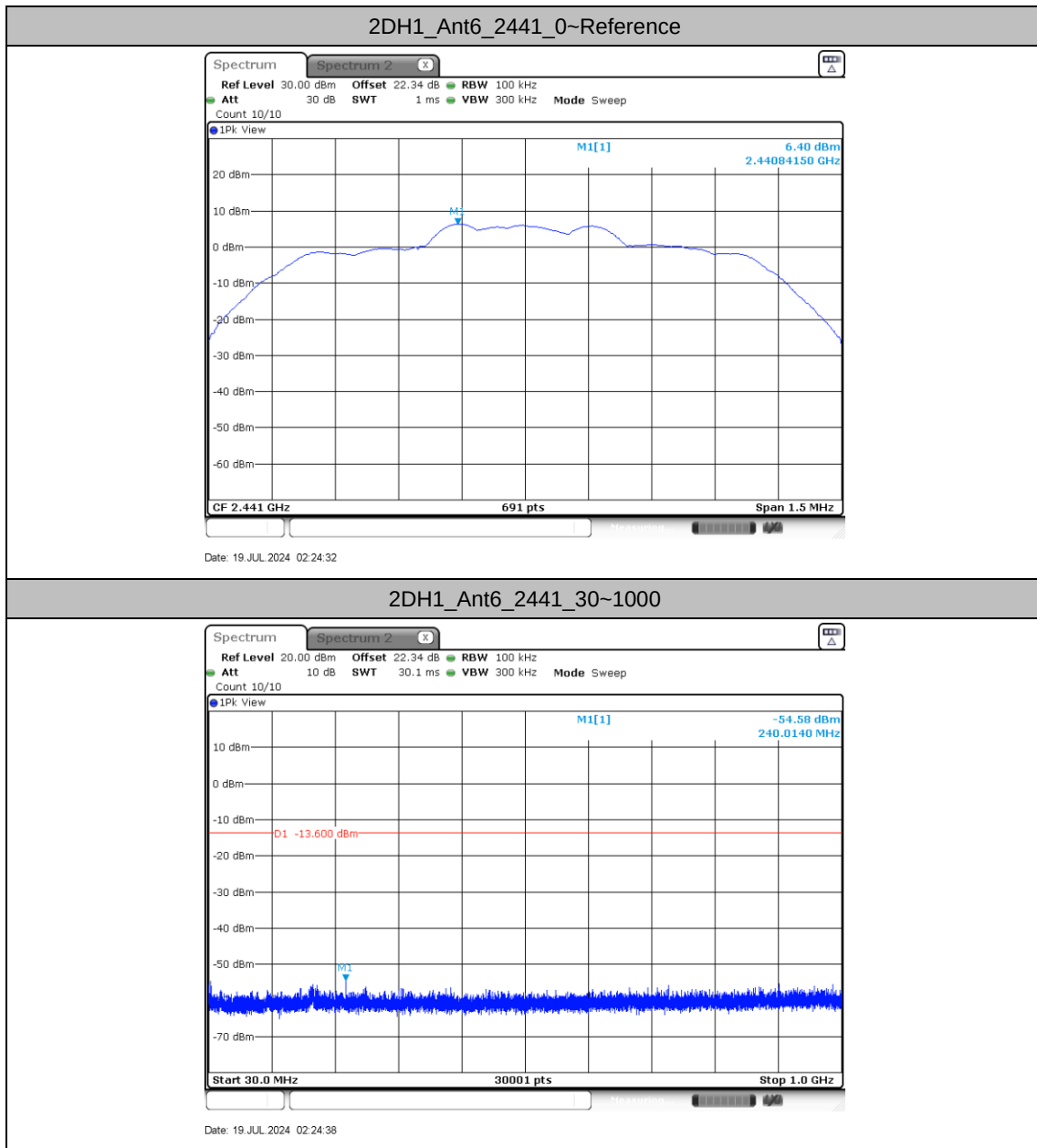
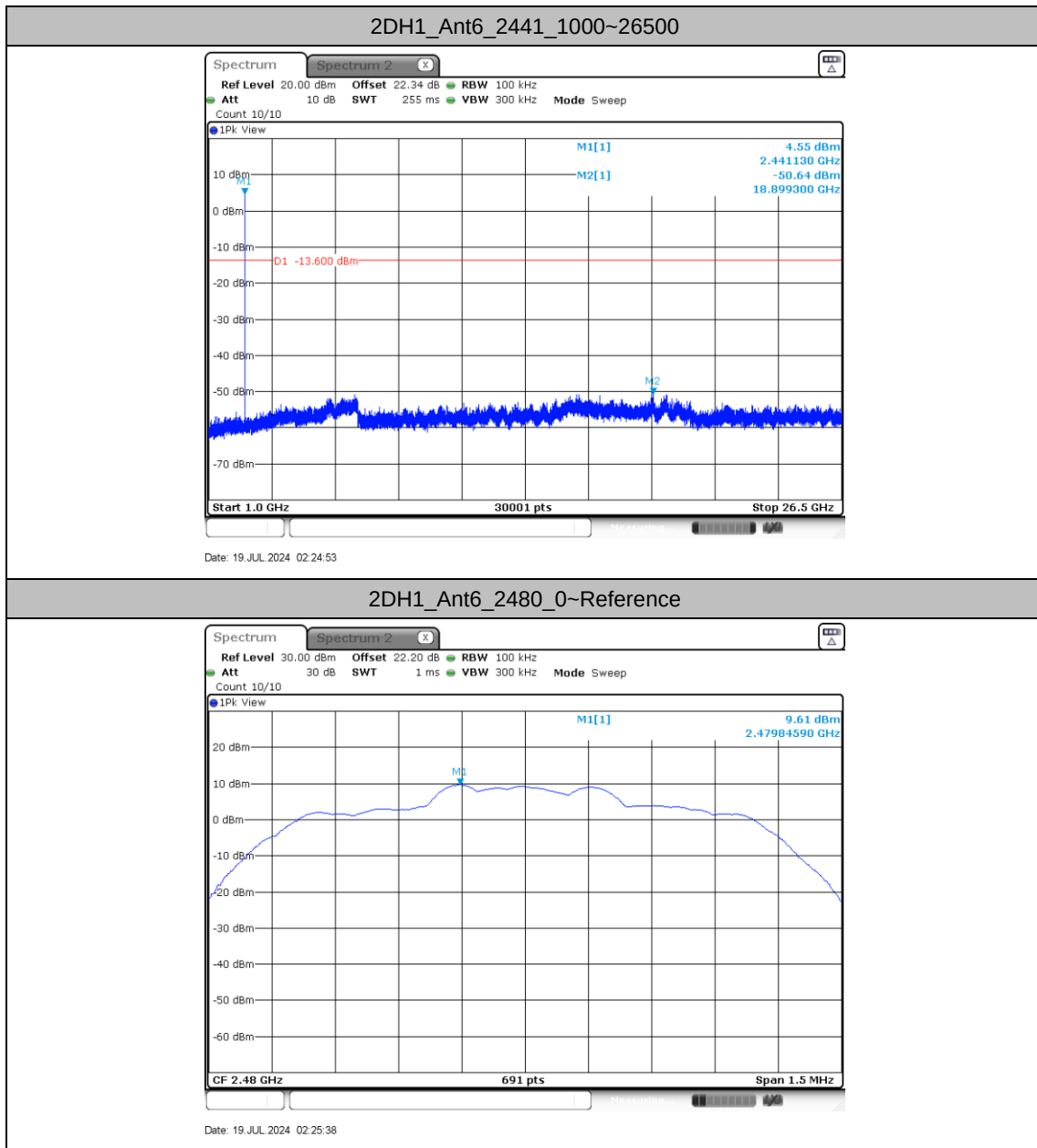
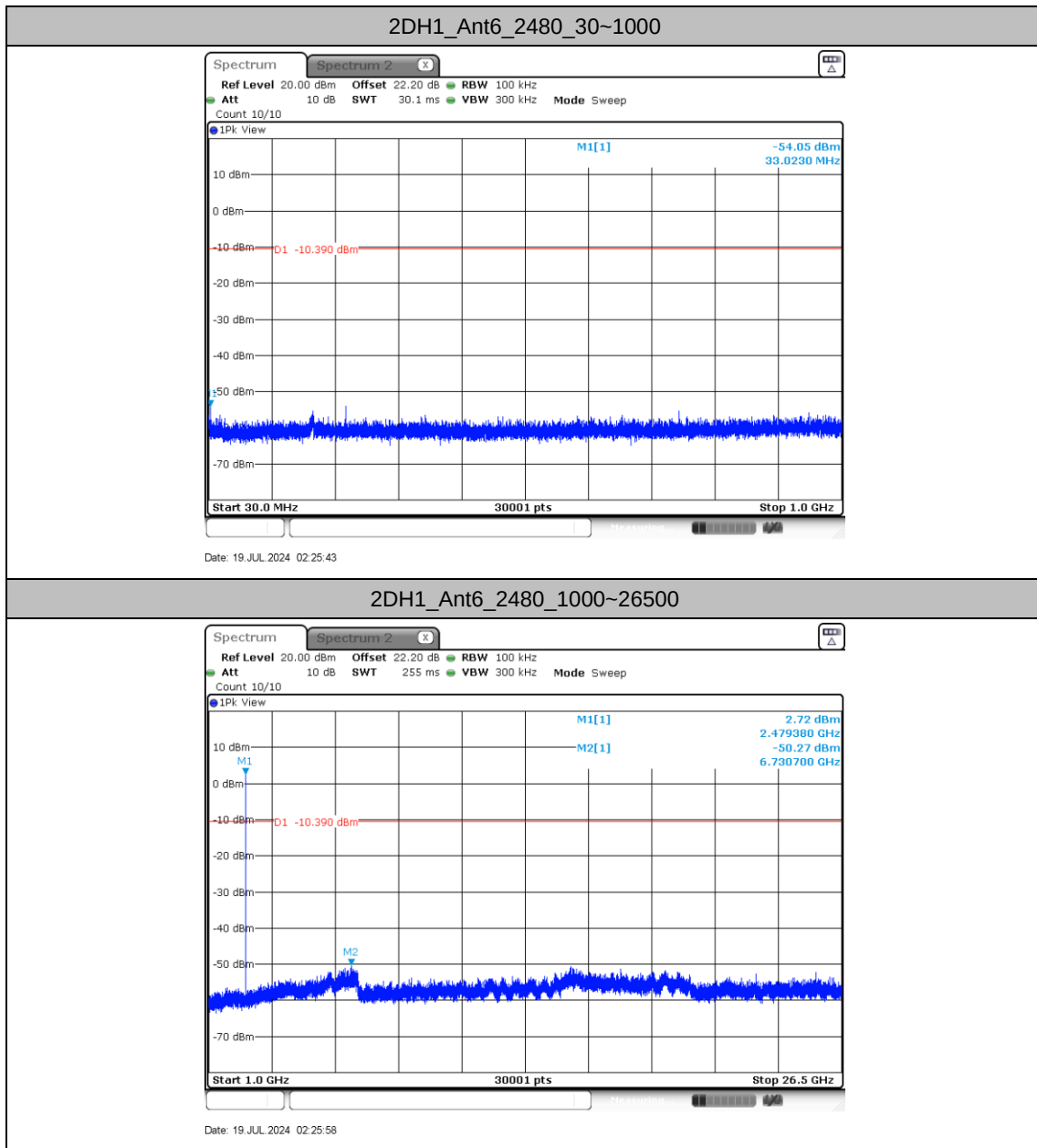
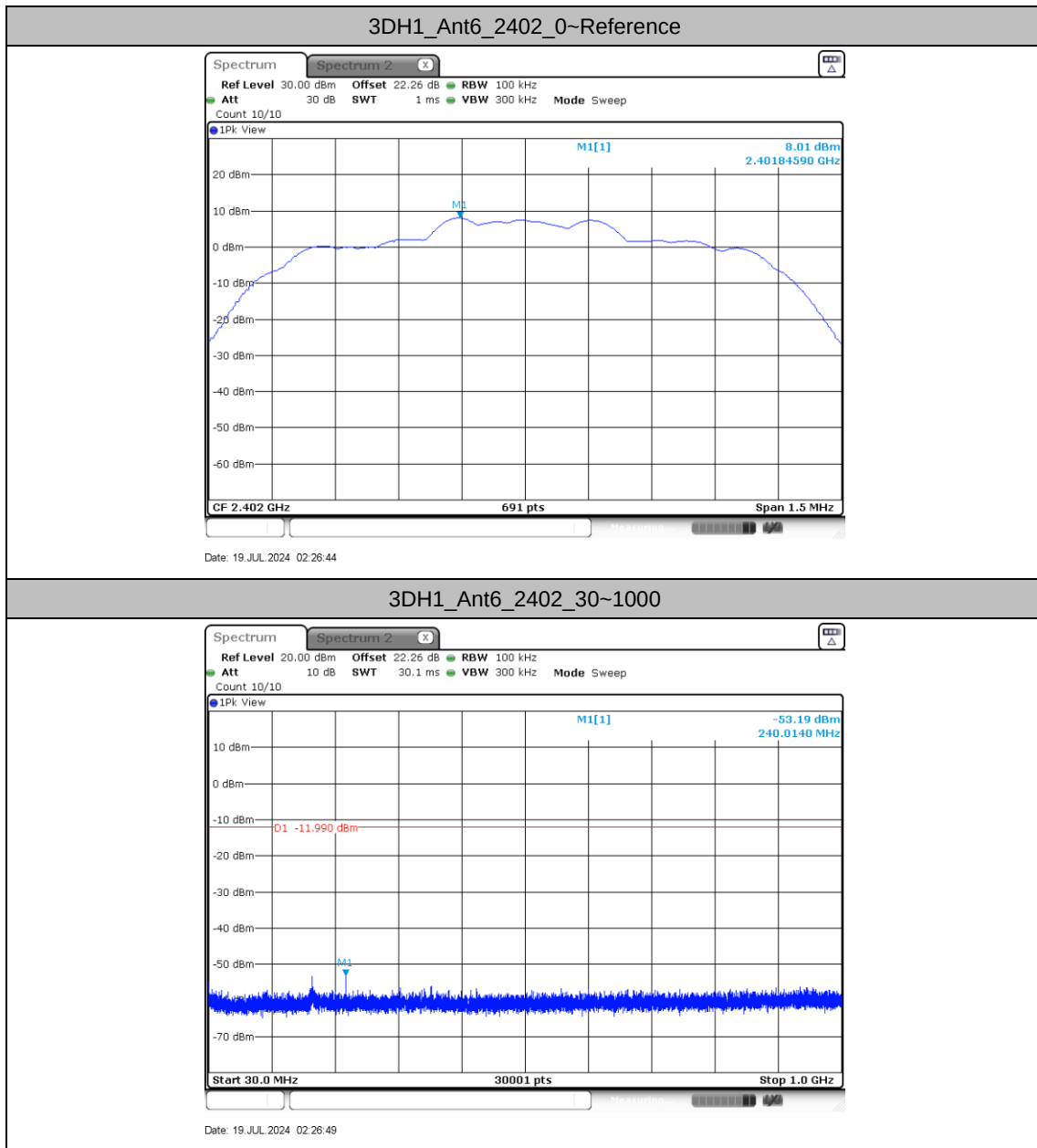
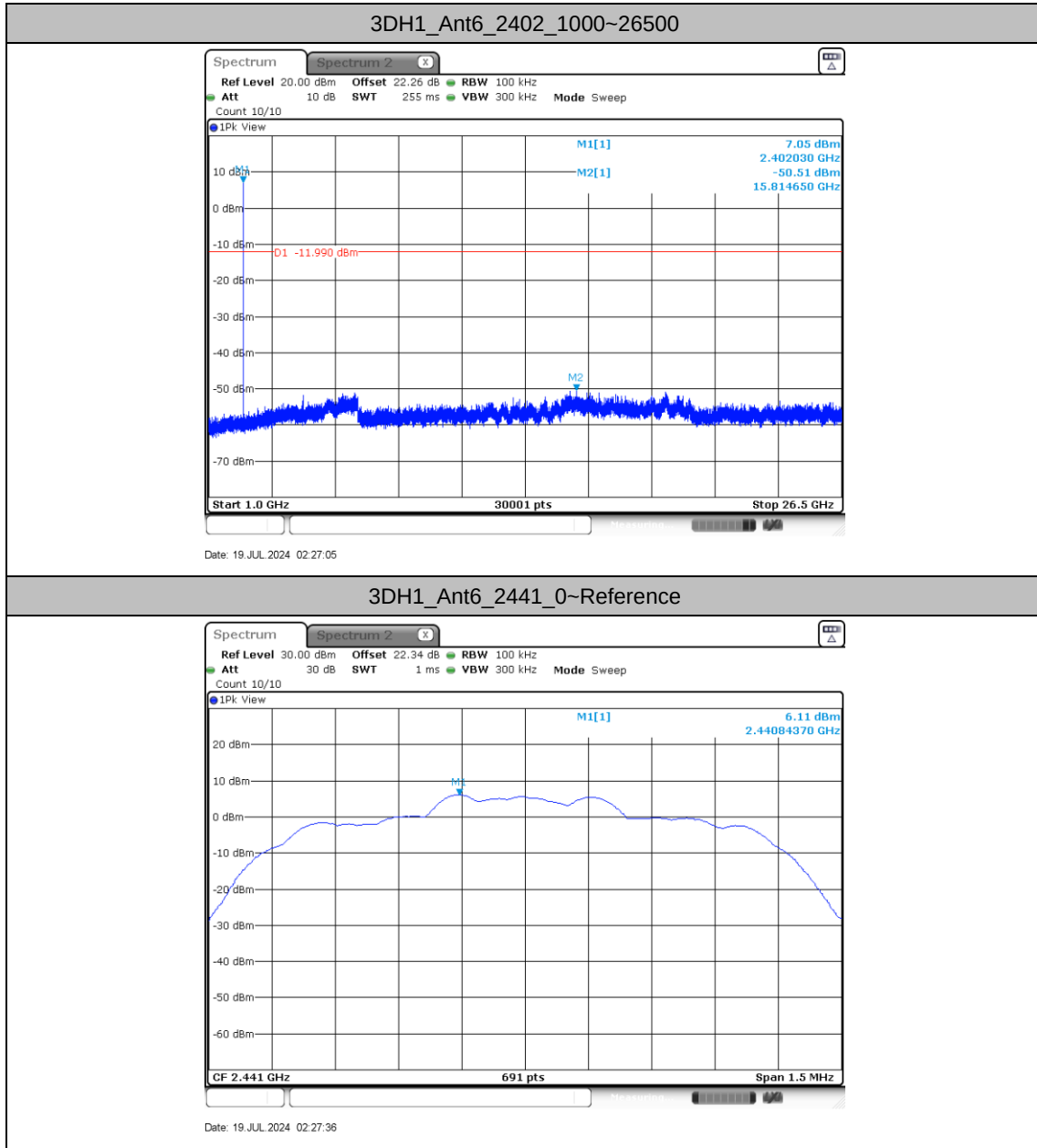


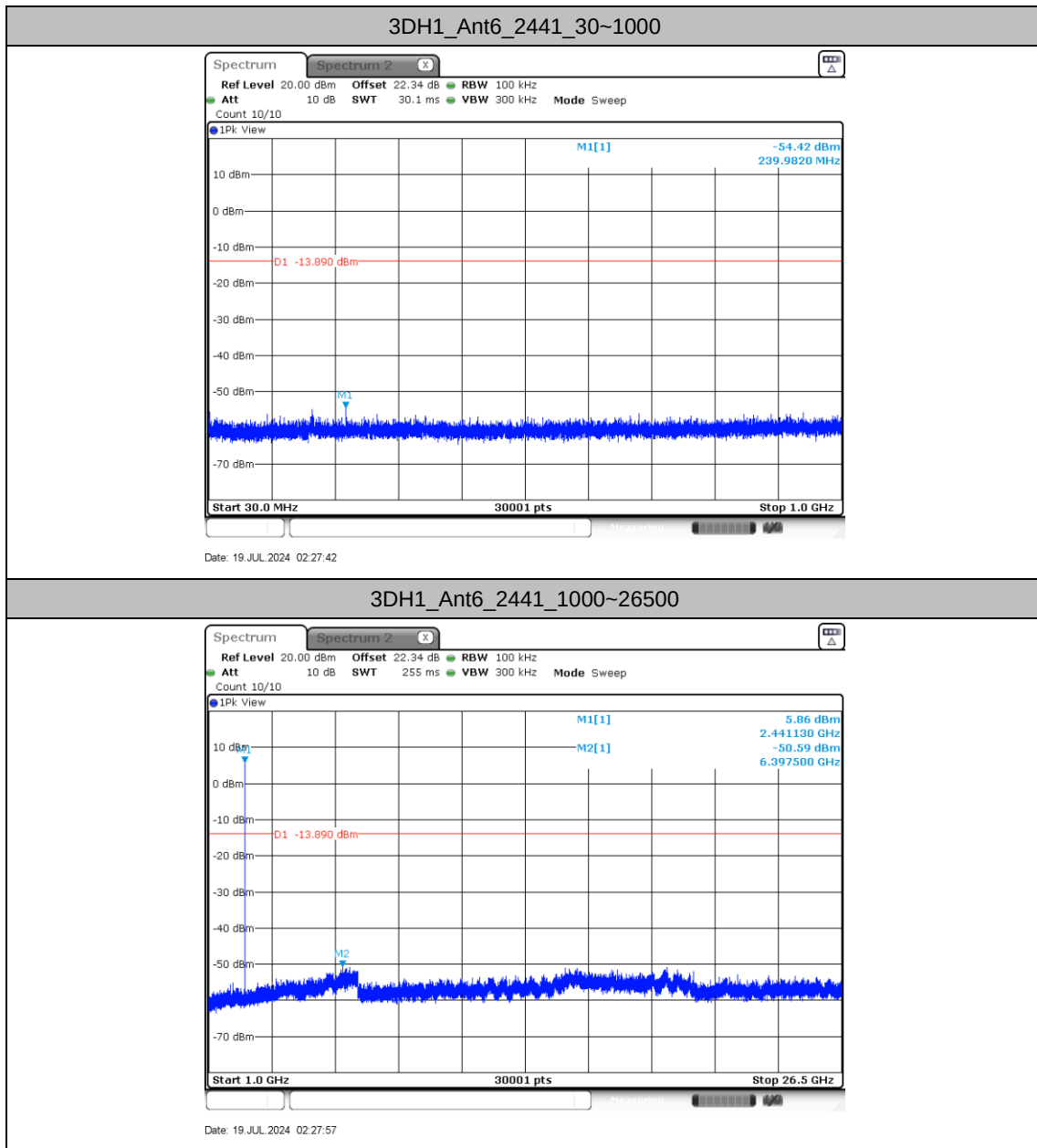


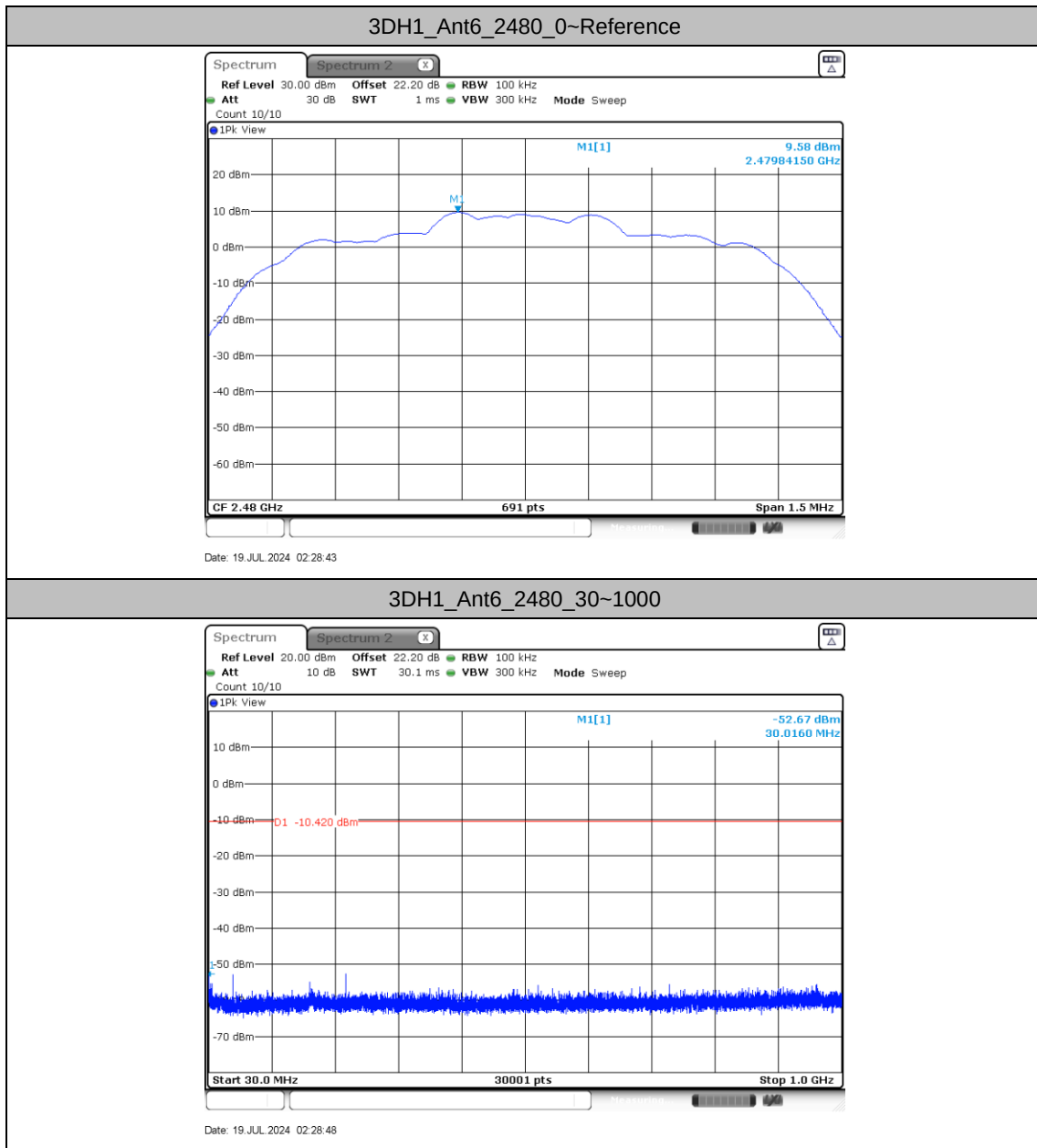


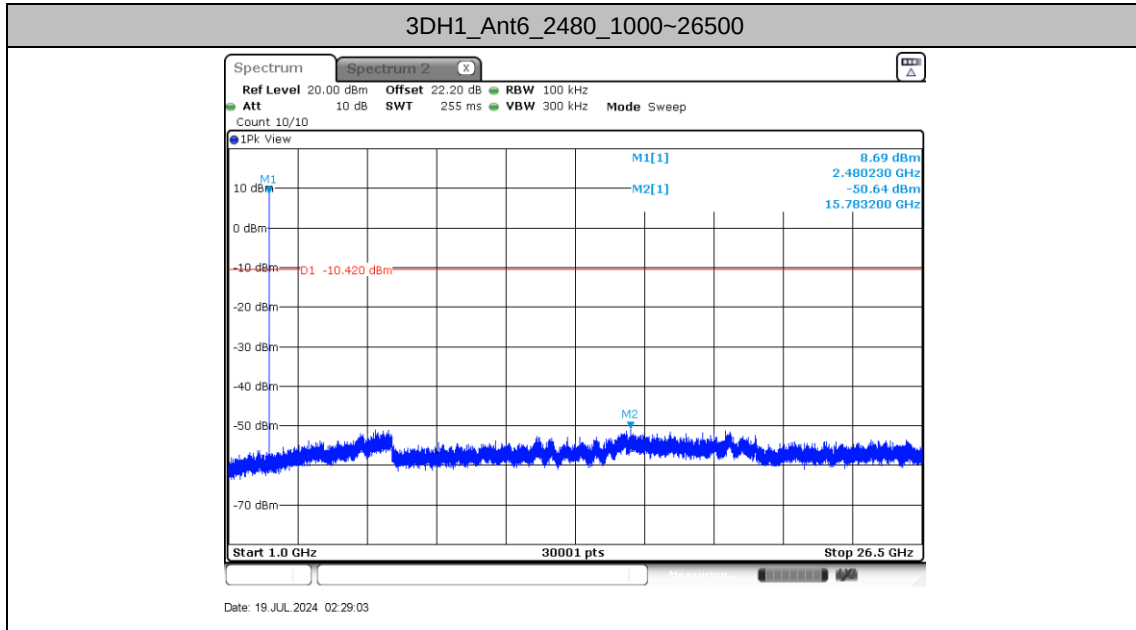








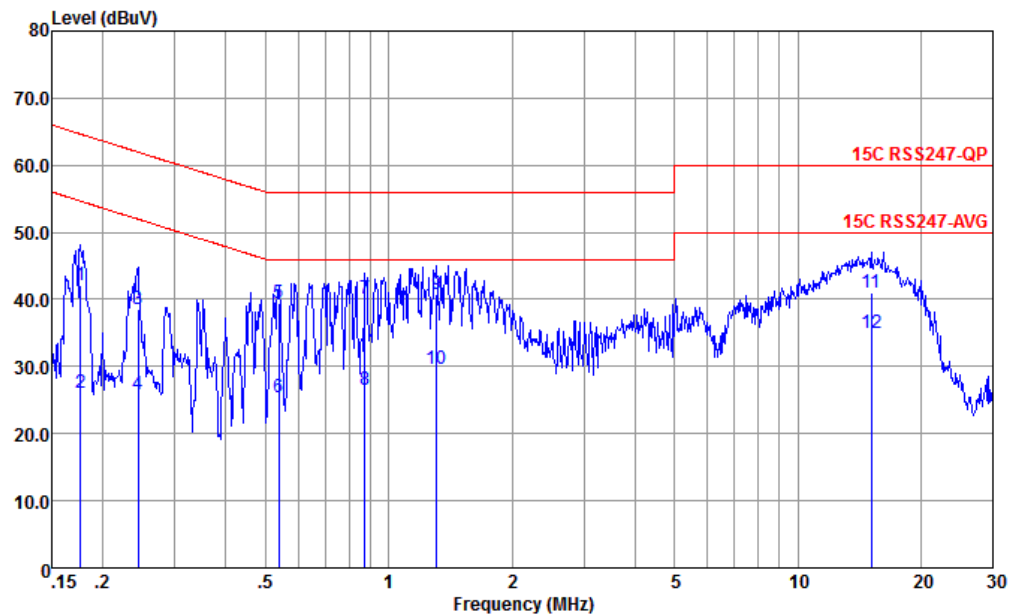






Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

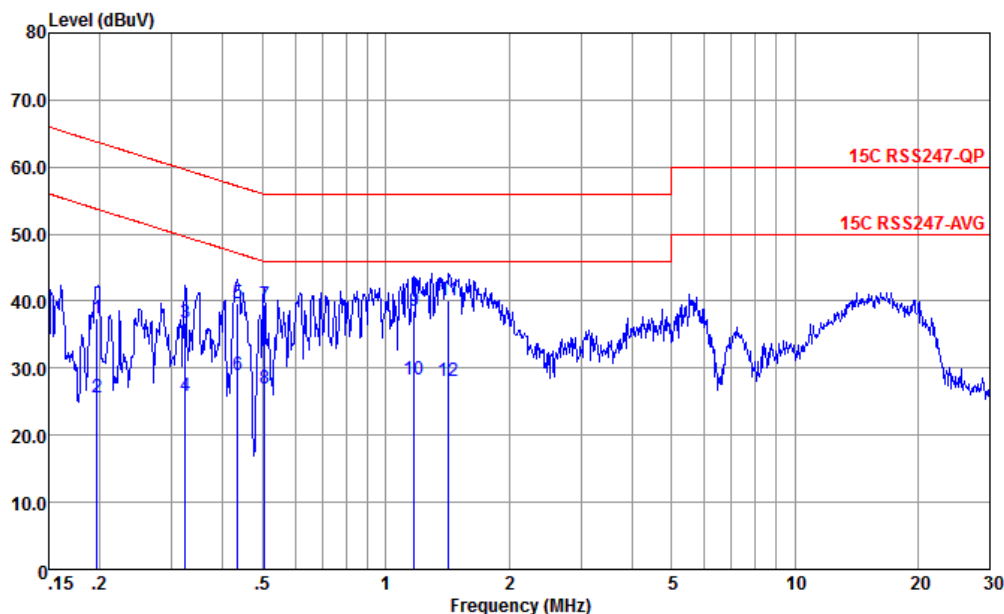


Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-L 2024 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.177	42.01	-22.63	64.64	31.50	0.10	10.41	QP
2	0.177	26.01	-28.63	54.64	15.50	0.10	10.41	Average
3	0.244	38.66	-23.29	61.95	28.20	0.09	10.37	QP
4	0.244	25.76	-26.19	51.95	15.30	0.09	10.37	Average
5	0.538	39.38	-16.62	56.00	29.30	-0.12	10.20	QP
6	0.538	25.38	-20.62	46.00	15.30	-0.12	10.20	Average
7	0.876	40.03	-15.97	56.00	30.10	-0.17	10.10	QP
8	0.876	26.43	-19.57	46.00	16.50	-0.17	10.10	Average
9	1.310	40.69	-15.31	56.00	30.81	-0.20	10.08	QP
10	1.310	29.69	-16.31	46.00	19.81	-0.20	10.08	Average
11	15.146	40.93	-19.07	60.00	29.91	-0.19	11.21	QP
12 *	15.146	34.93	-15.07	50.00	23.91	-0.19	11.21	Average



Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.197	37.34	-26.42	63.76	26.80	0.13	10.41	QP
2	0.197	25.64	-28.12	53.76	15.10	0.13	10.41	Average
3	0.323	36.79	-22.83	59.62	26.59	-0.12	10.32	QP
4	0.323	25.79	-23.83	49.62	15.59	-0.12	10.32	Average
5	0.435	39.72	-17.43	57.15	29.60	-0.14	10.26	QP
6	0.435	29.02	-18.13	47.15	18.90	-0.14	10.26	Average
7	0.505	39.47	-16.53	56.00	29.40	-0.15	10.22	QP
8	0.505	26.87	-19.13	46.00	16.80	-0.15	10.22	Average
9	1.172	38.60	-17.40	56.00	28.69	-0.18	10.09	QP
10	1.172	28.20	-17.80	46.00	18.29	-0.18	10.09	Average
11 *	1.426	40.10	-15.90	56.00	30.21	-0.19	10.08	QP
12	1.426	28.10	-17.90	46.00	18.21	-0.19	10.08	Average

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 :	Jake zhou	Relative Humidity :	52~56%
		Temperature :	22~25℃

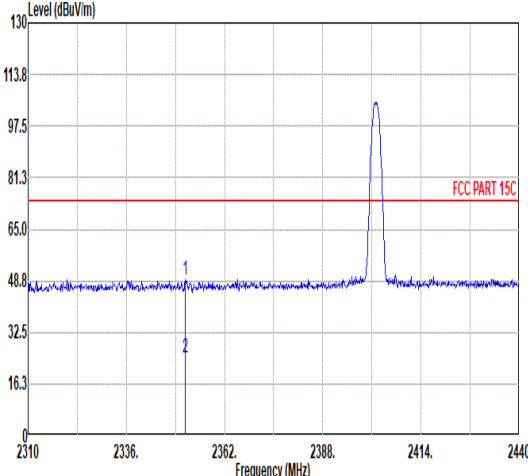
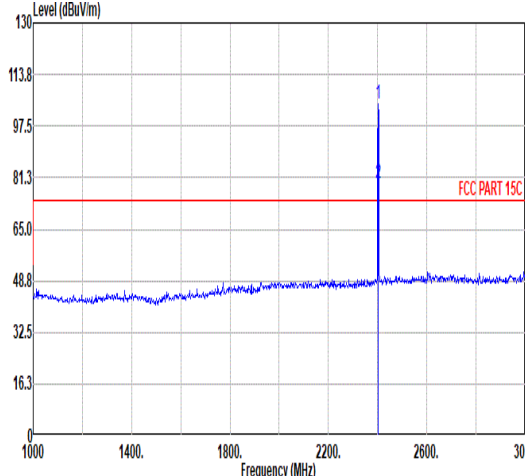
Radiated Spurious Emission Test Modes

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

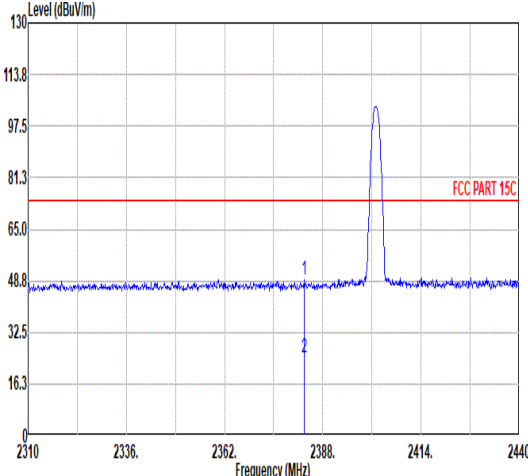
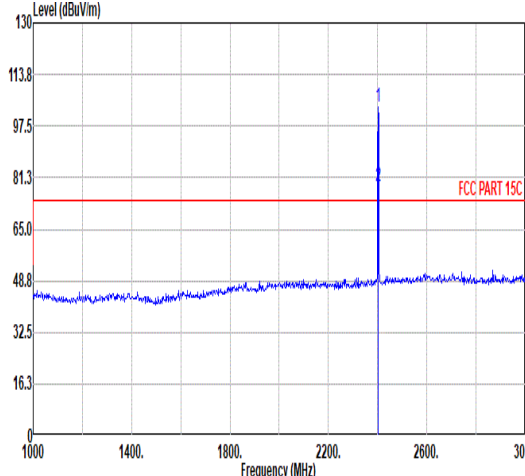
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2351.60	49.23	74.00	-24.77	H	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	50.01	74.00	-23.99	H	PEAK	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	4882.00	49.73	74.00	-24.27	H	PEAK	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2489.26	51.51	74.00	-22.49	V	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	4960.00	50.23	74.00	-23.77	H	PEAK	Pass	Harmonic

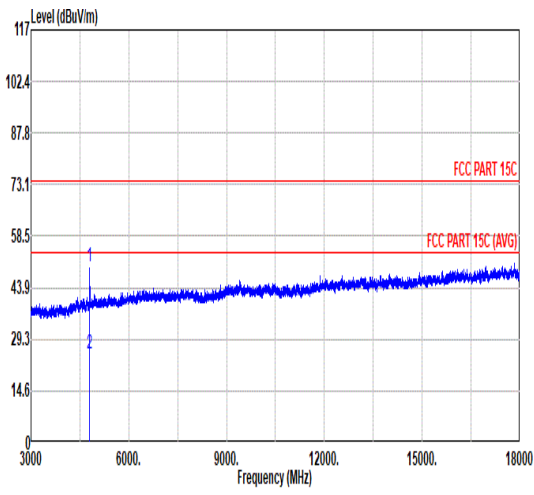
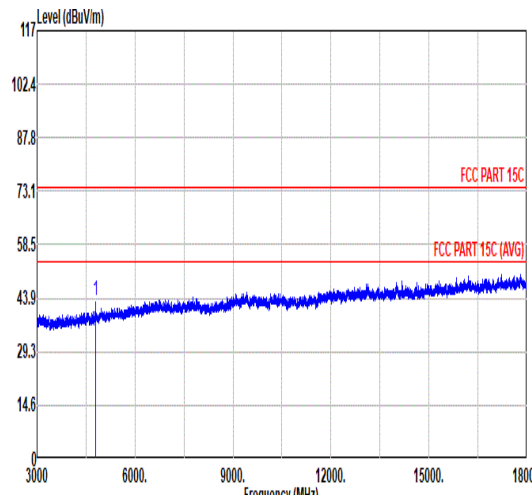


Mode	1																																																																					
	Band Edge																																																																					
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																					
ANT	6																																																																					
Pol.	Horizontal																																																																					
Peak																																																																						
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			Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																										
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2	2351.60	24.41	54.00	-29.59	16.62	31.56	7.10	36.87	6.00	304	298 AVERAGE																																																											
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			Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																										
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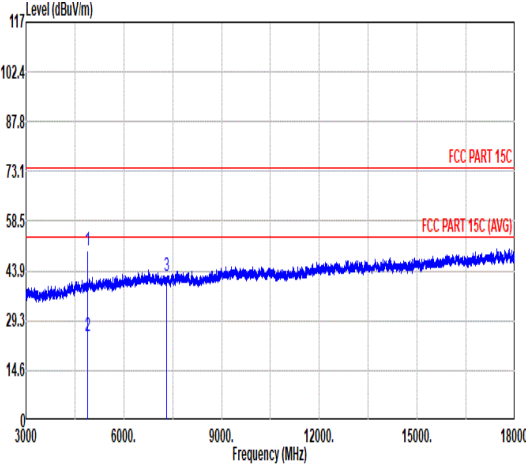
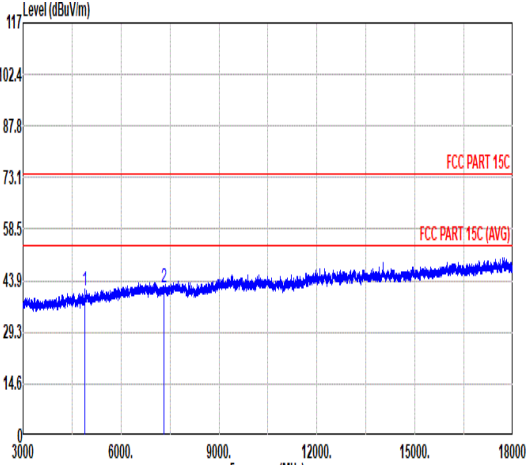


Mode	1																																																																					
	Band Edge																																																																					
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																					
ANT	6																																																																					
Pol.	Vertical																																																																					
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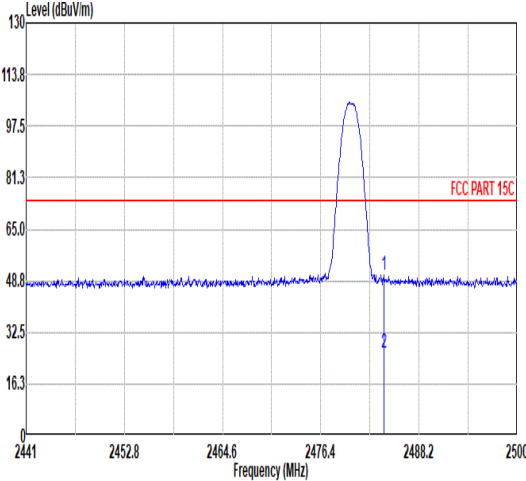
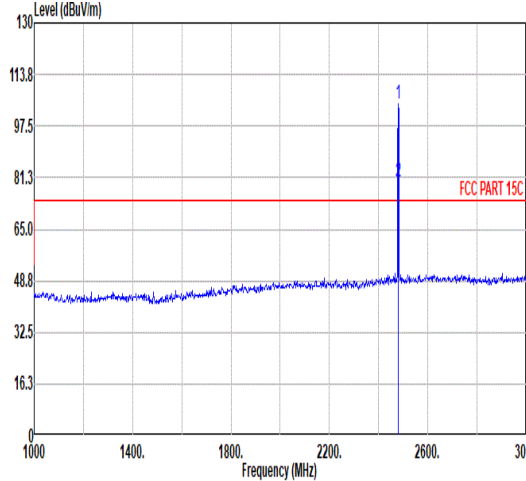


Mode	1																																																																																																																	
	Harmonic																																																																																																																	
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																																																																	
ANT	6																																																																																																																	
Pol.	Horizontal						Vertical																																																																																																											
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		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																									
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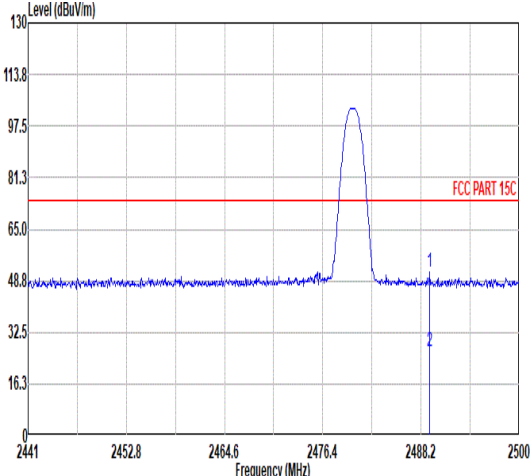
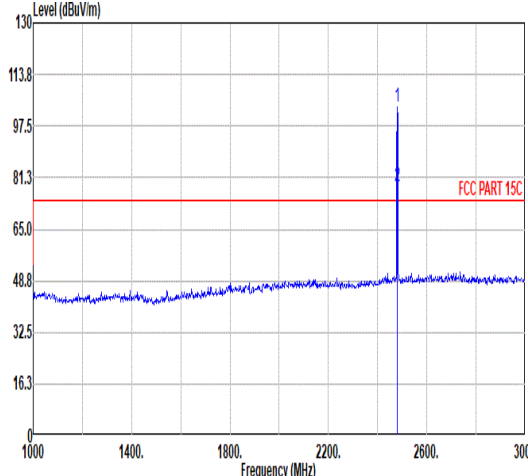


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1	2480.00	104.71	-----	-----	96.02	32.22	7.32	36.85	6.00	163	31 PEAK																																																							
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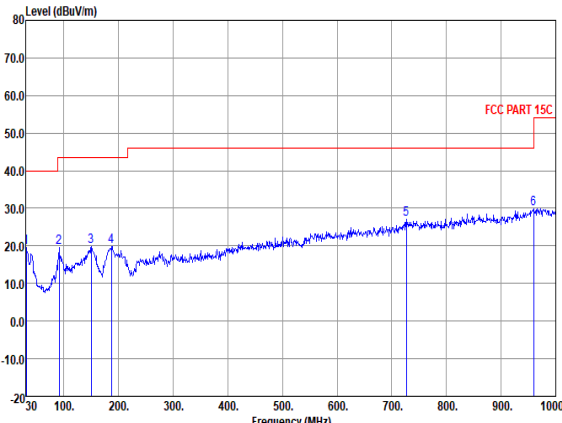
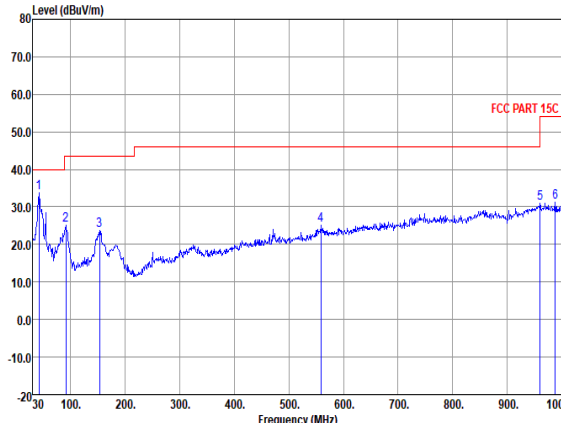


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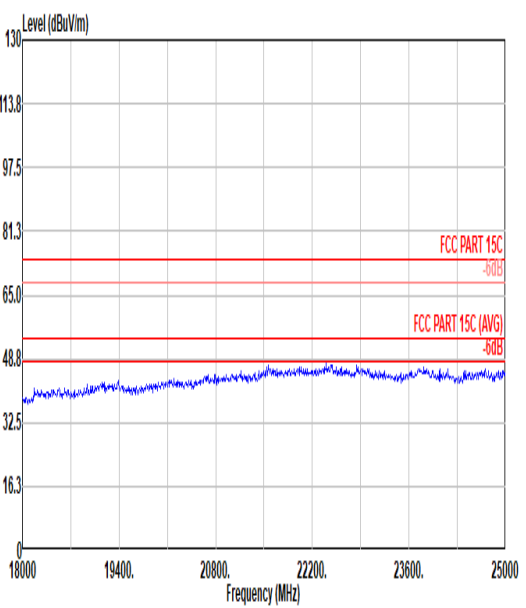
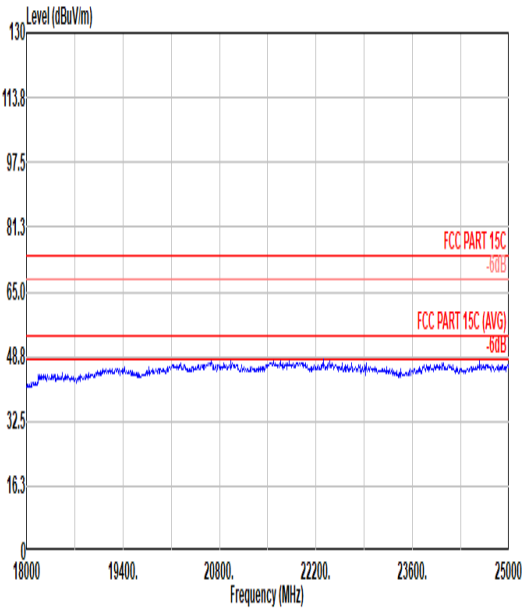


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1	4960.00	50.23	74.00	-23.77	69.31	33.96	10.44	63.48	0.00	101	241	PEAK																																																																																																																															
2	4960.00	25.41	54.00	-28.59	44.49	33.96	10.44	63.48	0.00	101	241	AVERAGE																																																																																																																															
3	7440.00	41.64	74.00	-32.36	56.82	35.64	12.93	63.75	0.00	--	--	PEAK																																																																																																																															
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																																			
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor			Remark																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																																																
1	4960.00	42.61	74.00	-31.39	61.69	33.96	10.44	63.48	0.00	--	--	PEAK																																																																																																																															
2	7440.00	41.44	74.00	-32.56	56.62	35.64	12.93	63.75	0.00	--	--	PEAK																																																																																																																															



Mode	3																																																																																																																																																																																																			
	LF																																																																																																																																																																																																			
	2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz																																																																																																																																																																																																			
ANT	1																																																																																																																																																																																																			
Pol.	Horizontal						Vertical																																																																																																																																																																																													
QP																																																																																																																																																																																																				
	<table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>30.97</td><td>19.52</td><td>-20.48</td><td>40.00</td><td>27.36</td><td>24.20</td><td>0.76</td><td>32.80</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>91.11</td><td>19.49</td><td>-24.01</td><td>43.50</td><td>36.08</td><td>14.75</td><td>1.35</td><td>32.69</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>150.28</td><td>19.71</td><td>-23.79</td><td>43.50</td><td>33.57</td><td>17.05</td><td>1.80</td><td>32.71</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>187.14</td><td>19.93</td><td>-23.57</td><td>43.50</td><td>36.02</td><td>14.65</td><td>2.01</td><td>32.75</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>726.46</td><td>27.14</td><td>-18.86</td><td>46.00</td><td>28.88</td><td>27.46</td><td>4.02</td><td>33.22</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6 p</td><td>959.26</td><td>29.77</td><td>-16.23</td><td>46.00</td><td>25.75</td><td>30.99</td><td>4.60</td><td>31.57</td><td>---</td><td>---</td><td>Peak</td></tr></table>						Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	30.97	19.52	-20.48	40.00	27.36	24.20	0.76	32.80	---	---	Peak	2	91.11	19.49	-24.01	43.50	36.08	14.75	1.35	32.69	---	---	Peak	3	150.28	19.71	-23.79	43.50	33.57	17.05	1.80	32.71	---	---	Peak	4	187.14	19.93	-23.57	43.50	36.02	14.65	2.01	32.75	---	---	Peak	5	726.46	27.14	-18.86	46.00	28.88	27.46	4.02	33.22	---	---	Peak	6 p	959.26	29.77	-16.23	46.00	25.75	30.99	4.60	31.57	---	---	Peak	<table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 p</td><td>41.64</td><td>33.68</td><td>-6.32</td><td>40.00</td><td>47.12</td><td>18.49</td><td>0.90</td><td>32.83</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>91.11</td><td>25.04</td><td>-18.46</td><td>43.50</td><td>41.63</td><td>14.75</td><td>1.35</td><td>32.69</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>153.19</td><td>23.61</td><td>-19.89</td><td>43.50</td><td>37.66</td><td>16.85</td><td>1.81</td><td>32.71</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>558.65</td><td>25.06</td><td>-20.94</td><td>46.00</td><td>28.94</td><td>26.09</td><td>3.27</td><td>33.24</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>960.23</td><td>31.01</td><td>-22.99</td><td>54.00</td><td>26.95</td><td>31.01</td><td>4.61</td><td>31.56</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>988.36</td><td>31.20</td><td>-22.80</td><td>54.00</td><td>27.14</td><td>30.65</td><td>4.66</td><td>31.25</td><td>---</td><td>---</td><td>Peak</td></tr></table>						Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 p	41.64	33.68	-6.32	40.00	47.12	18.49	0.90	32.83	---	---	Peak	2	91.11	25.04	-18.46	43.50	41.63	14.75	1.35	32.69	---	---	Peak	3	153.19	23.61	-19.89	43.50	37.66	16.85	1.81	32.71	---	---	Peak	4	558.65	25.06	-20.94	46.00	28.94	26.09	3.27	33.24	---	---	Peak	5	960.23	31.01	-22.99	54.00	26.95	31.01	4.61	31.56	---	---	Peak	6	988.36	31.20	-22.80	54.00	27.14	30.65	4.66	31.25	---	---	Peak
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																																																																																																																																																																										
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																										
	1	30.97	19.52	-20.48	40.00	27.36	24.20	0.76	32.80	---	---	Peak																																																																																																																																																																																								
	2	91.11	19.49	-24.01	43.50	36.08	14.75	1.35	32.69	---	---	Peak																																																																																																																																																																																								
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	4	187.14	19.93	-23.57	43.50	36.02	14.65	2.01	32.75	---	---	Peak																																																																																																																																																																																								
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6	988.36	31.20	-22.80	54.00	27.14	30.65	4.66	31.25	---	---	Peak																																																																																																																																																																																									



Mode	3	
	18G-25G	
	2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Horizontal polarization spectrum plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red line for FCC PART 15C limit at 81.3 dBuV/m, and a red line for FCC PART 15C (AVG) limit at 65.0 dBuV/m. The signal level is approximately 48.8 dBuV/m.	 Vertical polarization spectrum plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red line for FCC PART 15C limit at 81.3 dBuV/m, and a red line for FCC PART 15C (AVG) limit at 65.0 dBuV/m. The signal level is approximately 48.8 dBuV/m.