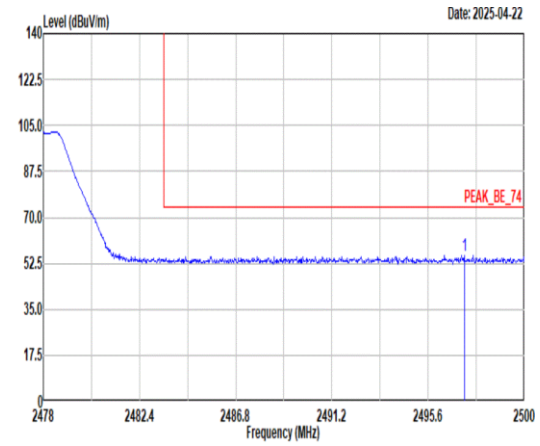
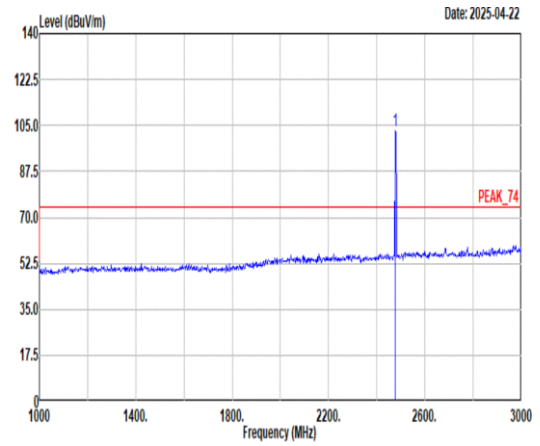
Mode	13	
	Band Edge	
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE_74 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

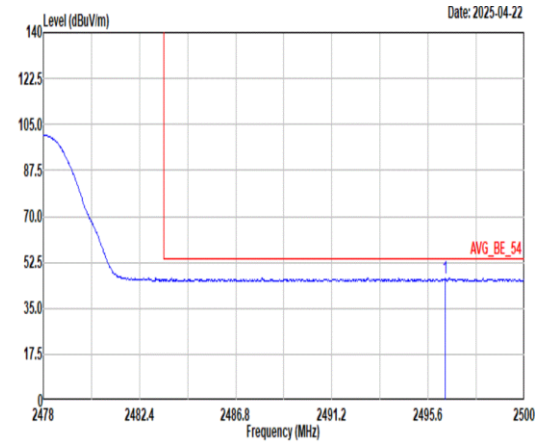
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2497.25	55.67	74.00	-18.33	44.86	28.07	6.92	34.21	10.03	370	125	PEAK



Site : 03CH12-HY
Condition: PEAK_74 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

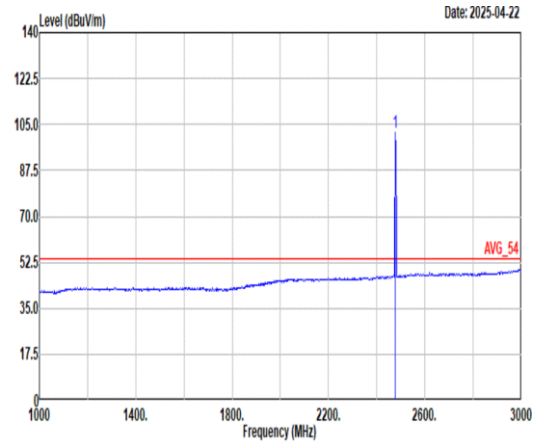
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	102.95	------	------	92.35	27.88	6.89	34.20	10.03	370	125	PEAK

Avg



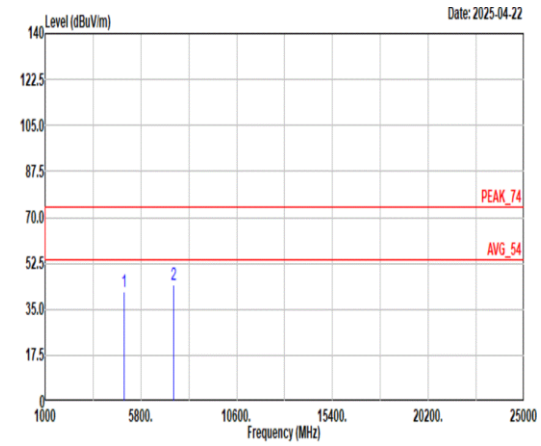
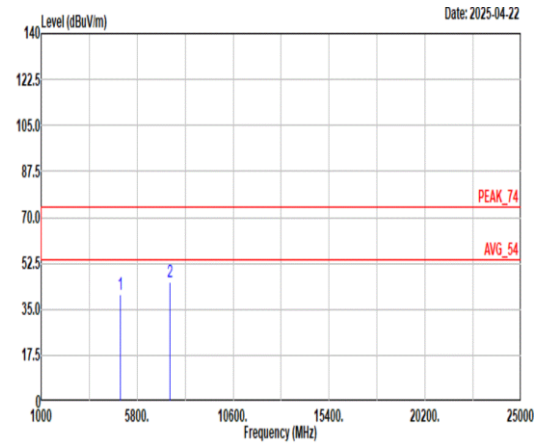
Site : 03CH12-HY
Condition: AVG_BE_54 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2496.37	46.44	54.00	-7.56	35.64	28.06	6.92	34.21	10.03	370	125	AVERAGE



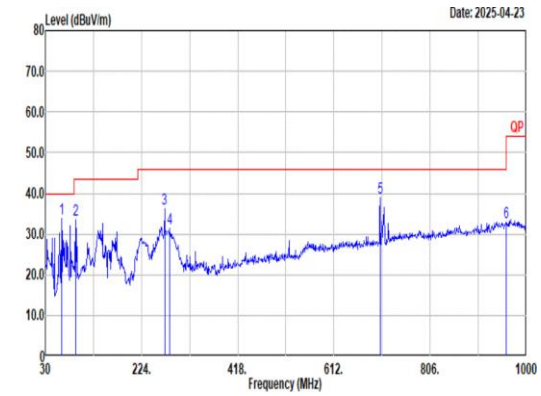
Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	101.72	------	------	91.12	27.88	6.89	34.20	10.03	370	125	AVERAGE

Mode	13	
	Harmonic	
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK_74 3m 9120D-02114-240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4956.00 41.62 74.00 -32.38 64.48 33.31 10.62 67.38 0.59 -- -- PEAK 2 7434.00 44.47 74.00 -29.53 61.01 36.67 13.24 66.66 0.21 -- -- PEAK	 Site : 03CH12-HY Condition: PEAK_74 3m 9120D-02114-240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4956.00 40.73 74.00 -33.27 63.59 33.31 10.62 67.38 0.59 -- -- PEAK 2 7434.00 45.48 74.00 -28.52 62.02 36.67 13.24 66.66 0.21 -- -- PEAK

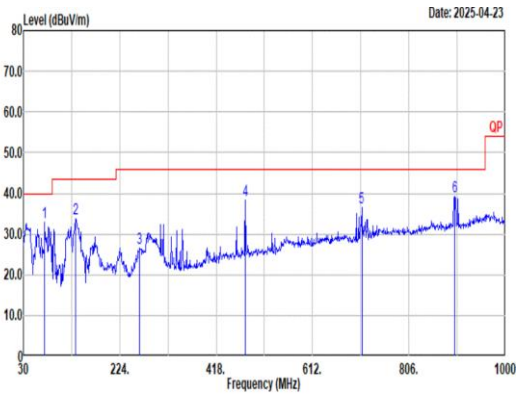
Mode	14	
	LF	
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz	
ANT	1	
Pol.	Horizontal	Vertical

QP/ Peak



Site : 03CH12-HY
Condition: QP 3m Bilog_37059_20241127 HORIZONTAL

	Freq	Level	Limit	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBm	dBm	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	62.98	33.70	40.00	-6.30	50.12	12.19	1.12	29.79	0.06	--	--	Peak
2	91.11	33.46	43.50	-10.04	46.68	15.14	1.33	29.78	0.09	--	--	Peak
3	270.56	36.28	46.00	-9.72	44.32	19.04	2.28	29.51	0.15	--	--	Peak
4	281.23	31.27	46.00	-14.73	39.31	18.98	2.33	29.50	0.15	--	--	Peak
5	705.12	39.07	46.00	-6.93	36.99	26.84	3.71	28.77	0.30	--	--	Peak
6	959.26	33.05	46.00	-12.95	25.37	31.25	4.28	28.30	0.45	--	--	Peak



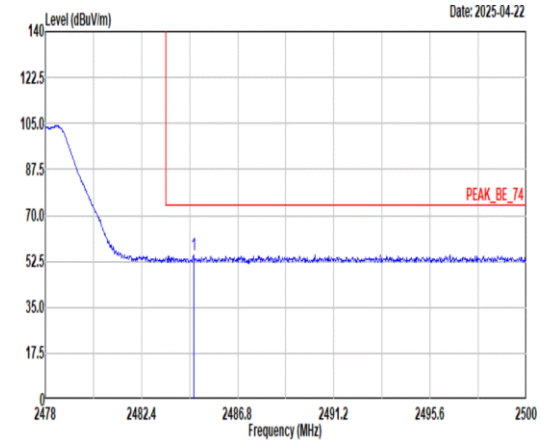
Site : 03CH12-HY
Condition: QP 3m Bilog_37059_20241127 VERTICAL

	Freq	Level	Limit	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBm	dBm	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	72.68	32.82	40.00	-7.18	48.48	12.85	1.19	29.77	0.07	--	--	Peak
2	134.76	33.92	43.50	-9.58	44.19	17.75	1.62	29.73	0.09	--	--	Peak
3	263.77	26.46	46.00	-19.54	33.45	20.14	2.24	29.52	0.15	--	--	Peak
4	477.17	38.42	46.00	-7.58	40.60	23.71	3.05	29.12	0.18	--	--	Peak
5	710.94	36.55	46.00	-9.45	34.30	26.99	3.72	28.77	0.31	--	--	Peak
6	898.15	39.20	46.00	-6.80	33.85	29.20	4.16	28.43	0.42	--	--	Peak

<Sample 3>

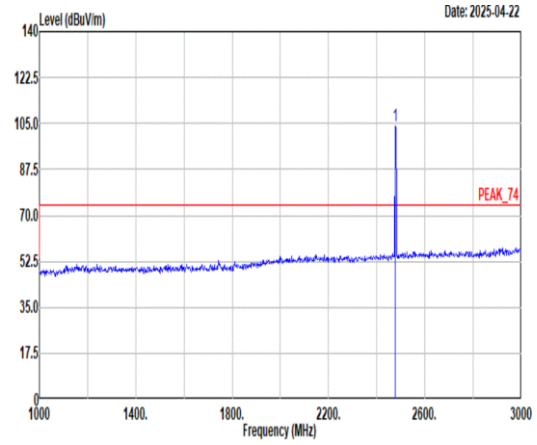
Mode	15	
	Band Edge	
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE_74 3m 9120D-02114-240711 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

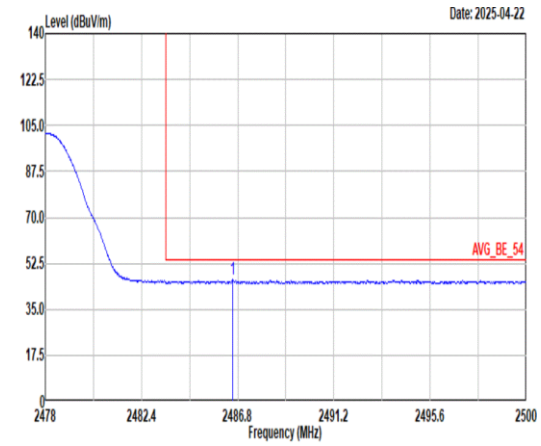
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2484.78	54.99	74.00	-19.01	44.31	27.95	6.90	34.20	10.03	101	168	PEAK



Site : 03CH12-HY
Condition: PEAK_74 3m 9120D-02114-240711 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

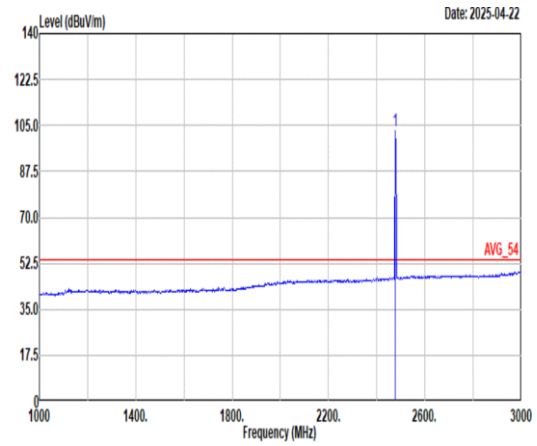
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	104.24	------	------	93.64	27.88	6.89	34.20	10.03	101	168	PEAK

Avg



Site : 03CH12-HY
Condition: AVG_BE_54 3m 9120D-02114-240711 HORIZONTAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2486.56	46.45	54.00	-7.55	35.74	27.97	6.91	34.20	10.03	101	168	AVERAGE



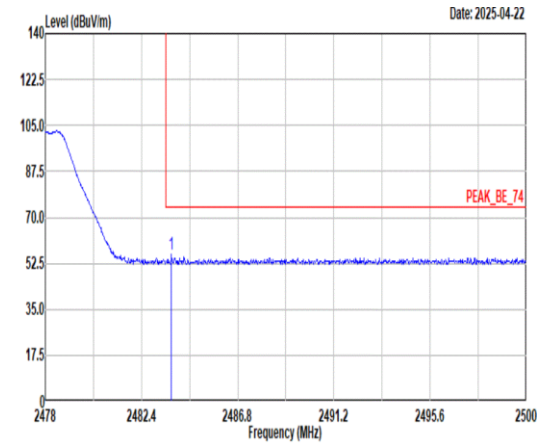
Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-240711 HORIZONTAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	102.79	------	------	92.19	27.88	6.89	34.20	10.03	101	168	AVERAGE

Mode	15
	Band Edge
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz
ANT	1

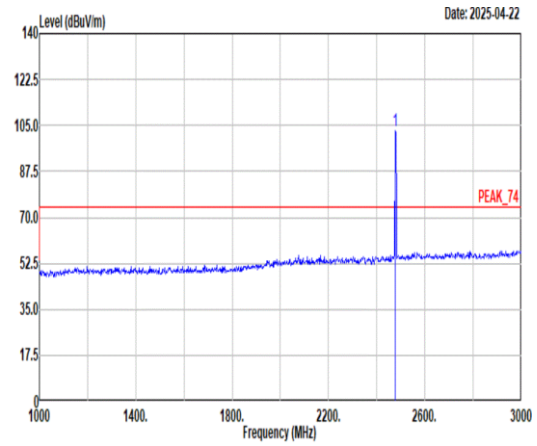
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE_74 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

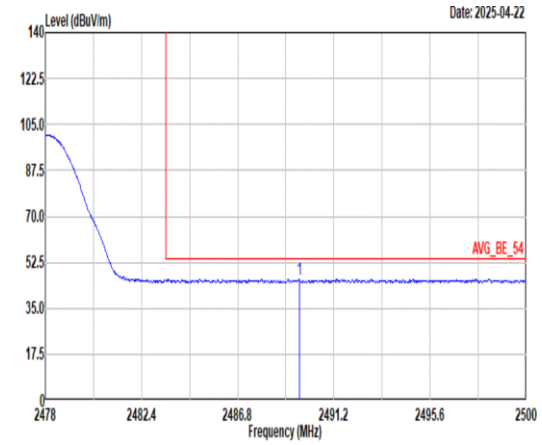
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.76	55.99	74.00	-18.01	45.32	27.94	6.90	34.20	10.03	275	140	PEAK



Site : 03CH12-HY
Condition: PEAK_74 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

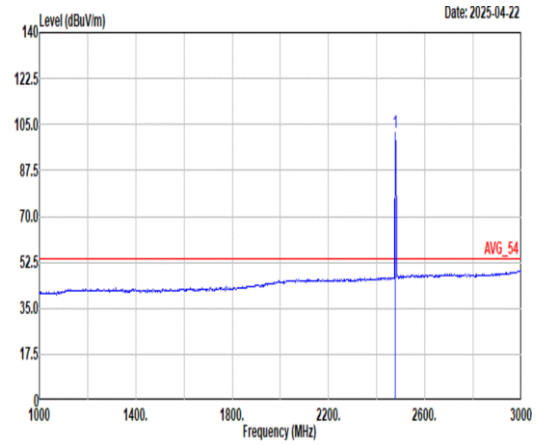
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	103.15	------	------	92.55	27.88	6.89	34.20	10.03	275	140	PEAK

Avg



Site : 03CH12-HY
Condition: AVG_BE_54 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2489.62	46.16	54.00	-7.84	35.42	28.00	6.91	34.20	10.03	275	140	AVERAGE



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-240711 VERTICAL
: RBW:1000.000kHz VBW:5.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2478.00	101.87	------	------	91.27	27.88	6.89	34.20	10.03	275	140	AVERAGE

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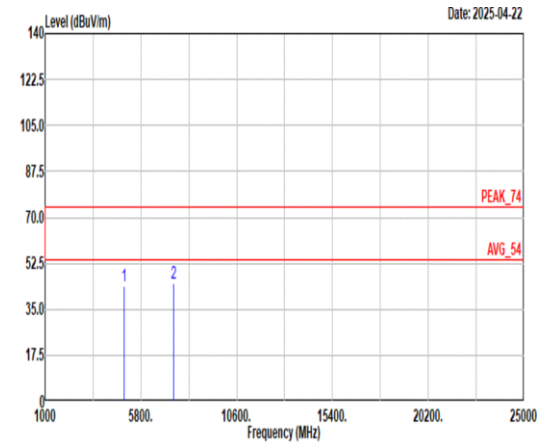
<tr><td colspan="2">Harmonic</td></tr>
<tr><td colspan="2">2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz</td></tr>
<tr><td>ANT</td><td colspan="2">1</td></tr>
<tr><td>Pol.</td><td>Horizontal</td><td>Vertical</td></tr>
<tr><td>Peak
Avg</td><td>


Site : 03CH12-HY
Condition: PEAK_74 3m 9120D-02114-240711 HORIZONTAL
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<tr><td></td><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr>
<tr><td>1</td><td>4956.00</td><td>43.98</td><td>74.00</td><td>-30.02</td><td>66.84</td><td>33.31</td><td>10.62</td><td>67.38</td><td>0.59</td><td>--</td><td>--</td><td>PEAK</td></tr>
<tr><td>2</td><td>7434.00</td><td>45.09</td><td>74.00</td><td>-28.91</td><td>61.63</td><td>36.67</td><td>13.24</td><td>66.66</td><td>0.21</td><td>--</td><td>--</td><td>PEAK</td></tr>
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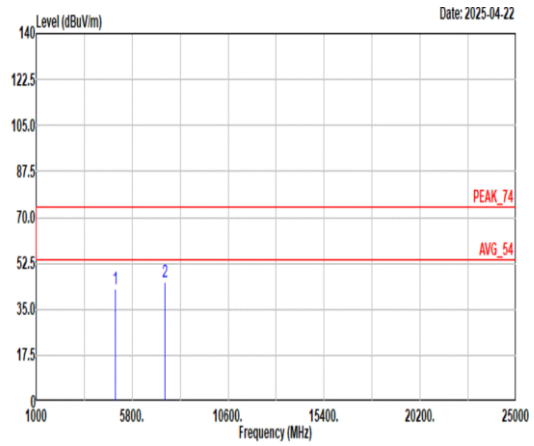

Site : 03CH12-HY
Condition: PEAK_74 3m 9120D-02114-240711 VERTICAL
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<tr><td></td><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr>
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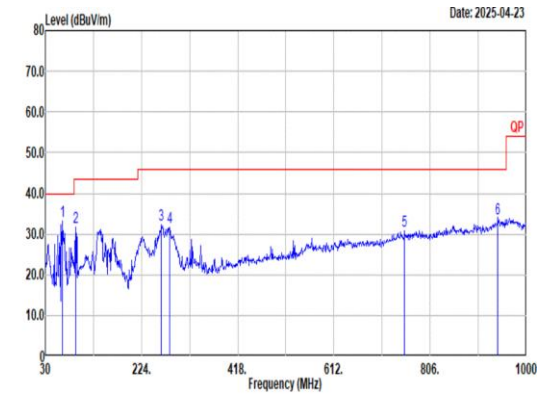
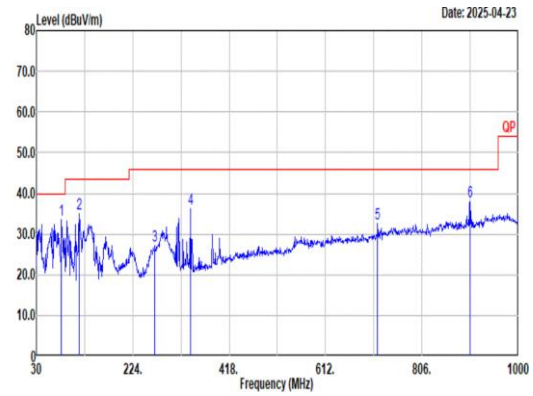
Mode	16	
	LF	
	2400-2483.5_ULL 2.4GHz_GFSK _CH38_2478MHz	
ANT	1	
Pol.	Horizontal	Vertical

QP/ Peak



Site : 03CH12-HY
Condition: QP 3m Bilog_37059_20241127 HORIZONTAL

	Freq	Level	Limit	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBm	dBm	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	64.92	33.11	40.00	-6.89	49.48	12.21	1.14	29.78	0.06	--	--	Peak
2	91.11	31.75	43.50	-11.75	44.97	15.14	1.33	29.78	0.09	--	--	Peak
3	263.77	32.18	46.00	-13.82	39.17	20.14	2.24	29.52	0.15	--	--	Peak
4	280.26	31.66	46.00	-14.34	39.73	18.95	2.33	29.50	0.15	--	--	Peak
5	754.59	30.72	46.00	-15.28	26.96	28.37	3.78	28.72	0.33	--	--	Peak
6	942.77	33.96	46.00	-12.04	27.03	30.58	4.25	28.34	0.44	--	--	Peak



Site : 03CH12-HY
Condition: QP 3m Bilog_37059_20241127 VERTICAL

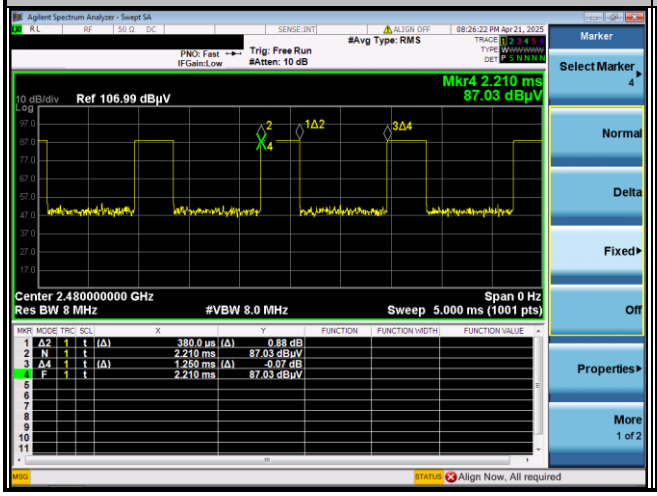
	Freq	Level	Limit	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBm	dBm	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	80.44	33.56	40.00	-6.44	48.30	13.73	1.25	29.79	0.07	--	--	Peak
2	116.33	35.12	43.50	-8.38	45.85	17.44	1.48	29.75	0.10	--	--	Peak
3	268.62	27.30	46.00	-18.70	35.13	19.26	2.27	29.51	0.15	--	--	Peak
4	340.40	36.29	46.00	-9.71	42.63	20.27	2.60	29.40	0.19	--	--	Peak
5	716.76	32.56	46.00	-13.44	30.07	27.22	3.72	28.76	0.31	--	--	Peak
6	903.00	38.02	46.00	-7.98	32.53	29.31	4.18	28.42	0.42	--	--	Peak

Appendix D. Duty Cycle Plots

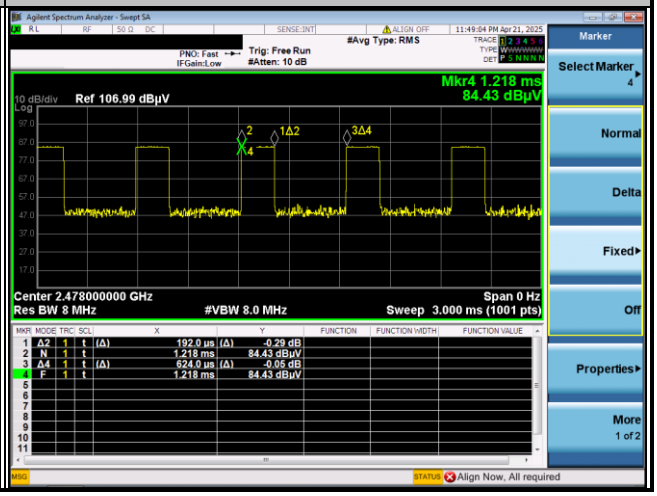
<Sample 1>

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
ULL 2.4GHz for 1Mbps	30.40	380	2.63	2.7 kHz
ULL 2.4GHz for 2Mbps	30.77	192	5.21	5.6 kHz

ULL 2.4GHz for 1Mbps



ULL 2.4GHz for 2Mbps



<Sample 3>

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
ULL 2.4GHz for 2Mbps	30.67	192	5.21	5.6 kHz

ULL 2.4GHz for 2Mbps