Appendix E: Test Data for E-UTRA Band 4

Product Name: MOBILE PHONE
Test Model: PADUA

Environmental Conditions

Temperature:	23.9 ° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
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	22.38	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.47	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.38	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.33	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.35	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.37	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.49	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.63	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.44	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.34	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.26	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.36	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.11	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.06	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.07	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.75	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.68	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.02	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.10	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.12	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.12	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.07	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.04	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.12	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.67	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	21.79	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.81	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.29	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.94	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.93	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.49	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.50	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.84	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.55	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.38	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.31	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.40	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.44	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.38	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.35	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.57	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.65	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.58	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.51	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.43	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.56	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.41	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.24	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.27	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.12	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.23	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.23	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.14	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.16	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.22	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.06	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.24	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.38	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.38	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.34	PASS

Band4	3MHz	16QAM	19965	15RB#0	20.32	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.36	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.36	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.33	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.38	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.34	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.12	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.07	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.05	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.15	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.18	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.16	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.16	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.29	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.41	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.23	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.27	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.22	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.21	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.27	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.26	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.58	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.55	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.85	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.27	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.40	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.31	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.20	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.24	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.02	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.11	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.09	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.02	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.14	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.14	PASS

Band4	5MHz	16QAM	19975	1RB#12	21.30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.09	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.21	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.26	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.17	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.24	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.01	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.39	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.28	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.19	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.19	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.32	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.22	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.03	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.03	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.99	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.07	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.18	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.99	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.16	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.38	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.43	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.30	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.31	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.34	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.18	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.63	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.16	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.29	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.30	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.53	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.39	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.33	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.53	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.03	PASS

Band4	10MHz	QPSK	20350	25RB#0	22.29	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.30	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.11	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.23	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.01	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.28	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.27	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.25	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.23	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.31	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.79	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.34	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.16	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.19	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.22	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.43	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.20	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.05	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.82	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.21	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.27	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.11	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.15	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.13	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.29	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.44	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.07	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.37	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.33	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.70	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.48	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.37	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.77	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.29	PASS

Band4	15MHz	QPSK	20175	38RB#37	22.20	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.48	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.31	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.28	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.84	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.19	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.23	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.89	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.38	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.82	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.25	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.41	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.06	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.24	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.42	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.29	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.67	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.38	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.20	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.68	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.28	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.15	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.25	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.16	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.13	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.83	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.17	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.16	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.80	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.19	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.52	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.72	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.35	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.36	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.48	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.42	PASS

Band4	20MHz	QPSK	20175	1RB#0	22.48	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.67	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.19	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.08	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.09	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.47	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.14	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.59	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.73	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.35	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.35	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.15	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.23	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.81	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.42	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.50	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.35	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.37	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.45	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.37	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.31	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.32	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.94	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.01	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.03	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.36	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.96	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.60	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.26	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.31	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.10	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.17	PASS

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

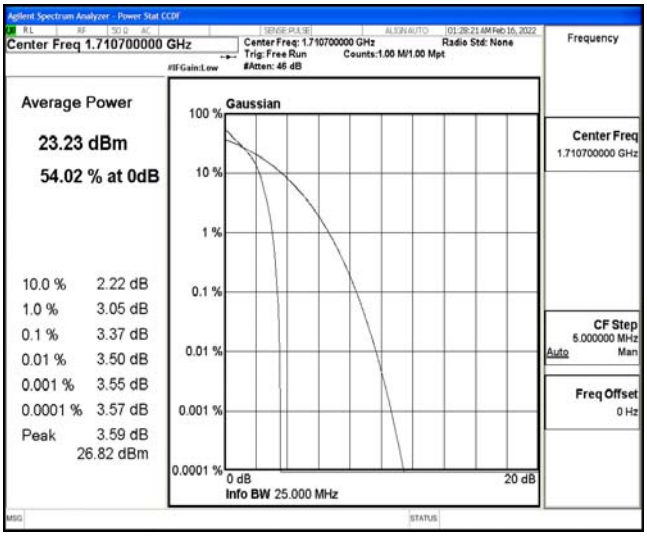
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.37	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.21	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.06	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3.77	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.63	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.51	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.20	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.08	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3.88	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	4.55	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.67	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.46	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.27	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.30	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.05	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	3.89	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.47	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.56	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.09	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.13	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	3.89	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	4.64	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.49	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.44	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.59	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.56	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.47	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.04	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.67	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.15	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.30	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.09	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.74	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.31	13	PASS

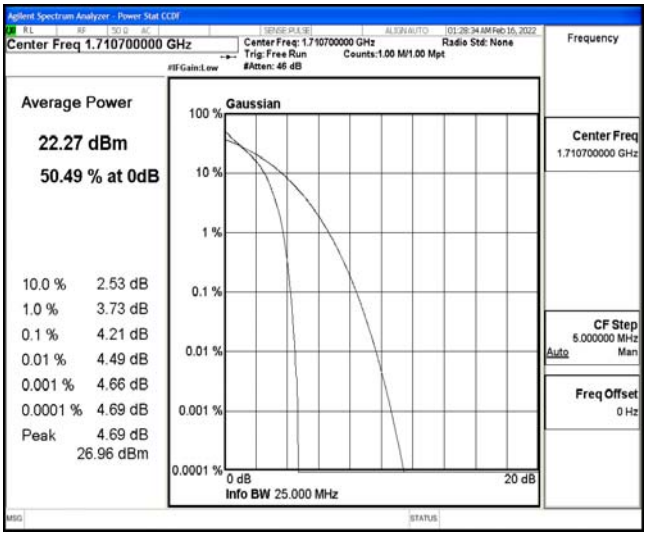
Band4	5MHz	16QAM	20375	25RB#0	5.42	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.51	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.82	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.75	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.07	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.11	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.51	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.18	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.55	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.49	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	4.72	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.83	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.22	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.54	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.24	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.20	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.54	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	2.76	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.64	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.32	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.88	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.07	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.12	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	3.45	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.25	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.76	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.20	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.31	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.86	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	2.87	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.74	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.58	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.92	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.36	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.50	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.66	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.35	13	PASS

Test Graphs

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



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



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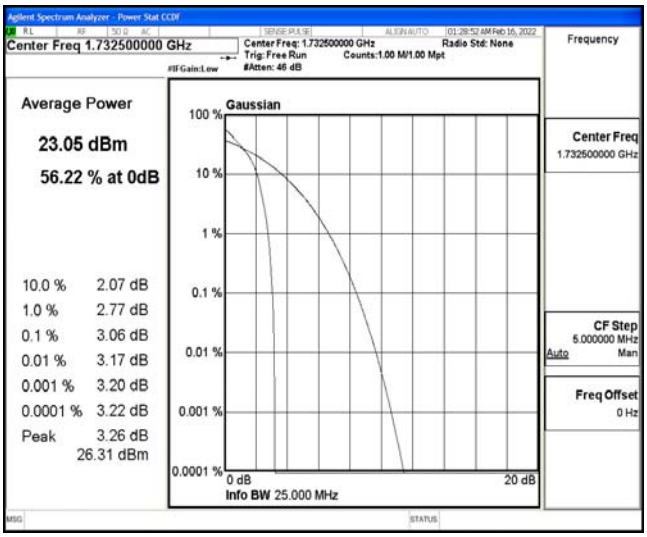

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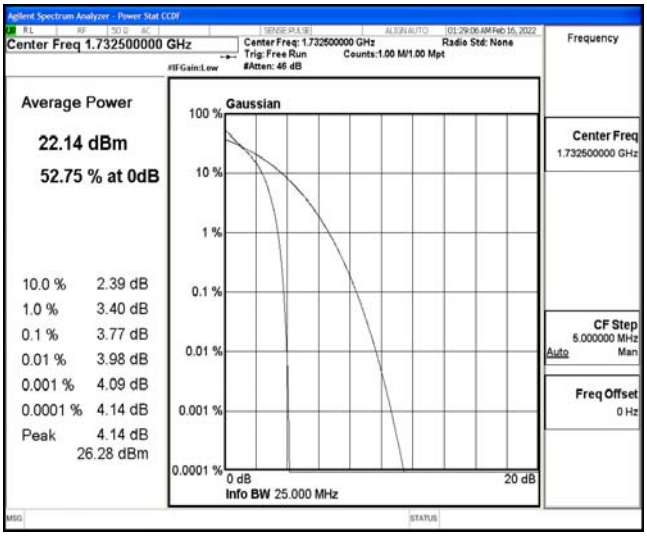

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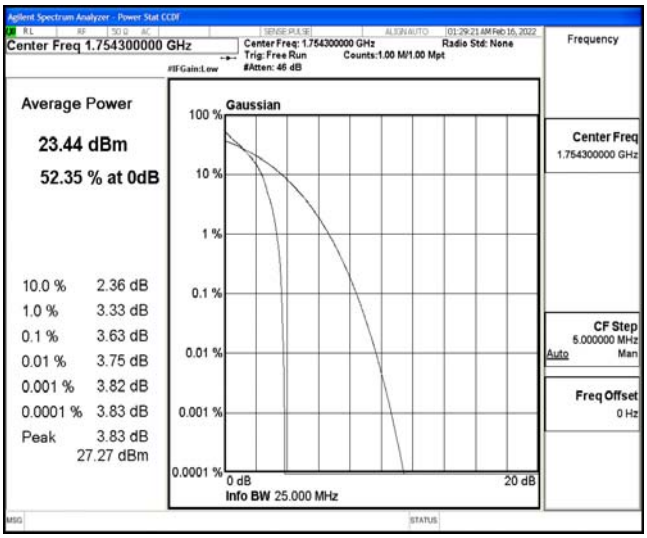

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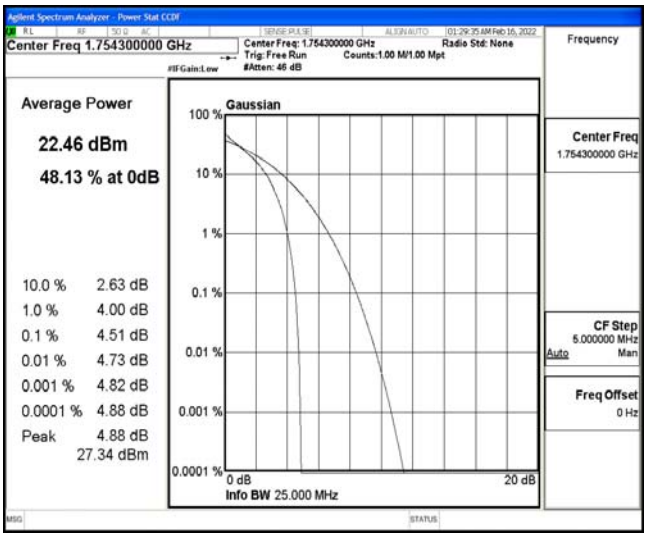

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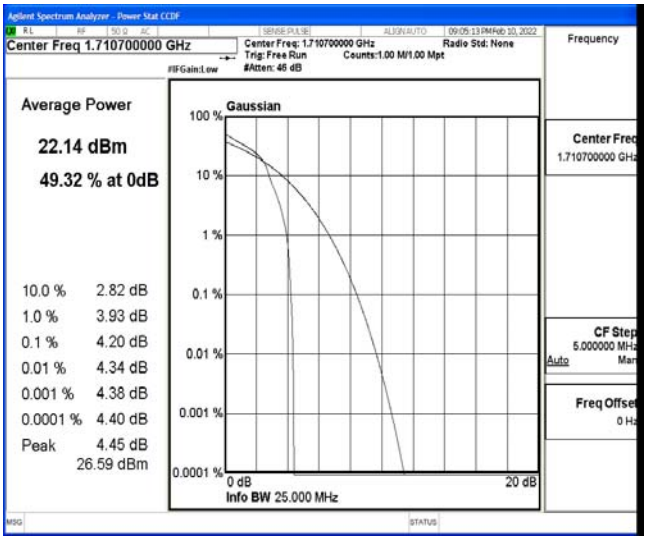

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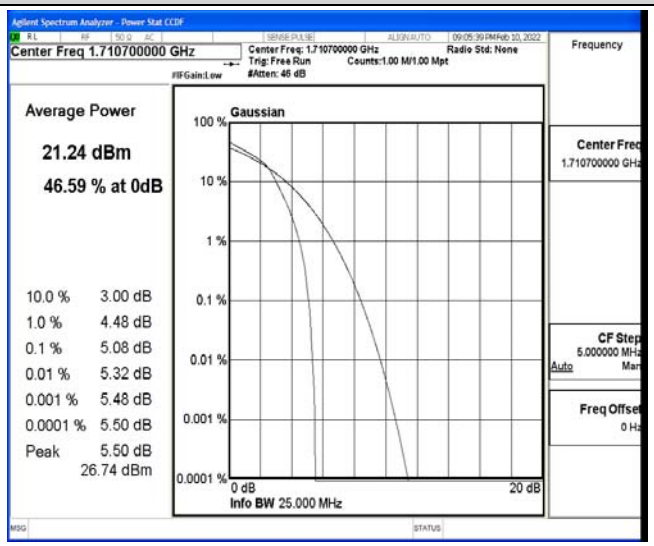

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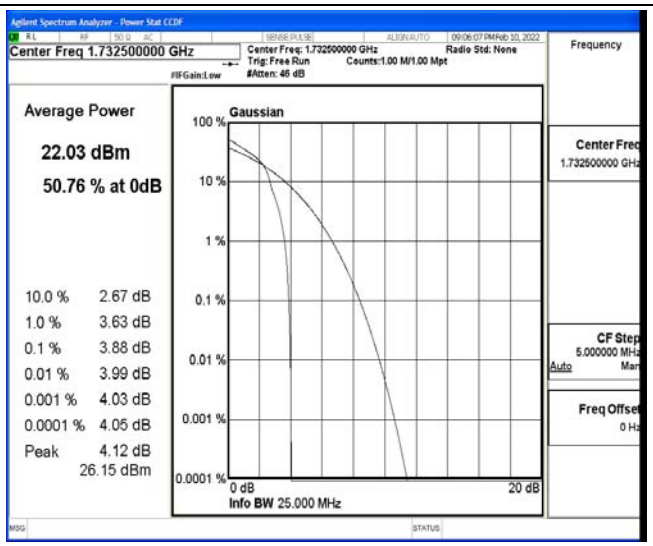

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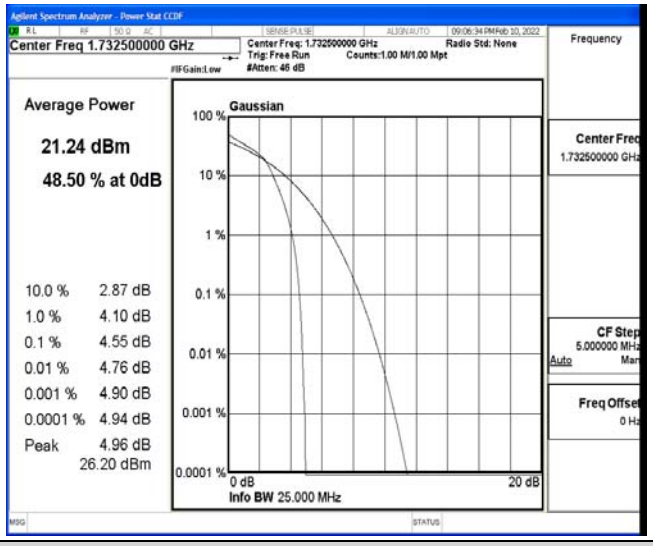

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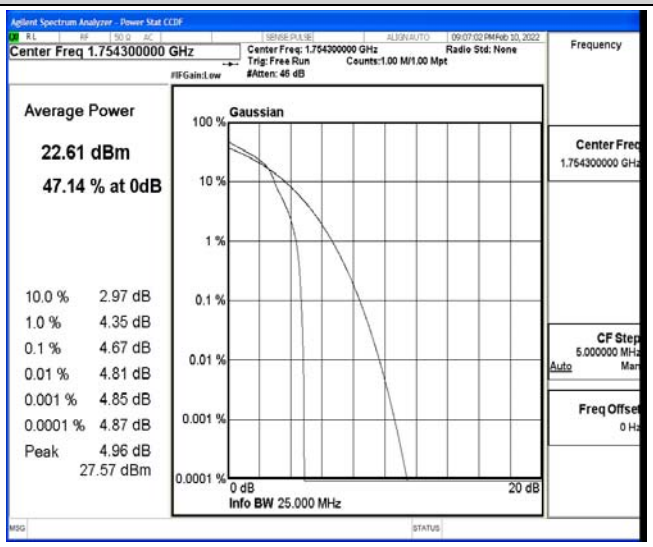

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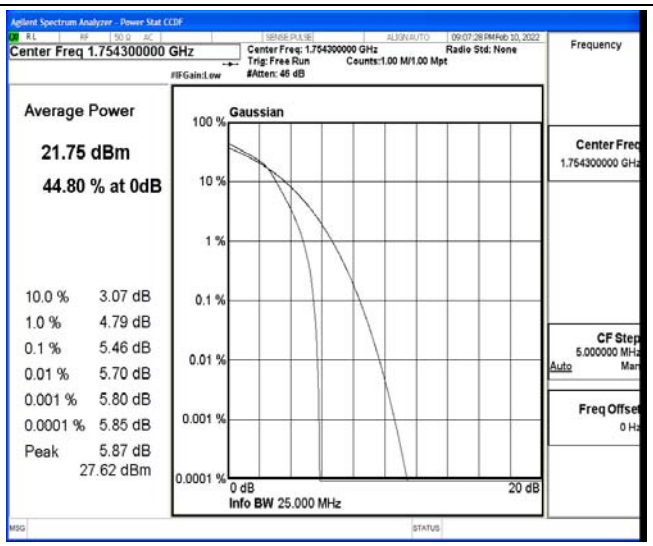

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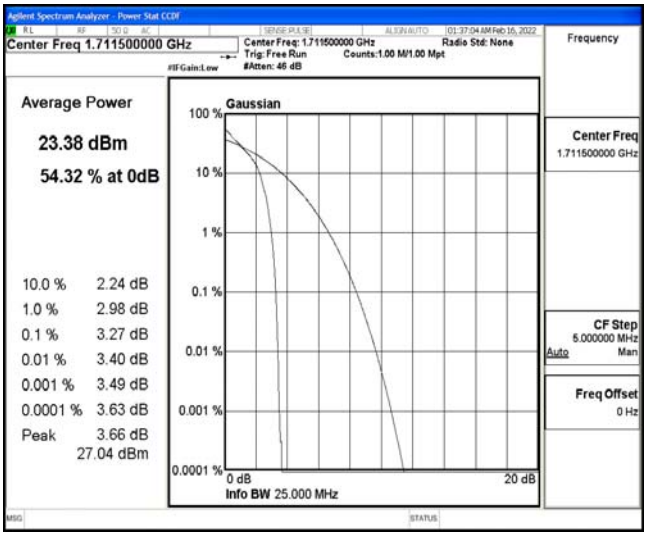

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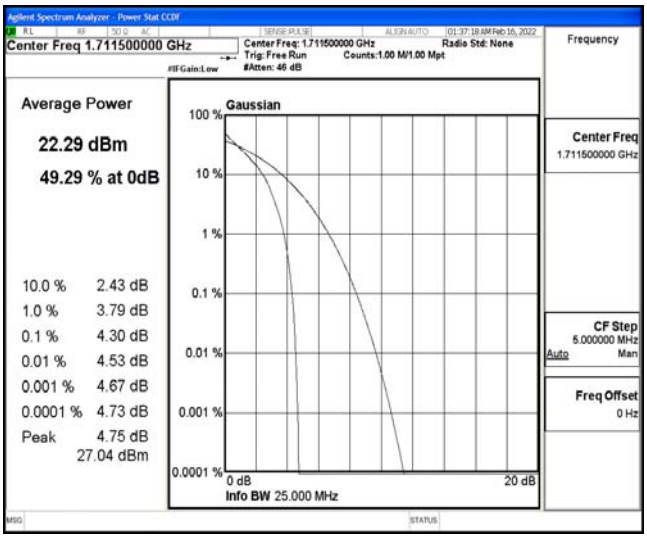

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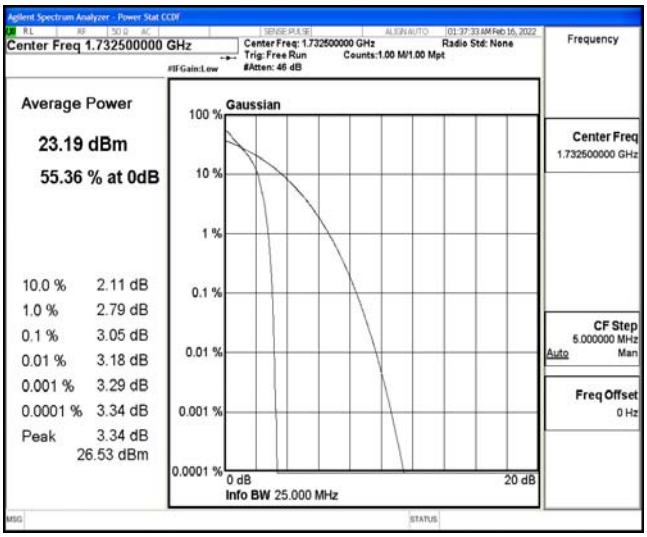

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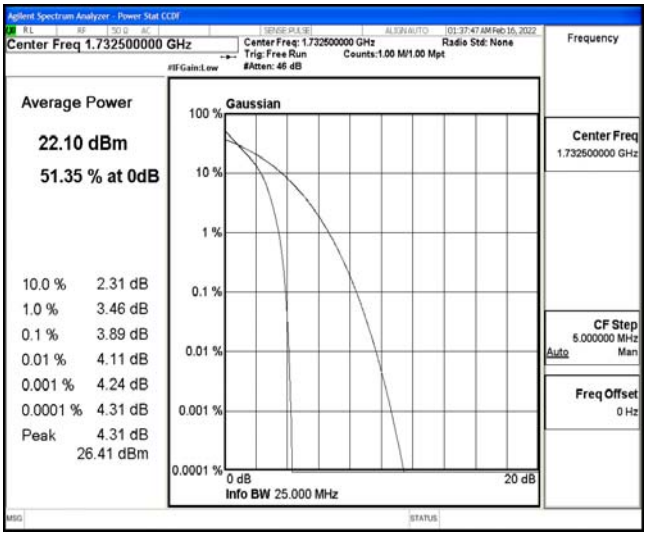

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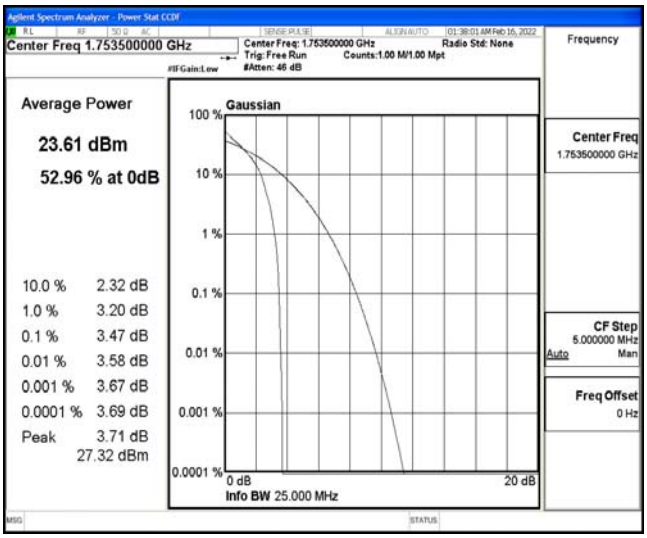

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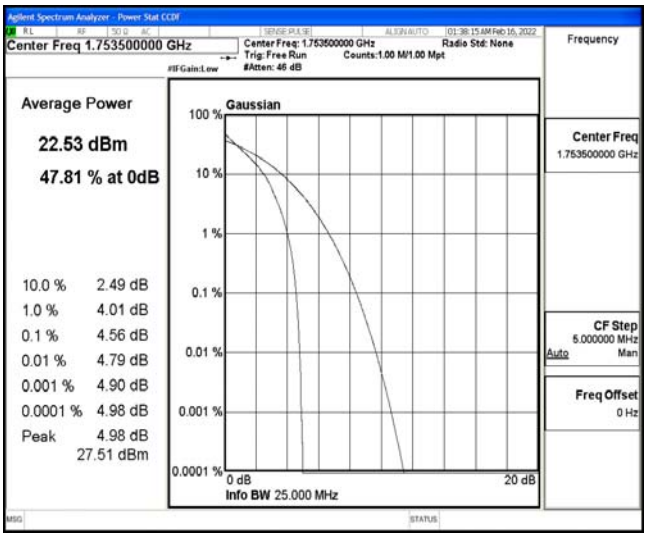

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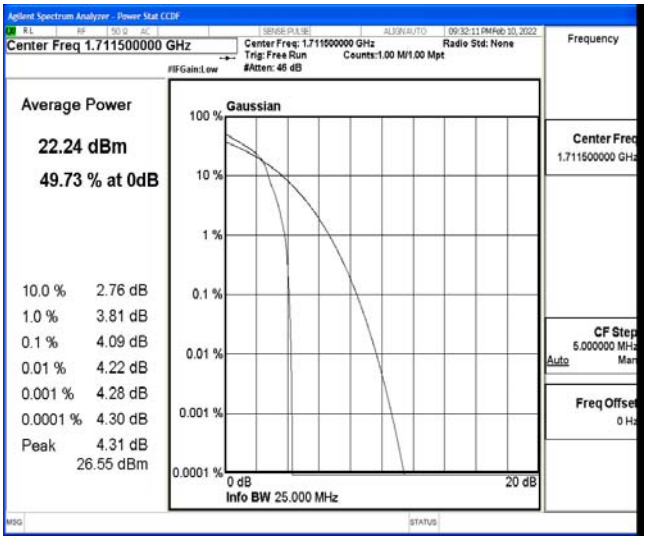

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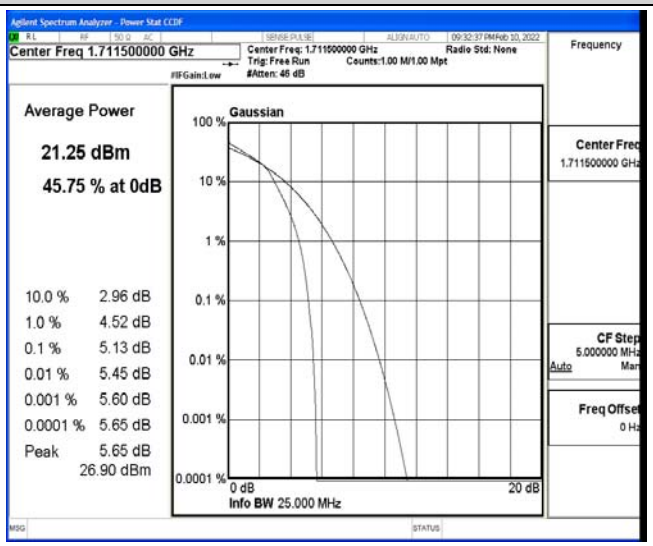

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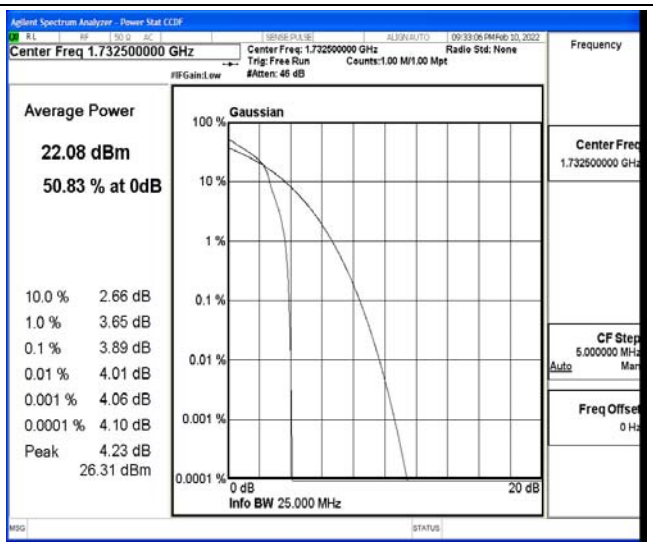

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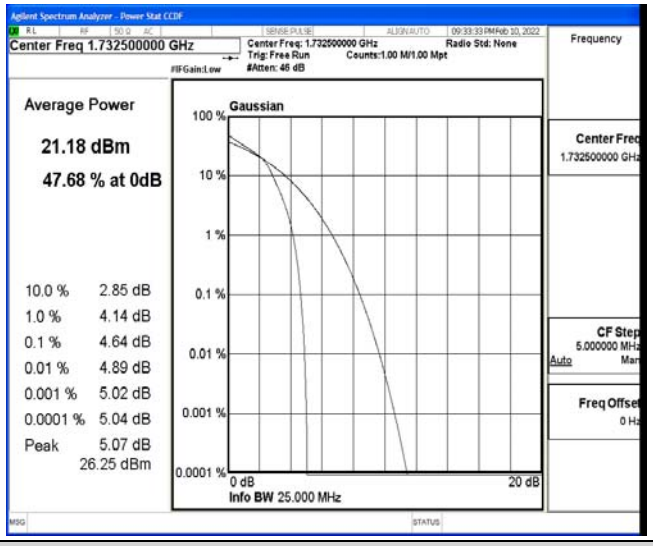

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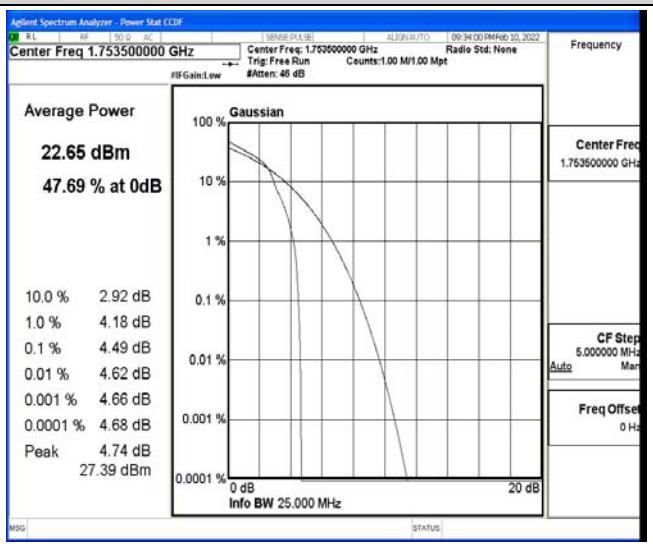

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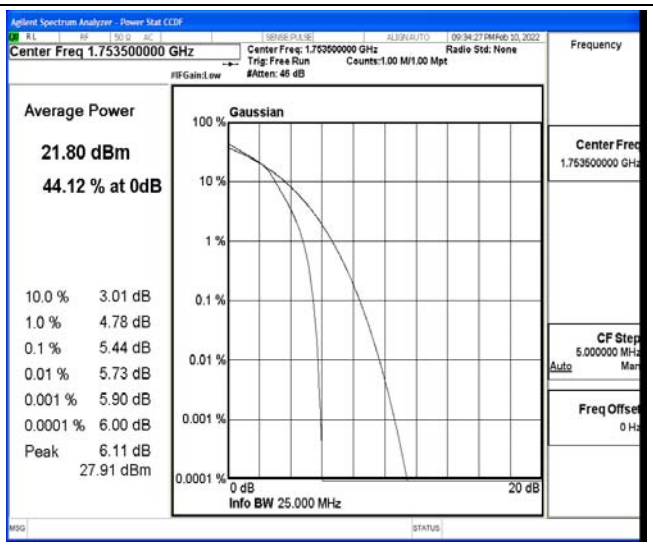

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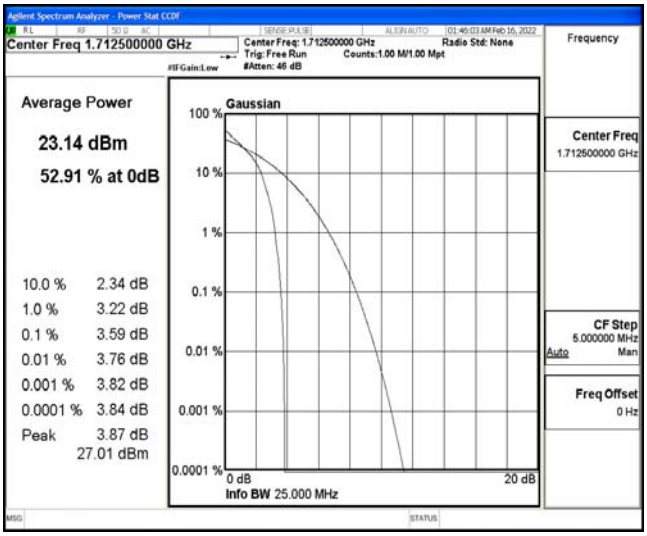

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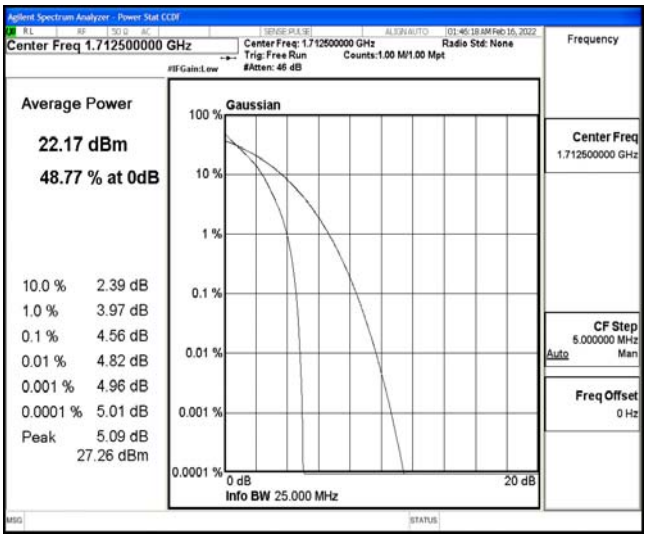

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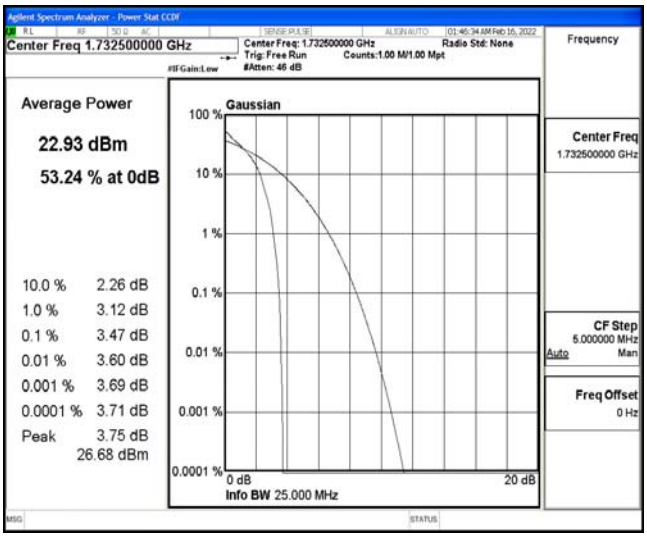

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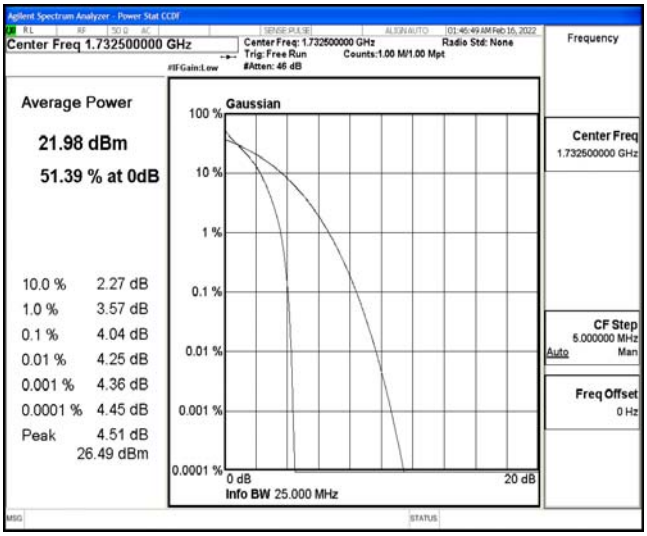

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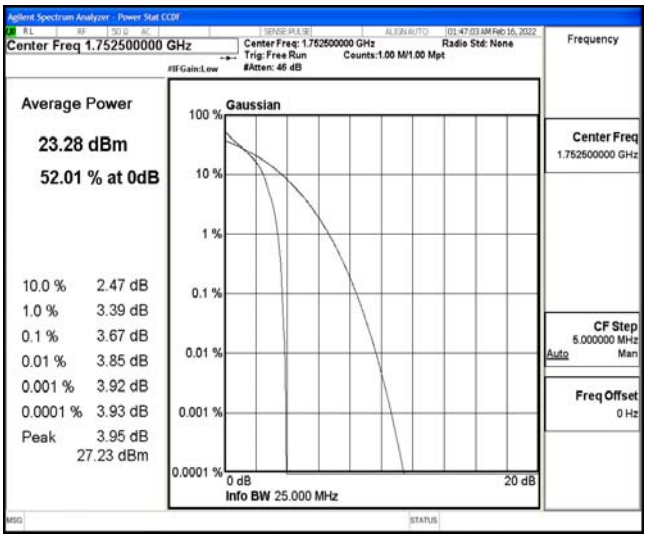

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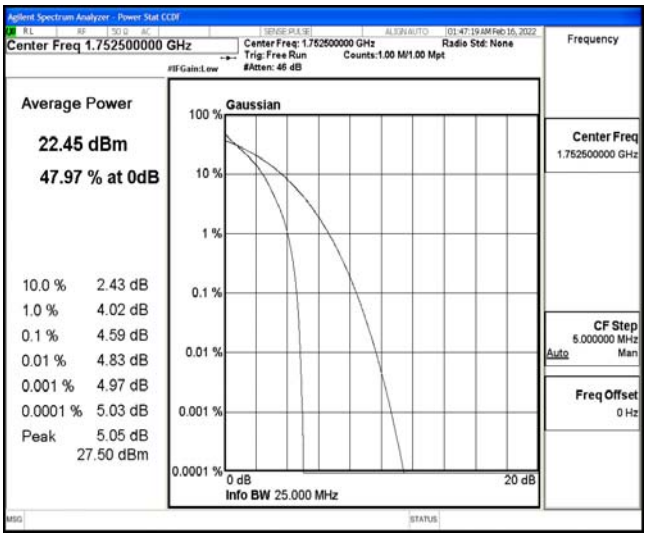

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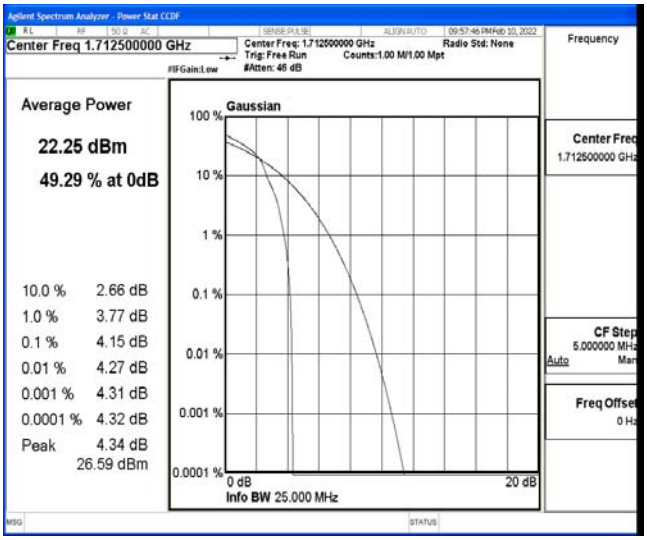

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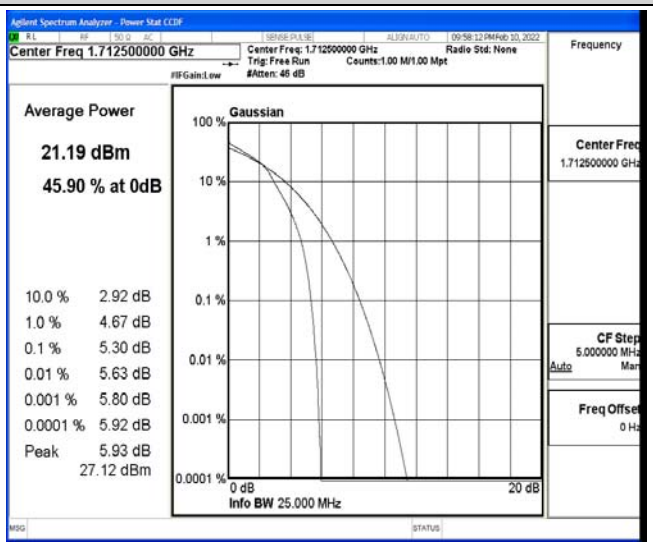

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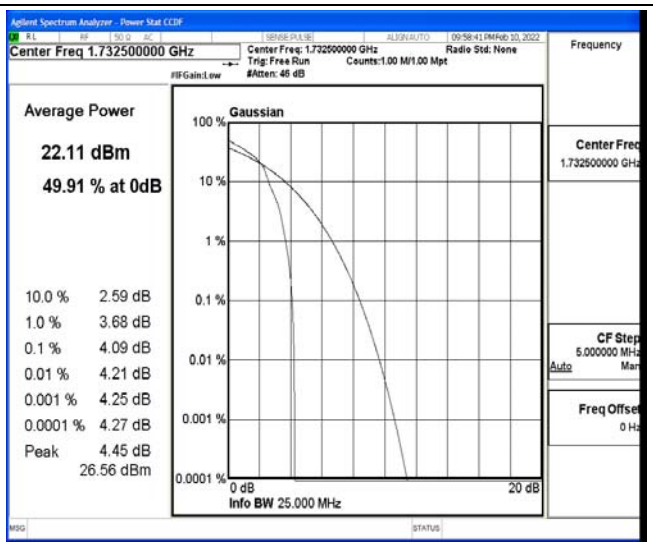

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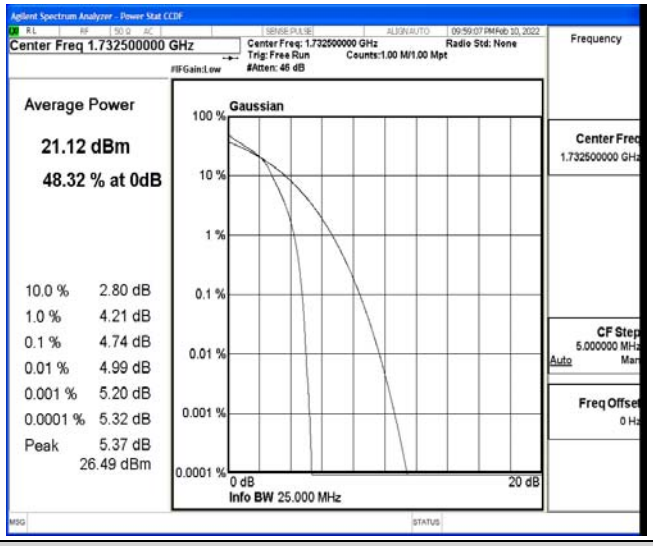

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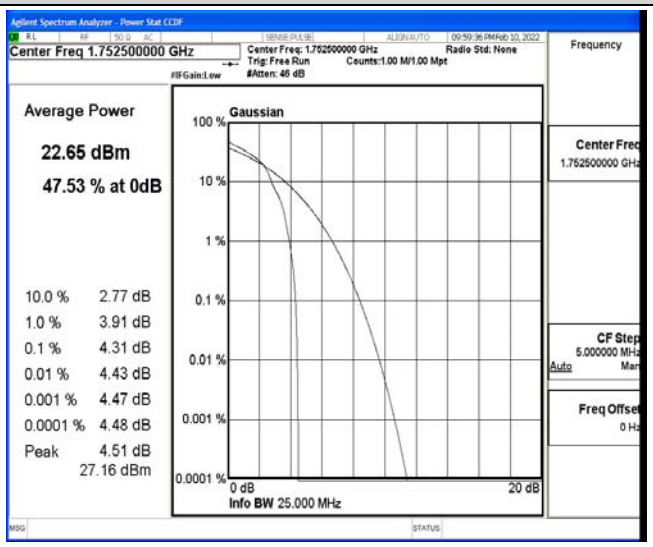

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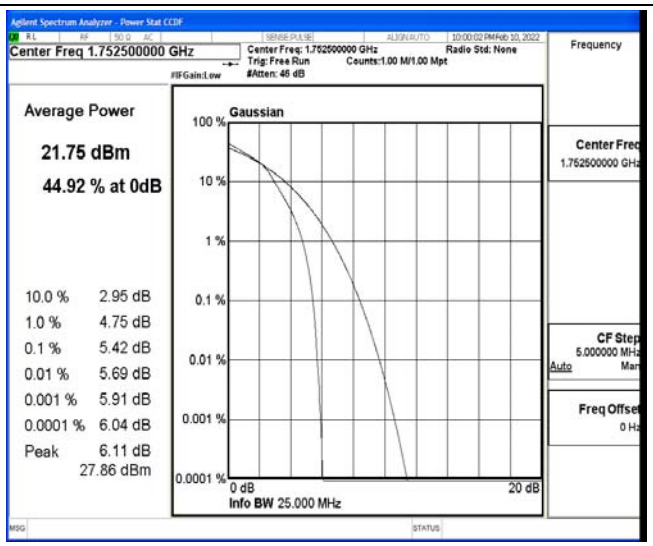

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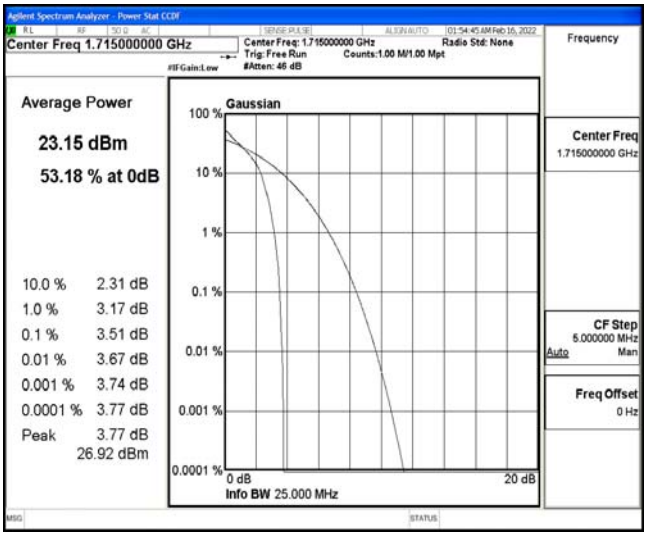

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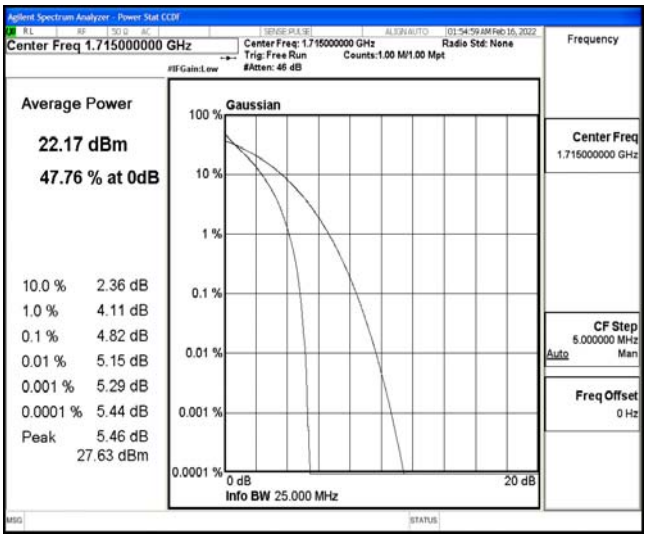

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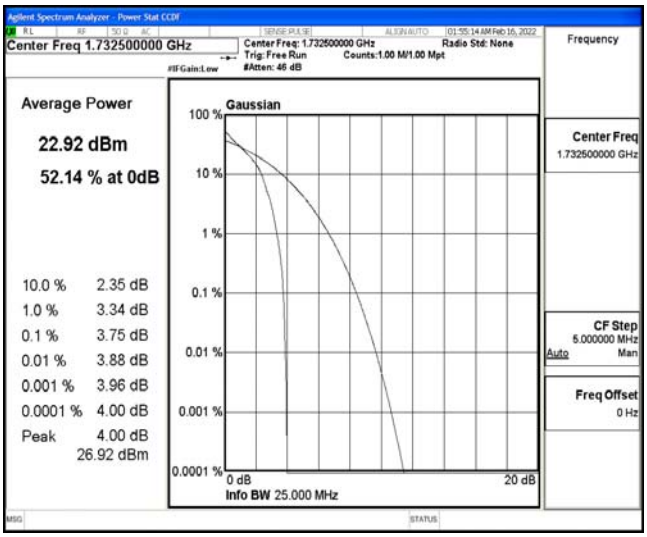

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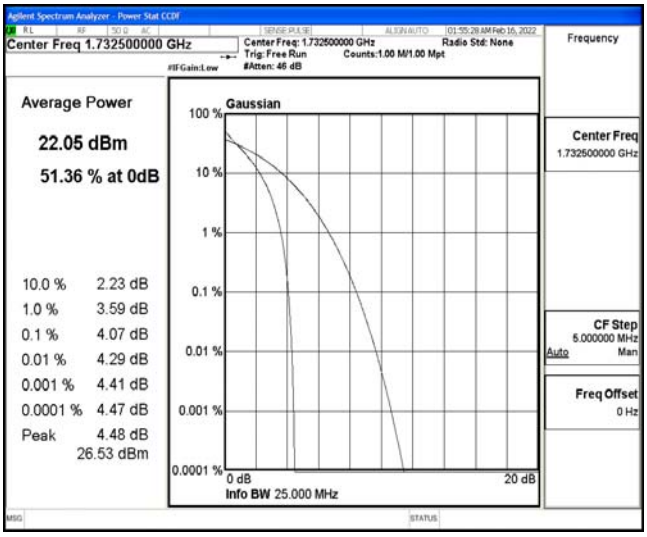

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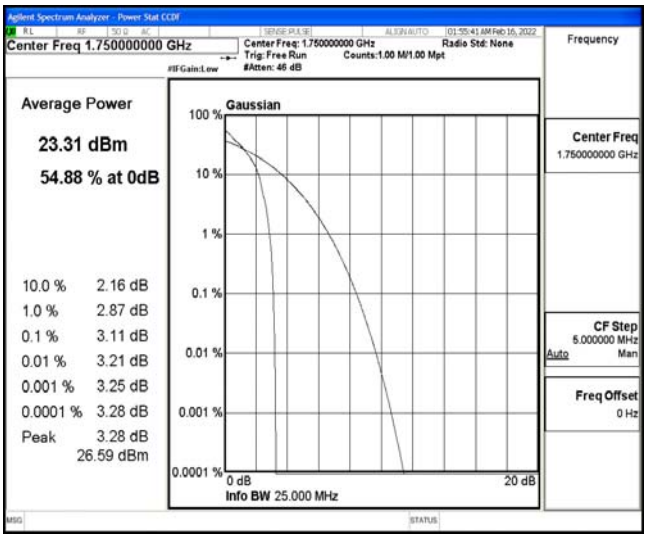

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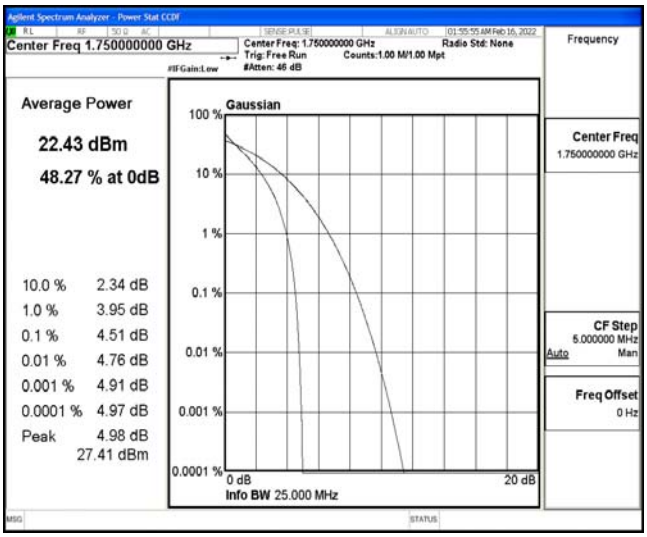

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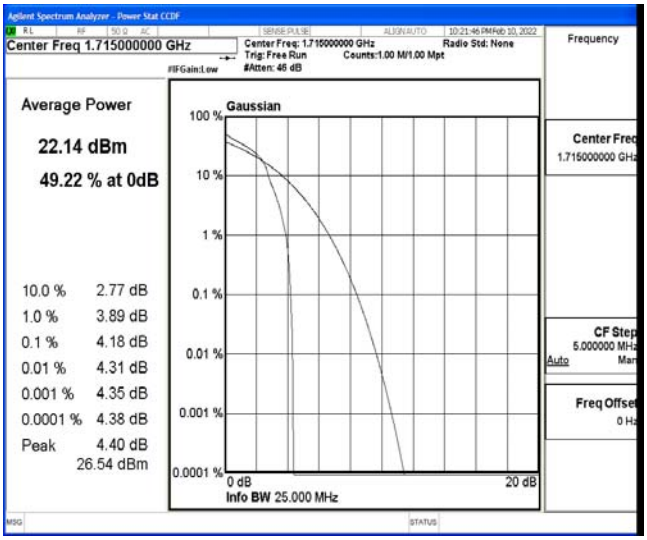

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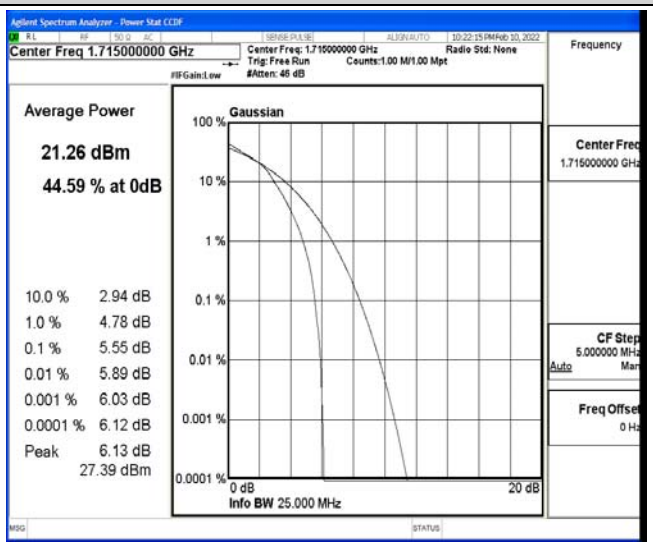

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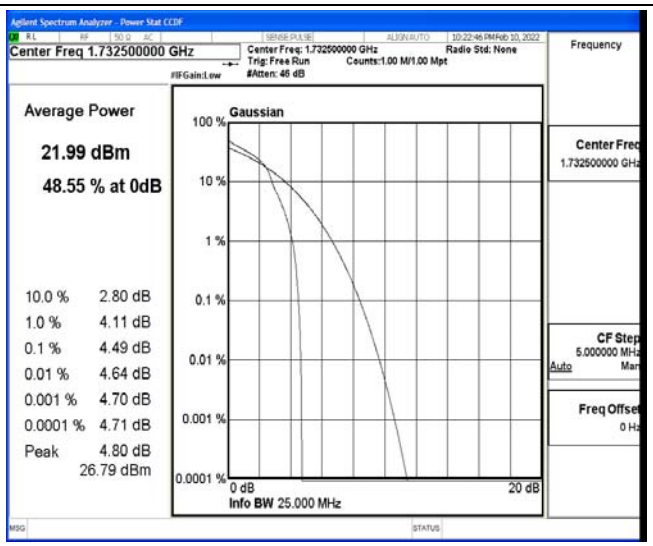
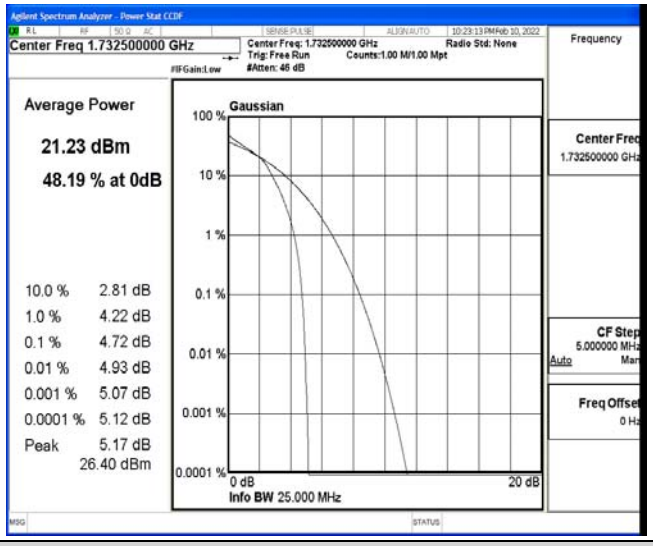


Band4-10MHz-16QAM-20175-50RB#0



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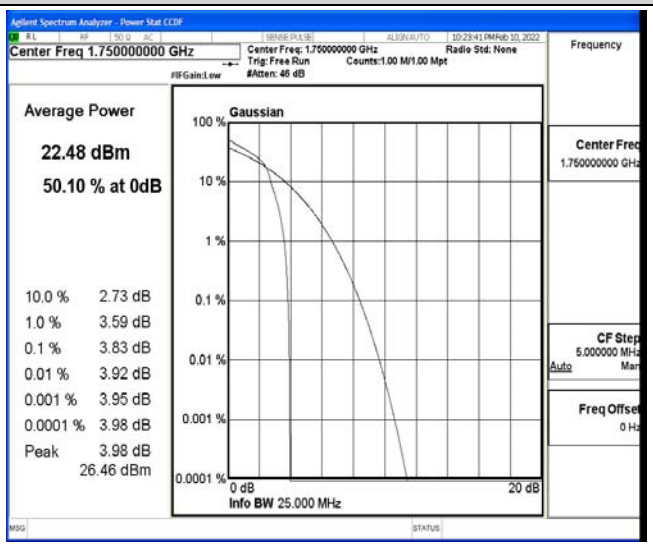

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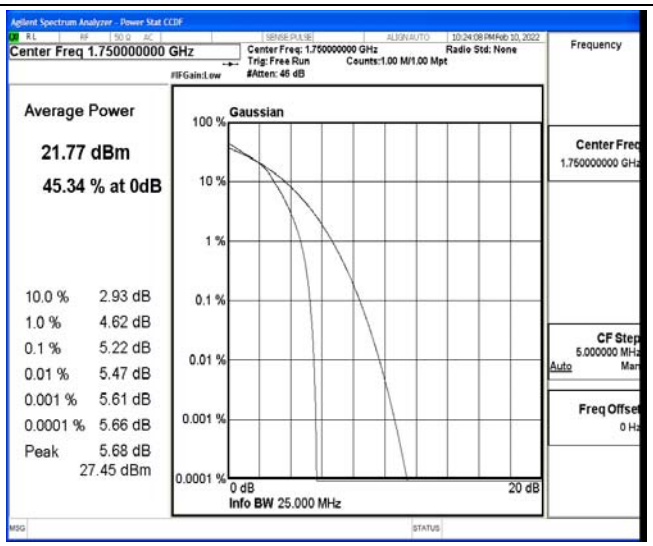
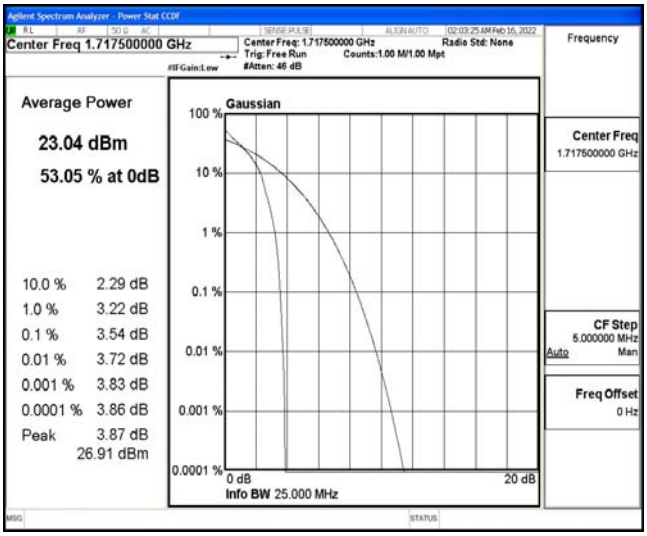


Band4-15MHz-QPSK-20025-1RB#0



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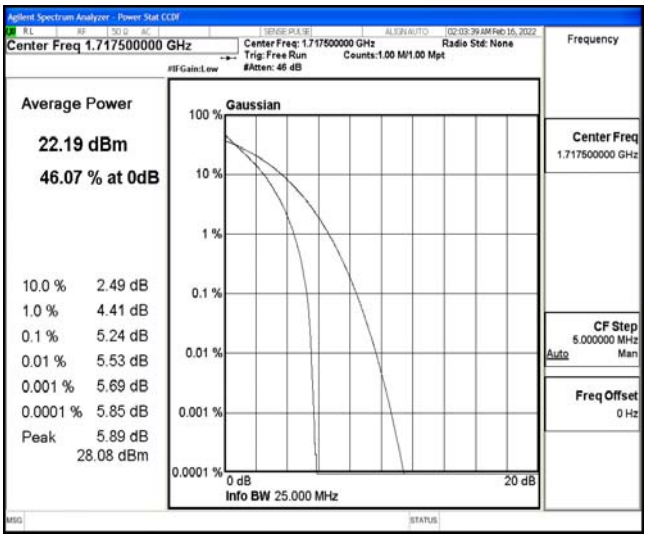

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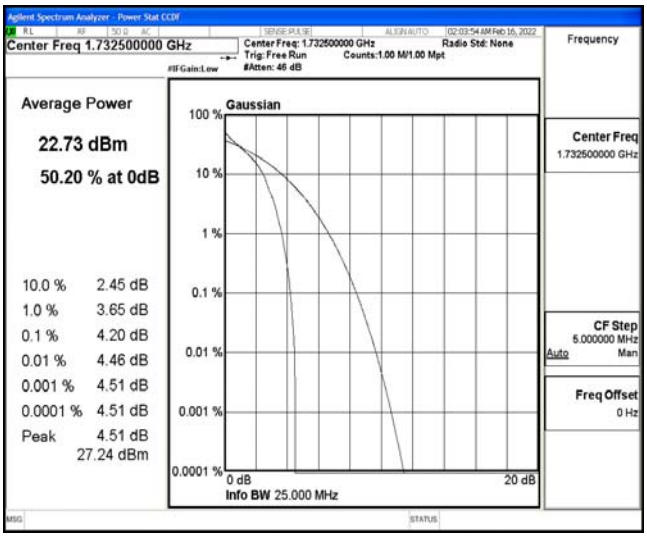

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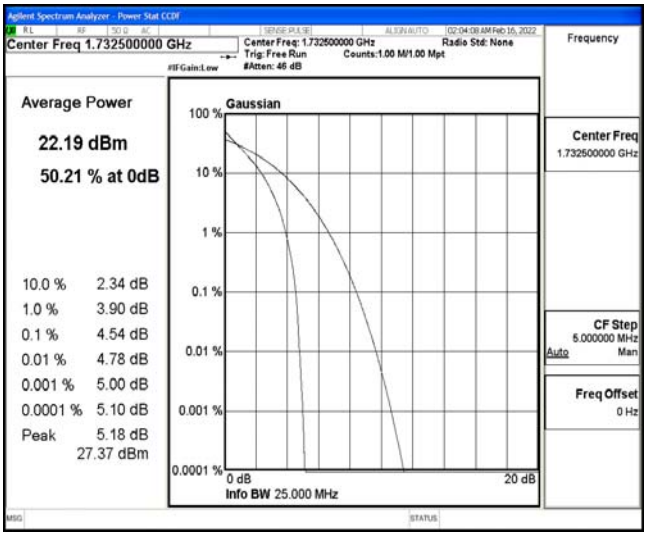

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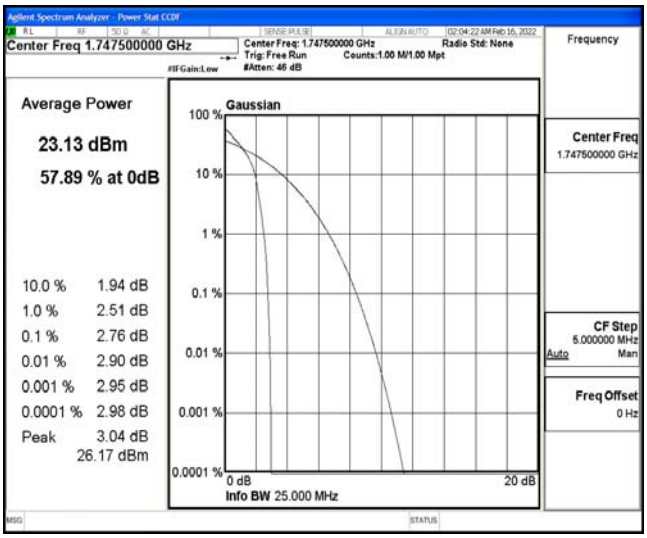

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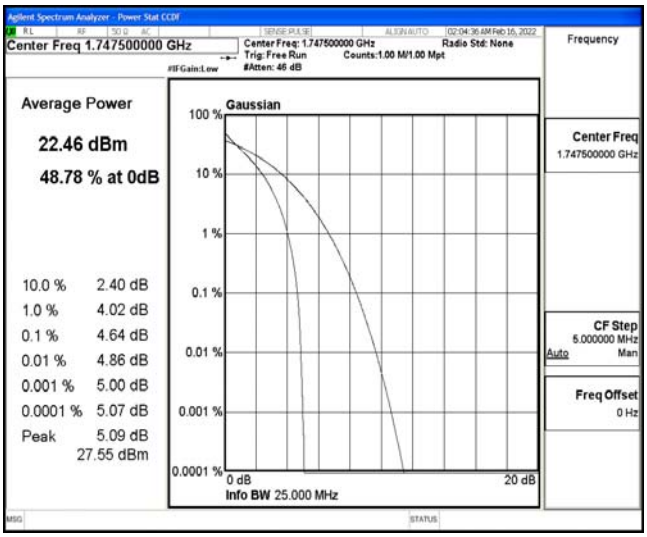

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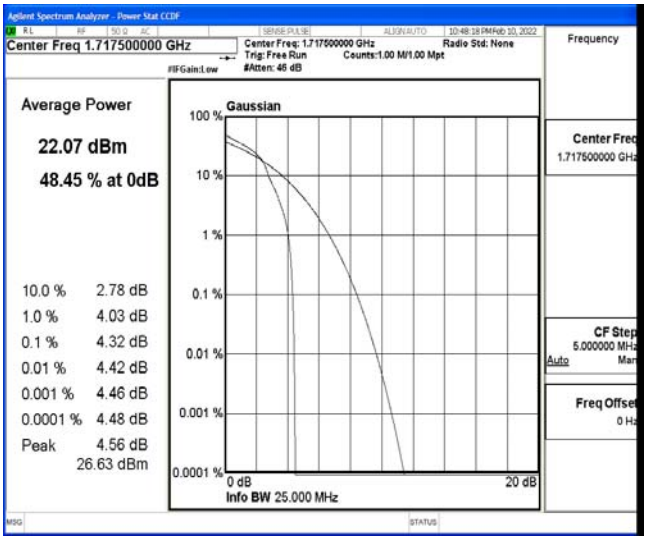

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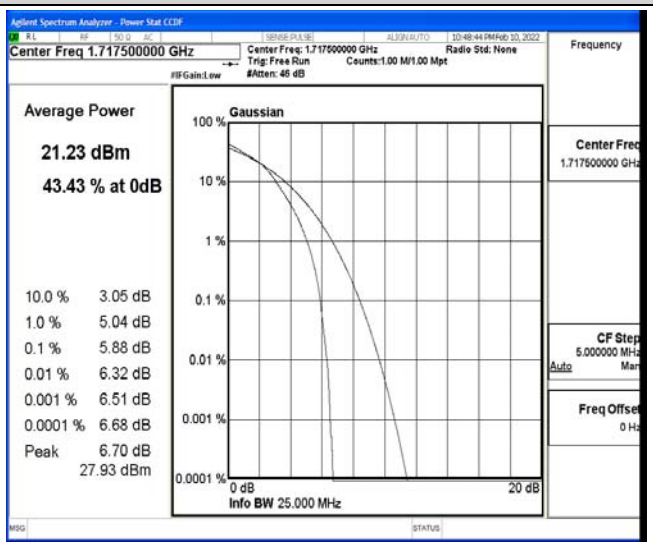

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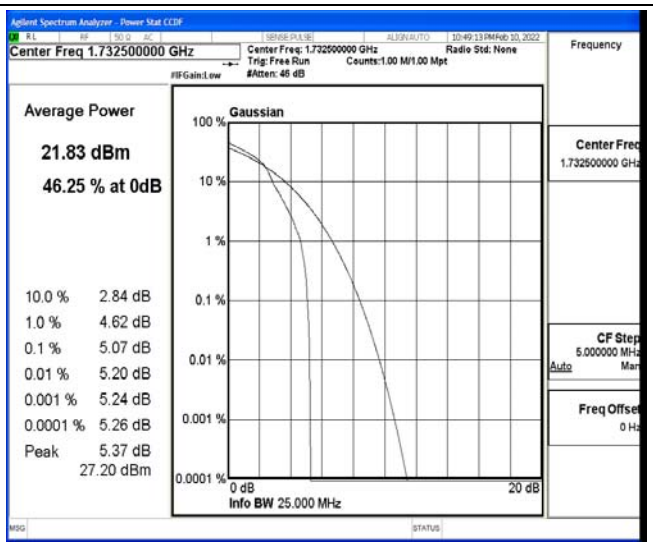

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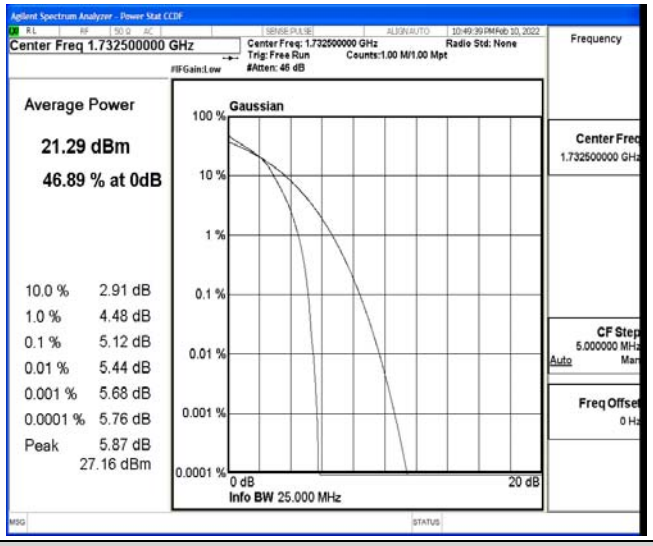

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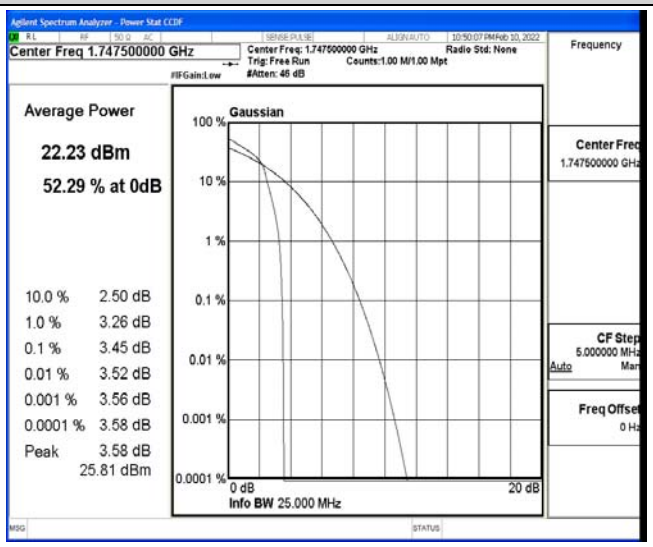

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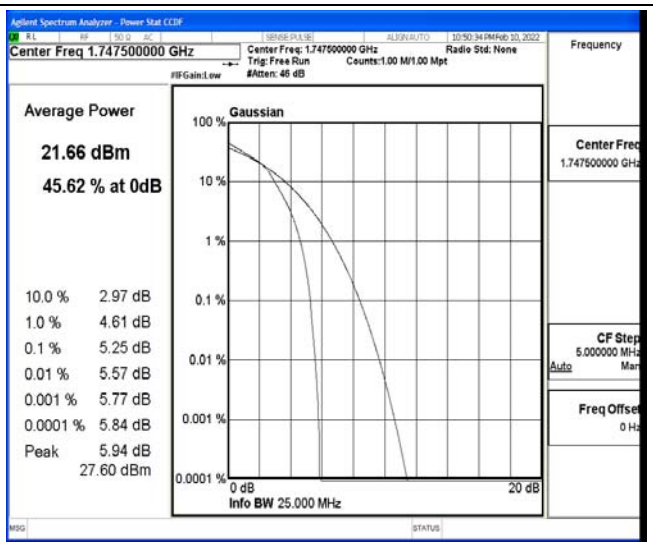

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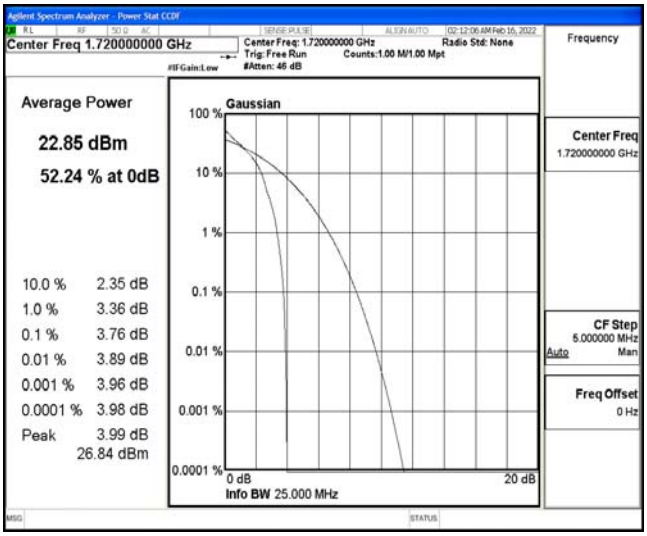

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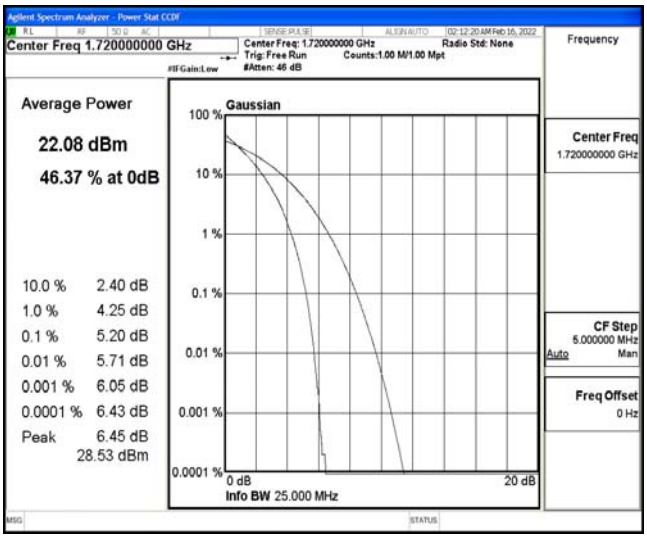

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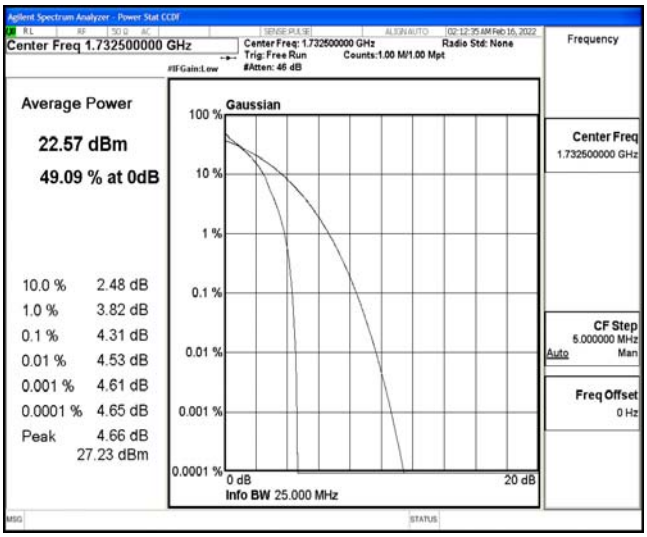

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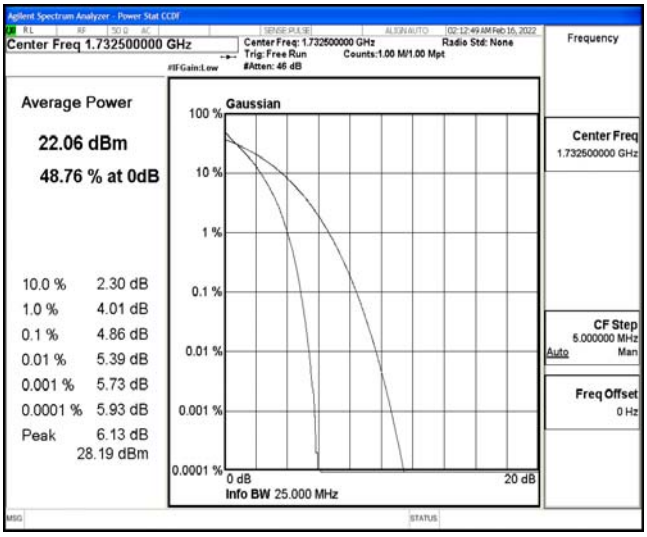

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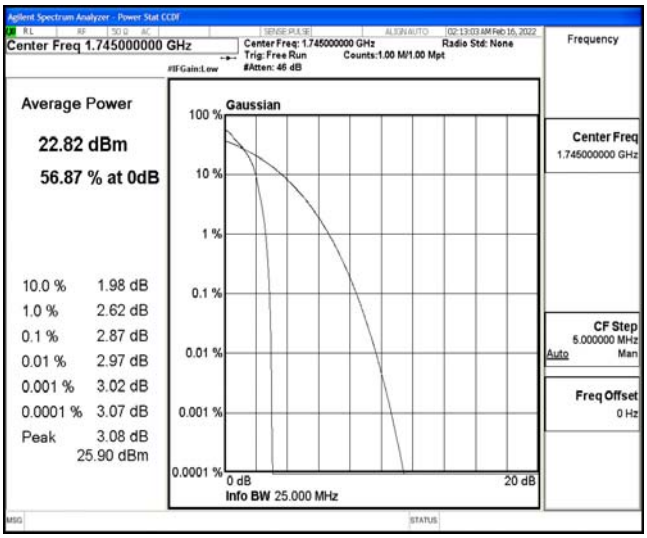

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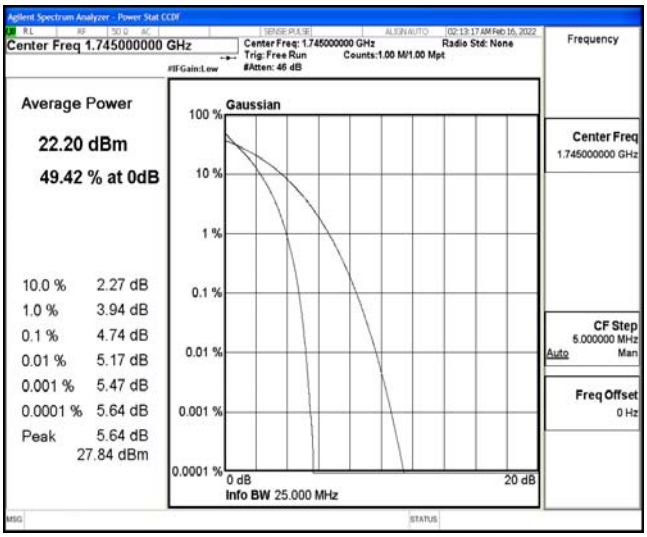

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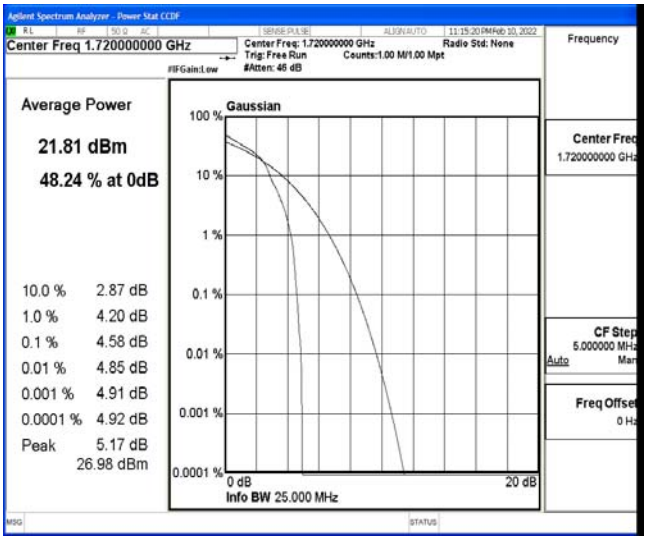

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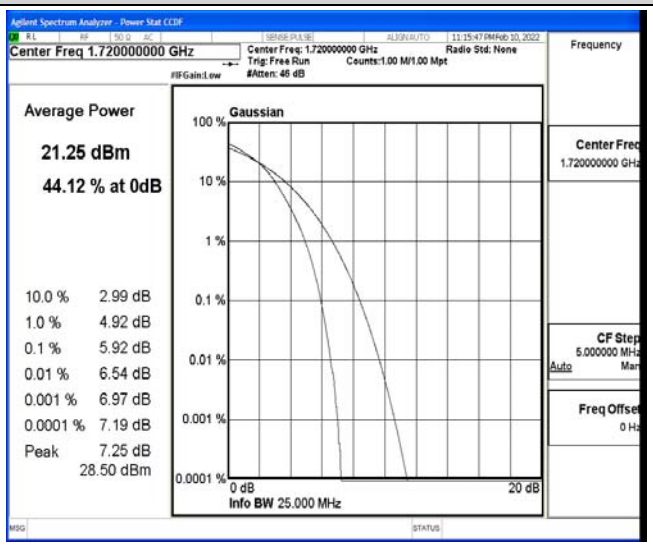

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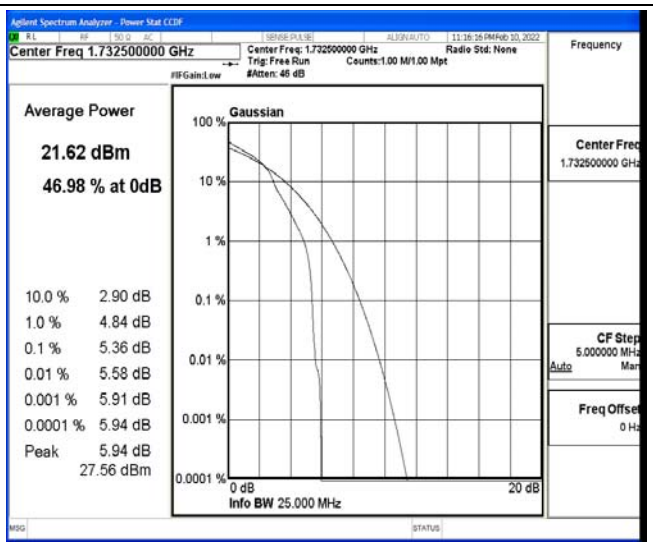

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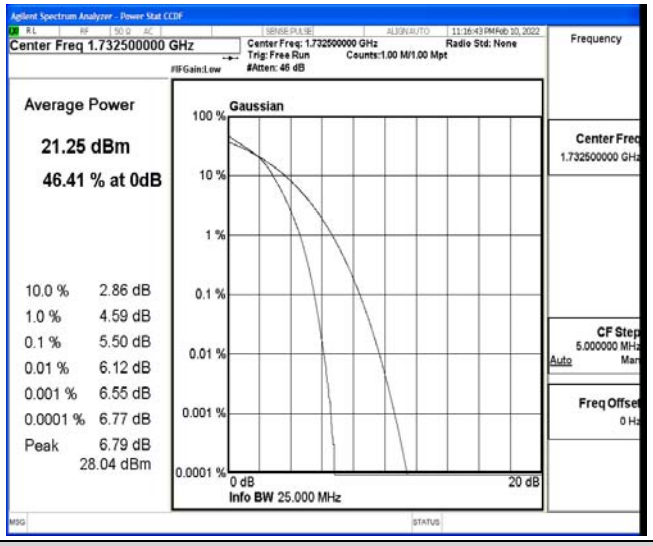

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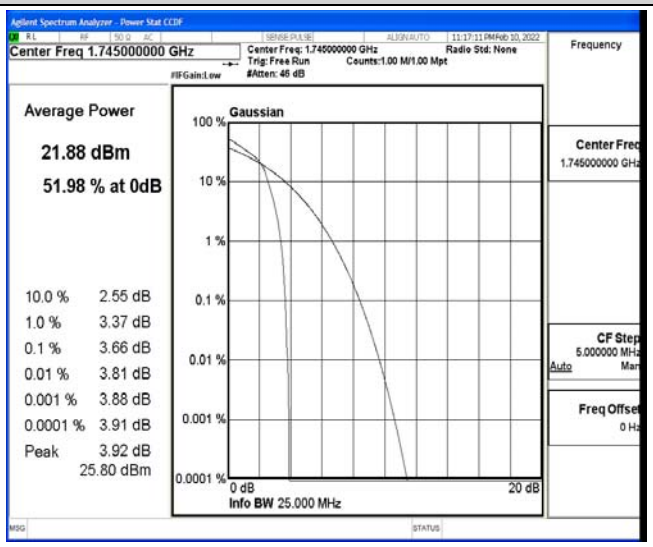
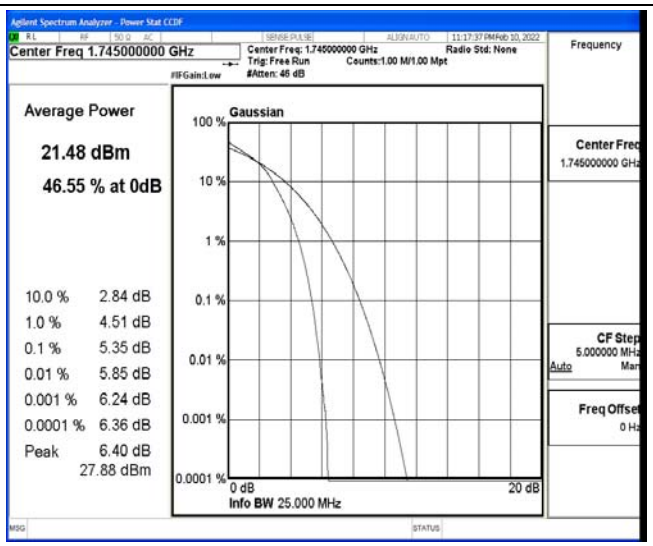


Band4-20MHz-16QAM-20300-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Counts:1.00 M/1.00 Mpt
Radio Std: None
#Atten: 46 dB
Frequency
Average Power
21.48 dBm
46.55 % at 0dB
10.0 % 2.84 dB
1.0 % 4.51 dB
0.1 % 5.35 dB
0.01 % 5.85 dB
0.001 % 6.24 dB
0.0001 % 6.36 dB
Peak 6.40 dB
27.88 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
1.745000000 GHz
CF Step
5.000000 MHz
Auto
Freq Offset
0 Hz

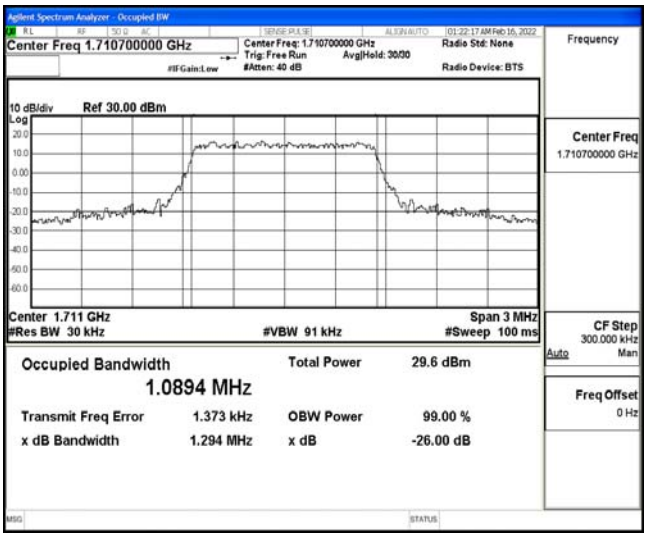
E.3 26dB Bandwidth and Occupied Bandwidth

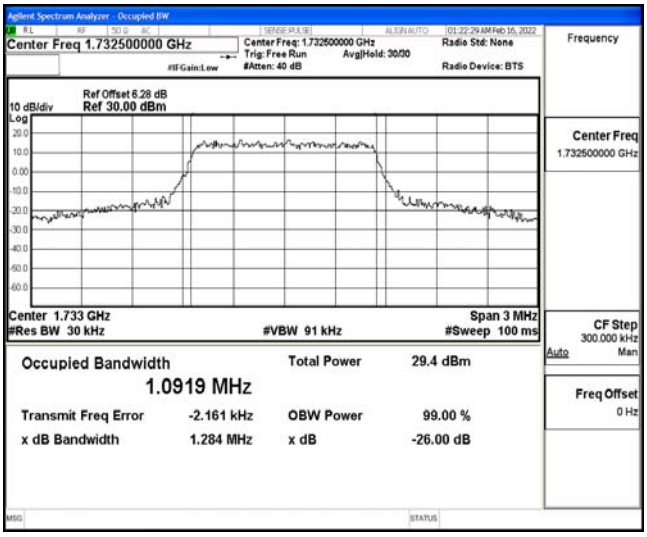
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0894	1.294	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0919	1.284	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0953	1.296	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0960	1.287	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0892	1.299	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0944	1.290	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6926	2.873	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6975	2.910	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6839	2.892	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6826	2.897	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6830	2.888	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6768	2.890	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5144	5.150	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5135	5.201	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5058	5.145	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5214	5.212	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5323	5.233	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5190	5.109	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0133	10.19	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0154	10.31	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0003	10.03	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9883	9.961	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0208	10.07	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9965	10.12	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.514	15.28	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.514	15.26	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.462	15.05	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.538	14.88	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.543	15.14	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.512	15.12	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.038	21.88	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.024	20.15	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.964	19.66	PASS

Band4	20MHz	16QAM	20050	100RB#0	17.967	19.69	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.077	19.89	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.940	19.81	PASS

Test Graphs

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


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


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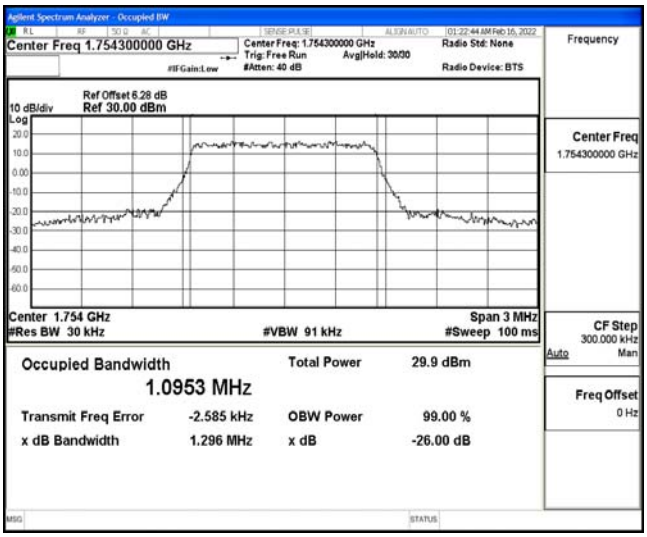
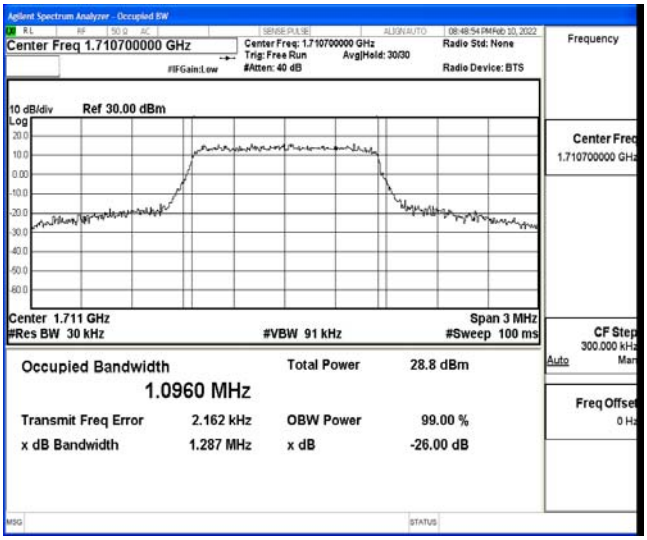
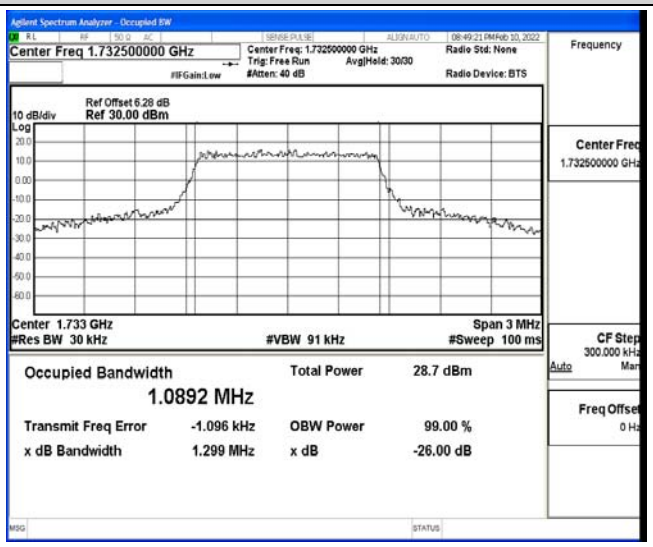


Band4-1.4MHz-16QAM-19957-6RB#0



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



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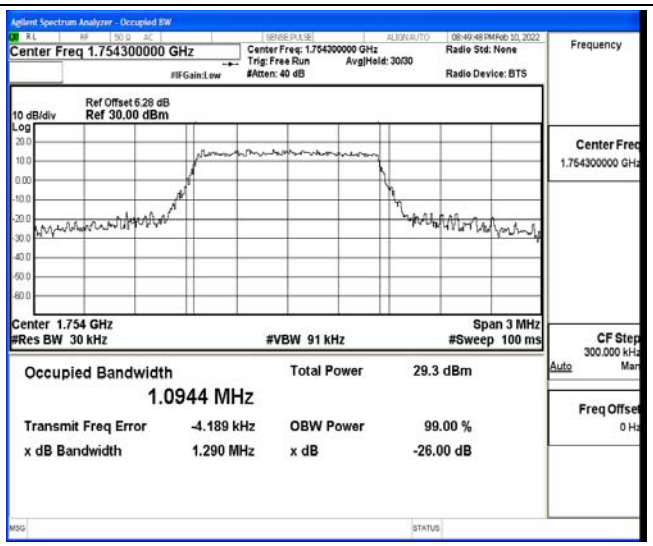
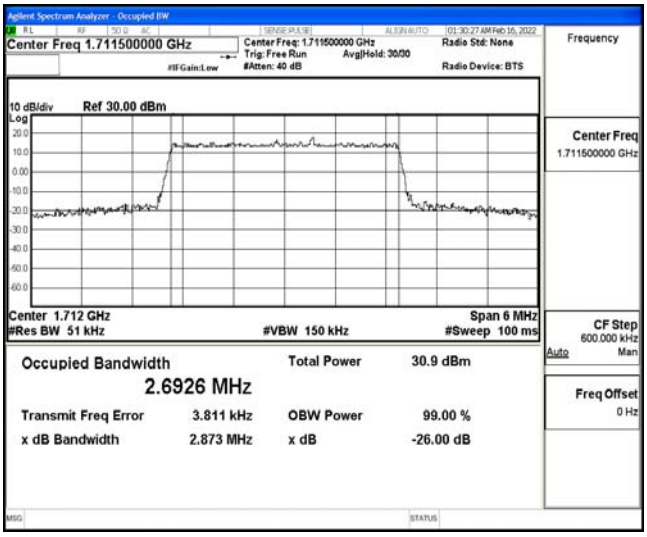
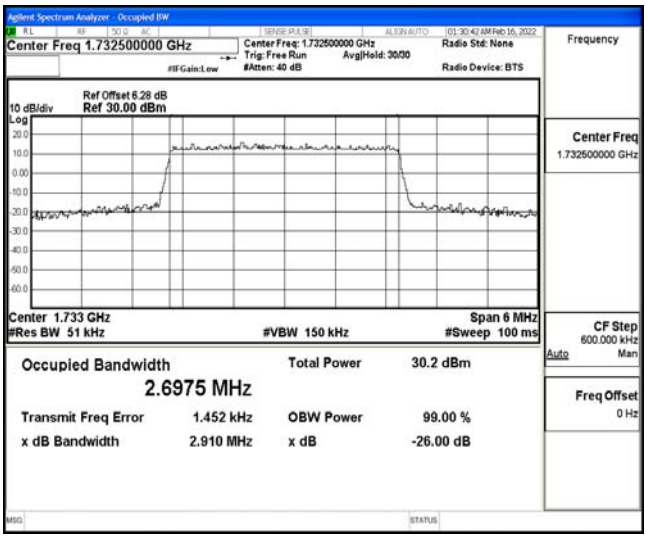


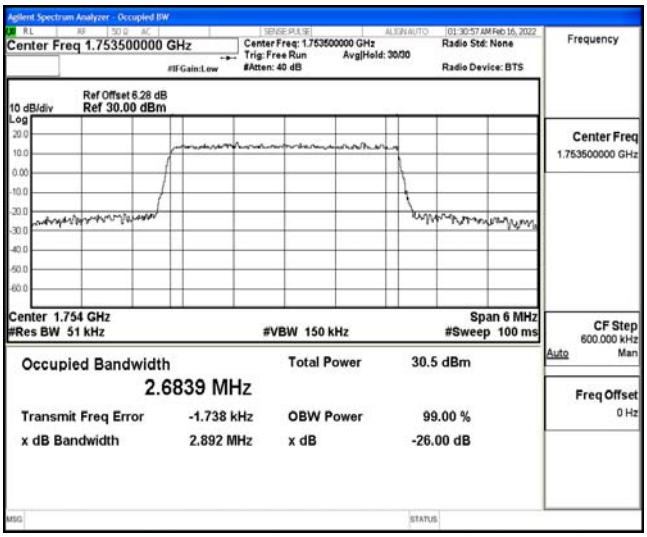
Band4-3MHz-QPSK-19965-15RB#0



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



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



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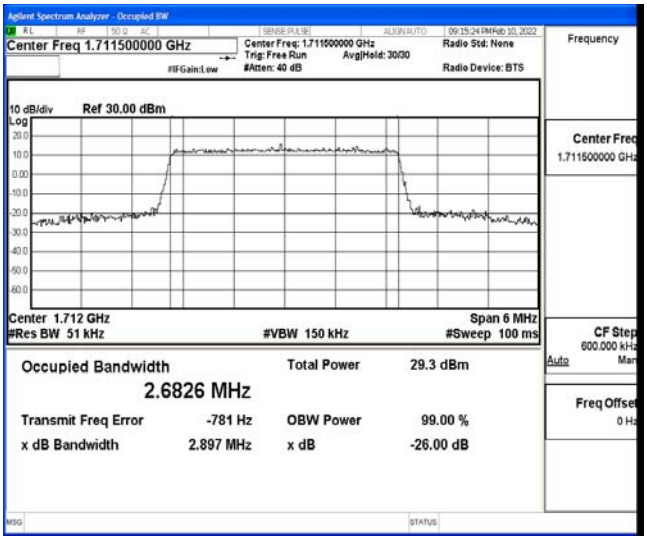
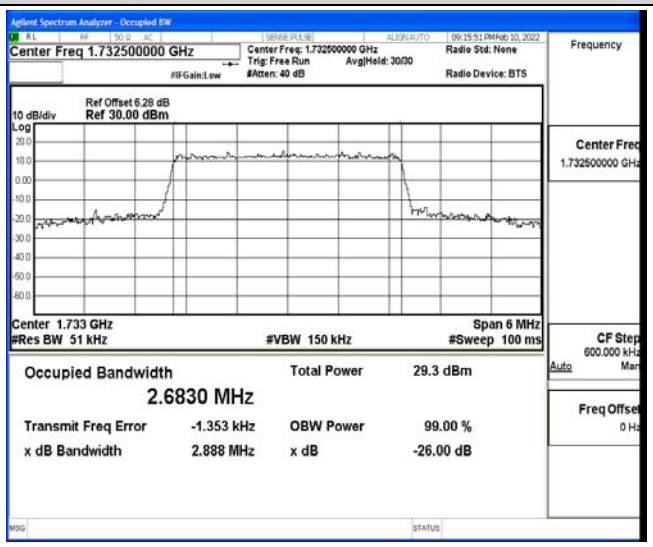


Band4-3MHz-16QAM-20175-15RB#0



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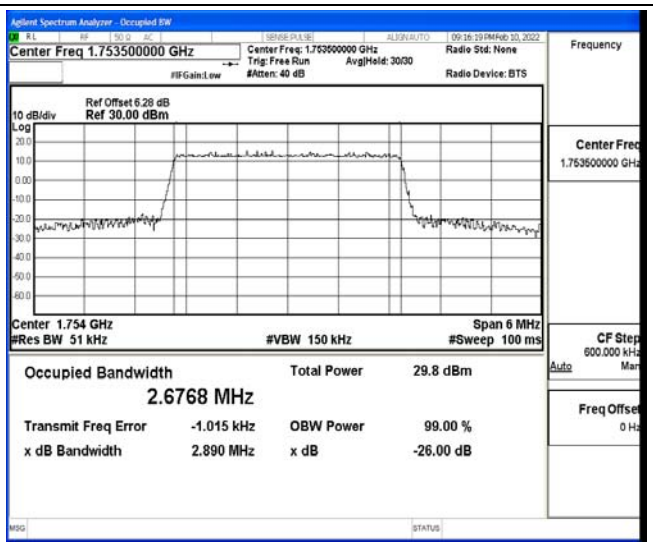

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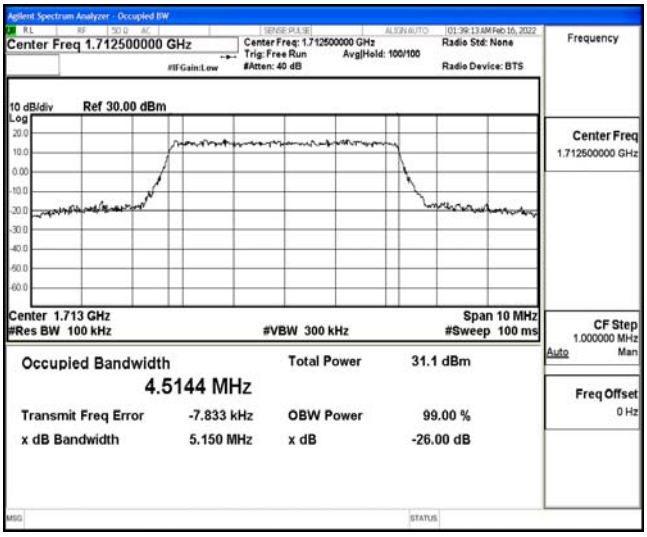
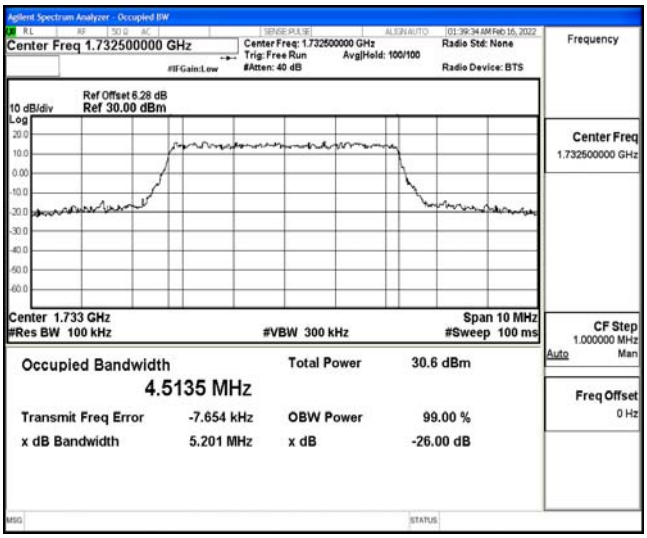
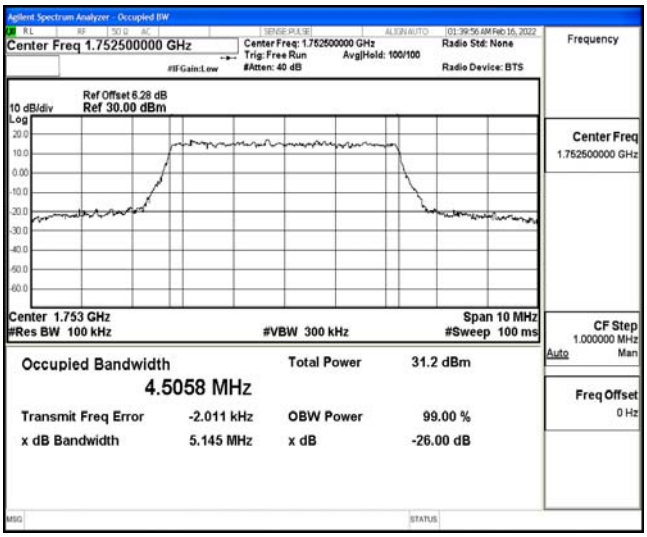


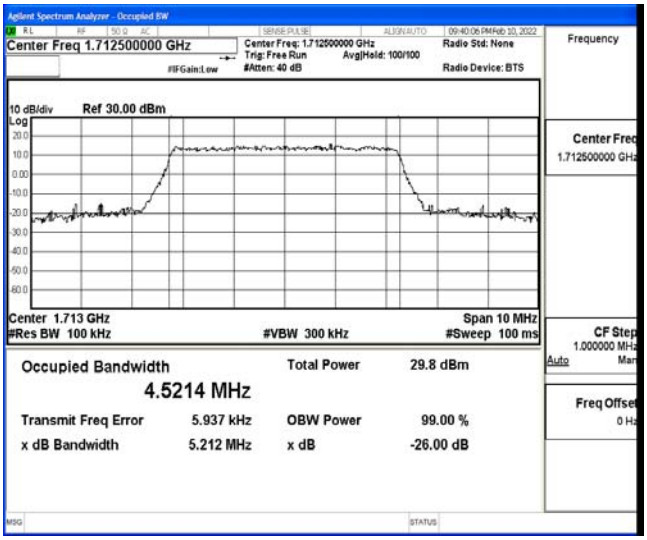
Band4-5MHz-QPSK-20175-25RB#0



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



Band4-5MHz-16QAM-19975-25RB#0



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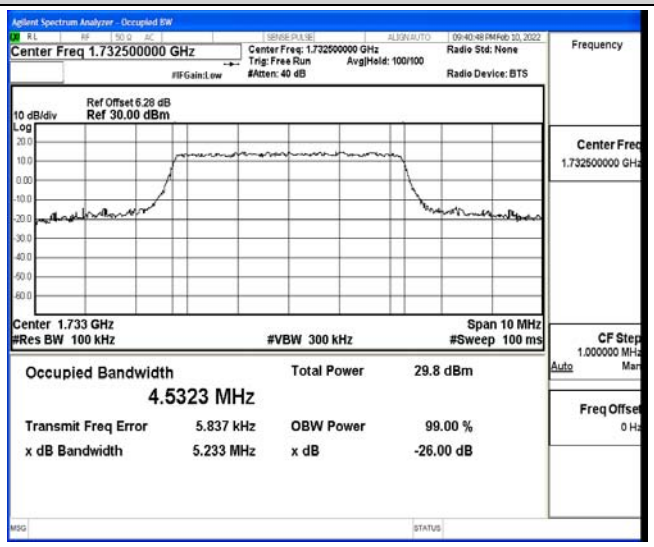
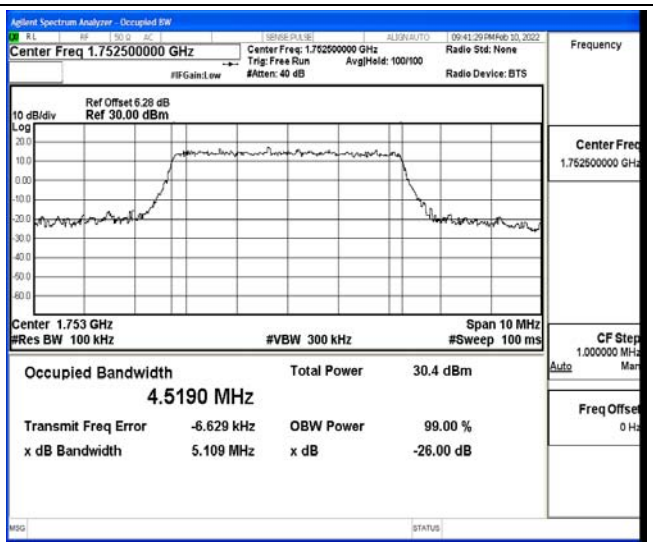
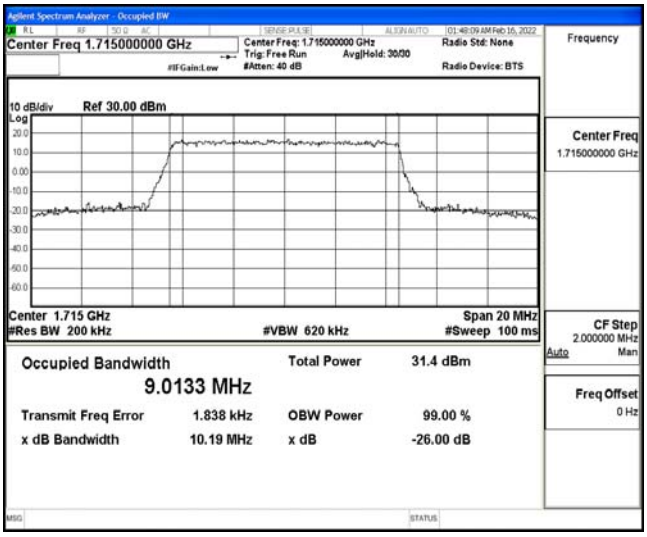


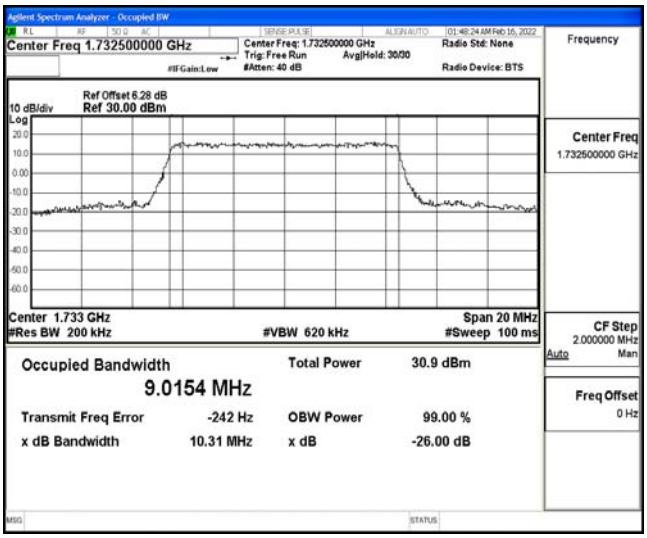
Band4-5MHz-16QAM-20375-25RB#0



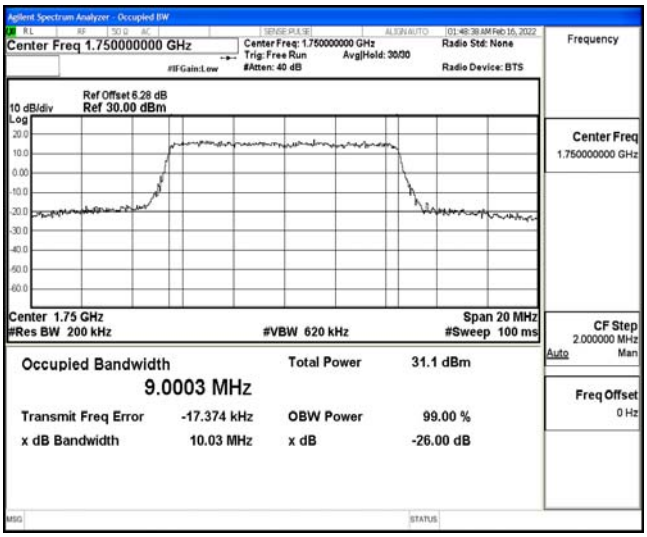
Band4-10MHz-QPSK-20000-50RB#0



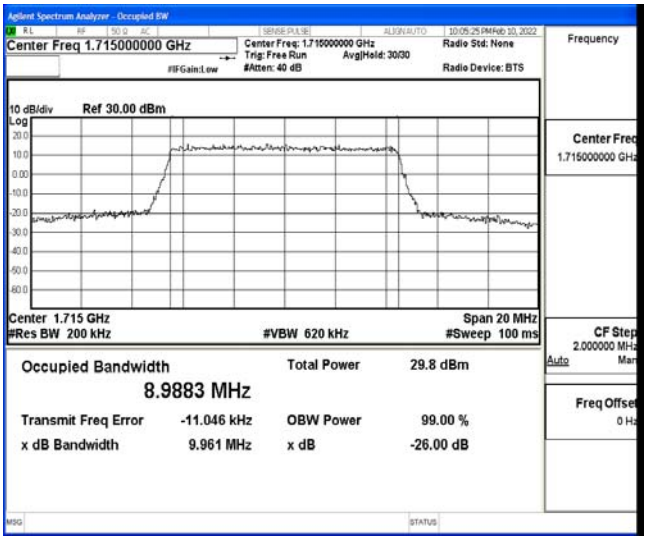
Band4-10MHz-QPSK-20175-50RB#0



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



Band4-10MHz-16QAM-20000-50RB#0



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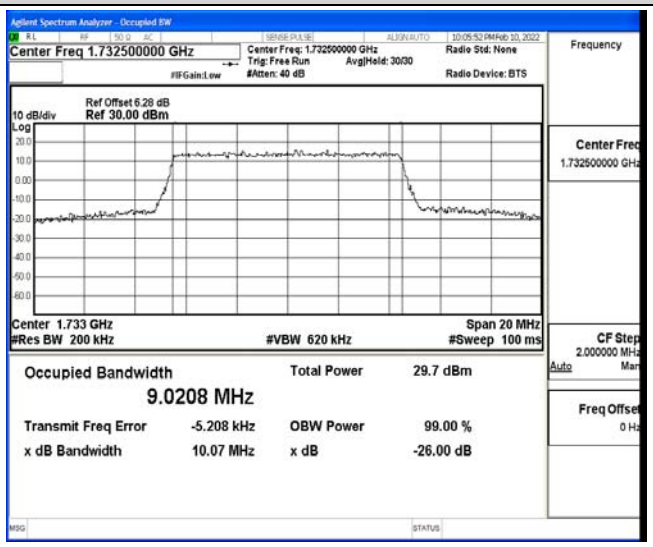
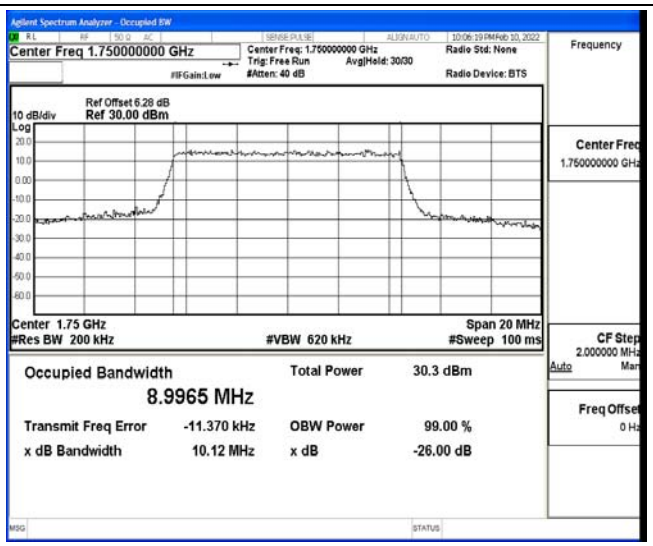
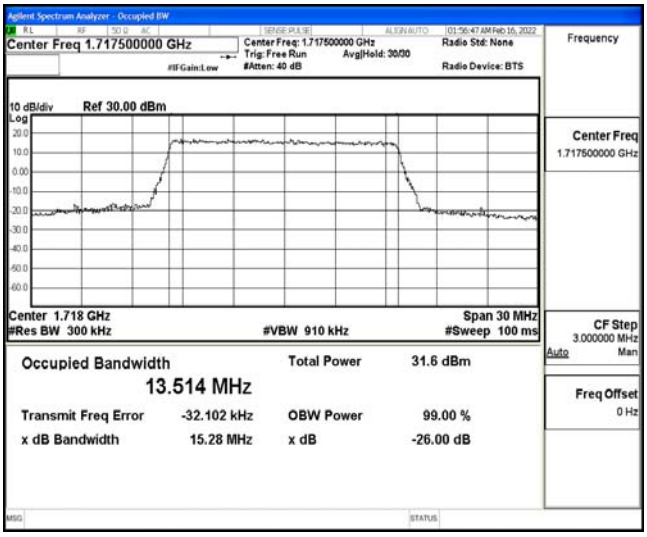


Band4-10MHz-16QAM-20350-50RB#0



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



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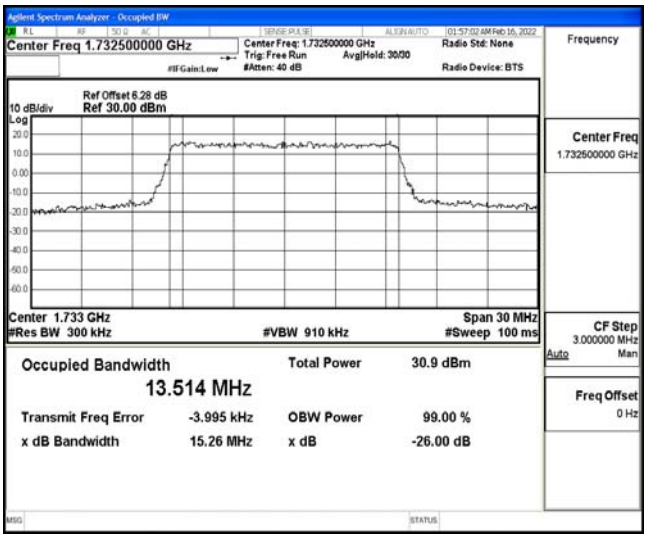

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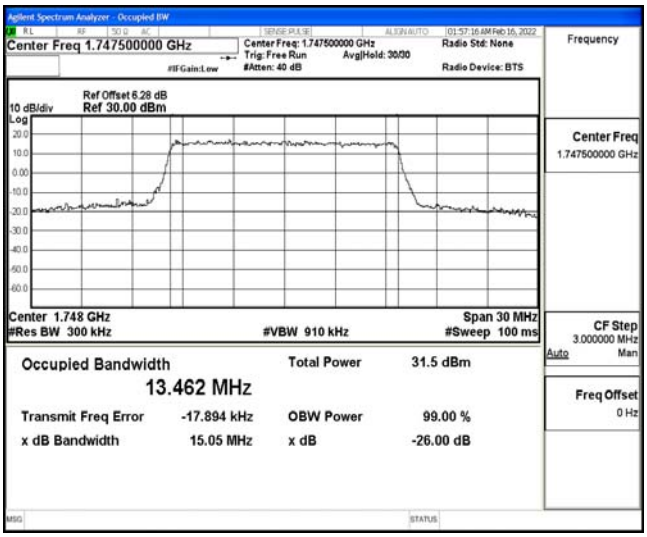

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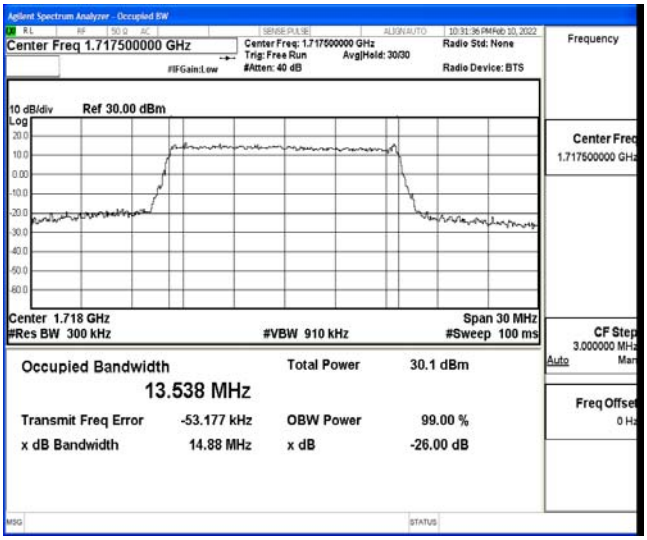

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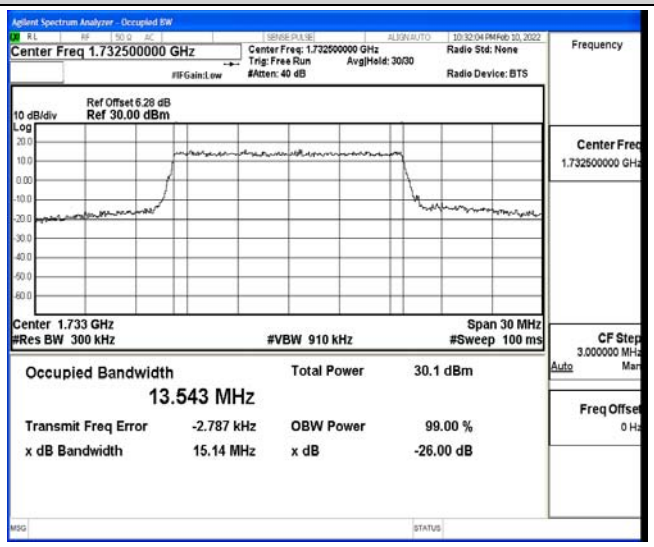

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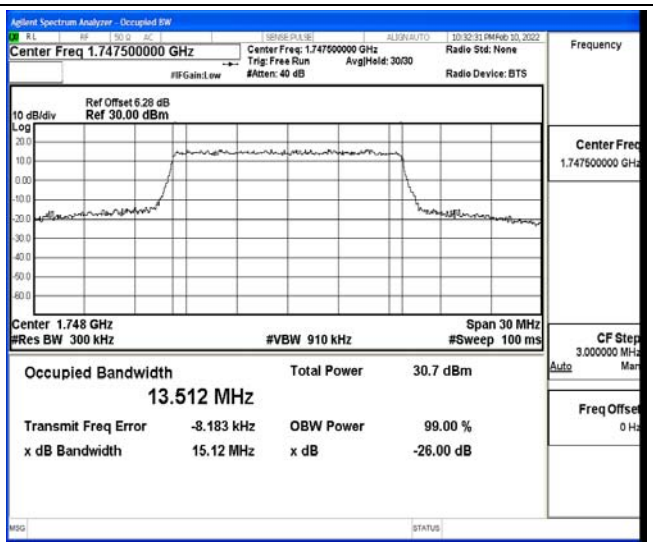
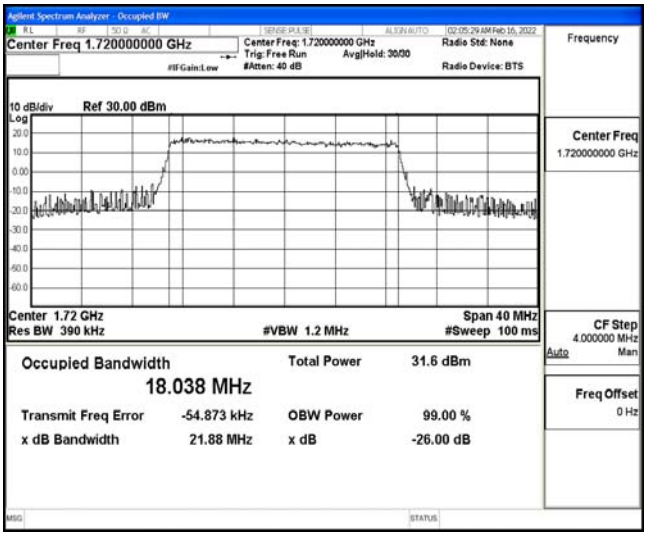
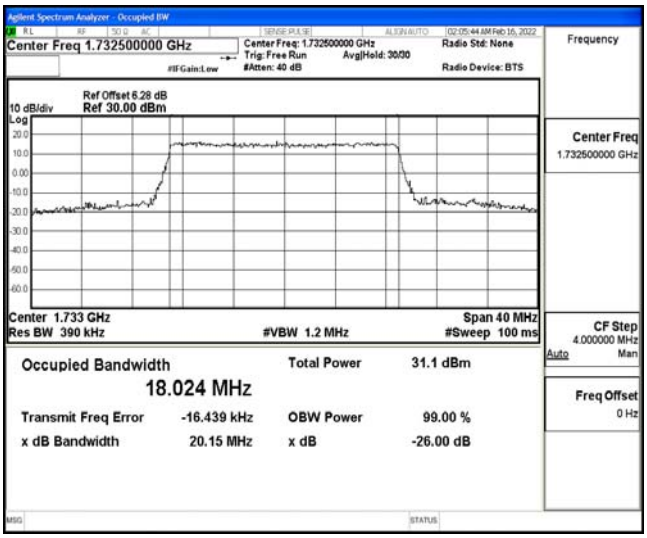


Band4-20MHz-QPSK-20050-100RB#0



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



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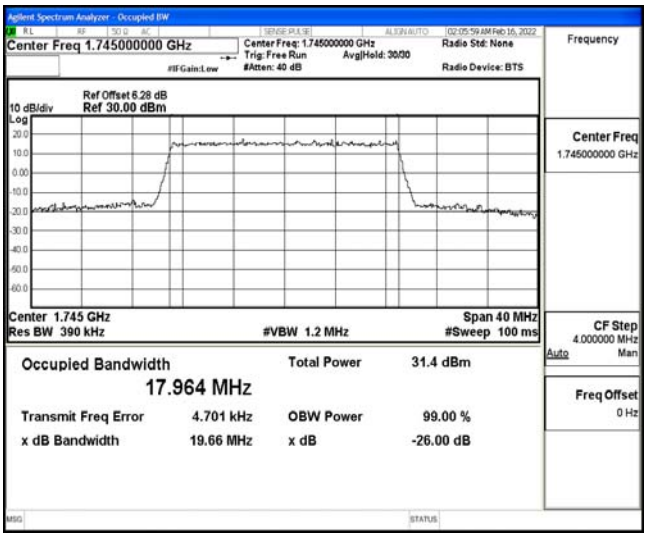
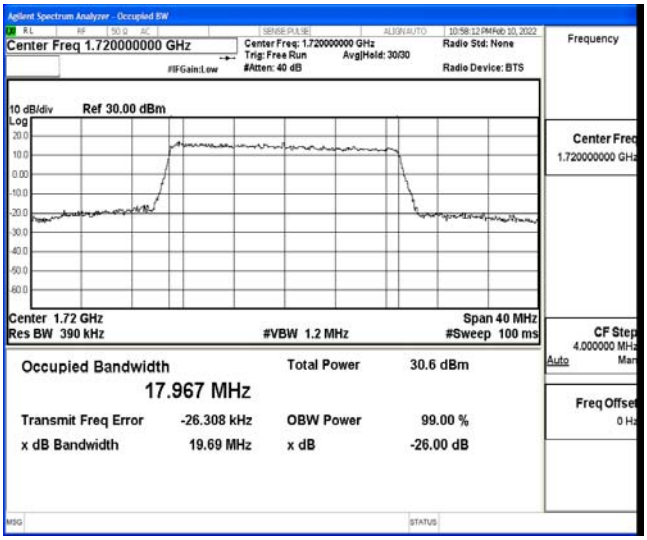
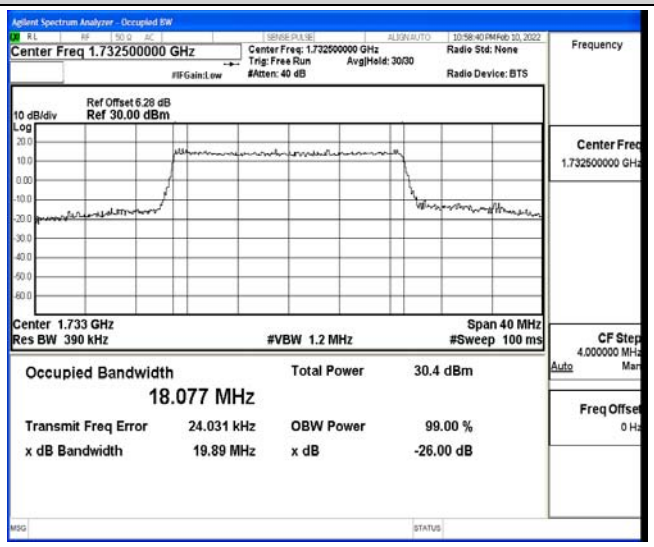


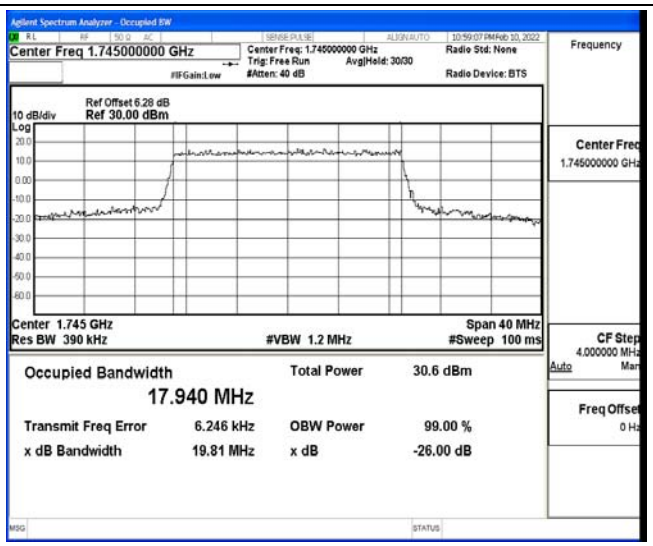
Band4-20MHz-16QAM-20050-100RB#0



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



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

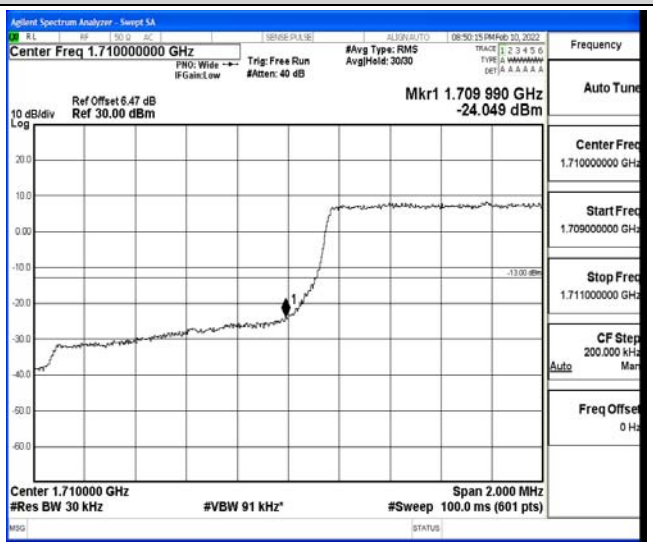

Agilent Spectrum Analyzer - Occupied BW
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 6.28 dB
10 dB/div
Ref 30.00 dBm
Log
Center 1.745 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
Occupied Bandwidth
17.940 MHz
Total Power 30.6 dBm
Transmit Freq Error 6.246 kHz
OBW Power 99.00 %
x dB Bandwidth 19.81 MHz
x dB -26.00 dB
Center Freq
1.745000000 GHz
CF Step
4.000000 MHz
Auto
Freq Offset
0 Hz

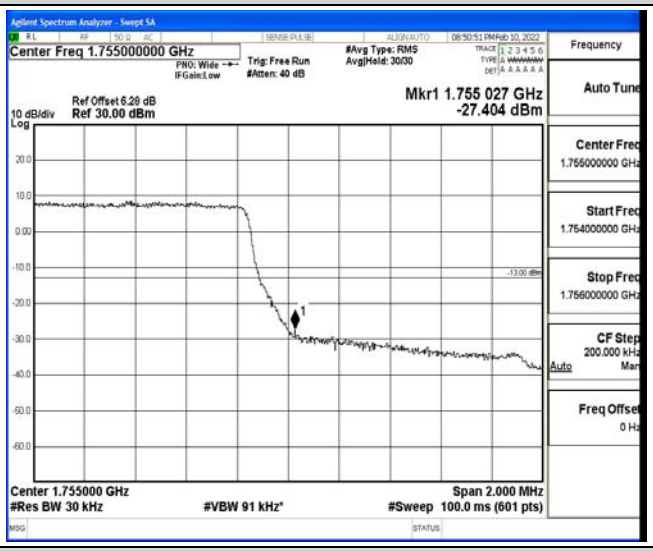
E.4 Band Edge

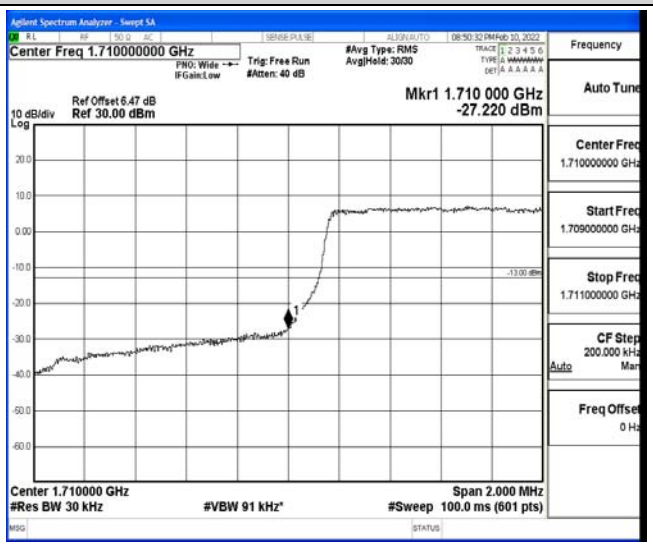
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-24.05	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.40	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-27.22	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.38	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.25	PASS
Band4	3MHz	QPSK	20385	15RB#0	-28.30	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.65	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.80	PASS
Band4	5MHz	QPSK	19975	25RB#0	-22.44	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.61	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.90	PASS
Band4	10MHz	QPSK	20000	50RB#0	-26.17	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.30	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.93	PASS
Band4	10MHz	16QAM	20350	50RB#0	-28.42	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.56	PASS
Band4	15MHz	QPSK	20325	75RB#0	-21.65	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.14	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.14	PASS
Band4	20MHz	QPSK	20050	100RB#0	-27.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	-23.09	PASS
Band4	20MHz	16QAM	20050	100RB#0	-29.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	-26.66	PASS

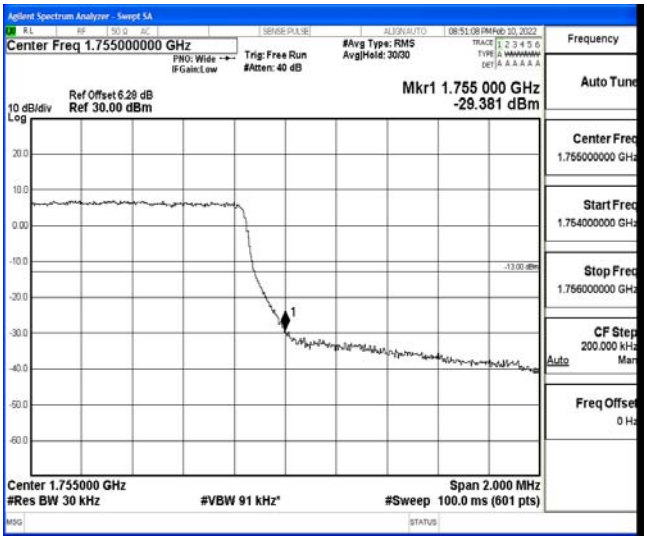
Test Graphs

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


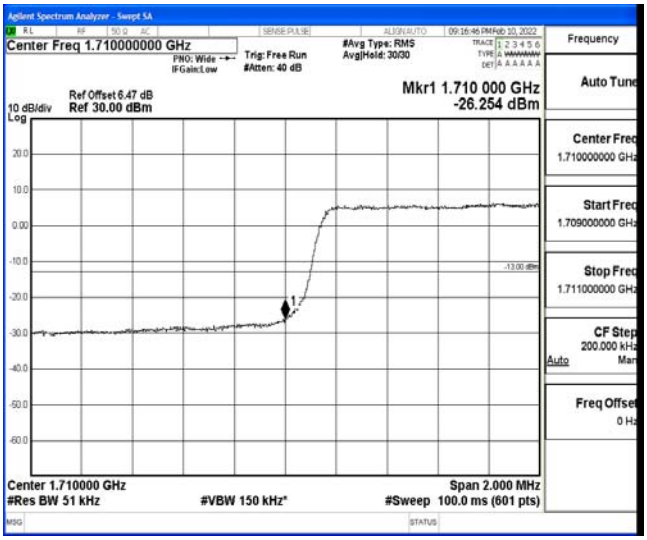
Band4-1.4MHz-QPSK-20393-6RB#0


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


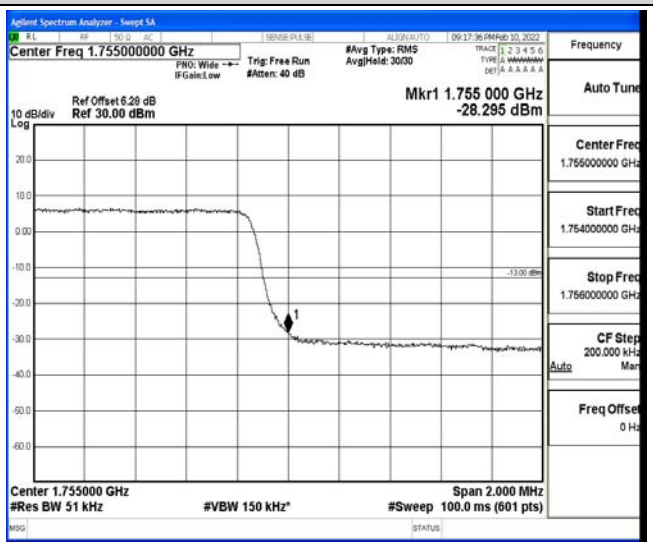
Band4-1.4MHz-16QAM-20393-6RB#0



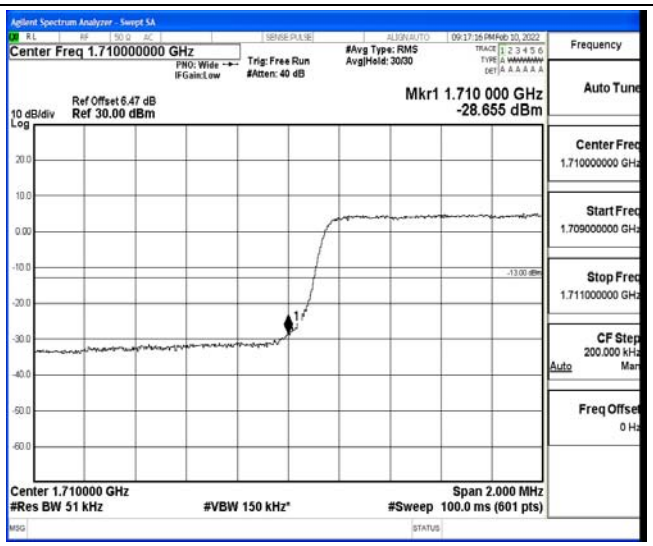
Band4-3MHz-QPSK-19965-15RB#0



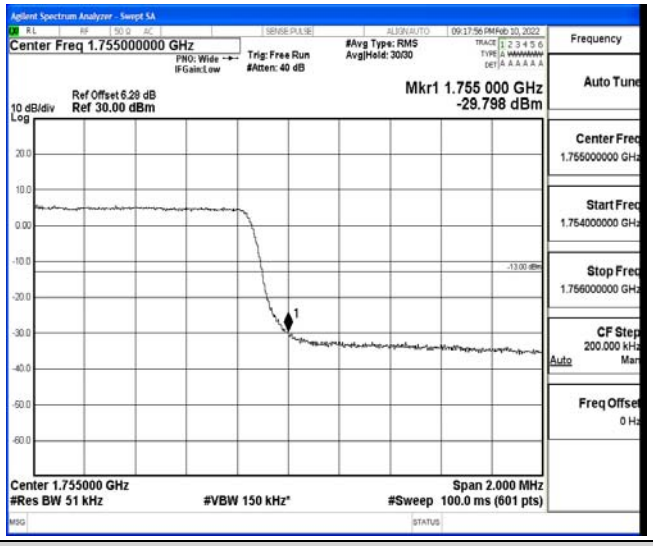
Band4-3MHz-QPSK-20385-15RB#0



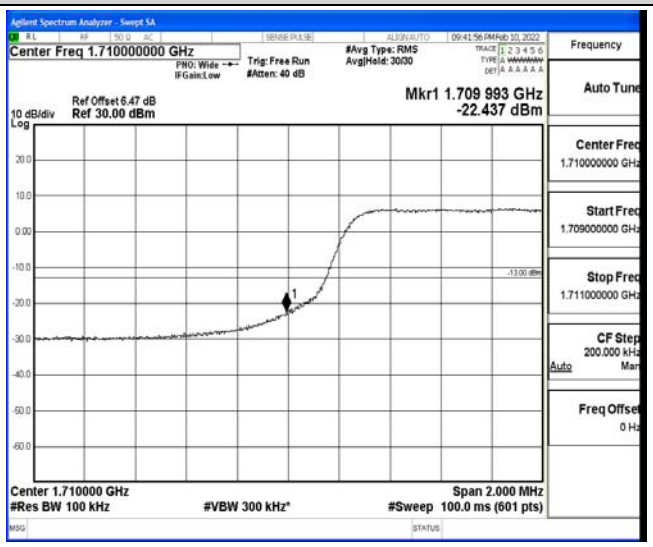
Band4-3MHz-16QAM-19965-15RB#0



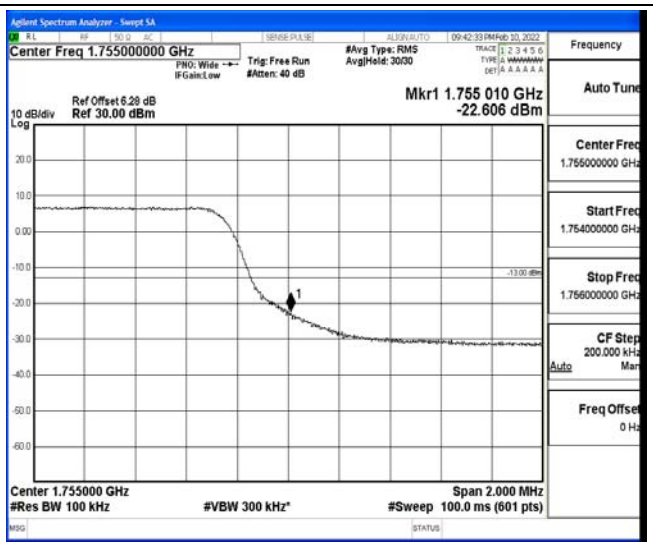
Band4-3MHz-16QAM-20385-15RB#0



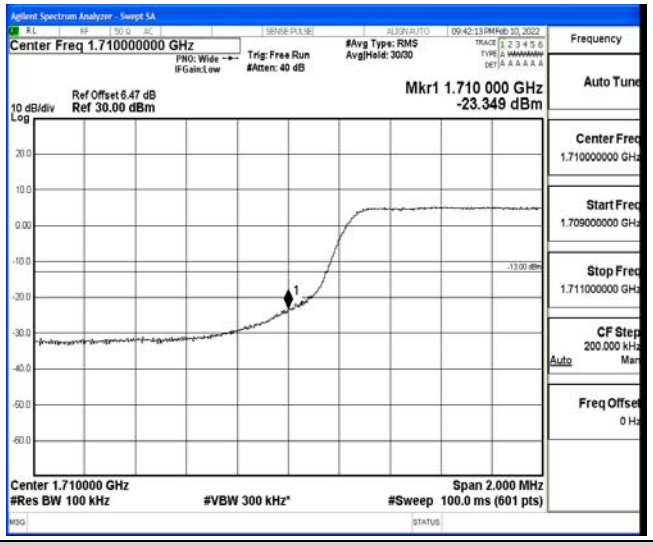
Band4-5MHz-QPSK-19975-25RB#0



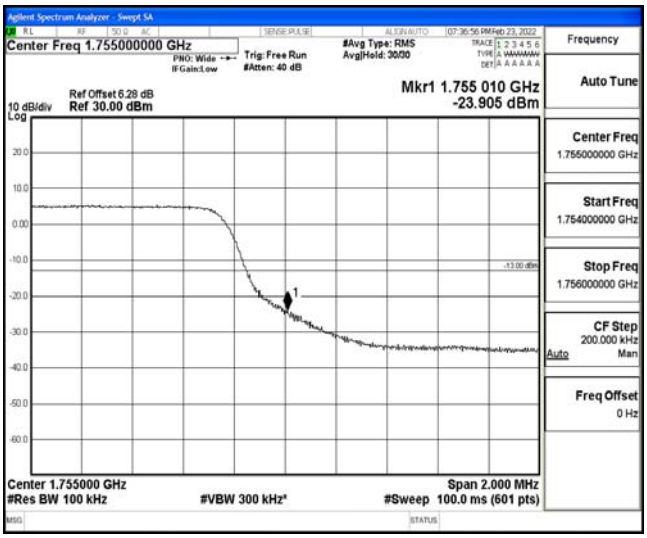
Band4-5MHz-QPSK-20375-25RB#0



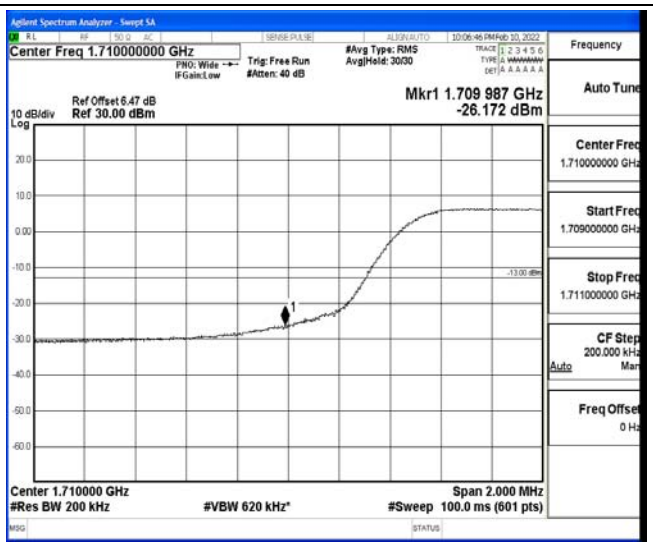
Band4-5MHz-16QAM-19975-25RB#0



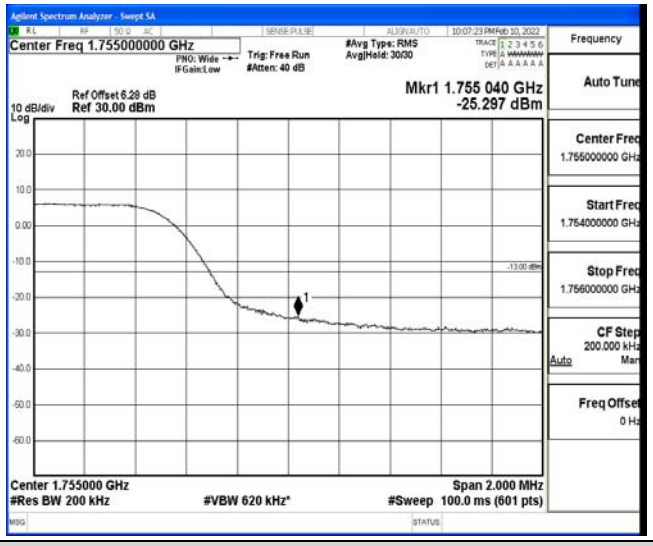
Band4-5MHz-16QAM-20375-25RB#0



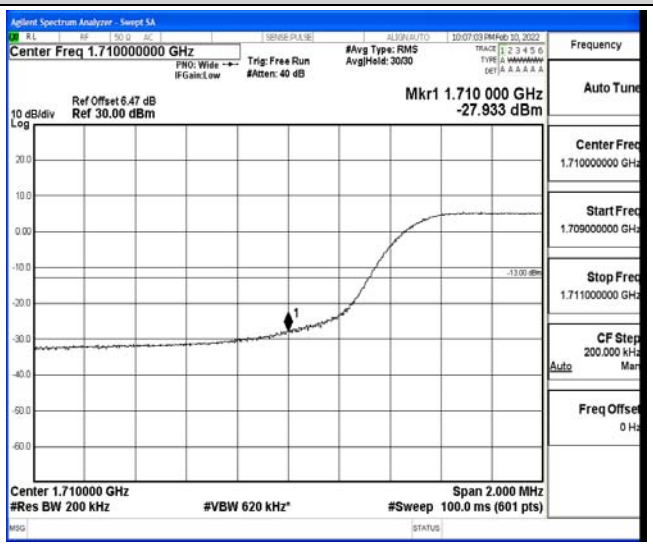
Band4-10MHz-QPSK-20000-50RB#0



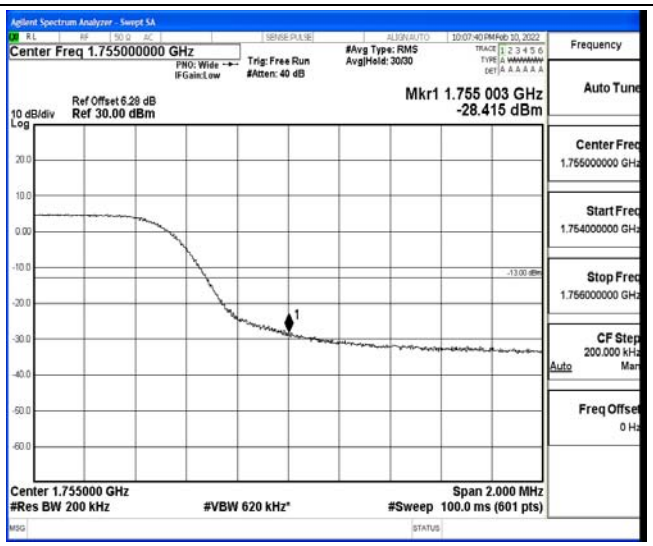
Band4-10MHz-QPSK-20350-50RB#0



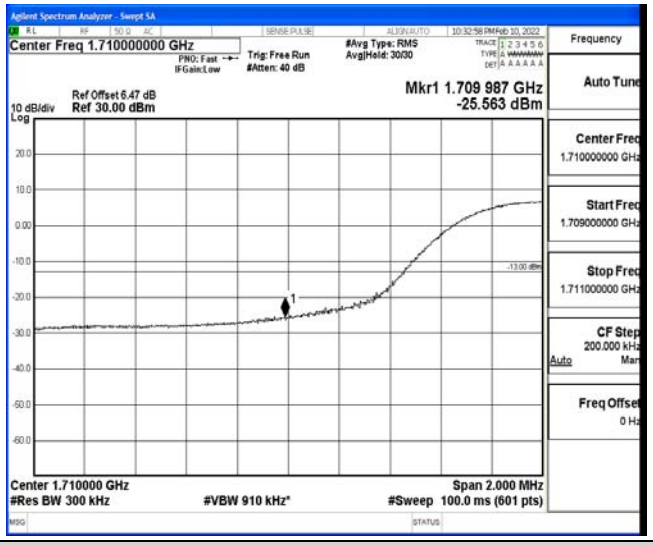
Band4-10MHz-16QAM-20000-50RB#0



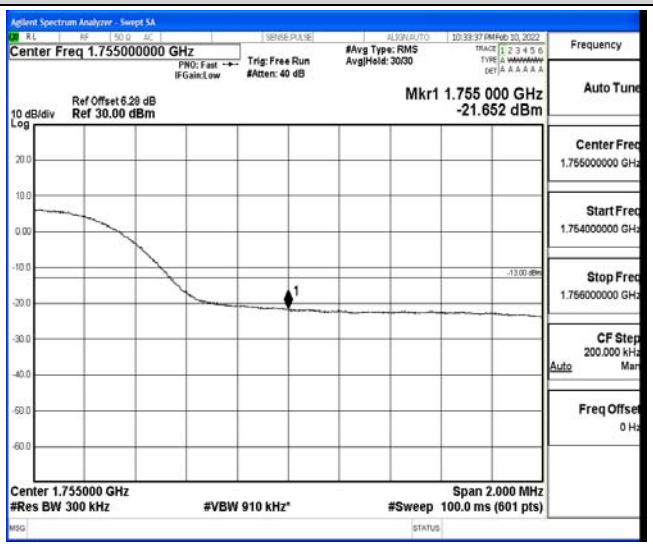
Band4-10MHz-16QAM-20350-50RB#0



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



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



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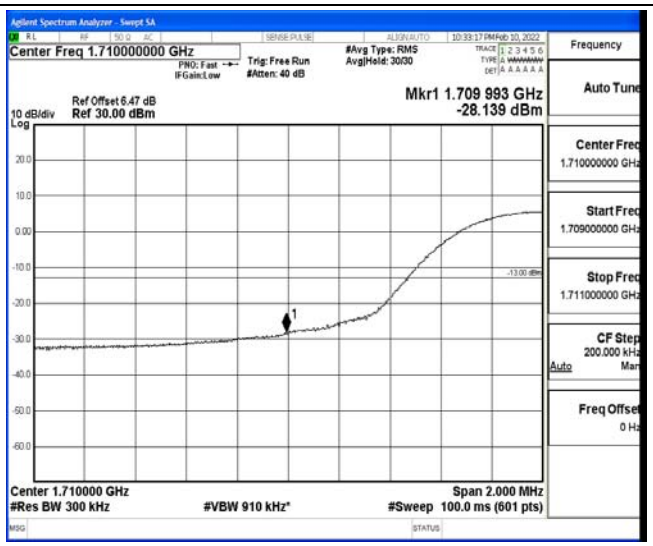
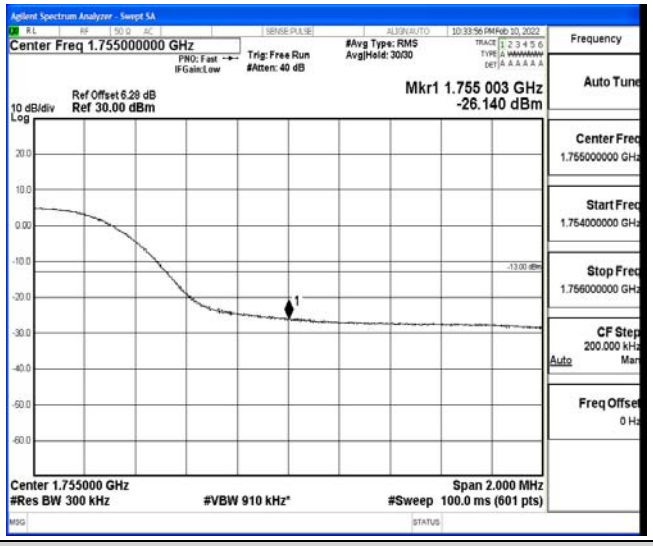
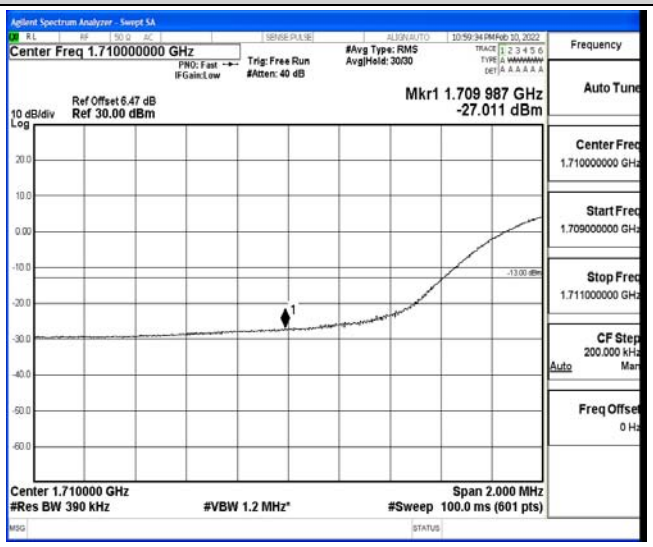


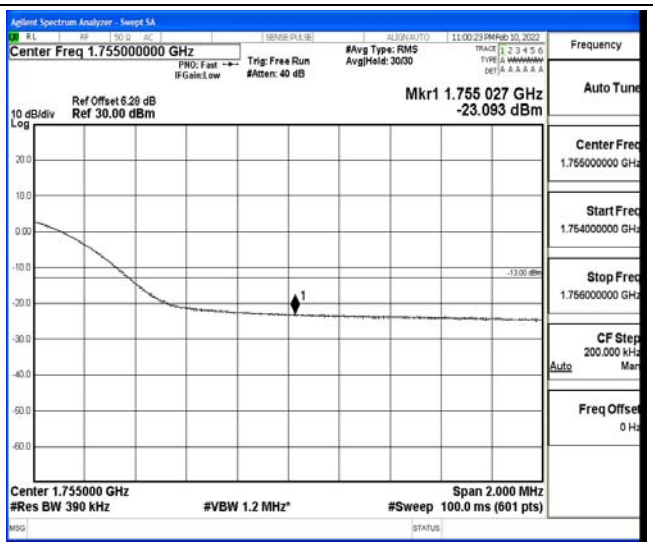
Band4-15MHz-16QAM-20325-75RB#0



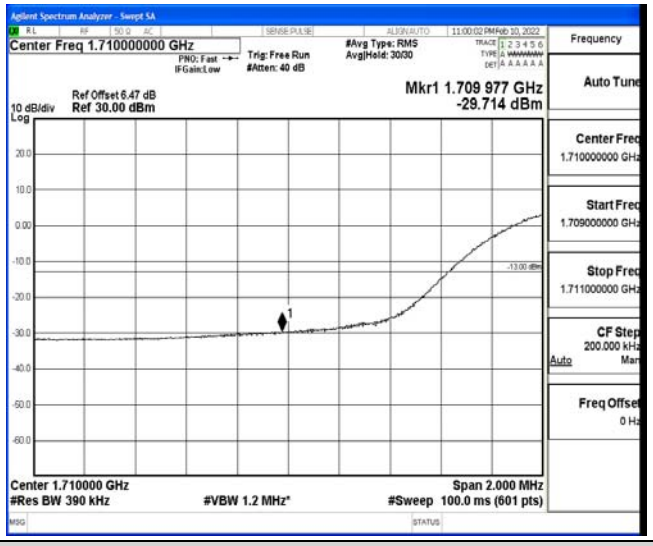
Band4-20MHz-QPSK-20050-100RB#0



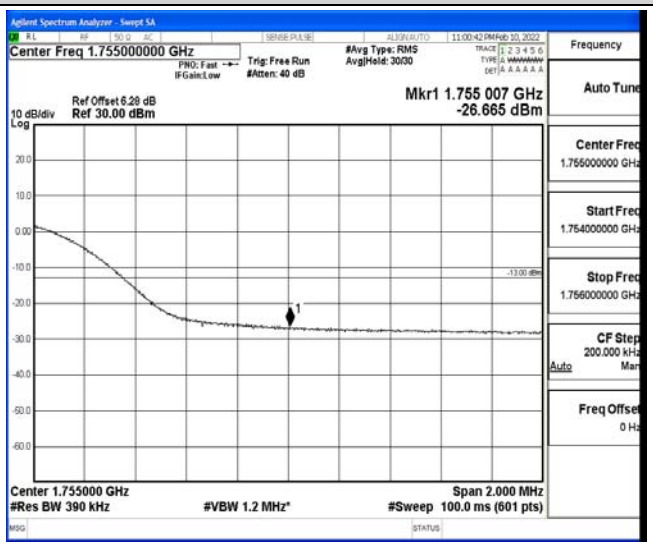
Band4-20MHz-QPSK-20300-100RB#0



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



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



E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-55.62	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-49.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-42.73	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-27.46	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-33.75	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.95	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.39	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-30.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.46	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-54.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-52.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-32.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-33.59	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-55.51	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-52.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-29.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-33.51	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.39	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.74	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.54	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-31.81	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.46	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-54.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-50.48	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-42.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-33.03	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-33.63	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-55.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-52.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-41.88	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-27.59	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-33.51	PASS

Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-57.23	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-49.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.56	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-29.99	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.77	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-56.52	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-51.3	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-42.76	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-32.68	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-33.7	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-57.54	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-52.01	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-42.74	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-29.92	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-33.33	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.99	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.24	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.34	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-31.45	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.67	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-55.61	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-41.13	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-33.49	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.74	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-54.13	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-51.28	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-42.5	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-27.54	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-33.75	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-29.46	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.75	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-55.3	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-51.63	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.52	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-33.17	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.75	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-55.14	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-50.03	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-42.25	PASS

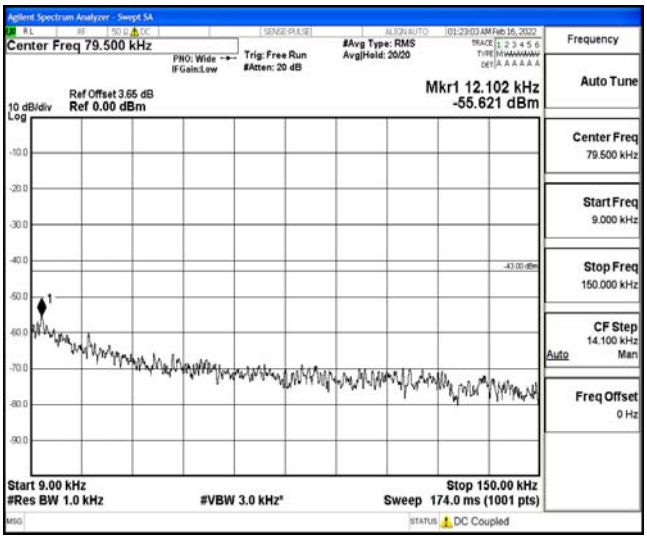
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-28.38	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.64	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-40.2	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-30.57	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.53	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-55.59	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-52.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-33.74	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.72	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-57.17	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-43.09	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-27.6	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-33.68	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.47	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.85	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-43.26	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-28.85	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.7	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-56.24	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-51.56	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-42.52	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-34.16	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-33.65	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-54.7	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-42.86	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-29.97	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-33.57	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.08	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.58	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-43.1	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-30.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.59	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-55.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-42.19	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-35.58	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.63	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-57.33	PASS

Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-50.27	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-43.12	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-27.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-33.69	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.34	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.87	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-27.76	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.7	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-56.76	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-50.49	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-41.34	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-34.12	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-33.77	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-41.41	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-29.99	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-33.61	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.08	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.62	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.26	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-29.6	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.58	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-56.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-50.52	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-42.24	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-35.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33.43	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-52.13	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-41.66	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~10000MHz	-28.05	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.68	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.25	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.81	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-27.4	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.68	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-56.52	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-42.55	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-32.65	PASS

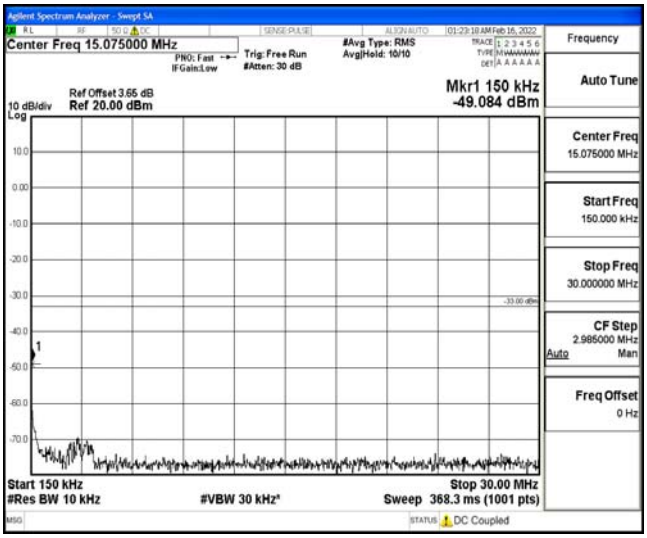
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.65	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-56.58	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-51.68	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-41.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-30.08	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.69	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.68	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.83	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-28.57	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-57.28	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-33.58	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-33.61	PASS

Test Graphs

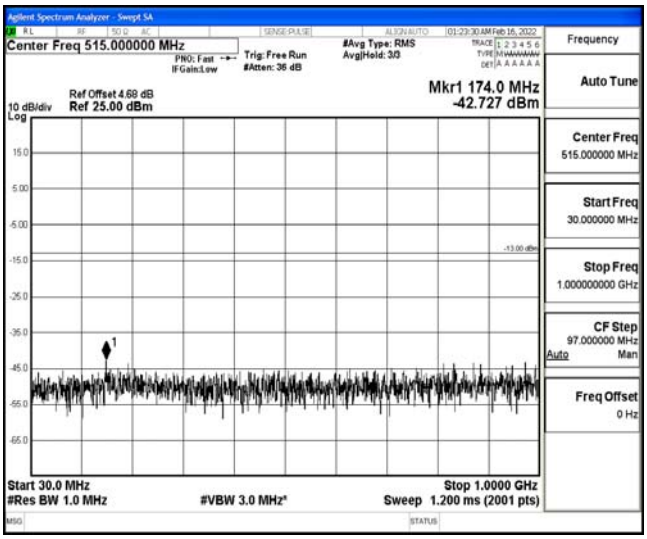
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz



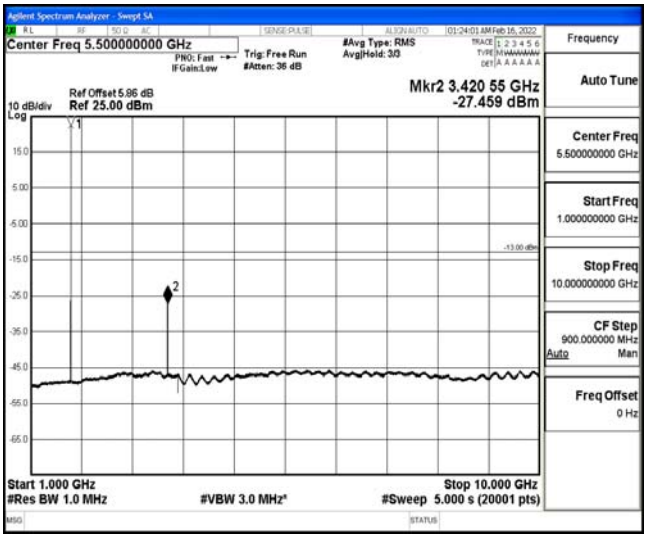
Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz



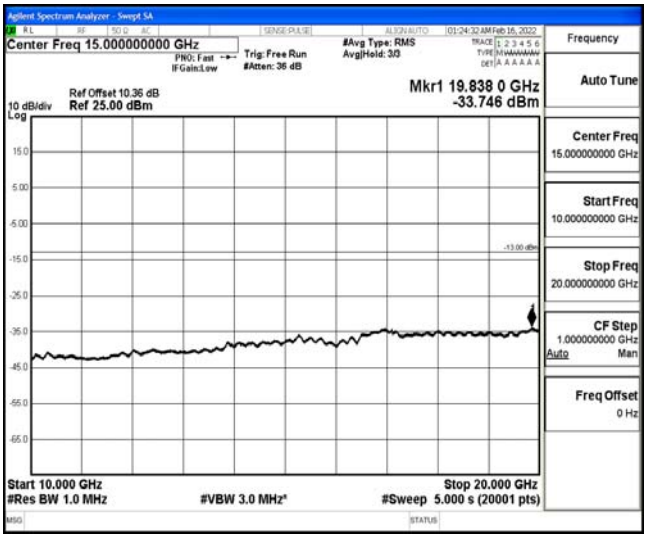
Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz



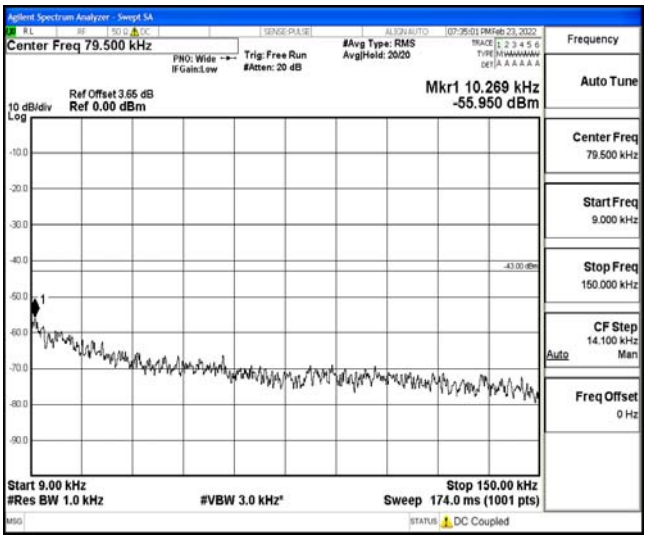
Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~10000MHz



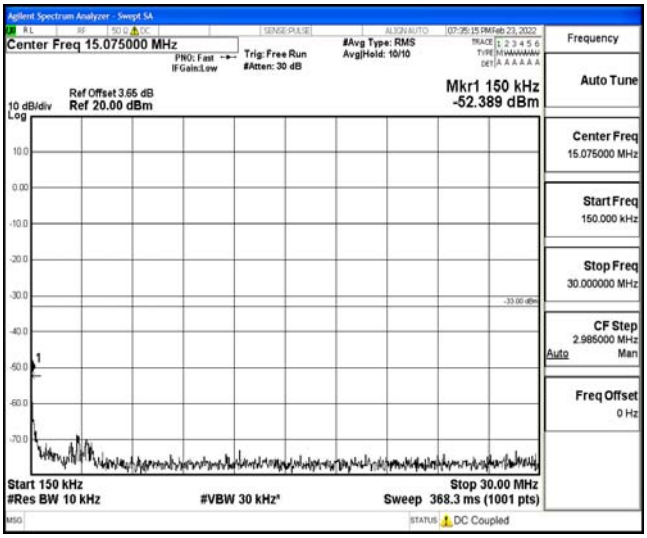
Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz



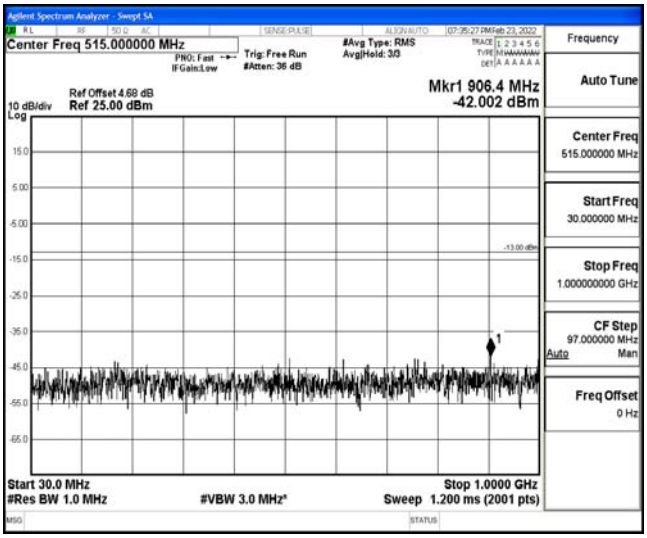
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



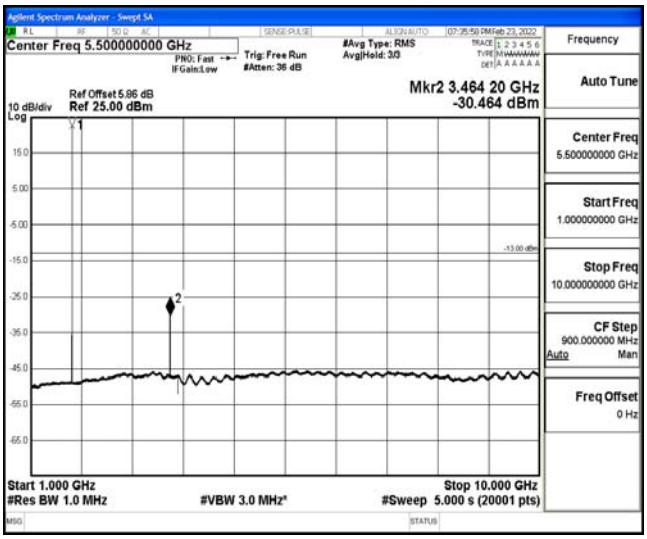
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



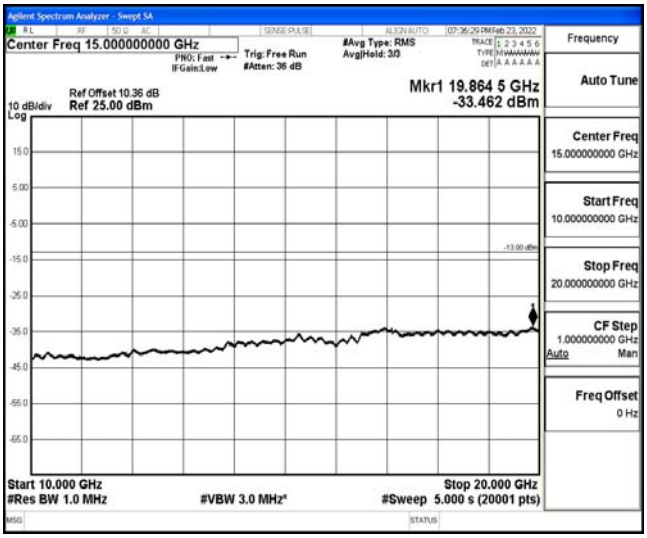
Band4-1.4MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



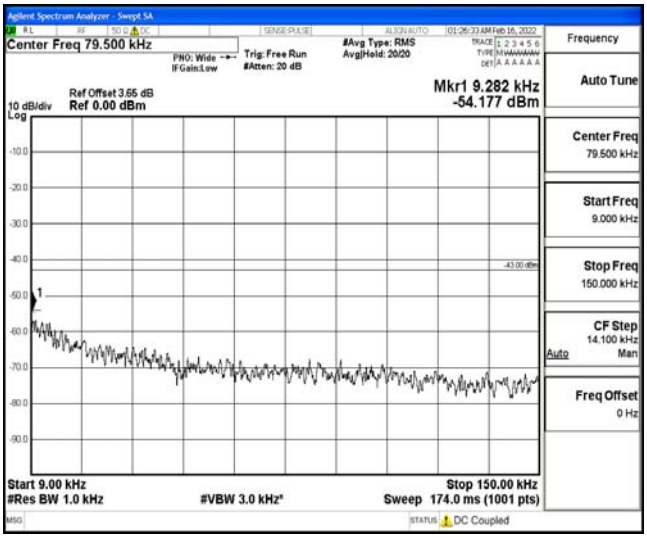
Band4-1.4MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz



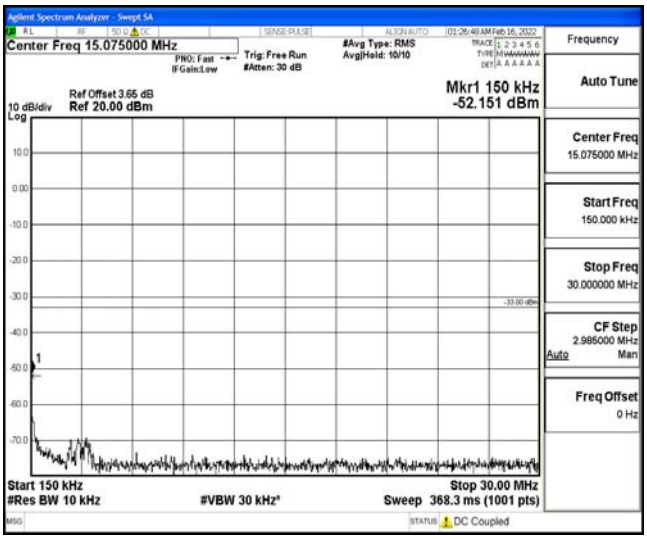
Band4-1.4MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz



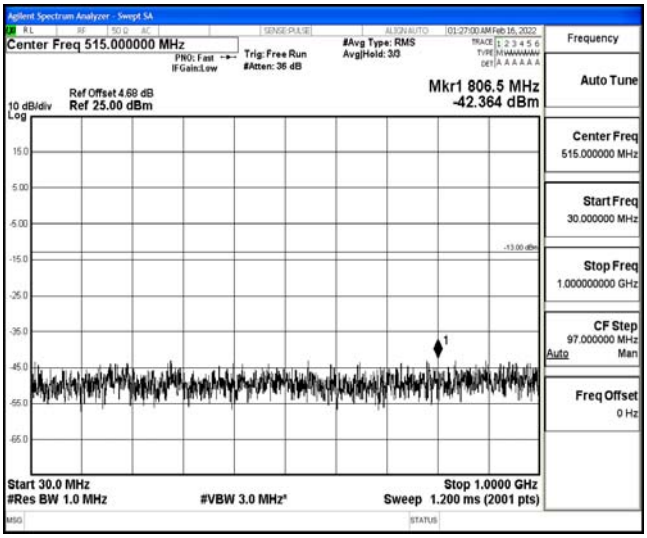
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:0.009~0.15MHz



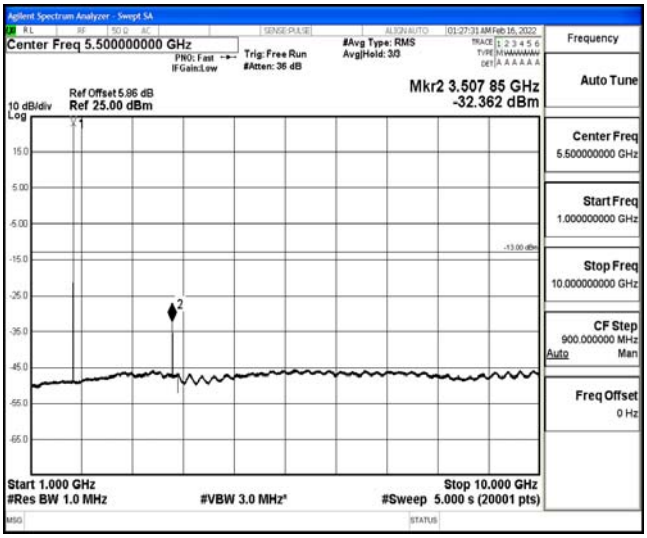
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:0.15~30MHz



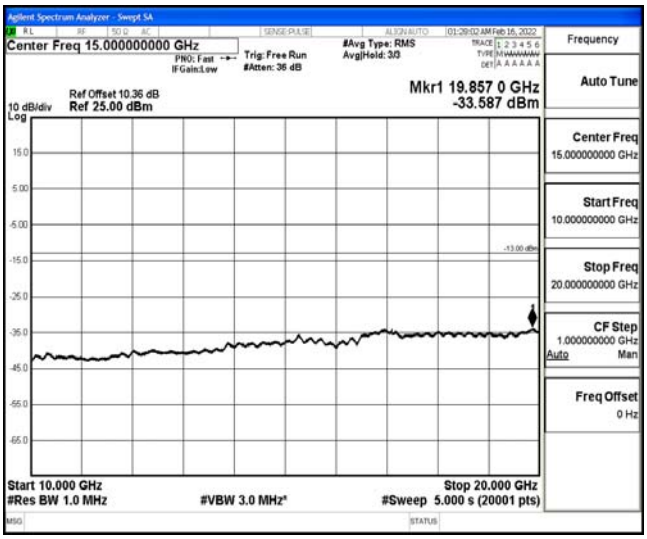
Band4-1.4MHz-QPSK-20393-1RB#0-Range3:30~1000MHz



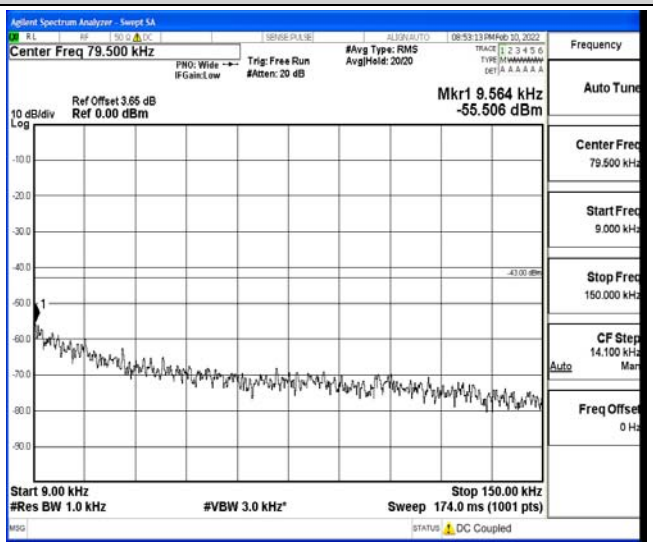
Band4-1.4MHz-QPSK-20393-1RB#0-Range4:1000~10000MHz



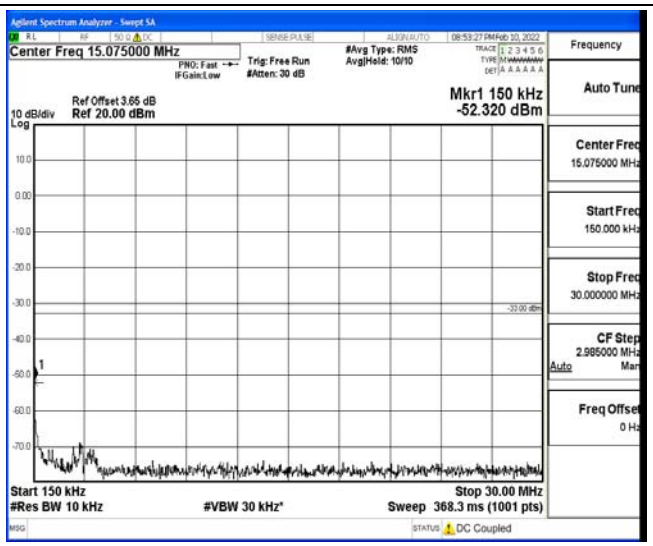
Band4-1.4MHz-QPSK-20393-1RB#0-Range5:10000~20000MHz



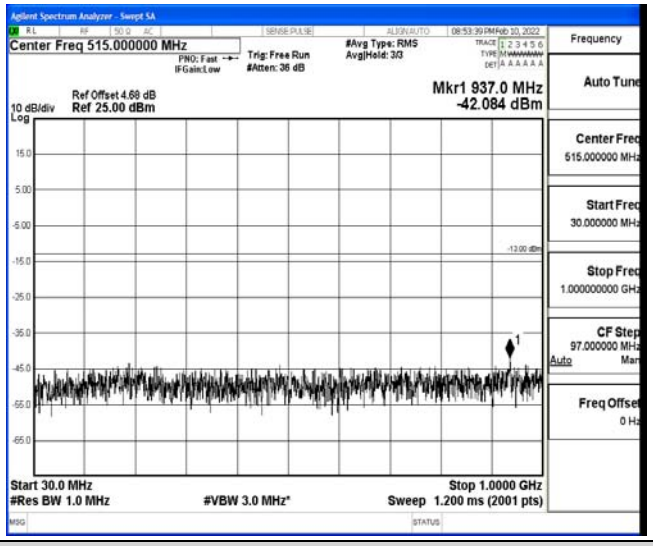
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:0.009~0.15MHz



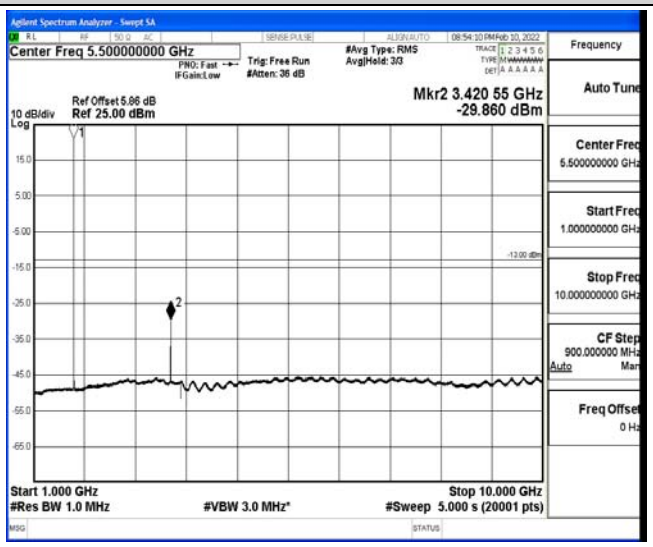
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:0.15~30MHz



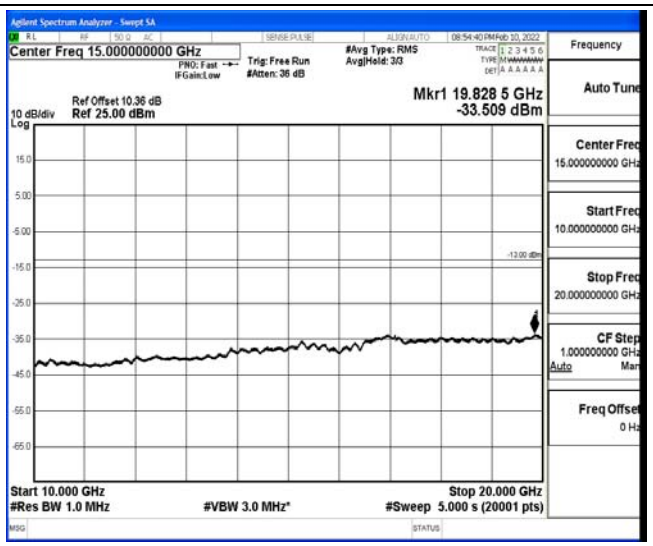
Band4-1.4MHz-16QAM-19957-1RB#0-Range3:30~1000MHz



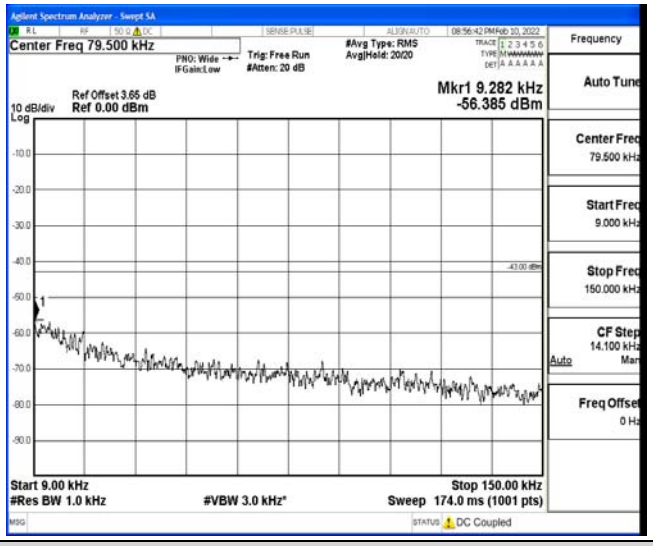
Band4-1.4MHz-16QAM-19957-1RB#0-Range4:1000~10000MHz



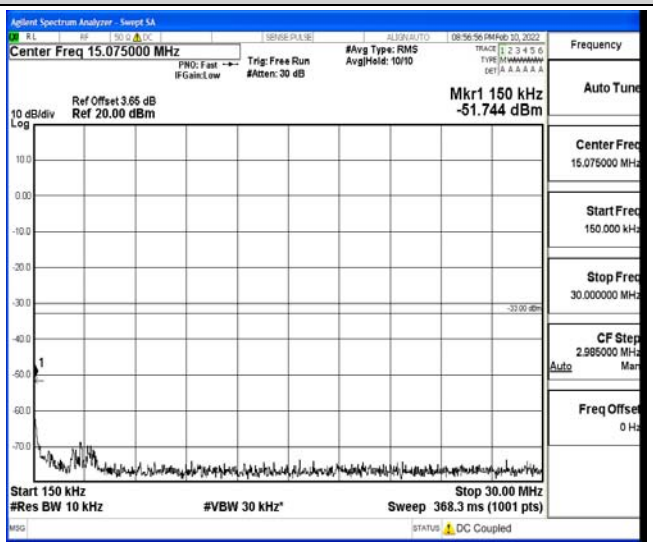
Band4-1.4MHz-16QAM-19957-1RB#0-Range5:10000~20000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:30~1000MHz