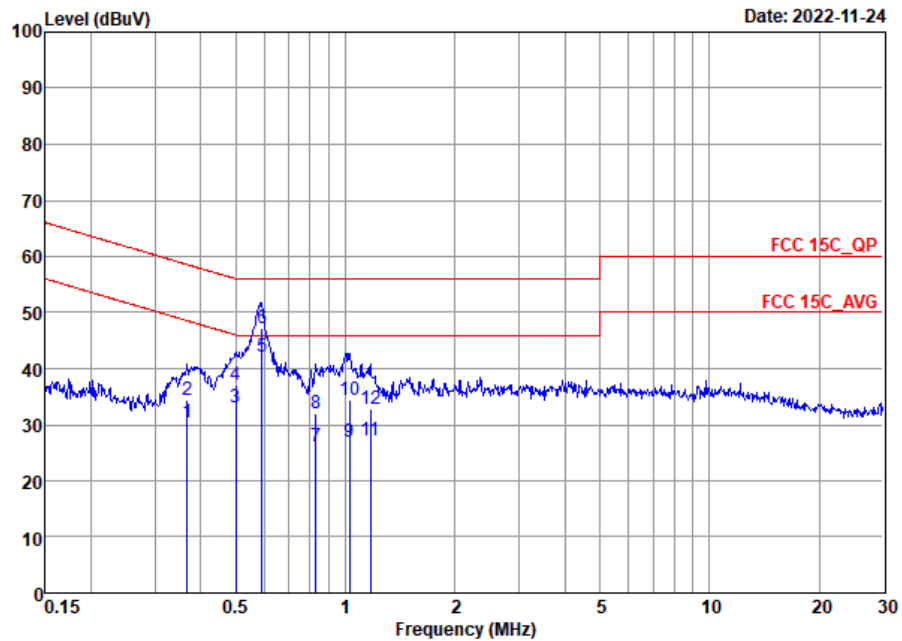




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Lily Qiu	Temperature :	21~24°C
		Relative Humidity :	39~43%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

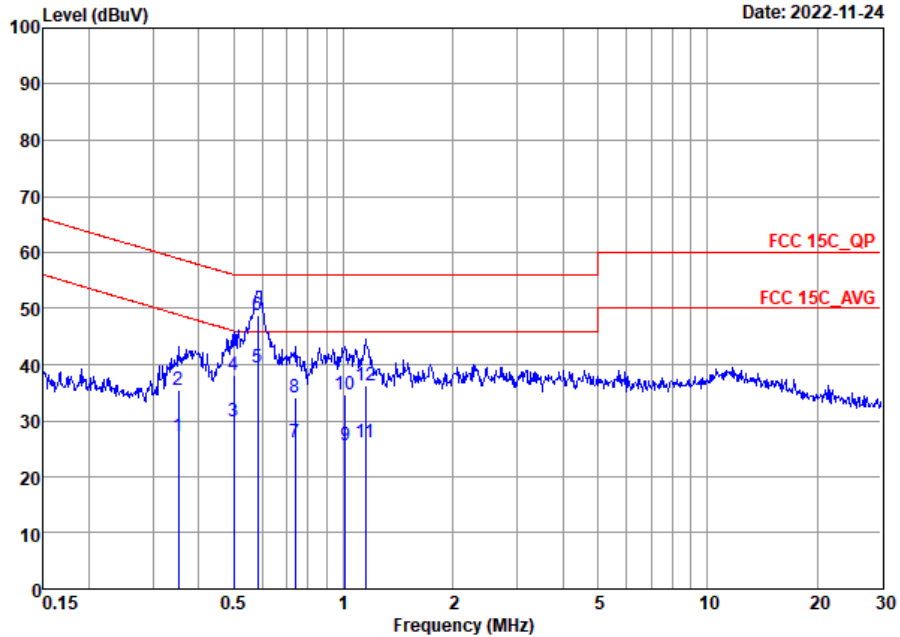


Site : C001-SZ
 Condition: FCC 15C_QP LISN_20220811_L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.37	30.37	-18.19	48.56	9.00	10.09	11.28	Average
2	0.37	34.47	-24.09	58.56	13.10	10.09	11.28	QP
3	0.50	33.18	-12.83	46.01	11.20	10.12	11.86	Average
4	0.50	37.18	-18.83	56.01	15.20	10.12	11.86	QP
5 *	0.59	42.18	-3.82	46.00	20.60	10.10	11.48	Average
6	0.59	47.08	-8.92	56.00	25.50	10.10	11.48	QP
7	0.83	26.18	-19.82	46.00	5.40	10.11	10.67	Average
8	0.83	31.88	-24.12	56.00	11.10	10.11	10.67	QP
9	1.03	27.05	-18.95	46.00	6.70	10.12	10.23	Average
10	1.03	34.45	-21.55	56.00	14.10	10.12	10.23	QP
11	1.17	27.27	-18.73	46.00	6.90	10.14	10.23	Average
12	1.17	32.87	-23.13	56.00	12.50	10.14	10.23	QP



Test Engineer :	Lily Qiu	Temperature :	21~24°C
		Relative Humidity :	39~43%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
 Condition: FCC 15C_QP LISN_20220811_ N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.35	27.28	-21.63	48.91	5.90	10.17	11.21	Average
2	0.35	35.48	-23.43	58.91	14.10	10.17	11.21	QP
3	0.50	29.95	-16.06	46.01	7.90	10.19	11.86	Average
4	0.50	38.05	-17.96	56.01	16.00	10.19	11.86	QP
5 *	0.58	39.43	-6.57	46.00	17.70	10.23	11.50	Average
6	0.58	48.83	-7.17	56.00	27.10	10.23	11.50	QP
7	0.74	26.17	-19.83	46.00	5.00	10.22	10.95	Average
8	0.74	34.07	-21.93	56.00	12.90	10.22	10.95	QP
9	1.01	25.65	-20.35	46.00	5.20	10.22	10.23	Average
10	1.01	34.65	-21.35	56.00	14.20	10.22	10.23	QP
11	1.15	26.07	-19.93	46.00	5.60	10.24	10.23	Average
12	1.15	36.27	-19.73	56.00	15.80	10.24	10.23	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission Test Data

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	1	Bluetooth BR_GFSK	00	2402	1Mbps	-	-
Mode 2	2400-2483.5	1	Bluetooth BR_GFSK	39	2441	1Mbps	-	-
Mode 3	2400-2483.5	1	Bluetooth BR_GFSK	78	2480	1Mbps	-	-
Mode 22	2400-2483.5	1	Bluetooth BR_GFSK	78	2480	1Mbps	-	LF



Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2389.30	56.74	74.00	-17.26	H	PEAK	Pass	Band Edge
	Bluetooth BR_GFSK	00	4804.00	41.84	74.00	-32.16	H	PEAK	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
	Bluetooth BR_GFSK	39	7323.00	46.08	74.00	-27.92	H	PEAK	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2483.83	57.19	74.00	-16.81	V	PEAK	Pass	Band Edge
	Bluetooth BR_GFSK	78	7440.00	45.56	74.00	-28.44	V	PEAK	Pass	Harmonic
22	Bluetooth BR_GFSK	78	35.82	34.06	40	-5.94	V	PEAK	Pass	LF

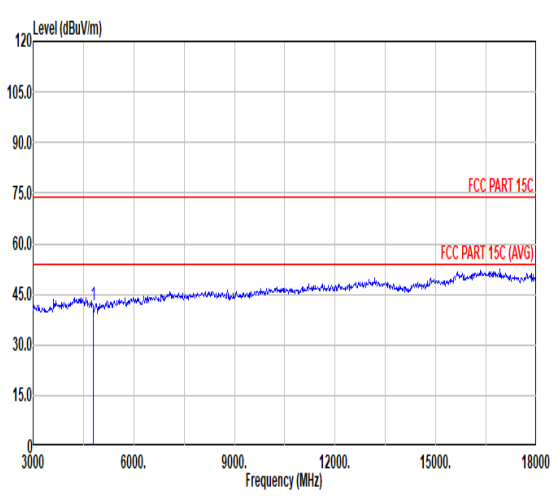
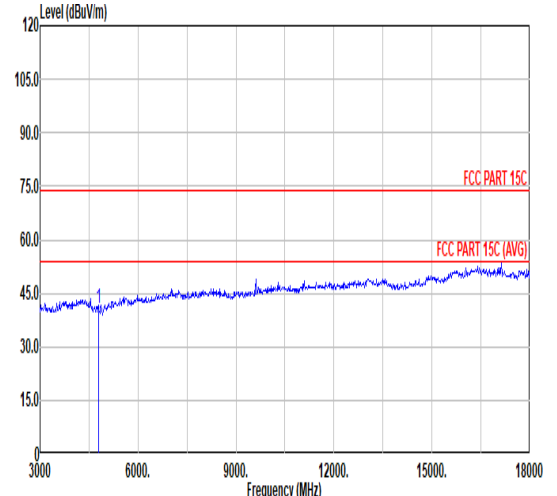


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Note: For 18G~25GHz, only the worst case is verified.

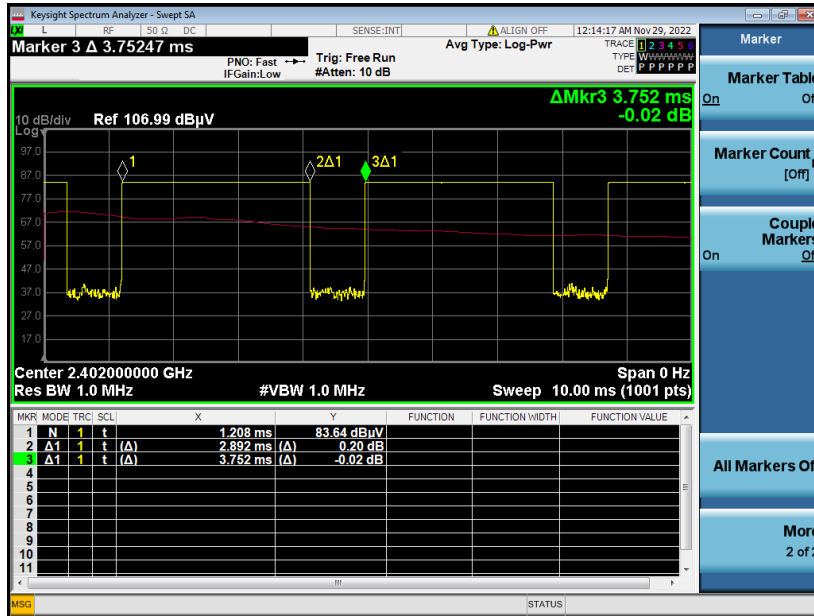


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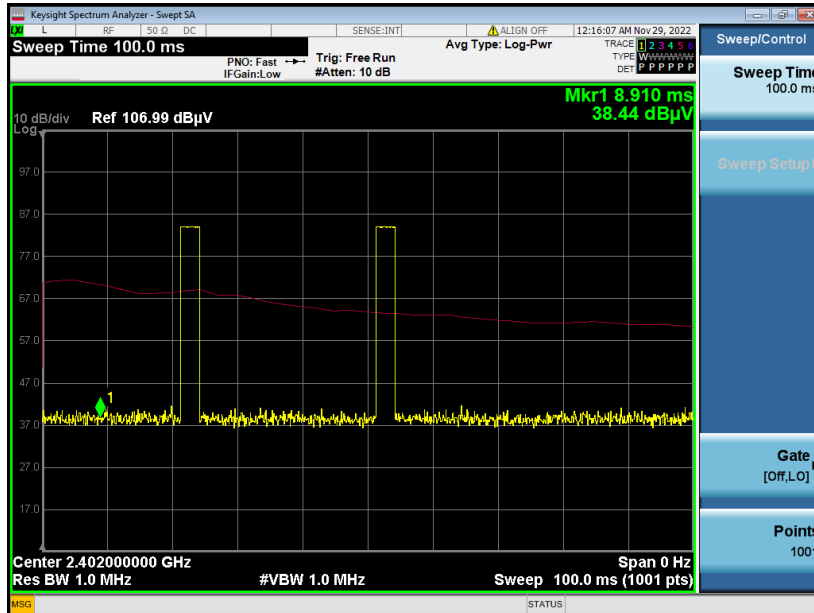


Appendix D. Duty Cycle Plots

3DH5 on time (One Pulse) Plot on Channel 00



3DH5 on time (Count Pulses) Plot on Channel 00



Note:

1. Worst case Duty cycle = on time/100 milliseconds = 2 * 2.892 / 100 = 5.78 %
2. Worst case Duty cycle correction factor = 20*log(Duty cycle) = -24.76 dB
3. 3DH5 has the highest duty cycle worst case and is reported.