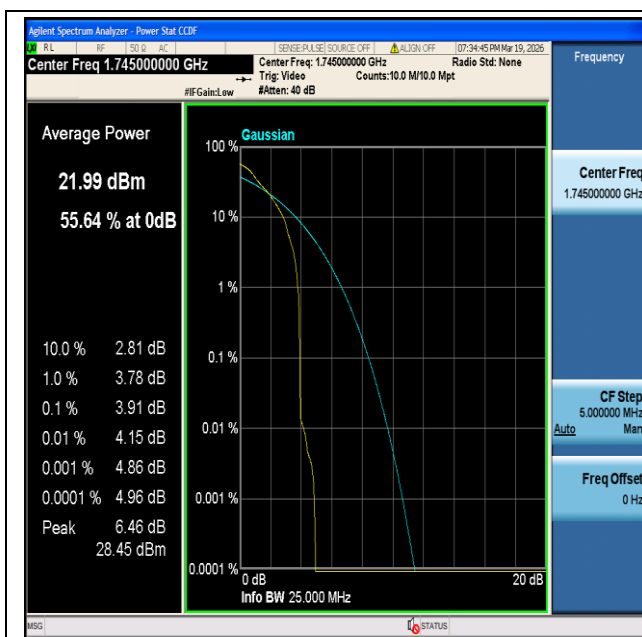
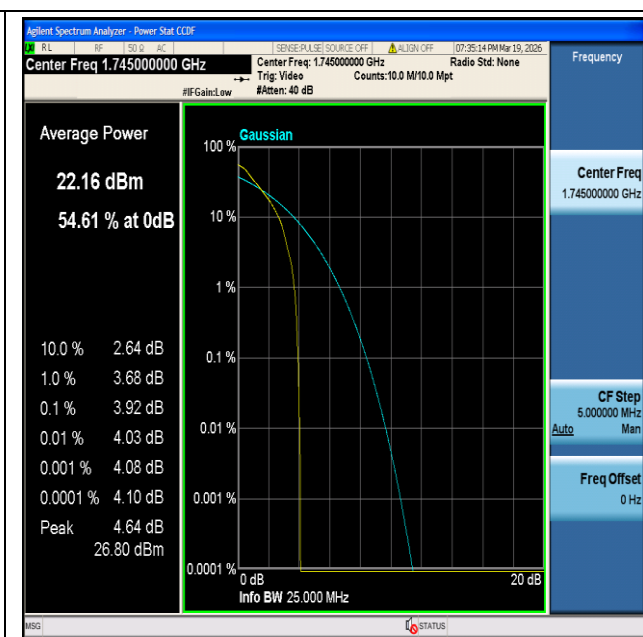
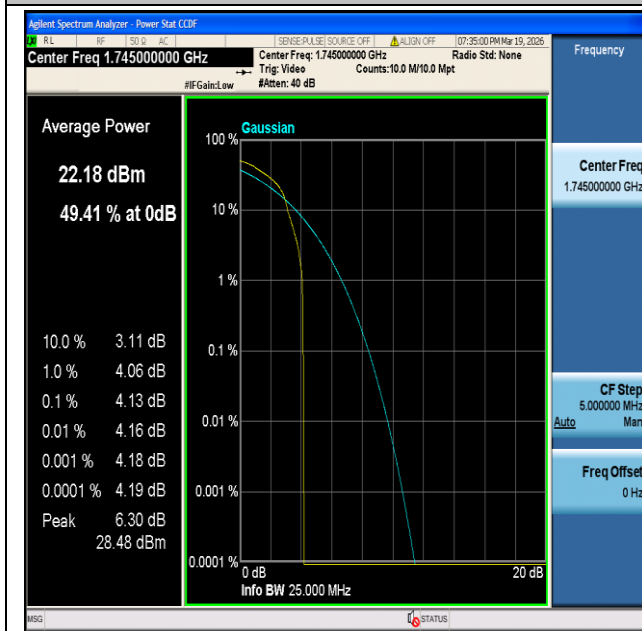




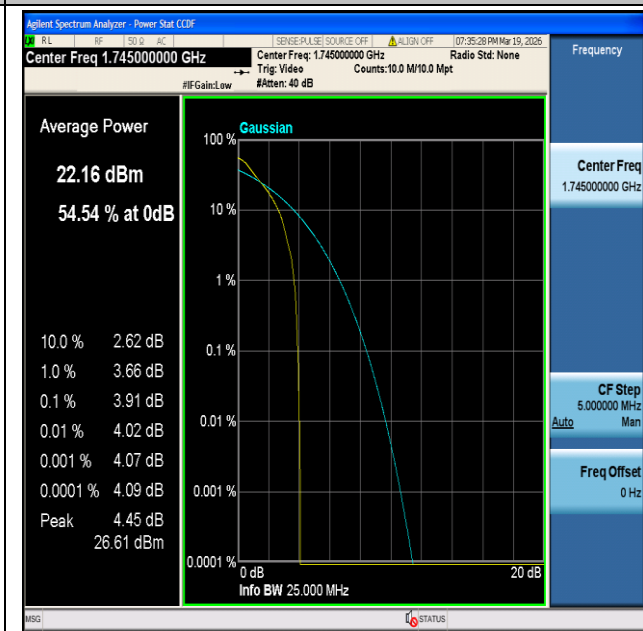
CatM1 Band4-20MHz-QPSK-20300-1#5-PASS



CatM1 Band4-20MHz-QPSK-20300-6#0-PASS



CatM1 Band4-20MHz-16QAM-20300-1#5-PASS



CatM1 Band4-20MHz-16QAM-20300-6#0-PASS

2.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

2.3.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
CatM1 Band4	1.4MHz	19957	QPSK	6	0	Low	1.0986	1.285	PASS
CatM1 Band4	1.4MHz	19957	16QAM	6	0	Low	1.0984	1.295	PASS
CatM1 Band4	1.4MHz	20175	QPSK	6	0	Low	1.0922	1.274	PASS
CatM1 Band4	1.4MHz	20175	16QAM	6	0	Low	1.0916	1.272	PASS
CatM1 Band4	1.4MHz	20393	QPSK	6	0	High	1.0906	1.284	PASS
CatM1 Band4	1.4MHz	20393	16QAM	6	0	High	1.0903	1.261	PASS
CatM1 Band4	3MHz	19965	QPSK	6	0	Low	1.1207	1.393	PASS
CatM1 Band4	3MHz	19965	16QAM	6	0	Low	1.1209	1.409	PASS
CatM1 Band4	3MHz	20175	QPSK	6	0	Low	1.1220	1.331	PASS
CatM1 Band4	3MHz	20175	16QAM	6	0	Low	1.1189	1.321	PASS
CatM1 Band4	3MHz	20385	QPSK	6	0	High	1.1221	1.338	PASS
CatM1 Band4	3MHz	20385	16QAM	6	0	High	1.1206	1.335	PASS
CatM1 Band4	5MHz	19975	QPSK	6	0	Low	1.2019	1.663	PASS
CatM1 Band4	5MHz	19975	16QAM	6	0	Low	1.2023	1.699	PASS
CatM1 Band4	5MHz	20175	QPSK	6	0	Low	1.1812	1.635	PASS
CatM1 Band4	5MHz	20175	16QAM	6	0	Low	1.1837	1.649	PASS
CatM1 Band4	5MHz	20375	QPSK	6	0	High	1.1929	1.462	PASS
CatM1 Band4	5MHz	20375	16QAM	6	0	High	1.1976	1.463	PASS
CatM1 Band4	10MHz	20000	QPSK	6	0	Low	1.4488	2.955	PASS
CatM1 Band4	10MHz	20000	16QAM	6	0	Low	1.5405	2.982	PASS
CatM1 Band4	10MHz	20175	QPSK	6	0	Low	1.3833	2.373	PASS
CatM1 Band4	10MHz	20175	16QAM	6	0	Low	1.4071	2.358	PASS
CatM1 Band4	10MHz	20350	QPSK	6	0	High	1.3799	2.080	PASS
CatM1 Band4	10MHz	20350	16QAM	6	0	High	1.3651	2.032	PASS
CatM1 Band4	15MHz	20025	QPSK	6	0	Low	2.0056	3.850	PASS
CatM1 Band4	15MHz	20025	16QAM	6	0	Low	1.9737	3.885	PASS
CatM1 Band4	15MHz	20175	QPSK	6	0	Low	1.8477	3.607	PASS
CatM1 Band4	15MHz	20175	16QAM	6	0	Low	1.8823	3.586	PASS
CatM1 Band4	15MHz	20325	QPSK	6	0	High	1.9082	3.756	PASS
CatM1 Band4	15MHz	20325	16QAM	6	0	High	1.8103	3.555	PASS
CatM1 Band4	20MHz	20050	QPSK	6	0	Low	2.8133	5.207	PASS
CatM1 Band4	20MHz	20050	16QAM	6	0	Low	2.8677	5.226	PASS
CatM1 Band4	20MHz	20175	QPSK	6	0	Low	2.7021	4.847	PASS
CatM1 Band4	20MHz	20175	16QAM	6	0	Low	2.7062	4.885	PASS
CatM1 Band4	20MHz	20300	QPSK	6	0	High	2.0689	4.342	PASS
CatM1 Band4	20MHz	20300	16QAM	6	0	High	2.1318	4.545	PASS

Note: No Limit.



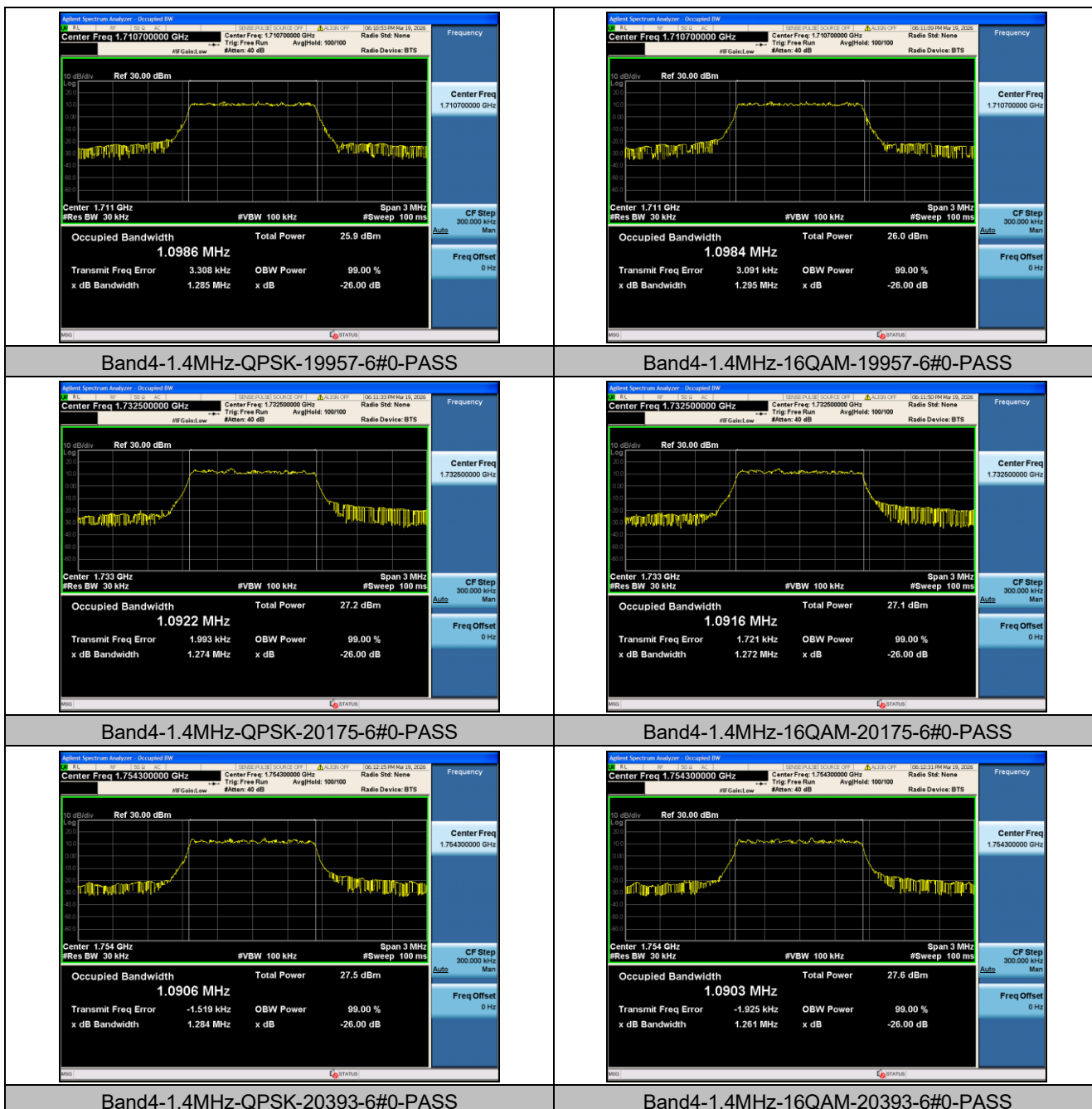
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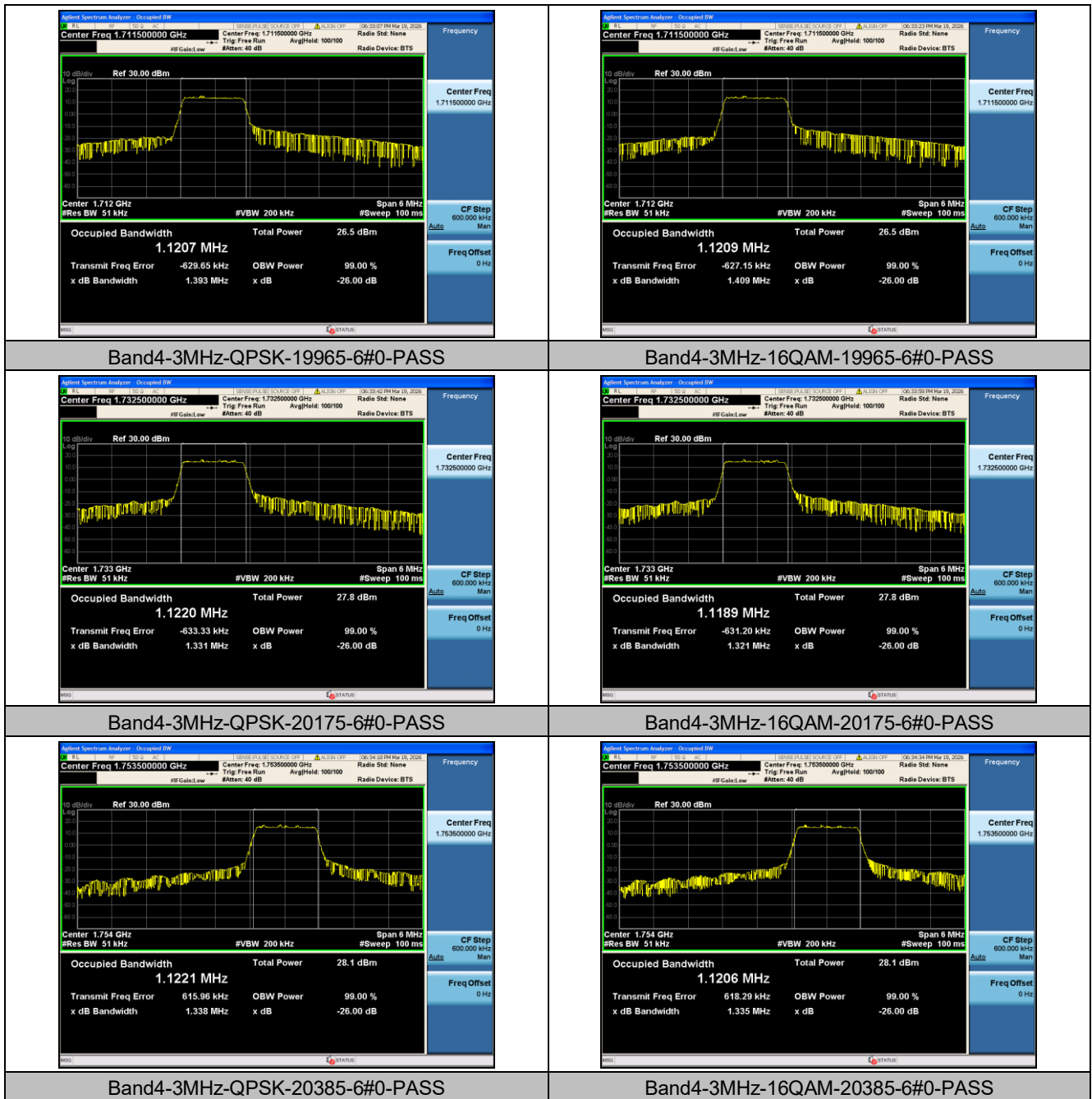
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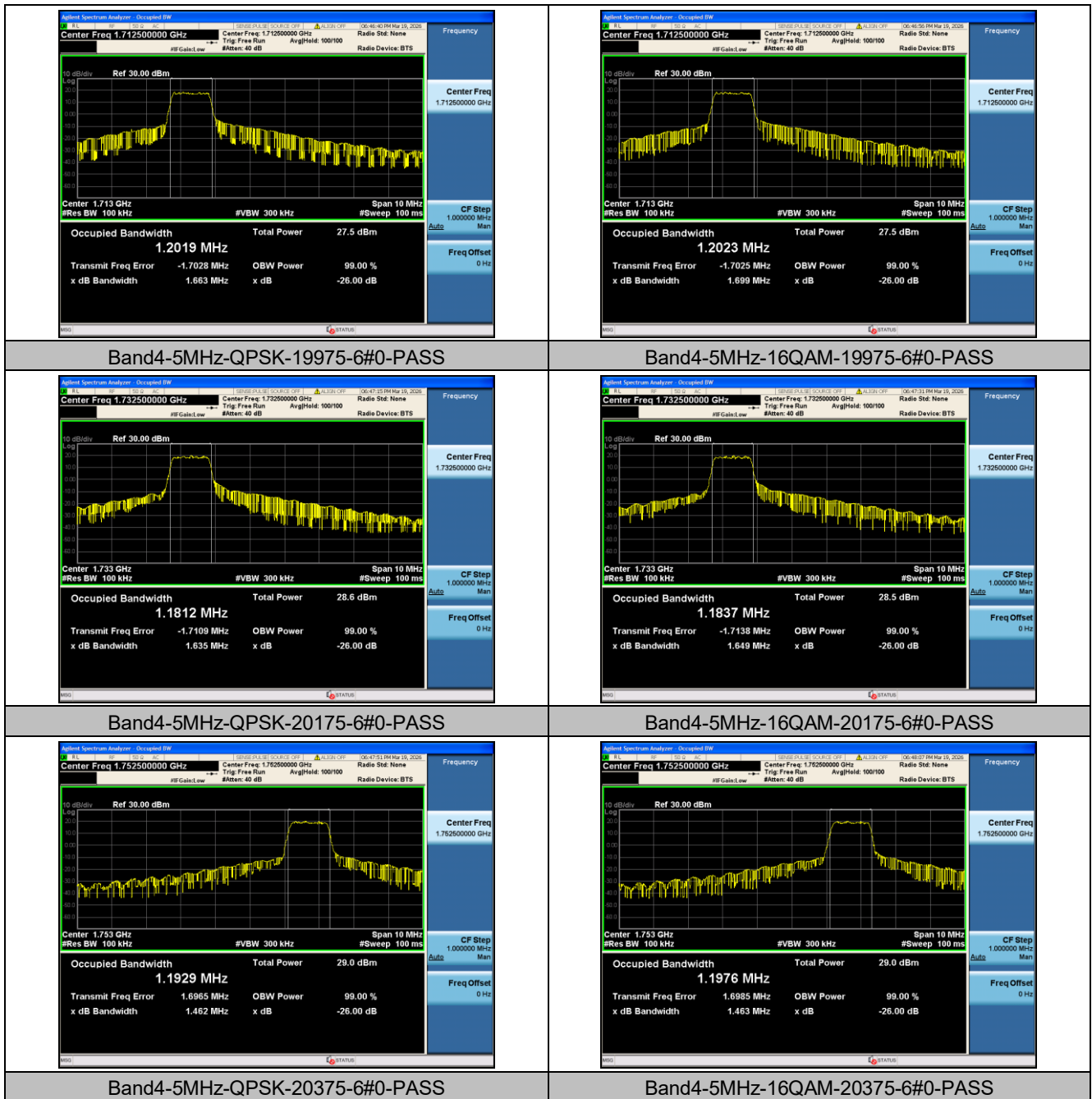
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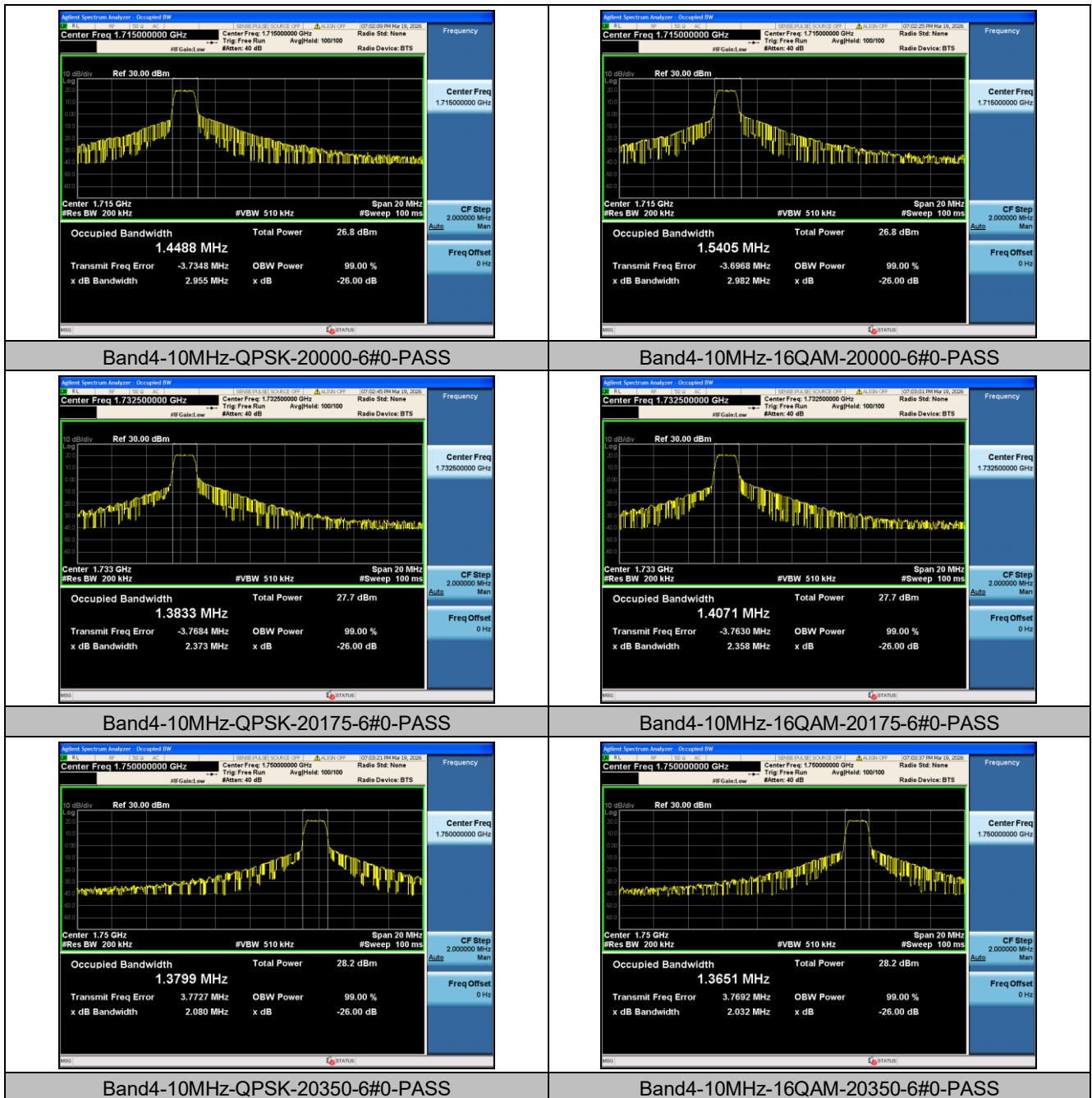
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

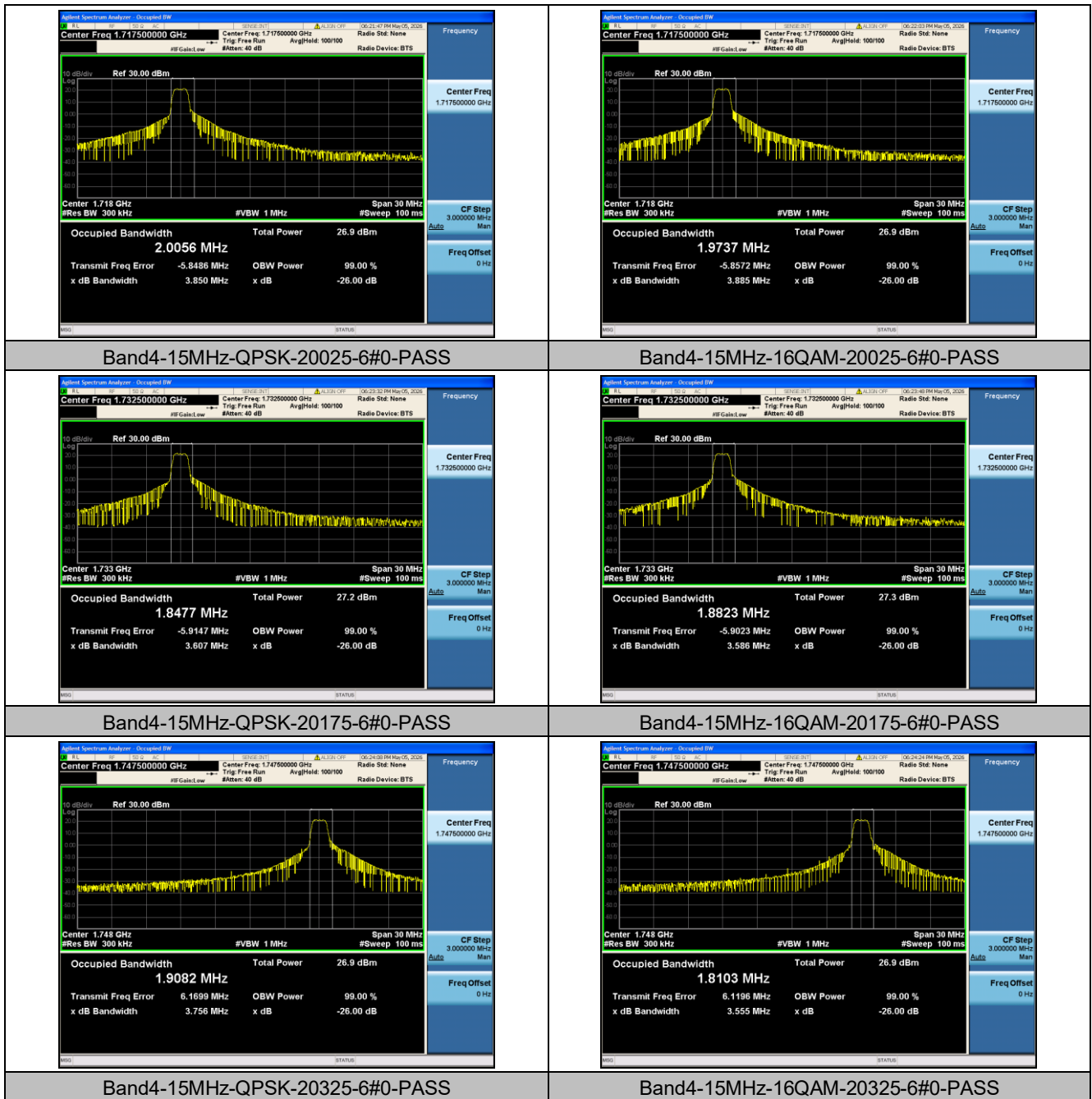
2.3.2 Test Graphs

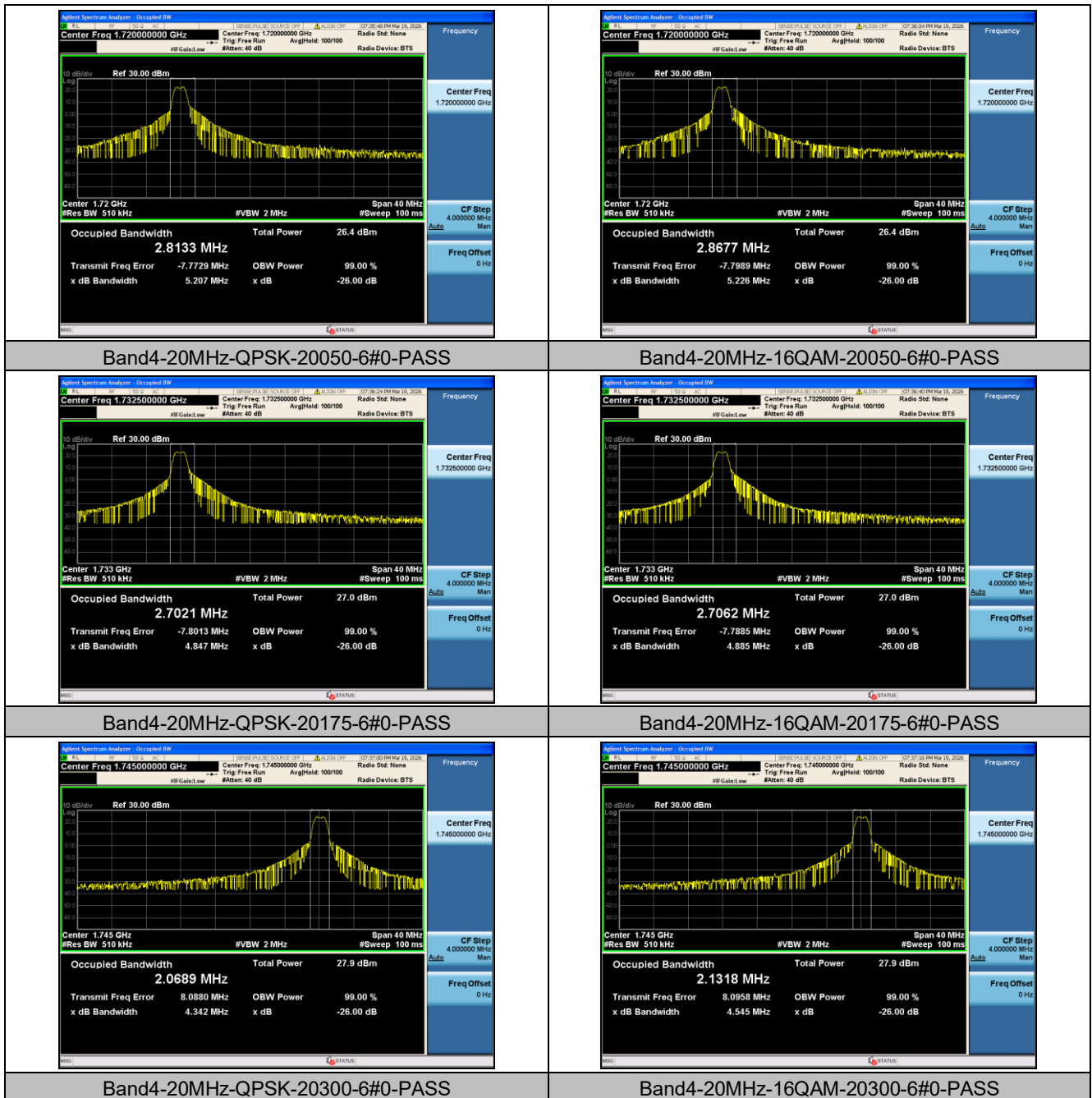












2.4 Appendix D: Band Edge

2.4.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Freq	Level	Margin	Verdict
CatM1 Band4	1.4MHz	19957	QPSK	1	0	Low	1710.00	-30.75	17.75	PASS
CatM1 Band4	1.4MHz	19957	QPSK	6	0	Low	1709.99	-39.68	26.68	PASS
CatM1 Band4	1.4MHz	19957	16QAM	1	0	Low	1709.98	-34.15	21.15	PASS
CatM1 Band4	1.4MHz	19957	16QAM	6	0	Low	1709.95	-41.16	28.16	PASS
CatM1 Band4	1.4MHz	20393	QPSK	1	5	High	1755.00	-44.57	31.57	PASS
CatM1 Band4	1.4MHz	20393	QPSK	6	0	High	1755.02	-39.92	26.92	PASS
CatM1 Band4	1.4MHz	20393	16QAM	1	5	High	1755.01	-44.21	31.21	PASS
CatM1 Band4	1.4MHz	20393	16QAM	6	0	High	1755.01	-34.88	21.88	PASS
CatM1 Band4	3MHz	19965	QPSK	1	0	Low	1710.00	-42.91	29.91	PASS
CatM1 Band4	3MHz	19965	QPSK	6	0	Low	1710.00	-44.61	31.61	PASS
CatM1 Band4	3MHz	19965	16QAM	1	0	Low	1709.99	-45.42	32.42	PASS
CatM1 Band4	3MHz	19965	16QAM	6	0	Low	1709.30	-44.93	31.93	PASS
CatM1 Band4	3MHz	20385	QPSK	1	5	High	1755.26	-51.95	38.95	PASS
CatM1 Band4	3MHz	20385	QPSK	6	0	High	1755.14	-40.75	27.75	PASS
CatM1 Band4	3MHz	20385	16QAM	1	5	High	1755.02	-51.71	38.71	PASS
CatM1 Band4	3MHz	20385	16QAM	6	0	High	1755.19	-40.62	27.62	PASS
CatM1 Band4	5MHz	19975	QPSK	1	0	Low	1709.95	-38.65	25.65	PASS
CatM1 Band4	5MHz	19975	QPSK	6	0	Low	1709.99	-35.63	22.63	PASS
CatM1 Band4	5MHz	19975	16QAM	1	0	Low	1709.99	-36.33	23.33	PASS
CatM1 Band4	5MHz	19975	16QAM	6	0	Low	1709.97	-36.32	23.32	PASS
CatM1 Band4	5MHz	20375	QPSK	1	5	High	1755.04	-48.82	35.82	PASS
CatM1 Band4	5MHz	20375	QPSK	6	0	High	1755.04	-31.97	18.97	PASS
CatM1 Band4	5MHz	20375	16QAM	1	5	High	1755.01	-45.19	32.19	PASS
CatM1 Band4	5MHz	20375	16QAM	6	0	High	1755.05	-31.34	18.34	PASS
CatM1 Band4	10MHz	20000	QPSK	1	0	Low	1709.90	-47.31	34.31	PASS
CatM1 Band4	10MHz	20000	QPSK	6	0	Low	1709.65	-36.99	23.99	PASS
CatM1 Band4	10MHz	20000	16QAM	1	0	Low	1709.88	-46.01	33.01	PASS
CatM1 Band4	10MHz	20000	16QAM	6	0	Low	1709.66	-36.82	23.82	PASS
CatM1 Band4	10MHz	20350	QPSK	1	5	High	1755.01	-51.24	38.24	PASS
CatM1 Band4	10MHz	20350	QPSK	6	0	High	1755.00	-33.91	20.91	PASS
CatM1 Band4	10MHz	20350	16QAM	1	5	High	1755.02	-49.51	36.51	PASS
CatM1 Band4	10MHz	20350	16QAM	6	0	High	1755.02	-33.96	20.96	PASS
CatM1 Band4	15MHz	20025	QPSK	1	0	Low	1709.99	-48.97	35.97	PASS
CatM1 Band4	15MHz	20025	QPSK	6	0	Low	1709.99	-33.64	20.64	PASS
CatM1 Band4	15MHz	20025	16QAM	1	0	Low	1709.99	-47.67	34.67	PASS
CatM1 Band4	15MHz	20025	16QAM	6	0	Low	1709.96	-33.44	20.44	PASS
CatM1 Band4	15MHz	20325	QPSK	1	5	High	1755.52	-54.48	41.48	PASS

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SZEMC-TRF-A02 Rev.A/1

Page: 33 of 90

CatM1 Band4	15MHz	20325	QPSK	6	0	High	1755.04	-32.89	19.89	PASS
CatM1 Band4	15MHz	20325	16QAM	1	5	High	1755.54	-54.19	41.19	PASS
CatM1 Band4	15MHz	20325	16QAM	6	0	High	1755.01	-33.13	20.13	PASS
CatM1 Band4	20MHz	20050	QPSK	1	0	Low	1709.55	-53.59	40.59	PASS
CatM1 Band4	20MHz	20050	QPSK	6	0	Low	1709.98	-41.97	28.97	PASS
CatM1 Band4	20MHz	20050	16QAM	1	0	Low	1709.56	-53.11	40.11	PASS
CatM1 Band4	20MHz	20050	16QAM	6	0	Low	1709.97	-41.98	28.98	PASS
CatM1 Band4	20MHz	20300	QPSK	1	5	High	1755.15	-53.10	40.10	PASS
CatM1 Band4	20MHz	20300	QPSK	6	0	High	1755.02	-42.52	29.52	PASS
CatM1 Band4	20MHz	20300	16QAM	1	5	High	1755.11	-53.01	40.01	PASS
CatM1 Band4	20MHz	20300	16QAM	6	0	High	1755.24	-42.39	29.39	PASS

Note: Limit ≤ -13dBm.



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2.4.2 Test Graphs

