Appendix G: Test Data for E-UTRA Band 12

Product Name: MOBILE PHONE
Test Model: PADUA

Environmental Conditions

Temperature:	23.9 ° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan

G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.46	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.40	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.33	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.33	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.37	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.40	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.28	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.35	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.35	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.46	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.39	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.47	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.45	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.45	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.39	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.46	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.19	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.14	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.24	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.19	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.20	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.24	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.20	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.41	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.19	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.24	PASS

Band12	1.4MHz	16QAM	23095	3RB#1	21.21	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.27	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.20	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.36	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.12	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.26	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.16	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.24	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.48	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.46	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.44	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.40	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.47	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.46	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.50	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.45	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.42	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.50	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.45	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.52	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.45	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.50	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.49	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.48	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.56	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.57	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.51	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.55	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.53	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.45	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.23	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.45	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.43	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.46	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.46	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.45	PASS

Band12	3MHz	16QAM	23025	15RB#0	20.41	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.50	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.47	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.47	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.50	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.49	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.47	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.43	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.42	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.46	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.43	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.61	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.55	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.51	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.54	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.24	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.45	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.31	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.33	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.32	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.39	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.36	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.25	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.45	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.31	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.38	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.38	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.41	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.40	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.45	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.33	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.36	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.38	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.32	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.37	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.21	PASS

Band12	5MHz	16QAM	23035	1RB#12	21.50	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.30	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.35	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.38	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.29	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.24	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.52	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.26	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.38	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.37	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.39	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.30	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.30	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.32	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.18	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.49	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.44	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.41	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.35	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.49	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.29	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.52	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.49	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.52	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.49	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.42	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.56	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.26	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.56	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.52	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.56	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.51	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.31	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.49	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.35	PASS

Band12	10MHz	QPSK	23130	25RB#0	21.44	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.42	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.34	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.33	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.10	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.47	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.34	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.49	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.47	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.49	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.52	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.37	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.34	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.14	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.41	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.48	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.47	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.10	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.35	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.33	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.44	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.37	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.35	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.41	PASS

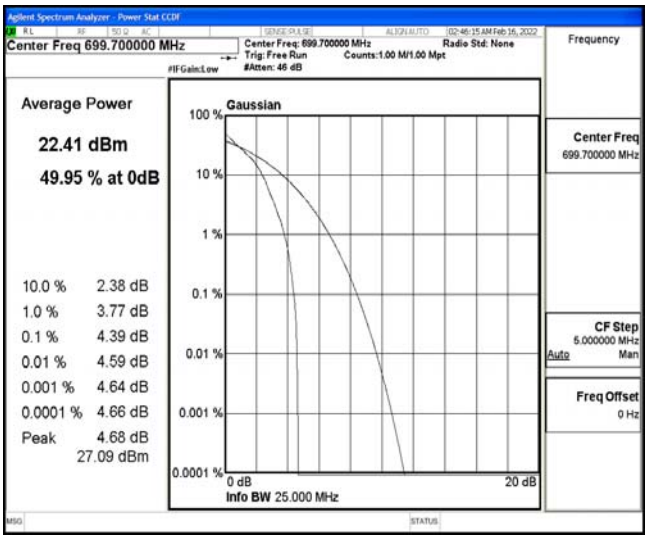
G.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.39	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.97	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.84	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.15	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.17	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.53	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.06	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.68	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.56	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.94	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.02	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.28	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.98	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.75	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.19	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.56	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.75	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.97	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.78	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.46	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.97	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.24	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.63	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.22	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.26	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.00	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.25	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.72	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.07	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.94	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.95	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.42	13	PASS

Band12	5MHz	16QAM	23155	25RB#0	5.80	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.25	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.31	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.88	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.26	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.79	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.17	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.09	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.01	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.01	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.94	13	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

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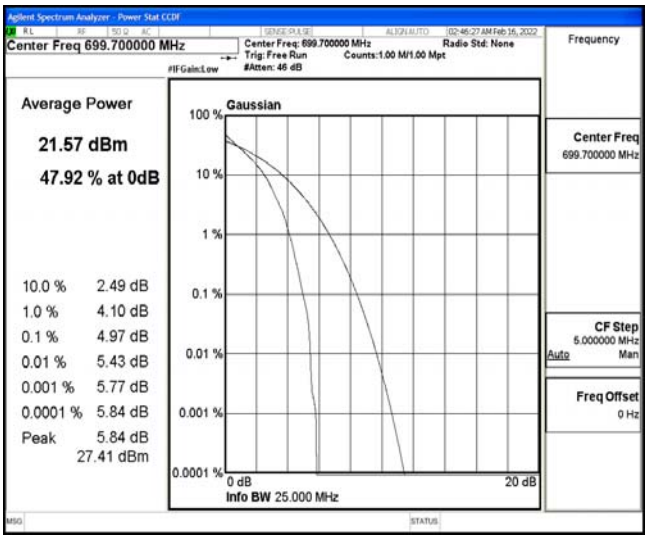
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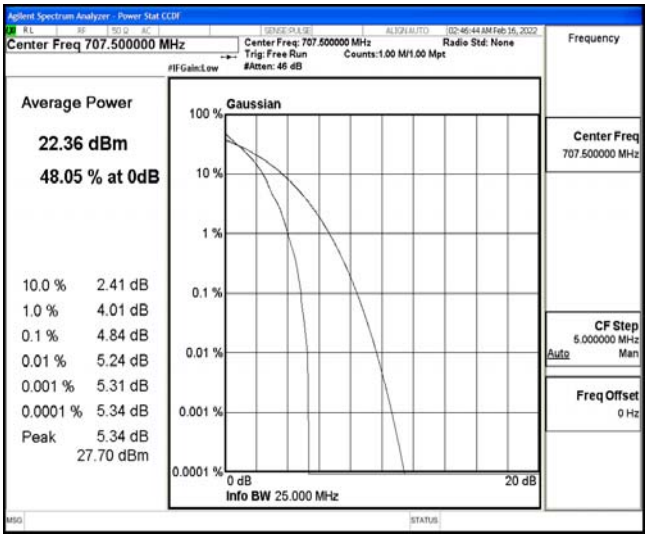

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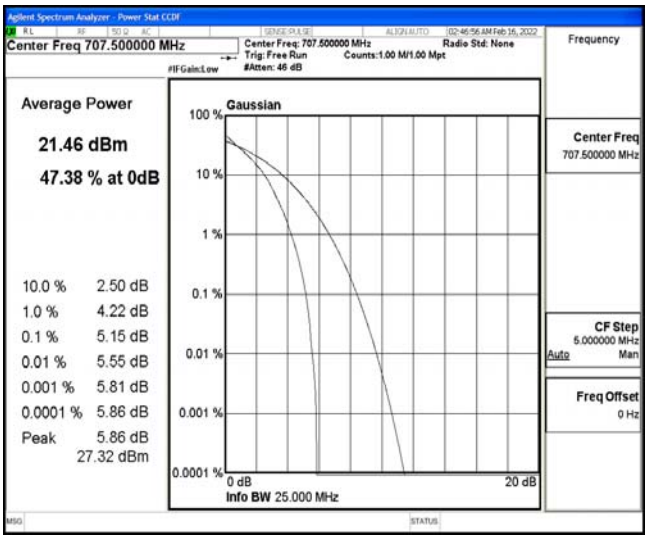
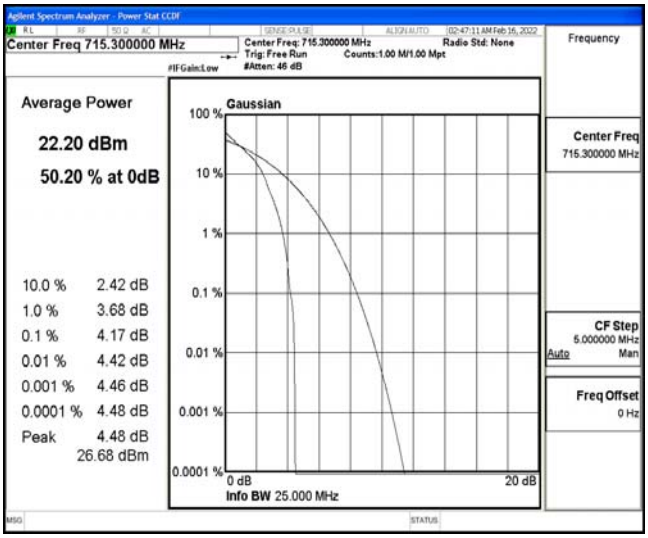


Band12-1.4MHz-QPSK-23173-1RB#0



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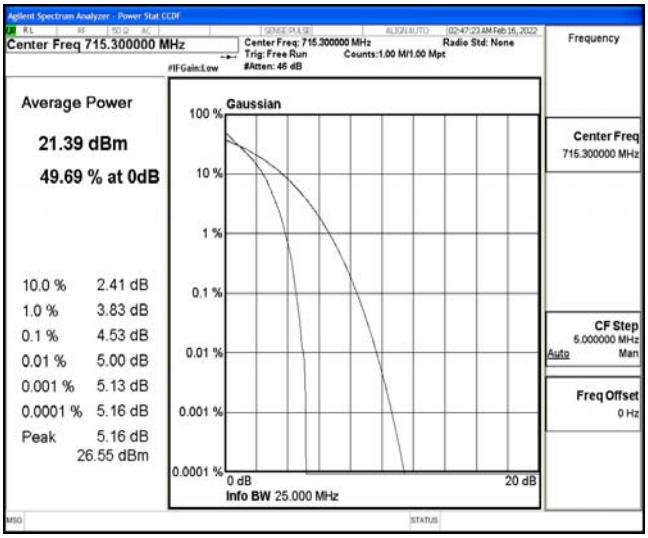
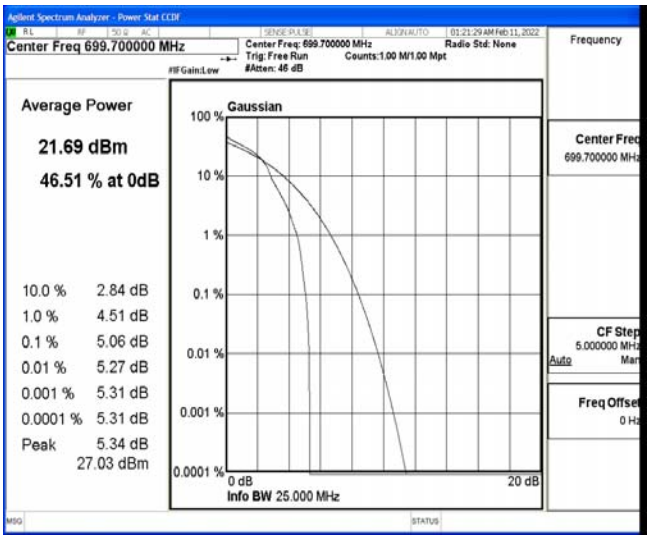


Band12-1.4MHz-16QAM-23017-1RB#0



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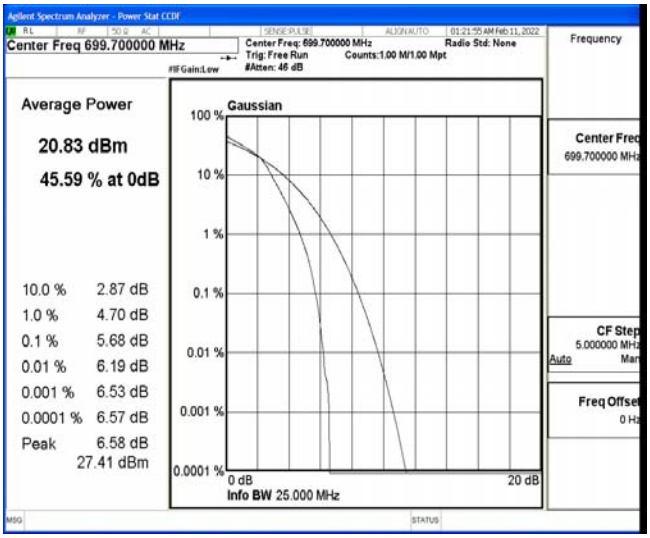
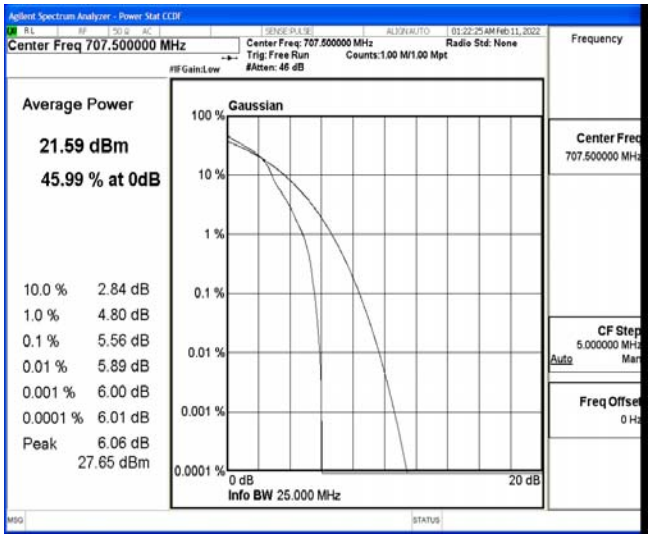
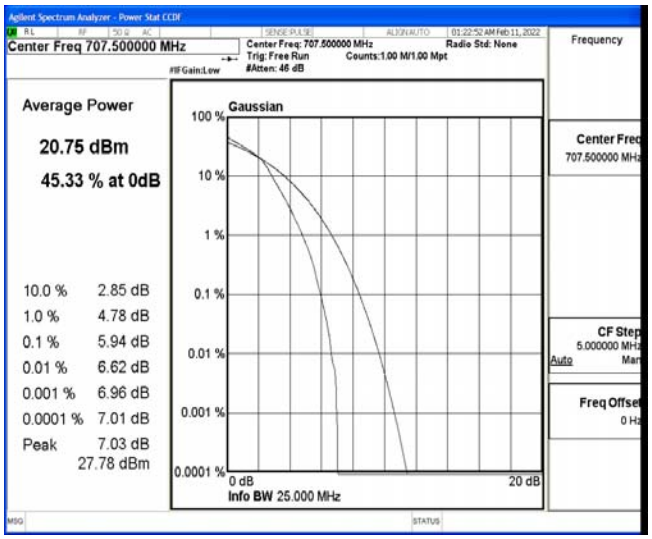


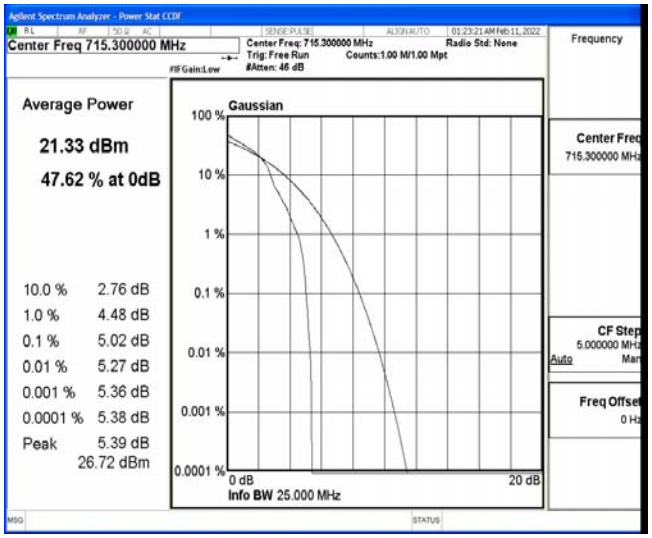
Band12-1.4MHz-16QAM-23095-1RB#0



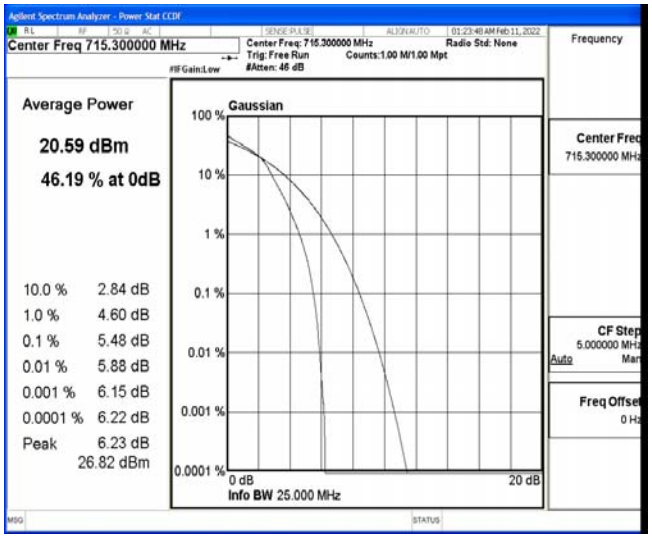
Band12-1.4MHz-16QAM-23095-6RB#0



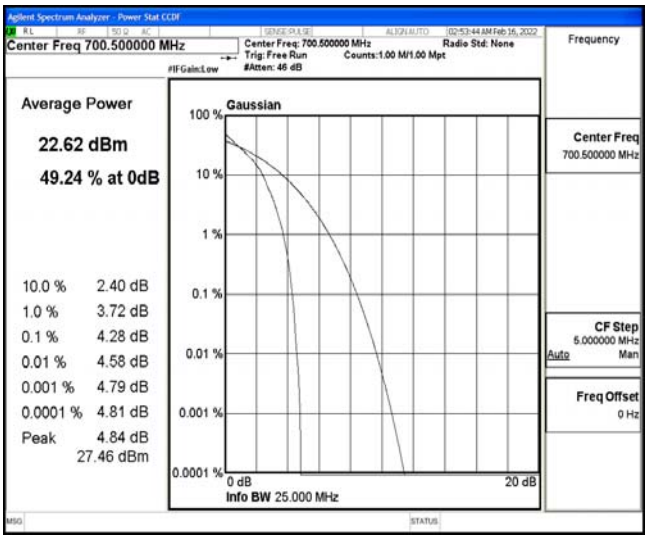
Band12-1.4MHz-16QAM-23173-1RB#0



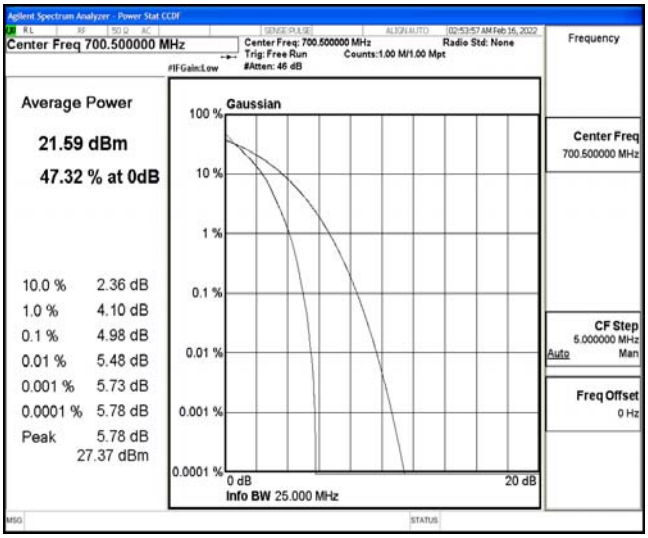
Band12-1.4MHz-16QAM-23173-6RB#0



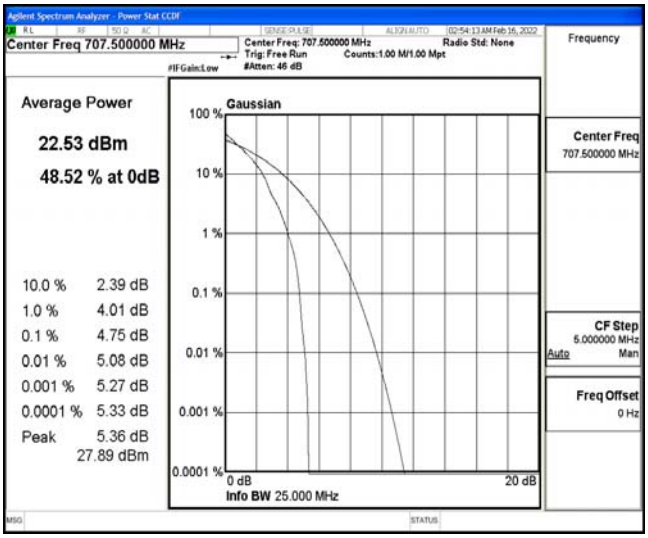
Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-1RB#0



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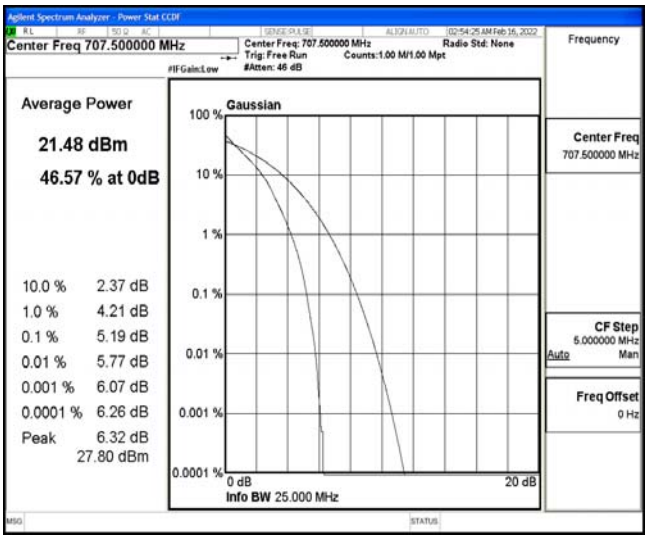

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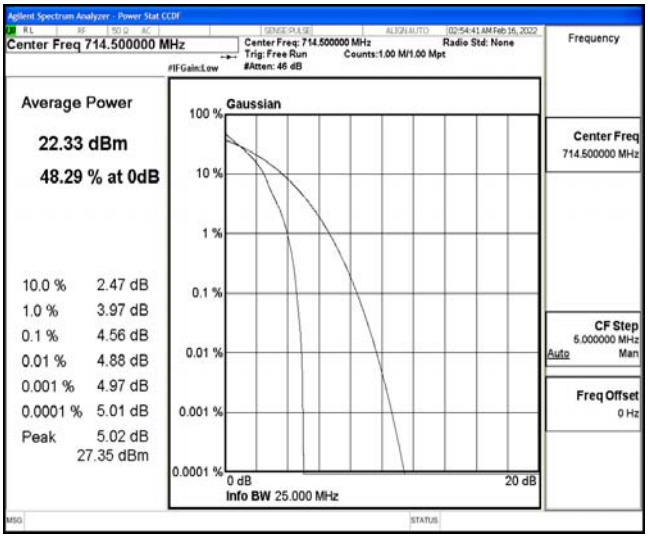

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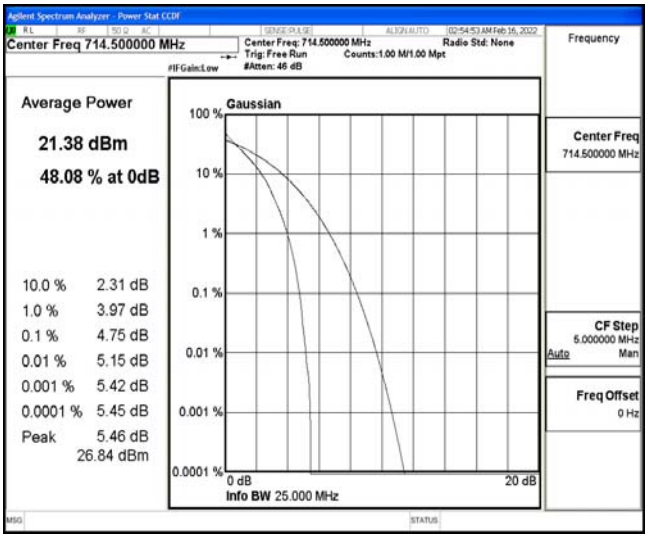

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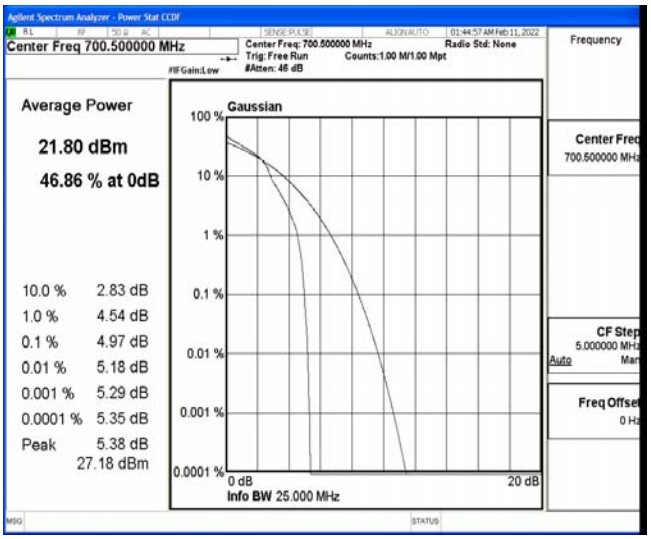

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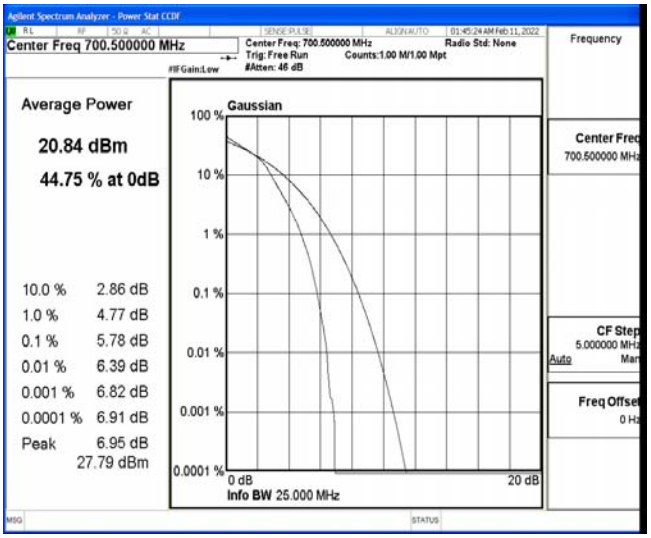

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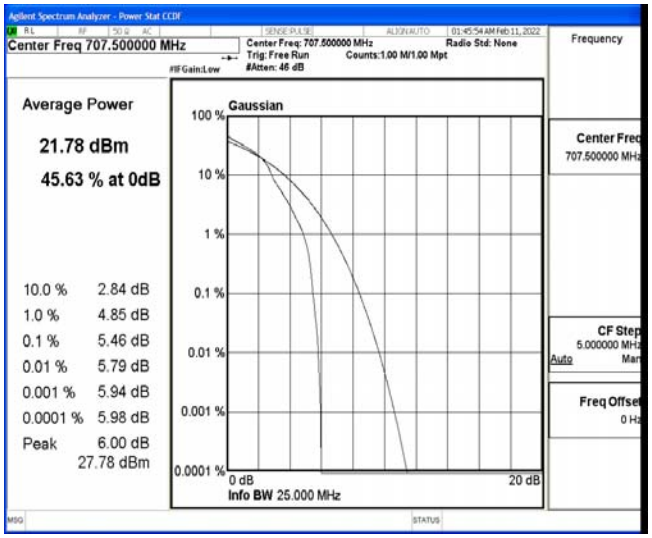

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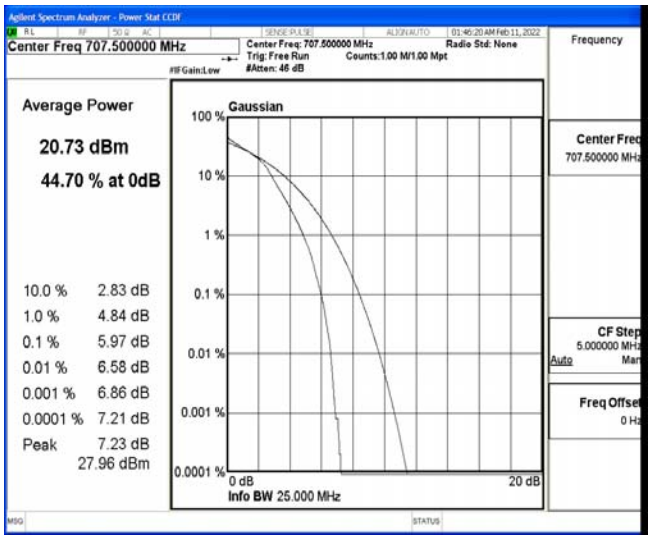

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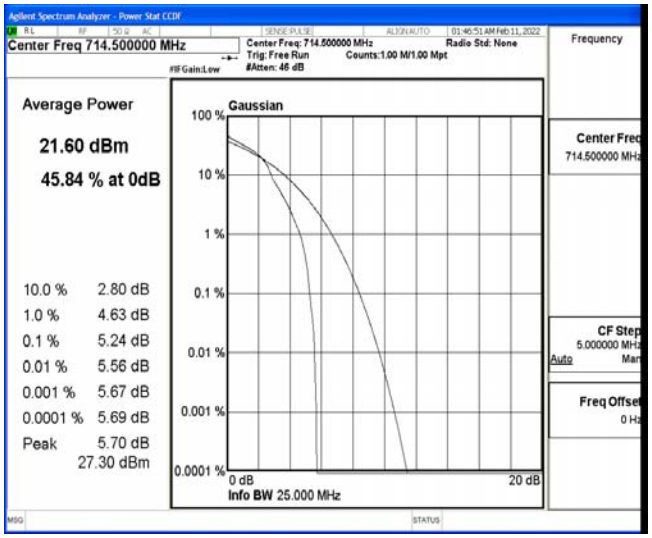

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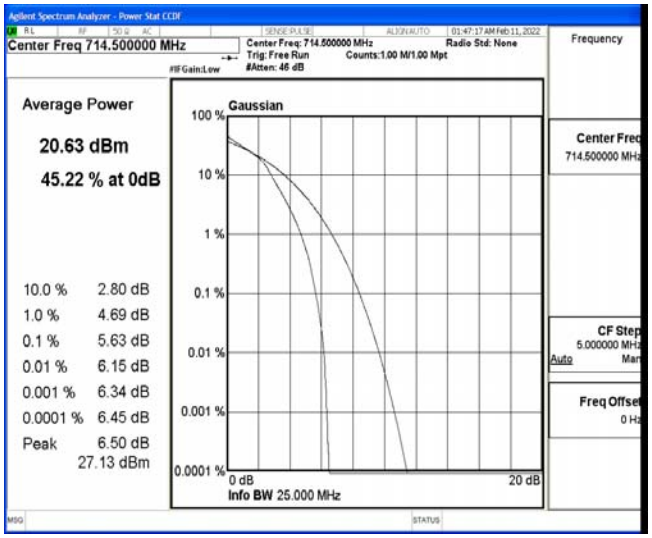

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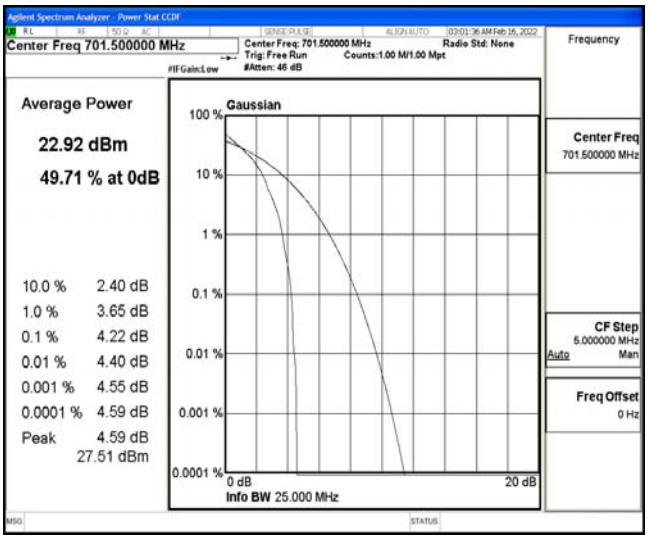

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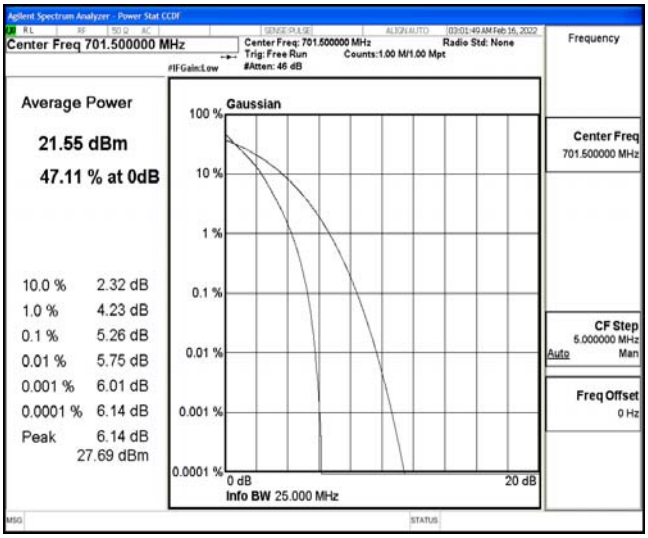

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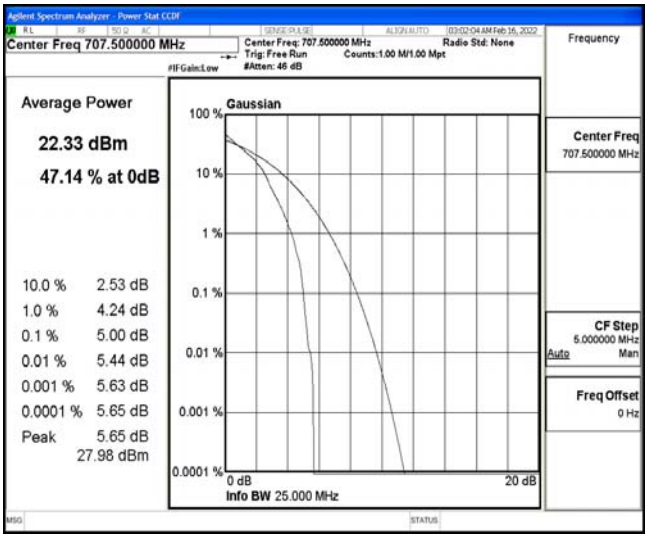

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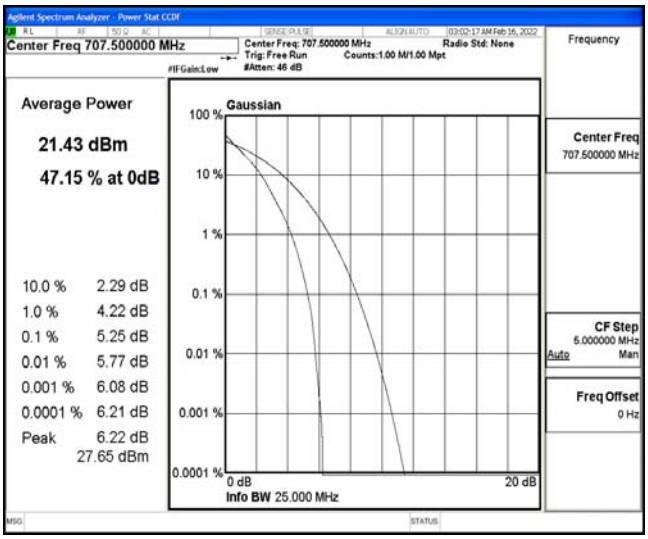

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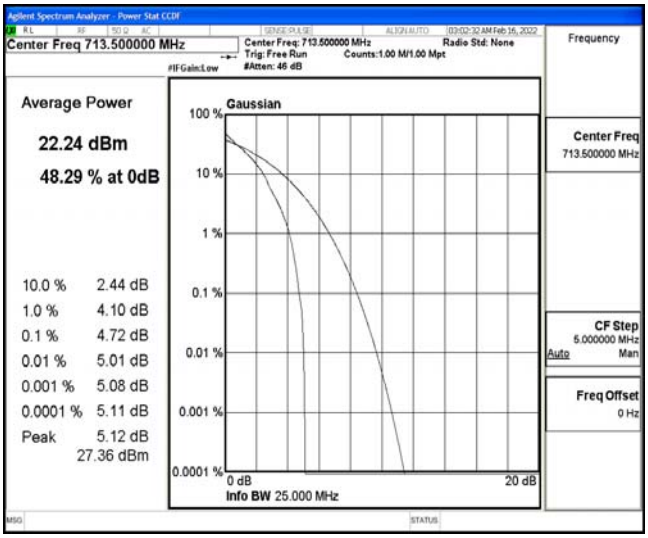

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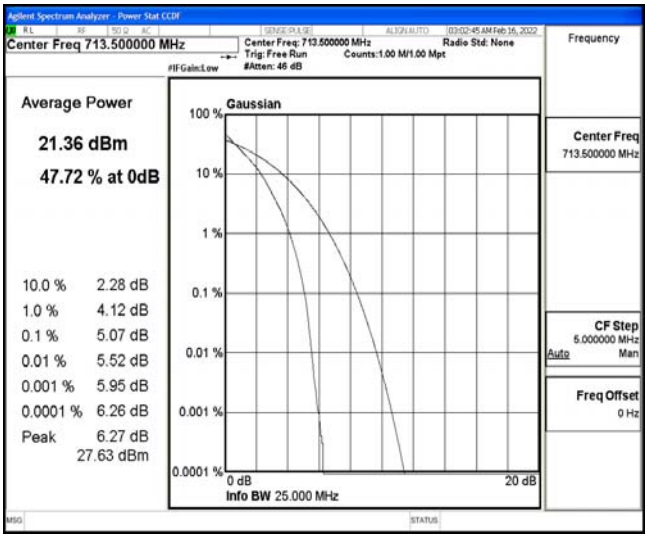

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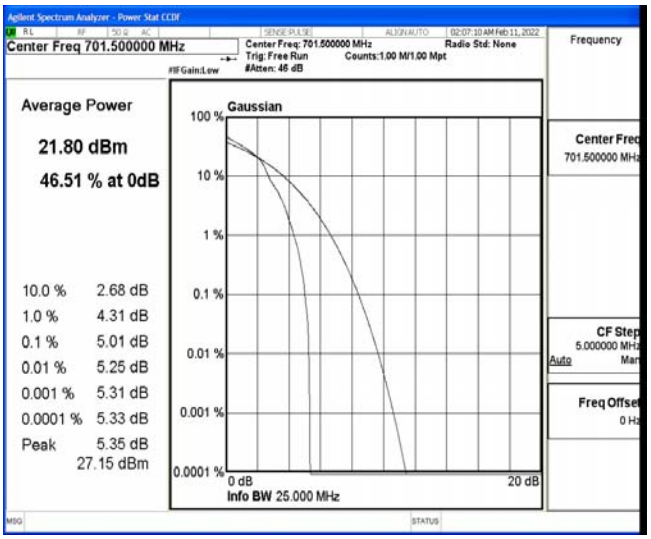

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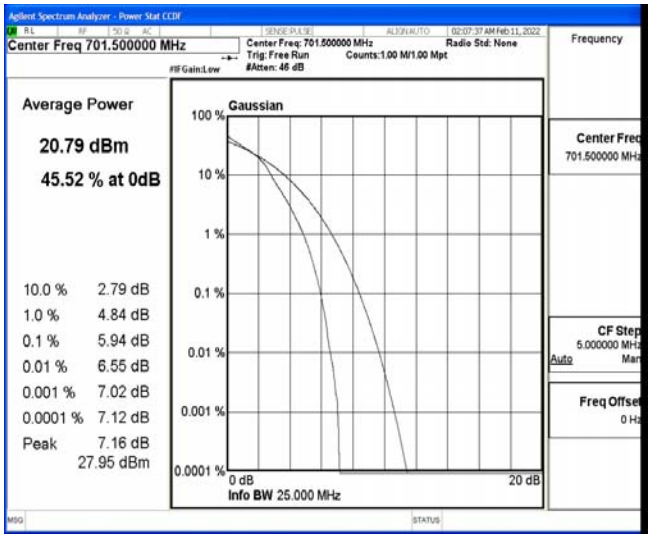

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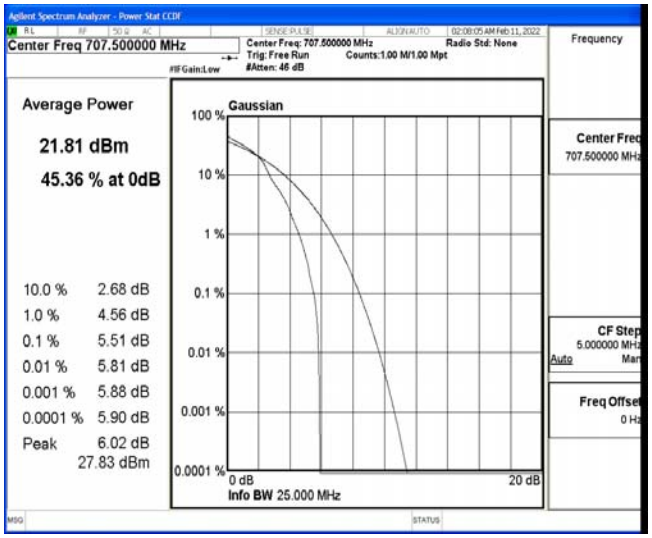

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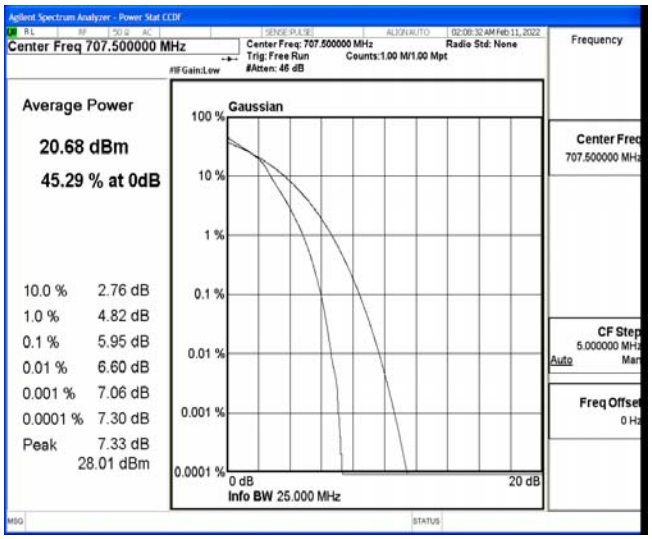

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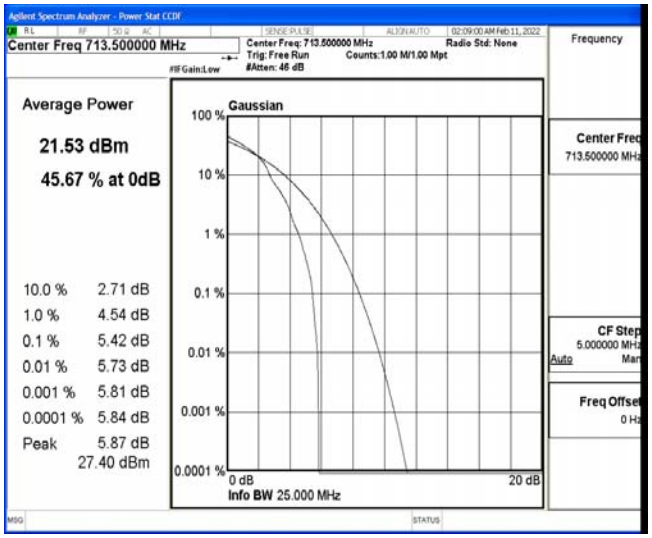

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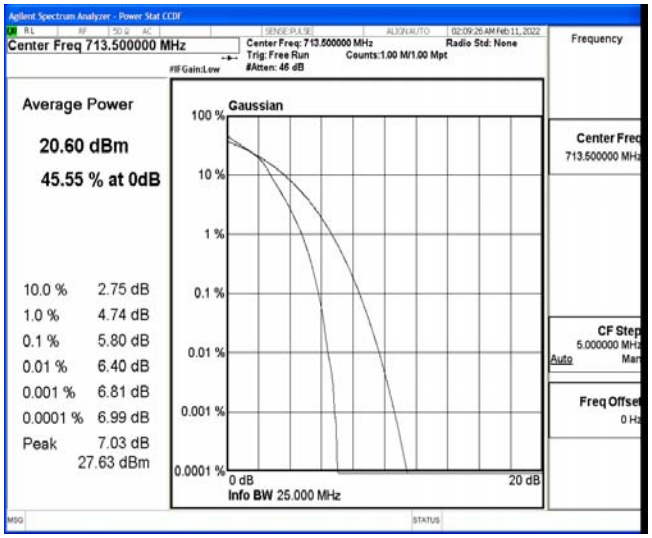

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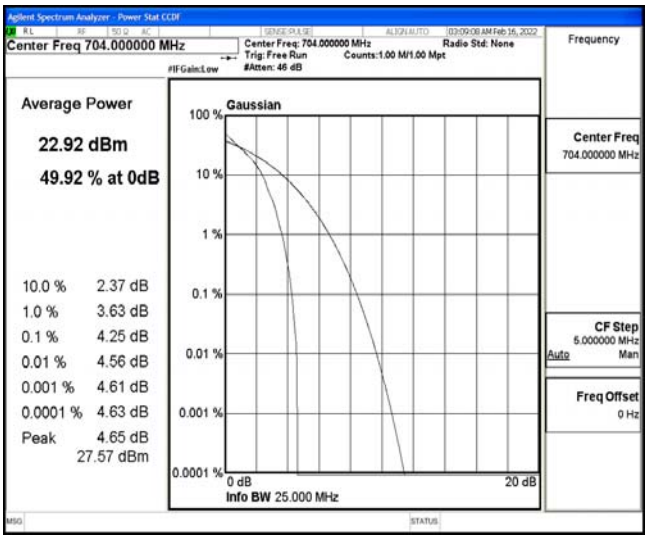

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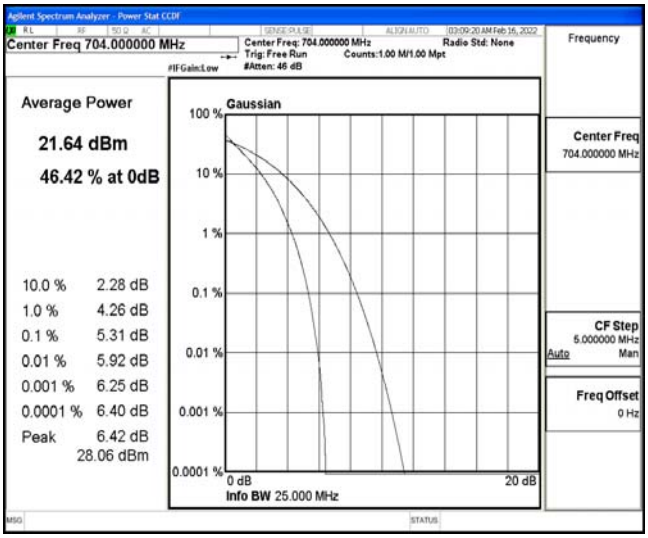

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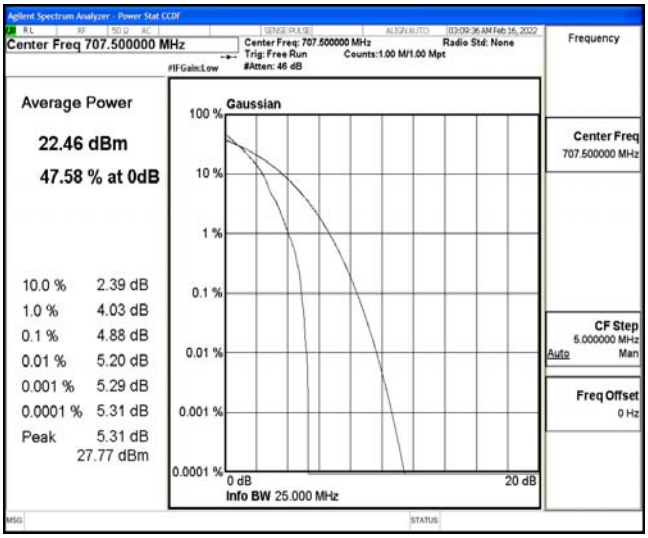

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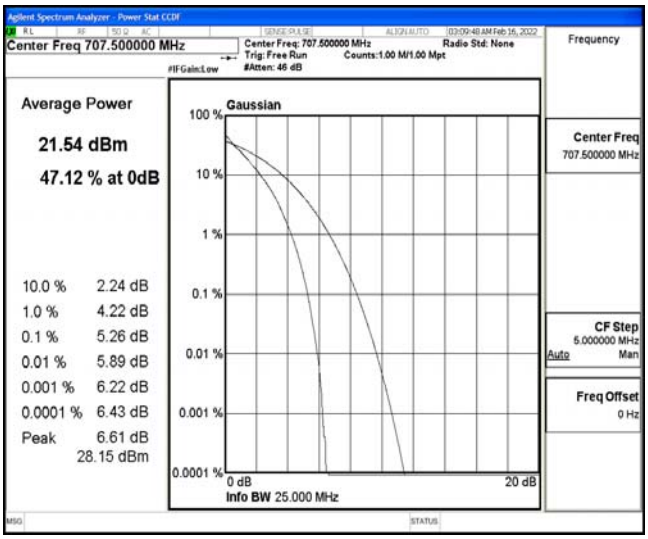

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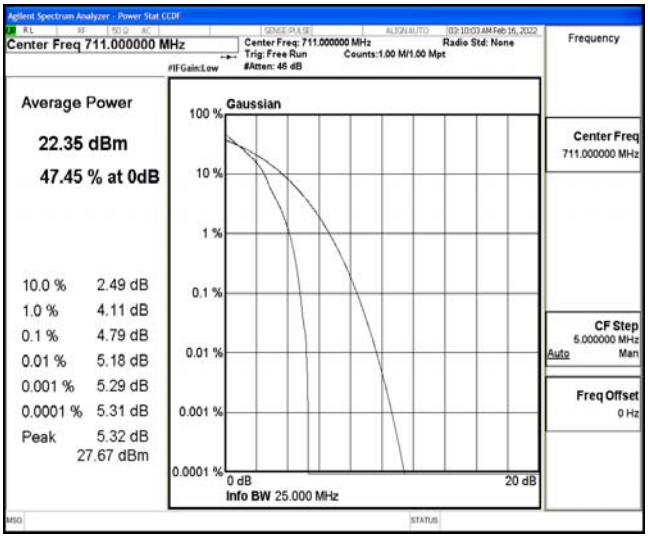

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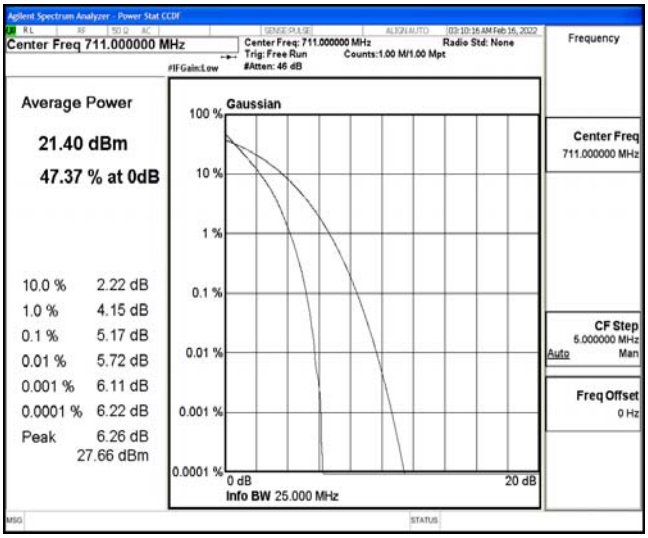

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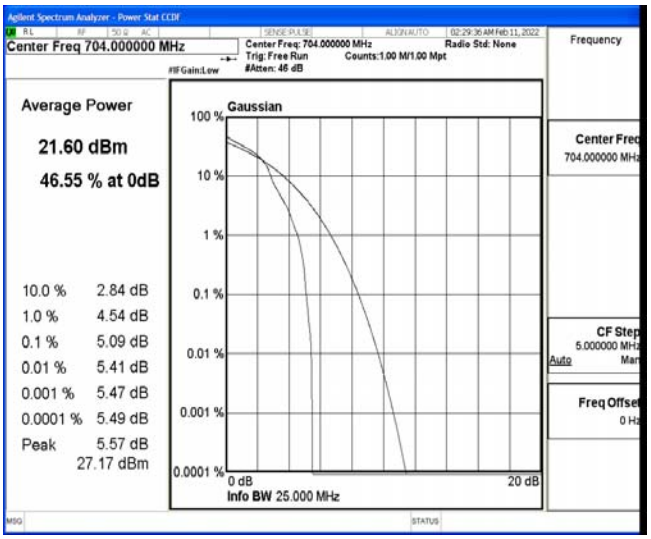

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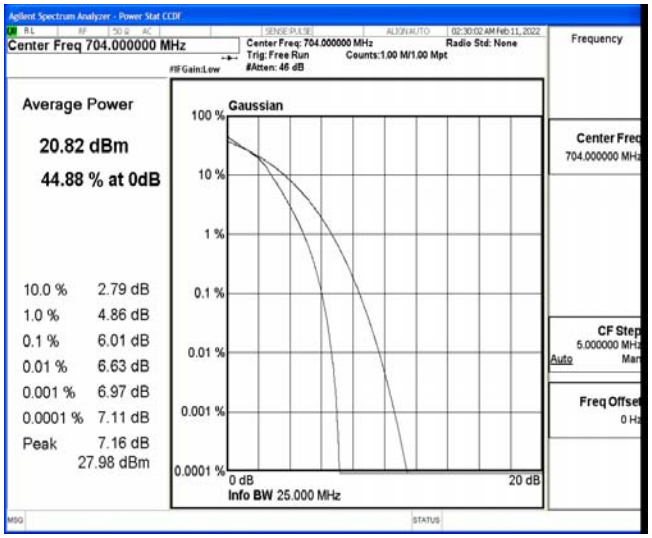

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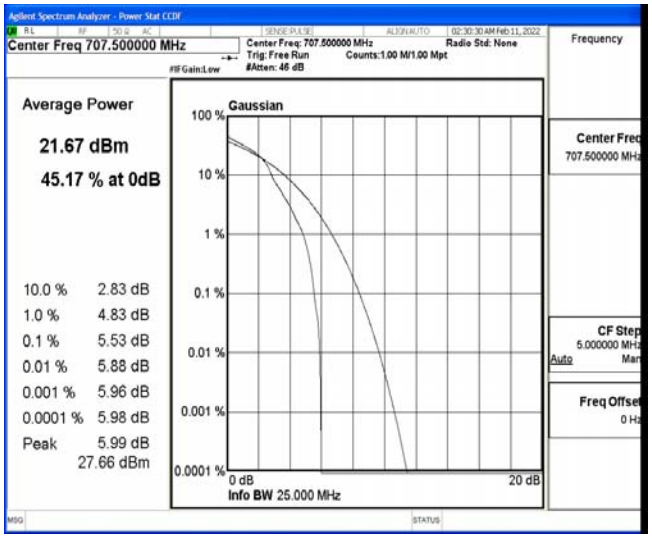

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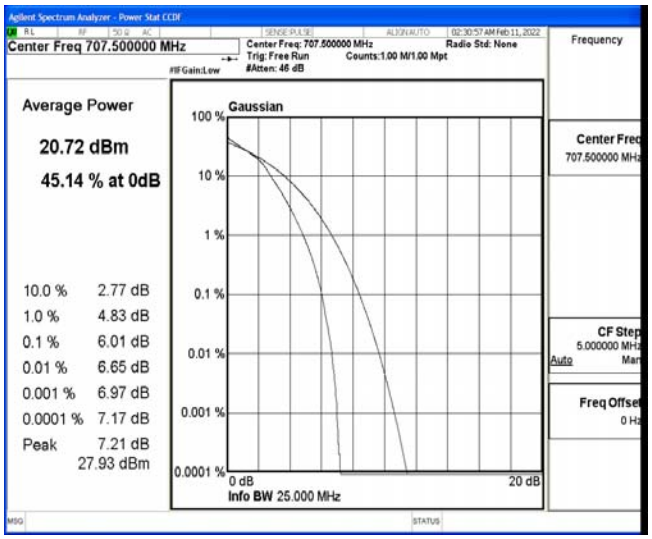

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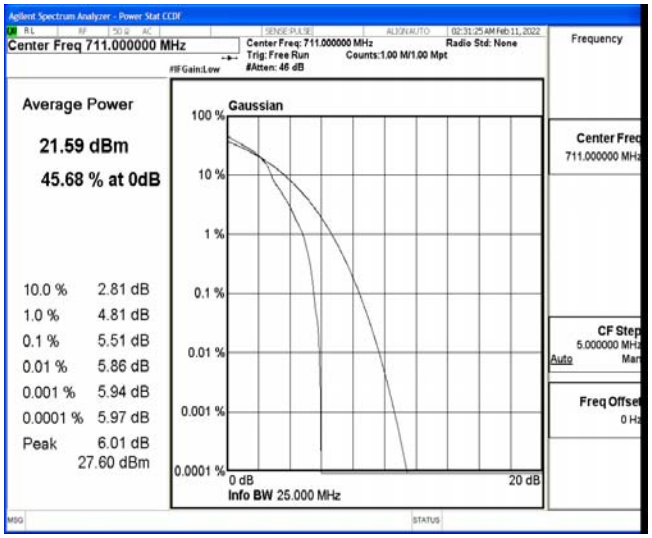
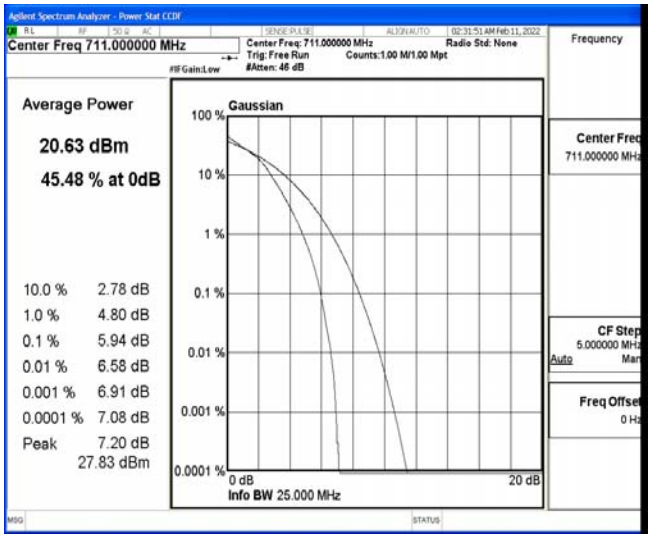


Band12-10MHz-16QAM-23130-50RB#0

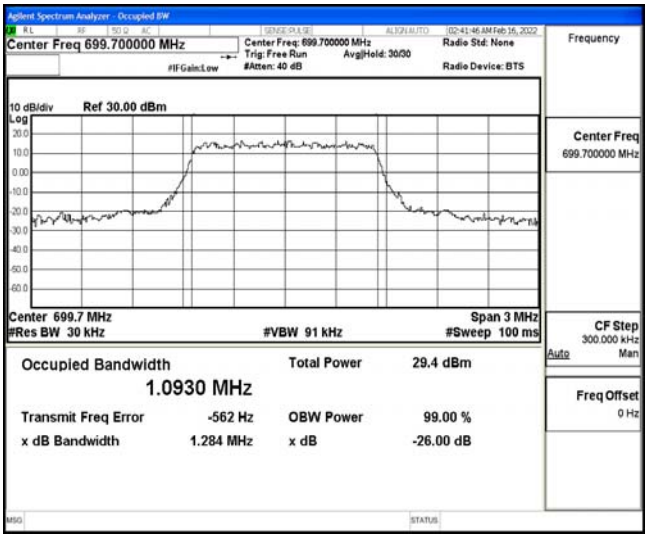

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.63 dBm
45.48 % at 0dB
10.0 % 2.78 dB
1.0 % 4.80 dB
0.1 % 5.94 dB
0.01 % 6.58 dB
0.001 % 6.91 dB
0.0001 % 7.08 dB
Peak 7.20 dB
27.83 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto
Freq Offset
0 Hz

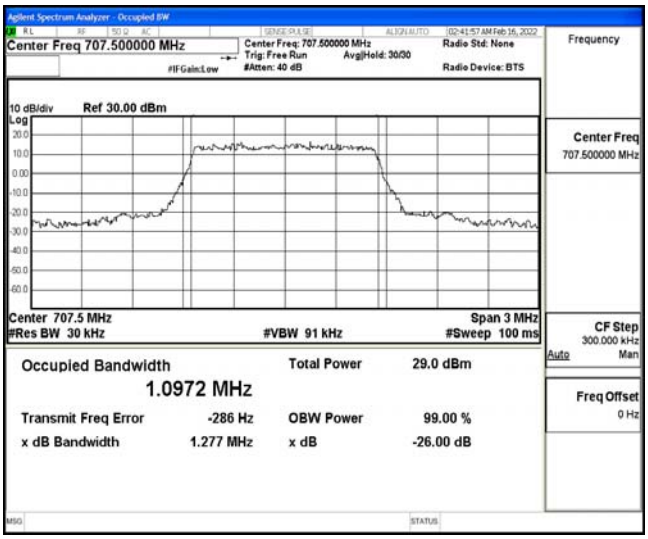
G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

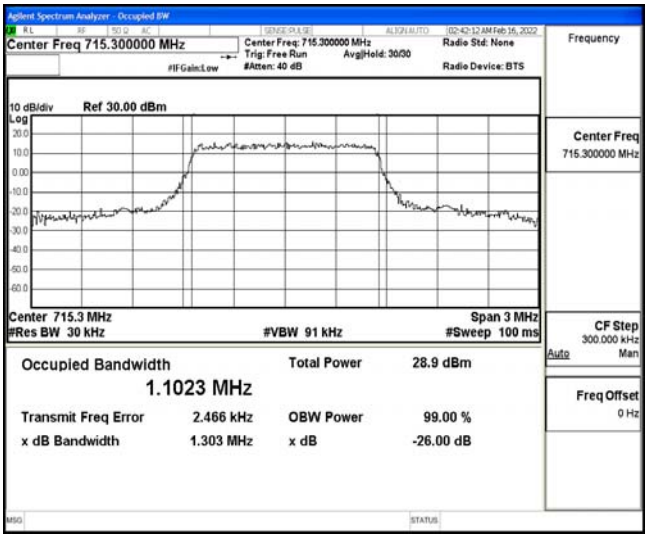
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0930	1.284	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0972	1.277	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1023	1.303	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0963	1.276	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0958	1.312	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0912	1.284	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6795	2.922	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6912	2.887	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6968	2.905	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6829	2.904	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6780	2.891	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6865	2.902	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5148	5.171	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5070	5.161	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5105	5.201	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5192	5.192	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5245	5.166	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5289	5.208	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0168	10.28	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0125	10.13	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9693	9.969	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0025	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0030	10.05	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9809	10.09	PASS

Test Graphs

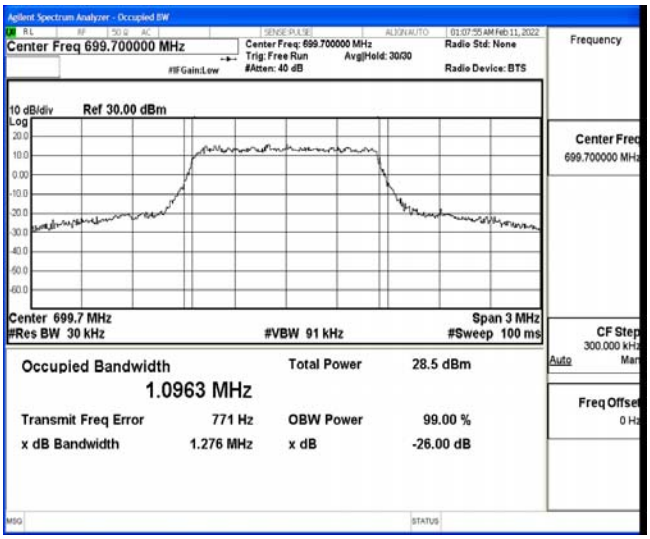
Band12-1.4MHz-QPSK-23017-6RB#0


Band12-1.4MHz-QPSK-23095-6RB#0


Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



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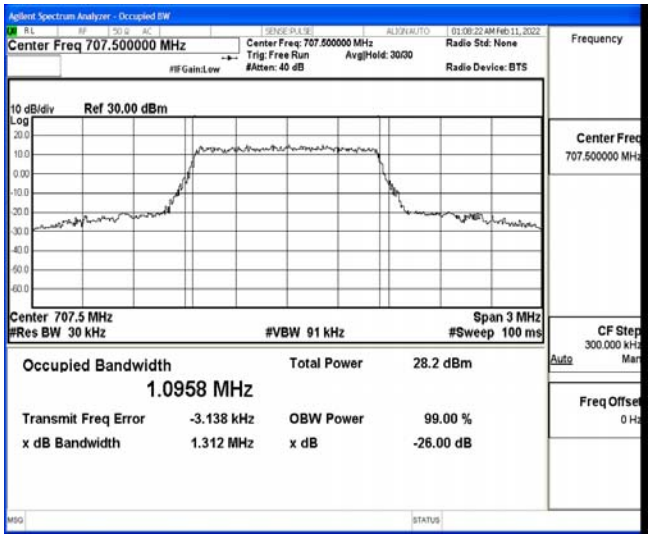
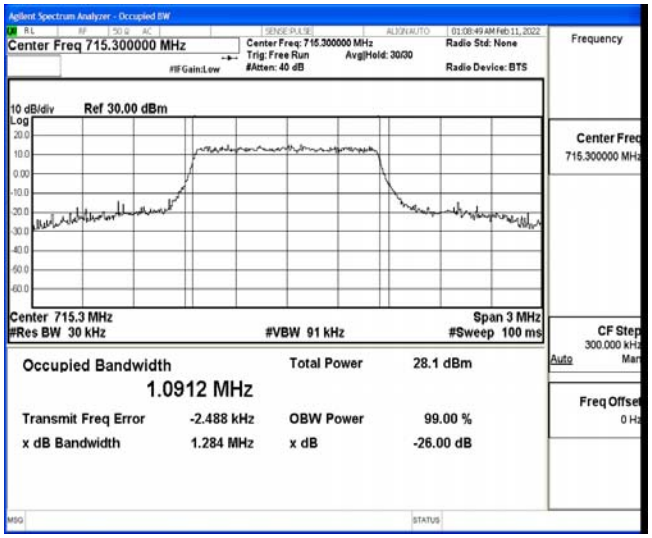
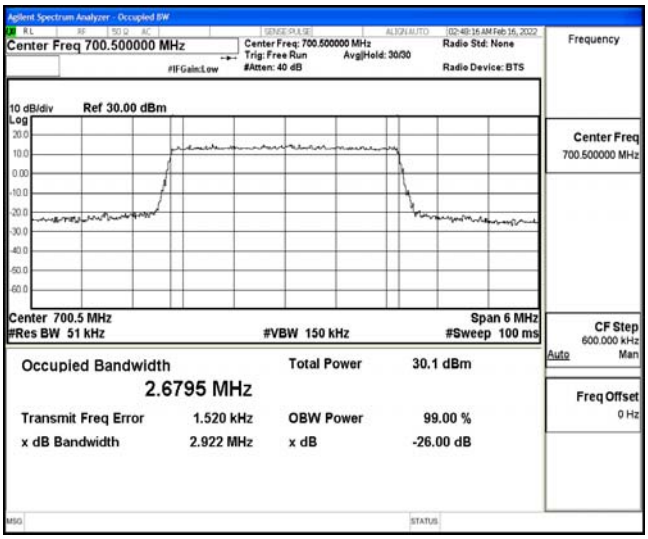


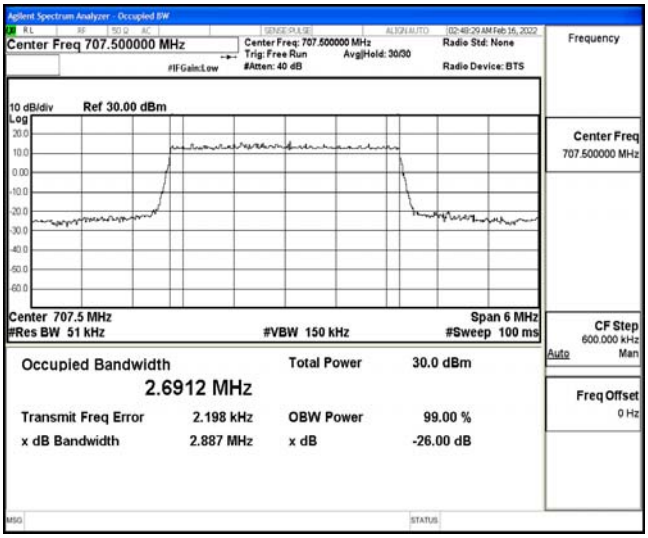
Band12-1.4MHz-16QAM-23173-6RB#0



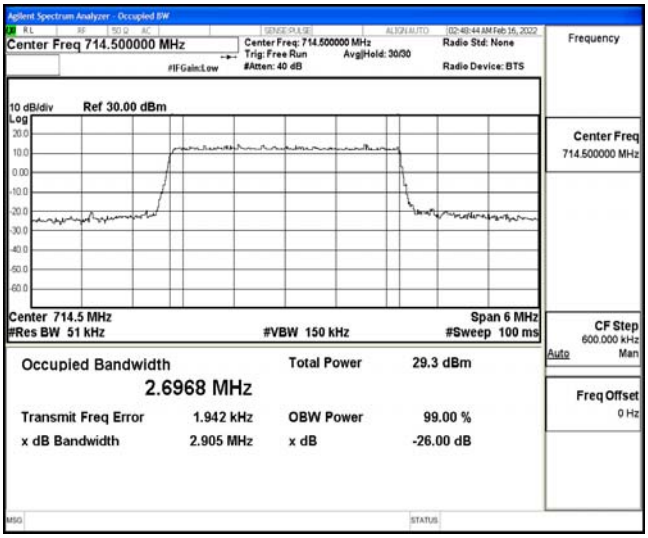
Band12-3MHz-QPSK-23025-15RB#0



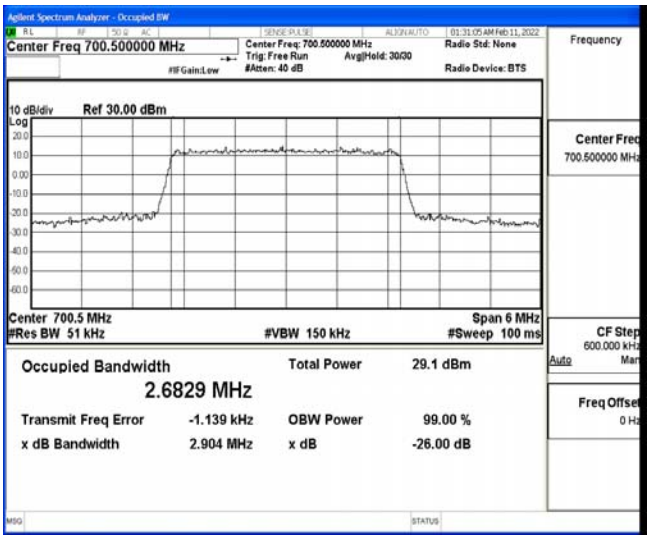
Band12-3MHz-QPSK-23095-15RB#0



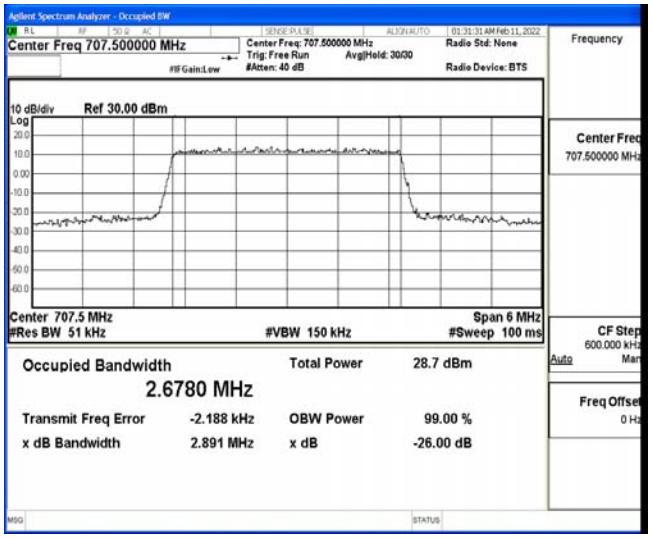
Band12-3MHz-QPSK-23165-15RB#0



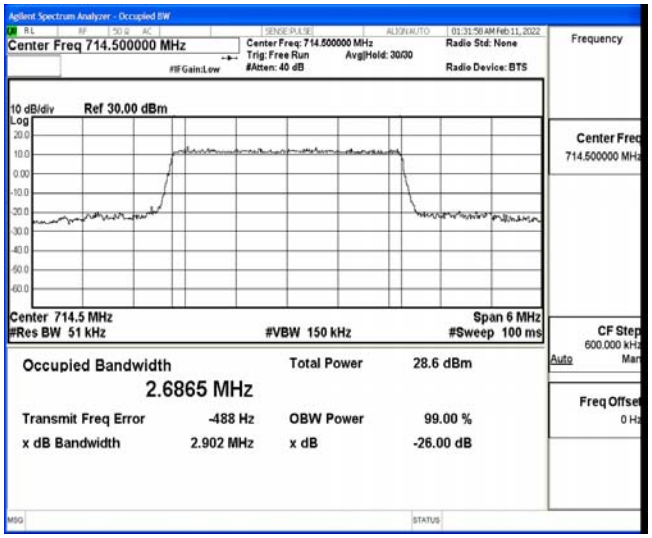
Band12-3MHz-16QAM-23025-15RB#0



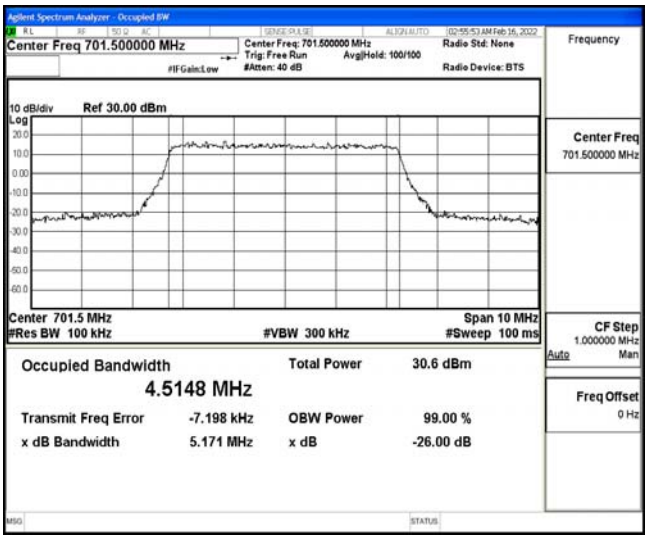
Band12-3MHz-16QAM-23095-15RB#0



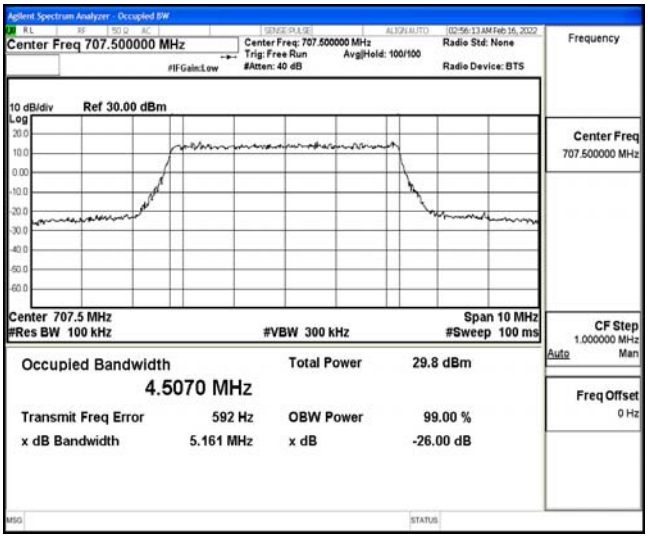
Band12-3MHz-16QAM-23165-15RB#0



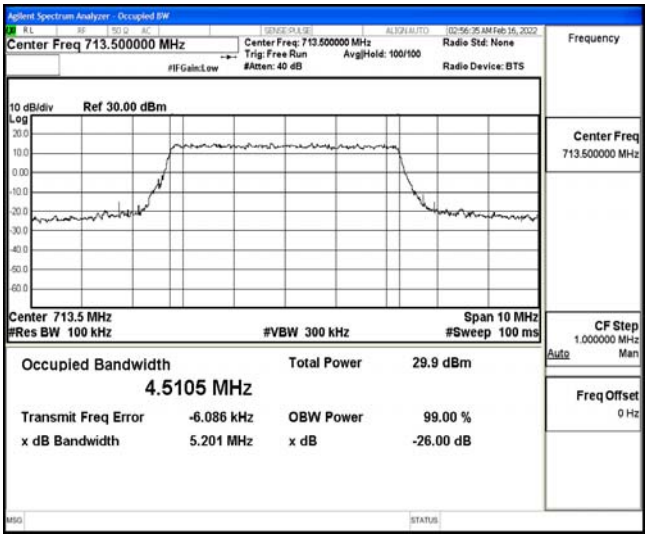
Band12-5MHz-QPSK-23035-25RB#0



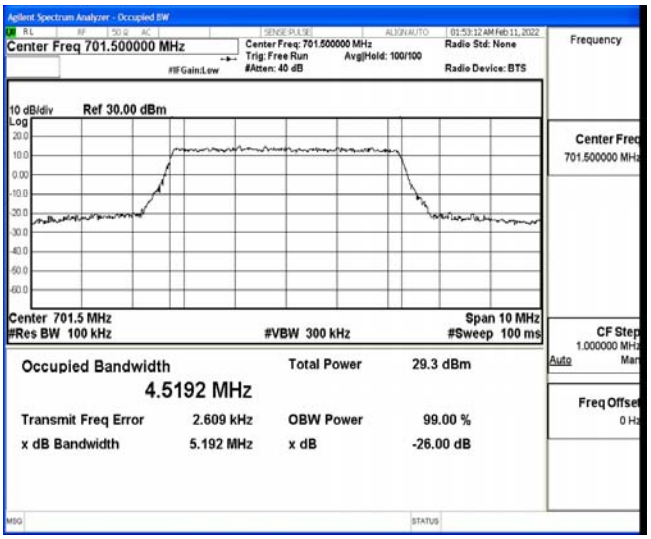
Band12-5MHz-QPSK-23095-25RB#0



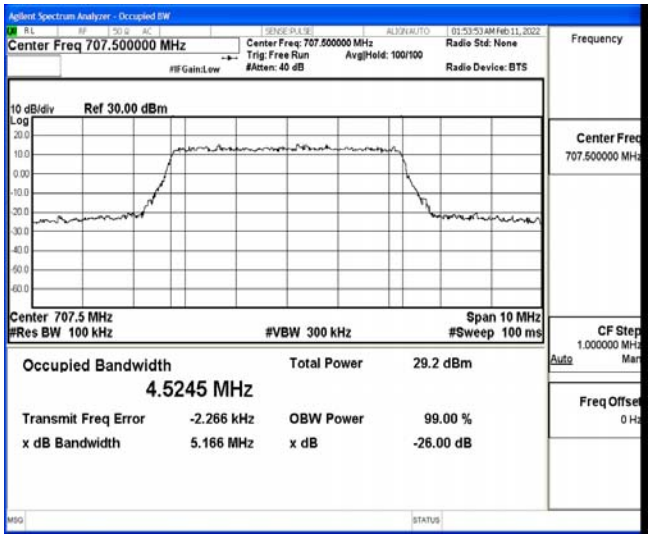
Band12-5MHz-QPSK-23155-25RB#0



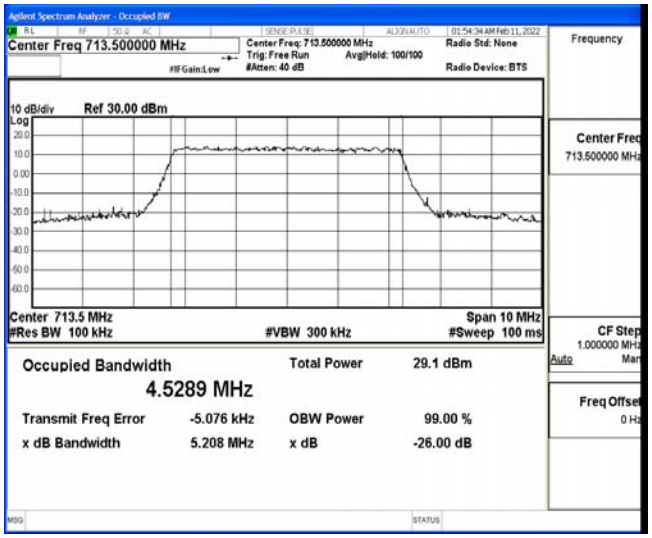
Band12-5MHz-16QAM-23035-25RB#0



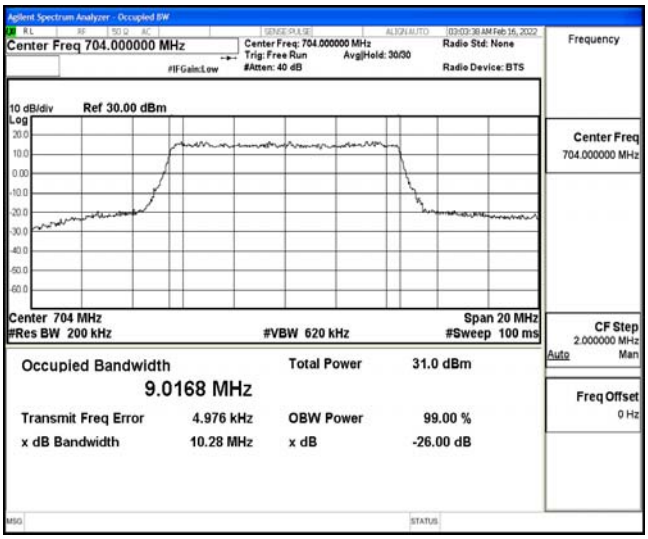
Band12-5MHz-16QAM-23095-25RB#0



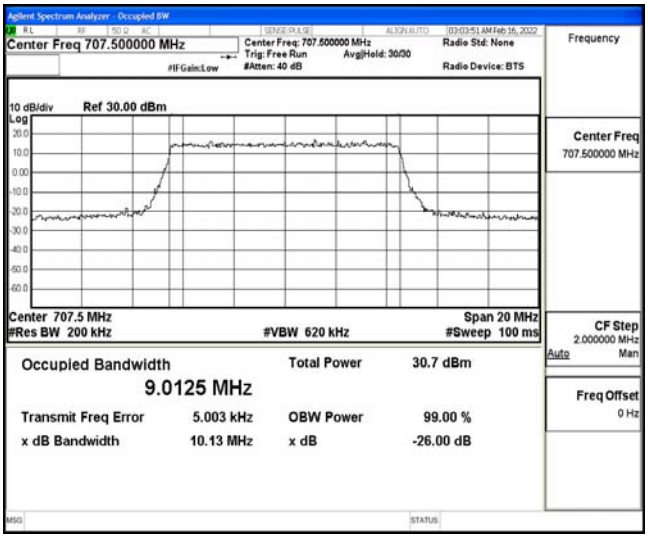
Band12-5MHz-16QAM-23155-25RB#0



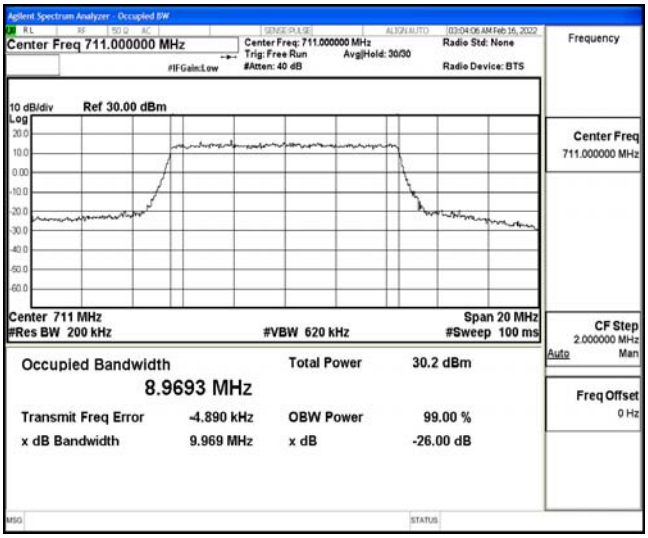
Band12-10MHz-QPSK-23060-50RB#0



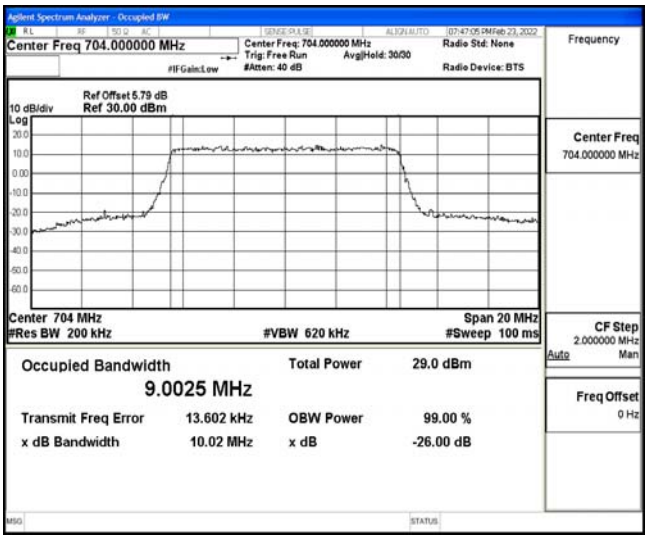
Band12-10MHz-QPSK-23095-50RB#0



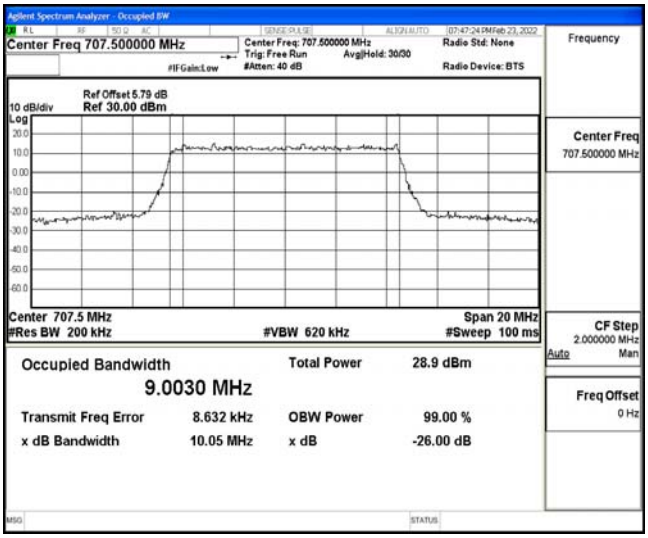
Band12-10MHz-QPSK-23130-50RB#0



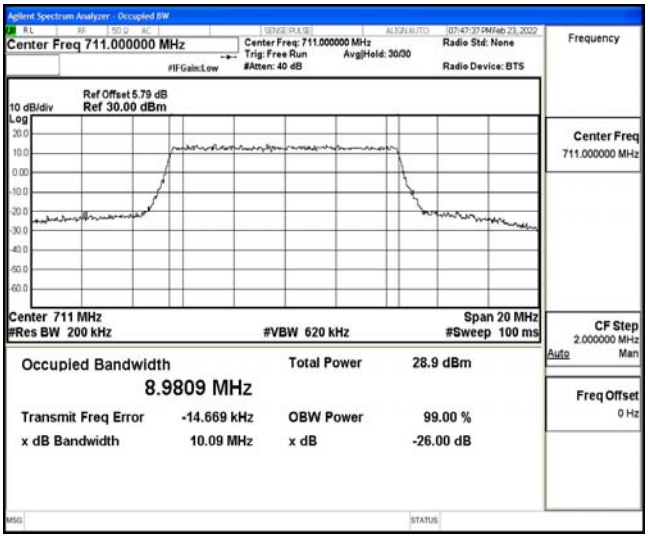
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 5.79 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
711.000000 MHz
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9809 MHz
Total Power
28.9 dBm
Transmit Freq Error
-14.669 kHz
OBW Power
99.00 %
x dB Bandwidth
10.09 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

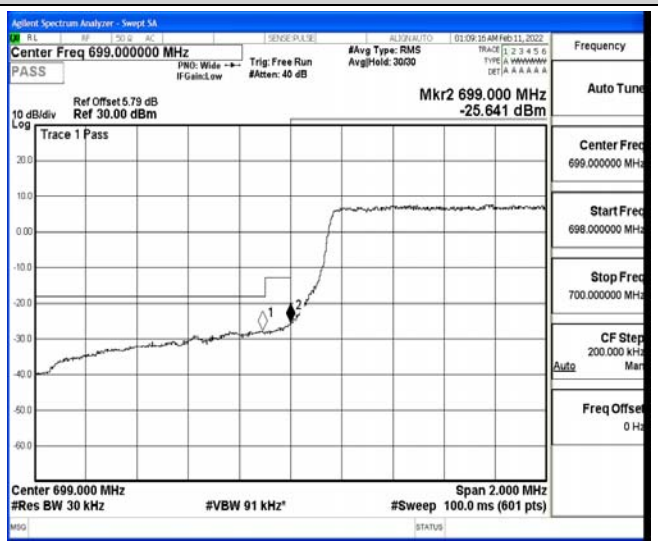
G.4 Band Edge

Test Result

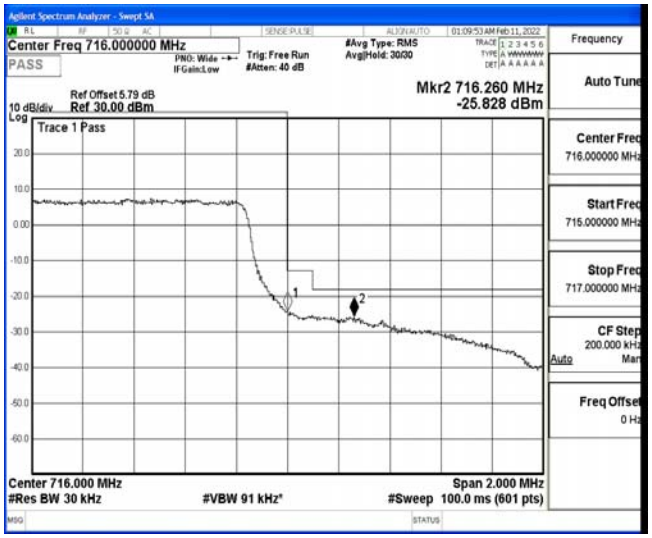
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-27.77,-25.64	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.22,-25.83	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.81,-27.41	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-25.87,-27.00	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.43,-28.12	PASS
Band12	3MHz	QPSK	23165	15RB#0	-27.36,-28.33	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.26,-28.99	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.12,-29.14	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.62	PASS
Band12	5MHz	QPSK	23155	25RB#0	-22.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	-22.91	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.94	PASS
Band12	10MHz	QPSK	23060	50RB#0	-27.23,-25.91	PASS
Band12	10MHz	QPSK	23130	50RB#0	-26.64,-27.78	PASS
Band12	10MHz	16QAM	23060	50RB#0	-28.23,-26.98	PASS
Band12	10MHz	16QAM	23130	50RB#0	-27.02,-28.10	PASS

Test Graphs

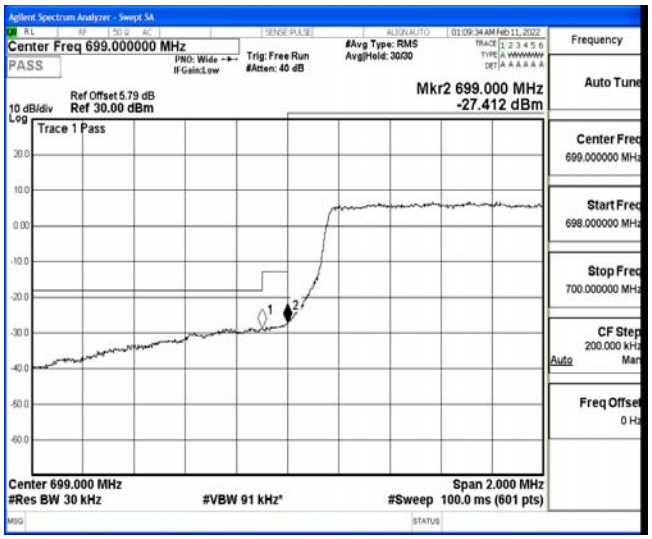
Band12-1.4MHz-QPSK-23017-6RB#0



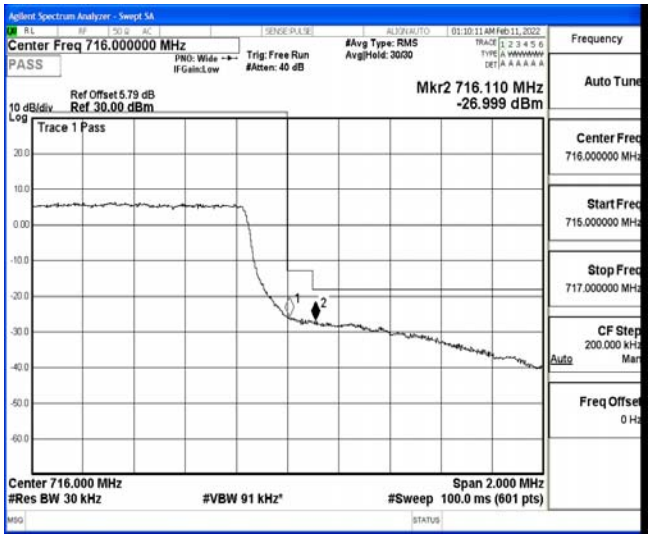
Band12-1.4MHz-QPSK-23173-6RB#0



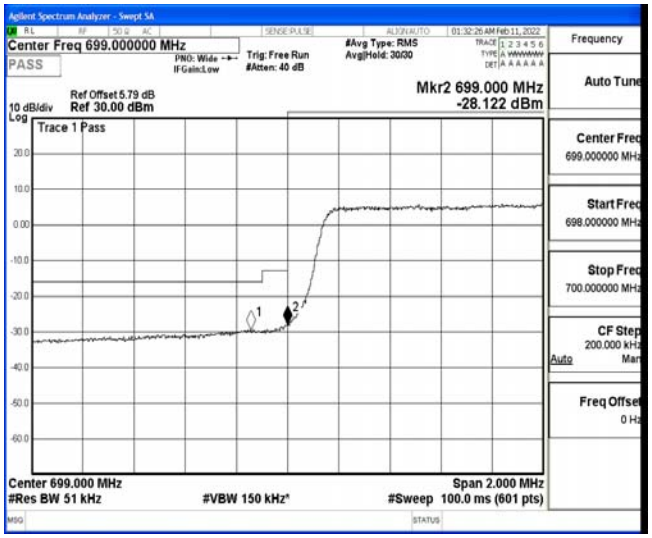
Band12-1.4MHz-16QAM-23017-6RB#0



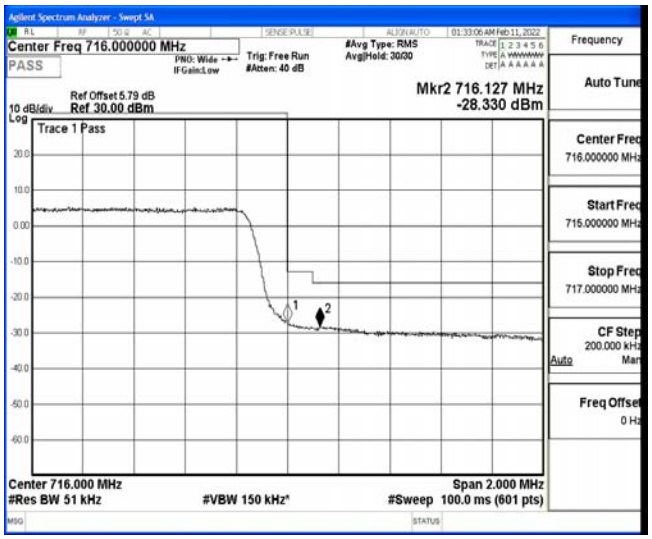
Band12-1.4MHz-16QAM-23173-6RB#0



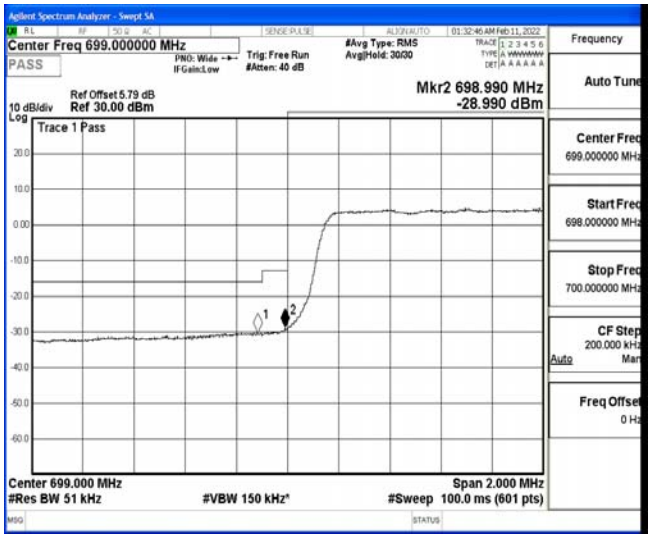
Band12-3MHz-QPSK-23025-15RB#0



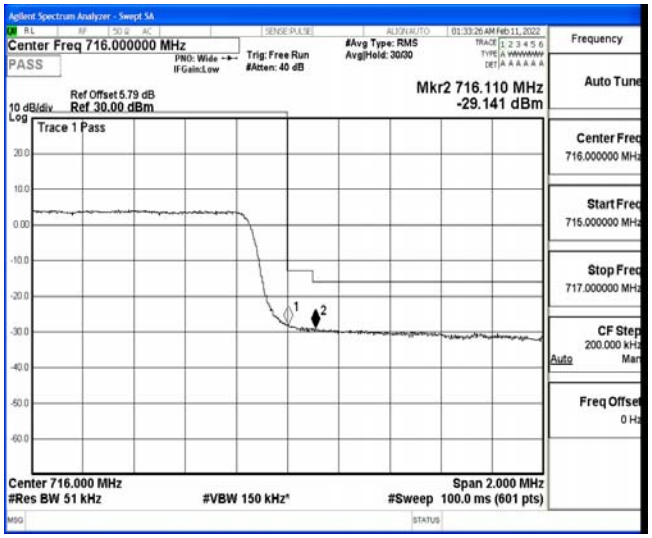
Band12-3MHz-QPSK-23165-15RB#0



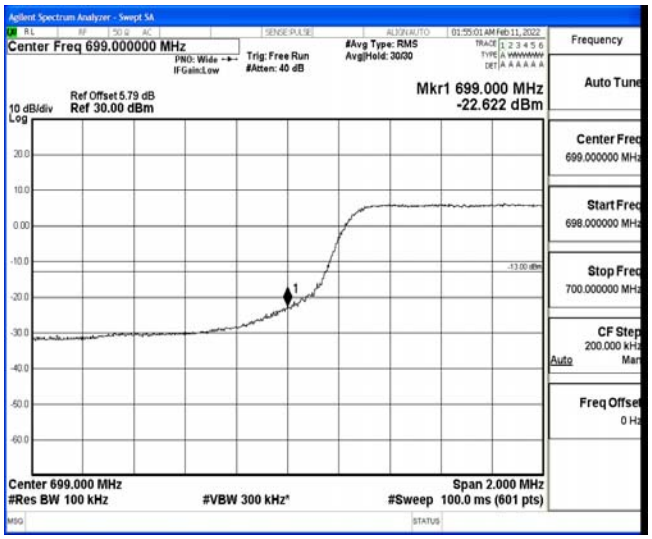
Band12-3MHz-16QAM-23025-15RB#0



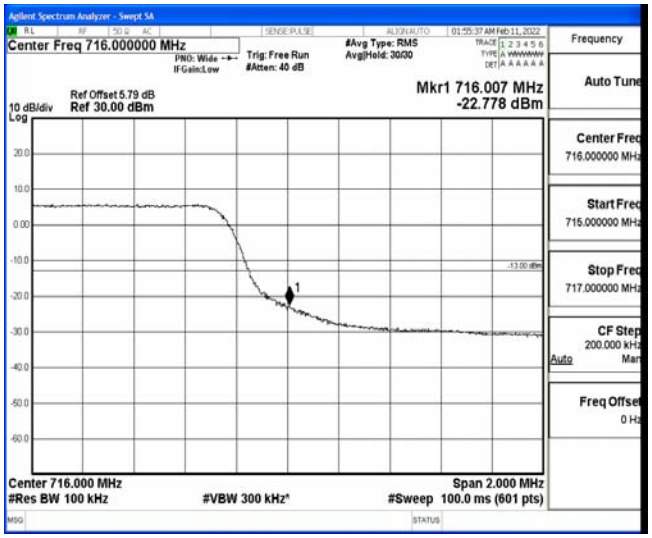
Band12-3MHz-16QAM-23165-15RB#0



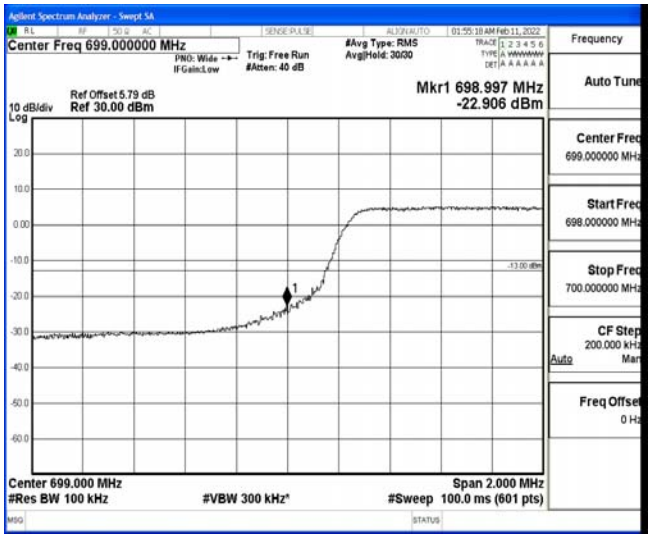
Band12-5MHz-QPSK-23035-25RB#0



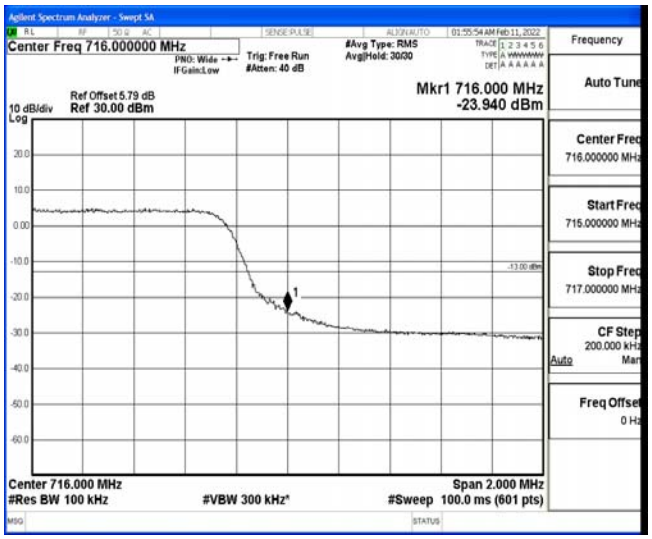
Band12-5MHz-QPSK-23155-25RB#0



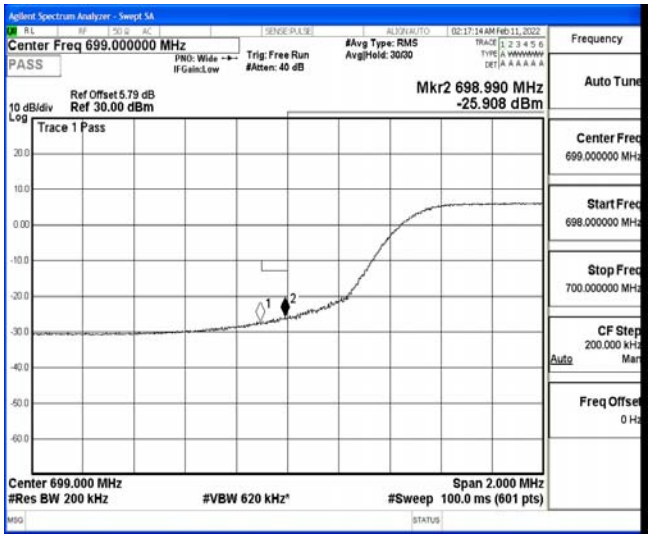
Band12-5MHz-16QAM-23035-25RB#0



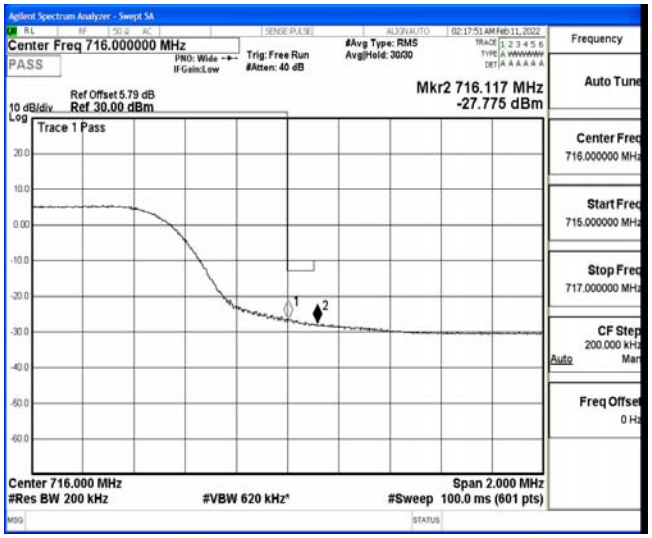
Band12-5MHz-16QAM-23155-25RB#0



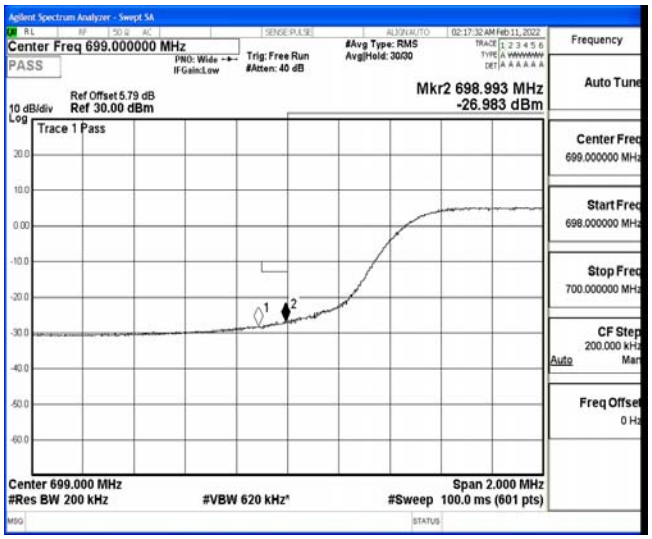
Band12-10MHz-QPSK-23060-50RB#0



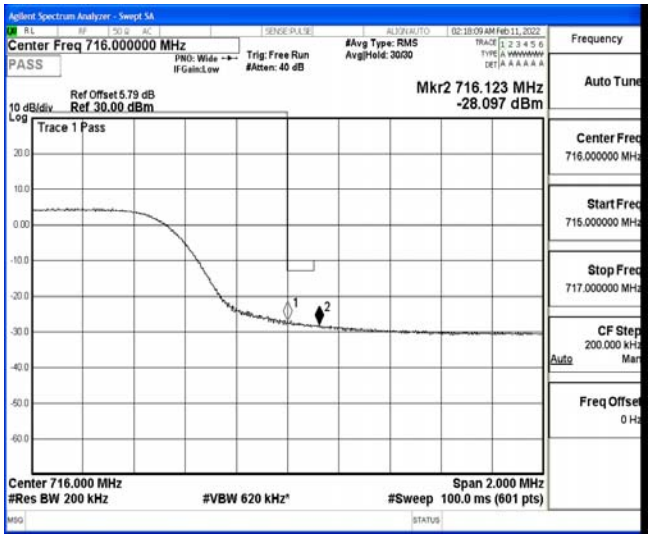
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



G.5 Conducted Spurious Emission

Test Result

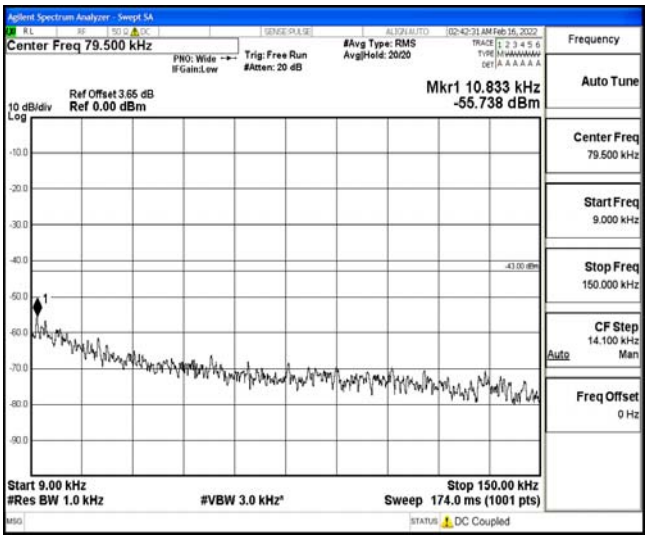
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-52.24	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-43.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.67	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.95	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-49.99	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-42.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-56.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-50.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-41.45	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.14	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.61	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-56.36	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-52.03	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-43.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-57.82	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-52.21	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-43.24	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.75	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.72	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.03	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-54.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-52.97	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.86	PASS

Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-43.32	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-50.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-41.09	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-43.66	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.6	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.89	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-56.74	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-52.37	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-43.51	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-57.84	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-41.64	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-43.6	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.18	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.01	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-56.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.85	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-43.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-56.93	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-52.78	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-41.72	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.63	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-53.11	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.66	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.88	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-50.66	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-43.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-56.79	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-43.73	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.46	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.66	PASS

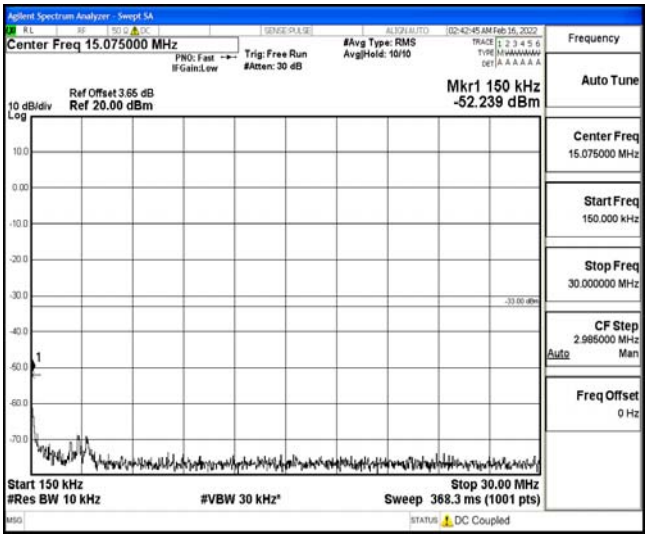
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.69	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.66	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-56.9	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-52.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-43.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-56.41	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-52.71	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.43	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.71	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.29	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-43.29	PASS

Test Graphs

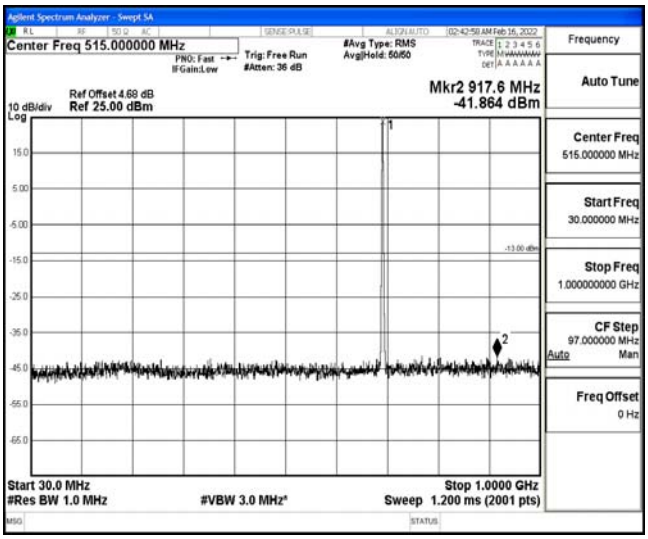
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:0.009~0.15MHz



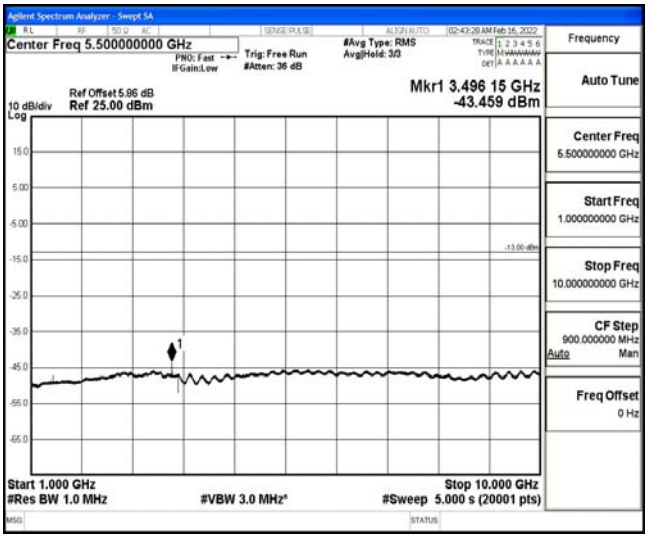
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:0.15~30MHz



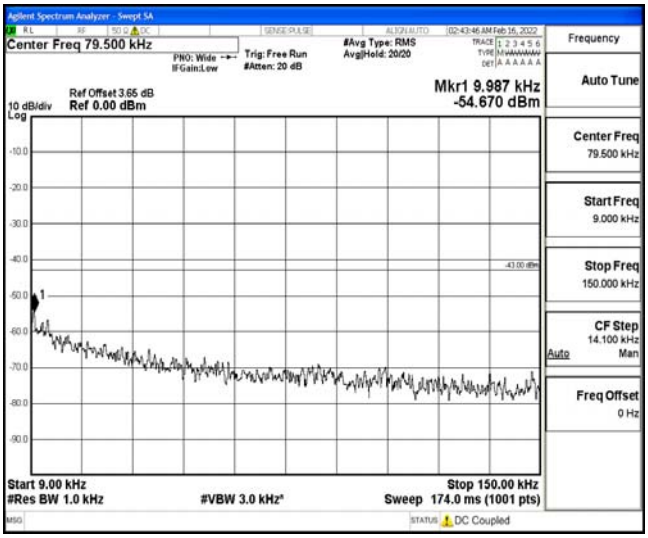
Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz



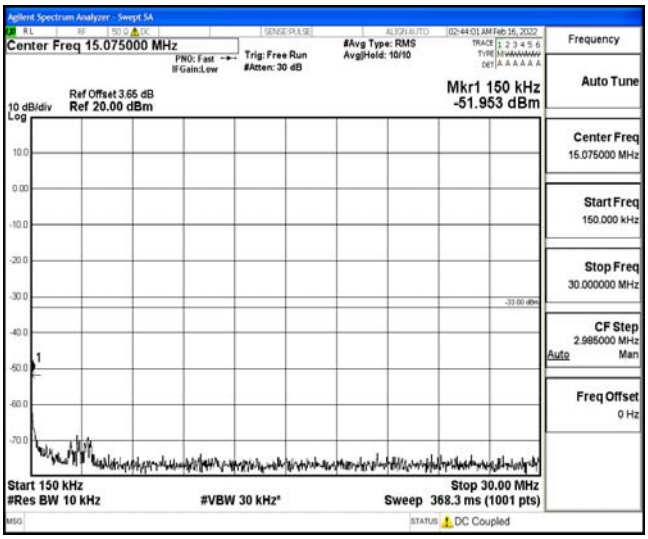
Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



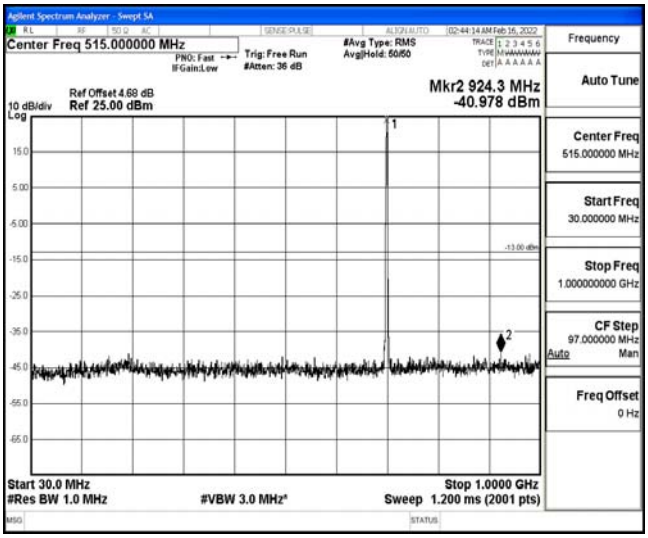
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



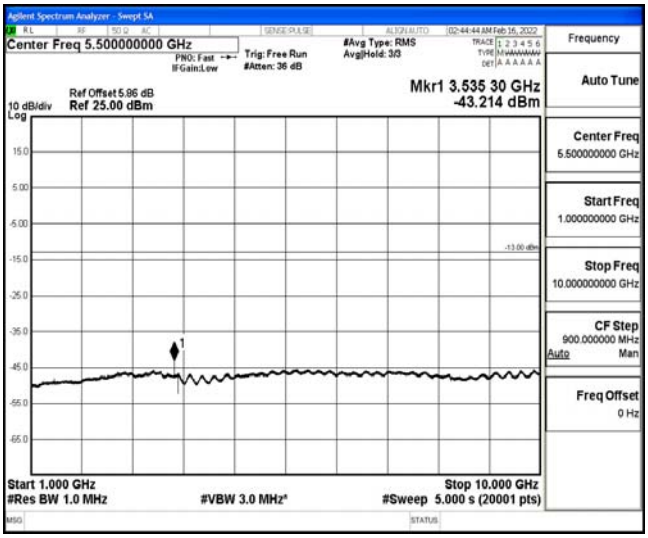
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



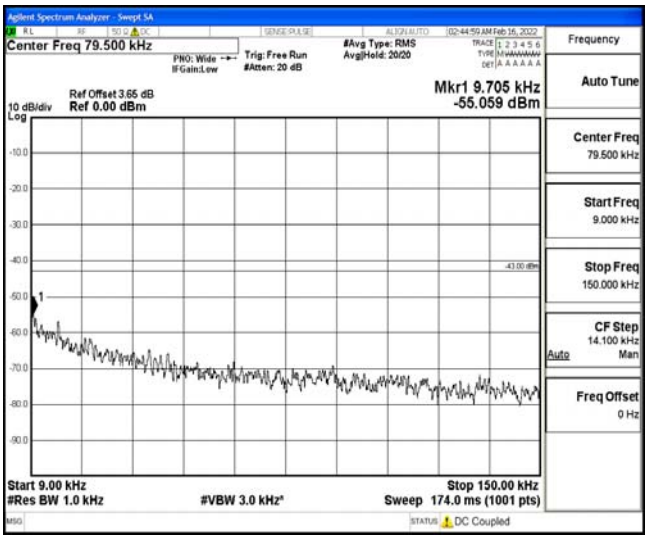
Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



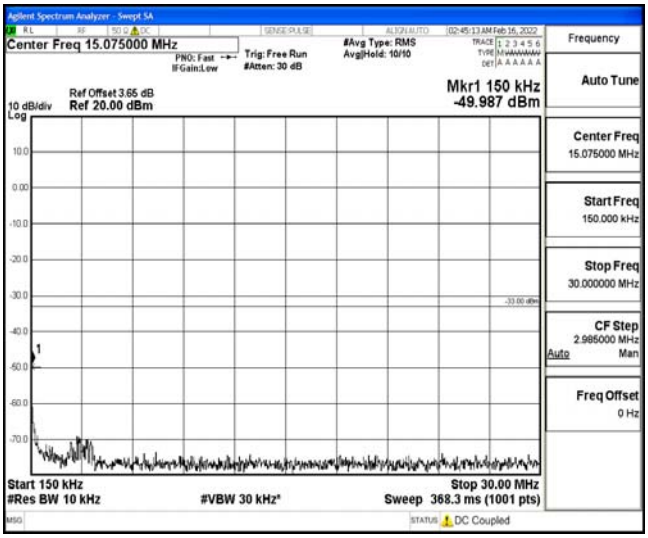
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



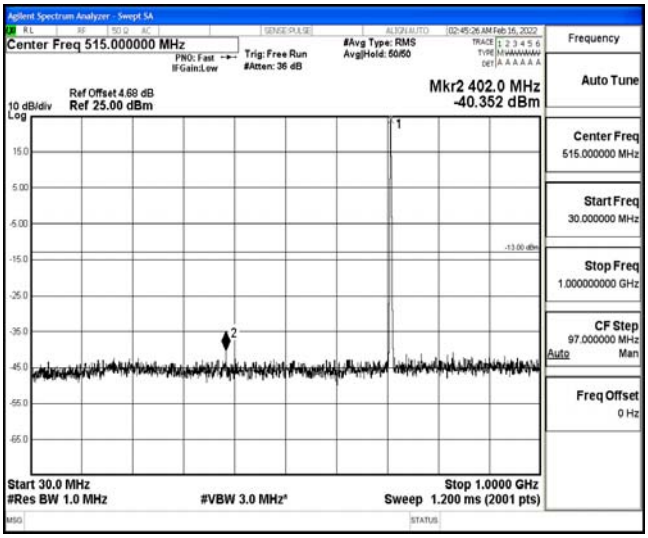
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz



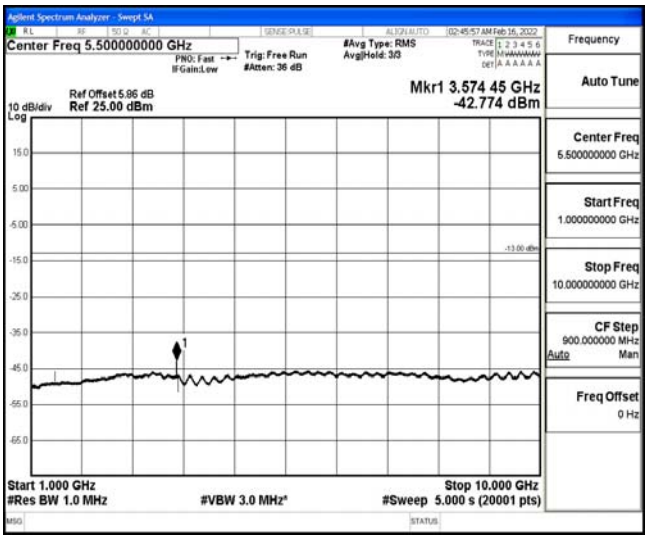
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz



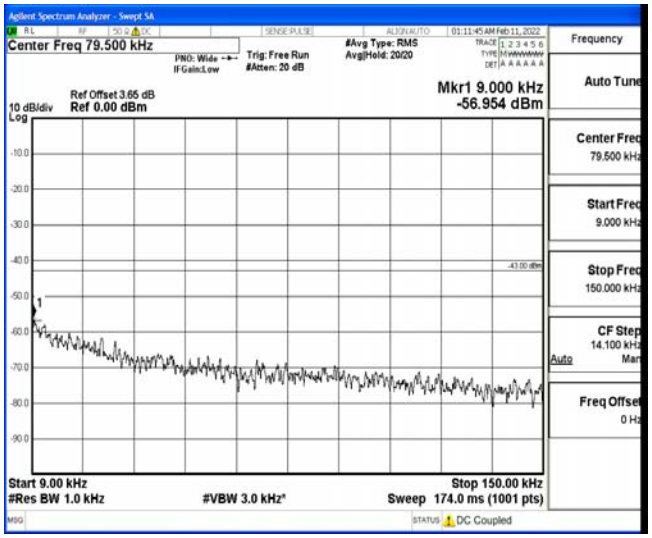
Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz



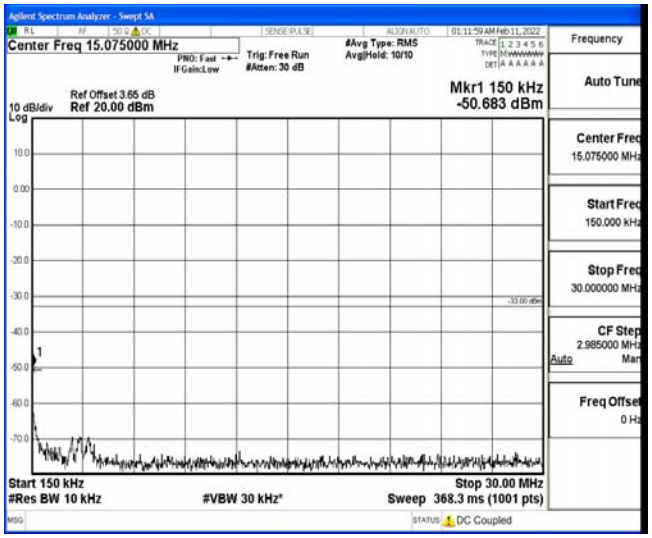
Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz



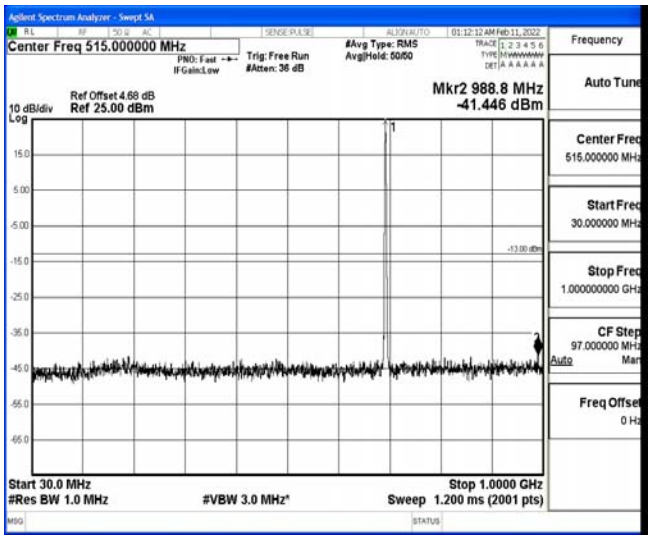
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz



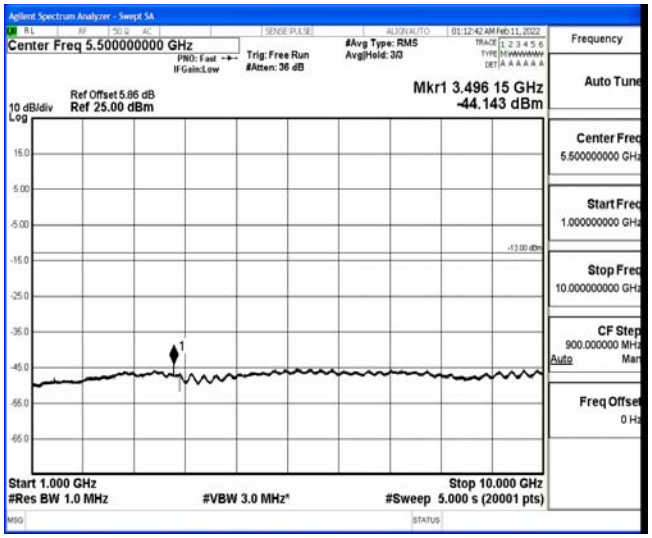
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz



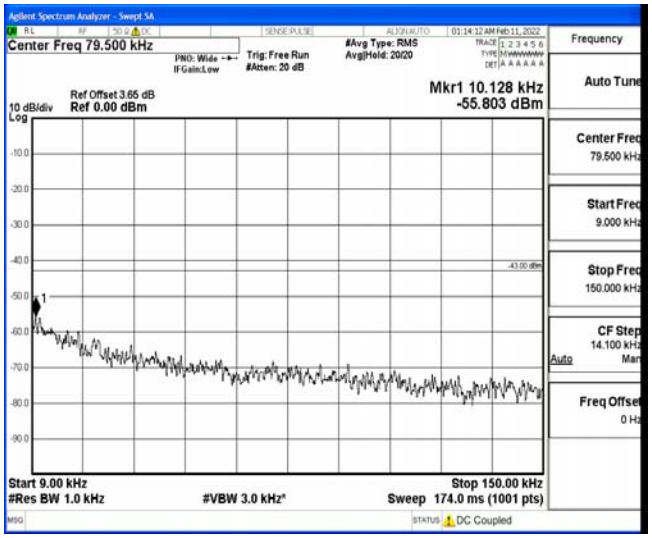
Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz



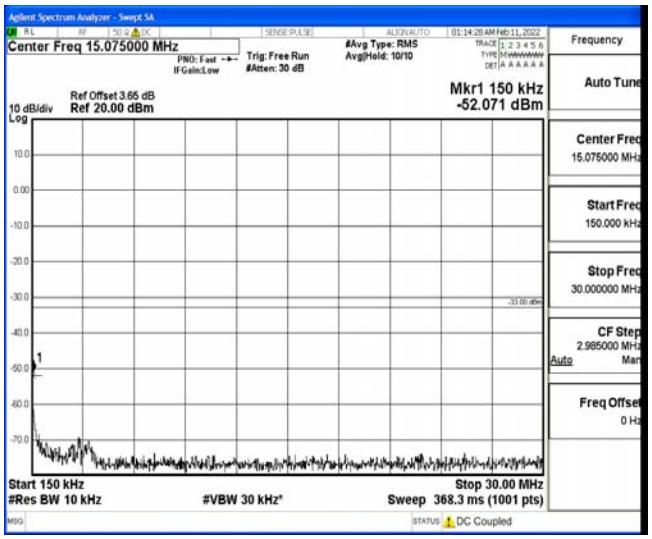
Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz



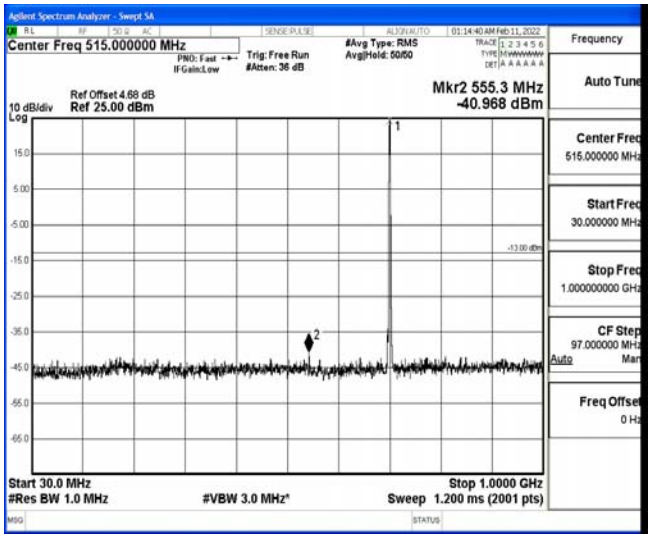
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



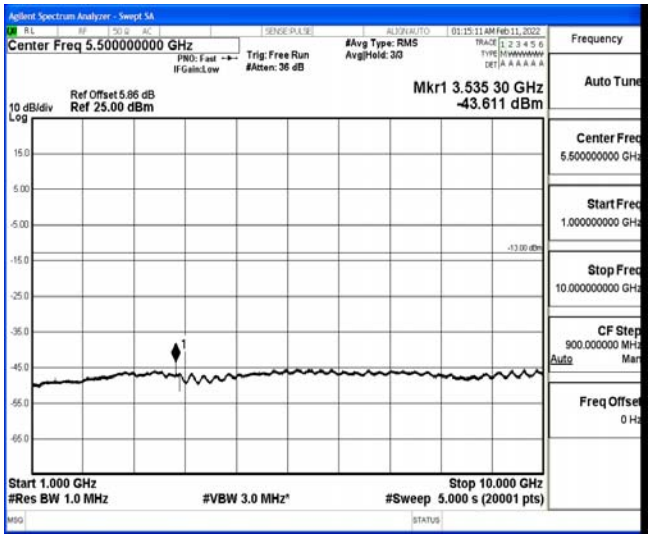
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



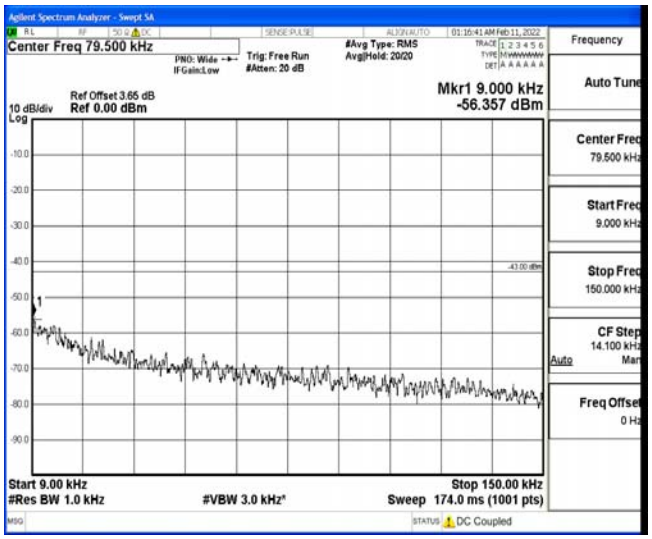
Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



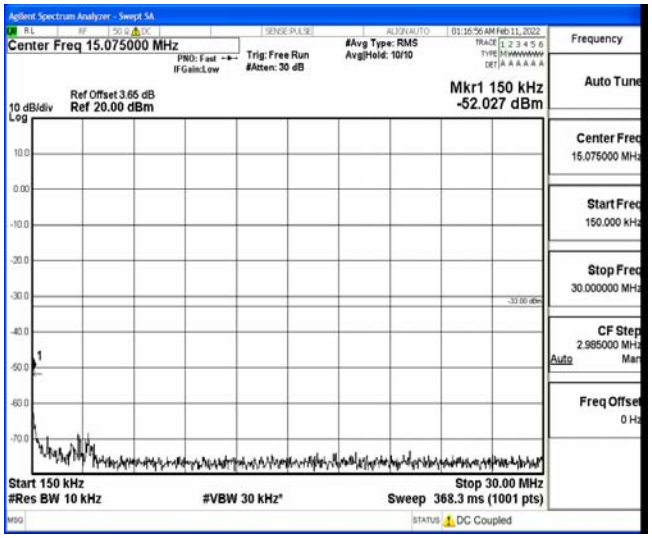
Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



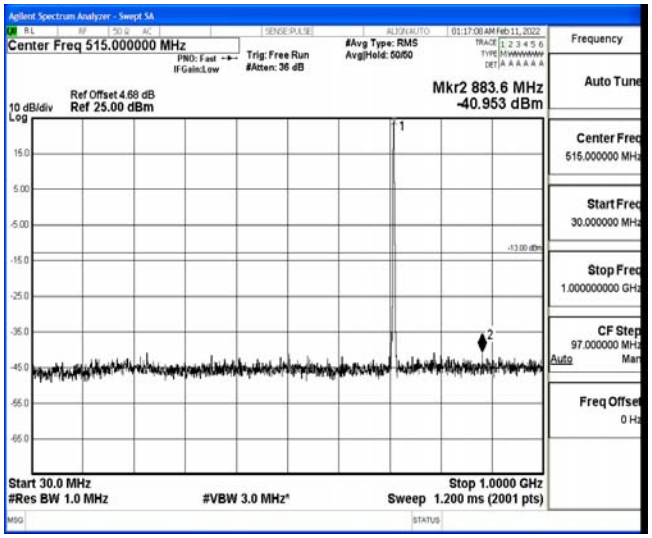
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz



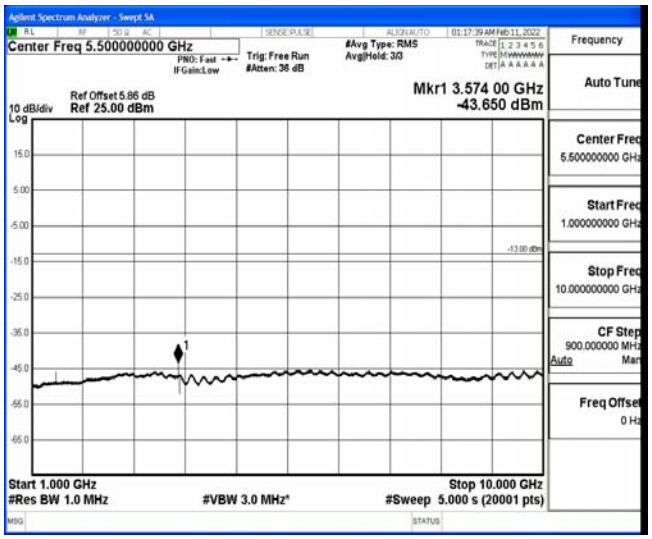
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz



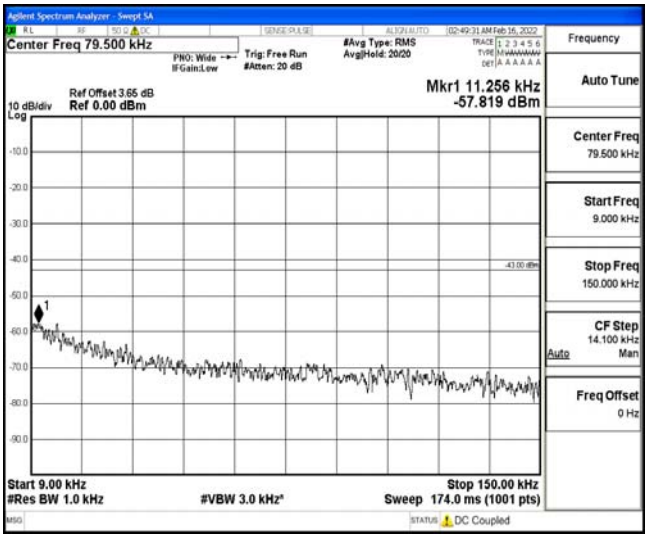
Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz



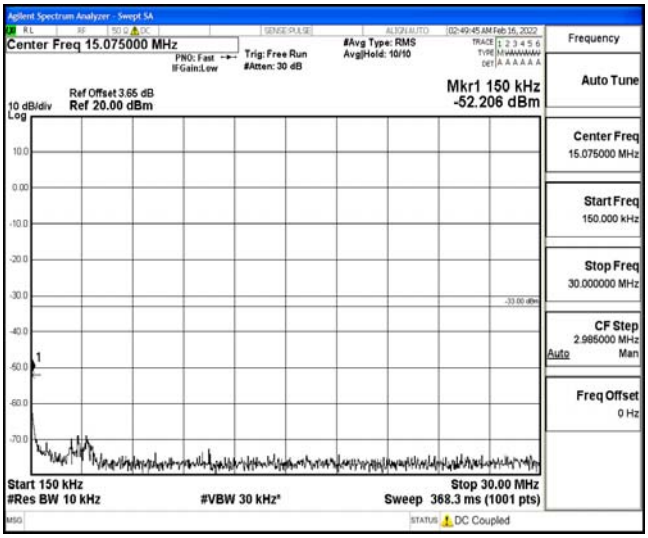
Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz



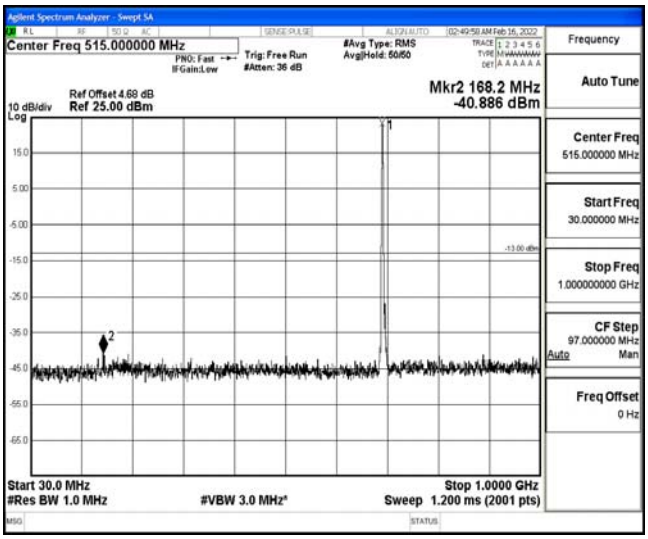
Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz



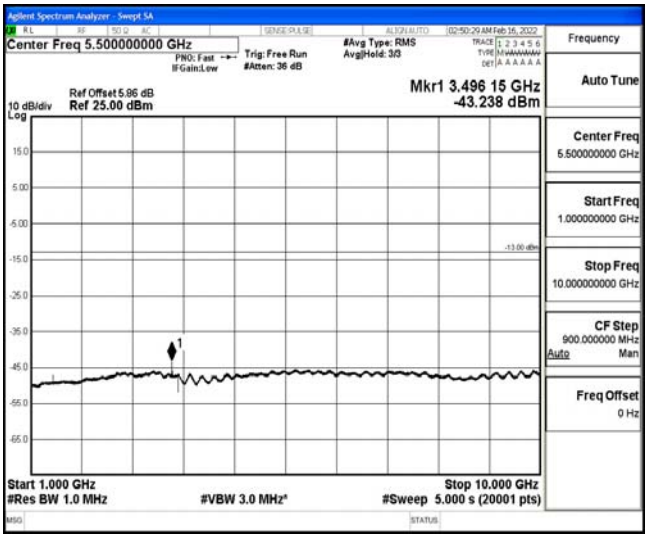
Band12-3MHz-QPSK-23025-1RB#0-Range2:0.15~30MHz



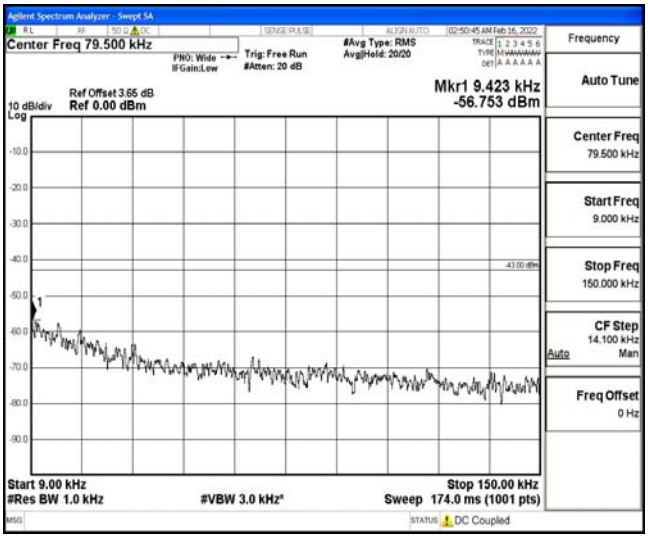
Band12-3MHz-QPSK-23025-1RB#0-Range3:30~1000MHz



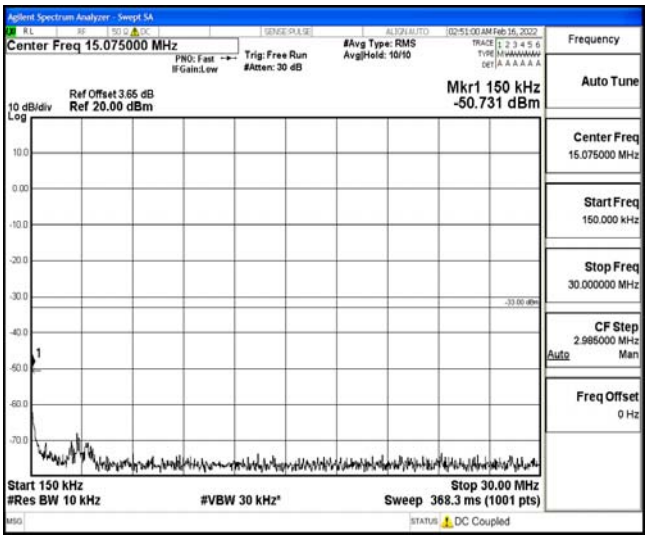
Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz



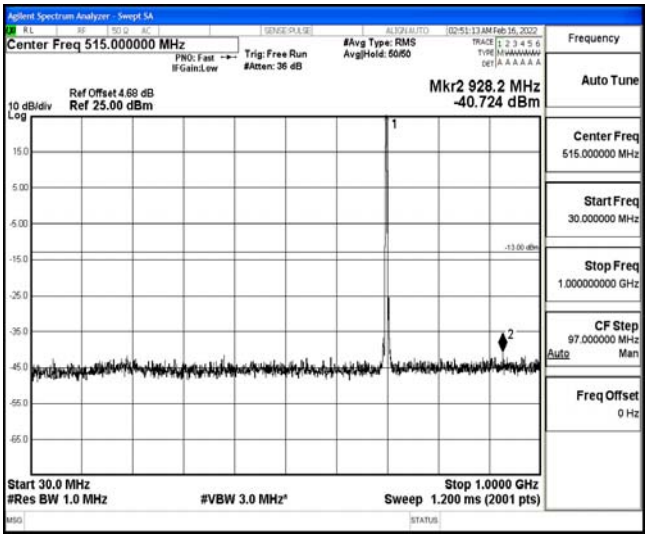
Band12-3MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



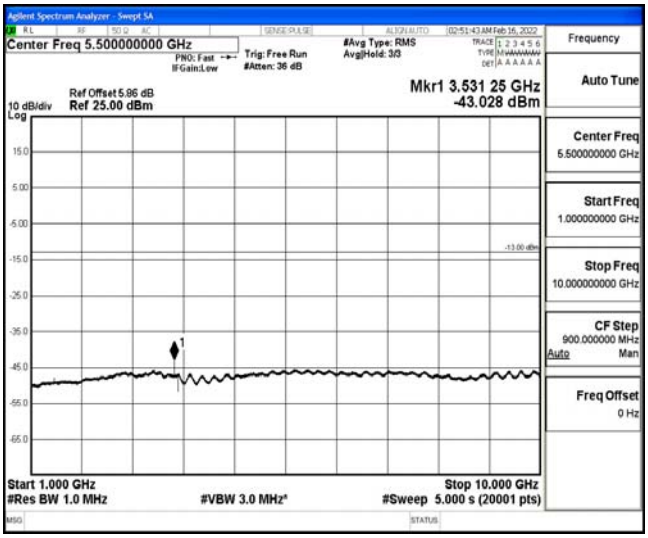
Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



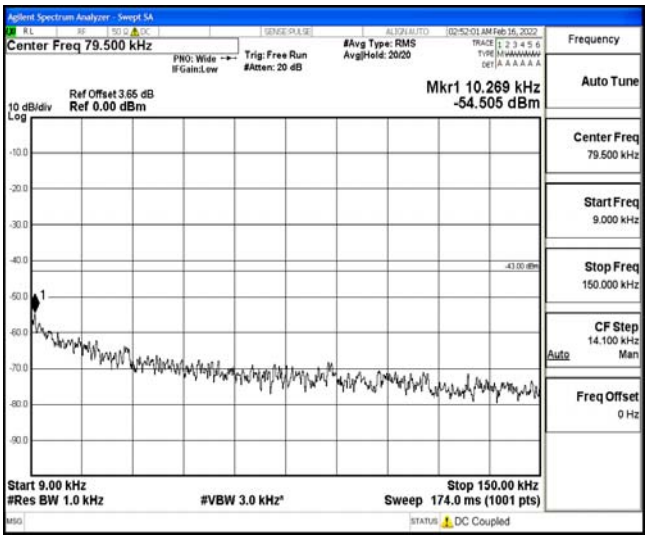
Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



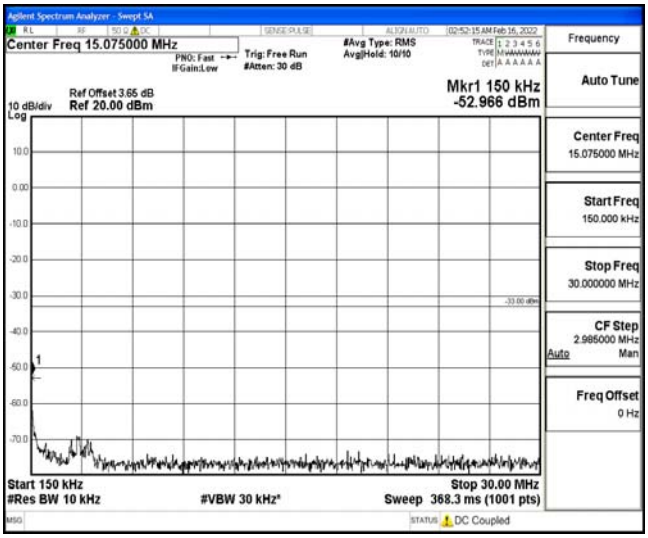
Band12-3MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



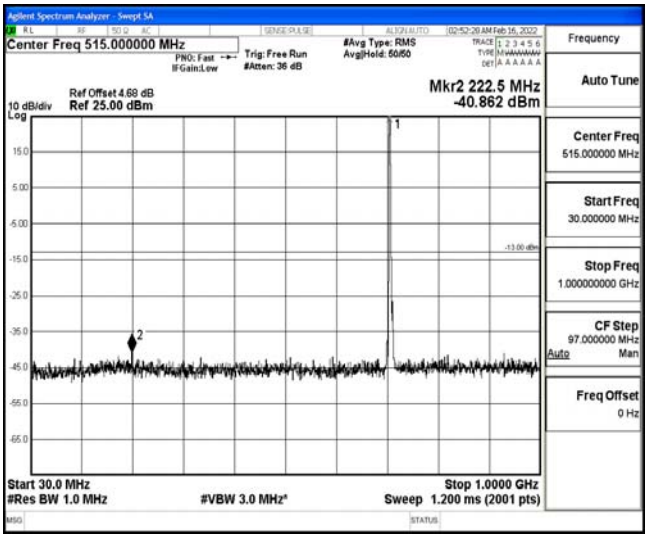
Band12-3MHz-QPSK-23165-1RB#0-Range1:0.009~0.15MHz



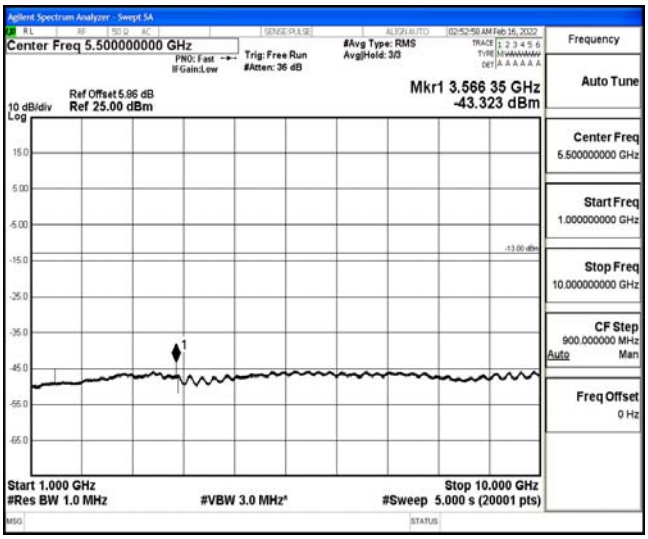
Band12-3MHz-QPSK-23165-1RB#0-Range2:0.15~30MHz



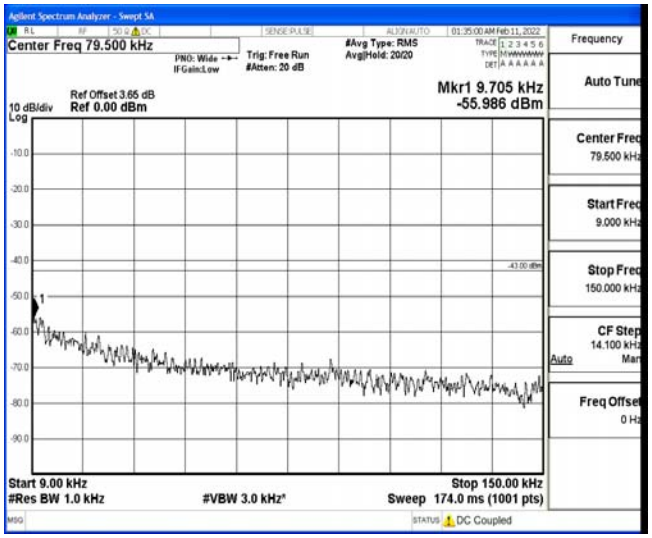
Band12-3MHz-QPSK-23165-1RB#0-Range3:30~1000MHz



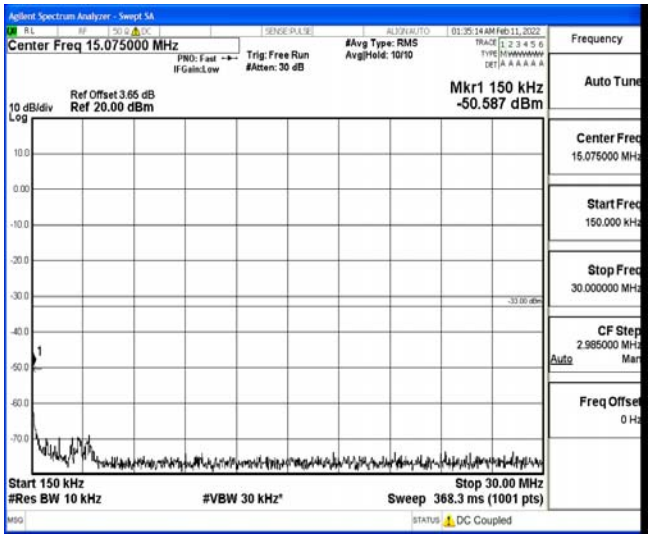
Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz



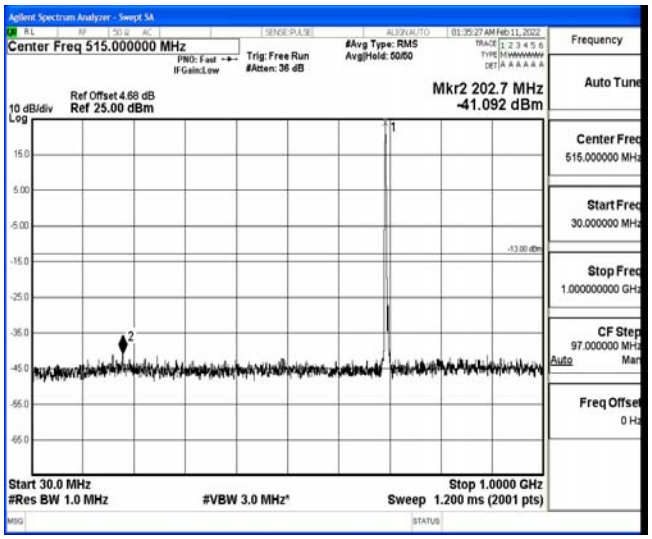
Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz



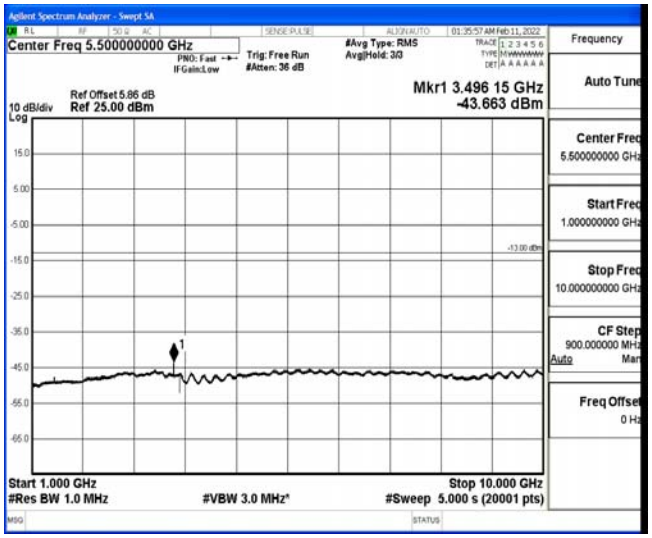
Band12-3MHz-16QAM-23025-1RB#0-Range2:0.15~30MHz



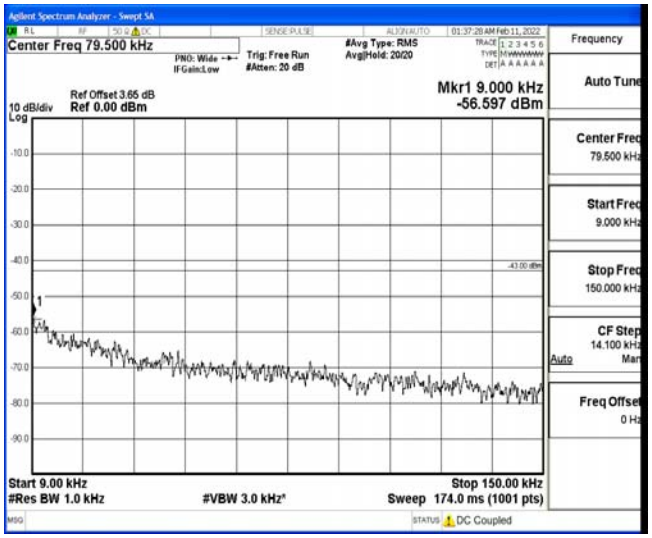
Band12-3MHz-16QAM-23025-1RB#0-Range3:30~1000MHz



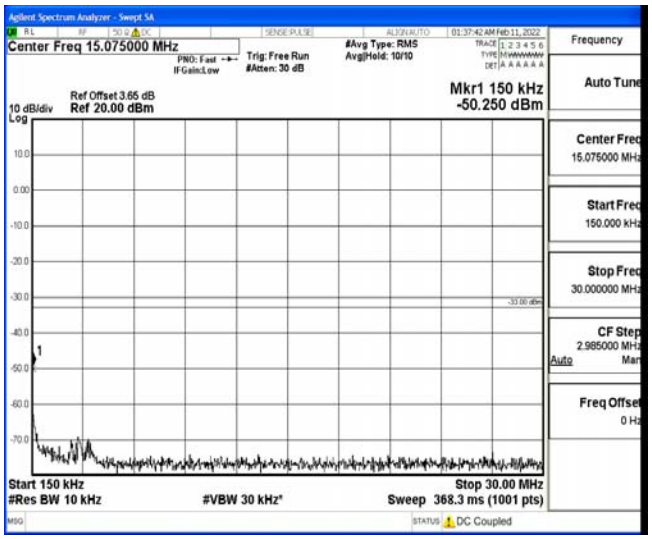
Band12-3MHz-16QAM-23025-1RB#0-Range4:1000~10000MHz



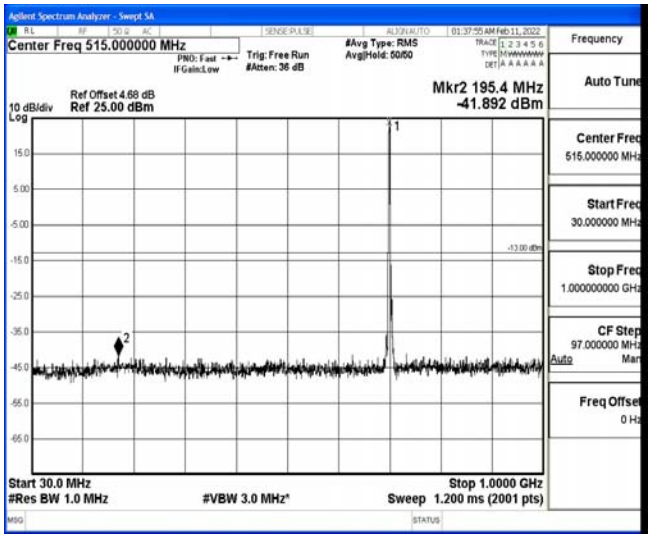
Band12-3MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



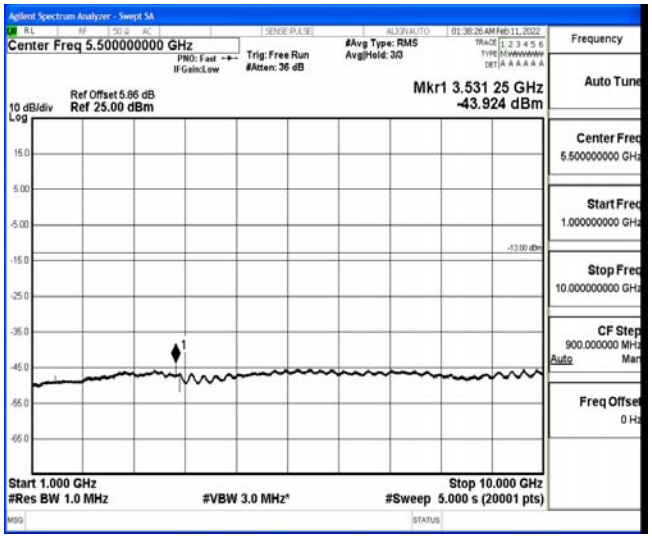
Band12-3MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



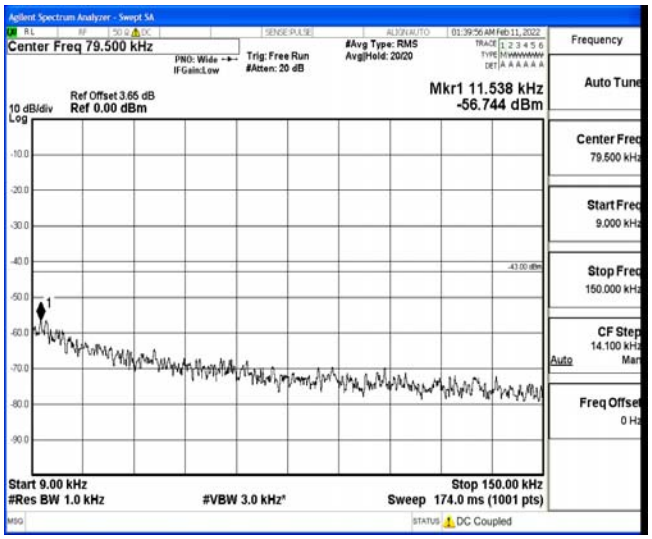
Band12-3MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



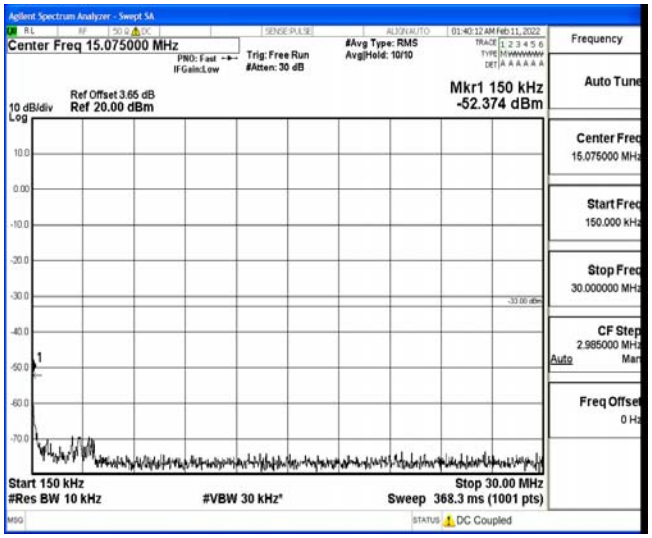
Band12-3MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



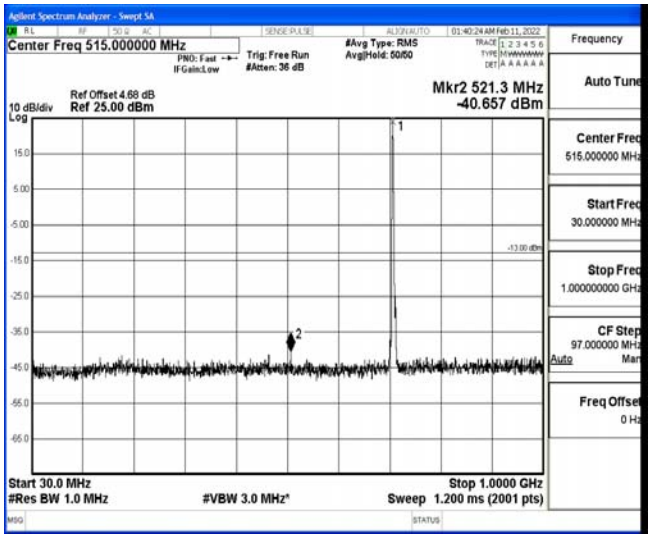
Band12-3MHz-16QAM-23165-1RB#0-Range1:0.009~0.15MHz



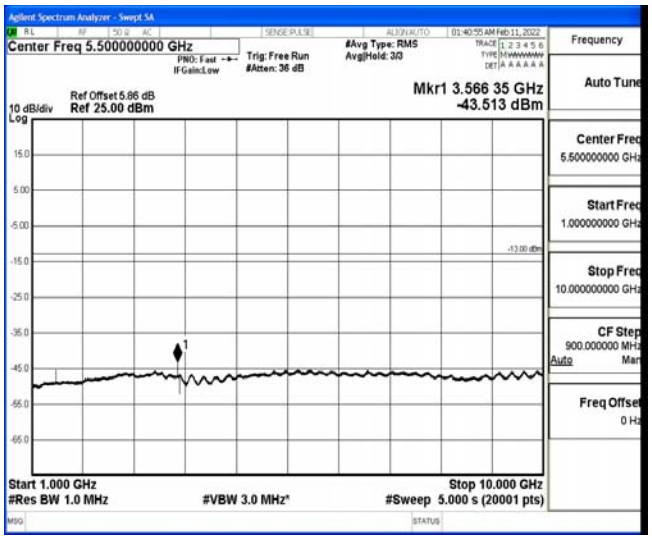
Band12-3MHz-16QAM-23165-1RB#0-Range2:0.15~30MHz



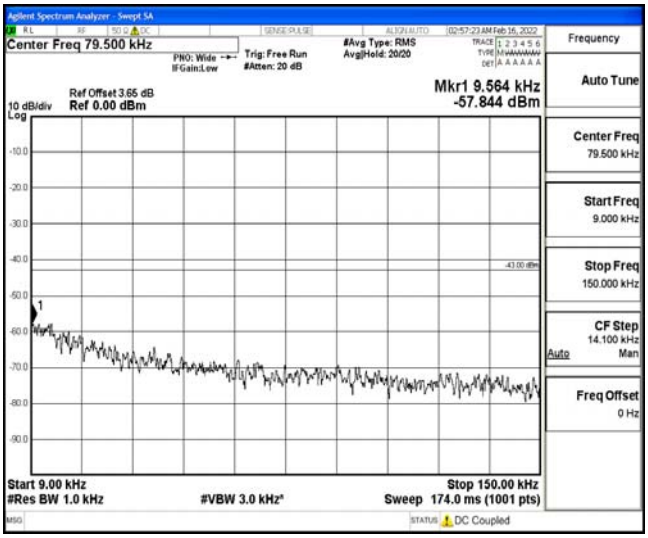
Band12-3MHz-16QAM-23165-1RB#0-Range3:30~1000MHz



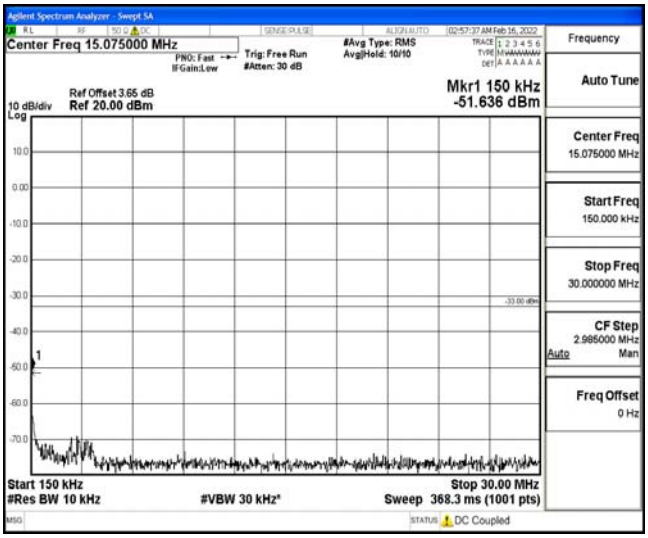
Band12-3MHz-16QAM-23165-1RB#0-Range4:1000~10000MHz



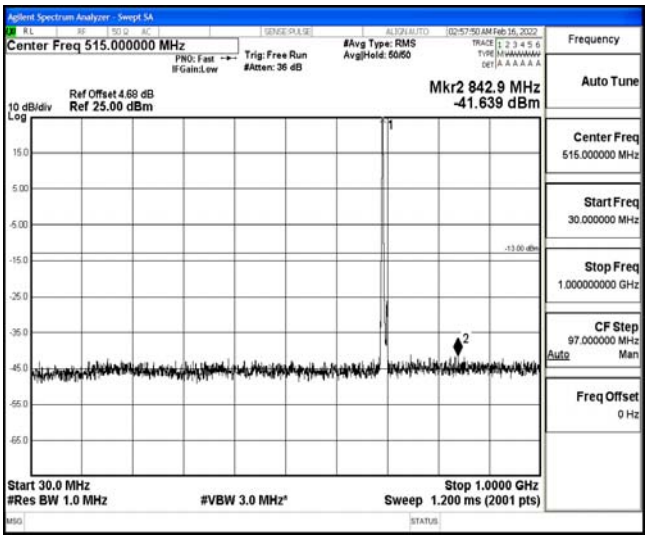
Band12-5MHz-QPSK-23035-1RB#0-Range1:0.009~0.15MHz



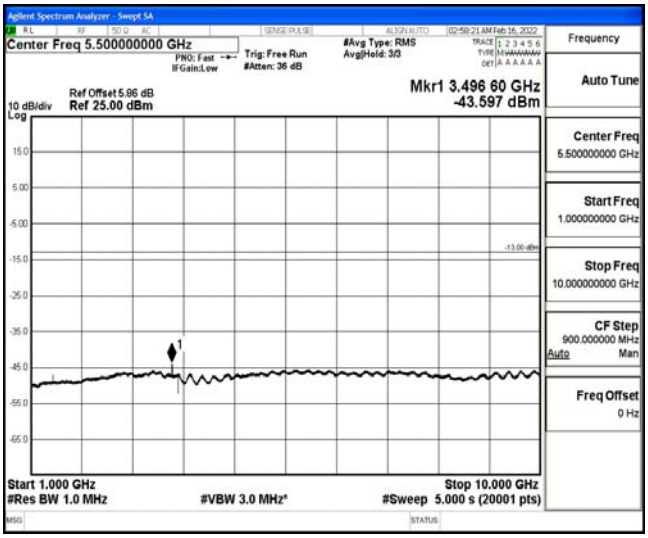
Band12-5MHz-QPSK-23035-1RB#0-Range2:0.15~30MHz



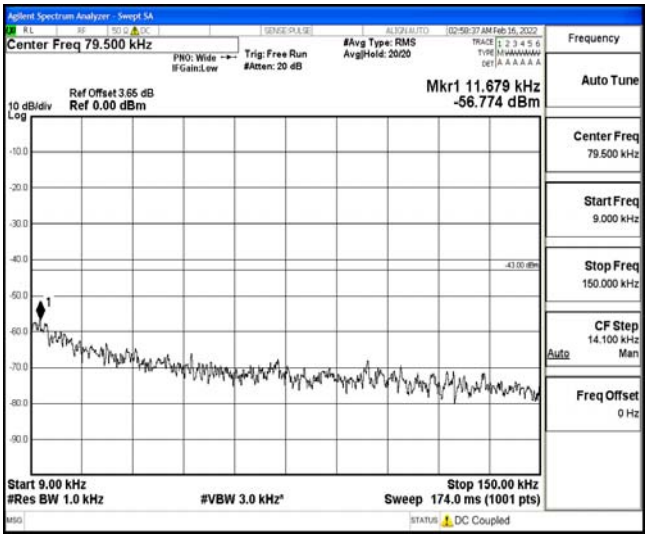
Band12-5MHz-QPSK-23035-1RB#0-Range3:30~1000MHz



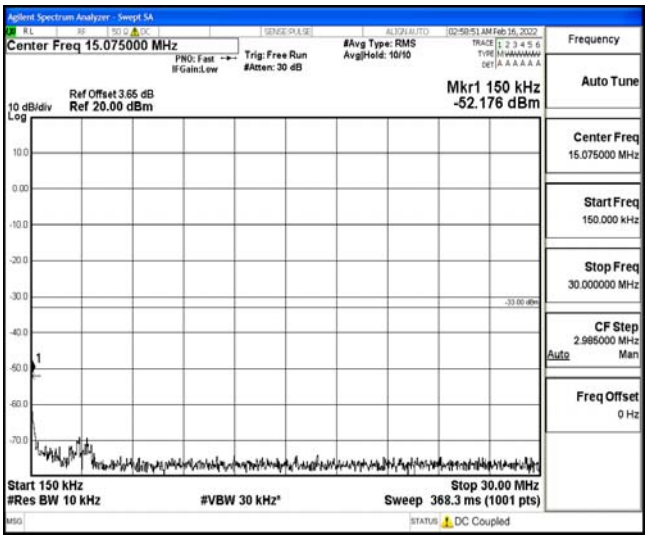
Band12-5MHz-QPSK-23035-1RB#0-Range4:1000~10000MHz



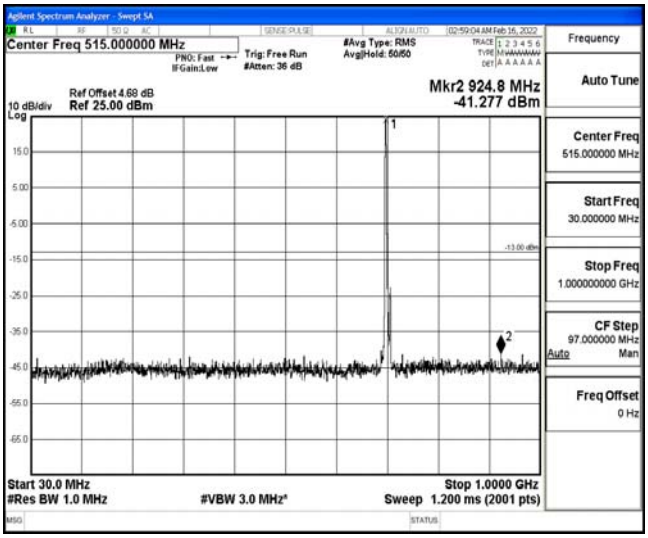
Band12-5MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



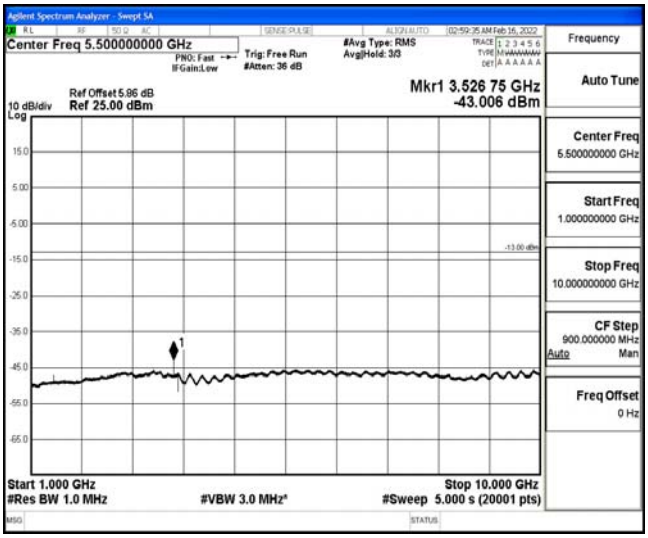
Band12-5MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



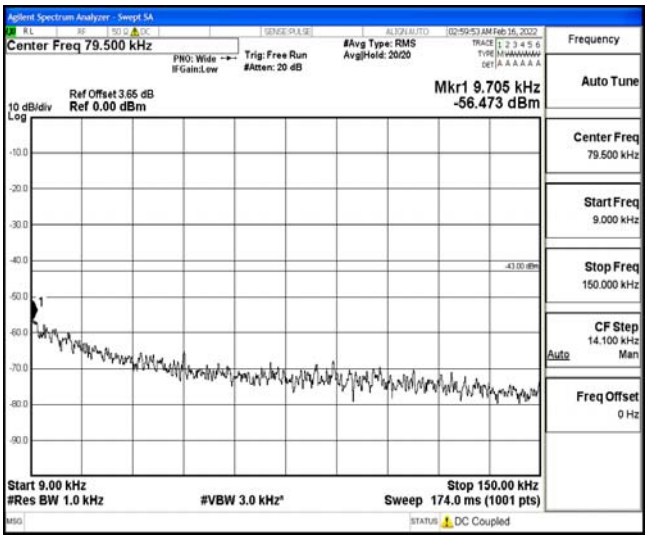
Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



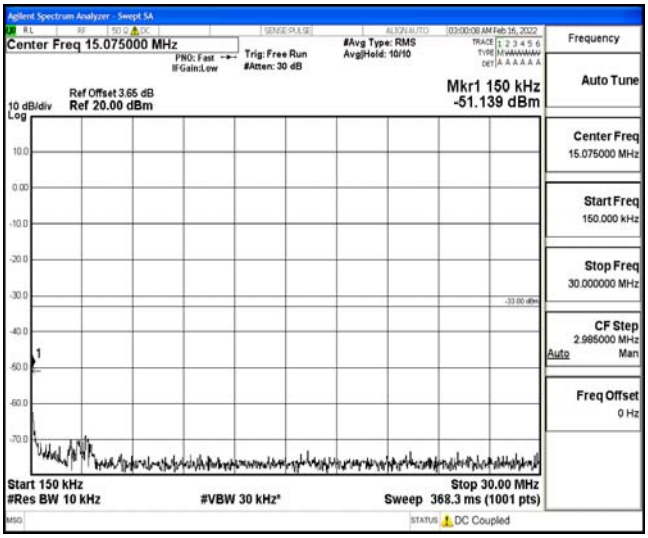
Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



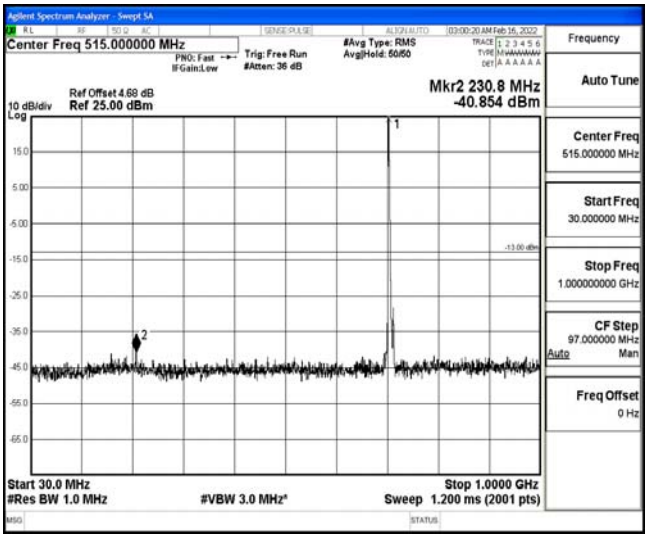
Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz



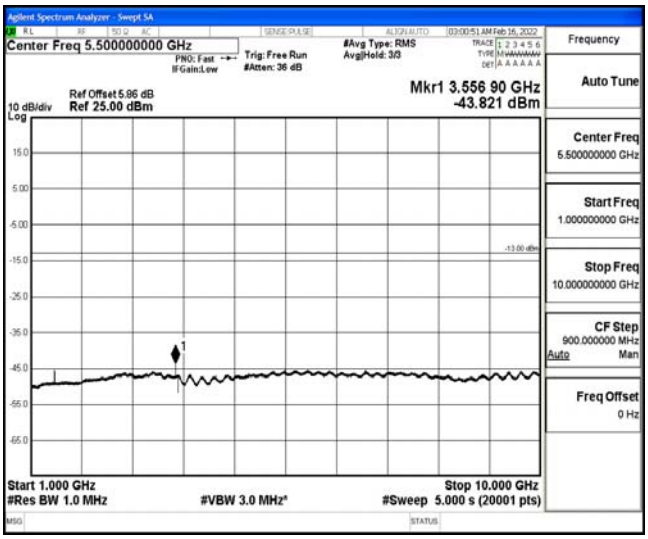
Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz



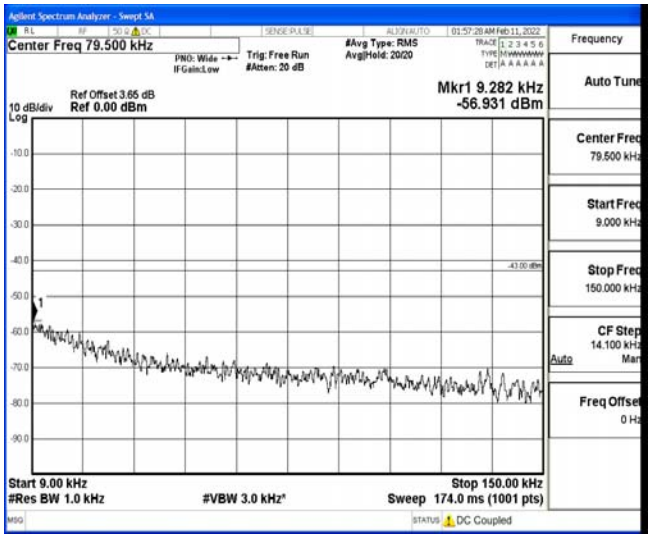
Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range4:1000~10000MHz

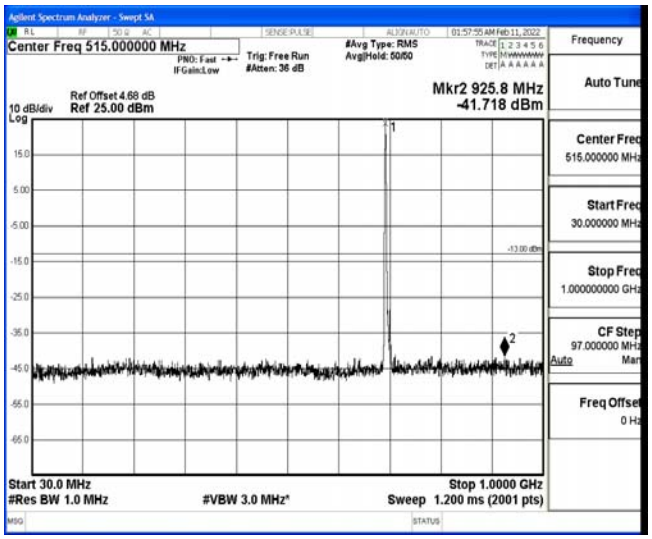


Band12-5MHz-16QAM-23035-1RB#0-Range1:0.009~0.15MHz

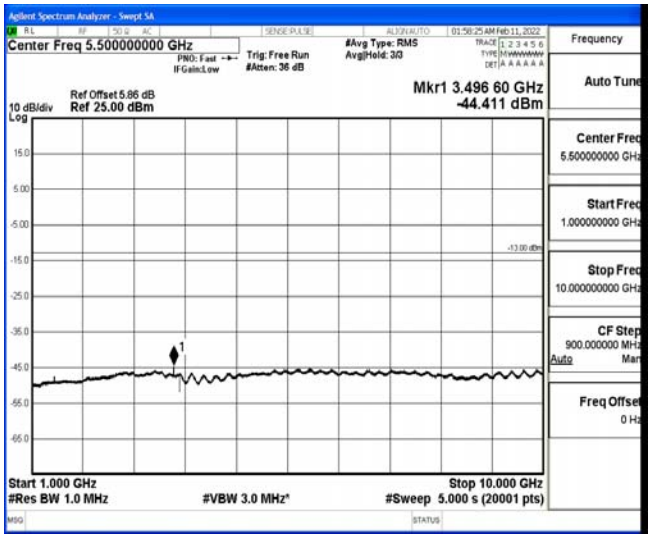


Band12-5MHz-16QAM-23035-1RB#0-Range2:0.15~30MHz

Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range4:1000~10000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz