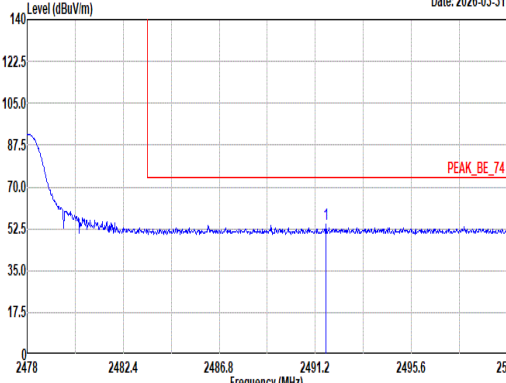
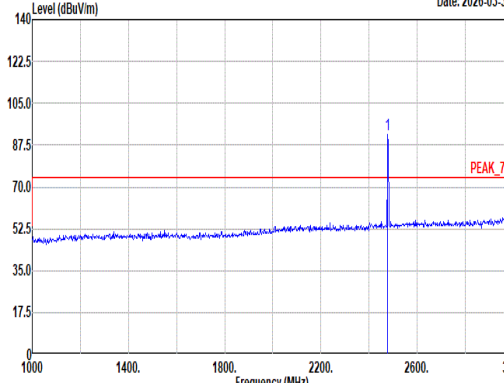
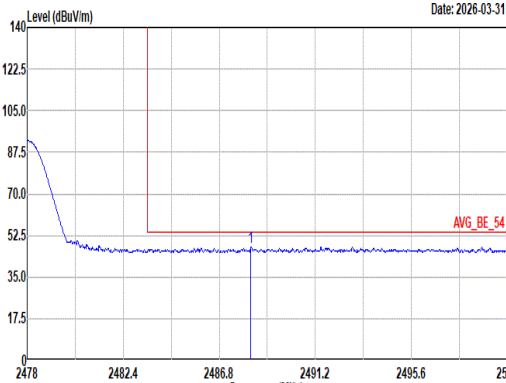
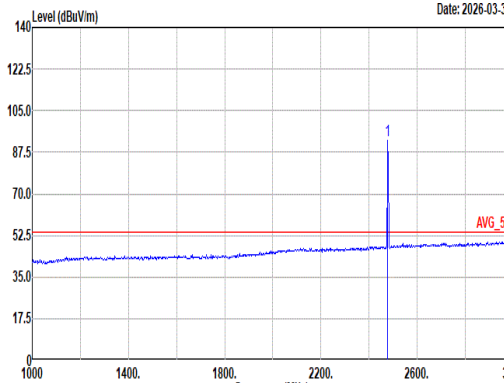




Mode	55																																																																																														
	Band Edge																																																																																														
	2400-2483.5 Bluetooth-LE_CS_CH76_2478MHz																																																																																														
ANT	7																																																																																														
Pol.	Vertical						Fundamental																																																																																								
Peak	Level (dBuV/m) Date: 2026-03-31  Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <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>2491.68</td><td>54.36</td><td>74.00</td><td>-19.64</td><td>42.65</td><td>27.80</td><td>6.79</td><td>33.00</td><td>10.12</td><td>119 Peak</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	2491.68	54.36	74.00	-19.64	42.65	27.80	6.79	33.00	10.12	119 Peak	Level (dBuV/m) Date: 2026-03-31  Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <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>2478.00</td><td>92.15</td><td>-----</td><td>-----</td><td>80.67</td><td>27.60</td><td>6.77</td><td>33.01</td><td>10.12</td><td>119 Peak</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	2478.00	92.15	-----	-----	80.67	27.60	6.77	33.01	10.12	119 Peak
		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	2491.68	54.36	74.00	-19.64	42.65	27.80	6.79	33.00	10.12	119 Peak																																																																																					
	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	2478.00	92.15	-----	-----	80.67	27.60	6.77	33.01	10.12	119 Peak																																																																																					
Avg	Level (dBuV/m) Date: 2026-03-31  Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:22.000kHz SMT:Auto <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>2488.25</td><td>47.57</td><td>54.00</td><td>-6.43</td><td>35.89</td><td>27.77</td><td>6.79</td><td>33.00</td><td>10.12</td><td>119 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	2488.25	47.57	54.00	-6.43	35.89	27.77	6.79	33.00	10.12	119 Average	Level (dBuV/m) Date: 2026-03-31  Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:22.000kHz SMT:Auto <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>2478.00</td><td>92.21</td><td>-----</td><td>-----</td><td>80.73</td><td>27.60</td><td>6.77</td><td>33.01</td><td>10.12</td><td>119 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	2478.00	92.21	-----	-----	80.73	27.60	6.77	33.01	10.12	119 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	2488.25	47.57	54.00	-6.43	35.89	27.77	6.79	33.00	10.12	119 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	2478.00	92.21	-----	-----	80.73	27.60	6.77	33.01	10.12	119 Average																																																																																					



Mode	55																																																																																																																									
	Harmonic																																																																																																																									
	2400-2483.5_Bluetooth-LE_CS_CH76_2478MHz																																																																																																																									
ANT	7																																																																																																																									
Pol.	Horizontal						Vertical																																																																																																																			
Peak Avg	Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 HORIZONTAL <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>4956.00</td><td>42.93</td><td>74.00</td><td>-31.07</td><td>65.06</td><td>32.92</td><td>11.04</td><td>67.05</td><td>0.96</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7434.00</td><td>43.53</td><td>74.00</td><td>-30.47</td><td>59.37</td><td>36.30</td><td>13.86</td><td>66.18</td><td>0.18</td><td>--</td><td>Peak</td></tr></table> Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 VERTICAL <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>4956.00</td><td>43.04</td><td>74.00</td><td>-30.96</td><td>65.17</td><td>32.92</td><td>11.04</td><td>67.05</td><td>0.96</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7434.00</td><td>43.25</td><td>74.00</td><td>-30.75</td><td>59.09</td><td>36.30</td><td>13.86</td><td>66.18</td><td>0.18</td><td>--</td><td>Peak</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	4956.00	42.93	74.00	-31.07	65.06	32.92	11.04	67.05	0.96	--	Peak	2	7434.00	43.53	74.00	-30.47	59.37	36.30	13.86	66.18	0.18	--	Peak		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	4956.00	43.04	74.00	-30.96	65.17	32.92	11.04	67.05	0.96	--	Peak	2	7434.00	43.25	74.00	-30.75	59.09	36.30	13.86	66.18	0.18	--	Peak
		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	4956.00	42.93	74.00	-31.07	65.06	32.92	11.04	67.05	0.96	--	Peak																																																																																																															
2	7434.00	43.53	74.00	-30.47	59.37	36.30	13.86	66.18	0.18	--	Peak																																																																																																															
	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	4956.00	43.04	74.00	-30.96	65.17	32.92	11.04	67.05	0.96	--	Peak																																																																																																															
2	7434.00	43.25	74.00	-30.75	59.09	36.30	13.86	66.18	0.18	--	Peak																																																																																																															



Mode	55	
	Harmonic	
	2400-2483.5 Bluetooth-LE_CS_CH76_2478MHz	
ANT	7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-03-31 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



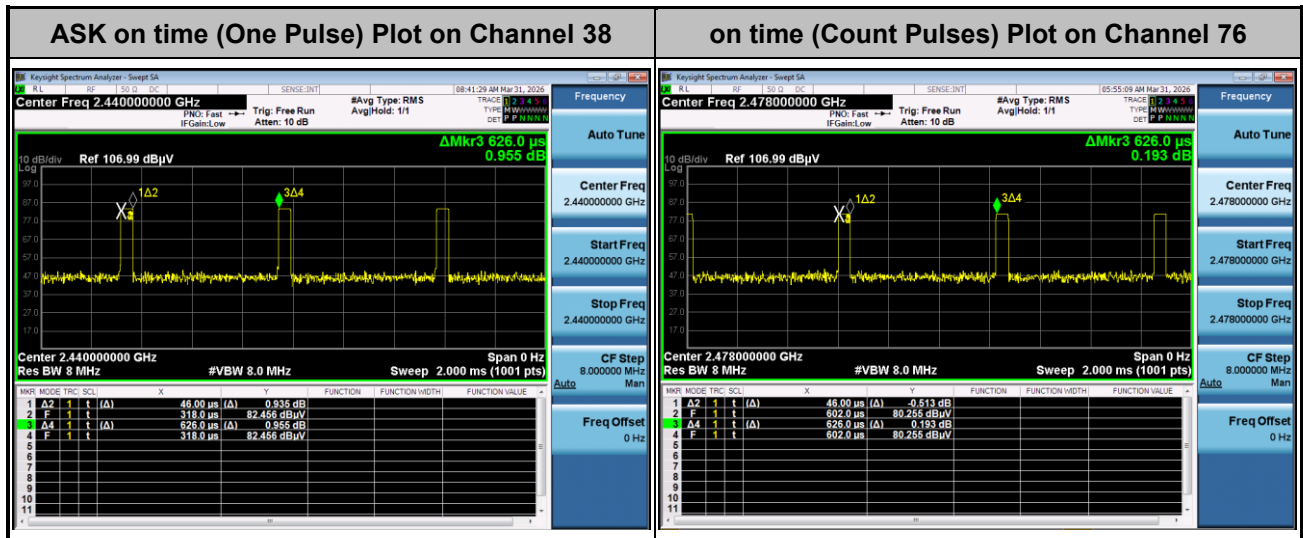
Mode	64																																																																																																																																																																																																																								
	LF																																																																																																																																																																																																																								
	2400-2483.5_Bluetooth-LE_CS_CH76_2478MHz																																																																																																																																																																																																																								
ANT	6																																																																																																																																																																																																																								
Pol.	Horizontal						Vertical																																																																																																																																																																																																																		
QP/ Peak	Level (dBuV/m) Date: 2026-04-02 Site : 03CH11-HY Condition: QP 3m Bilog_37059 & 01_251126 HORIZONTAL <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>Remark</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></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>30.97</td><td>27.88</td><td>40.00</td><td>-12.12</td><td>35.37</td><td>23.58</td><td>0.73</td><td>31.88</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>92.08</td><td>24.72</td><td>43.50</td><td>-18.78</td><td>40.31</td><td>15.21</td><td>1.25</td><td>32.08</td><td>0.03</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>256.98</td><td>23.51</td><td>46.00</td><td>-22.49</td><td>33.57</td><td>19.67</td><td>2.14</td><td>31.93</td><td>0.06</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>472.32</td><td>23.28</td><td>46.00</td><td>-22.72</td><td>28.70</td><td>23.56</td><td>2.94</td><td>32.00</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>752.65</td><td>28.84</td><td>46.00</td><td>-17.16</td><td>28.09</td><td>28.33</td><td>3.74</td><td>31.87</td><td>0.55</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>953.44</td><td>31.93</td><td>46.00</td><td>-14.07</td><td>26.91</td><td>31.14</td><td>4.15</td><td>30.68</td><td>0.41</td><td>--</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	30.97	27.88	40.00	-12.12	35.37	23.58	0.73	31.88	0.08	--	Peak	2	92.08	24.72	43.50	-18.78	40.31	15.21	1.25	32.08	0.03	--	Peak	3	256.98	23.51	46.00	-22.49	33.57	19.67	2.14	31.93	0.06	--	Peak	4	472.32	23.28	46.00	-22.72	28.70	23.56	2.94	32.00	0.08	--	Peak	5	752.65	28.84	46.00	-17.16	28.09	28.33	3.74	31.87	0.55	--	Peak	6	953.44	31.93	46.00	-14.07	26.91	31.14	4.15	30.68	0.41	--	Peak	Level (dBuV/m) Date: 2026-04-02 Site : 03CH11-HY Condition: QP 3m Bilog_37059 & 01_251126 VERTICAL <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>Remark</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></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>30.97</td><td>32.17</td><td>40.00</td><td>-7.83</td><td>39.66</td><td>23.58</td><td>0.73</td><td>31.88</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>89.17</td><td>27.50</td><td>43.50</td><td>-16.00</td><td>43.42</td><td>14.90</td><td>1.23</td><td>32.08</td><td>0.03</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>266.68</td><td>19.58</td><td>46.00</td><td>-26.42</td><td>29.54</td><td>19.72</td><td>2.18</td><td>31.93</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>480.08</td><td>23.47</td><td>46.00</td><td>-22.53</td><td>28.75</td><td>23.68</td><td>2.96</td><td>32.00</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>736.16</td><td>28.74</td><td>46.00</td><td>-17.26</td><td>28.32</td><td>28.03</td><td>3.70</td><td>31.90</td><td>0.59</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>904.94</td><td>33.29</td><td>46.00</td><td>-12.71</td><td>30.72</td><td>29.15</td><td>4.09</td><td>31.14</td><td>0.47</td><td>--</td><td>Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	30.97	32.17	40.00	-7.83	39.66	23.58	0.73	31.88	0.08	--	Peak	2	89.17	27.50	43.50	-16.00	43.42	14.90	1.23	32.08	0.03	--	Peak	3	266.68	19.58	46.00	-26.42	29.54	19.72	2.18	31.93	0.07	--	Peak	4	480.08	23.47	46.00	-22.53	28.75	23.68	2.96	32.00	0.08	--	Peak	5	736.16	28.74	46.00	-17.26	28.32	28.03	3.70	31.90	0.59	--	Peak	6	904.94	33.29	46.00	-12.71	30.72	29.15	4.09	31.14	0.47	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																															
	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																															
1	30.97	27.88	40.00	-12.12	35.37	23.58	0.73	31.88	0.08	--	Peak																																																																																																																																																																																																														
2	92.08	24.72	43.50	-18.78	40.31	15.21	1.25	32.08	0.03	--	Peak																																																																																																																																																																																																														
3	256.98	23.51	46.00	-22.49	33.57	19.67	2.14	31.93	0.06	--	Peak																																																																																																																																																																																																														
4	472.32	23.28	46.00	-22.72	28.70	23.56	2.94	32.00	0.08	--	Peak																																																																																																																																																																																																														
5	752.65	28.84	46.00	-17.16	28.09	28.33	3.74	31.87	0.55	--	Peak																																																																																																																																																																																																														
6	953.44	31.93	46.00	-14.07	26.91	31.14	4.15	30.68	0.41	--	Peak																																																																																																																																																																																																														
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																															
1	30.97	32.17	40.00	-7.83	39.66	23.58	0.73	31.88	0.08	--	Peak																																																																																																																																																																																																														
2	89.17	27.50	43.50	-16.00	43.42	14.90	1.23	32.08	0.03	--	Peak																																																																																																																																																																																																														
3	266.68	19.58	46.00	-26.42	29.54	19.72	2.18	31.93	0.07	--	Peak																																																																																																																																																																																																														
4	480.08	23.47	46.00	-22.53	28.75	23.68	2.96	32.00	0.08	--	Peak																																																																																																																																																																																																														
5	736.16	28.74	46.00	-17.26	28.32	28.03	3.70	31.90	0.59	--	Peak																																																																																																																																																																																																														
6	904.94	33.29	46.00	-12.71	30.72	29.15	4.09	31.14	0.47	--	Peak																																																																																																																																																																																																														



Mode	65																																																																																																																	
	SHF																																																																																																																	
	2400-2483.5_Bluetooth-LE_CS_CH76_2478MHz																																																																																																																	
ANT	6																																																																																																																	
Pol.	Horizontal						Vertical																																																																																																											
Peak	Level (dBuV/m) Date: 2026-04-02 Site : 03CH11-HY Condition: PEAK_74 1m SHF_1225_250702 HORIZONTAL <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</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>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>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 18275.27</td><td>41.56</td><td>74.00</td><td>-32.44</td><td>54.96</td><td>38.15</td><td>22.52</td><td>64.53</td><td>-9.54</td><td>--</td><td>--</td><td>--</td><td>PEAK</td></tr></table>								Limit		Read		Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg		1 18275.27	41.56	74.00	-32.44	54.96	38.15	22.52	64.53	-9.54	--	--	--	PEAK	Level (dBuV/m) Date: 2026-04-02 Site : 03CH11-HY Condition: PEAK_74 1m SHF_1225_250702 VERTICAL <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</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>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>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 24264.50</td><td>43.04</td><td>74.00</td><td>-30.96</td><td>49.66</td><td>39.23</td><td>25.55</td><td>61.86</td><td>-9.54</td><td>--</td><td>--</td><td>--</td><td>PEAK</td></tr></table>								Limit		Read		Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg		1 24264.50	43.04	74.00	-30.96	49.66	39.23	25.55	61.86	-9.54	--	--	--	PEAK
			Limit		Read		Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																					
	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Factor																																																																																																								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																							
1 18275.27	41.56	74.00	-32.44	54.96	38.15	22.52	64.53	-9.54	--	--	--	PEAK																																																																																																						
		Limit		Read		Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																						
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Factor																																																																																																									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																							
1 24264.50	43.04	74.00	-30.96	49.66	39.23	25.55	61.86	-9.54	--	--	--	PEAK																																																																																																						



Appendix D. Duty Cycle Plots



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 * 7.35 / 100 = 14.7 \%$
2. Worst case Duty cycle correction factor = $20 * \log(\text{Duty cycle}) = 11.34 \text{ dB}$
3. ASK has the highest duty cycle worst case and is reported.

Duty Cycle Correction Factor Consideration for AFH mode:

Bluetooth normal hopping rate is 1600Hz and reduced to 800Hz in AFH mode; due to the reduced number of hopping frequencies, with the same packet configuration the dwell time in each channel frequency within 100msec period is longer in AFH mode than normal mode.

In AFH mode, the minimum hopping frequencies are 20, to get the longest dwell time ASK packet is observed; the on time period to have ASK packet completing one hopping sequence is

$$7.35 \text{ ms} \times 20 \text{ channels} = 147 \text{ ms}$$

There cannot be 2 complete hopping sequences within 100ms period, considering the random hopping behavior, maximum 2 hops can be possibly observed within the period. $[100 \text{ ms} / 147 \text{ ms}] = 2 \text{ hops}$

Thus, the maximum possible ON time:

$$7.35 \text{ ms} \times 2 = 14.7 \text{ ms}$$

Worst case Duty Cycle Correction factor, which is derived from the maximum possible ON time,

$$20 \times \log(14.7 \text{ ms}/100 \text{ ms}) = 11.34 \text{ dB}$$