



Appendix E: Test Data for E-UTRA Band 4

Product Name: 6.5-inch 4G Smart Phone

Trade Mark: LOGIC, iSWAG, UNONU

Test Model: L65

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.32	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.46	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.47	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.44	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.80	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.72	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.81	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.76	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.75	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.74	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.67	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.14	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.12	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.08	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.14	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.38	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.18	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.18	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.18	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.31	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.78	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.03	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.77	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.69	PASS



Band4	1.4MHz	16QAM	20175	3RB#0	20.69	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.02	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.12	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.04	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.61	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.33	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.22	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.17	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.42	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.40	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.32	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.81	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.79	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.68	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.63	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.64	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.73	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.83	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.96	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.01	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.16	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.14	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.96	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.12	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.27	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.06	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.35	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.57	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.35	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.49	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.38	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.21	PASS



Band4	3MHz	16QAM	20175	1RB#14	21.21	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.04	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.79	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.68	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.57	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.48	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.74	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.02	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.01	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.30	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.71	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.59	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.48	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.05	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.13	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.43	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.50	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.50	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.21	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.25	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.81	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.68	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.76	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.49	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.60	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.80	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.66	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.26	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.20	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.11	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.11	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.14	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.18	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.17	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.34	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.15	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.02	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.67	PASS



Band4	5MHz	16QAM	19975	12RB#0	20.34	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.33	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.60	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.73	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.88	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.63	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.59	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.44	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.35	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.66	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.51	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.75	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.63	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.58	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.40	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.35	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.03	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.78	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.15	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.17	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.05	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.96	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.66	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.85	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.46	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.46	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.84	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.57	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.06	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.95	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.12	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.09	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.26	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.08	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.13	PASS



Band4	10MHz	16QAM	20000	1RB#24	20.73	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.44	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.03	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.31	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.31	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.45	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.38	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.74	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.46	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.53	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.49	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.41	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.39	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.33	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.05	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.89	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.08	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.74	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.60	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.58	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.44	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.17	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.74	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.70	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.97	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.51	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.98	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.04	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.86	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.69	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.45	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.85	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.58	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.71	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.02	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.09	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.84	PASS



Band4	15MHz	QPSK	20325	38RB#18	21.13	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.86	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.88	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.11	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.47	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.71	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.97	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.53	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.71	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.86	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.53	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.84	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.50	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.56	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.45	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.85	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.74	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.94	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.85	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.13	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.80	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.92	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.13	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.82	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.72	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.96	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.45	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.06	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.05	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.95	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.97	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.44	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.61	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.57	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.47	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.85	PASS



Band4	20MHz	QPSK	20175	100RB#0	20.82	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.09	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.46	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.41	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.91	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.93	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.17	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.71	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.13	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.90	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.79	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.62	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.53	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.48	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.68	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.79	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.21	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.90	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.85	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.71	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.64	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.50	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.38	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.47	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.39	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.38	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.31	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.59	PASS



E.2 Peak-to-Average Ratio(CCDF)

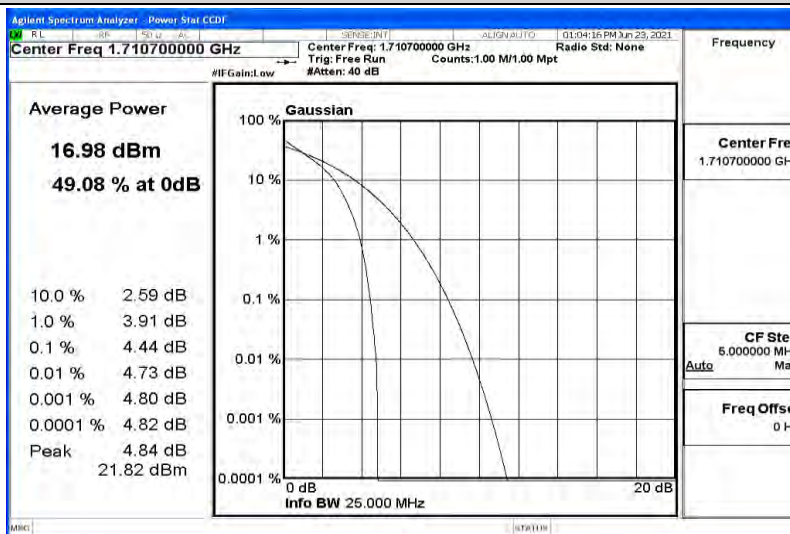
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.44	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.33	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.62	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.33	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.15	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.24	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.52	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	6.24	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.41	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.53	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.22	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.43	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.79	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.34	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.53	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.58	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.14	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.49	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.05	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.59	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.84	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.42	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.04	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.21	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.67	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.98	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.18	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.16	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.27	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.80	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.15	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.25	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.77	13	PASS

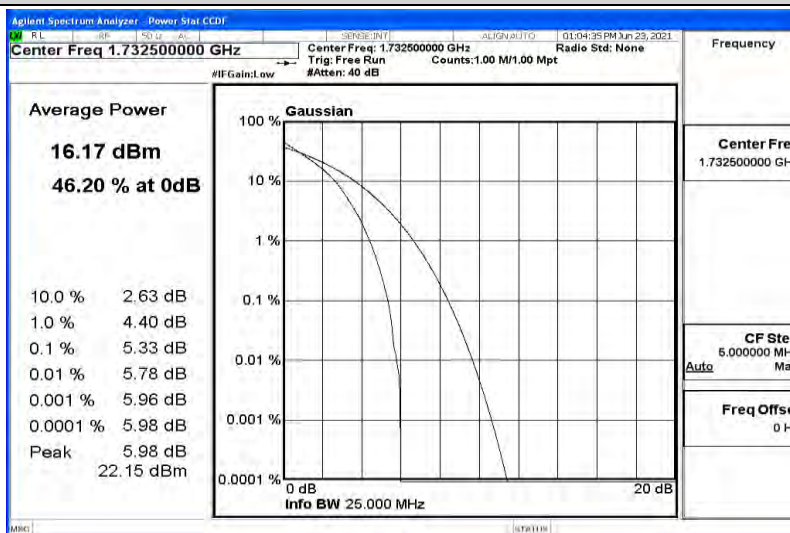


Test Graphs

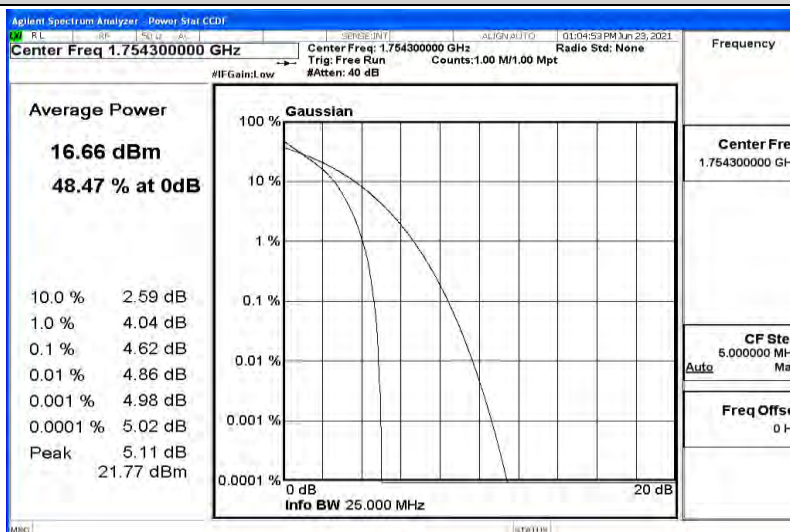
Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20175-6RB#0

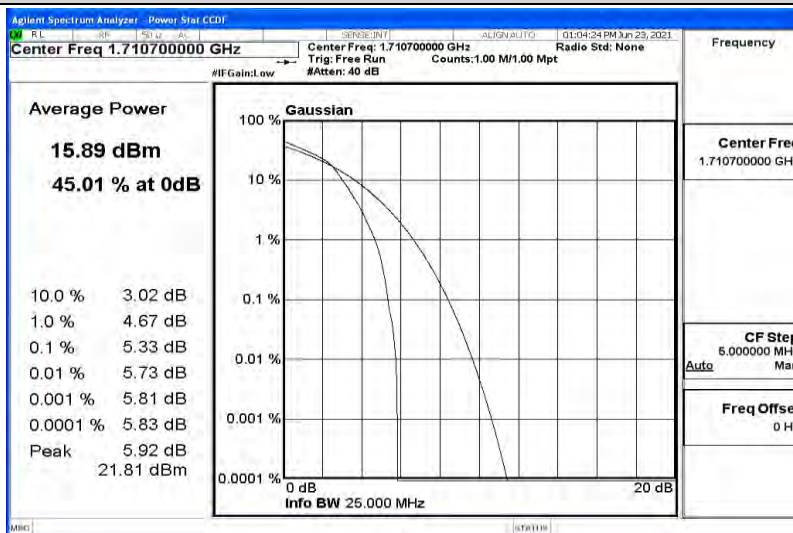


Band4-1.4MHz-QPSK-20393-6RB#0

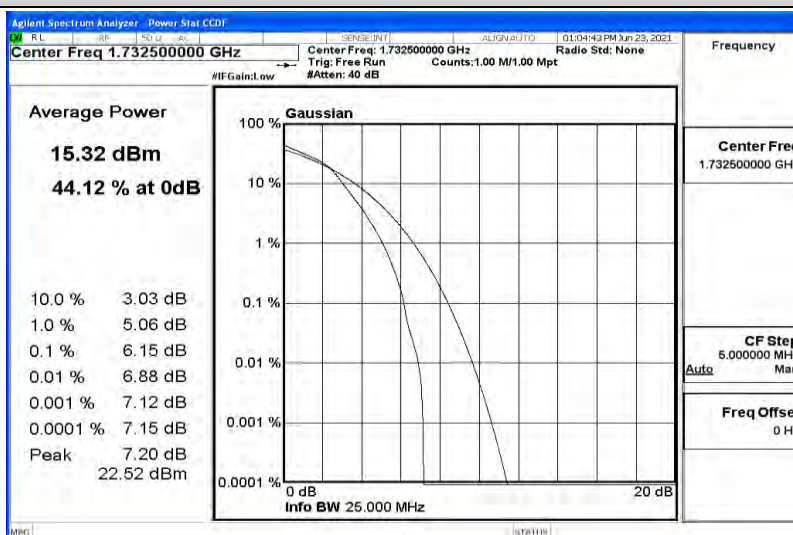




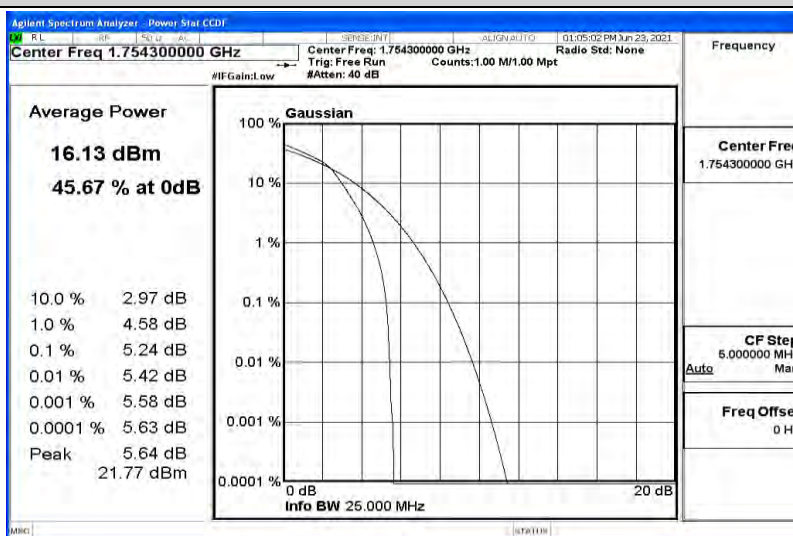
Band4-1.4MHz-16QAM-19957-6RB#0



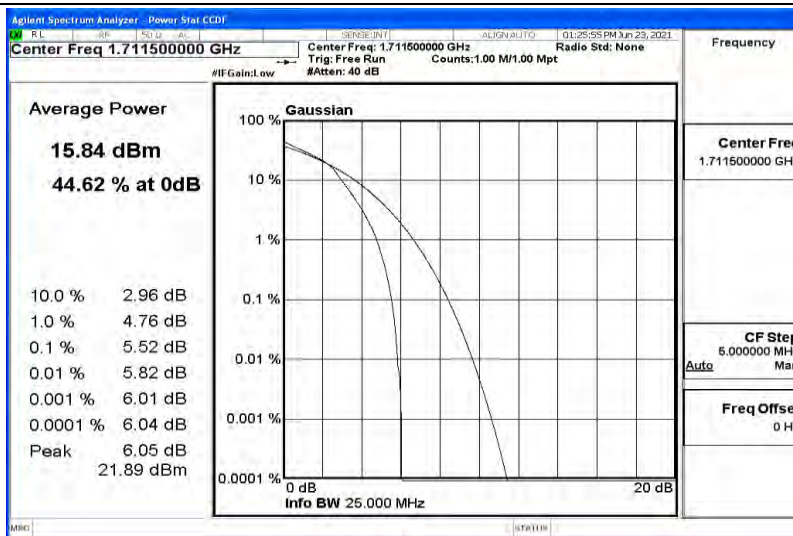
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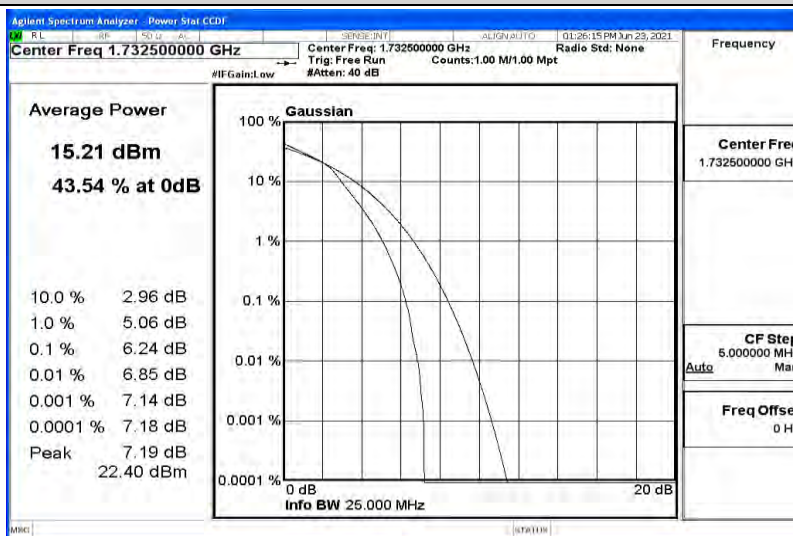
Band4-1.4MHz-16QAM-20393-6RB#0



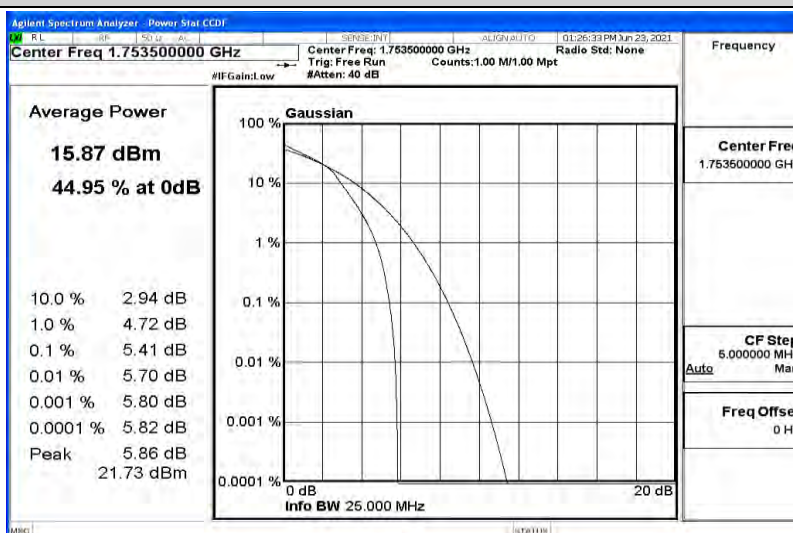
Band4-3MHz-QPSK-19965-15RB#0



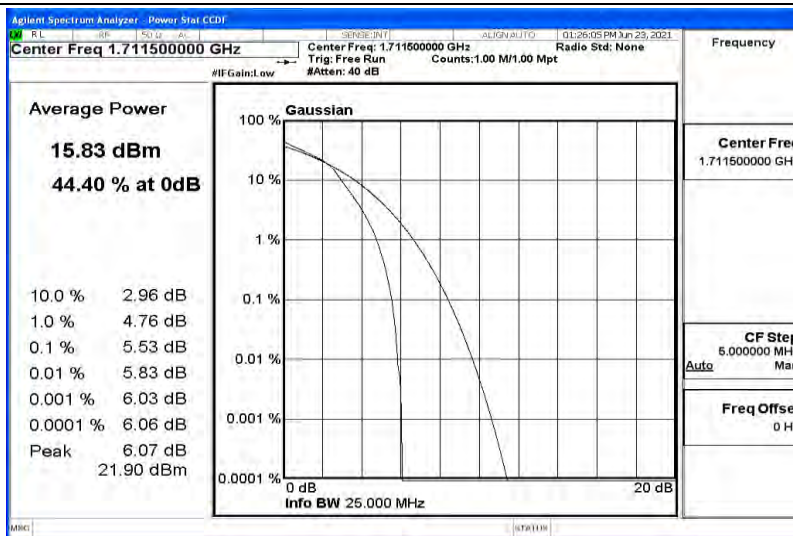
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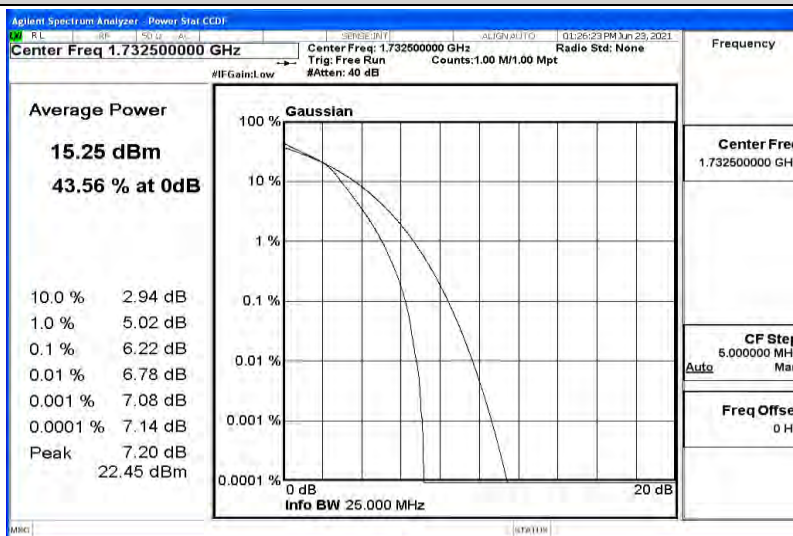
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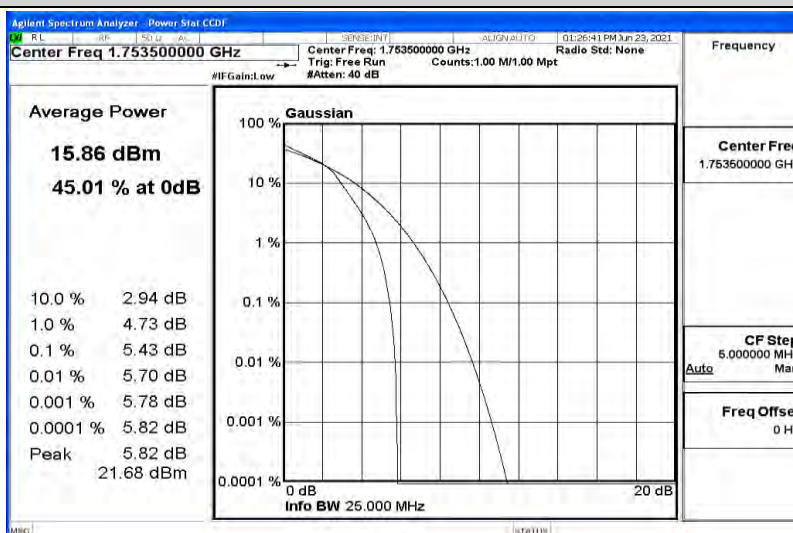
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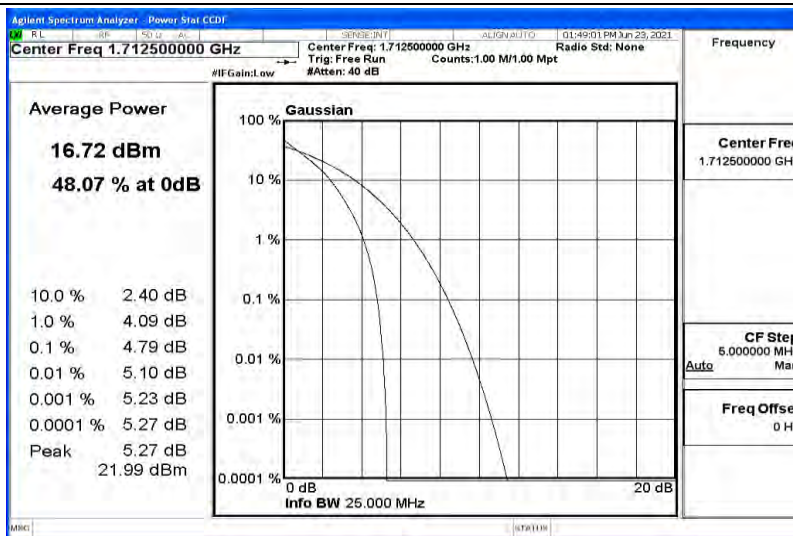
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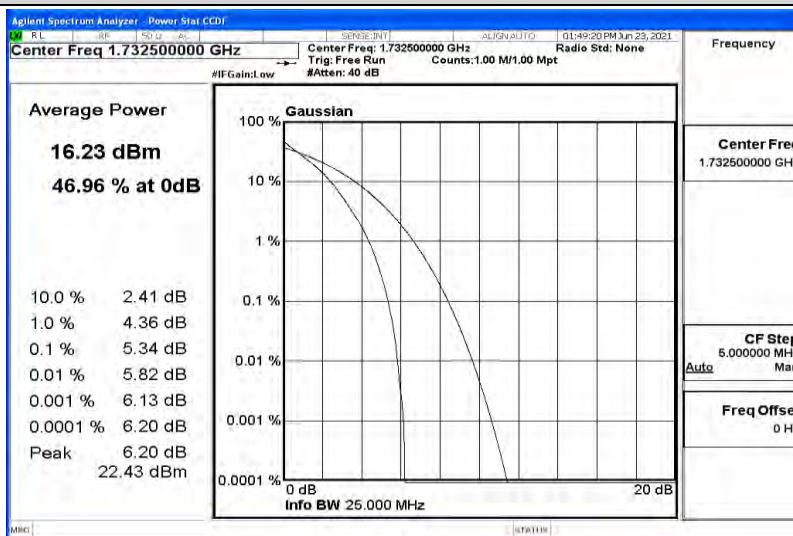
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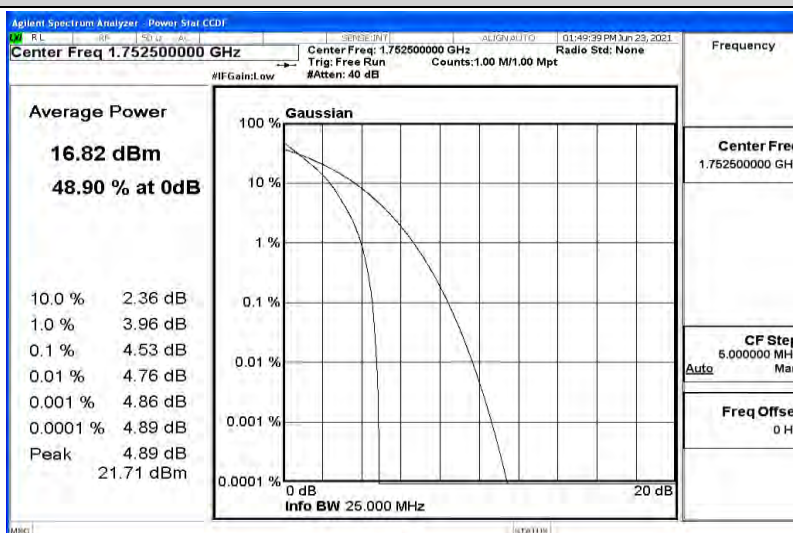
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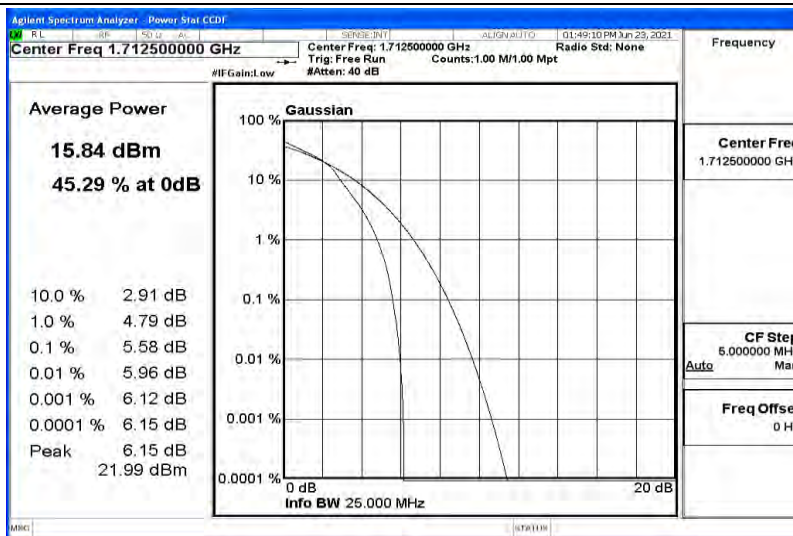
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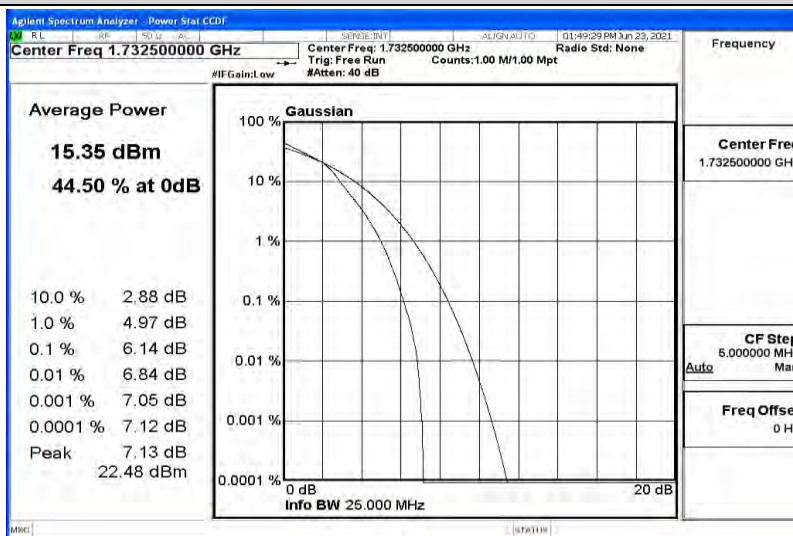
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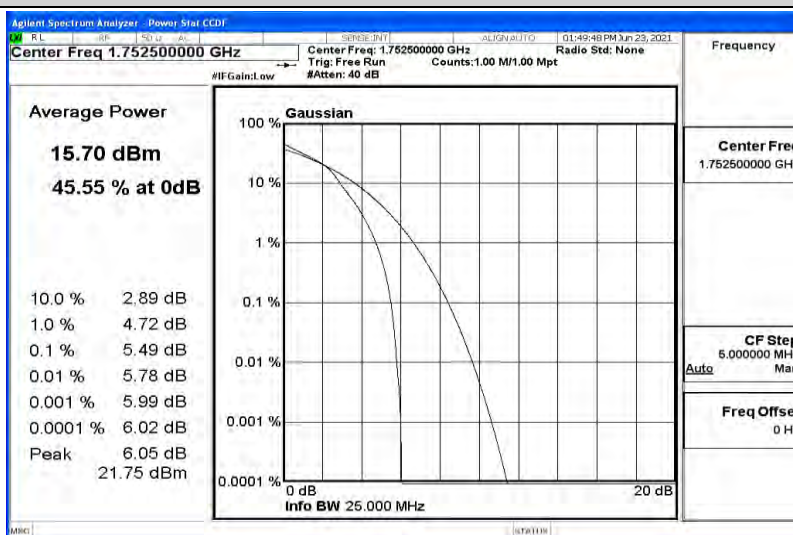
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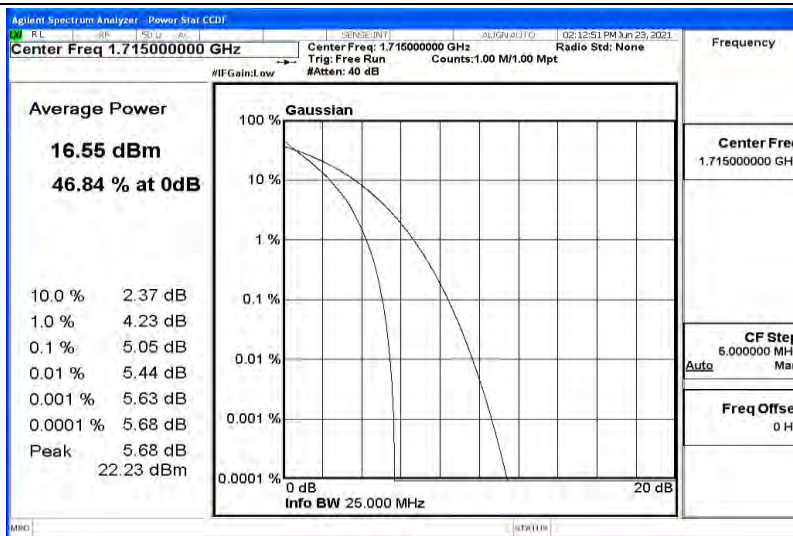
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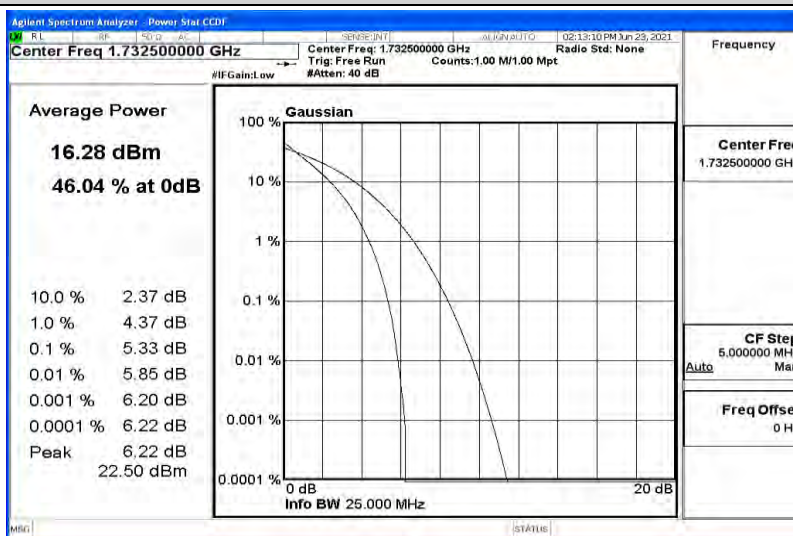
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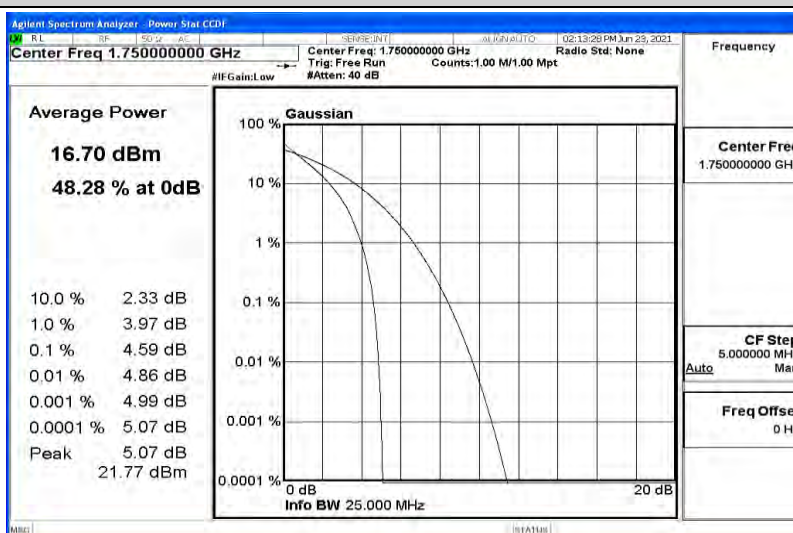
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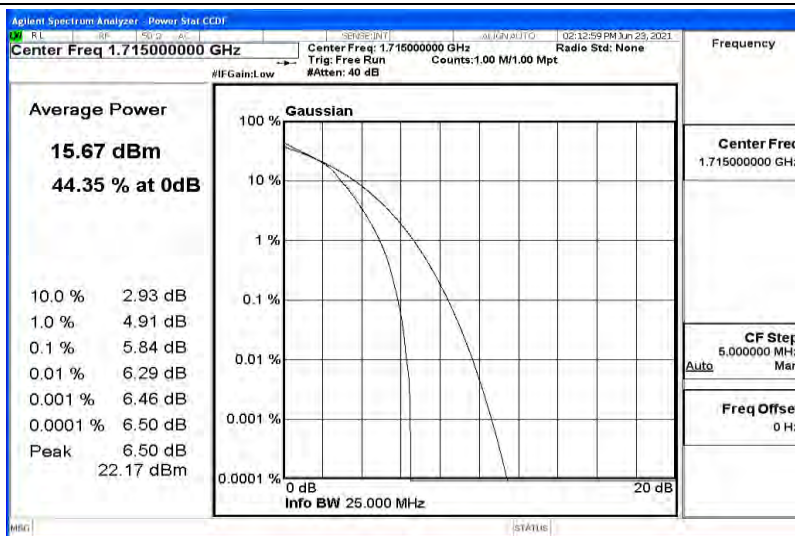
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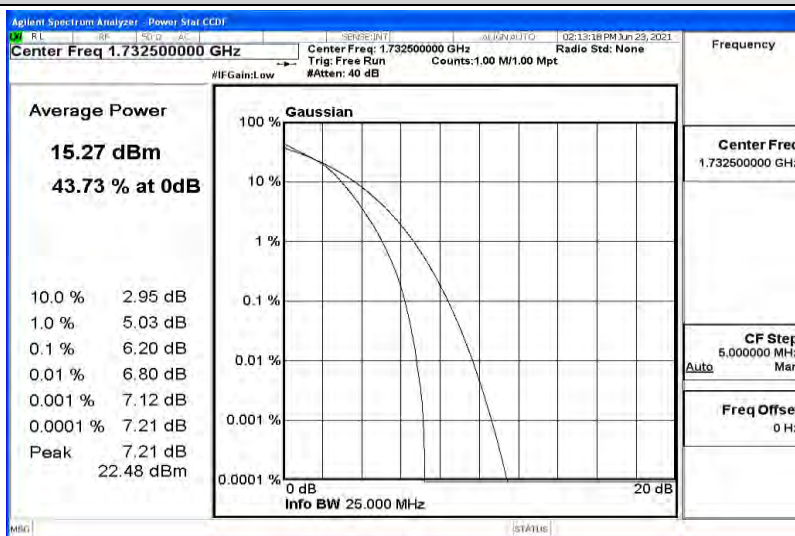
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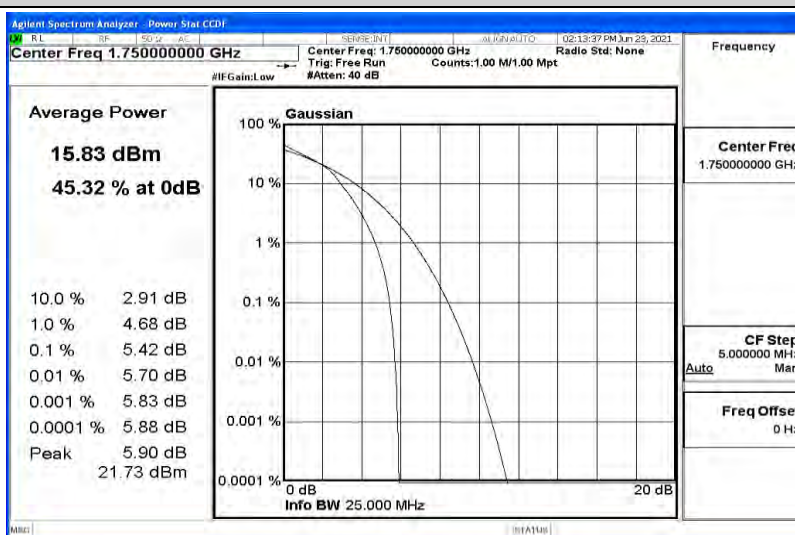
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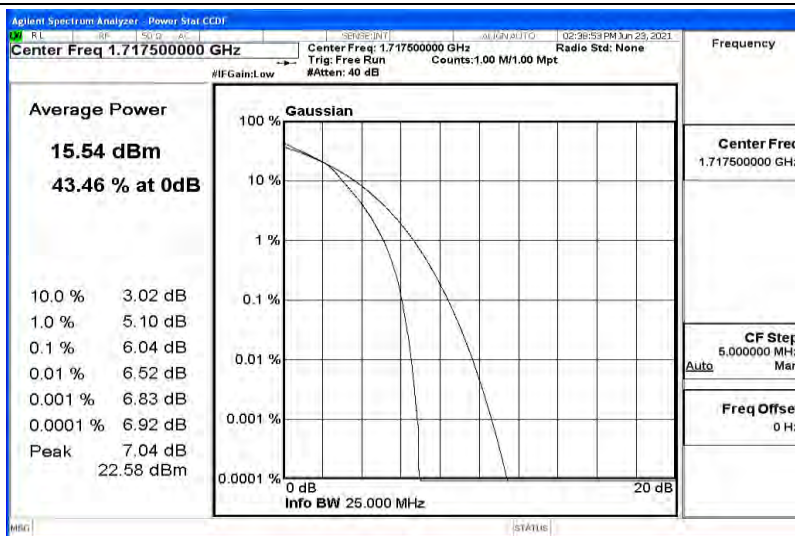
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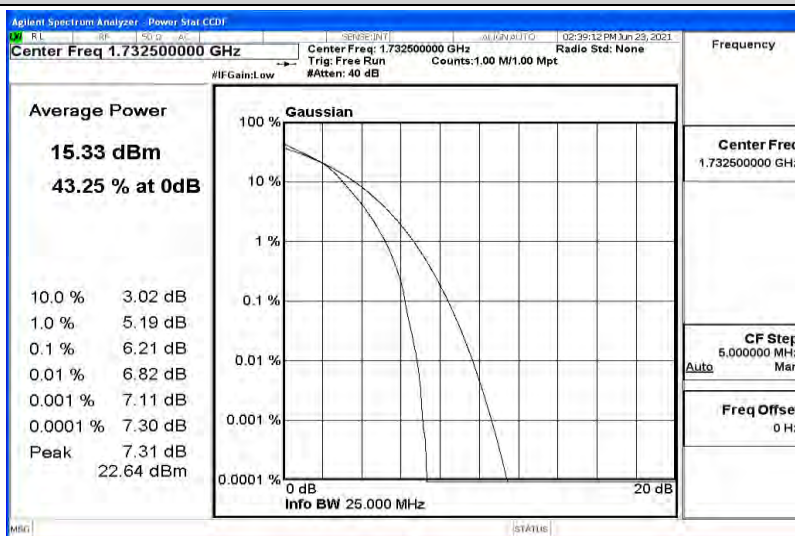
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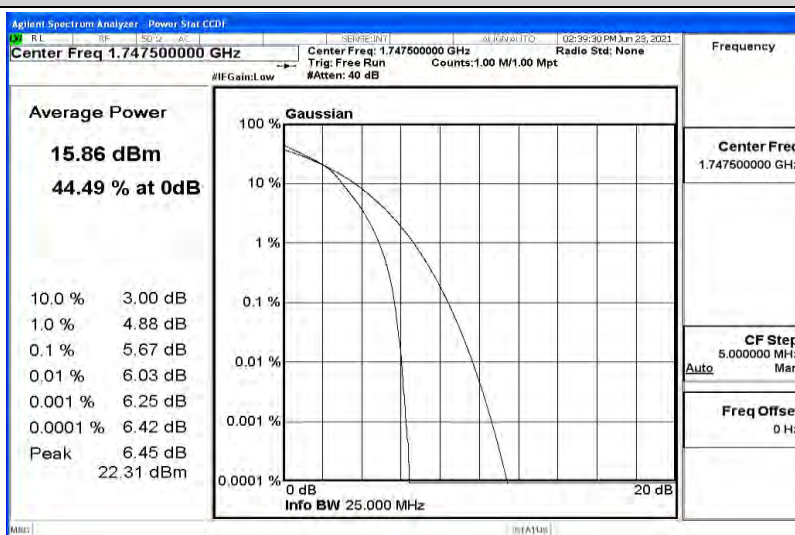
Band4-15MHz-QPSK-20025-75RB#0



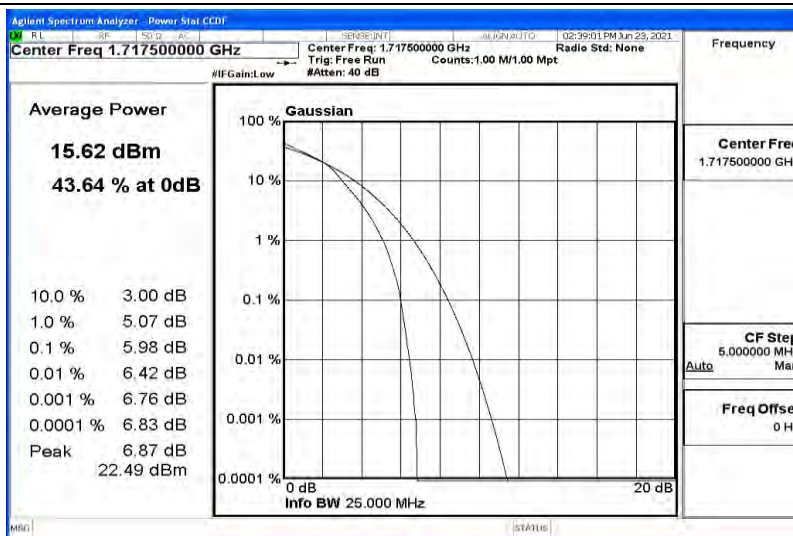
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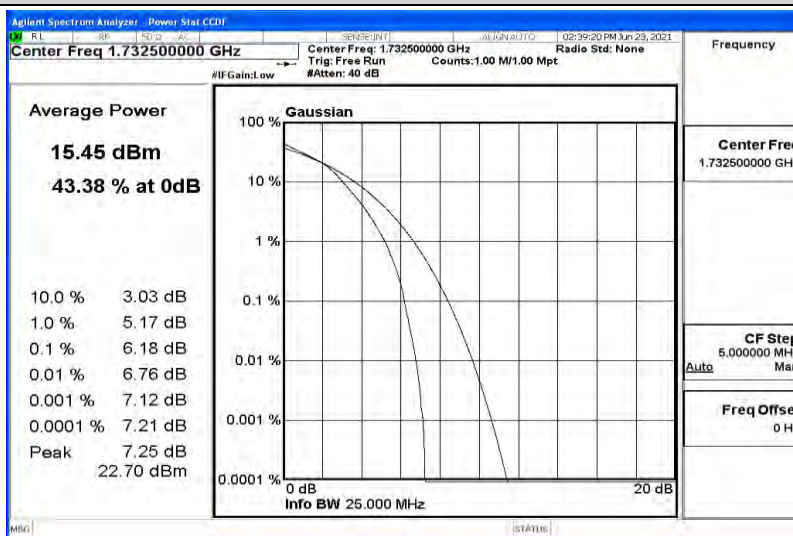
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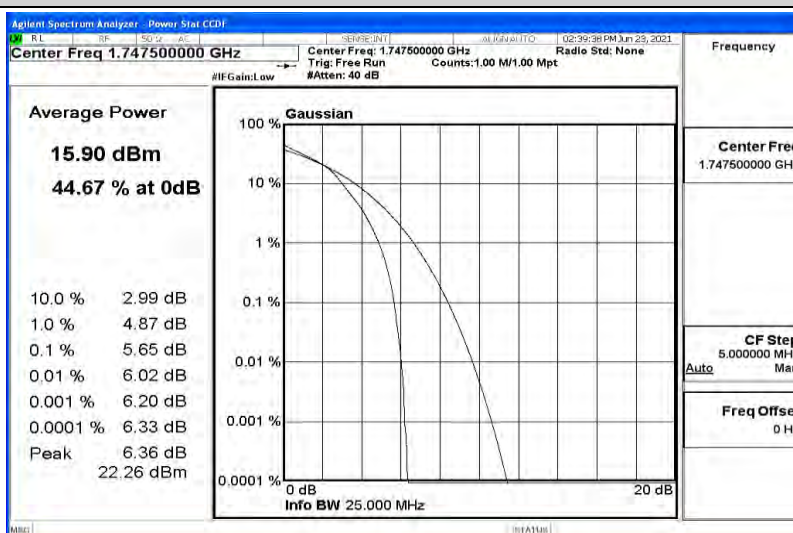
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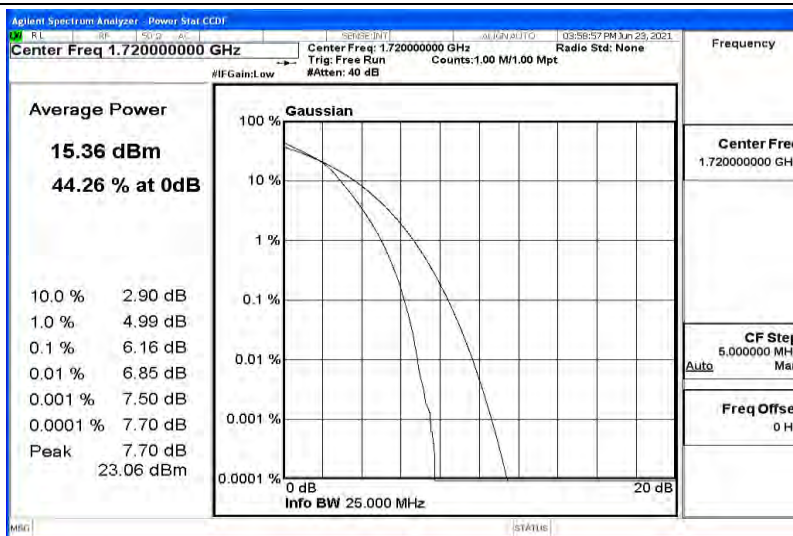
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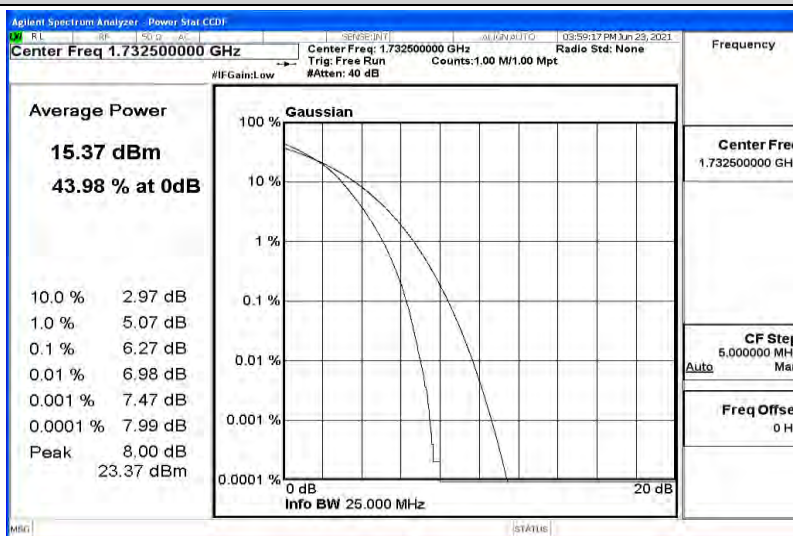
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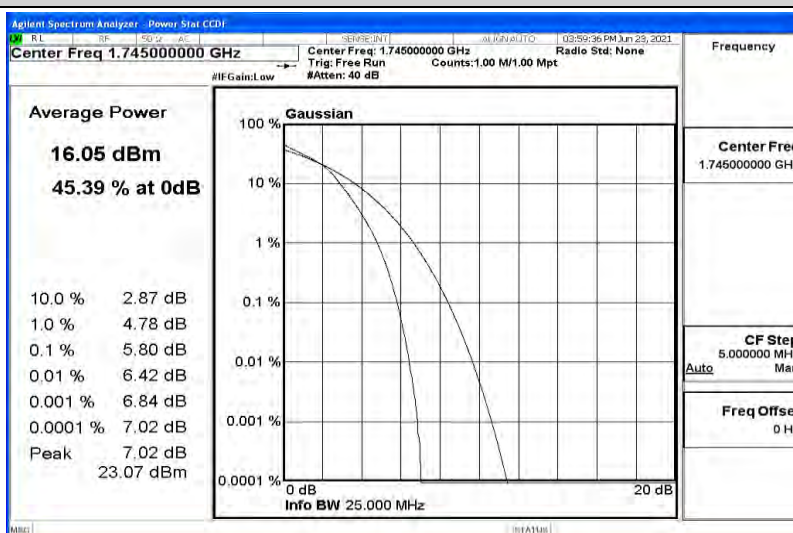
Band4-20MHz-QPSK-20050-100RB#0



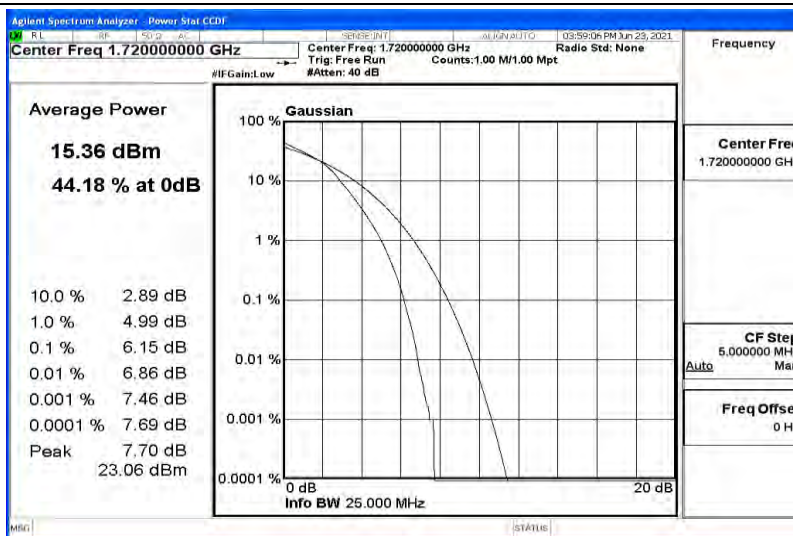
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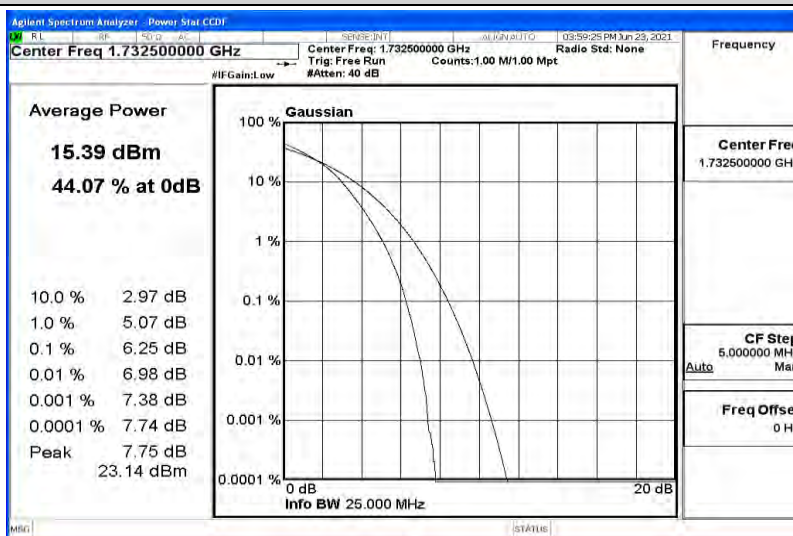
Band4-20MHz-QPSK-20300-100RB#0



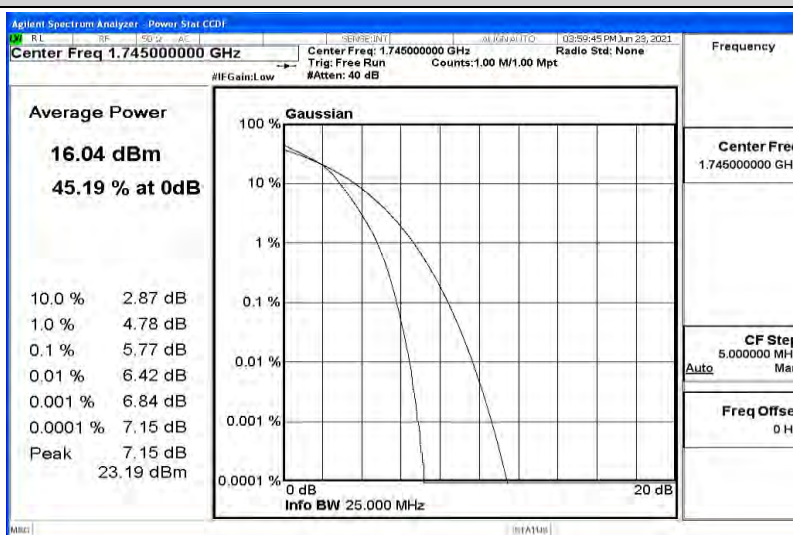
Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0





E.3 26dB Bandwidth and Occupied Bandwidth

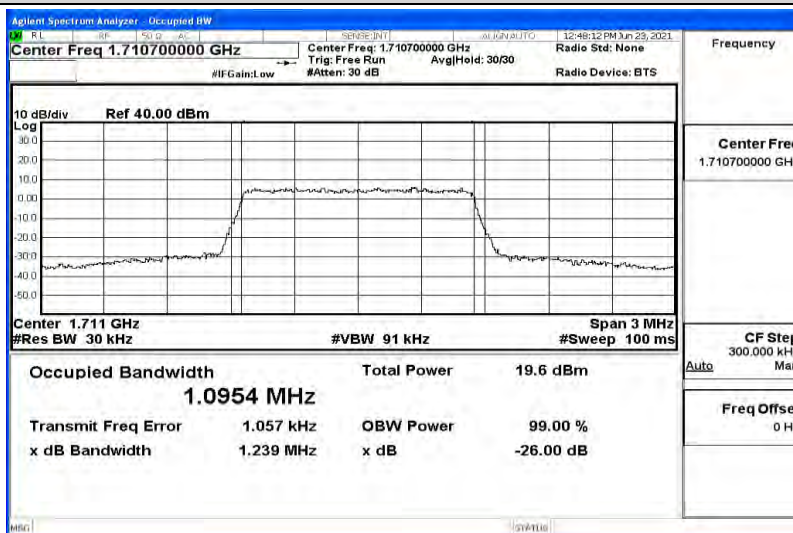
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0954	1.239	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0886	1.232	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0910	1.232	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0860	1.241	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0871	1.231	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0934	1.247	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6939	2.978	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6941	2.942	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6908	2.970	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6980	2.989	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6957	2.974	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6977	2.960	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4954	4.893	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5084	4.884	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5009	4.887	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4963	4.900	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5031	4.871	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5005	4.880	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9953	9.601	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9830	9.528	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9860	9.598	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9873	9.614	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9861	9.579	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9752	9.553	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.461	14.30	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.492	14.28	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.461	14.29	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.461	14.37	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.32	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.459	14.25	PASS
Band4	20MHz	QPSK	20050	100RB#0	9.1700	10.08	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.990	19.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.947	19.02	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.985	19.08	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.992	19.01	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.944	19.03	PASS

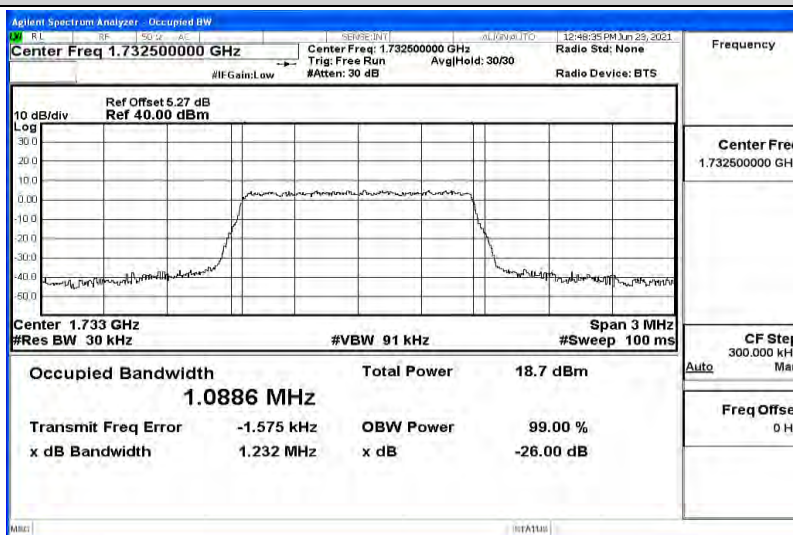


Test Graphs

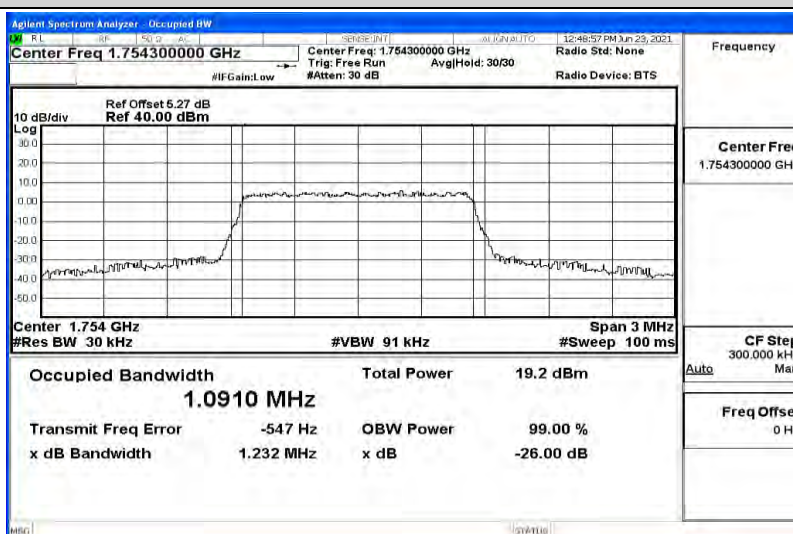
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Band4-1.4MHz-QPSK-20175-6RB#0-1.0886

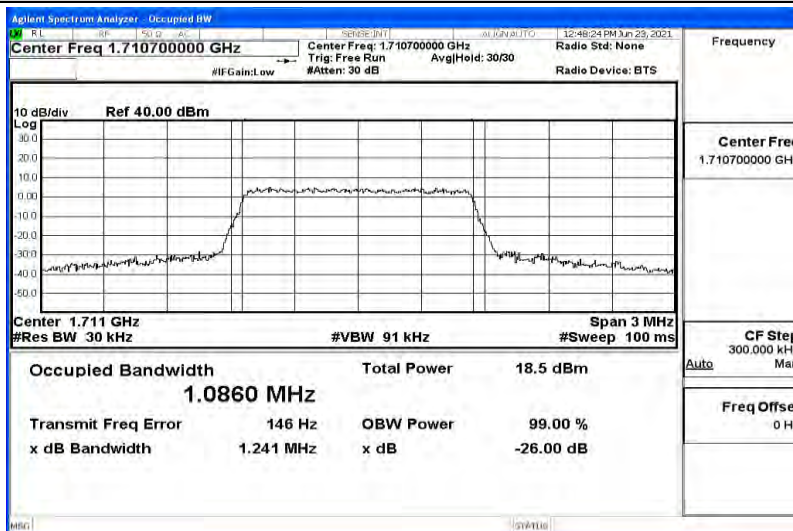


Band4-1.4MHz-QPSK-20393-6RB#0-1.0910

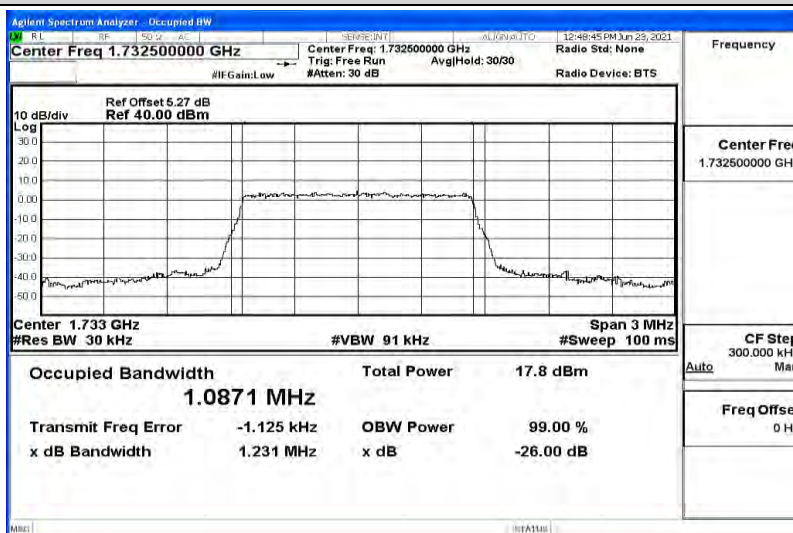




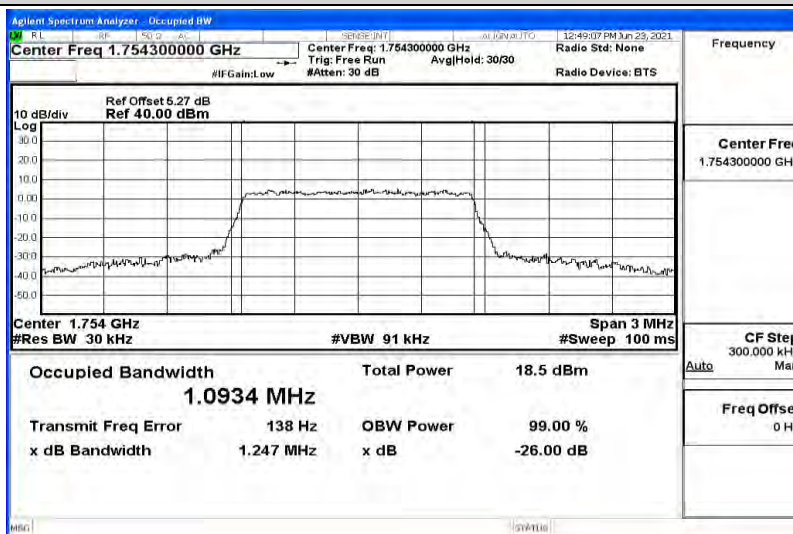
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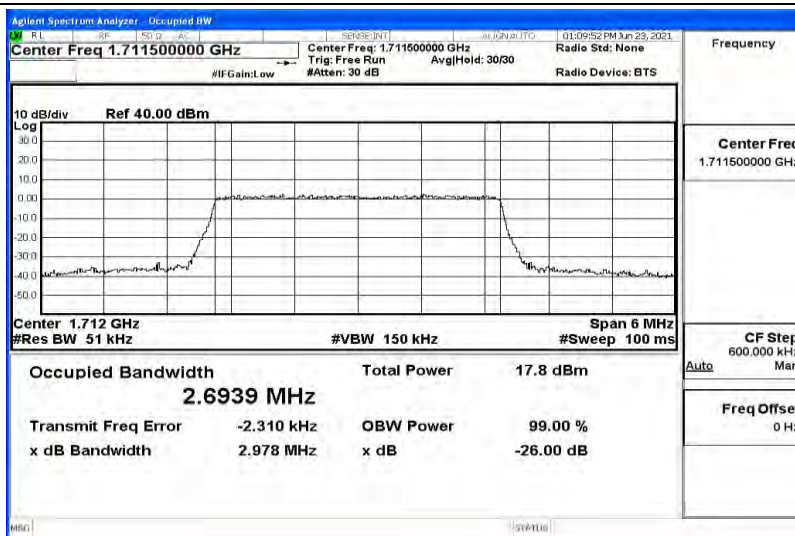
Band4-1.4MHz-16QAM-20175-6RB#0-1.0871



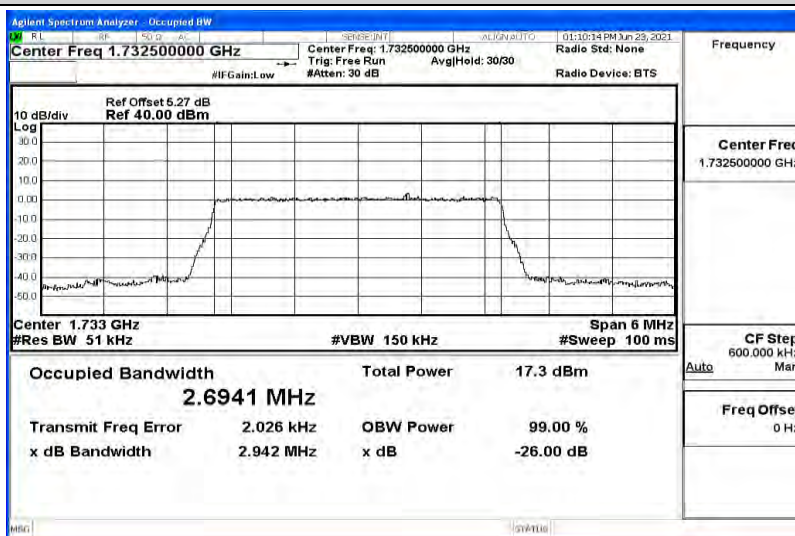
Band4-1.4MHz-16QAM-20393-6RB#0-1.0934



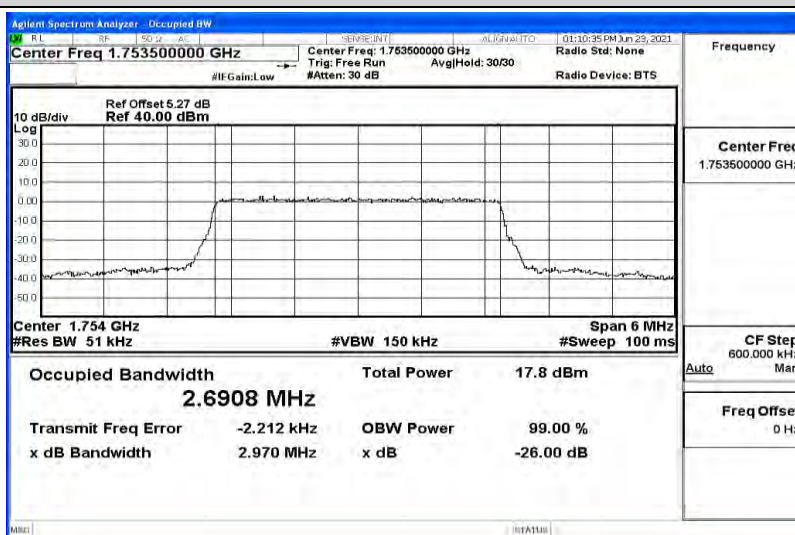
Band4-3MHz-QPSK-19965-15RB#0-2.6939



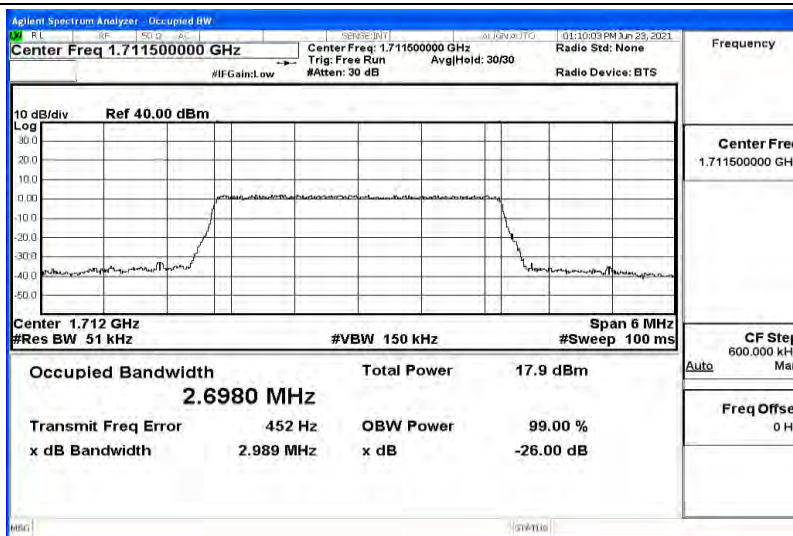
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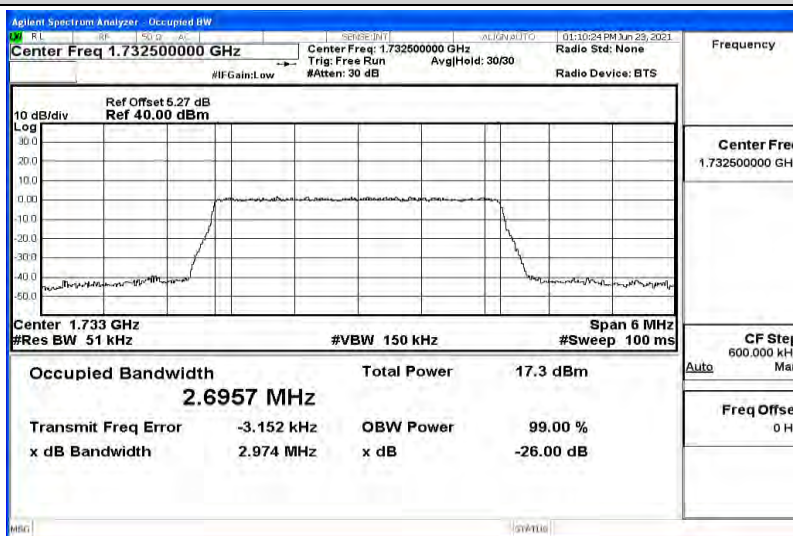
Band4-3MHz-QPSK-20385-15RB#0-2.6908



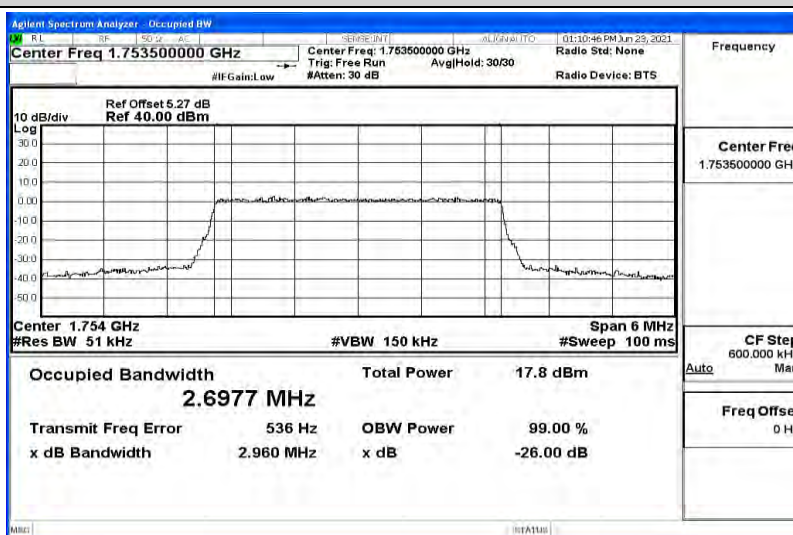
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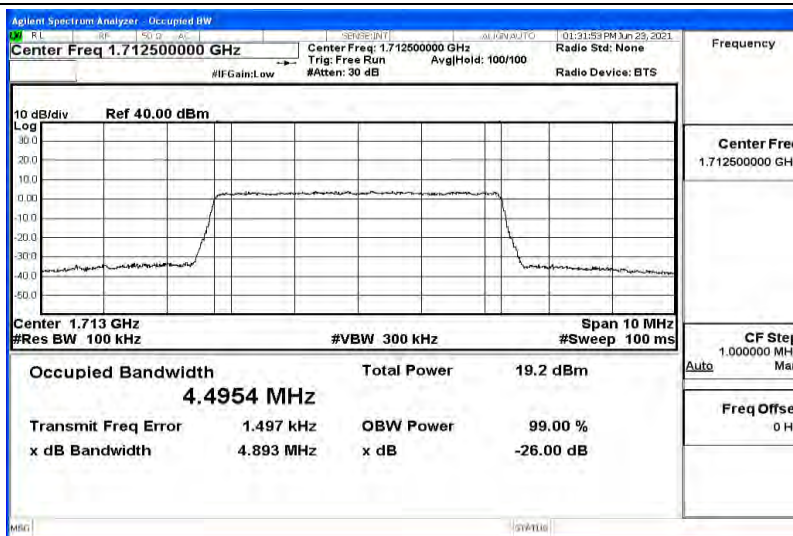
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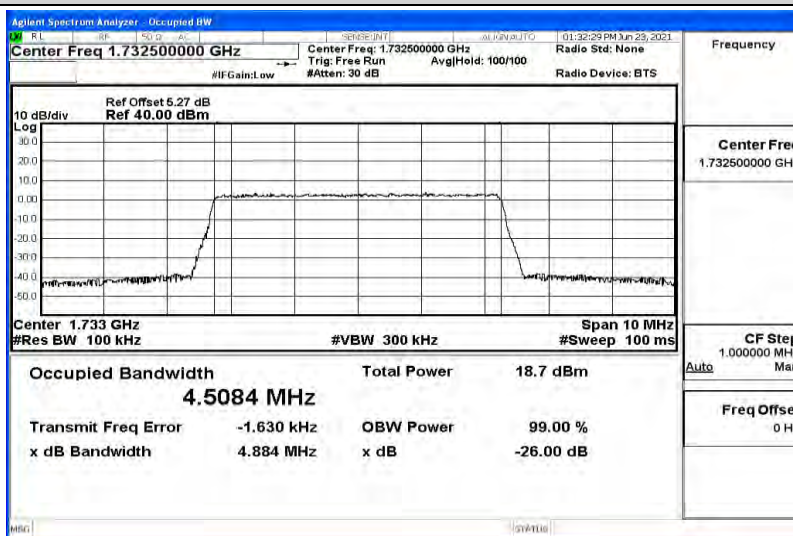
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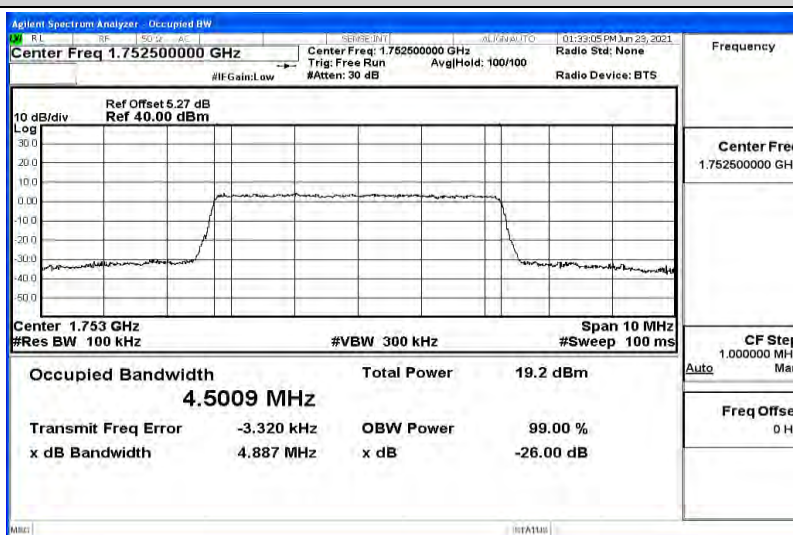
Band4-5MHz-QPSK-19975-25RB#0-4.4954



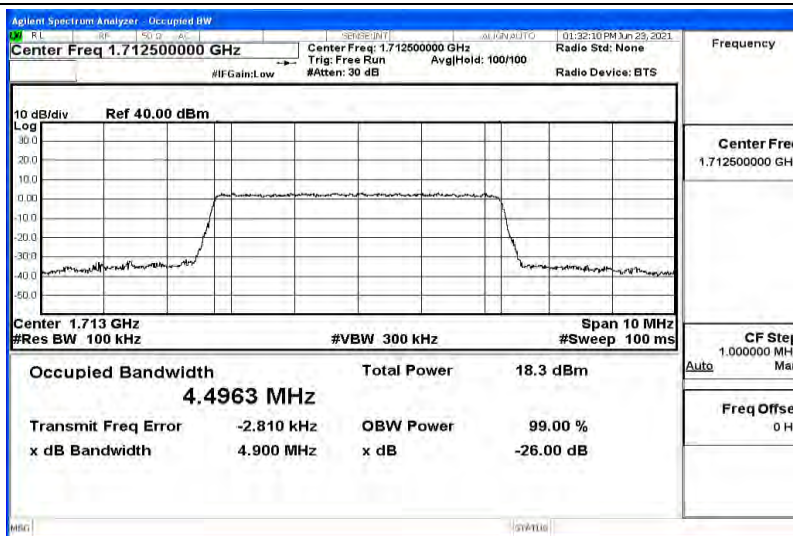
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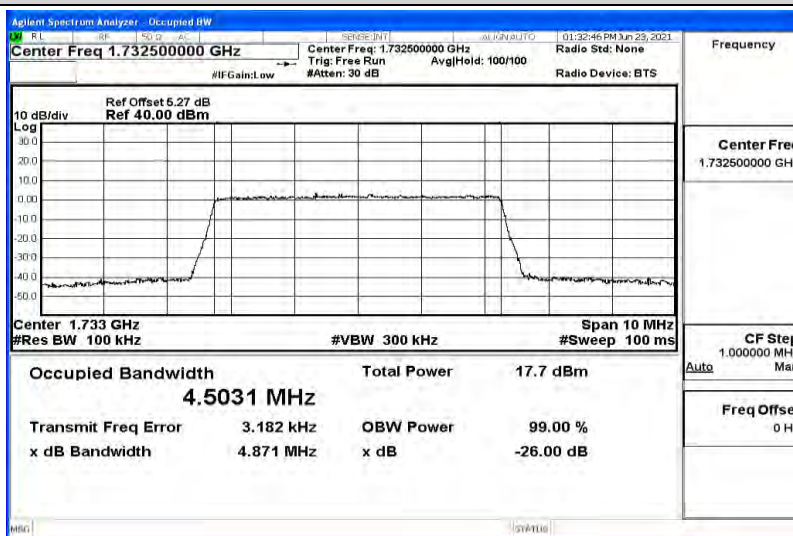
Band4-5MHz-QPSK-20375-25RB#0-4.5009



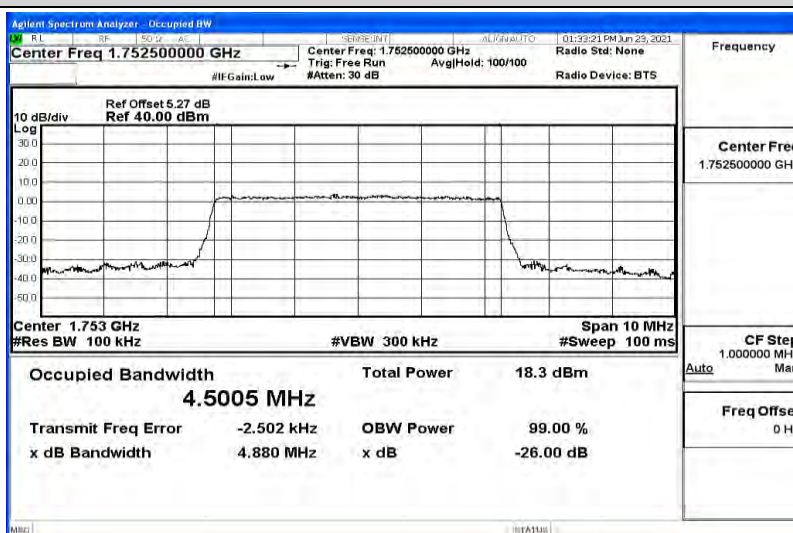
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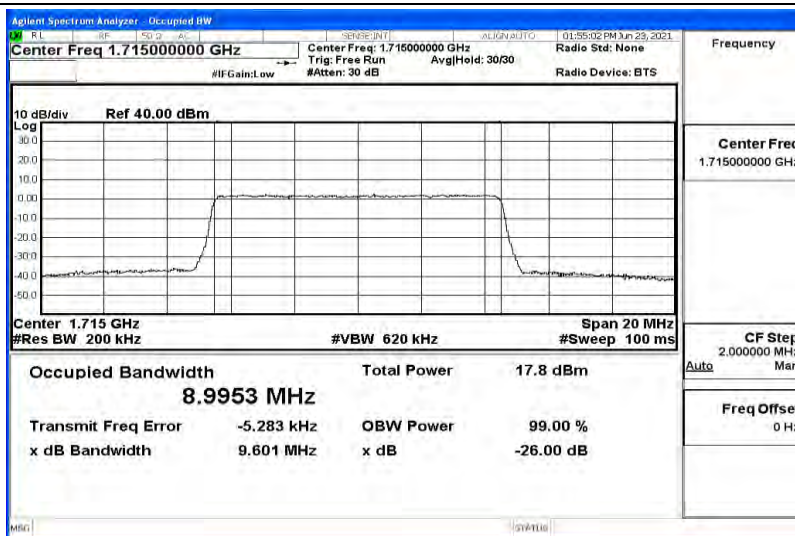
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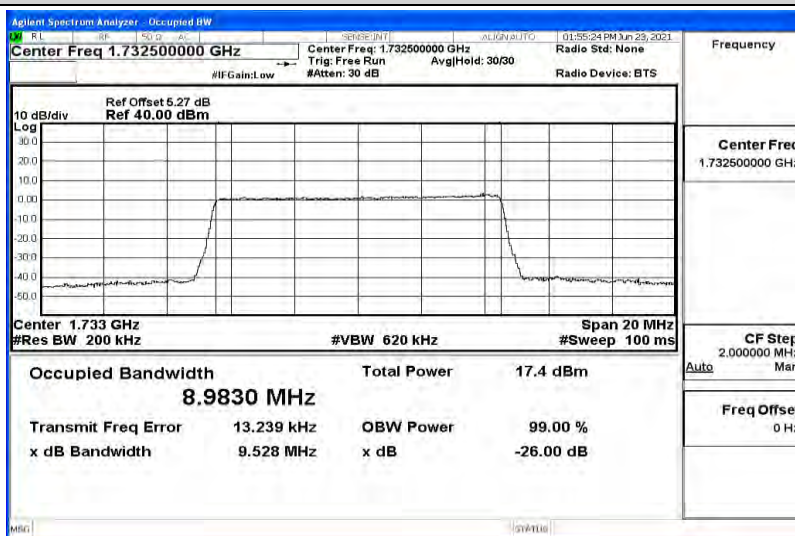
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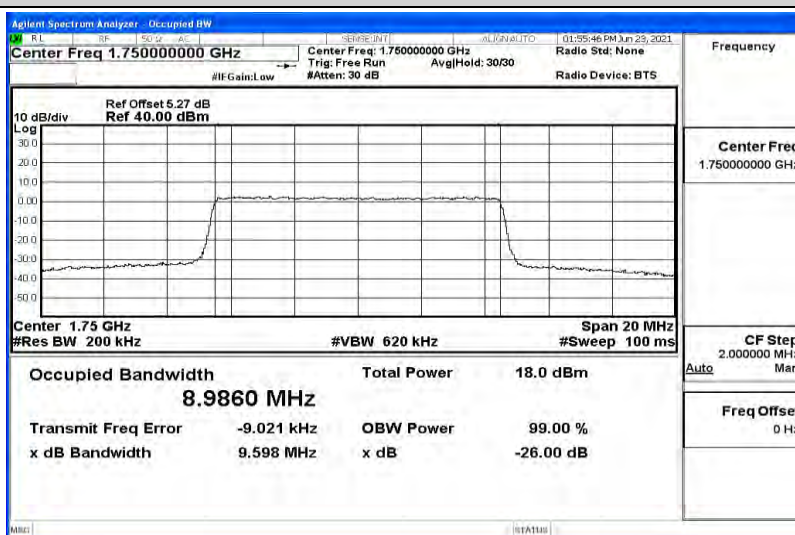
Band4-10MHz-QPSK-20000-50RB#0-8.9953



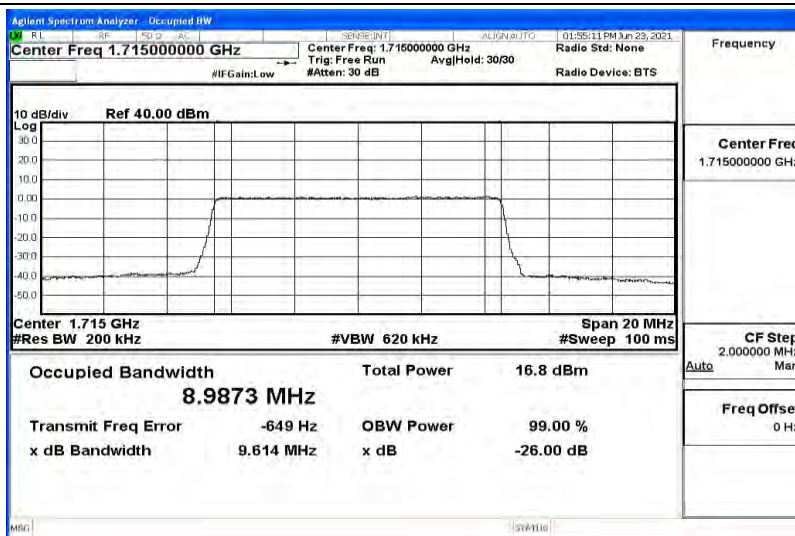
Band4-10MHz-QPSK-20175-50RB#0-8.9830



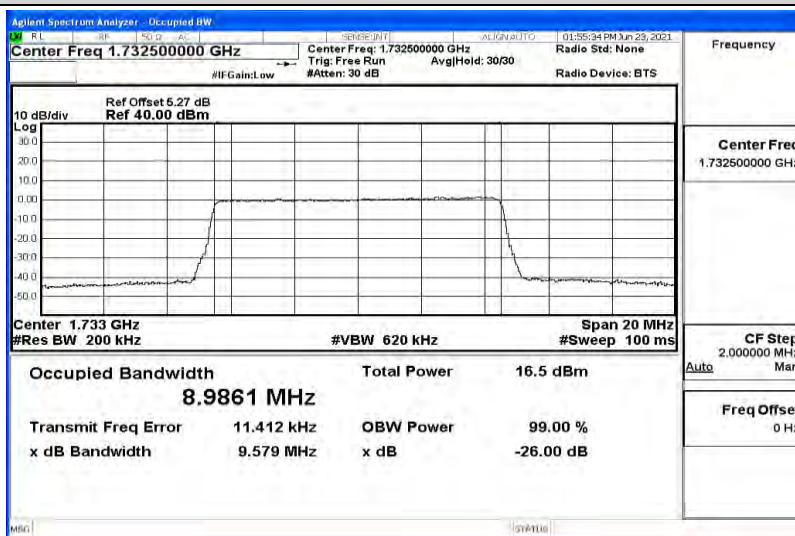
Band4-10MHz-QPSK-20350-50RB#0-8.9860



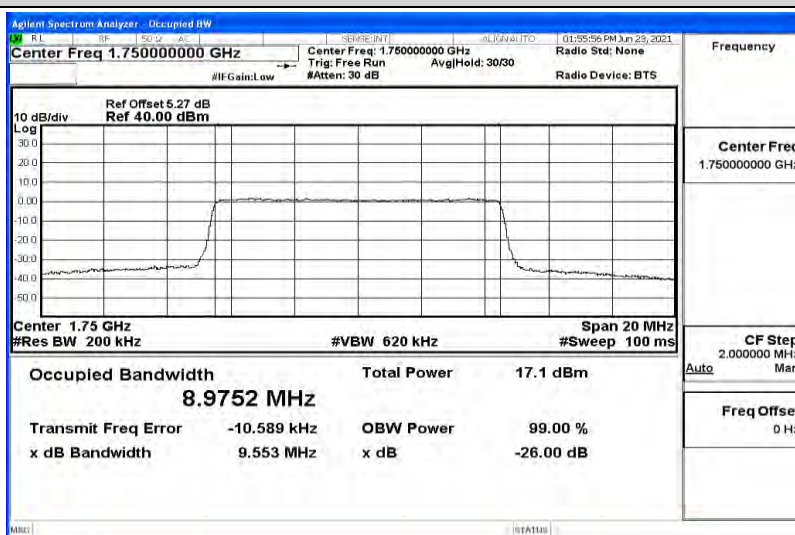
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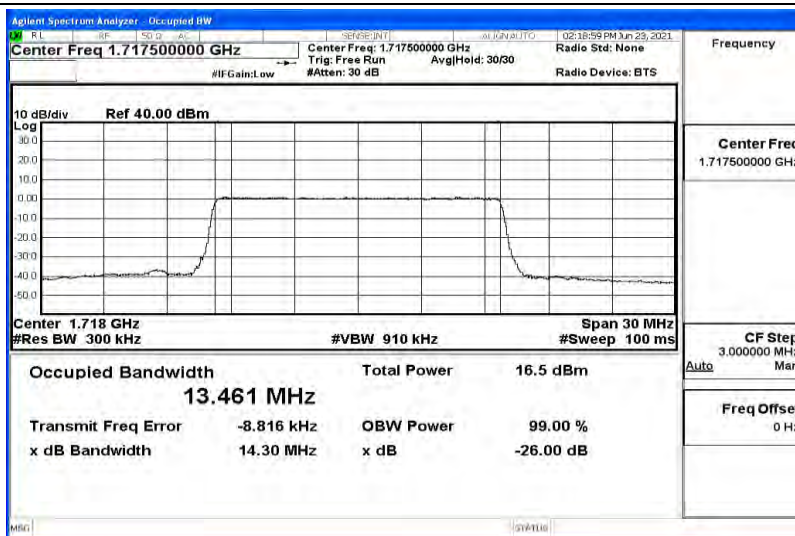
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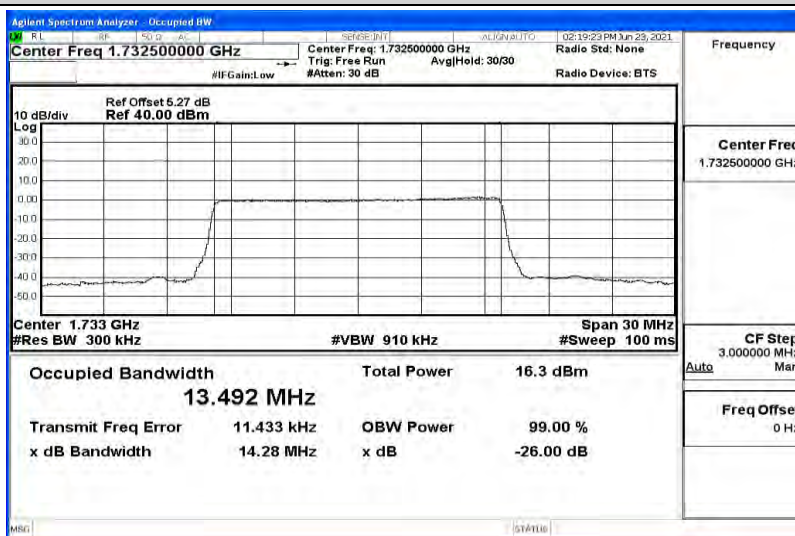
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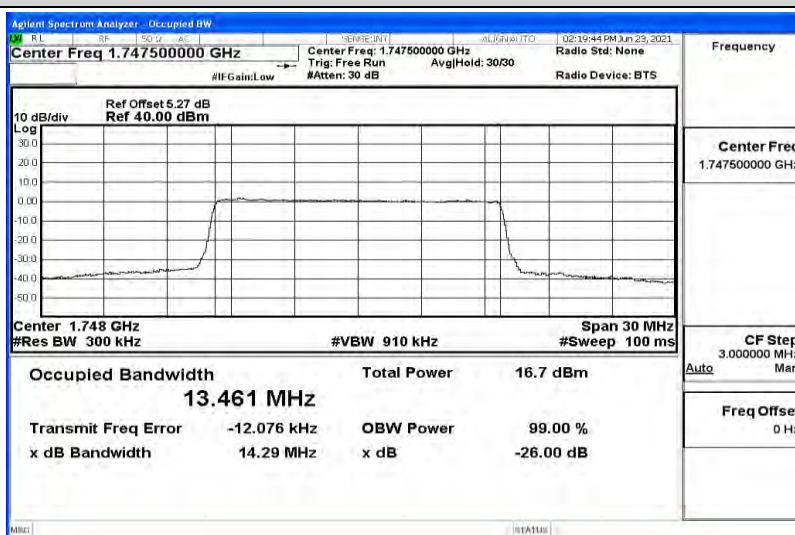
Band4-15MHz-QPSK-20025-75RB#0-13.461



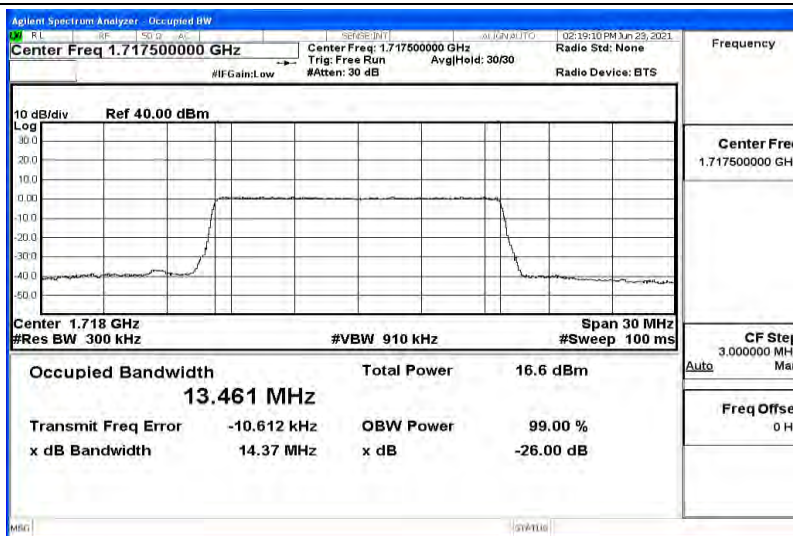
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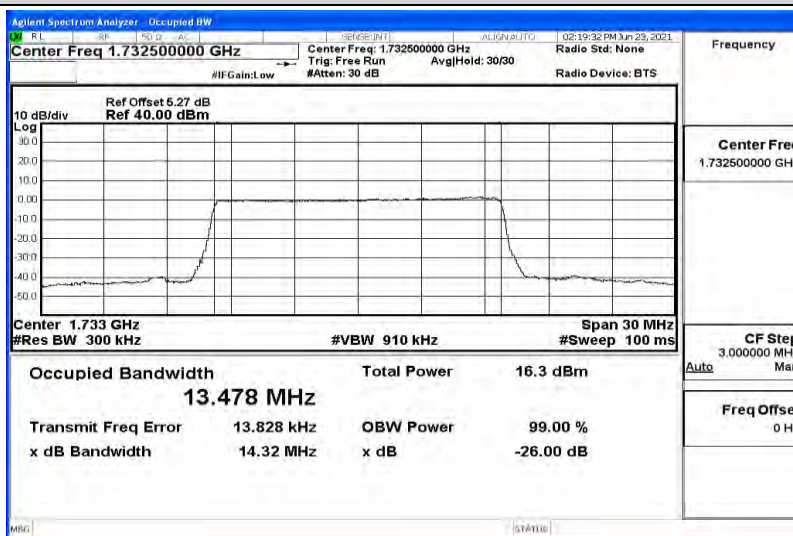
Band4-15MHz-QPSK-20325-75RB#0-13.461



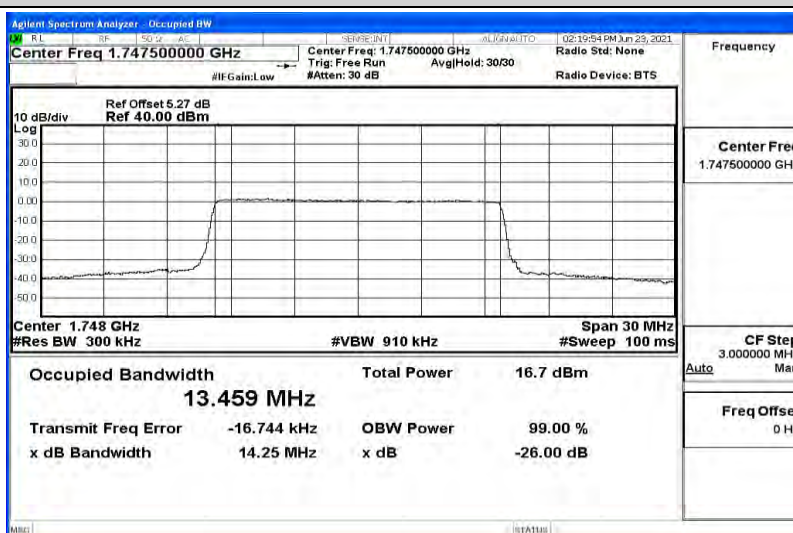
Band4-15MHz-16QAM-20025-75RB#0-13.461



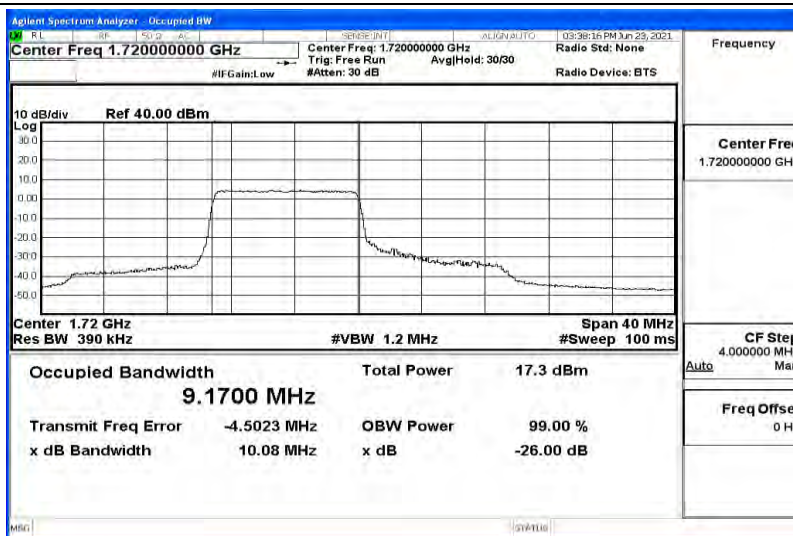
Band4-15MHz-16QAM-20175-75RB#0-13.478



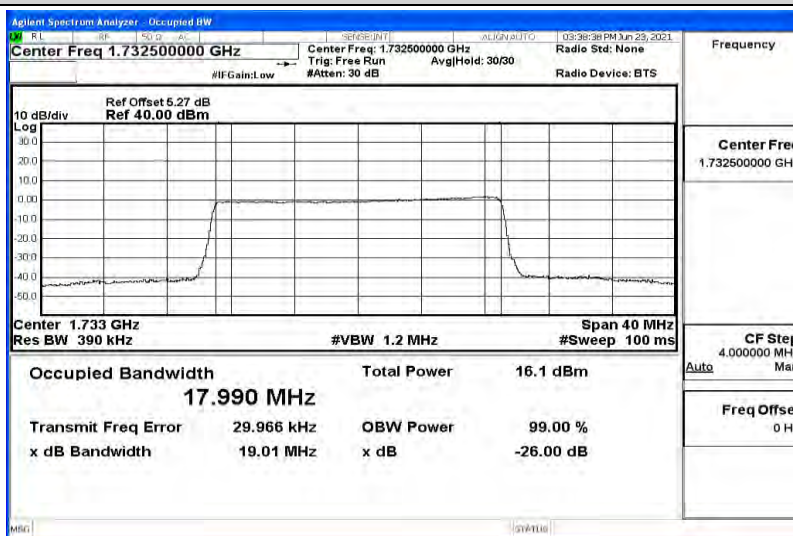
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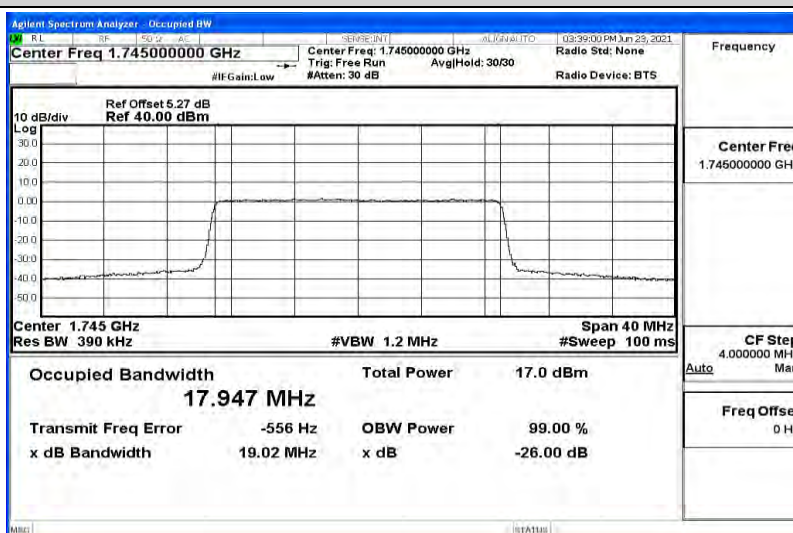
Band4-20MHz-QPSK-20050-100RB#0-9.1700



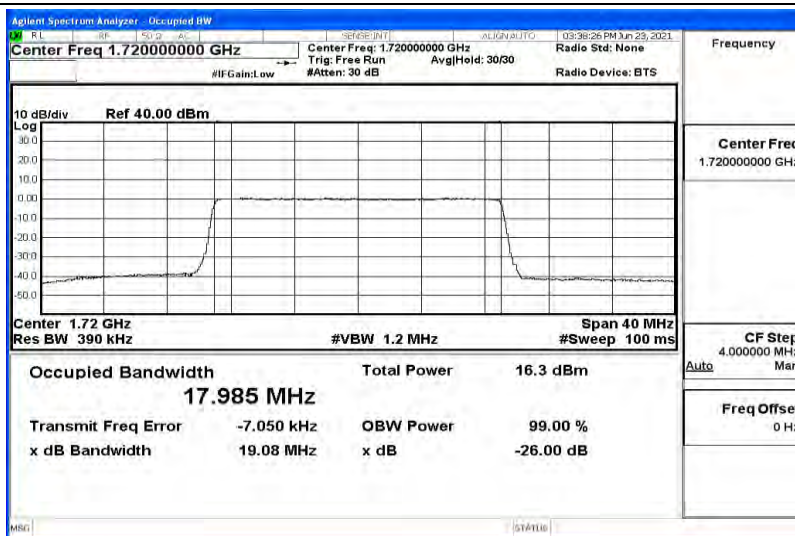
Band4-20MHz-QPSK-20175-100RB#0-17.990



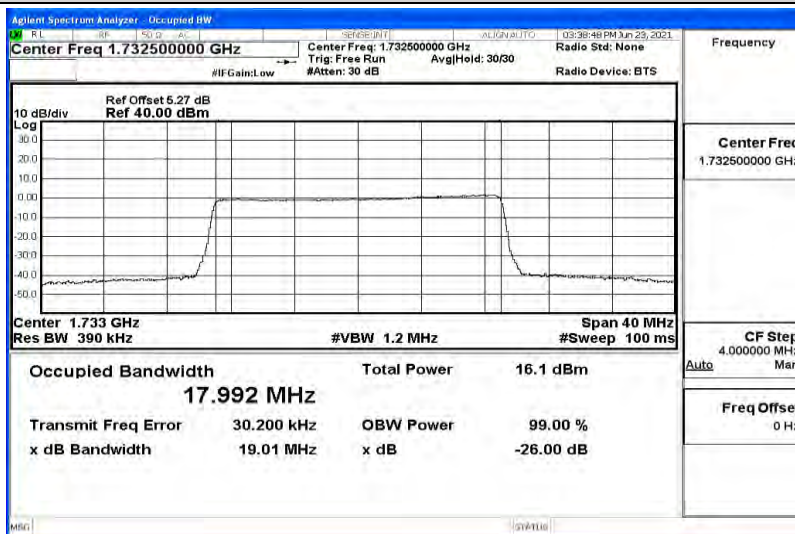
Band4-20MHz-QPSK-20300-100RB#0-17.947



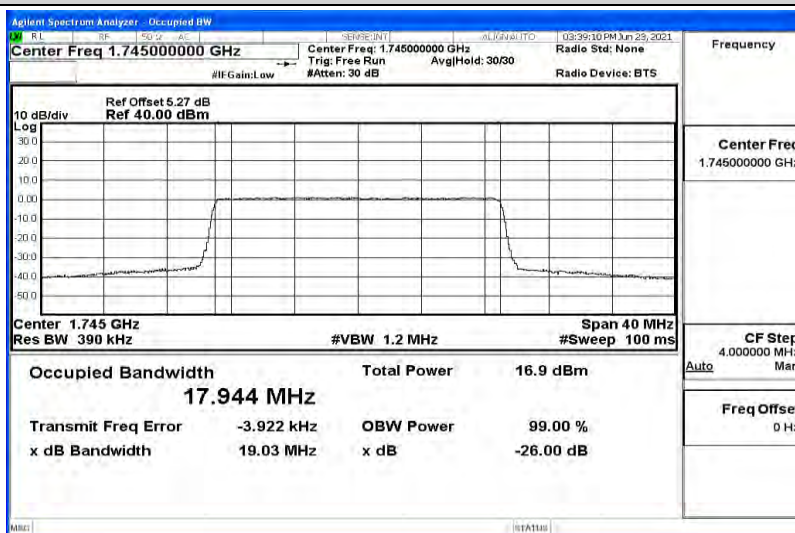
Band4-20MHz-16QAM-20050-100RB#0-17.985



Band4-20MHz-16QAM-20175-100RB#0-17.992



Band4-20MHz-16QAM-20300-100RB#0-17.944





E.4 Band Edge

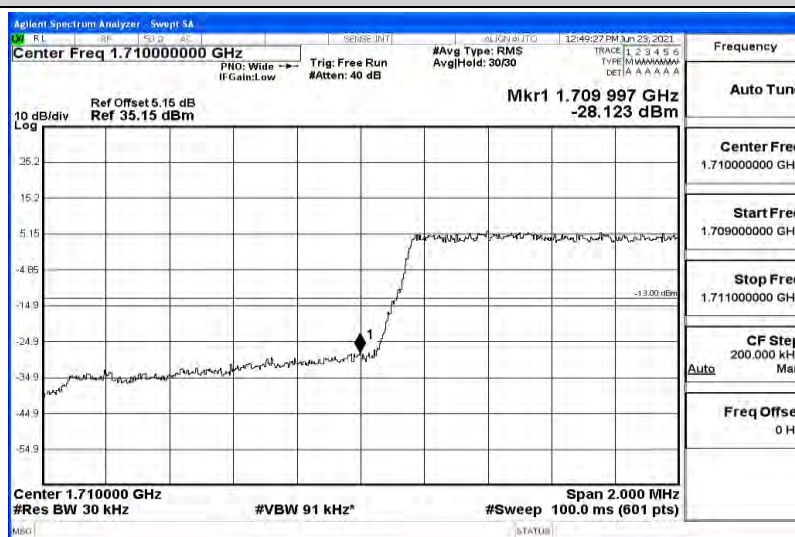
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-28.12	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.63	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.42	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-27.09	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.38	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.35	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.12	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.98	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.88	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.18	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.95	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.13	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.89	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.49	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.78	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.28	PASS
Band4	15MHz	QPSK	20025	75RB#0	-32.50	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.57	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	-32.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.22	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.89	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.98	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.85	PASS

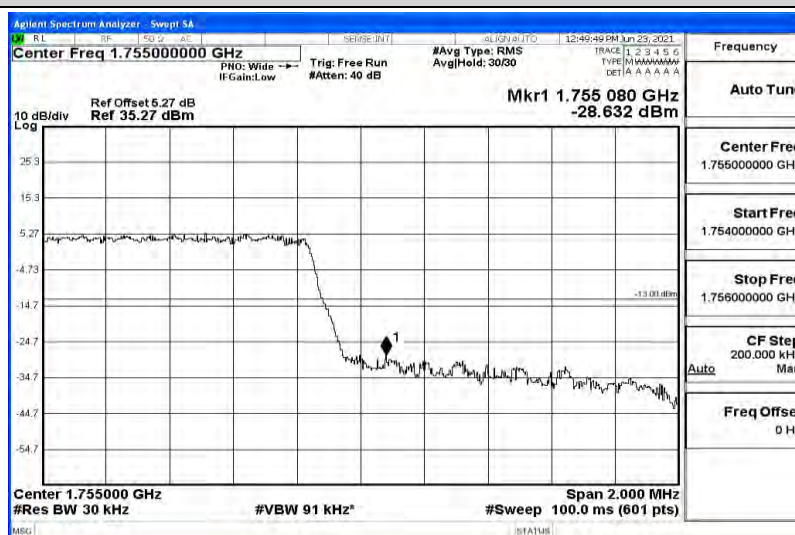


Test Graphs

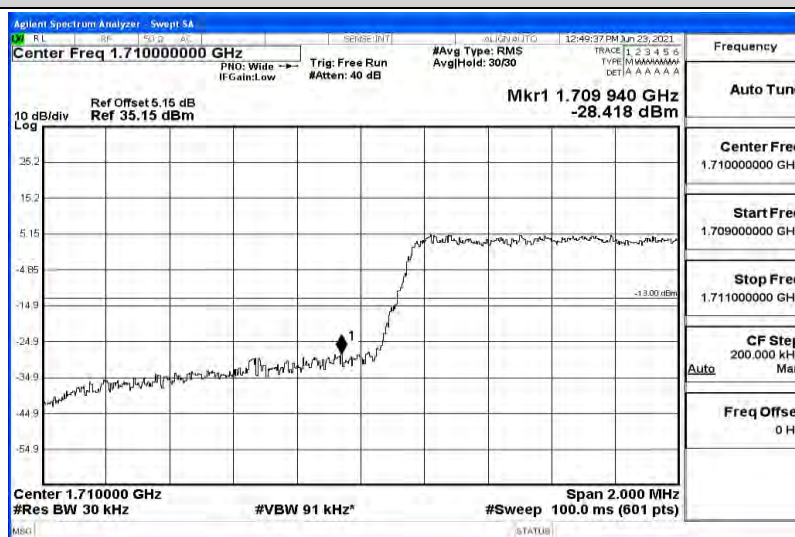
Band4-1.4MHz-QPSK-19957-6RB#0



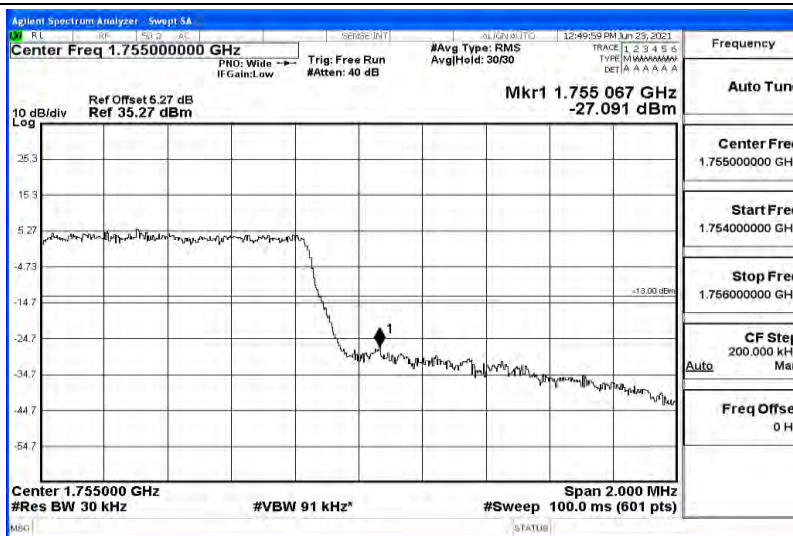
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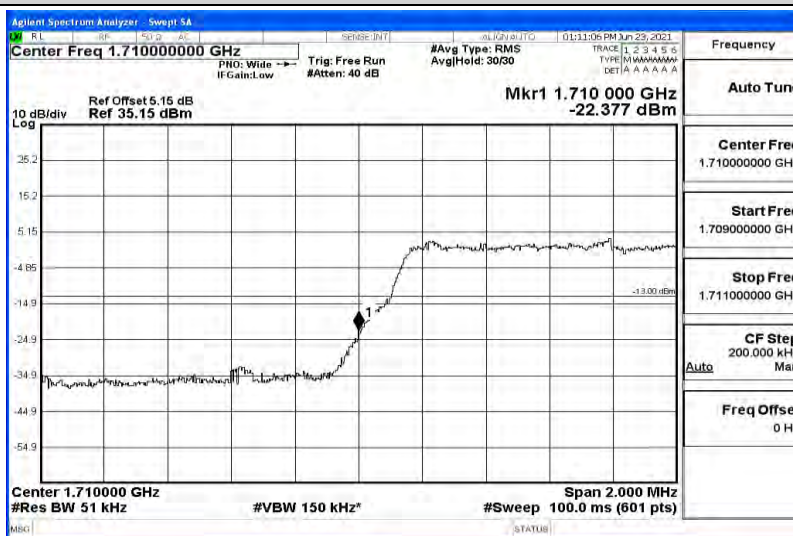
Band4-1.4MHz-16QAM-19957-6RB#0



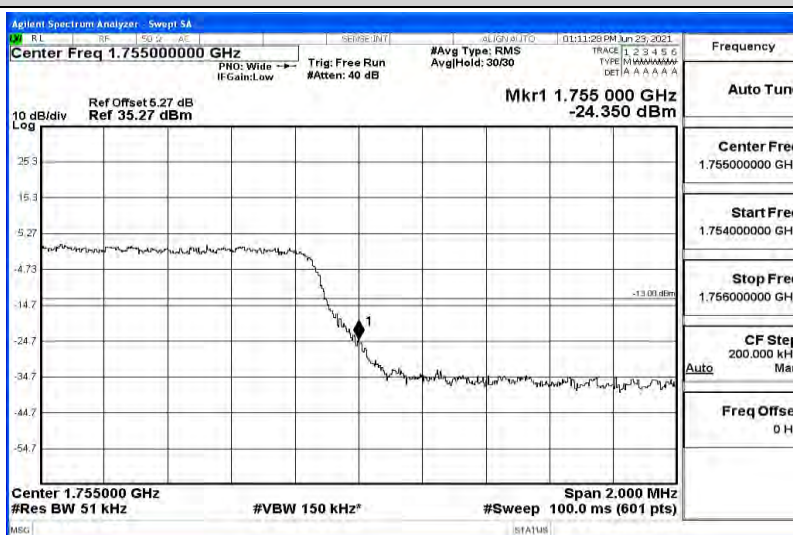
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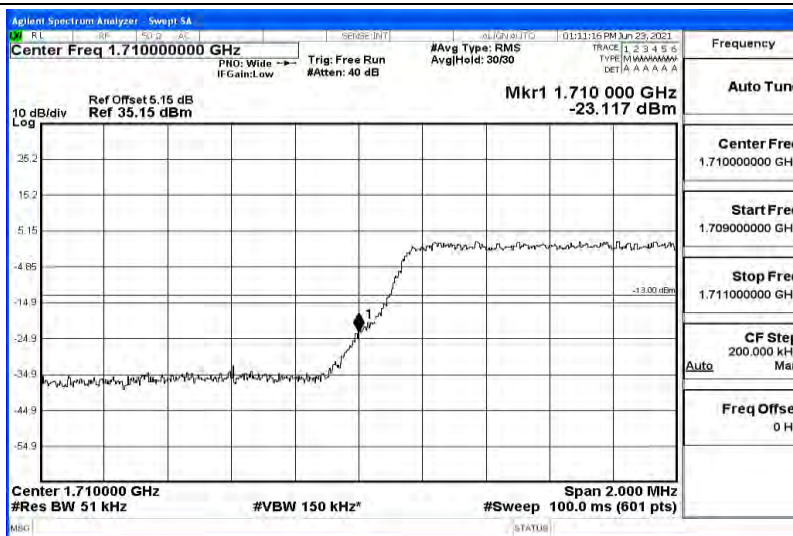
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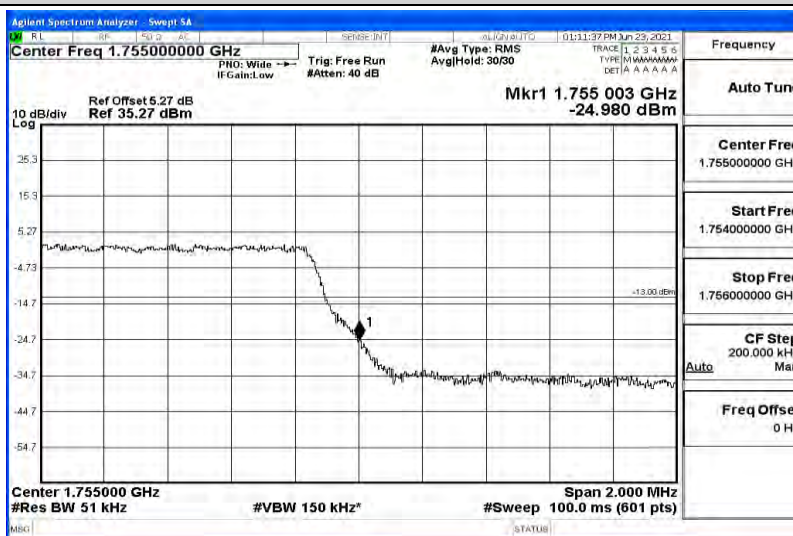
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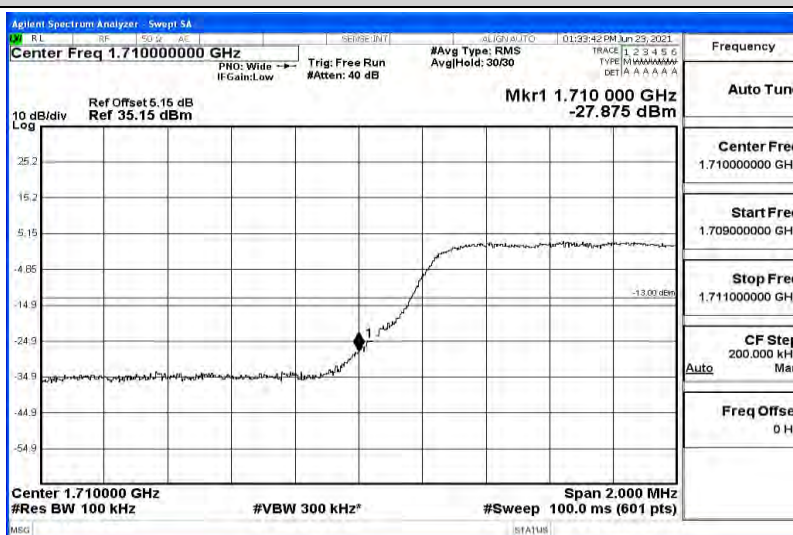
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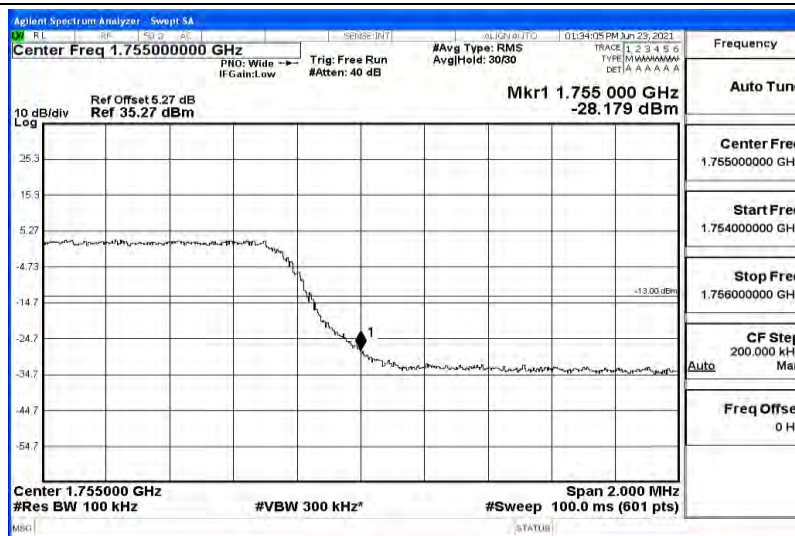
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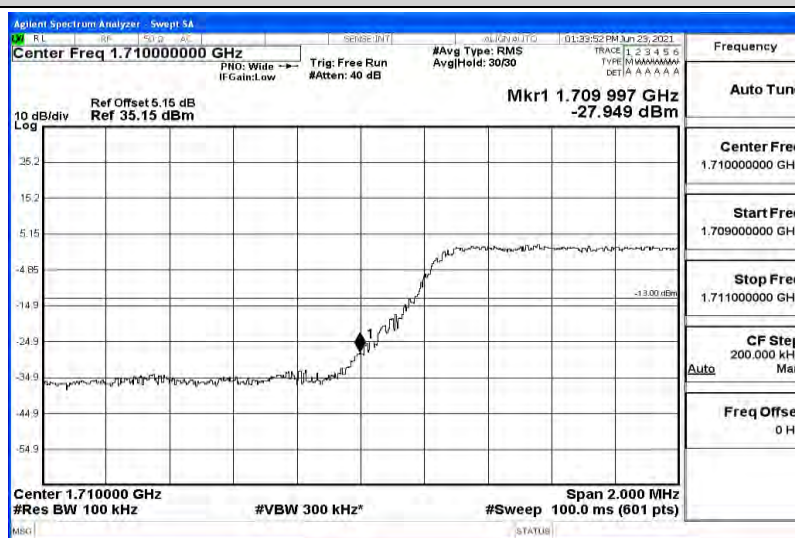
Band4-5MHz-QPSK-19975-25RB#0



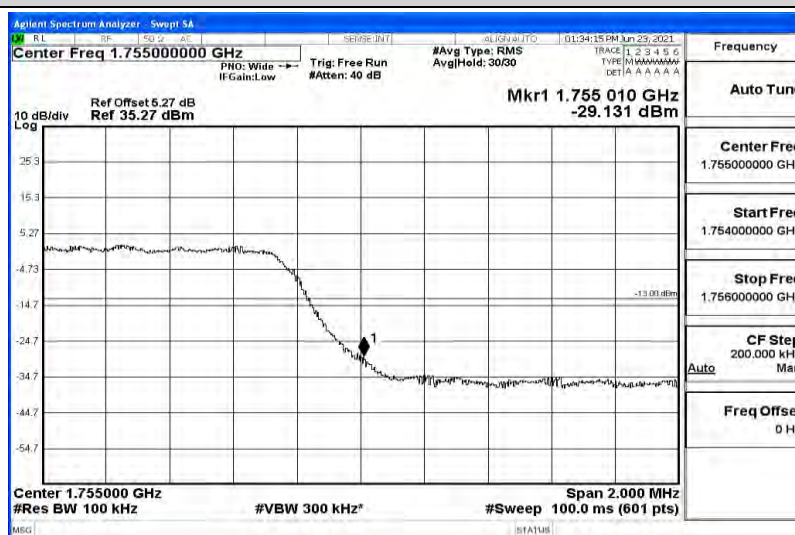
Band4-5MHz-QPSK-20375-25RB#0



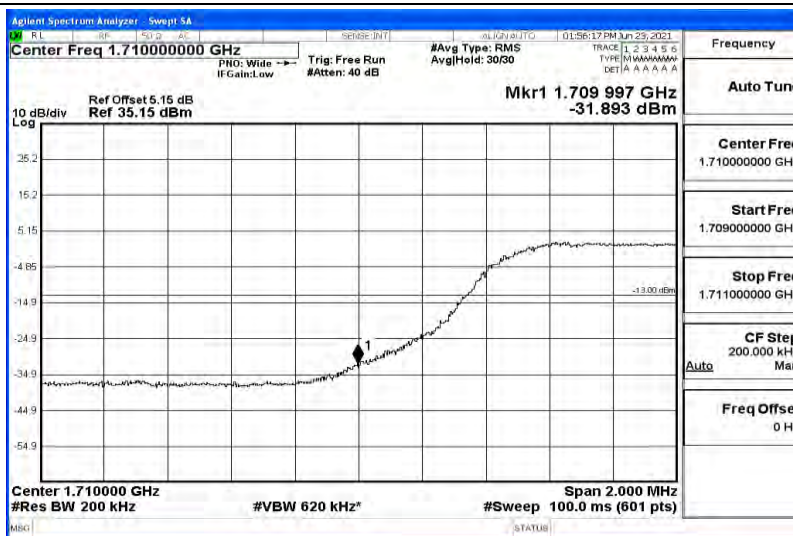
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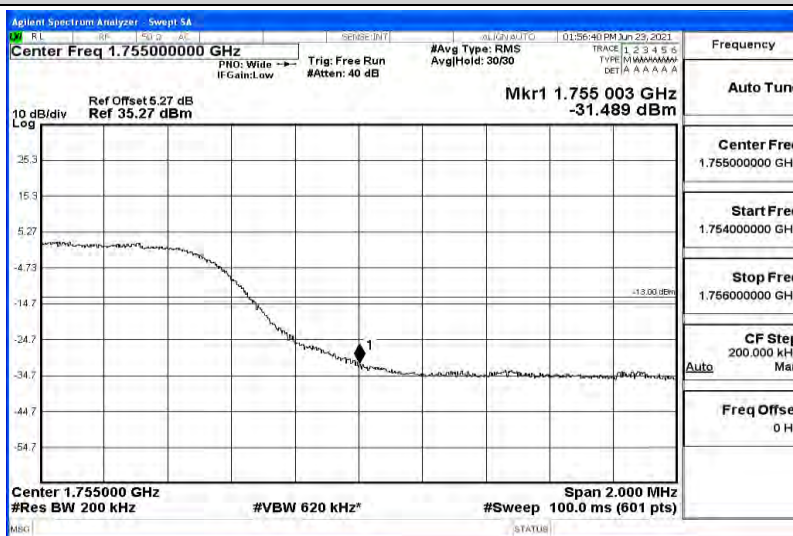
Band4-5MHz-16QAM-20375-25RB#0



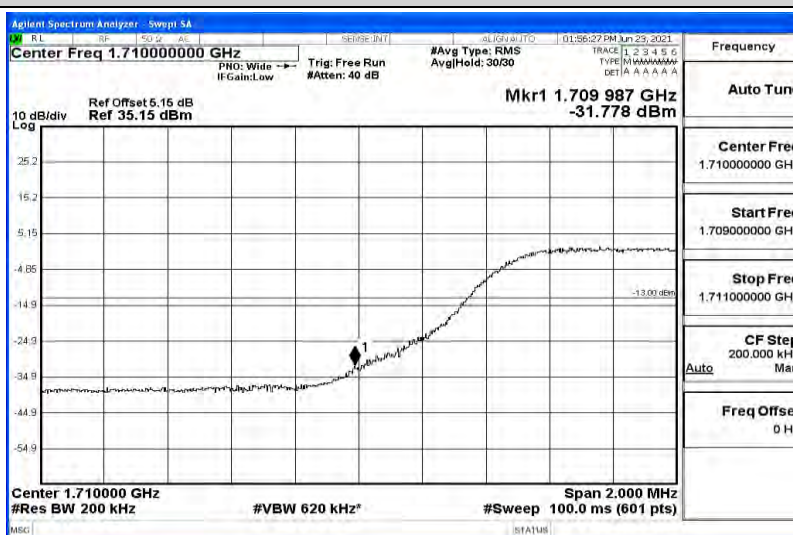
Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20350-50RB#0



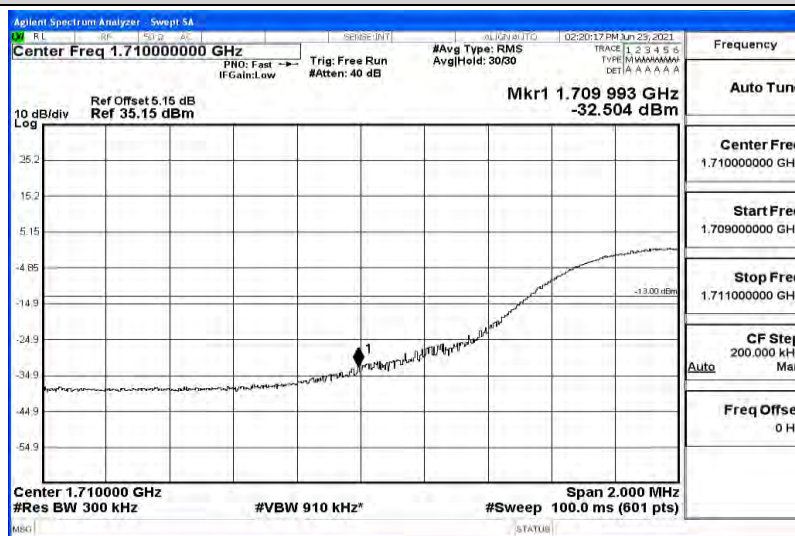
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Band4-10MHz-16QAM-20350-50RB#0



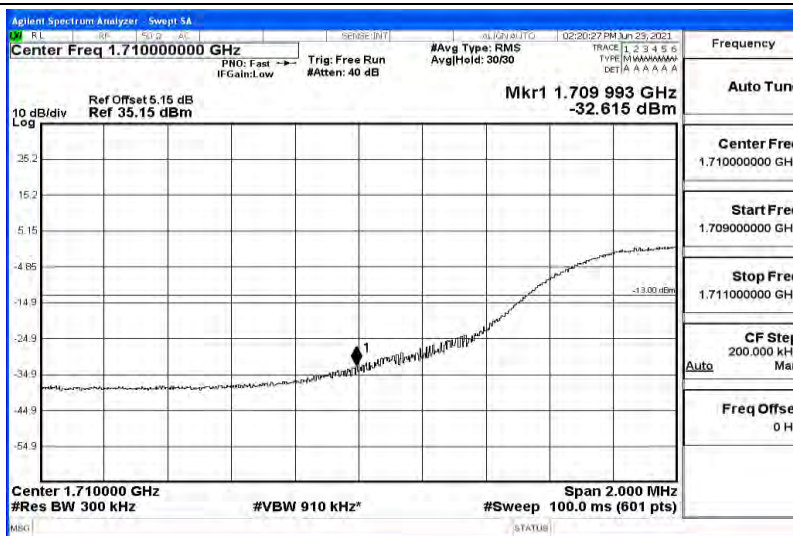
Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-75RB#0



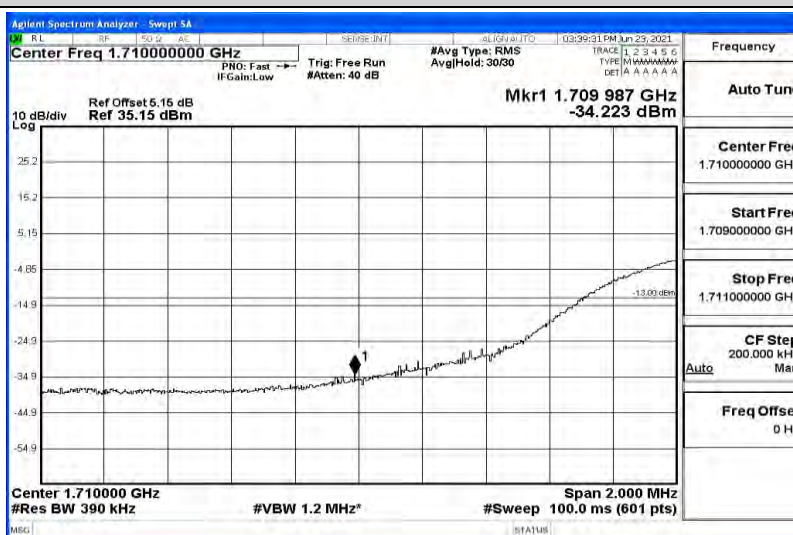
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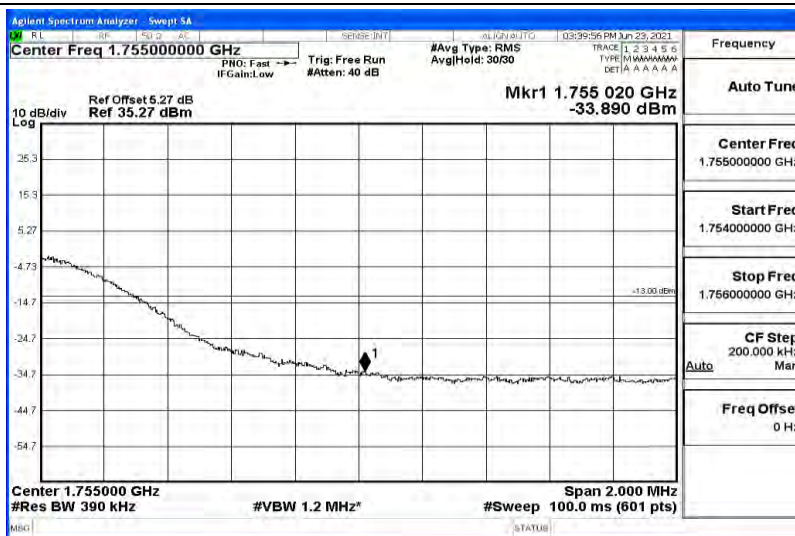
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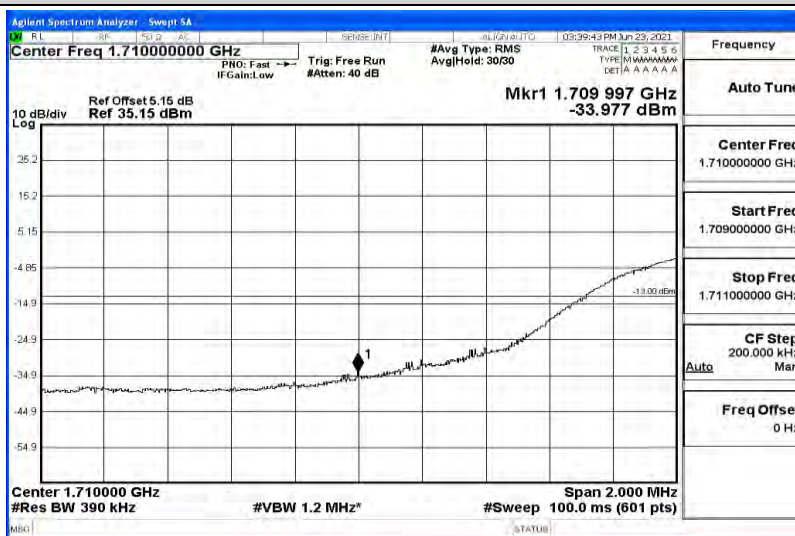
Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-100RB#0

