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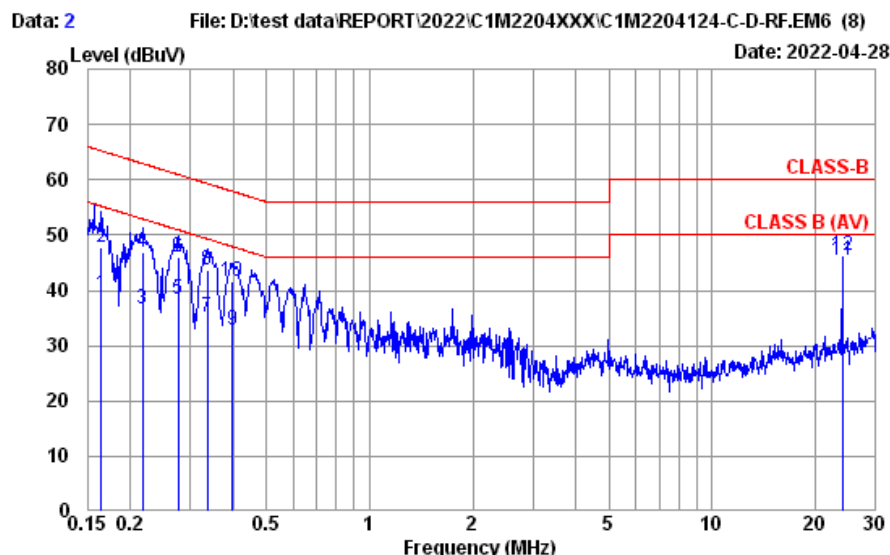
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Audix Technology Corp.
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A.1 CONDUCTED EMISSION

Test Date	2022/04/28	Temp./Hum.	27°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 : EMI4200 (169)(A)|CE-08|ESH3-Z2 (354)
Limit : CLASS-B Phase : NEUTRAL
Environment : 27°C / 47% Engineer : Chucky Chiu
EUT Model : 14U70Q Test Rating : 120Vac/60Hz
Test Mode : Normal
#1

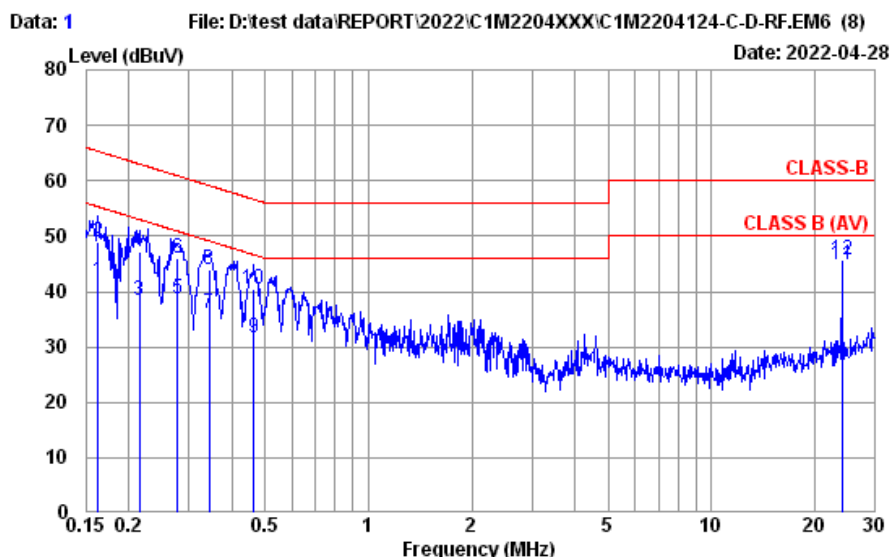
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.165	10.62	0.03	9.85	18.63	39.13	55.21	16.08	Average
2	0.165	10.62	0.03	9.85	27.13	47.63	65.21	17.58	QP
3	0.217	10.55	0.03	9.85	16.13	36.56	52.92	16.36	Average
4	0.217	10.55	0.03	9.85	26.49	46.92	62.92	16.00	QP
5	0.276	10.51	0.03	9.85	18.09	38.48	50.94	12.46	Average
6	0.276	10.51	0.03	9.85	25.68	46.07	60.94	14.87	QP
7	0.336	10.47	0.03	9.85	14.79	35.14	49.31	14.17	Average
8	0.336	10.47	0.03	9.85	23.42	43.77	59.31	15.54	QP
9	0.398	10.44	0.03	9.85	12.36	32.68	47.90	15.22	Average
10	0.398	10.44	0.03	9.85	21.35	41.67	57.90	16.23	QP
11	24.034	14.85	0.21	9.96	20.28	45.30	50.00	4.70	Average
12	24.034	14.85	0.21	9.96	21.27	46.29	60.00	13.71	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.

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Test Date	2022/04/28	Temp./Hum.	27°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	: EMI4200 (169)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B	Phase	: LINE
Environment	: 27°C / 47%	Engineer	: Chucky Chiu
EUT Model	: 14U70Q	Test Rating	: 120Vac/60Hz
Test Mode	: Normal		
	#1		

	Freq. (MHz)	AMM Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.162	10.58	0.03	9.85	21.34	41.80	55.34	13.54	Average
2	0.162	10.58	0.03	9.85	28.50	48.96	65.34	16.38	QP
3	0.215	10.53	0.03	9.85	18.02	38.43	53.01	14.58	Average
4	0.215	10.53	0.03	9.85	26.78	47.19	63.01	15.82	QP
5	0.277	10.48	0.03	9.85	18.39	38.75	50.90	12.15	Average
6	0.277	10.48	0.03	9.85	25.65	46.01	60.90	14.89	QP
7	0.343	10.45	0.03	9.85	15.65	35.98	49.13	13.15	Average
8	0.343	10.45	0.03	9.85	23.61	43.94	59.13	15.19	QP
9	0.464	10.42	0.03	9.85	11.43	31.73	46.63	14.90	Average
10	0.464	10.42	0.03	9.85	20.14	40.44	56.63	16.19	QP
11	24.034	14.11	0.21	9.96	20.53	44.81	50.00	5.19	Average
12	24.034	14.11	0.21	9.96	21.50	45.78	60.00	14.22	QP

Remarks: 1. Emission Level= AMM 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	2022/04/27 ~ 28	Temp./Hum.	22°C/58 ~ 66%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Sam Chang

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

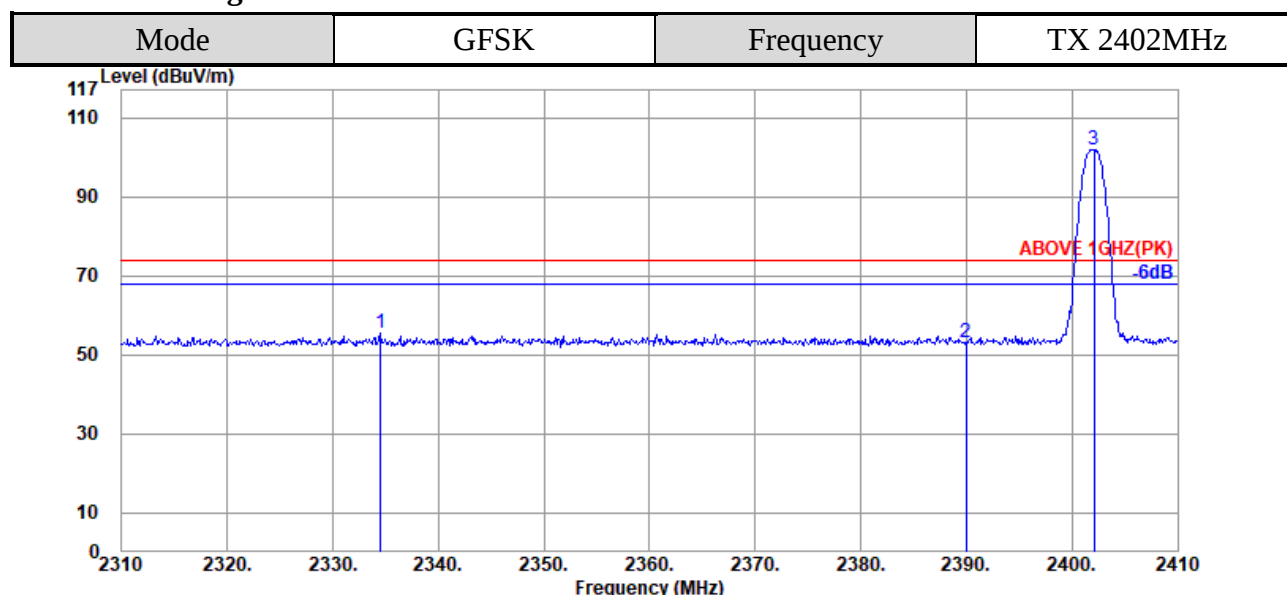
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
30.970	23.26	1.43	26.49	28.39	26.59	40.00	13.41	Peak
148.340	16.41	3.18	26.00	41.06	34.65	43.50	8.85	Peak
445.160	22.21	6.33	26.77	34.13	35.90	46.00	10.10	Peak
593.570	24.23	7.08	27.39	36.25	40.17	46.00	5.83	Peak
741.980	25.30	7.89	27.36	33.73	39.56	46.00	6.44	Peak
968.960	26.88	9.13	26.75	30.22	39.48	54.00	14.52	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
35.820	21.22	1.55	26.48	42.28	38.57	40.00	1.43	Peak
148.340	16.41	3.18	26.00	41.13	34.72	43.50	8.78	Peak
445.160	22.21	6.33	26.77	35.71	37.48	46.00	8.52	Peak
593.570	24.23	7.08	27.39	37.19	41.11	46.00	4.89	Peak
741.980	25.30	7.89	27.36	33.03	38.86	46.00	7.14	Peak
976.720	26.94	9.17	26.72	28.96	38.35	54.00	15.65	Peak

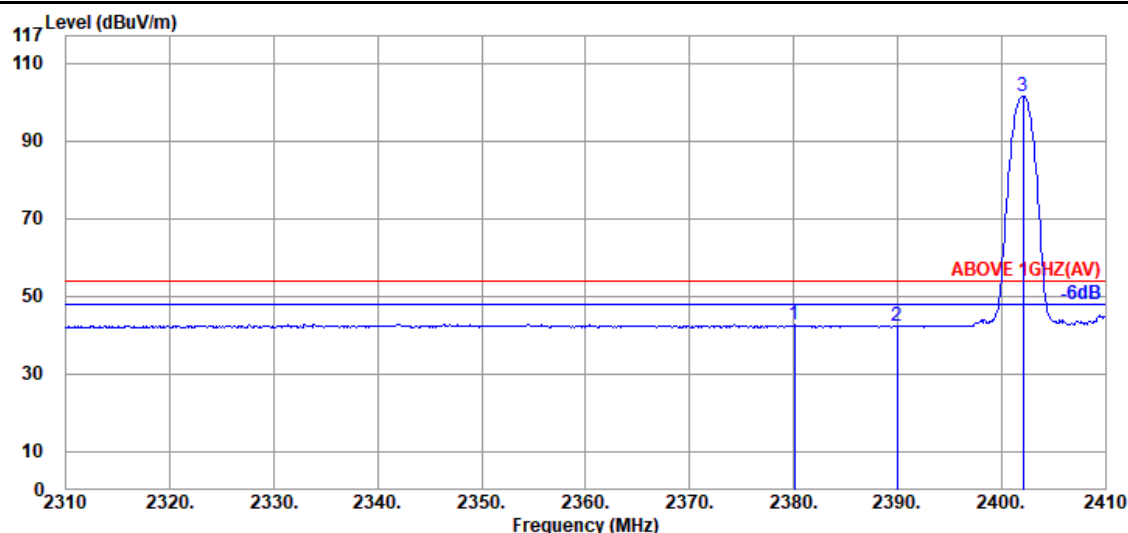
A.2.1.3 Frequency Above 1 GHz to 10th harmonics

Band Edge:



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
2334.500	28.05	5.93	39.96	61.30	55.32	74.00	18.68	Peak
2390.000	28.27	6.04	39.95	58.76	53.12	74.00	20.88	Peak
@ 2402.100	28.30	6.04	39.95	107.39	101.78	---	---	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
2380.100	28.26	6.01	39.96	48.57	42.88	54.00	11.12	Average
2390.000	28.27	6.04	39.95	47.84	42.20	54.00	11.80	Average
@ 2402.100	28.30	6.04	39.95	107.19	101.58	---	---	Average

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

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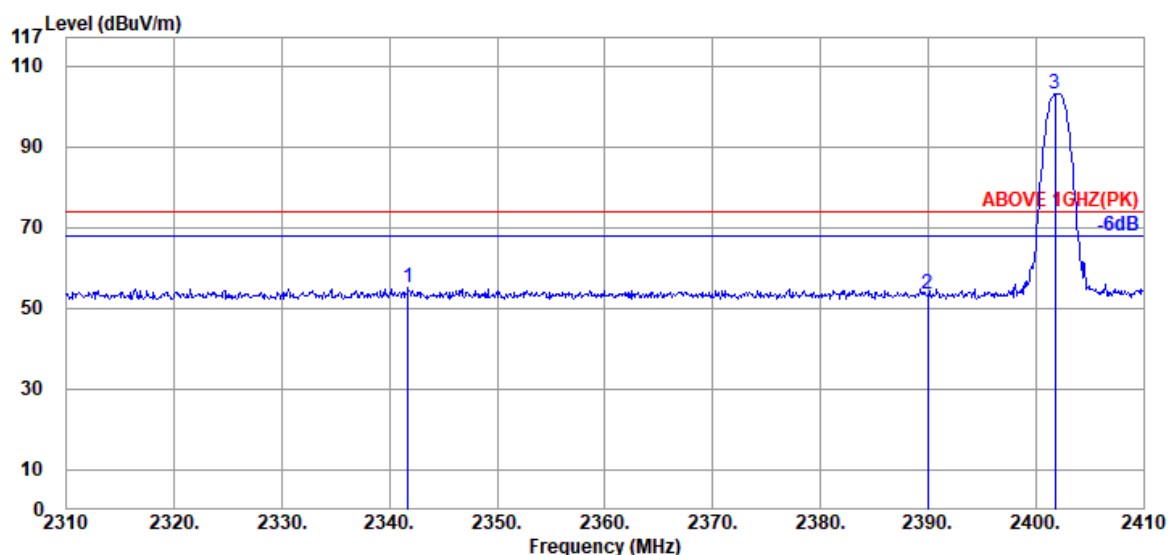
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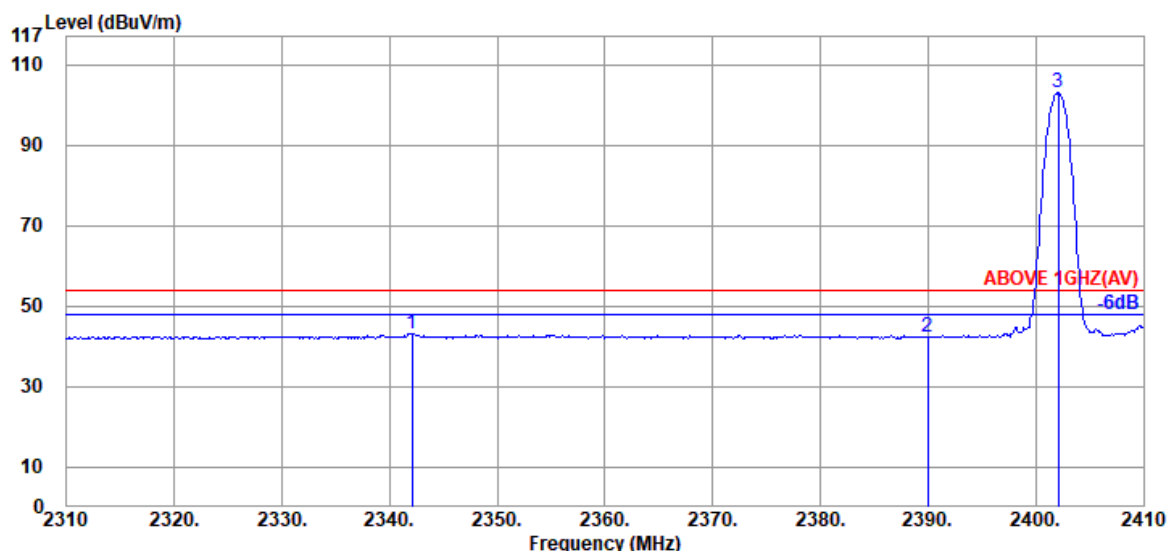
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Mode	GFSK	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2341.700	28.10	5.96	39.96	61.08	55.18	74.00	18.82	Peak
2390.000	28.27	6.04	39.95	59.07	53.43	74.00	20.57	Peak
@ 2401.800	28.30	6.04	39.95	108.64	103.03	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2342.100	28.10	5.96	39.96	49.10	43.20	54.00	10.80	Average
2390.000	28.27	6.04	39.95	47.96	42.32	54.00	11.68	Average
@ 2402.100	28.30	6.04	39.95	108.55	102.94	---	---	Average

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

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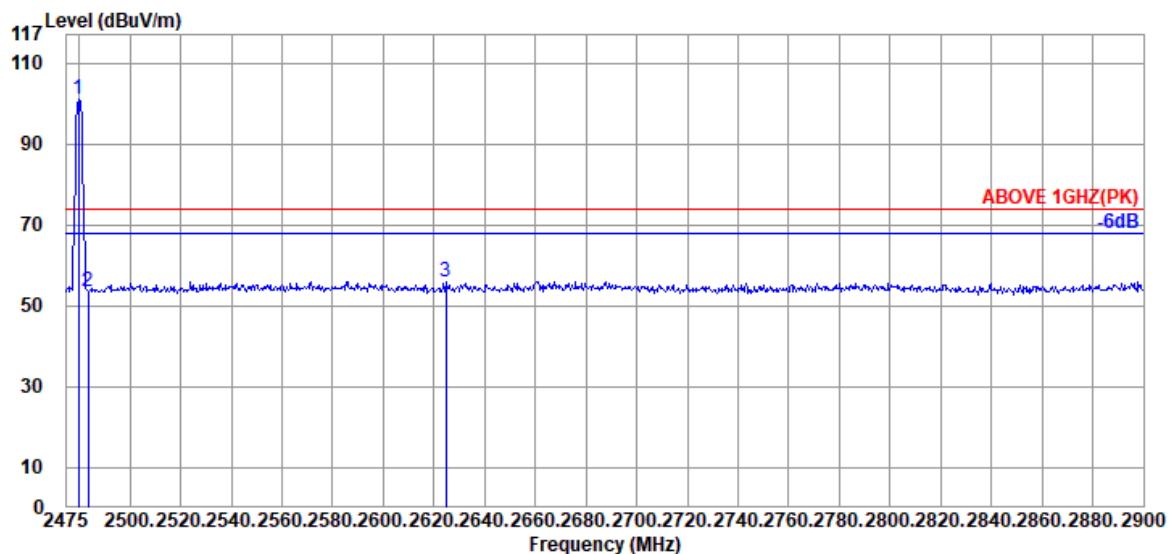
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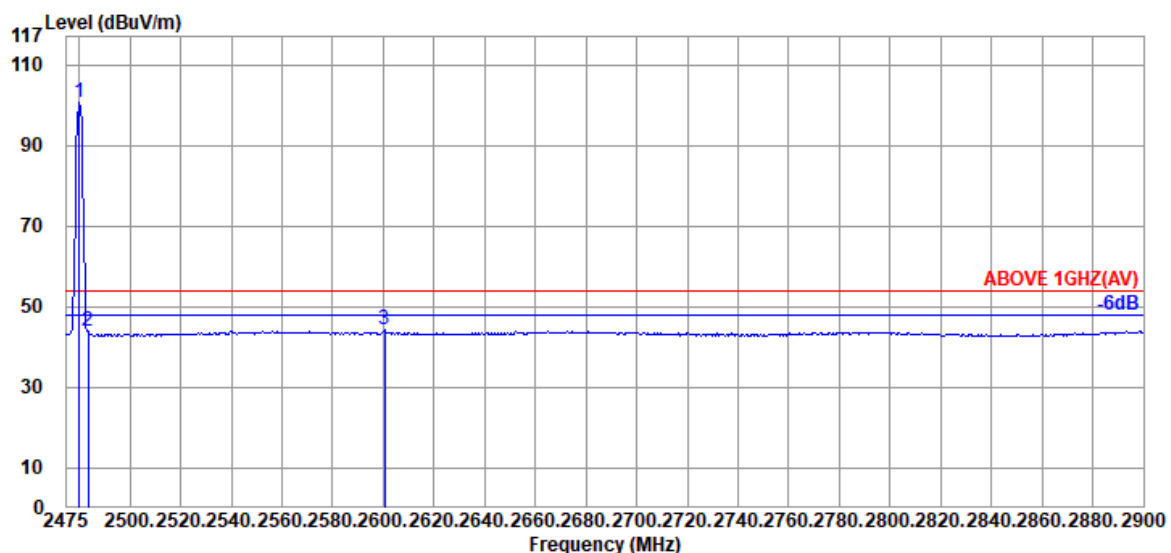
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

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
@ 2479.675	28.56	6.18	39.94	106.32	101.12	---	---	Peak
2483.500	28.57	6.18	39.94	58.62	53.43	74.00	20.57	Peak
2624.600	28.95	6.38	39.98	60.75	56.10	74.00	17.90	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
@ 2480.100	28.56	6.18	39.94	105.86	100.66	---	---	Average
2483.500	28.57	6.18	39.94	48.93	43.74	54.00	10.26	Average
2600.375	29.00	6.34	39.97	49.05	44.42	54.00	9.58	Average

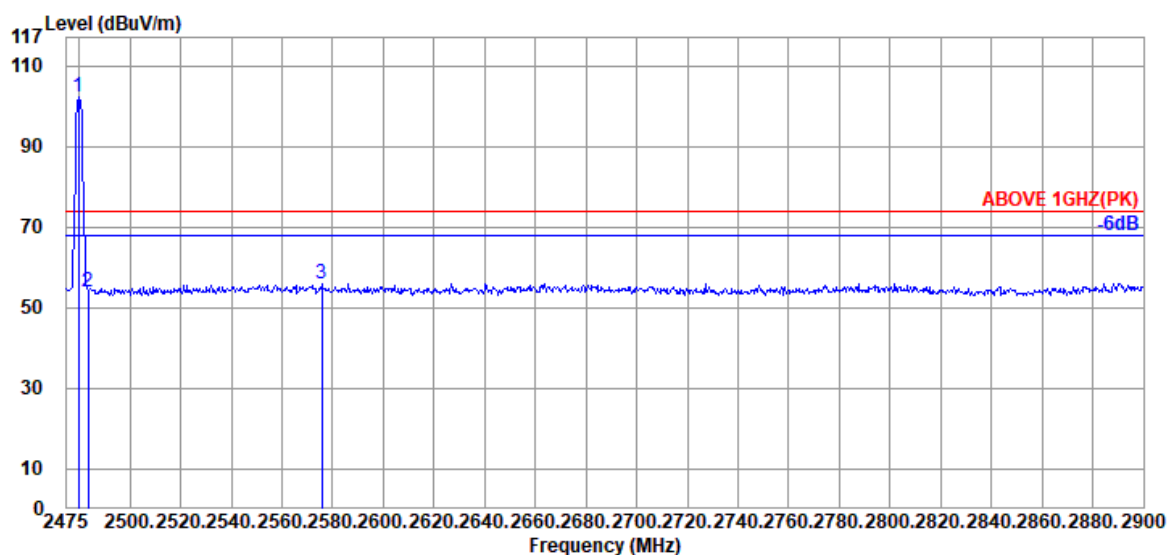
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Report Number: EM-F220275

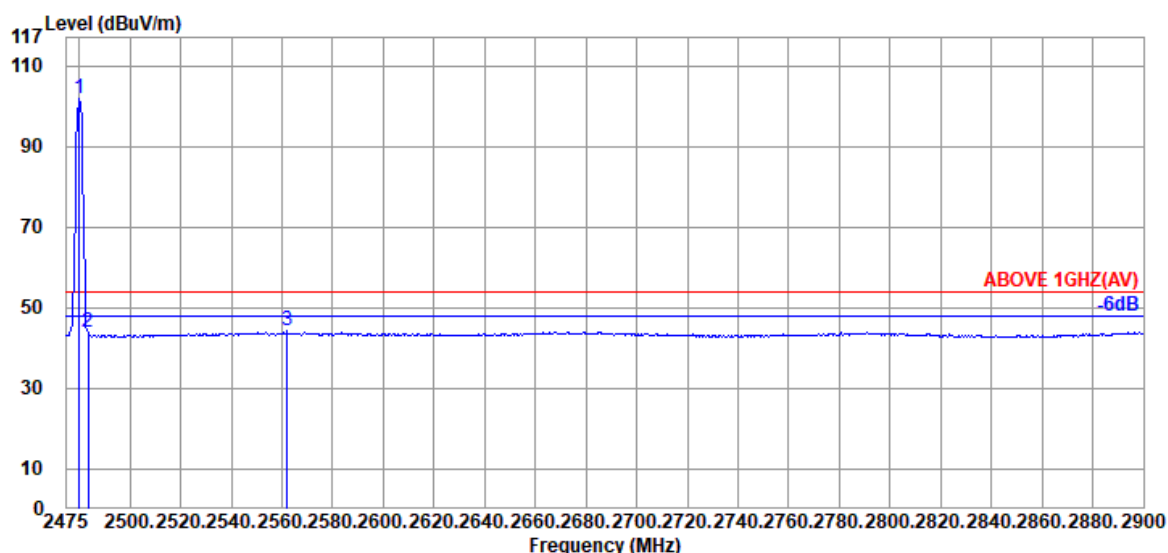
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2479.675	28.56	6.18	39.94	107.47	102.27	---	---	Peak
2483.500	28.57	6.18	39.94	59.01	53.82	74.00	20.18	Peak
2575.725	28.89	6.32	39.96	60.75	56.00	74.00	18.00	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
@ 2480.100	28.56	6.18	39.94	107.08	101.88	---	---	Average
2483.500	28.57	6.18	39.94	49.25	44.06	54.00	9.94	Average
2562.125	28.86	6.30	39.96	48.98	44.18	54.00	9.82	Average

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

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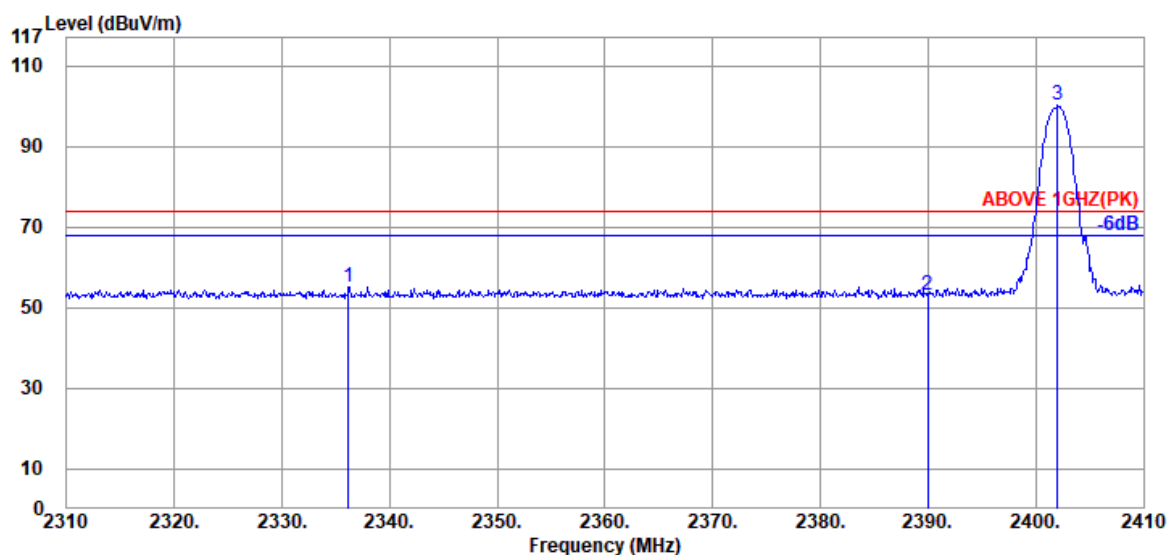
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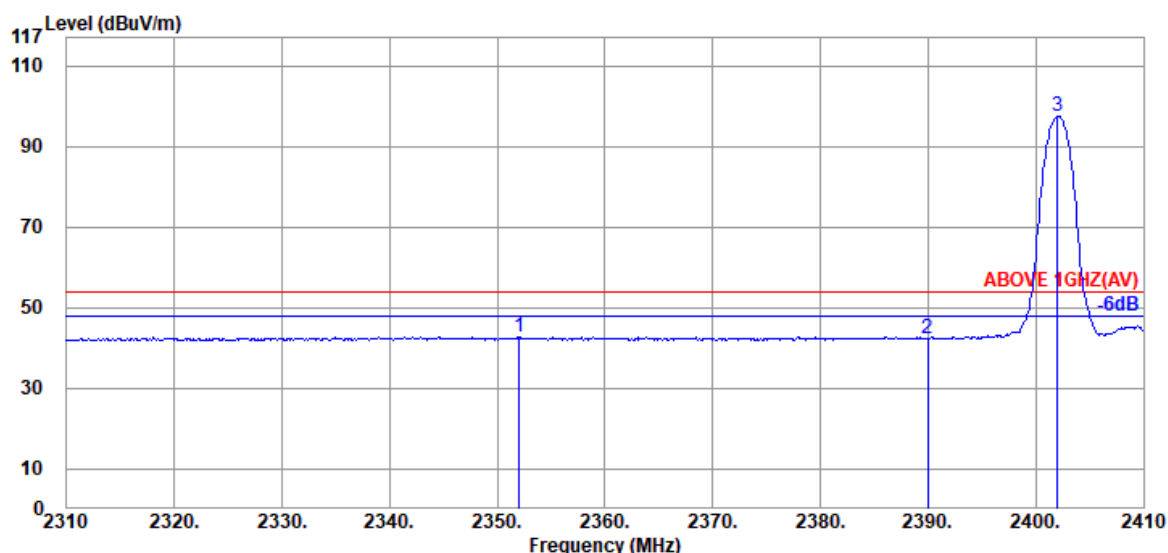
Fax: +886 2 26099303

Mode	8-DPSK	Frequency	TX 2402MHz
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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
2336.200	28.10	5.96	39.96	61.19	55.29	74.00	18.71	Peak
2390.000	28.27	6.04	39.95	58.72	53.08	74.00	20.92	Peak
@ 2402.000	28.30	6.04	39.95	105.69	100.08	---	---	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
2352.000	28.20	5.98	39.96	48.64	42.86	54.00	11.14	Average
2390.000	28.27	6.04	39.95	48.04	42.40	54.00	11.60	Average
@ 2402.000	28.30	6.04	39.95	103.12	97.51	---	---	Average

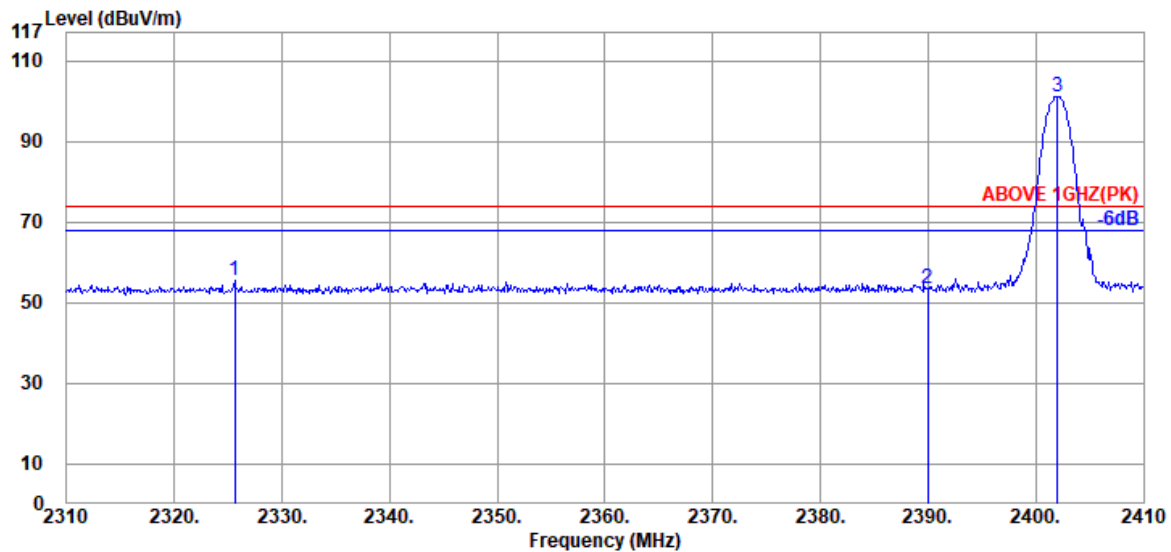
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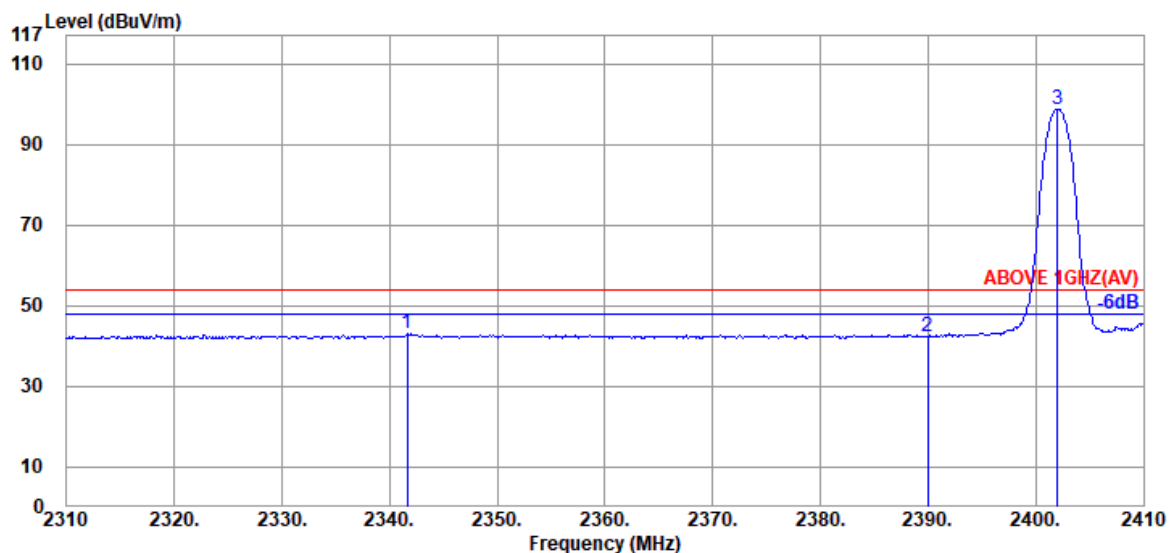
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Mode	8-DPSK	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBMV)	Emission Level (dBMV/m)	Limits (dBMV/m)	Margin (dB)	Detector
2325.600	28.00	5.93	39.96	61.37	55.34	74.00	18.66	Peak
2390.000	28.27	6.04	39.95	59.28	53.64	74.00	20.36	Peak
@ 2402.000	28.30	6.04	39.95	106.82	101.21	---	---	Peak

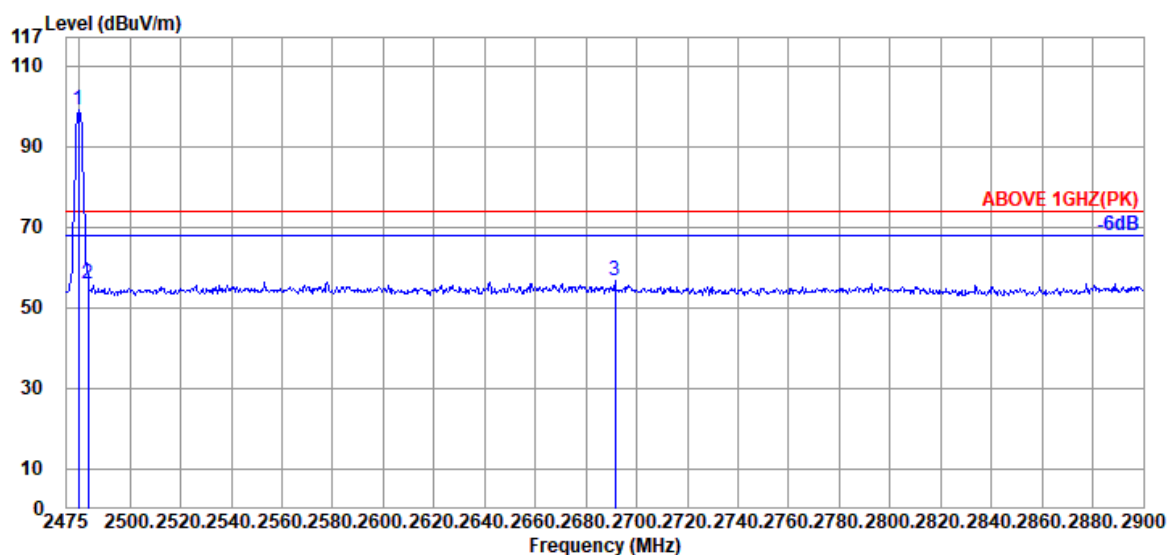


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBMV)	Emission Level (dBMV/m)	Limits (dBMV/m)	Margin (dB)	Detector
2341.600	28.10	5.96	39.96	48.99	43.09	54.00	10.91	Average
2390.000	28.27	6.04	39.95	47.87	42.23	54.00	11.77	Average
@ 2402.000	28.30	6.04	39.95	104.36	98.75	---	---	Average

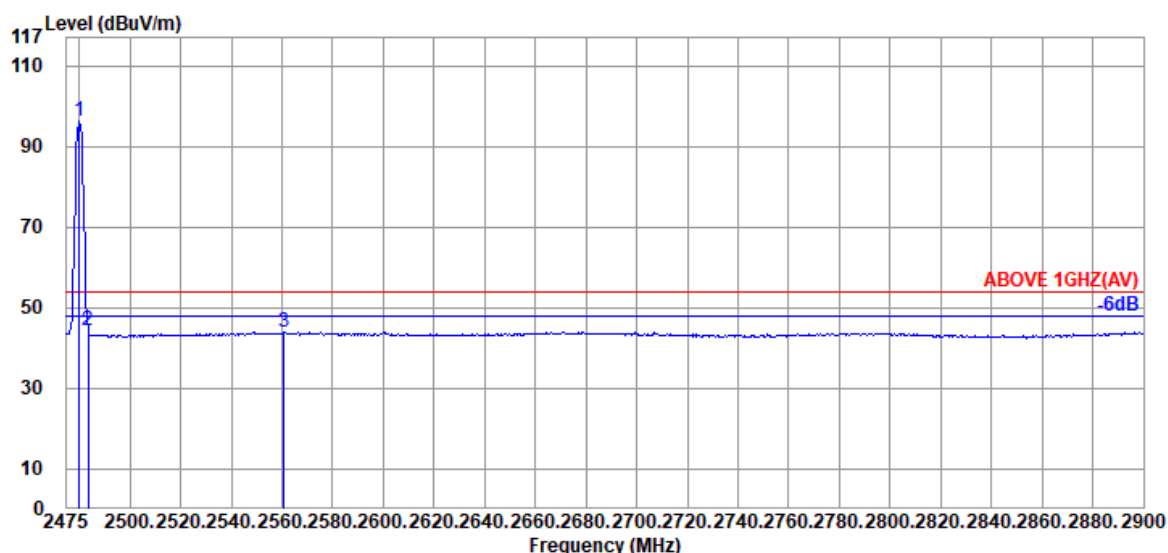
Remark: The “@” means fundamental frequency, it is ignored in this section.

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2479.675	28.56	6.18	39.94	104.18	98.98	---	---	Peak
2483.500	28.57	6.18	39.94	60.98	55.79	74.00	18.21	Peak
2691.325	29.07	6.45	40.00	61.05	56.57	74.00	17.43	Peak

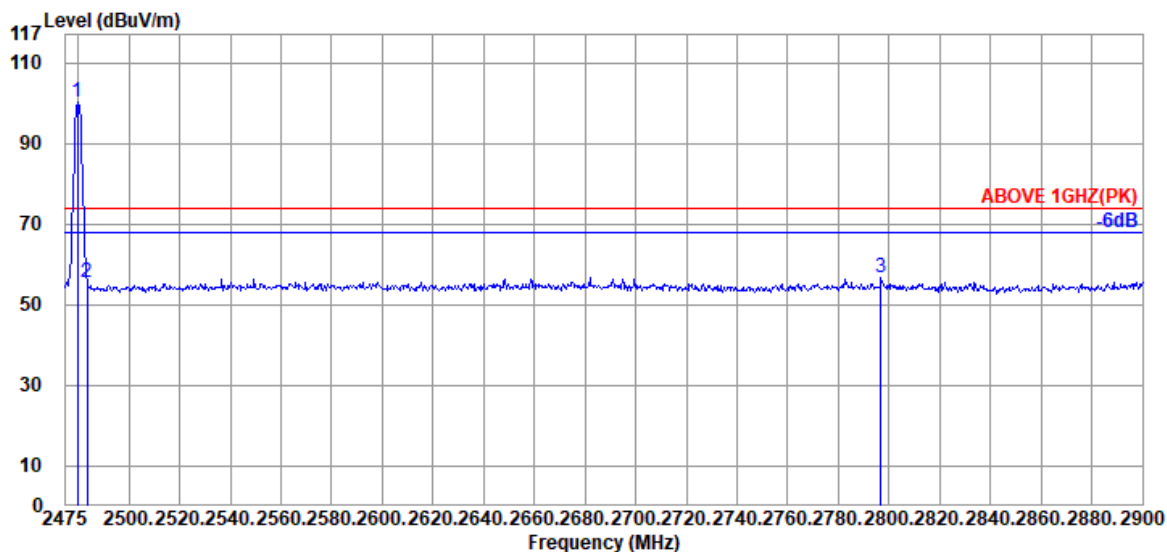


Antenna at Horizontal Polarization

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
@ 2480.100	28.56	6.18	39.94	101.44	96.24	---	---	Average
2483.500	28.57	6.18	39.94	49.54	44.35	54.00	9.65	Average
2560.850	28.83	6.30	39.96	48.94	44.11	54.00	9.89	Average

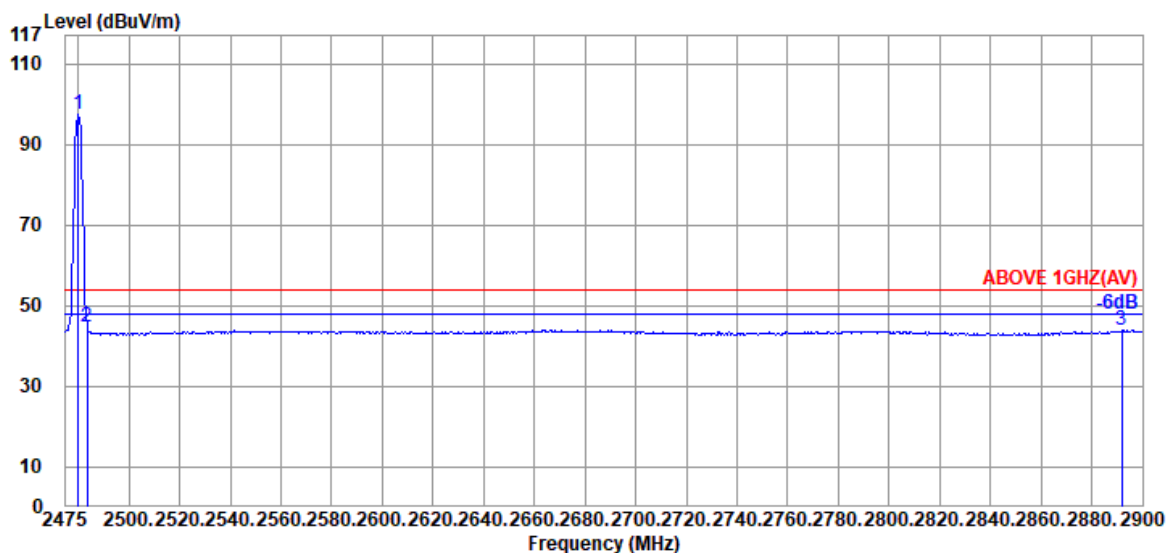
Remark: The “@” means fundamental frequency, it is ignored in this section.

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
@ 2479.675	28.56	6.18	39.94	105.34	100.14	---	---	Peak
2483.500	28.57	6.18	39.94	60.89	55.70	74.00	18.30	Peak
2796.725	28.90	6.60	40.03	61.37	56.84	74.00	17.16	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
@ 2480.100	28.56	6.18	39.94	102.53	97.33	---	---	Average
2483.500	28.57	6.18	39.94	49.93	44.74	54.00	9.26	Average
2891.925	29.50	6.71	40.05	47.90	44.06	54.00	9.94	Average

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

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
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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
4804.000	33.30	8.68	39.39	38.70	41.29	54.00	12.71	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	33.30	8.68	39.39	37.99	40.58	54.00	13.42	Peak

Mode	GFSK	Frequency	TX 2441MHz
------	------	-----------	------------

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	33.40	8.72	39.35	37.77	40.54	54.00	13.46	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	33.40	8.72	39.35	38.30	41.07	74.00	32.93	Peak
14640.000	42.60	16.95	38.08	28.66	50.13	54.00	3.87	Average
14640.000	42.60	16.95	38.08	35.18	56.65	74.00	17.35	Peak

Mode	GFSK	Frequency	TX 2480MHz
------	------	-----------	------------

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	33.55	8.77	39.31	37.82	40.83	74.00	33.17	Peak
14880.000	41.80	17.06	38.37	29.31	49.80	54.00	4.20	Average
14880.000	41.80	17.06	38.37	36.05	56.54	74.00	17.46	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	33.55	8.77	39.31	36.79	39.80	74.00	34.20	Peak
14880.000	41.80	17.06	38.37	32.56	53.05	54.00	0.95	Average
14880.000	41.80	17.06	38.37	39.15	59.64	74.00	14.36	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	2022/04/18	Temp./Hum.	18°C /66%
Cable Loss	0.5dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 20dB Bandwidth Result

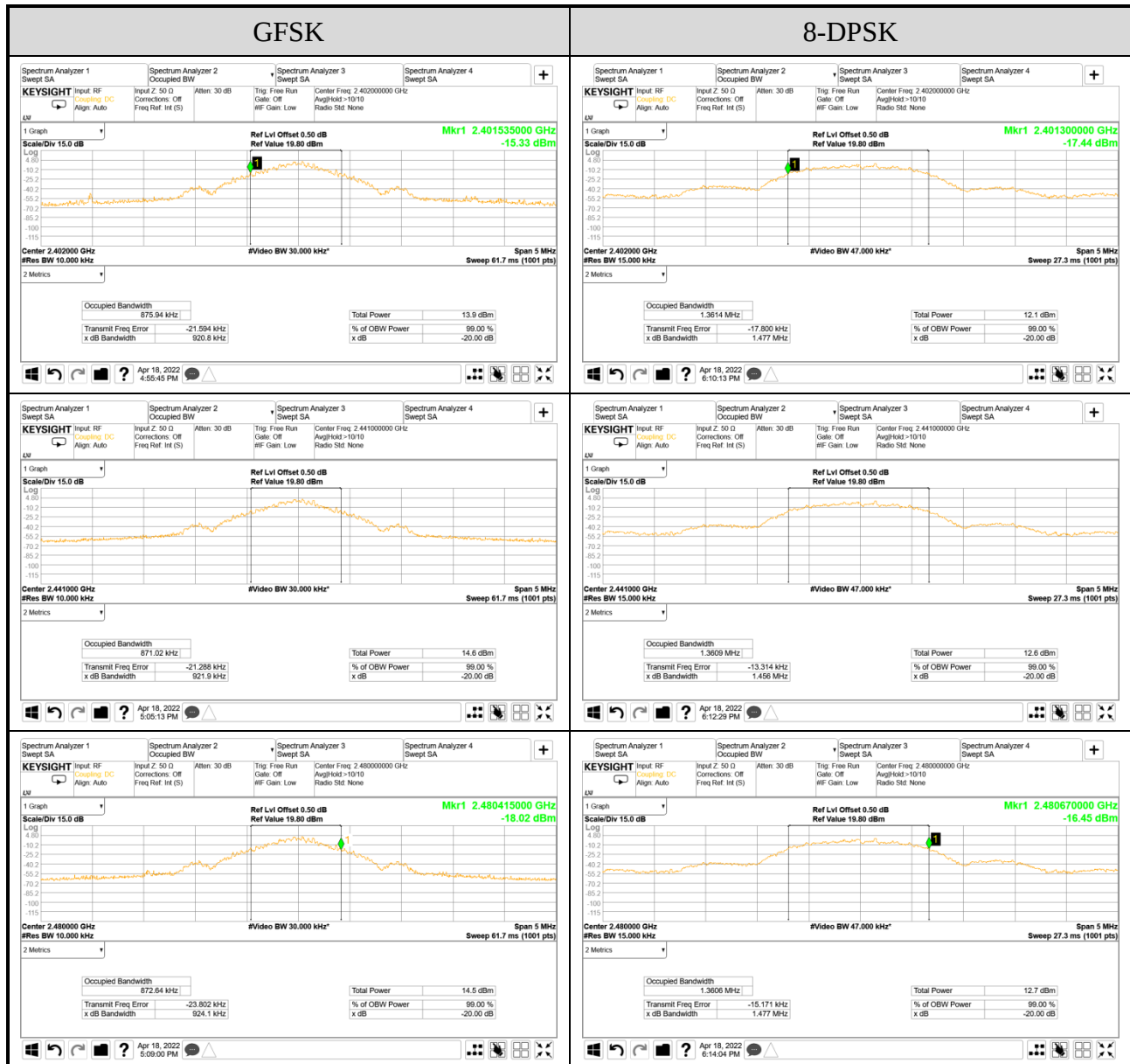
Mode	Centre Frequency (MHz)	20dB Bandwidth (MHz)	99%Occupied Bandwidth (MHz) (Reference only)	2/3 (20dB Bandwidth)
GFSK	2402	0.9208	0.87594	0.614
	2441	0.9219	0.87102	0.615
	2480	0.9241	0.87264	0.616
8-DPSK	2402	1.477	1.3614	0.985
	2441	1.456	1.3609	0.971
	2480	1.477	1.3606	0.985

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

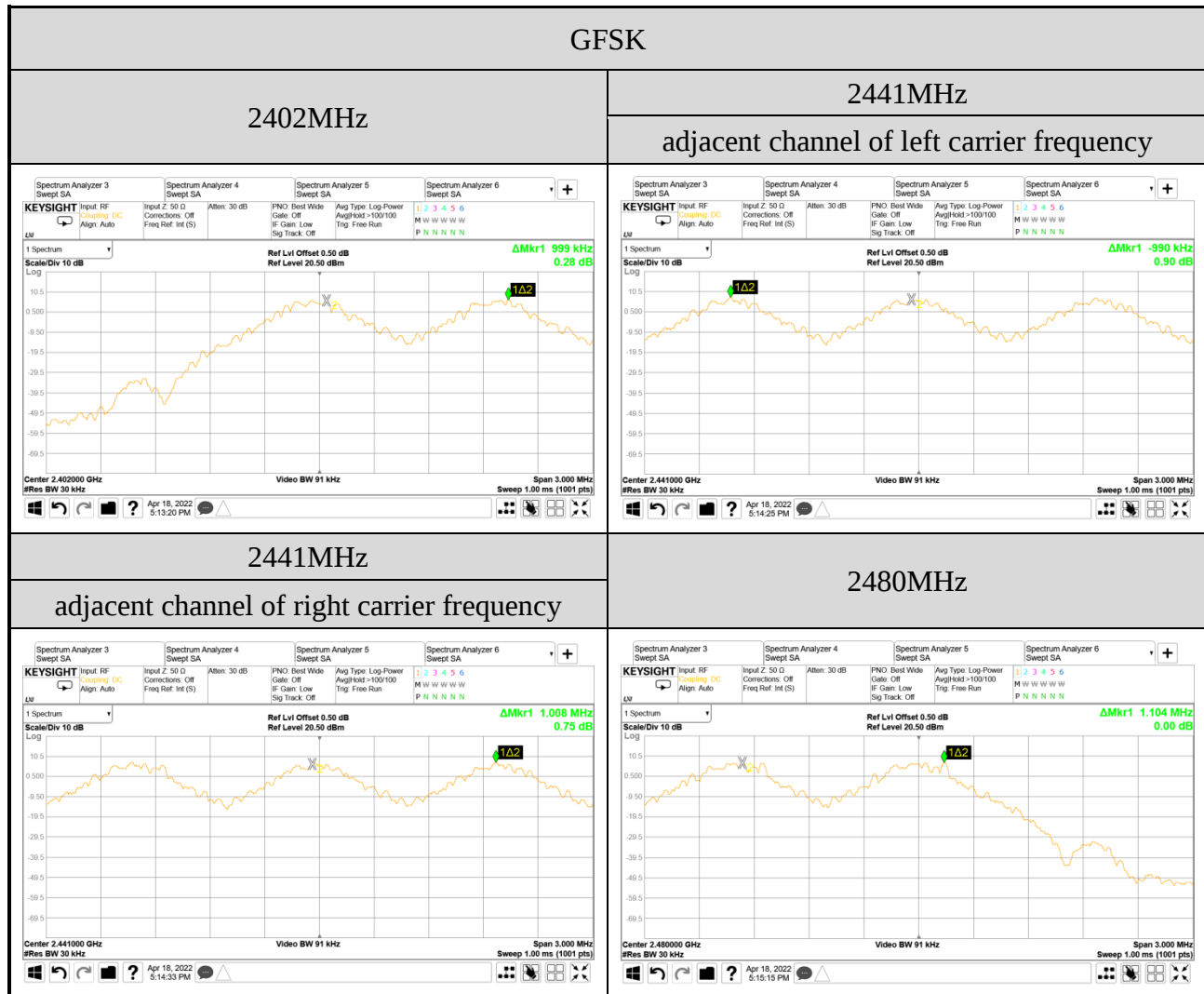


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A.4 CARRIER FREQUENCY SEPARATION

Test Date	2022/04/18	Temp./Hum.	18°C /66%
Cable Loss	0.5dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

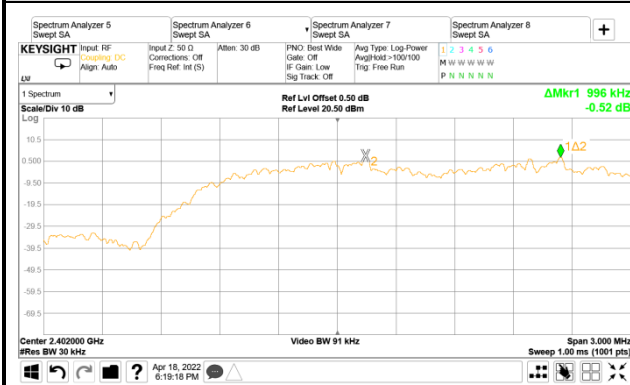


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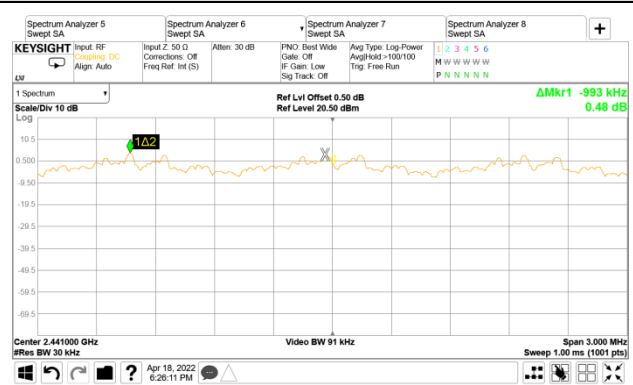
8-DPSK

2402MHz



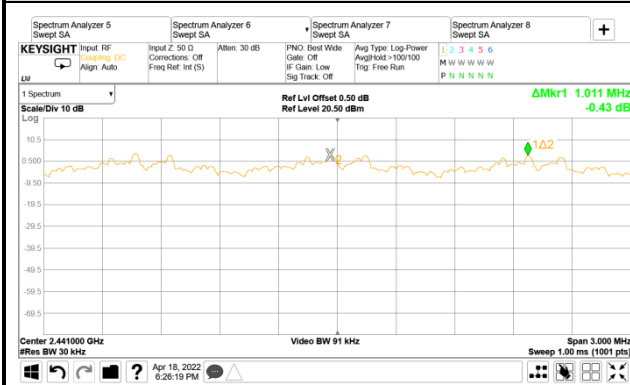
2441MHz

adjacent channel of left carrier frequency

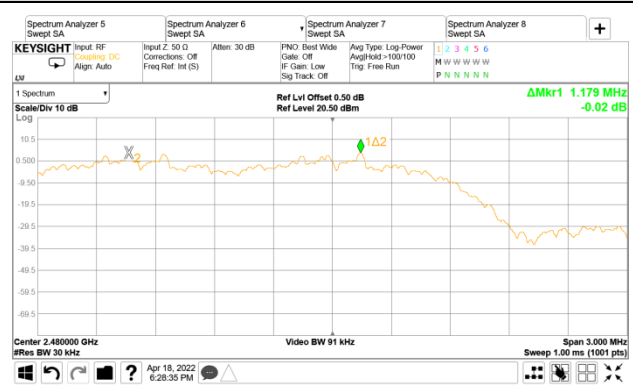


2441MHz

adjacent channel of right carrier frequency



2480MHz



A.5 TIME OF OCCUPANCY

Test Date	2022/04/18	Temp./Hum.	18°C /66%
Cable Loss	0.5dB	Tested By	Sam Chang
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	0.3767	119.037	<400
		DH3	4	1.6350	206.664	<400
		DH5	3	2.8850	273.498	<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
 $10 \text{ transmission} * 31.6 \text{ seconds} * 0.377 \text{ ms} = 119.037 \text{ ms} (<400\text{ms})$

DH3 Mode

For each second of 4 transmission appearance, the longest time of occupancy is
 $4 \text{ transmission} * 31.6 \text{ seconds} * 1.635 \text{ ms} = 206.664 \text{ ms} (<400\text{ms})$

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
 $3 \text{ transmission} * 31.6 \text{ seconds} * 2.885 \text{ ms} = 273.498 \text{ ms} (<400\text{ms})$

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	0.3767	119.037	<400
		DH3	4	1.6350	206.664	<400
		DH5	3	2.8850	273.498	<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
 $10 \text{ transmission} * 31.6 \text{ seconds} * 0.377 \text{ ms} = 119.037 \text{ ms} (<400\text{ms})$

DH3 Mode

For each second of 4 transmission appearance, the longest time of occupancy is
 $4 \text{ transmission} * 31.6 \text{ seconds} * 1.635 \text{ ms} = 206.664 \text{ ms} (<400\text{ms})$

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
 $3 \text{ transmission} * 31.6 \text{ seconds} * 2.885 \text{ ms} = 273.498 \text{ ms} (<400\text{ms})$

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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	0.3842	121.407	<400
		DH3	4	1.6350	206.664	<400
		DH5	3	2.8850	273.498	<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* 0.384 ms= 121.407 ms (<400ms)

DH3 Mode

For each second of 4 transmission appearance, the longest time of occupancy is
4 transmission* 31.6 seconds* 1.635 ms= 206.664 ms (<400ms)

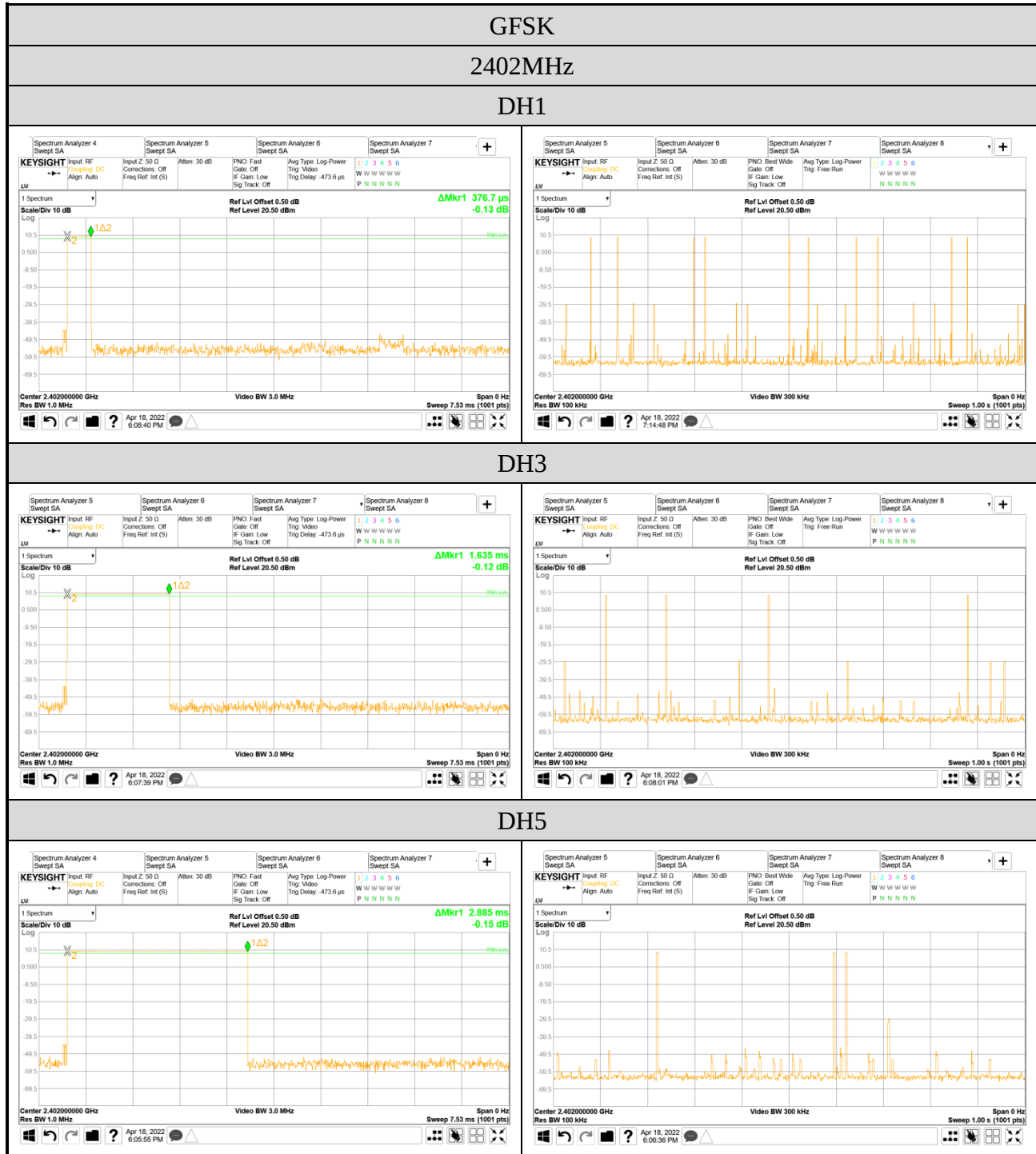
DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.885 ms= 273.498 ms (<400ms)

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● Measurement Plots



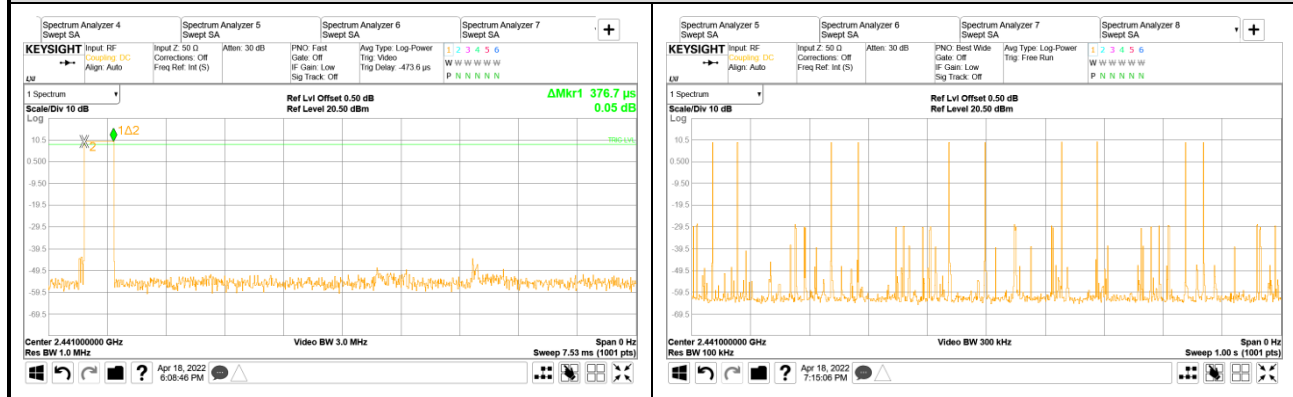
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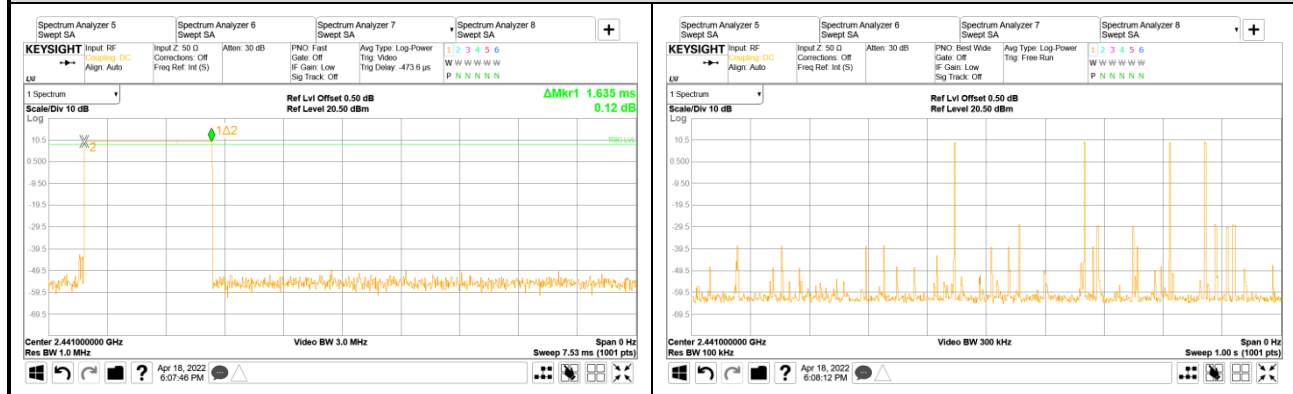
GFSK

2441MHz

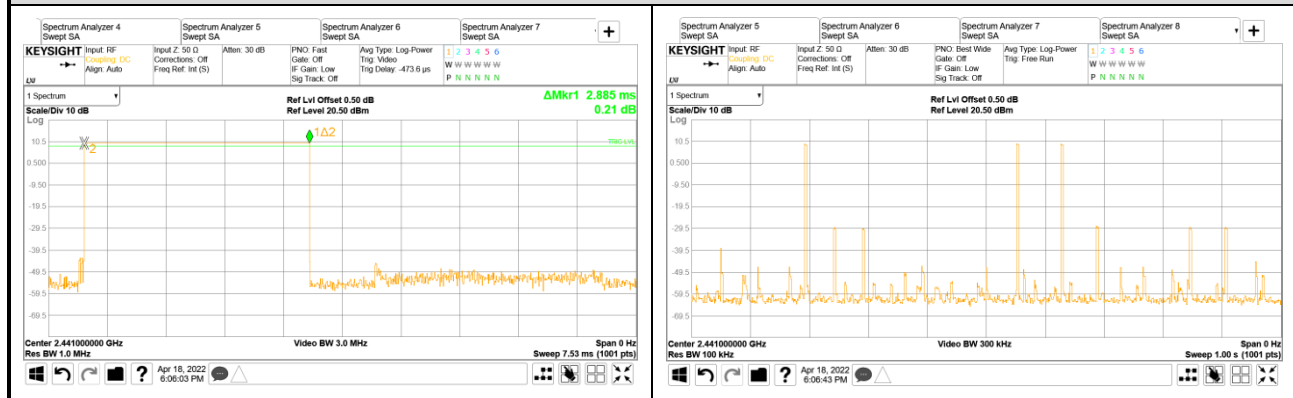
DH1



DH3



DH5



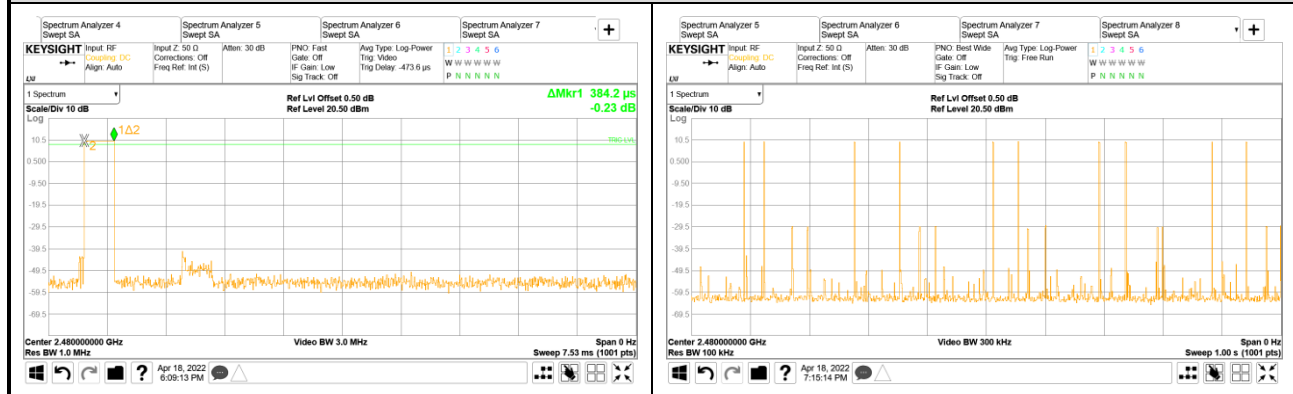
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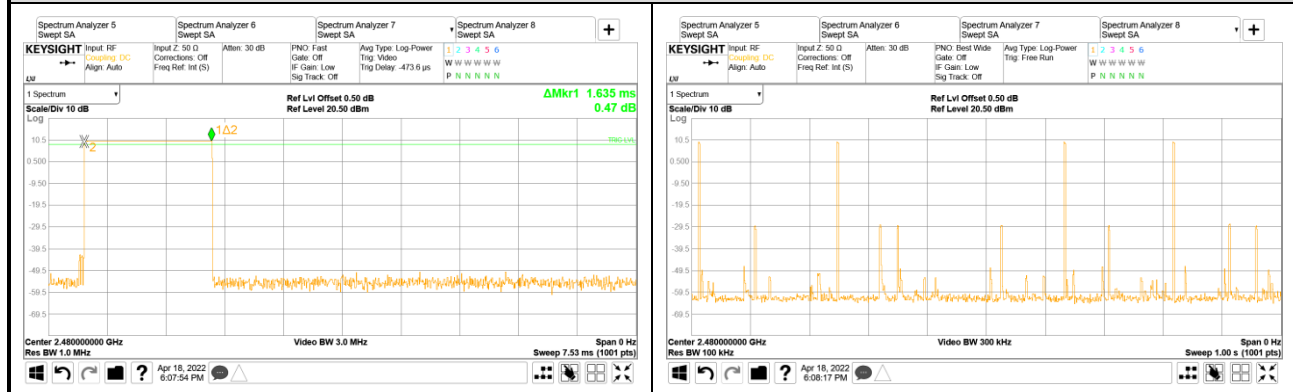
GFSK

2480MHz

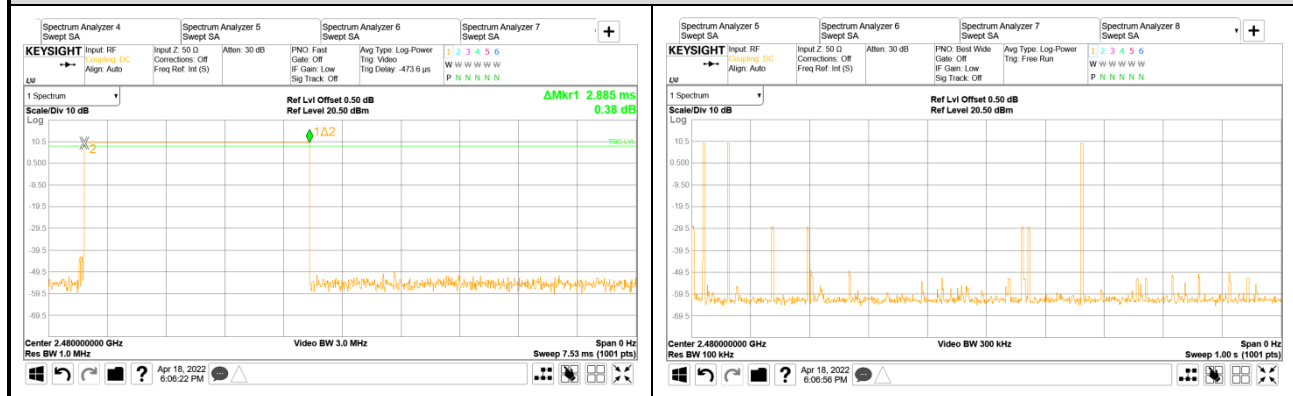
DH1



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	0.3842	121.407	<400
		3DH3	5	1.6420	259.436	<400
		3DH5	3	2.8930	274.256	<400

Observation Period:

 $79 \text{ channels} * 0.4 \text{ seconds} = 31.6 \text{ seconds}$ **3DH1 Mode**

For each second of 10 transmission appearance,the longest time of occupancy is
10 transmission* 31.6 seconds* 0.384 ms= 121.407 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance,the longest time of occupancy is
5 transmission* 31.6 seconds* 1.642 ms= 259.436 ms (<400ms)

3DH5 Mode

For each second of 3 transmission appearance,the longest time of occupancy is
3 transmission* 31.6 seconds* 2.893 ms= 274.256 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	0.3842	121.407	<400
		3DH3	5	1.6420	259.436	<400
		3DH5	3	2.8930	274.256	<400

Observation Period:

 $79 \text{ channels} * 0.4 \text{ seconds} = 31.6 \text{ seconds}$ **3DH1 Mode**

For each second of 10 transmission appearance,the longest time of occupancy is
10 transmission* 31.6 seconds* 0.384 ms= 121.407 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance,the longest time of occupancy is
5 transmission* 31.6 seconds* 1.642 ms= 259.436 ms (<400ms)

3DH5 Mode

For each second of 3 transmission appearance,the longest time of occupancy is
3 transmission* 31.6 seconds* 2.893 ms= 274.256 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	2480	3DH1	10	0.3842	121.407	<400
		3DH3	5	1.6420	259.436	<400
		3DH5	3	2.8930	274.256	<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* 0.384 ms= 121.407 ms (<400ms)

3DH3 Mode

For each second of 5 transmission appearance, the longest time of occupancy is
5 transmission* 31.6 seconds* 1.642 ms= 259.436 ms (<400ms)

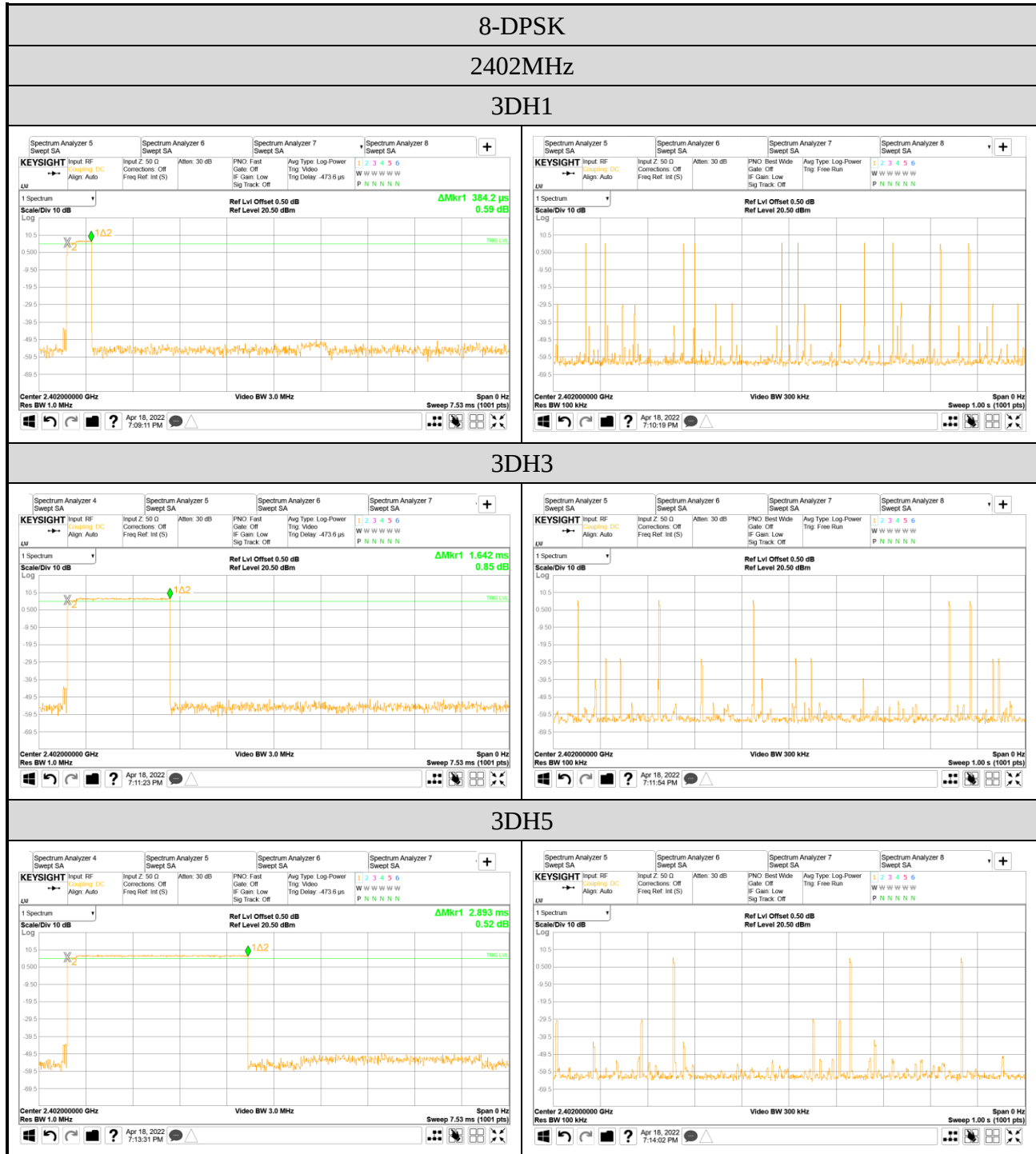
3DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.893 ms= 274.256 ms (<400ms)

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● Measurement Plots



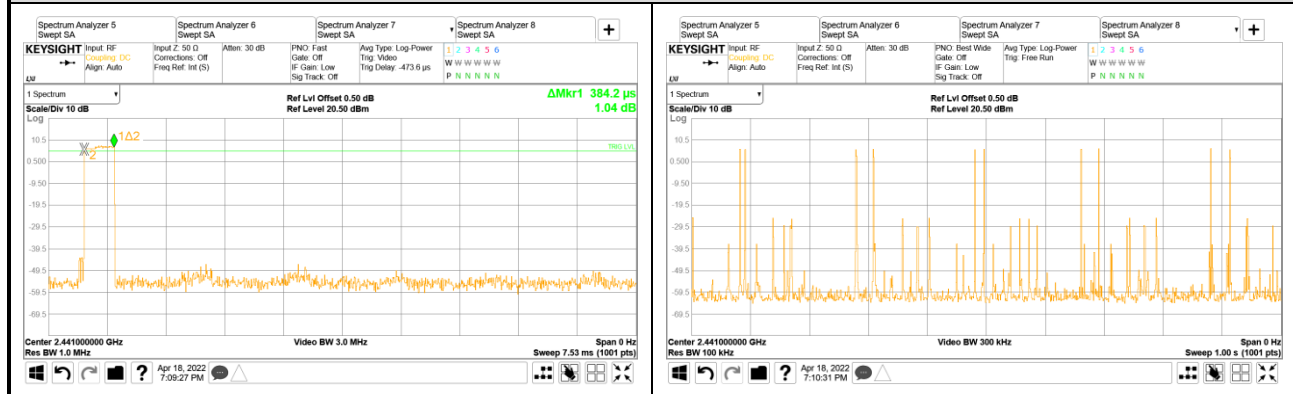
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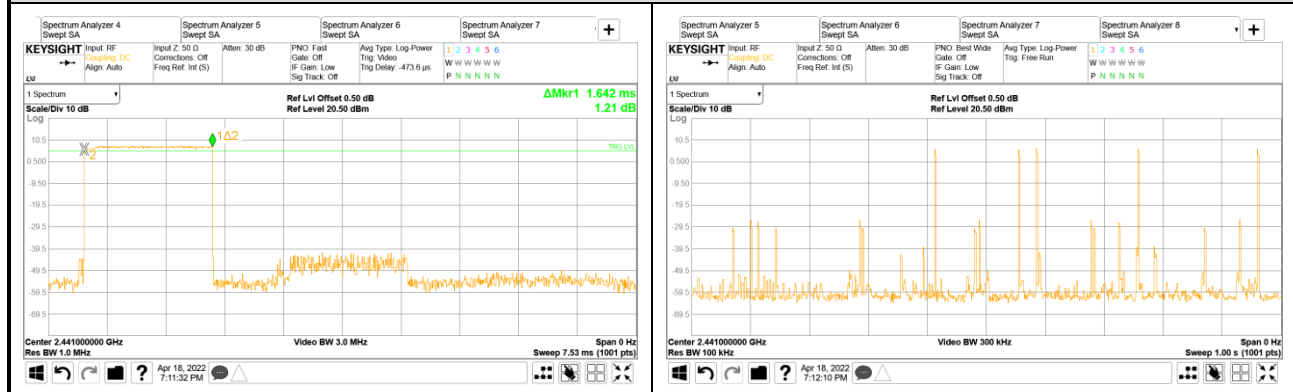
8-DPSK

2441MHz

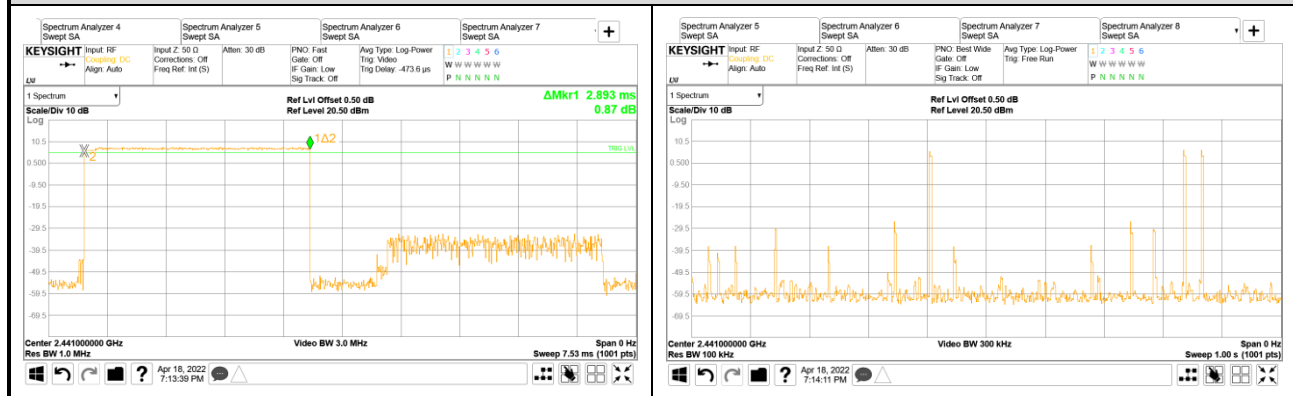
3DH1



3DH3



3DH5



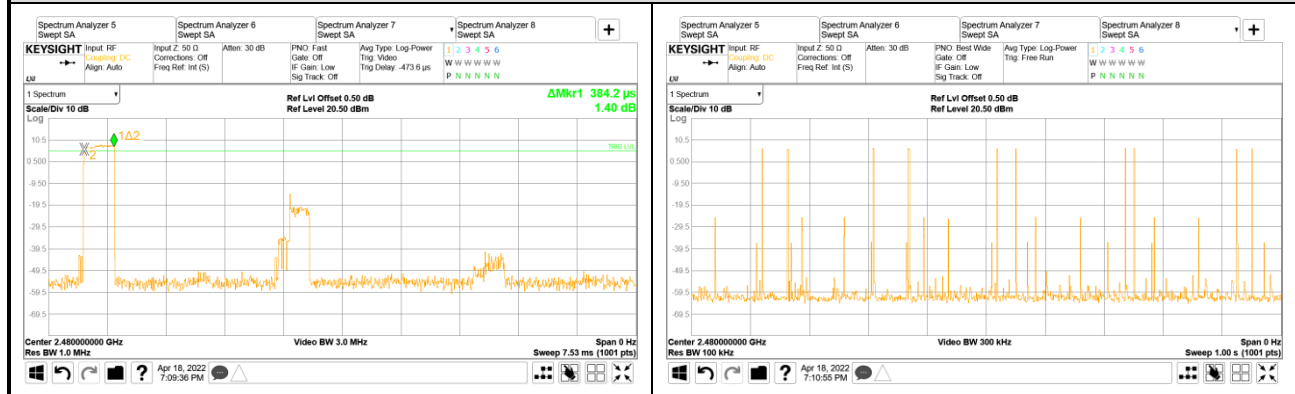
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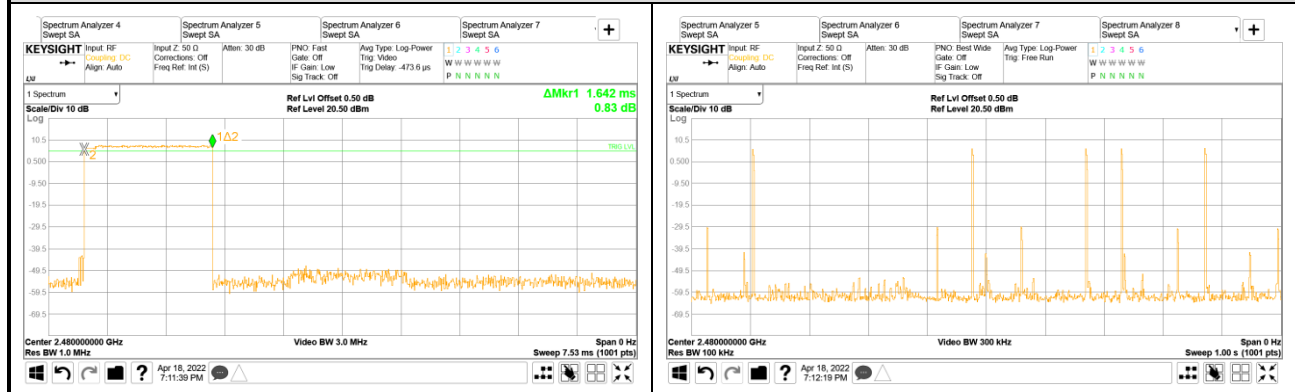
8-DPSK

2480MHz

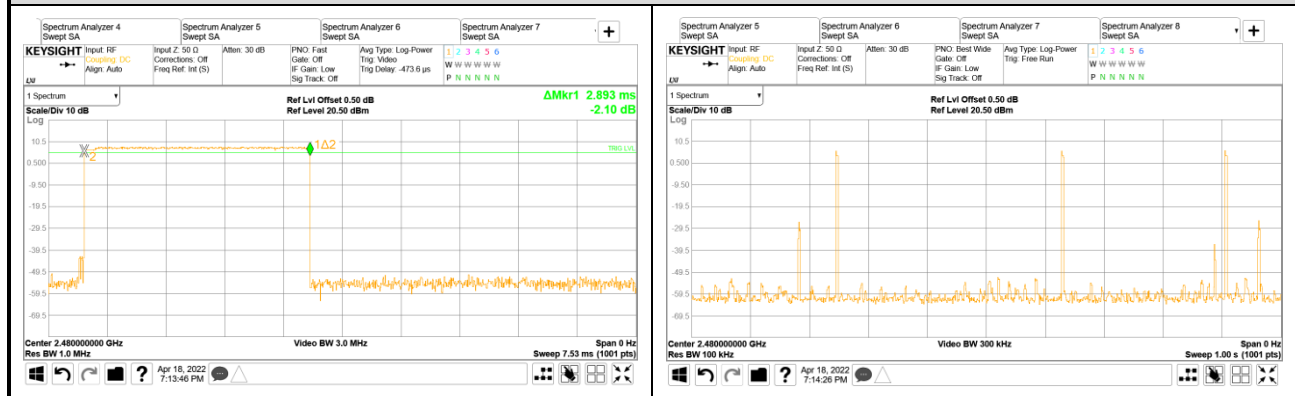
3DH1



3DH3



3DH5

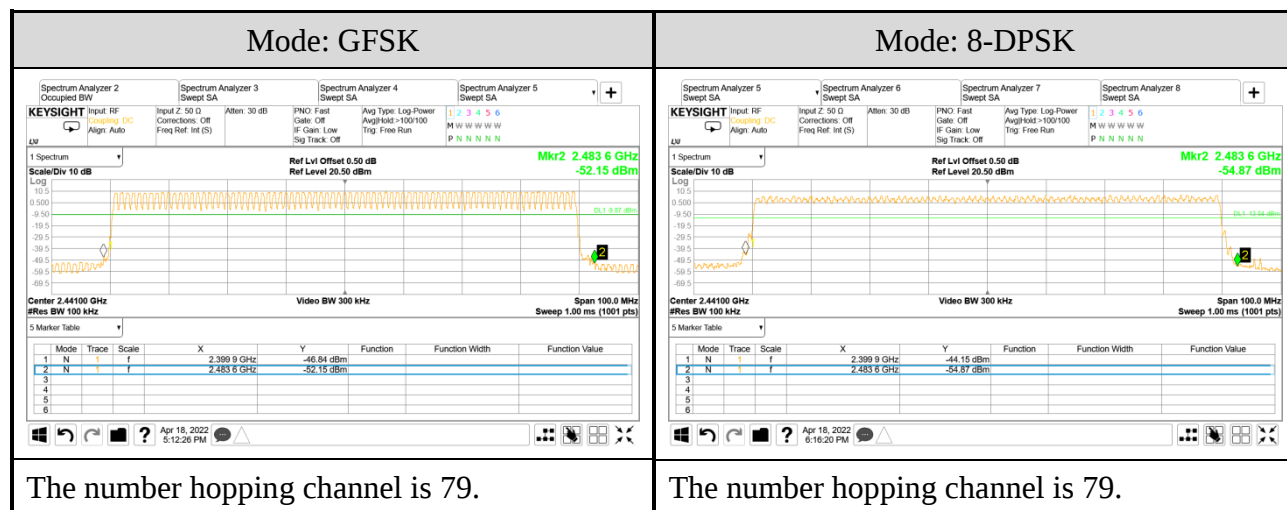


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A.6 NUMBER OF HOPPING CHANNELS

Test Date	2022/04/18	Temp./Hum.	18°C /66%
Cable Loss	0.5dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



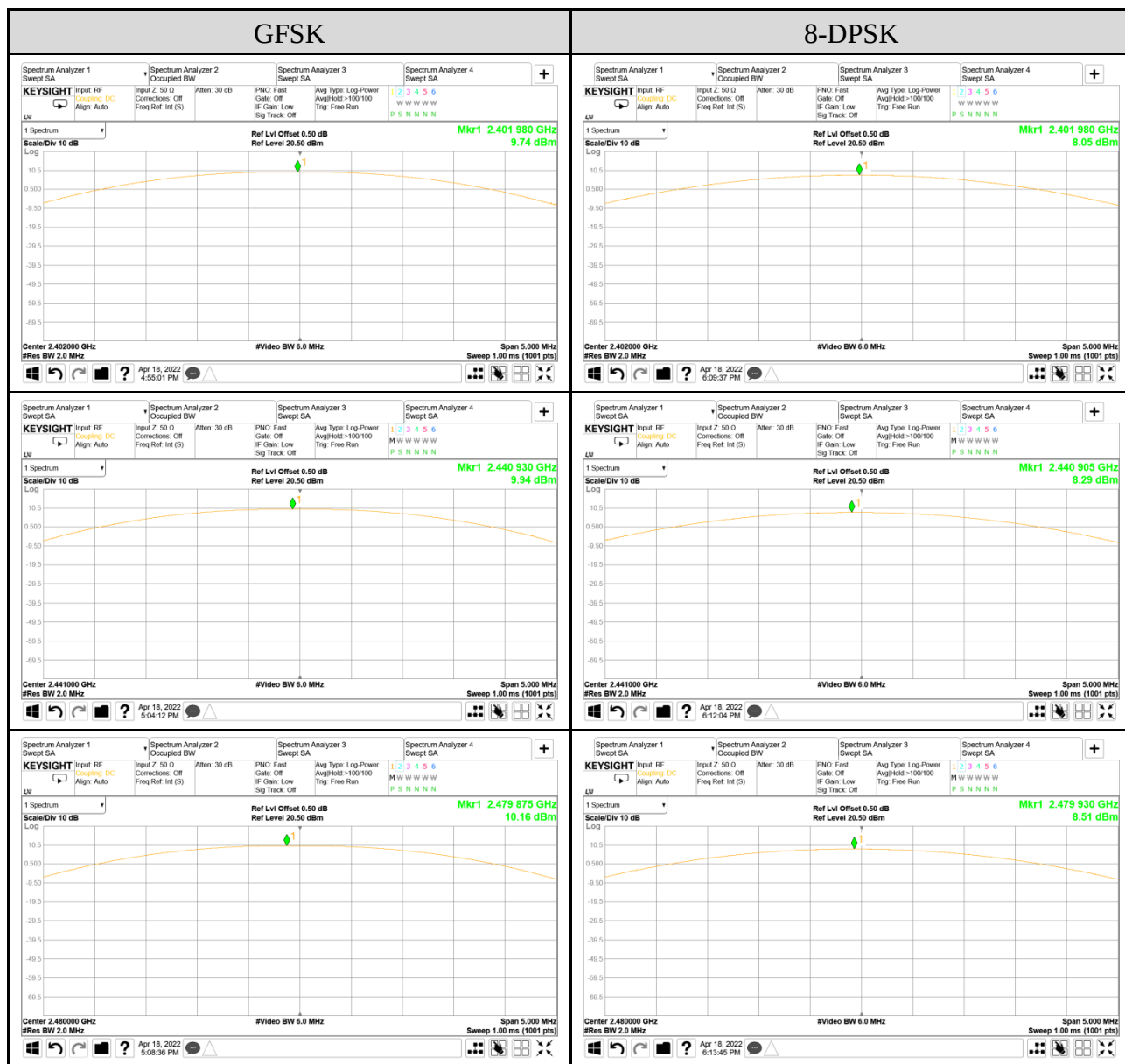
A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2022/04/18	Temp./Hum.	18°C/66%
Cable Loss	0.5dB	Tested By	Sam Chang
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	9.74	0.009	21dBm (0.125W)
	2441	9.94	0.010	
	2480	10.16	0.010	
8-DPSK	2402	8.05	0.006	
	2441	8.29	0.007	
	2480	8.51	0.007	

A.7.2 Measurement Plots



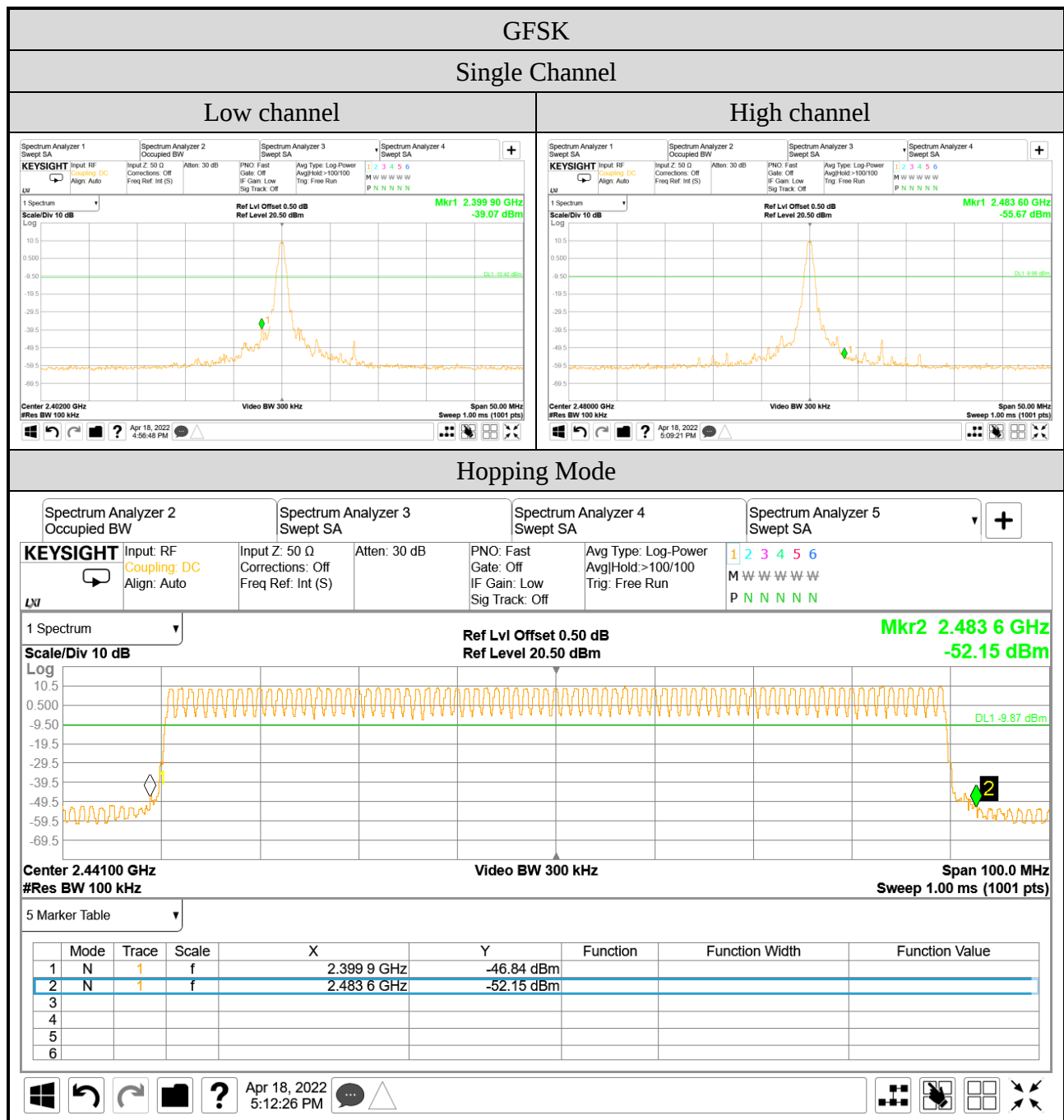
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A.8 EMISSION LIMITATIONS MEASUREMENT

Test Date	2022/04/18	Temp./Hum.	18°C /66%
Cable Loss	0.5dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Band Edge



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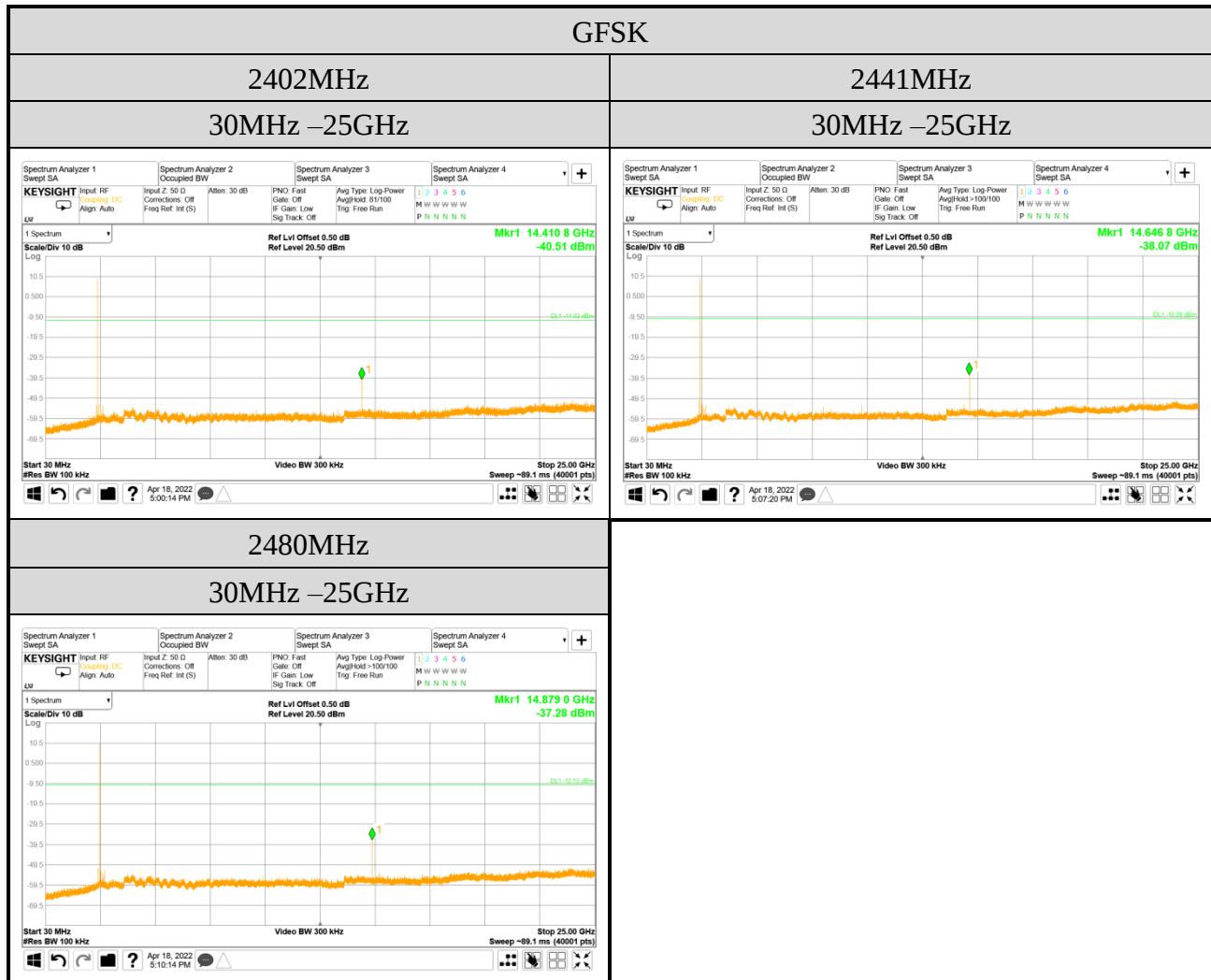
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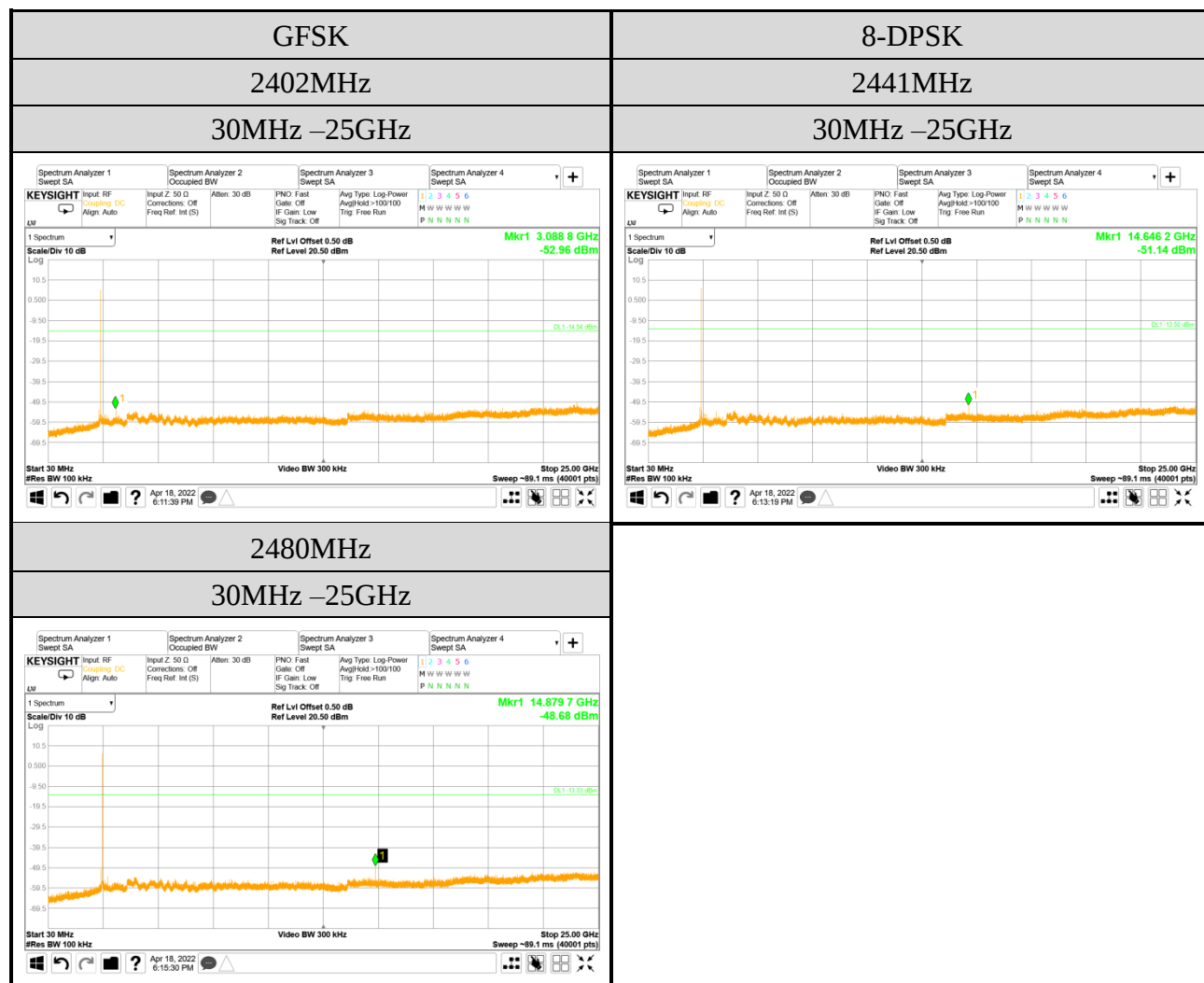
A.8.2 Spurious Emission



Note: All results have been included cable loss.

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Note: All results have been included cable loss.