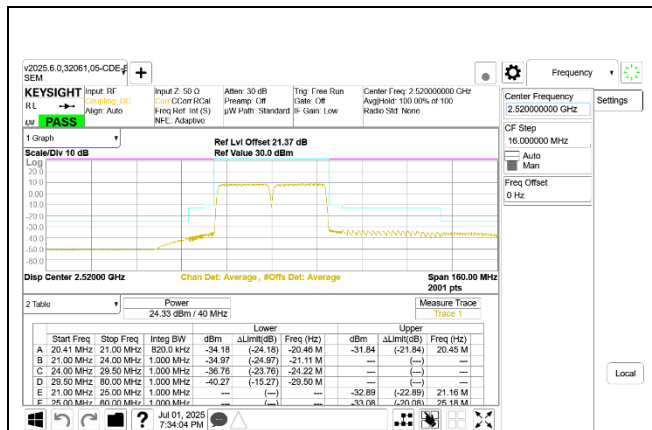
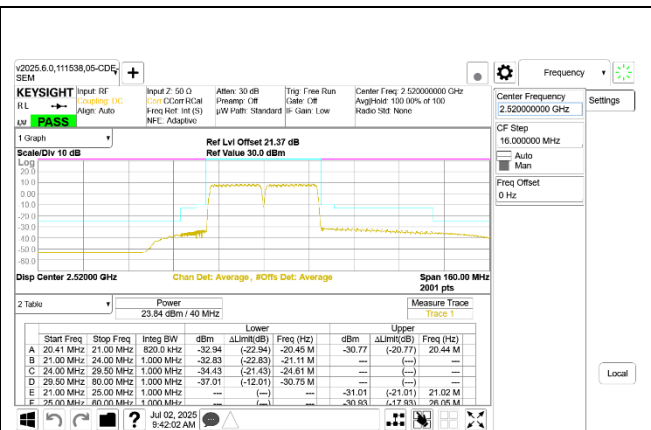
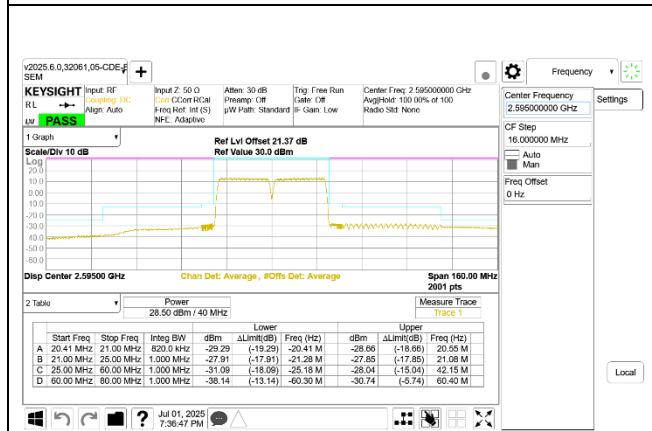




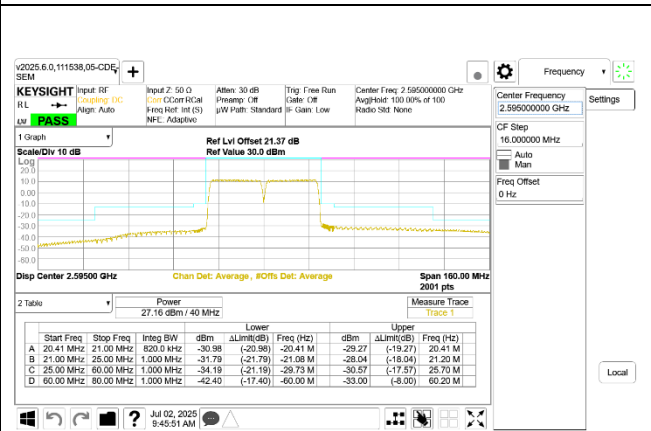
ULCA LTE B41 20MHz + 20MHz QPSK Low Ch RB100-0 + RB100-0



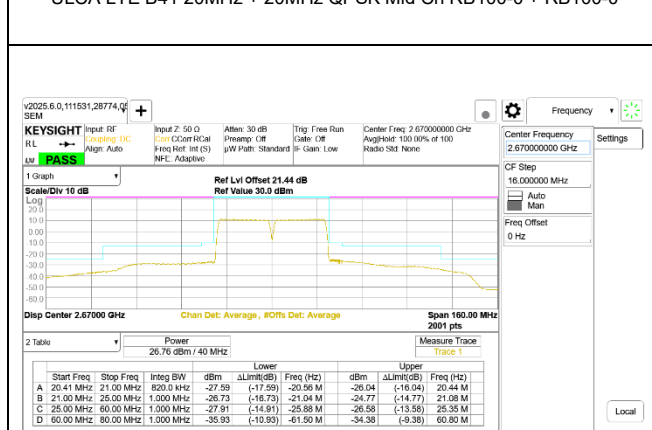
ULCA LTE B41 20MHz + 20MHz 16QAM Low Ch RB100-0 + RB100-0



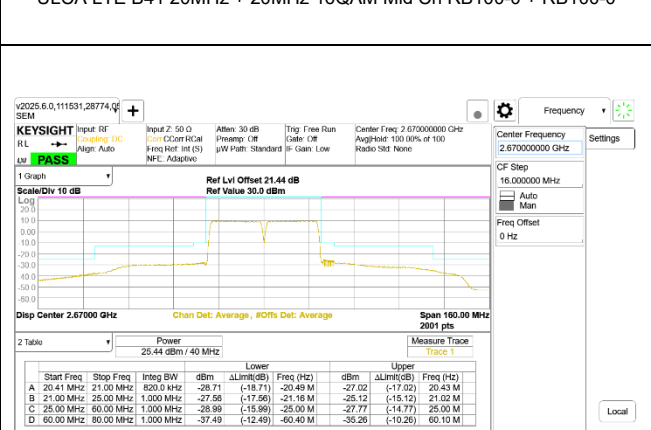
ULCA LTE B41 20MHz + 20MHz QPSK Mid Ch RB100-0 + RB100-0



ULCA LTE B41 20MHz + 20MHz 16QAM Mid Ch RB100-0 + RB100-0



ULCA LTE B41 20MHz + 20MHz QPSK High Ch RB100-0 + RB100-0



ULCA LTE B41 20MHz + 20MHz 16QAM High Ch RB100-0 + RB100-0

9.3. OUT OF BAND EMISSIONS

LIMITS

FCC: §27.53 (m)

The minimum permissible attenuation level of any spurious emissions is $55 + 10 \log (P)$ dB where transmitting power (P) in Watts.

RSS199§5.6

The minimum permissible attenuation level of any spurious emissions is $55 + 10 \log (P)$ dB where transmitting power (P) in Watts.

TEST PROCEDURE

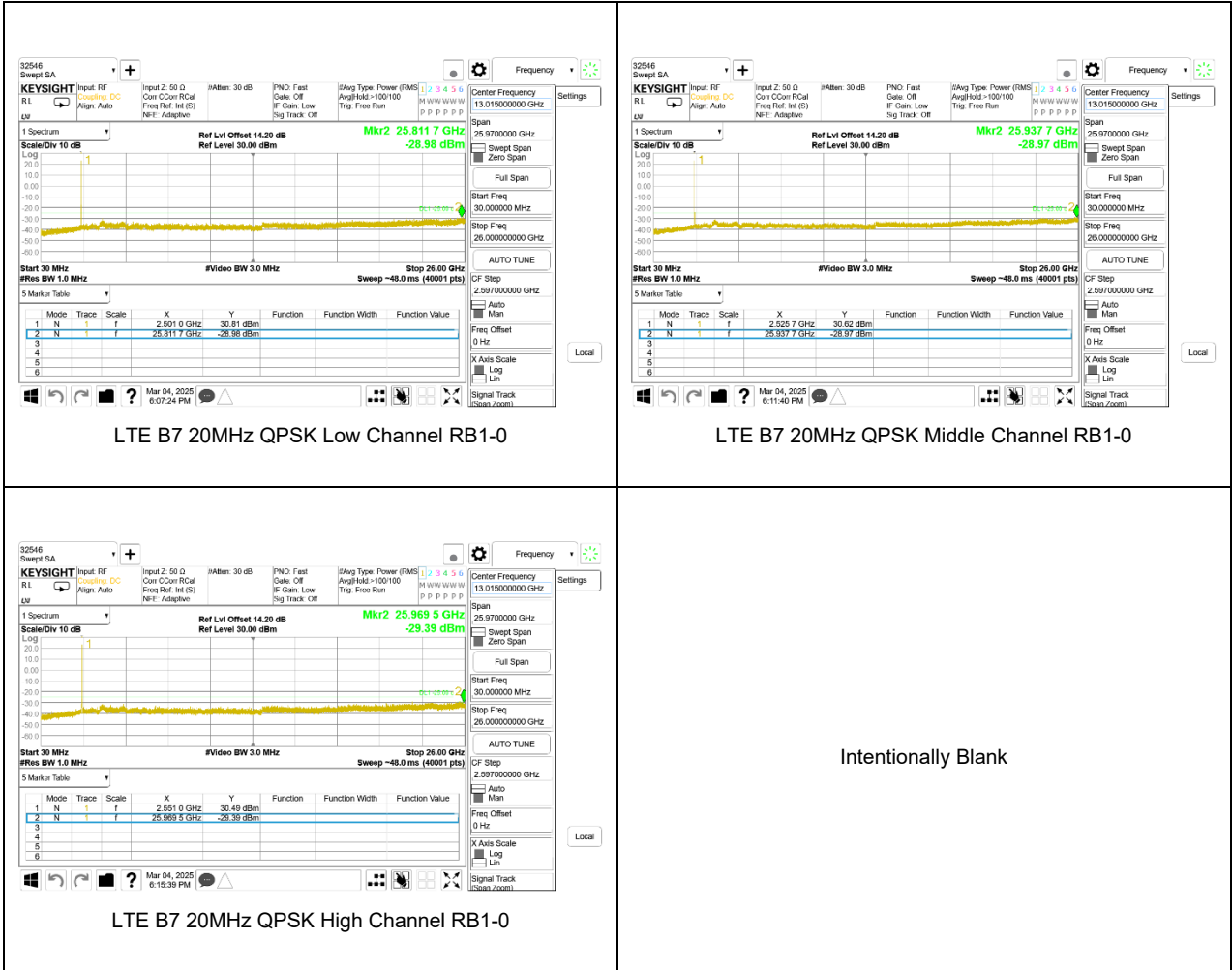
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

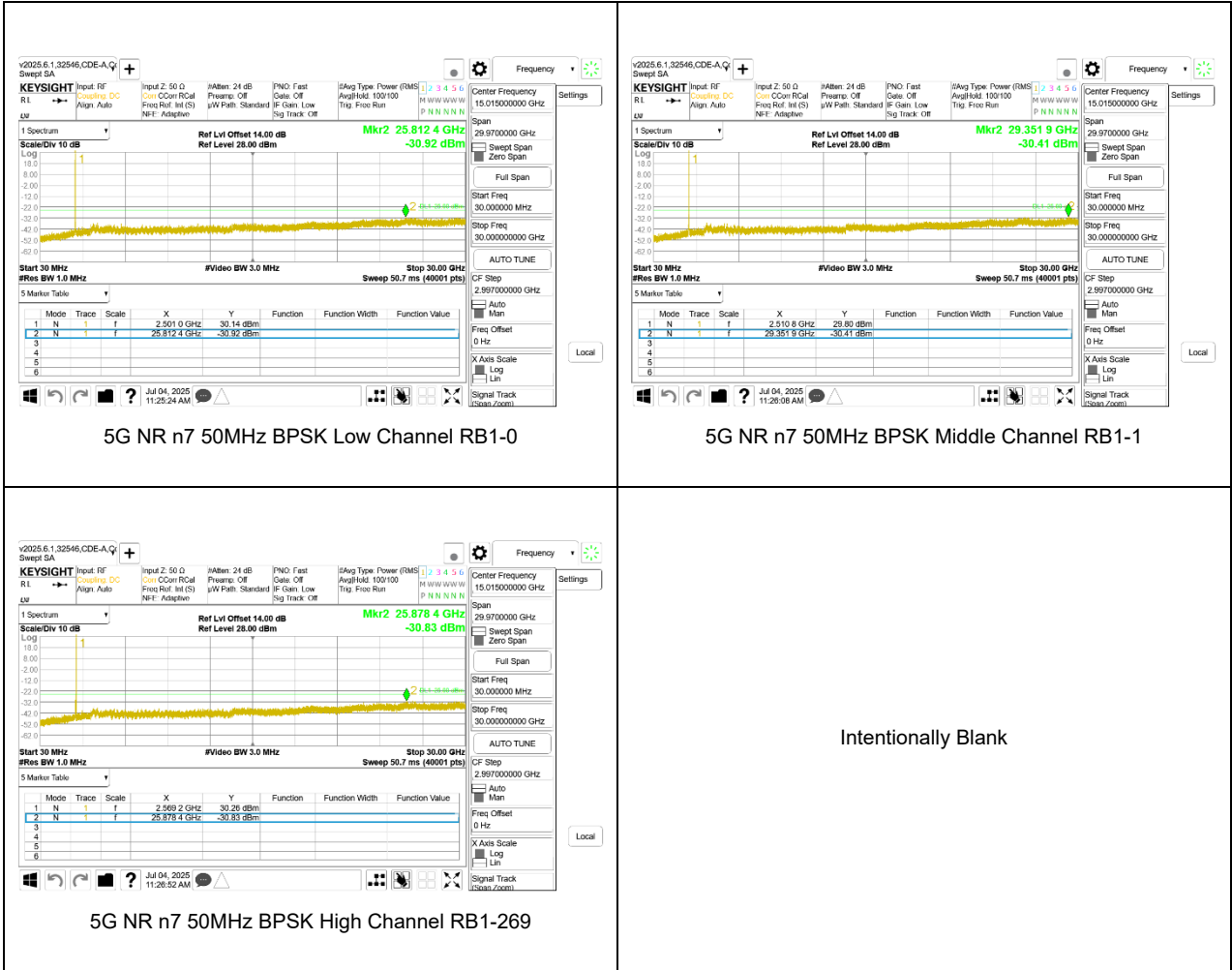
- Set display line at -25dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst-case set RBW/VBW to 1MHz/3MHz)

RESULTS

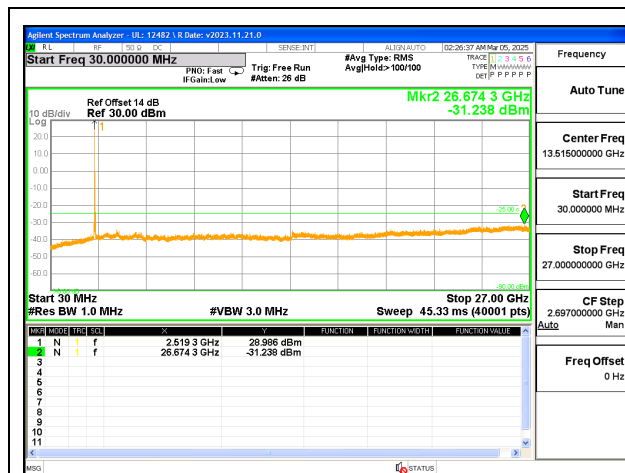
9.3.1. LTE BAND 7



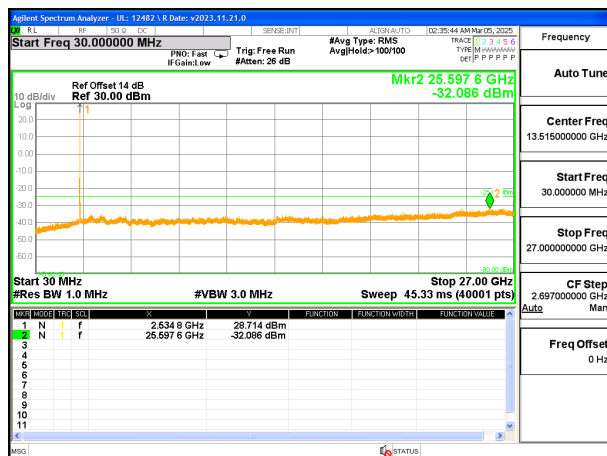
9.3.2. 5G NR n7



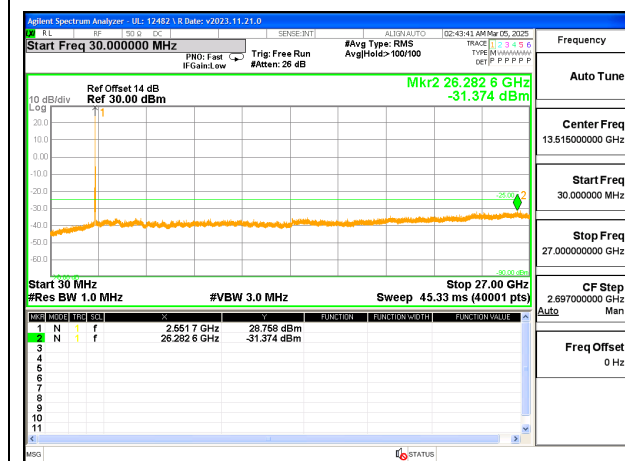
9.3.3. ULCA LTE BAND 7



ULCA LTE B7 20MHz + 20MHz QPSK Low Ch RB1-99 + RB1-0



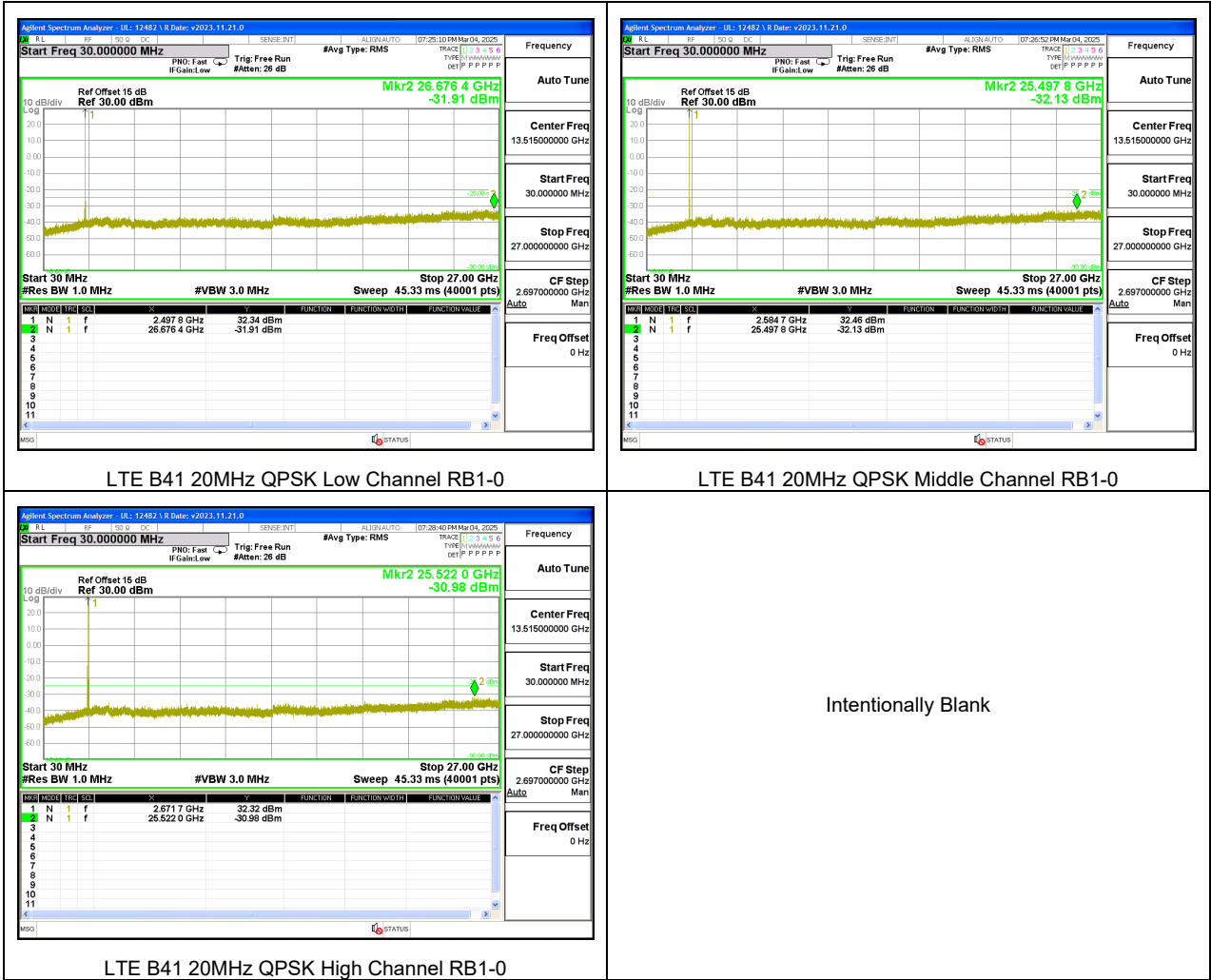
ULCA LTE B7 20MHz + 20MHz QPSK Middle Ch RB1-99 + RB1-0



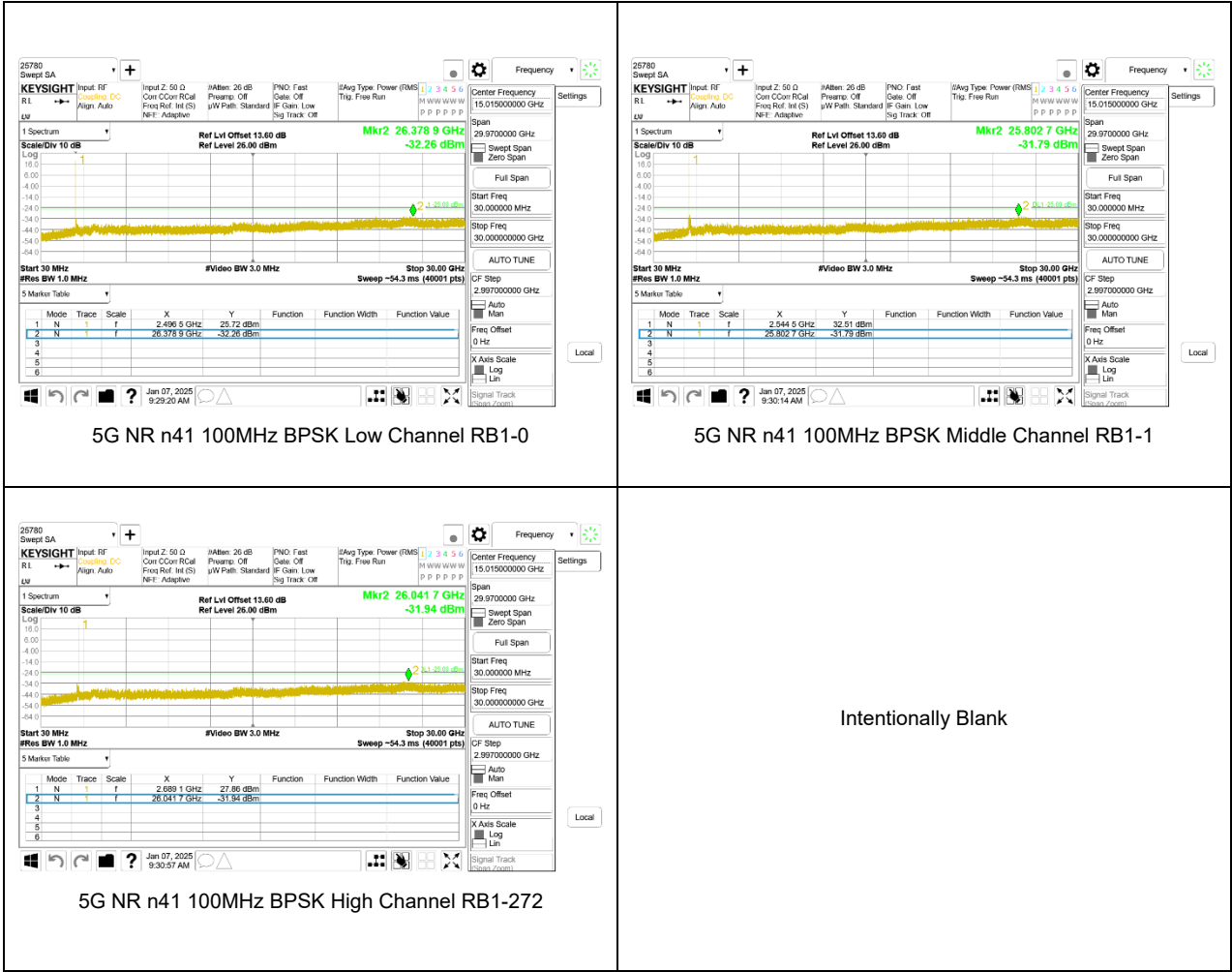
ULCA LTE B7 20MHz + 20MHz QPSK High Ch RB1-99 + RB1-0

Intentionally Blank

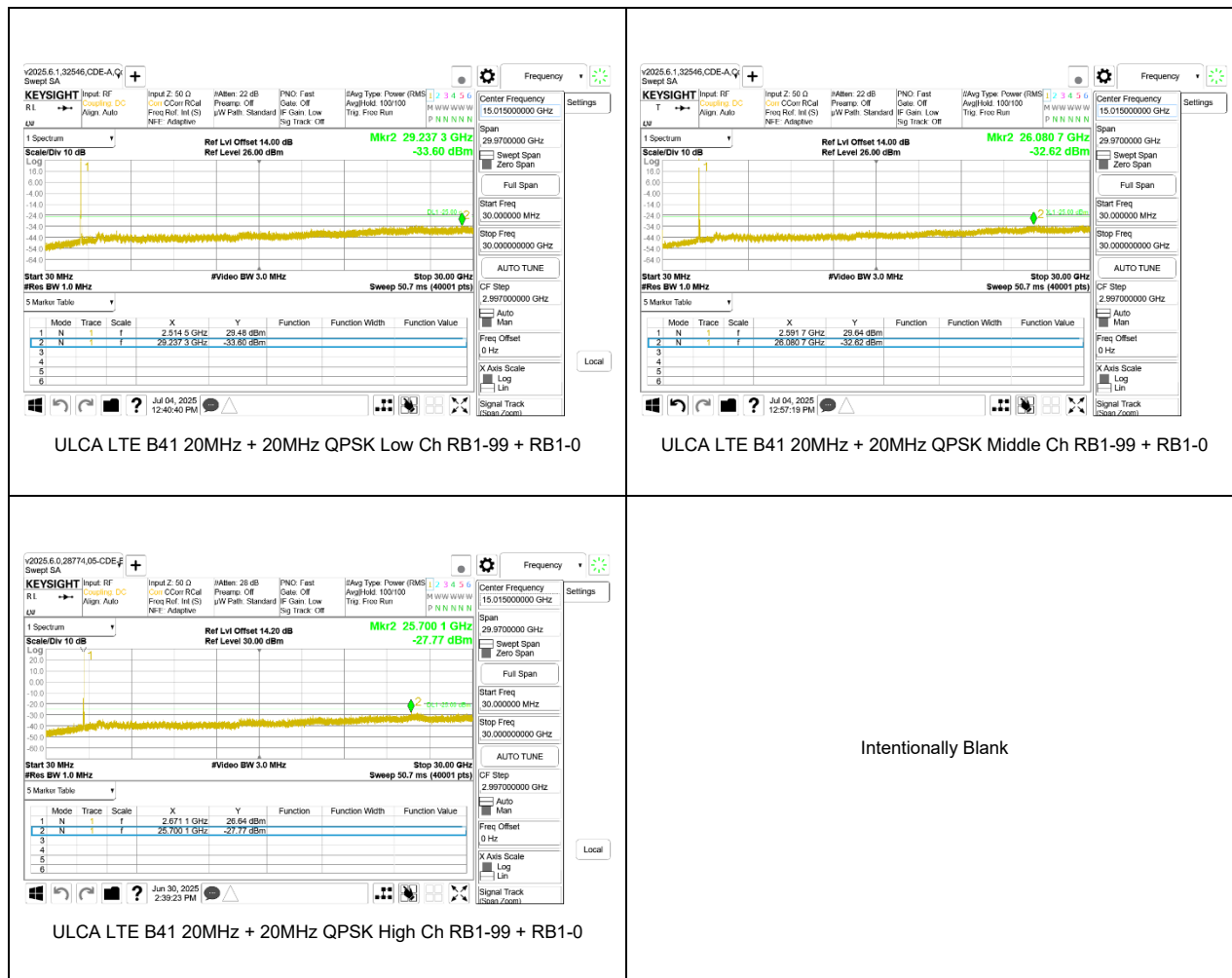
9.3.4. LTE BAND 41 (FCC)



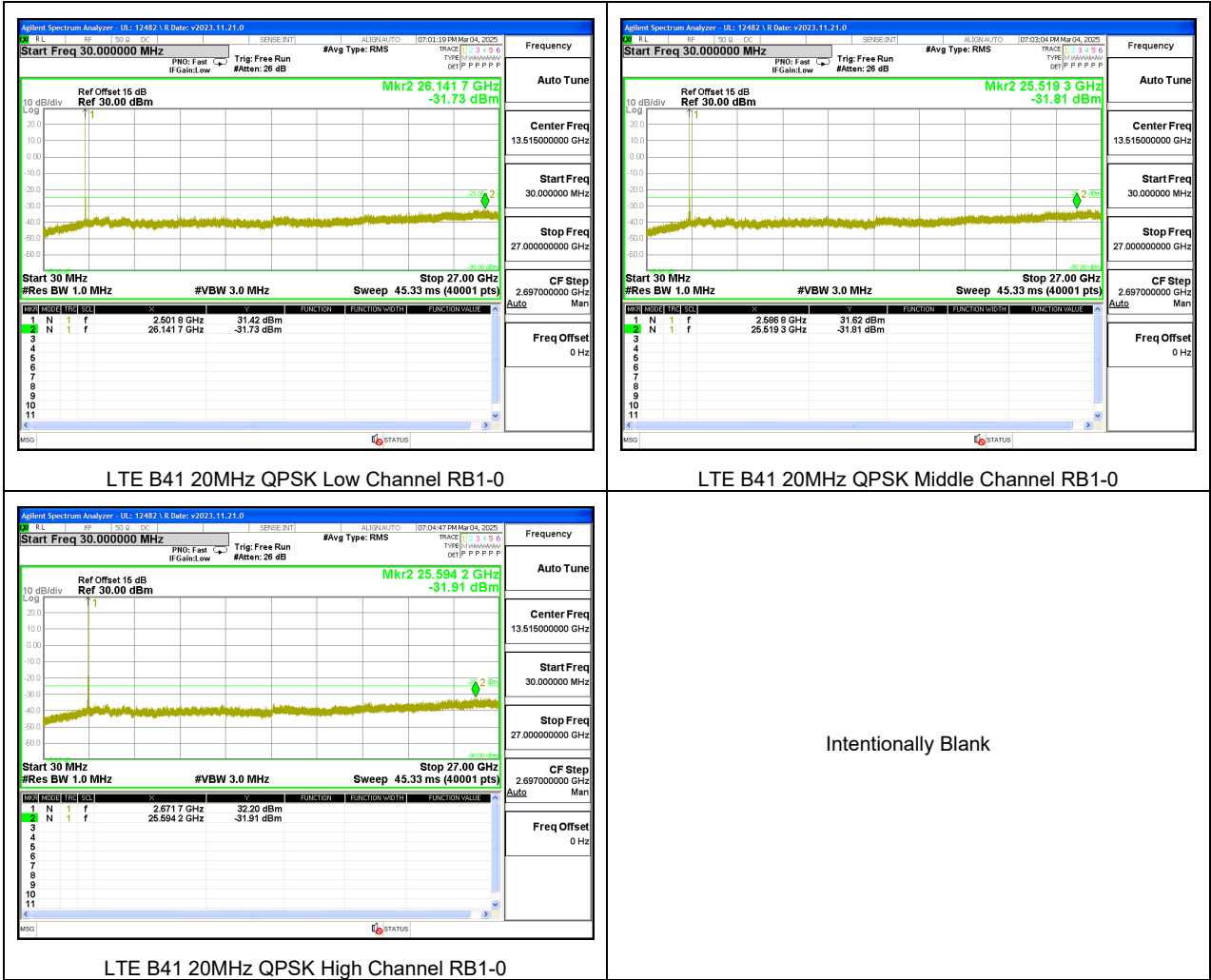
9.3.5. 5G NR n41 (FCC)



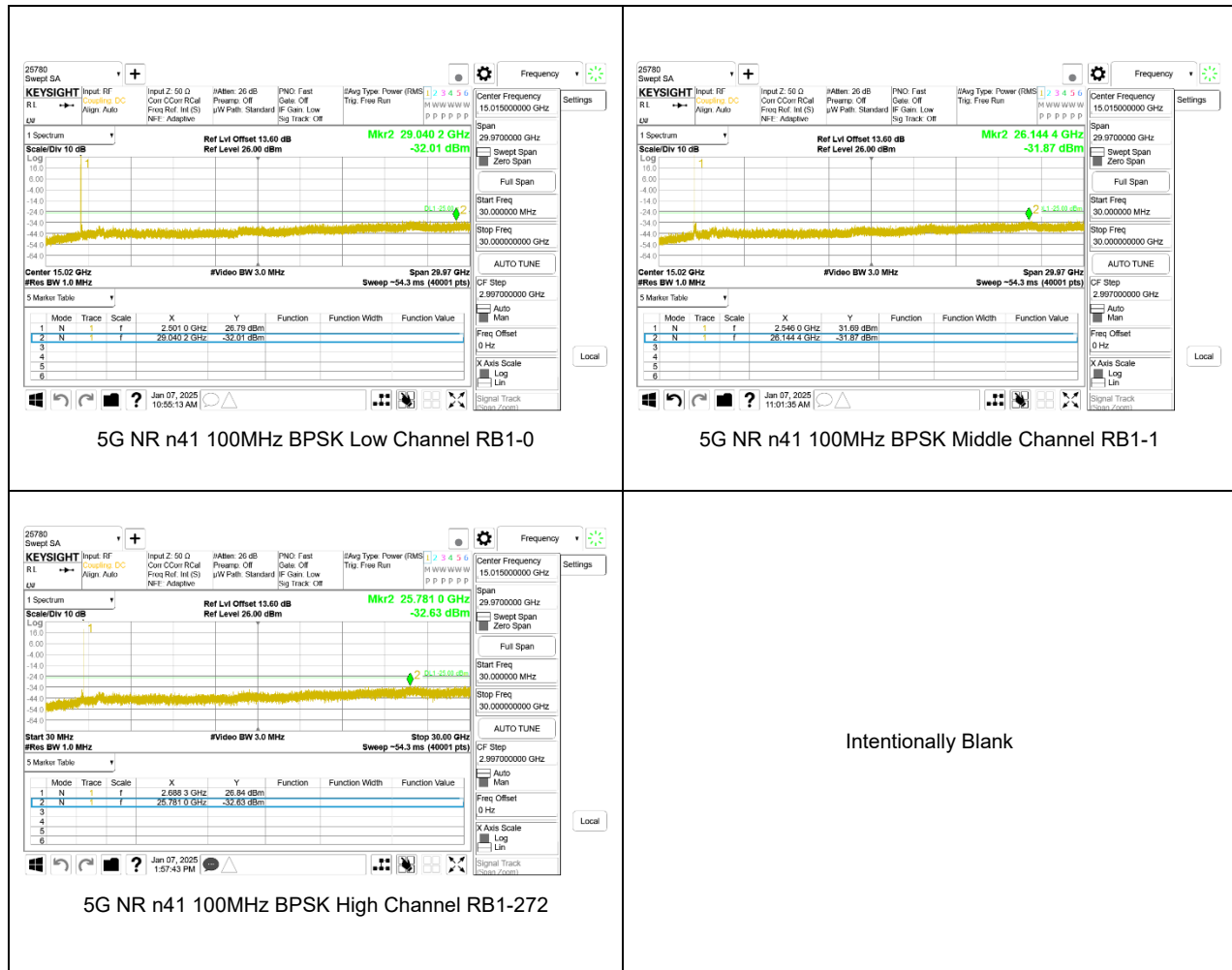
9.3.6. ULCA LTE BAND 41 (FCC)



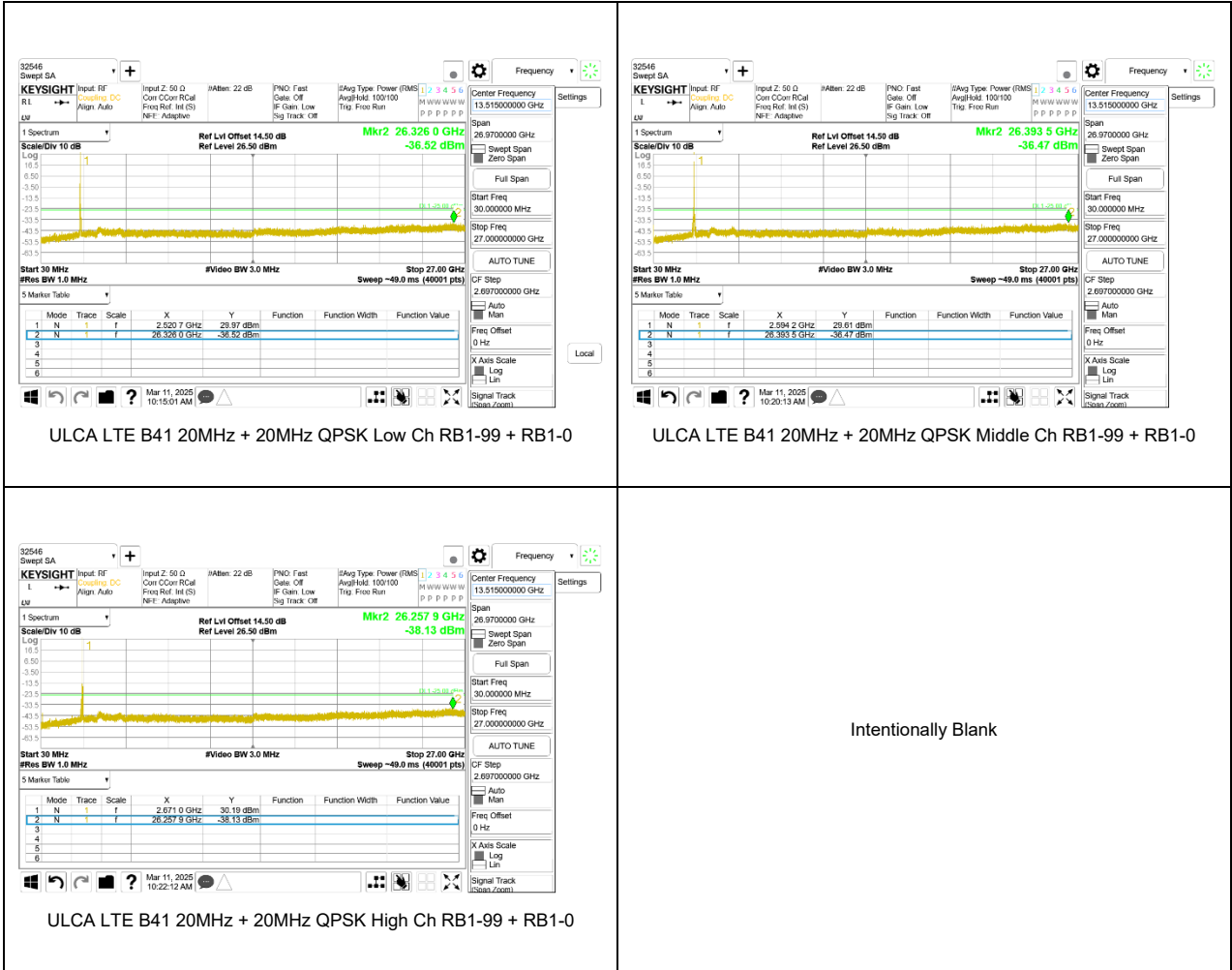
9.3.7. LTE BAND 41 (IC)



9.3.8. 5G NR n41 (IC)



9.3.9. ULCA LTE BAND 41 (IC)



9.4. FREQUENCY STABILITY

LIMITS

FCC: §27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

ISED: RSS199§5.4

Frequency Stability

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested to the temperature and supply voltage variations specified in RSS-Gen.

TEST PROCEDURE

Use base station simulator with Frequency Error measurement capability.

- Temp. = -30°C to +50°C
- Voltage = (85% - 115%)
Low voltage, 3.23VDC, Normal, 3.8VDC and High voltage, 4.37VDC.
End Voltage, 3.2VDC.

Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until +50°C is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

RESULTS

9.4.1. LTE BAND 7 (QPSK 20MHz BANDWIDTH)

Test Engineer ID:		32546	Test Date:		3/4/2025	
Band	7	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2570			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage				Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Normal (20°C)	Normal	2501.0556	2568.9401			
Extreme (50°C)		2501.0556	2568.9401	-6.0	-0.002	Yes
Extreme (40°C)		2501.0556	2568.9401	-5.8	-0.002	Yes
Extreme (30°C)		2501.0556	2568.9401	-5.8	-0.002	Yes
Extreme (10°C)		2501.0556	2568.9401	-6.2	-0.002	Yes
Extreme (0°C)		2501.0556	2568.9401	-5.7	-0.002	Yes
Extreme (-10°C)		2501.0556	2568.9400	-7.5	-0.003	Yes
Extreme (-20°C)		2501.0556	2568.9401	-5.9	-0.002	Yes
Extreme (-30°C)		2501.0556	2568.9401	-6.8	-0.003	Yes
20°C	15%	2501.0556	2568.9401	-6.3	-0.002	Yes
	-15%	2501.0556	2568.9401	-5.8	-0.002	Yes
	End Point Voltage	2501.0556	2568.9400	-11.9	-0.005	Yes

9.4.2. 5G NR n7 (BPSK 50MHz BANDWIDTH)

Test Engineer ID:		32546	Test Date:		3/26/2025	
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Band	7	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2570			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	2500.8499	2569.1501			
Extreme (50°C)		2500.8499	2569.1501	-10.9	-0.004	Yes
Extreme (40°C)		2500.8499	2569.1501	-9.7	-0.004	Yes
Extreme (30°C)		2500.8499	2569.1501	-10.2	-0.004	Yes
Extreme (10°C)		2500.8499	2569.1501	-7.9	-0.003	Yes
Extreme (0°C)		2500.8499	2569.1501	-9.4	-0.004	Yes
Extreme (-10°C)		2500.8499	2569.1501	-10.4	-0.004	Yes
Extreme (-20°C)		2500.8499	2569.1501	-10.8	-0.004	Yes
Extreme (-30°C)		2500.8499	2569.1501	-9.9	-0.004	Yes
20°C	15%	2500.8499	2569.1501	-9.4	-0.004	Yes
	-15%	2500.8499	2569.1501	-8.7	-0.003	Yes
	End Point Voltage	2500.8499	2569.1501	-9.5	-0.004	Yes

9.4.3. ULCA LTE BAND 7 (QPSK 20MHz + 20MHz BANDWIDTH)

Test Engineer ID:	32546	Test Date:	3/6/2025
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QPSK (20MHz + 20MHz BANDWIDTH)

Band	7	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2570			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	2501.1260	2568.8732			
Extreme (50°C)		2501.1260	2568.8733	42.8	0.017	Yes
Extreme (40°C)		2501.1260	2568.8733	45.9	0.018	Yes
Extreme (30°C)		2501.1260	2568.8733	38.5	0.015	Yes
Extreme (10°C)		2501.1260	2568.8732	13.5	0.005	Yes
Extreme (0°C)		2501.1260	2568.8732	-30.1	-0.012	Yes
Extreme (-10°C)		2501.1259	2568.8732	-57.6	-0.023	Yes
Extreme (-20°C)		2501.1260	2568.8732	-49.7	-0.020	Yes
Extreme (-30°C)		2501.1259	2568.8732	-61.0	-0.024	Yes
20°C	15%	2501.1260	2568.8732	23.3	0.009	Yes
	-15%	2501.1260	2568.8732	24.6	0.010	Yes
	End Point Voltage	2501.1260	2568.8732	21.4	0.008	Yes

9.4.4. LTE B41 (QPSK 20MHz BANDWIDTH, FCC)

Test Engineer ID:	32546	Test Date:	3/4/2025
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LTE BAND 41 QPSK (20MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2496	2690			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	2496.7118	2689.0231			
Extreme (50°C)		2496.7118	2689.0231	-7.4	-0.003	Yes
Extreme (40°C)		2496.7118	2689.0231	-8.4	-0.003	Yes
Extreme (30°C)		2496.7118	2689.0231	-6.9	-0.003	Yes
Extreme (10°C)		2496.7118	2689.0231	-6.0	-0.002	Yes
Extreme (0°C)		2496.7118	2689.0231	-6.4	-0.002	Yes
Extreme (-10°C)		2496.7118	2689.0231	6.4	0.002	Yes
Extreme (-20°C)		2496.7118	2689.0231	6.8	0.003	Yes
Extreme (-30°C)		2496.7118	2689.0231	5.4	0.002	Yes
20°C	15%	2496.7118	2689.0231	7.4	0.003	Yes
	-15%	2496.7118	2689.0231	-6.6	-0.003	Yes
	End Point Voltage	2496.7118	2689.0231	-6.2	-0.002	Yes

9.4.5. 5G NR n41 (BPSK 100MHz BANDWIDTH, FCC)

Test Engineer ID:	32546	Test Date:	3/26/2025
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5G NR n41 BPSK (100MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2496	2690		0	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	2497.1015	2687.7941			
Extreme (50°C)		2497.1014	2687.7940	-21.2	-0.008	Yes
Extreme (40°C)		2497.1014	2687.7940	-22.3	-0.009	Yes
Extreme (30°C)		2497.1014	2687.7940	-21.5	-0.008	Yes
Extreme (10°C)		2497.1014	2687.7940	-19.4	-0.007	Yes
Extreme (0°C)		2497.1014	2687.7940	-22.0	-0.008	Yes
Extreme (-10°C)		2497.1014	2687.7940	-21.7	-0.008	Yes
Extreme (-20°C)		2497.1014	2687.7940	-22.1	-0.009	Yes
Extreme (-30°C)		2497.1014	2687.7940	-22.8	-0.009	Yes
20°C	15%	2497.1014	2687.7940	-21.2	-0.008	Yes
	-15%	2497.1014	2687.7940	-22.8	-0.009	Yes
	End Point Voltage	2497.1014	2687.7940	-22.7	-0.009	Yes

9.4.6. ULCA LTE BAND 41 (QPSK 20MHz + 20MHz BANDWIDTH, FCC)

Test Engineer ID:	32546	Test Date:	3/6/2025
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QPSK (20MHz + 20MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2496	2690		0	
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	2496.7975	2689.1807			
Extreme (50°C)		2496.7975	2689.1808	47.6	0.018	Yes
Extreme (40°C)		2496.7975	2689.1808	51.5	0.020	Yes
Extreme (30°C)		2496.7975	2689.1808	43.0	0.017	Yes
Extreme (10°C)		2496.7975	2689.1807	-12.0	-0.005	Yes
Extreme (0°C)		2496.7974	2689.1807	-44.2	-0.017	Yes
Extreme (-10°C)		2496.7974	2689.1807	-67.9	-0.026	Yes
Extreme (-20°C)		2496.7974	2689.1806	-76.5	-0.030	Yes
Extreme (-30°C)		2496.7974	2689.1807	-67.1	-0.026	Yes
20°C	15%	2496.7975	2689.1807	21.8	0.008	Yes
	-15%	2496.7975	2689.1807	24.4	0.009	Yes
	End Point Voltage	2496.7975	2689.1807	24.3	0.009	Yes

9.4.7. LTE B41 (QPSK 20MHz BANDWIDTH, IC)

Test Engineer ID:	32546	Test Date:	3/4/2025
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LTE B41 QPSK (20MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2690		0	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	2500.7053	2689.4065			
Extreme (50°C)		2500.7053	2689.4064	-13.6	-0.005	Yes
Extreme (40°C)		2500.7053	2689.4064	-11.8	-0.005	Yes
Extreme (30°C)		2500.7053	2689.4064	-10.5	-0.004	Yes
Extreme (10°C)		2500.7053	2689.4064	-10.7	-0.004	Yes
Extreme (0°C)		2500.7053	2689.4064	-8.1	-0.003	Yes
Extreme (-10°C)		2500.7053	2689.4064	-8.2	-0.003	Yes
Extreme (-20°C)		2500.7053	2689.4064	-9.9	-0.004	Yes
Extreme (-30°C)		2500.7053	2689.4064	-11.4	-0.004	Yes
20°C	15%	2500.7053	2689.4064	-8.4	-0.003	Yes
	-15%	2500.7053	2689.4064	-8.5	-0.003	Yes
	End Point Voltage	2500.7053	2689.4064	-7.3	-0.003	Yes

9.4.8. 5G NR n41 (BPSK 100MHz BANDWIDTH, IC)

Test Engineer ID:	32546	Test Date:	3/26/2025
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5G NR n41 BPSK (100MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2690		0	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	2501.1402	2687.8039			
Extreme (50°C)		2501.1402	2687.8039	-20.7	-0.008	Yes
Extreme (40°C)		2501.1401	2687.8039	-23.2	-0.009	Yes
Extreme (30°C)		2501.1402	2687.8039	-20.1	-0.008	Yes
Extreme (10°C)		2501.1402	2687.8039	-19.5	-0.007	Yes
Extreme (0°C)		2501.1402	2687.8039	-20.0	-0.008	Yes
Extreme (-10°C)		2501.1402	2687.8039	-22.4	-0.009	Yes
Extreme (-20°C)		2501.1401	2687.8039	-23.1	-0.009	Yes
Extreme (-30°C)		2501.1401	2687.8039	-23.5	-0.009	Yes
20°C	15%	2501.1401	2687.8039	-24.2	-0.009	Yes
	-15%	2501.1401	2687.8039	-23.4	-0.009	Yes
	End Point Voltage	2501.1402	2687.8039	-21.7	-0.008	Yes

9.4.9. ULCA LTE BAND 41 (QPSK 20MHz + 20MHz BANDWIDTH, IC)

Test Engineer ID:	32546	Test Date:	3/6/2025
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QPSK (20MHz + 20MHz BANDWIDTH)

Band	41	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		2500	2690		0	
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	2501.0586	2689.4538			
Extreme (50°C)		2501.0586	2689.4538	47.5	0.018	Yes
Extreme (40°C)		2501.0586	2689.4539	51.1	0.020	Yes
Extreme (30°C)		2501.0586	2689.4538	41.4	0.016	Yes
Extreme (10°C)		2501.0585	2689.4538	-14.6	-0.006	Yes
Extreme (0°C)		2501.0585	2689.4538	-45.6	-0.018	Yes
Extreme (-10°C)		2501.0585	2689.4537	-69.6	-0.027	Yes
Extreme (-20°C)		2501.0585	2689.4537	-71.1	-0.027	Yes
Extreme (-30°C)		2501.0585	2689.4537	-74.0	-0.029	Yes
20°C	15%	2501.0586	2689.4538	22.3	0.009	Yes
	-15%	2501.0586	2689.4538	22.9	0.009	Yes
	End Point Voltage	2501.0586	2689.4538	21.8	0.008	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMIT

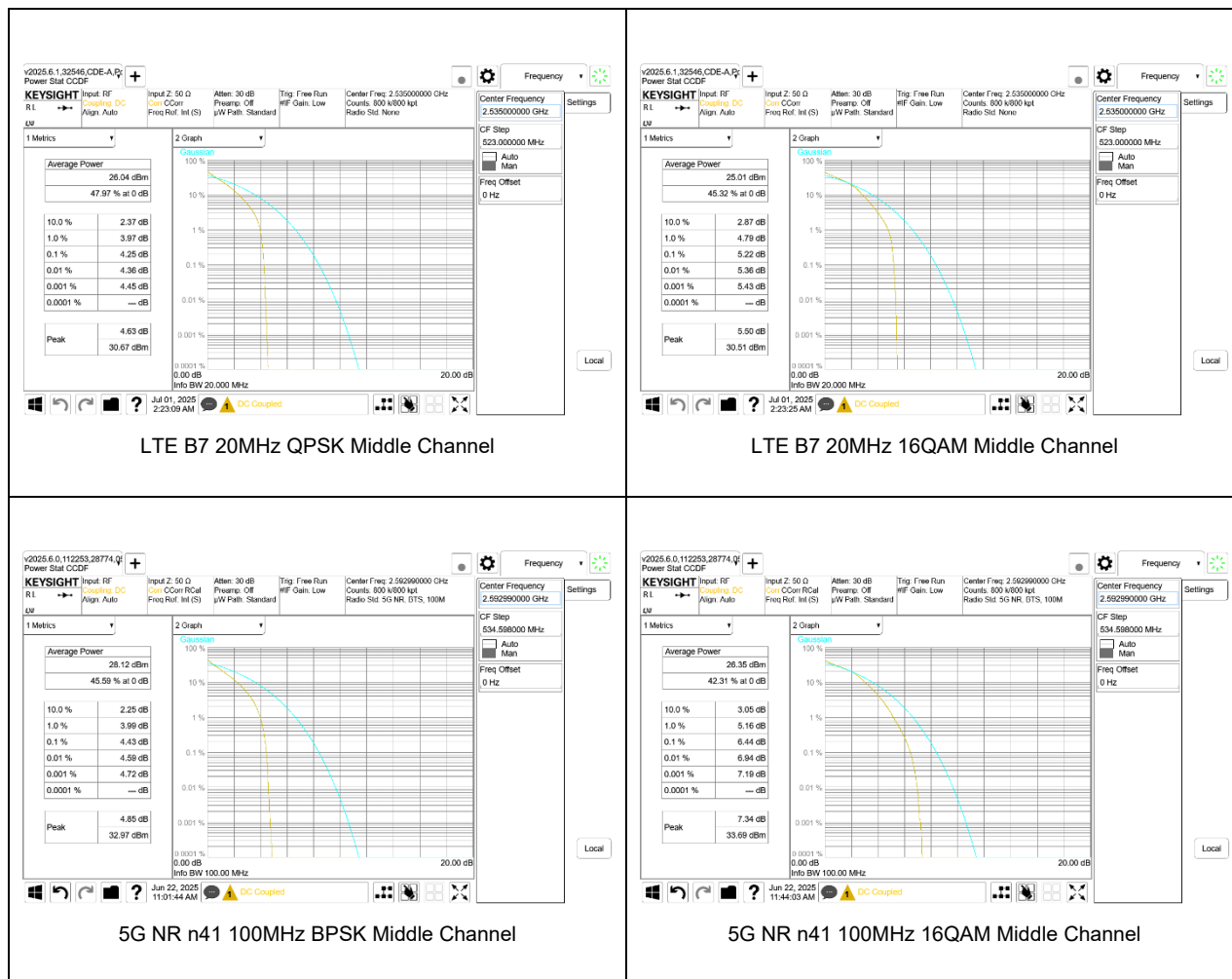
ISED: RSS199§5.5

In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

RESULT

The worst-case antenna port for conducted power shown in section 6.5. was used to measure as the worst case; full resource block (FRB) for each bandwidth was used to measure as the worst case. The results from all CCDF measurements are passed with 13dB peak-to-average power ratio criteria.

Example Plots: FULL RB



9.5.1. TE BAND 7

Test Engineer ID:	32546	Test Date:	2025-07-01
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 7	5MHz	2535.0	25	0	QPSK	30.59	25.99	4.60
	16QAM				30.64	25.00	5.64	
	10MHz		50	0	QPSK	30.74	25.98	4.76
	16QAM				30.62	25.00	5.62	
	15MHz		75	0	QPSK	30.71	26.00	4.71
					16QAM	30.68	25.03	5.65
	20MHz		100	0	QPSK	30.67	26.04	4.63
					16QAM	30.51	25.01	5.50
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.2. 5G NR n7

Test Engineer ID:	32061	Test Date:	2025-07-07
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n7	5MHz	2535.0	25	0	BPSK	30.10	25.53	4.57
					16QAM	30.86	23.97	6.89
	10MHz		50	0	BPSK	30.40	25.63	4.77
					16QAM	31.13	23.99	7.14
	15MHz		75	0	BPSK	30.68	25.68	5.00
					16QAM	31.66	24.10	7.56
	20MHz		100	0	BPSK	30.84	25.77	5.07
					16QAM	31.65	24.14	7.51
	25MHz		128	0	BPSK	30.91	25.76	5.15
					16QAM	31.71	24.15	7.56
	30MHz		160	0	BPSK	30.61	25.78	4.83
					16QAM	31.55	24.14	7.41
	35MHz		180	0	BPSK	30.66	25.85	4.81
					16QAM	31.78	24.14	7.64
	40MHz		216	0	BPSK	30.74	25.90	4.84
					16QAM	31.44	24.19	7.25
	50MHz		270	0	BPSK	30.86	25.86	5.00
					16QAM	31.61	24.29	7.32
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.3. ULCA LTE BAND 7

Test Engineer ID:	32061	Test Date:	2025-03-11
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Band	Bandwidth (MHz)	PCC f (MHz)	SCC1 f (MHz)	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
					Peak	Average	
ULCA LTE Band 7	10MHz / 20MHz	2525.6	2540.0	QPSK	31.29	25.51	5.78
				16QAM	31.46	24.50	6.96
	20MHz / 10MHz	2530.1	2544.5	QPSK	31.13	25.45	5.68
				16QAM	31.37	24.50	6.87
	15 MHz / 15MHz	2527.5	2542.5	QPSK	31.21	25.39	5.82
				16QAM	31.41	24.47	6.94
	15MHz / 20MHz	2525.3	2542.4	QPSK	31.52	25.48	6.04
				16QAM	31.56	24.47	7.09
	20MHz / 15MHz	2527.6	2544.7	QPSK	31.44	25.52	5.92
				16QAM	31.62	24.51	7.11
	20MHz / 20MHz	2525.1	2544.9	QPSK	31.48	25.48	6.00
				16QAM	31.72	24.53	7.19
Duty Cycle Correction Factor (dB) =			0.00				
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor							

9.5.4. LTE BAND 41 (FCC)

Test Engineer ID:	25780	Test Date:	2025-06-07
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 41	5MHz	2593.0	25	0	QPSK	33.00	25.94	7.06
					16QAM	32.13	25.93	6.20
	10MHz		50	0	QPSK	31.02	25.96	5.06
					16QAM	32.21	25.99	6.22
	15MHz		75	0	QPSK	31.01	25.93	5.08
					16QAM	31.93	25.98	5.95
	20MHz		100	0	QPSK	30.95	25.94	5.01
					16QAM	32.09	26.00	6.09
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.5. 5G NR n41 (FCC)

Test Engineer ID:	28774	Test Date:	2025-06-21
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n41	10MHz	2593.0	24	0	BPSK	32.93	28.64	4.29
					16QAM	33.80	27.21	6.59
	15MHz		36	0	BPSK	33.05	28.80	4.25
					16QAM	34.02	27.25	6.77
	20MHz		50	0	BPSK	33.07	28.97	4.10
					16QAM	33.93	27.21	6.72
	25MHz		64	0	BPSK	33.26	28.87	4.39
					16QAM	34.28	27.42	6.86
	30MHz		75	0	BPSK	33.02	28.91	4.11
					16QAM	34.15	27.30	6.85
	35MHz		90	0	BPSK	33.23	28.97	4.26
					16QAM	34.24	27.30	6.94
	40MHz		100	0	BPSK	33.46	29.23	4.23
					16QAM	34.42	27.45	6.97
	45MHz		108	0	BPSK	33.19	29.15	4.04
					16QAM	34.32	27.55	6.77
	50MHz		128	0	BPSK	33.78	29.28	4.50
					16QAM	34.66	27.58	7.08
	60MHz		162	0	BPSK	33.97	29.10	4.87
					16QAM	34.53	27.48	7.05
	70MHz		180	0	BPSK	34.45	29.37	5.08
					16QAM	34.55	26.38	8.17
	80MHz		216	0	BPSK	34.42	29.19	5.23
					16QAM	34.86	27.42	7.44
	90MHz		243	0	BPSK	32.72	28.08	4.64
					16QAM	33.20	26.21	6.99
	100MHz		270	0	BPSK	32.97	28.12	4.85
					16QAM	33.69	26.35	7.34
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.6. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	32061	Test Date:	2025-03-11
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Band	Bandwidth (MHz)	PCC f (MHz)	SCC1 f (MHz)	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
					Peak	Average	
ULCA LTE Band 41 (FCC)	5MHz / 20MHz	2583.8	2595.5	QPSK	33.23	27.59	5.64
				16QAM	33.17	26.61	6.56
	20MHz / 5MHz	2590.5	2602.2	QPSK	33.98	27.45	6.53
				16QAM	33.93	26.48	7.45
	10MHz / 20MHz	2583.6	2598.0	QPSK	33.17	27.67	5.50
				16QAM	33.16	26.70	6.46
	20MHz / 10MHz	2588.1	2602.5	QPSK	33.26	27.68	5.58
				16QAM	33.27	26.72	6.55
	15MHz / 15MHz	2585.5	2600.5	QPSK	33.22	27.69	5.53
				16QAM	33.24	26.70	6.54
	15MHz / 20MHz	2583.3	2600.4	QPSK	33.18	27.66	5.52
				16QAM	33.09	26.66	6.43
	20MHz / 15MHz	2585.6	2602.7	QPSK	33.04	27.66	5.38
				16QAM	33.09	26.71	6.38
	20MHz / 20MHz	2583.1	2602.9	QPSK	33.12	27.64	5.48
				16QAM	33.16	26.70	6.46
Duty Cycle Correction Factor (dB) =			0.00				
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor							

9.5.7. LTE BAND 41 (IC)

Test Engineer ID:	25780	Test Date:	2025-06-07
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 41 (IC)	5MHz	2595.0	25	0	QPSK	30.96	26.00	4.96
					16QAM	32.01	25.98	6.03
	10MHz		50	0	QPSK	31.19	25.97	5.22
					16QAM	32.18	26.03	6.15
	15MHz		75	0	QPSK	31.47	26.05	5.42
					16QAM	31.97	25.99	5.98
	20MHz		100	0	QPSK	31.07	26.03	5.04
					16QAM	32.15	26.04	6.11
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.8. 5G NR n41 (IC)

Test Engineer ID:	28774	Test Date:	2025-06-21
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n41	10MHz	2595.0	24	0	BPSK	34.33	30.02	4.31
					16QAM	35.19	28.54	6.65
	15MHz		36	0	BPSK	34.57	30.12	4.45
					16QAM	35.70	28.57	7.13
	20MHz		50	0	BPSK	34.50	30.30	4.20
					16QAM	35.46	28.66	6.80
	25MHz		64	0	BPSK	34.73	30.31	4.42
					16QAM	35.79	28.70	7.09
	30MHz		75	0	BPSK	33.87	29.72	4.15
					16QAM	35.20	28.14	7.06
	35MHz		90	0	BPSK	34.01	29.81	4.20
					16QAM	34.94	28.17	6.77
	40MHz		100	0	BPSK	34.32	30.04	4.28
					16QAM	34.93	28.28	6.65
	45MHz		108	0	BPSK	34.18	30.05	4.13
					16QAM	35.30	28.45	6.85
	50MHz		128	0	BPSK	34.62	30.14	4.48
					16QAM	35.34	28.54	6.80
	60MHz		162	0	BPSK	35.12	30.08	5.04
					16QAM	35.43	28.38	7.05
	70MHz		180	0	BPSK	35.65	30.29	5.36
					16QAM	35.86	28.11	7.75
	80MHz		216	0	BPSK	35.63	30.40	5.23
					16QAM	36.08	28.70	7.38
	90MHz		243	0	BPSK	32.64	28.03	4.61
					16QAM	33.22	26.16	7.06
	100MHz		270	0	BPSK	33.01	28.21	4.80
					16QAM	33.60	26.31	7.29
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.9. ULCA LTE BAND 41 (IC)

Test Engineer ID:	32061	Test Date:	2025-03-11
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Band	Bandwidth (MHz)	PCC f (MHz)	SCC1 f (MHz)	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
					Peak	Average	
ULCA LTE Band 41 (IC)	5MHz / 20MHz	2585.8	2597.5	QPSK	33.10	27.62	5.48
				16QAM	33.08	26.69	6.39
	20MHz / 5MHz	2592.5	2604.2	QPSK	34.10	27.49	6.61
				16QAM	33.89	26.50	7.39
	10MHz / 20MHz	2585.6	2600.0	QPSK	33.27	27.71	5.56
				16QAM	33.32	26.73	6.59
	20MHz / 10MHz	2590.1	2604.5	QPSK	33.24	27.68	5.56
				16QAM	33.13	26.68	6.45
	15MHz / 15MHz	2587.5	2602.5	QPSK	33.14	27.62	5.52
				16QAM	33.11	26.70	6.41
	15MHz / 20MHz	2585.3	2602.4	QPSK	33.22	27.65	5.57
				16QAM	33.06	26.68	6.38
	20MHz / 15MHz	2587.6	2604.7	QPSK	33.00	27.63	5.37
				16QAM	33.08	26.69	6.39
	20MHz / 20MHz	2585.1	2604.9	QPSK	33.09	27.61	5.48
				16QAM	33.18	26.68	6.50
Duty Cycle Correction Factor (dB) =			0.00				
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor							

10. RADIATED TEST RESULTS

LIMITS

FCC: §27.53 (m)

At least $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

ISED: RSS199§5.6

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the tables below.

Table 5: Unwanted emission limits for subscriber equipment other than fixed subscriber equipment	
Offset from the edge of the frequency block or frequency block group (MHz)	Unwanted emission limits
0-1	-10 dBm/(2% of OB*)
1-5	-10 dBm/MHz
5-X**	-13 dBm/MHz
≥ X	-25 dBm/MHz

*OB is the occupied bandwidth

** X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

In addition to complying with the limits in table 5, subscriber equipment other than fixed subscriber equipment shall not exceed -13 dBm/MHz on all frequencies between 2490.5 MHz and 2496 MHz, and -25 dBm/MHz at or below 2490.5 MHz

Radiated measurement using the Field Strength Method

Using the test configuration shown in Figure 6 below, the radiated emissions is measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in 5.5.1 of ANSI C63.26-2015, the field strength measurement method using a test site validated to the requirements of ANSI C63.4 is an alternative to the substitution measurement.

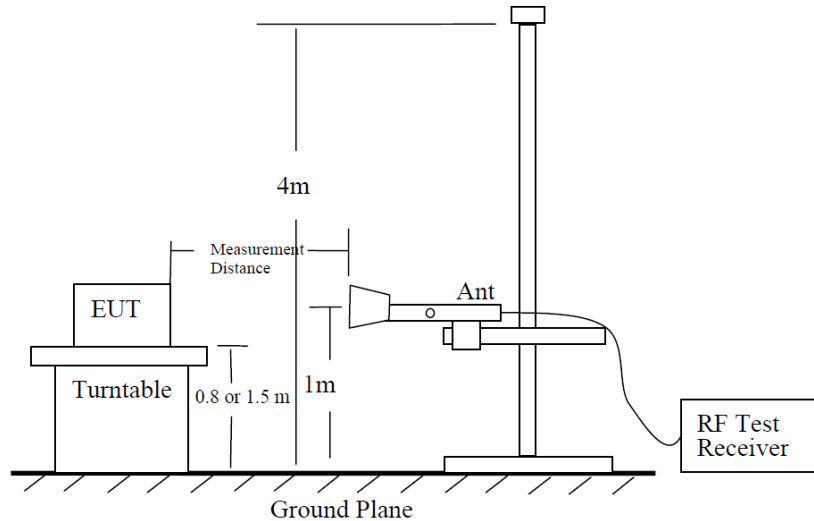


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

Radiated Power Measurement Calculation According to ANSI C63.26-2015

- a) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- b) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- c) $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$; where D is the measurement distance (in the far field region) in m.
- d) $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.

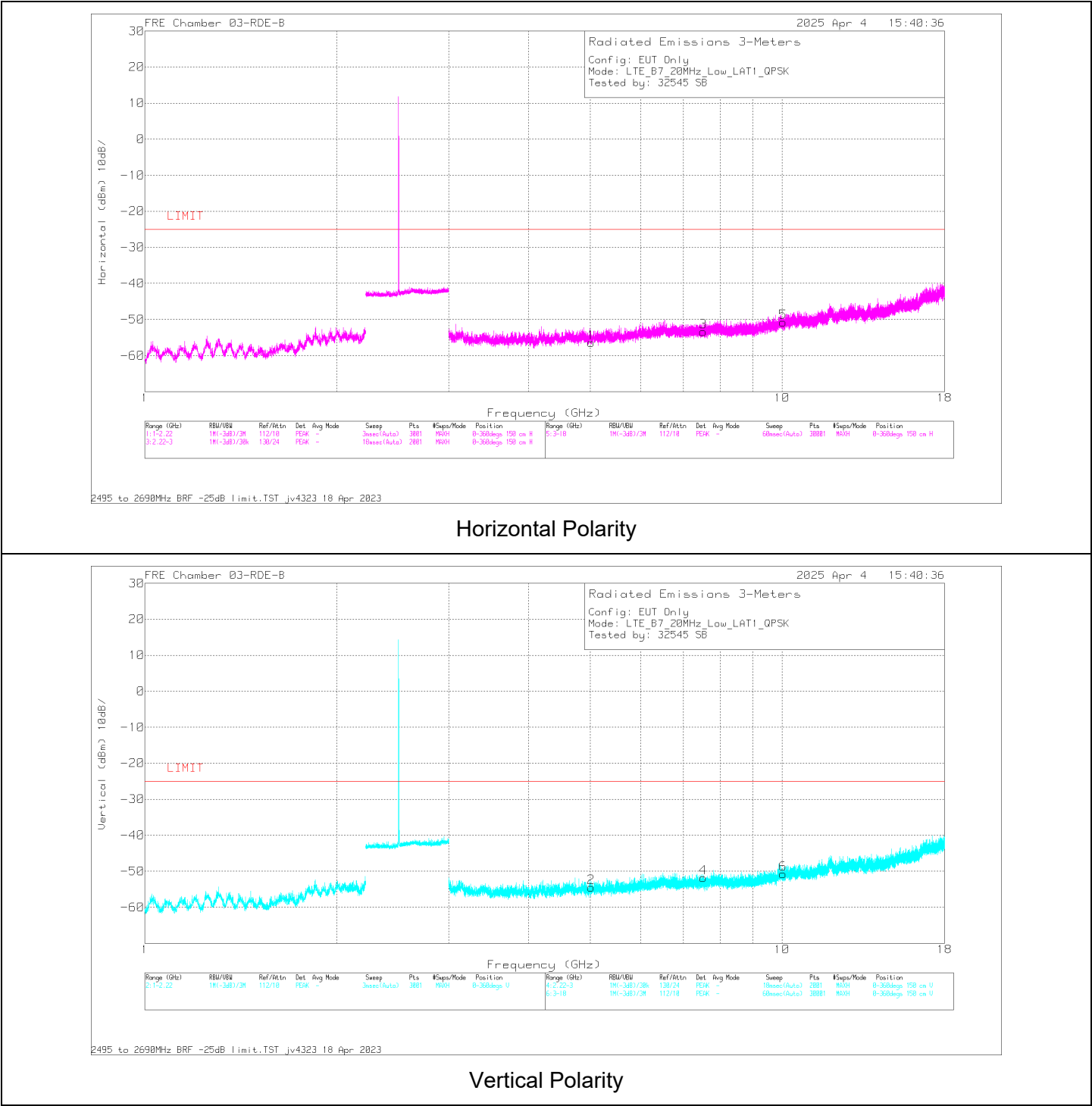
So, from d)

The measuring distance is usually at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

Note: Confidence check of each chamber is performed daily to see if any degradation from expected/normal reading reference data. Ambient check of each chamber is performed monthly.

Example Plot



Trace Markers

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT	Margin (dB)	Polarity
5.020500	54.16	Pk	34.0	-95.2	-49.35	-56.39	-25	-31.39	H
5.020500	56.09	Pk	34.0	-95.2	-49.35	-54.46	-25	-29.46	V
7.529500	53.97	Pk	35.7	-95.2	-47.90	-53.43	-25	-28.43	H
7.529500	55.62	Pk	35.7	-95.2	-47.90	-51.78	-25	-26.78	V
10.040500	55.07	Pk	37.3	-95.2	-47.95	-50.78	-25	-25.78	H
10.040500	55.14	Pk	37.3	-95.2	-47.95	-50.71	-25	-25.71	V

10.1. FIELD STRENGTH OF SPURIOUS RADIATION, BELOW 1GHz

TEST PROCEDURE

KDB 971168 D01 /D02

All tests below 1GHz were done with a Resolution Bandwidth of 100kHz, and a Video Bandwidth of 300kHz.

RESULTS

10.1.1. LTE BAND 7

LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-04
Test Engineer:	32545
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020500	54.16	Pk	34.0	-95.2	-49.35	-56.39	-25	-31.39	H
5.020500	56.09	Pk	34.0	-95.2	-49.35	-54.46	-25	-29.46	V
7.529500	53.97	Pk	35.7	-95.2	-47.90	-53.43	-25	-28.43	H
7.529500	55.62	Pk	35.7	-95.2	-47.90	-51.78	-25	-26.78	V
10.040500	55.07	Pk	37.3	-95.2	-47.95	-50.78	-25	-25.78	H
10.040500	55.14	Pk	37.3	-95.2	-47.95	-50.71	-25	-25.71	V
Mid Channel, 2535MHz									
5.070500	54.98	Pk	33.9	-95.2	-49.40	-55.72	-25	-30.72	H
5.070500	56.13	Pk	33.9	-95.2	-49.40	-54.57	-25	-29.57	V
7.605500	53.54	Pk	35.7	-95.2	-48.15	-54.11	-25	-29.11	H
7.605500	56.07	Pk	35.7	-95.2	-48.15	-51.58	-25	-26.58	V
10.140500	55.01	Pk	37.4	-95.2	-48.00	-50.79	-25	-25.79	H
10.140500	54.69	Pk	37.4	-95.2	-48.00	-51.11	-25	-26.11	V
High Channel, 2560MHz									
5.121000	55.27	Pk	34.1	-95.2	-49.40	-55.23	-25	-30.23	H
5.121000	55.03	Pk	34.1	-95.2	-49.40	-55.47	-25	-30.47	V
7.680000	54.65	Pk	35.8	-95.2	-47.40	-52.15	-25	-27.15	H
7.680000	53.40	Pk	35.8	-95.2	-47.40	-53.40	-25	-28.40	V
10.241000	54.55	Pk	37.4	-95.2	-47.60	-50.85	-25	-25.85	H
10.241000	54.33	Pk	37.4	-95.2	-47.60	-51.07	-25	-26.07	V

LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-04-09
Test Engineer:	32534
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020000	54.30	Pk	34.0	-95.2	-49.40	-56.30	-25	-31.30	H
5.020500	55.06	Pk	34.0	-95.2	-49.35	-55.49	-25	-30.49	V
7.531000	54.05	Pk	35.7	-95.2	-47.90	-53.35	-25	-28.35	H
7.531000	52.96	Pk	35.7	-95.2	-47.90	-54.44	-25	-29.44	V
10.039500	54.80	Pk	37.3	-95.2	-47.90	-51.00	-25	-26.00	V
10.040500	55.35	Pk	37.3	-95.2	-47.95	-50.50	-25	-25.50	H
Mid Channel, 2535MHz									
5.070500	56.77	Pk	33.9	-95.2	-49.40	-53.93	-25	-28.93	H
5.070500	55.67	Pk	33.9	-95.2	-49.40	-55.03	-25	-30.03	V
7.607000	54.75	Pk	35.7	-95.2	-48.20	-52.95	-25	-27.95	H
7.607000	54.10	Pk	35.7	-95.2	-48.20	-53.60	-25	-28.60	V
10.140500	54.94	Pk	37.4	-95.2	-48.00	-50.86	-25	-25.86	H
10.140500	55.10	Pk	37.4	-95.2	-48.00	-50.70	-25	-25.70	V
High Channel, 2560MHz									
5.120500	56.73	Pk	34.1	-95.2	-49.45	-53.82	-25	-28.82	H
5.120500	56.60	Pk	34.1	-95.2	-49.45	-53.95	-25	-28.95	V
7.680500	52.73	Pk	35.8	-95.2	-47.40	-54.07	-25	-29.07	H
7.680500	52.93	Pk	35.8	-95.2	-47.40	-53.87	-25	-28.87	V
10.240000	54.20	Pk	37.4	-95.2	-47.70	-51.30	-25	-26.30	H
10.240000	54.37	Pk	37.4	-95.2	-47.70	-51.13	-25	-26.13	V

LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-14
Test Engineer:	45258
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.019500	56.45	Pk	33.9	-95.2	-49.26	-54.11	-25	-29.11	V
5.021000	56.86	Pk	33.9	-95.2	-49.24	-53.68	-25	-28.68	H
7.528500	55.55	Pk	35.7	-95.2	-47.60	-51.55	-25	-26.55	H
7.530500	55.86	Pk	35.7	-95.2	-47.60	-51.24	-25	-26.24	V
10.039000	55.47	Pk	37.3	-95.2	-48.08	-50.51	-25	-25.51	V
10.040500	56.28	Pk	37.3	-95.2	-48.10	-49.72	-25	-24.72	H
Mid Channel, 2535MHz									
5.070500	58.90	Pk	33.9	-95.2	-49.35	-51.75	-25	-26.75	H
5.071000	56.35	Pk	33.9	-95.2	-49.35	-54.3	-25	-29.3	V
7.604000	55.43	Pk	35.8	-95.2	-47.59	-51.56	-25	-26.56	H
7.606000	55.25	Pk	35.8	-95.2	-47.59	-51.74	-25	-26.74	V
10.140000	56.00	Pk	37.3	-95.2	-47.53	-49.43	-25	-24.43	H
10.140500	56.44	Pk	37.3	-95.2	-47.53	-48.99	-25	-23.99	V
High Channel, 2560MHz									
5.119000	56.12	Pk	34.0	-95.2	-49.10	-54.18	-25	-29.18	V
5.121500	56.67	Pk	34.0	-95.2	-49.07	-53.60	-25	-28.60	H
7.681500	54.03	Pk	35.8	-95.2	-47.48	-52.85	-25	-27.85	H
7.681500	54.51	Pk	35.8	-95.2	-47.48	-52.37	-25	-27.37	V
10.239500	54.99	Pk	37.4	-95.2	-46.73	-49.54	-25	-24.54	H
10.240000	54.76	Pk	37.4	-95.2	-46.72	-49.76	-25	-24.76	V

LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-14
Test Engineer:	32703
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.021500	56.63	Pk	33.9	-95.2	-49.24	-53.91	-25	-28.91	V
5.022500	56.08	Pk	33.9	-95.2	-49.25	-54.47	-25	-29.47	H
7.527500	54.76	Pk	35.7	-95.2	-47.60	-52.34	-25	-27.34	H
7.531000	53.92	Pk	35.7	-95.2	-47.59	-53.17	-25	-28.17	V
10.038500	57.69	Pk	37.3	-95.2	-48.07	-48.28	-25	-23.28	H
10.042000	55.52	Pk	37.3	-95.2	-48.09	-50.47	-25	-25.47	V
Mid Channel, 2535MHz									
5.070000	57.09	Pk	33.9	-95.2	-49.34	-53.55	-25	-28.55	H
5.071500	56.88	Pk	33.9	-95.2	-49.35	-53.77	-25	-28.77	V
7.606500	54.49	Pk	35.8	-95.2	-47.60	-52.51	-25	-27.51	H
7.607000	56.18	Pk	35.8	-95.2	-47.61	-50.83	-25	-25.83	V
10.140000	55.30	Pk	37.3	-95.2	-47.53	-50.13	-25	-25.13	H
10.140000	56.81	Pk	37.3	-95.2	-47.53	-48.62	-25	-23.62	V
High Channel, 2560MHz									
5.120500	56.50	Pk	34	-95.2	-49.09	-53.79	-25	-28.79	H
5.120500	56.34	Pk	34	-95.2	-49.09	-53.95	-25	-28.95	V
7.675500	55.94	Pk	35.8	-95.2	-47.45	-50.91	-25	-25.91	H
7.679500	54.39	Pk	35.8	-95.2	-47.46	-52.47	-25	-27.47	V
10.239500	55.47	Pk	37.4	-95.2	-46.73	-49.06	-25	-24.06	H
10.241000	54.98	Pk	37.4	-95.2	-46.73	-49.55	-25	-24.55	V

10.1.2. 5G NR n7

5G NR n7 (BPSK 50.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-27
Test Engineer:	32545
Configuration:	EUT Only
Mode	5G NR n7 BPSK 50MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2525MHz									
5.040500	56.59	Pk	34.0	-95.2	-49.25	-53.86	-25	-28.86	H
5.021500	56.99	Pk	34.0	-95.2	-49.35	-53.56	-25	-28.56	V
7.569500	55.64	Pk	35.7	-95.2	-48.00	-51.86	-25	-26.86	H
7.574000	55.37	Pk	35.7	-95.2	-48.10	-52.23	-25	-27.23	V
10.048000	56.05	Pk	37.3	-95.2	-48.00	-49.85	-25	-24.85	V
10.071500	56.57	Pk	37.3	-95.2	-48.10	-49.43	-25	-24.43	H
Mid Channel, 2535MHz									
5.086000	54.66	Pk	34.1	-95.2	-48.00	-54.44	-25	-29.44	H
5.089000	56.06	Pk	34.1	-95.2	-47.90	-52.94	-25	-27.94	V
7.606000	53.23	Pk	35.9	-95.2	-46.20	-52.27	-25	-27.27	H
7.603000	55.48	Pk	35.9	-95.2	-46.10	-49.92	-25	-24.92	V
10.144500	53.65	Pk	37.3	-95.2	-45.40	-49.65	-25	-24.65	V
10.145000	54.69	Pk	37.3	-95.2	-45.40	-48.61	-25	-23.61	H
High Channel, 2545MHz									
5.101000	57.56	Pk	34.0	-95.2	-49.50	-53.14	-25	-28.14	H
5.092000	56.99	Pk	34.0	-95.2	-49.60	-53.81	-25	-28.81	V
7.630500	55.51	Pk	35.7	-95.2	-48.05	-52.04	-25	-27.04	H
7.503000	57.30	Pk	35.7	-95.2	-47.80	-50.00	-25	-25.00	V
10.220000	56.27	Pk	37.4	-95.2	-47.70	-49.23	-25	-24.23	H
10.222000	55.97	Pk	37.4	-95.2	-47.70	-49.53	-25	-24.53	V

5G NR n7 (BPSK 50.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-05-01
Test Engineer:	26051
Configuration:	EUT Only
Mode	5G NR n7 BPSK 50MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2525MHz									
5.069500	56.11	Pk	34.3	-95.2	-47.25	-52.04	-25	-27.04	H
5.071000	56.45	Pk	34.3	-95.2	-47.30	-51.75	-25	-26.75	V
7.554500	53.69	Pk	35.7	-95.2	-44.90	-50.71	-25	-25.71	H
7.540500	53.60	Pk	35.7	-95.2	-44.60	-50.50	-25	-25.50	V
10.109000	54.33	Pk	37.5	-95.2	-44.50	-47.87	-25	-22.87	V
10.116000	54.84	Pk	37.5	-95.2	-44.30	-47.16	-25	-22.16	H
Mid Channel, 2535MHz									
5.094500	55.80	Pk	34.3	-95.2	-47.35	-52.45	-25	-27.45	H
5.079000	55.43	Pk	34.3	-95.2	-47.30	-52.77	-25	-27.77	V
7.622000	54.46	Pk	35.7	-95.2	-44.80	-49.84	-25	-24.84	H
7.613000	53.95	Pk	35.7	-95.2	-44.70	-50.25	-25	-25.25	V
10.162500	54.60	Pk	37.6	-95.2	-44.35	-47.35	-25	-22.35	H
10.162500	54.26	Pk	37.6	-95.2	-44.35	-47.69	-25	-22.69	V
High Channel, 2545MHz									
5.093500	56.97	Pk	34.3	-95.2	-47.30	-51.23	-25	-26.23	H
5.103000	55.68	Pk	34.3	-95.2	-47.30	-52.52	-25	-27.52	V
7.651000	53.73	Pk	35.8	-95.2	-44.80	-50.47	-25	-25.47	H
7.638500	54.08	Pk	35.8	-95.2	-45.05	-50.37	-25	-25.37	V
10.198500	54.16	Pk	37.6	-95.2	-44.05	-47.49	-25	-22.49	H
10.198500	55.14	Pk	37.6	-95.2	-44.05	-46.51	-25	-21.51	V

5G NR n7 (BPSK 50.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-08
Test Engineer:	32933
Configuration:	EUT Only
Mode	5G NR n7 BPSK 50MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2525MHz									
5.042500	55.99	Pk	33.9	-95.2	-49.30	-54.61	-25	-29.61	V
5.047000	56.51	Pk	33.9	-95.2	-49.28	-54.07	-25	-29.07	H
7.565500	54.73	Pk	35.7	-95.2	-47.70	-52.47	-25	-27.47	V
7.566000	54.46	Pk	35.7	-95.2	-47.71	-52.75	-25	-27.75	H
10.178000	56.65	Pk	37.4	-95.2	-46.98	-48.13	-25	-23.13	V
10.180000	56.10	Pk	37.4	-95.2	-46.91	-48.61	-25	-23.61	H
Mid Channel, 2535MHz									
5.073000	57.18	Pk	33.9	-95.2	-49.34	-53.46	-25	-28.46	H
5.073500	57.08	Pk	33.9	-95.2	-49.34	-53.56	-25	-28.56	V
7.614000	54.67	Pk	35.8	-95.2	-47.65	-52.38	-25	-27.38	V
7.618000	55.07	Pk	35.8	-95.2	-47.65	-51.98	-25	-26.98	H
10.127000	57.40	Pk	37.3	-95.2	-47.75	-48.25	-25	-23.25	V
10.128500	56.57	Pk	37.3	-95.2	-47.72	-49.05	-25	-24.05	H
High Channel, 2545MHz									
5.122000	57.47	Pk	34.0	-95.2	-49.05	-52.78	-25	-27.78	H
5.126000	58.22	Pk	34.0	-95.2	-49.03	-52.01	-25	-27.01	V
7.639500	55.34	Pk	35.8	-95.2	-47.27	-51.33	-25	-26.33	V
7.644000	55.19	Pk	35.8	-95.2	-47.24	-51.45	-25	-26.45	H
10.194500	56.55	Pk	37.4	-95.2	-46.55	-47.80	-25	-22.80	H
10.195000	56.58	Pk	37.4	-95.2	-46.54	-47.76	-25	-22.76	V

5G NR n7 (BPSK 50.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-08
Test Engineer:	32933
Configuration:	EUT Only
Mode	5G NR n7 BPSK 50MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2525MHz									
5.040500	54.94	Pk	33.9	-95.2	-49.28	-55.64	-25	-30.64	H
5.040500	54.96	Pk	33.9	-95.2	-49.28	-55.62	-25	-30.62	V
7.560500	54.95	Pk	35.7	-95.2	-47.66	-52.21	-25	-27.21	H
7.560500	53.69	Pk	35.7	-95.2	-47.66	-53.47	-25	-28.47	V
10.080500	55.91	Pk	37.3	-95.2	-47.99	-49.98	-25	-24.98	H
10.080500	56.71	Pk	37.3	-95.2	-47.99	-49.18	-25	-24.18	V
Mid Channel, 2535MHz									
5.070500	56.58	Pk	33.9	-95.2	-49.35	-54.07	-25	-29.07	H
5.070500	56.32	Pk	33.9	-95.2	-49.35	-54.33	-25	-29.33	V
7.605500	54.40	Pk	35.8	-95.2	-47.59	-52.59	-25	-27.59	H
7.605500	53.06	Pk	35.8	-95.2	-47.59	-53.93	-25	-28.93	V
10.140500	56.12	Pk	37.3	-95.2	-47.53	-49.31	-25	-24.31	H
10.140500	54.32	Pk	37.3	-95.2	-47.53	-51.11	-25	-26.11	V
High Channel, 2545MHz									
5.011000	54.82	Pk	33.9	-95.2	-49.25	-55.73	-25	-30.73	H
5.011000	54.48	Pk	33.9	-95.2	-49.25	-56.07	-25	-31.07	V
7.650500	53.50	Pk	35.8	-95.2	-47.26	-53.16	-25	-28.16	H
7.650500	52.54	Pk	35.8	-95.2	-47.26	-54.12	-25	-29.12	V
10.200500	54.45	Pk	37.4	-95.2	-46.54	-49.89	-25	-24.89	H
10.200500	55.36	Pk	37.4	-95.2	-46.54	-48.98	-25	-23.98	V

10.1.3. ULCA LTE BAND 7

ULCA LTE BAND 7 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-07
Test Engineer:	32934
Configuration:	EUT only
Mode	LTE Band 7 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.012000	57.00	Pk	34.0	-95.2	-49.20	-53.20	-25	-28.20	H
4.983500	57.43	Pk	33.9	-95.2	-49.00	-52.87	-25	-27.87	V
7.531000	55.46	Pk	35.7	-95.2	-47.90	-51.94	-25	-26.94	H
7.489000	56.14	Pk	35.7	-95.2	-47.70	-51.06	-25	-26.06	V
10.019000	57.17	Pk	37.2	-95.2	-48.10	-48.93	-25	-23.93	V
10.028500	57.14	Pk	37.2	-95.2	-48.00	-48.86	-25	-23.86	H
Mid Channel, 2525.1MHz + 2544.9MHz									
5.052000	57.50	Pk	33.9	-95.2	-49.20	-53.00	-25	-28.00	H
5.017500	56.62	Pk	34.0	-95.2	-49.30	-53.88	-25	-28.88	V
7.571000	55.61	Pk	35.7	-95.2	-48.00	-51.89	-25	-26.89	H
7.625500	57.41	Pk	35.7	-95.2	-48.10	-50.19	-25	-25.19	V
10.081500	56.92	Pk	37.3	-95.2	-48.10	-49.08	-25	-24.08	H
10.090500	56.21	Pk	37.3	-95.2	-48.20	-49.89	-25	-24.89	V
High Channel, 2540.2MHz + 2560MHz									
5.043500	57.16	Pk	34.0	-95.2	-49.40	-53.44	-25	-28.44	H
5.041000	56.99	Pk	34.0	-95.2	-49.20	-53.41	-25	-28.41	V
7.595000	56.22	Pk	35.7	-95.2	-48.10	-51.38	-25	-26.38	H
7.641000	55.81	Pk	35.8	-95.2	-47.90	-51.49	-25	-26.49	V
10.150000	57.73	Pk	37.4	-95.2	-48.10	-48.17	-25	-23.17	H
10.184000	56.17	Pk	37.4	-95.2	-47.80	-49.43	-25	-24.43	V

ULCA LTE BAND 7 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-04-10
Test Engineer:	32934
Configuration:	EUT only
Mode	LTE Band 7 QPSK 20MHz + 20MHz
Chamber #:	05-RDE-D

Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.014500	57.64	Pk	34.2	-95.2	-48.72	-52.08	-25	-27.08	V
5.017500	57.13	Pk	34.2	-95.2	-48.69	-52.56	-25	-27.56	H
7.531000	55.20	Pk	35.6	-95.2	-46.78	-51.18	-25	-26.18	H
7.535500	55.71	Pk	35.6	-95.2	-46.83	-50.72	-25	-25.72	V
10.028500	56.62	Pk	37.1	-95.2	-46.55	-48.03	-25	-23.03	H
10.050500	56.36	Pk	37.1	-95.2	-46.41	-48.15	-25	-23.15	V
Mid Channel, 2525.1MHz + 2544.9MHz									
4.998500	56.55	Pk	34.2	-95.2	-48.54	-52.99	-25	-27.99	V
5.035000	57.65	Pk	34.2	-95.2	-48.51	-51.86	-25	-26.86	H
7.531500	54.16	Pk	35.6	-95.2	-46.78	-52.22	-25	-27.22	V
7.568500	55.38	Pk	35.6	-95.2	-46.86	-51.08	-25	-26.08	H
10.111000	56.82	Pk	37.2	-95.2	-46.62	-47.80	-25	-22.80	V
10.117500	56.58	Pk	37.2	-95.2	-46.51	-47.93	-25	-22.93	H
High Channel, 2540.2MHz + 2560MHz									
5.086500	56.65	Pk	34.2	-95.2	-48.61	-52.96	-25	-27.96	V
5.098000	58.01	Pk	34.2	-95.2	-48.51	-51.50	-25	-26.50	H
7.618500	54.98	Pk	35.7	-95.2	-46.93	-51.45	-25	-26.45	H
7.636000	55.22	Pk	35.7	-95.2	-46.81	-51.09	-25	-26.09	V
9.942500	56.08	Pk	37.0	-95.2	-45.85	-47.97	-25	-22.97	V
9.956500	57.35	Pk	37.0	-95.2	-45.98	-46.83	-25	-21.83	H

ULCA LTE BAND 7 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-15
Test Engineer:	32545
Configuration:	EUT only
Mode	LTE Band 7 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.039500	55.48	Pk	34.2	-95.2	-48.48	-54.00	-25	-29.00	H
5.039500	55.32	Pk	34.2	-95.2	-48.48	-54.16	-25	-29.16	V
7.559500	53.53	Pk	35.6	-95.2	-46.82	-52.89	-25	-27.89	H
7.559500	53.13	Pk	35.6	-95.2	-46.82	-53.29	-25	-28.29	V
10.079500	54.98	Pk	37.1	-95.2	-46.57	-49.69	-25	-24.69	H
10.079500	54.00	Pk	37.1	-95.2	-46.57	-50.67	-25	-25.67	V
Mid Channel, 2525.1MHz + 2544.9MHz									
5.070500	55.33	Pk	34.2	-95.2	-48.58	-54.25	-25	-29.25	H
5.070500	55.80	Pk	34.2	-95.2	-48.58	-53.78	-25	-28.78	V
7.605500	53.78	Pk	35.7	-95.2	-47.01	-52.73	-25	-27.73	H
7.605500	54.30	Pk	35.7	-95.2	-47.01	-52.21	-25	-27.21	V
10.140500	54.80	Pk	37.2	-95.2	-46.50	-49.70	-25	-24.70	H
5.070500	55.33	Pk	34.2	-95.2	-48.58	-54.25	-25	-29.25	H
High Channel, 2540.2MHz + 2560MHz									
5.100500	55.77	Pk	34.2	-95.2	-48.48	-53.71	-25	-28.71	H
5.100500	55.13	Pk	34.2	-95.2	-48.48	-54.35	-25	-29.35	V
7.650500	52.37	Pk	35.7	-95.2	-46.72	-53.85	-25	-28.85	H
7.650500	53.25	Pk	35.7	-95.2	-46.72	-52.97	-25	-27.97	V
10.200500	54.41	Pk	37.2	-95.2	-46.43	-50.02	-25	-25.02	H
10.200500	55.10	Pk	37.2	-95.2	-46.43	-49.33	-25	-24.33	V

ULCA LTE BAND 7 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-17
Test Engineer:	32545
Configuration:	EUT only
Mode	LTE Band 7 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.013500	55.84	Pk	34.0	-95.2	-47.80	-53.16	-25	-28.16	V
5.023000	57.57	Pk	34.0	-95.2	-48.00	-51.63	-25	-26.63	H
7.561000	54.59	Pk	35.9	-95.2	-46.10	-50.81	-25	-25.81	H
7.563500	54.55	Pk	35.9	-95.2	-46.10	-50.85	-25	-25.85	V
10.089000	55.61	Pk	37.3	-95.2	-46.00	-48.29	-25	-23.29	H
10.093000	55.77	Pk	37.3	-95.2	-46.10	-48.23	-25	-23.23	V
Mid Channel, 2525.1MHz + 2544.9MHz									
5.055000	56.72	Pk	34	-95.2	-48.10	-52.58	-25	-27.58	V
5.085000	56.52	Pk	34.1	-95.2	-48.00	-52.58	-25	-27.58	H
7.598500	55.37	Pk	35.9	-95.2	-46.10	-50.03	-25	-25.03	V
7.609500	54.61	Pk	35.9	-95.2	-46.15	-50.84	-25	-25.84	H
10.118500	56.52	Pk	37.3	-95.2	-46.00	-47.38	-25	-22.38	V
10.161500	54.87	Pk	37.3	-95.2	-45.35	-48.38	-25	-23.38	H
High Channel, 2540.2MHz + 2560MHz									
5.1025000	57.21	Pk	34.1	-95.2	-47.95	-51.84	-25	-26.84	H
5.109000	56.96	Pk	34.1	-95.2	-48.00	-52.14	-25	-27.14	V
7.649500	54.42	Pk	35.9	-95.2	-45.95	-50.83	-25	-25.83	H
7.657500	54.19	Pk	35.9	-95.2	-46.00	-51.11	-25	-26.11	V
10.220000	54.40	Pk	37.4	-95.2	-44.70	-48.10	-25	-23.10	H
10.221500	55.28	Pk	37.4	-95.2	-44.75	-47.27	-25	-22.27	V

10.1.4. LTE BAND 41 (FCC)

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-07
Test Engineer:	32545
Configuration:	EUT Only
Mode	LTE 41 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2506MHz									
5.012500	55.92	Pk	34.0	-95.2	-49.25	-54.53	-25	-29.53	H
5.012500	54.90	Pk	34.0	-95.2	-49.25	-55.55	-25	-30.55	V
7.518500	53.62	Pk	35.7	-95.2	-47.80	-53.68	-25	-28.68	H
7.518500	53.86	Pk	35.7	-95.2	-47.80	-53.44	-25	-28.44	V
10.025000	55.01	Pk	37.2	-95.2	-47.90	-50.89	-25	-25.89	H
10.025000	55.87	Pk	37.2	-95.2	-47.90	-50.03	-25	-25.03	V
Mid Channel, 2593MHz									
5.186000	55.55	Pk	34.0	-95.2	-49.00	-54.65	-25	-29.65	H
5.186000	55.06	Pk	34.0	-95.2	-49.00	-55.14	-25	-30.14	V
7.779000	54.77	Pk	35.8	-95.2	-47.20	-51.83	-25	-26.83	H
7.779000	54.18	Pk	35.8	-95.2	-47.20	-52.42	-25	-27.42	V
10.372000	53.42	Pk	37.5	-95.2	-47.60	-51.88	-25	-26.88	H
10.372000	55.04	Pk	37.5	-95.2	-47.60	-50.26	-25	-25.26	V
High Channel, 2680MHz									
5.360500	54.41	Pk	34.3	-95.2	-48.95	-55.44	-25	-30.44	H
5.360500	54.97	Pk	34.3	-95.2	-48.95	-54.88	-25	-29.88	V
8.041000	53.56	Pk	35.9	-95.2	-47.10	-52.84	-25	-27.84	H
8.041000	53.50	Pk	35.9	-95.2	-47.10	-52.90	-25	-27.90	V
10.720500	54.37	Pk	37.7	-95.2	-46.60	-49.73	-25	-24.73	H
10.720500	52.81	Pk	37.7	-95.2	-46.60	-51.29	-25	-26.29	V

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-06-02
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 41 QPSK 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2506MHz									
5.019500	56.06	Pk	34.0	-95.2	-47.85	-52.99	-25	-27.99	H
5.001500	55.65	Pk	34.0	-95.2	-47.80	-53.35	-25	-28.35	V
7.521500	54.20	Pk	35.8	-95.2	-45.95	-51.15	-25	-26.15	H
7.518000	53.96	Pk	35.8	-95.2	-46.00	-51.44	-25	-26.44	V
9.980000	54.94	Pk	37.2	-95.2	-45.90	-48.96	-25	-23.96	V
10.011000	55.04	Pk	37.2	-95.2	-45.90	-48.86	-25	-23.86	H
Mid Channel, 2593MHz									
5.146500	57.26	Pk	34.1	-95.2	-49.35	-53.19	-25	-28.19	V
5.177500	56.86	Pk	34.1	-95.2	-49.00	-53.24	-25	-28.24	H
7.752500	56.47	Pk	35.8	-95.2	-47.10	-50.03	-25	-25.03	V
7.778000	55.36	Pk	35.8	-95.2	-47.20	-51.24	-25	-26.24	H
10.385500	55.71	Pk	37.5	-95.2	-47.50	-49.49	-25	-24.49	H
10.450500	56.75	Pk	37.5	-95.2	-46.80	-47.75	-25	-22.75	V
High Channel, 2680MHz									
5.368000	56.59	Pk	34.3	-95.2	-49.00	-53.31	-25	-28.31	H
5.341500	57.20	Pk	34.2	-95.2	-49.05	-52.85	-25	-27.85	V
8.044500	54.80	Pk	35.9	-95.2	-47.15	-51.65	-25	-26.65	H
8.036000	55.65	Pk	35.9	-95.2	-47.00	-50.65	-25	-25.65	V
10.642500	57.33	Pk	37.7	-95.2	-47.00	-47.17	-25	-22.17	V
10.705500	55.91	Pk	37.7	-95.2	-46.55	-48.14	-25	-23.14	H

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-14
Test Engineer:	25369
Configuration:	EUT Only
Mode	LTE 41 QPSK 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2506MHz									
4.994000	56.22	Pk	34.2	-95.2	-48.43	-53.21	-25	-28.21	V
5.013000	57.13	Pk	34.2	-95.2	-48.75	-52.62	-25	-27.62	H
7.503000	55.34	Pk	35.6	-95.2	-46.80	-51.06	-25	-26.06	V
7.528000	55.42	Pk	35.6	-95.2	-46.78	-50.96	-25	-25.96	H
10.030000	56.90	Pk	37.1	-95.2	-46.37	-47.57	-25	-22.57	H
10.041500	57.87	Pk	37.1	-95.2	-46.69	-46.92	-25	-21.92	V
Mid Channel, 2593MHz									
5.157000	56.30	Pk	34.2	-95.2	-48.00	-52.70	-25	-27.70	V
5.170500	57.53	Pk	34.2	-95.2	-47.80	-51.27	-25	-26.27	H
7.866000	55.99	Pk	35.9	-95.2	-45.90	-49.21	-25	-24.21	V
7.877500	56.34	Pk	36.0	-95.2	-45.85	-48.71	-25	-23.71	H
10.367500	54.92	Pk	37.5	-95.2	-45.35	-48.13	-25	-23.13	H
10.392000	55.15	Pk	37.5	-95.2	-45.00	-47.55	-25	-22.55	V
High Channel, 2680MHz									
5.365500	55.70	Pk	34.6	-95.2	-47.80	-52.70	-25	-27.70	H
5.352500	56.60	Pk	34.6	-95.2	-47.80	-51.80	-25	-26.80	V
8.050500	54.37	Pk	36.0	-95.2	-45.45	-50.28	-25	-25.28	H
8.021500	53.81	Pk	36.0	-95.2	-45.05	-50.44	-25	-25.44	V
10.703500	54.16	Pk	37.7	-95.2	-44.60	-47.94	-25	-22.94	V
10.724500	55.68	Pk	37.7	-95.2	-44.60	-46.42	-25	-21.42	H

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-06-02
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 41 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2506MHz									
5.010000	57.03	Pk	34.0	-95.2	-49.30	-53.47	-25	-28.47	H
5.006000	57.23	Pk	34.0	-95.2	-49.10	-53.07	-25	-28.07	V
7.500500	54.57	Pk	35.7	-95.2	-47.70	-52.63	-25	-27.63	H
7.478500	55.83	Pk	35.7	-95.2	-47.90	-51.57	-25	-26.57	V
10.022500	55.83	Pk	37.2	-95.2	-47.90	-50.07	-25	-25.07	H
10.025500	56.99	Pk	37.2	-95.2	-47.90	-48.91	-25	-23.91	V
Mid Channel, 2593MHz									
5.192500	57.48	Pk	34.1	-95.2	-49.05	-52.67	-25	-27.67	H
5.201500	56.86	Pk	34.1	-95.2	-49.00	-53.24	-25	-28.24	V
7.780500	54.84	Pk	35.8	-95.2	-47.25	-51.81	-25	-26.81	H
7.742500	55.65	Pk	35.8	-95.2	-47.00	-50.75	-25	-25.75	V
10.365500	55.80	Pk	37.5	-95.2	-47.85	-49.75	-25	-24.75	H
10.393500	56.15	Pk	37.5	-95.2	-47.55	-49.10	-25	-24.10	V
High Channel, 2680MHz									
5.369000	57.34	Pk	34.3	-95.2	-49.00	-52.56	-25	-27.56	H
5.342500	56.41	Pk	34.2	-95.2	-49.00	-53.59	-25	-28.59	V
8.050500	55.09	Pk	35.9	-95.2	-47.20	-51.41	-25	-26.41	H
8.011500	55.70	Pk	35.9	-95.2	-46.90	-50.50	-25	-25.50	V
10.717000	55.99	Pk	37.7	-95.2	-46.60	-48.11	-25	-23.11	H
10.722500	55.34	Pk	37.7	-95.2	-46.65	-48.81	-25	-23.81	V

10.1.5. 5G NR n41 (FCC)

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-03-28
Test Engineer:	32934
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2546MHz									
5.109500	56.27	Pk	34.1	-95.2	-48.00	-52.83	-25	-27.83	H
5.069000	56.43	Pk	34.1	-95.2	-48.10	-52.77	-25	-27.77	V
7.653500	53.76	Pk	35.9	-95.2	-45.90	-51.44	-25	-26.44	H
7.638000	54.90	Pk	35.9	-95.2	-46.10	-50.50	-25	-25.50	V
10.174000	55.31	Pk	37.3	-95.2	-45.10	-47.69	-25	-22.69	V
10.176500	54.68	Pk	37.3	-95.2	-45.10	-48.32	-25	-23.32	H
Mid Channel, 2593MHz									
5.152000	55.61	Pk	34.2	-95.2	-48.00	-53.39	-25	-28.39	H
5.158000	56.15	Pk	34.2	-95.2	-48.00	-52.85	-25	-27.85	V
7.785500	53.76	Pk	35.9	-95.2	-45.45	-50.99	-25	-25.99	H
7.806500	53.82	Pk	35.9	-95.2	-45.75	-51.23	-25	-26.23	V
10.209500	54.94	Pk	37.3	-95.2	-44.80	-47.76	-25	-22.76	V
10.220000	54.18	Pk	37.4	-95.2	-44.70	-48.32	-25	-23.32	H
High Channel, 2640MHz									
5.271000	55.98	Pk	34.5	-95.2	-47.30	-52.02	-25	-27.02	V
5.292000	56.08	Pk	34.5	-95.2	-47.60	-52.22	-25	-27.22	H
7.931500	53.65	Pk	36.0	-95.2	-45.10	-50.65	-25	-25.65	H
8.025000	55.27	Pk	36.0	-95.2	-45.00	-48.93	-25	-23.93	V
10.523500	54.00	Pk	37.6	-95.2	-45.50	-49.10	-25	-24.10	V
10.574000	55.48	Pk	37.7	-95.2	-45.60	-47.62	-25	-22.62	H

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-07-11
Test Engineer:	32934
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2546MHz									
5.104500	57.06	Pk	34.0	-95.2	-49.50	-53.64	-25	-28.64	V
5.106000	57.54	Pk	34.0	-95.2	-49.40	-53.06	-25	-28.06	H
7.626500	55.22	Pk	35.7	-95.2	-48.10	-52.38	-25	-27.38	V
7.651500	55.12	Pk	35.8	-95.2	-47.80	-52.08	-25	-27.08	H
10.163500	56.78	Pk	37.4	-95.2	-48.00	-49.02	-25	-24.02	V
10.177000	56.34	Pk	37.4	-95.2	-48.10	-49.56	-25	-24.56	H
Mid Channel, 2593MHz									
5.122000	57.31	Pk	34.1	-95.2	-49.40	-53.19	-25	-28.19	V
5.172500	55.95	Pk	34.1	-95.2	-48.95	-54.10	-25	-29.10	H
7.759500	54.72	Pk	35.8	-95.2	-47.10	-51.78	-25	-26.78	V
7.776500	55.02	Pk	35.8	-95.2	-47.30	-51.68	-25	-26.68	H
10.378500	56.8	Pk	37.5	-95.2	-47.65	-48.55	-25	-23.55	H
10.384500	56.26	Pk	37.5	-95.2	-47.50	-48.94	-25	-23.94	V
High Channel, 2640MHz									
5.268500	56.38	Pk	34.2	-95.2	-49.00	-53.62	-25	-28.62	V
5.295500	56.79	Pk	34.2	-95.2	-49.00	-53.21	-25	-28.21	H
7.885000	55.51	Pk	35.9	-95.2	-47.50	-51.29	-25	-26.29	V
7.925500	54.98	Pk	35.9	-95.2	-46.95	-51.27	-25	-26.27	H
10.540000	55.72	Pk	37.6	-95.2	-47.10	-48.98	-25	-23.98	V
10.558000	56.42	Pk	37.6	-95.2	-47.30	-48.48	-25	-23.48	H

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-08
Test Engineer:	32933
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2546MHz									
5.113500	56.91	Pk	34.0	-95.2	-49.11	-53.40	-25	-28.40	H
5.113500	56.93	Pk	34.0	-95.2	-49.11	-53.38	-25	-28.38	V
7.654500	54.45	Pk	35.8	-95.2	-47.28	-52.23	-25	-27.23	H
7.655000	54.88	Pk	35.8	-95.2	-47.28	-51.80	-25	-26.80	V
10.162000	56.14	Pk	37.4	-95.2	-47.42	-49.08	-25	-24.08	V
10.164500	57.43	Pk	37.4	-95.2	-47.38	-47.75	-25	-22.75	H
Mid Channel, 2593MHz									
5.181000	57.29	Pk	34.1	-95.2	-48.78	-52.59	-25	-27.59	H
5.171000	57.04	Pk	34.1	-95.2	-48.79	-52.85	-25	-27.85	V
7.772000	56.12	Pk	35.8	-95.2	-47.42	-50.70	-25	-25.70	H
7.777000	55.57	Pk	35.8	-95.2	-47.44	-51.27	-25	-26.27	V
10.397000	56.44	Pk	37.4	-95.2	-46.75	-48.11	-25	-23.11	H
10.391000	56.11	Pk	37.4	-95.2	-46.87	-48.56	-25	-23.56	V
High Channel, 2640MHz									
5.255000	56.35	Pk	34.3	-95.2	-48.94	-53.49	-25	-28.49	H
5.260000	56.72	Pk	34.3	-95.2	-49.00	-53.18	-25	-28.18	V
7.859500	55.49	Pk	35.8	-95.2	-47.11	-51.02	-25	-26.02	H
7.860000	54.91	Pk	35.8	-95.2	-47.11	-51.60	-25	-26.60	V
10.543000	54.60	Pk	37.6	-95.2	-45.57	-48.57	-25	-23.57	V
10.553500	55.13	Pk	37.6	-95.2	-45.75	-48.22	-25	-23.22	H

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-08
Test Engineer:	25019
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2546MHz									
4.992500	54.17	Pk	33.8	-95.2	-49.16	-56.39	-25	-31.39	H
4.992500	54.29	Pk	33.8	-95.2	-49.16	-56.27	-25	-31.27	V
7.488000	53.78	Pk	35.7	-95.2	-47.51	-53.23	-25	-28.23	H
7.488000	54.38	Pk	35.7	-95.2	-47.51	-52.63	-25	-27.63	V
9.984000	53.62	Pk	37.2	-95.2	-47.25	-51.63	-25	-26.63	H
9.984000	55.14	Pk	37.2	-95.2	-47.25	-50.11	-25	-25.11	V
Mid Channel, 2593MHz									
5.087000	55.80	Pk	33.9	-95.2	-49.27	-54.77	-25	-29.77	H
5.087000	55.46	Pk	33.9	-95.2	-49.27	-55.11	-25	-30.11	V
7.630000	53.56	Pk	35.8	-95.2	-47.47	-53.31	-25	-28.31	H
7.630000	53.71	Pk	35.8	-95.2	-47.47	-53.16	-25	-28.16	V
10.173000	56.60	Pk	37.4	-95.2	-47.19	-48.39	-25	-23.39	H
10.173000	56.44	Pk	37.4	-95.2	-47.19	-48.55	-25	-23.55	V
High Channel, 2640MHz									
5.274000	56.23	Pk	34.3	-95.2	-49.02	-53.69	-25	-28.69	H
5.276500	55.93	Pk	34.3	-95.2	-49.03	-54.00	-25	-29.00	V
7.936000	53.88	Pk	35.9	-95.2	-46.56	-51.98	-25	-26.98	H
7.936500	54.05	Pk	35.9	-95.2	-46.57	-51.82	-25	-26.82	V
10.570500	55.42	Pk	37.6	-95.2	-45.91	-48.09	-25	-23.09	H
10.574000	54.52	Pk	37.6	-95.2	-45.91	-48.99	-25	-23.99	V

10.1.6. ULCA LTE BAND 41 (FCC)

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-07
Test Engineer:	32934
Configuration:	EUT only
Mode	LTE Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.023500	56.62	Pk	34.0	-95.2	-49.25	-53.83	-25	-28.83	H
5.003000	58.01	Pk	34.0	-95.2	-49.10	-52.29	-25	-27.29	V
7.528500	55.31	Pk	35.7	-95.2	-47.90	-52.09	-25	-27.09	H
7.353500	57.48	Pk	35.6	-95.2	-48.05	-50.17	-25	-25.17	V
10.043500	56.43	Pk	37.3	-95.2	-47.95	-49.42	-25	-24.42	H
10.097000	56.61	Pk	37.3	-95.2	-48.10	-49.39	-25	-24.39	V
Mid Channel, 2525.1MHz + 2544.9MHz									
5.163500	56.40	Pk	34.1	-95.2	-49.10	-53.80	-25	-28.80	H
5.168000	57.03	Pk	34.1	-95.2	-49.00	-53.07	-25	-28.07	V
7.755500	55.59	Pk	35.8	-95.2	-47.00	-50.81	-25	-25.81	V
7.757000	55.85	Pk	35.8	-95.2	-47.00	-50.55	-25	-25.55	H
10.230000	57.61	Pk	37.4	-95.2	-47.60	-47.79	-25	-22.79	V
10.338000	56.46	Pk	37.4	-95.2	-47.90	-49.24	-25	-24.24	H
High Channel, 2540.2MHz + 2560MHz									
5.313000	57.14	Pk	34.2	-95.2	-48.90	-52.76	-25	-27.76	V
5.325500	56.82	Pk	34.2	-95.2	-49.00	-53.18	-25	-28.18	H
8.003000	56.65	Pk	35.9	-95.2	-46.90	-49.55	-25	-24.55	H
8.014000	55.24	Pk	35.9	-95.2	-47.00	-51.06	-25	-26.06	V
10.640000	56.76	Pk	37.7	-95.2	-47.00	-47.74	-25	-22.74	H
10.688000	55.82	Pk	37.7	-95.2	-46.60	-48.28	-25	-23.28	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-04-10
Test Engineer:	32934
Configuration:	EUT only
Mode	LTE Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.176000	56.36	Pk	34.1	-95.2	-49.00	-53.74	-25	-28.74	H
5.146000	56.52	Pk	34.1	-95.2	-49.30	-53.88	-25	-28.88	V
7.729000	54.65	Pk	35.8	-95.2	-47.10	-51.85	-25	-26.85	V
7.739000	55.47	Pk	35.8	-95.2	-47.00	-50.93	-25	-25.93	H
10.323000	55.98	Pk	37.4	-95.2	-48.00	-49.82	-25	-24.82	V
10.328000	56.74	Pk	37.4	-95.2	-47.90	-48.96	-25	-23.96	H
Mid Channel, 2525.1MHz + 2544.9MHz									
5.027000	56.74	Pk	34.0	-95.2	-49.40	-53.86	-25	-28.86	H
4.931500	58.86	Pk	33.8	-95.2	-49.15	-51.69	-25	-26.69	V
7.520000	55.32	Pk	35.7	-95.2	-47.80	-51.98	-25	-26.98	H
7.484000	55.91	Pk	35.7	-95.2	-47.90	-51.49	-25	-26.49	V
10.036000	56.06	Pk	37.2	-95.2	-47.90	-49.84	-25	-24.84	H
10.070500	56.28	Pk	37.3	-95.2	-48.10	-49.72	-25	-24.72	V
High Channel, 2540.2MHz + 2560MHz									
5.293000	56.33	Pk	34.2	-95.2	-49.00	-53.67	-25	-28.67	V
5.308000	56.42	Pk	34.2	-95.2	-48.90	-53.48	-25	-28.48	H
7.976000	54.40	Pk	35.9	-95.2	-46.60	-51.50	-25	-26.50	V
7.990000	55.50	Pk	35.9	-95.2	-46.80	-50.60	-25	-25.60	H
10.594500	55.72	Pk	37.7	-95.2	-47.20	-48.98	-25	-23.98	H
10.655000	57.50	Pk	37.7	-95.2	-47.00	-47.00	-25	-22.00	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-06-02
Test Engineer:	32934
Configuration:	EUT only
Mode	LTE Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.023500	56.47	Pk	34.0	-95.2	-49.25	-53.98	-25	-28.98	H
4.998000	56.88	Pk	34.0	-95.2	-49.00	-53.32	-25	-28.32	V
7.519500	55.43	Pk	35.7	-95.2	-47.80	-51.87	-25	-26.87	H
7.507000	55.60	Pk	35.7	-95.2	-47.80	-51.70	-25	-26.70	V
10.012500	57.04	Pk	37.2	-95.2	-48.00	-48.96	-25	-23.96	V
10.025500	55.91	Pk	37.2	-95.2	-47.90	-49.99	-25	-24.99	H
Mid Channel, 2525.1MHz + 2544.9MHz									
7.744000	55.42	Pk	35.8	-95.2	-47.00	-50.98	-25	-25.98	H
7.728000	55.65	Pk	35.8	-95.2	-47.00	-50.75	-25	-25.75	V
5.169500	56.37	Pk	34.1	-95.2	-48.90	-53.63	-25	-28.63	H
5.170500	56.81	Pk	34.1	-95.2	-48.95	-53.24	-25	-28.24	V
10.342500	56.44	Pk	37.4	-95.2	-47.90	-49.26	-25	-24.26	H
10.426000	55.91	Pk	37.5	-95.2	-47.30	-49.09	-25	-24.09	V
High Channel, 2540.2MHz + 2560MHz									
5.315500	57.82	Pk	34.2	-95.2	-48.90	-52.08	-25	-27.08	V
5.328000	57.83	Pk	34.2	-95.2	-49.00	-52.17	-25	-27.17	H
7.938500	54.39	Pk	35.9	-95.2	-46.80	-51.71	-25	-26.71	V
7.983500	54.31	Pk	35.9	-95.2	-46.70	-51.69	-25	-26.69	H
10.645000	55.62	Pk	37.7	-95.2	-46.90	-48.78	-25	-23.78	H
10.685500	55.56	Pk	37.7	-95.2	-46.75	-48.69	-25	-23.69	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-17
Test Engineer:	32545
Configuration:	EUT only
Mode	LTE Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 AC (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.019500	56.79	Pk	34.0	-95.2	-47.85	-52.26	-25	-27.26	H
5.025000	56.84	Pk	34.0	-95.2	-47.90	-52.26	-25	-27.26	V
7.531000	54.17	Pk	35.9	-95.2	-45.90	-51.03	-25	-26.03	V
7.556000	54.44	Pk	35.9	-95.2	-46.00	-50.86	-25	-25.86	H
10.058500	55.81	Pk	37.2	-95.2	-46.10	-48.29	-25	-23.29	V
10.075500	55.67	Pk	37.2	-95.2	-46.20	-48.53	-25	-23.53	H
Mid Channel, 2525.1MHz + 2544.9MHz									
5.169000	57.11	Pk	34.2	-95.2	-47.80	-51.69	-25	-26.69	H
5.210500	55.63	Pk	34.4	-95.2	-47.55	-52.72	-25	-27.72	V
7.764000	55.22	Pk	35.9	-95.2	-45.60	-49.68	-25	-24.68	H
7.796500	54.72	Pk	35.9	-95.2	-45.55	-50.13	-25	-25.13	V
10.378500	55.79	Pk	37.5	-95.2	-45.35	-47.26	-25	-22.26	V
10.384500	55.93	Pk	37.5	-95.2	-45.35	-47.12	-25	-22.12	H
High Channel, 2540.2MHz + 2560MHz									
5.278500	56.27	Pk	34.2	-95.2	-49.00	-53.73	-25	-28.73	V
5.308500	56.57	Pk	34.2	-95.2	-48.90	-53.33	-25	-28.33	H
7.974000	54.77	Pk	35.9	-95.2	-46.70	-51.23	-25	-26.23	V
7.984000	55.85	Pk	35.9	-95.2	-46.70	-50.15	-25	-25.15	H
10.638500	56.22	Pk	37.7	-95.2	-47.00	-48.28	-25	-23.28	H
10.631500	55.67	Pk	37.7	-95.2	-47.00	-48.83	-25	-23.83	V

10.1.7. LTE BAND 41 (IC)

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-07
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B41 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020000	54.23	Pk	34.0	-95.2	-49.40	-56.37	-25	-31.37	H
5.020000	56.35	Pk	34.0	-95.2	-49.40	-54.25	-25	-29.25	V
7.530500	55.47	Pk	35.7	-95.2	-47.90	-51.93	-25	-26.93	H
7.530500	55.34	Pk	35.7	-95.2	-47.90	-52.06	-25	-27.06	V
10.040000	53.22	Pk	37.3	-95.2	-47.90	-52.58	-25	-27.58	H
10.040000	54.42	Pk	37.3	-95.2	-47.90	-51.38	-25	-26.38	V
Mid Channel, 2595MHz									
5.191000	54.47	Pk	34	-95.2	-49.00	-55.73	-25	-30.73	H
5.191000	54.72	Pk	34	-95.2	-49.00	-55.48	-25	-30.48	V
7.785500	52.47	Pk	35.8	-95.2	-47.20	-54.13	-25	-29.13	H
7.785500	54.74	Pk	35.8	-95.2	-47.20	-51.86	-25	-26.86	V
10.380500	55.87	Pk	37.5	-95.2	-47.60	-49.43	-25	-24.43	H
10.380500	53.59	Pk	37.5	-95.2	-47.60	-51.71	-25	-26.71	V
High Channel, 2680MHz									
5.361000	54.72	Pk	34.3	-95.2	-49.00	-55.18	-25	-30.18	H
8.040500	53.27	Pk	35.9	-95.2	-47.10	-53.13	-25	-28.13	H
10.720500	53.52	Pk	37.7	-95.2	-46.60	-50.58	-25	-25.58	H
5.361000	54.51	Pk	34.3	-95.2	-49.00	-55.39	-25	-30.39	V
8.040500	53.66	Pk	35.9	-95.2	-47.10	-52.74	-25	-27.74	V
10.720500	54.47	Pk	37.7	-95.2	-46.60	-49.63	-25	-24.63	V

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-06-11
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B41 QPSK 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.032000	55.76	Pk	34.0	-95.2	-47.90	-53.34	-25	-28.34	H
5.053000	56.06	Pk	34.0	-95.2	-48.20	-53.34	-25	-28.34	V
7.534500	54.89	Pk	35.9	-95.2	-45.60	-50.01	-25	-25.01	H
7.502000	55.03	Pk	35.8	-95.2	-45.10	-49.47	-25	-24.47	V
10.044500	54.63	Pk	37.2	-95.2	-45.35	-48.72	-25	-23.72	H
10.051000	56.16	Pk	37.2	-95.2	-45.70	-47.54	-25	-22.54	V
Mid Channel, 2595MHz									
5.181000	55.75	Pk	34.3	-95.2	-47.50	-52.65	-25	-27.65	V
5.187500	55.45	Pk	34.3	-95.2	-47.60	-53.05	-25	-28.05	H
7.724500	54.60	Pk	35.9	-95.2	-45.50	-50.20	-25	-25.20	V
7.779000	54.81	Pk	35.9	-95.2	-45.30	-49.79	-25	-24.79	H
10.683000	55.9	Pk	37.7	-95.2	-43.80	-45.40	-25	-20.40	H
10.612000	55.11	Pk	37.7	-95.2	-44.60	-46.99	-25	-21.99	V
High Channel, 2680MHz									
5.353500	56.27	Pk	34.6	-95.2	-47.85	-52.18	-25	-27.18	H
8.029000	53.31	Pk	36.0	-95.2	-45.10	-50.99	-25	-25.99	H
10.80100	55.31	Pk	37.7	-95.2	-42.80	-44.99	-25	-19.99	H
10.73000	53.44	Pk	37.7	-95.2	-43.10	-47.16	-25	-22.16	V
5.339500	56.35	Pk	34.6	-95.2	-47.60	-51.85	-25	-26.85	V
7.981500	54.42	Pk	36.0	-95.2	-45.50	-50.28	-25	-25.28	V

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-14
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B41 QPSK 20MHz
Chamber #:	05-RDE-D

Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
4.989500	57.19	Pk	34.2	-95.2	-48.44	-52.25	-25	-27.25	V
4.999500	58.68	Pk	34.2	-95.2	-48.56	-50.88	-25	-25.88	H
7.518000	54.93	Pk	35.6	-95.2	-46.80	-51.47	-25	-26.47	V
7.520500	55.24	Pk	35.6	-95.2	-46.84	-51.20	-25	-26.20	H
10.025500	56.56	Pk	37.1	-95.2	-46.66	-48.20	-25	-23.20	V
10.042000	57.15	Pk	37.1	-95.2	-46.65	-47.60	-25	-22.60	H
Mid Channel, 2595MHz									
5.124500	57.41	Pk	34.2	-95.2	-48.05	-51.64	-25	-26.64	H
5.098500	55.71	Pk	34.1	-95.2	-47.95	-53.34	-25	-28.34	V
7.764000	53.92	Pk	35.9	-95.2	-45.60	-50.98	-25	-25.98	V
7.796500	55.11	Pk	35.9	-95.2	-45.55	-49.74	-25	-24.74	H
10.385000	56.18	Pk	37.5	-95.2	-45.40	-46.92	-25	-21.92	H
10.386000	54.47	Pk	37.5	-95.2	-45.30	-48.53	-25	-23.53	V
High Channel, 2680MHz									
5.351000	55.25	Pk	34.6	-95.2	-47.70	-53.05	-25	-28.05	H
5.334500	55.63	Pk	34.6	-95.2	-47.60	-52.57	-25	-27.57	V
8.044000	54.39	Pk	36.0	-95.2	-45.30	-50.11	-25	-25.11	H
8.058000	53.84	Pk	36.0	-95.2	-45.40	-50.76	-25	-25.76	V
10.704500	53.98	Pk	37.7	-95.2	-44.70	-48.22	-25	-23.22	V
10.711000	55.40	Pk	37.7	-95.2	-44.60	-46.70	-25	-21.70	H

LTE BAND 41 (QPSK 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-06-11
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B41 QPSK 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.030000	55.93	Pk	34.0	-95.2	-47.80	-53.07	-25	-28.07	H
5.037500	56.51	Pk	34.0	-95.2	-48.05	-52.74	-25	-27.74	V
7.526500	54.16	Pk	35.8	-95.2	-45.35	-50.59	-25	-25.59	H
7.503000	55.65	Pk	35.8	-95.2	-45.30	-49.05	-25	-24.05	V
10.005000	56.03	Pk	37.2	-95.2	-45.10	-47.07	-25	-22.07	V
10.034500	55.43	Pk	37.2	-95.2	-45.30	-47.87	-25	-22.87	H
Mid Channel, 2595MHz									
5.167500	55.53	Pk	34.2	-95.2	-47.80	-53.27	-25	-28.27	V
5.190500	55.68	Pk	34.3	-95.2	-47.45	-52.67	-25	-27.67	H
7.762500	53.98	Pk	35.9	-95.2	-45.10	-50.42	-25	-25.42	V
7.790000	55.25	Pk	35.9	-95.2	-45.50	-49.55	-25	-24.55	H
10.330000	54.54	Pk	37.4	-95.2	-45.10	-48.36	-25	-23.36	V
10.381500	54.25	Pk	37.5	-95.2	-45.05	-48.50	-25	-23.50	H
High Channel, 2680MHz									
5.367500	55.34	Pk	34.6	-95.2	-47.75	-53.01	-25	-28.01	H
5.332500	55.62	Pk	34.6	-95.2	-47.55	-52.53	-25	-27.53	V
8.034000	53.63	Pk	36.0	-95.2	-45.20	-50.77	-25	-25.77	H
7.992000	53.37	Pk	36.0	-95.2	-45.20	-51.03	-25	-26.03	V
10.725000	53.58	Pk	37.7	-95.2	-43.20	-47.12	-25	-22.12	H
10.710000	53.94	Pk	37.7	-95.2	-43.70	-47.26	-25	-22.26	V

10.1.8. 5G NR n41 (IC)

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-03-28
Test Engineer:	32934
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2550MHz									
5.107500	56.44	Pk	34.1	-95.2	-48.00	-52.66	-25	-27.66	H
5.082500	56.17	Pk	34.1	-95.2	-48.00	-52.93	-25	-27.93	V
7.722500	55.70	Pk	35.9	-95.2	-45.20	-48.80	-25	-23.8	H
7.684000	54.43	Pk	35.9	-95.2	-45.80	-50.67	-25	-25.67	V
10.190500	55.14	Pk	37.3	-95.2	-44.85	-47.61	-25	-22.61	H
10.205000	55.22	Pk	37.3	-95.2	-44.70	-47.38	-25	-22.38	V
Mid Channel, 2595MHz									
5.166000	56.02	Pk	34.2	-95.2	-47.80	-52.78	-25	-27.78	H
5.175000	55.71	Pk	34.3	-95.2	-47.60	-52.79	-25	-27.79	V
7.676500	53.98	Pk	35.9	-95.2	-45.90	-51.22	-25	-26.22	H
7.686500	55.49	Pk	35.9	-95.2	-45.80	-49.61	-25	-24.61	V
10.391500	54.80	Pk	37.5	-95.2	-45.00	-47.90	-25	-22.90	H
10.393500	55.29	Pk	37.5	-95.2	-44.90	-47.31	-25	-22.31	V
High Channel, 2640MHz									
5.276000	55.21	Pk	34.5	-95.2	-47.20	-52.69	-25	-27.69	V
5.290500	56.08	Pk	34.5	-95.2	-47.60	-52.22	-25	-27.22	H
7.925000	54.07	Pk	36.0	-95.2	-45.40	-50.53	-25	-25.53	V
7.935000	53.88	Pk	36.0	-95.2	-45.10	-50.42	-25	-25.42	H
10.538000	53.92	Pk	37.6	-95.2	-45.50	-49.18	-25	-24.18	V
10.555000	54.22	Pk	37.6	-95.2	-45.60	-48.98	-25	-23.98	H

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-06-03
Test Engineer:	32934
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2550MHz									
5.164000	57.14	Pk	34.1	-95.2	-49.10	-53.06	-25	-28.06	H
5.180500	57.68	Pk	34.1	-95.2	-48.90	-52.32	-25	-27.32	V
7.618000	56.48	Pk	35.7	-95.2	-48.10	-51.12	-25	-26.12	H
7.639000	56.24	Pk	35.8	-95.2	-47.90	-51.06	-25	-26.06	V
10.207000	56.65	Pk	37.4	-95.2	-47.80	-48.95	-25	-23.95	V
10.260000	56.54	Pk	37.4	-95.2	-47.80	-49.06	-25	-24.06	H
Mid Channel, 2595MHz									
5.185500	56.32	Pk	34.0	-95.2	-49.00	-53.88	-25	-28.88	H
5.186000	57.46	Pk	34.0	-95.2	-49.00	-52.74	-25	-27.74	V
7.789000	55.16	Pk	35.8	-95.2	-47.30	-51.54	-25	-26.54	H
7.790000	55.66	Pk	35.8	-95.2	-47.30	-51.04	-25	-26.04	V
10.316000	55.84	Pk	37.4	-95.2	-47.90	-49.86	-25	-24.86	V
10.368500	56.66	Pk	37.5	-95.2	-47.75	-48.79	-25	-23.79	H
High Channel, 2640MHz									
5.248500	56.46	Pk	34.2	-95.2	-48.90	-53.44	-25	-28.44	V
5.279500	57.08	Pk	34.2	-95.2	-49.05	-52.97	-25	-27.97	H
7.882500	55.05	Pk	35.9	-95.2	-47.50	-51.75	-25	-26.75	V
7.915500	55.17	Pk	35.9	-95.2	-47.10	-51.23	-25	-26.23	H
10.534000	55.73	Pk	37.6	-95.2	-47.10	-48.97	-25	-23.97	V
10.559500	55.31	Pk	37.6	-95.2	-47.15	-49.44	-25	-24.44	H

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-04-09
Test Engineer:	32933
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2550MHz									
5.098000	57.58	Pk	33.9	-95.2	-49.15	-52.87	-25	-27.87	H
5.102000	58.06	Pk	34.0	-95.2	-49.19	-52.33	-25	-27.33	V
7.665500	55.96	Pk	35.8	-95.2	-47.40	-50.84	-25	-25.84	V
7.669000	55.69	Pk	35.8	-95.2	-47.44	-51.15	-25	-26.15	H
10.183000	56.89	Pk	37.4	-95.2	-46.83	-47.74	-25	-22.74	H
10.194500	56.40	Pk	37.4	-95.2	-46.55	-47.95	-25	-22.95	V
Mid Channel, 2595MHz									
5.174500	56.35	Pk	34.1	-95.2	-48.82	-53.57	-25	-28.57	H
5.185000	56.35	Pk	34.1	-95.2	-48.82	-53.57	-25	-28.57	V
7.784000	55.40	Pk	35.8	-95.2	-47.44	-51.44	-25	-26.44	H
7.787500	55.81	Pk	35.8	-95.2	-47.42	-51.01	-25	-26.01	V
10.388000	56.29	Pk	37.4	-95.2	-46.95	-48.46	-25	-23.46	V
10.404000	55.92	Pk	37.5	-95.2	-46.66	-48.44	-25	-23.44	H
High Channel, 2640MHz									
5.284000	56.51	Pk	34.3	-95.2	-48.94	-53.33	-25	-28.33	H
5.267500	56.28	Pk	34.3	-95.2	-49.00	-53.62	-25	-28.62	V
7.904000	56.07	Pk	35.9	-95.2	-46.70	-49.93	-25	-24.93	H
7.894500	55.21	Pk	35.9	-95.2	-46.84	-50.93	-25	-25.93	V
10.565500	55.09	Pk	37.6	-95.2	-45.93	-48.44	-25	-23.44	H
10.540000	54.85	Pk	37.6	-95.2	-45.50	-48.25	-25	-23.25	V

5G NR n41 (BPSK 100.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-09
Test Engineer:	32933
Configuration:	EUT Only
Mode	5G NR n41 BPSK 100MHz
Chamber #:	04-RDE-P

Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2550MHz									
5.100500	57.00	Pk	34	-95.2	-49.18	-53.38	-25	-28.38	H
5.100500	57.12	Pk	34	-95.2	-49.18	-53.26	-25	-28.26	V
7.656000	55.82	Pk	35.8	-95.2	-47.27	-50.85	-25	-25.85	H
7.638000	55.83	Pk	35.8	-95.2	-47.31	-50.88	-25	-25.88	V
10.230000	56.94	Pk	37.4	-95.2	-46.77	-47.63	-25	-22.63	H
10.200000	56.81	Pk	37.4	-95.2	-46.53	-47.52	-25	-22.52	V
Mid Channel, 2595MHz									
5.173000	57.84	Pk	34.1	-95.2	-48.82	-52.08	-25	-27.08	H
5.180000	57.31	Pk	34.1	-95.2	-48.79	-52.58	-25	-27.58	V
7.796500	55.22	Pk	35.8	-95.2	-47.30	-51.48	-25	-26.48	H
7.808500	55.64	Pk	35.8	-95.2	-47.14	-50.90	-25	-25.90	V
10.393000	55.81	Pk	37.4	-95.2	-46.82	-48.81	-25	-23.81	H
10.381000	56.94	Pk	37.4	-95.2	-47.02	-47.88	-25	-22.88	V
High Channel, 2640MHz									
5.284000	57.40	Pk	34.3	-95.2	-48.94	-52.44	-25	-27.44	V
5.287000	56.90	Pk	34.3	-95.2	-48.94	-52.94	-25	-27.94	H
7.926500	55.46	Pk	35.9	-95.2	-46.44	-50.28	-25	-25.28	V
7.936000	55.65	Pk	35.9	-95.2	-46.56	-50.21	-25	-25.21	H
10.549000	55.24	Pk	37.6	-95.2	-45.71	-48.07	-25	-23.07	V
10.573500	55.89	Pk	37.6	-95.2	-45.91	-47.62	-25	-22.62	H

10.1.9. ULCA LTE BAND 41 (IC)

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496277
Date:	2025-04-07
Test Engineer:	32934
Configuration:	EUT Only
Mode	Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.020000	56.49	Pk	34.0	-95.2	-49.40	-54.11	-25	-29.11	H
5.018000	56.44	Pk	34.0	-95.2	-49.30	-54.06	-25	-29.06	V
7.526500	56.02	Pk	35.7	-95.2	-47.80	-51.28	-25	-26.28	H
7.489000	56.14	Pk	35.7	-95.2	-47.70	-51.06	-25	-26.06	V
10.039500	56.73	Pk	37.3	-95.2	-47.90	-49.07	-25	-24.07	H
10.082500	57.13	Pk	37.3	-95.2	-48.10	-48.87	-25	-23.87	V
Mid Channel, 2585.1MHz + 2604.9MHz									
5.164500	56.76	Pk	34.1	-95.2	-49.05	-53.39	-25	-28.39	V
5.168000	56.56	Pk	34.1	-95.2	-49.00	-53.54	-25	-28.54	H
7.847000	56.87	Pk	35.9	-95.2	-47.60	-50.03	-25	-25.03	H
7.856500	55.39	Pk	35.9	-95.2	-47.60	-51.51	-25	-26.51	V
10.346000	56.17	Pk	37.4	-95.2	-47.80	-49.43	-25	-24.43	H
10.347000	56.83	Pk	37.4	-95.2	-47.90	-48.87	-25	-23.87	V
High Channel, 2660.2MHz + 2680MHz									
5.303500	58.18	Pk	34.2	-95.2	-48.95	-51.77	-25	-26.77	V
5.328500	56.88	Pk	34.2	-95.2	-48.95	-53.07	-25	-28.07	H
7.988000	54.87	Pk	35.9	-95.2	-46.70	-51.13	-25	-26.13	H
7.993500	56.20	Pk	35.9	-95.2	-46.75	-49.85	-25	-24.85	V
10.654000	55.08	Pk	37.7	-95.2	-46.90	-49.32	-25	-24.32	H
10.689500	55.82	Pk	37.7	-95.2	-46.60	-48.28	-25	-23.28	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 2)

Project #:	15496277
Date:	2025-06-02
Test Engineer:	32934
Configuration:	EUT Only
Mode	Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.027500	57.25	Pk	34.0	-95.2	-49.35	-53.30	-25	-28.30	H
5.010500	57.50	Pk	34.0	-95.2	-49.25	-52.95	-25	-27.95	V
7.542000	55.37	Pk	35.7	-95.2	-47.80	-51.93	-25	-26.93	H
7.561500	55.92	Pk	35.7	-95.2	-48.00	-51.58	-25	-26.58	V
10.053500	55.31	Pk	37.3	-95.2	-47.80	-50.39	-25	-25.39	H
10.093500	56.63	Pk	37.3	-95.2	-48.05	-49.32	-25	-24.32	V
Mid Channel, 2585.1MHz + 2604.9MHz									
5.143500	57.69	Pk	34.1	-95.2	-49.25	-52.66	-25	-27.66	V
5.169000	57.11	Pk	34.1	-95.2	-48.90	-52.89	-25	-27.89	H
7.694500	54.76	Pk	35.8	-95.2	-47.30	-51.94	-25	-26.94	V
7.751000	55.51	Pk	35.8	-95.2	-47.10	-50.99	-25	-25.99	H
10.372500	55.98	Pk	37.5	-95.2	-47.60	-49.32	-25	-24.32	V
10.392000	57.71	Pk	37.5	-95.2	-47.50	-47.49	-25	-22.49	H
High Channel, 2660.2MHz + 2680MHz									
5.311000	57.34	Pk	34.2	-95.2	-49.00	-52.66	-25	-27.66	V
5.320500	56.33	Pk	34.2	-95.2	-49.00	-53.67	-25	-28.67	H
7.953500	55.67	Pk	35.9	-95.2	-46.80	-50.43	-25	-25.43	V
7.977000	54.14	Pk	35.9	-95.2	-46.60	-51.76	-25	-26.76	H
10.643500	55.13	Pk	37.7	-95.2	-47.00	-49.37	-25	-24.37	H
10.622000	55.63	Pk	37.7	-95.2	-47.00	-48.87	-25	-23.87	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 3)

Project #:	15496277
Date:	2025-06-03
Test Engineer:	32545
Configuration:	EUT Only
Mode	Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.031500	56.66	Pk	34.0	-95.2	-49.35	-53.89	-25	-28.89	H
5.007000	57.51	Pk	34.0	-95.2	-49.20	-52.89	-25	-27.89	V
7.532000	55.20	Pk	35.7	-95.2	-47.90	-52.20	-25	-27.20	H
7.549000	56.06	Pk	35.7	-95.2	-47.90	-51.34	-25	-26.34	V
10.041500	55.67	Pk	37.3	-95.2	-47.95	-50.18	-25	-25.18	V
10.046000	55.95	Pk	37.3	-95.2	-48.00	-49.95	-25	-24.95	H
Mid Channel, 2585.1MHz + 2604.9MHz									
5.166000	56.86	Pk	34.1	-95.2	-49.10	-53.34	-25	-28.34	H
5.169000	56.89	Pk	34.1	-95.2	-48.90	-53.11	-25	-28.11	V
7.750000	54.95	Pk	35.8	-95.2	-47.00	-51.45	-25	-26.45	H
7.798000	55.58	Pk	35.9	-95.2	-47.40	-51.12	-25	-26.12	V
10.401500	56.25	Pk	37.5	-95.2	-47.40	-48.85	-25	-23.85	V
10.408500	57.74	Pk	37.5	-95.2	-47.35	-47.31	-25	-22.31	H
High Channel, 2660.2MHz + 2680MHz									
5.305500	57.20	Pk	34.2	-95.2	-49.00	-52.80	-25	-27.80	V
5.329000	56.60	Pk	34.2	-95.2	-48.90	-53.30	-25	-28.30	H
7.960000	53.90	Pk	35.9	-95.2	-46.70	-52.10	-25	-27.10	V
7.970500	54.87	Pk	35.9	-95.2	-46.70	-51.13	-25	-26.13	H
10.652000	56.27	Pk	37.7	-95.2	-46.80	-48.03	-25	-23.03	H
10.656000	56.18	Pk	37.7	-95.2	-46.90	-48.22	-25	-23.22	V

ULCA LTE BAND 41 (QPSK 20.0MHZ + 20.0MHZ BANDWIDTH, ANT 4)

Project #:	15496277
Date:	2025-04-17
Test Engineer:	32545
Configuration:	EUT Only
Mode	Band 41 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz + 2529.8MHz									
5.054500	56.75	Pk	34.0	-95.2	-48.10	-52.55	-25	-27.55	V
5.059000	56.84	Pk	34.0	-95.2	-48.00	-52.36	-25	-27.36	H
7.544500	53.98	Pk	35.9	-95.2	-46.00	-51.32	-25	-26.32	V
7.567000	54.44	Pk	35.9	-95.2	-46.00	-50.86	-25	-25.86	H
10.057000	55.90	Pk	37.2	-95.2	-46.10	-48.20	-25	-23.20	V
10.075000	55.34	Pk	37.2	-95.2	-46.20	-48.86	-25	-23.86	H
Mid Channel, 2585.1MHz + 2604.9MHz									
5.182500	55.76	Pk	34.3	-95.2	-47.55	-52.69	-25	-27.69	H
5.203000	56.71	Pk	34.3	-95.2	-47.70	-51.89	-25	-26.89	V
7.767000	54.77	Pk	35.9	-95.2	-45.60	-50.13	-25	-25.13	H
7.787000	54.59	Pk	35.9	-95.2	-45.5	-50.21	-25	-25.21	V
10.381500	56.13	Pk	37.5	-95.2	-45.35	-46.92	-25	-21.92	V
10.391500	55.22	Pk	37.5	-95.2	-45.00	-47.48	-25	-22.48	H
High Channel, 2660.2MHz + 2680MHz									
5.321500	57.59	Pk	34.2	-95.2	-49.00	-52.41	-25	-27.41	V
5.328500	56.59	Pk	34.2	-95.2	-48.95	-53.36	-25	-28.36	H
8.057500	56.65	Pk	35.9	-95.2	-47.20	-49.85	-25	-24.85	V
7.976000	54.26	Pk	35.9	-95.2	-46.60	-51.64	-25	-26.64	H
10.656500	56.13	Pk	37.7	-95.2	-46.95	-48.32	-25	-23.32	V
10.652500	55.37	Pk	37.7	-95.2	-46.85	-48.98	-25	-23.98	H

11. SETUP PHOTOS

Refer to 15496277-EP1V1 for setup photos.

END OF REPORT