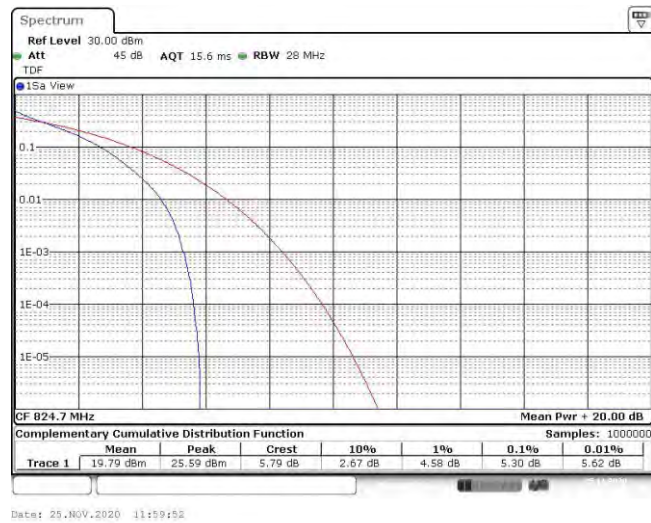


Product Name: GEM-OX-GU**Model: TE-304B-A12****Appendix B: Peak-to-Average Ratio(CCDF)****Test Result**

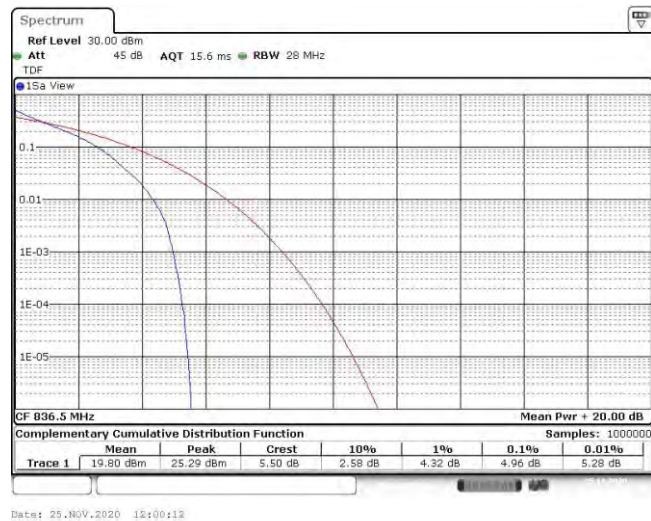
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.30	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.96	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.13	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.12	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.00	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.07	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.23	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.91	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.20	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.48	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	8.43	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.17	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.04	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.30	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.14	13	PASS

Test Graphs

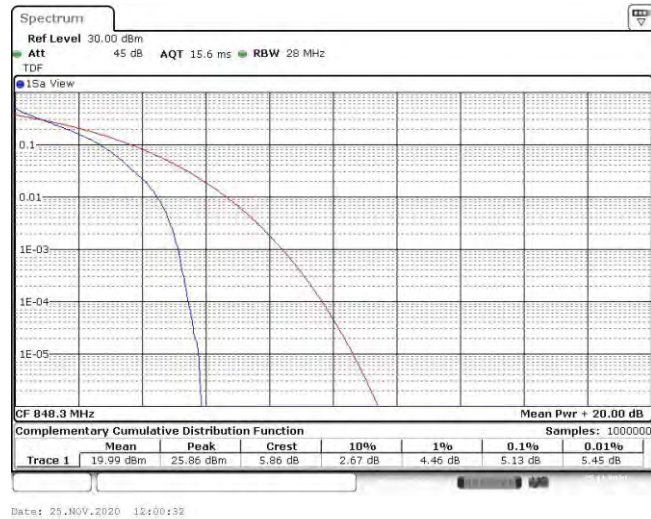
Band5-1.4MHz-QPSK-20407-6RB#0



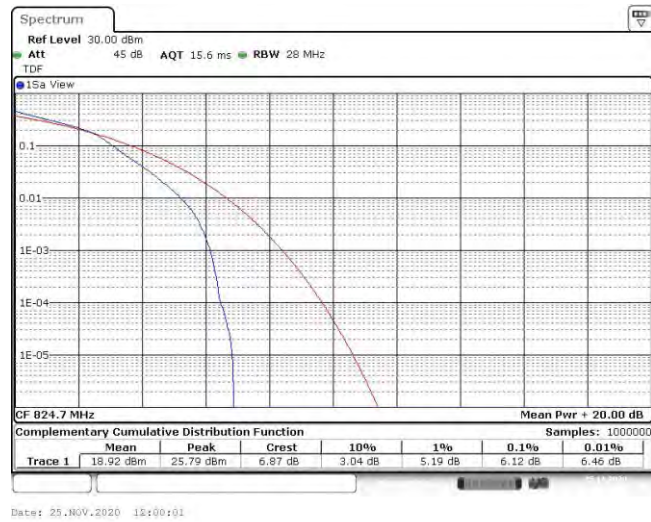
Band5-1.4MHz-QPSK-20525-6RB#0



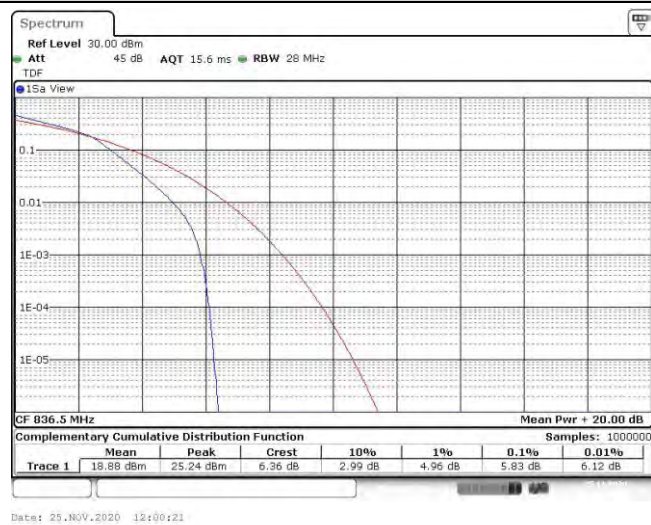
Band5-1.4MHz-QPSK-20643-6RB#0



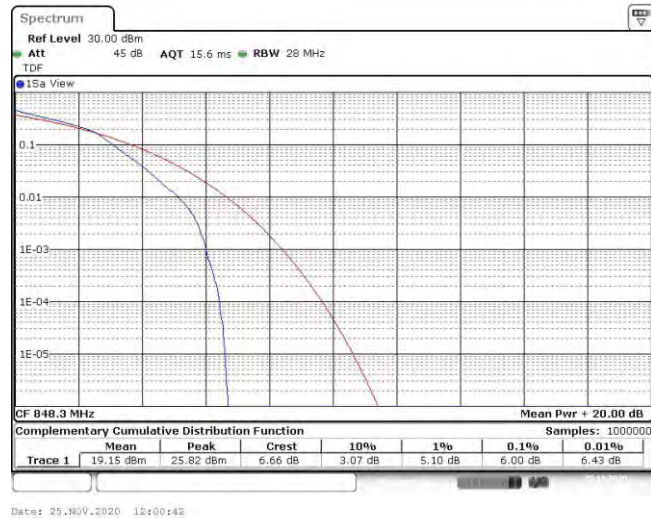
Band5-1.4MHz-16QAM-20407-6RB#0



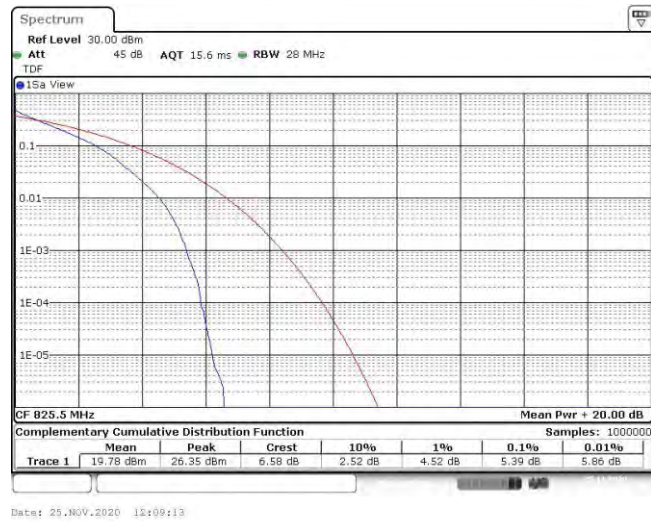
Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



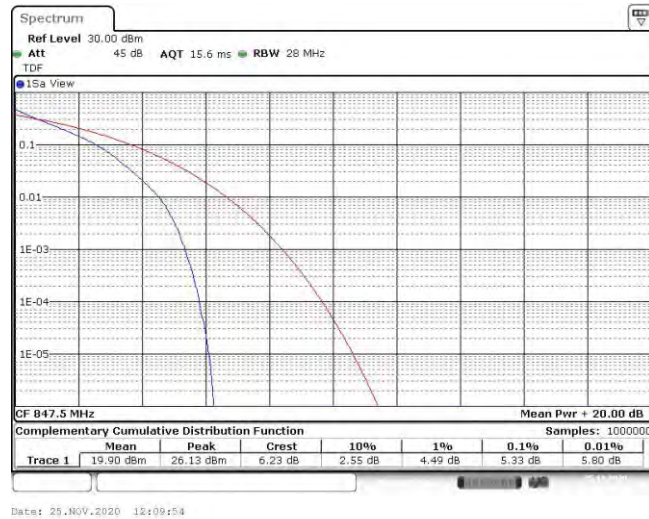
Band5-3MHz-QPSK-20415-15RB#0



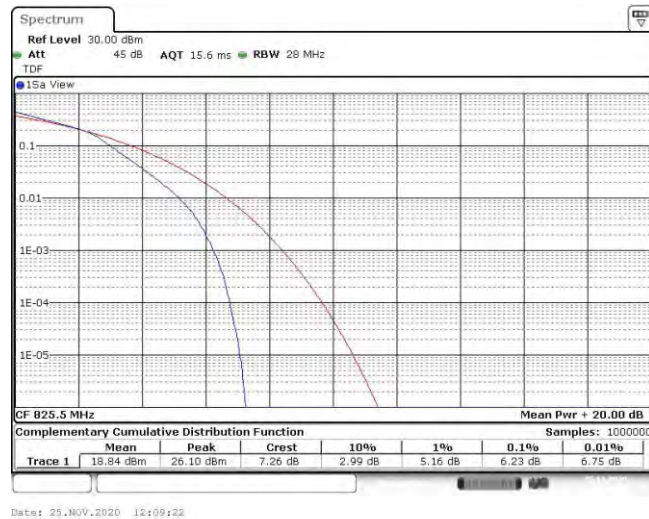
Band5-3MHz-QPSK-20525-15RB#0



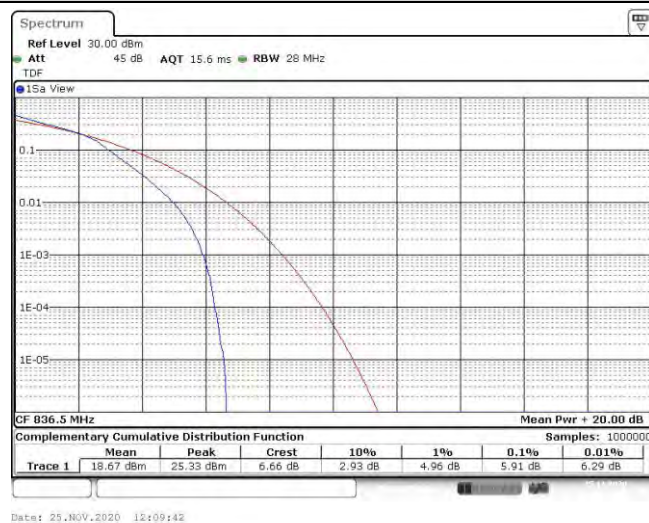
Band5-3MHz-QPSK-20635-15RB#0



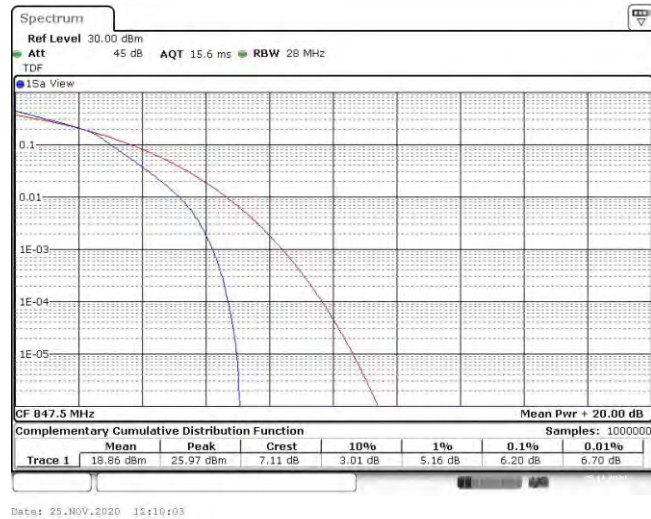
Band5-3MHz-16QAM-20415-15RB#0



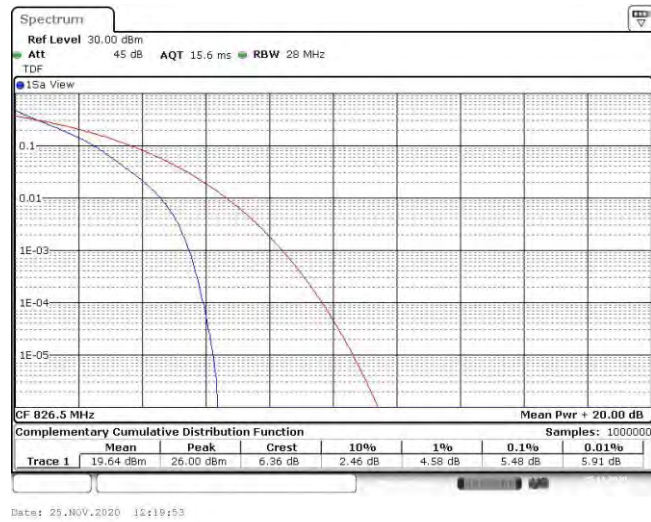
Band5-3MHz-16QAM-20525-15RB#0



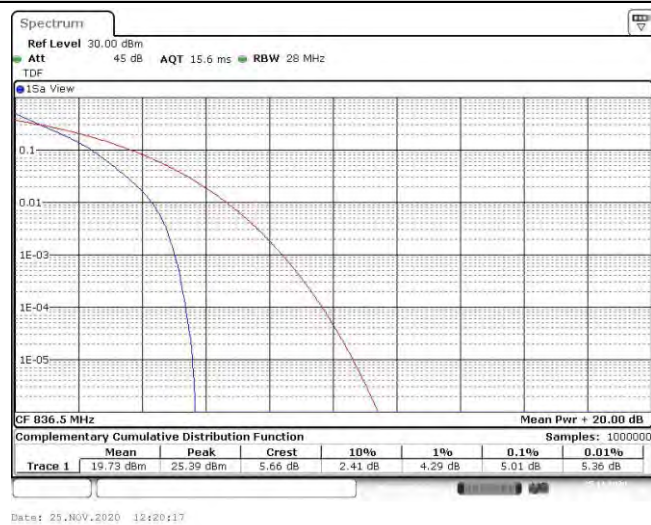
Band5-3MHz-16QAM-20635-15RB#0



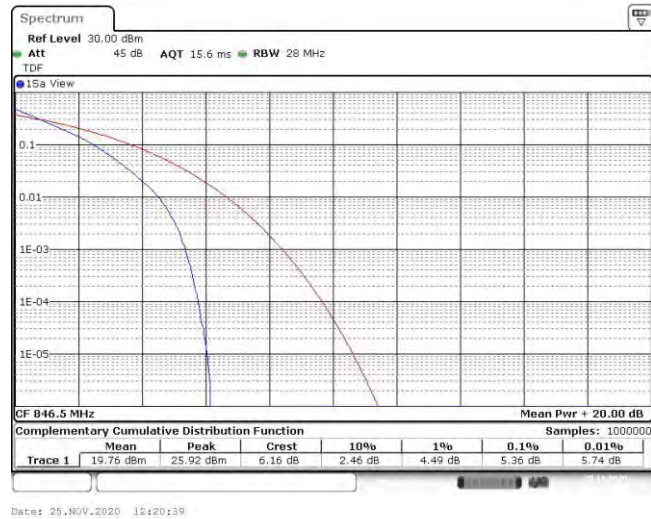
Band5-5MHz-QPSK-20425-25RB#0



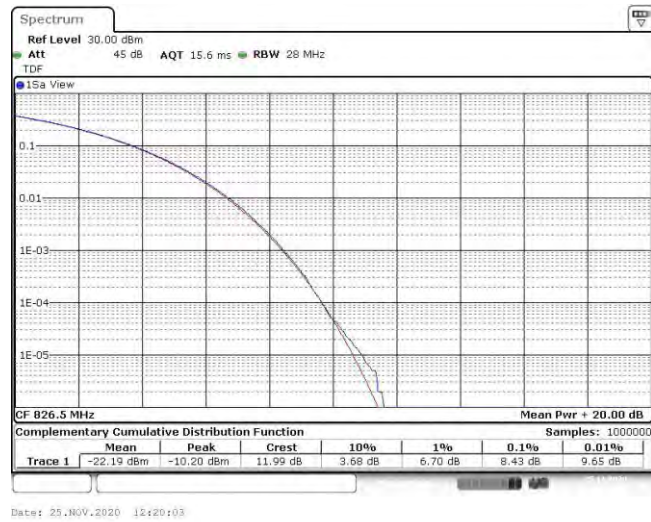
Band5-5MHz-QPSK-20525-25RB#0



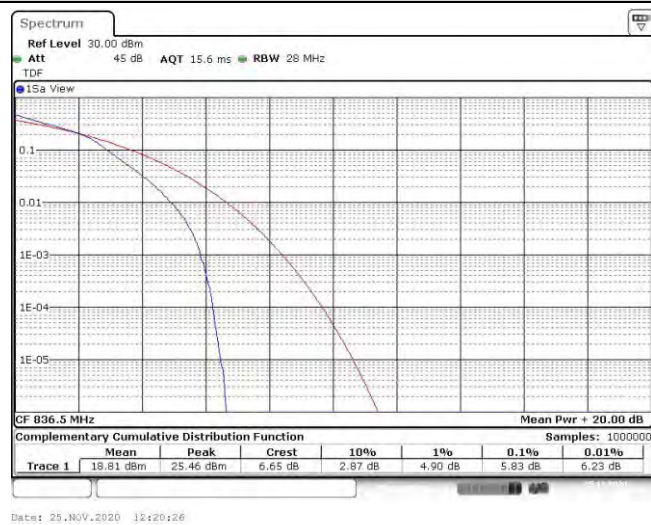
Band5-5MHz-QPSK-20625-25RB#0



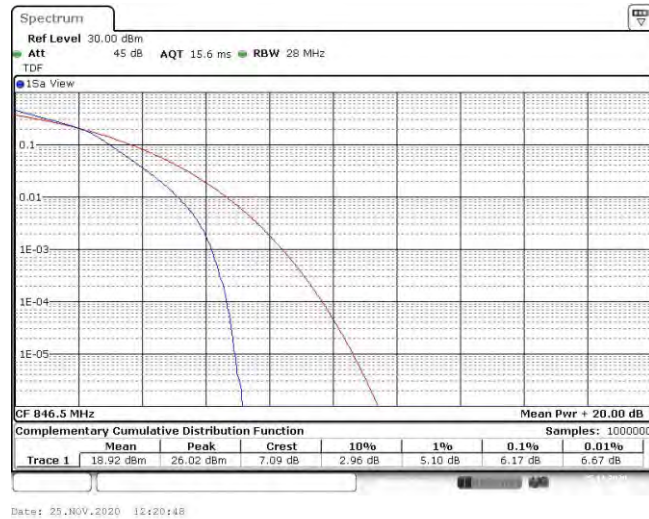
Band5-5MHz-16QAM-20425-25RB#0



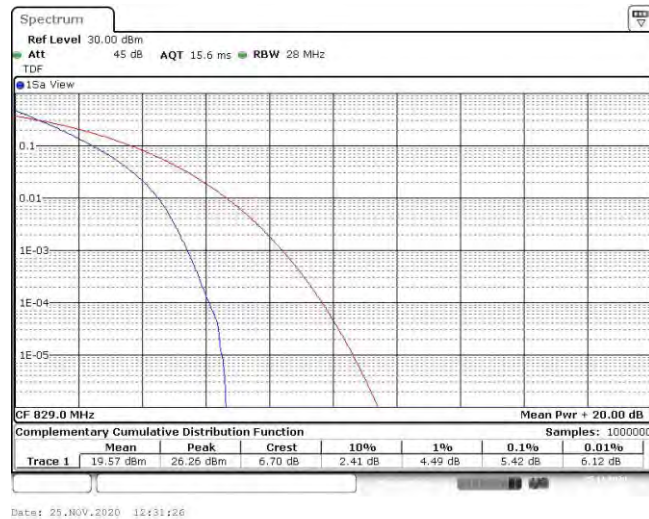
Band5-5MHz-16QAM-20525-25RB#0



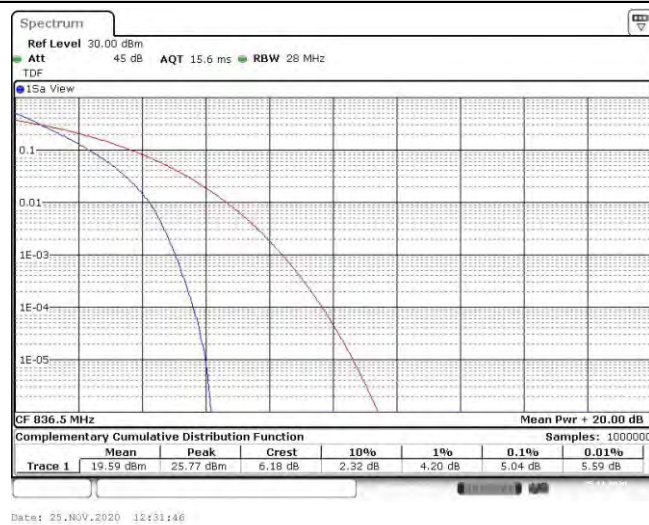
Band5-5MHz-16QAM-20625-25RB#0



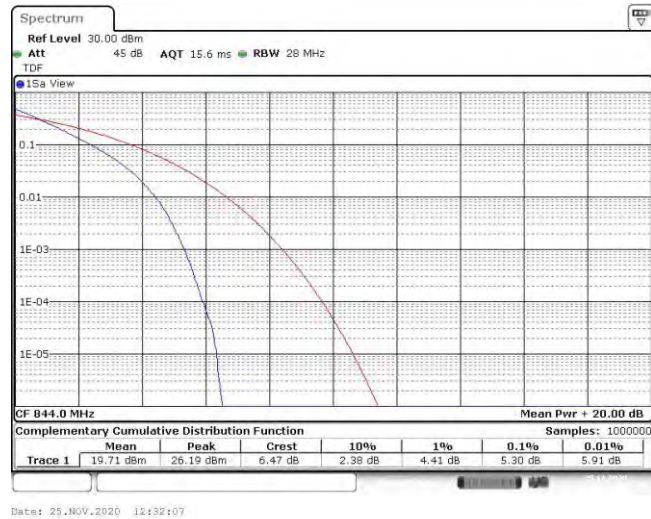
Band5-10MHz-QPSK-20450-50RB#0



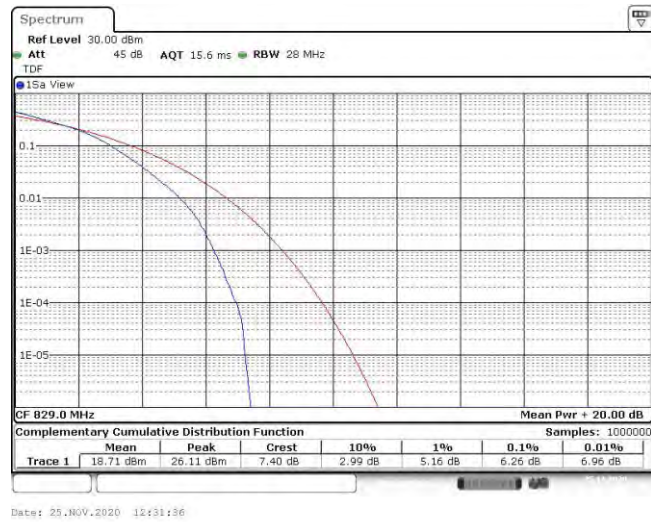
Band5-10MHz-QPSK-20525-50RB#0



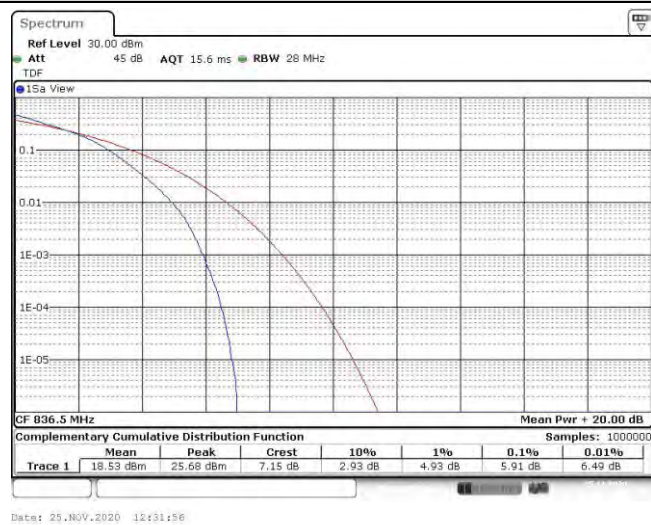
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



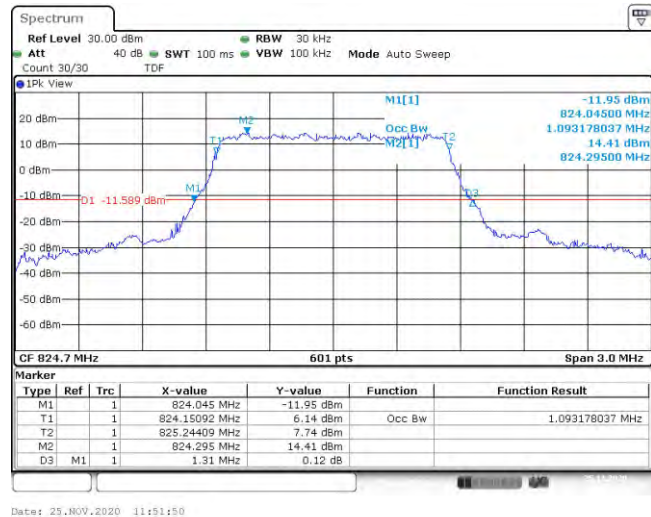
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

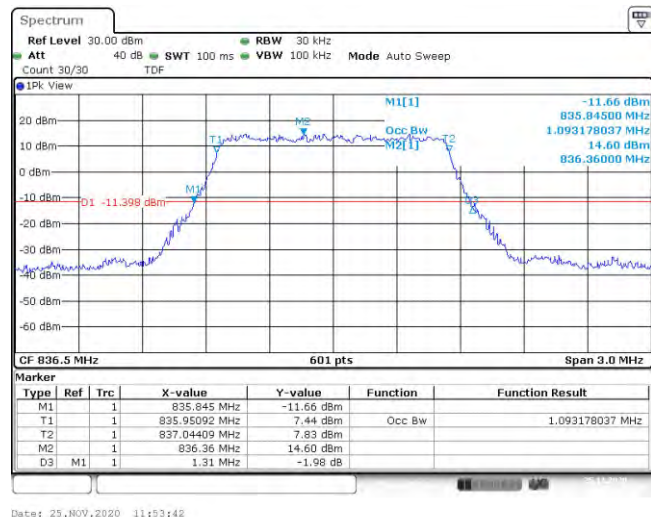
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.093	1.310	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.093	1.310	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.098	1.300	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.103	1.320	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.098	1.310	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.098	1.300	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.705	2.990	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.990	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.705	3.010	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.980	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.990	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	3.000	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.515	5.060	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.505	5.040	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.515	5.050	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.505	5.030	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.505	4.990	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.496	5.010	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.018	10.033	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.952	9.867	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.985	9.967	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.933	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.918	9.833	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.018	9.967	PASS

Test Graphs

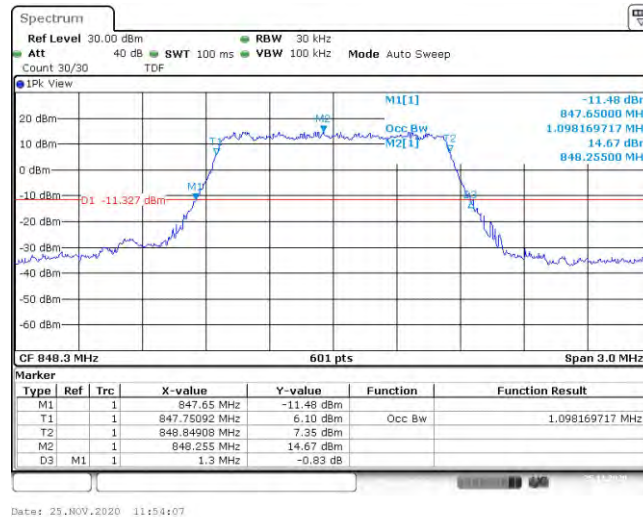
Band5-1.4MHz-QPSK-20407-6RB#0-1.093



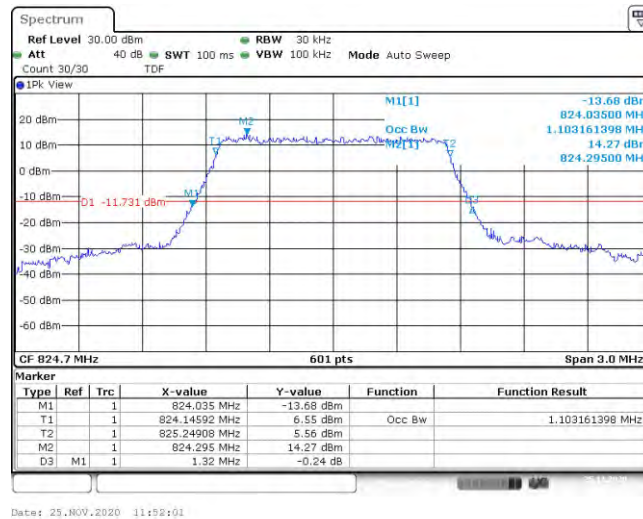
Band5-1.4MHz-QPSK-20525-6RB#0-1.093



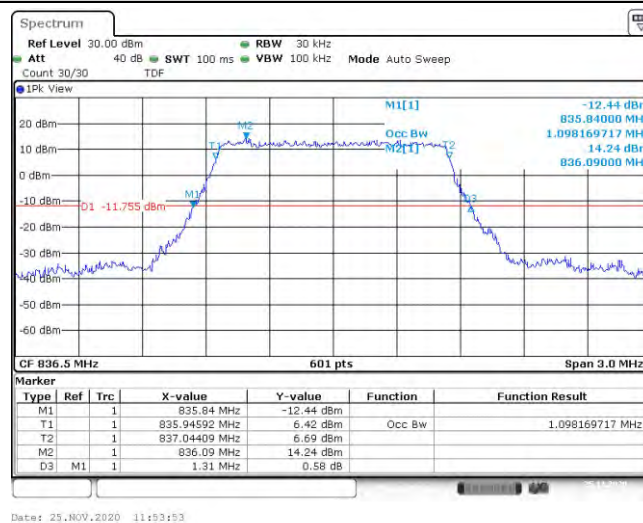
Band5-1.4MHz-QPSK-20643-6RB#0-1.098



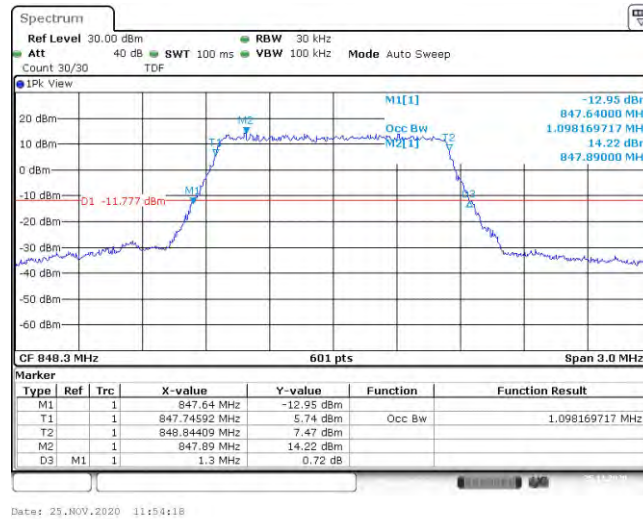
Band5-1.4MHz-16QAM-20407-6RB#0-1.103



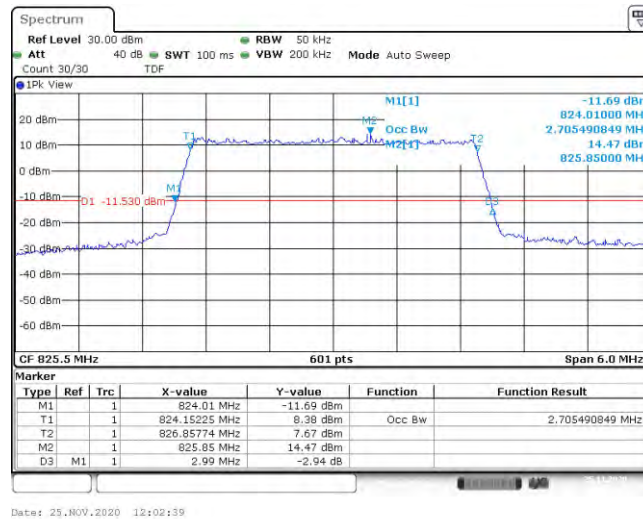
Band5-1.4MHz-16QAM-20525-6RB#0-1.098



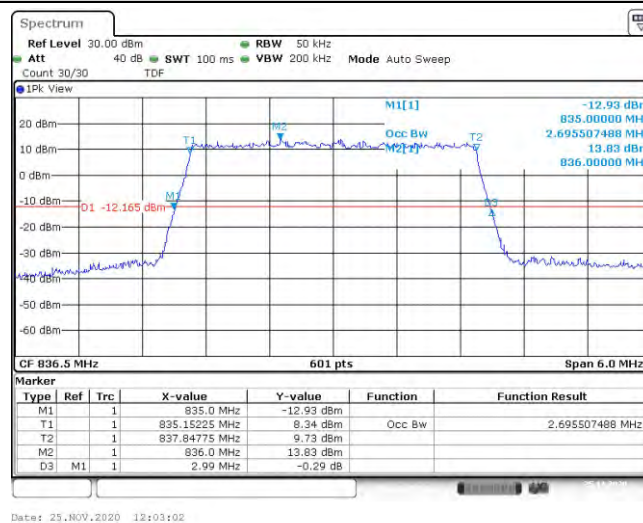
Band5-1.4MHz-16QAM-20643-6RB#0-1.098



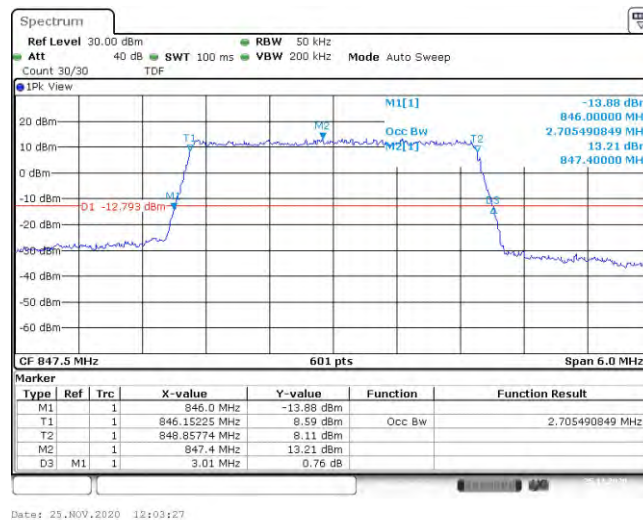
Band5-3MHz-QPSK-20415-15RB#0-2.705



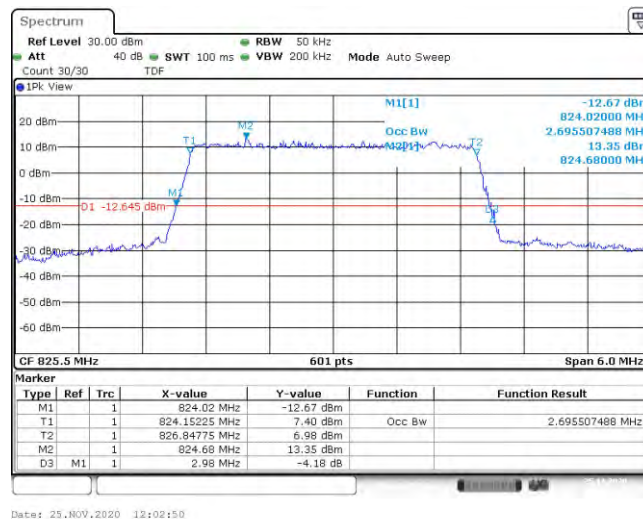
Band5-3MHz-QPSK-20525-15RB#0-2.696



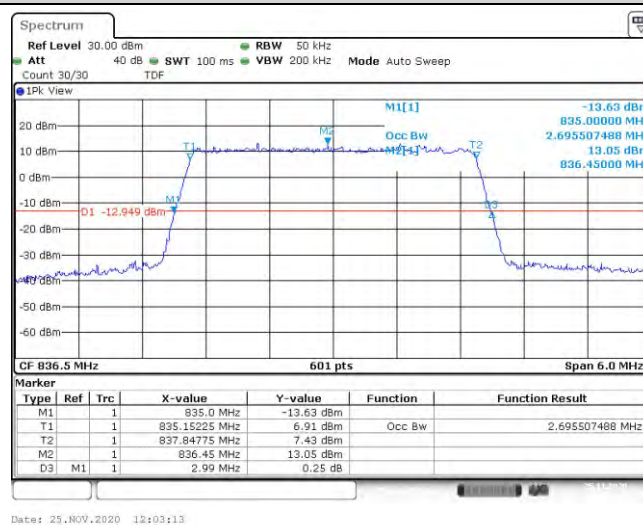
Band5-3MHz-QPSK-20635-15RB#0-2.705



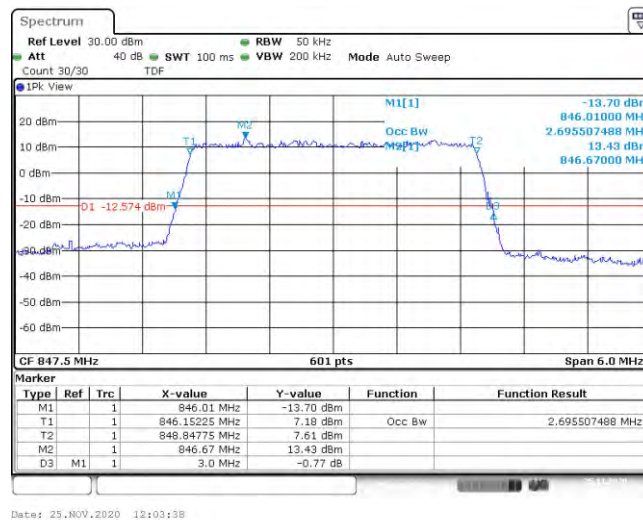
Band5-3MHz-16QAM-20415-15RB#0-2.696



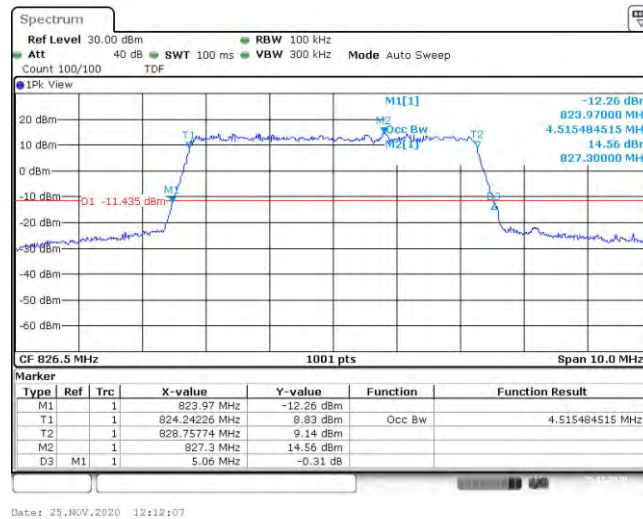
Band5-3MHz-16QAM-20525-15RB#0-2.696



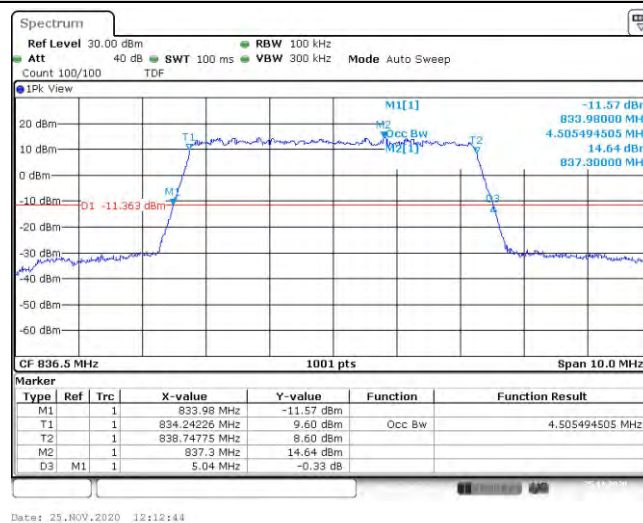
Band5-3MHz-16QAM-20635-15RB#0-2.696



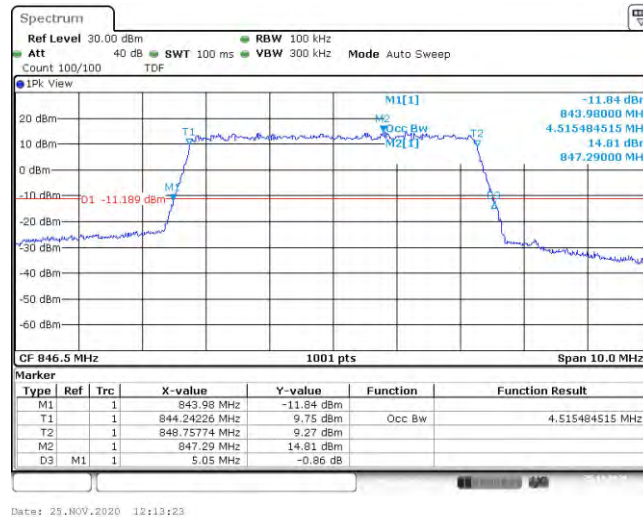
Band5-5MHz-QPSK-20425-25RB#0-4.515



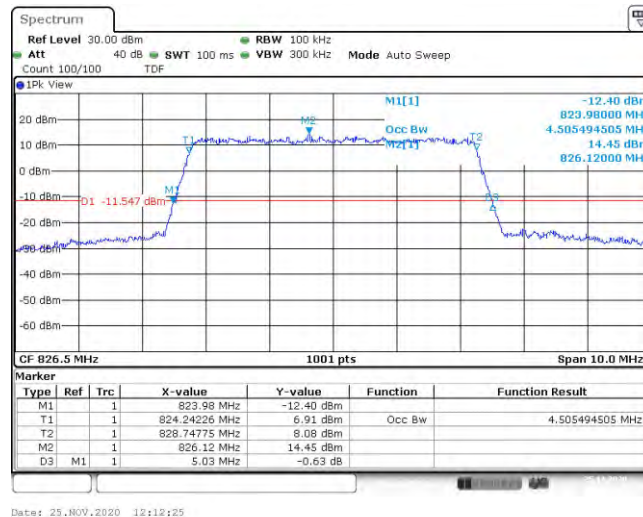
Band5-5MHz-QPSK-20525-25RB#0-4.505



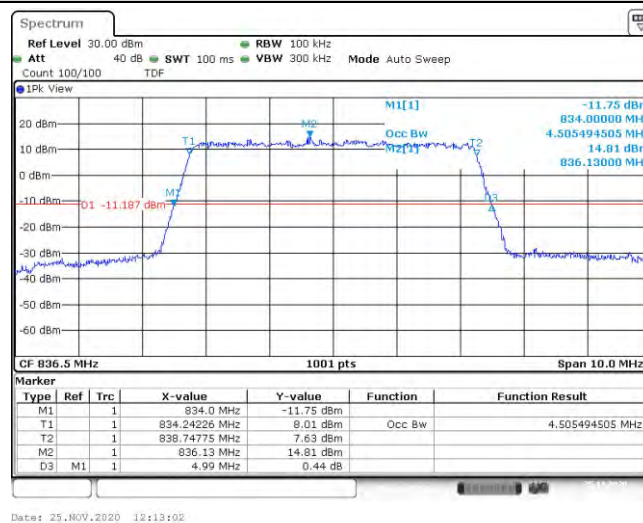
Band5-5MHz-QPSK-20625-25RB#0-4.515



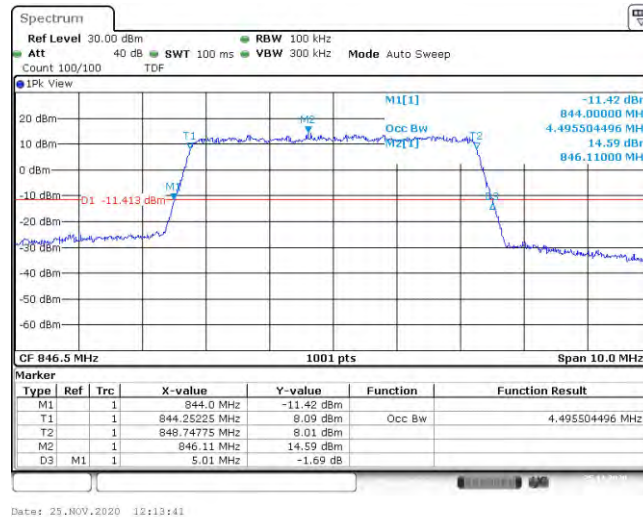
Band5-5MHz-16QAM-20425-25RB#0-4.505



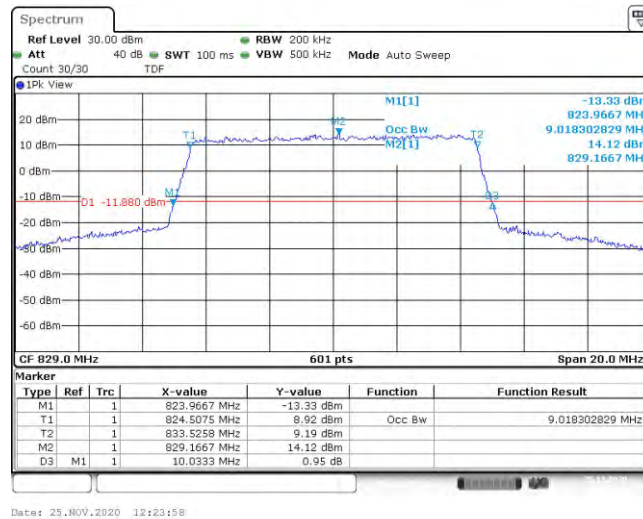
Band5-5MHz-16QAM-20525-25RB#0-4.505



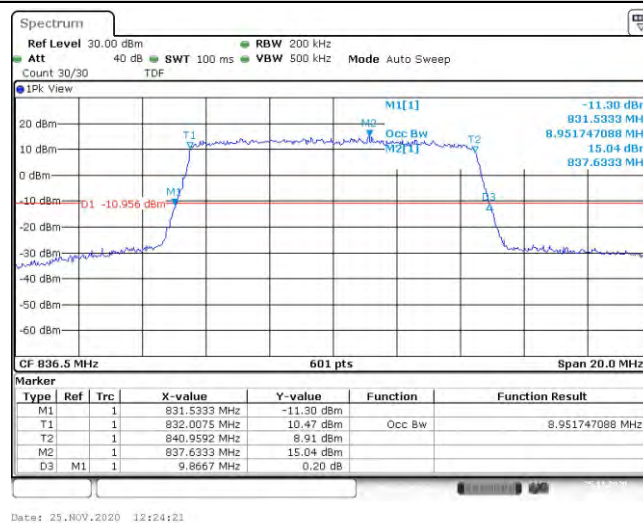
Band5-5MHz-16QAM-20625-25RB#0-4.496



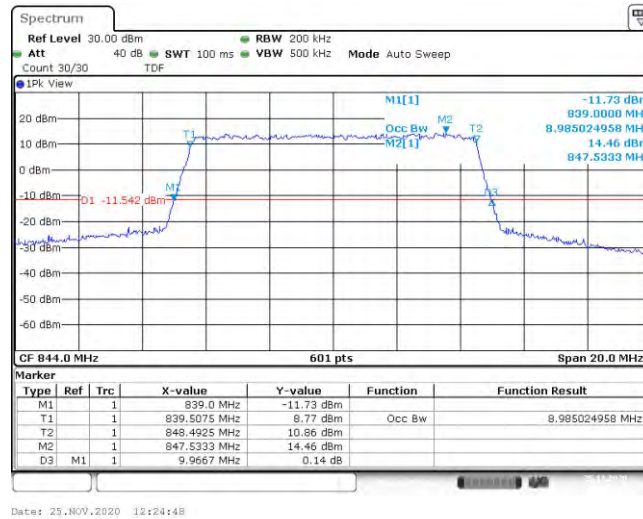
Band5-10MHz-QPSK-20450-50RB#0-9.018



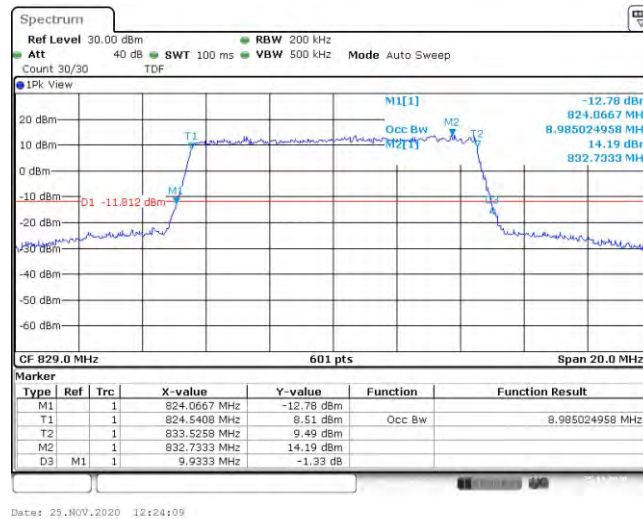
Band5-10MHz-QPSK-20525-50RB#0-8.952



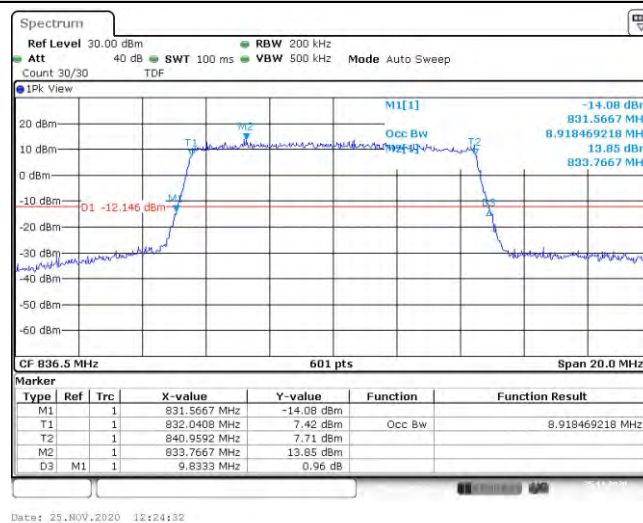
Band5-10MHz-QPSK-20600-50RB#0-8.985



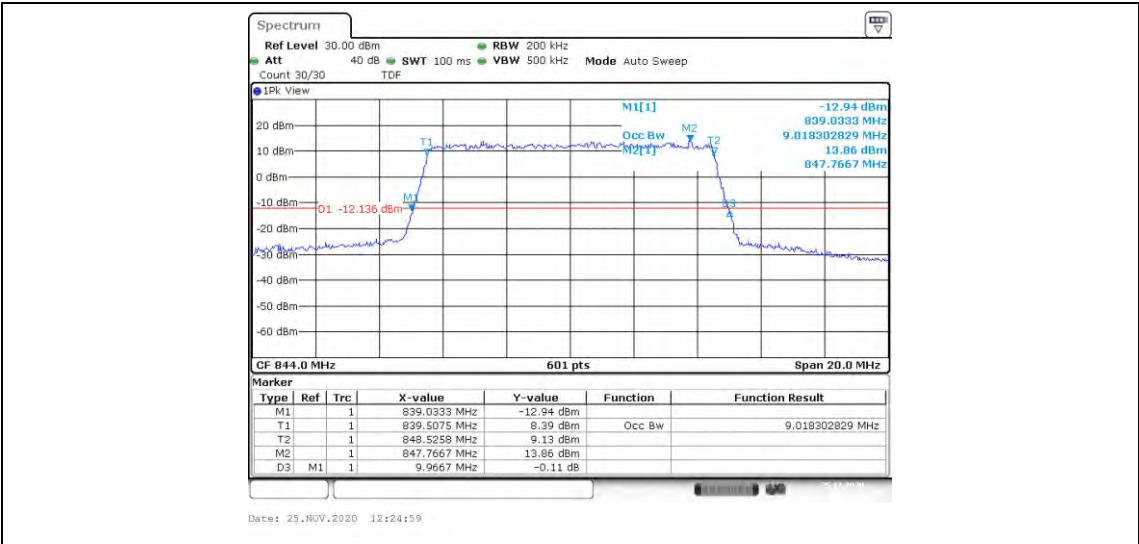
Band5-10MHz-16QAM-20450-50RB#0-8.985



Band5-10MHz-16QAM-20525-50RB#0-8.918



Band5-10MHz-16QAM-20600-50RB#0-9.018

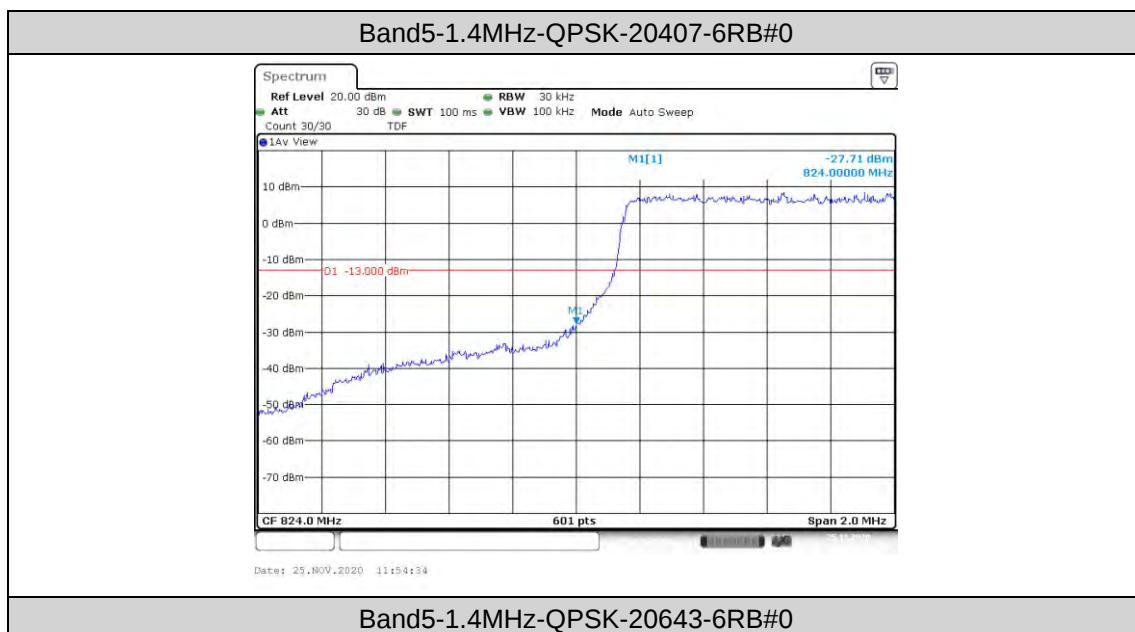


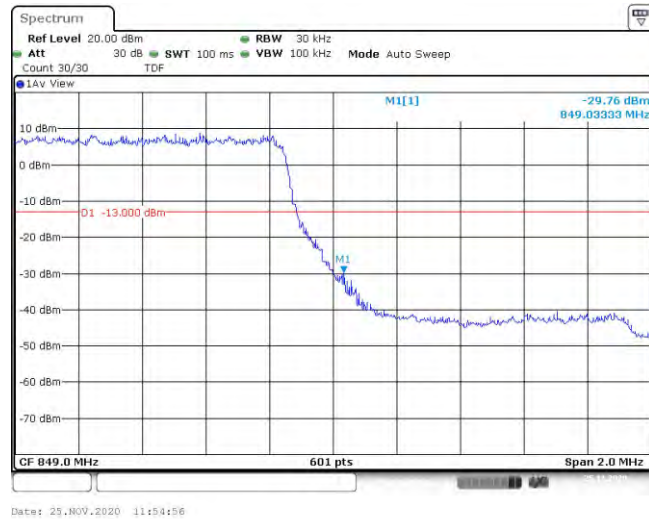
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-27.71	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.76	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.99	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-29.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.31	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	-27.29	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	-26.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.02	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.89	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.36	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.32	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.16	PASS

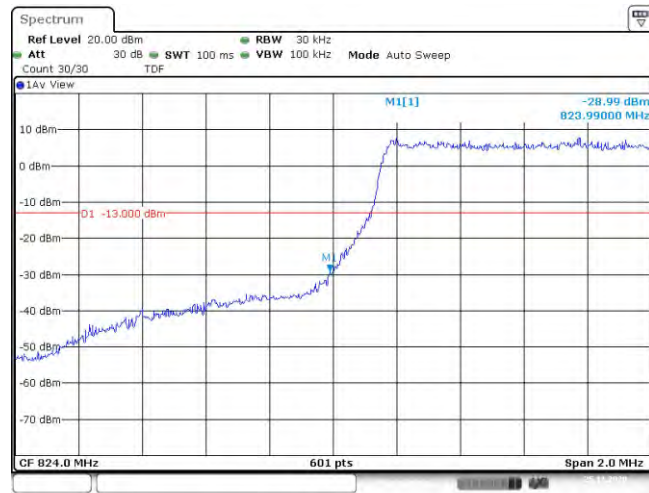
Test Graphs





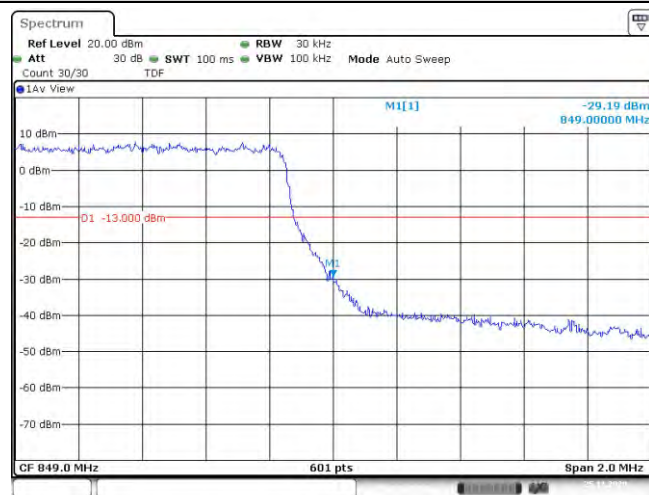
Date: 25.NOV.2020 11:54:56

Band5-1.4MHz-16QAM-20407-6RB#0



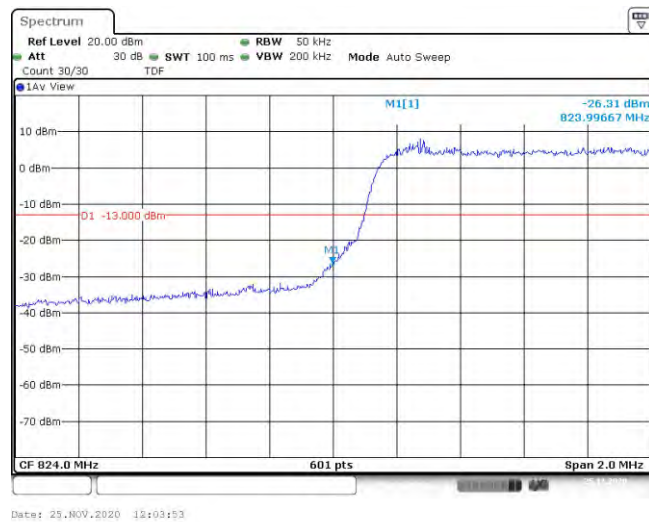
Date: 25.NOV.2020 11:54:44

Band5-1.4MHz-16QAM-20643-6RB#0

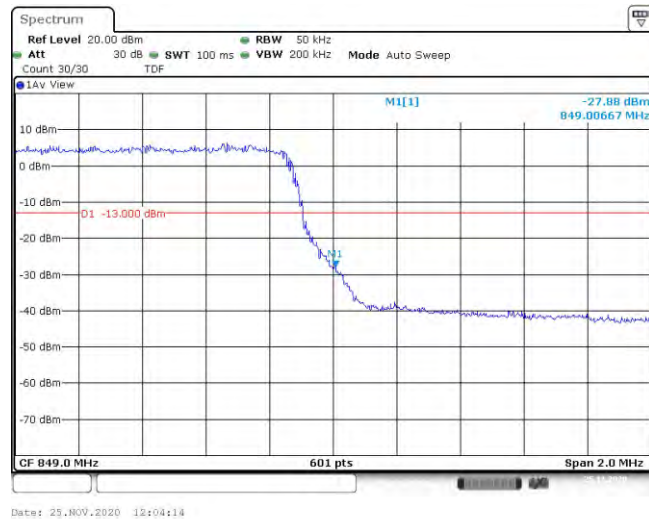


Date: 25.NOV.2020 11:55:06

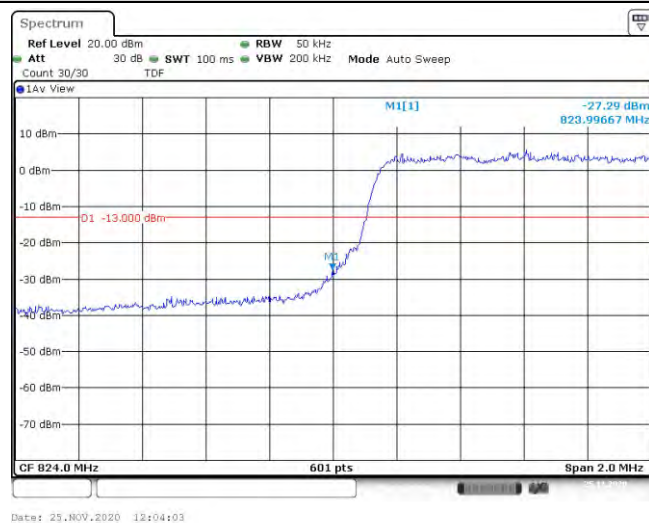
Band5-3MHz-QPSK-20415-15RB#0



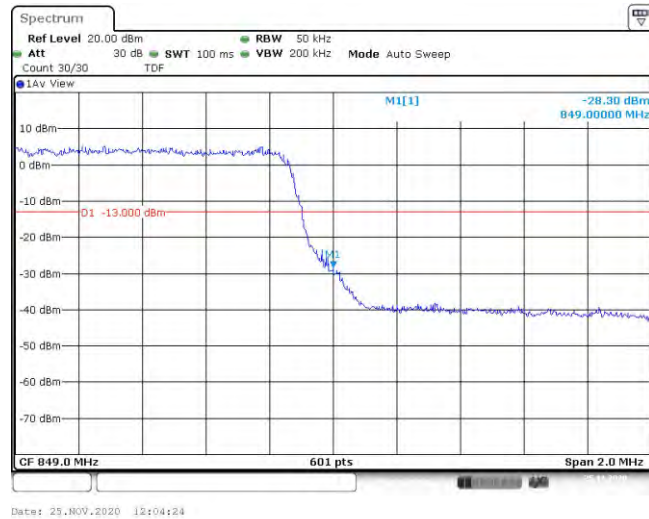
Band5-3MHz-QPSK-20635-15RB#0



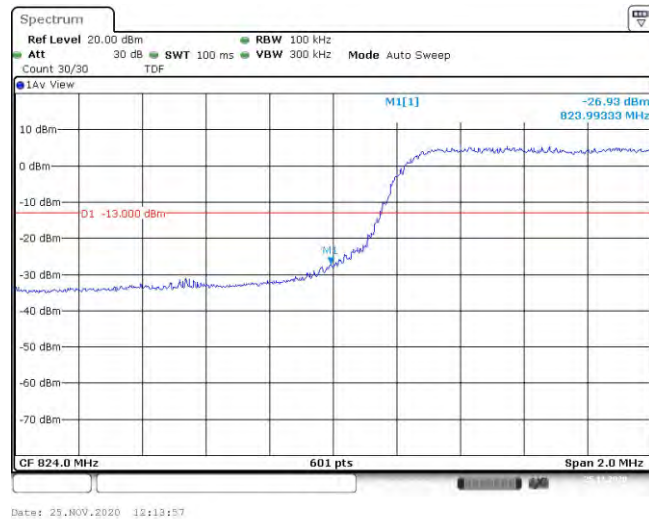
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



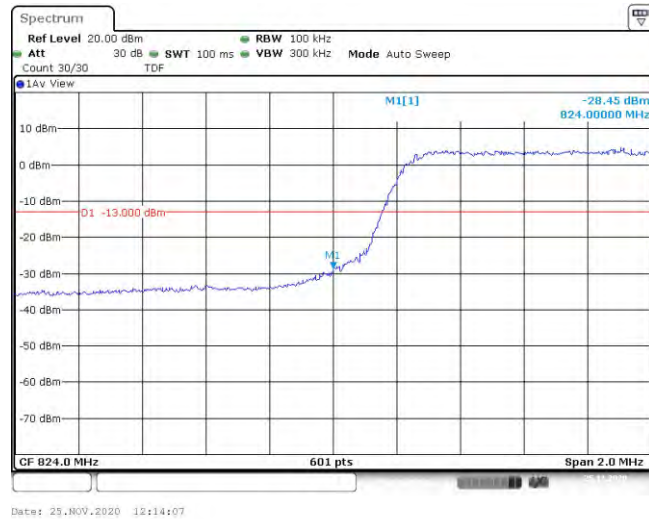
Band5-5MHz-QPSK-20425-25RB#0



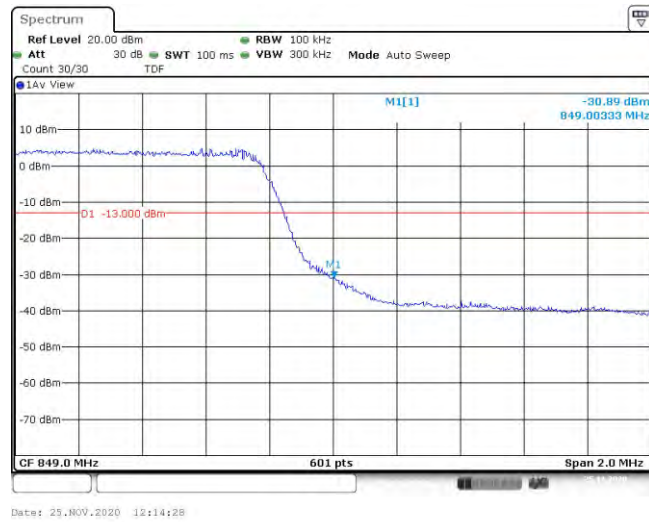
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



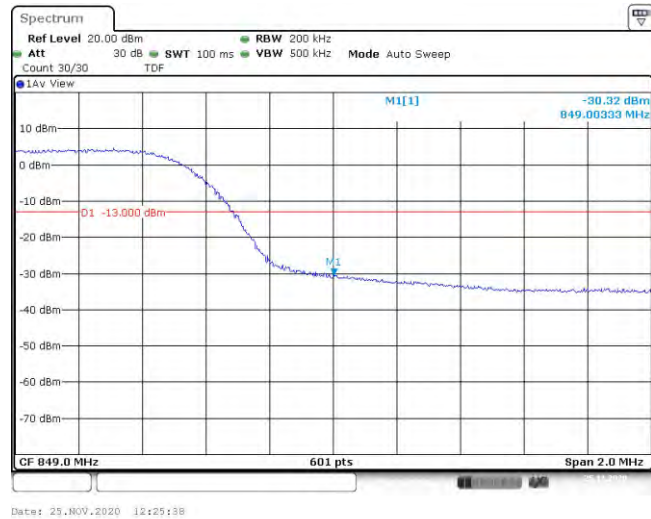
Band5-5MHz-16QAM-20625-25RB#0



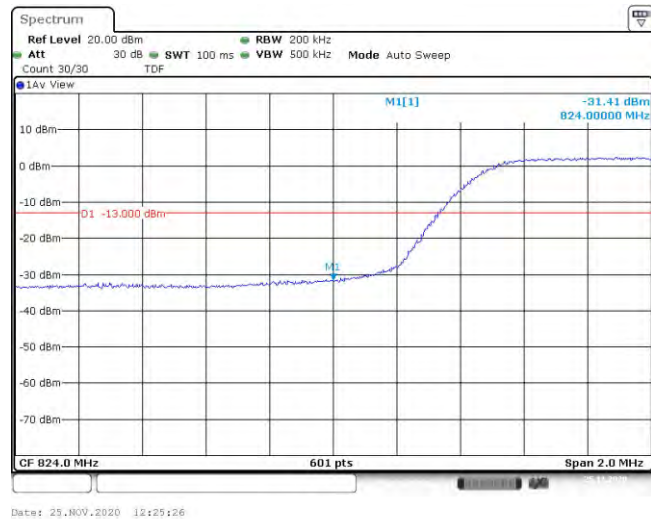
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

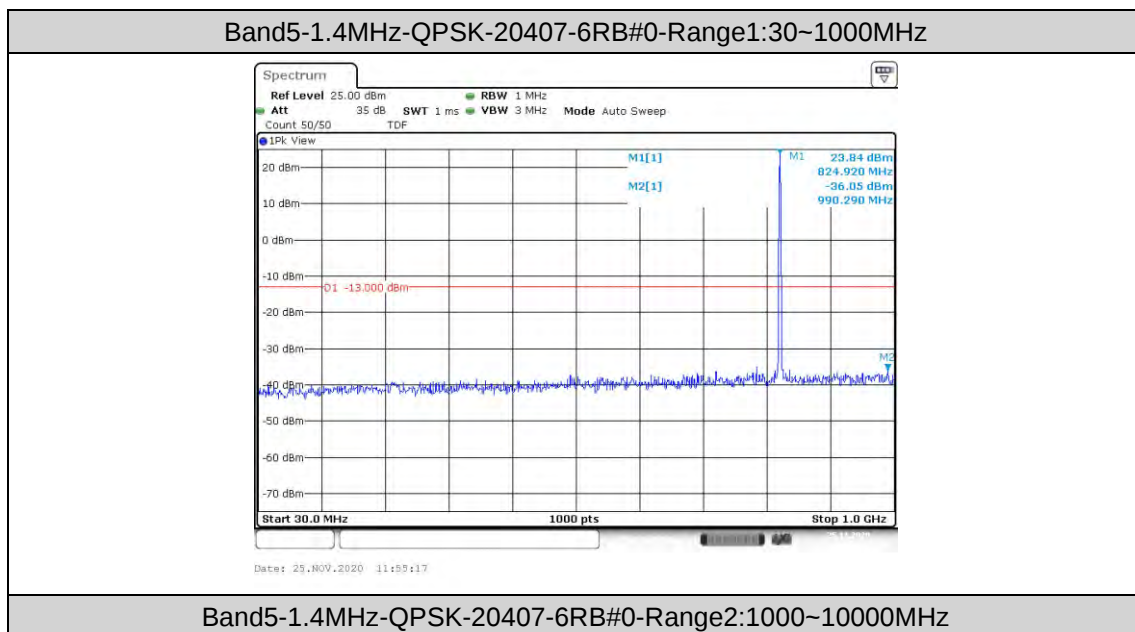
Test Result

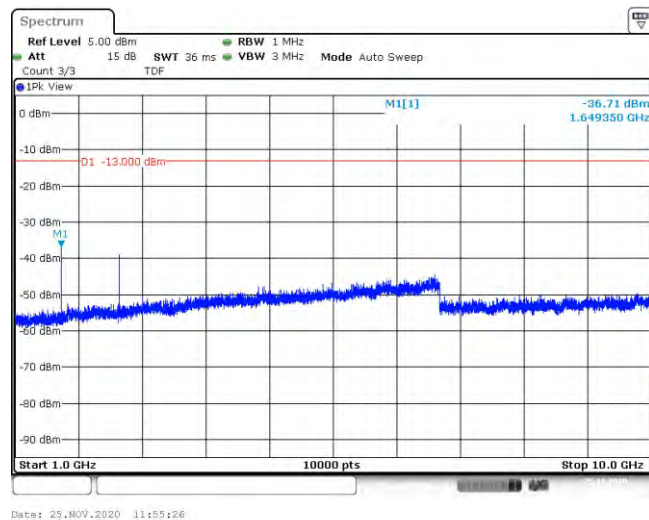
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 5	1.4MHz	QPSK	20407	6RB#0	Range1:30~1000MHz	-36.05	PASS
Band 5	1.4MHz	QPSK	20407	6RB#0	Range2:1000~10000MHz	-36.71	PASS
Band 5	1.4MHz	QPSK	20525	6RB#0	Range1:30~1000MHz	-34.96	PASS
Band 5	1.4MHz	QPSK	20525	6RB#0	Range2:1000~10000MHz	-38.19	PASS
Band 5	1.4MHz	QPSK	20643	6RB#0	Range1:30~1000MHz	-36.28	PASS
Band 5	1.4MHz	QPSK	20643	6RB#0	Range2:1000~10000MHz	-36.75	PASS
Band 5	1.4MHz	16QAM	20407	6RB#0	Range1:30~1000MHz	-36.48	PASS
Band 5	1.4MHz	16QAM	20407	6RB#0	Range2:1000~10000MHz	-36.25	PASS
Band 5	1.4MHz	16QAM	20525	6RB#0	Range1:30~1000MHz	-35.64	PASS
Band 5	1.4MHz	16QAM	20525	6RB#0	Range2:1000~10000MHz	-37.72	PASS
Band 5	1.4MHz	16QAM	20643	6RB#0	Range1:30~1000MHz	-35.82	PASS
Band 5	1.4MHz	16QAM	20643	6RB#0	Range2:1000~10000MHz	-35.15	PASS
Band 5	3MHz	QPSK	20415	15RB#0	Range1:30~1000MHz	-34.56	PASS
Band 5	3MHz	QPSK	20415	15RB#0	Range2:1000~10000MHz	-37.93	PASS
Band 5	3MHz	QPSK	20525	15RB#0	Range1:30~1000MHz	-35.82	PASS
Band 5	3MHz	QPSK	20525	15RB#0	Range2:1000~10000MHz	-42.71	PASS
Band 5	3MHz	QPSK	20635	15RB#0	Range1:30~1000MHz	-34.8	PASS
Band 5	3MHz	QPSK	20635	15RB#0	Range2:1000~10000MHz	-39.8	PASS

5					Hz	6	S
Band 5	3MHz	16QAM	20415	15RB#0	Range1:30~1000MHz	-35.48	PAS S
Band 5	3MHz	16QAM	20415	15RB#0	Range2:1000~10000M Hz	-40.42	PAS S
Band 5	3MHz	16QAM	20525	15RB#0	Range1:30~1000MHz	-35.96	PAS S
Band 5	3MHz	16QAM	20525	15RB#0	Range2:1000~10000M Hz	-41.58	PAS S
Band 5	3MHz	16QAM	20635	15RB#0	Range1:30~1000MHz	-36.56	PAS S
Band 5	3MHz	16QAM	20635	15RB#0	Range2:1000~10000M Hz	-45.08	PAS S
Band 5	5MHz	QPSK	20425	25RB#0	Range1:30~1000MHz	-35.83	PAS S
Band 5	5MHz	QPSK	20425	25RB#0	Range2:1000~10000M Hz	-42.7	PAS S
Band 5	5MHz	QPSK	20525	25RB#0	Range1:30~1000MHz	-35.84	PAS S
Band 5	5MHz	QPSK	20525	25RB#0	Range2:1000~10000M Hz	-43.41	PAS S
Band 5	5MHz	QPSK	20625	25RB#0	Range1:30~1000MHz	-35.74	PAS S
Band 5	5MHz	QPSK	20625	25RB#0	Range2:1000~10000M Hz	-42.25	PAS S
Band 5	5MHz	16QAM	20425	25RB#0	Range1:30~1000MHz	-35.24	PAS S
Band 5	5MHz	16QAM	20425	25RB#0	Range2:1000~10000M Hz	-41.97	PAS S
Band 5	5MHz	16QAM	20525	25RB#0	Range1:30~1000MHz	-36.4	PAS S
Band 5	5MHz	16QAM	20525	25RB#0	Range2:1000~10000M Hz	-43.49	PAS S
Band 5	5MHz	16QAM	20625	25RB#0	Range1:30~1000MHz	-36.42	PAS S
Band 5	5MHz	16QAM	20625	25RB#0	Range2:1000~10000M Hz	-40.32	PAS S
Band 5	10MHz	QPSK	20450	50RB#0	Range1:30~1000MHz	-35.77	PAS S
Band 5	10MHz	QPSK	20450	50RB#0	Range2:1000~10000M Hz	-44.1	PAS S
Band 5	10MHz	QPSK	20525	50RB#0	Range1:30~1000MHz	-35.24	PAS S

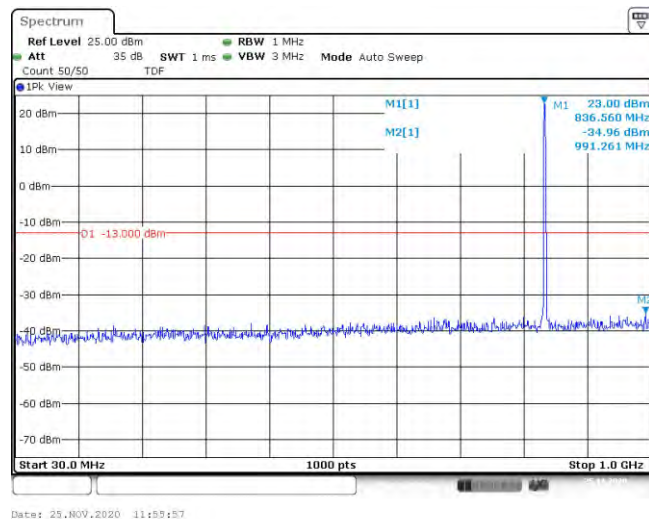
Band 5	10MHz	QPSK	20525	50RB#0	Range2:1000~10000M Hz	-43.9	PAS S
Band 5	10MHz	QPSK	20600	50RB#0	Range1:30~1000MHz	-36.48	PAS S
Band 5	10MHz	QPSK	20600	50RB#0	Range2:1000~10000M Hz	-43.43	PAS S
Band 5	10MHz	16QAM	20450	50RB#0	Range1:30~1000MHz	-35.55	PAS S
Band 5	10MHz	16QAM	20450	50RB#0	Range2:1000~10000M Hz	-43.47	PAS S
Band 5	10MHz	16QAM	20525	50RB#0	Range1:30~1000MHz	-34.26	PAS S
Band 5	10MHz	16QAM	20525	50RB#0	Range2:1000~10000M Hz	-44.78	PAS S
Band 5	10MHz	16QAM	20600	50RB#0	Range1:30~1000MHz	-34.44	PAS S
Band 5	10MHz	16QAM	20600	50RB#0	Range2:1000~10000M Hz	-41.67	PAS S

Test Graphs

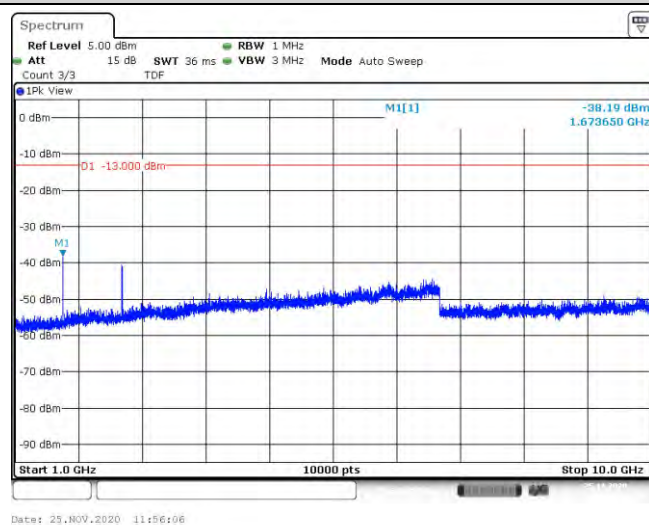




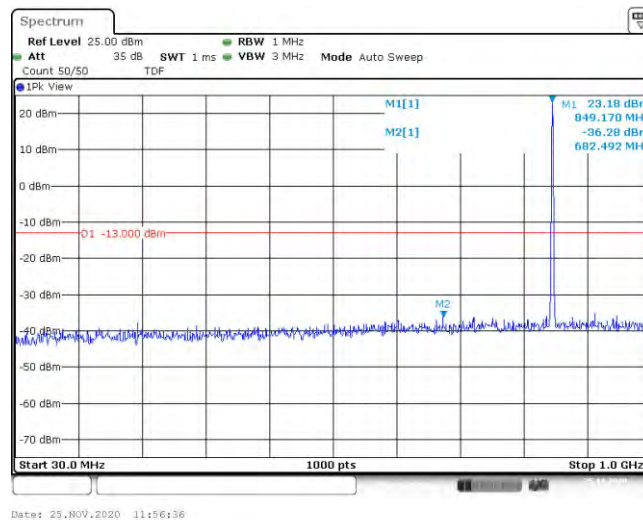
Band5-1.4MHz-QPSK-20525-6RB#0-Range1:30~1000MHz



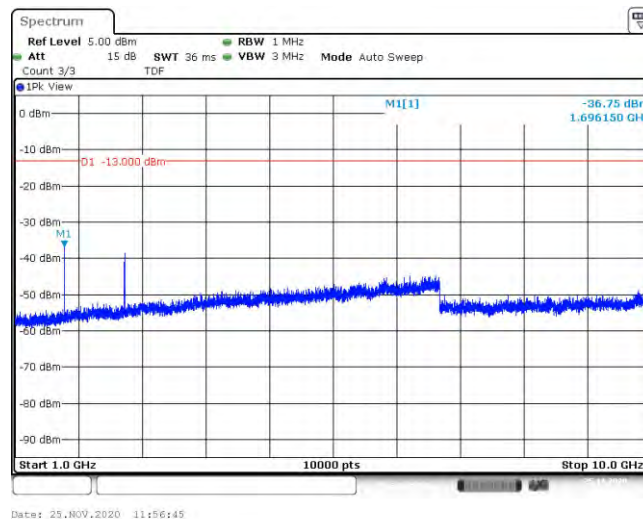
Band5-1.4MHz-QPSK-20525-6RB#0-Range2:1000~10000MHz



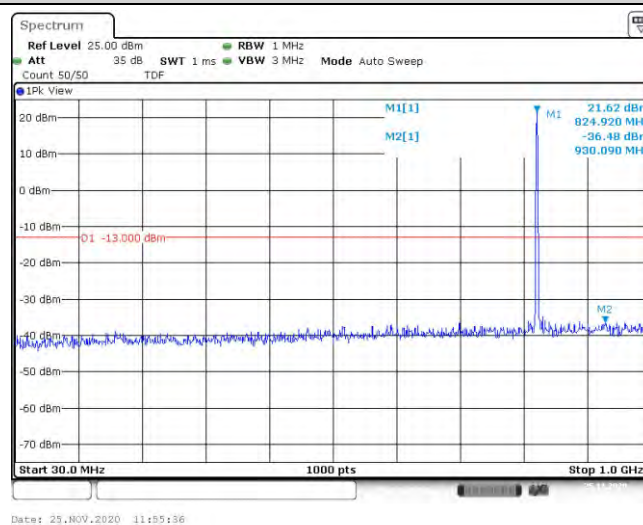
Band5-1.4MHz-QPSK-20643-6RB#0-Range1:30~1000MHz



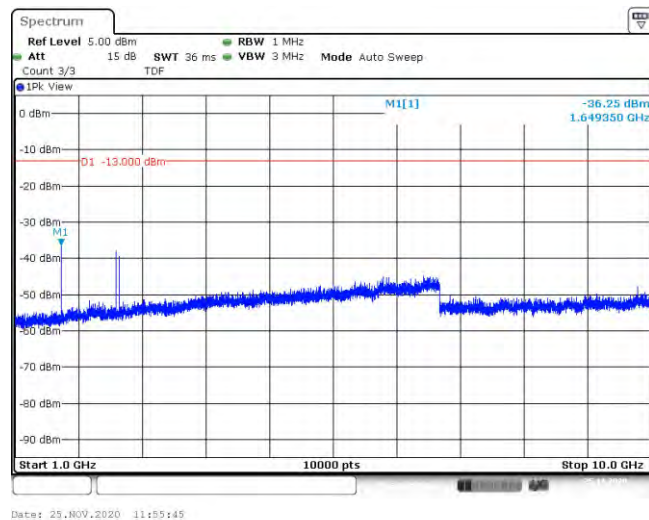
Band5-1.4MHz-QPSK-20643-6RB#0-Range2:1000~10000MHz



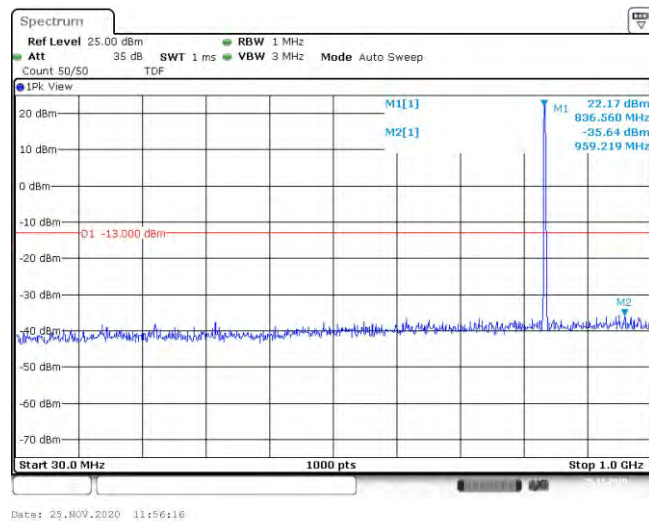
Band5-1.4MHz-16QAM-20407-6RB#0-Range1:30~1000MHz



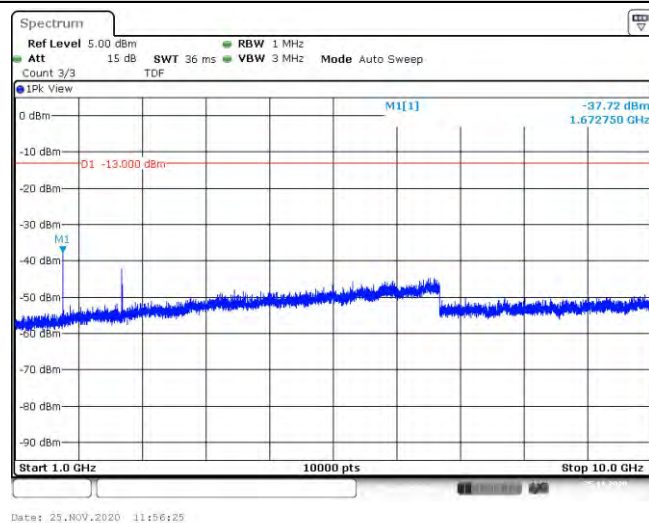
Band5-1.4MHz-16QAM-20407-6RB#0-Range2:1000~10000MHz



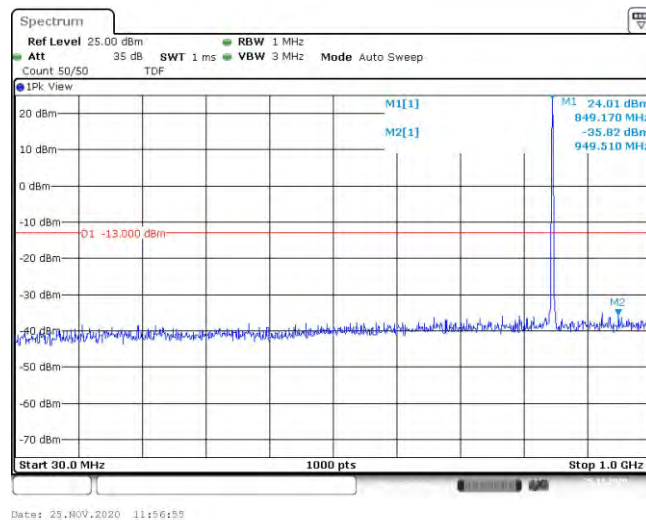
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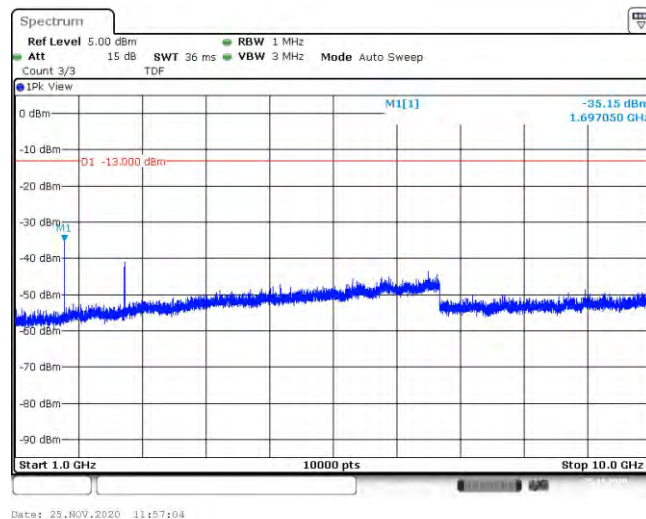
Band5-1.4MHz-16QAM-20525-6RB#0-Range2:1000~10000MHz



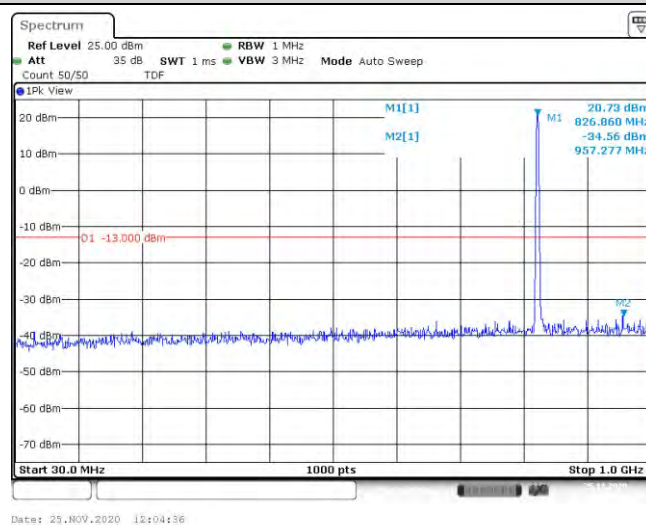
Band5-1.4MHz-16QAM-20643-6RB#0-Range1:30~1000MHz



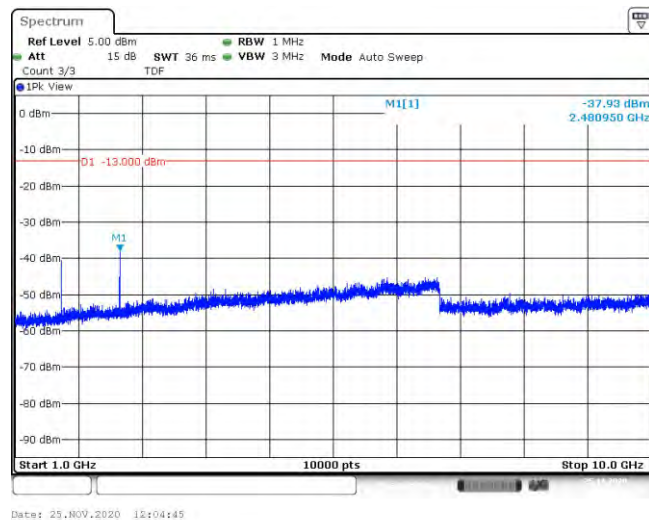
Band5-1.4MHz-16QAM-20643-6RB#0-Range2:1000~10000MHz



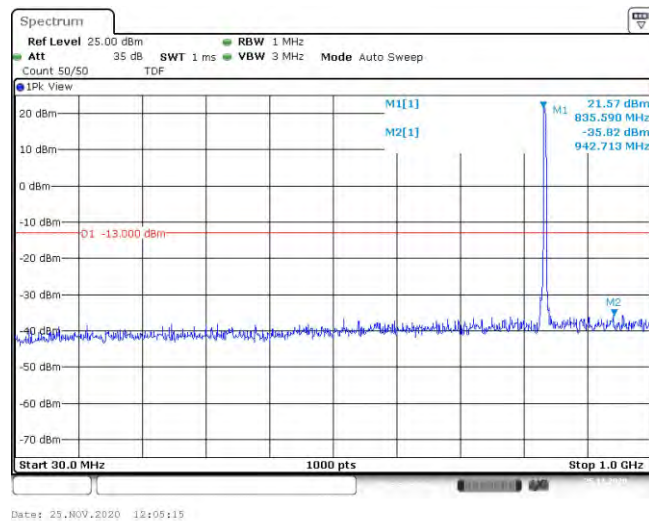
Band5-3MHz-QPSK-20415-15RB#0-Range1:30~1000MHz



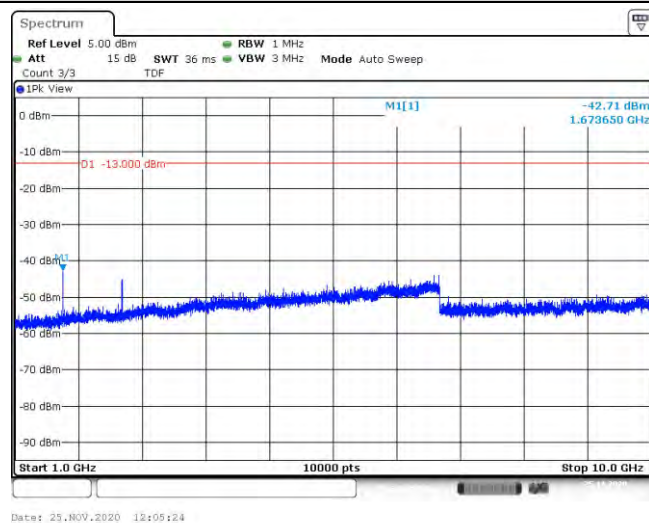
Band5-3MHz-QPSK-20415-15RB#0-Range2:1000~10000MHz



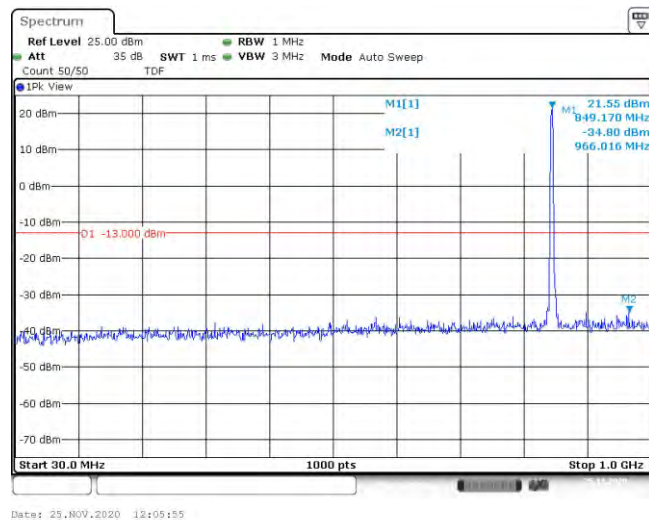
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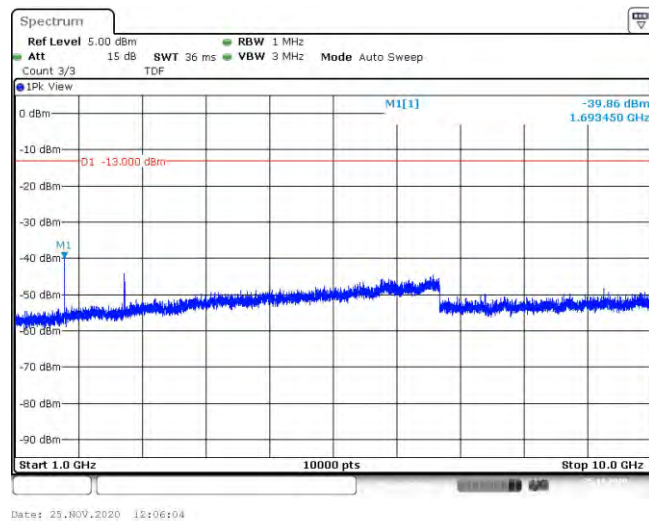
Band5-3MHz-QPSK-20525-15RB#0-Range2:1000~10000MHz



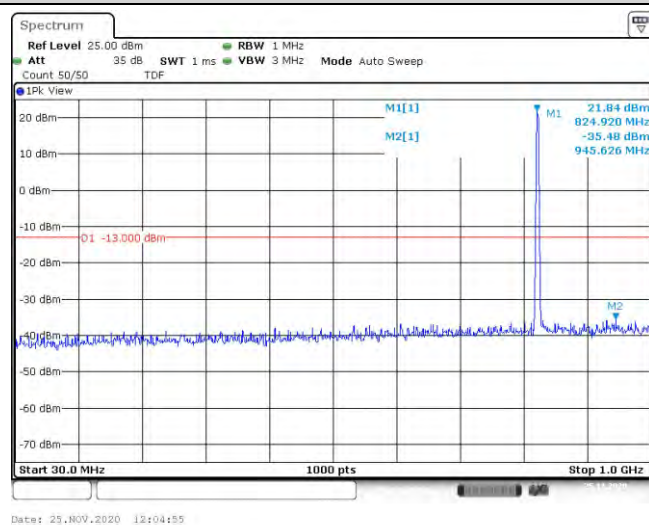
Band5-3MHz-QPSK-20635-15RB#0-Range1:30~1000MHz



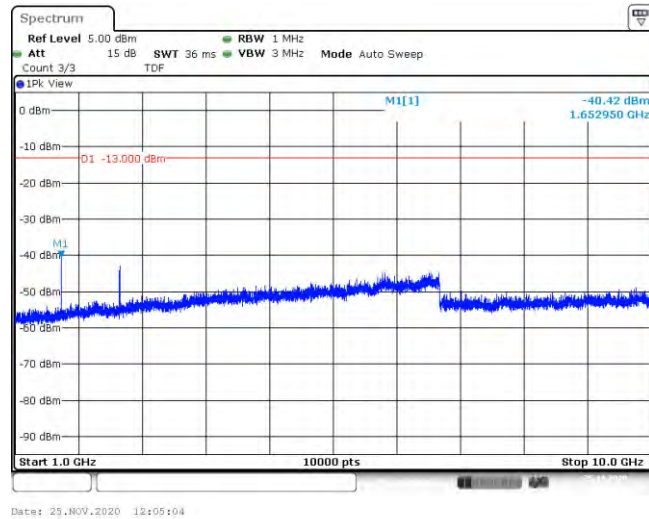
Band5-3MHz-QPSK-20635-15RB#0-Range2:1000~10000MHz



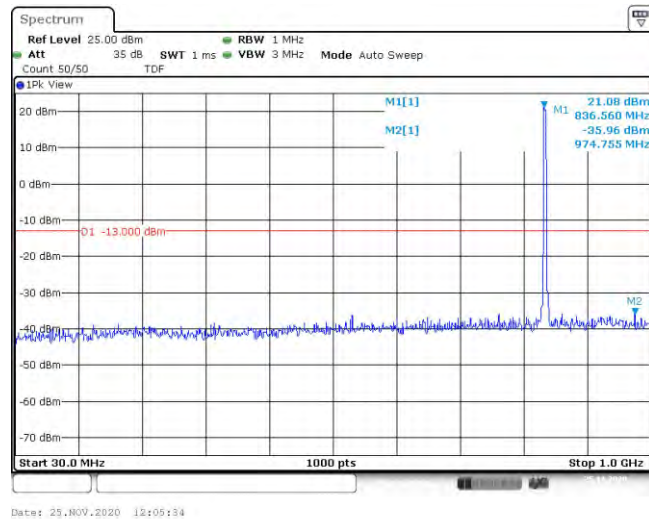
Band5-3MHz-16QAM-20415-15RB#0-Range1:30~1000MHz



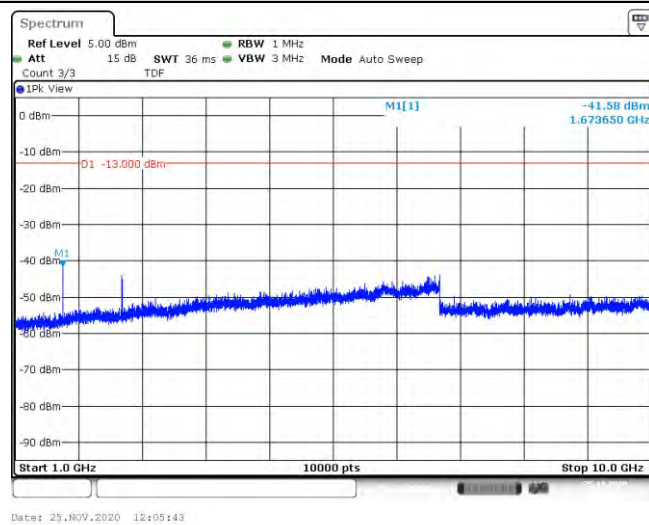
Band5-3MHz-16QAM-20415-15RB#0-Range2:1000~10000MHz



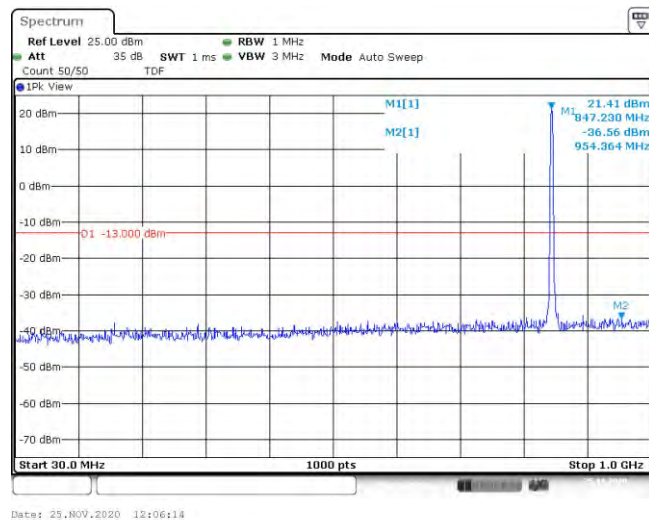
Band5-3MHz-16QAM-20525-15RB#0-Range1:30~1000MHz



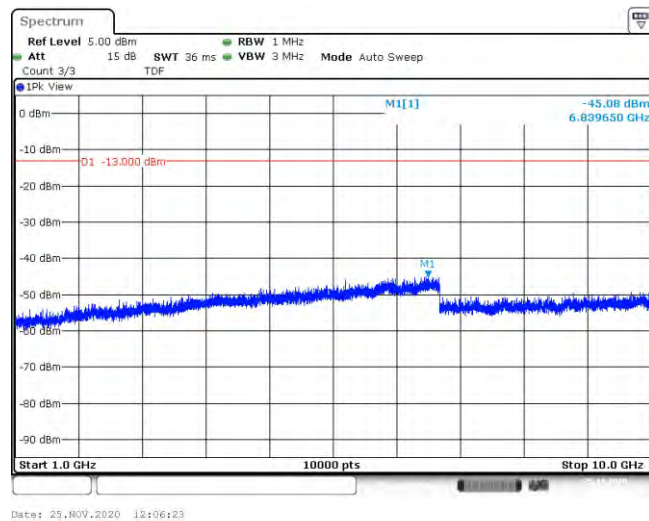
Band5-3MHz-16QAM-20525-15RB#0-Range2:1000~10000MHz



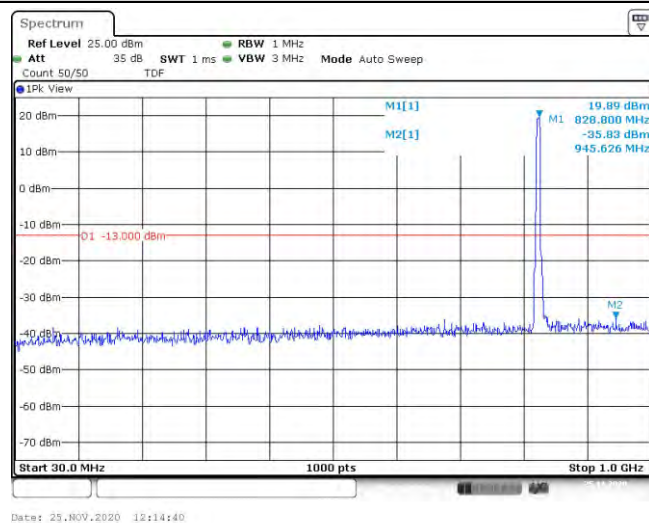
Band5-3MHz-16QAM-20635-15RB#0-Range1:30~1000MHz



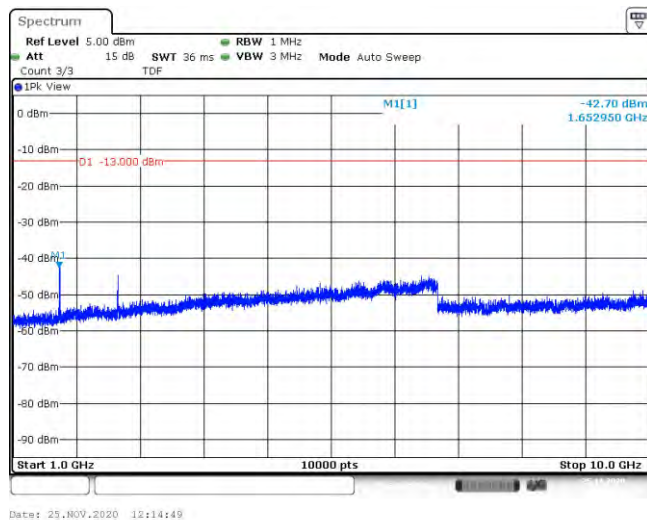
Band5-3MHz-16QAM-20635-15RB#0-Range2:1000~10000MHz



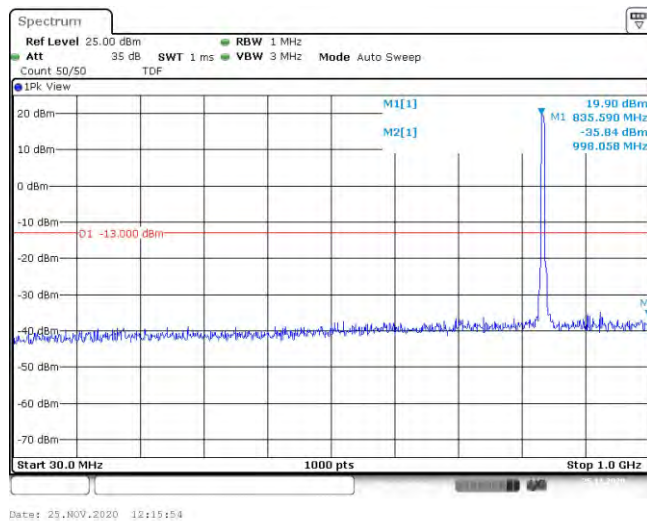
Band5-5MHz-QPSK-20425-25RB#0-Range1:30~1000MHz



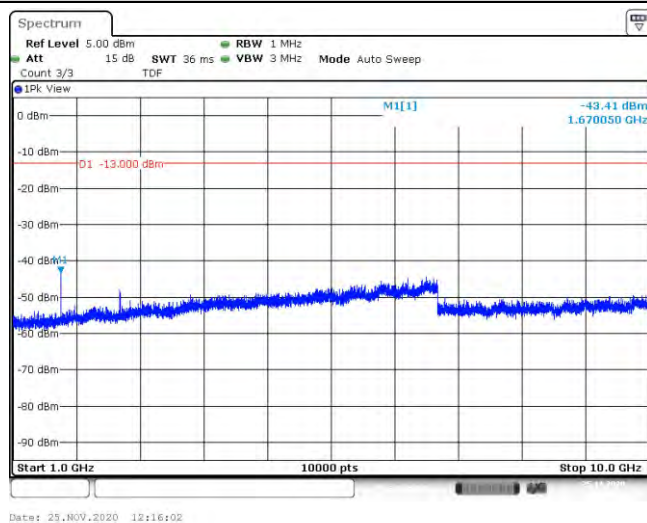
Band5-5MHz-QPSK-20425-25RB#0-Range2:1000~10000MHz



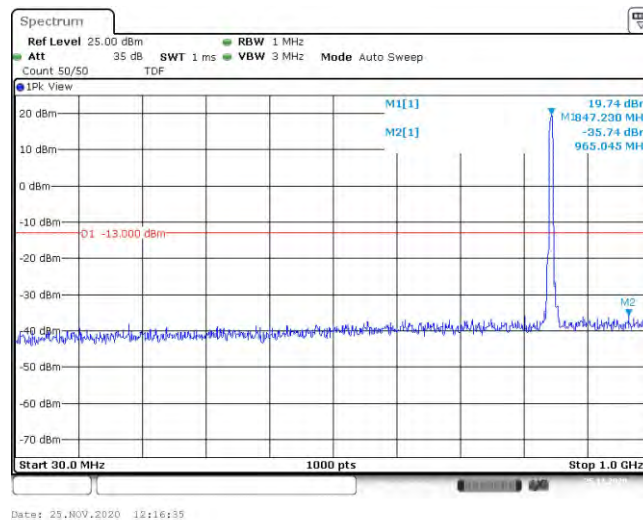
Band5-5MHz-QPSK-20525-25RB#0-Range1:30~1000MHz



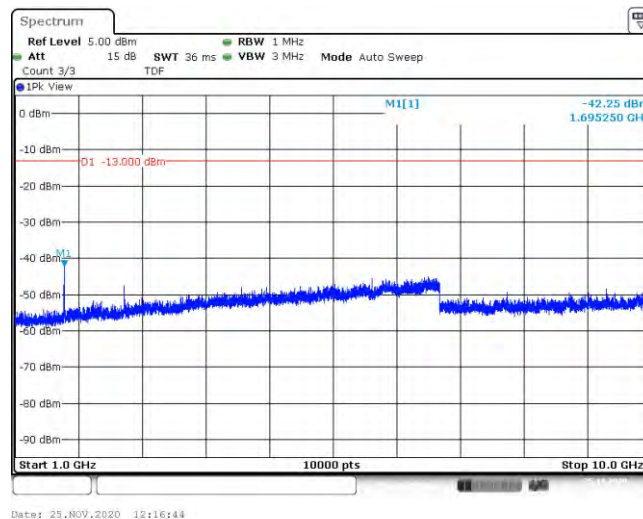
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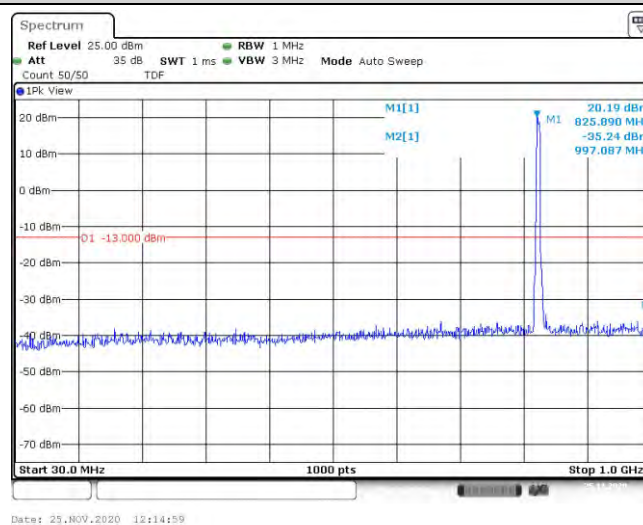
Band5-5MHz-QPSK-20625-25RB#0-Range1:30~1000MHz



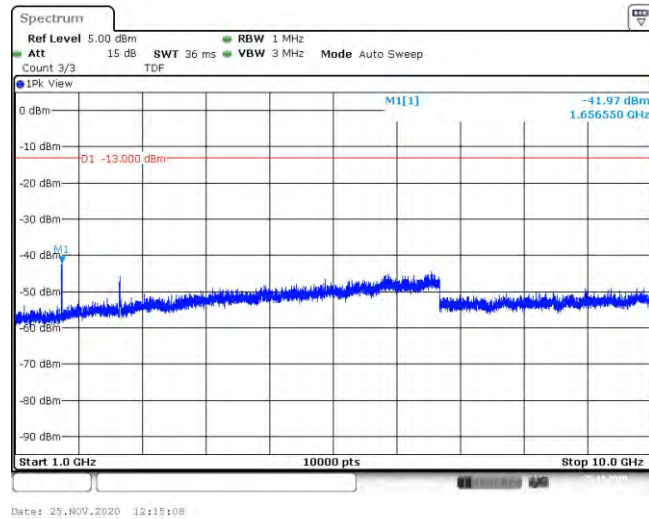
Band5-5MHz-QPSK-20625-25RB#0-Range2:1000~10000MHz



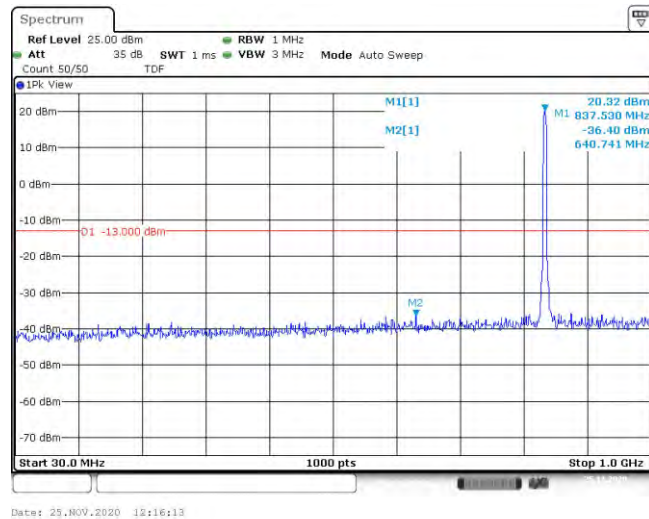
Band5-5MHz-16QAM-20425-25RB#0-Range1:30~1000MHz



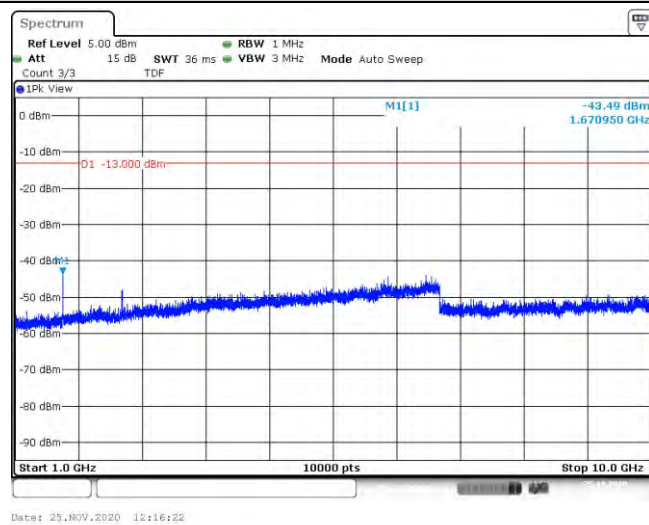
Band5-5MHz-16QAM-20425-25RB#0-Range2:1000~10000MHz



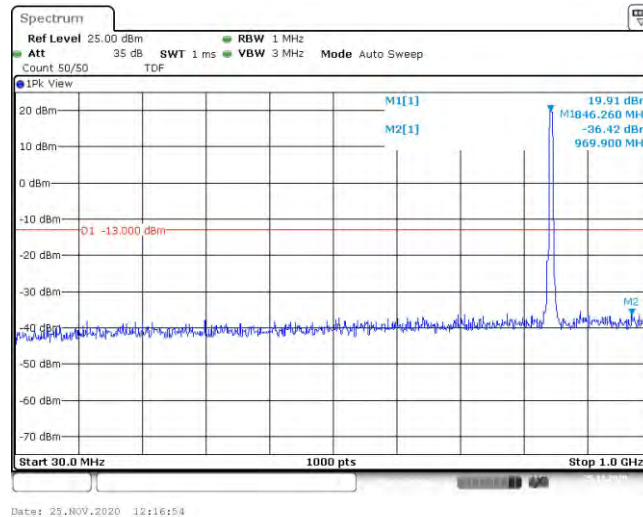
Band5-5MHz-16QAM-20525-25RB#0-Range1:30~1000MHz



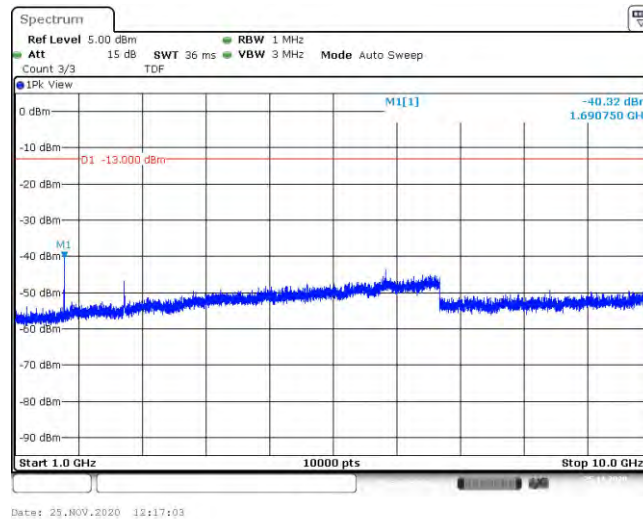
Band5-5MHz-16QAM-20525-25RB#0-Range2:1000~10000MHz



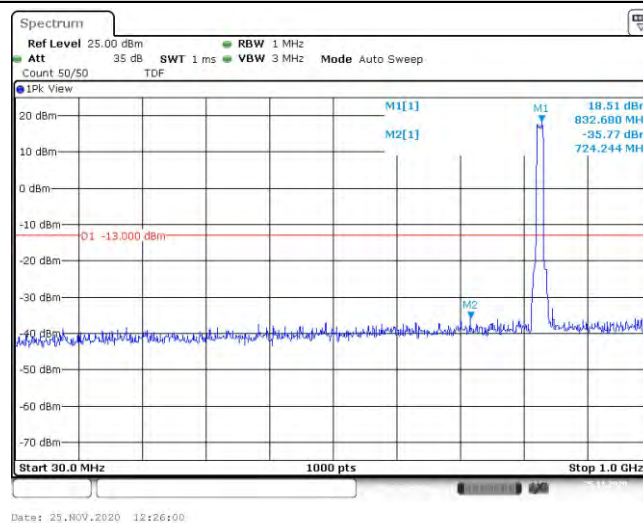
Band5-5MHz-16QAM-20625-25RB#0-Range1:30~1000MHz



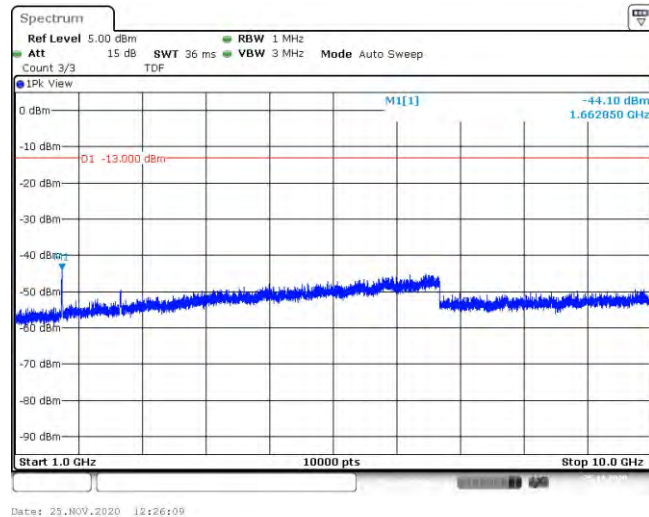
Band5-5MHz-16QAM-20625-25RB#0-Range2:1000~10000MHz



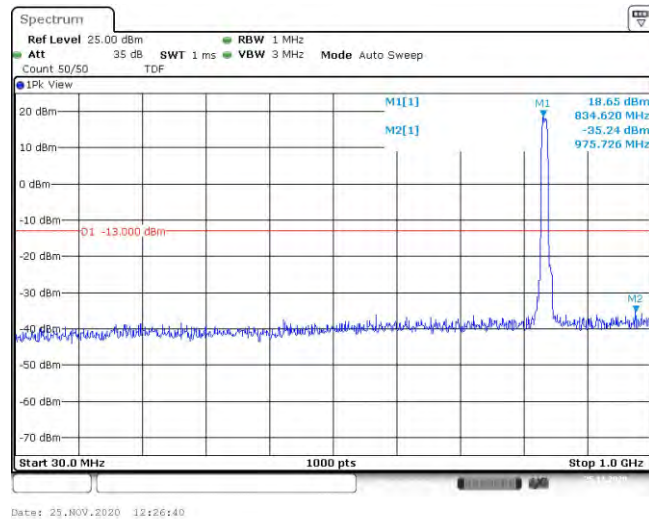
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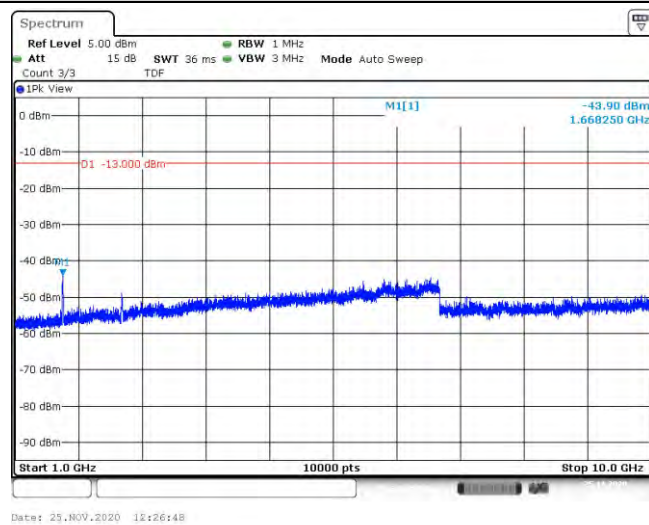
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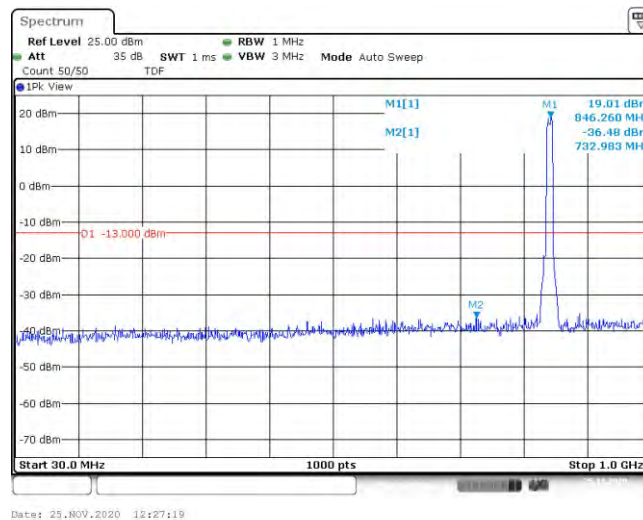
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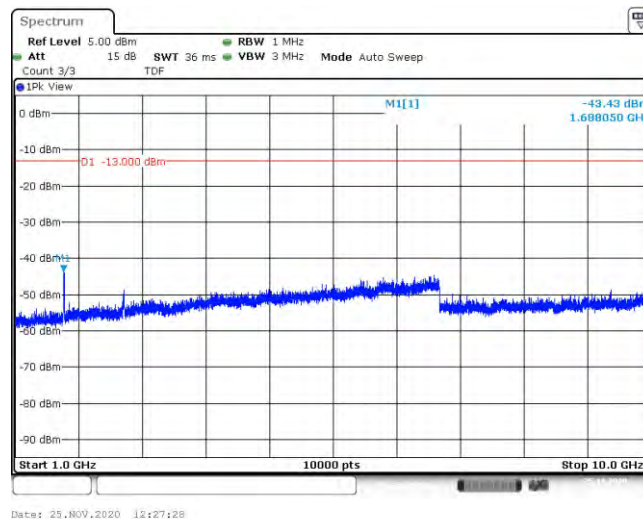
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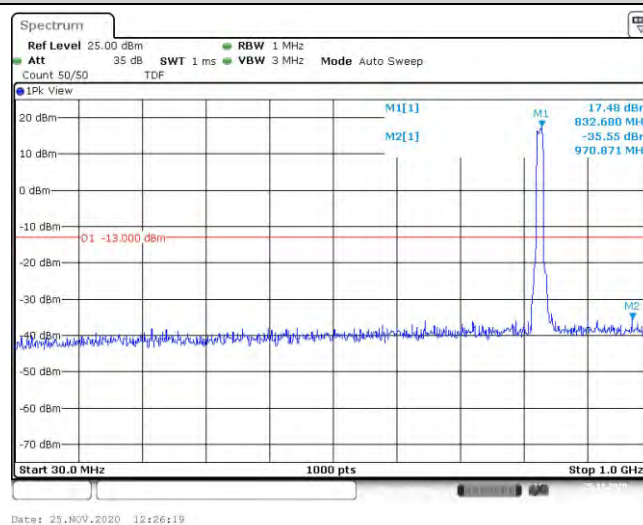
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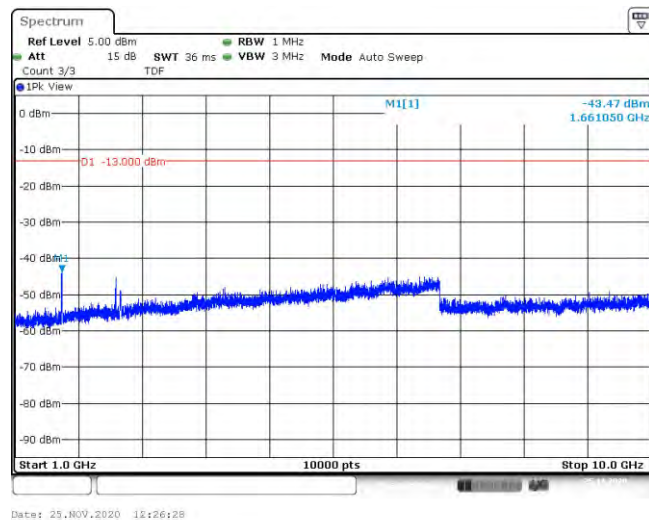
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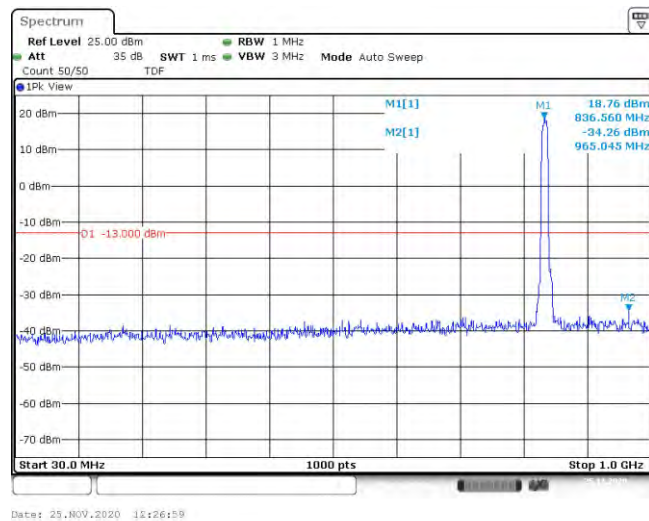
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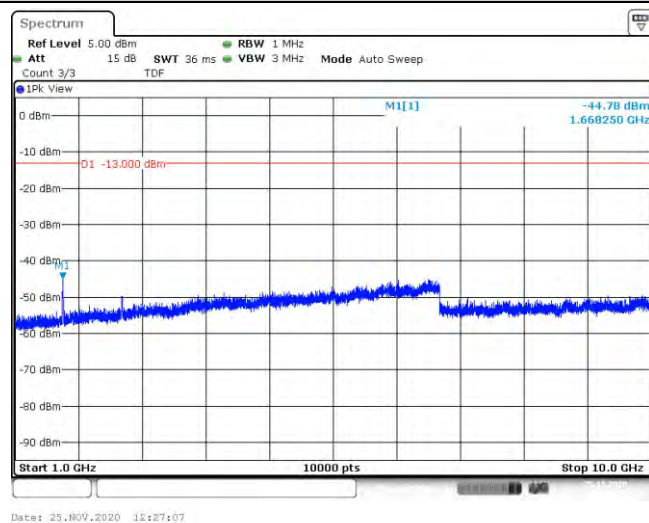
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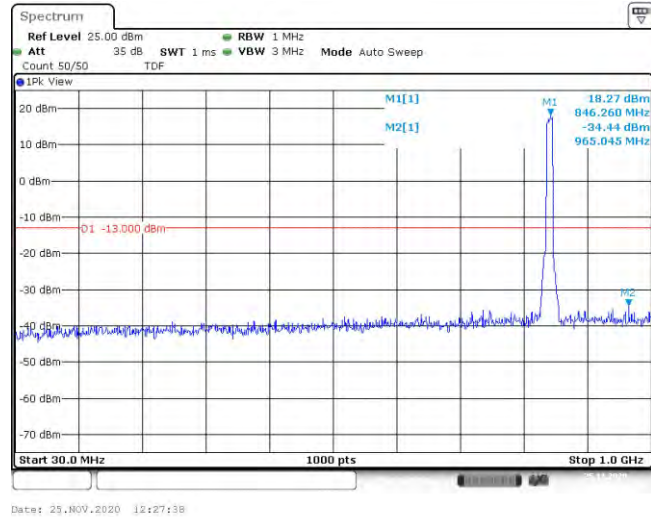
Band5-10MHz-16QAM-20525-50RB#0-Range1:30~1000MHz



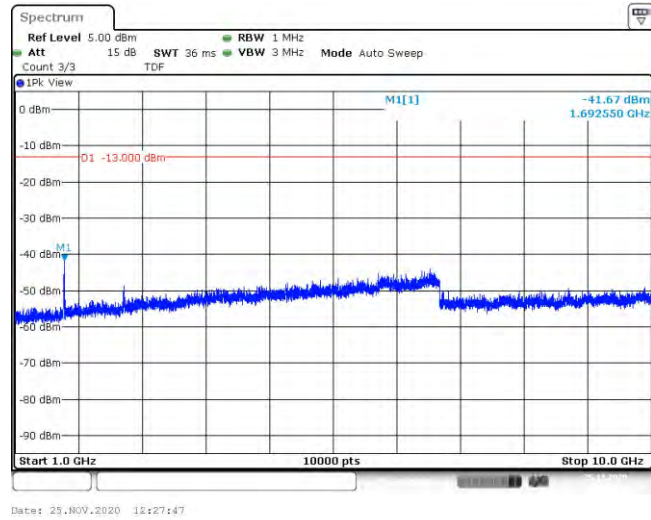
Band5-10MHz-16QAM-20525-50RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-50RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-50RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-3.10	-0.003759	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-3.95	-0.004790	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-3.78	-0.004583	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-4.42	-0.005284	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-2.16	-0.002582	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-2.19	-0.002618	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	2.46	0.002900	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	1.43	0.001686	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-2.23	-0.002629	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-2.26	-0.002740	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-3.59	-0.004353	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-1.53	-0.001855	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-2.39	-0.002857	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	2.79	0.003335	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-2.37	-0.002833	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-2.88	-0.003395	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	2.13	0.002511	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-3.08	-0.003631	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	2.96	0.003586	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	2.29	0.002774	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	2.32	0.002810	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.07	-0.002475	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-2.02	-0.002415	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-2.93	-0.003503	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-4.35	-0.005133	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-2.79	-0.003292	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.09	-0.003646	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	1.86	0.002253	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-3.88	-0.004700	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-3.93	-0.004761	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-2.06	-0.002463	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-4.22	-0.005045	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	1.13	0.001351	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-2.13	-0.002513	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-6.01	-0.007091	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.20	-0.003776	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-3.18	-0.003848	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-4.31	-0.005215	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-2.73	-0.003303	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-2.80	-0.003347	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-1.87	-0.002236	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-3.95	-0.004722	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-1.54	-0.001819	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-3.75	-0.004430	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-1.85	-0.002185	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-4.52	-0.005469	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-4.22	-0.005106	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-2.82	-0.003412	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	1.87	0.002236	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-2.75	-0.003288	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-2.86	-0.003419	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-1.75	-0.002067	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-2.29	-0.002705	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-2.42	-0.002859	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-3.49	-0.004210	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.95	-0.003559	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.26	-0.003897	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.82	-0.004567	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.46	0.002941	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-4.48	-0.005308	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	2.52	0.002986	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	3.52	0.004171	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-3.92	-0.004729	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	1.79	0.002159	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.38	-0.004077	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-2.59	-0.003096	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.85	-0.002212	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-3.29	-0.003933	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.52	-0.002986	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-2.98	-0.003613	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-1.93	-0.002340	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-2.78	-0.003371	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-3.32	-0.004026	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-3.36	-0.004074	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-3.66	-0.004375	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-2.79	-0.003335	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-1.34	-0.001602	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-3.71	-0.004435	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-3.12	-0.003730	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-1.89	-0.002228	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-3.89	-0.004586	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-2.12	-0.002499	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-2.09	-0.002464	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-3.10	-0.003654	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-1.75	-0.002122	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-2.09	-0.002534	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.13	-0.003795	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.96	-0.003589	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.63	-0.003189	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-1.93	-0.002307	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-1.89	-0.002259	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-2.47	-0.002953	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-1.23	-0.001470	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	2.19	0.002618	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	1.46	0.001721	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	1.89	0.002228	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-2.45	-0.002888	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-2.42	-0.002853	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-1.79	-0.002110	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	1.44	0.001744	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-3.13	-0.003792	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-1.90	-0.002302	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-2.83	-0.003428	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	2.36	0.002859	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	1.76	0.002104	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-1.76	-0.002104	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-2.10	-0.002510	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-4.59	-0.005487	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	1.83	0.002188	±2.5	PASS

Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-4.38	-0.005168	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-4.25	-0.005015	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-4.15	-0.004897	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-2.36	-0.002785	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.06	-0.003611	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-2.26	-0.002738	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-2.15	-0.002604	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-3.29	-0.003985	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-2.46	-0.002980	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-3.45	-0.004179	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-2.52	-0.003013	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-2.06	-0.002463	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-2.63	-0.003144	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-3.69	-0.004411	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-1.99	-0.002379	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-3.55	-0.004189	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-2.88	-0.003398	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-3.66	-0.004319	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-3.76	-0.004437	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-3.55	-0.004189	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-2.43	-0.002940	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.40	-0.004114	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.66	-0.004428	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-1.82	-0.002202	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-2.26	-0.002734	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-2.99	-0.003574	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-3.43	-0.004100	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-1.75	-0.002092	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.15	-0.003766	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-1.06	-0.001267	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-3.23	-0.003816	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-3.16	-0.003733	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-2.59	-0.003060	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	2.52	0.002977	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-2.69	-0.003178	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-3.38	-0.004090	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-4.66	-0.005638	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-4.91	-0.005941	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-4.01	-0.004852	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-5.39	-0.006521	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-1.54	-0.001841	±2.5	PASS

Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-3.68	-0.004399	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-4.03	-0.004818	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-2.79	-0.003335	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-3.71	-0.004435	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	2.72	0.003213	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-1.97	-0.002327	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-4.08	-0.004820	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-2.69	-0.003178	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-1.95	-0.002304	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-4.23	-0.005103	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-2.86	-0.003450	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-4.35	-0.005247	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-3.58	-0.004318	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-2.65	-0.003197	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-4.05	-0.004842	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.52	-0.003013	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-2.65	-0.003168	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-1.92	-0.002295	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-2.76	-0.003299	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-3.33	-0.003945	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-4.26	-0.005047	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-2.83	-0.003353	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.92	-0.004645	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.56	-0.003033	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	1.66	0.002002	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.29	0.002762	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-3.91	-0.004717	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.36	-0.002847	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-3.10	-0.003739	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-3.32	-0.003969	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.38	-0.004041	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.97	-0.002355	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	2.53	0.003025	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-3.32	-0.003969	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-2.88	-0.003412	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	1.86	0.002204	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	2.36	0.002796	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.82	-0.004526	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-3.66	-0.004336	±2.5	PASS