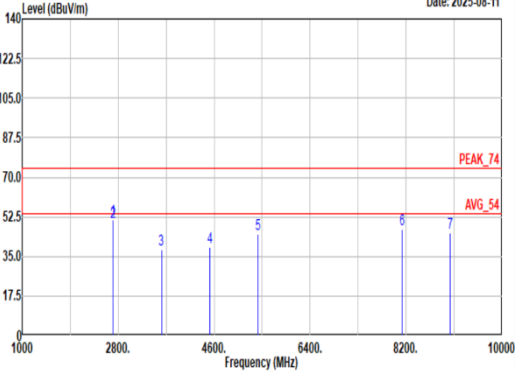
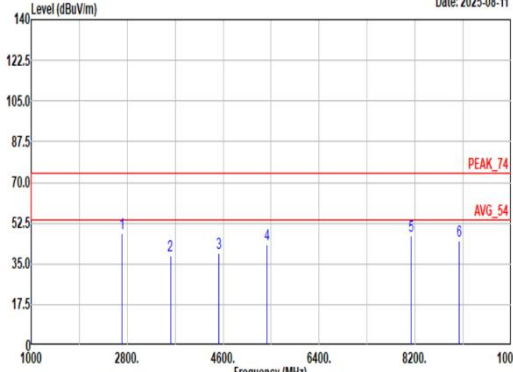




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QP/ Peak	Level (dBuV/m) Date: 2025-08-13 Site : 03CH13-HY Condition: QP 3m BILOG_40103 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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>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>cm deg</th></tr><tr><td>1</td><td>31.94</td><td>32.61</td><td>40.00</td><td>-7.39</td><td>30.40</td><td>23.51</td><td>0.79</td><td>32.00</td><td>0.06 -- -- Peak</td></tr><tr><td>2</td><td>178.41</td><td>31.93</td><td>43.50</td><td>-11.57</td><td>36.78</td><td>15.26</td><td>1.77</td><td>31.85</td><td>0.11 -- -- Peak</td></tr><tr><td>3</td><td>221.09</td><td>26.46</td><td>46.00</td><td>-19.54</td><td>30.88</td><td>15.46</td><td>1.95</td><td>31.78</td><td>0.09 -- -- Peak</td></tr><tr><td>4</td><td>399.57</td><td>33.66</td><td>46.00</td><td>-12.34</td><td>30.88</td><td>21.85</td><td>2.64</td><td>31.67</td><td>0.08 -- -- Peak</td></tr><tr><td>5</td><td>569.32</td><td>38.71</td><td>46.00</td><td>-7.29</td><td>31.06</td><td>26.20</td><td>3.16</td><td>31.74</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>927.60</td><td>116.03</td><td>-----</td><td>-----</td><td>103.05</td><td>29.68</td><td>4.03</td><td>30.86</td><td>0.20 100 157 Peak</td></tr><tr><td>7</td><td>964.11</td><td>45.55</td><td>54.00</td><td>-8.45</td><td>30.72</td><td>31.14</td><td>4.09</td><td>30.53</td><td>0.21 -- -- 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	dB	cm deg	1	31.94	32.61	40.00	-7.39	30.40	23.51	0.79	32.00	0.06 -- -- Peak	2	178.41	31.93	43.50	-11.57	36.78	15.26	1.77	31.85	0.11 -- -- Peak	3	221.09	26.46	46.00	-19.54	30.88	15.46	1.95	31.78	0.09 -- -- Peak	4	399.57	33.66	46.00	-12.34	30.88	21.85	2.64	31.67	0.08 -- -- Peak	5	569.32	38.71	46.00	-7.29	31.06	26.20	3.16	31.74	0.13 -- -- Peak	6	927.60	116.03	-----	-----	103.05	29.68	4.03	30.86	0.20 100 157 Peak	7	964.11	45.55	54.00	-8.45	30.72	31.14	4.09	30.53	0.21 -- -- Peak	Level (dBuV/m) Date: 2025-08-13 Site : 03CH13-HY Condition: QP 3m BILOG_40103 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>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>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>33.55</td><td>40.00</td><td>-6.45</td><td>30.69</td><td>24.18</td><td>0.78</td><td>32.00</td><td>0.05 -- -- Peak</td></tr><tr><td>2</td><td>148.34</td><td>32.00</td><td>43.50</td><td>-11.50</td><td>35.03</td><td>17.34</td><td>1.62</td><td>31.92</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>224.00</td><td>26.24</td><td>46.00</td><td>-19.76</td><td>30.36</td><td>15.73</td><td>1.97</td><td>31.77</td><td>0.09 -- -- Peak</td></tr><tr><td>4</td><td>413.15</td><td>33.77</td><td>46.00</td><td>-12.23</td><td>30.68</td><td>22.20</td><td>2.68</td><td>31.68</td><td>0.09 -- -- Peak</td></tr><tr><td>5</td><td>555.74</td><td>38.89</td><td>46.00</td><td>-7.11</td><td>31.26</td><td>26.19</td><td>3.12</td><td>31.71</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>927.60</td><td>122.52</td><td>-----</td><td>-----</td><td>109.54</td><td>29.68</td><td>4.03</td><td>30.86</td><td>0.20 100 148 Peak</td></tr><tr><td>7</td><td>965.08</td><td>47.42</td><td>54.00</td><td>-6.58</td><td>32.62</td><td>31.09</td><td>4.10</td><td>30.52</td><td>0.21 -- -- 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	dB	cm deg	1	30.97	33.55	40.00	-6.45	30.69	24.18	0.78	32.00	0.05 -- -- Peak	2	148.34	32.00	43.50	-11.50	35.03	17.34	1.62	31.92	0.08 -- -- Peak	3	224.00	26.24	46.00	-19.76	30.36	15.73	1.97	31.77	0.09 -- -- Peak	4	413.15	33.77	46.00	-12.23	30.68	22.20	2.68	31.68	0.09 -- -- Peak	5	555.74	38.89	46.00	-7.11	31.26	26.19	3.12	31.71	0.13 -- -- Peak	6	927.60	122.52	-----	-----	109.54	29.68	4.03	30.86	0.20 100 148 Peak	7	965.08	47.42	54.00	-6.58	32.62	31.09	4.10	30.52	0.21 -- -- Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																								
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Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



Mode	31												
	Harmonic												
	902-928_ Lora FSK 250KHz_CH00_902.5MHz												
ANT	0												
Pol.	Horizontal					Vertical							
Peak Avg													
	Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 HORIZONTAL					Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 VERTICAL							
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	dB	cm	deg
1	2707.50	51.15	74.00	-22.85	73.07	28.20	7.27	57.57	0.18	106	129	Peak	
2	2707.50	50.00	54.00	-4.00	71.92	28.20	7.27	57.57	0.18	106	129	Average	
3	3610.00	38.00	74.00	-36.00	58.15	29.66	8.42	58.65	0.42	--	--	Peak	
4	4512.50	39.00	74.00	-35.00	56.72	31.80	9.41	59.07	0.14	--	--	Peak	
5	5415.00	45.04	74.00	-28.96	58.43	33.10	10.42	56.95	0.04	--	--	Peak	
6	8122.50	47.04	74.00	-26.96	54.20	37.06	12.89	57.25	0.14	--	--	Peak	
7	9025.00	45.69	74.00	-28.31	50.80	38.00	13.61	56.73	0.01	--	--	Peak	
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	dB	cm	deg
1	2707.50	47.85	74.00	-26.15	69.77	28.20	7.27	57.57	0.18	--	--	Peak	
2	3610.00	38.69	74.00	-35.31	58.84	29.66	8.42	58.65	0.42	--	--	Peak	
3	4512.50	39.39	74.00	-34.61	57.11	31.80	9.41	59.07	0.14	--	--	Peak	
4	5415.00	43.33	74.00	-30.67	56.72	33.10	10.42	56.95	0.04	--	--	Peak	
5	8122.50	46.87	74.00	-27.13	54.03	37.06	12.89	57.25	0.14	--	--	Peak	
6	9025.00	45.08	74.00	-28.92	50.19	38.00	13.61	56.73	0.01	--	--	Peak	



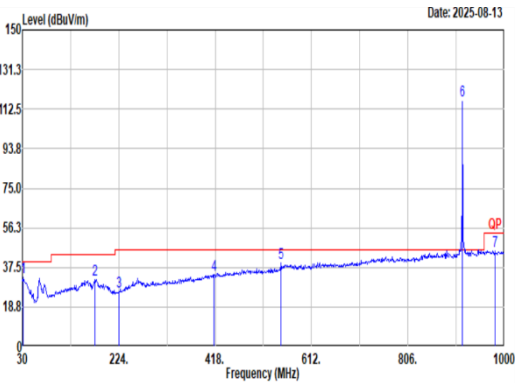
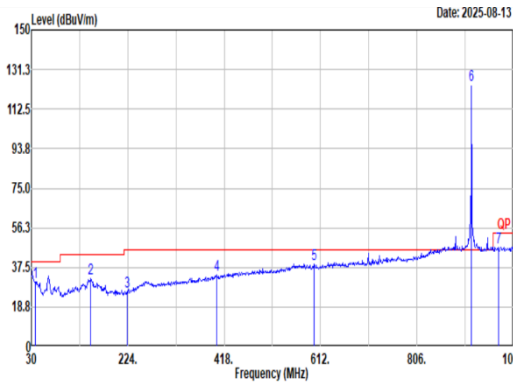
Mode	31																																																																																																																																																																																																																	
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		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																								
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2	179.38	31.51	43.50	-11.99	36.41	15.20	1.78	31.85	0.11 -- -- Peak																																																																																																																																																																																																									
3	221.09	27.15	46.00	-18.85	31.57	15.46	1.95	31.78	0.09 -- -- Peak																																																																																																																																																																																																									
4	416.06	33.97	46.00	-12.03	30.73	22.27	2.69	31.69	0.09 -- -- Peak																																																																																																																																																																																																									
5	563.50	39.25	46.00	-6.75	31.48	26.33	3.14	31.73	0.13 -- -- Peak																																																																																																																																																																																																									
6	902.50	116.09	-----	-----	104.05	29.01	3.98	31.07	0.19 109 119 Peak																																																																																																																																																																																																									
7	973.81	45.99	54.00	-8.01	31.32	30.85	4.12	30.43	0.22 -- -- 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	dB	cm deg																																																																																																																																																																																																									
1	38.73	30.88	40.00	-9.12	31.66	20.35	0.87	31.99	0.13 -- -- Peak																																																																																																																																																																																																									
2	149.31	32.62	43.50	-10.88	35.73	17.25	1.63	31.92	0.08 -- -- Peak																																																																																																																																																																																																									
3	223.03	26.64	46.00	-19.36	30.86	15.64	1.96	31.77	0.09 -- -- Peak																																																																																																																																																																																																									
4	415.09	33.78	46.00	-12.22	30.56	22.25	2.69	31.69	0.09 -- -- Peak																																																																																																																																																																																																									
5	601.33	38.63	46.00	-7.37	31.24	25.92	3.25	31.80	0.13 -- -- Peak																																																																																																																																																																																																									
6	902.50	124.39	-----	-----	112.36	29.00	3.98	31.07	0.19 114 307 Peak																																																																																																																																																																																																									
7	967.99	47.30	54.00	-6.70	32.59	30.97	4.10	30.49	0.21 -- -- Peak																																																																																																																																																																																																									

Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



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Pol.	Horizontal	Vertical																																																																																																																																																																																																																												
Peak Avg	Level (dBuV/m) Date: 2025-08-12 Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 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>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>cm deg</th></tr><tr><td>1 2745.00</td><td>51.03</td><td>74.00</td><td>-22.97</td><td>72.97</td><td>28.20</td><td>7.32</td><td>57.64</td><td>0.18</td><td>297 163 Peak</td></tr><tr><td>2 2745.00</td><td>49.70</td><td>54.00</td><td>-4.30</td><td>71.64</td><td>28.20</td><td>7.32</td><td>57.64</td><td>0.18</td><td>297 163 Average</td></tr><tr><td>3 3660.00</td><td>38.37</td><td>74.00</td><td>-35.63</td><td>58.28</td><td>29.90</td><td>8.48</td><td>58.72</td><td>0.43</td><td>-- -- Peak</td></tr><tr><td>4 4575.00</td><td>38.54</td><td>74.00</td><td>-35.46</td><td>55.99</td><td>31.85</td><td>9.47</td><td>58.92</td><td>0.15</td><td>-- -- Peak</td></tr><tr><td>5 7320.00</td><td>51.75</td><td>74.00</td><td>-22.25</td><td>60.04</td><td>37.08</td><td>12.16</td><td>57.69</td><td>0.16</td><td>328 77 Peak</td></tr><tr><td>6 7320.00</td><td>48.57</td><td>54.00</td><td>-5.43</td><td>56.06</td><td>37.08</td><td>12.16</td><td>57.69</td><td>0.16</td><td>328 77 Average</td></tr><tr><td>7 8235.00</td><td>43.96</td><td>74.00</td><td>-30.04</td><td>50.83</td><td>37.07</td><td>12.93</td><td>57.06</td><td>0.19</td><td>-- -- Peak</td></tr><tr><td>8 9150.00</td><td>46.32</td><td>74.00</td><td>-27.68</td><td>51.37</td><td>38.00</td><td>13.69</td><td>56.75</td><td>0.01</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	dB	cm deg	1 2745.00	51.03	74.00	-22.97	72.97	28.20	7.32	57.64	0.18	297 163 Peak	2 2745.00	49.70	54.00	-4.30	71.64	28.20	7.32	57.64	0.18	297 163 Average	3 3660.00	38.37	74.00	-35.63	58.28	29.90	8.48	58.72	0.43	-- -- Peak	4 4575.00	38.54	74.00	-35.46	55.99	31.85	9.47	58.92	0.15	-- -- Peak	5 7320.00	51.75	74.00	-22.25	60.04	37.08	12.16	57.69	0.16	328 77 Peak	6 7320.00	48.57	54.00	-5.43	56.06	37.08	12.16	57.69	0.16	328 77 Average	7 8235.00	43.96	74.00	-30.04	50.83	37.07	12.93	57.06	0.19	-- -- Peak	8 9150.00	46.32	74.00	-27.68	51.37	38.00	13.69	56.75	0.01	-- -- Peak	Level (dBuV/m) Date: 2025-08-12 Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 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>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>cm deg</th></tr><tr><td>1 2745.00</td><td>48.54</td><td>74.00</td><td>-25.46</td><td>70.48</td><td>28.20</td><td>7.32</td><td>57.64</td><td>0.18</td><td>400 174 Peak</td></tr><tr><td>2 2745.00</td><td>46.81</td><td>54.00</td><td>-7.19</td><td>68.75</td><td>28.20</td><td>7.32</td><td>57.64</td><td>0.18</td><td>400 174 Average</td></tr><tr><td>3 3660.00</td><td>38.36</td><td>74.00</td><td>-35.64</td><td>58.27</td><td>29.90</td><td>8.48</td><td>58.72</td><td>0.43</td><td>-- -- Peak</td></tr><tr><td>4 4575.00</td><td>38.53</td><td>74.00</td><td>-35.47</td><td>55.98</td><td>31.85</td><td>9.47</td><td>58.92</td><td>0.15</td><td>-- -- Peak</td></tr><tr><td>5 7320.00</td><td>50.65</td><td>74.00</td><td>-23.35</td><td>58.94</td><td>37.08</td><td>12.16</td><td>57.69</td><td>0.16</td><td>187 210 Peak</td></tr><tr><td>6 7320.00</td><td>46.55</td><td>54.00</td><td>-7.45</td><td>54.84</td><td>37.08</td><td>12.16</td><td>57.69</td><td>0.16</td><td>187 210 Average</td></tr><tr><td>7 8235.00</td><td>44.80</td><td>74.00</td><td>-29.20</td><td>51.67</td><td>37.07</td><td>12.93</td><td>57.06</td><td>0.19</td><td>-- -- Peak</td></tr><tr><td>8 9150.00</td><td>44.94</td><td>74.00</td><td>-29.06</td><td>49.99</td><td>38.00</td><td>13.69</td><td>56.75</td><td>0.01</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	dB	cm deg	1 2745.00	48.54	74.00	-25.46	70.48	28.20	7.32	57.64	0.18	400 174 Peak	2 2745.00	46.81	54.00	-7.19	68.75	28.20	7.32	57.64	0.18	400 174 Average	3 3660.00	38.36	74.00	-35.64	58.27	29.90	8.48	58.72	0.43	-- -- Peak	4 4575.00	38.53	74.00	-35.47	55.98	31.85	9.47	58.92	0.15	-- -- Peak	5 7320.00	50.65	74.00	-23.35	58.94	37.08	12.16	57.69	0.16	187 210 Peak	6 7320.00	46.55	54.00	-7.45	54.84	37.08	12.16	57.69	0.16	187 210 Average	7 8235.00	44.80	74.00	-29.20	51.67	37.07	12.93	57.06	0.19	-- -- Peak	8 9150.00	44.94	74.00	-29.06	49.99	38.00	13.69	56.75	0.01	-- -- Peak
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8 9150.00	46.32	74.00	-27.68	51.37	38.00	13.69	56.75	0.01	-- -- Peak																																																																																																																																																																																																																					
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	<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>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>cm deg</th></tr><tr><td>1</td><td>31.94</td><td>32.85</td><td>40.00</td><td>-7.15</td><td>30.64</td><td>23.51</td><td>0.79</td><td>32.00</td><td>0.06 -- -- Peak</td></tr><tr><td>2</td><td>176.47</td><td>31.92</td><td>43.50</td><td>-11.58</td><td>36.67</td><td>15.38</td><td>1.76</td><td>31.86</td><td>0.11 -- -- Peak</td></tr><tr><td>3</td><td>224.00</td><td>25.99</td><td>46.00</td><td>-20.01</td><td>30.11</td><td>15.73</td><td>1.97</td><td>31.77</td><td>0.09 -- -- Peak</td></tr><tr><td>4</td><td>416.06</td><td>34.14</td><td>46.00</td><td>-11.86</td><td>30.90</td><td>22.27</td><td>2.69</td><td>31.69</td><td>0.09 -- -- Peak</td></tr><tr><td>5</td><td>550.89</td><td>39.55</td><td>46.00</td><td>-6.45</td><td>32.56</td><td>25.56</td><td>3.10</td><td>31.70</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>915.00</td><td>116.34</td><td>-----</td><td>-----</td><td>103.94</td><td>29.24</td><td>4.00</td><td>30.96</td><td>0.19 100 154 Peak</td></tr><tr><td>7</td><td>980.60</td><td>45.34</td><td>54.00</td><td>-8.66</td><td>30.72</td><td>30.72</td><td>4.13</td><td>30.36</td><td>0.22 -- -- 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	dB	cm deg	1	31.94	32.85	40.00	-7.15	30.64	23.51	0.79	32.00	0.06 -- -- Peak	2	176.47	31.92	43.50	-11.58	36.67	15.38	1.76	31.86	0.11 -- -- Peak	3	224.00	25.99	46.00	-20.01	30.11	15.73	1.97	31.77	0.09 -- -- Peak	4	416.06	34.14	46.00	-11.86	30.90	22.27	2.69	31.69	0.09 -- -- Peak	5	550.89	39.55	46.00	-6.45	32.56	25.56	3.10	31.70	0.13 -- -- Peak	6	915.00	116.34	-----	-----	103.94	29.24	4.00	30.96	0.19 100 154 Peak	7	980.60	45.34	54.00	-8.66	30.72	30.72	4.13	30.36	0.22 -- -- 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>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>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>cm deg</th></tr><tr><td>1</td><td>37.76</td><td>30.75</td><td>40.00</td><td>-9.25</td><td>31.12</td><td>20.77</td><td>0.86</td><td>31.99</td><td>0.13 -- -- Peak</td></tr><tr><td>2</td><td>149.31</td><td>32.10</td><td>43.50</td><td>-11.40</td><td>35.21</td><td>17.25</td><td>1.63</td><td>31.92</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>222.06</td><td>26.12</td><td>46.00</td><td>-19.88</td><td>30.43</td><td>15.56</td><td>1.96</td><td>31.78</td><td>0.09 -- -- Peak</td></tr><tr><td>4</td><td>402.48</td><td>34.00</td><td>46.00</td><td>-12.00</td><td>31.21</td><td>21.85</td><td>2.65</td><td>31.67</td><td>0.08 -- -- Peak</td></tr><tr><td>5</td><td>598.42</td><td>39.17</td><td>46.00</td><td>-6.83</td><td>31.77</td><td>25.93</td><td>3.25</td><td>31.80</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>915.00</td><td>123.73</td><td>-----</td><td>-----</td><td>111.33</td><td>29.24</td><td>4.00</td><td>30.96</td><td>0.19 109 147 Peak</td></tr><tr><td>7</td><td>969.93</td><td>47.07</td><td>54.00</td><td>-6.93</td><td>32.43</td><td>30.87</td><td>4.11</td><td>30.47</td><td>0.22 -- -- 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	dB	cm deg	1	37.76	30.75	40.00	-9.25	31.12	20.77	0.86	31.99	0.13 -- -- Peak	2	149.31	32.10	43.50	-11.40	35.21	17.25	1.63	31.92	0.08 -- -- Peak	3	222.06	26.12	46.00	-19.88	30.43	15.56	1.96	31.78	0.09 -- -- Peak	4	402.48	34.00	46.00	-12.00	31.21	21.85	2.65	31.67	0.08 -- -- Peak	5	598.42	39.17	46.00	-6.83	31.77	25.93	3.25	31.80	0.13 -- -- Peak	6	915.00	123.73	-----	-----	111.33	29.24	4.00	30.96	0.19 109 147 Peak	7	969.93	47.07	54.00	-6.93	32.43	30.87	4.11	30.47
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																														
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1	31.94	32.85	40.00	-7.15	30.64	23.51	0.79	32.00	0.06 -- -- Peak																																																																																																																																																																																																														
2	176.47	31.92	43.50	-11.58	36.67	15.38	1.76	31.86	0.11 -- -- Peak																																																																																																																																																																																																														
3	224.00	25.99	46.00	-20.01	30.11	15.73	1.97	31.77	0.09 -- -- Peak																																																																																																																																																																																																														
4	416.06	34.14	46.00	-11.86	30.90	22.27	2.69	31.69	0.09 -- -- Peak																																																																																																																																																																																																														
5	550.89	39.55	46.00	-6.45	32.56	25.56	3.10	31.70	0.13 -- -- Peak																																																																																																																																																																																																														
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1	37.76	30.75	40.00	-9.25	31.12	20.77	0.86	31.99	0.13 -- -- Peak																																																																																																																																																																																																														
2	149.31	32.10	43.50	-11.40	35.21	17.25	1.63	31.92	0.08 -- -- Peak																																																																																																																																																																																																														
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Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



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	902-928_ Lora FSK 250KHz_CH50_ 927.5MHz																																																																																																																																																																																																																																																
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Peak Avg	Level (dBuV/m) Date: 2025-08-12 Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>2782.50</td><td>51.29</td><td>74.00</td><td>-22.71</td><td>73.02</td><td>28.40</td><td>7.38</td><td>57.70</td><td>0.19</td><td>182</td><td>176 Peak</td></tr><tr><td>2</td><td>2782.50</td><td>50.01</td><td>54.00</td><td>-3.99</td><td>71.74</td><td>28.40</td><td>7.38</td><td>57.70</td><td>0.19</td><td>182</td><td>176 Average</td></tr><tr><td>3</td><td>3710.00</td><td>38.57</td><td>74.00</td><td>-35.43</td><td>58.45</td><td>29.94</td><td>8.54</td><td>58.79</td><td>0.43</td><td>--</td><td>-- Peak</td></tr><tr><td>4</td><td>4637.50</td><td>41.81</td><td>74.00</td><td>-32.19</td><td>59.03</td><td>31.90</td><td>9.52</td><td>58.78</td><td>0.14</td><td>--</td><td>-- Peak</td></tr><tr><td>5</td><td>7420.00</td><td>50.92</td><td>74.00</td><td>-23.08</td><td>59.81</td><td>36.56</td><td>12.23</td><td>57.84</td><td>0.16</td><td>201</td><td>283 Peak</td></tr><tr><td>6</td><td>7420.00</td><td>47.87</td><td>54.00</td><td>-6.13</td><td>56.76</td><td>36.56</td><td>12.23</td><td>57.84</td><td>0.16</td><td>201</td><td>283 Average</td></tr><tr><td>7</td><td>8347.50</td><td>43.38</td><td>74.00</td><td>-30.62</td><td>50.02</td><td>37.10</td><td>13.05</td><td>56.88</td><td>0.09</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	dB	cm	deg	1	2782.50	51.29	74.00	-22.71	73.02	28.40	7.38	57.70	0.19	182	176 Peak	2	2782.50	50.01	54.00	-3.99	71.74	28.40	7.38	57.70	0.19	182	176 Average	3	3710.00	38.57	74.00	-35.43	58.45	29.94	8.54	58.79	0.43	--	-- Peak	4	4637.50	41.81	74.00	-32.19	59.03	31.90	9.52	58.78	0.14	--	-- Peak	5	7420.00	50.92	74.00	-23.08	59.81	36.56	12.23	57.84	0.16	201	283 Peak	6	7420.00	47.87	54.00	-6.13	56.76	36.56	12.23	57.84	0.16	201	283 Average	7	8347.50	43.38	74.00	-30.62	50.02	37.10	13.05	56.88	0.09	--	-- Peak	Level (dBuV/m) Date: 2025-08-12 Site : 03CH13-HY Condition: PEAK_74 3m HORN_91280_1326 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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>2782.50</td><td>49.56</td><td>74.00</td><td>-24.44</td><td>71.29</td><td>28.40</td><td>7.38</td><td>57.70</td><td>0.19</td><td>347</td><td>178 Peak</td></tr><tr><td>2</td><td>2782.50</td><td>47.99</td><td>54.00</td><td>-6.01</td><td>69.72</td><td>28.40</td><td>7.38</td><td>57.70</td><td>0.19</td><td>347</td><td>178 Average</td></tr><tr><td>3</td><td>3710.00</td><td>37.59</td><td>74.00</td><td>-36.41</td><td>57.47</td><td>29.94</td><td>8.54</td><td>58.79</td><td>0.43</td><td>--</td><td>-- Peak</td></tr><tr><td>4</td><td>4637.50</td><td>39.98</td><td>74.00</td><td>-34.02</td><td>57.20</td><td>31.90</td><td>9.52</td><td>58.78</td><td>0.14</td><td>--</td><td>-- Peak</td></tr><tr><td>5</td><td>7420.00</td><td>48.63</td><td>74.00</td><td>-25.37</td><td>57.52</td><td>36.56</td><td>12.23</td><td>57.84</td><td>0.16</td><td>184</td><td>219 Peak</td></tr><tr><td>6</td><td>7420.00</td><td>44.22</td><td>54.00</td><td>-9.78</td><td>53.11</td><td>36.56</td><td>12.23</td><td>57.84</td><td>0.16</td><td>184</td><td>219 Average</td></tr><tr><td>7</td><td>8347.50</td><td>43.59</td><td>74.00</td><td>-30.41</td><td>50.23</td><td>37.10</td><td>13.05</td><td>56.88</td><td>0.09</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	dB	cm	deg	1	2782.50	49.56	74.00	-24.44	71.29	28.40	7.38	57.70	0.19	347	178 Peak	2	2782.50	47.99	54.00	-6.01	69.72	28.40	7.38	57.70	0.19	347	178 Average	3	3710.00	37.59	74.00	-36.41	57.47	29.94	8.54	58.79	0.43	--	-- Peak	4	4637.50	39.98	74.00	-34.02	57.20	31.90	9.52	58.78	0.14	--	-- Peak	5	7420.00	48.63	74.00	-25.37	57.52	36.56	12.23	57.84	0.16	184	219 Peak	6	7420.00	44.22	54.00	-9.78	53.11	36.56	12.23	57.84	0.16	184	219 Average	7	8347.50	43.59	74.00	-30.41	50.23	37.10	13.05	56.88	0.09	--	-- Peak
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QP/ Peak	Level (dBuV/m) Date: 2025-08-13 Site : 03CH13-HY Condition: QP 3m BILOG_40103 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>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>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>32.97</td><td>40.00</td><td>-7.03</td><td>30.11</td><td>24.18</td><td>0.78</td><td>32.00</td><td>0.05 -- -- Peak</td></tr><tr><td>2</td><td>176.47</td><td>31.00</td><td>43.50</td><td>-11.70</td><td>36.55</td><td>15.38</td><td>1.76</td><td>31.06</td><td>0.11 -- -- Peak</td></tr><tr><td>3</td><td>219.15</td><td>26.40</td><td>46.00</td><td>-19.60</td><td>31.02</td><td>15.28</td><td>1.94</td><td>31.78</td><td>0.08 -- -- Peak</td></tr><tr><td>4</td><td>416.06</td><td>34.00</td><td>46.00</td><td>-11.92</td><td>30.04</td><td>22.27</td><td>2.69</td><td>31.69</td><td>0.09 -- -- Peak</td></tr><tr><td>5</td><td>600.36</td><td>38.78</td><td>46.00</td><td>-7.22</td><td>31.38</td><td>25.93</td><td>3.25</td><td>31.00</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>927.50</td><td>116.47</td><td>-----</td><td>-----</td><td>103.49</td><td>29.68</td><td>4.03</td><td>30.06</td><td>0.20 100 153 Peak</td></tr><tr><td>7</td><td>979.63</td><td>45.34</td><td>54.00</td><td>-8.66</td><td>30.67</td><td>30.78</td><td>4.13</td><td>30.37</td><td>0.22 -- -- 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	dB	cm deg	1	30.97	32.97	40.00	-7.03	30.11	24.18	0.78	32.00	0.05 -- -- Peak	2	176.47	31.00	43.50	-11.70	36.55	15.38	1.76	31.06	0.11 -- -- Peak	3	219.15	26.40	46.00	-19.60	31.02	15.28	1.94	31.78	0.08 -- -- Peak	4	416.06	34.00	46.00	-11.92	30.04	22.27	2.69	31.69	0.09 -- -- Peak	5	600.36	38.78	46.00	-7.22	31.38	25.93	3.25	31.00	0.13 -- -- Peak	6	927.50	116.47	-----	-----	103.49	29.68	4.03	30.06	0.20 100 153 Peak	7	979.63	45.34	54.00	-8.66	30.67	30.78	4.13	30.37	0.22 -- -- Peak	Level (dBuV/m) Date: 2025-08-13 Site : 03CH13-HY Condition: QP 3m BILOG_40103 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>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>cm deg</th></tr><tr><td>1</td><td>36.79</td><td>30.43</td><td>40.00</td><td>-9.57</td><td>30.36</td><td>21.24</td><td>0.85</td><td>31.99</td><td>0.12 -- -- Peak</td></tr><tr><td>2</td><td>150.28</td><td>32.31</td><td>43.50</td><td>-11.19</td><td>35.48</td><td>17.17</td><td>1.63</td><td>31.91</td><td>0.09 -- -- Peak</td></tr><tr><td>3</td><td>224.00</td><td>26.76</td><td>46.00</td><td>-19.24</td><td>30.88</td><td>15.73</td><td>1.97</td><td>31.77</td><td>0.09 -- -- Peak</td></tr><tr><td>4</td><td>392.78</td><td>34.40</td><td>46.00</td><td>-11.60</td><td>31.90</td><td>21.60</td><td>2.62</td><td>31.69</td><td>0.09 -- -- Peak</td></tr><tr><td>5</td><td>565.44</td><td>38.95</td><td>46.00</td><td>-7.05</td><td>31.20</td><td>26.30</td><td>3.15</td><td>31.73</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>927.50</td><td>123.53</td><td>-----</td><td>-----</td><td>110.55</td><td>29.68</td><td>4.03</td><td>30.06</td><td>0.20 100 147 Peak</td></tr><tr><td>7</td><td>960.23</td><td>49.42</td><td>54.00</td><td>-4.58</td><td>34.96</td><td>30.82</td><td>4.08</td><td>30.57</td><td>0.21 100 307 QP</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	dB	cm deg	1	36.79	30.43	40.00	-9.57	30.36	21.24	0.85	31.99	0.12 -- -- Peak	2	150.28	32.31	43.50	-11.19	35.48	17.17	1.63	31.91	0.09 -- -- Peak	3	224.00	26.76	46.00	-19.24	30.88	15.73	1.97	31.77	0.09 -- -- Peak	4	392.78	34.40	46.00	-11.60	31.90	21.60	2.62	31.69	0.09 -- -- Peak	5	565.44	38.95	46.00	-7.05	31.20	26.30	3.15	31.73	0.13 -- -- Peak	6	927.50	123.53	-----	-----	110.55	29.68	4.03	30.06	0.20 100 147 Peak	7	960.23	49.42	54.00	-4.58	34.96	30.82	4.08	30.57	0.21 100 307 QP
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Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



Appendix D. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
Lora FHSS 125KHz_SF7	96.46	114300	0.01	30Hz
Lora FHSS 125KHz_SF8	94.64	63600	0.02	30Hz
Lora FHSS 125KHz_SF9	93.59	32850	0.03	100Hz
Lora FSK 50KHz	93.09	72800	0.01	30Hz
Lora FSK 150KHz	81.82	24300	0.04	100Hz
Lora FSK 250KHz	73.37	14600	0.07	100Hz

