

QPSK LTE ULCA BAND 48B (20MHz + 20MHz BANDWIDTH, ANT 8)

Project #:	15496277
Date:	2025-06-28
Test Engineer:	111411
Configuration:	EUT only
Mode	LTE B48 QPSK 20MHz + 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dBm)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3560MHz + 3579.8MHz									
7.138336	52.23	RMS	35.7	-95.2	-47.20	-54.47	-40	-14.47	H
7.154202	52.13	RMS	35.7	-95.2	-47.18	-54.55	-40	-14.55	V
10.613605	53.10	RMS	37.7	-95.2	-47.06	-51.46	-40	-11.46	H
10.641605	52.09	RMS	37.7	-95.2	-47.00	-52.41	-40	-12.41	V
14.269474	51.64	RMS	39.2	-95.2	-45.90	-50.26	-40	-10.26	H
14.275074	51.67	RMS	39.2	-95.2	-45.99	-50.32	-40	-10.32	V
Mid Channel, 3615.1MHz + 3634.9MHz									
7.231202	51.86	RMS	35.7	-95.2	-47.80	-55.44	-40	-15.44	V
7.238669	51.25	RMS	35.7	-95.2	-47.90	-56.15	-40	-16.15	H
10.843672	50.94	RMS	37.8	-95.2	-46.33	-52.79	-40	-12.79	H
10.885672	50.80	RMS	37.8	-95.2	-46.40	-53.00	-40	-13.00	V
14.564408	53.28	RMS	39.4	-95.2	-45.70	-48.22	-40	-8.22	H
14.634408	52.18	RMS	39.5	-95.2	-45.96	-49.48	-40	-9.48	V
High Channel, 3670.2MHz + 3690MHz									
7.321736	51.86	RMS	35.6	-95.2	-47.80	-55.54	-40	-15.54	H
7.294202	52.05	RMS	35.6	-95.2	-47.80	-55.35	-40	-15.35	V
11.003738	51.40	RMS	37.8	-95.2	-46.23	-52.23	-40	-12.23	H
11.005138	50.47	RMS	37.8	-95.2	-46.29	-53.22	-40	-13.22	V
14.686674	52.07	RMS	39.6	-95.2	-45.83	-49.36	-40	-9.36	V
14.710941	52.14	RMS	39.6	-95.2	-45.90	-49.36	-40	-9.36	H

QPSK LTE ULCA BAND 48B (20MHz + 20MHz BANDWIDTH, ANT 7)

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Low Channel, 3560MHz + 3579.8MHz									
7.098202	51.07	RMS	35.7	-95.2	-47.20	-55.63	-40	-15.63	V
7.142536	52.18	RMS	35.7	-95.2	-47.15	-54.47	-40	-14.47	H
10.662138	52.45	RMS	37.7	-95.2	-46.90	-51.95	-40	-11.95	H
10.663071	52.24	RMS	37.7	-95.2	-46.90	-52.16	-40	-12.16	V
14.240541	52.24	RMS	39.1	-95.2	-45.85	-49.71	-40	-9.71	H
14.299807	53.00	RMS	39.1	-95.2	-45.90	-49.00	-40	-9.00	V
Mid Channel, 3615.1MHz + 3634.9MHz									
7.183602	51.12	RMS	35.7	-95.2	-47.40	-55.78	-40	-15.78	V
7.217202	52.10	RMS	35.7	-95.2	-47.70	-55.10	-40	-15.10	H
10.843672	50.99	RMS	37.8	-95.2	-46.33	-52.74	-40	-12.74	H
10.884738	50.7	RMS	37.8	-95.2	-46.40	-53.10	-40	-13.10	V
14.482741	51.57	RMS	39.4	-95.2	-45.67	-49.90	-40	-9.90	V
14.448207	51.96	RMS	39.3	-95.2	-45.90	-49.84	-40	-9.84	H
High Channel, 3670.2MHz + 3690MHz									
7.346469	51.64	RMS	35.6	-95.2	-47.70	-55.66	-40	-15.66	H
7.378669	52.93	RMS	35.6	-95.2	-47.80	-54.47	-40	-14.47	V
10.998138	50.93	RMS	37.8	-95.2	-46.29	-52.76	-40	-12.76	H
10.987405	51.18	RMS	37.8	-95.2	-46.40	-52.62	-40	-12.62	V
14.654474	51.43	RMS	39.5	-95.2	-45.95	-50.22	-40	-10.22	V
14.700674	51.59	RMS	39.6	-95.2	-45.90	-49.91	-40	-9.91	H

QPSK LTE ULCA BAND 48B (20MHz + 20MHz BANDWIDTH, ANT 4)

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Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dBm)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3560MHz + 3579.8MHz									
7.095869	51.37	RMS	35.7	-95.2	-47.30	-55.43	-40	-15.43	H
7.105202	52.04	RMS	35.7	-95.2	-47.18	-54.64	-40	-14.64	V
10.685938	52.67	RMS	37.7	-95.2	-46.90	-51.73	-40	-11.73	H
10.628538	51.69	RMS	37.7	-95.2	-47.00	-52.81	-40	-12.81	V
14.210207	51.81	RMS	39.1	-95.2	-46.02	-50.31	-40	-10.31	H
14.211607	51.71	RMS	39.1	-95.2	-46.04	-50.43	-40	-10.43	V
Mid Channel, 3615.1MHz + 3634.9MHz									
7.214869	52.01	RMS	35.7	-95.2	-47.70	-55.19	-40	-15.19	V
7.249869	51.85	RMS	35.7	-95.2	-47.89	-55.54	-40	-15.54	H
10.840872	50.53	RMS	37.8	-95.2	-46.30	-53.17	-40	-13.17	H
10.791405	51.45	RMS	37.7	-95.2	-46.50	-52.55	-40	-12.55	V
14.445874	52.19	RMS	39.3	-95.2	-45.91	-49.62	-40	-9.62	H
14.462674	52.06	RMS	39.3	-95.2	-45.80	-49.64	-40	-9.64	V
High Channel, 3670.2MHz + 3690MHz									
7.341336	52.15	RMS	35.6	-95.2	-47.73	-55.18	-40	-15.18	H
7.344602	52.31	RMS	35.6	-95.2	-47.80	-55.09	-40	-15.09	V
11.034072	50.28	RMS	37.8	-95.2	-46.10	-53.22	-40	-13.22	H
11.088205	50.03	RMS	37.9	-95.2	-45.78	-53.05	-40	-13.05	V
14.644674	52.23	RMS	39.5	-95.2	-45.90	-49.37	-40	-9.37	V
14.680141	51.75	RMS	39.5	-95.2	-45.90	-49.85	-40	-9.85	H

11. SETUP PHOTOS

Refer to 15496277-EP1 for setup photos.

END OF REPORT