Project No.	SHT2508094501W		
Test sample No.	YPHT25080945002	Model No.	BDR-4550
Start date.	2025/9/11	Finish date.	2025/9/22
Temperature	25.3℃	Humidity	49%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhao

Appendix clause	Test Item	Test date (M/D)	Test Result (PASS/FAIL)
A	Maximum Transmitter Power	9/12	PASS
B	Occupied Bandwidth	9/17	PASS
C	Emission Mask	9/22	PASS
D	Modulation Limit	9/17	PASS
E	Audio Frequency Response	9/17	PASS
F	Frequency Stability Test & Temperature	9/17	PASS
G	Frequency Stability Test & Voltage	9/17	PASS
H	Transmitter Frequency Behavior	9/18	PASS
I	Spurious Emission On Antenna Port	9/22	PASS

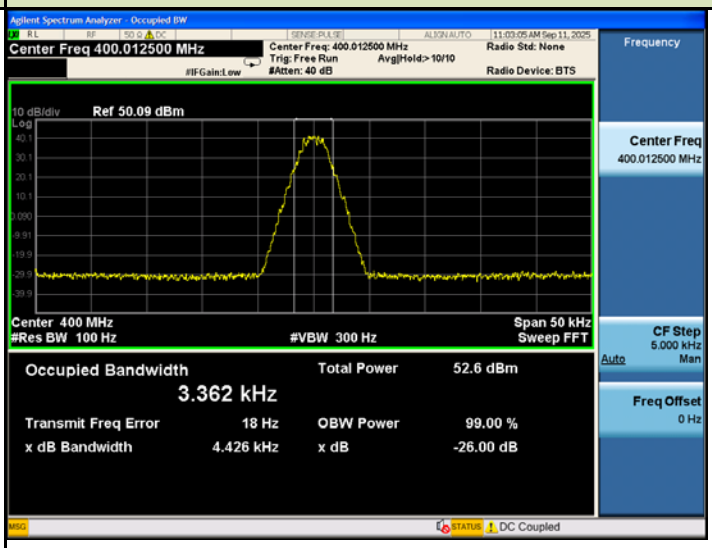
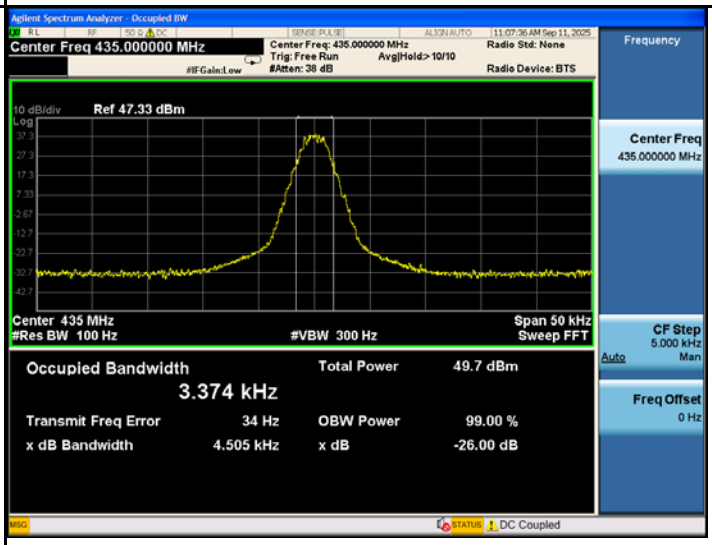
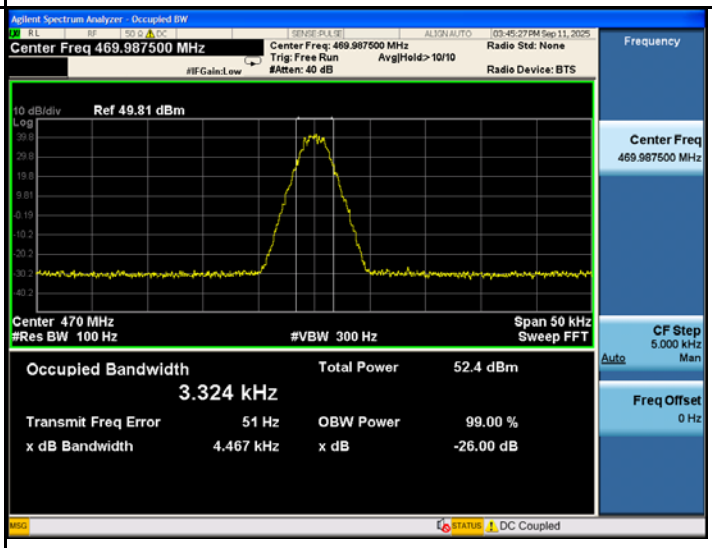
Appendix A:Maximum Transmitter Power

Operation Mode	Modulation Type	Test Channel	Measured Power(dBm)	Measured Power(W)	Rated Power(W)	Percentage(%)	Limit (%)	Result
TX-NXDNH	4FSK	CH_L	47.10	51.29	50.00	2.58	±20	PASS
TX-NXDNH	4FSK	CH_M	47.00	50.12	50.00	0.24	±20	PASS
TX-NXDNH	4FSK	CH_H	47.00	50.12	50.00	0.24	±20	PASS
TX-NXDNL	4FSK	CH_L	44.50	28.18	25.00	12.72	±20	PASS
TX-NXDNL	4FSK	CH_M	44.40	27.54	25.00	10.16	±20	PASS
TX-NXDNL	4FSK	CH_H	44.40	27.54	25.00	10.16	±20	PASS
TX-DNH	4FSK	CH_L	46.63	46.03	50.00	-7.94	±20	PASS
TX-DNH	4FSK	CH_M	46.56	45.29	50.00	-9.42	±20	PASS
TX-DNH	4FSK	CH_H	46.52	44.87	50.00	-10.26	±20	PASS
TX-DNL	4FSK	CH_L	44.01	25.18	25.00	0.72	±20	PASS
TX-DNL	4FSK	CH_M	43.92	24.66	25.00	-1.36	±20	PASS
TX-DNL	4FSK	CH_H	43.94	24.77	25.00	-0.92	±20	PASS
TX-ANH	FM	CH_L	46.89	48.87	50.00	-2.26	±20	PASS
TX-ANH	FM	CH_M	46.87	48.67	50.00	-2.66	±20	PASS
TX-ANH	FM	CH_H	46.89	48.87	50.00	-2.26	±20	PASS
TX-ANL	FM	CH_L	43.79	23.93	25.00	-4.28	±20	PASS
TX-ANL	FM	CH_M	43.76	23.77	25.00	-4.92	±20	PASS
TX-ANL	FM	CH_H	43.81	24.04	25.00	-3.84	±20	PASS

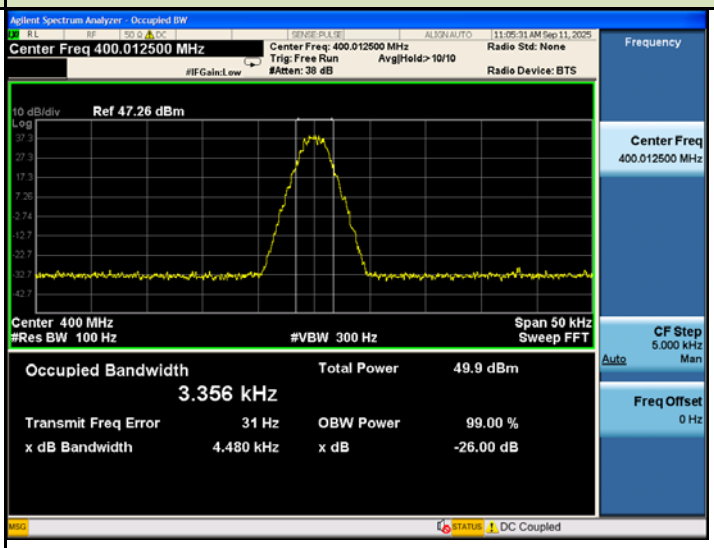
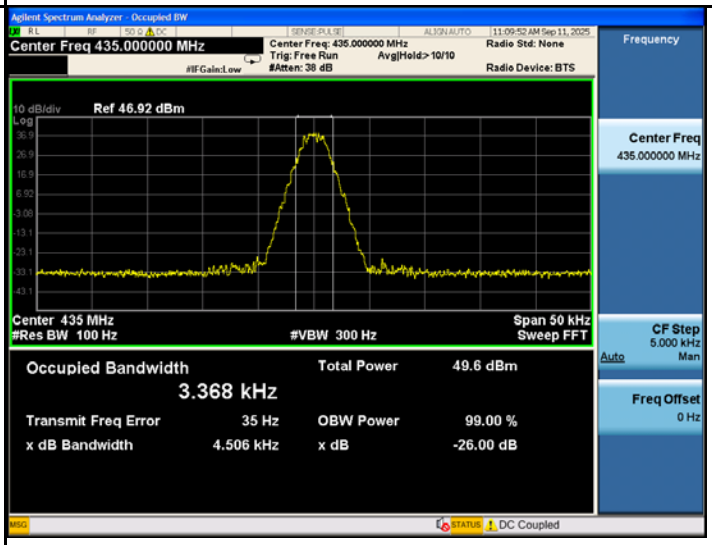
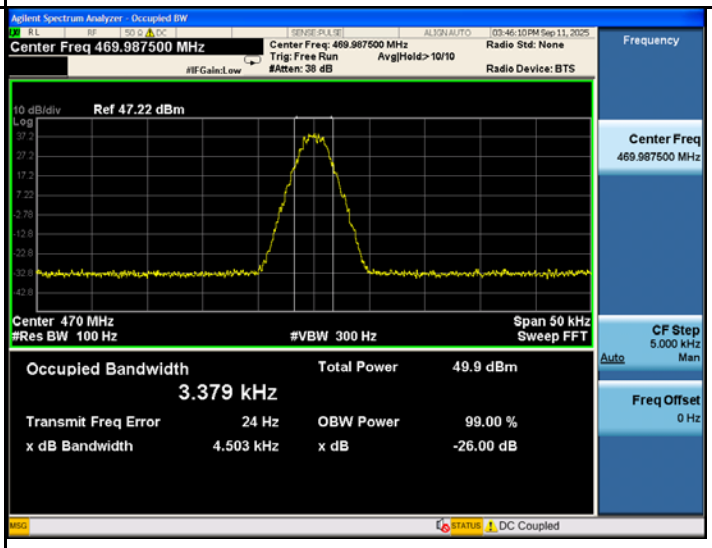
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-NXDNH	4FSK	CH_L	3.362	4.426	≤6.00	PASS
TX-NXDNH	4FSK	CH_M	3.374	4.505	≤6.00	PASS
TX-NXDNH	4FSK	CH_H	3.324	4.467	≤6.00	PASS
TX-NXDNL	4FSK	CH_L	3.356	4.480	≤6.00	PASS
TX-NXDNL	4FSK	CH_M	3.368	4.506	≤6.00	PASS
TX-NXDNL	4FSK	CH_H	3.379	4.503	≤6.00	PASS
TX-DNH	4FSK	CH_L	7.222	9.335	≤11.25	PASS
TX-DNH	4FSK	CH_M	7.290	9.332	≤11.25	PASS
TX-DNH	4FSK	CH_H	7.323	9.359	≤11.25	PASS
TX-DNL	4FSK	CH_L	7.273	9.318	≤11.25	PASS
TX-DNL	4FSK	CH_M	7.289	9.332	≤11.25	PASS
TX-DNL	4FSK	CH_H	7.321	9.327	≤11.25	PASS
TX-ANH	FM	CH_L	9.958	10.150	≤11.25	PASS
TX-ANH	FM	CH_M	9.968	10.160	≤11.25	PASS
TX-ANH	FM	CH_H	9.970	10.160	≤11.25	PASS
TX-ANL	FM	CH_L	9.963	10.160	≤11.25	PASS
TX-ANL	FM	CH_M	9.969	10.160	≤11.25	PASS
TX-ANL	FM	CH_H	9.971	10.160	≤11.25	PASS

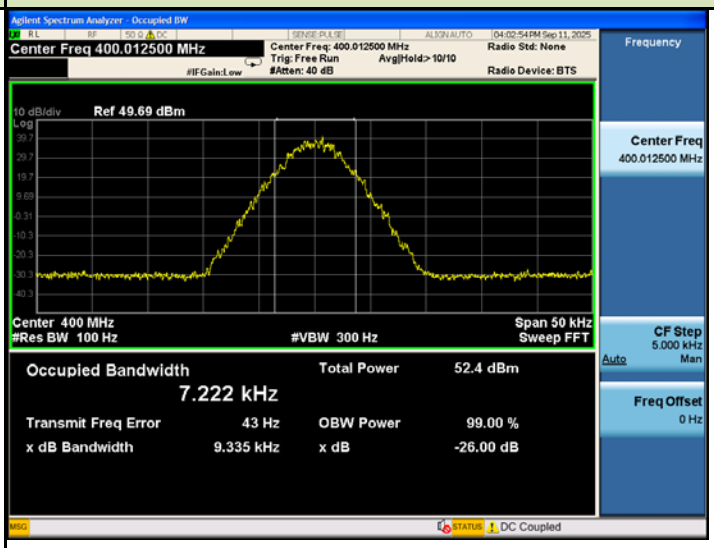
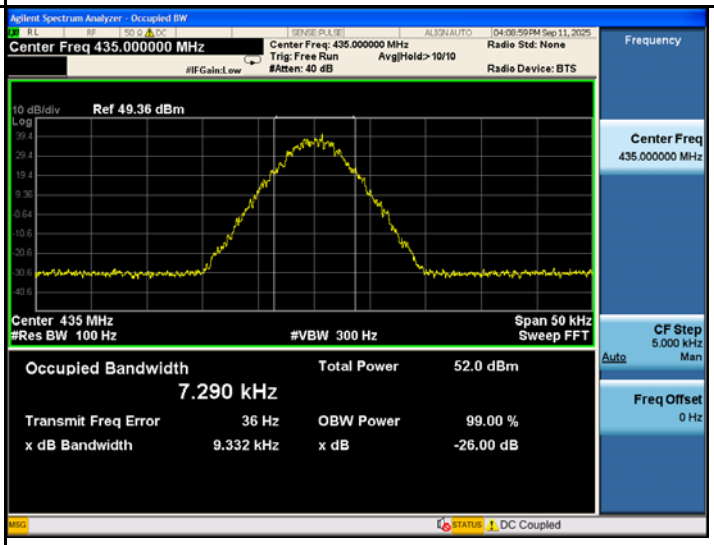
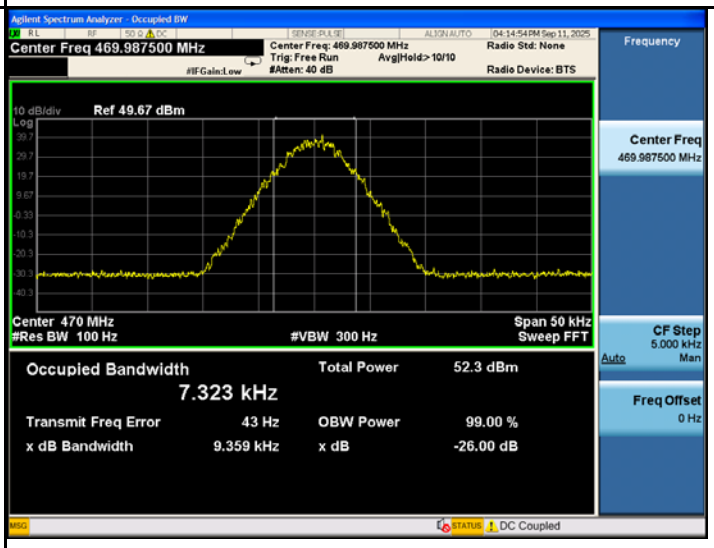
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNH	4FSK	CHL	
TX-NXDNH	4FSK	CHM	
TX-NXDNH	4FSK	CHH	

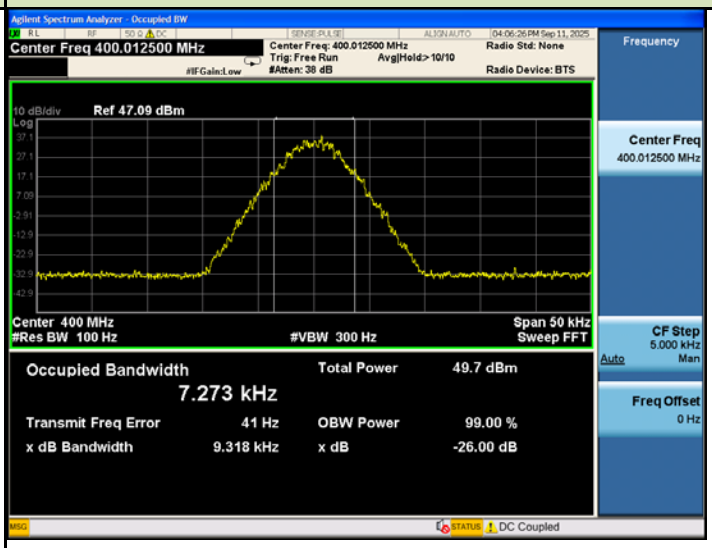
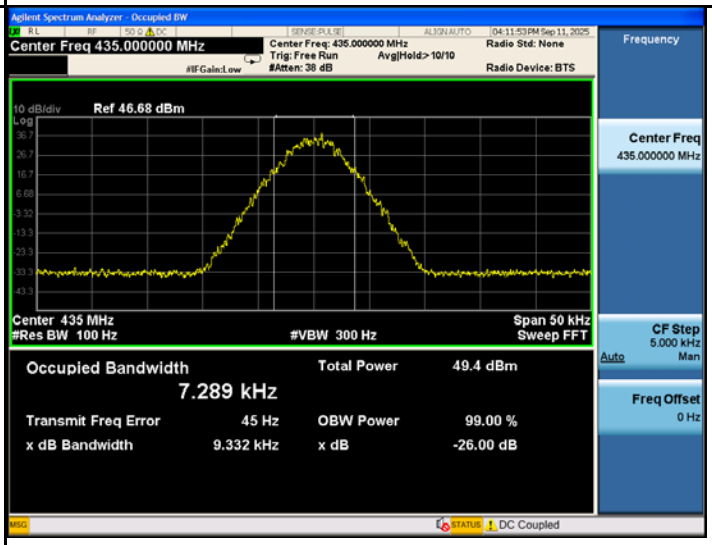
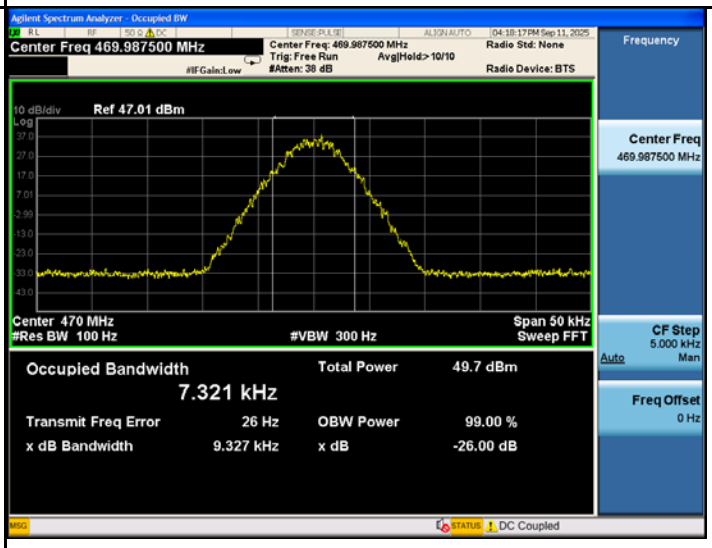
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNL	4FSK	CHL	
TX-NXDNL	4FSK	CHM	
TX-NXDNL	4FSK	CHH	

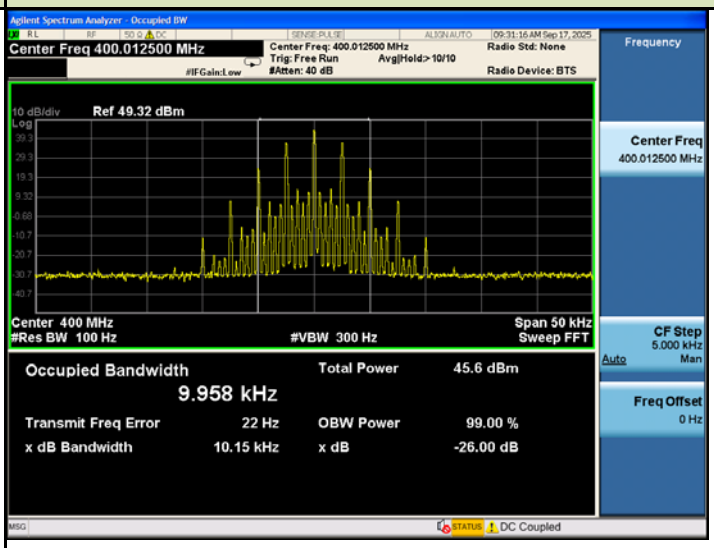
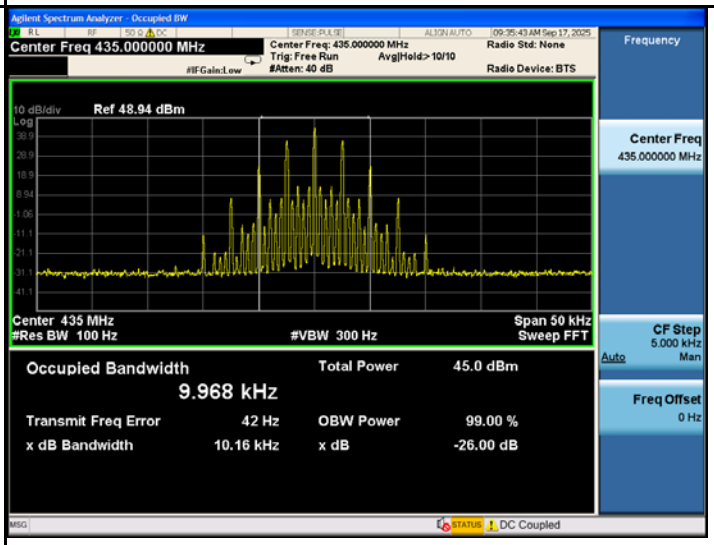
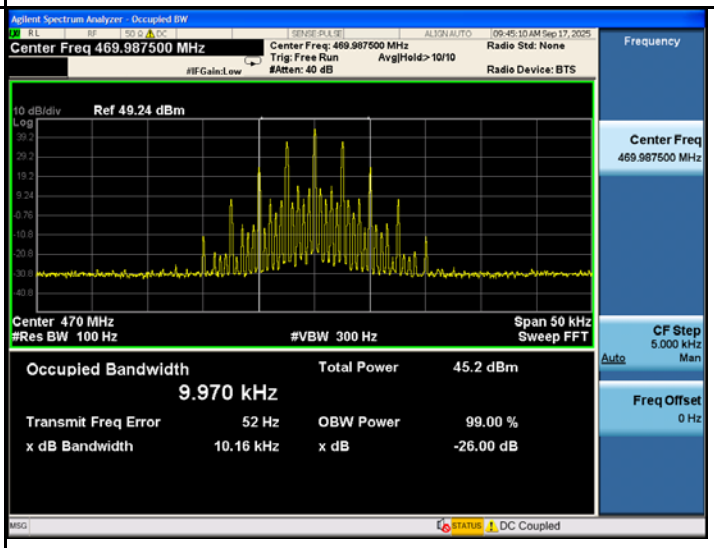
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH_L	
TX-DNH	4FSK	CH_M	
TX-DNH	4FSK	CH_H	

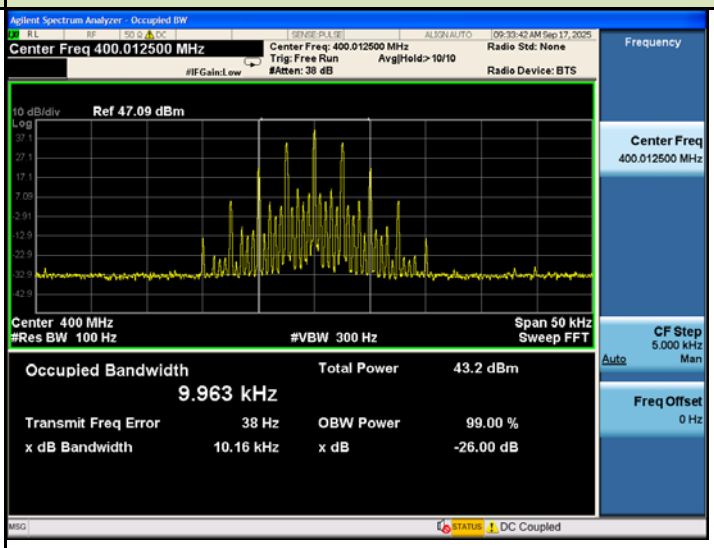
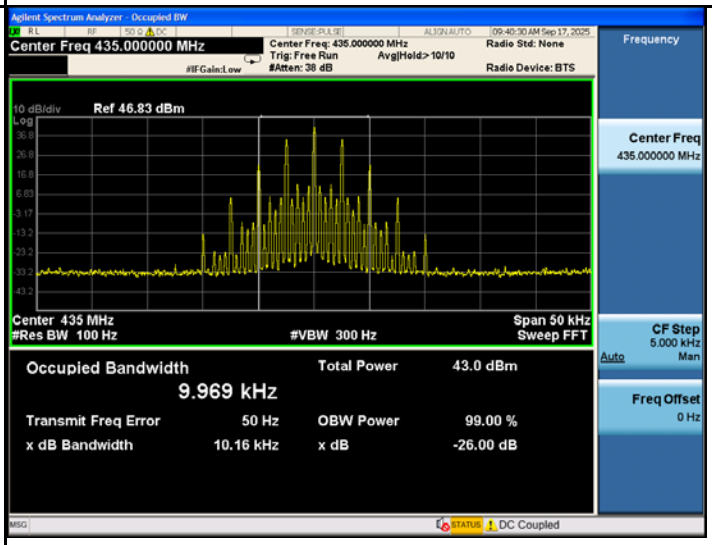
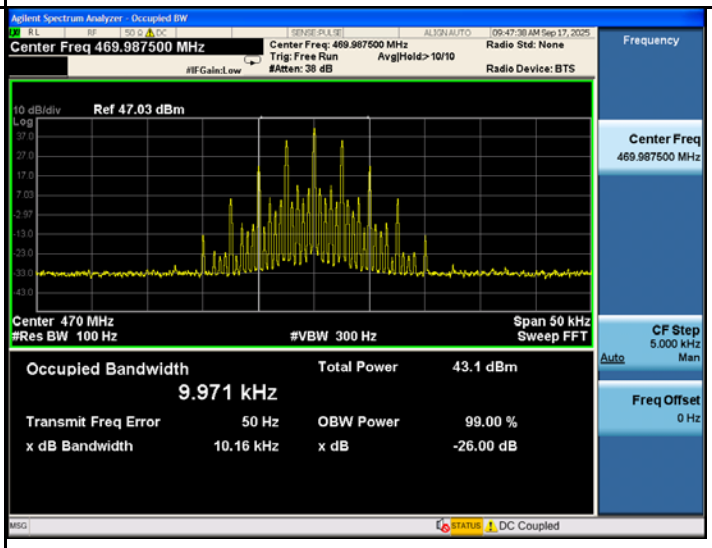
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH_L	
TX-DNL	4FSK	CH_M	
TX-DNL	4FSK	CH_H	

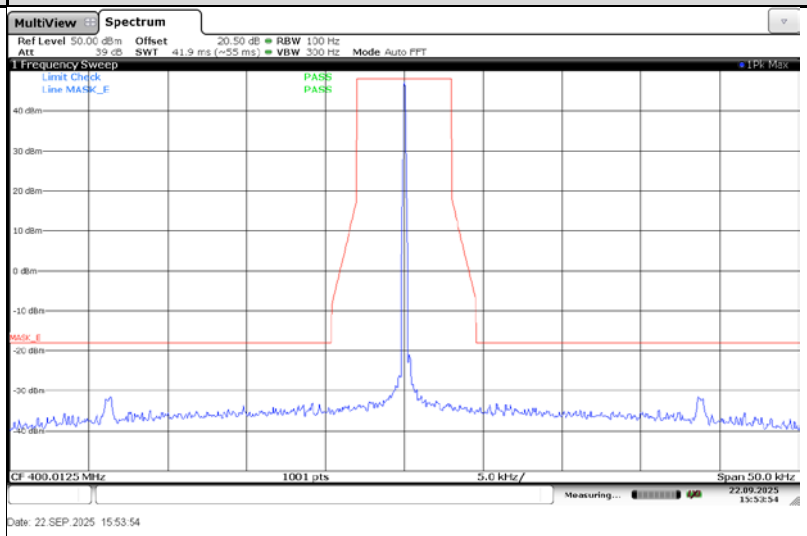
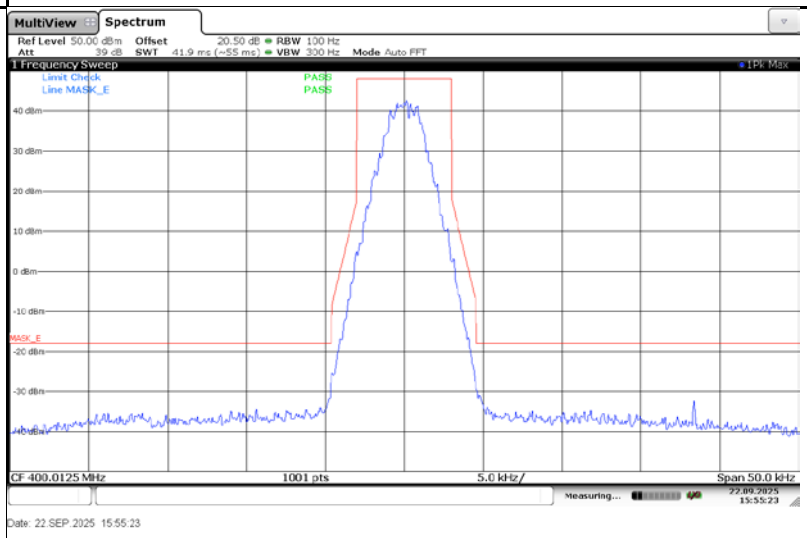
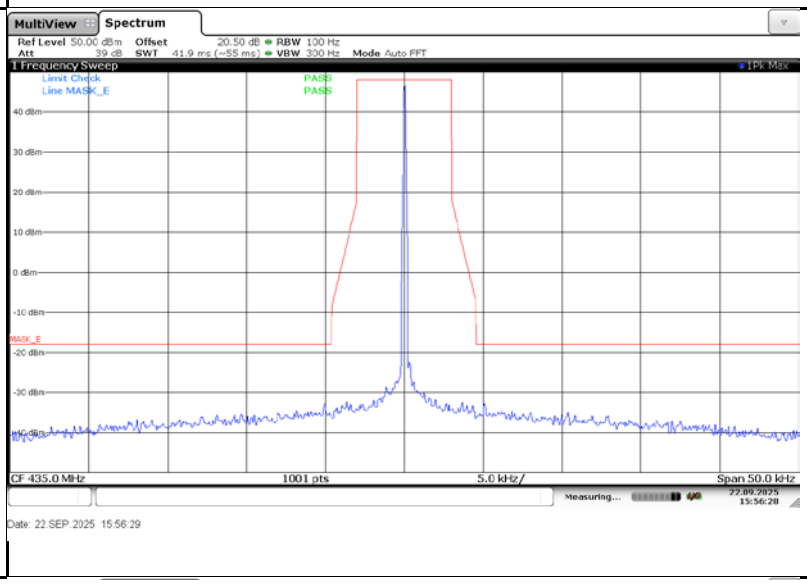
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH_L	
TX-ANH	FM	CH_M	
TX-ANH	FM	CH_H	

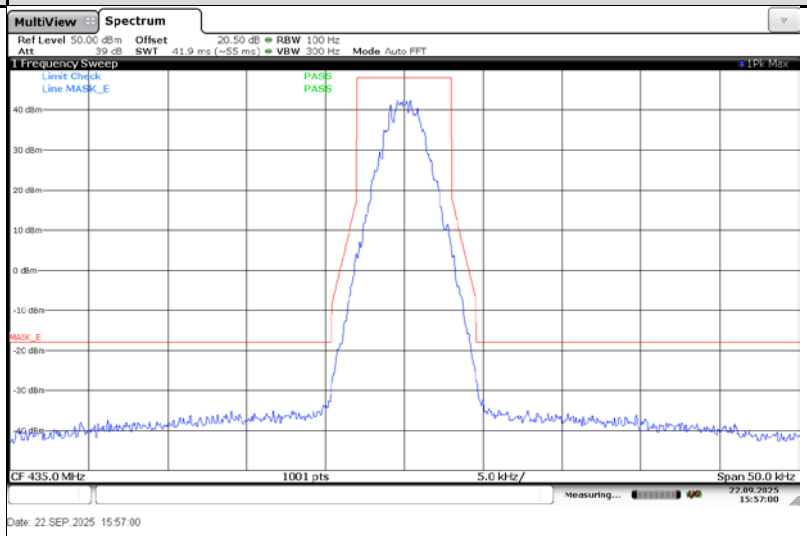
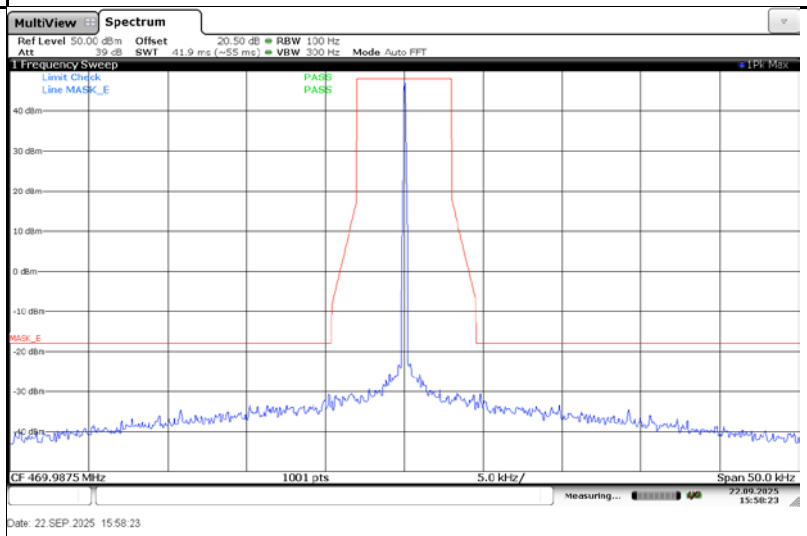
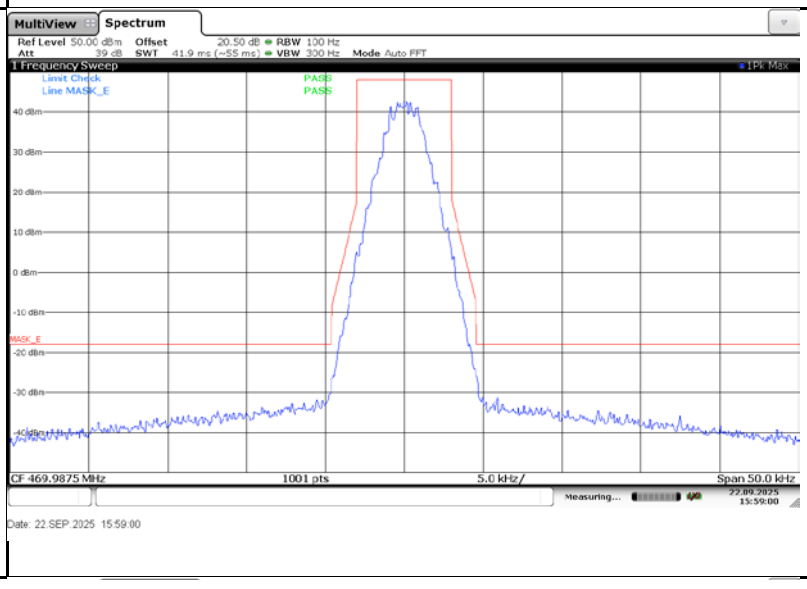
Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH_L	
TX-ANL	FM	CH_M	
TX-ANL	FM	CH_H	

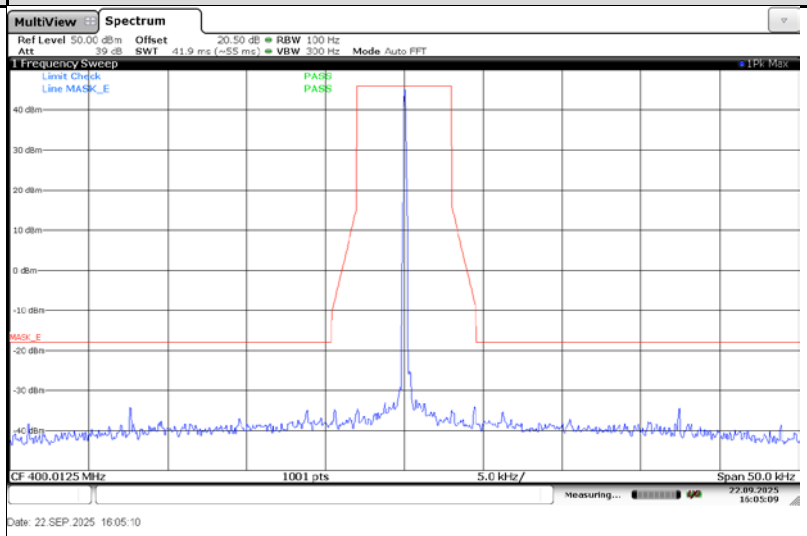
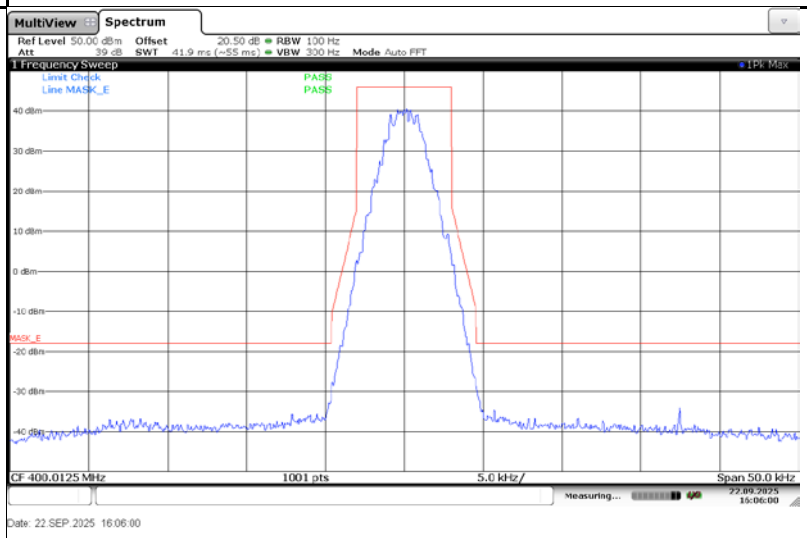
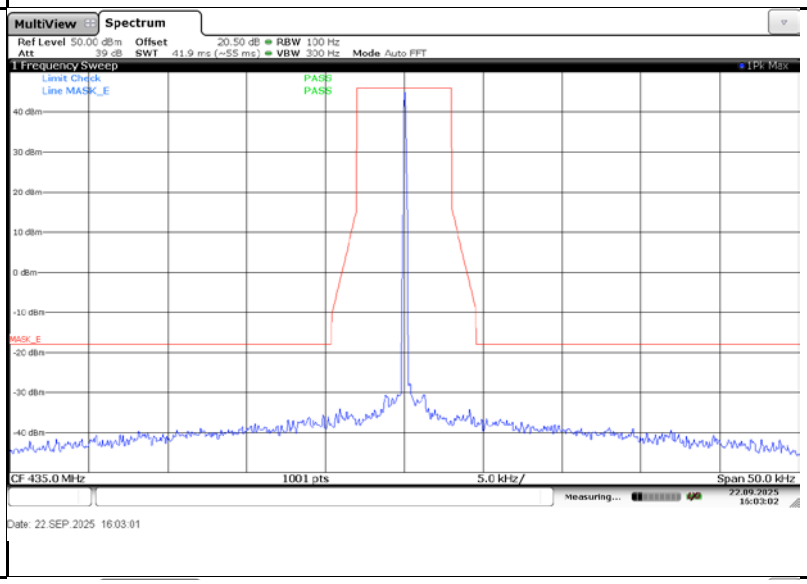
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNH	4FSK	CH_L	
TX-NXDNH	4FSK	CH_L	
TX-NXDNH	4FSK	CH_M	

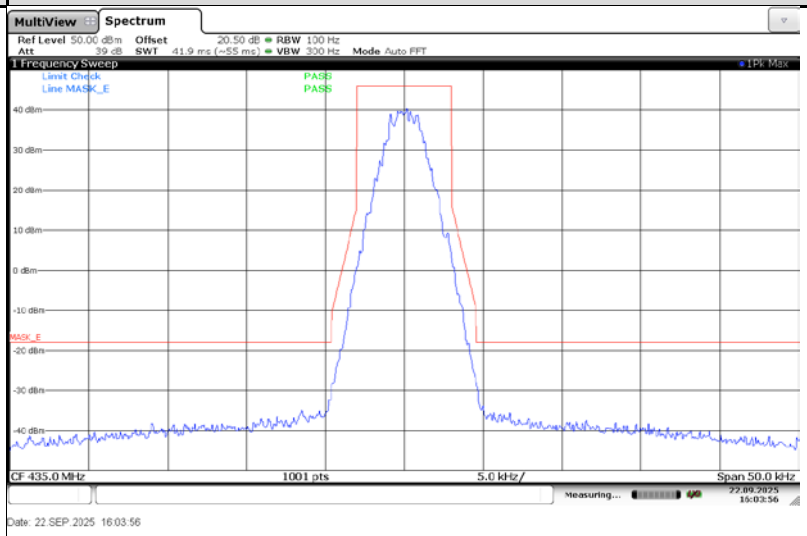
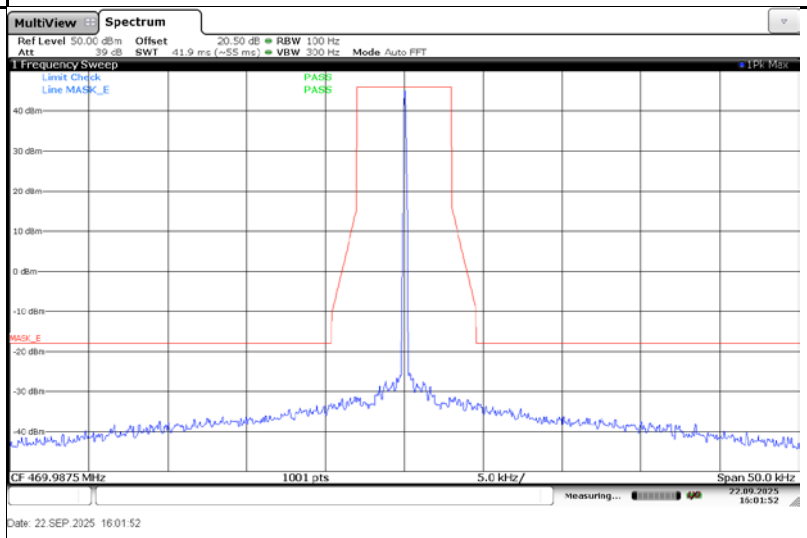
Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNH	4FSK	CH_M	
TX-NXDNH	4FSK	CH_H	
TX-NXDNH	4FSK	CH_H	

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNL	4FSK	CH_L	
TX-NXDNL	4FSK	CH_L	
TX-NXDNL	4FSK	CH_M	

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-NXDNL	4FSK	CH_M	
TX-NXDNL	4FSK	CH_H	
TX-NXDNL	4FSK	CH_H