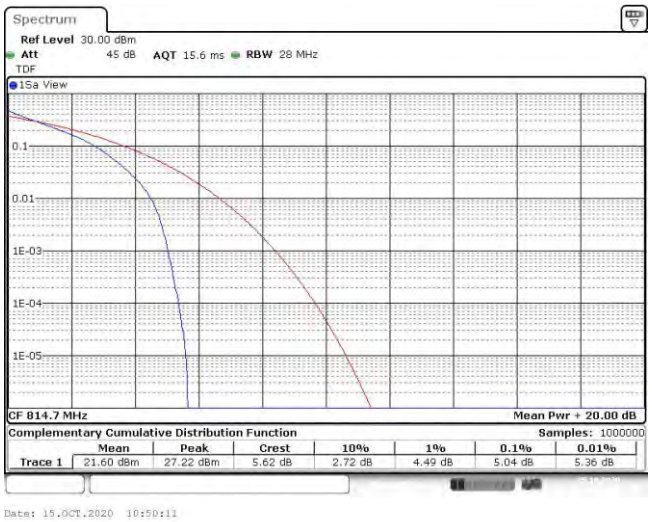
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

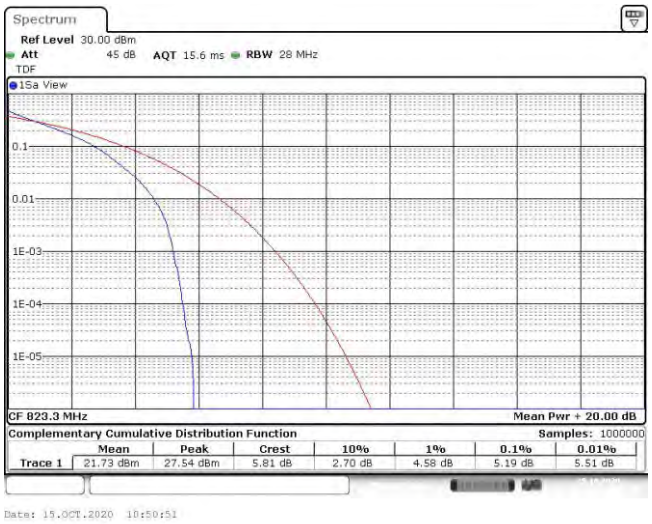
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	5.04	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.33	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.19	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	5.86	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.20	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	6.12	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.19	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.36	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.25	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	6.00	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.23	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	6.17	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.30	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.33	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.28	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	6.09	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	6.17	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	6.12	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.30	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.14	13	PASS

Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0


Band26-1.4MHz-QPSK-26740-6RB#0

Band26-1.4MHz-QPSK-26783-6RB#0

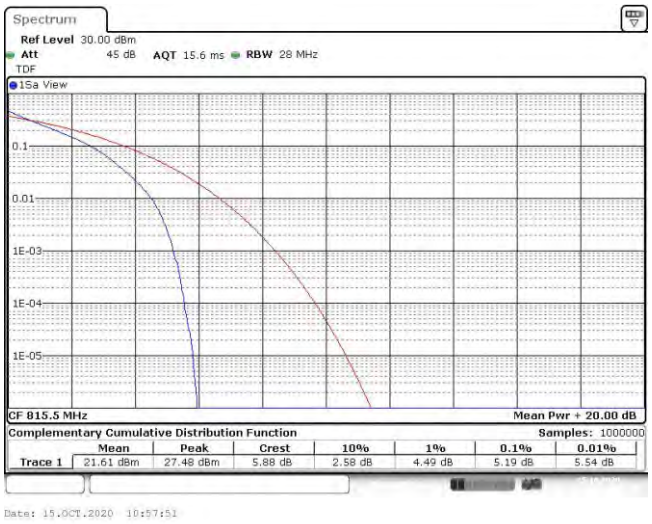


Band26-1.4MHz-16QAM-26697-6RB#0

Band26-1.4MHz-16QAM-26740-6RB#0

Band26-1.4MHz-16QAM-26783-6RB#0

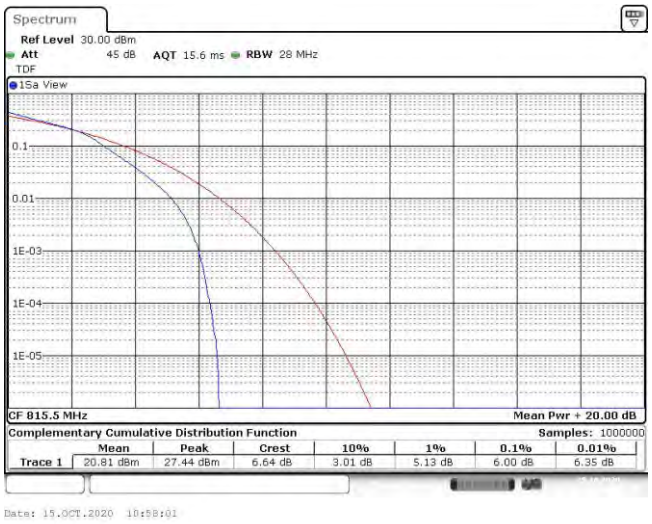
Band26-3MHz-QPSK-26705-15RB#0



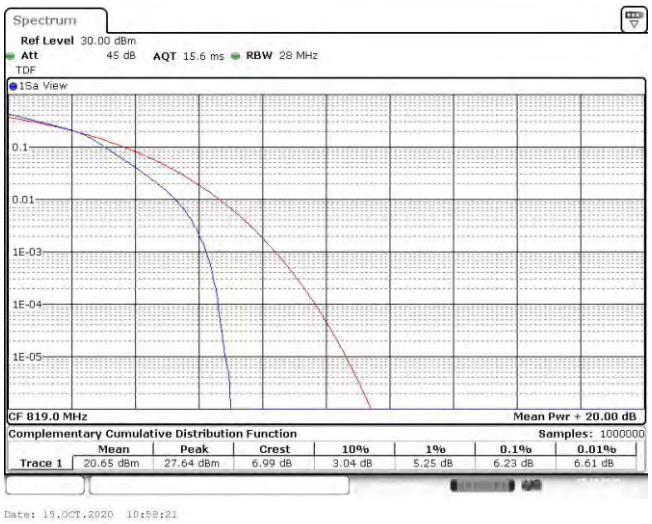
Band26-3MHz-QPSK-26740-15RB#0

Band26-3MHz-QPSK-26775-15RB#0

Band26-3MHz-16QAM-26705-15RB#0

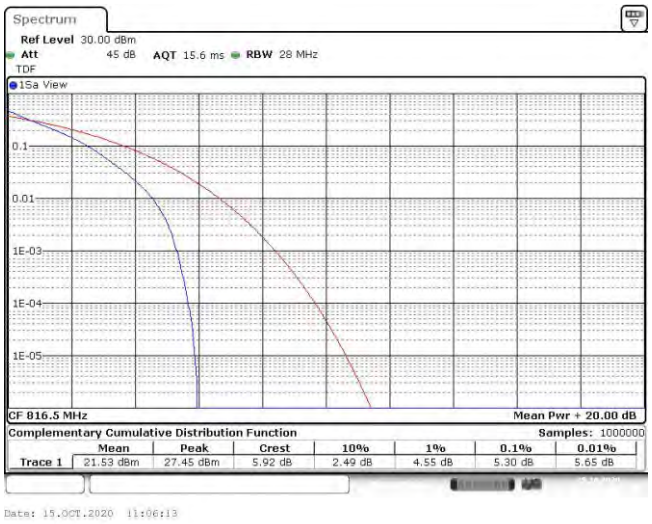


Band26-3MHz-16QAM-26740-15RB#0



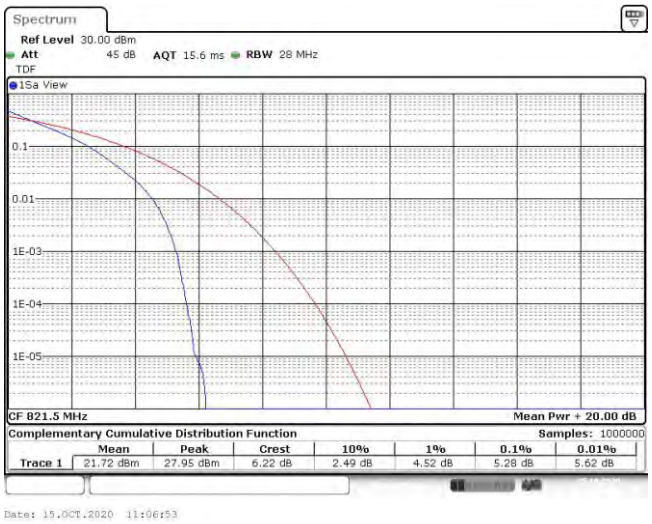
Band26-3MHz-16QAM-26775-15RB#0

Band26-5MHz-QPSK-26715-25RB#0



Band26-5MHz-QPSK-26740-25RB#0

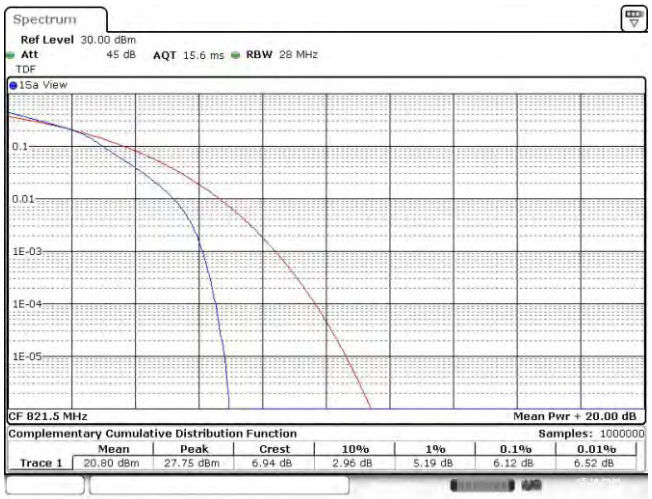
Band26-5MHz-QPSK-26765-25RB#0



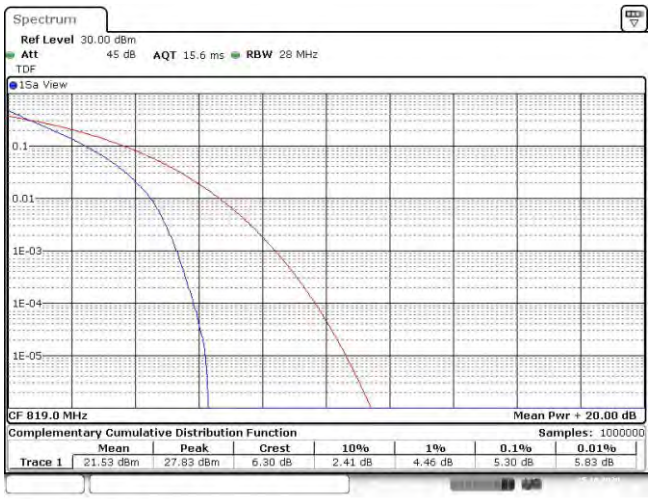
Band26-5MHz-16QAM-26715-25RB#0

Band26-5MHz-16QAM-26740-25RB#0

Band26-5MHz-16QAM-26765-25RB#0



Band26-10MHz-QPSK-26740-50RB#0



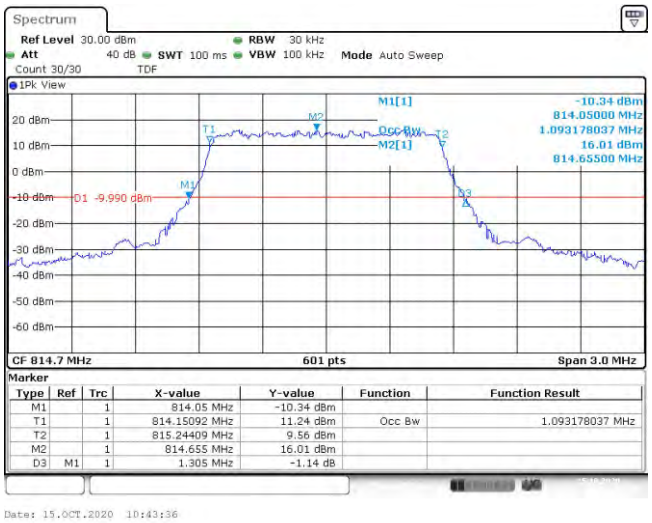
Band26-10MHz-16QAM-26740-50RB#0

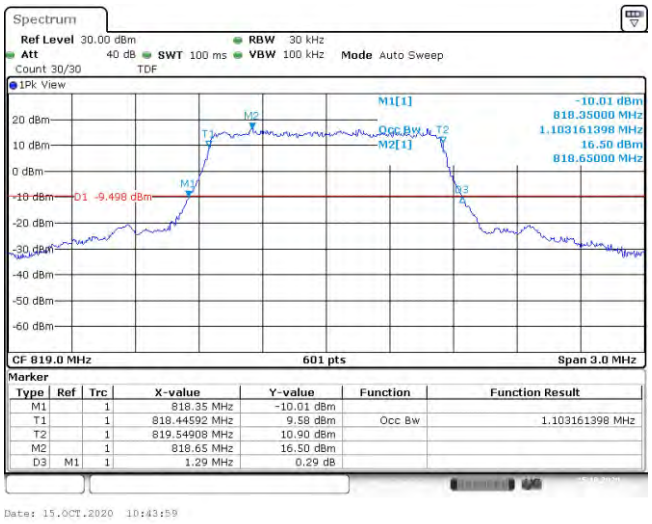
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

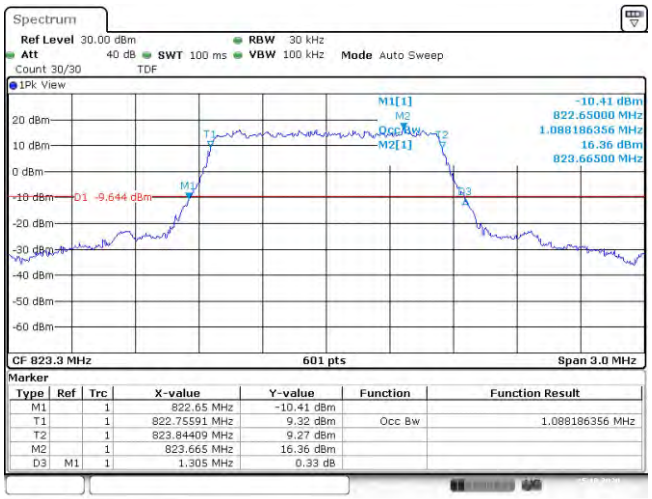
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.093	1.305	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.103	1.290	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.088	1.305	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.098	1.320	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.098	1.305	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.103	1.320	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.705	2.990	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.705	2.970	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.696	2.980	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.696	2.990	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.696	2.990	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.705	2.990	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.496	5.020	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.515	5.040	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.505	5.050	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.515	5.070	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.515	5.040	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.505	5.010	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.985	10.000	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.985	9.967	PASS

Test Graphs

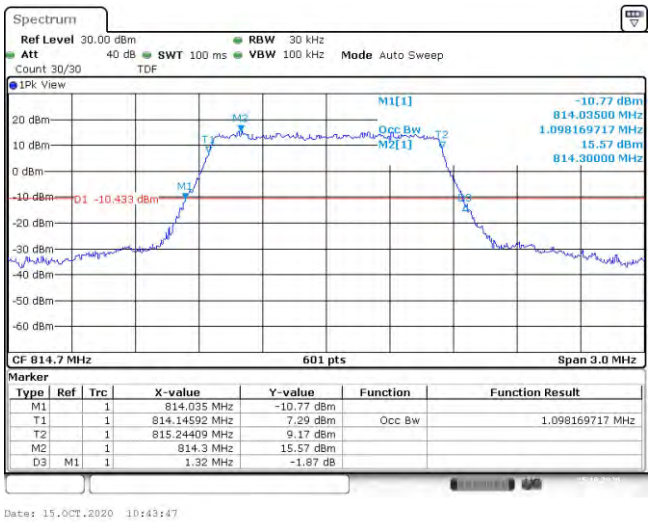
Band26-1.4MHz-QPSK-26697-6RB#0-1.093


Band26-1.4MHz-QPSK-26740-6RB#0-1.103


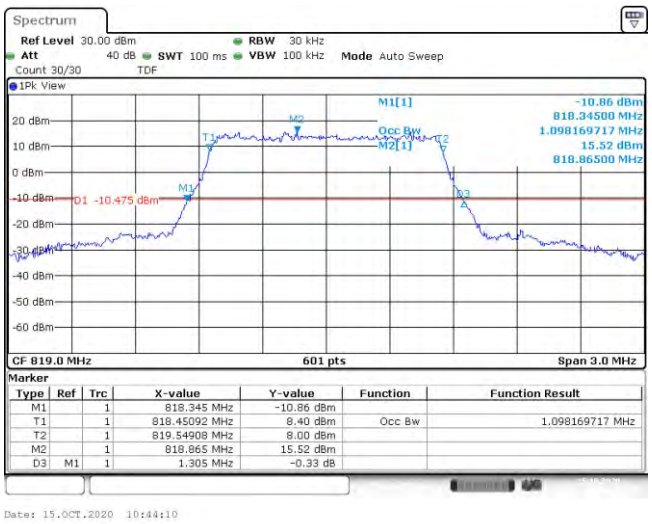
Band26-1.4MHz-QPSK-26783-6RB#0-1.088



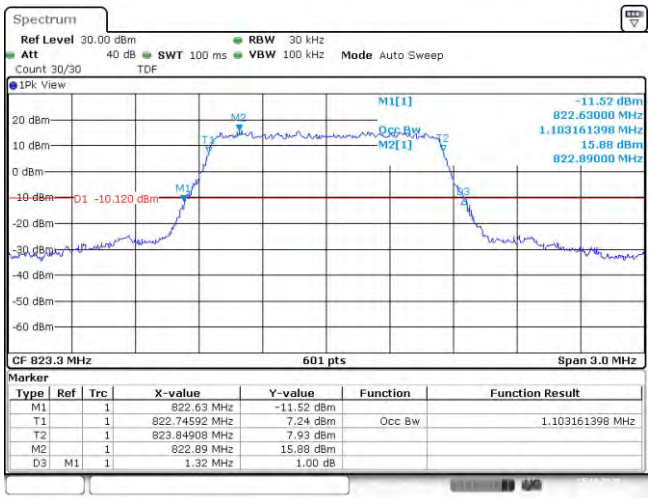
Band26-1.4MHz-16QAM-26697-6RB#0-1.098



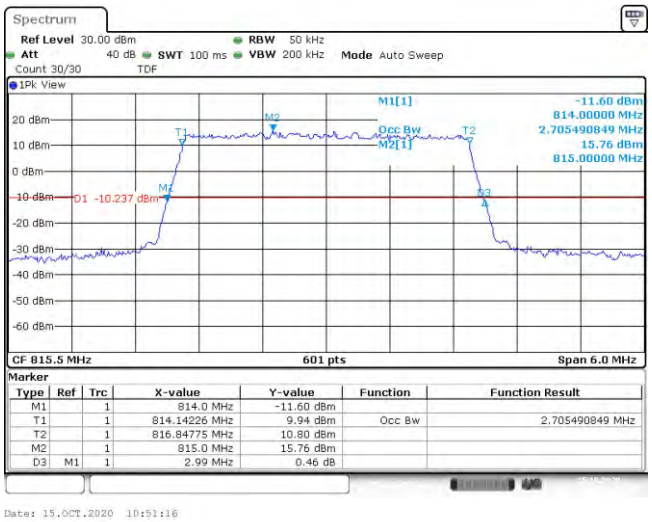
Band26-1.4MHz-16QAM-26740-6RB#0-1.098



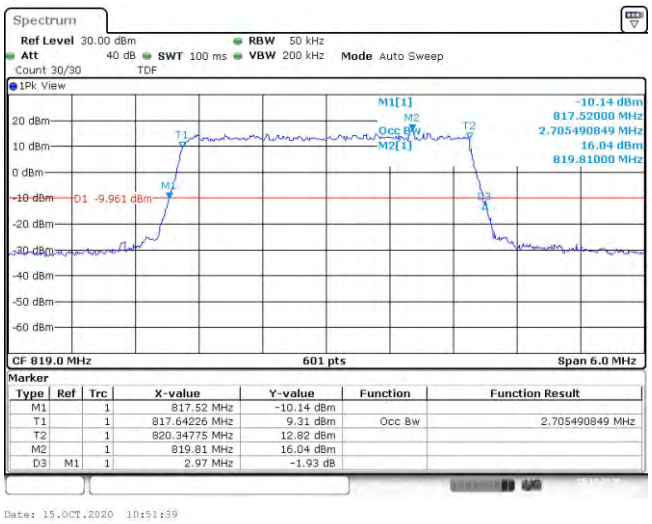
Band26-1.4MHz-16QAM-26783-6RB#0-1.103



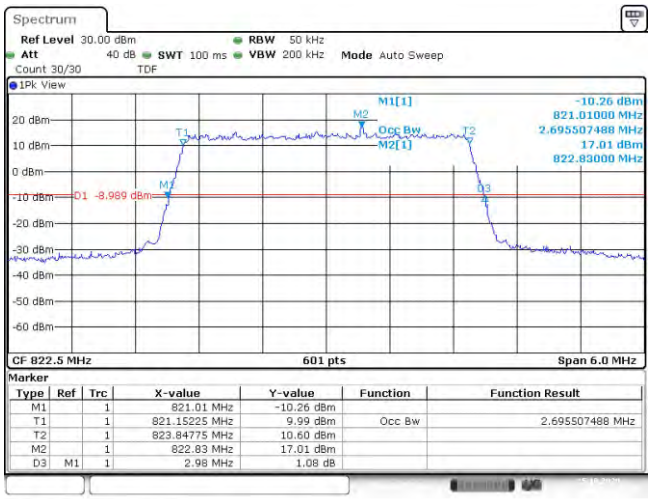
Band26-3MHz-QPSK-26705-15RB#0-2.705



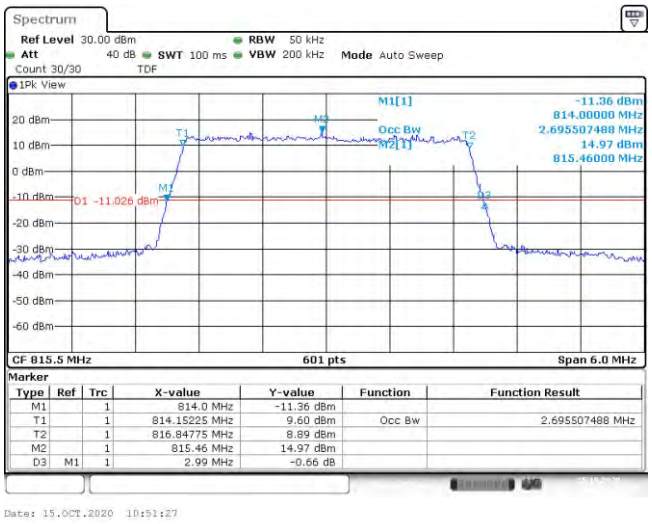
Band26-3MHz-QPSK-26740-15RB#0-2.705



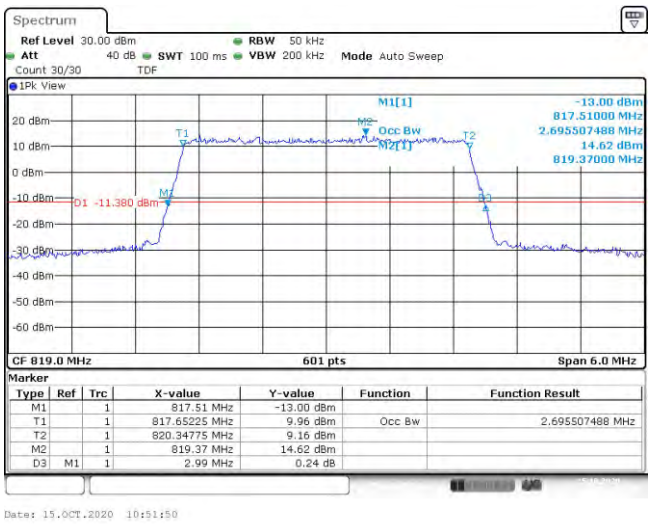
Band26-3MHz-QPSK-26775-15RB#0-2.696



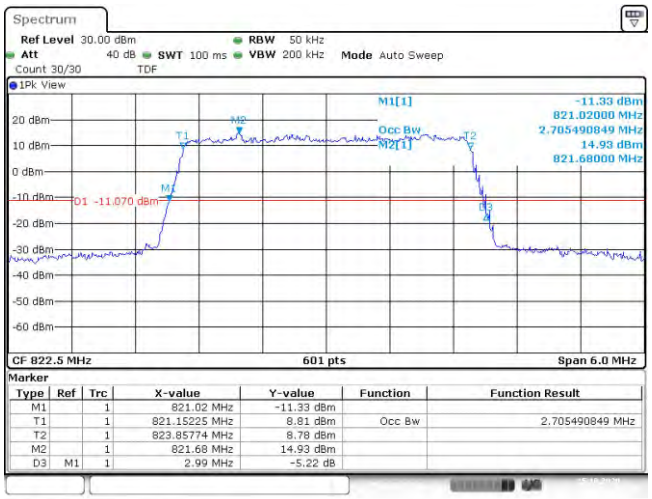
Band26-3MHz-16QAM-26705-15RB#0-2.696



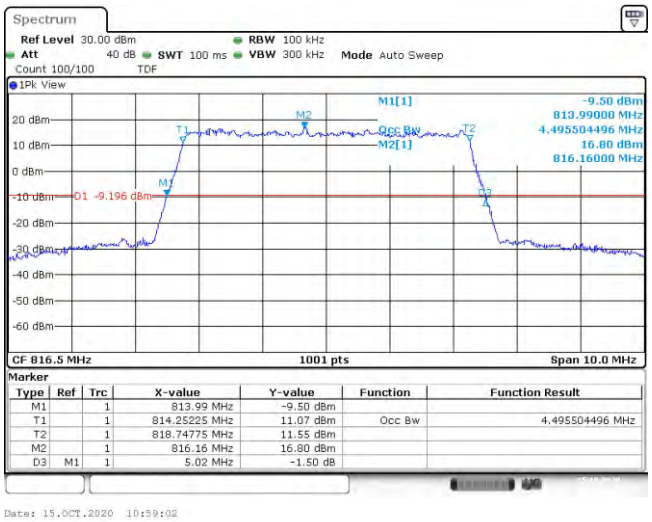
Band26-3MHz-16QAM-26740-15RB#0-2.696



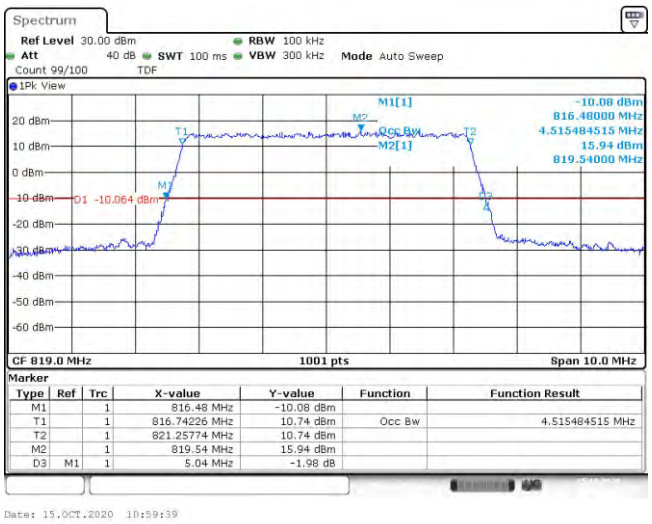
Band26-3MHz-16QAM-26775-15RB#0-2.705



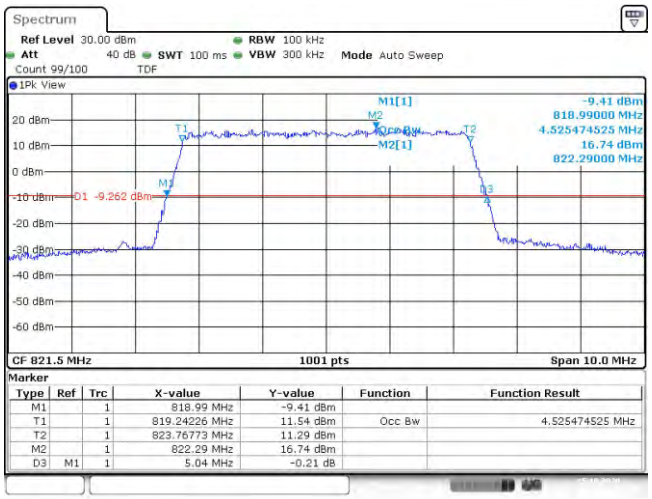
Band26-5MHz-QPSK-26715-25RB#0-4.496



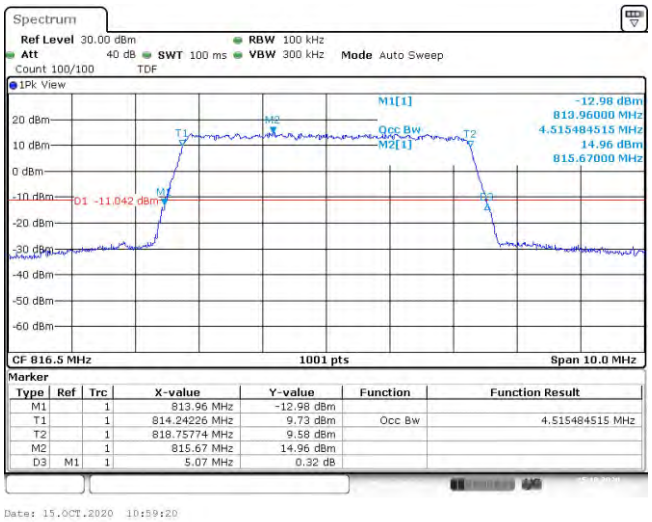
Band26-5MHz-QPSK-26740-25RB#0-4.515



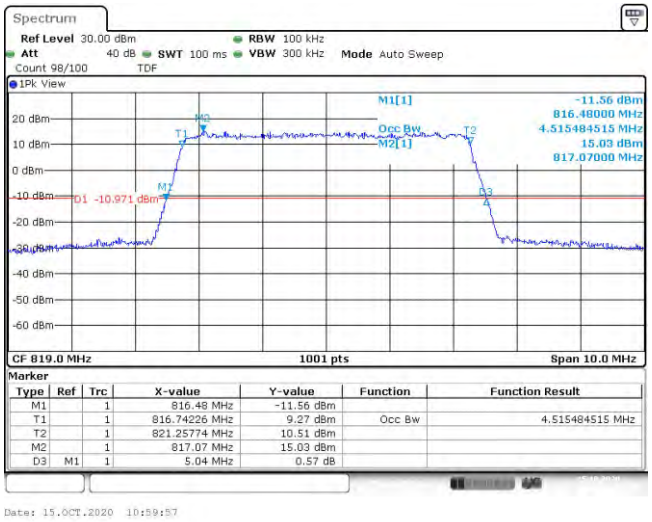
Band26-5MHz-QPSK-26765-25RB#0-4.525



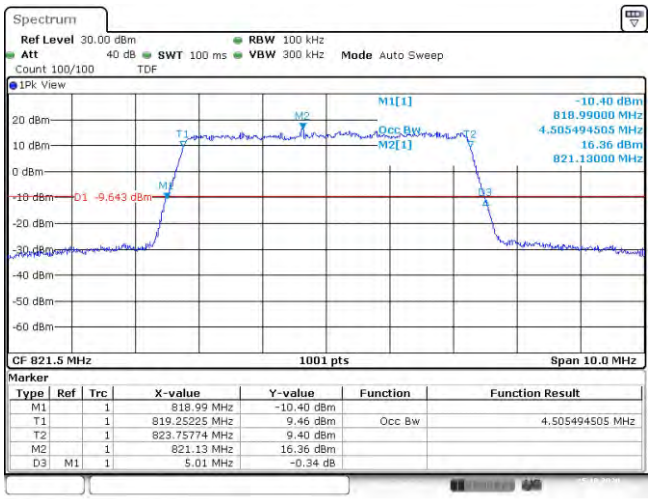
Band26-5MHz-16QAM-26715-25RB#0-4.515



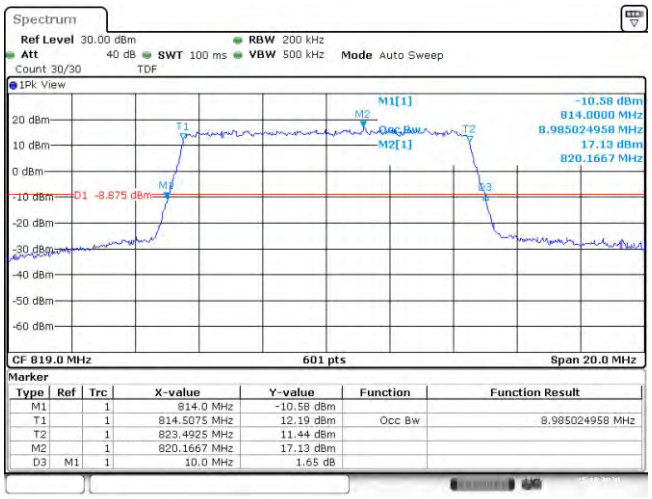
Band26-5MHz-16QAM-26740-25RB#0-4.515



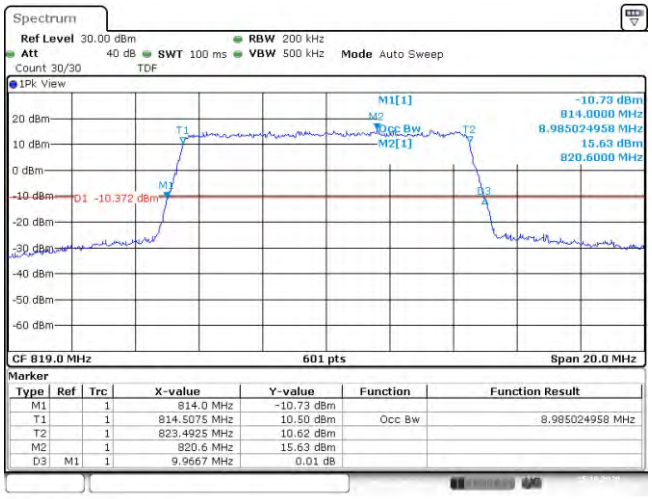
Band26-5MHz-16QAM-26765-25RB#0-4.505



Band26-10MHz-QPSK-26740-50RB#0-8.985



Band26-10MHz-16QAM-26740-50RB#0-8.985

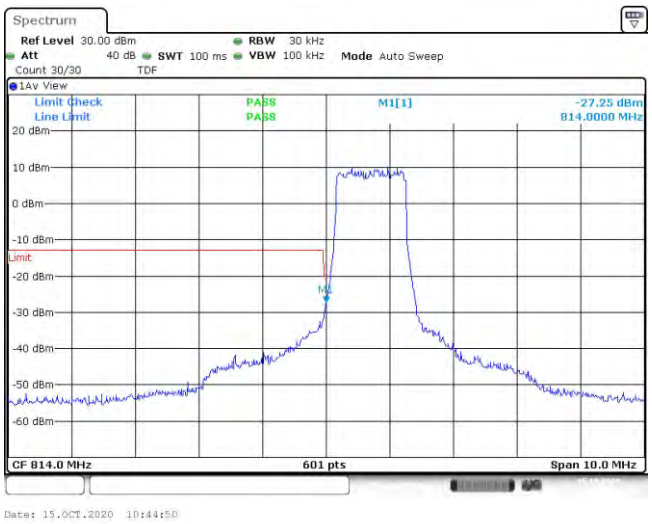


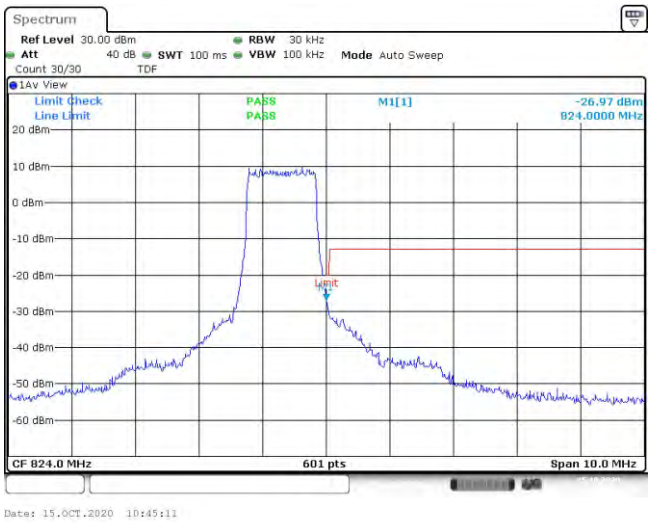
Appendix C: Band Edge

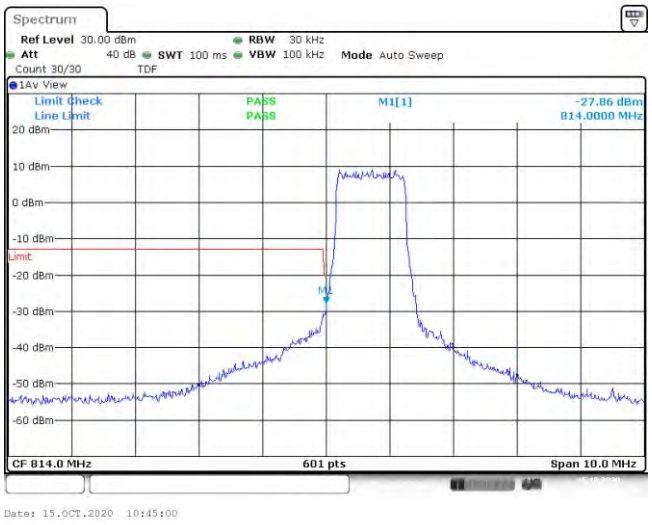
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	-27.25	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-26.97	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	-27.86	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-29.60	PASS
Band26	3MHz	QPSK	26705	15RB#0	-26.47	PASS
Band26	3MHz	QPSK	26775	15RB#0	-26.38	PASS
Band26	3MHz	16QAM	26705	15RB#0	-25.51	PASS
Band26	3MHz	16QAM	26775	15RB#0	-27.25	PASS
Band26	5MHz	QPSK	26715	25RB#0	-28.66	PASS
Band26	5MHz	QPSK	26765	25RB#0	-27.89	PASS
Band26	5MHz	16QAM	26715	25RB#0	-28.91	PASS
Band26	5MHz	16QAM	26765	25RB#0	-28.75	PASS
Band26	10MHz	QPSK	26740	50RB#0	-32.13,-29.87,-30.24,-30.88	PASS
Band26	10MHz	16QAM	26740	50RB#0	-33.26,-32.45,-32.43,-31.91	PASS

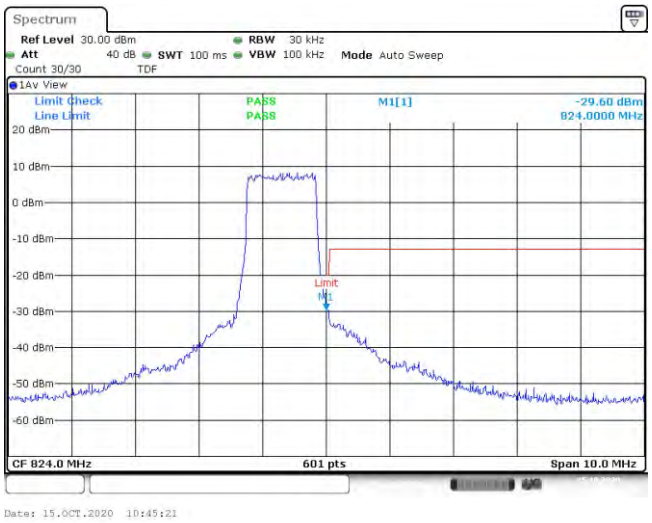
Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0


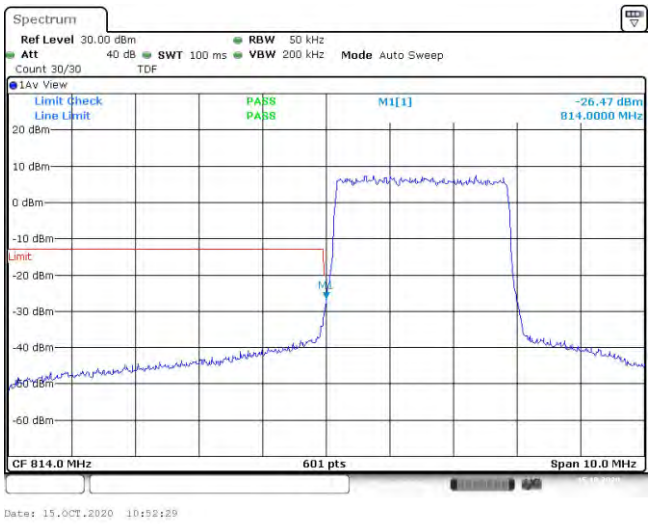
Band26-1.4MHz-QPSK-26783-6RB#0


Band26-1.4MHz-16QAM-26697-6RB#0


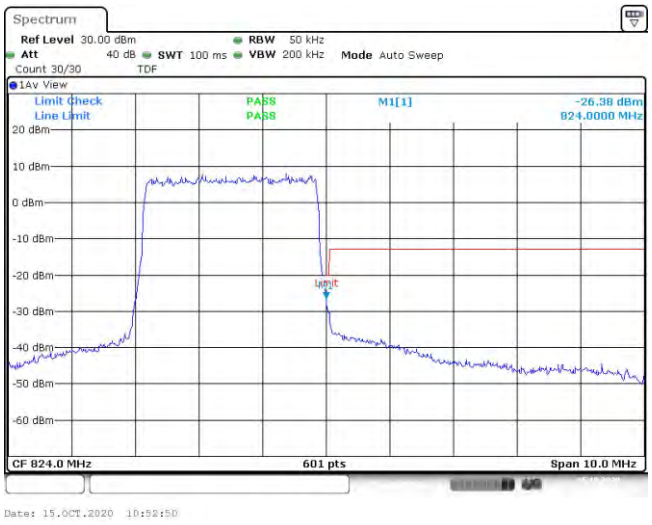
Band26-1.4MHz-16QAM-26783-6RB#0



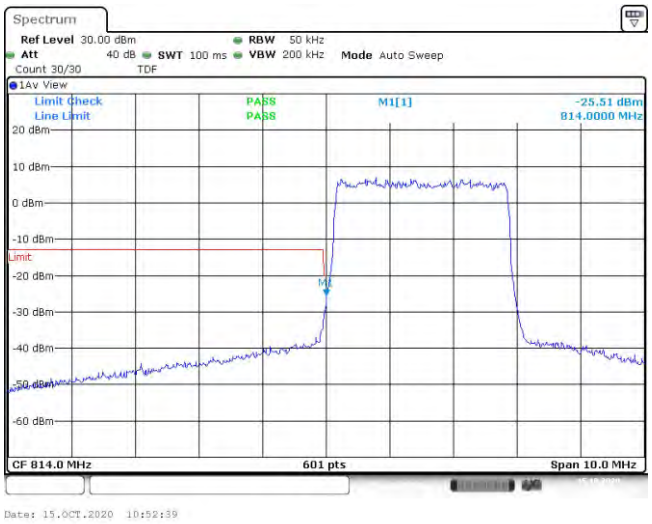
Band26-3MHz-QPSK-26705-15RB#0



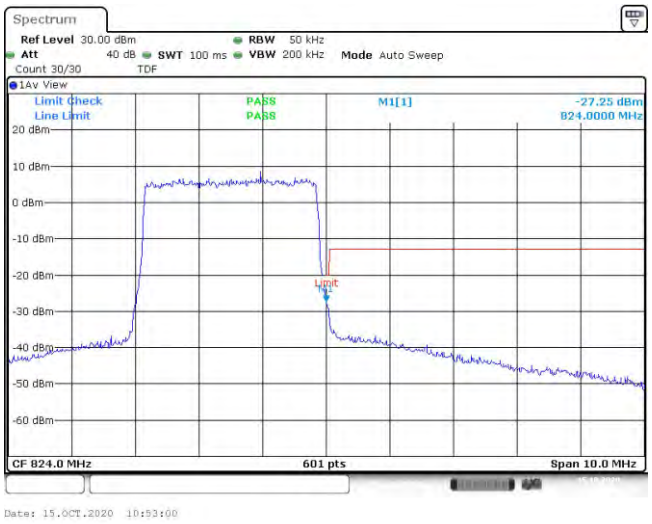
Band26-3MHz-QPSK-26775-15RB#0



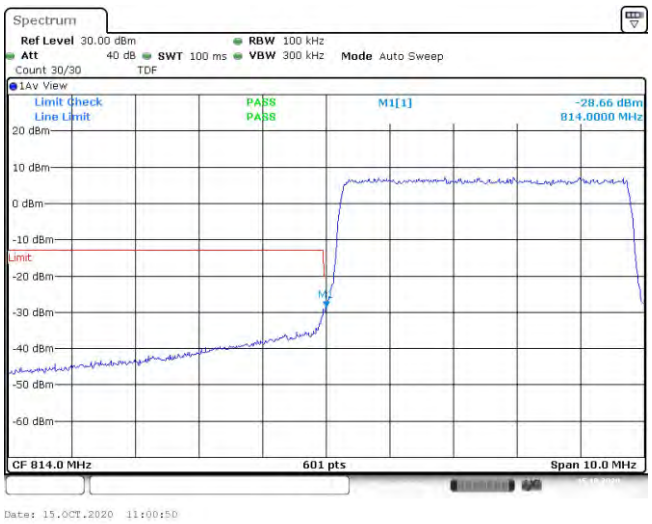
Band26-3MHz-16QAM-26705-15RB#0



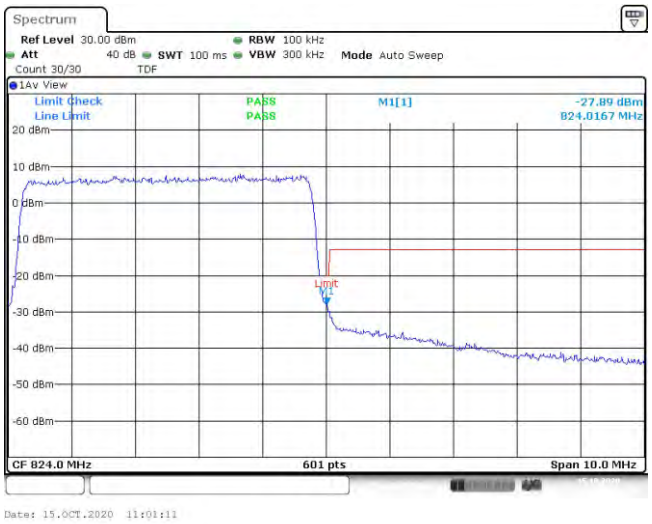
Band26-3MHz-16QAM-26775-15RB#0



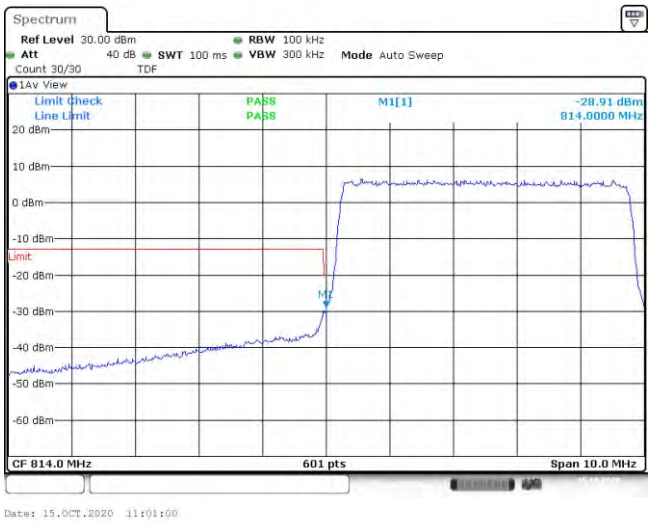
Band26-5MHz-QPSK-26715-25RB#0



Band26-5MHz-QPSK-26765-25RB#0



Band26-5MHz-16QAM-26715-25RB#0



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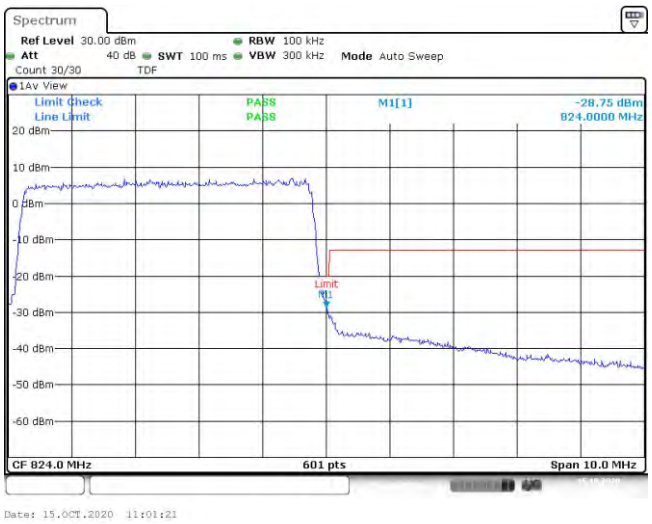
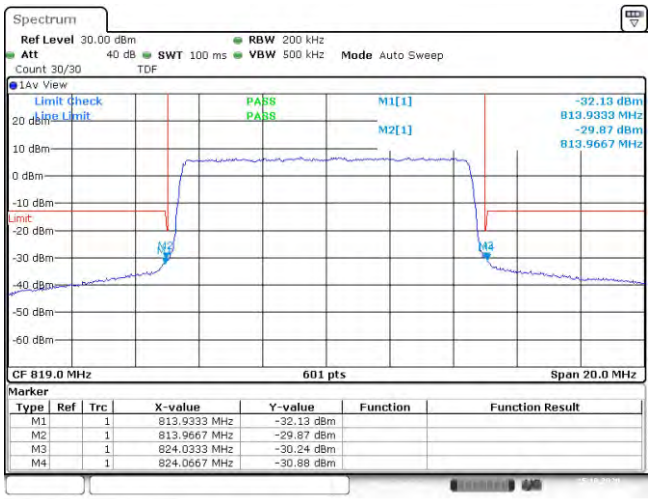


Band26-10MHz-QPSK-26740-50RB#0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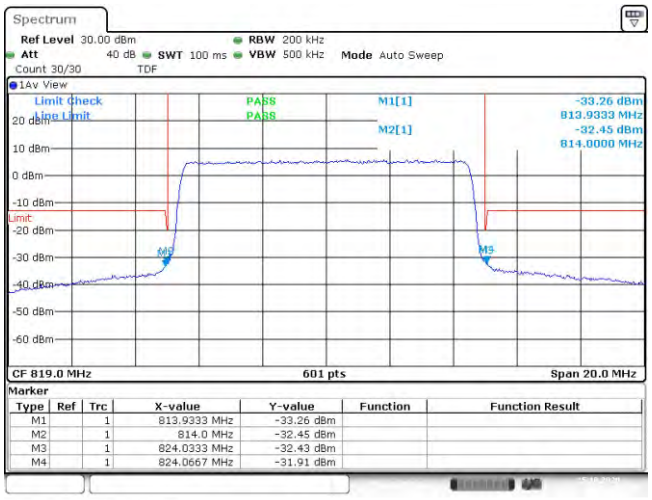
Ref Level 30.00 dBm
RBW 200 kHz
Att 40 dB
SWT 100 ms
VBW 500 kHz
Mode Auto Sweep
Count 30/30
TDF
1Av View
Limit Check PASS
Line Limit PASS
M1[1] -32.13 dBm 813.9333 MHz
M2[1] -29.87 dBm 813.9667 MHz
20 dBm
10 dBm
0 dBm
-10 dBm
Limit
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
M3
M4
CF 819.0 MHz
601 pts
Span 20.0 MHz
Marker
Type | Ref | Trc | X-value | Y-value | Function | Function Result
M1 | | 1 | 813.9333 MHz | -32.13 dBm
M2 | | 1 | 813.9667 MHz | -29.87 dBm
M3 | | 1 | 824.0333 MHz | -30.24 dBm
M4 | | 1 | 824.0667 MHz | -30.88 dBm
Date: 15.OCT.2020 11:07:44


Spectrum
Ref Level 30.00 dBm
RBW 200 kHz
Att 40 dB
SWT 100 ms
VBW 500 kHz
Mode Auto Sweep
Count 30/30
TDF
1Av View
Limit Check PASS
Line Limit PASS
M1[1] -33.26 dBm 813.9333 MHz
M2[1] -32.45 dBm 814.0000 MHz
20 dBm
10 dBm
0 dBm
-10 dBm
Limit
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
M3
M4
CF 819.0 MHz
601 pts
Span 20.0 MHz
Marker
Type | Ref | Trc | X-value | Y-value | Function | Function Result
M1 | | 1 | 813.9333 MHz | -33.26 dBm
M2 | | 1 | 814.0 MHz | -32.45 dBm
M3 | | 1 | 824.0333 MHz | -32.43 dBm
M4 | | 1 | 824.0667 MHz | -31.91 dBm
Date: 15.OCT.2020 11:07:56

Appendix D: Conducted Spurious Emission

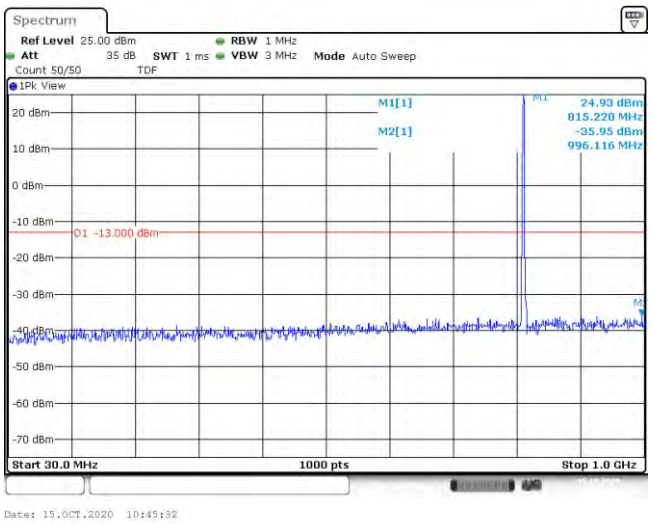
Test Result

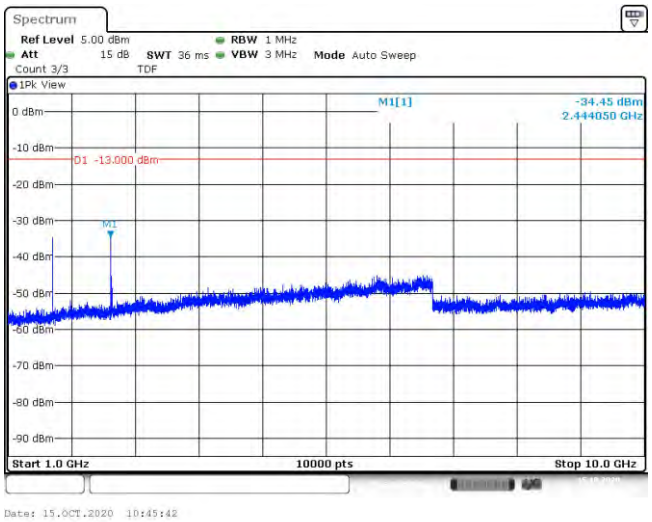
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	Range1:30~1000MHz	-35.95	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	Range2:1000~10000MHz	-34.45	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	Range1:30~1000MHz	-35.9	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	Range2:1000~10000MHz	-33.04	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	Range1:30~1000MHz	-36.08	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	Range2:1000~10000MHz	-32.92	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	Range1:30~1000MHz	-36.27	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	Range2:1000~10000MHz	-34.25	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	Range1:30~1000MHz	-35.96	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	Range2:1000~10000MHz	-32.77	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	Range1:30~1000MHz	-36.02	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	Range2:1000~10000MHz	-32.71	PASS
Band26	3MHz	QPSK	26705	15RB#0	Range1:30~1000MHz	-36.21	PASS
Band26	3MHz	QPSK	26705	15RB#0	Range2:1000~10000MHz	-37.98	PASS
Band26	3MHz	QPSK	26740	15RB#0	Range1:30~1000MHz	-35.46	PASS
Band26	3MHz	QPSK	26740	15RB#0	Range2:1000~10000MHz	-37.89	PASS
Band26	3MHz	QPSK	26775	15RB#0	Range1:30~1000MHz	-35.22	PASS
Band2	3MHz	QPSK	26775	15RB#0	Range2:1000~10000M	-37.4	PAS

6					Hz	7	S
Band26	3MHz	16QAM	26705	15RB#0	Range1:30~1000MHz	-36.11	PASS
Band26	3MHz	16QAM	26705	15RB#0	Range2:1000~10000MHz	-37.61	PASS
Band26	3MHz	16QAM	26740	15RB#0	Range1:30~1000MHz	-35.17	PASS
Band26	3MHz	16QAM	26740	15RB#0	Range2:1000~10000MHz	-37.51	PASS
Band26	3MHz	16QAM	26775	15RB#0	Range1:30~1000MHz	-36.4	PASS
Band26	3MHz	16QAM	26775	15RB#0	Range2:1000~10000MHz	-37.79	PASS
Band26	5MHz	QPSK	26715	25RB#0	Range1:30~1000MHz	-35.86	PASS
Band26	5MHz	QPSK	26715	25RB#0	Range2:1000~10000MHz	-39.67	PASS
Band26	5MHz	QPSK	26740	25RB#0	Range1:30~1000MHz	-36.16	PASS
Band26	5MHz	QPSK	26740	25RB#0	Range2:1000~10000MHz	-40.04	PASS
Band26	5MHz	QPSK	26765	25RB#0	Range1:30~1000MHz	-34.76	PASS
Band26	5MHz	QPSK	26765	25RB#0	Range2:1000~10000MHz	-39.83	PASS
Band26	5MHz	16QAM	26715	25RB#0	Range1:30~1000MHz	-35.01	PASS
Band26	5MHz	16QAM	26715	25RB#0	Range2:1000~10000MHz	-38.78	PASS
Band26	5MHz	16QAM	26740	25RB#0	Range1:30~1000MHz	-35.2	PASS
Band26	5MHz	16QAM	26740	25RB#0	Range2:1000~10000MHz	-39.7	PASS
Band26	5MHz	16QAM	26765	25RB#0	Range1:30~1000MHz	-35.62	PASS
Band26	5MHz	16QAM	26765	25RB#0	Range2:1000~10000MHz	-38.31	PASS
Band26	10MHz	QPSK	26740	50RB#0	Range1:30~1000MHz	-36.44	PASS
Band26	10MHz	QPSK	26740	50RB#0	Range2:1000~10000MHz	-42.2	PASS
Band26	10MHz	16QAM	26740	50RB#0	Range1:30~1000MHz	-36.61	PASS

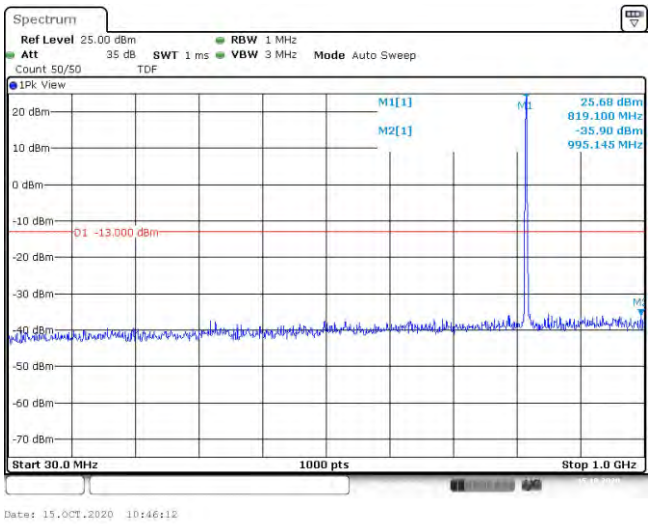
Band26	10MHz	16QAM	26740	50RB#0	Range2:1000~10000MHz	-41.29	PASS

Test Graphs

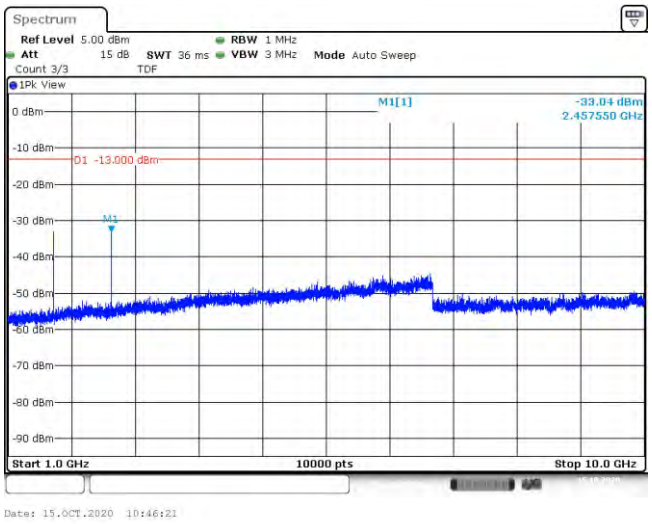
Band26-1.4MHz-QPSK-26697-6RB#0-Range1:30~1000MHz


Band26-1.4MHz-QPSK-26697-6RB#0-Range2:1000~10000MHz


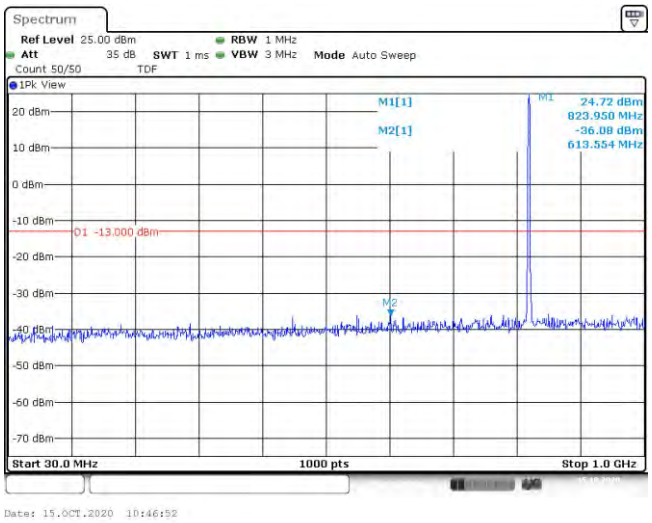
Band26-1.4MHz-QPSK-26740-6RB#0-Range1:30~1000MHz



Band26-1.4MHz-QPSK-26740-6RB#0-Range2:1000~10000MHz



Band26-1.4MHz-QPSK-26783-6RB#0-Range1:30~1000MHz



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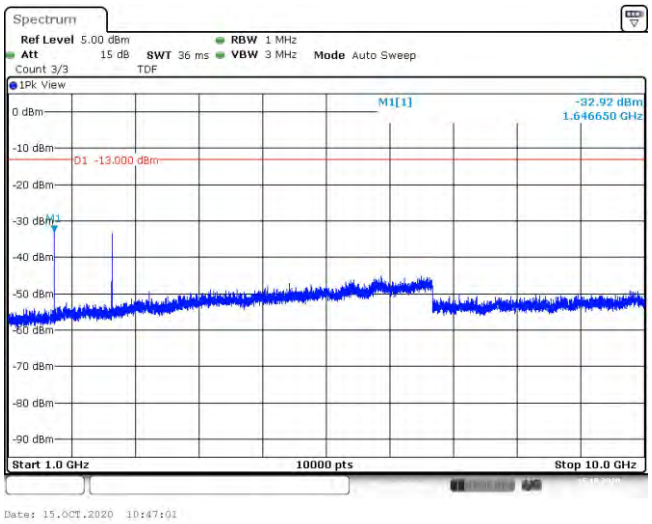
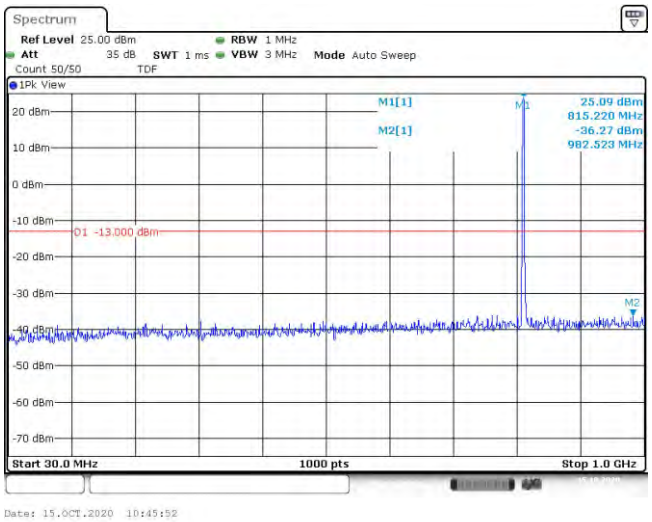


Band26-1.4MHz-16QAM-26697-6RB#0-Range1:30~1000MHz



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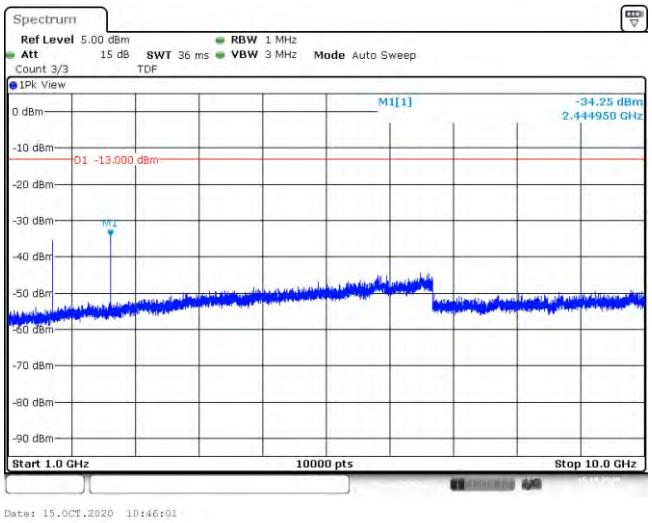

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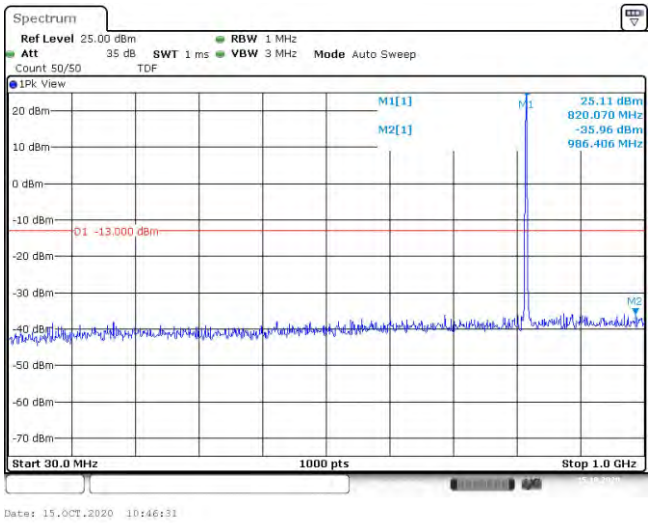

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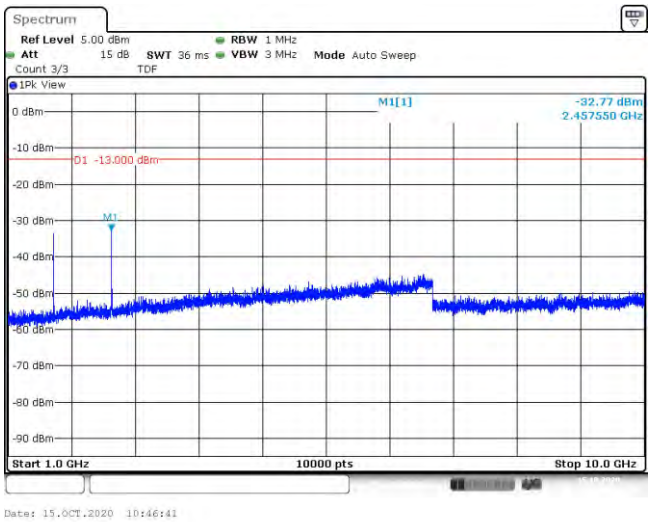

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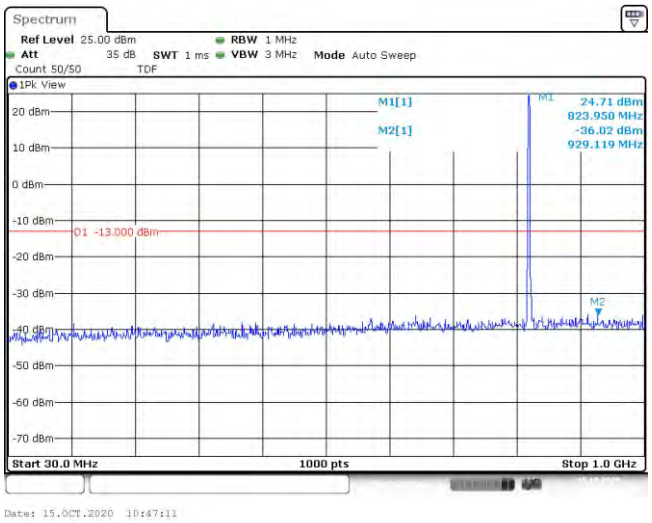

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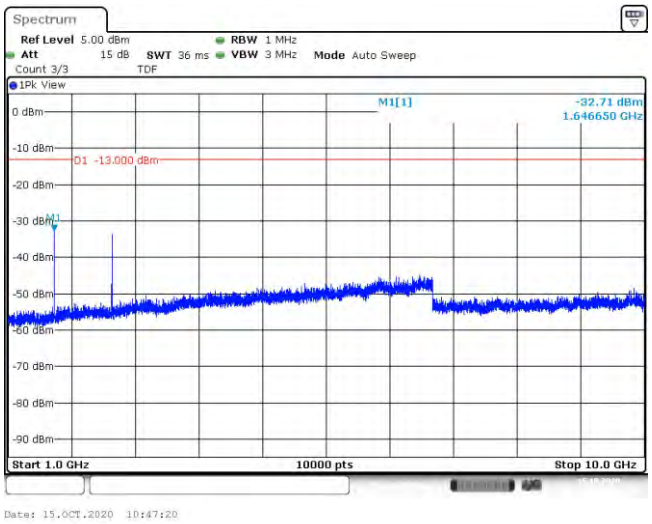
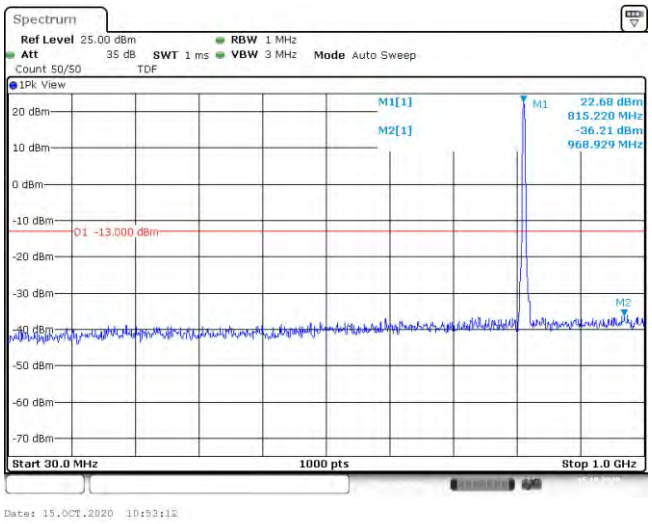
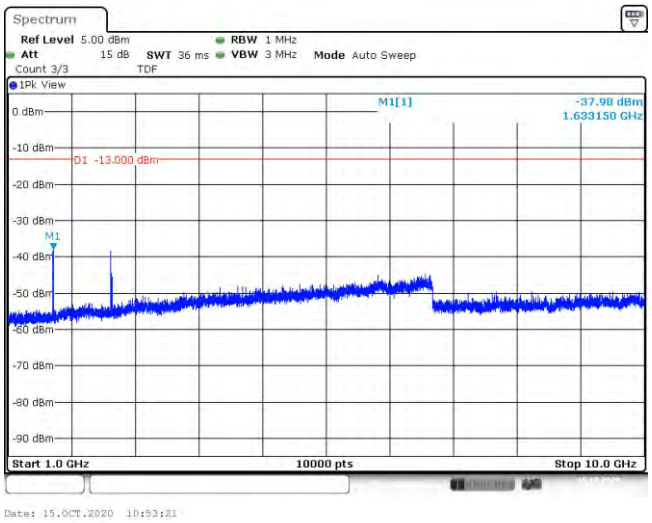


Band26-3MHz-QPSK-26705-15RB#0-Range1:30~1000MHz



Band26-3MHz-QPSK-26705-15RB#0-Range2:1000~10000MHz



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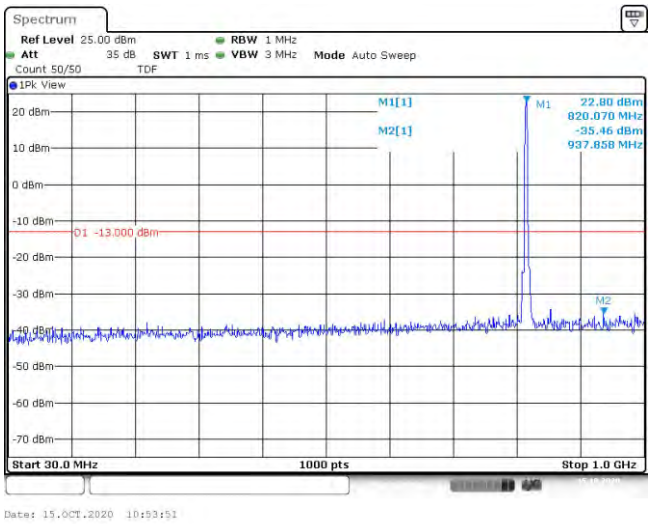
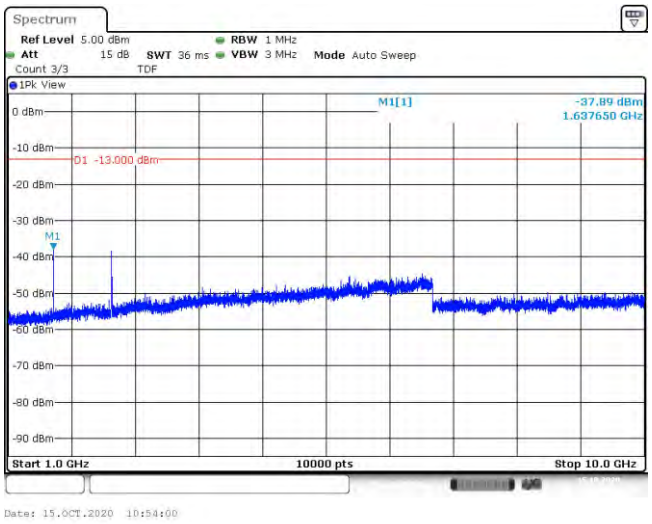


Band26-3MHz-QPSK-26740-15RB#0-Range2:1000~10000MHz



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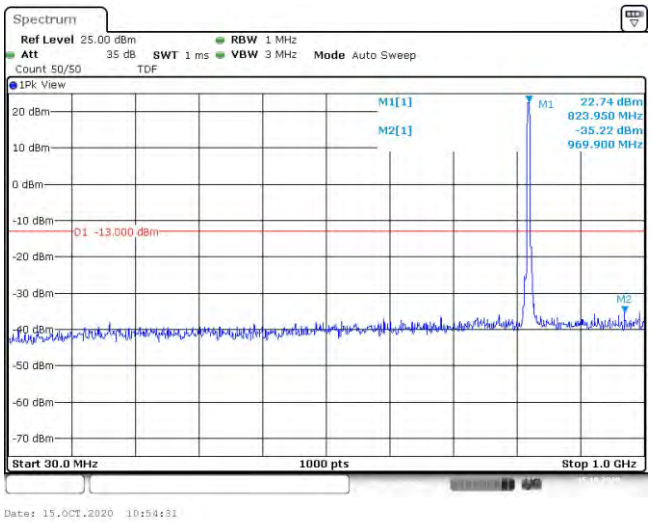

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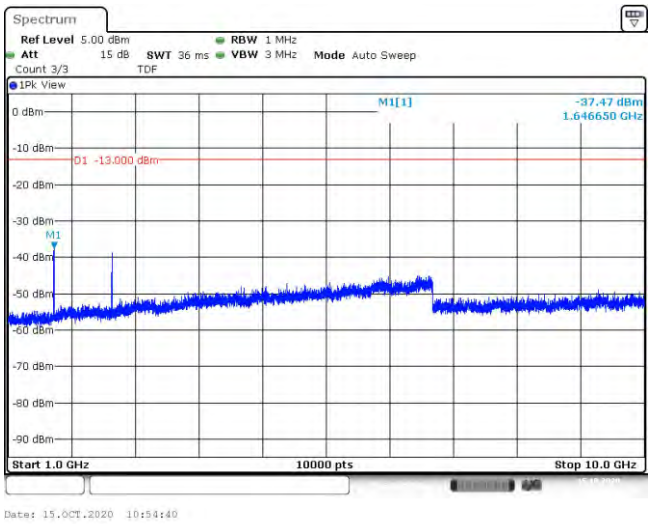
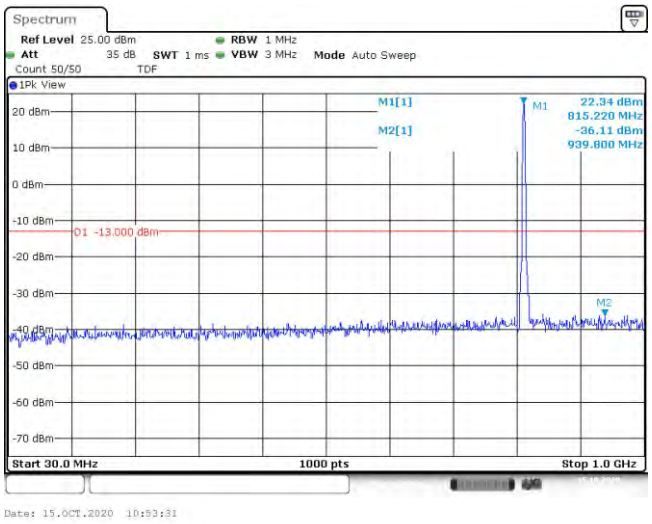
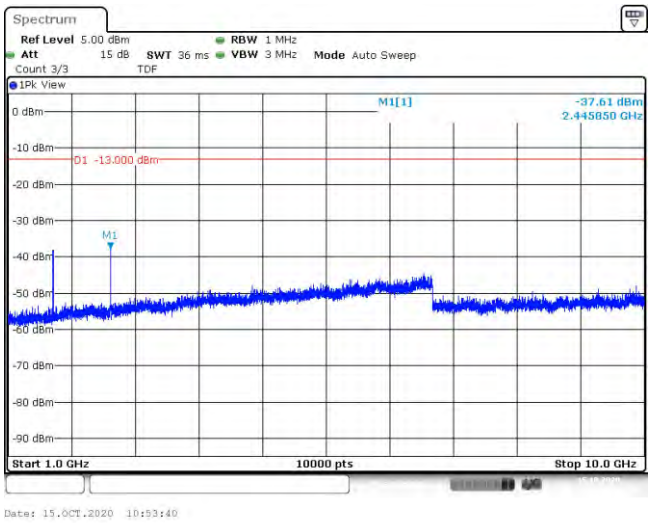


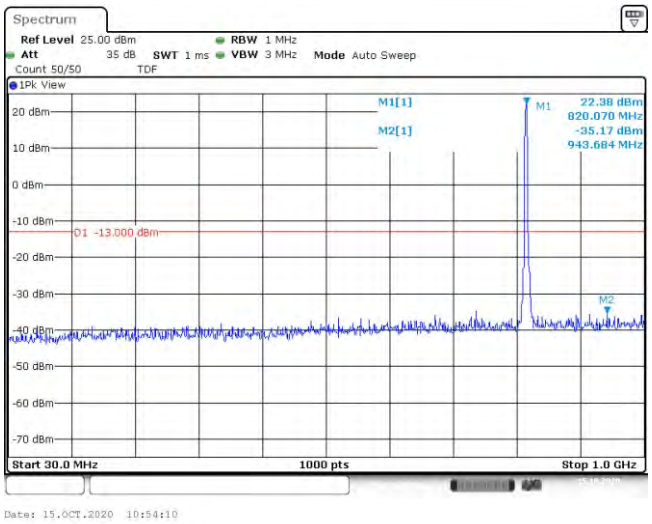
Band26-3MHz-16QAM-26705-15RB#0-Range1:30~1000MHz



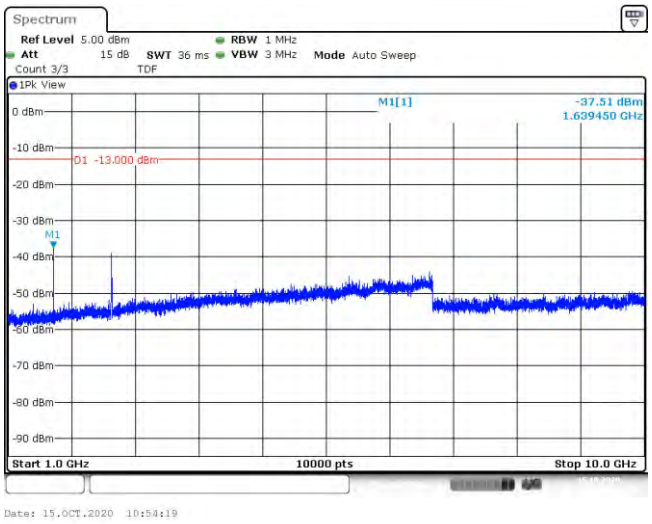
Band26-3MHz-16QAM-26705-15RB#0-Range2:1000~10000MHz



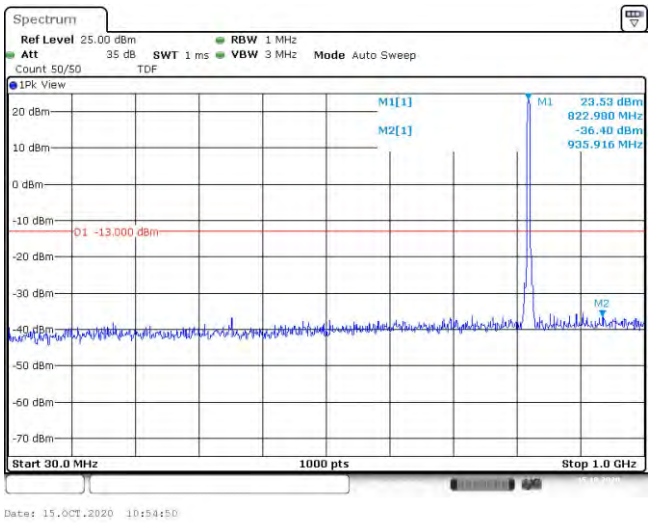
Band26-3MHz-16QAM-26740-15RB#0-Range1:30~1000MHz



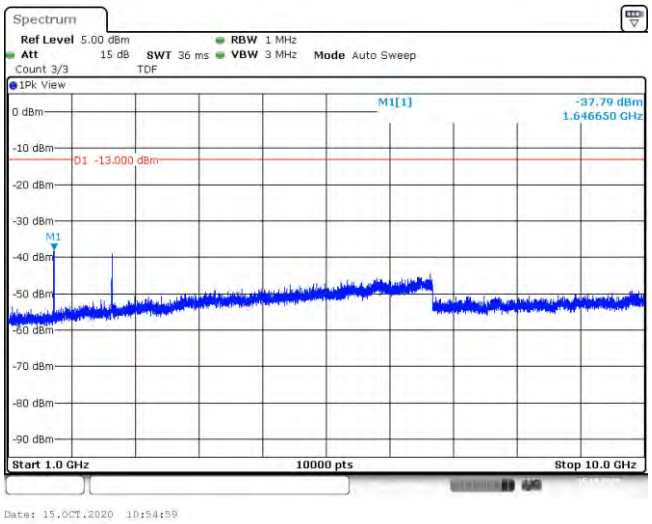
Band26-3MHz-16QAM-26740-15RB#0-Range2:1000~10000MHz



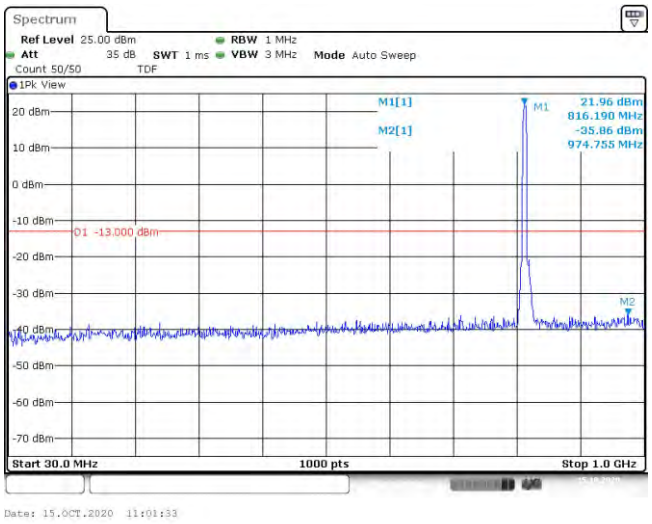
Band26-3MHz-16QAM-26775-15RB#0-Range1:30~1000MHz



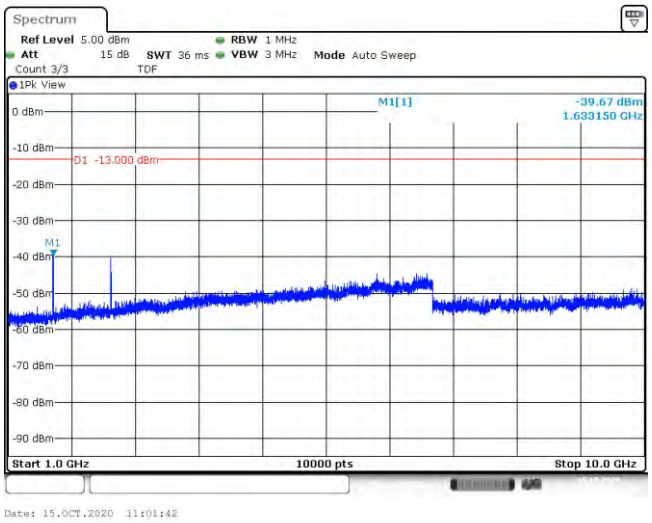
Band26-3MHz-16QAM-26775-15RB#0-Range2:1000~10000MHz



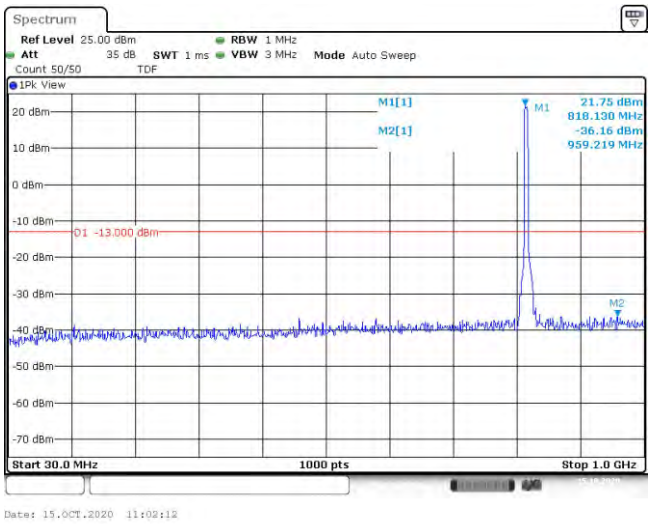
Band26-5MHz-QPSK-26715-25RB#0-Range1:30~1000MHz



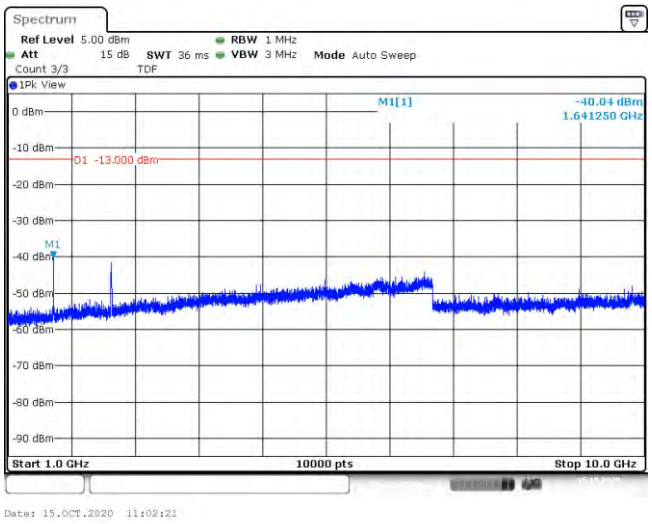
Band26-5MHz-QPSK-26715-25RB#0-Range2:1000~10000MHz



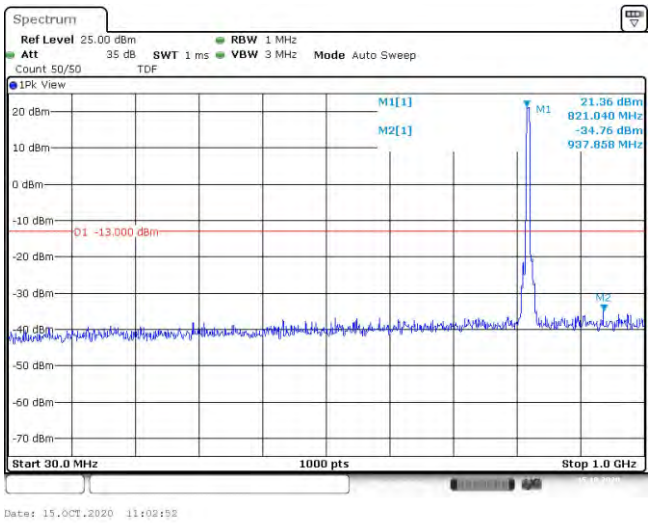
Band26-5MHz-QPSK-26740-25RB#0-Range1:30~1000MHz



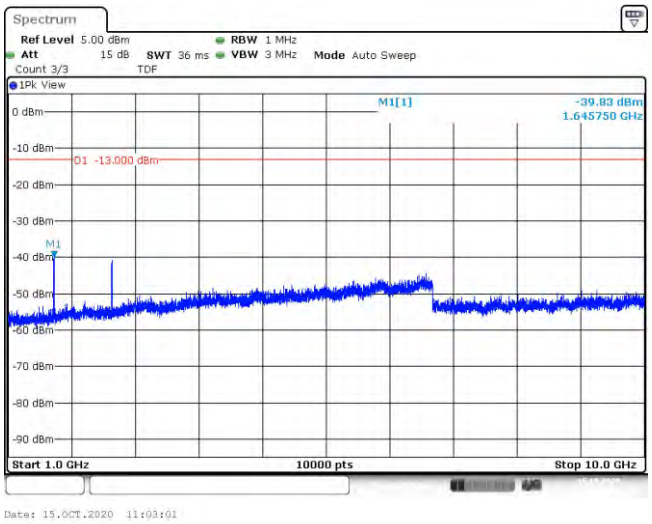
Band26-5MHz-QPSK-26740-25RB#0-Range2:1000~10000MHz



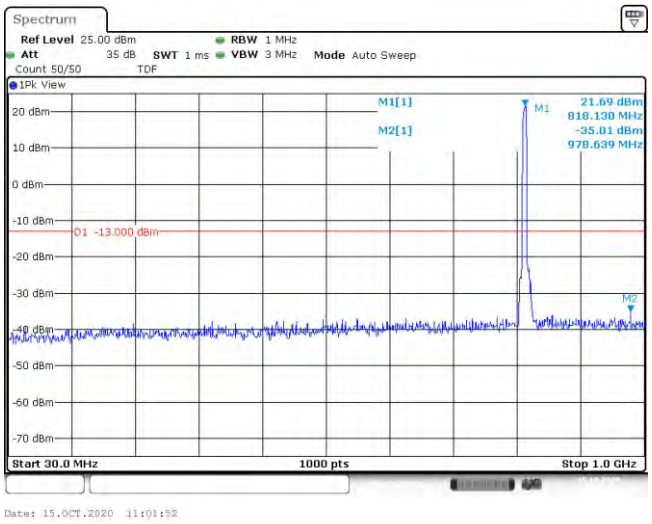
Band26-5MHz-QPSK-26765-25RB#0-Range1:30~1000MHz



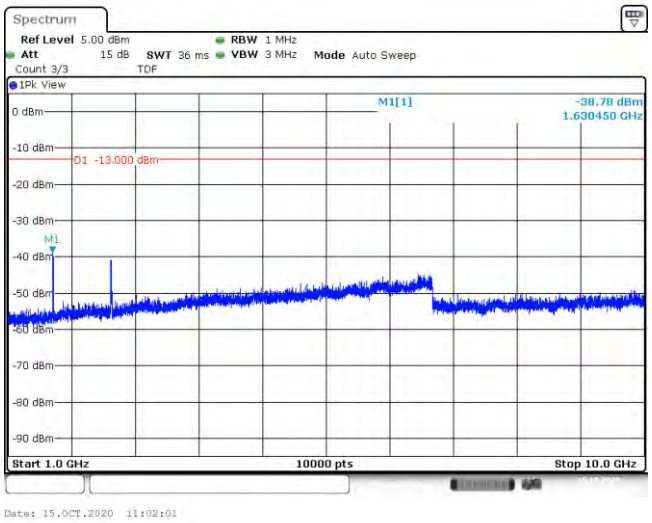
Band26-5MHz-QPSK-26765-25RB#0-Range2:1000~10000MHz



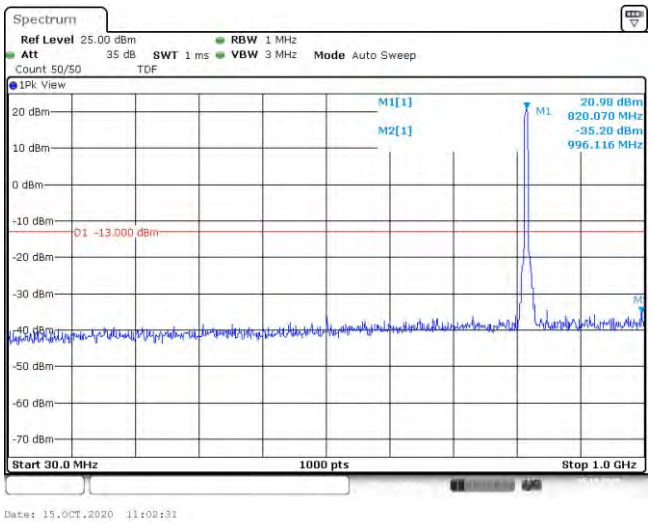
Band26-5MHz-16QAM-26715-25RB#0-Range1:30~1000MHz



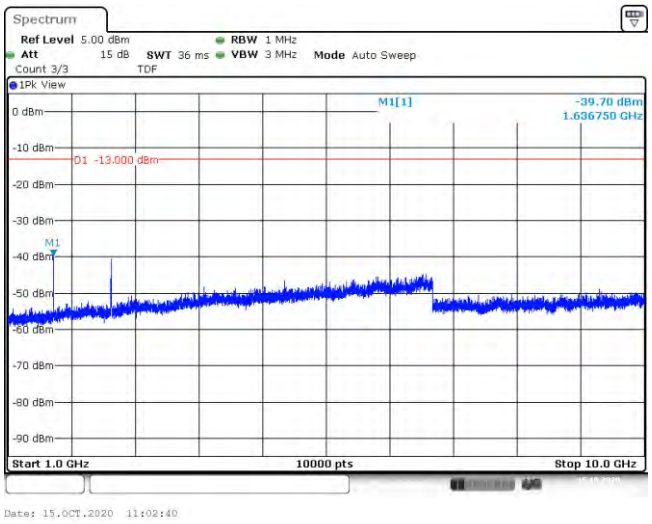
Band26-5MHz-16QAM-26715-25RB#0-Range2:1000~10000MHz



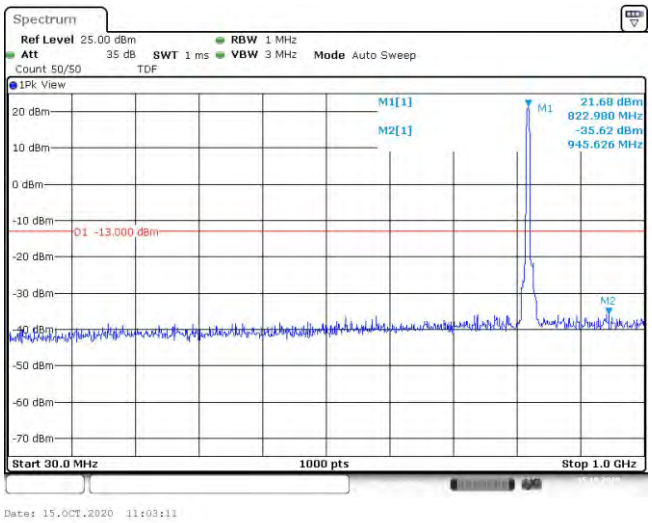
Band26-5MHz-16QAM-26740-25RB#0-Range1:30~1000MHz



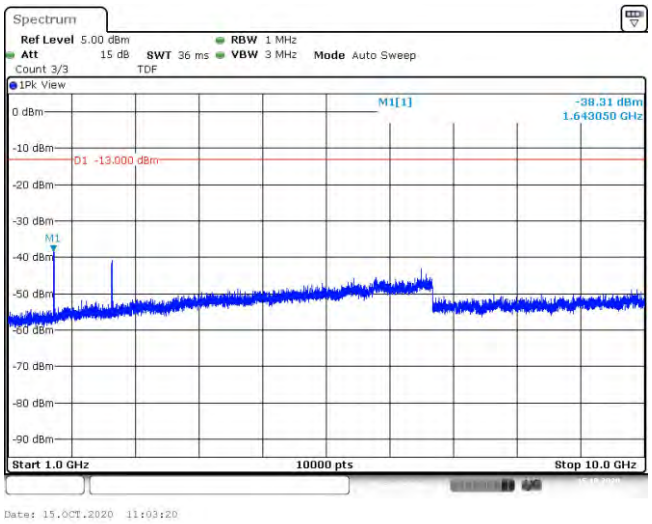
Band26-5MHz-16QAM-26740-25RB#0-Range2:1000~10000MHz



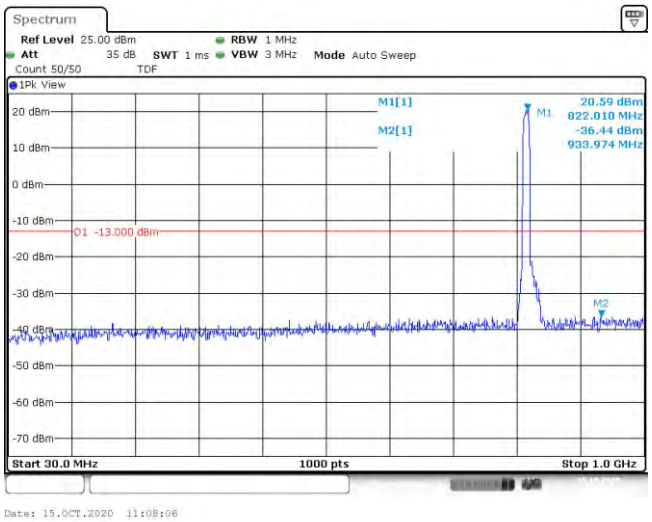
Band26-5MHz-16QAM-26765-25RB#0-Range1:30~1000MHz



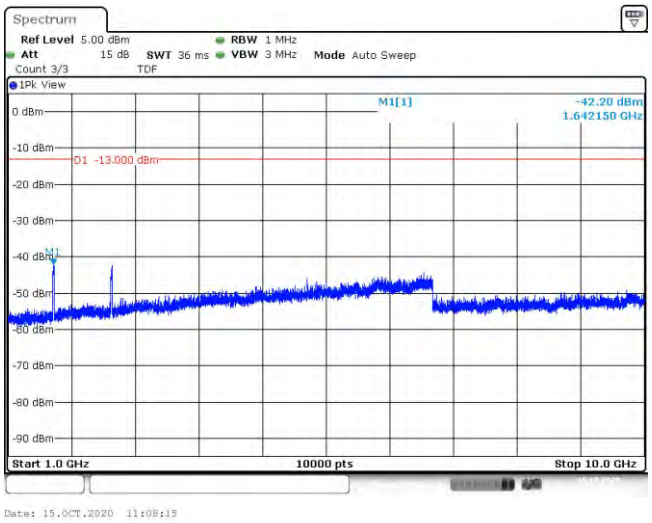
Band26-5MHz-16QAM-26765-25RB#0-Range2:1000~10000MHz



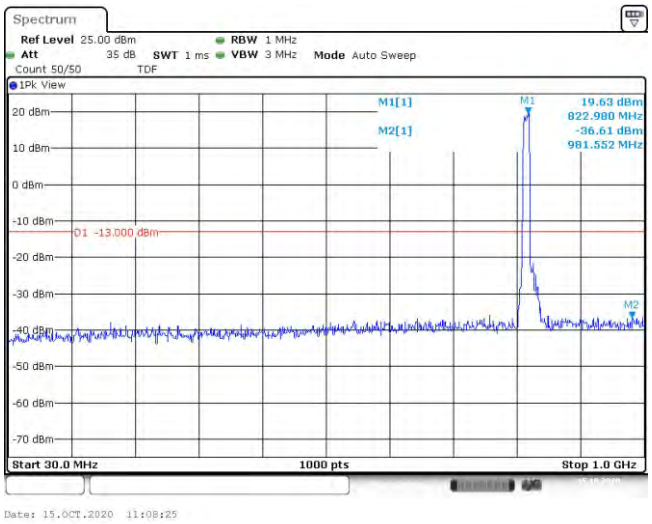
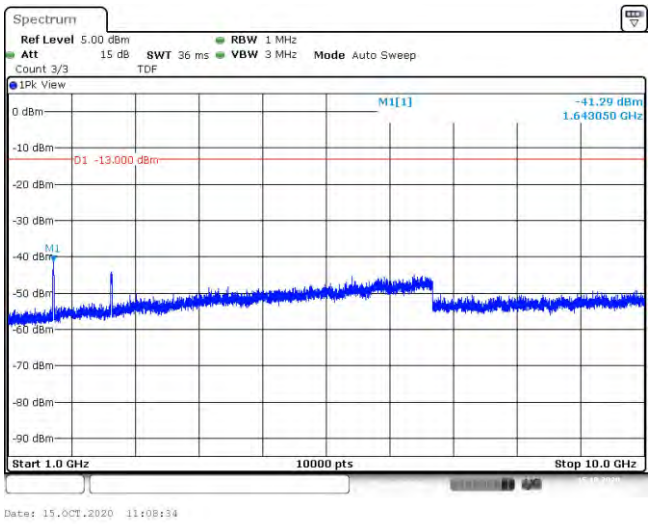
Band26-10MHz-QPSK-26740-50RB#0-Range1:30~1000MHz



Band26-10MHz-QPSK-26740-50RB#0-Range2:1000~10000MHz



Band26-10MHz-16QAM-26740-50RB#0-Range1:30~1000MHz



Band26-10MHz-16QAM-26740-50RB#0-Range2:1000~10000MHz