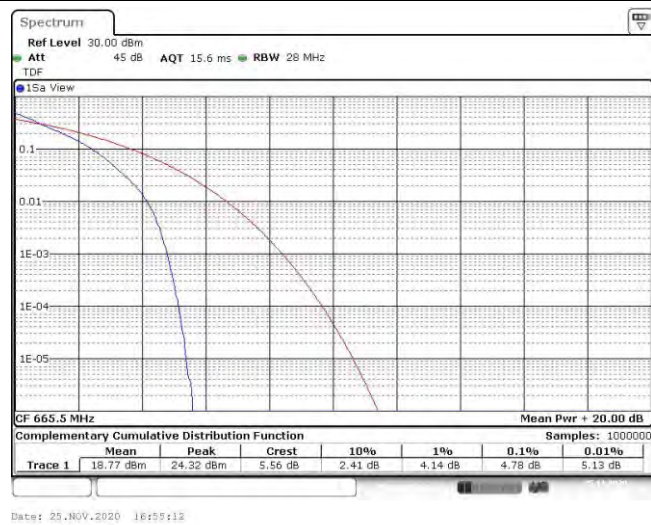


Product Name: GEM-OX-GU**Model: TE-304B-A12****Appendix B: Peak-to-Average Ratio(CCDF)****Test Result**

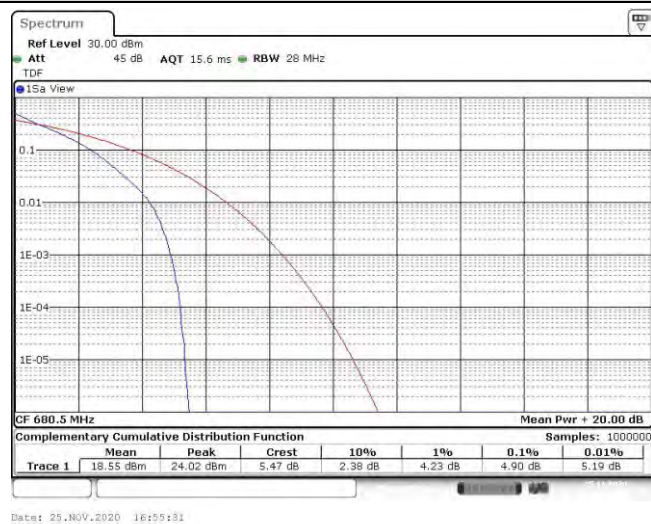
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.78	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.90	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.61	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.62	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.68	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	5.51	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.13	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.01	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	4.84	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.03	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.80	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	5.80	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	4.55	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.51	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	4.52	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	5.65	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.12	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	5.74	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	4.96	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.45	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	4.81	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	5.91	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.26	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.88	13	PASS

Test Graphs

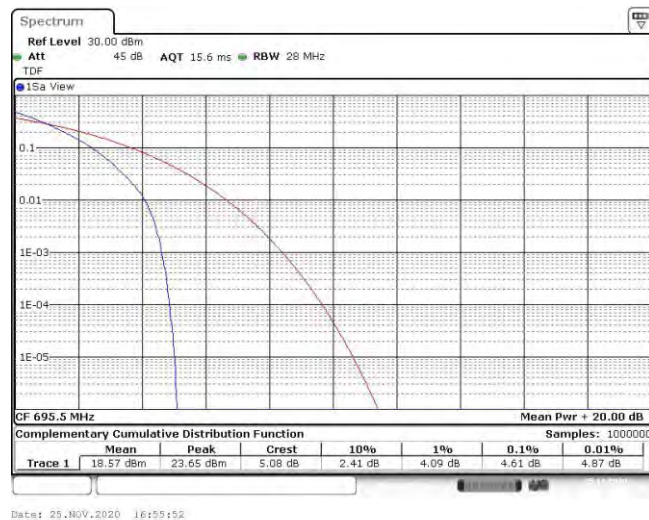
Band71-5MHz-QPSK-133147-25RB#0



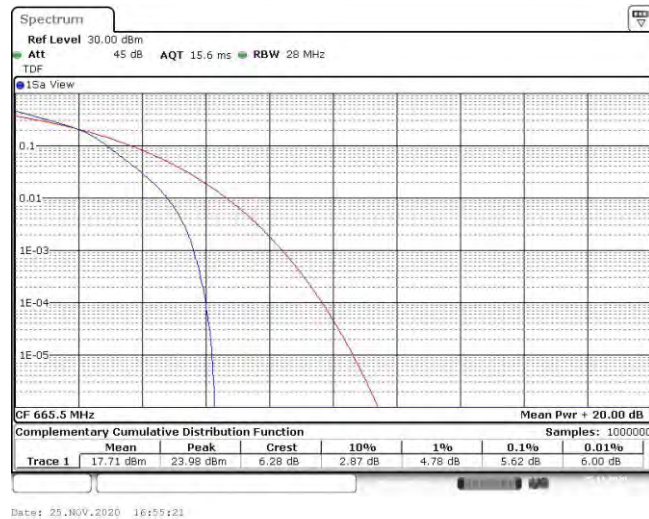
Band71-5MHz-QPSK-133297-25RB#0



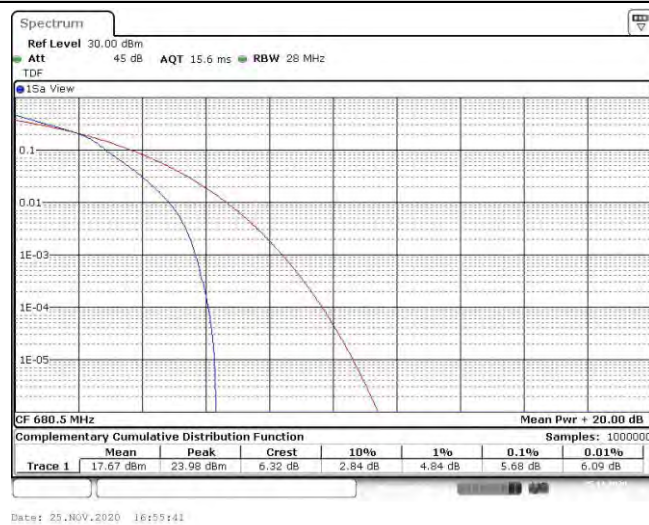
Band71-5MHz-QPSK-133447-25RB#0



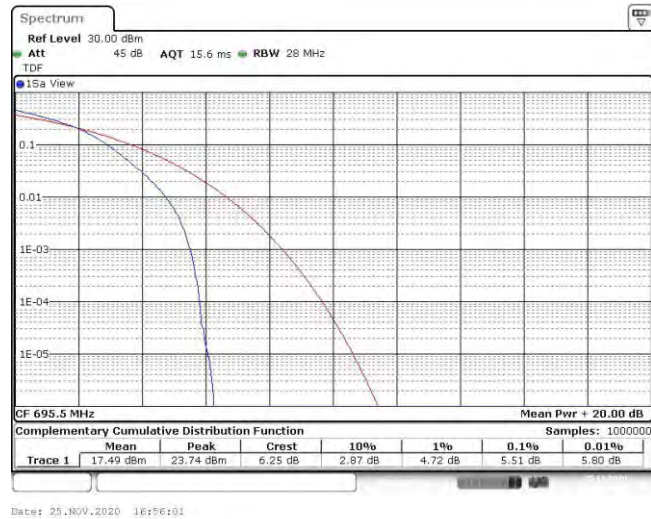
Band71-5MHz-16QAM-133147-25RB#0



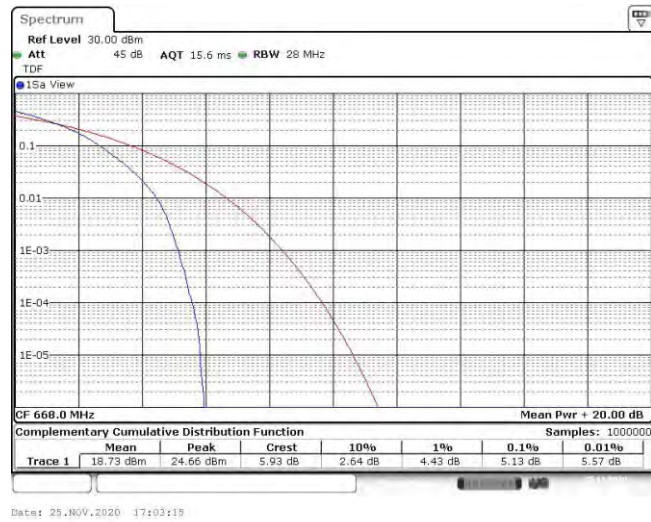
Band71-5MHz-16QAM-133297-25RB#0



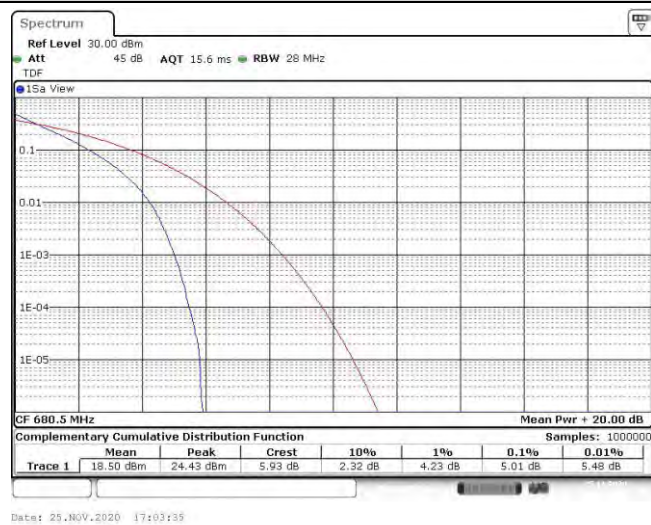
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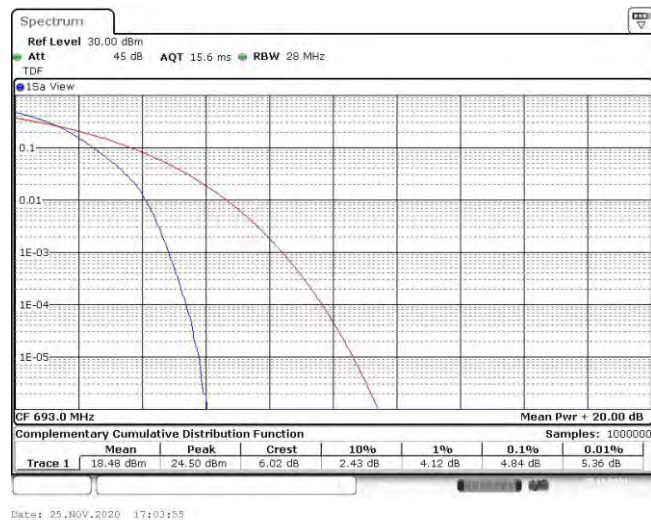
Band71-10MHz-QPSK-133172-50RB#0



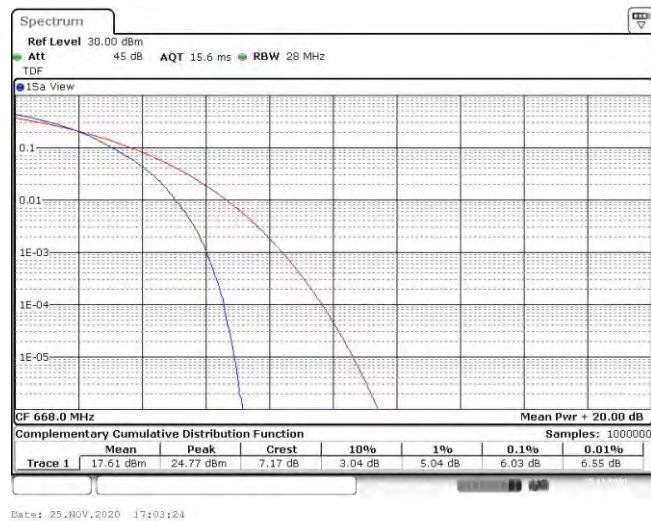
Band71-10MHz-QPSK-133297-50RB#0



Band71-10MHz-QPSK-133422-50RB#0



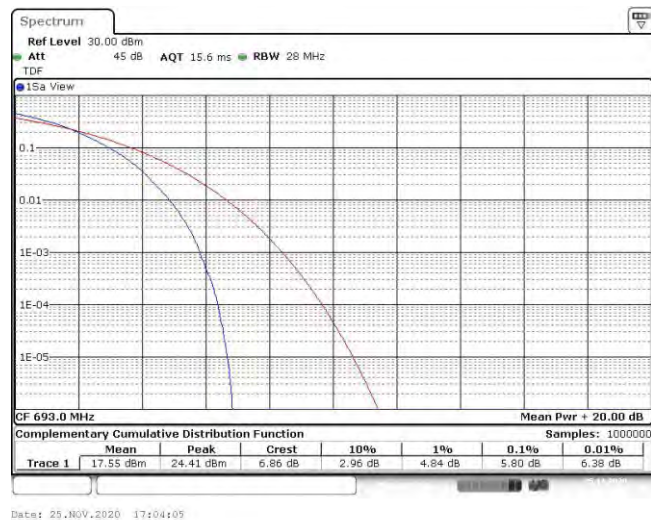
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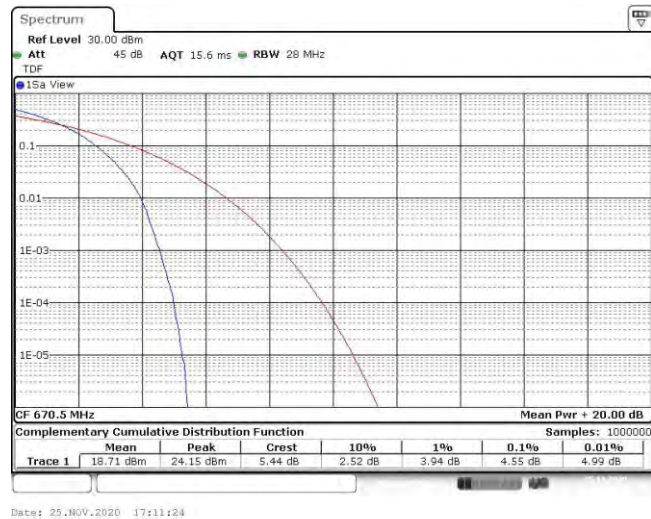
Band71-10MHz-16QAM-133297-50RB#0



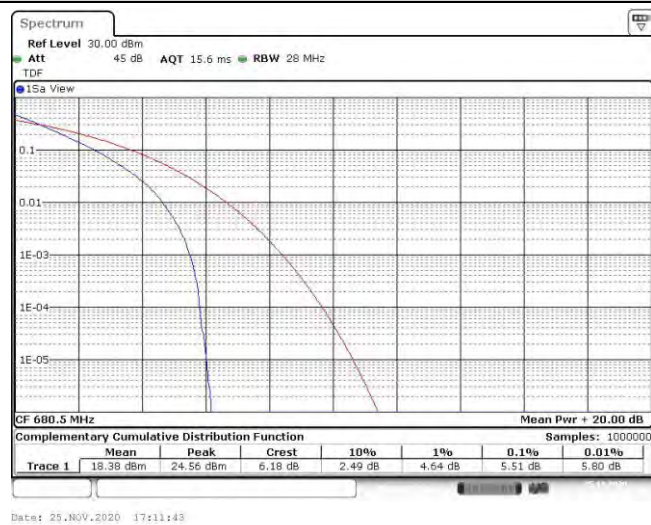
Band71-10MHz-16QAM-133422-50RB#0



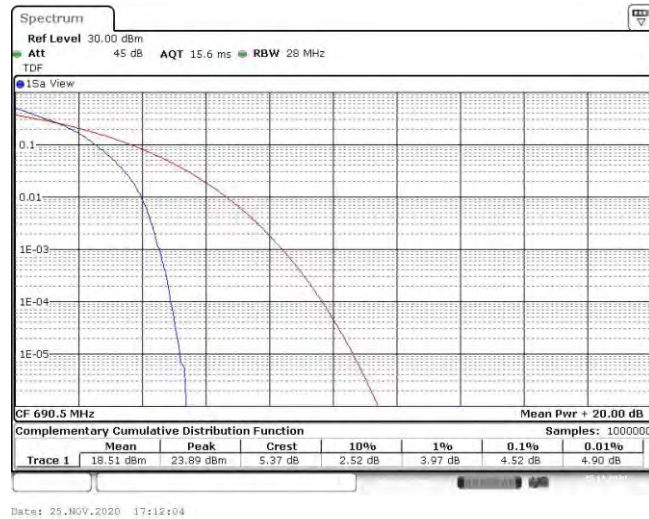
Band71-15MHz-QPSK-133197-75RB#0



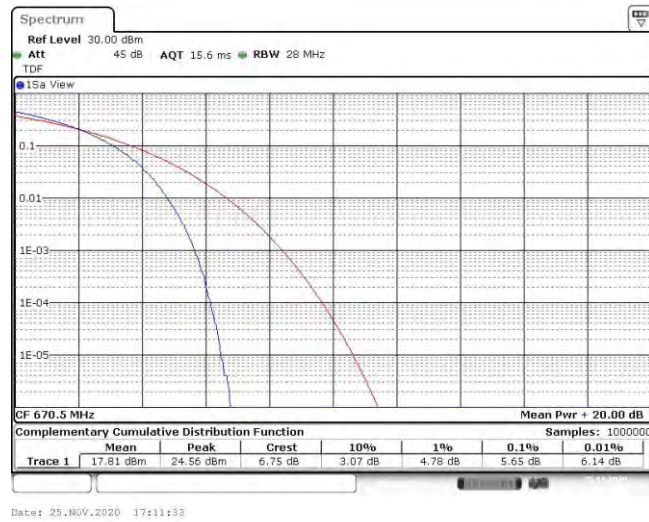
Band71-15MHz-QPSK-133297-75RB#0



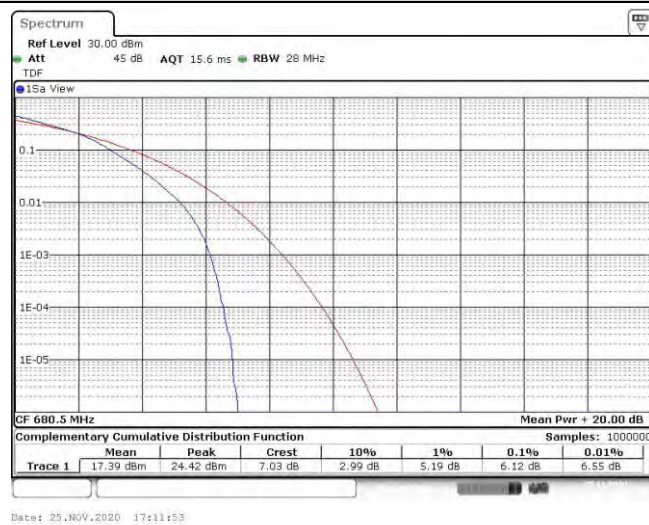
Band71-15MHz-QPSK-133397-75RB#0



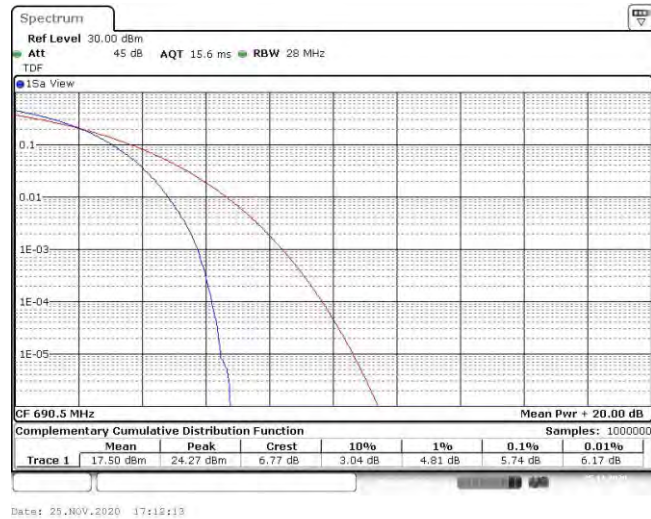
Band71-15MHz-16QAM-133197-75RB#0



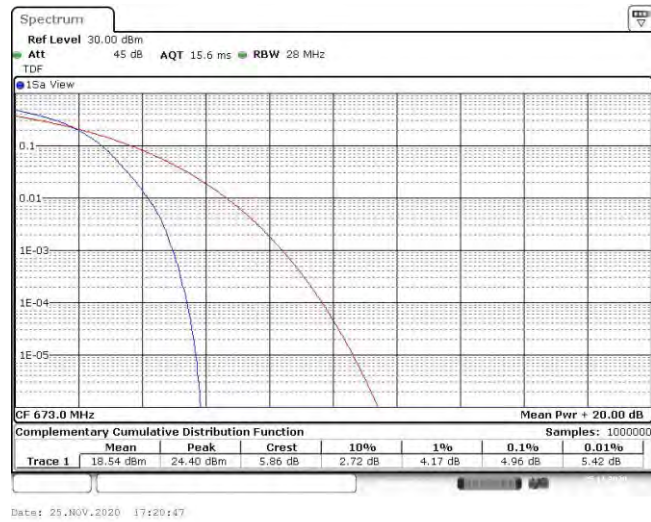
Band71-15MHz-16QAM-133297-75RB#0



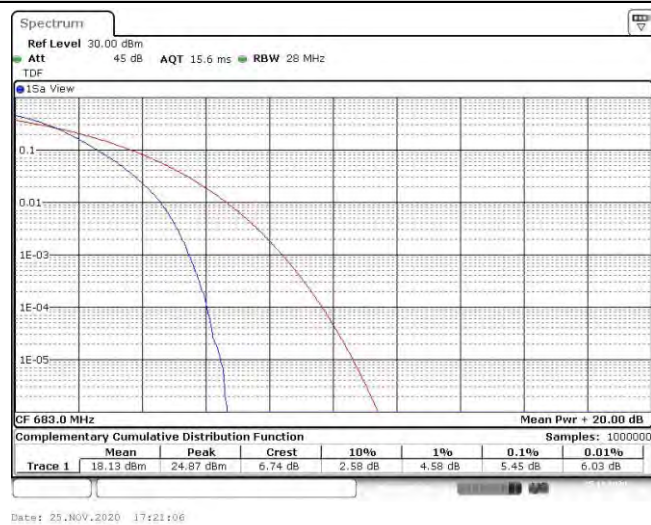
Band71-15MHz-16QAM-133397-75RB#0



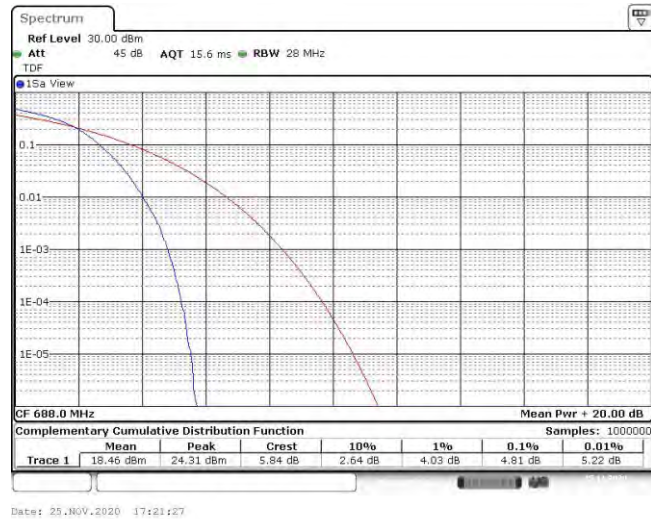
Band71-20MHz-QPSK-133222-100RB#0



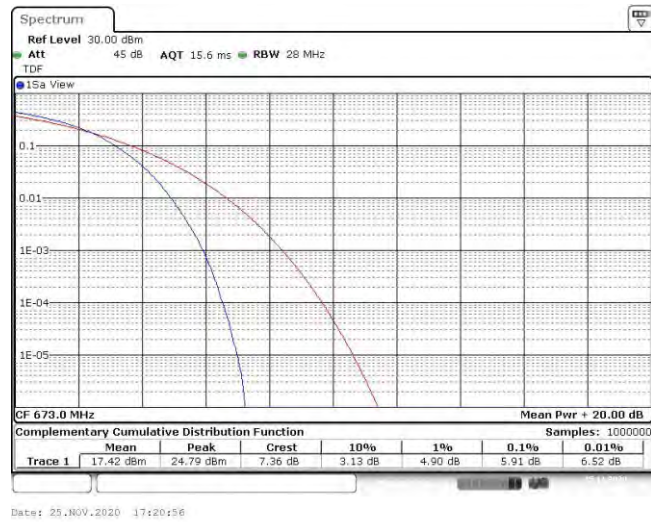
Band71-20MHz-QPSK-133322-100RB#0



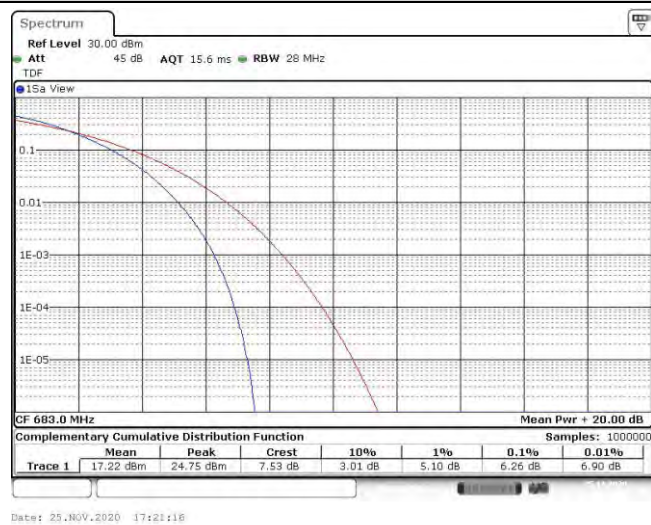
Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133322-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



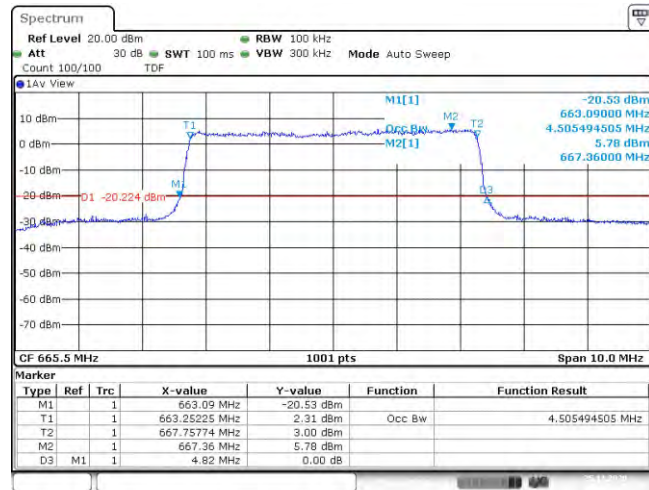
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.505	4.820	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.505	4.790	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.496	4.780	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.525	4.810	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.496	4.790	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.515	4.780	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.985	9.500	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.985	9.533	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.885	9.500	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.918	9.500	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.985	9.533	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.885	9.500	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.328	14.200	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.577	14.400	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.278	14.200	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.328	14.200	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.577	14.300	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.278	14.200	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.77	19.133	PASS
Band71	20MHz	QPSK	133322	100RB#0	18.037	19.267	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.637	19.067	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.77	19.067	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.037	19.267	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.704	19.133	PASS

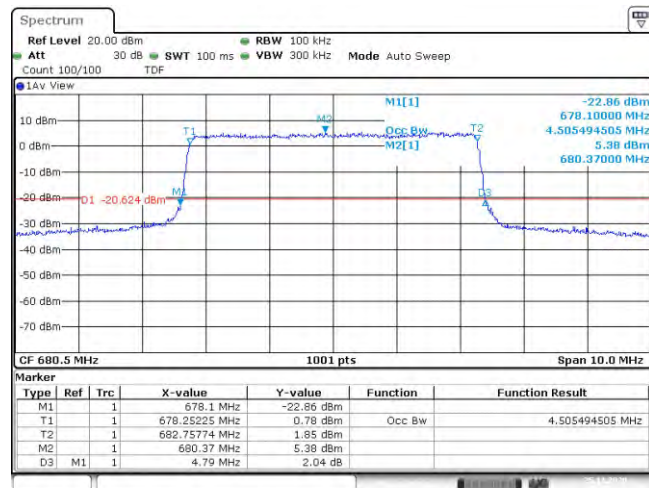
Test Graphs

Band71-5MHz-QPSK-133147-25RB#0-4.505



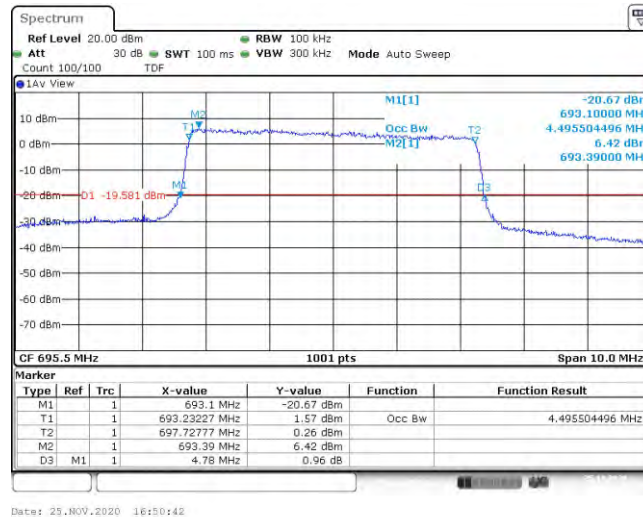
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Band71-5MHz-QPSK-133297-25RB#0-4.505

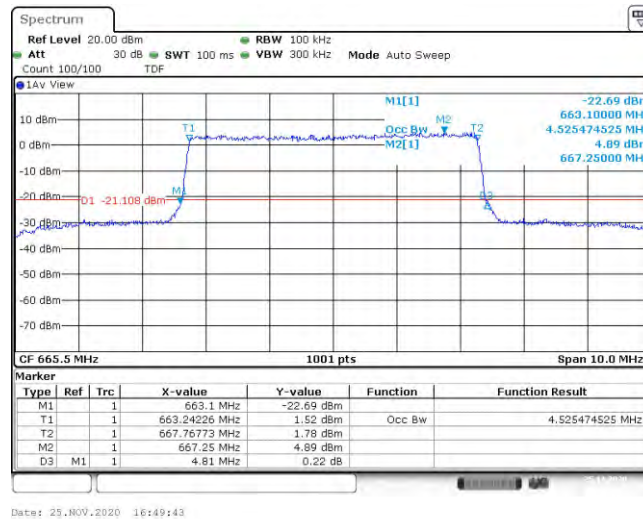


Date: 25.NOV.2020 16:50:03

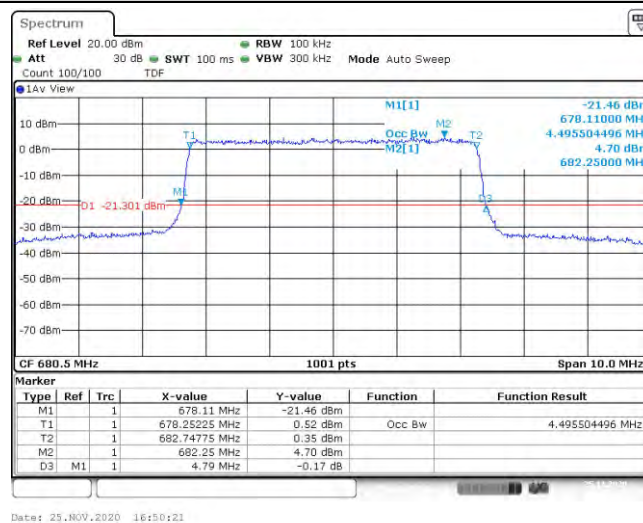
Band71-5MHz-QPSK-133447-25RB#0-4.496



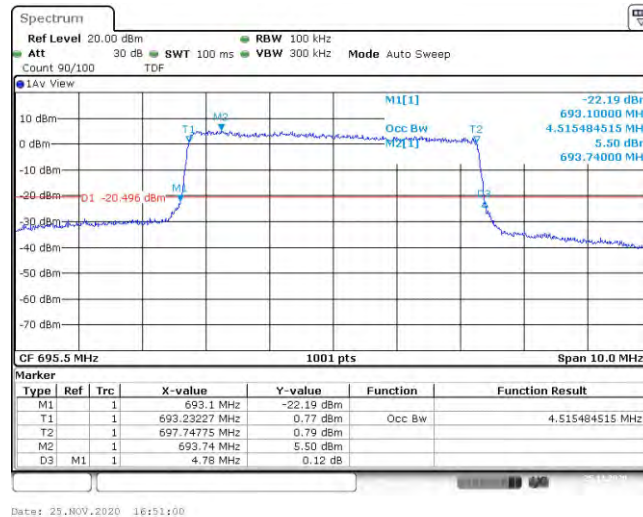
Band71-5MHz-16QAM-133147-25RB#0-4.525



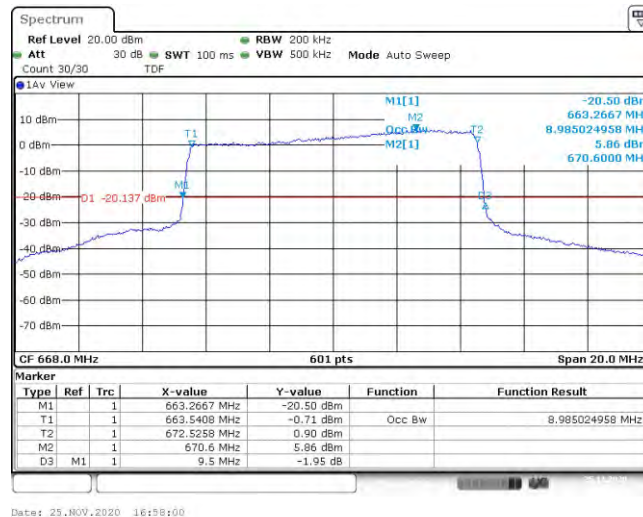
Band71-5MHz-16QAM-133297-25RB#0-4.496



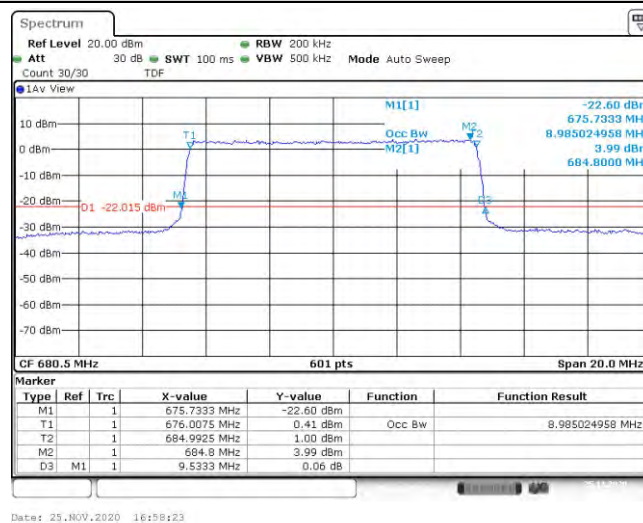
Band71-5MHz-16QAM-133447-25RB#0-4.515



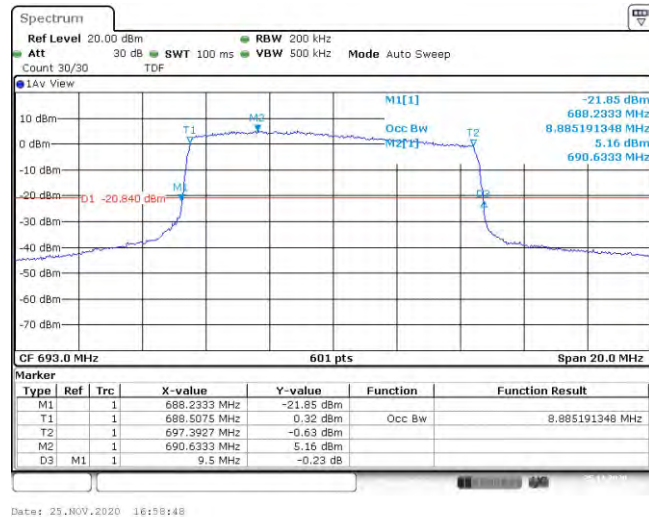
Band71-10MHz-QPSK-133172-50RB#0-8.985



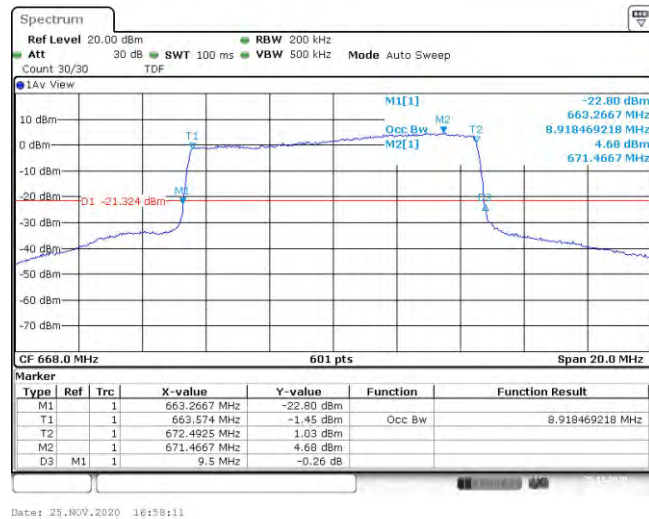
Band71-10MHz-QPSK-133297-50RB#0-8.985



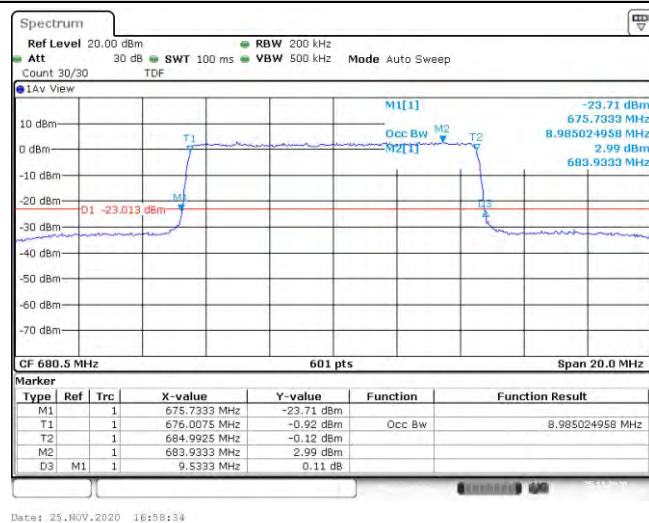
Band71-10MHz-QPSK-133422-50RB#0-8.885



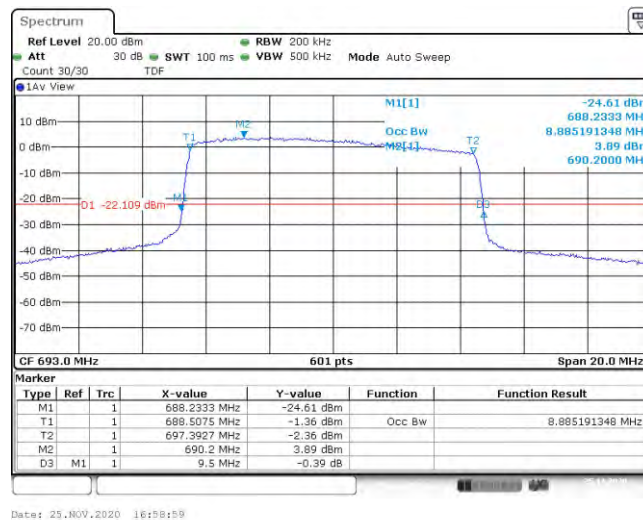
Band71-10MHz-16QAM-133172-50RB#0-8.918



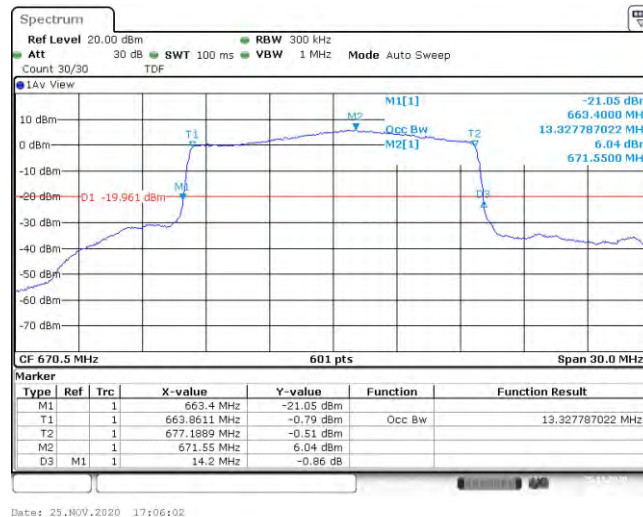
Band71-10MHz-16QAM-133297-50RB#0-8.985



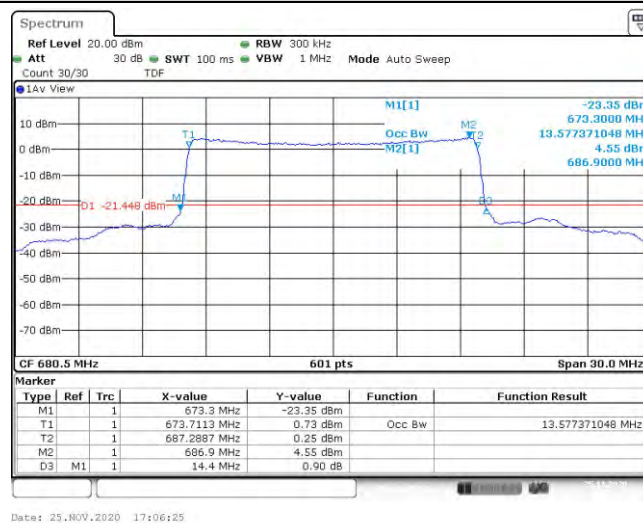
Band71-10MHz-16QAM-133422-50RB#0-8.885



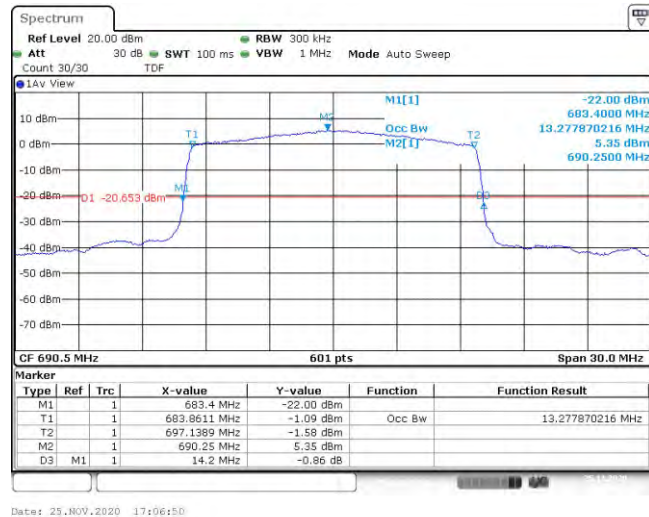
Band71-15MHz-QPSK-133197-75RB#0-13.328



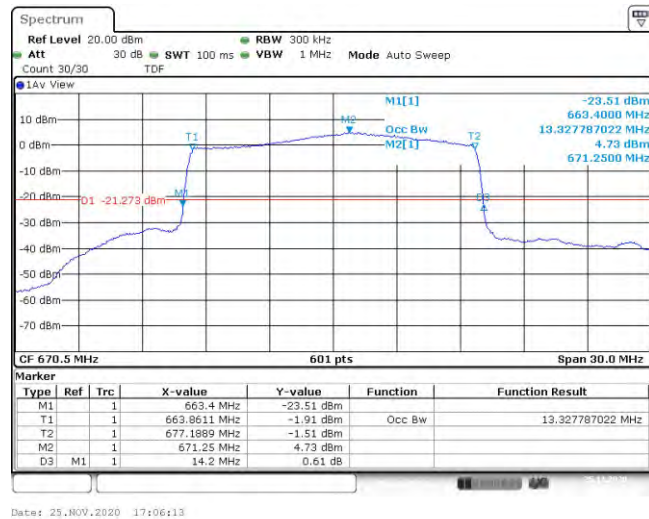
Band71-15MHz-QPSK-133297-75RB#0-13.577



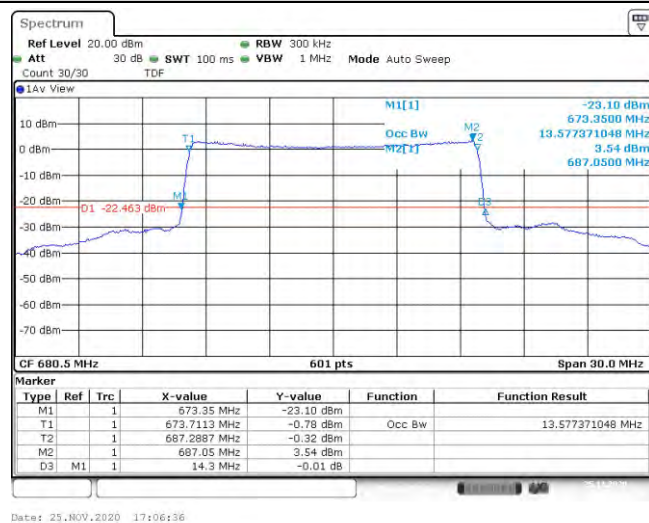
Band71-15MHz-QPSK-133397-75RB#0-13.278



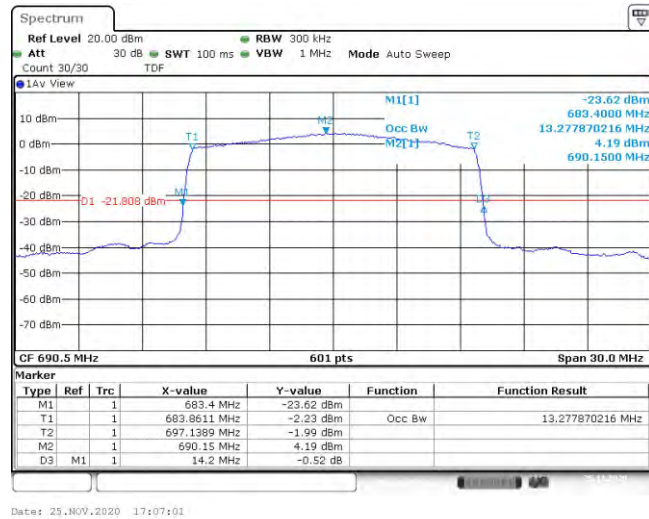
Band71-15MHz-16QAM-133197-75RB#0-13.328



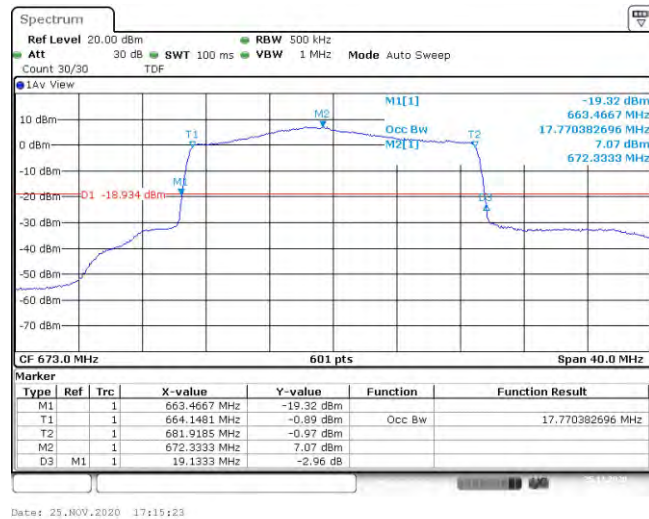
Band71-15MHz-16QAM-133297-75RB#0-13.577



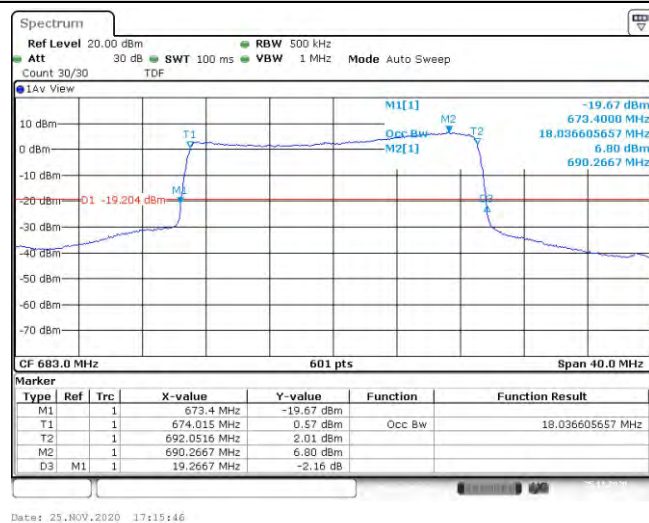
Band71-15MHz-16QAM-133397-75RB#0-13.278



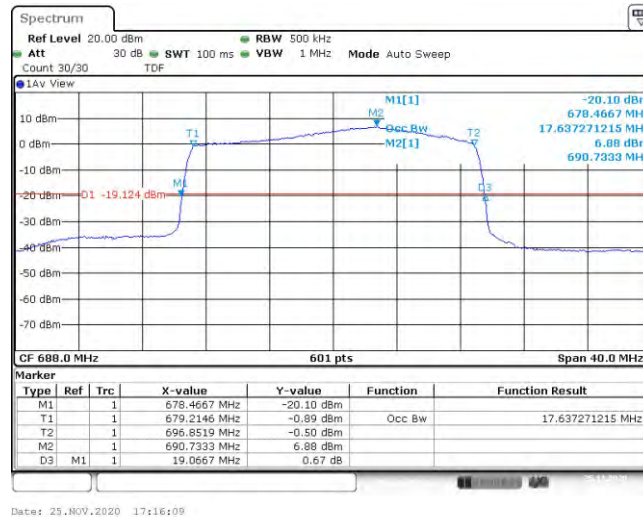
Band71-20MHz-QPSK-133222-100RB#0-17.77



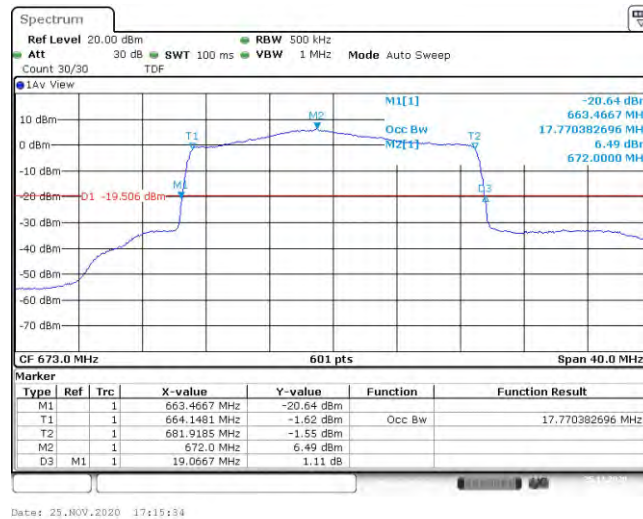
Band71-20MHz-QPSK-133322-100RB#0-18.037



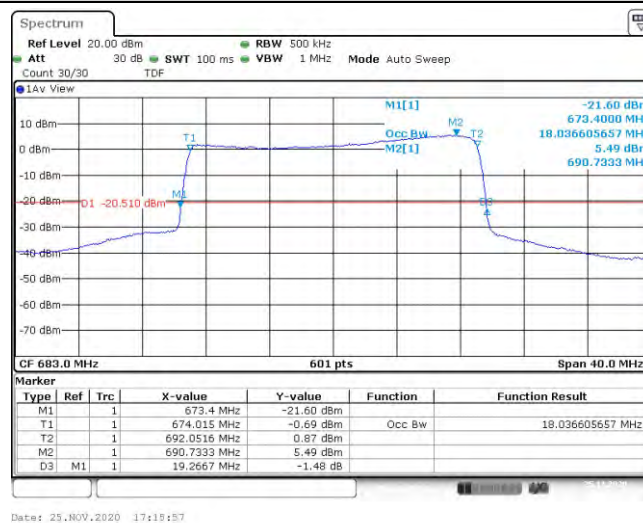
Band71-20MHz-QPSK-133372-100RB#0-17.637



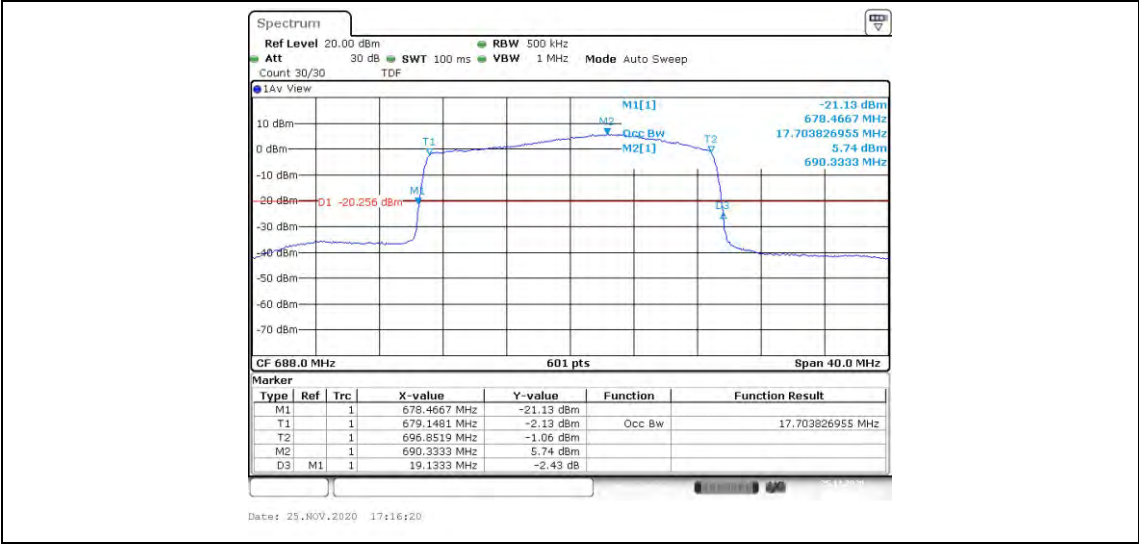
Band71-20MHz-16QAM-133222-100RB#0-17.77



Band71-20MHz-16QAM-133322-100RB#0-18.037



Band71-20MHz-16QAM-133372-100RB#0-17.704

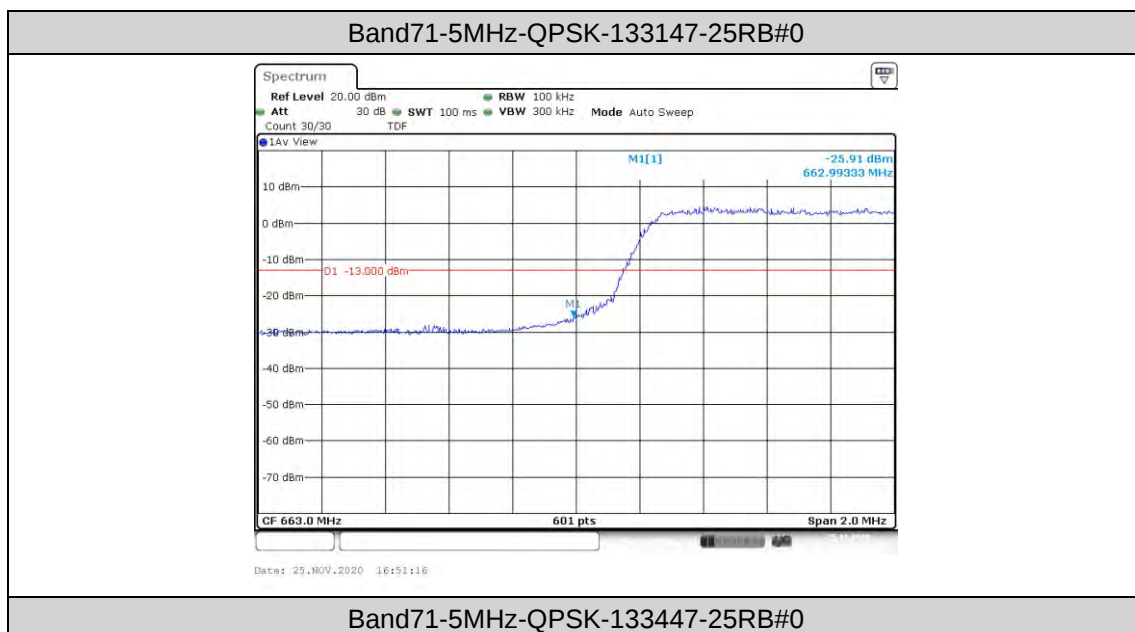


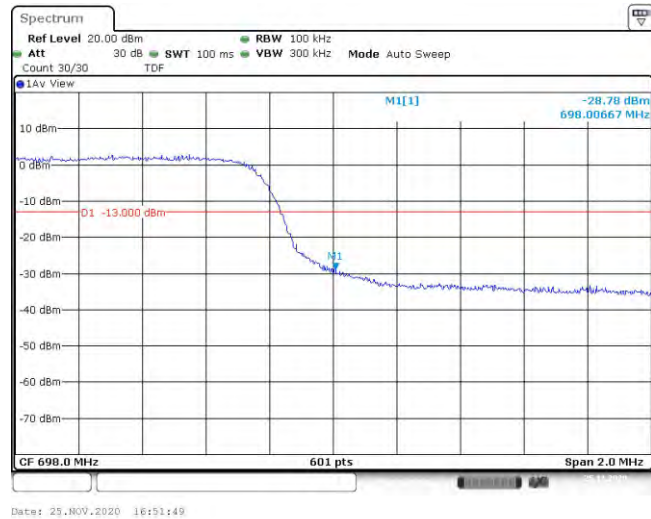
Appendix D: Band Edge

Test Result

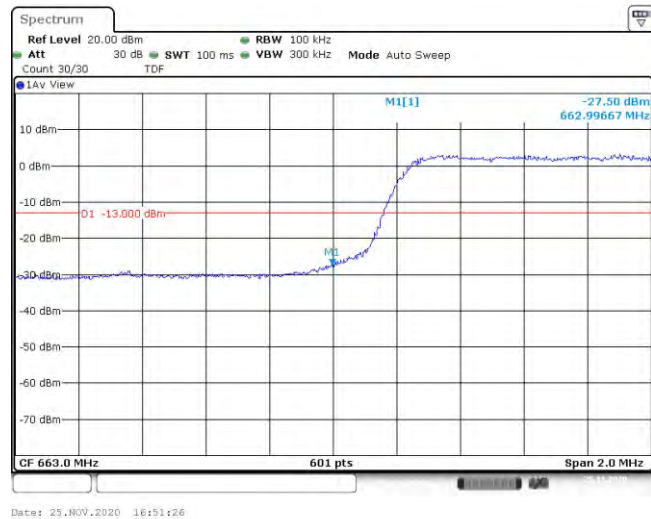
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-25.91	PASS
Band71	5MHz	QPSK	133447	25RB#0	-28.78	PASS
Band71	5MHz	16QAM	133147	25RB#0	-27.50	PASS
Band71	5MHz	16QAM	133447	25RB#0	-30.01	PASS
Band71	10MHz	QPSK	133172	50RB#0	-30.14	PASS
Band71	10MHz	QPSK	133422	50RB#0	-34.34	PASS
Band71	10MHz	16QAM	133172	50RB#0	-32.26	PASS
Band71	10MHz	16QAM	133422	50RB#0	-35.79	PASS
Band71	15MHz	QPSK	133197	75RB#0	-30.27	PASS
Band71	15MHz	QPSK	133397	75RB#0	-35.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	-31.88	PASS
Band71	15MHz	16QAM	133397	75RB#0	-37.55	PASS
Band71	20MHz	QPSK	133222	100RB#0	-31.82	PASS
Band71	20MHz	QPSK	133372	100RB#0	-35.19	PASS
Band71	20MHz	16QAM	133222	100RB#0	-33.46	PASS
Band71	20MHz	16QAM	133372	100RB#0	-36.53	PASS

Test Graphs





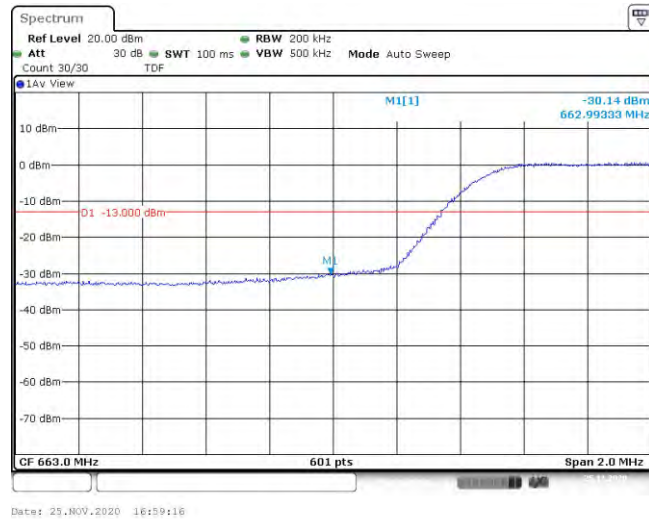
Band71-5MHz-16QAM-133147-25RB#0



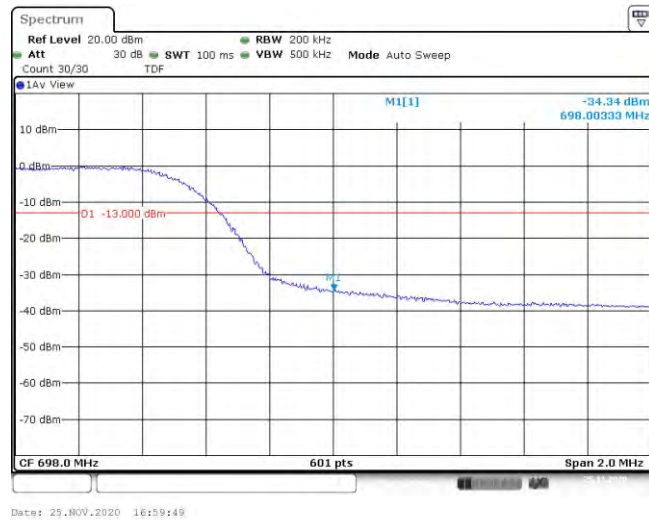
Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0



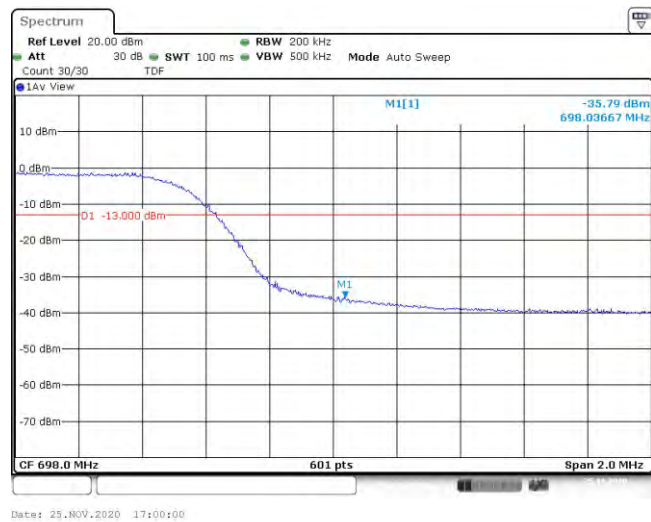
Band71-10MHz-QPSK-133422-50RB#0



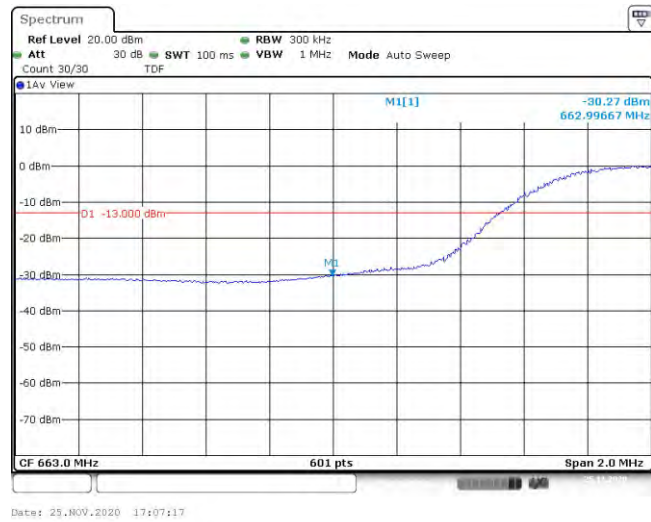
Band71-10MHz-16QAM-133172-50RB#0



Band71-10MHz-16QAM-133422-50RB#0



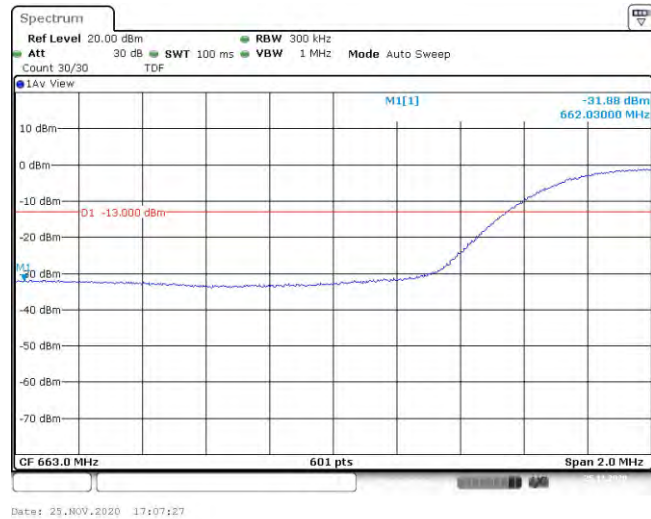
Band71-15MHz-QPSK-133197-75RB#0



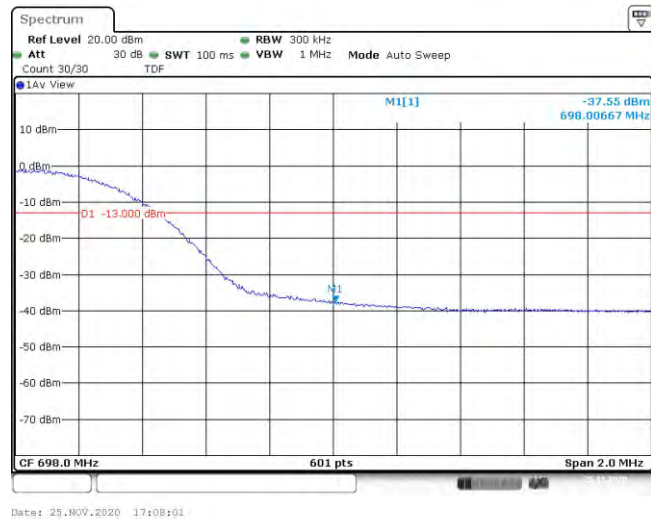
Band71-15MHz-QPSK-133397-75RB#0



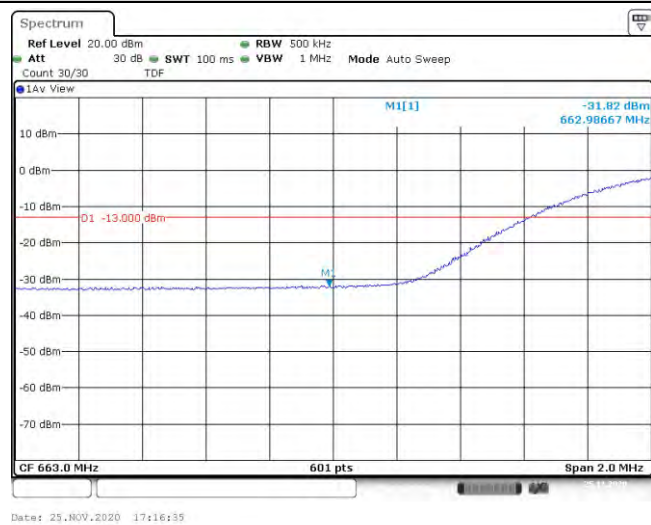
Band71-15MHz-16QAM-133197-75RB#0



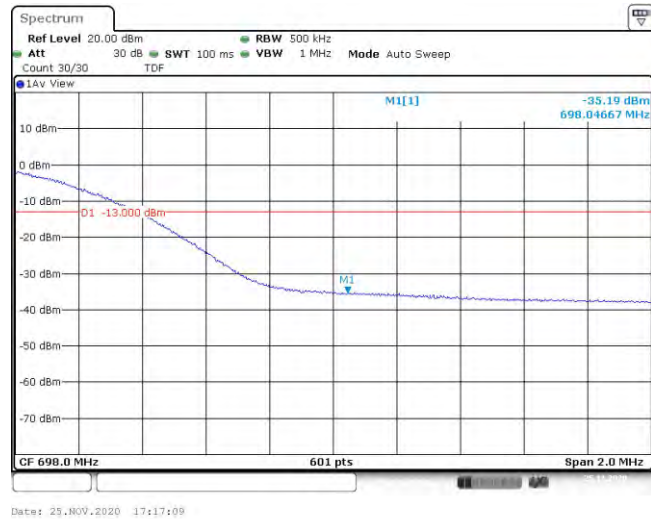
Band71-15MHz-16QAM-133397-75RB#0



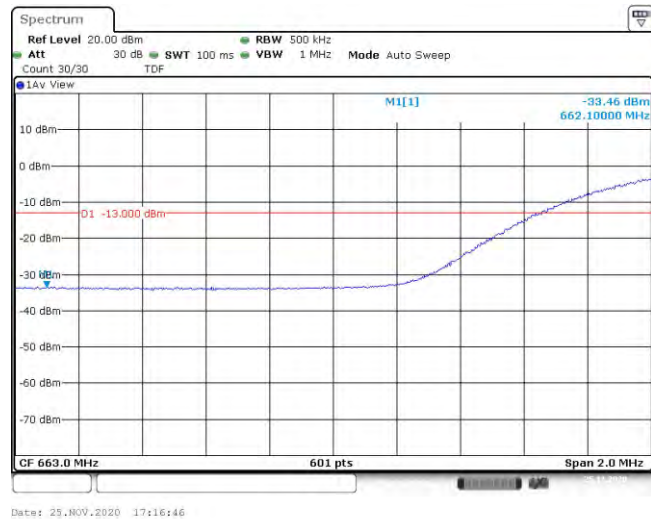
Band71-20MHz-QPSK-133222-100RB#0



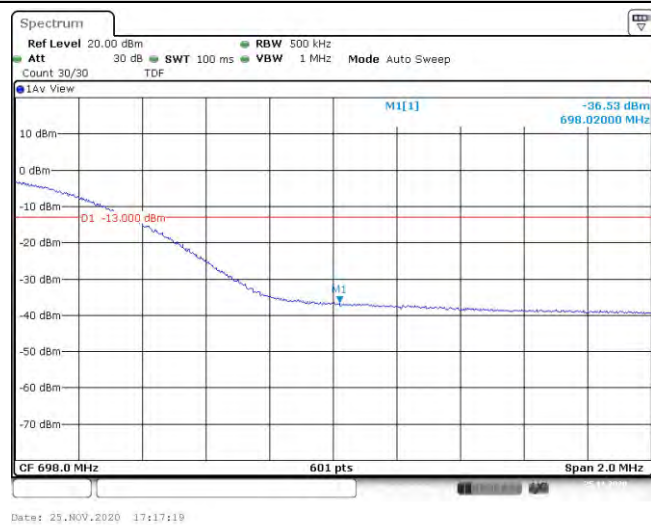
Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



Appendix E: Conducted Spurious Emission

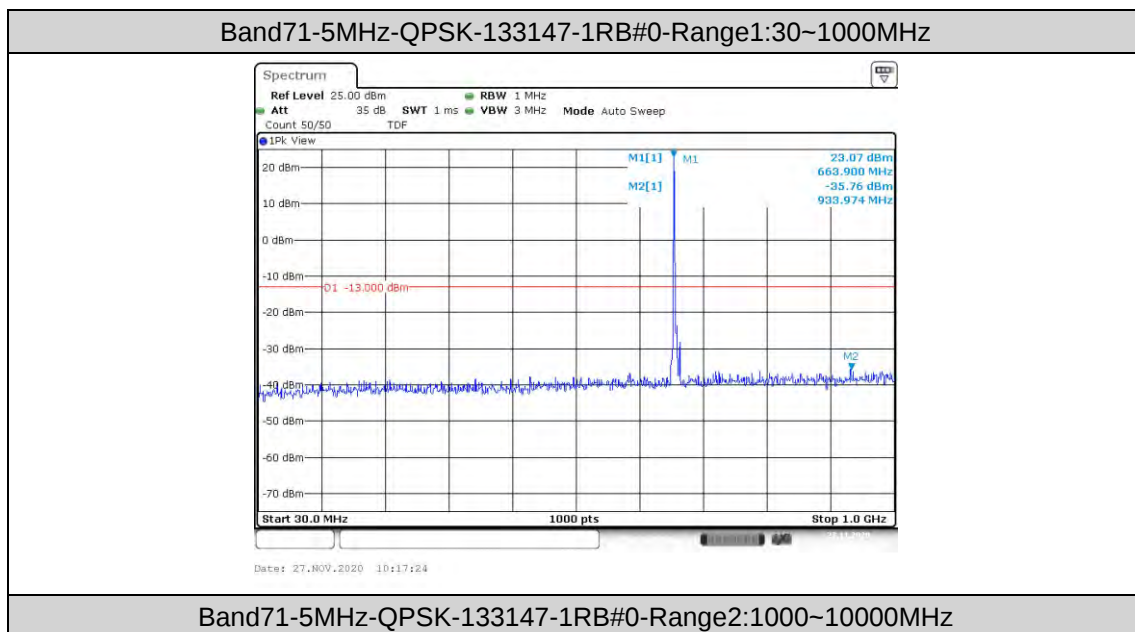
Test Result

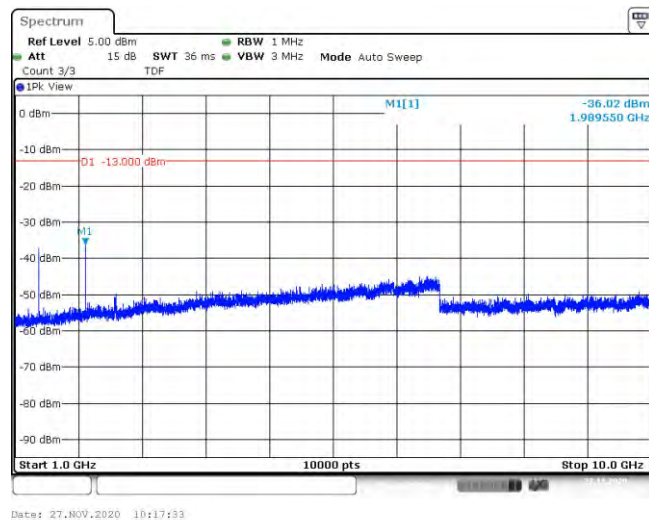
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7 1	5MHz	QPSK	13314 7	1RB#0	Range1:30~1000MHz	-35.7 6	PAS S
Band7 1	5MHz	QPSK	13314 7	1RB#0	Range2:1000~10000M Hz	-36.0 2	PAS S
Band7 1	5MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-35.7 4	PAS S
Band7 1	5MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-36.1 2	PAS S
Band7 1	5MHz	QPSK	13344 7	1RB#0	Range1:30~1000MHz	-35.3 6	PAS S
Band7 1	5MHz	QPSK	13344 7	1RB#0	Range2:1000~10000M Hz	-38.1 2	PAS S
Band7 1	5MHz	16QAM	13314 7	1RB#0	Range1:30~1000MHz	-35.6 4	PAS S
Band7 1	5MHz	16QAM	13314 7	1RB#0	Range2:1000~10000M Hz	-37.7 9	PAS S
Band7 1	5MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-35.6 3	PAS S
Band7 1	5MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-37.4 7	PAS S
Band7 1	5MHz	16QAM	13344 7	1RB#0	Range1:30~1000MHz	-35.8	PAS S
Band7 1	5MHz	16QAM	13344 7	1RB#0	Range2:1000~10000M Hz	-39.3 7	PAS S
Band7 1	10MHz	QPSK	13317 2	1RB#0	Range1:30~1000MHz	-35.0 8	PAS S
Band7 1	10MHz	QPSK	13317 2	1RB#0	Range2:1000~10000M Hz	-36.5 6	PAS S
Band7 1	10MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-35.0 1	PAS S
Band7 1	10MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-36.2 7	PAS S
Band7 1	10MHz	QPSK	13342 2	1RB#0	Range1:30~1000MHz	-35.4	PAS S
Band7	10MHz	QPSK	13342	1RB#0	Range2:1000~10000M	-37.1	PAS

1			2		Hz	6	S
Band7 1	10MHz	16QAM	13317 2	1RB#0	Range1:30~1000MHz	-35.5	PAS S
Band7 1	10MHz	16QAM	13317 2	1RB#0	Range2:1000~10000M Hz	-37.2	PAS S
Band7 1	10MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-35.3 3	PAS S
Band7 1	10MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-37.7 4	PAS S
Band7 1	10MHz	16QAM	13342 2	1RB#0	Range1:30~1000MHz	-35.7 6	PAS S
Band7 1	10MHz	16QAM	13342 2	1RB#0	Range2:1000~10000M Hz	-35.8 1	PAS S
Band7 1	15MHz	QPSK	13319 7	1RB#0	Range1:30~1000MHz	-35.1 5	PAS S
Band7 1	15MHz	QPSK	13319 7	1RB#0	Range2:1000~10000M Hz	-35.4 8	PAS S
Band7 1	15MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-35.9 6	PAS S
Band7 1	15MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-35.5 1	PAS S
Band7 1	15MHz	QPSK	13339 7	1RB#0	Range1:30~1000MHz	-34.5 2	PAS S
Band7 1	15MHz	QPSK	13339 7	1RB#0	Range2:1000~10000M Hz	-34.5 1	PAS S
Band7 1	15MHz	16QAM	13319 7	1RB#0	Range1:30~1000MHz	-35.9 8	PAS S
Band7 1	15MHz	16QAM	13319 7	1RB#0	Range2:1000~10000M Hz	-37.3 7	PAS S
Band7 1	15MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-35.8 9	PAS S
Band7 1	15MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-33.8 3	PAS S
Band7 1	15MHz	16QAM	13339 7	1RB#0	Range1:30~1000MHz	-34.6 7	PAS S
Band7 1	15MHz	16QAM	13339 7	1RB#0	Range2:1000~10000M Hz	-34.8 6	PAS S
Band7 1	20MHz	QPSK	13322 2	1RB#0	Range1:30~1000MHz	-34.9 9	PAS S
Band7 1	20MHz	QPSK	13322 2	1RB#0	Range2:1000~10000M Hz	-36.4 2	PAS S
Band7 1	20MHz	QPSK	13332 2	1RB#0	Range1:30~1000MHz	-35.4 8	PAS S

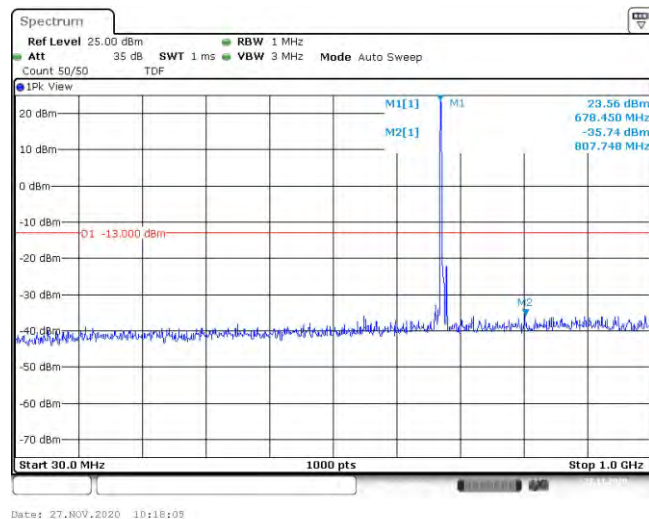
Band7 1	20MHz	QPSK	13332 2	1RB#0	Range2:1000~10000M Hz	-34.4 2	PAS S
Band7 1	20MHz	QPSK	13337 2	1RB#0	Range1:30~1000MHz	-35.4 2	PAS S
Band7 1	20MHz	QPSK	13337 2	1RB#0	Range2:1000~10000M Hz	-35.7 5	PAS S
Band7 1	20MHz	16QAM	13322 2	1RB#0	Range1:30~1000MHz	-35.6 8	PAS S
Band7 1	20MHz	16QAM	13322 2	1RB#0	Range2:1000~10000M Hz	-36.6 2	PAS S
Band7 1	20MHz	16QAM	13332 2	1RB#0	Range1:30~1000MHz	-35.9 5	PAS S
Band7 1	20MHz	16QAM	13332 2	1RB#0	Range2:1000~10000M Hz	-36.4 5	PAS S
Band7 1	20MHz	16QAM	13337 2	1RB#0	Range1:30~1000MHz	-35.6 5	PAS S
Band7 1	20MHz	16QAM	13337 2	1RB#0	Range2:1000~10000M Hz	-37.1 6	PAS S

Test Graphs

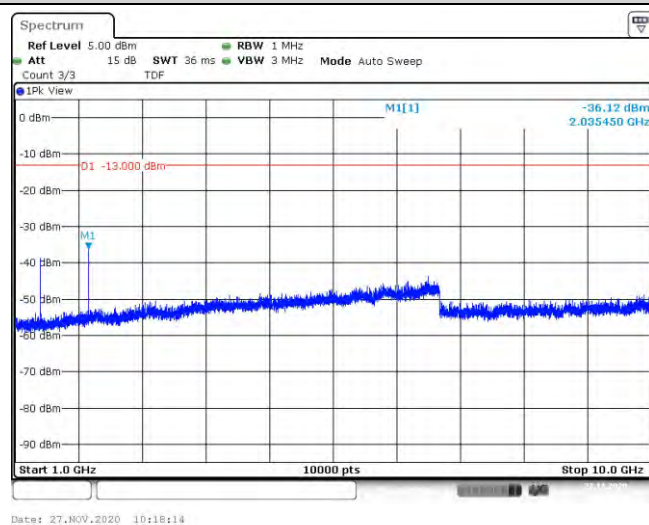




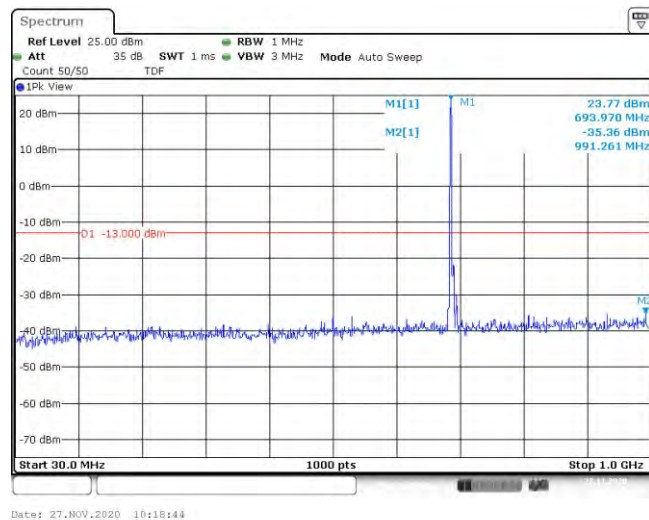
Band71-5MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



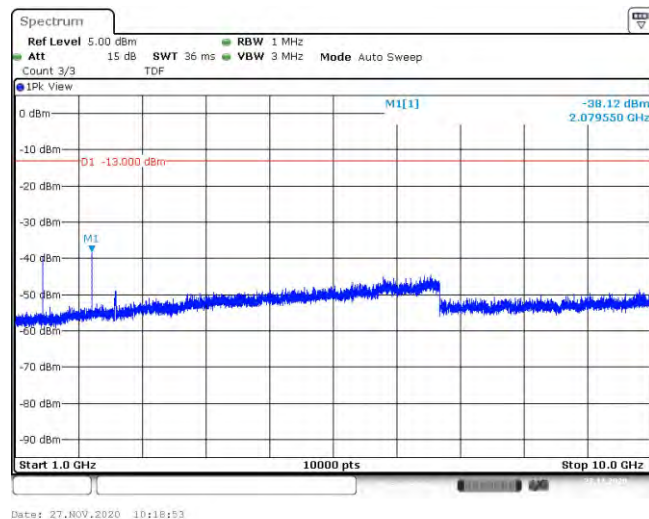
Band71-5MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



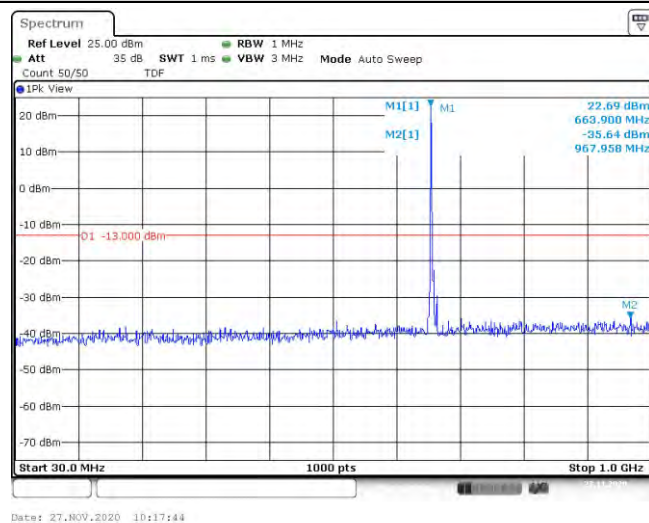
Band71-5MHz-QPSK-133447-1RB#0-Range1:30~1000MHz



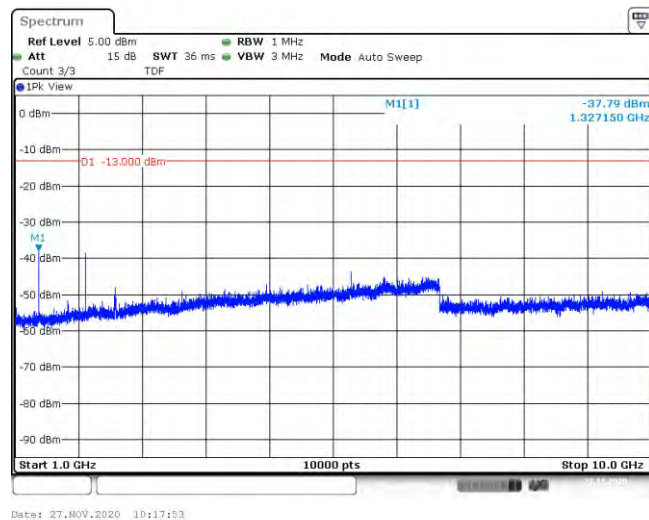
Band71-5MHz-QPSK-133447-1RB#0-Range2:1000~10000MHz



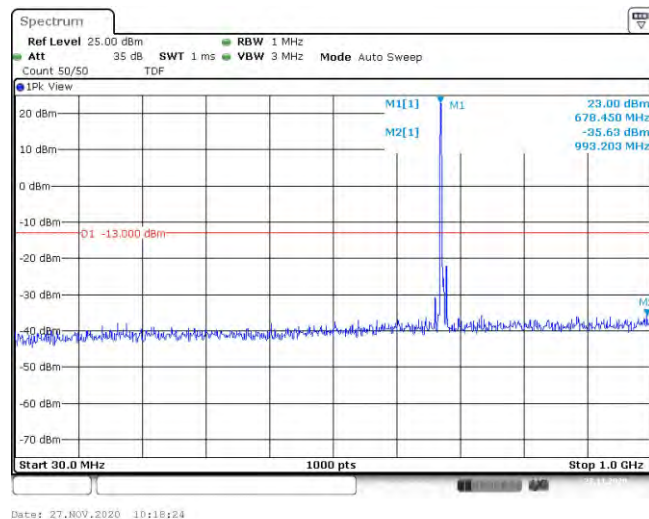
Band71-5MHz-16QAM-133147-1RB#0-Range1:30~1000MHz



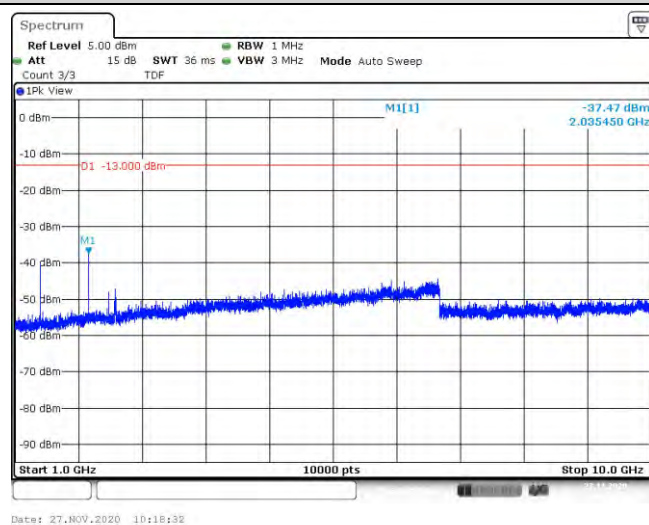
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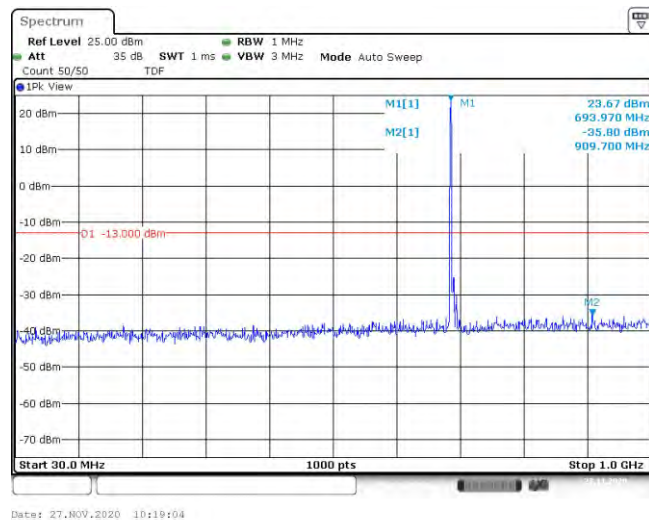
Band71-5MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



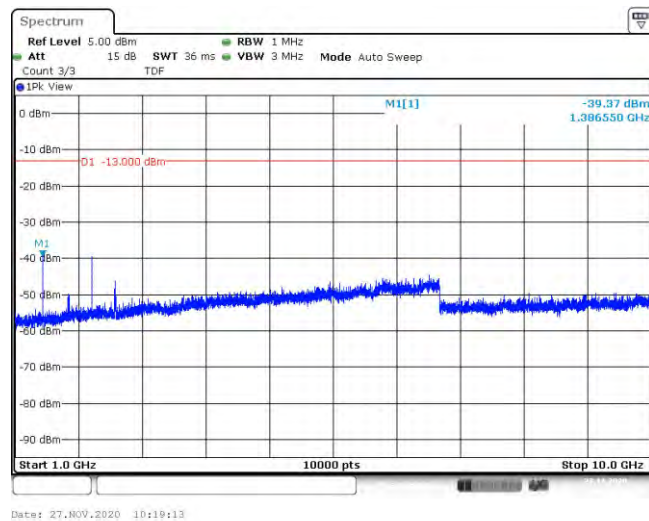
Band71-5MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



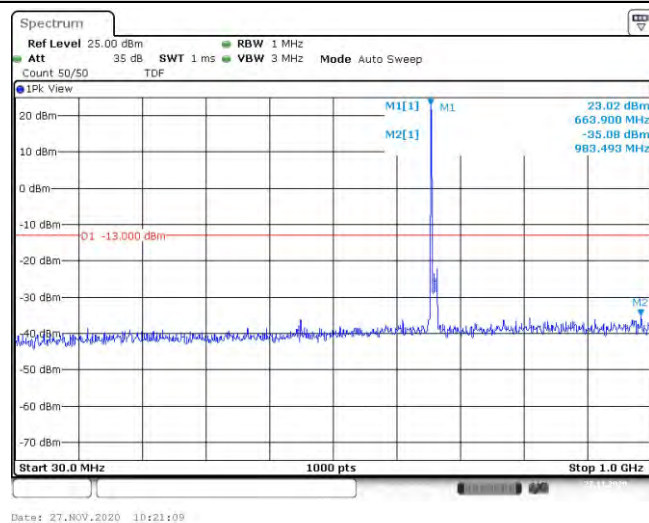
Band71-5MHz-16QAM-133447-1RB#0-Range1:30~1000MHz



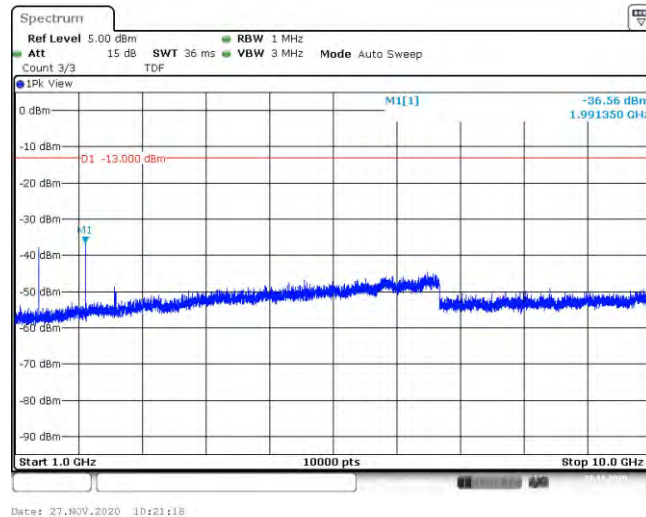
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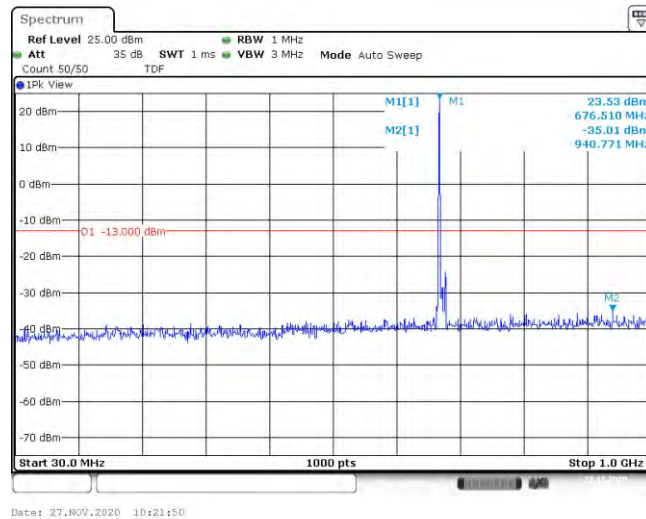
Band71-10MHz-QPSK-133172-1RB#0-Range1:30~1000MHz



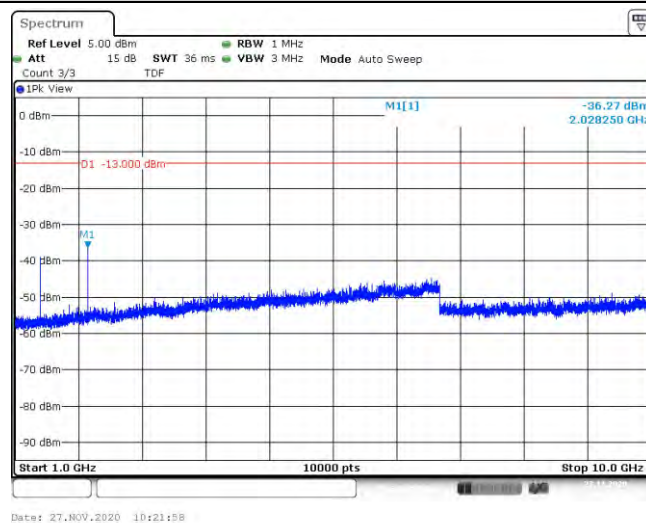
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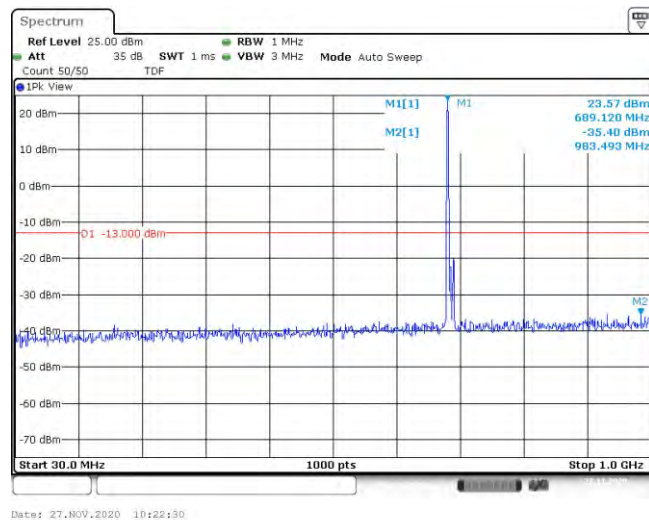
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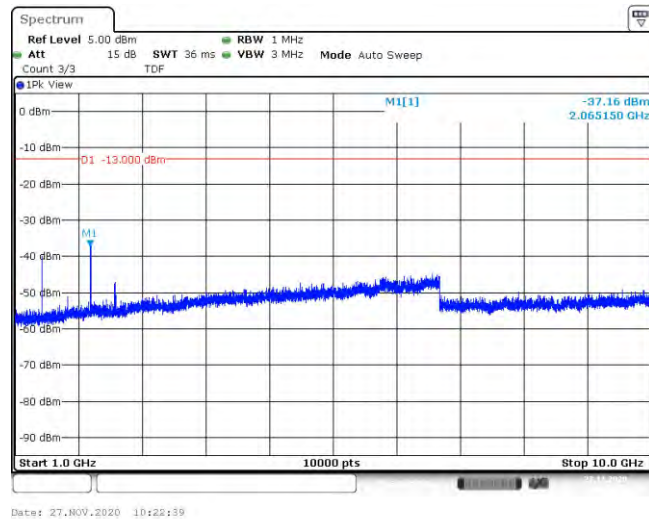
Band71-10MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



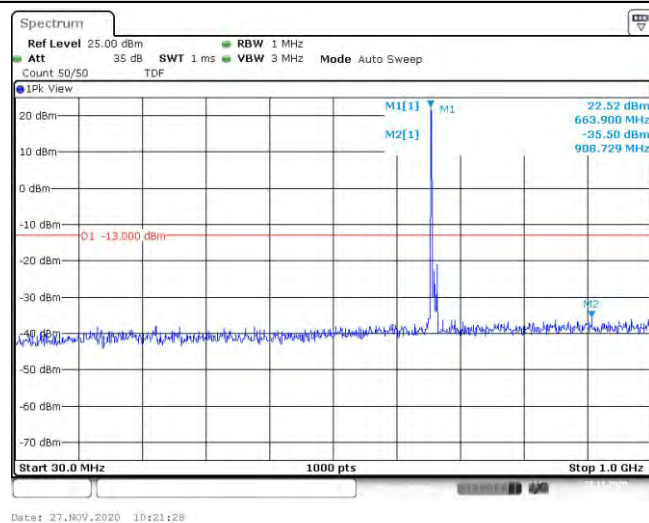
Band71-10MHz-QPSK-133422-1RB#0-Range1:30~1000MHz



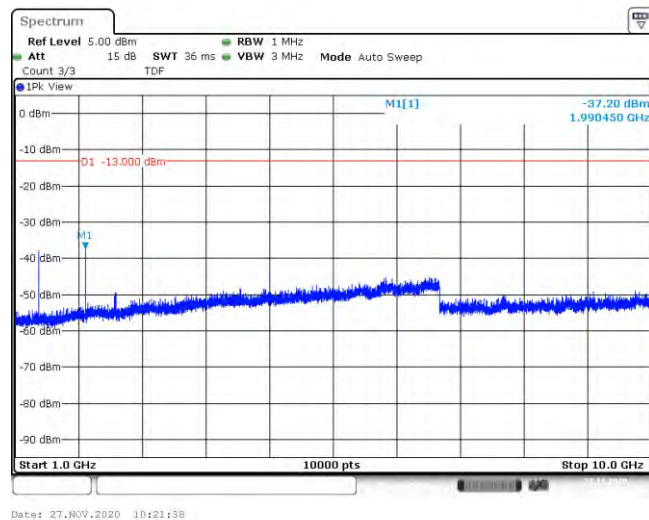
Band71-10MHz-QPSK-133422-1RB#0-Range2:1000~10000MHz



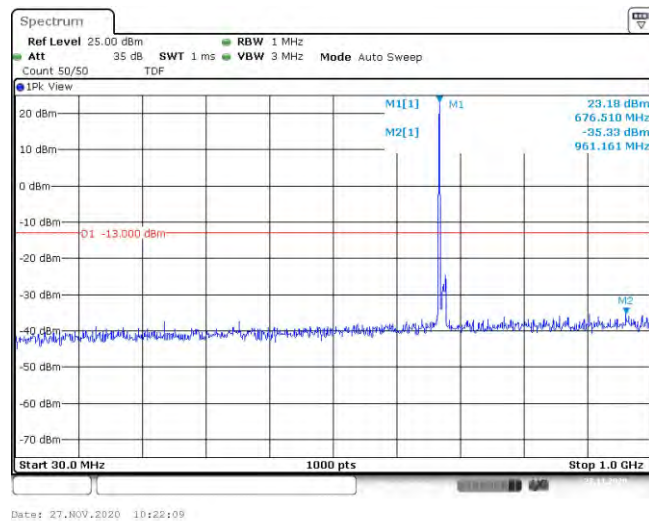
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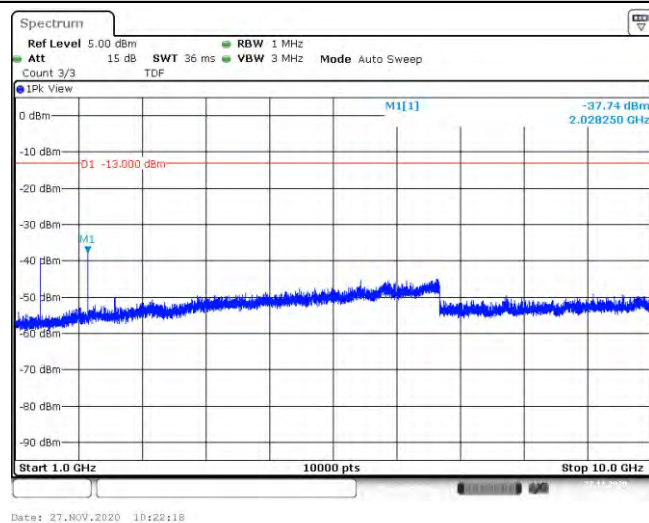
Band71-10MHz-16QAM-133172-1RB#0-Range2:1000~10000MHz



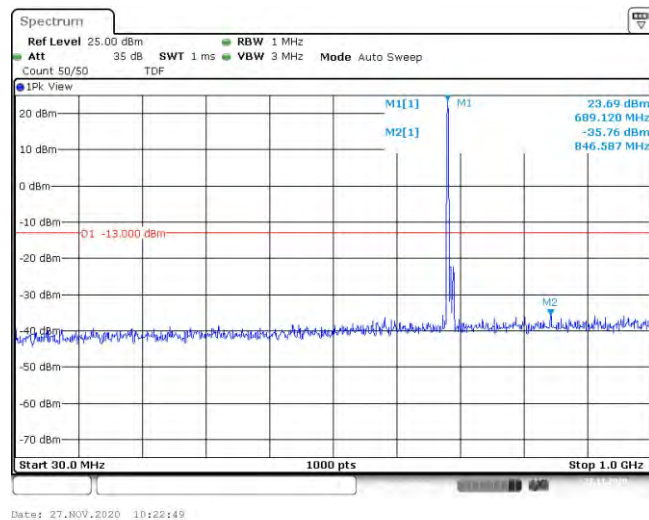
Band71-10MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



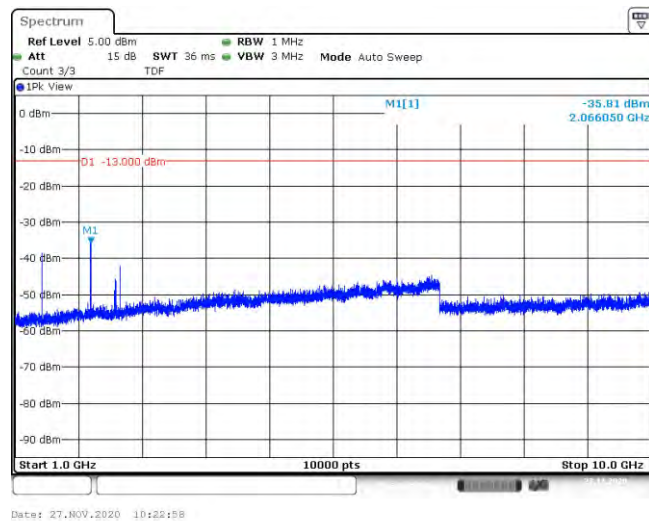
Band71-10MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



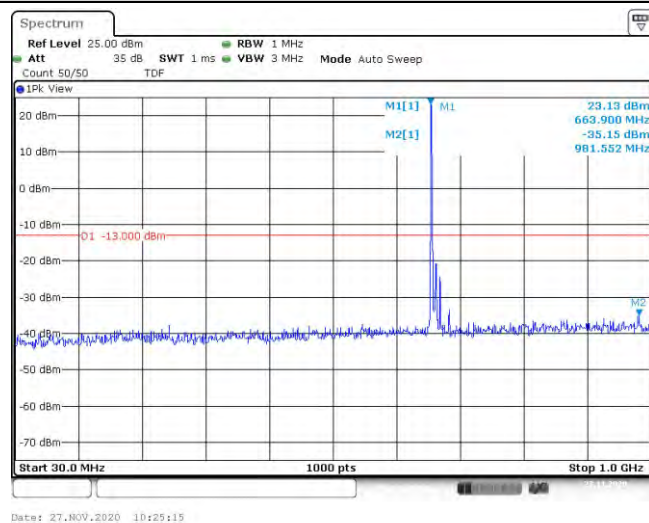
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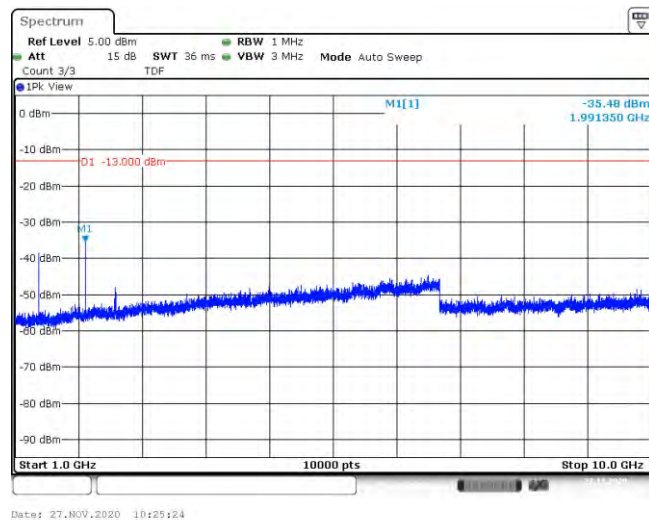
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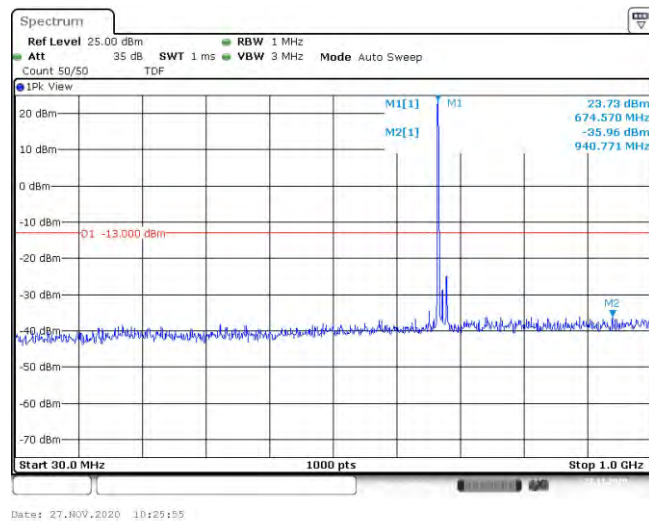
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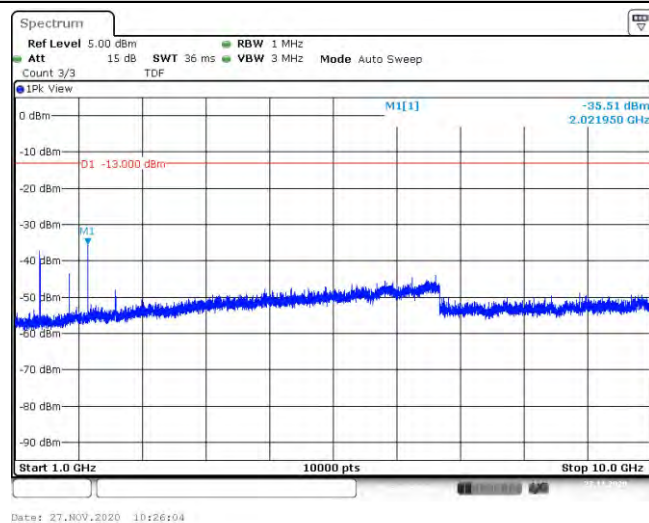
Band71-15MHz-QPSK-133197-1RB#0-Range2:1000~10000MHz



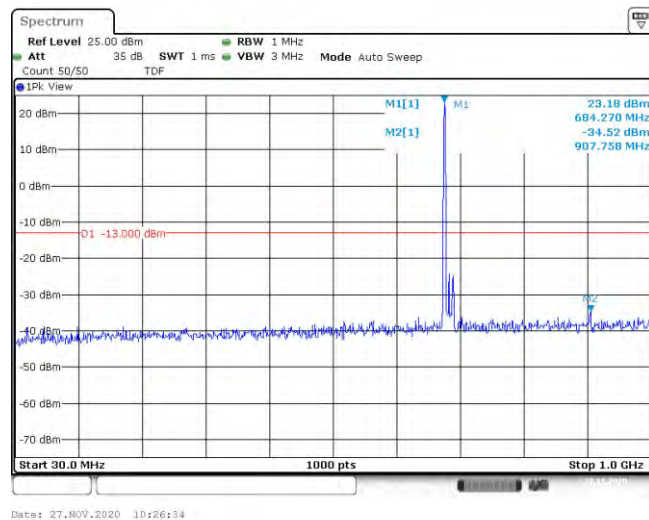
Band71-15MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



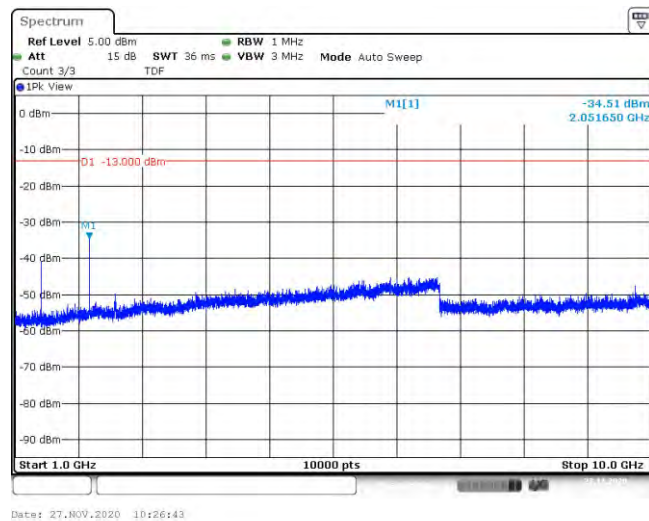
Band71-15MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



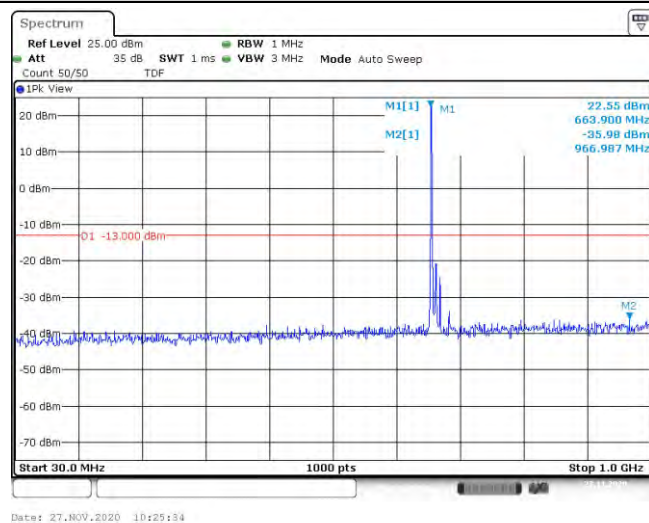
Band71-15MHz-QPSK-133397-1RB#0-Range1:30~1000MHz



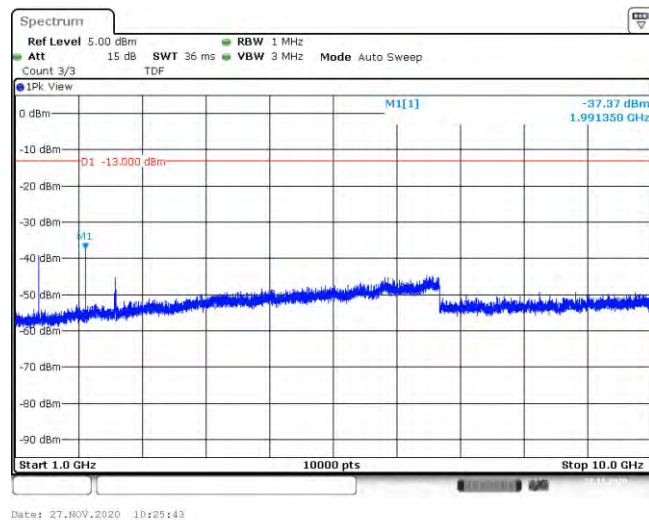
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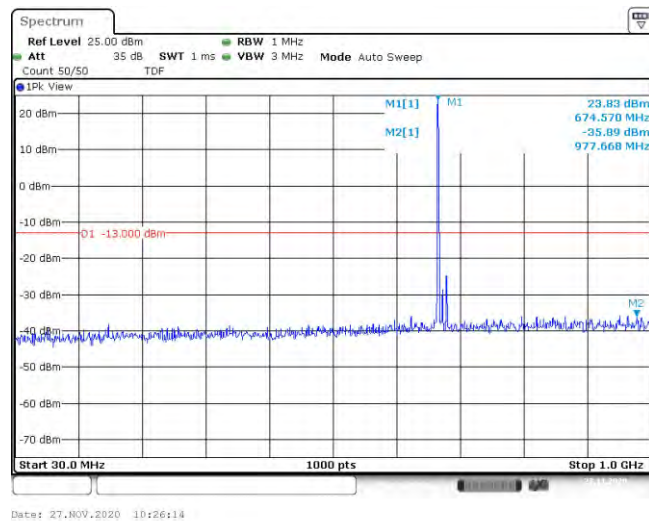
Band71-15MHz-16QAM-133197-1RB#0-Range1:30~1000MHz



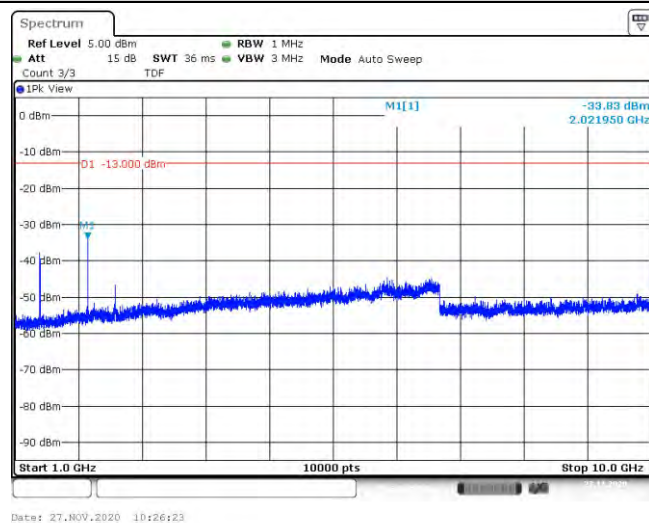
Band71-15MHz-16QAM-133197-1RB#0-Range2:1000~10000MHz



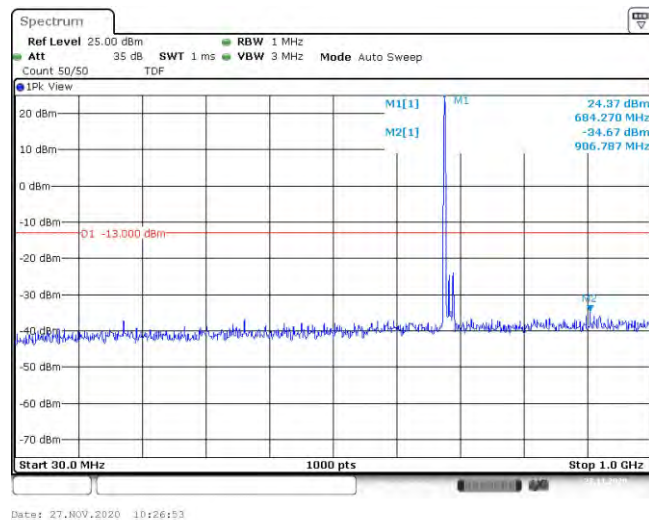
Band71-15MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



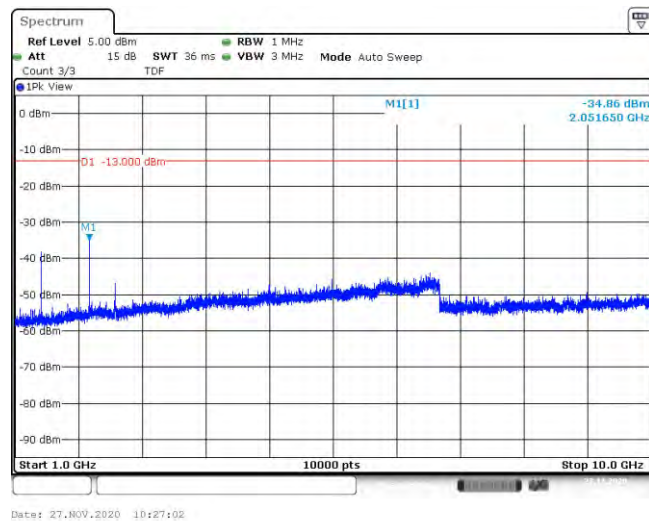
Band71-15MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



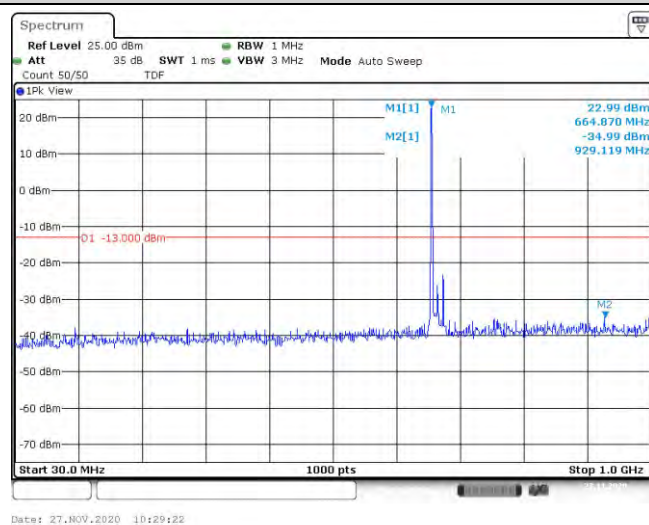
Band71-15MHz-16QAM-133397-1RB#0-Range1:30~1000MHz



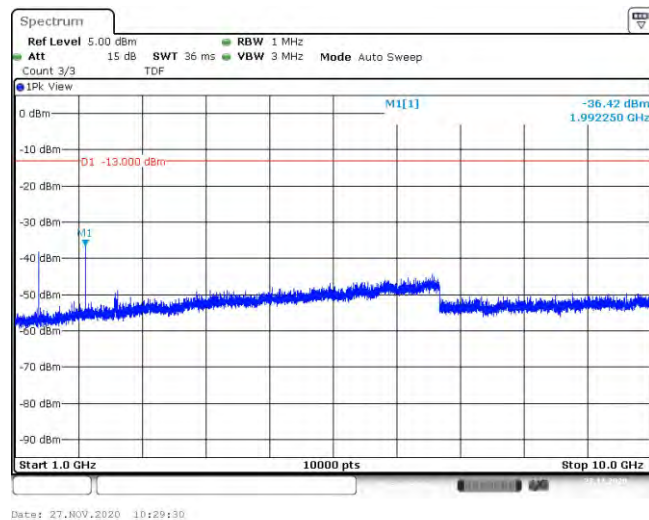
Band71-15MHz-16QAM-133397-1RB#0-Range2:1000~10000MHz



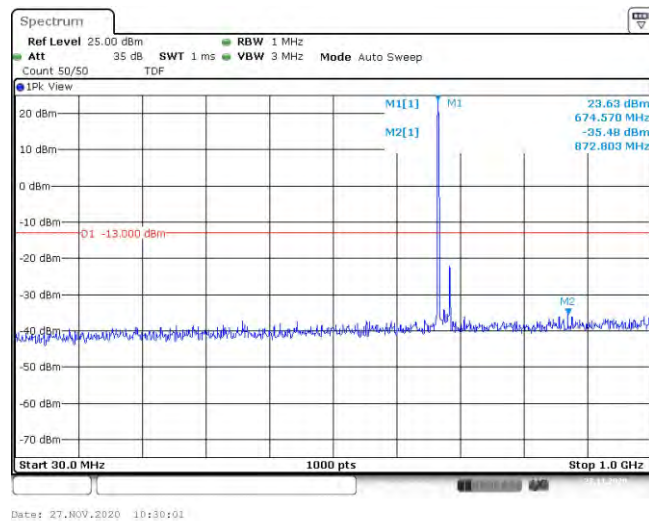
Band71-20MHz-QPSK-133222-1RB#0-Range1:30~1000MHz



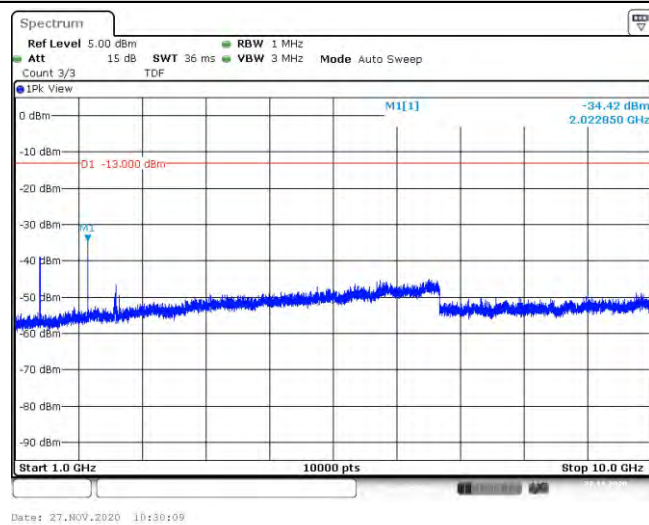
Band71-20MHz-QPSK-133222-1RB#0-Range2:1000~10000MHz



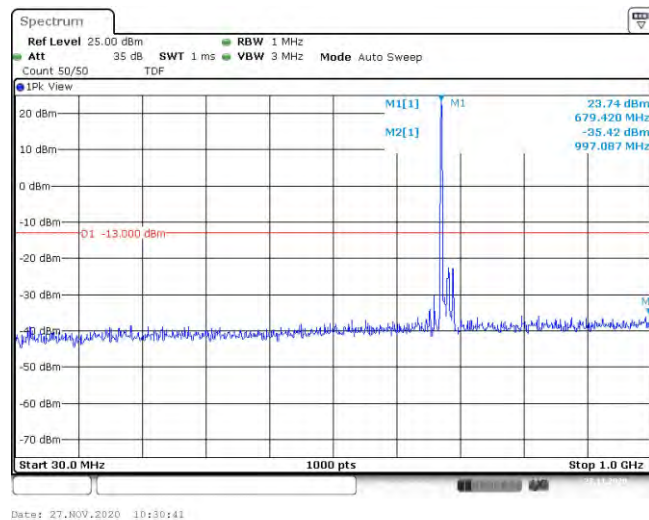
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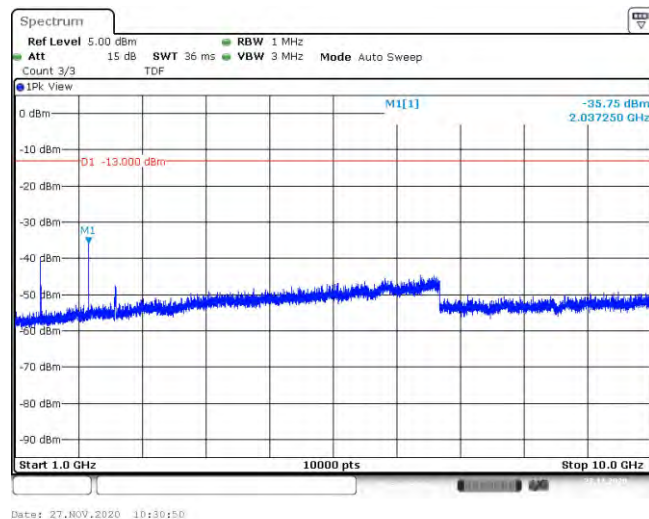
Band71-20MHz-QPSK-133322-1RB#0-Range2:1000~10000MHz



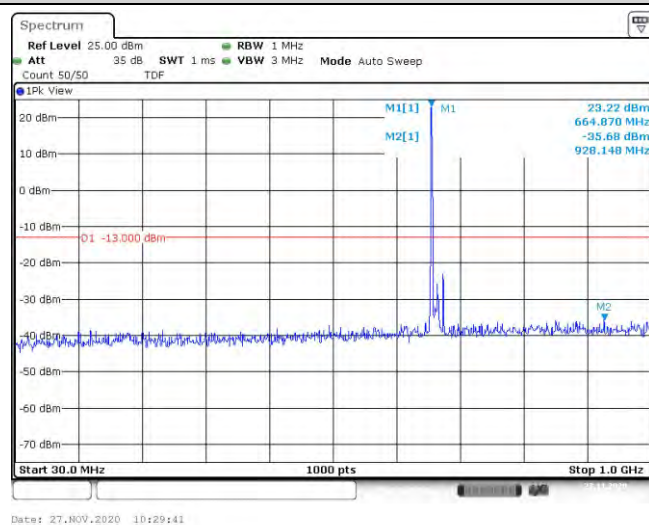
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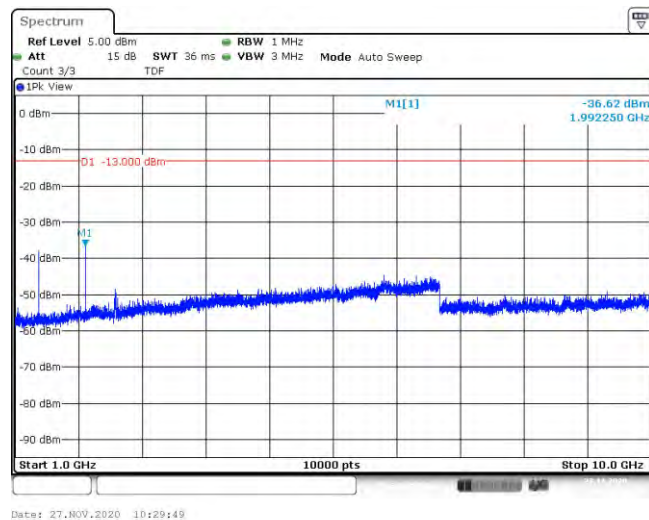
Band71-20MHz-QPSK-133372-1RB#0-Range2:1000~10000MHz



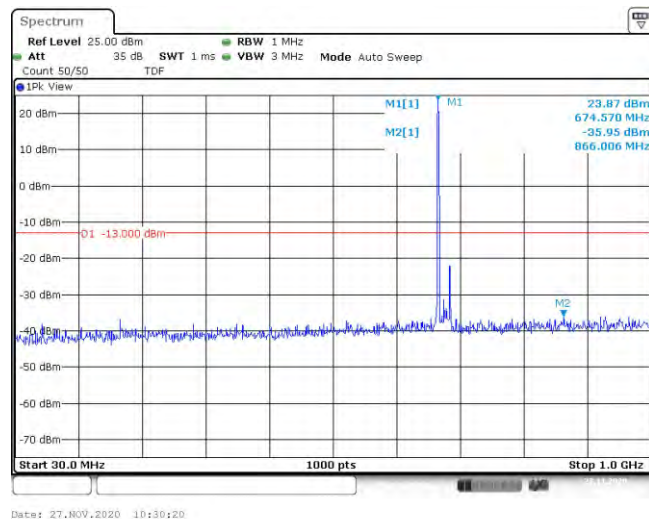
Band71-20MHz-16QAM-133222-1RB#0-Range1:30~1000MHz



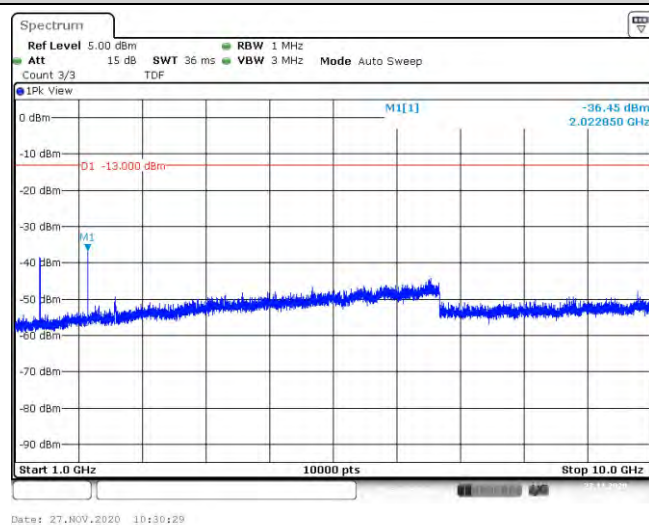
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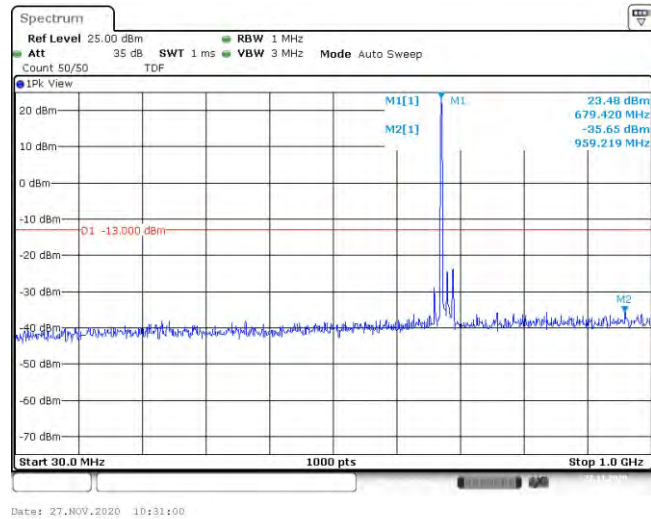
Band71-20MHz-16QAM-133322-1RB#0-Range1:30~1000MHz



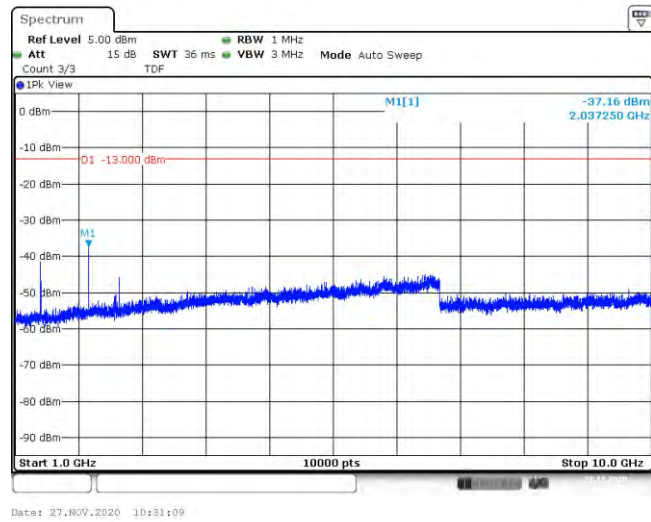
Band71-20MHz-16QAM-133322-1RB#0-Range2:1000~10000MHz



Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz



Band71-20MHz-16QAM-133372-1RB#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)				
Band7 1	5MHz	QPSK	13314 7	25RB#0	VL	NT	-2.10	-0.003156	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	VN	NT	1.44	0.002164	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	VH	NT	-2.02	-0.003035	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	VL	NT	-3.02	-0.004438	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	VN	NT	-4.06	-0.005966	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	VH	NT	-2.47	-0.003630	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	VL	NT	-3.52	-0.005061	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	VN	NT	2.47	0.003551	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	VH	NT	-1.63	-0.002344	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	VL	NT	-4.42	-0.006642	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	VN	NT	-3.19	-0.004793	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	VH	NT	-3.50	-0.005259	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	VL	NT	-2.16	-0.003174	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	VN	NT	-2.78	-0.004085	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	VH	NT	-3.02	-0.004438	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	VL	NT	2.22	0.003192	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	VN	NT	-3.93	-0.005651	±2.5	PASS
Band7	5MHz	16QAM	13344	25RB#0	VH	NT	-2.83	-0.004069	±2.5	PASS

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Band7 1	10MHz	QPSK	13317 2	50RB#0	VL	NT	-3.99	-0.005973	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	VN	NT	-3.02	-0.004521	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	VH	NT	-4.61	-0.006901	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VL	NT	-4.58	-0.006730	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VN	NT	1.62	0.002381	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VH	NT	-4.35	-0.006392	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VL	NT	-1.92	-0.002771	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VN	NT	-3.76	-0.005426	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VH	NT	-3.00	-0.004329	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VL	NT	-3.89	-0.005823	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VN	NT	-3.10	-0.004641	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VH	NT	-3.00	-0.004491	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VL	NT	-2.03	-0.002983	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VN	NT	-3.62	-0.005320	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VH	NT	2.33	0.003424	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VL	NT	-1.96	-0.002828	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VN	NT	-2.40	-0.003463	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VH	NT	-2.36	-0.003405	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VL	NT	-5.39	-0.008039	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VN	NT	-2.89	-0.004310	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VH	NT	-4.95	-0.007383	±2.5	PASS

Band7 1	15MHz	QPSK	13329 7	75RB#0	VL	NT	-2.93	-0.004306	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	VN	NT	-2.20	-0.003233	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	VH	NT	-2.50	-0.003674	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VL	NT	-2.85	-0.004127	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VN	NT	-1.99	-0.002882	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VH	NT	-3.55	-0.005141	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VL	NT	-2.78	-0.004146	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VN	NT	-3.49	-0.005205	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VH	NT	-2.10	-0.003132	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VL	NT	-3.83	-0.005628	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VN	NT	-1.97	-0.002895	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VH	NT	-3.35	-0.004923	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VL	NT	-4.59	-0.006647	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VN	NT	-4.61	-0.006676	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VH	NT	-3.50	-0.005069	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VL	NT	-3.25	-0.004829	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VN	NT	-3.26	-0.004844	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VH	NT	-3.79	-0.005632	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VL	NT	-4.84	-0.007086	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VN	NT	1.22	0.001786	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VH	NT	-3.25	-0.004758	±2.5	PASS
Band7	20MHz	QPSK	13337	100RB#0	VL	NT	-2.22	-0.003227	±2.5	PASS

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Band7 1	20MHz	QPSK	13337 2	100RB#0	VN	NT	-3.32	-0.004826	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	VH	NT	-4.53	-0.006584	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VL	NT	-3.30	-0.004903	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VN	NT	-3.72	-0.005527	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VH	NT	-2.82	-0.004190	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VL	NT	-4.61	-0.006750	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VN	NT	-2.43	-0.003558	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VH	NT	-3.35	-0.004905	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VL	NT	-5.72	-0.008314	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VN	NT	-2.56	-0.003721	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VH	NT	-2.95	-0.004288	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	-30	-2.80	-0.004207	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	-20	-2.85	-0.004282	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	0	-2.96	-0.004448	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	10	-5.21	-0.007829	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	20	-2.70	-0.004057	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	-30	2.36	0.003468	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	-20	-4.65	-0.006833	±2.5	PASS
Band7	5MHz	QPSK	13329	25RB#0	NV	0	-1.53	-0.002248	±2.5	PASS

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Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	10	-2.76	-0.004056	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	20	-2.30	-0.003380	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	-30	-3.58	-0.005147	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	-20	-3.26	-0.004687	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	0	-2.86	-0.004112	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	10	-2.43	-0.003494	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	20	3.38	0.004860	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	-30	-2.45	-0.003681	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	-20	-4.35	-0.006536	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	0	-5.39	-0.008099	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	10	-5.19	-0.007799	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	20	-2.57	-0.003862	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	-30	-2.73	-0.004012	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	-20	-3.09	-0.004541	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	0	-2.86	-0.004203	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	10	-1.67	-0.002454	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	20	-3.71	-0.005452	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	-30	-3.36	-0.004831	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	-20	-4.53	-0.006513	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	0	-3.66	-0.005262	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	10	-2.78	-0.003997	±2.5	PASS

Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	20	-2.09	-0.003005	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	-30	-4.49	-0.006722	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	-20	-4.05	-0.006063	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	0	-4.25	-0.006362	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	10	-3.62	-0.005419	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	20	-2.96	-0.004431	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	-30	-4.58	-0.006730	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	-20	-4.16	-0.006113	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	0	-4.25	-0.006245	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	10	-4.26	-0.006260	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	20	-3.73	-0.005481	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	-30	-4.28	-0.006176	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	-20	1.60	0.002309	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	0	-2.90	-0.004185	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	10	-2.30	-0.003319	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	20	-2.96	-0.004271	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	-30	-3.12	-0.004671	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	-20	-3.28	-0.004910	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	0	-2.70	-0.004042	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	10	-3.52	-0.005269	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	20	-2.92	-0.004371	±2.5	PASS
Band7	10MHz	16QAM	13329	50RB#0	NV	-30	-3.85	-0.005658	±2.5	PASS

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Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	-20	2.60	0.003821	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	0	-2.10	-0.003086	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	10	-2.13	-0.003130	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	20	-2.13	-0.003130	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	-30	3.66	0.005281	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	-20	-3.12	-0.004502	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	0	-3.42	-0.004935	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	10	-2.23	-0.003218	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	20	2.69	0.003882	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	-30	-5.75	-0.008576	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	-20	-5.18	-0.007726	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	0	-3.60	-0.005369	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	10	-3.91	-0.005831	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	20	-4.22	-0.006294	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	-30	-2.15	-0.003159	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	-20	-4.78	-0.007024	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	0	-2.96	-0.004350	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	10	-3.86	-0.005672	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	20	-4.58	-0.006730	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	-30	-3.38	-0.004895	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	-20	-2.07	-0.002998	±2.5	PASS

Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	0	-4.38	-0.006343	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	10	-3.49	-0.005054	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	20	-3.16	-0.004576	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	-30	-2.82	-0.004206	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	-20	-4.35	-0.006488	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	0	-3.03	-0.004519	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	10	-3.08	-0.004594	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	20	-3.39	-0.005056	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	-30	1.79	0.002630	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	-20	-2.76	-0.004056	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	0	-1.16	-0.001705	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	10	-3.22	-0.004732	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	20	-3.65	-0.005364	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	-30	1.79	0.002592	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	-20	-1.76	-0.002549	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	0	-3.45	-0.004996	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	10	-2.06	-0.002983	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	20	-2.45	-0.003548	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	-30	-4.11	-0.006107	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	-20	-2.25	-0.003343	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	0	-4.66	-0.006924	±2.5	PASS
Band7	20MHz	QPSK	13322	100RB#0	NV	10	-1.67	-0.002481	±2.5	PASS

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Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	20	-3.22	-0.004785	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	-30	-4.61	-0.006750	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	-20	-3.93	-0.005754	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	0	-2.56	-0.003748	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	10	-4.12	-0.006032	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	20	-4.68	-0.006852	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	-30	-4.95	-0.007195	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	-20	-3.33	-0.004840	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	0	-2.73	-0.003968	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	10	-3.18	-0.004622	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	20	-5.52	-0.008023	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	-30	-4.78	-0.007103	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	-20	-1.97	-0.002927	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	0	-5.11	-0.007593	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	10	-3.50	-0.005201	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	20	-3.32	-0.004933	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	-30	-2.93	-0.004290	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	-20	-3.66	-0.005359	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	0	-4.16	-0.006091	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	10	-1.26	-0.001845	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	20	-2.70	-0.003953	±2.5	PASS

Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	-30	-4.28	-0.006221	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	-20	-4.19	-0.006090	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	0	-4.42	-0.006424	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	10	-2.23	-0.003241	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	20	-2.93	-0.004259	±2.5	PASS