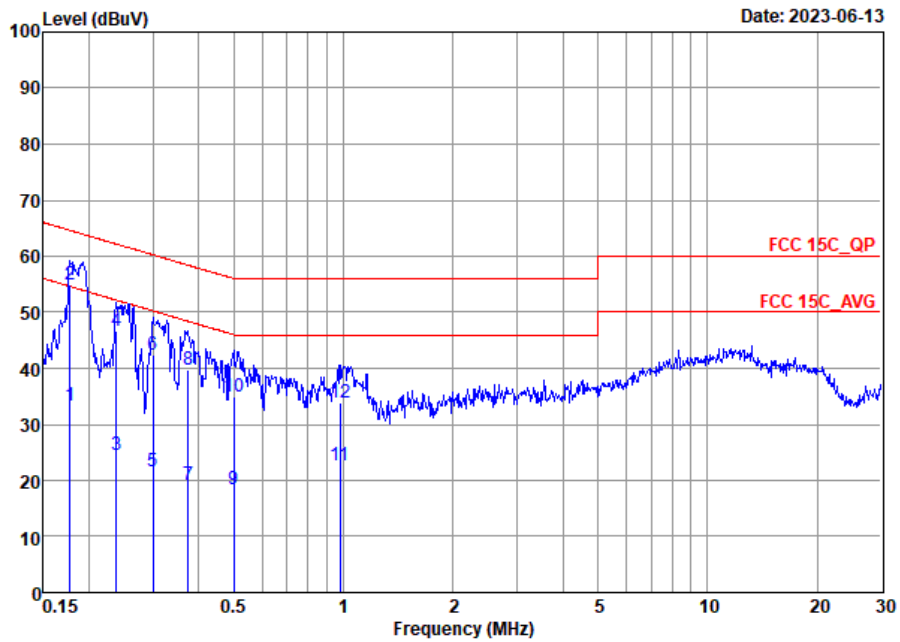




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Lily Qiu	Temperature :	22~24°C
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

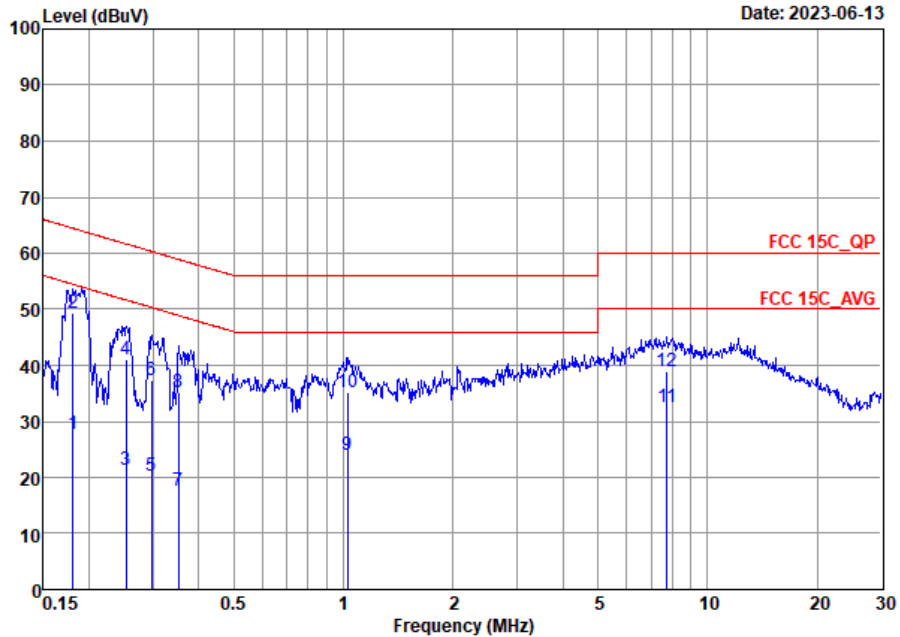


Site : C001-SZ
 Condition: FCC 15C_QP LISN_20230420_L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.18	33.40	-21.19	54.59	12.80	10.46	10.14	Average
2 *	0.18	54.90	-9.69	64.59	34.30	10.46	10.14	QP
3	0.24	24.44	-27.73	52.17	3.90	10.39	10.15	Average
4	0.24	46.54	-15.63	62.17	26.00	10.39	10.15	QP
5	0.30	21.72	-28.52	50.24	1.20	10.37	10.15	Average
6	0.30	42.42	-17.82	60.24	21.90	10.37	10.15	QP
7	0.38	19.25	-29.14	48.39	-1.20	10.29	10.16	Average
8	0.38	39.85	-18.54	58.39	19.40	10.29	10.16	QP
9	0.50	18.42	-27.59	46.01	-2.00	10.26	10.16	Average
10	0.50	34.92	-21.09	56.01	14.50	10.26	10.16	QP
11	0.98	22.60	-23.40	46.00	2.20	10.24	10.16	Average
12	0.98	34.00	-22.00	56.00	13.60	10.24	10.16	QP



Test Engineer :	Lily Qiu	Temperature :	22~24°C
		Relative Humidity :	44~50%
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_20230420_N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.18	27.84	-26.62	54.46	7.30	10.40	10.14	Average
2 *	0.18	49.44	-15.02	64.46	28.90	10.40	10.14	QP
3	0.25	21.27	-30.37	51.64	0.80	10.32	10.15	Average
4	0.25	40.97	-20.67	61.64	20.50	10.32	10.15	QP
5	0.30	20.26	-30.06	50.32	-0.20	10.31	10.15	Average
6	0.30	37.36	-22.96	60.32	16.90	10.31	10.15	QP
7	0.35	17.61	-31.30	48.91	-2.80	10.25	10.16	Average
8	0.35	35.31	-23.60	58.91	14.90	10.25	10.16	QP
9	1.03	24.01	-21.99	46.00	3.60	10.25	10.16	Average
10	1.03	35.11	-20.89	56.00	14.70	10.25	10.16	QP
11	7.73	32.61	-17.39	50.00	12.20	10.04	10.37	Average
12	7.73	38.81	-21.19	60.00	18.40	10.04	10.37	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

Test Engineer :	Zhaohui Liang	Relative Humidity :	48~49%
		Temperature :	24~25°C

Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	6	Bluetooth BR_GFSK	00	2402	DH5	-	-
Mode 2	2400-2483.5	6	Bluetooth BR_GFSK	39	2441	DH5	-	-
Mode 3	2400-2483.5	6	Bluetooth BR_GFSK	78	2480	DH5	-	-
Mode 4	2400-2483.5	6	Bluetooth BR_GFSK	78	2480	DH5	-	LF

Note: Only the worst case has assessed LF mode to test.

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	2367.41	53.81	74.00	-20.19	V	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	45.35	74.00	-28.65	V	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	48.06	74.00	-25.94	V	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2483.54	61.07	74.00	-12.93	V	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	7440.00	47.99	74.00	-26.01	H	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK	78	846.7401	31.11	46	-14.89	H	Peak	Pass	LF



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Note: Only the worst case has assessed 18G ~26GHz to test.

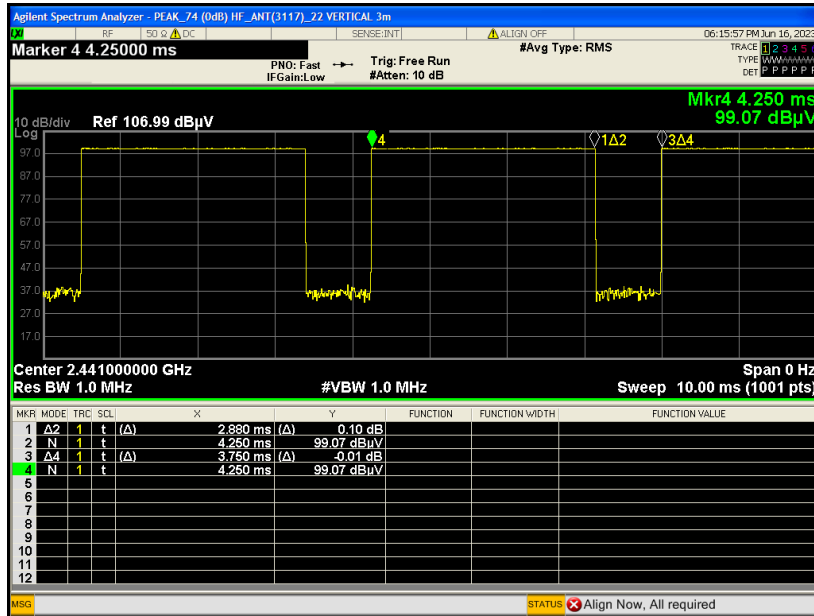


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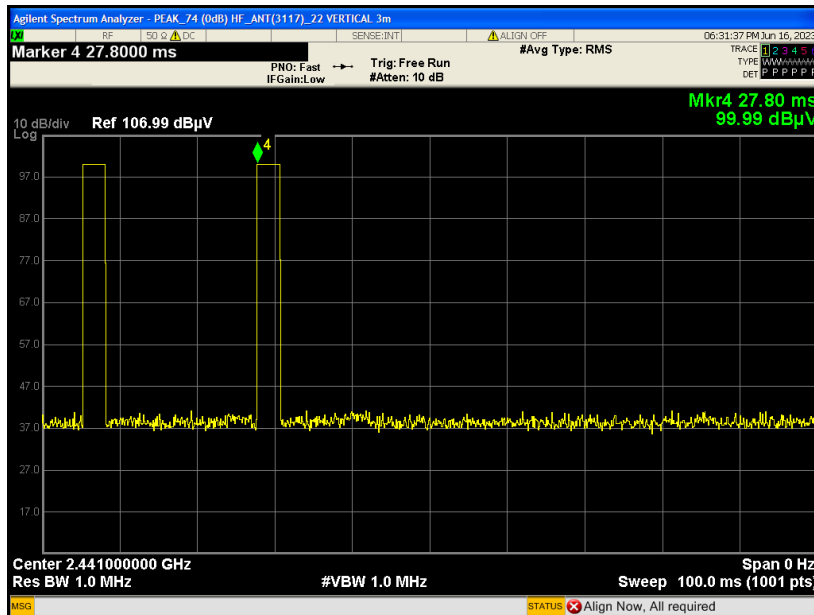


Appendix D. Duty Cycle Plots

DH5 on time (One Pulse) Plot on Channel 39



DH5 on time (Count Pulses) Plot on Channel 39



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 * 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor = $20 * \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. DH5 has the highest duty cycle worst case and is reported.