Appendix G: Test Data for E-UTRA Band 7

Product Name: GNSS Receiver

Test Model: Mars

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.43	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.60	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.56	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.38	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.36	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.45	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.50	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.43	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.50	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.48	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.45	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.46	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.17	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.41	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.32	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.52	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.14	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.42	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.22	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.24	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.19	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.23	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.22	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.29	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.21	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.24	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.35	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.47	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.56	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.55	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.35	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.38	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.57	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.57	PASS

Band7	5MHz	QPSK	21425	12RB#6	22.61	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.60	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.52	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.48	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.52	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.59	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.39	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.36	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.06	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.34	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.28	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.13	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.05	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.08	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.12	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.13	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.13	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.09	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.91	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.84	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.90	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.78	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.95	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.82	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.86	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.81	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.88	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.80	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.84	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.80	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.84	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.44	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.38	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.18	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.28	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.98	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.24	PASS

Band7	10MHz	QPSK	21400	25RB#0	22.32	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.30	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.23	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.25	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.06	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.03	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.16	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.19	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.12	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.13	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.03	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.21	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.76	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.96	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.10	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.09	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.12	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.09	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.11	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.09	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.08	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.87	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.93	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.73	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.09	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.70	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.09	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.80	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.83	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.85	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.87	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.86	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.80	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.79	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.84	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.24	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.05	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.19	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.12	PASS

Band7	15MHz	QPSK	21375	1RB#74	23.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.96	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.17	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.16	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.15	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.17	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.15	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.14	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.20	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.86	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.85	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.17	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.14	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.61	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.69	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.96	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.98	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.97	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.53	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.80	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.89	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.06	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.59	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.78	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.69	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.72	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.76	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.72	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.70	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.72	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.77	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.94	PASS

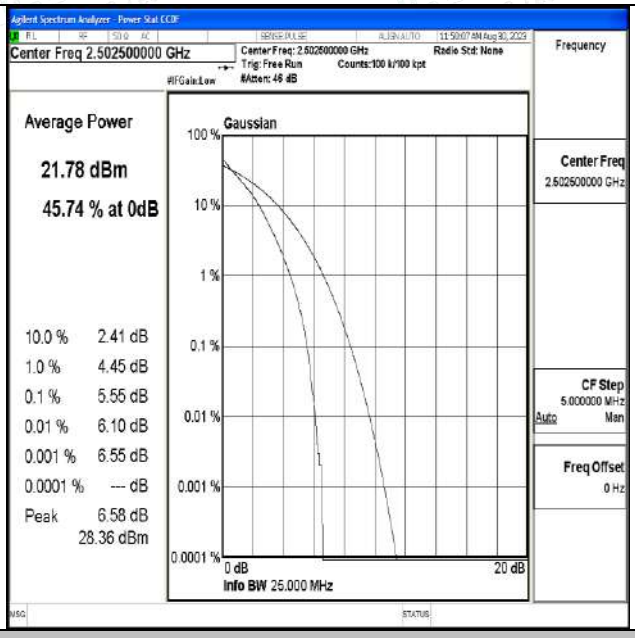
Band7	20MHz	QPSK	21350	1RB#49	23.14	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.29	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.65	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.84	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.12	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.15	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.09	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.16	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.98	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.02	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.02	PASS

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

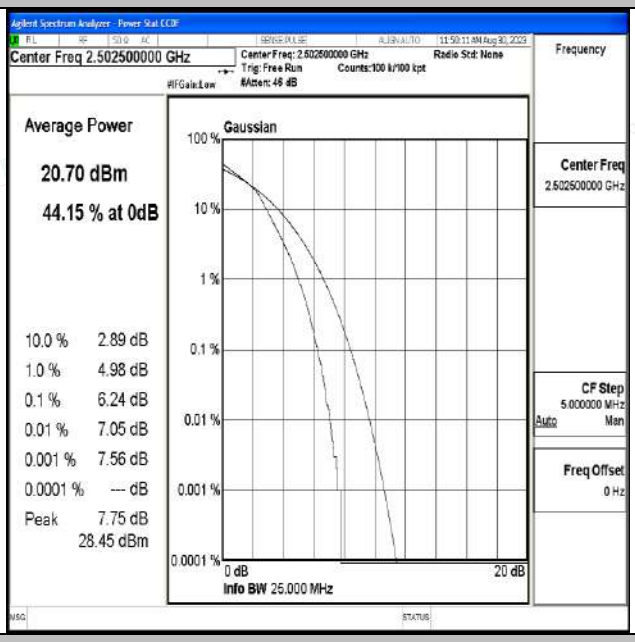
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.55	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.24	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.60	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.24	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.56	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.20	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.56	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.33	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.54	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.43	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.65	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.93	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.45	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.97	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.48	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.44	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.68	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.39	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.67	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.39	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.56	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.40	13	PASS

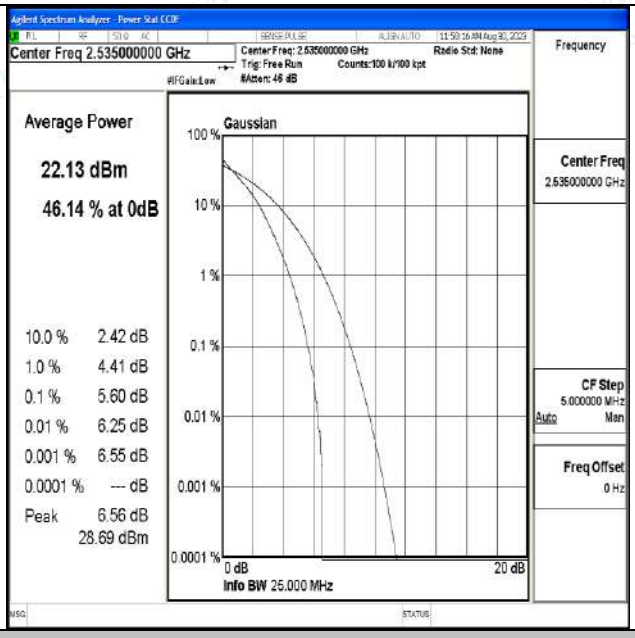
Test Graphs



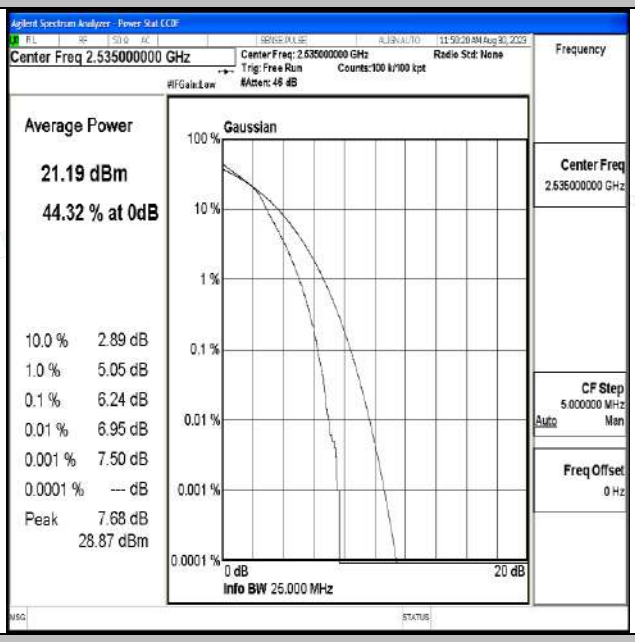
5MHz-20775



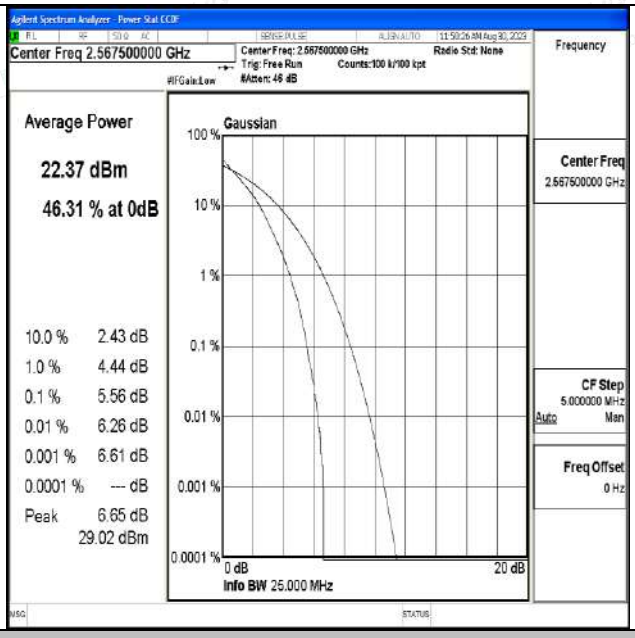
5MHz-20775



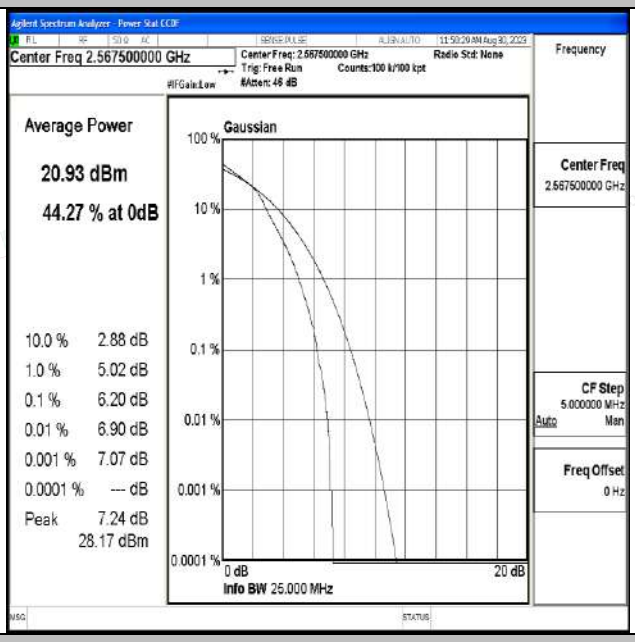
5MHz-21100



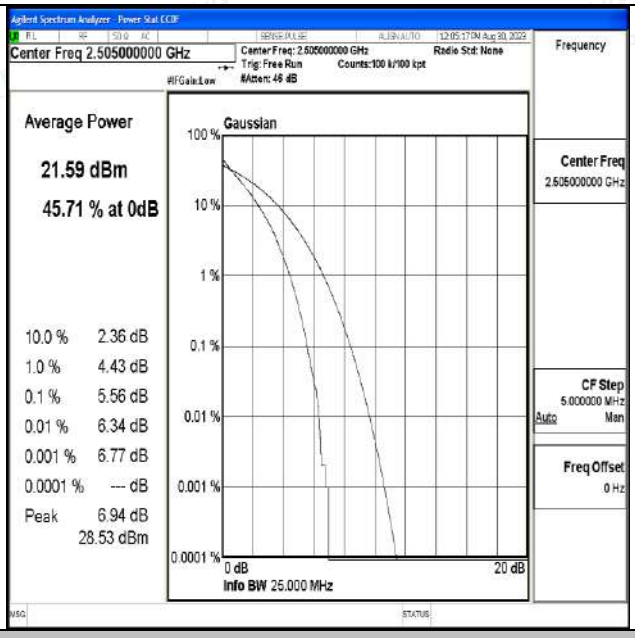
5MHz-21100



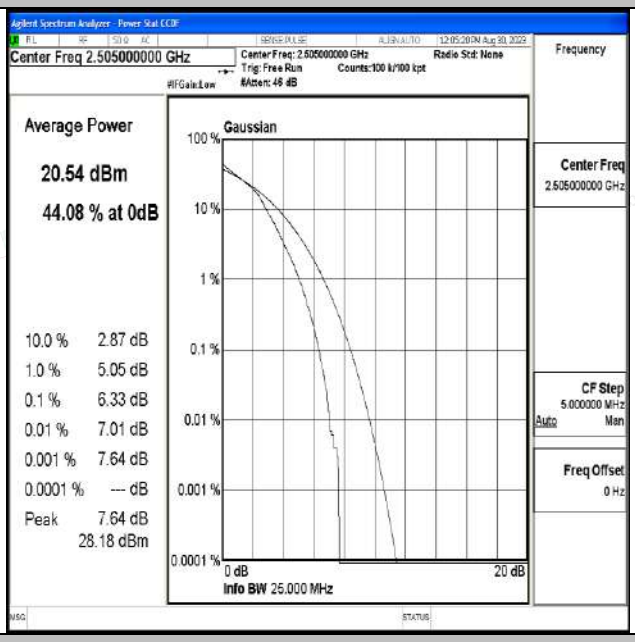
5MHz-21425



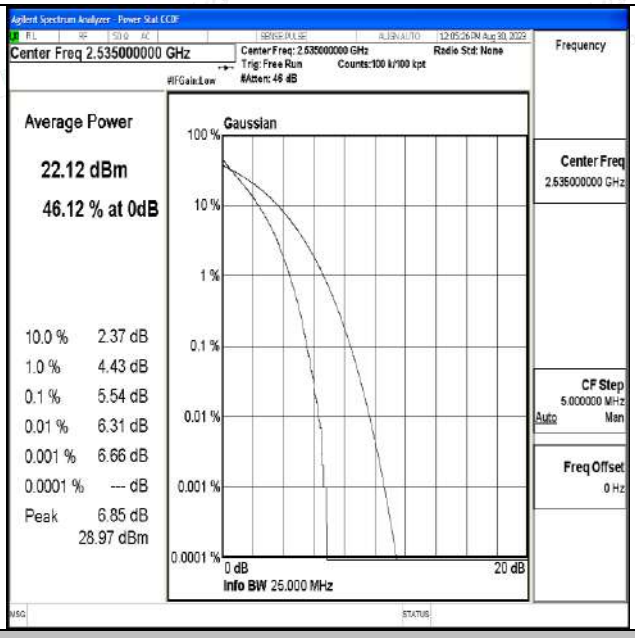
5MHz-21425



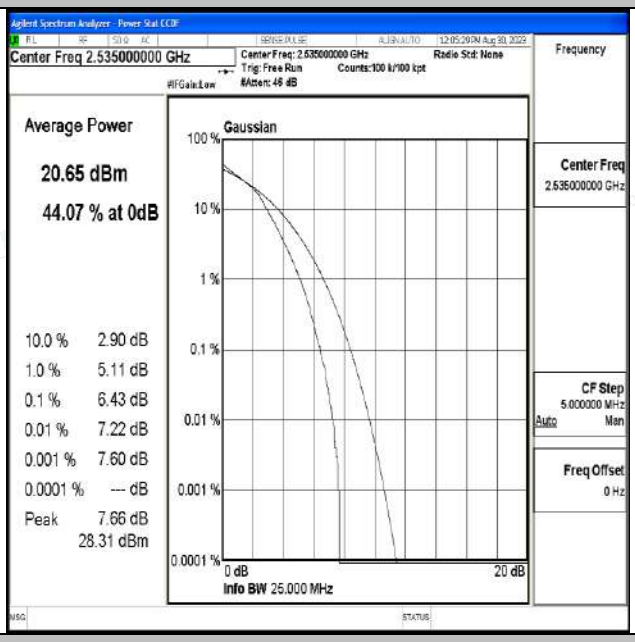
10MHz-20800



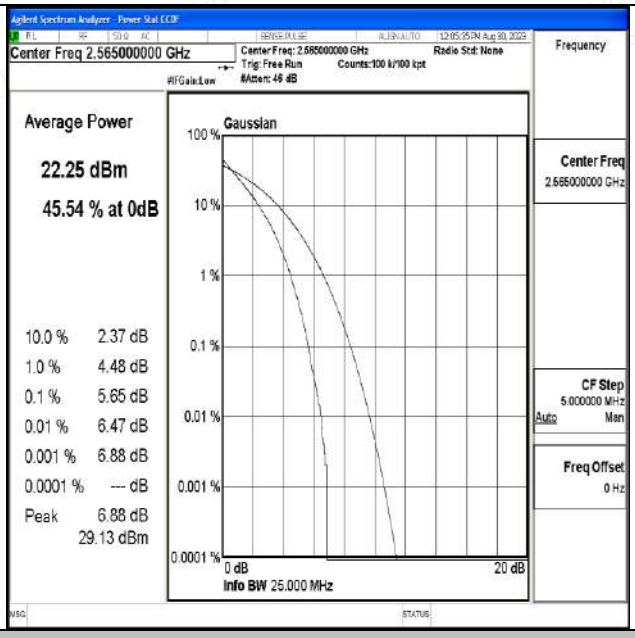
10MHz-20800



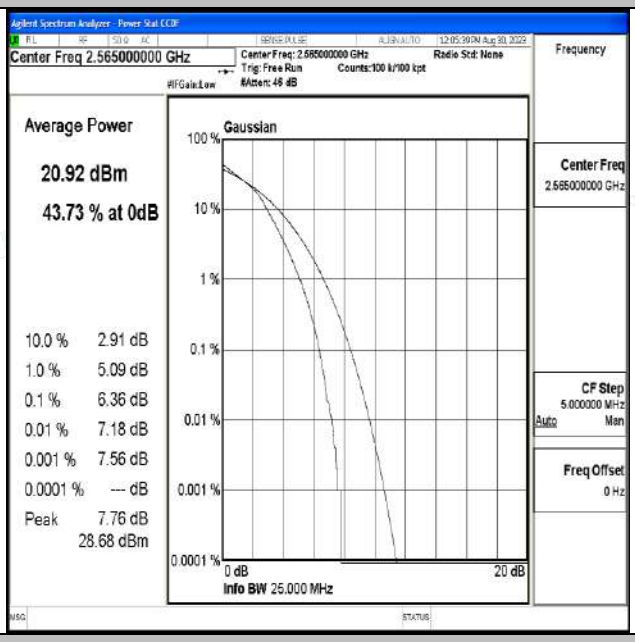
10MHz-21100



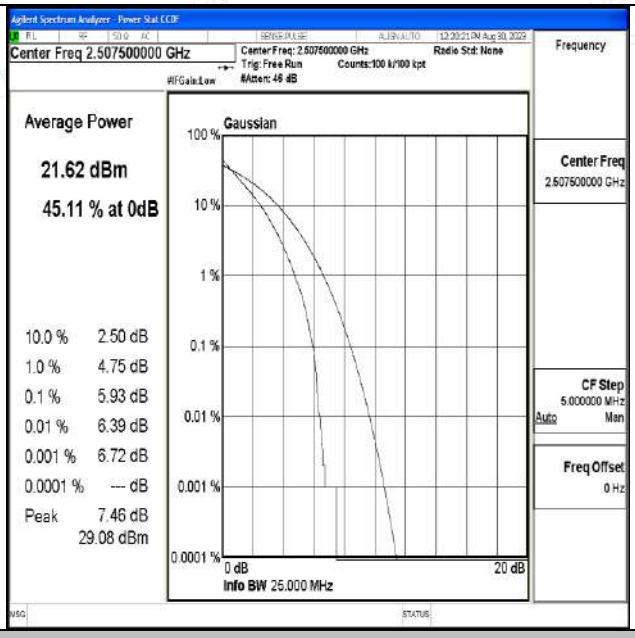
10MHz-21100



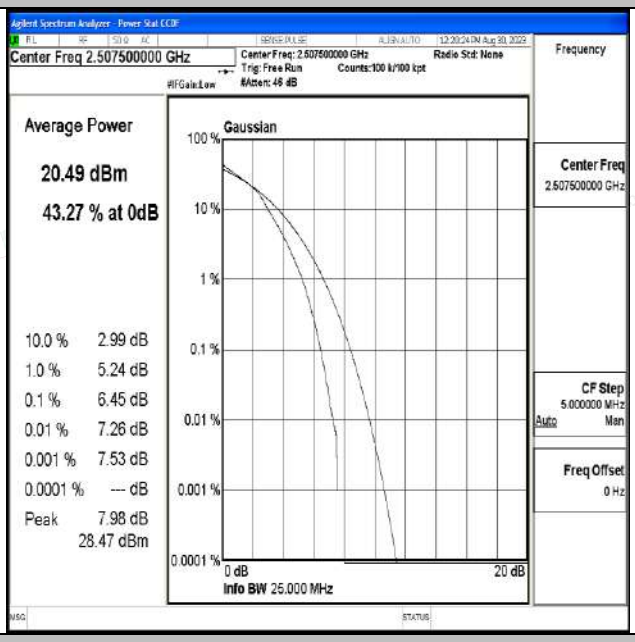
10MHz-21400



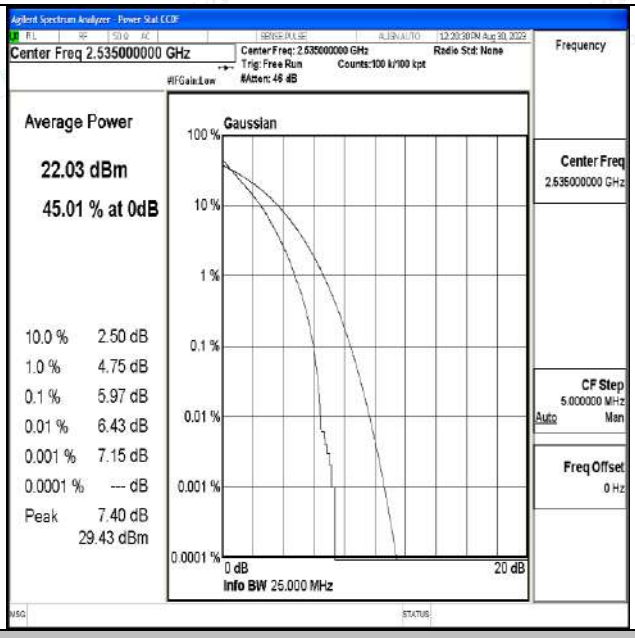
10MHz-21400



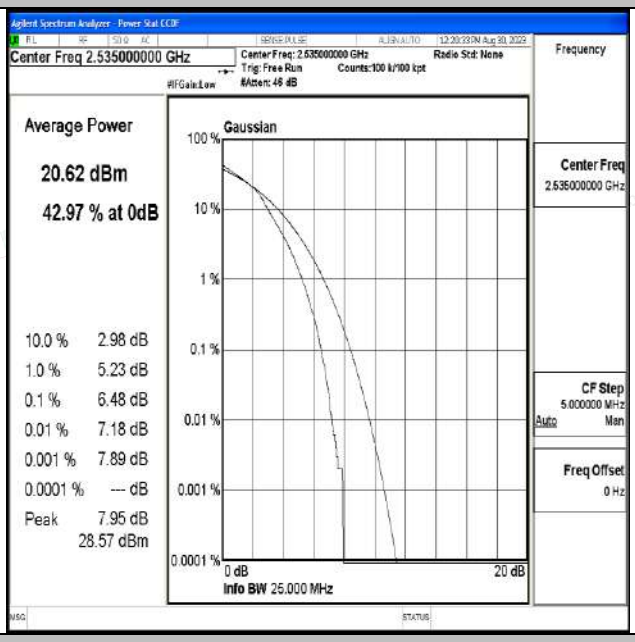
15MHz-20825



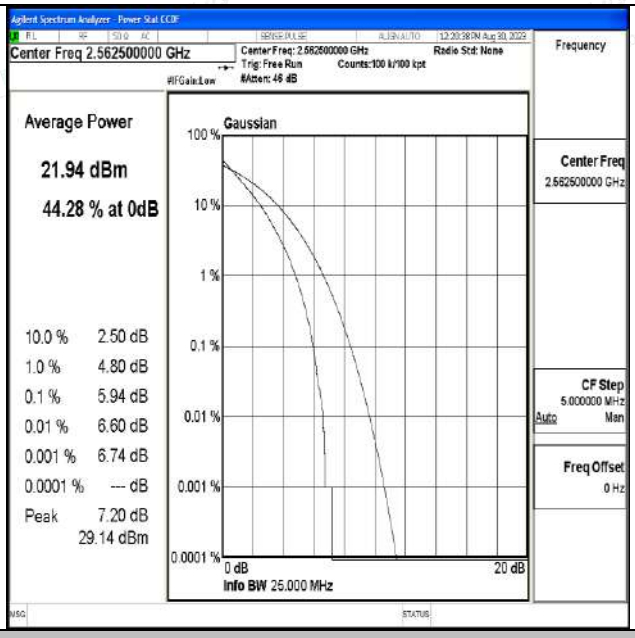
15MHz-20825



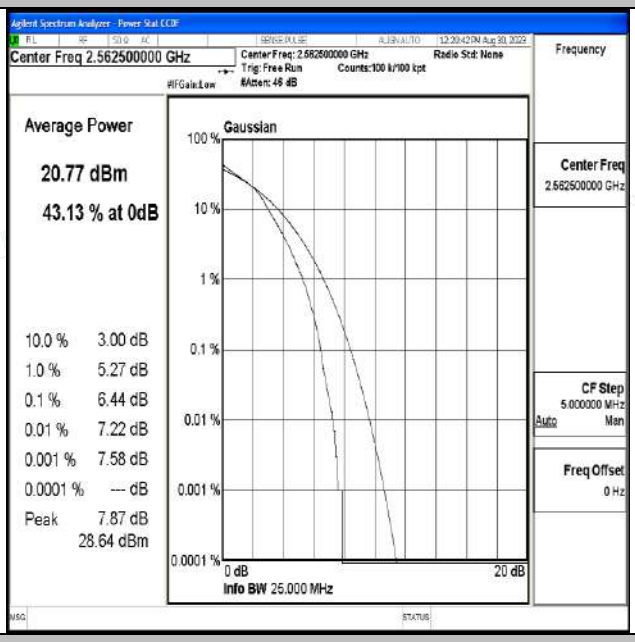
15MHz-21100



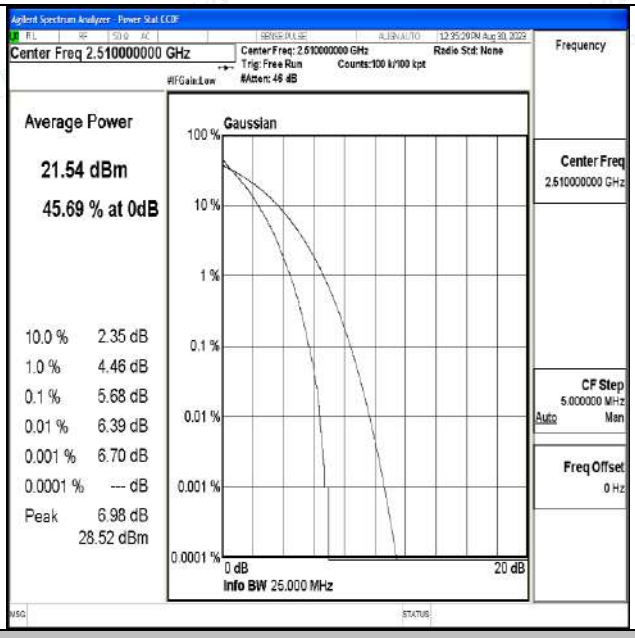
15MHz-21100



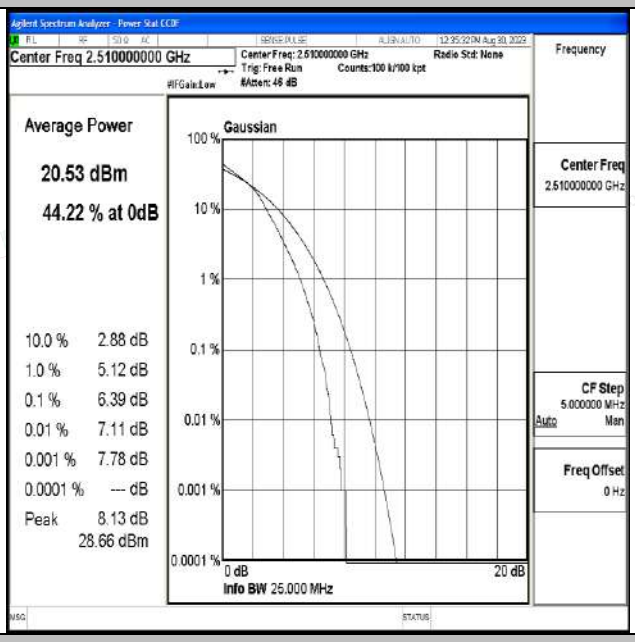
15MHz-21375



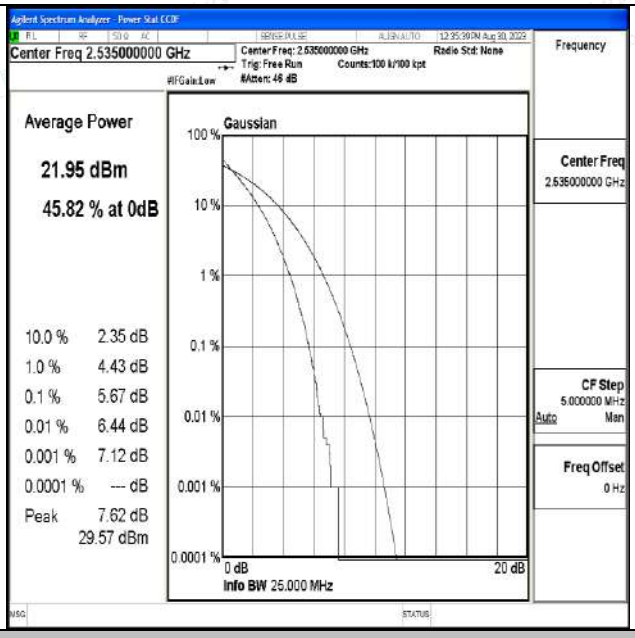
15MHz-21375



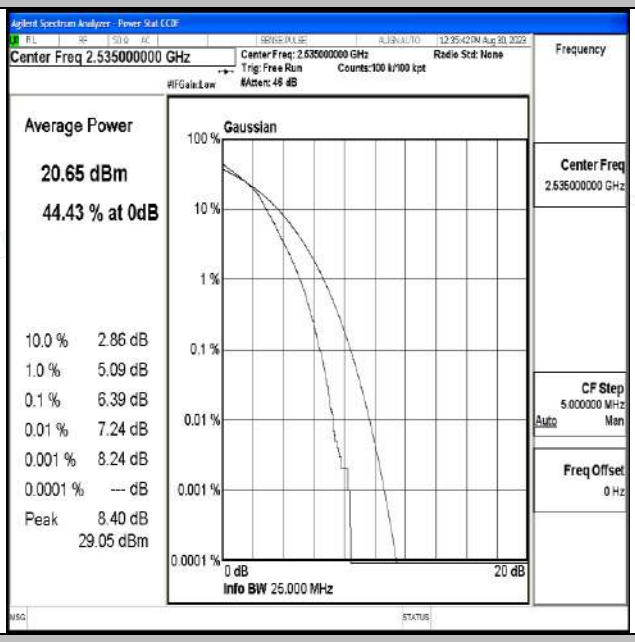
20MHz-20850



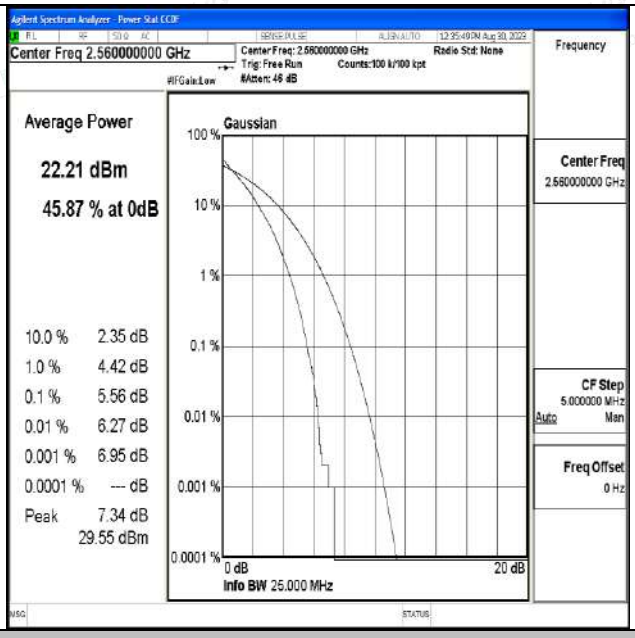
20MHz-20850



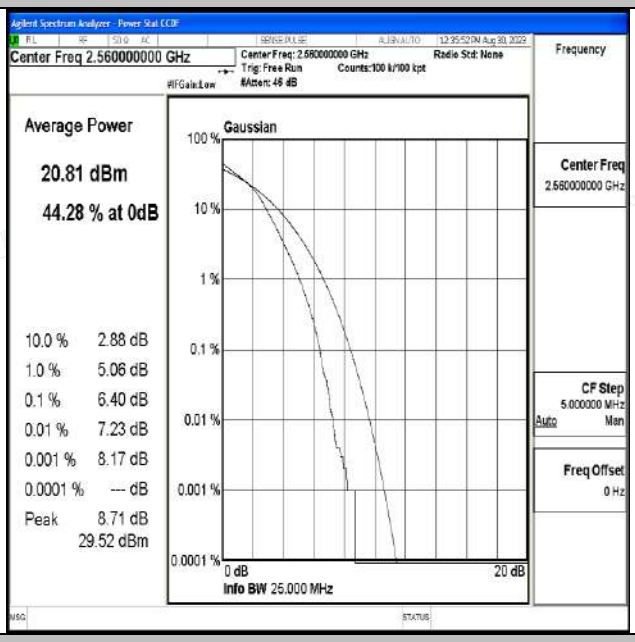
20MHz-21100



20MHz-21100



20MHz-21350



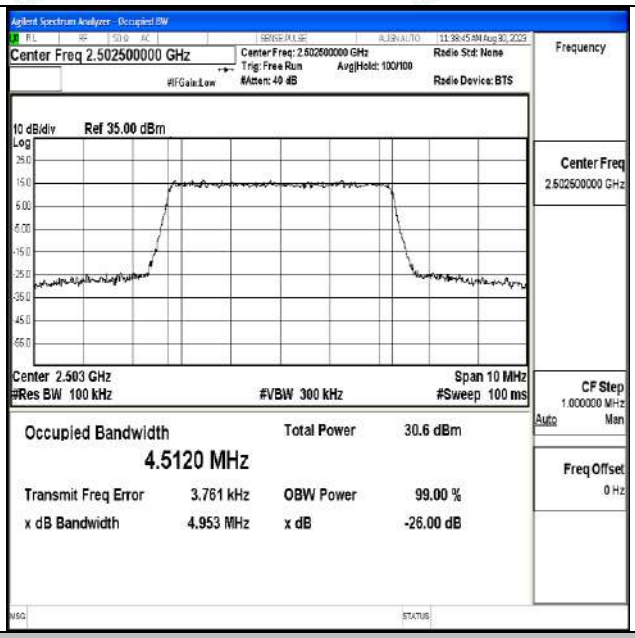
20MHz-21350

G.3 26dB Bandwidth and Occupied Bandwidth

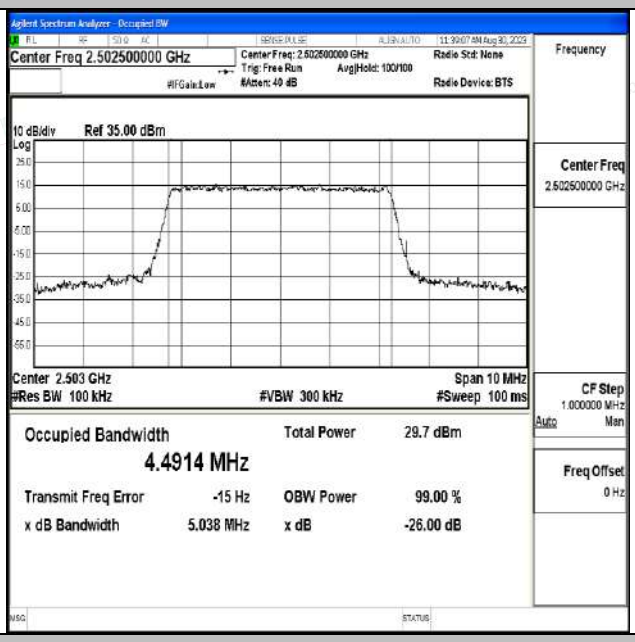
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5120	4.953	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4914	5.038	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5098	4.921	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4882	4.886	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4940	4.890	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5006	4.949	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9887	9.830	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9711	9.788	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9886	9.841	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9894	9.753	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9712	9.802	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9804	9.798	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	14.56	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.456	14.61	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.481	14.50	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.481	14.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.433	14.58	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.451	14.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.005	19.36	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.009	19.35	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.990	19.52	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.962	19.45	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.920	19.45	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.949	19.34	PASS

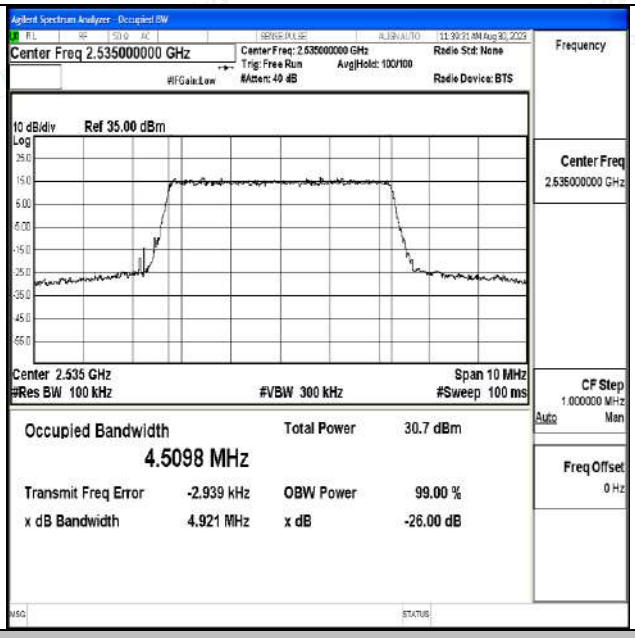
Test Graphs



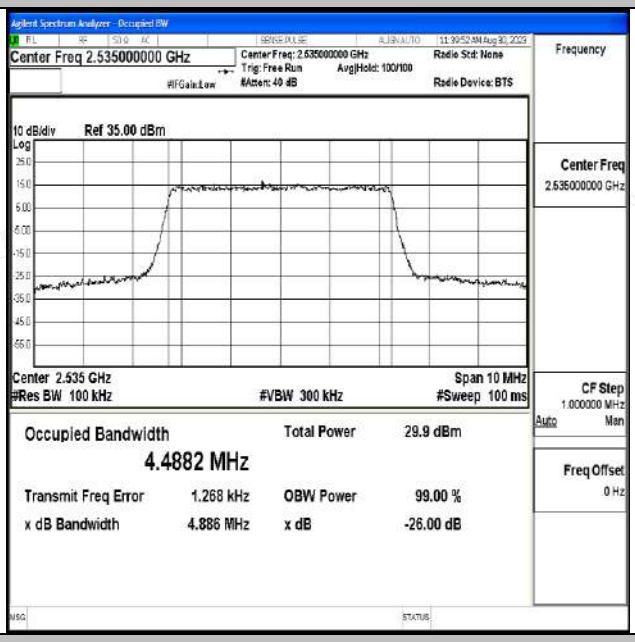
5MHz-20775



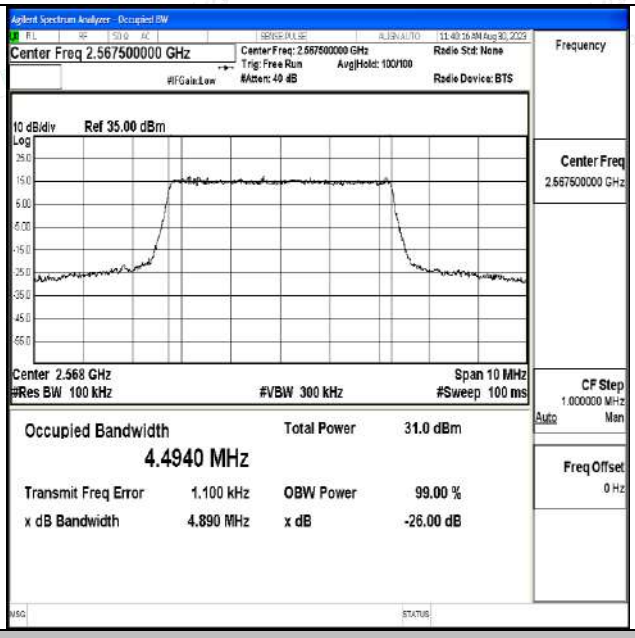
5MHz-20775



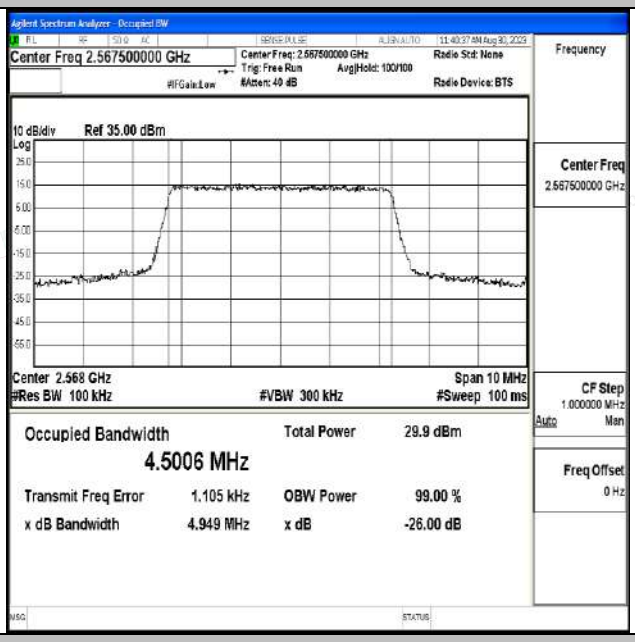
5MHz-21100



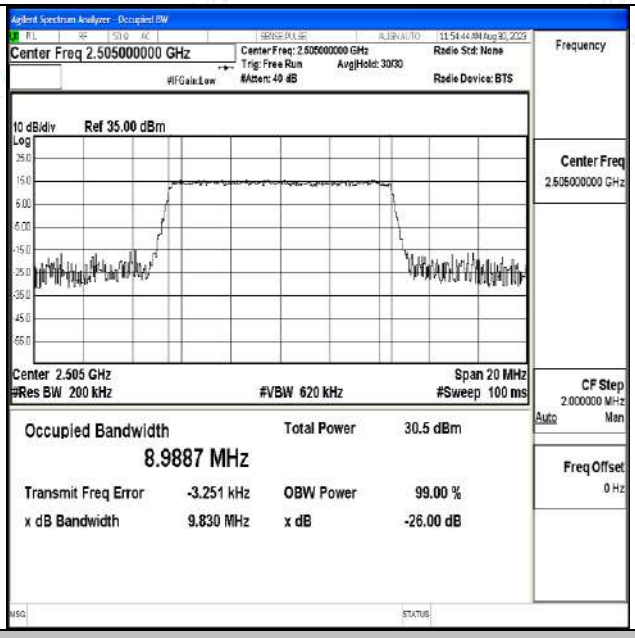
5MHz-21100



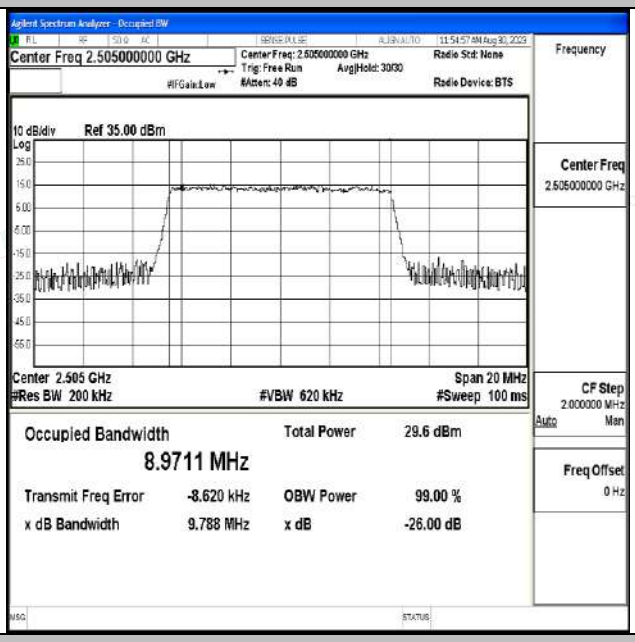
5MHz-21425



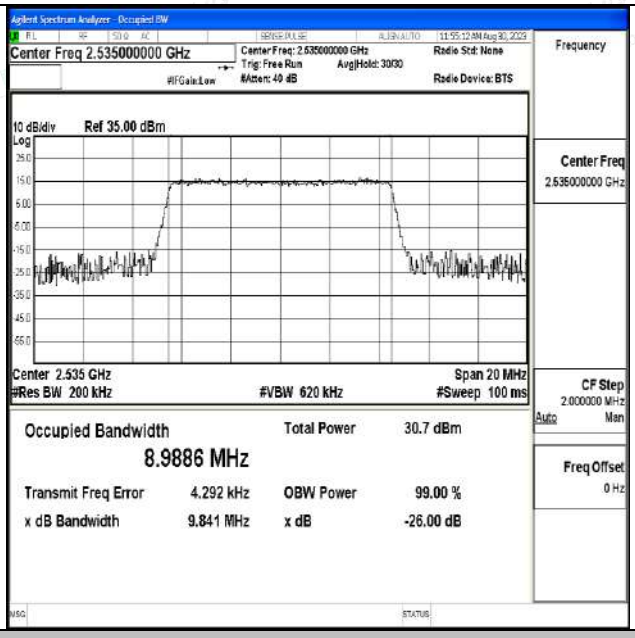
5MHz-21425



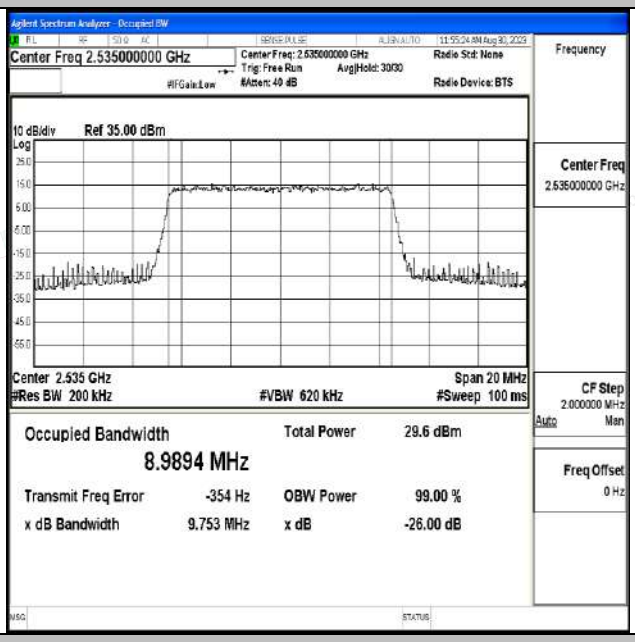
10MHz-20800



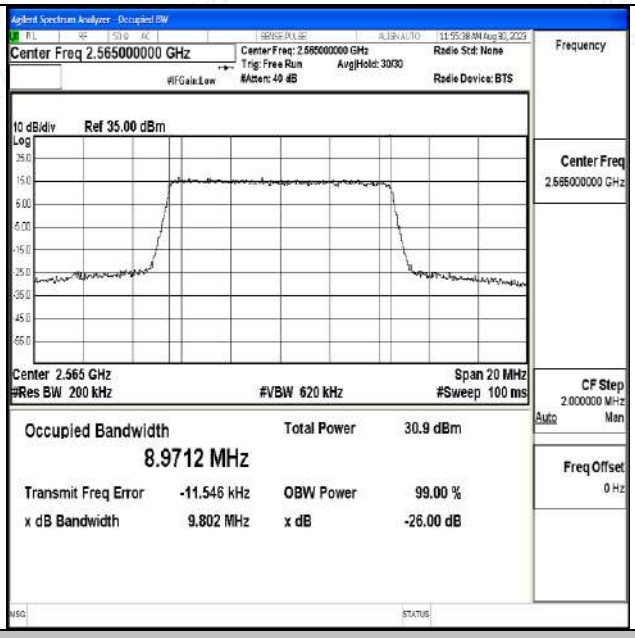
10MHz-20800



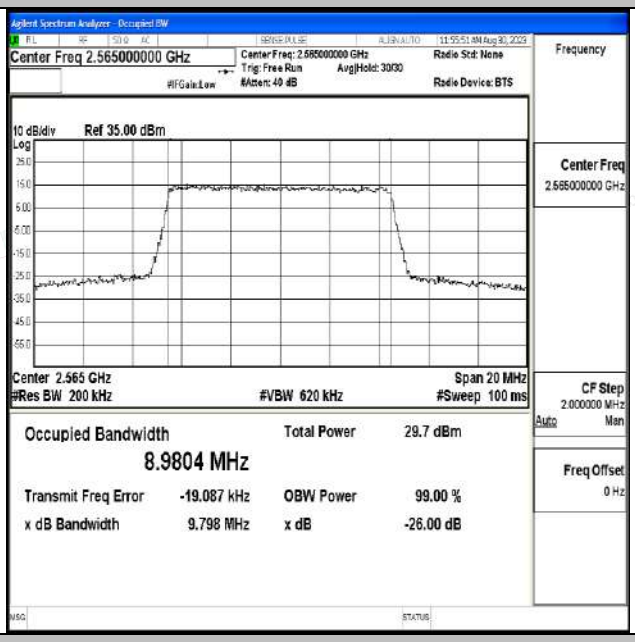
10MHz-21100



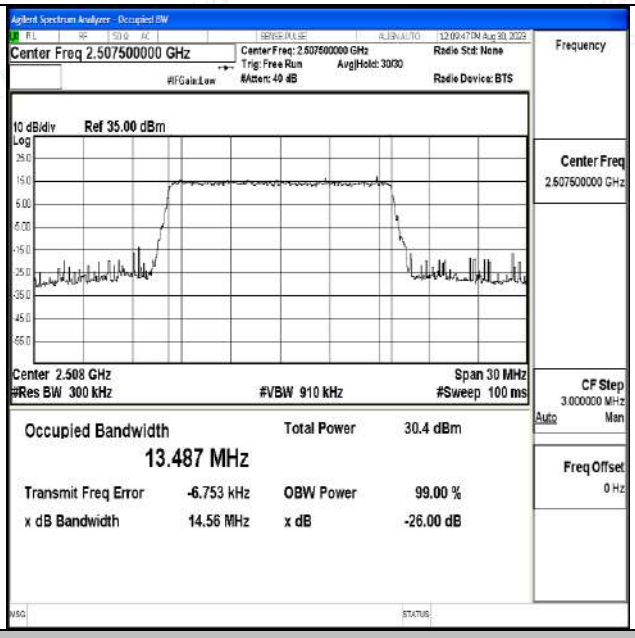
10MHz-21100



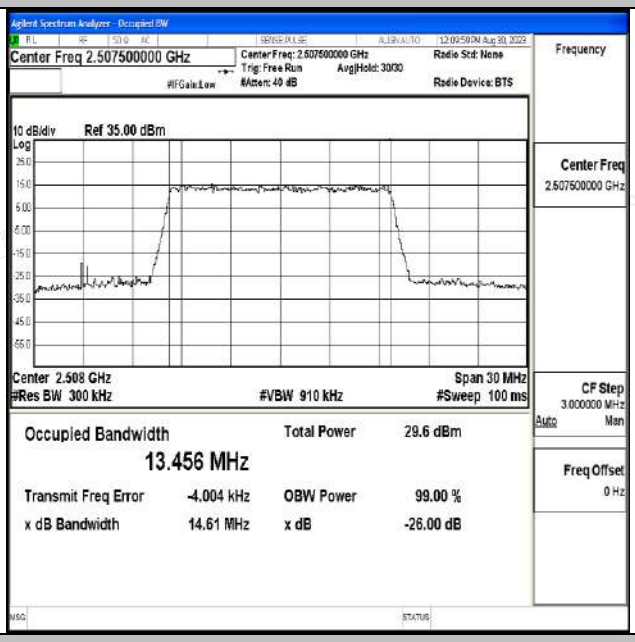
10MHz-21400



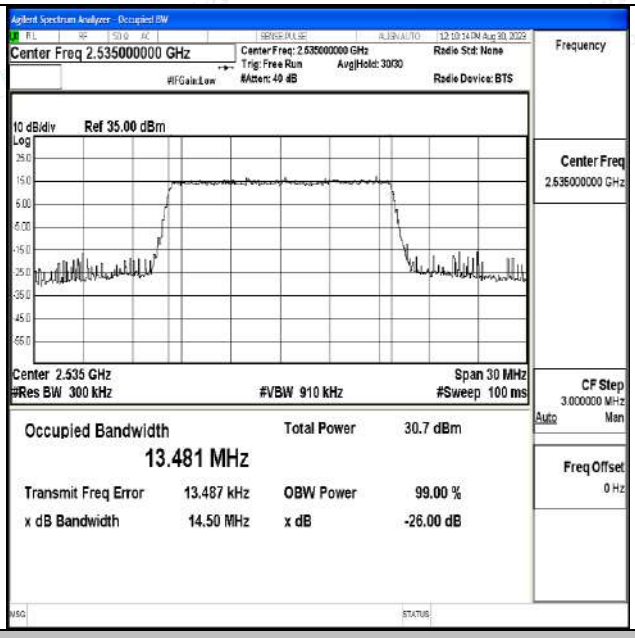
10MHz-21400



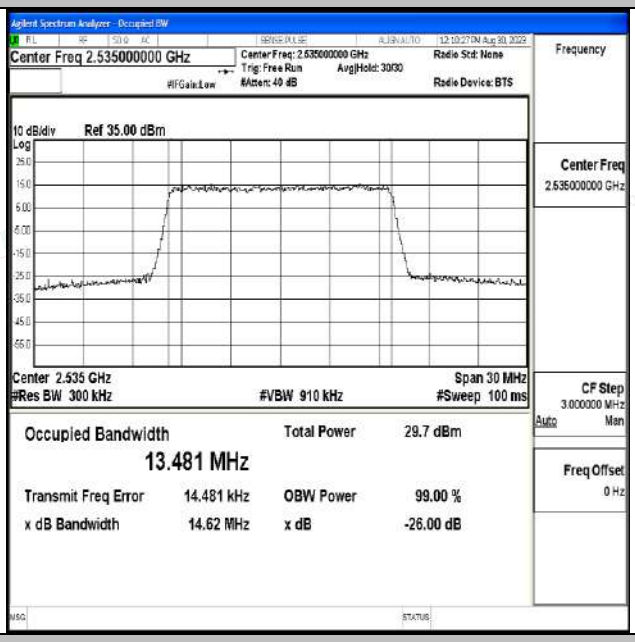
15MHz-20825



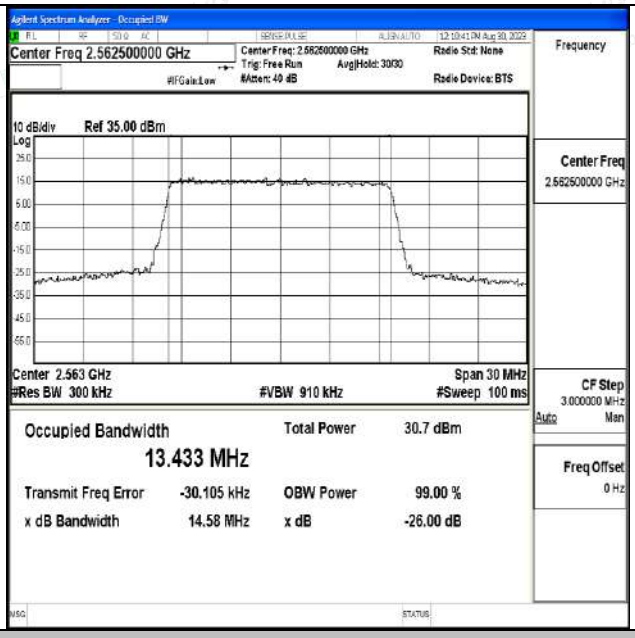
15MHz-20825



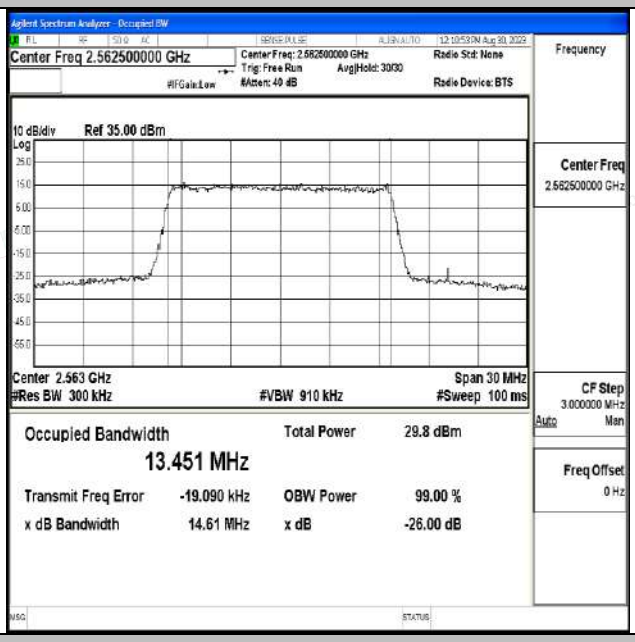
15MHz-21100



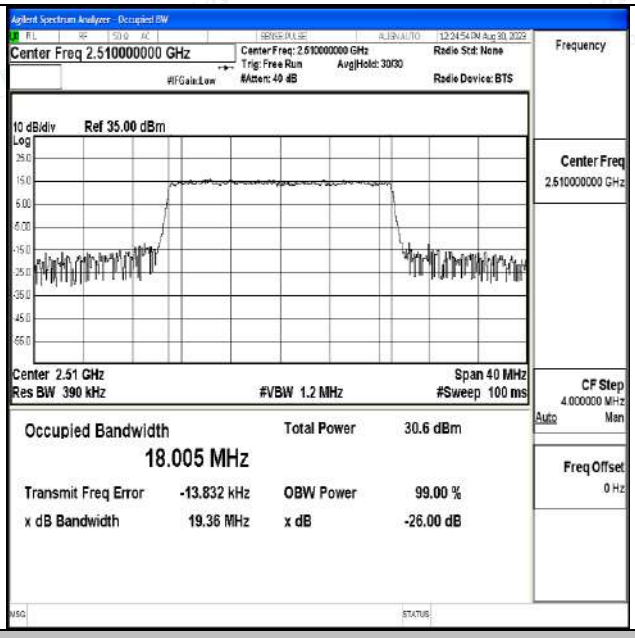
15MHz-21100



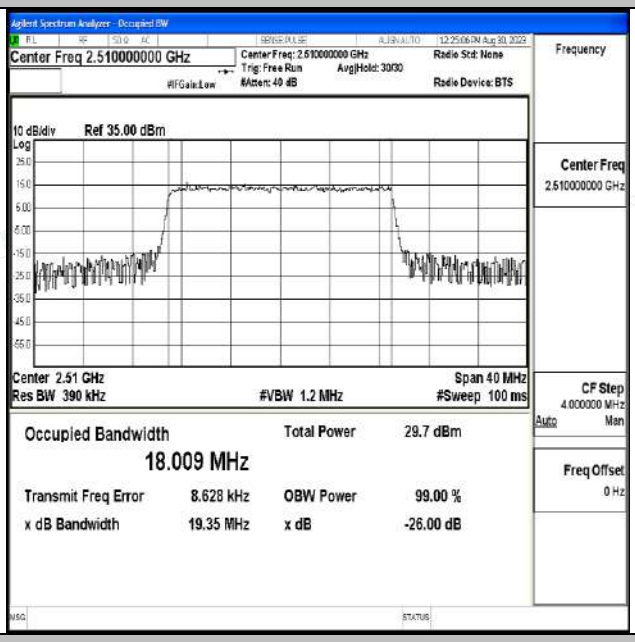
15MHz-21375



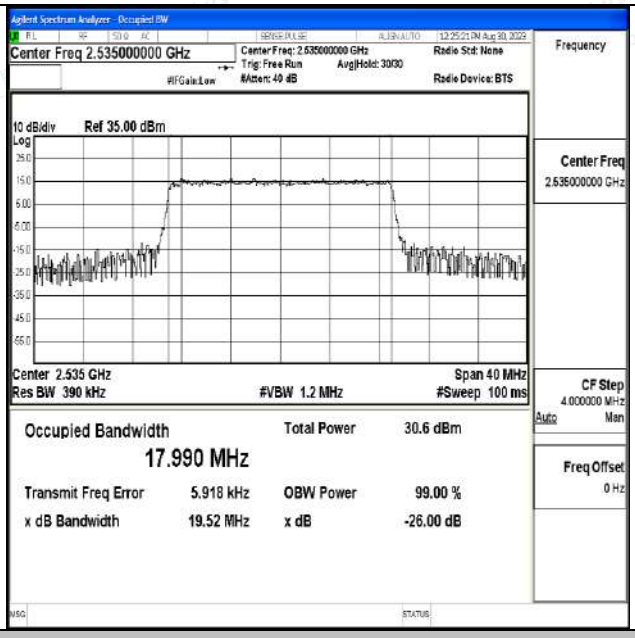
15MHz-21375



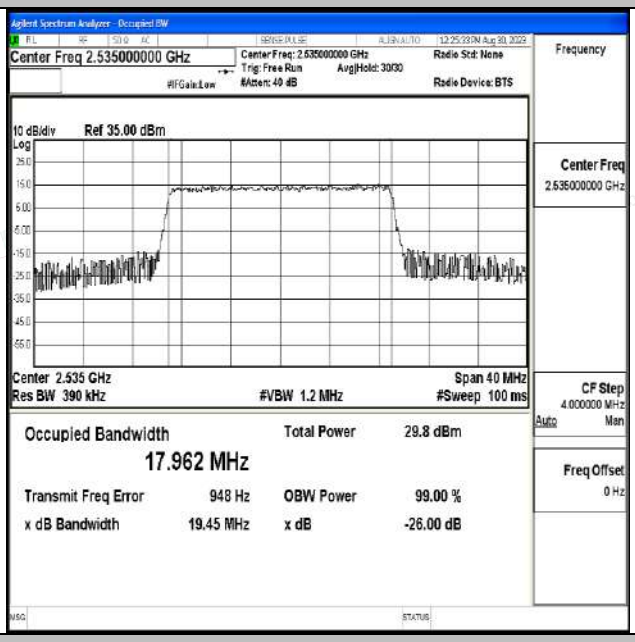
20MHz-20850



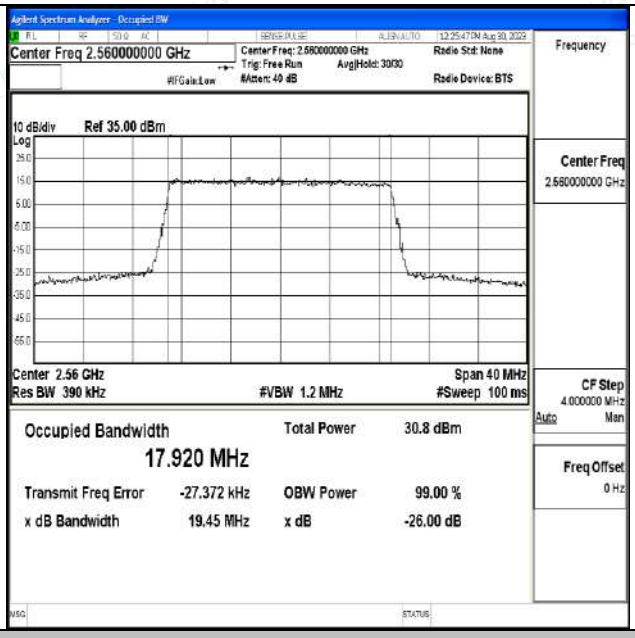
20MHz-20850



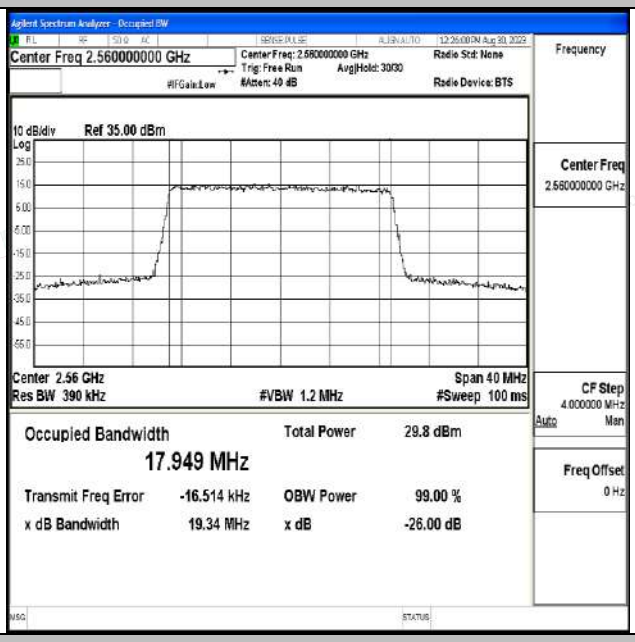
20MHz-21100



20MHz-21100



20MHz-21350



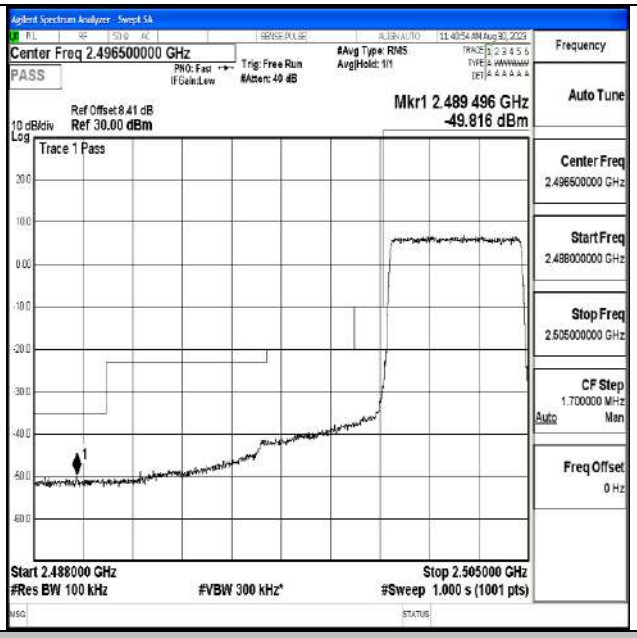
20MHz-21350

G.4 Band Edge

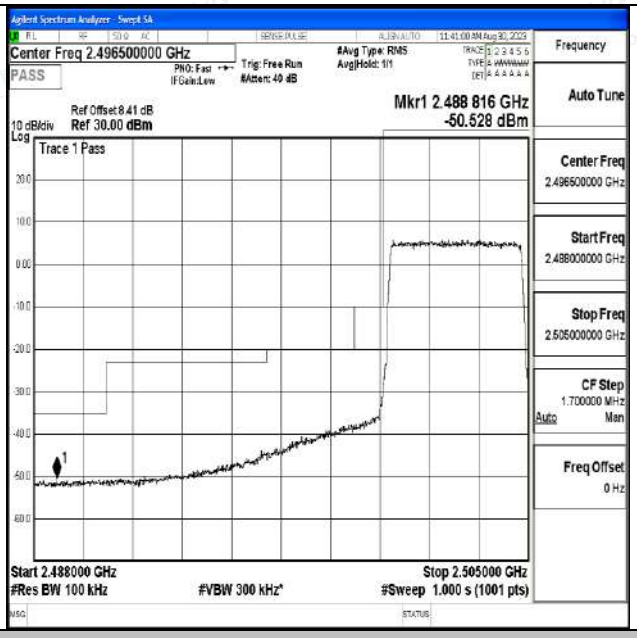
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2489.50	-49.82	PASS
Band7	5MHz	16QAM	20775	25RB#0	2488.82	-50.53	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.09	-47.59	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.09	-48.24	PASS
Band7	10MHz	QPSK	20800	50RB#0	2488.50	-43.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.85	-45.18	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.18	-45.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.83	-46.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	2484.69	-44.50	PASS
Band7	15MHz	16QAM	20825	75RB#0	2484.27	-45.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	2585.24	-44.31	PASS
Band7	15MHz	16QAM	21375	75RB#0	2586.08	-45.18	PASS
Band7	20MHz	QPSK	20850	100RB#0	2480.00	-44.90	PASS
Band7	20MHz	16QAM	20850	100RB#0	2479.46	-45.21	PASS
Band7	20MHz	QPSK	21350	100RB#0	2590.01	-44.57	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.14	-44.49	PASS

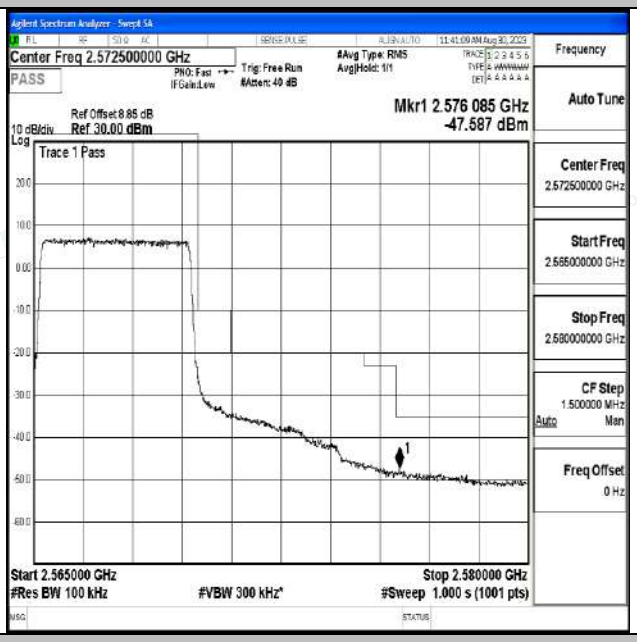
Test Graphs



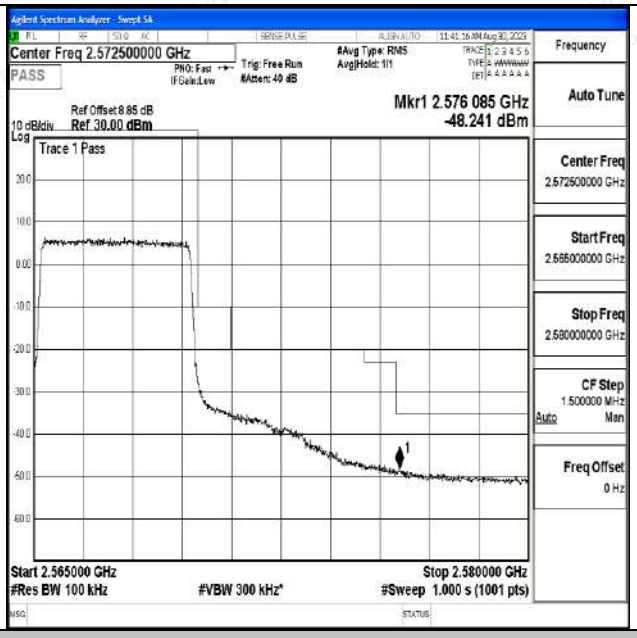
Band7_5MHz_QPSK_20775_25RB#0



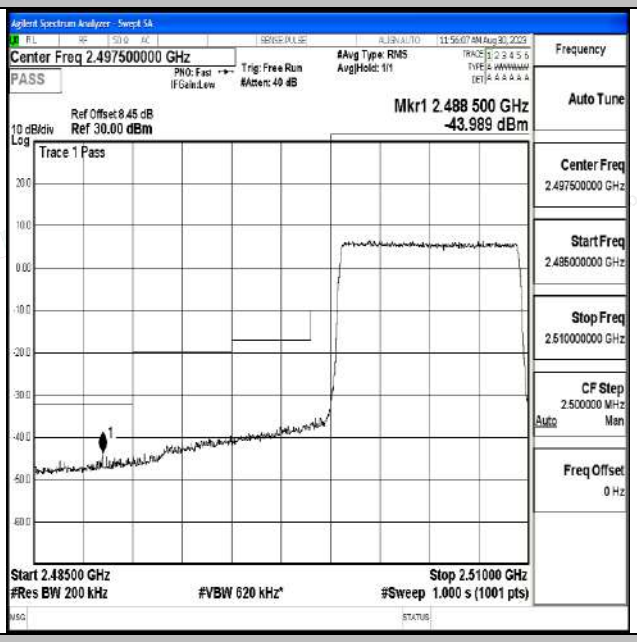
Band7_5MHz_16QAM_20775_25RB#0



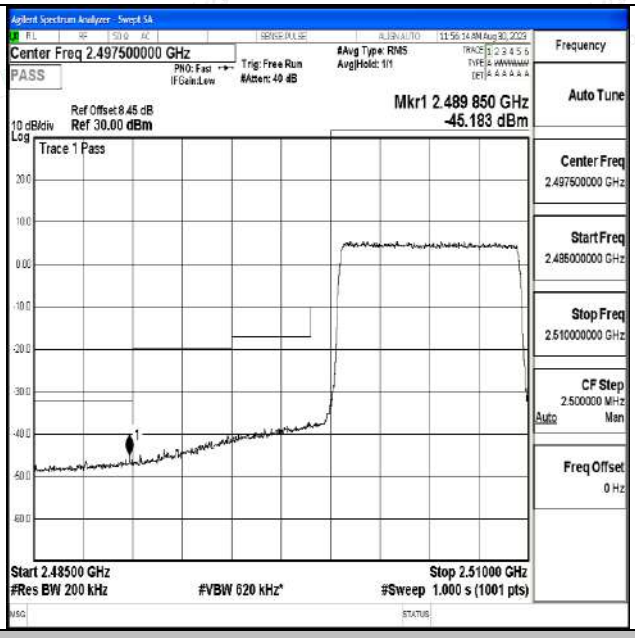
Band7_5MHz_QPSK_21425_25RB#0



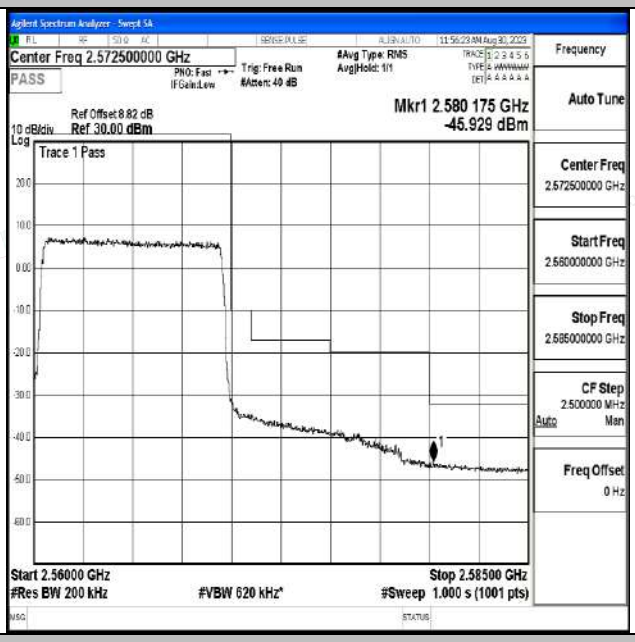
Band7_5MHz_16QAM_21425_25RB#0



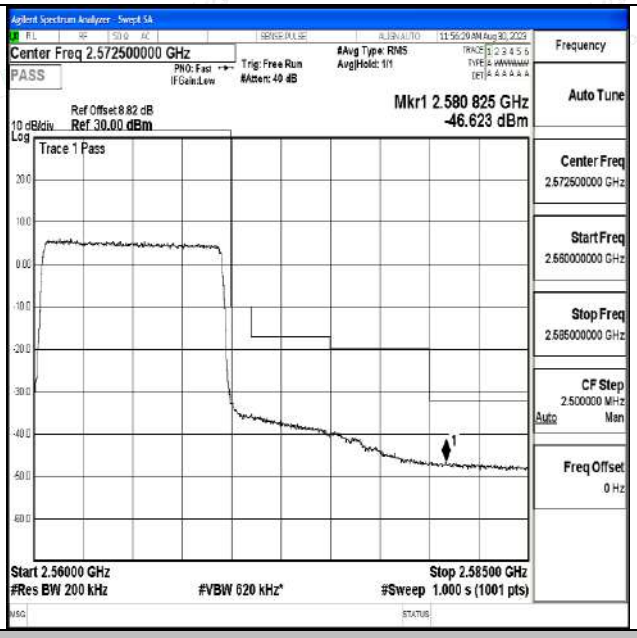
Band7_10MHz_QPSK_20800_50RB#0



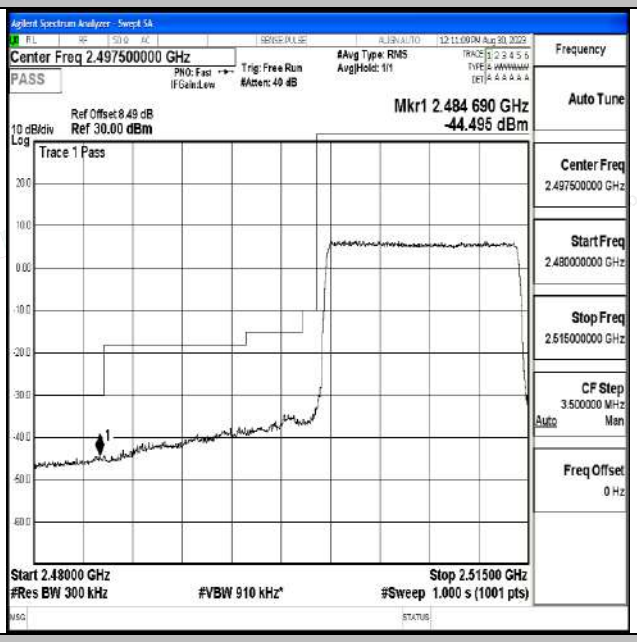
Band7_10MHz_16QAM_20800_50RB#0



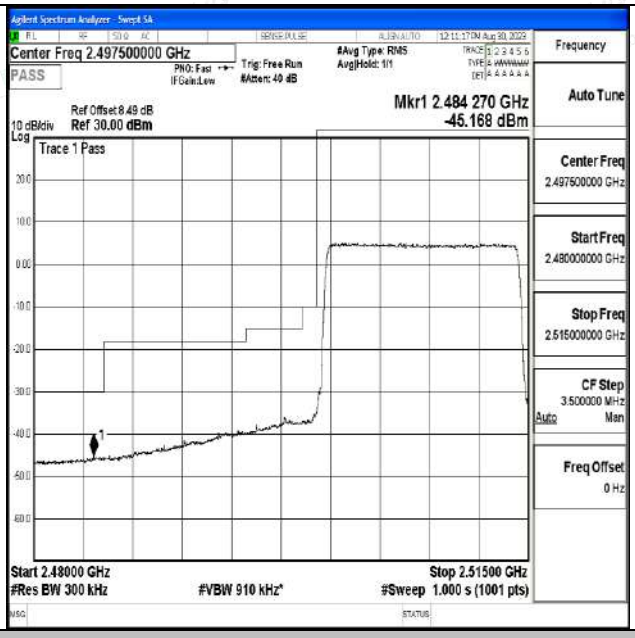
Band7_10MHz_QPSK_21400_50RB#0



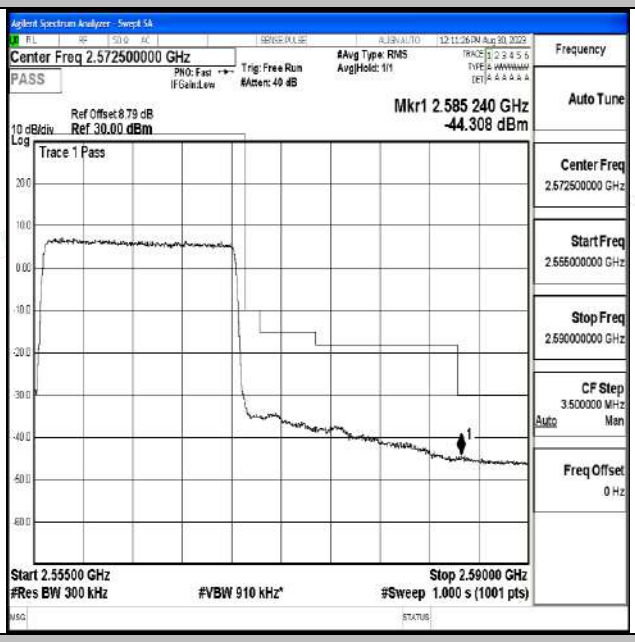
Band7_10MHz_16QAM_21400_50RB#0



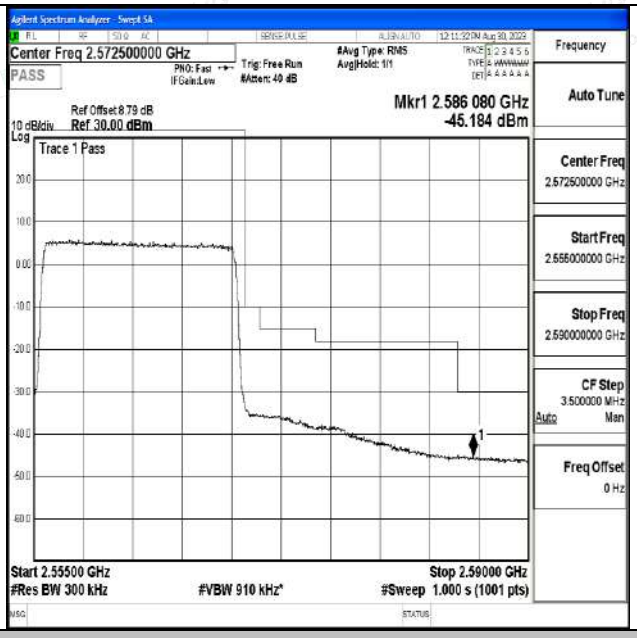
Band7_15MHz_QPSK_20825_75RB#0



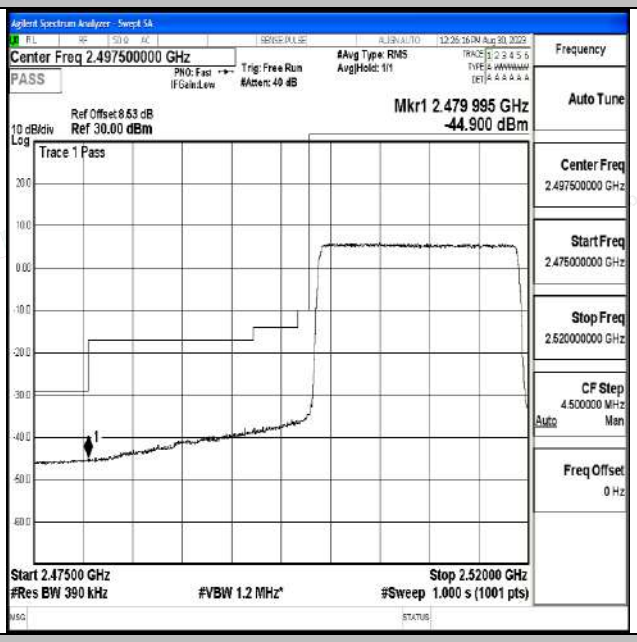
Band7_15MHz_16QAM_20825_75RB#0



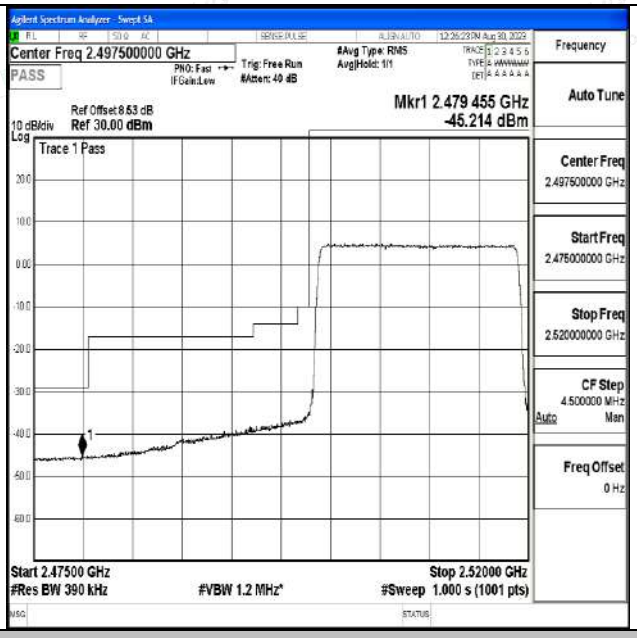
Band7_15MHz_QPSK_21375_75RB#0



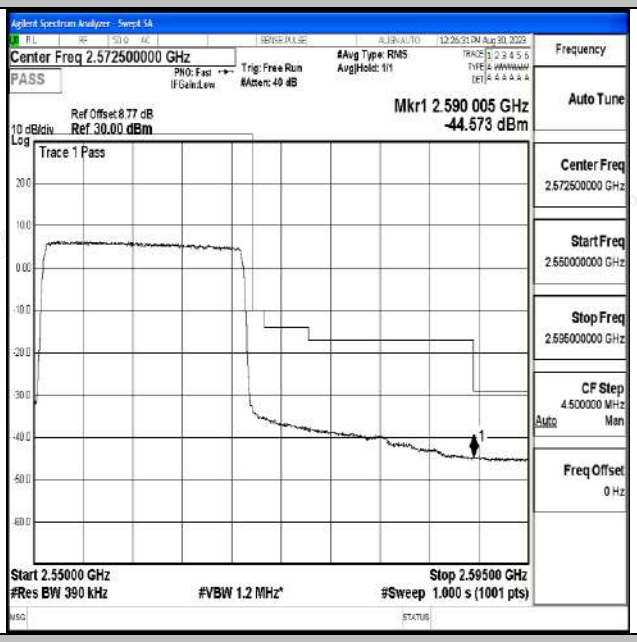
Band7_15MHz_16QAM_21375_75RB#0



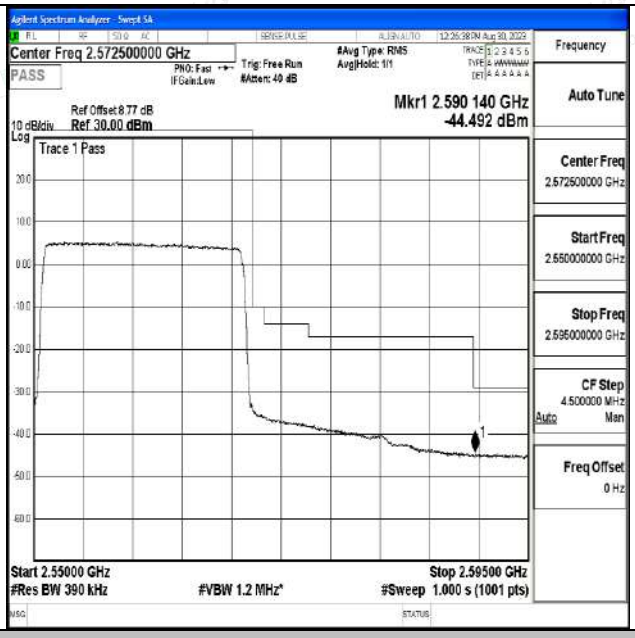
Band7_20MHz_QPSK_20850_100RB#0



Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_21350_100RB#0

G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-66.44	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-53.99	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-54.05	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-33.24	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-45.75	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-67.64	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-55.45	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-54.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-33.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-45.27	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-68.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-52.06	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-54.03	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-33.40	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-45.53	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-68.28	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-54.60	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-53.93	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-33.37	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-45.68	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-67.25	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-51.81	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-53.91	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-33.34	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-45.35	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-69.05	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-54.37	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-54.05	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-33.71	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-45.54	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-70.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-52.88	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-53.88	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-33.79	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-45.98	PASS

Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-70.05	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-52.23	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-53.91	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-33.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-45.70	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-68.10	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-54.67	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-53.97	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-33.49	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-45.97	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-65.57	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-54.22	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-53.84	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-32.87	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-45.54	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-70.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-51.30	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-53.96	PASS
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Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-45.77	PASS
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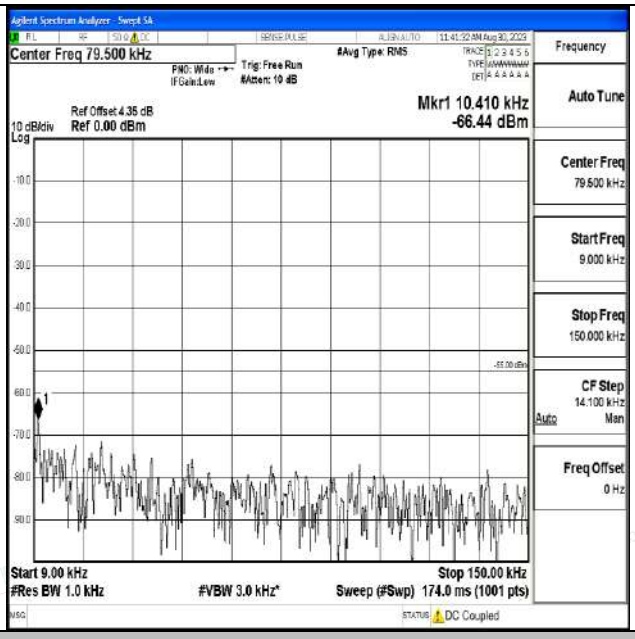
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-52.95	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-53.96	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-33.42	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-45.81	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-65.61	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-53.10	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-53.89	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-33.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-45.25	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-68.93	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-54.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-53.94	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-33.30	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-45.73	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-64.72	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-52.82	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-54.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-33.31	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-45.48	PASS

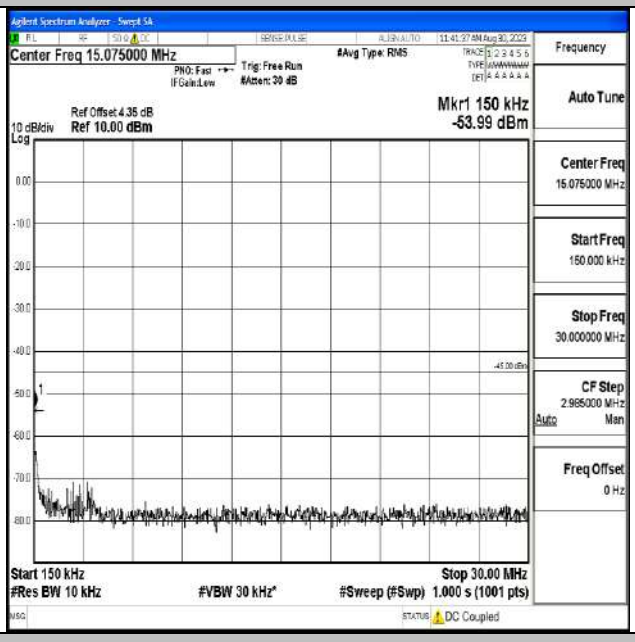
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-67.24	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-54.71	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-53.83	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-33.62	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-45.52	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-70.31	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-52.24	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-53.99	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-33.76	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-45.65	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-68.75	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-54.76	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-53.93	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-33.52	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-45.55	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-68.24	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-53.29	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-54.09	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-33.71	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-45.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-65.38	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-53.12	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-53.98	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-33.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-45.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-66.19	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-53.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-53.84	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-33.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-45.54	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-68.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-52.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-53.91	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-33.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-45.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-70.25	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-52.61	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-53.94	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-33.71	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-45.56	PASS

Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-69.86	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-52.29	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-54.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-33.41	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-45.60	PASS

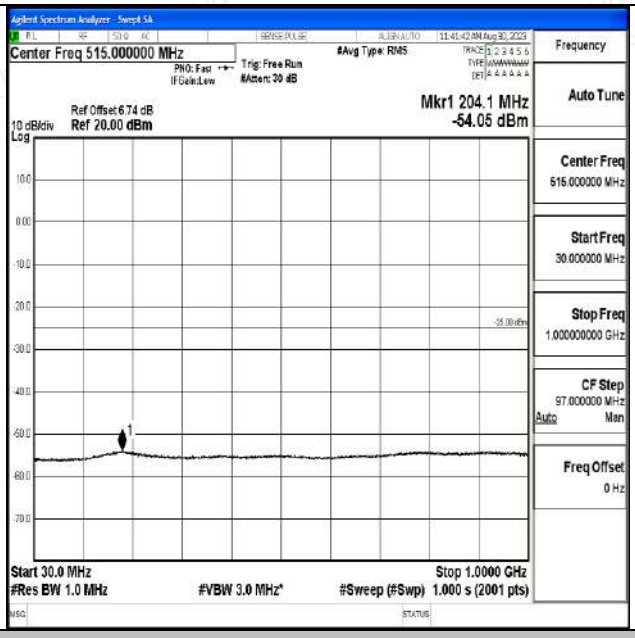
Test Graphs



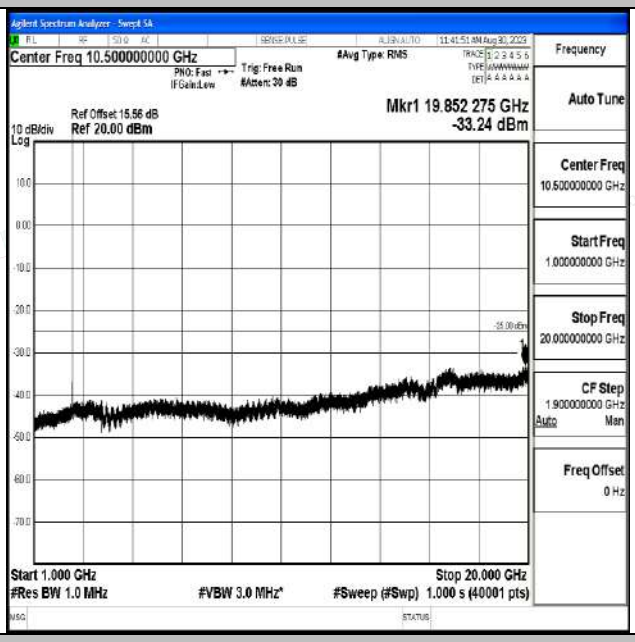
Band7_5MHz_QPSK_20775_1RB#0_0.009~0.15_0.009~0.15



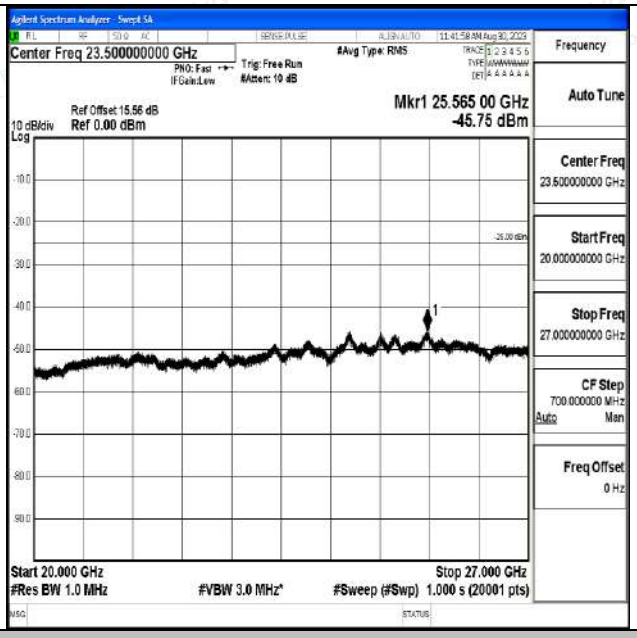
Band7_5MHz_QPSK_20775_1RB#0_0.15~30_0.15~30



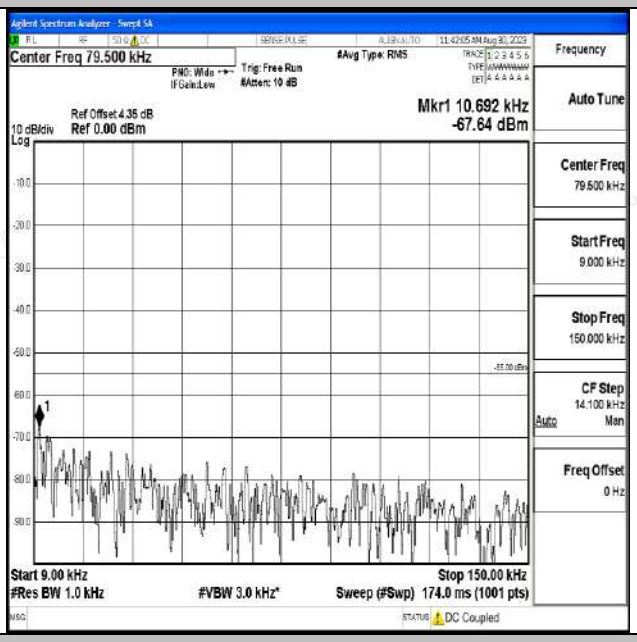
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



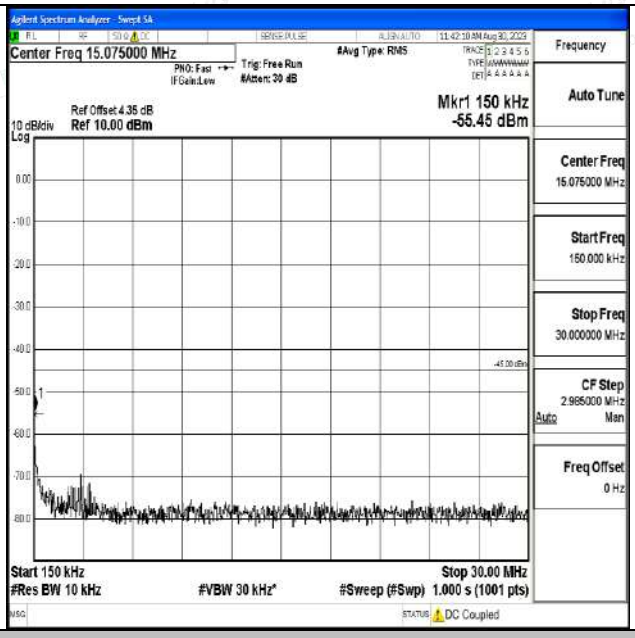
Band7_5MHz_QPSK_20775_1RB#0_1000~20000_1000~20000



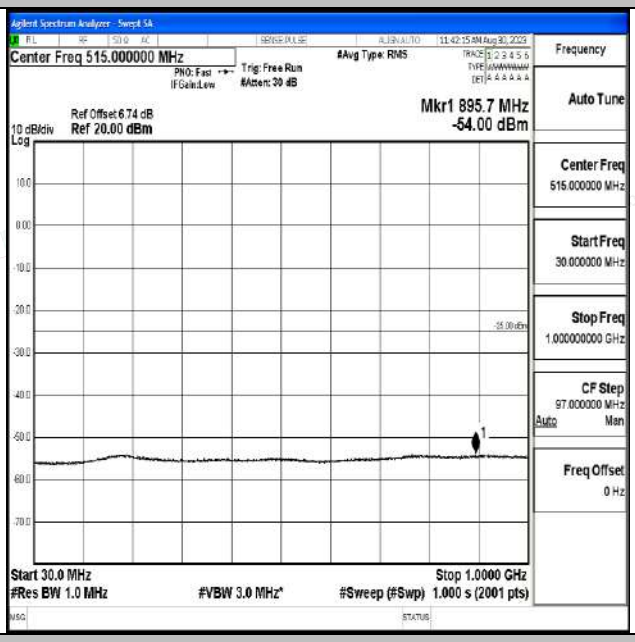
Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_16QAM_20775_1RB#0_0.15~30_0.15~30



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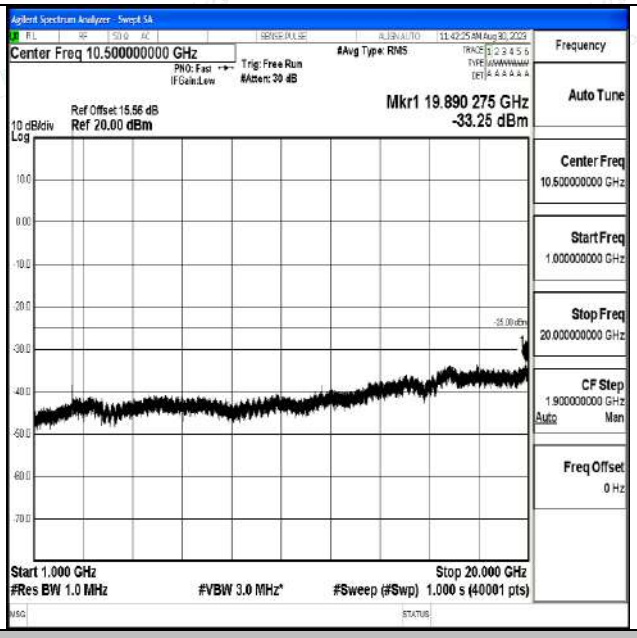

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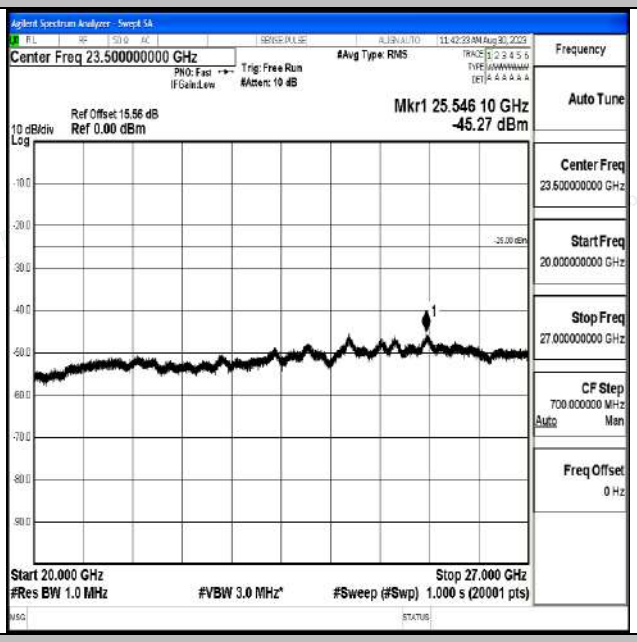

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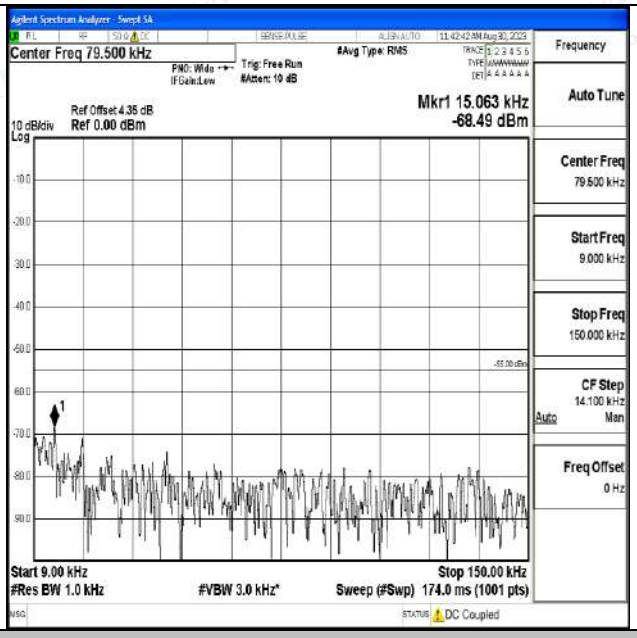

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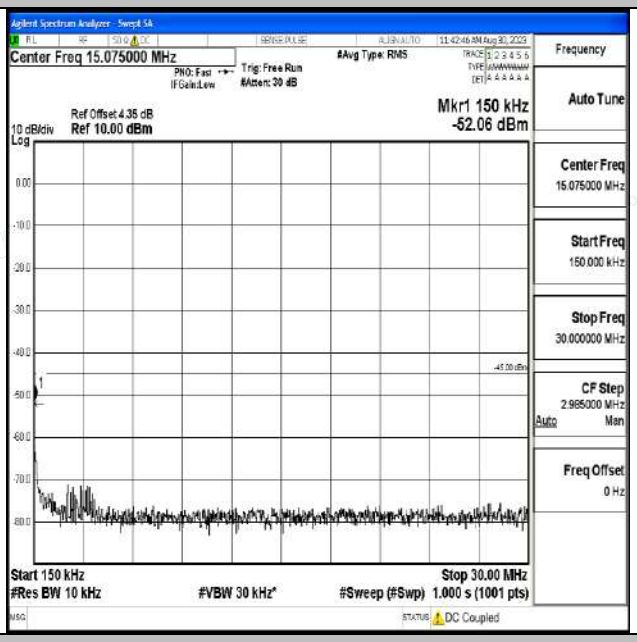

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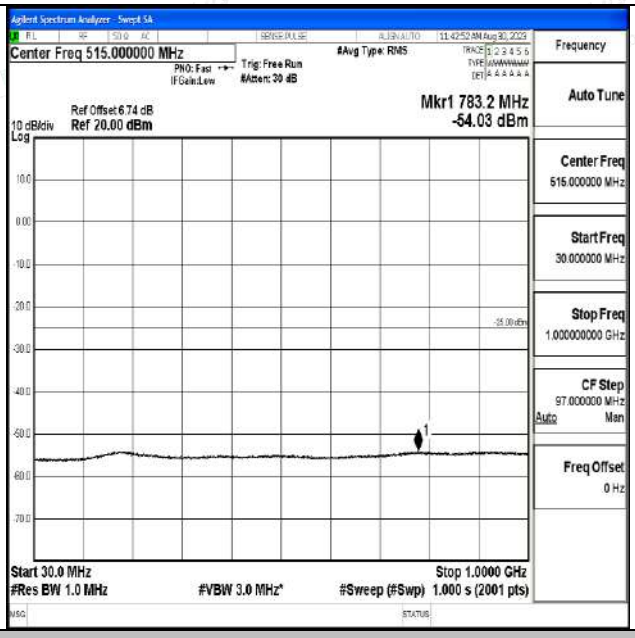

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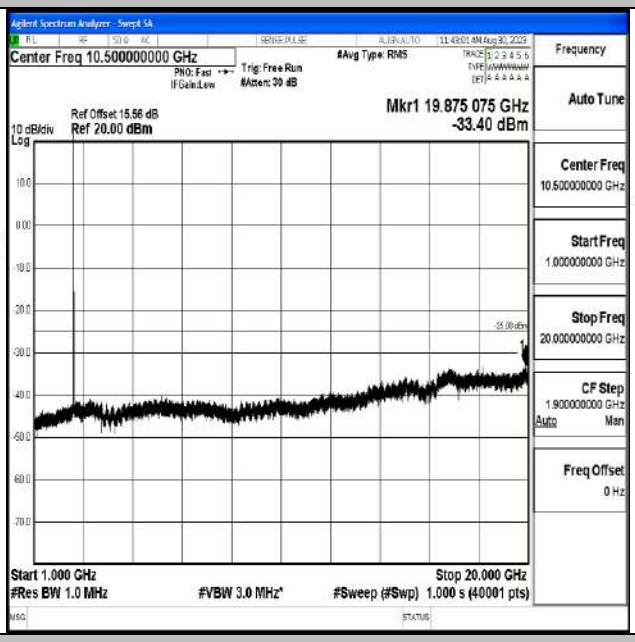

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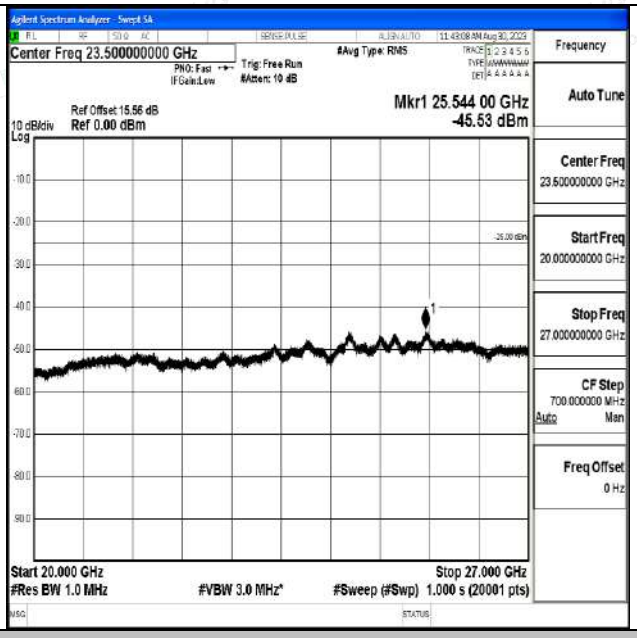
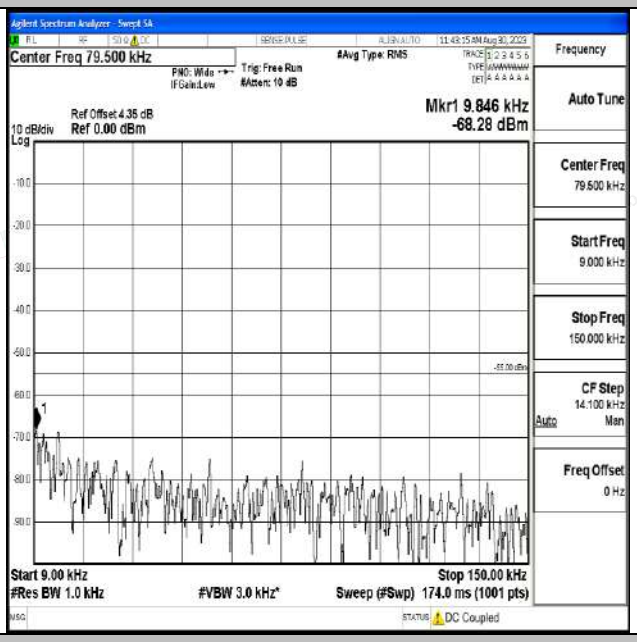


Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



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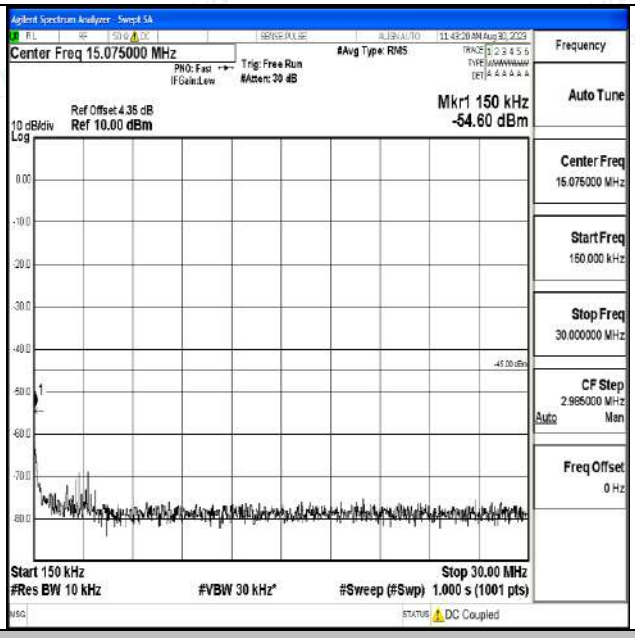

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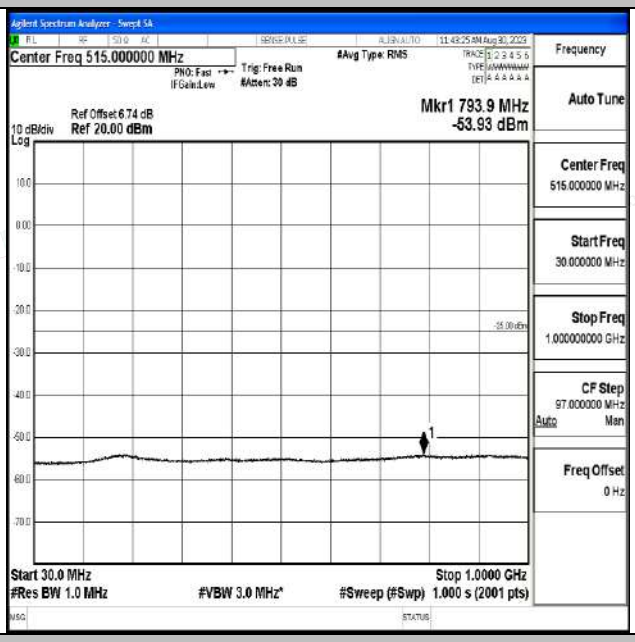

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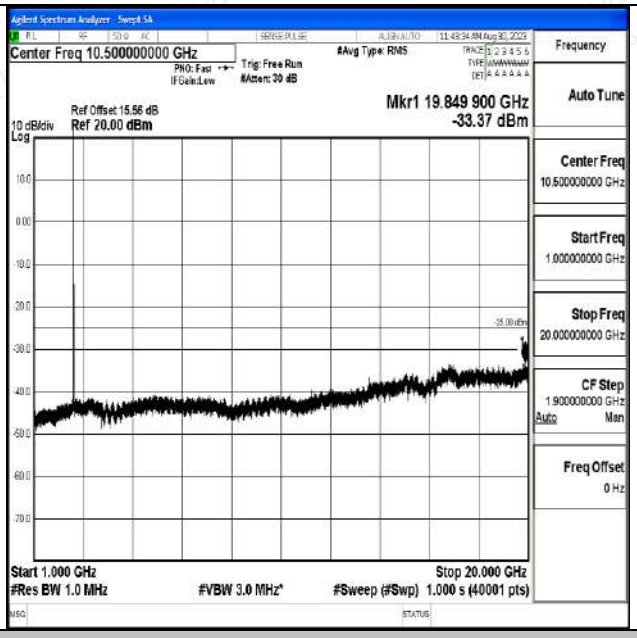
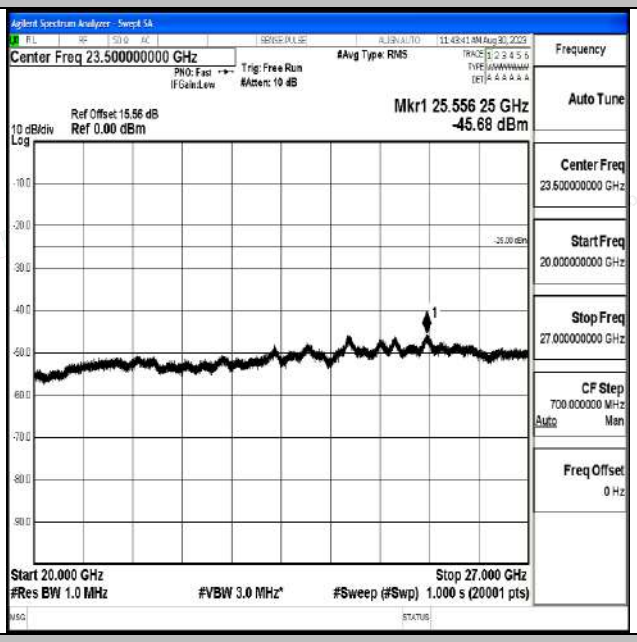
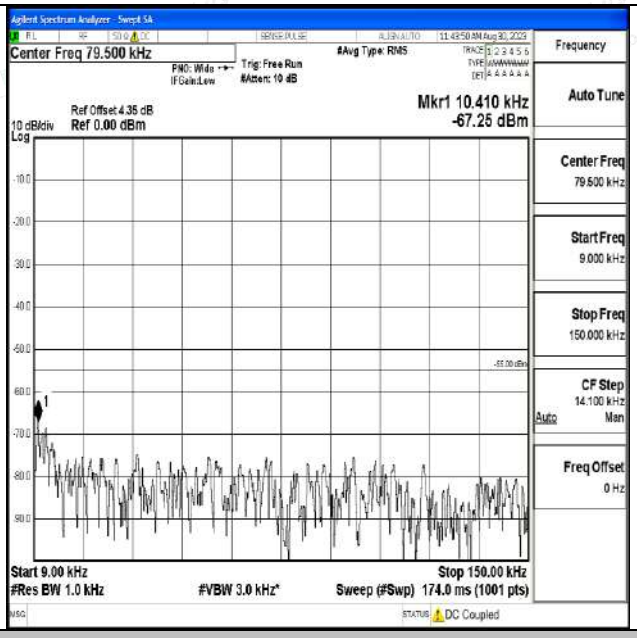


Band7_5MHz_16QAM_21100_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



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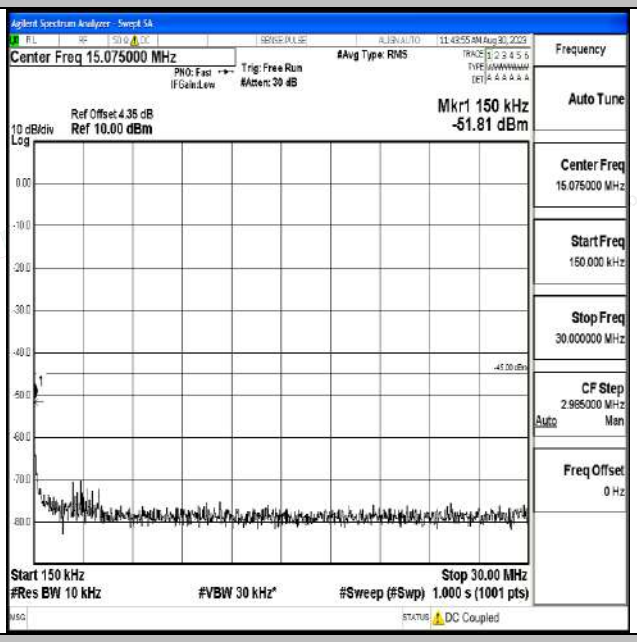

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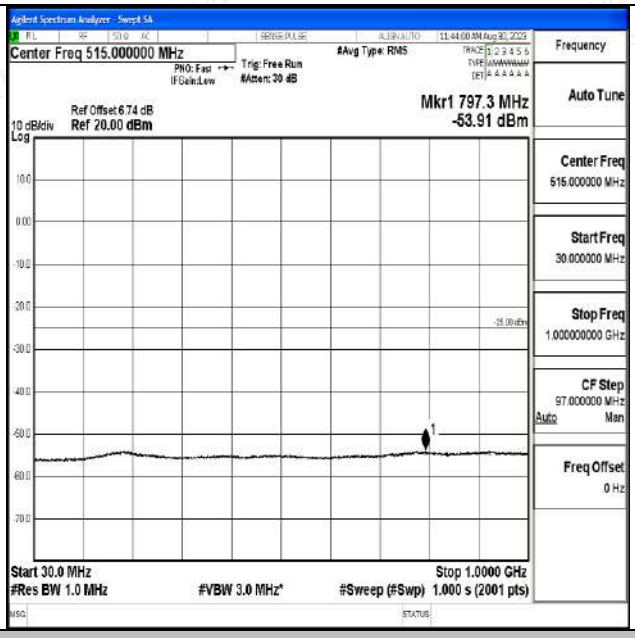

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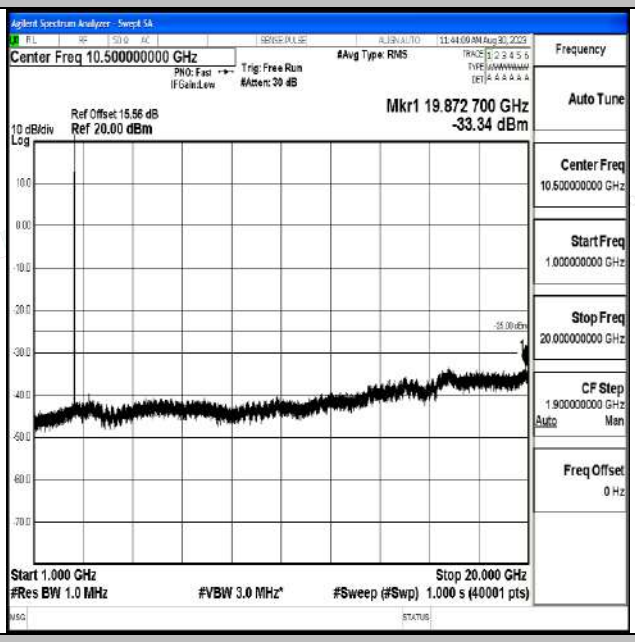

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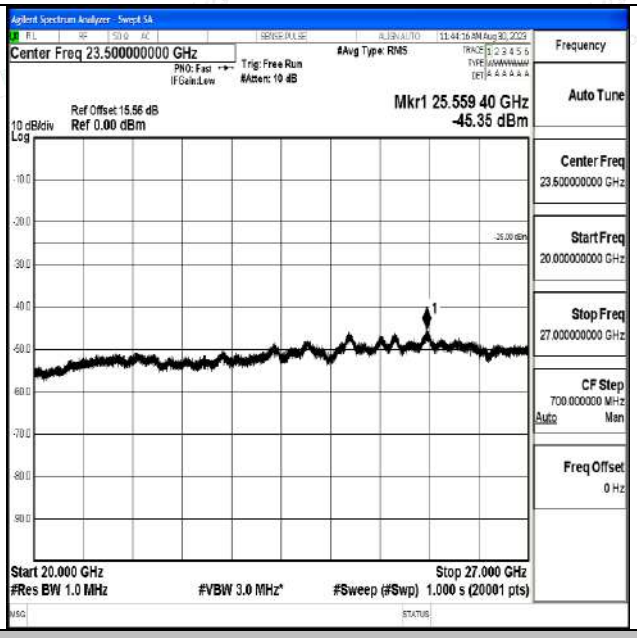
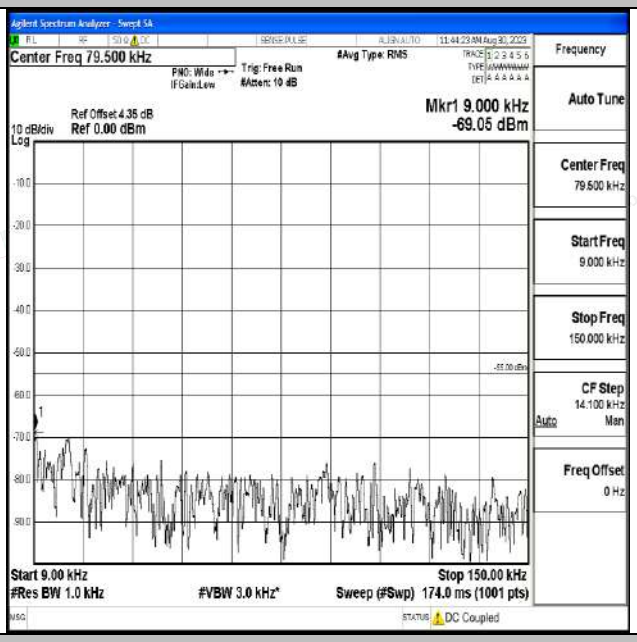
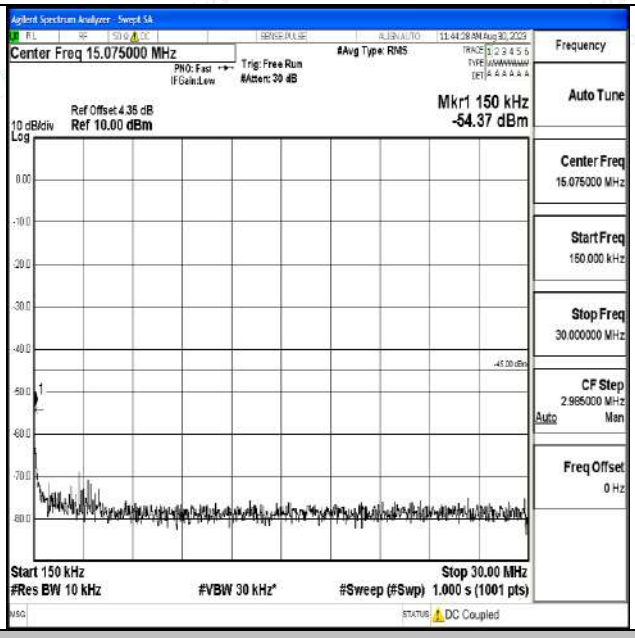


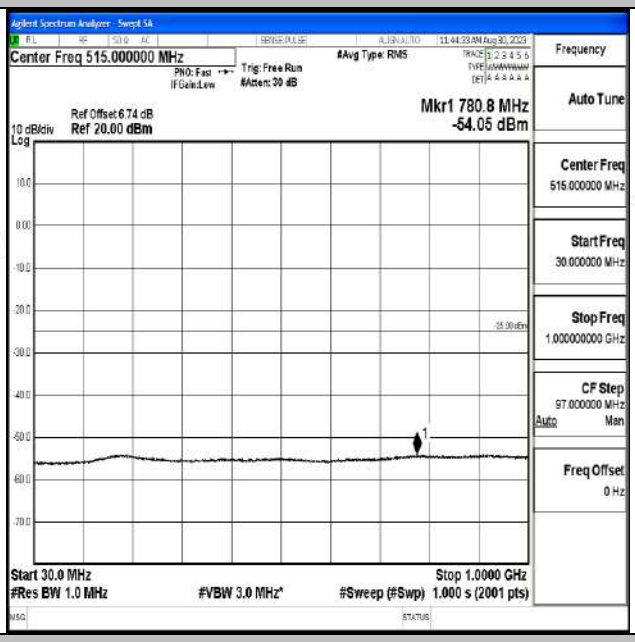
Band7_5MHz_QPSK_21425_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21425_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_16QAM_21425_1RB#0_0.15~30_0.15~30



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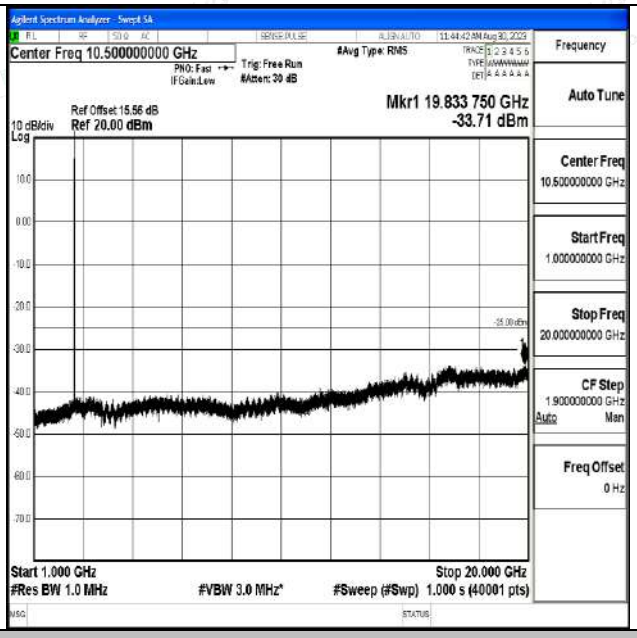

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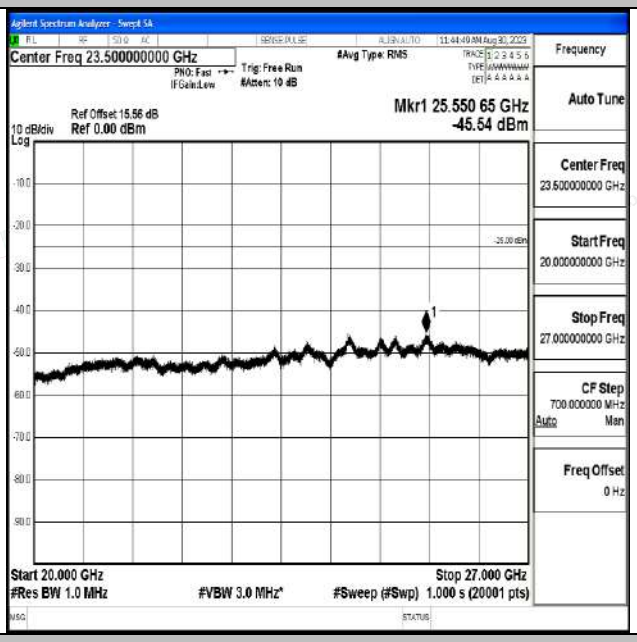
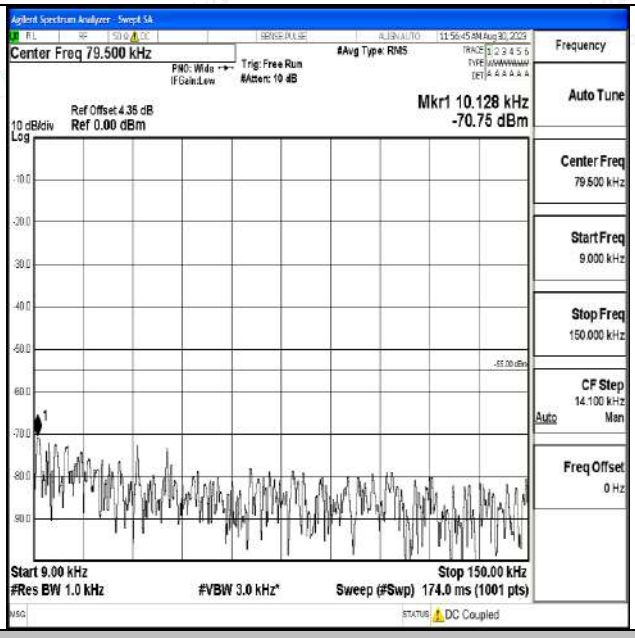
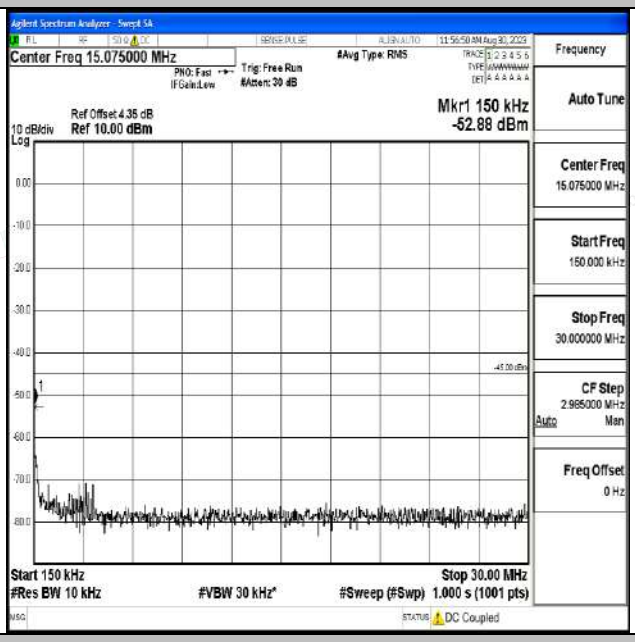


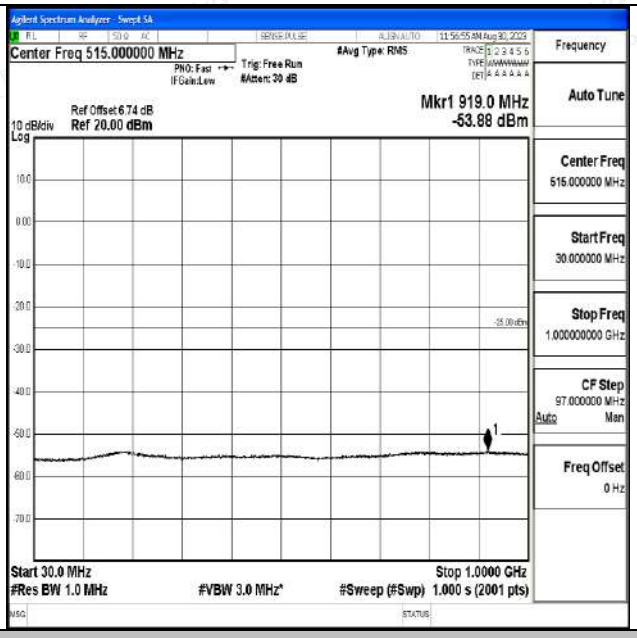
Band7_5MHz_16QAM_21425_1RB#0_20000~27000_20000~27000



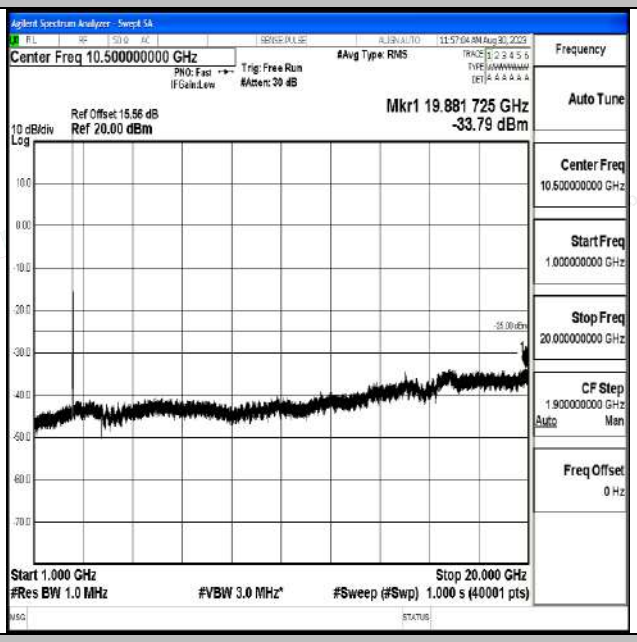
Band7_10MHz_QPSK_20800_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_20800_1RB#0_0.15~30_0.15~30



Band7_10MHz_QPSK_20800_1RB#0_30~1000_30~1000



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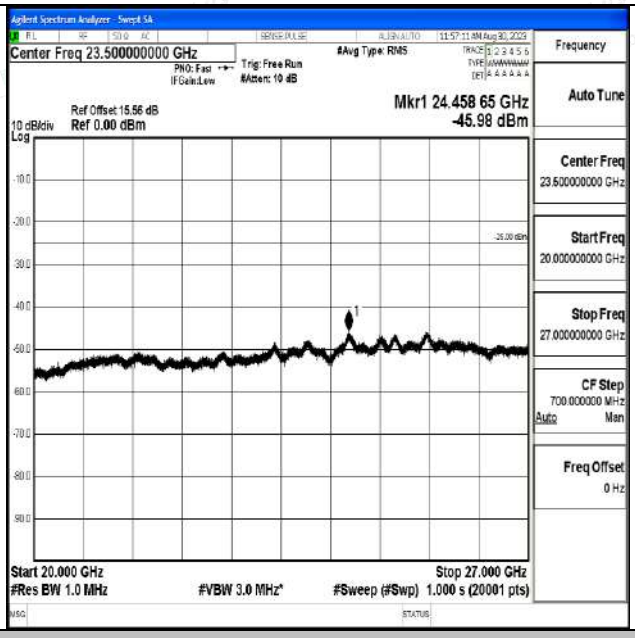
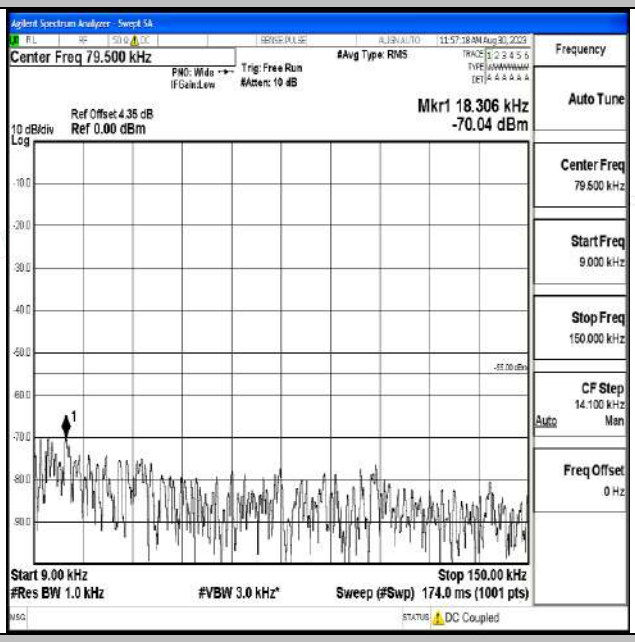
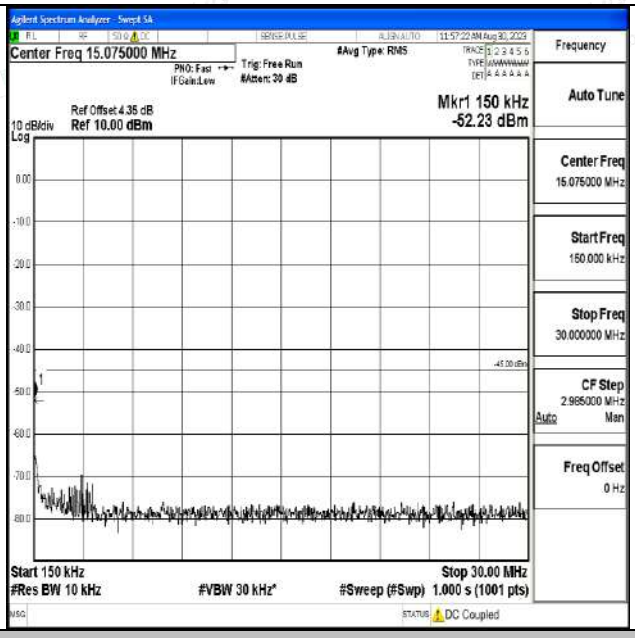


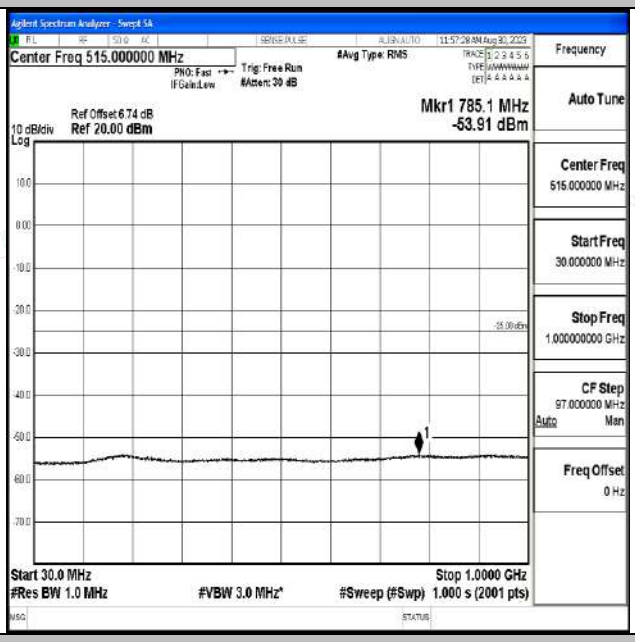
Band7_10MHz_QPSK_20800_1RB#0_20000~27000_20000~27000



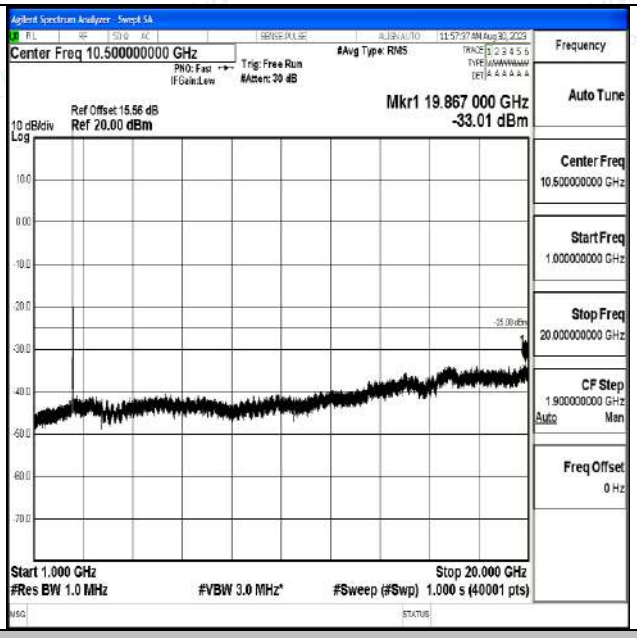
Band7_10MHz_16QAM_20800_1RB#0_0.009~0.15_0.009~0.15



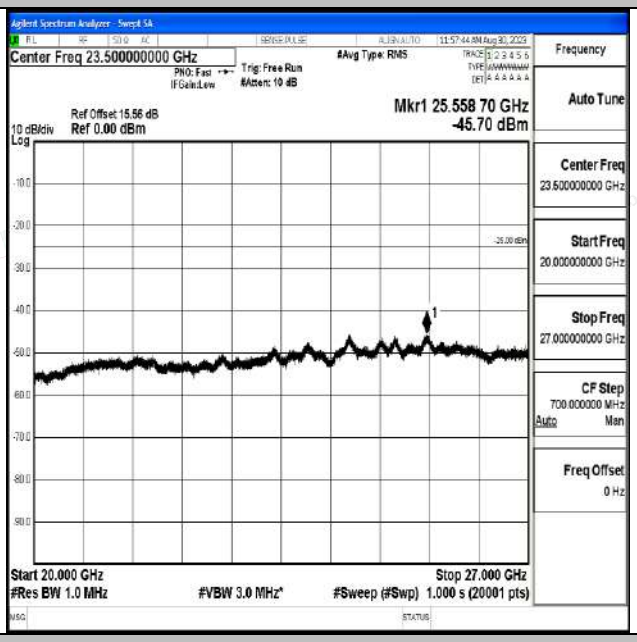
Band7_10MHz_16QAM_20800_1RB#0_0.15~30_0.15~30



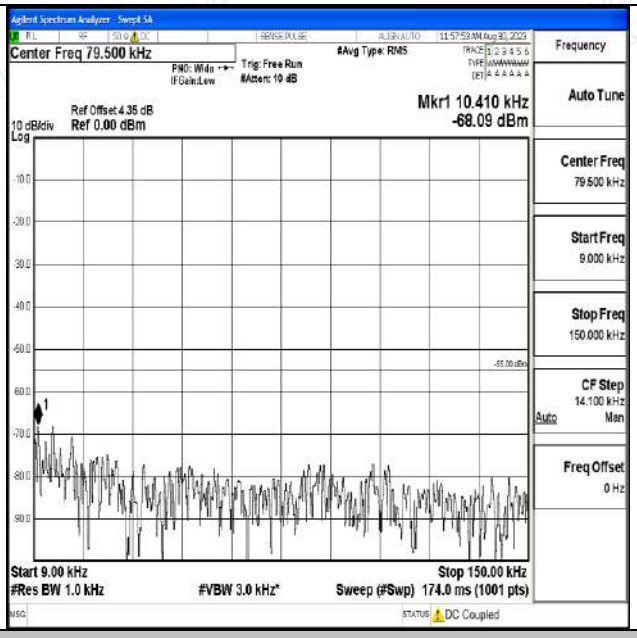
Band7_10MHz_16QAM_20800_1RB#0_30~1000_30~1000



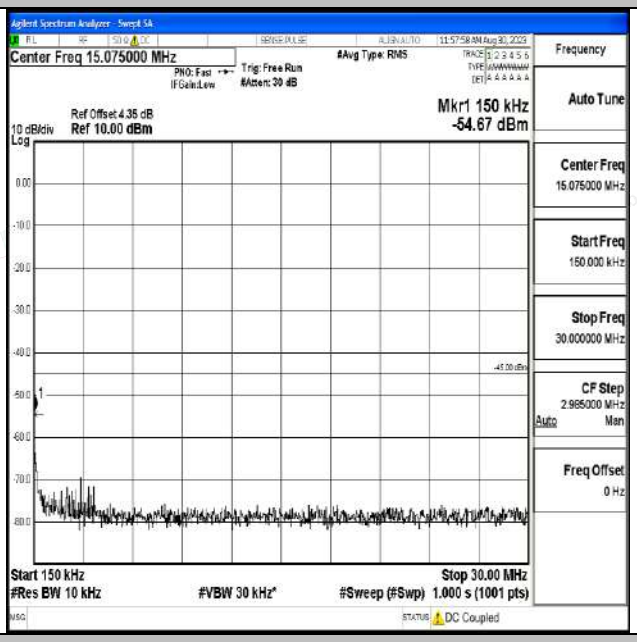
Band7_10MHz_16QAM_20800_1RB#0_1000~20000_1000~20000



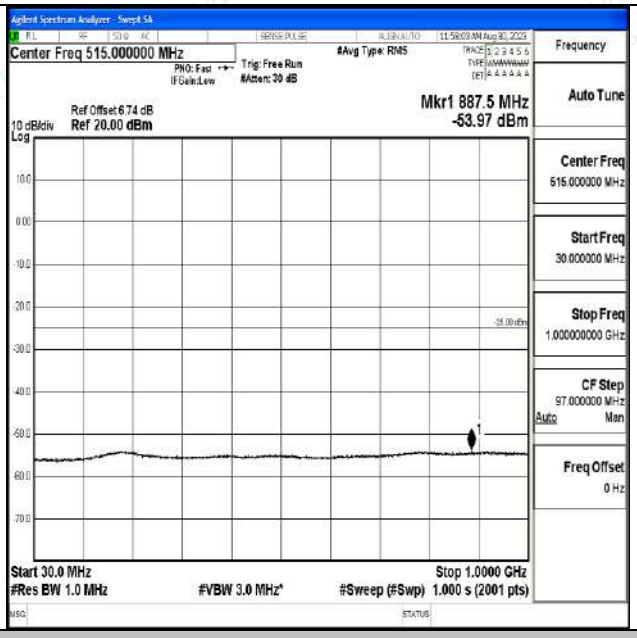
Band7_10MHz_16QAM_20800_1RB#0_20000~27000_20000~27000



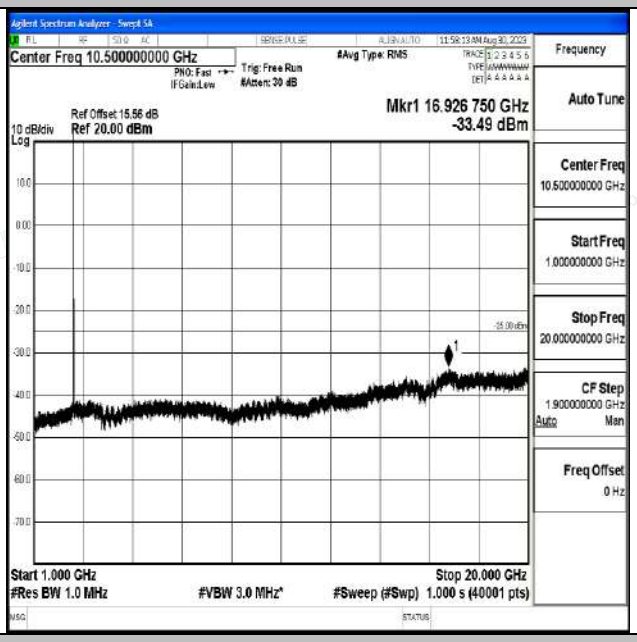
Band7_10MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



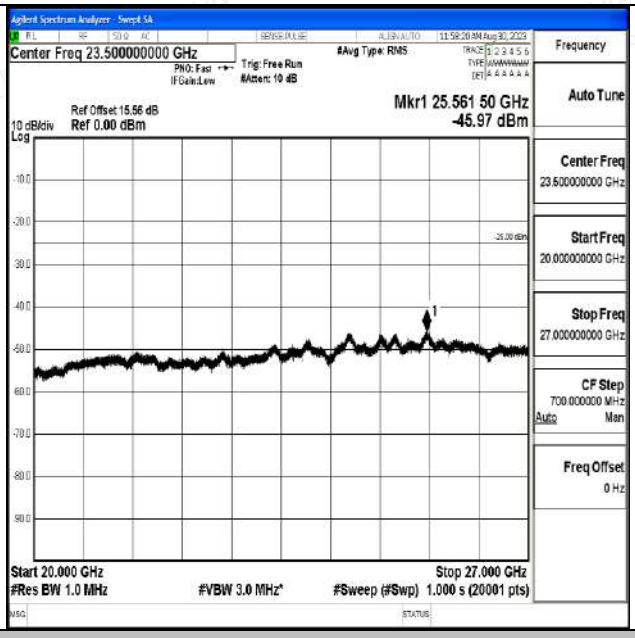
Band7_10MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



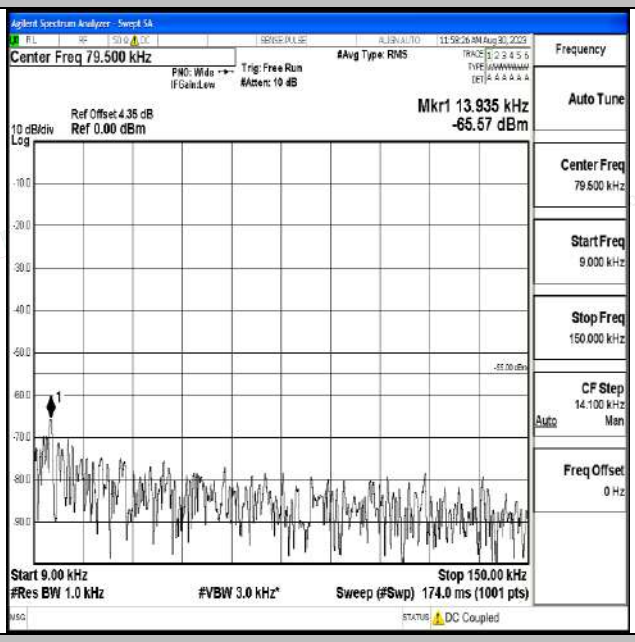
Band7_10MHz_QPSK_21100_1RB#0_30~1000_30~1000



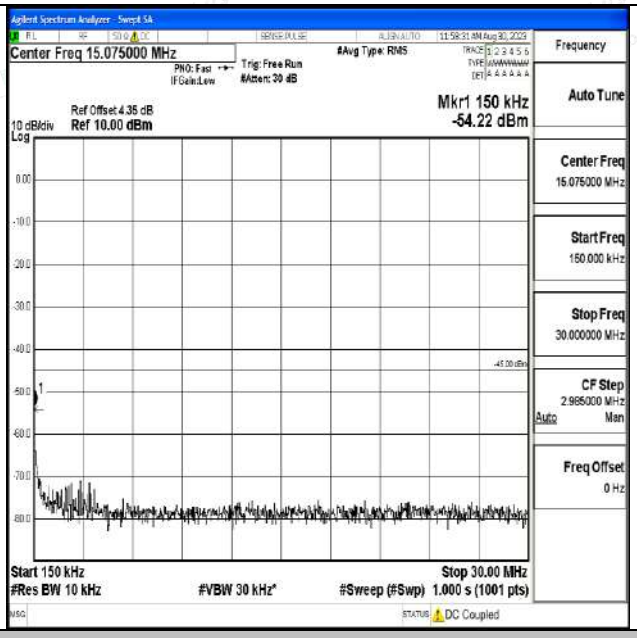
Band7_10MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



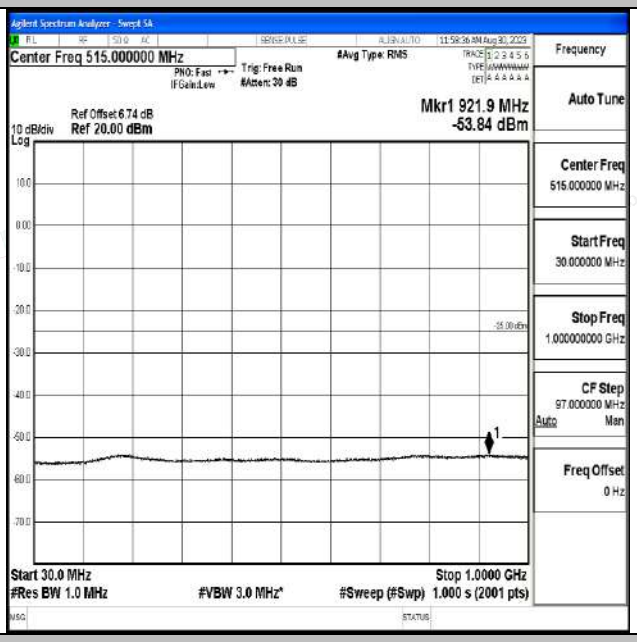
Band7_10MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



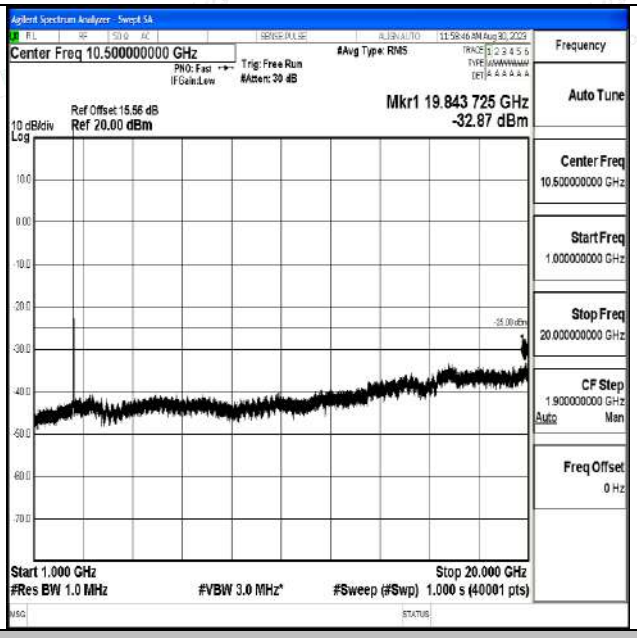
Band7_10MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



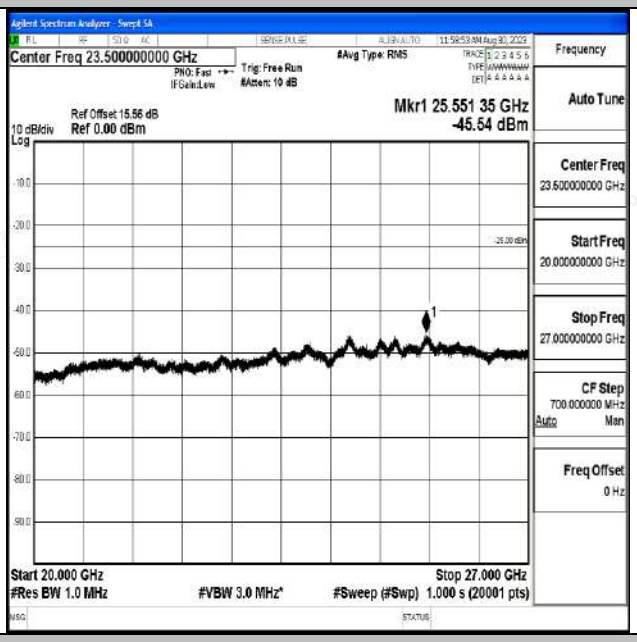
Band7_10MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



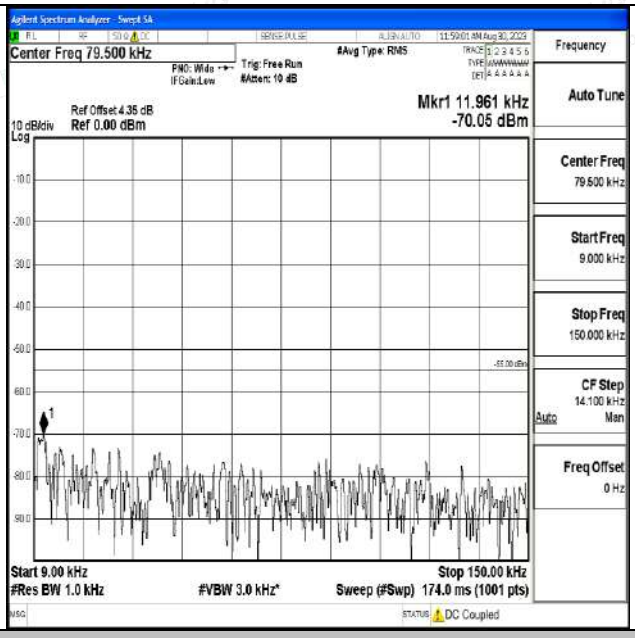
Band7_10MHz_16QAM_21100_1RB#0_30~1000_30~1000



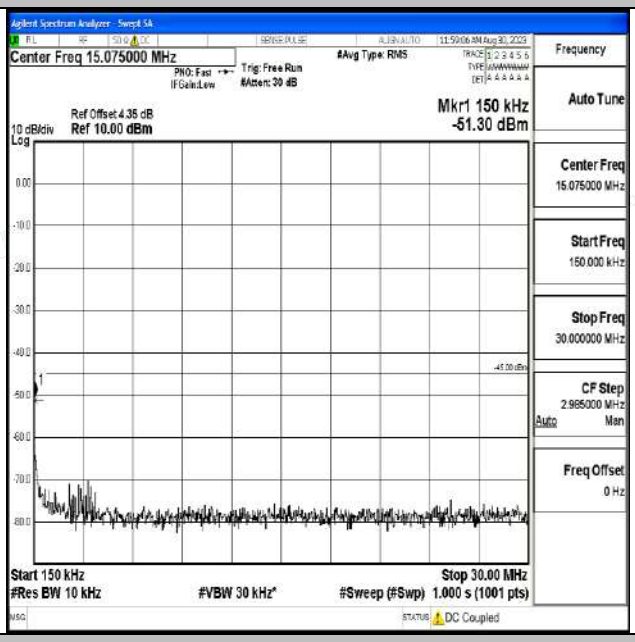
Band7_10MHz_16QAM_21100_1RB#0_1000~20000_1000~20000



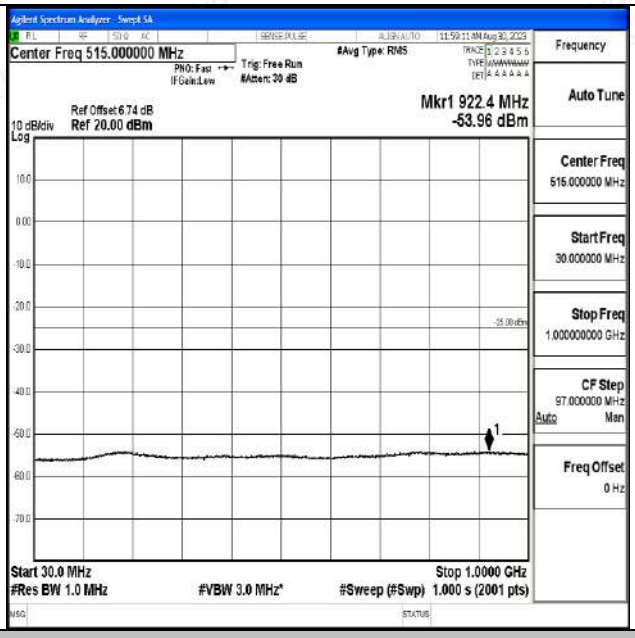
Band7_10MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



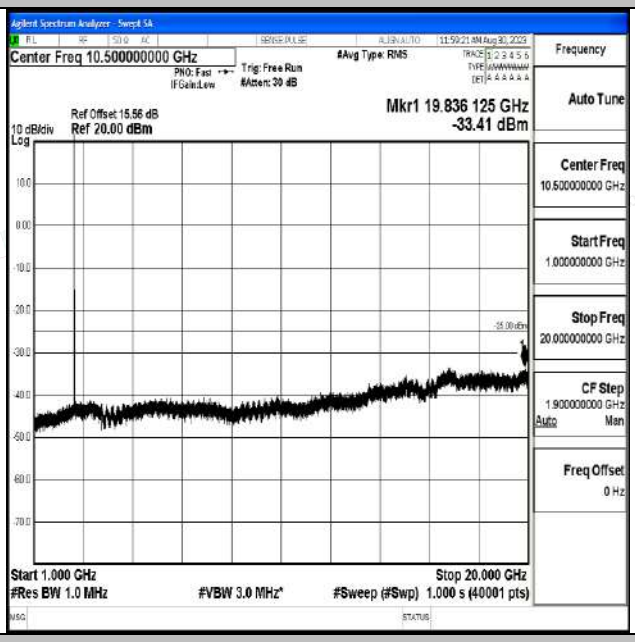
Band7_10MHz_QPSK_21400_1RB#0_0.009~0.15_0.009~0.15



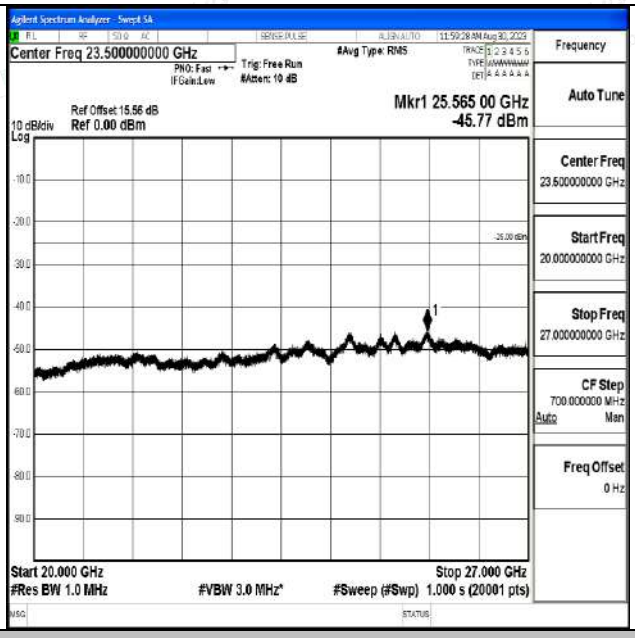
Band7_10MHz_QPSK_21400_1RB#0_0.15~30_0.15~30



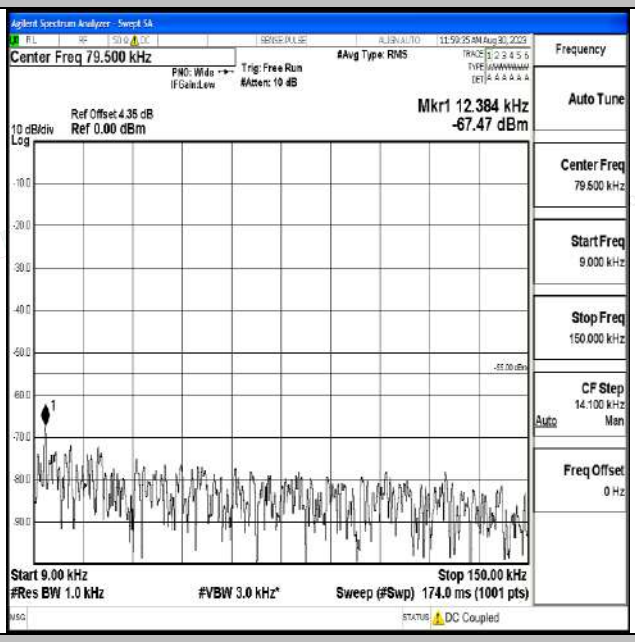
Band7_10MHz_QPSK_21400_1RB#0_30~1000_30~1000



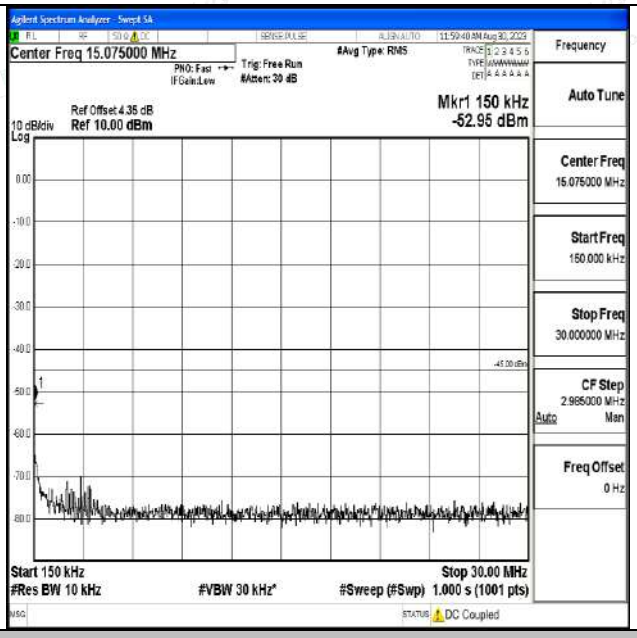
Band7_10MHz_QPSK_21400_1RB#0_1000~20000_1000~20000



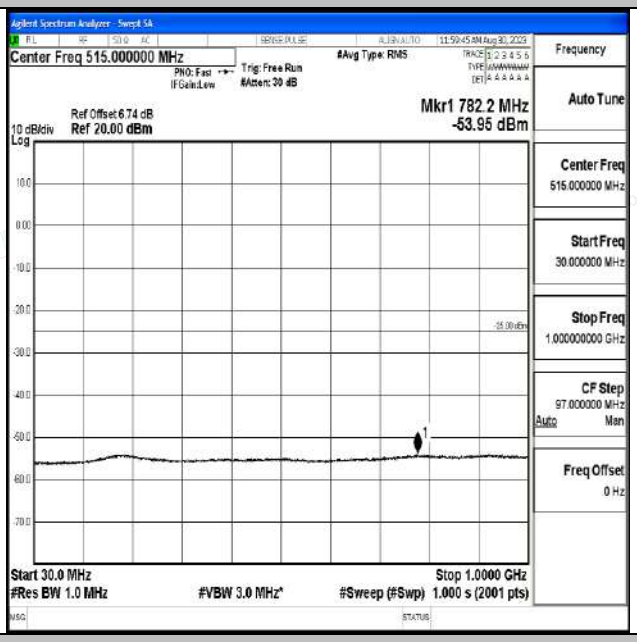
Band7_10MHz_QPSK_21400_1RB#0_20000~27000_20000~27000



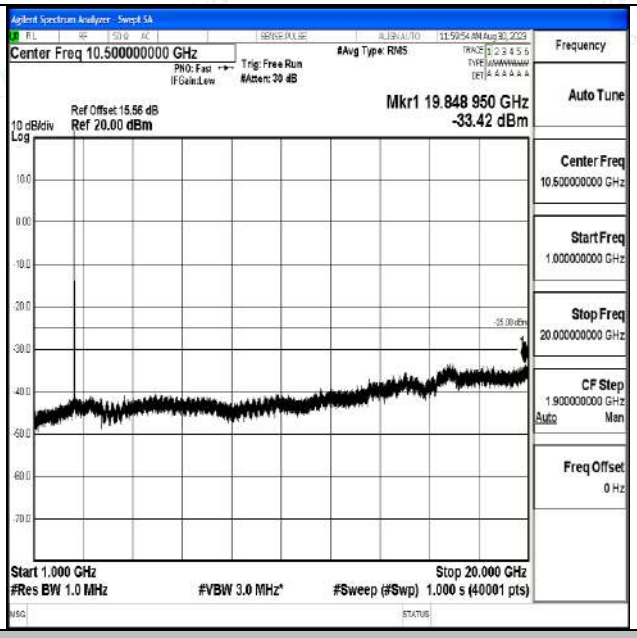
Band7_10MHz_16QAM_21400_1RB#0_0.009~0.15_0.009~0.15



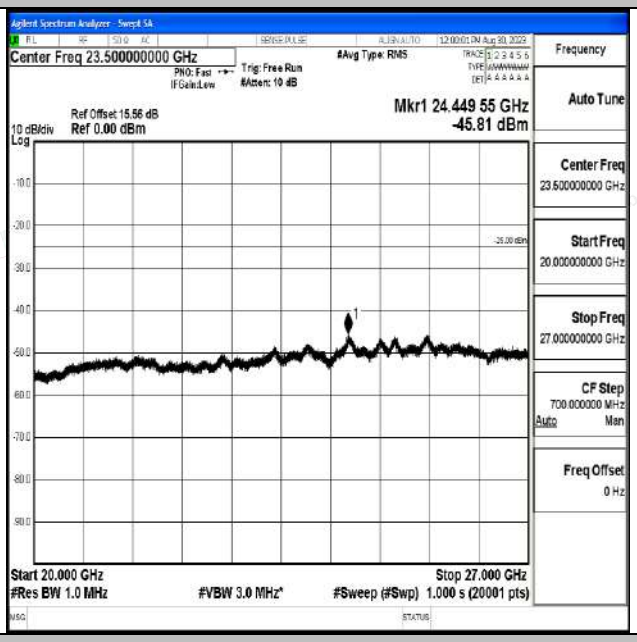
Band7_10MHz_16QAM_21400_1RB#0_0.15~30_0.15~30



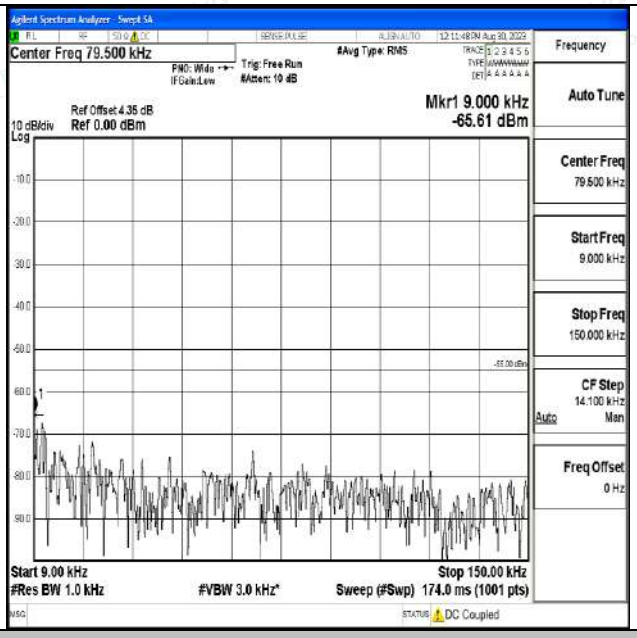
Band7_10MHz_16QAM_21400_1RB#0_30~1000_30~1000



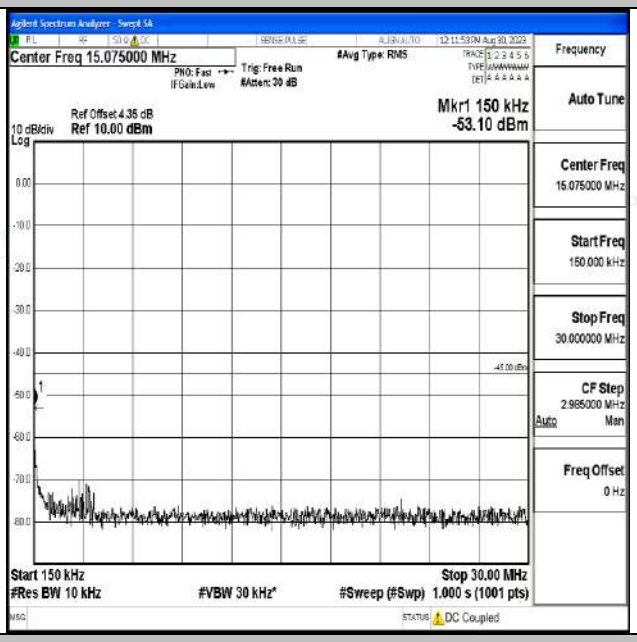
Band7_10MHz_16QAM_21400_1RB#0_1000~20000_1000~20000



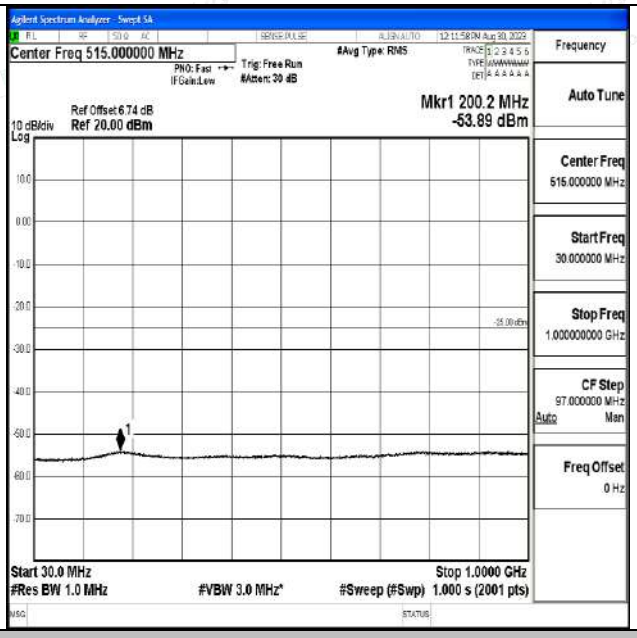
Band7_10MHz_16QAM_21400_1RB#0_20000~27000_20000~27000



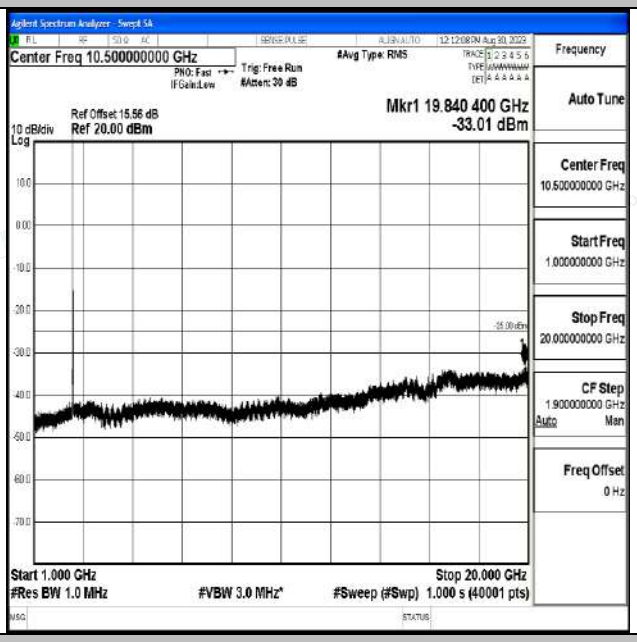
Band7_15MHz_QPSK_20825_1RB#0_0.009~0.15_0.009~0.15



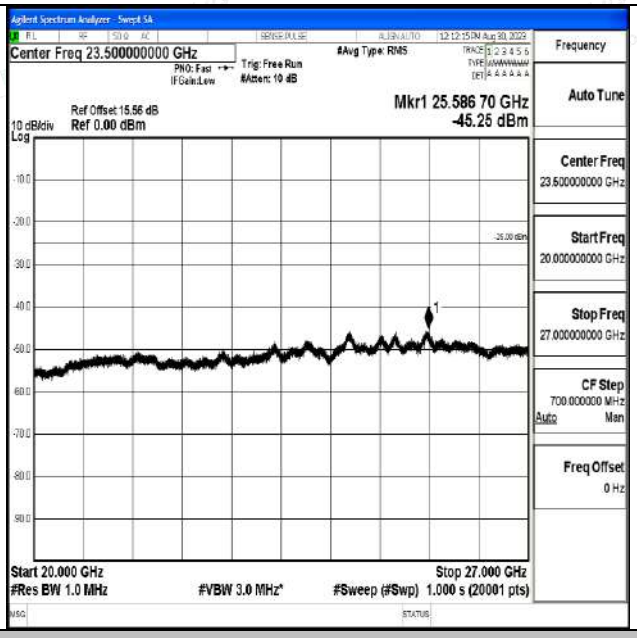
Band7_15MHz_QPSK_20825_1RB#0_0.15~30_0.15~30



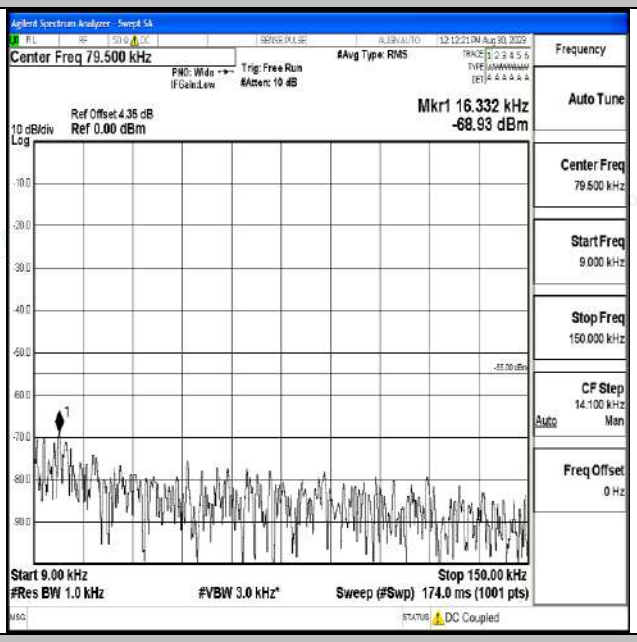
Band7_15MHz_QPSK_20825_1RB#0_30~1000_30~1000



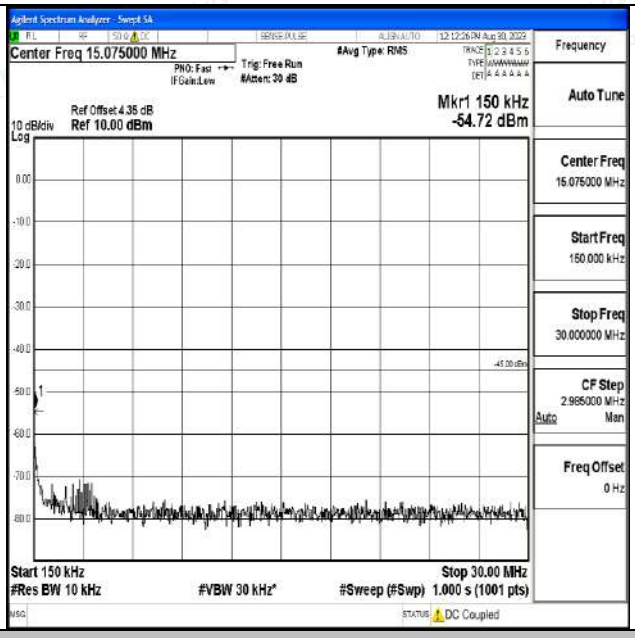
Band7_15MHz_QPSK_20825_1RB#0_1000~20000_1000~20000



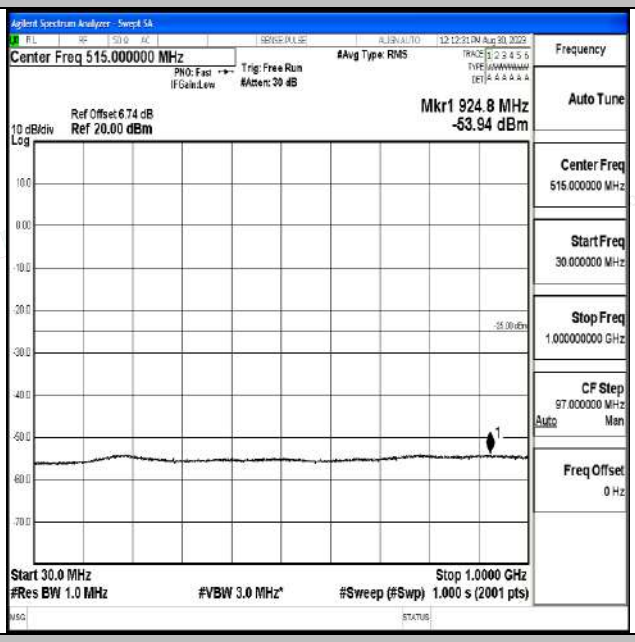
Band7_15MHz_QPSK_20825_1RB#0_20000~27000_20000~27000



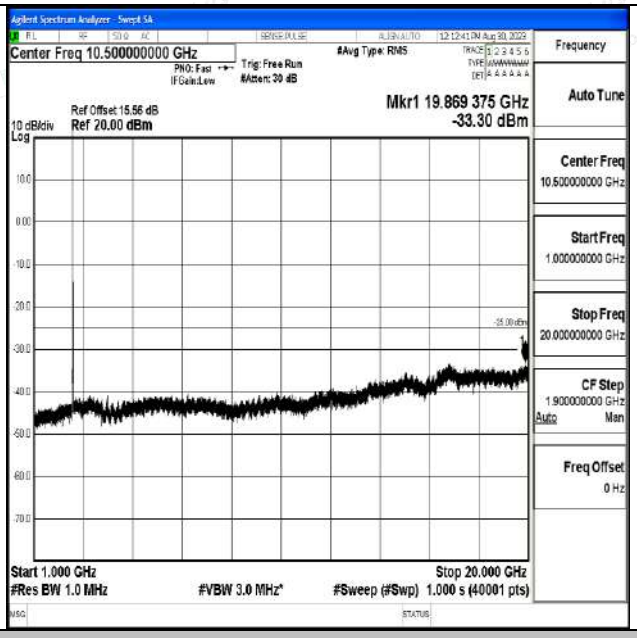
Band7_15MHz_16QAM_20825_1RB#0_0.009~0.15_0.009~0.15



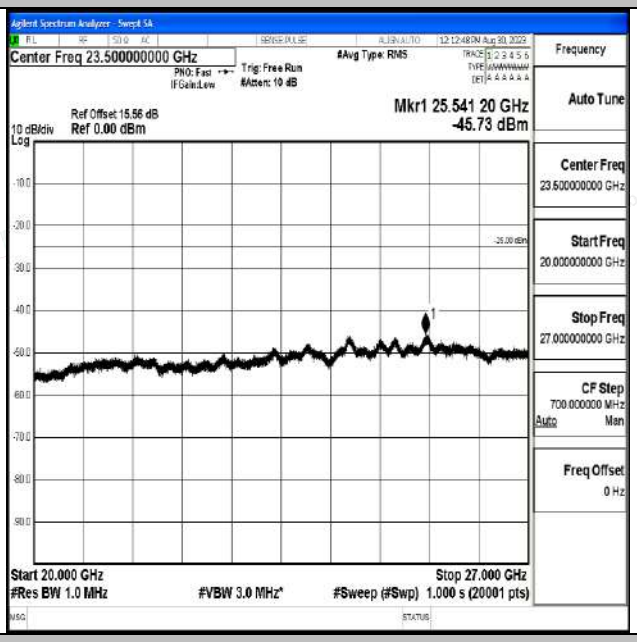
Band7_15MHz_16QAM_20825_1RB#0_0.15~30_0.15~30



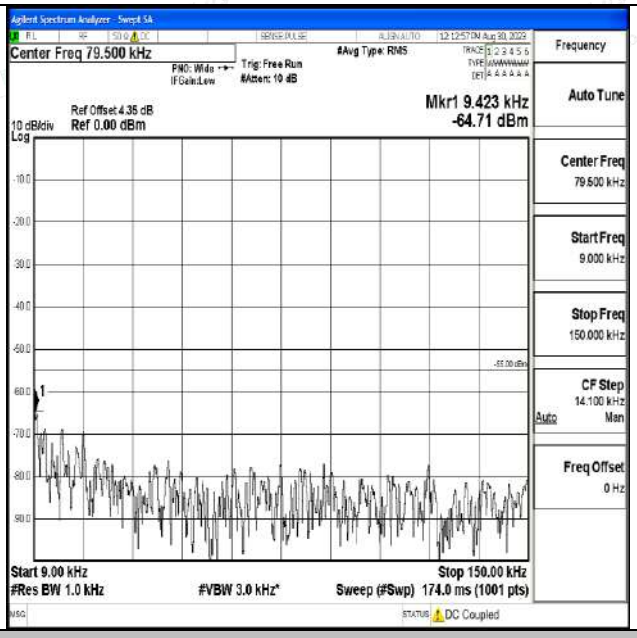
Band7_15MHz_16QAM_20825_1RB#0_30~1000_30~1000



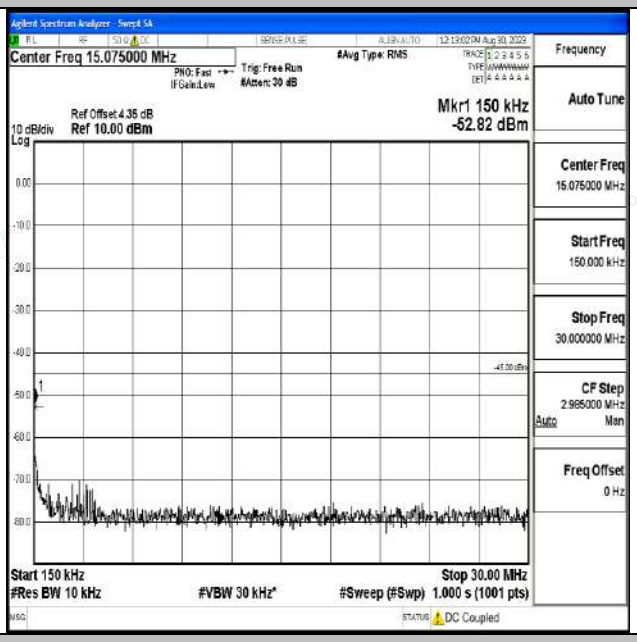
Band7_15MHz_16QAM_20825_1RB#0_1000~20000_1000~20000



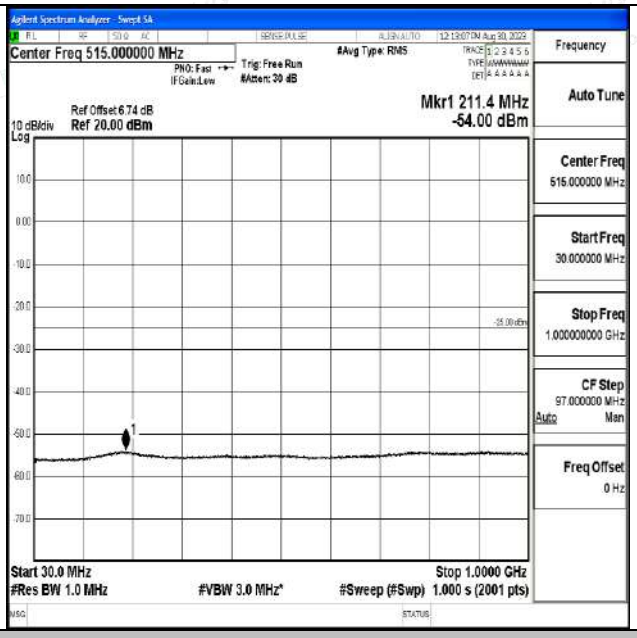
Band7_15MHz_16QAM_20825_1RB#0_20000~27000_20000~27000



Band7_15MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_15MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



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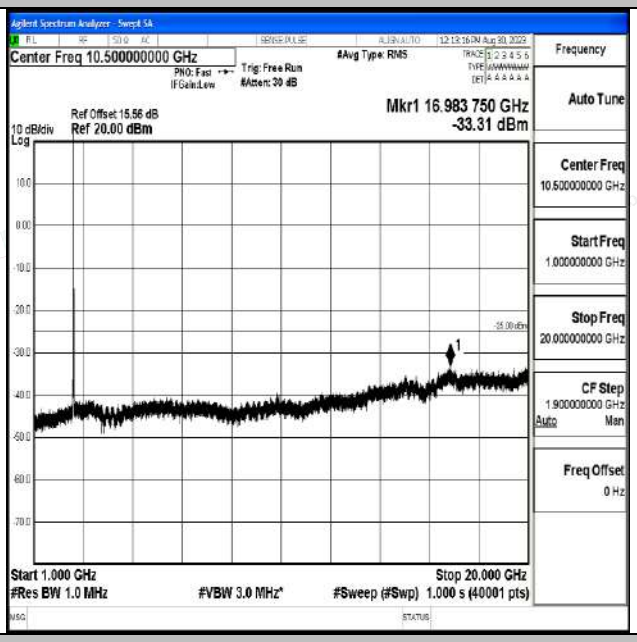

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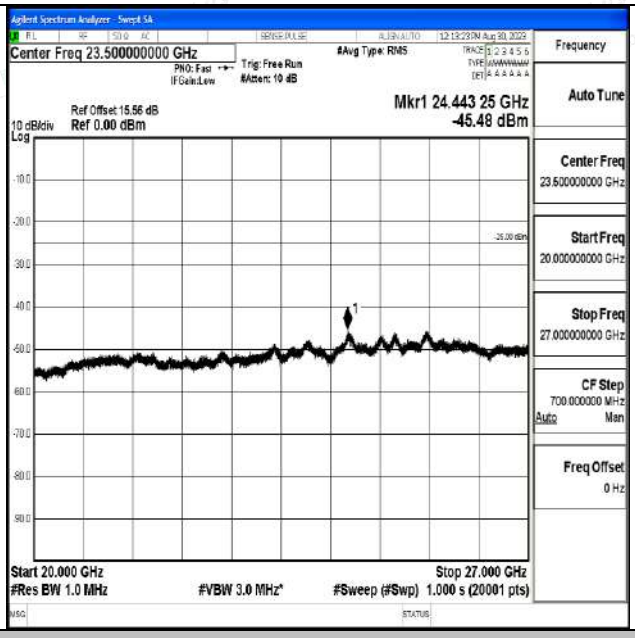
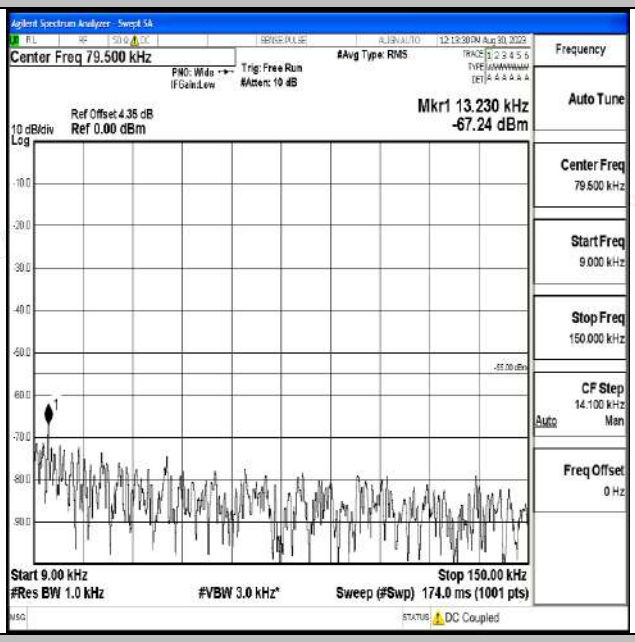


Band7_15MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



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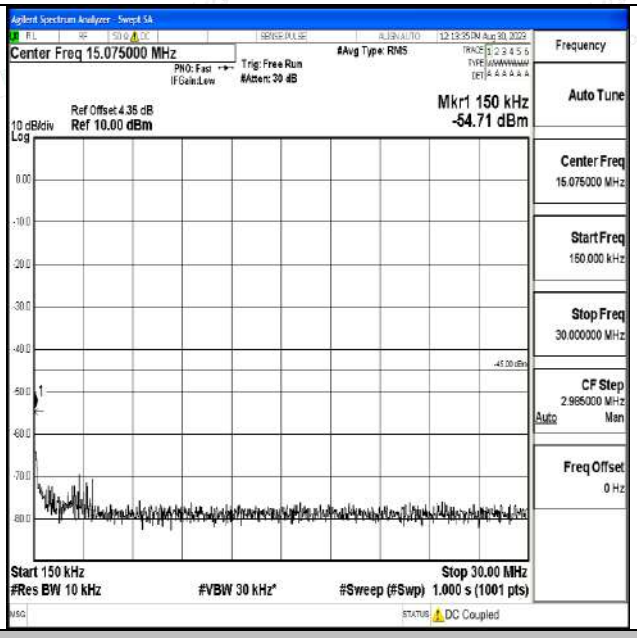
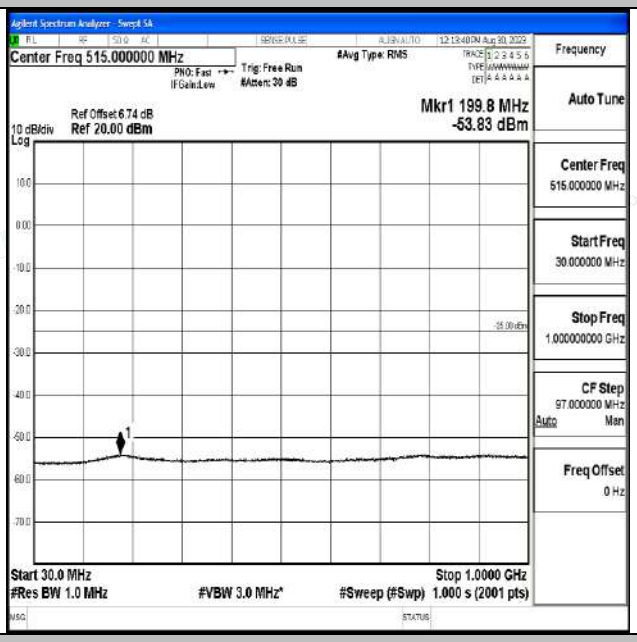


Band7_15MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



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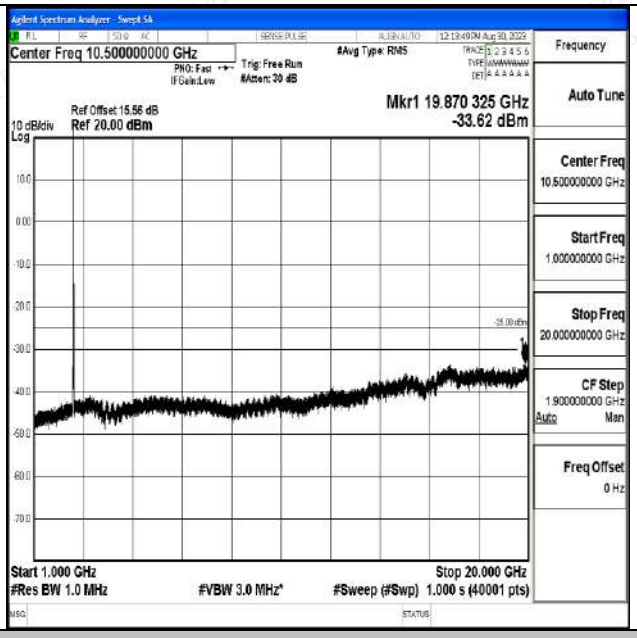

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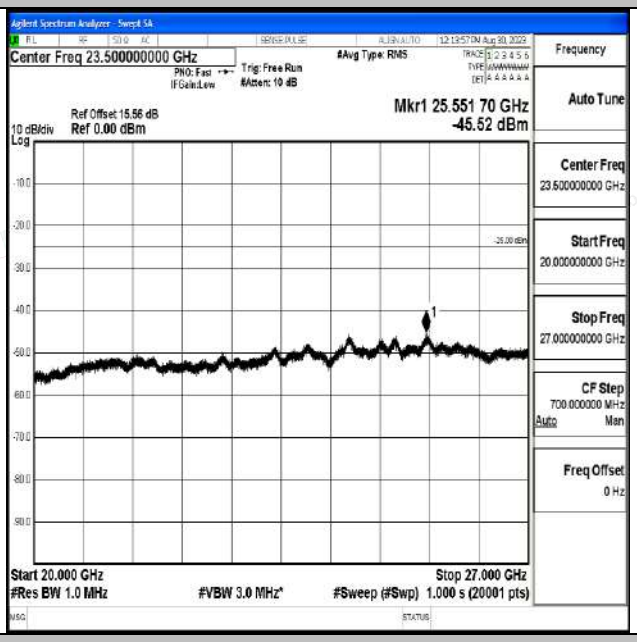
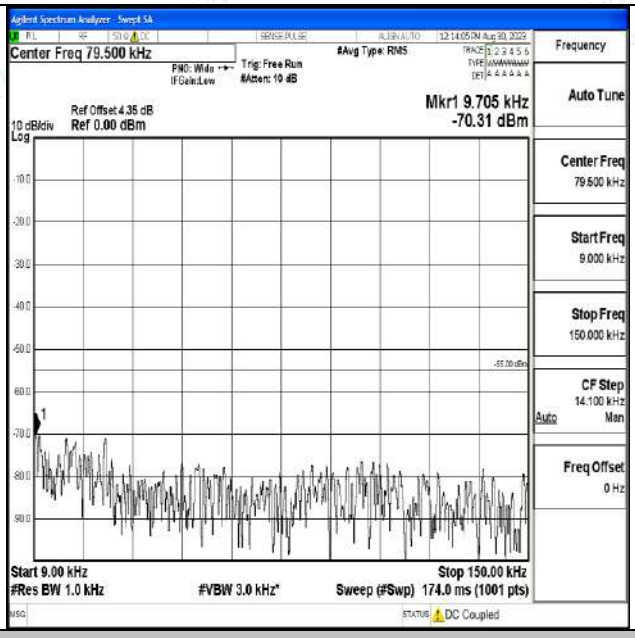


Band7_15MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



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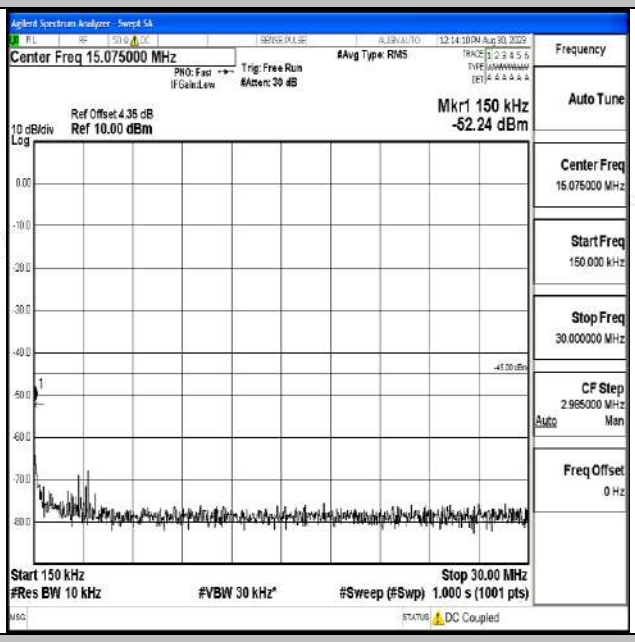

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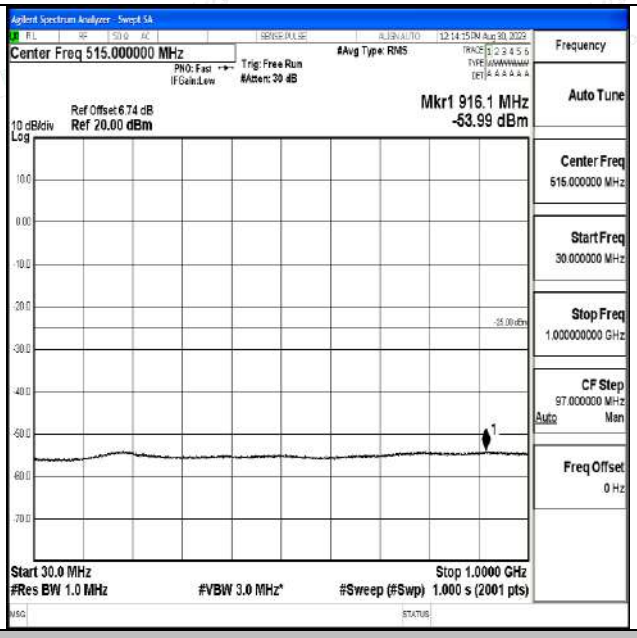

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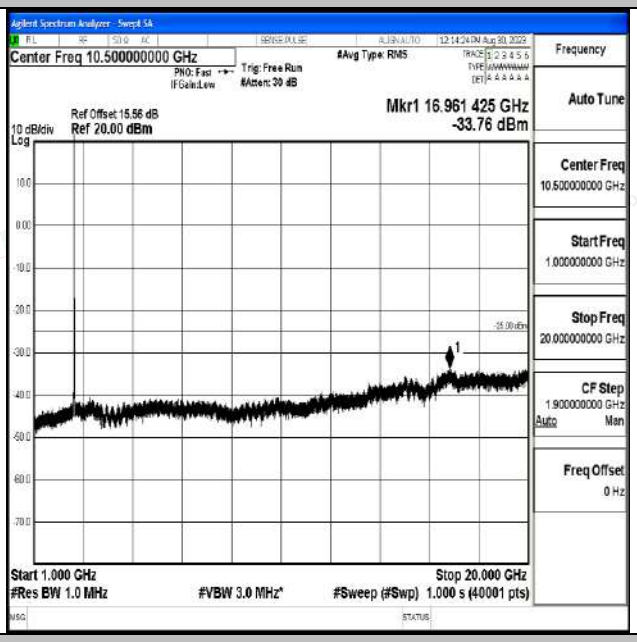
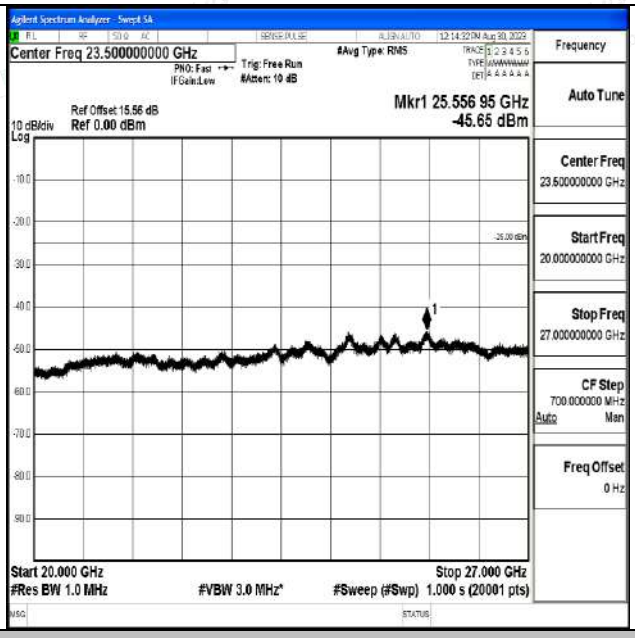
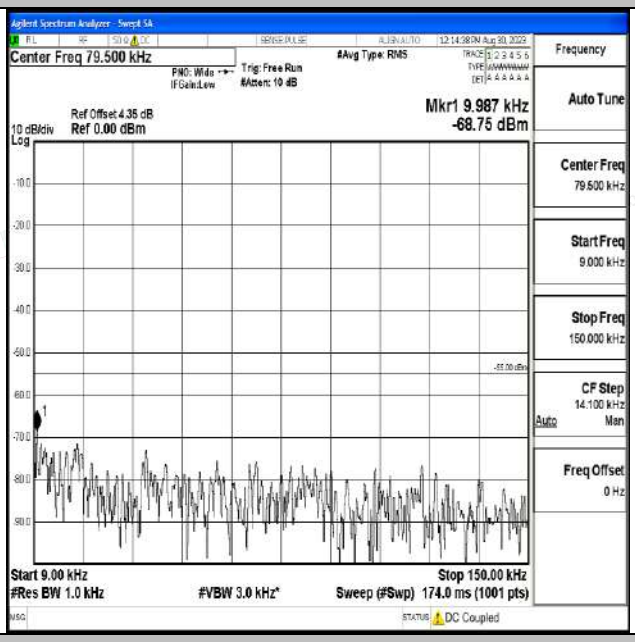


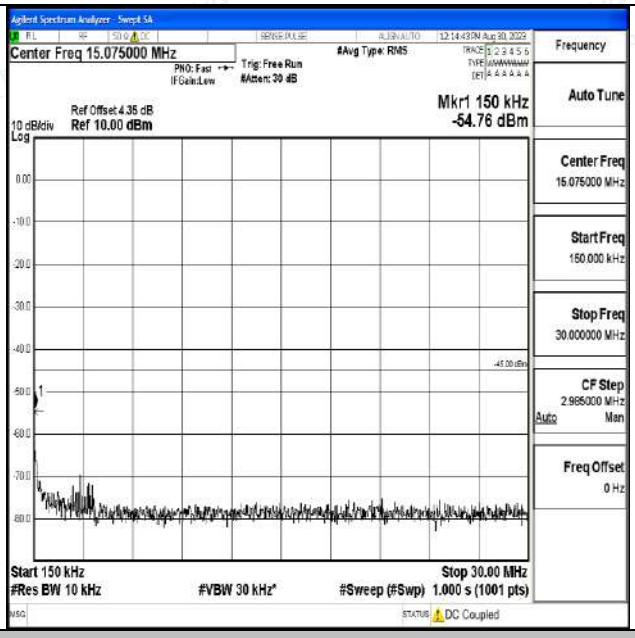
Band7_15MHz_QPSK_21375_1RB#0_1000~20000_1000~20000



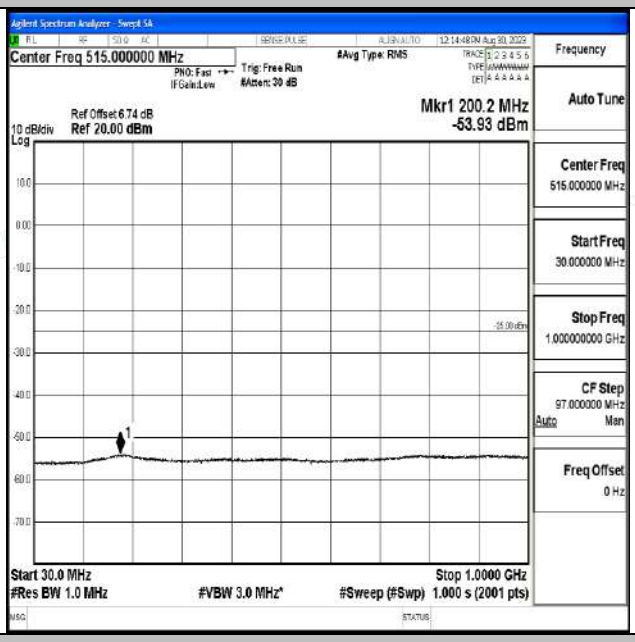
Band7_15MHz_QPSK_21375_1RB#0_20000~27000_20000~27000



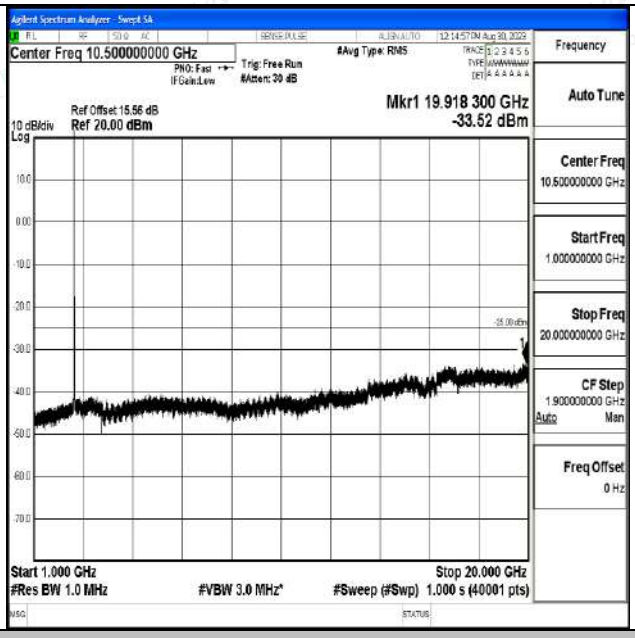
Band7_15MHz_16QAM_21375_1RB#0_0.009~0.15_0.009~0.15



Band7_15MHz_16QAM_21375_1RB#0_0.15~30_0.15~30



Band7_15MHz_16QAM_21375_1RB#0_30~1000_30~1000



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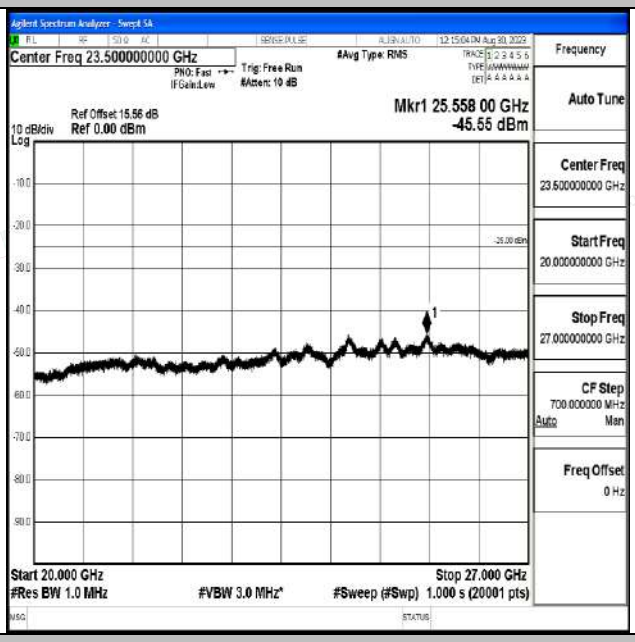
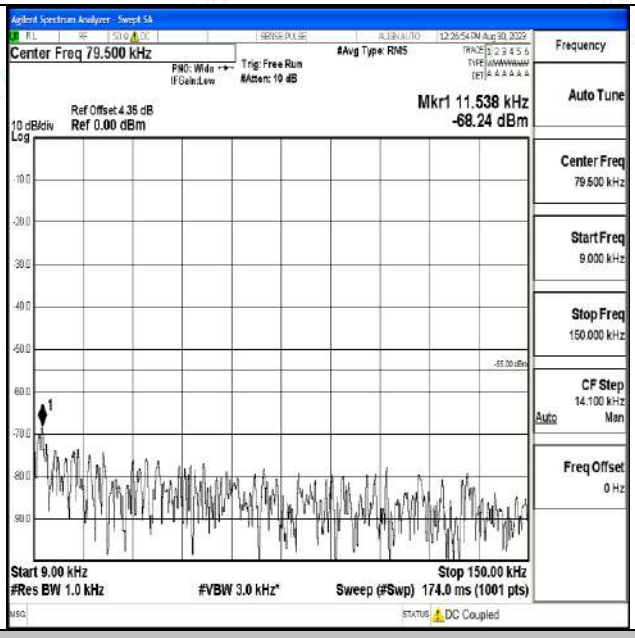


Band7_15MHz_16QAM_21375_1RB#0_20000~27000_20000~27000



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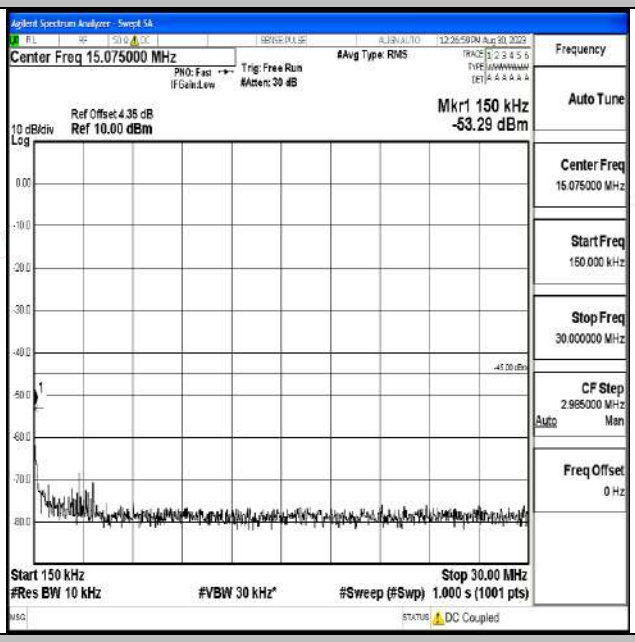

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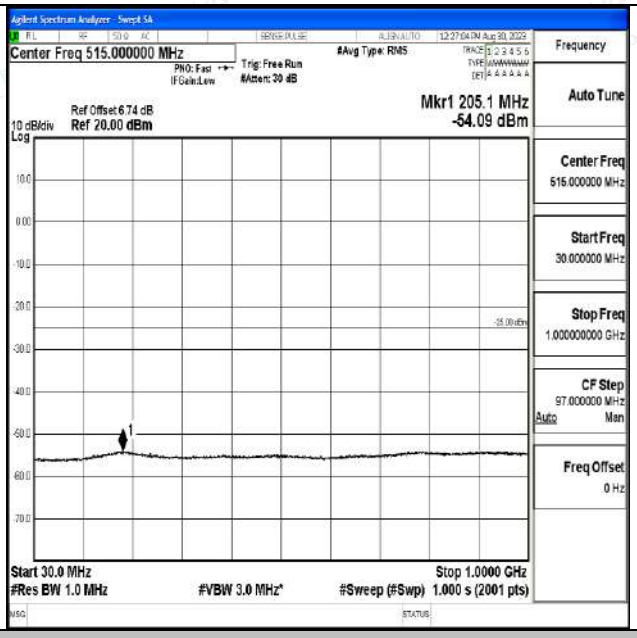

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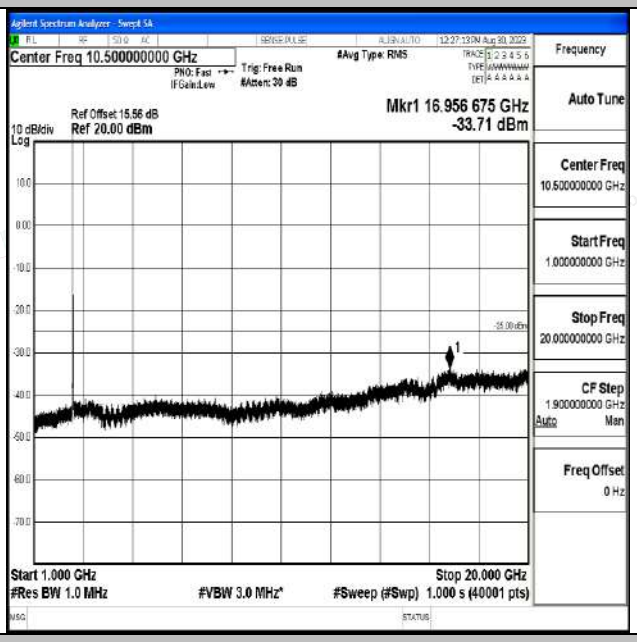

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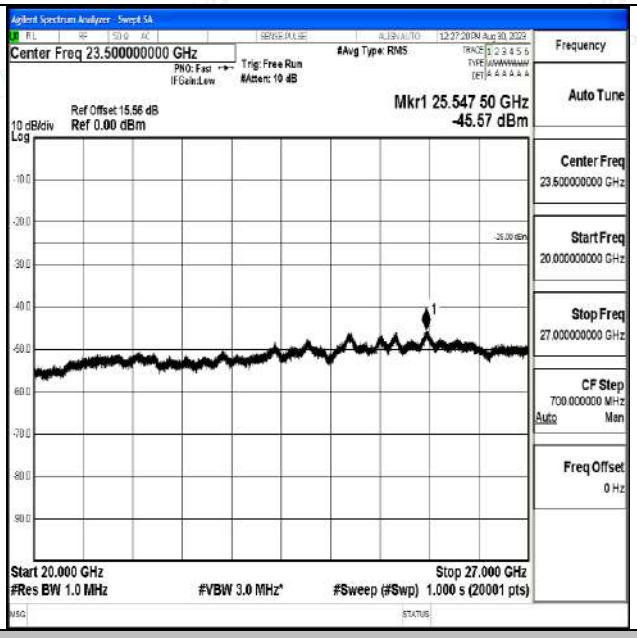
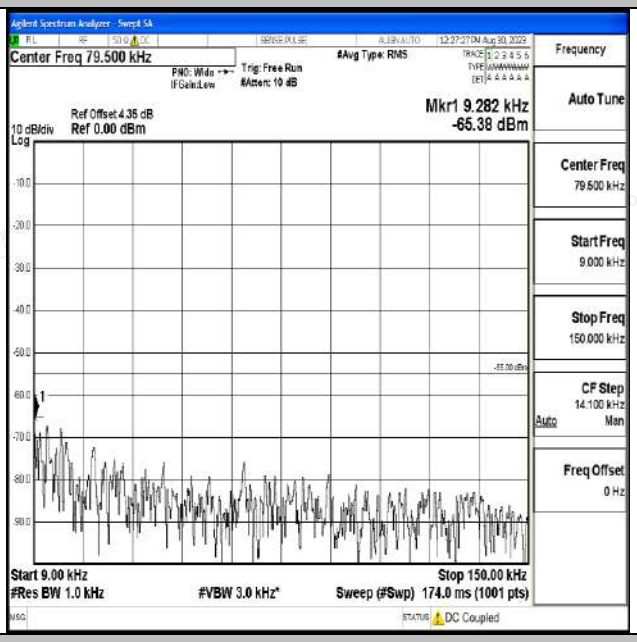
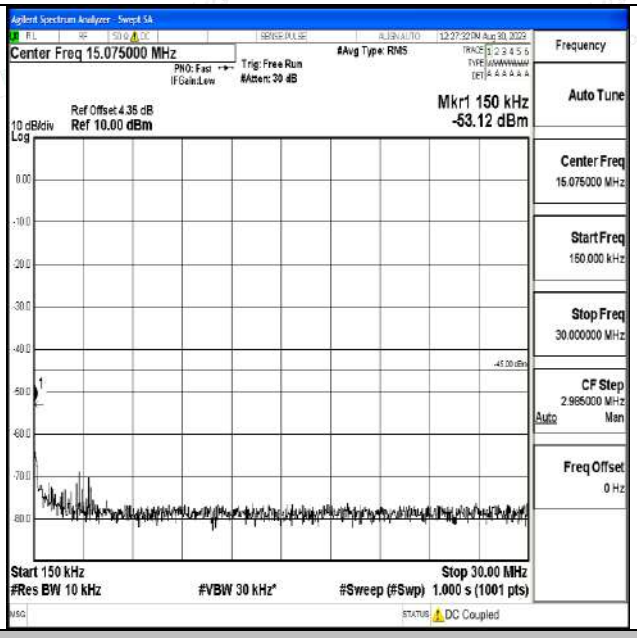


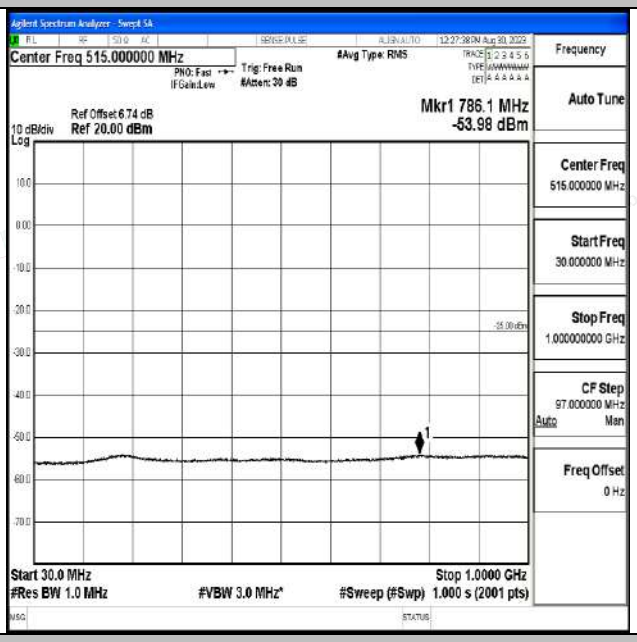
Band7_20MHz_QPSK_20850_1RB#0_20000~27000_20000~27000



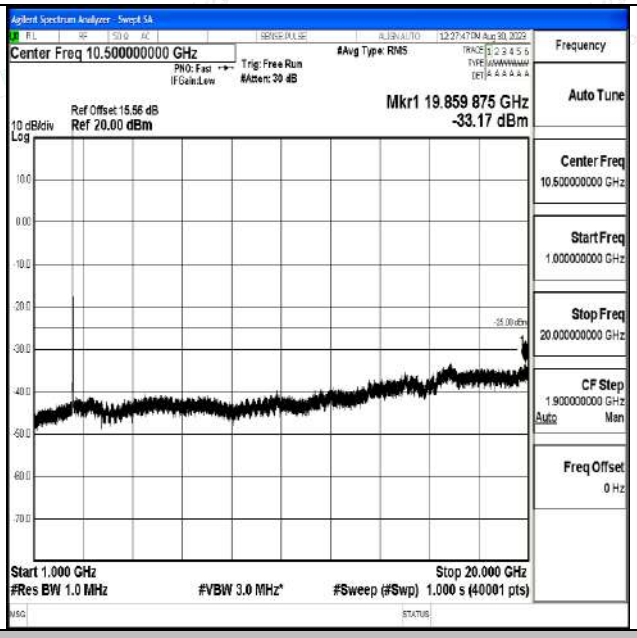
Band7_20MHz_16QAM_20850_1RB#0_0.009~0.15_0.009~0.15



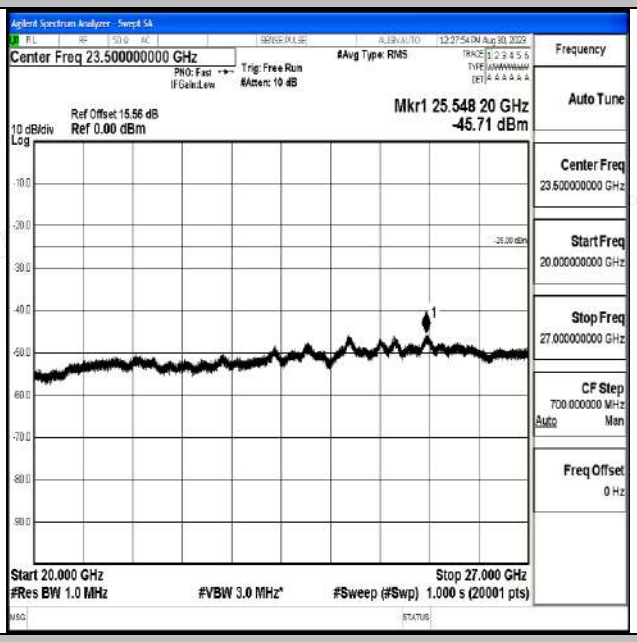
Band7_20MHz_16QAM_20850_1RB#0_0.15~30_0.15~30



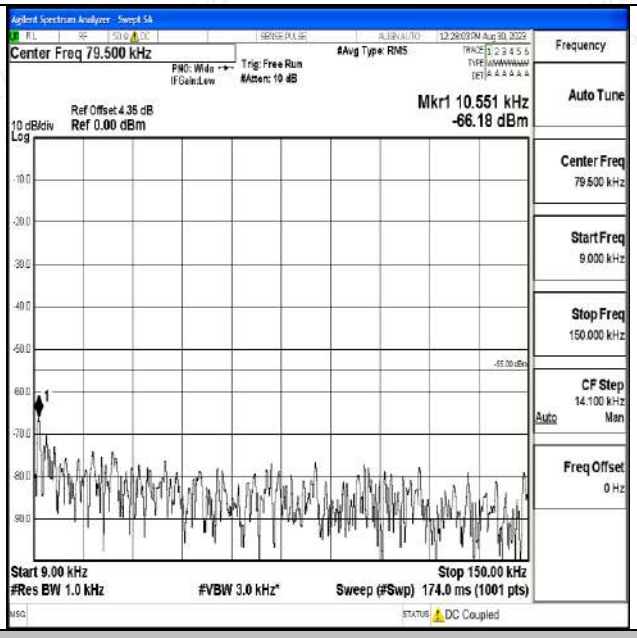
Band7_20MHz_16QAM_20850_1RB#0_30~1000_30~1000



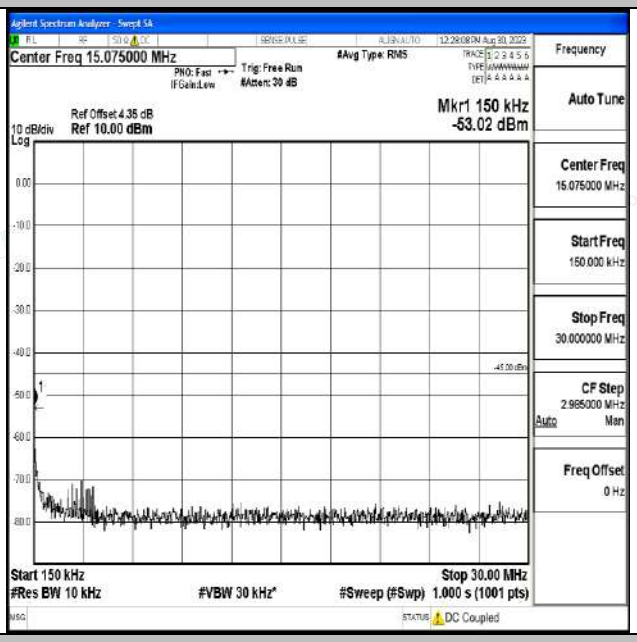
Band7_20MHz_16QAM_20850_1RB#0_1000~20000_1000~20000



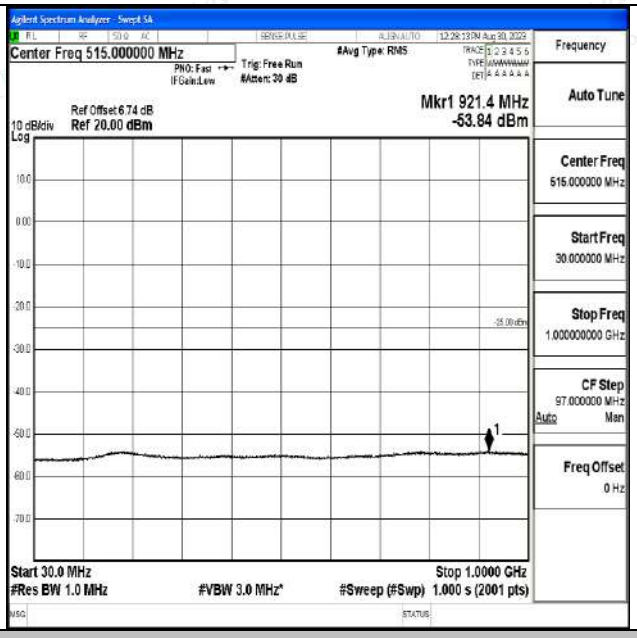
Band7_20MHz_16QAM_20850_1RB#0_20000~27000_20000~27000



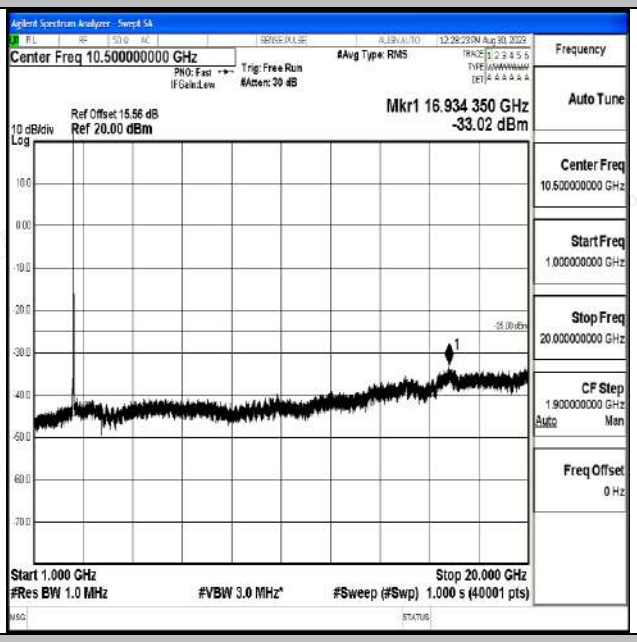
Band7_20MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



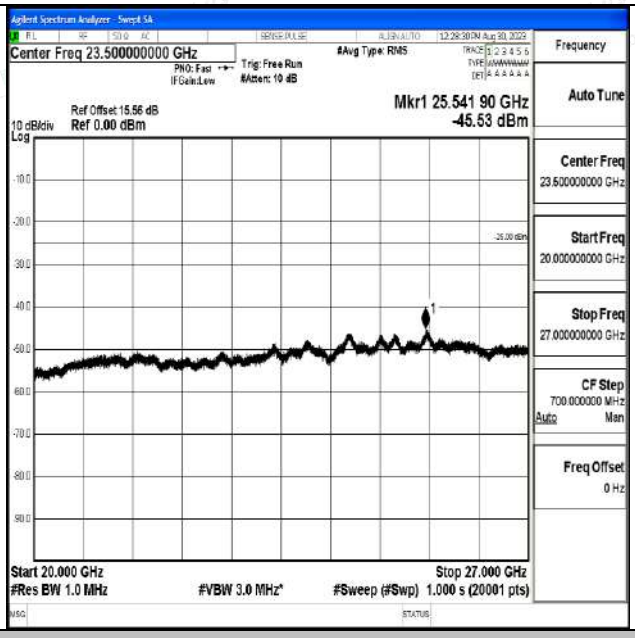
Band7_20MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



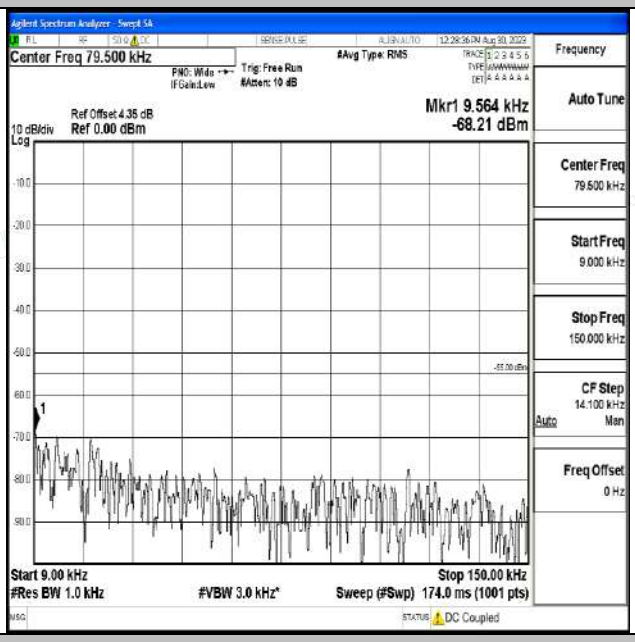
Band7_20MHz_QPSK_21100_1RB#0_30~1000_30~1000



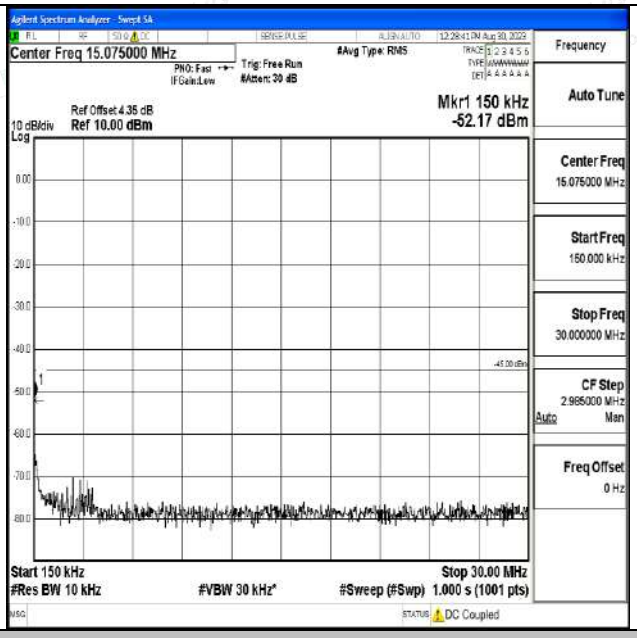
Band7_20MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



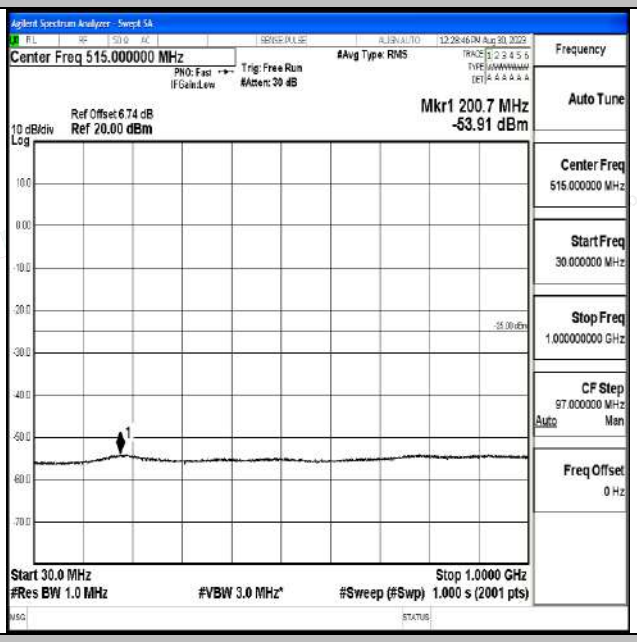
Band7_20MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



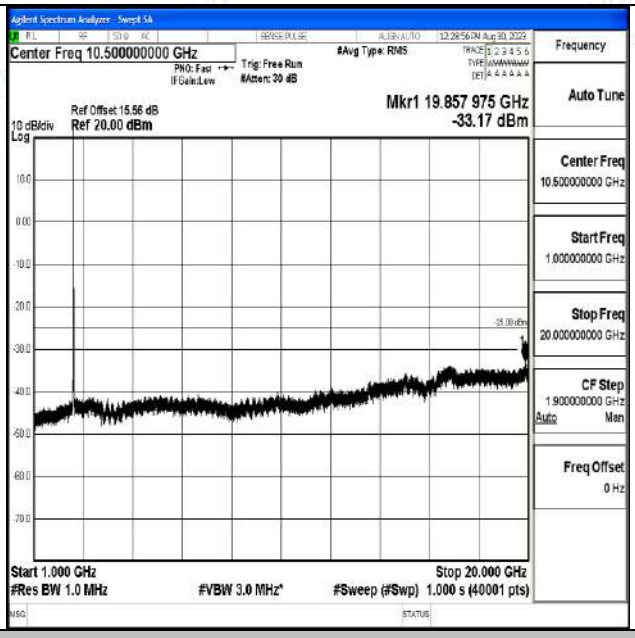
Band7_20MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



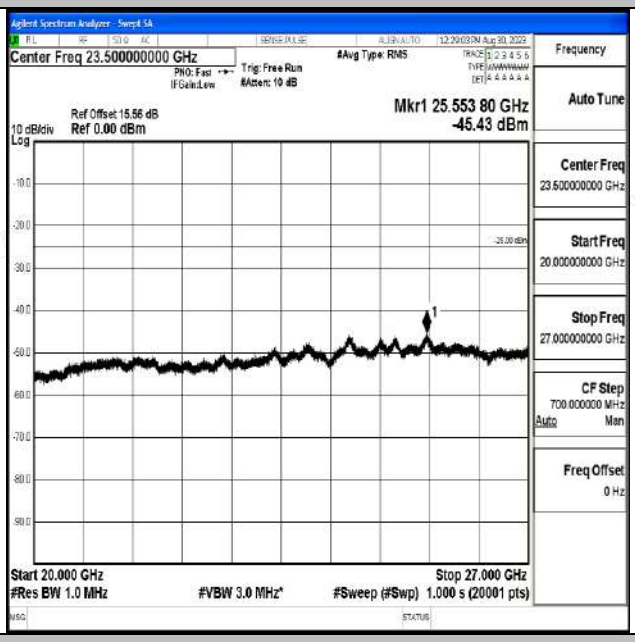
Band7_20MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



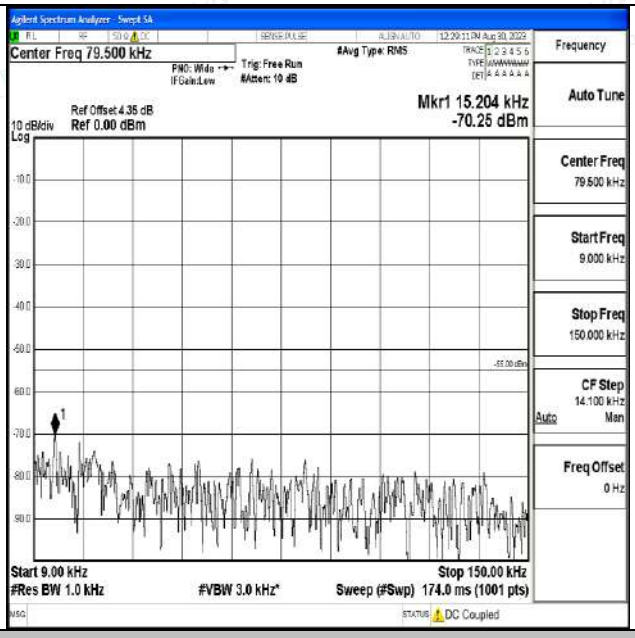
Band7_20MHz_16QAM_21100_1RB#0_30~1000_30~1000



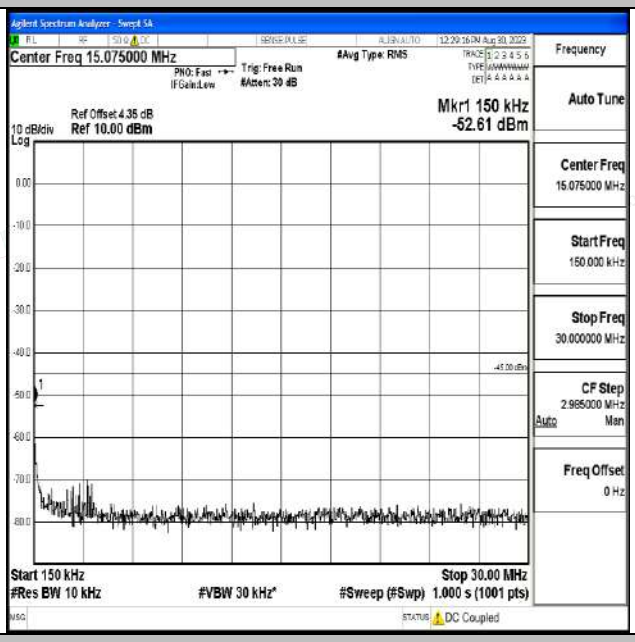
Band7_20MHz_16QAM_21100_1RB#0_1000~20000_1000~20000



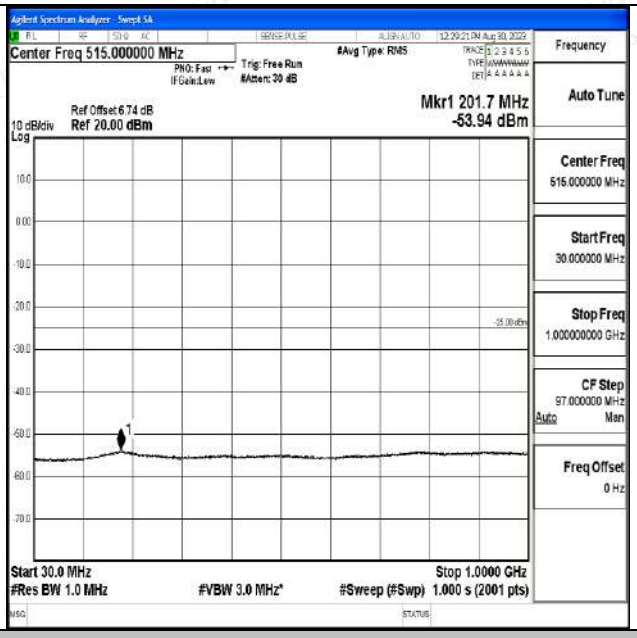
Band7_20MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



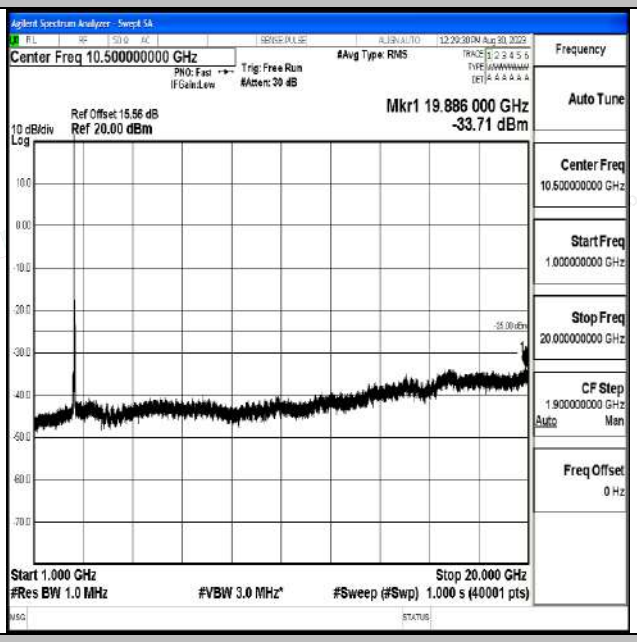
Band7_20MHz_QPSK_21350_1RB#0_0.009~0.15_0.009~0.15



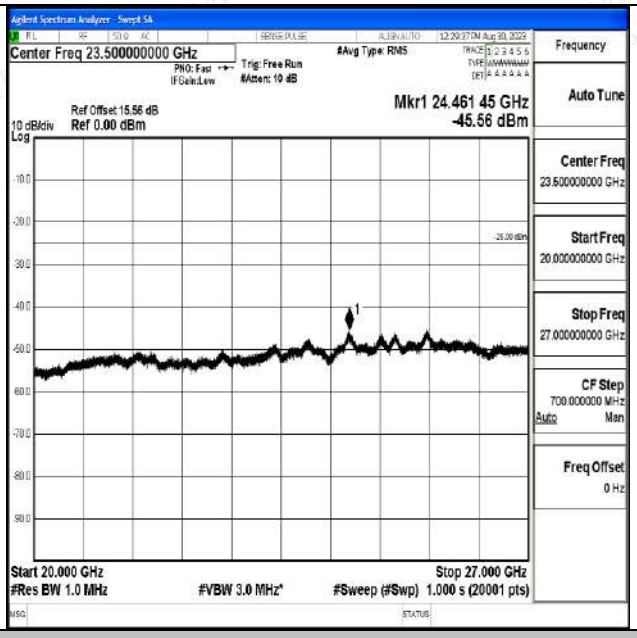
Band7_20MHz_QPSK_21350_1RB#0_0.15~30_0.15~30



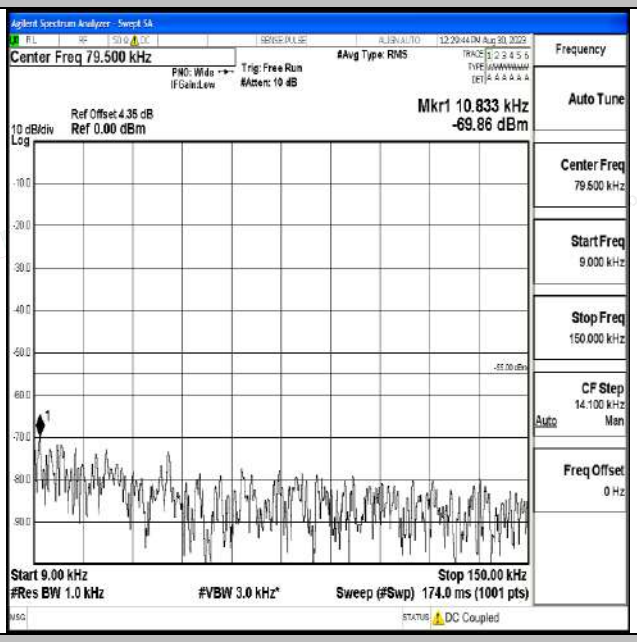
Band7_20MHz_QPSK_21350_1RB#0_30~1000_30~1000



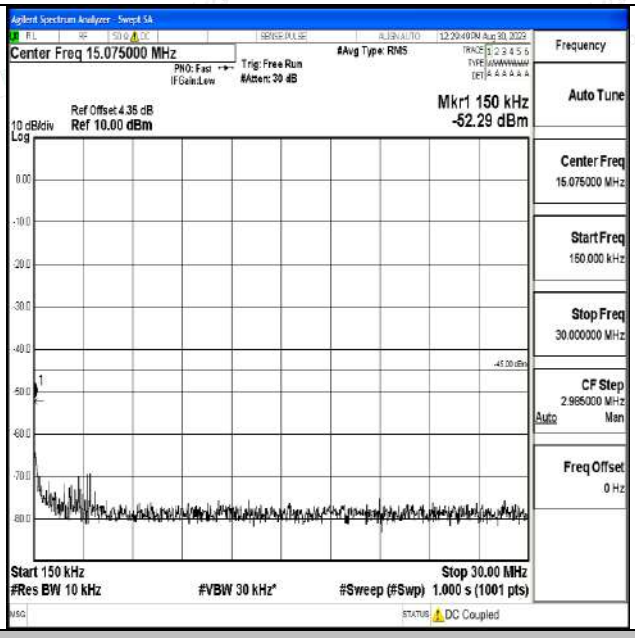
Band7_20MHz_QPSK_21350_1RB#0_1000~20000_1000~20000



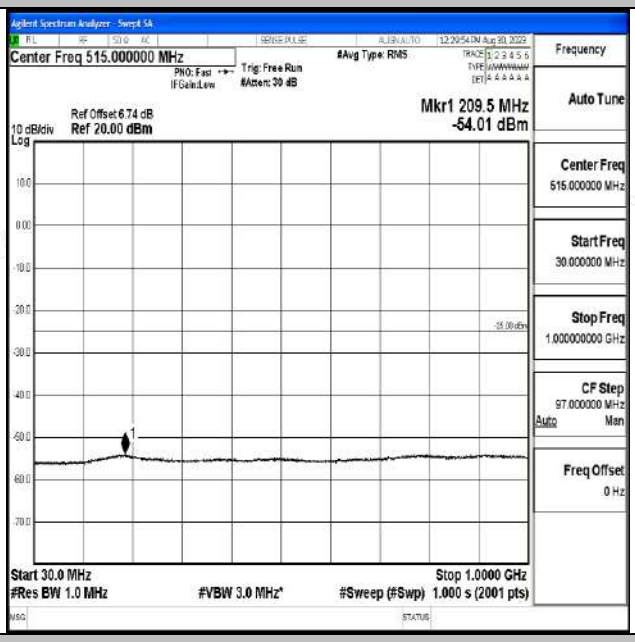
Band7_20MHz_QPSK_21350_1RB#0_20000~27000_20000~27000



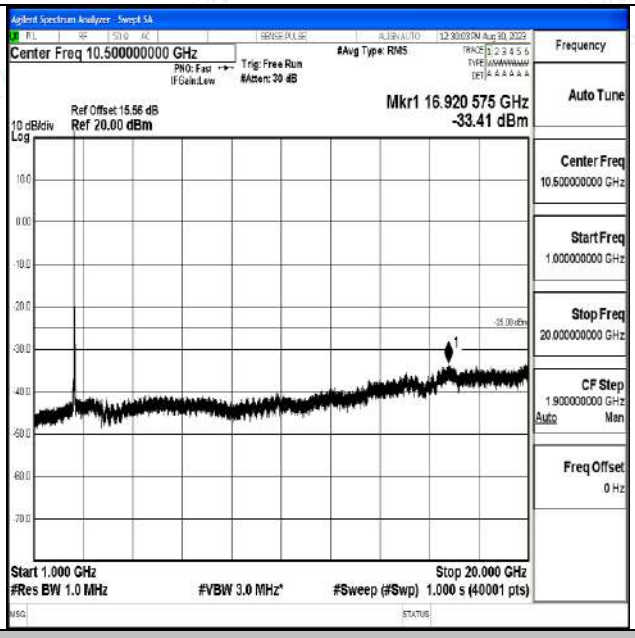
Band7_20MHz_16QAM_21350_1RB#0_0.009~0.15_0.009~0.15



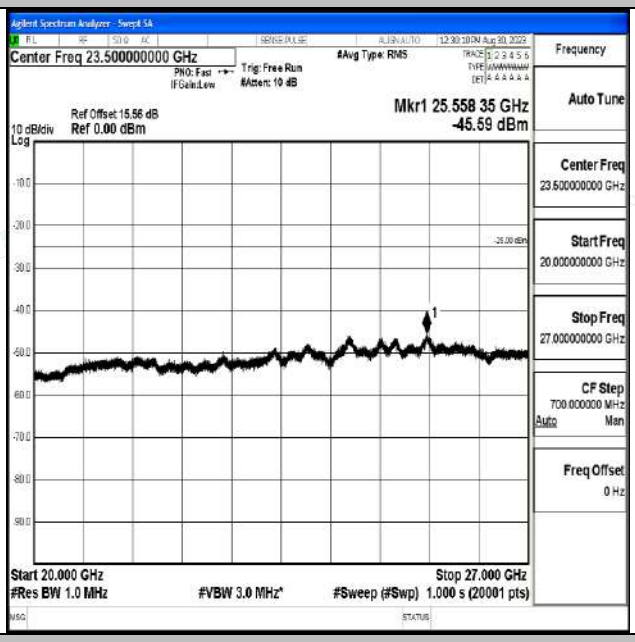
Band7_20MHz_16QAM_21350_1RB#0_0.15~30_0.15~30



Band7_20MHz_16QAM_21350_1RB#0_30~1000_30~1000



Band7_20MHz_16QAM_21350_1RB#0_1000~20000_1000~20000



Band7_20MHz_16QAM_21350_1RB#0_20000~27000_20000~27000