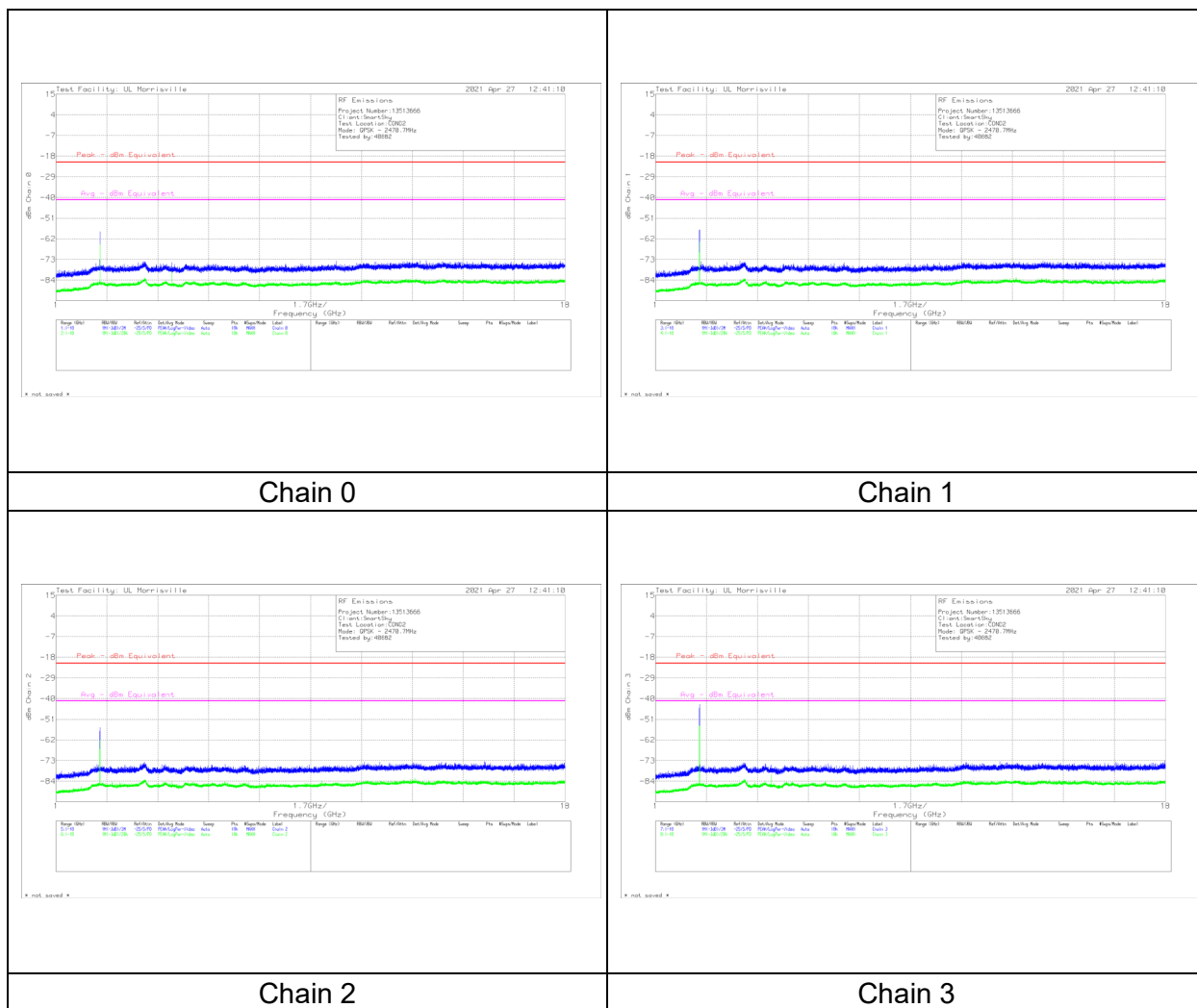
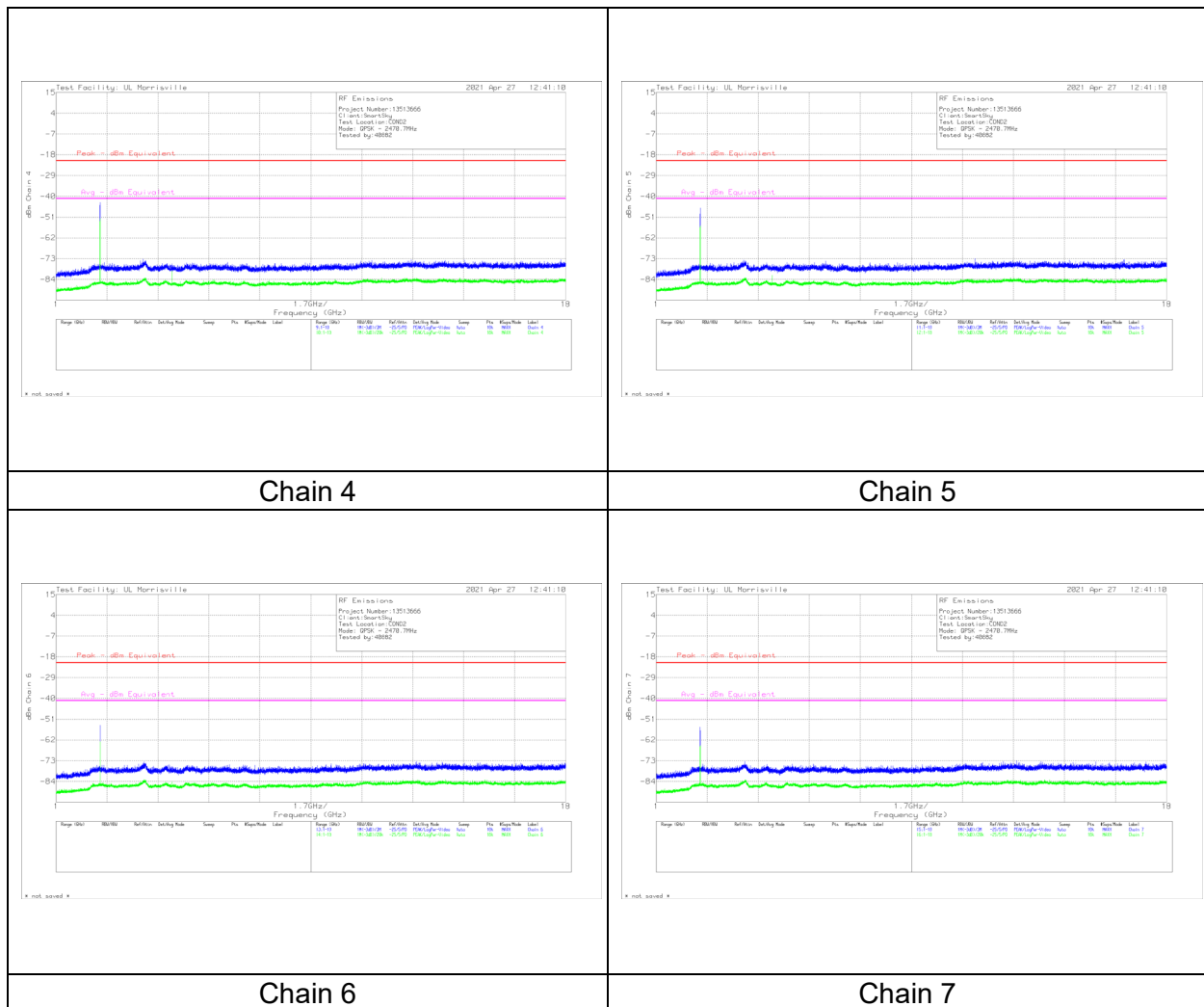


11.3.5. HIGH CHANNEL SPURIOUS: 1-18 GHz



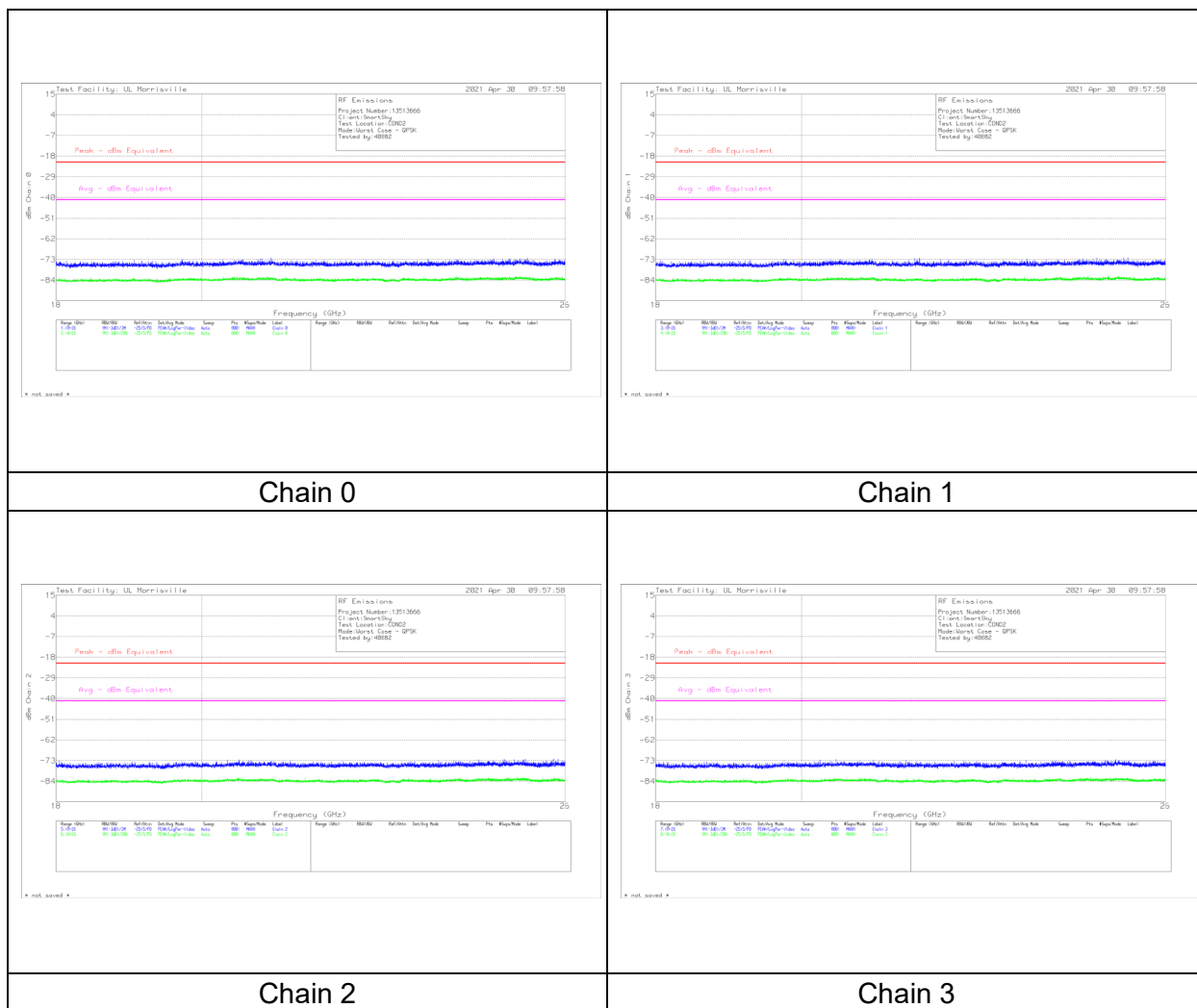


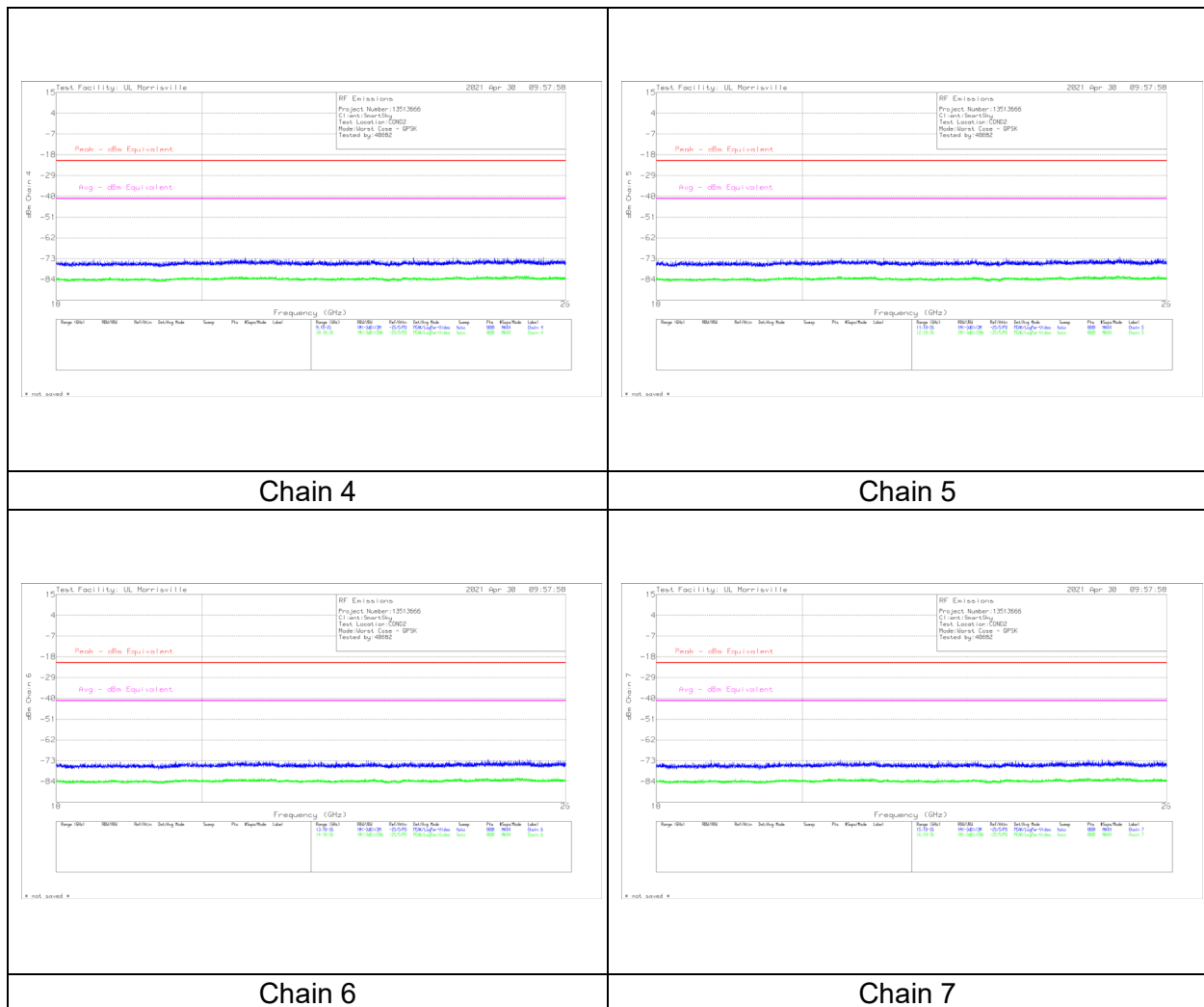
Spurious High Channel Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
17.970714	-76.4	-75.84	-74.16	-73.17	-75.24	-75.93	-75.42	-76.05	-39.32	55.94	74	-18.06
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.865609	-79.19	-86.04	-84.18	-80.46	-79.49	-82.9	-84.29	-85.49	-46.2	49.1	54	-4.93

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2. Fundamental emission not identified in tabular data.

11.3.6. WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz



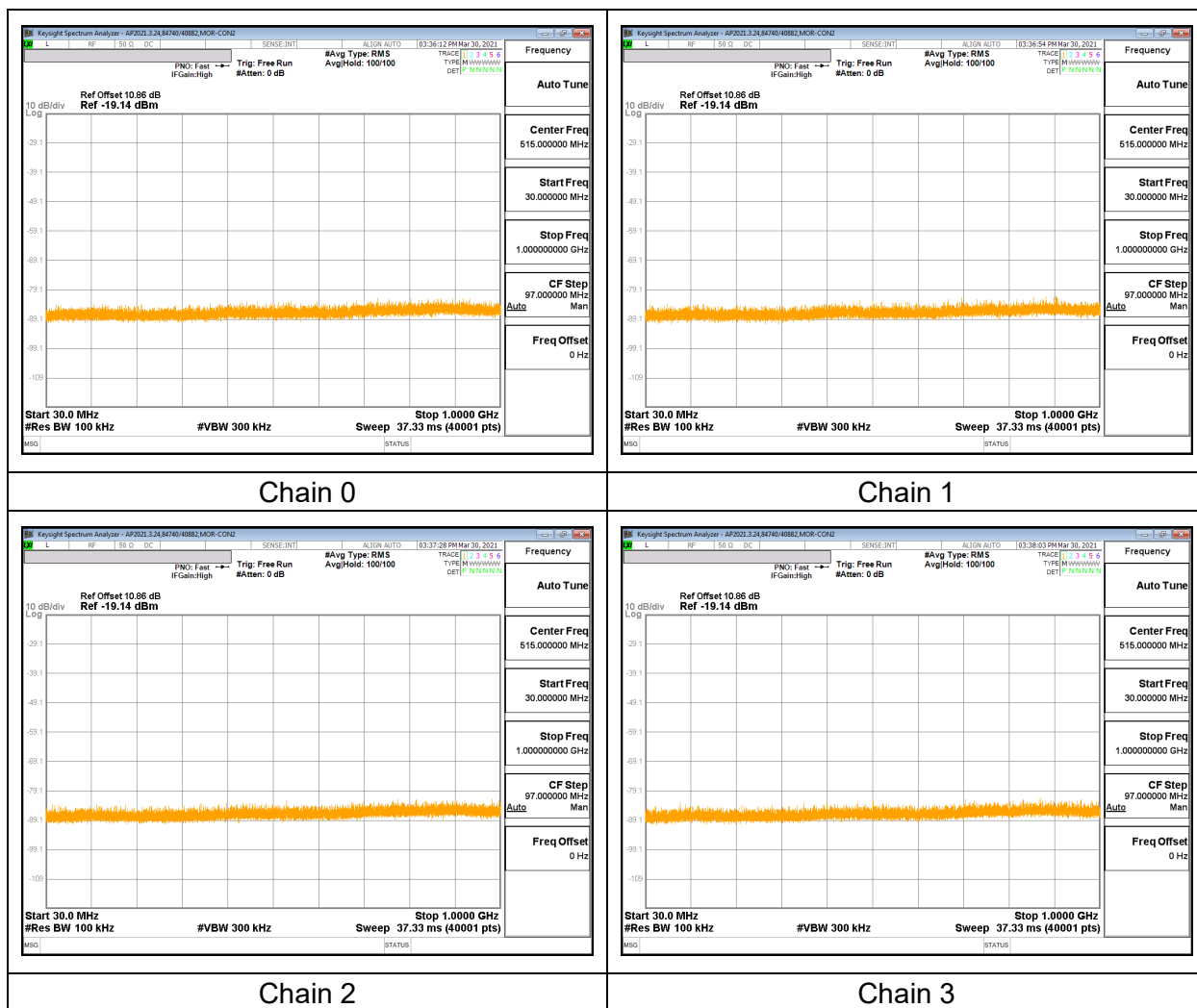


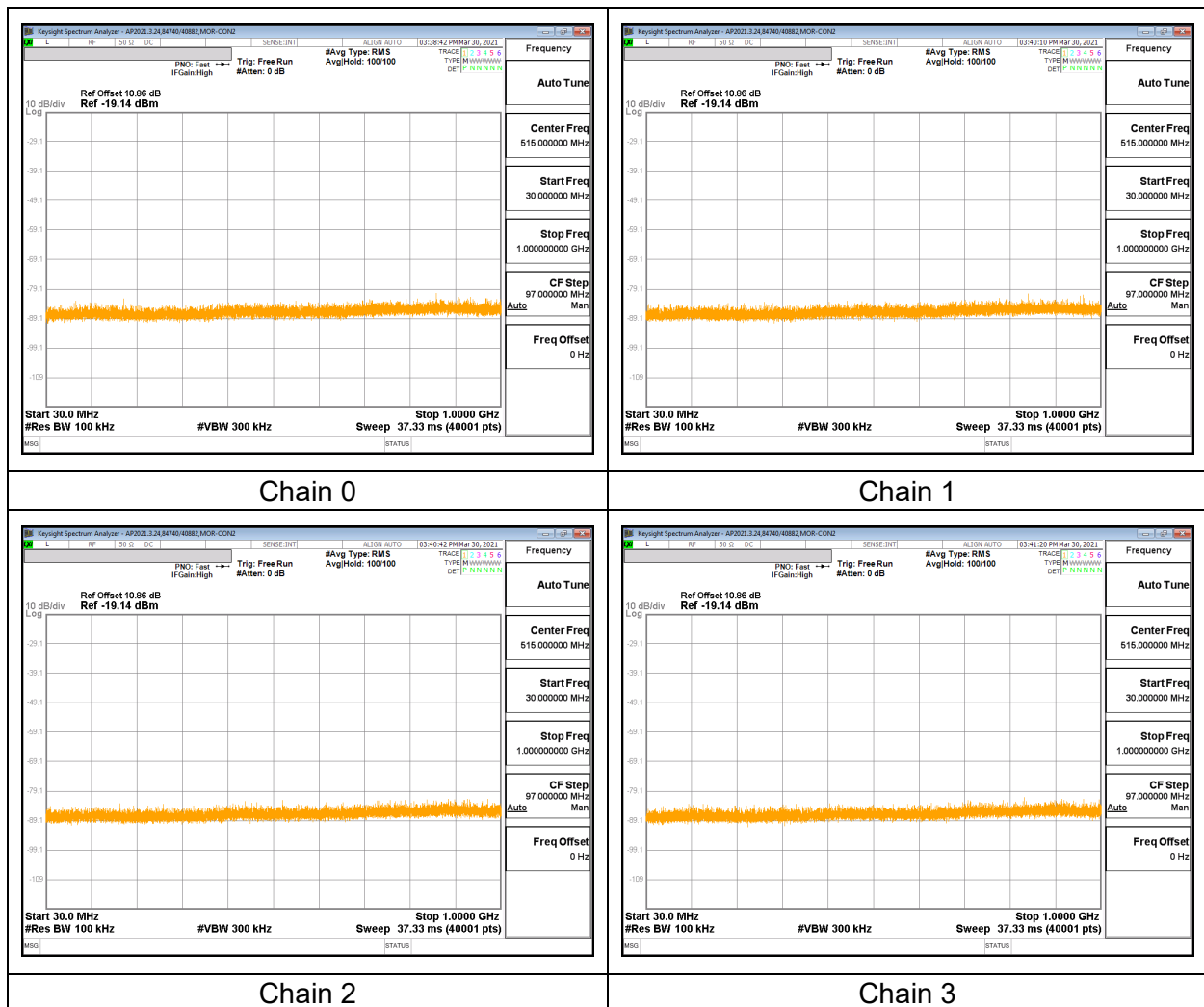
Spurious High Channel Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
25.341	-74.07	-74.18	-74.72	-75.03	-74.52	-74.22	-72.59	-73.24	-38.17	57.08	74	-16.92
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
25.211	-82.96	-83.06	-82.36	-82.6	-83.02	-82.91	-82.66	-82.35	-46.90	48.36	54	-5.64

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.3.7. WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz





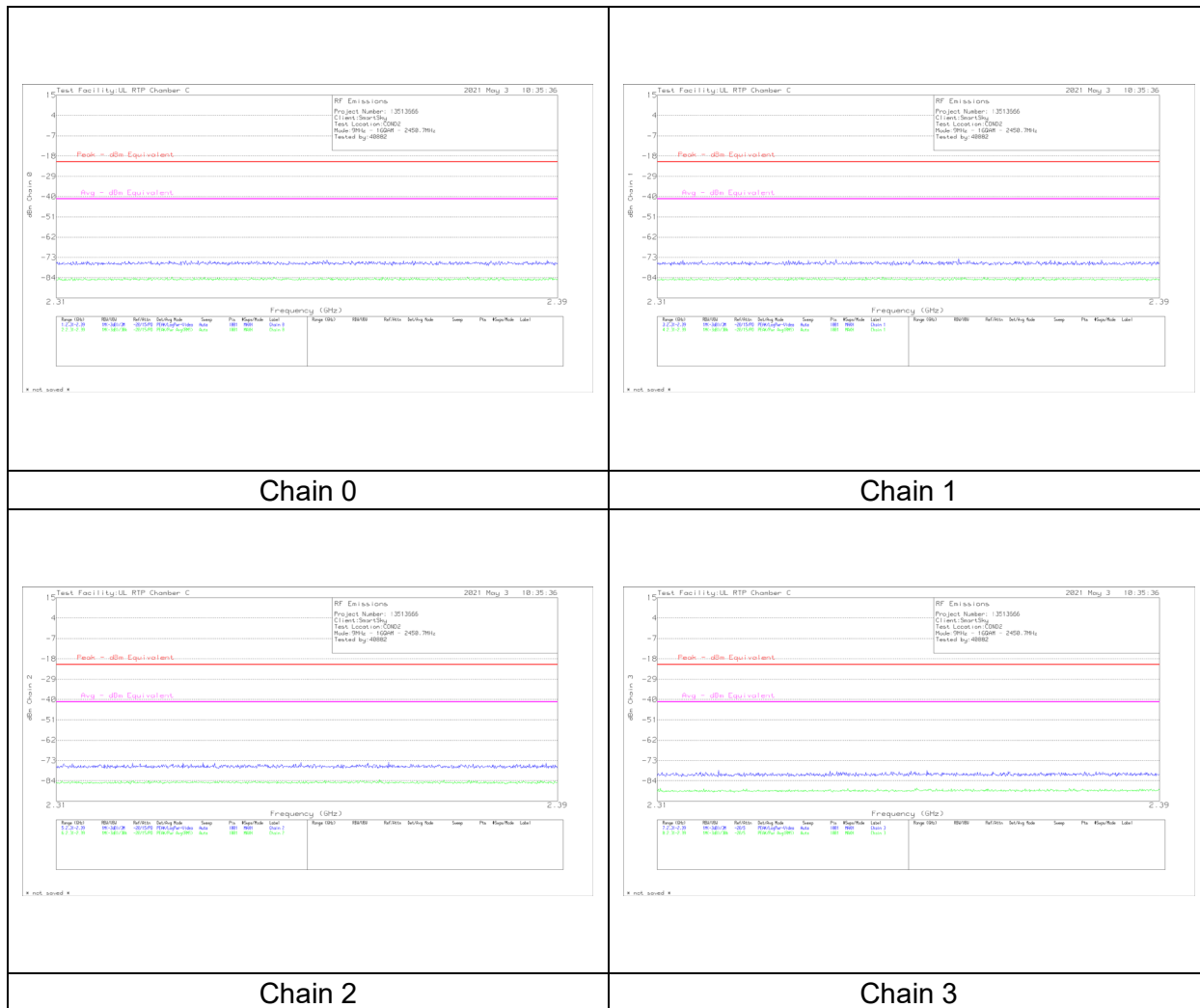
Spurious Tabular Summed Data, Worse-case Frequency:

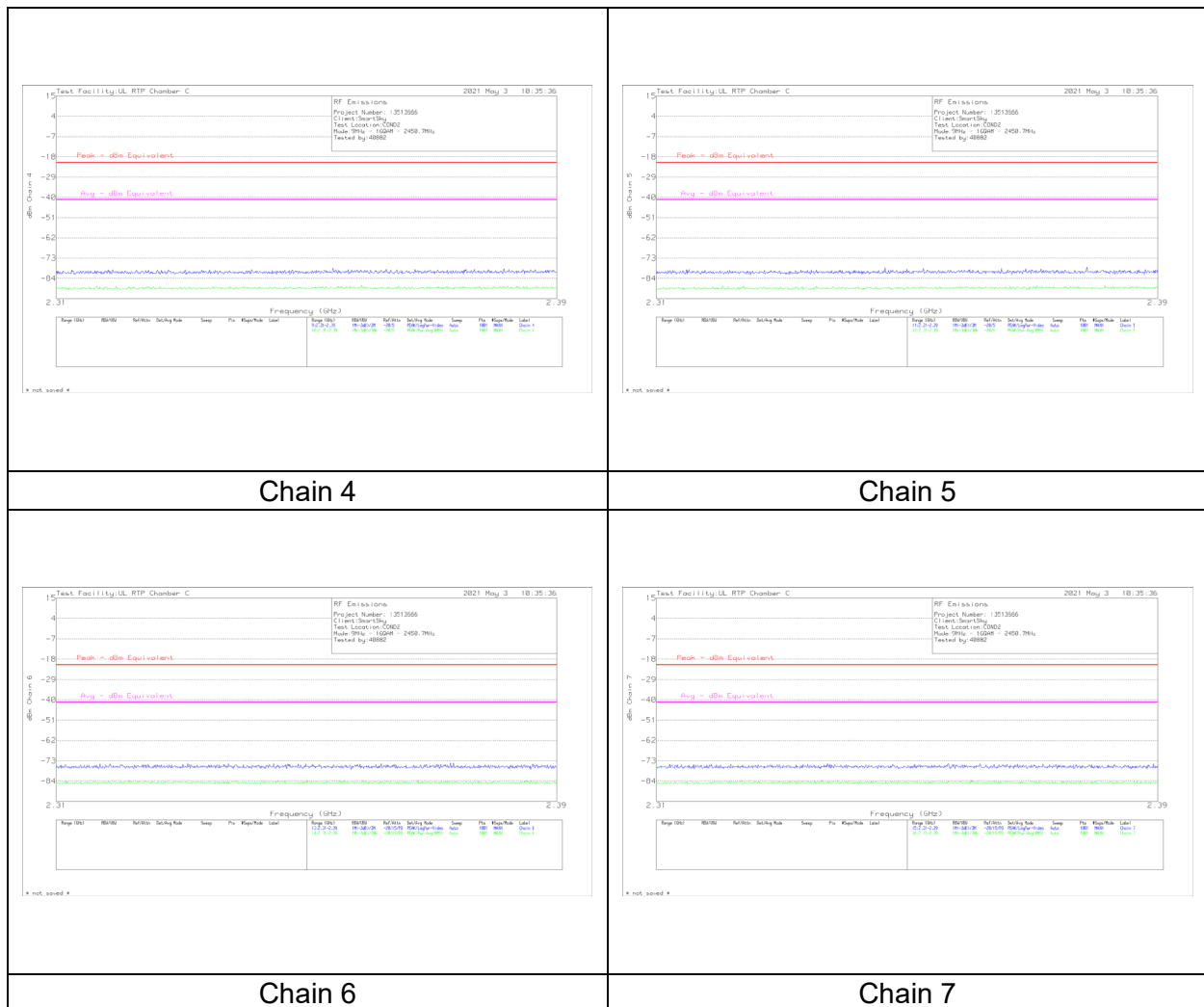
Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	4.7	26.8	3	
Frequency (MHz)	QP Value Chain 0 (dBm)	QP Value Chain 1 (dBm)	QP Value Chain 2 (dBm)	QP Value Chain 3 (dBm)	QP Value Chain 4 (dBm)	QP Value Chain 5 (dBm)	QP Value Chain 6 (dBm)	QP Value Chain 7 (dBm)	QK EIRP (dBm)	QP E-field (dBuV/m)	QP E-field Limit (dBuV/m)	QP E-field Margin (dB)
464.9	-96.42	-96.37	-96.44	-96.40	-96.37	-96.31	-96.35	-96.48	-55.86	39.4	46	-6.60

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.4. 3RB, 9MHz BW, 16QAM MODE, TX ABOVE 1 GHz IN THE 2.4 GHz BAND

11.4.1. LOW CHANNEL RESTRICTED BAND EDGE



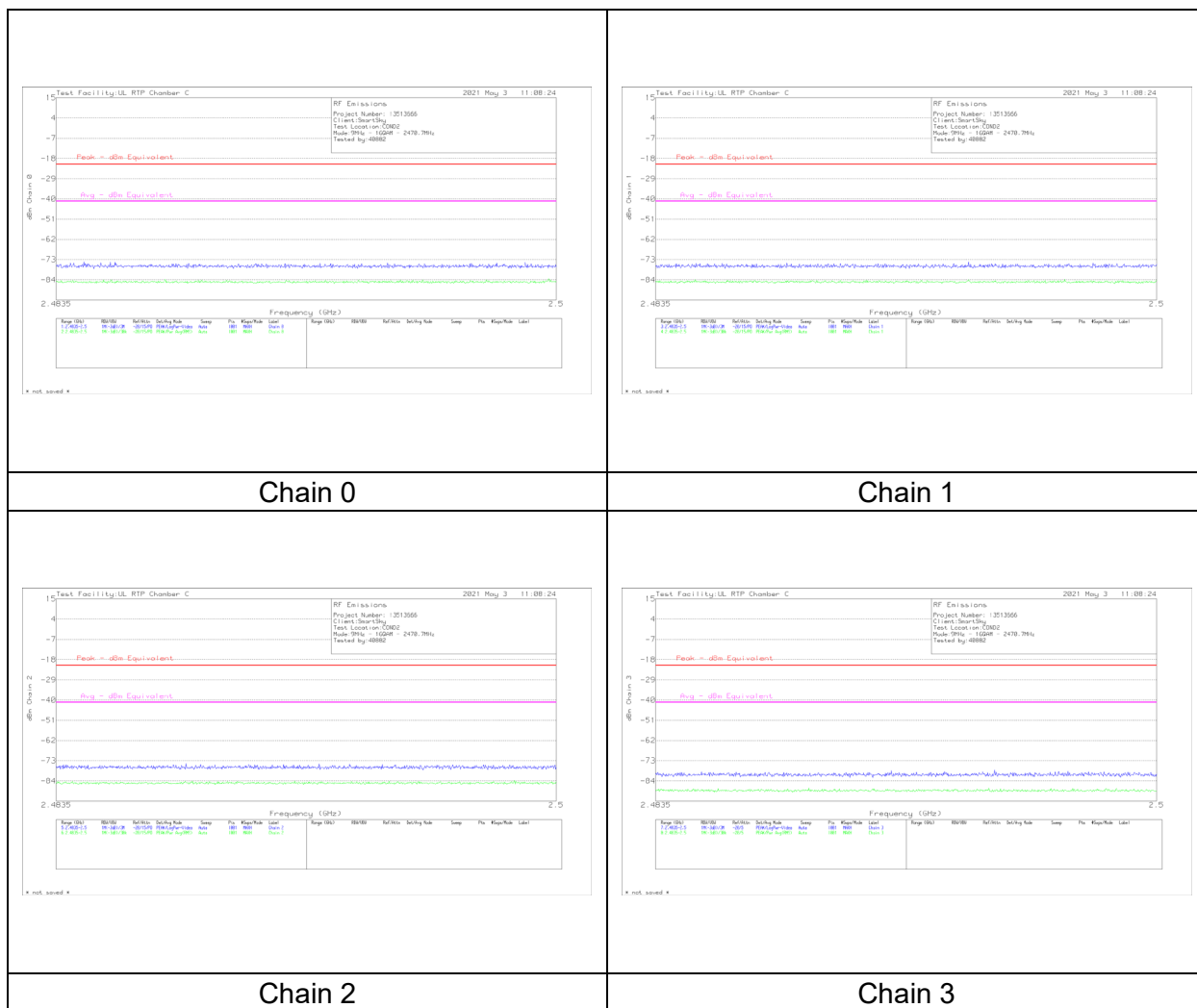


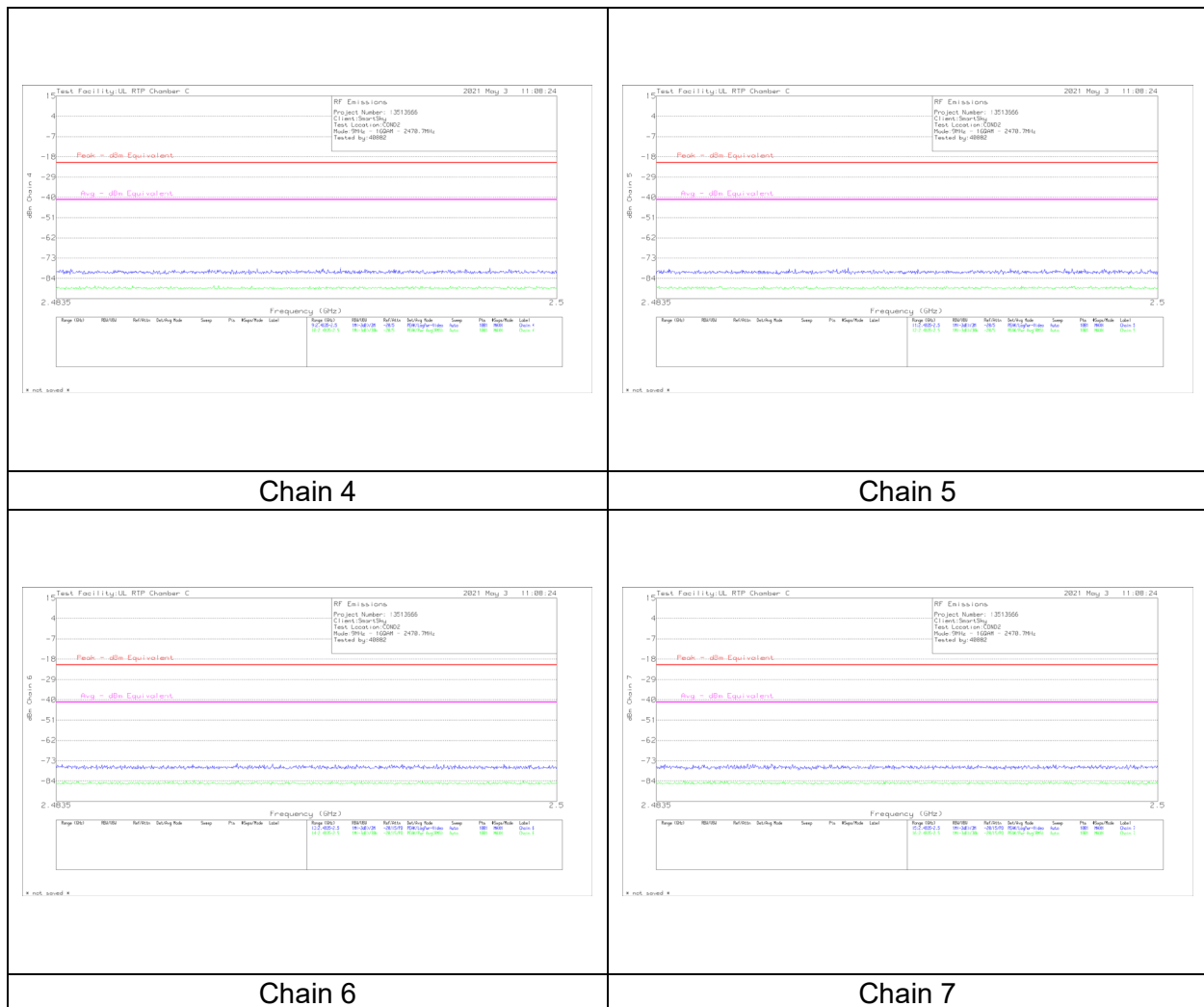
Restricted Band (Low Channel) Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
2.35768	-75.69	-73.63	-76.31	-80.5	-79.97	-80.42	-75.46	-75.45	-40.678	54.57959	74	-19.42
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.37544	-83.52	-84.83	-84.42	-88.16	-88.82	-89.58	-84.58	-84.07	-49.64	45.62	54	-8.38

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.4.2. HIGH CHANNEL RESTRICTED BAND EDGE





Restricted Band (High Channel) Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
2.498977	-74.47	-76.56	-75.81	-79.85	-80.8	-80.95	-75.9	-75.34	-41.01	54.25	74	-19.75
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.485051	-84.13	-85.33	-84.76	-88.77	-89.5	-88.66	-84.62	-84.7	-50.02	45.24	54	-8.76

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

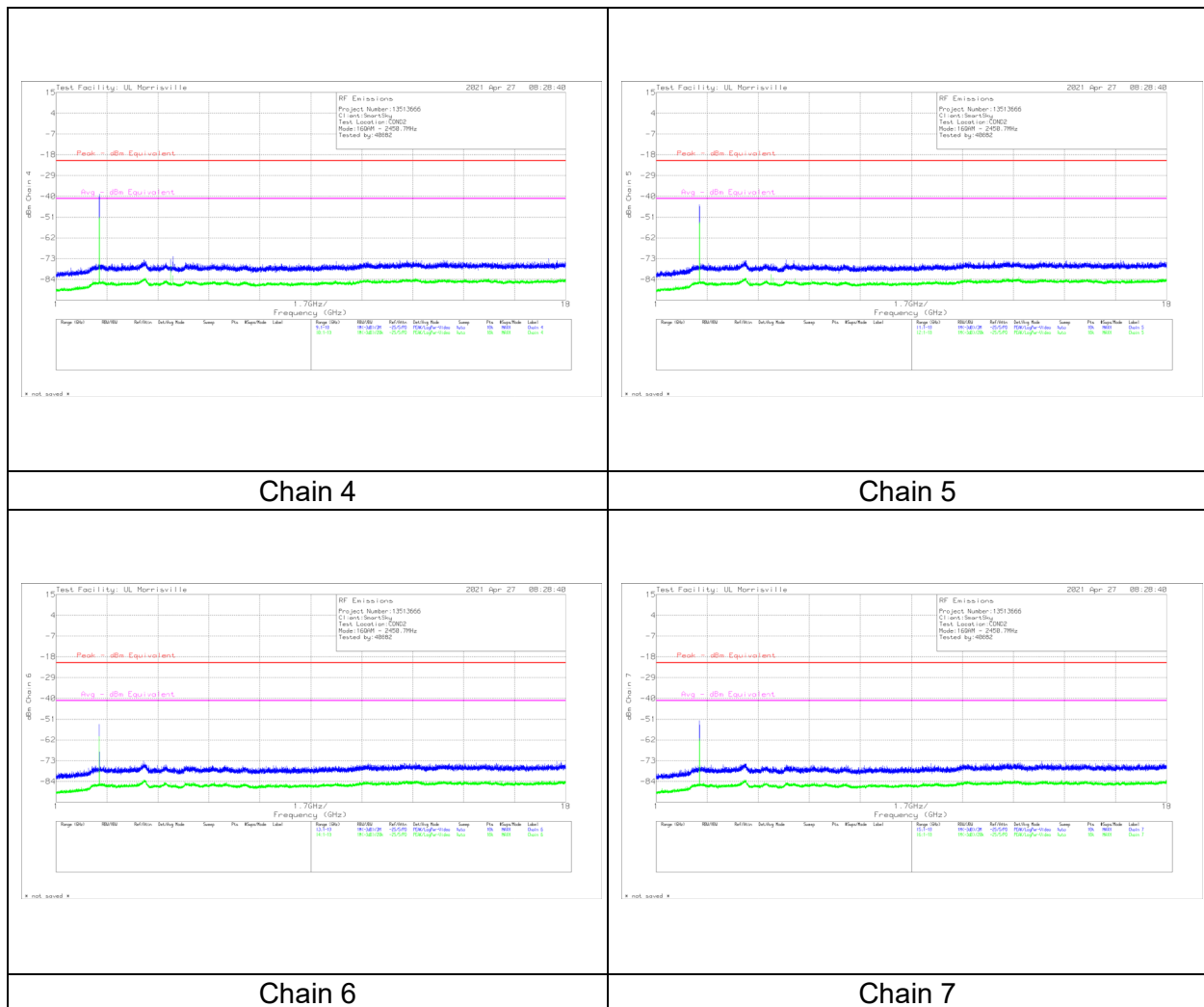
The figure displays four RF Emissions test plots, labeled Chain 0, Chain 1, Chain 2, and Chain 3. Each plot shows the measured emissions (blue line) against the frequency (GHz) from 1 to 18 GHz. The y-axis represents the power spectral density in dBm/Hz, ranging from -84 to 15. Two reference lines are shown: a red line for Peak - dBm Equivalent and a magenta line for Avg - dBm Equivalent. The test facility is UT, Morristown, and the project number is 13513666. The test location is C0602 and the test date is 2021 Apr 27. The test was performed by 40852.

Chain 0

Chain 1

Chain 2

Chain 3



Spurious Low Channel Tabular Summed Data, Worse-case Frequency:

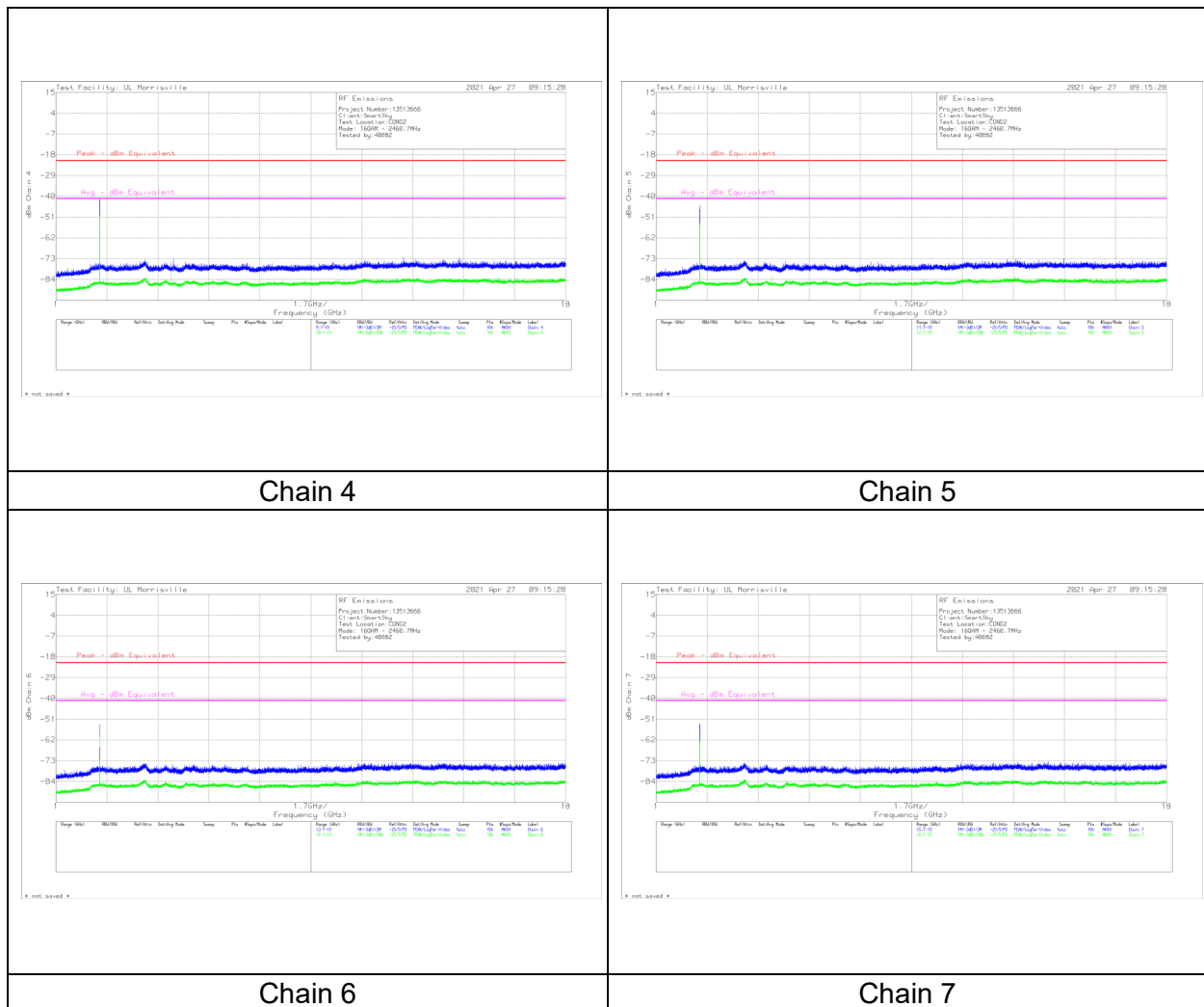
Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
3.920221	-76.13	-74.71	-74.9	-77.02	-75.07	-76.73	-73.17	-74.64	-39.3	56.0	74	-18.05
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.824998	-82.31	-84.08	-82.3	-78.19	-76.61	-81.28	-84.6	-86.86	-45.03	50.23	54	-3.77

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2. Fundamental emission not identified in tabular data.

The figure displays four plots showing RF Emissions for Chain 0, Chain 1, Chain 2, and Chain 3. Each plot is a graph of dBm Equivalent (Y-axis, ranging from -84 to 15) versus Frequency (GHz) (X-axis, ranging from 1 to 19). The plots are arranged in a 2x2 grid.

Each plot includes a table of RF Emissions data at the bottom, detailing the test facility, project number, test location, and test results. The data is summarized in the table below:

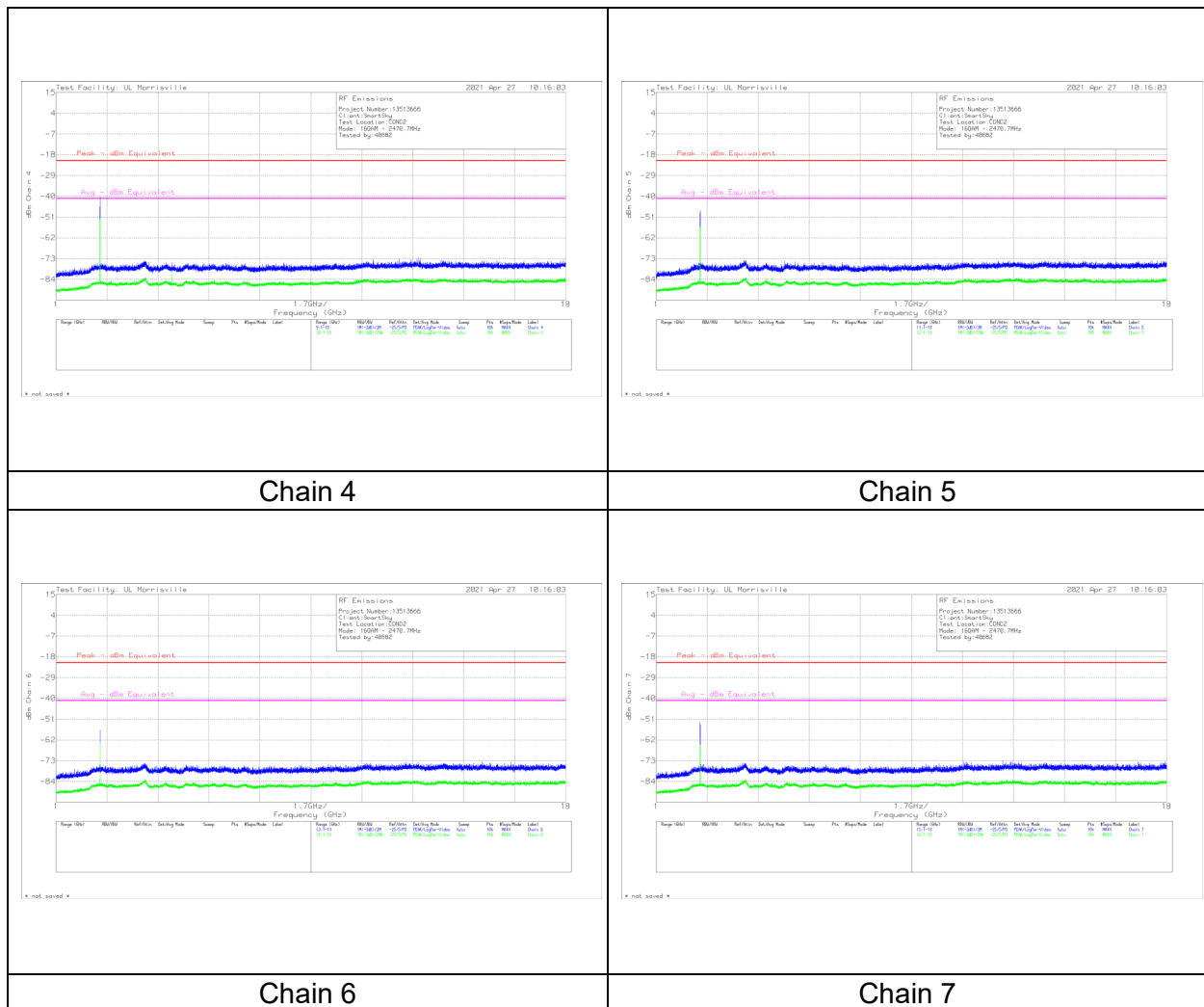
Test Facility	Project Number	Test Location	Test Results
Test Facility: UL Morrisville	13513666	10000	Peak: -100dBm, Avg: -100dBm, Min: -100dBm, Max: -100dBm
Test Facility: UL Morrisville	13513666	10000	Peak: -100dBm, Avg: -100dBm, Min: -100dBm, Max: -100dBm
Test Facility: UL Morrisville	13513666	10000	Peak: -100dBm, Avg: -100dBm, Min: -100dBm, Max: -100dBm
Test Facility: UL Morrisville	13513666	10000	Peak: -100dBm, Avg: -100dBm, Min: -100dBm, Max: -100dBm



Spurious Mid Channel Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
13.799105	-75.82	-75.74	-76.21	-72.67	-75.27	-77.1	-74.43	-76.59	-39.43	55.82	74	-18.18
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.845776	-79.99	-86.68	-83.27	-81.44	-80.4	-82.72	-84.62	-85.62	-47	49	54	-5.44

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2. Fundamental emission not identified in tabular data.

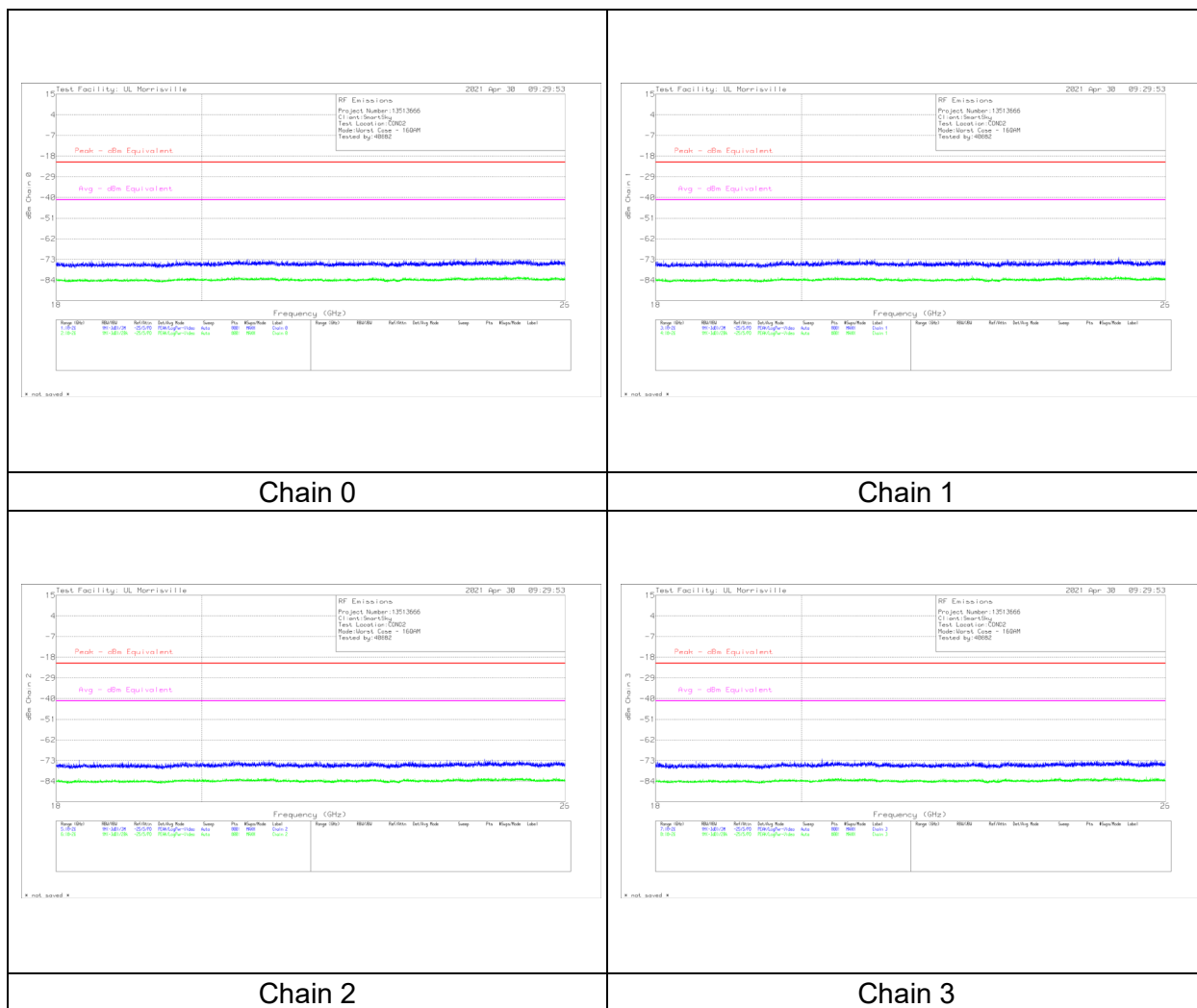


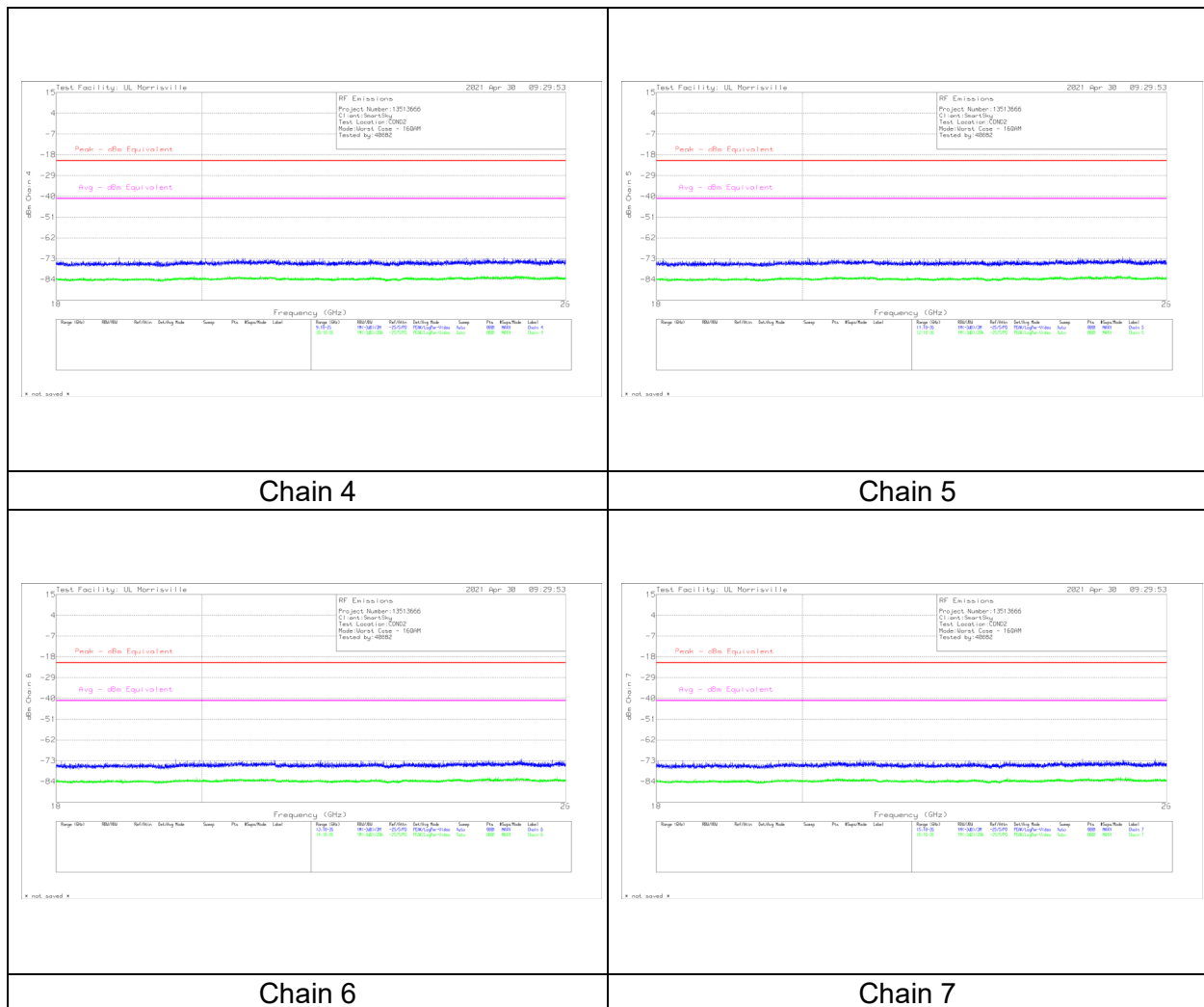
Spurious High Channel Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
3.942888	-73.59	-76.31	-75.15	-75.51	-74.81	-75.88	-75.55	-75.49	-39.38	55.87	74	-18.13
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.865609	-78.84	-85.84	-84.35	-80.47	-79.15	-83.09	-84.62	-84.51	-46.01	49.25	54	-4.75

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2. Fundamental emission not identified in tabular data.

11.4.6. WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz



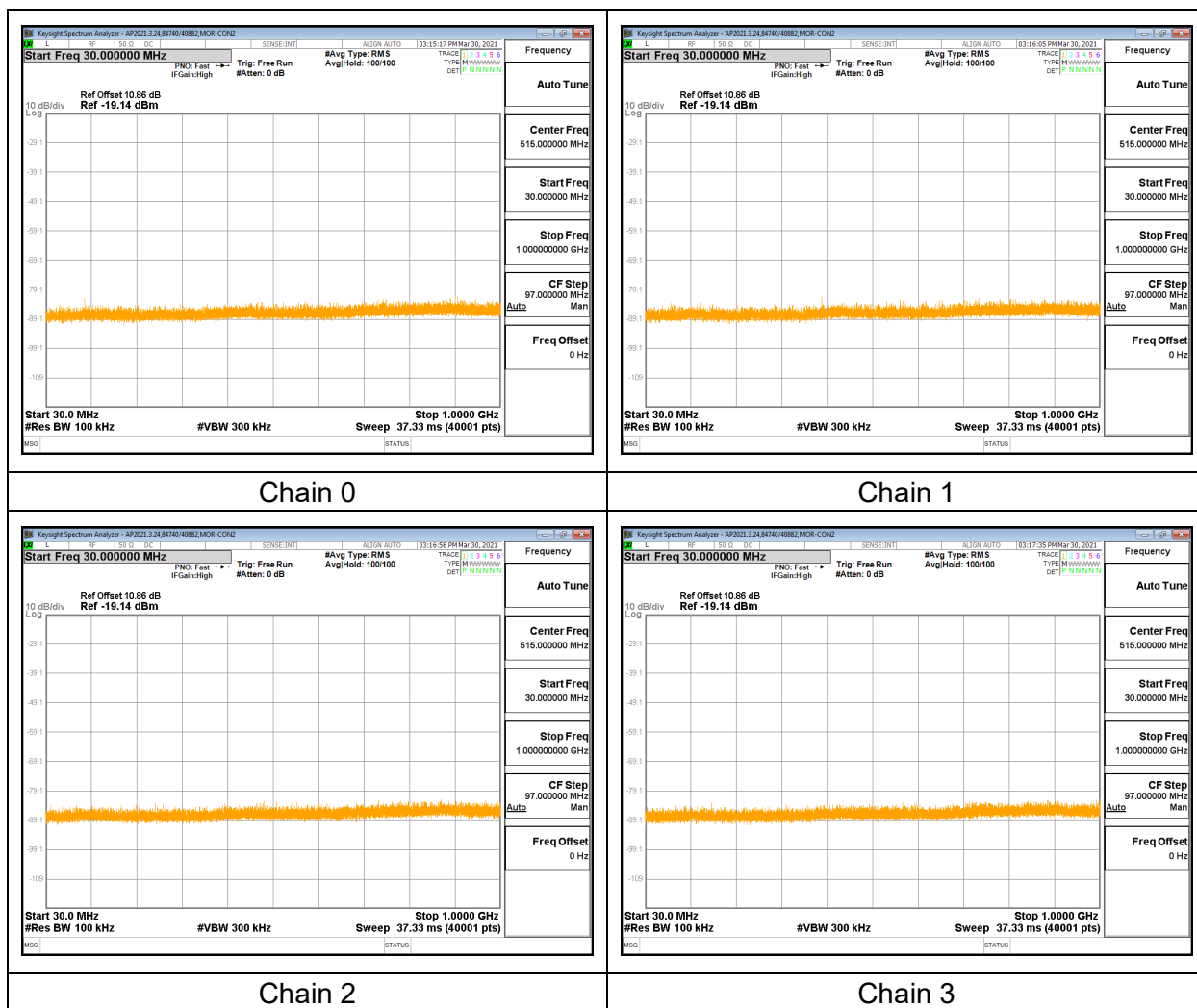


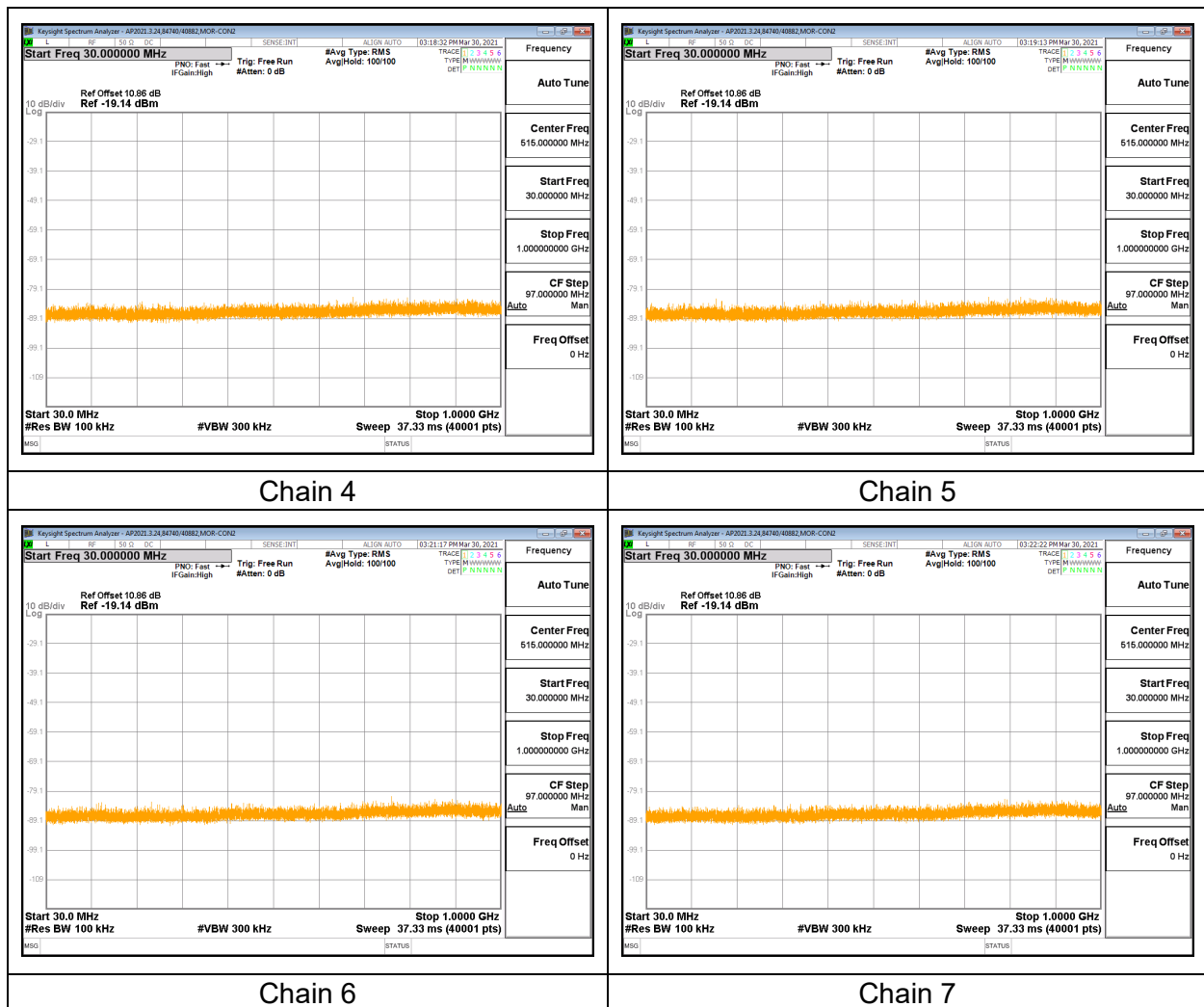
Spurious High Channel Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
25.137	-74.36	-71.57	-74.24	-73.38	-73.49	-74.37	-74.52	-74.54	-37.86	57.39	74	-16.61
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
25.088	-83.19	-81.63	-82.38	-82.9	-82.96	-82.45	-82.87	-83.12	-46.83	48.43	54	-5.57

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.4.7. WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz





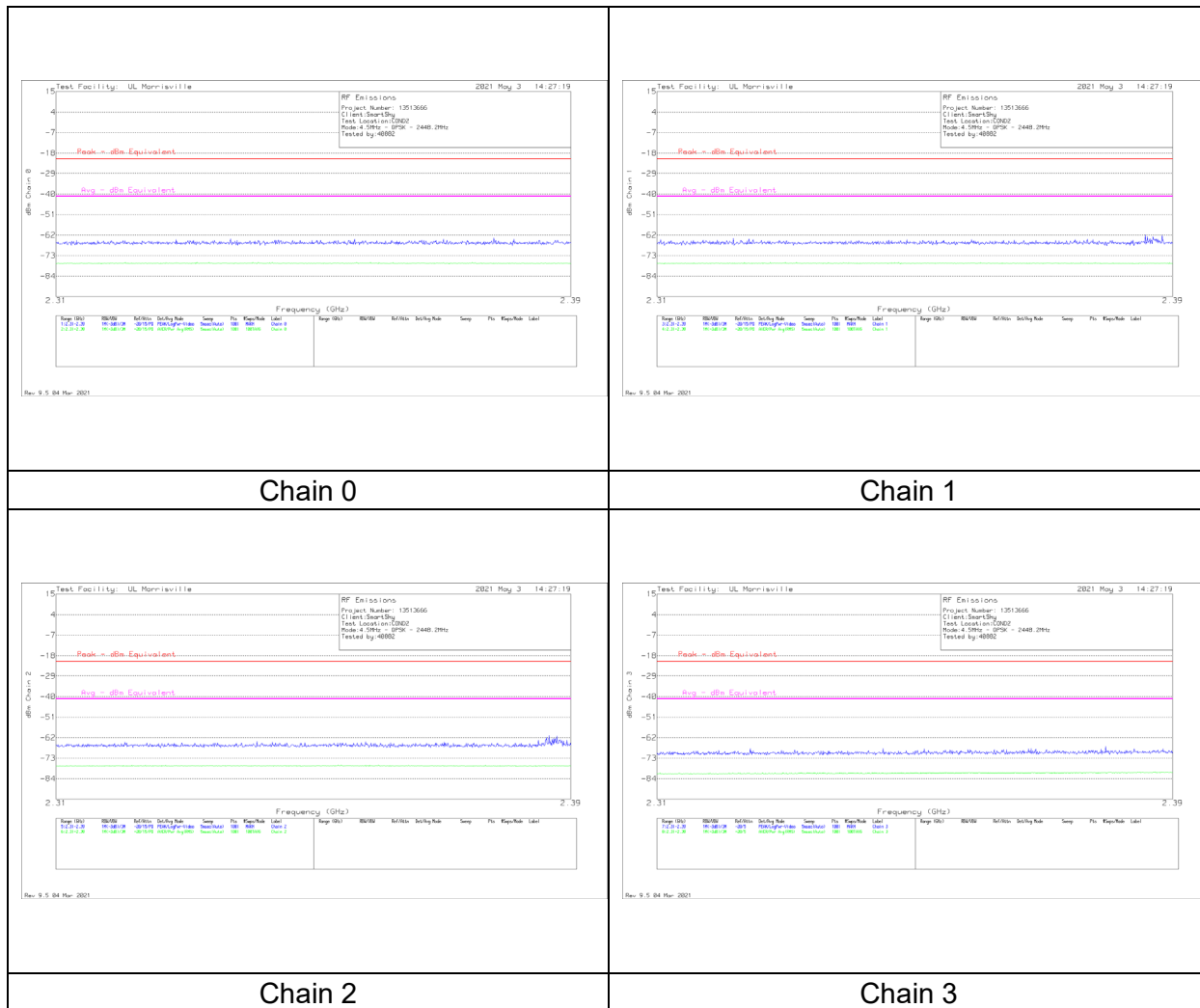
Spurious High Channel Tabular Summed Data, Worse-case Frequency:

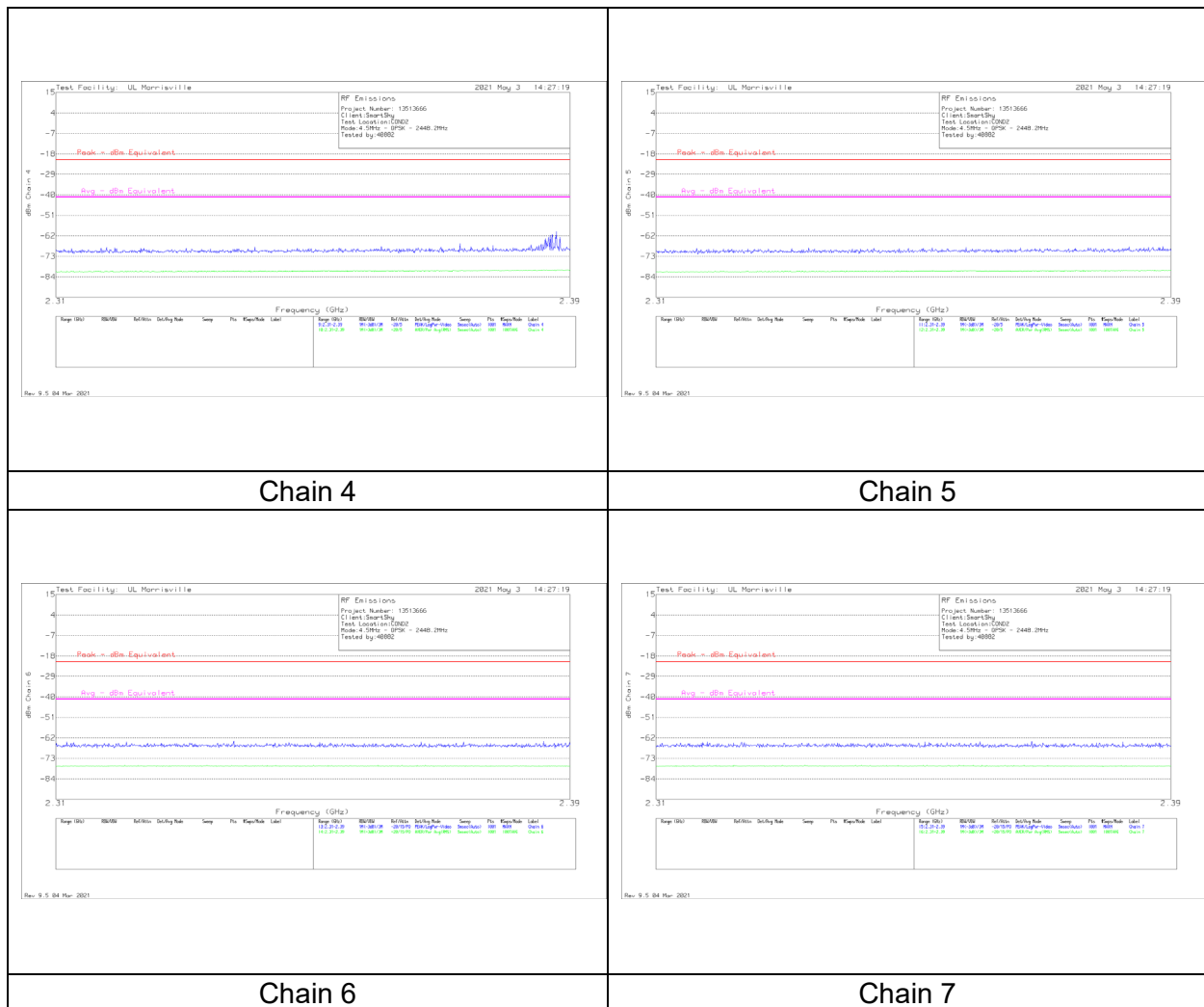
Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	4.7	26.8	3	
Frequency (MHz)	QP Value Chain 0 (dBm)	QP Value Chain 1 (dBm)	QP Value Chain 2 (dBm)	QP Value Chain 3 (dBm)	QP Value Chain 4 (dBm)	QP Value Chain 5 (dBm)	QP Value Chain 6 (dBm)	QP Value Chain 7 (dBm)	QK EIRP (dBm)	QP E-field (dBuV/m)	QP E-field Limit (dBuV/m)	QP E-field Margin (dB)
406.6	-96.29	-96.28	-96.33	-96.30	-96.27	-96.22	-96.31	-96.28	-55.75	39.50	46	-6.50

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.5. FRB, 4.5MHz BW, QPSK MODE, TX ABOVE 1 GHz IN THE 2.4 GHz BAND

11.5.1. LOW CHANNEL RESTRICTED BAND EDGE



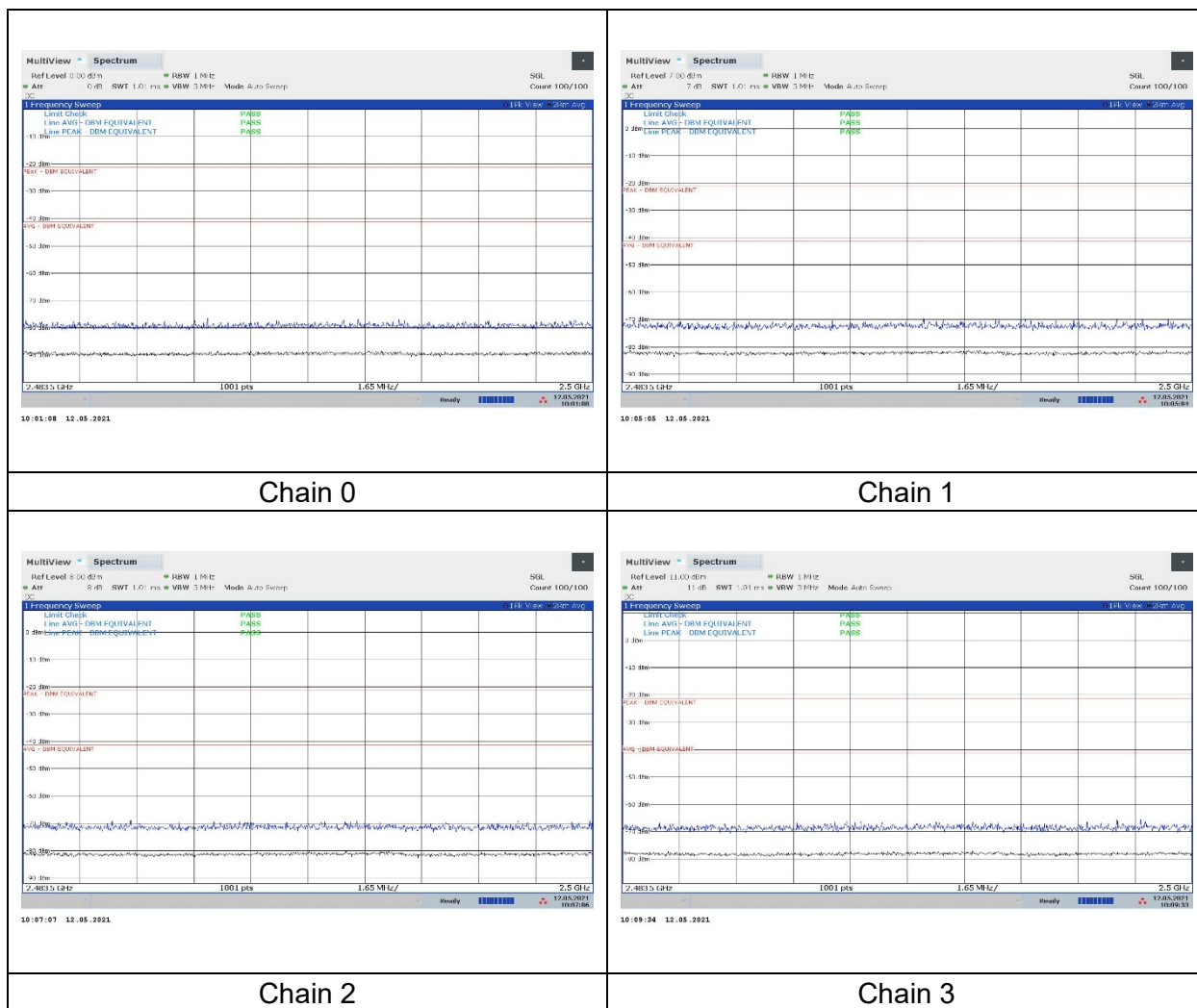


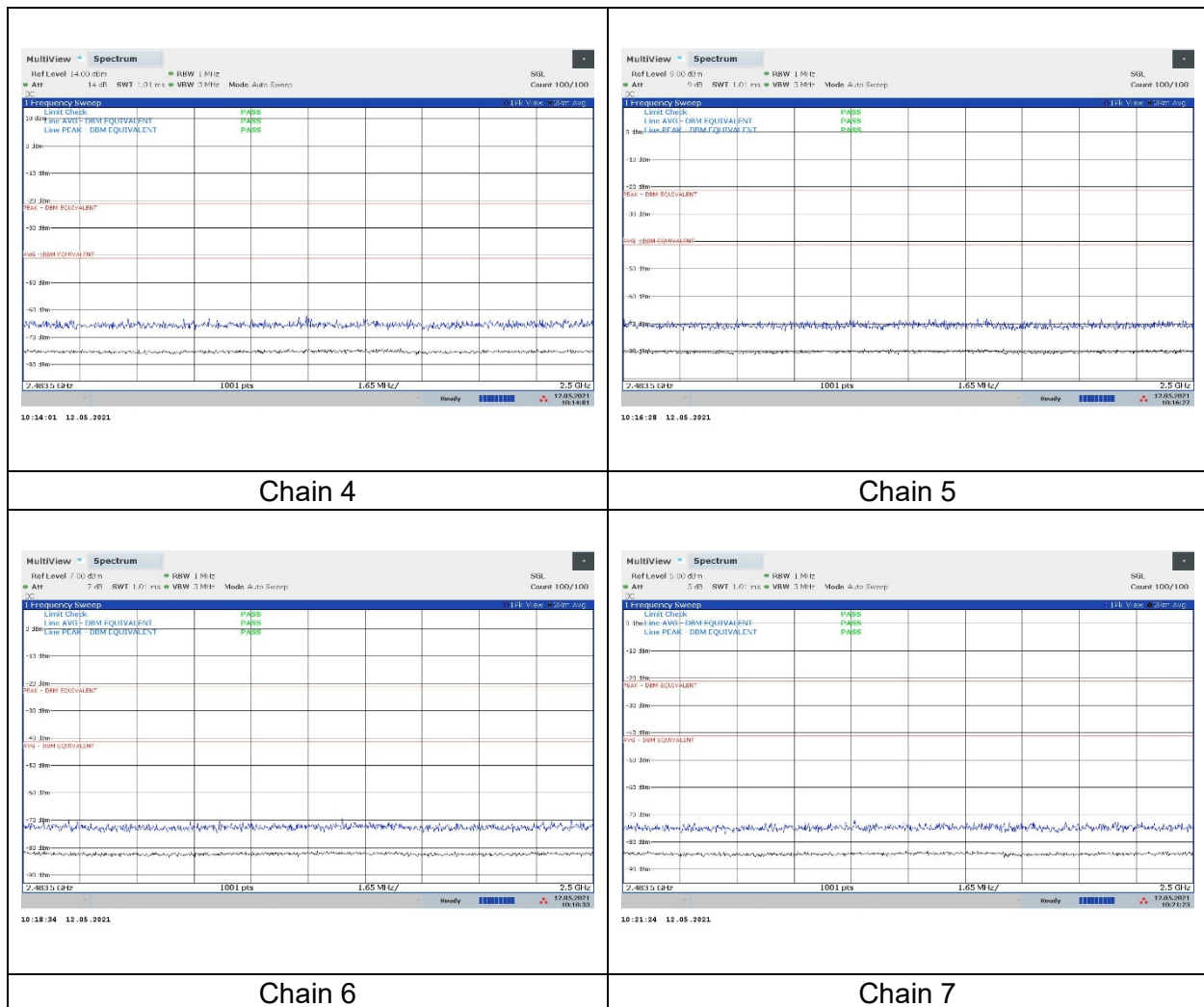
Restricted Band (Low Channel) Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
2.38784	-65.44	-65.5	-64.32	-69.99	-59.83	-70	-66.64	-66.22	-29.00	66.26	74	-7.74
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.35856	-76.85	-77.03	-76.97	-80.78	-80.79	-80.72	-76.97	-76.92	-42.19	53.07	54	-0.93

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2

11.5.2. HIGH CHANNEL RESTRICTED BAND EDGE





Restricted Band (High Channel) Tabular Summed Data, Worse-case Frequency:

Chain	0	1	2	3	4	5	6	7	GRF (dB)	Array Gain (dBi)	Meas. Dist (m)	
Gain (dBi)	-	-	-	-	-	-	-	-	0	26.8	3	
Frequency (GHz)	PK Value Chain 0 (dBm)	PK Value Chain 1 (dBm)	PK Value Chain 2 (dBm)	PK Value Chain 3 (dBm)	PK Value Chain 4 (dBm)	PK Value Chain 5 (dBm)	PK Value Chain 6 (dBm)	PK Value Chain 7 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)
2491.7005	-79.22	-70.96	-70.76	-68.10	-62.07	-69.77	-72.75	-73.72	-32.58	62.67	74	-11.33
Frequency (GHz)	AV Value Chain 0 (dBm)	AV Value Chain 1 (dBm)	AV Value Chain 2 (dBm)	AV Value Chain 3 (dBm)	AV Value Chain 4 (dBm)	AV Value Chain 5 (dBm)	AV Value Chain 6 (dBm)	AV Value Chain 7 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2494.423	-88.54	-81.75	-81.18	-77.80	-74.10	-80.05	-81.93	-83.95	-43.58	51.67	54	-2.33

Note: GRF = Ground Reflection Factor per C63.10, Section 11.12.2.2