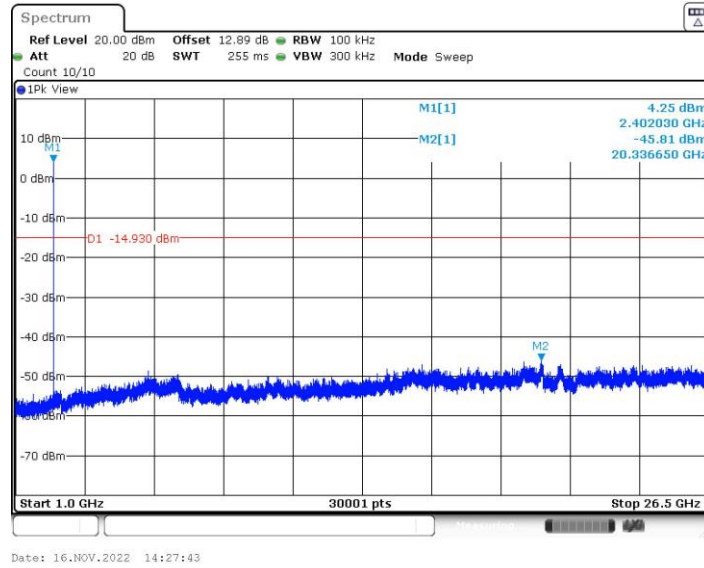




3DH1_2402_1000~26500

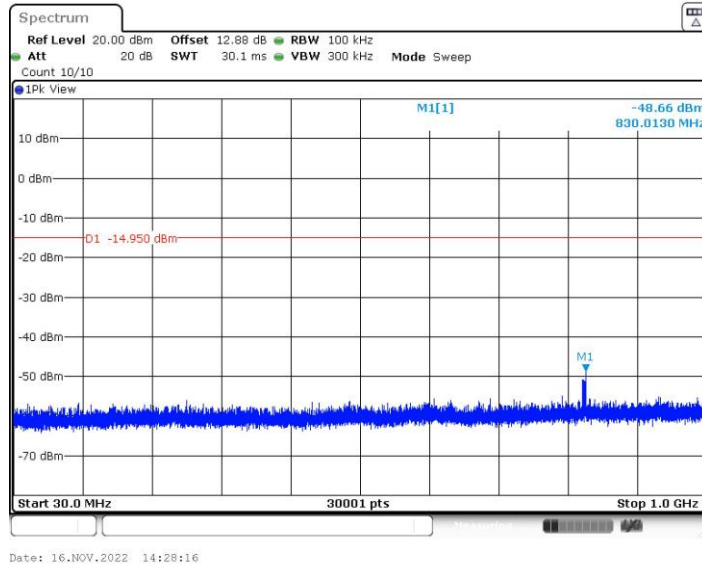


3DH1_2441_0~Reference

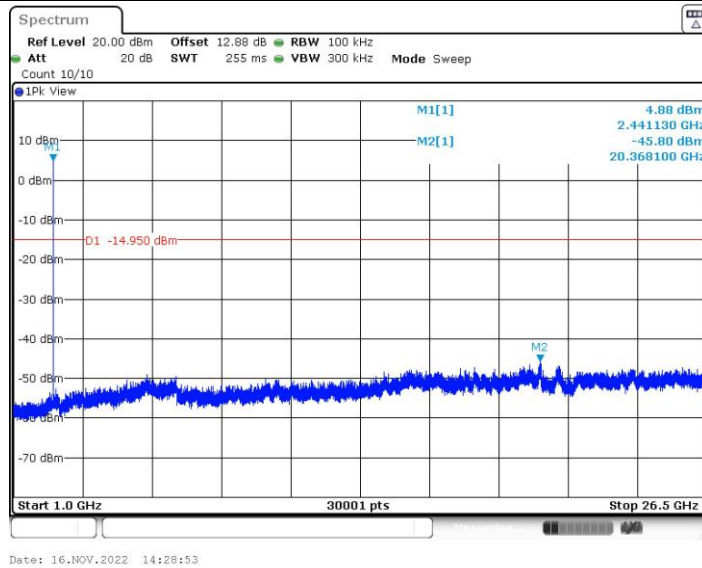




3DH1_2441_30~1000

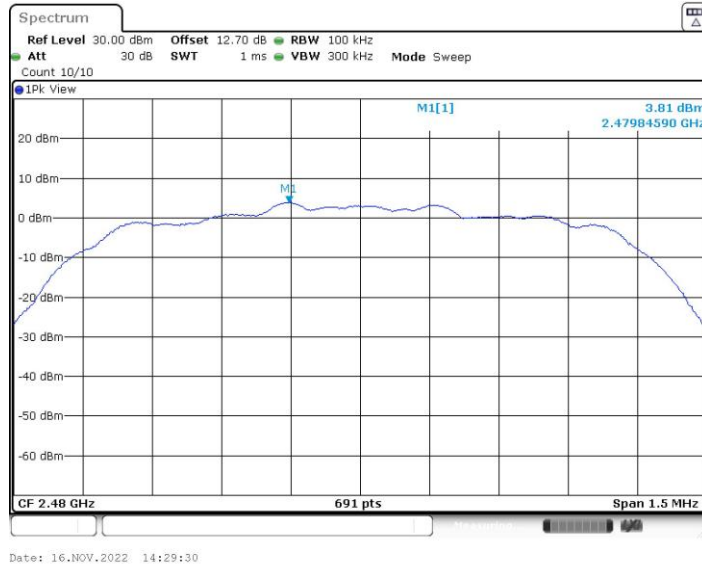


3DH1_2441_1000~26500

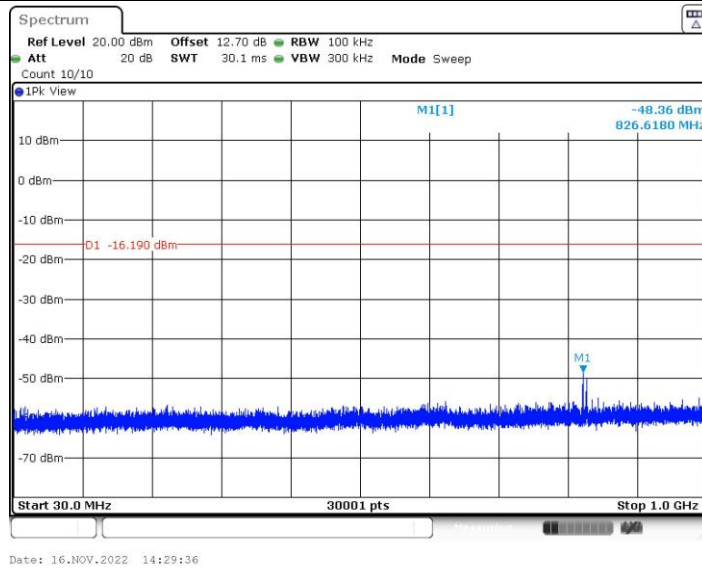


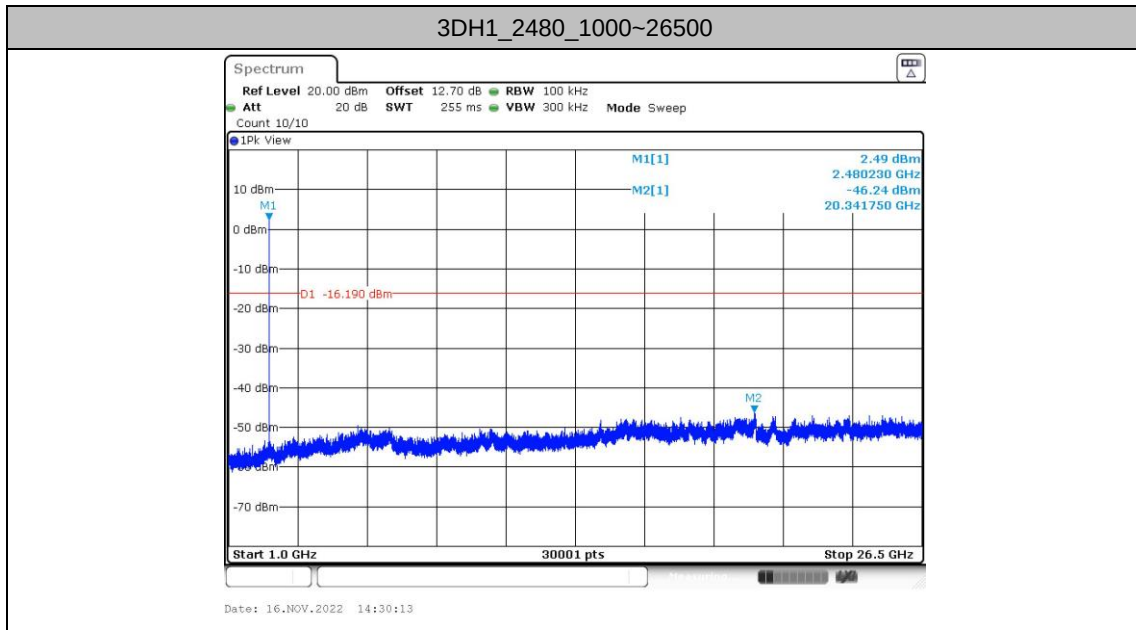


3DH1_2480_0~Reference



3DH1_2480_30~1000

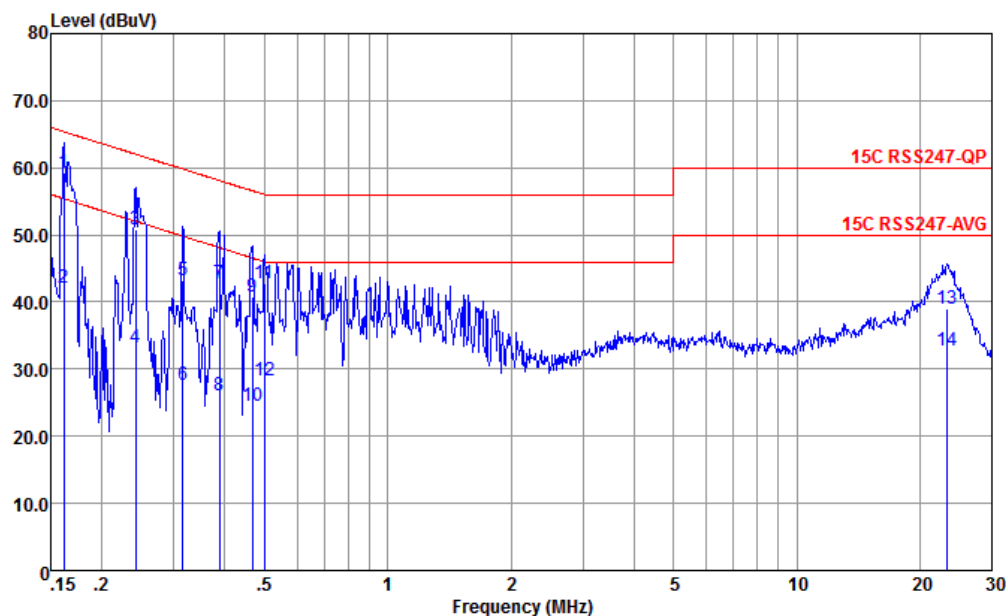






Appendix B. AC Conducted Emission Test Results

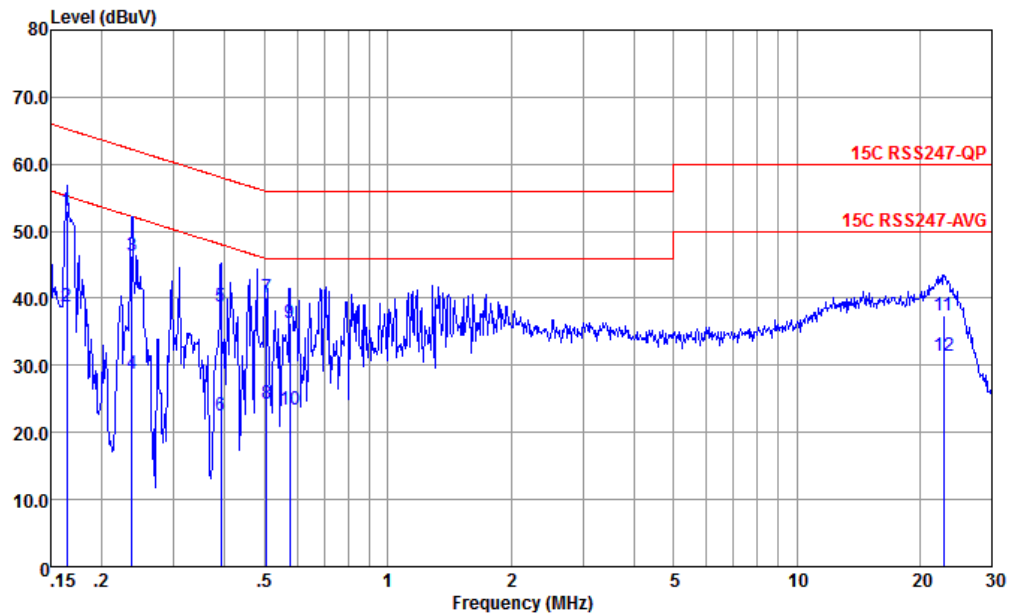
Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



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

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 *	0.162	59.31	-6.07	65.38	48.80	0.06	10.45	QP
2	0.162	42.11	-13.27	55.38	31.60	0.06	10.45	Average
3	0.242	50.88	-11.16	62.04	40.50	0.04	10.34	QP
4	0.242	33.28	-18.76	52.04	22.90	0.04	10.34	Average
5	0.315	43.15	-16.69	59.84	32.80	0.05	10.30	QP
6	0.315	27.55	-22.29	49.84	17.20	0.05	10.30	Average
7	0.387	42.78	-15.34	58.12	32.50	0.01	10.27	QP
8	0.387	26.08	-22.04	48.12	15.80	0.01	10.27	Average
9	0.466	40.73	-15.85	56.58	30.51	-0.02	10.24	QP
10	0.466	24.43	-22.15	46.58	14.21	-0.02	10.24	Average
11	0.499	42.70	-13.31	56.01	32.50	-0.03	10.23	QP
12	0.499	28.40	-17.61	46.01	18.20	-0.03	10.23	Average
13	23.263	39.01	-20.99	60.00	28.79	-0.33	10.55	QP
14	23.263	32.81	-17.19	50.00	22.59	-0.33	10.55	Average

Test Engineer :	Amos Zhang	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.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-NEUTRAL NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1 *	0.164	53.08	-12.17	65.25	42.60	0.04	10.44	QP
2	0.164	38.78	-16.47	55.25	28.30	0.04	10.44	Average
3	0.237	46.25	-15.97	62.22	35.90	0.01	10.34	QP
4	0.237	28.85	-23.37	52.22	18.50	0.01	10.34	Average
5	0.391	38.70	-19.33	58.03	28.50	-0.07	10.27	QP
6	0.391	22.40	-25.63	48.03	12.20	-0.07	10.27	Average
7	0.505	40.05	-15.95	56.00	29.89	-0.08	10.24	QP
8	0.505	24.35	-21.65	46.00	14.19	-0.08	10.24	Average
9	0.576	36.35	-19.65	56.00	26.19	-0.08	10.24	QP
10	0.576	23.45	-22.55	46.00	13.29	-0.08	10.24	Average
11	22.896	37.33	-22.67	60.00	27.10	-0.31	10.54	QP
12	22.896	31.43	-18.57	50.00	21.20	-0.31	10.54	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Carry Xu	Relative Humidity :	41 ~ 42 %
		Temperature :	22 ~ 23 °C

Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Modulation	Channel	Frequency	Data Rate
Mode 1	2400-2483.5	Bluetooth BR_GFSK	00	2402	1Mbps
Mode 2	2400-2483.5	Bluetooth BR_GFSK	39	2441	1Mbps
Mode 3	2400-2483.5	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	2356.28	56.29	74.00	-17.71	V	PEAK	Pass	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	46.92	74.00	-27.08	V	PEAK	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2484.37	57.30	74.00	-16.70	V	PEAK	Pass	Band Edge



Mode	1																																																																						
	Band Edge																																																																						
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																						
Pol.	Horizontal																																																																						
Peak	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3"></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="3">Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2364.08</td><td>55.81</td><td>74.00</td><td>-18.19</td><td>41.72</td><td>31.92</td><td>7.08</td><td>30.91</td><td>6.00</td><td>300</td><td>58 PEAK</td></tr><tr><td>2</td><td>2364.08</td><td>30.99</td><td>54.00</td><td>-23.01</td><td>16.90</td><td>31.92</td><td>7.08</td><td>30.91</td><td>6.00</td><td>300</td><td>58 AVERAGE</td></tr></table>												Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos				Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		1	2364.08	55.81	74.00	-18.19	41.72	31.92	7.08	30.91	6.00	300	58 PEAK	2	2364.08	30.99	54.00	-23.01	16.90	31.92	7.08	30.91	6.00	300	58 AVERAGE
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																														
	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																													
1	2364.08	55.81	74.00	-18.19	41.72	31.92	7.08	30.91	6.00	300	58 PEAK																																																												
2	2364.08	30.99	54.00	-23.01	16.90	31.92	7.08	30.91	6.00	300	58 AVERAGE																																																												
Peak	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3"></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="3">Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2402.00</td><td>106.01</td><td>-----</td><td>-----</td><td>91.75</td><td>32.00</td><td>7.13</td><td>30.87</td><td>6.00</td><td>300</td><td>58 PEAK</td></tr><tr><td>2</td><td>2402.00</td><td>81.19</td><td>-----</td><td>-----</td><td>66.93</td><td>32.00</td><td>7.13</td><td>30.87</td><td>6.00</td><td>300</td><td>58 AVERAGE</td></tr></table>												Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos				Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		1	2402.00	106.01	-----	-----	91.75	32.00	7.13	30.87	6.00	300	58 PEAK	2	2402.00	81.19	-----	-----	66.93	32.00	7.13	30.87	6.00	300	58 AVERAGE
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																														
	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																													
1	2402.00	106.01	-----	-----	91.75	32.00	7.13	30.87	6.00	300	58 PEAK																																																												
2	2402.00	81.19	-----	-----	66.93	32.00	7.13	30.87	6.00	300	58 AVERAGE																																																												



Mode	1																																																																	
	Band Edge																																																																	
	2400-2483.5 Bluetooth BR_GFSK_CH00_2402MHz																																																																	
Pol.	Vertical																																																																	
Peak																																																																		
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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>2356.28</td><td>56.29</td><td>74.00</td><td>-17.71</td><td>42.24</td><td>31.90</td><td>7.06</td><td>30.91</td><td>6.00</td><td>388</td><td>6 PEAK</td></tr><tr><td>2</td><td>2356.28</td><td>31.47</td><td>54.00</td><td>-22.53</td><td>17.42</td><td>31.90</td><td>7.06</td><td>30.91</td><td>6.00</td><td>388</td><td>6 AVERAGE</td></tr></table>												Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2356.28	56.29	74.00	-17.71	42.24	31.90	7.06	30.91	6.00	388	6 PEAK	2	2356.28	31.47	54.00	-22.53	17.42	31.90	7.06	30.91	6.00	388	6 AVERAGE
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																									
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																								
1	2356.28	56.29	74.00	-17.71	42.24	31.90	7.06	30.91	6.00	388	6 PEAK																																																							
2	2356.28	31.47	54.00	-22.53	17.42	31.90	7.06	30.91	6.00	388	6 AVERAGE																																																							
Fundamental																																																																		
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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>2402.00</td><td>115.59</td><td>-----</td><td>-----</td><td>101.33</td><td>32.00</td><td>7.13</td><td>30.87</td><td>6.00</td><td>388</td><td>6 PEAK</td></tr><tr><td>2</td><td>2402.00</td><td>90.77</td><td>-----</td><td>-----</td><td>76.51</td><td>32.00</td><td>7.13</td><td>30.87</td><td>6.00</td><td>388</td><td>6 AVERAGE</td></tr></table>												Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	115.59	-----	-----	101.33	32.00	7.13	30.87	6.00	388	6 PEAK	2	2402.00	90.77	-----	-----	76.51	32.00	7.13	30.87	6.00	388	6 AVERAGE
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																									
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																								
1	2402.00	115.59	-----	-----	101.33	32.00	7.13	30.87	6.00	388	6 PEAK																																																							
2	2402.00	90.77	-----	-----	76.51	32.00	7.13	30.87	6.00	388	6 AVERAGE																																																							



Mode	1																																																						
	Harmonic																																																						
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																						
Pol.	Horizontal						Vertical																																																
Peak	Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red limit line at 81.3 dBuV/m (FCC PART 15C), and a red average line at 65.0 dBuV/m (FCC PART 15C (AVG)). The signal level is approximately 42.79 dBuV/m at 4804.00 MHz.																																																						
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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>4804.00</td><td>42.79</td><td>74.00</td><td>-31.21</td><td>63.83</td><td>34.10</td><td>10.29</td><td>65.43</td><td>0.00</td><td>0</td><td>0 PEAK</td></tr></table>													Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	42.79	74.00	-31.21	63.83	34.10	10.29	65.43	0.00	0	0 PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																														
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																													
1	4804.00	42.79	74.00	-31.21	63.83	34.10	10.29	65.43	0.00	0	0 PEAK																																												
Vertical Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red limit line at 81.3 dBuV/m (FCC PART 15C), and a red average line at 65.0 dBuV/m (FCC PART 15C (AVG)). The signal level is approximately 43.43 dBuV/m at 4804.00 MHz.																																																							
<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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>4804.00</td><td>43.43</td><td>74.00</td><td>-30.57</td><td>64.47</td><td>34.10</td><td>10.29</td><td>65.43</td><td>0.00</td><td>0</td><td>0 PEAK</td></tr></table>													Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	43.43	74.00	-30.57	64.47	34.10	10.29	65.43	0.00	0	0 PEAK	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																															
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																													
1	4804.00	43.43	74.00	-30.57	64.47	34.10	10.29	65.43	0.00	0	0 PEAK																																												



Mode	2																																																																																																																									
	Harmonic																																																																																																																									
	2400-2483.5_Bluetooth BR_GFSK_CH39_2441MHz																																																																																																																									
Pol.	Horizontal						Vertical																																																																																																																			
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3

Mode

Band Edge

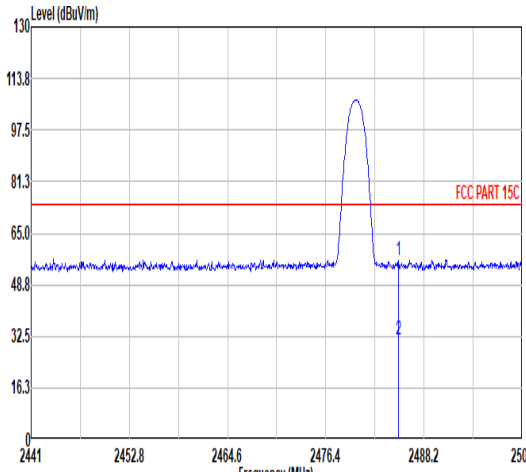
2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz

Pol.

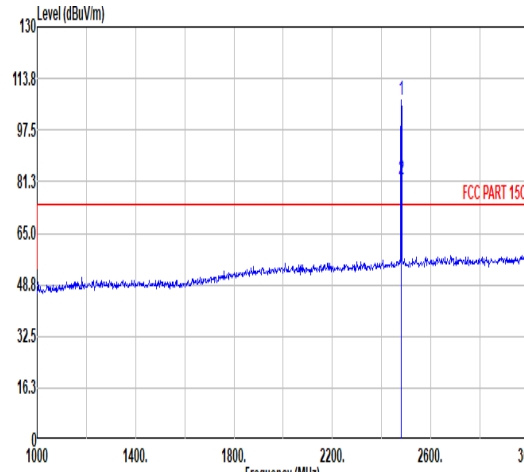
Horizontal

Fundamental

Peak

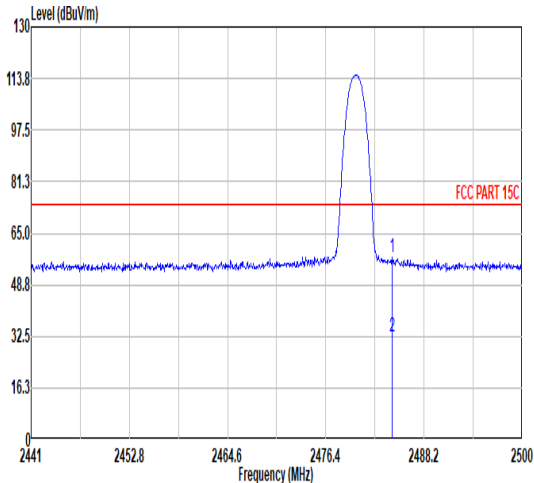
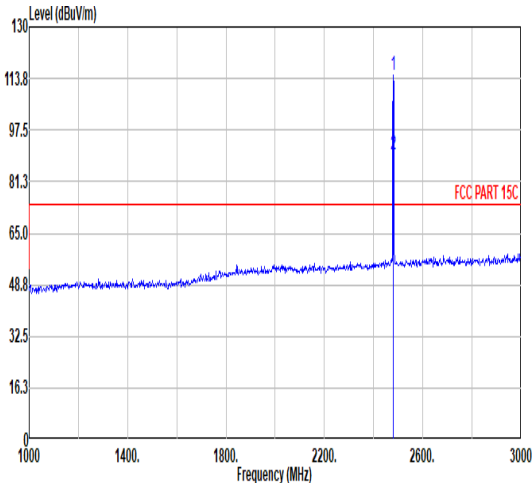


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Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	2485.13	56.40	74.00	-17.60	41.62	32.13	7.29	30.64	6.00	367	306 PEAK
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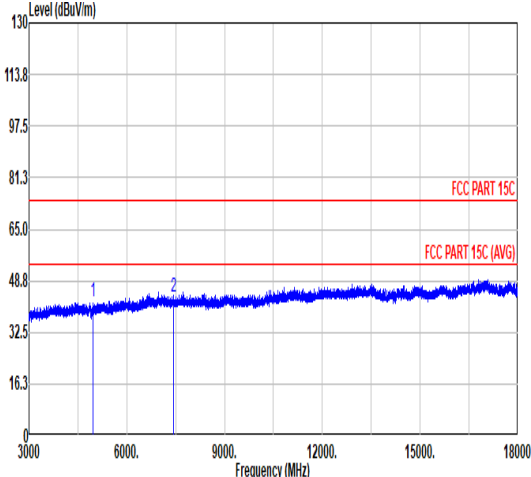
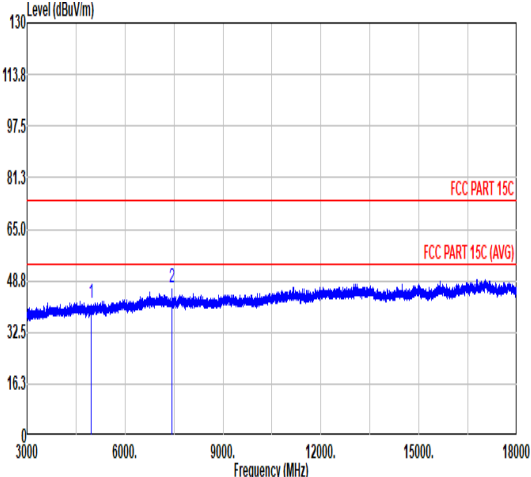
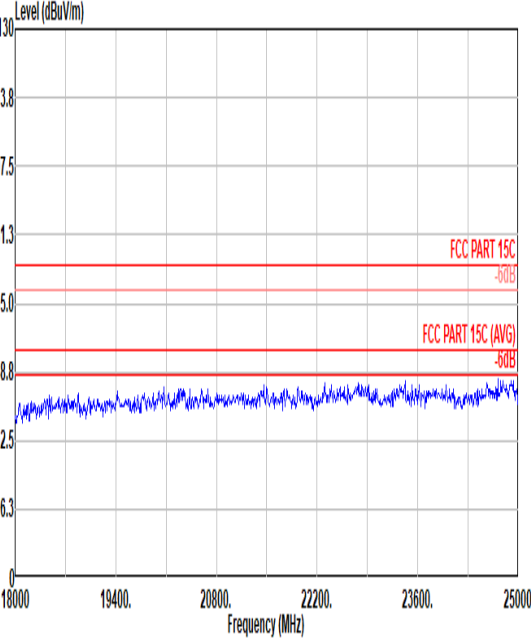
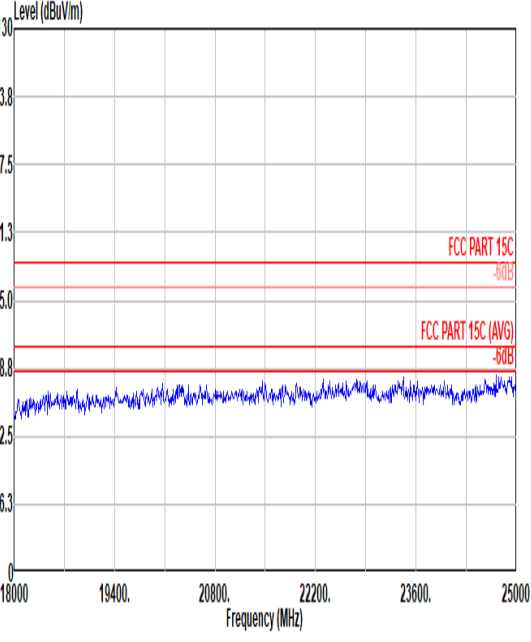


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Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		
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1	2480.00	106.90	-----	-----	92.16	32.12	7.28	30.66	6.00	367	306 PEAK
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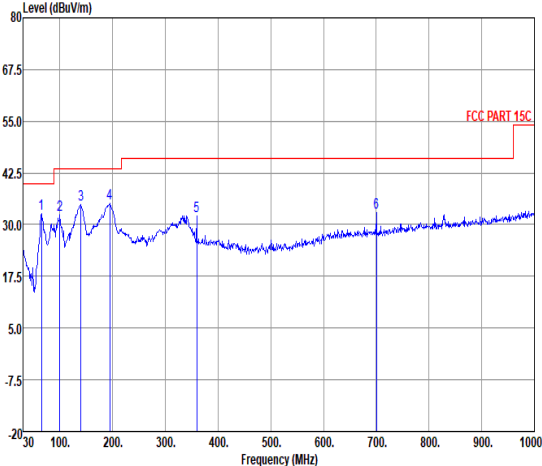
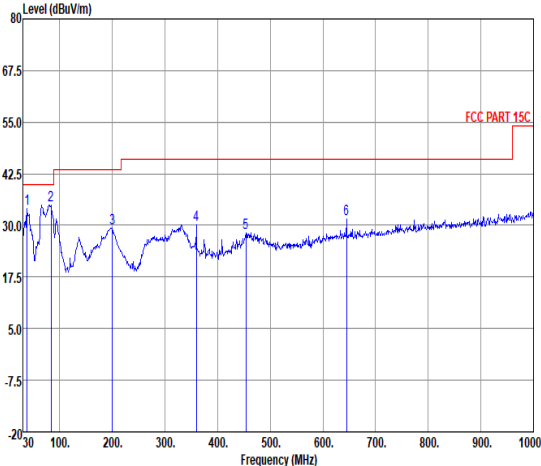


Mode	3																																																																																																															
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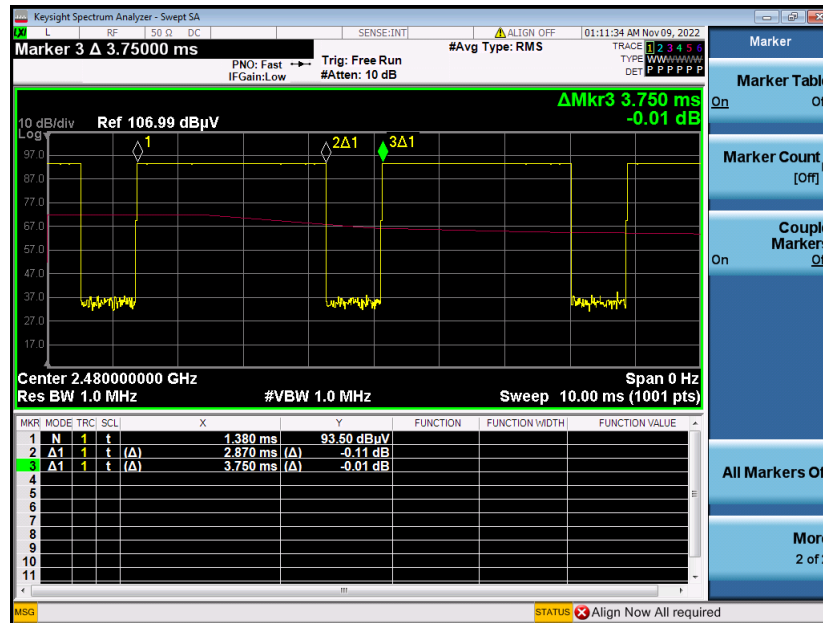
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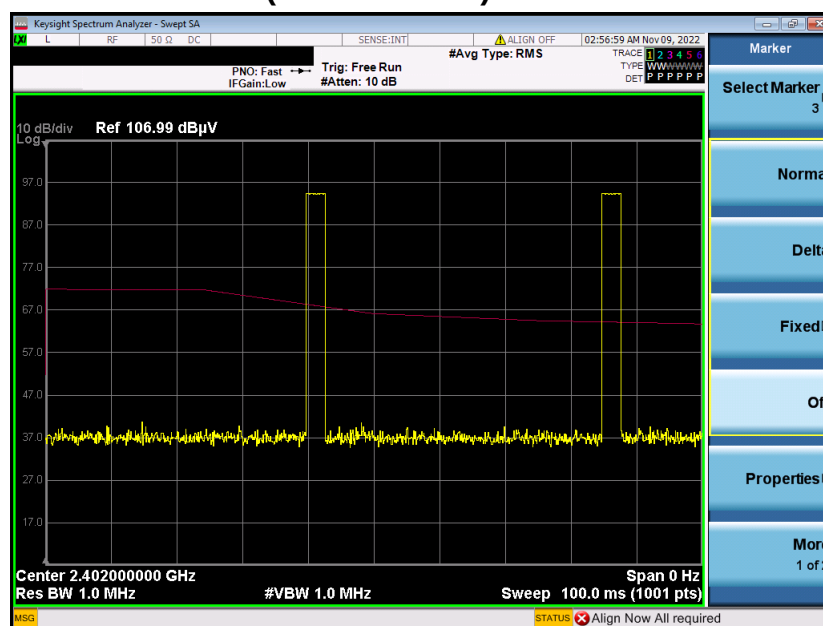
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Peak QP	<table><tr><th></th><th>Limit</th><th>Over</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th></th></tr><tr><td>1</td><td>64.92</td><td>32.62</td><td>40.00</td><td>-7.38</td><td>50.03</td><td>13.86</td><td>1.13 32.40 --- Peak</td></tr><tr><td>2</td><td>99.84</td><td>32.46</td><td>43.50</td><td>-11.04</td><td>47.35</td><td>16.04</td><td>1.47 32.40 --- Peak</td></tr><tr><td>3</td><td>139.61</td><td>34.74</td><td>43.50</td><td>-8.76</td><td>47.84</td><td>17.56</td><td>1.74 32.40 --- Peak</td></tr><tr><td>4</td><td>194.90</td><td>35.26</td><td>43.50</td><td>-8.24</td><td>50.58</td><td>15.02</td><td>2.06 32.40 --- Peak</td></tr><tr><td>5</td><td>359.80</td><td>32.00</td><td>46.00</td><td>-14.00</td><td>40.74</td><td>20.86</td><td>2.80 32.40 --- Peak</td></tr><tr><td>6</td><td>700.27</td><td>32.95</td><td>46.00</td><td>-13.05</td><td>34.68</td><td>26.72</td><td>3.95 32.40 --- Peak</td></tr></table>		Limit	Over	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Freq	Level	Line	Limit	Level Factor	Loss Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB		1	64.92	32.62	40.00	-7.38	50.03	13.86	1.13 32.40 --- Peak	2	99.84	32.46	43.50	-11.04	47.35	16.04	1.47 32.40 --- Peak	3	139.61	34.74	43.50	-8.76	47.84	17.56	1.74 32.40 --- Peak	4	194.90	35.26	43.50	-8.24	50.58	15.02	2.06 32.40 --- Peak	5	359.80	32.00	46.00	-14.00	40.74	20.86	2.80 32.40 --- Peak	6	700.27	32.95	46.00	-13.05	34.68	26.72	3.95 32.40 --- Peak	<table><tr><th></th><th>Limit</th><th>Over</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th></th></tr><tr><td>1</td><td>37.76</td><td>33.99</td><td>40.00</td><td>-6.01</td><td>44.66</td><td>20.91</td><td>0.82 32.40 --- Peak</td></tr><tr><td>2</td><td>83.35</td><td>34.85</td><td>40.00</td><td>-5.15</td><td>51.98</td><td>13.95</td><td>1.32 32.40 --- Peak</td></tr><tr><td>3</td><td>199.75</td><td>29.33</td><td>43.50</td><td>-14.17</td><td>44.64</td><td>15.00</td><td>2.09 32.40 --- Peak</td></tr><tr><td>4</td><td>359.80</td><td>30.15</td><td>46.00</td><td>-15.85</td><td>38.89</td><td>20.86</td><td>2.80 32.40 --- Peak</td></tr><tr><td>5</td><td>453.89</td><td>28.28</td><td>46.00</td><td>-17.72</td><td>34.50</td><td>23.04</td><td>3.14 32.40 --- Peak</td></tr><tr><td>6</td><td>644.98</td><td>31.58</td><td>46.00</td><td>-14.42</td><td>33.83</td><td>26.43</td><td>3.72 32.40 --- Peak</td></tr></table>		Limit	Over	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Freq	Level	Line	Limit	Level Factor	Loss Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB		1	37.76	33.99	40.00	-6.01	44.66	20.91	0.82 32.40 --- Peak	2	83.35	34.85	40.00	-5.15	51.98	13.95	1.32 32.40 --- Peak	3	199.75	29.33	43.50	-14.17	44.64	15.00	2.09 32.40 --- Peak	4	359.80	30.15	46.00	-15.85	38.89	20.86	2.80 32.40 --- Peak	5	453.89	28.28	46.00	-17.72	34.50	23.04	3.14 32.40 --- Peak	6	644.98	31.58	46.00	-14.42	33.83	26.43	3.72 32.40 --- Peak
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Appendix D. Duty Cycle Plots

3DH5 on time (One Pulse) Plot on Channel 39



3DH5 on time (Count Pulses) Plot on Channel 39



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 * 2.87 / 100 = 5.74 \%$
2. Worst case Duty cycle correction factor = $20 * \log(\text{Duty cycle}) = -24.82 \text{ dB}$
3. 3DH5 has the highest duty cycle worst case and is reported.