Appendix of 2.4G

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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK	Ant1	2405	1.436	2404.312	2405.748	0.5	PASS
GFSK	Ant1	2450	1.236	2449.400	2450.636	0.5	PASS
GFSK	Ant1	2470	1.348	2469.364	2470.712	0.5	PASS

Test Graphs

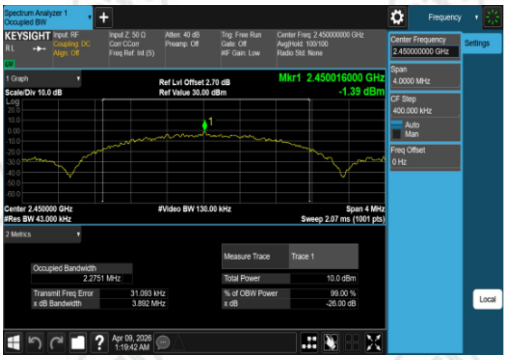
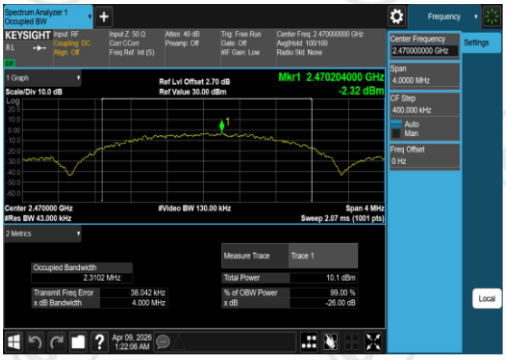
<table>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2405-PASS</td><td>GFSK-Ant1-2450-PASS</td></tr>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2470-PASS</td><td></td></tr>
</table>

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
GFSK	Ant1	2405	2.2900	2403.8706	2406.1606	---	---
GFSK	Ant1	2450	2.2751	2448.8935	2451.1686	---	---
GFSK	Ant1	2470	2.3102	2468.8829	2471.1931	---	---

Test Graphs

<table>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2405</td><td>GFSK-Ant1-2450</td></tr>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2470</td><td></td></tr>
</table>

Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
GFSK	Ant1	2405	3.14	≤30	PASS
GFSK	Ant1	2450	2.87	≤30	PASS
GFSK	Ant1	2470	3.05	≤30	PASS

Test Graphs Peak

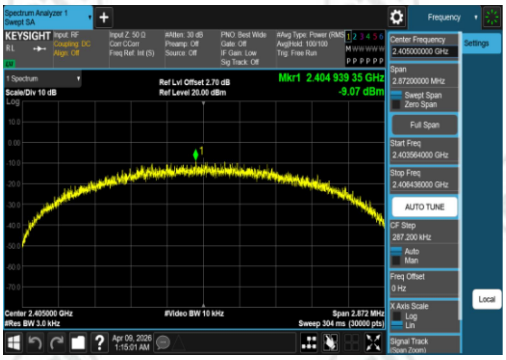
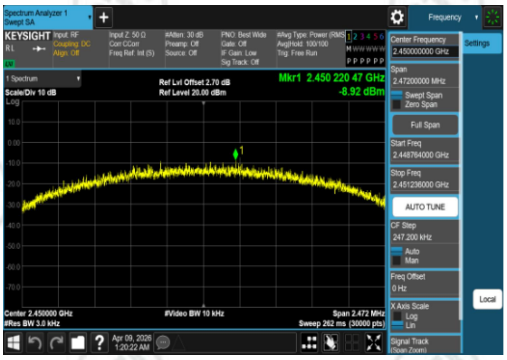
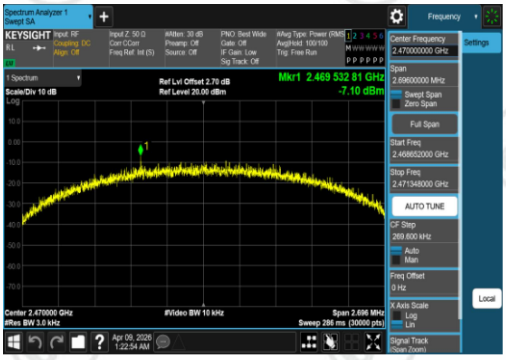
	
GFSK-Ant1-2405-PASS	GFSK-Ant1-2450-PASS
	
GFSK-Ant1-2470-PASS	

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
GFSK	Ant1	2405	-9.07	≤8.00	PASS
GFSK	Ant1	2450	-8.92	≤8.00	PASS
GFSK	Ant1	2470	-7.10	≤8.00	PASS

Test Graphs

<table>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2405-PASS</td><td>GFSK-Ant1-2450-PASS</td></tr>
<tr><td></td><td></td></tr>
<tr><td>GFSK-Ant1-2470-PASS</td><td></td></tr>
</table>

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
GFSK	Ant1	Low	2405	0.51	-42.95	≤-19.49	PASS
GFSK	Ant1	High	2470	0.37	-55.58	≤-19.63	PASS

Test Graphs

	
GFSK-Ant1-2405-PASS	GFSK-Ant1-2470-PASS

Appendix F: Conducted Spurious Emission

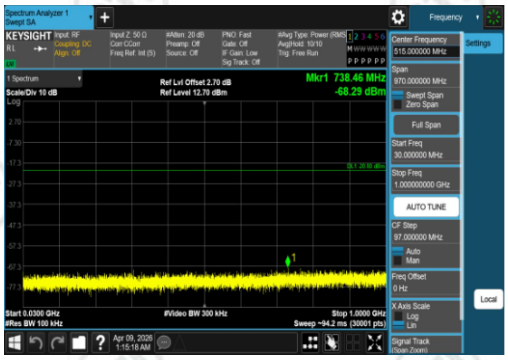
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
GFSK	Ant1	2405	0~Reference	-0.80	-0.80	---	PASS
GFSK	Ant1	2405	30~1000	-0.80	-68.29	≤-20.8	PASS
GFSK	Ant1	2405	1000~26500	-0.80	-49.02	≤-20.8	PASS
GFSK	Ant1	2450	0~Reference	-0.62	-0.62	---	PASS
GFSK	Ant1	2450	30~1000	-0.62	-68.29	≤-20.62	PASS
GFSK	Ant1	2450	1000~26500	-0.62	-49.14	≤-20.62	PASS
GFSK	Ant1	2470	0~Reference	-0.40	-0.40	---	PASS
GFSK	Ant1	2470	30~1000	-0.40	-67.56	≤-20.4	PASS
GFSK	Ant1	2470	1000~26500	-0.40	-49.81	≤-20.4	PASS

Test Graphs



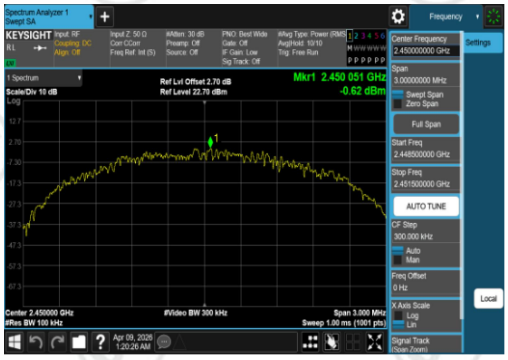
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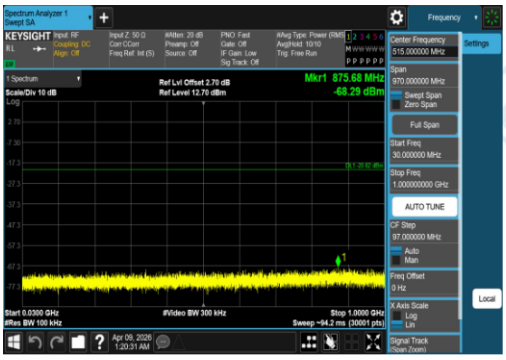
GFSK-Ant1-2405-30~1000-PASS



GFSK-Ant1-2405-1000~26500-PASS



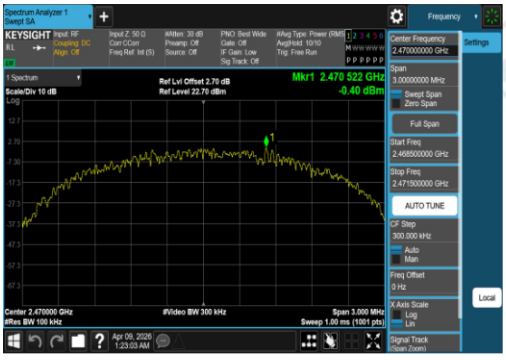
GFSK-Ant1-2450-0~Reference-PASS



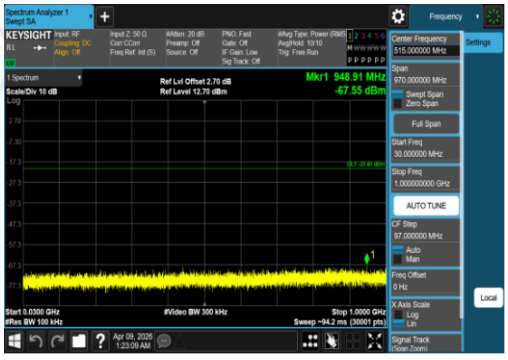
GFSK-Ant1-2450-30~1000-PASS



GFSK-Ant1-2450-1000~26500-PASS



GFSK-Ant1-2470-0~Reference-PASS



GFSK-Ant1-2470-30~1000-PASS

	
GFSK-Ant1-2470-1000~26500-PASS	

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
GFSK	Ant1	2405	100.00	100.00	100.00	0.00
GFSK	Ant1	2450	100.00	100.00	100.00	0.00
GFSK	Ant1	2470	100.00	100.00	100.00	0.00

Test Graphs

	
NTNV-GFSK-Ant1-2405	NTNV-GFSK-Ant1-2450
	
NTNV-GFSK-Ant1-2470	

*** End of Report ***