



8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-16.58	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-23.40	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.51	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.82	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-17.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-24.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-21.48	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	-17.36	PASS
Band4	3MHz	QPSK	19965	15RB#0	-25.76	PASS
Band4	3MHz	QPSK	20385	1RB#14	-19.86	PASS
Band4	3MHz	QPSK	20385	15RB#0	-28.96	PASS
Band4	3MHz	16QAM	19965	1RB#0	-18.41	PASS
Band4	3MHz	16QAM	19965	15RB#0	-26.42	PASS
Band4	3MHz	16QAM	20385	1RB#14	-19.67	PASS
Band4	3MHz	16QAM	20385	15RB#0	-28.44	PASS
Band4	5MHz	QPSK	19975	1RB#0	-14.66	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.86	PASS
Band4	5MHz	QPSK	20375	1RB#24	-14.75	PASS
Band4	5MHz	QPSK	20375	25RB#0	-25.96	PASS
Band4	5MHz	16QAM	19975	1RB#0	-15.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.87	PASS
Band4	5MHz	16QAM	20375	1RB#24	-16.02	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.12	PASS
Band4	10MHz	QPSK	20000	1RB#0	-30.81	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.13	PASS
Band4	10MHz	QPSK	20350	1RB#49	-31.16	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.47	PASS
Band4	10MHz	16QAM	20000	1RB#0	-32.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	-32.01	PASS
Band4	10MHz	16QAM	20350	1RB#49	-30.43	PASS
Band4	10MHz	16QAM	20350	50RB#0	-33.65	PASS
Band4	15MHz	QPSK	20025	1RB#0	-22.40	PASS
Band4	15MHz	QPSK	20025	75RB#0	-27.09	PASS
Band4	15MHz	QPSK	20325	1RB#74	-22.63	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.77	PASS
Band4	15MHz	16QAM	20025	1RB#0	-22.21	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.89	PASS
Band4	15MHz	16QAM	20325	1RB#74	-24.01	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.35	PASS



Band4	20MHz	QPSK	20050	1RB#0	-26.63	PASS
Band4	20MHz	QPSK	20050	100RB#0	-29.21	PASS
Band4	20MHz	QPSK	20300	1RB#99	-28.49	PASS
Band4	20MHz	QPSK	20300	100RB#0	-35.06	PASS
Band4	20MHz	16QAM	20050	1RB#0	-27.86	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.16	PASS
Band4	20MHz	16QAM	20300	1RB#99	-27.11	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.14	PASS



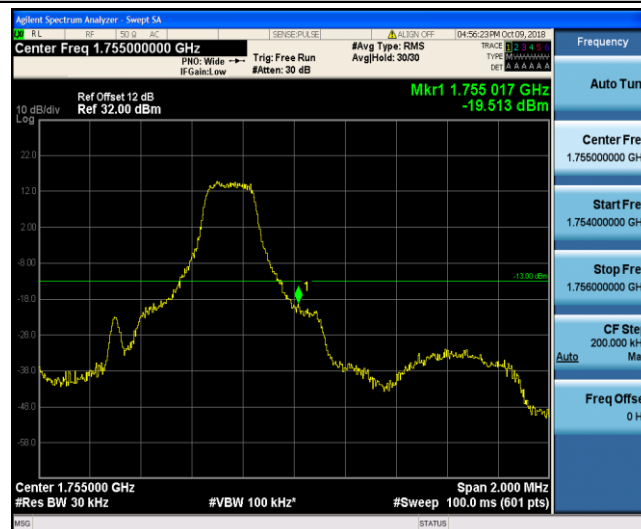
Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



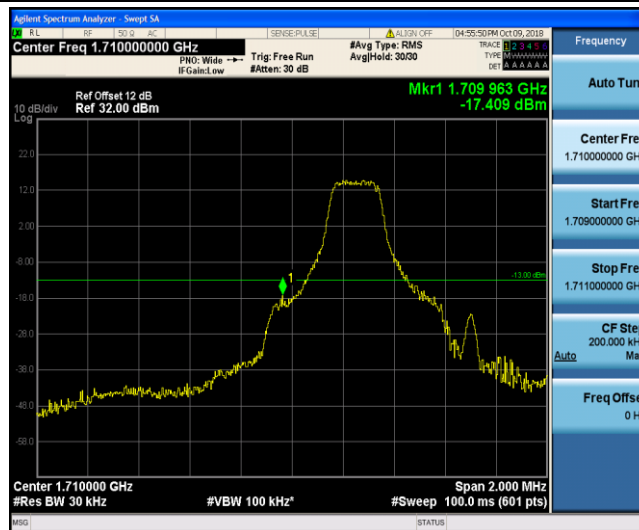
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Band4_1.4MHz_QPSK_20393_1RB#5



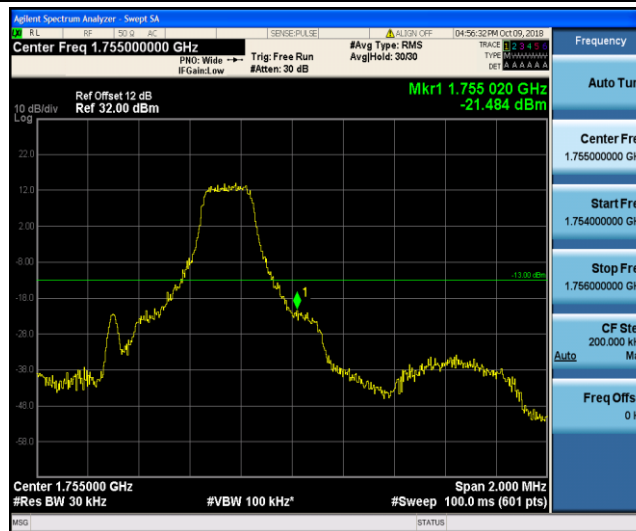
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Band4_1.4MHz_16QAM_19957_1RB#0



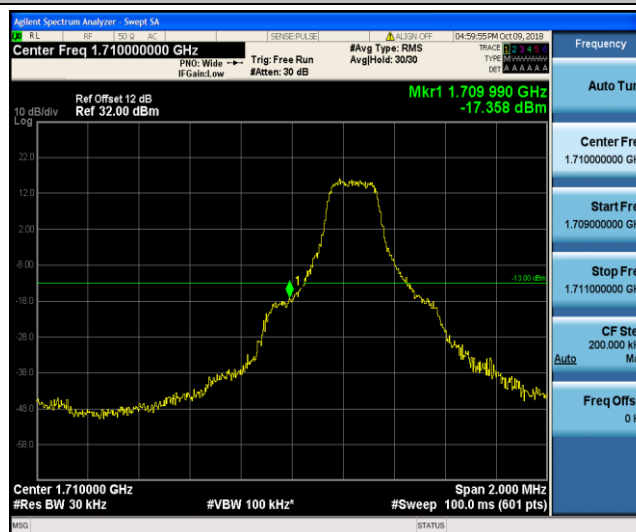
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Band4_1.4MHz_16QAM_20393_1RB#5



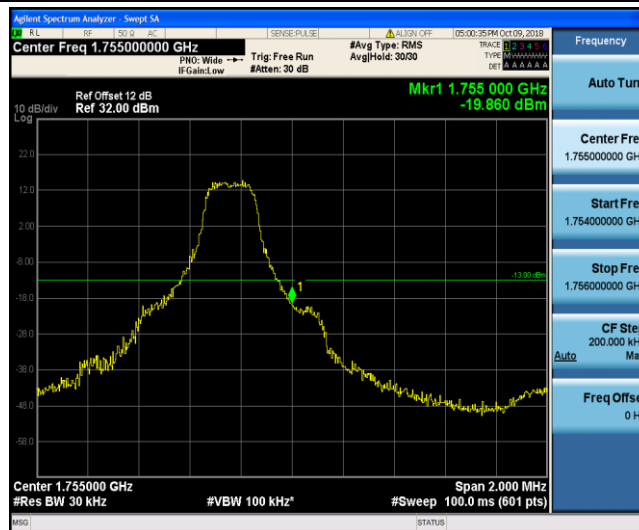
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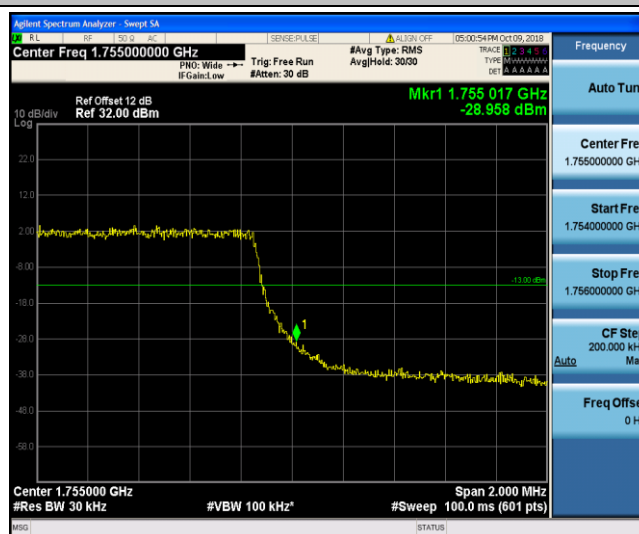
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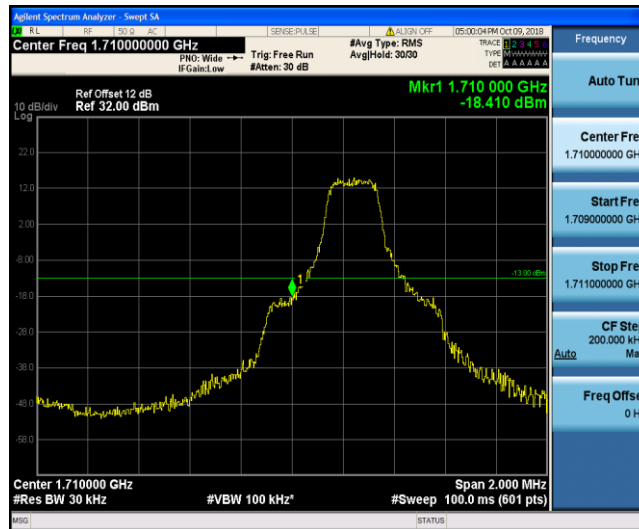
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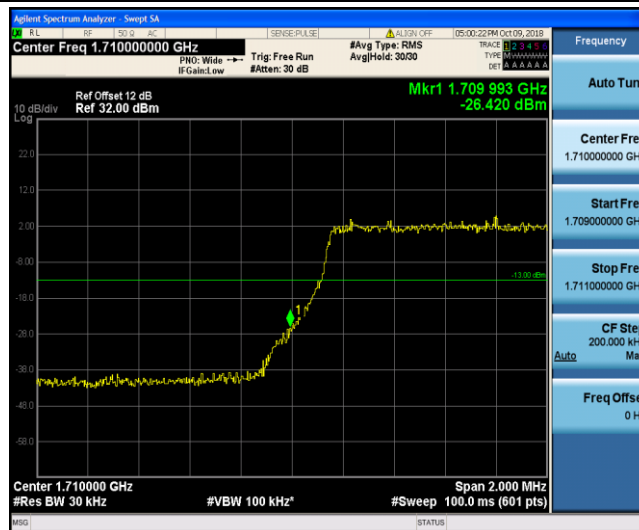
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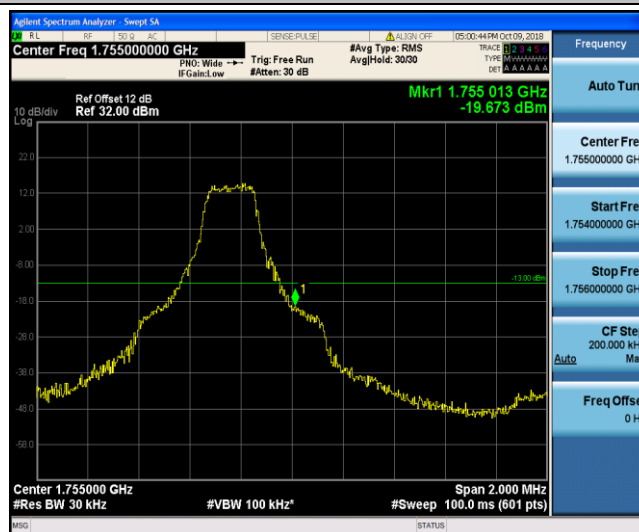
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Band4_3MHz_16QAM_19965_1RB#0



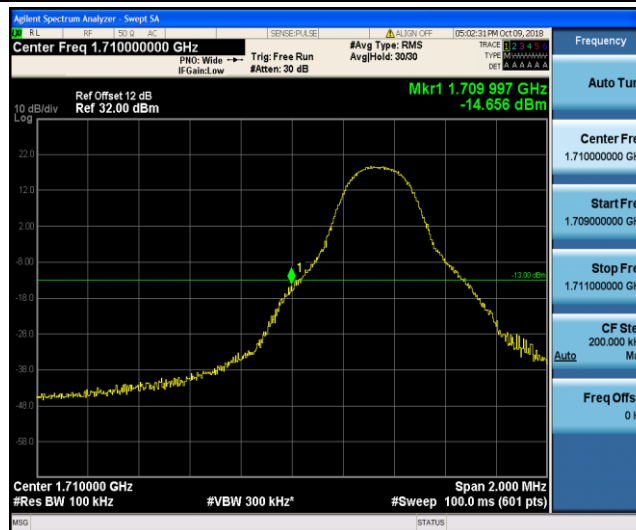
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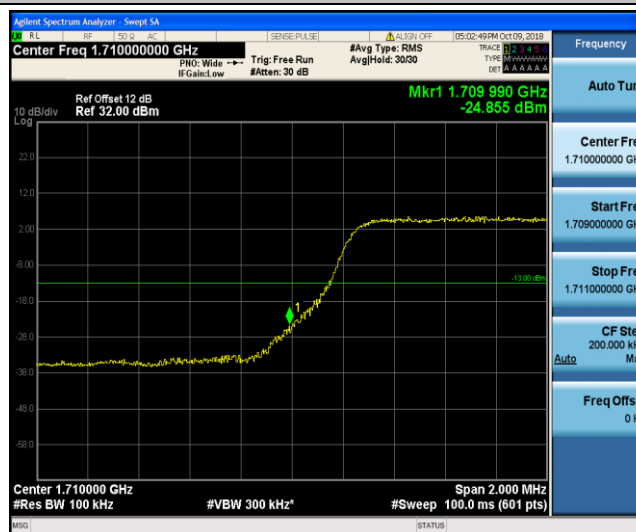
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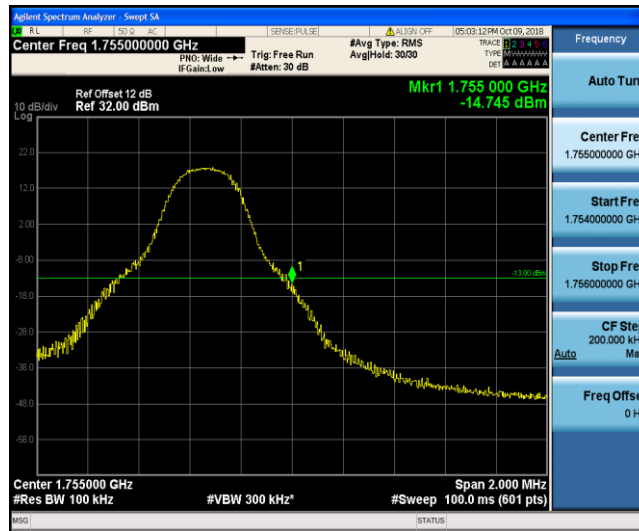
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Band4_5MHz_QPSK_19975_1RB#0



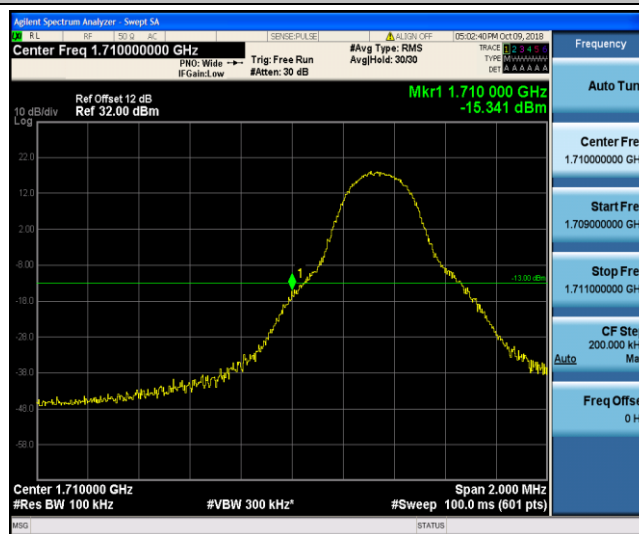
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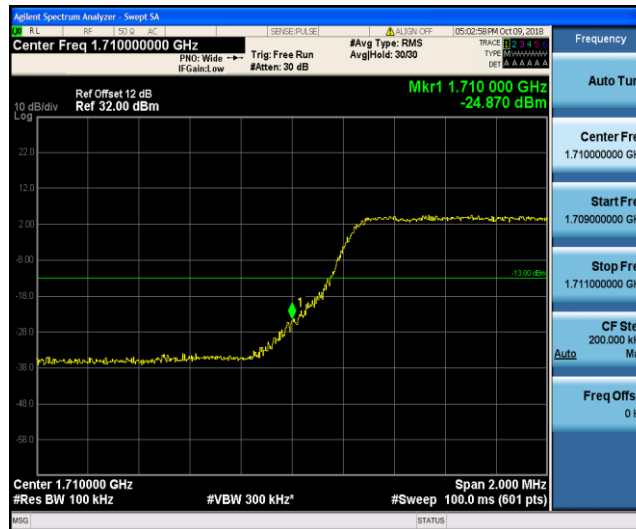
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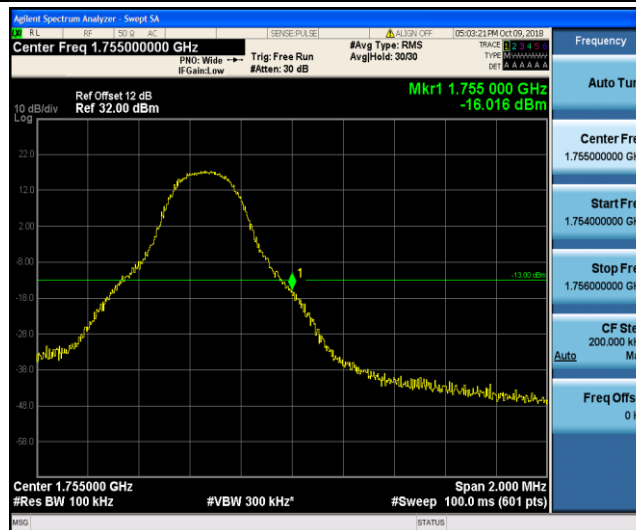
Band4_5MHz_QPSK_20375_25RB#0



Band4_5MHz_16QAM_19975_1RB#0



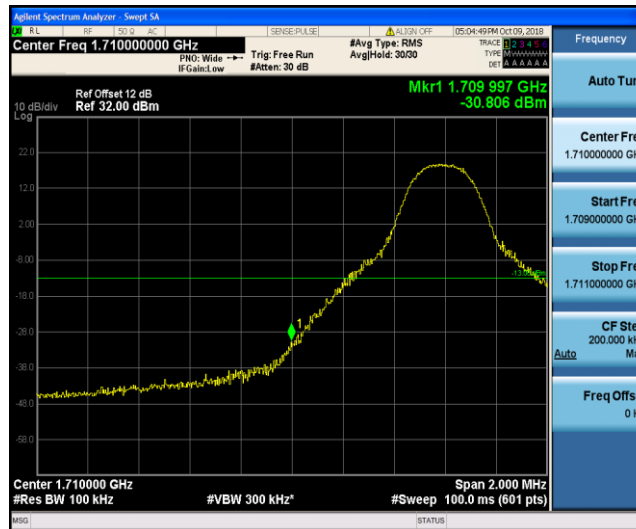
Band4_5MHz_16QAM_19975_25RB#0



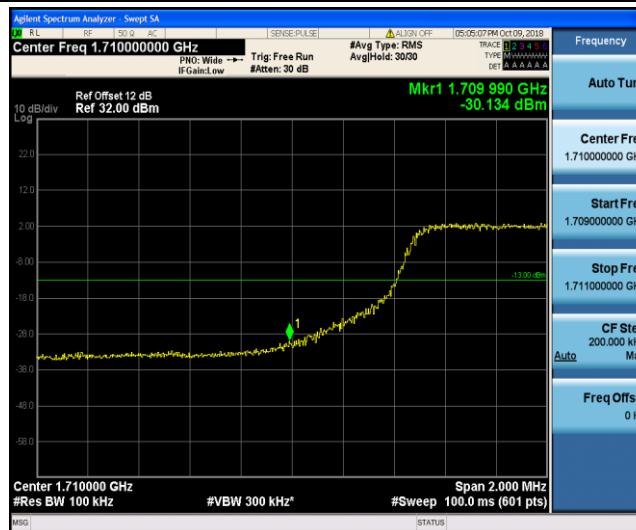
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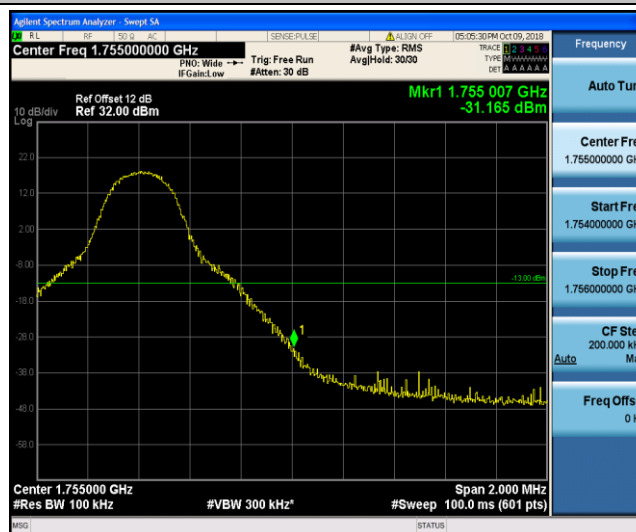
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Band4_10MHz_QPSK_20000_1RB#0



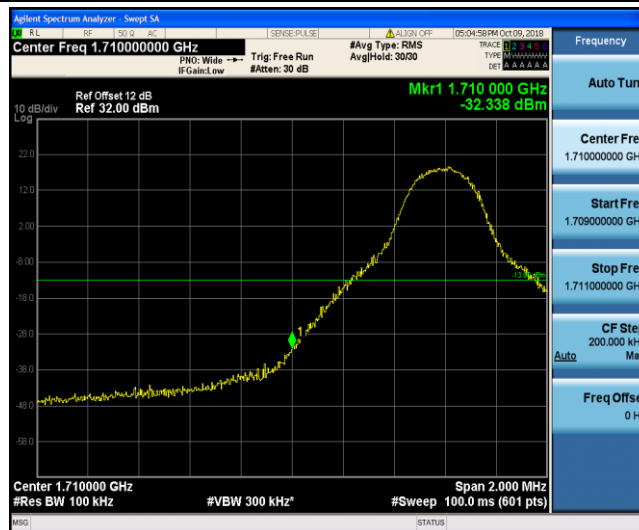
Band4_10MHz_QPSK_20000_50RB#0



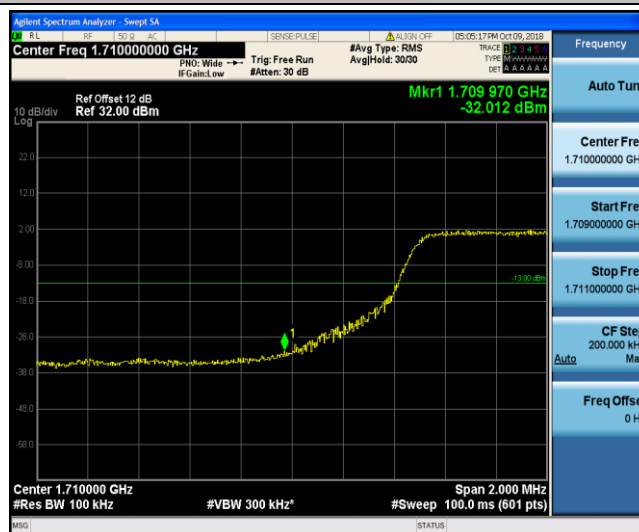
Band4_10MHz_QPSK_20350_1RB#49



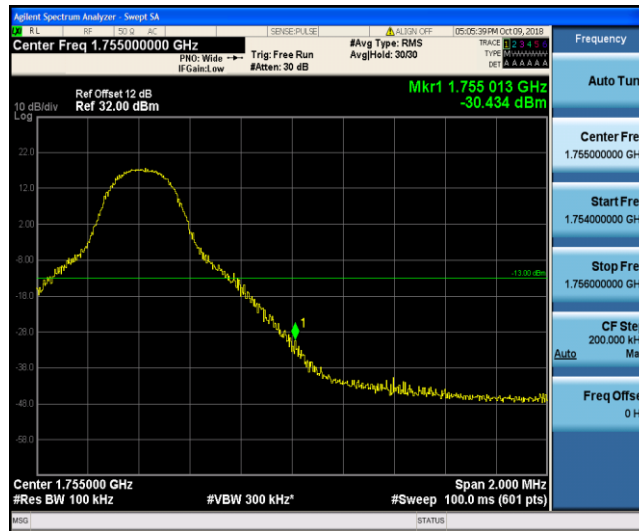
Band4_10MHz_QPSK_20350_50RB#0



Band4_10MHz_16QAM_20000_1RB#0



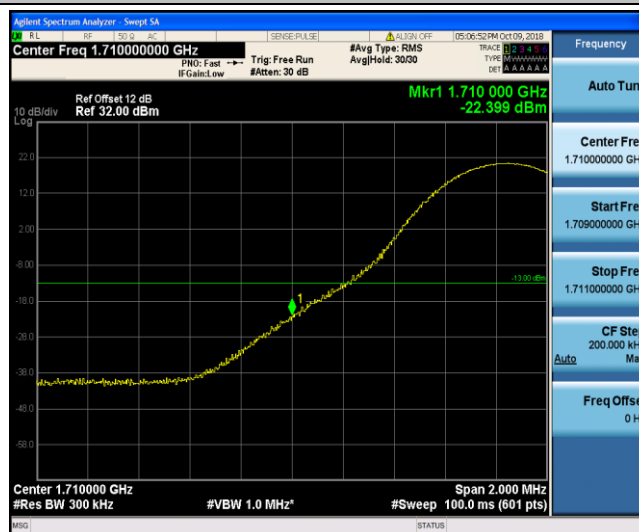
Band4_10MHz_16QAM_20000_50RB#0



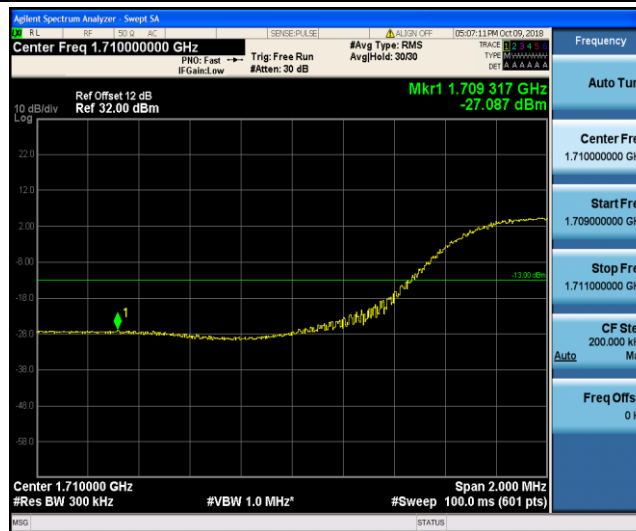
Band4_10MHz_16QAM_20350_1RB#49



Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_1RB#0



Band4_15MHz_QPSK_20025_75RB#0



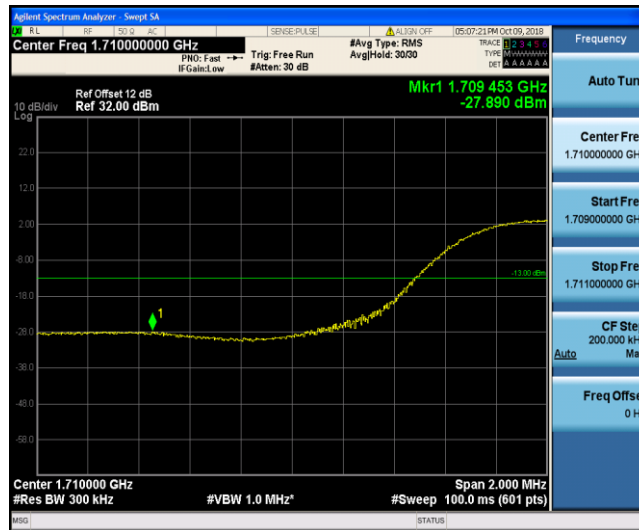
Band4_15MHz_QPSK_20325_1RB#74



Band4_15MHz_QPSK_20325_75RB#0



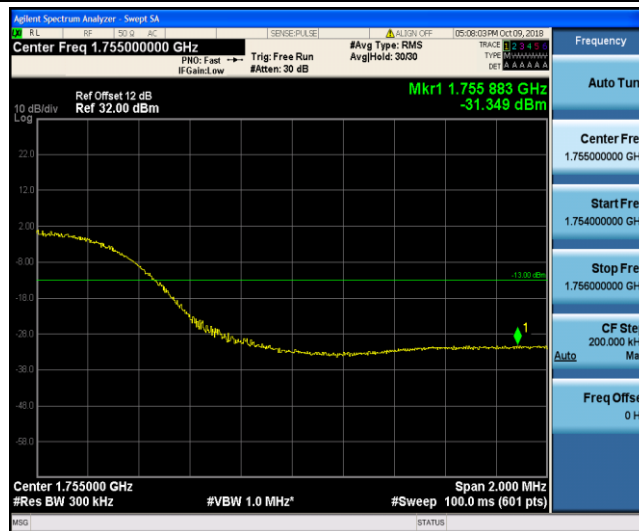
Band4_15MHz_16QAM_20025_1RB#0



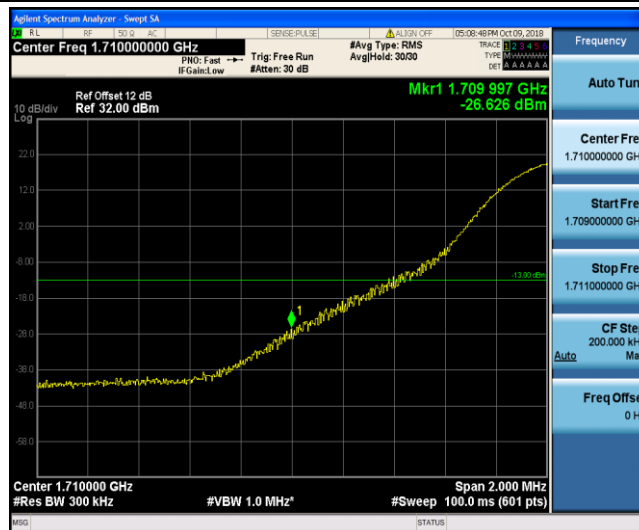
Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20325_1RB#74



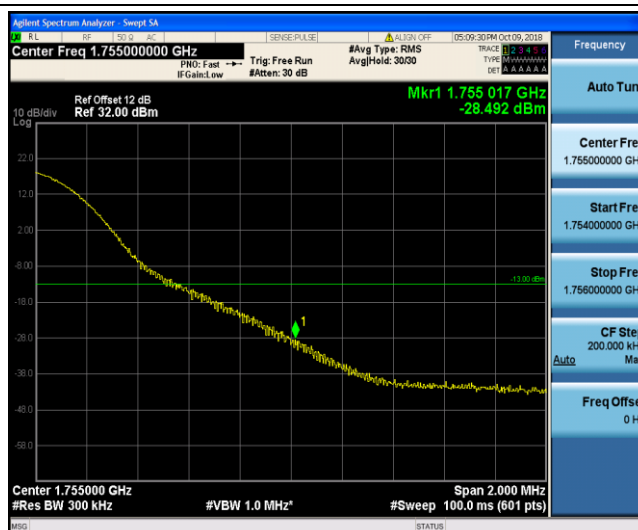
Band4_15MHz_16QAM_20325_75RB#0



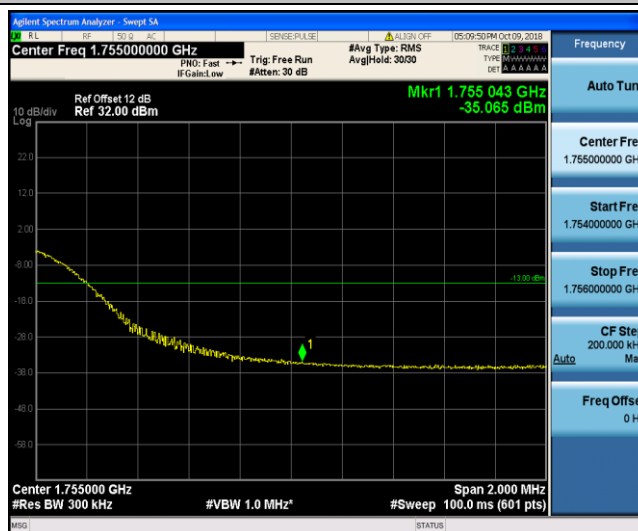
Band4_20MHz_QPSK_20050_1RB#0



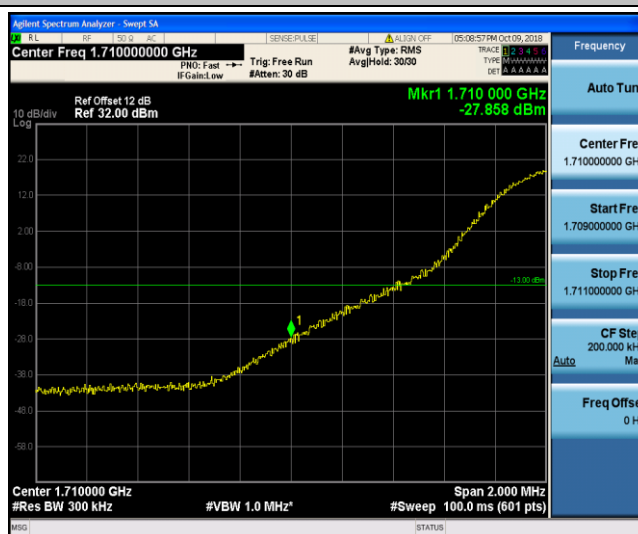
Band4_20MHz_QPSK_20050_100RB#0



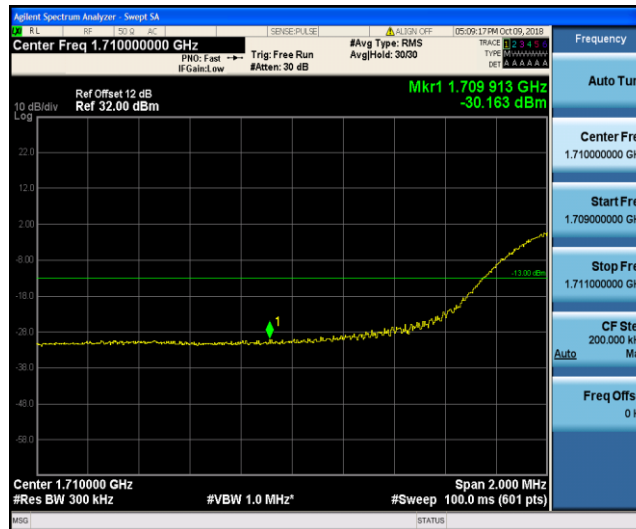
Band4 20MHz QPSK 20300 1RB#99



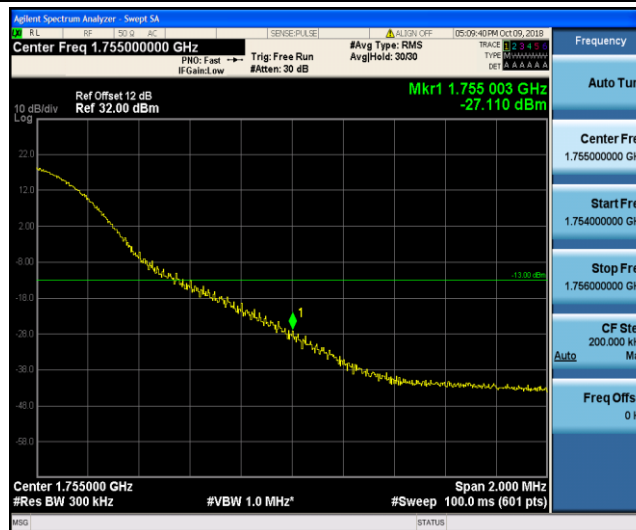
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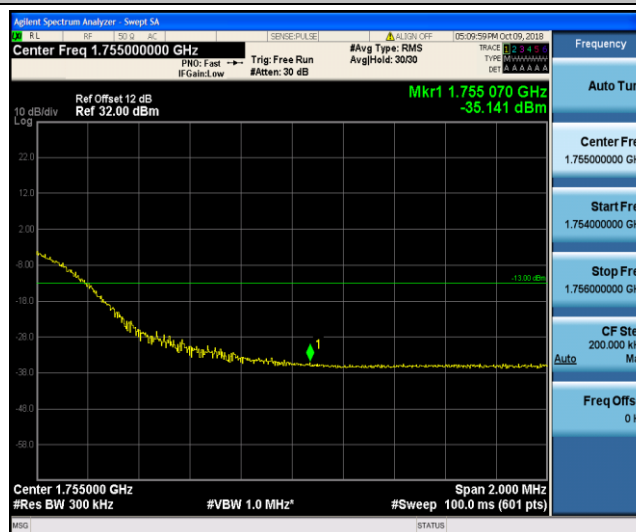
Band4	20MHz	16QAM	20050	1RB#0
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Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_16QAM_20300_1RB#99



Band4_20MHz_16QAM_20300_100RB#0



8.5 Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-47.59	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~26000MHz	-33.10	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.23	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-48.89	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~26000MHz	-33.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-48.10	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~26000MHz	-33.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.08	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-48.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~26000MHz	-33.14	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-48.73	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~26000MHz	-32.96	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.13	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-32.83	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-48.69	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~26000MHz	-33.19	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-49.19	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~26000MHz	-33.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.42	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.27	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-48.58	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~26000MHz	-33.10	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-48.47	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~26000MHz	-33.28	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.17	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-48.64	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~26000MHz	-33.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-48.76	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~26000MHz	-33.24	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.31	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-32.95	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~26000MHz	-33.13	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~26000MHz	-33.11	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-47.94	PASS



Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.20	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~26000MHz	-32.88	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-47.70	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~26000MHz	-33.13	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.22	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.07	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-48.50	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~26000MHz	-33.08	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-47.79	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~26000MHz	-33.13	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-48.51	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.08	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-49.22	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~26000MHz	-33.14	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-49.14	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~26000MHz	-33.15	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.33	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-48.80	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~26000MHz	-33.12	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-48.61	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~26000MHz	-32.98	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-48.84	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.17	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-49.02	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~26000MHz	-33.25	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-48.25	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~26000MHz	-33.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-48.99	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~26000MHz	-32.88	PASS