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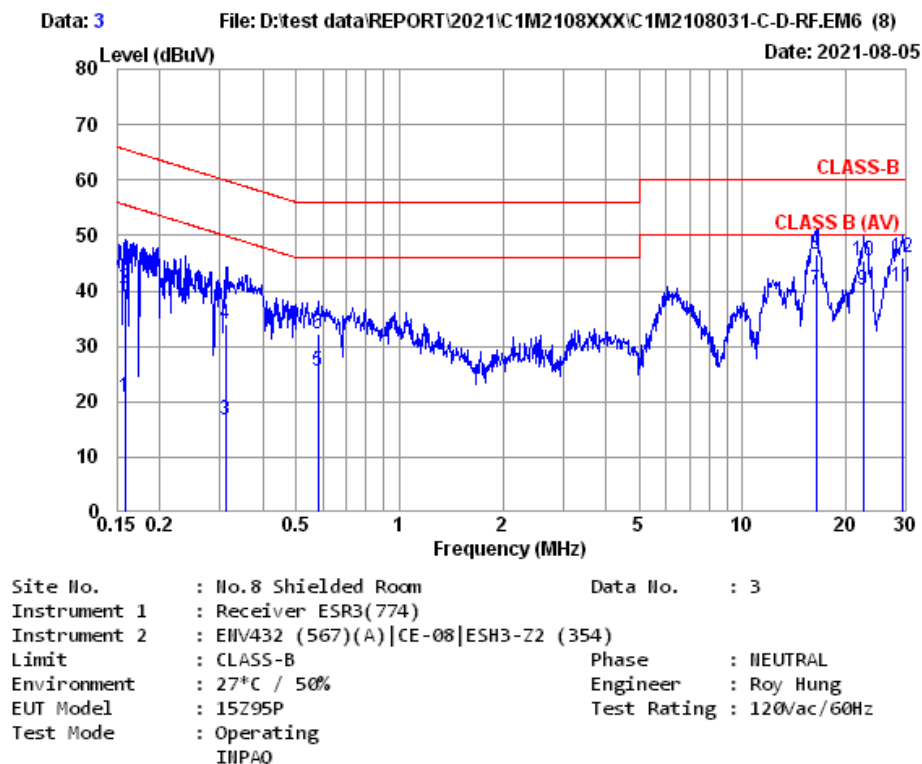
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A.1 CONDUCTED EMISSION

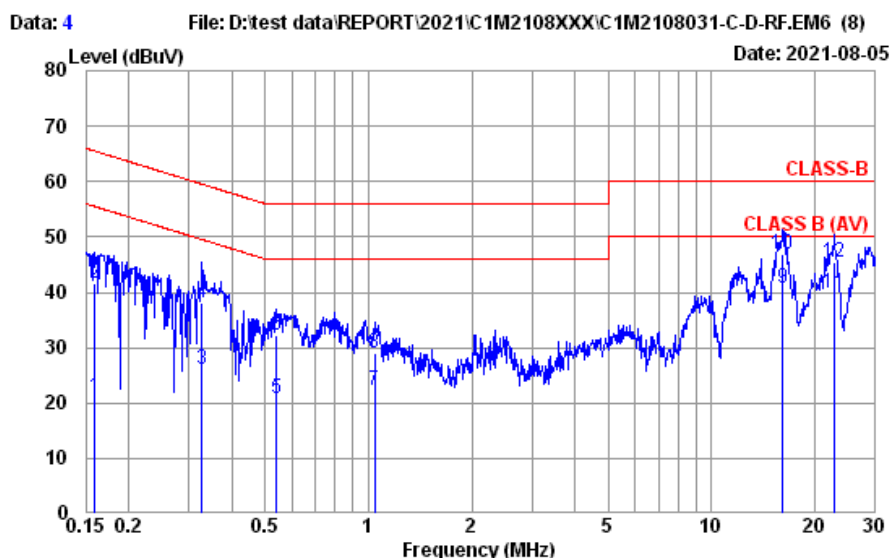
Test Date	2021/08/02	Temp./Hum.	27°C/50%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #1 (with INPAQ Antenna)		



	Freq. (MHz)	AMM Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.158	10.41	0.03	9.85	0.55	20.84	55.56	34.72	Average
2	0.158	10.41	0.03	9.85	20.24	40.53	65.56	25.03	QP
3	0.312	10.38	0.03	9.85	-3.55	16.71	49.93	33.22	Average
4	0.312	10.38	0.03	9.85	13.82	34.08	59.93	25.85	QP
5	0.579	10.37	0.03	9.85	5.15	25.40	46.00	20.60	Average
6	0.579	10.37	0.03	9.85	12.09	32.34	56.00	23.66	QP
7	16.398	10.98	0.18	9.92	19.08	40.16	50.00	9.84	Average
8	16.398	10.98	0.18	9.92	25.38	46.46	60.00	13.54	QP
9	22.416	11.18	0.21	9.95	18.77	40.11	50.00	9.89	Average
10	22.416	11.18	0.21	9.95	24.01	45.35	60.00	14.65	QP
11	29.371	11.36	0.24	10.00	19.14	40.74	50.00	9.26	Average
12	29.371	11.36	0.24	10.00	24.54	46.14	60.00	13.86	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.

Test Date	2021/08/02	Temp./Hum.	27°C/50%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #1 (with INPAQ Antenna)		



Site No. : No.8 Shielded Room Data No. : 4
Instrument 1 : Receiver ESR3(774)
Instrument 2 : EHV432 (567)(A) | CE-08 | ESH3-Z2 (354)
Limit : CLASS-B Phase : LINE
Environment : 27°C / 50% Engineer : Roy Hung
EUT Model : 15Z95P Test Rating : 120Vac/60Hz
Test Mode : Operating
INPAQ

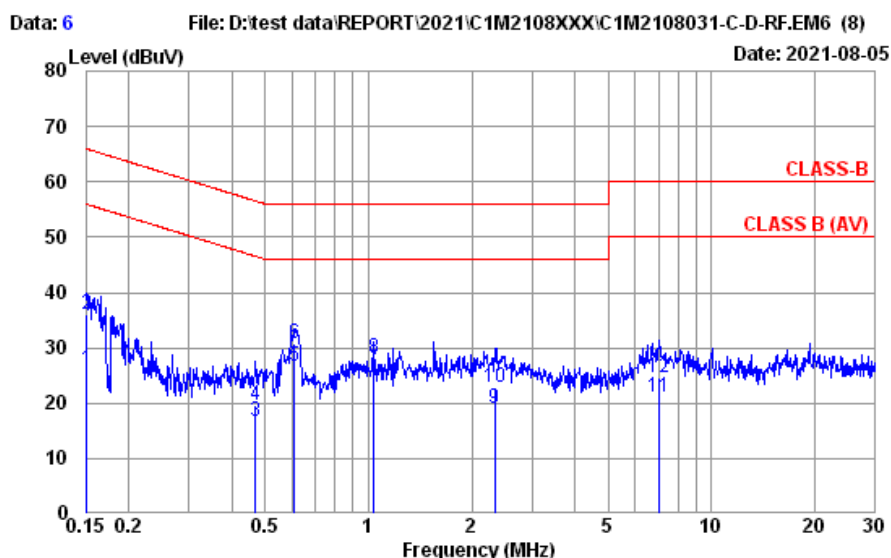
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.159	10.40	0.03	9.85	0.85	21.13	55.52	34.39	Average
2	0.159	10.40	0.03	9.85	21.28	41.56	65.52	23.96	QP
3	0.327	10.38	0.03	9.85	5.90	26.16	49.53	23.37	Average
4	0.327	10.38	0.03	9.85	17.82	38.08	59.53	21.45	QP
5	0.541	10.37	0.03	9.85	0.52	20.77	46.00	25.23	Average
6	0.541	10.37	0.03	9.85	11.84	32.09	56.00	23.91	QP
7	1.043	10.38	0.04	9.85	1.93	22.20	46.00	23.80	Average
8	1.043	10.38	0.04	9.85	8.80	29.07	56.00	26.93	QP
9	16.140	10.71	0.18	9.92	20.05	40.86	50.00	9.14	Average
10	16.140	10.71	0.18	9.92	26.14	46.95	60.00	13.05	QP
11	22.775	10.80	0.21	9.96	18.96	39.93	50.00	10.07	Average
12	22.775	10.80	0.21	9.96	24.55	45.52	60.00	14.48	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	2021/08/02	Temp./Hum.	27°C/50%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #2 (with LUXSHARE-ICT Antenna)		



Site No. : No.8 Shielded Room Data No. : 6
Instrument 1 : Receiver ESR3(774)
Instrument 2 : EHV432 (567)(A) | CE-08 | ESH3-Z2 (354)
Limit : CLASS-B Phase : NEUTRAL
Environment : 27°C / 50% Engineer : Roy Hung
EUT Model : 15Z95P Test Rating : 120Vac/60Hz
Test Mode : Operating
LUXSHARE

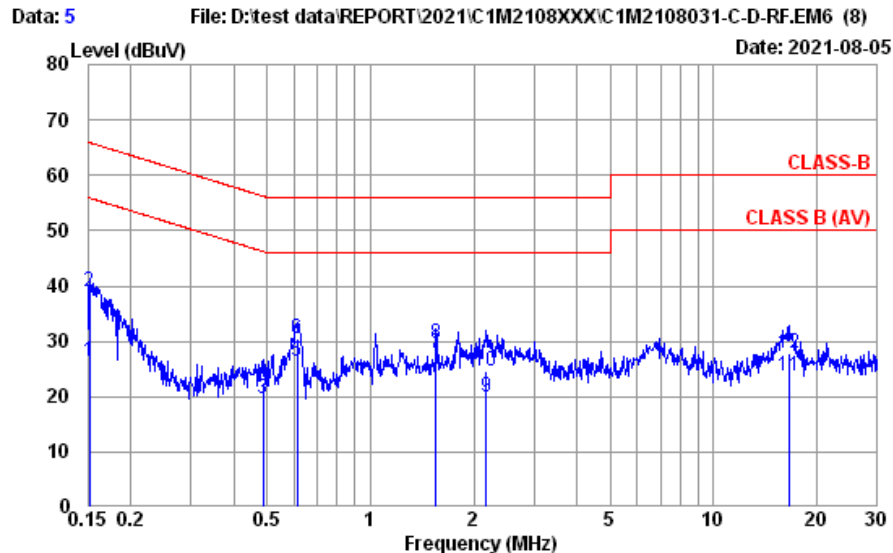
	Freq. (MHz)	AMF Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	10.41	0.03	9.85	5.74	26.03	55.96	29.93	Average
2	0.151	10.41	0.03	9.85	15.85	36.14	65.96	29.82	QP
3	0.469	10.37	0.03	9.85	-3.66	16.59	46.54	29.95	Average
4	0.469	10.37	0.03	9.85	-0.49	19.76	56.54	36.78	QP
5	0.608	10.37	0.03	9.85	6.43	26.68	46.00	19.32	Average
6	0.608	10.37	0.03	9.85	10.61	30.86	56.00	25.14	QP
7	1.037	10.38	0.04	9.85	5.87	26.14	46.00	19.86	Average
8	1.037	10.38	0.04	9.85	7.98	28.25	56.00	27.75	QP
9	2.334	10.42	0.07	9.86	-1.43	18.92	46.00	27.08	Average
10	2.334	10.42	0.07	9.86	2.42	22.77	56.00	33.23	QP
11	7.025	10.59	0.12	9.87	0.64	21.22	50.00	28.78	Average
12	7.025	10.59	0.12	9.87	3.98	24.56	60.00	35.44	QP

Remarks: 1. Emission Level= AMF 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	2021/08/02	Temp./Hum.	27°C/50%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #2 (with LUXSHARE-ICT Antenna)		



Site No. : No.8 Shielded Room Data No. : 5
Instrument 1 : Receiver ESR3(774)
Instrument 2 : EHV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : CLASS-B Phase : LIIE
Environment : 27°C / 50% Engineer : Roy Hung
EUT Model : 15295P Test Rating : 120Vac/60Hz
Test Mode : Operating
LUXSHARE

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	10.40	0.03	9.85	6.05	26.33	55.91	29.58	Average
2	0.152	10.40	0.03	9.85	18.63	38.91	65.91	27.00	QP
3	0.486	10.37	0.03	9.85	-0.74	19.51	46.23	26.72	Average
4	0.486	10.37	0.03	9.85	2.36	22.61	56.23	33.62	QP
5	0.611	10.37	0.03	9.85	6.09	26.34	46.00	19.66	Average
6	0.611	10.37	0.03	9.85	10.11	30.36	56.00	25.64	QP
7	1.552	10.39	0.05	9.86	7.51	27.81	46.00	18.19	Average
8	1.552	10.39	0.05	9.86	9.35	29.65	56.00	26.35	QP
9	2.178	10.40	0.06	9.86	-0.49	19.83	46.00	26.17	Average
10	2.178	10.40	0.06	9.86	4.18	24.50	56.00	31.50	QP
11	16.661	10.71	0.18	9.92	3.01	23.82	50.00	26.18	Average
12	16.661	10.71	0.18	9.92	7.17	27.98	60.00	32.02	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	2021/08/09 ~ 13	Temp./Hum.	25 ~ 27°C/53 ~ 62%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Kuper Hsu
Test SKU	SKU #1 (with INPAQ Antenna)		

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 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
31.940	22.59	0.46	28.37	31.15	25.83	40.00	14.17	Peak
160.950	15.57	1.10	27.86	39.41	28.22	43.50	15.28	Peak
299.660	18.87	1.58	27.50	35.73	28.68	46.00	17.32	Peak
370.470	20.55	1.78	28.01	35.99	30.31	46.00	15.69	Peak
876.810	26.05	2.99	28.46	29.62	30.20	46.00	15.80	Peak
996.120	26.98	3.28	28.13	29.54	31.67	54.00	22.33	Peak

Antenna at Vertical Polarization

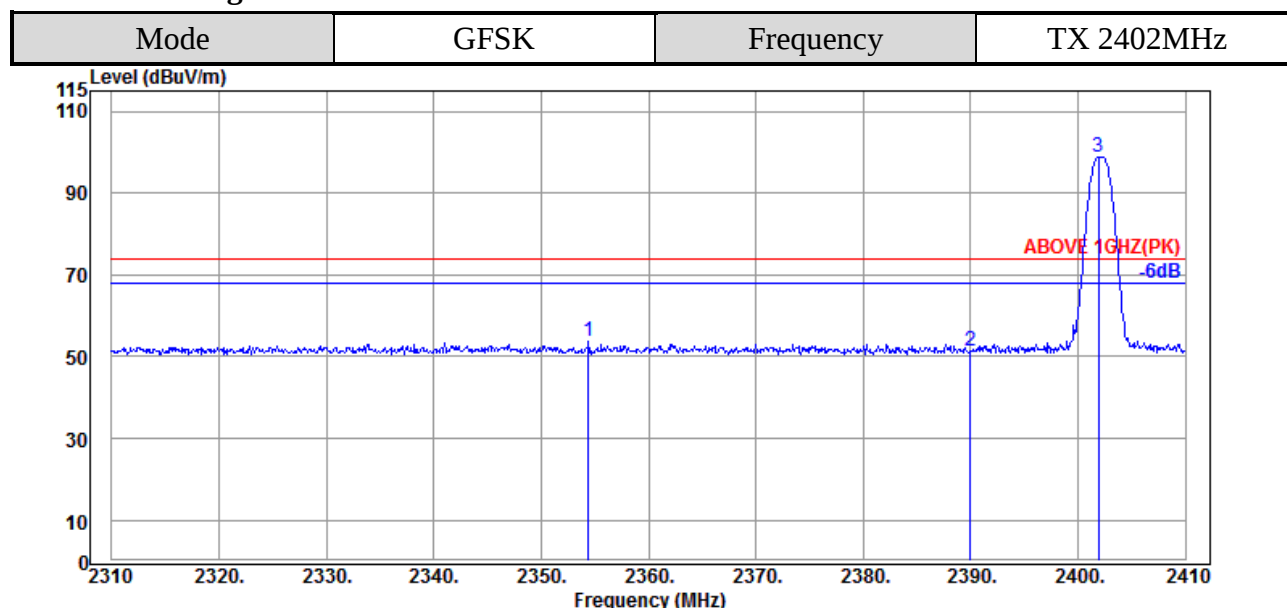
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48.430	14.46	0.58	28.35	48.06	34.75	40.00	5.25	Peak
120.210	17.82	0.94	28.05	39.14	29.85	43.50	13.65	Peak
250.190	18.03	1.42	27.60	37.59	29.44	46.00	16.56	Peak
698.330	24.59	2.60	28.88	30.33	28.64	46.00	17.36	Peak
827.340	25.67	2.88	28.60	30.53	30.48	46.00	15.52	Peak
991.270	26.93	3.26	28.15	28.79	30.83	54.00	23.17	Peak

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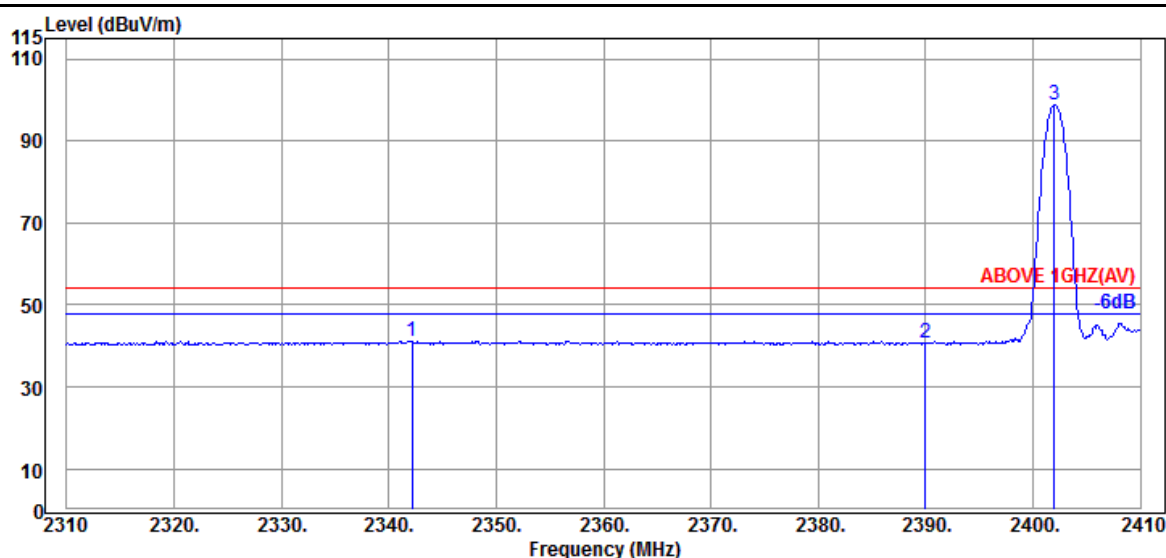
A.2.1.3 Frequency Above 1 GHz to 10th harmonics

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
2354.400	32.10	7.93	34.53	48.25	53.75	74.00	20.25	Peak
2390.000	31.89	7.95	34.54	46.11	51.41	74.00	22.59	Peak
@ 2401.900	31.80	7.95	34.54	93.72	98.93	---	---	Peak

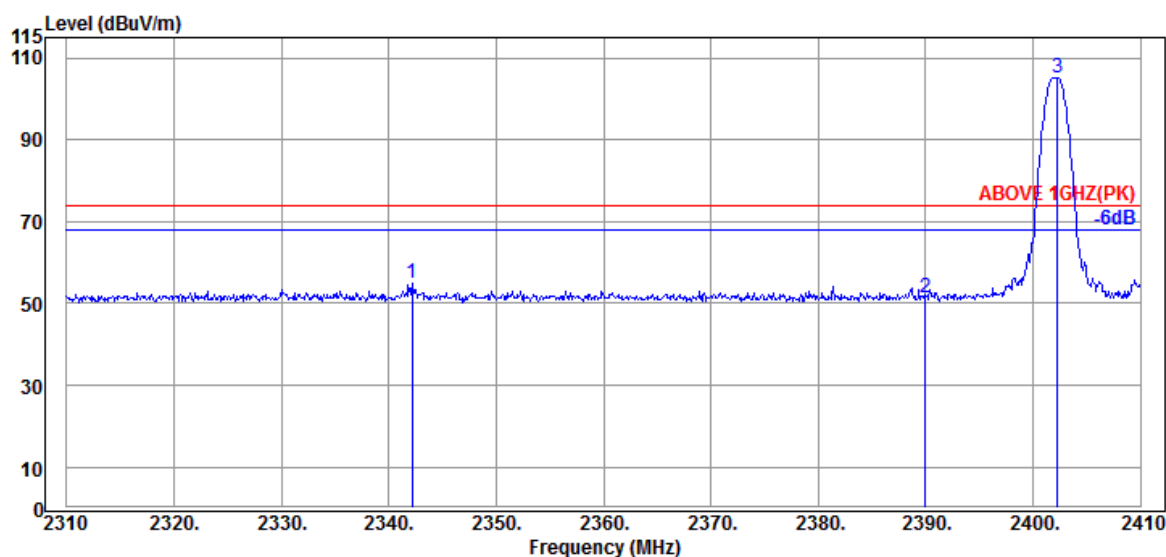


Antenna at Horizontal Polarization

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
2342.200	32.05	7.92	34.53	35.79	41.23	54.00	12.77	Average
2390.000	31.89	7.95	34.54	35.47	40.77	54.00	13.23	Average
@ 2402.000	31.80	7.95	34.54	93.54	98.75	---	---	Average

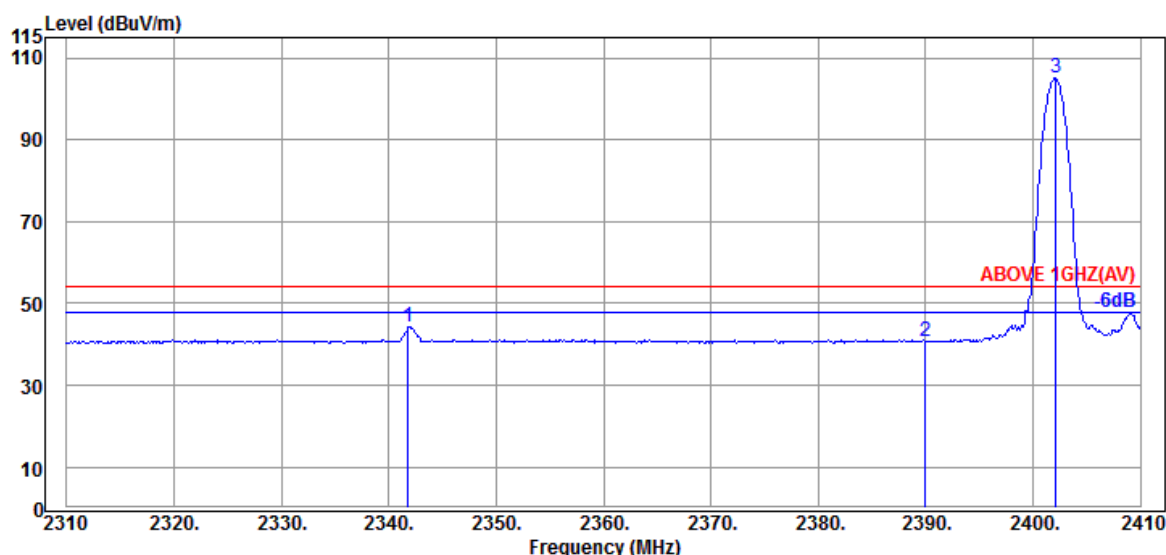
Remark: The “@” means fundamental frequency, it is ignored in this section.

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 (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2342.200	32.05	7.92	34.53	49.46	54.90	74.00	19.10	Peak
2390.000	31.89	7.95	34.54	45.99	51.29	74.00	22.71	Peak
@ 2402.300	31.80	7.95	34.54	99.99	105.20	---	---	Peak



Antenna at Vertical Polarization

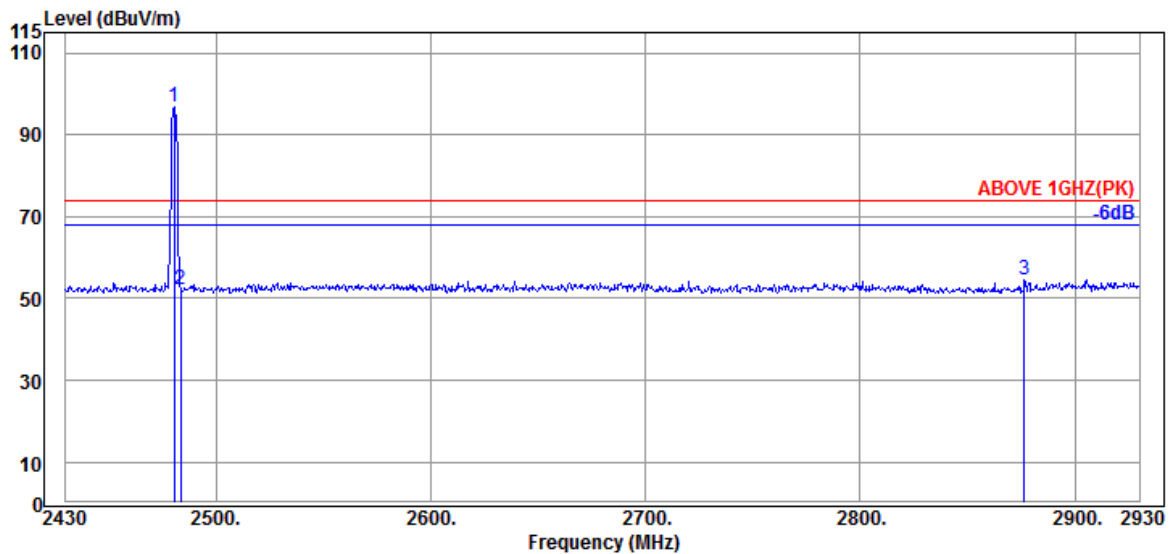
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2341.800	32.05	7.92	34.53	38.69	44.13	54.00	9.87	Average
2390.000	31.89	7.95	34.54	35.21	40.51	54.00	13.49	Average
@ 2402.100	31.80	7.95	34.54	99.77	104.98	---	---	Average

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

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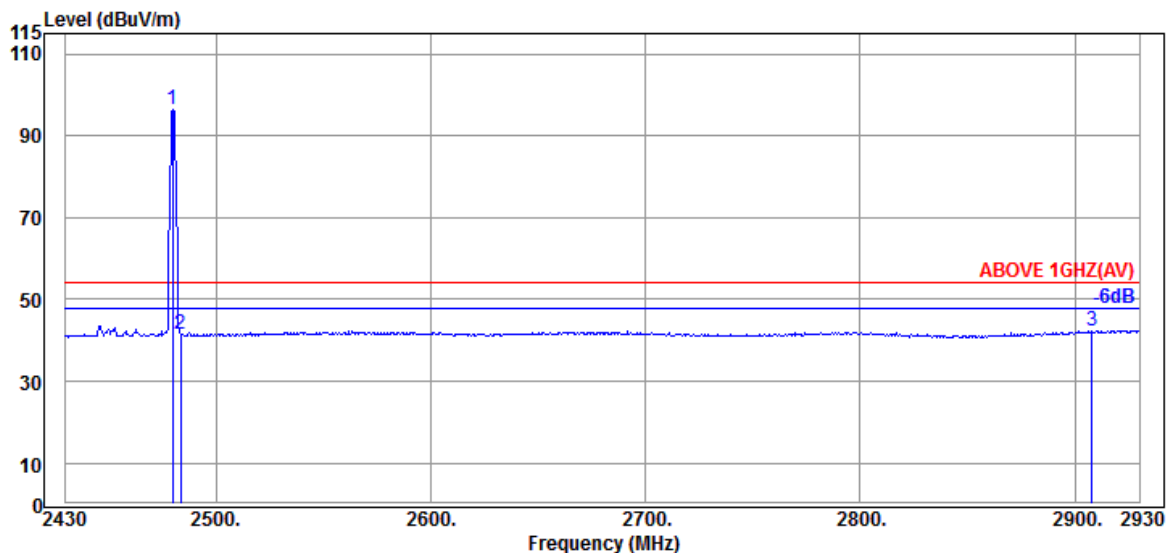
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.500	32.30	7.99	34.55	91.12	96.86	---	---	Peak
2483.500	32.30	7.99	34.55	46.51	52.25	74.00	21.75	Peak
2876.500	32.53	8.17	34.64	48.40	54.46	74.00	19.54	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	32.30	7.99	34.55	90.88	96.62	---	---	Average
2483.500	32.30	7.99	34.55	35.66	41.40	54.00	12.60	Average
2908.000	32.77	8.18	34.64	36.14	42.45	54.00	11.55	Average

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

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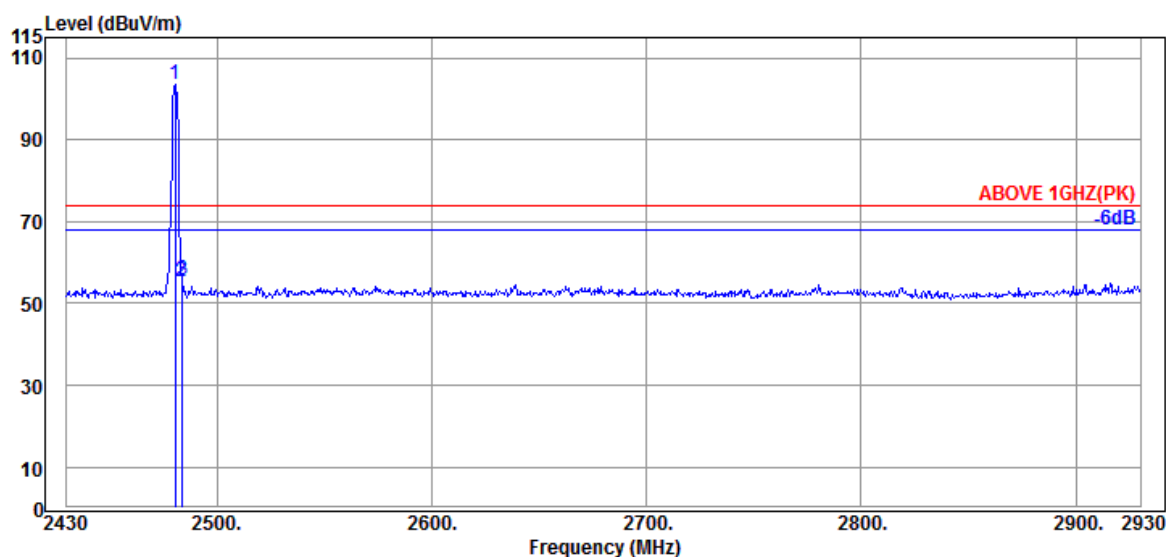
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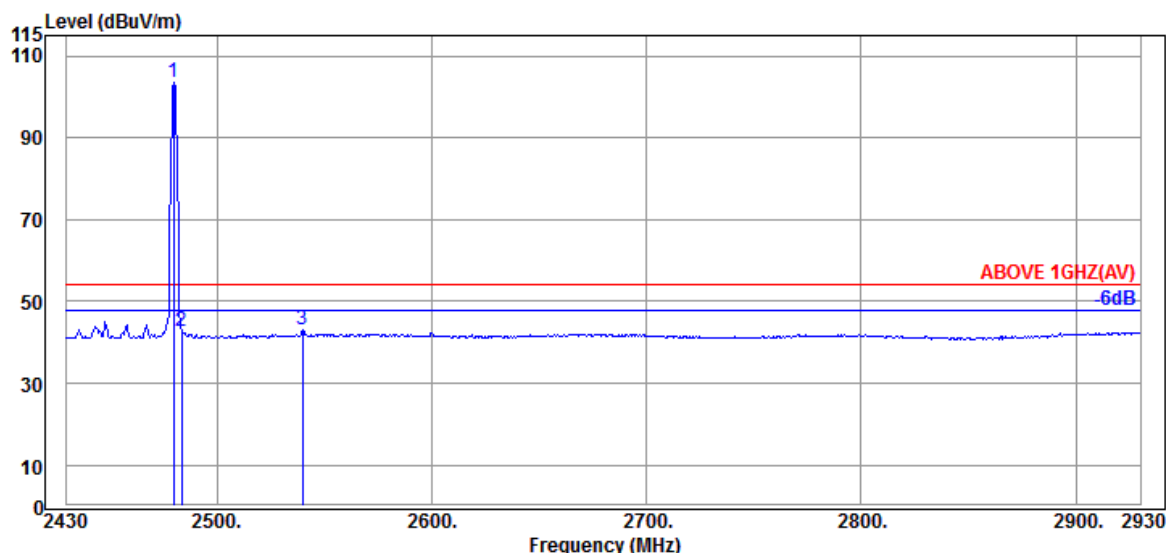
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Mode	GFSK	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

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
@ 2480.500	32.30	7.99	34.55	97.86	103.60	---	---	Peak
2483.500	32.30	7.99	34.55	49.53	55.27	74.00	18.73	Peak
2484.000	32.30	7.99	34.55	49.91	55.65	74.00	18.35	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	32.30	7.99	34.55	97.63	103.37	---	---	Average
2483.500	32.30	7.99	34.55	36.92	42.66	54.00	11.34	Average
2540.000	32.47	8.02	34.57	37.31	43.23	54.00	10.77	Average

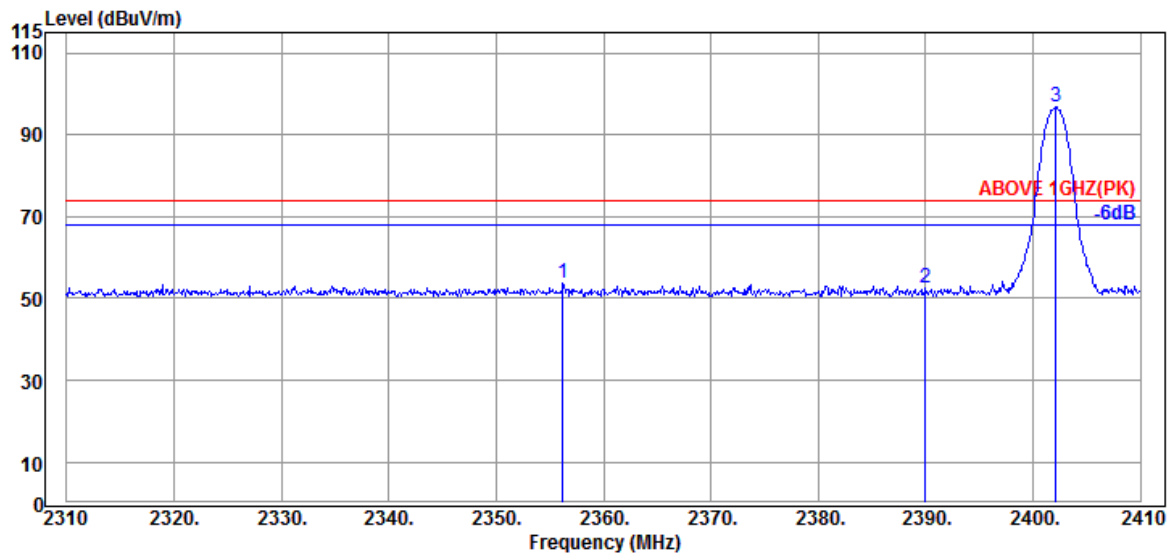
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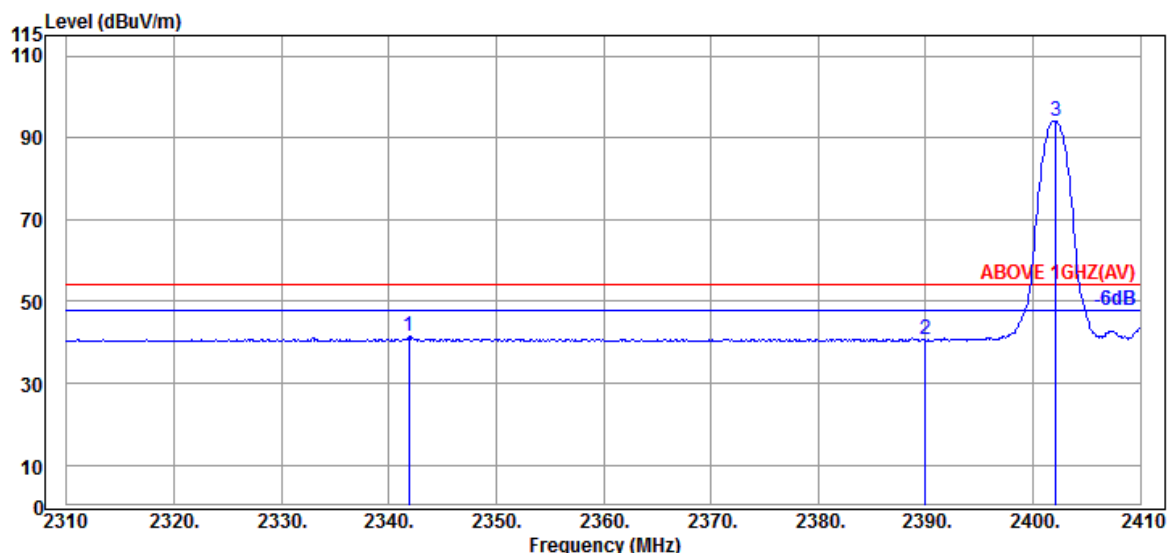
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Mode	8-DPSK	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

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
2356.200	32.06	7.93	34.53	48.32	53.78	74.00	20.22	Peak
2390.000	31.89	7.95	34.54	47.11	52.41	74.00	21.59	Peak
@ 2402.100	31.80	7.95	34.54	91.49	96.70	---	---	Peak

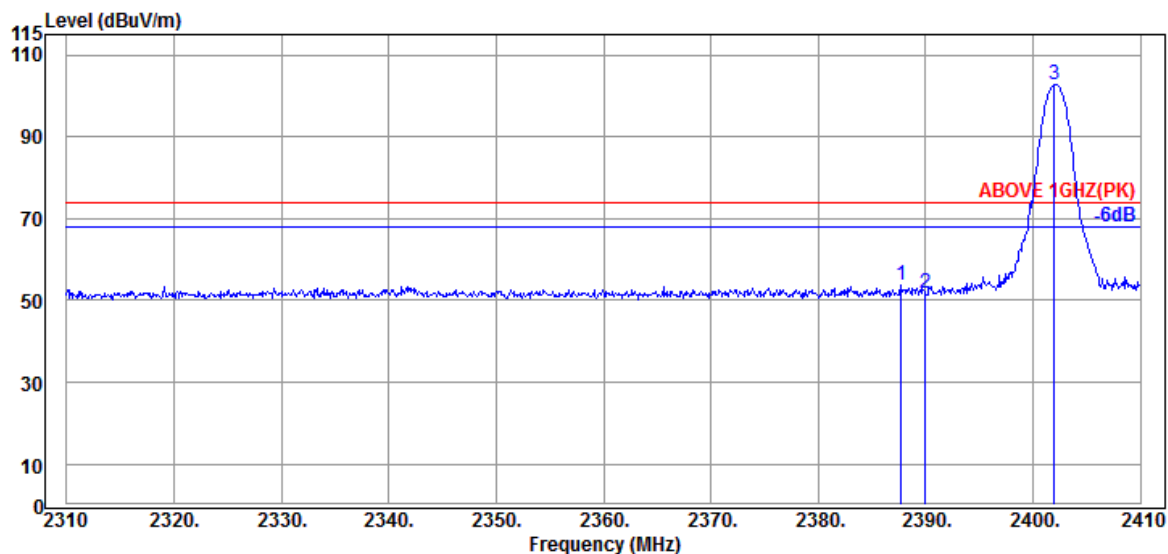


Antenna at Horizontal Polarization

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
2341.900	32.05	7.92	34.53	36.03	41.47	54.00	12.53	Average
2390.000	31.89	7.95	34.54	35.33	40.63	54.00	13.37	Average
@ 2402.100	31.80	7.95	34.54	88.96	94.17	---	---	Average

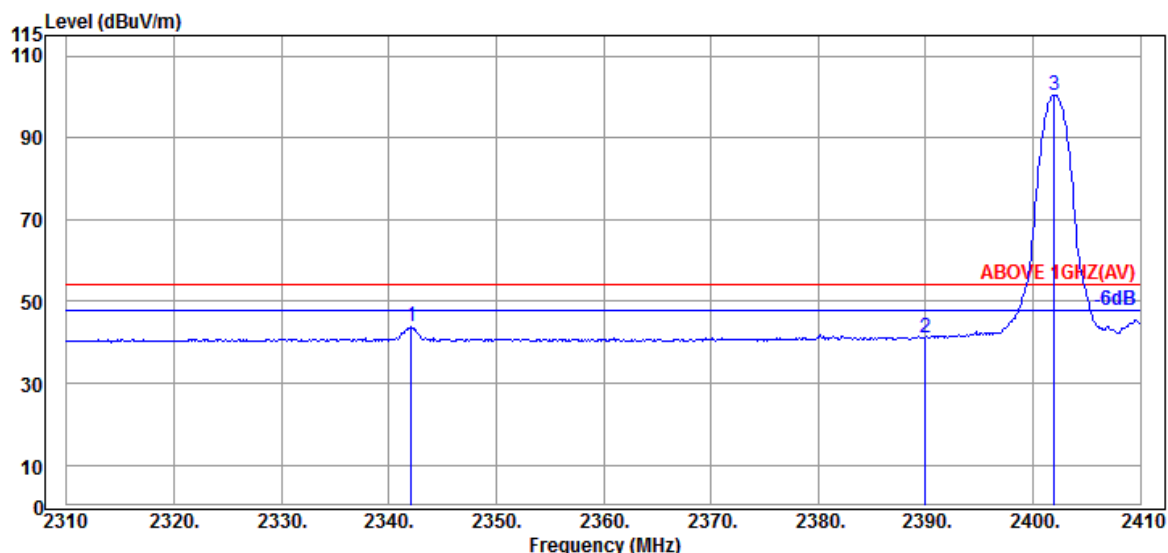
Remark: The “@” means fundamental frequency, it is ignored in this section.

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 (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.700	31.89	7.95	34.53	48.36	53.67	74.00	20.33	Peak
2390.000	31.89	7.95	34.54	46.44	51.74	74.00	22.26	Peak
@ 2402.000	31.80	7.95	34.54	97.64	102.85	---	---	Peak



Antenna at Vertical Polarization

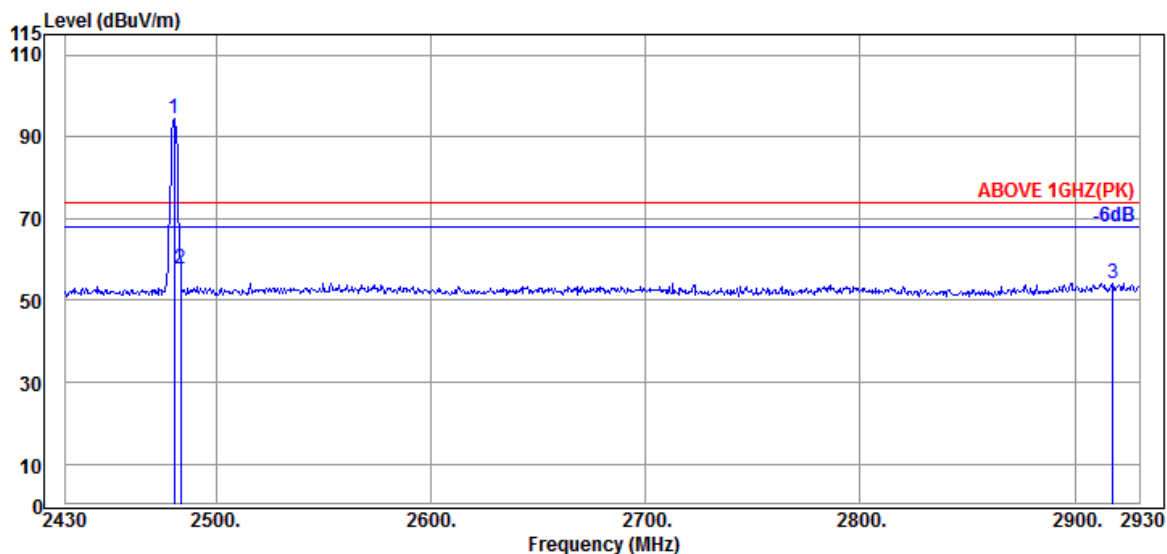
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2342.100	32.05	7.92	34.53	38.25	43.69	54.00	10.31	Average
2390.000	31.89	7.95	34.54	35.69	40.99	54.00	13.01	Average
@ 2402.000	31.80	7.95	34.54	95.24	100.45	---	---	Average

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

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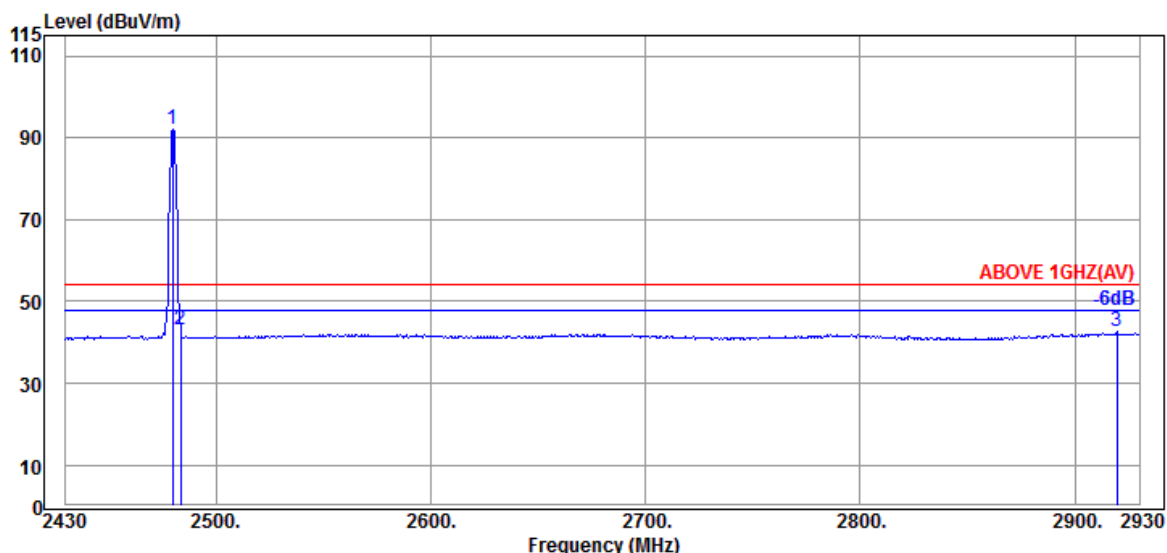
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Mode	8-DPSK	Frequency	TX 2480MHz
------	--------	-----------	------------



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2480.500	32.30	7.99	34.55	88.80	94.54	---	---	Peak
2483.500	32.30	7.99	34.55	52.14	57.88	74.00	16.12	Peak
2917.500	32.83	8.19	34.64	47.88	54.26	74.00	19.74	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
@ 2480.000	32.30	7.99	34.55	86.31	92.05	---	---	Average
2483.500	32.30	7.99	34.55	37.34	43.08	54.00	10.92	Average
2919.500	32.90	8.19	34.64	36.04	42.49	54.00	11.51	Average

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

File Number: C1M2108031

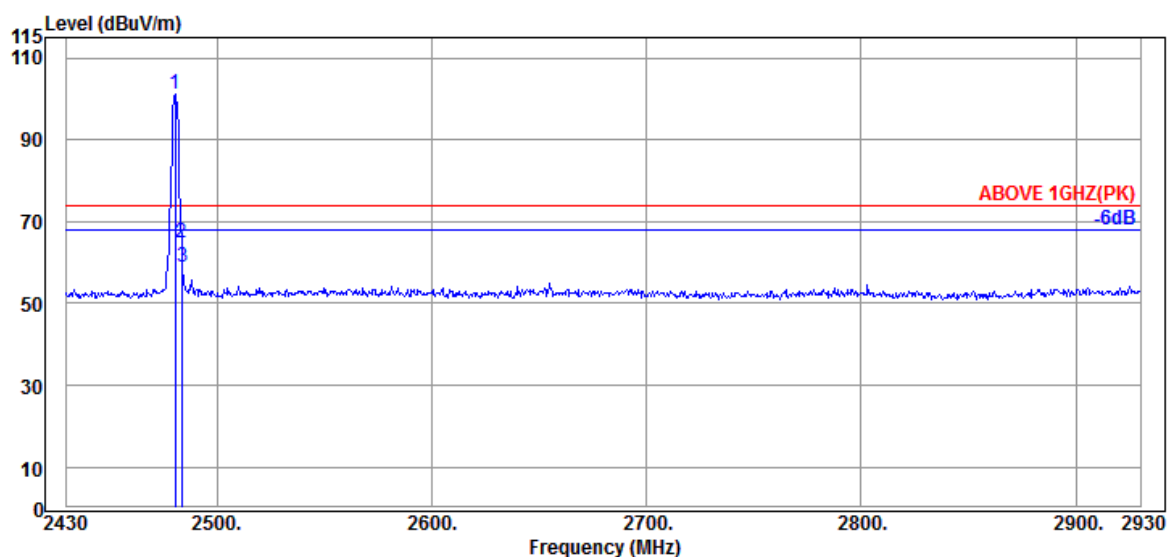
Report Number: EM-F210584

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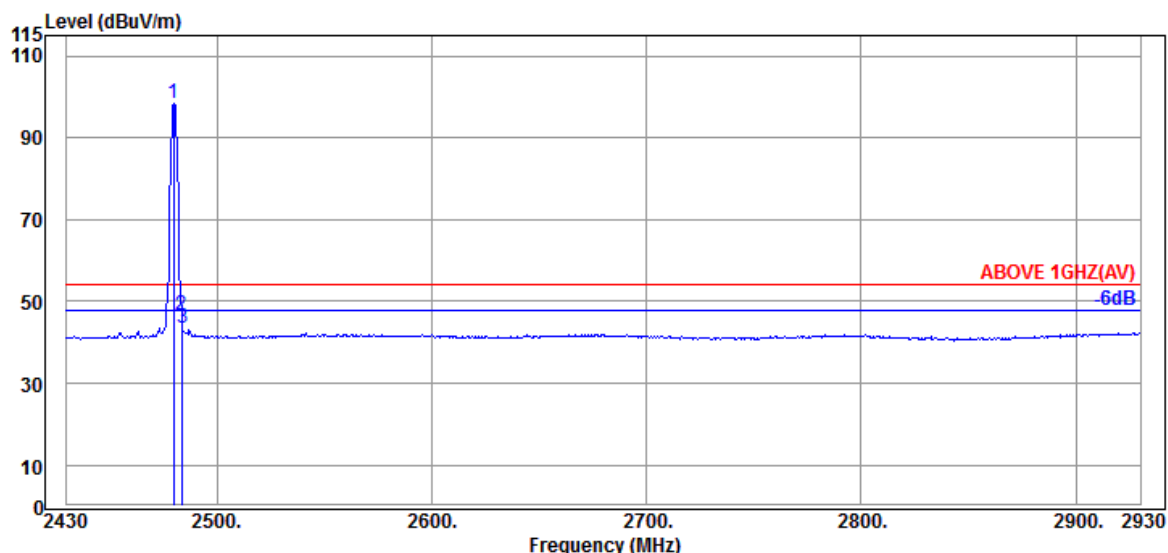
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Mode	8-DPSK	Frequency	TX 2480MHz
------	--------	-----------	------------



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
@ 2480.500	32.30	7.99	34.55	95.47	101.21	---	---	Peak
2483.500	32.30	7.99	34.55	59.13	64.87	74.00	9.13	Peak
2484.000	32.30	7.99	34.55	53.05	58.79	74.00	15.21	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	32.30	7.99	34.55	92.82	98.56	---	---	Average
2483.500	32.30	7.99	34.55	40.75	46.49	54.00	7.51	Average
2484.000	32.30	7.99	34.55	37.70	43.44	54.00	10.56	Average

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

File Number: C1M2108031

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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	33.60	10.49	34.44	31.95	41.60	54.00	12.40	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	33.60	10.49	34.44	31.47	41.12	54.00	12.88	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	33.88	10.54	34.43	32.40	42.39	54.00	11.61	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	33.88	10.54	34.43	33.42	43.41	54.00	10.59	Peak

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

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
4960.000	33.83	10.60	34.41	31.47	41.49	54.00	12.51	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
4960.000	33.83	10.60	34.41	31.79	41.81	54.00	12.19	Peak

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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	2019/09/18	Temp./Hum.	25°C/51%
Cable Loss	0.50dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 20dB Bandwidth Result

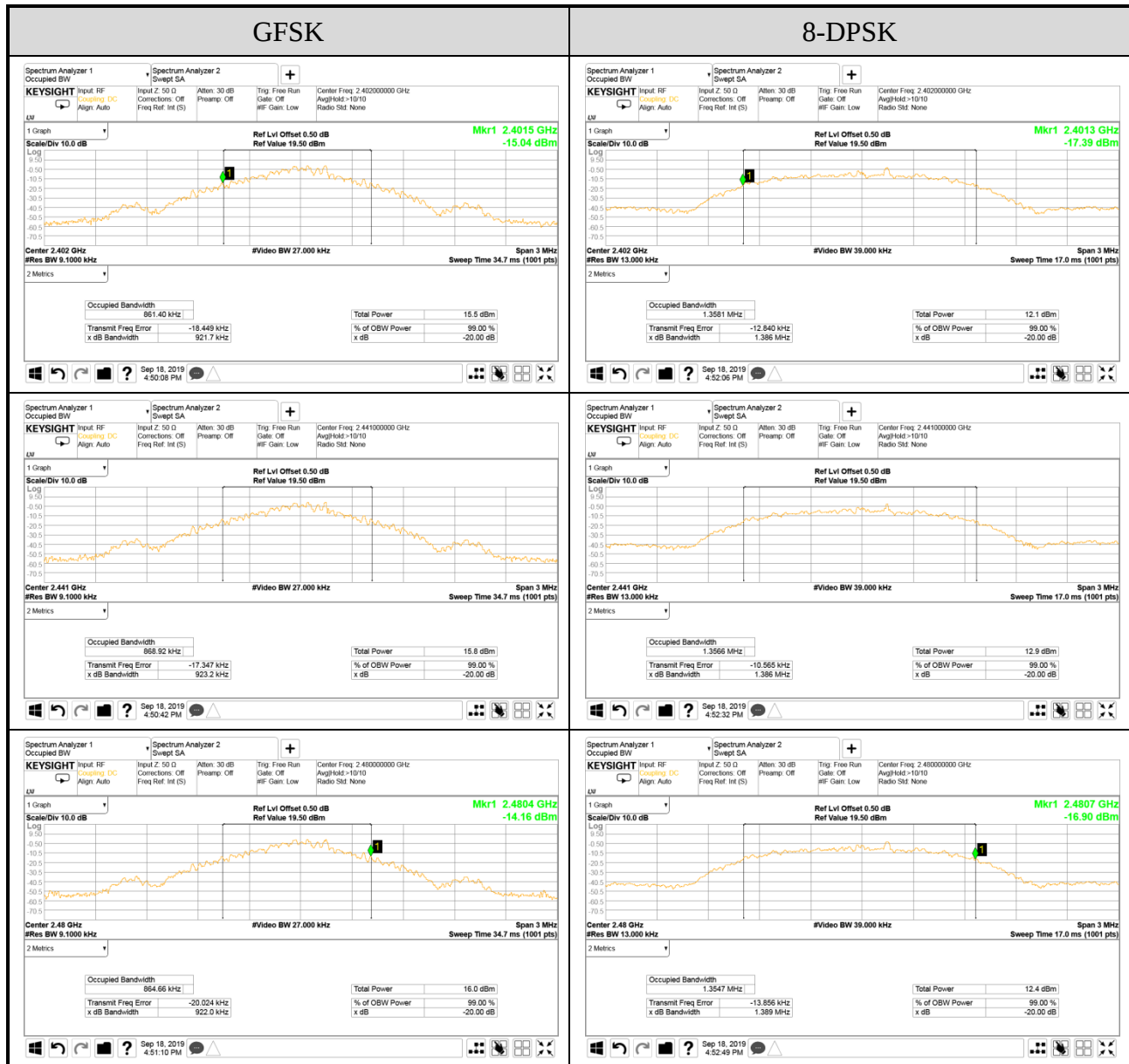
Mode	Centre Frequency (MHz)	20dB Bandwidth (MHz)	99%Occupied Bandwidth (MHz) (Reference only)	2/3 (20dB Bandwidth)
GFSK	2402	0.9217	0.86410	0.614
	2441	0.9232	0.86892	0.615
	2480	0.9220	0.86466	0.615
8-DPSK	2402	1.386	1.3581	0.924
	2441	1.386	1.3566	0.924
	2480	1.389	1.3547	0.926

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

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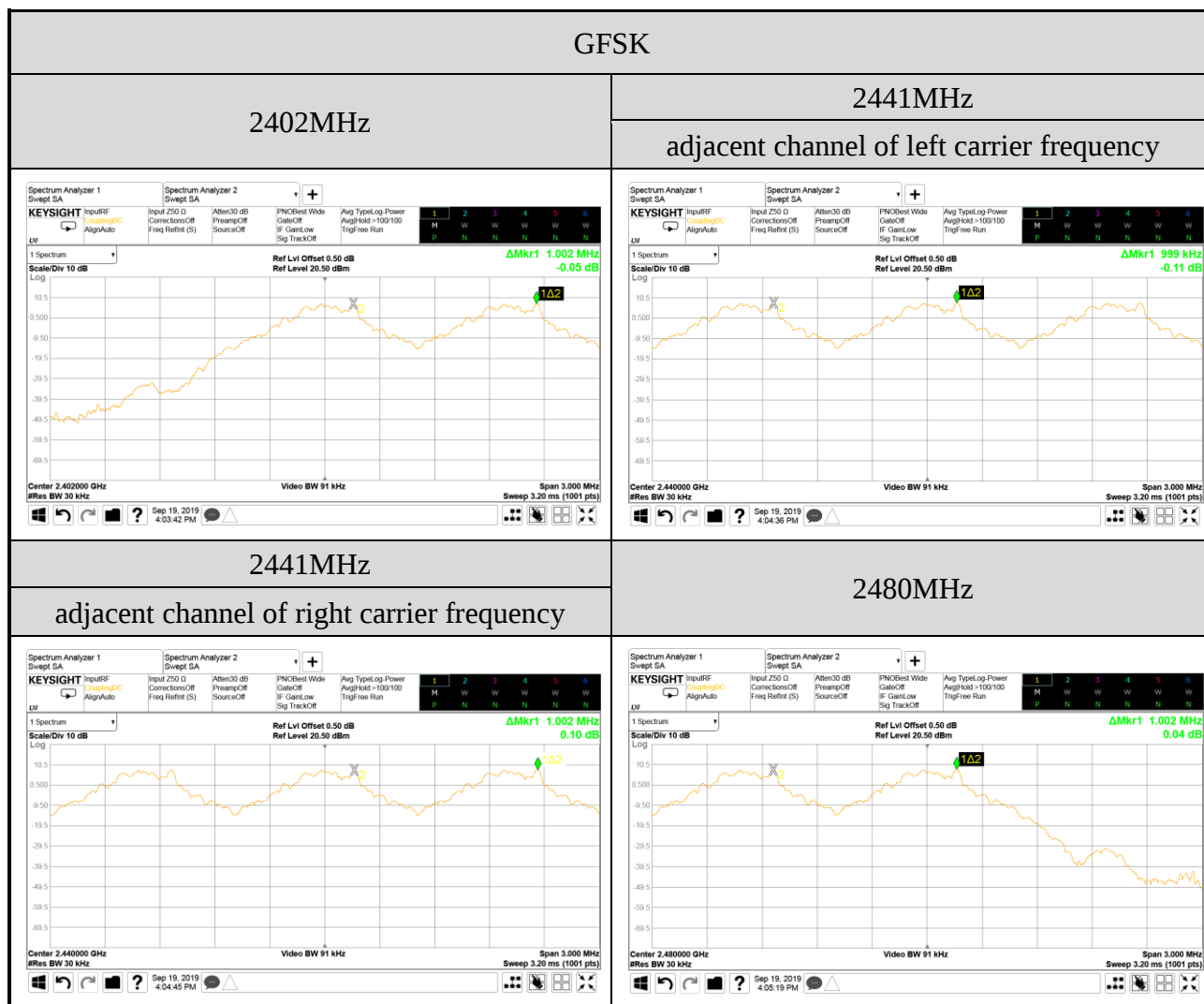
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A.3.2 Measurement Plots



A.4 CARRIER FREQUENCY SEPARATION

Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



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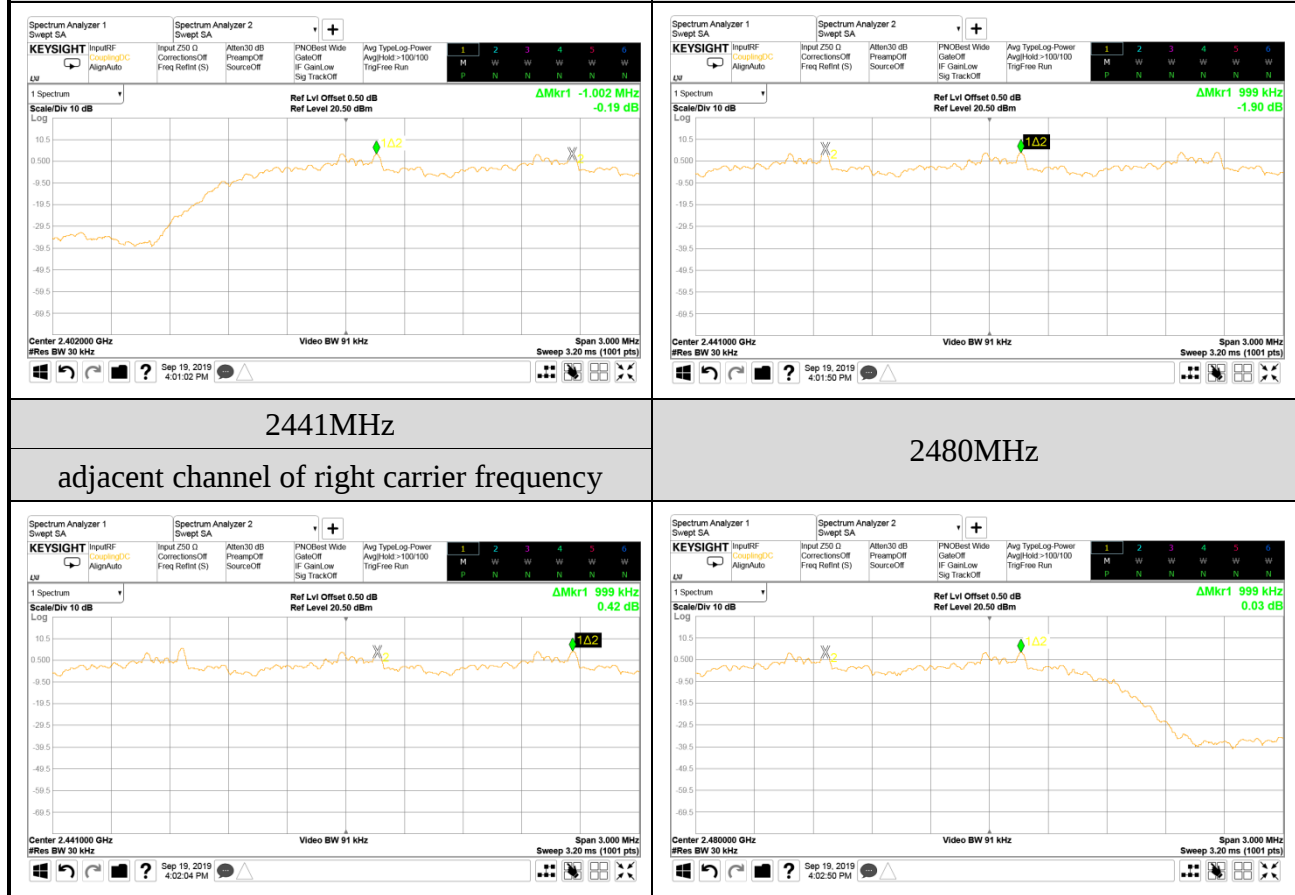
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8-DPSK

2402MHz

2441MHz

adjacent channel of left carrier frequency



A.5 TIME OF OCCUPANCY

Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Tested By	Martin Chen
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	0.380	120.080	<400
		DH3	5	1.635	258.330	<400
		DH5	3	2.880	273.024	<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* 1.635 ms= 258.330 ms (<400ms)

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is

3 transmission* 31.6 seconds* 2.880 ms= 273.024 ms (<400ms)

Mode	Centre Frequency (MHz)	Mode	Each second appearance transmission	Time of Occupancy (ms)	Maximum accumulated Time of Occupancy (ms)	Limit (ms)
GFSK	2440	DH1	10	0.380	120.080	<400
		DH3	5	1.635	258.330	<400
		DH5	3	2.880	273.024	<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* 1.635 ms= 258.330 ms (<400ms)

DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is

3 transmission* 31.6 seconds* 2.880 ms= 273.024 ms (<400ms)

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	0.380	120.080	<400
		DH3	5	1.635	258.330	<400
		DH5	3	2.880	273.024	<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* 1.635 ms= 258.330 ms (<400ms)

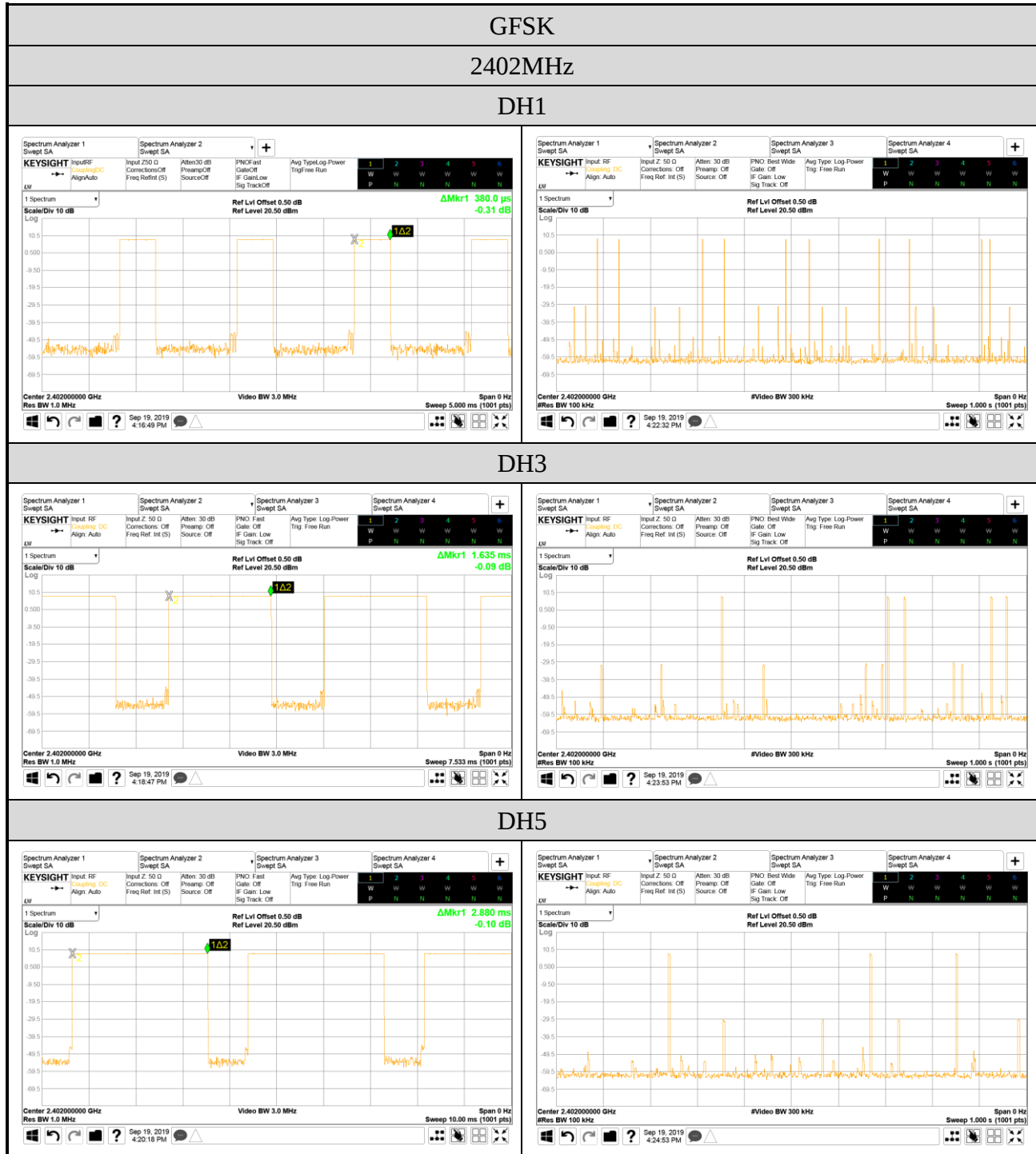
DH5 Mode

For each second of 3 transmission appearance, the longest time of occupancy is
3 transmission* 31.6 seconds* 2.880 ms= 273.024 ms (<400ms)

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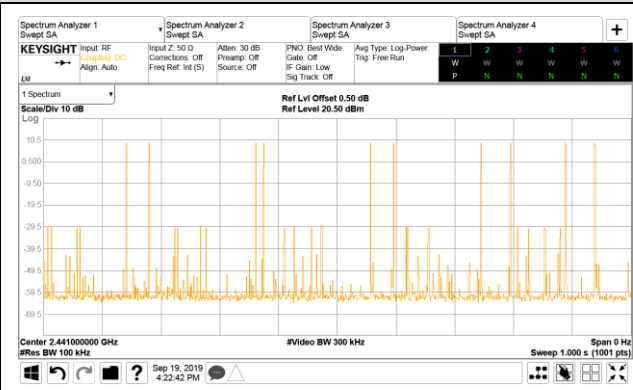
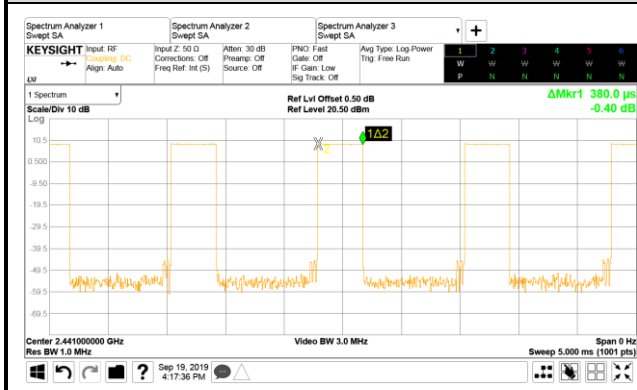
● Measurement Plots



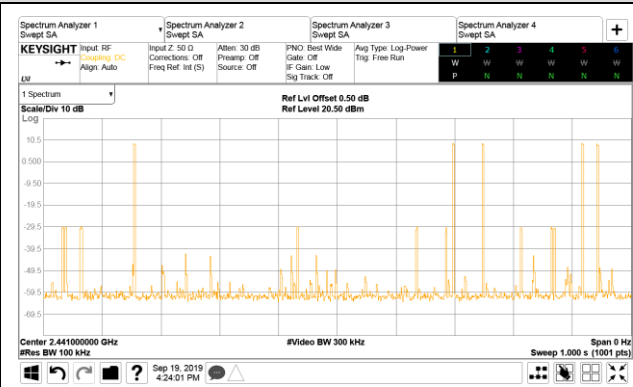
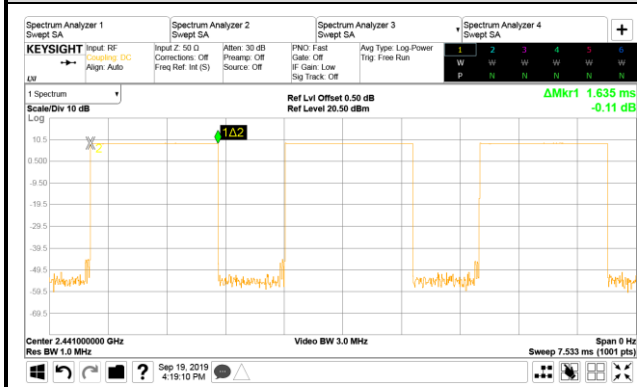
GFSK

2441MHz

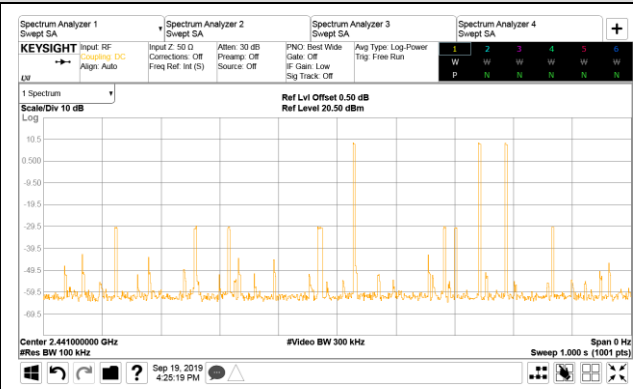
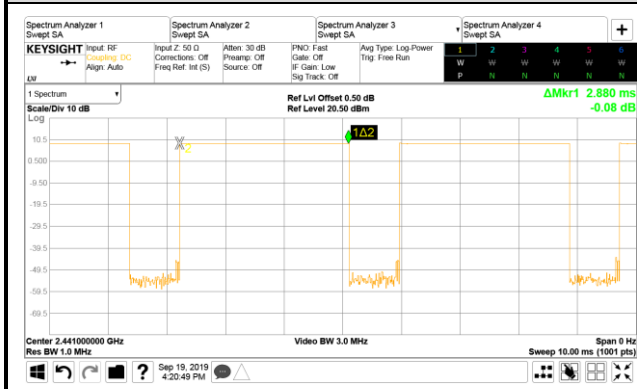
DH1



DH3



DH5



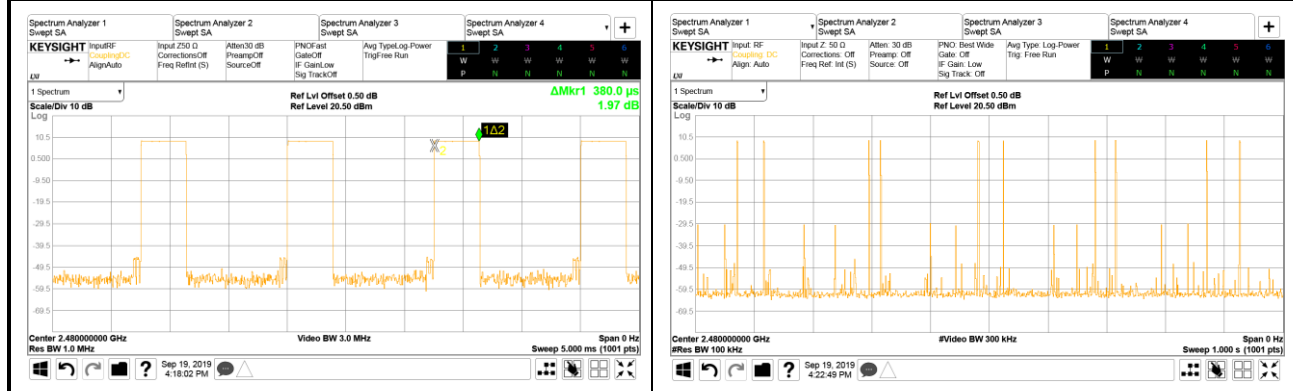
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GFSK

2480MHz

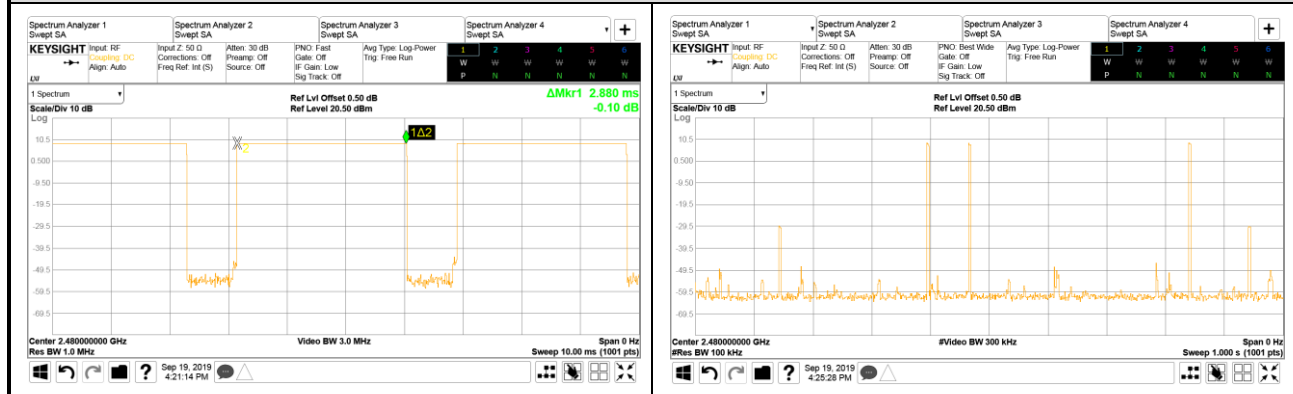
DH1



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	0.390	123.240	<400
		3DH3	5	1.635	258.330	<400
		3DH5	3	2.890	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* 1.635 ms= 258.330 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	0.390	123.240	<400
		3DH3	5	1.635	258.330	<400
		3DH5	3	2.890	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* 1.635 ms= 258.330 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	2480	3DH1	10	0.390	123.240	<400
		3DH3	5	1.635	258.330	<400
		3DH5	3	2.890	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* **1.635** ms= **258.330** 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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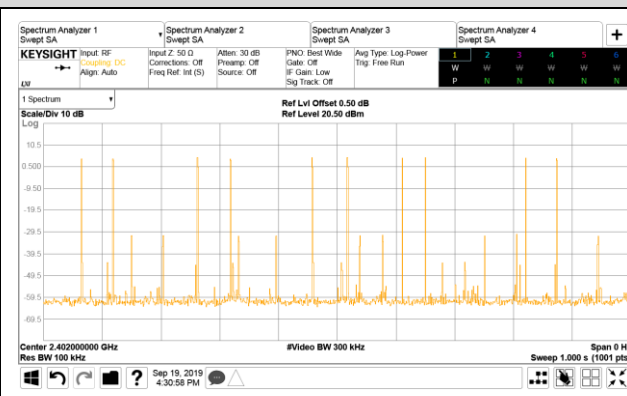
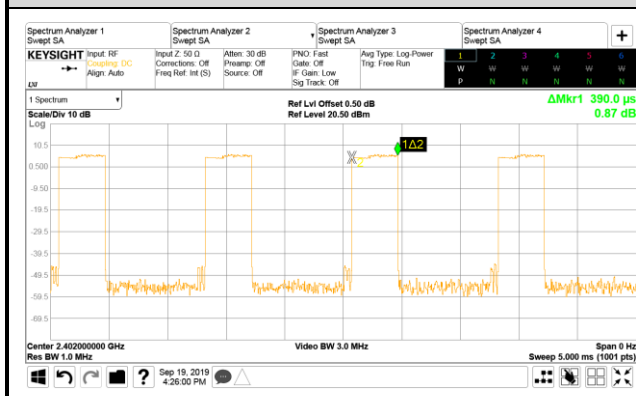
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● Measurement Plots

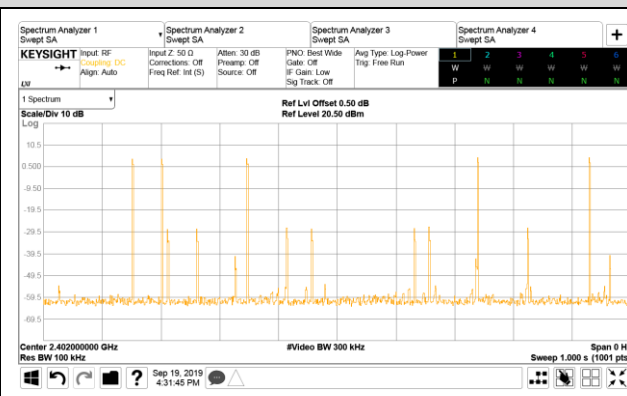
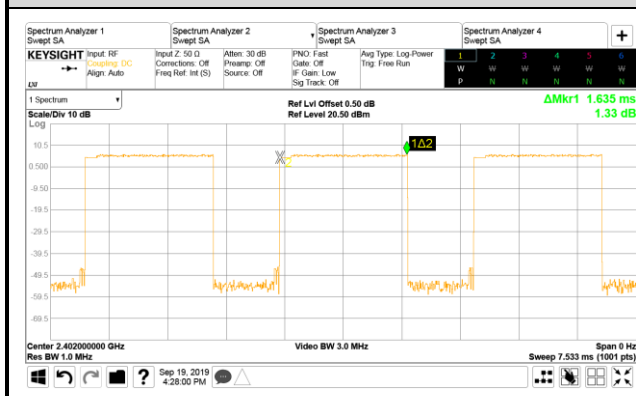
8-DPSK

2402MHz

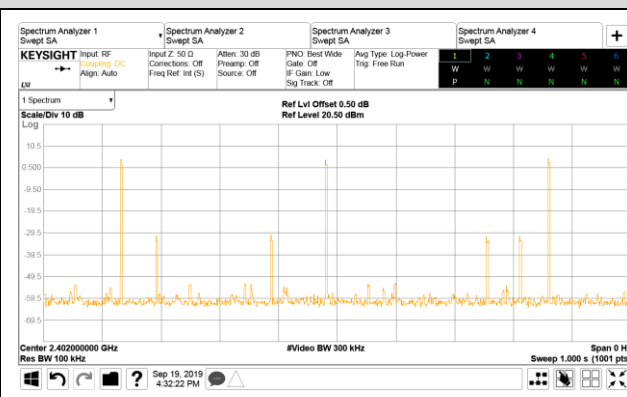
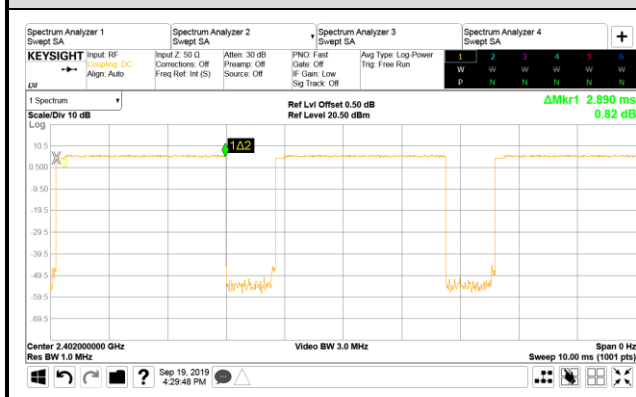
3DH1



3DH3



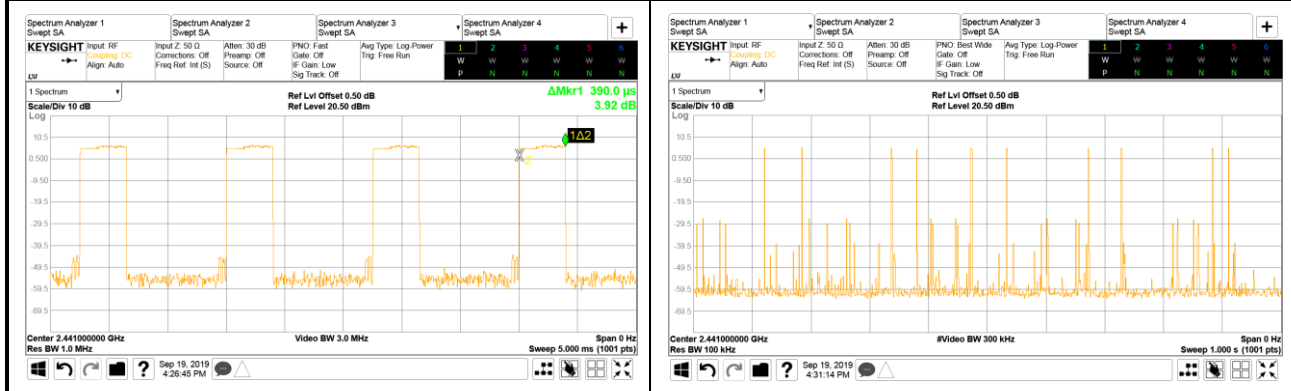
3DH5



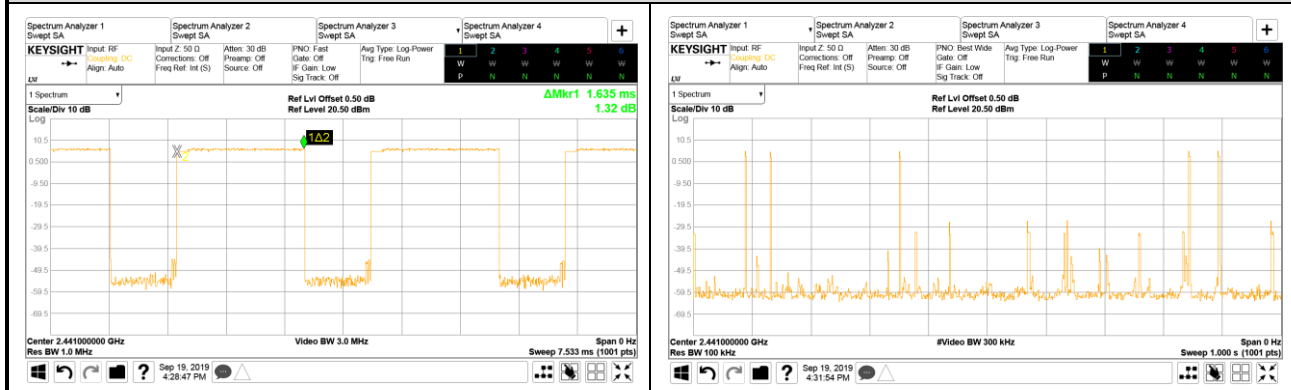
8-DPSK

2441MHz

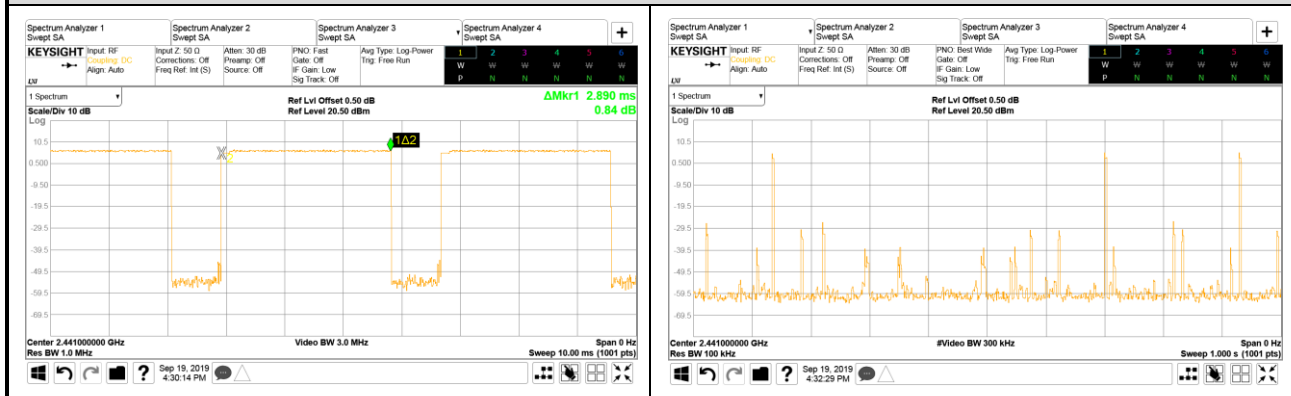
3DH1



3DH3



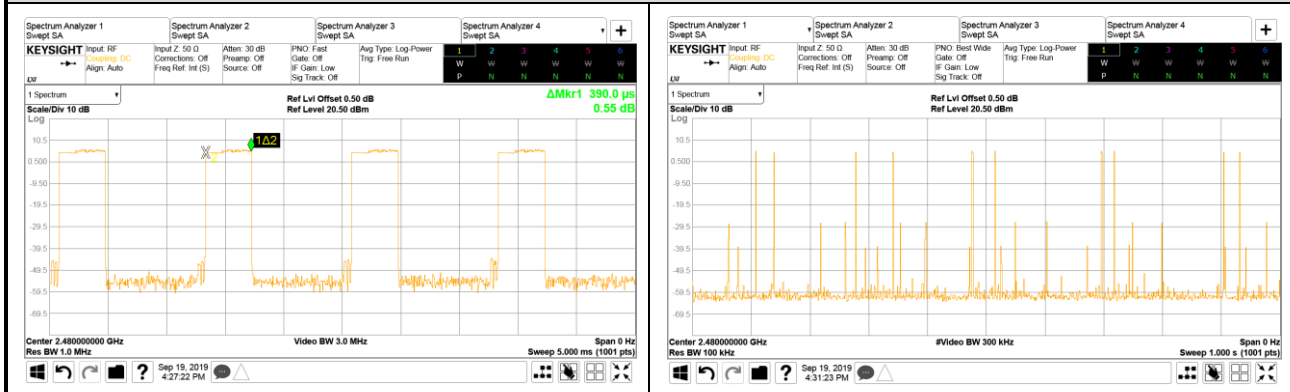
3DH5



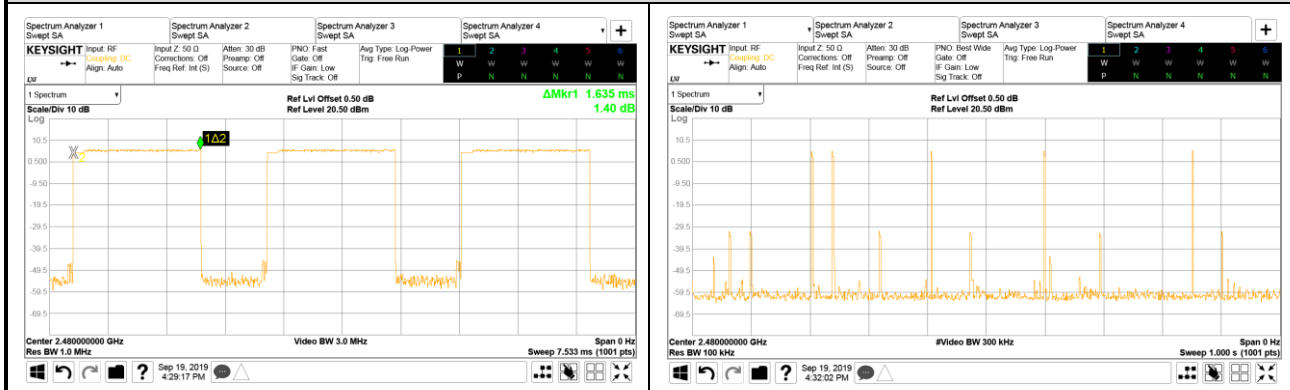
8-DPSK

2480MHz

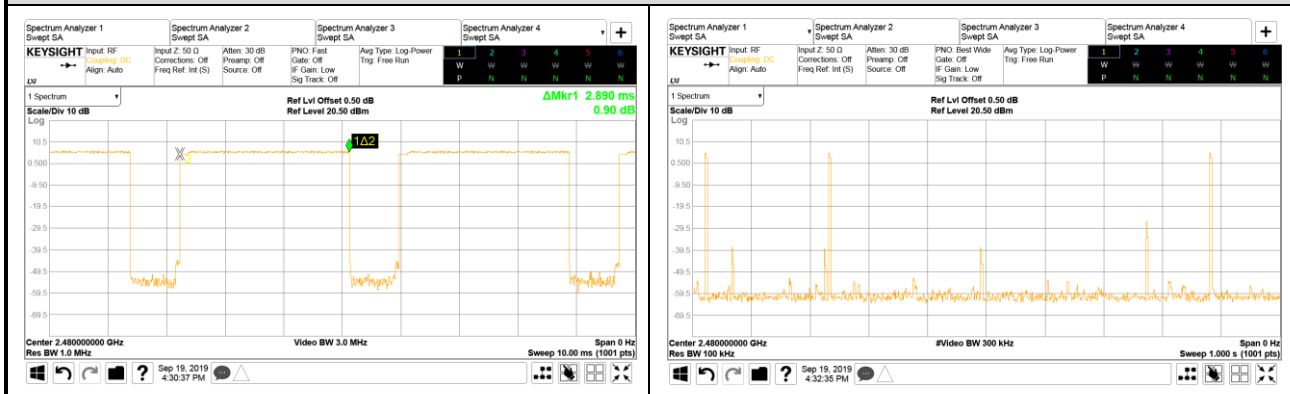
3DH1



3DH3



3DH5

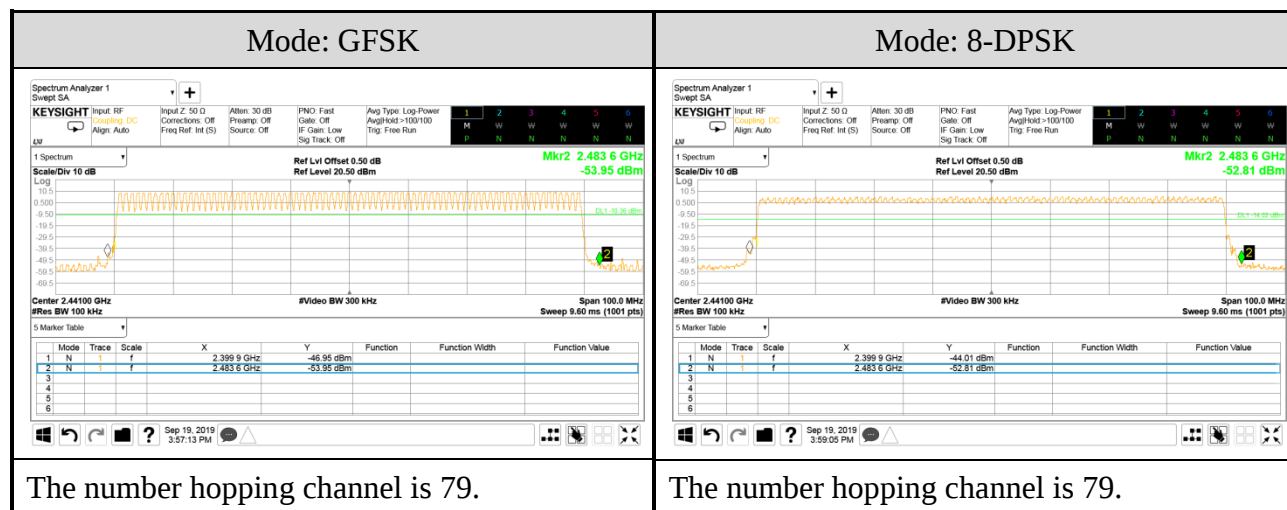


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A.6 NUMBER OF HOPPING CHANNELS

Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2019/09/18, 2021/08/12	Temp./Hum.	25°C/51%, 24°C/54%
Cable Loss	0.50dB	Tested By	Sean Wang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

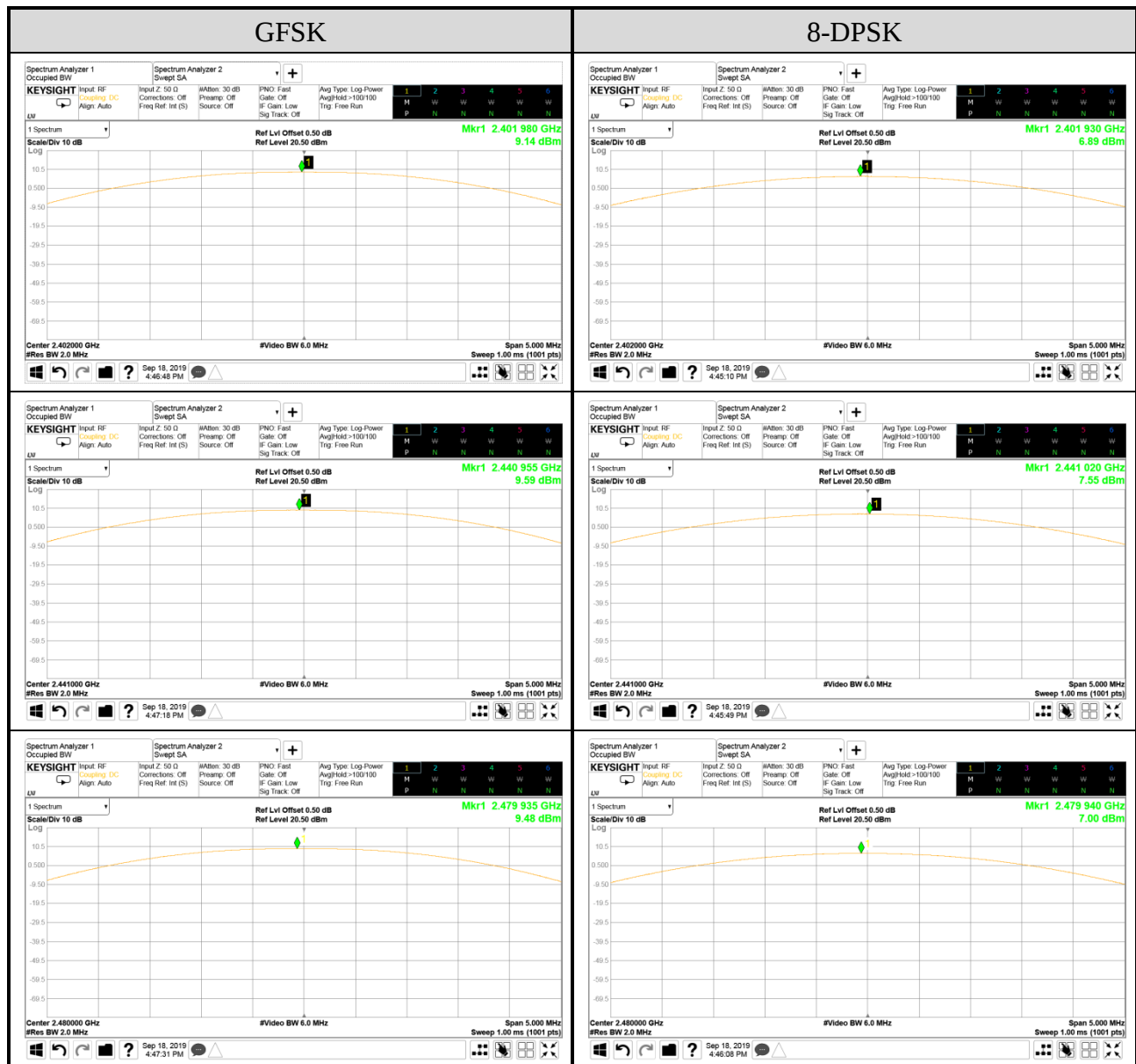
A.7.1 Maximum Peak Output Power

Mode	Centre Frequency (MHz)	Maximum Peak Output Power		Limit
		dBm	W	
GFSK	2402	9.14	0.008	21dBm (0.125W)
	2441	9.59	0.009	
	2480	9.48	0.009	
8-DPSK	2402	6.89	0.005	
	2441	7.55	0.006	
	2480	7.00	0.005	

SPOT CHECK

Mode	Centre Frequency (MHz)	Maximum Peak Output Power		Limit
		dBm	W	
GFSK	2402	9.14	0.008	21dBm (0.125W)
	2441	9.59	0.009	
	2480	9.48	0.009	
8-DPSK	2402	6.89	0.005	
	2441	7.55	0.006	
	2480	7.00	0.005	

A.7.2 Measurement Plots



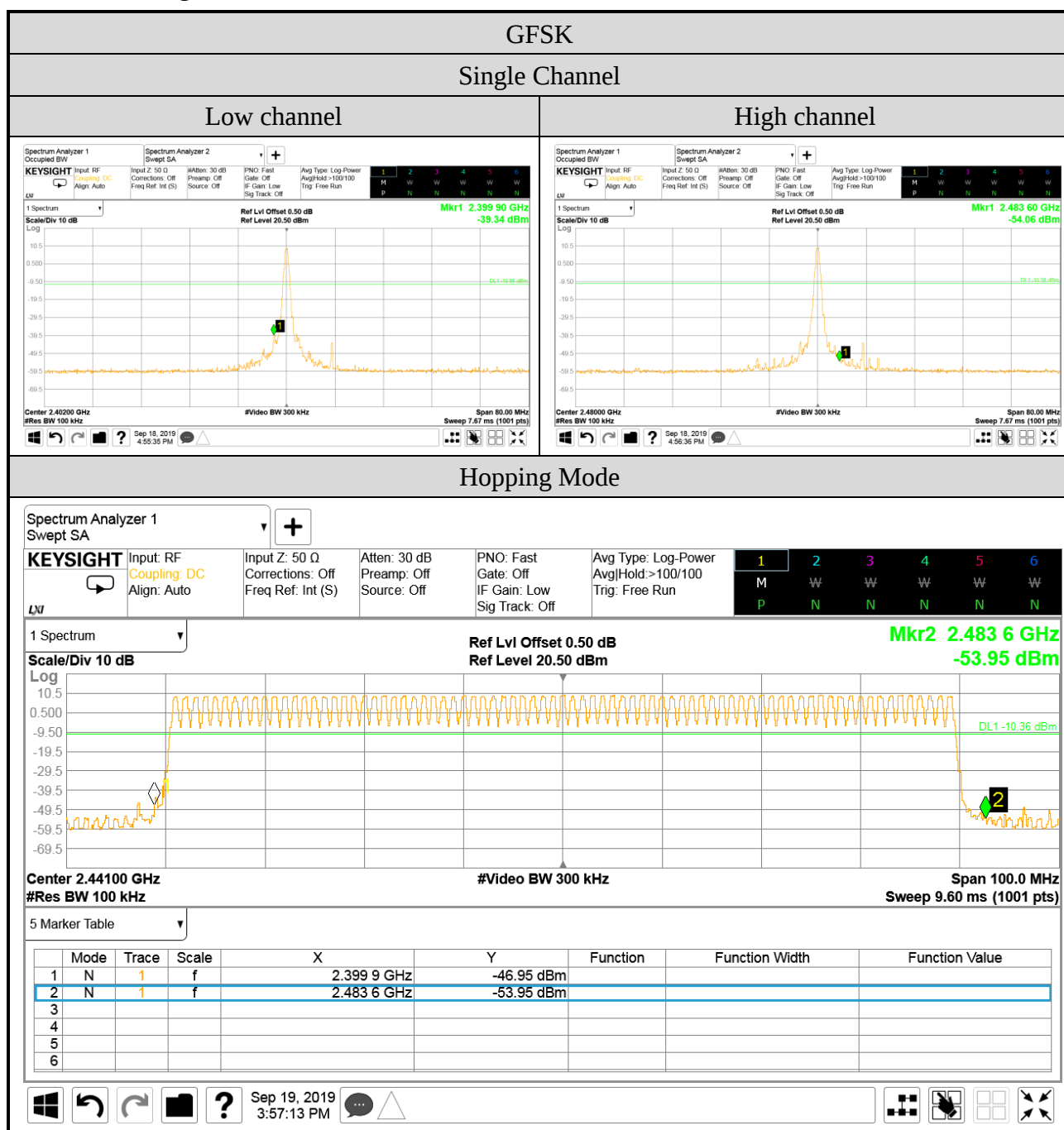
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A.8 EMISSION LIMITATIONS MEASUREMENT

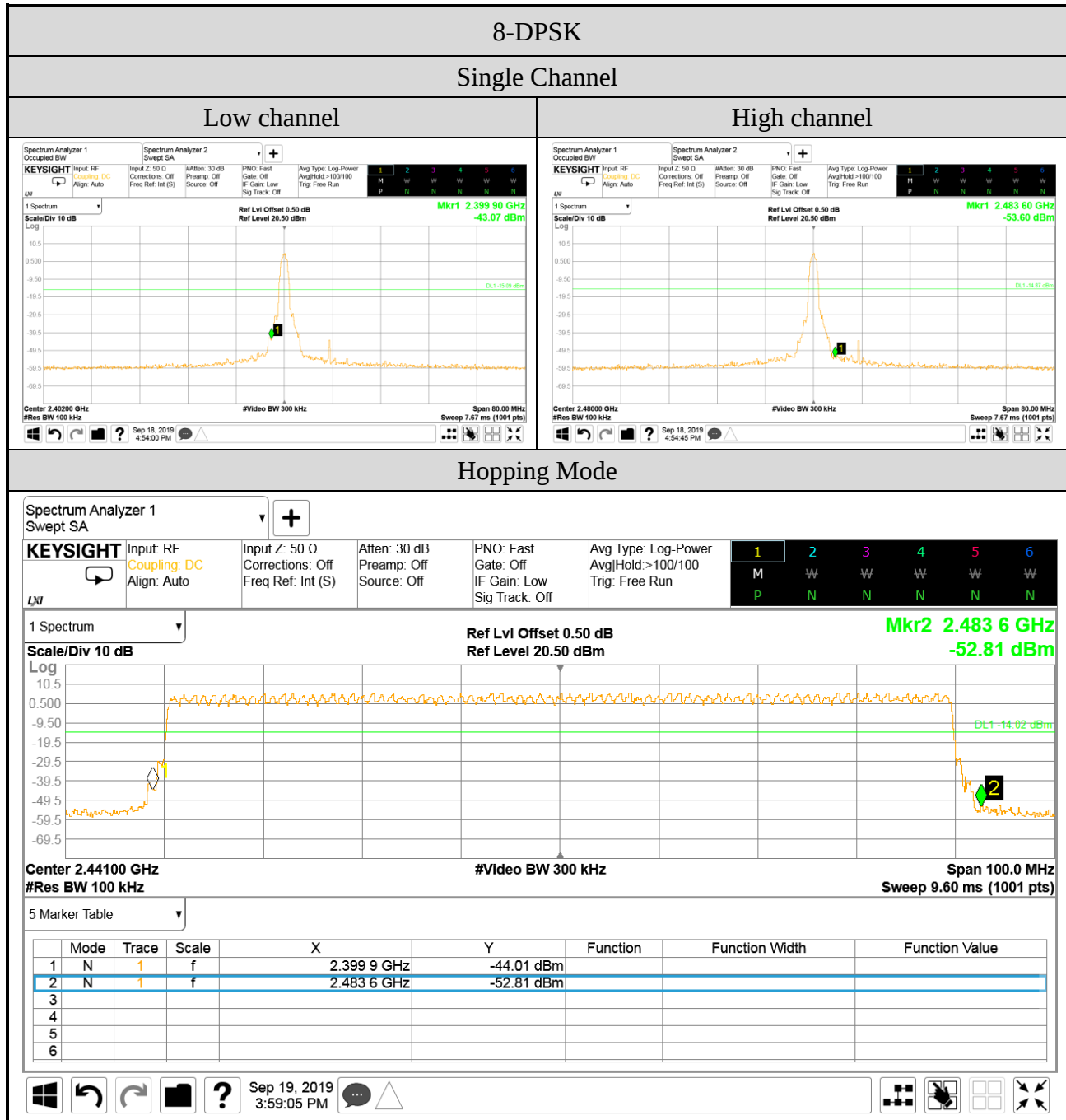
Test Date	2019/09/18 ~ 19	Temp./Hum.	25°C/51 ~ 54%
Cable Loss	0.50dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Band Edge



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A.8.2 Spurious Emission



Note: All results have been included cable loss.

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