

Appendix: LTE Band 4

Contents

Appendix A: Effective (Isotropic) Radiated Power Output Data.....3

 Test Result..... 3

Appendix B: Peak-to-Average Ratio(CCDF)..... 11

 Test Result..... 11

 Test Graphs..... 13

Appendix C: 26dB Bandwidth and Occupied Bandwidth.....61

 Test Result..... 61

 Test Graphs..... 62

Appendix D: Band Edge..... 85

 Test Result..... 85

 Test Graphs..... 87

Appendix E: Conducted Spurious Emission.....129

 Test Result..... 129

 Test Graphs..... 135

Appendix F: Frequency Stability..... 206

 Test Result..... 206

Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Band width	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.76	23.52	33.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.85	23.61	33.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.73	23.49	33.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.80	23.56	33.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.77	23.53	33.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.80	23.56	33.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.79	22.55	33.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.73	23.49	33.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.88	23.64	33.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.71	23.47	33.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.78	23.54	33.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.79	23.55	33.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.82	23.58	33.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.78	22.54	33.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.64	23.4	33.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.94	23.7	33.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.63	23.39	33.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.75	23.51	33.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.76	23.52	33.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.74	23.5	33.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.75	22.51	33.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.59	22.35	33.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.78	22.54	33.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.57	22.33	33.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.63	22.39	33.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.62	22.38	33.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.63	22.39	33.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.66	21.42	33.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.54	22.3	33.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.63	22.39	33.00	PASS

Band4	1.4MHz	16QAM	20175	1RB#5	21.57	22.33	33.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.58	22.34	33.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.61	22.37	33.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.50	22.26	33.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.62	21.38	33.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.50	22.26	33.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.56	22.32	33.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.44	22.2	33.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.52	22.28	33.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.52	22.28	33.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.49	22.25	33.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.76	21.52	33.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.71	23.47	33.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.68	23.44	33.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.73	23.49	33.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.69	22.45	33.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.73	22.49	33.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.69	22.45	33.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.67	22.43	33.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.72	23.48	33.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.78	23.54	33.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.78	23.54	33.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.77	22.53	33.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.68	22.44	33.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.75	22.51	33.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.67	22.43	33.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.77	23.53	33.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.79	23.55	33.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.74	23.5	33.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.75	22.51	33.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.73	22.49	33.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.75	22.51	33.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.73	22.49	33.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.59	22.35	33.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.00	21.76	33.00	PASS

Band4	3MHz	16QAM	19965	1RB#14	21.61	22.37	33.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.70	21.46	33.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.69	21.45	33.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.74	21.5	33.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.69	21.45	33.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.68	22.44	33.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.43	22.19	33.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.59	22.35	33.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.00	21.76	33.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.30	21.06	33.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.73	21.49	33.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.39	21.15	33.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.69	22.45	33.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.00	21.76	33.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.55	22.31	33.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.44	21.2	33.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.48	21.24	33.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.71	21.47	33.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.03	21.79	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.75	23.51	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.83	23.59	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.61	23.37	33.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.70	22.46	33.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.65	22.41	33.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.67	22.43	33.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.69	22.45	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.64	23.4	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.76	23.52	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.64	23.4	33.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.72	22.48	33.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.66	22.42	33.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.65	22.41	33.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.72	22.48	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.69	23.45	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.79	23.55	33.00	PASS

Band4	5MHz	QPSK	20375	1RB#24	22.65	23.41	33.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.74	22.5	33.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.73	22.49	33.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.67	22.43	33.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.72	22.48	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.66	22.42	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.77	22.53	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.57	22.33	33.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.64	21.4	33.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.66	21.42	33.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.66	21.42	33.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.69	21.45	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.71	22.47	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.84	22.6	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.72	22.48	33.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.73	21.49	33.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.74	21.5	33.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.70	21.46	33.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.67	21.43	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.56	22.32	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.69	22.45	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.45	22.21	33.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.73	21.49	33.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.74	21.5	33.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.67	21.43	33.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.75	21.51	33.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.73	23.49	33.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.90	23.66	33.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.70	23.46	33.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.77	22.53	33.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.74	22.5	33.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.75	22.51	33.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.70	22.46	33.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.73	23.49	33.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.95	23.71	33.00	PASS

Band4	10MHz	QPSK	20175	1RB#49	22.68	23.44	33.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.70	22.46	33.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.72	22.48	33.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.71	22.47	33.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.71	22.47	33.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.75	23.51	33.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.91	23.67	33.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.76	23.52	33.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.84	22.6	33.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.86	22.62	33.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.75	22.51	33.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.76	22.52	33.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.75	22.51	33.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.08	22.84	33.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.69	22.45	33.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.78	21.54	33.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.75	21.51	33.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.77	21.53	33.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.77	21.53	33.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.64	22.4	33.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.78	22.54	33.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.58	22.34	33.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.78	21.54	33.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.77	21.53	33.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.76	21.52	33.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.77	21.53	33.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.55	22.31	33.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.77	22.53	33.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.51	22.27	33.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.92	21.68	33.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.87	21.63	33.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.79	21.55	33.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.81	21.57	33.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.69	23.45	33.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.67	23.43	33.00	PASS

Band4	15MHz	QPSK	20025	1RB#74	22.39	23.15	33.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.98	22.74	33.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.72	23.48	33.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.57	23.33	33.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.71	22.47	33.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.67	23.43	33.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.71	23.47	33.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.60	23.36	33.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.64	23.4	33.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.73	23.49	33.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.62	23.38	33.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.70	22.46	33.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.59	23.35	33.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.72	23.48	33.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.60	23.36	33.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.56	23.32	33.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.72	23.48	33.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.54	23.3	33.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.75	22.51	33.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.62	22.38	33.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.86	22.62	33.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.70	22.46	33.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.66	22.42	33.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.83	22.59	33.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.71	22.47	33.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.69	21.45	33.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.69	22.45	33.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.77	22.53	33.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.31	21.07	33.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.42	22.18	33.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.39	22.15	33.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.83	22.59	33.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.71	21.47	33.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.72	22.48	33.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.95	21.71	33.00	PASS

Band4	15MHz	16QAM	20325	1RB#74	21.69	22.45	33.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.40	22.16	33.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.83	22.59	33.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.56	22.32	33.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.82	21.58	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.55	23.31	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.89	23.65	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.50	23.26	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.66	22.42	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.67	22.43	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.72	22.48	33.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.71	22.47	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.54	23.3	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.75	23.51	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.48	23.24	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.66	22.42	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.66	22.42	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.68	22.44	33.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.67	22.43	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.43	23.19	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.83	23.59	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.44	23.2	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.75	22.51	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.77	22.53	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.66	22.42	33.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.70	22.46	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.44	22.2	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.98	22.74	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.34	22.1	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.74	21.5	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.73	21.49	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.15	20.91	33.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.73	21.49	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.68	22.44	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.48	22.24	33.00	PASS

Band4	20MHz	16QAM	20175	1RB#99	21.27	22.03	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.72	21.48	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.74	21.5	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.72	21.48	33.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.46	22.22	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.44	22.2	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.07	22.83	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.36	22.12	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.80	21.56	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.83	21.59	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.09	20.85	33.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.80	21.56	33.00	PASS

Remark:

a.For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$ERP(dBm) = \text{Conducted output powe}(dBm) + \text{antenna gain (dBd)}$

$EIRP(dBm) = \text{Conducted output powe}(dBm) + \text{antenna gain (dBi)}$

$EIRP=ERP+2.15dB$

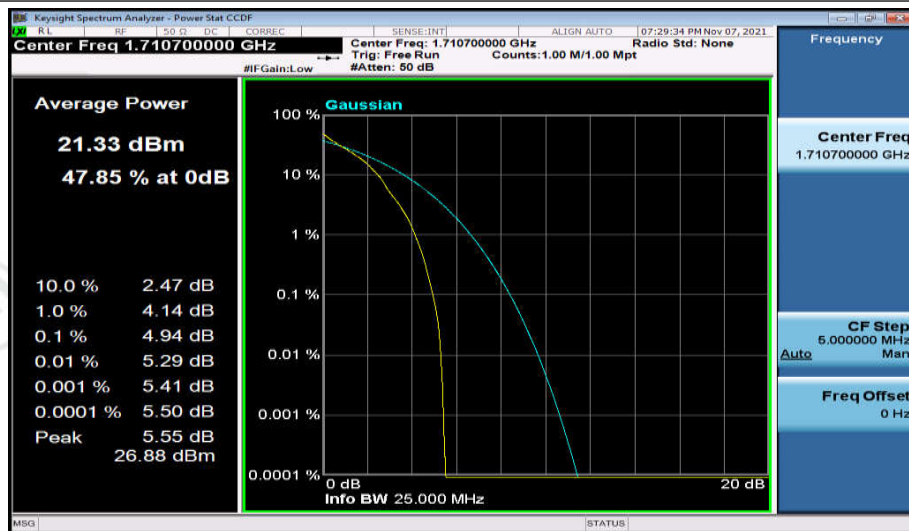
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.94	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.38	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.47	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.40	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.10	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.81	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.20	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.06	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.15	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.09	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.41	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.06	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.46	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.23	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.52	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	8.40	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.19	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.92	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.23	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.24	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.26	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.19	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.49	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.29	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.52	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.39	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.58	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.65	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.18	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.19	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.16	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.18	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.23	13	PASS

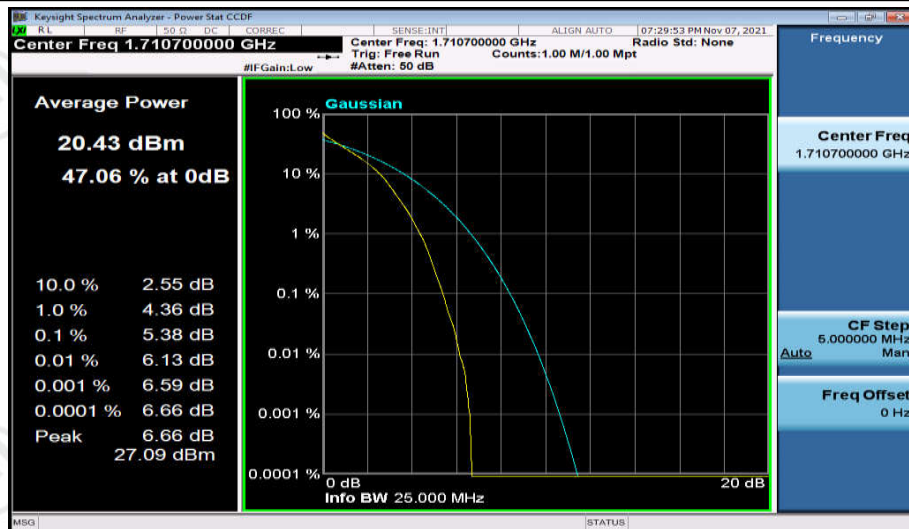
Band4	10MHz	QPSK	20000	1RB#0	5.00	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.50	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.12	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.49	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.32	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.60	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.78	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.27	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.47	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.31	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.03	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.85	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.28	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.83	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.22	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.93	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.03	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.33	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.34	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.06	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.43	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.91	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.57	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.11	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.59	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.63	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.68	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.32	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.30	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.35	13	PASS

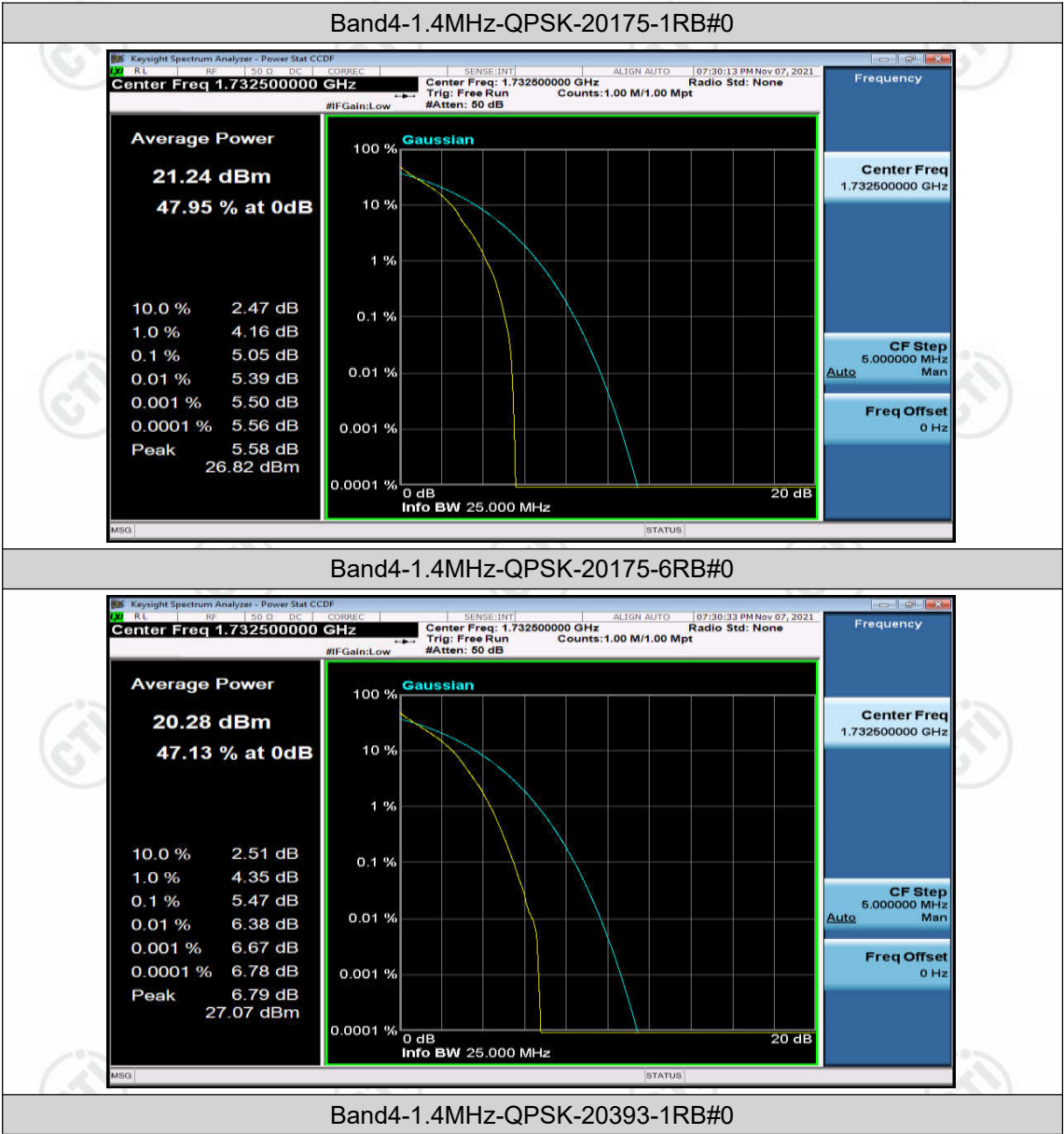
Test Graphs

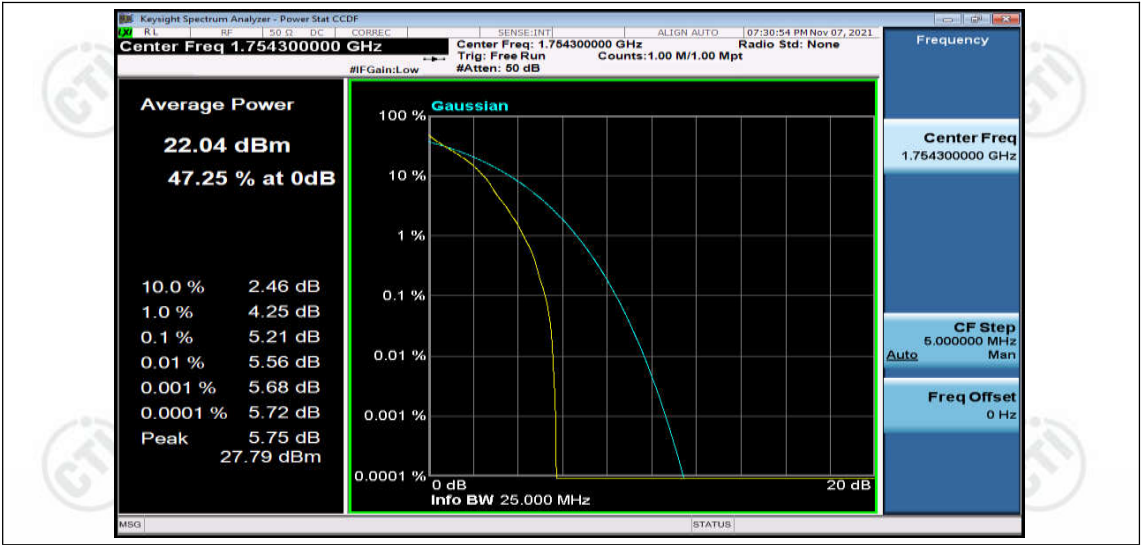
Band4-1.4MHz-QPSK-19957-1RB#0



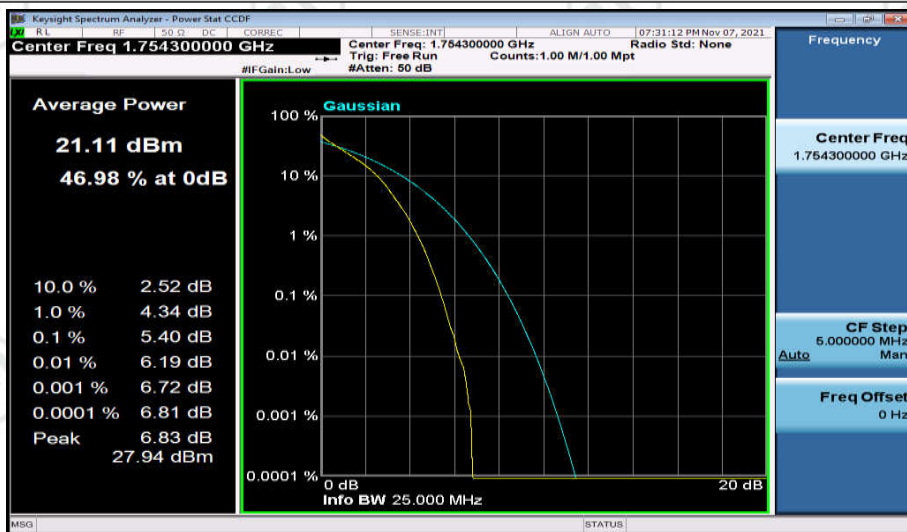
Band4-1.4MHz-QPSK-19957-6RB#0



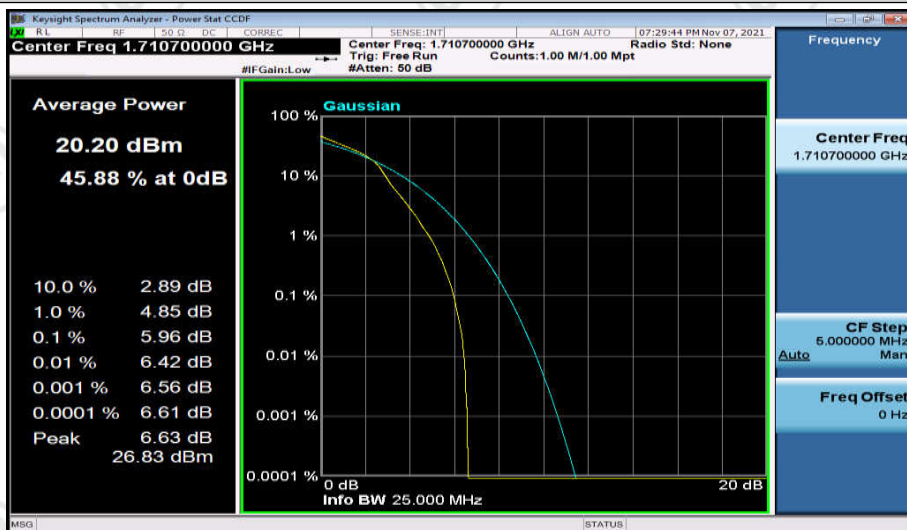




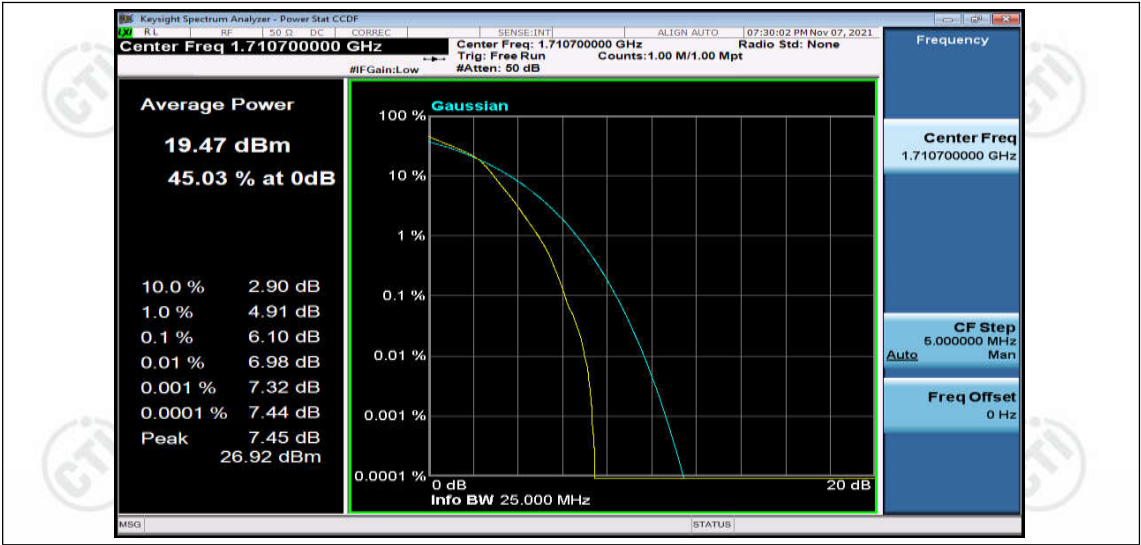
Band4-1.4MHz-QPSK-20393-6RB#0

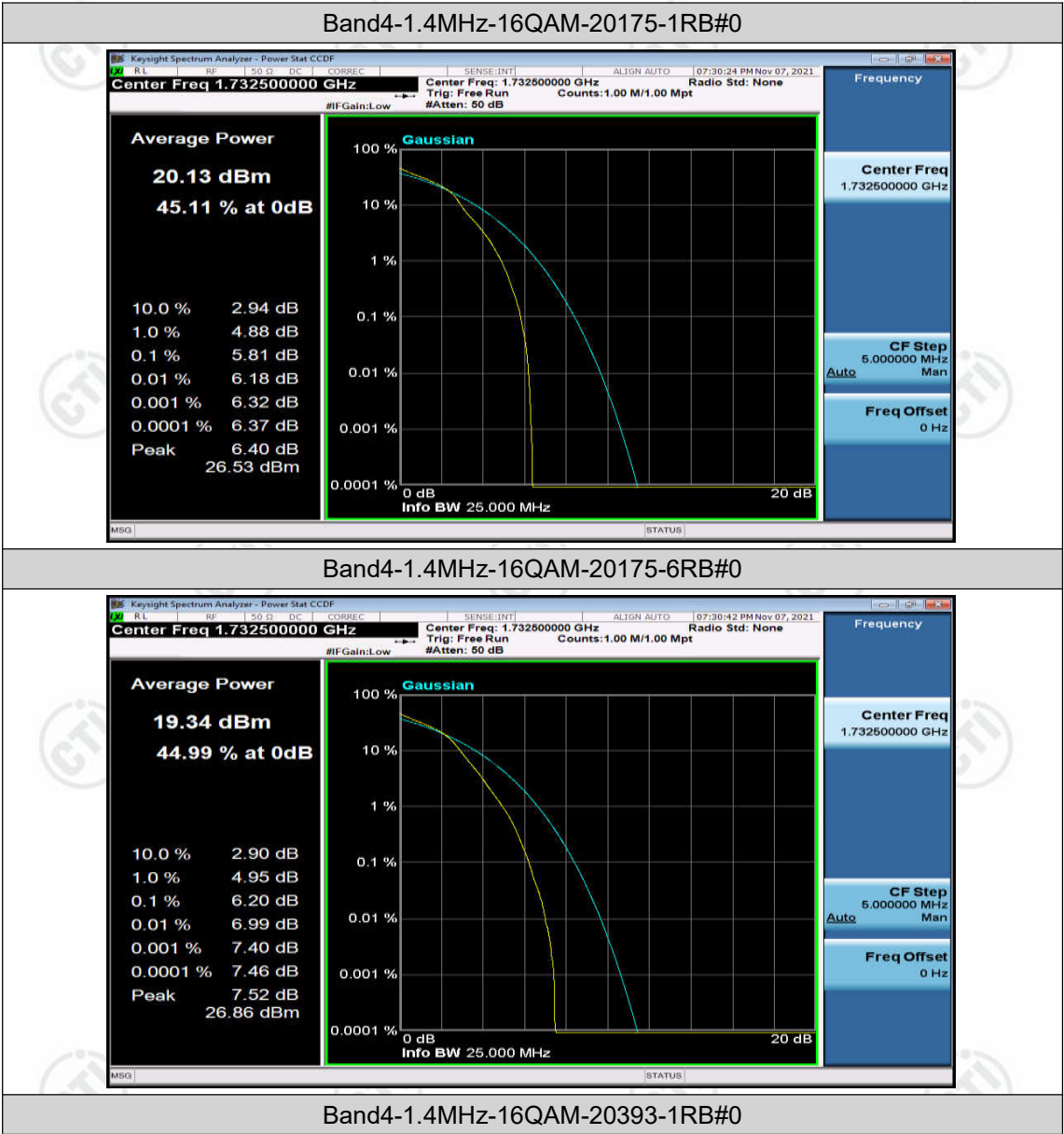


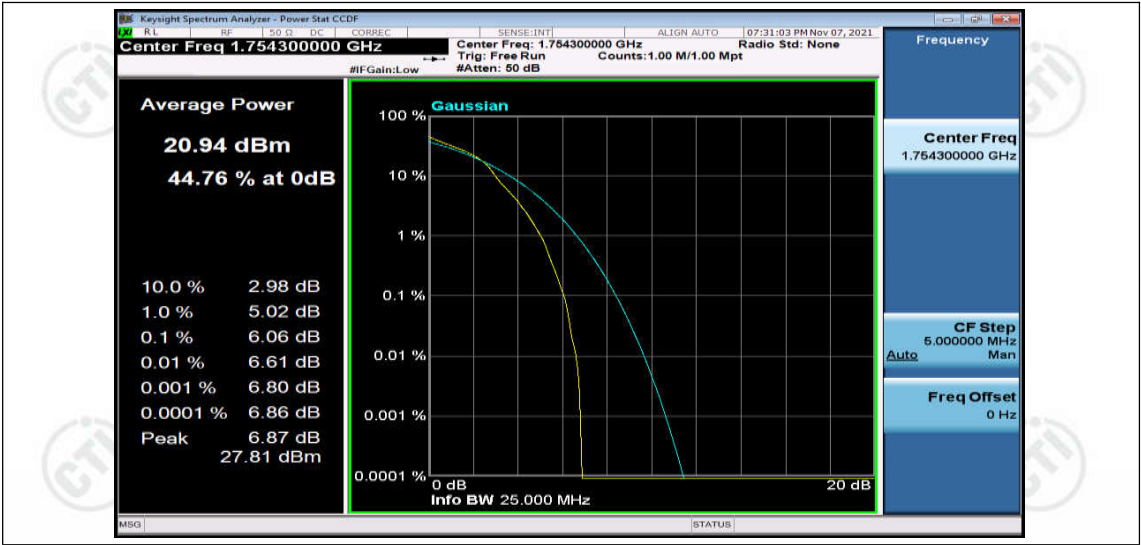
Band4-1.4MHz-16QAM-19957-1RB#0



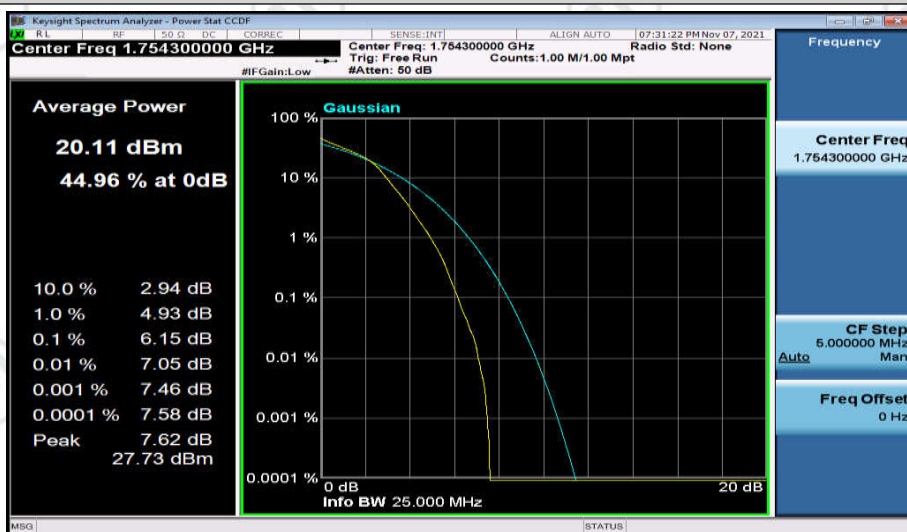
Band4-1.4MHz-16QAM-19957-6RB#0



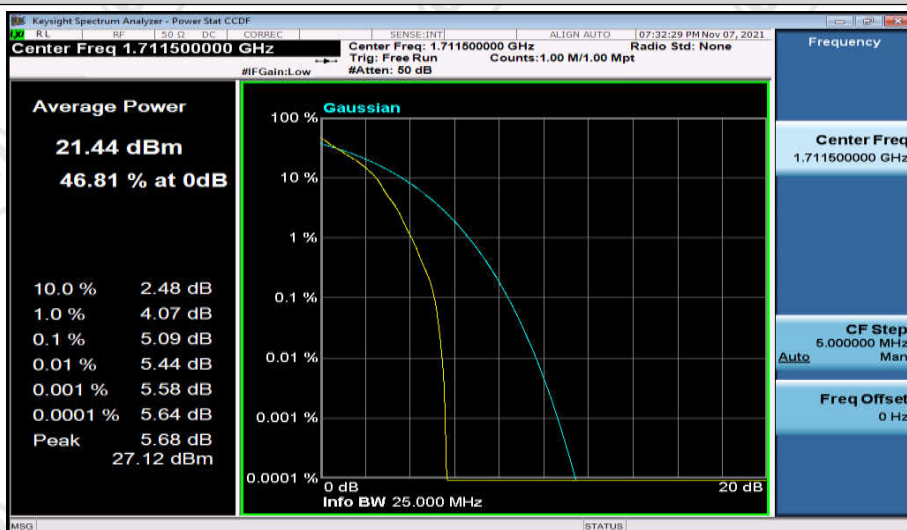




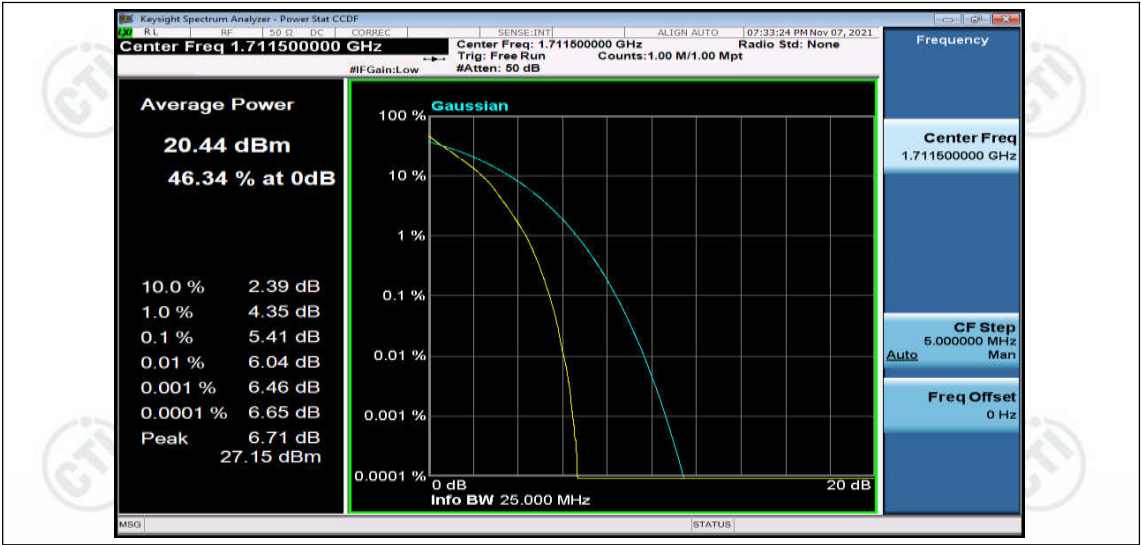
Band4-1.4MHz-16QAM-20393-6RB#0



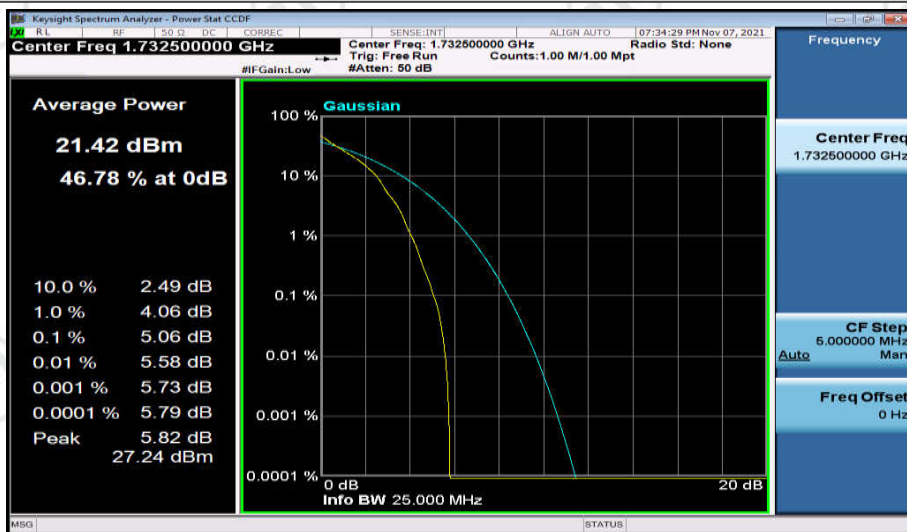
Band4-3MHz-QPSK-19965-1RB#0



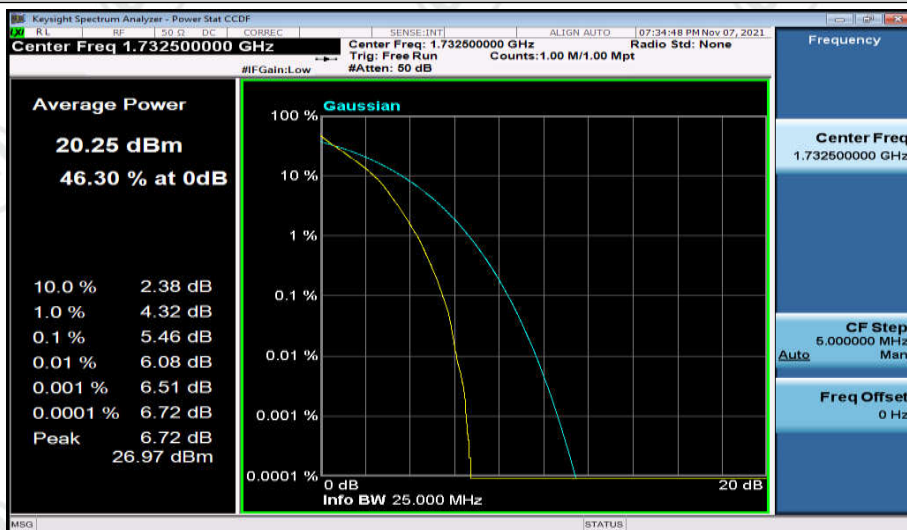
Band4-3MHz-QPSK-19965-15RB#0



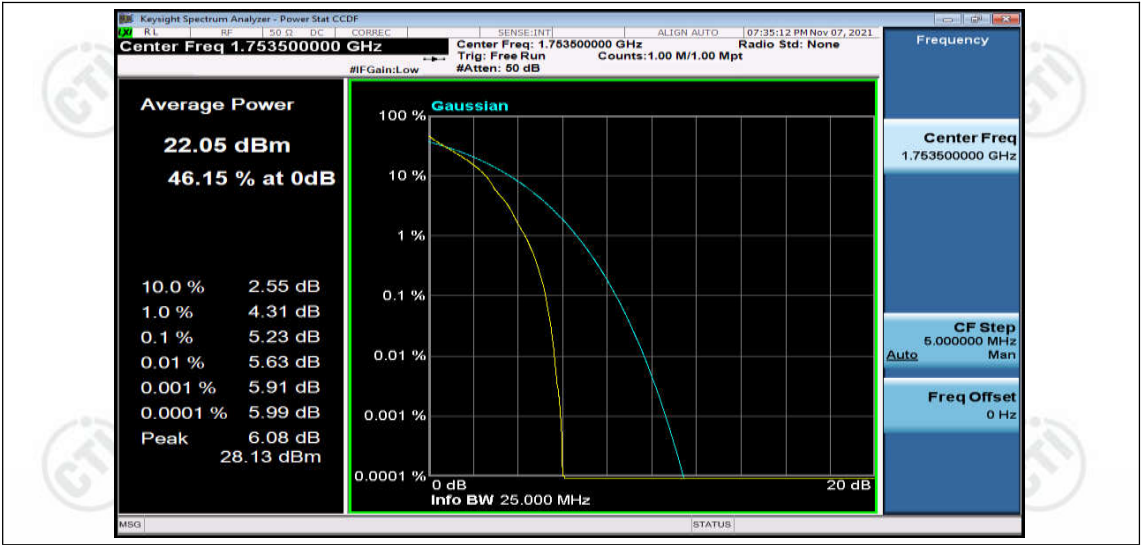
Band4-3MHz-QPSK-20175-1RB#0

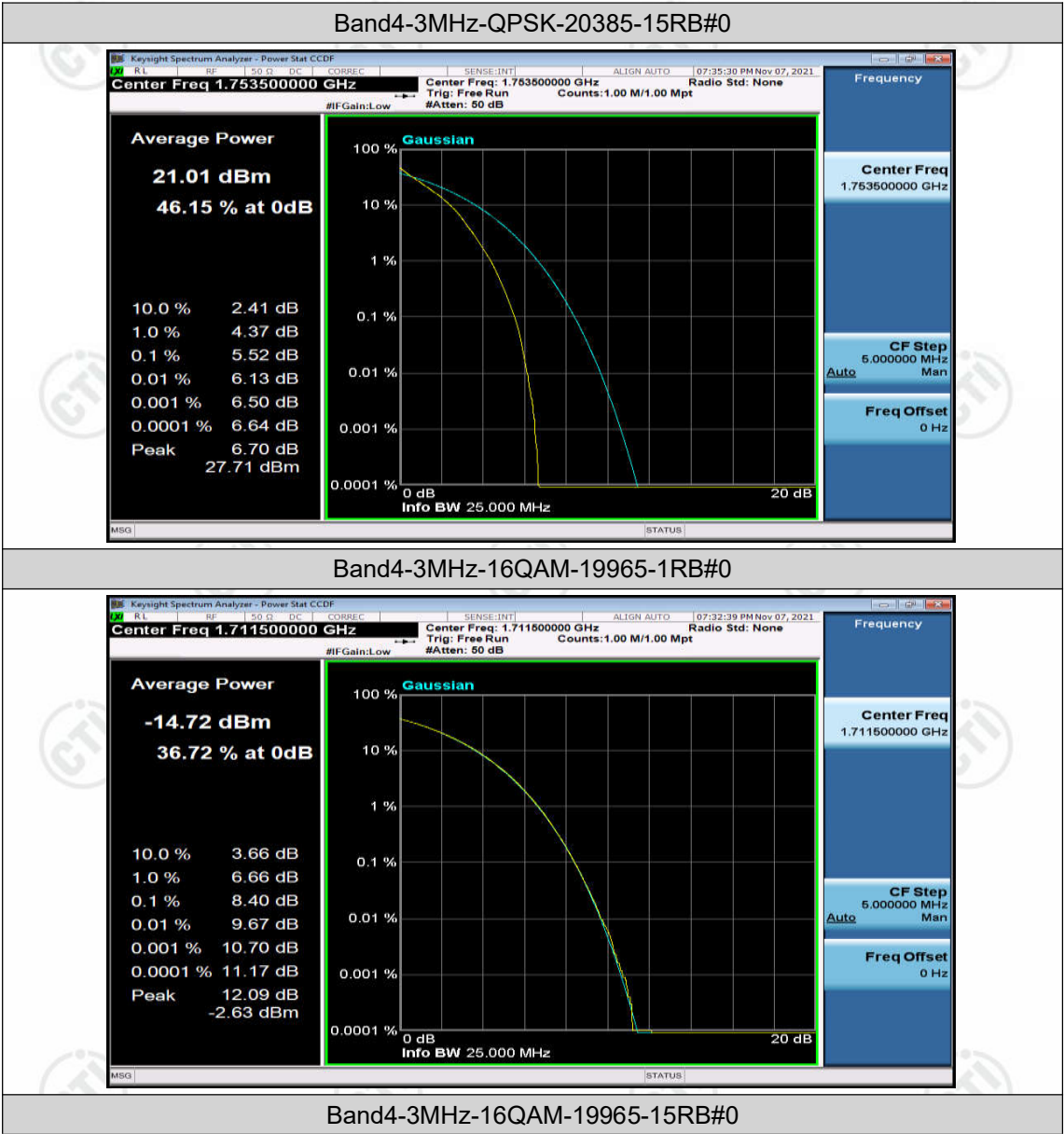


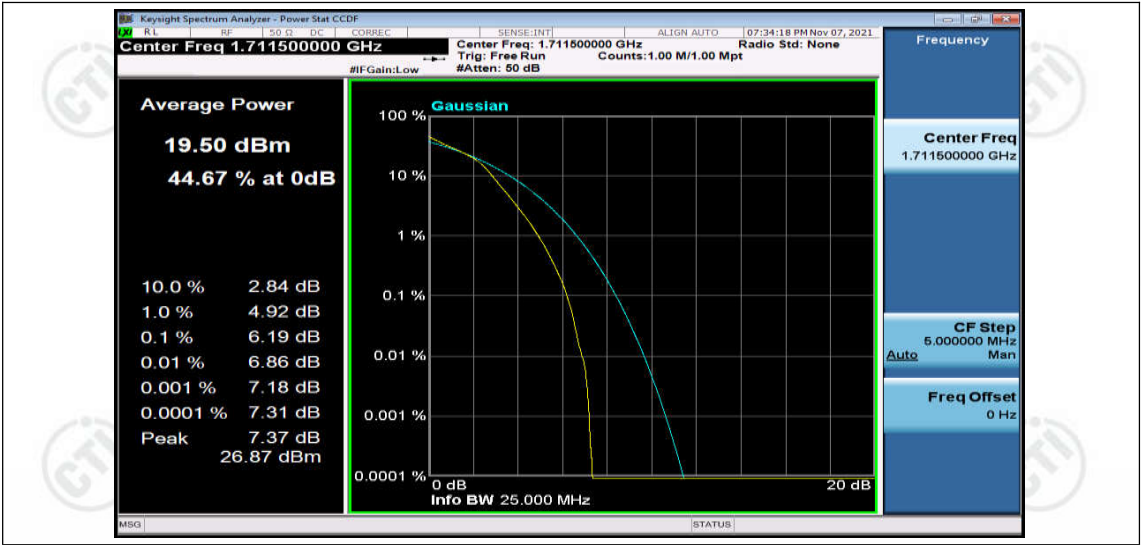
Band4-3MHz-QPSK-20175-15RB#0

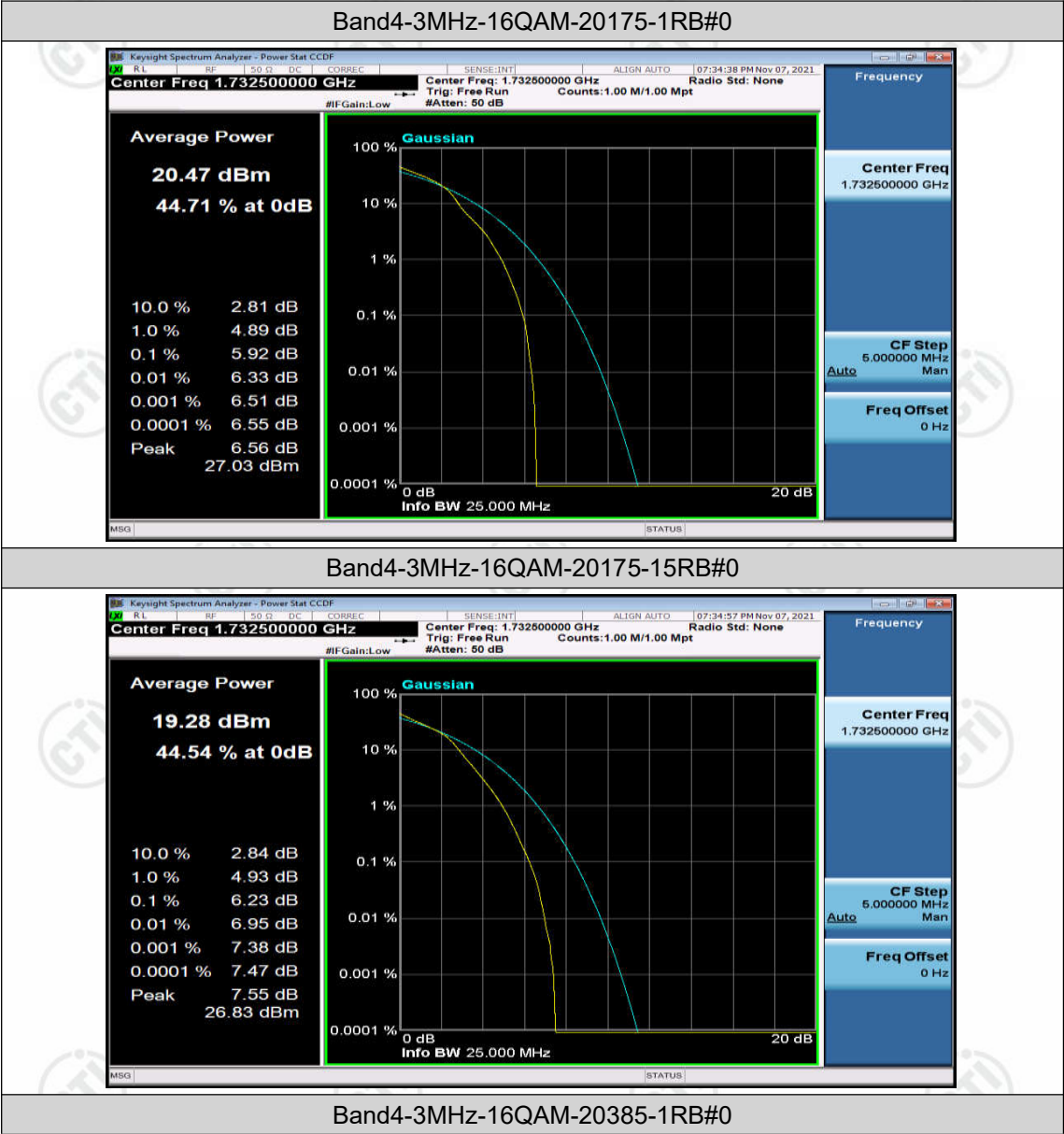


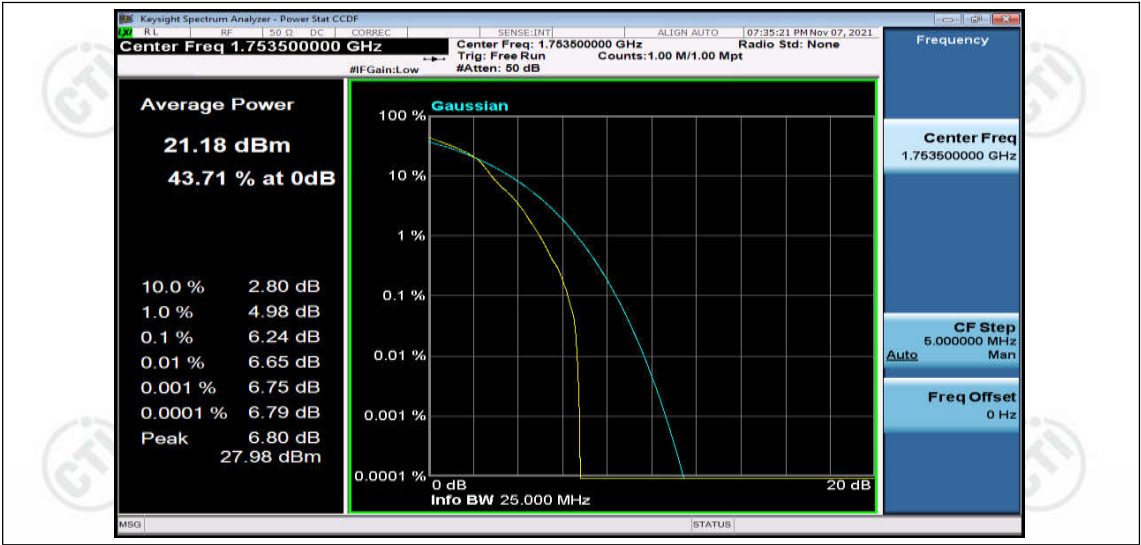
Band4-3MHz-QPSK-20385-1RB#0

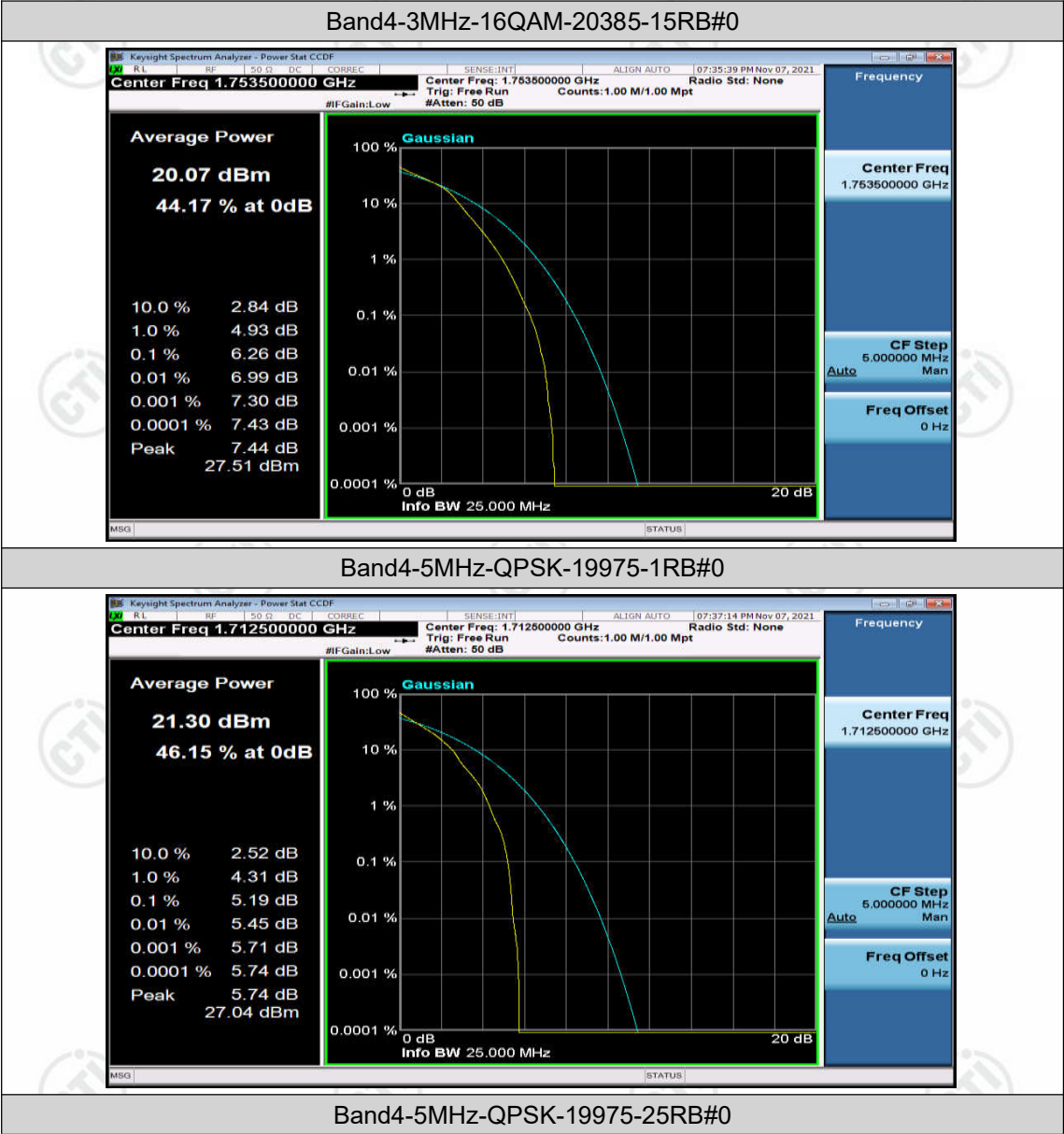


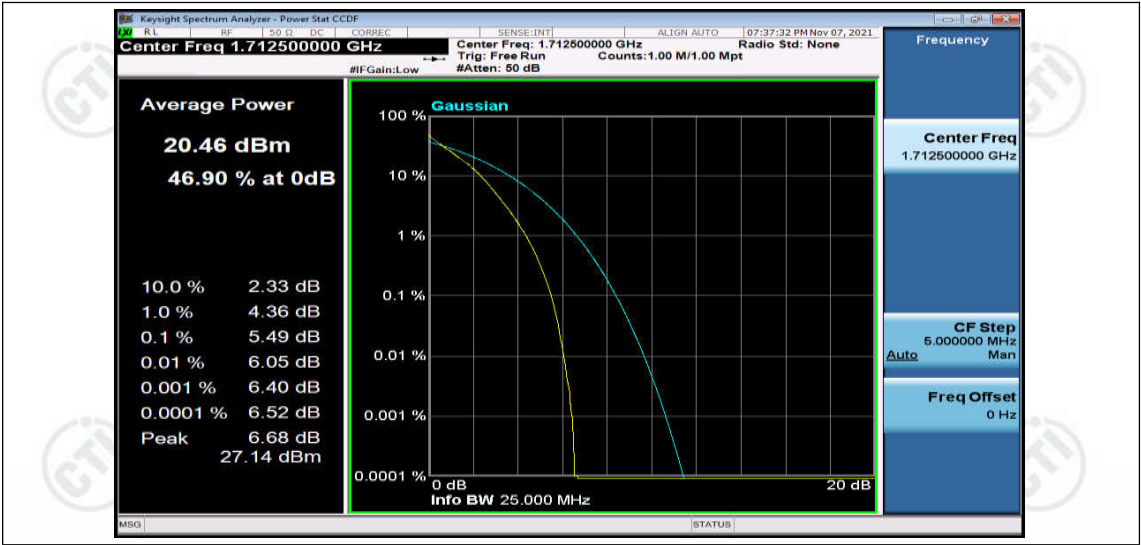




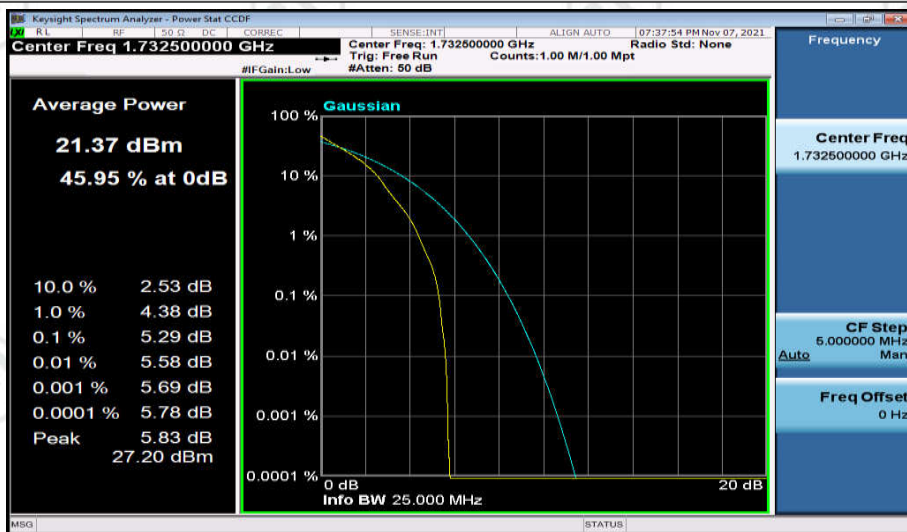




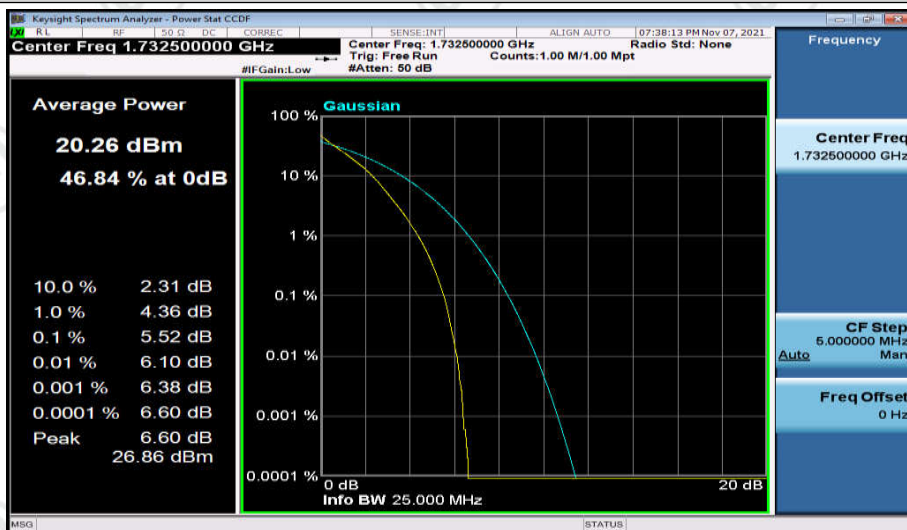




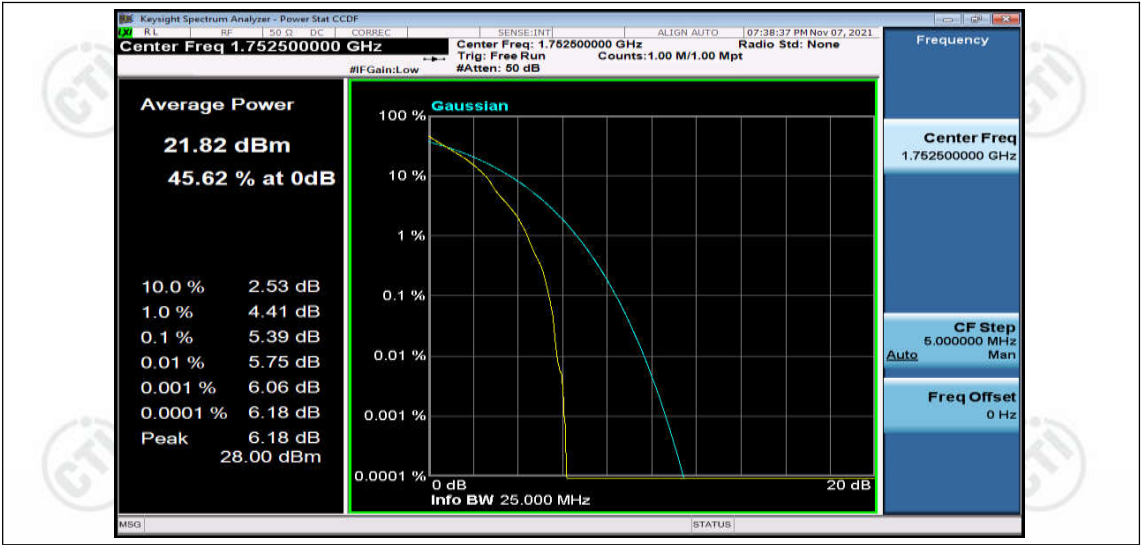
Band4-5MHz-QPSK-20175-1RB#0

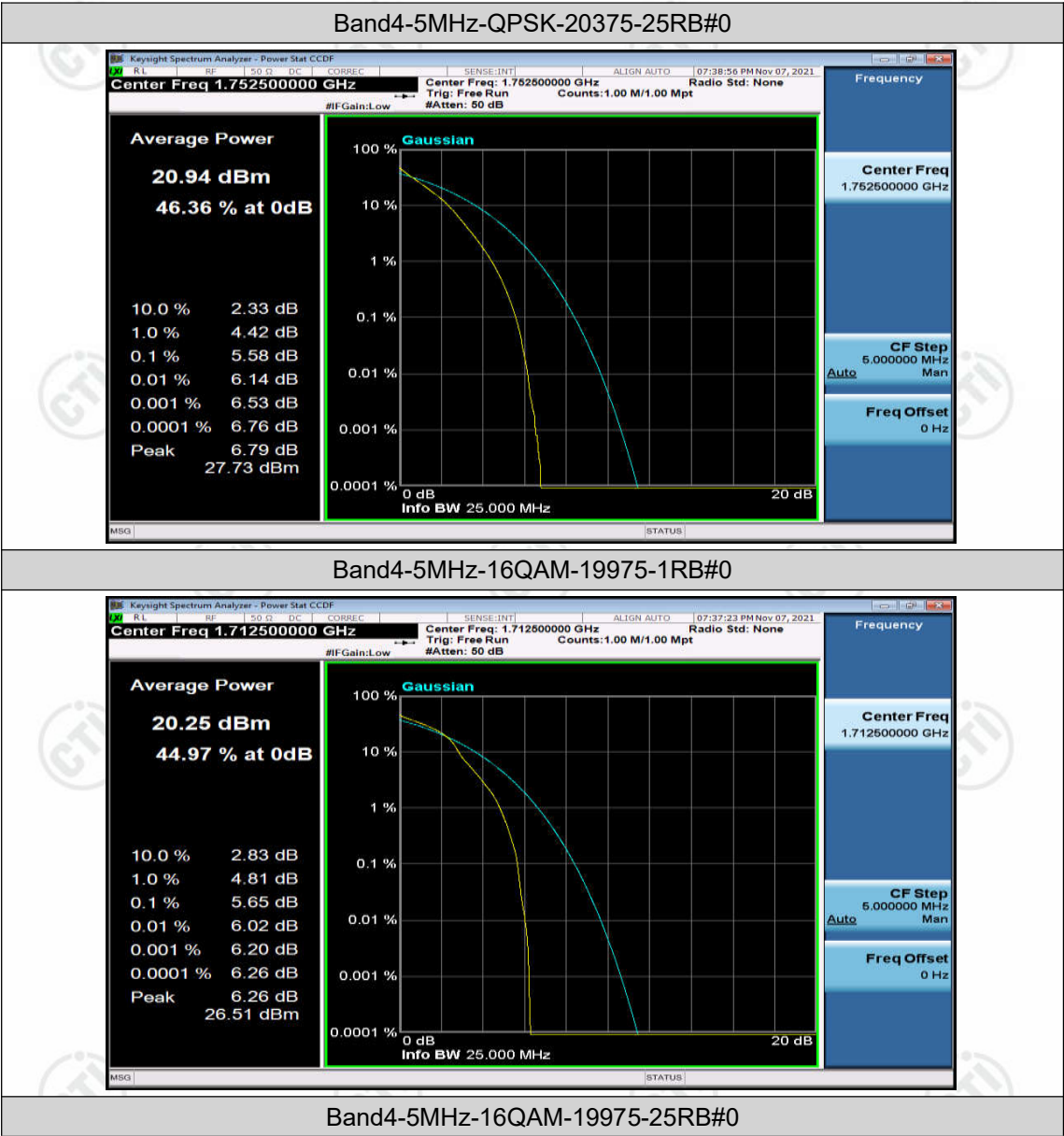


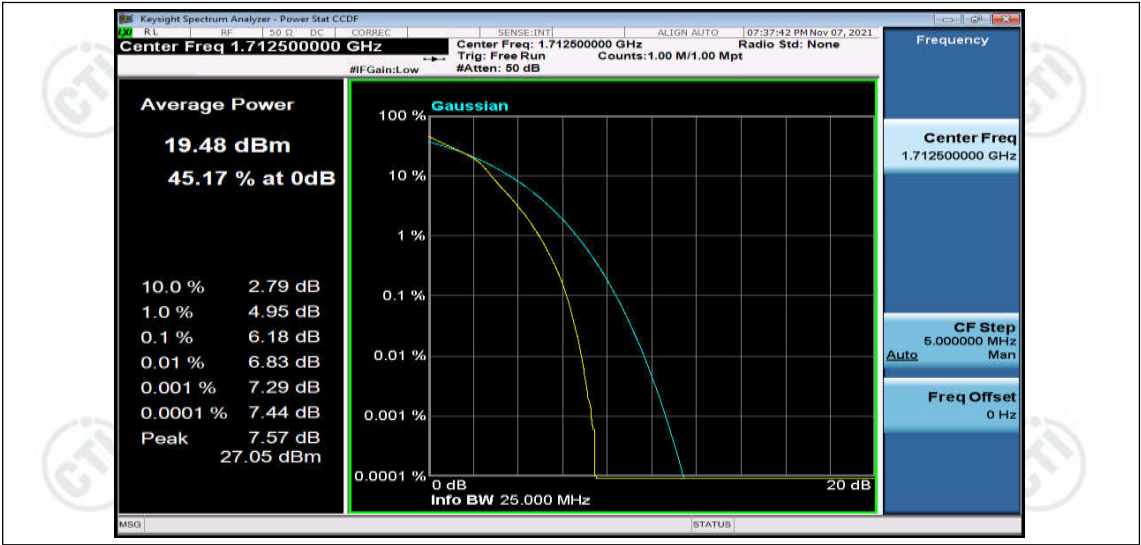
Band4-5MHz-QPSK-20175-25RB#0



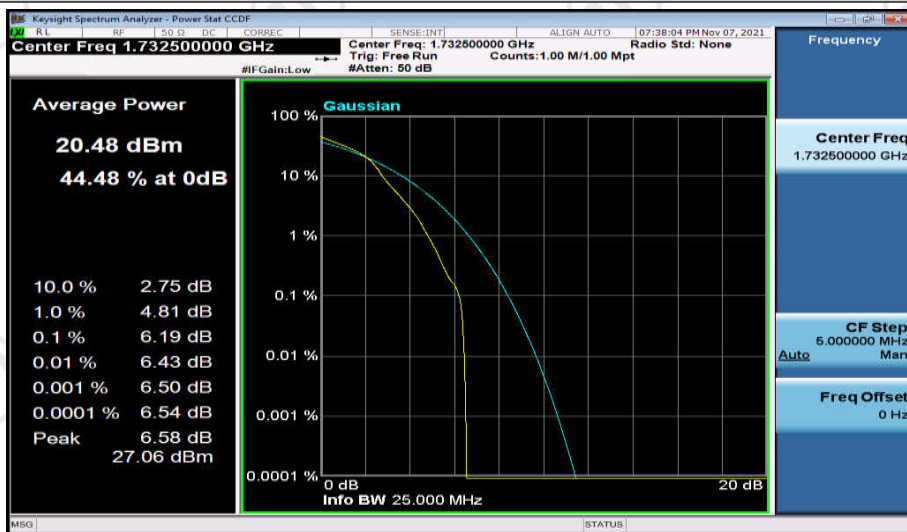
Band4-5MHz-QPSK-20375-1RB#0



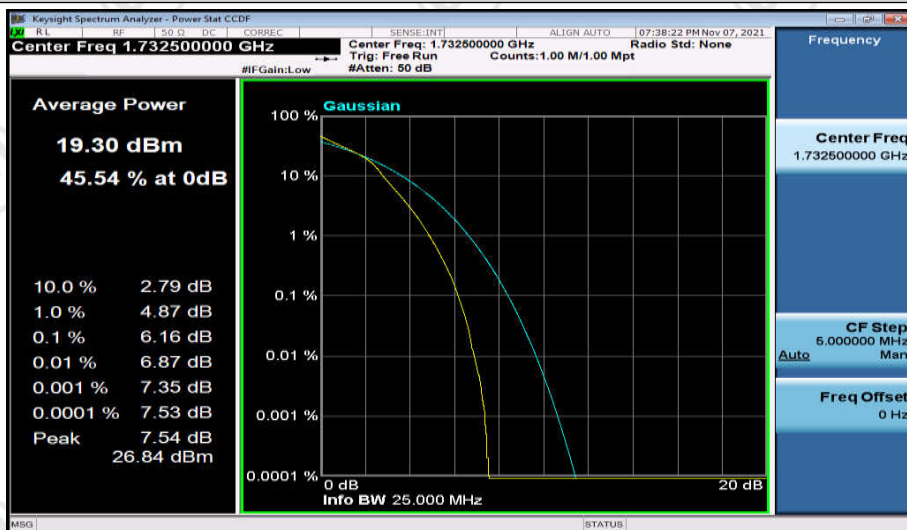




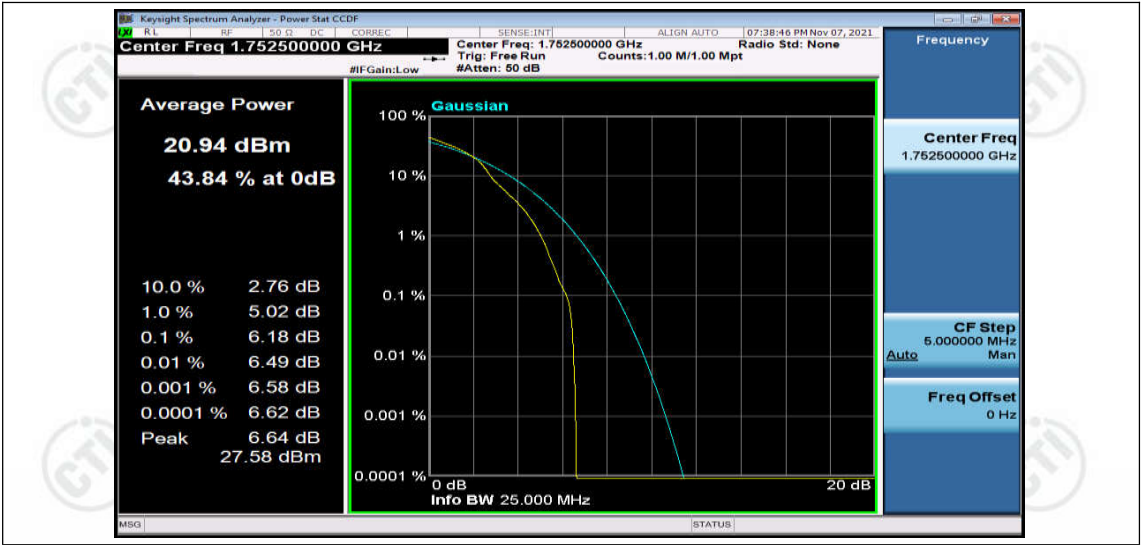
Band4-5MHz-16QAM-20175-1RB#0

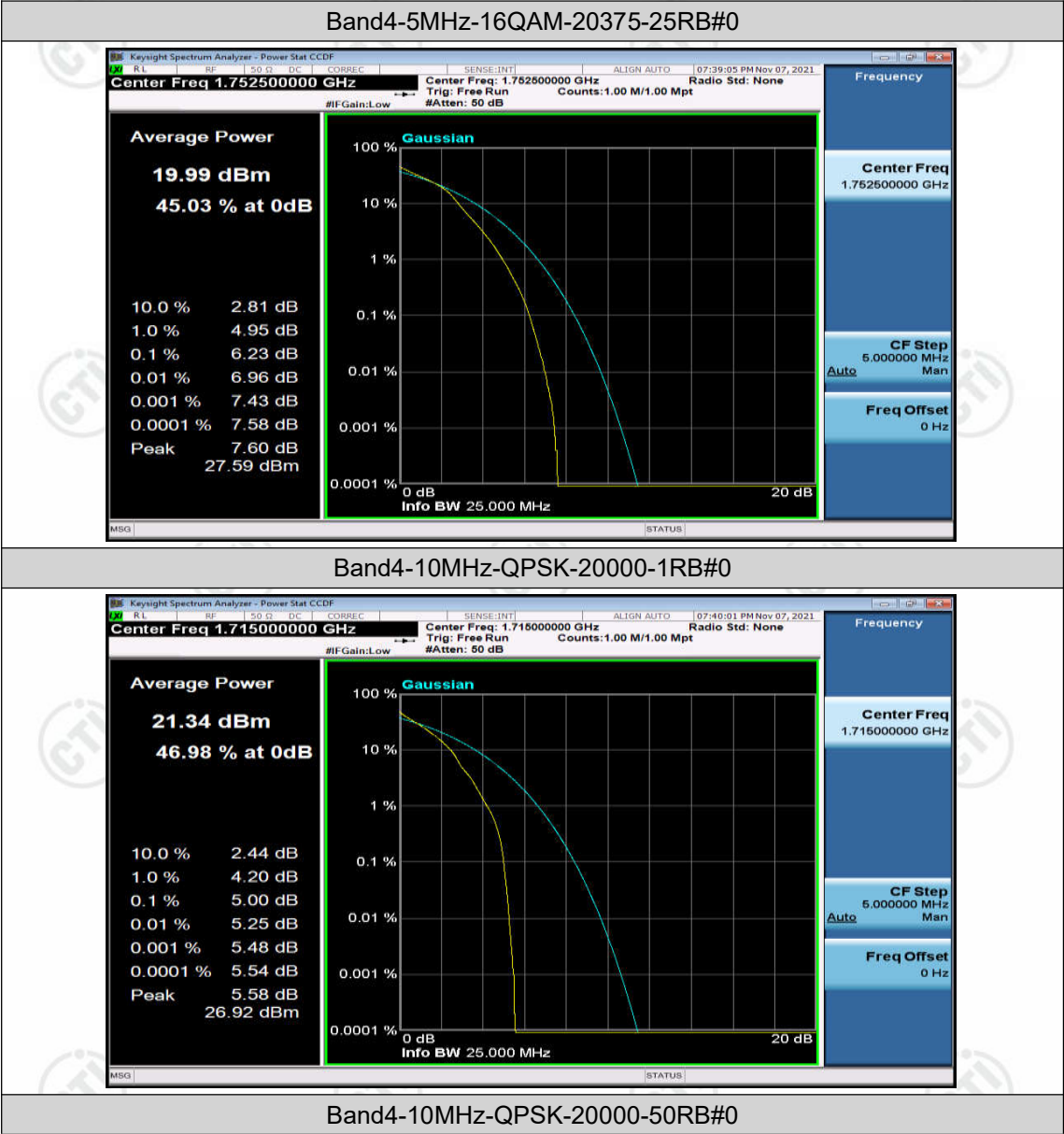


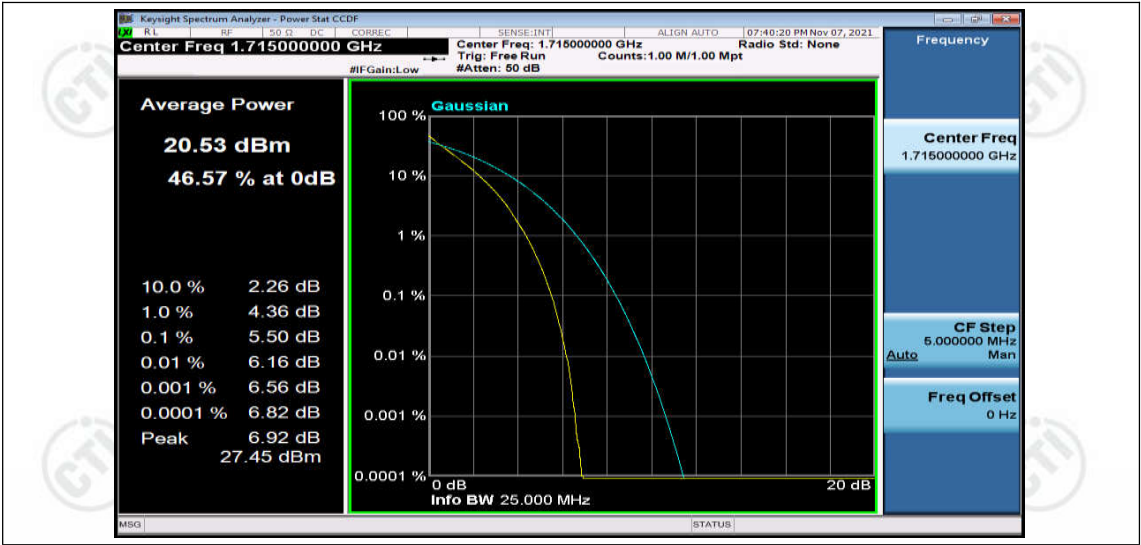
Band4-5MHz-16QAM-20175-25RB#0



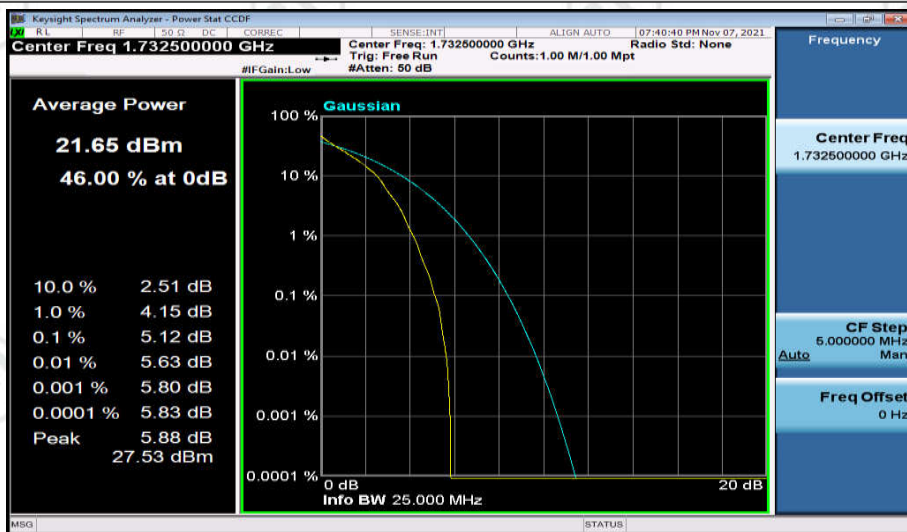
Band4-5MHz-16QAM-20375-1RB#0



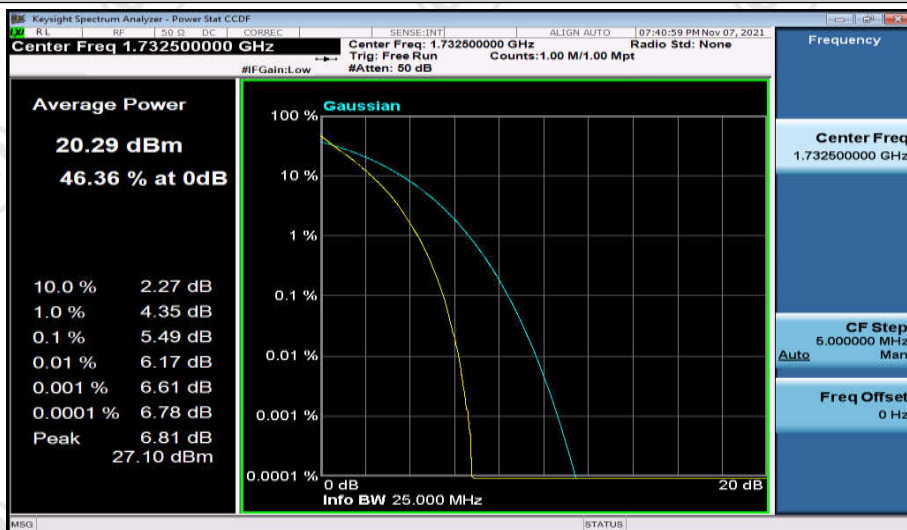




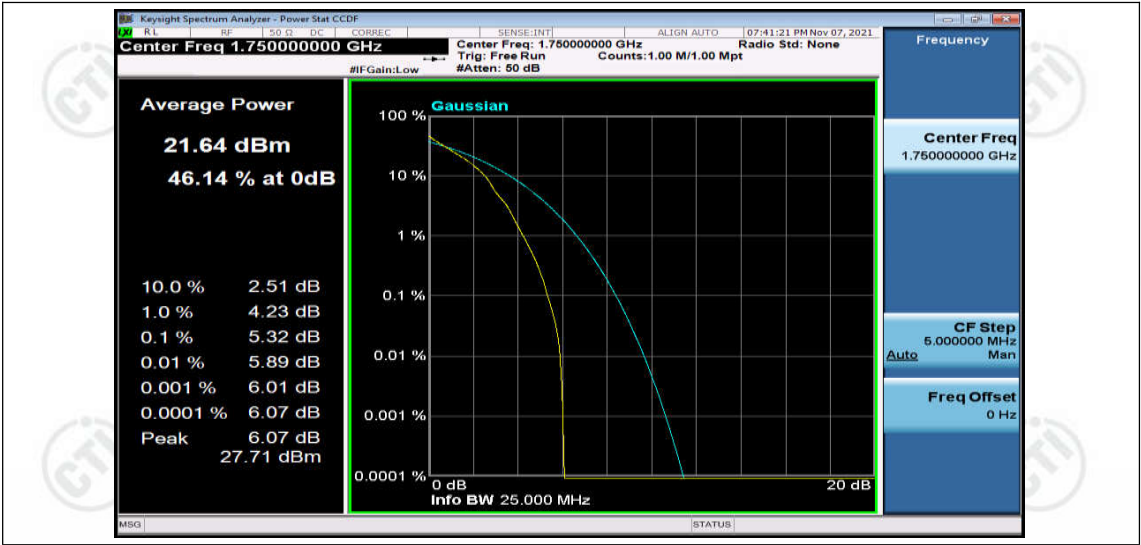
Band4-10MHz-QPSK-20175-1RB#0

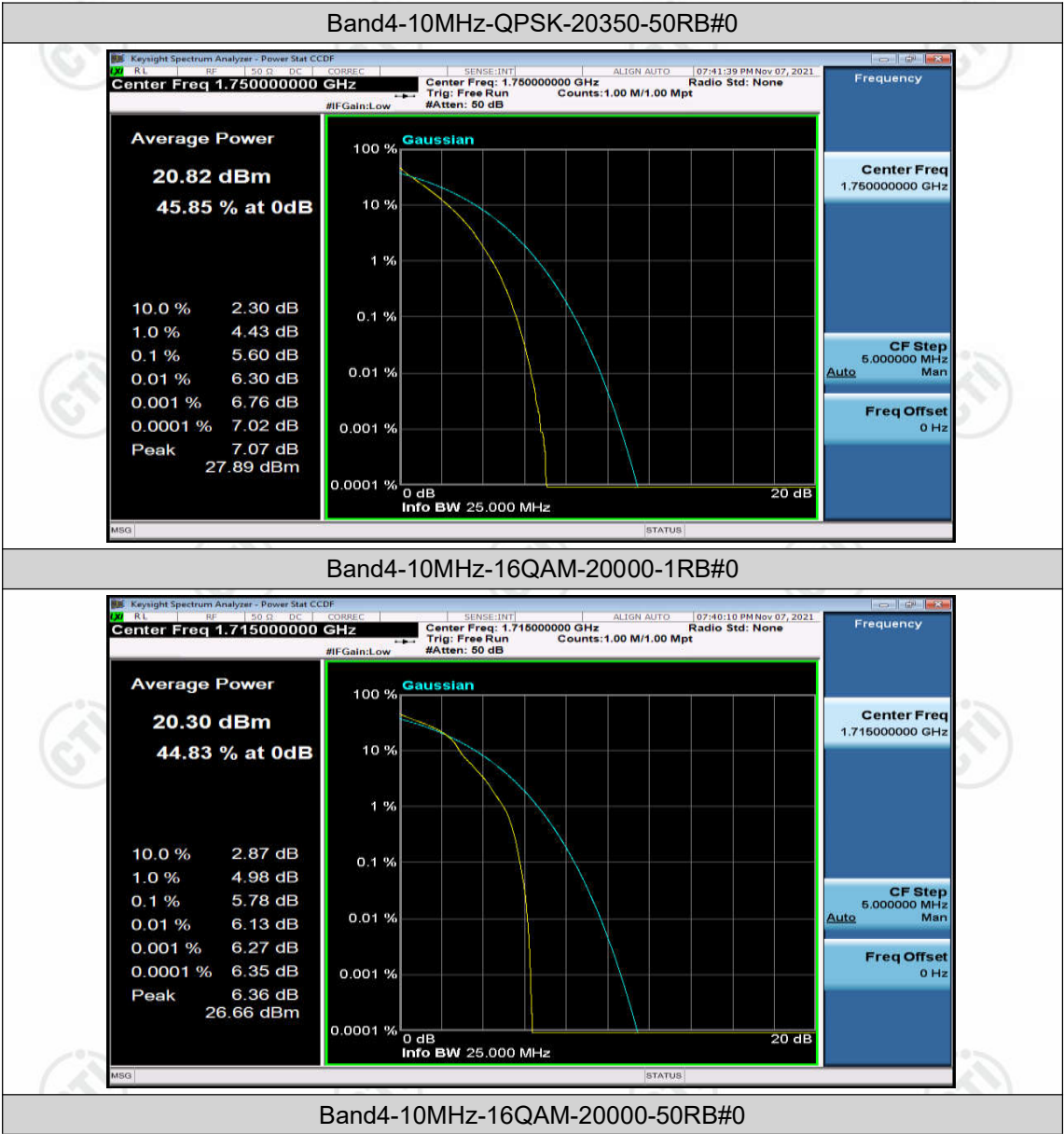


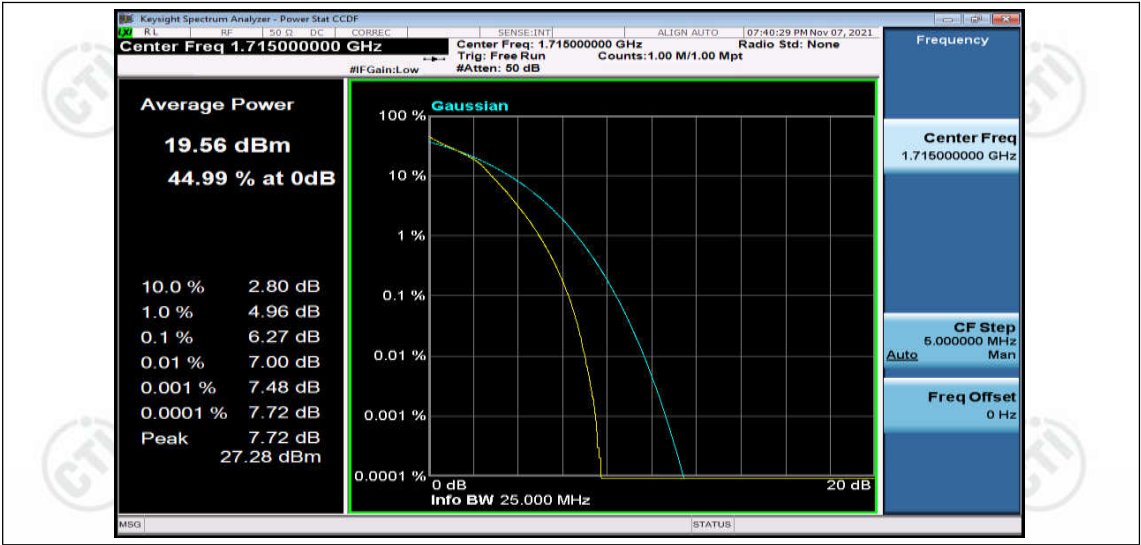
Band4-10MHz-QPSK-20175-50RB#0

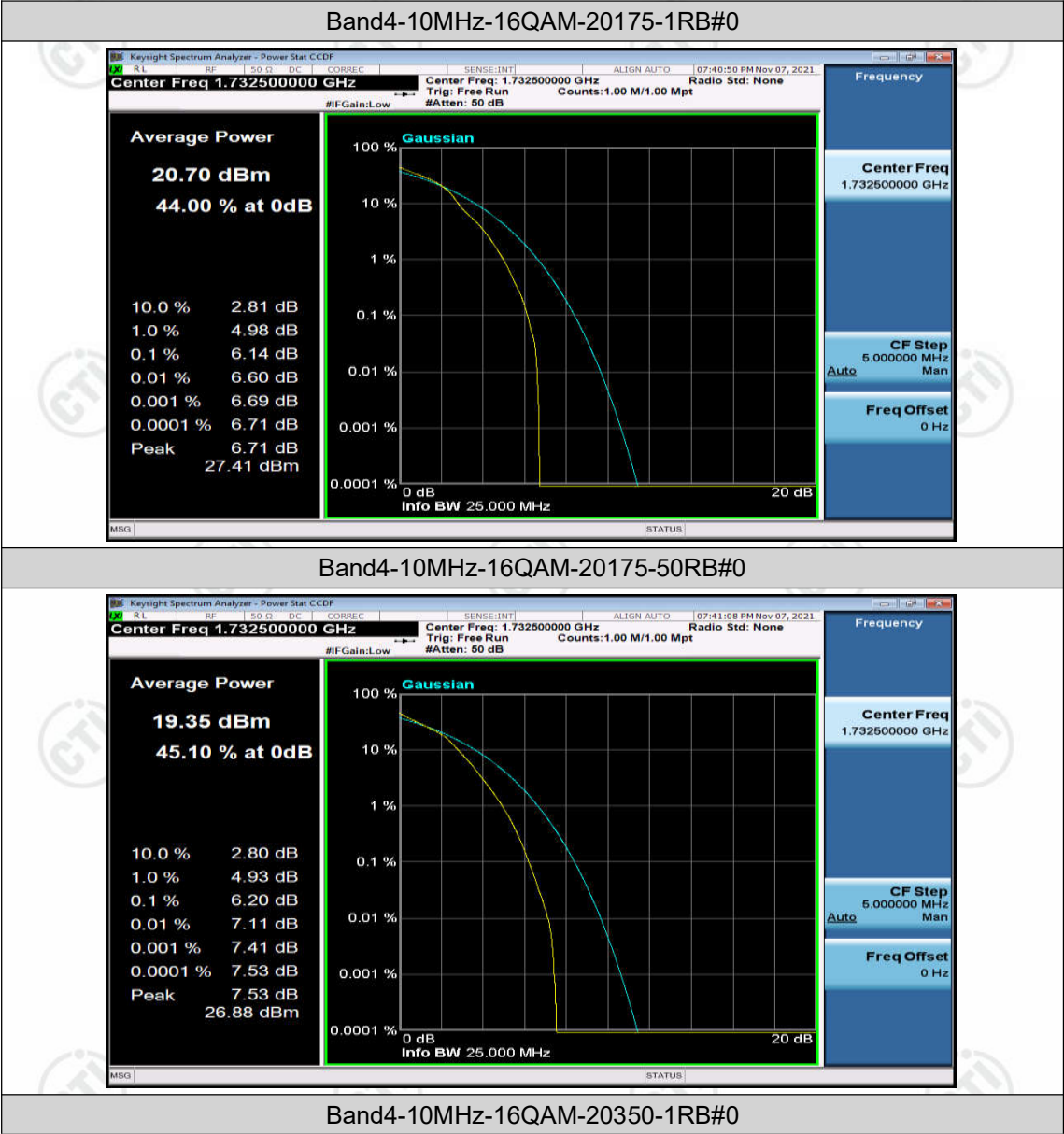


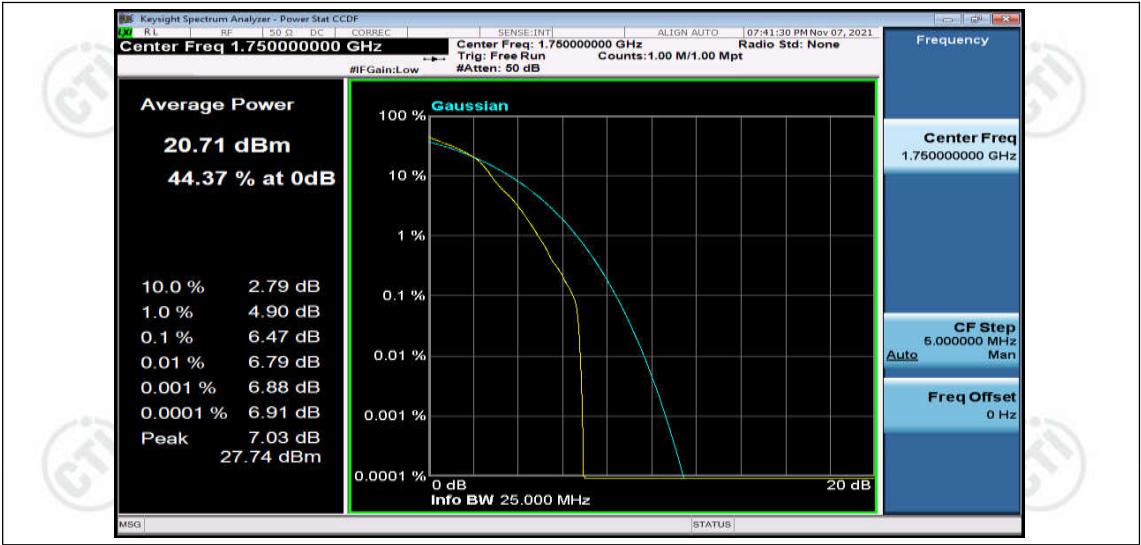
Band4-10MHz-QPSK-20350-1RB#0

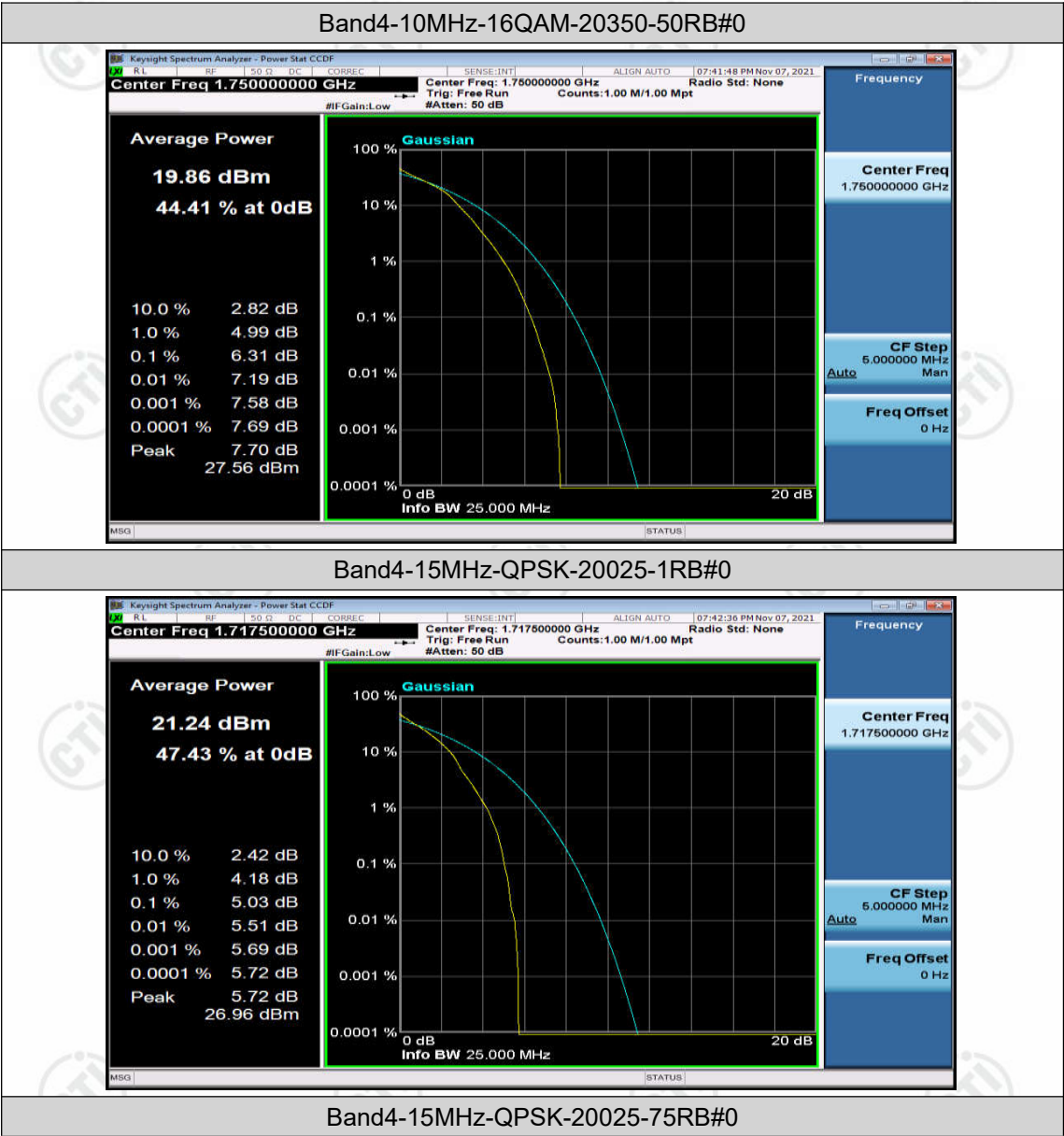


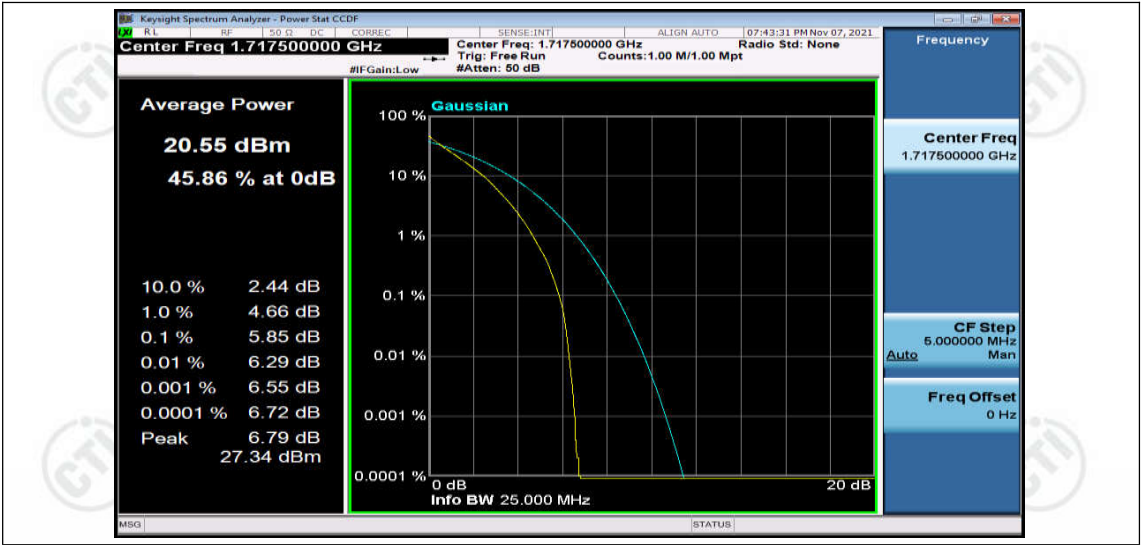


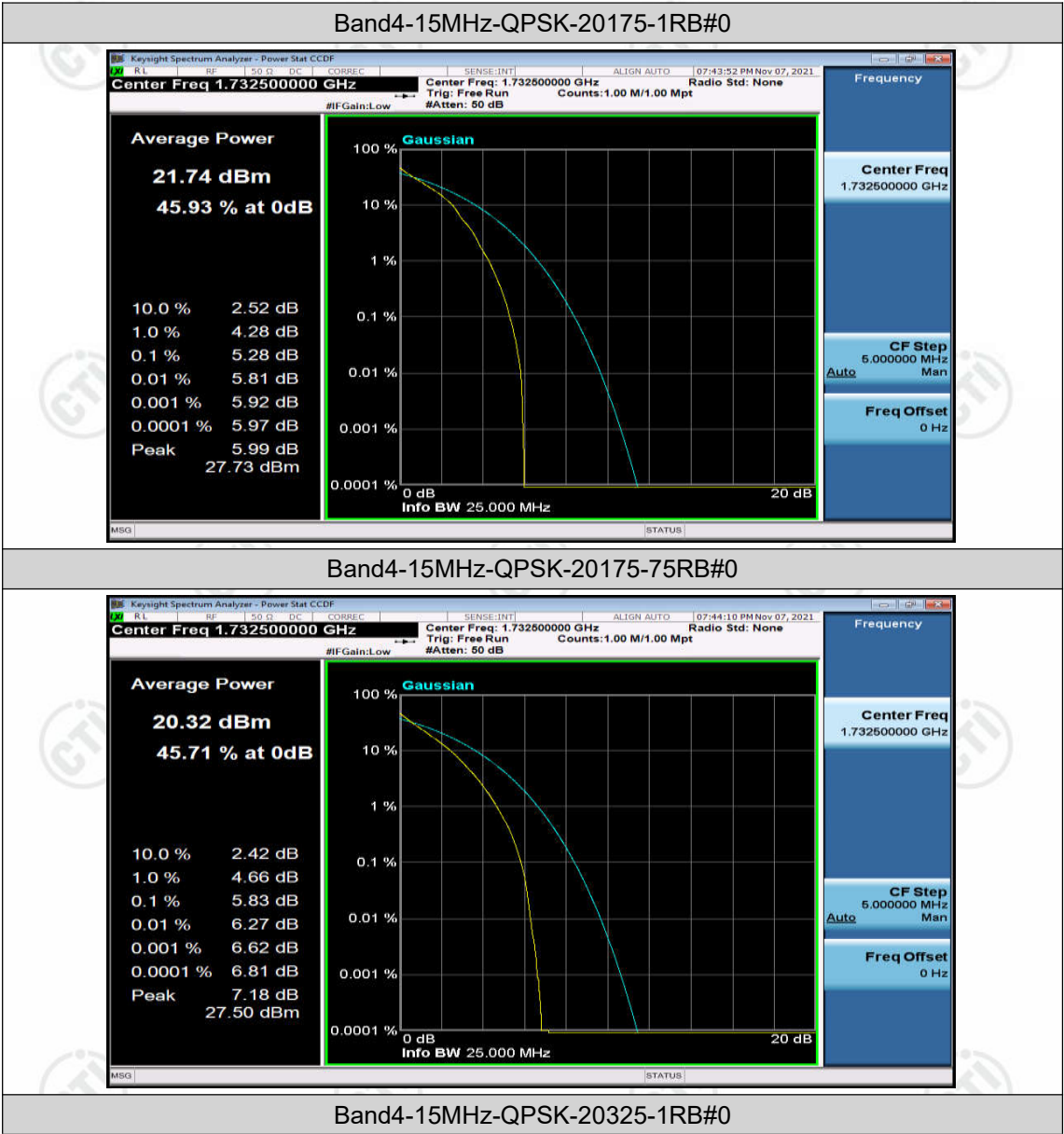


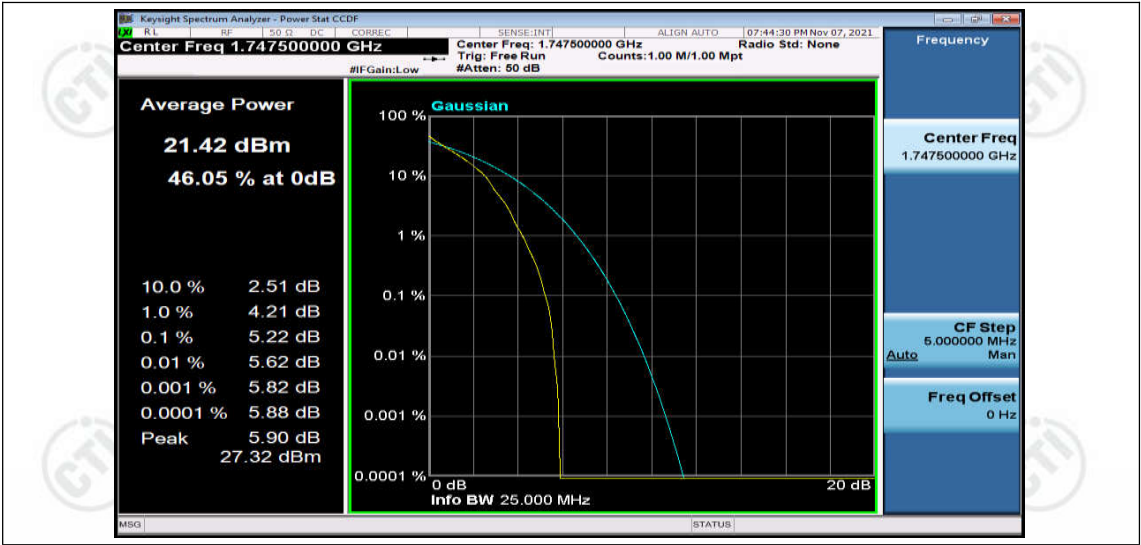




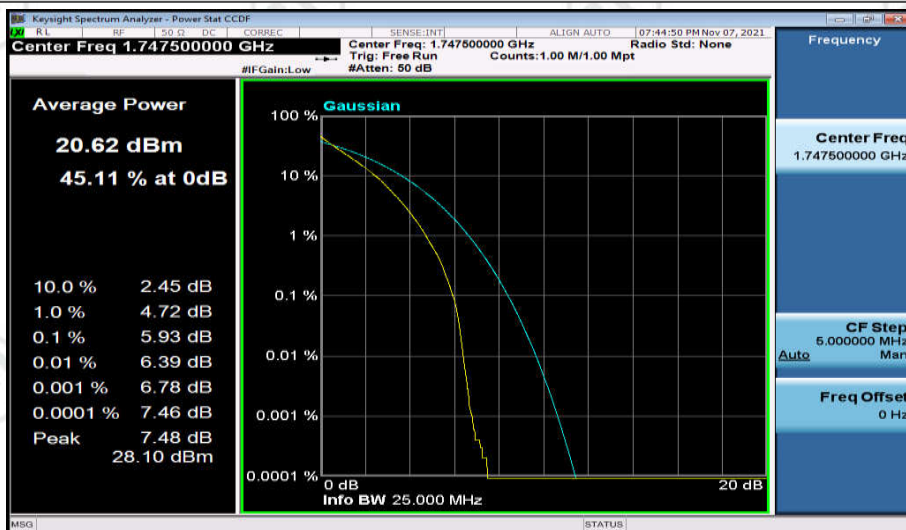




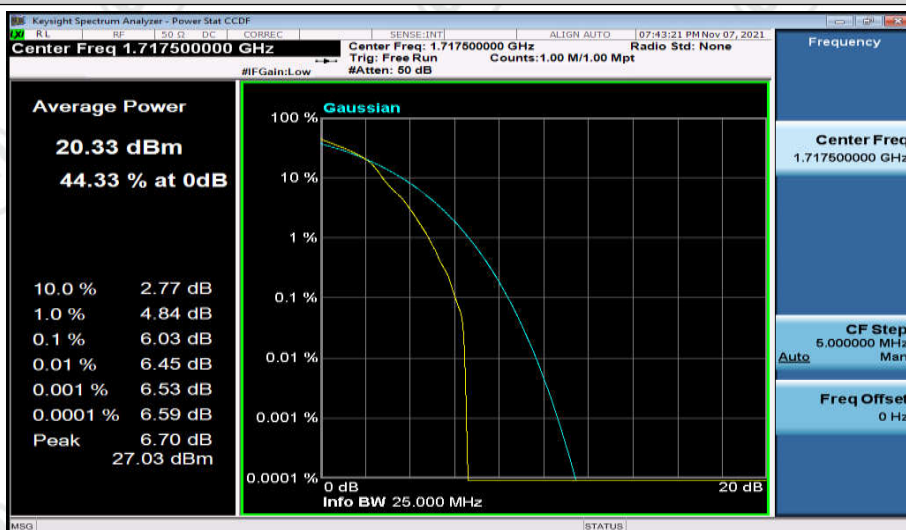




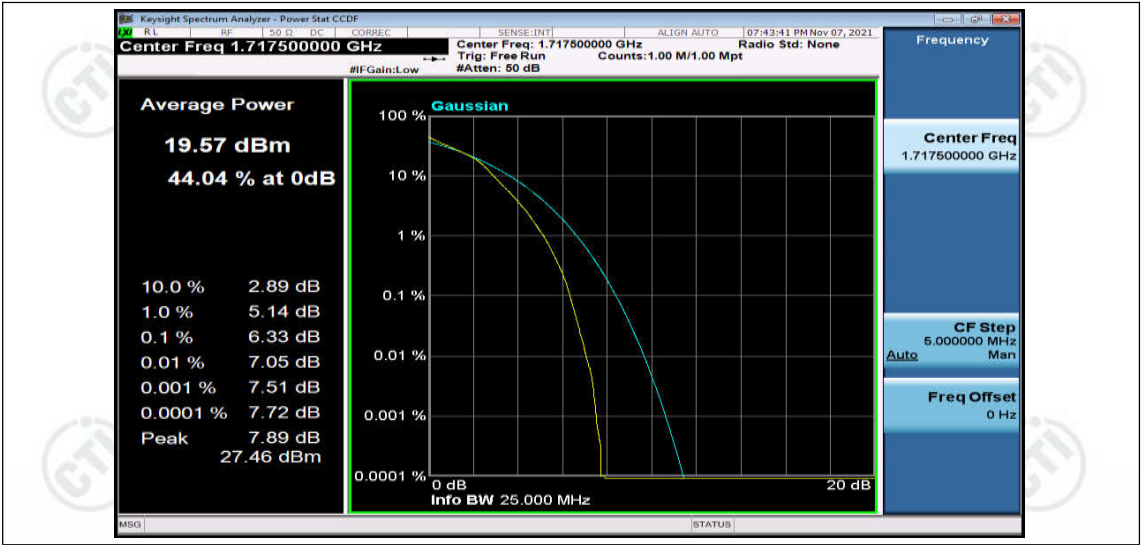
Band4-15MHz-QPSK-20325-75RB#0



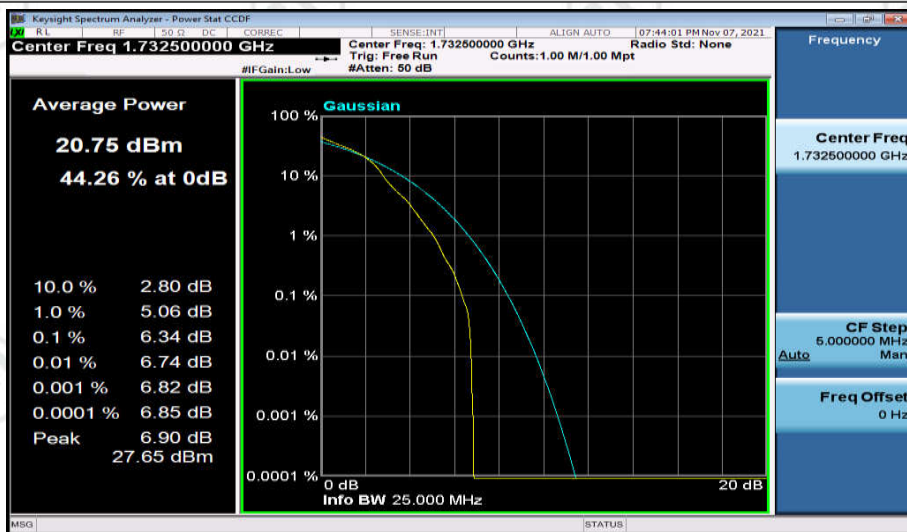
Band4-15MHz-16QAM-20025-1RB#0



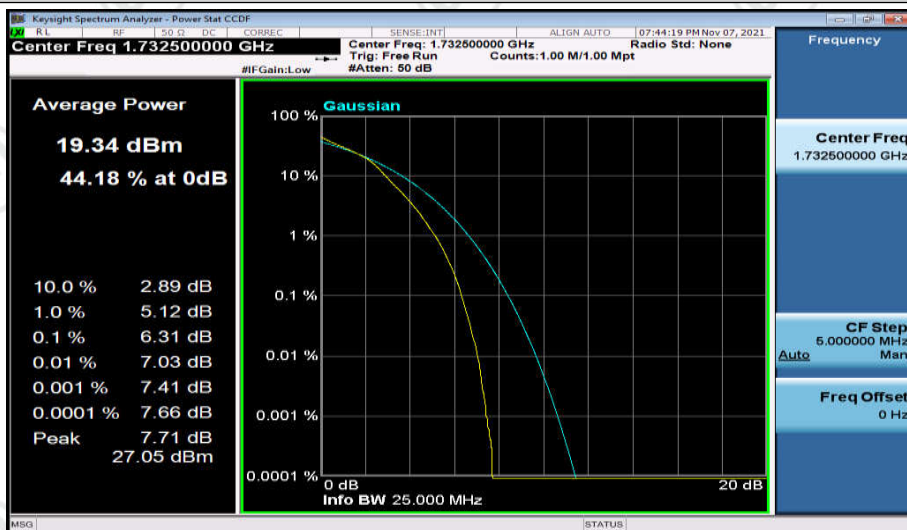
Band4-15MHz-16QAM-20025-75RB#0



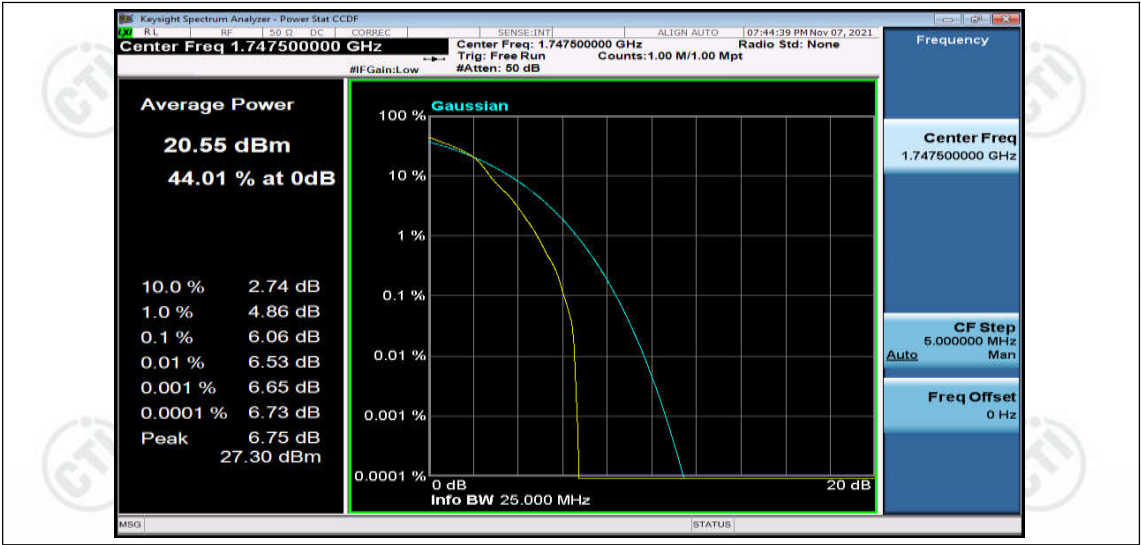
Band4-15MHz-16QAM-20175-1RB#0

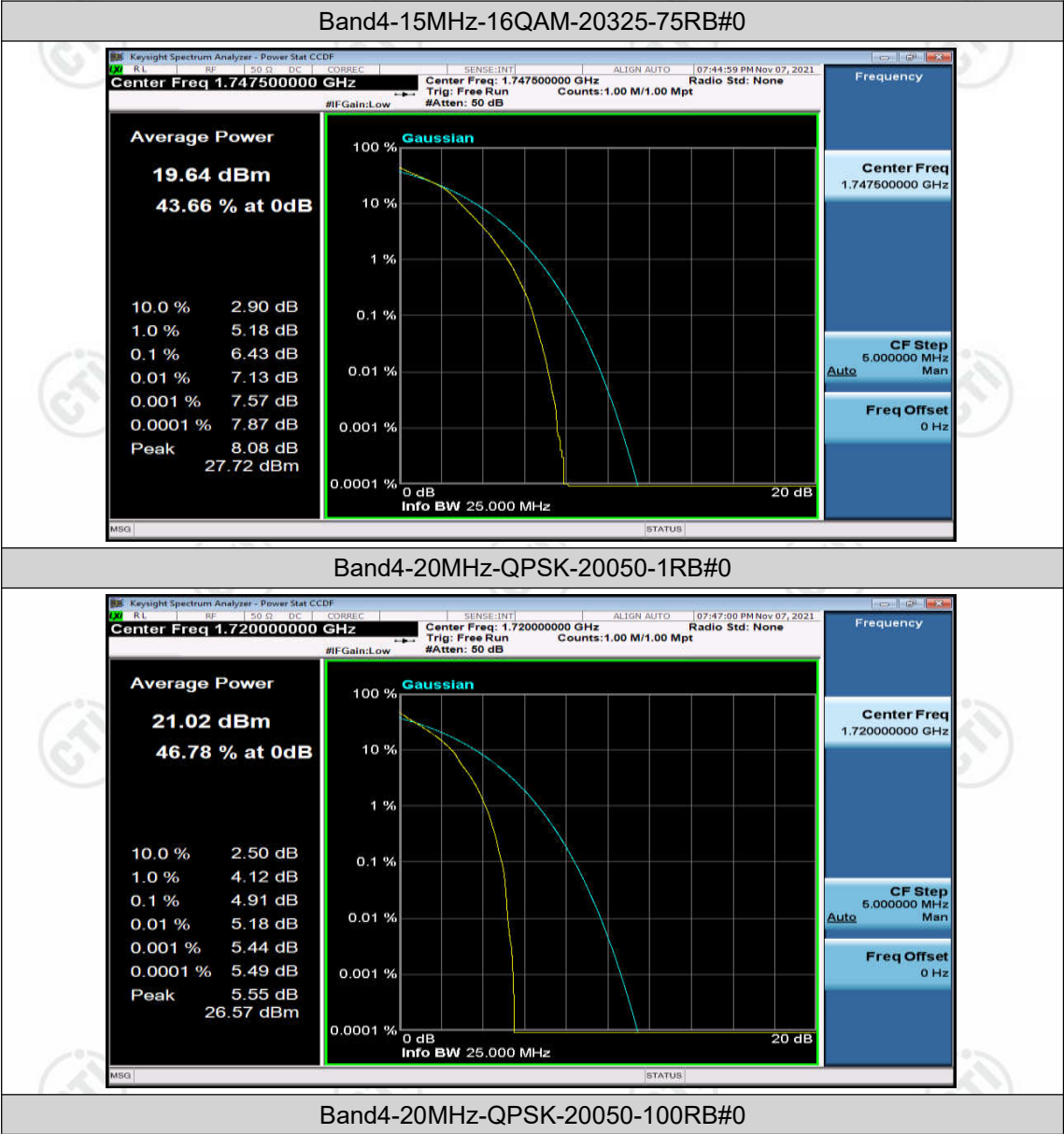


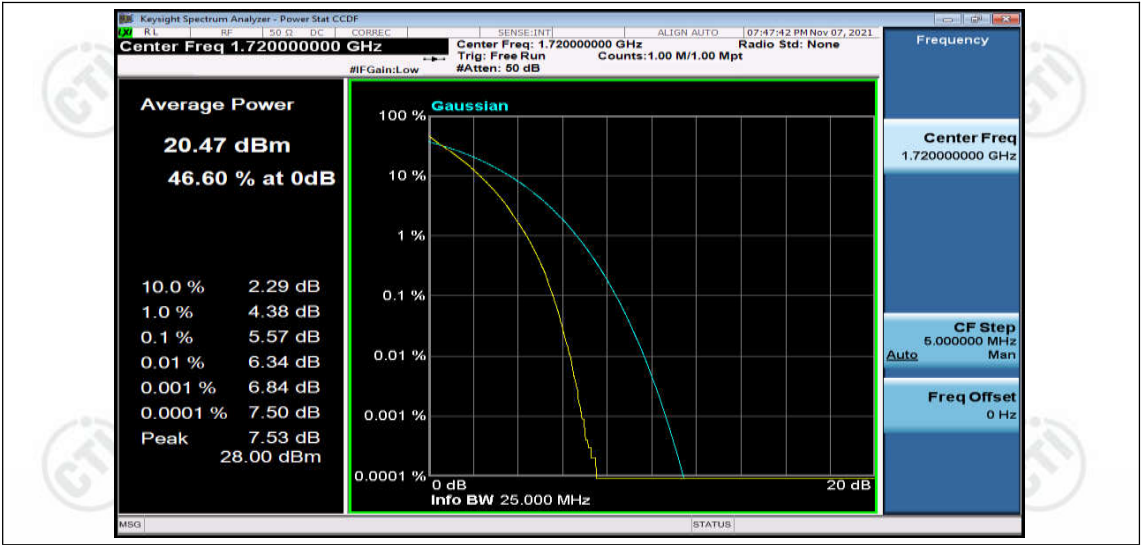
Band4-15MHz-16QAM-20175-75RB#0

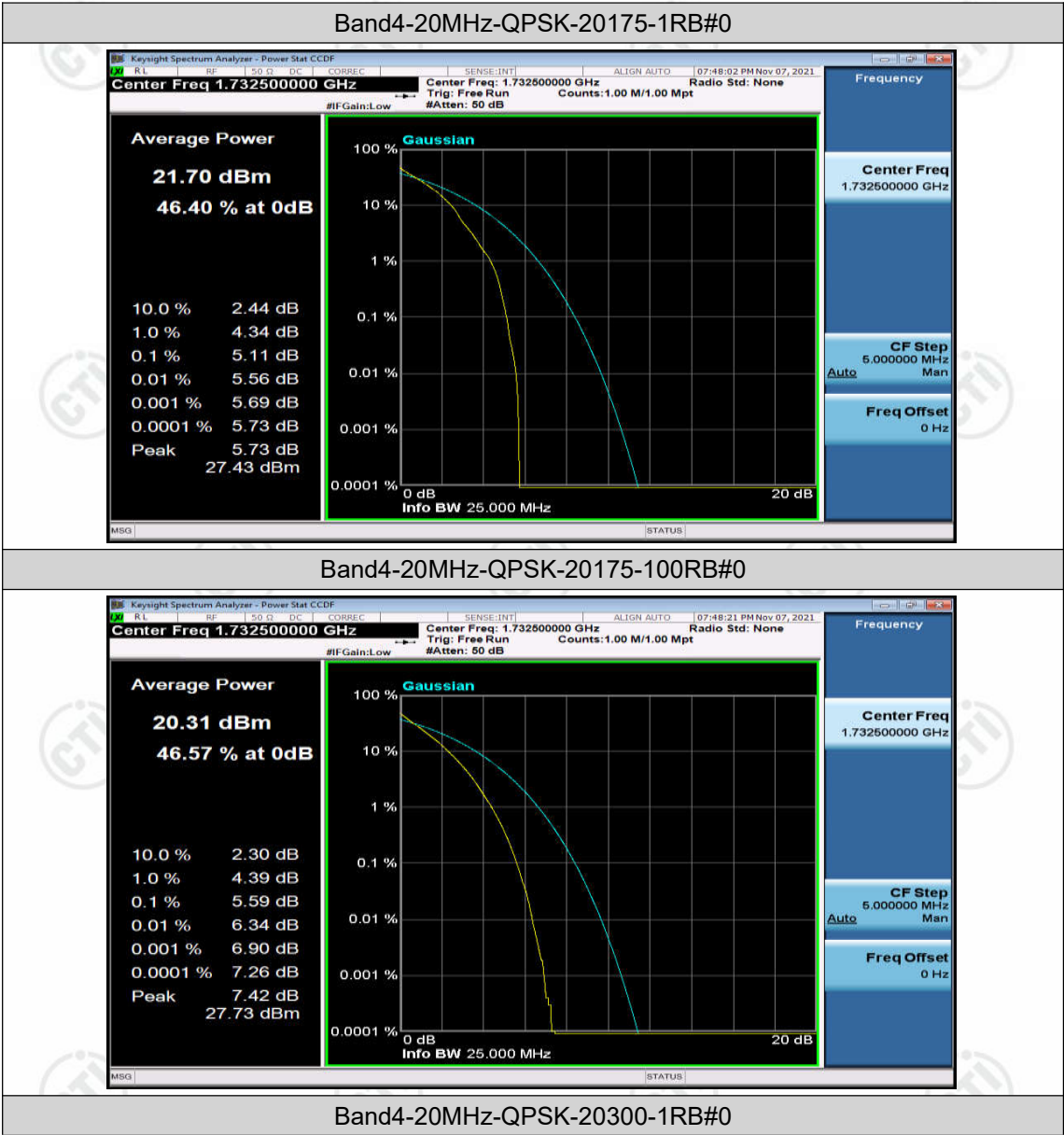


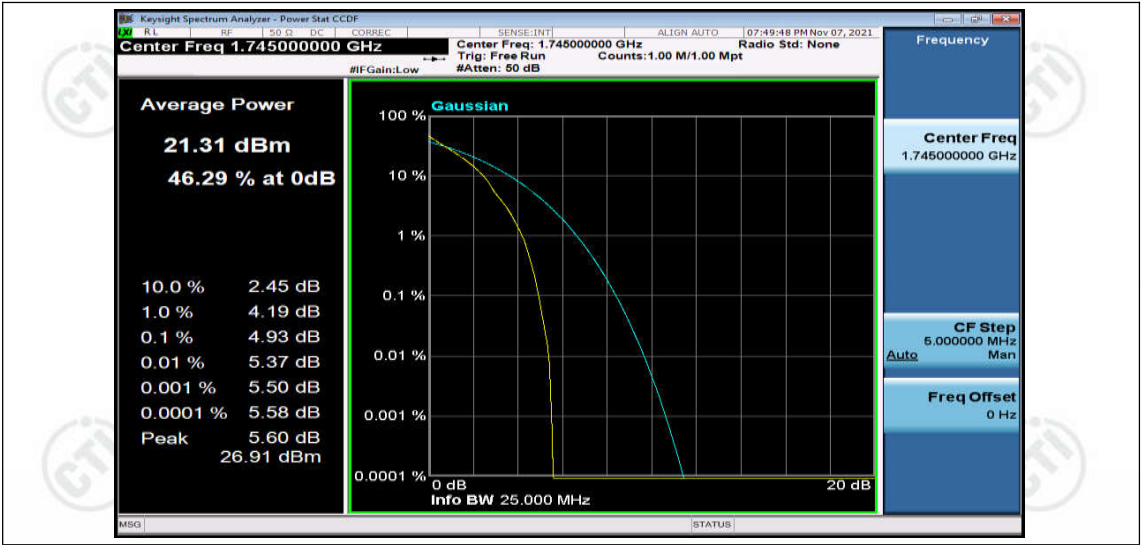
Band4-15MHz-16QAM-20325-1RB#0

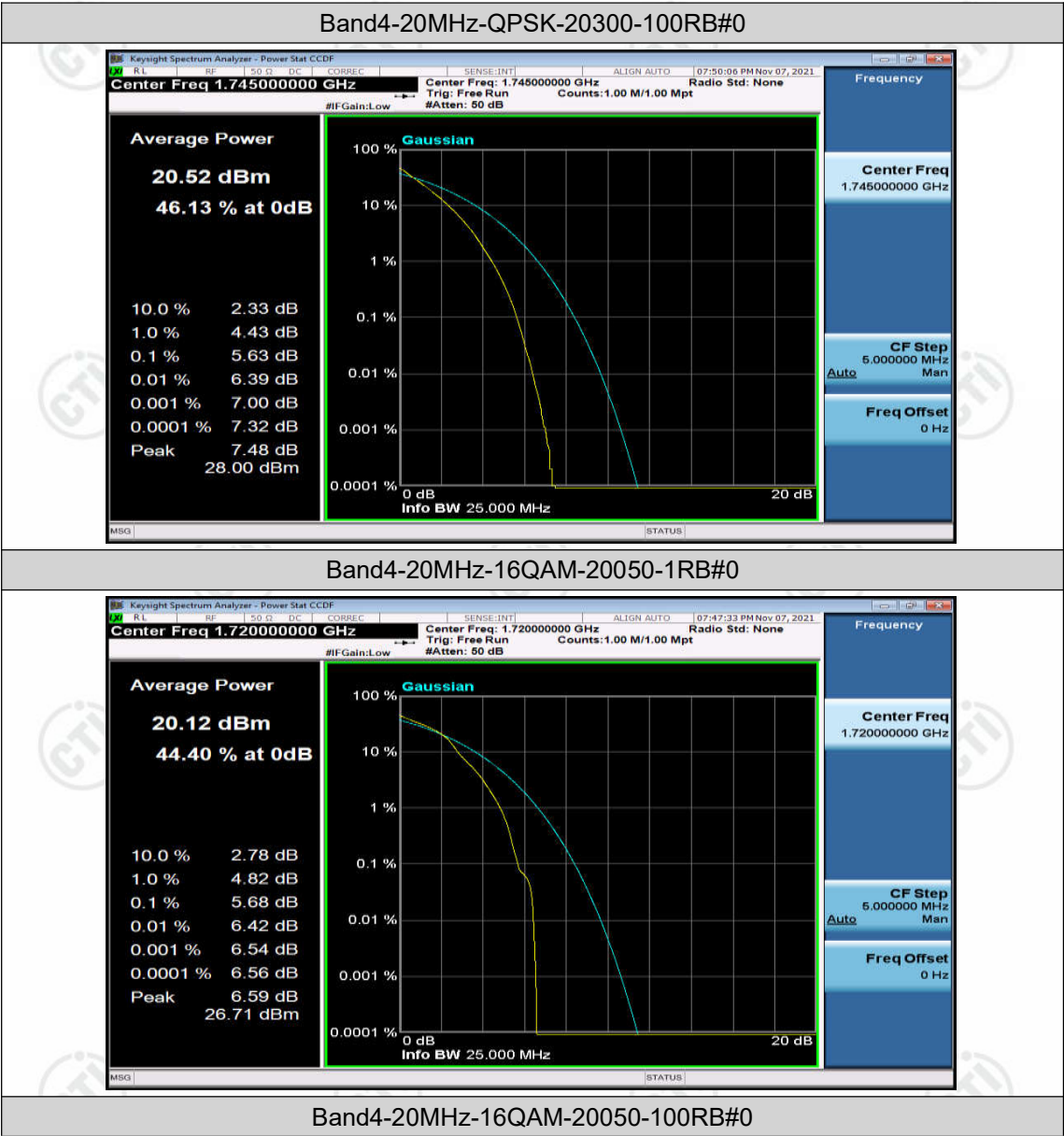


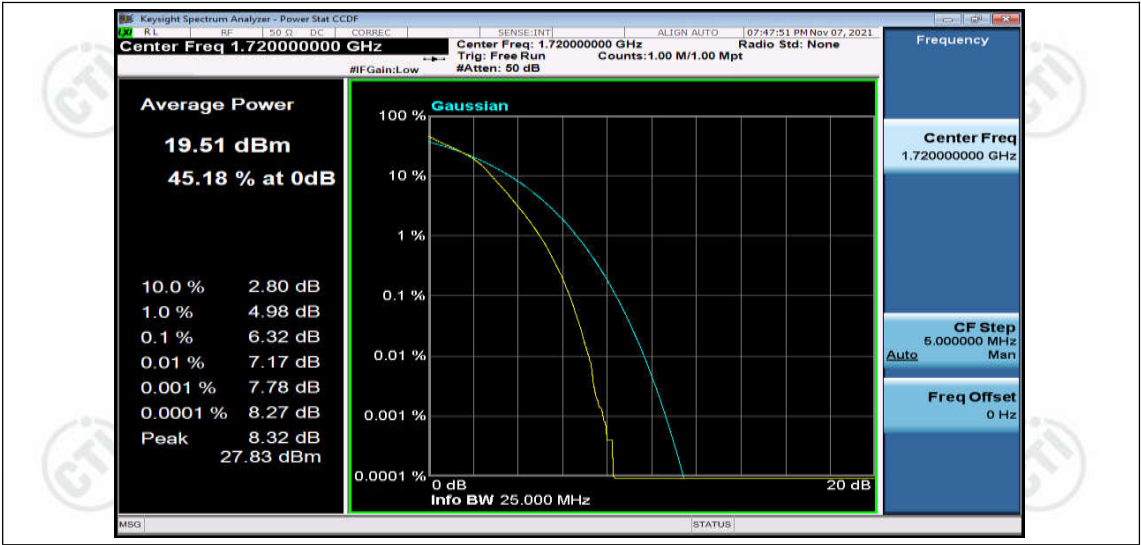


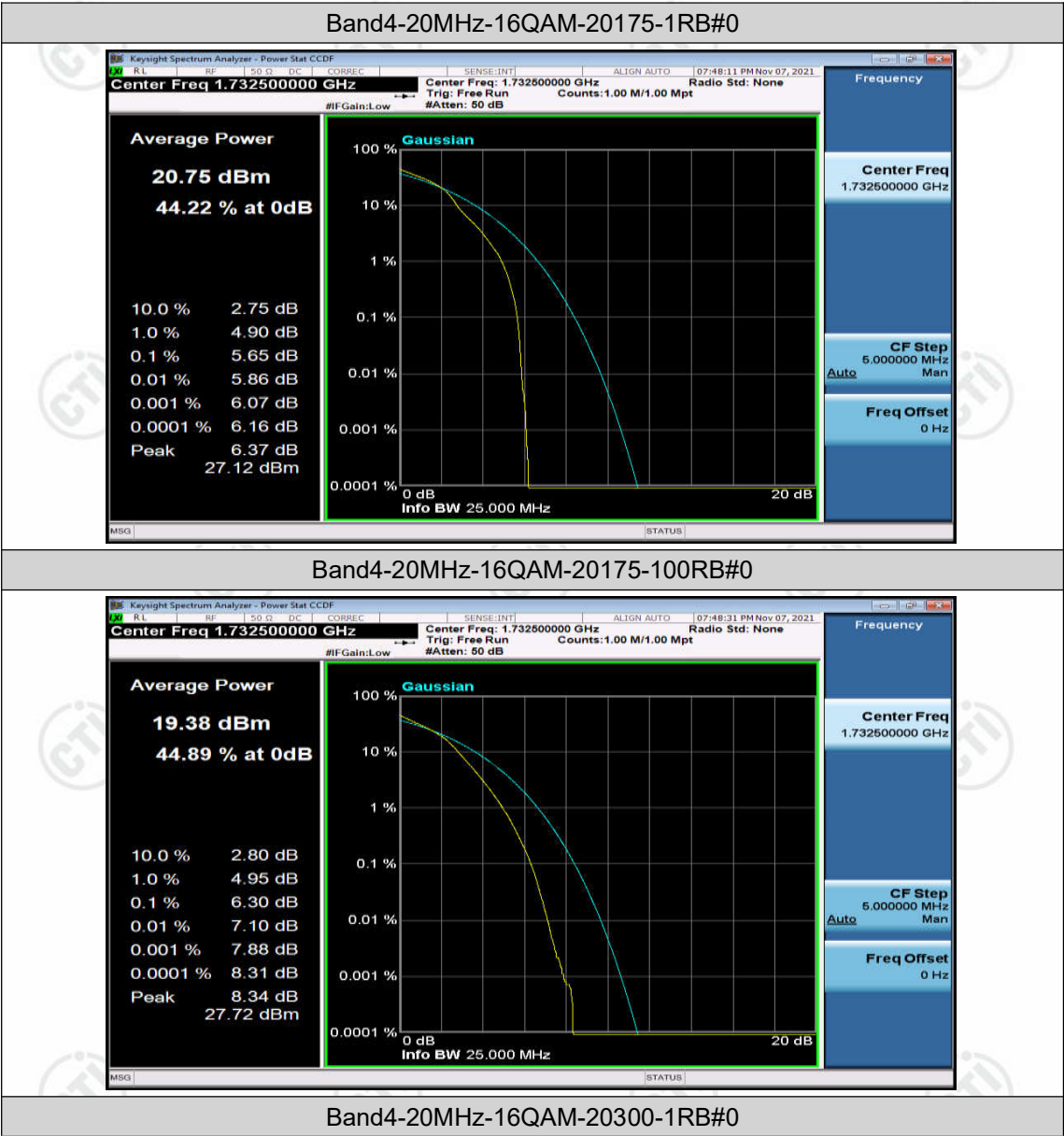


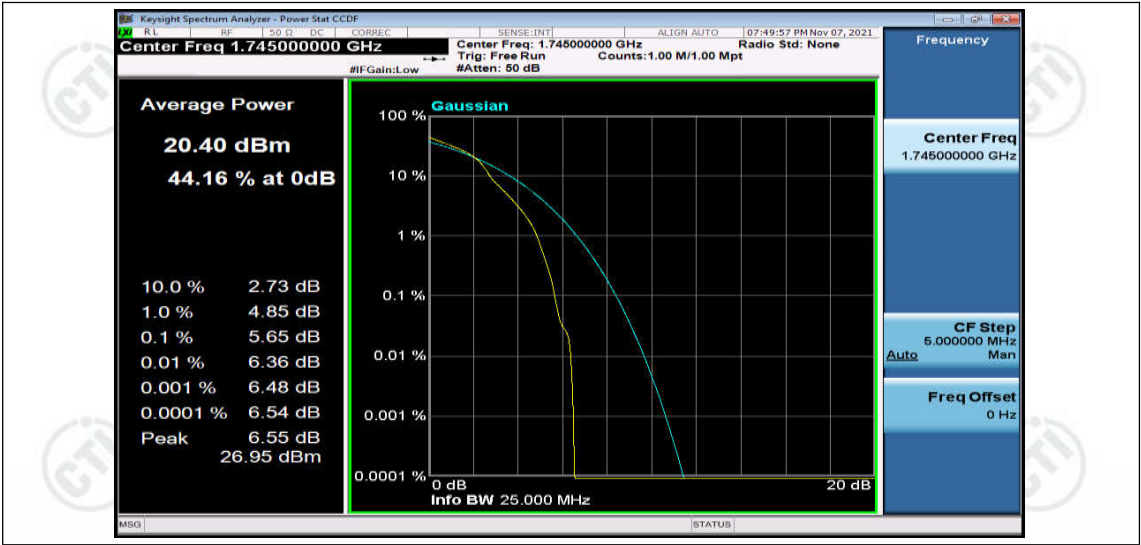


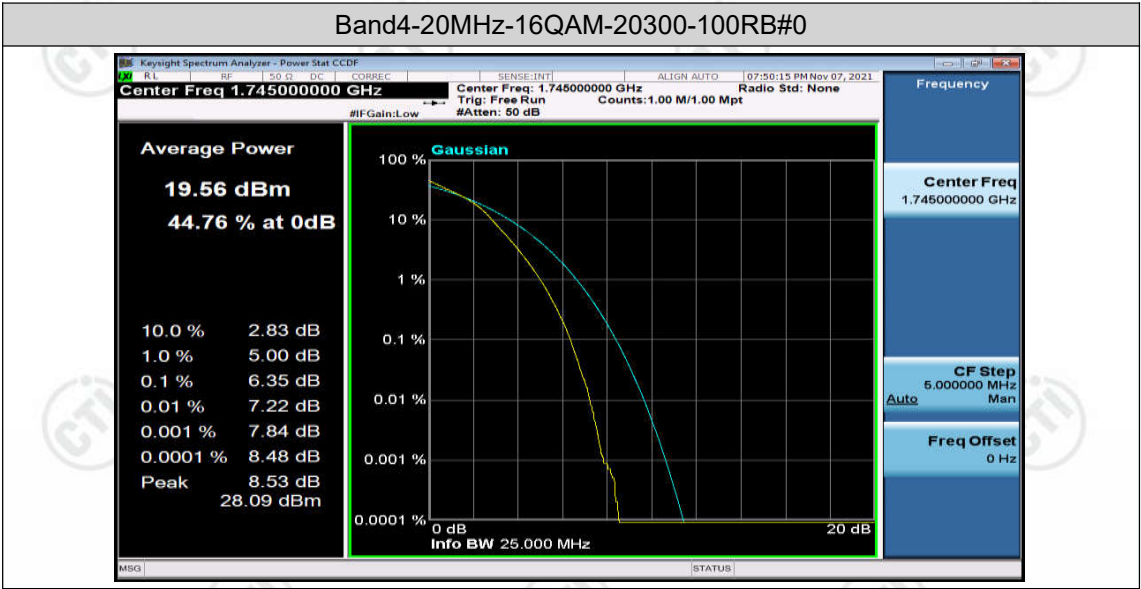










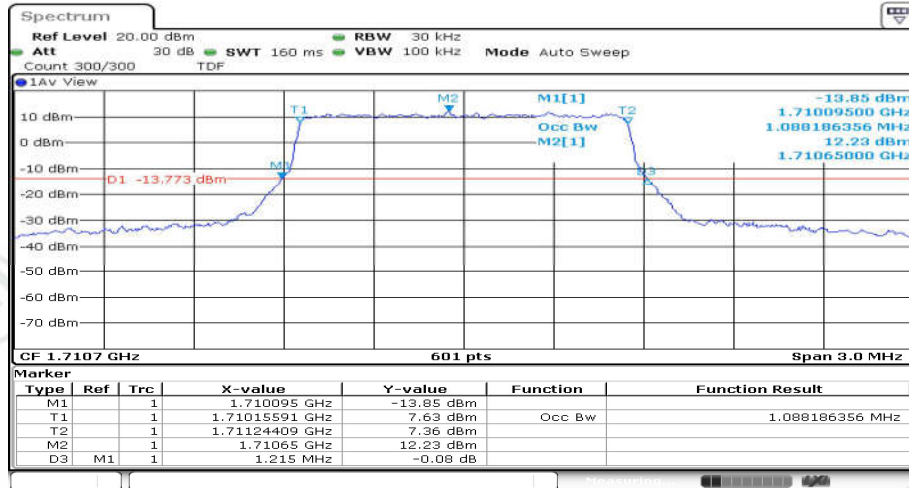


Appendix C: 26dB Bandwidth and Occupied Bandwidth**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.215	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.230	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.230	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.240	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.686	2.840	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.860	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.850	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.686	2.840	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	2.840	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.686	2.840	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.486	4.780	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.496	4.790	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.486	4.780	PASS
Band4	5MHz	QPSK	20775	25RB#0	9.89	10.000	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.770	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.515	4.780	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.505	4.770	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.052	9.767	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.052	9.767	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.052	9.767	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.052	9.767	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.018	9.767	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.052	9.767	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.300	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.428	14.300	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.428	14.250	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.428	14.250	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.300	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.428	14.250	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.837	18.800	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.903	18.800	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.903	18.800	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.837	18.800	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.903	18.800	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.97	18.867	PASS

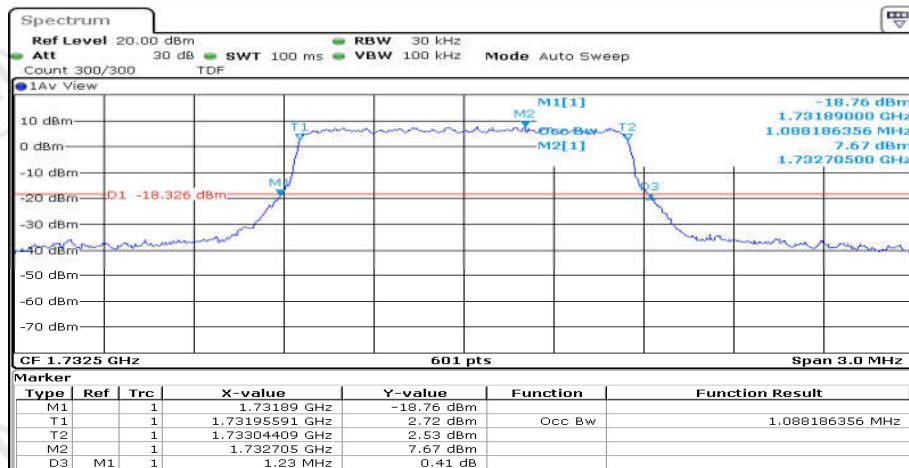
Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0-1.088



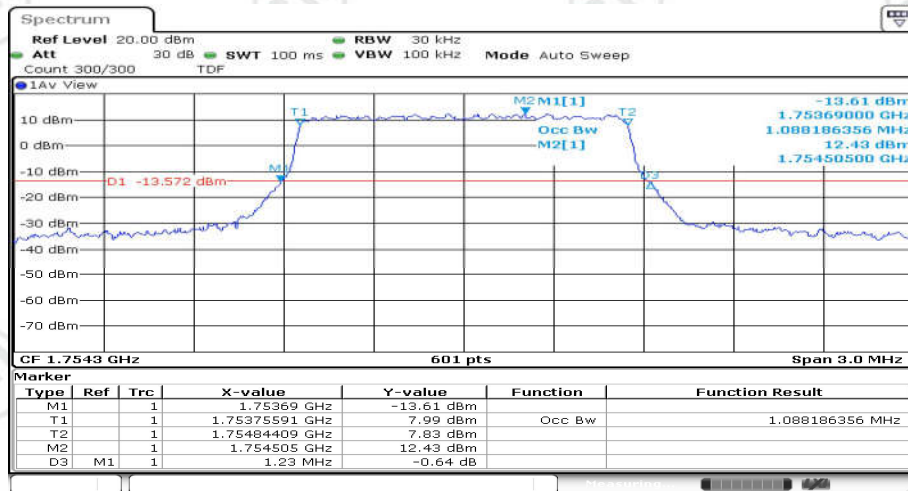
Date: 5.NOV.2021 16:13:27

Band4-1.4MHz-QPSK-20175-6RB#0-1.088



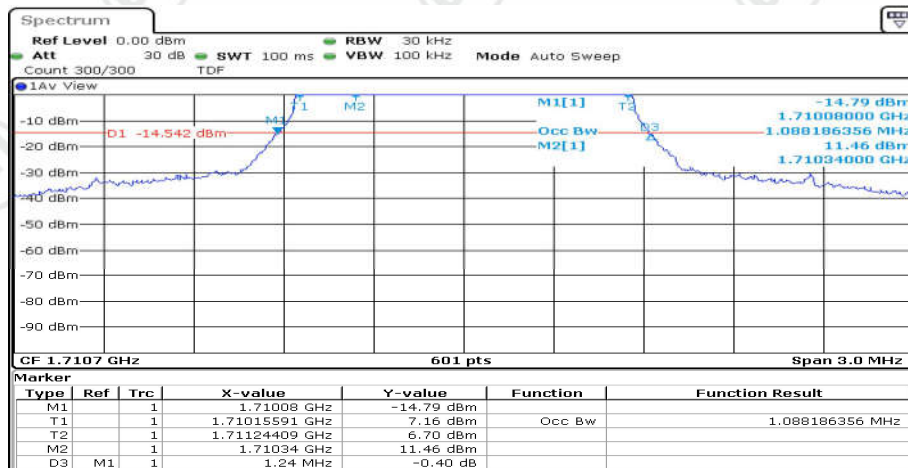
Date: 5.NOV.2021 16:14:10

Band4-1.4MHz-QPSK-20393-6RB#0-1.088



Date: 5.NOV.2021 16:14:53

Band4-1.4MHz-16QAM-19957-6RB#0-1.088



Date: 5.NOV.2021 16:47:29

Band4-3MHz-QPSK-19965-15RB#0-2.686