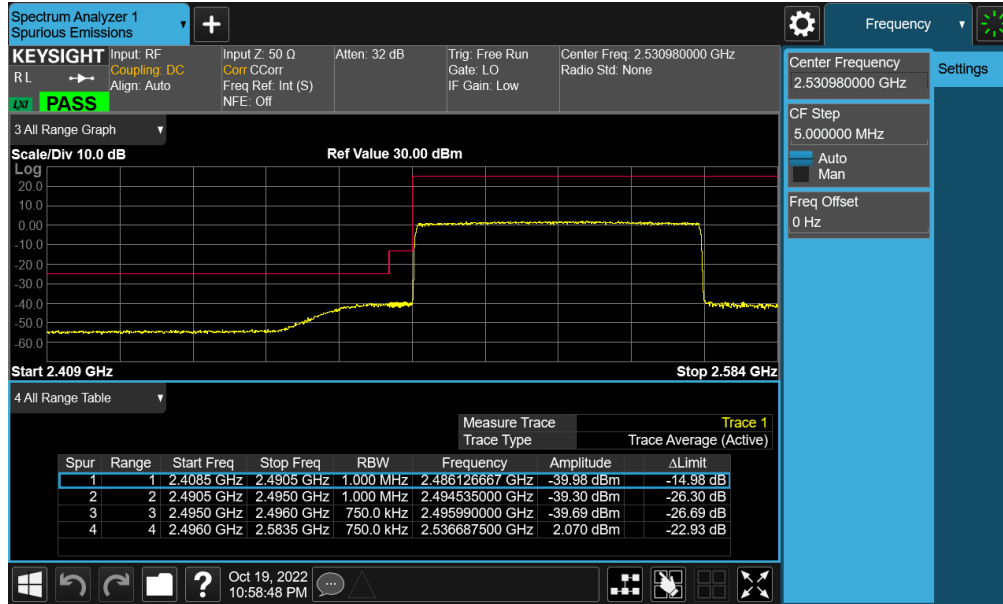


Plot 7-522. Lower ACP Plot (NR Band n41 - 80MHz CP-OFDM-QPSK – Full RB - ANT B)



Plot 7-523. Upper ACP Plot (NR Band n41 - 80MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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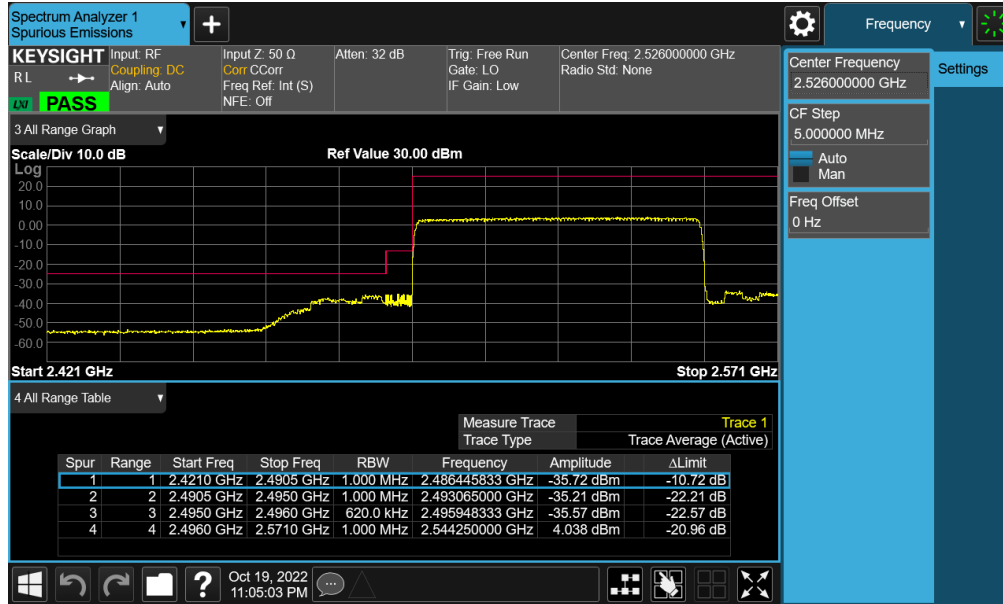


Plot 7-524. Lower ACP Plot (NR Band n41 - 70MHz CP-OFDM-QPSK – Full RB - ANT B)

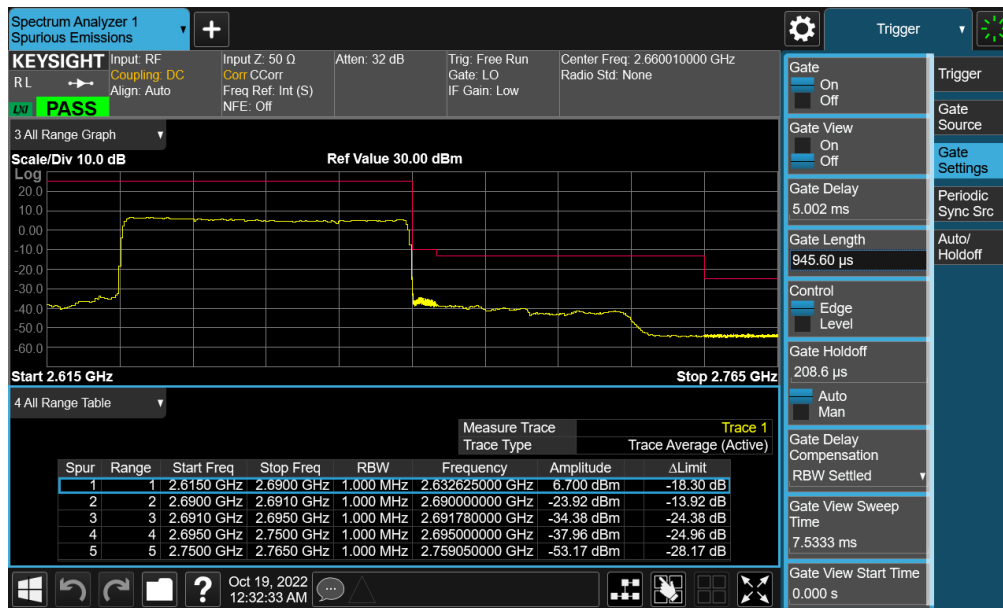


Plot 7-525. Upper ACP Plot (NR Band n41 - 70MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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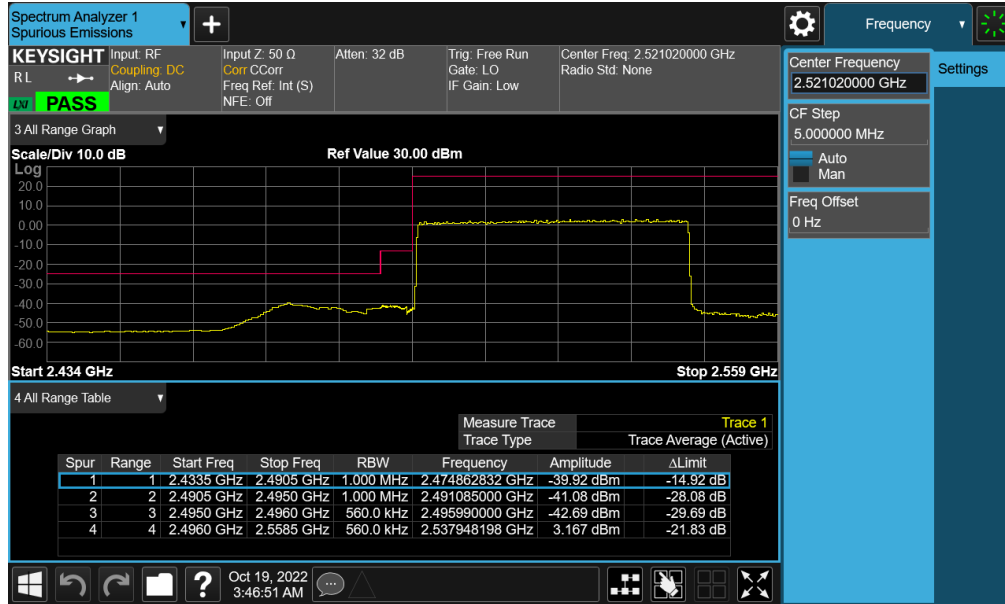


Plot 7-526. Lower ACP Plot (NR Band n41 - 60MHz CP-OFDM-QPSK – Full RB - ANT B)

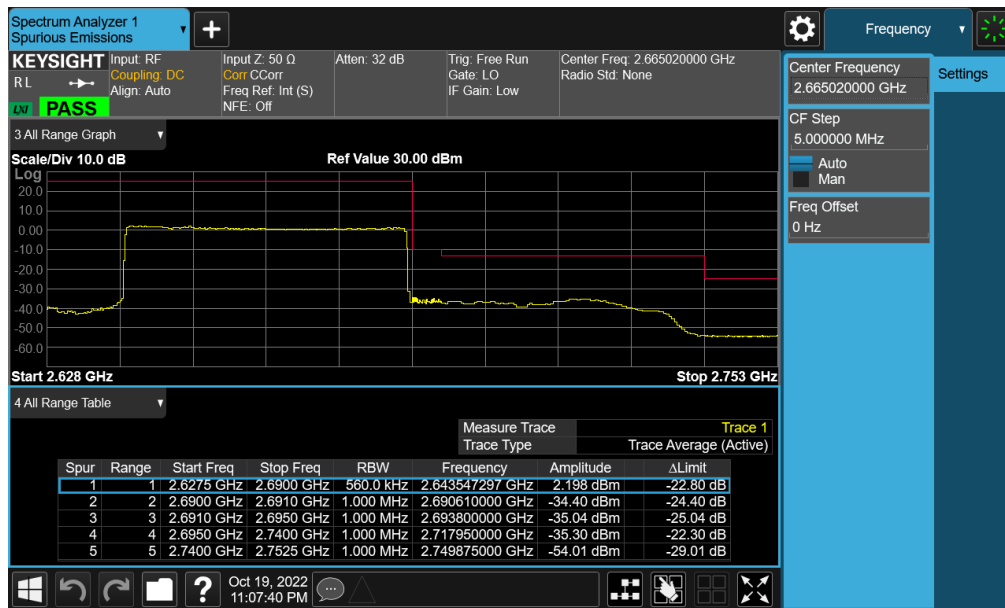


Plot 7-527. Upper ACP Plot (NR Band n41 - 60MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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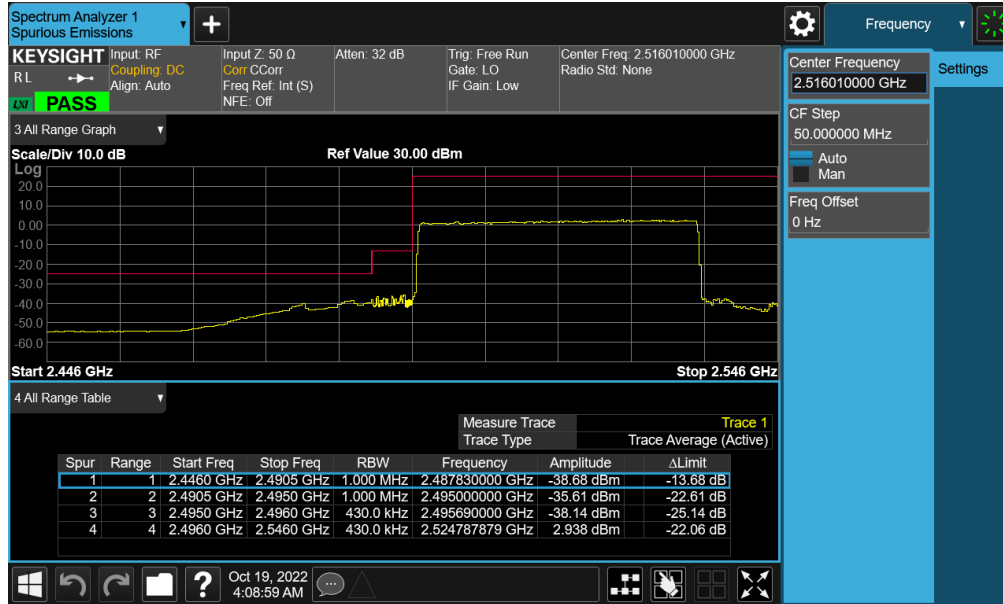


Plot 7-528. Lower ACP Plot (NR Band n41 - 50MHz CP-OFDM-QPSK – Full RB - ANT B)

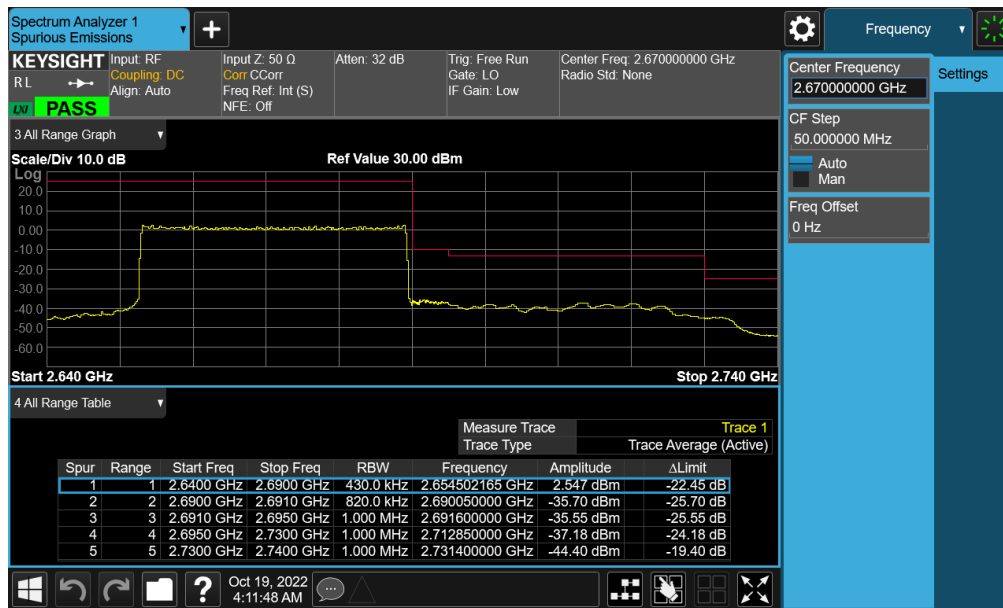


Plot 7-529. Upper ACP Plot (NR Band n41 - 50MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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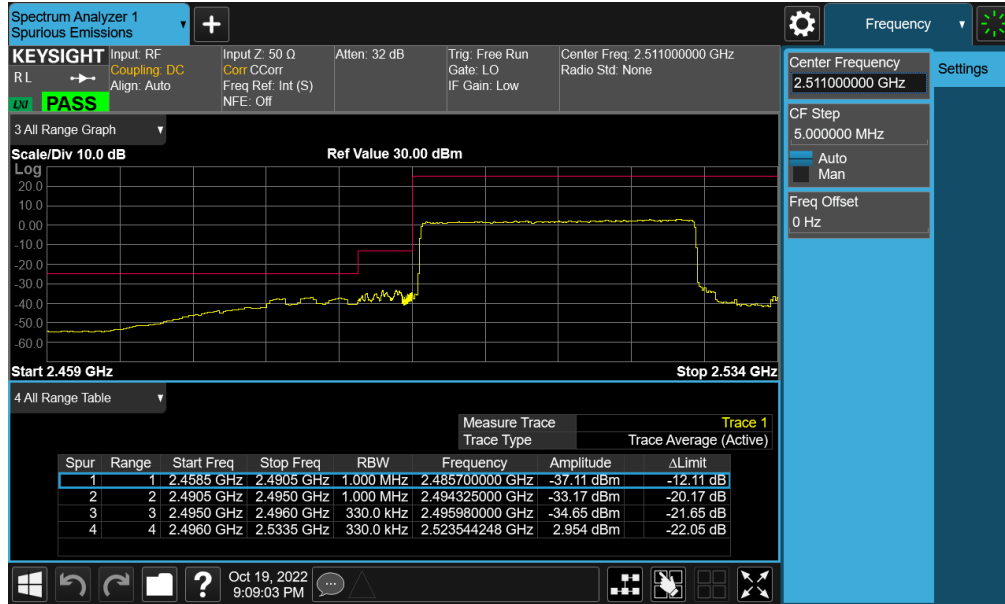


Plot 7-530. Lower ACP Plot (NR Band n41 - 40MHz CP-OFDM-QPSK – Full RB - ANT B)

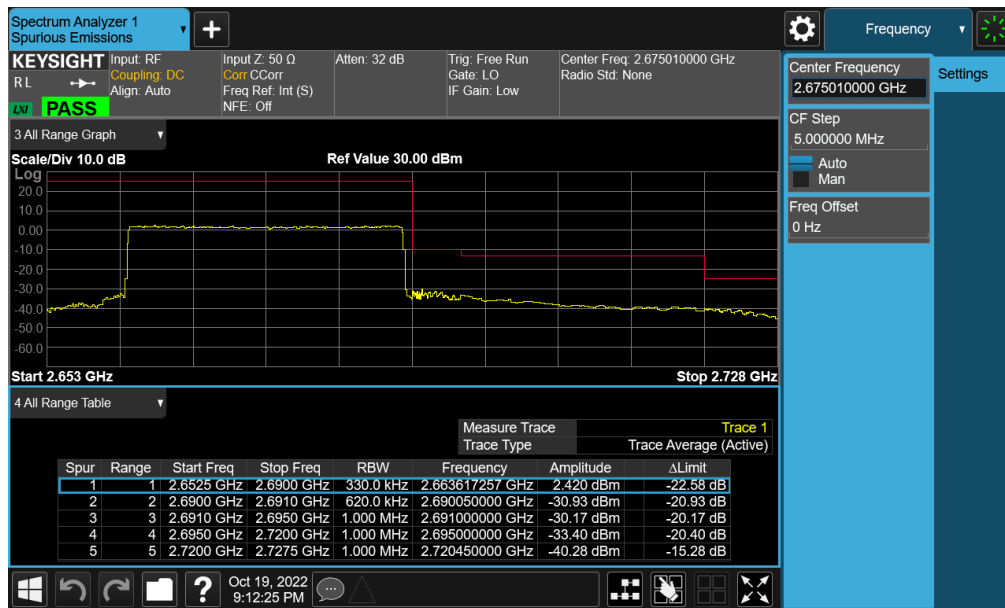


Plot 7-531. Upper ACP Plot (NR Band n41 - 40MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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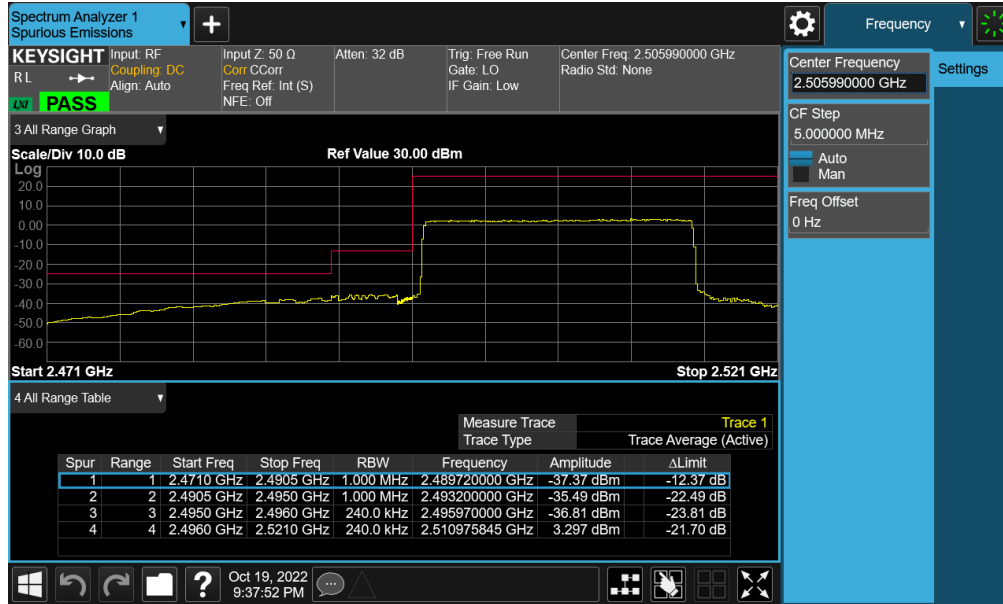


Plot 7-532. Lower ACP Plot (NR Band n41 - 30MHz CP-OFDM-QPSK – Full RB - ANT B)

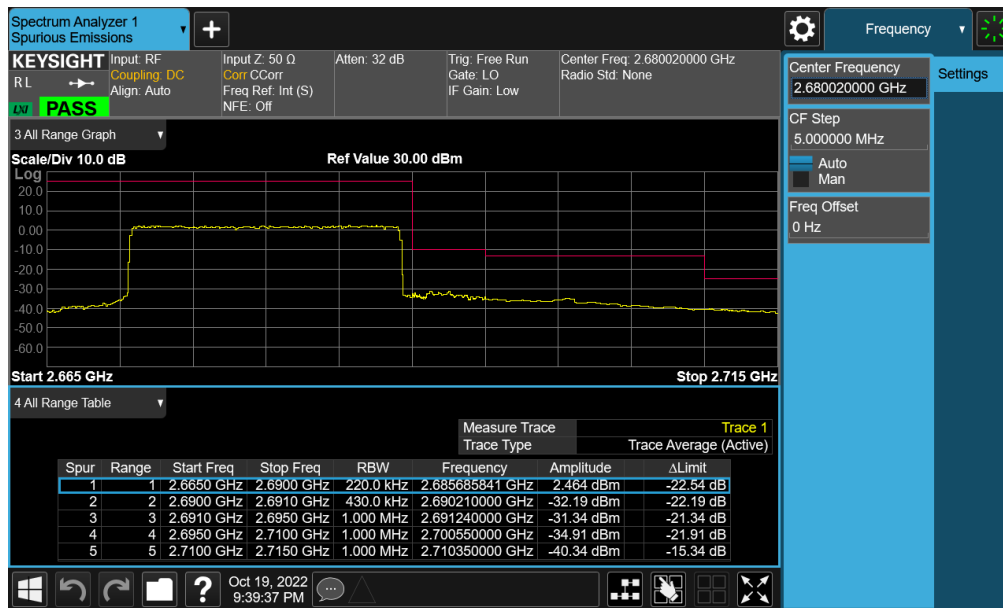


Plot 7-533. Upper ACP Plot (NR Band n41 - 30MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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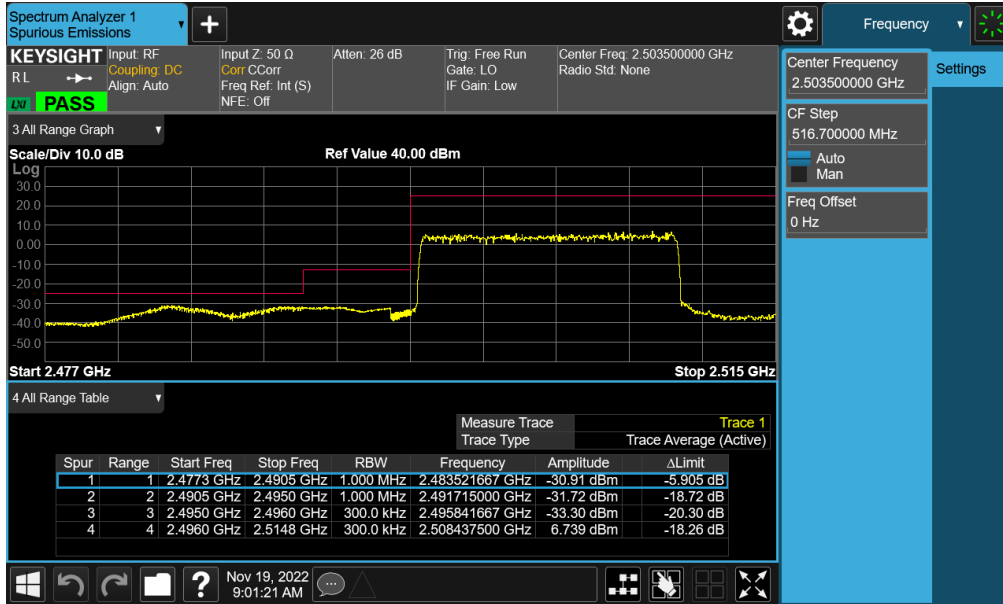


Plot 7-534. Lower ACP Plot (NR Band n41 - 20MHz CP-OFDM-QPSK – Full RB - ANT B)

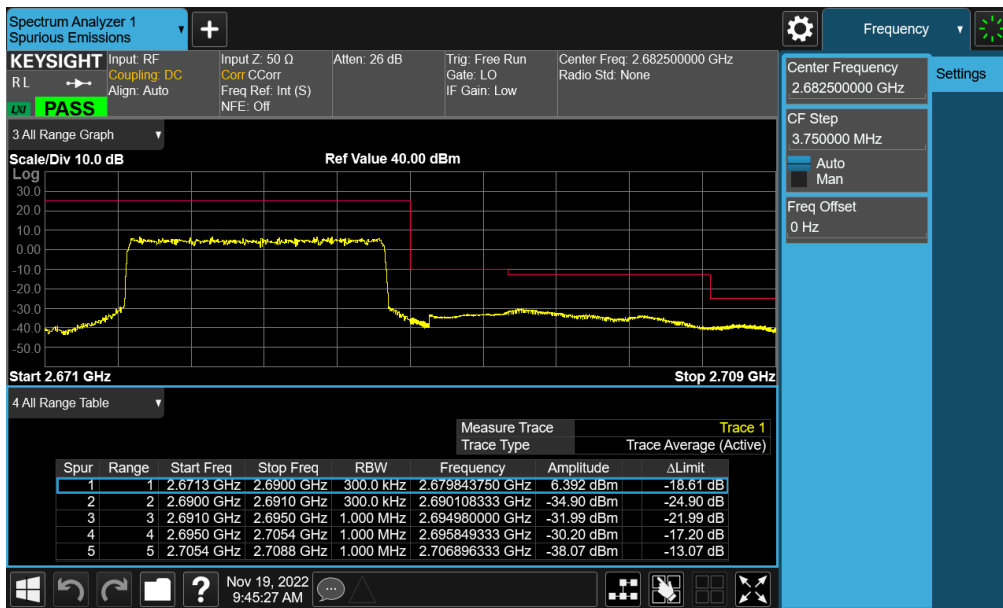


Plot 7-535. Upper ACP Plot (NR Band n41 - 20MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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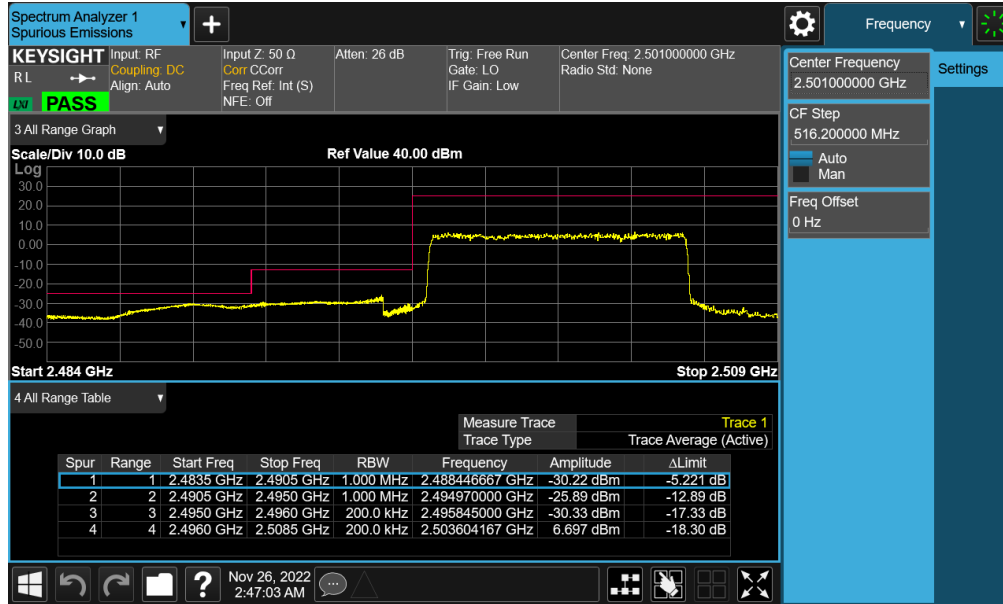


Plot 7-536. Lower ACP Plot (NR Band n41 - 15MHz CP-OFDM-QPSK – Full RB - ANT B)

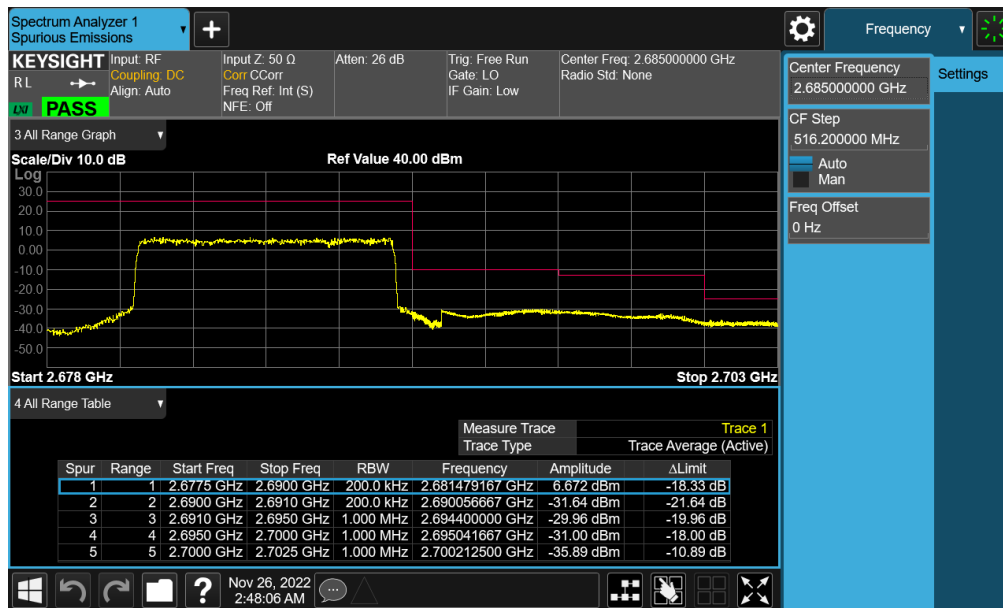


Plot 7-537. Upper ACP Plot (NR Band n41 - 15MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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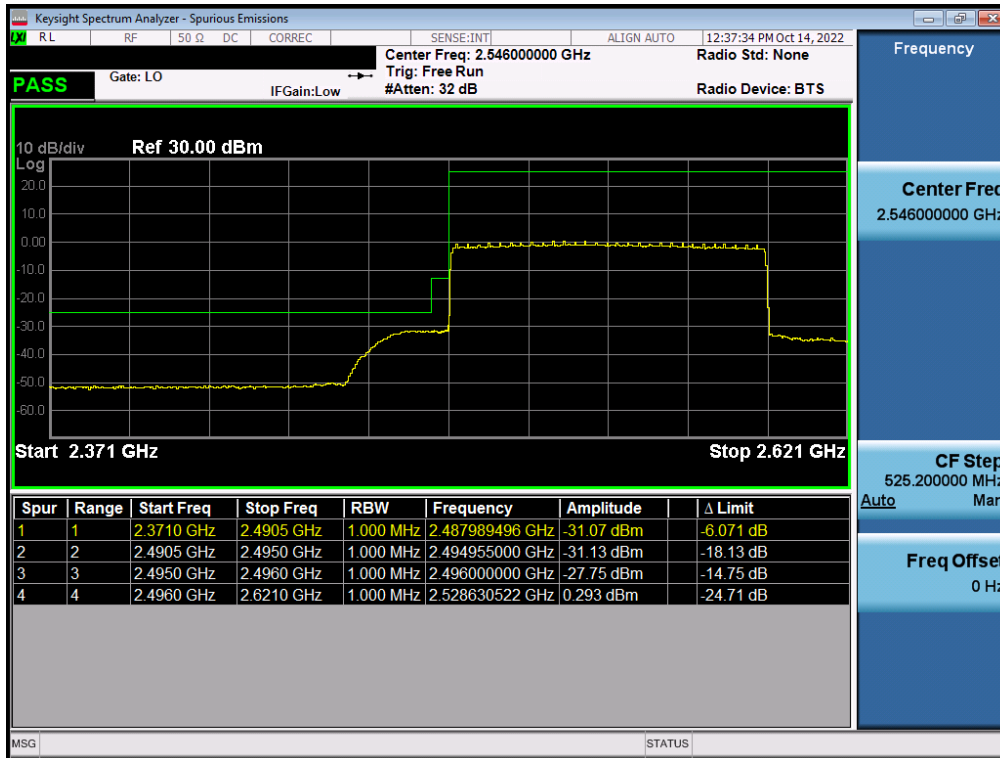
Plot 7-538. Lower ACP Plot (NR Band n41 - 10MHz CP-OFDM-QPSK – Full RB - ANT B)



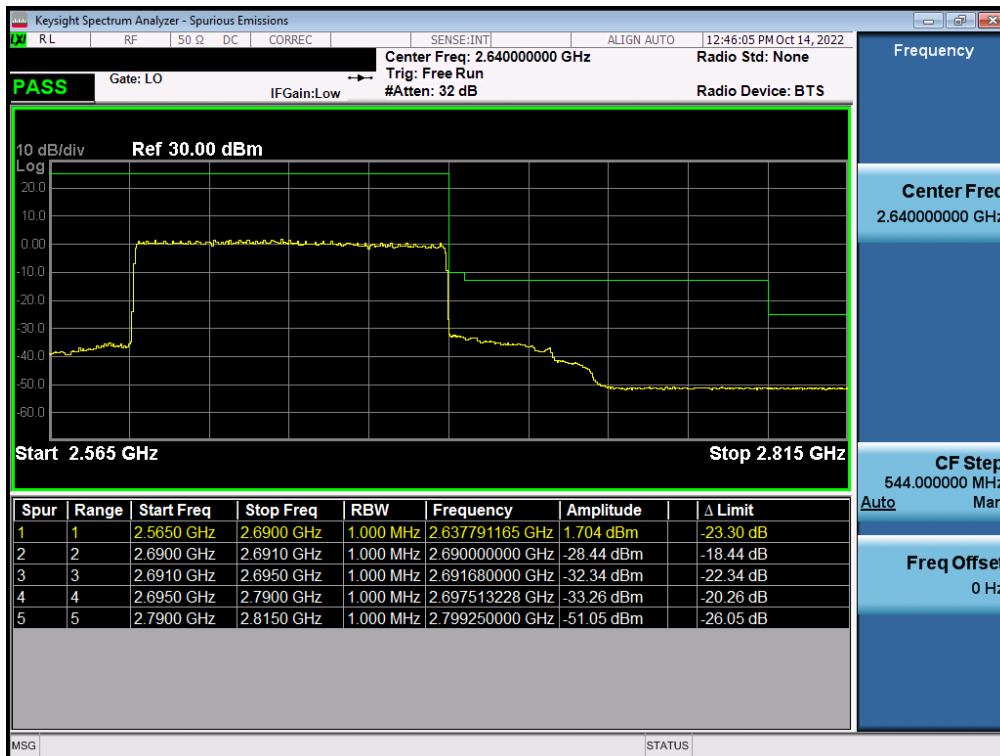
Plot 7-539. Upper ACP Plot (NR Band n41 - 10MHz CP-OFDM-QPSK – Full RB - ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Switching ANT F



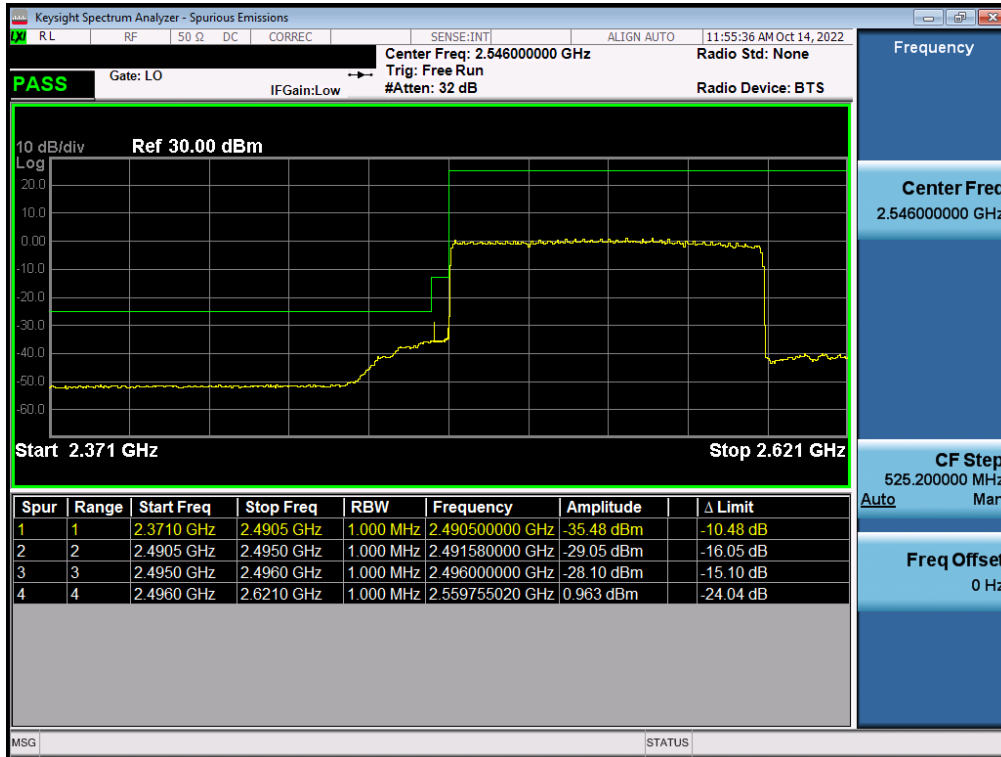
Plot 7-540. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant F)



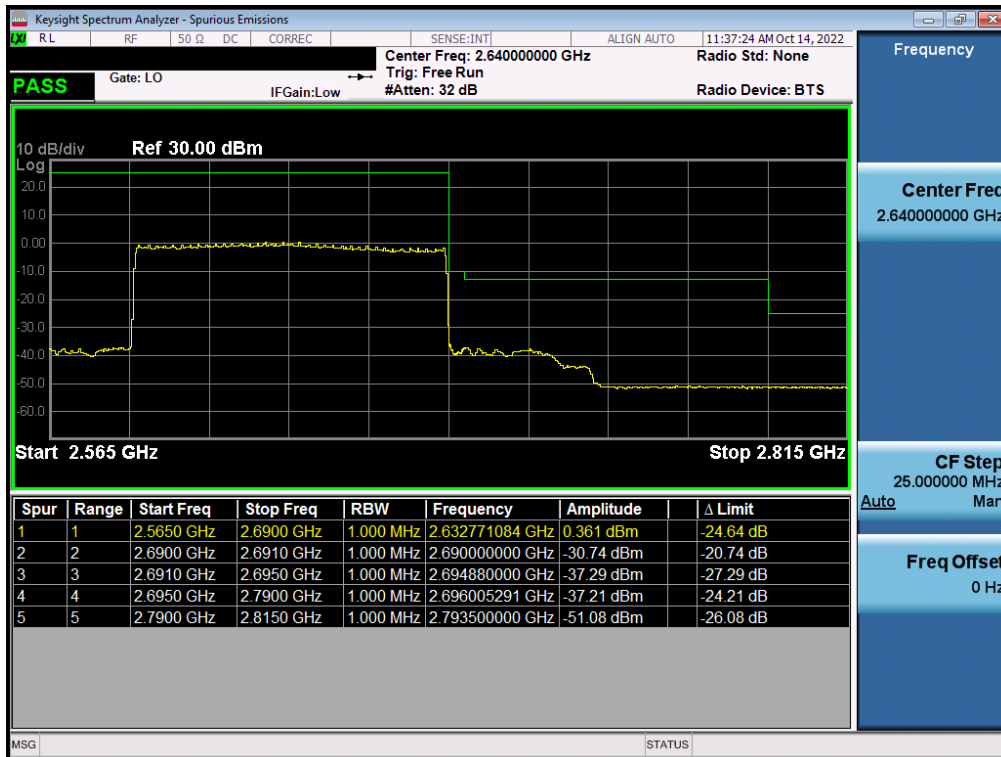
Plot 7-541. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Switching ANT D



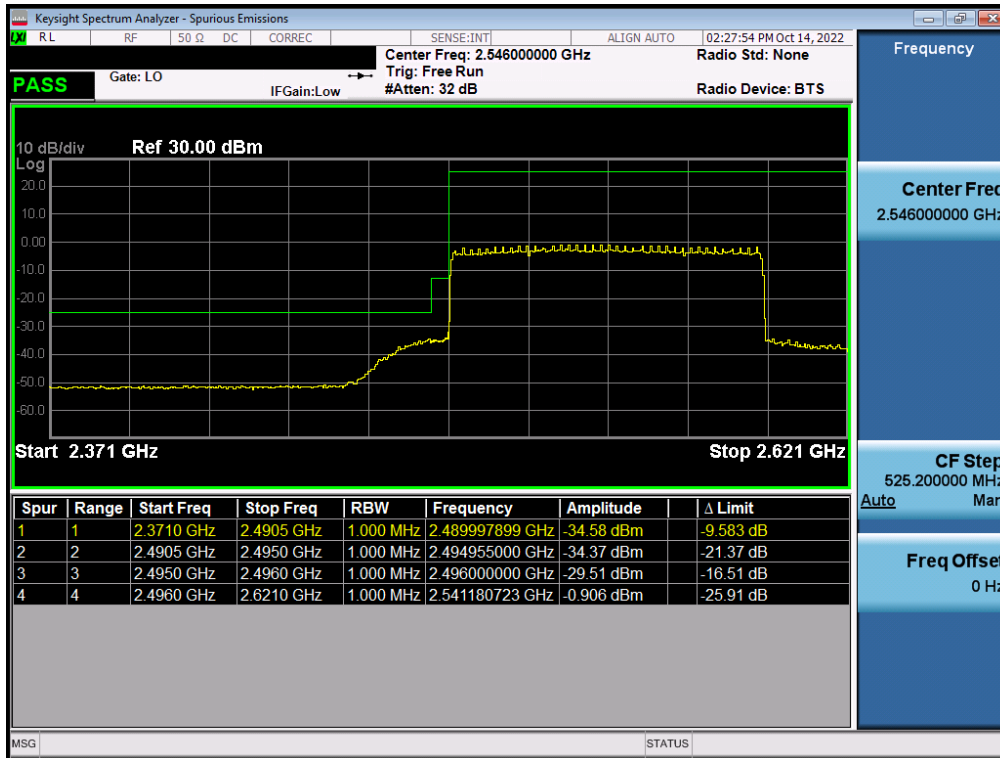
Plot 7-542. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT D)



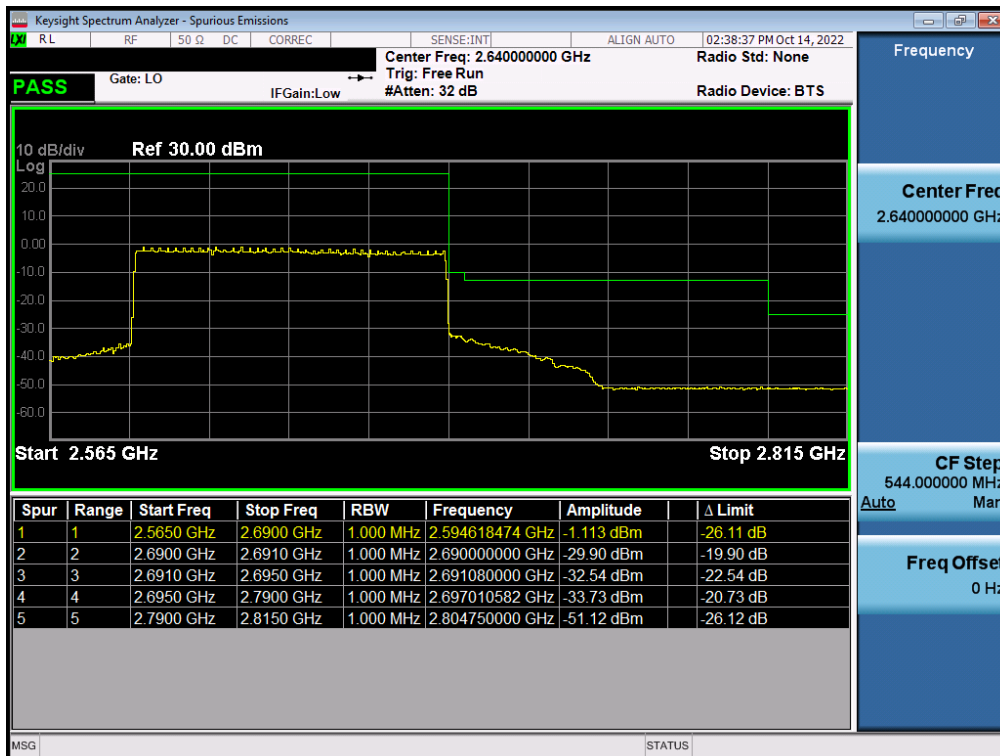
Plot 7-543. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT D)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Switching ANT E



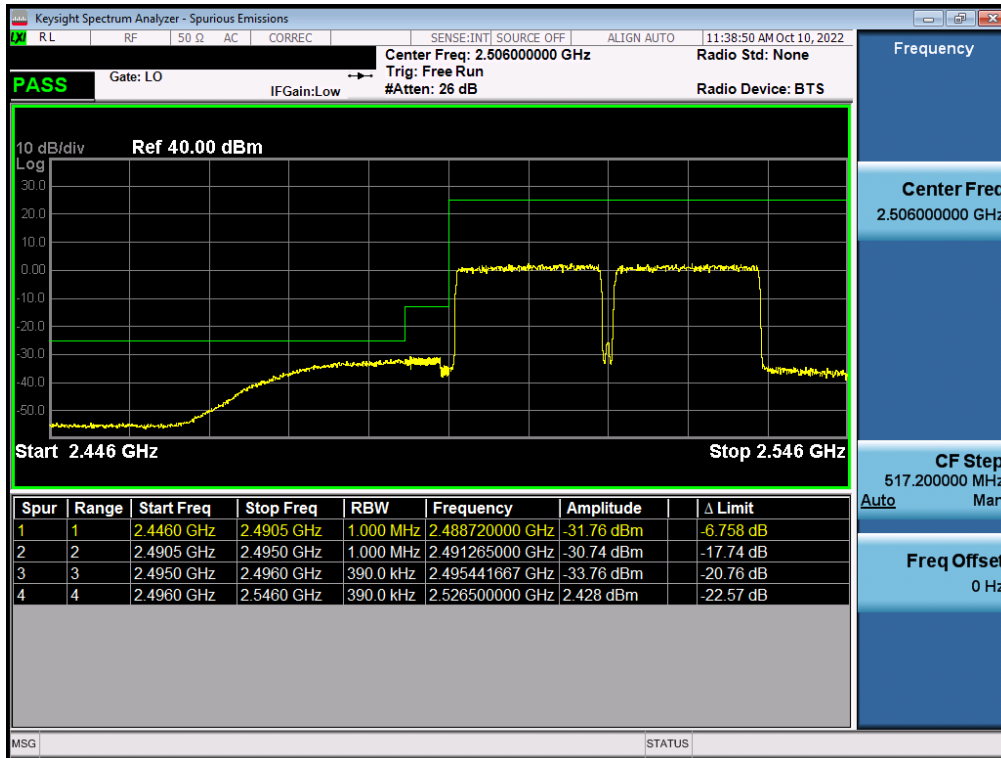
Plot 7-544. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT E)



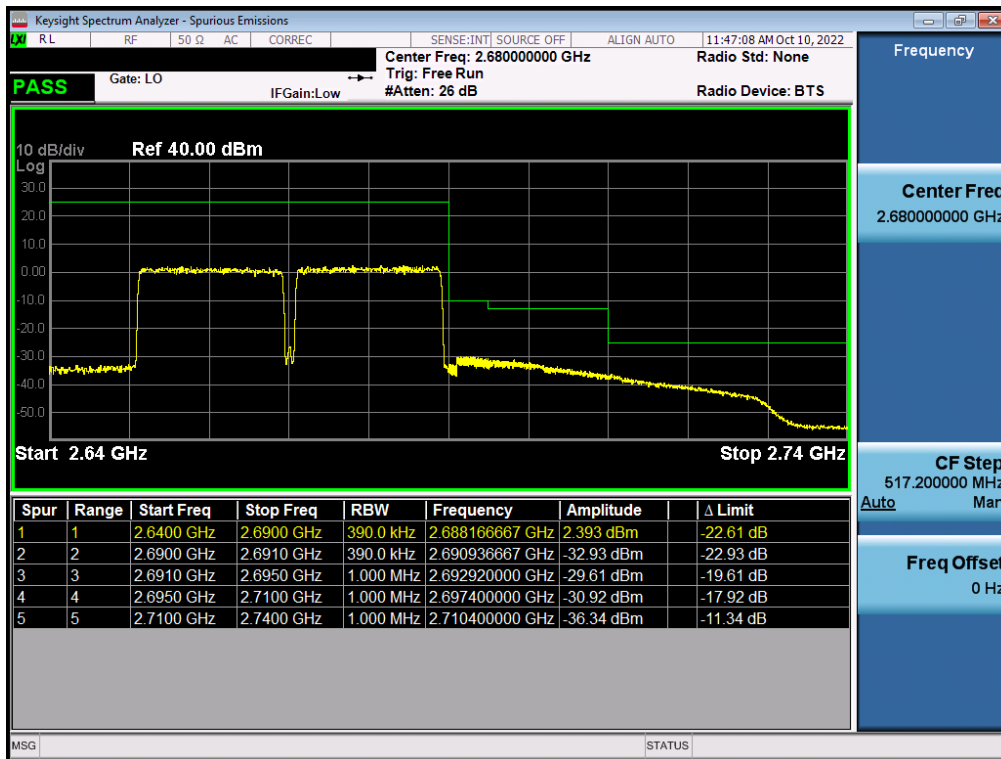
Plot 7-545. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - ANT E)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41(PC2) – Ant B



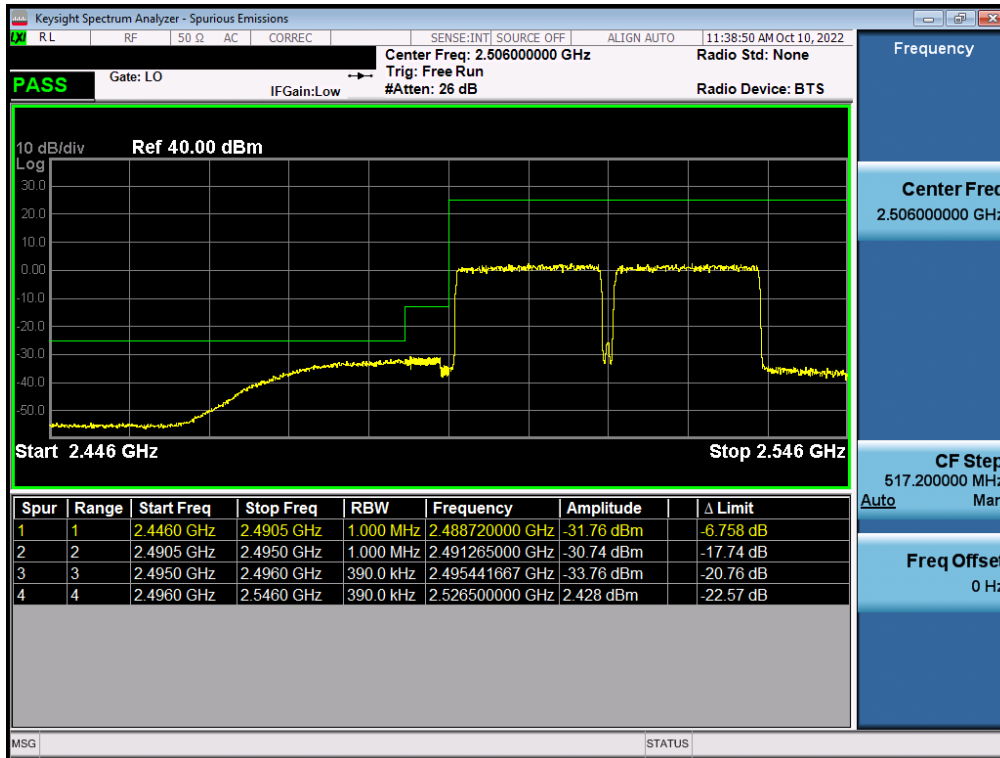
Plot 7-546. Lower ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB - Ant B)



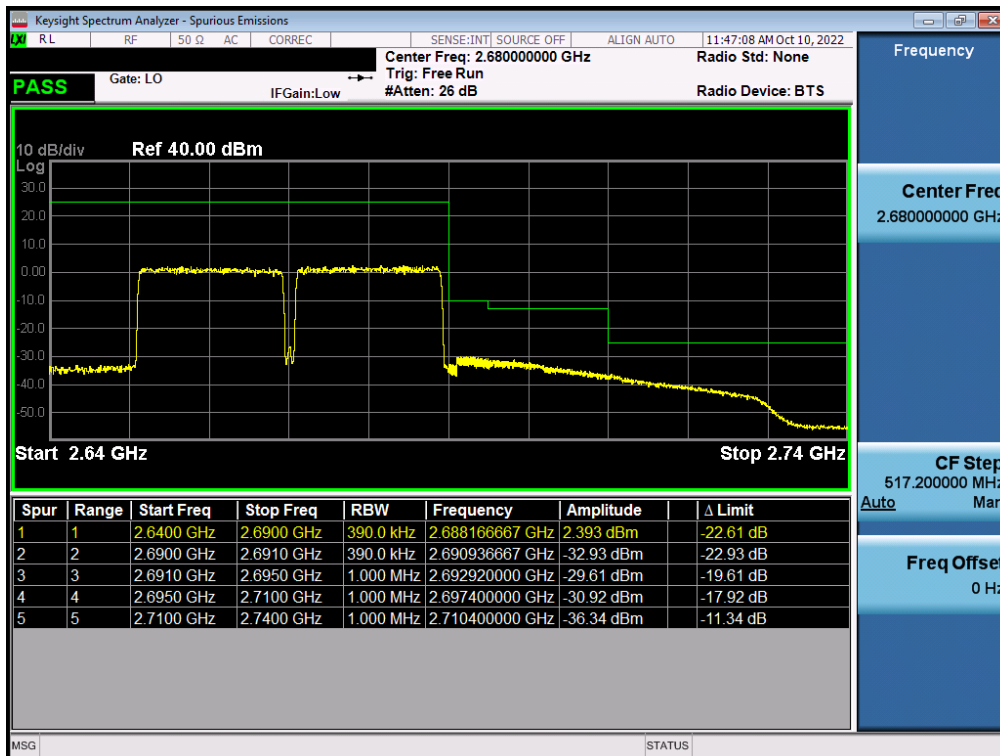
Plot 7-547. Upper ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB - Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41(PC3) – ANT B



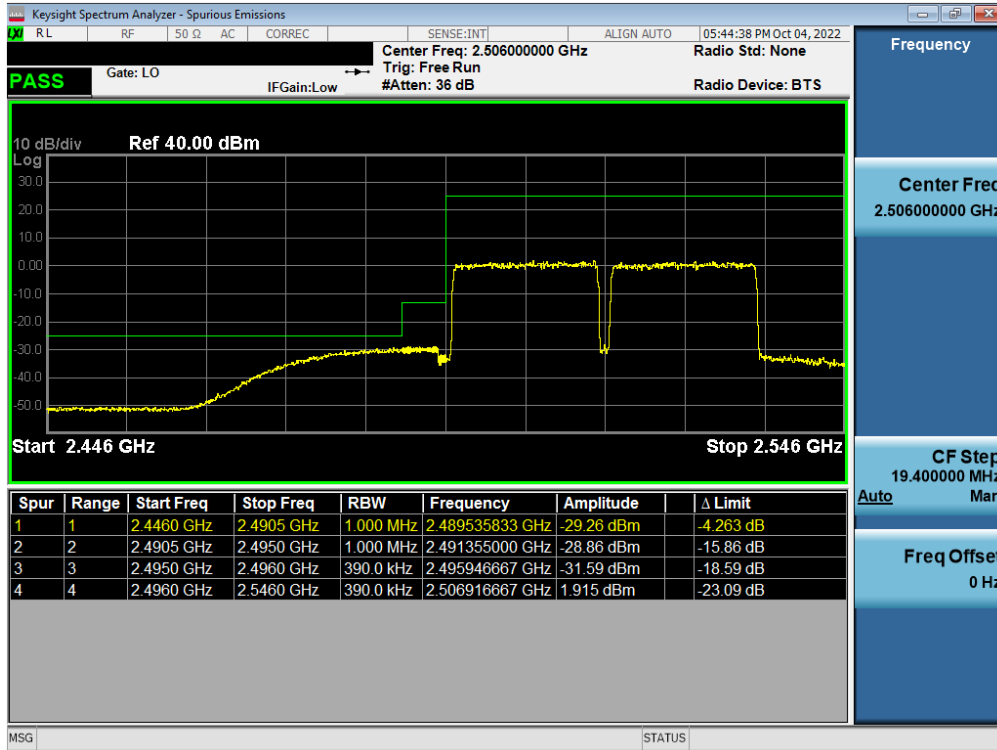
Plot 7-548. Lower ACP Plot (ULCA LTE B41(PC3) - 20MHz QPSK – Full RB - Ant B)



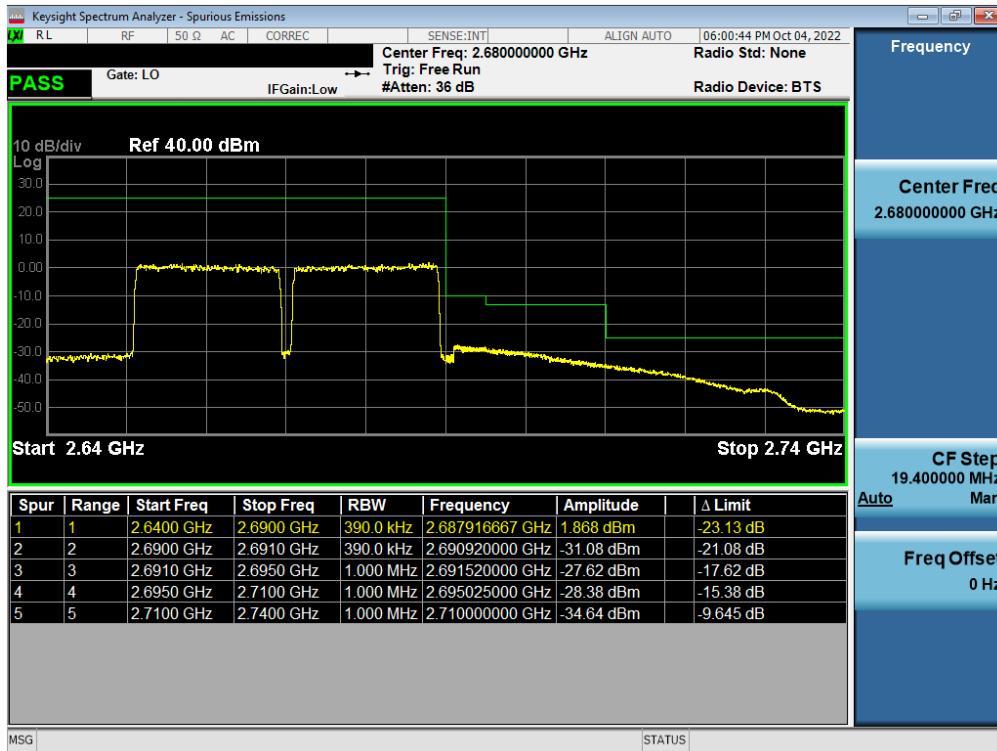
Plot 7-549. Upper ACP Plot (ULCA LTE B41(PC3) - 20MHz QPSK – Full RB - Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41(PC2) – Ant F



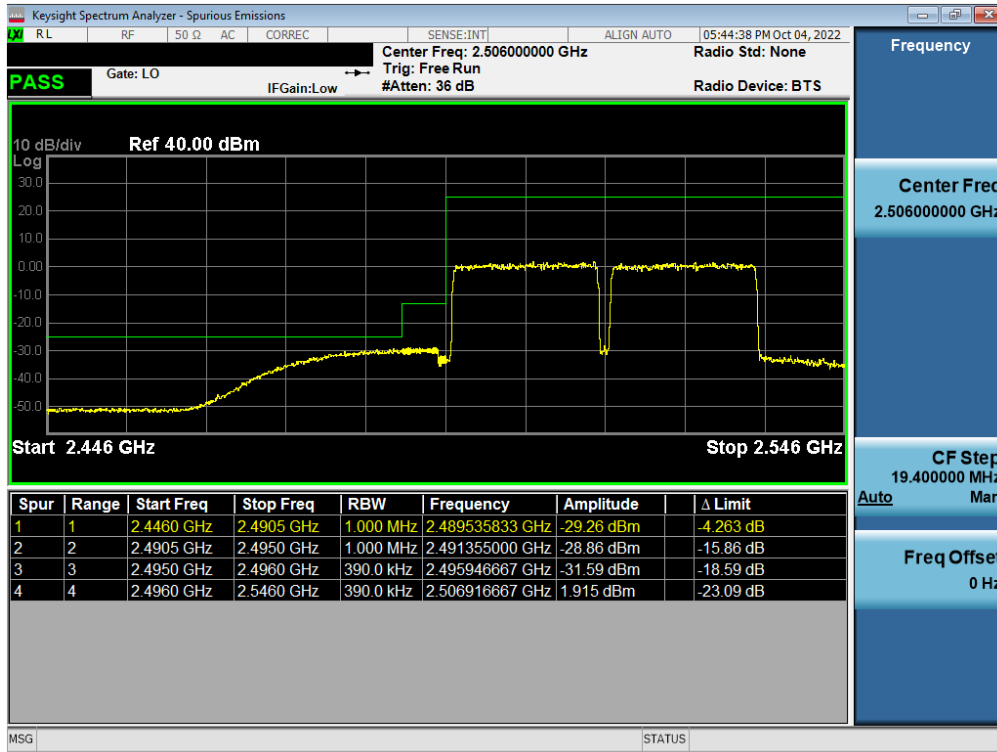
Plot 7-550. Lower ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB - Ant F)



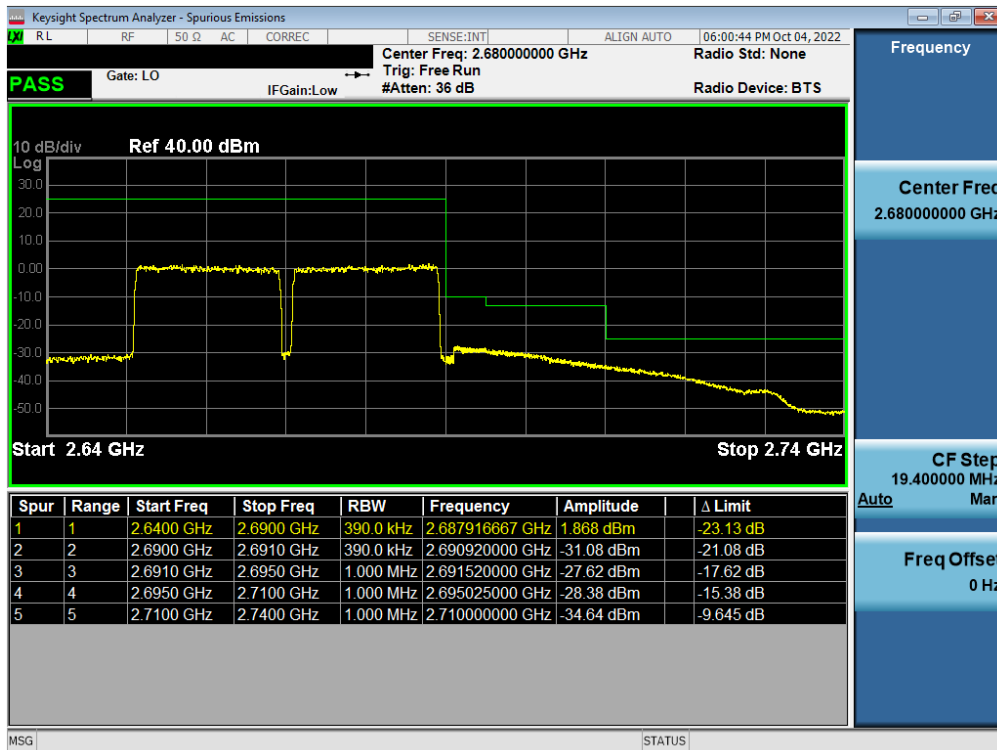
Plot 7-551. Upper ACP Plot (ULCA LTE B41(PC2) - 20MHz QPSK – Full RB - Ant F)

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ULCA - LTE Band 41(PC3) – Ant F



Plot 7-552. Lower ACP Plot (ULCA LTE B41(PC3) - 20MHz QPSK – Full RB - Ant F)



Plot 7-553. Upper ACP Plot (ULCA LTE B41(PC3) - 20MHz QPSK – Full RB - Ant F)

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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.

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Test Setup

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

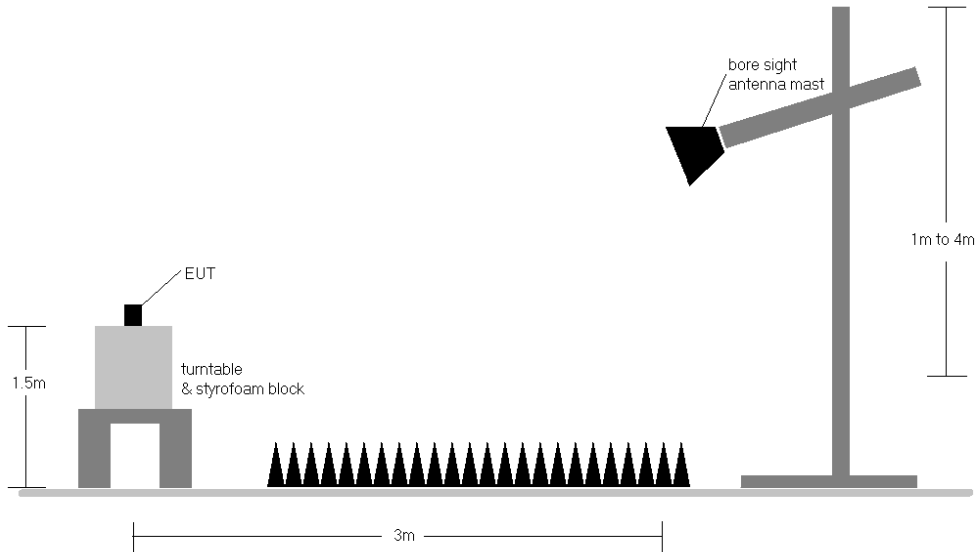


Figure 7-5. Radiated Test Setup >1GHz

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.

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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	133	180	9.16	1 / 25	13.59	22.75	0.188	23.98	-1.23
	16-QAM	2310.0	H	133	180	9.16	1 / 25	12.78	21.94	0.156	23.98	-2.04
5 MHz	QPSK	2307.5	H	133	180	9.16	1 / 0	13.53	22.69	0.186	23.98	-1.29
	QPSK	2310.0	H	133	180	9.16	1 / 12	13.61	22.77	0.189	23.98	-1.21
	QPSK	2312.5	H	133	180	9.17	1 / 0	13.58	22.75	0.188	23.98	-1.23
	16-QAM	2307.5	H	133	180	9.16	1 / 0	12.69	21.85	0.153	23.98	-2.13
	16-QAM	2310.0	H	133	180	9.16	1 / 24	12.77	21.94	0.156	23.98	-2.04
	16-QAM	2312.5	H	133	180	9.17	1 / 12	12.88	22.05	0.160	23.98	-1.93
10 MHz	Opposite Pol.	2310.0	V	172	37	9.16	50 / 0	10.74	19.90	0.098	23.98	-4.08
	WCP	2310.0	H	103	180	9.16	1 / 25	13.35	22.51	0.178	23.98	-1.47

Table 7-25. 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	146	6	10.55	1 / 25	10.92	21.47	0.140	23.98	-2.51
	16-QAM	2310.0	H	146	6	10.55	1 / 25	10.19	20.74	0.118	23.98	-3.24
5 MHz	QPSK	2307.5	H	146	6	10.52	1 / 24	10.89	21.41	0.138	23.98	-2.57
	QPSK	2310.0	H	146	6	10.55	1 / 12	10.97	21.51	0.142	23.98	-2.47
	QPSK	2312.5	H	146	6	10.56	1 / 24	10.85	21.41	0.138	23.98	-2.57
	16-QAM	2307.5	H	146	6	10.52	1 / 0	10.52	21.04	0.127	23.98	-2.94
10 MHz	Opposite Pol.	2310.0	V	123	63	10.55	1 / 25	10.28	20.83	0.121	23.98	-3.15
	WCP	2310.0	H	182	54	10.55	1 / 49	6.71	17.26	0.053	23.98	-6.72

Table 7-26. 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	156	15	9.51	1 / 50	13.20	22.71	0.187	33.01	-10.30
	QPSK	2535.0	H	156	48	9.40	1 / 50	12.99	22.39	0.173	33.01	-10.62
	QPSK	2560.0	H	150	17	9.43	1 / 99	13.27	22.70	0.186	33.01	-10.31
	16-QAM	2510.0	H	156	15	9.51	1 / 50	12.56	22.07	0.161	33.01	-10.94
15 MHz	QPSK	2507.5	H	156	15	9.50	1 / 37	13.38	22.88	0.194	33.01	-10.13
	QPSK	2535.0	H	156	48	9.40	1 / 0	12.92	22.32	0.171	33.01	-10.69
	QPSK	2562.5	H	150	17	9.43	1 / 37	13.43	22.86	0.193	33.01	-10.15
	16-QAM	2507.5	H	156	15	9.50	1 / 0	12.59	22.10	0.162	33.01	-10.91
10 MHz	QPSK	2505.0	H	156	15	9.50	1 / 25	13.53	23.03	0.201	33.01	-9.98
	QPSK	2535.0	H	156	48	9.40	1 / 49	13.10	22.50	0.178	33.01	-10.51
	QPSK	2565.0	H	150	17	9.42	1 / 25	13.32	22.74	0.188	33.01	-10.27
	16-QAM	2505.0	H	156	15	9.50	1 / 49	12.67	22.17	0.165	33.01	-10.84
5 MHz	QPSK	2502.5	H	156	15	9.49	1 / 12	13.52	23.02	0.200	33.01	-9.99
	QPSK	2535.0	H	156	48	9.40	1 / 0	13.12	22.52	0.179	33.01	-10.49
	QPSK	2567.5	H	150	17	9.42	1 / 12	13.46	22.87	0.194	33.01	-10.14
	16-QAM	2502.5	H	156	15	9.49	1 / 24	12.70	22.19	0.166	33.01	-10.82
20 MHz	Opposite Pol.	2510.0	V	153	56	9.54	1 / 0	11.86	21.40	0.138	33.01	-11.61
	WCP	2510.0	H	115	197	9.51	1 / 0	12.96	22.47	0.177	33.01	-10.54

Table 7-27. EIRP Data (LTE Band 7 – ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 320 of 401



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	227	45	9.54	1 / 99	12.44	21.98	0.158	33.01	-11.03
	QPSK	2535.0	V	228	39	9.49	1 / 50	12.75	22.24	0.168	33.01	-10.77
	QPSK	2560.0	V	221	44	9.40	1 / 99	11.47	20.87	0.122	33.01	-12.14
	16-QAM	2535.0	V	228	39	9.49	1 / 50	12.00	21.49	0.141	33.01	-11.52
15 MHz	QPSK	2507.5	V	227	45	9.54	1 / 0	12.49	22.03	0.160	33.01	-10.98
	QPSK	2535.0	V	228	39	9.49	1 / 0	12.73	22.22	0.167	33.01	-10.79
	QPSK	2562.5	V	221	44	9.41	1 / 74	11.51	20.92	0.124	33.01	-12.09
	16-QAM	2535.0	V	228	39	9.49	1 / 0	12.00	21.49	0.141	33.01	-11.52
10 MHz	QPSK	2505.0	V	227	45	9.54	1 / 25	12.51	22.05	0.160	33.01	-10.96
	QPSK	2535.0	V	228	39	9.49	1 / 0	12.91	22.40	0.174	33.01	-10.61
	QPSK	2565.0	V	221	44	9.42	1 / 49	11.74	21.15	0.130	33.01	-11.86
	16-QAM	2535.0	V	228	39	9.49	1 / 25	12.29	21.78	0.151	33.01	-11.23
5 MHz	QPSK	2502.5	V	227	45	9.55	1 / 12	12.71	22.26	0.168	33.01	-10.75
	QPSK	2535.0	V	228	39	9.49	1 / 12	12.99	22.48	0.177	33.01	-10.53
	QPSK	2567.5	V	221	44	9.42	1 / 12	11.85	21.27	0.134	33.01	-11.74
	16-QAM	2535.0	V	228	39	9.49	1 / 24	12.20	21.70	0.148	33.01	-11.31
20 MHz	Opposite Pol.	2535.0	H	153	353	9.40	1 / 0	12.21	21.61	0.145	33.01	-11.40
	WCP	2535.0	V	172	53	9.49	1 / 99	10.52	20.01	0.100	33.01	-13.00

Table 7-28. EIRP Data (LTE Band 7 – 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	2506.0	H	130	17	9.50	1 / 99	14.69	24.19	0.262	33.01	-8.82
	QPSK	2593.0	H	152	225	9.49	1 / 50	16.42	25.91	0.390	33.01	-7.10
	QPSK	2680.0	H	159	104	9.87	1 / 0	15.57	25.44	0.350	33.01	-7.57
	16-QAM	2593.0	H	152	225	9.49	1 / 99	15.54	25.03	0.319	33.01	-7.98
15 MHz	QPSK	2503.5	H	130	17	9.50	1 / 74	14.96	24.46	0.279	33.01	-8.55
	QPSK	2593.0	H	152	225	9.49	1 / 74	16.76	26.25	0.421	33.01	-6.76
	QPSK	2682.5	H	159	104	9.87	1 / 74	15.81	25.68	0.370	33.01	-7.33
	16-QAM	2593.0	H	152	225	9.49	1 / 74	15.81	25.30	0.339	33.01	-7.71
10 MHz	QPSK	2501.0	H	130	17	9.49	1 / 49	15.49	24.99	0.315	33.01	-8.03
	QPSK	2593.0	H	152	225	9.49	1 / 49	16.95	26.44	0.441	33.01	-6.57
	QPSK	2685.0	H	159	104	9.86	1 / 49	16.20	26.07	0.404	33.01	-6.94
	16-QAM	2685.0	H	159	104	9.86	1 / 49	15.92	25.78	0.379	33.01	-7.23
5 MHz	QPSK	2498.5	H	130	17	9.49	1 / 24	15.35	24.84	0.305	33.01	-8.17
	QPSK	2593.0	H	152	225	9.49	1 / 24	16.94	26.43	0.440	33.01	-6.58
	QPSK	2687.5	H	159	104	9.86	1 / 24	16.22	26.08	0.405	33.01	-6.93
	16-QAM	2593.0	H	152	225	9.49	1 / 24	16.44	25.93	0.392	33.01	-7.08
20 MHz	Opposite Pol.	2593.0	V	120	82	9.46	1 / 12	16.40	25.86	0.386	33.01	-7.15
	WCP	2593.0	H	156	200	9.49	1 / 0	14.48	23.97	0.250	33.01	-9.04

Table 7-29. 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	2510.0	V	149	40	9.54	1 / 0	16.62	26.16	0.414	33.01	-6.85
	QPSK	2593.0	V	146	37	9.46	1 / 0	14.34	23.80	0.240	33.01	-9.21
	QPSK	2680.0	V	247	24	9.51	1 / 0	14.71	24.22	0.264	33.01	-8.79
	16-QAM	2510.0	V	149	40	9.54	1 / 0	15.11	24.65	0.292	33.01	-8.36
15 MHz	QPSK	2507.5	V	149	40	9.54	1 / 74	16.44	25.98	0.396	33.01	-7.03
	QPSK	2593.0	V	146	37	9.46	1 / 74	14.20	23.66	0.232	33.01	-9.35
	QPSK	2682.5	V	247	24	9.51	1 / 74	14.59	24.10	0.257	33.01	-8.91
	16-QAM	2507.5	V	149	40	9.54	1 / 74	15.05	24.60	0.288	33.01	-8.41
10 MHz	QPSK	2505.0	V	149	40	9.55	1 / 25	15.80	25.35	0.342	33.01	-7.66
	QPSK	2593.0	V	146	37	9.46	1 / 25	14.30	23.76	0.238	33.01	-9.25
	QPSK	2685.0	V	247	24	9.52	1 / 25	15.07	24.59	0.288	33.01	-8.42
	16-QAM	2505.0	V	149	40	9.55	1 / 25	14.54	24.08	0.256	33.01	-8.93
5 MHz	QPSK	2502.5	V	149	40	9.53	1 / 12	15.30	24.84	0.304	33.01	-8.17
	QPSK	2593.0	V	146	37	9.46	1 / 12	13.55	23.01	0.200	33.01	-10.00
	QPSK	2687.5	V	247	24	9.52	1 / 24	14.33	23.86	0.243	33.01	-9.15
	16-QAM	2502.5	V	149	40	9.53	1 / 12	13.53	23.07	0.203	33.01	-9.94
20 MHz	Opposite Pol.	2506.0	H	115	332	9.50	1 / 0	15.67	25.17	0.329	33.01	-7.84
	WCP	2506.0	V	149	49	9.54	1 / 0	15.44	24.98	0.315	33.01	-8.03

Table 7-30. EIRP Data (LTE Band 41(PC2) – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 321 of 401



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	185	29	9.50	1 / 50	14.68	24.18	0.262	33.01	-8.83
	QPSK	2593.0	H	112	225	9.49	1 / 99	15.08	24.57	0.286	33.01	-8.44
	QPSK	2680.0	H	125	106	9.87	1 / 99	14.90	24.77	0.300	33.01	-8.24
	16-QAM	2680.0	H	125	106	9.87	1 / 99	14.06	23.93	0.247	33.01	-9.08
15 MHz	QPSK	2503.5	H	185	29	9.50	1 / 0	14.75	24.25	0.266	33.01	-8.76
	QPSK	2593.0	H	112	225	9.49	1 / 37	15.25	24.74	0.298	33.01	-8.27
	QPSK	2682.5	H	125	106	9.87	1 / 37	14.83	24.69	0.295	33.01	-8.32
	16-QAM	2682.5	H	125	106	9.87	1 / 37	14.08	23.95	0.248	33.01	-9.06
10 MHz	QPSK	2501.0	H	165	29	9.49	1 / 49	15.31	24.80	0.302	33.01	-8.21
	QPSK	2593.0	H	112	225	9.49	1 / 49	15.80	25.29	0.338	33.01	-7.72
	QPSK	2685.0	H	125	106	9.86	1 / 49	15.25	25.11	0.324	33.01	-7.90
	16-QAM	2593.0	H	112	225	9.49	1 / 49	15.13	24.62	0.290	33.01	-8.39
5 MHz	QPSK	2498.5	H	165	29	9.49	1 / 12	15.07	24.56	0.286	33.01	-8.45
	QPSK	2593.0	H	112	225	9.49	1 / 0	15.31	24.81	0.302	33.01	-8.20
	QPSK	2687.5	H	125	106	9.86	1 / 12	15.22	25.08	0.322	33.01	-7.93
	16-QAM	2498.5	H	165	29	9.49	1 / 12	14.68	24.17	0.261	33.01	-8.84
20 MHz	Opposite Pol.	2680.0	V	115	90	9.51	1 / 0	15.25	24.76	0.299	33.01	-8.25
	WCP	2680.0	H	133	214	9.87	1 / 12	13.46	23.33	0.215	33.01	-9.68

Table 7-31. 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	2510.0	V	149	43	9.54	1 / 0	15.14	24.68	0.294	33.01	-8.33
	QPSK	2593.0	V	149	34	9.46	1 / 0	12.81	22.27	0.169	33.01	-10.74
	QPSK	2680.0	V	255	33	9.51	1 / 0	13.46	22.97	0.198	33.01	-10.04
	16-QAM	2510.0	V	149	43	9.54	1 / 0	13.66	23.20	0.209	33.01	-9.81
15 MHz	QPSK	2507.5	V	149	43	9.54	1 / 74	14.94	24.48	0.281	33.01	-8.53
	QPSK	2593.0	V	149	34	9.46	1 / 74	12.58	22.04	0.160	33.01	-10.97
	QPSK	2682.5	V	255	33	9.51	1 / 74	13.32	22.83	0.192	33.01	-10.18
	16-QAM	2507.5	V	149	43	9.54	1 / 74	13.81	23.36	0.217	33.01	-9.65
10 MHz	QPSK	2505.0	V	149	43	9.54	1 / 25	15.44	24.98	0.315	33.01	-8.03
	QPSK	2593.0	V	149	34	9.46	1 / 25	12.80	22.27	0.168	33.01	-10.75
	QPSK	2685.0	V	255	33	9.52	1 / 25	13.68	23.20	0.209	33.01	-9.81
	16-QAM	2505.0	V	149	43	9.54	1 / 25	13.73	23.27	0.212	33.01	-9.74
5 MHz	QPSK	2502.5	V	149	43	9.55	1 / 12	15.28	24.83	0.304	33.01	-8.18
	QPSK	2593.0	V	149	34	9.46	1 / 12	12.66	22.12	0.163	33.01	-10.89
	QPSK	2687.5	V	255	33	9.52	1 / 12	13.45	22.98	0.199	33.01	-10.03
	16-QAM	2502.5	V	149	43	9.55	1 / 12	13.62	23.16	0.207	33.01	-9.85
20 MHz	Opposite Pol.	2510.0	H	115	329	9.51	1 / 0	13.81	23.32	0.215	33.01	-9.69
	WCP	2510.0	V	146	55	9.54	1 / 0	13.67	23.21	0.210	33.01	-9.80

Table 7-32. EIRP Data (LTE Band 41(PC3)/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	221	186	10.55	1 / 26	11.82	22.37	0.172	23.98	-1.61
	QPSK	2310.0	H	221	186	10.55	1 / 26	11.62	22.17	0.165	23.98	-1.81
	16-QAM	2310.0	H	221	186	10.55	1 / 26	10.77	21.32	0.135	23.98	-2.66
5 MHz	$\pi/2$ BPSK	2307.5	H	221	186	10.52	1 / 12	11.58	22.09	0.162	23.98	-1.89
	$\pi/2$ BPSK	2310.0	H	221	186	10.55	1 / 12	12.04	22.58	0.181	23.98	-1.40
	$\pi/2$ BPSK	2312.5	H	221	186	10.56	1 / 6	11.62	22.18	0.165	23.98	-1.80
	QPSK	2307.5	H	221	186	10.52	1 / 12	11.59	22.11	0.163	23.98	-1.87
	QPSK	2310.0	H	221	186	10.55	1 / 12	11.60	22.14	0.164	23.98	-1.84
	QPSK	2312.5	H	221	186	10.56	1 / 6	11.51	22.07	0.161	23.98	-1.91
	16-QAM	2312.5	H	221	186	10.56	1 / 6	10.59	21.15	0.130	23.98	-2.83
10 MHz	QPSK (CP-OFDM)	2310.0	H	227	201	10.55	1 / 26	8.63	19.18	0.083	23.98	-4.80
	Opposite Pol.	2310.0	V	127	216	10.37	50 / 0	9.82	20.19	0.104	23.98	-3.79
	WCP	2310.0	H	220	194	10.55	50 / 0	10.43	20.98	0.125	23.98	-3.00

Table 7-33. EIRP Data (NR Band n30 – ANT A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 322 of 401



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	105	356	10.55	1 / 26	11.12	21.67	0.147	23.98	-2.31
	QPSK	2310.0	H	105	356	10.55	1 / 26	11.07	21.62	0.145	23.98	-2.36
	16-QAM	2310.0	H	105	356	10.55	1 / 26	10.45	21.00	0.126	23.98	-2.98
5 MHz	$\pi/2$ BPSK	2307.5	H	105	356	10.52	1 / 6	11.19	21.71	0.148	23.98	-2.27
	$\pi/2$ BPSK	2310.0	H	105	356	10.55	1 / 12	11.28	21.82	0.152	23.98	-2.16
	$\pi/2$ BPSK	2312.5	H	105	356	10.56	1 / 18	10.61	21.16	0.131	23.98	-2.81
	QPSK	2307.5	H	105	356	10.52	1 / 18	11.13	21.65	0.146	23.98	-2.33
	QPSK	2310.0	H	105	356	10.55	1 / 6	11.19	21.73	0.149	23.98	-2.25
	QPSK	2312.5	H	105	356	10.56	1 / 6	10.60	21.16	0.131	23.98	-2.82
	16-QAM	2312.5	H	105	356	10.56	1 / 12	10.84	21.40	0.138	23.98	-2.58
10 MHz	QPSK (CP-OFDM)	2310.0	H	105	356	10.55	1 / 26	9.46	20.01	0.100	23.98	-3.97
	Opposite Pol.	2310.0	V	169	82	10.37	1 / 38	10.24	20.61	0.115	23.98	-3.37
	WCP	2310.0	H	166	97	10.55	1 / 26	5.84	16.39	0.044	23.98	-7.59

Table 7-34. EIRP Data (NR Band n30 – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 323 of 401



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	π/2 BPSK	2520.0	H	117	215	9.45	1 / 108	13.25	22.70	0.186	33.01	-10.31
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 108	12.68	22.08	0.162	33.01	-10.93
	π/2 BPSK	2550.0	H	114	217	9.37	1 / 108	12.50	21.87	0.154	33.01	-11.14
	QPSK	2520.0	H	117	215	9.45	1 / 108	12.55	22.00	0.159	33.01	-11.01
	QPSK	2535.0	H	120	219	9.40	1 / 108	12.08	21.48	0.141	33.01	-11.53
	QPSK	2550.0	H	114	217	9.37	1 / 108	11.47	20.84	0.121	33.01	-12.17
30 MHz	16-QAM	2520.0	H	117	215	9.45	1 / 108	10.94	20.39	0.109	33.01	-12.62
	π/2 BPSK	2515.0	H	117	215	9.48	1 / 119	13.15	22.63	0.183	33.01	-10.38
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 119	12.51	21.91	0.155	33.01	-11.10
	π/2 BPSK	2555.0	H	114	217	9.40	1 / 40	12.47	21.87	0.154	33.01	-11.14
	QPSK	2515.0	H	117	215	9.48	1 / 119	12.59	22.07	0.161	33.01	-10.94
	QPSK	2535.0	H	120	219	9.40	1 / 119	11.92	21.32	0.135	33.01	-11.69
25 MHz	QPSK	2555.0	H	114	217	9.40	1 / 40	11.89	21.30	0.135	33.01	-11.72
	16-QAM	2515.0	H	117	215	9.48	1 / 119	11.13	20.61	0.115	33.01	-12.40
	π/2 BPSK	2512.5	H	117	215	9.49	1 / 99	13.25	22.74	0.188	33.01	-10.27
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 33	12.38	21.79	0.151	33.01	-11.22
	π/2 BPSK	2557.5	H	114	217	9.42	1 / 33	12.26	21.67	0.147	33.01	-11.34
	QPSK	2512.5	H	117	215	9.49	1 / 99	12.57	22.07	0.161	33.01	-10.94
20 MHz	QPSK	2535.0	H	120	219	9.40	1 / 33	11.70	21.11	0.129	33.01	-11.90
	QPSK	2557.5	H	114	217	9.42	1 / 33	11.49	20.91	0.123	33.01	-12.11
	16-QAM	2512.5	H	117	215	9.49	1 / 99	11.09	20.58	0.114	33.01	-12.43
	π/2 BPSK	2510.0	H	117	215	9.51	1 / 26	13.06	22.57	0.181	33.01	-10.44
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 26	12.49	21.89	0.154	33.01	-11.12
	π/2 BPSK	2560.0	H	114	217	9.43	1 / 26	11.87	21.30	0.135	33.01	-11.71
15 MHz	QPSK	2510.0	H	117	215	9.51	1 / 26	12.40	21.91	0.155	33.01	-11.10
	QPSK	2535.0	H	120	219	9.40	1 / 26	11.75	21.15	0.130	33.01	-11.86
	QPSK	2560.0	H	114	217	9.43	1 / 26	11.50	20.93	0.124	33.01	-12.08
	16-QAM	2510.0	H	117	215	9.51	1 / 26	11.13	20.64	0.116	33.01	-12.37
	π/2 BPSK	2507.5	H	117	215	9.50	1 / 58	12.99	22.50	0.178	33.01	-10.51
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 58	12.45	21.85	0.153	33.01	-11.16
10 MHz	π/2 BPSK	2562.5	H	114	217	9.43	1 / 20	12.25	21.68	0.147	33.01	-11.33
	QPSK	2507.5	H	117	215	9.50	1 / 58	12.51	22.02	0.159	33.01	-10.99
	QPSK	2535.0	H	120	219	9.40	1 / 58	11.73	21.14	0.130	33.01	-11.87
	QPSK	2562.5	H	114	217	9.43	1 / 20	11.46	20.89	0.123	33.01	-12.12
	16-QAM	2507.5	H	117	215	9.50	1 / 58	11.16	20.66	0.117	33.01	-12.35
	π/2 BPSK	2505.0	H	117	215	9.50	1 / 26	13.00	22.50	0.178	33.01	-10.51
5 MHz	π/2 BPSK	2535.0	H	120	219	9.40	1 / 26	12.51	21.91	0.155	33.01	-11.10
	π/2 BPSK	2565.0	H	114	217	9.42	1 / 13	12.11	21.53	0.142	33.01	-11.48
	QPSK	2505.0	H	117	215	9.50	1 / 26	12.29	21.79	0.151	33.01	-11.22
	QPSK	2535.0	H	120	219	9.40	1 / 26	11.90	21.31	0.135	33.01	-11.70
	QPSK	2565.0	H	114	217	9.42	1 / 13	11.46	20.88	0.122	33.01	-12.13
	16-QAM	2505.0	H	117	215	9.50	1 / 26	10.95	20.44	0.111	33.01	-12.57
40 MHz	π/2 BPSK	2502.5	H	117	215	9.49	1 / 18	13.06	22.56	0.180	33.01	-10.45
	π/2 BPSK	2535.0	H	120	219	9.40	1 / 18	12.33	21.74	0.149	33.01	-11.27
	π/2 BPSK	2567.5	H	114	217	9.42	1 / 6	12.24	21.66	0.147	33.01	-11.35
	QPSK	2502.5	H	117	215	9.49	1 / 18	12.56	22.06	0.161	33.01	-10.95
	QPSK	2535.0	H	120	219	9.40	1 / 18	11.62	21.02	0.126	33.01	-11.99
	QPSK	2567.5	H	114	217	9.42	1 / 6	11.38	20.79	0.120	33.01	-12.22
40 MHz	16-QAM	2502.5	H	117	215	9.49	1 / 18	11.24	20.73	0.118	33.01	-12.28
	QPSK (CP-OFDM)	2520.0	H	119	226	9.45	1 / 108	12.41	21.86	0.153	33.01	-11.15
	QPSK (Opposite Pol.)	2520.0	V	140	82	9.51	1 / 108	11.89	21.40	0.138	33.01	-11.61
	QPSK (WCP)	2520.0	V	193	353	9.45	1 / 108	11.20	20.65	0.116	33.01	-12.36

Table 7-35. EIRP Data (NR Band n7 – ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 324 of 401



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	142	335	9.45	1 / 161	13.98	23.43	0.220	33.01	-9.58
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 54	13.81	23.21	0.210	33.01	-9.80
	$\pi/2$ BPSK	2550.0	H	141	331	9.37	1 / 161	13.70	23.07	0.203	33.01	-9.94
	QPSK	2520.0	H	142	335	9.45	1 / 161	13.90	23.35	0.216	33.01	-9.66
	QPSK	2535.0	H	141	331	9.40	1 / 54	13.90	23.30	0.214	33.01	-9.71
	QPSK	2550.0	H	141	331	9.37	1 / 161	13.37	22.74	0.188	33.01	-10.27
30 MHz	16-QAM	2520.0	H	142	335	9.45	1 / 161	13.09	22.54	0.180	33.01	-10.47
	$\pi/2$ BPSK	2515.0	H	142	335	9.48	1 / 80	13.89	23.37	0.217	33.01	-9.64
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 80	13.83	23.23	0.211	33.01	-9.78
	$\pi/2$ BPSK	2555.0	H	141	331	9.40	1 / 40	13.68	23.08	0.203	33.01	-9.93
	QPSK	2515.0	H	142	335	9.48	1 / 80	13.74	23.22	0.210	33.01	-9.79
	QPSK	2535.0	H	141	331	9.40	1 / 80	13.99	23.39	0.218	33.01	-9.62
25 MHz	QPSK	2555.0	H	141	331	9.40	1 / 40	13.37	22.77	0.189	33.01	-10.24
	16-QAM	2515.0	H	142	335	9.48	1 / 80	12.97	22.46	0.176	33.01	-10.56
	$\pi/2$ BPSK	2512.5	H	142	335	9.49	1 / 33	13.90	23.39	0.218	33.01	-9.62
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 33	13.69	23.09	0.204	33.01	-9.92
	$\pi/2$ BPSK	2557.5	H	141	331	9.42	1 / 33	13.51	22.92	0.196	33.01	-10.09
	QPSK	2512.5	H	142	335	9.49	1 / 33	13.63	23.13	0.206	33.01	-9.88
20 MHz	QPSK	2535.0	H	141	331	9.40	1 / 33	13.77	23.17	0.207	33.01	-9.84
	QPSK	2557.5	H	141	331	9.42	1 / 33	13.15	22.57	0.181	33.01	-10.44
	16-QAM	2512.5	H	142	335	9.49	1 / 33	13.03	22.52	0.179	33.01	-10.49
	$\pi/2$ BPSK	2510.0	H	142	335	9.51	1 / 26	13.86	23.37	0.217	33.01	-9.64
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 26	13.81	23.22	0.210	33.01	-9.79
	$\pi/2$ BPSK	2560.0	H	141	331	9.43	1 / 79	13.26	22.69	0.186	33.01	-10.32
15 MHz	QPSK	2510.0	H	142	335	9.51	1 / 26	13.71	23.22	0.210	33.01	-9.79
	QPSK	2535.0	H	141	331	9.40	1 / 26	13.69	23.09	0.204	33.01	-9.92
	QPSK	2560.0	H	141	331	9.43	1 / 79	13.01	22.44	0.176	33.01	-10.57
	16-QAM	2535.0	H	141	331	9.40	1 / 26	13.18	22.59	0.181	33.01	-10.42
	$\pi/2$ BPSK	2507.5	H	142	335	9.50	1 / 39	13.76	23.26	0.212	33.01	-9.75
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 20	13.75	23.15	0.206	33.01	-9.86
10 MHz	$\pi/2$ BPSK	2562.5	H	141	331	9.43	1 / 58	13.31	22.73	0.188	33.01	-10.28
	QPSK	2507.5	H	142	335	9.50	1 / 39	13.62	23.13	0.205	33.01	-9.88
	QPSK	2535.0	H	141	331	9.40	1 / 20	13.75	23.15	0.207	33.01	-9.86
	QPSK	2562.5	H	141	331	9.43	1 / 58	13.16	22.59	0.181	33.01	-10.42
	16-QAM	2507.5	H	142	335	9.50	1 / 39	13.13	22.63	0.183	33.01	-10.38
	$\pi/2$ BPSK	2505.0	H	142	335	9.50	1 / 13	13.83	23.33	0.215	33.01	-9.68
5 MHz	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 38	13.71	23.11	0.205	33.01	-9.90
	$\pi/2$ BPSK	2565.0	H	141	331	9.42	1 / 38	13.46	22.88	0.194	33.01	-10.13
	QPSK	2505.0	H	142	335	9.50	1 / 13	13.68	23.18	0.208	33.01	-9.83
	QPSK	2535.0	H	141	331	9.40	1 / 38	13.85	23.25	0.211	33.01	-9.76
	QPSK	2565.0	H	141	331	9.42	1 / 38	13.01	22.43	0.175	33.01	-10.58
	16-QAM	2535.0	H	141	331	9.40	1 / 38	12.98	22.38	0.173	33.01	-10.63
40 MHz	$\pi/2$ BPSK	2502.5	H	142	335	9.49	1 / 18	13.89	23.38	0.218	33.01	-9.63
	$\pi/2$ BPSK	2535.0	H	141	331	9.40	1 / 6	13.65	23.05	0.202	33.01	-9.96
	$\pi/2$ BPSK	2567.5	H	141	331	9.42	1 / 18	13.21	22.63	0.183	33.01	-10.38
	QPSK	2502.5	H	142	335	9.49	1 / 18	13.74	23.23	0.210	33.01	-9.78
	QPSK	2535.0	H	141	331	9.40	1 / 6	13.72	23.12	0.205	33.01	-9.89
	QPSK	2567.5	H	141	331	9.42	1 / 18	12.92	22.33	0.171	33.01	-10.68
40 MHz	16-QAM	2502.5	H	142	335	9.49	1 / 18	13.23	22.73	0.187	33.01	-10.28
	QPSK (CP-OFDM)	2520.0	H	147	330	9.45	1 / 108	12.26	21.71	0.148	33.01	-11.30
	QPSK (Opposite Pol.)	2520.0	V	14	47	9.51	1 / 54	11.93	21.44	0.139	33.01	-11.57
	QPSK (WCP)	2520.0	H	246	352	9.45	1 / 161	8.15	17.60	0.058	33.01	-15.41

Table 7-36. EIRP Data (NR Band n7 – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 325 of 401



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	H	130	33	9.38	1 / 136	16.49	25.87	0.386	33.01	-7.14
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 136	16.43	25.92	0.391	33.01	-7.09
	π/2 BPSK	2640.00	H	146	58	9.89	1 / 204	16.03	25.92	0.391	33.01	-7.09
	QPSK	2546.01	H	130	33	9.38	1 / 136	16.13	25.51	0.355	33.01	-7.50
	QPSK	2592.99	H	115	61	9.49	1 / 68	15.32	24.81	0.303	33.01	-8.20
	QPSK	2640.00	H	146	58	9.89	1 / 204	15.91	25.80	0.380	33.01	-7.21
90 MHz	16-QAM	2640.00	H	146	58	9.89	1 / 204	15.29	25.18	0.330	33.01	-7.83
	π/2 BPSK	2541.00	H	130	33	9.39	1 / 61	16.48	25.87	0.387	33.01	-7.14
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 61	16.33	25.82	0.382	33.01	-7.19
	π/2 BPSK	2644.98	H	146	58	9.91	1 / 61	16.17	26.09	0.406	33.01	-6.92
	QPSK	2541.00	H	130	33	9.39	1 / 61	16.39	25.78	0.378	33.01	-7.23
	QPSK	2592.99	H	115	61	9.49	1 / 61	15.12	24.61	0.289	33.01	-8.40
80 MHz	QPSK	2644.98	H	146	58	9.91	1 / 61	16.14	26.05	0.403	33.01	-6.96
	QPSK	2644.98	H	146	58	9.91	1 / 61	16.04	25.95	0.394	33.01	-7.06
	π/2 BPSK	2536.02	H	130	33	9.40	1 / 108	16.20	25.60	0.363	33.01	-7.41
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 162	16.38	25.88	0.387	33.01	-7.13
	π/2 BPSK	2649.99	H	146	58	9.93	1 / 162	16.06	26.00	0.398	33.01	-7.01
	QPSK	2536.02	H	130	33	9.40	1 / 108	16.43	25.83	0.383	33.01	-7.18
70 MHz	QPSK	2592.99	H	115	61	9.49	1 / 162	15.65	25.14	0.326	33.01	-7.87
	QPSK	2649.99	H	146	58	9.93	1 / 108	16.18	26.12	0.409	33.01	-6.89
	16-QAM	2649.99	H	146	58	9.93	1 / 162	15.92	25.85	0.385	33.01	-7.16
	π/2 BPSK	2531.01	H	130	33	9.41	1 / 47	16.69	26.11	0.408	33.01	-6.90
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 47	16.22	25.71	0.372	33.01	-7.30
	π/2 BPSK	2655.00	H	146	58	9.89	1 / 47	16.10	25.99	0.397	33.01	-7.02
60 MHz	QPSK	2531.01	H	130	33	9.41	1 / 47	16.33	25.74	0.375	33.01	-7.27
	QPSK	2592.99	H	115	61	9.49	1 / 47	15.20	24.69	0.295	33.01	-8.32
	QPSK	2655.00	H	146	58	9.89	1 / 47	16.17	26.06	0.404	33.01	-6.95
	16-QAM	2655.00	H	146	58	9.89	1 / 47	15.52	25.41	0.348	33.01	-7.60
	π/2 BPSK	2526.00	H	130	33	9.43	1 / 40	16.82	26.25	0.422	33.01	-6.76
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 40	16.42	25.91	0.390	33.01	-7.10
50 MHz	π/2 BPSK	2659.98	H	146	58	9.85	1 / 40	16.34	26.19	0.416	33.01	-6.82
	QPSK	2526.00	H	130	33	9.43	1 / 40	15.55	25.98	0.396	33.01	-7.03
	QPSK	2592.99	H	115	61	9.49	1 / 40	15.51	25.00	0.316	33.01	-8.01
	QPSK	2659.98	H	146	58	9.85	1 / 40	16.30	26.15	0.412	33.01	-6.86
	16-QAM	2659.98	H	146	58	9.85	1 / 40	15.99	25.84	0.383	33.01	-7.17
	π/2 BPSK	2521.02	H	130	33	9.45	1 / 99	16.61	26.06	0.403	33.01	-6.95
40 MHz	π/2 BPSK	2592.99	H	115	61	9.49	1 / 66	16.58	26.07	0.405	33.01	-6.94
	π/2 BPSK	2664.99	H	146	58	9.84	1 / 33	16.14	25.97	0.396	33.01	-7.04
	QPSK	2521.02	H	130	33	9.45	1 / 99	16.38	25.83	0.382	33.01	-7.18
	QPSK	2592.99	H	115	61	9.49	1 / 66	15.14	24.63	0.290	33.01	-8.38
	QPSK	2664.99	H	146	58	9.84	1 / 33	16.17	26.00	0.398	33.01	-7.01
	16-QAM	2664.99	H	146	58	9.84	1 / 33	15.87	25.71	0.372	33.01	-7.30
30 MHz	π/2 BPSK	2516.01	H	130	33	9.48	1 / 26	16.54	26.02	0.400	33.01	-6.99
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 79	16.50	25.99	0.397	33.01	-7.02
	π/2 BPSK	2670.00	H	146	58	9.82	1 / 26	16.60	26.42	0.439	33.01	-6.59
	QPSK	2516.01	H	130	33	9.48	1 / 26	16.42	25.89	0.388	33.01	-7.12
	QPSK	2592.99	H	115	61	9.49	1 / 79	15.29	24.78	0.301	33.01	-8.23
	QPSK	2670.00	H	146	58	9.82	1 / 26	16.75	26.57	0.454	33.01	-6.44
20 MHz	16-QAM	2670.00	H	146	58	9.82	1 / 26	15.60	25.42	0.348	33.01	-7.59
	π/2 BPSK	2511.00	H	130	33	9.50	1 / 58	16.79	26.30	0.426	33.01	-6.71
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 39	16.46	25.95	0.394	33.01	-7.06
	π/2 BPSK	2674.98	H	146	58	9.85	1 / 19	16.43	26.28	0.424	33.01	-6.73
	QPSK	2511.00	H	130	33	9.50	1 / 58	16.49	26.00	0.398	33.01	-7.01
	QPSK	2592.99	H	115	61	9.49	1 / 39	15.31	24.80	0.302	33.01	-8.21
15 MHz	QPSK	2674.98	H	146	58	9.85	1 / 19	16.37	26.21	0.418	33.01	-6.80
	16-QAM	2674.98	H	146	58	9.85	1 / 19	16.07	25.92	0.391	33.01	-7.09
	π/2 BPSK	2506.02	H	130	33	9.50	1 / 13	17.04	26.54	0.450	33.01	-6.47
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 37	16.70	26.19	0.416	33.01	-6.82
	π/2 BPSK	2679.99	H	146	58	9.87	1 / 13	16.68	26.55	0.452	33.01	-6.46
	QPSK	2506.02	H	130	33	9.50	1 / 13	16.77	26.27	0.423	33.01	-6.74
10 MHz	QPSK	2592.99	H	115	61	9.49	1 / 37	15.51	25.00	0.316	33.01	-8.01
	QPSK	2679.99	H	146	58	9.87	1 / 13	16.63	26.50	0.447	33.01	-6.51
	16-QAM	2679.99	H	146	58	9.87	1 / 13	16.33	26.21	0.417	33.01	-6.80
	π/2 BPSK	2504.00	H	130	33	9.50	1 / 28	17.20	26.70	0.467	33.01	-6.31
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 28	17.35	26.84	0.483	33.01	-6.17
	π/2 BPSK	2682.50	H	146	58	9.87	1 / 28	16.53	26.39	0.436	33.01	-6.62
100 MHz	QPSK	2504.00	H	130	33	9.50	1 / 28	16.92	26.42	0.439	33.01	-6.59
	QPSK	2592.99	H	115	61	9.49	1 / 28	15.38	24.87	0.307	33.01	-8.14
	QPSK	2682.50	H	146	58	9.87	1 / 28	16.47	26.33	0.430	33.01	-6.68
	16-QAM	2682.50	H	146	58	9.87	1 / 28	16.16	26.03	0.401	33.01	-6.98
	π/2 BPSK	2501.00	H	130	33	9.49	1 / 6	17.20	26.69	0.467	33.01	-6.32
	π/2 BPSK	2592.99	H	115	61	9.49	1 / 6	16.67	26.16	0.413	33.01	-6.85
100 MHz	π/2 BPSK	2685.00	H	146	58	9.86	1 / 6	16.34	26.20	0.417	33.01	-6.81
	QPSK	2501.00	H	130	33	9.49	1 / 6	16.95	26.44	0.440	33.01	-6.57
	QPSK	2592.99	H	115	61	9.49	1 / 12	15.93	25.42	0.349	33.01	-7.59
	QPSK	2685.00	H	146	58	9.86	1 / 6	16.78	26.64	0.461	33.01	-6.37
	16-QAM	2685.00	H	146	58	9.86	1 / 6	16.23	26.09	0.407	33.01	-6.92
	QPSK (CP-OFDM)	2640.00	H	112	21	9.49	1 / 136	15.31	24.80	0.302	33.01	-8.21
QPSK (Opposite Pol.)	2640.00	V	120	82	9.46	1 / 136	14.90	24.36	0.273	33.01	-8.65	
QPSK (WCP)	2640.00	H	127	227	9.49	1 / 68	14.81	24.30	0.269	33.01	-8.71	

Table 7-37. EIRP Data (NR Band n41 – ANT F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 326 of 401



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	146	221	9.38	1 / 136	8.33	17.71	0.059	33.01	-15.30
	$\pi/2$ BPSK	2592.99	H	152	23	9.49	1 / 68	8.58	18.07	0.064	33.01	-14.94
	$\pi/2$ BPSK	2640.00	H	179	19	9.89	270 / 0	7.90	17.79	0.060	33.01	-15.22
	QPSK	2546.01	H	146	221	9.38	1 / 204	8.56	17.94	0.062	33.01	-15.07
	QPSK	2592.99	H	152	23	9.49	1 / 68	9.67	19.16	0.082	33.01	-13.85
	QPSK	2640.00	H	179	19	9.89	1 / 136	7.92	17.81	0.060	33.01	-15.20
	16-QAM	2592.99	H	152	23	9.49	1 / 68	9.28	18.77	0.075	33.01	-14.24
100 MHz	QPSK (CP-OFDM)	2593.0	H	149	27	9.49	1 / 68	9.57	19.06	0.081	33.01	-13.95
	QPSK (Opposite Pol.)	2593.0	V	120	84	9.46	1 / 136	7.77	17.23	0.053	33.01	-15.78

Table 7-38. EIRP Data (NR Band n41 – 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	V	172	259	9.40	1 / 204	4.65	14.05	0.025	33.01	-18.96
	$\pi/2$ BPSK	2592.99	V	133	273	9.46	1 / 204	6.32	15.78	0.038	33.01	-17.23
	$\pi/2$ BPSK	2640.00	V	126	275	9.50	1 / 68	6.12	15.62	0.036	33.01	-17.39
	QPSK	2546.01	V	172	259	9.40	1 / 204	4.55	13.95	0.025	33.01	-19.06
	QPSK	2592.99	V	133	273	9.46	1 / 204	6.35	15.81	0.038	33.01	-17.20
	QPSK	2640.00	V	126	275	9.50	1 / 68	5.54	15.04	0.032	33.01	-17.97
	16-QAM	2640.00	V	126	275	9.50	1 / 68	4.95	14.45	0.028	33.01	-18.56
100 MHz	QPSK (CP-OFDM)	2593.0	V	130	276	9.46	1 / 204	5.69	15.15	0.033	33.01	-17.86
	QPSK (Opposite Pol.)	2593.0	H	115	222	9.49	1 / 204	5.92	15.41	0.035	33.01	-17.60

Table 7-39. EIRP Data (NR Band n41 – 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	136	358	9.40	1 / 204	-0.64	8.76	0.008	33.01	-24.25
	$\pi/2$ BPSK	2592.99	V	115	364	9.46	1 / 136	0.07	9.53	0.009	33.01	-23.48
	$\pi/2$ BPSK	2640.00	V	120	2	9.50	1 / 136	0.57	10.07	0.010	33.01	-22.94
	QPSK	2546.01	V	136	358	9.40	1 / 204	-0.65	8.75	0.007	33.01	-24.26
	QPSK	2592.99	V	115	364	9.46	1 / 204	0.28	9.74	0.009	33.01	-23.27
	QPSK	2640.00	V	120	2	9.50	1 / 136	1.41	10.91	0.012	33.01	-22.10
	16-QAM	2640.00	V	120	2	9.50	1 / 68	0.69	10.19	0.010	33.01	-22.82
100 MHz	QPSK (CP-OFDM)	2640.0	V	123	3	9.50	1 / 68	0.74	10.24	0.011	33.01	-22.77
	QPSK (Opposite Pol.)	2640.0	H	137	45	9.89	1 / 136	0.41	10.30	0.011	33.01	-22.71

Table 7-40. EIRP Data (NR Band n41 – ANT D)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 327 of 401

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	H	182	339	9.38	1 / 68	15.32	24.70	0.295	33.01	-8.31
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 136	15.56	25.05	0.320	33.01	-7.96
	π/2 BPSK	2640.00	H	195	335	9.89	1 / 136	14.77	24.66	0.293	33.01	-8.35
	QPSK	2546.01	H	182	339	9.38	1 / 68	15.35	24.73	0.297	33.01	-8.28
	QPSK	2592.99	H	108	343	9.49	1 / 136	14.59	24.08	0.256	33.01	-8.93
	QPSK	2640.00	H	195	335	9.89	1 / 136	14.44	24.33	0.271	33.01	-8.68
90 MHz	16-QAM	2546.01	H	182	339	9.38	1 / 68	14.56	23.94	0.248	33.01	-9.07
	π/2 BPSK	2541.00	H	182	339	9.39	1 / 61	15.12	24.51	0.282	33.01	-8.50
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 122	15.52	25.01	0.317	33.01	-8.00
	π/2 BPSK	2644.98	H	195	335	9.91	1 / 122	15.28	25.19	0.331	33.01	-7.82
	QPSK	2541.00	H	182	339	9.39	1 / 61	15.53	24.91	0.310	33.01	-8.10
	QPSK	2592.99	H	108	343	9.49	1 / 122	14.21	23.70	0.235	33.01	-9.31
80 MHz	QPSK	2644.98	H	195	335	9.91	1 / 122	14.54	24.45	0.279	33.01	-8.56
	16-QAM	2644.98	H	195	335	9.91	1 / 122	14.70	24.61	0.289	33.01	-8.40
	π/2 BPSK	2536.02	H	182	339	9.40	1 / 108	15.25	24.65	0.291	33.01	-8.36
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 54	15.23	24.72	0.297	33.01	-8.29
	π/2 BPSK	2649.99	H	195	335	9.93	1 / 54	14.85	24.78	0.301	33.01	-8.23
	QPSK	2536.02	H	182	339	9.40	1 / 108	15.11	24.51	0.283	33.01	-8.50
70 MHz	QPSK	2592.99	H	108	343	9.49	1 / 54	14.53	24.02	0.253	33.01	-8.99
	QPSK	2649.99	H	195	335	9.93	1 / 54	14.85	24.79	0.301	33.01	-8.23
	16-QAM	2536.02	H	182	339	9.40	1 / 108	14.20	23.60	0.229	33.01	-9.41
	π/2 BPSK	2531.01	H	182	339	9.41	1 / 47	15.56	24.97	0.314	33.01	-8.04
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 47	15.91	25.40	0.347	33.01	-7.61
	π/2 BPSK	2655.00	H	195	335	9.89	1 / 141	15.21	25.10	0.324	33.01	-7.91
60 MHz	QPSK	2531.01	H	182	339	9.41	1 / 47	15.75	25.16	0.328	33.01	-7.85
	QPSK	2592.99	H	108	343	9.49	1 / 47	14.41	23.90	0.246	33.01	-9.11
	QPSK	2655.00	H	195	335	9.89	1 / 141	14.73	24.62	0.290	33.01	-8.39
	16-QAM	2655.00	H	195	335	9.89	1 / 141	14.21	24.10	0.257	33.01	-8.91
	π/2 BPSK	2526.00	H	182	339	9.43	1 / 81	15.14	24.57	0.287	33.01	-8.44
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 40	15.35	24.84	0.305	33.01	-8.17
50 MHz	π/2 BPSK	2659.98	H	195	335	9.85	1 / 81	14.98	24.83	0.304	33.01	-8.18
	QPSK	2526.00	H	182	339	9.43	1 / 81	15.52	24.95	0.313	33.01	-8.06
	QPSK	2592.99	H	108	343	9.49	1 / 40	14.89	24.38	0.274	33.01	-8.63
	QPSK	2659.98	H	195	335	9.85	1 / 81	14.88	24.73	0.297	33.01	-8.28
	16-QAM	2526.00	H	182	339	9.43	1 / 81	14.79	24.22	0.264	33.01	-8.79
	π/2 BPSK	2521.02	H	182	339	9.45	1 / 99	15.00	24.45	0.279	33.01	-8.56
40 MHz	π/2 BPSK	2592.99	H	108	343	9.49	1 / 99	15.37	24.86	0.306	33.01	-8.15
	π/2 BPSK	2664.99	H	195	335	9.84	1 / 66	15.31	25.15	0.327	33.01	-7.86
	QPSK	2521.02	H	182	339	9.45	1 / 99	15.34	24.79	0.301	33.01	-8.22
	QPSK	2592.99	H	108	343	9.49	1 / 99	14.41	23.90	0.245	33.01	-9.11
	QPSK	2664.99	H	195	335	9.84	1 / 66	13.91	23.75	0.237	33.01	-9.26
	16-QAM	2521.02	H	182	339	9.45	1 / 99	14.98	24.43	0.277	33.01	-8.58
30 MHz	π/2 BPSK	2516.01	H	182	339	9.48	1 / 53	15.38	24.86	0.306	33.01	-8.15
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 79	16.07	25.56	0.360	33.01	-7.45
	π/2 BPSK	2670.00	H	195	335	9.82	1 / 26	15.31	25.13	0.326	33.01	-7.88
	QPSK	2516.01	H	182	339	9.48	1 / 79	15.45	24.93	0.311	33.01	-8.08
	QPSK	2592.99	H	108	343	9.49	1 / 79	15.33	24.82	0.303	33.01	-8.19
	QPSK	2670.00	H	195	335	9.82	1 / 79	13.93	23.75	0.237	33.01	-9.26
20 MHz	16-QAM	2516.01	H	182	339	9.48	1 / 79	14.89	24.36	0.273	33.01	-8.65
	π/2 BPSK	2511.00	H	182	339	9.50	1 / 58	15.53	25.03	0.318	33.01	-7.98
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 58	15.76	25.25	0.335	33.01	-7.76
	π/2 BPSK	2674.98	H	195	335	9.85	1 / 39	15.38	25.23	0.333	33.01	-7.78
	QPSK	2511.00	H	182	339	9.50	1 / 58	15.77	25.28	0.337	33.01	-7.73
	QPSK	2592.99	H	108	343	9.49	1 / 58	14.81	24.31	0.270	33.01	-8.70
15 MHz	QPSK	2674.98	H	195	335	9.85	1 / 39	15.25	25.10	0.323	33.01	-7.91
	16-QAM	2511.00	H	182	339	9.50	1 / 58	15.03	24.54	0.284	33.01	-8.47
	π/2 BPSK	2506.02	H	182	339	9.50	1 / 25	15.92	25.42	0.348	33.01	-7.59
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 37	15.80	25.29	0.338	33.01	-7.72
	π/2 BPSK	2679.99	H	195	335	9.87	1 / 13	15.50	25.37	0.344	33.01	-7.64
	QPSK	2506.02	H	182	339	9.50	1 / 37	16.23	25.73	0.374	33.01	-7.28
10 MHz	QPSK	2592.99	H	108	343	9.49	1 / 37	14.86	24.36	0.273	33.01	-8.66
	QPSK	2679.99	H	195	335	9.87	1 / 37	15.24	25.11	0.325	33.01	-7.90
	16-QAM	2506.02	H	182	339	9.50	1 / 37	15.47	24.97	0.314	33.01	-8.04
	π/2 BPSK	2504.00	H	182	339	9.50	1 / 28	14.65	24.15	0.260	33.01	-8.86
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 9	15.49	24.98	0.315	33.01	-8.03
	π/2 BPSK	2682.50	H	195	335	9.85	1 / 9	14.97	24.82	0.303	33.01	-8.19
100 MHz	QPSK	2504.00	H	182	339	9.50	1 / 28	14.89	24.39	0.275	33.01	-8.62
	QPSK	2592.99	H	108	343	9.49	1 / 9	14.49	23.98	0.250	33.01	-9.03
	QPSK	2682.50	H	195	335	9.85	1 / 9	14.62	24.47	0.280	33.01	-8.54
	16-QAM	2511.00	H	182	339	9.50	1 / 28	14.23	23.74	0.236	33.01	-9.27
	π/2 BPSK	2501.00	H	182	339	9.50	1 / 17	14.28	23.78	0.239	33.01	-9.23
	π/2 BPSK	2592.99	H	108	343	9.49	1 / 17	15.31	24.80	0.302	33.01	-8.21
100 MHz	π/2 BPSK	2685.00	H	195	335	9.87	1 / 17	14.78	24.65	0.292	33.01	-8.36
	QPSK	2501.00	H	182	339	9.50	1 / 17	14.56	24.06	0.255	33.01	-8.95
	QPSK	2592.99	H	108	343	9.49	1 / 17	14.40	23.89	0.245	33.01	-9.12
	QPSK	2685.00	H	195	335	9.87	1 / 17	14.48	24.35	0.272	33.01	-8.66
	16-QAM	2679.99	H	195	335	9.87	1 / 17	13.54	23.41	0.219	33.01	-9.60
	QPSK (CP-OFDM)	2592.99	H	108	331	9.49	1 / 136	13.94	23.43	0.220	33.01	-9.58
QPSK (Opposite Pol.)	2592.99	V	241	256	9.49	1 / 136	12.69	22.18	0.165	33.01	-10.83	
QPSK (WCP)	2592.99	H	137	337	9.49	1 / 68	14.00	23.49	0.223	33.01	-9.52	

Table 7-41. EIRP Data (NR Band n41 – Switching ANT B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-04.A3L	Test Dates: 9/9/2022 - 11/25/2022	EUT Type: Portable Tablet	Page 328 of 401

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	192	55	9.40	1 / 136	6.41	15.81	0.038	33.01	-17.20
	$\pi/2$ BPSK	2592.99	V	152	51	9.46	1 / 68	6.01	15.47	0.035	33.01	-17.54
	$\pi/2$ BPSK	2640.00	V	133	318	9.50	1 / 136	6.65	16.15	0.041	33.01	-16.86
	QPSK	2546.01	V	192	55	9.40	1 / 136	6.97	16.37	0.043	33.01	-16.64
	QPSK	2592.99	V	152	51	9.46	1 / 68	6.25	15.71	0.037	33.01	-17.30
	QPSK	2640.00	V	133	318	9.50	1 / 136	6.88	16.38	0.043	33.01	-16.63
100 MHz	16-QAM	2640.00	V	133	318	9.50	1 / 136	6.23	15.73	0.037	33.01	-17.28
	QPSK (CP-OFDM)	2640.0	V	153	313	9.50	1 / 204	6.20	15.70	0.037	33.01	-17.31
	QPSK (Opposite Pol.)	2640.0	H	159	329	9.89	1 / 204	6.09	15.98	0.040	33.01	-17.03

Table 7-42. EIRP Data (NR Band n41 – 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	136	360	9.40	1 / 136	0.43	9.83	0.010	33.01	-23.18
	$\pi/2$ BPSK	2592.99	V	143	1	9.46	1 / 204	0.19	9.65	0.009	33.01	-23.36
	$\pi/2$ BPSK	2640.00	V	120	13	9.50	1 / 204	2.54	12.04	0.016	33.01	-20.97
	QPSK	2546.01	V	136	360	9.40	1 / 136	1.15	10.55	0.011	33.01	-22.46
	QPSK	2592.99	V	143	1	9.46	1 / 204	0.23	9.69	0.009	33.01	-23.32
	QPSK	2640.00	V	120	13	9.50	1 / 204	2.32	11.82	0.015	33.01	-21.19
100 MHz	16-QAM	2640.00	V	120	13	9.50	1 / 204	2.04	11.54	0.014	33.01	-21.47
	QPSK (CP-OFDM)	2640.0	V	126	8	9.50	1 / 204	2.42	11.92	0.016	33.01	-21.09
	QPSK (Opposite Pol.)	2640.0	H	137	43	9.89	1 / 204	1.97	11.86	0.015	33.01	-21.15

Table 7-43. EIRP Data (NR Band n41 – 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	153	226	9.38	1 / 204	4.18	13.56	0.023	33.01	-19.45
	$\pi/2$ BPSK	2592.99	H	143	227	9.49	1 / 136	4.37	13.86	0.024	33.01	-19.15
	$\pi/2$ BPSK	2640.00	H	137	227	9.89	1 / 136	4.76	14.65	0.029	33.01	-18.36
	QPSK	2546.01	H	153	226	9.38	1 / 204	4.15	13.53	0.023	33.01	-19.48
	QPSK	2592.99	H	143	227	9.49	1 / 136	3.86	13.35	0.022	33.01	-19.66
	QPSK	2640.00	H	137	227	9.89	1 / 136	4.27	14.16	0.026	33.01	-18.85
100 MHz	16-QAM	2640.00	H	137	227	9.89	1 / 136	4.02	13.91	0.025	33.01	-19.10
	QPSK (CP-OFDM)	2640.0	H	146	227	9.89	1 / 136	2.77	12.66	0.018	33.01	-20.35
	QPSK (Opposite Pol.)	2640.0	V	130	283	9.50	1 / 68	3.40	12.90	0.020	33.01	-20.11

Table 7-44. EIRP Data (NR Band n41 – Switching ANT E)

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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

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Test Setup

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

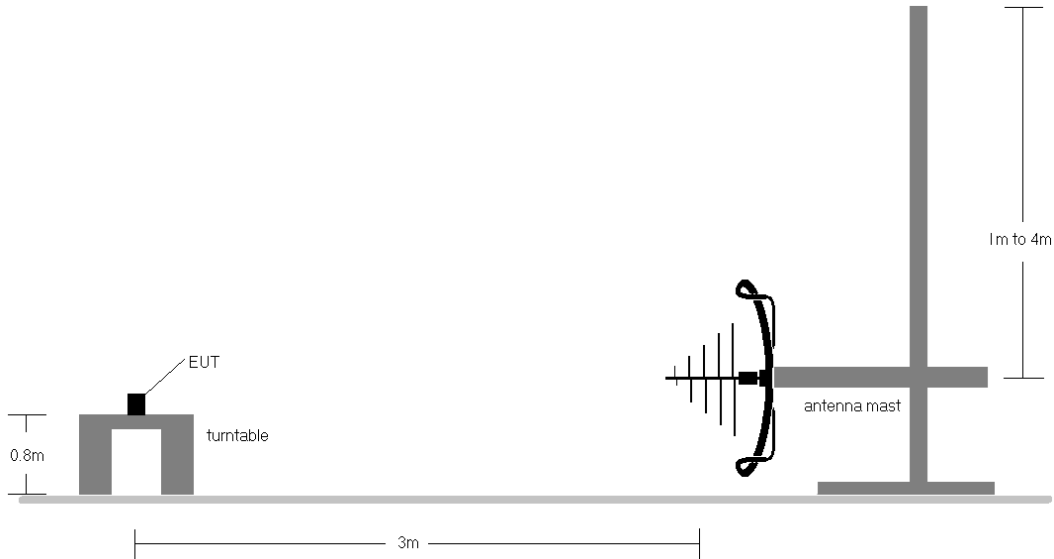


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

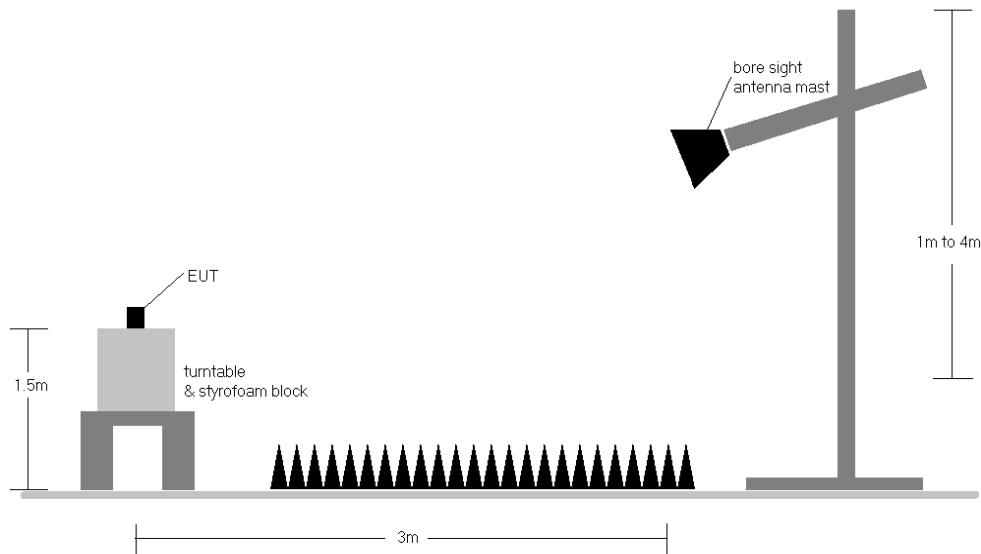


Figure 7-7. Test Instrument & Measurement Setup >1 GHz

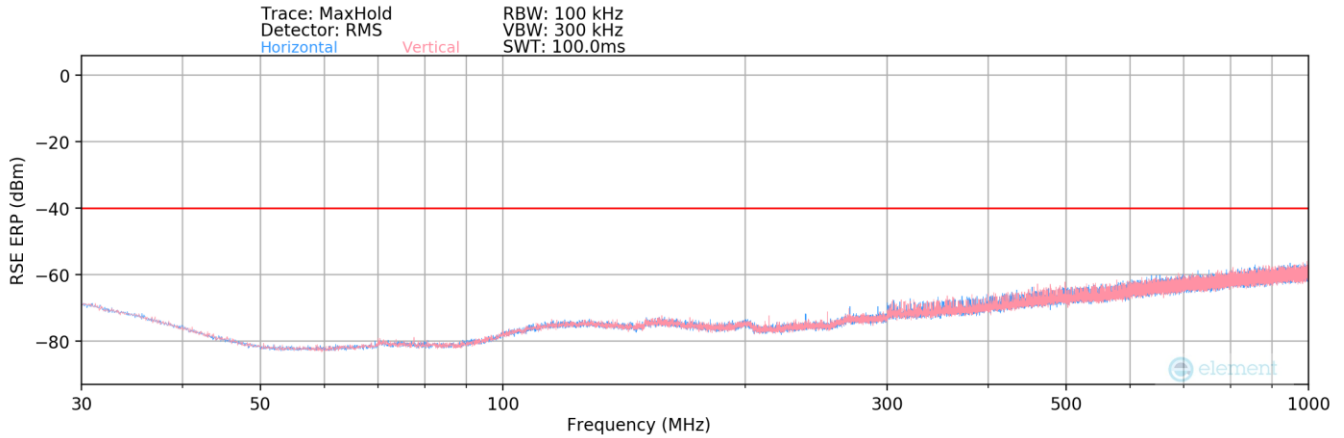
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Test Notes

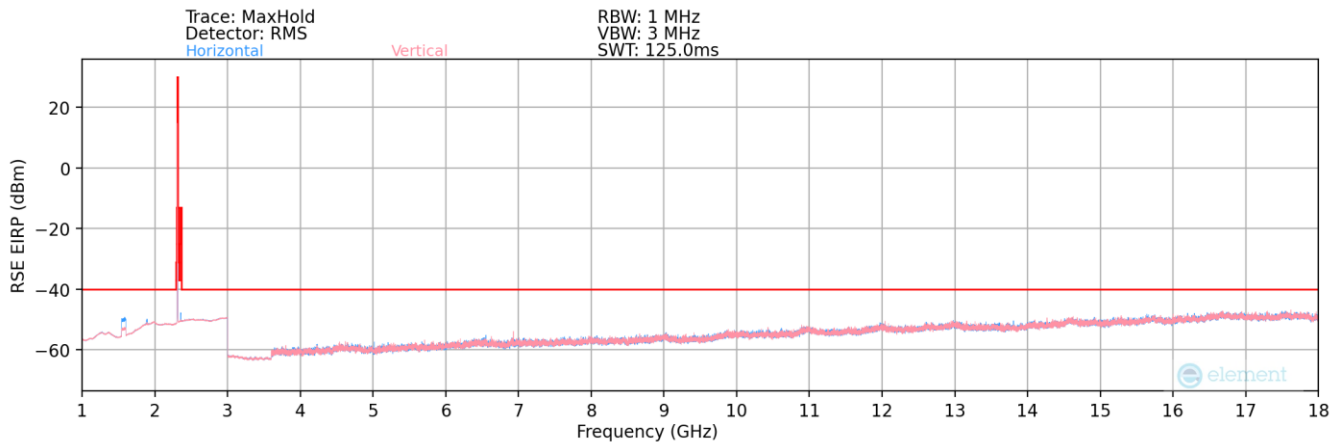
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; 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.

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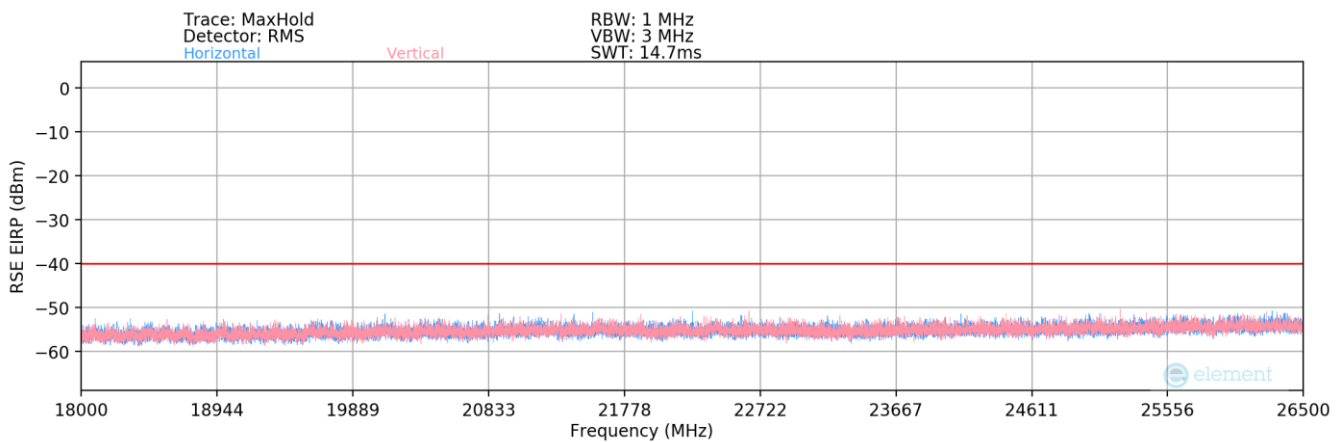
LTE Band 30 – Ant A



Plot 7-554. Radiated Spurious Plot (LTE Band 30 – Ant A)



Plot 7-555. Radiated Spurious Plot (LTE Band 30 – Ant A)



Plot 7-556. Radiated Spurious Plot (LTE Band 30 – Ant A)

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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]
79.00	H	-	-	-98.17	14.31	23.14	-74.27	-40.00	-34.27
266.00	H	-	-	-98.82	20.20	28.38	-69.03	-40.00	-29.03

Table 7-45. 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	120	28	-73.19	4.56	38.37	-56.89	-40.00	-16.89
6930.00	H	117	37	-75.48	7.20	38.72	-56.54	-40.00	-16.54
9240.00	H	-	-	-79.40	8.81	36.41	-58.85	-40.00	-18.85
11550.00	H	-	-	-80.84	12.86	39.02	-56.24	-40.00	-16.24
13860.00	H	-	-	-80.88	14.47	40.59	-54.67	-40.00	-14.67

Table 7-46. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant A)

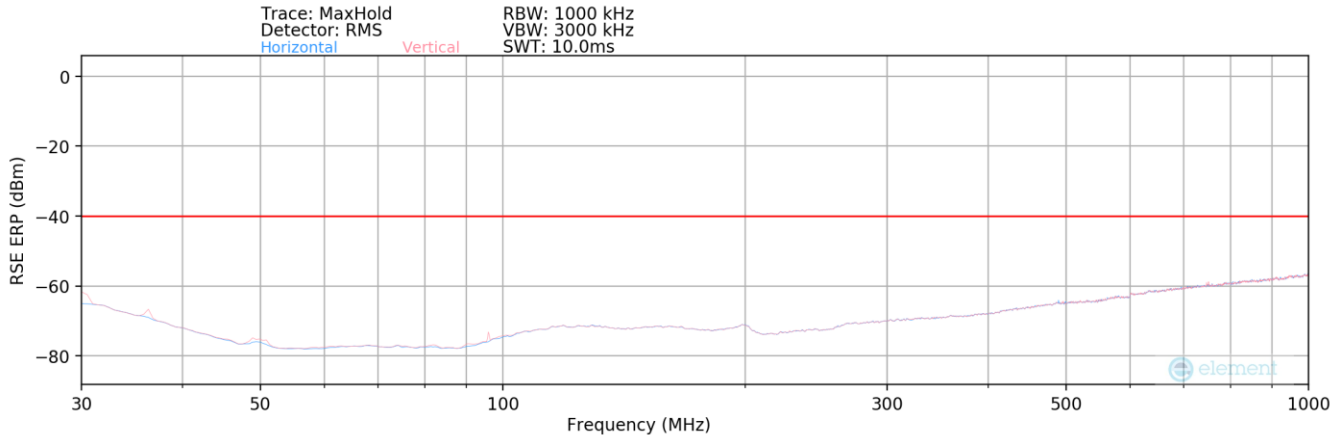
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

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	248	257	-77.24	4.56	34.32	-60.94	-40.00	-20.94
6930.00	H	132	73	-77.79	7.20	36.41	-58.85	-40.00	-18.85
9240.00	H	-	-	-79.43	8.81	36.38	-58.88	-40.00	-18.88
11550.00	H	-	-	-80.80	12.86	39.06	-56.20	-40.00	-16.20
13860.00	H	-	-	-80.84	14.47	40.63	-54.63	-40.00	-14.63

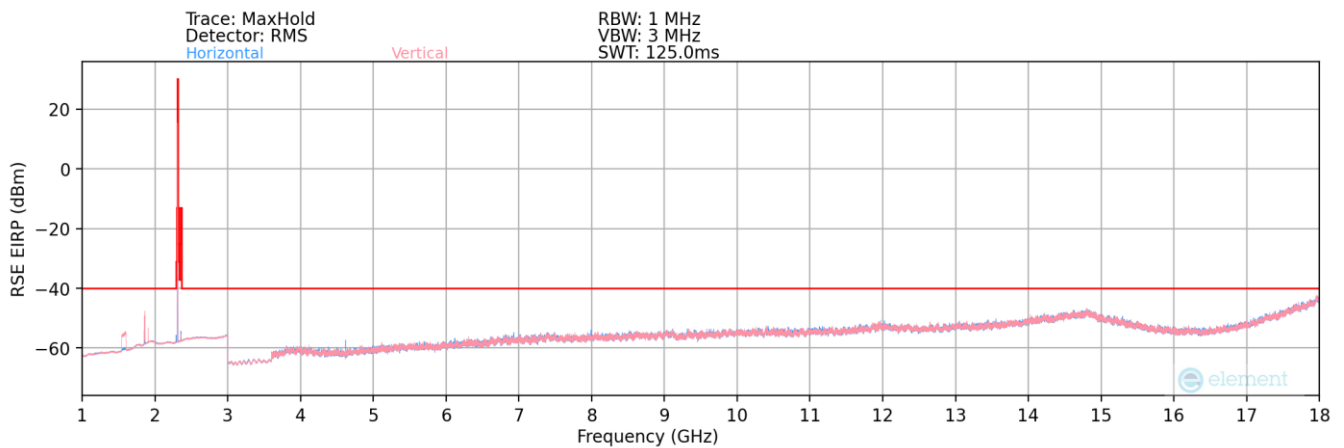
Table 7-47. Radiated Spurious Data with WCP (LTE Band 30 – Mid Channel – Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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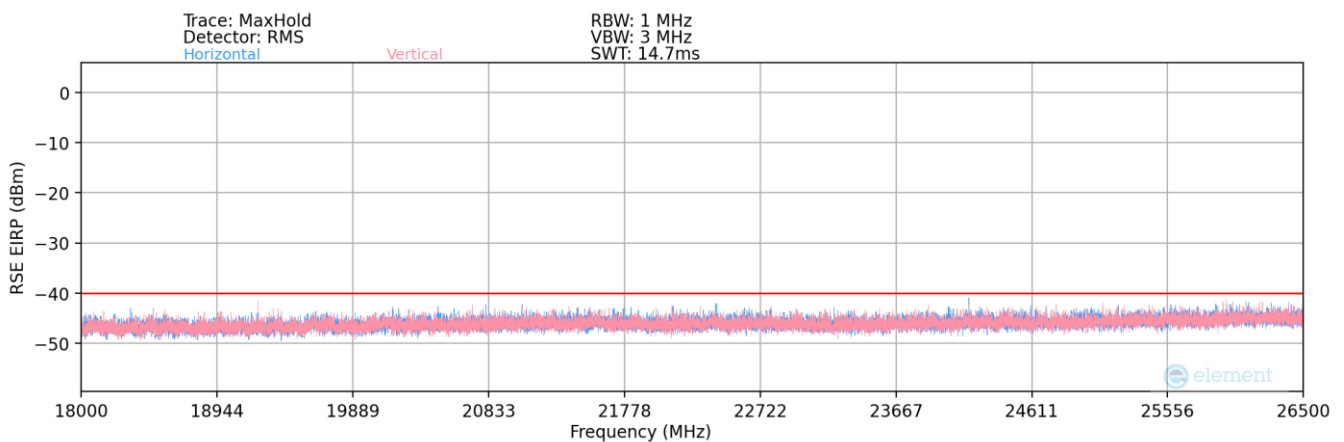
LTE Band 30 – Ant F



Plot 7-557. Radiated Spurious Plot (LTE Band 30 – Ant F)



Plot 7-558. Radiated Spurious Plot (LTE Band 30 – Ant F)



Plot 7-559. Radiated Spurious Plot (LTE Band 30 – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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]
50.50	H	-	-	-91.23	15.45	31.22	-66.19	-40.00	-26.19
192.26	H	-	-	-90.47	20.22	36.75	-60.66	-40.00	-20.66
294.75	H	-	-	-90.60	21.31	37.71	-59.70	-40.00	-19.70

Table 7-48. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	H	107	259	-69.75	-1.91	35.34	-59.92	-40.00	-19.92
6930.00	H	107	265	-73.30	3.92	37.62	-57.64	-40.00	-17.64
9240.00	H	-	-	-78.05	7.04	35.99	-59.27	-40.00	-19.27
11550.00	H	-	-	-78.31	9.07	37.76	-57.50	-40.00	-17.50
13860.00	H	-	-	-78.03	11.57	40.54	-54.71	-40.00	-14.71

Table 7-49. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant F)

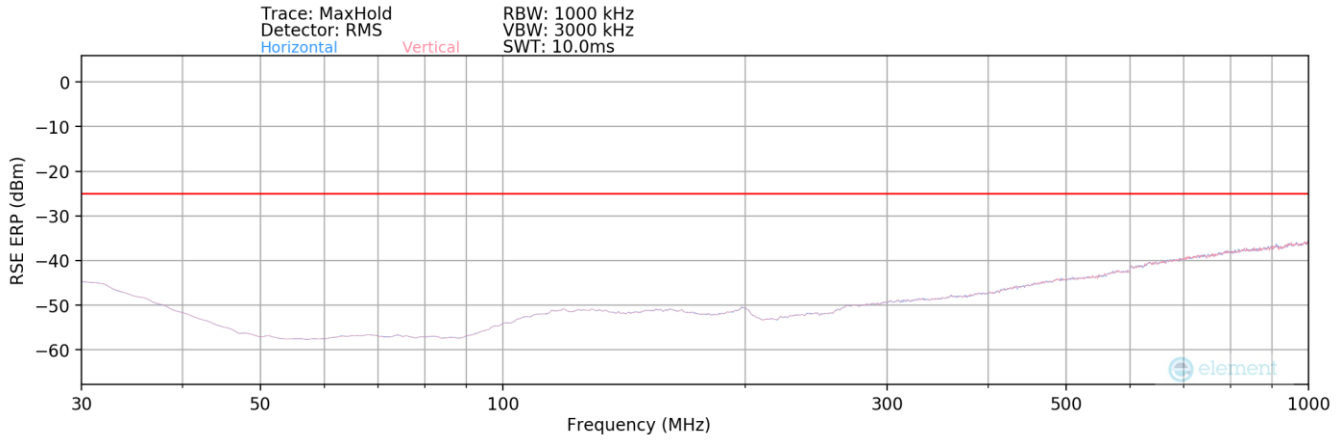
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

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	-	-	-78.54	4.56	33.02	-62.24	-40.00	-22.24
6930.00	H	-	-	-79.86	7.20	34.34	-60.92	-40.00	-20.92
9240.00	H	-	-	-80.24	8.81	35.57	-59.69	-40.00	-19.69

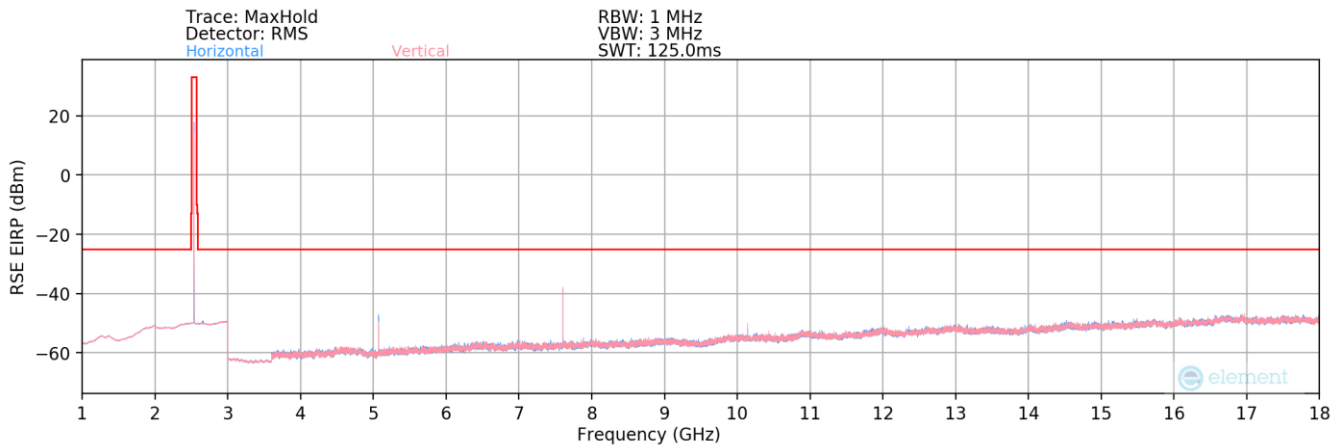
Table 7-50. Radiated Spurious Data with WCP (LTE Band 30 – Mid Channel – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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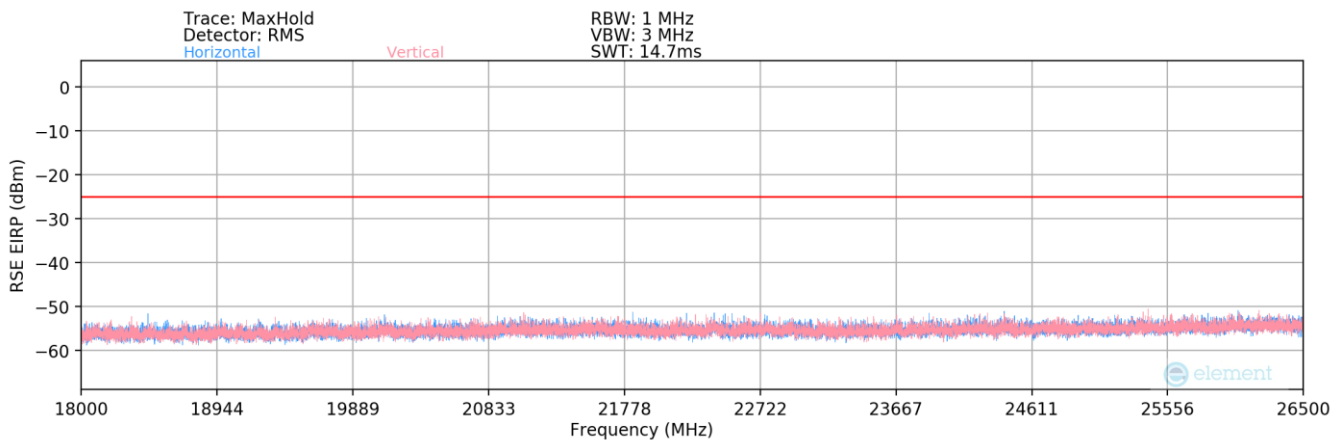
LTE Band 7 – Ant B



Plot 7-560. Radiated Spurious Plot (LTE Band 7 – Ant B)



Plot 7-561. Radiated Spurious Plot (LTE Band 7 – Ant B)



Plot 7-562. Radiated Spurious Plot (LTE Band 7 – Ant B)

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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]
56.53	H	-	-	-84.10	14.13	37.03	-60.37	-25.00	-35.37
105.40	H	-	-	-84.12	18.74	41.62	-70.00	-25.00	-45.00
309.97	H	-	-	-83.96	21.63	44.67	-52.74	-25.00	-27.74

Table 7-51. 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	121	54	-54.16	4.40	57.24	-38.01	-25.00	-13.01
7530.00	H	275	311	-56.70	7.59	57.89	-37.37	-25.00	-12.37
10040.00	H	358	100	-71.00	10.36	46.36	-48.90	-25.00	-23.90
12550.00	H	-	-	-80.60	13.64	40.04	-55.21	-25.00	-30.21
15060.00	H	-	-	-80.85	15.46	41.61	-53.65	-25.00	-28.65
17570.00	H	-	-	-79.78	17.14	44.36	-50.90	-25.00	-25.90

Table 7-52. 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	132	56	-56.32	4.73	55.41	-39.85	-25.00	-14.85
7605.00	H	121	318	-56.62	8.12	58.50	-36.76	-25.00	-11.76
10140.00	H	351	96	-71.91	11.00	46.09	-49.17	-25.00	-24.17
12675.00	H	-	-	-80.38	13.89	40.51	-54.75	-25.00	-29.75
15210.00	H	-	-	-80.61	15.93	42.32	-52.94	-25.00	-27.94
17745.00	H	-	-	-80.69	17.91	44.22	-51.04	-25.00	-26.04

Table 7-53. 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	131	50	-52.66	4.82	59.16	-36.10	-25.00	-11.10
7680.00	H	252	322	-53.16	7.43	61.27	-33.99	-25.00	-8.99
10240.00	H	345	279	-70.96	11.15	47.19	-48.07	-25.00	-23.07
12800.00	H	-	-	-80.43	14.24	40.81	-54.45	-25.00	-29.45
15360.00	H	-	-	-80.35	15.70	42.35	-52.90	-25.00	-27.90
17920.00	H	-	-	-80.71	17.31	43.60	-51.66	-25.00	-26.66

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

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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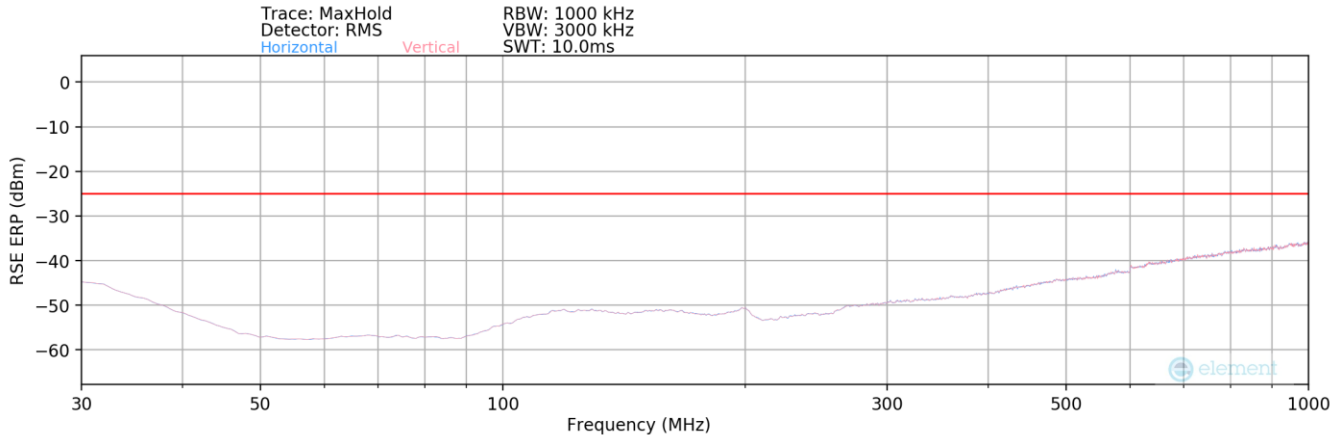
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

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	326	98	-57.67	4.82	54.15	-41.11	-25.00	-16.11
7680.00	H	329	339	-58.63	7.43	55.80	-39.46	-25.00	-14.46
10240.00	H	219	15	-73.35	11.15	44.80	-50.46	-25.00	-25.46
12800.00	H	-	-	-80.38	14.24	40.86	-54.40	-25.00	-29.40
15360.00	H	-	-	-80.23	15.70	42.47	-52.78	-25.00	-27.78
17920.00	H	-	-	-80.74	17.31	43.57	-51.69	-25.00	-26.69

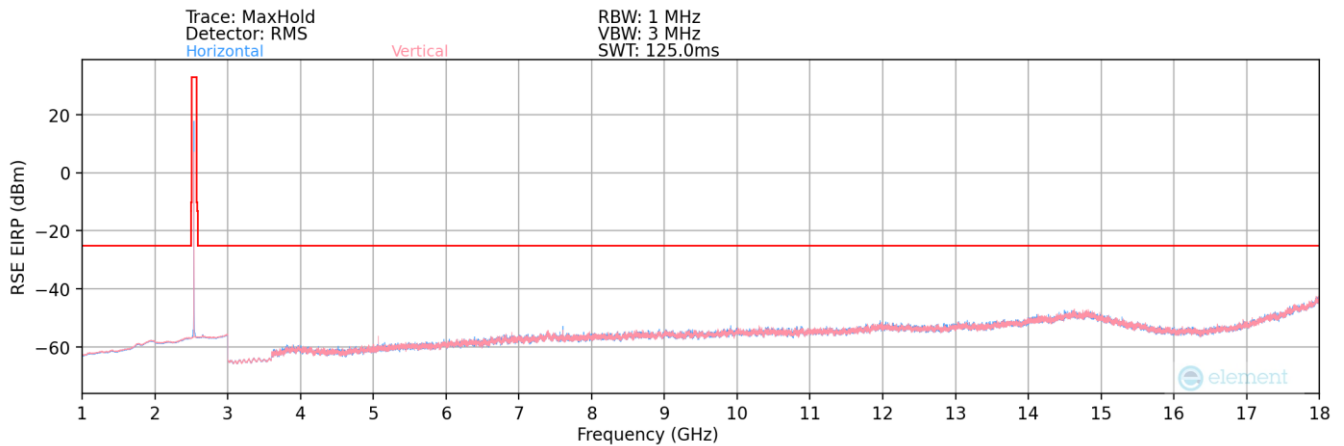
7Table 7-55. Radiated Spurious Data with WCP (LTE Band – High Channel – Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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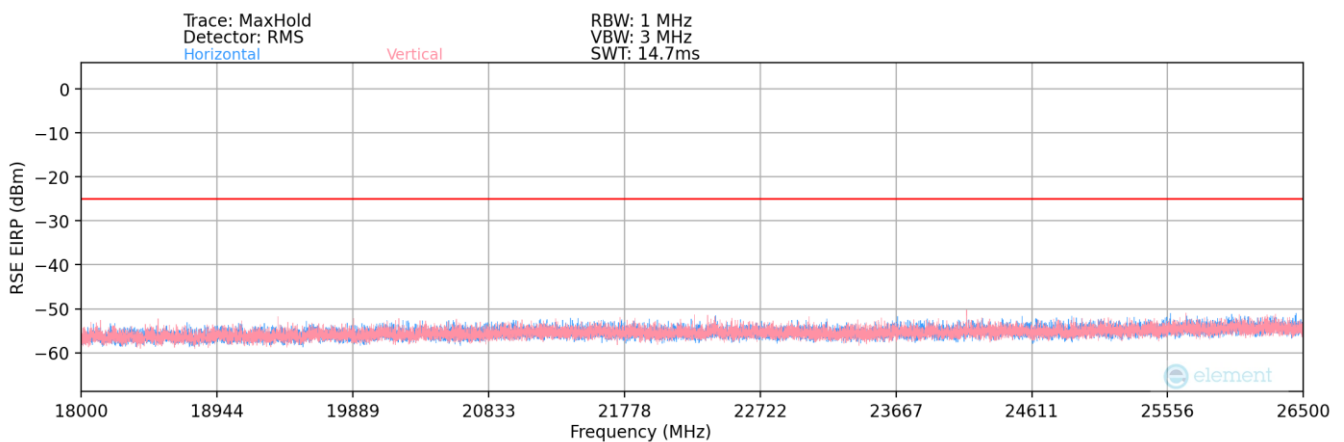
LTE Band 7 – Ant F



Plot 7-563. Radiated Spurious Plot (LTE Band 7 – Ant F)



Plot 7-564. Radiated Spurious Plot (LTE Band 7 – Ant F)



Plot 7-565. Radiated Spurious Plot (LTE Band 7 – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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]
47.19	V	-	-	-84.26	15.52	38.26	-59.15	-25.00	-34.15
102.21	V	-	-	-84.21	17.62	40.41	-56.99	-25.00	-31.99
195.47	V	-	-	-84.11	19.44	42.33	-55.08	-25.00	-30.08

Table 7-56. 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	361	225	-71.48	-0.45	35.07	-60.19	-25.00	-35.19
7530.00	V	187	223	-73.28	4.27	37.99	-57.27	-25.00	-32.27
10040.00	V	-	-	-77.82	8.13	37.31	-57.95	-25.00	-32.95
12550.00	V	-	-	-77.70	9.66	38.96	-56.30	-25.00	-31.30
15060.00	V	-	-	-78.22	12.56	41.34	-53.91	-25.00	-28.91

Table 7-57. 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	278	234	-70.96	-0.13	35.91	-59.35	-25.00	-34.35
7605.00	V	286	227	-72.68	4.72	39.04	-56.21	-25.00	-31.21
10140.00	V	-	-	-77.87	8.39	37.52	-57.74	-25.00	-32.74
12675.00	V	-	-	-77.86	9.71	38.85	-56.41	-25.00	-31.41
15210.00	V	-	-	-77.79	12.12	41.33	-53.92	-25.00	-28.92

Table 7-58. Radiated Spurious Data (LTE Band 7 – Mid Channel – Ant F)

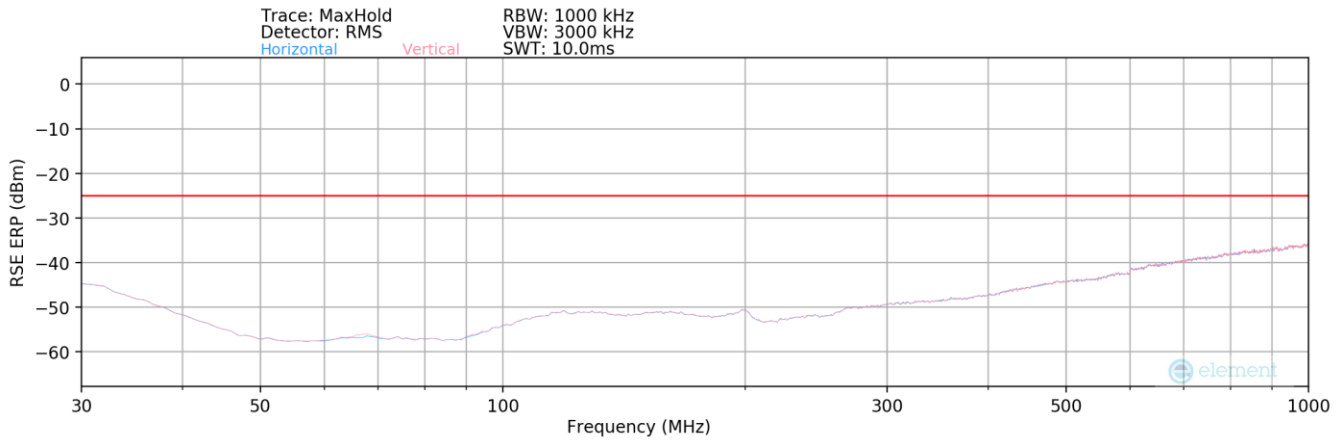
Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

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	121	20	-72.46	-0.08	34.46	-60.79	-25.00	-35.79
7680.00	V	180	222	-72.31	4.66	39.35	-55.91	-25.00	-30.91
10240.00	V	-	-	-77.76	8.62	37.86	-57.39	-25.00	-32.39
12800.00	V	-	-	-78.59	9.78	38.19	-57.07	-25.00	-32.07
15360.00	V	-	-	-78.69	11.34	39.65	-55.61	-25.00	-30.61

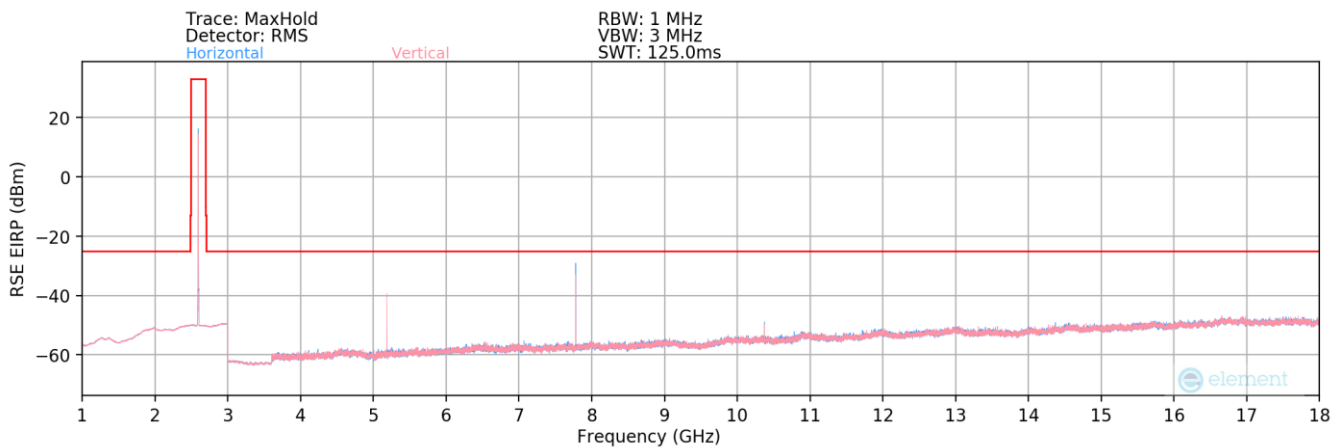
Table 7-59. Radiated Spurious Data (LTE Band 7 – High Channel – Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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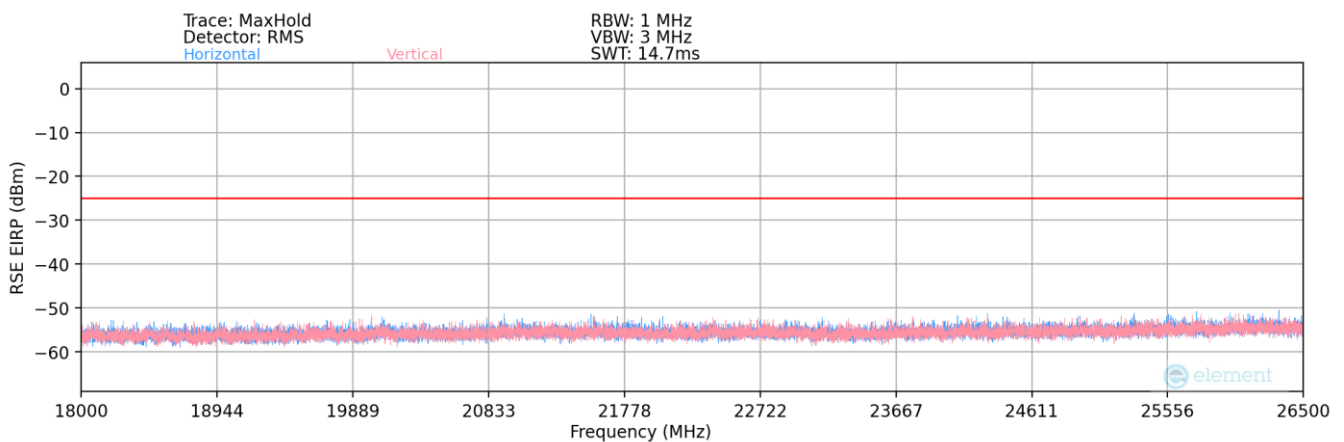
LTE Band 41(PC2) – Ant B



Plot 7-566. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)



Plot 7-567. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)



Plot 7-568. Radiated Spurious Plot (LTE Band 41(PC2) – Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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]
62.31	H	-	-	-84.41	14.55	37.14	-60.27	-25.00	-35.27
196.74	H	-	-	-84.05	19.80	42.75	-54.66	-25.00	-29.66
305.24	H	-	-	-84.04	21.27	44.23	-53.18	-25.00	-28.18

Table 7-60. Radiated Spurious Data Below 1GHz (LTE Band 41(PC2) 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	124	57	-54.27	4.36	57.09	-38.17	-25.00	-13.17
7518.00	H	129	318	-53.04	7.50	61.46	-33.80	-25.00	-8.80
10024.00	H	333	86	-69.97	10.28	47.31	-47.95	-25.00	-22.95
12530.00	H	338	41	-75.26	13.59	45.33	-49.93	-25.00	-24.93
15036.00	H	-	-	-80.75	15.29	41.54	-53.71	-25.00	-28.71
17542.00	H	255	15	-75.02	17.15	49.13	-46.13	-25.00	-21.13
20048.00	H	-	-	-65.30	2.99	44.69	-60.11	-25.00	-35.11
22554.00	H	-	-	-65.40	3.79	45.40	-59.40	-25.00	-34.40

Table 7-61. 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	137	57	-51.40	5.06	60.66	-34.59	-25.00	-9.59
7779.00	H	266	310	-48.31	7.29	65.98	-29.27	-25.00	-4.27
10372.00	H	344	284	-70.68	11.01	47.33	-47.93	-25.00	-22.93
12965.00	H	-	-	-79.56	14.59	42.03	-53.23	-25.00	-28.23
15558.00	H	358	53	-76.40	15.64	46.24	-49.02	-25.00	-24.02
18151.00	H	-	-	-64.81	1.37	43.56	-61.24	-25.00	-36.24
20744.00	H	-	-	-65.64	3.41	44.77	-60.03	-25.00	-35.03
23337.00	H	-	-	-65.74	3.75	45.01	-59.79	-25.00	-34.79

Table 7-62. Radiated Spurious Data (LTE Band 41(PC2) – Mid Channel – Ant B)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	126	53	-60.48	4.86	51.38	-43.88	-25.00	-18.88
8040.00	H	239	328	-62.50	8.14	52.64	-42.62	-25.00	-17.62
10720.00	H	309	17	-74.56	11.70	44.14	-51.12	-25.00	-26.12
13400.00	H	-	-	-80.47	13.81	40.34	-54.91	-25.00	-29.91
16080.00	H	-	-	-80.36	16.85	43.49	-51.76	-25.00	-26.76
18760.00	H	-	-	-65.08	1.80	43.73	-61.07	-25.00	-36.07
21440.00	H	-	-	-65.32	3.82	45.50	-59.30	-25.00	-34.30
24120.00	H	-	-	-65.32	4.31	45.99	-58.81	-25.00	-33.81

Table 7-63. Radiated Spurious Data (LTE Band 41(PC2) – High Channel – Ant B)

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	134	357	-59.98	5.06	52.08	-43.17	-25.00	-18.17
7779.00	H	365	328	-52.94	7.29	61.35	-33.90	-25.00	-8.90
10372.00	H	234	344	-71.10	11.01	46.91	-48.35	-25.00	-23.35
12965.00	H	-	-	-80.34	14.59	41.25	-54.01	-25.00	-29.01
15558.00	H	-	-	-79.40	15.64	43.24	-52.02	-25.00	-27.02
18151.00	H	-	-	-64.61	1.37	43.76	-51.50	-25.00	-26.50
20744.00	H	-	-	-65.68	3.41	44.73	-50.53	-25.00	-25.53
23337.00	H	-	-	-65.54	3.75	45.21	-50.05	-25.00	-25.05

Table 7-64. Radiated Spurious Data (LTE Band 41(PC2) – WCP)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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