

Project No.	SHT2507097102W		
Test sample No.	YPHT25070257002	Model No.	MateTalk E2
Start date.	2025/8/11	Start date.	2025/8/12
Temperature	25.1℃	Humidity	45%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhu

Appendix clause	Test Item	Test date (M/D)	Test Result (PASS/FAIL)
A	Maximum Transmitter Power	8/12	PASS
B	Occupied Bandwidth	8/11	PASS
C	Emission Mask	8/11	PASS
D	Modulation Limit	8/11	PASS
E	Audio Frequency Response	8/11	PASS
F	Frequency Stability Test & Temperature	8/11	PASS
G	Frequency Stability Test & Voltage	8/11	PASS
H	Transmitter Frequency Behavior	8/11	PASS
I	Spurious Emission On Antenna Port	8/11	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-DNH	4FSK	CH _L	33.30	2.14	2.00	7.00	±20	PASS
TX-DNH	4FSK	CH _M	33.40	2.19	2.00	9.50	±20	PASS
TX-DNH	4FSK	CH _H	33.10	2.04	2.00	2.00	±20	PASS
TX-DNL	4FSK	CH _L	30.60	1.15	1.00	15.00	±20	PASS
TX-DNL	4FSK	CH _M	30.70	1.17	1.00	17.00	±20	PASS
TX-DNL	4FSK	CH _H	30.50	1.12	1.00	12.00	±20	PASS
TX-ANH	FM	CH _L	33.10	2.04	2.00	2.00	±20	PASS
TX-ANH	FM	CH _M	33.22	2.10	2.00	5.00	±20	PASS
TX-ANH	FM	CH _H	33.12	2.05	2.00	2.50	±20	PASS
TX-ANL	FM	CH _L	30.60	1.15	1.00	15.00	±20	PASS
TX-ANL	FM	CH _M	30.62	1.15	1.00	15.00	±20	PASS
TX-ANL	FM	CH _H	30.62	1.15	1.00	15.00	±20	PASS

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	Occupied Bandwidth		99% Limit(kHz)	Result
			99%(kHz)	26dB(kHz)		
TX-DNH	4FSK	CH _L	7.09	8.51	≤11.25	PASS
TX-DNH	4FSK	CH _M	7.21	8.68	≤11.25	PASS
TX-DNH	4FSK	CH _H	7.00	8.61	≤11.25	PASS
TX-DNL	4FSK	CH _L	7.07	8.88	≤11.25	PASS
TX-DNL	4FSK	CH _M	6.98	8.32	≤11.25	PASS
TX-DNL	4FSK	CH _H	6.92	8.54	≤11.25	PASS
TX-ANH	FM	CH _L	5.23	10.12	≤11.25	PASS
TX-ANH	FM	CH _M	5.21	10.12	≤11.25	PASS
TX-ANH	FM	CH _H	5.22	10.12	≤11.25	PASS
TX-ANL	FM	CH _L	5.20	10.12	≤11.25	PASS
TX-ANL	FM	CH _M	5.22	10.12	≤11.25	PASS
TX-ANL	FM	CH _H	5.22	10.12	≤11.25	PASS

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Ref 36.34 dBm Occupied Bandwidth 7.092 kHz Total Power 38.9 dBm Transmit Freq Error 111 Hz OBW Power 99.00 % x dB Bandwidth 8.506 kHz x dB -26.00 dB
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 435.000000 MHz Ref 35.77 dBm Occupied Bandwidth 7.205 kHz Total Power 37.9 dBm Transmit Freq Error 36 Hz OBW Power 99.00 % x dB Bandwidth 8.684 kHz x dB -26.00 dB
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Ref 35.58 dBm Occupied Bandwidth 6.998 kHz Total Power 38.1 dBm Transmit Freq Error 63 Hz OBW Power 99.00 % x dB Bandwidth 8.613 kHz x dB -26.00 dB

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNL	4FSK	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.02 dBm Center 400 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 7.069 kHz Total Power 36.4 dBm Transmit Freq Error -56 Hz OBW Power 99.00 % x dB Bandwidth 8.882 kHz x dB -26.00 dB Frequency Center Freq 400.012500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-DNL	4FSK	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 33.10 dBm Center 435 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 6.978 kHz Total Power 35.7 dBm Transmit Freq Error 33 Hz OBW Power 99.00 % x dB Bandwidth 8.315 kHz x dB -26.00 dB Frequency Center Freq 435.000000 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-DNL	4FSK	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 33.31 dBm Center 470 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 6.924 kHz Total Power 36.1 dBm Transmit Freq Error 60 Hz OBW Power 99.00 % x dB Bandwidth 8.537 kHz x dB -26.00 dB Frequency Center Freq 469.987500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANH	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 36.45 dBm Center 400 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.232 kHz Total Power 32.3 dBm Transmit Freq Error 43 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency Center Freq 400.012500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-ANH	FM	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 35.82 dBm Center 435 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.207 kHz Total Power 32.1 dBm Transmit Freq Error 32 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency Center Freq 435.000000 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-ANH	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 36.09 dBm Center 470 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.218 kHz Total Power 32.4 dBm Transmit Freq Error 32 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency Center Freq 469.987500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled

Appendix B:Occupied Bandwidth

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-ANL	FM	CH _L	Agilent Spectrum Analyzer - Occupied BW Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 34.22 dBm Center 400 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.202 kHz Total Power 30.4 dBm Transmit Freq Error 29 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 400.012500 MHz Center Freq 400.012500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-ANL	FM	CH _M	Agilent Spectrum Analyzer - Occupied BW Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 33.41 dBm Center 435 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.215 kHz Total Power 30.0 dBm Transmit Freq Error 32 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 435.000000 MHz Center Freq 435.000000 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled
TX-ANL	FM	CH _H	Agilent Spectrum Analyzer - Occupied BW Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 33.45 dBm Center 470 MHz #Res BW 100 Hz #VBW 300 Hz Span 50 kHz Sweep FFT Occupied Bandwidth 5.215 kHz Total Power 30.1 dBm Transmit Freq Error 28 Hz OBW Power 99.00 % x dB Bandwidth 10.12 kHz x dB -26.00 dB Frequency 469.987500 MHz Center Freq 469.987500 MHz CF Step 5.000 kHz Man Freq Offset 0 Hz Auto STATUS DC Coupled

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:02:26 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log Center 400 MHz Span 120 kHz Total Power Ref 33.35 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.80</td><td>(-1.07)</td><td>0.0</td><td>32.80</td><td>(-1.07)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.21</td><td>(-7.64)</td><td>-12.50 k</td><td>-44.69</td><td>(-7.12)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.42</td><td>(-20.42)</td><td>-15.95 k</td><td>-40.34</td><td>(-20.34)</td><td>16.00 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: File <MASK D.state> recalled STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	32.80	(-1.07)	0.0	32.80	(-1.07)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.21	(-7.64)	-12.50 k	-44.69	(-7.12)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.42	(-20.42)	-15.95 k	-40.34	(-20.34)	16.00 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	32.80	(-1.07)	0.0	32.80	(-1.07)	0.0																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _L	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:02:22 AM Aug 11, 2025 Center Freq 400.012500 MHz Center Freq: 400.012500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log Center 400 MHz Span 120 kHz Total Power Ref 35.63 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>23.84</td><td>(-10.03)</td><td>-1.100 k</td><td>25.96</td><td>(-7.91)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.78</td><td>(-3.78)</td><td>-12.15 k</td><td>-40.79</td><td>(-3.22)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.35</td><td>(-19.35)</td><td>-12.65 k</td><td>-38.06</td><td>(-18.06)</td><td>14.10 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: STATUS Frequency Center Freq 400.012500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	23.84	(-10.03)	-1.100 k	25.96	(-7.91)	700.0	5.625 kHz	12.50 kHz	100.0 Hz	-38.78	(-3.78)	-12.15 k	-40.79	(-3.22)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-39.35	(-19.35)	-12.65 k	-38.06	(-18.06)	14.10 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	23.84	(-10.03)	-1.100 k	25.96	(-7.91)	700.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-38.78	(-3.78)	-12.15 k	-40.79	(-3.22)	12.50 k																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:06:43 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 37.0 dBm 10 dB/div Log Center 435 MHz Span 120 kHz Total Power Ref 32.87 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.32</td><td>(-1.09)</td><td>0.0</td><td>32.32</td><td>(-1.09)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.35</td><td>(-7.68)</td><td>-12.45 k</td><td>-42.63</td><td>(-7.88)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.89</td><td>(-21.89)</td><td>-16.75 k</td><td>-41.49</td><td>(-21.49)</td><td>16.80 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: File <MASK D.state> recalled STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	32.32	(-1.09)	0.0	32.32	(-1.09)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-45.35	(-7.68)	-12.45 k	-42.63	(-7.88)	12.05 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.89	(-21.89)	-16.75 k	-41.49	(-21.49)	16.80 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	32.32	(-1.09)	0.0	32.32	(-1.09)	0.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-45.35	(-7.68)	-12.45 k	-42.63	(-7.88)	12.05 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-41.89	(-21.89)	-16.75 k	-41.49	(-21.49)	16.80 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-DNH	4FSK	CH _M	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:09:30 AM Aug 11, 2025 Center Freq 435.000000 MHz Center Freq: 435.000000 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 37.0 dBm 10 dB/div Log 27.0 7.00 13.0 23.0 33.0 43.0 53.0 Center 435 MHz Span 120 kHz Total Power Ref 35.56 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBrn</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>21.95</td><td>(-11.47)</td><td>950.0</td><td>23.87</td><td>(-9.55)</td><td>750.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.70</td><td>(-1.68)</td><td>12.50 k</td><td>-40.00</td><td>(-3.80)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.12</td><td>(-21.12)</td><td>12.50 k</td><td>-38.59</td><td>(-18.59)</td><td>12.95 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: File <Temp.png> saved STATUS Frequency Center Freq 435.000000 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	21.95	(-11.47)	950.0	23.87	(-9.55)	750.0	5.625 kHz	12.50 kHz	100.0 Hz	-39.70	(-1.68)	12.50 k	-40.00	(-3.80)	12.25 k	12.50 kHz	60.00 kHz	100.0 Hz	-41.12	(-21.12)	12.50 k	-38.59	(-18.59)	12.95 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)																																																										
0.0 Hz	5.625 kHz	100.0 Hz	21.95	(-11.47)	950.0	23.87	(-9.55)	750.0																																																										
5.625 kHz	12.50 kHz	100.0 Hz	-39.70	(-1.68)	12.50 k	-40.00	(-3.80)	12.25 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-41.12	(-21.12)	12.50 k	-38.59	(-18.59)	12.95 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:14:20 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log 28.0 8.00 18.0 28.0 38.0 48.0 58.0 Center 470 MHz Span 120 kHz Total Power Ref 32.49 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBrn</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.88</td><td>(-1.71)</td><td>0.0</td><td>31.89</td><td>(-1.71)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.30</td><td>(-5.92)</td><td>-12.30 k</td><td>-41.99</td><td>(-4.88)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.76</td><td>(-20.76)</td><td>-13.70 k</td><td>-41.57</td><td>(-21.57)</td><td>13.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: File <MASK D.state> recalled STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.88	(-1.71)	0.0	31.89	(-1.71)	50.00	5.625 kHz	12.50 kHz	100.0 Hz	-42.30	(-5.92)	-12.30 k	-41.99	(-4.88)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.76	(-20.76)	-13.70 k	-41.57	(-21.57)	13.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
TX-DNH	4FSK	CH _H	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 10:15:09 AM Aug 11, 2025 Center Freq 469.987500 MHz Center Freq: 469.987500 MHz Radio Std: None PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 10 #Atten: 40 dB Radio Device: BTS Ref Offset 21 dB Ref 38.0 dBm 10 dB/div Log 28.0 8.00 18.0 28.0 38.0 48.0 58.0 Center 470 MHz Span 120 kHz Total Power Ref 34.79 dBm @ 0.125 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBrn</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>20.87</td><td>(-12.73)</td><td>-200.0</td><td>24.55</td><td>(-9.05)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.14</td><td>(-4.85)</td><td>-12.15 k</td><td>-40.91</td><td>(-3.43)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.62</td><td>(-20.62)</td><td>-17.10 k</td><td>-38.40</td><td>(-18.40)</td><td>12.75 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table> MSO: File <Temp.png> saved STATUS Frequency Center Freq 469.987500 MHz CF Step 12.000 kHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	20.87	(-12.73)	-200.0	24.55	(-9.05)	550.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.14	(-4.85)	-12.15 k	-40.91	(-3.43)	12.45 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.62	(-20.62)	-17.10 k	-38.40	(-18.40)	12.75 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBrn	Upper ΔLim(dB)	Freq (Hz)																																																										
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4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										