

Appendix_H

RF Test Data for LTE_Band7 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

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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
Band7	5MHz	QPSK	20775	1RB#0	22.00	22.94	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.95	22.89	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.95	22.89	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.55	21.49	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.56	21.5	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.52	21.46	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.55	21.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.48	22.42	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.47	22.41	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.59	22.53	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.14	21.08	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.13	21.07	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.15	21.09	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.17	21.11	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.39	22.33	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.36	22.3	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.48	22.42	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.86	20.8	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.86	20.8	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.79	20.73	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.84	20.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.45	21.39	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.45	21.39	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.42	21.36	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.16	21.1	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.14	21.08	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.21	21.15	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.26	21.2	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.88	21.82	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.94	21.88	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.50	21.44	PASS

Band7	5MHz	16QAM	21100	12RB#0	19.75	20.69	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.76	20.7	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.66	20.6	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.84	20.78	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.01	20.95	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.03	20.97	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.85	20.79	PASS
Band7	5MHz	16QAM	21425	12RB#0	19.41	20.35	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.39	20.33	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.60	20.54	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.46	20.4	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.18	23.12	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.09	23.03	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.13	23.07	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.69	21.63	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.71	21.65	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.71	21.65	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.70	21.64	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.61	22.55	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.58	22.52	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.65	22.59	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.35	21.29	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.33	21.27	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.22	21.16	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.16	21.1	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.55	22.49	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.46	22.4	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.44	22.38	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.05	20.99	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.03	20.97	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.00	20.94	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.93	20.87	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.94	21.88	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.86	21.8	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.16	22.1	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.26	21.2	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.27	21.21	PASS

Band7	10MHz	16QAM	20800	25RB#25	20.26	21.2	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.26	21.2	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.67	21.61	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.72	21.66	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.63	21.57	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.03	20.97	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.94	20.88	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.88	20.82	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.80	20.74	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.10	22.04	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.98	21.92	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.07	22.01	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.62	20.56	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.61	20.55	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.64	20.58	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.56	20.5	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.86	22.8	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.89	22.83	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.84	22.78	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.59	21.53	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.42	21.36	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.43	21.37	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.43	21.37	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.43	22.37	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.38	22.32	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.29	22.23	PASS
Band7	15MHz	QPSK	21100	38RB#0	19.94	20.88	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.01	20.95	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.02	20.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.01	20.95	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.50	22.44	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.22	22.16	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.21	22.15	PASS
Band7	15MHz	QPSK	21375	38RB#0	19.84	20.78	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.85	20.79	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.85	20.79	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.85	20.79	PASS

Band7	15MHz	16QAM	20825	1RB#0	20.86	21.8	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.90	21.84	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.91	21.85	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.42	21.36	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.43	21.37	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.43	21.37	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.05	20.99	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.87	21.81	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.69	21.63	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.69	21.63	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.02	20.96	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.01	20.95	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.01	20.95	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.72	20.66	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.93	21.87	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.94	21.88	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.90	21.84	PASS
Band7	15MHz	16QAM	21375	38RB#0	19.85	20.79	PASS
Band7	15MHz	16QAM	21375	38RB#18	19.85	20.79	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.85	20.79	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.51	20.45	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.16	23.1	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.15	23.09	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.98	22.92	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.65	21.59	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.57	21.51	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.61	21.55	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.65	21.59	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.95	22.89	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.67	22.61	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.63	22.57	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.10	21.04	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.17	21.11	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.09	21.03	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.10	21.04	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.52	22.46	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.34	22.28	PASS

Band7	20MHz	QPSK	21350	1RB#99	21.27	22.21	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.04	20.98	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.14	21.08	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.93	20.87	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.97	20.91	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.91	21.85	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.92	21.86	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.79	21.73	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.26	21.2	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.27	21.21	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.24	21.18	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.16	21.1	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.00	21.94	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.22	22.16	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.14	22.08	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.89	20.83	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.89	20.83	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.86	20.8	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.79	20.73	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.81	21.75	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.70	21.64	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.56	21.5	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.64	20.58	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.71	20.65	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.53	20.47	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.58	20.52	PASS

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

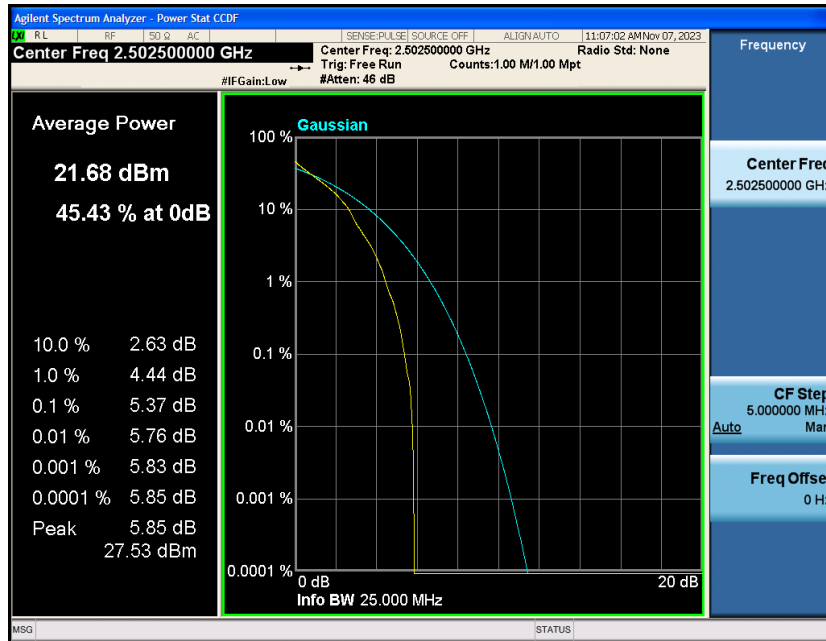
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.37	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.62	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.61	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.63	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.45	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.60	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.95	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.17	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	6.09	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.20	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	6.04	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.22	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.20	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.68	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.37	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.68	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.29	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.65	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	6.07	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.23	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.24	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.23	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.25	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.28	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.20	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.96	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.44	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.05	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.39	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.07	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	6.25	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.36	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.23	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.33	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.32	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.41	13	PASS

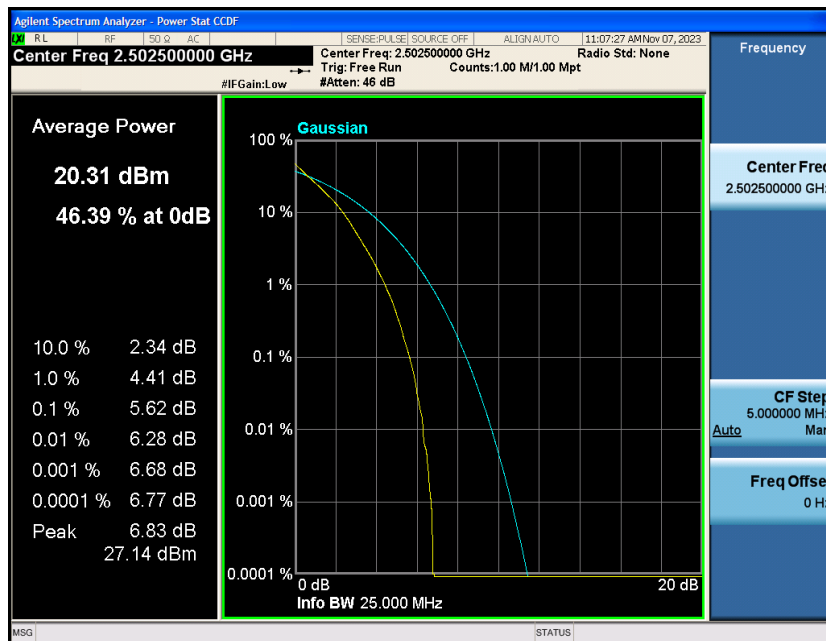
Band7	20MHz	QPSK	20850	1RB#0	5.11	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.79	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.29	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.74	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.27	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.87	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.78	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.35	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.86	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.32	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.88	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.43	13	PASS

Test Graphs

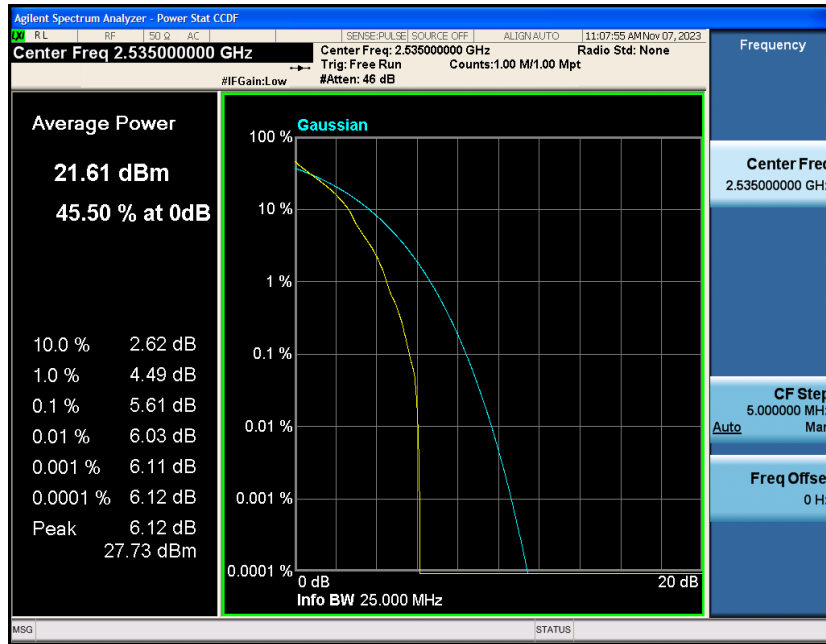
Band7-5MHz-QPSK-20775-1RB#0



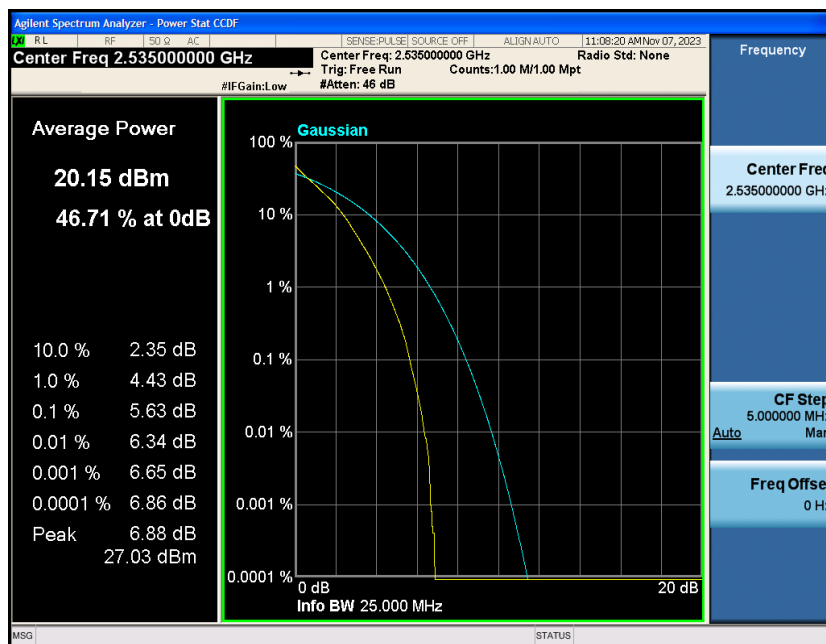
Band7-5MHz-QPSK-20775-25RB#0



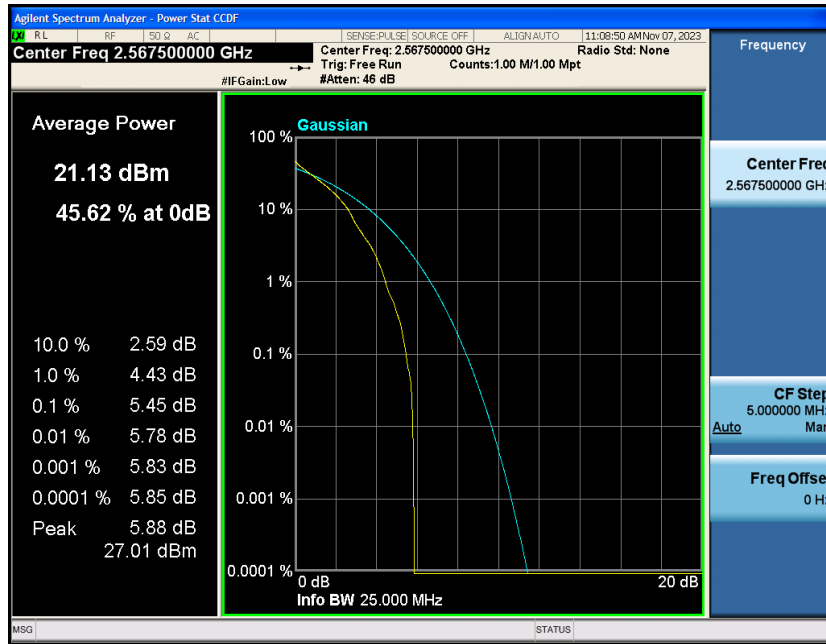
Band7-5MHz-QPSK-21100-1RB#0



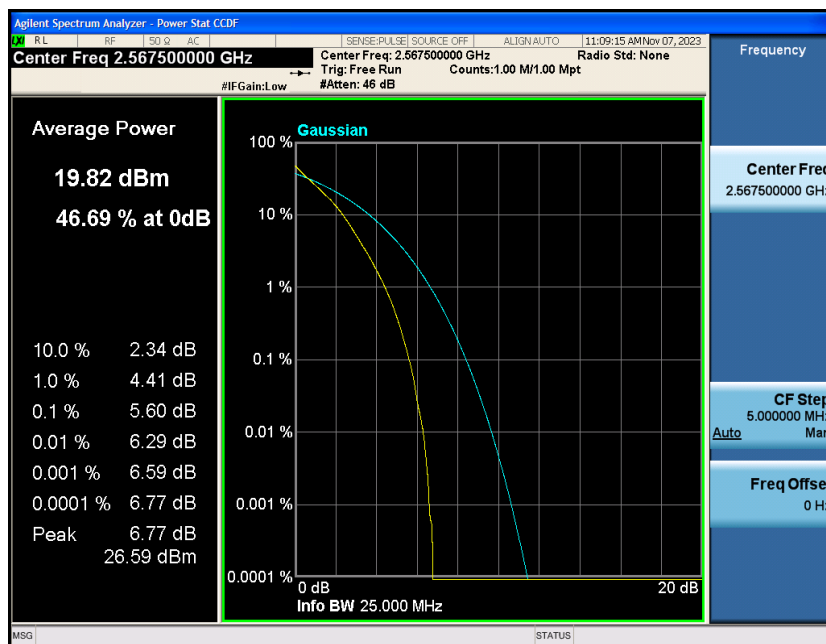
Band7-5MHz-QPSK-21100-25RB#0



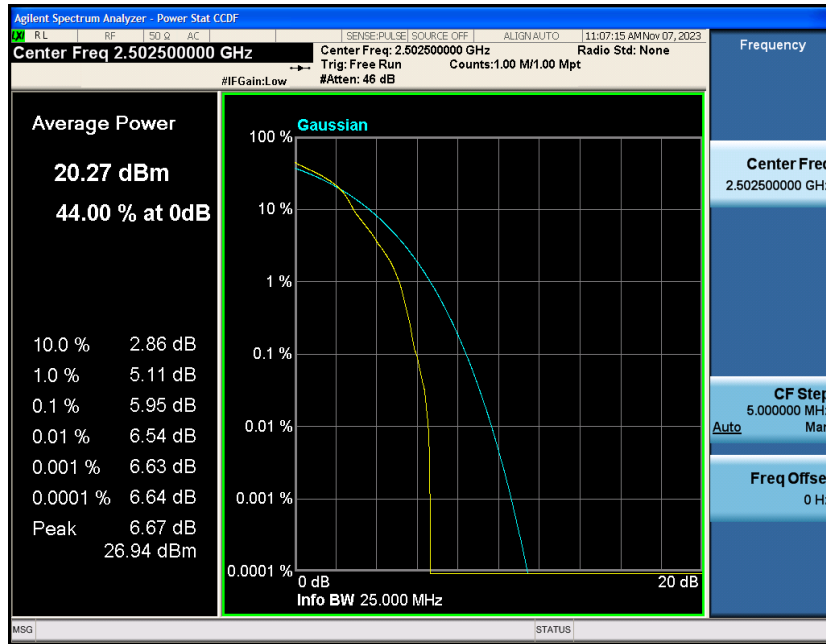
Band7-5MHz-QPSK-21425-1RB#0



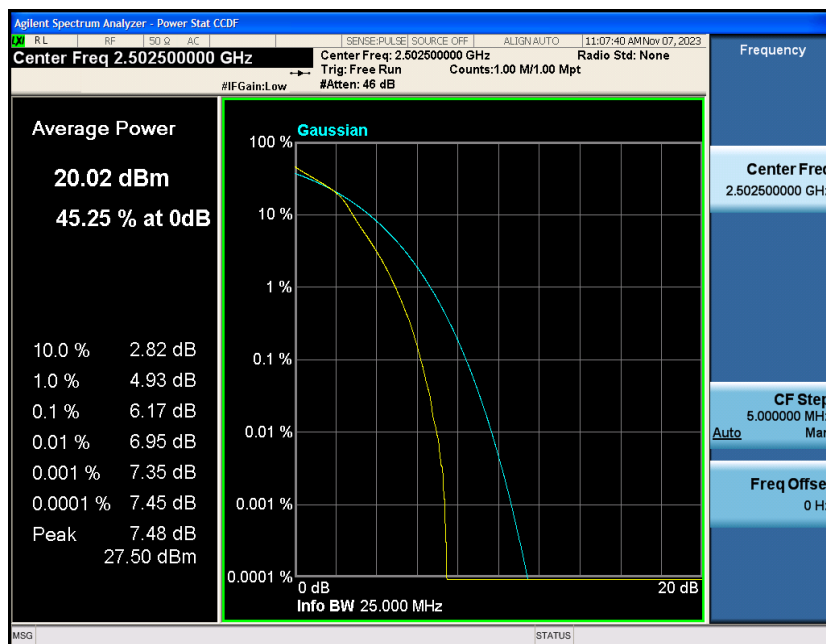
Band7-5MHz-QPSK-21425-25RB#0



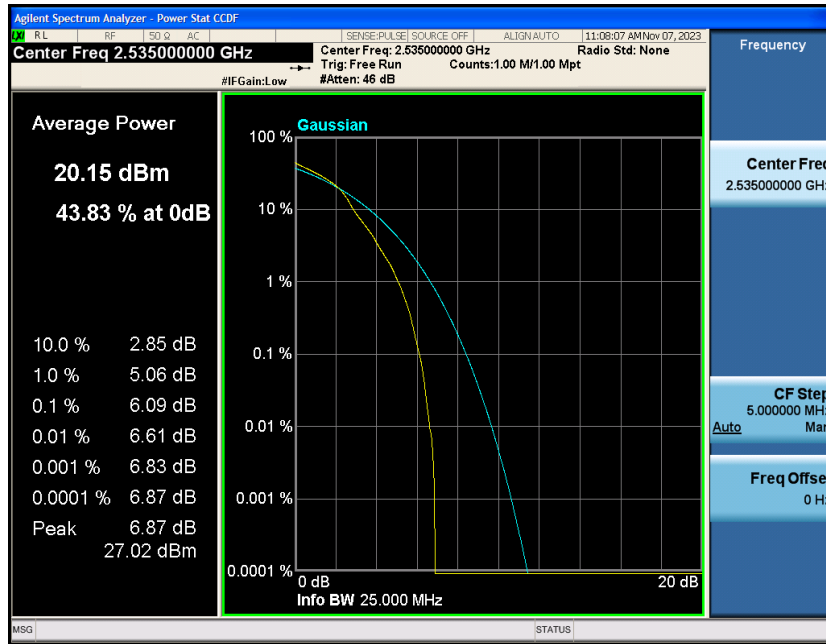
Band7-5MHz-16QAM-20775-1RB#0



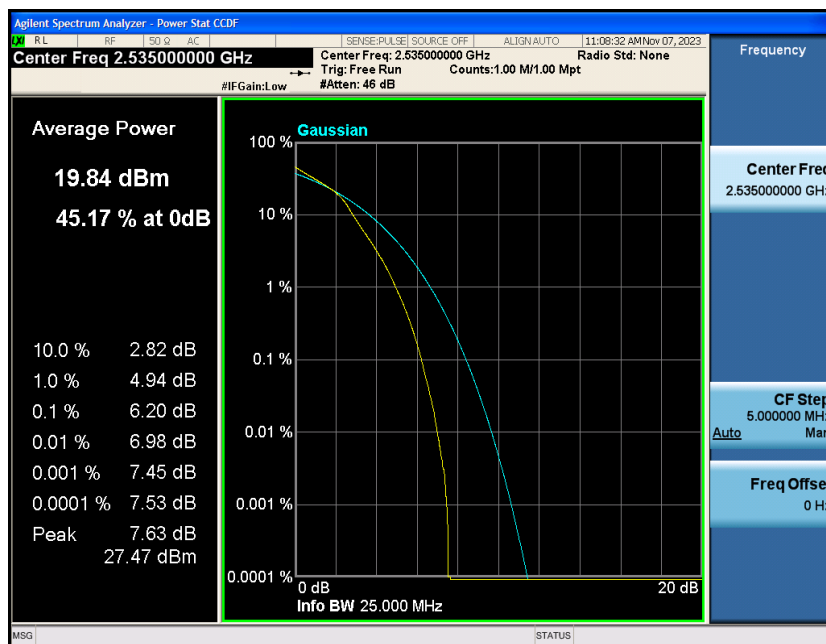
Band7-5MHz-16QAM-20775-25RB#0



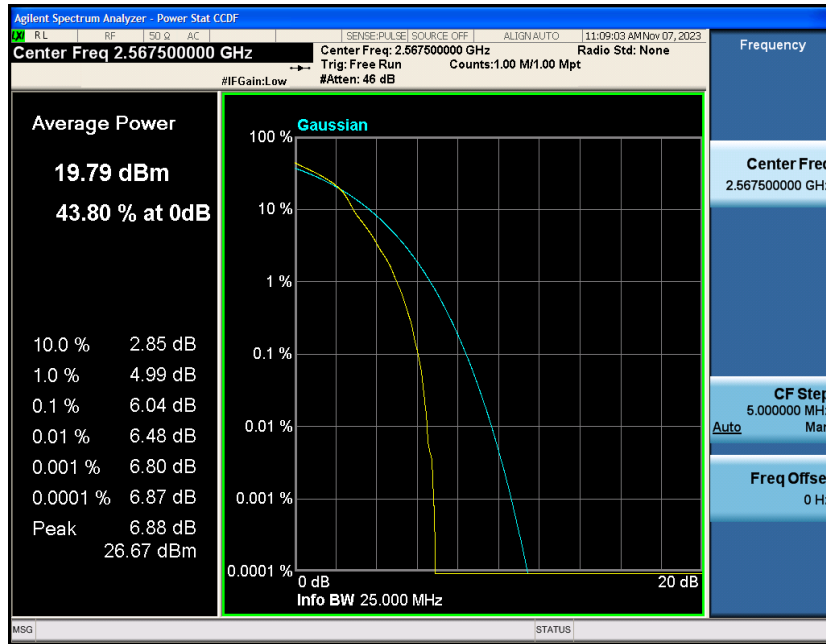
Band7-5MHz-16QAM-21100-1RB#0



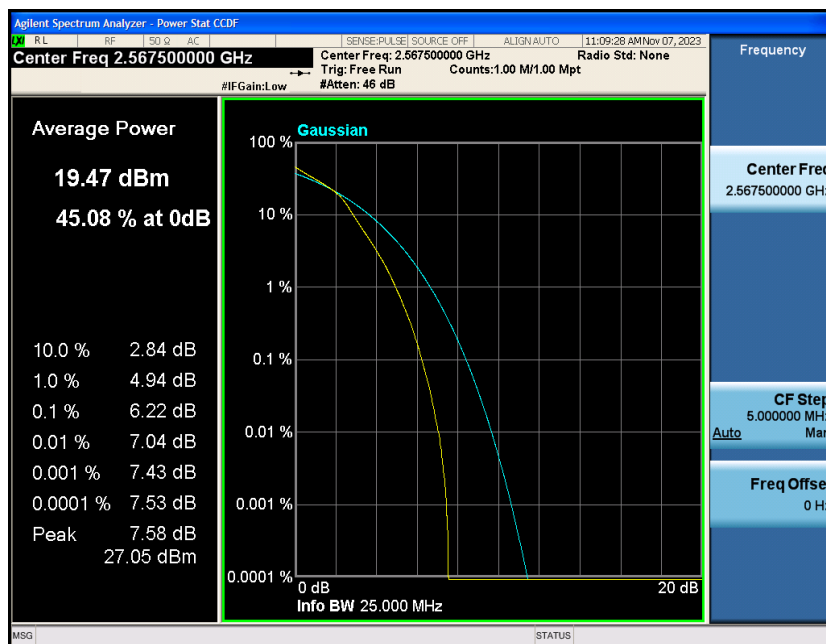
Band7-5MHz-16QAM-21100-25RB#0



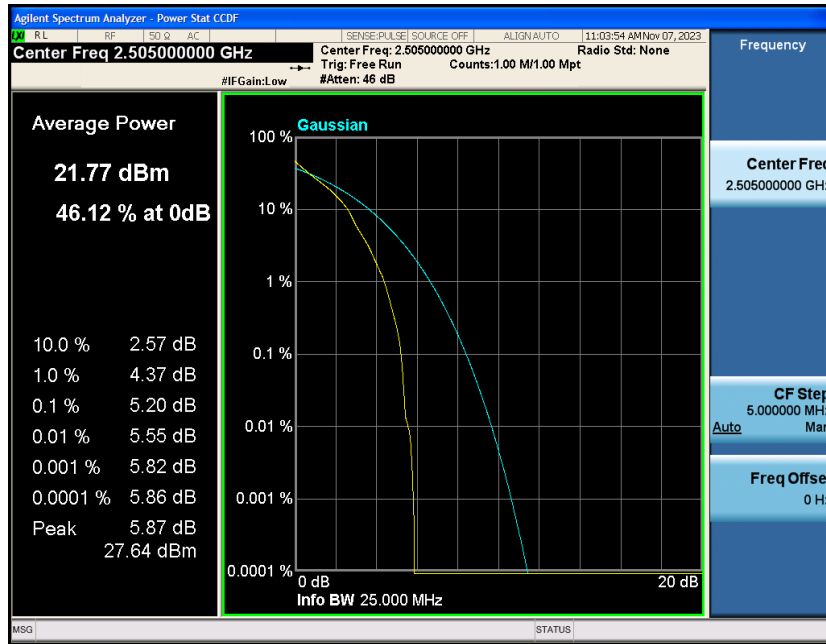
Band7-5MHz-16QAM-21425-1RB#0



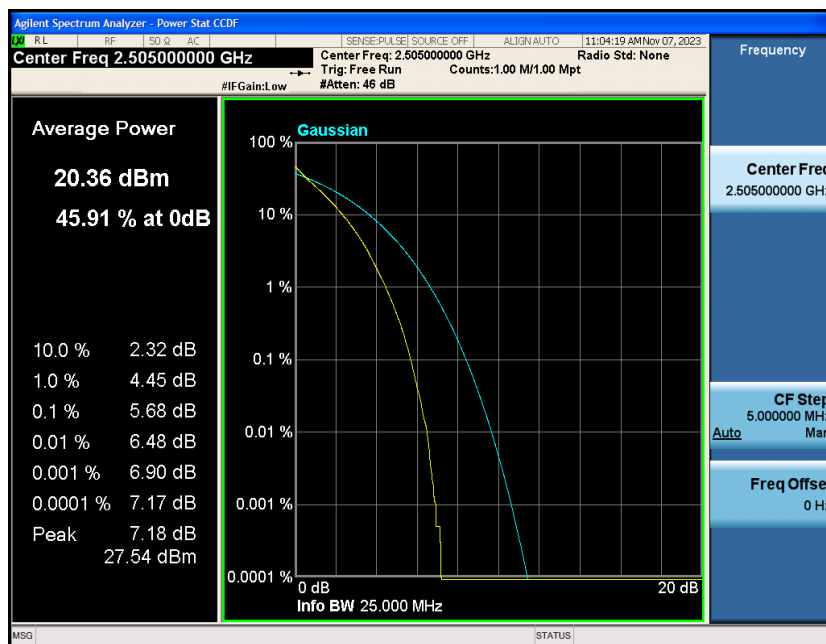
Band7-5MHz-16QAM-21425-25RB#0



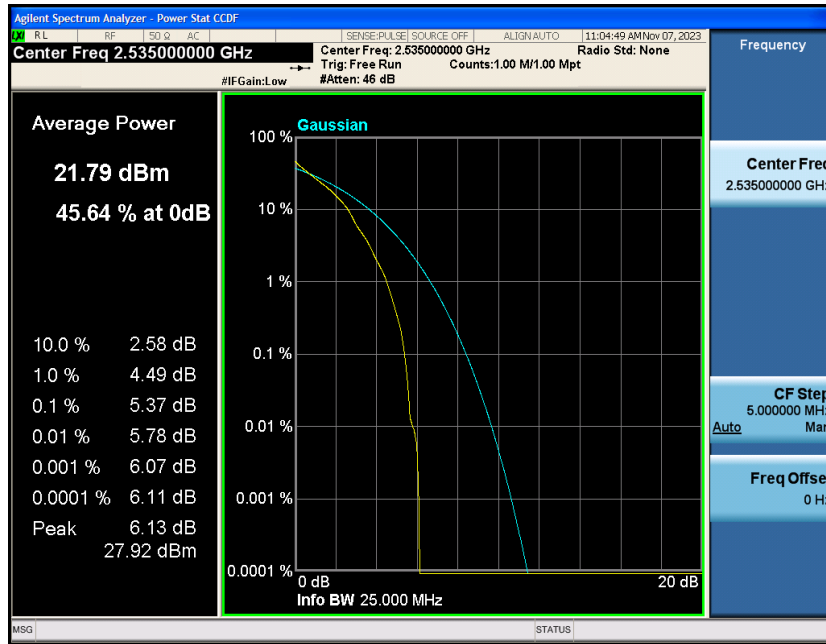
Band7-10MHz-QPSK-20800-1RB#0



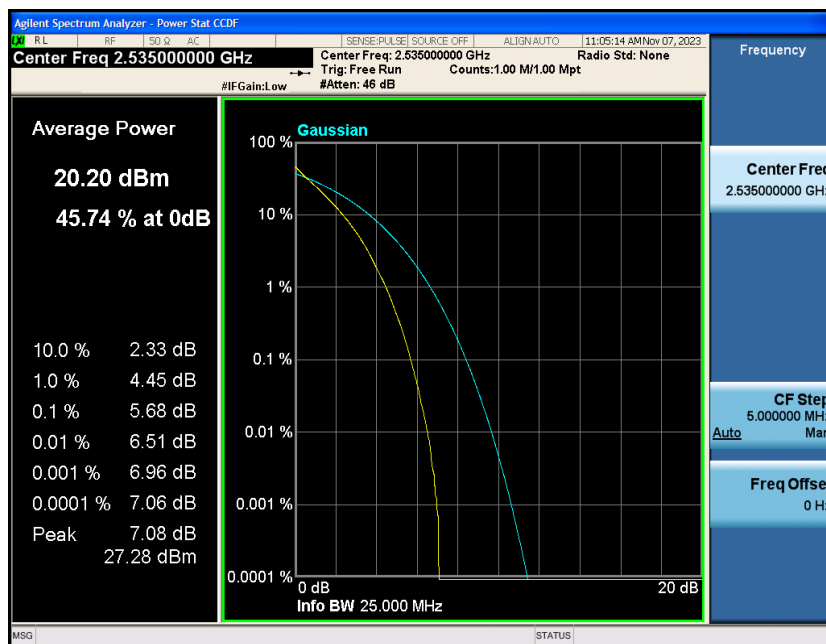
Band7-10MHz-QPSK-20800-50RB#0



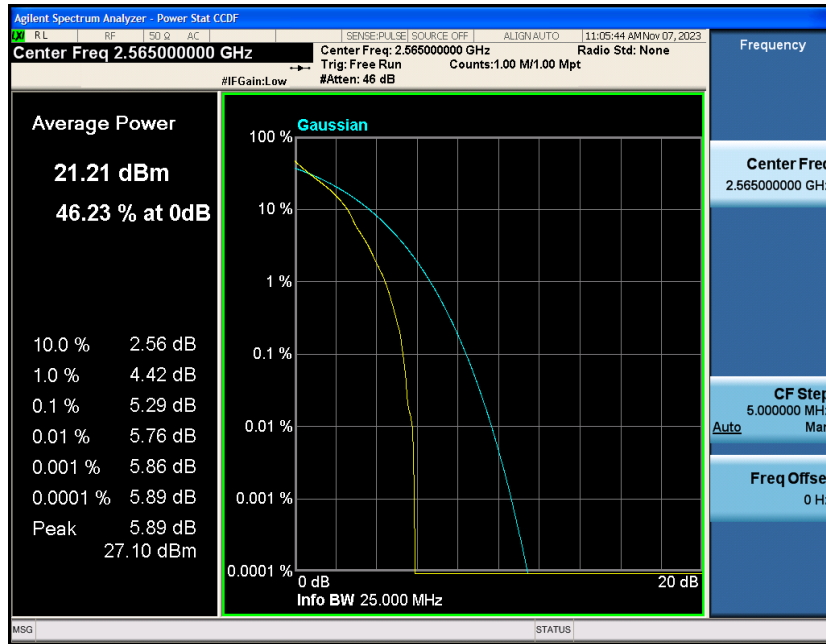
Band7-10MHz-QPSK-21100-1RB#0



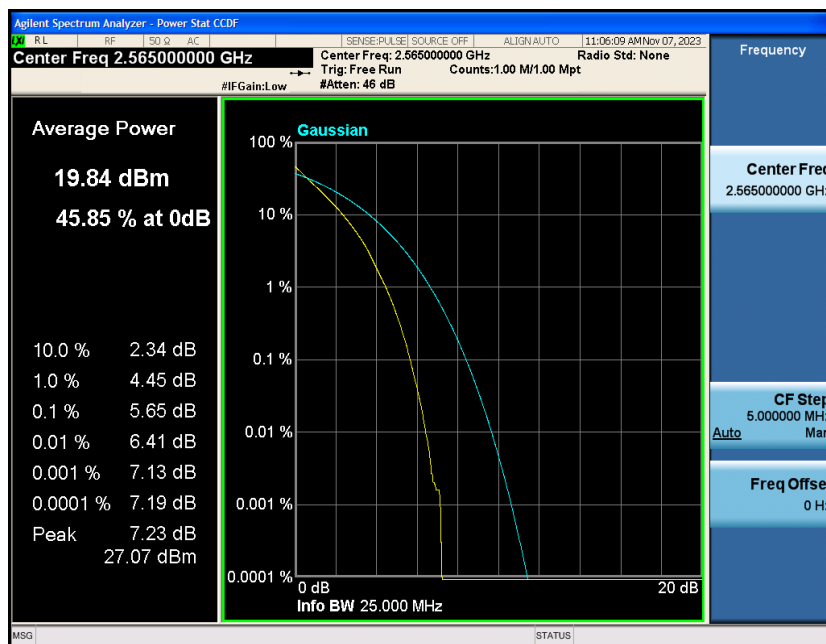
Band7-10MHz-QPSK-21100-50RB#0



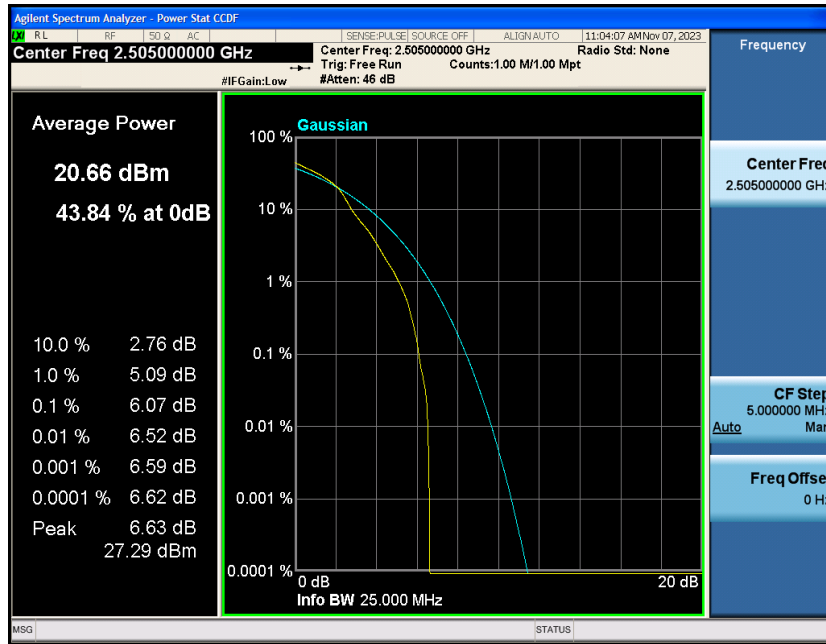
Band7-10MHz-QPSK-21400-1RB#0



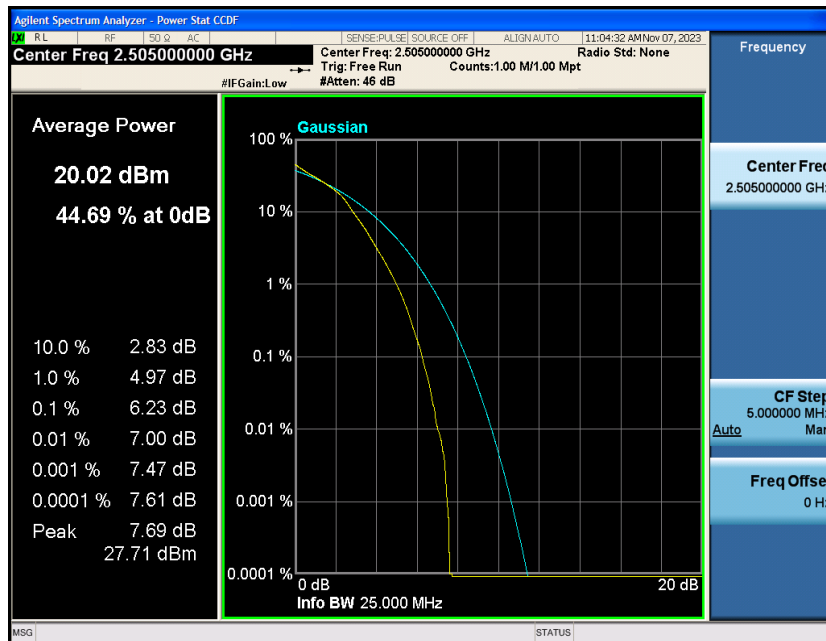
Band7-10MHz-QPSK-21400-50RB#0



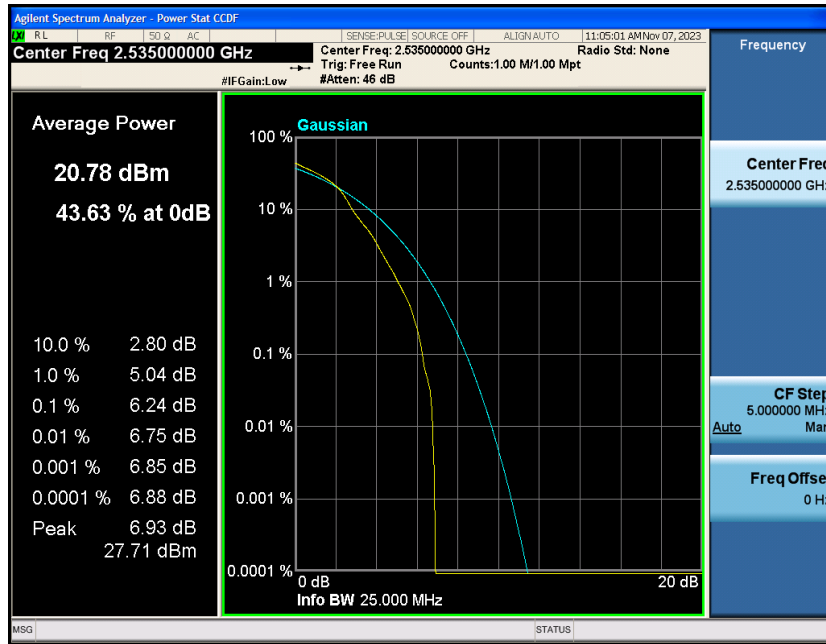
Band7-10MHz-16QAM-20800-1RB#0



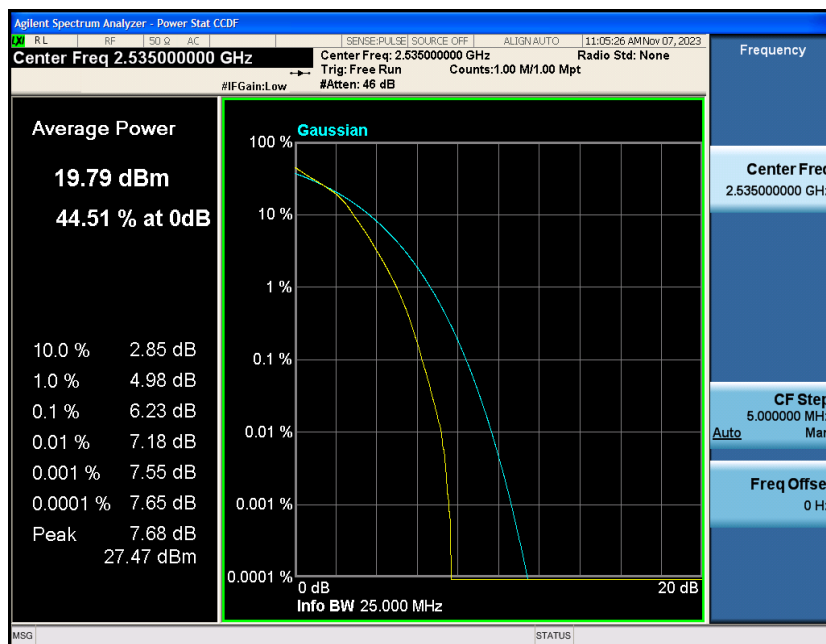
Band7-10MHz-16QAM-20800-50RB#0



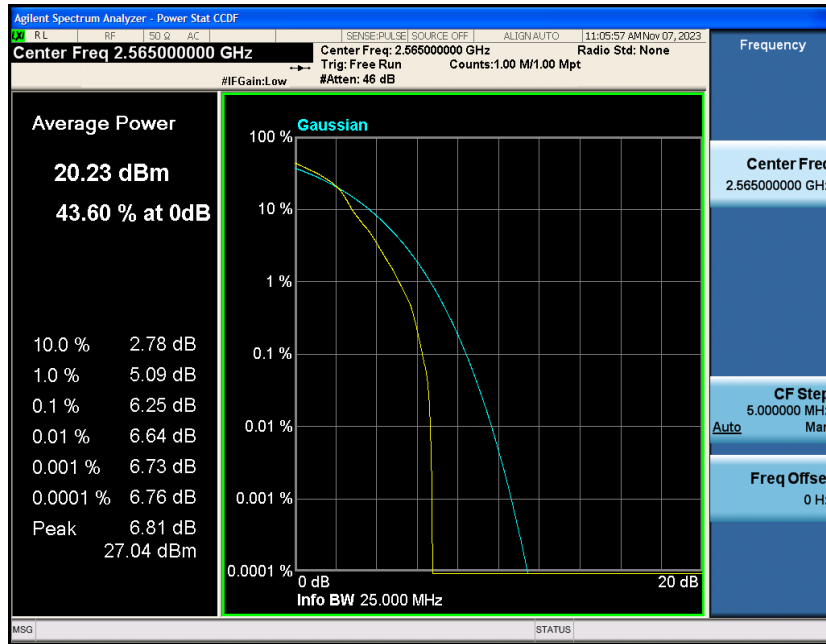
Band7-10MHz-16QAM-21100-1RB#0



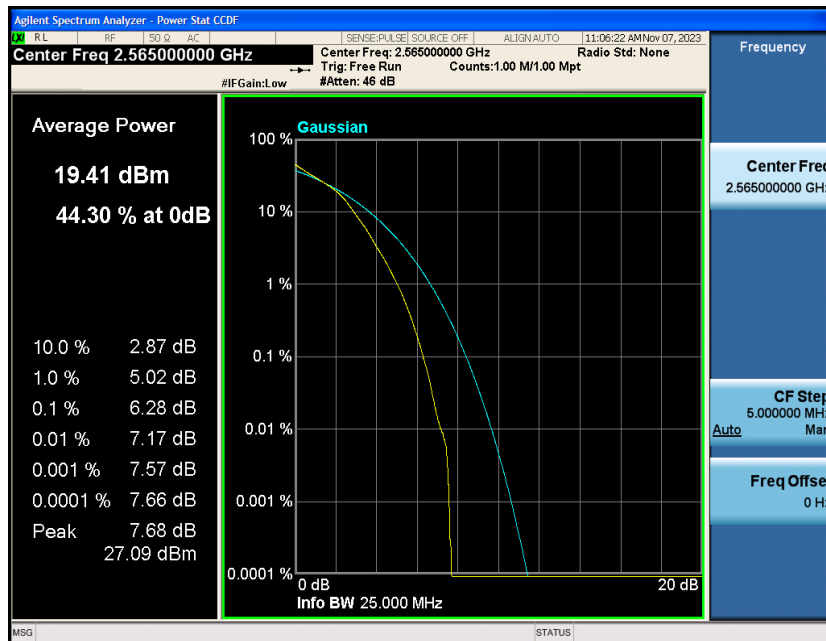
Band7-10MHz-16QAM-21100-50RB#0



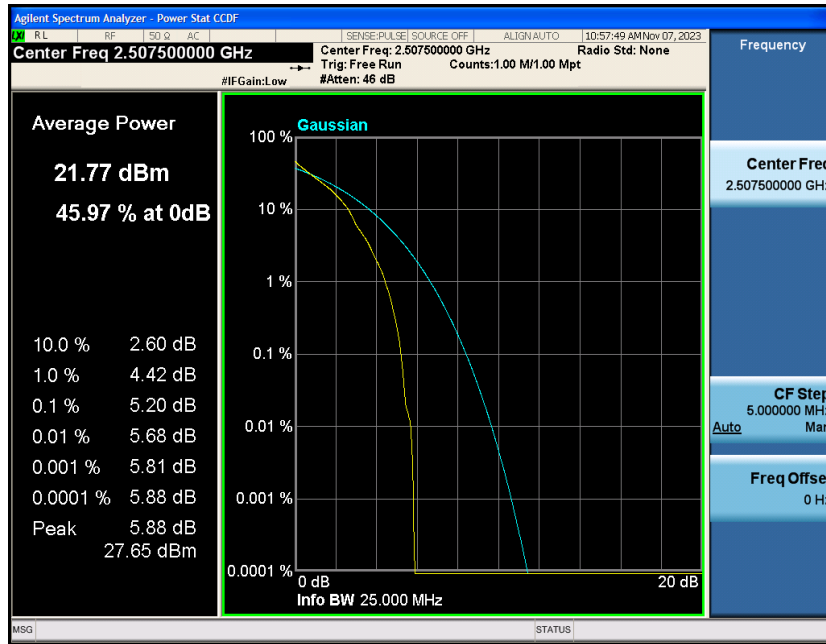
Band7-10MHz-16QAM-21400-1RB#0



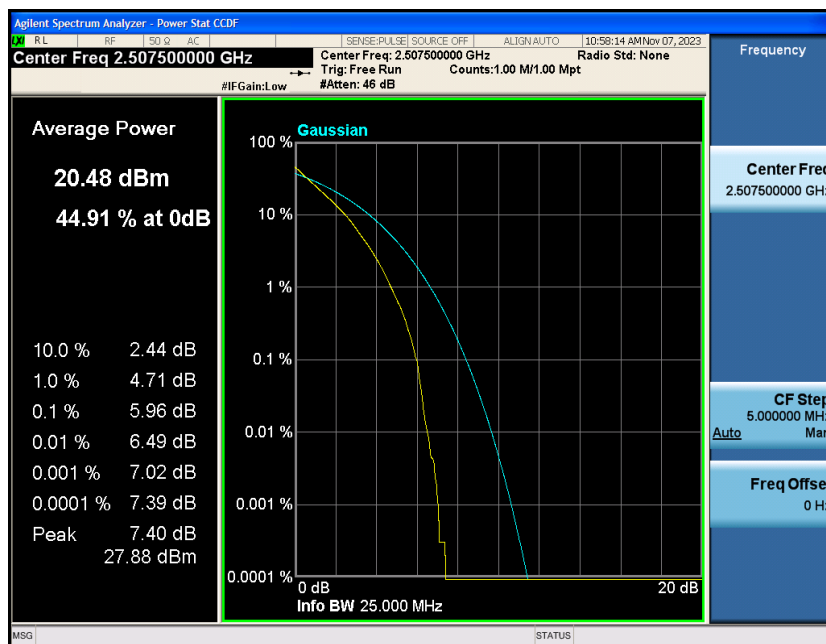
Band7-10MHz-16QAM-21400-50RB#0



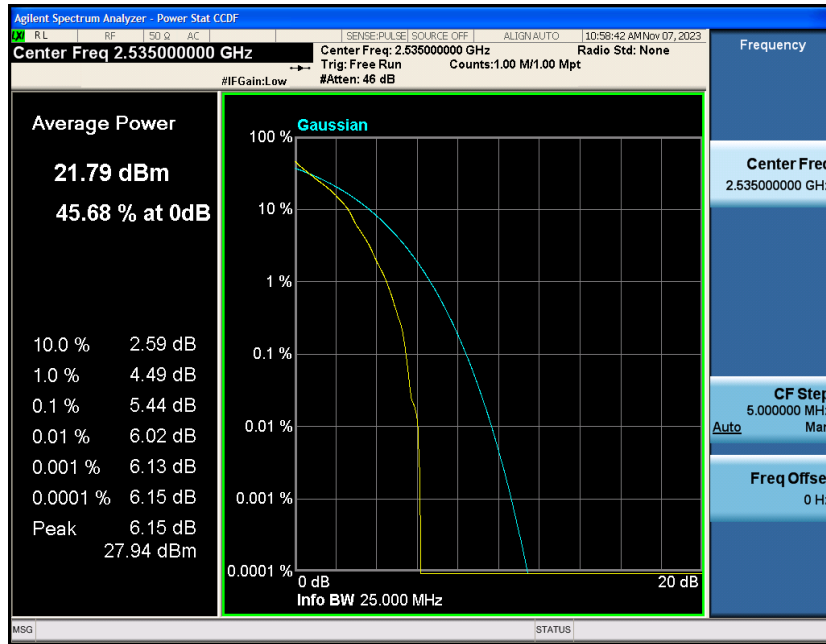
Band7-15MHz-QPSK-20825-1RB#0



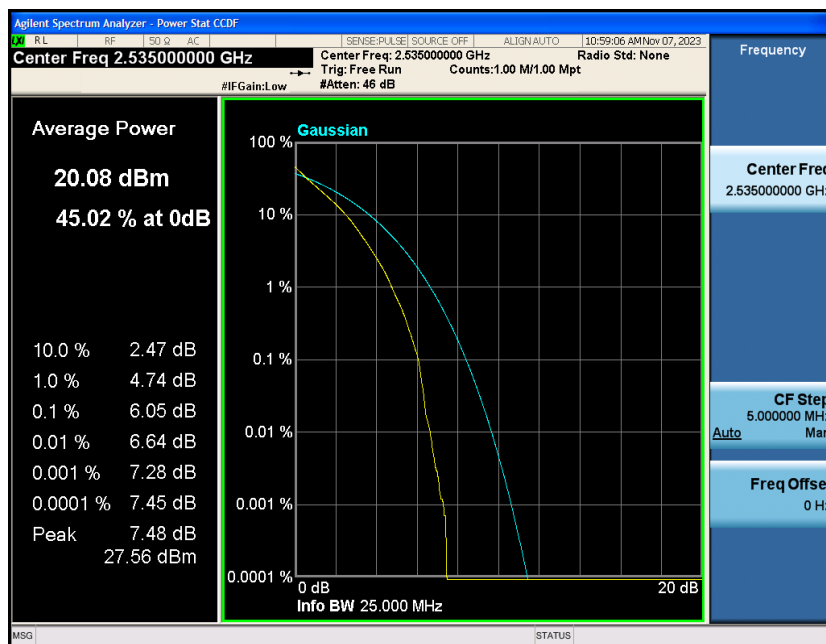
Band7-15MHz-QPSK-20825-75RB#0



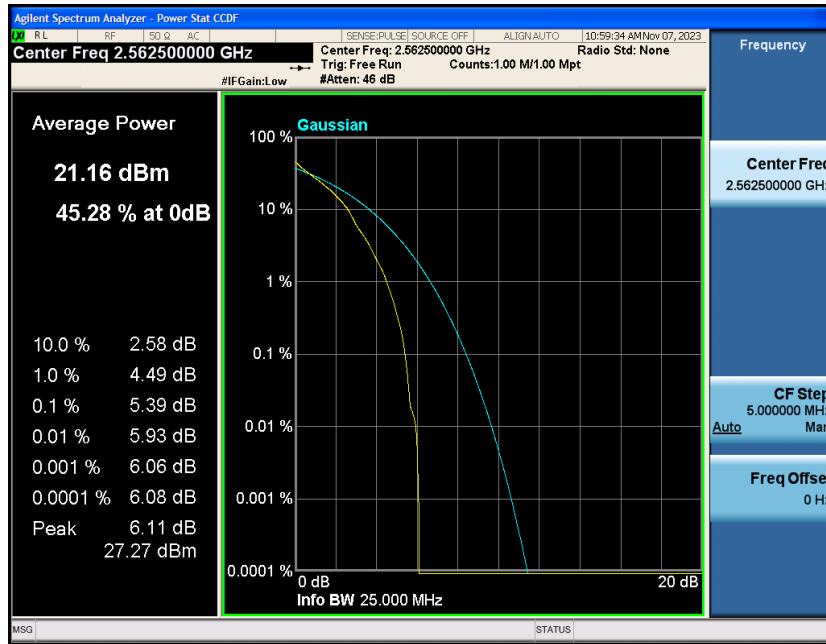
Band7-15MHz-QPSK-21100-1RB#0



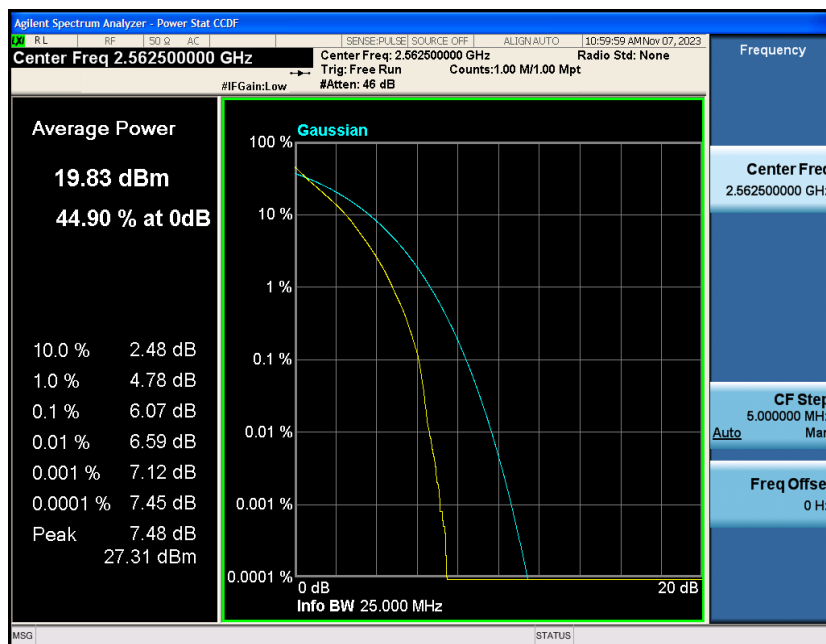
Band7-15MHz-QPSK-21100-75RB#0



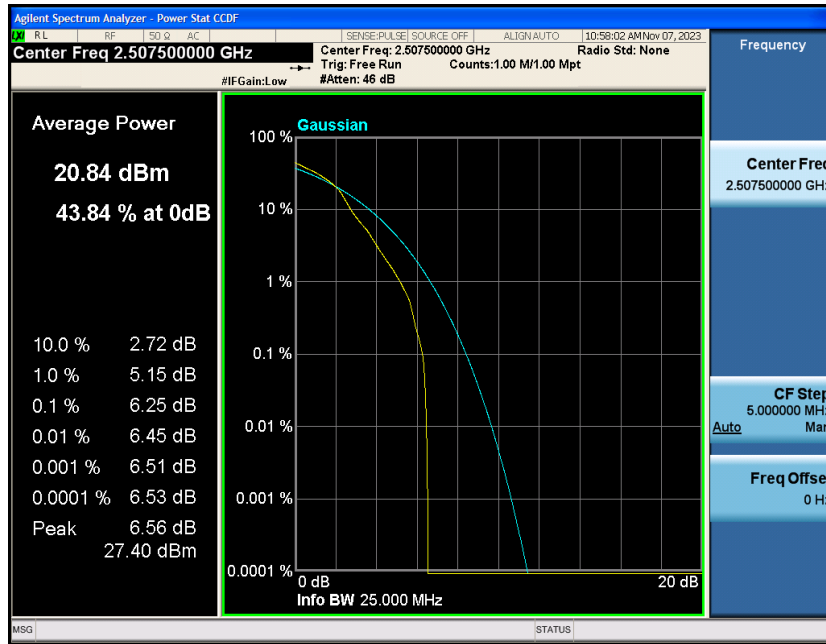
Band7-15MHz-QPSK-21375-1RB#0



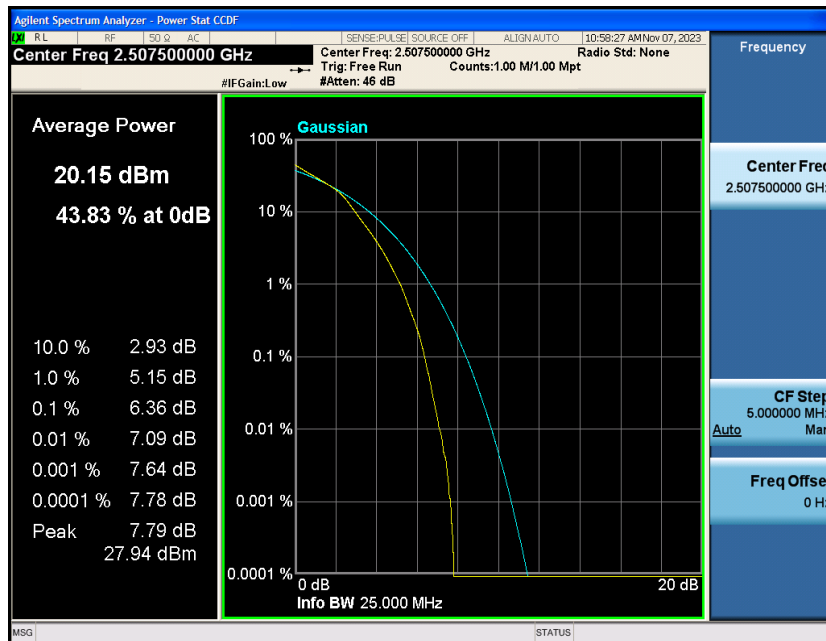
Band7-15MHz-QPSK-21375-75RB#0



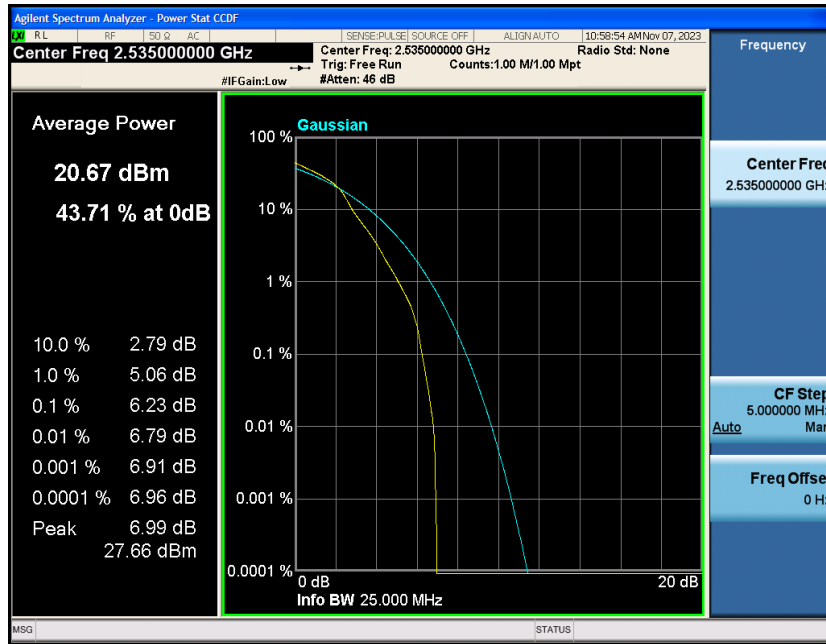
Band7-15MHz-16QAM-20825-1RB#0



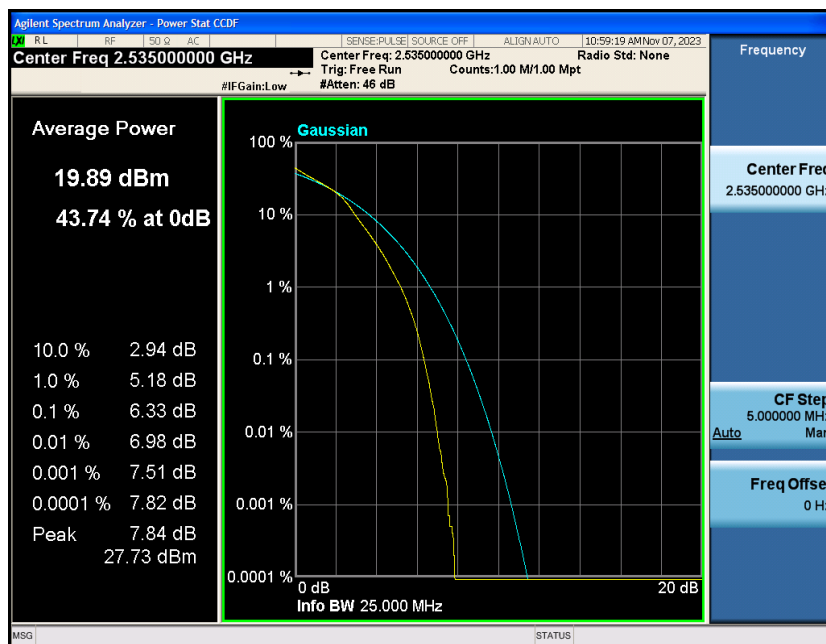
Band7-15MHz-16QAM-20825-75RB#0



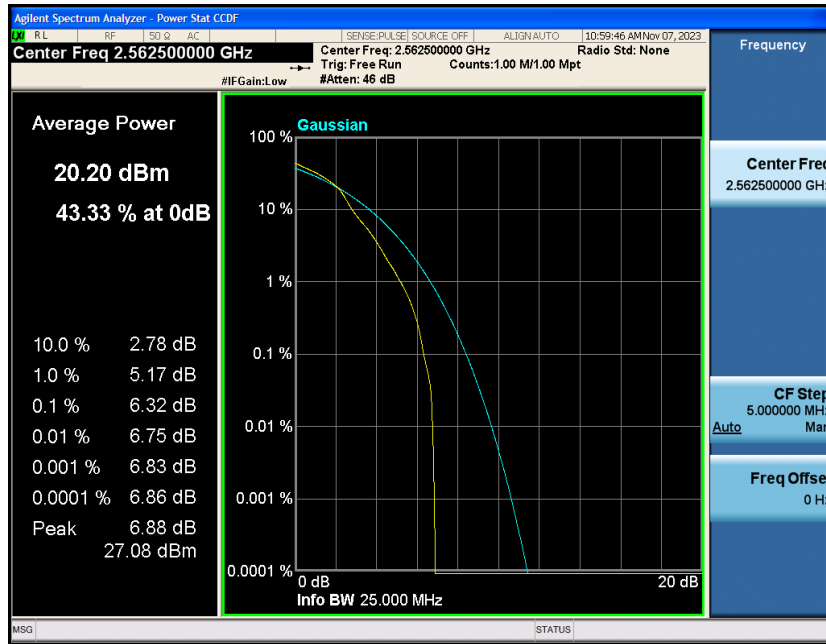
Band7-15MHz-16QAM-21100-1RB#0



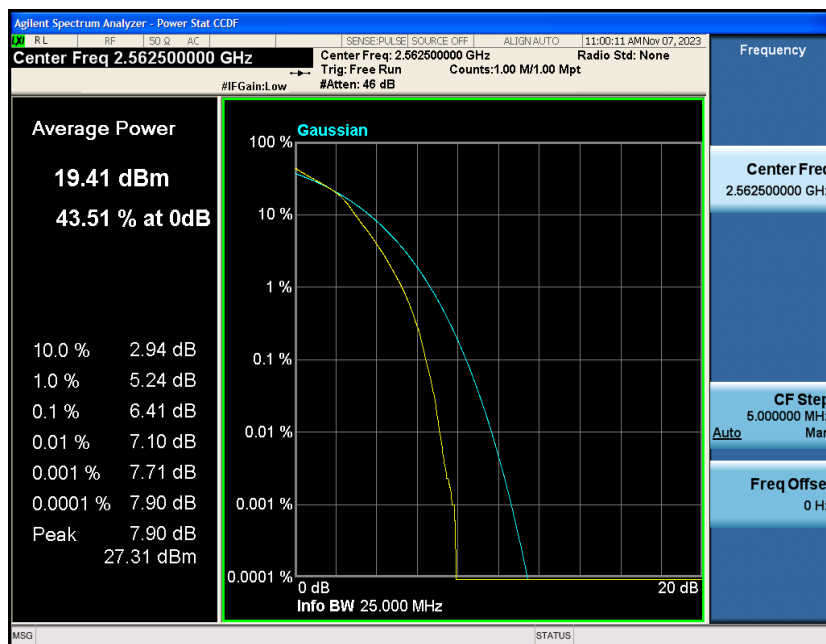
Band7-15MHz-16QAM-21100-75RB#0



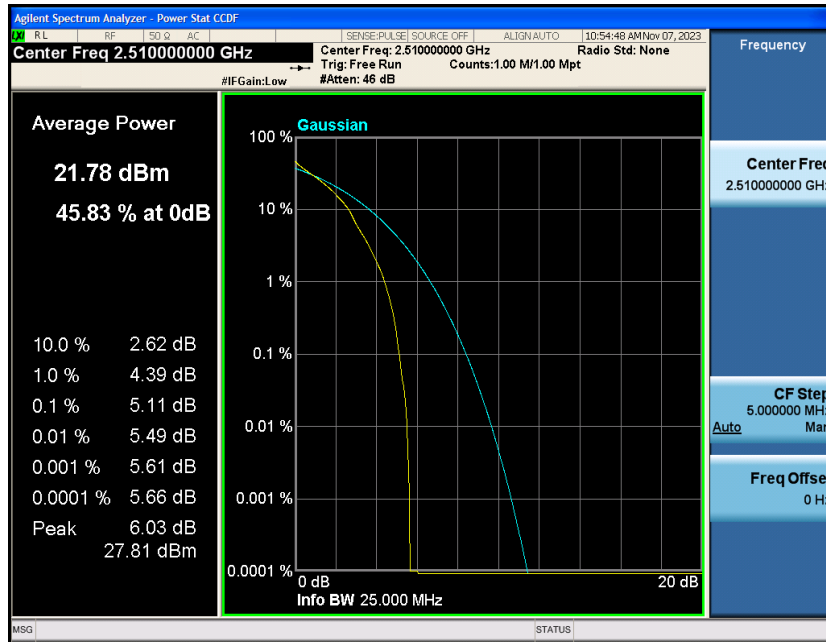
Band7-15MHz-16QAM-21375-1RB#0



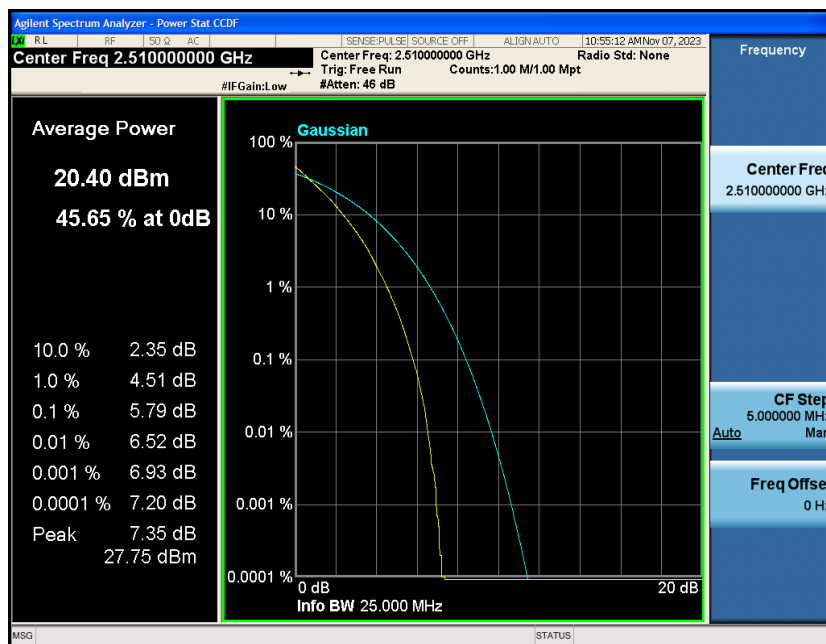
Band7-15MHz-16QAM-21375-75RB#0



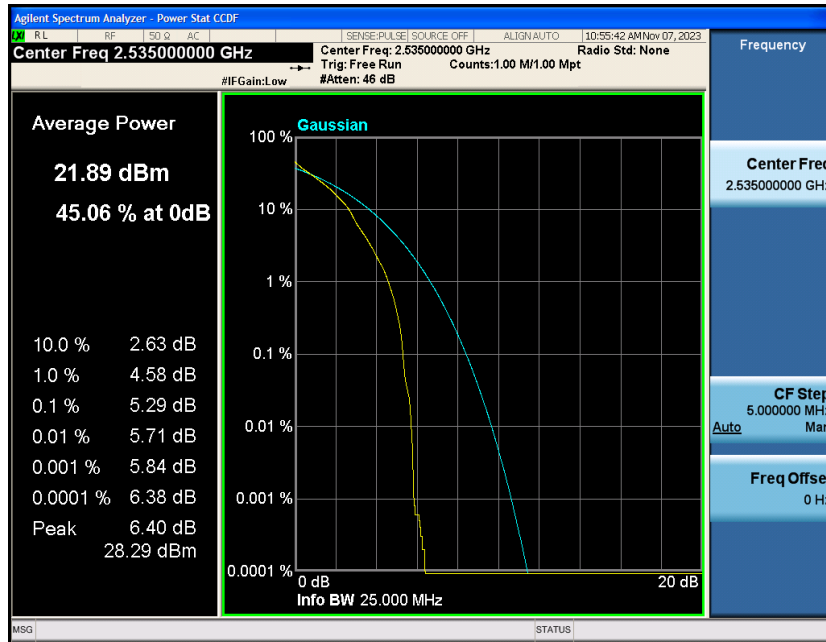
Band7-20MHz-QPSK-20850-1RB#0



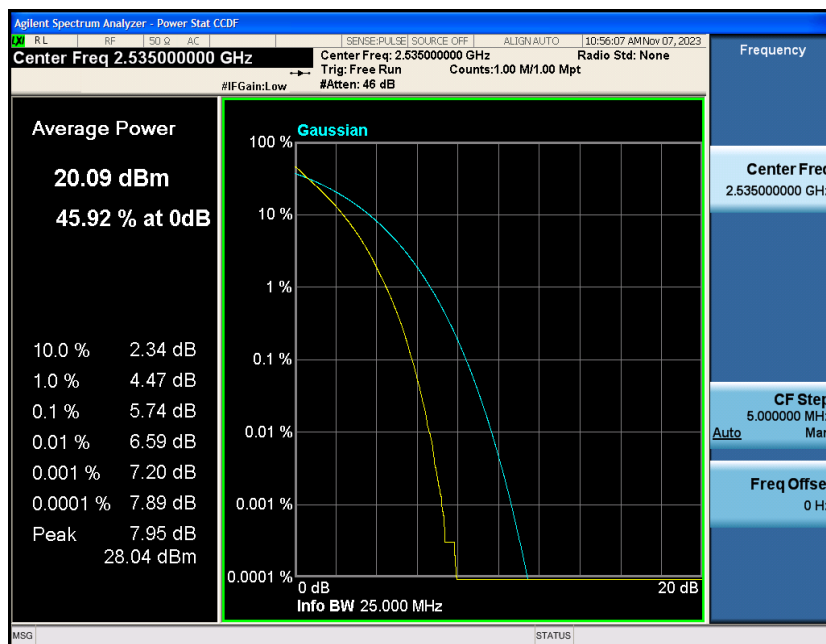
Band7-20MHz-QPSK-20850-100RB#0



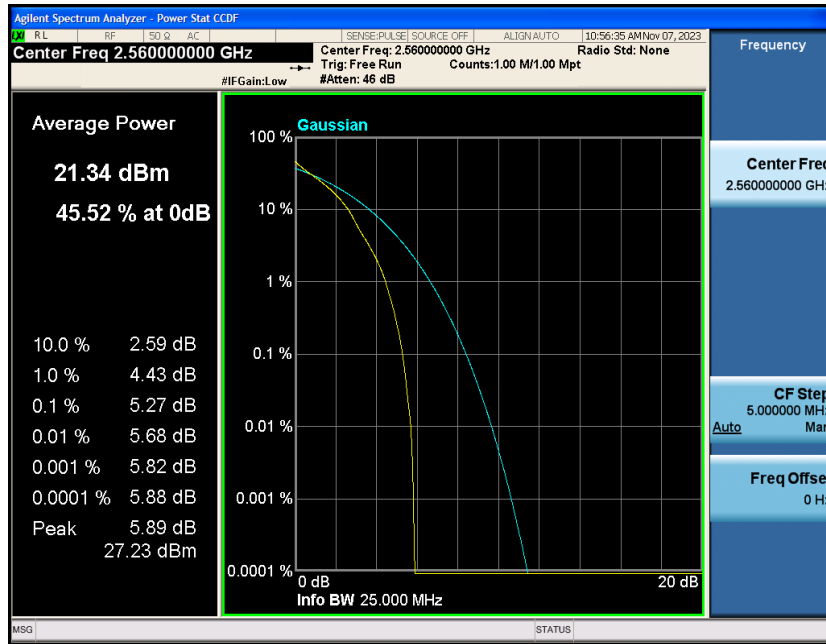
Band7-20MHz-QPSK-21100-1RB#0



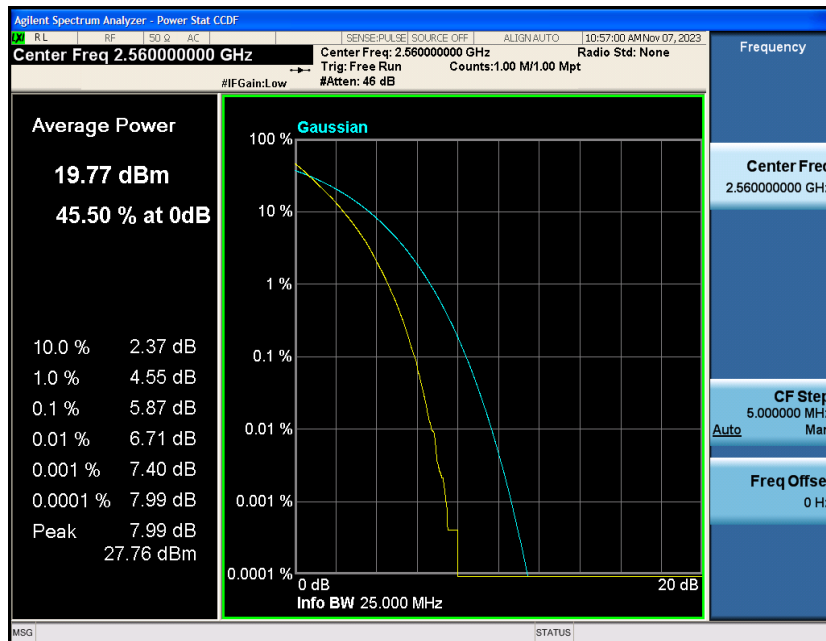
Band7-20MHz-QPSK-21100-100RB#0



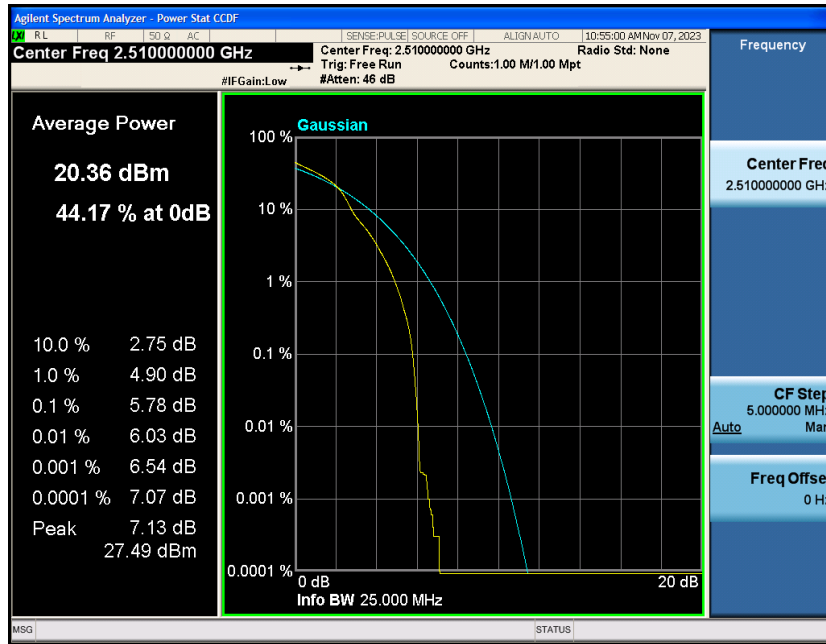
Band7-20MHz-QPSK-21350-1RB#0



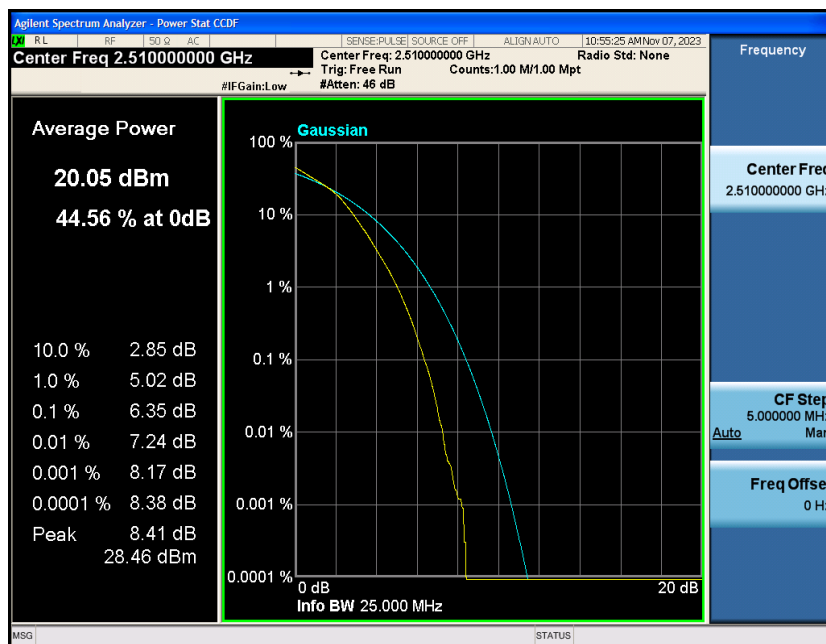
Band7-20MHz-QPSK-21350-100RB#0



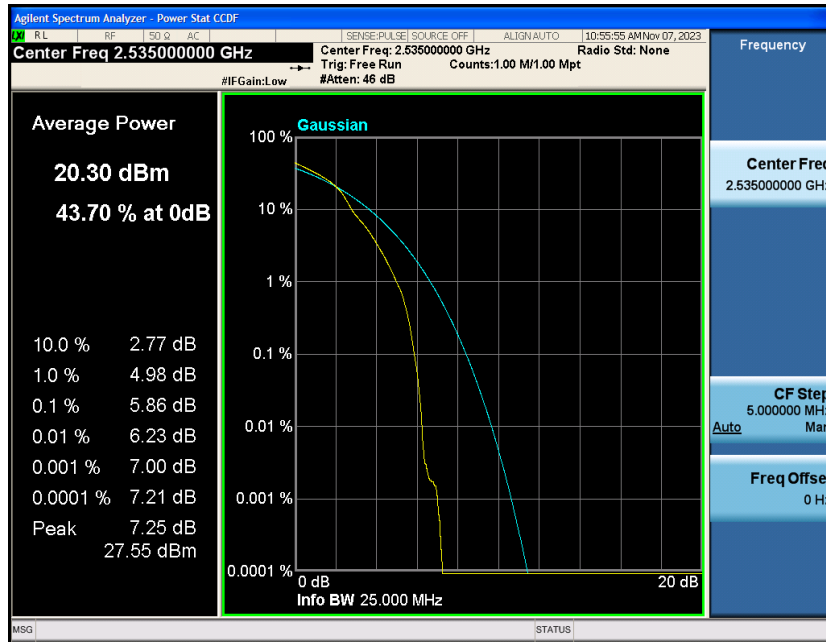
Band7-20MHz-16QAM-20850-1RB#0



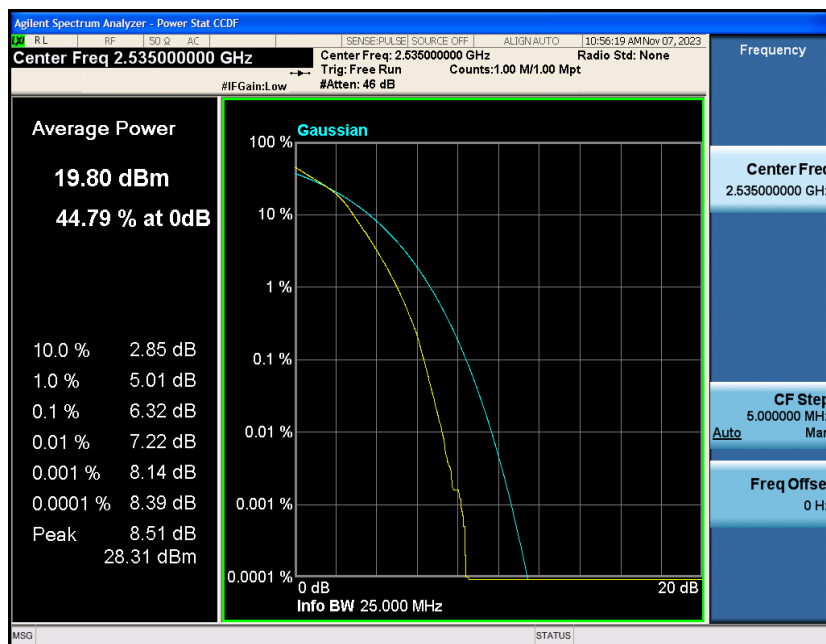
Band7-20MHz-16QAM-20850-100RB#0



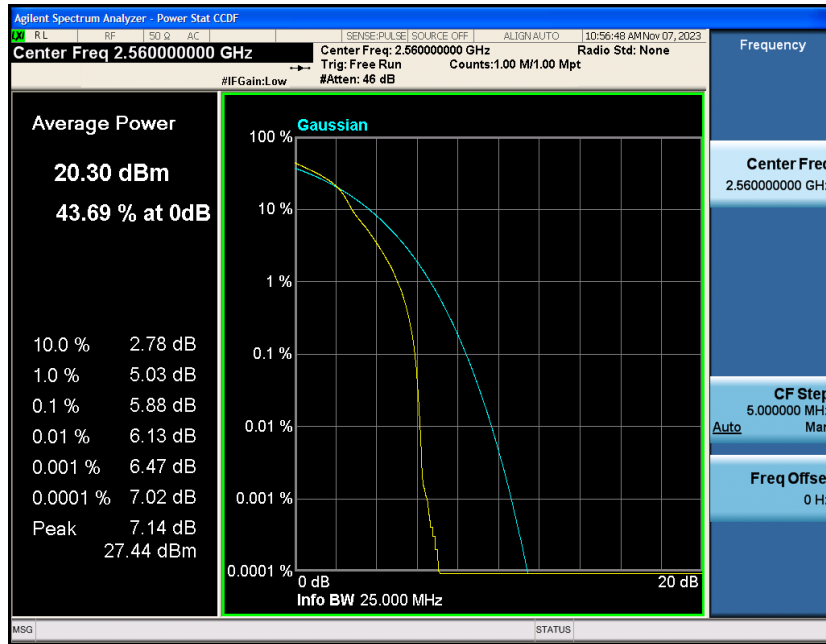
Band7-20MHz-16QAM-21100-1RB#0



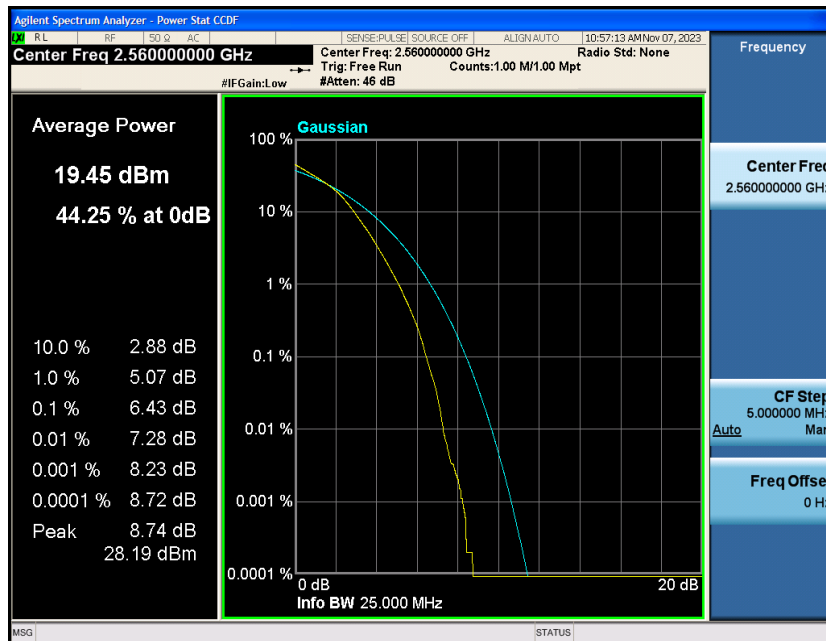
Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-100RB#0



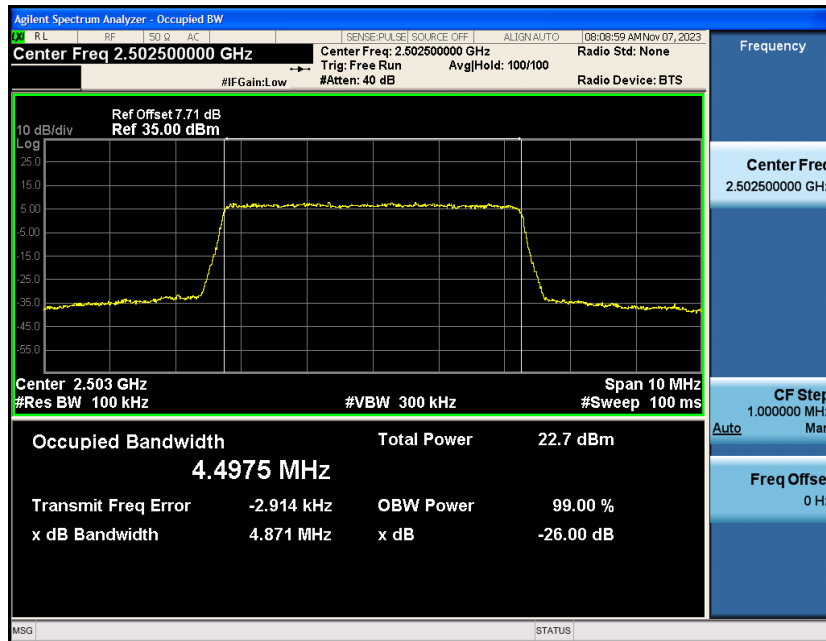
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

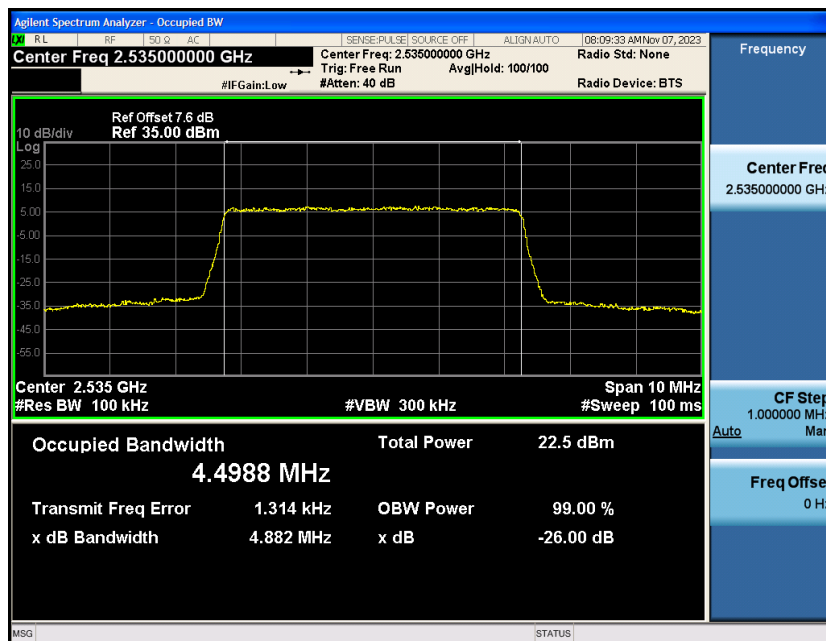
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4975	4.871	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4988	4.882	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4986	4.886	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4981	4.877	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5008	4.869	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4985	4.892	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9856	9.592	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9896	9.576	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9940	9.563	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9704	9.580	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9704	9.579	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9784	9.604	PASS
Band7	15MHz	QPSK	20825	75RB#0	9.0549	9.779	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.472	14.30	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.496	14.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.459	14.29	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.459	14.28	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.486	14.31	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.963	18.99	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.971	19.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.998	19.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.951	19.04	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.938	18.99	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.988	19.07	PASS

Test Graphs

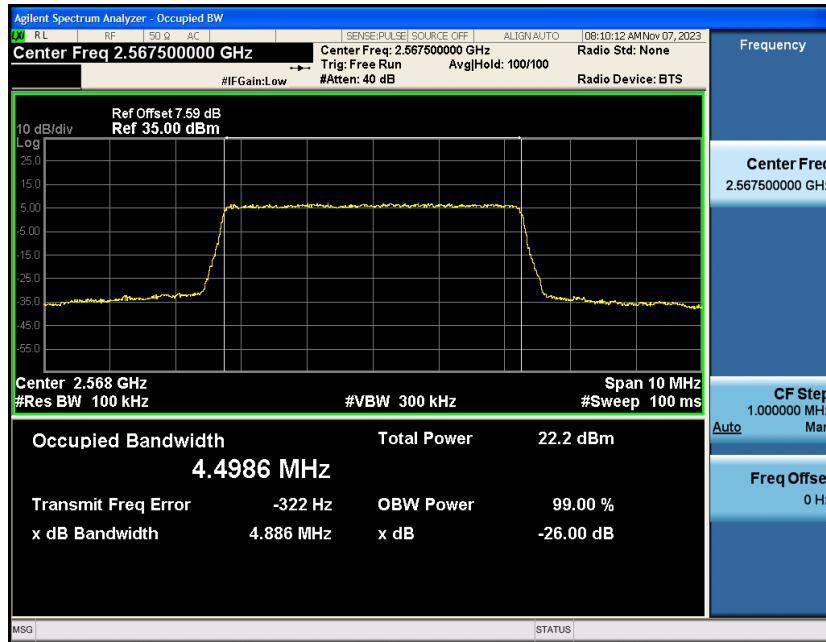
Band7-5MHz-QPSK-20775-25RB#0



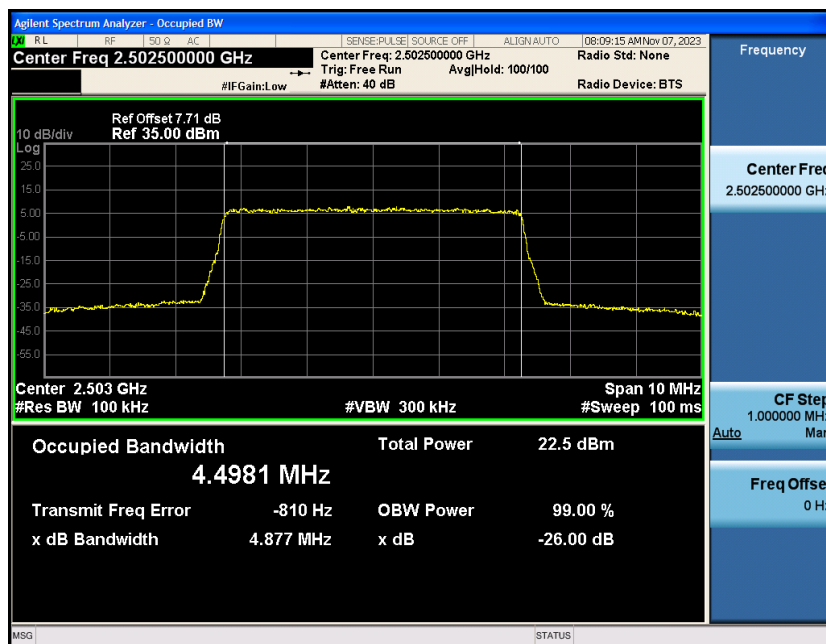
Band7-5MHz-QPSK-21100-25RB#0



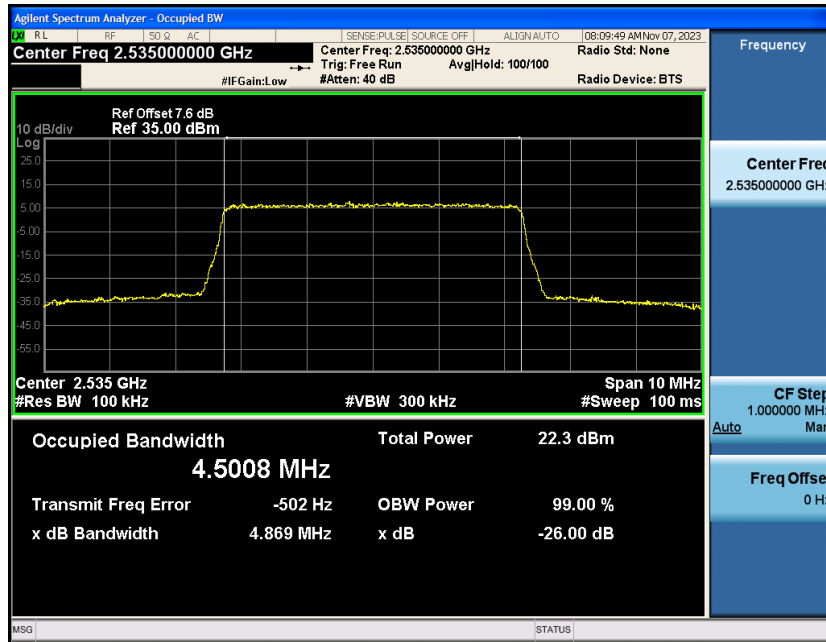
Band7-5MHz-QPSK-21425-25RB#0



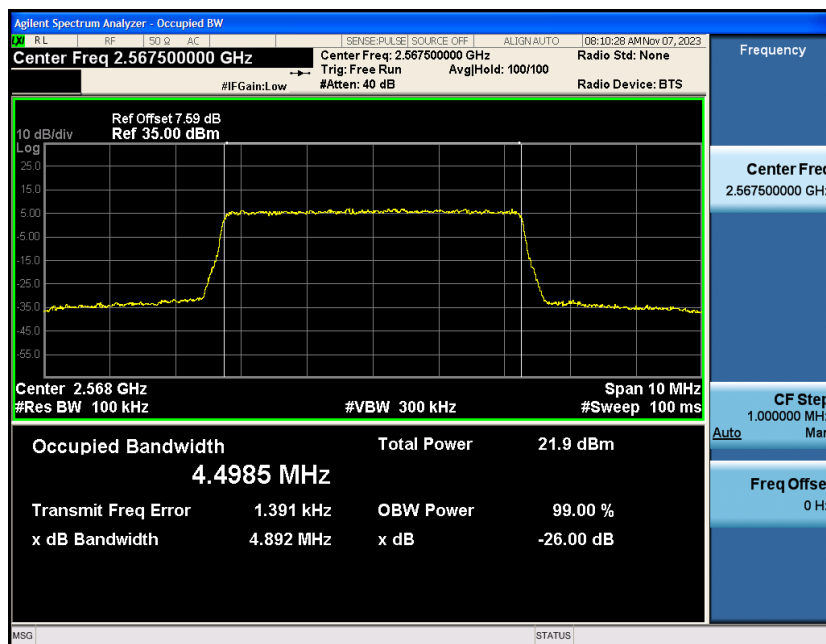
Band7-5MHz-16QAM-20775-25RB#0



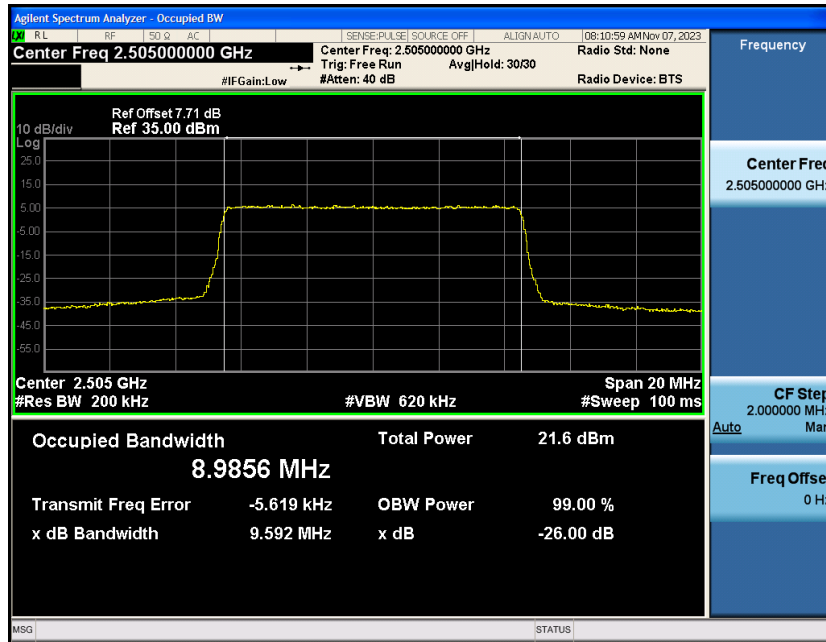
Band7-5MHz-16QAM-21100-25RB#0



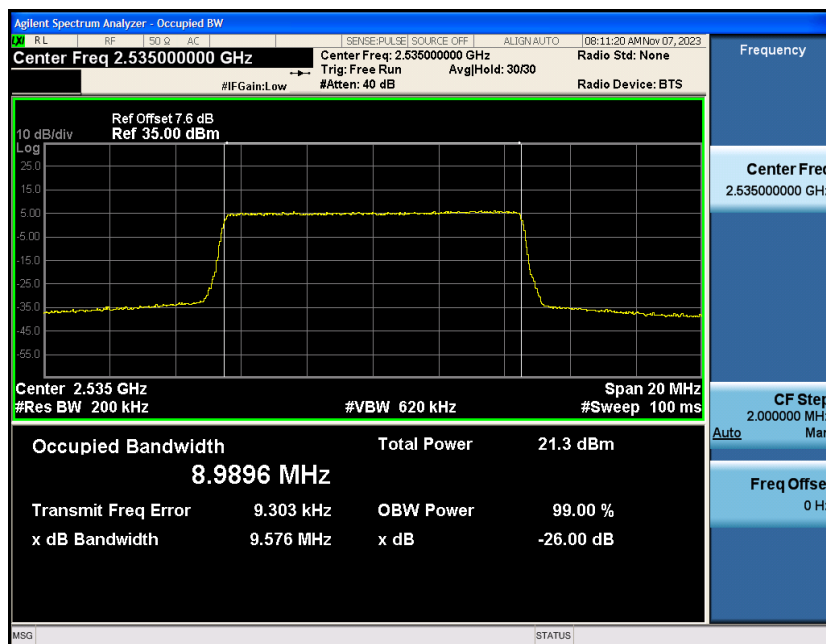
Band7-5MHz-16QAM-21425-25RB#0



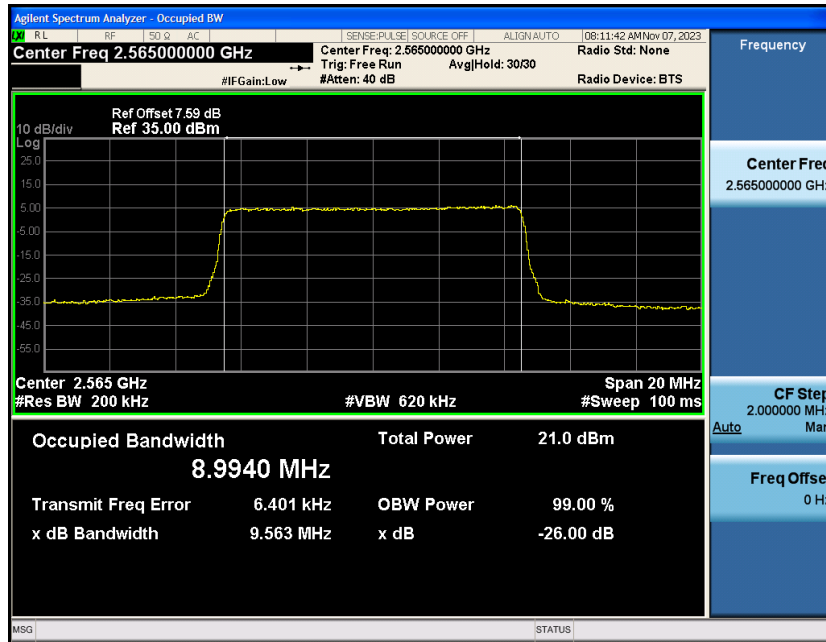
Band7-10MHz-QPSK-20800-50RB#0



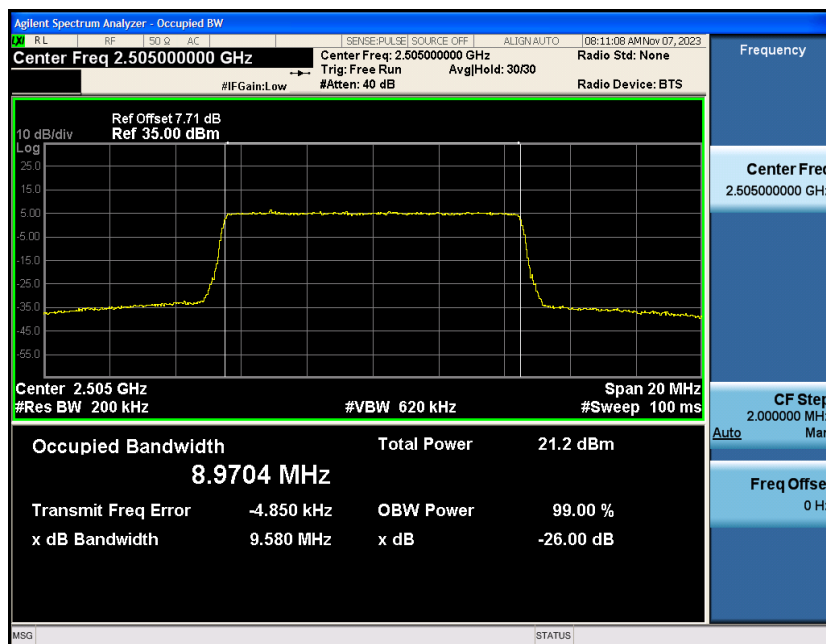
Band7-10MHz-QPSK-21100-50RB#0



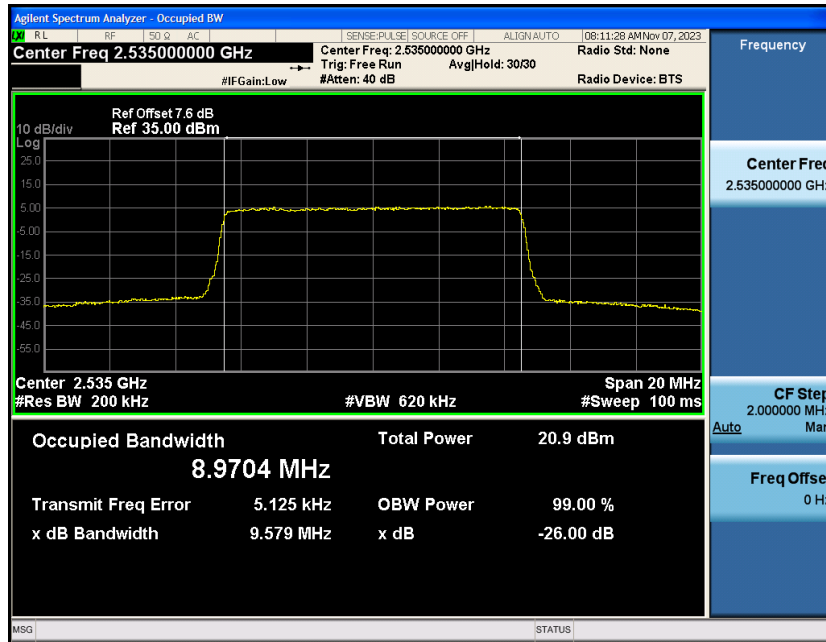
Band7-10MHz-QPSK-21400-50RB#0



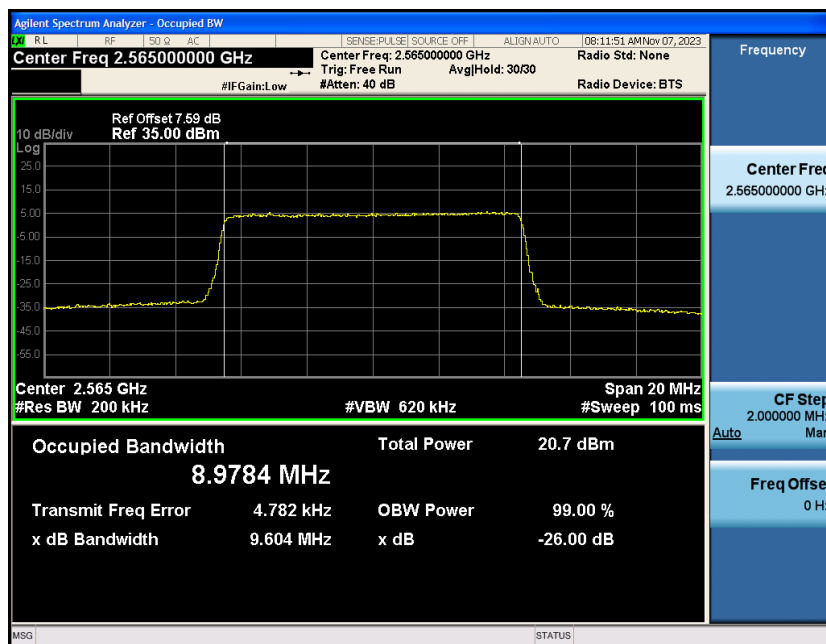
Band7-10MHz-16QAM-20800-50RB#0



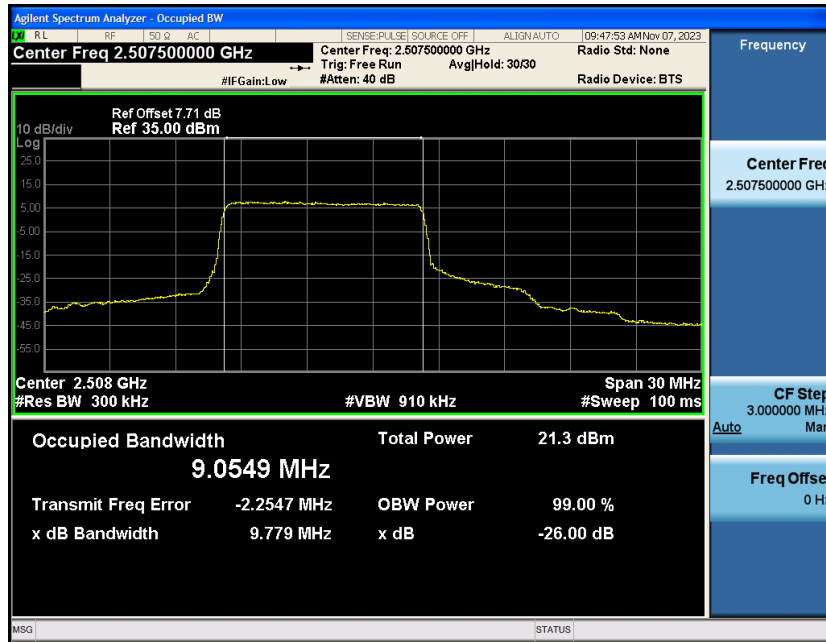
Band7-10MHz-16QAM-21100-50RB#0



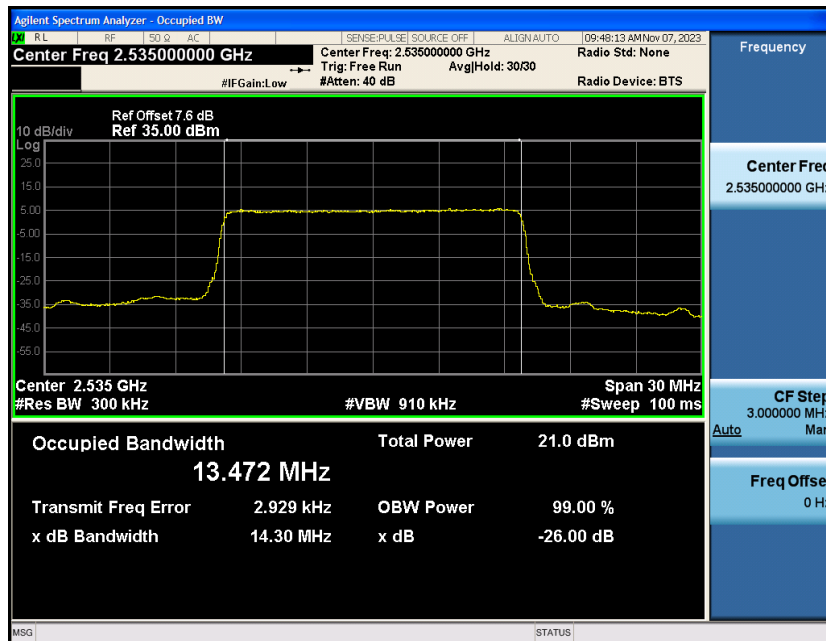
Band7-10MHz-16QAM-21400-50RB#0



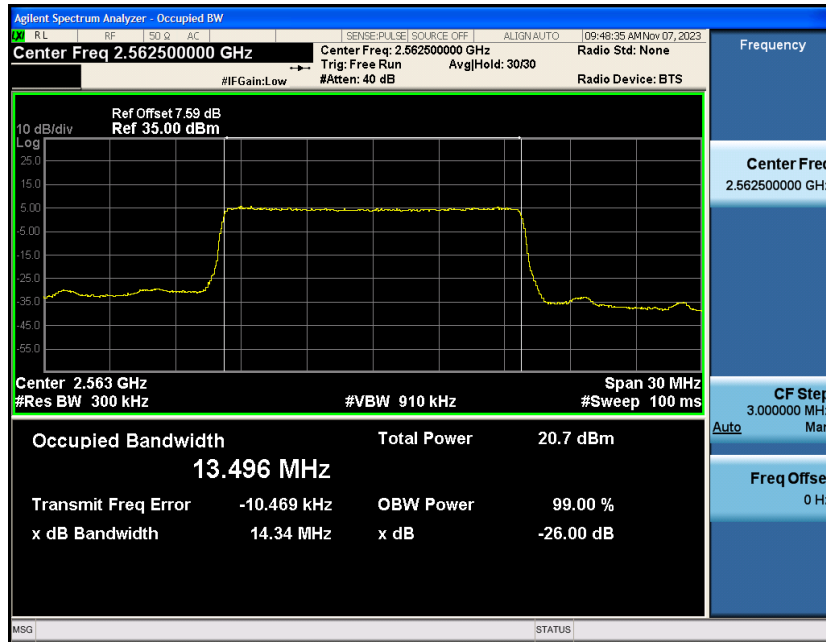
Band7-15MHz-QPSK-20825-75RB#0



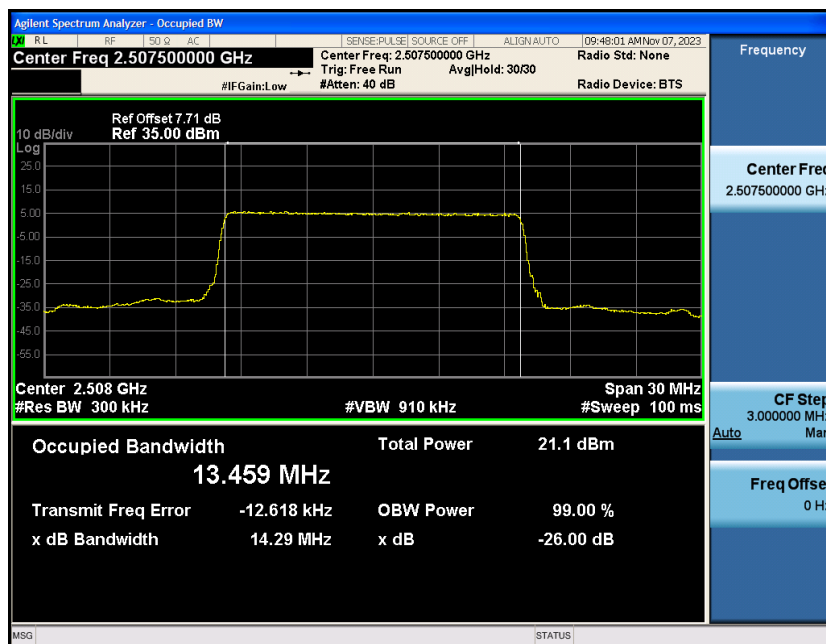
Band7-15MHz-QPSK-21100-75RB#0



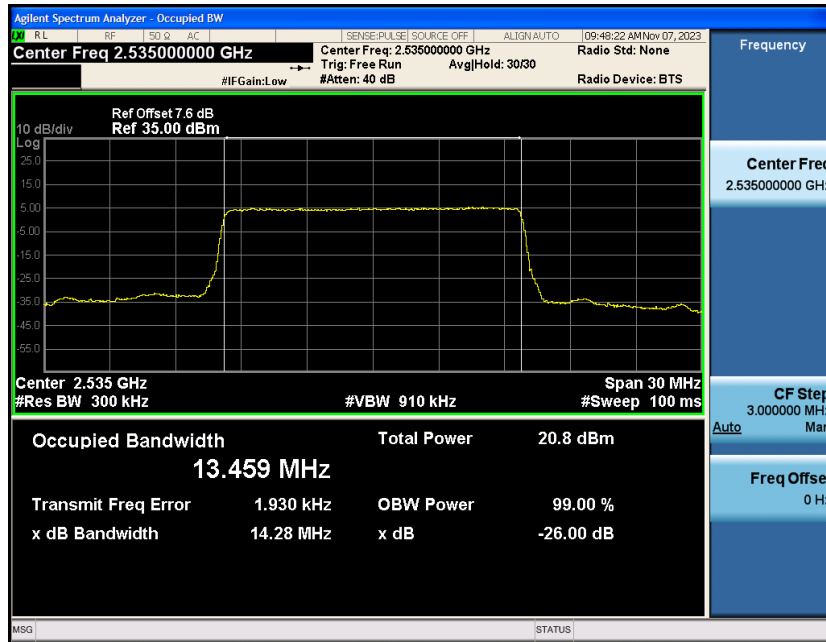
Band7-15MHz-QPSK-21375-75RB#0



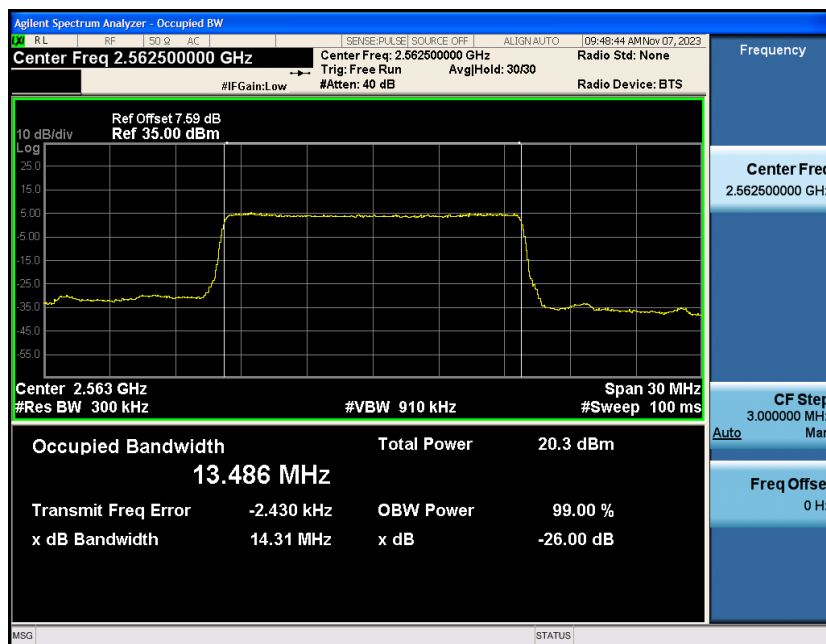
Band7-15MHz-16QAM-20825-75RB#0



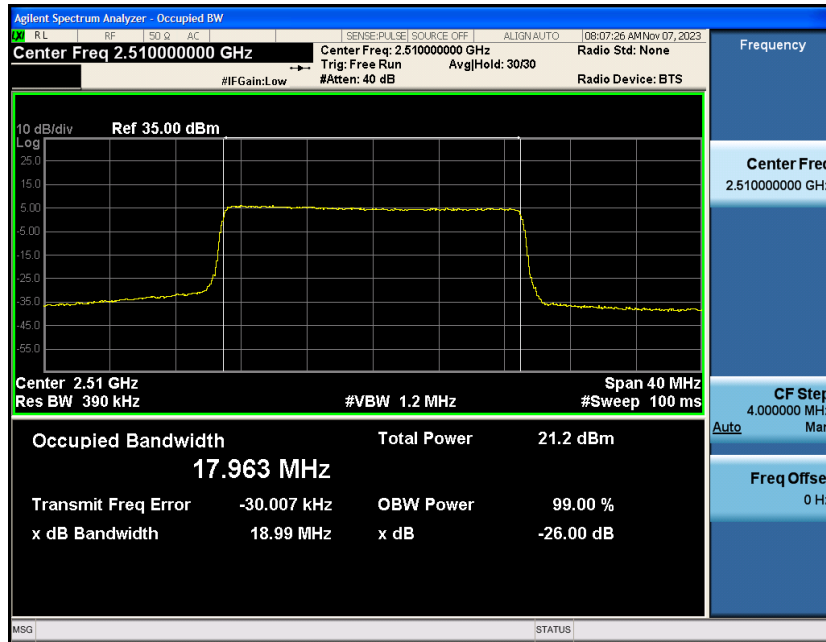
Band7-15MHz-16QAM-21100-75RB#0



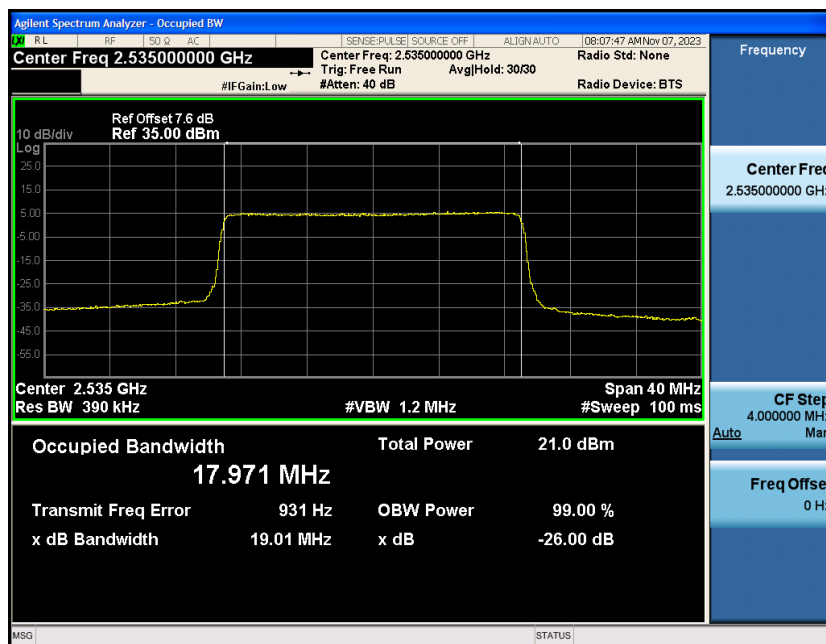
Band7-15MHz-16QAM-21375-75RB#0



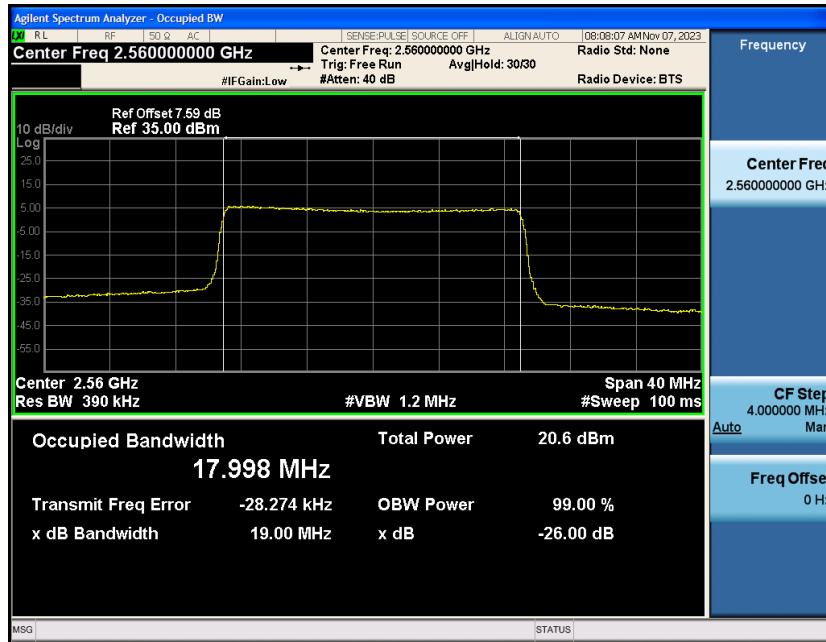
Band7-20MHz-QPSK-20850-100RB#0



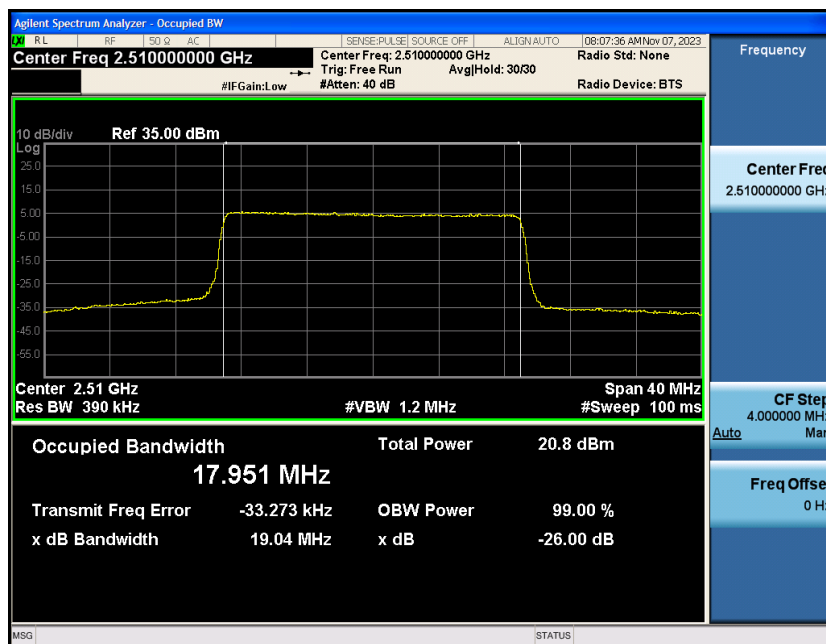
Band7-20MHz-QPSK-21100-100RB#0



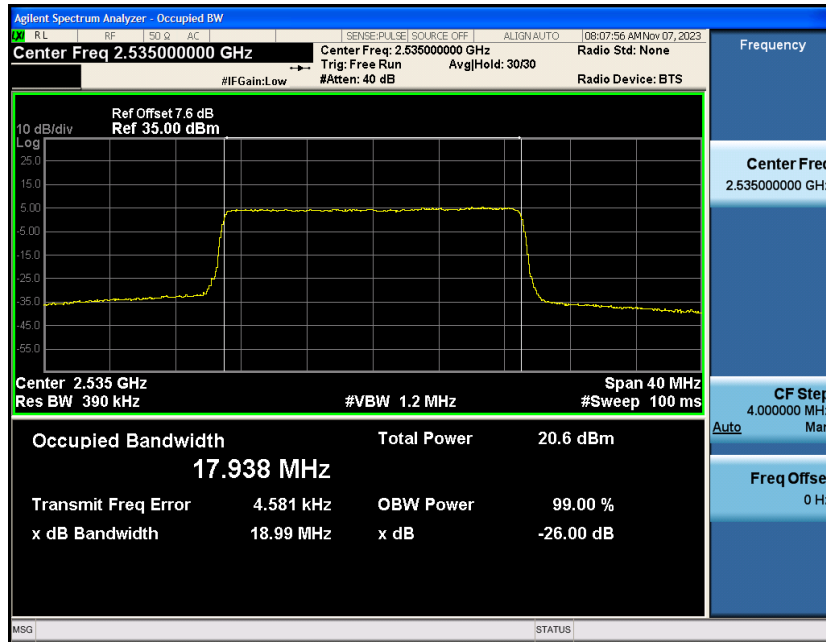
Band7-20MHz-QPSK-21350-100RB#0



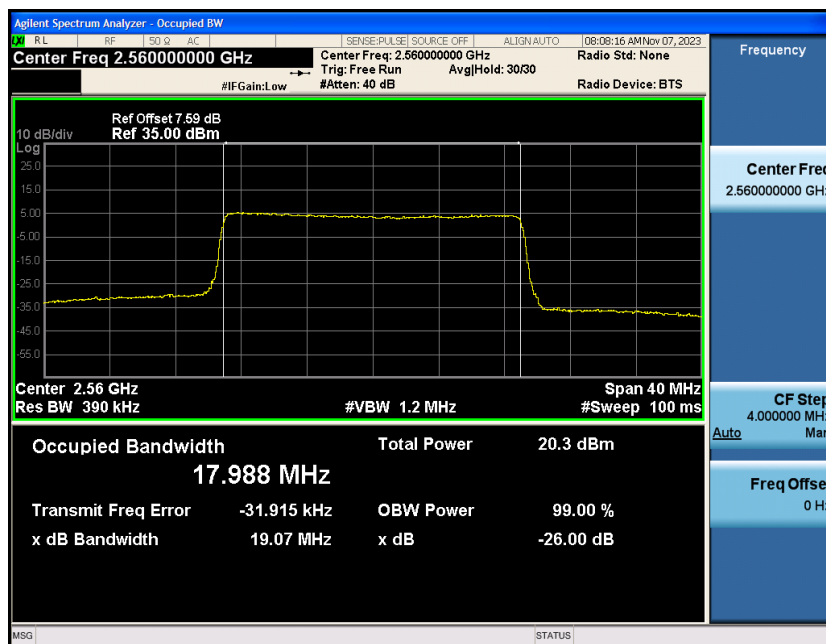
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



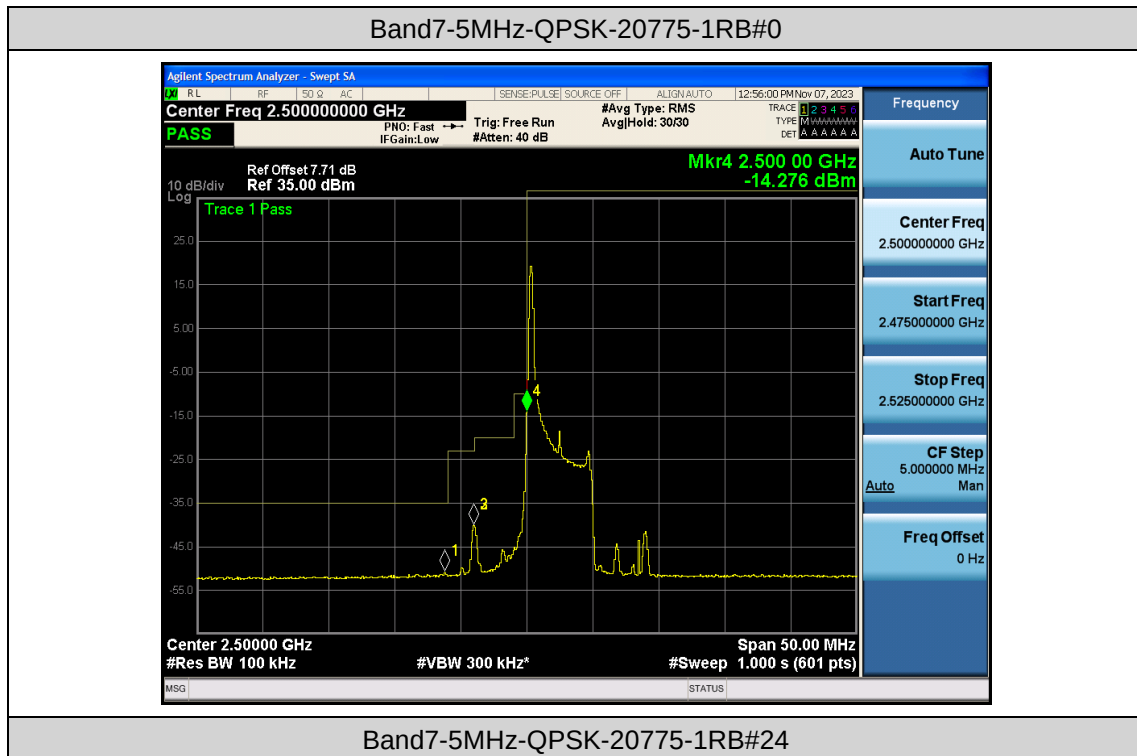
Appendix D: Band Edge

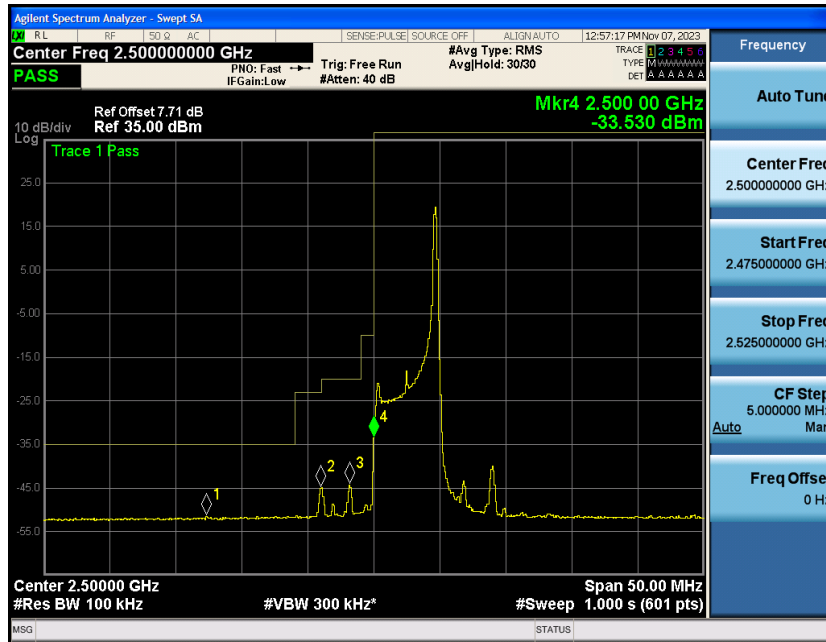
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-50.91,-40.19,-40.19,-14.28	PASS
Band7	5MHz	QPSK	20775	1RB#24	-51.53,-45.05,-44.24,-33.53	PASS
Band7	5MHz	QPSK	20775	25RB#0	-48.75,-41.94,-36.25,-26.18	PASS
Band7	5MHz	QPSK	21425	1RB#0	-34.53,-39.73,-51.35,-49.08	PASS
Band7	5MHz	QPSK	21425	1RB#24	-16.05,-37.32,-51.05,-50.76	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.31,-36.88,-45.42,-46.53	PASS
Band7	5MHz	16QAM	20775	1RB#0	-51.07,-42.41,-42.41,-16.13	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.65,-38.13,-38.13,-34.72	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.58,-43.74,-35.76,-27.10	PASS
Band7	5MHz	16QAM	21425	1RB#0	-36.17,-44.63,-50.91,-50.73	PASS
Band7	5MHz	16QAM	21425	1RB#24	-16.87,-37.53,-51.12,-50.27	PASS
Band7	5MHz	16QAM	21425	25RB#0	-27.67,-36.43,-44.67,-46.44	PASS
Band7	10MHz	QPSK	20800	1RB#0	-49.03,-41.79,-44.02,-18.87	PASS
Band7	10MHz	QPSK	20800	1RB#49	-48.45,-36.82,-40.76,-36.38	PASS
Band7	10MHz	QPSK	20800	50RB#0	-46.82,-37.76,-34.56,-29.55	PASS
Band7	10MHz	QPSK	21400	1RB#0	-37.59,-42.69,-39.05,-48.88	PASS
Band7	10MHz	QPSK	21400	1RB#49	-18.67,-41.64,-41.57,-48.74	PASS
Band7	10MHz	QPSK	21400	50RB#0	-30.47,-36.26,-37.92,-45.04	PASS
Band7	10MHz	16QAM	20800	1RB#0	-48.18,-42.99,-45.03,-20.21	PASS
Band7	10MHz	16QAM	20800	1RB#49	-48.69,-33.75,-40.23,-36.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	-46.47,-37.35,-34.31,-30.26	PASS
Band7	10MHz	16QAM	21400	1RB#0	-38.24,-41.92,-45.21,-48.64	PASS
Band7	10MHz	16QAM	21400	1RB#49	-19.85,-42.25,-42.37,-48.98	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.54,-35.89,-38.04,-44.05	PASS
Band7	15MHz	QPSK	20825	1RB#0	-43.72,-41.01,-43.52,-18.33	PASS
Band7	15MHz	QPSK	20825	1RB#74	-42.93,-41.09,-46.62,-39.40	PASS
Band7	15MHz	QPSK	20825	75RB#0	-39.39,-35.10,-32.59,-29.38	PASS
Band7	15MHz	QPSK	21375	1RB#0	-40.85,-46.76,-40.92,-47.34	PASS
Band7	15MHz	QPSK	21375	1RB#74	-19.38,-44.35,-40.80,-47.26	PASS
Band7	15MHz	QPSK	21375	75RB#0	-31.12,-34.76,-37.12,-43.91	PASS
Band7	15MHz	16QAM	20825	1RB#0	-43.86,-41.80,-44.04,-18.77	PASS
Band7	15MHz	16QAM	20825	1RB#74	-34.47,-40.45,-46.71,-40.53	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.15,-34.52,-32.45,-29.19	PASS
Band7	15MHz	16QAM	21375	1RB#0	-41.18,-46.84,-39.78,-47.34	PASS
Band7	15MHz	16QAM	21375	1RB#74	-19.76,-44.40,-41.15,-47.27	PASS

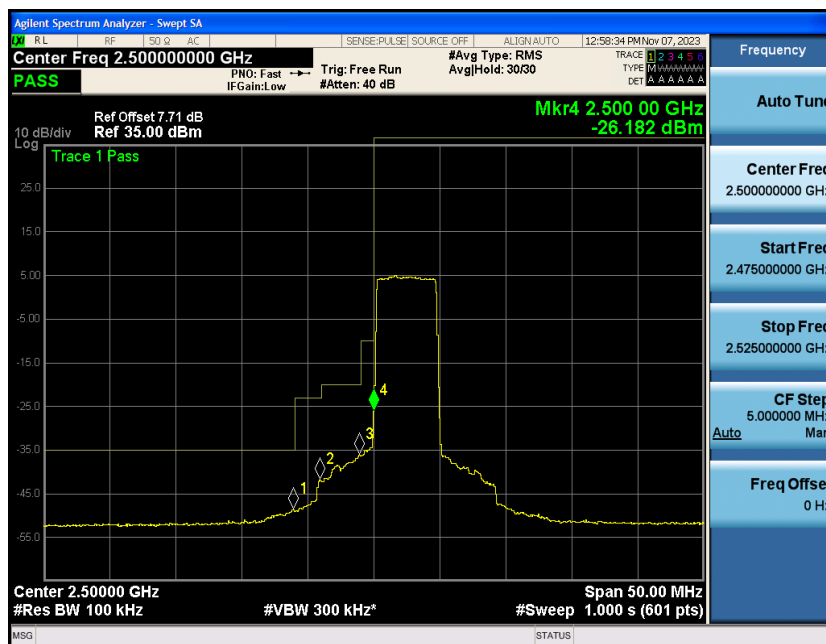
Band7	15MHz	16QAM	21375	75RB#0	-31.49,-34.74,-36.85,-43.49	PASS
Band7	20MHz	QPSK	20850	1RB#0	-43.95,-38.11,-42.23,-21.53	PASS
Band7	20MHz	QPSK	20850	1RB#99	-36.53,-36.52,-44.00,-38.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	-36.79,-34.20,-32.06,-29.68	PASS
Band7	20MHz	QPSK	21350	1RB#0	-40.96,-45.20,-37.26,-46.21	PASS
Band7	20MHz	QPSK	21350	1RB#99	-21.26,-42.69,-37.74,-46.19	PASS
Band7	20MHz	QPSK	21350	100RB#0	-32.93,-36.60,-38.21,-44.55	PASS
Band7	20MHz	16QAM	20850	1RB#0	-43.98,-38.66,-42.85,-21.36	PASS
Band7	20MHz	16QAM	20850	1RB#99	-32.24,-37.02,-44.04,-39.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.84,-33.85,-31.99,-29.52	PASS
Band7	20MHz	16QAM	21350	1RB#0	-41.21,-43.50,-36.70,-46.24	PASS
Band7	20MHz	16QAM	21350	1RB#99	-21.44,-38.71,-38.08,-46.16	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.73,-36.30,-37.20,-44.02	PASS

Test Graphs

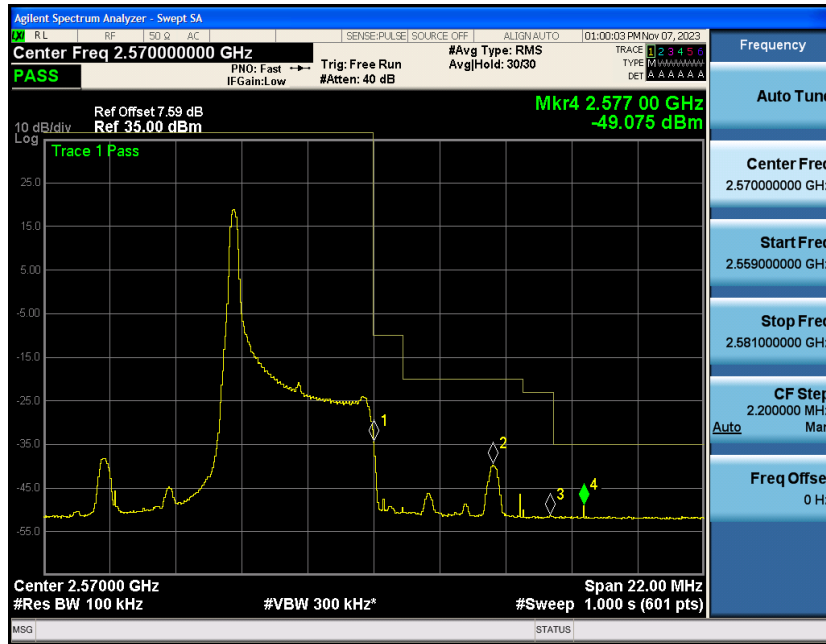




Band7-5MHz-QPSK-20775-25RB#0



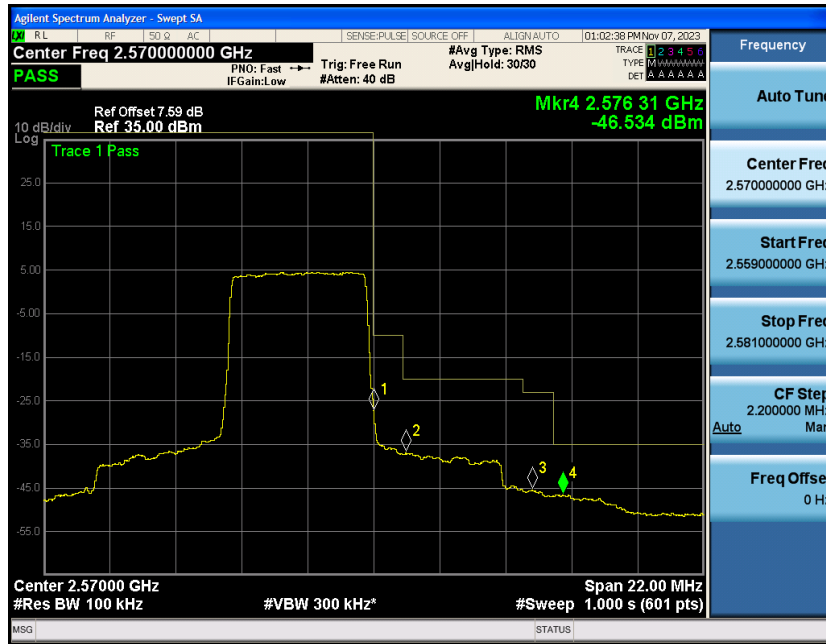
Band7-5MHz-QPSK-21425-1RB#0



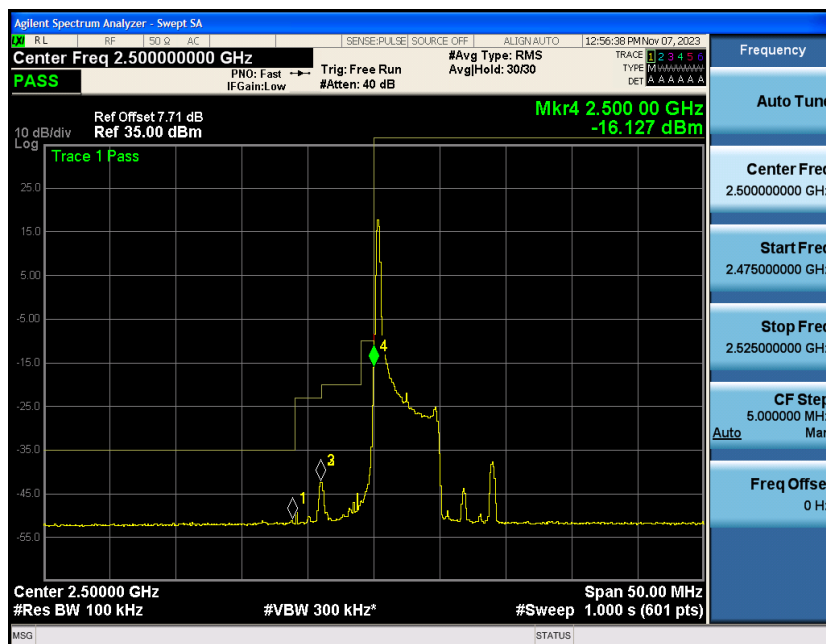
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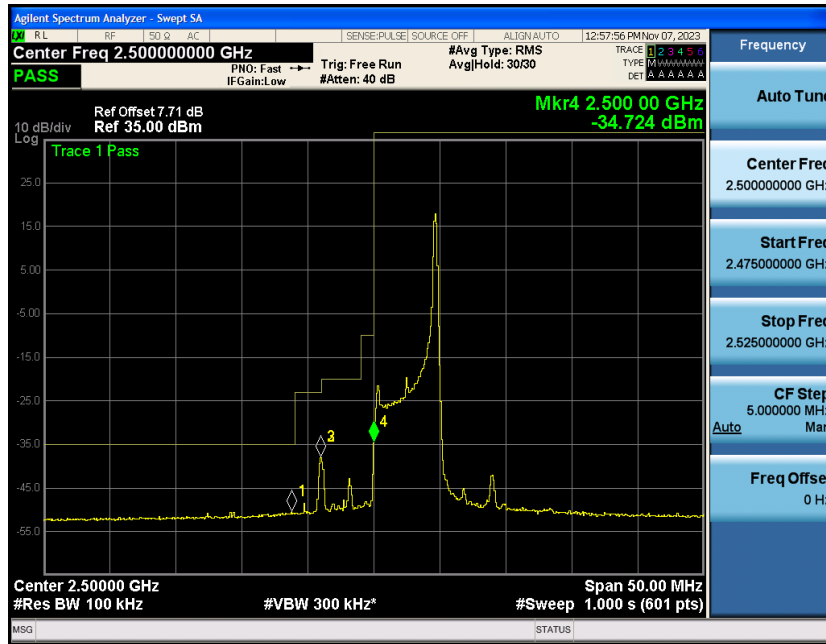
Band7-5MHz-QPSK-21425-25RB#0



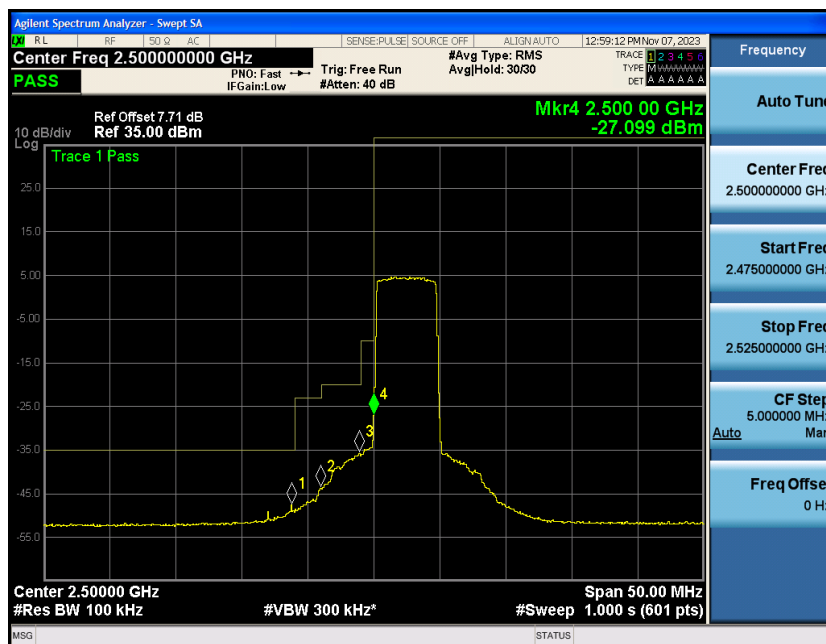
Band7-5MHz-16QAM-20775-1RB#0



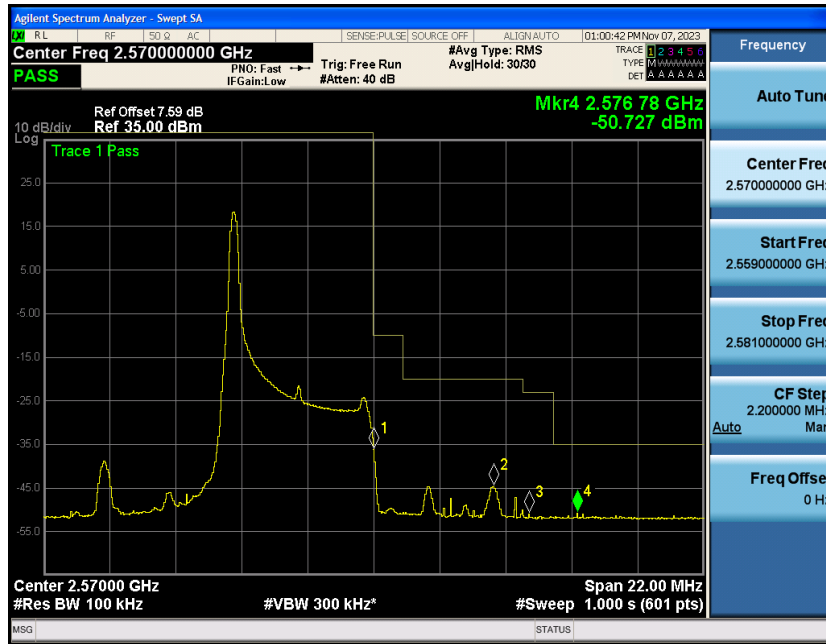
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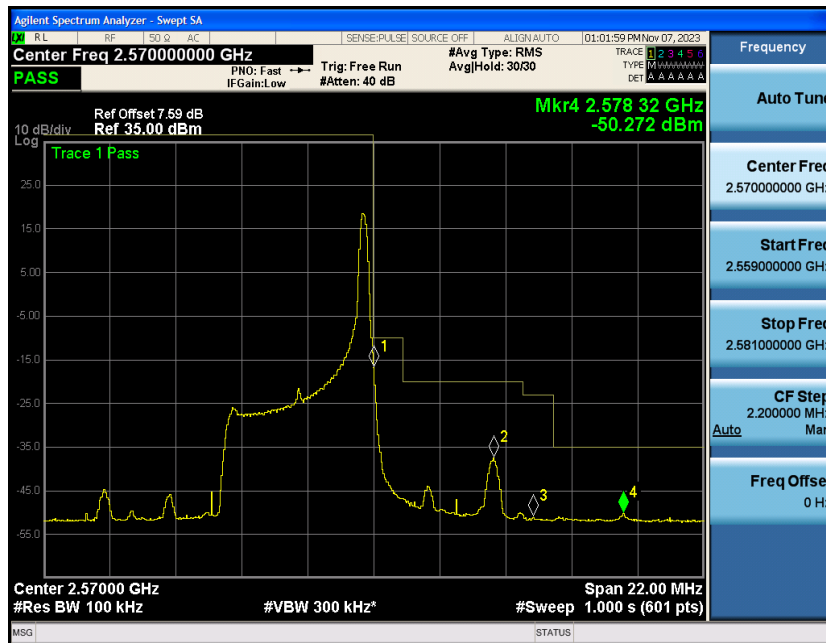
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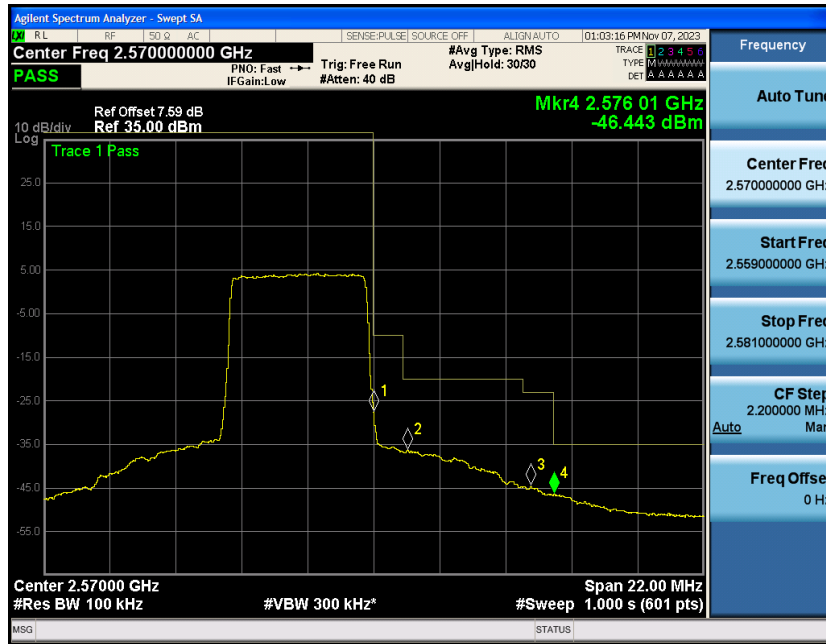
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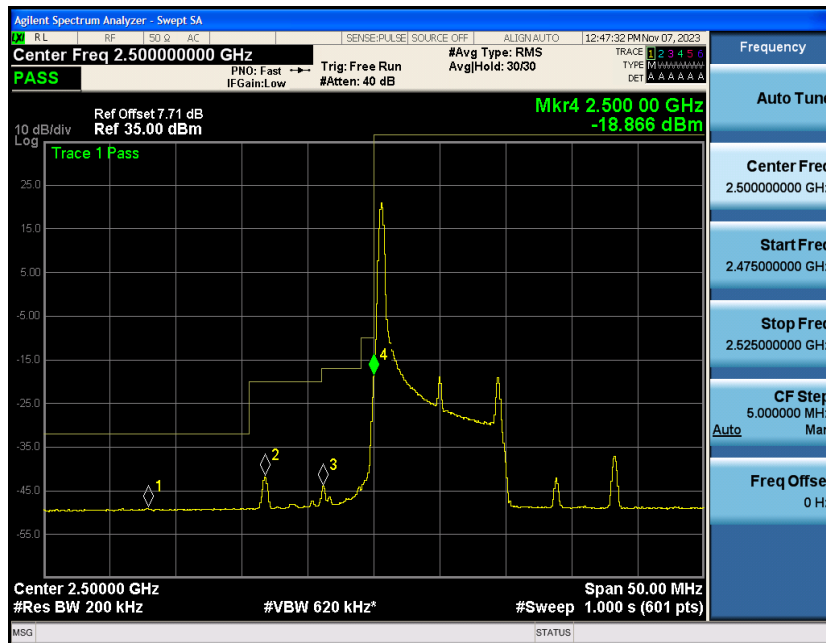
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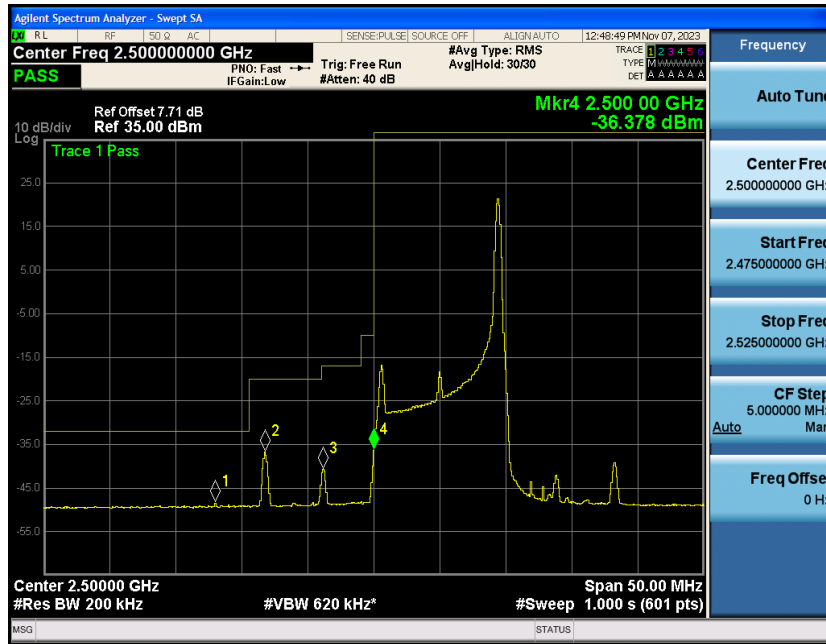
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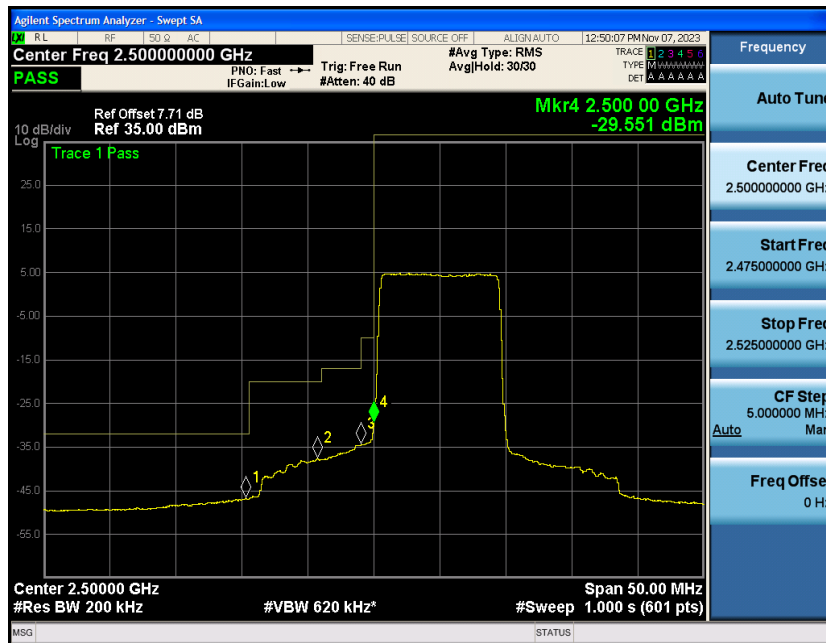
Band7-10MHz-QPSK-20800-1RB#0



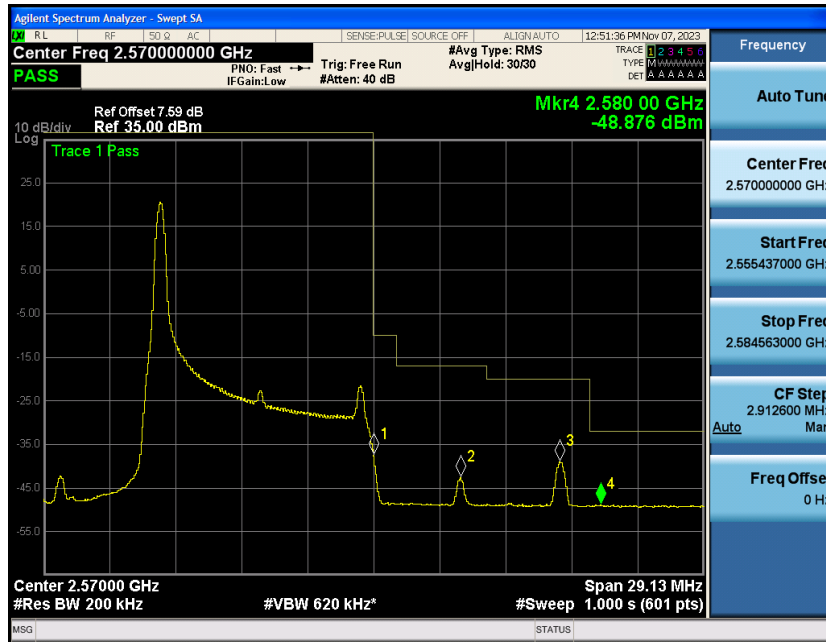
Band7-10MHz-QPSK-20800-1RB#49



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



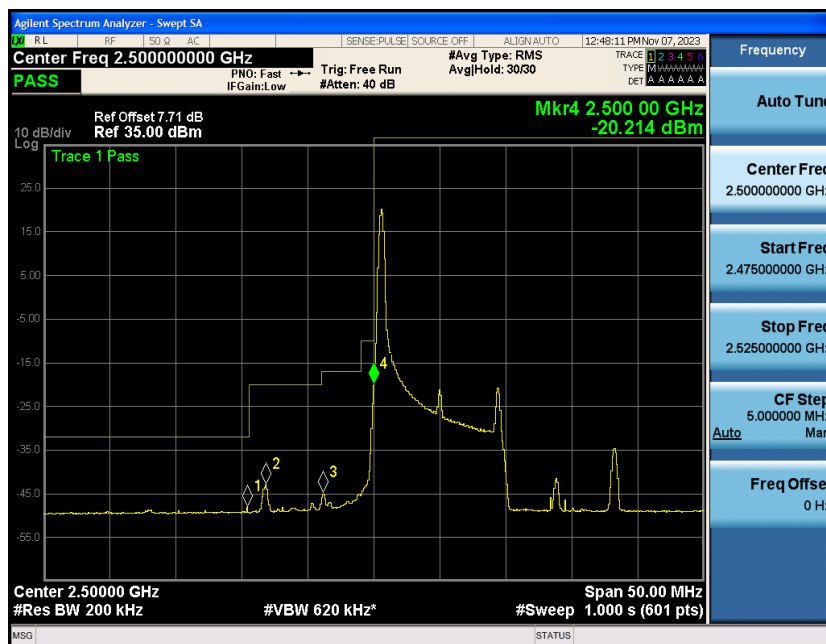
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Band7-10MHz-QPSK-21400-50RB#0



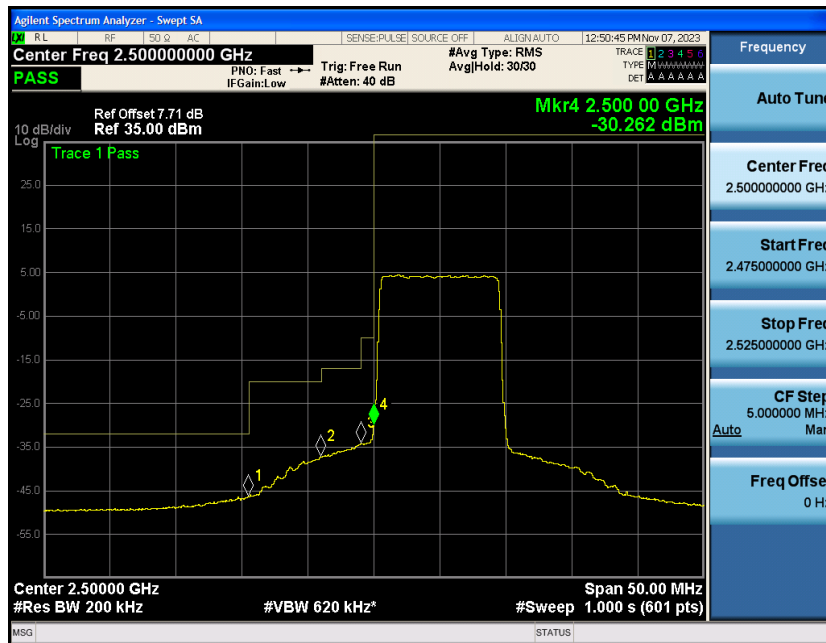
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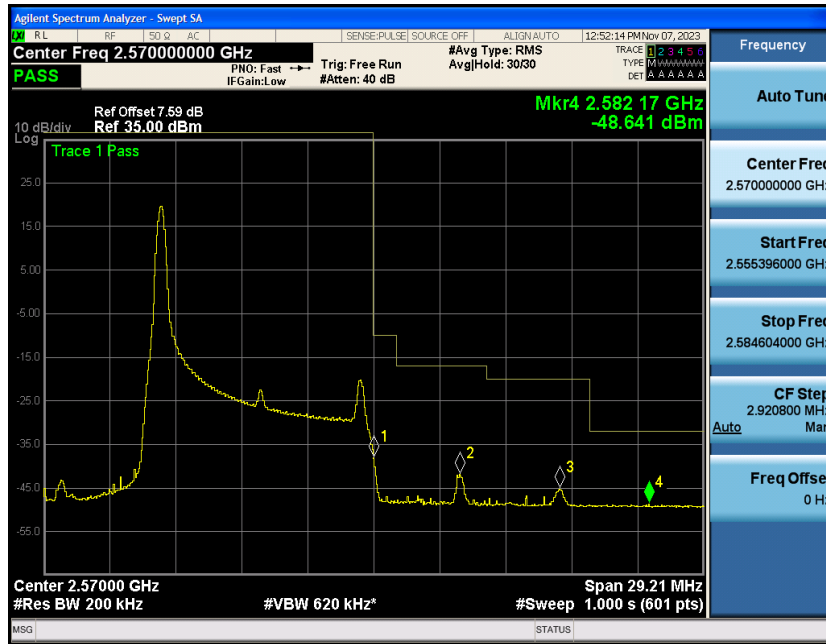
Band7-10MHz-16QAM-20800-1RB#49



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21400-1RB#0



Band7-10MHz-16QAM-21400-1RB#49



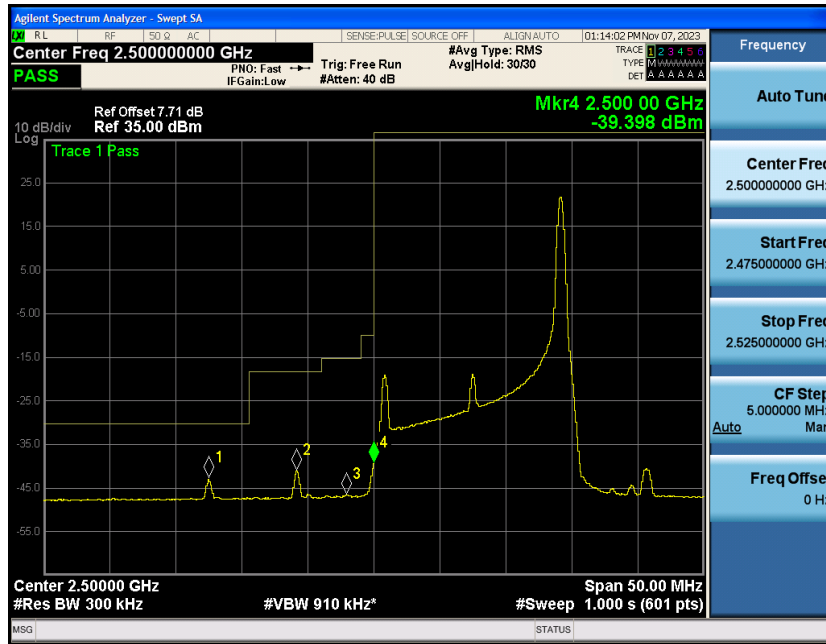
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Band7-15MHz-QPSK-20825-1RB#0



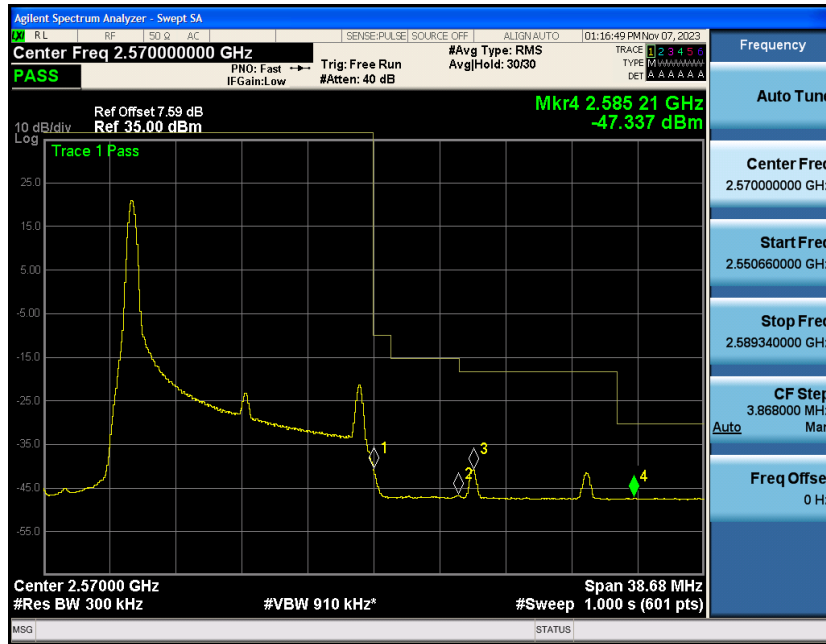
Band7-15MHz-QPSK-20825-1RB#74



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-1RB#74



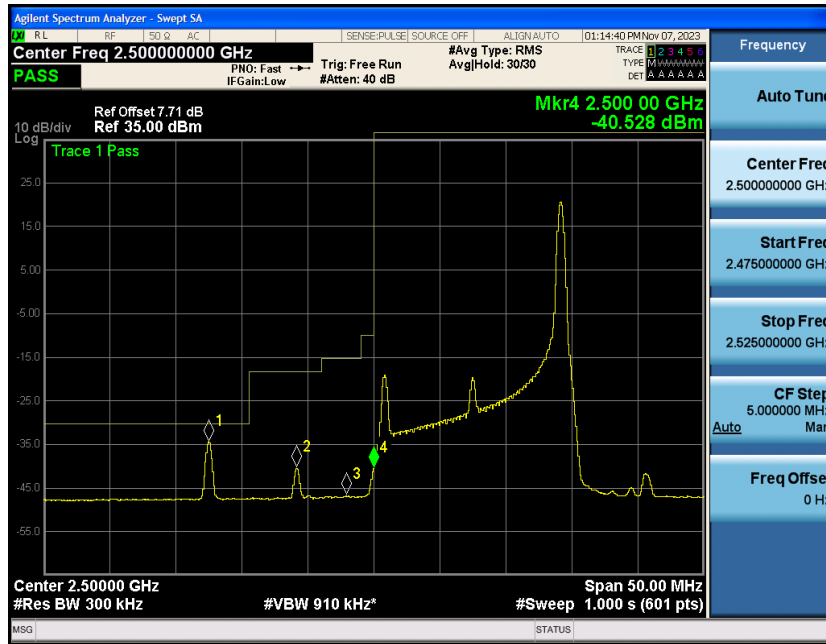
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Band7-15MHz-16QAM-20825-1RB#0



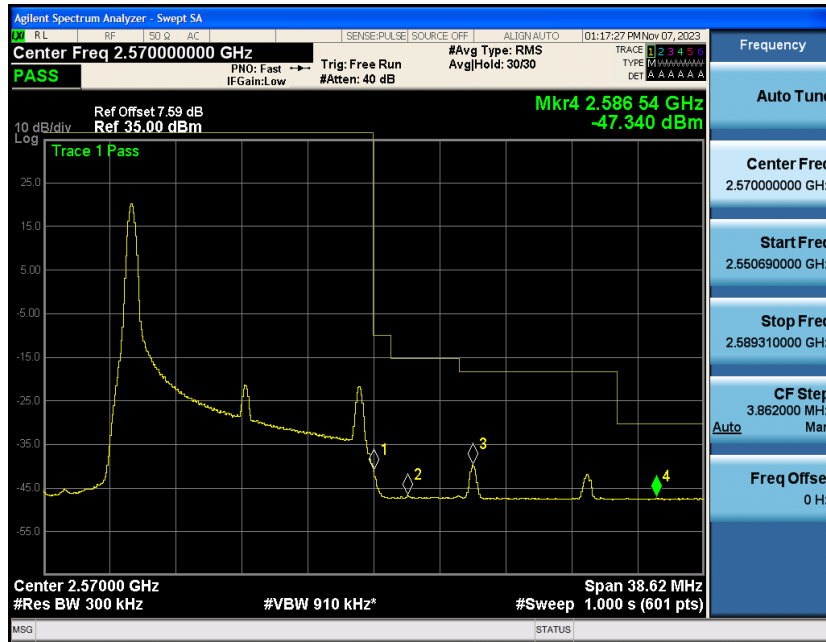
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Band7-15MHz-16QAM-20825-75RB#0



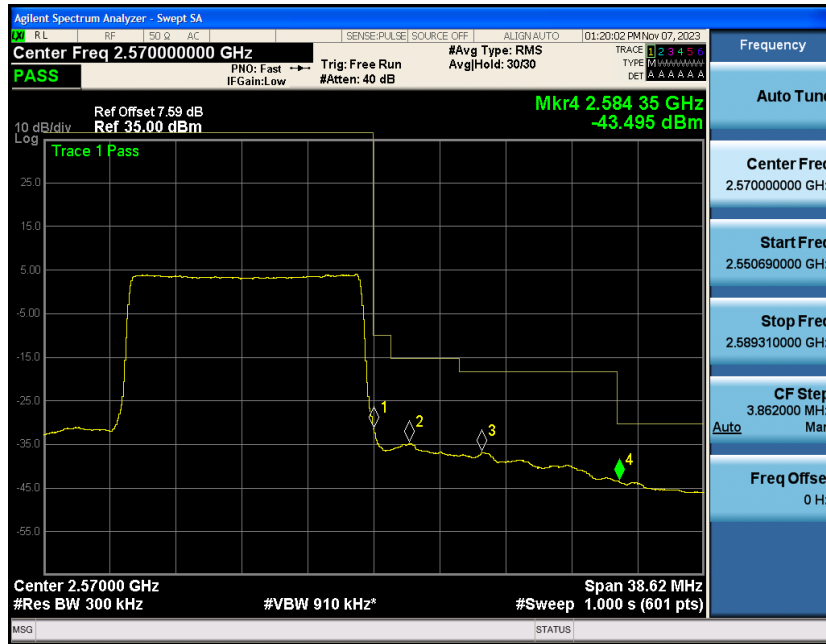
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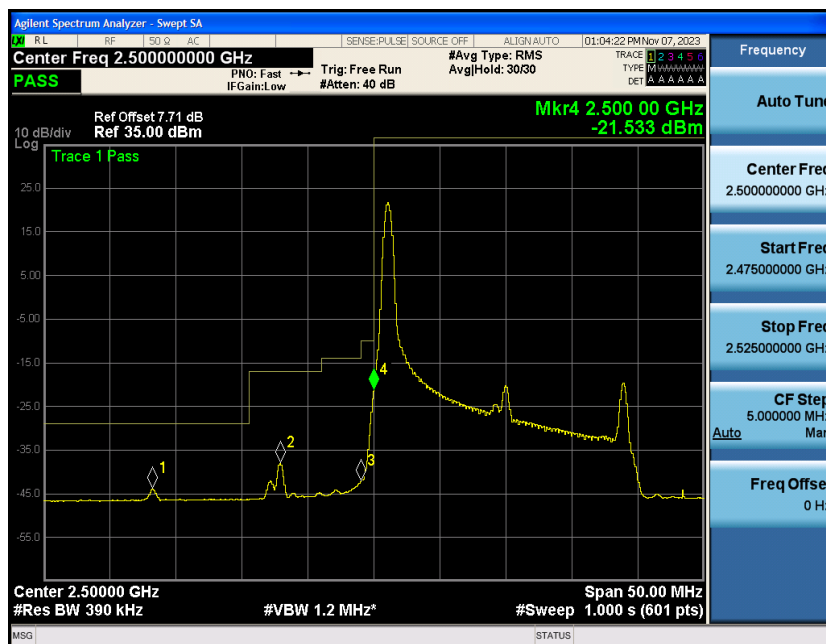
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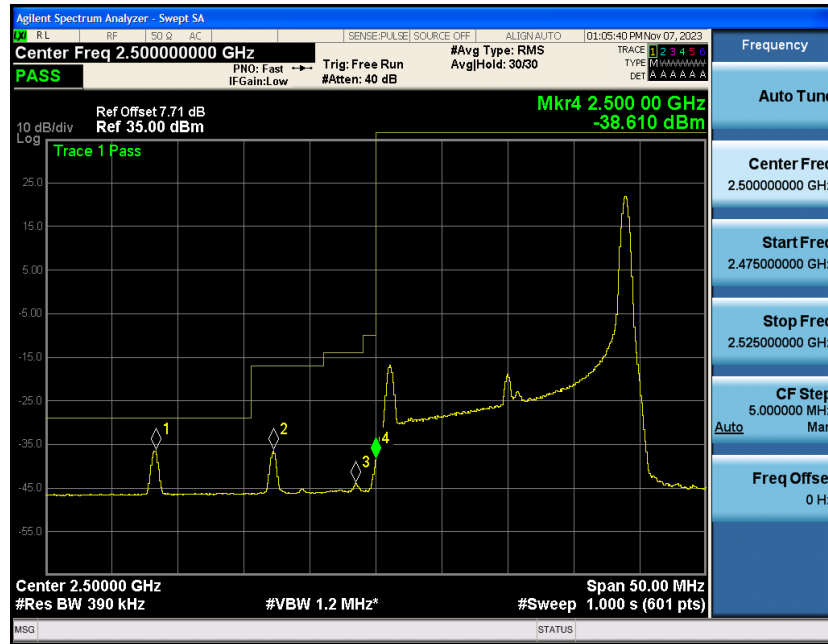
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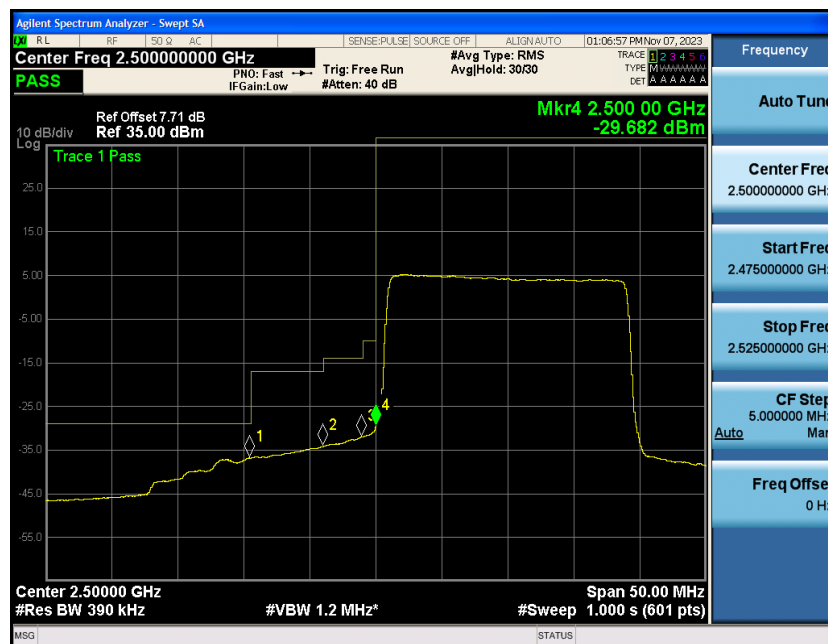
Band7-20MHz-QPSK-20850-1RB#0



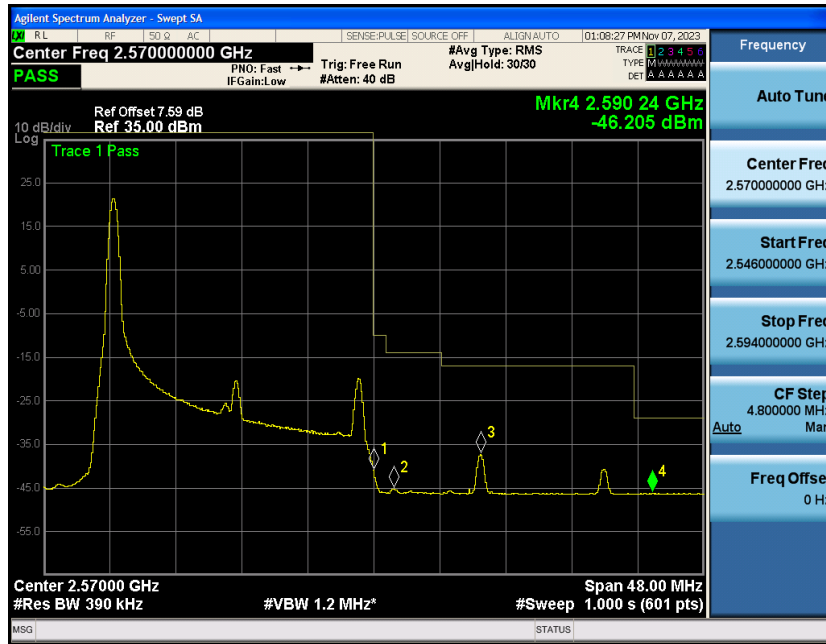
Band7-20MHz-QPSK-20850-1RB#99



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21350-1RB#0



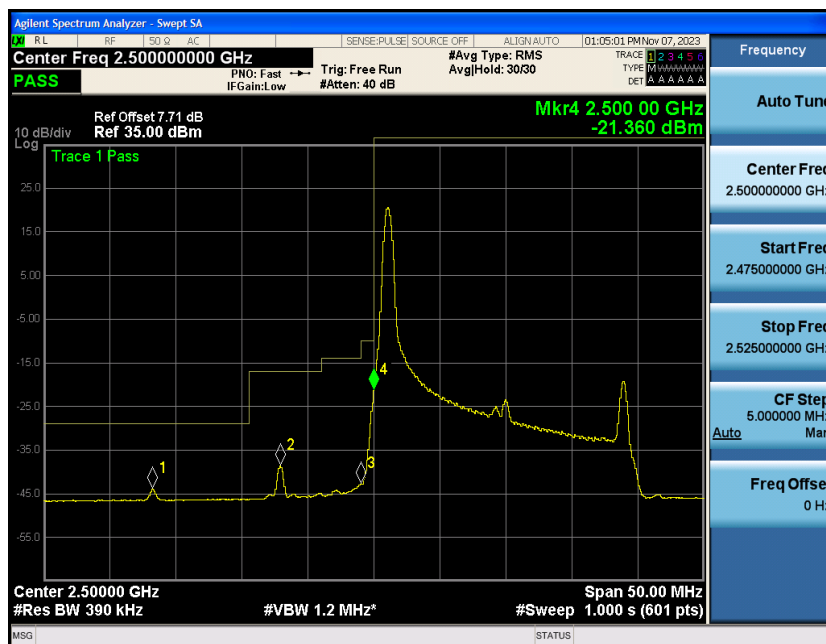
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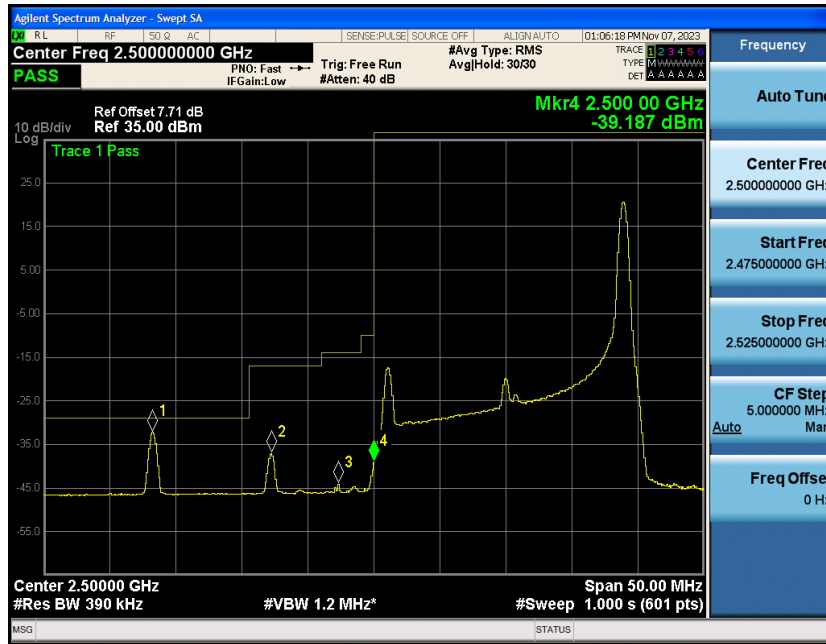
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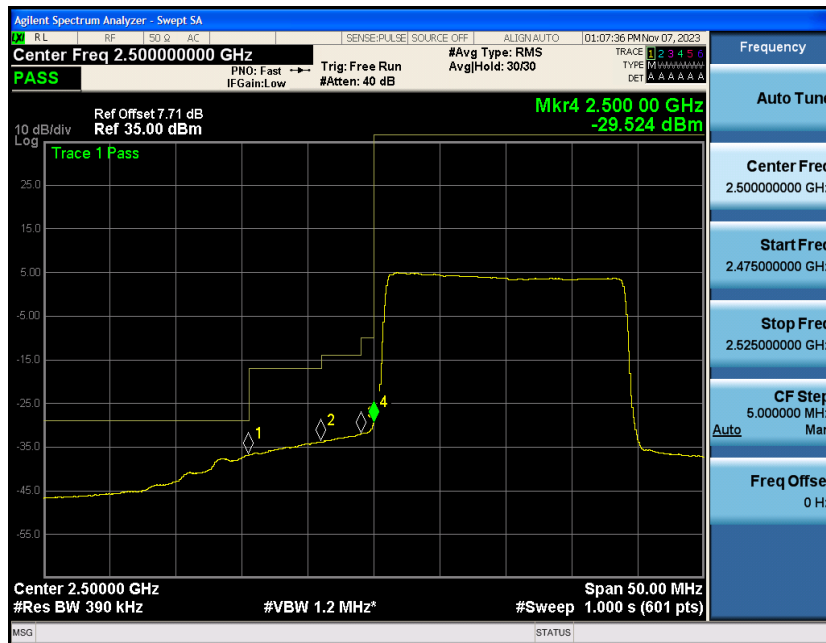
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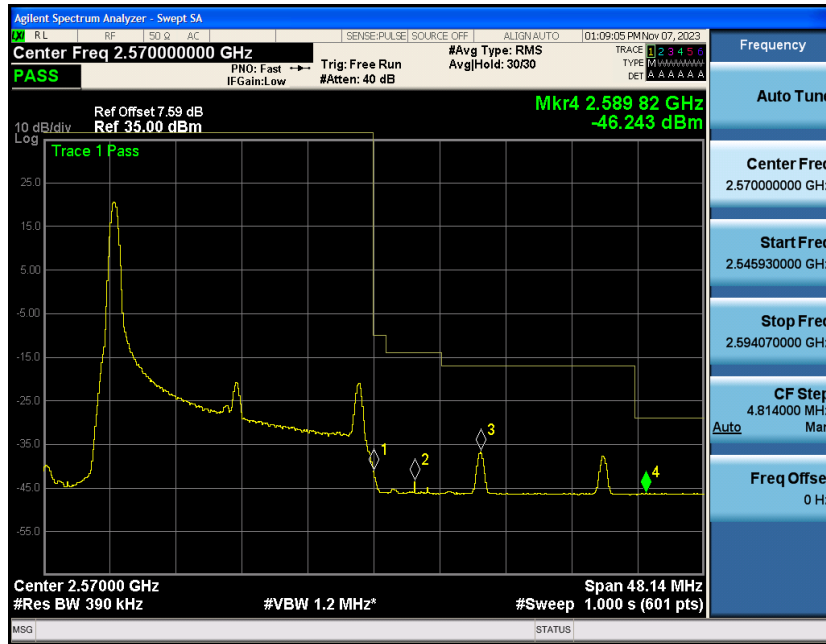
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Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



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Band7-20MHz-16QAM-21350-100RB#0



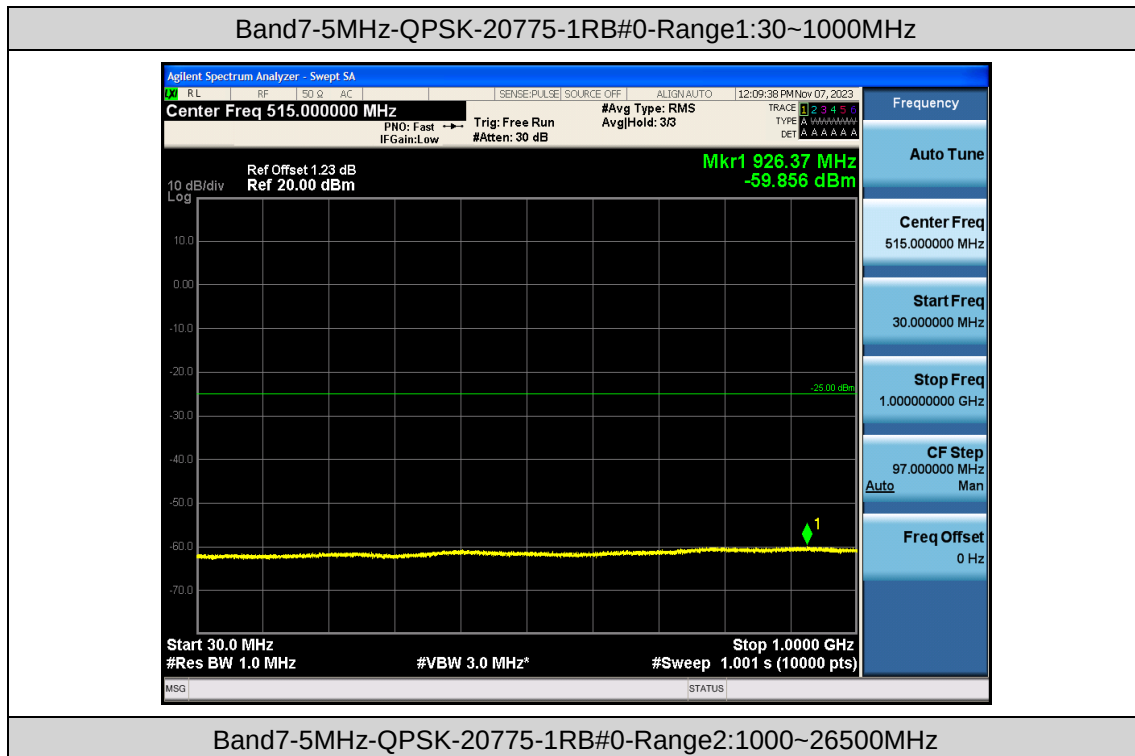
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-59.86	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-38.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-59.96	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-38.41	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-59.94	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-38.38	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-59.97	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-38.5	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-59.92	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-38.42	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-59.87	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-38.36	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-59.83	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~26500MHz	-38.45	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-59.94	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-38.46	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-59.82	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~26500MHz	-38.37	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-59.8	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~26500MHz	-38.59	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-60.01	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-38.39	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-59.88	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~26500MHz	-38.31	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-59.97	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~26500MHz	-38.34	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-59.94	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-38.43	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-59.9	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~26500MHz	-38.39	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-59.82	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~26500MHz	-38.42	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-59.8	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-38.54	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-59.97	PASS

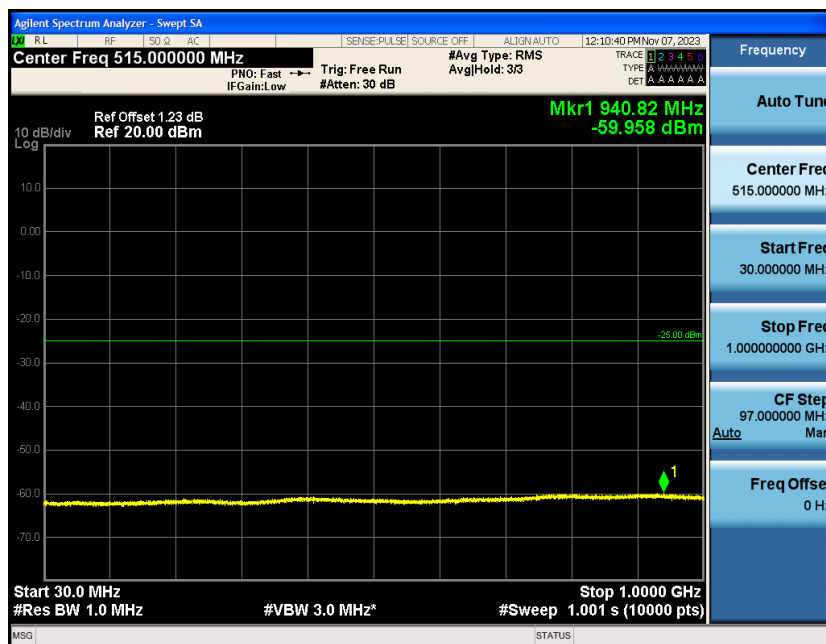
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~26500MHz	-38.66	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-59.92	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-38.38	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-59.9	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-38.35	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-59.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-38.27	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-60	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-38.22	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-59.94	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-38.42	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-59.87	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-38.45	PASS

Test Graphs





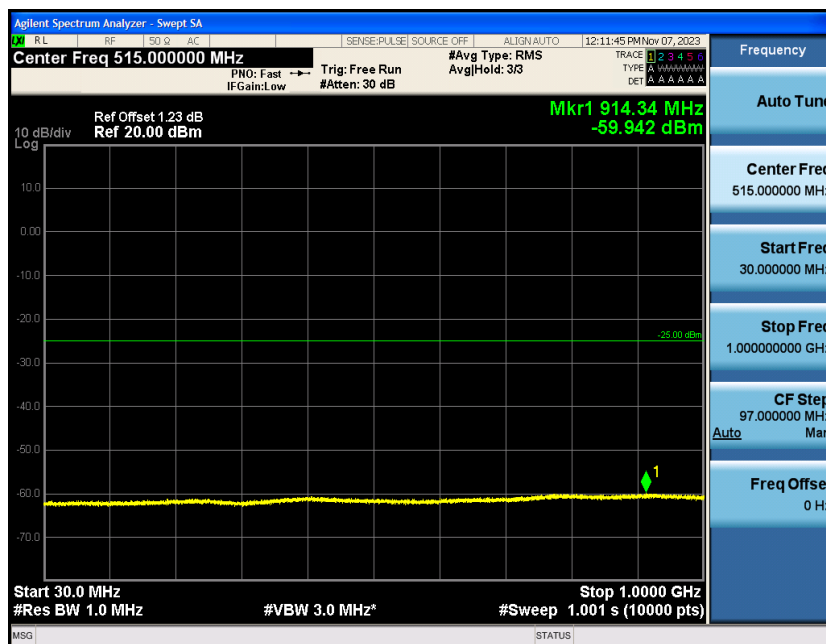
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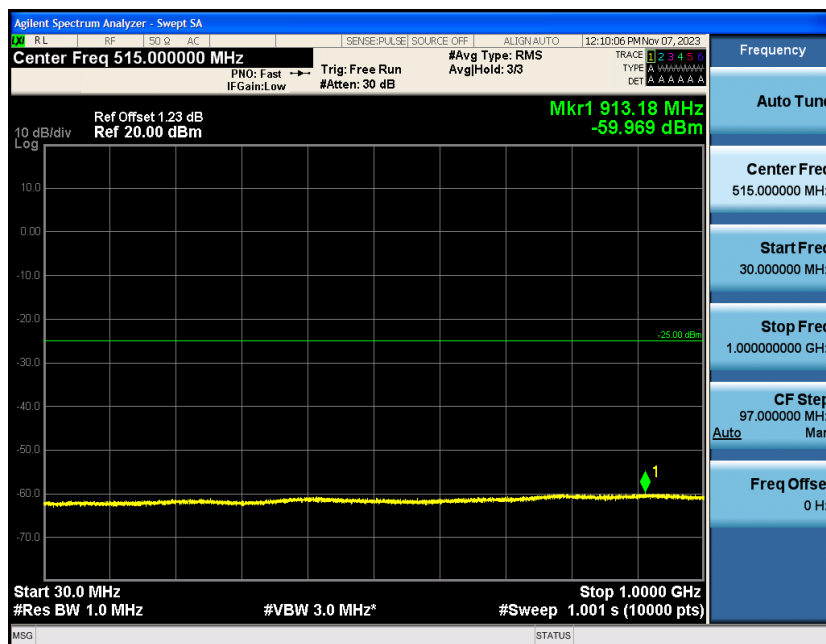
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Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~26500MHz



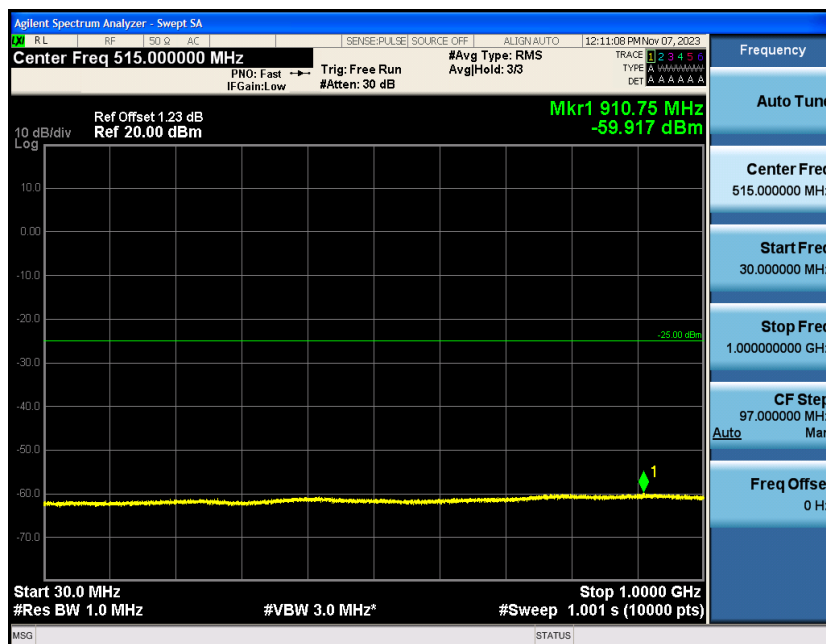
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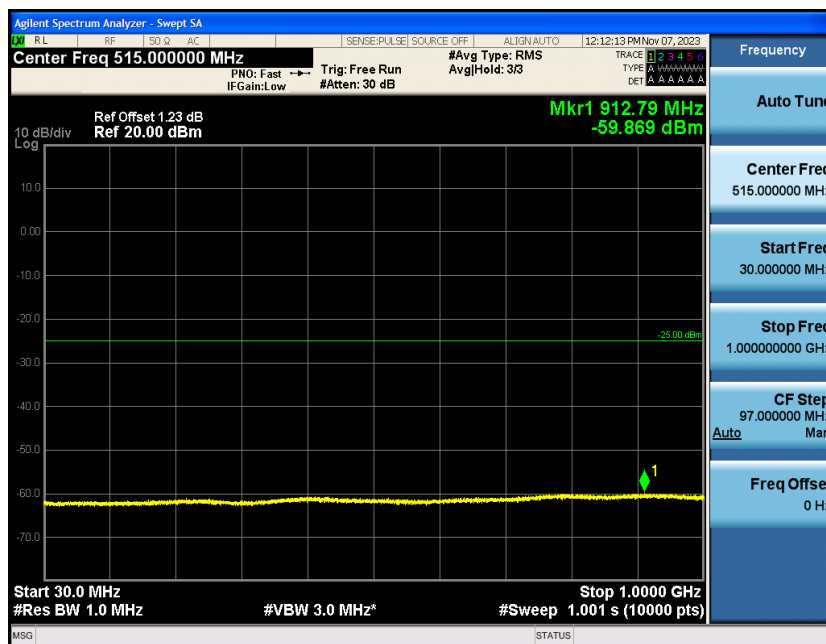
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~26500MHz



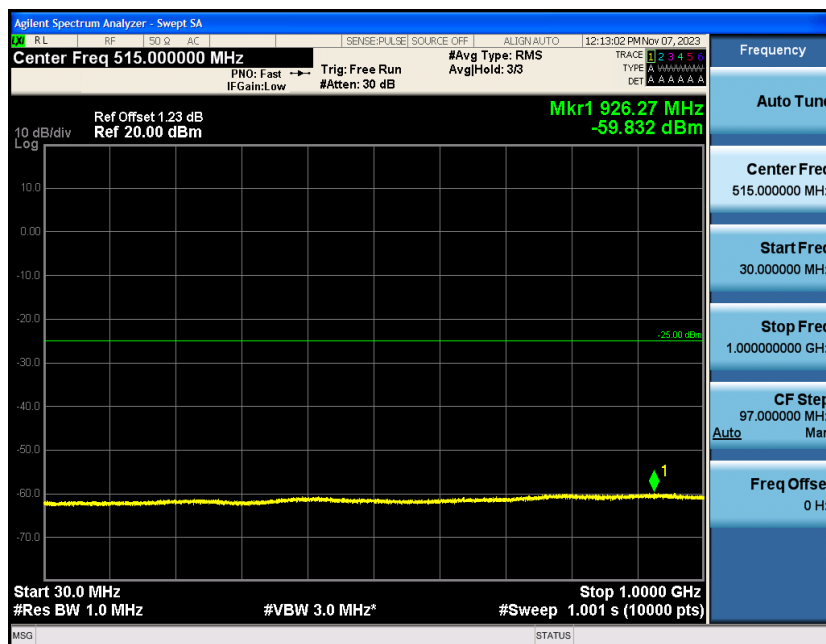
Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~26500MHz



Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~26500MHz