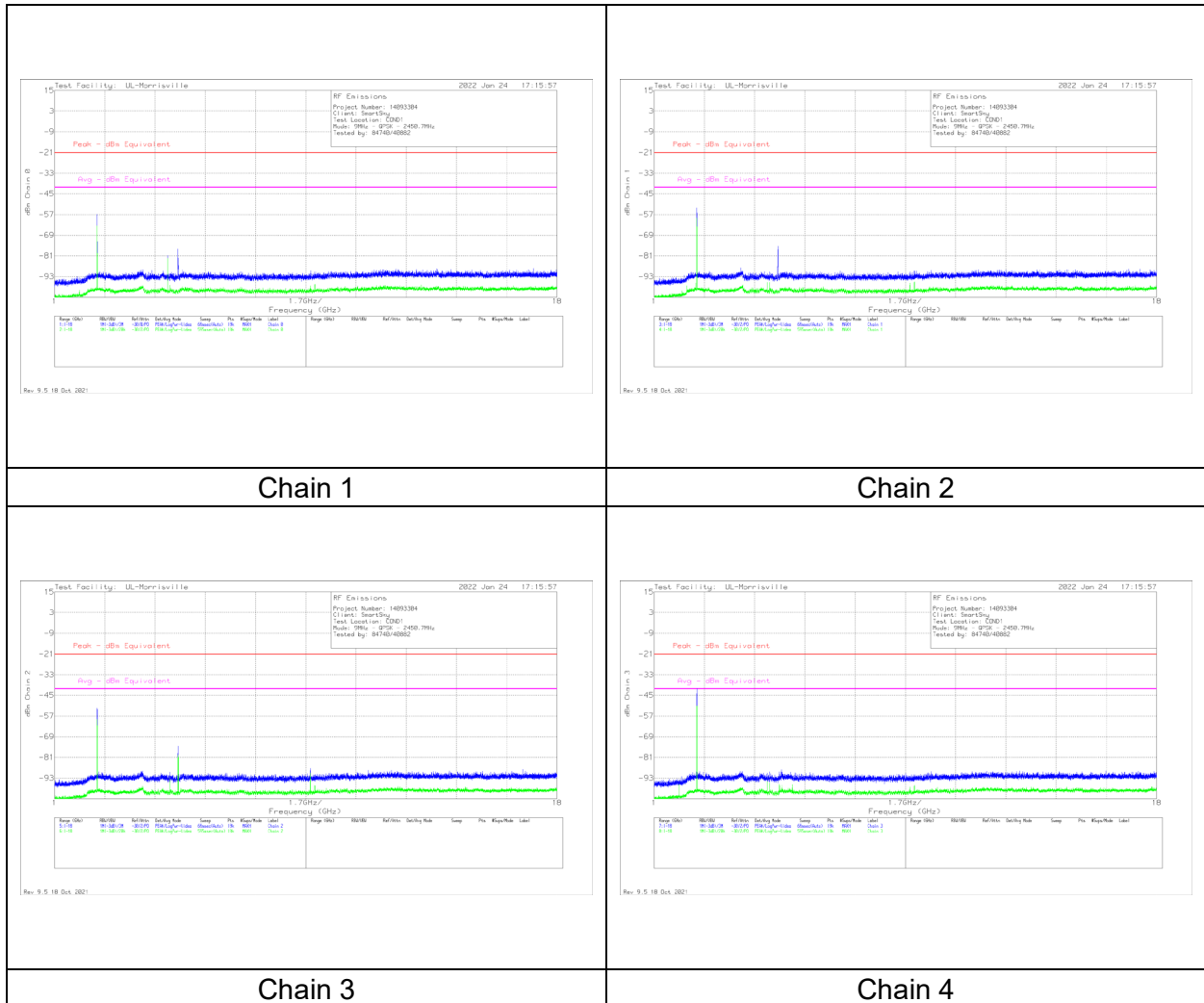
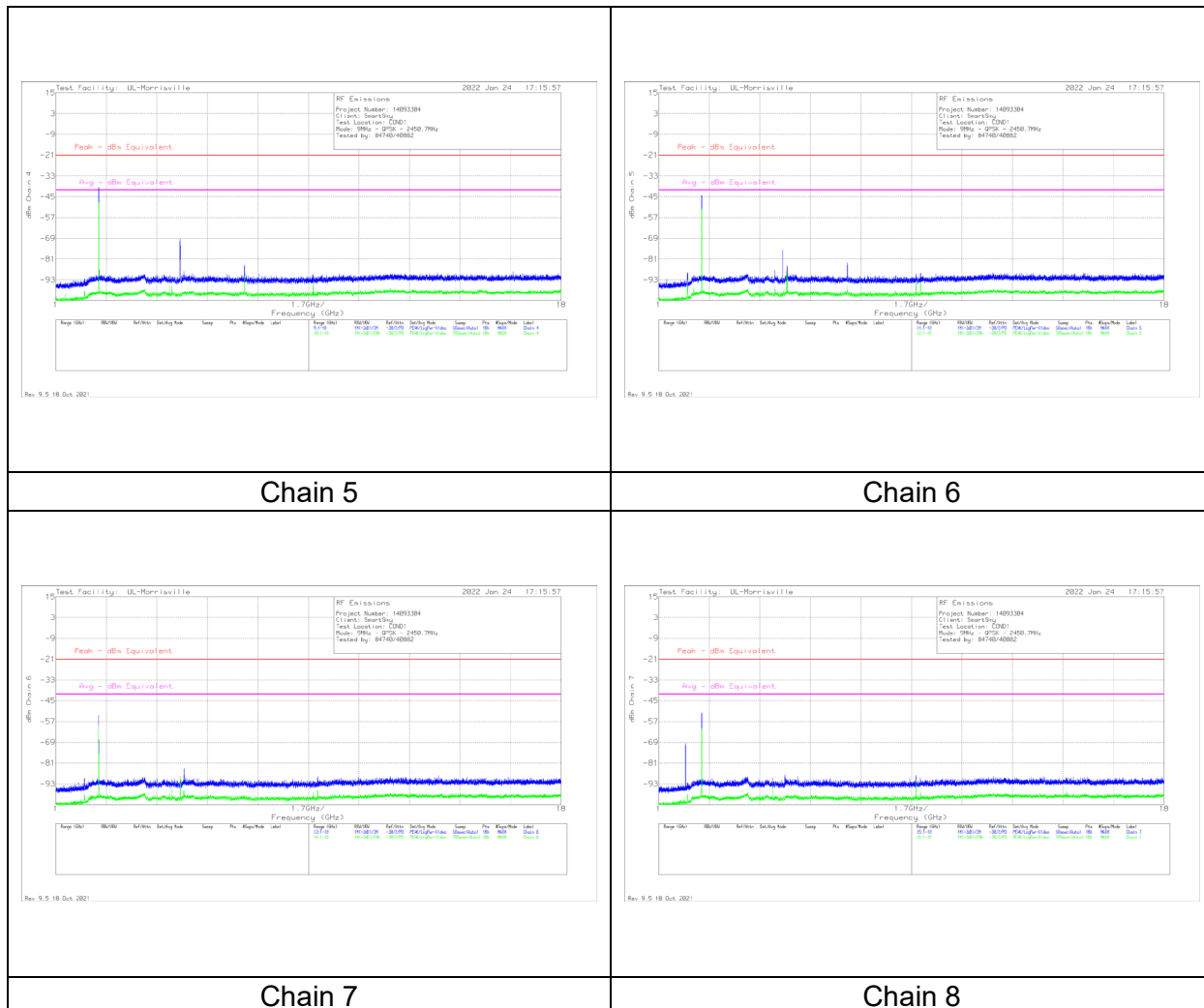


### 11.3.3. LOW CHANNEL SPURIOUS: 1-18 GHz

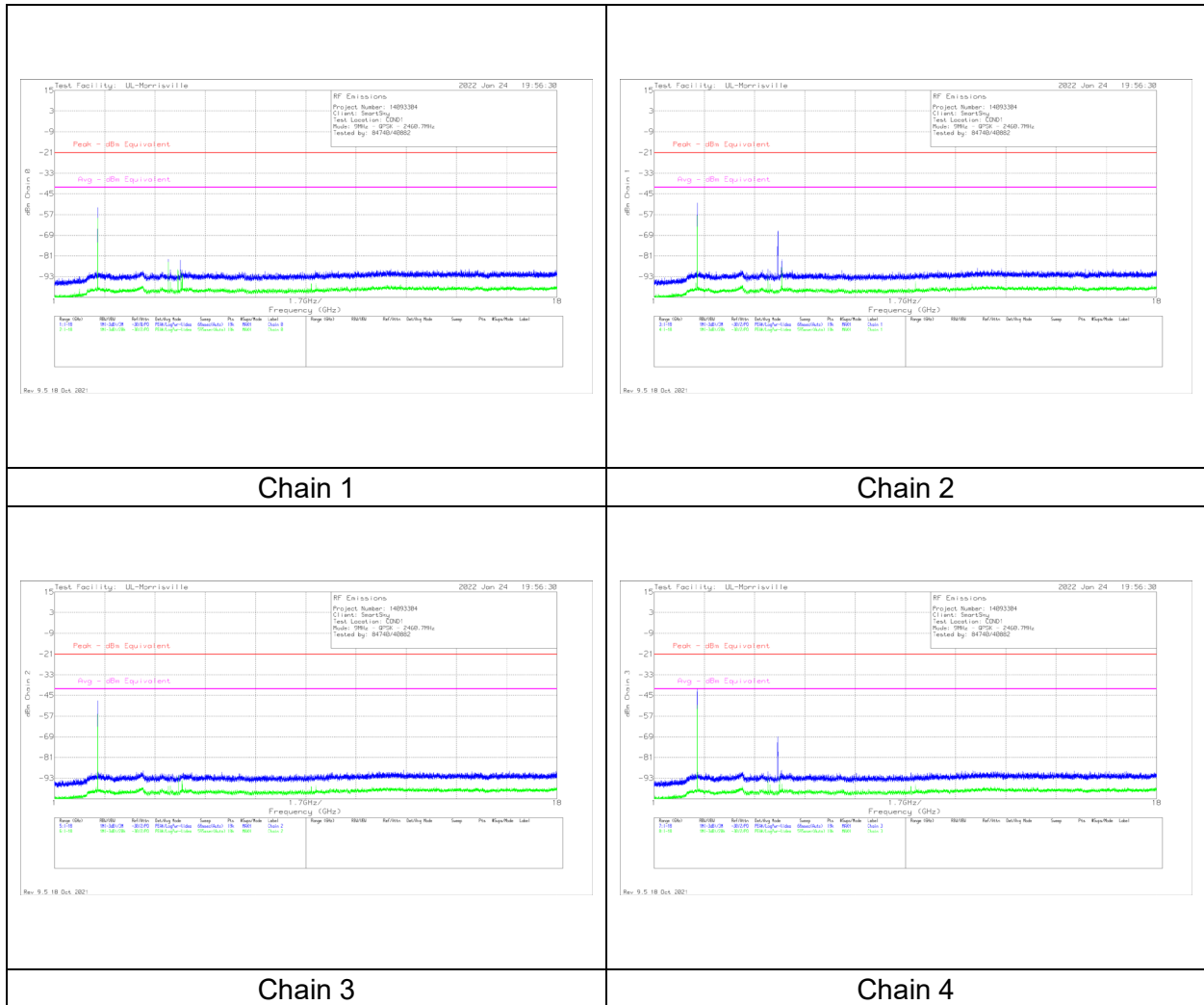




**Spurious Low Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
2.452555	-77.24	-56.05	-53.3	-40.99	-40.34	-45.17	-77.99	-54.66	-9.91	85.34	74	11.34
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)
5.177276	-102.17	-102.68	-79.62	-102.1	-102.35	-102.16	-102.67	-102.37	-52.66	42.60	54	-11.40

### 11.3.4. MID CHANNEL SPURIOUS: 1-18 GHz

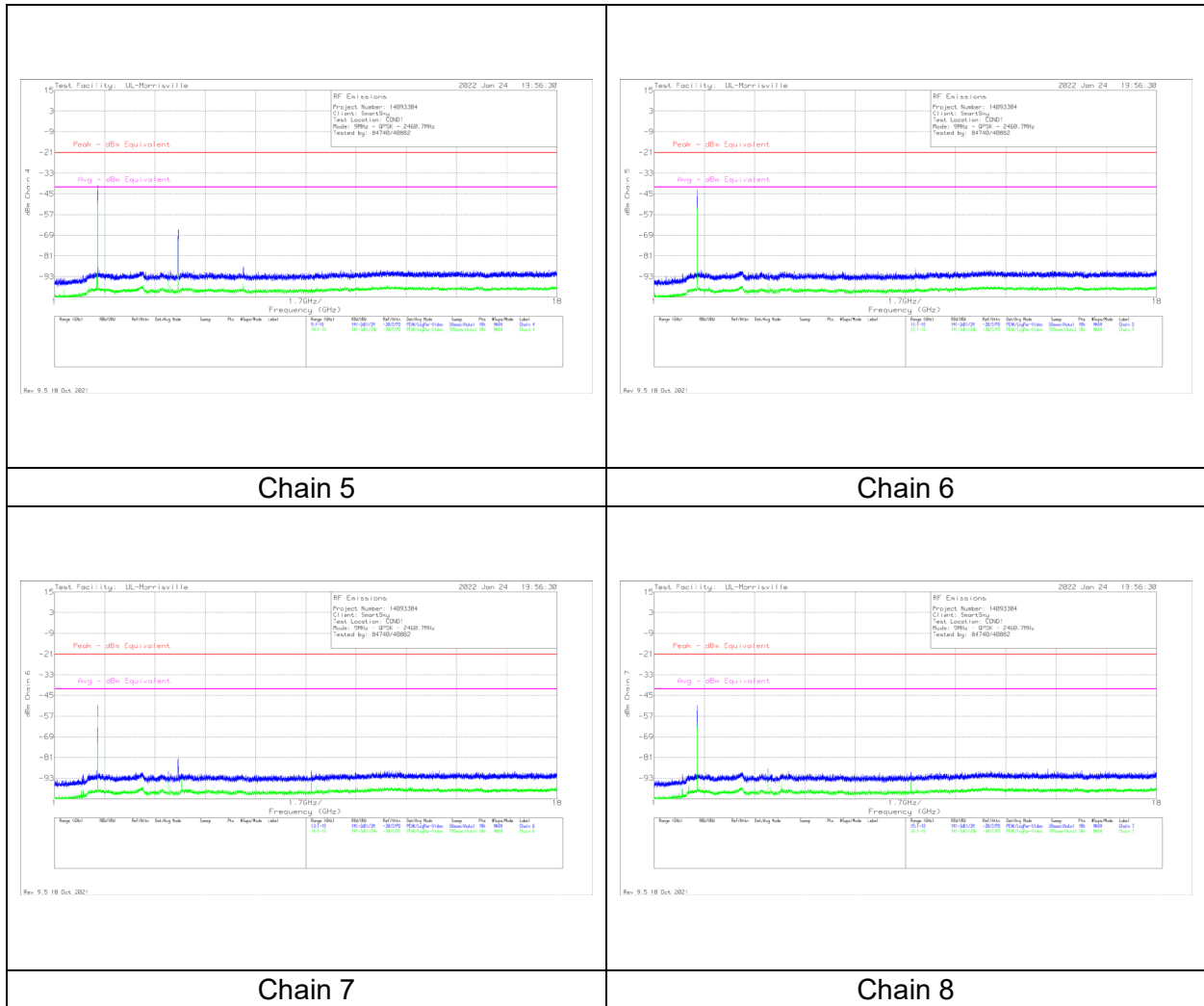


Chain 1

Chain 2

Chain 3

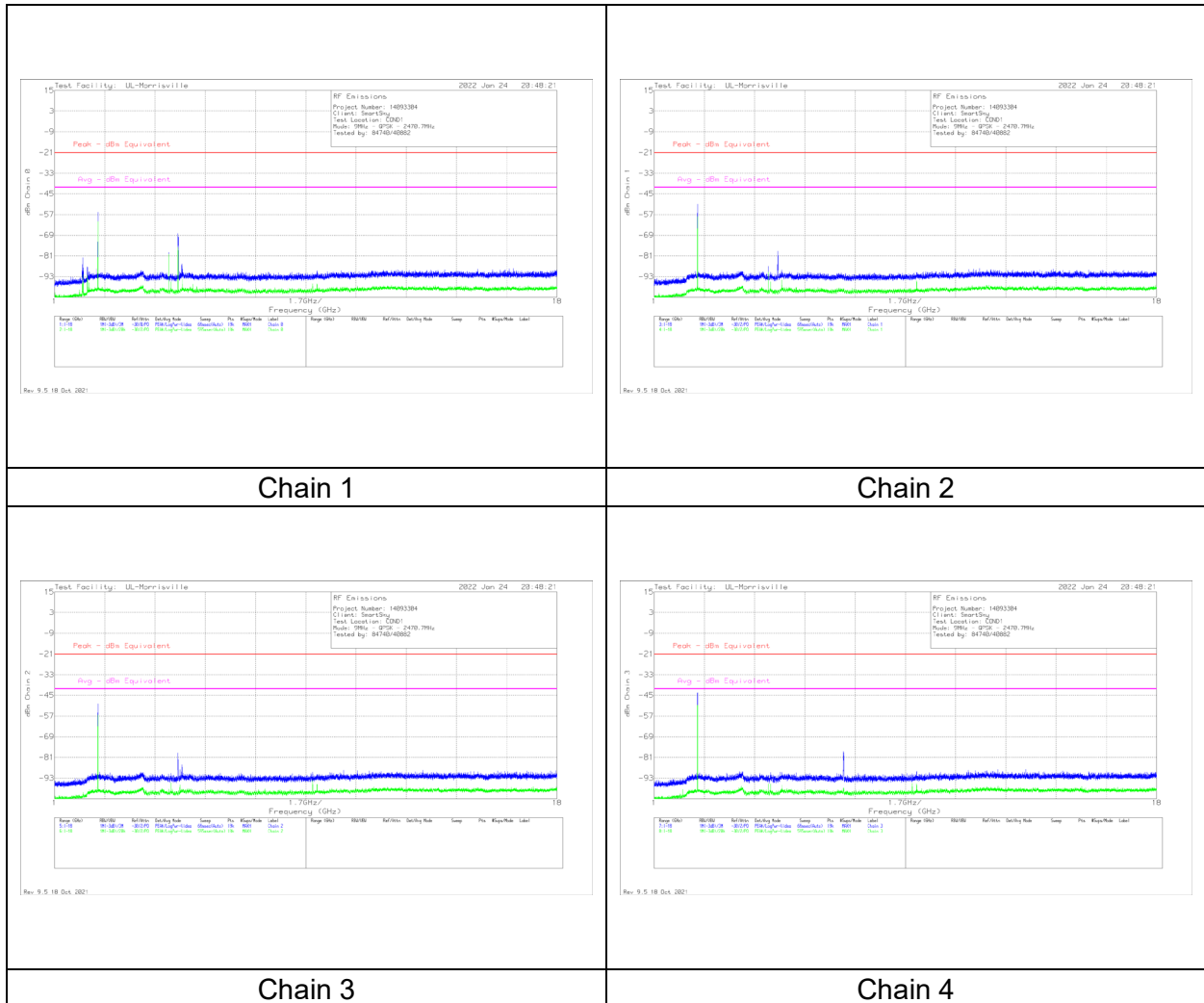
Chain 4

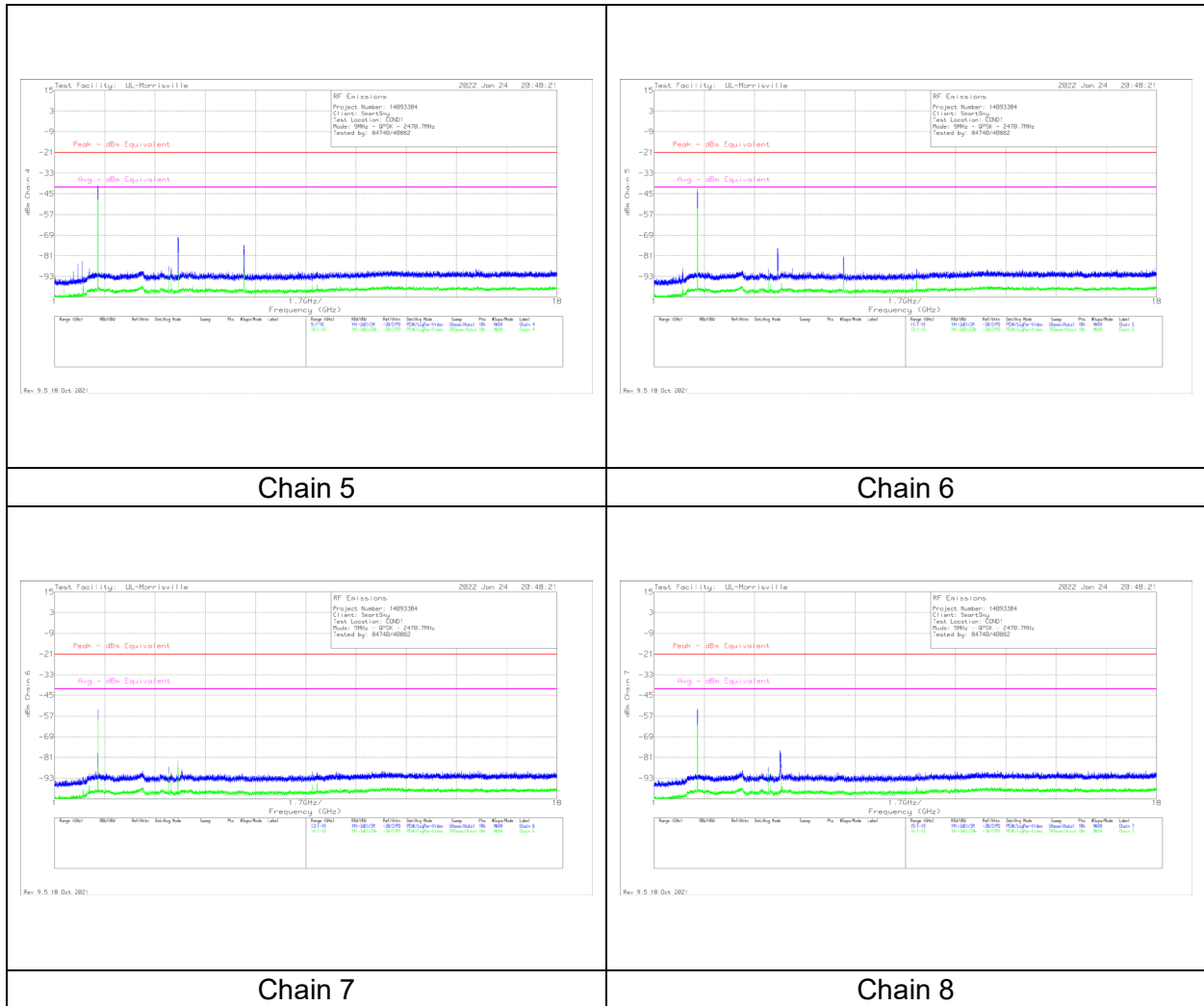


**Spurious Mid Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
5.19	-93.37	-66.35	-94.74	-78.09	-65.74	-93.52	-86	-92.96	-36.05	59.20	74	-14.80
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)
5.19	-102.28	-101.48	-101.73	-101.98	-71.8	-101.64	-102.48	-101.8	-44.97	50.29	54	-3.71

### 11.3.5. HIGH CHANNEL SPURIOUS: 1-18 GHz

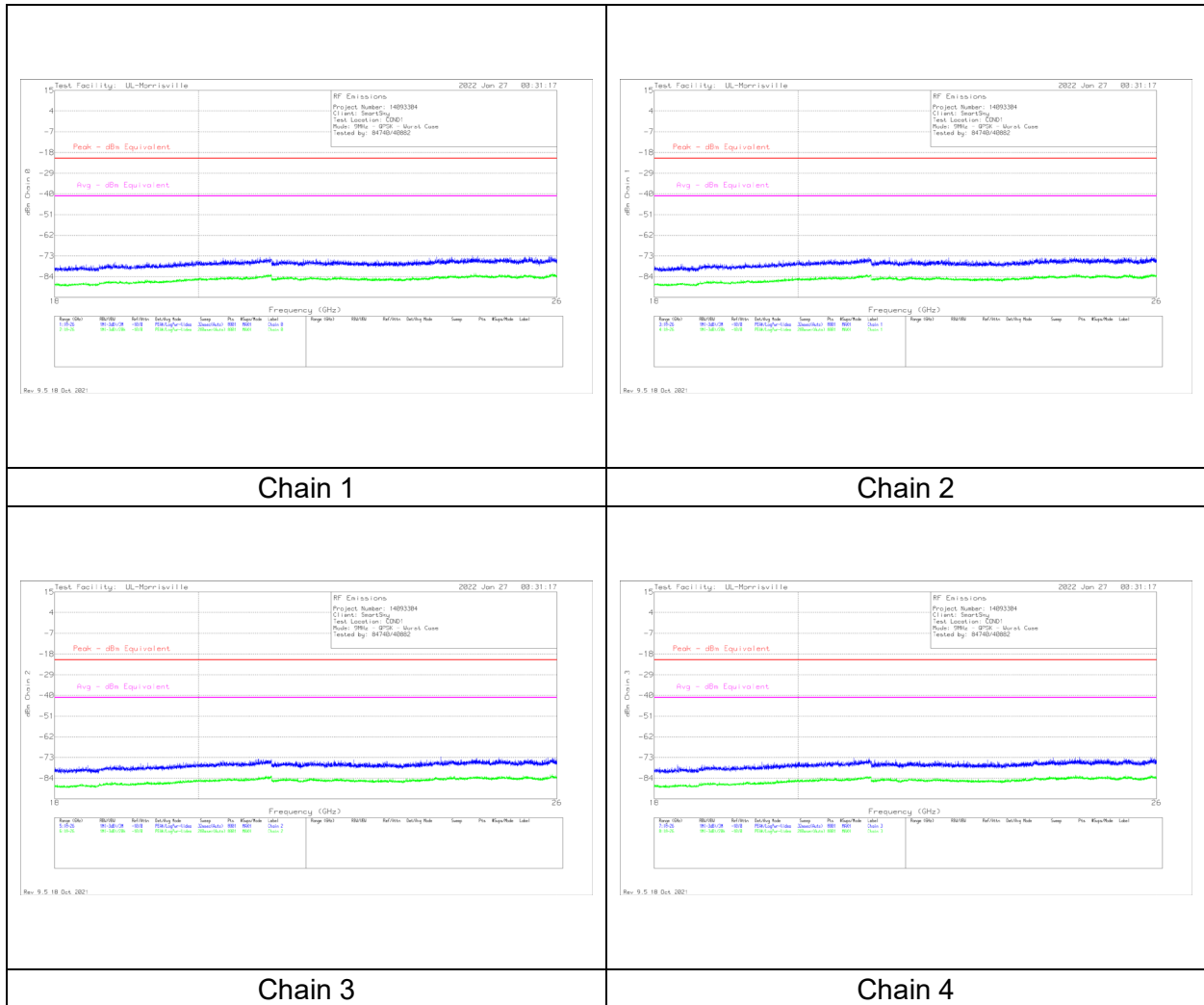


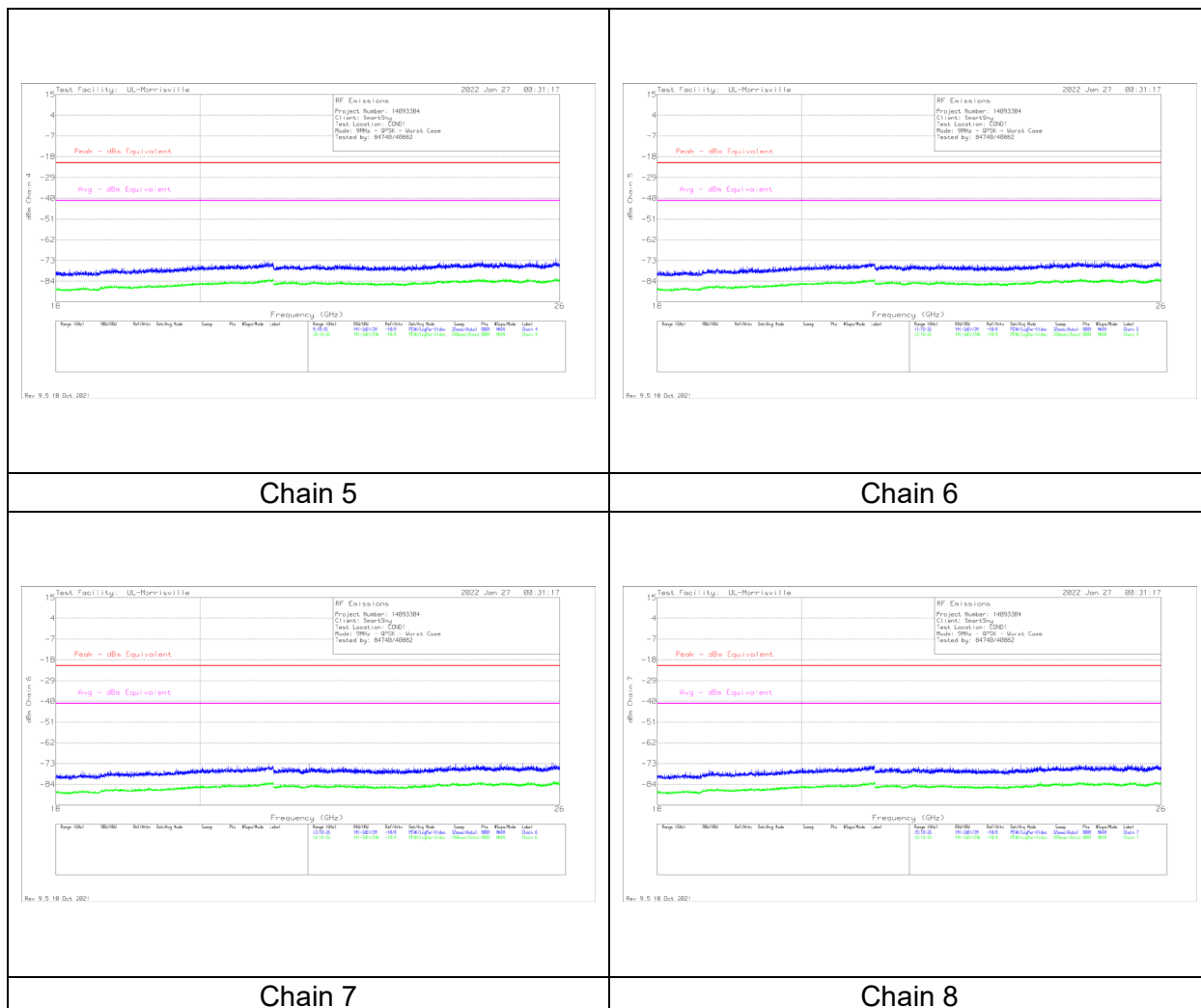


**Spurious High Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
5.17	-68.02	-94.28	-78.72	-95.22	-76.99	-80.6	-94.71	-92.35	-40.16	55.10	74	-18.90
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)
5.17	-76	-103.1	-102.29	-102.81	-101.88	-102.41	-83.65	-102.58	-48.46	46.80	54	-7.20

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



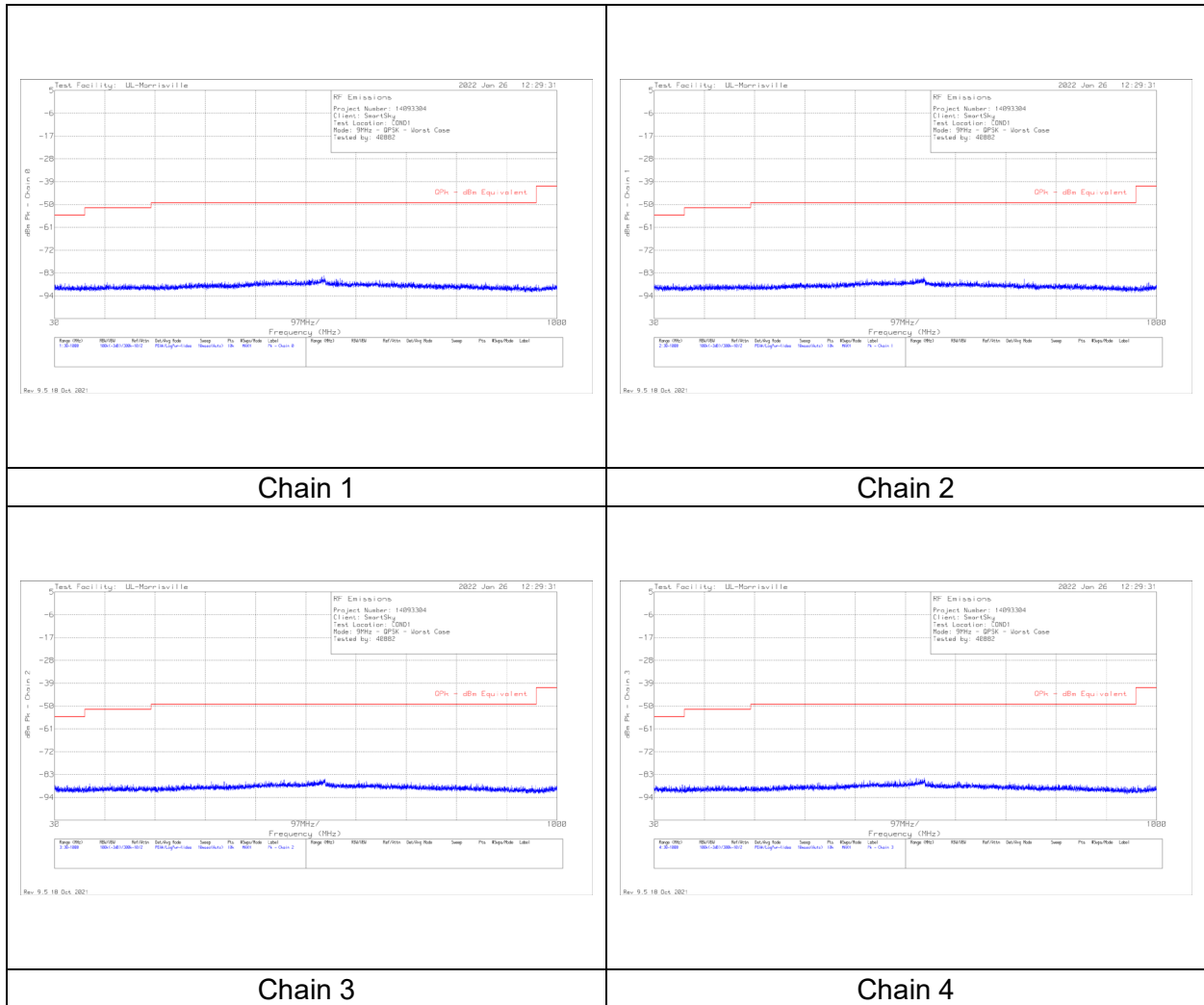


**Spurious High Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain (dBi)	GRF (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
25.882	-72.86	-74.5	-75.6	-73.05	-75.45	-74.4	-73.19	-75.47	-38.35	56.91	74	-17.09
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)
25.907	-83.53	-83.16	-81.96	-83.26	-83.2	-82.96	-82.71	-83.57	-47.18	48.07	54	-5.93



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

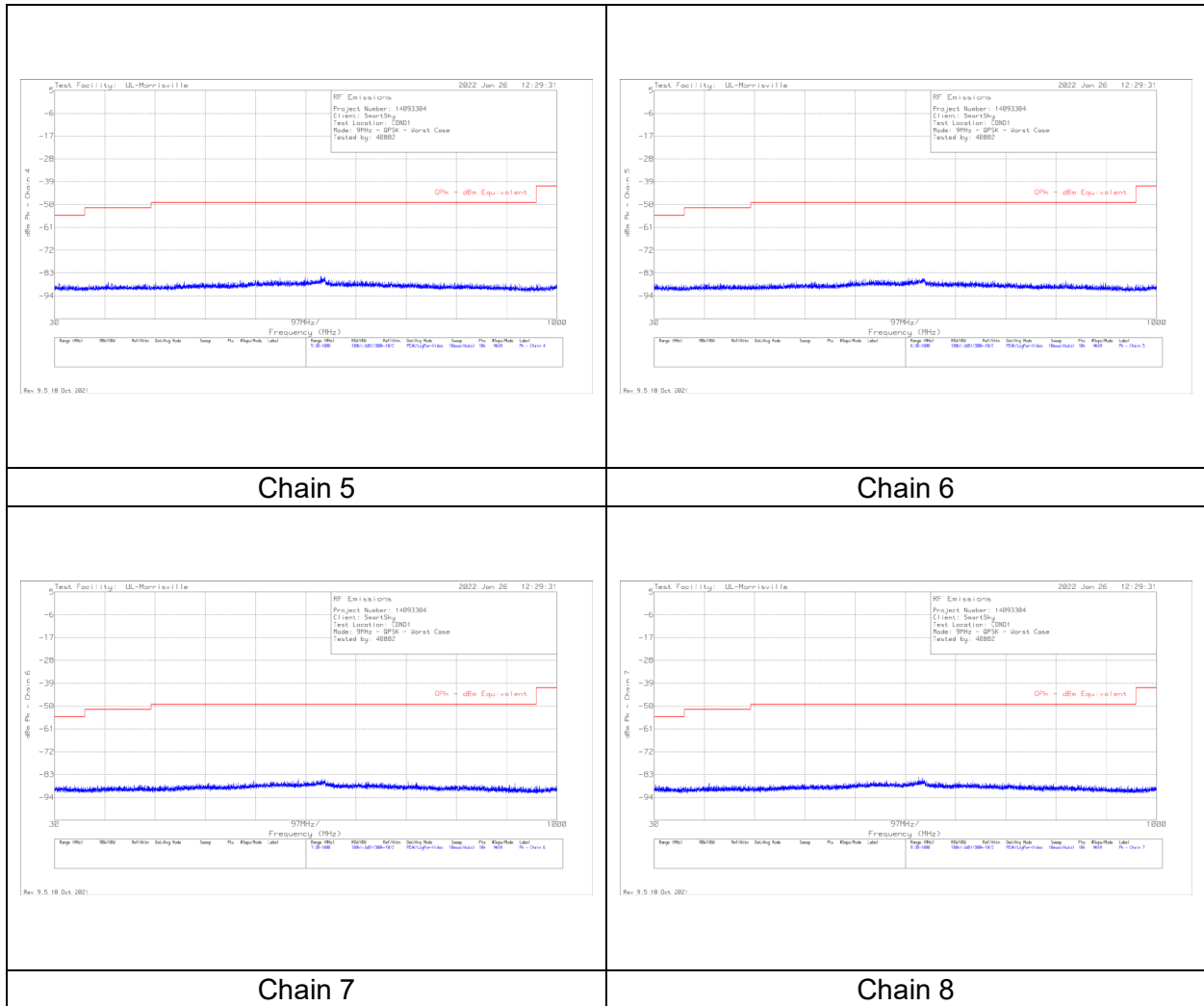


Chain 1

Chain 2

Chain 3

Chain 4

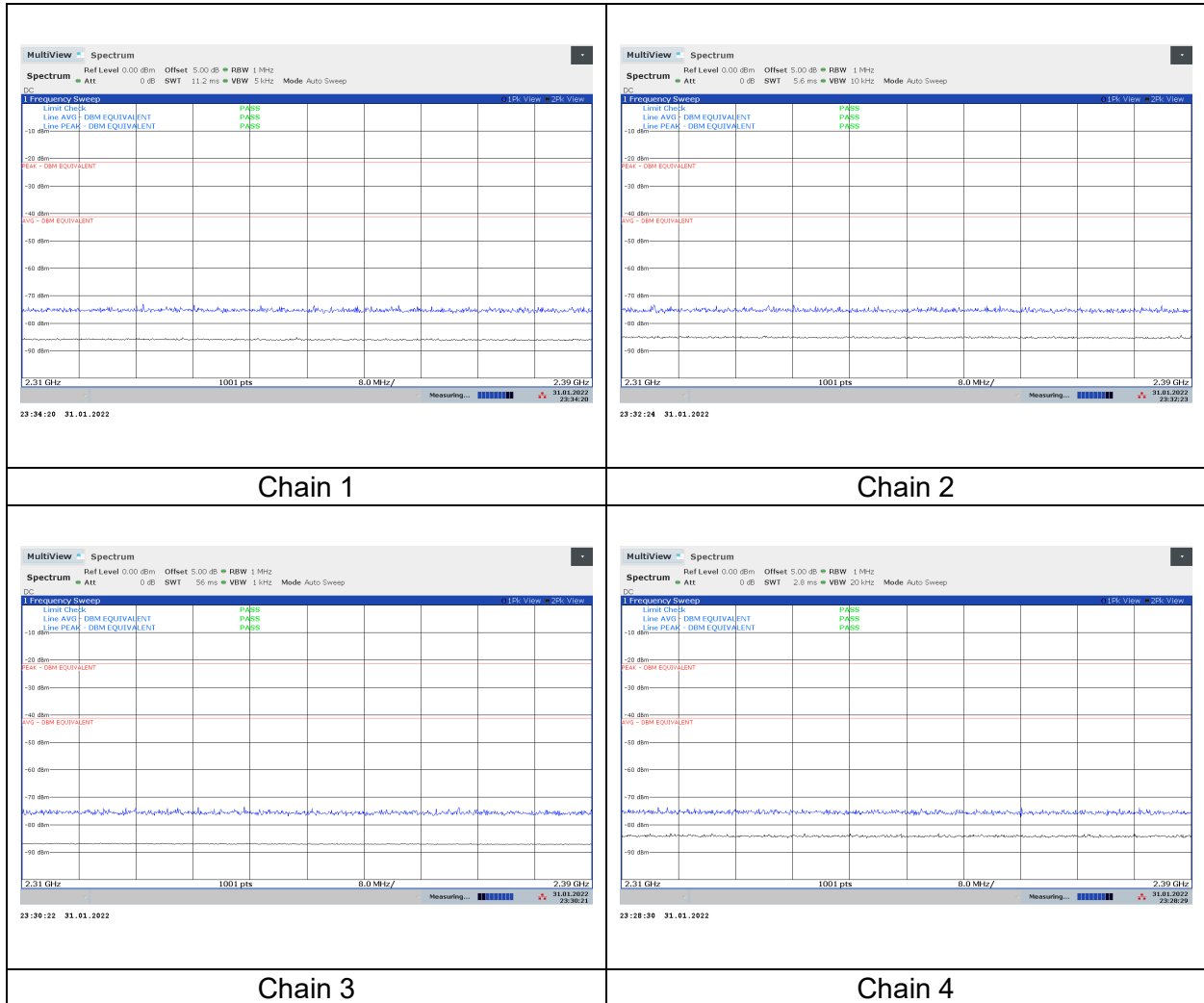


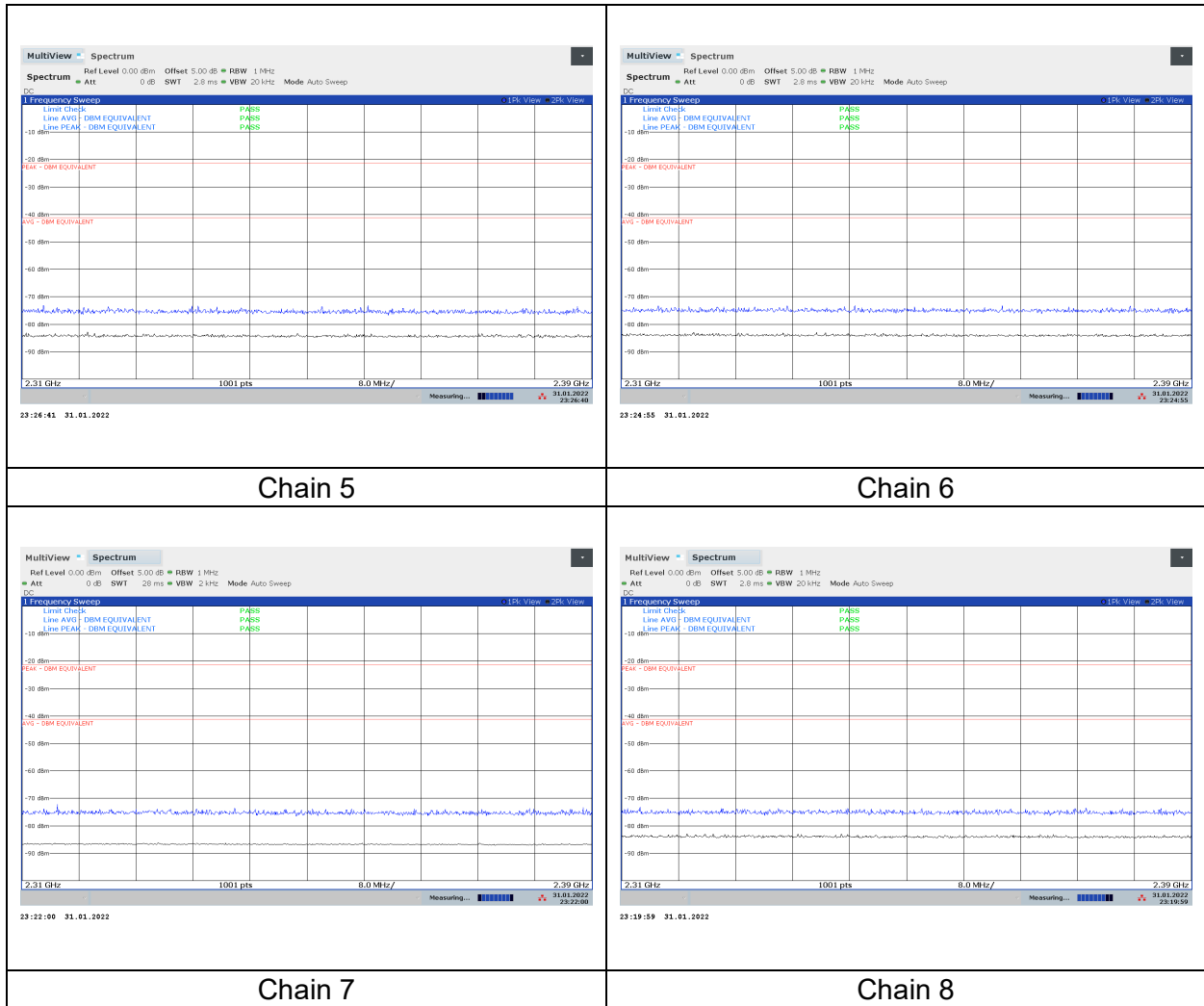
**Spurious Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain (dBi)	GRF (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	4.7	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)
551.38	-92.33	-92.30	-92.32	-92.33	-92.34	-92.33	-92.32	-92.32	-51.79	43.46	46	-2.54

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

## 11.4.1. LOW CHANNEL RESTRICTED BAND EDGE

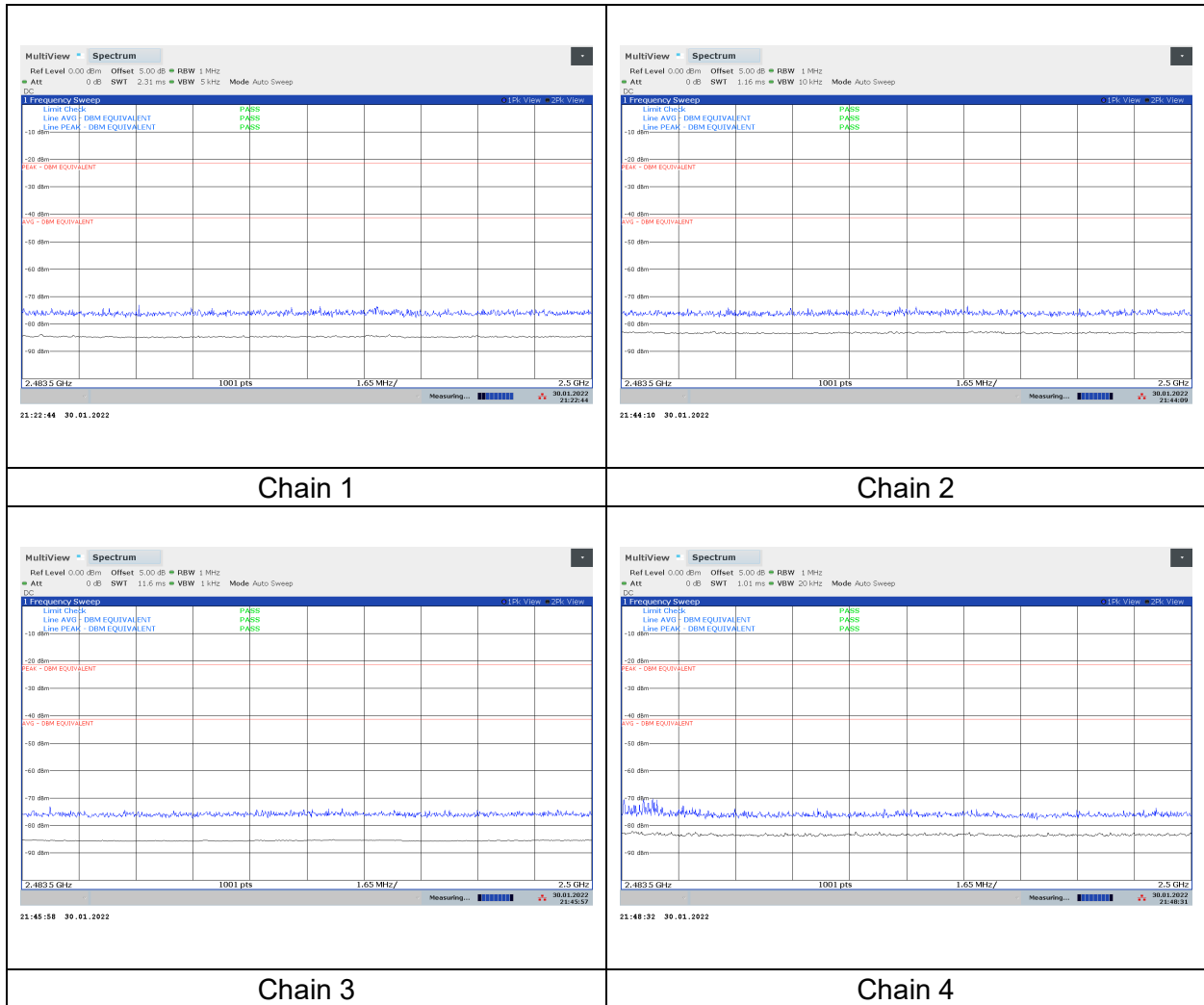


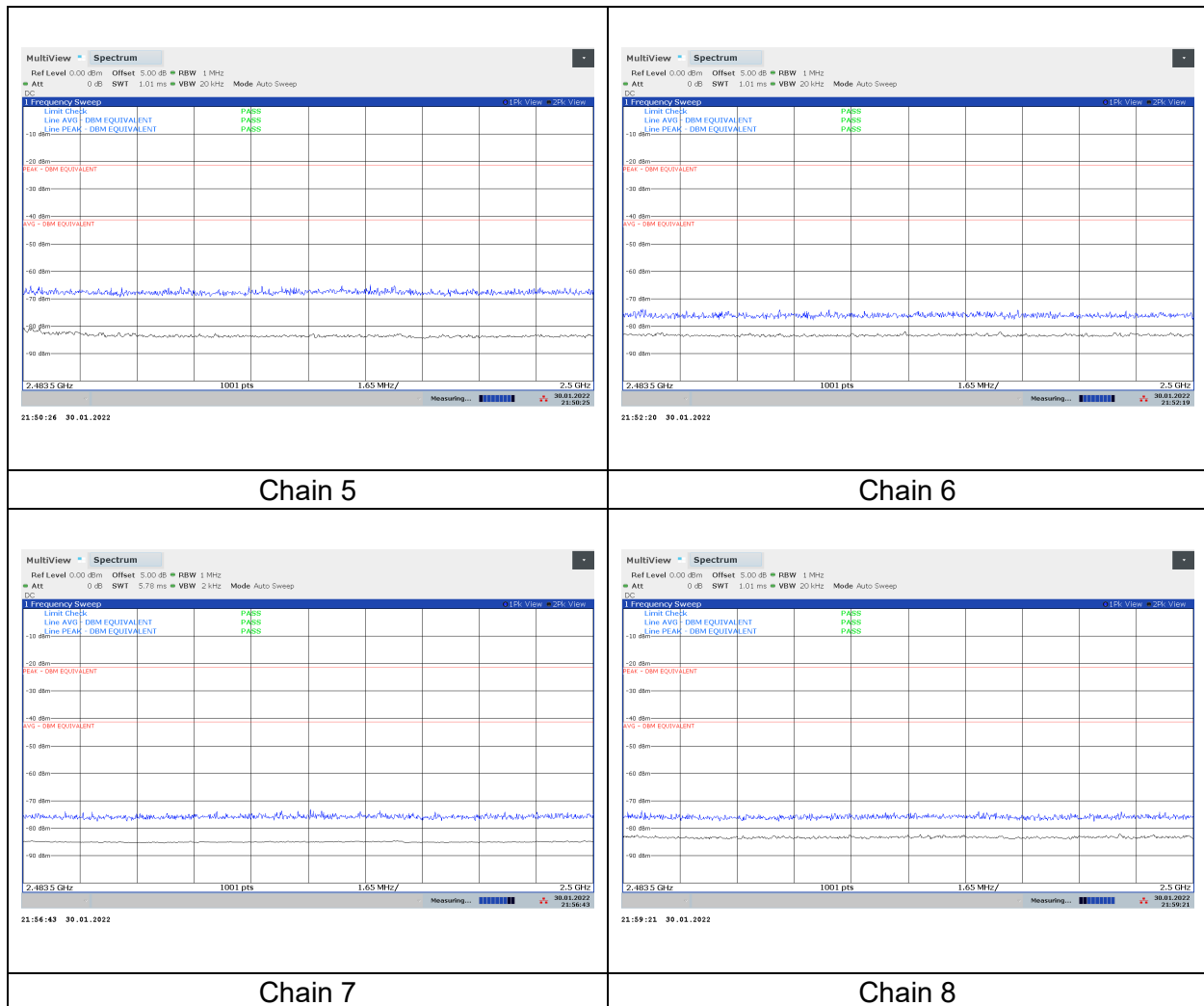


**Restricted Band (Low Channel) Tabular Summed Data, Worst-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
2.334	-73.39	-73.41	-75.13	-74.90	-75.30	-75.21	-76.19	-74.31	-38.804	56.45353	74	-17.55
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)
2.319	-85.85	-85.24	-86.98	-84.17	-82.79	-83.63	-86.79	-83.01	-48.71	46.55	54	-7.45

### 11.4.2. HIGH CHANNEL RESTRICTED BAND EDGE

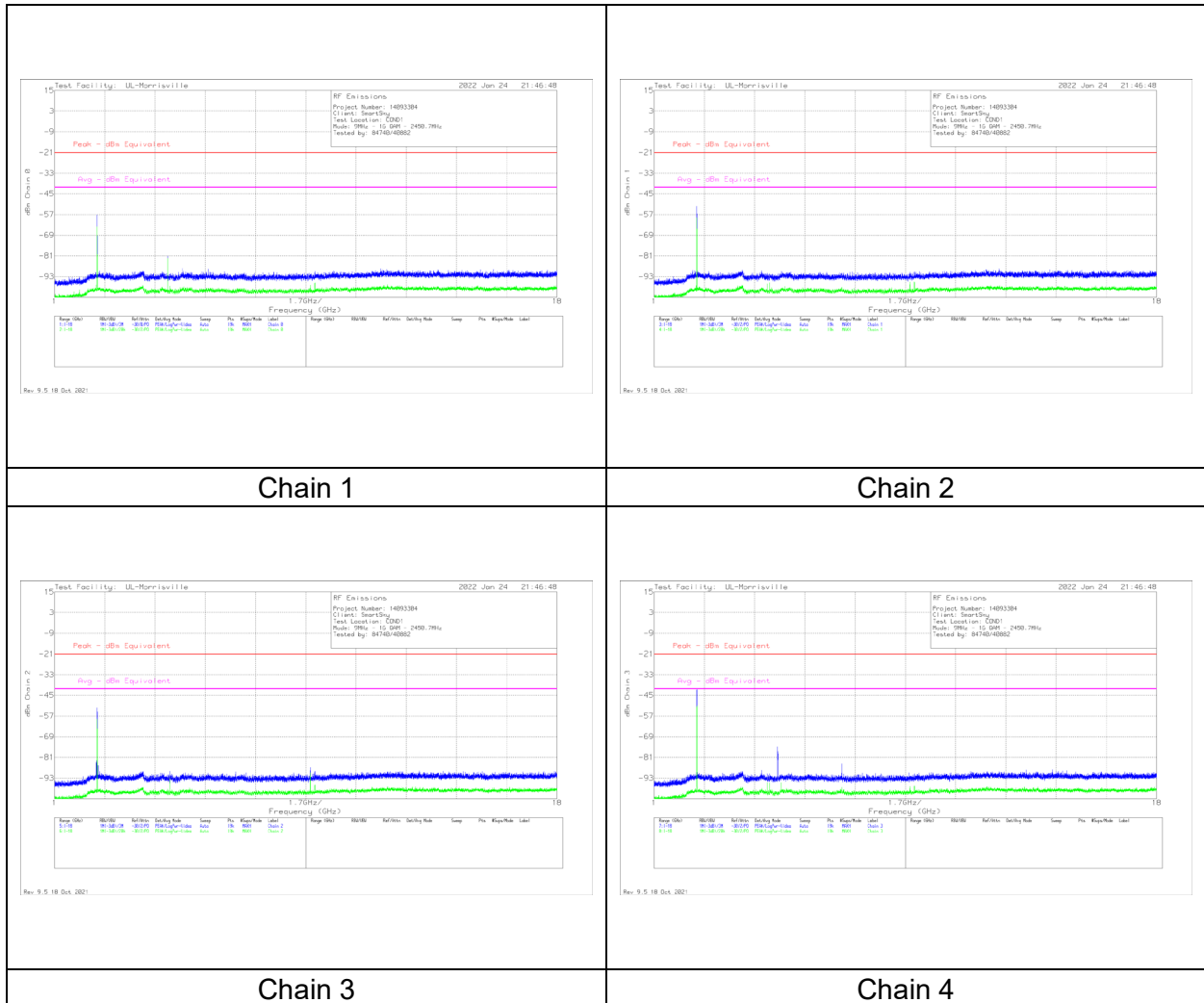


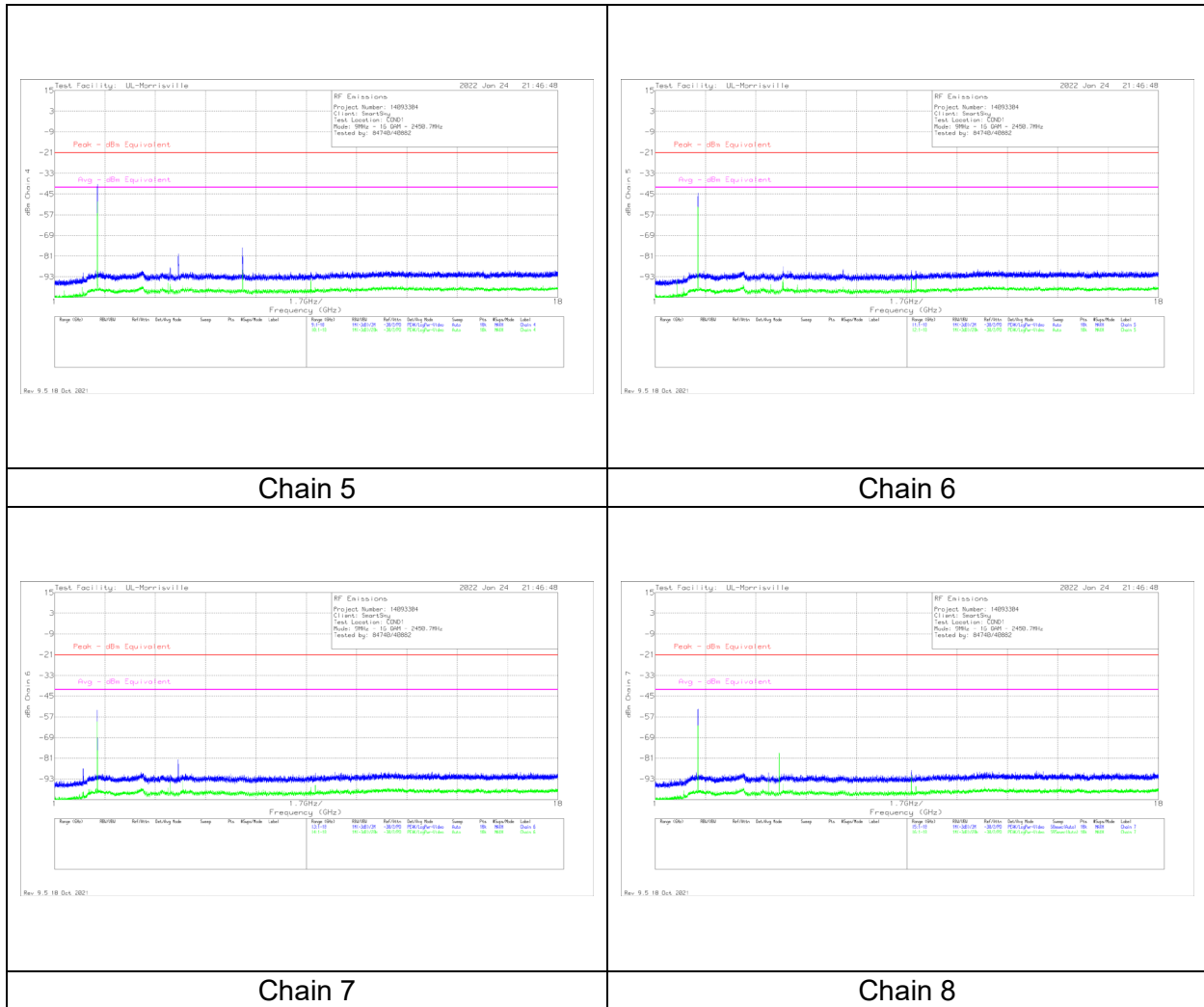


**Restricted Band (High Channel) Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
2.49355	-74.89	-75.77	-75.41	-76.37	-65.03	-75.24	-75.60	-75.71	-36.13	59.13	74	-14.87
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)
2.48353	-84.32	-83.00	-85.31	-82.88	-80.76	-82.78	-84.77	-83.00	-47.31	47.95	54	-6.05

### 11.4.3. LOW CHANNEL SPURIOUS: 1-18 GHz



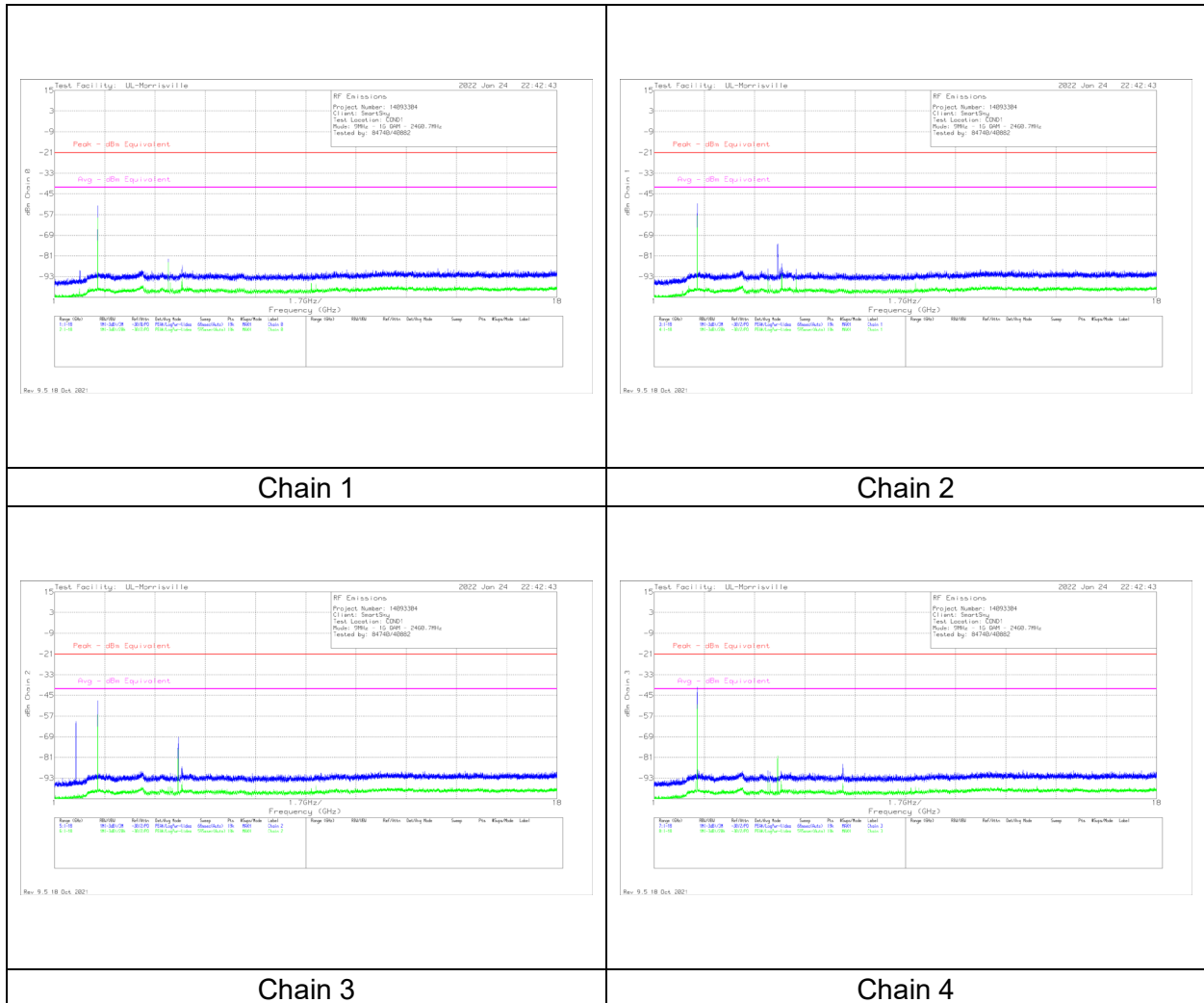


**Spurious Low Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
5.17	-94.7	-92.93	-94.31	-76.4	-81.73	-94.18	-81.81	-94.15	-47.38	47.88	74	-26.12
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)
5.19	-101.82	-101.74	-101.86	-101.38	-102.18	-102.32	-102.08	-77.92	-51.00	44.26	54	-9.74



### 11.4.4. MID CHANNEL SPURIOUS: 1-18 GHz

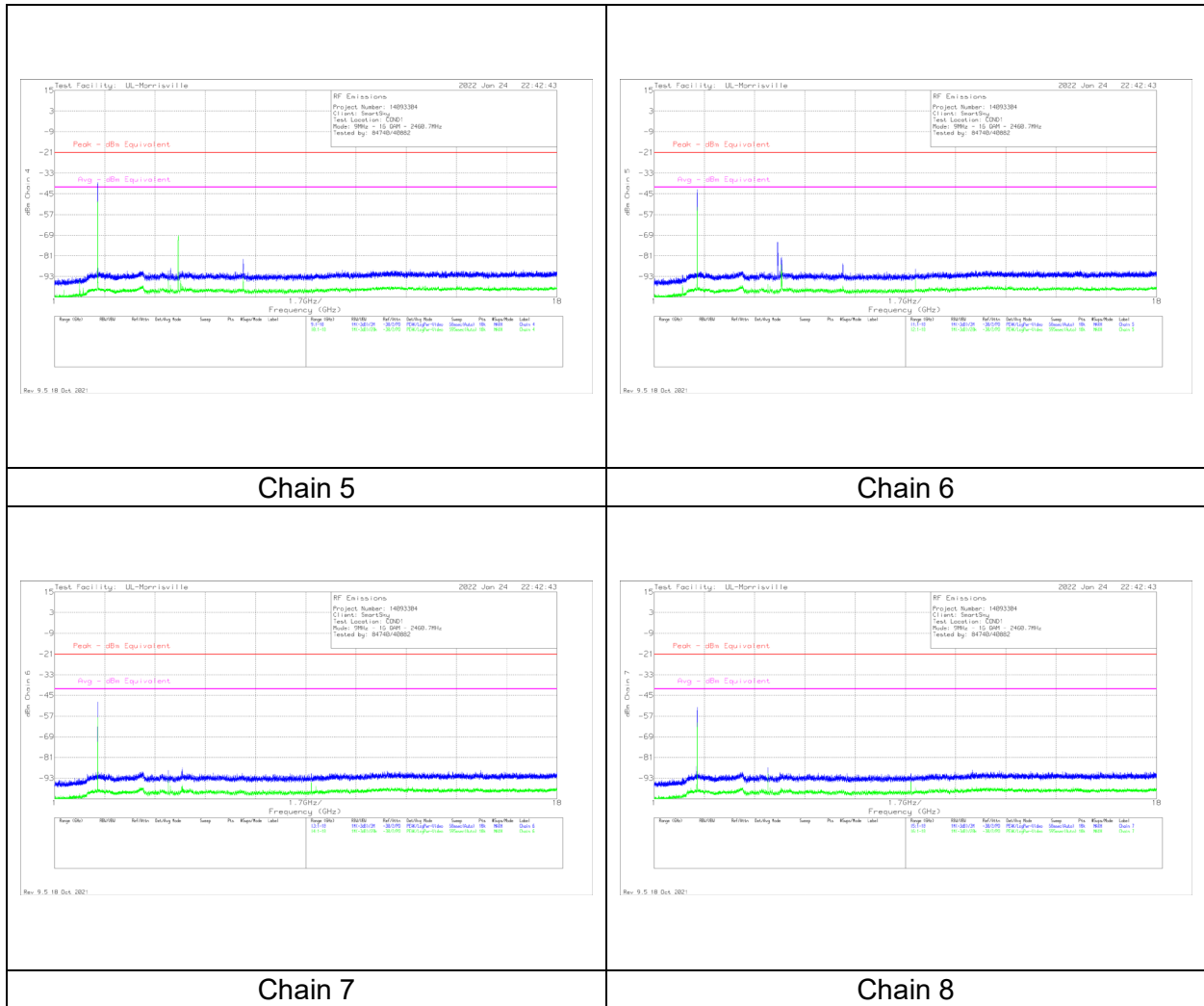


Chain 1

Chain 2

Chain 3

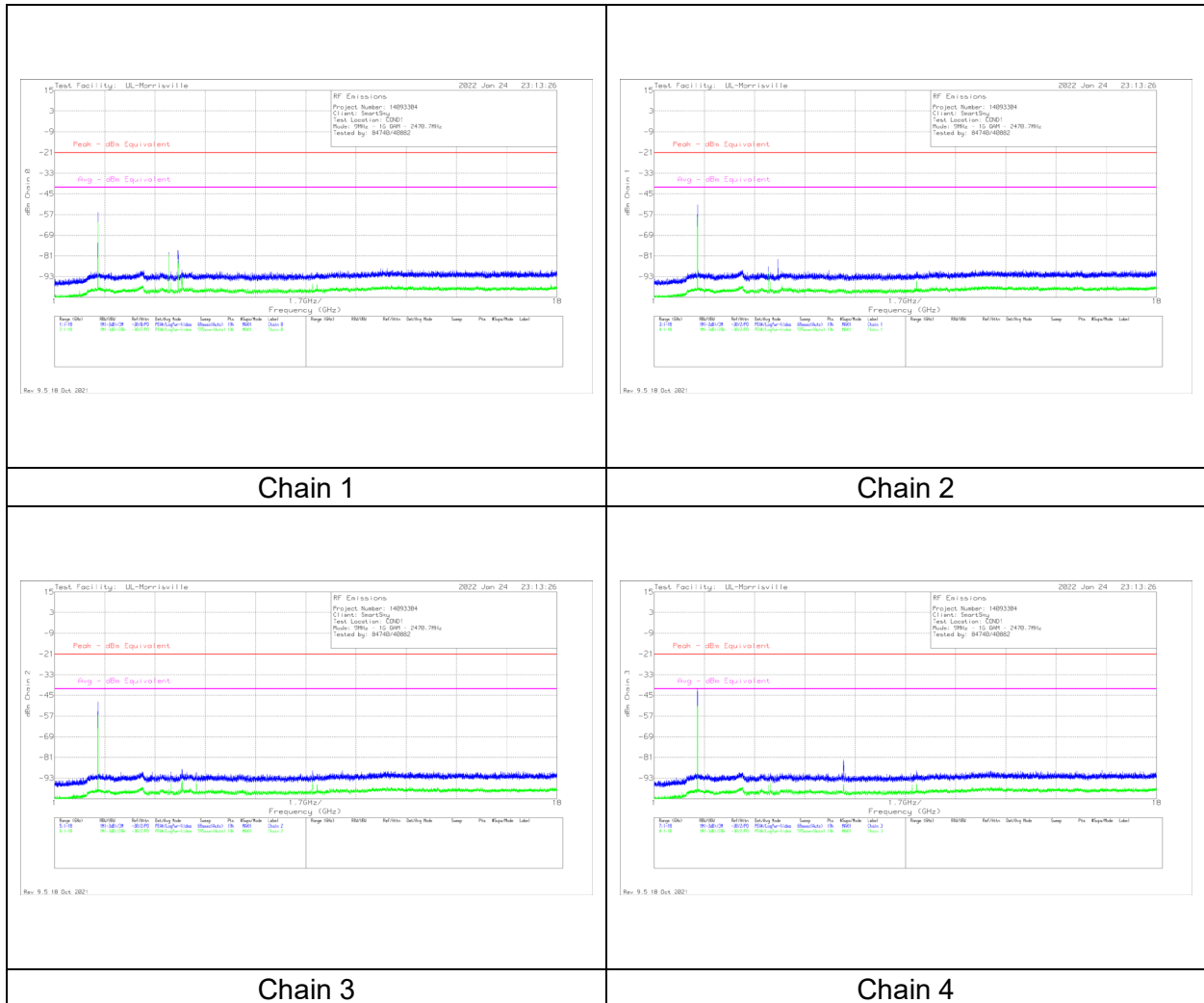
Chain 4



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

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
1.73	-96.12	-94.87	-60.13	-95.49	-95.48	-95.5	-96.26	-97.37	-33.32	61.94	74	-12.06
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)
5.19	-101.96	-102.17	-101.85	-102	-69.13	-102.2	-101.61	-102.74	-42.31	52.94	54	-1.06

### 11.4.5. HIGH CHANNEL SPURIOUS: 1-18 GHz

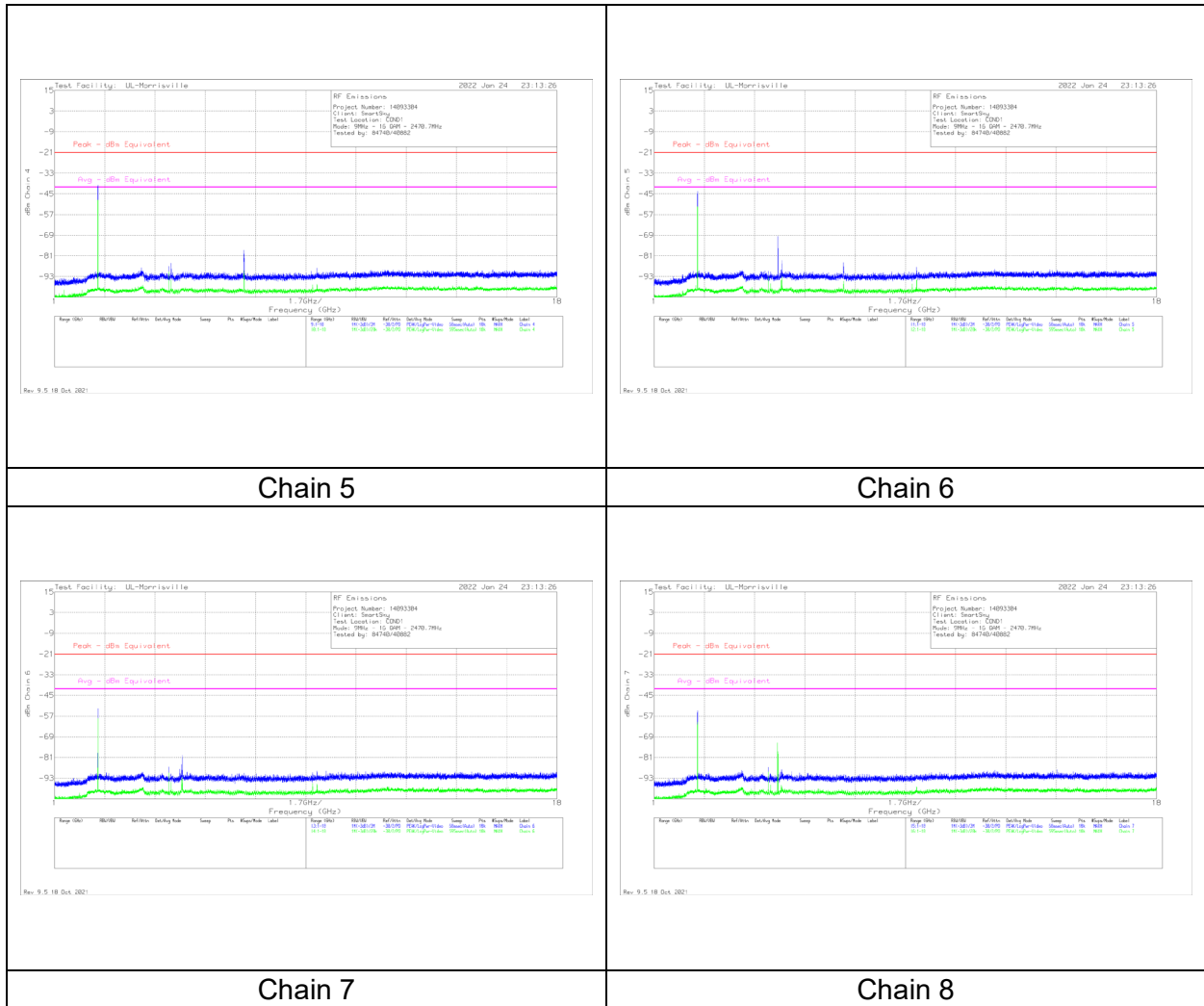


Chain 1

Chain 2

Chain 3

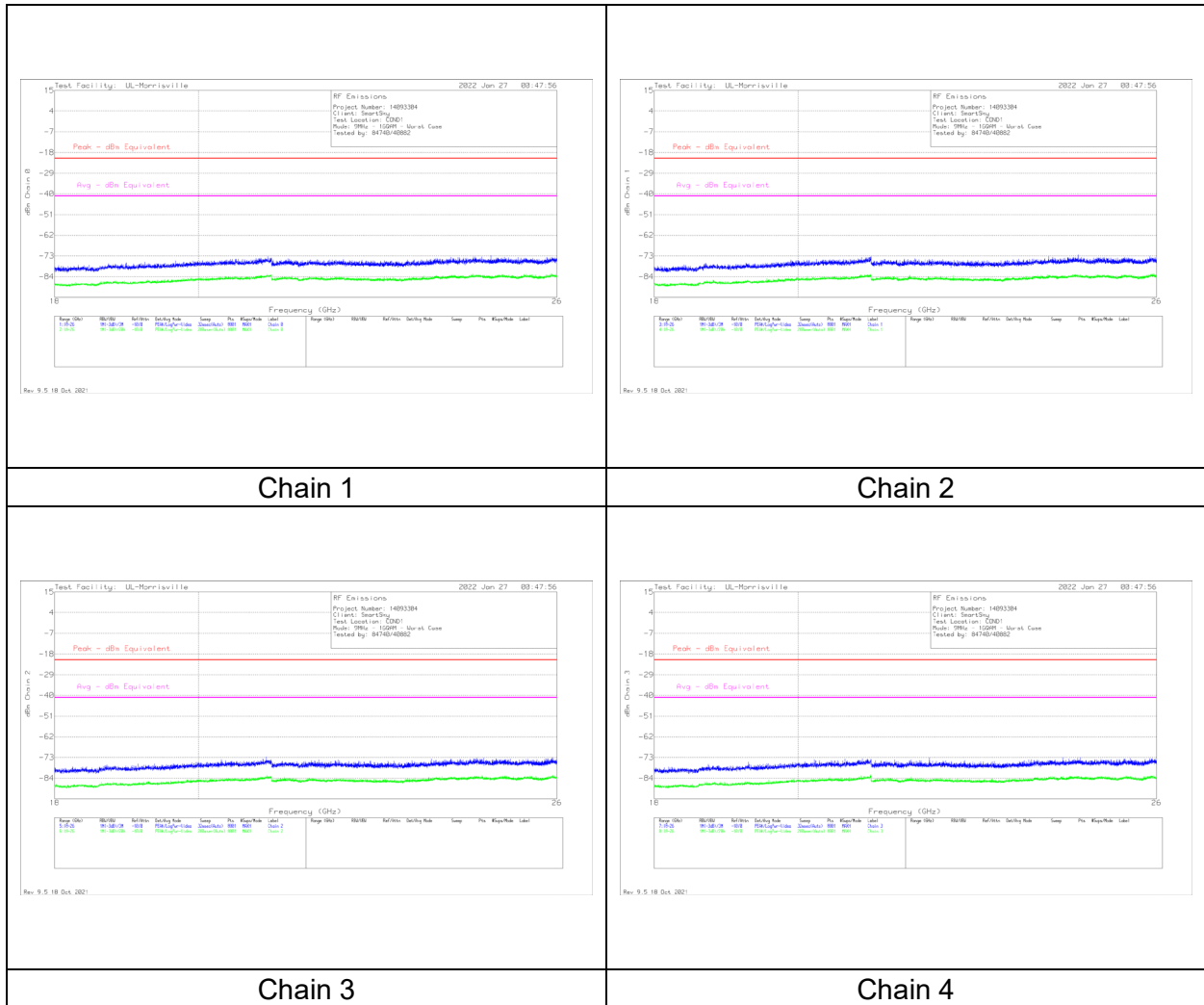
Chain 4



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

Chain	0	1	2	3	4	5	6	7		Declared Array Gain	GRB (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
5.18	-78.58	-88.63	-94.48	-94.87	-93.18	-69.65	-92.92	-93.93	-42.21	53.05	74	-20.95
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)
5.17	-82.77	-102.73	-102.13	-102.34	-103.43	-102.58	-102.56	-72.65	-45.42	49.83	54	-4.17

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

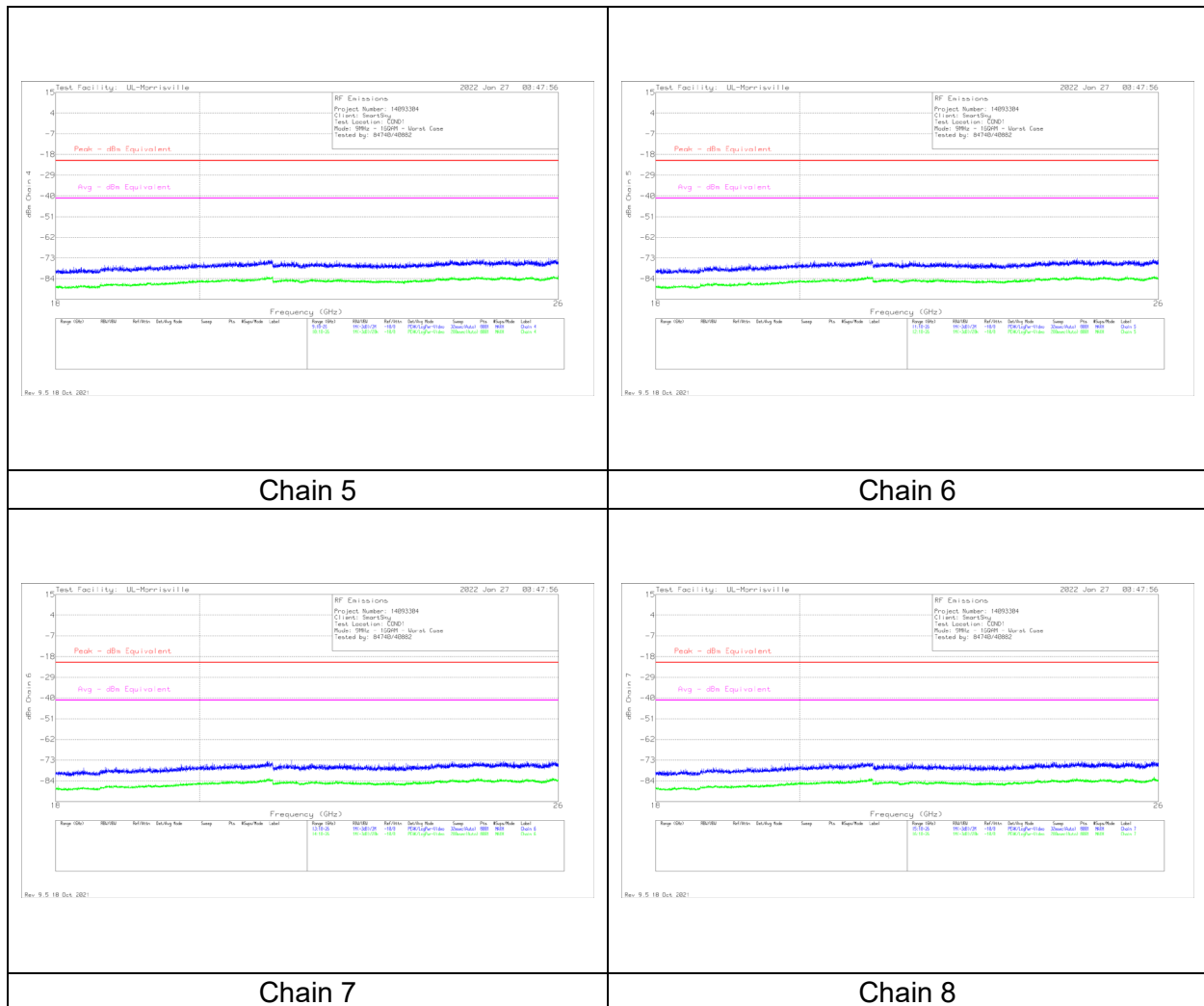


Chain 1

Chain 2

Chain 3

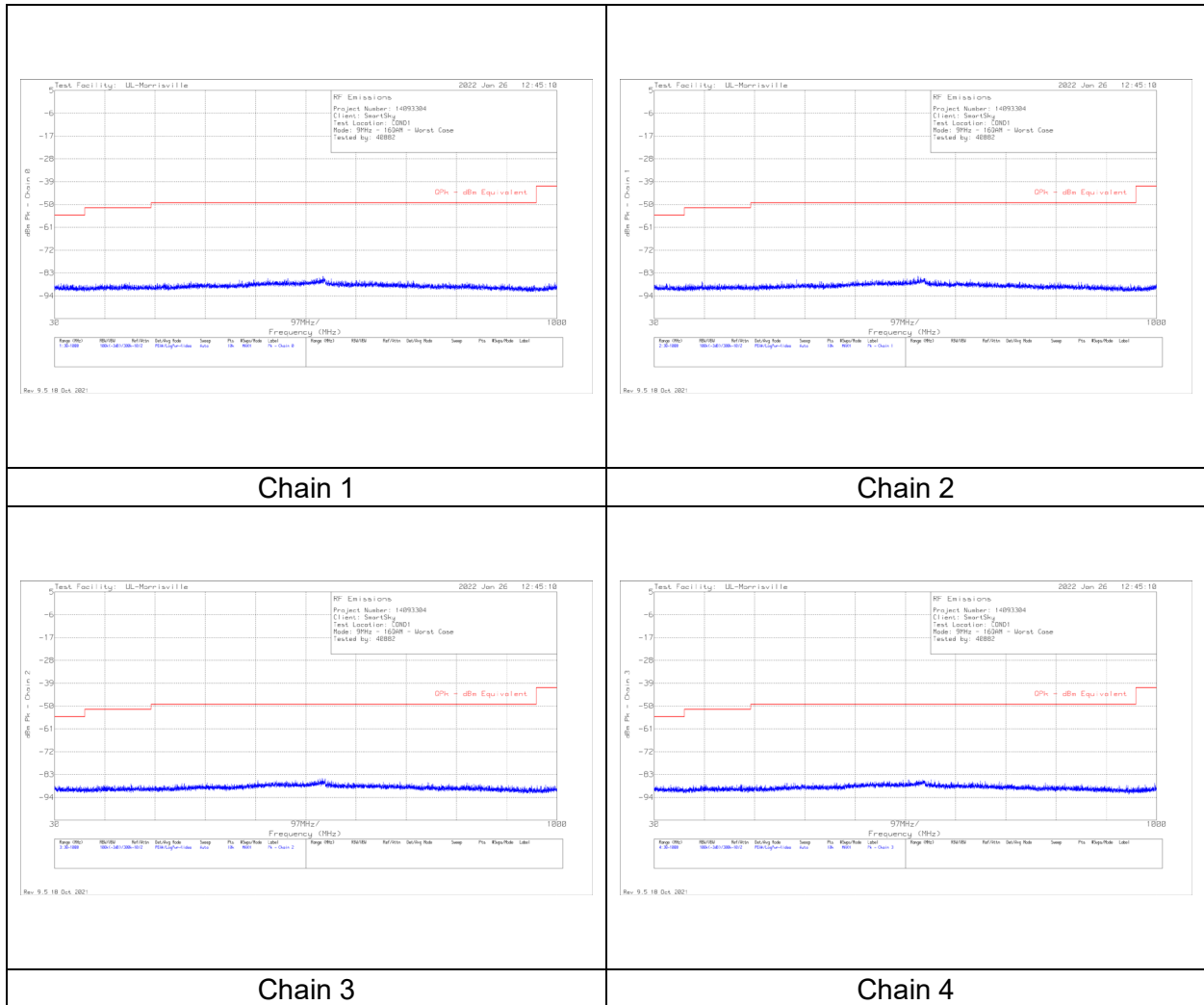
Chain 4

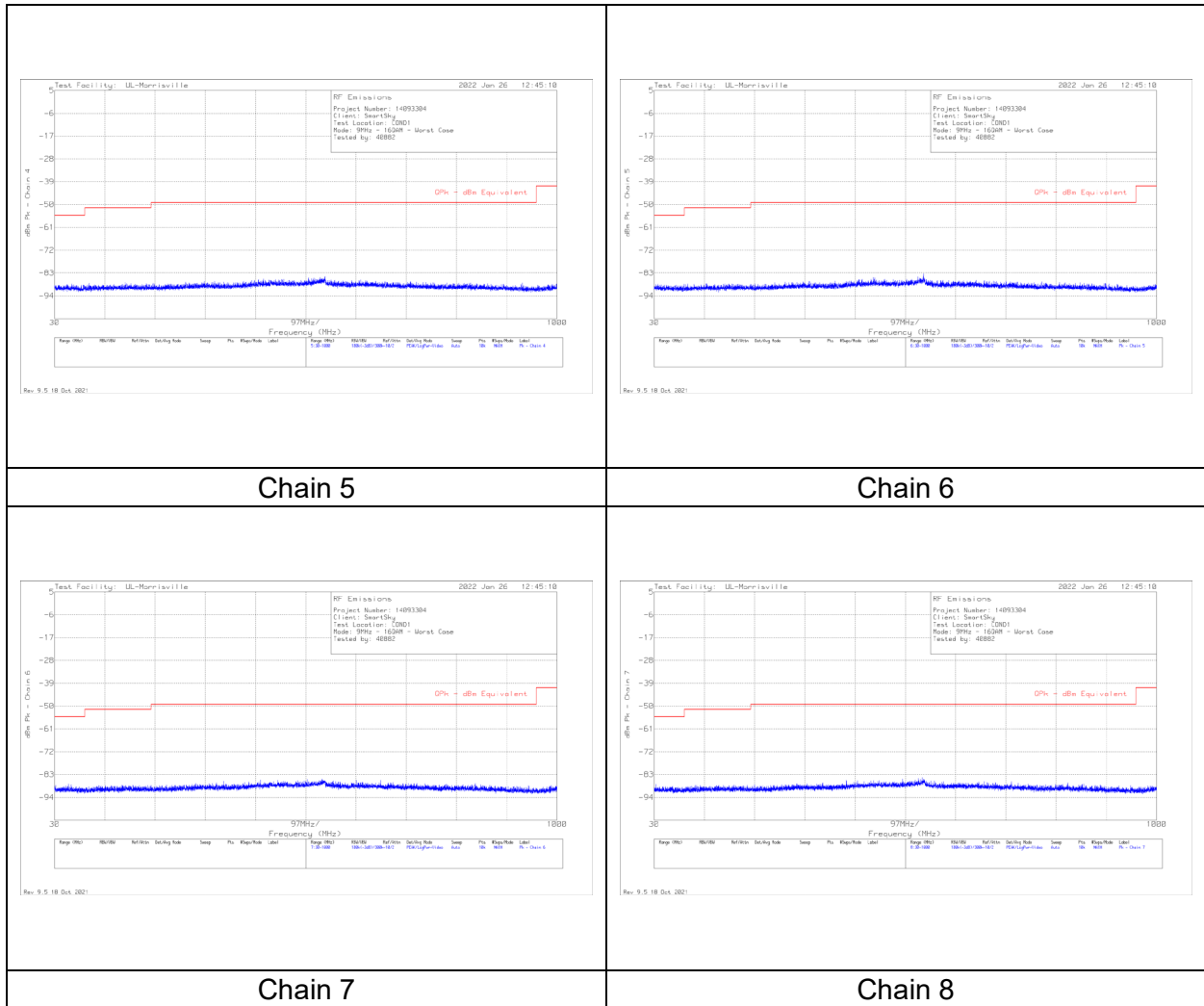


**Spurious High Channel Tabular Summed Data, Worse-case Frequency:**

Chain	0	1	2	3	4	5	6	7		Declared Array Gain (dBi)	GRF (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	0	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)
25.9	-73.87	-75.25	-75.1	-74.13	-75.02	-73.44	-74.12	-74.94	-38.61	56.65	74	-17.35
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)
25.917	-83.08	-83.58	-82.41	-83.58	-83.24	-83.33	-83.59	-82.11	-47.25	48.01	54	-5.99

### 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		Declared Array Gain (dBi)	GRF (dB)	Meas. Dist (m)
Gain (dBi)	0	0	0	0	0	0	0	0		26.8	4.7	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)
549.92	-92.02	-92.03	-92.05	-92.02	-92.02	-92.01	-92.01	-92.04	-51.49	43.76	46	-2.24