



8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-26.94	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-30.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-17.64	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-17.82	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-28.96	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-17.09	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-20.44	PASS
Band4	3MHz	QPSK	19965	1RB#0	-26.26	PASS
Band4	3MHz	QPSK	19965	15RB#0	-34.11	PASS
Band4	3MHz	QPSK	20385	1RB#14	-17.82	PASS
Band4	3MHz	QPSK	20385	15RB#0	-22.62	PASS
Band4	3MHz	16QAM	19965	1RB#0	-28.52	PASS
Band4	3MHz	16QAM	19965	15RB#0	-35.83	PASS
Band4	3MHz	16QAM	20385	1RB#14	-18.45	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.21	PASS
Band4	5MHz	QPSK	19975	1RB#0	-23.82	PASS
Band4	5MHz	QPSK	19975	25RB#0	-31.11	PASS
Band4	5MHz	QPSK	20375	1RB#24	-15.63	PASS
Band4	5MHz	QPSK	20375	25RB#0	-21.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	-25.18	PASS
Band4	5MHz	16QAM	19975	25RB#0	-31.55	PASS
Band4	5MHz	16QAM	20375	1RB#24	-14.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	-22.21	PASS
Band4	10MHz	QPSK	20000	1RB#0	-39.31	PASS
Band4	10MHz	QPSK	20000	50RB#0	-38.47	PASS
Band4	10MHz	QPSK	20350	1RB#49	-27.82	PASS
Band4	10MHz	QPSK	20350	50RB#0	-23.97	PASS
Band4	10MHz	16QAM	20000	1RB#0	-39.57	PASS
Band4	10MHz	16QAM	20000	50RB#0	-40.16	PASS
Band4	10MHz	16QAM	20350	1RB#49	-26.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.58	PASS
Band4	15MHz	QPSK	20025	1RB#0	-28.73	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.03	PASS
Band4	15MHz	QPSK	20325	1RB#74	-22.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	-21.74	PASS
Band4	15MHz	16QAM	20025	1RB#0	-29.84	PASS
Band4	15MHz	16QAM	20025	75RB#0	-39.29	PASS
Band4	15MHz	16QAM	20325	1RB#74	-21.72	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.08	PASS



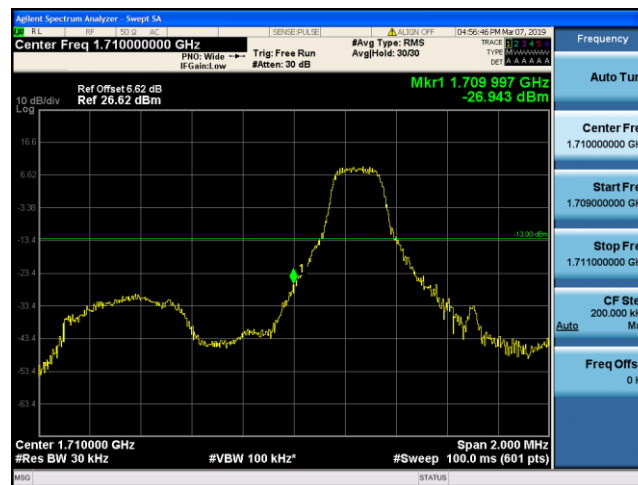
Band4	20MHz	QPSK	20050	1RB#0	-36.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	-40.84	PASS
Band4	20MHz	QPSK	20300	1RB#99	-26.57	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.26	PASS
Band4	20MHz	16QAM	20050	1RB#0	-35.99	PASS
Band4	20MHz	16QAM	20050	100RB#0	-43.40	PASS
Band4	20MHz	16QAM	20300	1RB#99	-25.99	PASS
Band4	20MHz	16QAM	20300	100RB#0	-28.49	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-18.74	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-25.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-18.02	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-23.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-20.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-20.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.17	PASS
Band5	3MHz	QPSK	20415	1RB#0	-18.17	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.33	PASS
Band5	3MHz	QPSK	20635	1RB#14	-18.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.78	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.36	PASS
Band5	3MHz	16QAM	20415	15RB#0	-25.28	PASS
Band5	3MHz	16QAM	20635	1RB#14	-20.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	-27.51	PASS
Band5	5MHz	QPSK	20425	1RB#0	-15.87	PASS
Band5	5MHz	QPSK	20425	25RB#0	-21.85	PASS
Band5	5MHz	QPSK	20625	1RB#24	-14.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	-25.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	-15.36	PASS
Band5	5MHz	16QAM	20425	25RB#0	-23.24	PASS
Band5	5MHz	16QAM	20625	1RB#24	-16.13	PASS
Band5	5MHz	16QAM	20625	25RB#0	-25.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	-28.62	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.59	PASS
Band5	10MHz	QPSK	20600	1RB#49	-29.50	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	-27.26	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.65	PASS
Band5	10MHz	16QAM	20600	1RB#49	-24.87	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.46	PASS
Band7	5MHz	QPSK	20775	1RB#0	-58.95,-39.61,-14.16	PASS
Band7	5MHz	QPSK	20775	25RB#0	-49.09,-32.06,-18.37	PASS
Band7	5MHz	QPSK	21425	1RB#24	-51.94,-55.94,-14.30	PASS
Band7	5MHz	QPSK	21425	25RB#0	-43.12,-38.13,-15.41	PASS
Band7	5MHz	16QAM	20775	1RB#0	-54.02,-39.59,-13.91	PASS



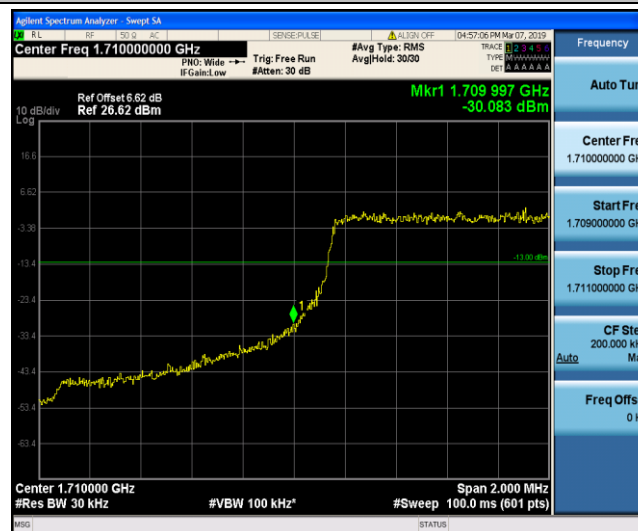
Band7	5MHz	16QAM	20775	25RB#0	-49.32,-34.35,-22.37	PASS
Band7	5MHz	16QAM	21425	1RB#24	-45.18,-41.09,-11.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.75,-38.19,-18.58	PASS
Band7	10MHz	QPSK	20800	1RB#0	-58.38,-40.93,-28.30	PASS
Band7	10MHz	QPSK	20800	50RB#0	-43.99,-26.84,-20.88	PASS
Band7	10MHz	QPSK	21400	1RB#49	-59.85,-39.56,-24.18	PASS
Band7	10MHz	QPSK	21400	50RB#0	-60.22,-18.60,-14.17	PASS
Band7	10MHz	16QAM	20800	1RB#0	-59.00,-41.22,-29.38	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.41,-29.31,-24.03	PASS
Band7	10MHz	16QAM	21400	1RB#49	-59.80,-40.10,-26.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	-59.50,-19.95,-14.30	PASS
Band7	15MHz	QPSK	20825	1RB#0	-35.12,-40.63,-18.48	PASS
Band7	15MHz	QPSK	20825	75RB#0	-37.87,-33.16,-29.82	PASS
Band7	15MHz	QPSK	21375	1RB#74	-56.60,-34.82,-17.81	PASS
Band7	15MHz	QPSK	21375	75RB#0	-56.69,-18.52,-14.78	PASS
Band7	15MHz	16QAM	20825	1RB#0	-35.83,-39.76,-19.47	PASS
Band7	15MHz	16QAM	20825	75RB#0	-34.88,-30.15,-24.93	PASS
Band7	15MHz	16QAM	21375	1RB#74	-56.33,-37.39,-18.53	PASS
Band7	15MHz	16QAM	21375	75RB#0	-56.60,-14.43,-10.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.52,-43.09,-26.07	PASS
Band7	20MHz	QPSK	21350	1RB#99	-56.27,-36.12,-19.70	PASS
Band7	20MHz	QPSK	21350	100RB#0	-56.57,-18.66,-15.32	PASS
Band7	20MHz	16QAM	20850	1RB#0	-37.94,-43.65,-26.14	PASS
Band7	20MHz	16QAM	21350	1RB#99	-56.41,-37.60,-23.07	PASS
Band7	20MHz	16QAM	21350	100RB#0	-56.50,-19.10,-16.66	PASS
Band17	5MHz	QPSK	23755	1RB#0	-13.25	PASS
Band17	5MHz	QPSK	23755	25RB#0	-22.62	PASS
Band17	5MHz	QPSK	23825	1RB#24	-15.69	PASS
Band17	5MHz	QPSK	23825	25RB#0	-22.31	PASS
Band17	5MHz	16QAM	23755	1RB#0	-16.48	PASS
Band17	5MHz	16QAM	23755	25RB#0	-23.00	PASS
Band17	5MHz	16QAM	23825	1RB#24	-16.52	PASS
Band17	5MHz	16QAM	23825	25RB#0	-23.90	PASS
Band17	10MHz	QPSK	23780	1RB#0	-29.54	PASS
Band17	10MHz	QPSK	23780	50RB#0	-28.70	PASS
Band17	10MHz	QPSK	23800	1RB#49	-30.96	PASS
Band17	10MHz	QPSK	23800	50RB#0	-29.90	PASS
Band17	10MHz	16QAM	23780	1RB#0	-26.71	PASS
Band17	10MHz	16QAM	23780	50RB#0	-29.57	PASS
Band17	10MHz	16QAM	23800	1RB#49	-30.84	PASS
Band17	10MHz	16QAM	23800	50RB#0	-30.08	PASS



Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



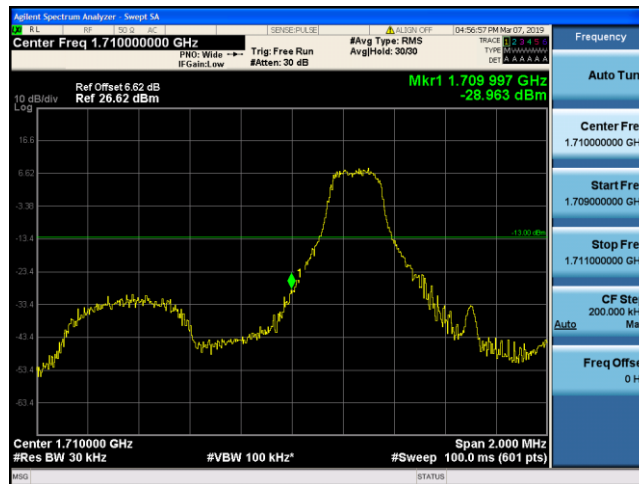
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Band4_1.4MHz_QPSK_20393_1RB#5



Band4_1.4MHz_QPSK_20393_6RB#0



Band4_1.4MHz_16QAM_19957_1RB#0



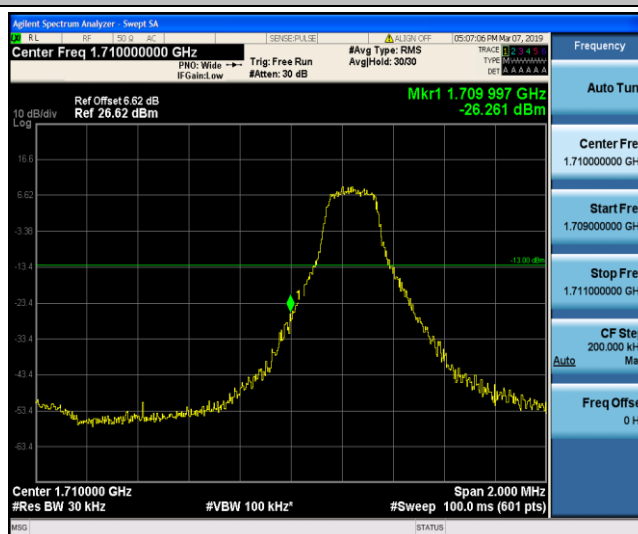
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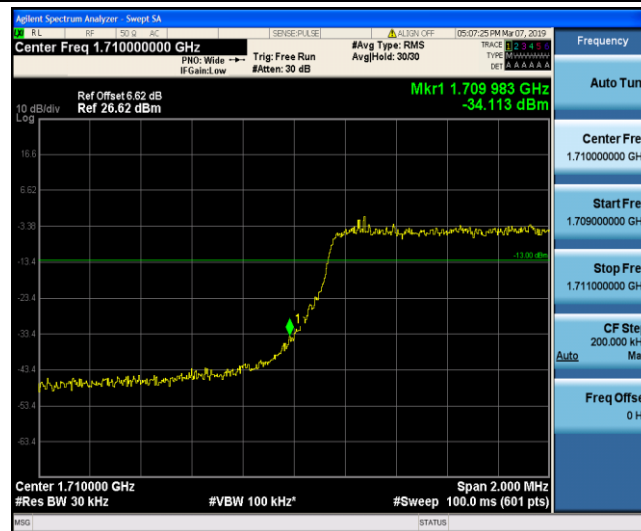
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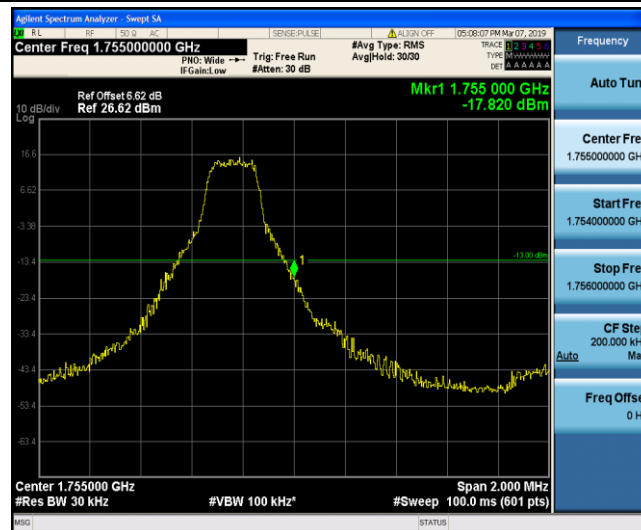
Band4_1.4MHz_16QAM_20393_6RB#0



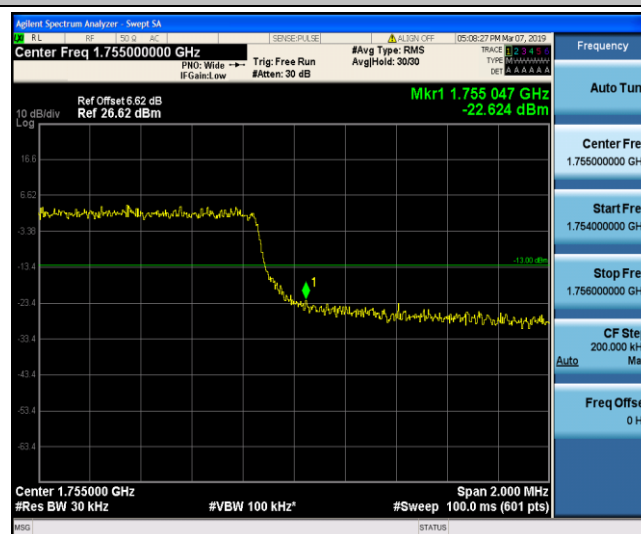
Band4_3MHz_QPSK_19965_1RB#0



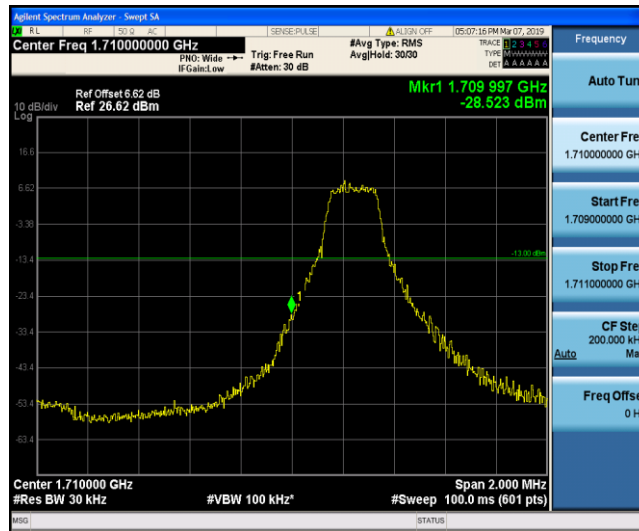
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_QPSK_20385_1RB#14



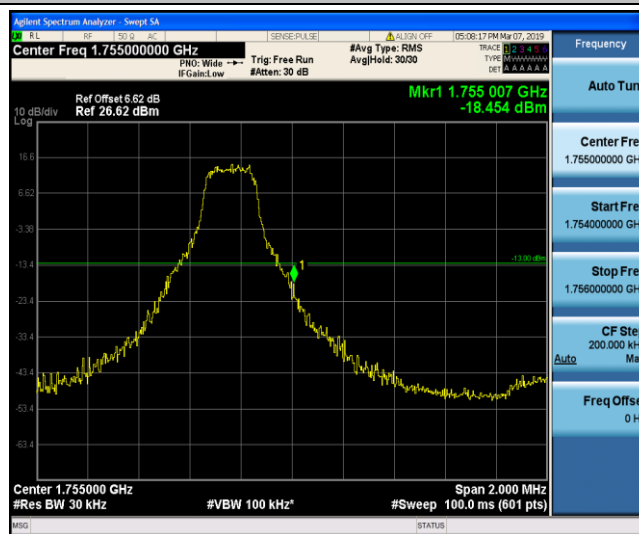
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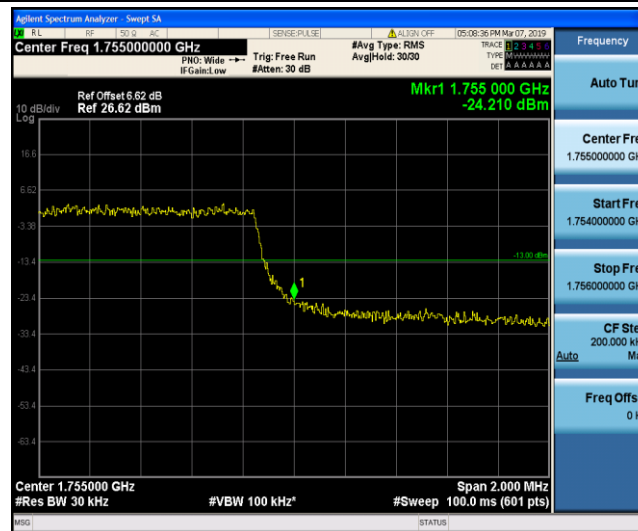
Band4_3MHz_16QAM_19965_1RB#0



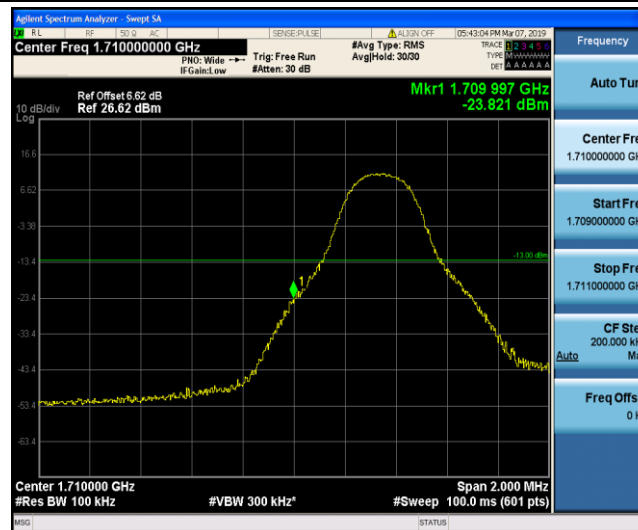
Band4_3MHz_16QAM_19965_15RB#0



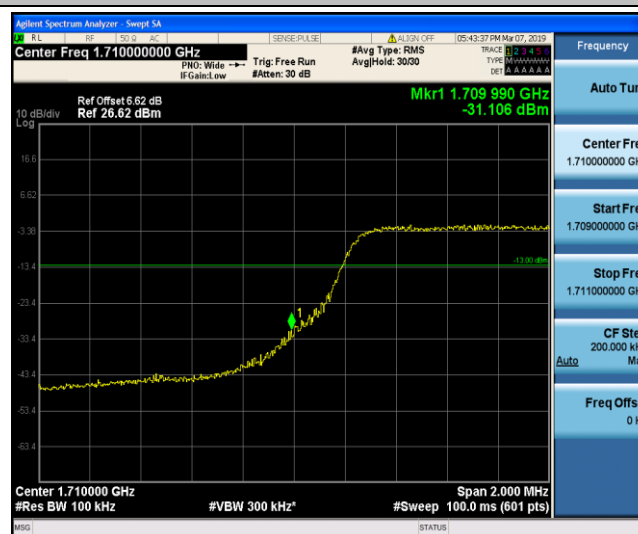
Band4_3MHz_16QAM_20385_1RB#14



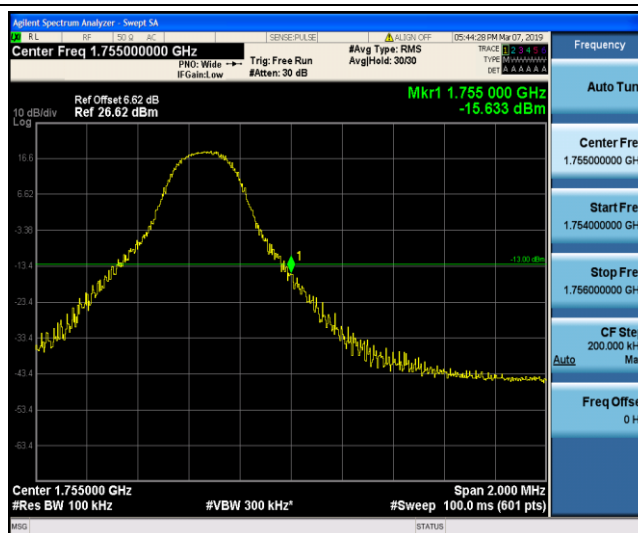
Band4_3MHz_16QAM_20385_15RB#0



Band4_5MHz_QPSK_19975_1RB#0



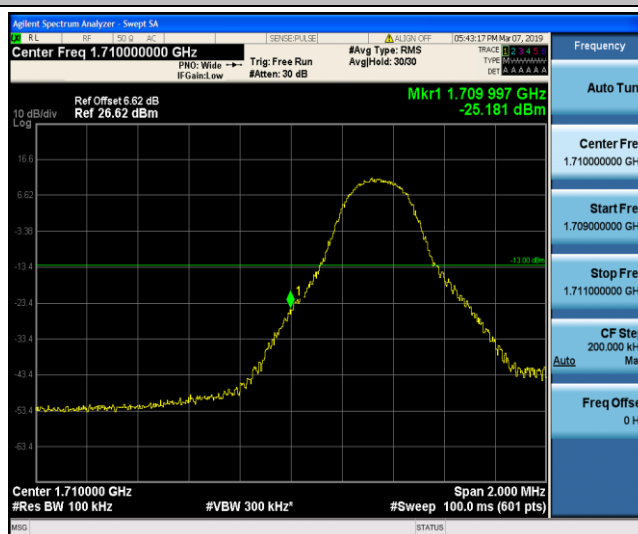
Band4_5MHz_QPSK_19975_25RB#0



Band4_5MHz_QPSK_20375_1RB#24



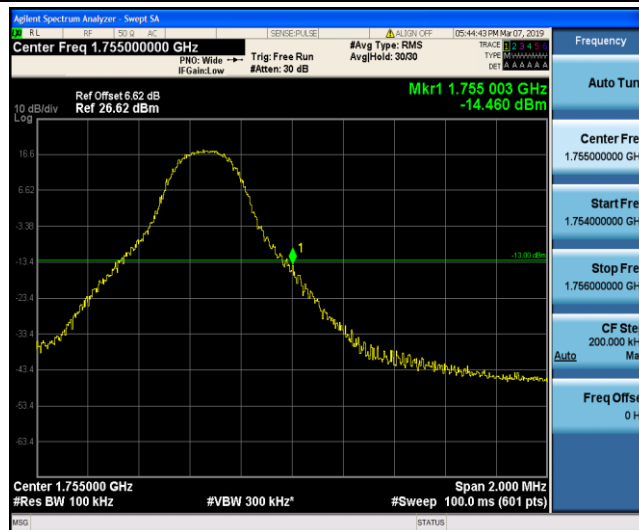
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Band4_5MHz_16QAM_19975_1RB#0



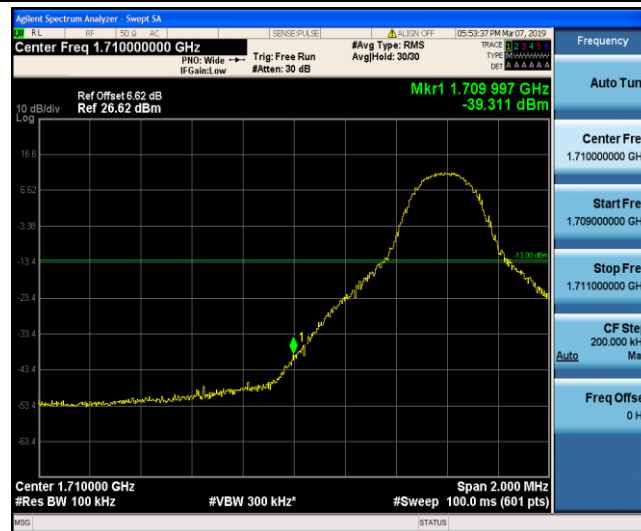
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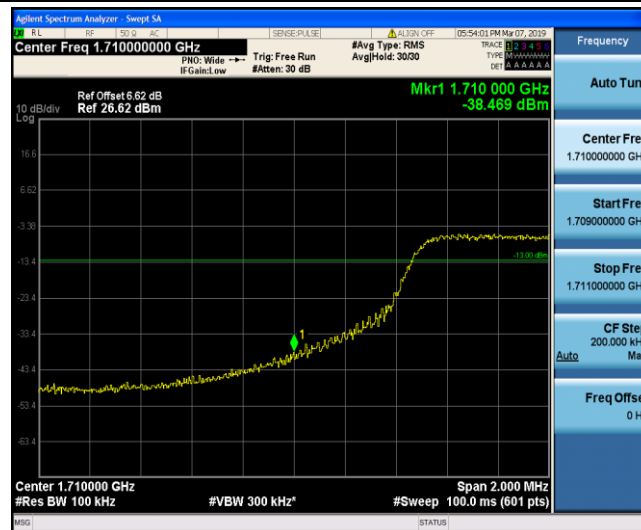
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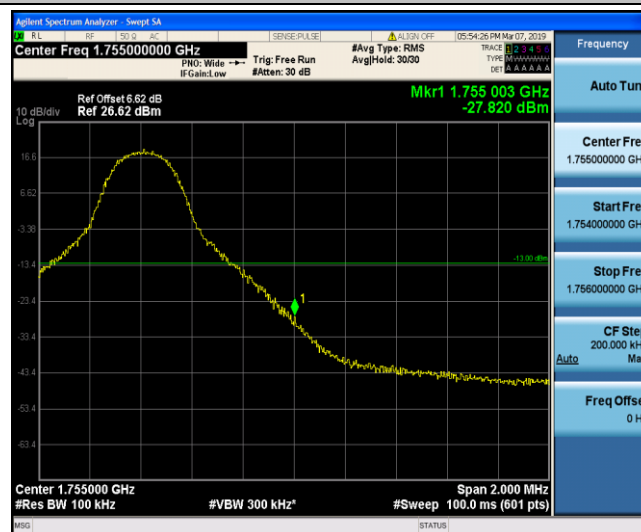
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Band4_10MHz_QPSK_20000_1RB#0



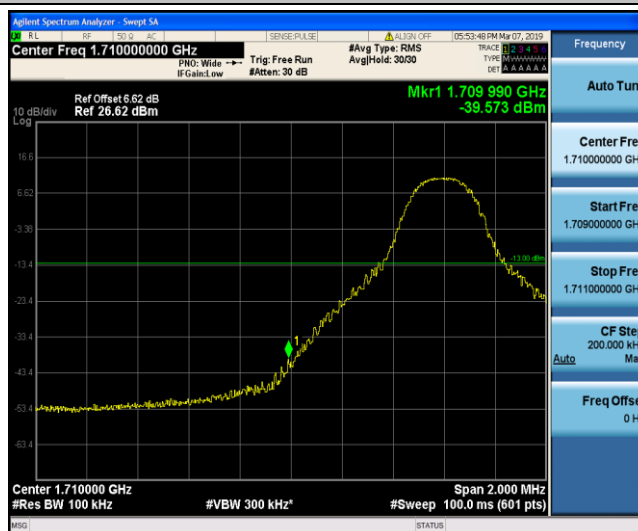
Band4_10MHz_QPSK_20000_50RB#0



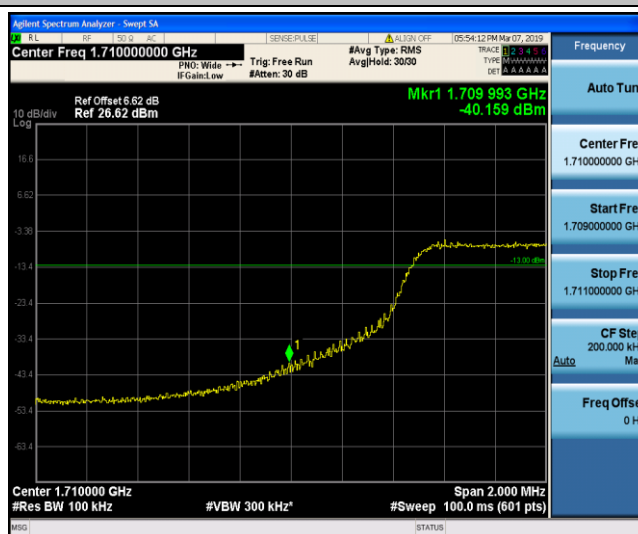
Band4_10MHz_QPSK_20350_1RB#49



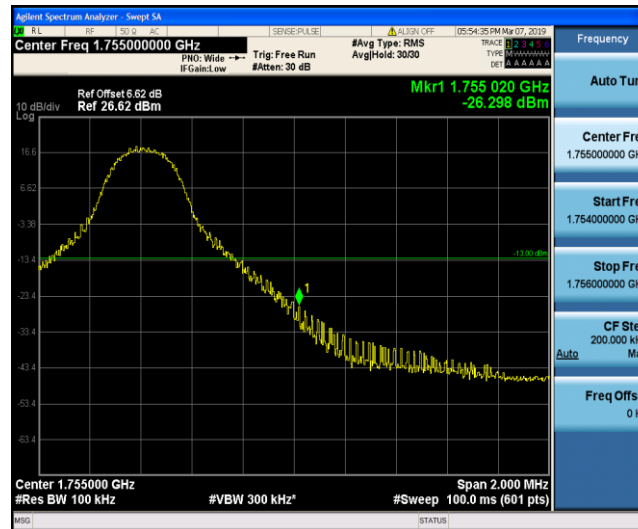
Band4_10MHz_QPSK_20350_50RB#0



Band4_10MHz_16QAM_20000_1RB#0



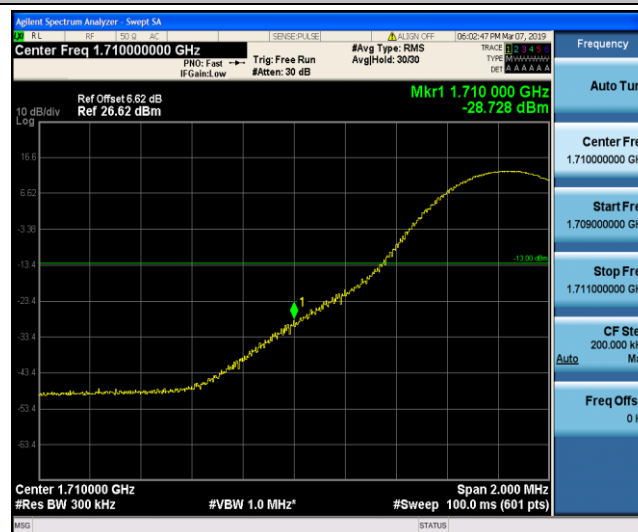
Band4_10MHz_16QAM_20000_50RB#0



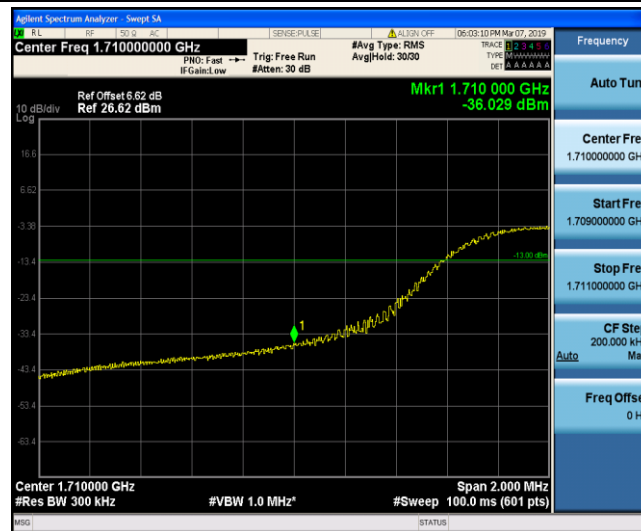
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Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_1RB#0



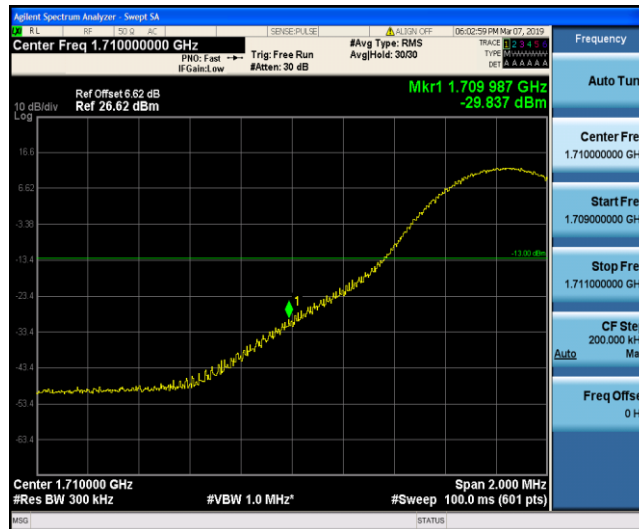
Band4_15MHz_QPSK_20025_75RB#0



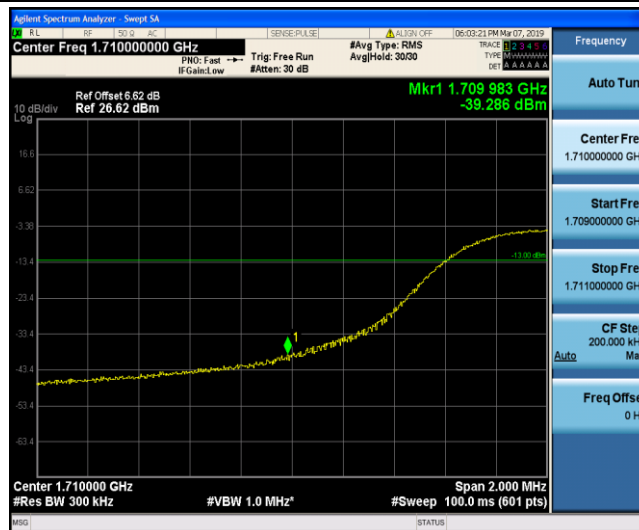
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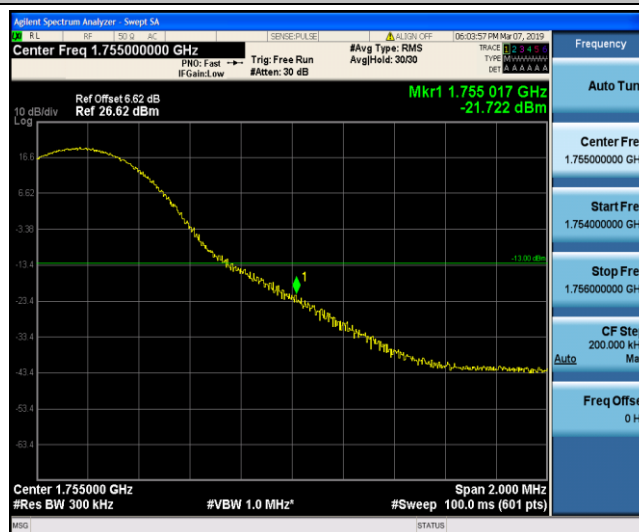
Band4_15MHz_QPSK_20325_75RB#0



Band4_15MHz_16QAM_20025_1RB#0



Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20325_1RB#74



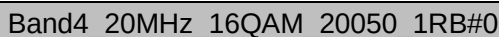
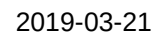
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Band4_20MHz_QPSK_20050_1RB#0

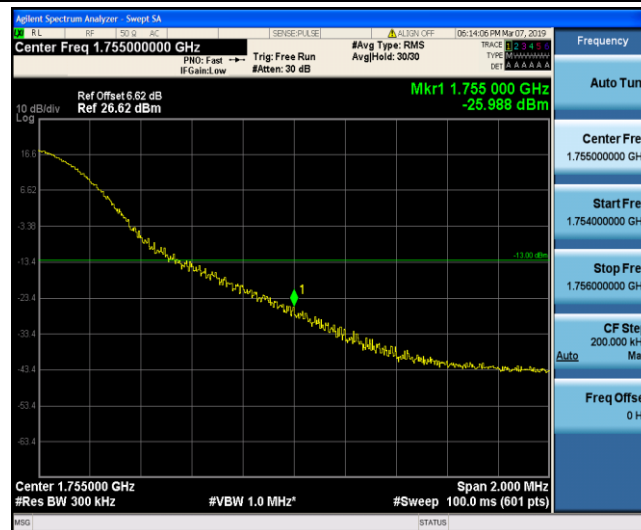


Band4_20MHz_QPSK_20050_100RB#0





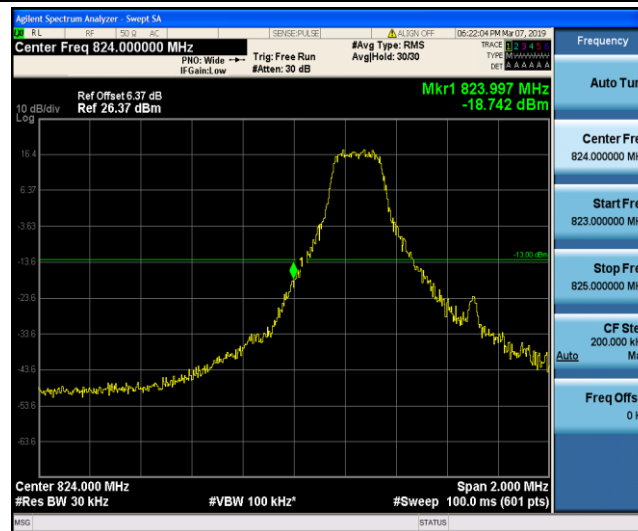
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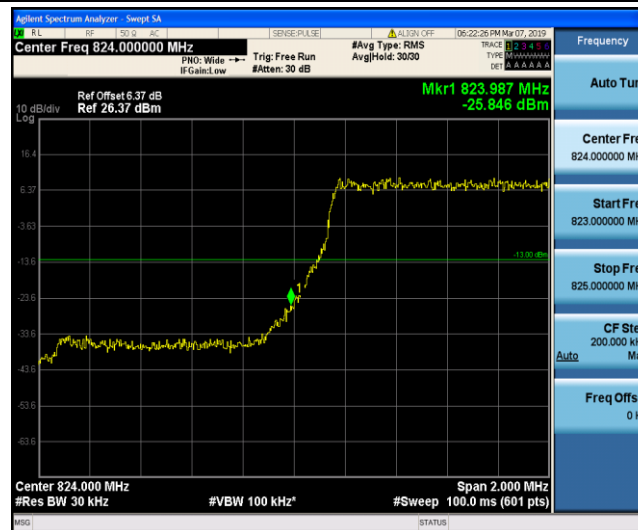
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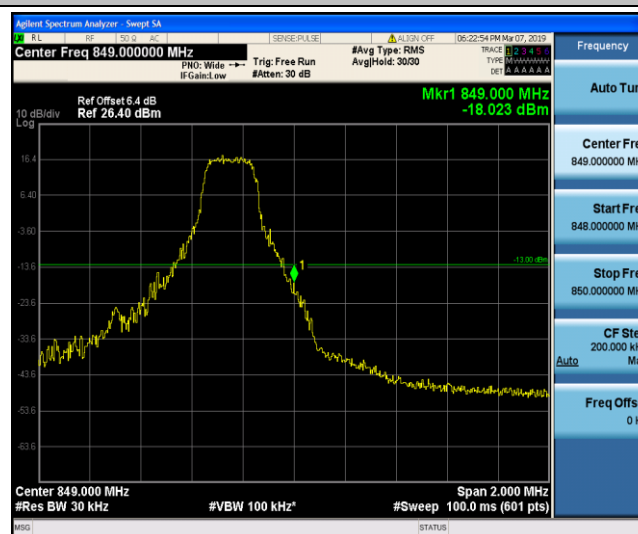
Band4_20MHz_16QAM_20300_100RB#0



Band5_1.4MHz_QPSK_20407_1RB#0



Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_QPSK_20643_1RB#5