



8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-20.14	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-25.75	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-24.46	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.84	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-24.67	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.40	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-25.27	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.37	PASS
Band4	3MHz	QPSK	19965	1RB#0	-22.12	PASS
Band4	3MHz	QPSK	19965	15RB#0	-30.07	PASS
Band4	3MHz	QPSK	20385	1RB#14	-20.68	PASS
Band4	3MHz	QPSK	20385	15RB#0	-26.24	PASS
Band4	3MHz	16QAM	19965	1RB#0	-24.25	PASS
Band4	3MHz	16QAM	19965	15RB#0	-29.78	PASS
Band4	3MHz	16QAM	20385	1RB#14	-22.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	-30.37	PASS
Band4	5MHz	QPSK	19975	1RB#0	-19.23	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.63	PASS
Band4	5MHz	QPSK	20375	1RB#24	-19.87	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.34	PASS
Band4	5MHz	16QAM	19975	1RB#0	-21.14	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.19	PASS
Band4	5MHz	16QAM	20375	1RB#24	-19.62	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	-32.44	PASS
Band4	10MHz	QPSK	20000	50RB#0	-34.32	PASS
Band4	10MHz	QPSK	20350	1RB#49	-33.24	PASS
Band4	10MHz	QPSK	20350	50RB#0	-29.08	PASS
Band4	10MHz	16QAM	20000	1RB#0	-33.12	PASS
Band4	10MHz	16QAM	20000	50RB#0	-35.91	PASS
Band4	10MHz	16QAM	20350	1RB#49	-31.89	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	-24.34	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.63	PASS
Band4	15MHz	QPSK	20325	1RB#74	-24.69	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.88	PASS
Band4	15MHz	16QAM	20025	1RB#0	-24.78	PASS
Band4	15MHz	16QAM	20025	75RB#0	-35.52	PASS
Band4	15MHz	16QAM	20325	1RB#74	-24.79	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.29	PASS



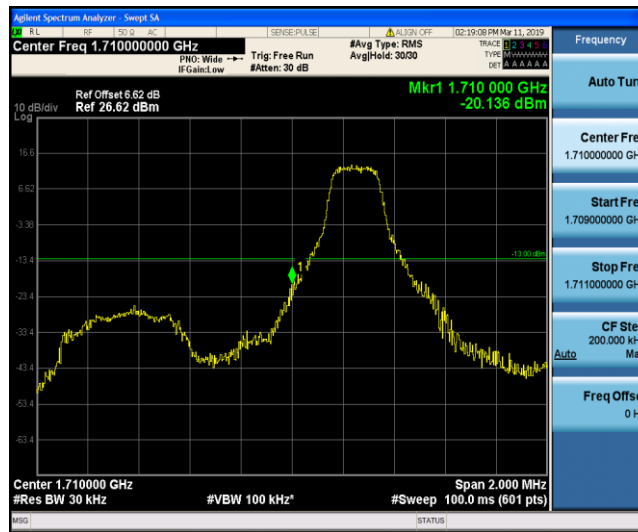
Band4	20MHz	QPSK	20050	1RB#0	-30.46	PASS
Band4	20MHz	QPSK	20050	100RB#0	-36.67	PASS
Band4	20MHz	QPSK	20300	1RB#99	-29.75	PASS
Band4	20MHz	QPSK	20300	100RB#0	-28.95	PASS
Band4	20MHz	16QAM	20050	1RB#0	-29.07	PASS
Band4	20MHz	16QAM	20050	100RB#0	-38.69	PASS
Band4	20MHz	16QAM	20300	1RB#99	-29.66	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-19.98	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-24.24	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-19.37	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-23.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-19.89	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-19.59	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	-18.25	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.66	PASS
Band5	3MHz	QPSK	20635	1RB#14	-19.41	PASS
Band5	3MHz	QPSK	20635	15RB#0	-26.44	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.62	PASS
Band5	3MHz	16QAM	20635	1RB#14	-22.09	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	-15.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	-21.82	PASS
Band5	5MHz	QPSK	20625	1RB#24	-14.06	PASS
Band5	5MHz	QPSK	20625	25RB#0	-24.22	PASS
Band5	5MHz	16QAM	20425	1RB#0	-15.68	PASS
Band5	5MHz	16QAM	20425	25RB#0	-23.66	PASS
Band5	5MHz	16QAM	20625	1RB#24	-16.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	-23.51	PASS
Band5	10MHz	QPSK	20450	1RB#0	-30.14	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.90	PASS
Band5	10MHz	QPSK	20600	1RB#49	-29.08	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.61	PASS
Band5	10MHz	16QAM	20450	1RB#0	-25.65	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.61	PASS
Band5	10MHz	16QAM	20600	1RB#49	-29.92	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.68	PASS
Band7	5MHz	QPSK	20775	1RB#0	-59.80,-38.69,-13.92	PASS
Band7	5MHz	QPSK	20775	25RB#0	-52.92,-37.77,-22.31	PASS
Band7	5MHz	QPSK	21425	1RB#24	-43.30,-40.68,-11.69	PASS
Band7	5MHz	QPSK	21425	25RB#0	-46.94,-40.28,-18.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	-59.84,-39.96,-14.39	PASS



Band7	5MHz	16QAM	20775	25RB#0	-52.54,-40.81,-22.85	PASS
Band7	5MHz	16QAM	21425	1RB#24	-43.93,-49.18,-12.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	-48.92,-39.80,-20.63	PASS
Band7	10MHz	QPSK	20800	1RB#0	-58.41,-39.67,-29.24	PASS
Band7	10MHz	QPSK	20800	50RB#0	-44.95,-27.95,-20.27	PASS
Band7	10MHz	QPSK	21400	1RB#49	-59.96,-42.61,-25.11	PASS
Band7	10MHz	QPSK	21400	50RB#0	-52.42,-24.56,-17.28	PASS
Band7	10MHz	16QAM	20800	1RB#0	-57.70,-39.52,-26.62	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.48,-29.77,-24.27	PASS
Band7	10MHz	16QAM	21400	1RB#49	-59.87,-44.79,-25.24	PASS
Band7	10MHz	16QAM	21400	50RB#0	-57.46,-25.88,-18.87	PASS
Band7	15MHz	QPSK	20825	1RB#0	-37.10,-46.77,-19.66	PASS
Band7	15MHz	QPSK	20825	75RB#0	-34.06,-28.11,-21.91	PASS
Band7	15MHz	QPSK	21375	1RB#74	-56.72,-41.80,-19.04	PASS
Band7	15MHz	QPSK	21375	75RB#0	-51.99,-18.33,-14.06	PASS
Band7	15MHz	16QAM	20825	1RB#0	-38.18,-47.31,-20.90	PASS
Band7	15MHz	16QAM	20825	75RB#0	-36.37,-30.81,-25.19	PASS
Band7	15MHz	16QAM	21375	1RB#74	-56.92,-41.92,-18.53	PASS
Band7	15MHz	16QAM	21375	75RB#0	-55.84,-19.87,-16.17	PASS
Band7	20MHz	QPSK	20850	1RB#0	-38.95,-46.18,-23.67	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.04,-29.49,-26.11	PASS
Band7	20MHz	QPSK	21350	1RB#99	-56.73,-45.89,-27.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	-56.56,-21.65,-17.87	PASS
Band7	20MHz	16QAM	20850	1RB#0	-40.65,-46.34,-25.49	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.93,-32.40,-29.30	PASS
Band7	20MHz	16QAM	21350	1RB#99	-56.74,-46.20,-23.18	PASS
Band7	20MHz	16QAM	21350	100RB#0	-56.55,-20.79,-18.15	PASS
Band17	5MHz	QPSK	23755	1RB#0	-15.00	PASS
Band17	5MHz	QPSK	23755	25RB#0	-24.80	PASS
Band17	5MHz	QPSK	23825	1RB#24	-15.09	PASS
Band17	5MHz	QPSK	23825	25RB#0	-24.58	PASS
Band17	5MHz	16QAM	23755	1RB#0	-17.48	PASS
Band17	5MHz	16QAM	23755	25RB#0	-24.08	PASS
Band17	5MHz	16QAM	23825	1RB#24	-17.60	PASS
Band17	5MHz	16QAM	23825	25RB#0	-22.32	PASS
Band17	10MHz	QPSK	23780	1RB#0	-30.28	PASS
Band17	10MHz	QPSK	23780	50RB#0	-29.97	PASS
Band17	10MHz	QPSK	23800	1RB#49	-30.88	PASS
Band17	10MHz	QPSK	23800	50RB#0	-30.62	PASS
Band17	10MHz	16QAM	23780	1RB#0	-31.35	PASS
Band17	10MHz	16QAM	23780	50RB#0	-28.16	PASS
Band17	10MHz	16QAM	23800	1RB#49	-31.40	PASS
Band17	10MHz	16QAM	23800	50RB#0	-31.42	PASS



Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



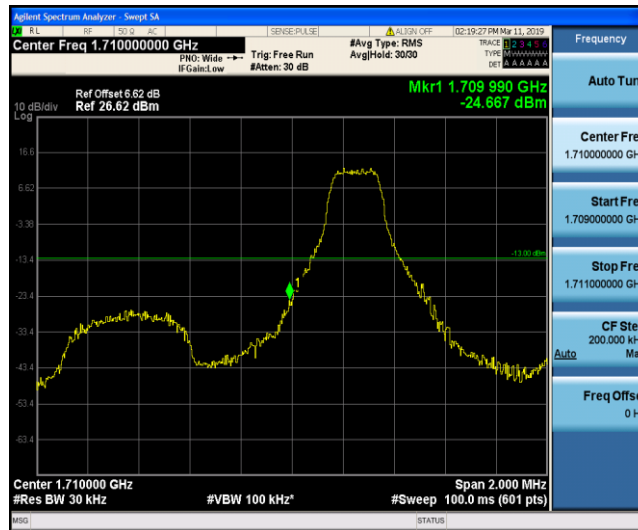
Band4_1.4MHz_QPSK_19957_6RB#0



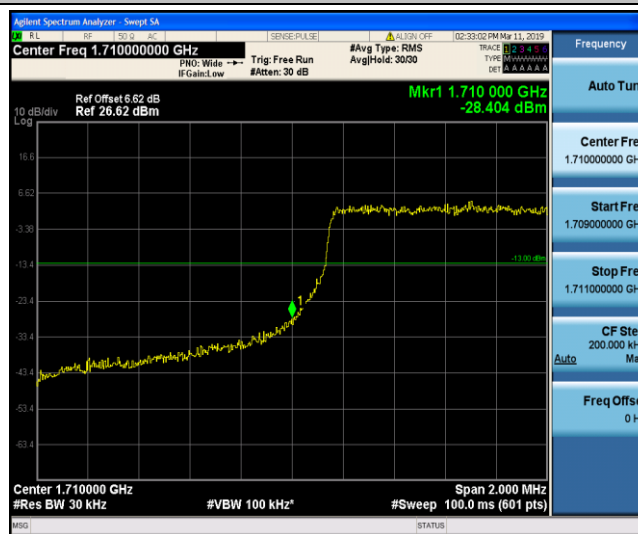
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Band4_1.4MHz_QPSK_20393_6RB#0



Band4_1.4MHz_16QAM_19957_1RB#0



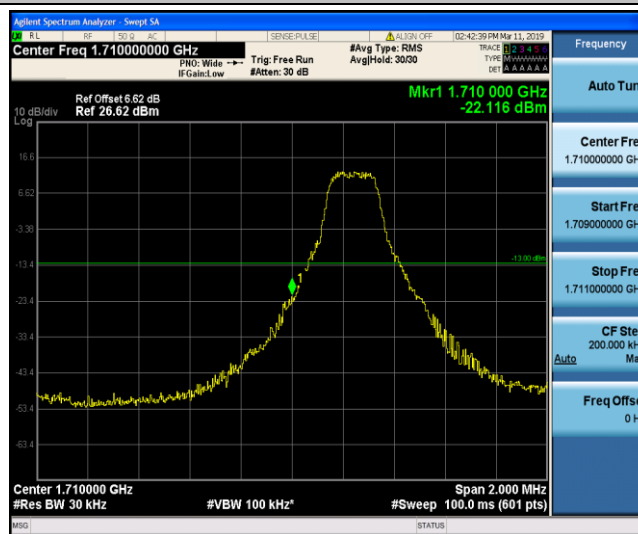
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Band4_1.4MHz_16QAM_20393_1RB#5



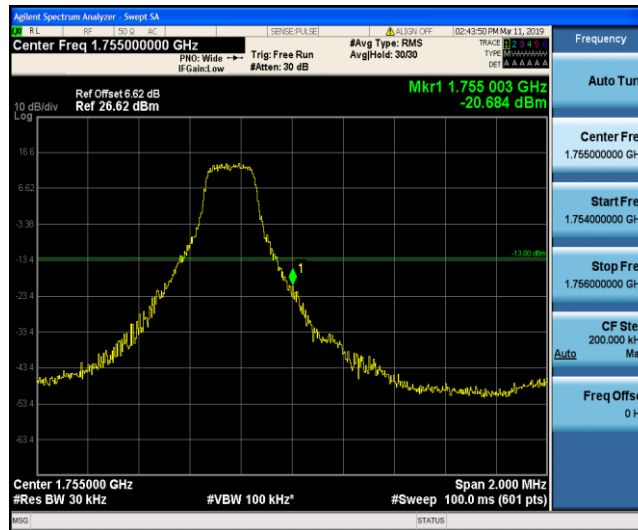
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Band4_3MHz_QPSK_19965_1RB#0



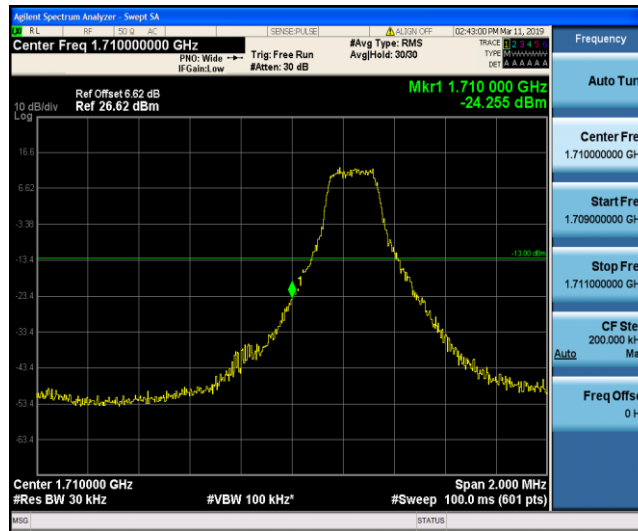
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_QPSK_20385_1RB#14



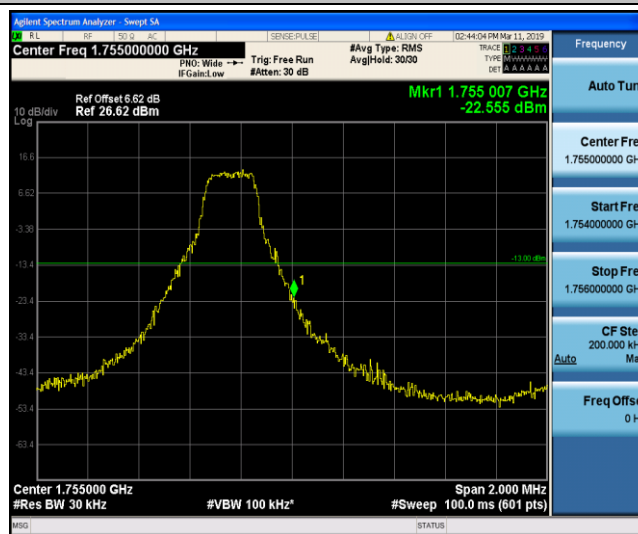
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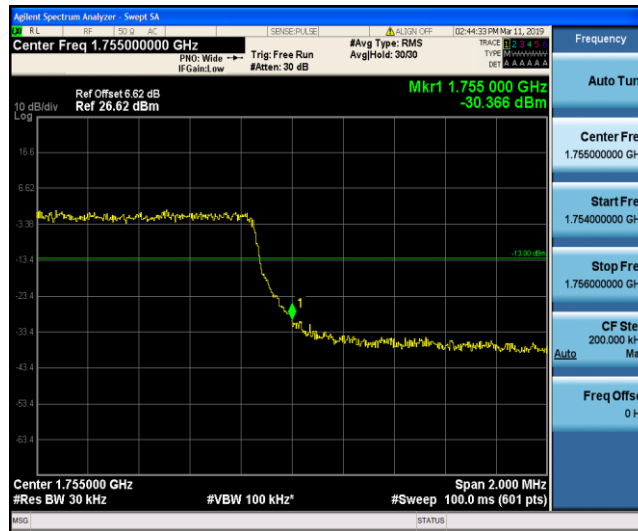
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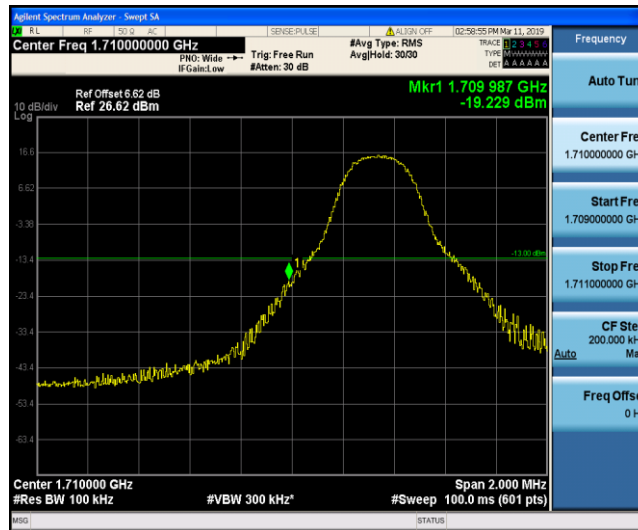
Band4_3MHz_16QAM_19965_15RB#0



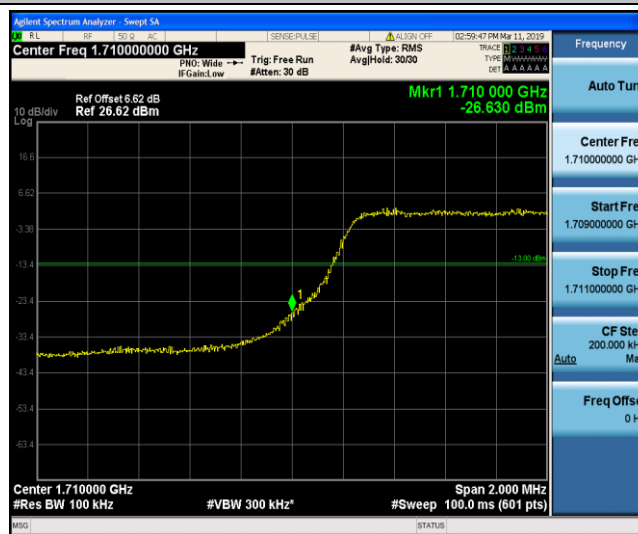
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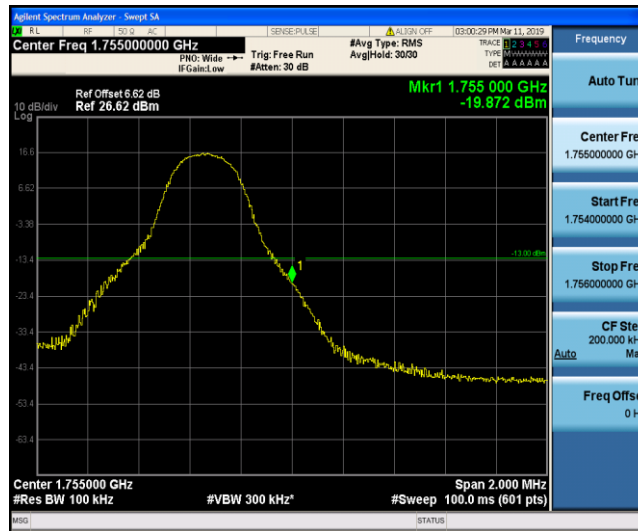
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Band4_5MHz_QPSK_19975_1RB#0



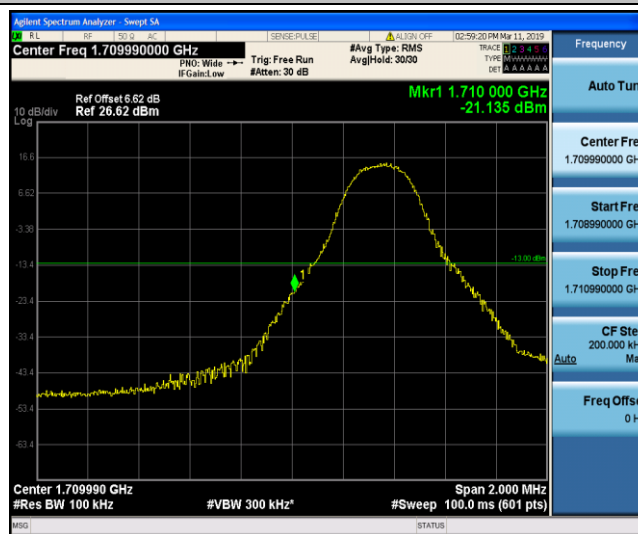
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Band4_5MHz_QPSK_20375_1RB#24



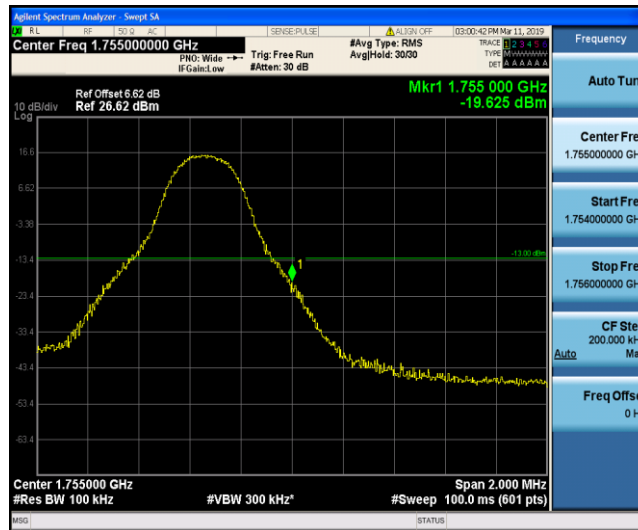
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Band4_5MHz_16QAM_19975_1RB#0



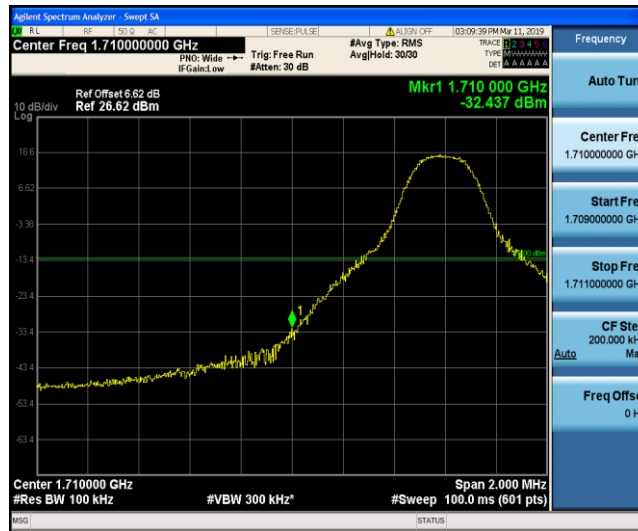
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Band4_5MHz_16QAM_20375_1RB#24



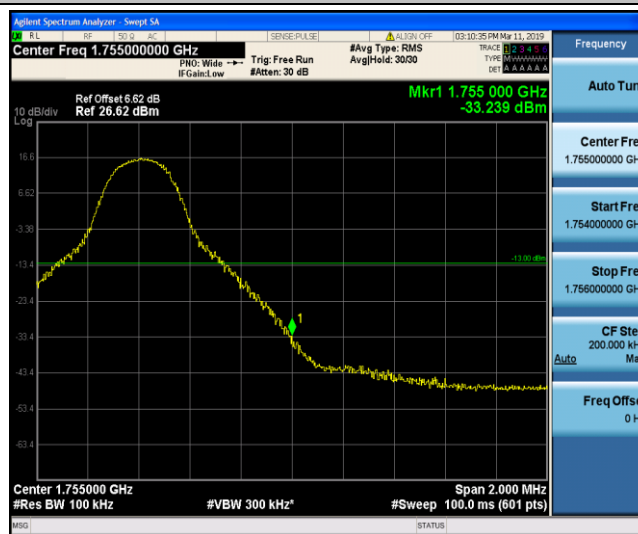
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Band4_10MHz_QPSK_20000_1RB#0



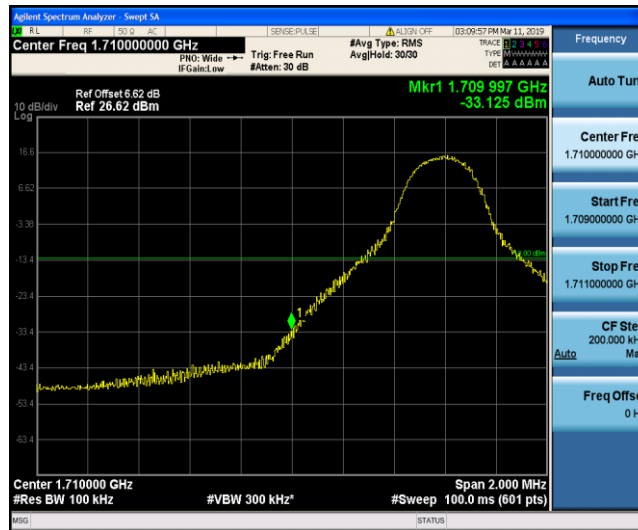
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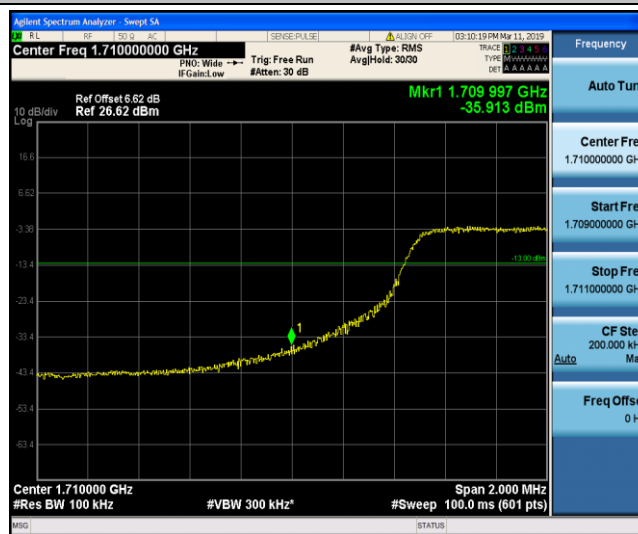
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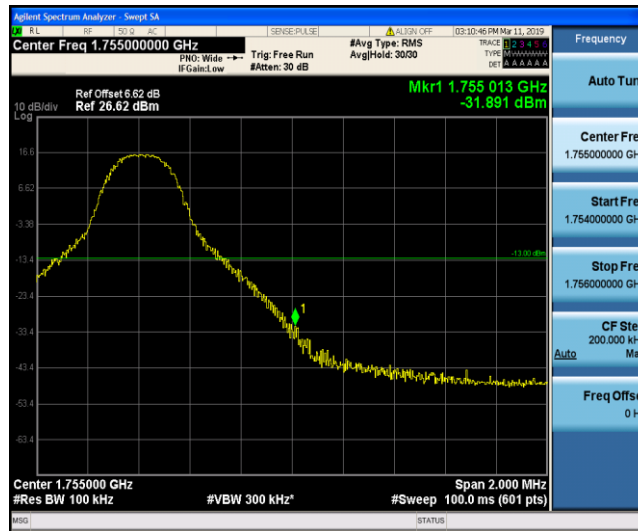
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Band4_10MHz_16QAM_20000_1RB#0



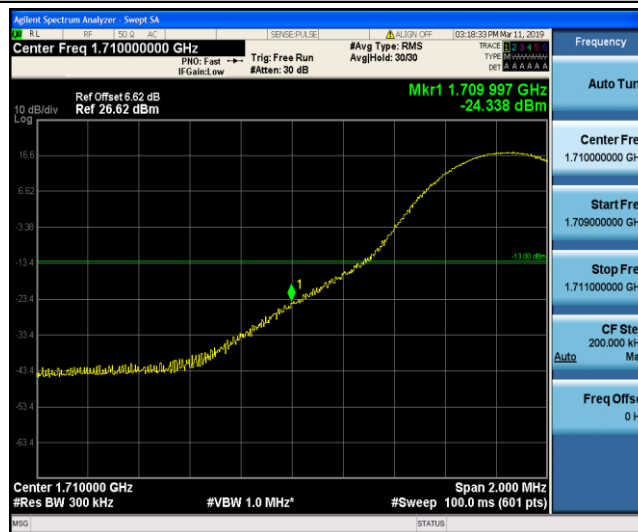
Band4_10MHz_16QAM_20000_50RB#0



Band4_10MHz_16QAM_20350_1RB#49



Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_2025_1RB#0



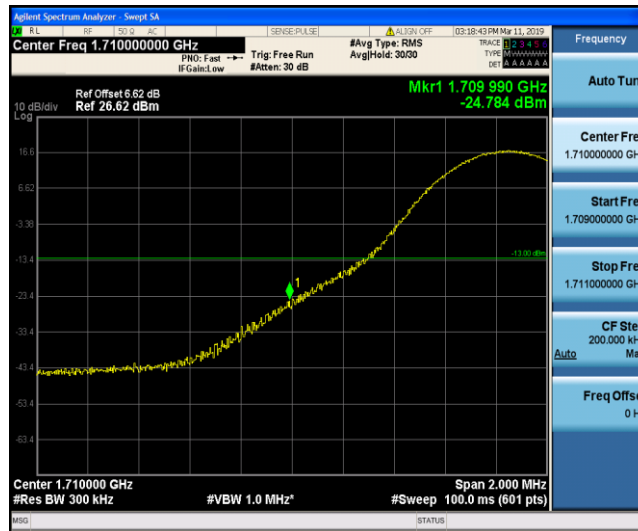
Band4_15MHz_QPSK_2025_75RB#0



Band4_15MHz_QPSK_20325_1RB#74



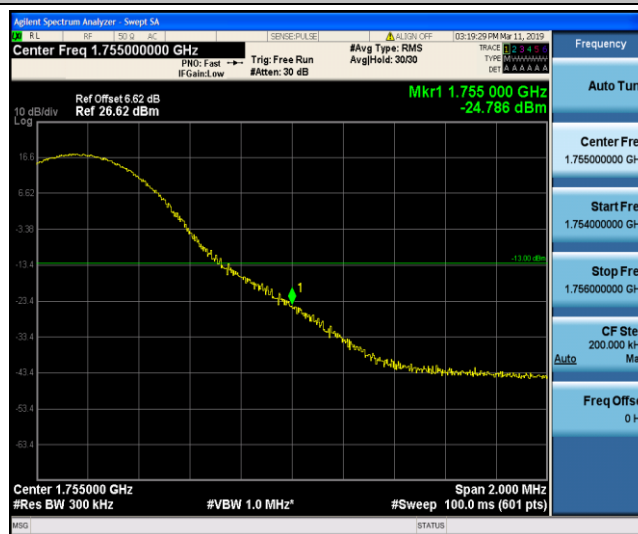
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Band4_15MHz_16QAM_2025_1RB#0



Band4_15MHz_16QAM_2025_75RB#0



Band4_15MHz_16QAM_20325_1RB#74



Band4_15MHz_16QAM_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



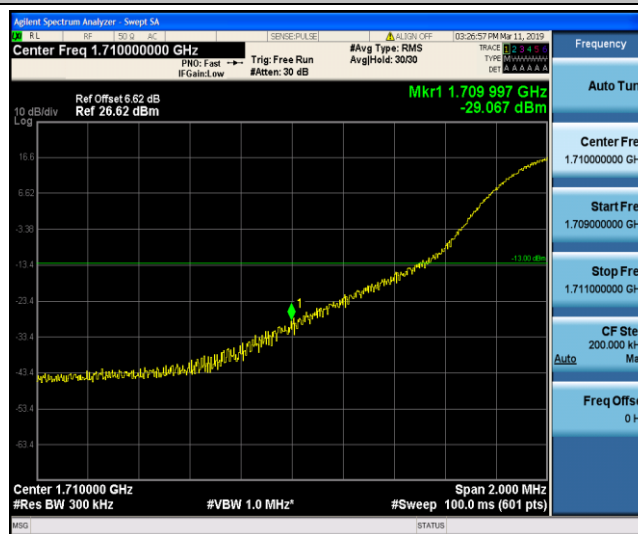
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20300_1RB#99



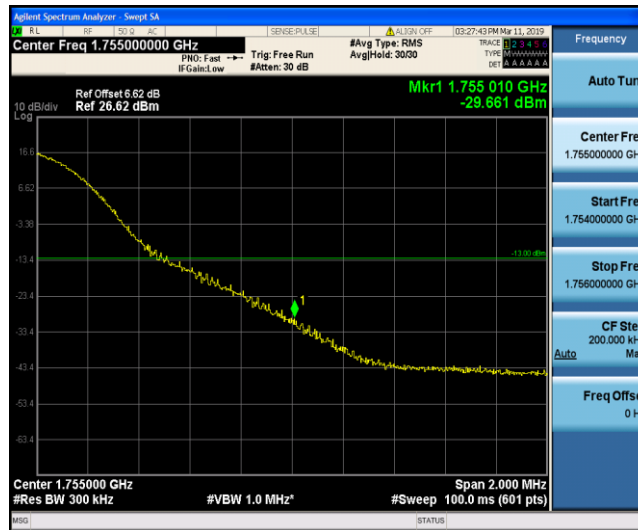
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Band4_20MHz_16QAM_20050_1RB#0



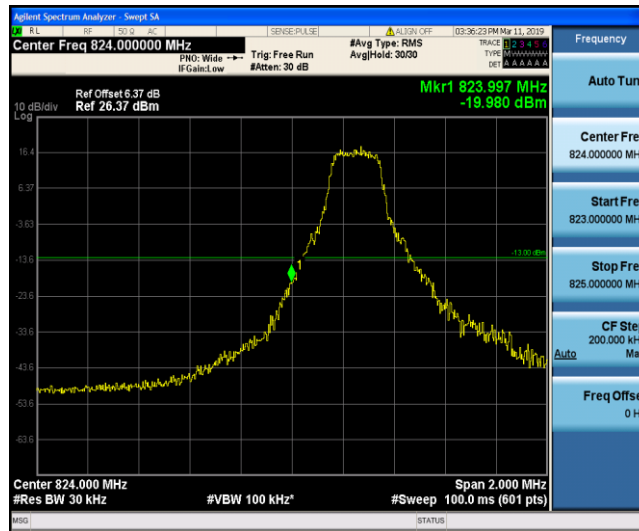
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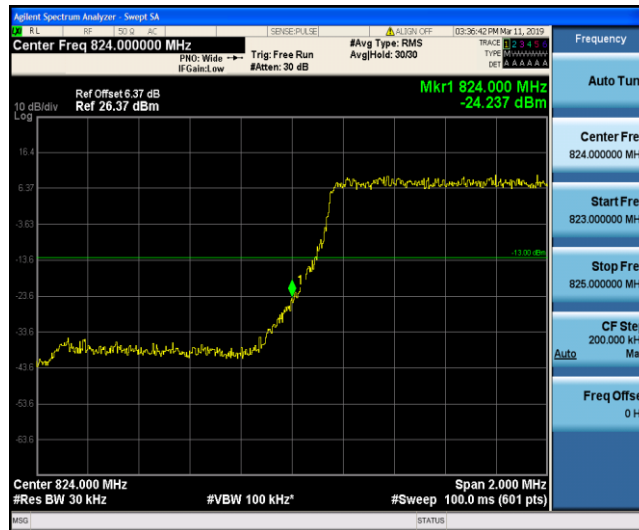
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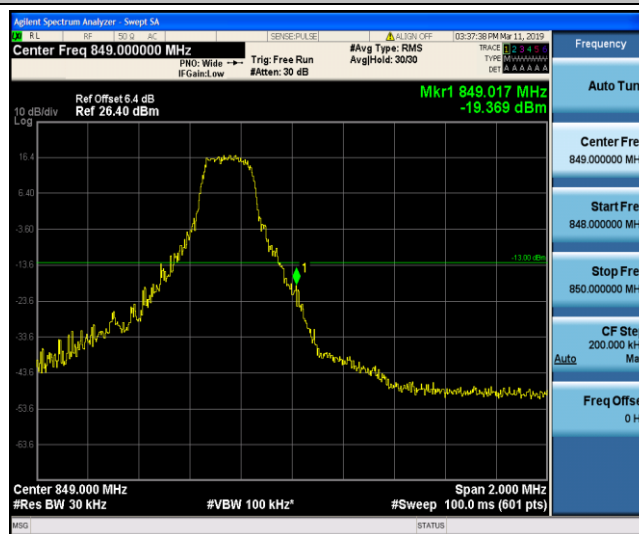
Band4_20MHz_16QAM_20300_100RB#0



Band5_1.4MHz_QPSK_20407_1RB#0



Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_QPSK_20643_1RB#5