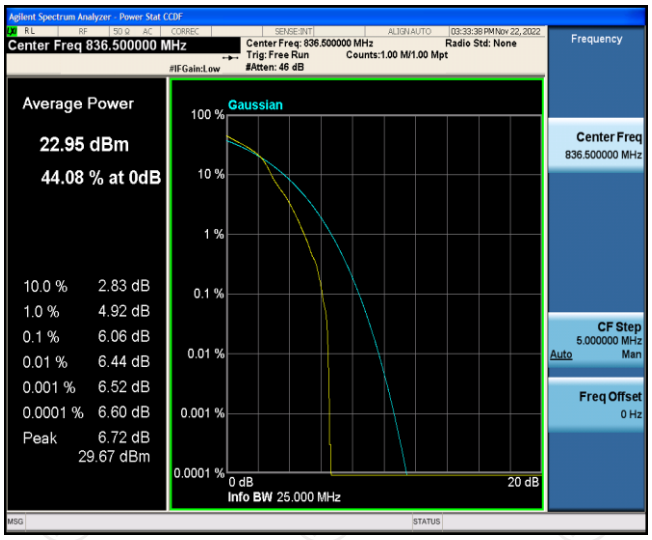
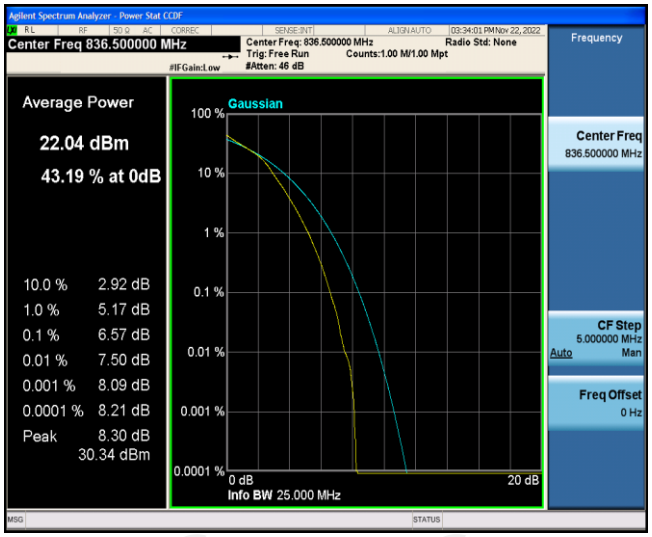
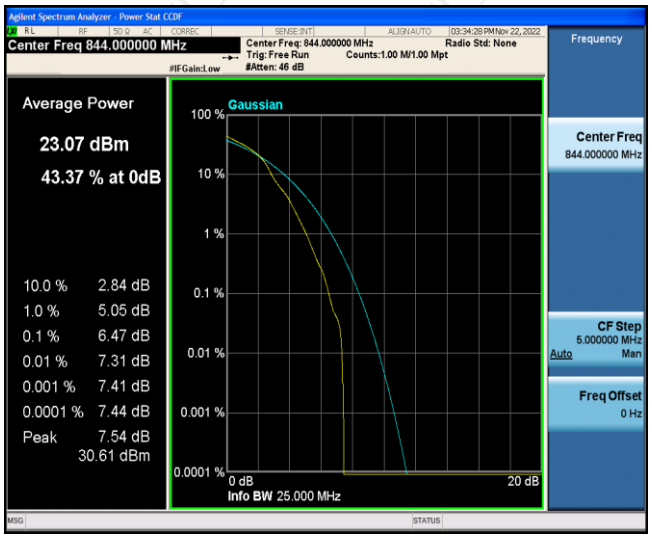


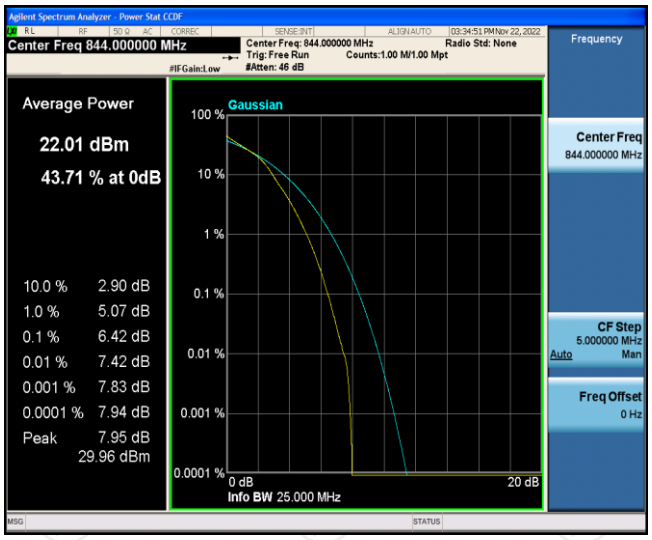
Band26-10MHz-16QAM-26915-50RB#0



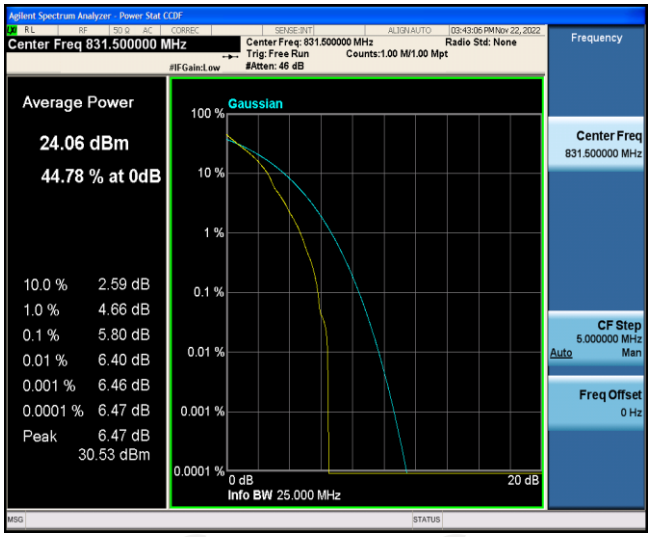
Band26-10MHz-16QAM-26990-1RB#0



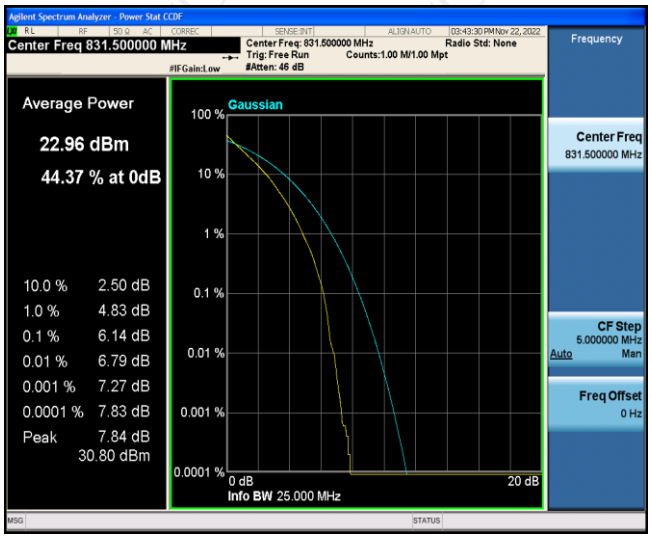
Band26-10MHz-16QAM-26990-50RB#0



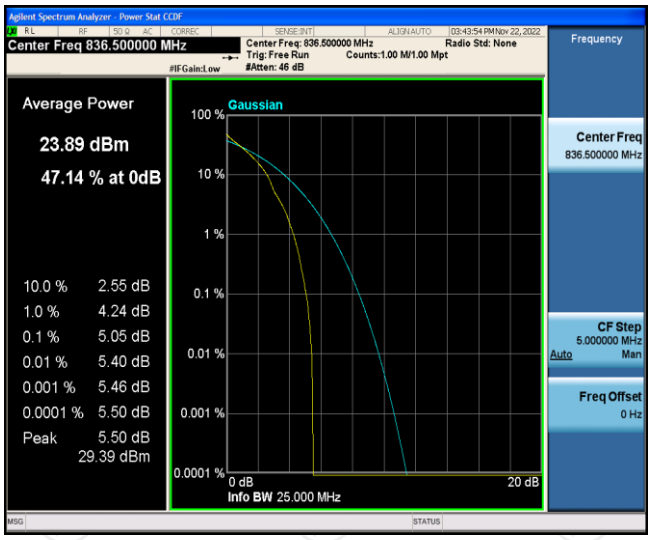
Band26-15MHz-QPSK-26865-1RB#0



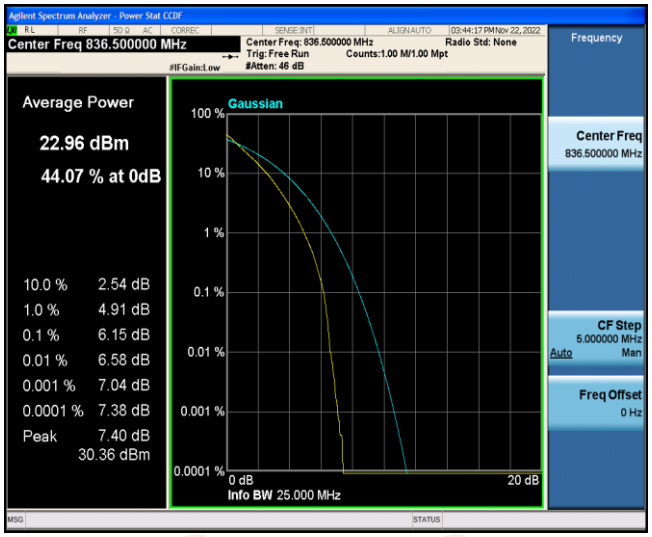
Band26-15MHz-QPSK-26865-75RB#0



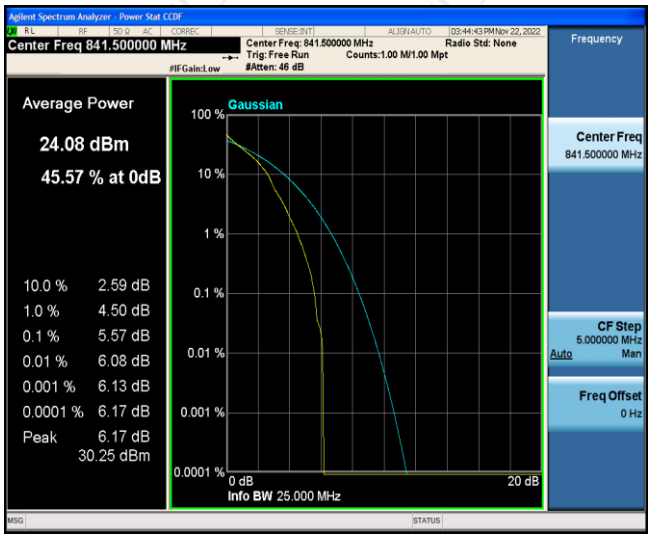
Band26-15MHz-QPSK-26915-1RB#0



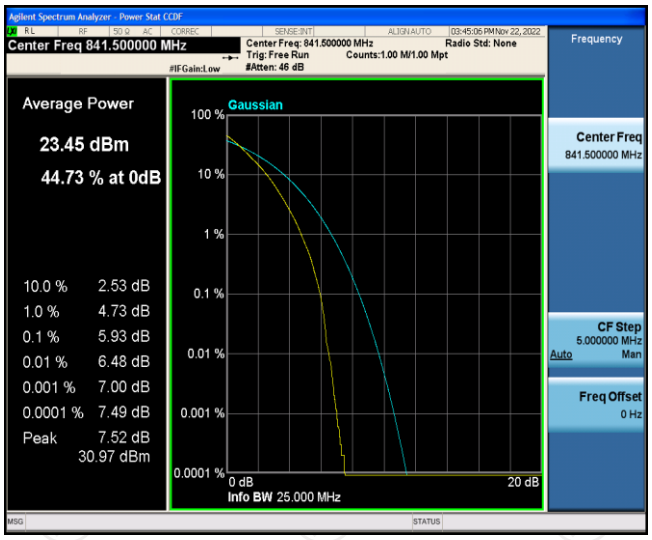
Band26-15MHz-QPSK-26915-75RB#0



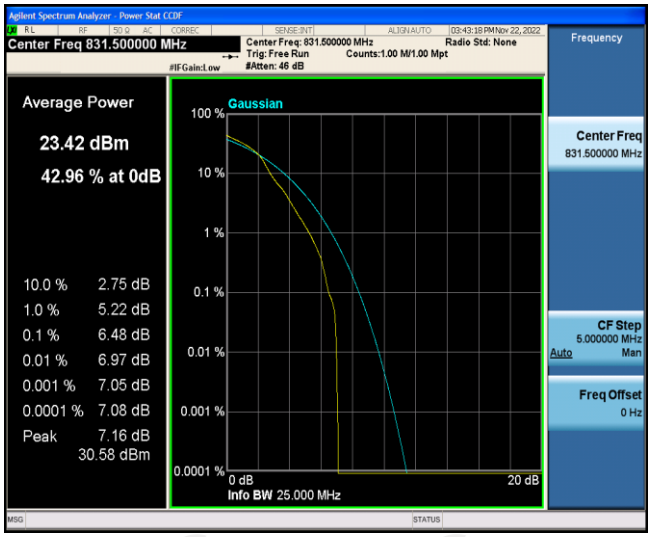
Band26-15MHz-QPSK-26965-1RB#0



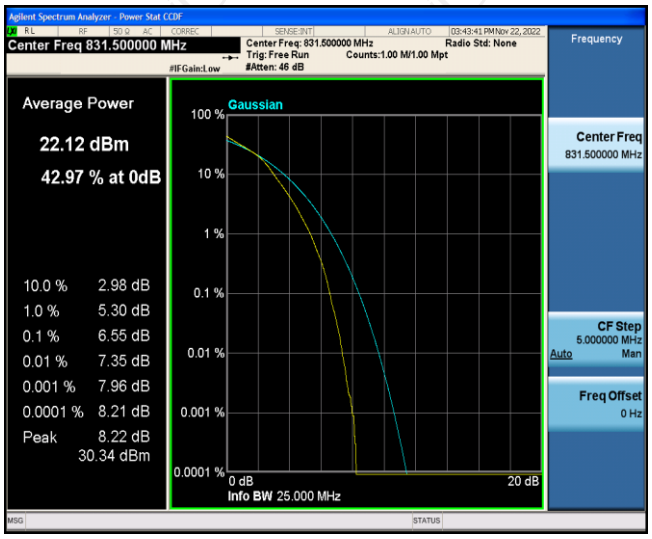
Band26-15MHz-QPSK-26965-75RB#0



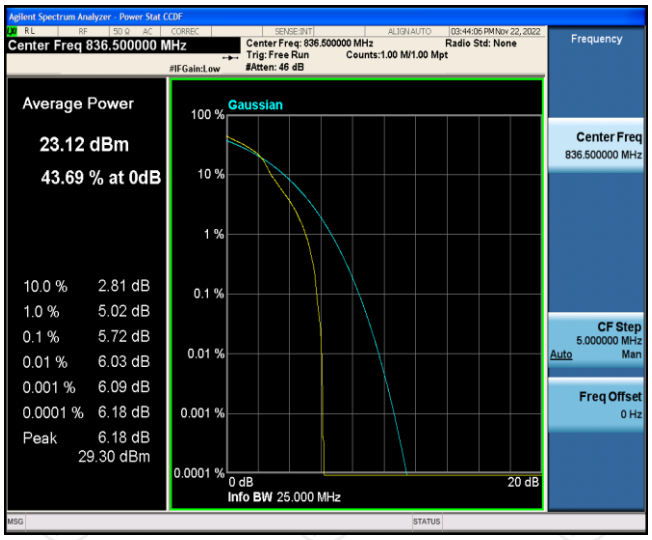
Band26-15MHz-16QAM-26865-1RB#0



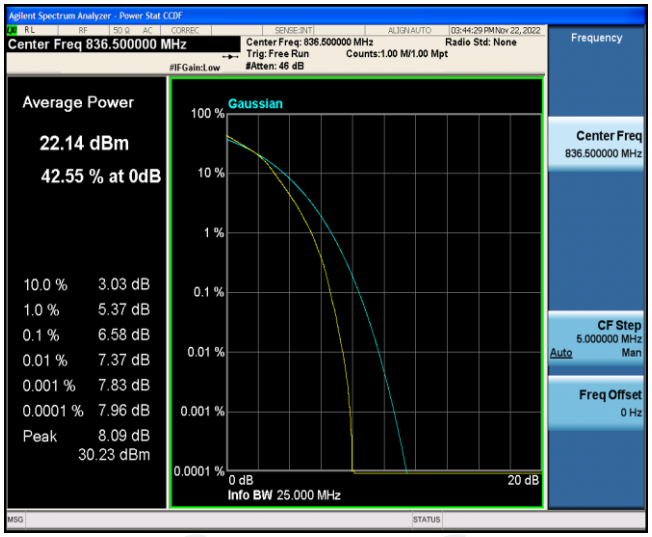
Band26-15MHz-16QAM-26865-75RB#0



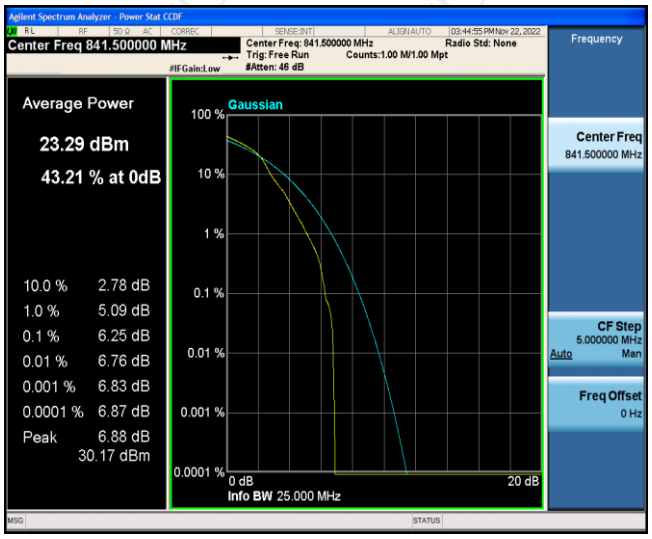
Band26-15MHz-16QAM-26915-1RB#0



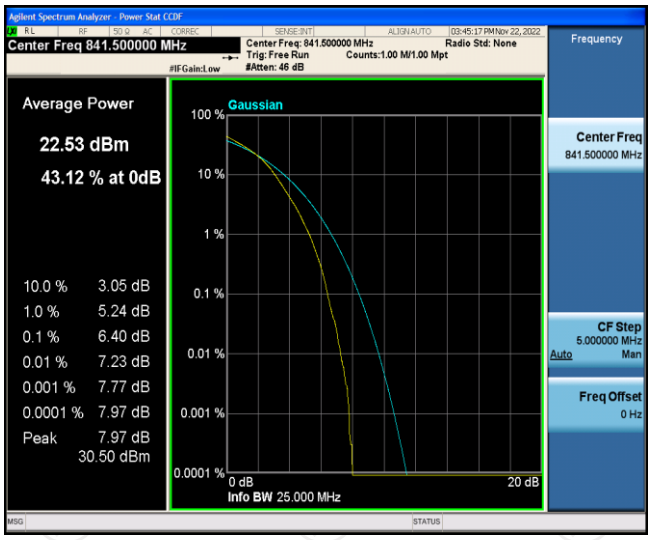
Band26-15MHz-16QAM-26915-75RB#0



Band26-15MHz-16QAM-26965-1RB#0



Band26-15MHz-16QAM-26965-75RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 841.500000 MHz
Center Freq: 841.500000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
22.53 dBm
43.12 % at 0dB
10.0 % 3.05 dB
1.0 % 5.24 dB
0.1 % 6.40 dB
0.01 % 7.23 dB
0.001 % 7.77 dB
0.0001 % 7.97 dB
Peak 7.97 dB
30.50 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
841.500000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

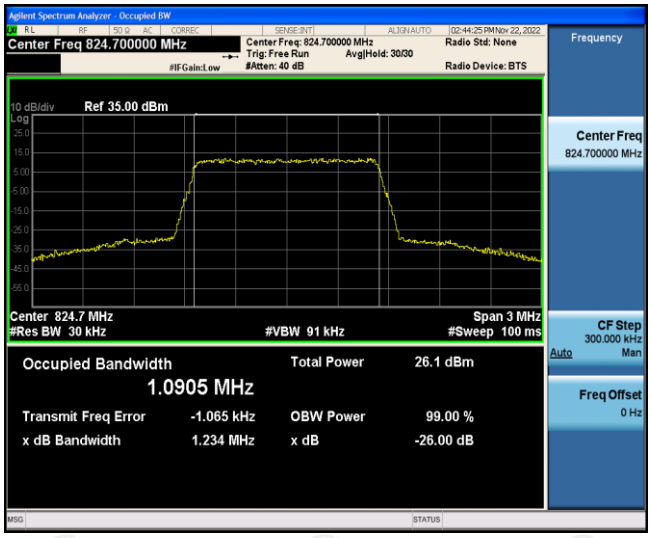
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.0905	1.234	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.0889	1.234	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.0905	1.224	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.0912	1.240	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0910	1.239	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.0900	1.236	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.6975	2.957	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.6948	2.975	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.7025	2.984	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.6906	2.973	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.6986	2.943	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6958	2.963	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.4889	4.869	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.5017	4.870	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.4945	4.903	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.4922	4.877	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.4997	4.886	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.5035	4.919	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9794	9.592	PASS
Band26	10MHz	QPSK	26915	50RB#0	9.0013	9.616	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.9834	9.570	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.9545	9.569	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.9921	9.618	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9791	9.538	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.469	14.32	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.480	14.36	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.443	14.29	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.460	14.32	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.476	14.38	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.437	14.30	PASS

Test Graphs

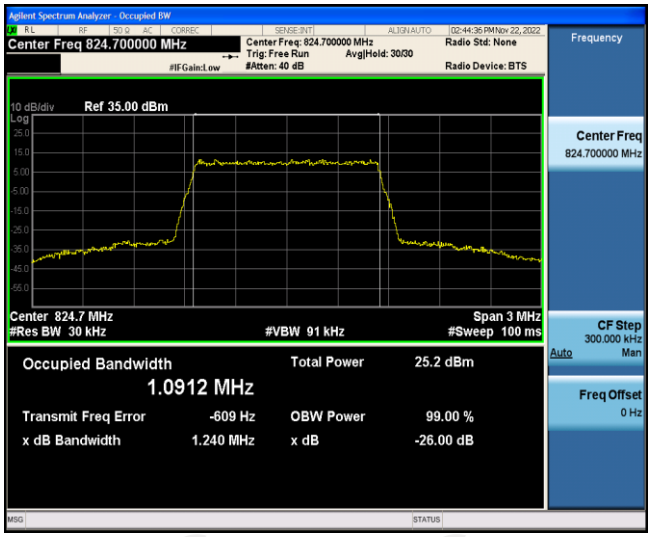
Band26-1.4MHz-QPSK-26797-6RB#0



Band26-1.4MHz-QPSK-26915-6RB#0

Band26-1.4MHz-QPSK-27033-6RB#0

Band26-1.4MHz-16QAM-26797-6RB#0



Band26-1.4MHz-16QAM-26915-6RB#0

Band26-1.4MHz-16QAM-27033-6RB#0

Band26-3MHz-QPSK-26805-15RB#0

Band26-3MHz-QPSK-26915-15RB#0

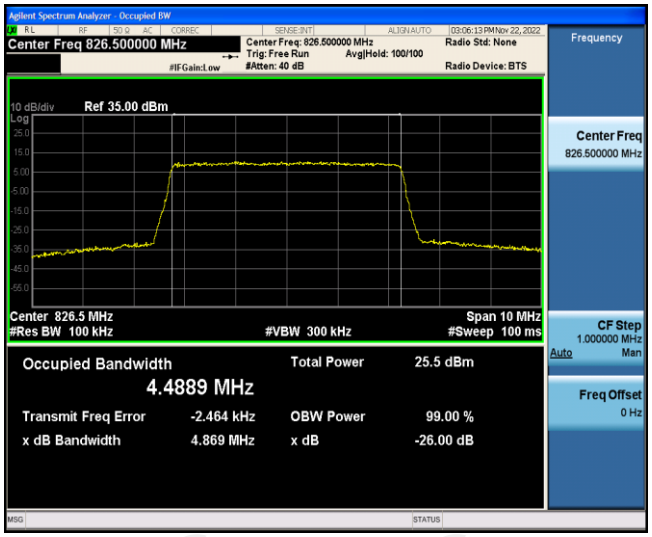
Band26-3MHz-QPSK-27025-15RB#0

Band26-3MHz-16QAM-26805-15RB#0

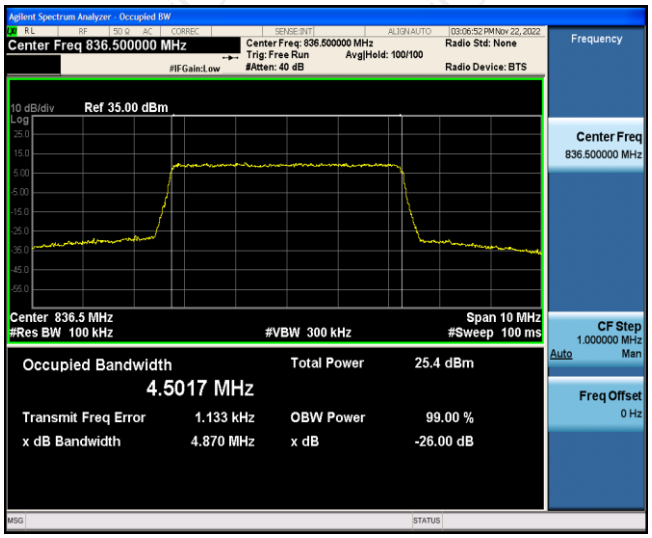
Band26-3MHz-16QAM-26915-15RB#0

Band26-3MHz-16QAM-27025-15RB#0

Band26-5MHz-QPSK-26815-25RB#0

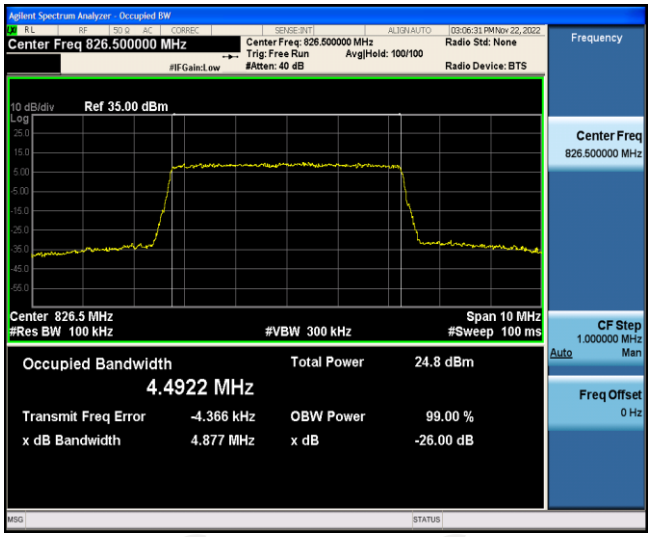


Band26-5MHz-QPSK-26915-25RB#0



Band26-5MHz-QPSK-27015-25RB#0

Band26-5MHz-16QAM-26815-25RB#0



Band26-5MHz-16QAM-26915-25RB#0

Band26-5MHz-16QAM-27015-25RB#0

Band26-10MHz-QPSK-26840-50RB#0

Band26-10MHz-QPSK-26915-50RB#0

Band26-10MHz-QPSK-26990-50RB#0

Band26-10MHz-16QAM-26840-50RB#0

Band26-10MHz-16QAM-26915-50RB#0

Band26-10MHz-16QAM-26990-50RB#0

Band26-15MHz-QPSK-26865-75RB#0

Band26-15MHz-QPSK-26915-75RB#0

Band26-15MHz-QPSK-26965-75RB#0

Band26-15MHz-16QAM-26865-75RB#0

Band26-15MHz-16QAM-26915-75RB#0

Band26-15MHz-16QAM-26965-75RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 841.500000 MHz
Center Freq: 841.500000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
03:36:04 PM Nov 22, 2022
#IFGain:Low
Frequency
10 dB/div
Ref 35.00 dBm
Log
Center Freq
841.500000 MHz
Center 841.5 MHz
#Res BW 300 kHz
#VBW 910 kHz
Span 30 MHz
#Sweep 100 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
13.437 MHz
Total Power
23.4 dBm
Transmit Freq Error
-11.261 kHz
OBW Power
99.00 %
x dB Bandwidth
14.30 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

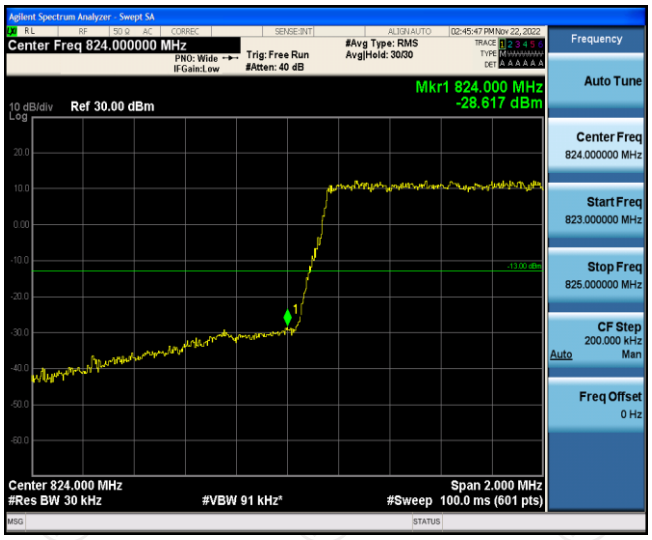
Appendix D: Band Edge

Test Result

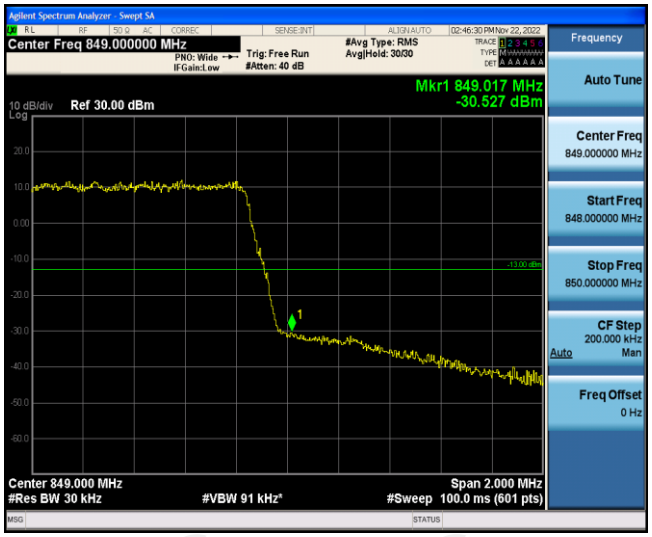
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	-28.62	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-30.53	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-29.61	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-31.61	PASS
Band26	3MHz	QPSK	26805	15RB#0	-16.91	PASS
Band26	3MHz	QPSK	27025	15RB#0	-16.54	PASS
Band26	3MHz	16QAM	26805	15RB#0	-17.50	PASS
Band26	3MHz	16QAM	27025	15RB#0	-19.07	PASS
Band26	5MHz	QPSK	26815	25RB#0	-22.35	PASS
Band26	5MHz	QPSK	27015	25RB#0	-22.57	PASS
Band26	5MHz	16QAM	26815	25RB#0	-22.27	PASS
Band26	5MHz	16QAM	27015	25RB#0	-23.64	PASS
Band26	10MHz	QPSK	26840	50RB#0	-25.99	PASS
Band26	10MHz	QPSK	26990	50RB#0	-24.69	PASS
Band26	10MHz	16QAM	26840	50RB#0	-25.90	PASS
Band26	10MHz	16QAM	26990	50RB#0	-26.25	PASS
Band26	15MHz	QPSK	26865	75RB#0	-25.07	PASS
Band26	15MHz	QPSK	26965	75RB#0	-25.48	PASS
Band26	15MHz	16QAM	26865	75RB#0	-25.51	PASS
Band26	15MHz	16QAM	26965	75RB#0	-26.31	PASS

Test Graphs

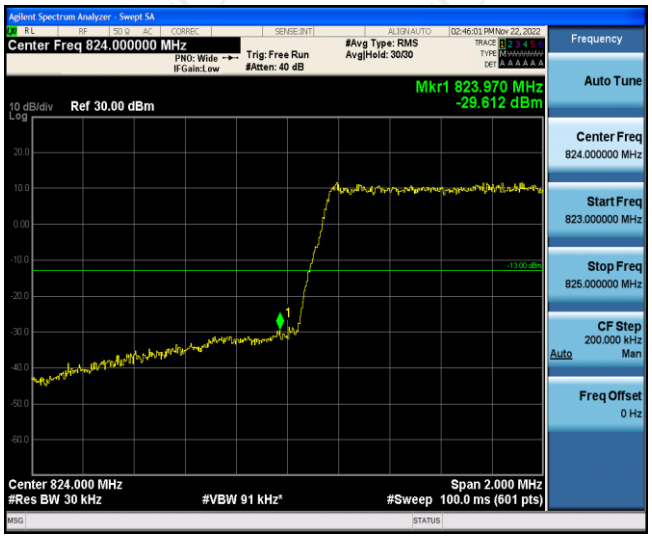
Band26-1.4MHz-QPSK-26797-6RB#0



Band26-1.4MHz-QPSK-27033-6RB#0

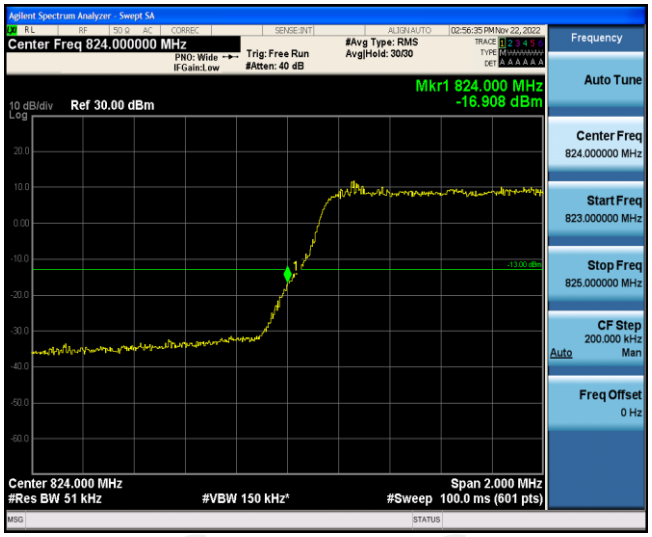


Band26-1.4MHz-16QAM-26797-6RB#0

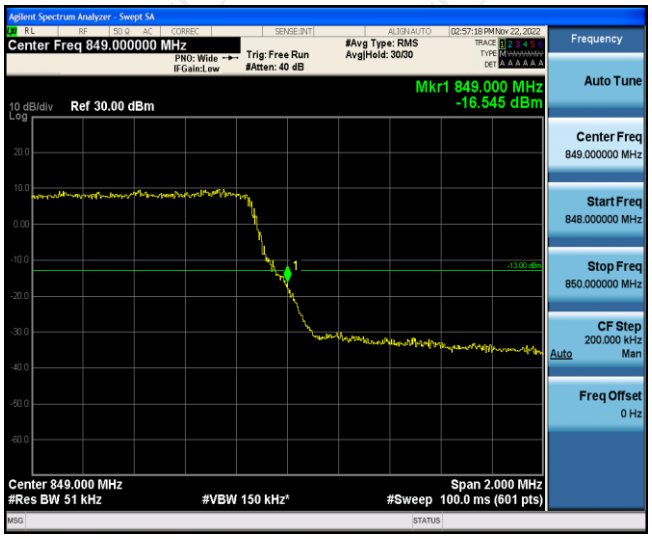


Band26-1.4MHz-16QAM-27033-6RB#0

Band26-3MHz-QPSK-26805-15RB#0



Band26-3MHz-QPSK-27025-15RB#0



Band26-3MHz-16QAM-26805-15RB#0