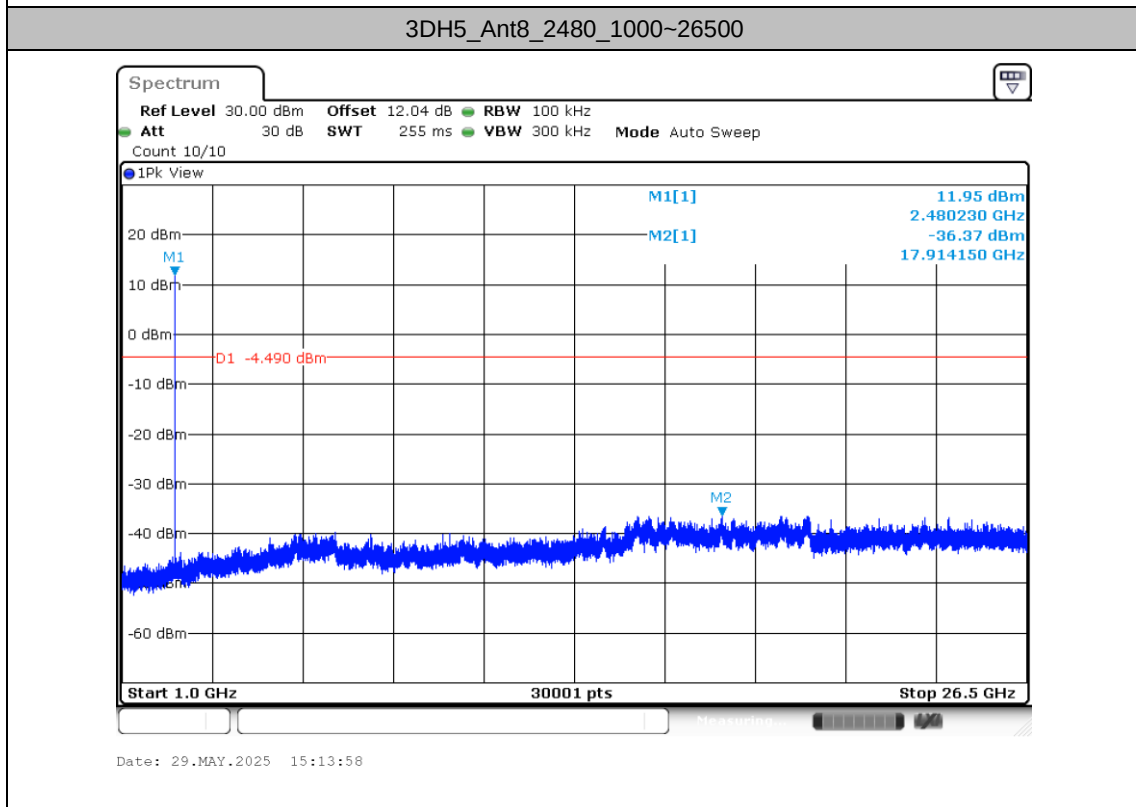
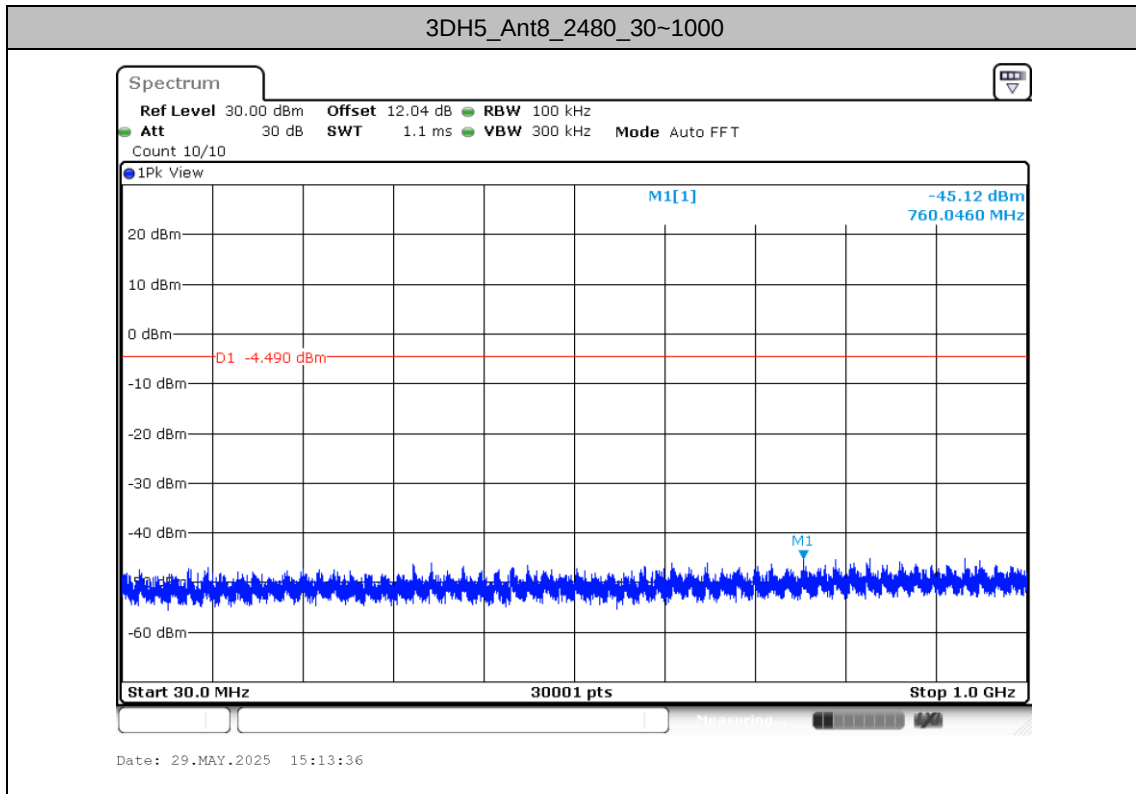
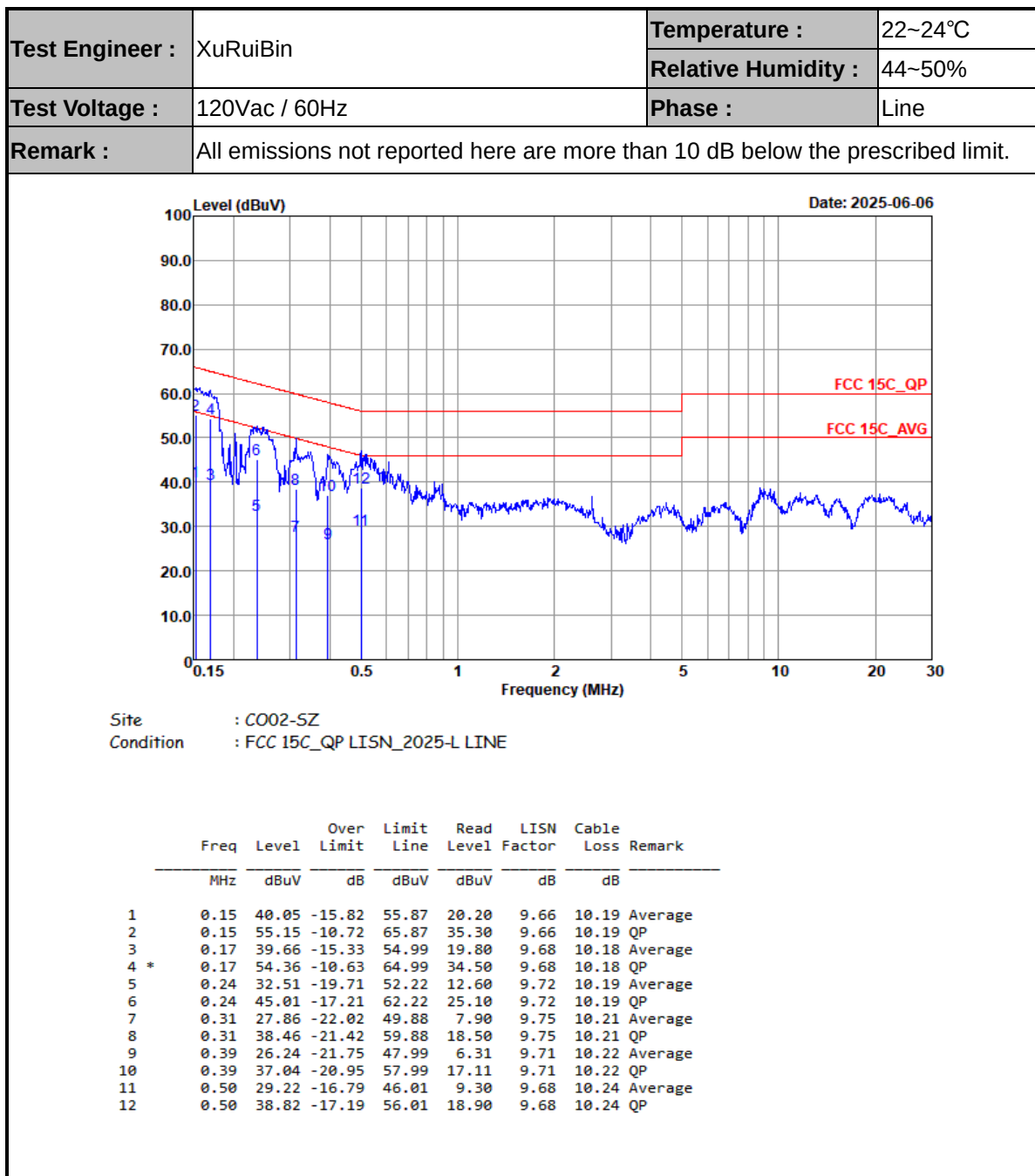




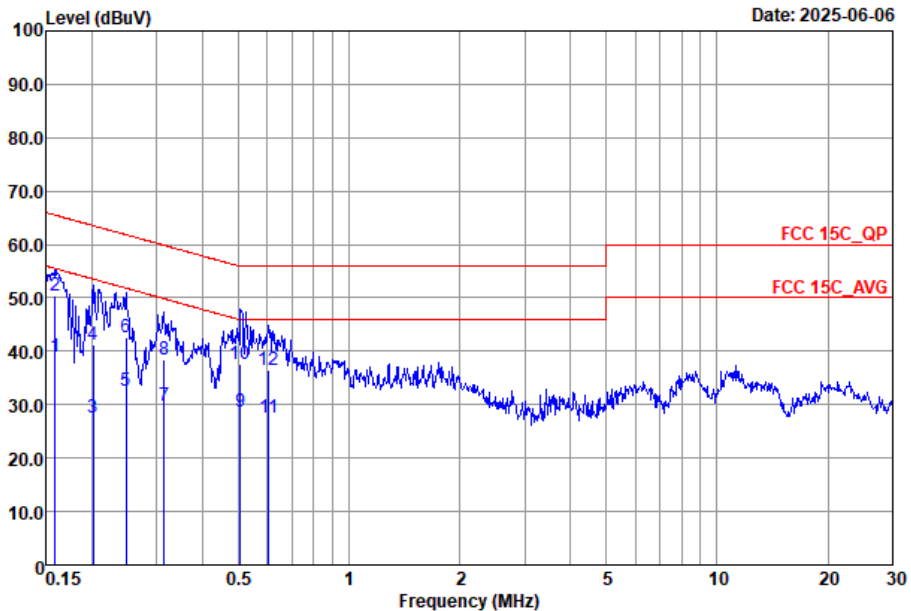


Appendix B. AC Conducted Emission Test Results





Test Engineer :	XuRuiBin	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 : C002-SZ
Condition : FCC 15C_QP LISN_2025-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.16	38.93	-16.59	55.52	19.10	9.64	10.19	Average
2 *	0.16	50.43	-15.09	65.52	30.60	9.64	10.19	QP
3	0.20	27.63	-25.91	53.54	7.60	9.85	10.18	Average
4	0.20	41.13	-22.41	63.54	21.10	9.85	10.18	QP
5	0.25	32.73	-19.09	51.82	13.01	9.53	10.19	Average
6	0.25	42.73	-19.09	61.82	23.01	9.53	10.19	QP
7	0.31	29.81	-20.03	49.84	9.80	9.80	10.21	Average
8	0.31	38.41	-21.43	59.84	18.40	9.80	10.21	QP
9	0.51	28.75	-17.25	46.00	8.90	9.61	10.24	Average
10	0.51	37.65	-18.35	56.00	17.80	9.61	10.24	QP
11	0.60	27.48	-18.52	46.00	7.60	9.64	10.24	Average
12	0.60	36.38	-19.62	56.00	16.50	9.64	10.24	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 Engineer :	Wenbo Xiao	Relative Humidity :	48~49%
		Temperature :	24~25℃

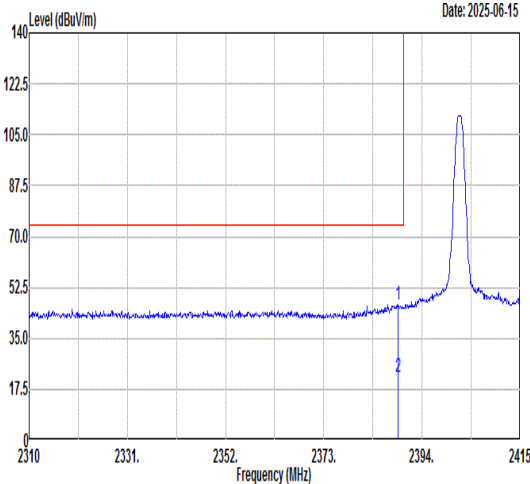
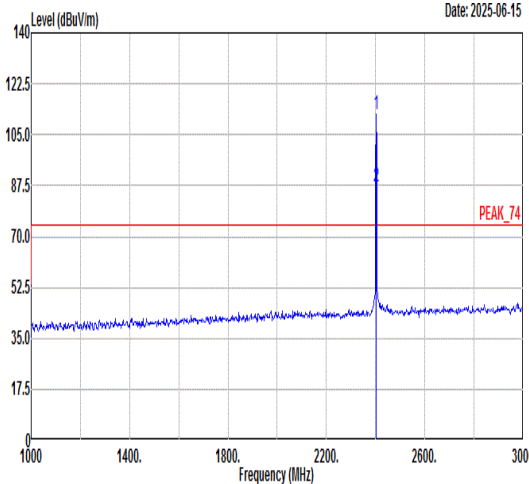
Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	8	Bluetooth BR_GFSK	00	2402	1DH5	-	-
Mode 2	2400-2483.5	8	Bluetooth BR_GFSK	39	2441	1DH5	-	-
Mode 3	2400-2483.5	8	Bluetooth BR_GFSK	78	2480	1DH5	-	-
Mode 4	2400-2483.5	8	Bluetooth BR_GFSK-LF	39	2441	1DH5	-	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	2388.86	46.47	74.00	-27.53	H	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	49.67	74.00	-24.33	V	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	4882.00	51.57	74.00	-22.43	V	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2484.19	48.31	74.00	-25.69	H	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	4960.00	46.75	74.00	-27.25	V	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK-LF	39	52.31	28.73	40.00	-11.27	V	PEAK	PASS	Band Edge

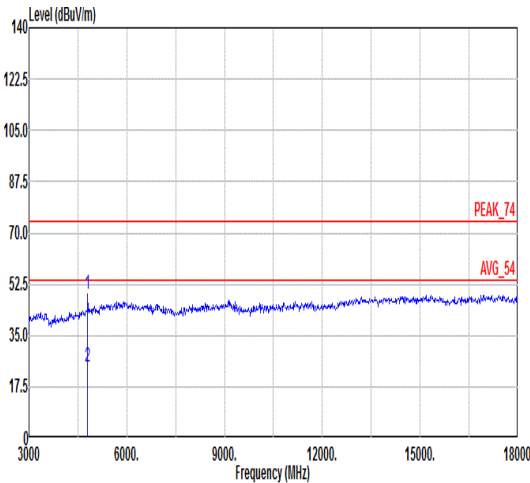
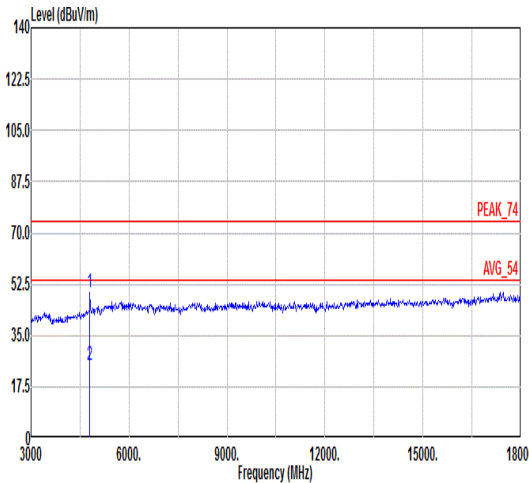


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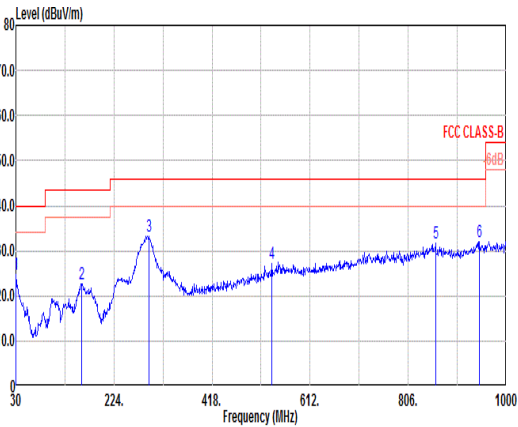
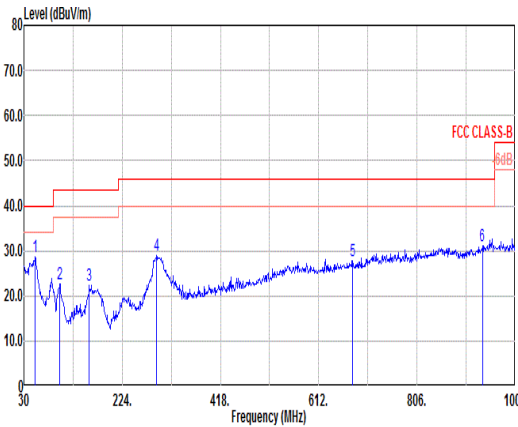


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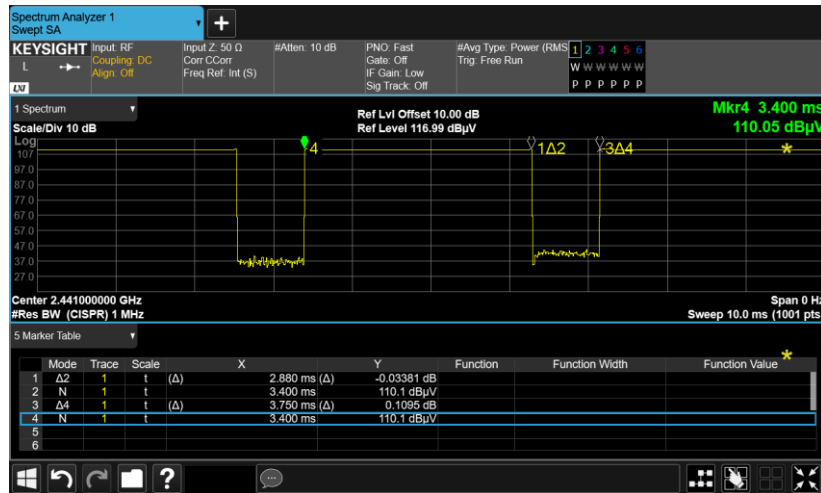
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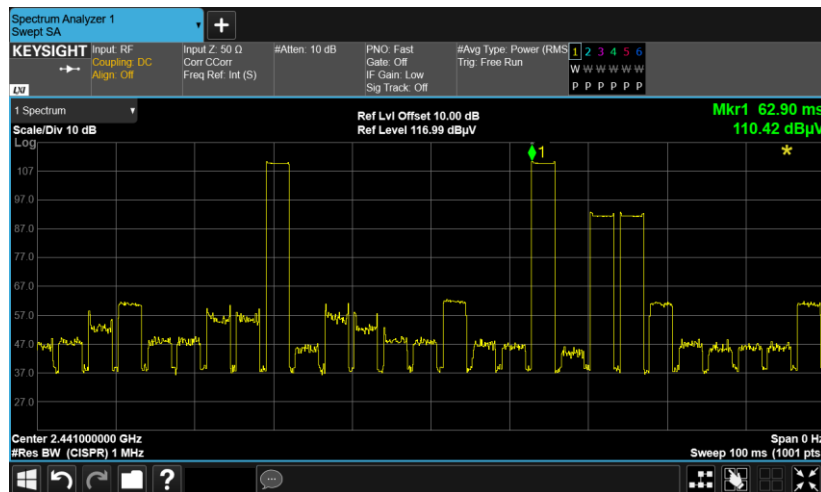
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Appendix D. Duty Cycle Plots

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.