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Mode	4	
	Harmonic	
	2400-2483.5_BLE CS GFSK_CH02_2404MHz	
ANT	3	
Pol.	Horizontal	Vertical
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Mode	5																																																																																									
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FCC RADIO TEST REPORT

Report No. : FR5N0803-01L

Mode	5											
	Band Edge - R											
	2400-2483.5_BLE CS GFSK_CH38_2440MHz											
ANT	3											
Pol.	Horizontal						Fundamental					
Peak	<											



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Mode	5																																									
	Band Edge - R																																									
	2400-2483.5_BLE_CS_GFSK_CH38_2440MHz																																									
ANT	3																																									
Pol.	Vertical						Fundamental																																			
Peak	Level (dBuV/m) Date: 2025-12-05 PEAK_BE_74 1 Site : 03CH15-HY Condition: PEAK_BE_74 3m 91200-02294_250606 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th rowspan="2">Freq</th><th rowspan="2">Level</th><th colspan="2">Limit</th><th rowspan="2">Read Level</th><th rowspan="2">Ant Factor</th><th colspan="2">Cable</th><th rowspan="2">Preamp</th><th rowspan="2">Aux</th><th rowspan="2">APos</th><th rowspan="2">TPos</th><th rowspan="2">Remark</th></tr><tr><th>dBuV/m</th><th>dB</th><th>Loss</th><th>Factor</th></tr><tr><td>1</td><td>2496.50</td><td>53.47</td><td>74.00</td><td>-20.53</td><td>43.84</td><td>27.00</td><td>8.77</td><td>36.86</td><td>9.92</td><td>327</td><td>318</td><td>Peak</td></tr></table>						Freq	Level	Limit		Read Level	Ant Factor	Cable		Preamp	Aux	APos	TPos	Remark	dBuV/m	dB	Loss	Factor	1	2496.50	53.47	74.00	-20.53	43.84	27.00	8.77	36.86	9.92	327	318	Peak	Blank					
Freq	Level	Limit		Read Level	Ant Factor	Cable			Preamp	Aux			APos	TPos						Remark																						
		dBuV/m	dB			Loss	Factor																																			
1	2496.50	53.47	74.00	-20.53	43.84	27.00	8.77	36.86	9.92	327	318	Peak																														
Avg	Level (dBuV/m) Date: 2025-12-05 AVG_BE_54 Site : 03CH15-HY Condition: AVG_BE_54 3m 91200-02294_250606 VERTICAL : RBW:1000.000kHz VBW:36.000kHz SMT:Auto <table><tr><th rowspan="2">Freq</th><th rowspan="2">Level</th><th colspan="2">Limit</th><th rowspan="2">Read Level</th><th rowspan="2">Ant Factor</th><th colspan="2">Cable</th><th rowspan="2">Preamp</th><th rowspan="2">Aux</th><th rowspan="2">APos</th><th rowspan="2">TPos</th><th rowspan="2">Remark</th></tr><tr><th>dBuV/m</th><th>dB</th><th>Loss</th><th>Factor</th></tr><tr><td>1</td><td>2499.19</td><td>48.02</td><td>54.00</td><td>-5.98</td><td>38.38</td><td>27.00</td><td>8.78</td><td>36.86</td><td>9.92</td><td>327</td><td>318</td><td>Average</td></tr></table>						Freq	Level	Limit		Read Level	Ant Factor	Cable		Preamp	Aux	APos	TPos	Remark	dBuV/m	dB	Loss	Factor	1	2499.19	48.02	54.00	-5.98	38.38	27.00	8.78	36.86	9.92	327	318	Average	Blank					
Freq	Level	Limit		Read Level	Ant Factor	Cable			Preamp	Aux			APos	TPos						Remark																						
		dBuV/m	dB			Loss	Factor																																			
1	2499.19	48.02	54.00	-5.98	38.38	27.00	8.78	36.86	9.92	327	318	Average																														



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Mode	Harmonic																																																																																																															
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Pol.	Horizontal	Vertical																																																																																																														
Peak Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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 Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></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>4880.00</td><td>41.95</td><td>74.00</td><td>-32.05</td><td>54.53</td><td>32.72</td><td>12.36</td><td>58.19</td><td>0.53</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>44.92</td><td>74.00</td><td>-29.08</td><td>51.54</td><td>36.82</td><td>15.27</td><td>59.04</td><td>0.33</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	4880.00	41.95	74.00	-32.05	54.53	32.72	12.36	58.19	0.53	--	Peak	2	7320.00	44.92	74.00	-29.08	51.54	36.82	15.27	59.04	0.33	--	Peak	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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 Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></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>4880.00</td><td>40.76</td><td>74.00</td><td>-33.24</td><td>53.34</td><td>32.72</td><td>12.36</td><td>58.19</td><td>0.53</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>45.31</td><td>74.00</td><td>-28.69</td><td>51.93</td><td>36.82</td><td>15.27</td><td>59.04</td><td>0.33</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	4880.00	40.76	74.00	-33.24	53.34	32.72	12.36	58.19	0.53	--	Peak	2	7320.00	45.31	74.00	-28.69	51.93	36.82	15.27	59.04	0.33	--	Peak
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Mode	5	
	Harmonic	
	2400-2483.5_BLE CS GFSK_CH38_2440MHz	
ANT	3	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL
	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL



Mode	6																																																																																	
	Band Edge																																																																																	
	2400-2483.5_BLE CS GFSK_CH76_2478MHz																																																																																	
ANT	3																																																																																	
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Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_BE_74 3m 91200-02294_250606 HORIZONTAL : 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>Remark</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></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>cm</th><th>deg</th></tr><tr><td>1 2483.54</td><td>54.26</td><td>74.00</td><td>-19.74</td><td>44.78</td><td>27.67</td><td>8.75</td><td>36.86</td><td>9.92</td><td>147 217 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 2483.54	54.26	74.00	-19.74	44.78	27.67	8.75	36.86	9.92	147 217 Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_74 3m 91200-02294_250606 HORIZONTAL : 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>Remark</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></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>cm</th><th>deg</th></tr><tr><td>1 2478.00</td><td>115.84</td><td>-----</td><td>-----</td><td>106.46</td><td>27.58</td><td>8.74</td><td>36.86</td><td>9.92</td><td>147 217 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 2478.00	115.84	-----	-----	106.46	27.58	8.74	36.86	9.92	147 217 Peak
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																									
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Avg	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_BE_54 3m 91200-02294_250606 HORIZONTAL : RBW:1000.000kHz VBW:36.000kHz 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>Remark</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></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>cm</th><th>deg</th></tr><tr><td>1 2483.54</td><td>48.88</td><td>54.00</td><td>-5.12</td><td>39.40</td><td>27.67</td><td>8.75</td><td>36.86</td><td>9.92</td><td>147 217 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 2483.54	48.88	54.00	-5.12	39.40	27.67	8.75	36.86	9.92	147 217 Average	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 HORIZONTAL : RBW:1000.000kHz VBW:36.000kHz 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>Remark</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></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>cm</th><th>deg</th></tr><tr><td>1 2478.00</td><td>115.32</td><td>-----</td><td>-----</td><td>105.94</td><td>27.58</td><td>8.74</td><td>36.86</td><td>9.92</td><td>147 217 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1 2478.00	115.32	-----	-----	105.94	27.58	8.74	36.86	9.92	147 217 Average
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	2400-2483.5_BLE CS GFSK_CH76_2478MHz																																																																																	
ANT	3																																																																																	
Pol.	Vertical	Fundamental																																																																																
Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_BE_74 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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 2485.72</td><td>54.57</td><td>74.00</td><td>-19.43</td><td>45.05</td><td>27.71</td><td>8.75</td><td>36.86</td><td>9.92</td><td>300 145 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 2485.72	54.57	74.00	-19.43	45.05	27.71	8.75	36.86	9.92	300 145 Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_74 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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 2478.00</td><td>97.73</td><td>-----</td><td>-----</td><td>88.35</td><td>27.58</td><td>8.74</td><td>36.86</td><td>9.92</td><td>300 145 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 2478.00	97.73	-----	-----	88.35	27.58	8.74	36.86	9.92	300 145 Peak
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Peak Avg	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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>39.45</td><td>74.00</td><td>-34.55</td><td>51.65</td><td>33.02</td><td>12.44</td><td>58.18</td><td>0.52</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7434.00</td><td>42.41</td><td>74.00</td><td>-31.59</td><td>49.52</td><td>36.33</td><td>15.39</td><td>59.16</td><td>0.33</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	39.45	74.00	-34.55	51.65	33.02	12.44	58.18	0.52	--	Peak	2	7434.00	42.41	74.00	-31.59	49.52	36.33	15.39	59.16	0.33	--	Peak	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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>39.24</td><td>74.00</td><td>-34.76</td><td>51.44</td><td>33.02</td><td>12.44</td><td>58.18</td><td>0.52</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7434.00</td><td>42.08</td><td>74.00</td><td>-31.92</td><td>49.19</td><td>36.33</td><td>15.39</td><td>59.16</td><td>0.33</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	39.24	74.00	-34.76	51.44	33.02	12.44	58.18	0.52	--	Peak	2	7434.00	42.08	74.00	-31.92	49.19	36.33	15.39	59.16	0.33	--	Peak
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Mode	6	
	Harmonic	
	2400-2483.5_BLE CS GFSK_CH76_2478MHz	
ANT	3	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL
	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-11-27 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL



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Avg		Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_BE_54 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>1</th><th>2363.85</th><th>46.44</th><th>54.00</th><th>-7.56</th><th>37.57</th><th>27.30</th><th>8.53</th><th>36.88</th><th>9.92</th><th>354</th><th>deg</th><th>59</th><th>Average</th></tr></table> Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>1</th><th>2404.00</th><th>105.81</th><th>-----</th><th>-----</th><th>96.76</th><th>27.40</th><th>8.61</th><th>36.88</th><th>9.92</th><th>354</th><th>deg</th><th>59</th><th>Average</th></tr></table>													Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		1	2363.85	46.44	54.00	-7.56	37.57	27.30	8.53	36.88	9.92	354	deg	59	Average		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		1	2404.00	105.81	-----	-----	96.76	27.40	8.61	36.88	9.92	354	deg	59	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																								
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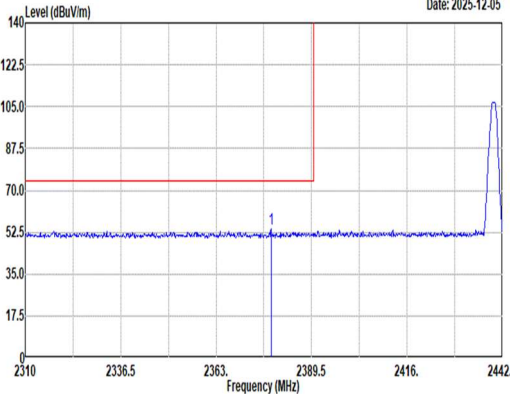
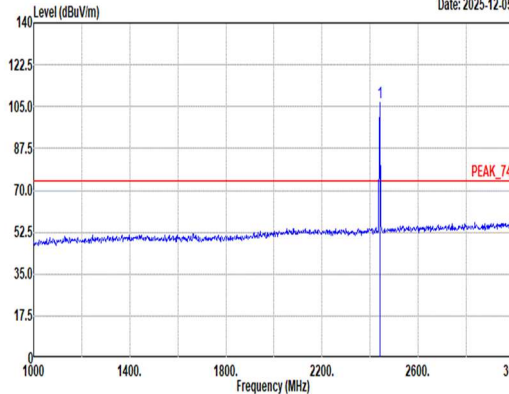
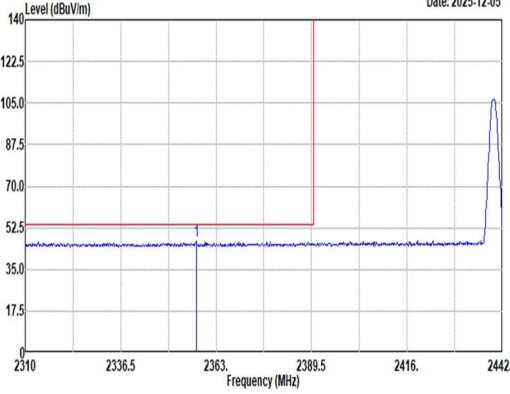
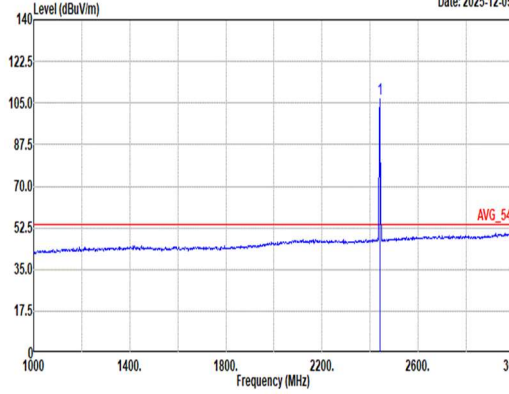


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Mode	Harmonic																																																																																																	
	2400-2483.5_BLE CS GFSK_CH02_2404MHz																																																																																																	
ANT	4																																																																																																	
Pol.	Horizontal						Vertical																																																																																											
Peak Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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>4808.00</td><td>40.57</td><td>74.00</td><td>-33.43</td><td>53.59</td><td>32.35</td><td>12.29</td><td>58.20</td><td>0.54</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	4808.00	40.57	74.00	-33.43	53.59	32.35	12.29	58.20	0.54	--	Peak	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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>4808.00</td><td>40.07</td><td>74.00</td><td>-33.93</td><td>53.09</td><td>32.35</td><td>12.29</td><td>58.20</td><td>0.54</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	4808.00	40.07	74.00	-33.93	53.09	32.35	12.29	58.20	0.54	--	Peak
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Mode	9	
	Harmonic	
	2400-2483.5_BLE CS GFSK_CH02_2404MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL
	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL



	10																																																																																									
Mode	Band Edge - L																																																																																									
	2400-2483.5_BLE CS GFSK_CH38_2440MHz																																																																																									
ANT	4																																																																																									
Pol.	Horizontal					Fundamental																																																																																				
Peak	 Site : 03CH15-HY Condition: PEAK_BE_74 3m 91200-02294_250606 HORIZONTAL : 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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>2378.24</td><td>53.68</td><td>74.00</td><td>-20.32</td><td>44.86</td><td>27.22</td><td>8.56</td><td>36.88</td><td>9.92 333 307 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	2378.24	53.68	74.00	-20.32	44.86	27.22	8.56	36.88	9.92 333 307 Peak	 Site : 03CH15-HY Condition: PEAK_74 3m 91200-02294_250606 HORIZONTAL : 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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>2440.00</td><td>106.82</td><td>-----</td><td>-----</td><td>97.60</td><td>27.50</td><td>8.67</td><td>36.87</td><td>9.92 333 307 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	2440.00	106.82	-----	-----	97.60	27.50	8.67	36.87	9.92 333 307 Peak
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Avg	 Site : 03CH15-HY Condition: AVG_BE_54 3m 91200-02294_250606 HORIZONTAL : 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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>2357.44</td><td>46.76</td><td>54.00</td><td>-7.24</td><td>37.91</td><td>27.30</td><td>8.52</td><td>36.89</td><td>9.92 333 307 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	2357.44	46.76	54.00	-7.24	37.91	27.30	8.52	36.89	9.92 333 307 Average	 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 HORIZONTAL : 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</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>2440.00</td><td>106.69</td><td>-----</td><td>-----</td><td>97.47</td><td>27.50</td><td>8.67</td><td>36.87</td><td>9.92 333 307 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	2440.00	106.69	-----	-----	97.47	27.50	8.67	36.87	9.92 333 307 Average
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FCC RADIO TEST REPORT

Report No. : FR5N0803-01L

Mode	10	
	Band Edge - R	
	2400-2483.5_BLE CS GFSK_CH38_2440MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		



Mode	10																																																																																																	
	Band Edge - L																																																																																																	
	2400-2483.5_BLE CS GFSK_CH38_2440MHz																																																																																																	
ANT	4																																																																																																	
Pol.	Vertical						Fundamental																																																																																											
Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_BE_74 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</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>2380.36</td><td>53.71</td><td>74.00</td><td>-20.29</td><td>44.91</td><td>27.20</td><td>8.56</td><td>36.88</td><td>9.92</td><td>369</td><td>53</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	Factor	Factor		MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	2380.36	53.71	74.00	-20.29	44.91	27.20	8.56	36.88	9.92	369	53	Peak	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: PEAK_74 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</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>2440.00</td><td>106.97</td><td>-----</td><td>-----</td><td>97.75</td><td>27.50</td><td>8.67</td><td>36.87</td><td>9.92</td><td>369</td><td>53</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	Factor	Factor		MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	2440.00	106.97	-----	-----	97.75	27.50	8.67	36.87	9.92	369	53	Peak
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Avg	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_BE_54 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</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>2375.32</td><td>46.49</td><td>54.00</td><td>-7.51</td><td>37.65</td><td>27.25</td><td>8.55</td><td>36.88</td><td>9.92</td><td>369</td><td>53</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	2375.32	46.49	54.00	-7.51	37.65	27.25	8.55	36.88	9.92	369	53	Average	Level (dBuV/m) Date: 2025-12-05 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_250606 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</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>2440.00</td><td>106.73</td><td>-----</td><td>-----</td><td>97.51</td><td>27.50</td><td>8.67</td><td>36.87</td><td>9.92</td><td>369</td><td>53</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor	Factor	Factor		MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	2440.00	106.73	-----	-----	97.51	27.50	8.67	36.87	9.92	369	53	Average
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FCC RADIO TEST REPORT

Report No. : FR5N0803-01L

Mode	10									
	Band Edge - R									
	2400-2483.5_BLE CS GFSK_CH38_2440MHz									
ANT	4									
Pol.	Vertical					Fundamental				
Peak	<									



Mode	10																																																																																																															
	Harmonic																																																																																																															
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Peak Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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 Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></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>4880.00</td><td>41.21</td><td>74.00</td><td>-32.79</td><td>53.79</td><td>32.72</td><td>12.36</td><td>58.19</td><td>0.53</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>44.74</td><td>74.00</td><td>-29.26</td><td>51.36</td><td>36.82</td><td>15.27</td><td>59.04</td><td>0.33</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	4880.00	41.21	74.00	-32.79	53.79	32.72	12.36	58.19	0.53	--	Peak	2	7320.00	44.74	74.00	-29.26	51.36	36.82	15.27	59.04	0.33	--	Peak	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: PEAK_74 3m 91280-02294_250606 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 Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></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>4880.00</td><td>41.54</td><td>74.00</td><td>-32.46</td><td>54.12</td><td>32.72</td><td>12.36</td><td>58.19</td><td>0.53</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>45.59</td><td>74.00</td><td>-28.41</td><td>52.21</td><td>36.82</td><td>15.27</td><td>59.04</td><td>0.33</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	4880.00	41.54	74.00	-32.46	54.12	32.72	12.36	58.19	0.53	--	Peak	2	7320.00	45.59	74.00	-28.41	52.21	36.82	15.27	59.04	0.33	--	Peak
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Mode	10	
	Harmonic	
	2400-2483.5_BLE CS GFSK_CH38_2440MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 HORIZONTAL	Level (dBuV/m) Date: 2025-12-16 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_250606 VERTICAL
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Mode	11																																																																																			
	Band Edge																																																																																			
	2400-2483.5_BLE CS GFSK_CH76_2478MHz																																																																																			
ANT	4																																																																																			
Pol.	Horizontal						Fundamental																																																																													
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