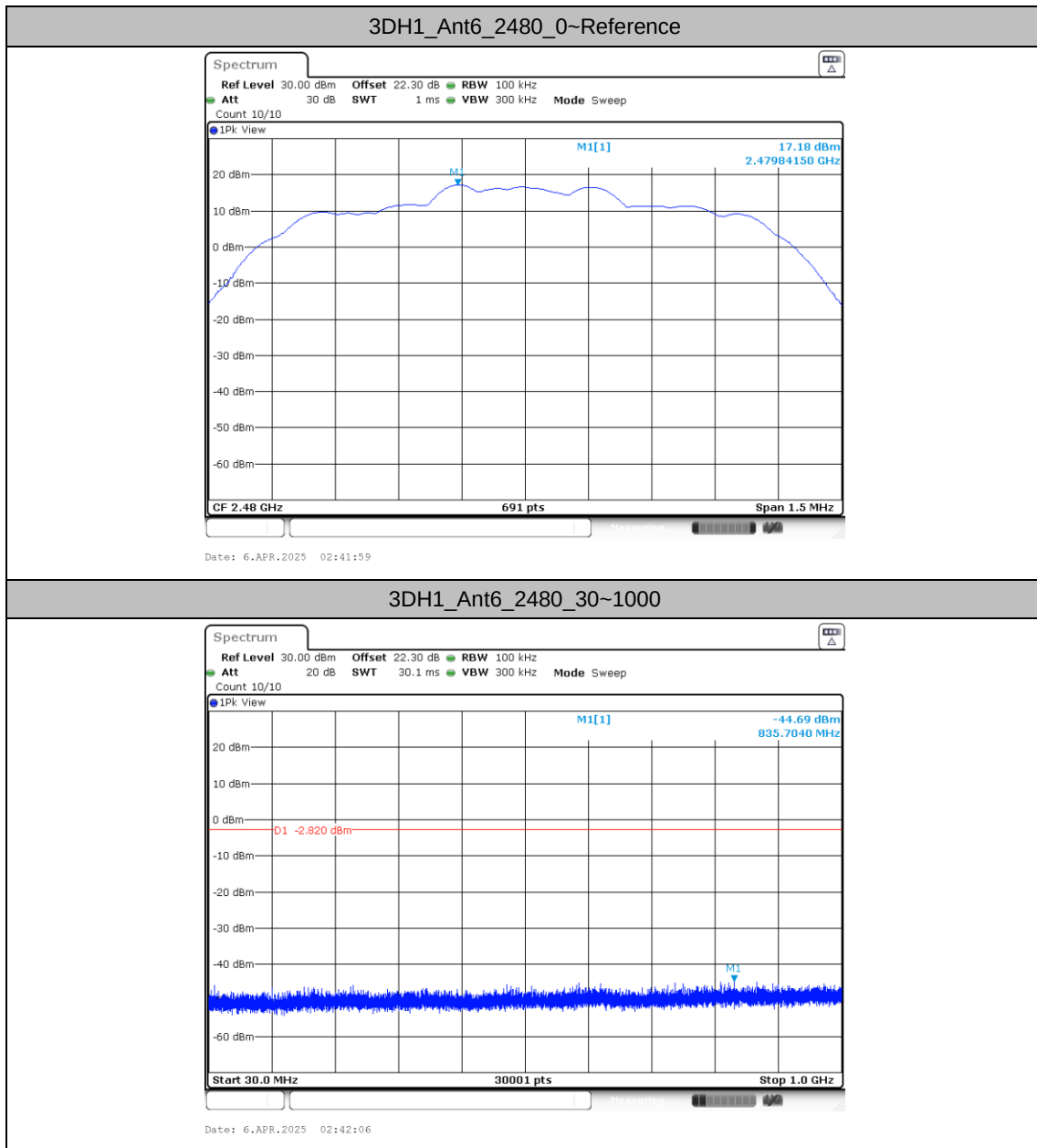
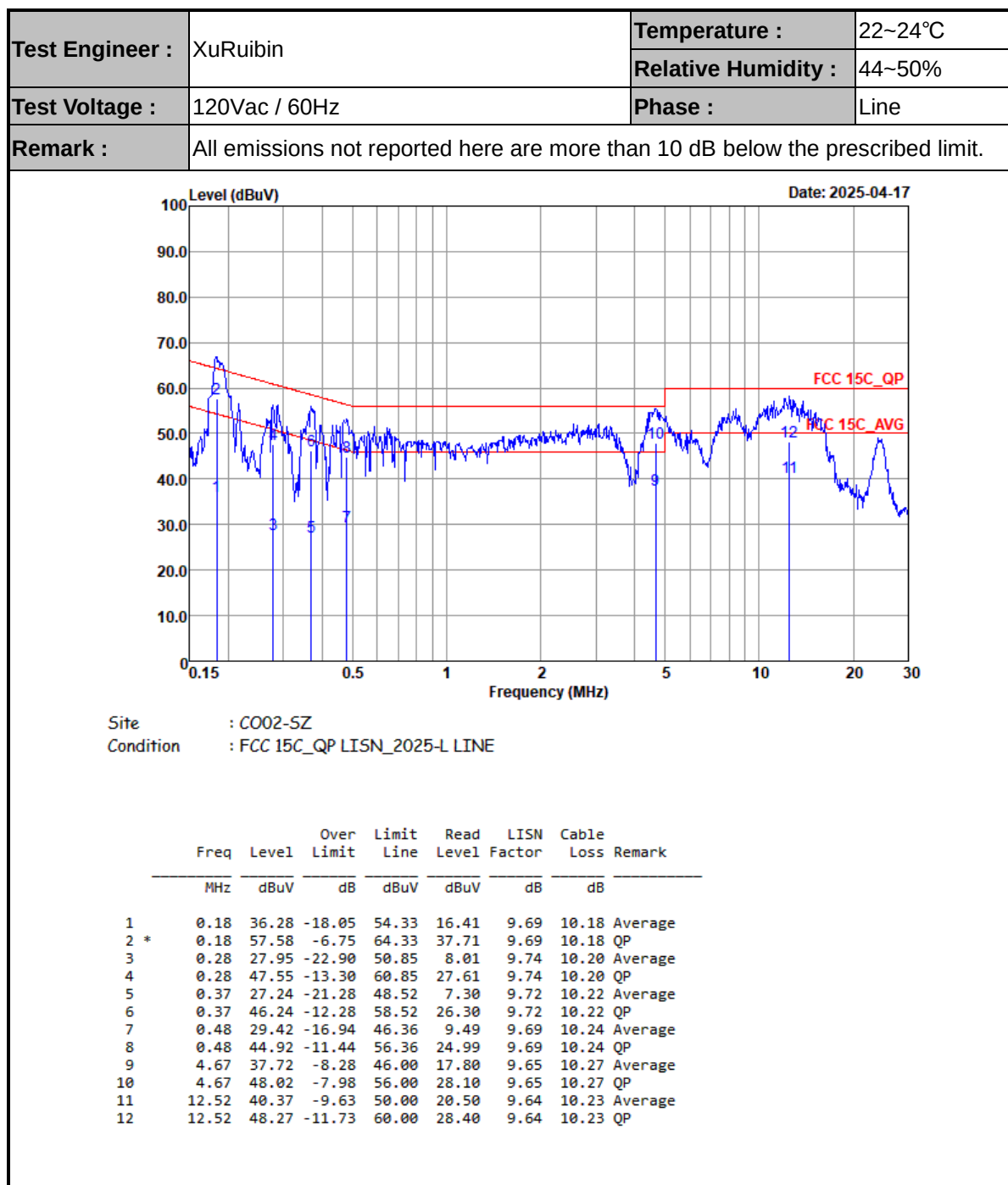




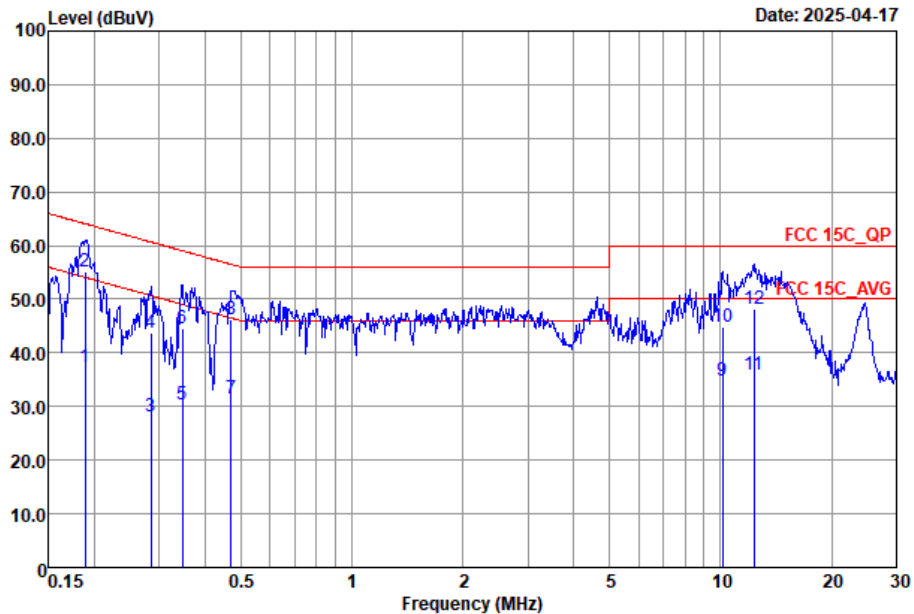




Appendix B. AC Conducted Emission Test Results



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 : CO02-SZ
Condition : FCC 15C_QP LISN_2025-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.19	37.21	-16.85	54.06	17.20	9.83	10.18	Average
2 *	0.19	55.11	-8.95	64.06	35.10	9.83	10.18	QP
3	0.28	28.10	-22.58	50.68	8.10	9.80	10.20	Average
4	0.28	43.80	-16.88	60.68	23.80	9.80	10.20	QP
5	0.35	30.30	-18.75	49.05	10.49	9.59	10.22	Average
6	0.35	44.60	-14.45	59.05	24.79	9.59	10.22	QP
7	0.47	31.35	-15.14	46.49	11.09	10.02	10.24	Average
8	0.47	46.25	-10.24	56.49	25.99	10.02	10.24	QP
9	10.13	34.80	-15.20	50.00	15.00	9.62	10.18	Average
10	10.13	44.80	-15.20	60.00	25.00	9.62	10.18	QP
11	12.32	35.99	-14.01	50.00	16.09	9.67	10.23	Average
12	12.32	48.29	-11.71	60.00	28.39	9.67	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 Engineer :	Reid Huang	Relative Humidity :	50%
		Temperature :	20-24°C

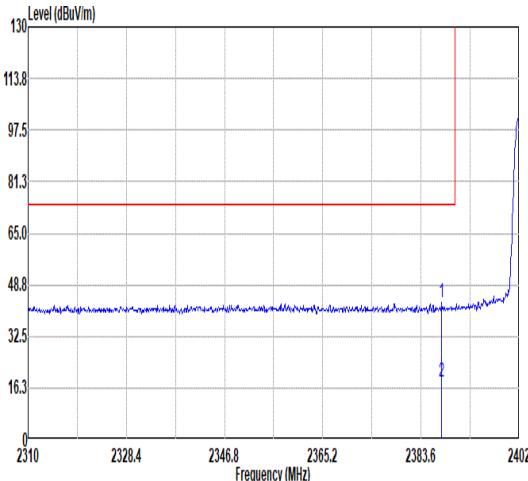
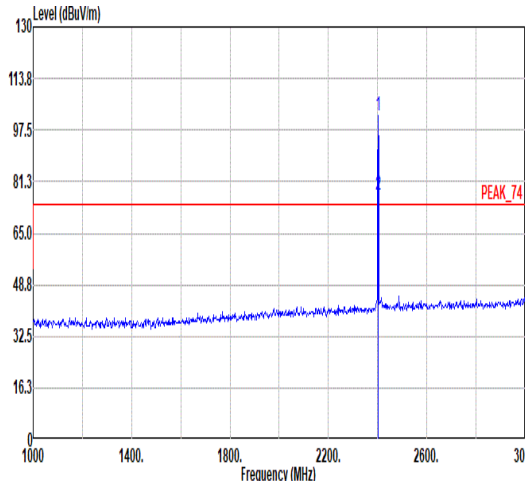
Radiated Spurious Emission Test Modes

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

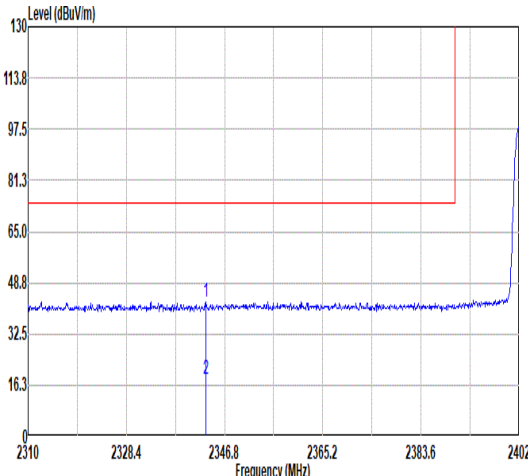
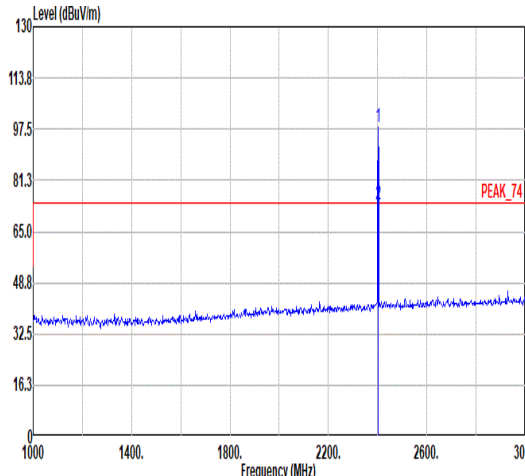
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2387.46	43.06	74.00	-30.94	H	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	44.51	74.00	-29.49	H	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	45.29	74.00	-28.71	H	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2484.31	46.35	74.00	-27.65	H	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	7440.00	45.17	74.00	-28.83	H	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK_LF	78	141.55	29.03	43.50	-14.47	V	Peak	Pass	LF



Mode	1																																																																																																																												
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	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																																																																												
ANT	6																																																																																																																												
Pol.	Horizontal						Fundamental																																																																																																																						
Peak																																																																																																																													
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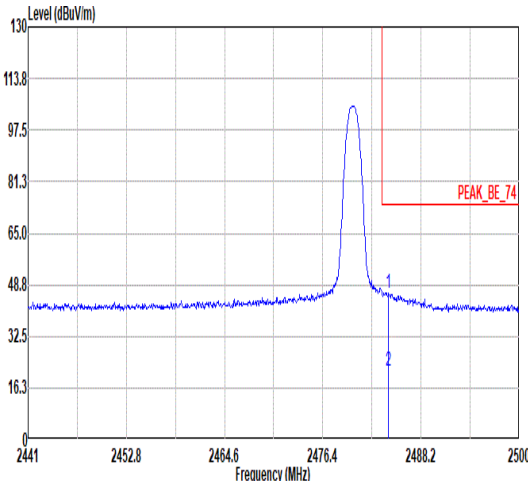
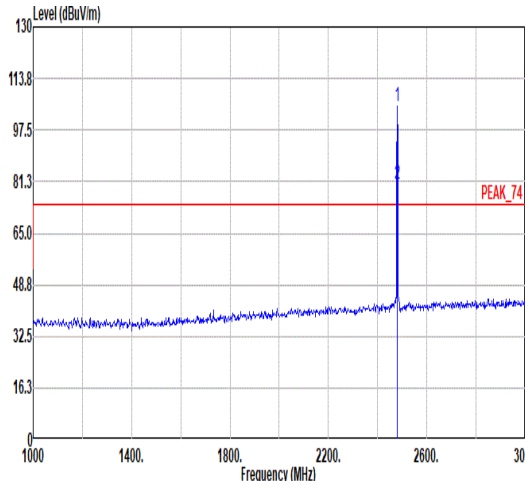


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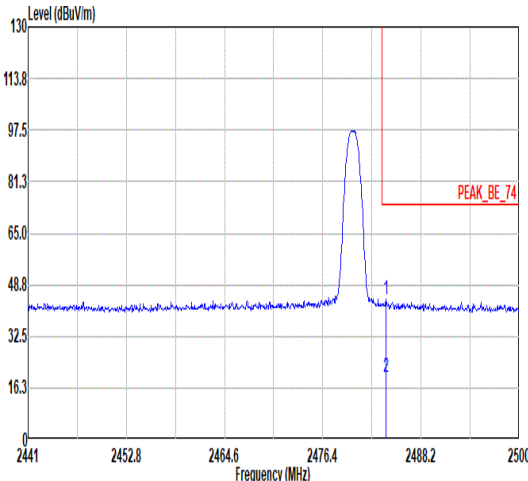
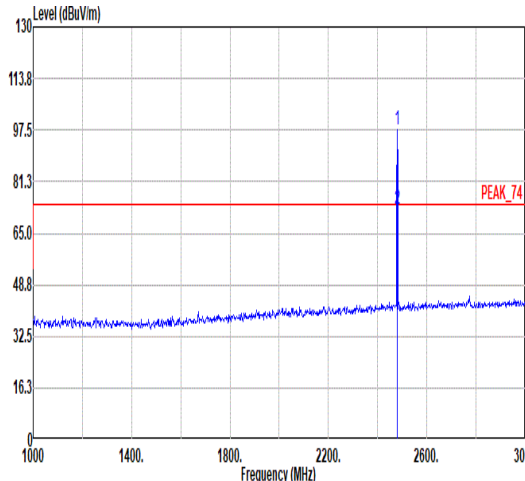


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Peak Avg	Horizontal Polarization Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal trace, a red limit line at 74.00 dBuV/m (PEAK_74), and a red average line at 54.00 dBuV/m (AVG_54). Four measurement points are marked with blue arrows and numbers 1 through 4.						Vertical Polarization Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal trace, a red limit line at 74.00 dBuV/m (PEAK_74), and a red average line at 54.00 dBuV/m (AVG_54). Four measurement points are marked with blue arrows and numbers 1 through 4.																																																																																																																																																																							
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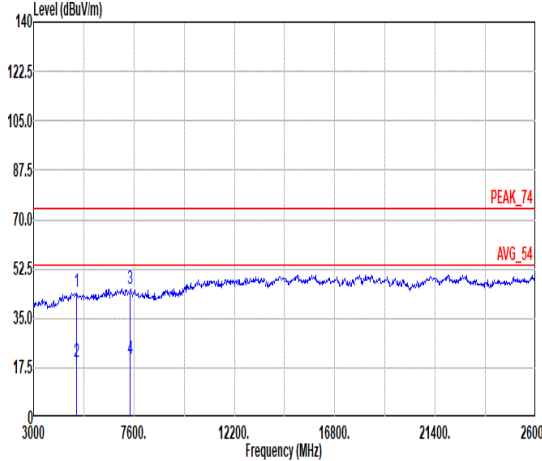
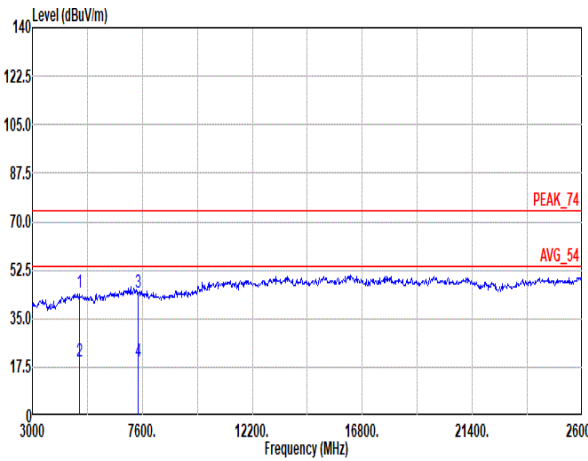


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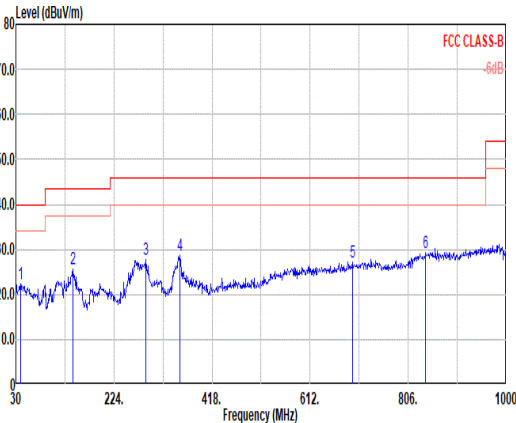
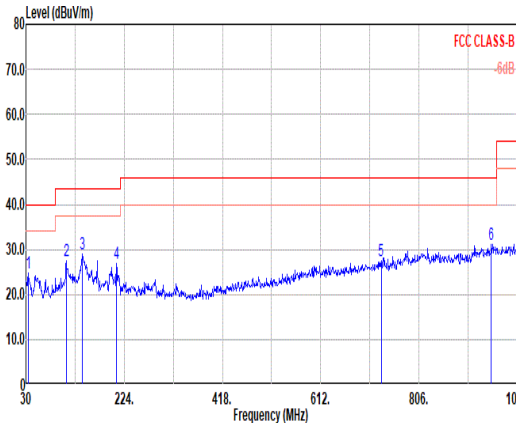


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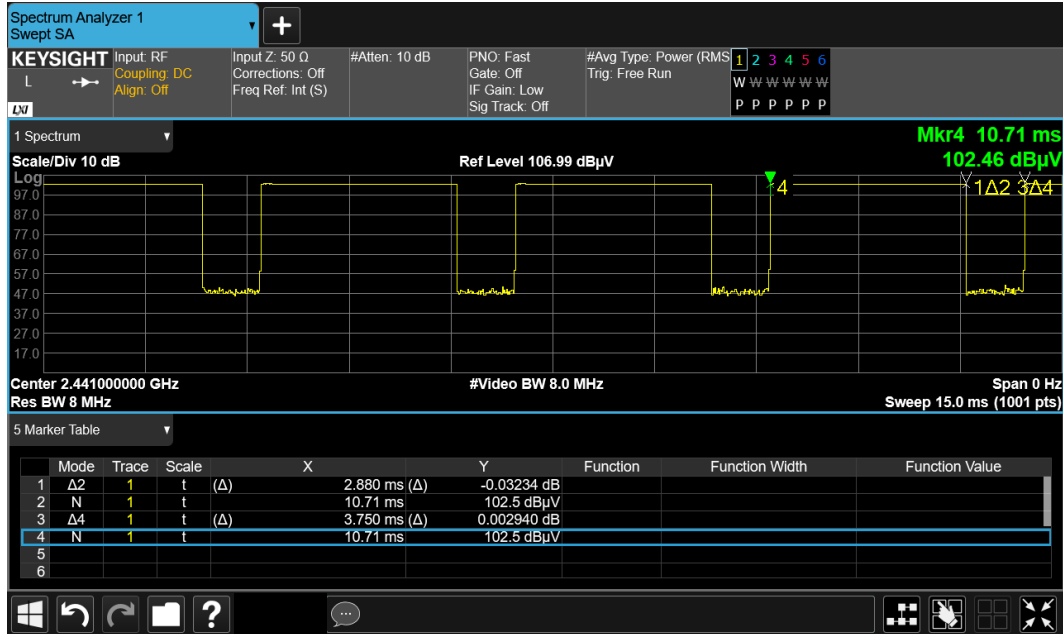
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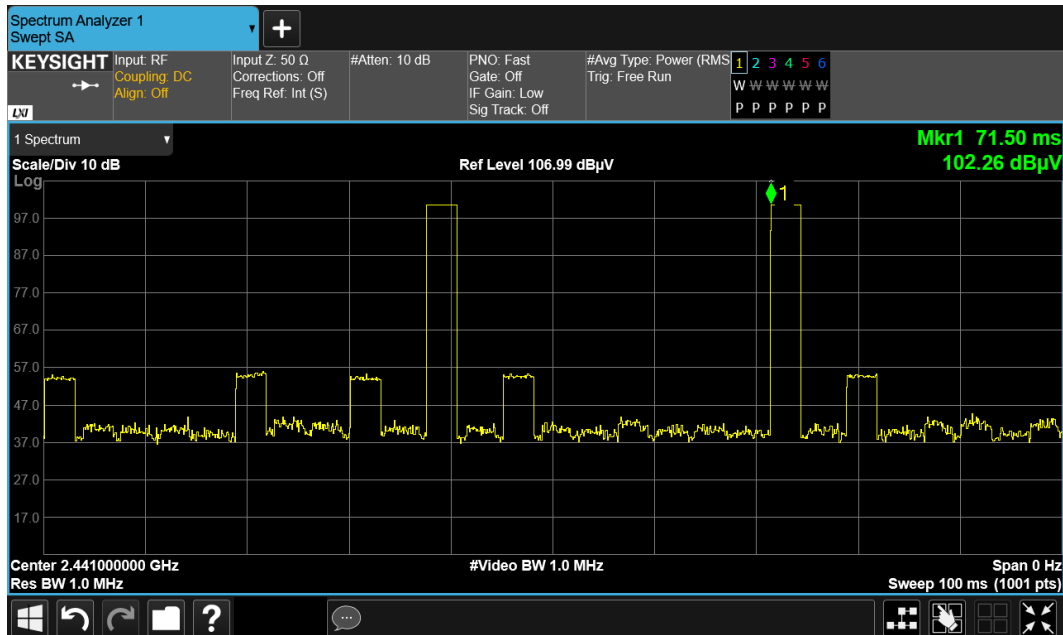
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Appendix D. Duty Cycle Plots

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.