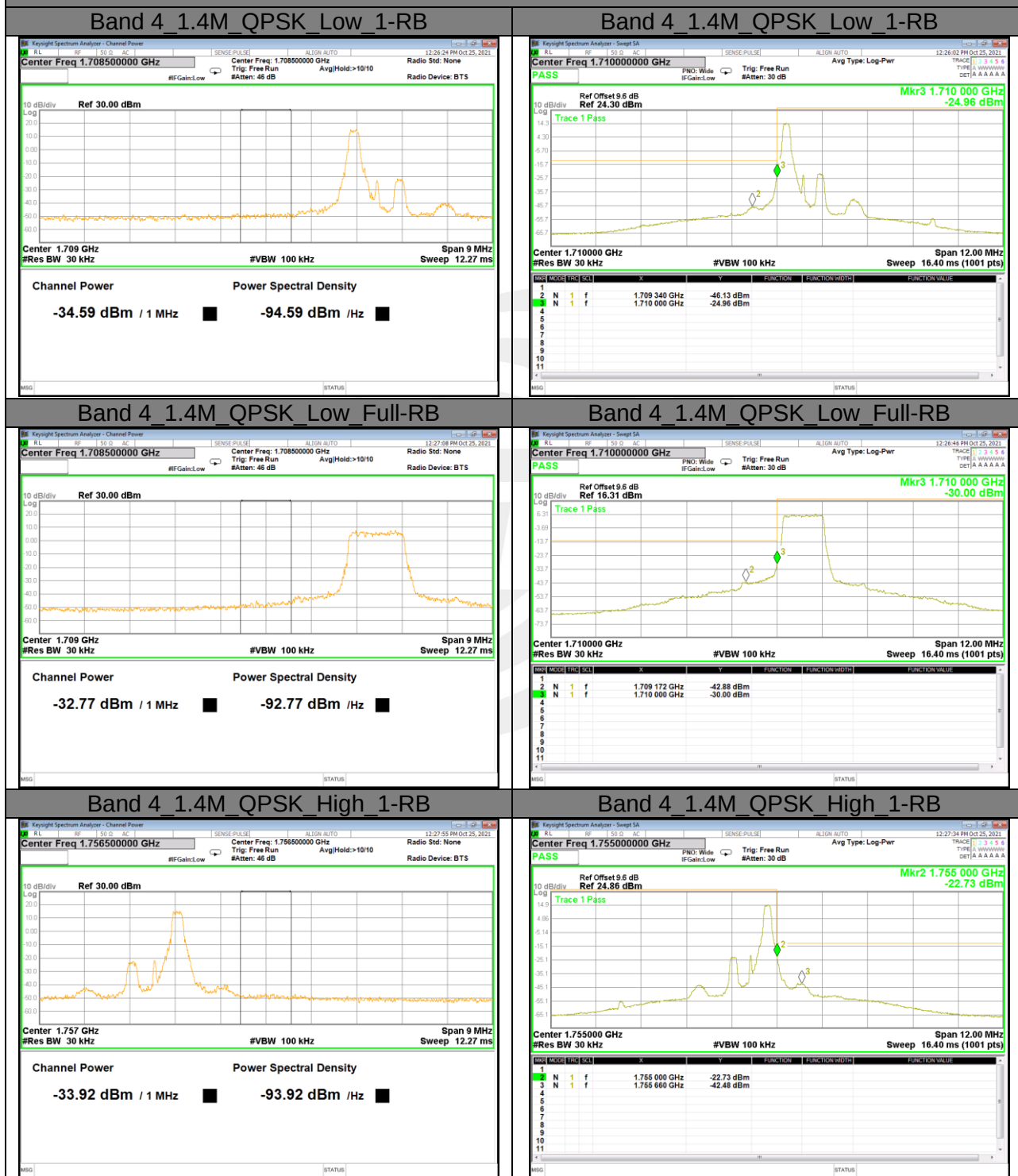




E7. BAND EDGE

LTE BAND-4

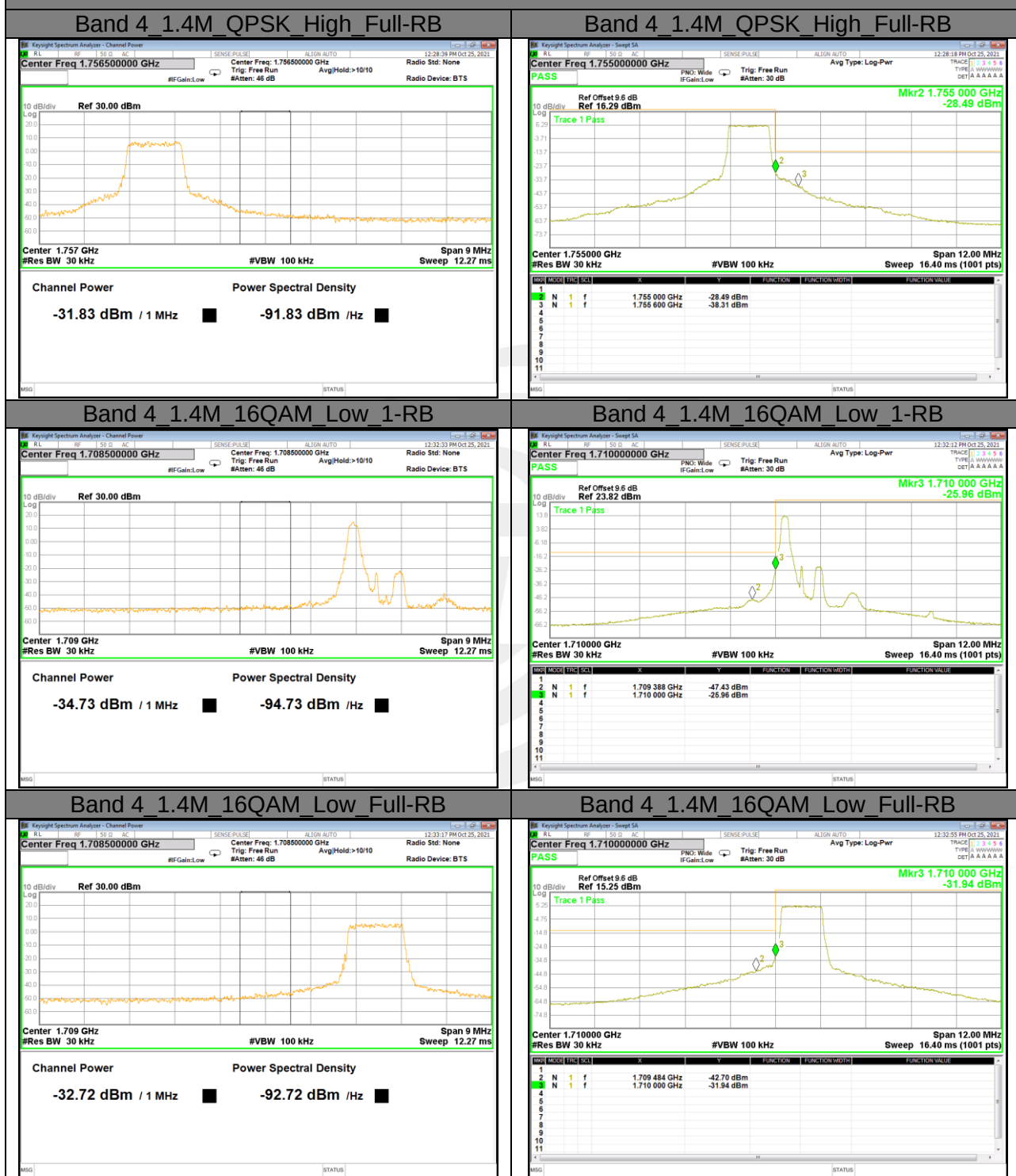
LTE BAND-4





LTE BAND-4

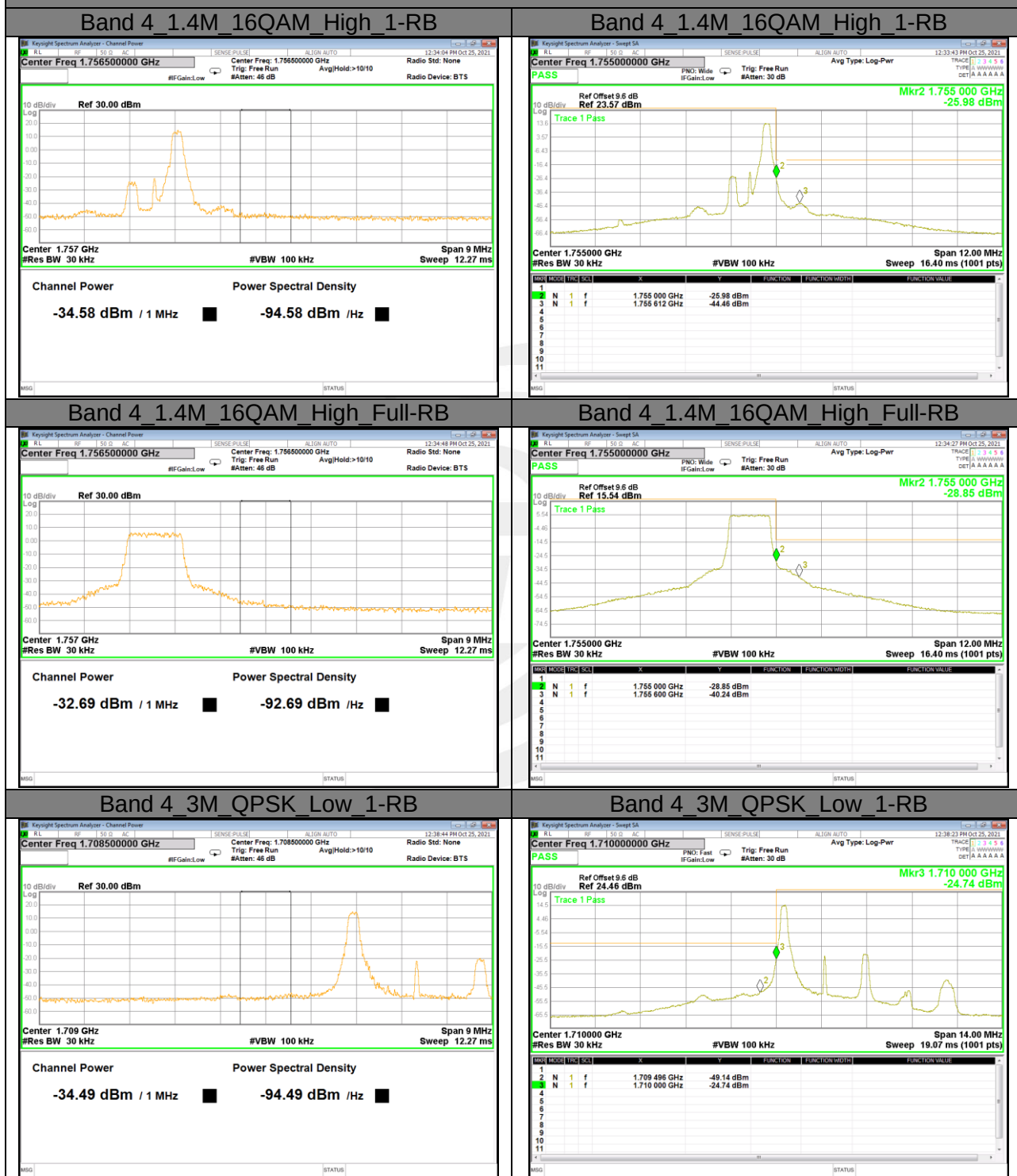
LTE BAND-4





LTE BAND-4

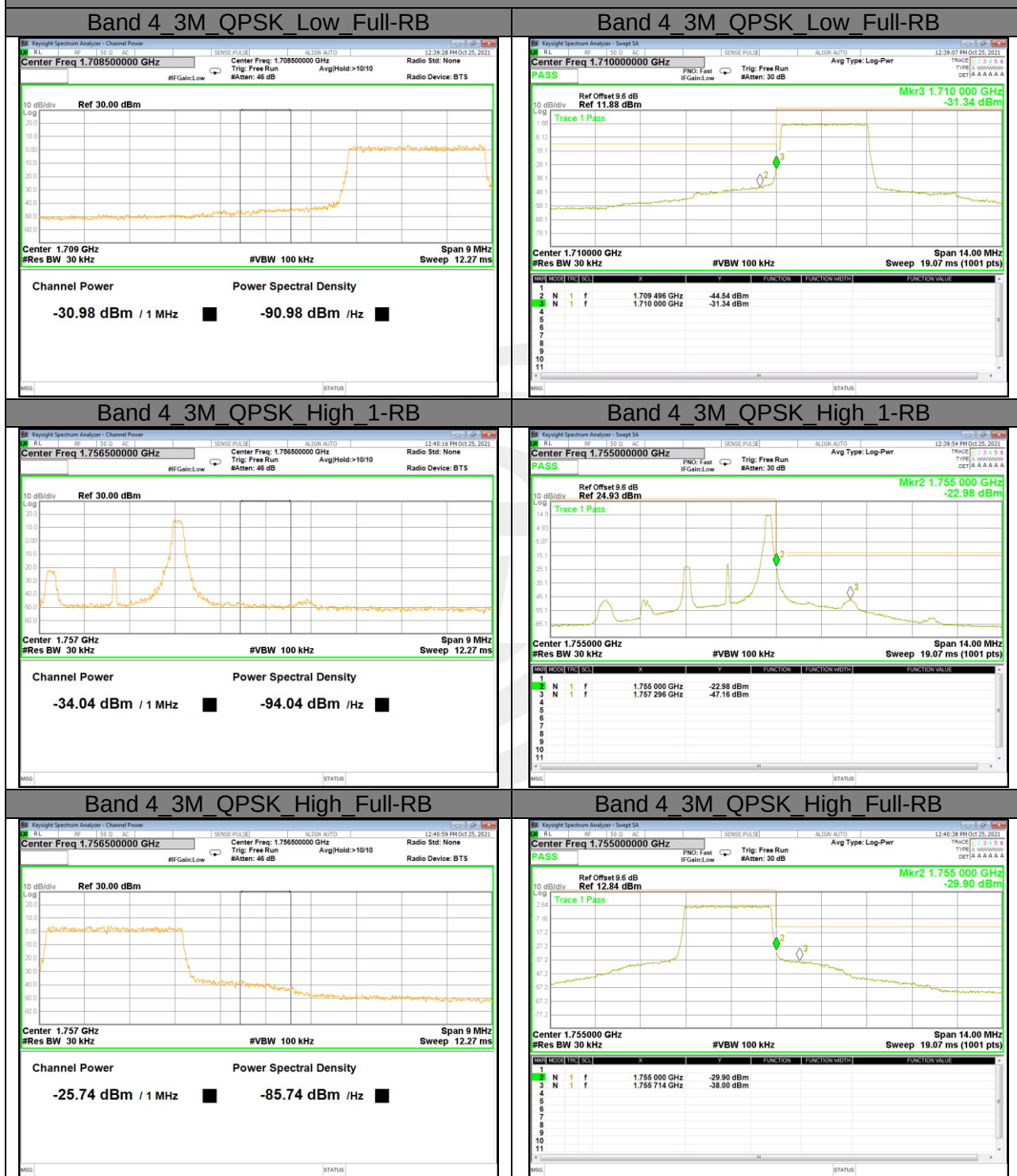
LTE BAND-4





LTE BAND-4

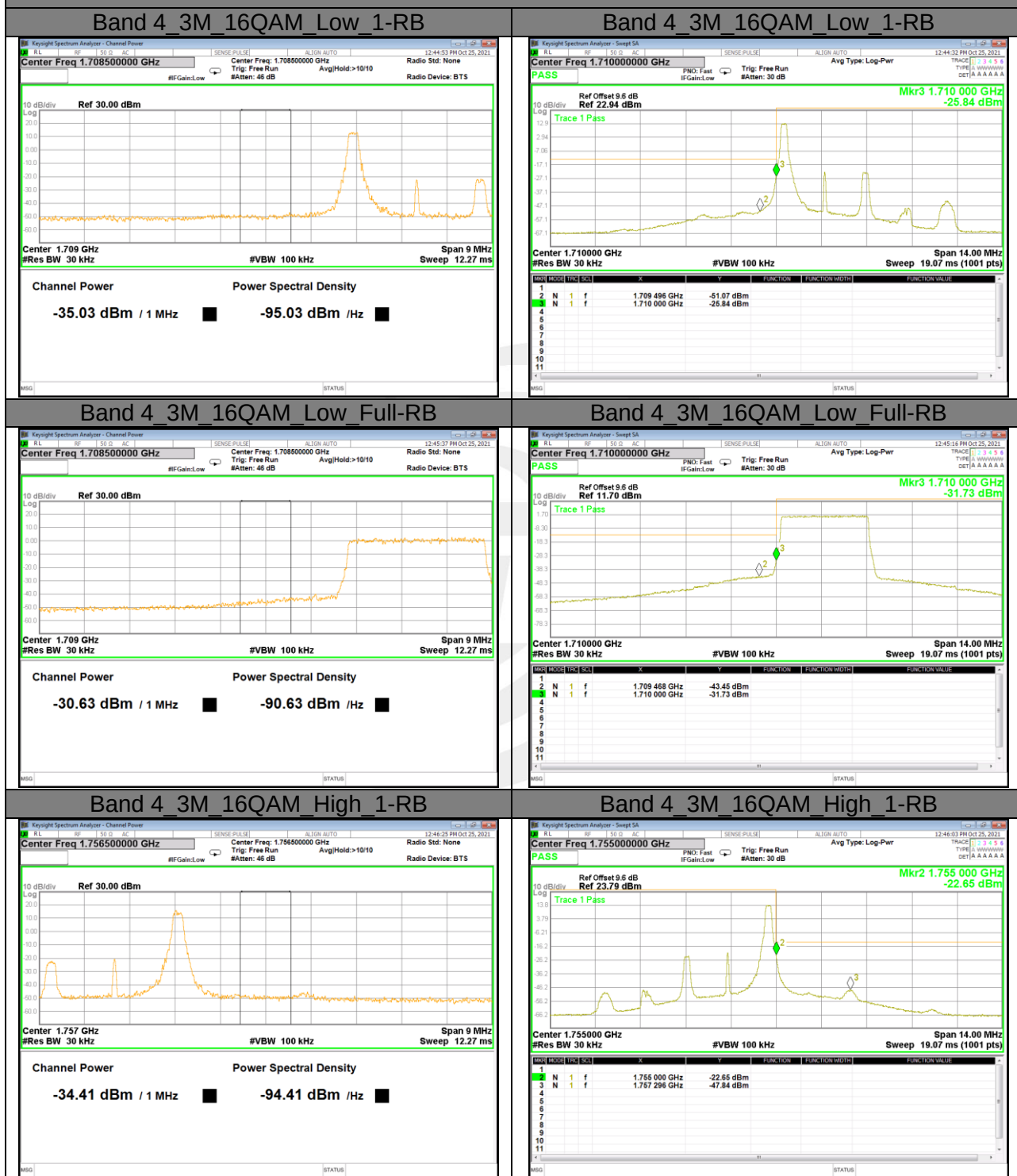
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LTE BAND-4

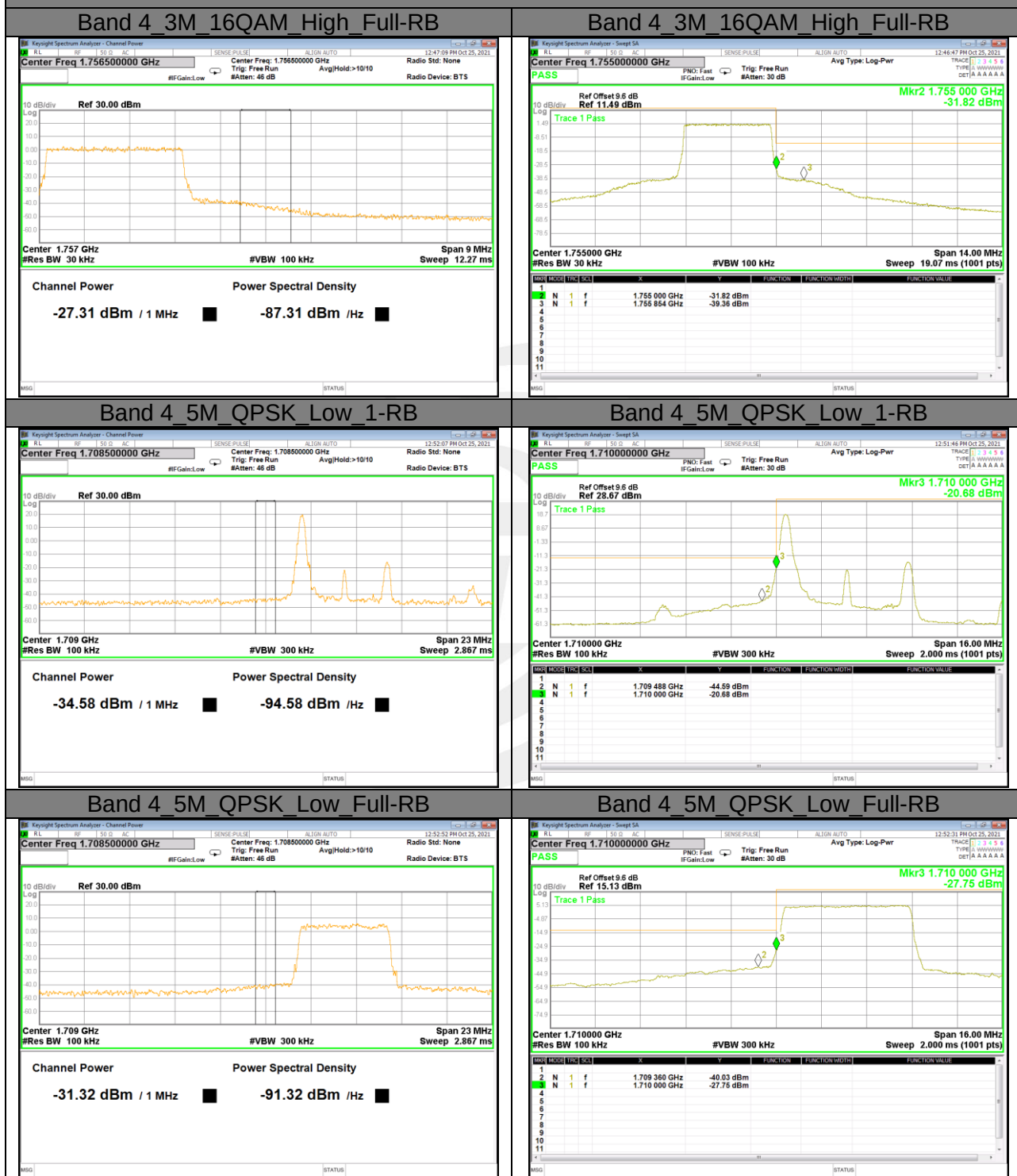
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LTE BAND-4

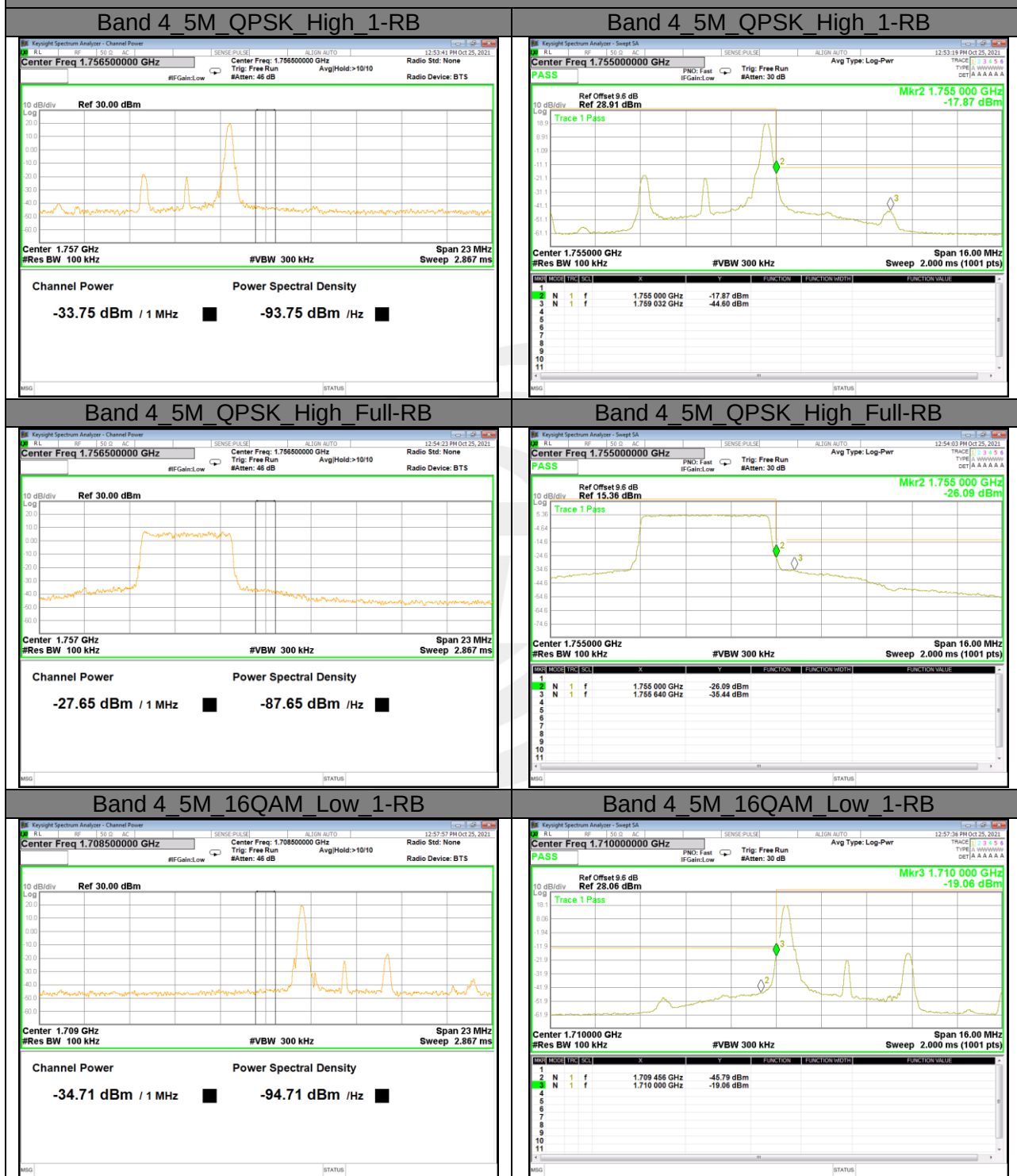
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LTE BAND-4

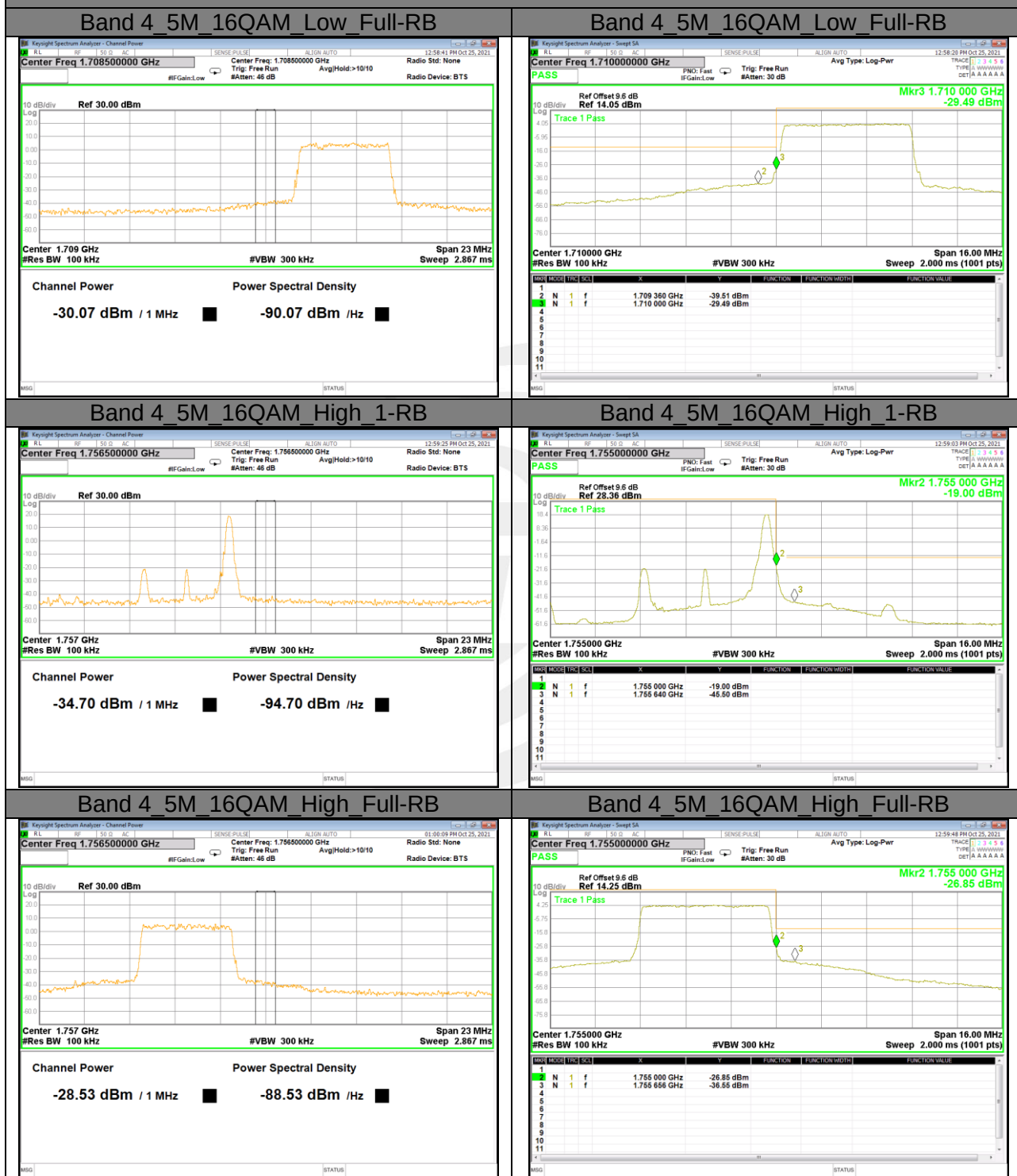
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LTE BAND-4

LTE BAND-4





LTE BAND-4

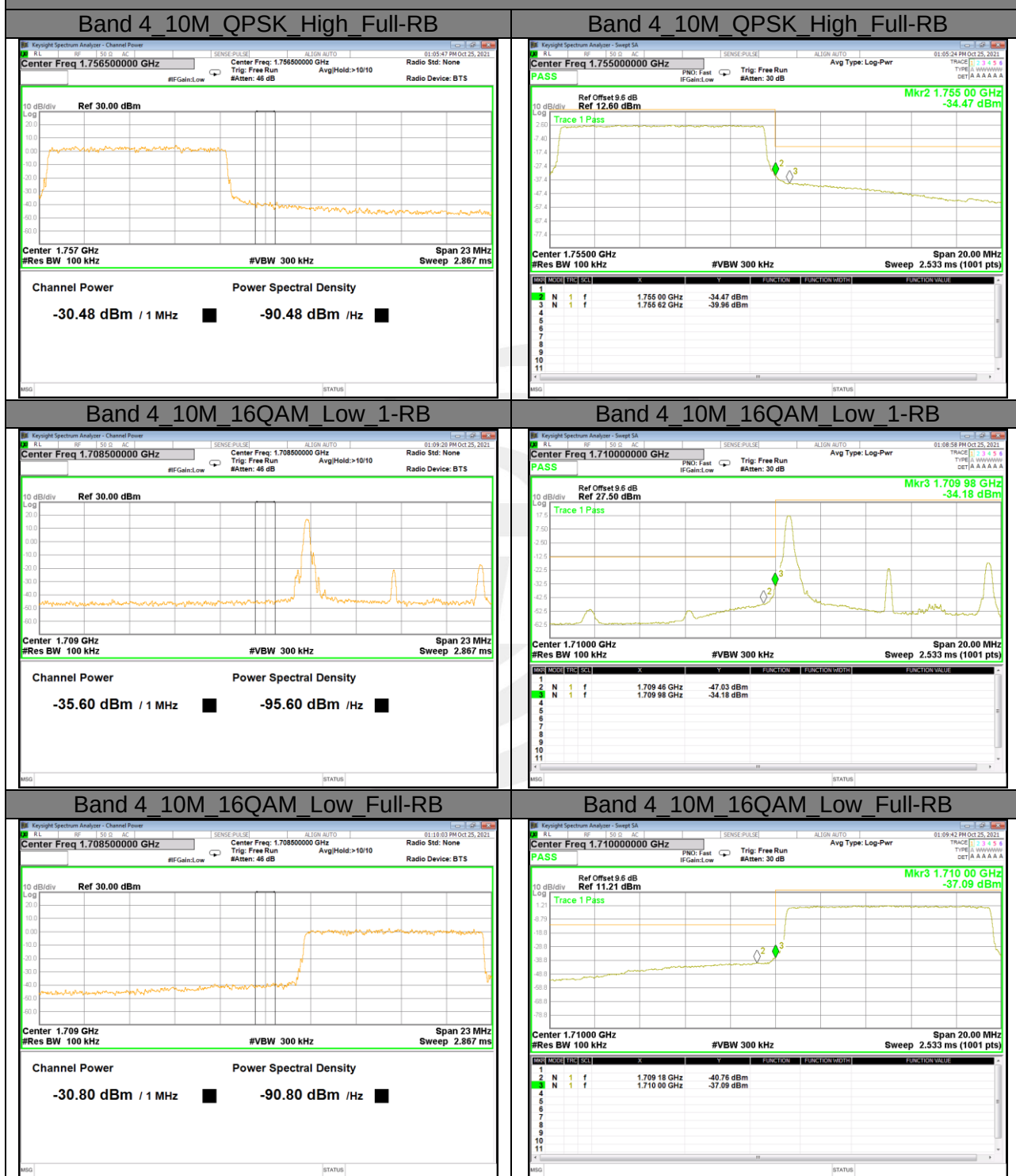
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LTE BAND-4

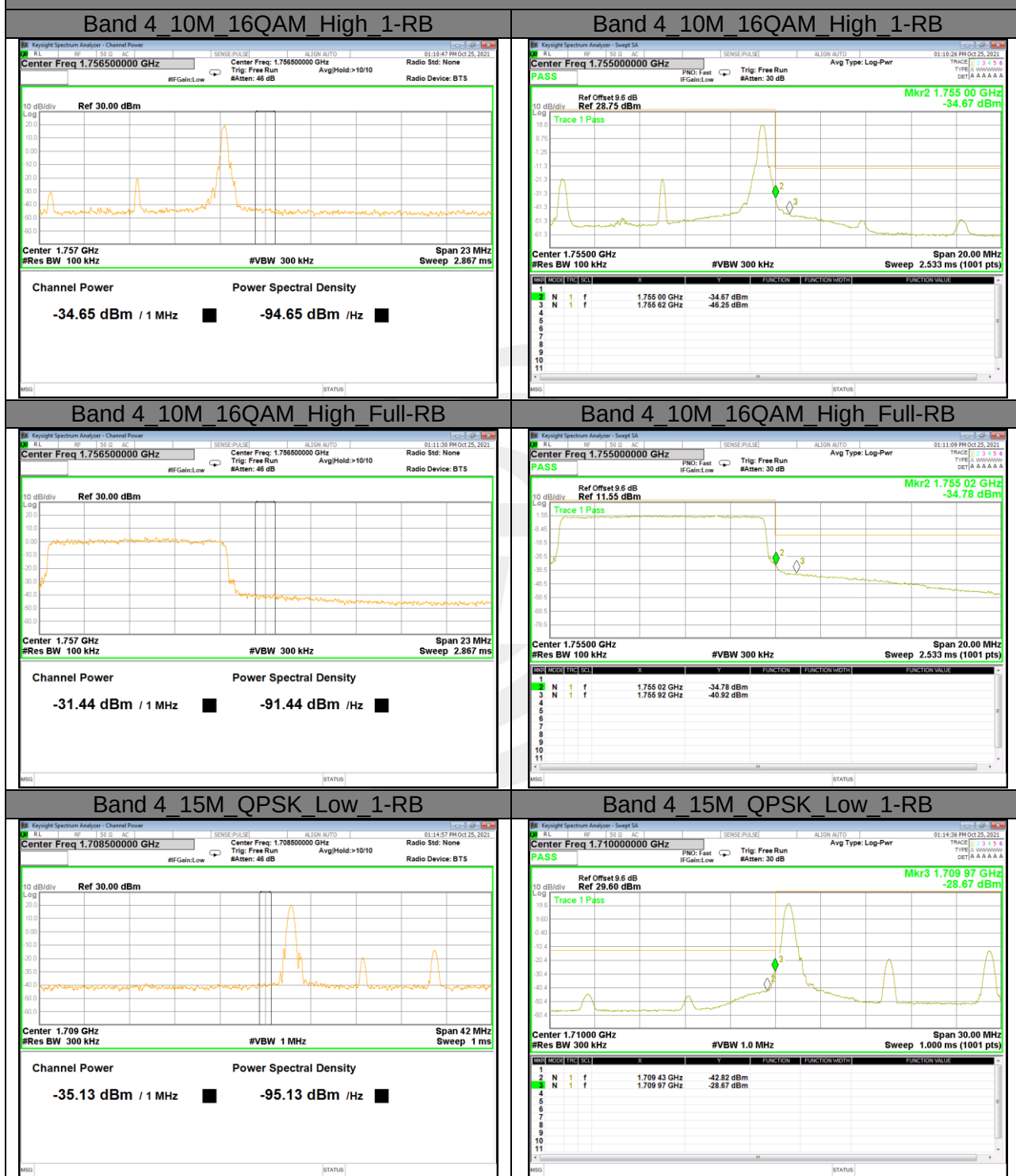
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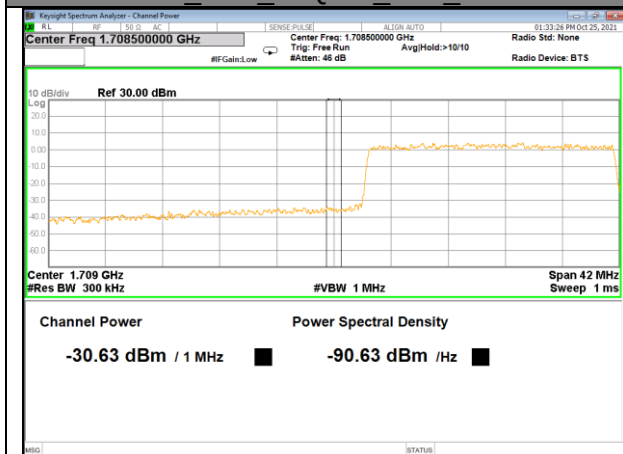




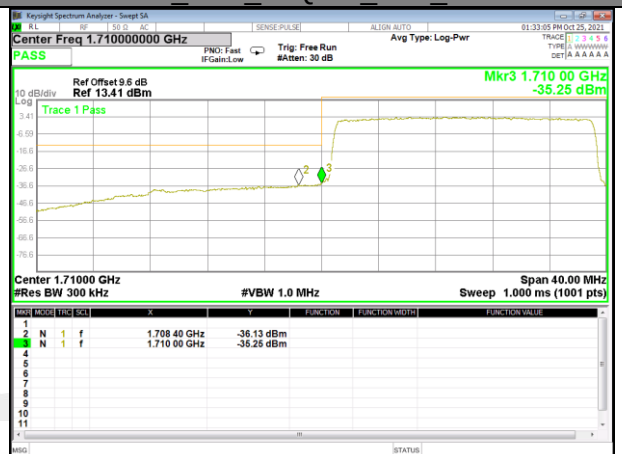
LTE BAND-4

LTE BAND-4

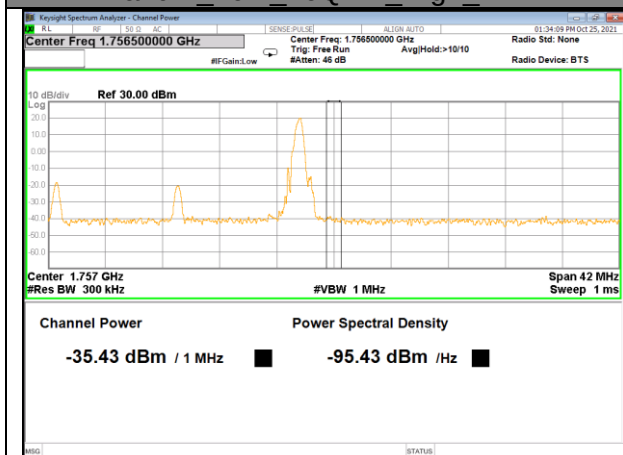
Band 4_20M_16QAM_Low_Full-RB



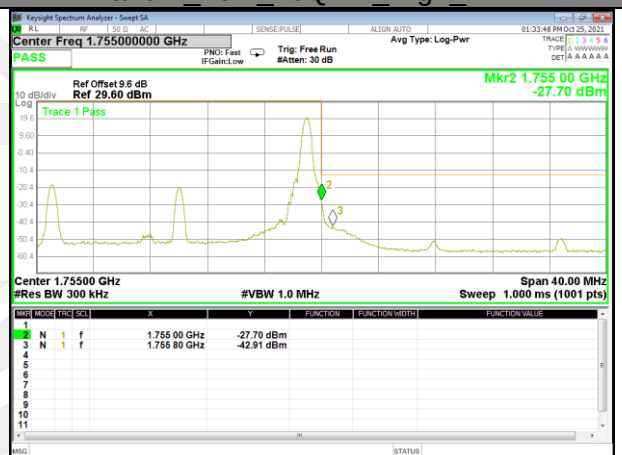
Band 4_20M_16QAM_Low_Full-RB



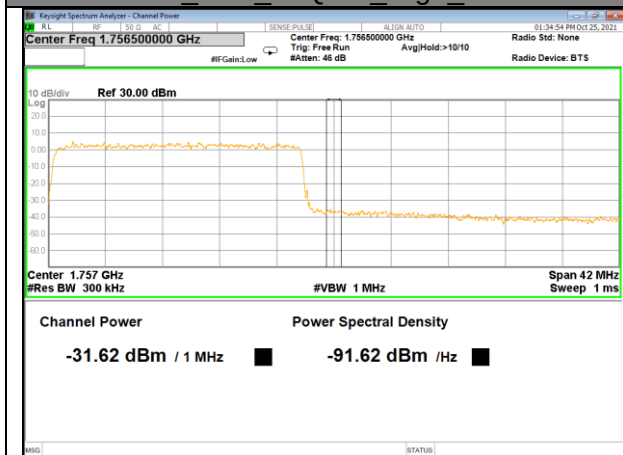
Band 4_20M_16QAM_High_1-RB



Band 4_20M_16QAM_High_1-RB



Band 4_20M_16QAM_High_Full-RB



Band 4_20M_16QAM_High_Full-RB



**E8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT**

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3420.92	-33.52	12.90	12.56	-33.18	-13.00	-20.18	H
5132.14	-35.42	13.10	16.32	-38.64	-13.00	-25.64	H
6842.45	-32.80	12.33	21.13	-41.60	-13.00	-28.60	H
3420.92	-35.19	12.90	12.56	-34.85	-13.00	-21.85	V
5132.14	-34.98	13.10	16.32	-38.20	-13.00	-25.20	V
6842.45	-33.21	12.33	21.13	-42.01	-13.00	-29.01	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.88	-34.72	12.90	12.56	-34.38	-13.00	-21.38	H
5196.98	-34.03	13.10	16.32	-37.25	-13.00	-24.25	H
6929.97	-32.77	12.33	21.13	-41.57	-13.00	-28.57	H
3464.88	-35.87	12.90	12.56	-35.53	-13.00	-22.53	V
5196.98	-35.24	13.10	16.32	-38.46	-13.00	-25.46	V
6929.97	-33.08	12.33	21.13	-41.88	-13.00	-28.88	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3508.23	-34.63	12.90	12.56	-34.29	-13.00	-21.29	H
5262.59	-34.44	13.10	16.32	-37.66	-13.00	-24.66	H
7015.36	-32.79	12.33	21.13	-41.59	-13.00	-28.59	H
3508.23	-35.94	12.90	12.56	-35.60	-13.00	-22.60	V
5262.59	-34.86	13.10	16.32	-38.08	-13.00	-25.08	V
7015.36	-33.13	12.33	21.13	-41.93	-13.00	-28.93	V



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3423.80	-33.65	12.90	12.56	-33.31	-13.00	-20.31	H
5135.83	-34.99	13.10	16.32	-38.21	-13.00	-25.21	H
6848.38	-32.65	12.33	21.13	-41.45	-13.00	-28.45	H
3423.80	-35.95	12.90	12.56	-35.61	-13.00	-22.61	V
5135.83	-35.22	13.10	16.32	-38.44	-13.00	-25.44	V
6848.38	-33.18	12.33	21.13	-41.98	-13.00	-28.98	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3464.83	-34.87	12.90	12.56	-34.53	-13.00	-21.53	H
5196.55	-34.84	13.10	16.32	-38.06	-13.00	-25.06	H
6930.09	-33.27	12.33	21.13	-42.07	-13.00	-29.07	H
3464.83	-35.95	12.90	12.56	-35.61	-13.00	-22.61	V
5196.55	-34.85	13.10	16.32	-38.07	-13.00	-25.07	V
6930.09	-32.85	12.33	21.13	-41.65	-13.00	-28.65	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3506.24	-33.85	12.90	12.56	-33.51	-13.00	-20.51	H
5261.70	-35.29	13.10	16.32	-38.51	-13.00	-25.51	H
7012.36	-33.46	12.33	21.13	-42.26	-13.00	-29.26	H
3506.24	-35.56	12.90	12.56	-35.22	-13.00	-22.22	V
5261.70	-34.33	13.10	16.32	-37.55	-13.00	-24.55	V
7012.36	-33.13	12.33	21.13	-41.93	-13.00	-28.93	V



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3424.61	-33.76	12.90	12.56	-33.42	-13.00	-20.42	H
5136.87	-34.35	13.10	16.32	-37.57	-13.00	-24.57	H
6849.94	-33.28	12.33	21.13	-42.08	-13.00	-29.08	H
3424.61	-34.59	12.90	12.56	-34.25	-13.00	-21.25	V
5136.87	-34.86	13.10	16.32	-38.08	-13.00	-25.08	V
6849.94	-32.59	12.33	21.13	-41.39	-13.00	-28.39	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3464.60	-34.30	12.90	12.56	-33.96	-13.00	-20.96	H
5196.90	-35.37	13.10	16.32	-38.59	-13.00	-25.59	H
6929.64	-32.97	12.33	21.13	-41.77	-13.00	-28.77	H
3464.60	-35.07	12.90	12.56	-34.73	-13.00	-21.73	V
5196.90	-34.12	13.10	16.32	-37.34	-13.00	-24.34	V
6929.64	-31.75	12.33	21.13	-40.55	-13.00	-27.55	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3504.96	-33.76	12.90	12.56	-33.42	-13.00	-20.42	H
5257.05	-34.58	13.10	16.32	-37.80	-13.00	-24.80	H
7010.12	-32.55	12.33	21.13	-41.35	-13.00	-28.35	H
3504.96	-35.17	12.90	12.56	-34.83	-13.00	-21.83	V
5257.05	-34.24	13.10	16.32	-37.46	-13.00	-24.46	V
7010.12	-33.06	12.33	21.13	-41.86	-13.00	-28.86	V



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3429.89	-34.15	12.90	12.56	-33.81	-13.00	-20.81	H
5145.21	-35.22	13.10	16.32	-38.44	-13.00	-25.44	H
6860.38	-32.80	12.33	21.13	-41.60	-13.00	-28.60	H
3429.89	-35.20	12.90	12.56	-34.86	-13.00	-21.86	V
5145.21	-33.77	13.10	16.32	-36.99	-13.00	-23.99	V
6860.38	-32.65	12.33	21.13	-41.45	-13.00	-28.45	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.53	-34.81	12.90	12.56	-34.47	-13.00	-21.47	H
5196.52	-34.16	13.10	16.32	-37.38	-13.00	-24.38	H
6929.82	-33.12	12.33	21.13	-41.92	-13.00	-28.92	H
3464.53	-35.05	12.90	12.56	-34.71	-13.00	-21.71	V
5196.52	-35.11	13.10	16.32	-38.33	-13.00	-25.33	V
6929.82	-31.93	12.33	21.13	-40.73	-13.00	-27.73	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3500.46	-34.87	12.90	12.56	-34.53	-13.00	-21.53	H
5250.17	-34.38	13.10	16.32	-37.60	-13.00	-24.60	H
7000.11	-32.36	12.33	21.13	-41.16	-13.00	-28.16	H
3500.46	-35.52	12.90	12.56	-35.18	-13.00	-22.18	V
5250.17	-34.66	13.10	16.32	-37.88	-13.00	-24.88	V
7000.11	-33.09	12.33	21.13	-41.89	-13.00	-28.89	V



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3434.76	-34.76	12.90	12.56	-34.42	-13.00	-21.42	H
5152.62	-34.49	13.10	16.32	-37.71	-13.00	-24.71	H
6870.73	-32.57	12.33	21.13	-41.37	-13.00	-28.37	H
3434.76	-35.37	12.90	12.56	-35.03	-13.00	-22.03	V
5152.62	-34.83	13.10	16.32	-38.05	-13.00	-25.05	V
6870.73	-32.44	12.33	21.13	-41.24	-13.00	-28.24	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3434.76	-34.76	12.90	12.56	-34.42	-13.00	-21.42	H
5152.62	-34.49	13.10	16.32	-37.71	-13.00	-24.71	H
6870.73	-32.57	12.33	21.13	-41.37	-13.00	-28.37	H
3434.76	-35.37	12.90	12.56	-35.03	-13.00	-22.03	V
5152.62	-34.83	13.10	16.32	-38.05	-13.00	-25.05	V
6870.73	-32.44	12.33	21.13	-41.24	-13.00	-28.24	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3495.57	-34.31	12.90	12.56	-33.97	-13.00	-20.97	H
5241.99	-35.21	13.10	16.32	-38.43	-13.00	-25.43	H
6990.04	-33.52	12.33	21.13	-42.32	-13.00	-29.32	H
3495.57	-35.71	12.90	12.56	-35.37	-13.00	-22.37	V
5241.99	-35.06	13.10	16.32	-38.28	-13.00	-25.28	V
6990.04	-31.95	12.33	21.13	-40.75	-13.00	-27.75	V



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3440.00	-34.00	12.90	12.56	-33.66	-13.00	-20.66	H
5159.99	-35.09	13.10	16.32	-38.31	-13.00	-25.31	H
6880.62	-33.42	12.33	21.13	-42.22	-13.00	-29.22	H
3440.00	-35.51	12.90	12.56	-35.17	-13.00	-22.17	V
5159.99	-34.37	13.10	16.32	-37.59	-13.00	-24.59	V
6880.62	-33.01	12.33	21.13	-41.81	-13.00	-28.81	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.61	-34.60	12.90	12.56	-34.26	-13.00	-21.26	H
5196.60	-34.71	13.10	16.32	-37.93	-13.00	-24.93	H
6929.62	-33.23	12.33	21.13	-42.03	-13.00	-29.03	H
3464.61	-34.58	12.90	12.56	-34.24	-13.00	-21.24	V
5196.60	-34.74	13.10	16.32	-37.96	-13.00	-24.96	V
6929.62	-32.40	12.33	21.13	-41.20	-13.00	-28.20	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.46	-33.62	12.90	12.56	-33.28	-13.00	-20.28	H
5234.93	-34.58	13.10	16.32	-37.80	-13.00	-24.80	H
6979.56	-32.27	12.33	21.13	-41.07	-13.00	-28.07	H
3490.46	-35.14	12.90	12.56	-34.80	-13.00	-21.80	V
5234.93	-35.24	13.10	16.32	-38.46	-13.00	-25.46	V
6979.56	-31.93	12.33	21.13	-40.73	-13.00	-27.73	V