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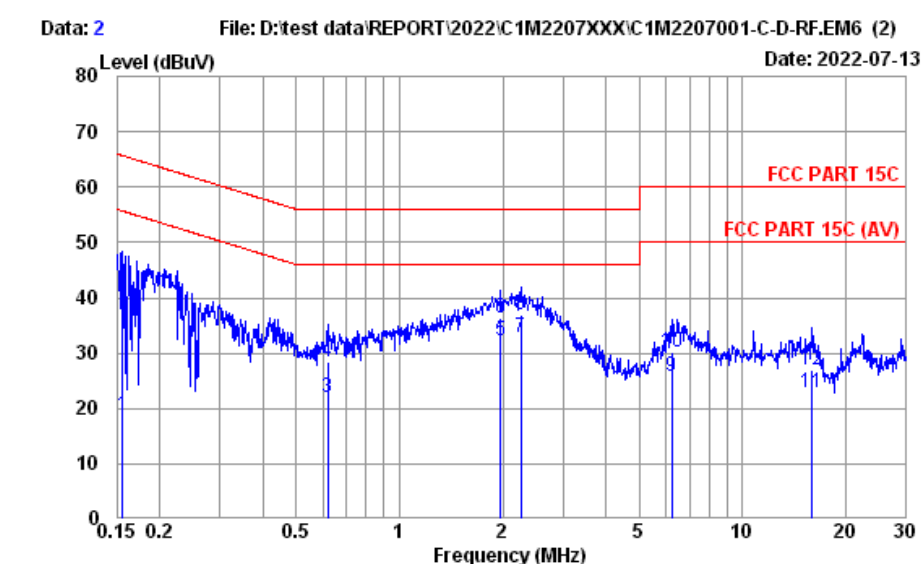
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A.1 CONDUCTED EMISSION

Test Date	2022/07/13	Temp./Hum.	26°C/47%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu

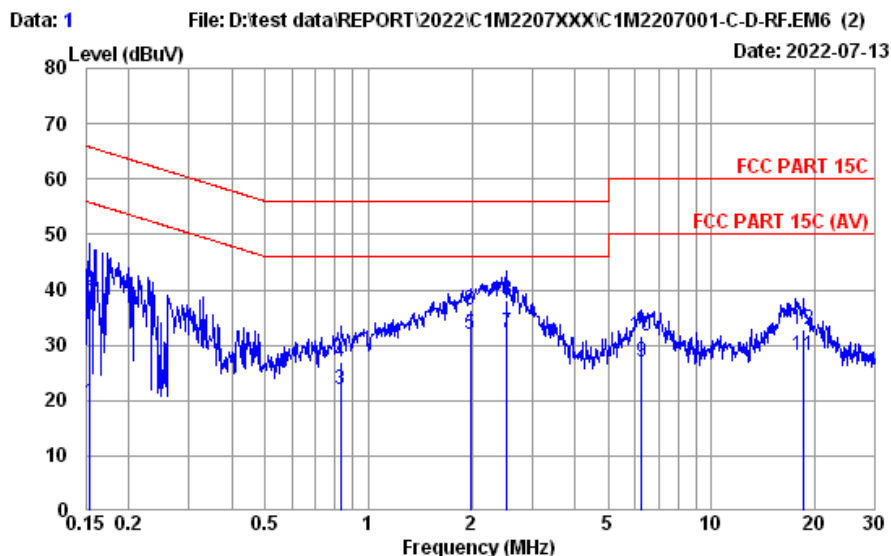


Site No. : No.8 Shielded Room Data No. : 2
Instrument 1 : Receiver ESR3(774)
Instrument 2 : EHV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C Phase : NEUTRAL
Environment : 26°C / 47% Engineer : Roy Hung
EUT Model : 14ZB90Q Test Rating : 120Vac/60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.156	10.34	0.03	9.85	-1.32	18.90	55.69	36.79	Average
2	0.156	10.34	0.03	9.85	19.98	40.20	65.69	25.49	QP
3	0.617	10.33	0.03	9.85	1.82	22.03	46.00	23.97	Average
4	0.617	10.33	0.03	9.85	8.08	28.29	56.00	27.71	QP
5	1.970	10.36	0.06	9.86	11.97	32.25	46.00	13.75	Average
6	1.970	10.36	0.06	9.86	16.11	36.39	56.00	19.61	QP
7	2.261	10.37	0.07	9.86	12.47	32.77	46.00	13.23	Average
8	2.261	10.37	0.07	9.86	16.68	36.98	56.00	19.02	QP
9	6.219	10.51	0.11	9.87	5.21	25.70	50.00	24.30	Average
10	6.219	10.51	0.11	9.87	9.79	30.28	60.00	29.72	QP
11	15.970	10.91	0.17	9.92	1.92	22.92	50.00	27.08	Average
12	15.970	10.91	0.17	9.92	6.11	27.11	60.00	32.89	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

Test Date	2022/07/13	Temp./Hum.	26°C/47%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu



Site No. : No.8 Shielded Room Data No. : 1
Instrument 1 : Receiver ESR3(774)
Instrument 2 : ENH432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C Phase : LINE
Environment : 26°C / 47% Engineer : Roy Hung
EUT Model : 14ZB90Q Test Rating : 120Vac/60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.154	10.22	0.03	9.85	-0.50	19.60	55.78	36.18	Average
2	0.154	10.22	0.03	9.85	19.79	39.89	65.78	25.89	QP
3	0.830	10.23	0.04	9.85	1.98	22.10	46.00	23.90	Average
4	0.830	10.23	0.04	9.85	6.77	26.89	56.00	29.11	QP
5	1.980	10.25	0.06	9.86	11.75	31.92	46.00	14.08	Average
6	1.980	10.25	0.06	9.86	16.26	36.43	56.00	19.57	QP
7	2.527	10.26	0.07	9.86	11.98	32.17	46.00	13.83	Average
8	2.527	10.26	0.07	9.86	17.92	38.11	56.00	17.89	QP
9	6.252	10.35	0.11	9.87	6.68	27.01	50.00	22.99	Average
10	6.252	10.35	0.11	9.87	11.31	31.64	60.00	28.36	QP
11	18.622	10.62	0.18	9.93	7.53	28.26	50.00	21.74	Average
12	18.622	10.62	0.18	9.93	12.17	32.90	60.00	27.10	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

A.2 RADIATED EMISSION

Test Date	2022/07/15 ~ 20	Temp./Hum.	24 ~ 25°C/59 ~ 61%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Martin Chen

A.2.1 Emissions within Restricted Frequency Bands

A.2.1.1 Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.

A.2.1.2 Frequency Below 1GHz

Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
32.910	22.52	1.48	26.48	29.98	27.50	40.00	12.50	Peak
110.510	17.33	2.74	26.21	33.45	27.31	43.50	16.19	Peak
222.060	16.56	3.96	25.74	41.37	36.15	46.00	9.85	Peak
540.220	23.61	6.90	27.24	30.76	34.03	46.00	11.97	Peak
967.990	26.88	9.13	26.75	28.92	38.18	54.00	15.82	Peak
996.120	27.10	9.27	26.66	28.95	38.66	54.00	15.34	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.820	21.22	1.55	26.48	41.37	37.66	40.00	2.34	Peak
191.990	15.05	3.62	25.82	42.77	35.62	43.50	7.88	Peak
323.910	19.70	5.02	25.82	31.41	30.31	46.00	15.69	Peak
428.670	21.92	6.18	26.65	32.05	33.50	46.00	12.50	Peak
540.220	23.61	6.90	27.24	30.74	34.01	46.00	11.99	Peak
980.600	26.96	9.18	26.72	28.23	37.65	54.00	16.35	Peak

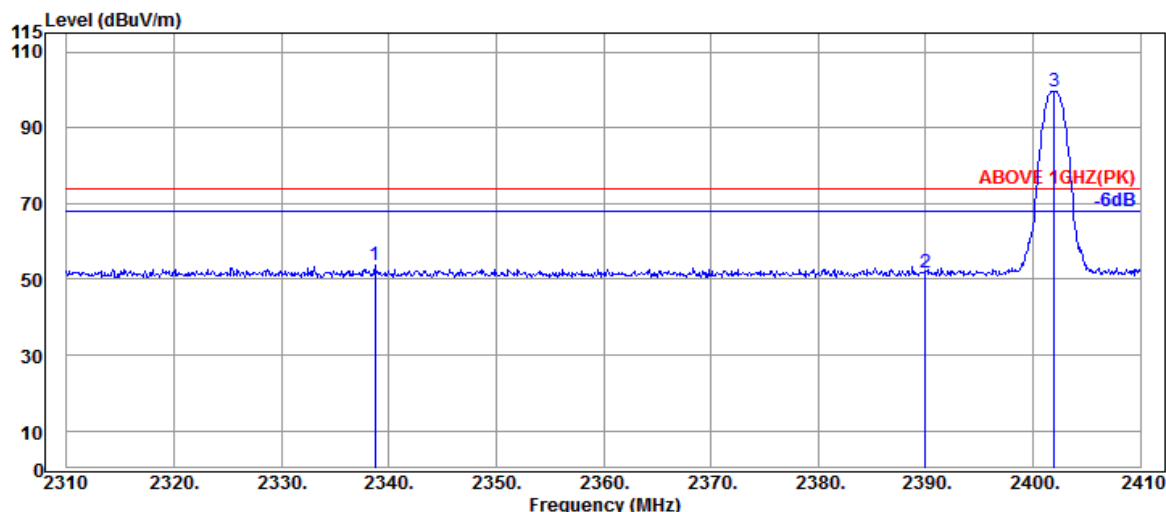
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A.2.1.3 Frequency Above 1 GHz to 10th harmonics

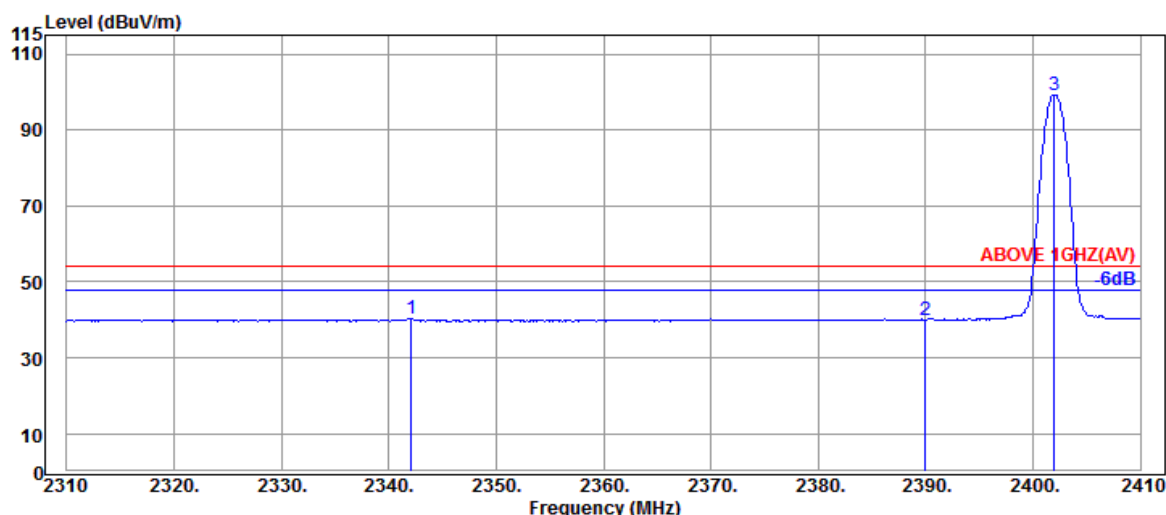
Band Edge:

Mode	GFSK	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2338.700	28.40	5.64	39.94	59.52	53.62	74.00	20.38	Peak
2390.000	28.21	5.72	39.93	57.70	51.70	74.00	22.30	Peak
@ 2402.000	28.10	5.74	39.93	105.59	99.50	---	---	Peak

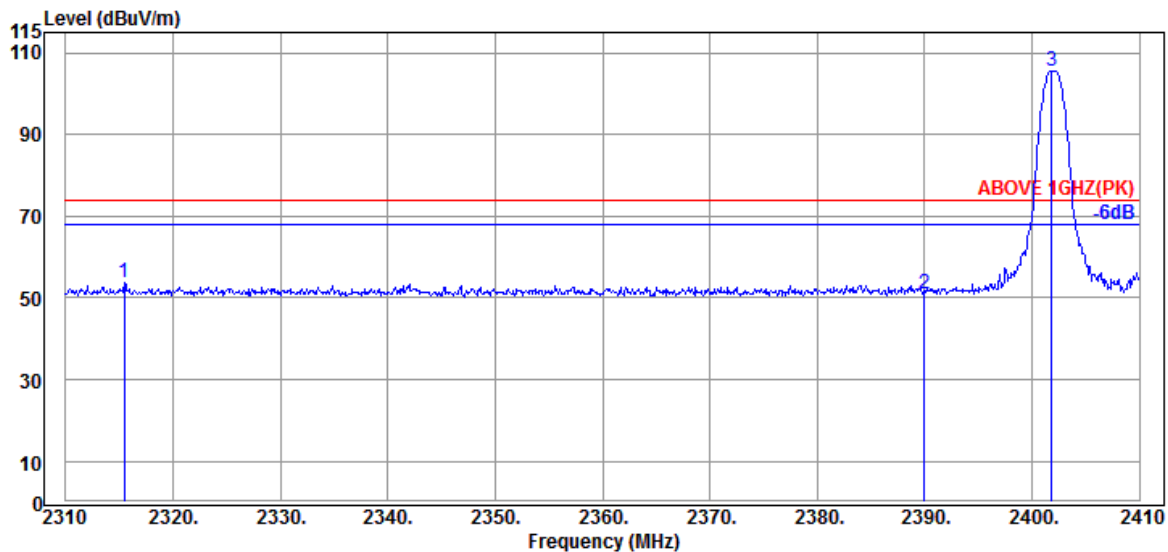


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2342.100	28.40	5.64	39.93	46.24	40.35	54.00	13.65	Average
2390.000	28.21	5.72	39.93	46.05	40.05	54.00	13.95	Average
@ 2402.000	28.10	5.74	39.93	105.45	99.36	---	---	Average

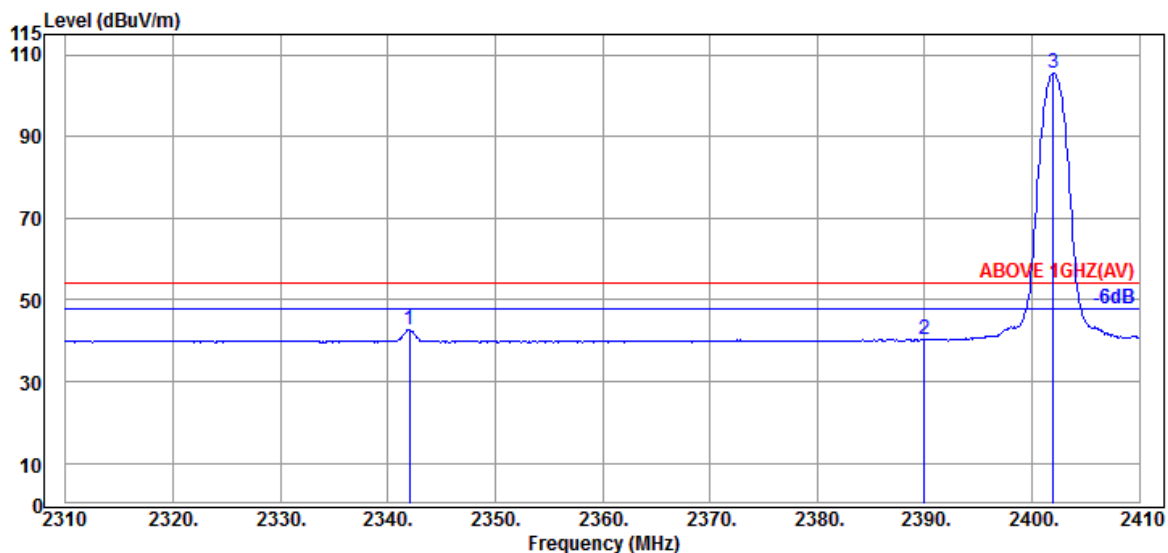
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	GFSK	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2315.500	28.20	5.60	39.94	59.75	53.61	74.00	20.39	Peak
2390.000	28.21	5.72	39.93	57.05	51.05	74.00	22.95	Peak
@ 2401.800	28.10	5.74	39.93	111.72	105.63	---	---	Peak



Antenna at Vertical Polarization

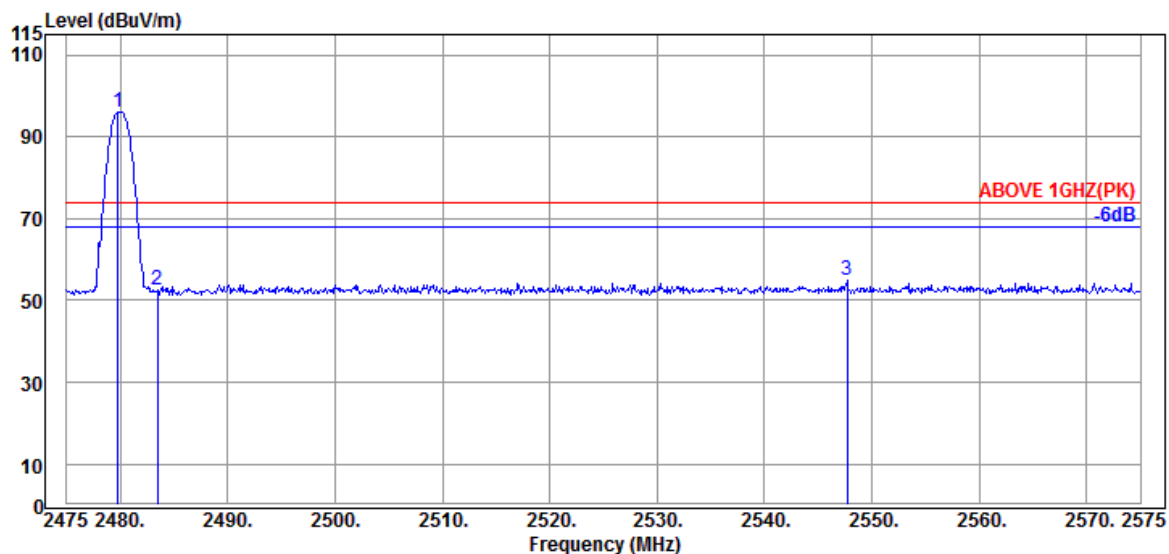
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2342.000	28.40	5.64	39.93	48.69	42.80	54.00	11.20	Average
2390.000	28.21	5.72	39.93	46.17	40.17	54.00	13.83	Average
@ 2402.000	28.10	5.74	39.93	111.54	105.45	---	---	Average

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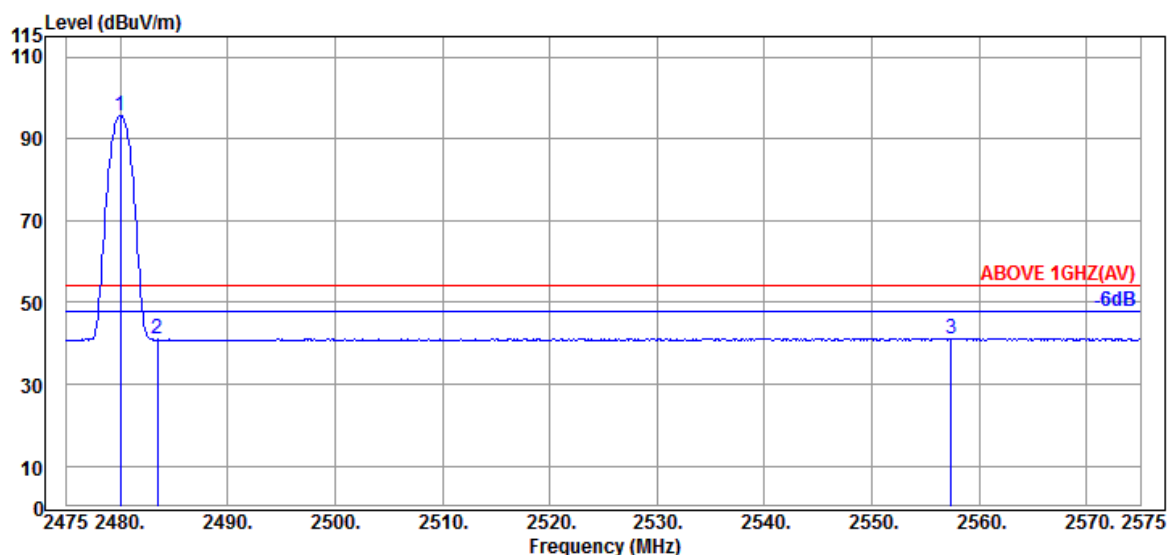
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.800	28.46	5.86	39.92	101.51	95.91	---	---	Peak
2483.500	28.47	5.87	39.92	57.94	52.36	74.00	21.64	Peak
2547.700	28.80	6.01	39.93	59.94	54.82	74.00	19.18	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.000	28.46	5.86	39.92	101.32	95.72	---	---	Average
2483.500	28.47	5.87	39.92	46.53	40.95	54.00	13.05	Average
2557.400	28.81	6.03	39.94	46.34	41.24	54.00	12.76	Average

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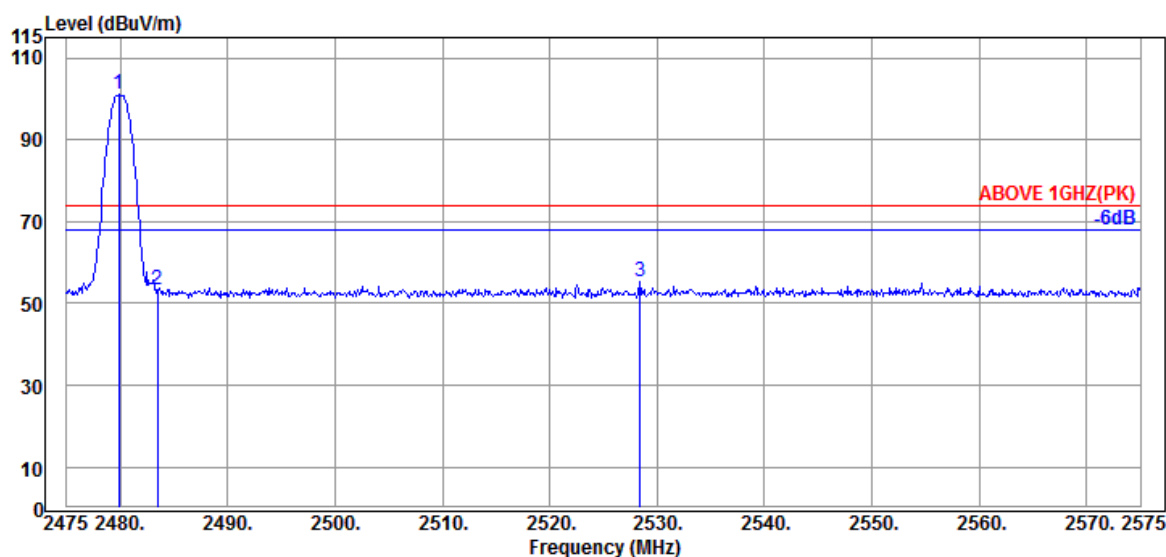
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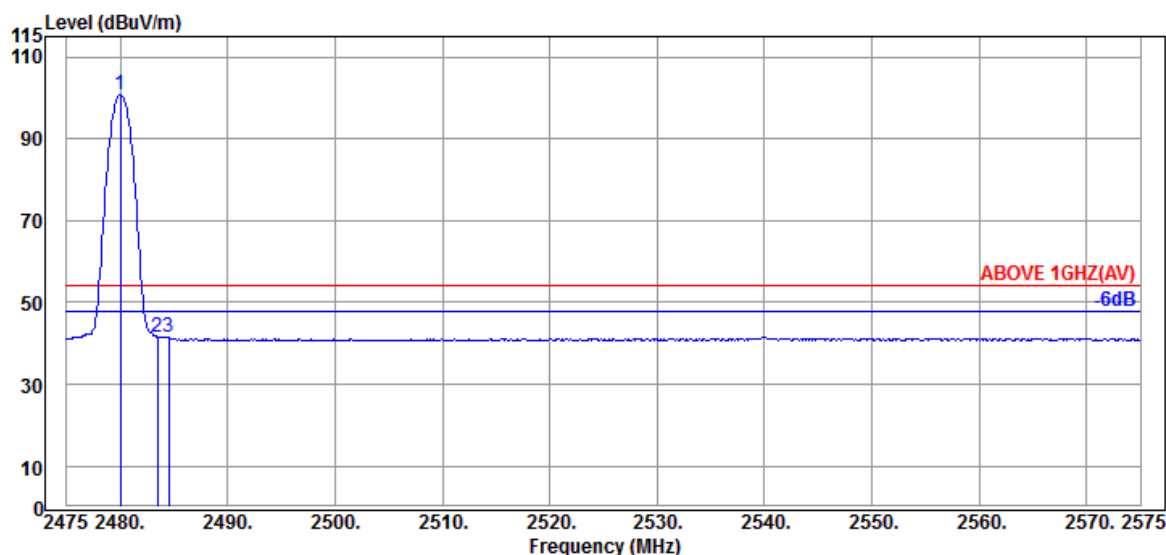
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2479.900	28.46	5.86	39.92	106.57	100.97	---	---	Peak
2483.500	28.47	5.87	39.92	58.82	53.24	74.00	20.76	Peak
2528.400	28.67	5.96	39.93	60.51	55.21	74.00	18.79	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2480.000	28.46	5.86	39.92	106.37	100.77	---	---	Average
2483.500	28.47	5.87	39.92	47.23	41.65	54.00	12.35	Average
2484.500	28.47	5.87	39.92	47.04	41.46	54.00	12.54	Average

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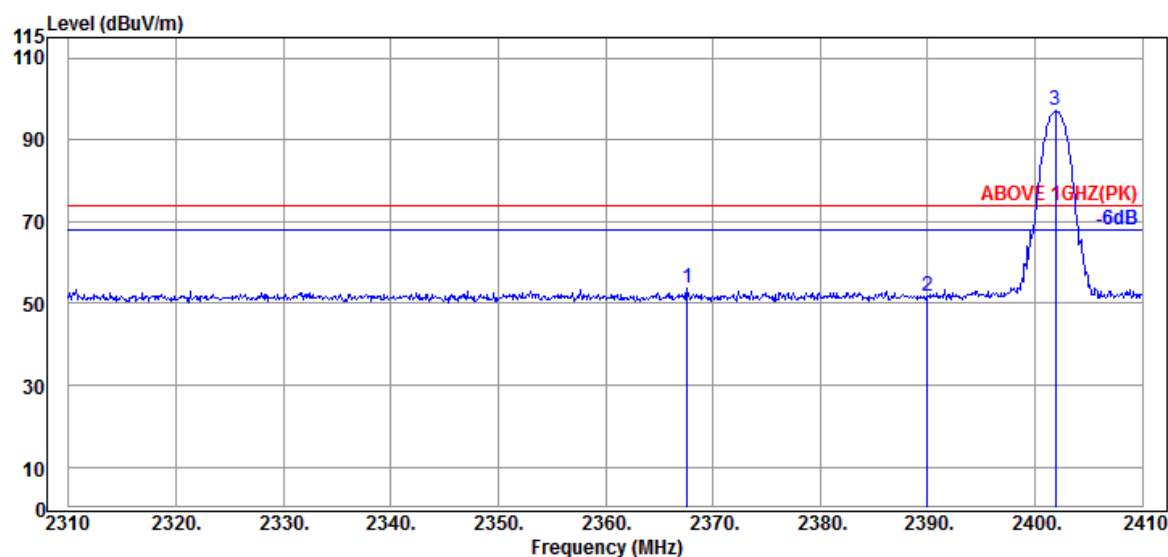
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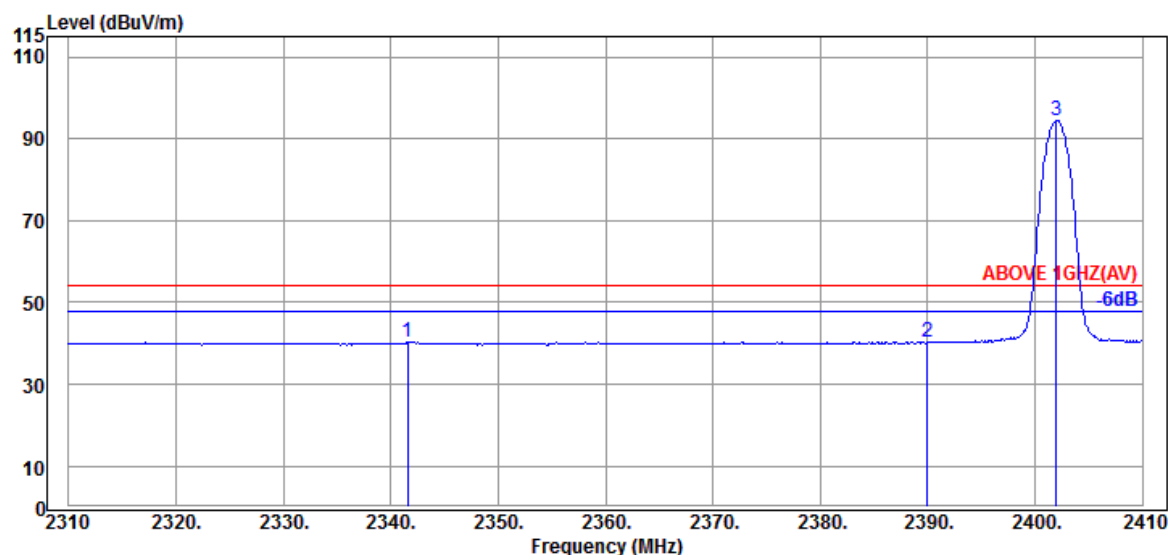
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Mode	8-DPSK	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2367.600	28.39	5.69	39.93	59.43	53.58	74.00	20.42	Peak
2390.000	28.21	5.72	39.93	57.62	51.62	74.00	22.38	Peak
@ 2401.900	28.10	5.74	39.93	103.14	97.05	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2341.600	28.40	5.64	39.93	46.30	40.41	54.00	13.59	Average
2390.000	28.21	5.72	39.93	46.14	40.14	54.00	13.86	Average
@ 2402.000	28.10	5.74	39.93	100.57	94.48	---	---	Average

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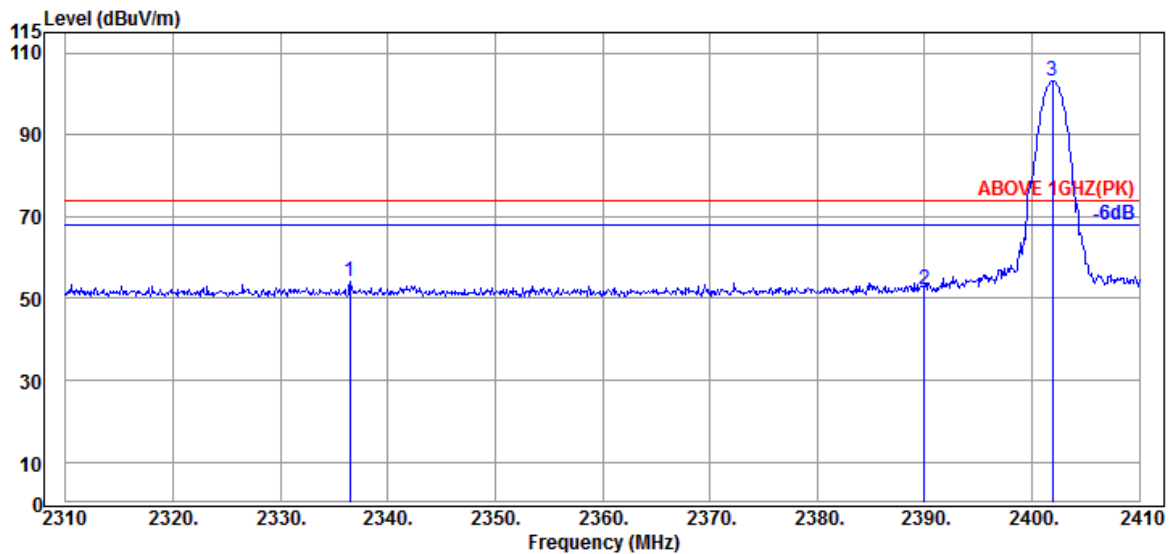
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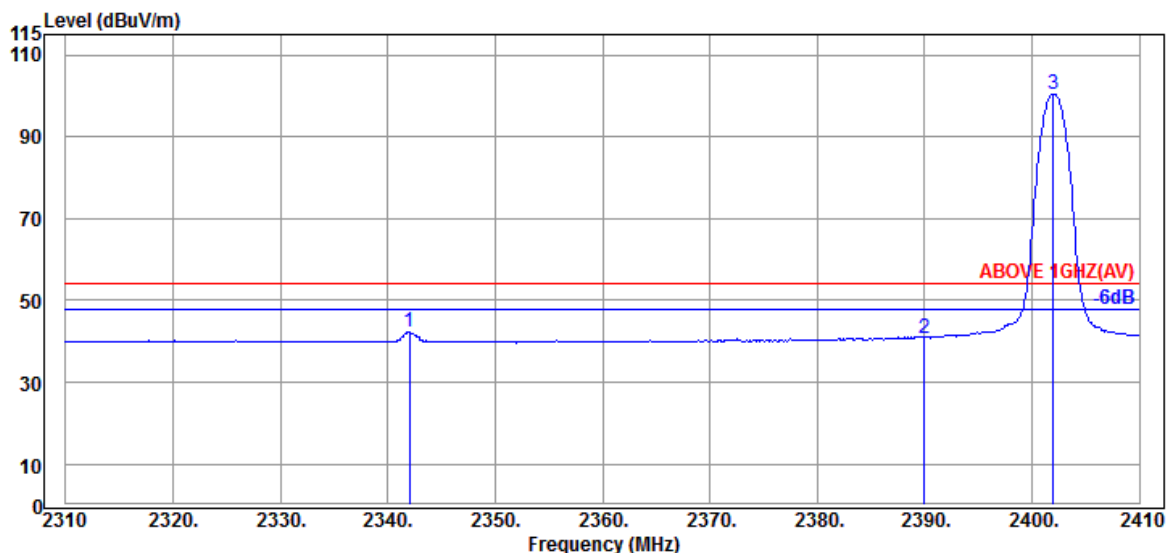
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Mode	8-DPSK	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2336.500	28.40	5.64	39.94	59.94	54.04	74.00	19.96	Peak
2390.000	28.21	5.72	39.93	58.06	52.06	74.00	21.94	Peak
@ 2401.900	28.10	5.74	39.93	109.28	103.19	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2342.000	28.40	5.64	39.93	48.21	42.32	54.00	11.68	Average
2390.000	28.21	5.72	39.93	46.86	40.86	54.00	13.14	Average
@ 2402.000	28.10	5.74	39.93	106.62	100.53	---	---	Average

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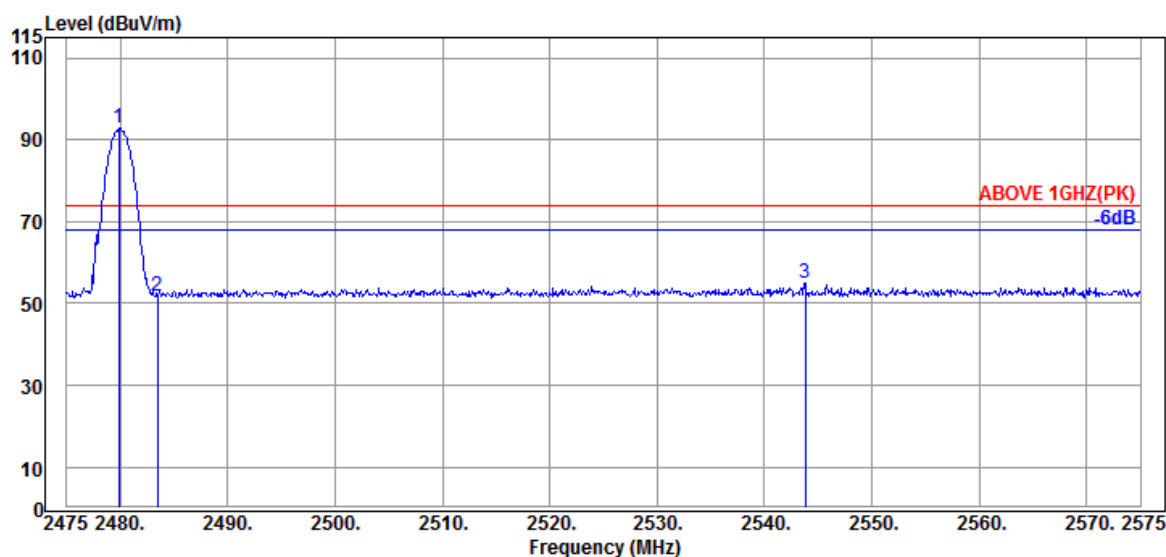
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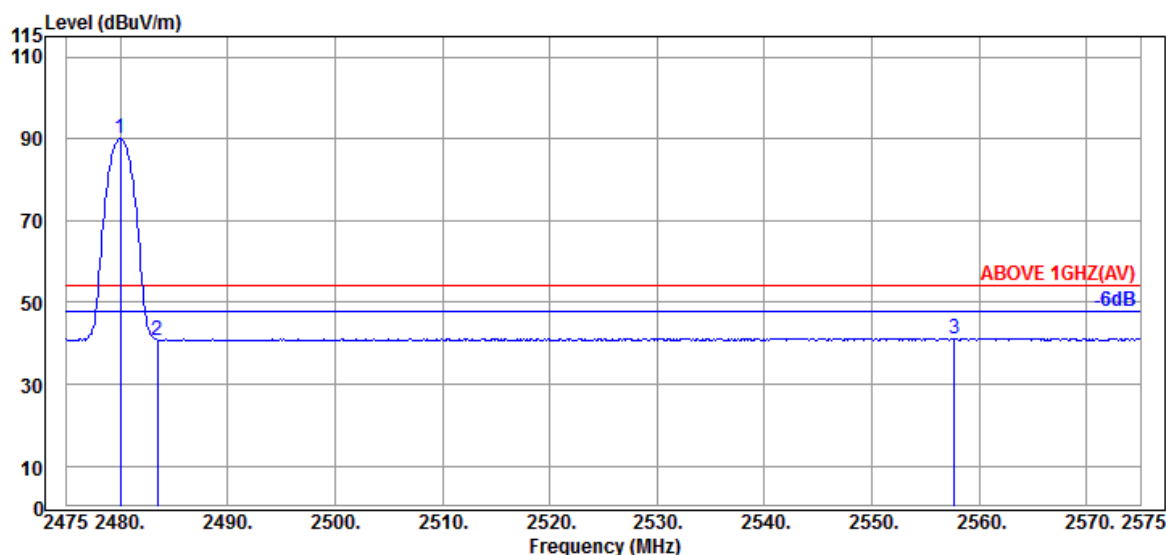
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Mode	8-DPSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.900	28.46	5.86	39.92	98.29	92.69	---	---	Peak
2483.500	28.47	5.87	39.92	57.44	51.86	74.00	22.14	Peak
2543.800	28.76	6.00	39.93	60.01	54.84	74.00	19.16	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.000	28.46	5.86	39.92	95.59	89.99	---	---	Average
2483.500	28.47	5.87	39.92	46.39	40.81	54.00	13.19	Average
2557.700	28.81	6.03	39.94	46.36	41.26	54.00	12.74	Average

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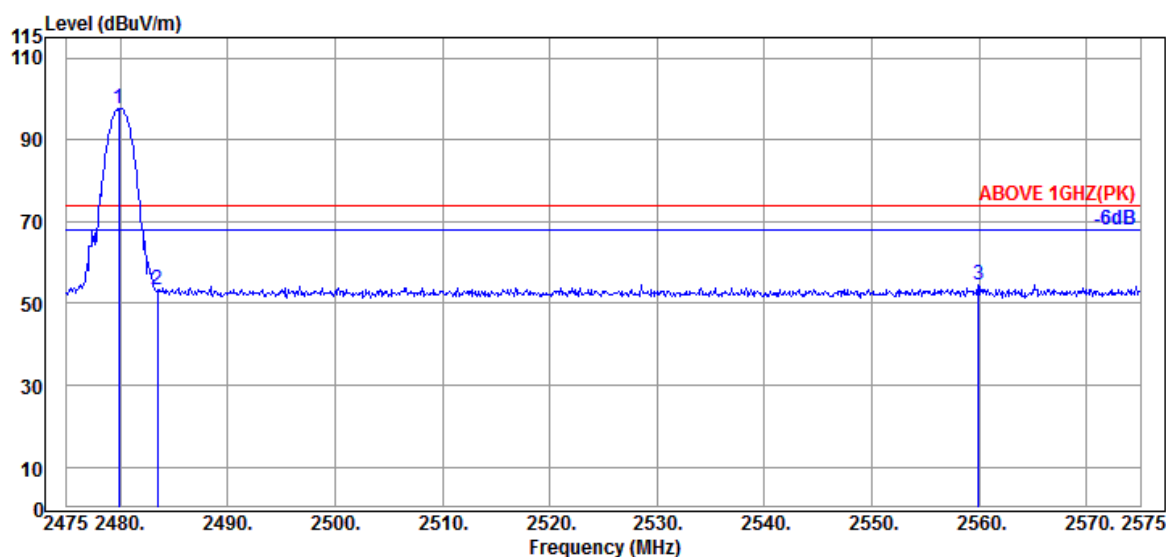
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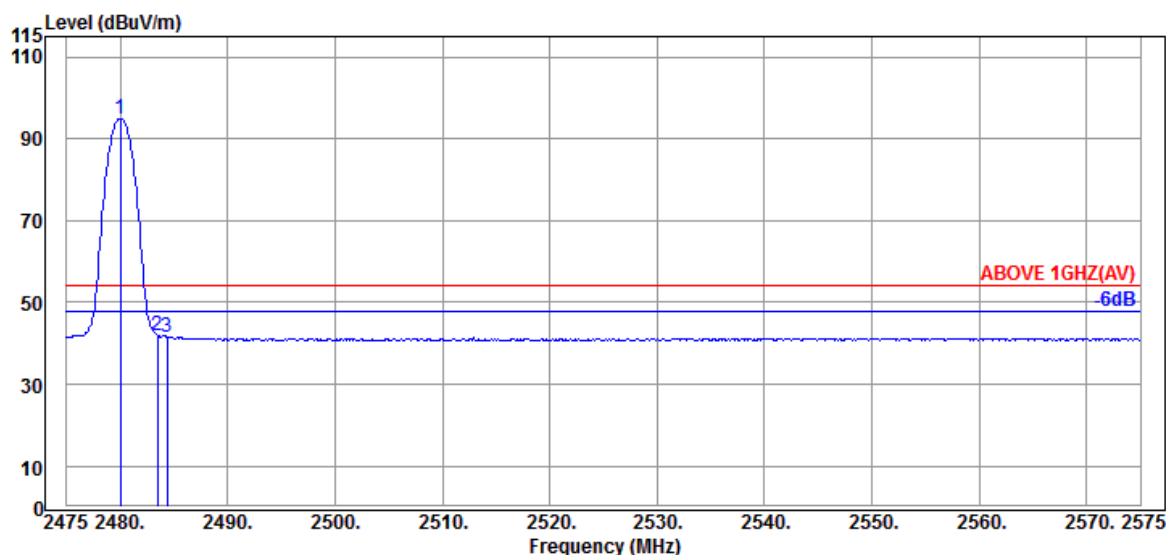
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Mode	8-DPSK	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2479.900	28.46	5.86	39.92	103.27	97.67	---	---	Peak
2483.500	28.47	5.87	39.92	58.95	53.37	74.00	20.63	Peak
2559.900	28.81	6.03	39.94	59.72	54.62	74.00	19.38	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2480.000	28.46	5.86	39.92	100.60	95.00	---	---	Average
2483.500	28.47	5.87	39.92	47.55	41.97	54.00	12.03	Average
2484.400	28.47	5.87	39.92	47.04	41.46	54.00	12.54	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

File Number: C1M2207001

Report Number: EM-F220531

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A.2.2 Emissions outside the frequency band:

The emissions (up to 25GHz) not reported for there is no emission be found.

Mode	GFSK	Frequency	TX 2402MHz
------	------	-----------	------------

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4804.000	33.00	8.53	39.39	39.19	41.33	54.00	12.67	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4804.000	33.00	8.53	39.39	37.80	39.94	54.00	14.06	Peak

Mode	GFSK	Frequency	TX 2441MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4882.000	33.25	8.64	39.35	39.16	41.70	54.00	12.30	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4882.000	33.25	8.64	39.35	40.19	42.73	54.00	11.27	Peak

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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	33.40	8.74	39.31	39.70	42.53	54.00	11.47	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	33.40	8.74	39.31	39.40	42.23	54.00	11.77	Peak

A.2.3 Emissions in Non-restricted Frequency Bands:

All emission levels below the FCC 15.209(a)/RSS-Gen Section 8.9 table 4 general radiated emissions limits is not required.

A.3 20dB BANDWIDTH

Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 20dB Bandwidth Result

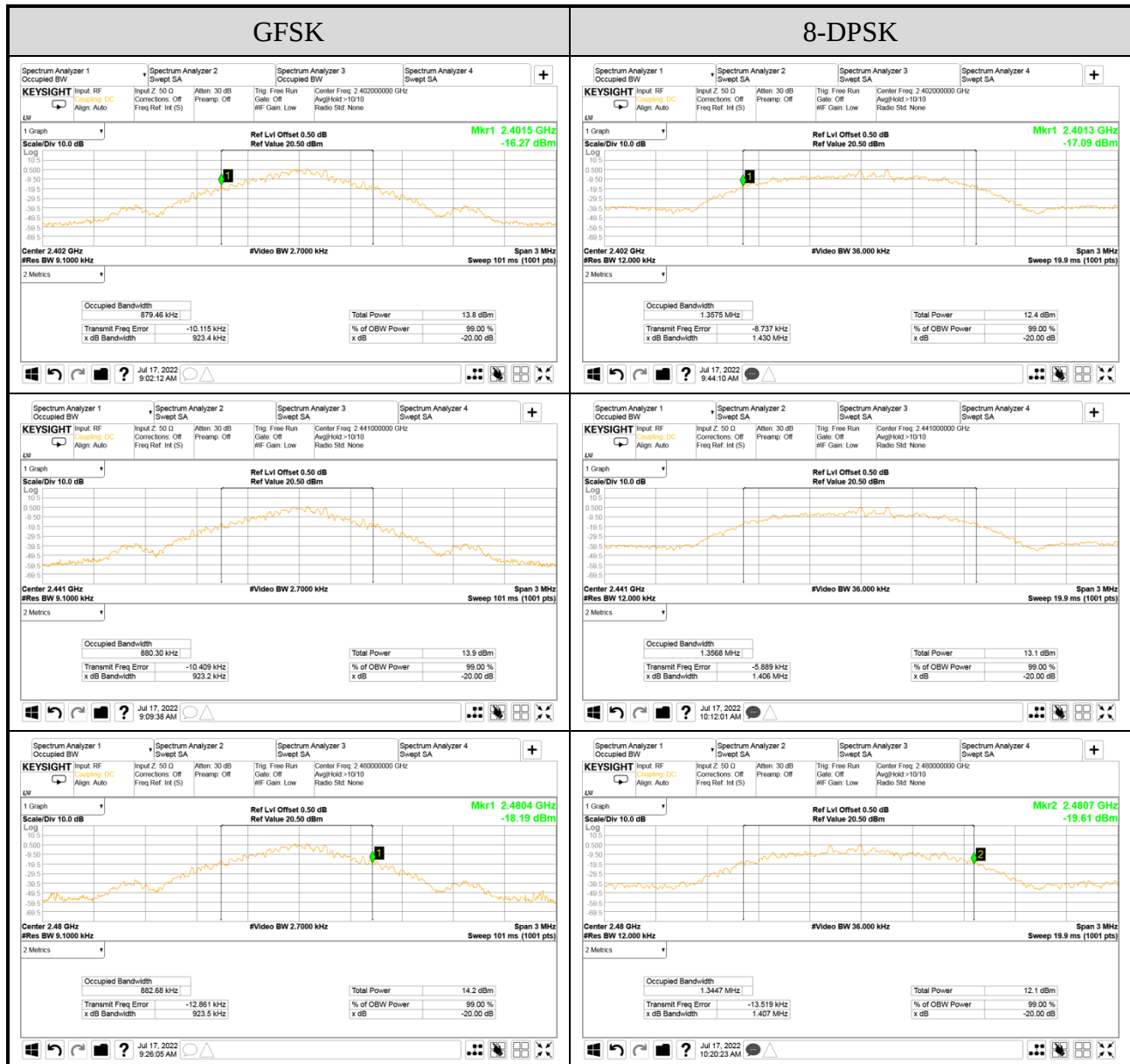
Mode	Centre Frequency (MHz)	20dB Bandwidth (MHz)	99%Occupied Bandwidth (MHz) (Reference only)	2/3 (20dB Bandwidth)
GFSK	2402	0.9234	0.87946	0.616
	2441	0.9232	0.88030	0.615
	2480	0.9235	0.88268	0.616
8-DPSK	2402	1.430	1.3575	0.953
	2441	1.406	1.3568	0.937
	2480	1.407	1.3447	0.938

Remark: The maximum two-thirds of the 20dB bandwidth is the limit for carrier frequency separation presented.

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A.3.2 Measurement Plots

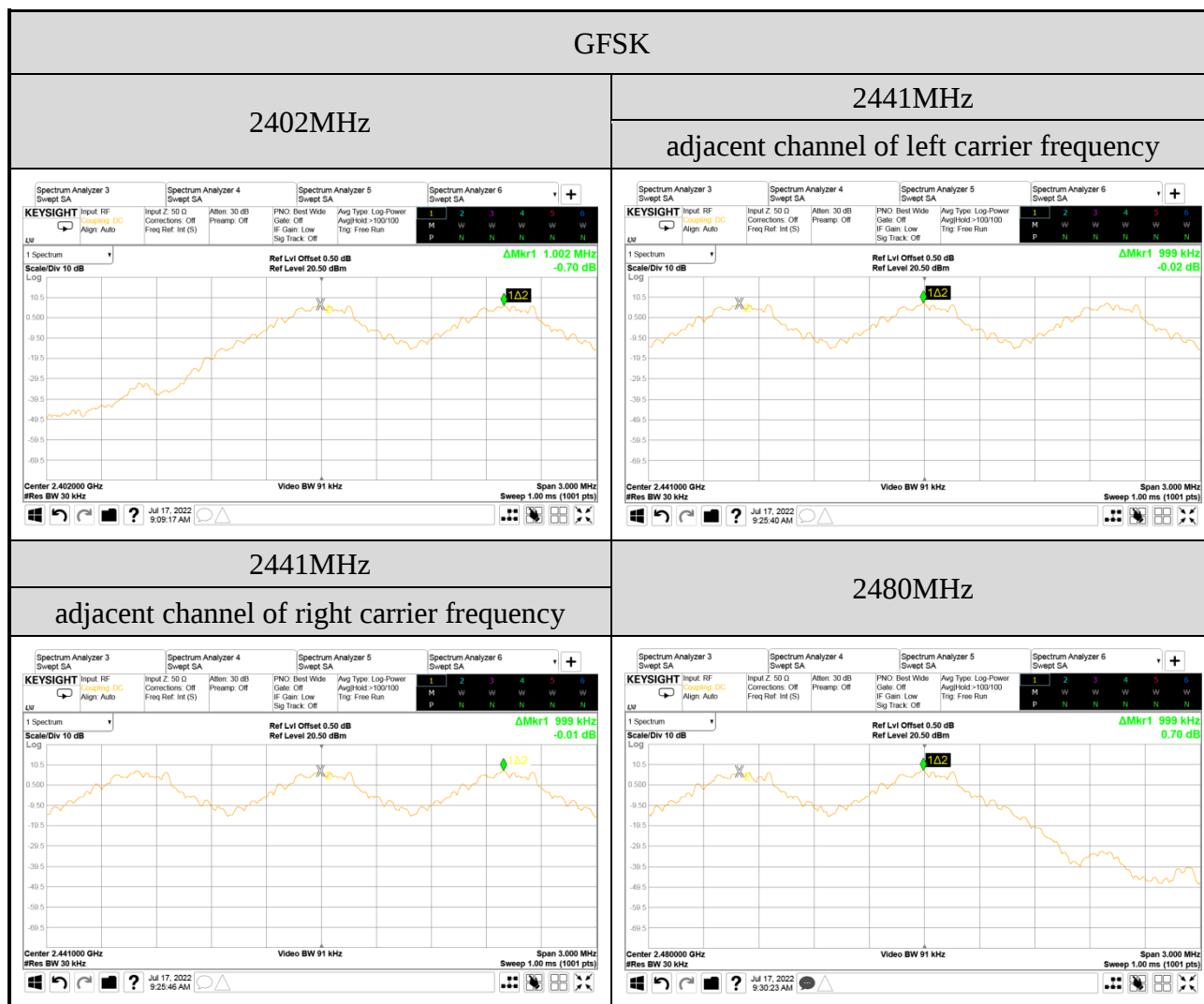


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A.4 CARRIER FREQUENCY SEPARATION

Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

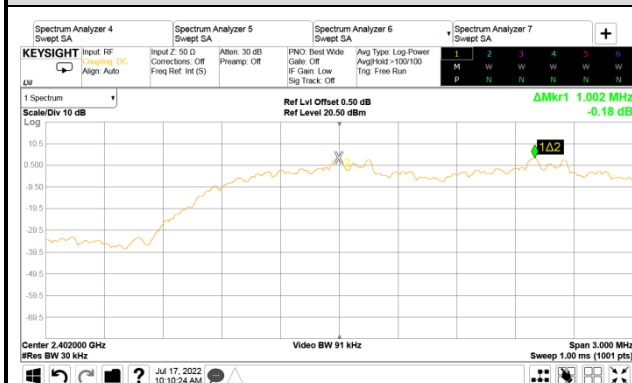


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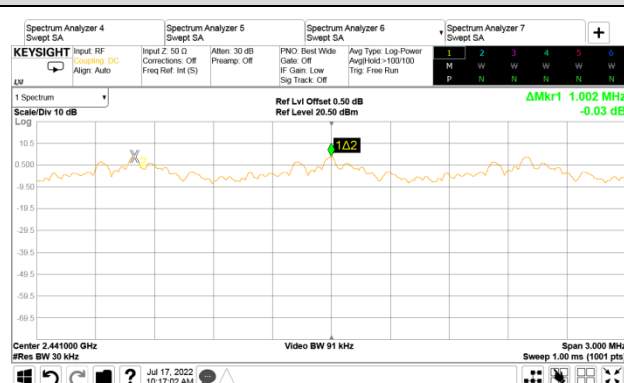
8-DPSK

2402MHz



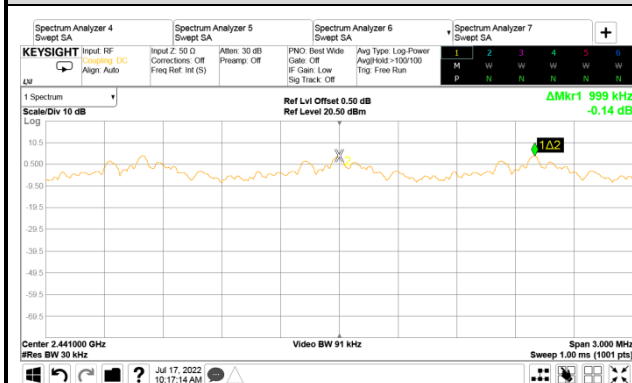
2441MHz

adjacent channel of left carrier frequency

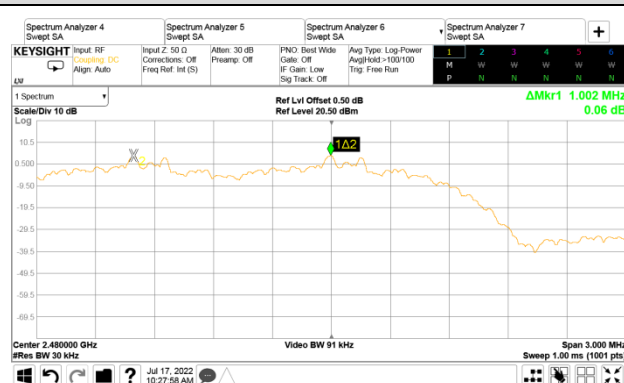


2441MHz

adjacent channel of right carrier frequency



2480MHz



A.5 TIME OF OCCUPANCY

Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.5.1 Time of Occupancy

Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
GFSK	2402	DH1	10	0.3800	120.080	<400
		DH3	5	1.6400	259.120	<400
		DH5	3	2.8900	273.972	<400

Observation Period:

$$79 \text{ channels} * 0.4 \text{ seconds} = 31.6 \text{ seconds}$$

DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
 $10 \text{ transmission} * 31.6 \text{ seconds} * 0.380 \text{ ms} = 120.080 \text{ ms} (<400\text{ms})$

DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
 $5 \text{ transmission} * 31.6 \text{ seconds} * 1.640 \text{ ms} = 259.120 \text{ ms} (<400\text{ms})$

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
 $3 \text{ transmission} * 31.6 \text{ seconds} * 2.890 \text{ ms} = 273.972 \text{ ms} (<400\text{ms})$

Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
GFSK	2441	DH1	10	0.3800	120.080	<400
		DH3	5	1.6400	259.120	<400
		DH5	3	2.8900	273.972	<400

Observation Period:

$$79 \text{ channels} * 0.4 \text{ seconds} = 31.6 \text{ seconds}$$

DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
 $10 \text{ transmission} * 31.6 \text{ seconds} * 0.380 \text{ ms} = 120.080 \text{ ms} (<400\text{ms})$

DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
 $5 \text{ transmission} * 31.6 \text{ seconds} * 1.640 \text{ ms} = 259.120 \text{ ms} (<400\text{ms})$

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
 $3 \text{ transmission} * 31.6 \text{ seconds} * 2.890 \text{ ms} = 273.972 \text{ ms} (<400\text{ms})$

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Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
GFSK	2480	DH1	10	0.3800	120.080	<400
		DH3	5	1.6400	259.120	<400
		DH5	3	2.8900	273.972	<400

Observation Period:

79 channels* 0.4 seconds= 31.6 seconds

DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
10 transmission* 31.6 seconds* 0.380 ms= 120.080 ms (<400ms)

DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
5 transmission* 31.6 seconds* 1.640 ms= 259.120 ms (<400ms)

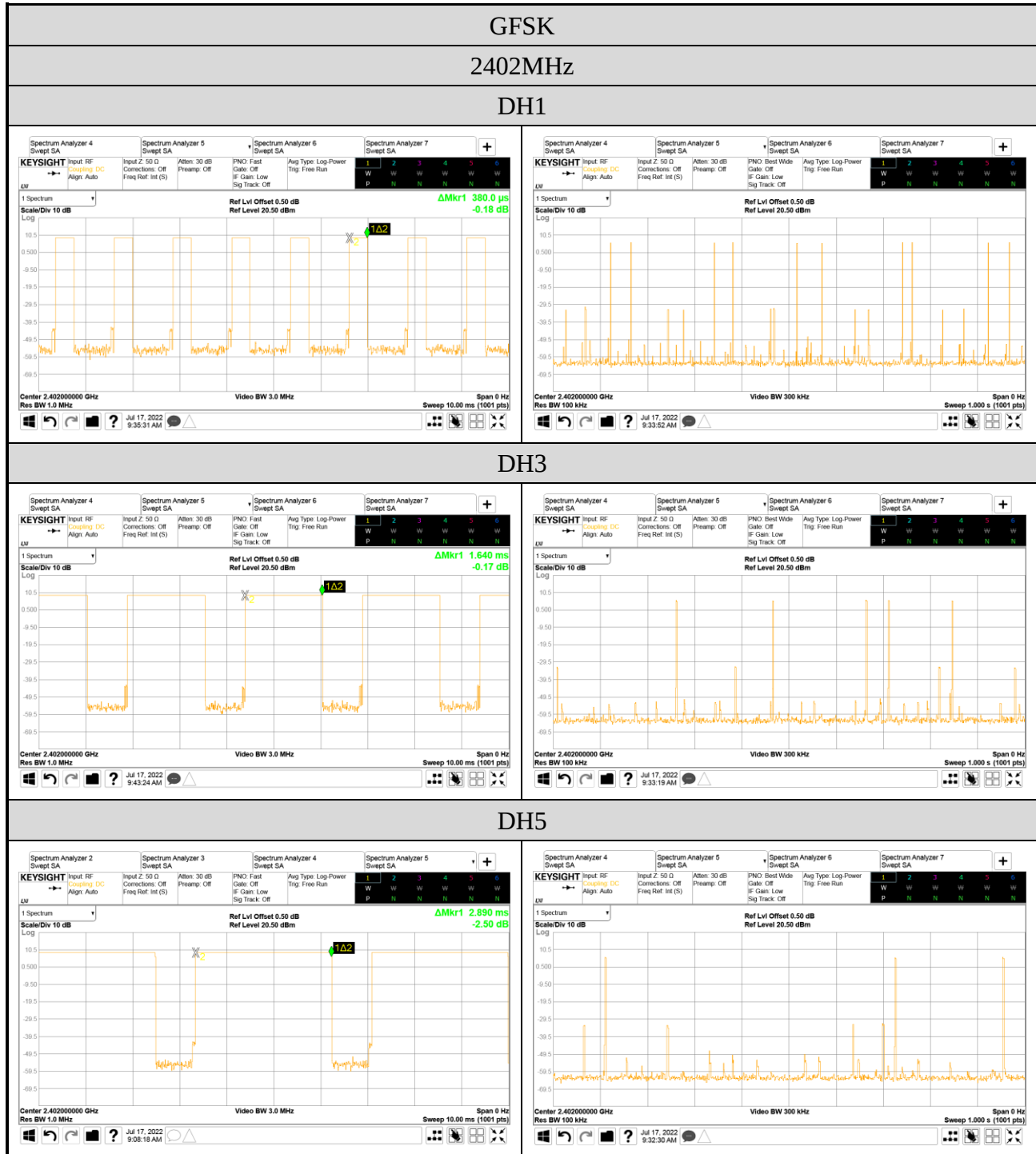
DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.890 ms= 273.972 ms (<400ms)

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● Measurement Plots



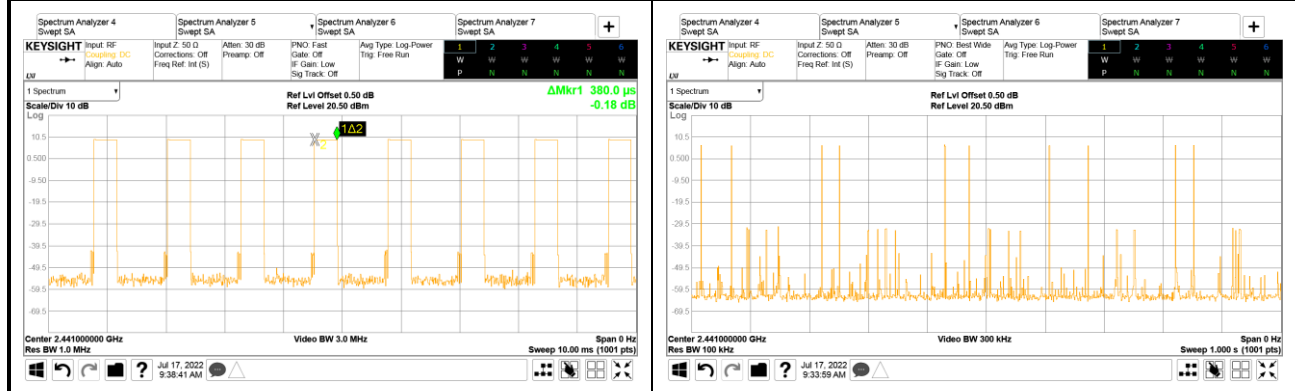
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Tel: +886 2 26099301
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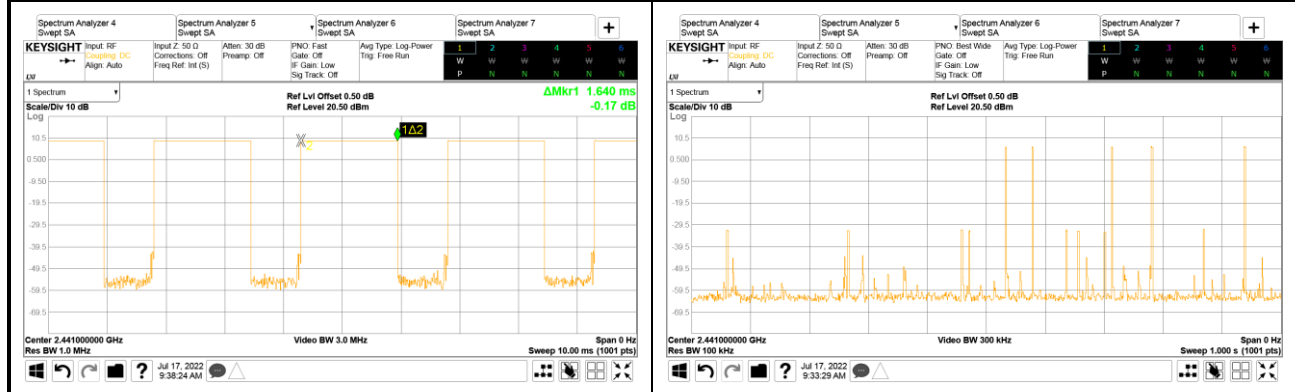
GFSK

2441MHz

DH1



DH3



DH5



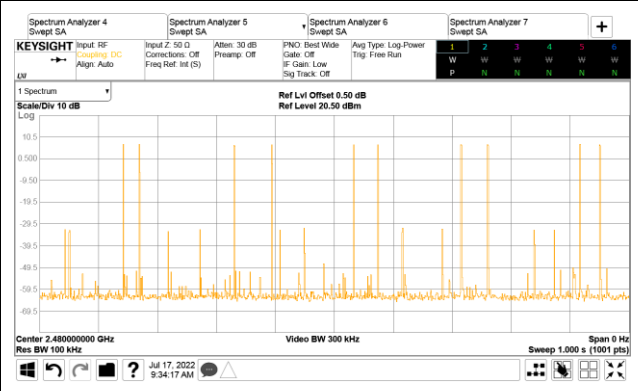
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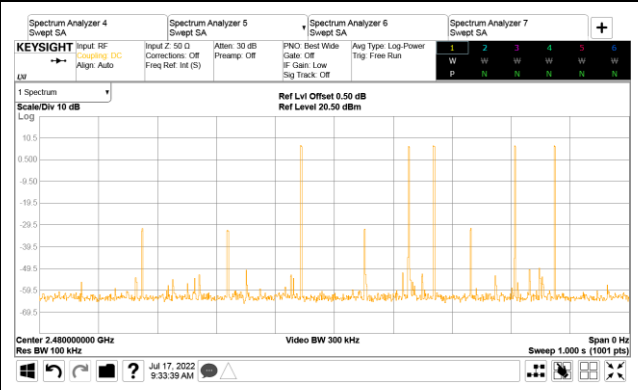
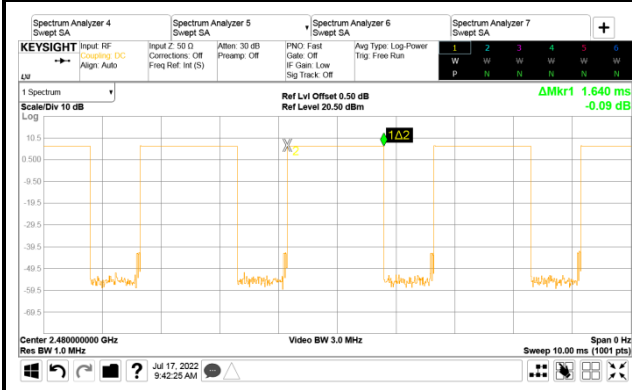
GFSK

2480MHz

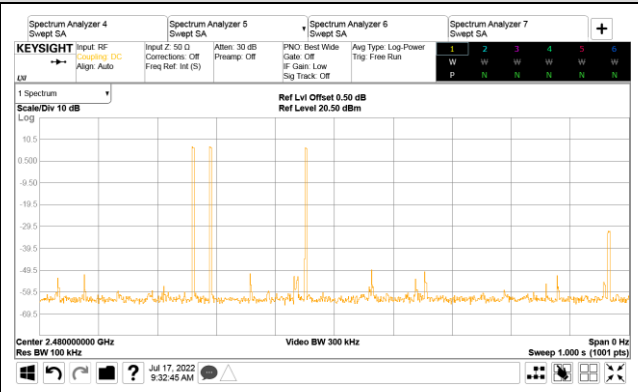
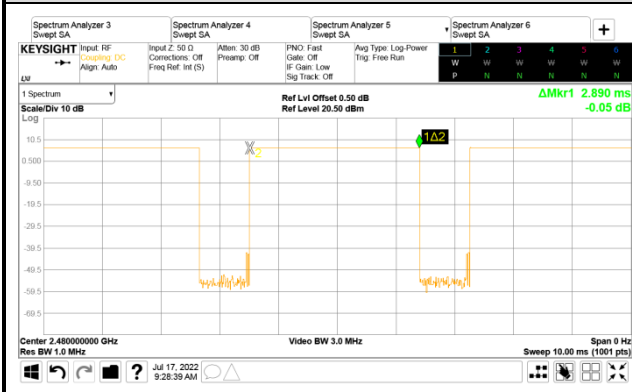
DH1



DH3



DH5



Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
8-DPSK	2402	3DH1	10	0.3900	123.240	<400
		3DH3	5	1.6400	259.120	<400
		3DH5	3	2.8900	273.972	<400

Observation Period:

79 channels* 0.4 seconds= 31.6 seconds

3DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
10 transmission* 31.6 seconds* 0.390 ms= 123.240 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
5 transmission* 31.6 seconds* 1.640 ms= 259.120 ms (<400ms)

3DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.890 ms= 273.972 ms (<400ms)

Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
8-DPSK	2441	3DH1	10	0.3900	123.240	<400
		3DH3	5	1.6400	259.120	<400
		3DH5	3	2.8900	273.972	<400

Observation Period:

79 channels* 0.4 seconds= 31.6 seconds

3DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
10 transmission* 31.6 seconds* 0.390 ms= 123.240 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
5 transmission* 31.6 seconds* 1.640 ms= 259.120 ms (<400ms)

3DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.890 ms= 273.972 ms (<400ms)

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Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
8-DPSK	2480	3DH1	10	0.3900	123.240	<400
		3DH3	5	1.6400	259.120	<400
		3DH5	3	2.8900	273.972	<400

Observation Period:

79 channels* 0.4 seconds = 31.6 seconds

3DH1 Mode

For each second of 10 transmission appearance, the longest time of occupancy is
10 transmission* 31.6 seconds* 0.390 ms = 123.240 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
5 transmission* 31.6 seconds* 1.640 ms = 259.120 ms (<400ms)

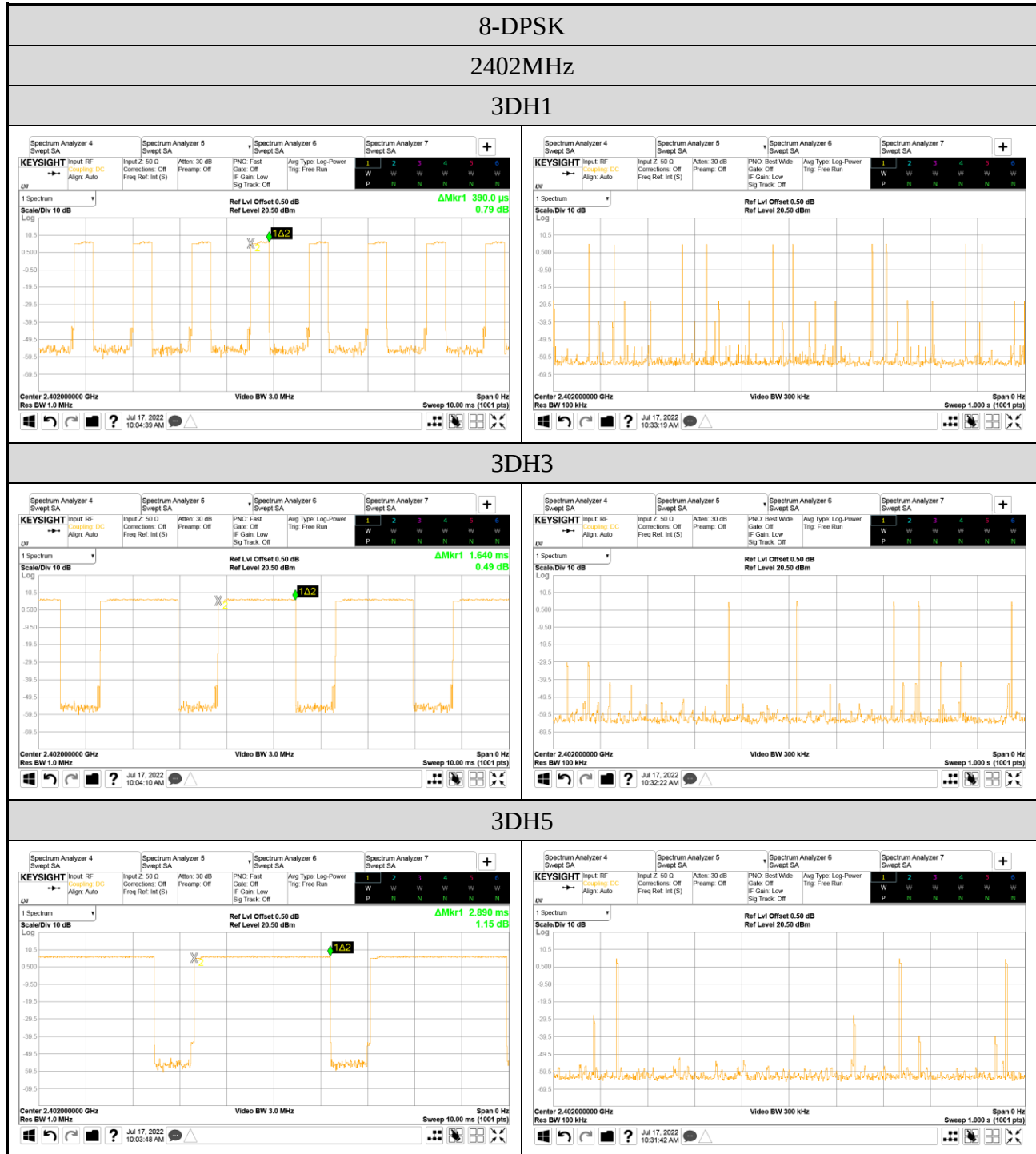
3DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.890 ms = 273.972 ms (<400ms)

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● Measurement Plots



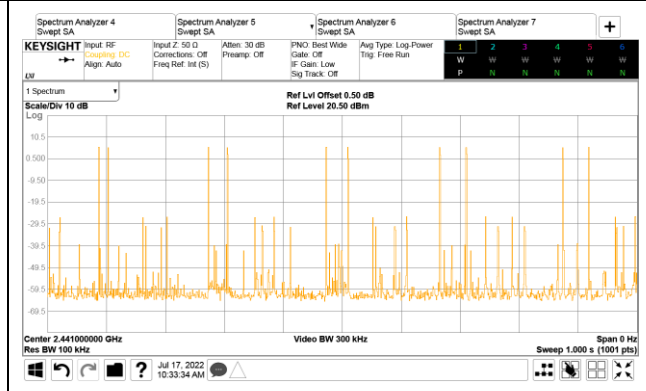
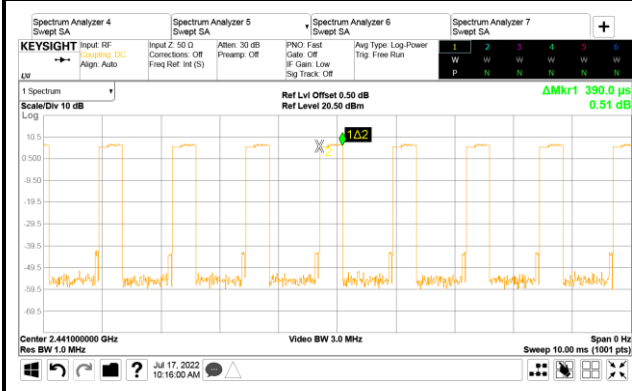
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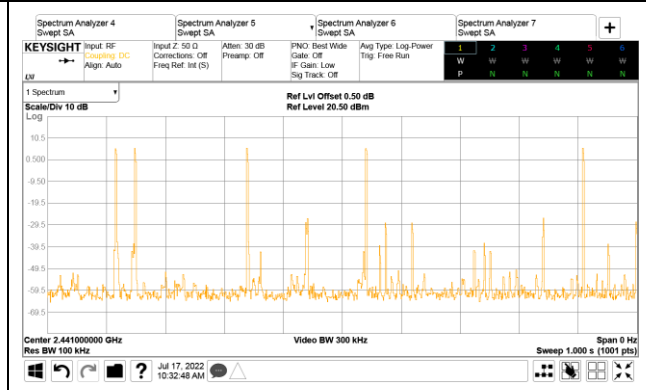
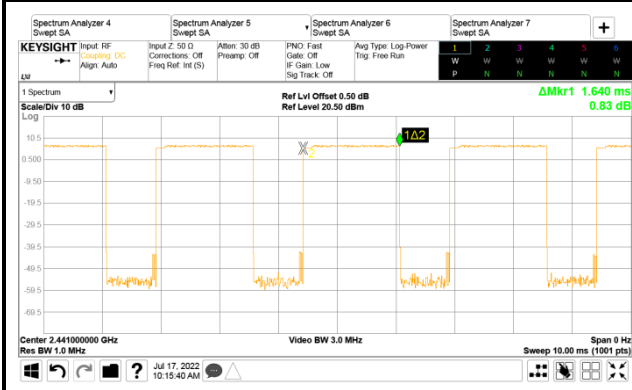
8-DPSK

2441MHz

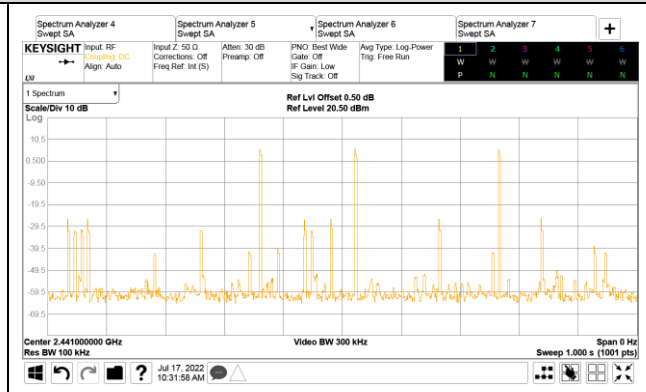
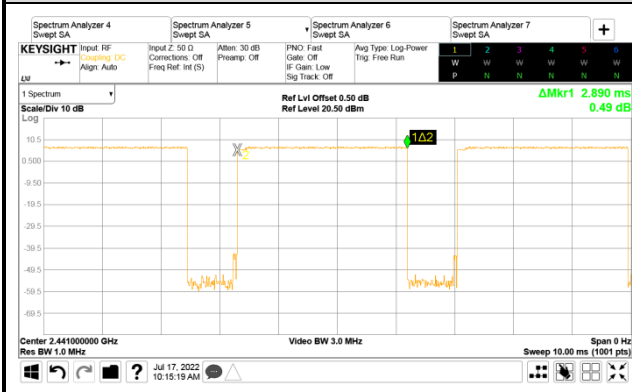
3DH1



3DH3



3DH5



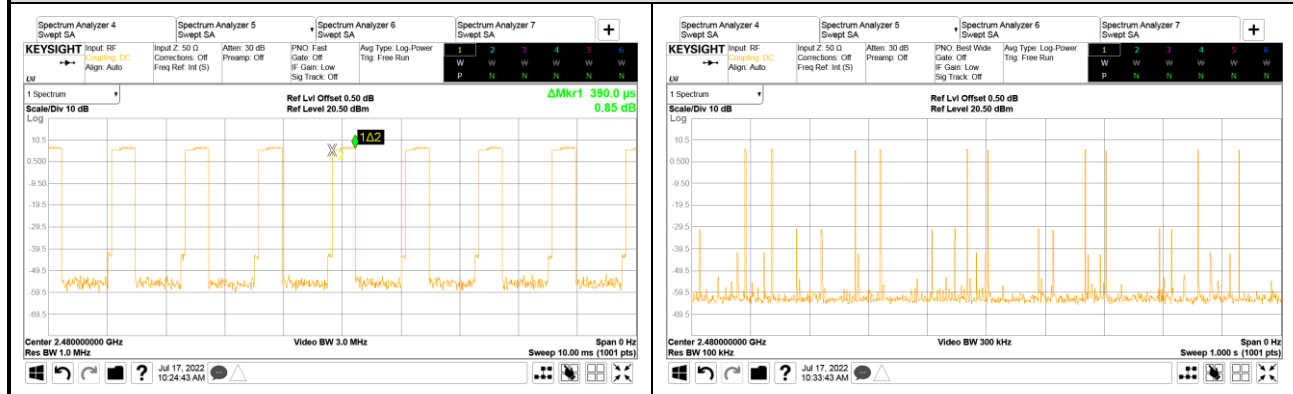
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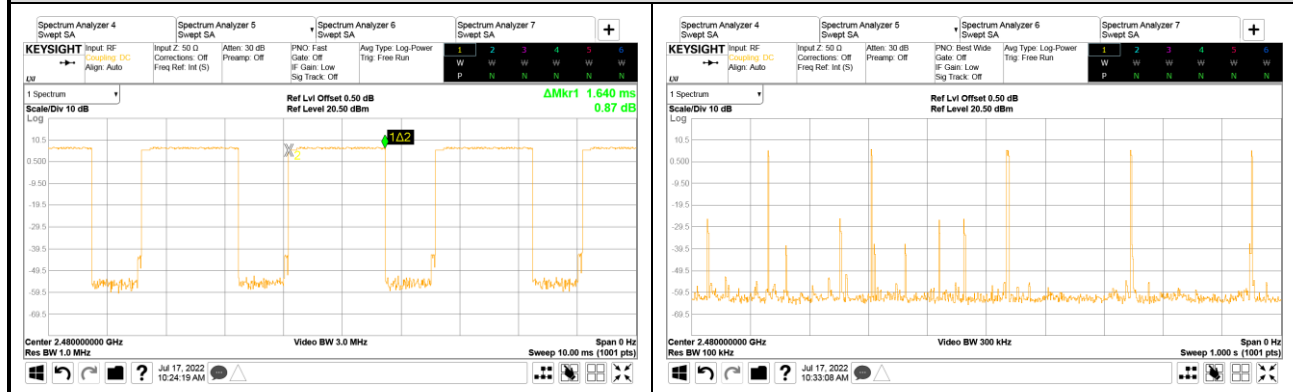
8-DPSK

2480MHz

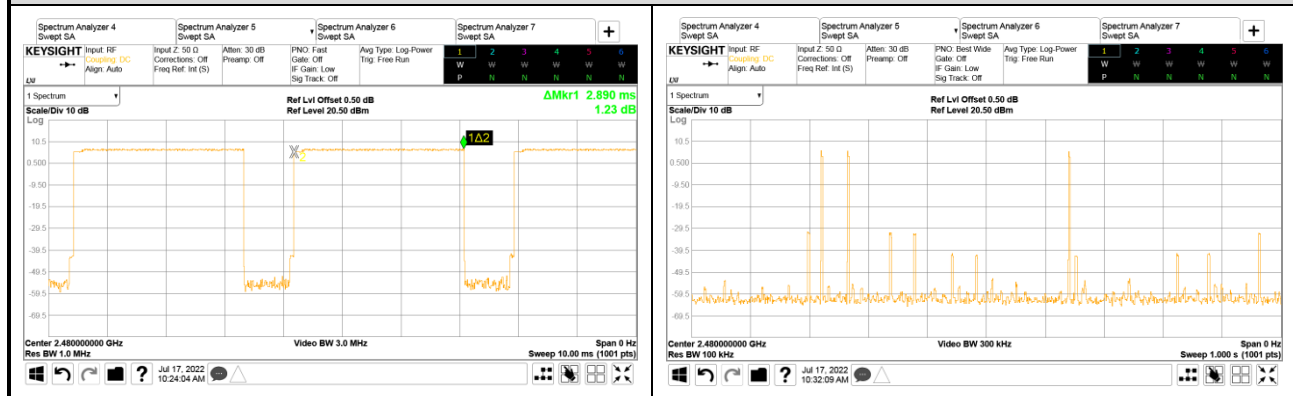
3DH1



3DH3



3DH5

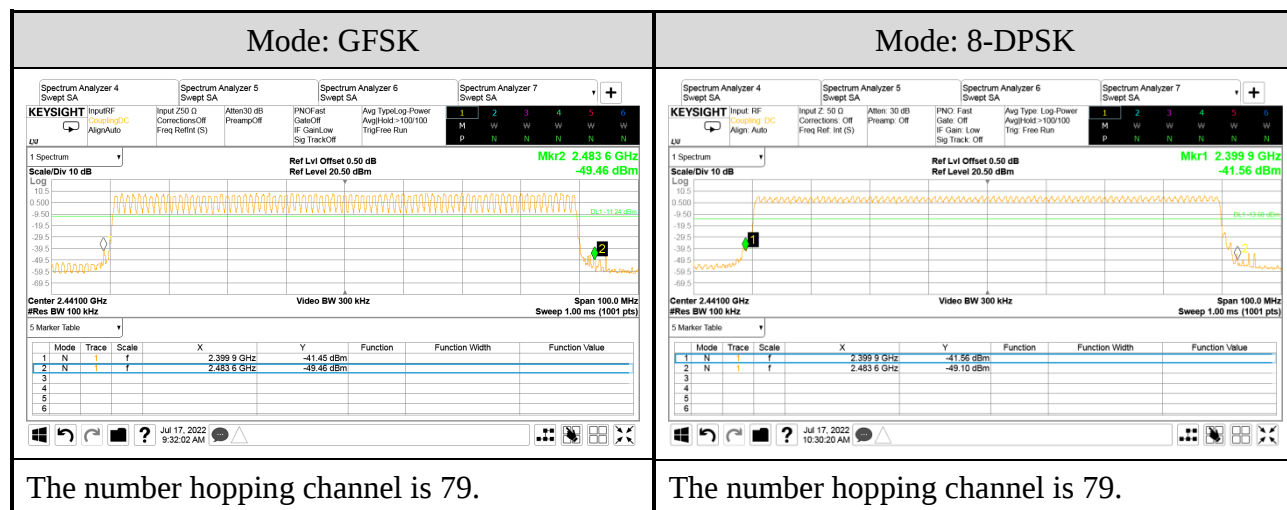


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A.6 NUMBER OF HOPPING CHANNELS

Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

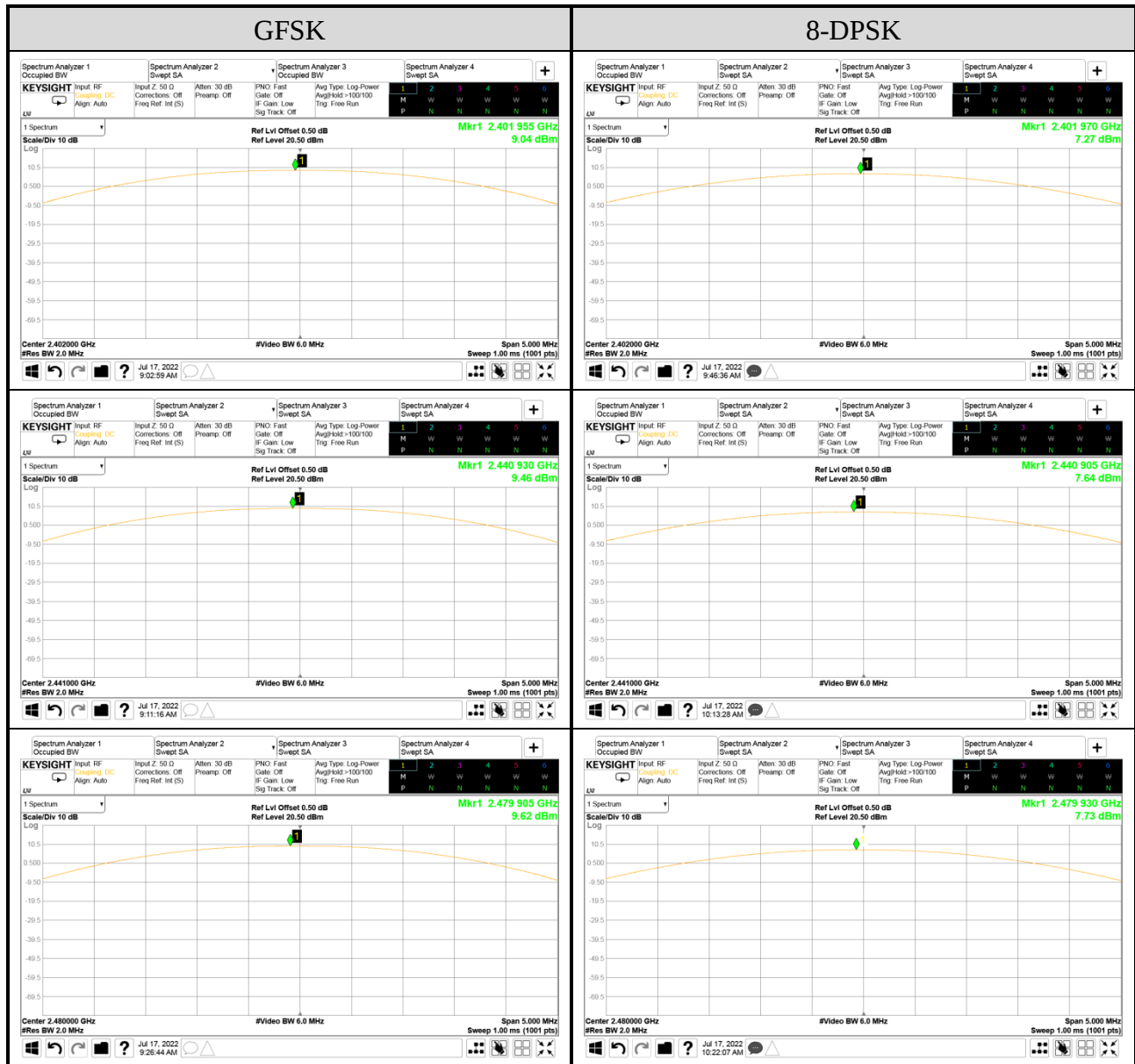
A.7.1 Maximum Peak Output Power

Mode	Centre Frequency (MHz)	Maximum Peak Output Power		Limit
		dBm	W	
GFSK	2402	9.04	0.008	21dBm (0.125W)
	2441	9.46	0.009	
	2480	9.62	0.009	
8-DPSK	2402	7.27	0.005	
	2441	7.64	0.006	
	2480	7.73	0.006	

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A.7.2 Measurement Plots



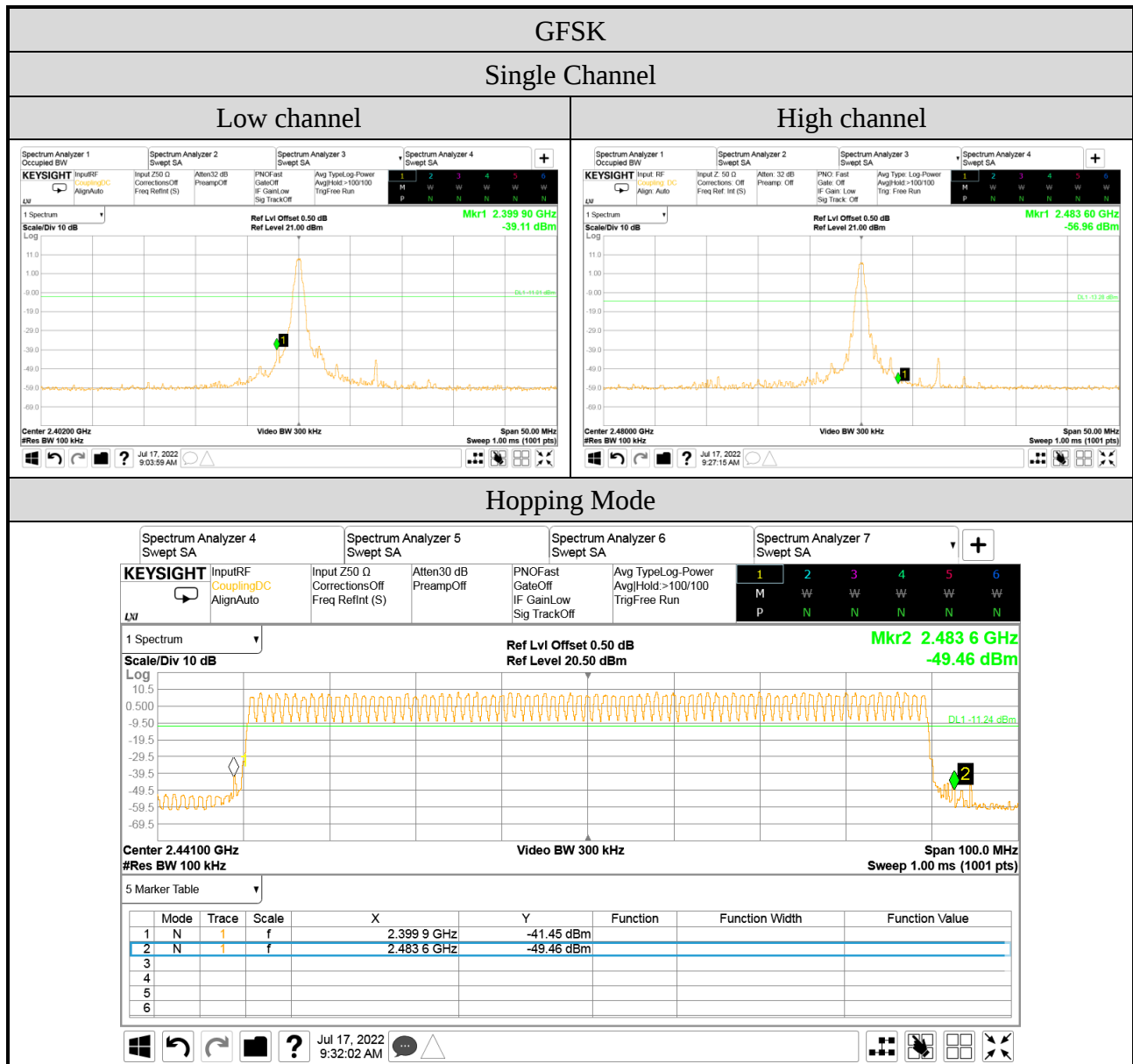
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A.8 EMISSION LIMITATIONS MEASUREMENT

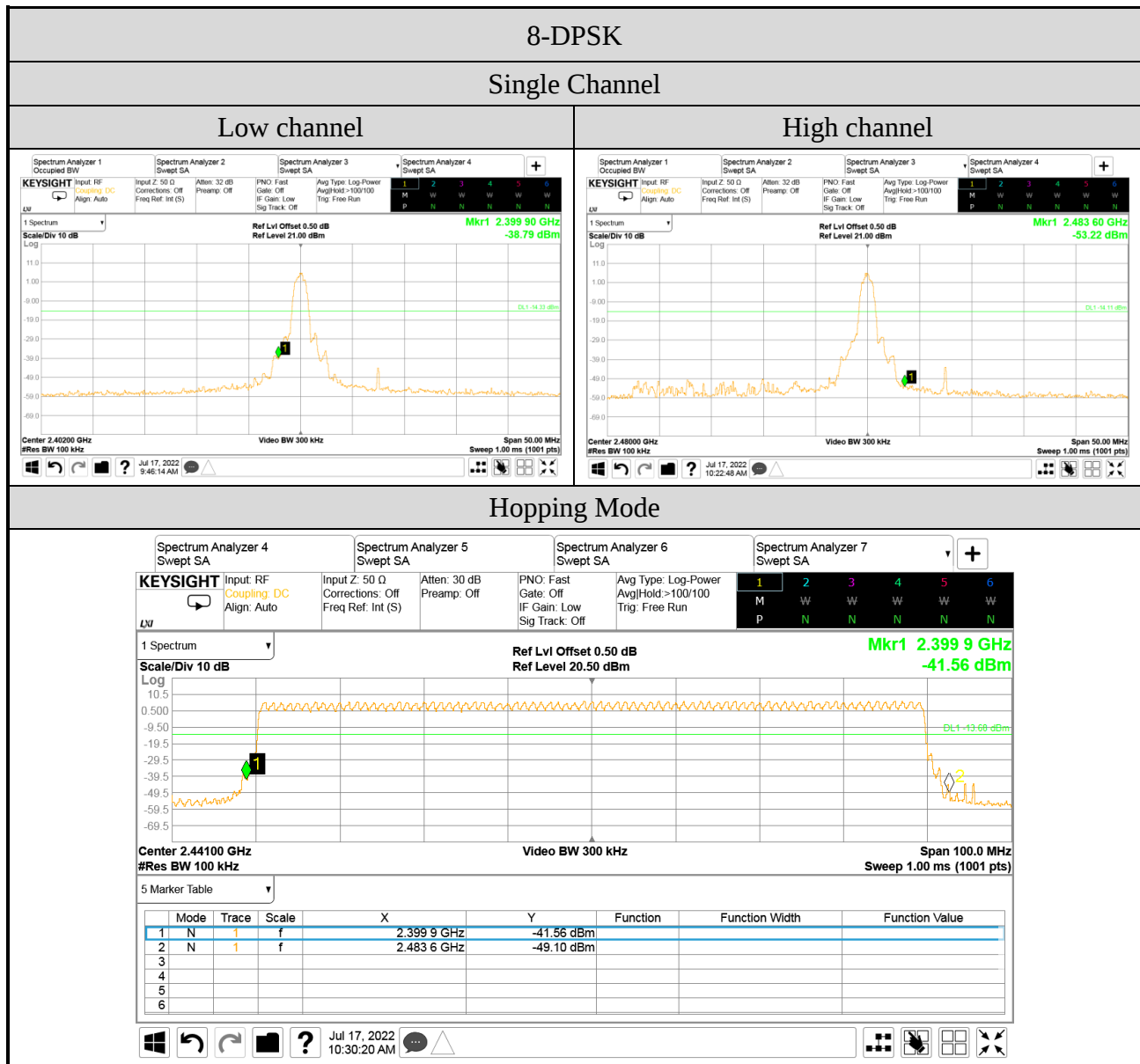
Test Date	2022/07/17	Temp./Hum.	24°C/48%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Band Edge



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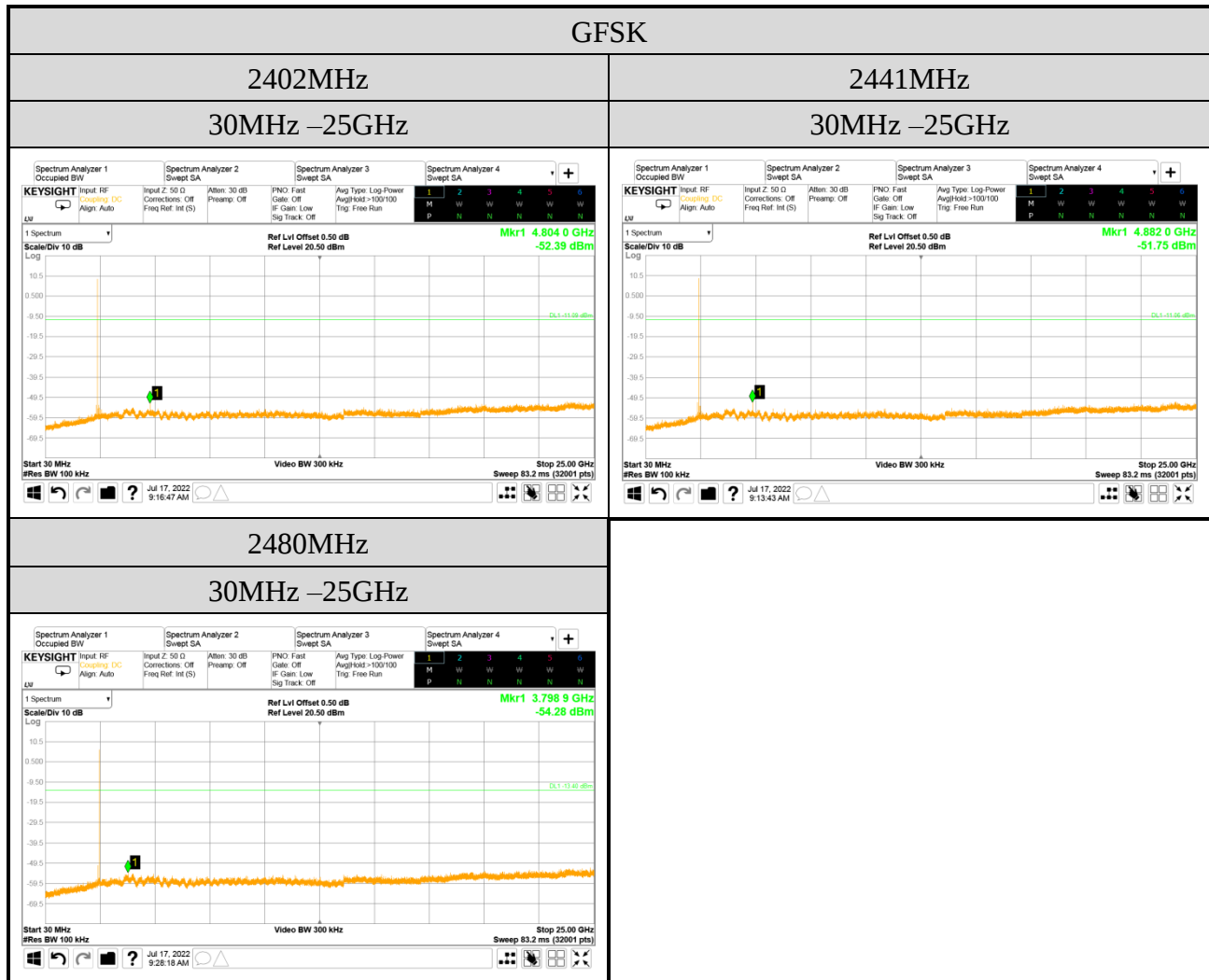
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A.8.2 Spurious Emission



Note: All results have been included cable loss.

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Note: All results have been included cable loss.