

Appendix_H

RF Test Data for LTE_Band4 Conducted Measurement

FCC ID:2A7DX-FLAT1

Product Name:Smart phone

Test Model:FLAT 1C

Environmental Conditions

Temperature:	21℃
Relative Humidity:	51%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

Contents

	Page
COVER PAGE	
Appendix A: Effective (Isotropic) Radiated Power Output Data	错误!未定义书签。
Test Result.....	错误!未定义书签。
Appendix B: Peak-to-Average Ratio(CCDF).....	错误!未定义书签。
Test Result.....	错误!未定义书签。
Test Graphs	错误!未定义书签。
Appendix C: 26dB Bandwidth and Occupied Bandwidth	错误!未定义书签。
Test Result.....	错误!未定义书签。
Test Graphs	错误!未定义书签。
Appendix D: Band Edge	错误!未定义书签。
Test Result.....	错误!未定义书签。
Test Graphs	错误!未定义书签。
Appendix E: Conducted Spurious Emission.....	错误!未定义书签。
Test Result.....	错误!未定义书签。
Test Graphs	错误!未定义书签。
Appendix F: Frequency Stability.....	错误!未定义书签。
Test Result.....	错误!未定义书签。
Appendix G: Modulation Characteristics	错误!未定义书签。
Test Result.....	错误!未定义书签。
Test Graphs.....	错误!未定义书签。

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.I.R.P. (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.67	24.25	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.59	24.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.59	24.17	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.71	24.29	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.74	24.32	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.73	24.31	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.66	22.24	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.14	23.72	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.16	23.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.15	23.73	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.17	23.75	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.18	23.76	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.15	23.73	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.19	21.77	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.36	23.94	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.40	23.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.41	23.99	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.32	23.9	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.33	23.91	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.30	23.88	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.24	21.82	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.53	24.11	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.56	24.14	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.50	24.08	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.43	23.01	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.39	22.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.28	22.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.75	22.33	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.78	22.36	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.79	22.37	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.73	22.31	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.20	22.78	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.91	22.49	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.92	22.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.17	21.75	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.41	23.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.72	23.3	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.95	23.53	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.76	22.34	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.75	22.33	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.72	22.3	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.33	21.91	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.54	24.12	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.55	24.13	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.39	23.97	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.49	22.07	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.51	22.09	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.54	22.12	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.52	22.1	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.04	23.62	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.00	23.58	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.92	23.5	PASS
Band4	3MHz	QPSK	20175	8RB#0	19.99	21.57	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.01	21.59	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.07	21.65	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.07	21.65	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.17	23.75	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.26	23.84	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.18	23.76	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.05	21.63	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.07	21.65	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.04	21.62	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.25	21.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.61	23.19	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.32	22.9	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.26	22.84	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.71	22.29	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.71	22.29	PASS

Band4	3MHz	16QAM	19965	8RB#7	20.73	22.31	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.68	22.26	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.68	22.26	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.00	22.58	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.94	22.52	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.21	21.79	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.22	21.8	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.22	21.8	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.03	21.61	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.77	22.35	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.81	22.39	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.82	22.4	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.34	21.92	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.34	21.92	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.32	21.9	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.24	21.82	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.67	24.25	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.56	24.14	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.54	24.12	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.71	22.29	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.72	22.3	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.53	22.11	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.57	22.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.31	23.89	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.37	23.95	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.37	23.95	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.25	21.83	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.28	21.86	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.31	21.89	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.26	21.84	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.21	23.79	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.46	24.04	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.33	23.91	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.43	22.01	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.44	22.02	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.36	21.94	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.40	21.98	PASS

Band4	5MHz	16QAM	19975	1RB#0	21.86	23.44	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.55	23.13	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.56	23.14	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.73	22.31	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.63	22.21	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.68	22.26	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.58	22.16	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.07	22.65	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.04	22.62	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.22	22.8	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.18	21.76	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.12	21.7	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.18	21.76	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.24	21.82	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.78	22.36	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.84	22.42	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.74	22.32	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.42	22	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.38	21.96	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.51	22.09	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.60	22.18	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.67	24.25	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.50	24.08	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.31	23.89	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.60	22.18	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.48	22.06	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.54	22.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.61	22.19	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.11	23.69	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.13	23.71	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.23	23.81	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.22	21.8	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.24	21.82	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.29	21.87	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.31	21.89	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.35	23.93	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.39	23.97	PASS

Band4	10MHz	QPSK	20350	1RB#49	22.32	23.9	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.40	21.98	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.42	22	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.44	22.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.42	22	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.53	23.11	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.54	23.12	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.18	22.76	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.62	22.2	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.64	22.22	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.54	22.12	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.64	22.22	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.13	22.71	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.15	22.73	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.17	22.75	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.40	21.98	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.42	22	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.44	22.02	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.34	21.92	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.18	22.76	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.14	22.72	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.12	22.7	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.44	22.02	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.45	22.03	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.44	22.02	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.44	22.02	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.63	24.21	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.38	23.96	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.21	23.79	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.46	22.04	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.45	22.03	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.45	22.03	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.45	22.03	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.06	23.64	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.08	23.66	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.13	23.71	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.29	21.87	PASS

Band4	15MHz	QPSK	20175	38RB#18	20.32	21.9	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.33	21.91	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.33	21.91	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.34	23.92	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.42	24	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.38	23.96	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.48	22.06	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.50	22.08	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.50	22.08	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.50	22.08	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.50	23.08	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.29	22.87	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.10	22.68	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.45	22.03	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.45	22.03	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.45	22.03	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.64	22.22	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.26	22.84	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.25	22.83	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.30	22.88	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.31	21.89	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.32	21.9	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.33	21.91	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.41	21.99	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.29	22.87	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.31	22.89	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.34	22.92	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.50	22.08	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.50	22.08	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.50	22.08	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.48	22.06	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.85	24.43	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.40	23.98	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.36	23.94	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.43	22.01	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.54	22.12	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.22	21.8	PASS

Band4	20MHz	QPSK	20050	100RB#0	20.33	21.91	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.42	24	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.31	23.89	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.59	24.17	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.29	21.87	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.20	21.78	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.29	21.87	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.33	21.91	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.50	24.08	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.69	24.27	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.77	24.35	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.32	21.9	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.26	21.84	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.49	22.07	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.37	21.95	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.79	23.37	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.11	22.69	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.96	22.54	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.67	22.25	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.67	22.25	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.45	22.03	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.46	22.04	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.61	23.19	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.64	23.22	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.71	23.29	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.25	21.83	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.37	21.95	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.40	21.98	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.34	21.92	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.48	22.06	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.50	22.08	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.54	22.12	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.50	22.08	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.52	22.1	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.50	22.08	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.40	21.98	PASS

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

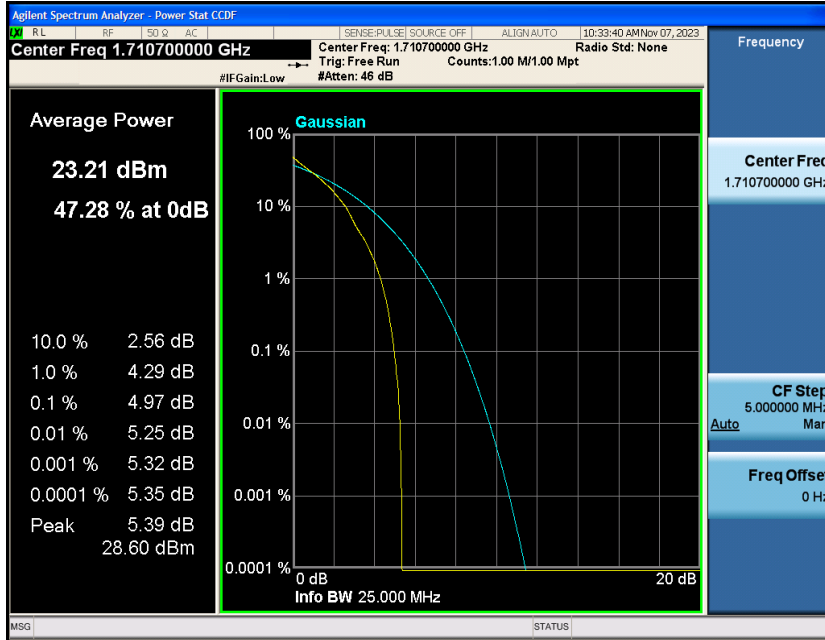
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.97	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.83	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.66	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.57	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.47	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.89	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.91	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.39	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.57	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.15	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.02	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.49	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.78	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.81	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.71	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.67	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.49	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.92	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.85	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.39	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.76	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.15	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.77	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.61	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.79	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.82	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.59	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.69	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.87	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.87	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.78	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.46	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.41	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.15	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.36	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.45	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.18	13	PASS

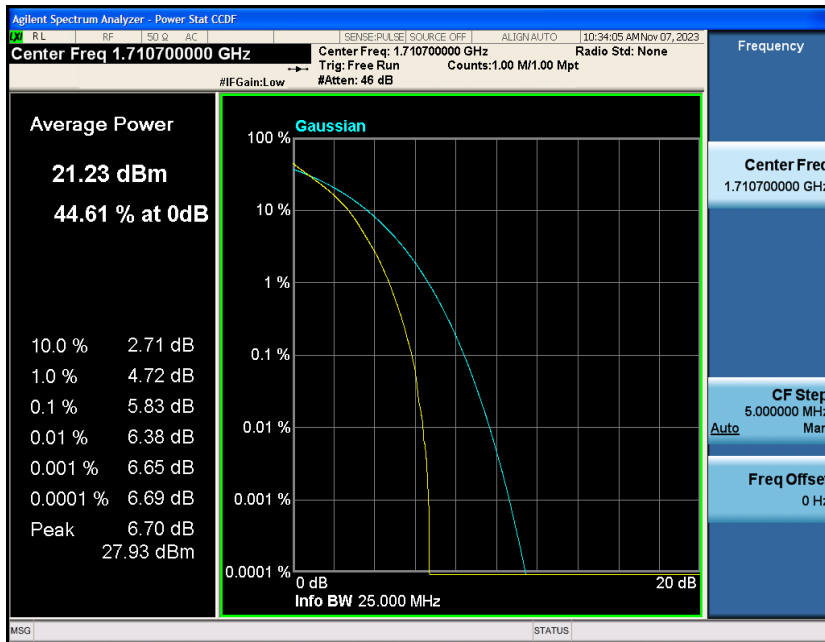
Band4	10MHz	QPSK	20000	50RB#0	5.93	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.71	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.76	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.32	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.99	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.08	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.44	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.60	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.22	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.04	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.60	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.12	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.79	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.95	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.78	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.96	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.78	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.39	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.28	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.89	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.57	13	PASS

Test Graphs

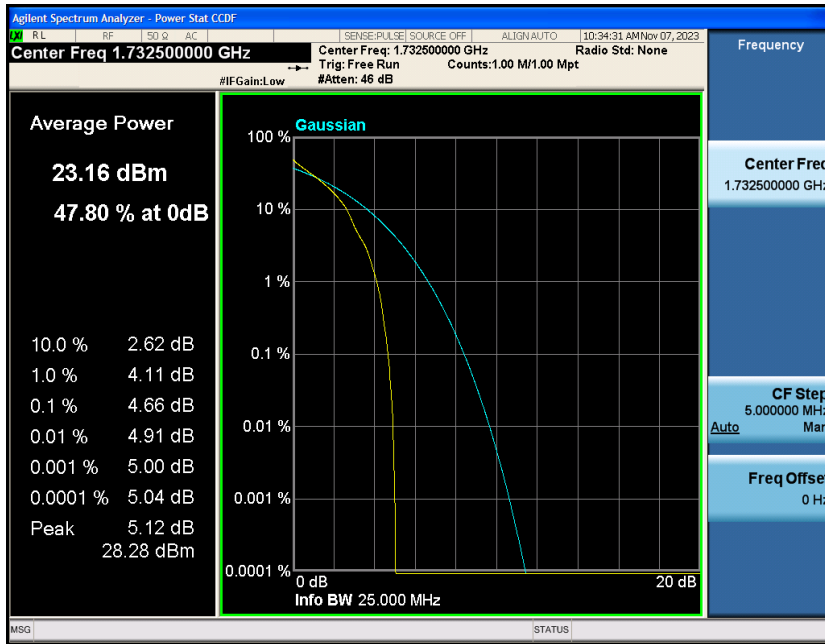
Band4-1.4MHz-QPSK-19957-1RB#0



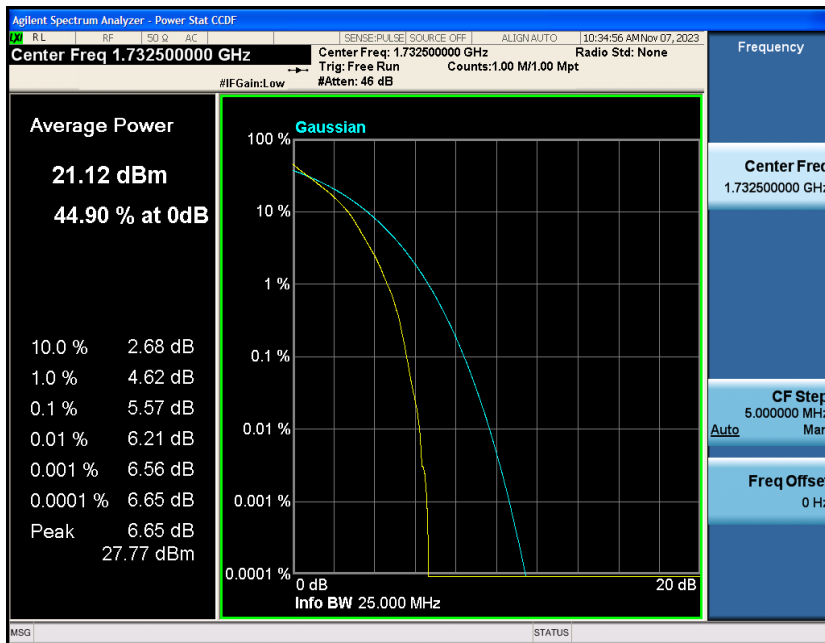
Band4-1.4MHz-QPSK-19957-6RB#0



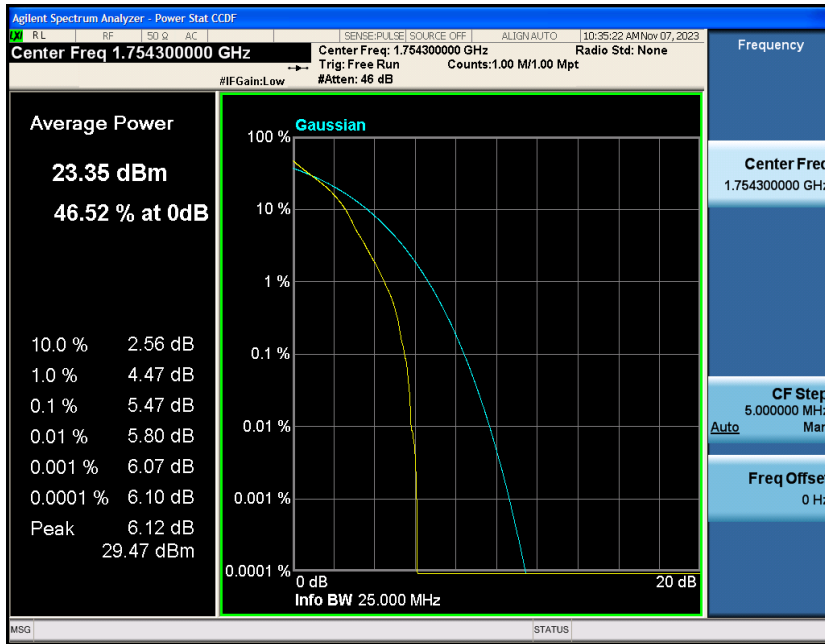
Band4-1.4MHz-QPSK-20175-1RB#0



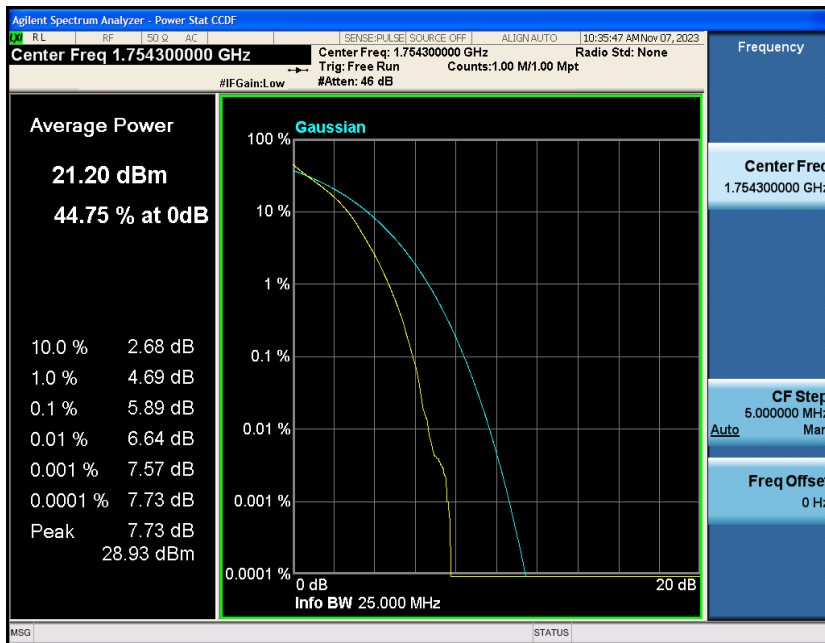
Band4-1.4MHz-QPSK-20175-6RB#0



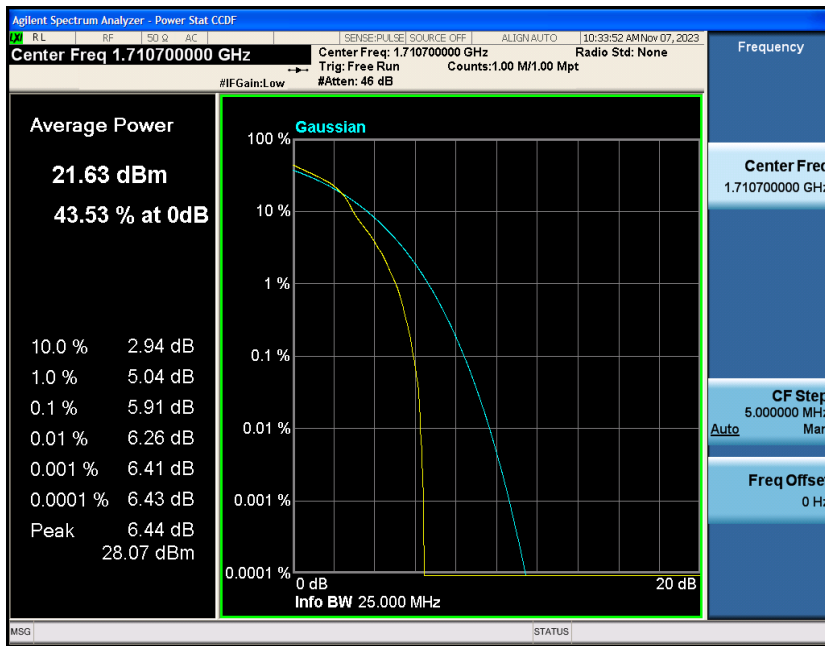
Band4-1.4MHz-QPSK-20393-1RB#0



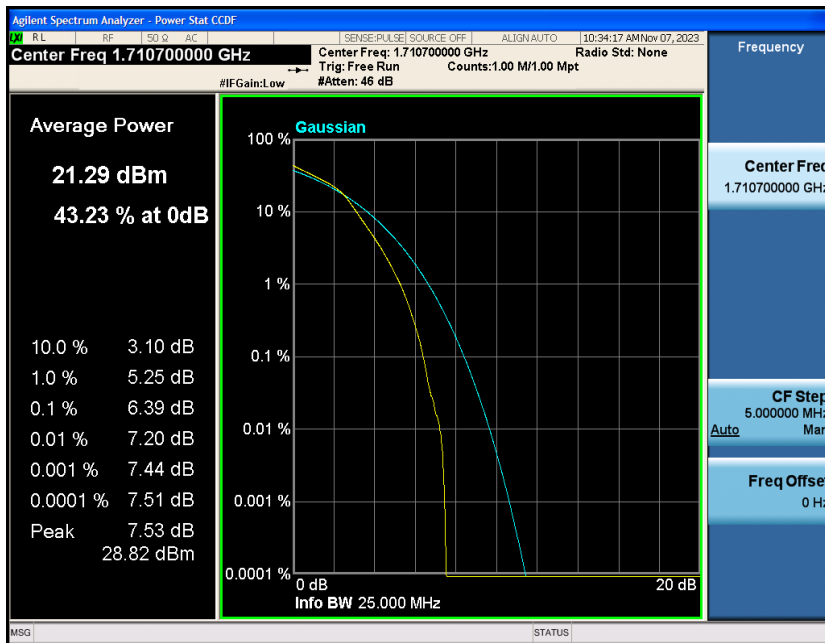
Band4-1.4MHz-QPSK-20393-6RB#0



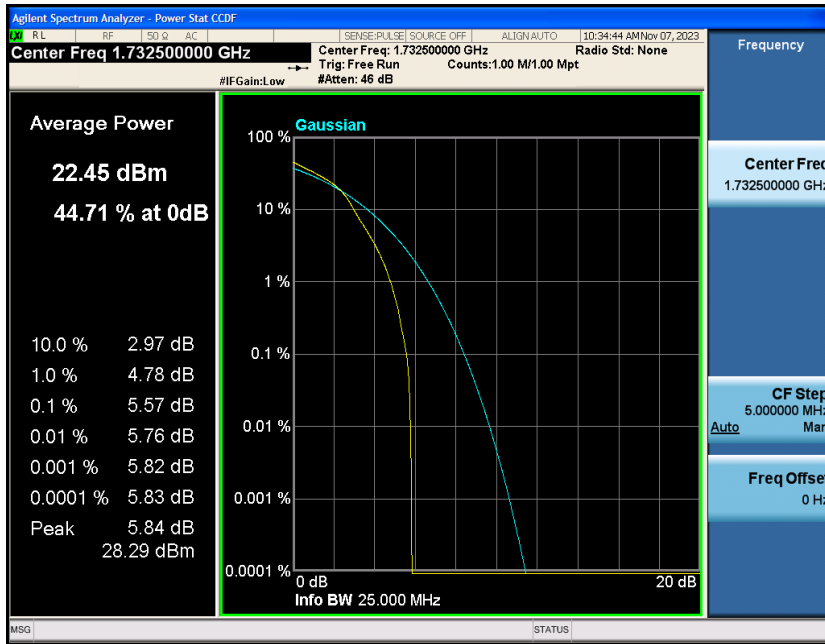
Band4-1.4MHz-16QAM-19957-1RB#0



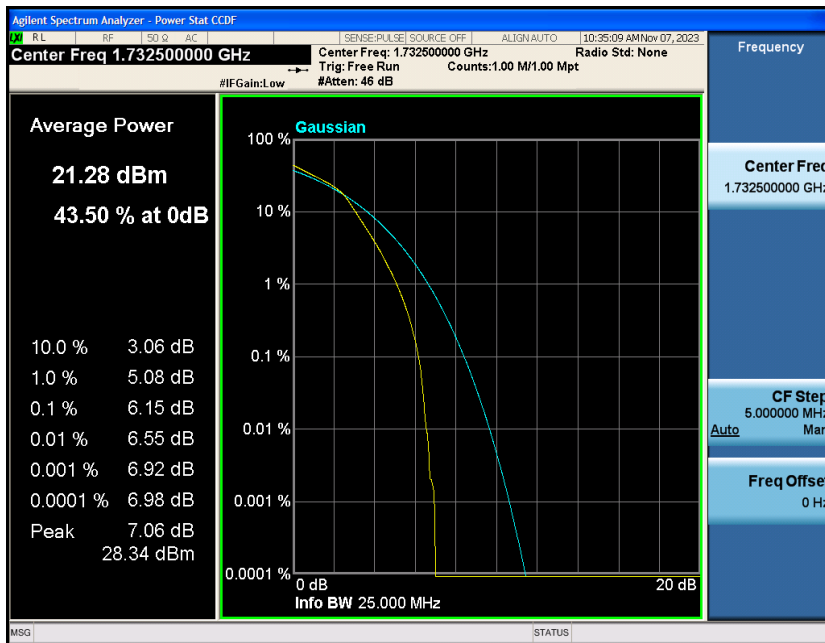
Band4-1.4MHz-16QAM-19957-6RB#0



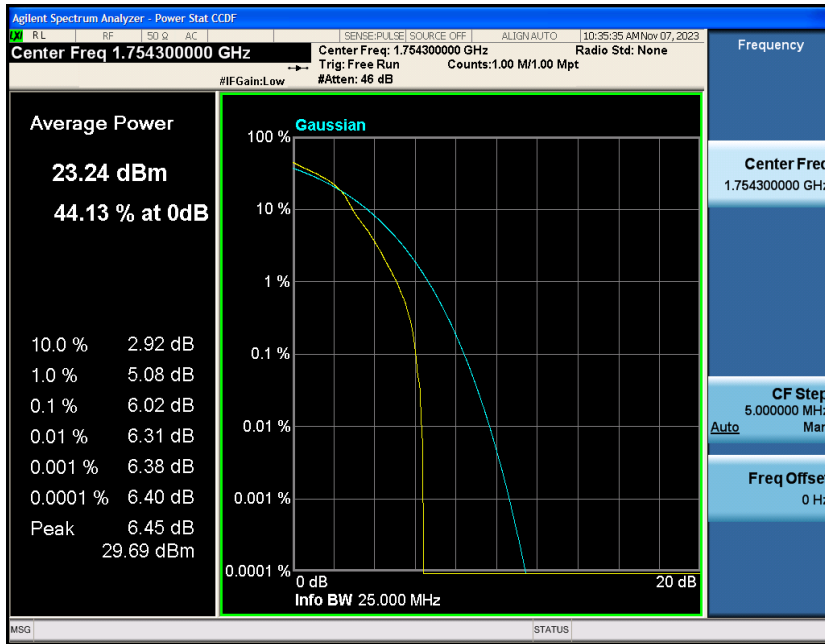
Band4-1.4MHz-16QAM-20175-1RB#0



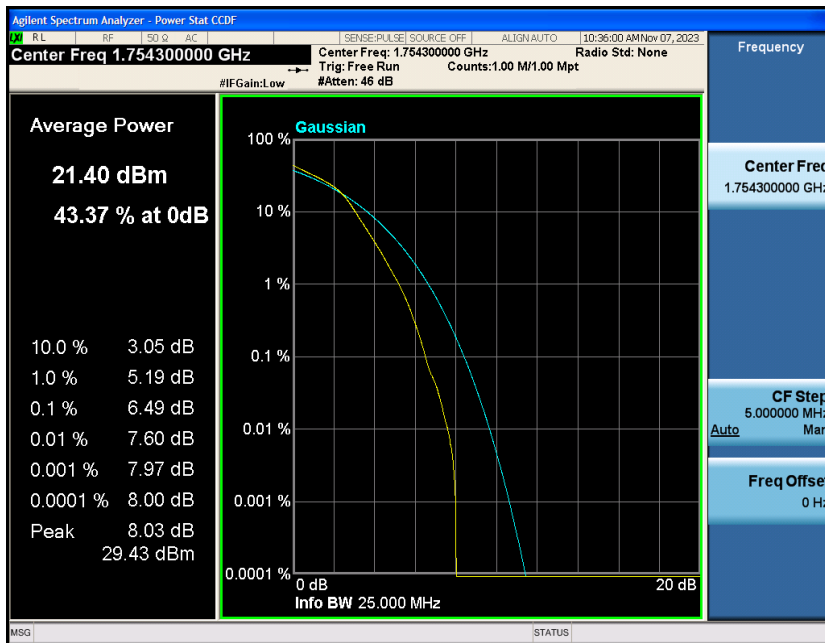
Band4-1.4MHz-16QAM-20175-6RB#0



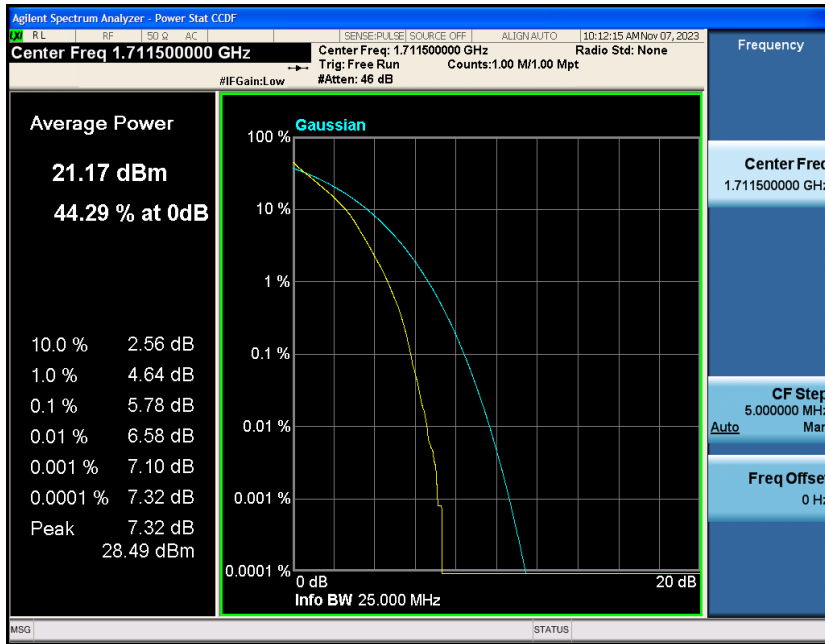
Band4-1.4MHz-16QAM-20393-1RB#0



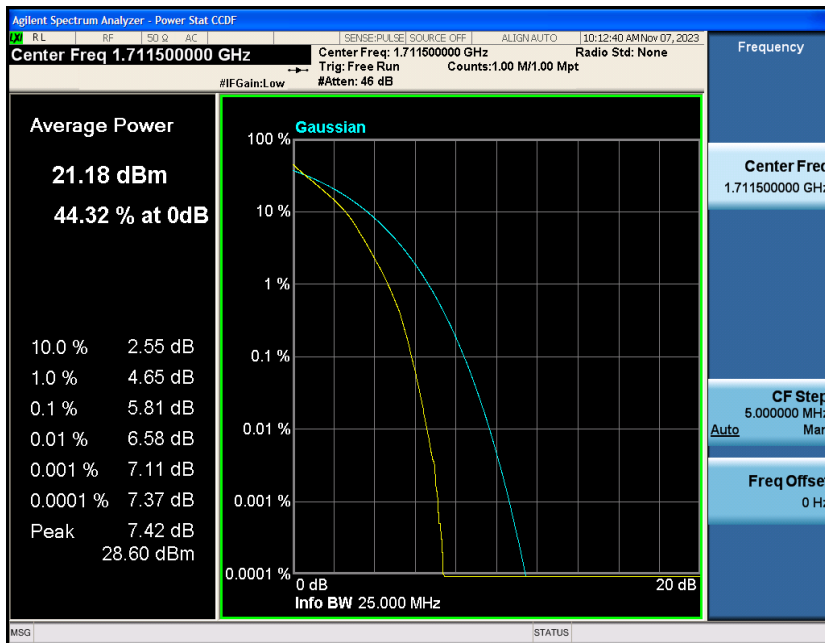
Band4-1.4MHz-16QAM-20393-6RB#0



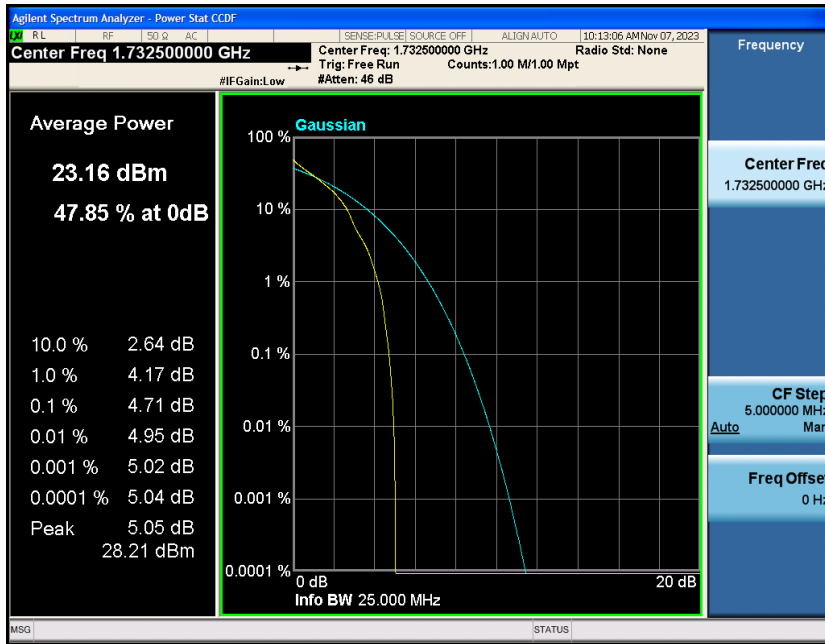
Band4-3MHz-QPSK-19965-1RB#0



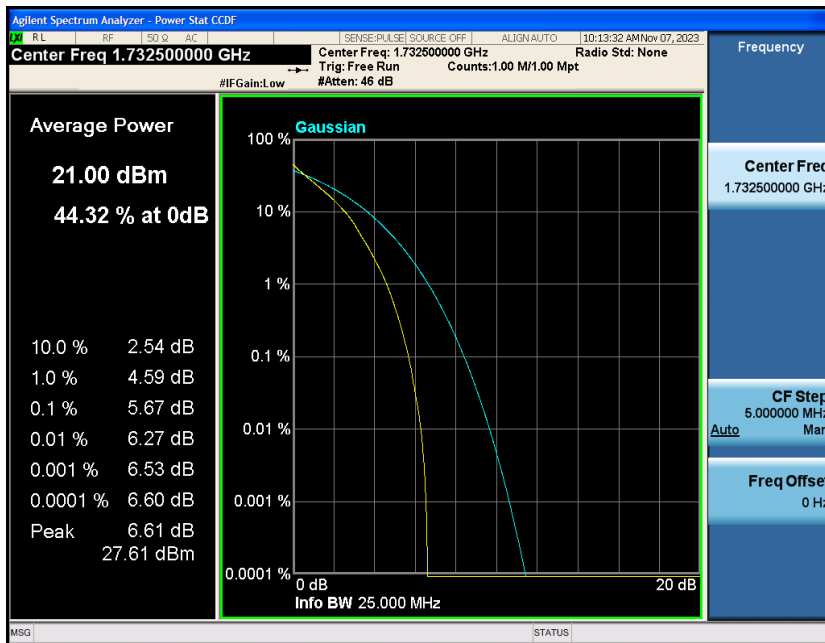
Band4-3MHz-QPSK-19965-15RB#0



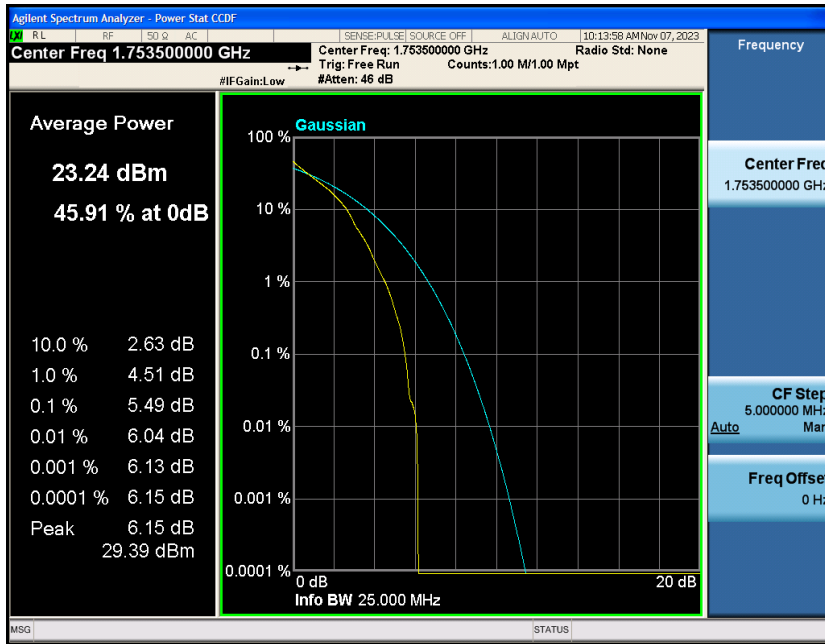
Band4-3MHz-QPSK-20175-1RB#0



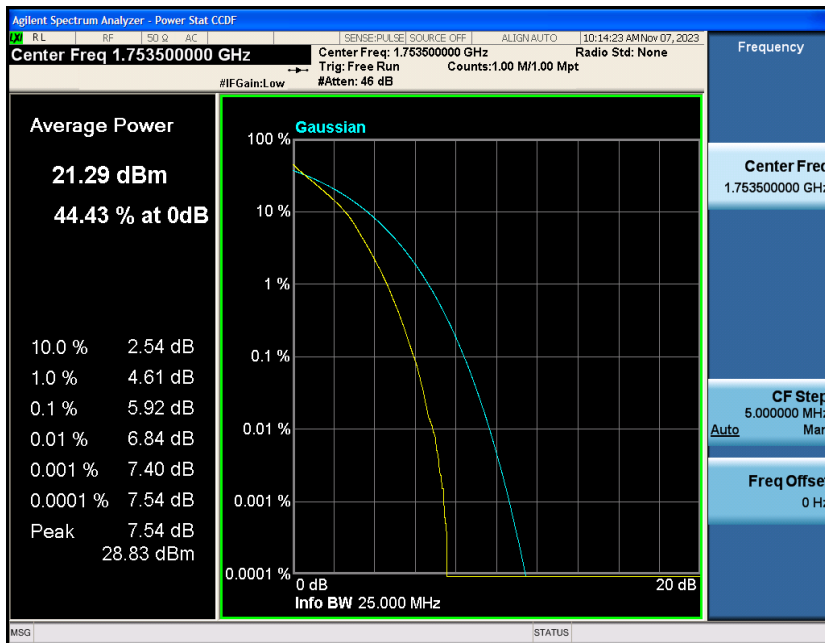
Band4-3MHz-QPSK-20175-15RB#0



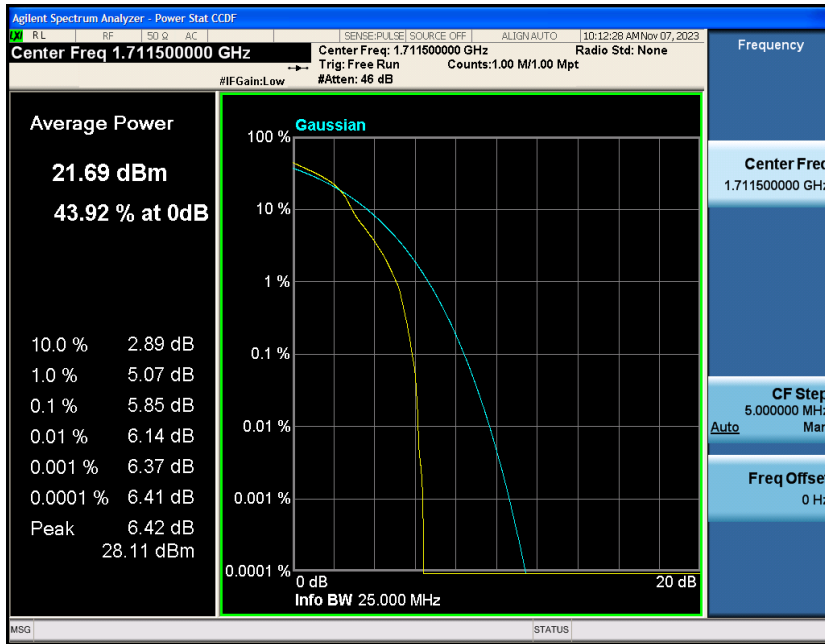
Band4-3MHz-QPSK-20385-1RB#0



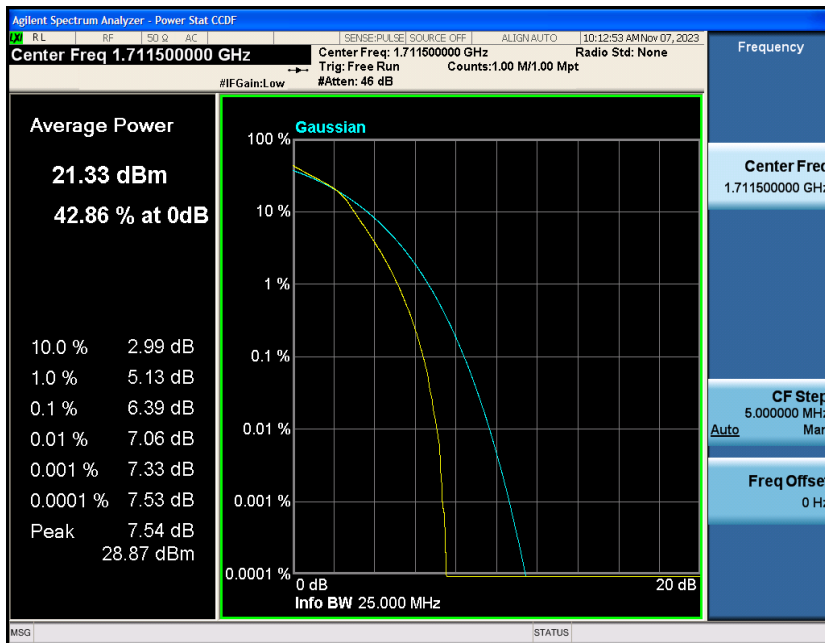
Band4-3MHz-QPSK-20385-15RB#0



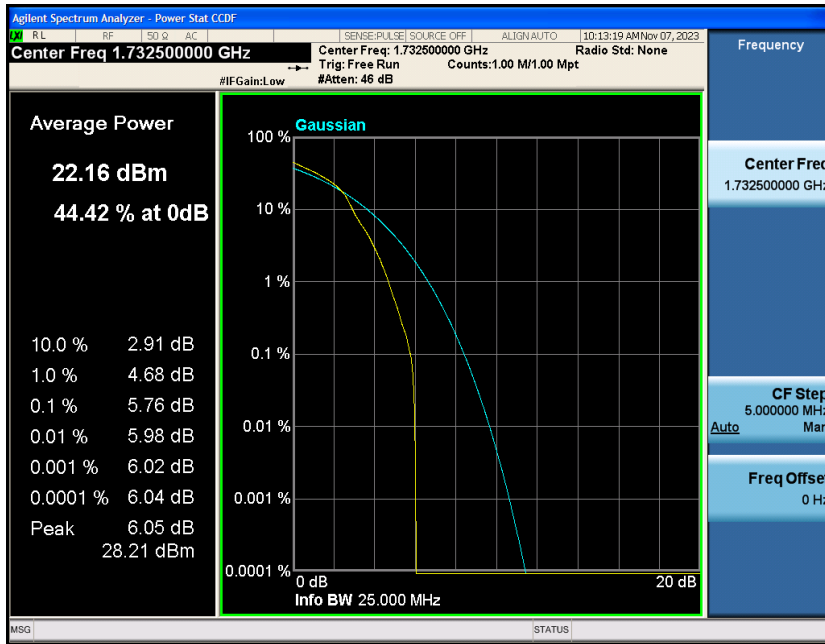
Band4-3MHz-16QAM-19965-1RB#0



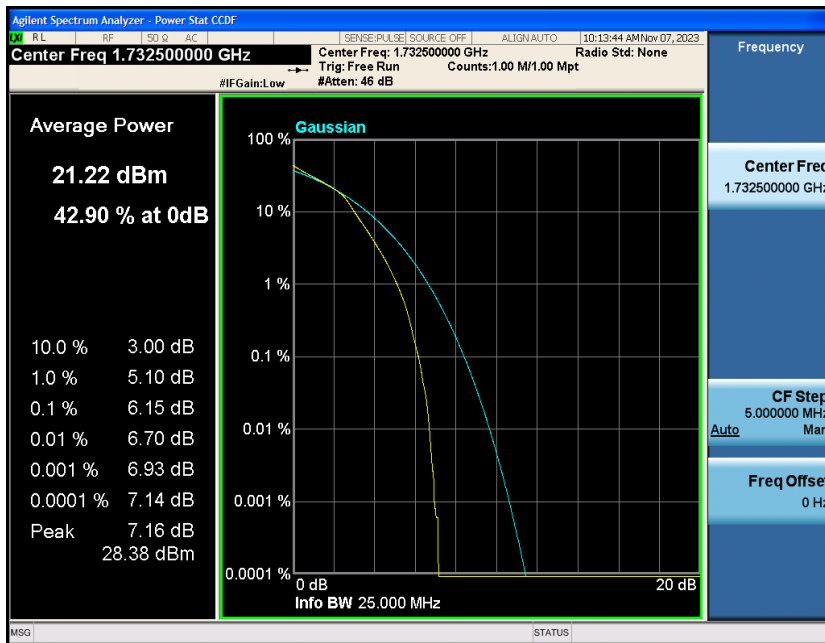
Band4-3MHz-16QAM-19965-15RB#0



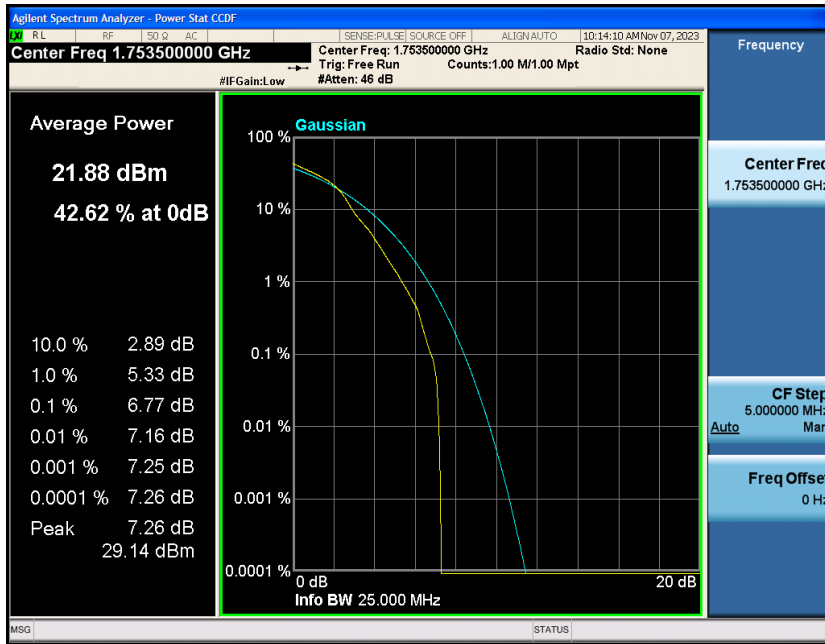
Band4-3MHz-16QAM-20175-1RB#0



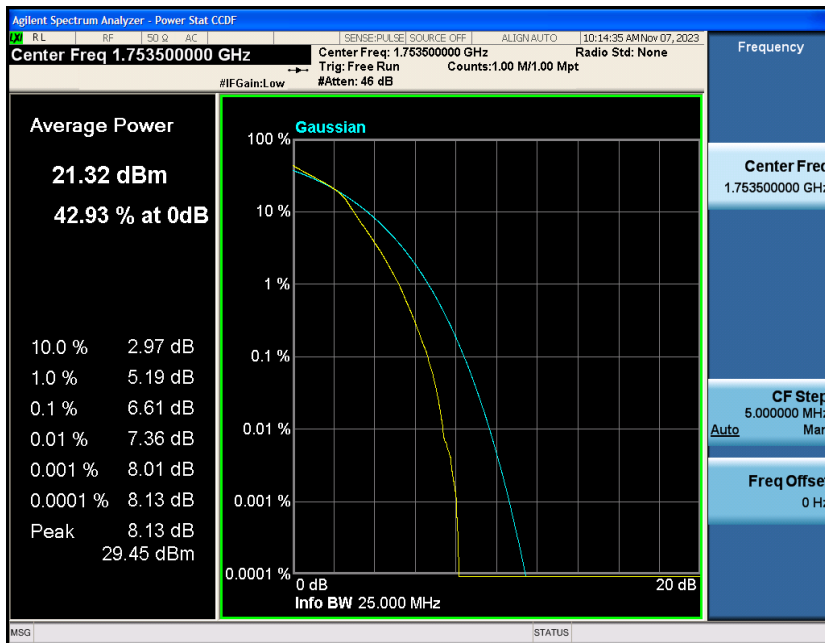
Band4-3MHz-16QAM-20175-15RB#0



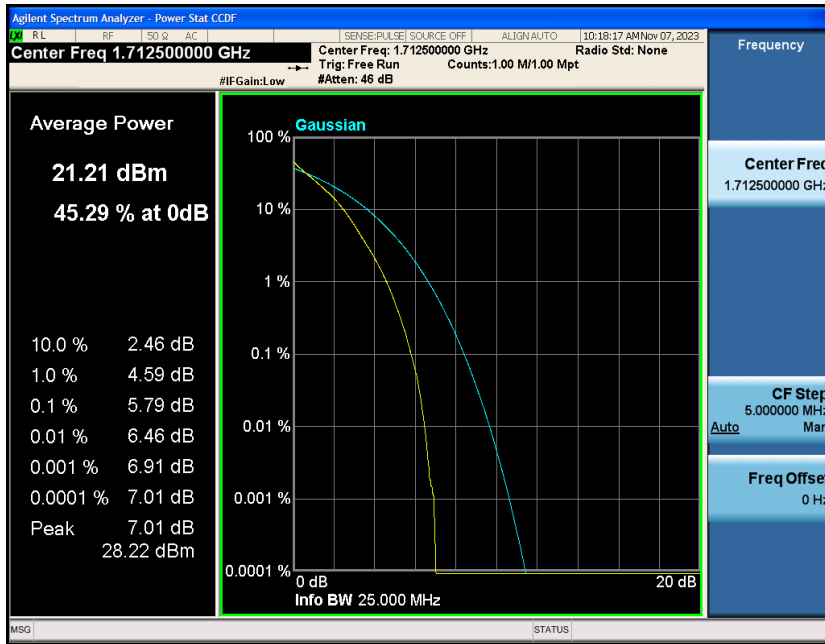
Band4-3MHz-16QAM-20385-1RB#0



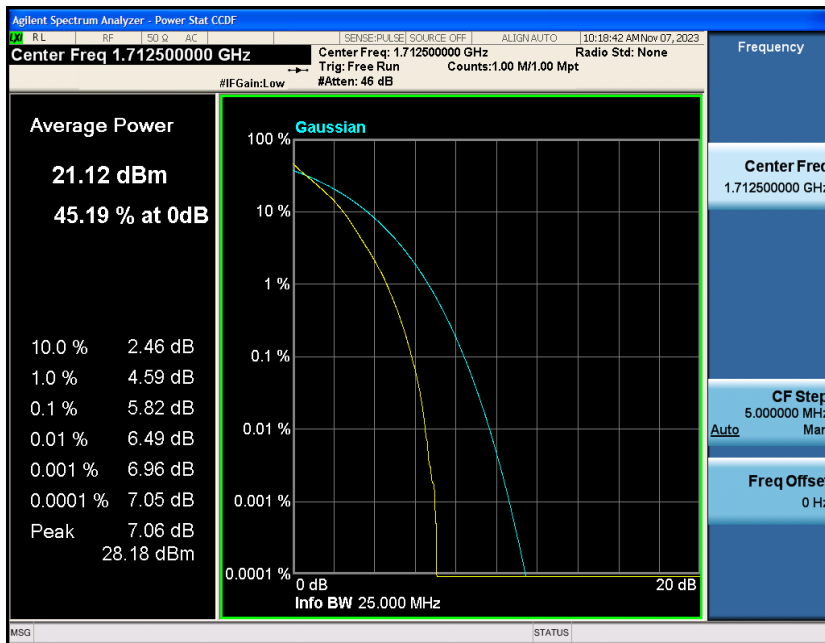
Band4-3MHz-16QAM-20385-15RB#0



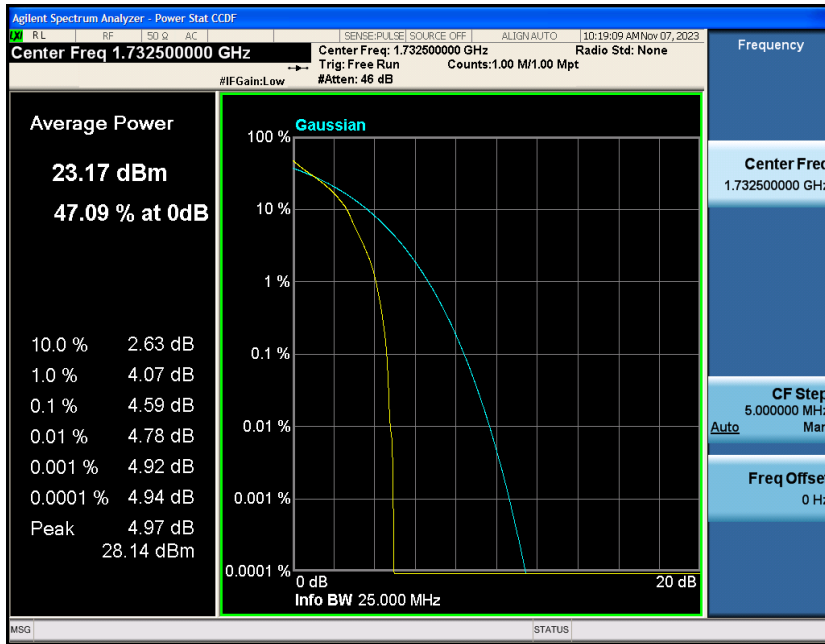
Band4-5MHz-QPSK-19975-1RB#0



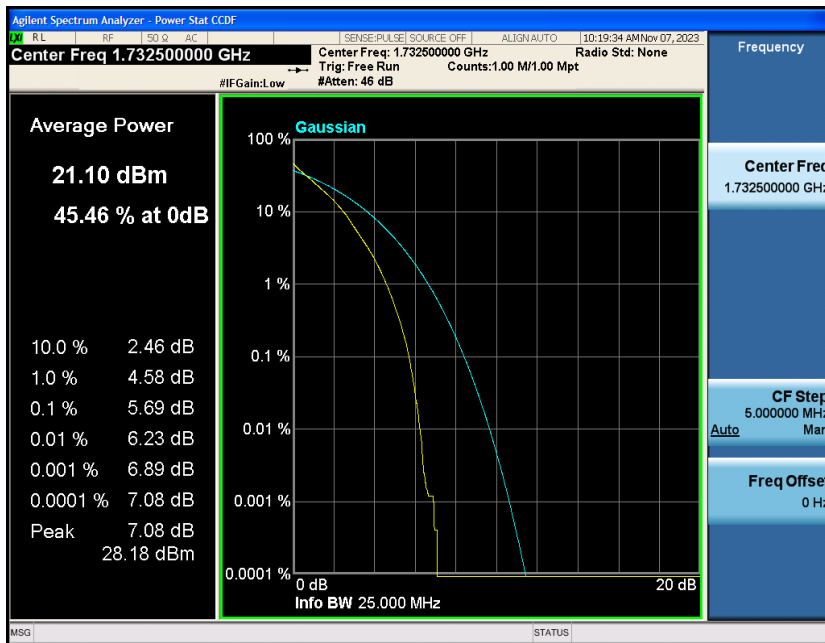
Band4-5MHz-QPSK-19975-25RB#0



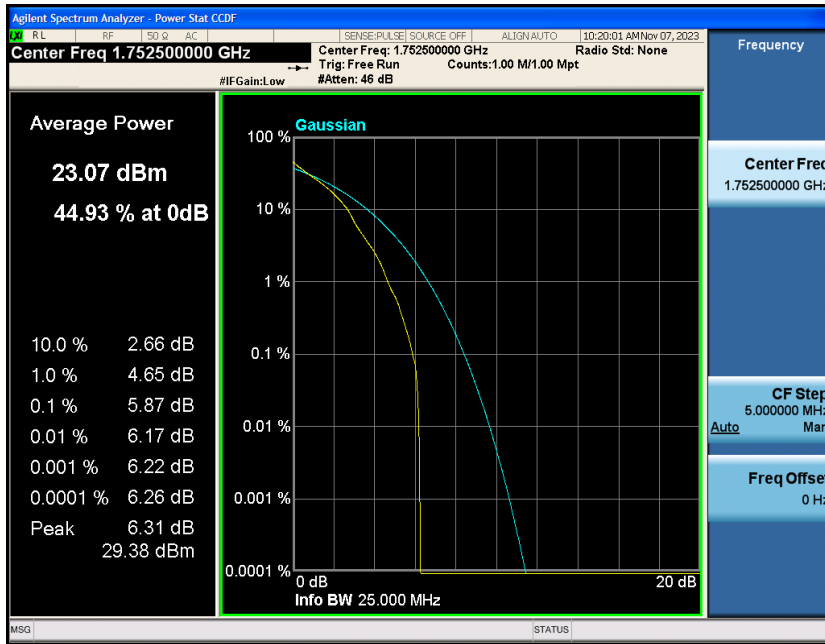
Band4-5MHz-QPSK-20175-1RB#0



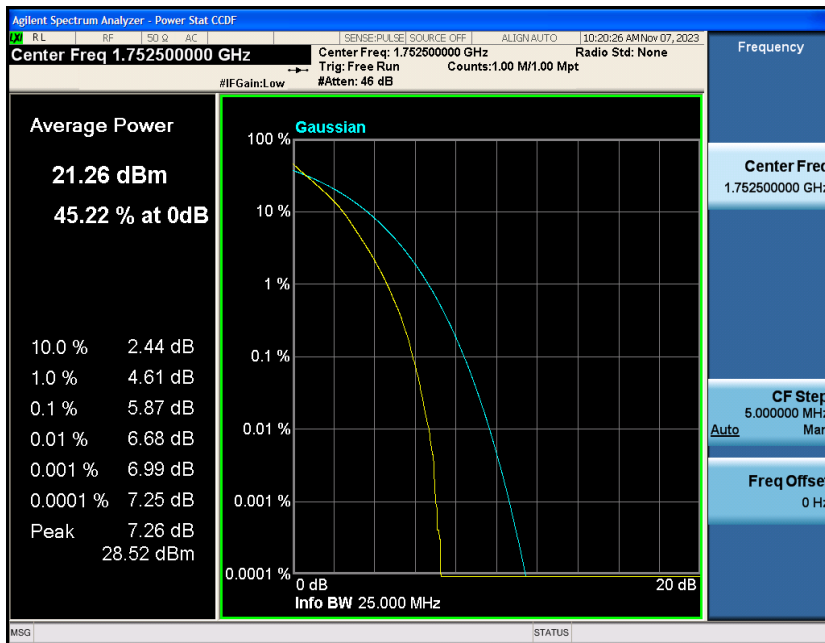
Band4-5MHz-QPSK-20175-25RB#0



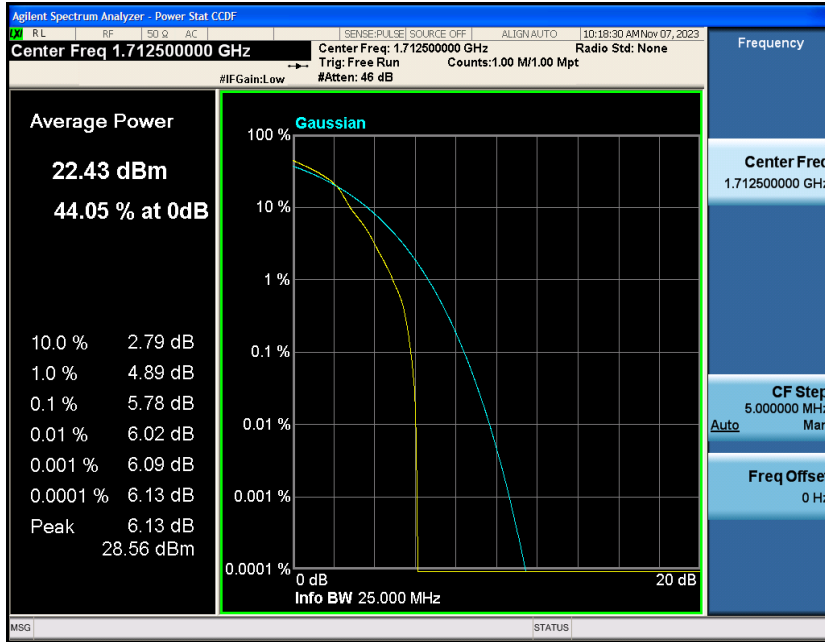
Band4-5MHz-QPSK-20375-1RB#0



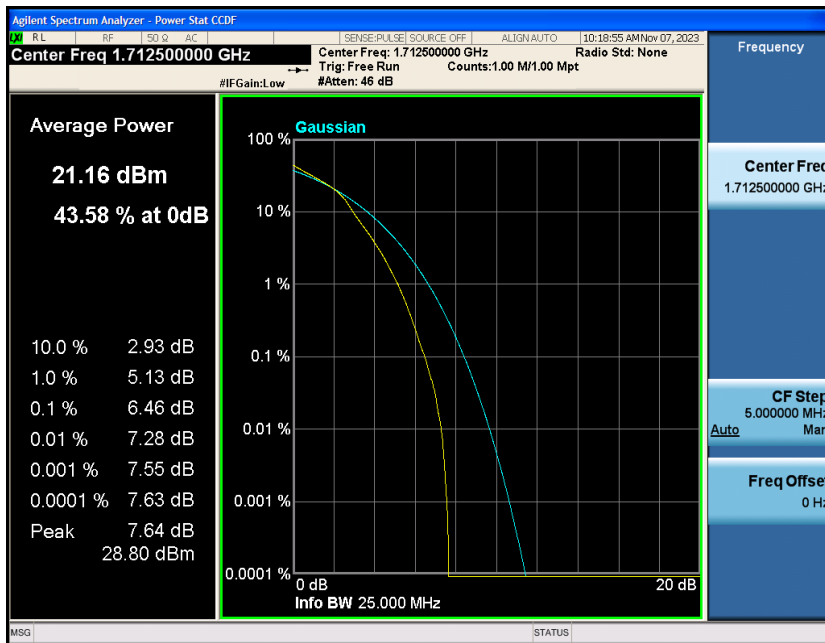
Band4-5MHz-QPSK-20375-25RB#0



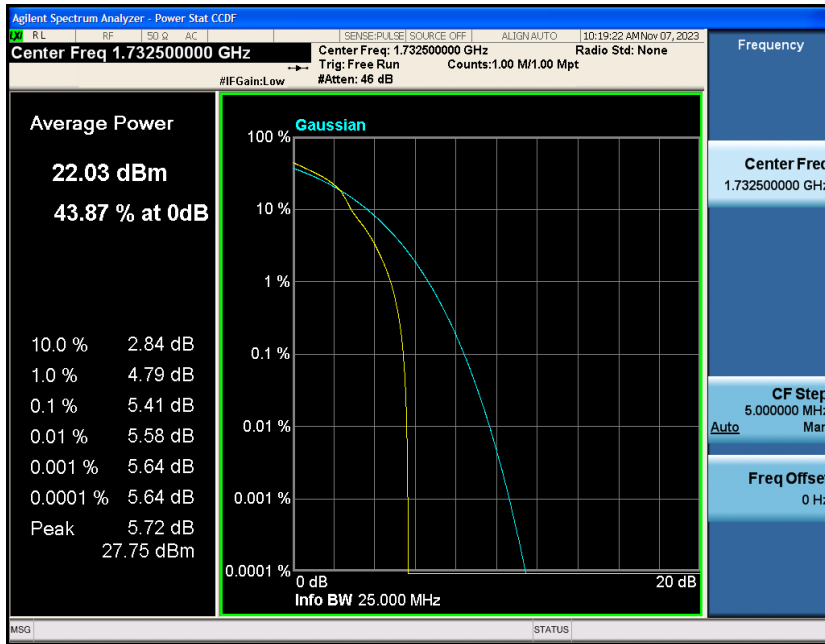
Band4-5MHz-16QAM-19975-1RB#0



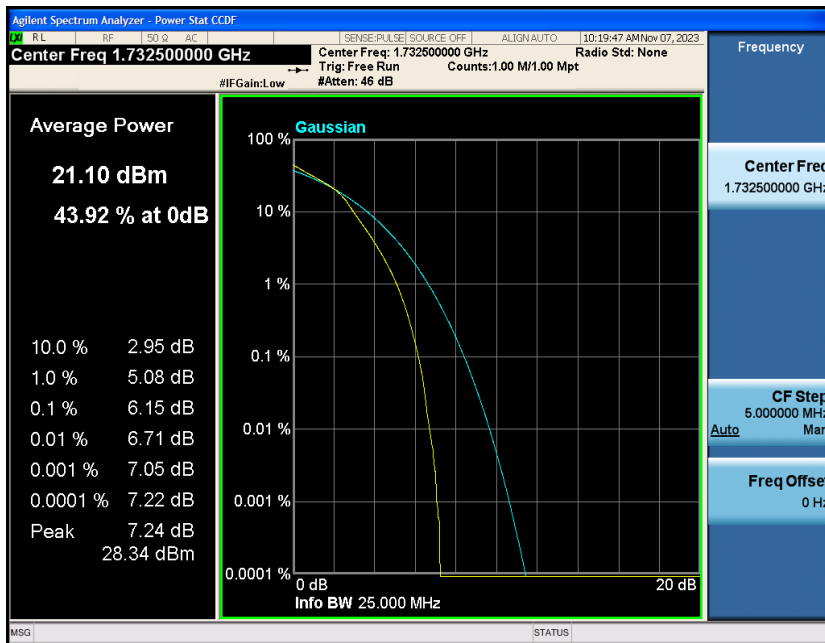
Band4-5MHz-16QAM-19975-25RB#0



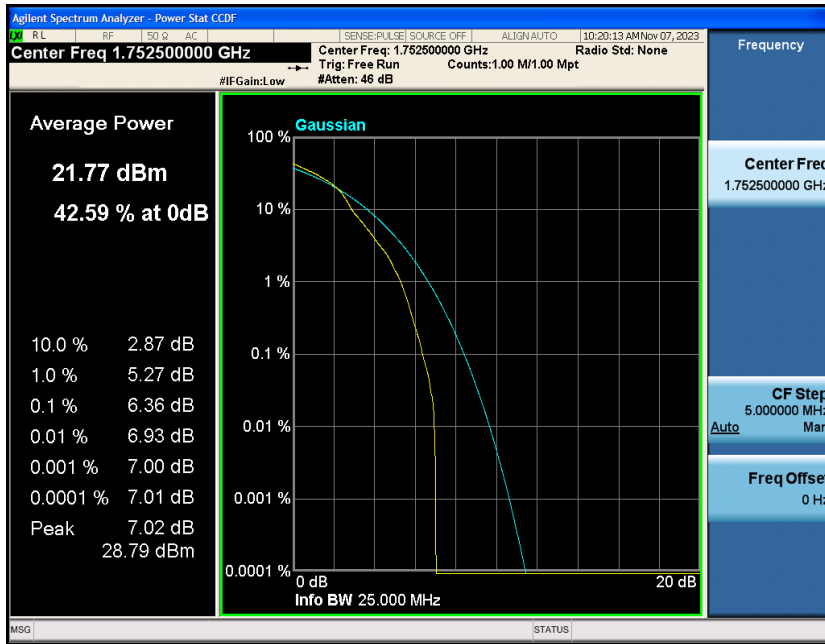
Band4-5MHz-16QAM-20175-1RB#0



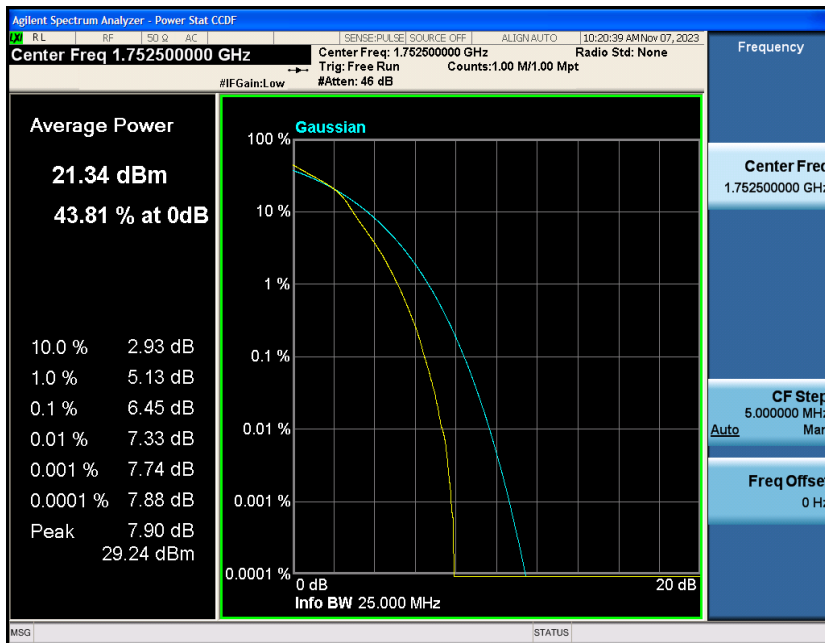
Band4-5MHz-16QAM-20175-25RB#0



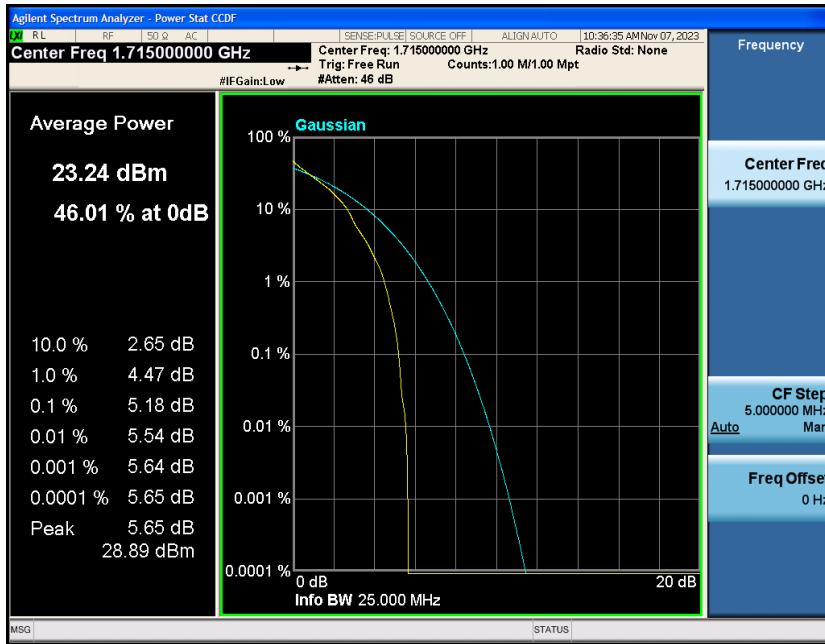
Band4-5MHz-16QAM-20375-1RB#0



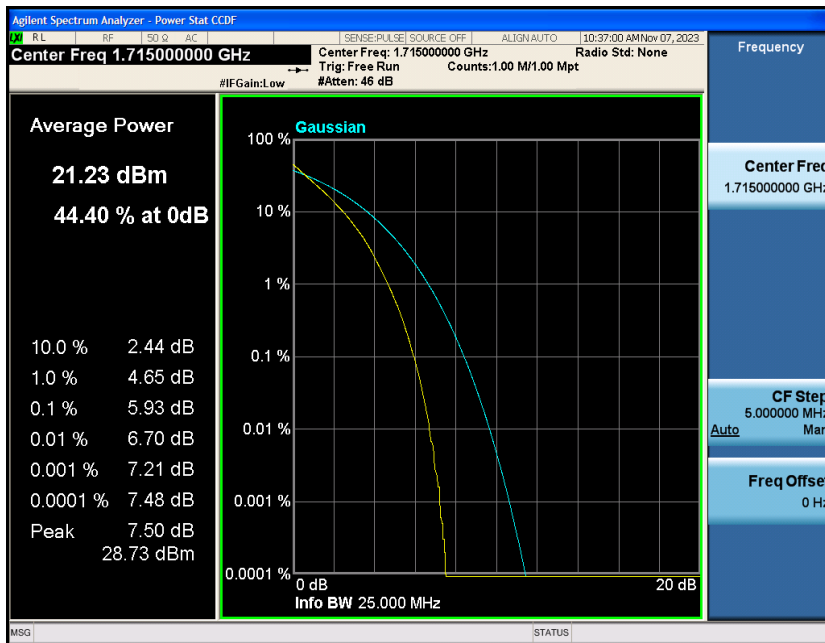
Band4-5MHz-16QAM-20375-25RB#0



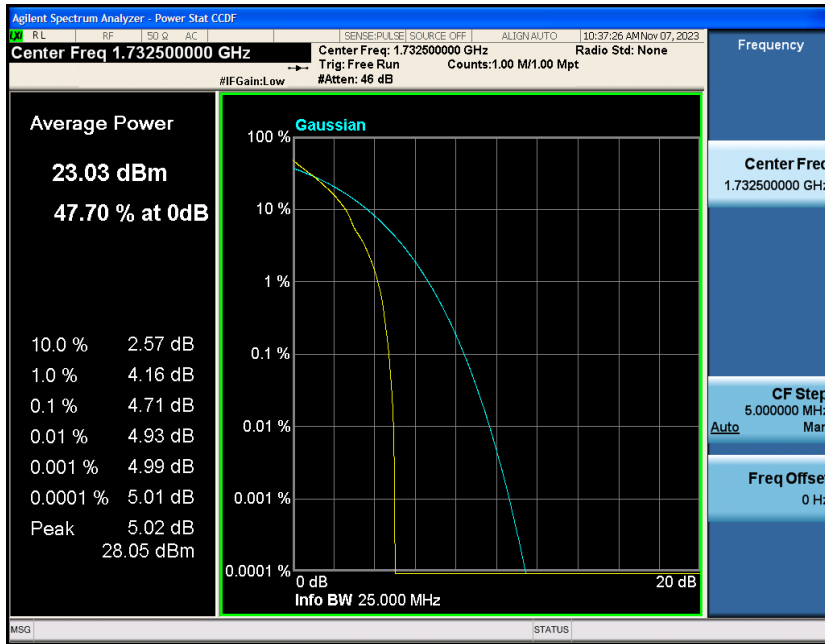
Band4-10MHz-QPSK-20000-1RB#0



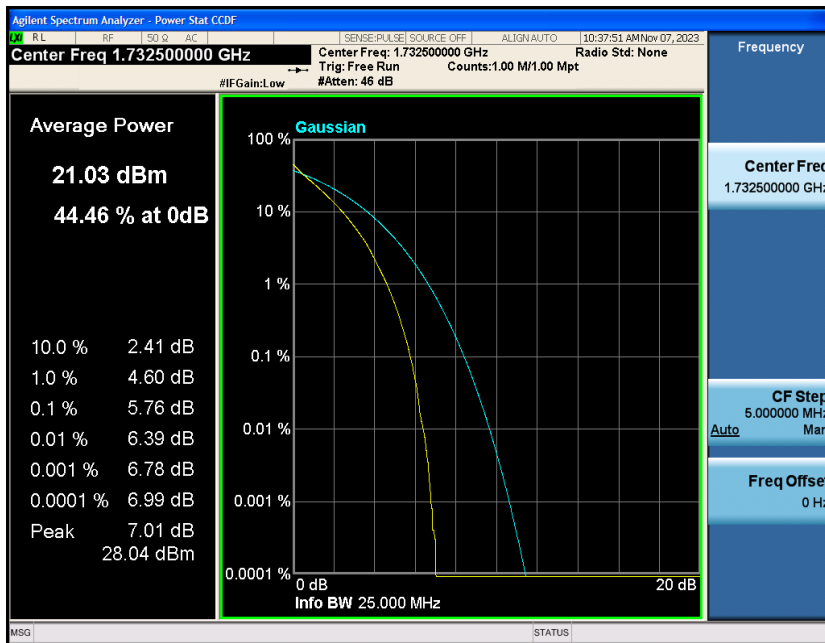
Band4-10MHz-QPSK-20000-50RB#0



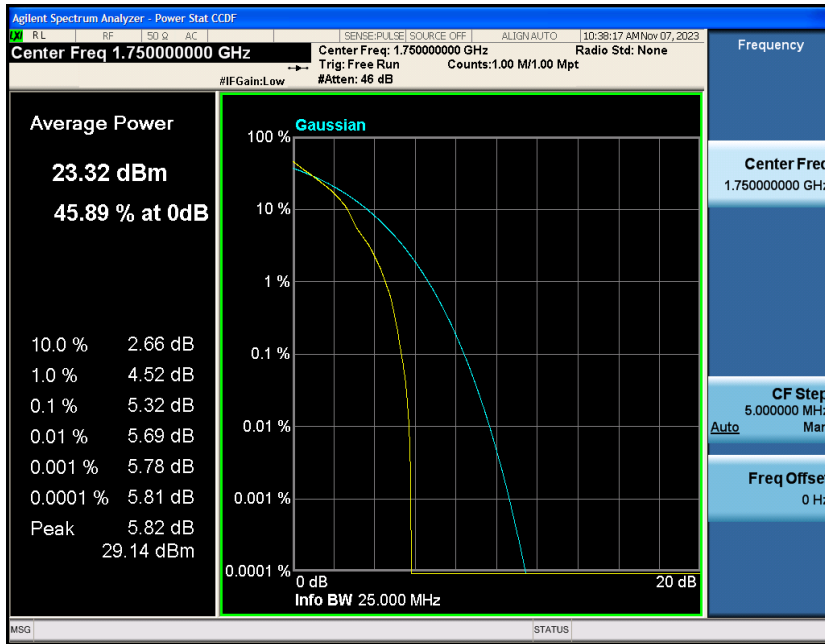
Band4-10MHz-QPSK-20175-1RB#0



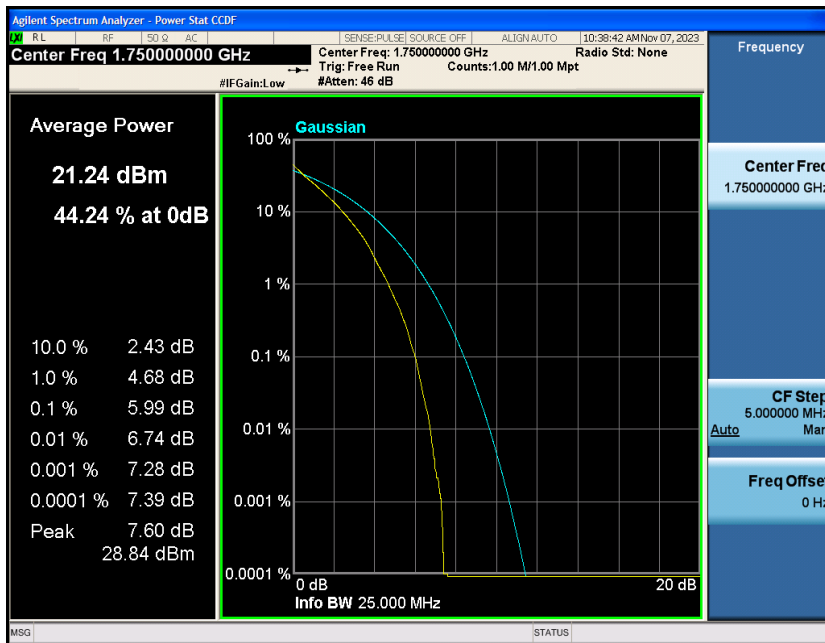
Band4-10MHz-QPSK-20175-50RB#0



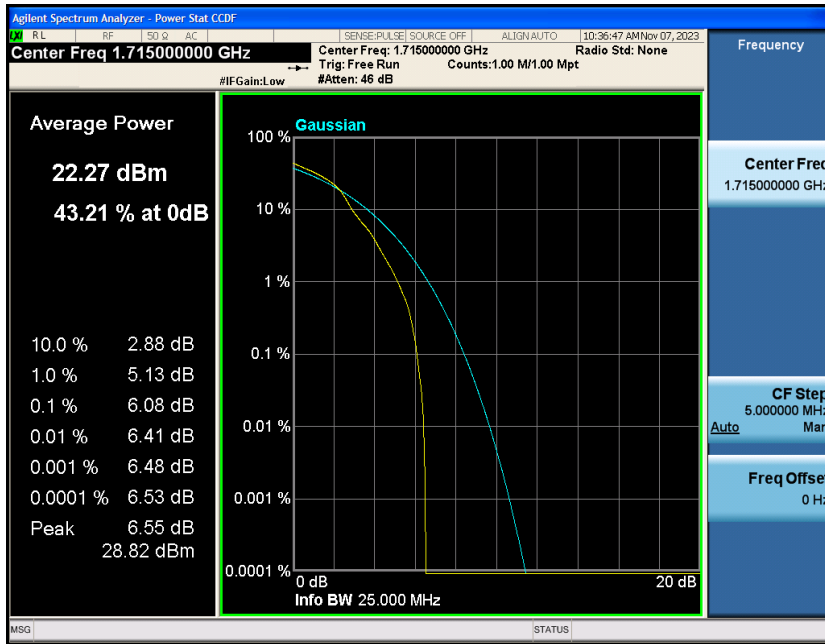
Band4-10MHz-QPSK-20350-1RB#0



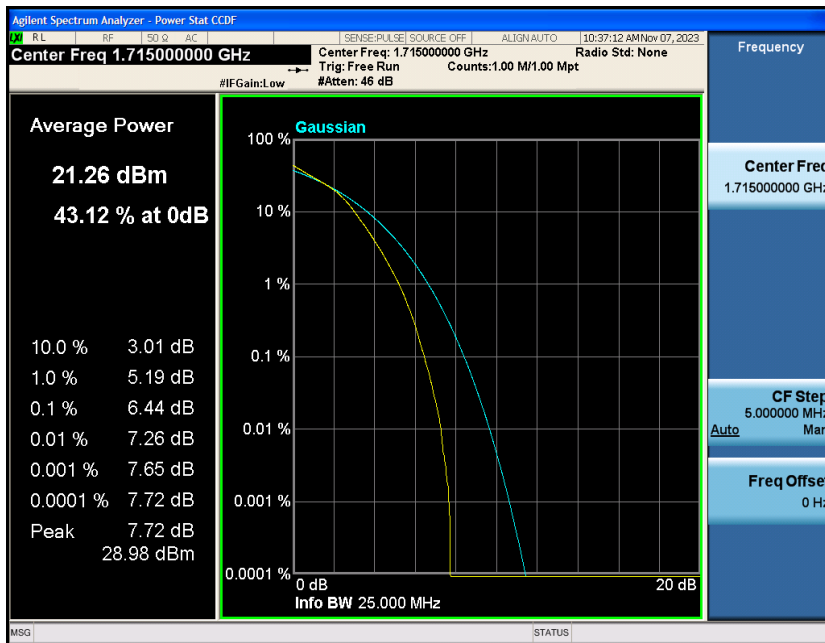
Band4-10MHz-QPSK-20350-50RB#0



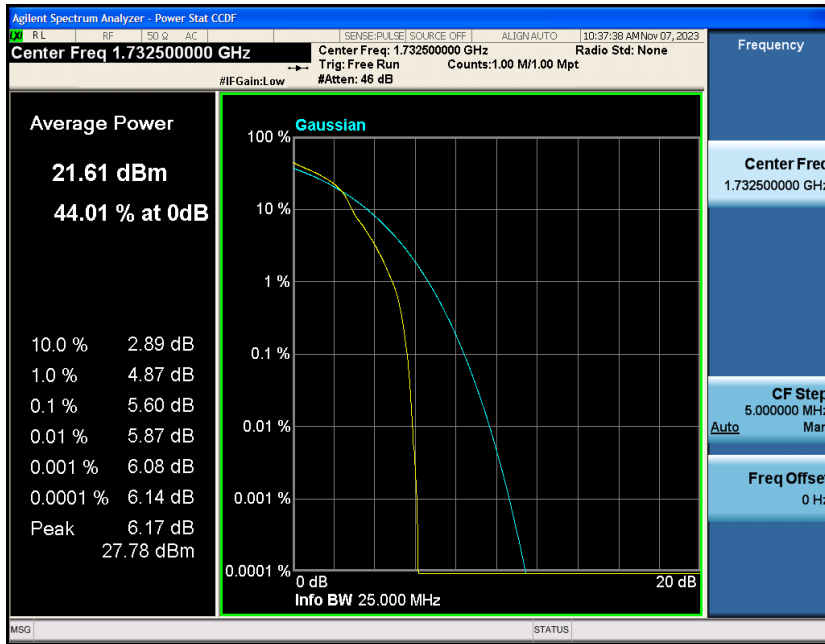
Band4-10MHz-16QAM-20000-1RB#0



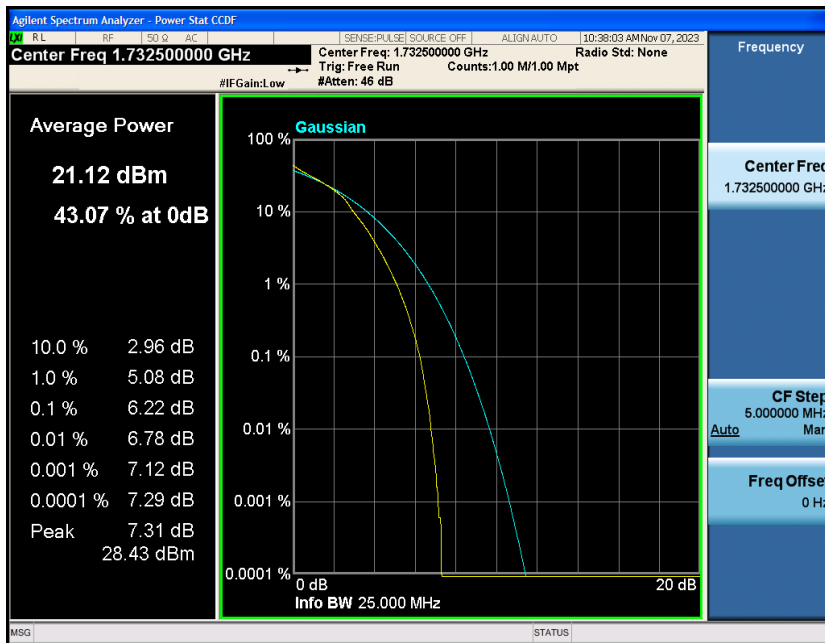
Band4-10MHz-16QAM-20000-50RB#0



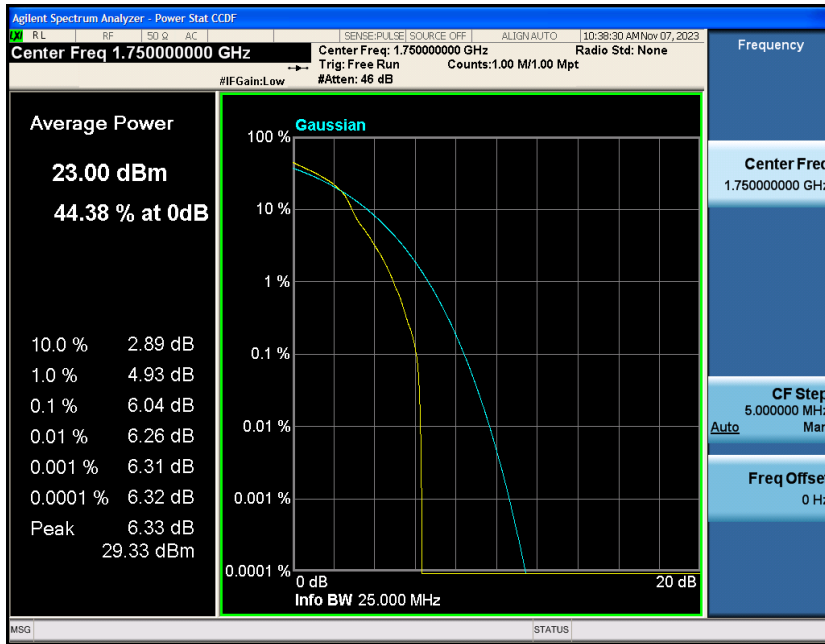
Band4-10MHz-16QAM-20175-1RB#0



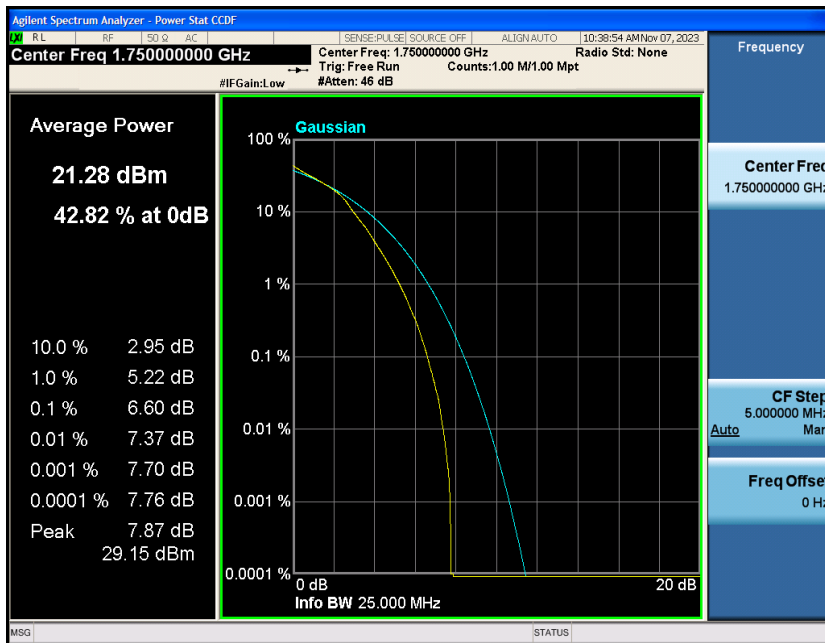
Band4-10MHz-16QAM-20175-50RB#0



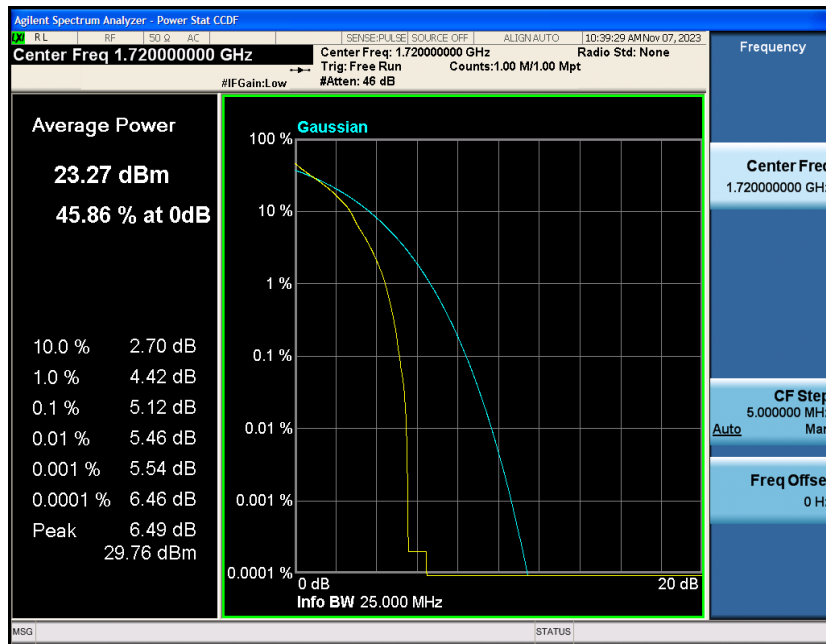
Band4-10MHz-16QAM-20350-1RB#0



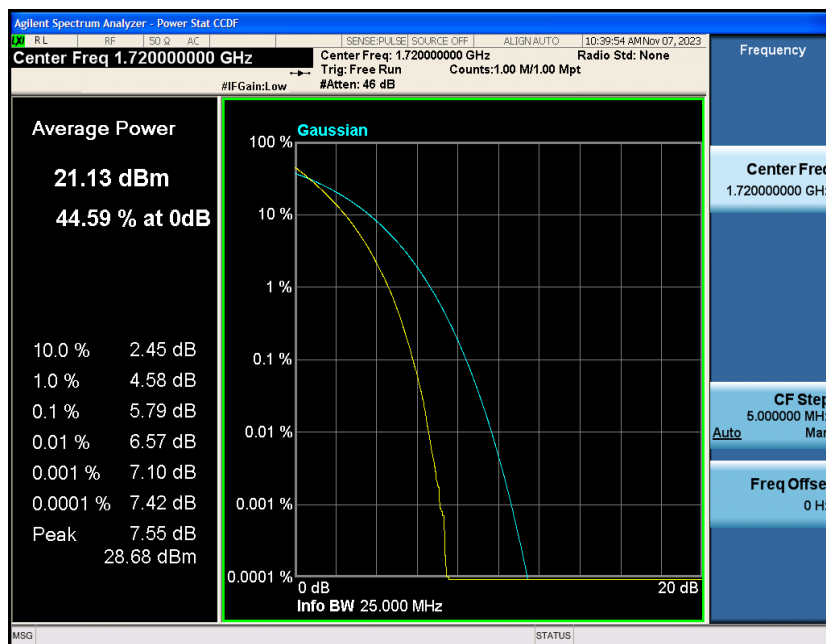
Band4-10MHz-16QAM-20350-50RB#0



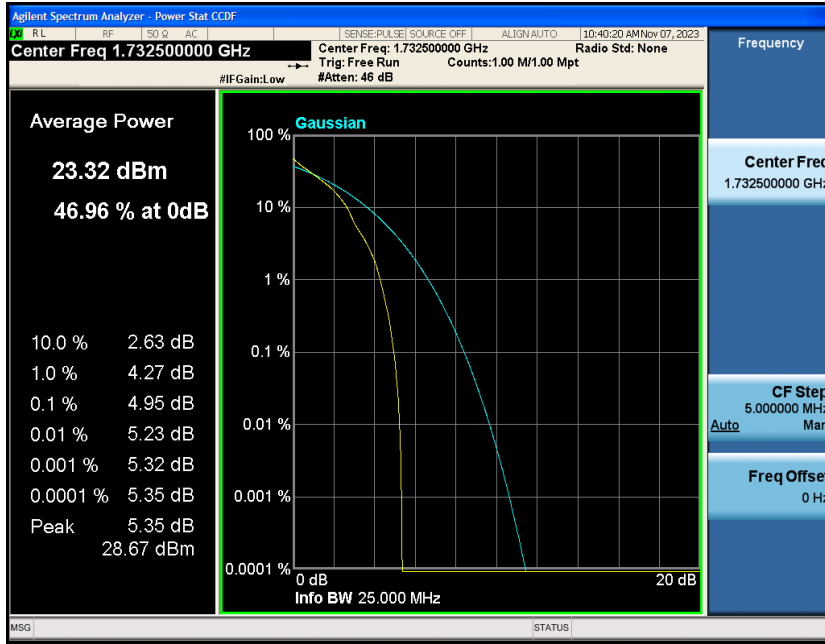
Band4-20MHz-QPSK-20050-1RB#0



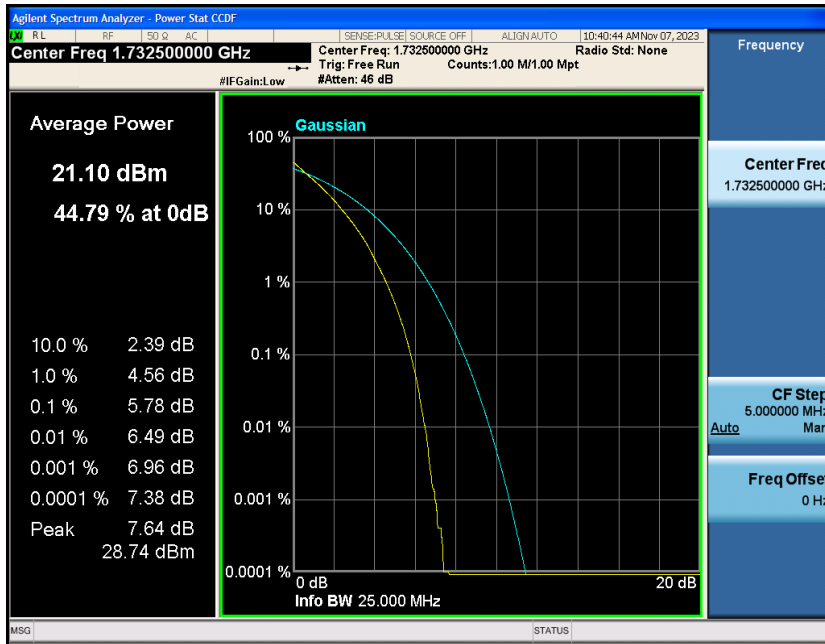
Band4-20MHz-QPSK-20050-100RB#0



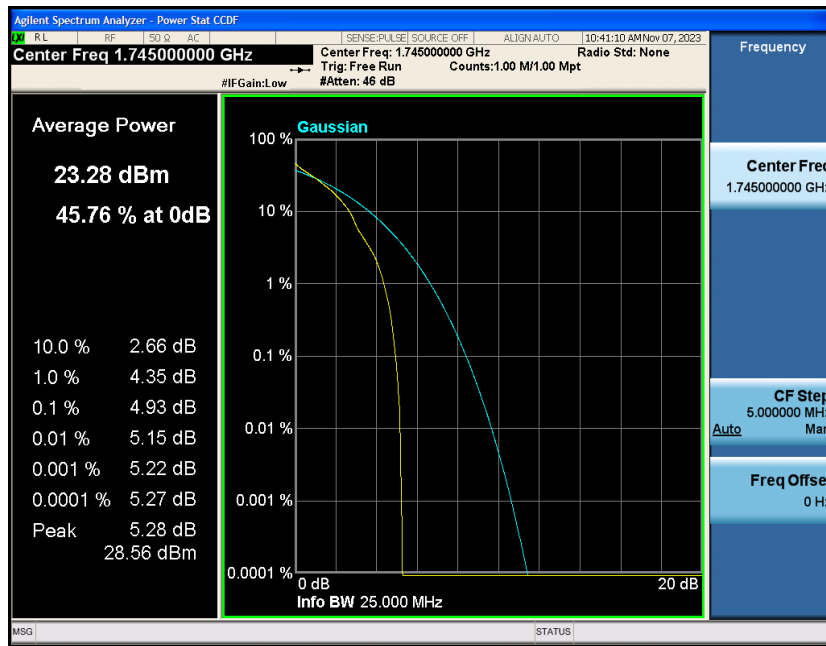
Band4-20MHz-QPSK-20175-1RB#0



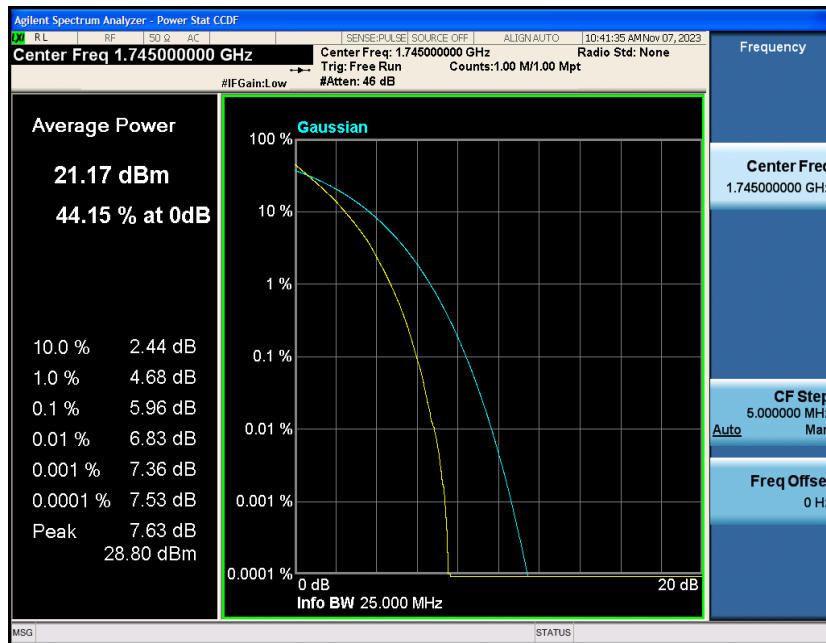
Band4-20MHz-QPSK-20175-100RB#0



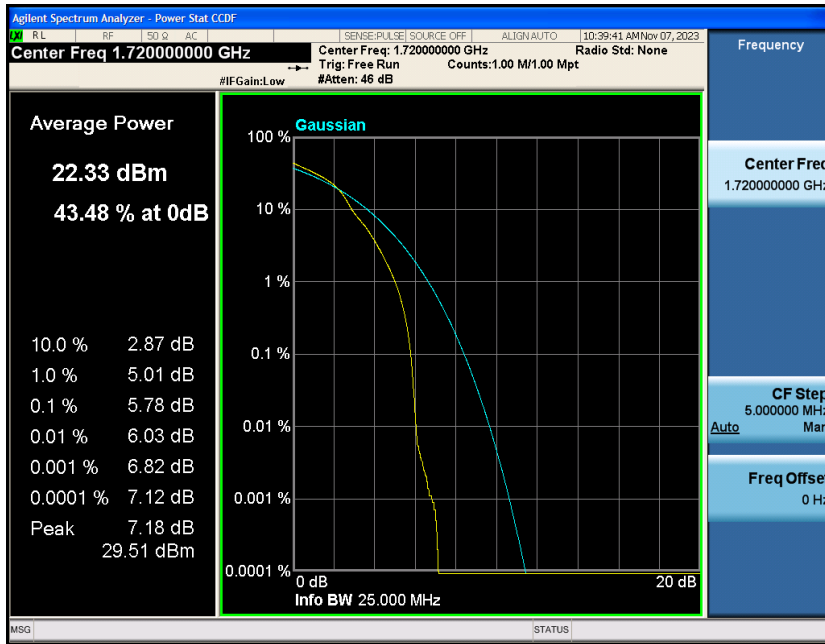
Band4-20MHz-QPSK-20300-1RB#0



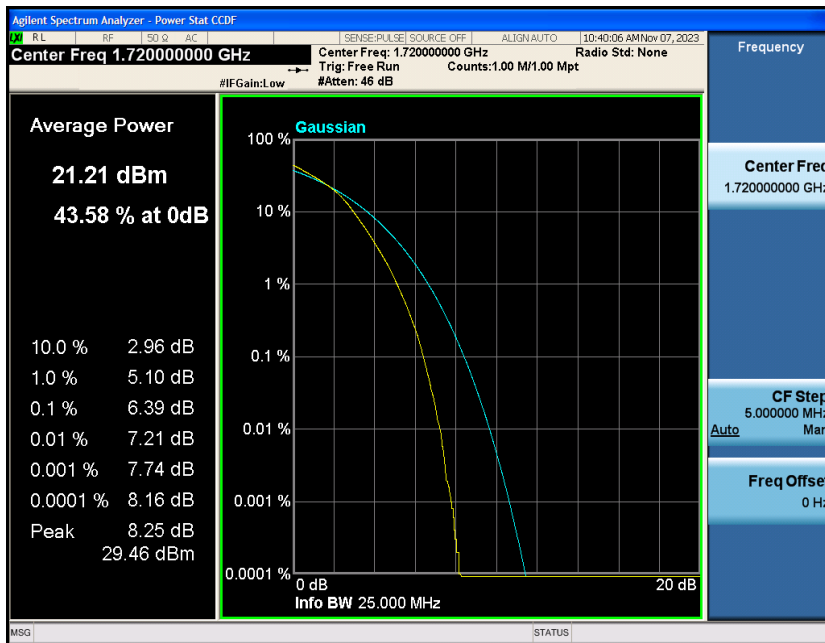
Band4-20MHz-QPSK-20300-100RB#0



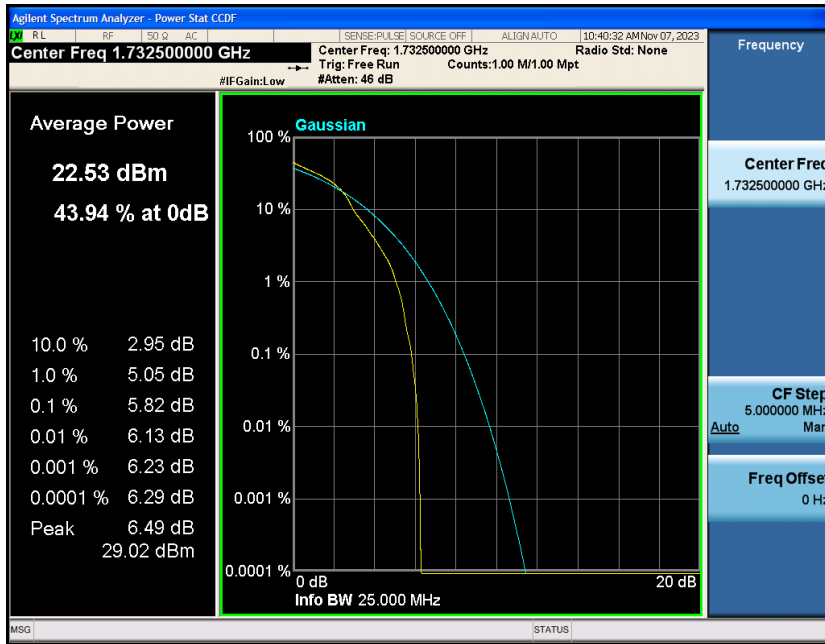
Band4-20MHz-16QAM-20050-1RB#0



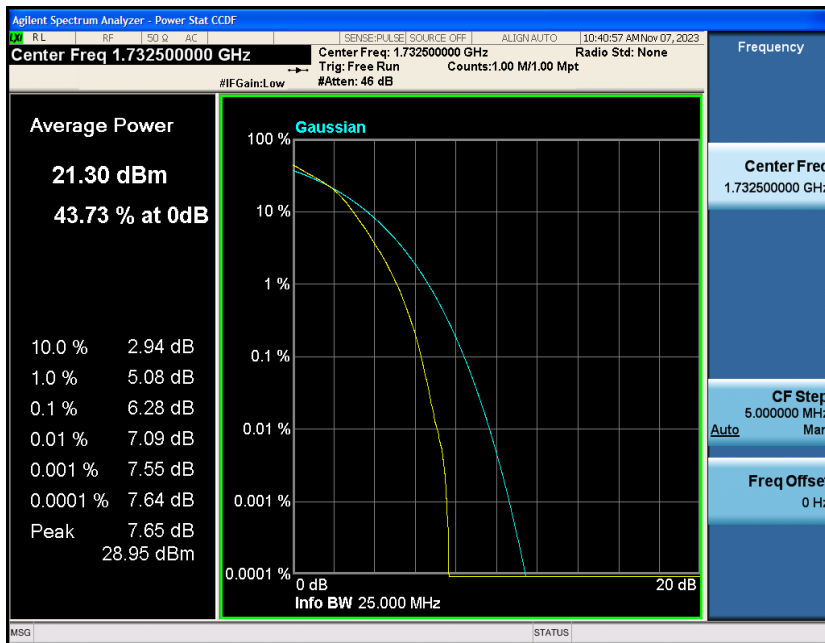
Band4-20MHz-16QAM-20050-100RB#0



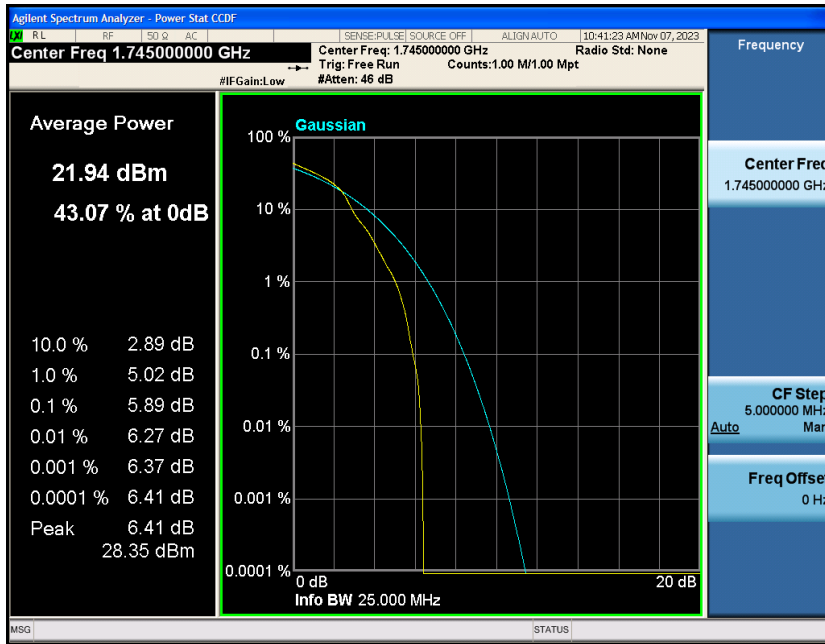
Band4-20MHz-16QAM-20175-1RB#0



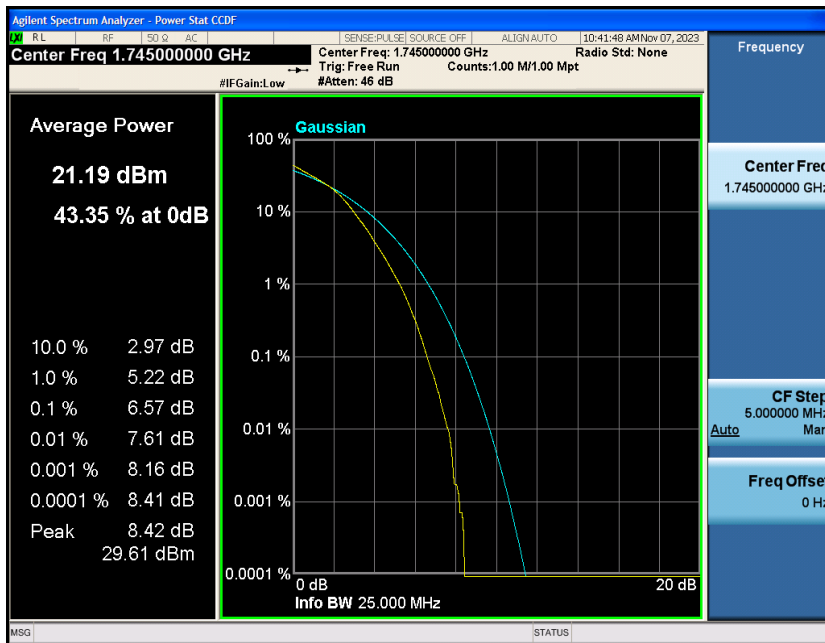
Band4-20MHz-16QAM-20175-100RB#0



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



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



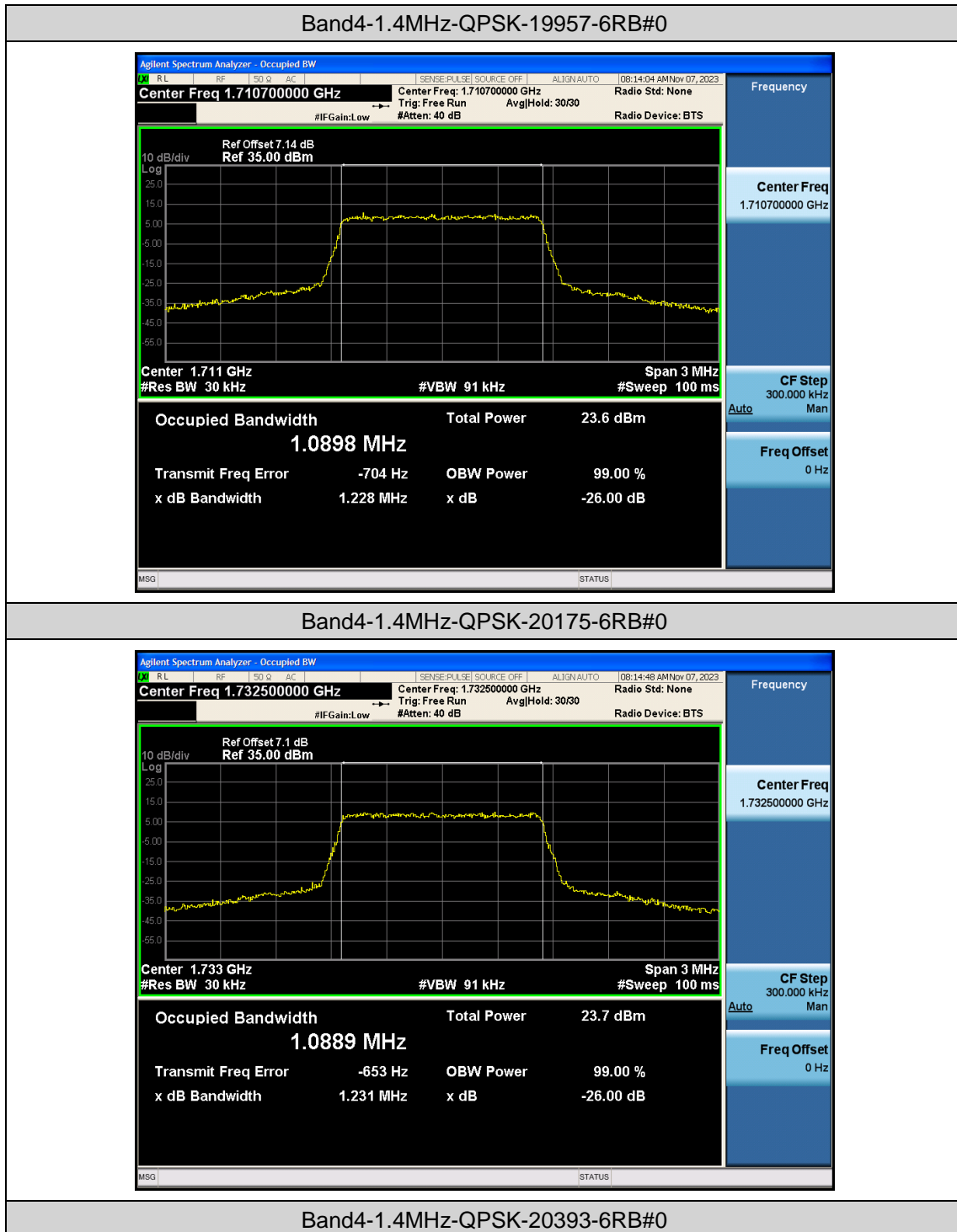
Appendix C: 26dB Bandwidth and Occupied Bandwidth

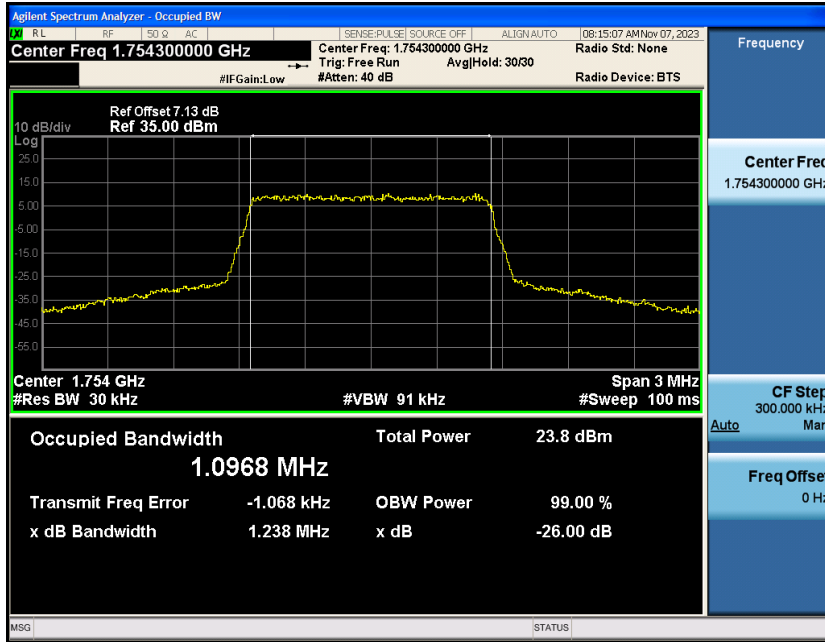
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0898	1.228	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0889	1.231	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0968	1.238	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0907	1.242	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0917	1.238	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0910	1.238	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6963	2.972	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7004	2.975	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6930	2.951	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6983	2.997	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6998	2.959	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6908	2.981	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4931	4.879	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4940	4.902	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5083	4.888	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4972	4.876	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4904	4.905	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5024	4.873	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9875	9.560	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9754	9.530	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9909	9.611	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9840	9.548	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9844	9.592	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9748	9.579	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.473	14.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.443	14.31	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.470	14.33	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.459	14.28	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.440	14.28	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.471	14.36	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.936	18.97	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.912	18.99	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.972	18.99	PASS

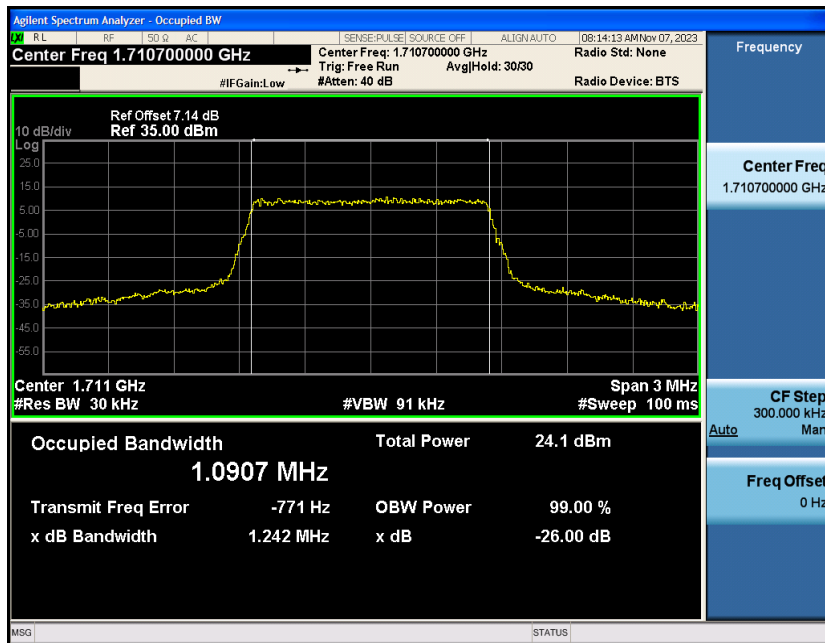
Band4	20MHz	16QAM	20050	100RB#0	17.940	18.97	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.931	19.01	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.983	19.05	PASS

Test Graphs

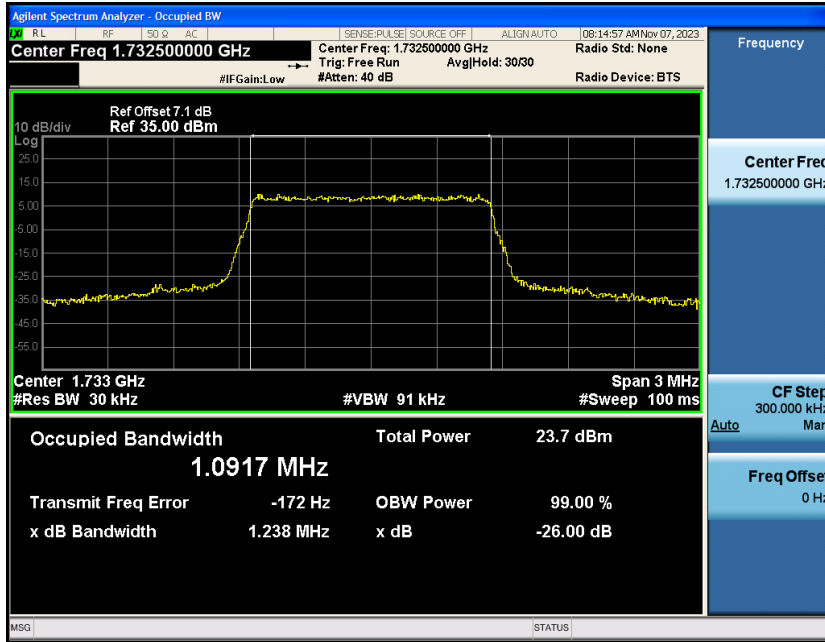




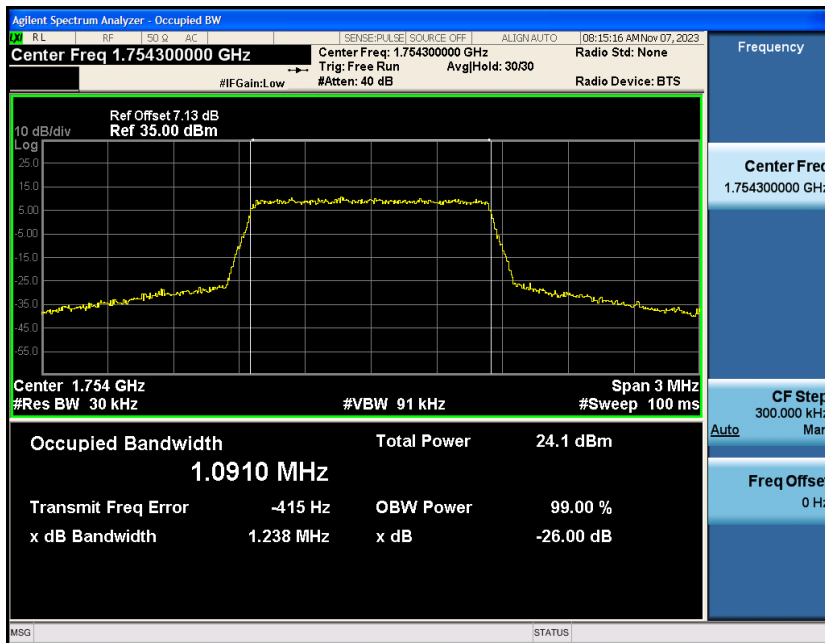
Band4-1.4MHz-16QAM-19957-6RB#0



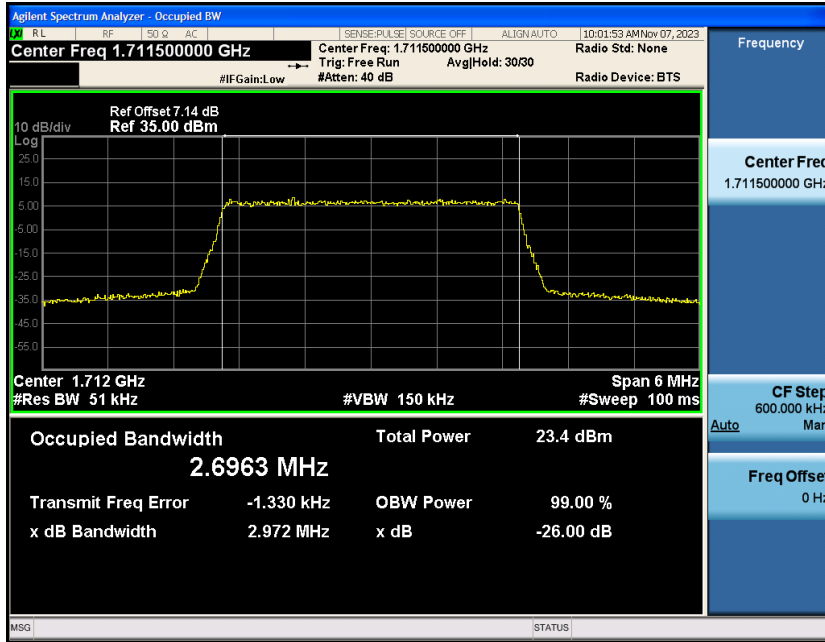
Band4-1.4MHz-16QAM-20175-6RB#0



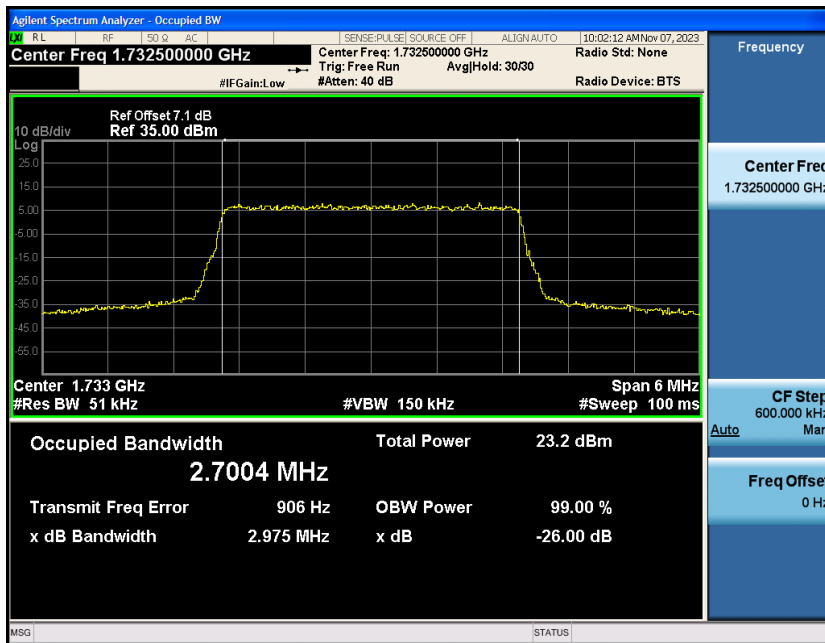
Band4-1.4MHz-16QAM-20393-6RB#0



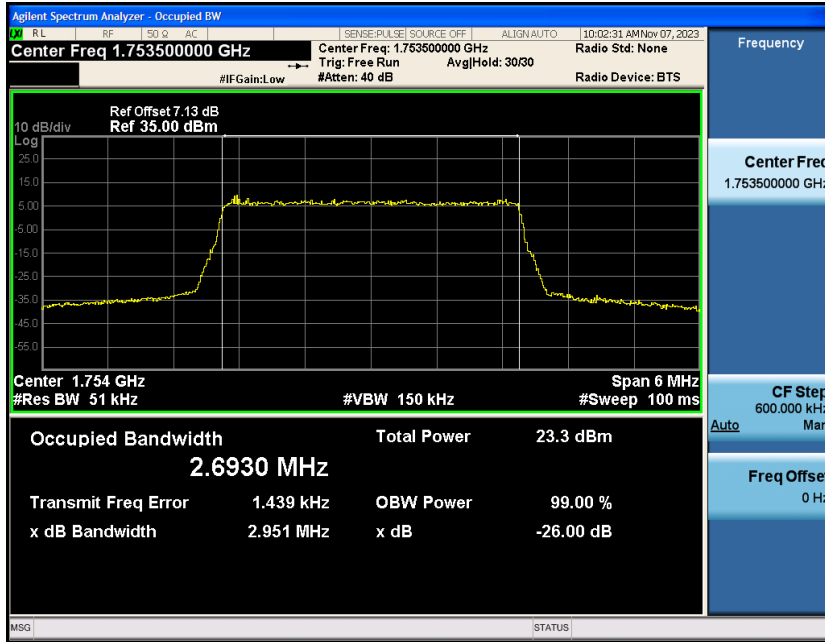
Band4-3MHz-QPSK-19965-15RB#0



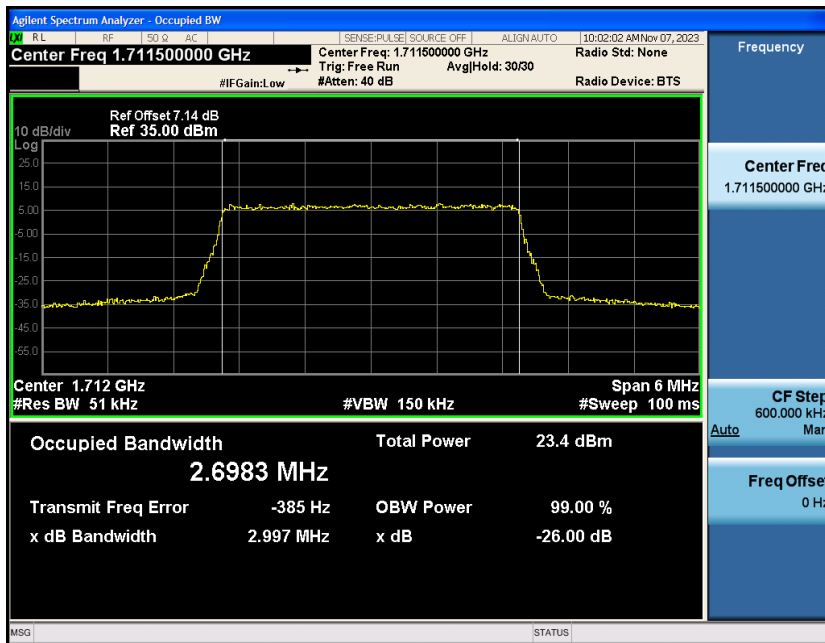
Band4-3MHz-QPSK-20175-15RB#0



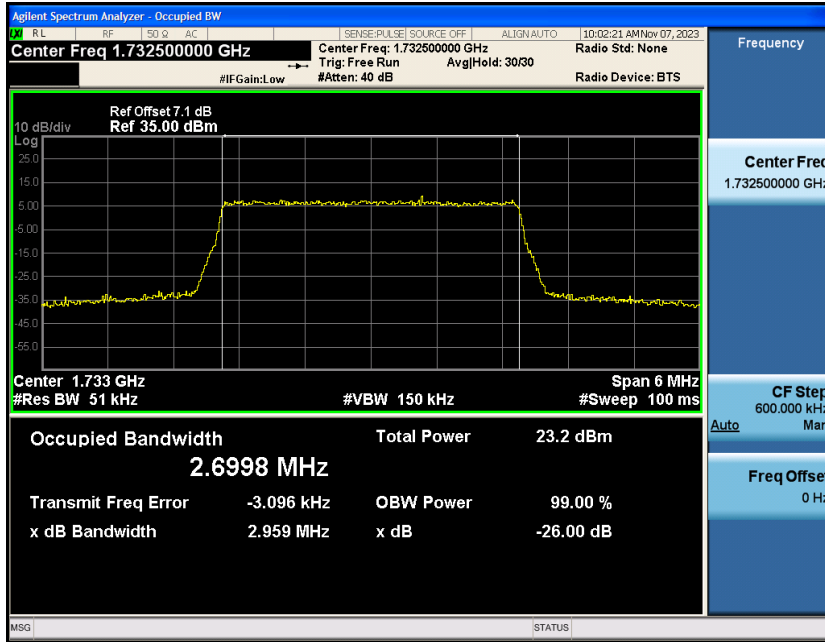
Band4-3MHz-QPSK-20385-15RB#0



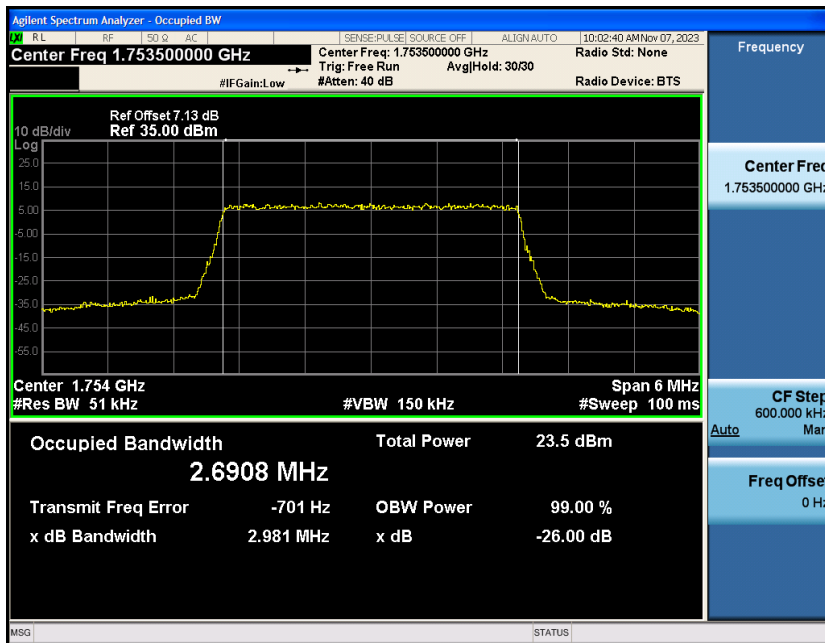
Band4-3MHz-16QAM-19965-15RB#0



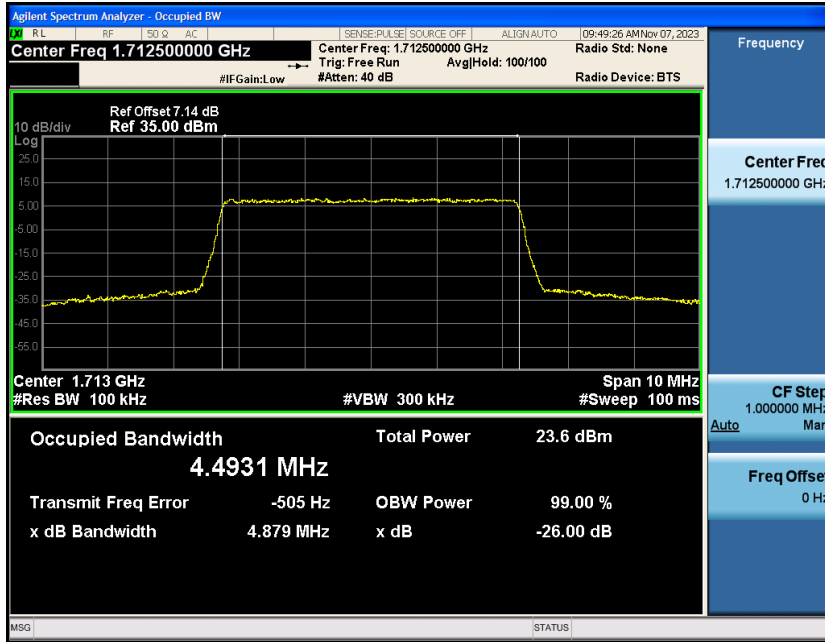
Band4-3MHz-16QAM-20175-15RB#0



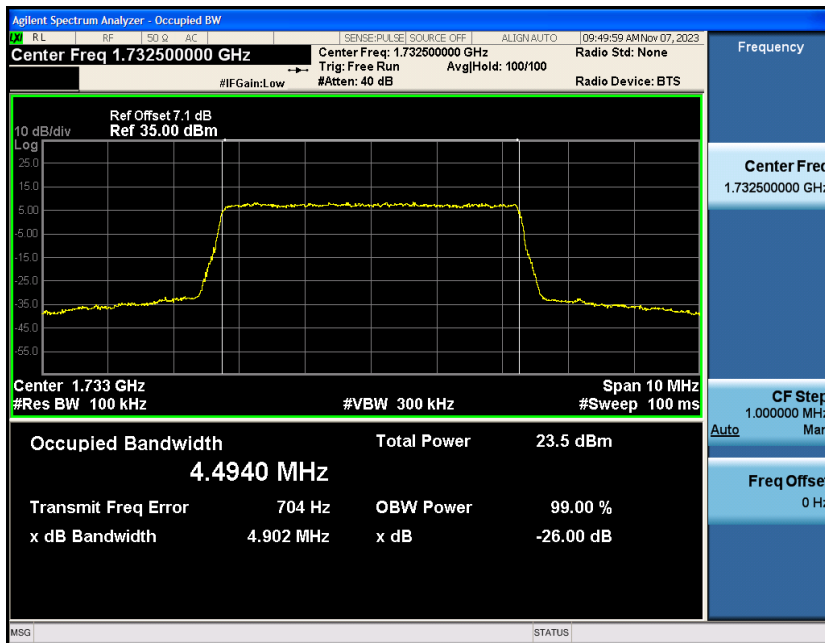
Band4-3MHz-16QAM-20385-15RB#0



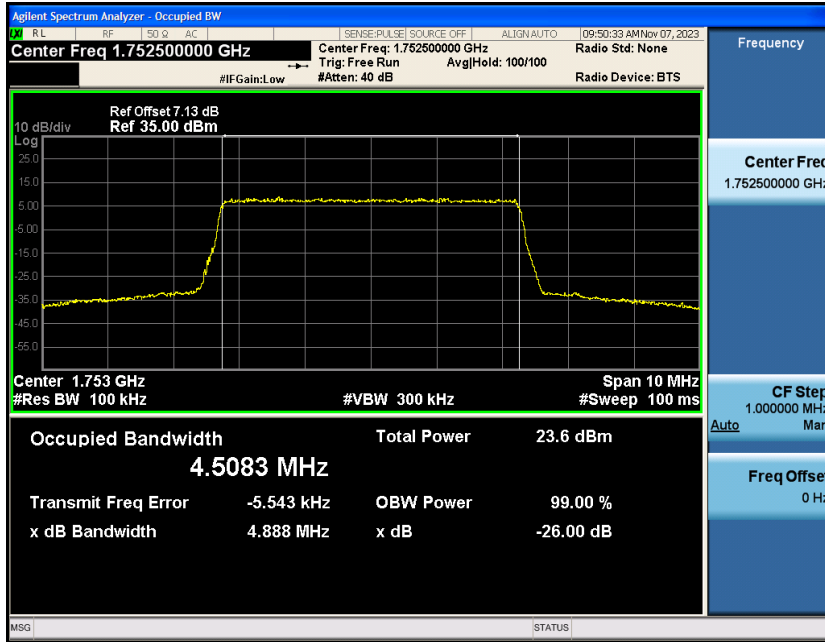
Band4-5MHz-QPSK-19975-25RB#0



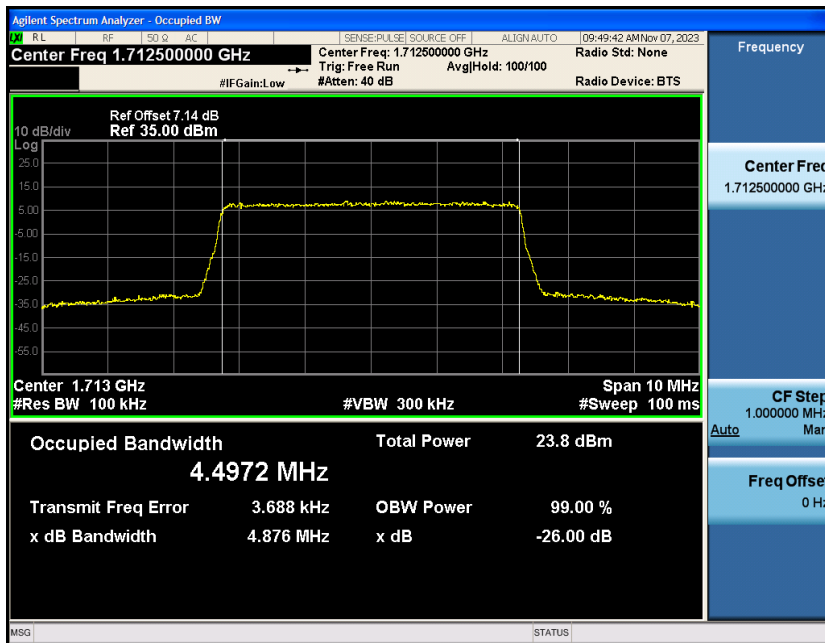
Band4-5MHz-QPSK-20175-25RB#0



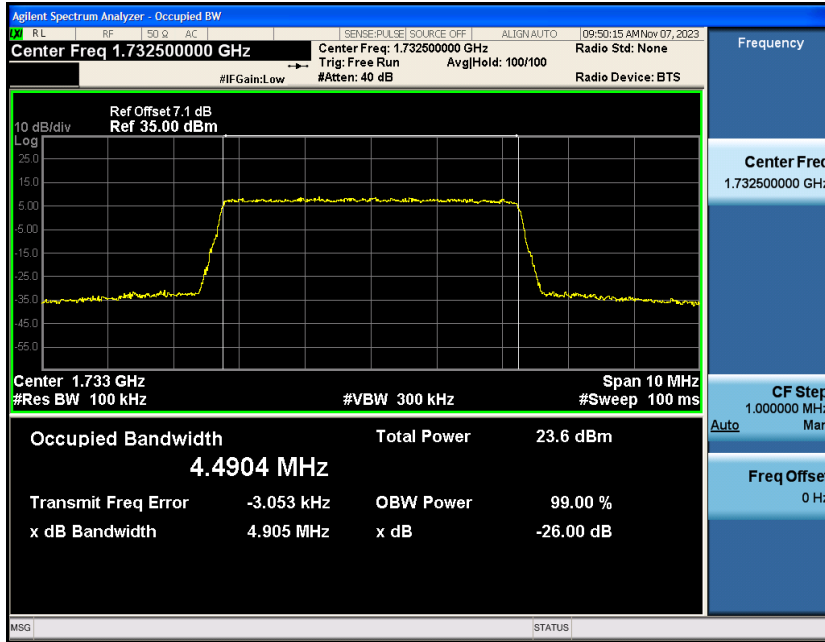
Band4-5MHz-QPSK-20375-25RB#0



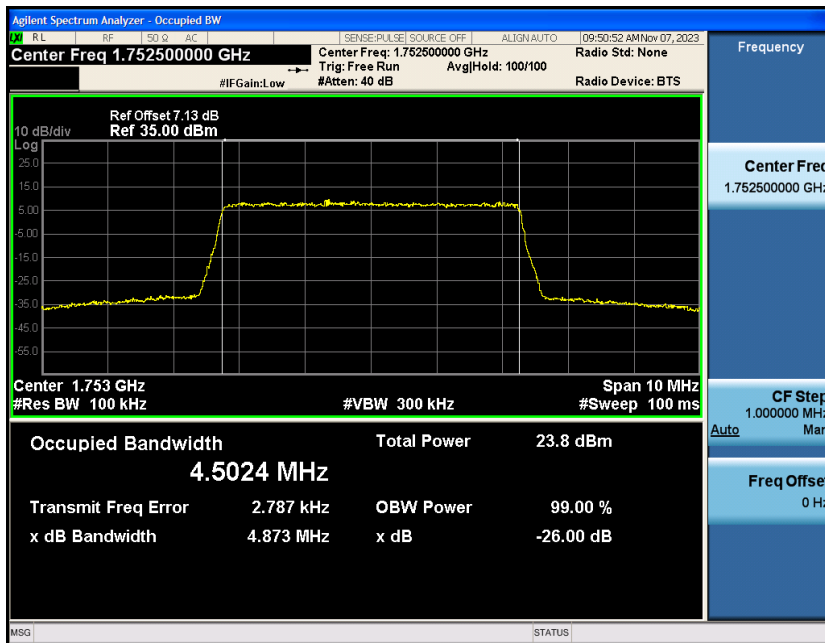
Band4-5MHz-16QAM-19975-25RB#0



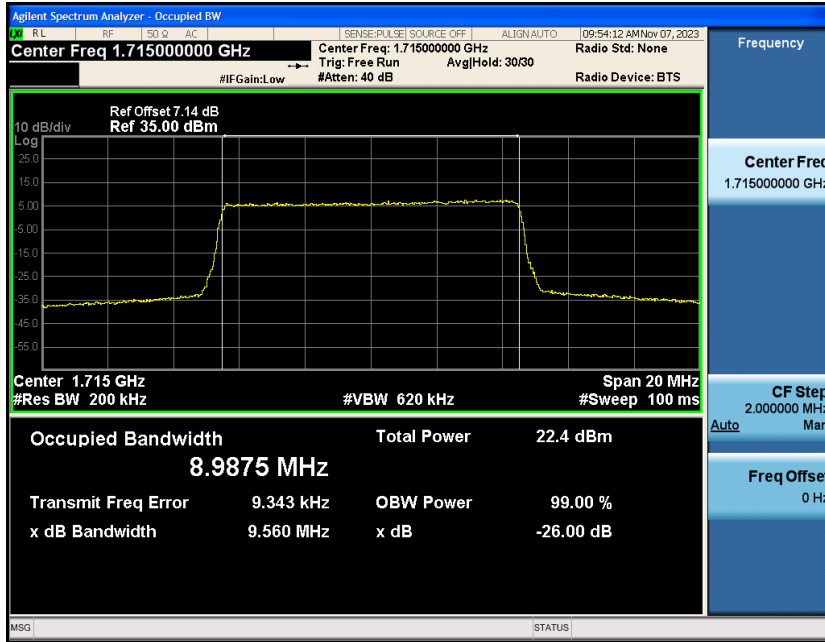
Band4-5MHz-16QAM-20175-25RB#0



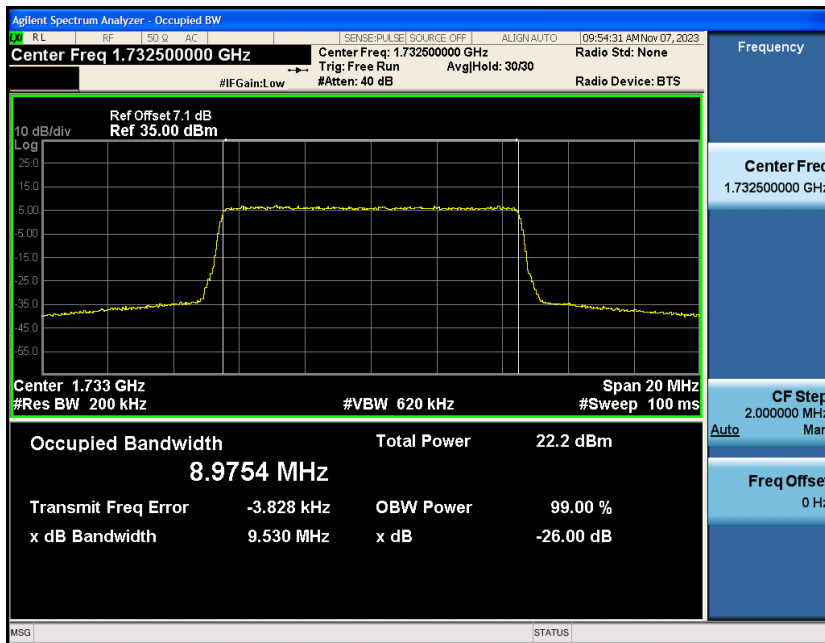
Band4-5MHz-16QAM-20375-25RB#0



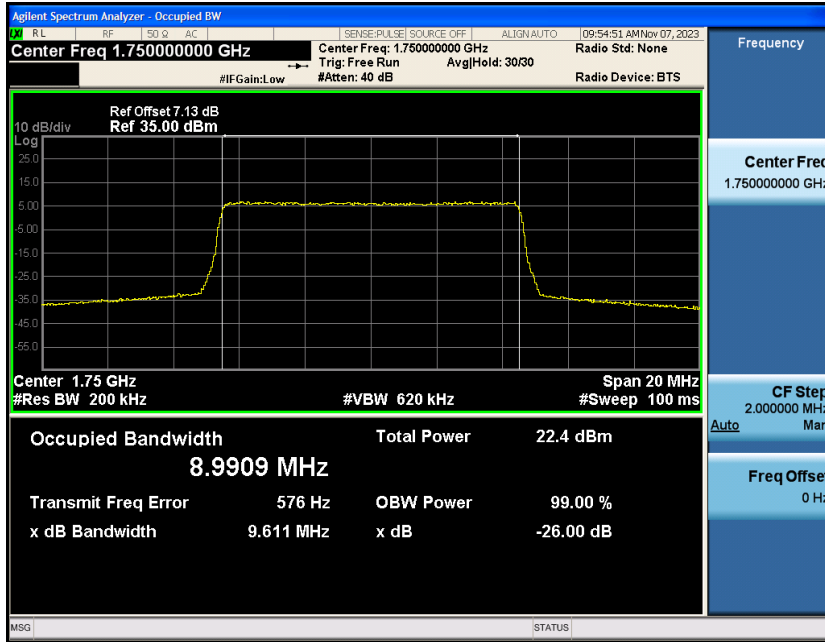
Band4-10MHz-QPSK-20000-50RB#0



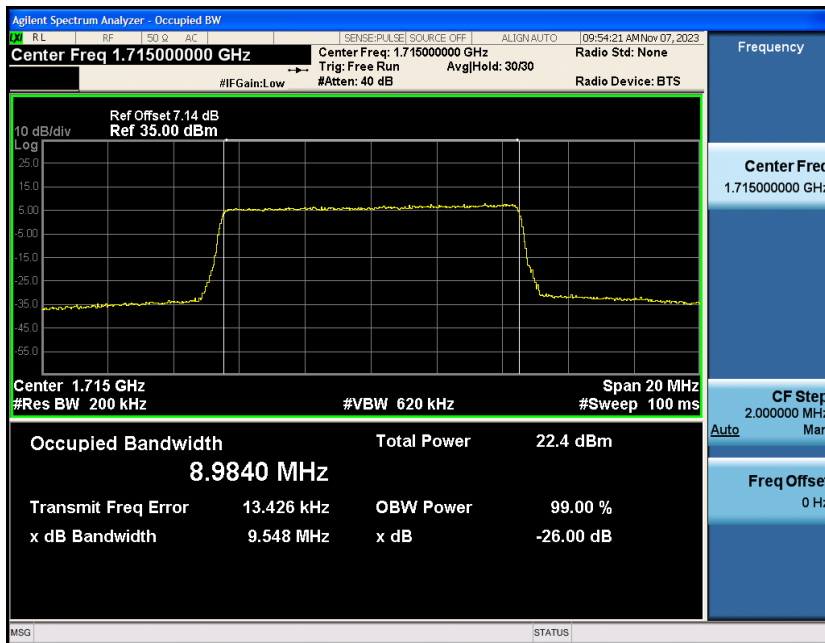
Band4-10MHz-QPSK-20175-50RB#0



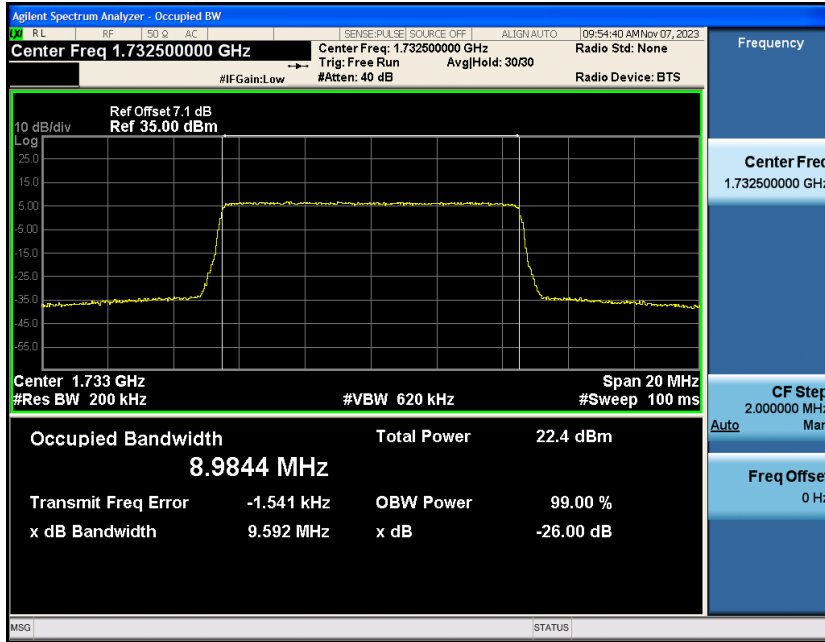
Band4-10MHz-QPSK-20350-50RB#0



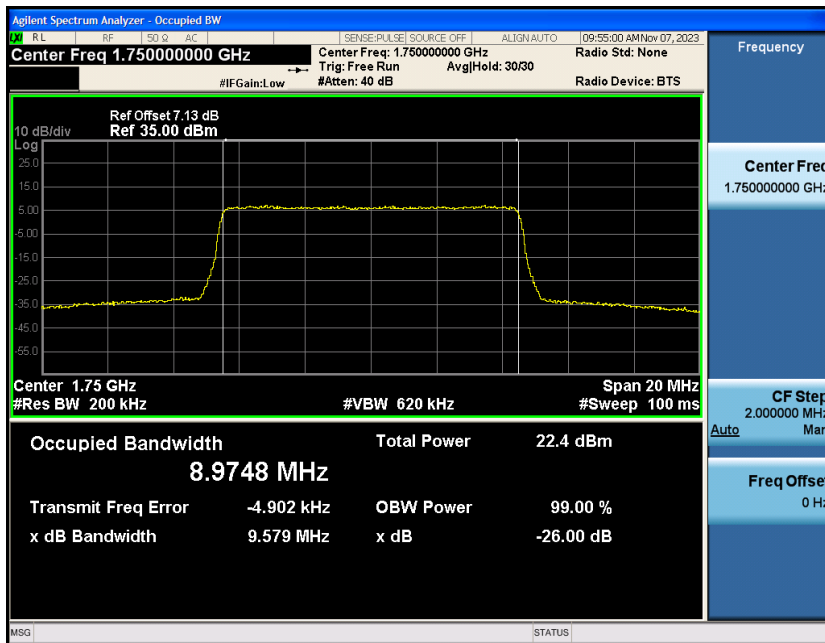
Band4-10MHz-16QAM-20000-50RB#0



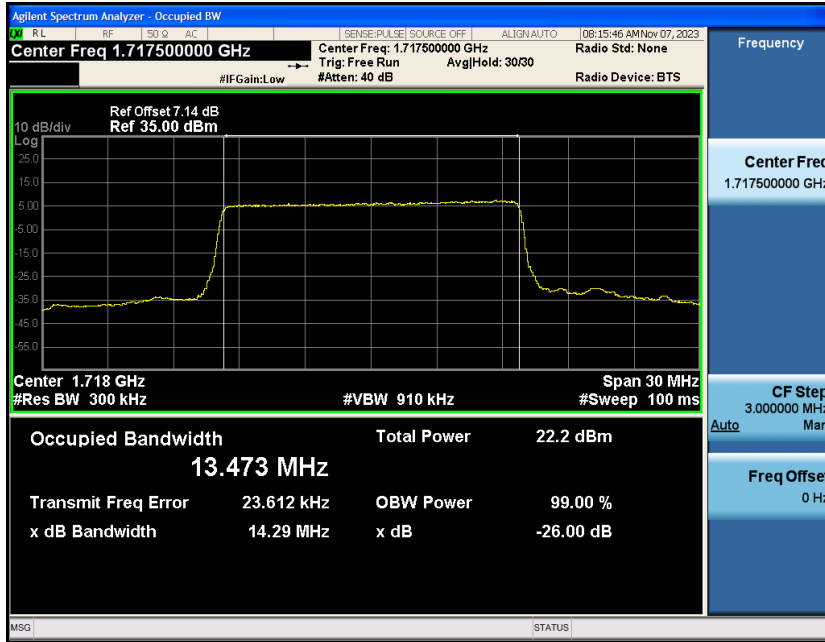
Band4-10MHz-16QAM-20175-50RB#0



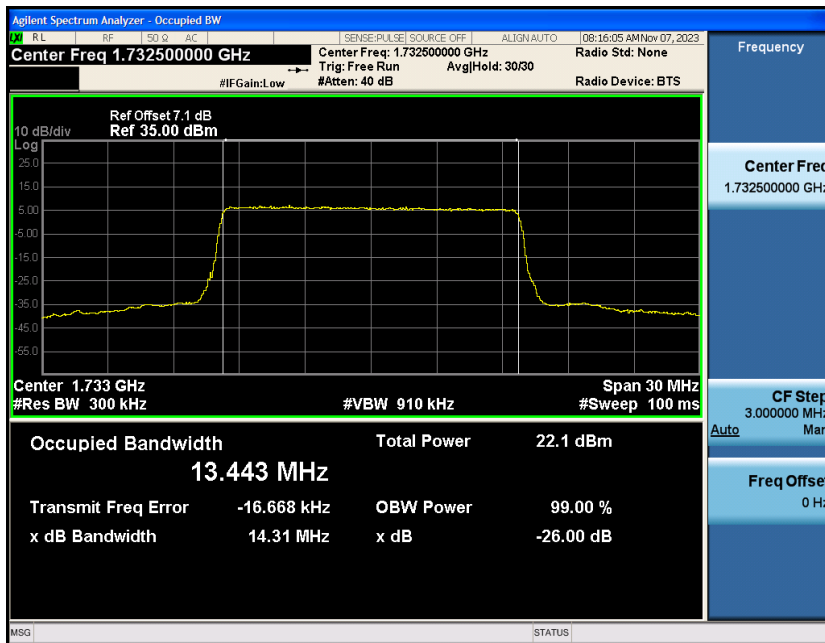
Band4-10MHz-16QAM-20350-50RB#0



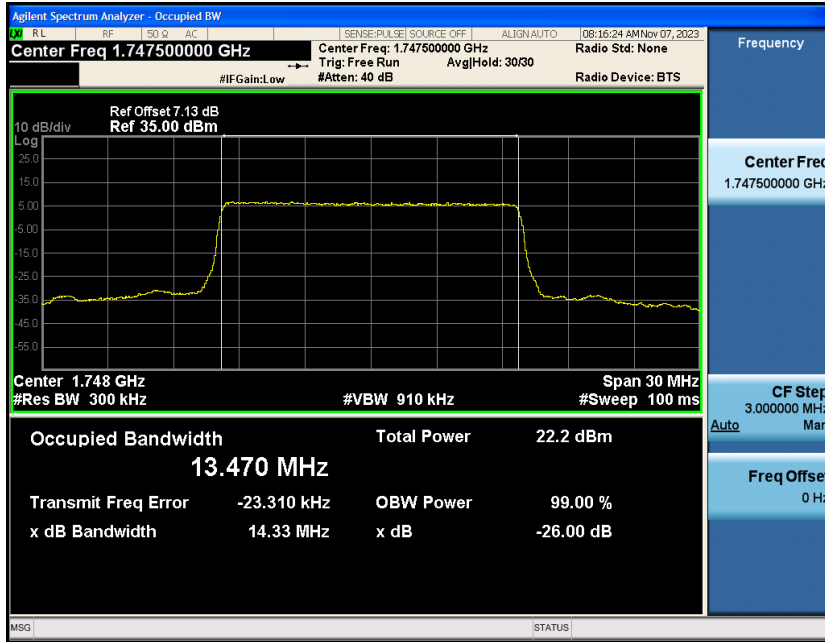
Band4-15MHz-QPSK-20025-75RB#0



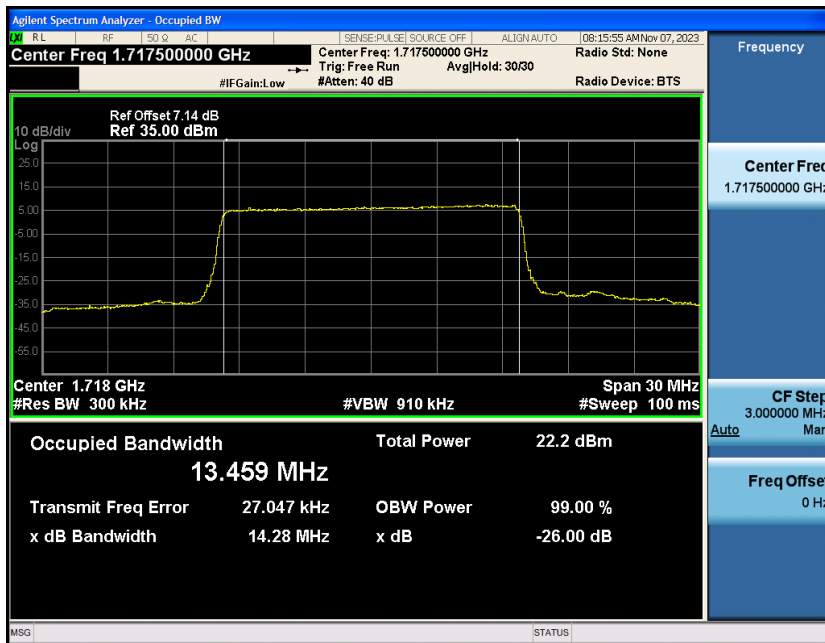
Band4-15MHz-QPSK-20175-75RB#0



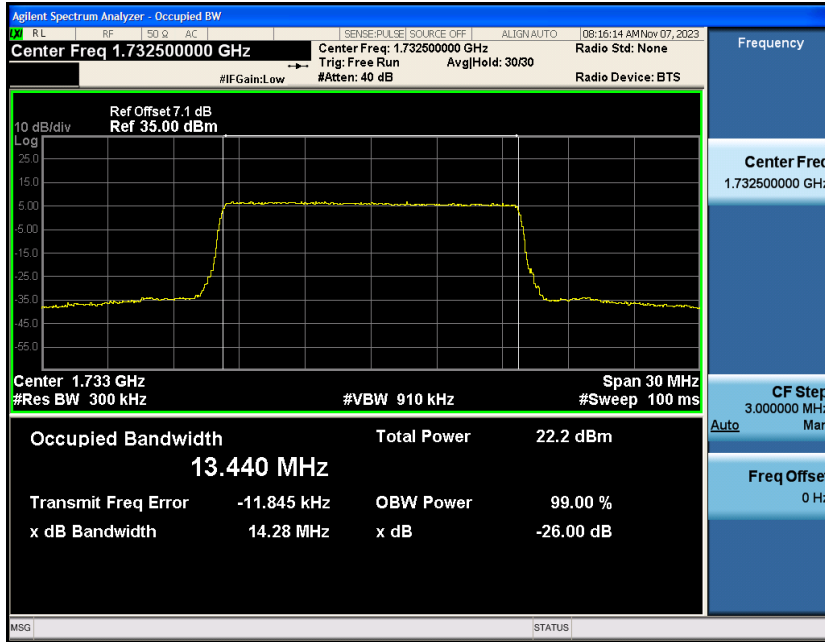
Band4-15MHz-QPSK-20325-75RB#0



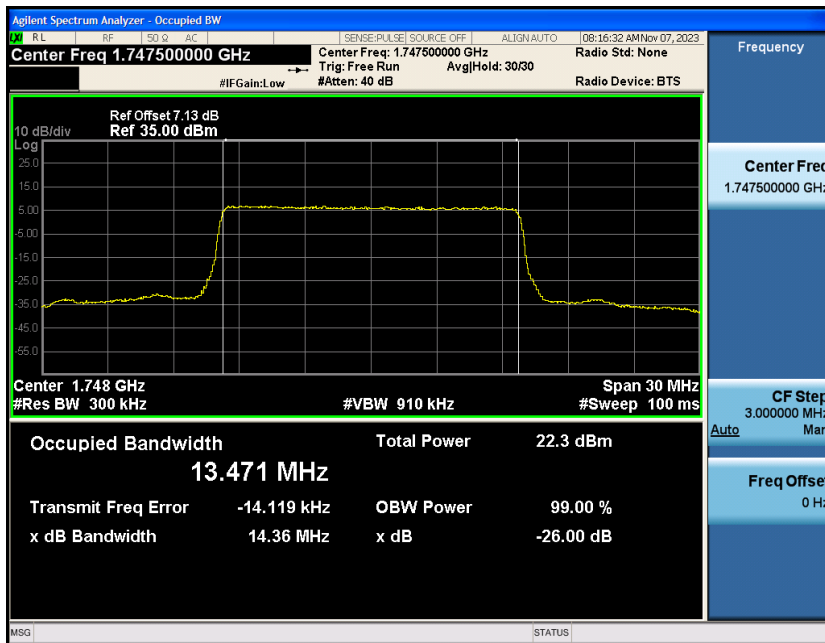
Band4-15MHz-16QAM-20025-75RB#0



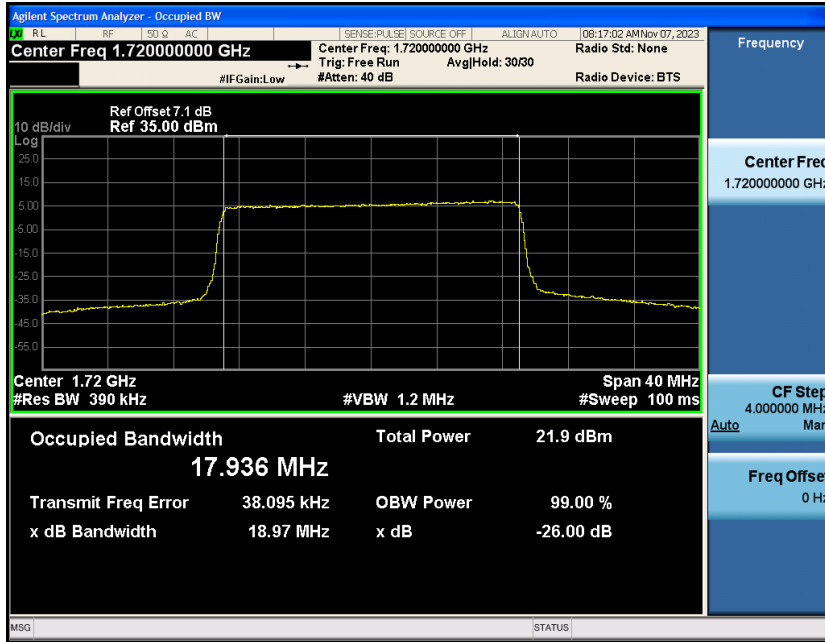
Band4-15MHz-16QAM-20175-75RB#0



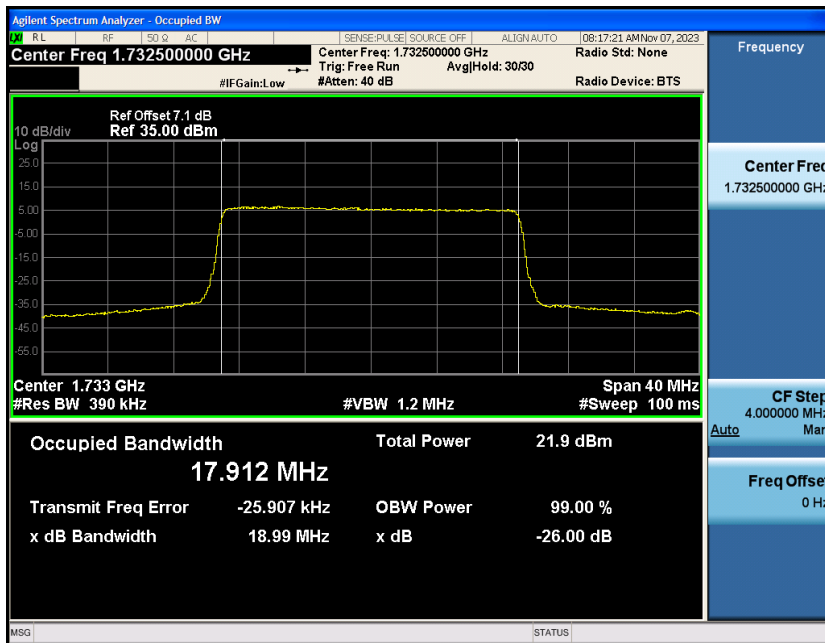
Band4-15MHz-16QAM-20325-75RB#0



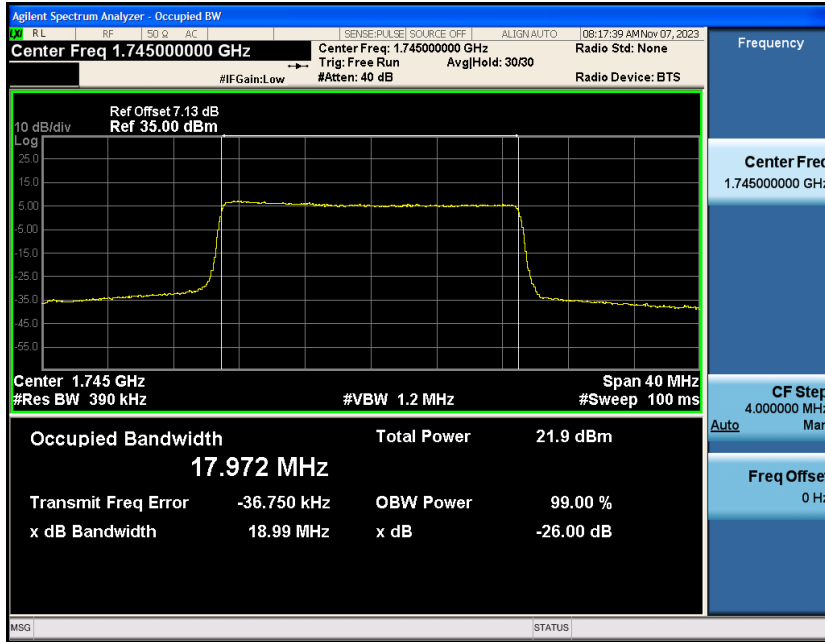
Band4-20MHz-QPSK-20050-100RB#0



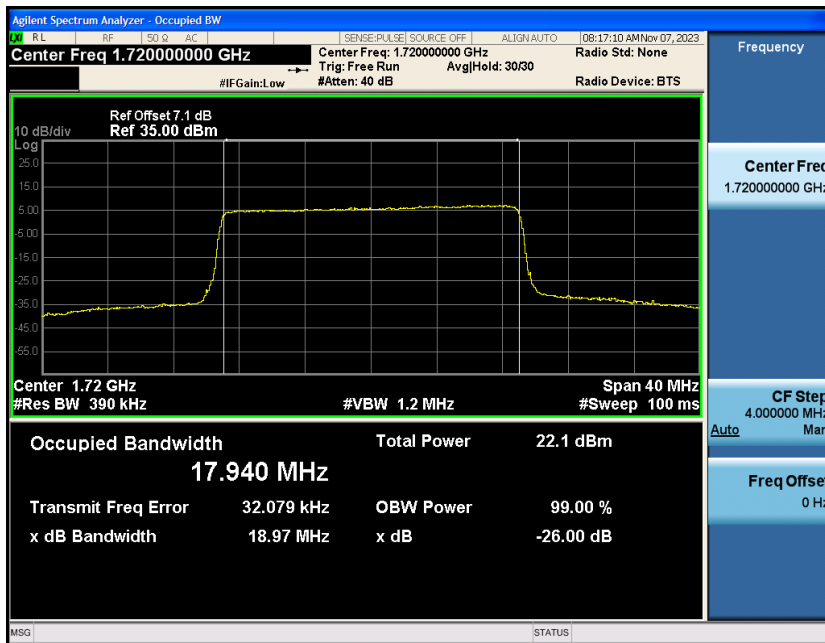
Band4-20MHz-QPSK-20175-100RB#0



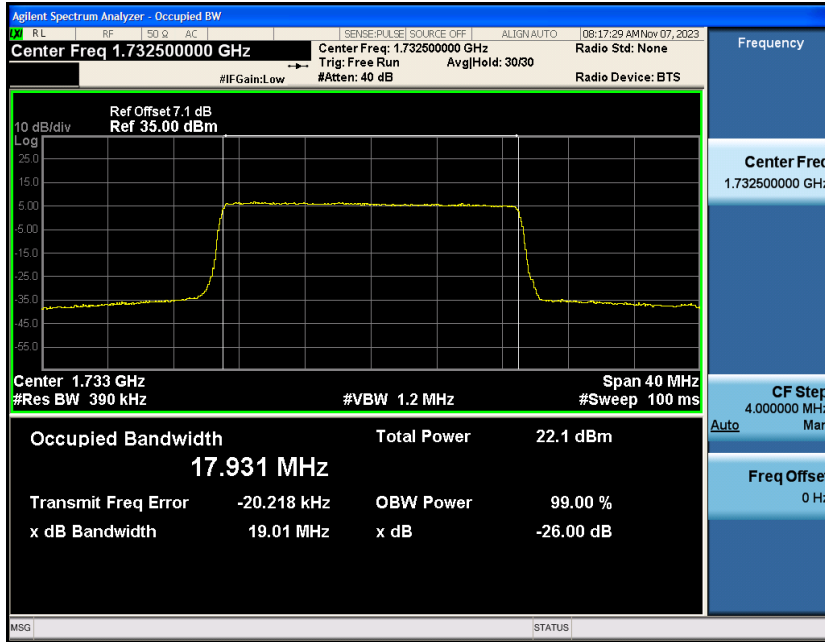
Band4-20MHz-QPSK-20300-100RB#0



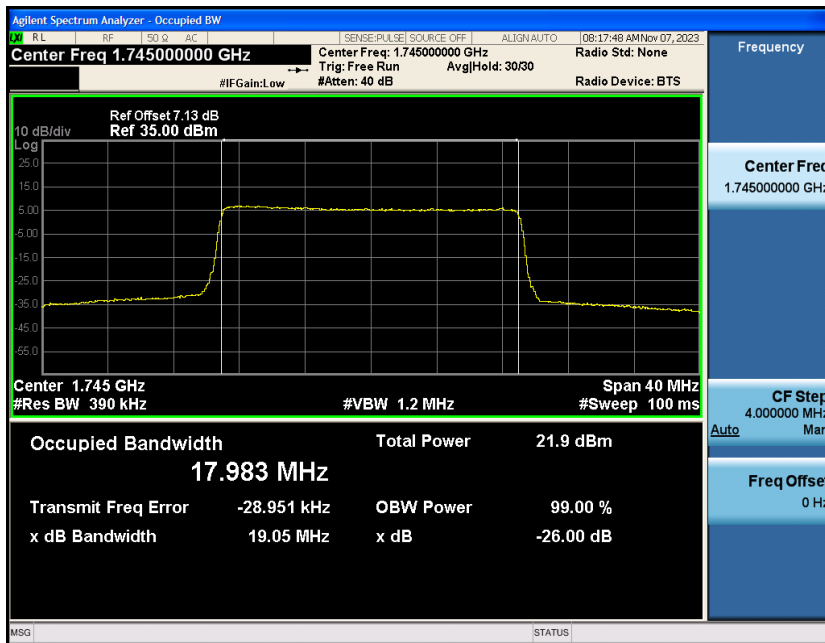
Band4-20MHz-16QAM-20050-100RB#0



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



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



Appendix D: Band Edge

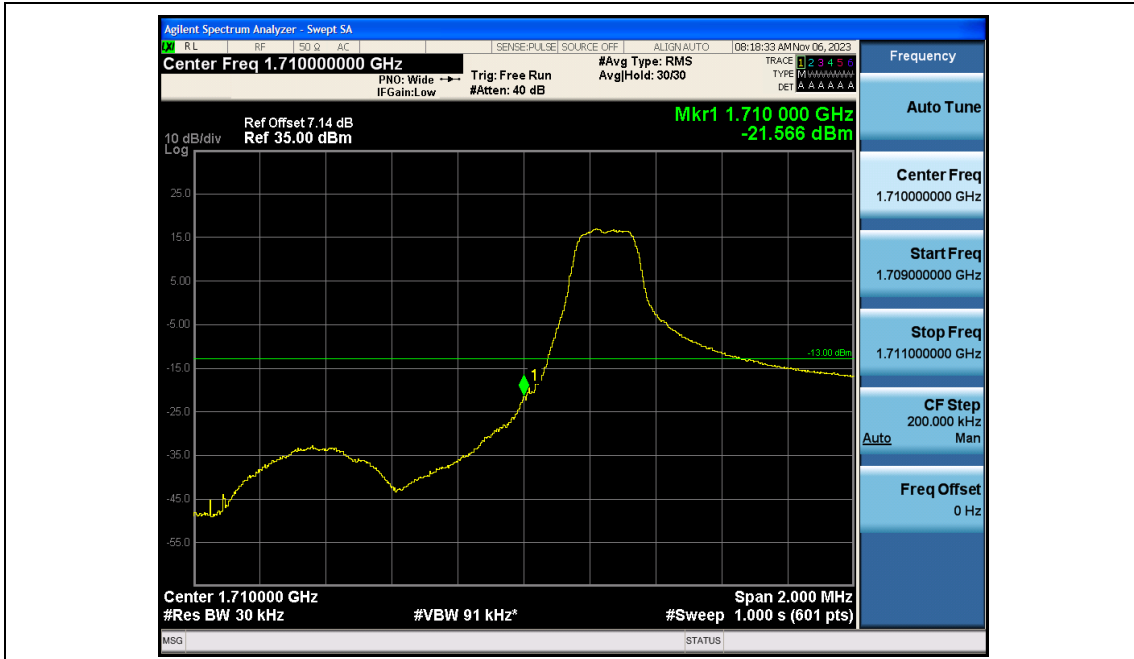
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-21.57	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-30.99	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-28.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-30.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-22.43	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.58	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-22.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-31.77	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-31.58	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-21.83	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	-20.54	PASS
Band4	3MHz	QPSK	19965	1RB#14	-34.73	PASS
Band4	3MHz	QPSK	19965	15RB#0	-31.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	-34.96	PASS
Band4	3MHz	QPSK	20385	1RB#14	-21.75	PASS
Band4	3MHz	QPSK	20385	15RB#0	-32.07	PASS
Band4	3MHz	16QAM	19965	1RB#0	-21.61	PASS
Band4	3MHz	16QAM	19965	1RB#14	-35.16	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.70	PASS
Band4	3MHz	16QAM	20385	1RB#0	-36.25	PASS
Band4	3MHz	16QAM	20385	1RB#14	-22.40	PASS
Band4	3MHz	16QAM	20385	15RB#0	-31.42	PASS
Band4	5MHz	QPSK	19975	1RB#0	-14.69	PASS
Band4	5MHz	QPSK	19975	1RB#24	-33.74	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.63	PASS
Band4	5MHz	QPSK	20375	1RB#0	-33.13	PASS
Band4	5MHz	QPSK	20375	1RB#24	-15.17	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	-16.08	PASS
Band4	5MHz	16QAM	19975	1RB#24	-34.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	-34.60	PASS
Band4	5MHz	16QAM	20375	1RB#24	-15.87	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.97	PASS

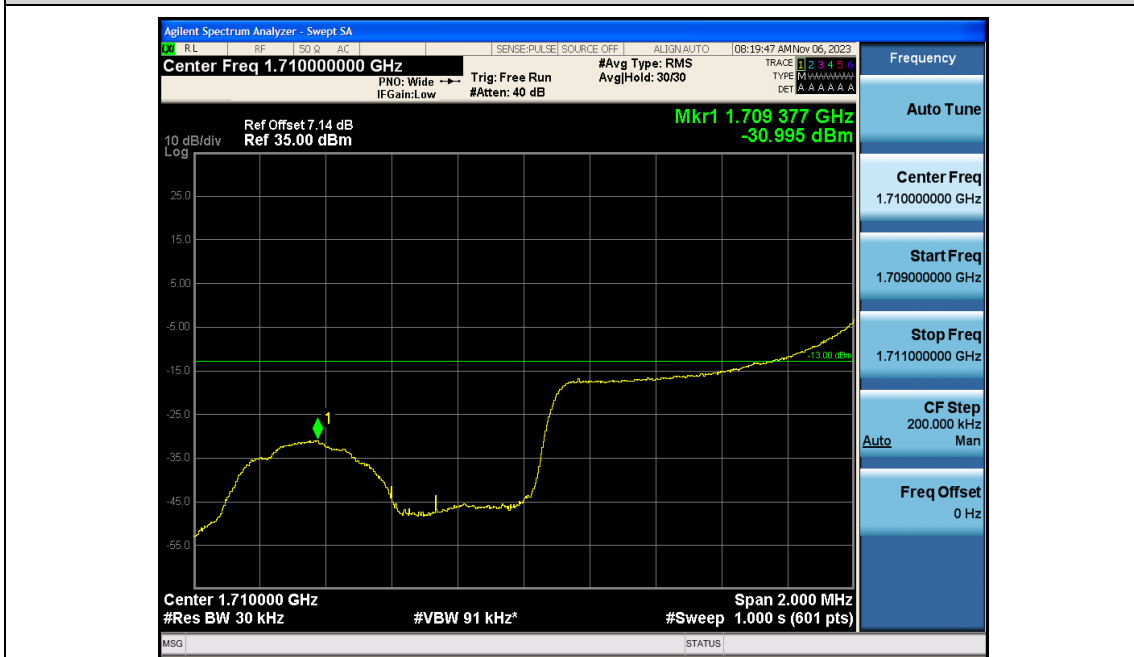
Band4	10MHz	QPSK	20000	1RB#0	-17.35	PASS
Band4	10MHz	QPSK	20000	1RB#49	-37.70	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.83	PASS
Band4	10MHz	QPSK	20350	1RB#0	-36.39	PASS
Band4	10MHz	QPSK	20350	1RB#49	-17.59	PASS
Band4	10MHz	QPSK	20350	50RB#0	-29.64	PASS
Band4	10MHz	16QAM	20000	1RB#0	-17.82	PASS
Band4	10MHz	16QAM	20000	1RB#49	-38.13	PASS
Band4	10MHz	16QAM	20000	50RB#0	-29.32	PASS
Band4	10MHz	16QAM	20350	1RB#0	-36.17	PASS
Band4	10MHz	16QAM	20350	1RB#49	-17.73	PASS
Band4	10MHz	16QAM	20350	50RB#0	-29.27	PASS
Band4	15MHz	QPSK	20025	1RB#0	-17.19	PASS
Band4	15MHz	QPSK	20025	1RB#74	-41.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.81	PASS
Band4	15MHz	QPSK	20325	1RB#0	-40.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	-17.72	PASS
Band4	15MHz	QPSK	20325	75RB#0	-29.46	PASS
Band4	15MHz	16QAM	20025	1RB#0	-17.78	PASS
Band4	15MHz	16QAM	20025	1RB#74	-41.50	PASS
Band4	15MHz	16QAM	20025	75RB#0	-30.09	PASS
Band4	15MHz	16QAM	20325	1RB#0	-40.09	PASS
Band4	15MHz	16QAM	20325	1RB#74	-17.82	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.84	PASS
Band4	20MHz	QPSK	20050	1RB#0	-28.29	PASS
Band4	20MHz	QPSK	20050	1RB#99	-41.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	-31.95	PASS
Band4	20MHz	QPSK	20300	1RB#0	-27.36	PASS
Band4	20MHz	QPSK	20300	1RB#99	-19.83	PASS
Band4	20MHz	QPSK	20300	100RB#0	-31.40	PASS
Band4	20MHz	16QAM	20050	1RB#0	-20.03	PASS
Band4	20MHz	16QAM	20050	1RB#99	-41.30	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.10	PASS
Band4	20MHz	16QAM	20300	1RB#0	-28.57	PASS
Band4	20MHz	16QAM	20300	1RB#99	-20.23	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.69	PASS

Test Graphs

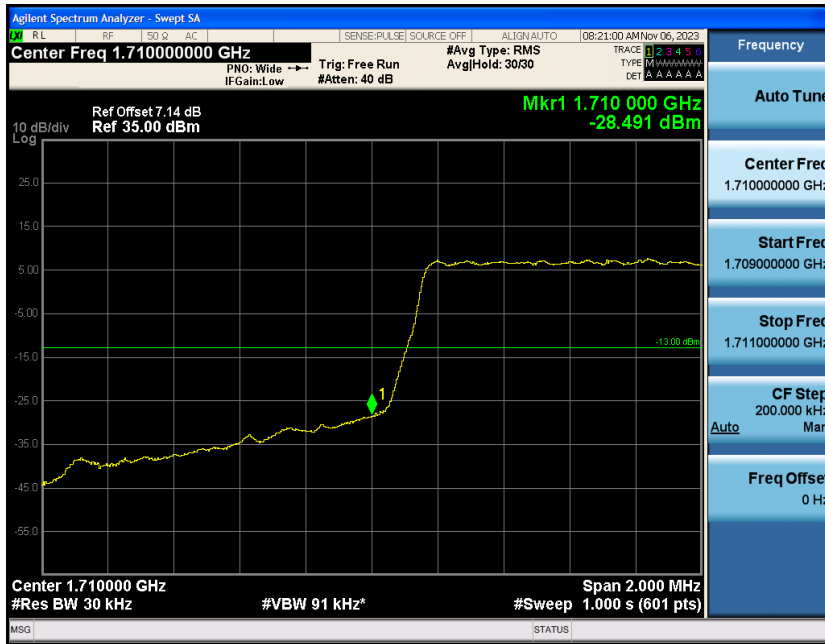
Band4-1.4MHz-QPSK-19957-1RB#0



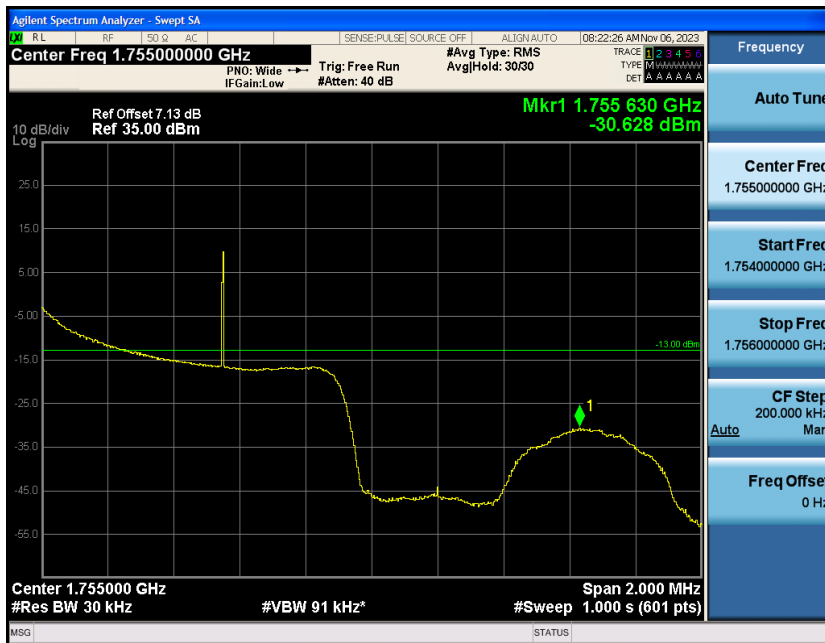
Band4-1.4MHz-QPSK-19957-1RB#5



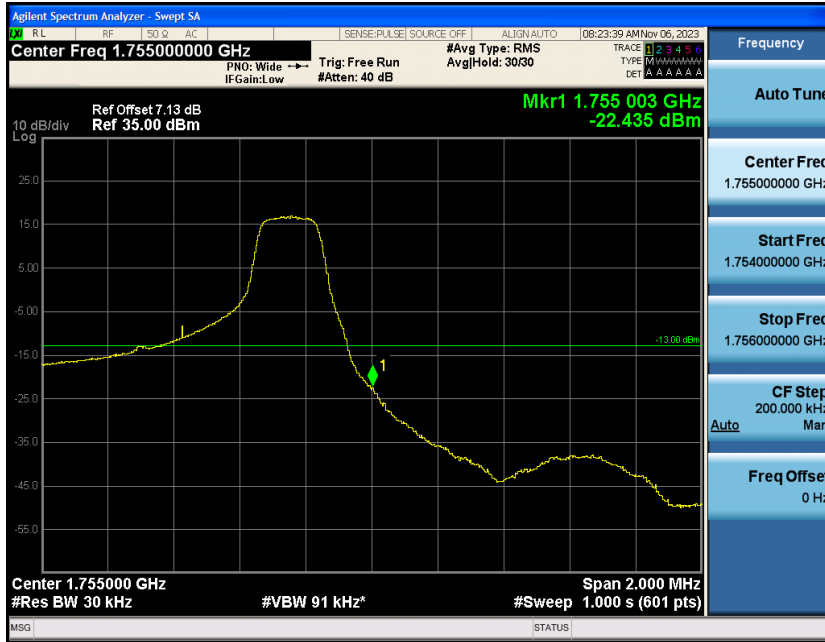
Band4-1.4MHz-QPSK-19957-6RB#0



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



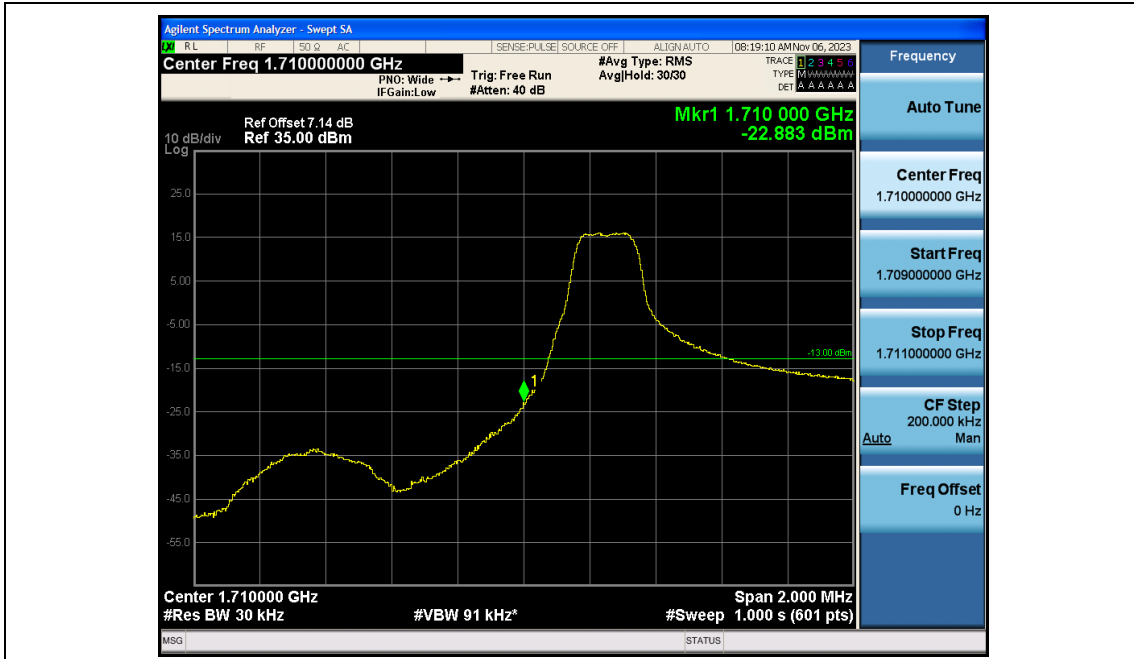
Band4-1.4MHz-QPSK-20393-1RB#5



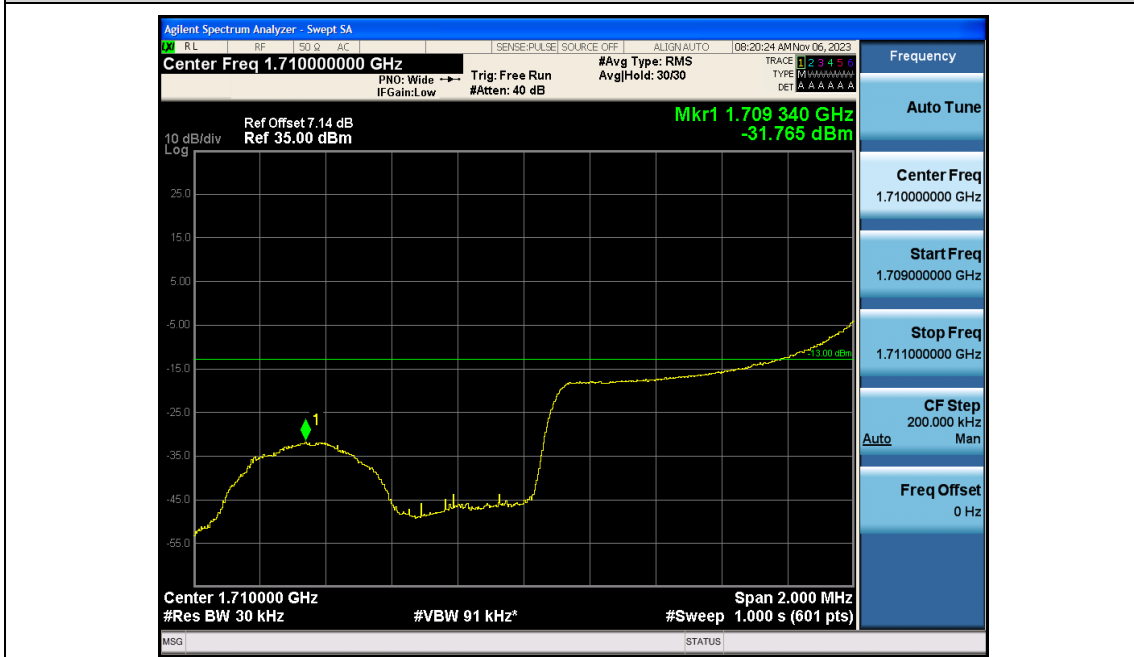
Band4-1.4MHz-QPSK-20393-6RB#0



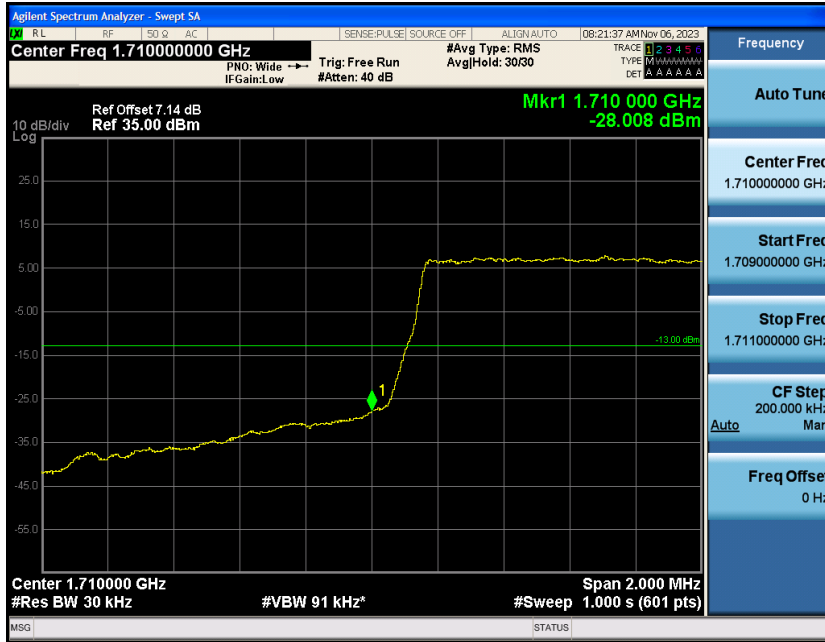
Band4-1.4MHz-16QAM-19957-1RB#0



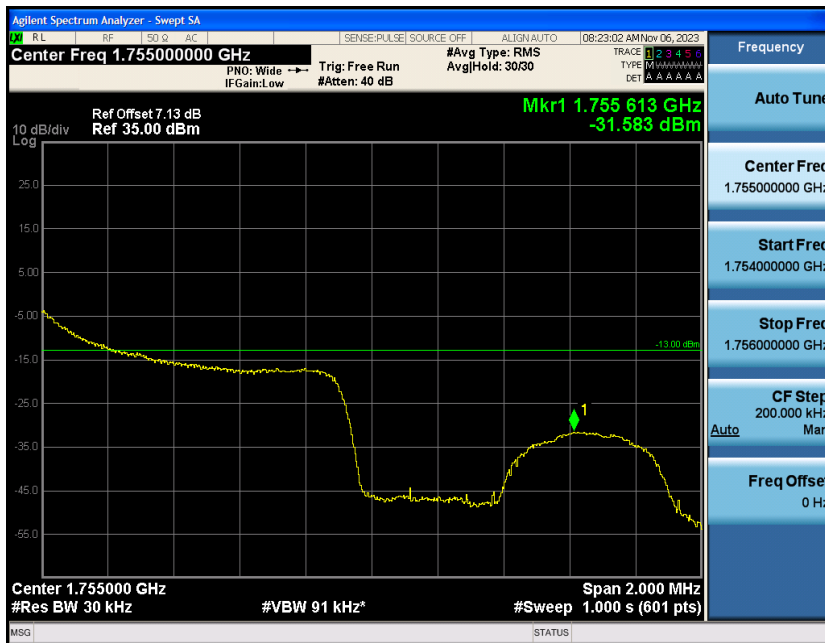
Band4-1.4MHz-16QAM-19957-1RB#5



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



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



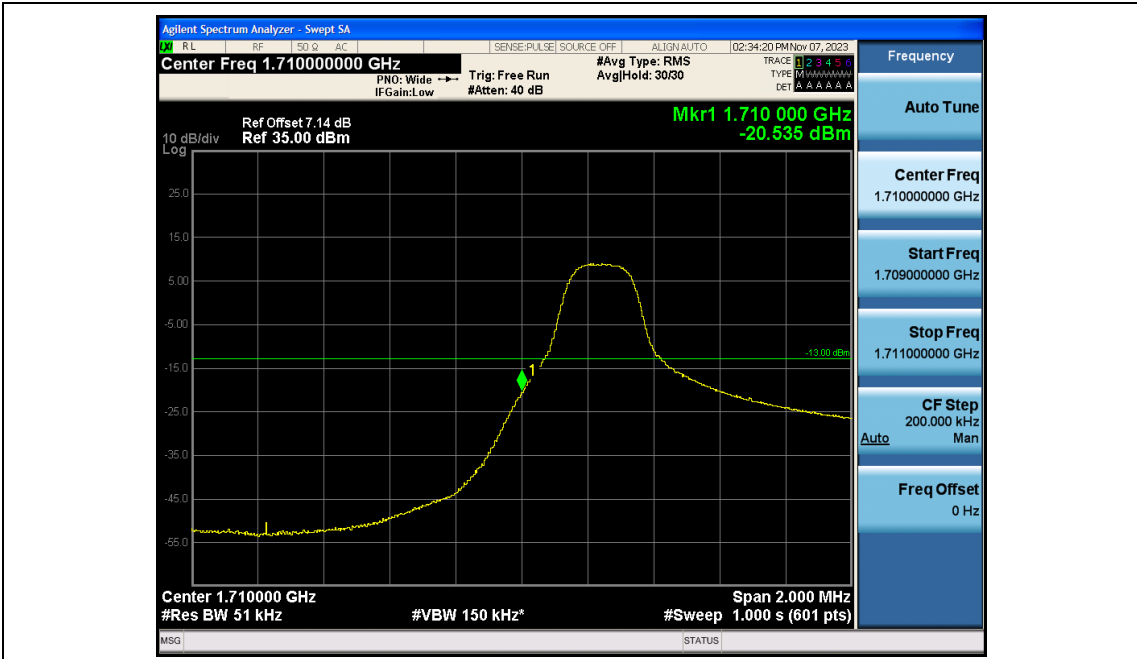
Band4-1.4MHz-16QAM-20393-1RB#5



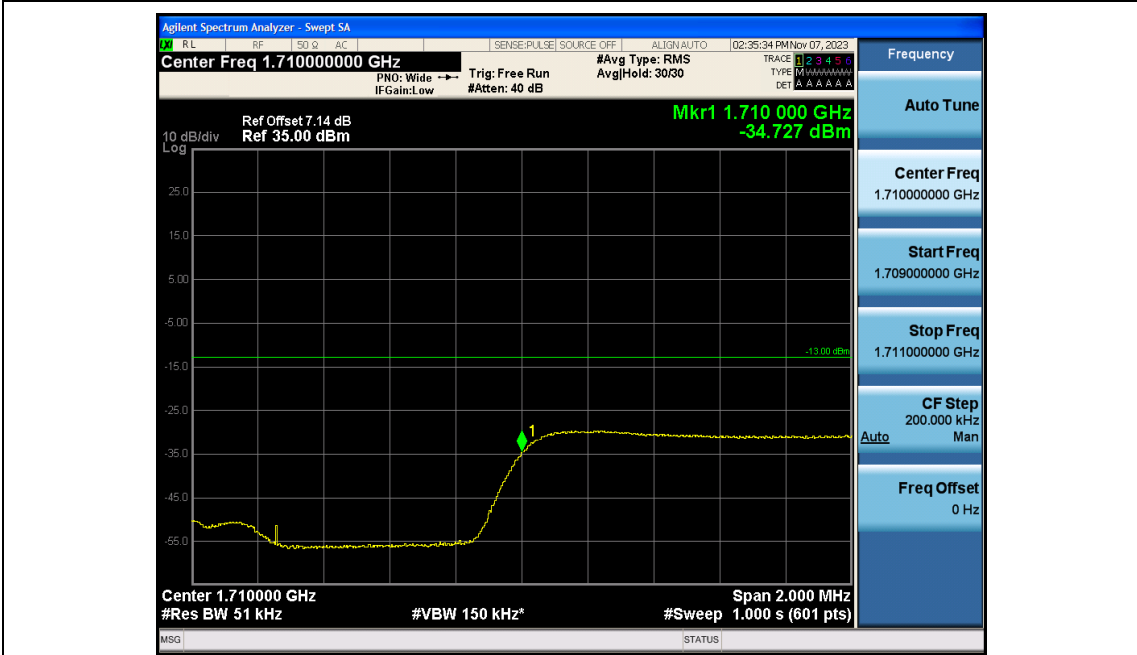
Band4-1.4MHz-16QAM-20393-6RB#0



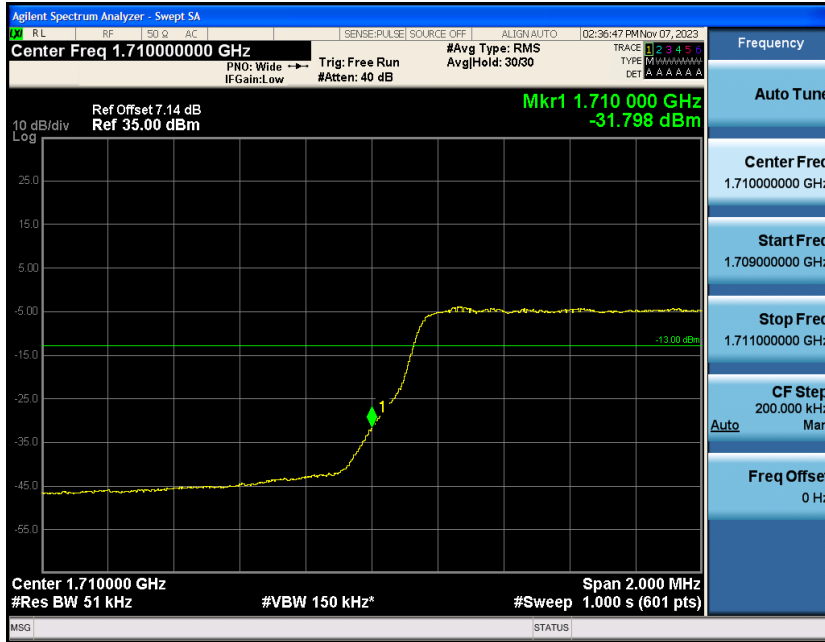
Band4-3MHz-QPSK-19965-1RB#0



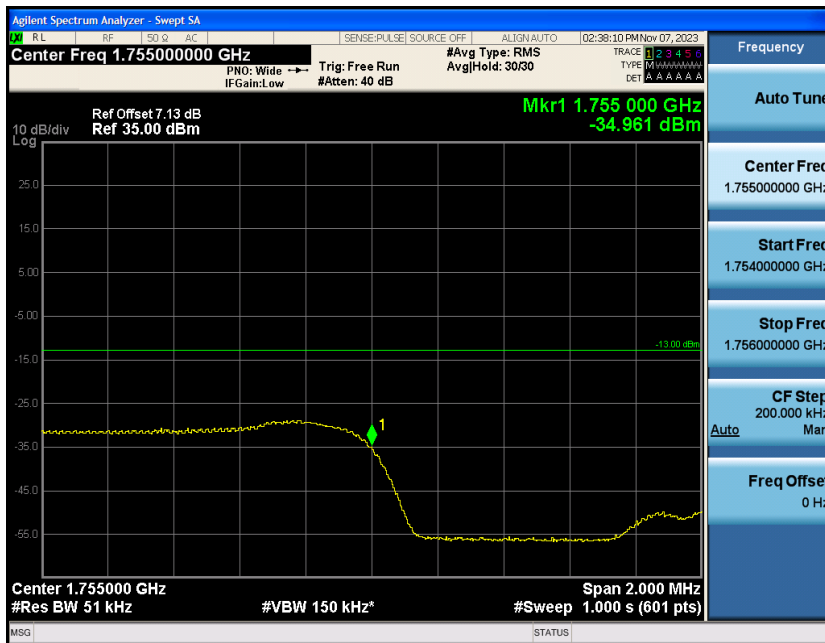
Band4-3MHz-QPSK-19965-1RB#14



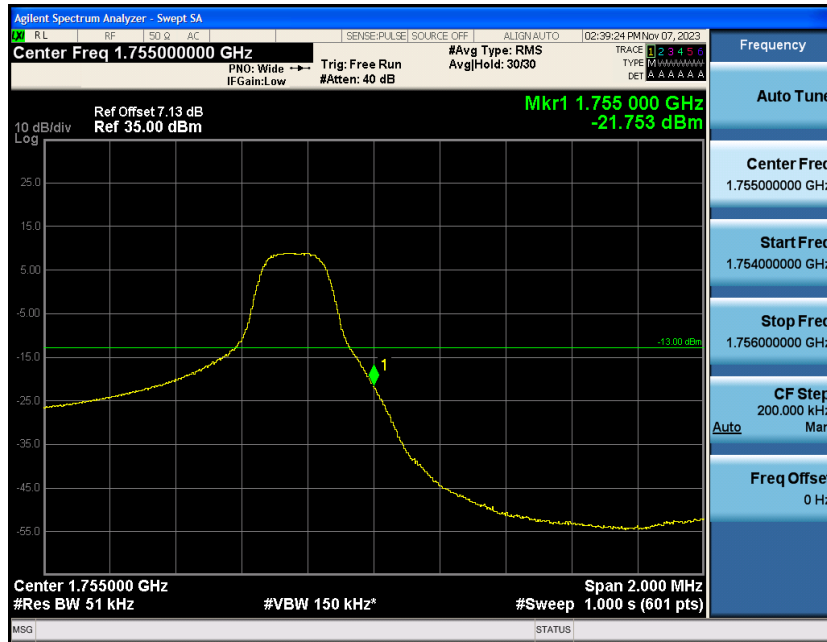
Band4-3MHz-QPSK-19965-15RB#0



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



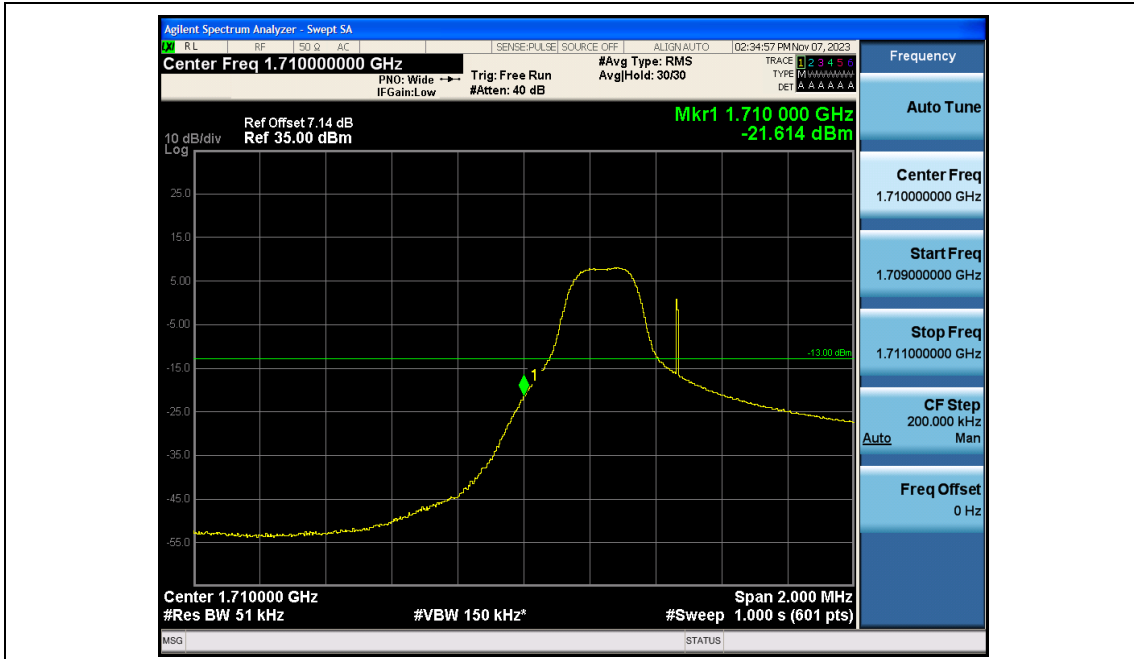
Band4-3MHz-QPSK-20385-1RB#14



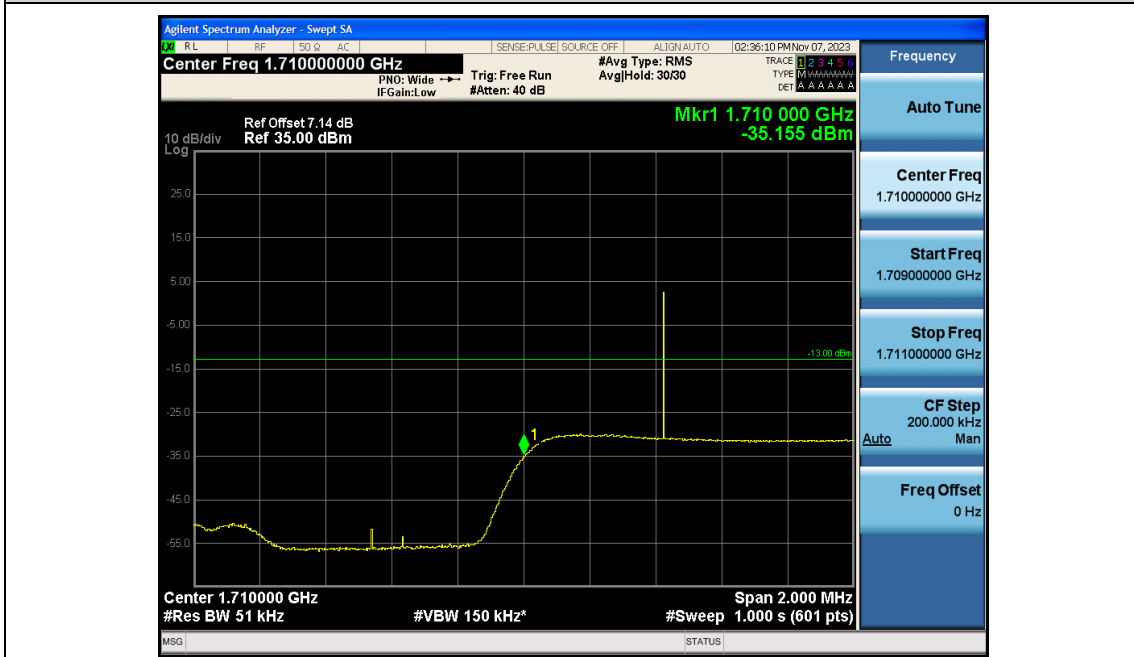
Band4-3MHz-QPSK-20385-15RB#0



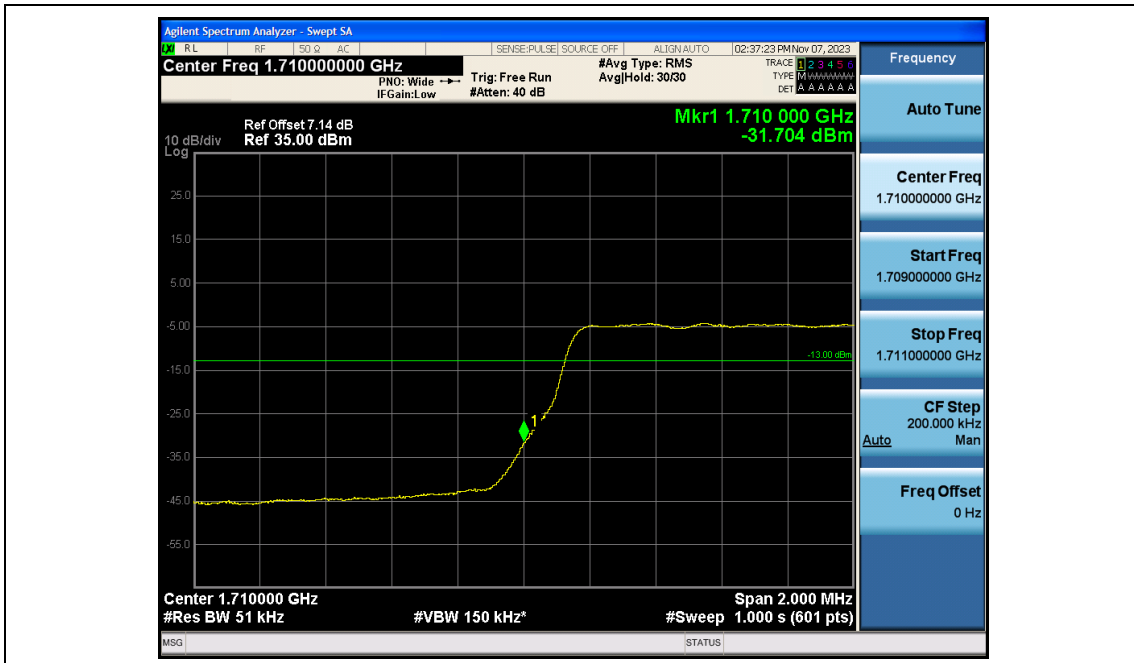
Band4-3MHz-16QAM-19965-1RB#0



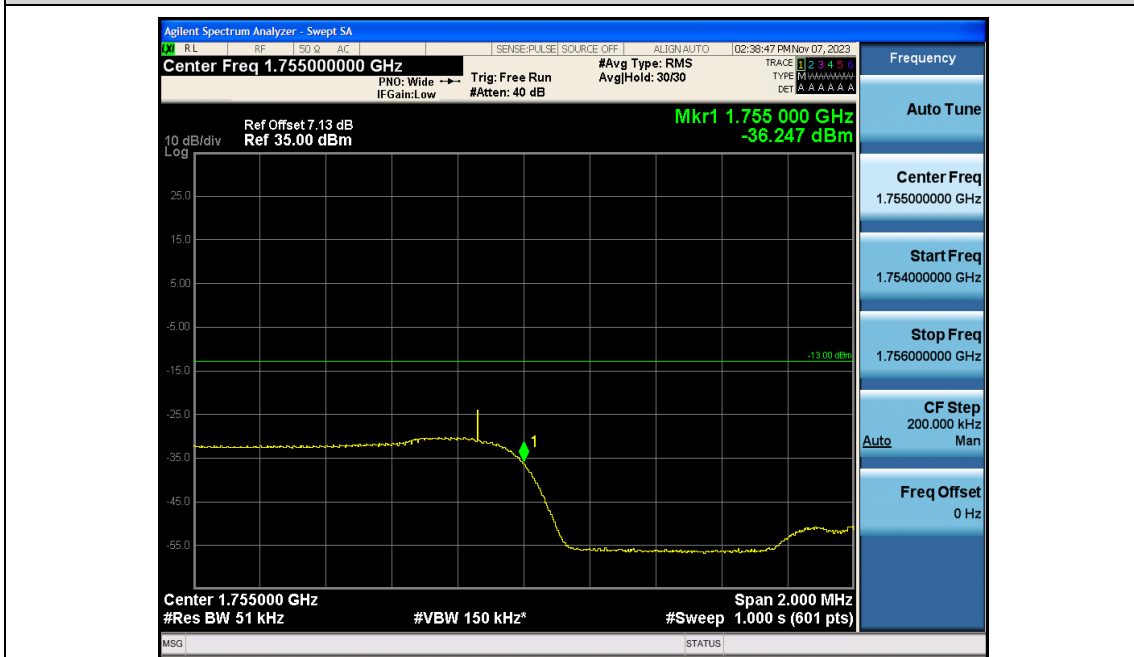
Band4-3MHz-16QAM-19965-1RB#14



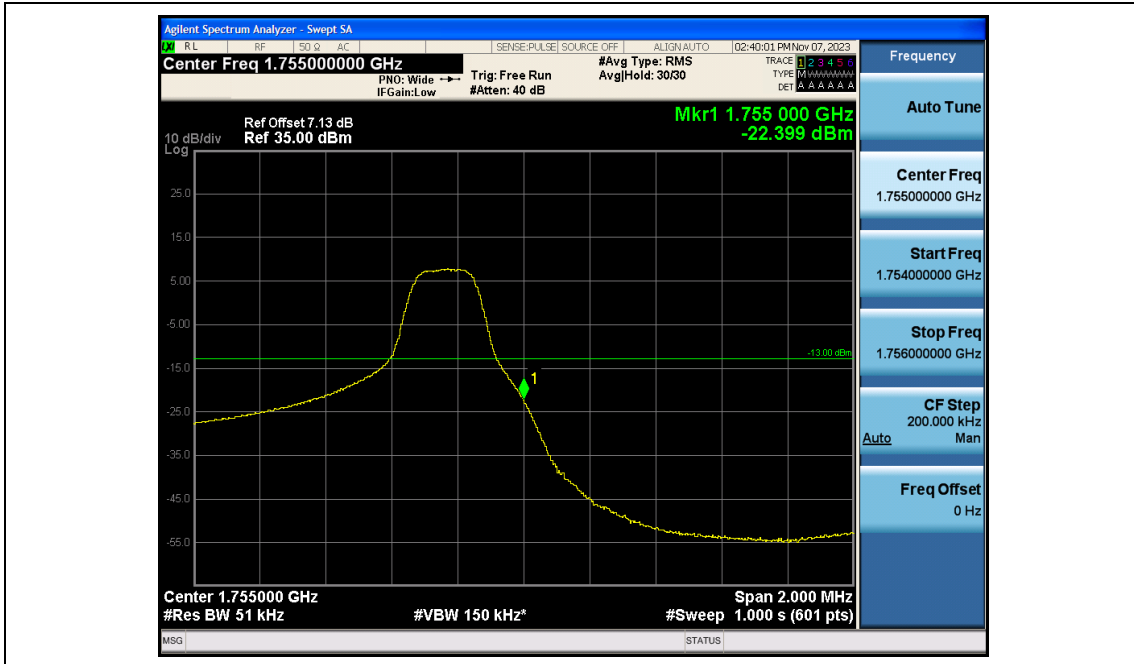
Band4-3MHz-16QAM-19965-15RB#0



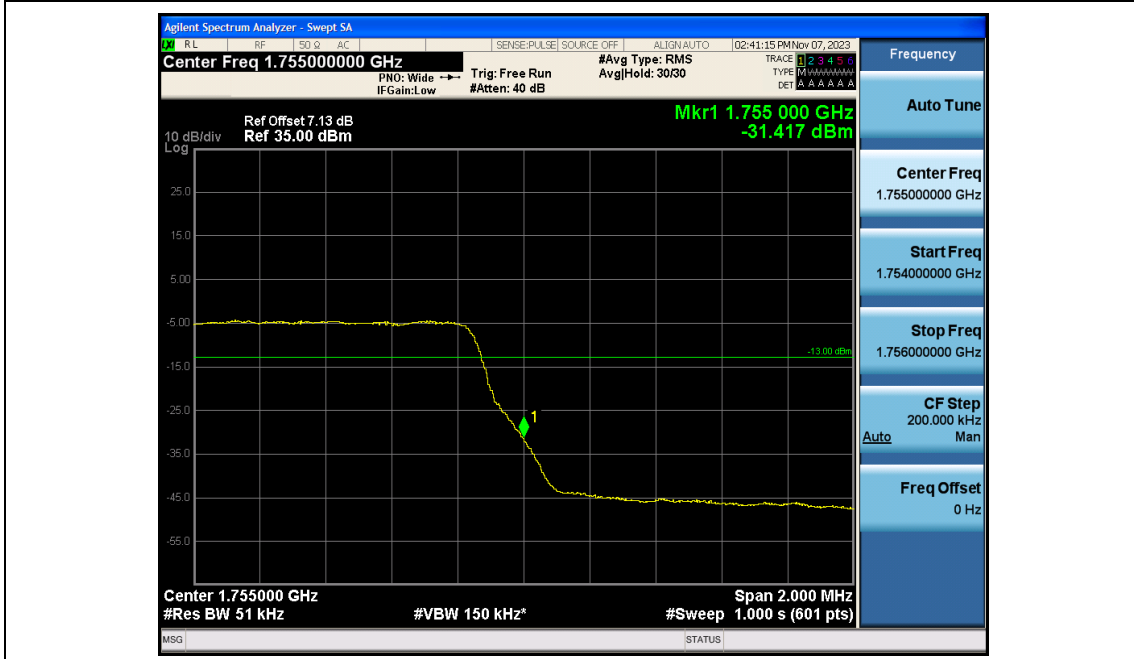
Band4-3MHz-16QAM-20385-1RB#0



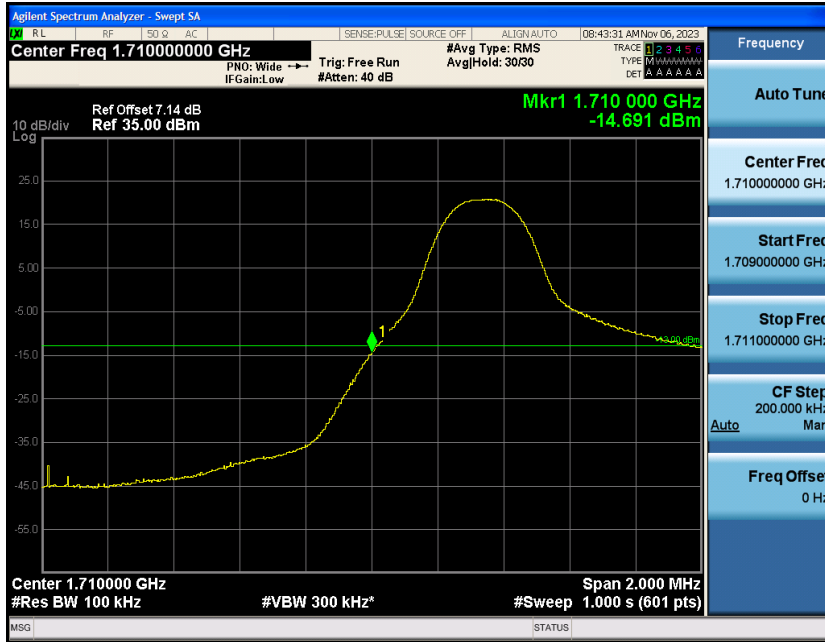
Band4-3MHz-16QAM-20385-1RB#14



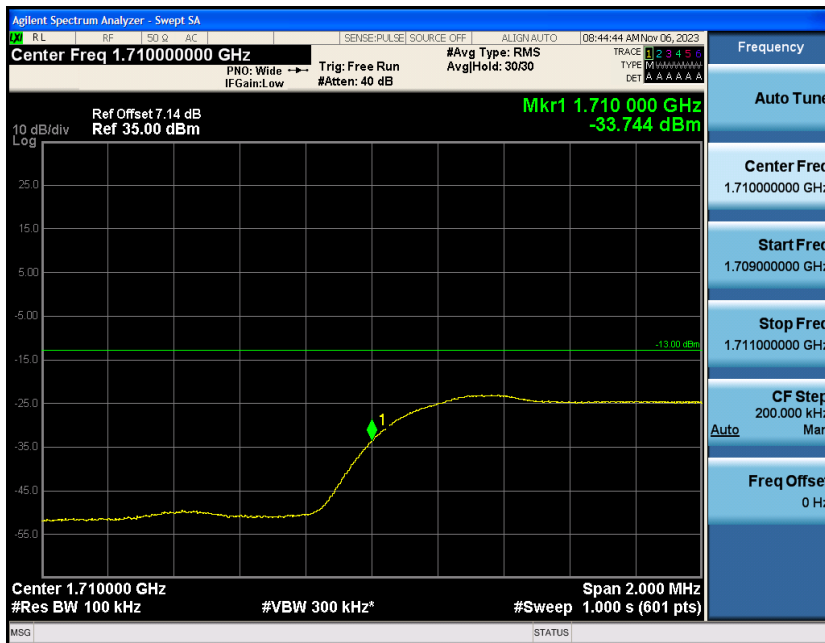
Band4-3MHz-16QAM-20385-15RB#0



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



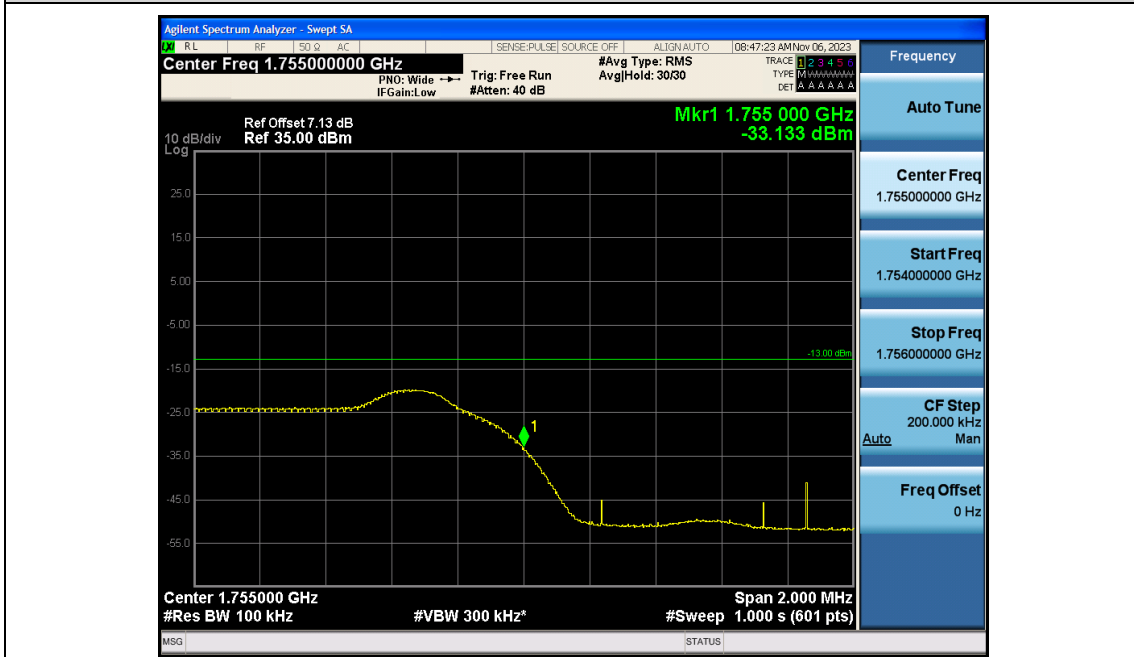
Band4-5MHz-QPSK-19975-1RB#24



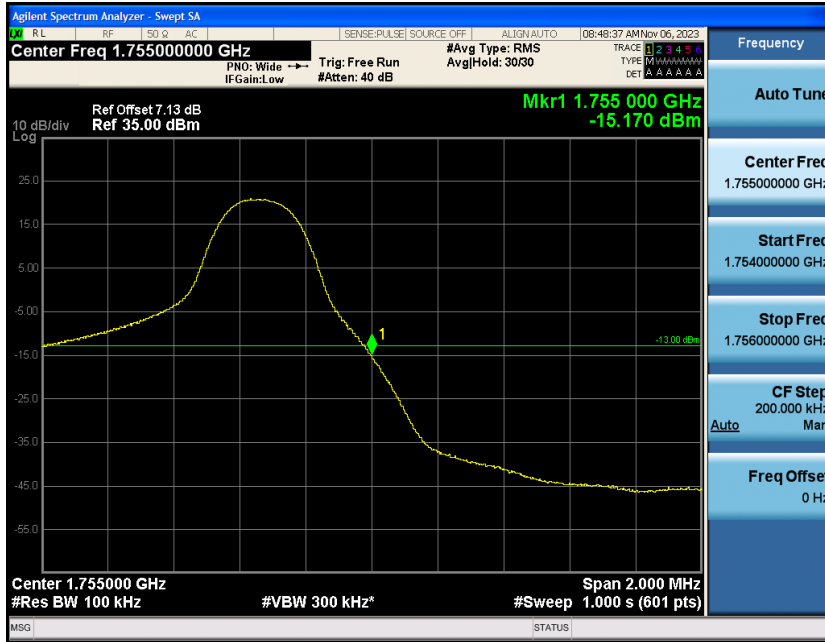
Band4-5MHz-QPSK-19975-25RB#0



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



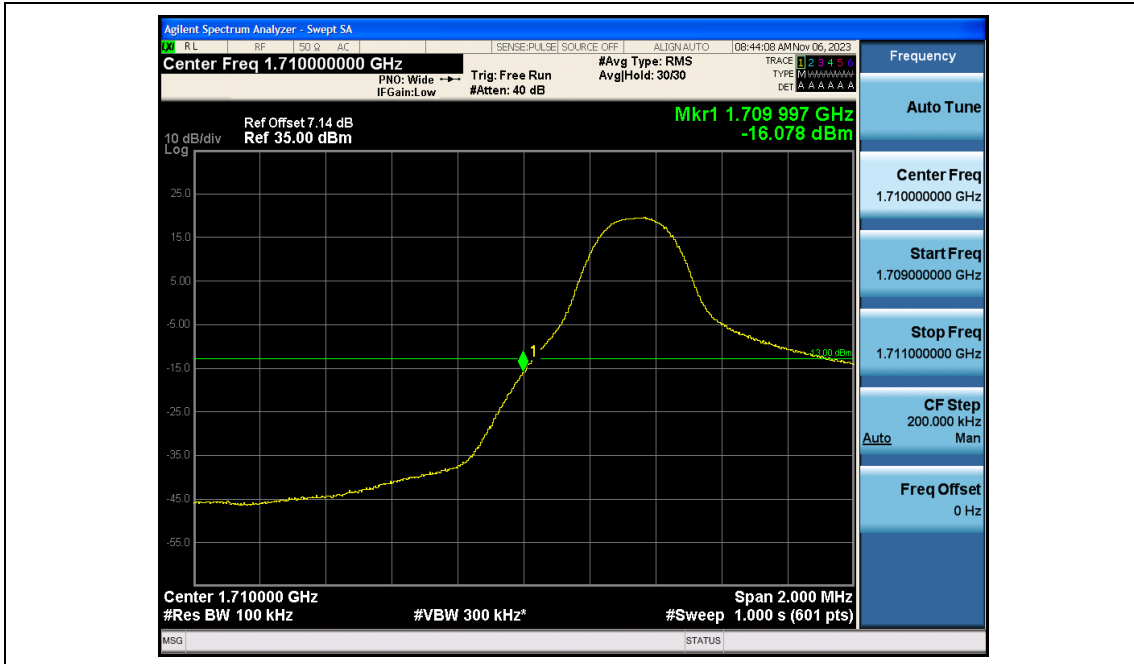
Band4-5MHz-QPSK-20375-1RB#24



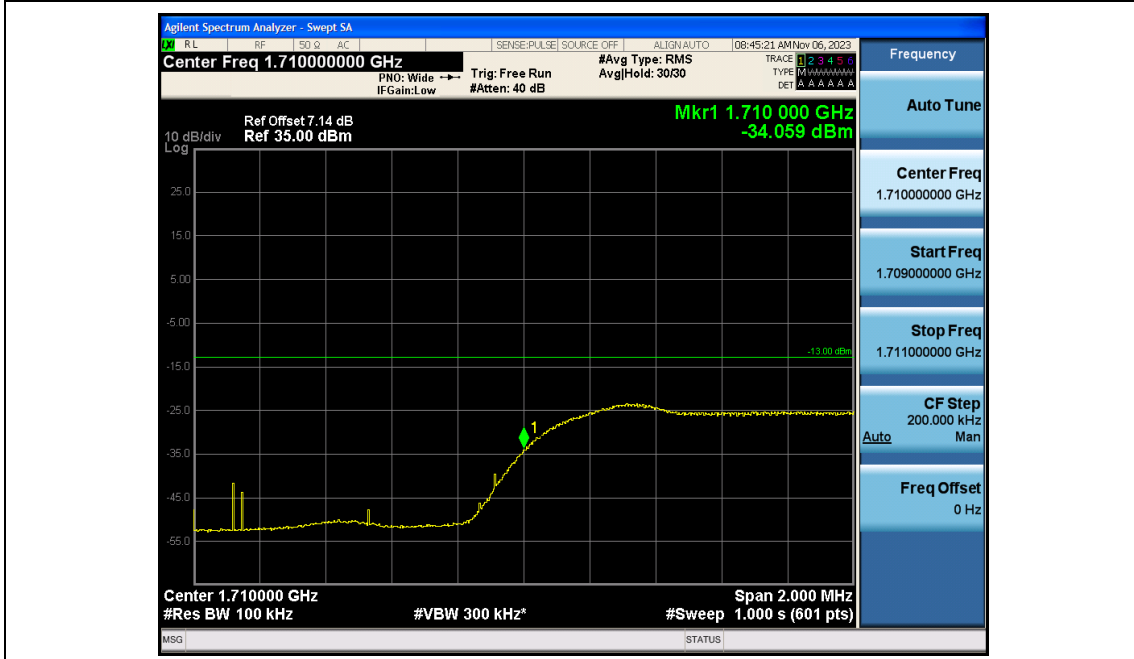
Band4-5MHz-QPSK-20375-25RB#0



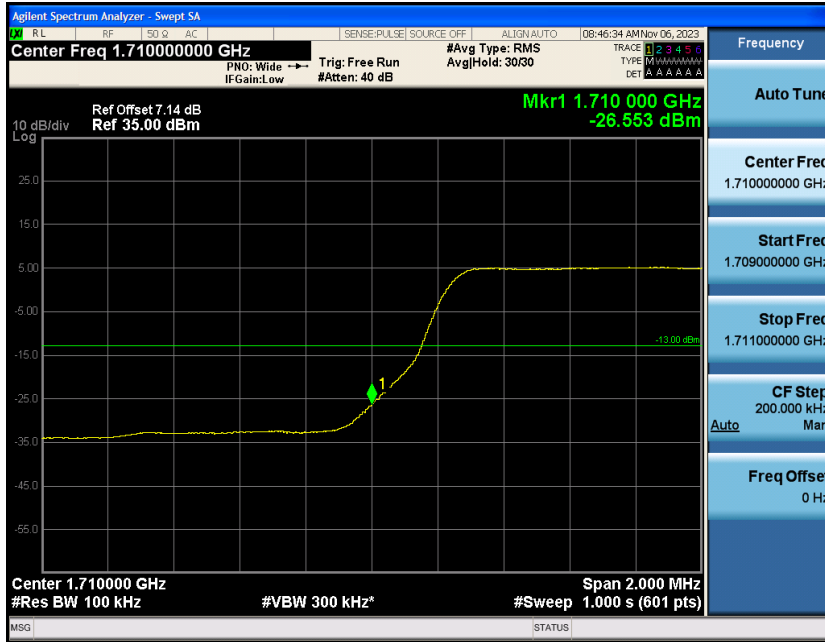
Band4-5MHz-16QAM-19975-1RB#0



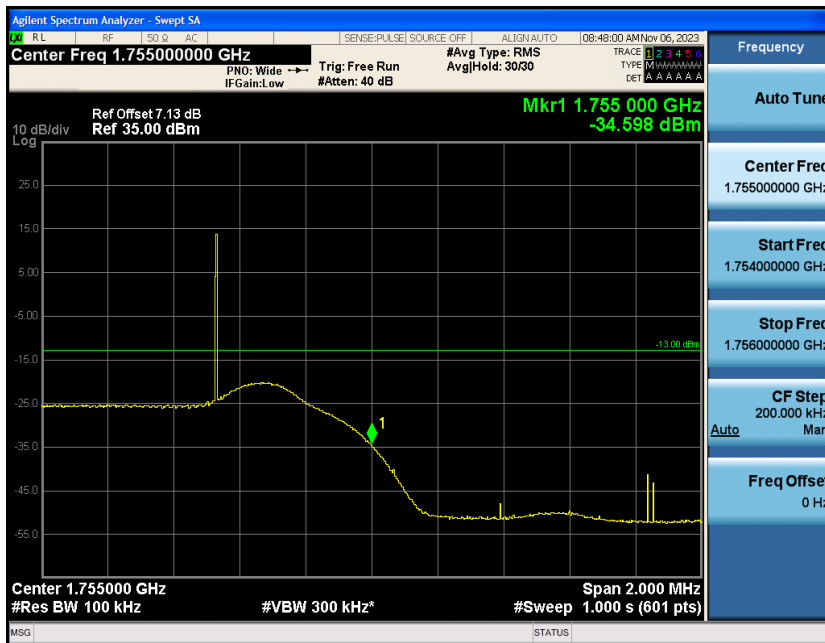
Band4-5MHz-16QAM-19975-1RB#24



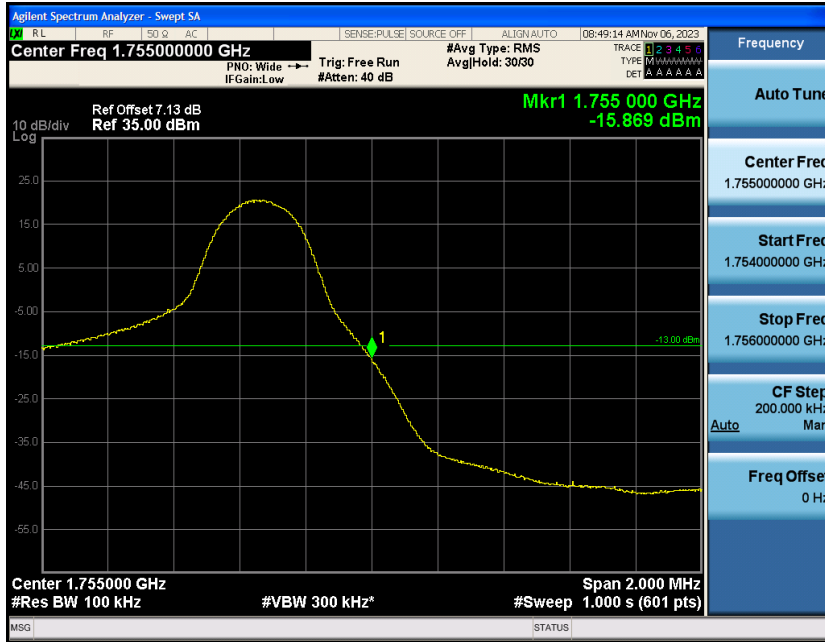
Band4-5MHz-16QAM-19975-25RB#0



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



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



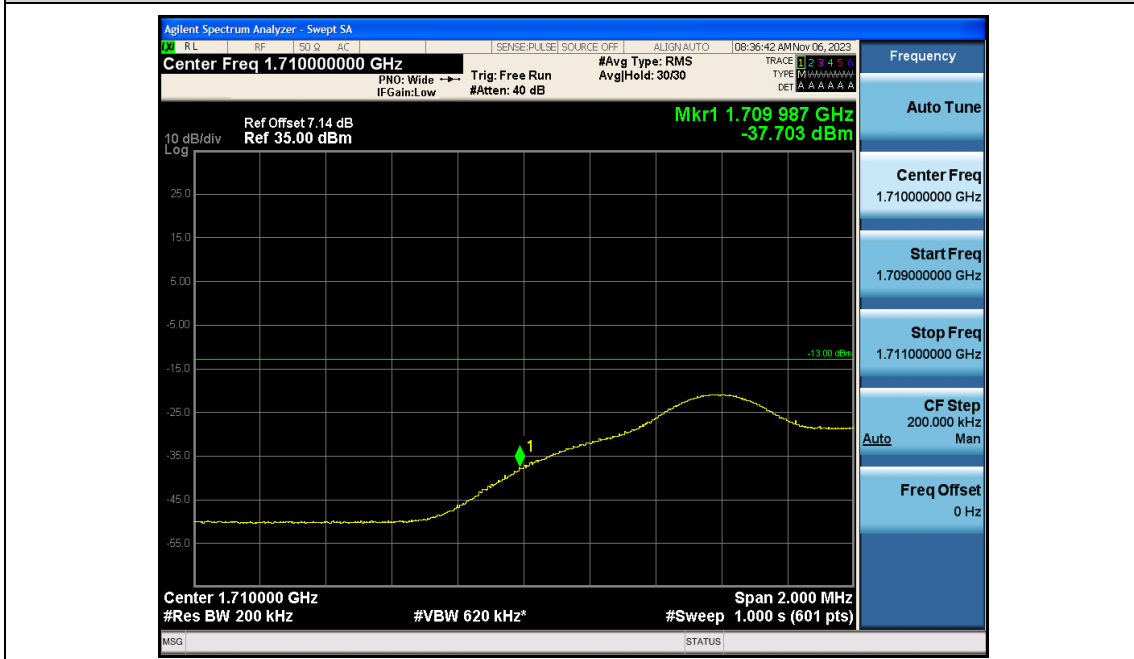
Band4-5MHz-16QAM-20375-25RB#0



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



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



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