Test Data for E-UTRA Band 4

EUT： MDVR	**Model：** M51HV.TGWE-A-A
Ambient Condition: 25 ℃, 45 %RH, 101.325 kPa	
Test Engineer: Jack Zhou	

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.99	21.64	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.03	21.68	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.96	21.61	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.09	21.74	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.07	21.72	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.01	21.66	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.08	20.73	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.51	22.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.57	22.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.38	22.03	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.68	22.33	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.44	22.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.49	22.14	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.55	21.20	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.68	22.33	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.86	22.51	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.61	22.26	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.75	22.40	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.75	22.40	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.60	22.25	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.79	21.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.94	20.59	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.14	20.79	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.80	20.45	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.92	20.57	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.78	20.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.88	20.53	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.20	19.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.71	21.36	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.84	21.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.50	21.15	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.38	21.03	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.26	20.91	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.11	20.76	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.64	20.29	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.62	21.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.68	21.33	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.51	21.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.73	21.38	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.73	21.38	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.69	21.34	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.84	20.49	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.01	21.66	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.94	21.59	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.90	21.55	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.16	20.81	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.16	20.81	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.18	20.83	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.15	20.80	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.85	22.50	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.47	22.12	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.89	22.54	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.51	21.16	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.60	21.25	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.69	21.34	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.60	21.25	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.95	22.60	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.84	22.49	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.75	22.40	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.81	21.46	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.82	21.47	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.87	21.52	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.90	21.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.08	20.73	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.92	20.57	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.95	20.60	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.36	20.01	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.35	20.00	PASS

Band4	3MHz	16QAM	19965	8RB#7	20.00	19.65	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.27	19.92	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.60	21.25	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.55	21.20	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.74	21.39	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.83	20.48	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.79	20.44	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.68	20.33	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.60	20.25	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.80	21.45	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.75	21.40	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.56	21.21	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.89	20.54	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.83	20.48	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.97	20.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.91	20.56	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.10	21.75	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.05	21.70	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.17	21.82	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.09	20.74	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.10	20.75	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.04	20.69	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.99	20.64	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.60	22.25	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.45	22.10	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.47	22.12	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.58	21.23	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.58	21.23	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.57	21.22	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.65	21.30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.89	22.54	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.61	22.26	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.79	22.44	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.94	21.59	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.90	21.55	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.93	21.58	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.94	21.59	PASS

Band4	5MHz	16QAM	19975	1RB#0	21.18	20.83	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.77	20.42	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.06	20.71	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.10	19.75	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.19	19.84	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.04	19.69	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.14	19.79	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.49	21.14	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.40	21.05	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.60	21.25	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.72	20.37	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.71	20.36	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.56	20.21	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.76	20.41	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.78	21.43	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.80	21.45	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.97	21.62	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.88	20.53	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.78	20.43	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.01	20.66	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.13	20.78	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.12	21.77	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.96	21.61	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.90	21.55	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.07	20.72	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.07	20.72	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.99	20.64	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.87	20.52	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.53	22.18	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.68	22.33	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.64	22.29	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.67	21.32	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.64	21.29	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.63	21.28	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.63	21.28	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.80	22.45	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.81	22.46	PASS

Band4	10MHz	QPSK	20350	1RB#49	22.56	22.21	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.79	21.44	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.78	21.43	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.73	21.38	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.85	21.50	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.11	20.76	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.23	20.88	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.16	20.81	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.02	19.67	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.12	19.77	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.02	19.67	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.94	19.59	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.30	20.95	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.67	21.32	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.80	21.45	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.63	20.28	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.72	20.37	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.76	20.41	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.66	20.31	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.80	21.45	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.87	21.52	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.64	21.29	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.71	20.36	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.70	20.35	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.87	20.52	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.91	20.56	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.01	21.66	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.99	21.64	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.14	21.79	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.87	20.52	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.03	20.68	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.12	20.77	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.11	20.76	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.06	21.71	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.34	21.99	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.58	22.23	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.63	21.28	PASS

Band4	15MHz	QPSK	20175	38RB#18	21.72	21.37	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.71	21.36	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.59	21.24	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.01	22.66	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.87	22.52	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.61	22.26	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.81	21.46	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.71	21.36	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.70	21.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.70	21.35	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.08	20.73	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.46	21.11	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.18	20.83	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.94	20.59	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.13	20.78	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.11	20.76	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.18	19.83	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.35	21.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.56	21.21	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.57	21.22	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.62	21.27	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.72	21.37	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.71	21.36	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.62	20.27	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.95	21.60	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.76	21.41	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.83	21.48	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.81	21.46	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.70	21.35	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.70	21.35	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.81	20.46	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.02	21.67	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.41	22.06	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.64	22.29	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.92	20.57	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.93	20.58	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.31	20.96	PASS

Band4	20MHz	QPSK	20050	100RB#0	21.04	20.69	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.17	21.82	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.71	22.36	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.60	22.25	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.50	21.15	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.45	21.10	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.66	21.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.66	21.31	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.76	22.41	PASS
Band4	20MHz	QPSK	20300	1RB#49	**23.02**	**22.67**	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.57	22.22	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.89	21.54	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.86	21.51	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.68	21.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.85	21.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.86	20.51	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.70	21.35	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.62	21.27	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.01	19.66	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.01	19.66	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.28	19.93	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.11	19.76	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.64	21.29	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.50	22.15	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.10	21.75	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.53	20.18	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.59	20.24	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.78	20.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.75	20.40	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.95	21.60	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.32	21.97	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.69	21.34	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.93	20.58	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.91	20.56	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.77	20.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.91	20.56	PASS

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	2.85	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3.86	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.25	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.38	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.07	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.13	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3.88	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.68	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.33	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.04	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.96	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	2.87	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.14	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.29	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.67	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.16	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.36	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	8.07	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.89	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.12	13	PASS
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Band4	3MHz	16QAM	20385	1RB#0	4.03	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.11	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	2.83	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.18	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.17	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.62	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.09	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.40	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	3.68	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.94	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.21	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.40	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	3.99	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.13	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	2.81	13	PASS

Band4	10MHz	QPSK	20000	50RB#0	4.39	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.18	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.77	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.17	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.56	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	3.66	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.15	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.04	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.54	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.08	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.32	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	8.16	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.56	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.13	13	PASS
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Band4	15MHz	16QAM	20175	75RB#0	5.42	13	PASS
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Band4	15MHz	16QAM	20325	75RB#0	5.29	13	PASS
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Band4	20MHz	QPSK	20175	1RB#0	3.06	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.60	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.19	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.55	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	3.66	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.27	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.02	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.38	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.21	13	PASS
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Test Graphs

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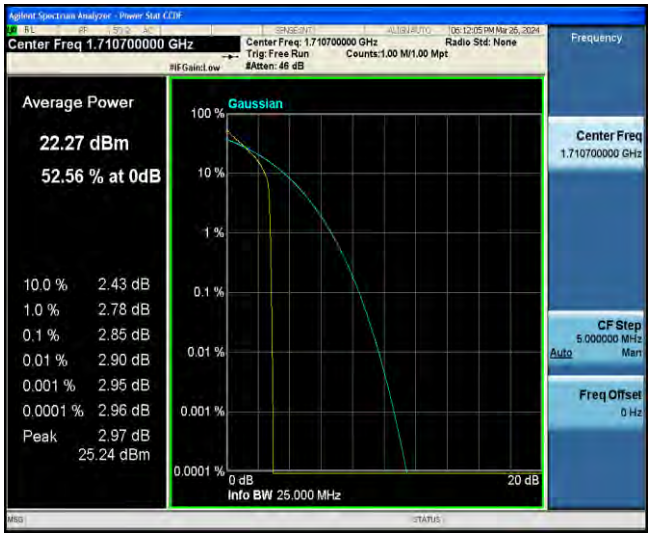

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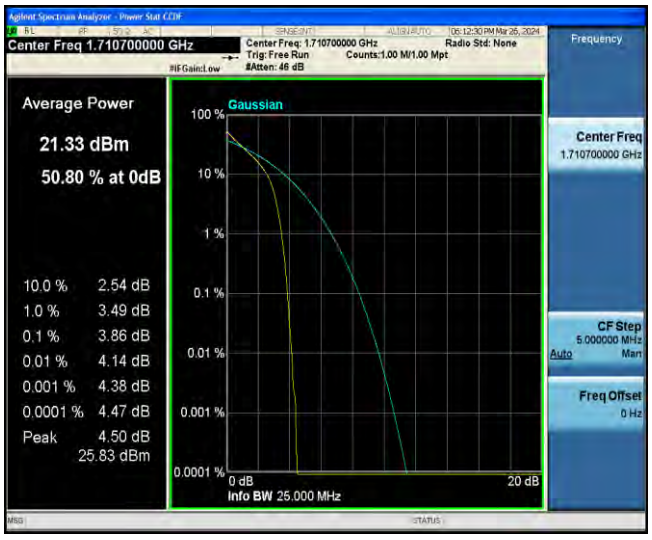

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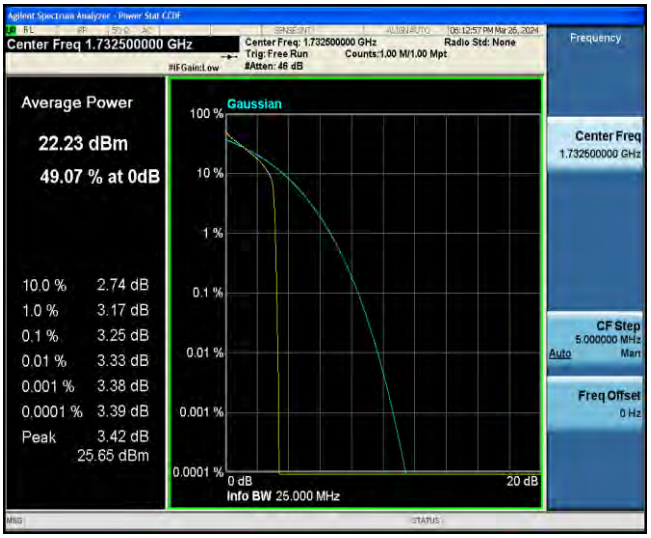

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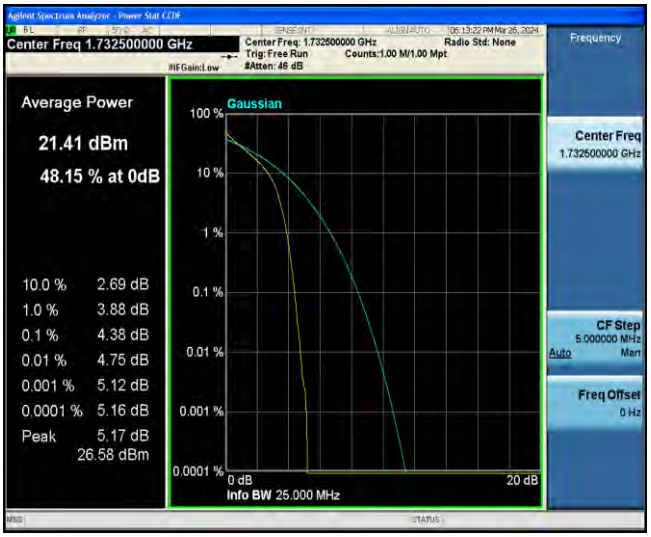

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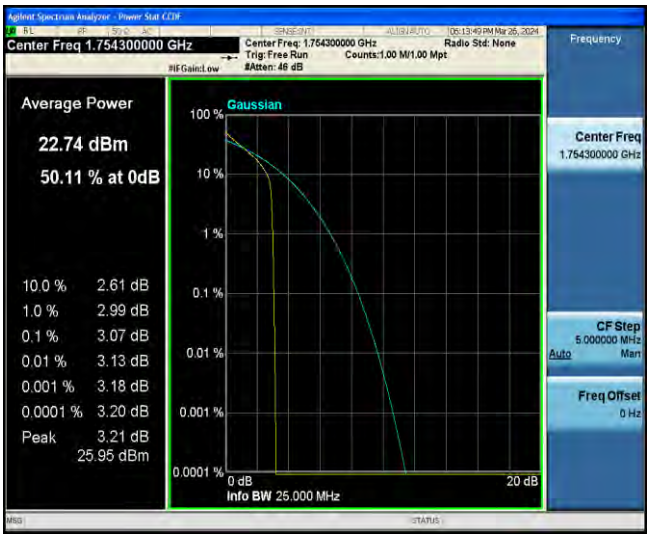

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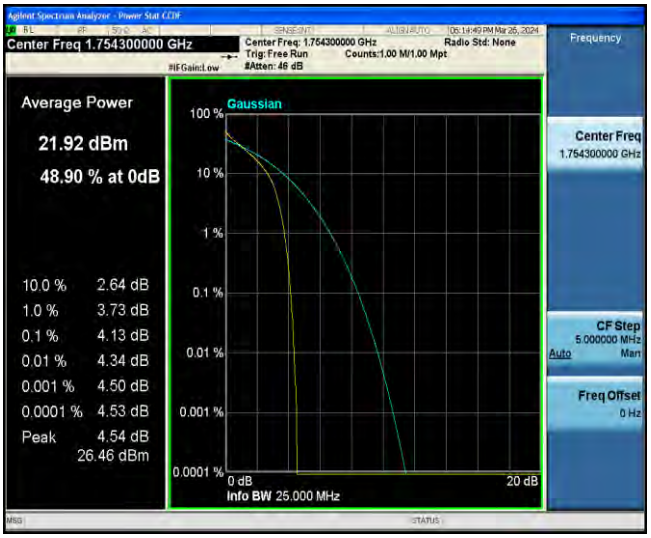

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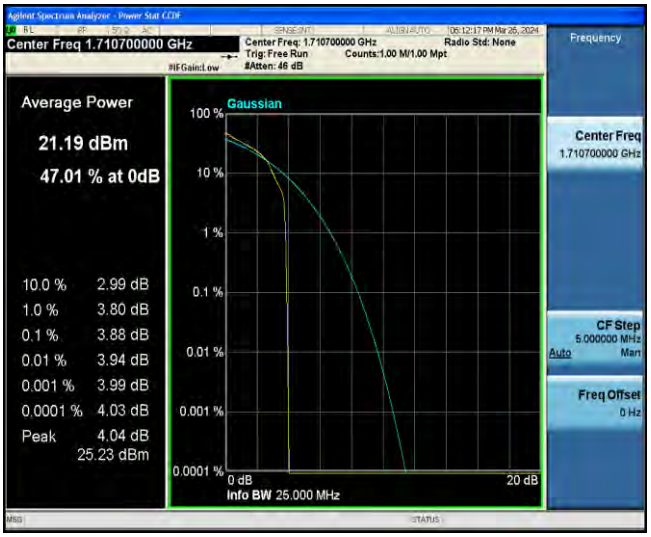

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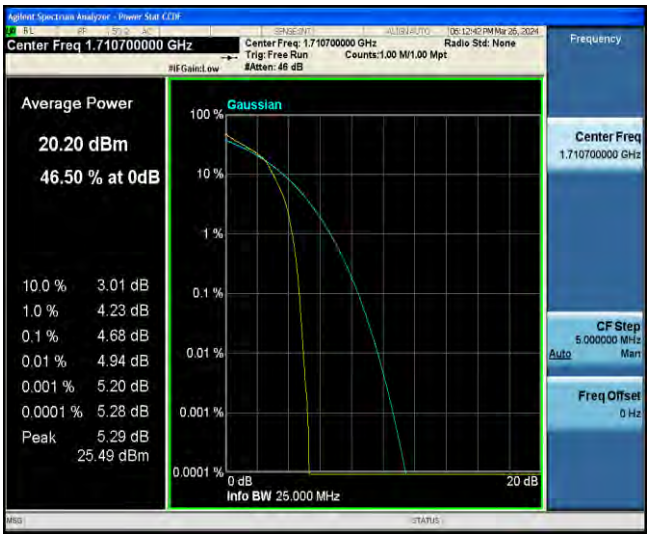

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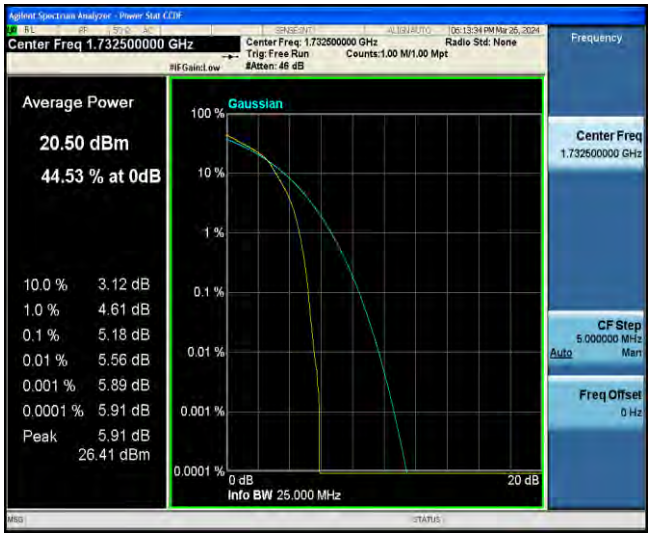

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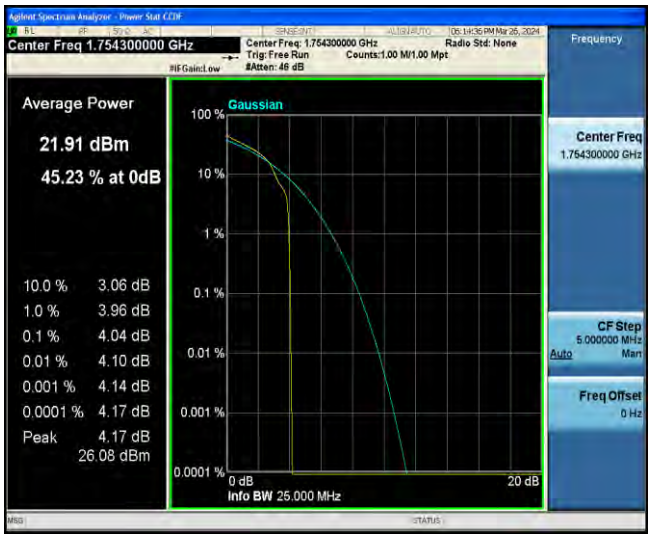

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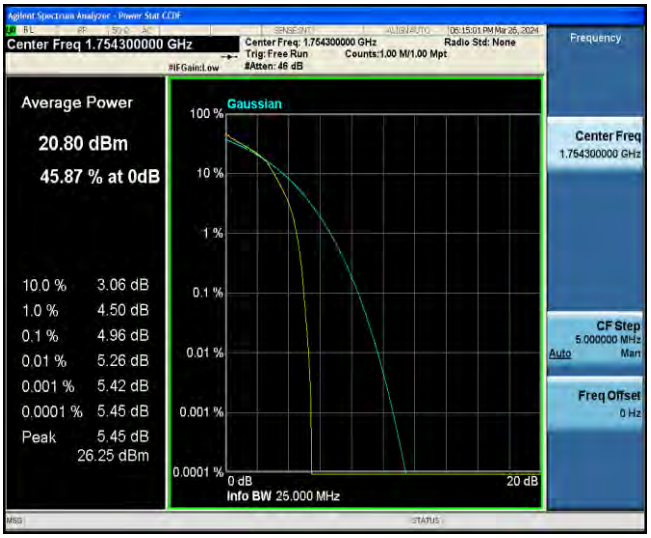

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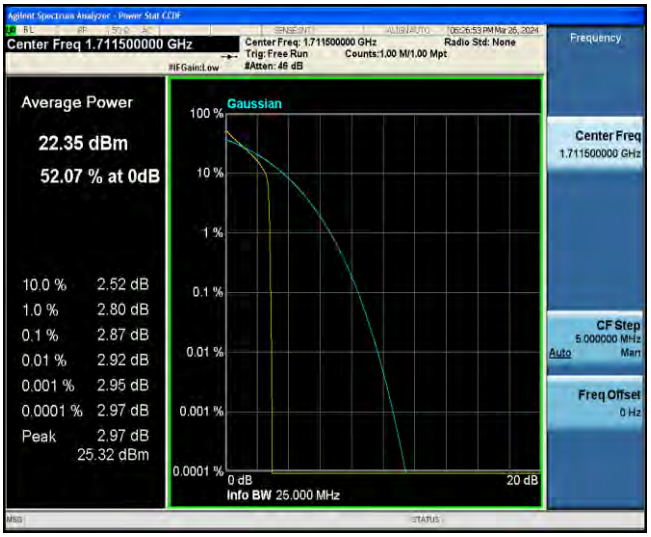

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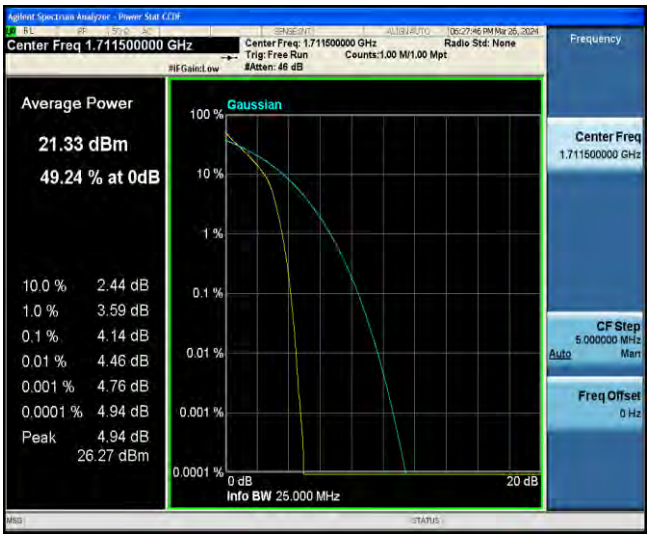

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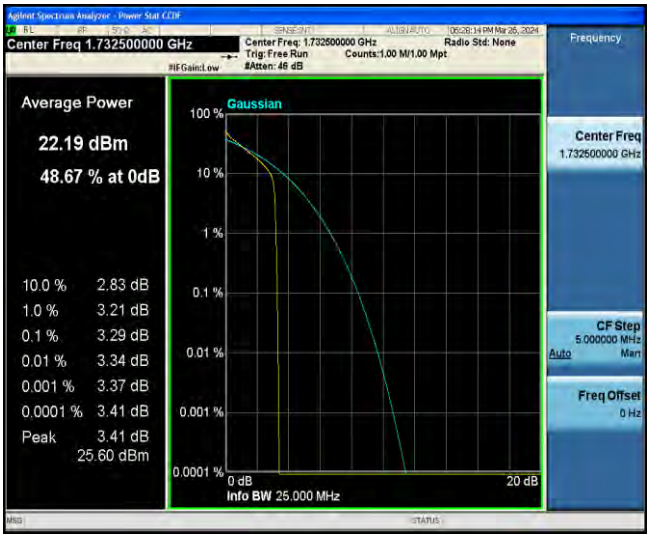

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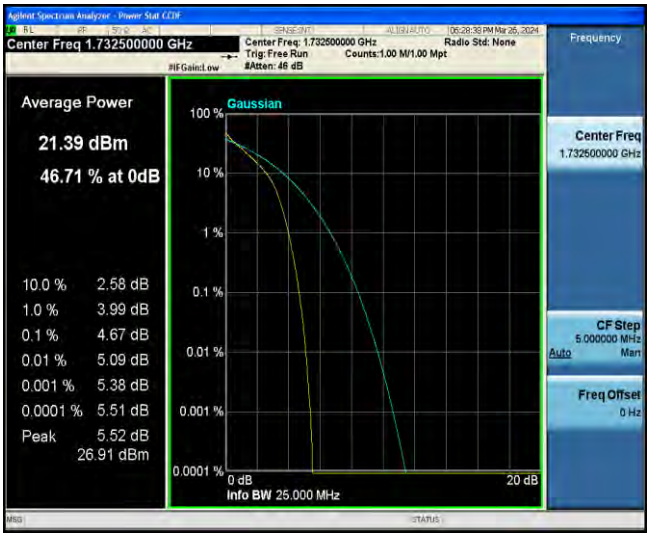

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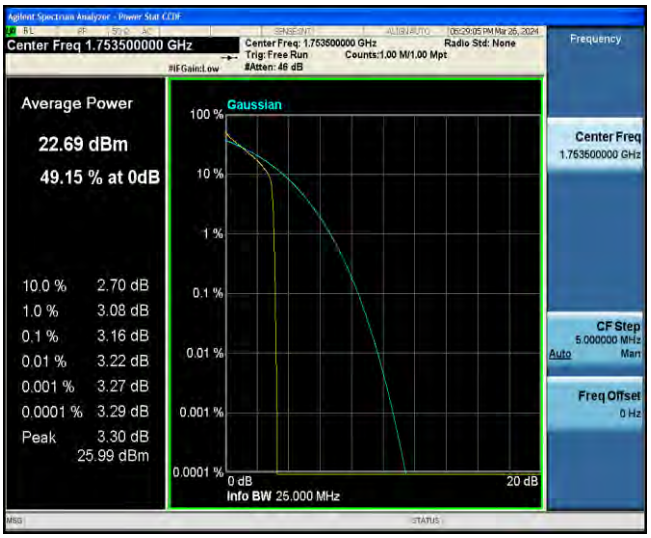

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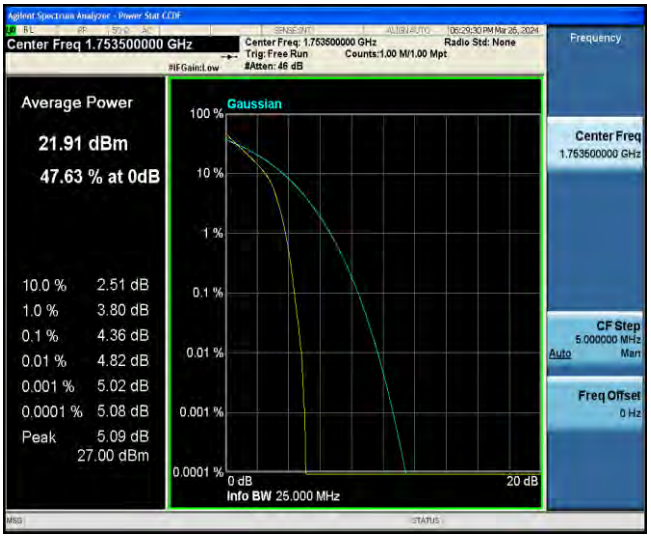

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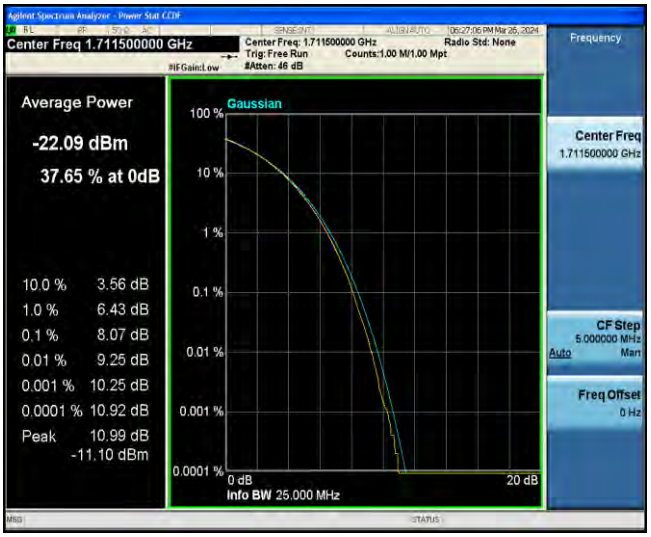

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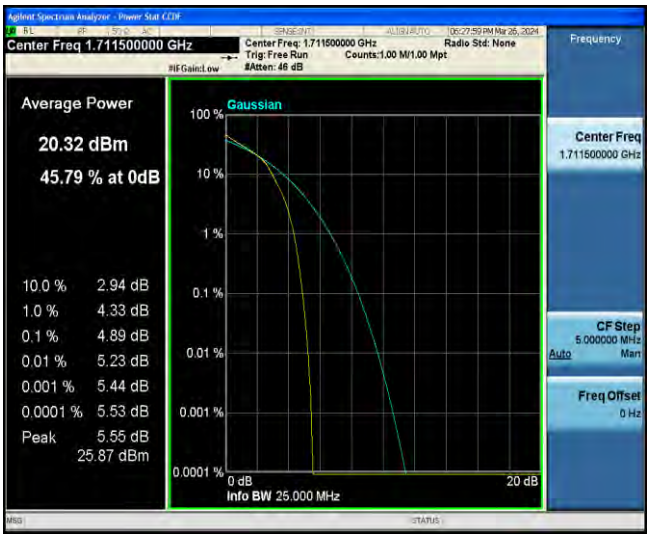

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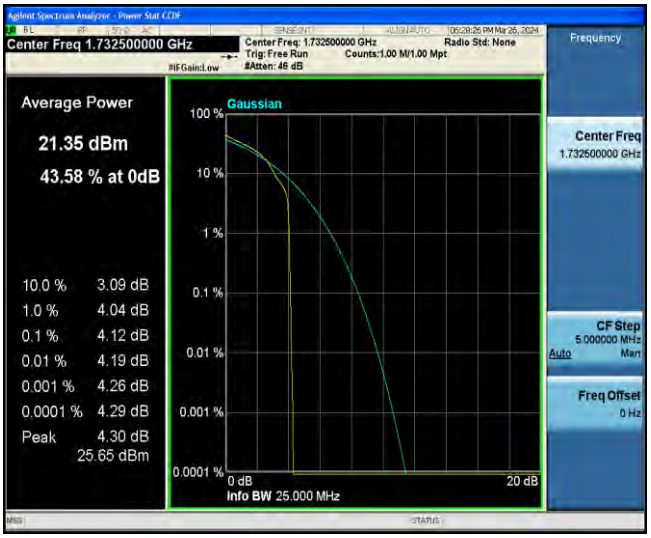

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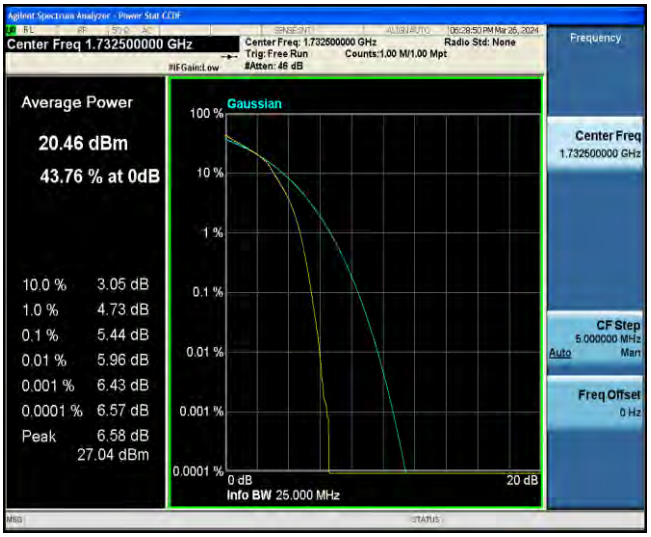

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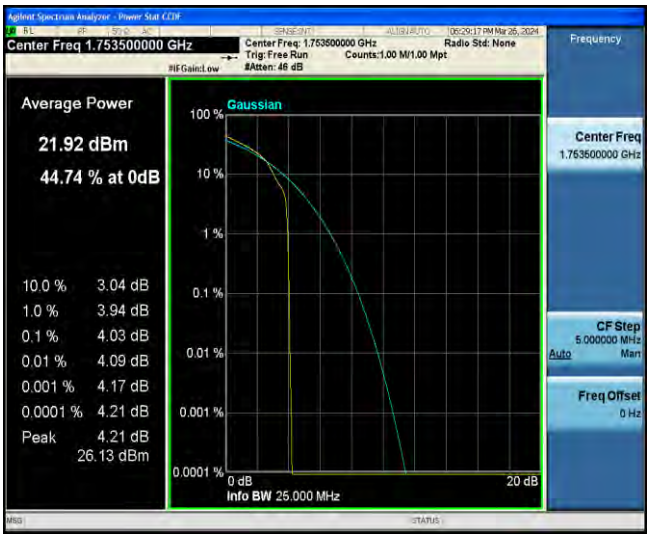

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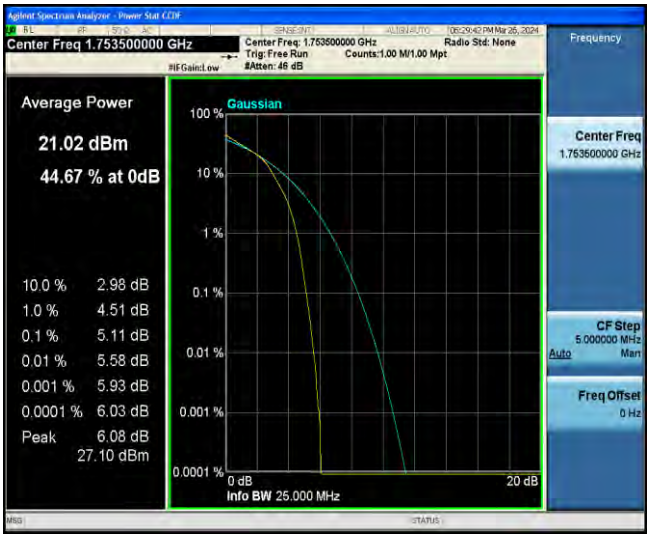

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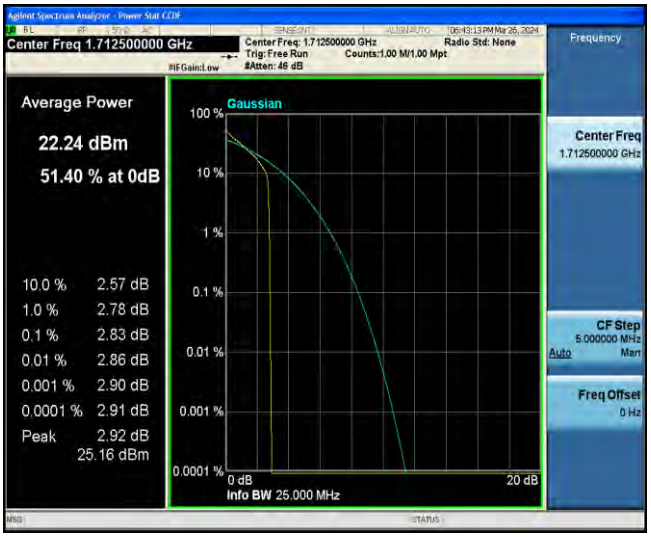

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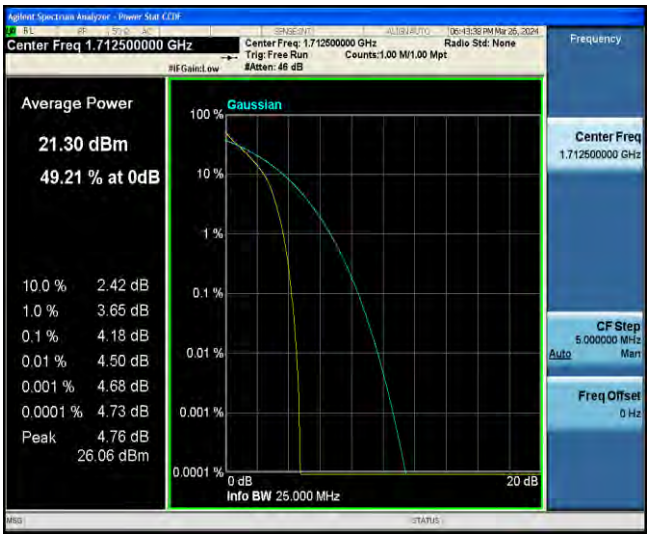

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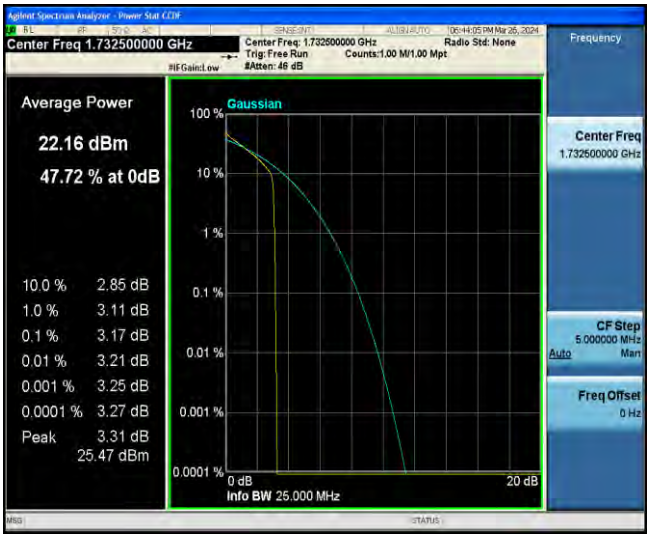

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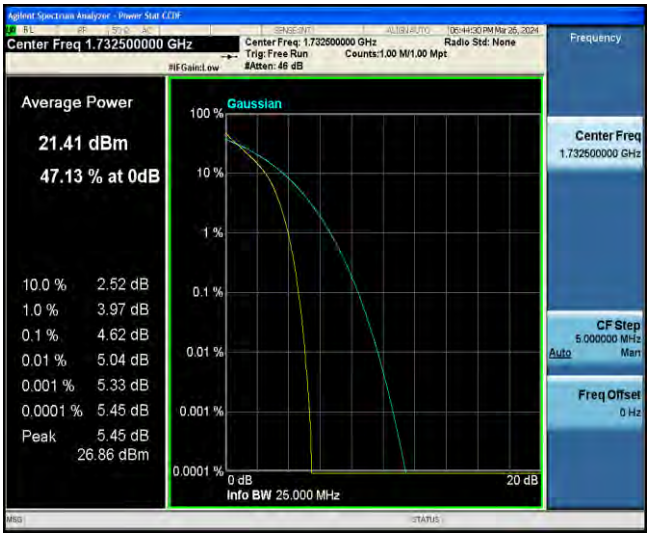

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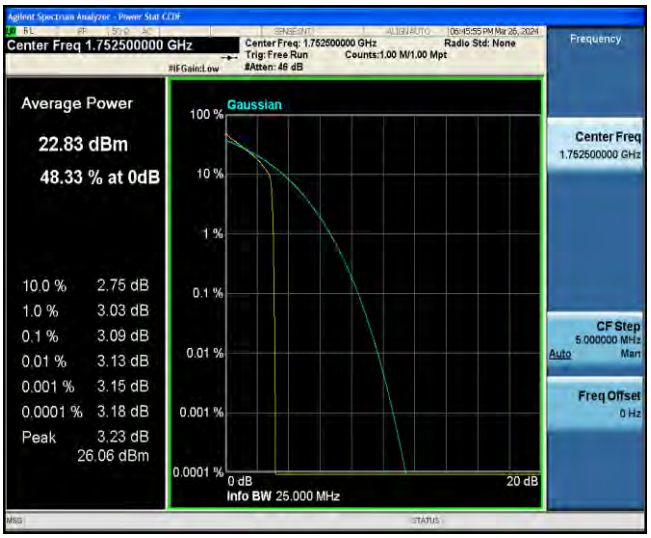

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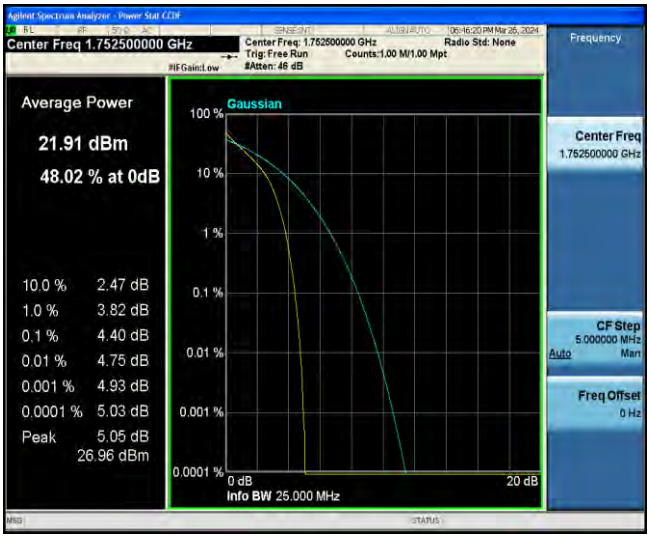

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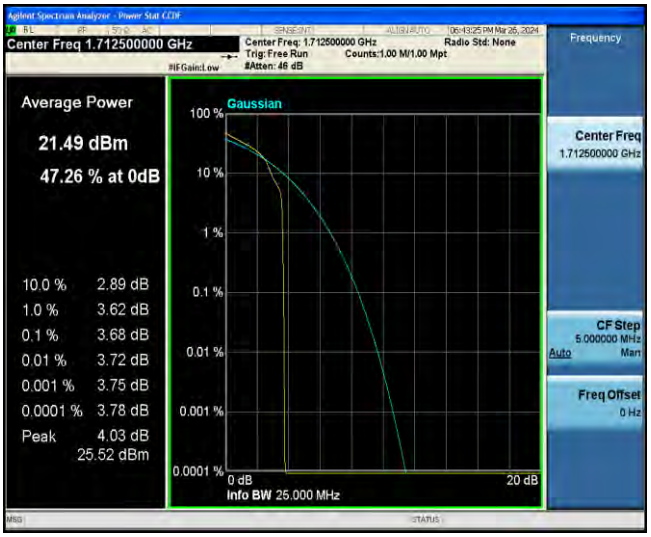

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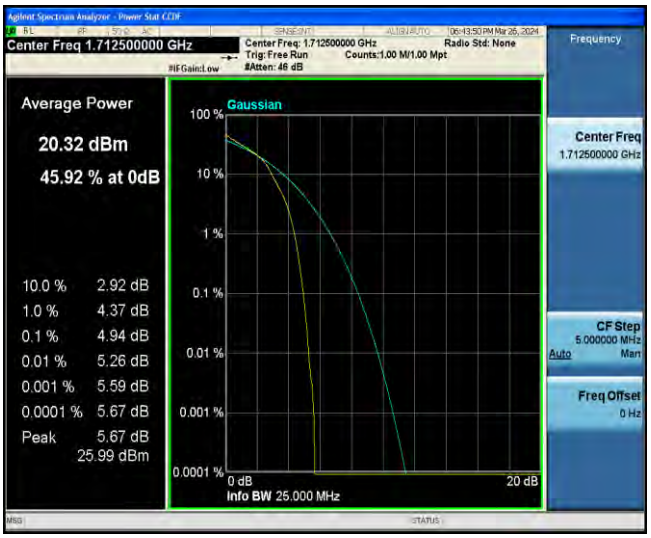

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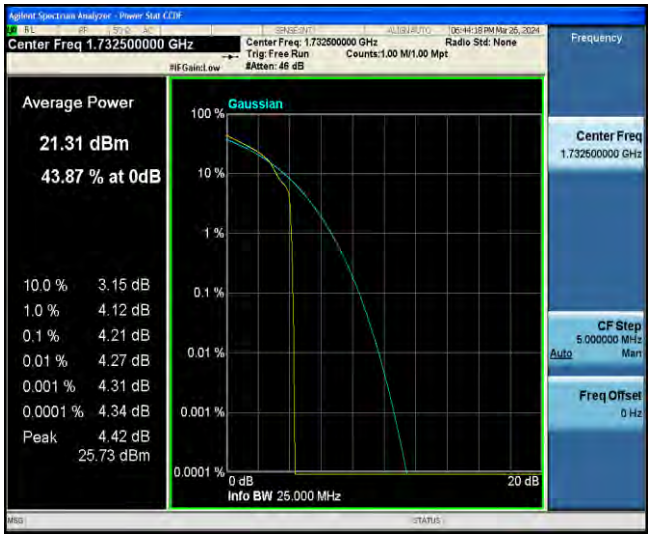

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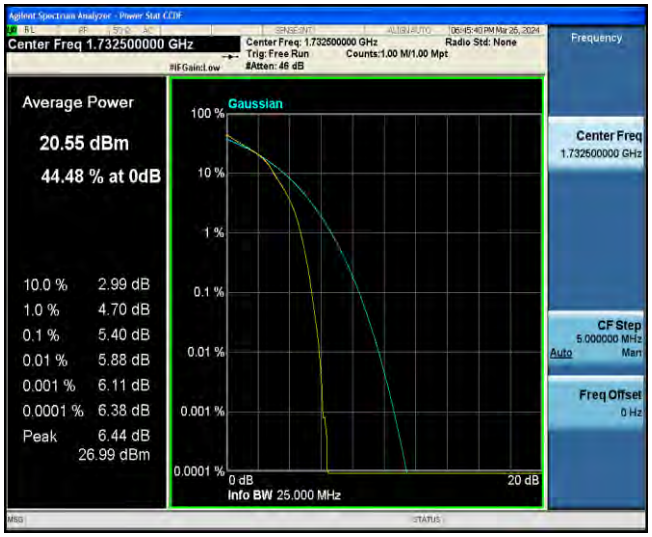

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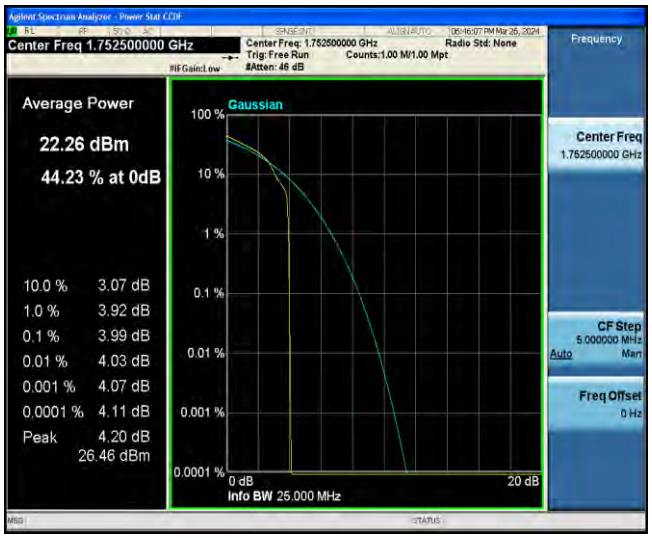

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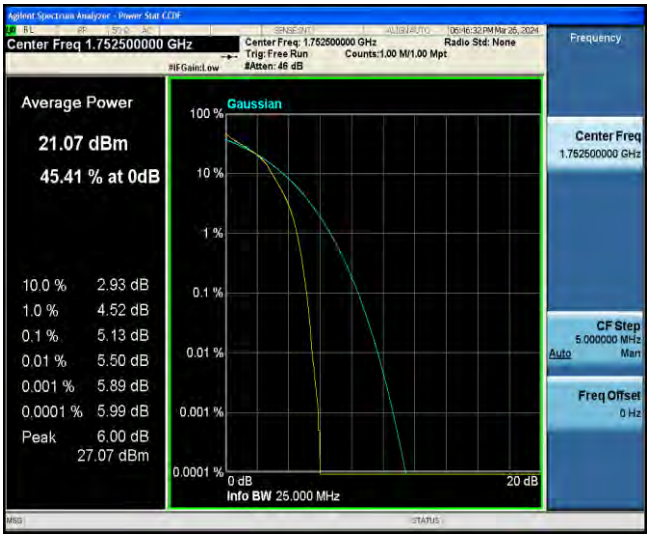

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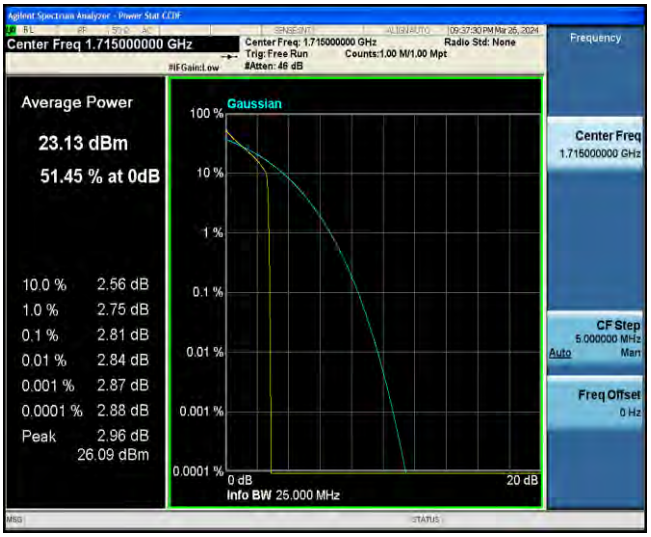

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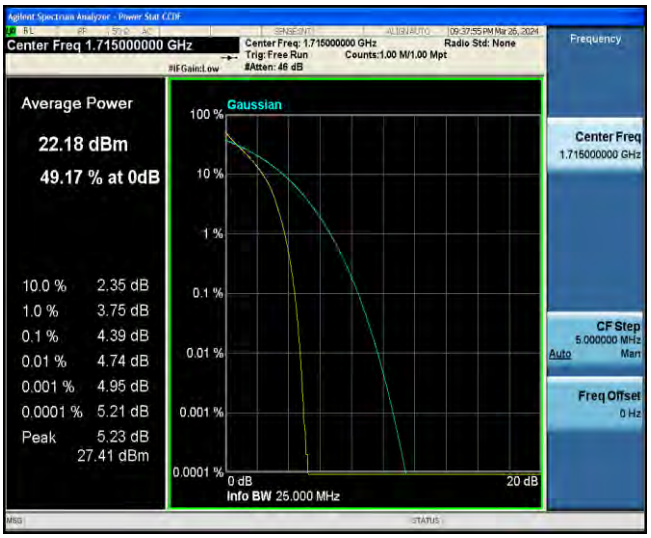

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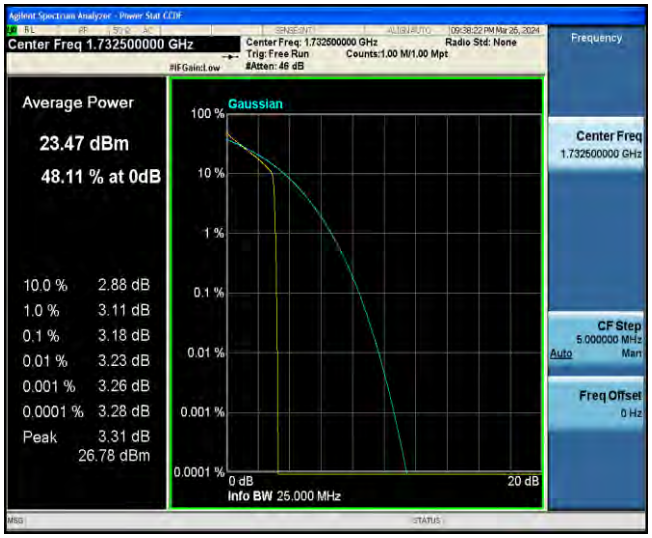

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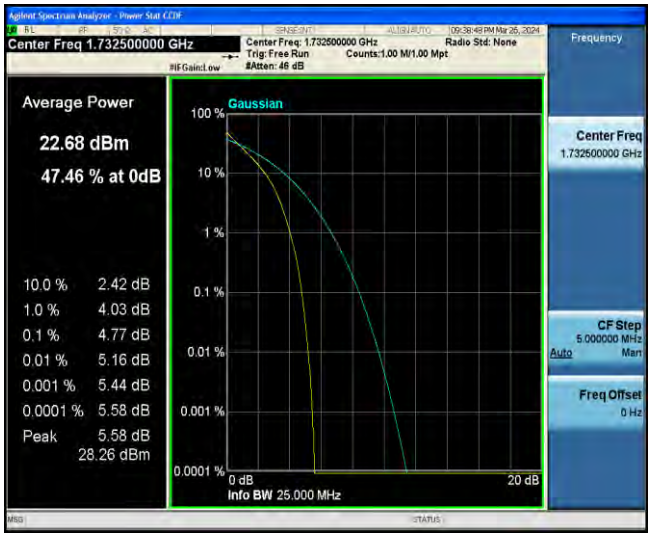

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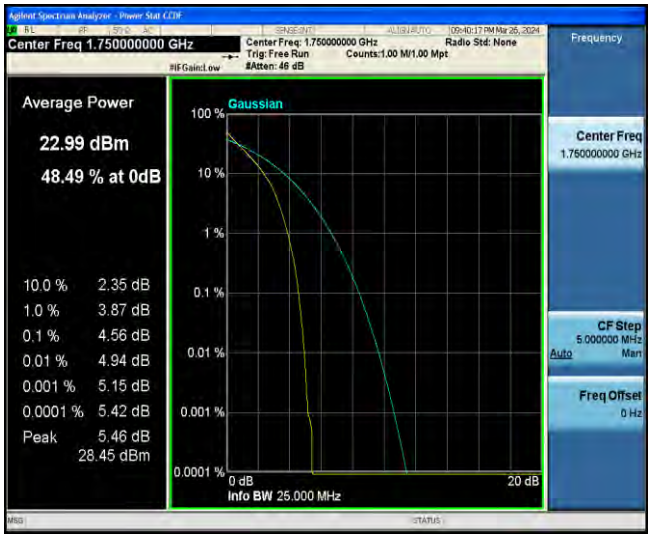
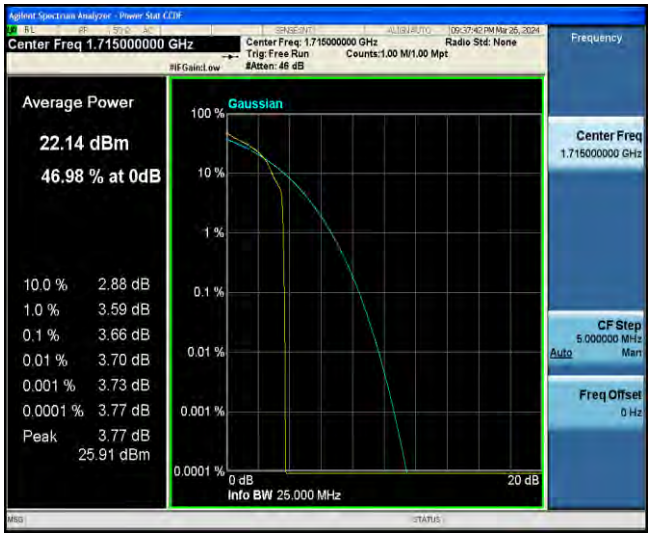
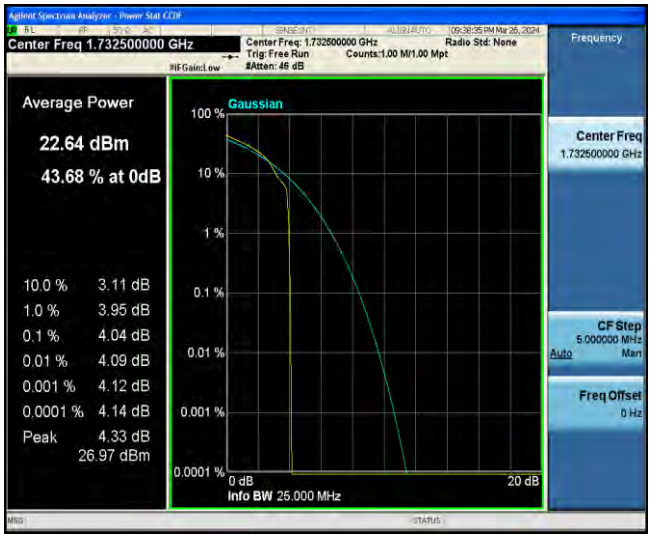


Band4-10MHz-16QAM-20000-1RB#0

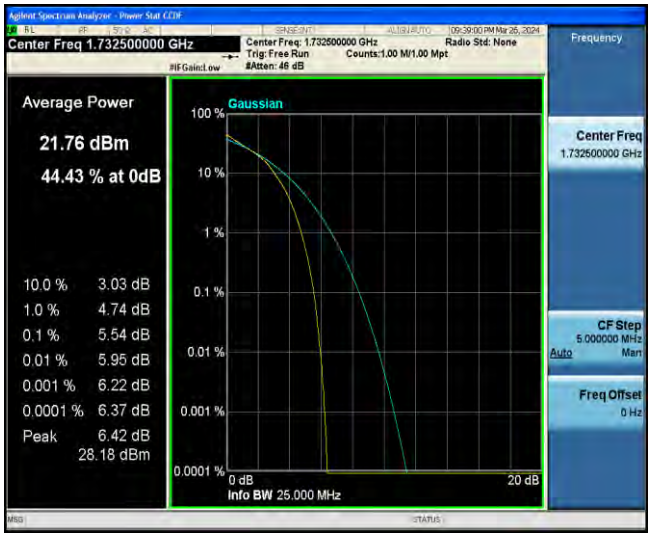


Band4-10MHz-16QAM-20000-50RB#0

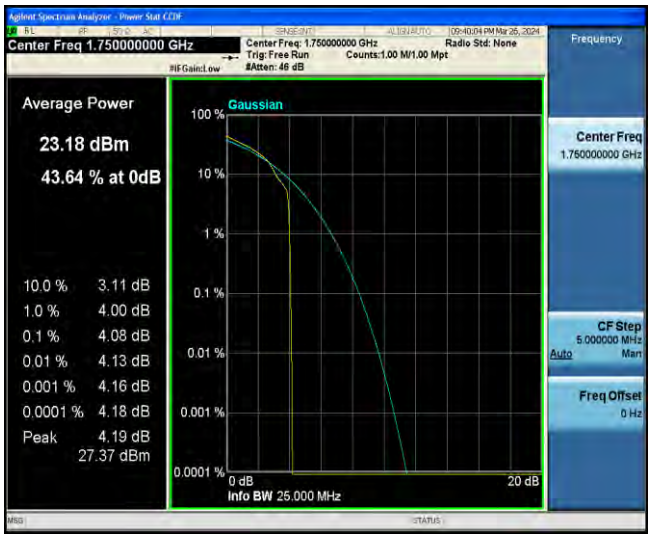
Band4-10MHz-16QAM-20175-1RB#0



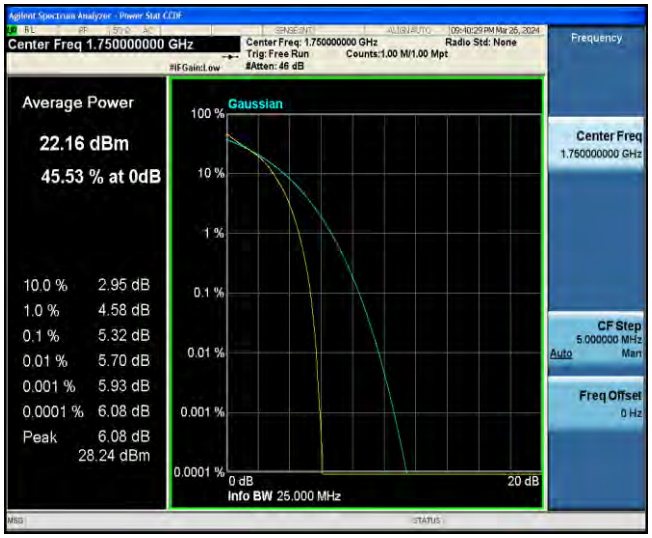
Band4-10MHz-16QAM-20175-50RB#0



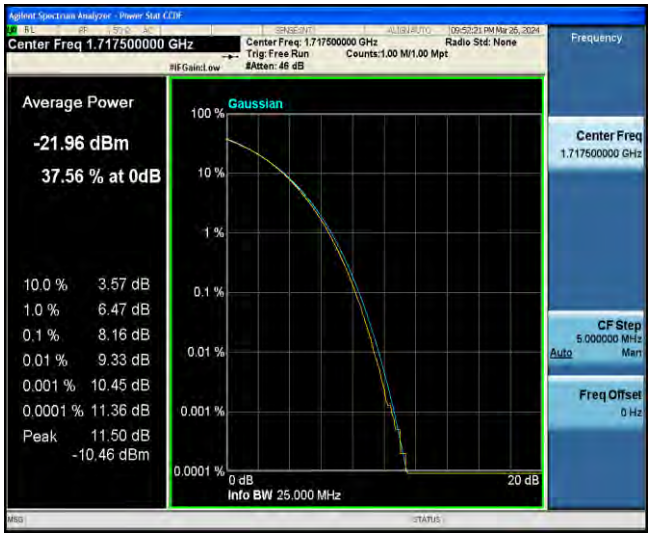
Band4-10MHz-16QAM-20350-1RB#0



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

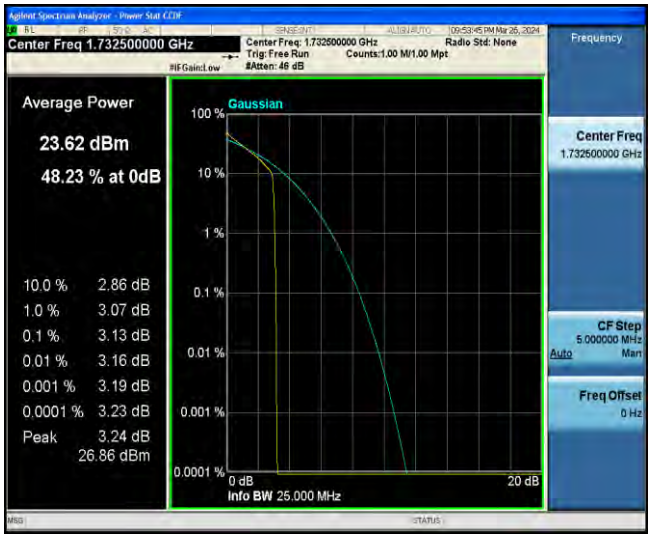


Band4-15MHz-QPSK-20025-1RB#0

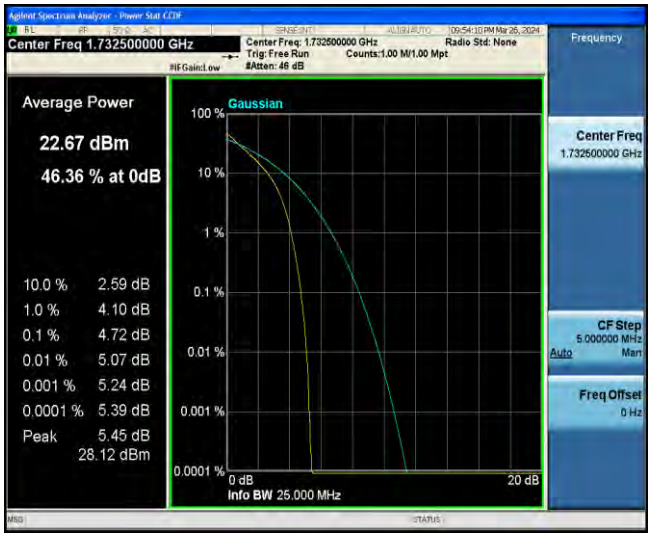


Band4-15MHz-QPSK-20025-75RB#0

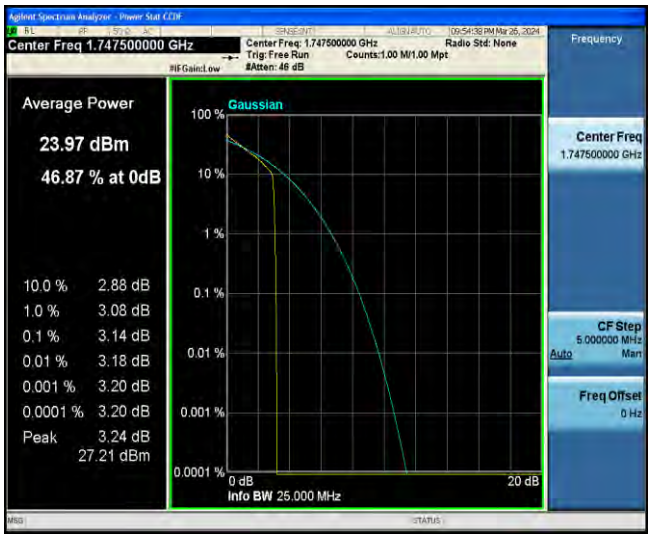
Band4-15MHz-QPSK-20175-1RB#0



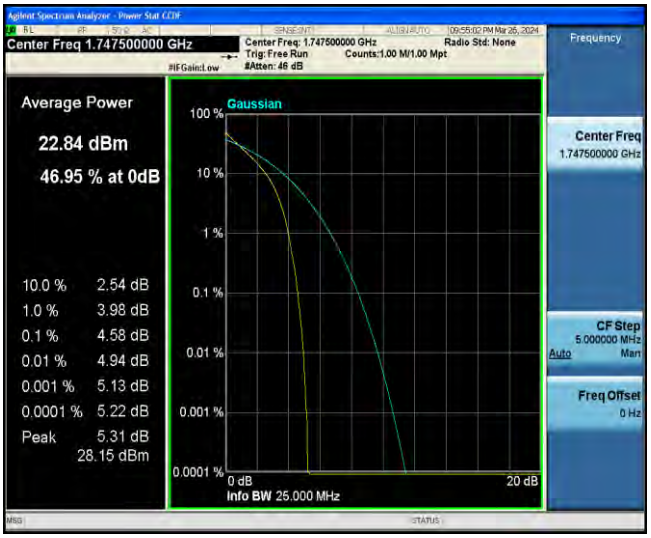
Band4-15MHz-QPSK-20175-75RB#0



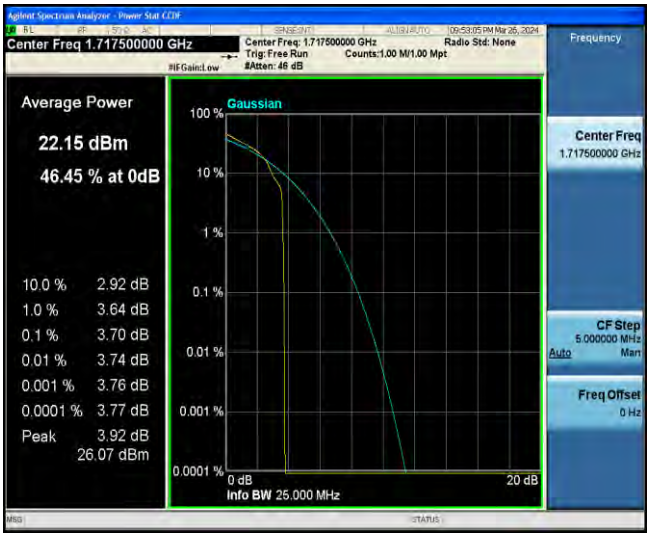
Band4-15MHz-QPSK-20325-1RB#0



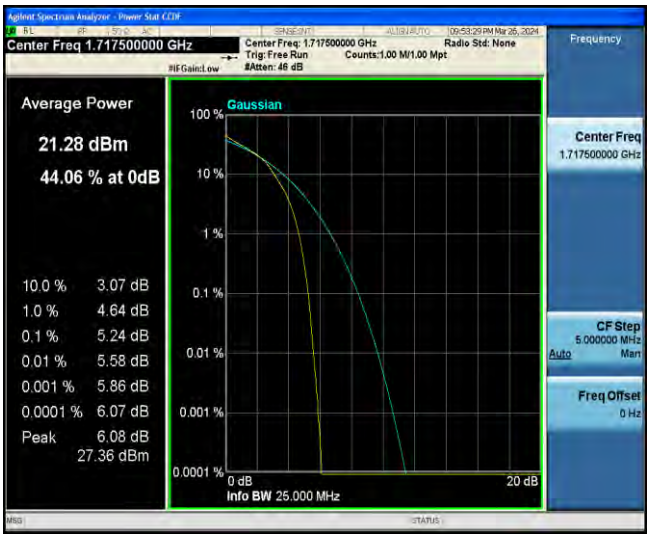
Band4-15MHz-QPSK-20325-75RB#0



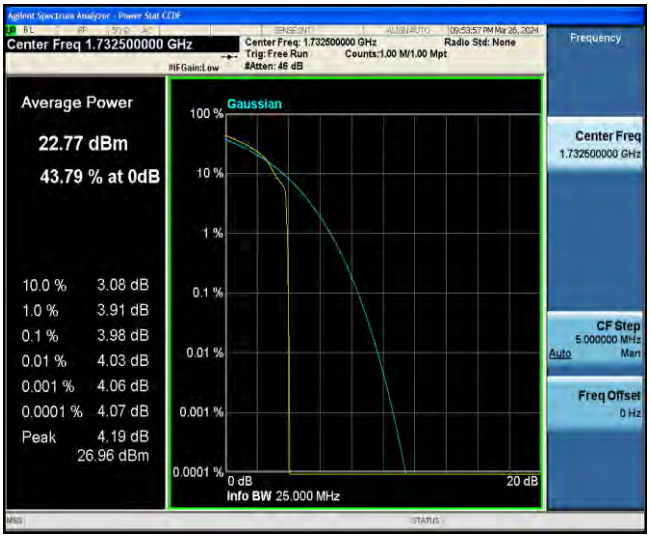
Band4-15MHz-16QAM-20025-1RB#0



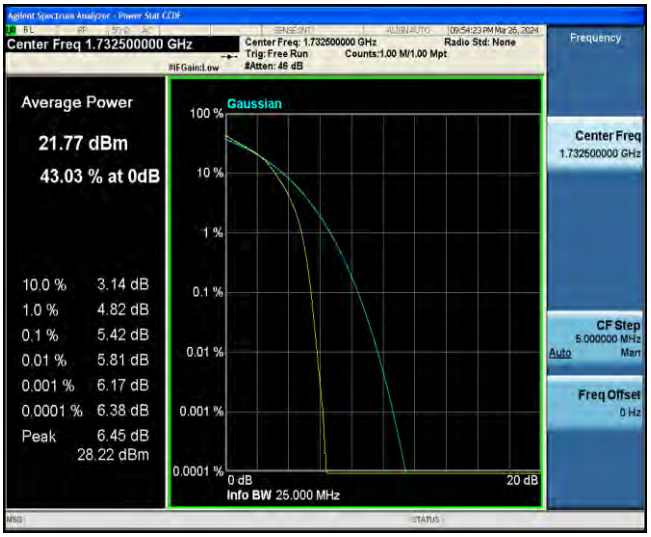
Band4-15MHz-16QAM-20025-75RB#0



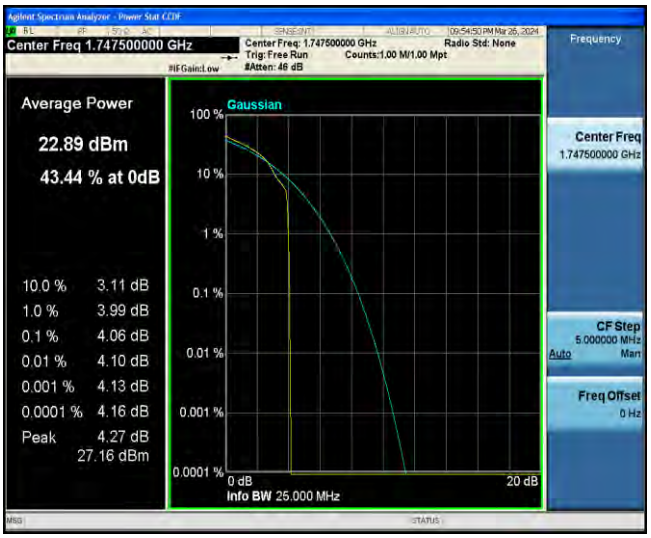
Band4-15MHz-16QAM-20175-1RB#0



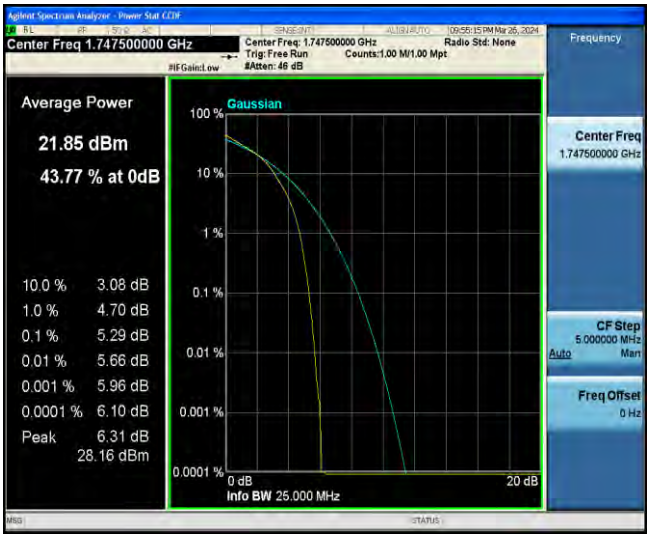
Band4-15MHz-16QAM-20175-75RB#0



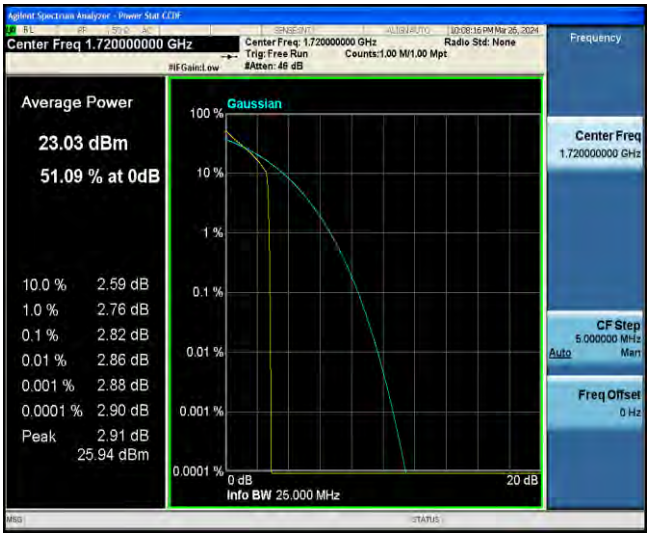
Band4-15MHz-16QAM-20325-1RB#0



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



Band4-20MHz-QPSK-20050-1RB#0



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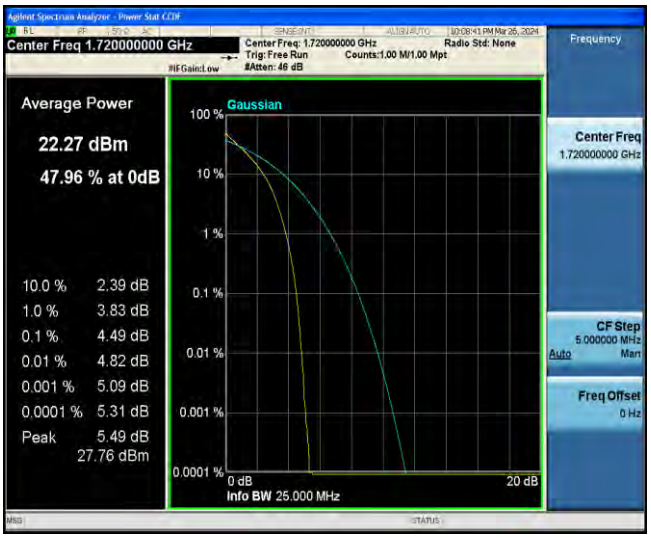
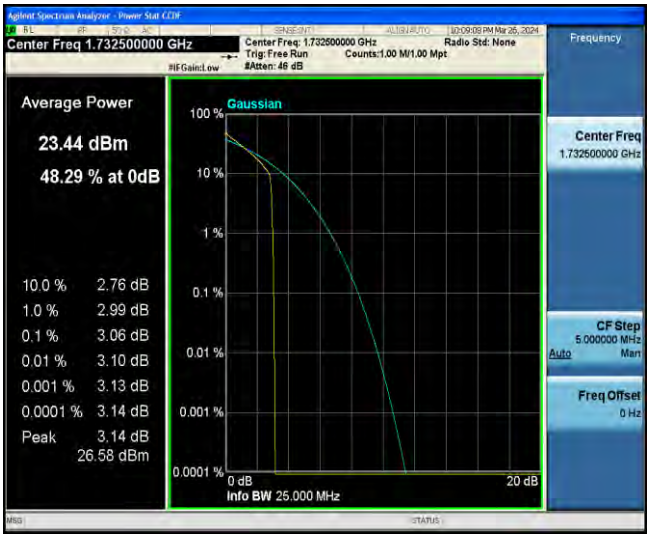
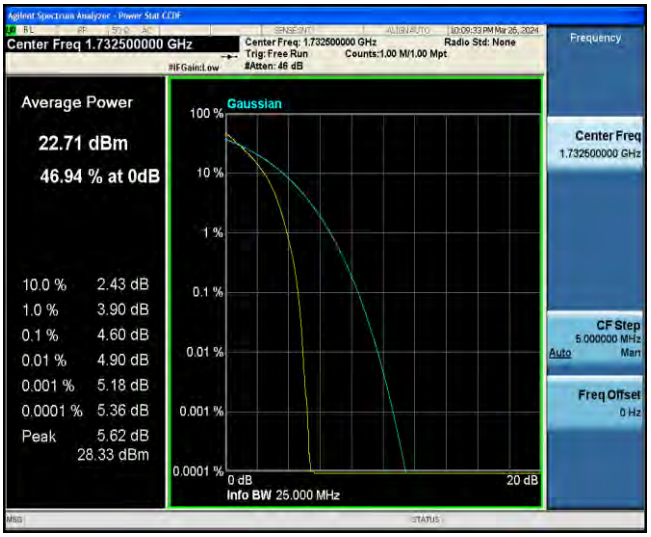


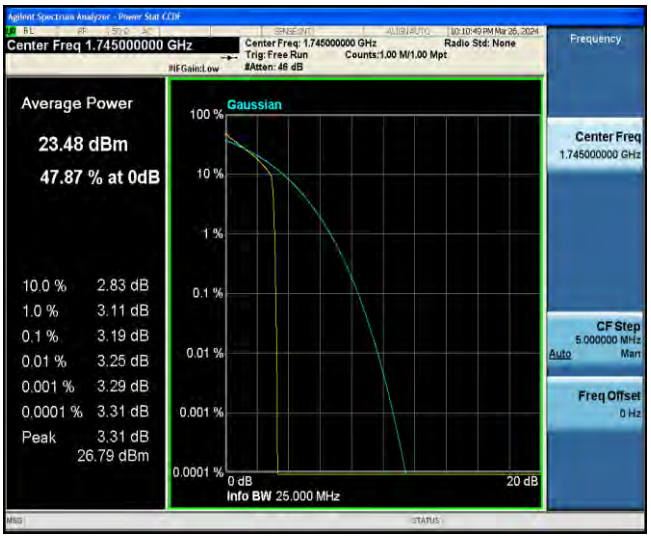
Band4-20MHz-QPSK-20175-1RB#0



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



Band4-20MHz-QPSK-20300-1RB#0

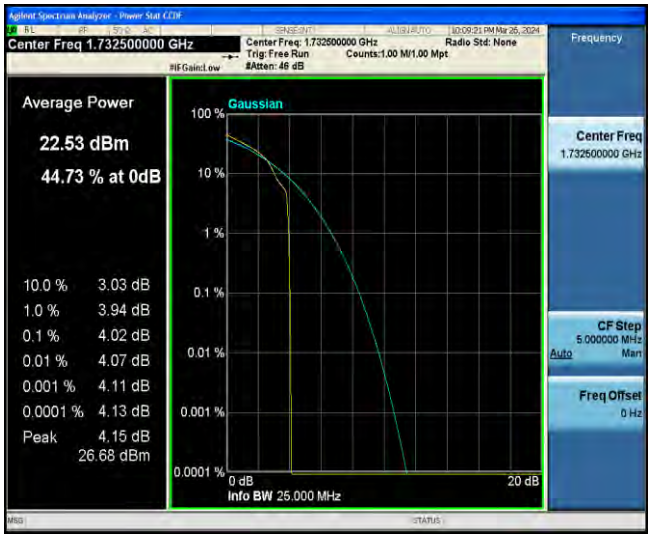


Band4-20MHz-QPSK-20300-100RB#0

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

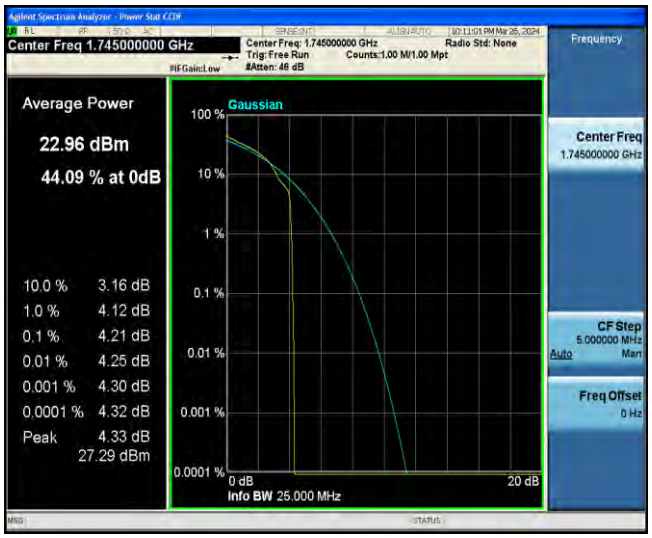
Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20175-1RB#0

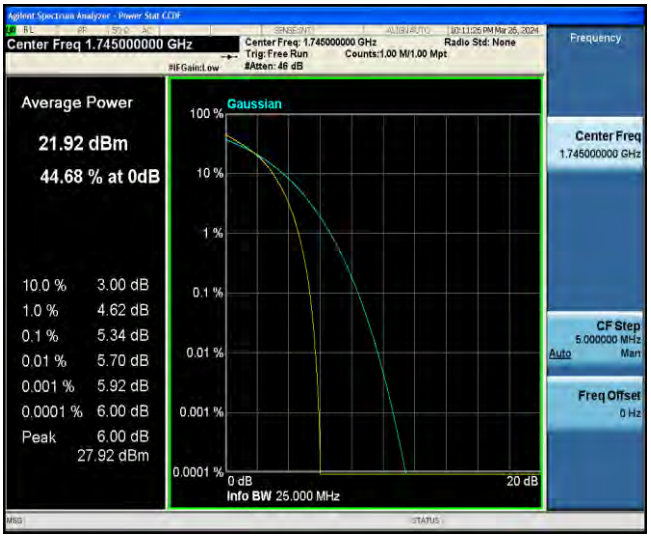


Band4-20MHz-16QAM-20175-100RB#0

Band4-20MHz-16QAM-20300-1RB#0



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
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
21.92 dBm
44.68 % at 0dB
10.0 % 3.00 dB
1.0 % 4.62 dB
0.1 % 5.34 dB
0.01 % 5.70 dB
0.001 % 5.92 dB
0.0001 % 6.00 dB
Peak 6.00 dB
27.92 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
Man
Freq Offset
0 Hz

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	1.0909	1.276	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0894	1.272	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0916	1.278	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0881	1.279	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0912	1.267	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0876	1.227	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6996	2.932	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6895	2.927	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6990	2.902	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6885	2.918	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6899	2.899	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6926	2.890	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5028	4.928	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4984	4.907	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5002	4.903	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5052	4.896	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5025	4.881	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5041	4.909	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9697	9.633	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9598	9.552	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9604	9.603	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9602	9.575	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9452	9.539	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9483	9.526	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.454	14.39	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.439	14.31	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.425	14.29	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.437	14.29	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.443	14.28	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.411	14.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.923	19.01	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.913	18.95	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.892	18.98	PASS

Band4	20MHz	16QAM	20050	100RB#0	17.910	18.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.912	18.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.886	18.97	PASS

Test Graphs

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Band4-15MHz-QPSK-20175-75RB#0

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

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

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

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

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

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

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

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 7.3 dB
10 dB/div
Ref 35.00 dBm
Center 1.745 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
Occupied Bandwidth
17.886 MHz
Total Power 22.7 dBm
Transmit Freq Error 23.269 kHz
OBW Power 99.00 %
x dB Bandwidth 18.97 MHz
x dB -26.00 dB
Center Freq
1.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-16.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-38.71	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-20.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-36.52	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-18.13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-20.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-18.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-38.04	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-22.36	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-36.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-16.10	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-21.92	PASS
Band4	3MHz	QPSK	19965	1RB#0	-13.11	PASS
Band4	3MHz	QPSK	19965	1RB#14	-41.45	PASS
Band4	3MHz	QPSK	19965	15RB#0	-19.32	PASS
Band4	3MHz	QPSK	20385	1RB#0	-41.29	PASS
Band4	3MHz	QPSK	20385	1RB#14	-14.23	PASS
Band4	3MHz	QPSK	20385	15RB#0	-20.73	PASS
Band4	3MHz	16QAM	19965	1RB#0	-14.01	PASS
Band4	3MHz	16QAM	19965	1RB#14	-42.19	PASS
Band4	3MHz	16QAM	19965	15RB#0	-22.62	PASS
Band4	3MHz	16QAM	20385	1RB#0	-41.66	PASS
Band4	3MHz	16QAM	20385	1RB#14	-13.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	-22.24	PASS
Band4	5MHz	QPSK	19975	1RB#0	-17.30	PASS
Band4	5MHz	QPSK	19975	1RB#24	-50.03	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.83	PASS
Band4	5MHz	QPSK	20375	1RB#0	-49.85	PASS
Band4	5MHz	QPSK	20375	1RB#24	-16.22	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.18	PASS
Band4	5MHz	16QAM	19975	1RB#0	-19.46	PASS
Band4	5MHz	16QAM	19975	1RB#24	-50.12	PASS
Band4	5MHz	16QAM	19975	25RB#0	-25.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	-50.60	PASS
Band4	5MHz	16QAM	20375	1RB#24	-16.70	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.40	PASS

Band4	10MHz	QPSK	20000	1RB#0	-18.80	PASS
Band4	10MHz	QPSK	20000	1RB#49	-38.81	PASS
Band4	10MHz	QPSK	20000	50RB#0	-21.99	PASS
Band4	10MHz	QPSK	20350	1RB#0	-38.02	PASS
Band4	10MHz	QPSK	20350	1RB#49	-19.78	PASS
Band4	10MHz	QPSK	20350	50RB#0	-21.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	-18.79	PASS
Band4	10MHz	16QAM	20000	1RB#49	-38.52	PASS
Band4	10MHz	16QAM	20000	50RB#0	-23.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	-38.50	PASS
Band4	10MHz	16QAM	20350	1RB#49	-17.48	PASS
Band4	10MHz	16QAM	20350	50RB#0	-23.90	PASS
Band4	15MHz	QPSK	20025	1RB#0	-18.65	PASS
Band4	15MHz	QPSK	20025	1RB#74	-38.28	PASS
Band4	15MHz	QPSK	20025	75RB#0	-22.95	PASS
Band4	15MHz	QPSK	20325	1RB#0	-36.37	PASS
Band4	15MHz	QPSK	20325	1RB#74	-18.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	-23.77	PASS
Band4	15MHz	16QAM	20025	1RB#0	-19.06	PASS
Band4	15MHz	16QAM	20025	1RB#74	-37.54	PASS
Band4	15MHz	16QAM	20025	75RB#0	-26.07	PASS
Band4	15MHz	16QAM	20325	1RB#0	-36.96	PASS
Band4	15MHz	16QAM	20325	1RB#74	-19.22	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.29	PASS
Band4	20MHz	QPSK	20050	1RB#0	-20.54	PASS
Band4	20MHz	QPSK	20050	1RB#99	-41.99	PASS
Band4	20MHz	QPSK	20050	100RB#0	-25.34	PASS
Band4	20MHz	QPSK	20300	1RB#0	-41.82	PASS
Band4	20MHz	QPSK	20300	1RB#99	-21.13	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.17	PASS
Band4	20MHz	16QAM	20050	1RB#0	-21.67	PASS
Band4	20MHz	16QAM	20050	1RB#99	-42.62	PASS
Band4	20MHz	16QAM	20050	100RB#0	-26.97	PASS
Band4	20MHz	16QAM	20300	1RB#0	-41.63	PASS
Band4	20MHz	16QAM	20300	1RB#99	-22.47	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.11	PASS

Test Graphs

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

Band4-1.4MHz-QPSK-19957-1RB#5

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

Band4-1.4MHz-QPSK-20393-1RB#0

Band4-1.4MHz-QPSK-20393-1RB#5

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

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

Band4-1.4MHz-16QAM-19957-1RB#5

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

Band4-1.4MHz-16QAM-20393-1RB#0

Band4-1.4MHz-16QAM-20393-1RB#5

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

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

Band4-3MHz-QPSK-19965-1RB#14

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

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

Band4-3MHz-QPSK-20385-1RB#14

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

Band4-3MHz-16QAM-19965-1RB#0

Band4-3MHz-16QAM-19965-1RB#14

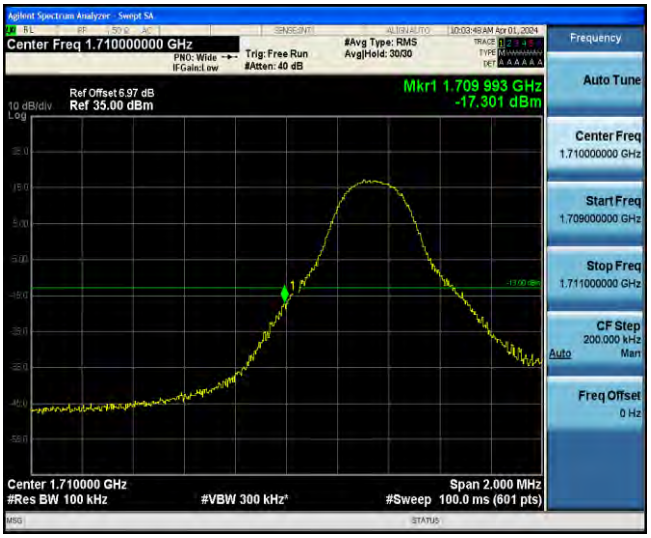
Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20385-1RB#0

Band4-3MHz-16QAM-20385-1RB#14

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

Band4-5MHz-QPSK-19975-1RB#0

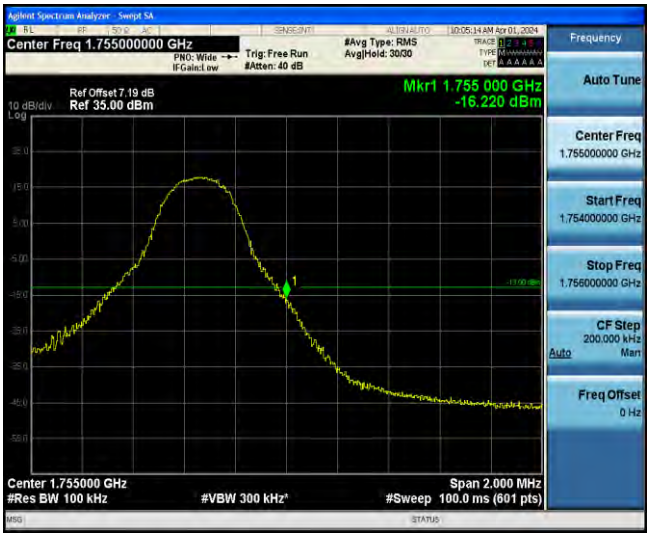


Band4-5MHz-QPSK-19975-1RB#24

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

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

Band4-5MHz-QPSK-20375-1RB#24



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

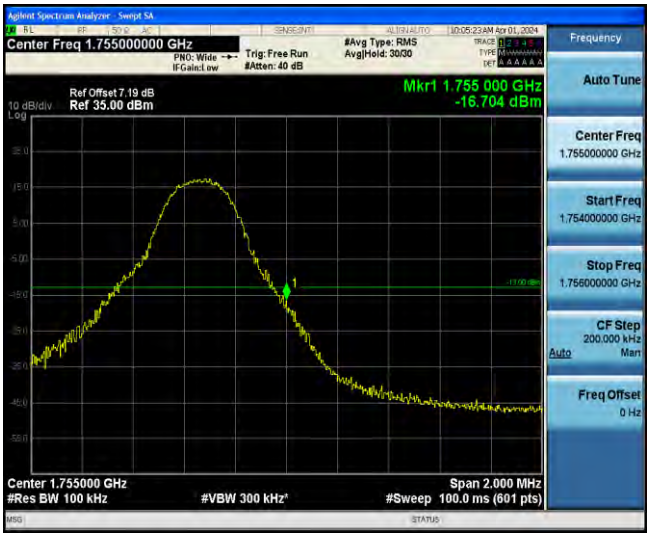
Band4-5MHz-16QAM-19975-1RB#0

Band4-5MHz-16QAM-19975-1RB#24

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

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

Band4-5MHz-16QAM-20375-1RB#24



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

Band4-10MHz-QPSK-20000-1RB#0

Band4-10MHz-QPSK-20000-1RB#49

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

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

Band4-10MHz-QPSK-20350-1RB#49

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

Band4-10MHz-16QAM-20000-1RB#0

Band4-10MHz-16QAM-20000-1RB#49

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

Band4-10MHz-16QAM-20350-1RB#0

Band4-10MHz-16QAM-20350-1RB#49

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

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

Band4-15MHz-QPSK-20025-1RB#74

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

Band4-15MHz-QPSK-20325-1RB#0

Band4-15MHz-QPSK-20325-1RB#74

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

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

Band4-15MHz-16QAM-20025-1RB#74

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

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

Band4-15MHz-16QAM-20325-1RB#74

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

Band4-20MHz-QPSK-20050-1RB#0

Band4-20MHz-QPSK-20050-1RB#99

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

Band4-20MHz-QPSK-20300-1RB#0

Band4-20MHz-QPSK-20300-1RB#99

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

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

Band4-20MHz-16QAM-20050-1RB#99

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

Band4-20MHz-16QAM-20300-1RB#0

Band4-20MHz-16QAM-20300-1RB#99

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

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-38.06	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-39.08	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.65	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.01	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-39.28	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-39	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-38.93	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.64	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-37.93	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-40.19	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-38.52	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-39.01	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-38.76	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.42	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.31	PASS
Band 4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-38.12	PASS
Band	3MHz	QPSK	20385	1RB#0	Range2:1000~20000M	-38.6	PAS

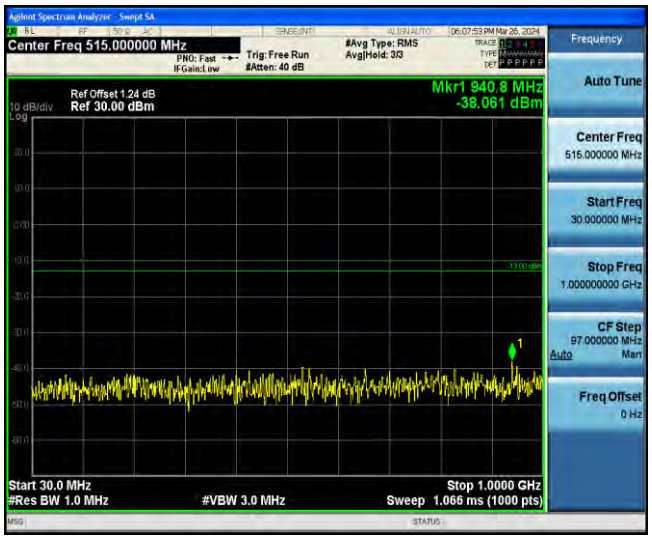
4					Hz	2	S
Band 4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-39.15	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-37.31	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.99	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-39.22	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-38.17	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-38.29	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.98	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.82	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-40.34	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-38.34	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-39.92	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-37.56	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.61	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.06	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-40.73	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-38.72	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-37.87	PASS
Band 4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.5	PASS

Band 4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.53	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-39.33	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-37.57	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-38.9	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-37.57	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.65	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-39.99	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-38.63	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-39.29	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-38.28	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.14	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.5	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-39.01	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-37.19	PASS
Band 4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-38.85	PASS
Band 4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-38.14	PASS
Band 4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.08	PASS
Band 4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.52	PASS
Band 4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-39	PASS
Band 4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-38.14	PASS
Band 4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-39.44	PASS

Band 4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-37.91	PASS
Band 4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.92	PASS
Band 4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.6	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-38.32	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-37.64	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-39.56	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-38.18	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.37	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-39.8	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-37.19	PASS

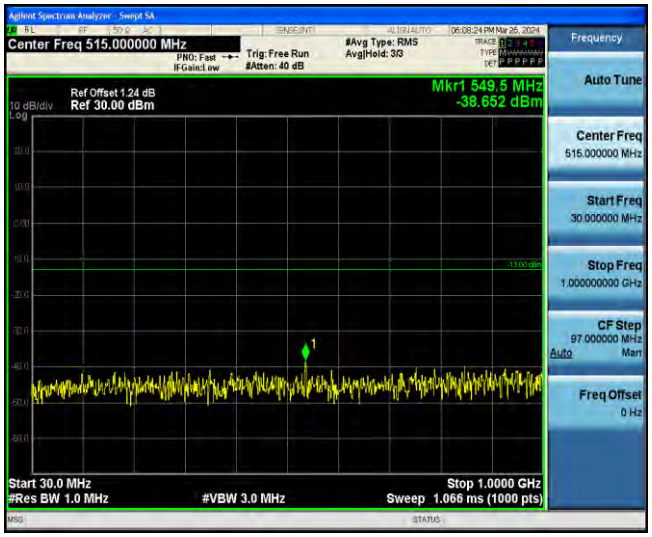
Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



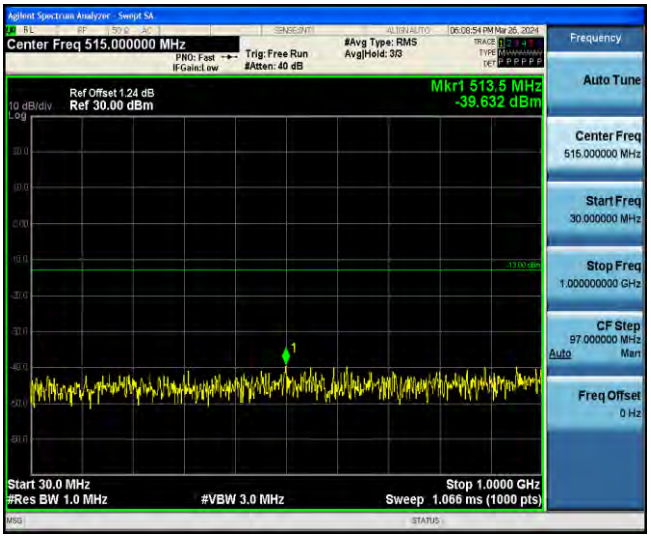
Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz

Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



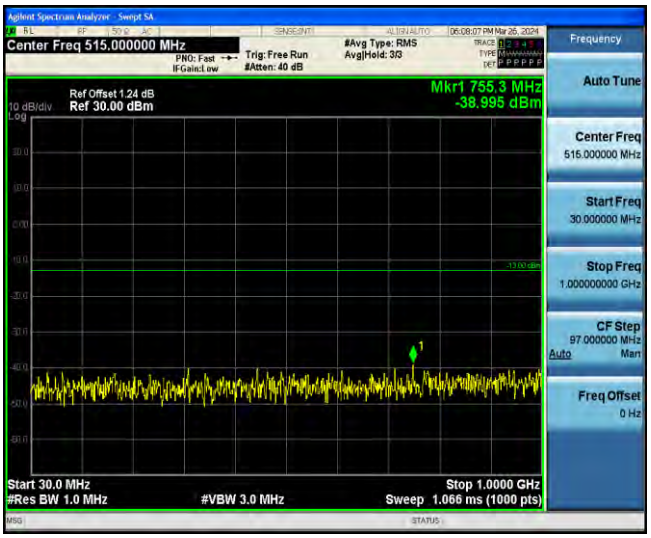
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



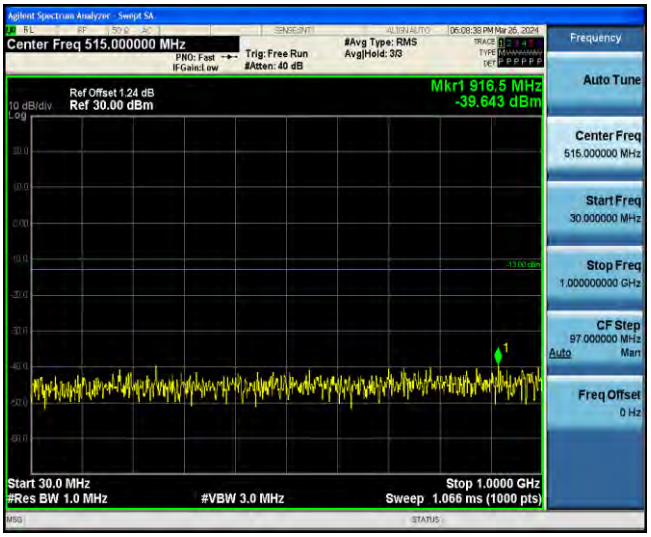
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz

Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



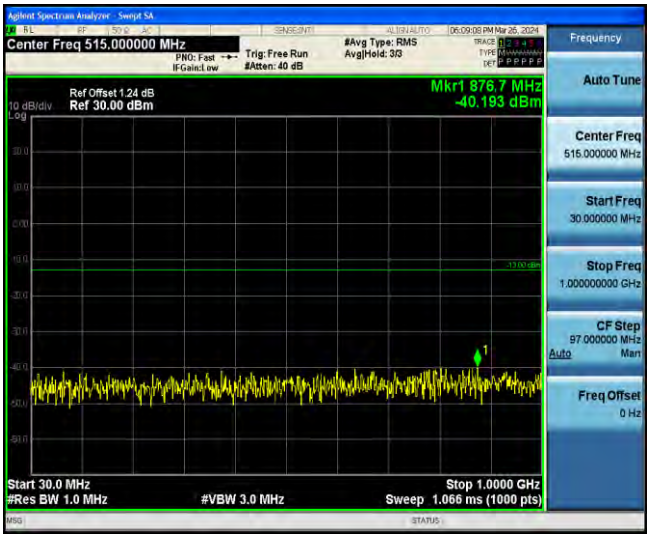
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz

Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

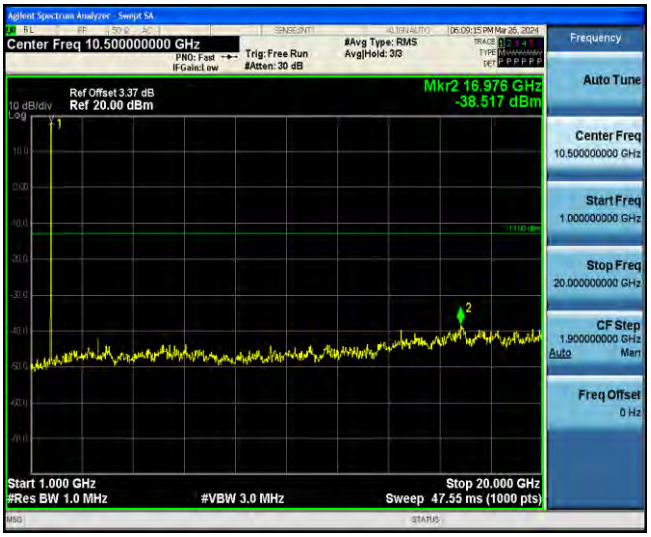


Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

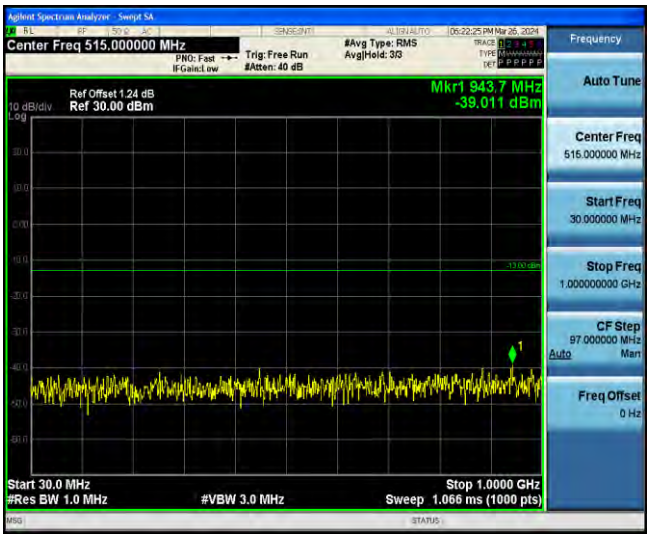
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz

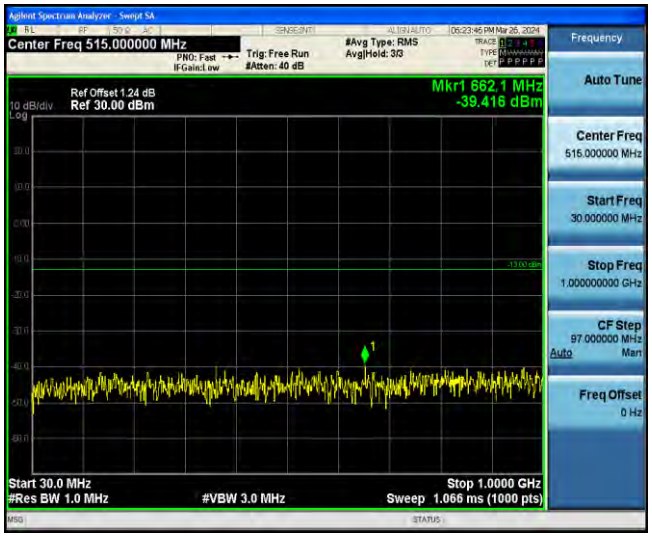


Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



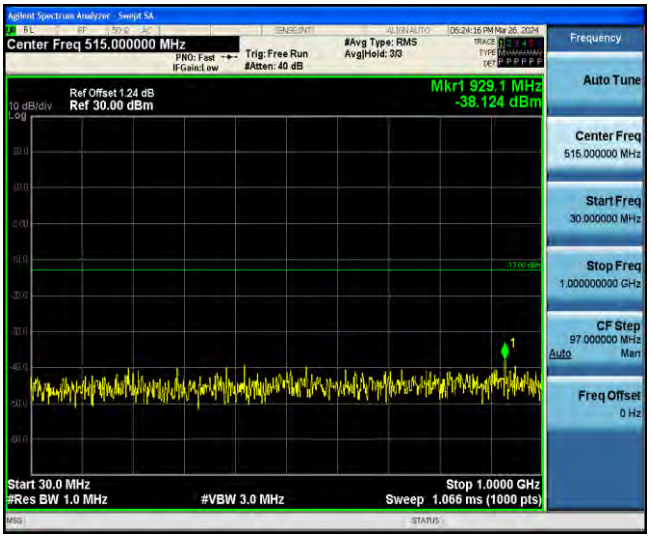
Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~20000MHz

Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



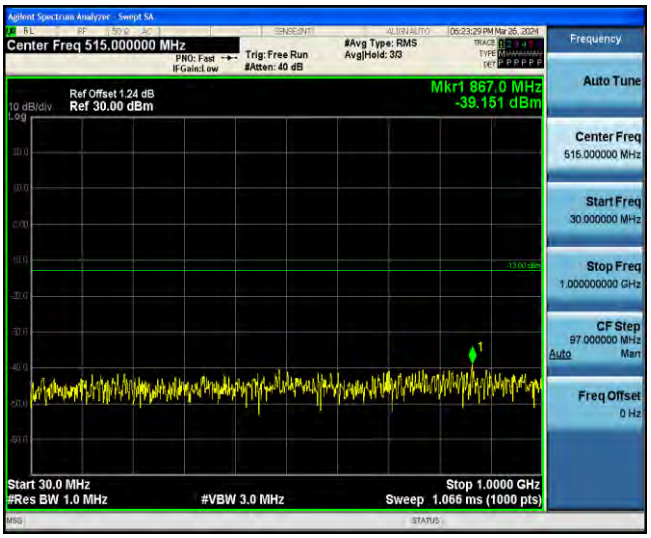
Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



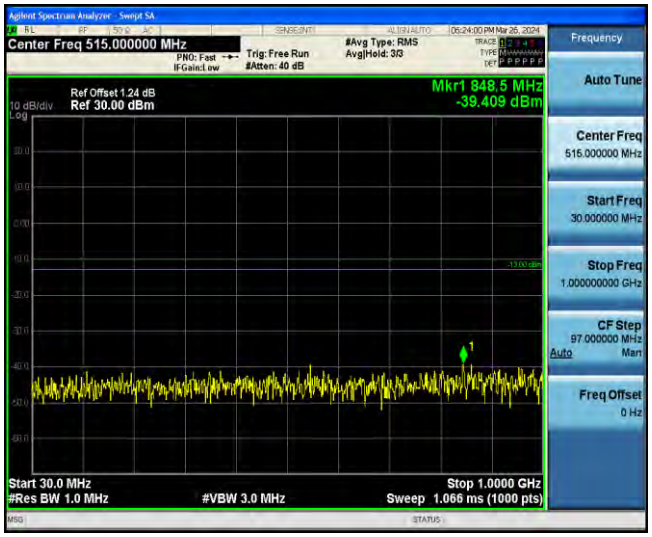
Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~20000MHz

Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



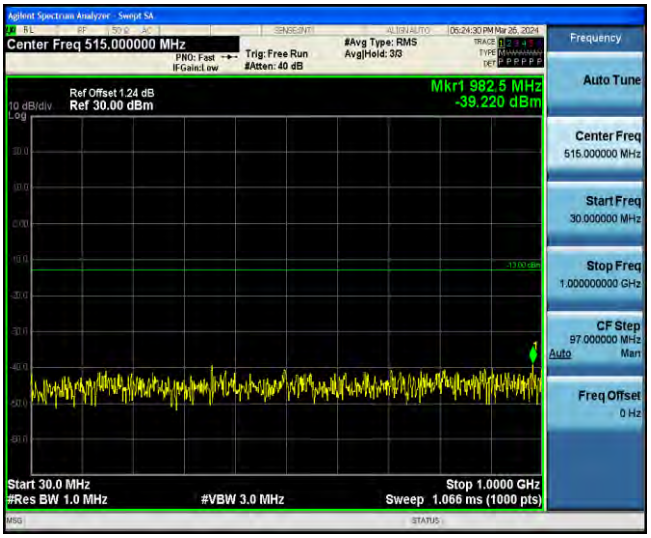
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz

Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



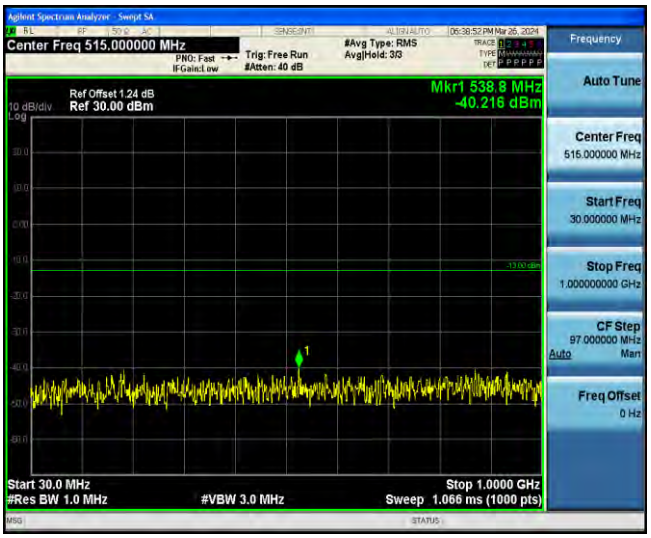
Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



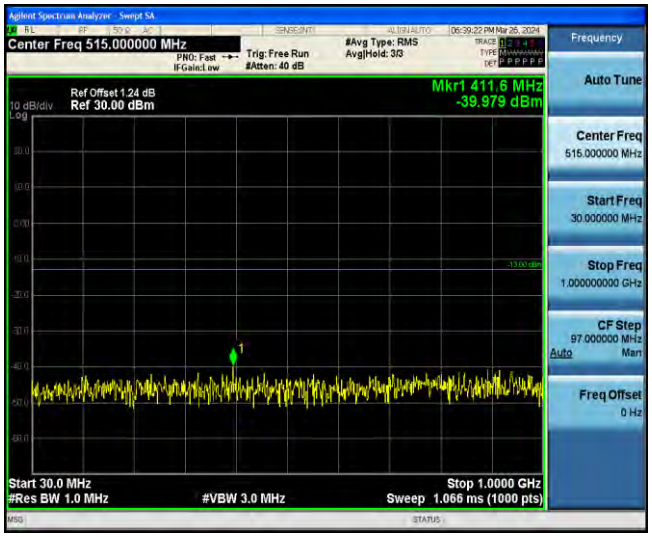
Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~20000MHz

Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



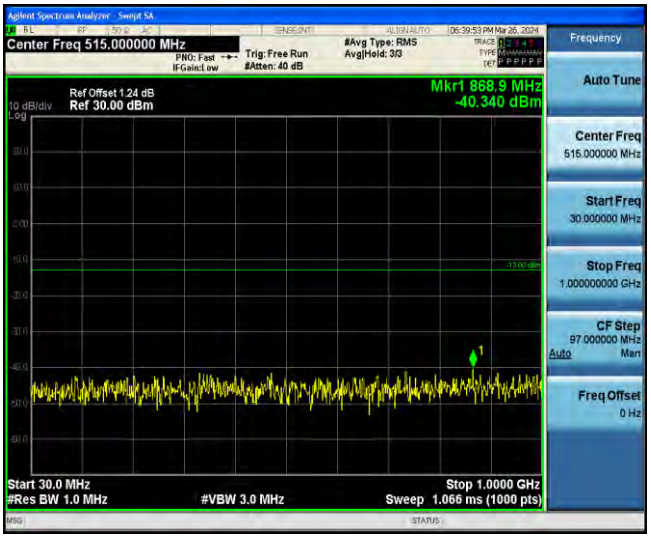
Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz

Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



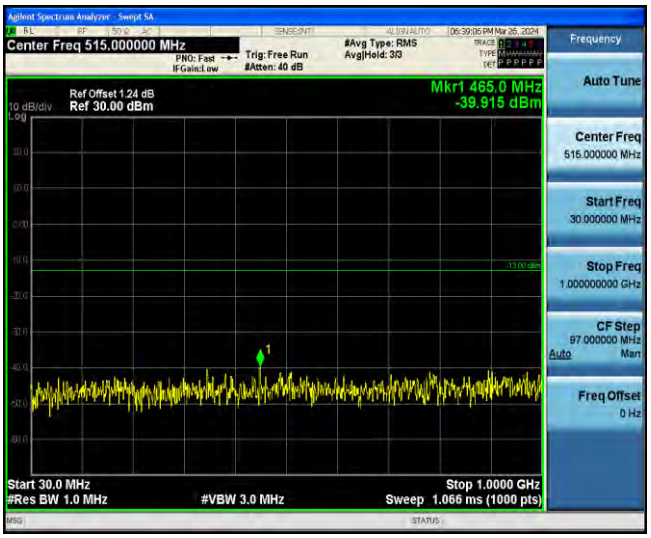
Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz

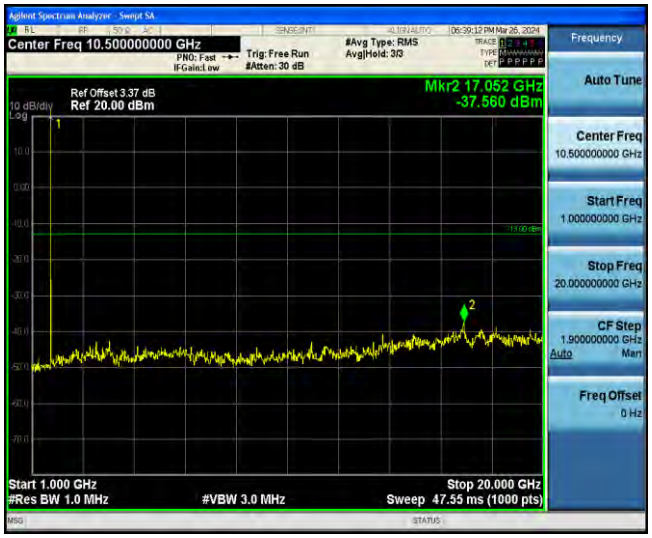


Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz

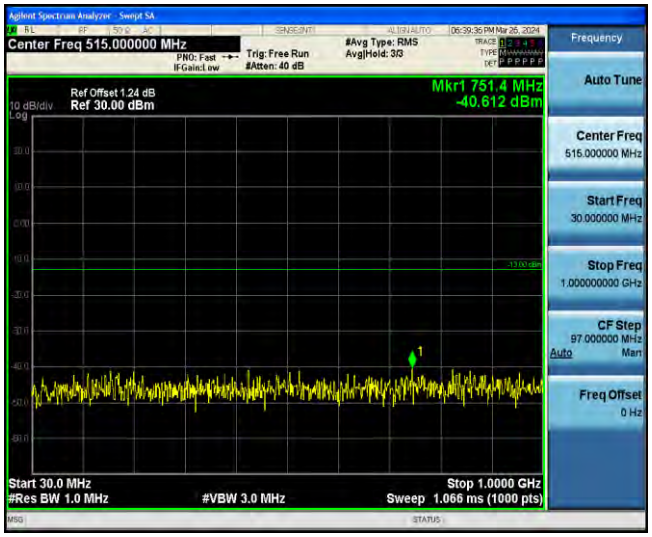
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz

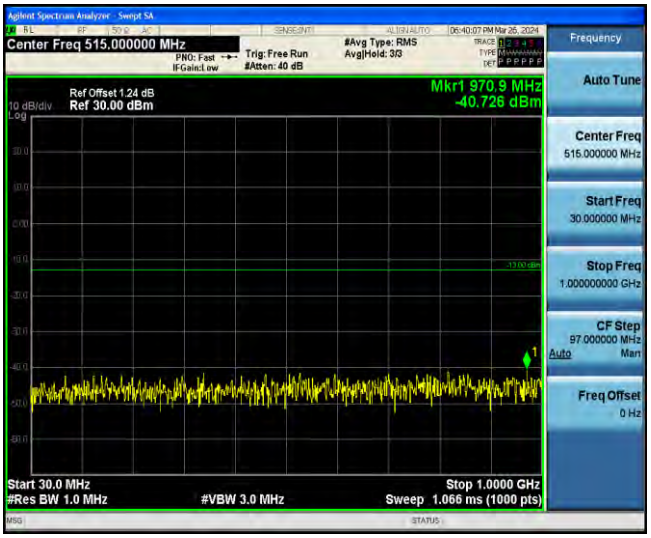


Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



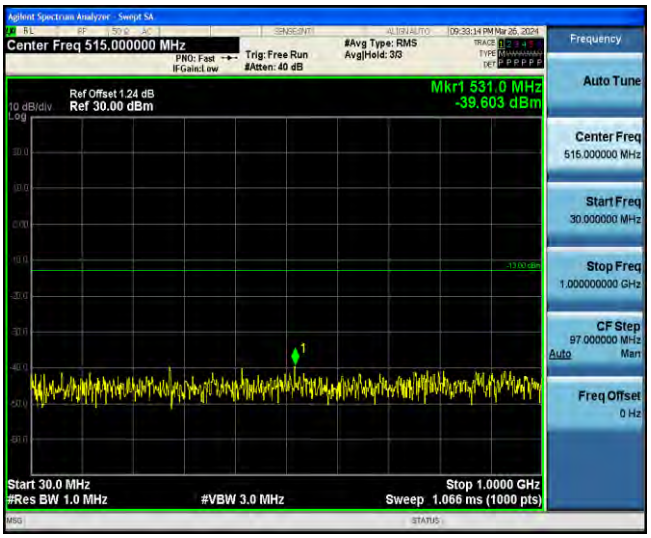
Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



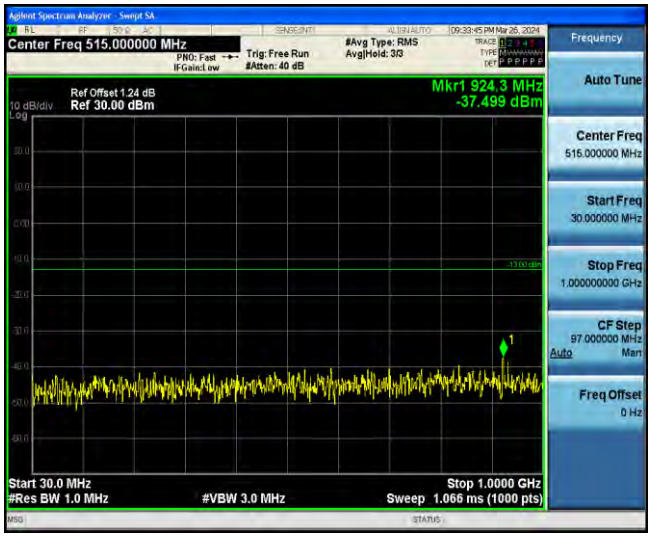
Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz

Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



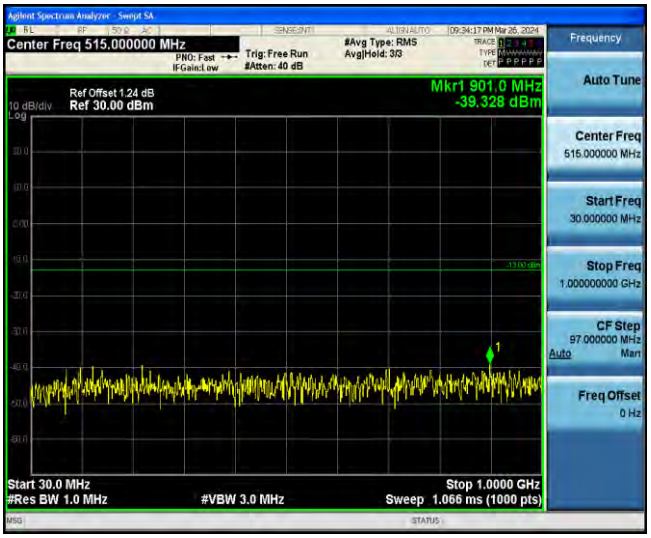
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~20000MHz

Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



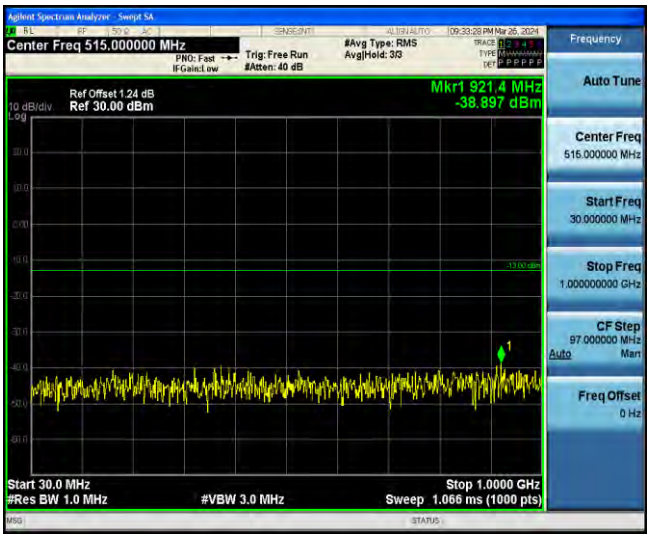
Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



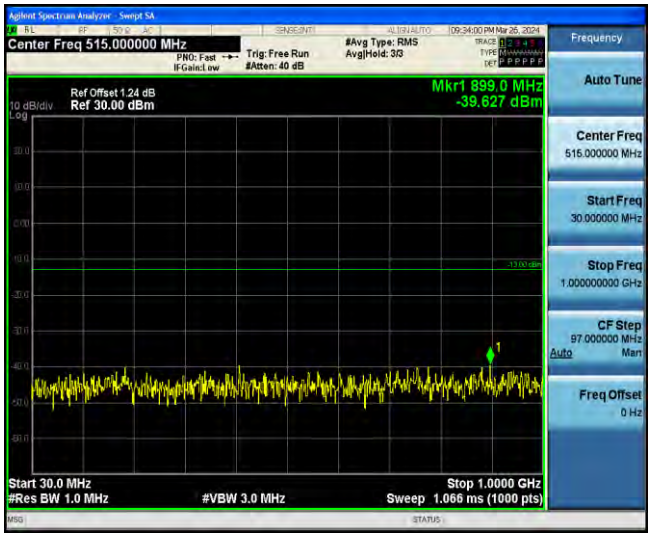
Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz

Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



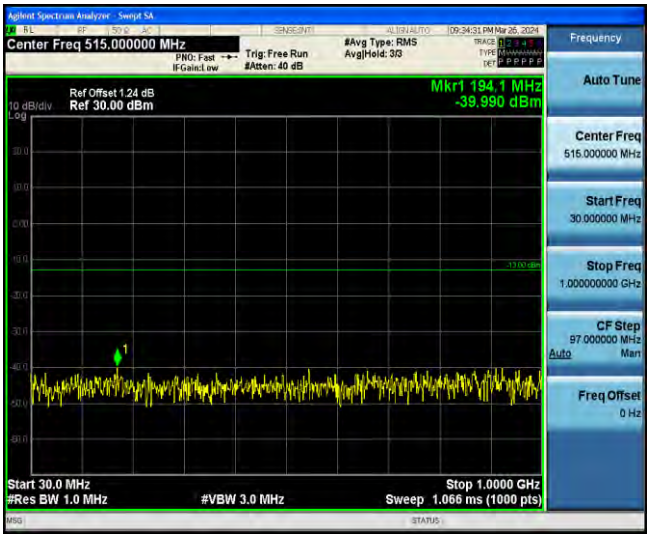
Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz

Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



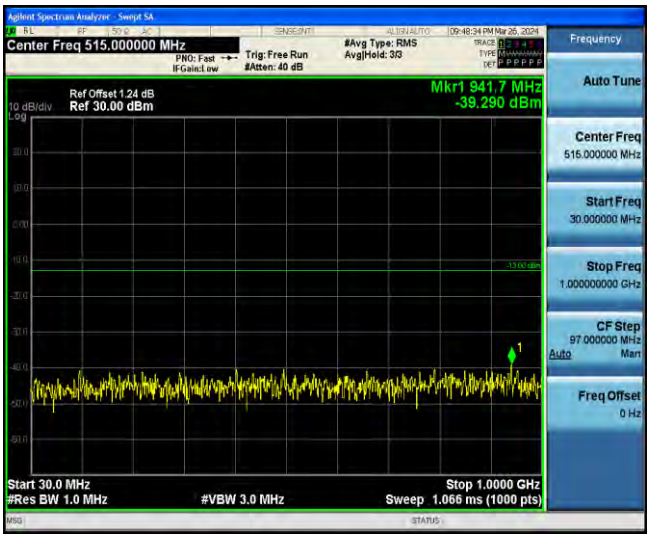
Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~20000MHz

Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz