Appendix G: Test Data for E-UTRA Band 26-824-849

Product Name: Telematics Module

Test Model: 8400-13001-00

Environmental Conditions

Temperature:	23.3° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	22.43	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	22.36	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.35	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	22.30	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	22.25	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	22.33	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	21.31	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	22.16	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	22.10	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	22.21	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	22.14	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	22.13	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	22.13	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	21.36	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	22.20	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	22.06	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	22.01	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	22.23	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	22.22	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	22.19	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	21.35	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.82	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.63	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.73	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	21.53	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	21.55	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	21.57	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	20.92	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	21.11	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	21.03	PASS

Band26	1.4MHz	16QAM	26915	1RB#5	21.05	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	21.49	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	21.51	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	21.48	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	20.81	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	21.86	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	21.80	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	21.67	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	21.66	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	21.63	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	21.55	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	20.84	PASS
Band26	3MHz	QPSK	26805	1RB#0	22.27	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.34	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.30	PASS
Band26	3MHz	QPSK	26805	8RB#0	21.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	21.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	21.72	PASS
Band26	3MHz	QPSK	26805	15RB#0	21.49	PASS
Band26	3MHz	QPSK	26915	1RB#0	22.35	PASS
Band26	3MHz	QPSK	26915	1RB#8	22.22	PASS
Band26	3MHz	QPSK	26915	1RB#14	22.24	PASS
Band26	3MHz	QPSK	26915	8RB#0	21.31	PASS
Band26	3MHz	QPSK	26915	8RB#4	21.29	PASS
Band26	3MHz	QPSK	26915	8RB#7	21.34	PASS
Band26	3MHz	QPSK	26915	15RB#0	21.55	PASS
Band26	3MHz	QPSK	27025	1RB#0	22.30	PASS
Band26	3MHz	QPSK	27025	1RB#8	22.19	PASS
Band26	3MHz	QPSK	27025	1RB#14	21.97	PASS
Band26	3MHz	QPSK	27025	8RB#0	21.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	21.38	PASS
Band26	3MHz	QPSK	27025	8RB#7	21.49	PASS
Band26	3MHz	QPSK	27025	15RB#0	21.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	21.81	PASS
Band26	3MHz	16QAM	26805	1RB#8	21.83	PASS

Band26	3MHz	16QAM	26805	1RB#14	21.37	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.03	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.01	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.01	PASS
Band26	3MHz	16QAM	26805	15RB#0	20.80	PASS
Band26	3MHz	16QAM	26915	1RB#0	21.15	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.12	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.09	PASS
Band26	3MHz	16QAM	26915	8RB#0	20.91	PASS
Band26	3MHz	16QAM	26915	8RB#4	20.89	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.00	PASS
Band26	3MHz	16QAM	26915	15RB#0	20.65	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.94	PASS
Band26	3MHz	16QAM	27025	1RB#8	21.84	PASS
Band26	3MHz	16QAM	27025	1RB#14	21.65	PASS
Band26	3MHz	16QAM	27025	8RB#0	20.96	PASS
Band26	3MHz	16QAM	27025	8RB#4	20.95	PASS
Band26	3MHz	16QAM	27025	8RB#7	20.99	PASS
Band26	3MHz	16QAM	27025	15RB#0	20.79	PASS
Band26	5MHz	QPSK	26815	1RB#0	22.41	PASS
Band26	5MHz	QPSK	26815	1RB#12	22.44	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.32	PASS
Band26	5MHz	QPSK	26815	12RB#0	21.46	PASS
Band26	5MHz	QPSK	26815	12RB#6	21.46	PASS
Band26	5MHz	QPSK	26815	12RB#13	21.26	PASS
Band26	5MHz	QPSK	26815	25RB#0	21.17	PASS
Band26	5MHz	QPSK	26915	1RB#0	22.18	PASS
Band26	5MHz	QPSK	26915	1RB#12	21.98	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.22	PASS
Band26	5MHz	QPSK	26915	12RB#0	21.33	PASS
Band26	5MHz	QPSK	26915	12RB#6	21.34	PASS
Band26	5MHz	QPSK	26915	12RB#13	21.19	PASS
Band26	5MHz	QPSK	26915	25RB#0	21.36	PASS
Band26	5MHz	QPSK	27015	1RB#0	22.83	PASS
Band26	5MHz	QPSK	27015	1RB#12	22.77	PASS

Band26	5MHz	QPSK	27015	1RB#24	22.46	PASS
Band26	5MHz	QPSK	27015	12RB#0	21.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	21.44	PASS
Band26	5MHz	QPSK	27015	12RB#13	21.43	PASS
Band26	5MHz	QPSK	27015	25RB#0	21.51	PASS
Band26	5MHz	16QAM	26815	1RB#0	21.39	PASS
Band26	5MHz	16QAM	26815	1RB#12	21.25	PASS
Band26	5MHz	16QAM	26815	1RB#24	21.23	PASS
Band26	5MHz	16QAM	26815	12RB#0	20.88	PASS
Band26	5MHz	16QAM	26815	12RB#6	20.88	PASS
Band26	5MHz	16QAM	26815	12RB#13	20.82	PASS
Band26	5MHz	16QAM	26815	25RB#0	20.93	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.07	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.12	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.10	PASS
Band26	5MHz	16QAM	26915	12RB#0	20.86	PASS
Band26	5MHz	16QAM	26915	12RB#6	20.84	PASS
Band26	5MHz	16QAM	26915	12RB#13	20.88	PASS
Band26	5MHz	16QAM	26915	25RB#0	20.82	PASS
Band26	5MHz	16QAM	27015	1RB#0	21.78	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.74	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.58	PASS
Band26	5MHz	16QAM	27015	12RB#0	20.78	PASS
Band26	5MHz	16QAM	27015	12RB#6	20.78	PASS
Band26	5MHz	16QAM	27015	12RB#13	20.70	PASS
Band26	5MHz	16QAM	27015	25RB#0	20.80	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.31	PASS
Band26	10MHz	QPSK	26840	1RB#24	22.16	PASS
Band26	10MHz	QPSK	26840	1RB#49	22.14	PASS
Band26	10MHz	QPSK	26840	25RB#0	21.49	PASS
Band26	10MHz	QPSK	26840	25RB#12	21.44	PASS
Band26	10MHz	QPSK	26840	25RB#25	21.20	PASS
Band26	10MHz	QPSK	26840	50RB#0	21.51	PASS
Band26	10MHz	QPSK	26915	1RB#0	22.22	PASS
Band26	10MHz	QPSK	26915	1RB#24	22.27	PASS

Band26	10MHz	QPSK	26915	1RB#49	22.24	PASS
Band26	10MHz	QPSK	26915	25RB#0	21.42	PASS
Band26	10MHz	QPSK	26915	25RB#12	21.35	PASS
Band26	10MHz	QPSK	26915	25RB#25	21.26	PASS
Band26	10MHz	QPSK	26915	50RB#0	21.37	PASS
Band26	10MHz	QPSK	26990	1RB#0	22.23	PASS
Band26	10MHz	QPSK	26990	1RB#24	22.25	PASS
Band26	10MHz	QPSK	26990	1RB#49	22.08	PASS
Band26	10MHz	QPSK	26990	25RB#0	21.41	PASS
Band26	10MHz	QPSK	26990	25RB#12	21.28	PASS
Band26	10MHz	QPSK	26990	25RB#25	21.43	PASS
Band26	10MHz	QPSK	26990	50RB#0	21.32	PASS
Band26	10MHz	16QAM	26840	1RB#0	21.94	PASS
Band26	10MHz	16QAM	26840	1RB#24	21.81	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.77	PASS
Band26	10MHz	16QAM	26840	25RB#0	20.85	PASS
Band26	10MHz	16QAM	26840	25RB#12	20.85	PASS
Band26	10MHz	16QAM	26840	25RB#25	20.74	PASS
Band26	10MHz	16QAM	26840	50RB#0	20.83	PASS
Band26	10MHz	16QAM	26915	1RB#0	21.83	PASS
Band26	10MHz	16QAM	26915	1RB#24	21.89	PASS
Band26	10MHz	16QAM	26915	1RB#49	21.84	PASS
Band26	10MHz	16QAM	26915	25RB#0	20.86	PASS
Band26	10MHz	16QAM	26915	25RB#12	20.87	PASS
Band26	10MHz	16QAM	26915	25RB#25	20.94	PASS
Band26	10MHz	16QAM	26915	50RB#0	20.85	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.29	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.29	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.12	PASS
Band26	10MHz	16QAM	26990	25RB#0	20.87	PASS
Band26	10MHz	16QAM	26990	25RB#12	20.77	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.23	PASS
Band26	10MHz	16QAM	26990	50RB#0	20.89	PASS
Band26	15MHz	QPSK	26865	1RB#0	22.31	PASS
Band26	15MHz	QPSK	26865	1RB#38	22.22	PASS

Band26	15MHz	QPSK	26865	1RB#74	22.14	PASS
Band26	15MHz	QPSK	26865	38RB#0	21.31	PASS
Band26	15MHz	QPSK	26865	38RB#18	21.53	PASS
Band26	15MHz	QPSK	26865	38RB#37	21.50	PASS
Band26	15MHz	QPSK	26865	75RB#0	21.23	PASS
Band26	15MHz	QPSK	26915	1RB#0	21.97	PASS
Band26	15MHz	QPSK	26915	1RB#38	21.91	PASS
Band26	15MHz	QPSK	26915	1RB#74	21.94	PASS
Band26	15MHz	QPSK	26915	38RB#0	21.38	PASS
Band26	15MHz	QPSK	26915	38RB#18	21.43	PASS
Band26	15MHz	QPSK	26915	38RB#37	21.43	PASS
Band26	15MHz	QPSK	26915	75RB#0	21.43	PASS
Band26	15MHz	QPSK	26965	1RB#0	22.21	PASS
Band26	15MHz	QPSK	26965	1RB#38	22.23	PASS
Band26	15MHz	QPSK	26965	1RB#74	22.18	PASS
Band26	15MHz	QPSK	26965	38RB#0	21.40	PASS
Band26	15MHz	QPSK	26965	38RB#18	21.44	PASS
Band26	15MHz	QPSK	26965	38RB#37	21.44	PASS
Band26	15MHz	QPSK	26965	75RB#0	21.44	PASS
Band26	15MHz	16QAM	26865	1RB#0	21.84	PASS
Band26	15MHz	16QAM	26865	1RB#38	21.80	PASS
Band26	15MHz	16QAM	26865	1RB#74	21.83	PASS
Band26	15MHz	16QAM	26865	38RB#0	21.53	PASS
Band26	15MHz	16QAM	26865	38RB#18	21.35	PASS
Band26	15MHz	16QAM	26865	38RB#37	21.50	PASS
Band26	15MHz	16QAM	26865	75RB#0	20.80	PASS
Band26	15MHz	16QAM	26915	1RB#0	21.84	PASS
Band26	15MHz	16QAM	26915	1RB#38	21.90	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.00	PASS
Band26	15MHz	16QAM	26915	38RB#0	21.43	PASS
Band26	15MHz	16QAM	26915	38RB#18	21.43	PASS
Band26	15MHz	16QAM	26915	38RB#37	21.43	PASS
Band26	15MHz	16QAM	26915	75RB#0	20.90	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.23	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.28	PASS

Band26	15MHz	16QAM	26965	1RB#74	22.18	PASS
Band26	15MHz	16QAM	26965	38RB#0	21.43	PASS
Band26	15MHz	16QAM	26965	38RB#18	21.44	PASS
Band26	15MHz	16QAM	26965	38RB#37	21.44	PASS
Band26	15MHz	16QAM	26965	75RB#0	20.89	PASS

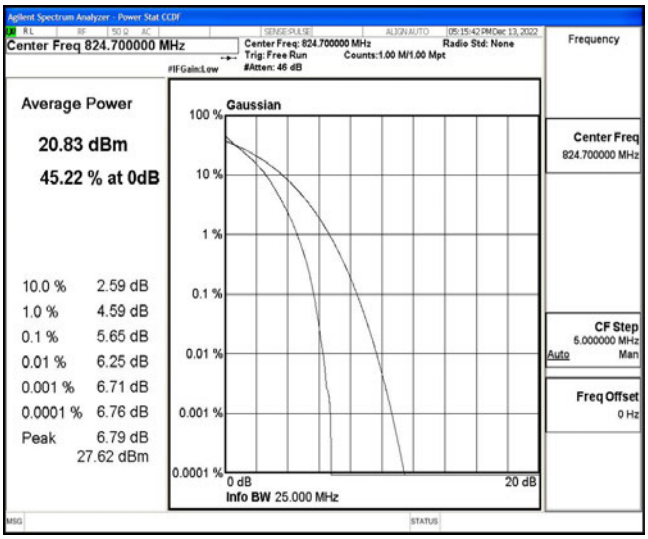
G.2 Peak-to-Average Ratio(CCDF)

Test Result

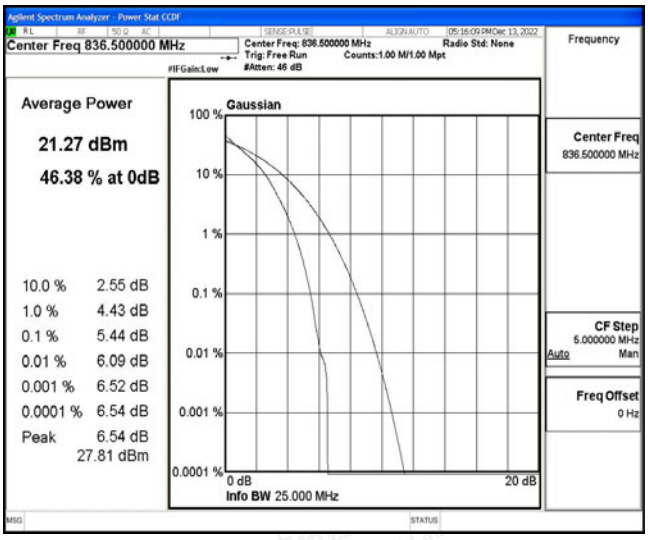
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	5.65	13	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	5.44	13	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	4.82	13	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	6.17	13	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	6.00	13	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	5.43	13	PASS
Band26	3MHz	QPSK	26805	15RB#0	5.67	13	PASS
Band26	3MHz	QPSK	26915	15RB#0	5.41	13	PASS
Band26	3MHz	QPSK	27025	15RB#0	4.89	13	PASS
Band26	3MHz	16QAM	26805	15RB#0	6.29	13	PASS
Band26	3MHz	16QAM	26915	15RB#0	6.09	13	PASS
Band26	3MHz	16QAM	27025	15RB#0	5.59	13	PASS
Band26	5MHz	QPSK	26815	25RB#0	5.63	13	PASS
Band26	5MHz	QPSK	26915	25RB#0	5.39	13	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.99	13	PASS
Band26	5MHz	16QAM	26815	25RB#0	6.22	13	PASS
Band26	5MHz	16QAM	26915	25RB#0	5.94	13	PASS
Band26	5MHz	16QAM	27015	25RB#0	5.57	13	PASS
Band26	10MHz	QPSK	26840	50RB#0	5.51	13	PASS
Band26	10MHz	QPSK	26915	50RB#0	5.38	13	PASS
Band26	10MHz	QPSK	26990	50RB#0	5.16	13	PASS
Band26	10MHz	16QAM	26840	50RB#0	6.12	13	PASS
Band26	10MHz	16QAM	26915	50RB#0	6.00	13	PASS
Band26	10MHz	16QAM	26990	50RB#0	5.83	13	PASS
Band26	15MHz	QPSK	26865	75RB#0	5.74	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.70	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	5.50	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	6.20	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.09	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.99	13	PASS

Test Graphs

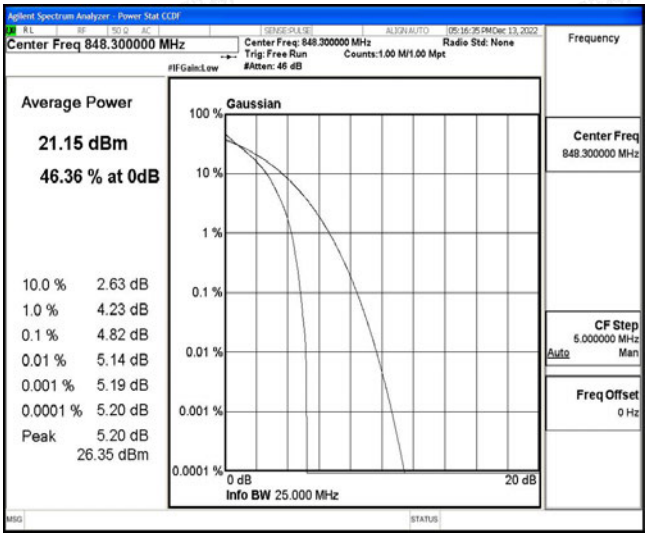
Band26-1.4MHz-QPSK-26797-6RB#0



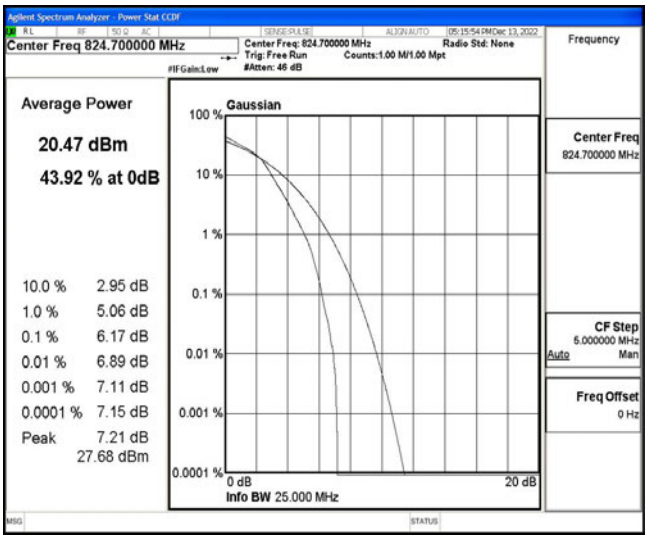
Band26-1.4MHz-QPSK-26915-6RB#0



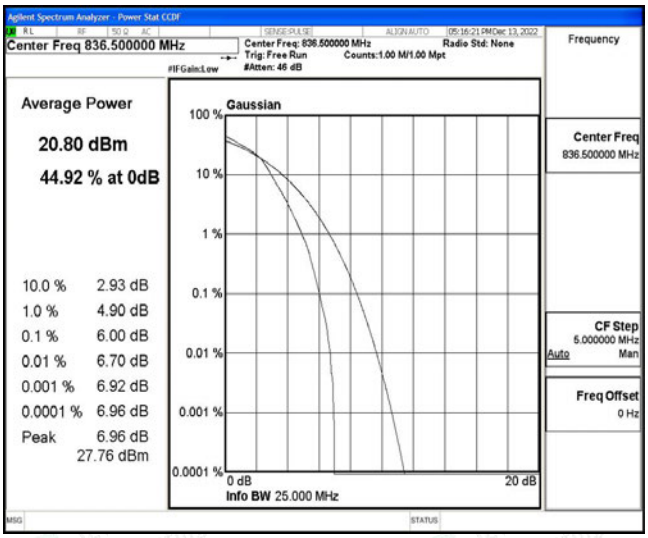
Band26-1.4MHz-QPSK-27033-6RB#0



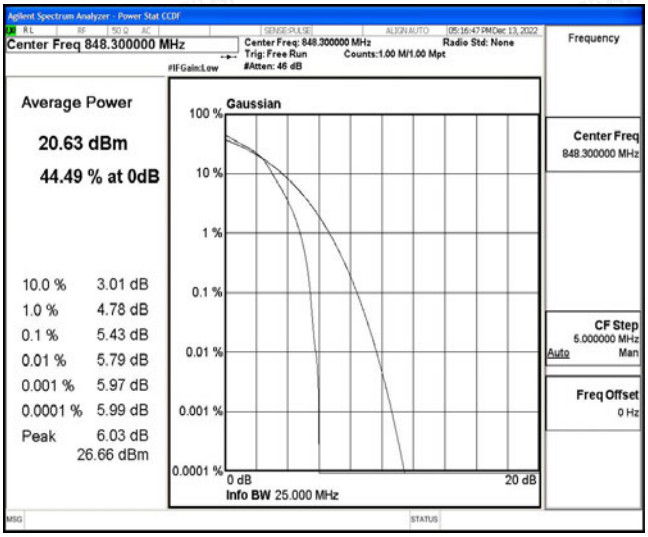
Band26-1.4MHz-16QAM-26797-6RB#0



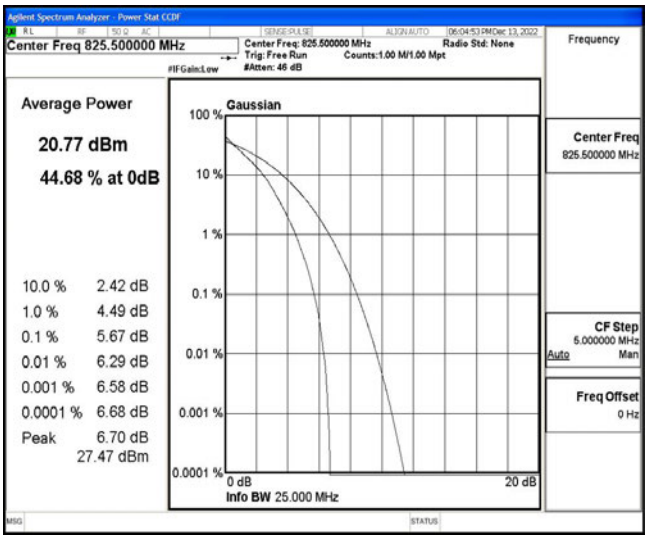
Band26-1.4MHz-16QAM-26915-6RB#0



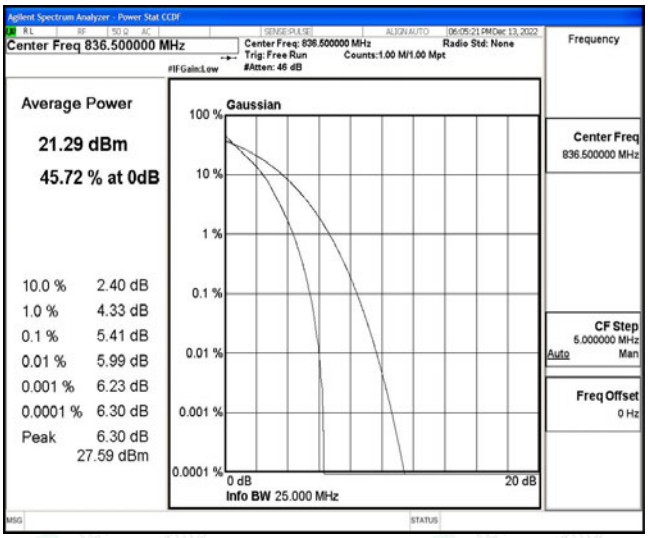
Band26-1.4MHz-16QAM-27033-6RB#0



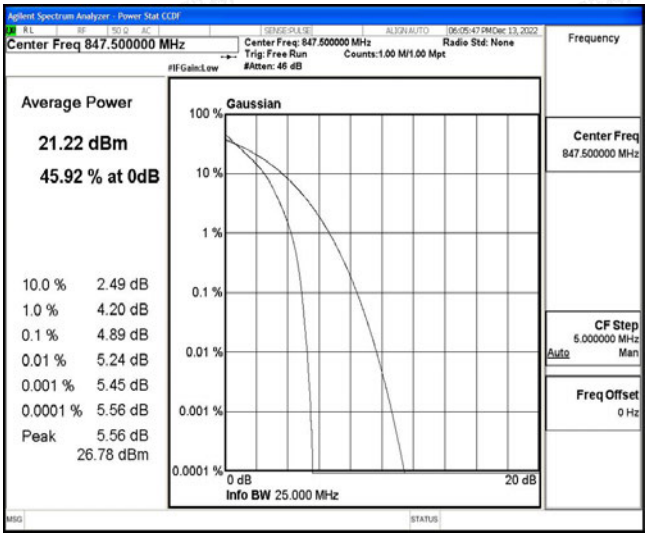
Band26-3MHz-QPSK-26805-15RB#0



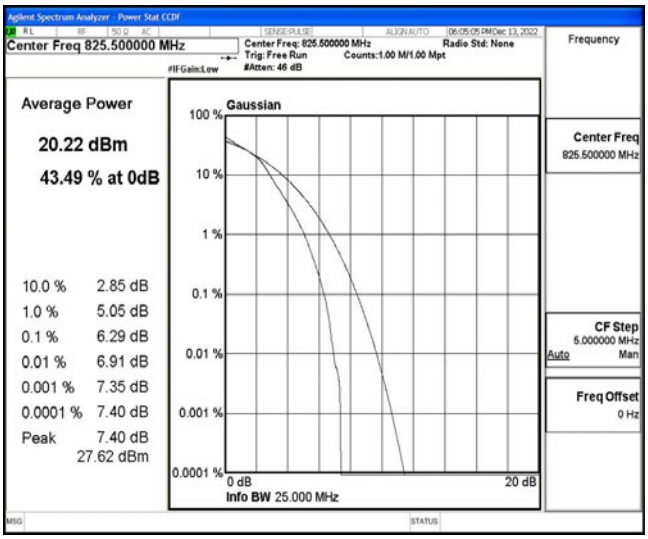
Band26-3MHz-QPSK-26915-15RB#0



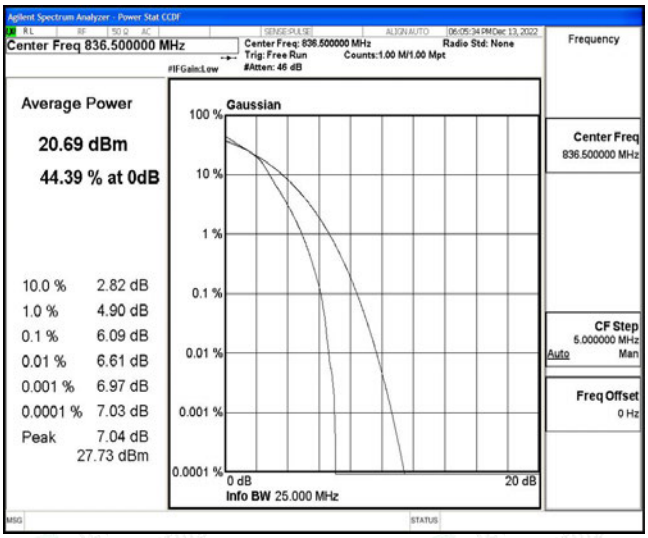
Band26-3MHz-QPSK-27025-15RB#0



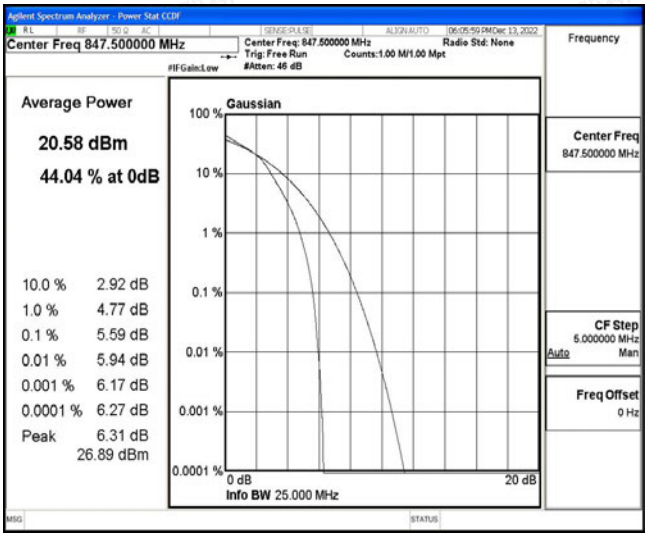
Band26-3MHz-16QAM-26805-15RB#0



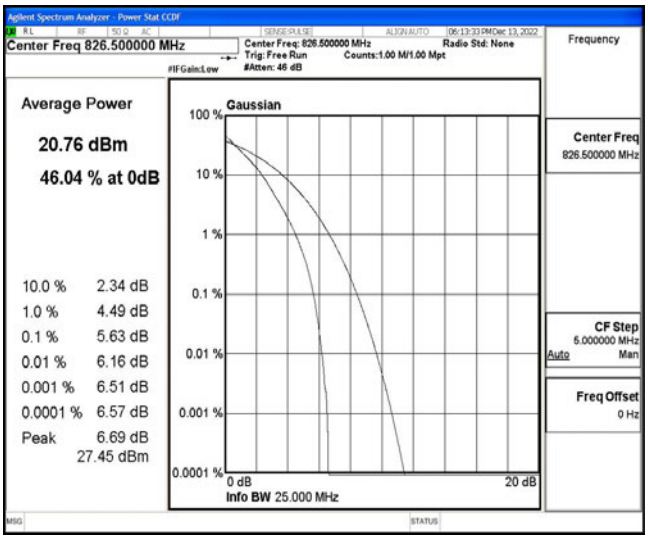
Band26-3MHz-16QAM-26915-15RB#0



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



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



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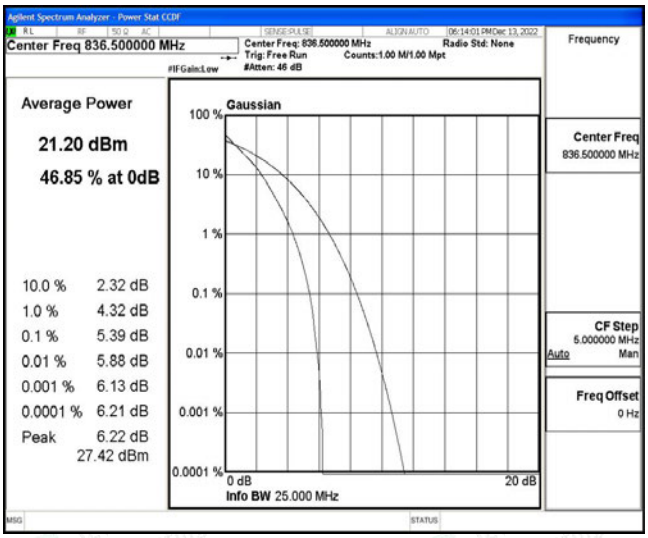

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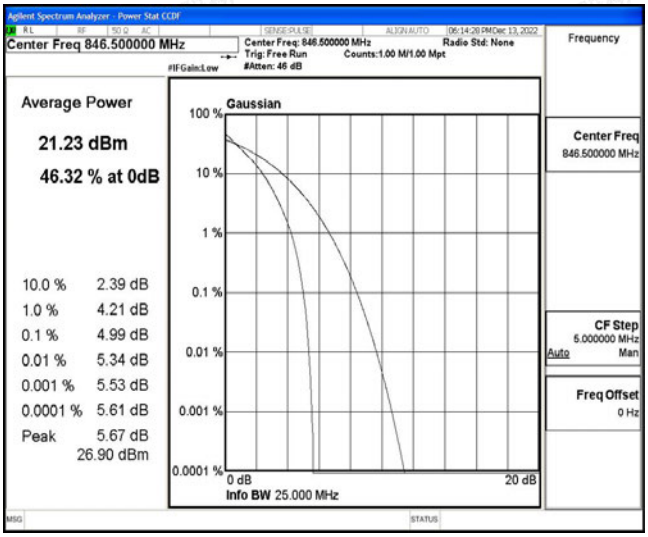

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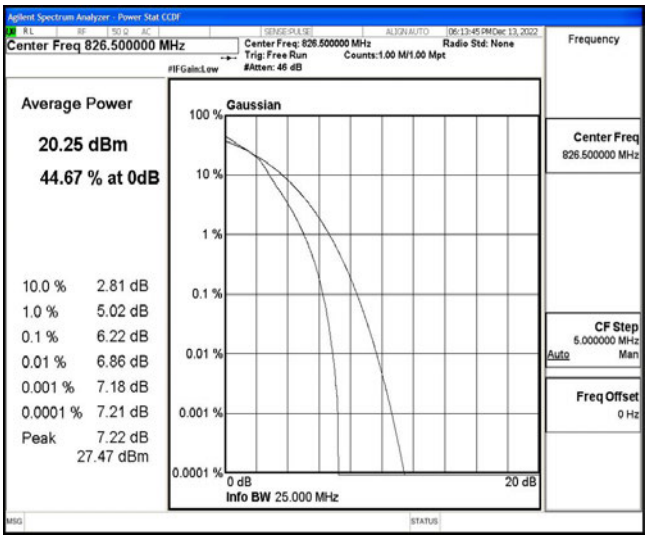

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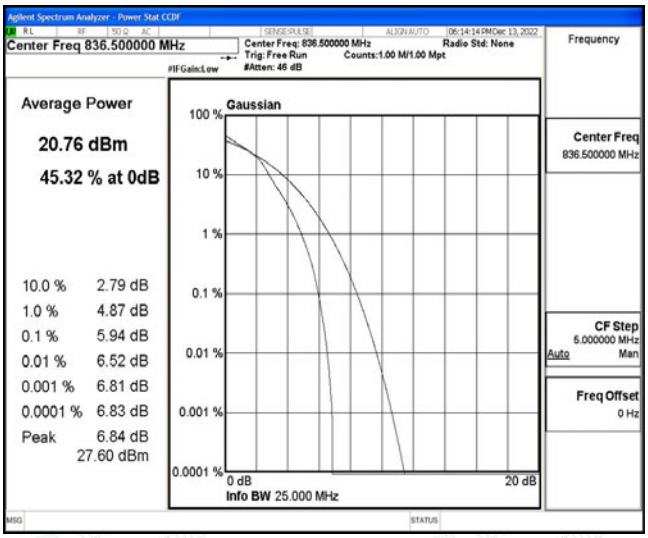

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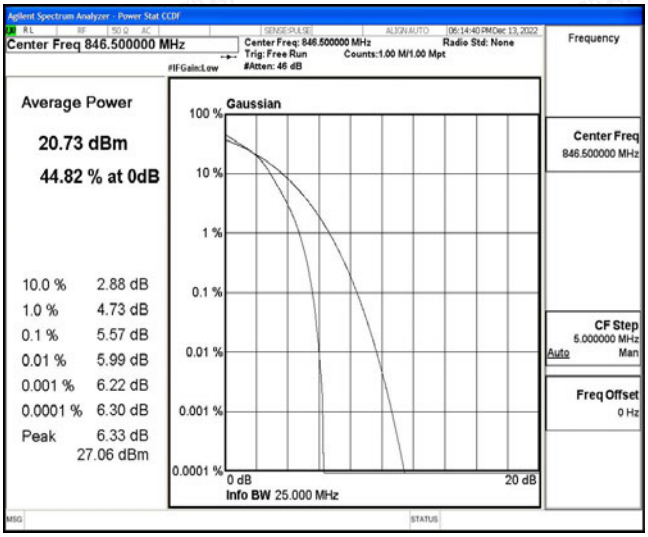

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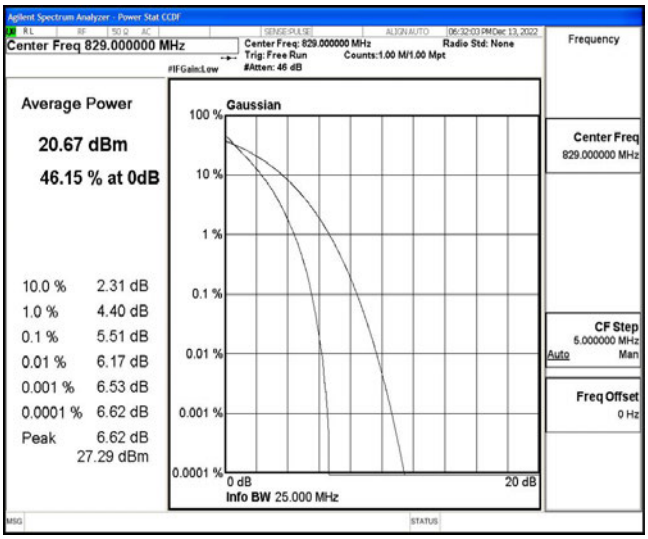

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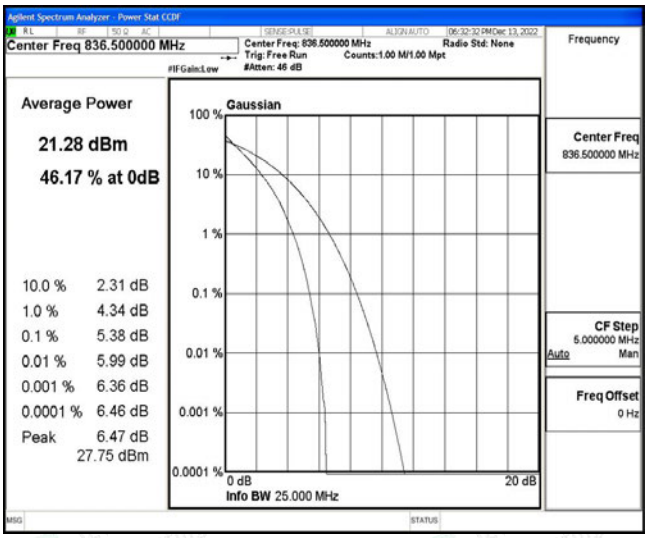

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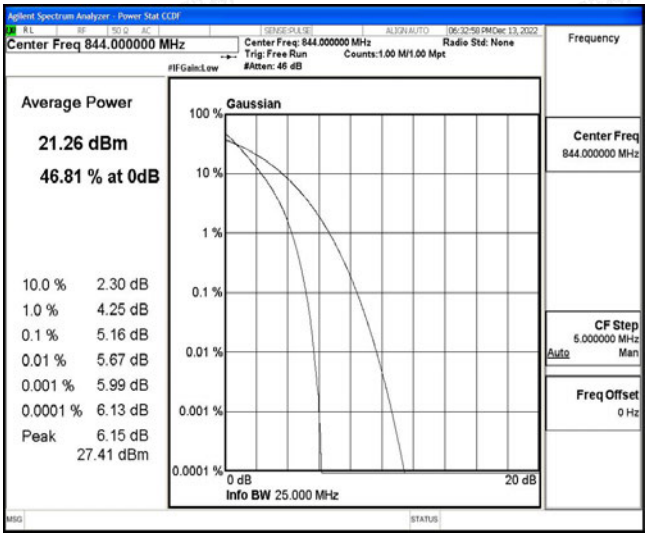

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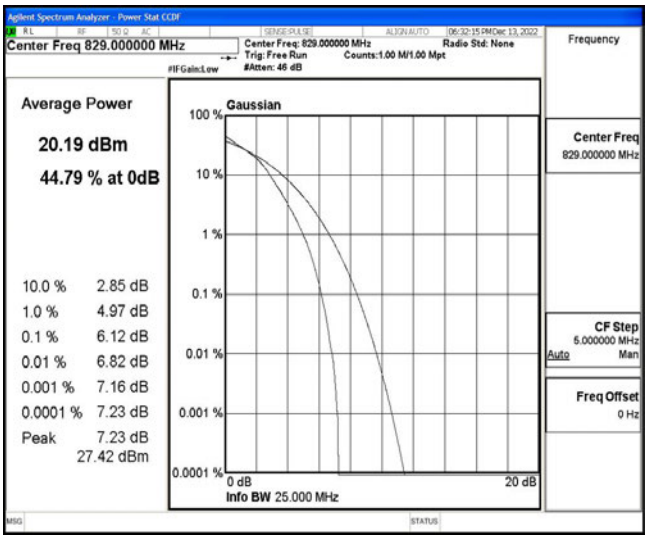

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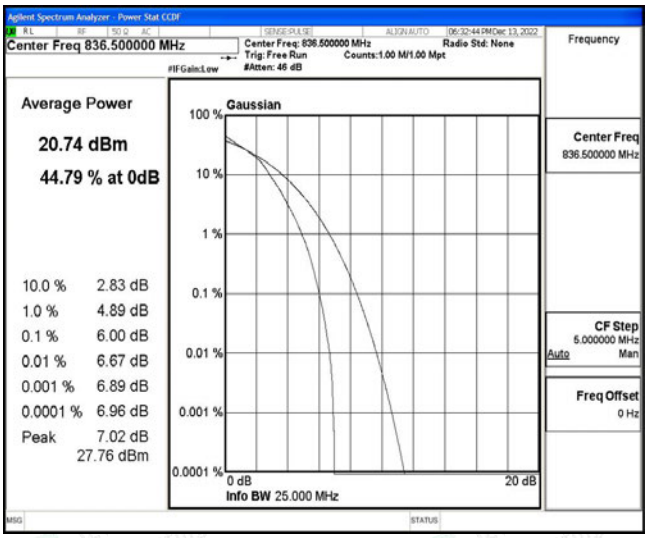

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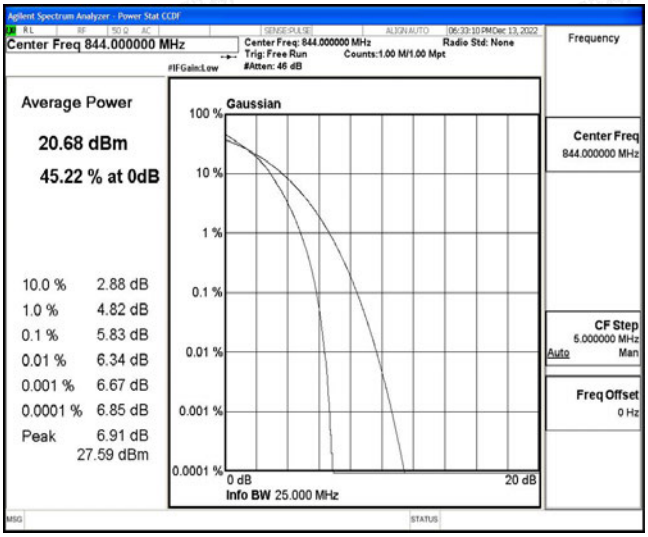

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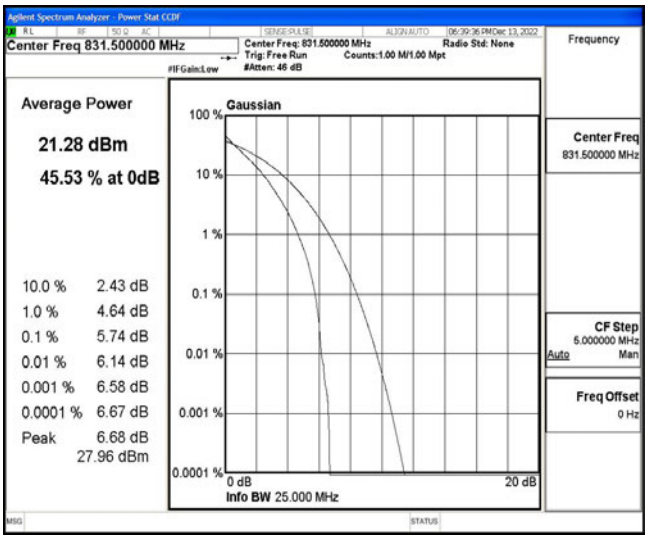

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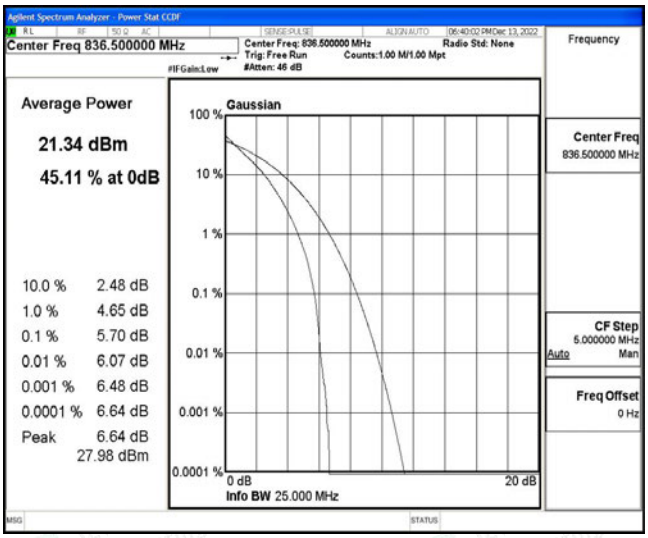

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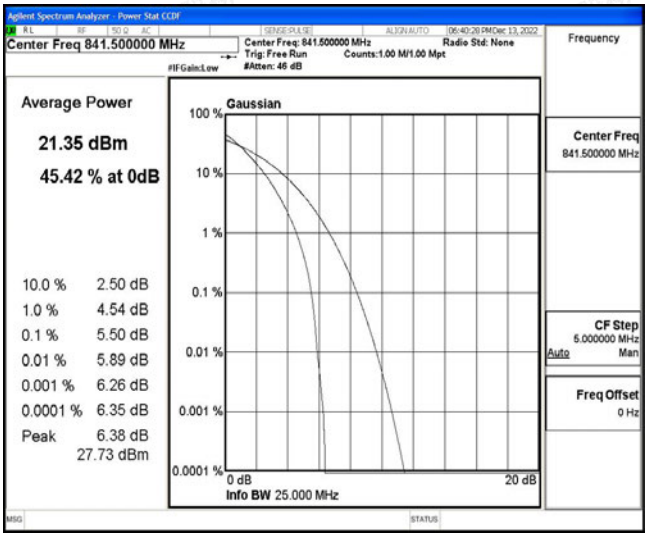

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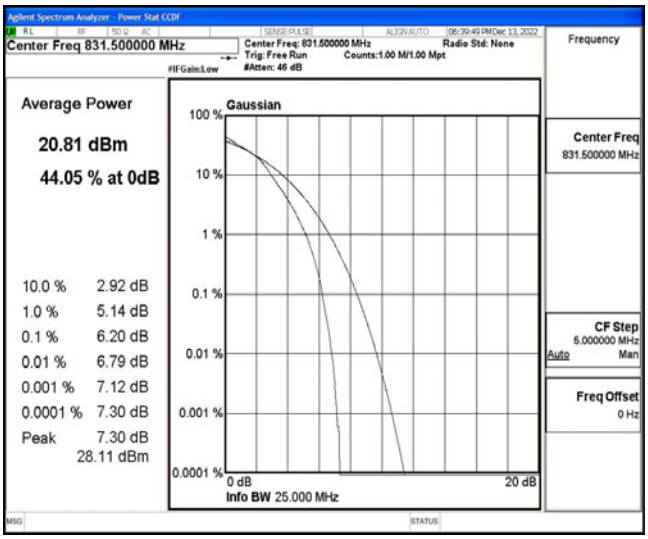
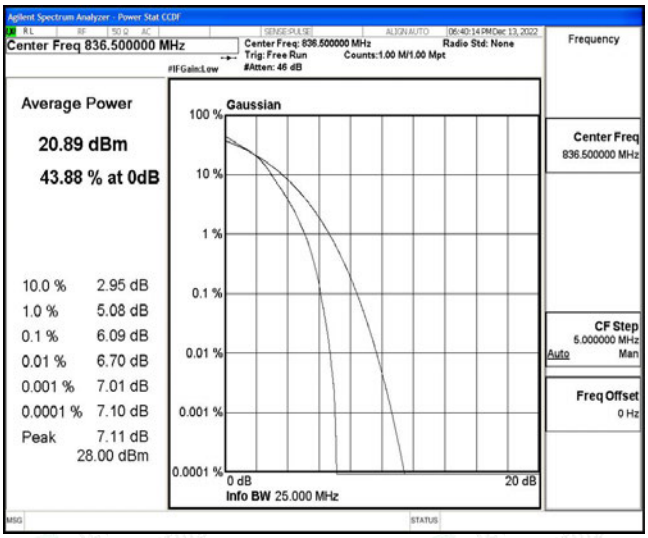


Band26-15MHz-16QAM-26915-75RB#0



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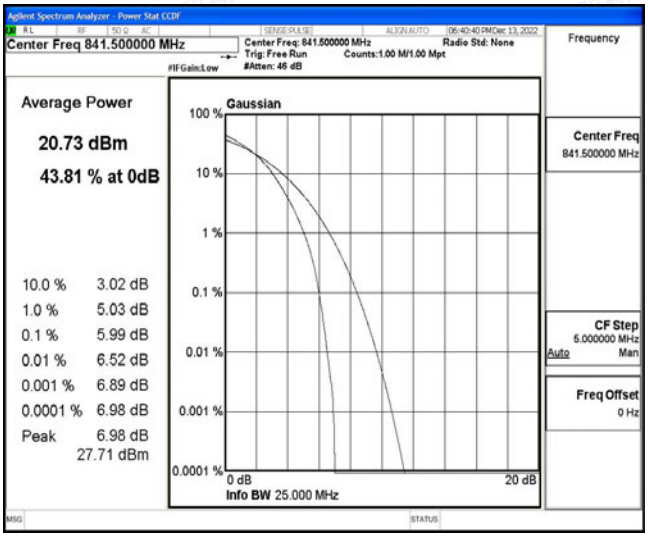

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 841.500000 MHz
Center Freq: 841.500000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.73 dBm
43.81 % at 0dB
10.0 % 3.02 dB
1.0 % 5.03 dB
0.1 % 5.99 dB
0.01 % 6.52 dB
0.001 % 6.89 dB
0.0001 % 6.98 dB
Peak 6.98 dB
27.71 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

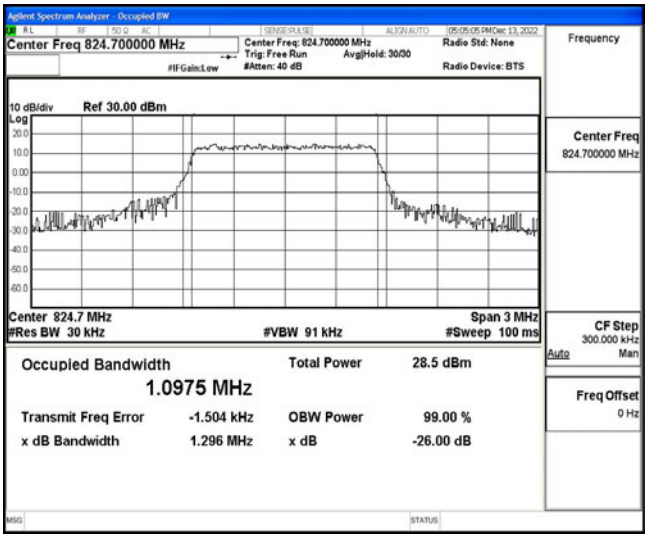
G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

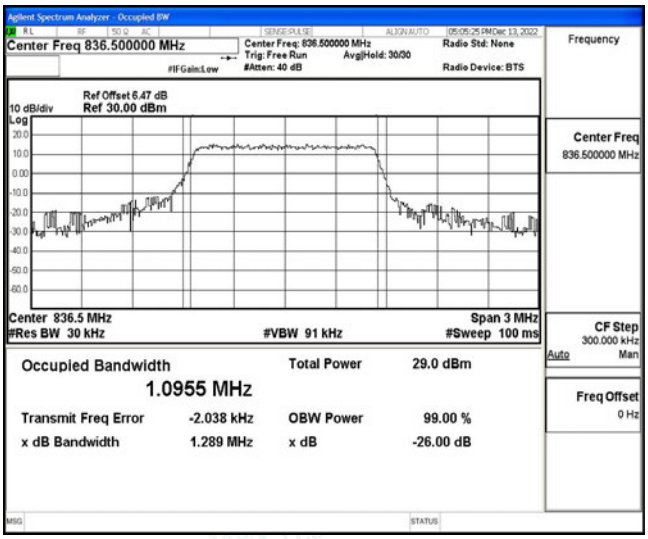
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.0975	1.296	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.0955	1.289	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.1006	1.281	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.1035	1.289	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.1070	1.280	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.1045	1.308	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.7147	3.119	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.7134	3.098	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.7141	3.154	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.7185	3.083	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.7113	3.053	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.7224	3.258	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.5377	5.256	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.5318	5.183	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.5275	5.397	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.5163	5.270	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.5203	5.278	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.5427	5.465	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9865	10.02	PASS
Band26	10MHz	QPSK	26915	50RB#0	9.0031	10.17	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.9694	10.09	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.9833	10.06	PASS
Band26	10MHz	16QAM	26915	50RB#0	9.0153	10.06	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9981	10.41	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.473	15.14	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.498	15.35	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.406	14.95	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.469	14.94	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.520	15.01	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.479	15.09	PASS

Test Graphs

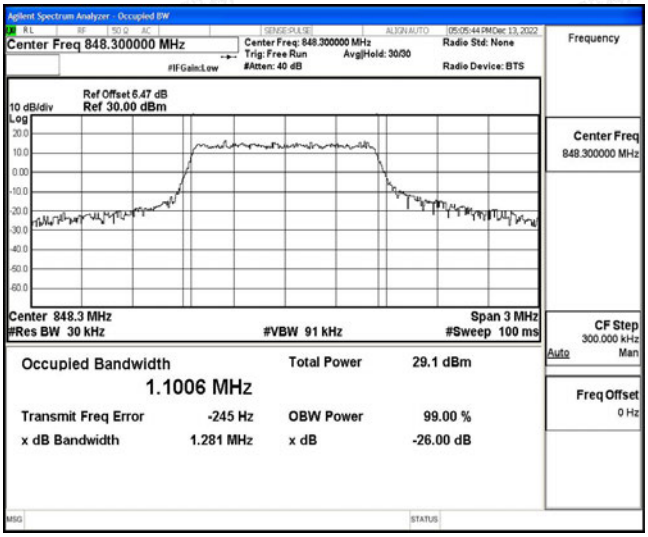
Band26-1.4MHz-QPSK-26797-6RB#0



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



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



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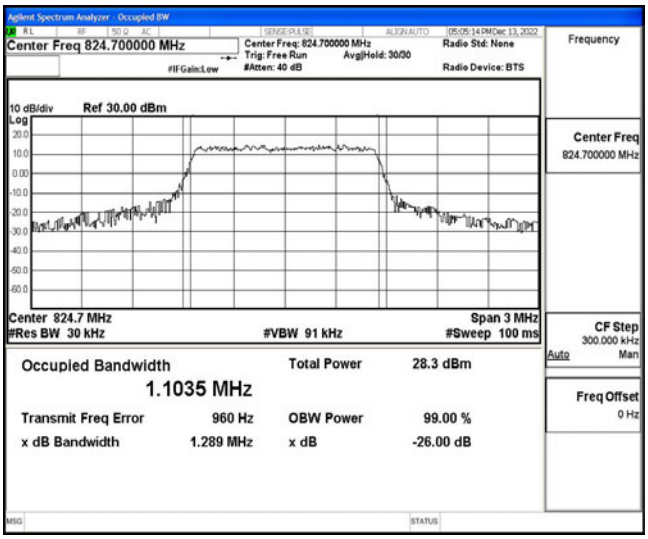
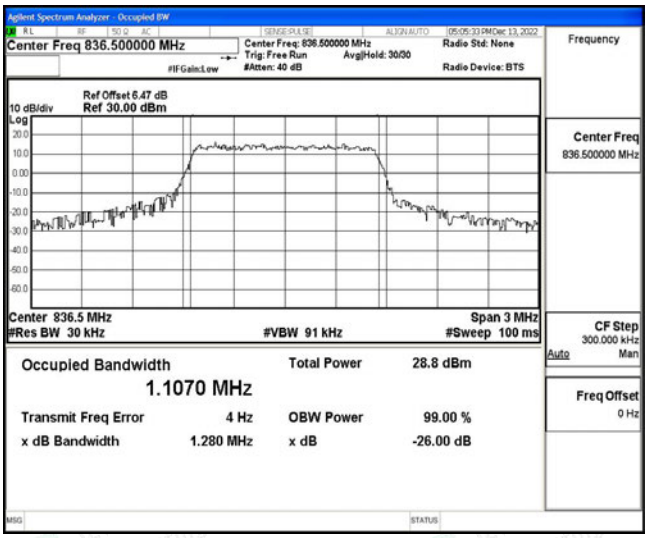
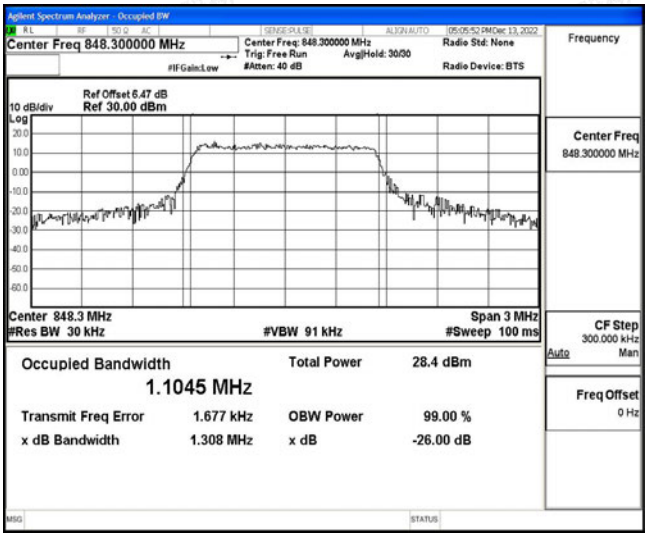


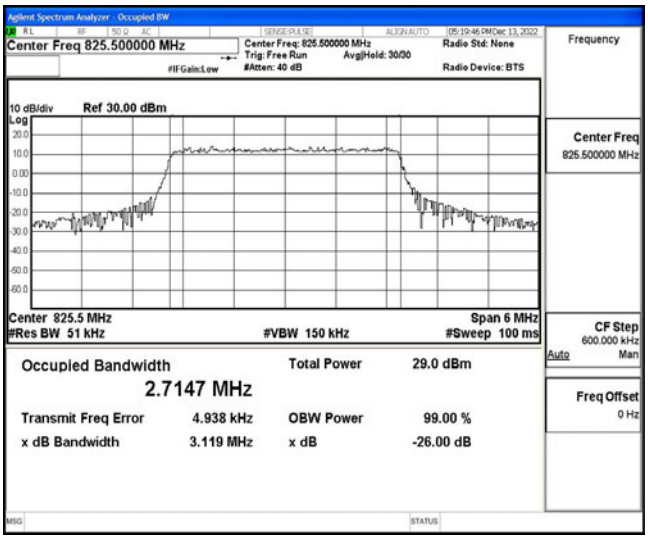
Band26-1.4MHz-16QAM-26915-6RB#0



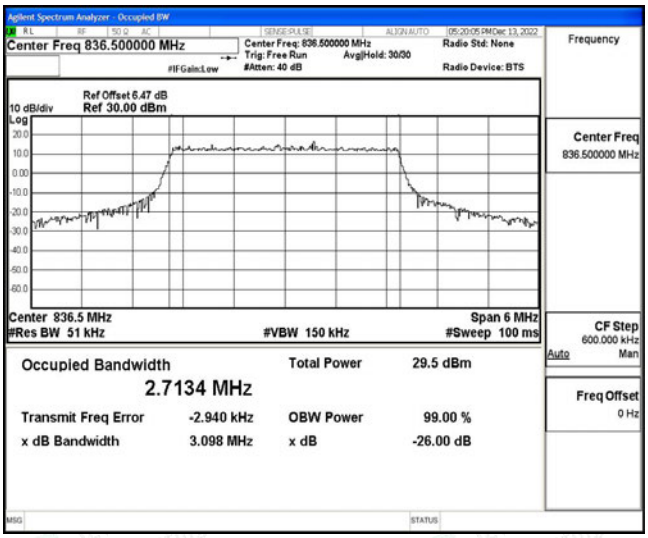
Band26-1.4MHz-16QAM-27033-6RB#0



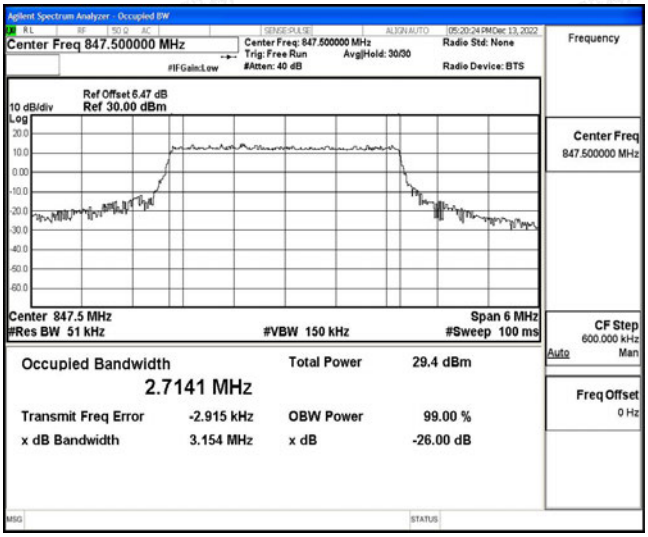
Band26-3MHz-QPSK-26805-15RB#0



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



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



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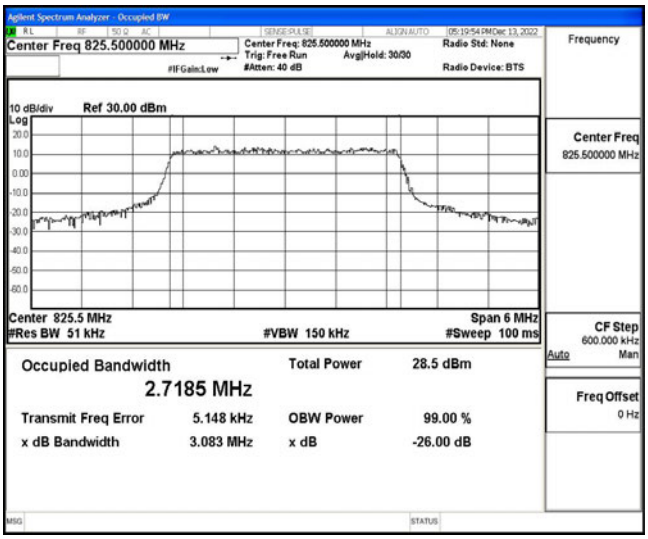

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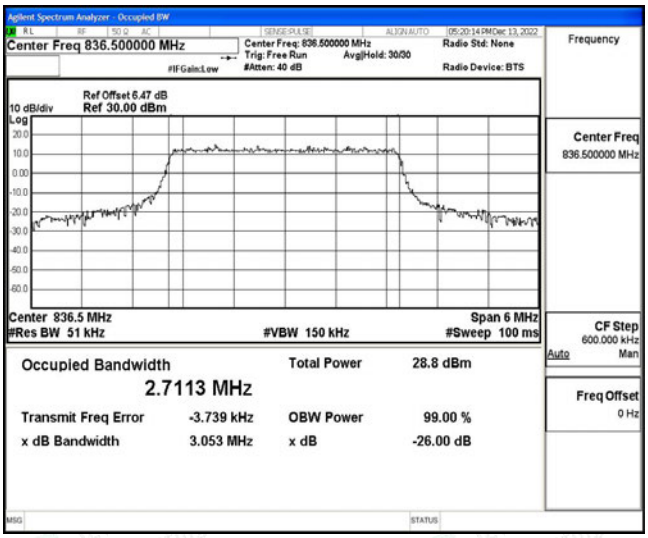

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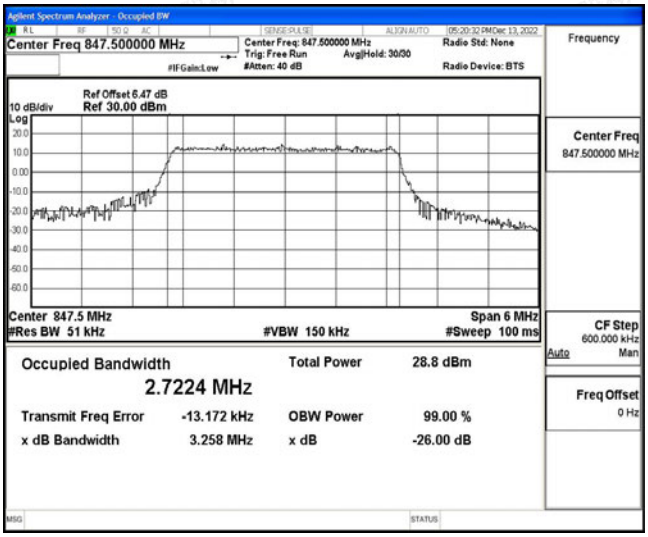

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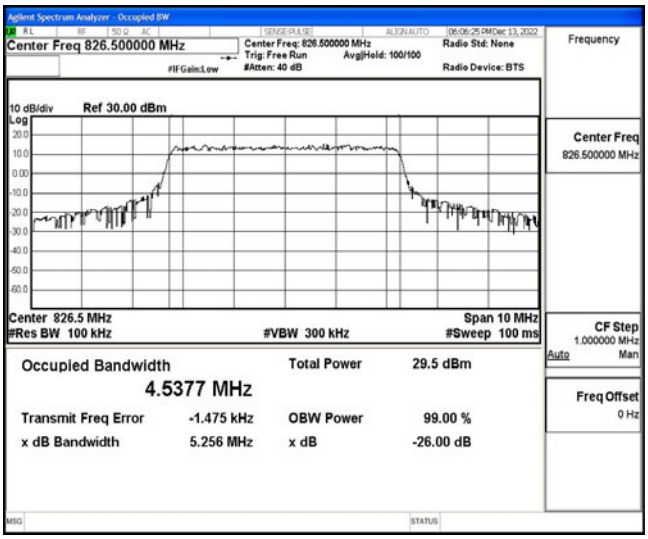

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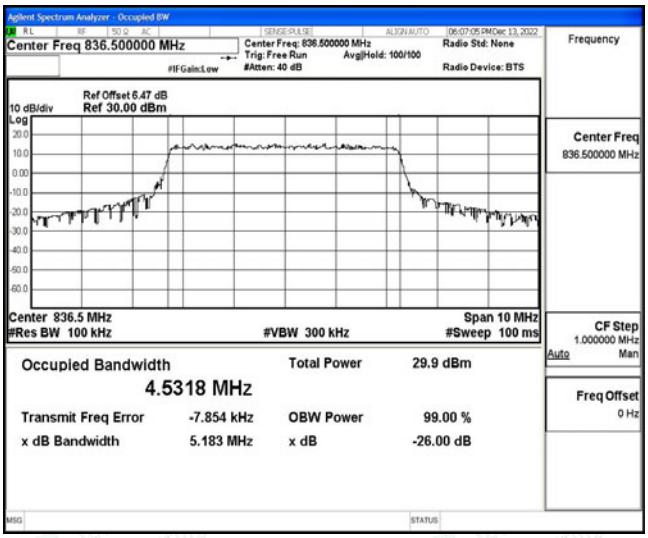

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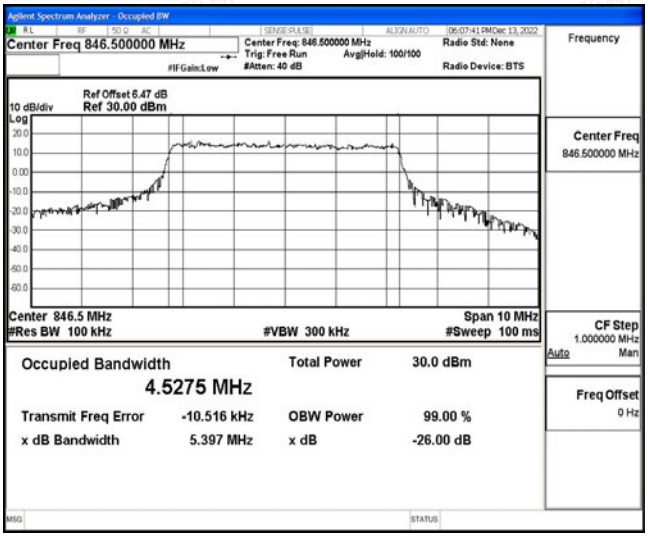

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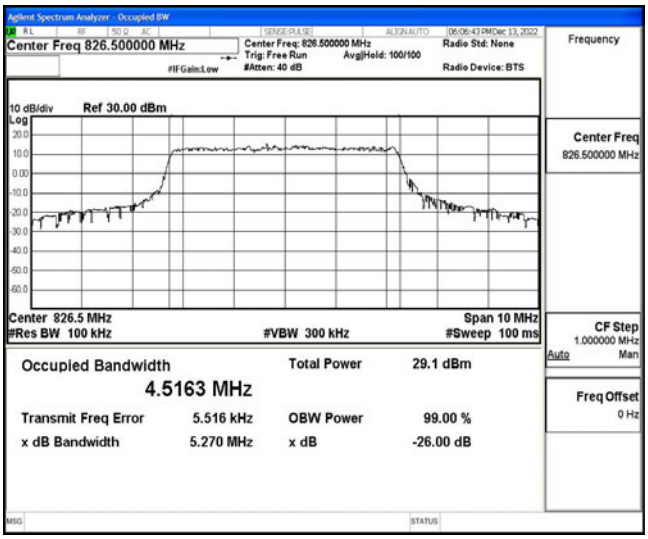

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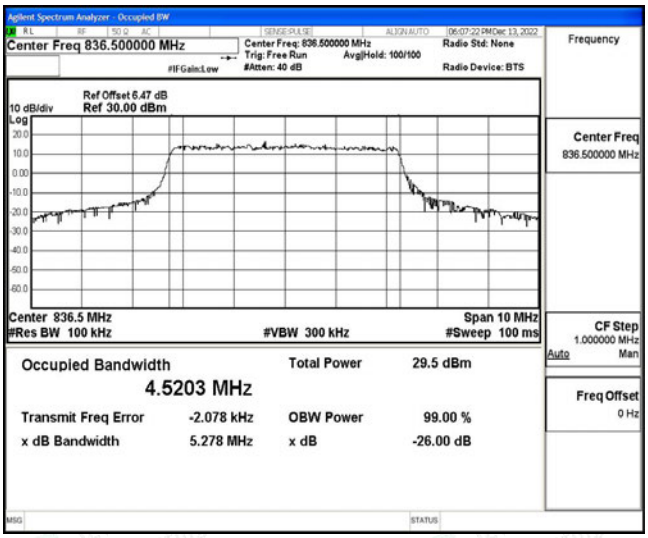

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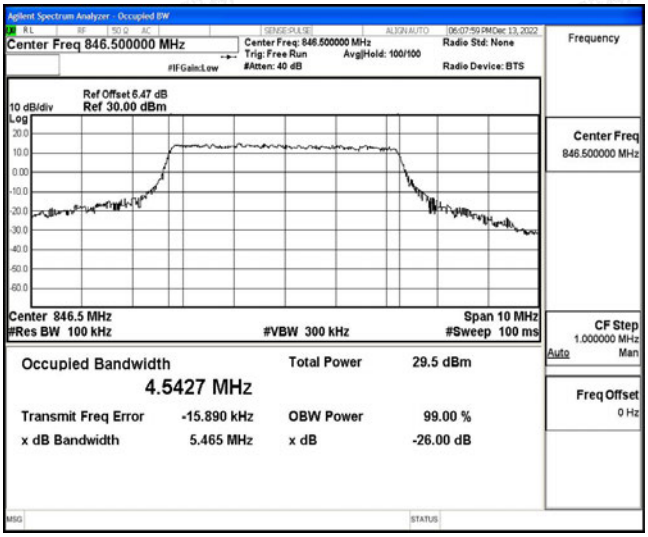

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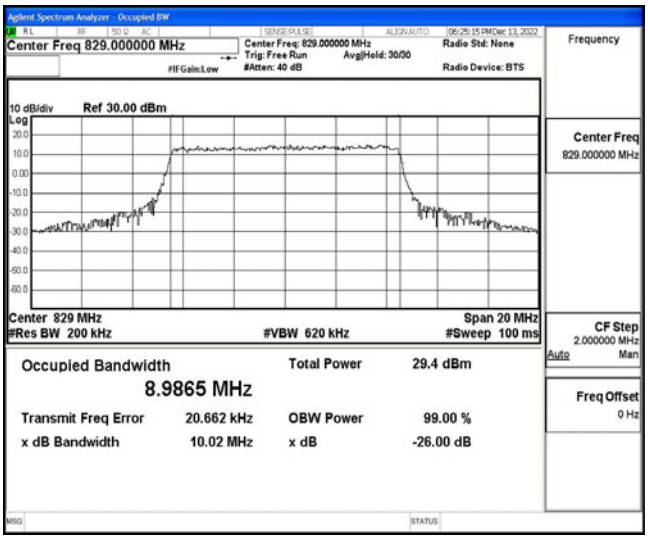

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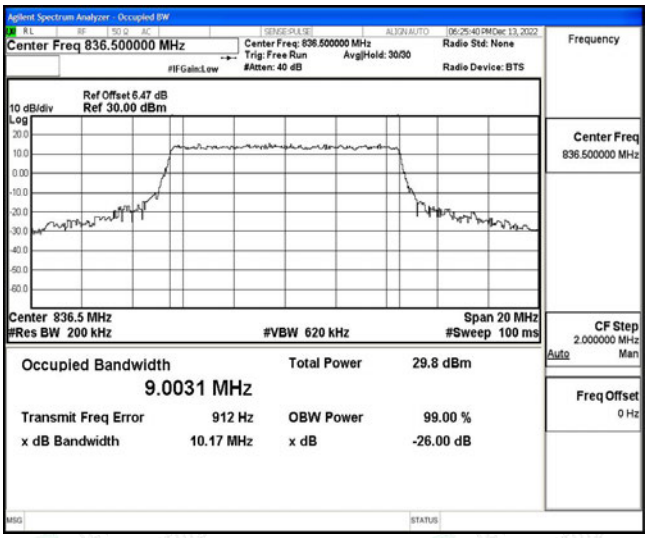

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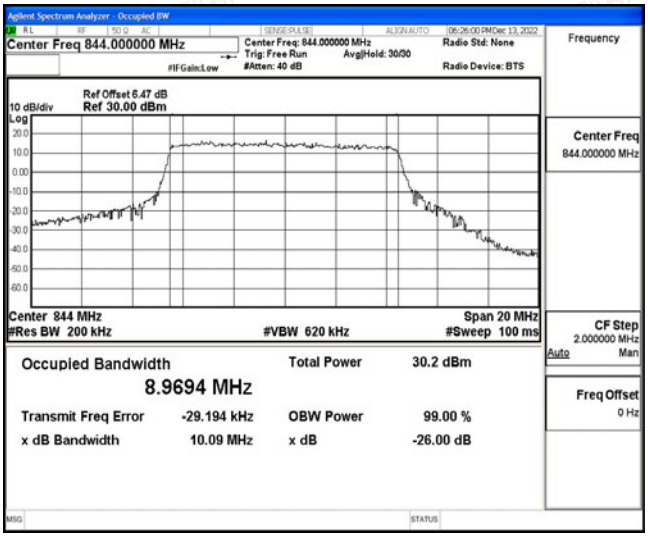

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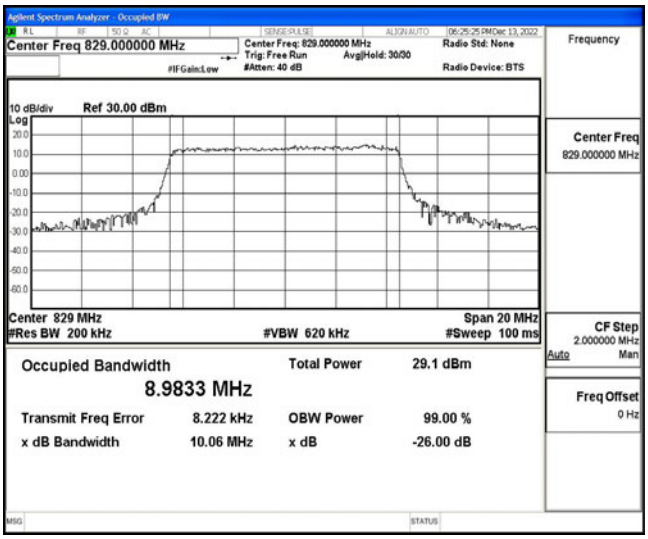

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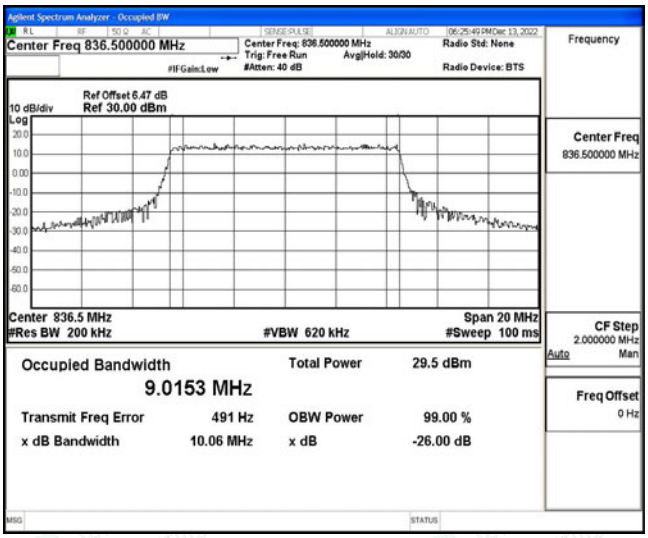
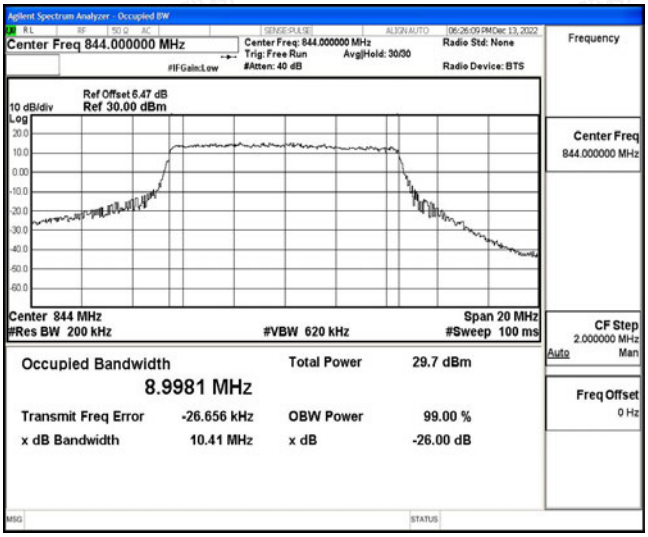
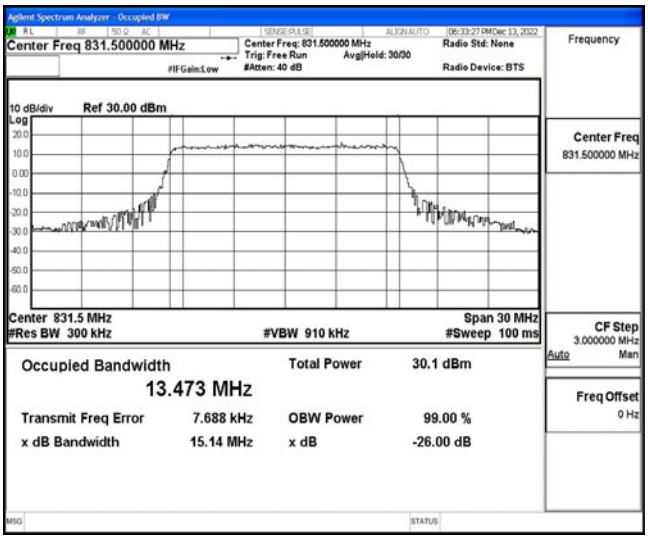


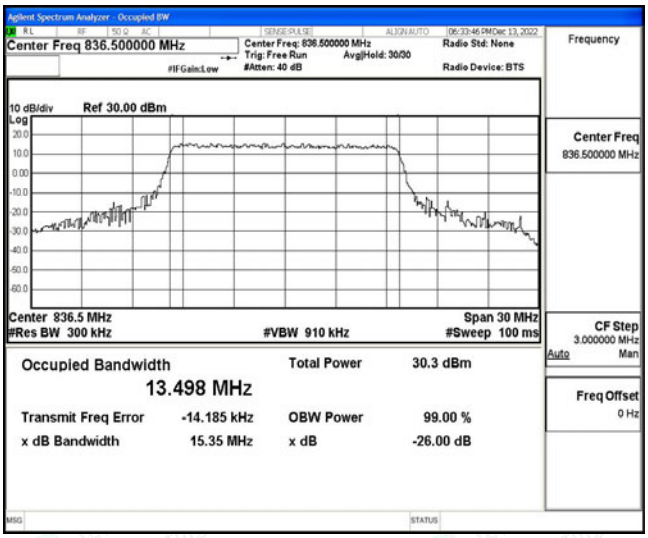
Band26-10MHz-16QAM-26990-50RB#0



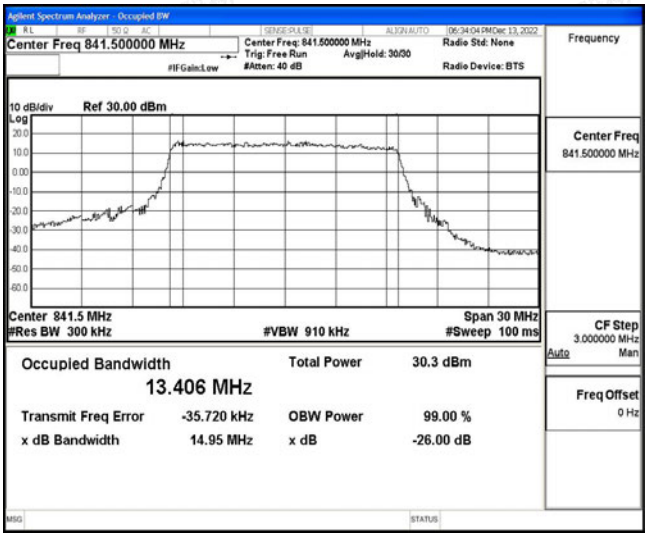
Band26-15MHz-QPSK-26865-75RB#0



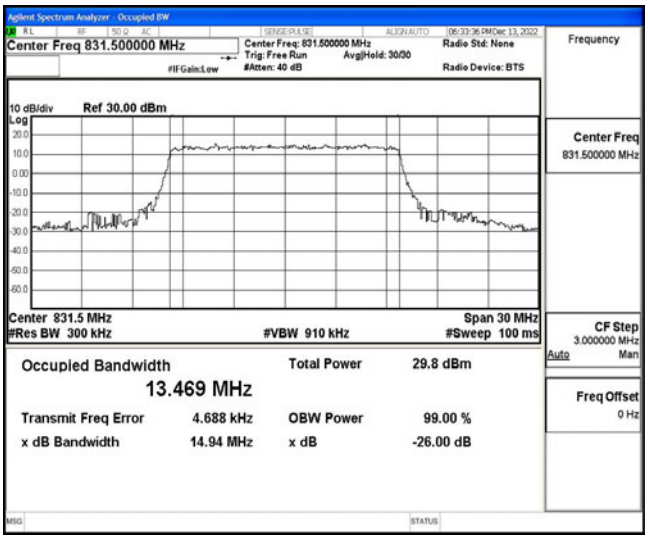
Band26-15MHz-QPSK-26915-75RB#0



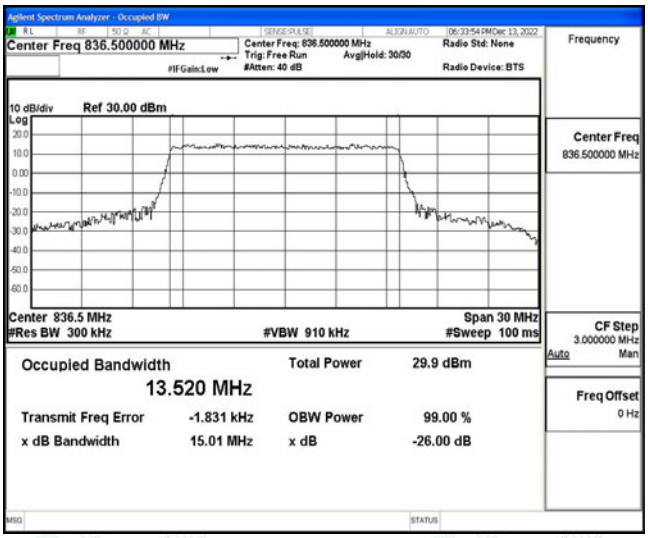
Band26-15MHz-QPSK-26965-75RB#0



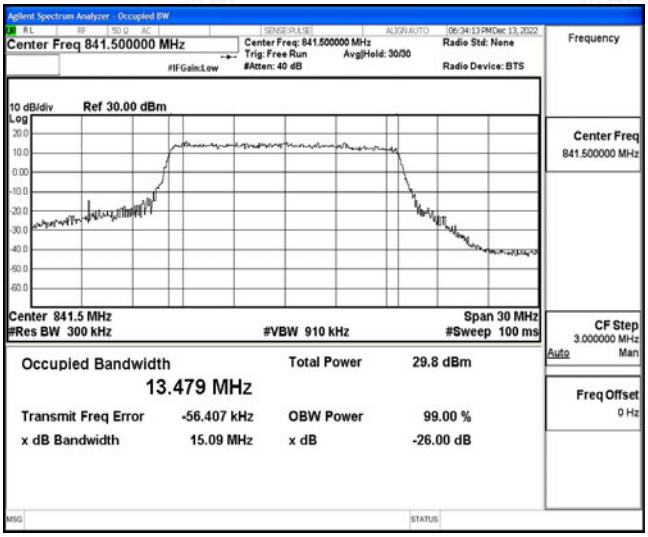
Band26-15MHz-16QAM-26865-75RB#0



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
Frequency
10 dB/div
Ref 30.00 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
13.479 MHz
Total Power 29.8 dBm
Transmit Freq Error -56.407 kHz
OBW Power 99.00 %
x dB Bandwidth 15.09 MHz
x dB -26.00 dB
Freq Offset
0 Hz

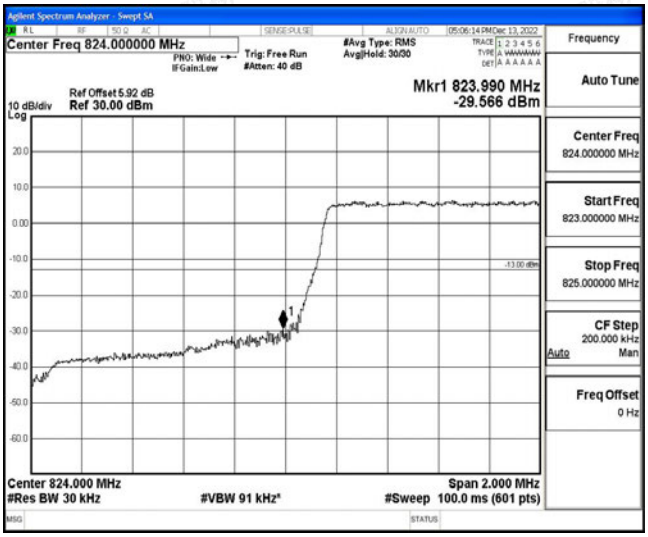
G.4 Band Edge

Test Result

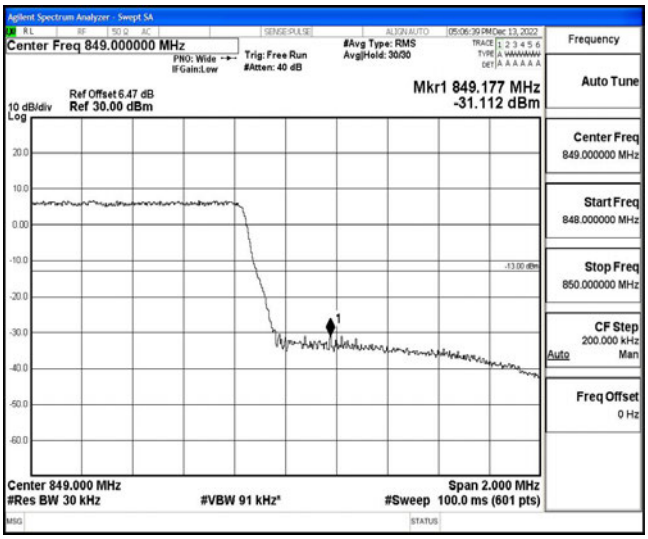
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	-29.57	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-31.11	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-30.44	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-29.94	PASS
Band26	3MHz	QPSK	26805	15RB#0	-22.90	PASS
Band26	3MHz	QPSK	27025	15RB#0	-23.34	PASS
Band26	3MHz	16QAM	26805	15RB#0	-24.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	-23.26	PASS
Band26	5MHz	QPSK	26815	25RB#0	-27.10	PASS
Band26	5MHz	QPSK	27015	25RB#0	-27.33	PASS
Band26	5MHz	16QAM	26815	25RB#0	-28.52	PASS
Band26	5MHz	16QAM	27015	25RB#0	-25.56	PASS
Band26	10MHz	QPSK	26840	50RB#0	-30.67	PASS
Band26	10MHz	QPSK	26990	50RB#0	-30.20	PASS
Band26	10MHz	16QAM	26840	50RB#0	-31.40	PASS
Band26	10MHz	16QAM	26990	50RB#0	-29.46	PASS
Band26	15MHz	QPSK	26865	75RB#0	-31.99	PASS
Band26	15MHz	QPSK	26965	75RB#0	-30.50	PASS
Band26	15MHz	16QAM	26865	75RB#0	-32.27	PASS
Band26	15MHz	16QAM	26965	75RB#0	-31.53	PASS

Test Graphs

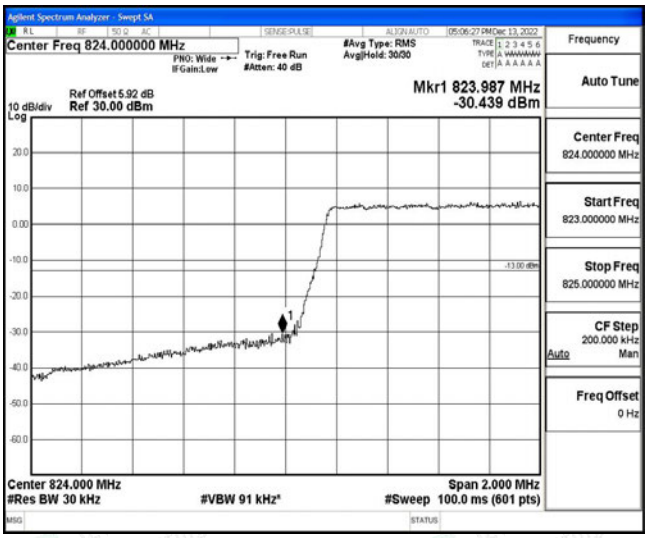
Band26-1.4MHz-QPSK-26797-6RB#0



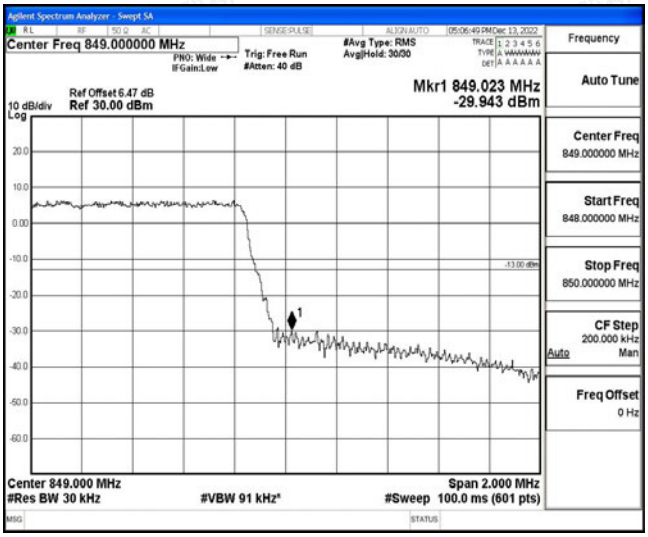
Band26-1.4MHz-QPSK-27033-6RB#0



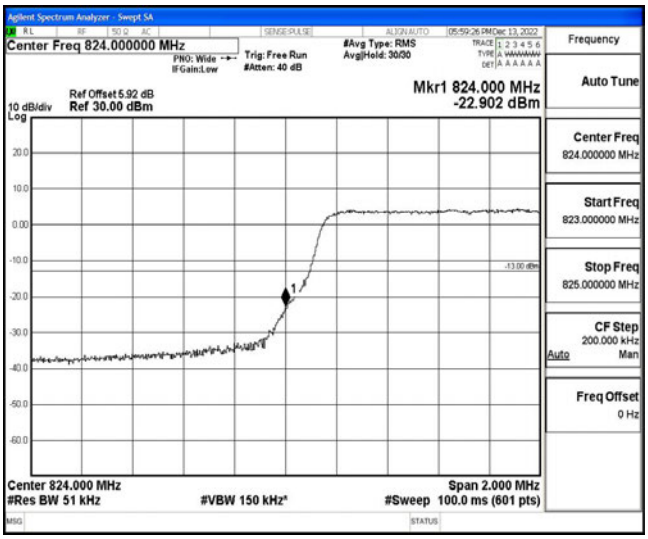
Band26-1.4MHz-16QAM-26797-6RB#0



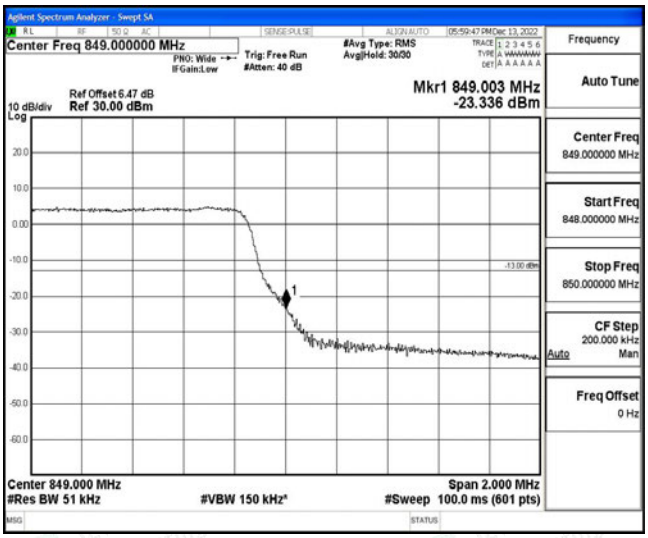
Band26-1.4MHz-16QAM-27033-6RB#0



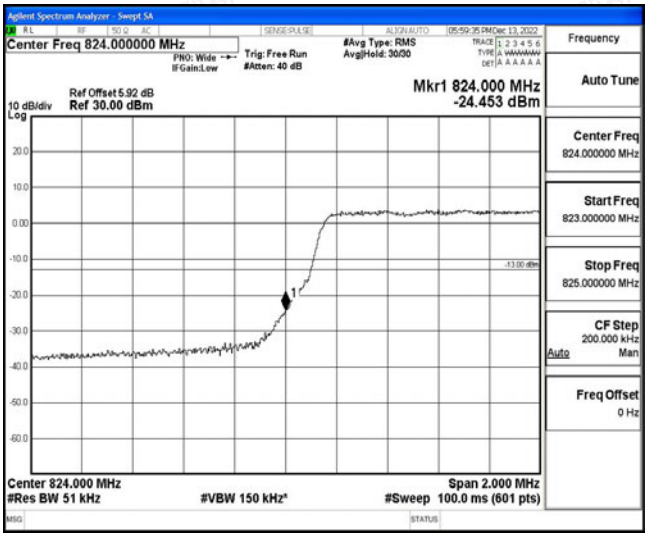
Band26-3MHz-QPSK-26805-15RB#0



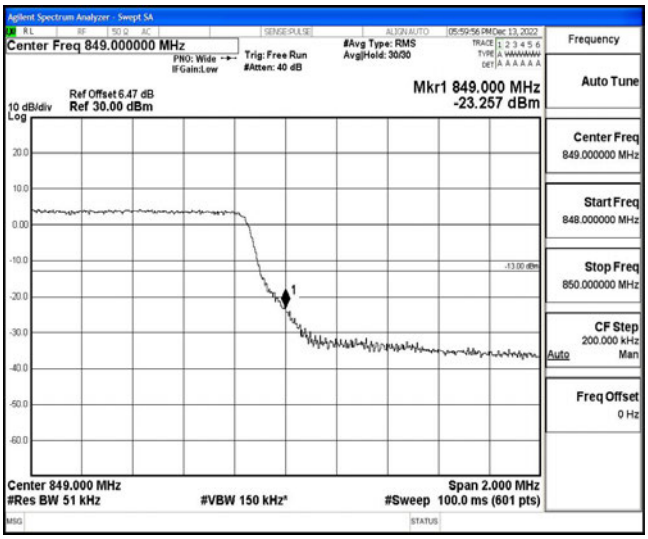
Band26-3MHz-QPSK-27025-15RB#0



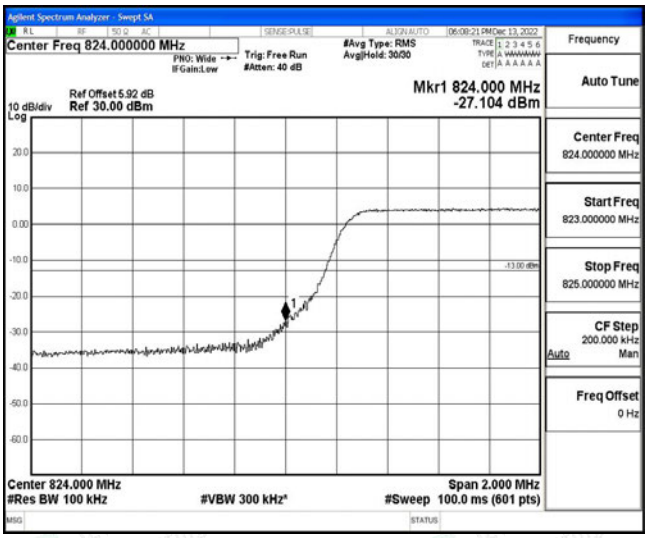
Band26-3MHz-16QAM-26805-15RB#0



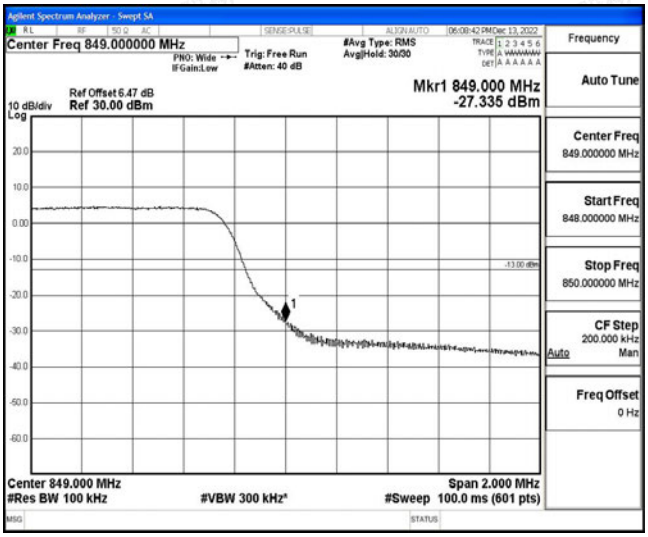
Band26-3MHz-16QAM-27025-15RB#0



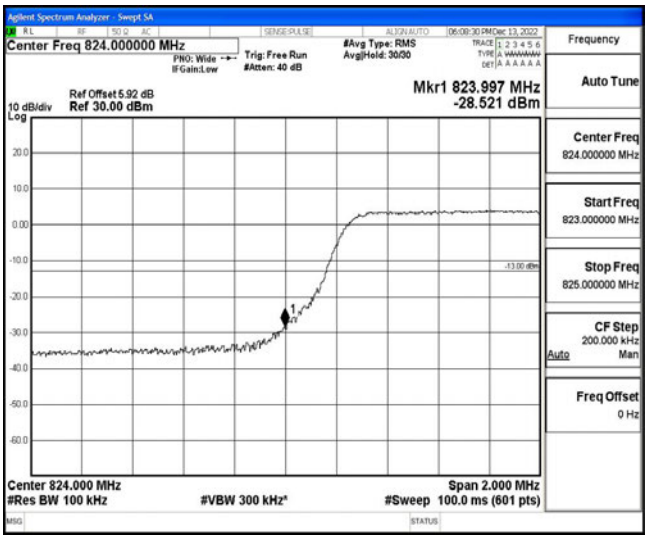
Band26-5MHz-QPSK-26815-25RB#0



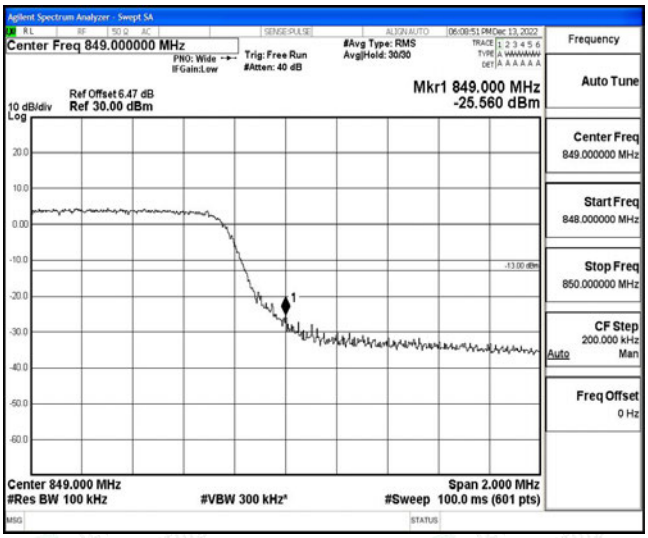
Band26-5MHz-QPSK-27015-25RB#0



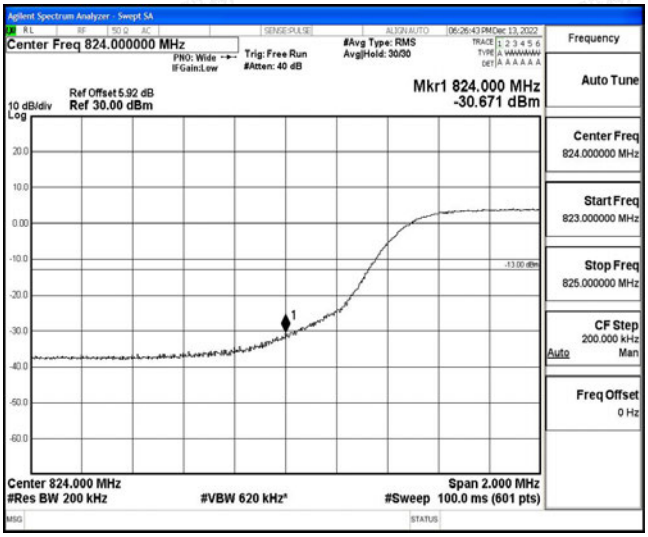
Band26-5MHz-16QAM-26815-25RB#0



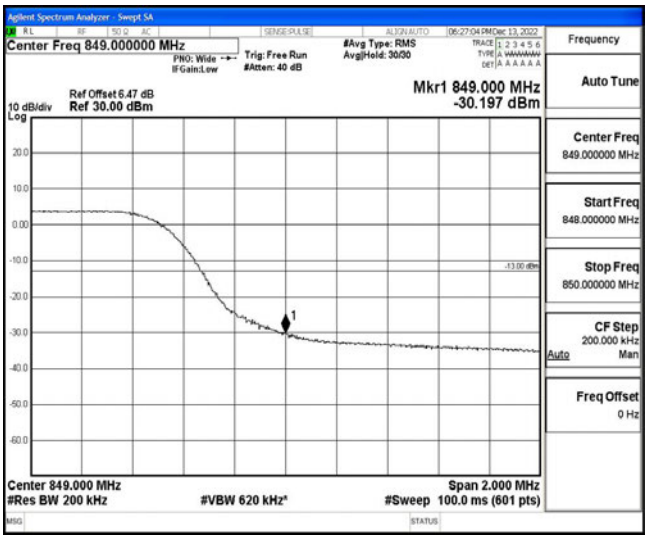
Band26-5MHz-16QAM-27015-25RB#0



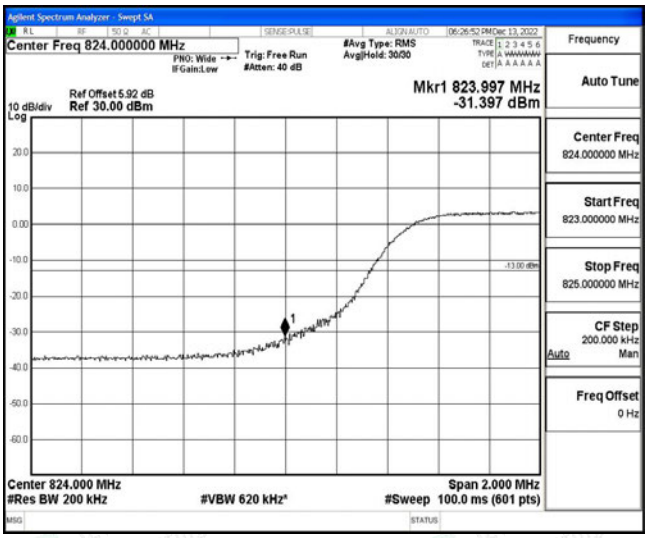
Band26-10MHz-QPSK-26840-50RB#0



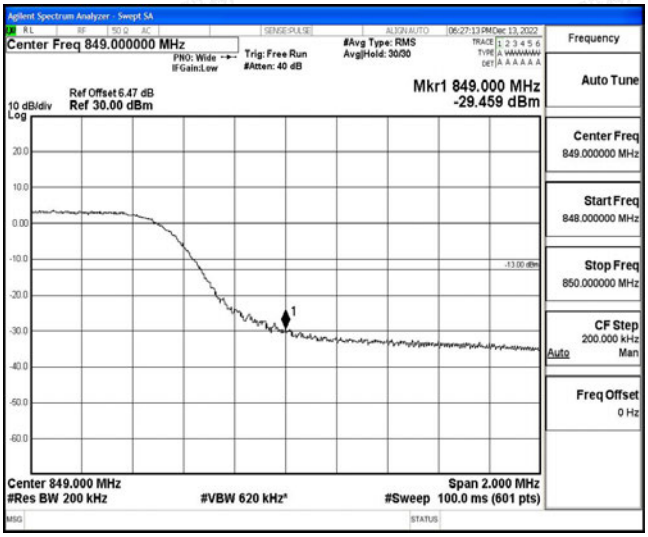
Band26-10MHz-QPSK-26990-50RB#0



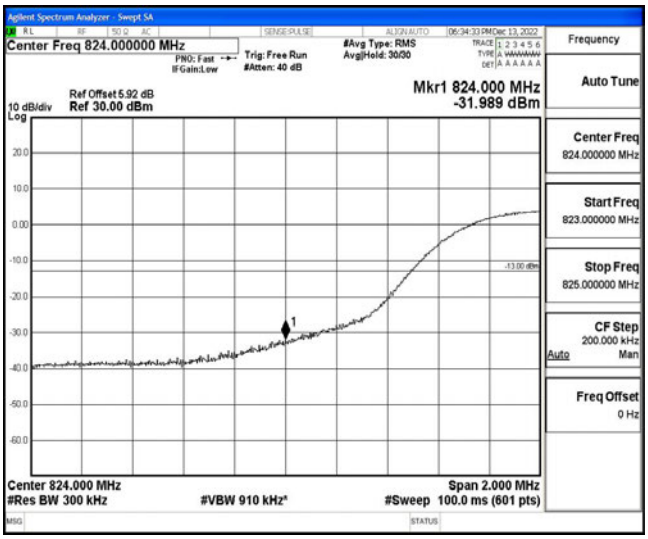
Band26-10MHz-16QAM-26840-50RB#0



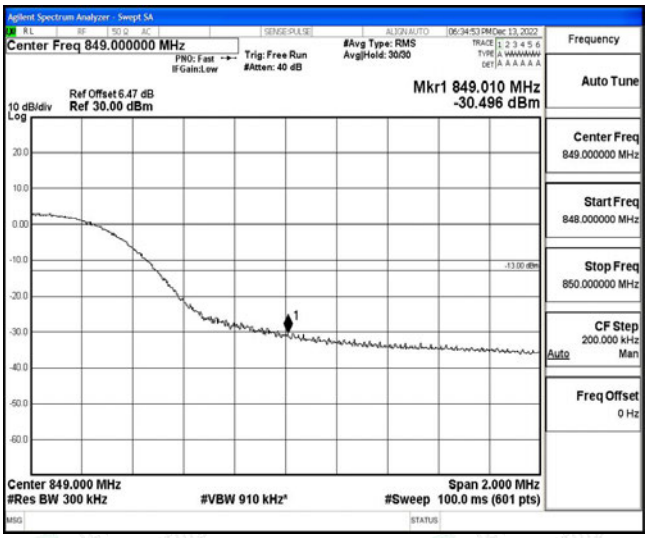
Band26-10MHz-16QAM-26990-50RB#0



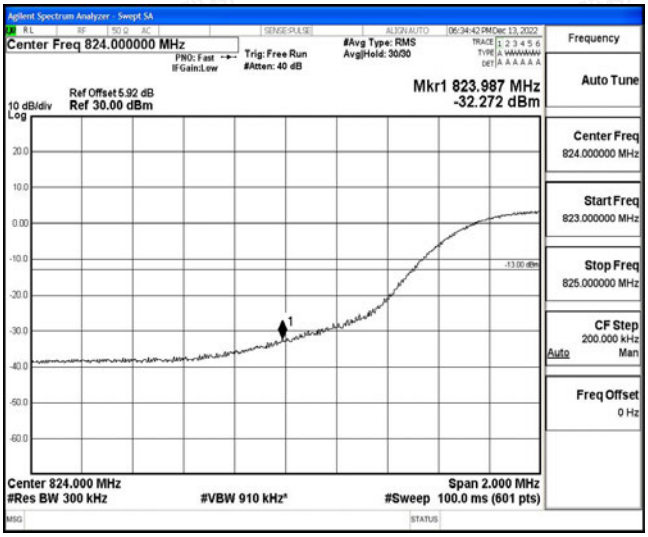
Band26-15MHz-QPSK-26865-75RB#0



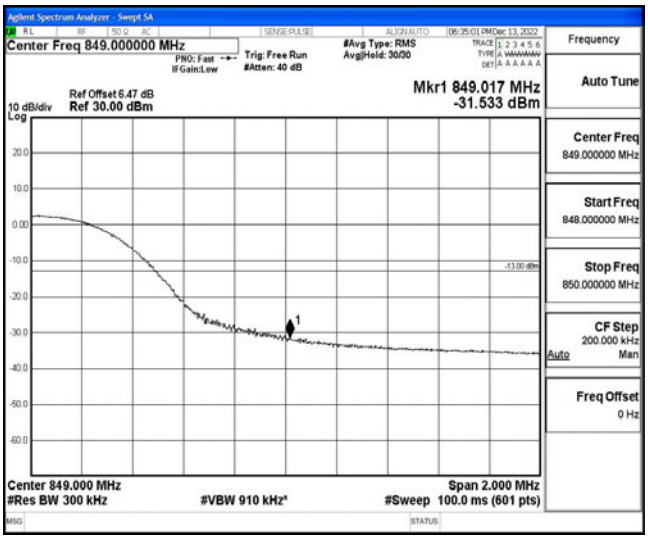
Band26-15MHz-QPSK-26965-75RB#0



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



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



G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	Range1:0.009~0.15MHz	-55.11	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	Range2:0.15~30MHz	-50.34	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	Range3:30~1000MHz	-40.11	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range1:0.009~0.15MHz	-56.4	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range4:1000~10000MHz	-44.71	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range1:0.009~0.15MHz	-55.14	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range2:0.15~30MHz	-51.52	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range1:0.009~0.15MHz	-54.97	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range1:0.009~0.15MHz	-56.03	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range2:0.15~30MHz	-52.21	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range3:30~1000MHz	-40.71	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	Range4:1000~10000MHz	-44.6	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range1:0.009~0.15MHz	-56.62	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range2:0.15~30MHz	-52.55	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range3:30~1000MHz	-40.6	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range1:0.009~0.15MHz	-56.51	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range2:0.15~30MHz	-51.29	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range3:30~1000MHz	-41.41	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range4:1000~10000MHz	-44.44	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range1:0.009~0.15MHz	-56.11	PASS

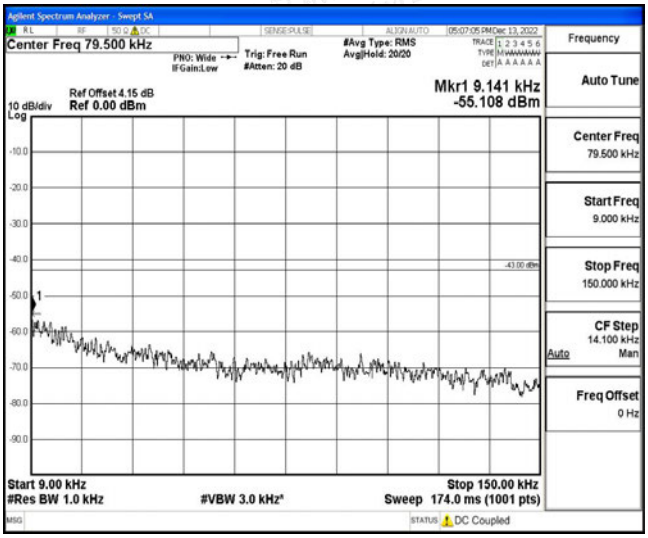
Band26	3MHz	QPSK	27025	1RB#0	Range2:0.15~30MHz	-52.01	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range1:0.009~0.15MHz	-53.02	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range2:0.15~30MHz	-52.08	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range3:30~1000MHz	-40.56	PASS
Band26	3MHz	16QAM	26805	1RB#0	Range4:1000~10000MHz	-44.5	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range1:0.009~0.15MHz	-54.55	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range2:0.15~30MHz	-52.06	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range3:30~1000MHz	-41.27	PASS
Band26	3MHz	16QAM	26915	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range1:0.009~0.15MHz	-55.73	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range2:0.15~30MHz	-50.4	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range3:30~1000MHz	-41	PASS
Band26	3MHz	16QAM	27025	1RB#0	Range4:1000~10000MHz	-45	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range1:0.009~0.15MHz	-55.82	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range2:0.15~30MHz	-50.73	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range1:0.009~0.15MHz	-55.7	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range2:0.15~30MHz	-50.68	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range3:30~1000MHz	-40.09	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range1:0.009~0.15MHz	-55.37	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range2:0.15~30MHz	-52.31	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band26	5MHz	16QAM	26815	1RB#0	Range1:0.009~0.15MHz	-55.91	PASS
Band26	5MHz	16QAM	26815	1RB#0	Range2:0.15~30MHz	-50.66	PASS
Band26	5MHz	16QAM	26815	1RB#0	Range3:30~1000MHz	-41.16	PASS
Band26	5MHz	16QAM	26815	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band26	5MHz	16QAM	26915	1RB#0	Range1:0.009~0.15MHz	-54.51	PASS
Band26	5MHz	16QAM	26915	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band26	5MHz	16QAM	26915	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band26	5MHz	16QAM	26915	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band26	5MHz	16QAM	27015	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band26	5MHz	16QAM	27015	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band26	5MHz	16QAM	27015	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band26	5MHz	16QAM	27015	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band26	10MHz	QPSK	26840	1RB#0	Range1:0.009~0.15MHz	-55.3	PASS

Band26	10MHz	QPSK	26840	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band26	10MHz	QPSK	26840	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range1:0.009~0.15MHz	-55.64	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range1:0.009~0.15MHz	-55.01	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range2:0.15~30MHz	-52.61	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band26	10MHz	16QAM	26840	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band26	10MHz	16QAM	26840	1RB#0	Range2:0.15~30MHz	-50.24	PASS
Band26	10MHz	16QAM	26840	1RB#0	Range3:30~1000MHz	-40.8	PASS
Band26	10MHz	16QAM	26840	1RB#0	Range4:1000~10000MHz	-45	PASS
Band26	10MHz	16QAM	26915	1RB#0	Range1:0.009~0.15MHz	-56.63	PASS
Band26	10MHz	16QAM	26915	1RB#0	Range2:0.15~30MHz	-50.85	PASS
Band26	10MHz	16QAM	26915	1RB#0	Range3:30~1000MHz	-40.91	PASS
Band26	10MHz	16QAM	26915	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band26	10MHz	16QAM	26990	1RB#0	Range1:0.009~0.15MHz	-55.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band26	10MHz	16QAM	26990	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band26	10MHz	16QAM	26990	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range1:0.009~0.15MHz	-56.69	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range2:0.15~30MHz	-50.72	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range1:0.009~0.15MHz	-54.81	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range2:0.15~30MHz	-50.66	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range3:30~1000MHz	-40.09	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range2:0.15~30MHz	-50.23	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band26	15MHz	16QAM	26865	1RB#0	Range1:0.009~0.15MHz	-54.11	PASS
Band26	15MHz	16QAM	26865	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band26	15MHz	16QAM	26865	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band26	15MHz	16QAM	26865	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band26	15MHz	16QAM	26915	1RB#0	Range1:0.009~0.15MHz	-55	PASS

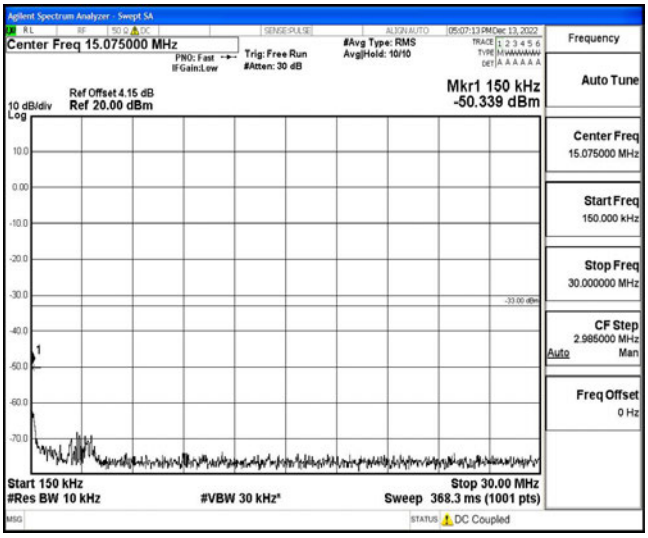
Band26	15MHz	16QAM	26915	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band26	15MHz	16QAM	26915	1RB#0	Range3:30~1000MHz	-41.1	PASS
Band26	15MHz	16QAM	26915	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band26	15MHz	16QAM	26965	1RB#0	Range1:0.009~0.15MHz	-55.14	PASS
Band26	15MHz	16QAM	26965	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band26	15MHz	16QAM	26965	1RB#0	Range3:30~1000MHz	-41.16	PASS
Band26	15MHz	16QAM	26965	1RB#0	Range4:1000~10000MHz	-45.04	PASS

Test Graphs

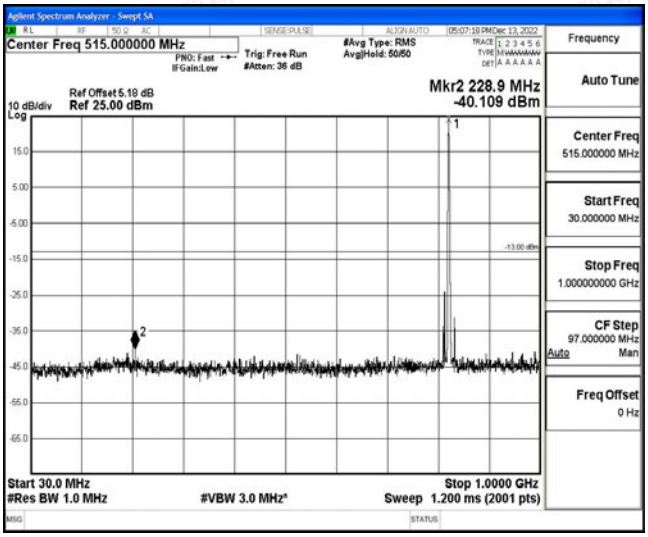
Band26-1.4MHz-QPSK-26797-1RB#0-Range1:0.009~0.15MHz



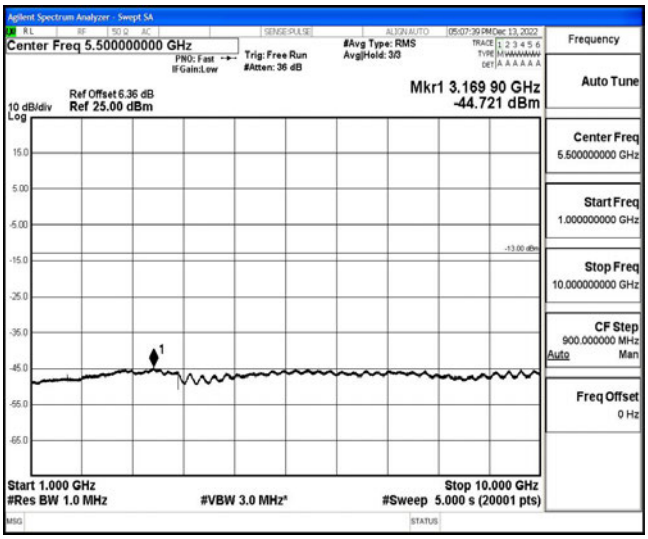
Band26-1.4MHz-QPSK-26797-1RB#0-Range2:0.15~30MHz



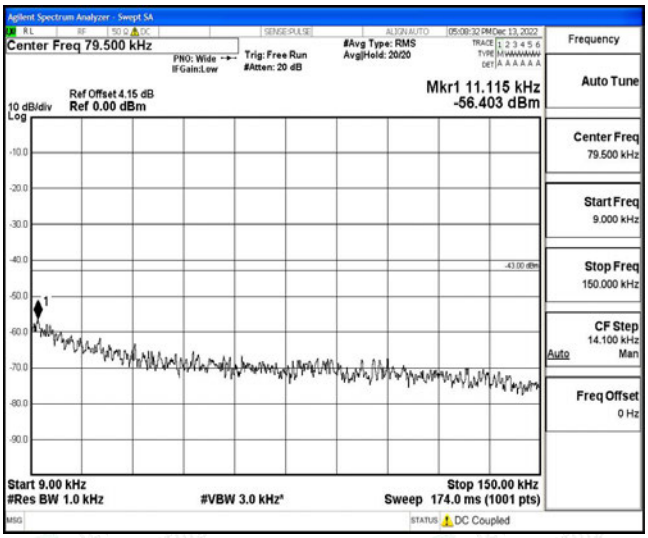
Band26-1.4MHz-QPSK-26797-1RB#0-Range3:30~1000MHz



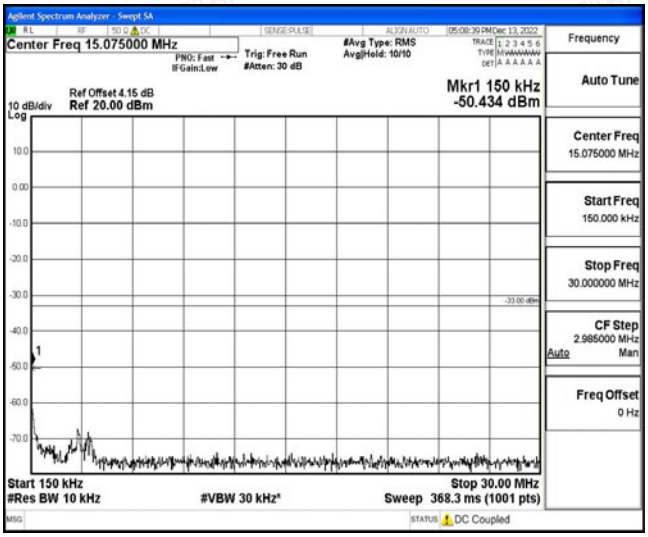
Band26-1.4MHz-QPSK-26797-1RB#0-Range4:1000~10000MHz



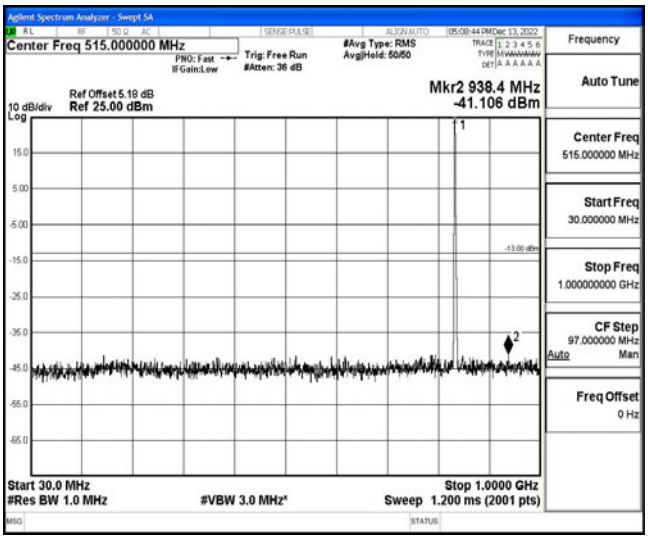
Band26-1.4MHz-QPSK-26915-1RB#0-Range1:0.009~0.15MHz



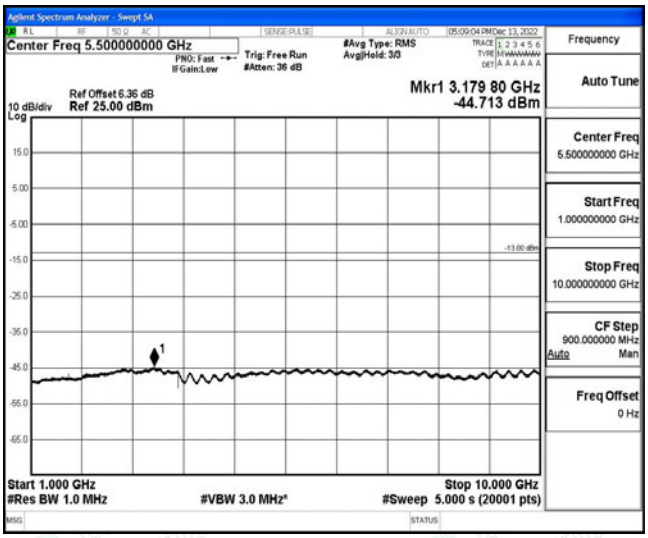
Band26-1.4MHz-QPSK-26915-1RB#0-Range2:0.15~30MHz



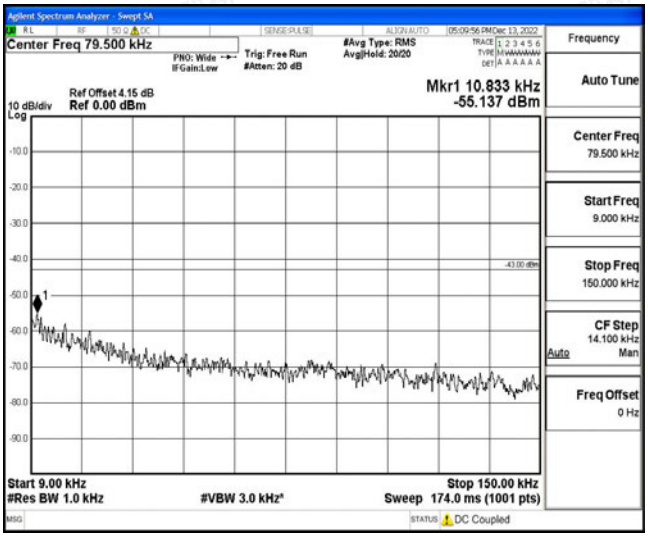
Band26-1.4MHz-QPSK-26915-1RB#0-Range3:30~1000MHz



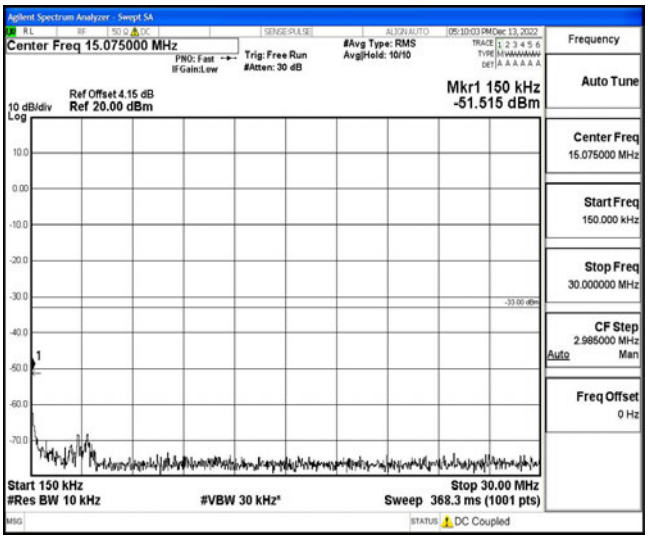
Band26-1.4MHz-QPSK-26915-1RB#0-Range4:1000~10000MHz



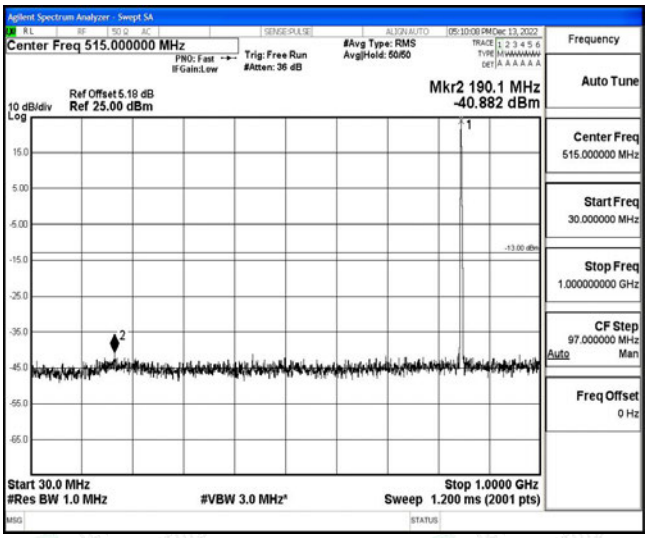
Band26-1.4MHz-QPSK-27033-1RB#0-Range1:0.009~0.15MHz



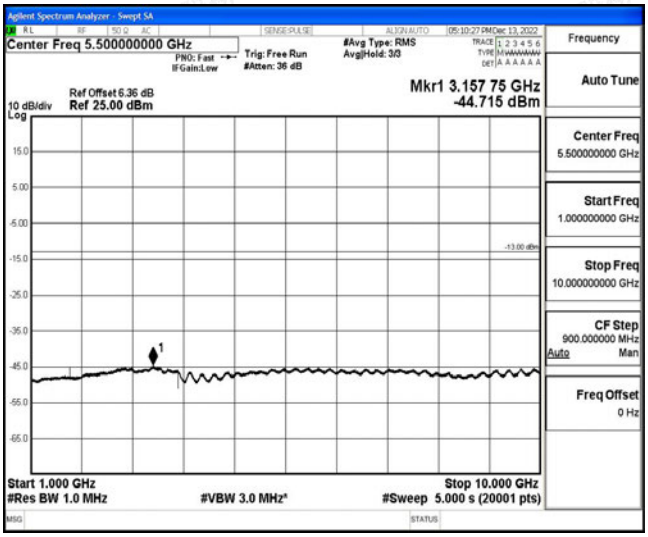
Band26-1.4MHz-QPSK-27033-1RB#0-Range2:0.15~30MHz



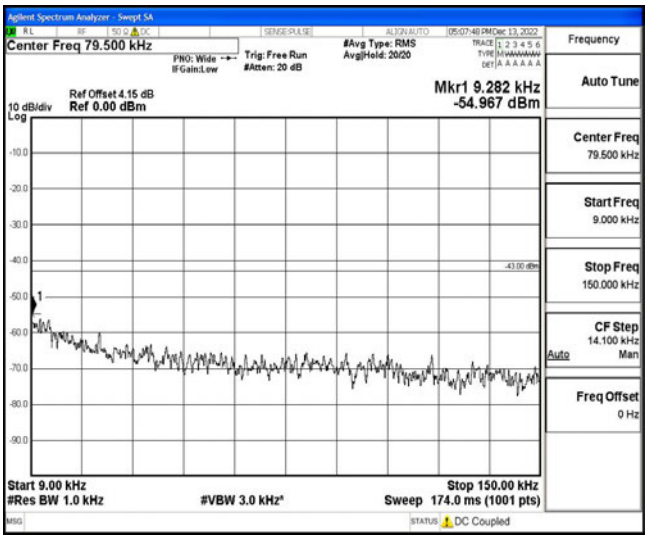
Band26-1.4MHz-QPSK-27033-1RB#0-Range3:30~1000MHz



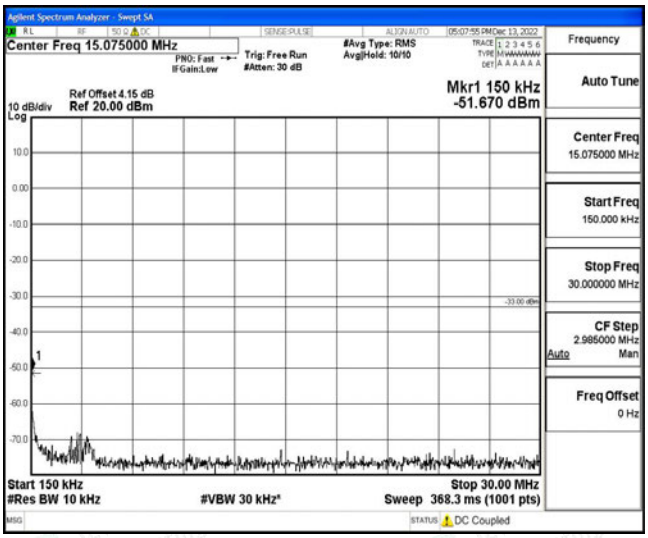
Band26-1.4MHz-QPSK-27033-1RB#0-Range4:1000~10000MHz



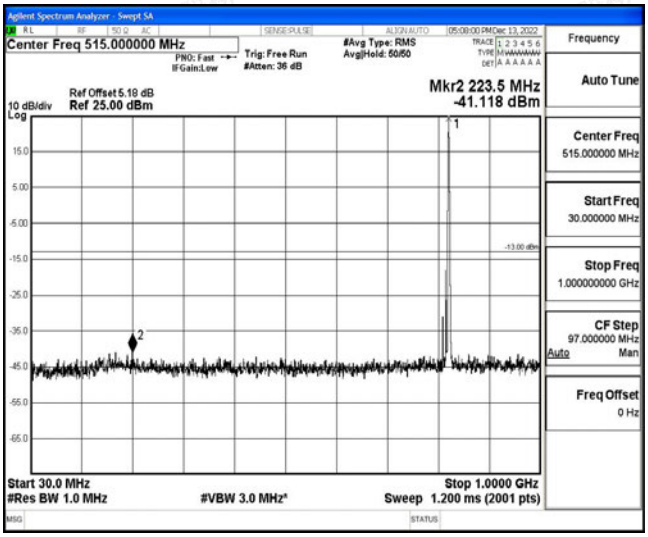
Band26-1.4MHz-16QAM-26797-1RB#0-Range1:0.009~0.15MHz



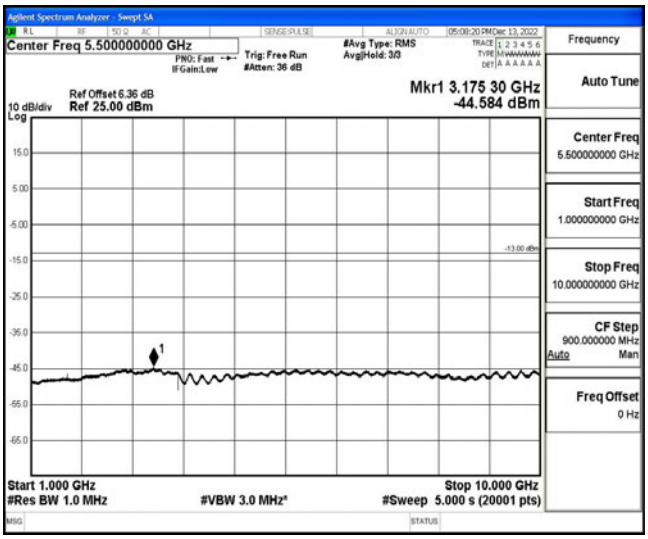
Band26-1.4MHz-16QAM-26797-1RB#0-Range2:0.15~30MHz



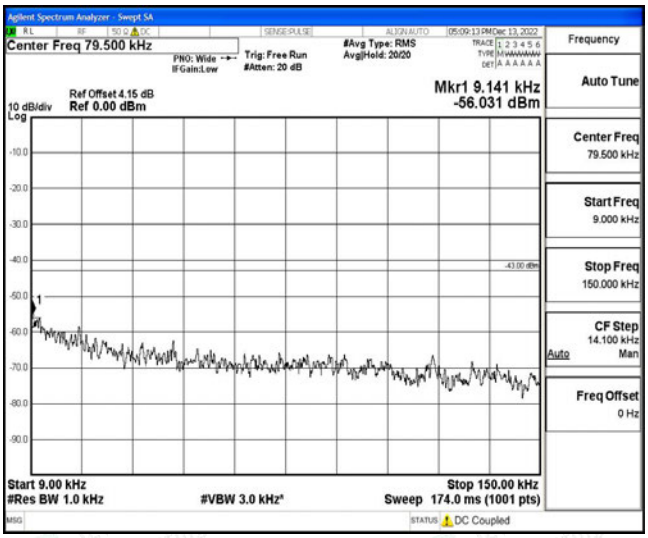
Band26-1.4MHz-16QAM-26797-1RB#0-Range3:30~1000MHz



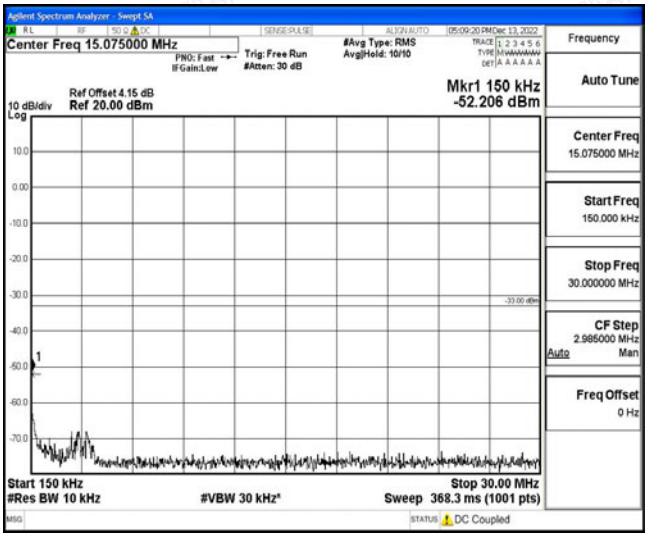
Band26-1.4MHz-16QAM-26797-1RB#0-Range4:1000~10000MHz



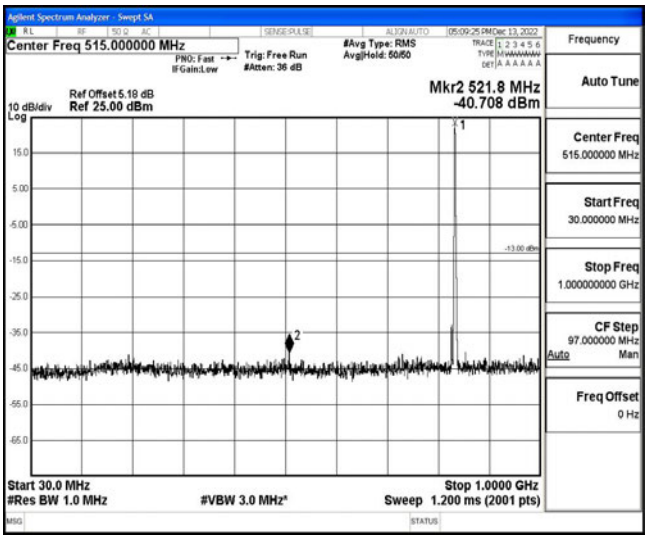
Band26-1.4MHz-16QAM-26915-1RB#0-Range1:0.009~0.15MHz



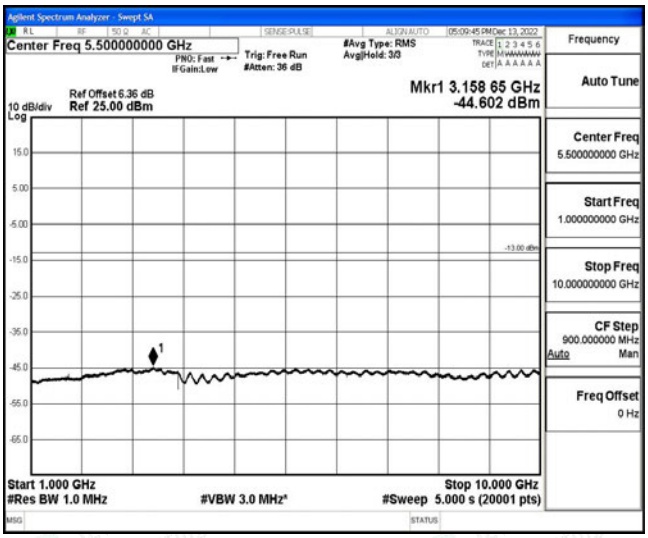
Band26-1.4MHz-16QAM-26915-1RB#0-Range2:0.15~30MHz



Band26-1.4MHz-16QAM-26915-1RB#0-Range3:30~1000MHz



Band26-1.4MHz-16QAM-26915-1RB#0-Range4:1000~10000MHz



Band26-1.4MHz-16QAM-27033-1RB#0-Range1:0.009~0.15MHz