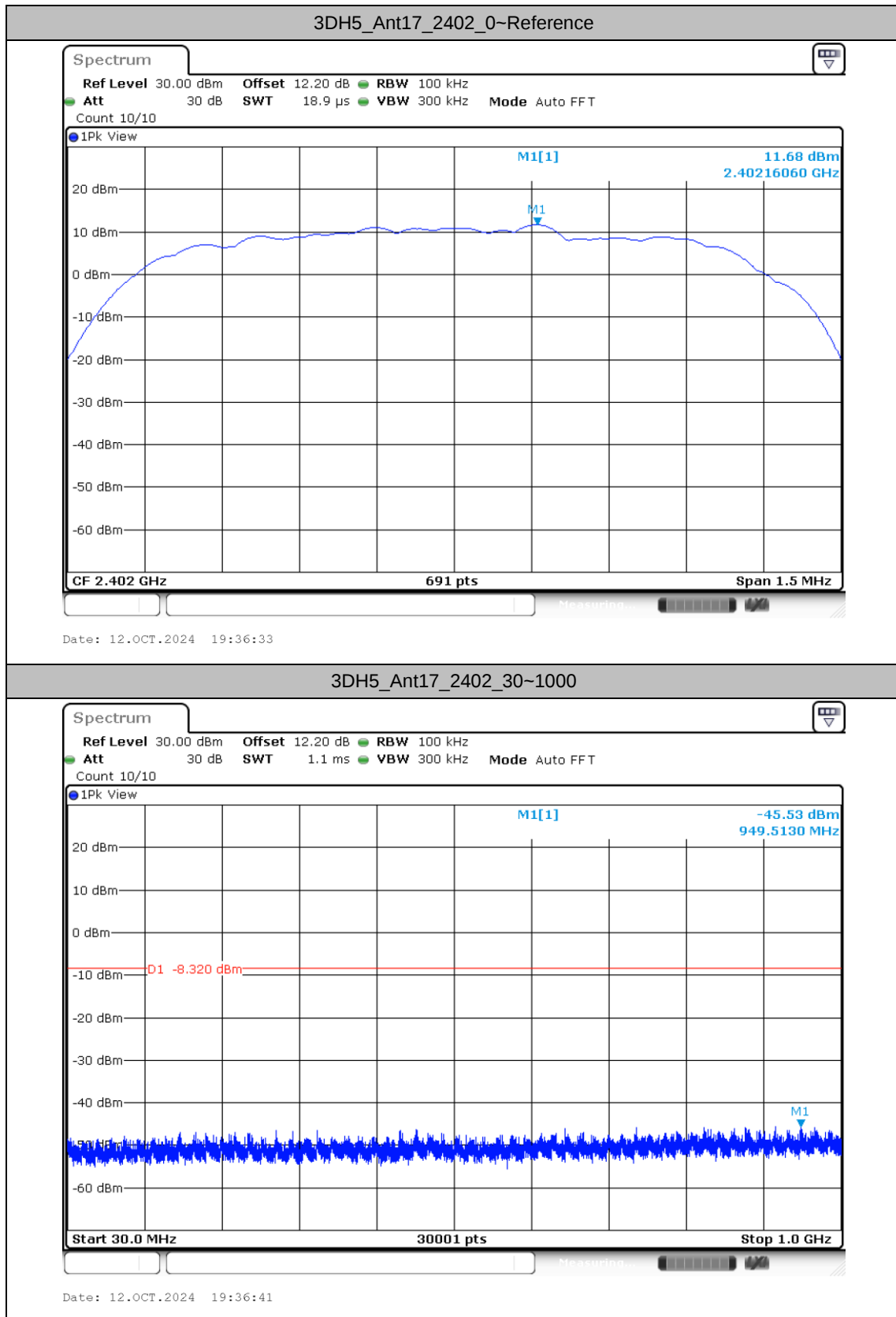
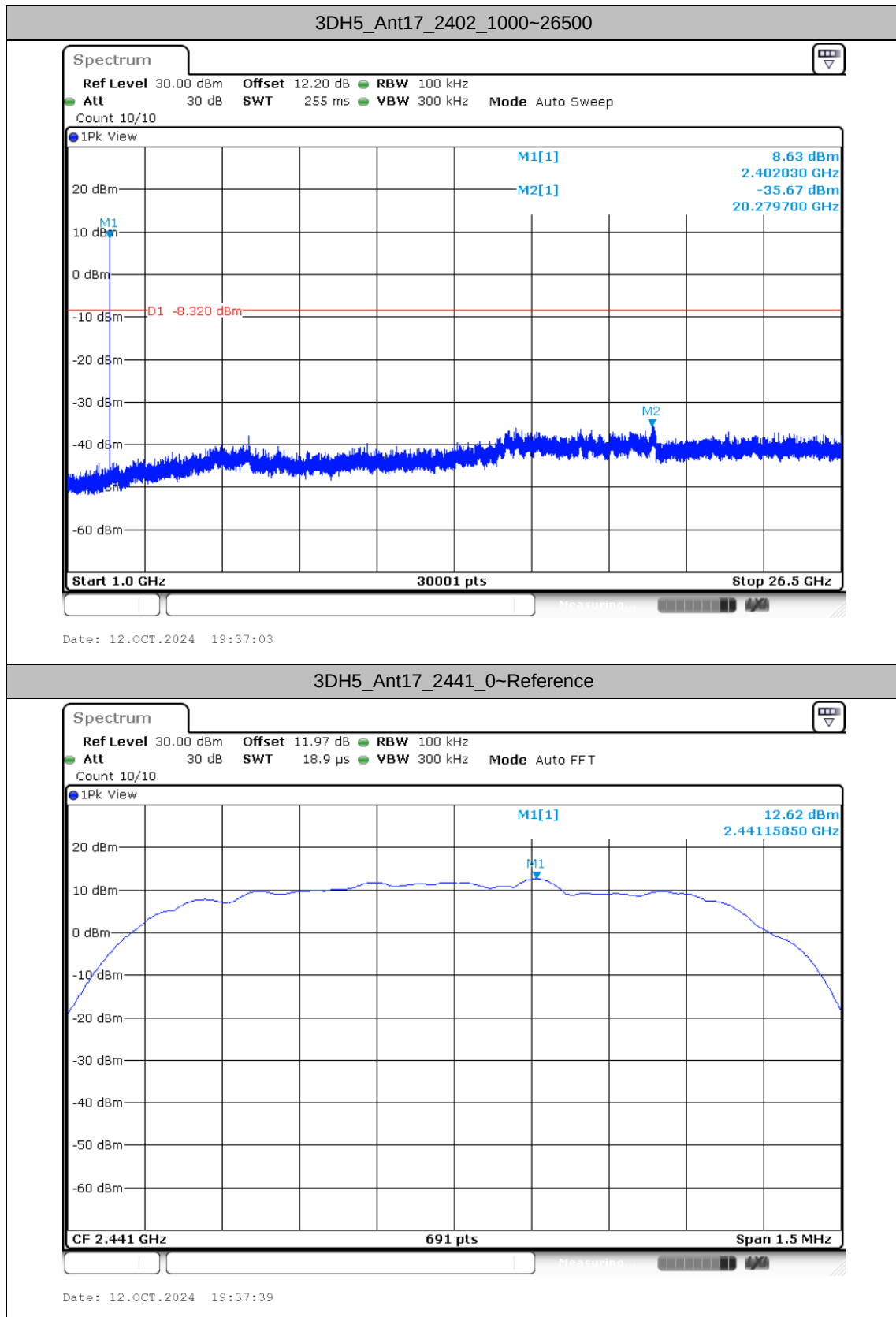
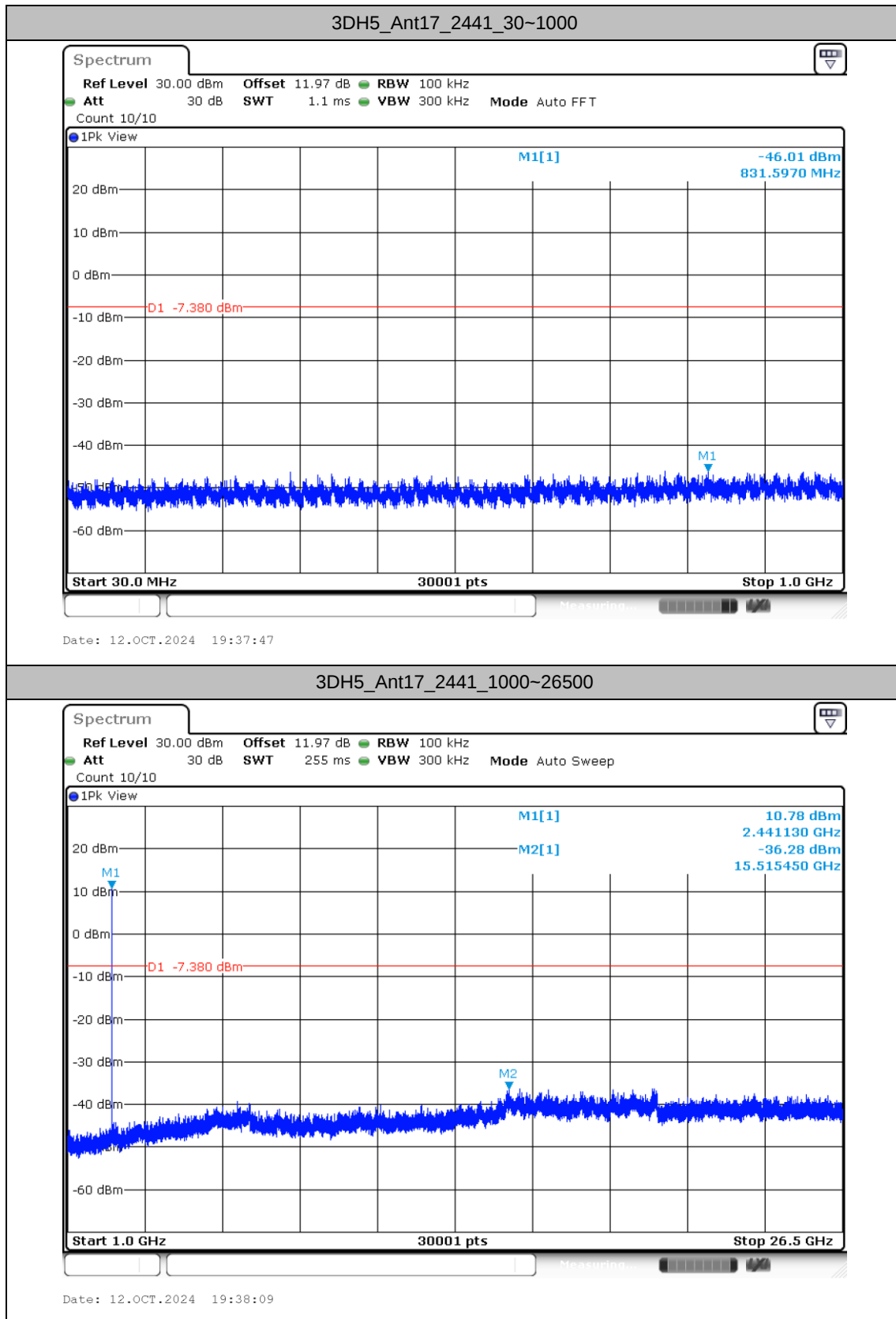
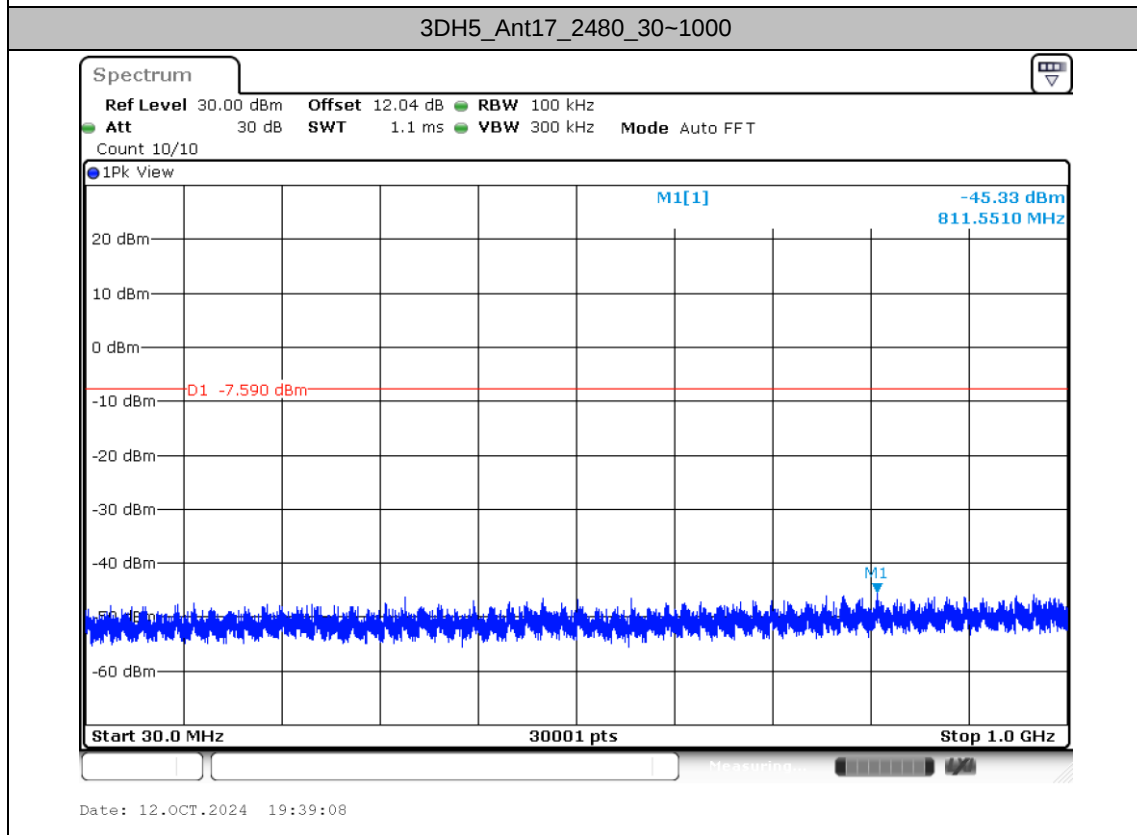
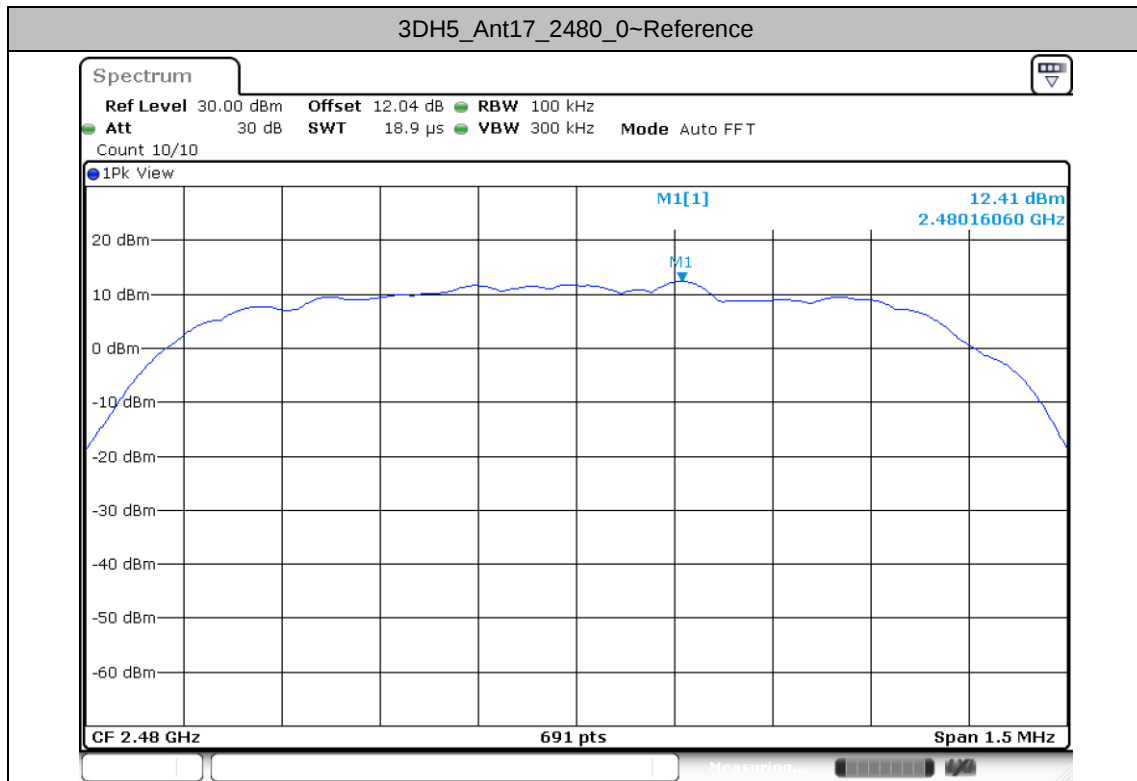
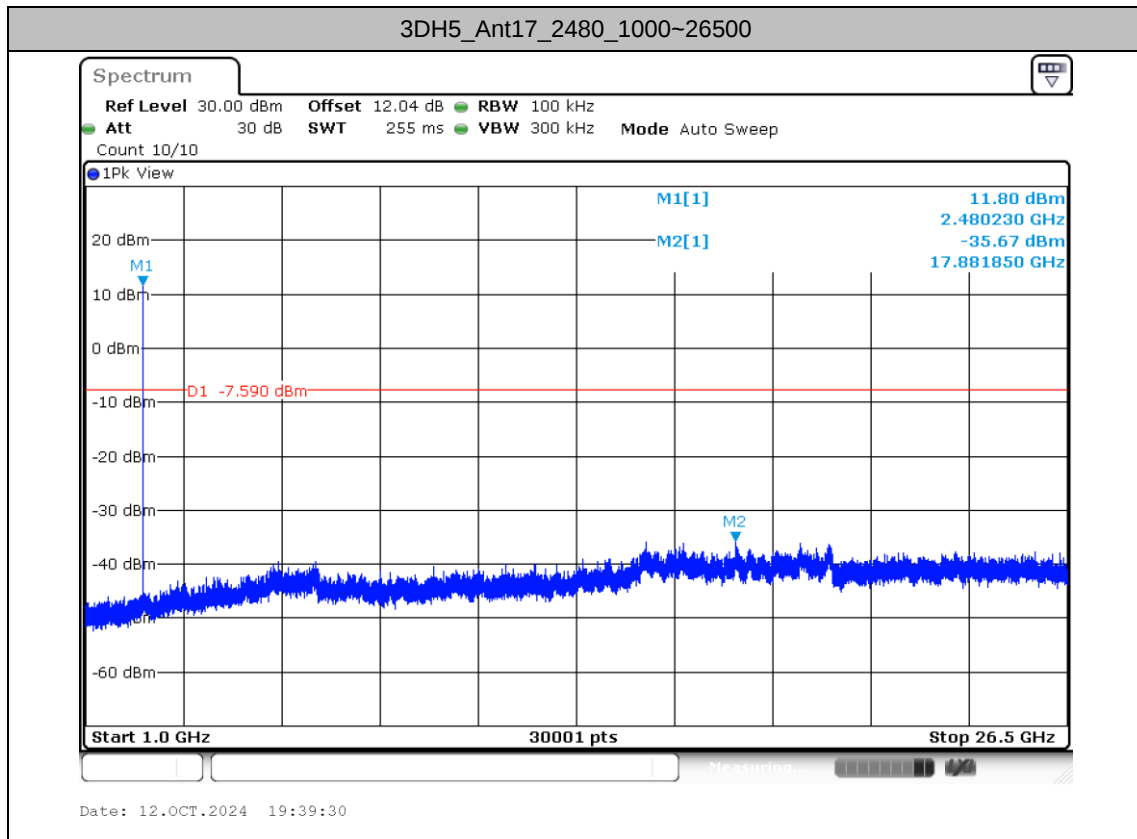






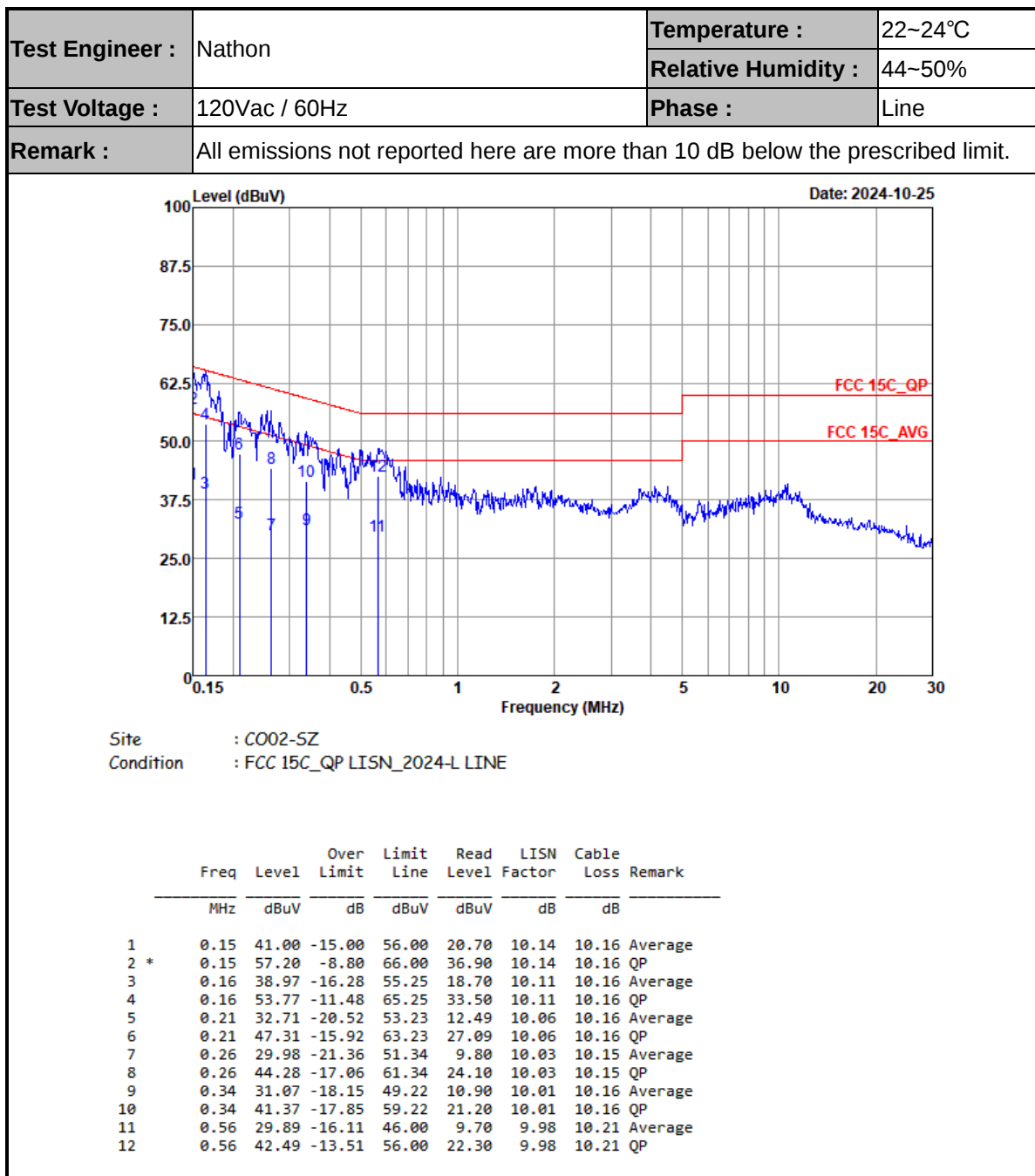






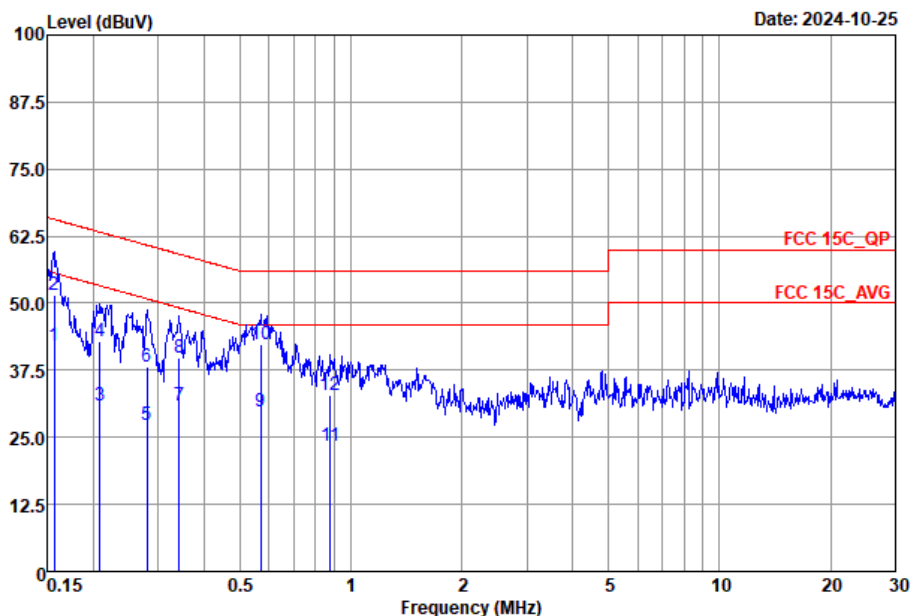


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Nathon	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 : CO02-SZ
Condition : FCC 15C_QP LISN_2024-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.16	42.17	-13.48	55.65	21.90	10.11	10.16	Average
2	0.16	51.47	-14.18	65.65	31.20	10.11	10.16	QP
3	0.21	30.89	-22.38	53.27	10.70	10.03	10.16	Average
4	0.21	42.89	-20.38	63.27	22.70	10.03	10.16	QP
5	0.28	27.35	-23.46	50.81	7.20	10.00	10.15	Average
6	0.28	38.15	-22.66	60.81	18.00	10.00	10.15	QP
7	0.34	30.94	-18.19	49.13	10.80	9.98	10.16	Average
8	0.34	39.74	-19.39	59.13	19.60	9.98	10.16	QP
9	0.57	29.88	-16.12	46.00	9.71	9.96	10.21	Average
10 *	0.57	42.28	-13.72	56.00	22.11	9.96	10.21	QP
11	0.88	23.49	-22.51	46.00	3.30	9.96	10.23	Average
12	0.88	32.89	-23.11	56.00	12.70	9.96	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

Test Engineer :	Reid Huang	Relative Humidity :	48~49%
		Temperature :	24-25°C

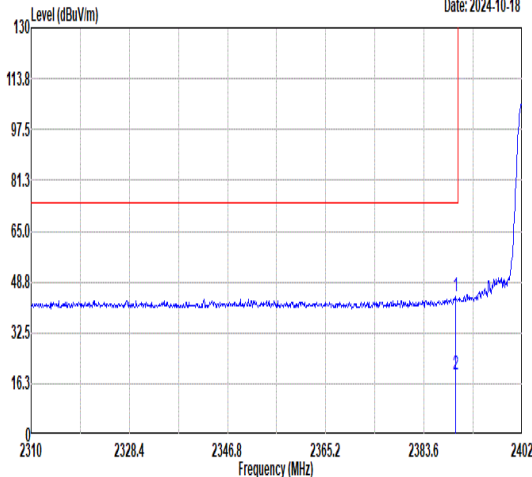
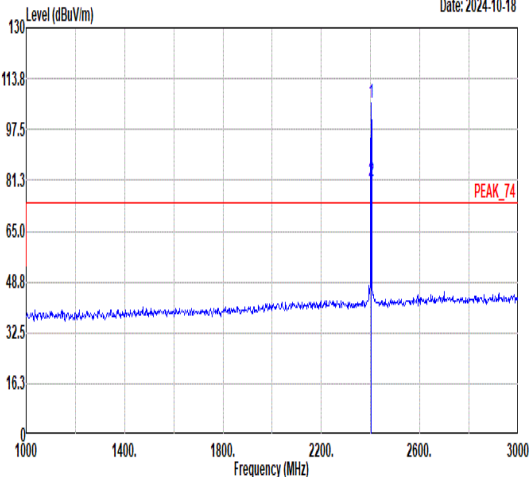
Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	17	Bluetooth BR_GFSK	00	2402	1DH5	-	-
Mode 2	2400-2483.5	17	Bluetooth BR_GFSK	39	2441	1DH5	-	-
Mode 3	2400-2483.5	17	Bluetooth BR_GFSK	78	2480	1DH5	-	-
Mode 4	2400-2483.5	17	Bluetooth BR_GFSK-LF	78	2480	1DH5	-	-

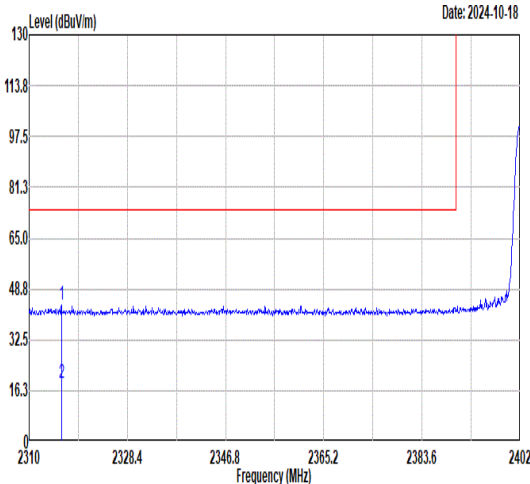
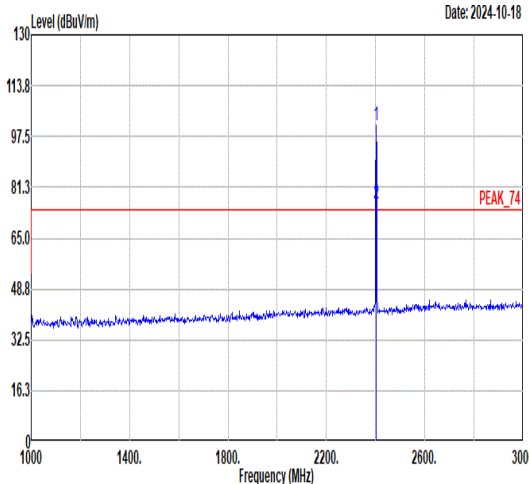
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2389.49	44.05	74.00	-29.95	H	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	43.27	74.00	-30.73	H	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	43.55	74.00	-30.45	V	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2483.54	51.08	74.00	-22.92	H	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	4960.00	45.72	74.00	-28.28	V	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK-LF	78	844.8	31.81	46	-14.19	V	Peak	Pass	LF



Mode	1																																																																																																																						
	Band Edge																																																																																																																						
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																																																																						
ANT	17																																																																																																																						
Pol.	Horizontal						Fundamental																																																																																																																
Peak																																																																																																																							
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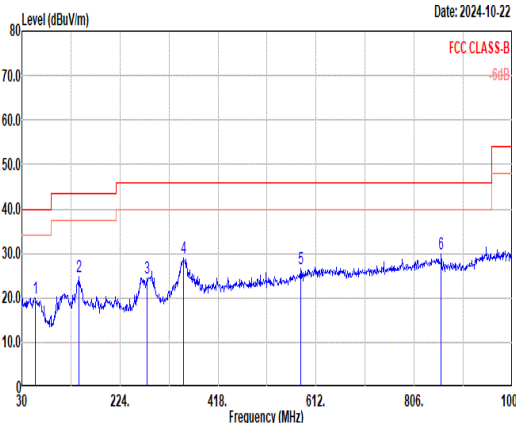
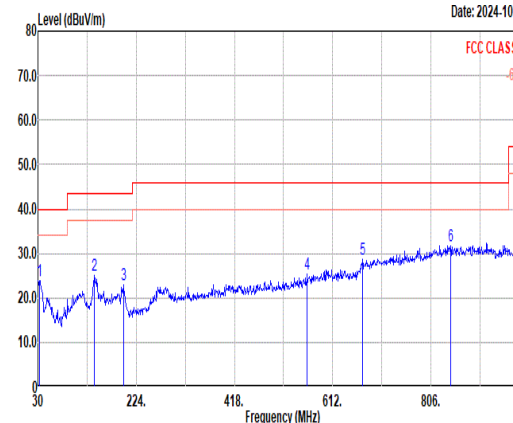


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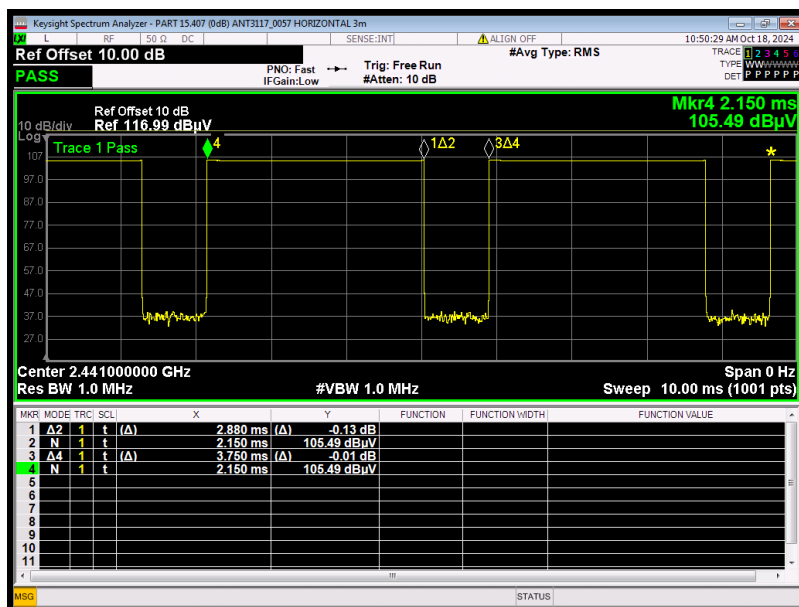


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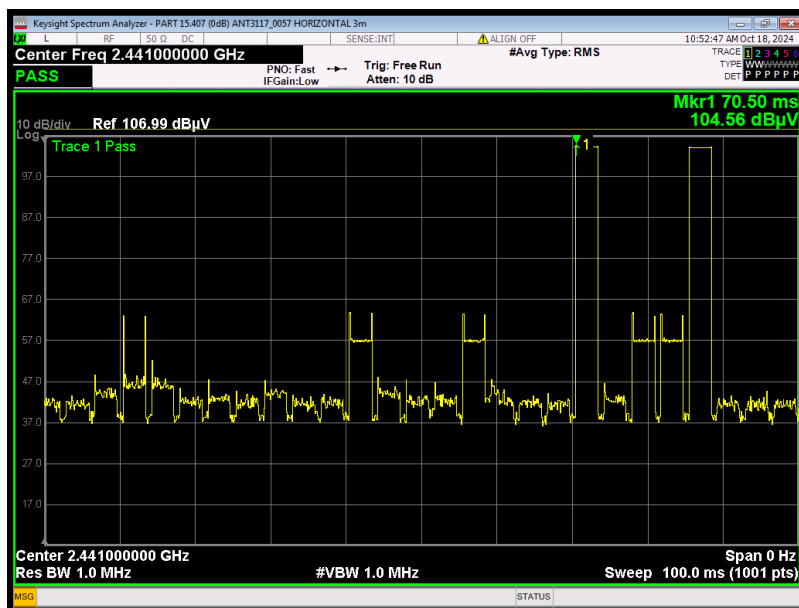


Appendix D. Duty Cycle Plots

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.