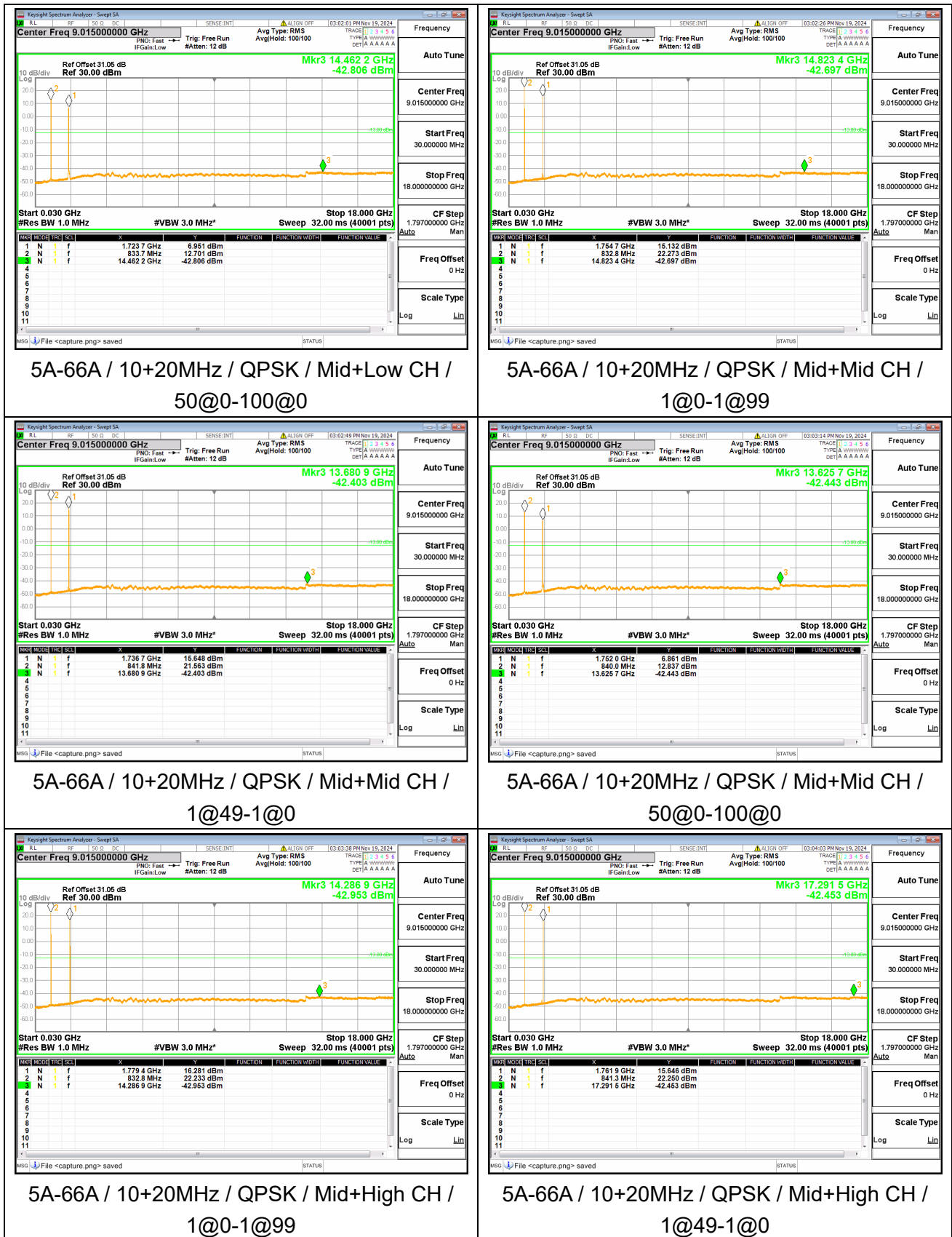
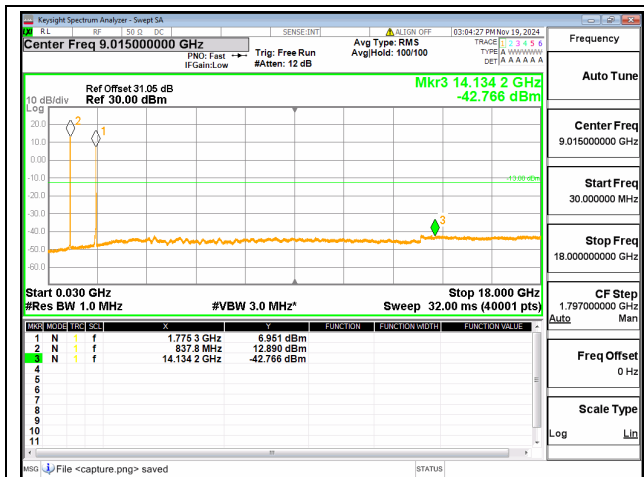
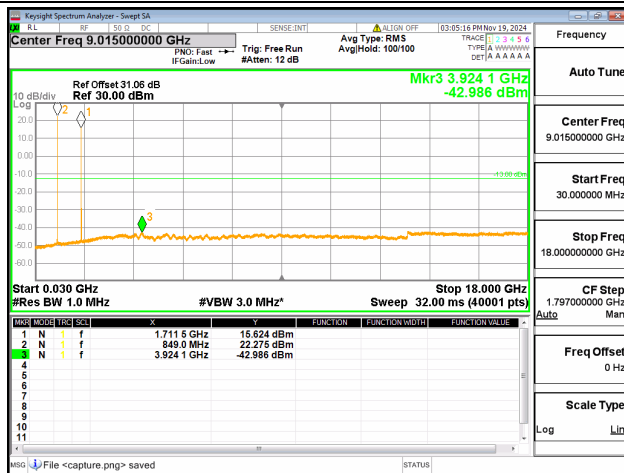
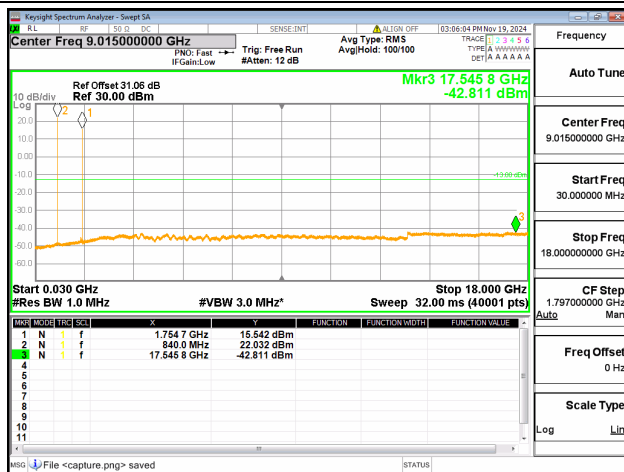
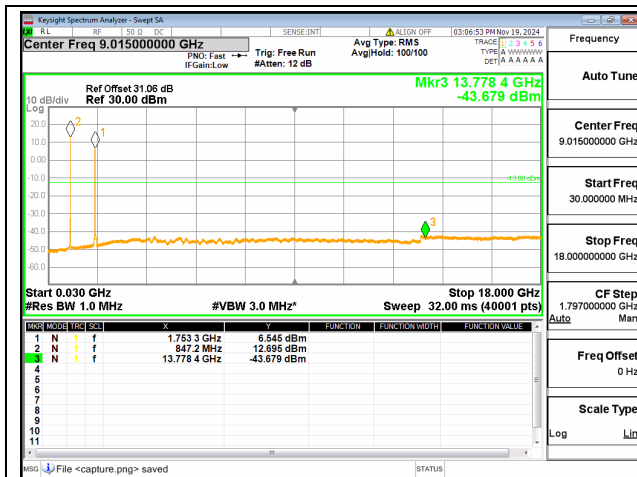
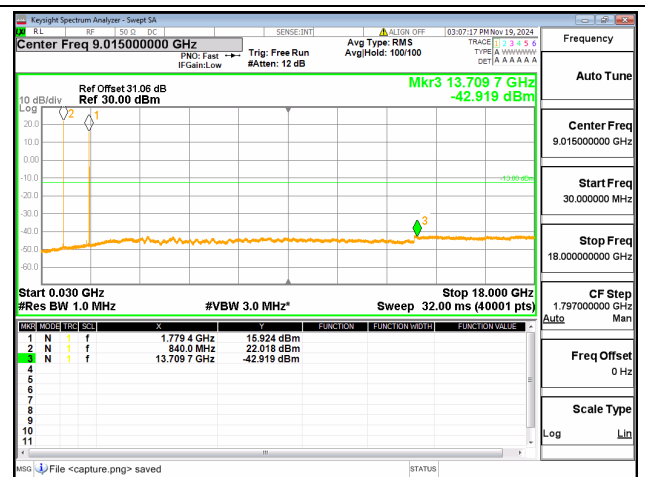
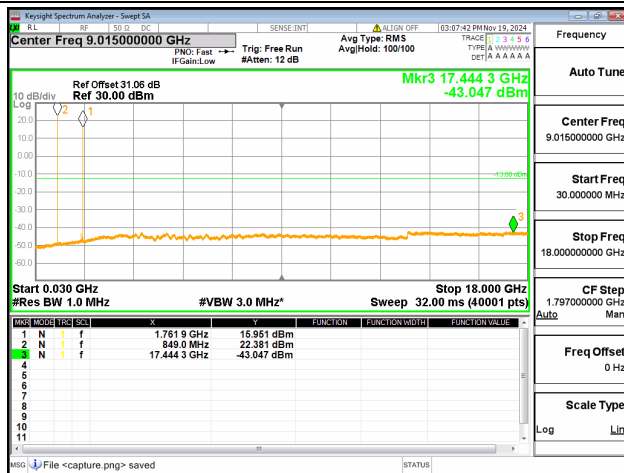
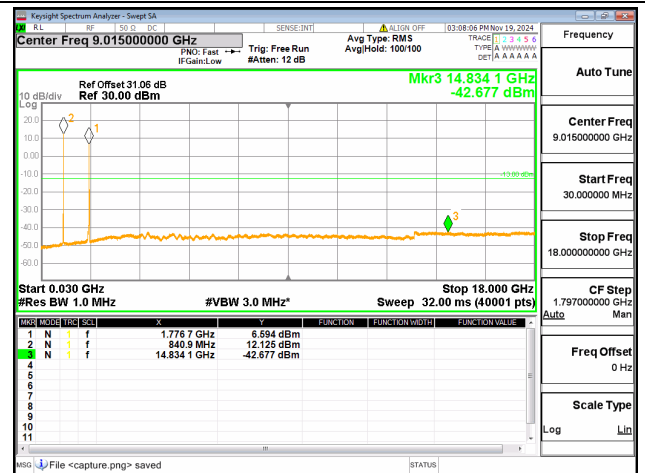
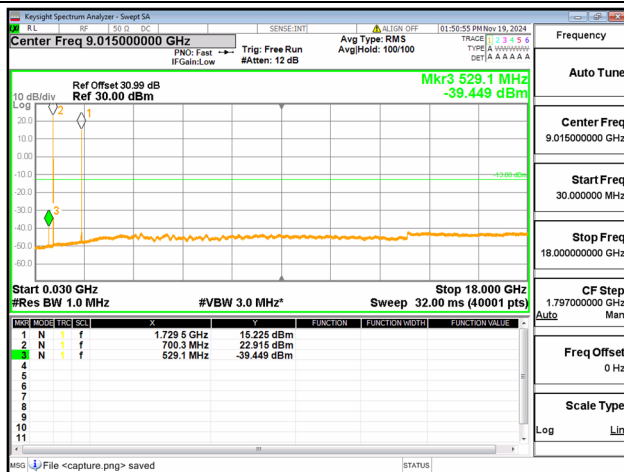


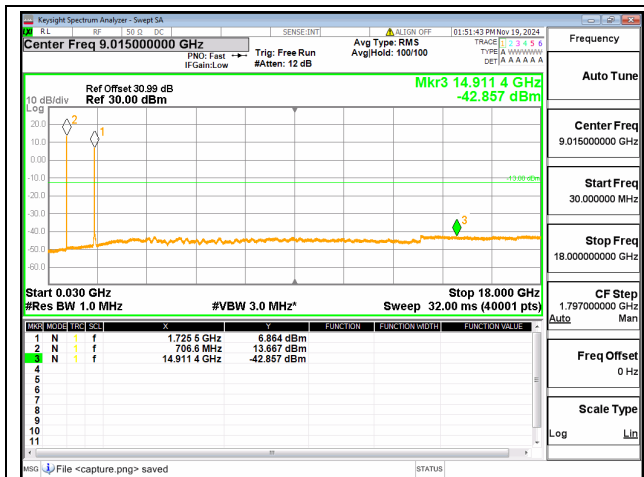
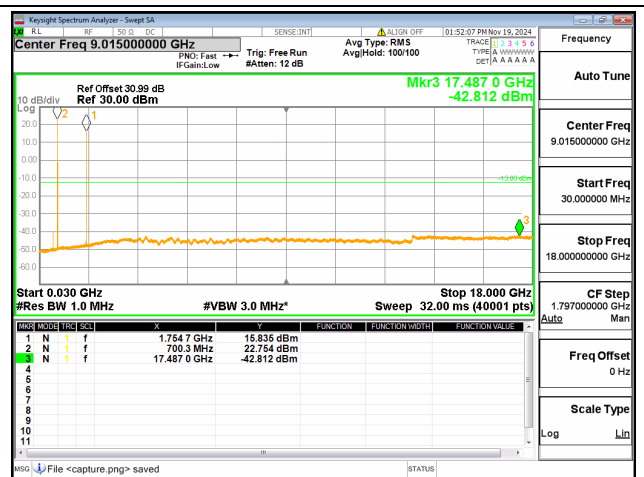
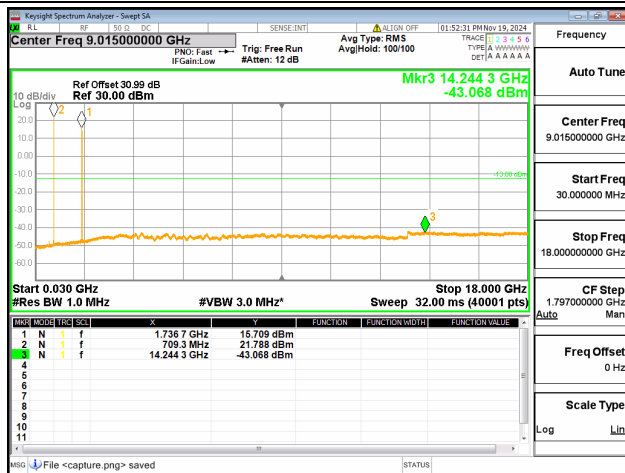
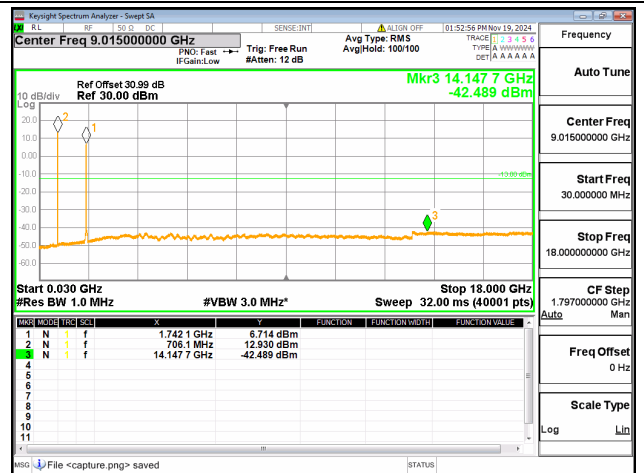
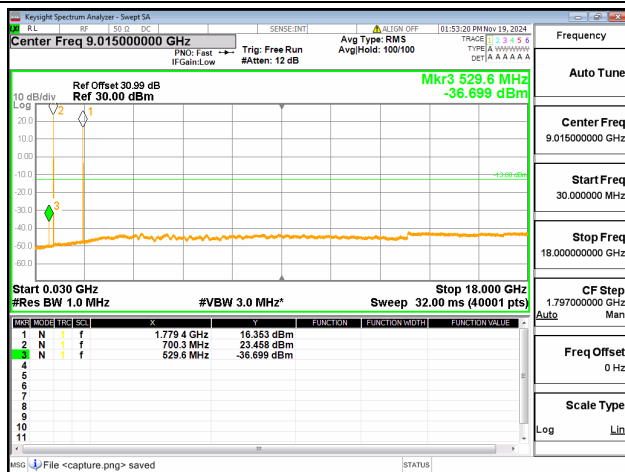


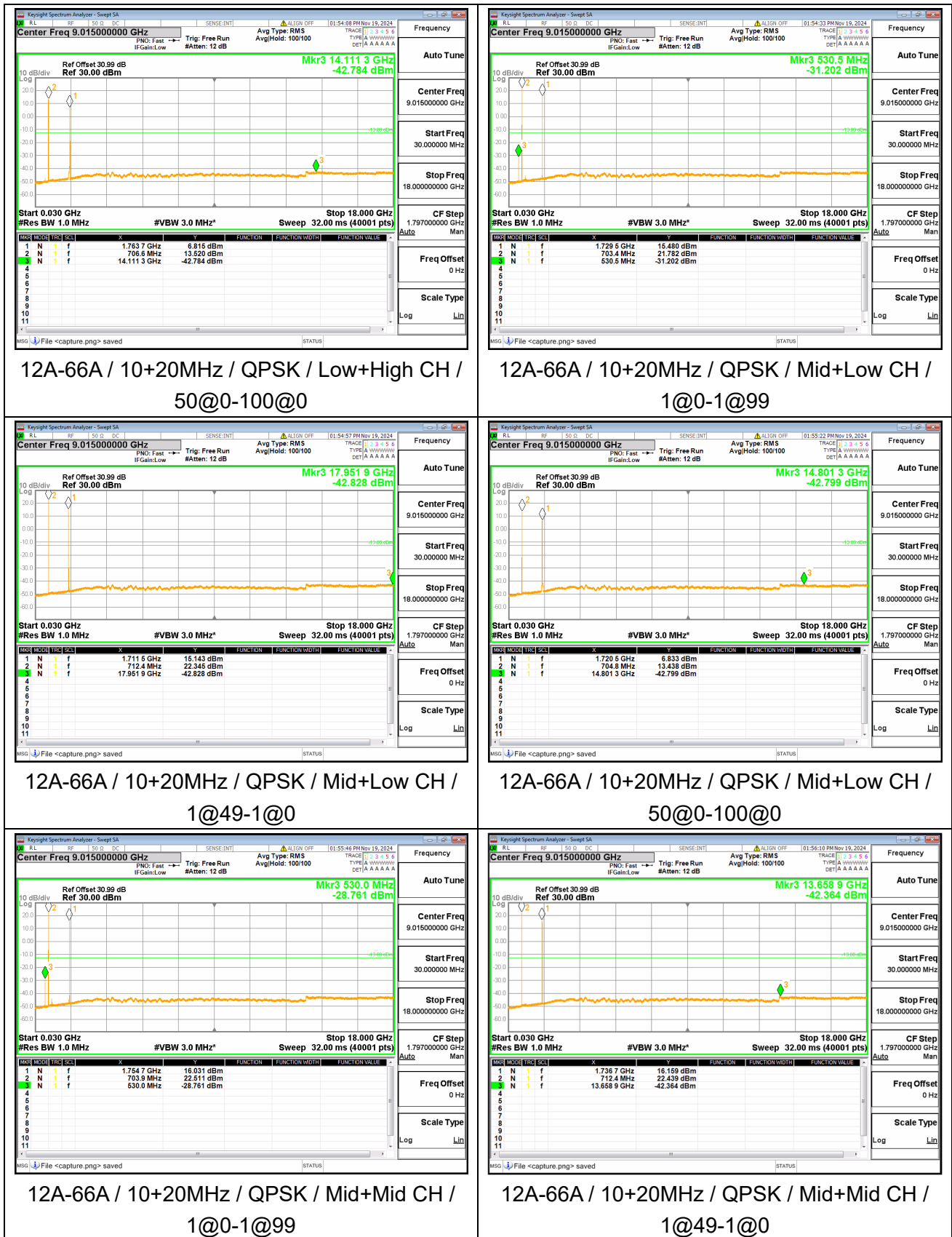
5A-66A / 10+20MHz / QPSK / Mid+High CH /
50@0-100@05A-66A / 10+20MHz / QPSK / High+Low CH /
1@0-1@995A-66A / 10+20MHz / QPSK / High+Low CH /
1@49-1@05A-66A / 10+20MHz / QPSK / High+Low CH /
50@0-100@05A-66A / 10+20MHz / QPSK / High+Mid CH /
1@0-1@995A-66A / 10+20MHz / QPSK / High+Mid CH /
1@49-1@0

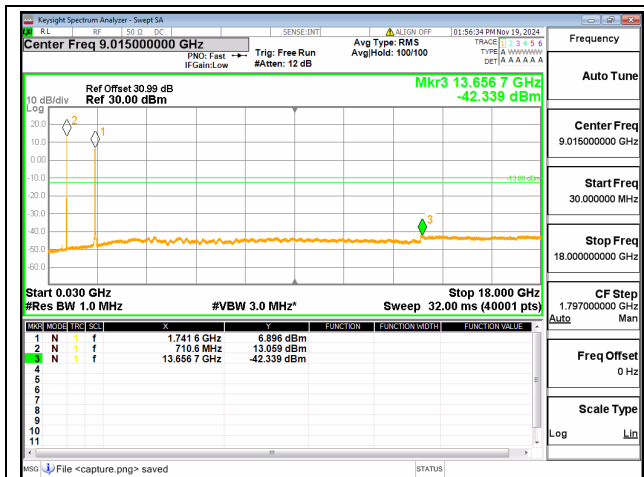
5A-66A / 10+20MHz / QPSK / High+Mid CH /
50@0-100@05A-66A / 10+20MHz / QPSK / High+High CH /
1@0-1@995A-66A / 10+20MHz / QPSK / High+High CH /
1@49-1@05A-66A / 10+20MHz / QPSK / High+High CH /
50@0-100@0

12A-66A / 10+20MHz / QPSK / Low+Low CH /

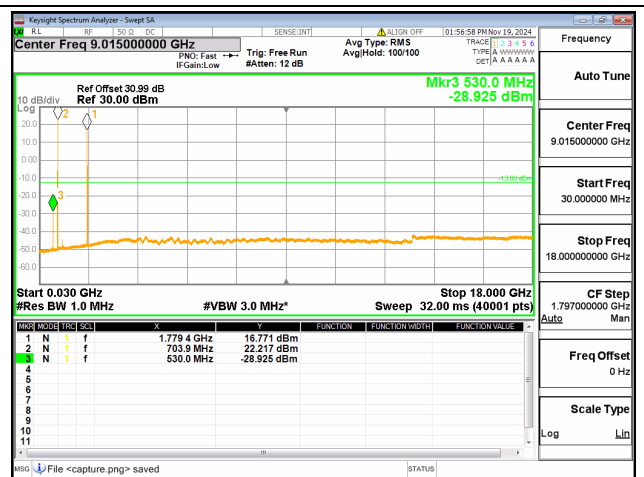
12A-66A / 10+20MHz / QPSK / Low+Low CH /
1@49-1@0

12A-66A / 10+20MHz / QPSK / Low+Low CH /
50@0-100@012A-66A / 10+20MHz / QPSK / Low+Mid CH /
1@0-1@9912A-66A / 10+20MHz / QPSK / Low+Mid CH /
1@49-1@012A-66A / 10+20MHz / QPSK / Low+Mid CH /
50@0-100@012A-66A / 10+20MHz / QPSK / Low+High CH /
1@0-1@9912A-66A / 10+20MHz / QPSK / Low+High CH /
1@49-1@0

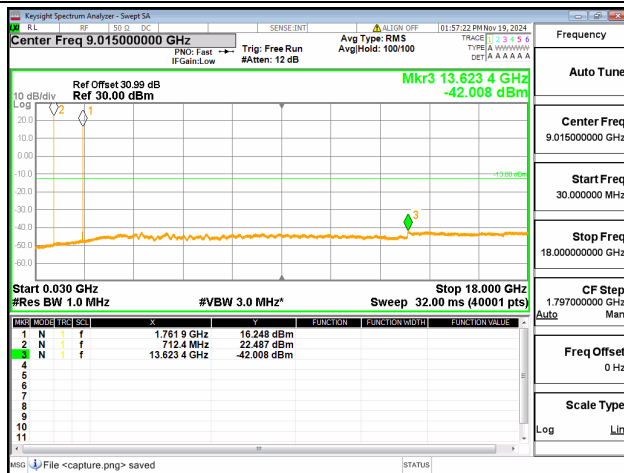




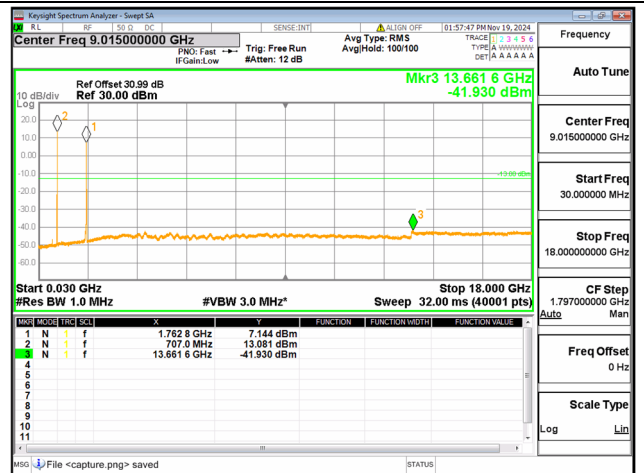
12A-66A / 10+20MHz / QPSK / Mid+Mid CH /
50@0-100@0



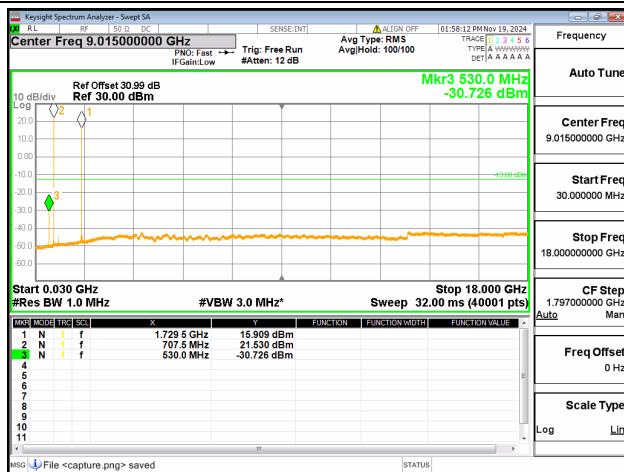
12A-66A / 10+20MHz / QPSK / Mid+High CH /
1@0-1@99



12A-66A / 10+20MHz / QPSK / Mid+High CH /
1@49-1@0



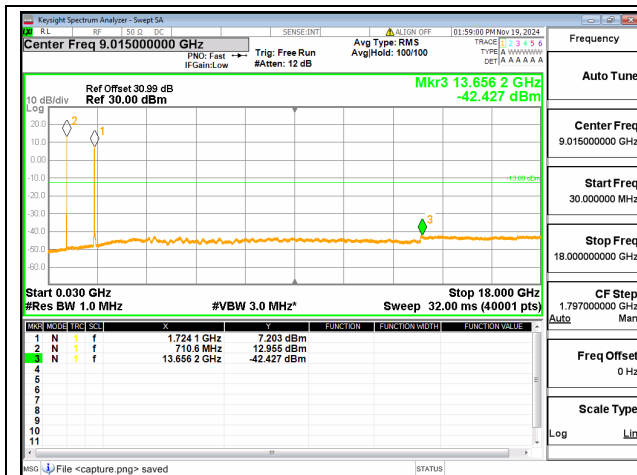
12A-66A / 10+20MHz / QPSK / Mid+High CH /
50@0-100@0



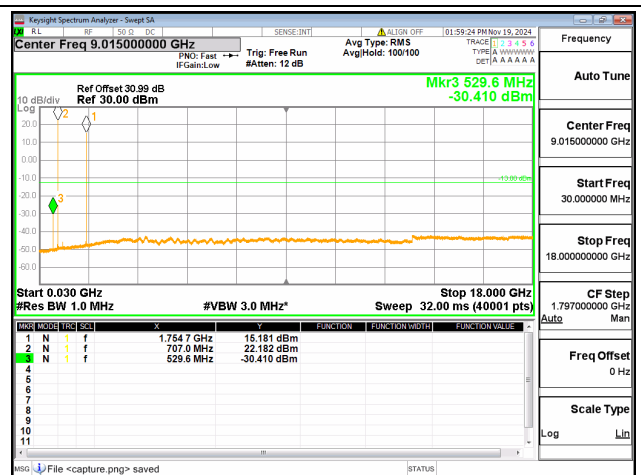
12A-66A / 10+20MHz / QPSK / High+Low CH /
1@0-1@99



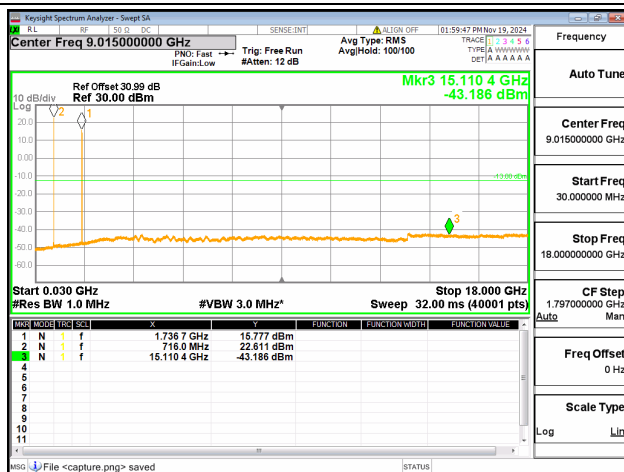
12A-66A / 10+20MHz / QPSK / High+Low CH /
1@49-1@0



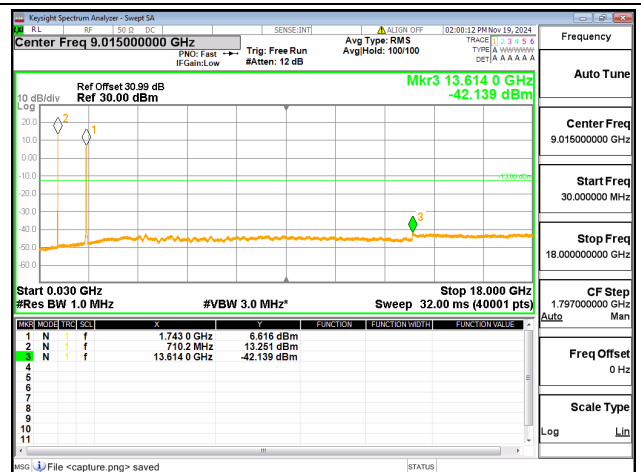
12A-66A / 10+20MHz / QPSK / High+Low CH /
50@0-100@0



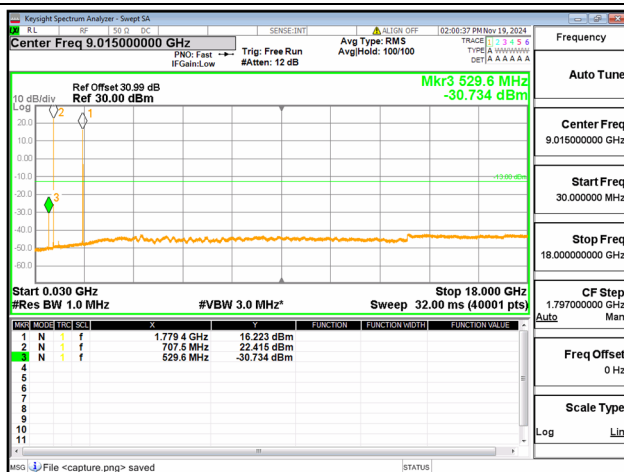
12A-66A / 10+20MHz / QPSK / High+Mid CH /
1@0-1@99



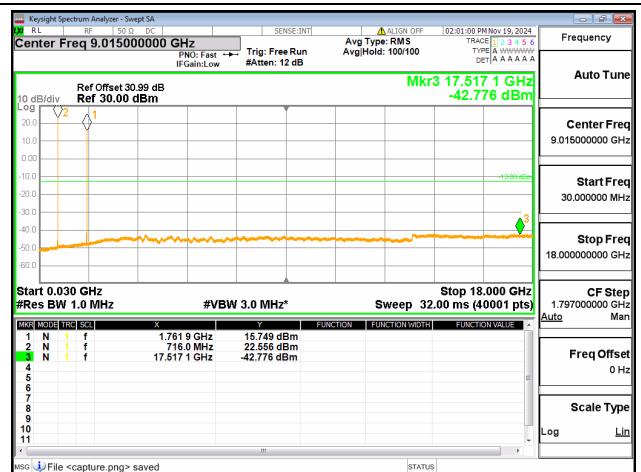
12A-66A / 10+20MHz / QPSK / High+Mid CH /
1@49-1@0



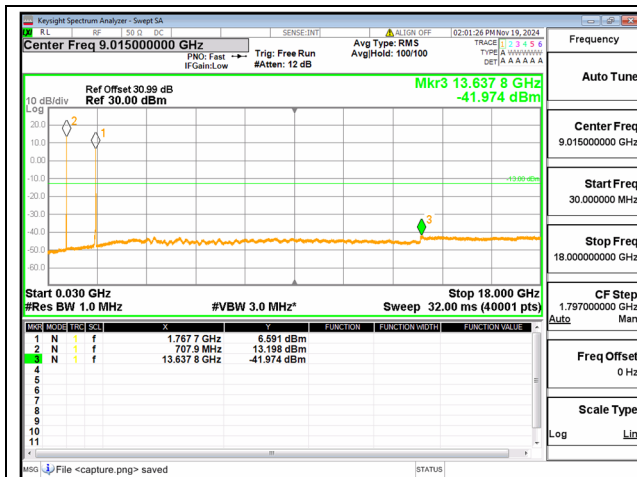
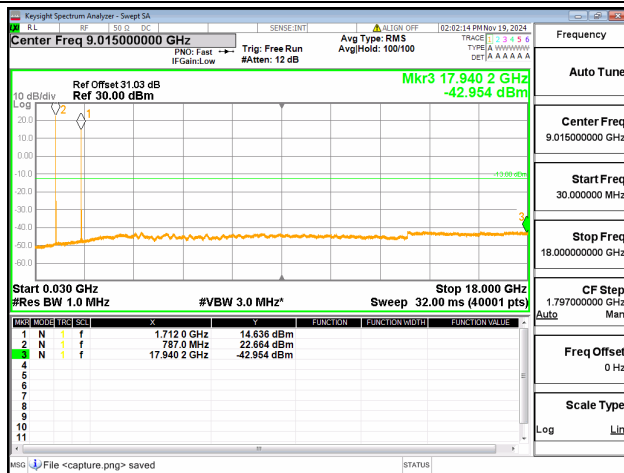
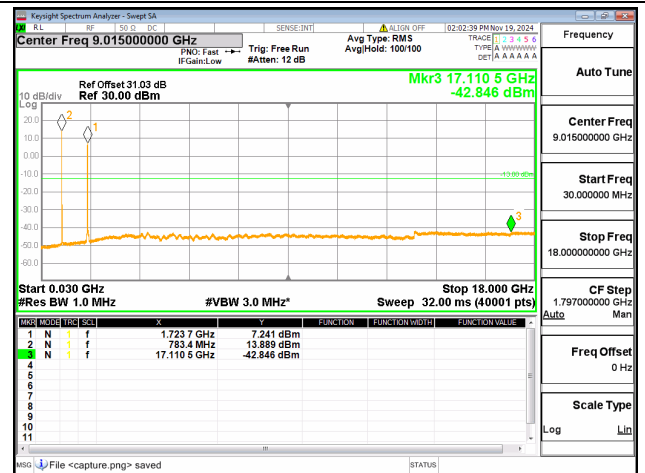
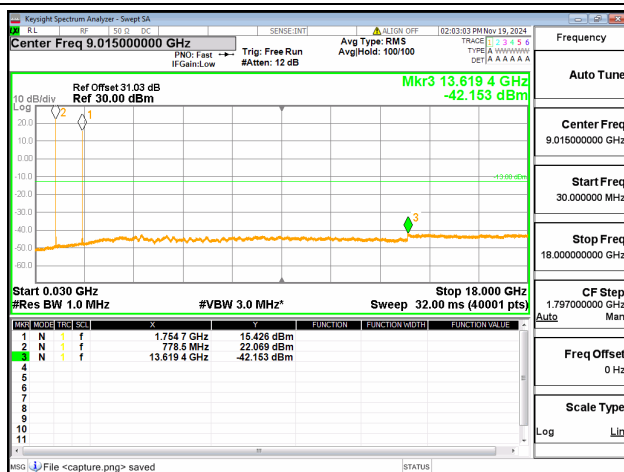
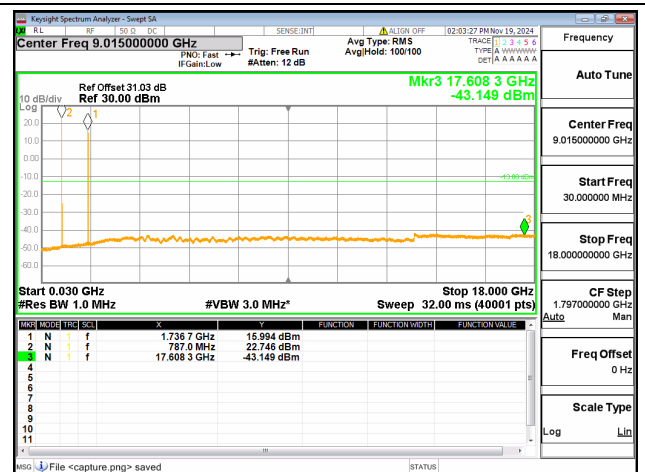
12A-66A / 10+20MHz / QPSK / High+Mid CH /
50@0-100@0

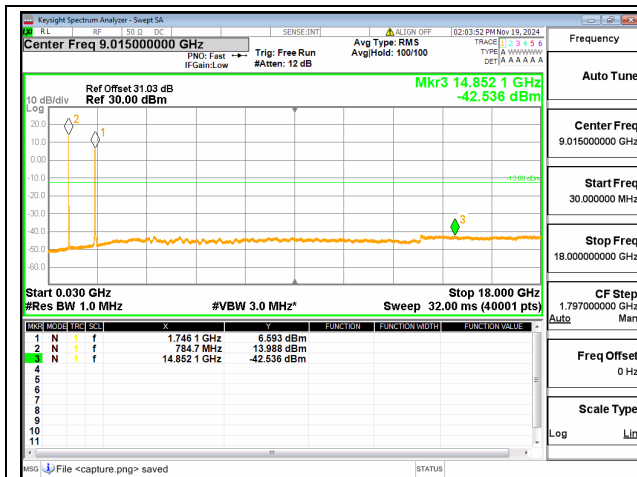


12A-66A / 10+20MHz / QPSK / High+High CH /
1@0-1@99

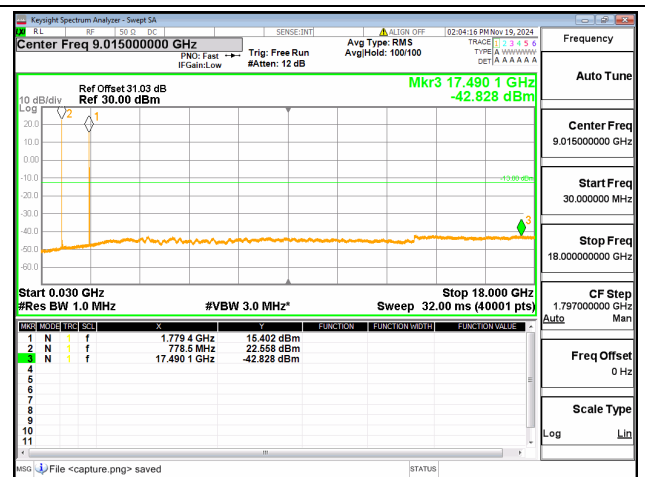


12A-66A / 10+20MHz / QPSK / High+High CH /
1@49-1@0

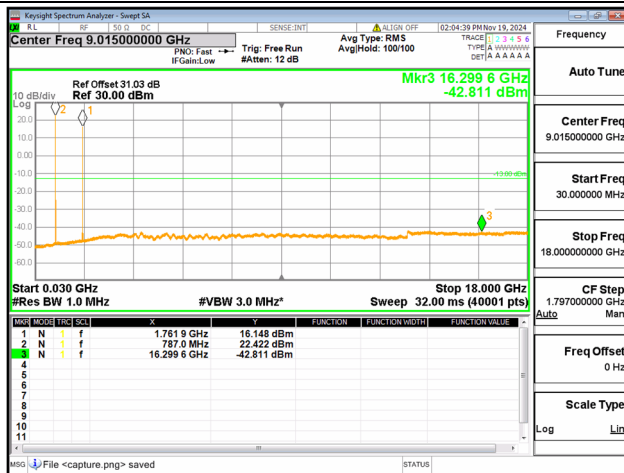
12A-66A / 10+20MHz / QPSK / High+High CH /
50@0-100@013A-66A / 10+20MHz / QPSK / Low+Low CH /
1@0-1@9913A-66A / 10+20MHz / QPSK / Low+Low CH /
1@49-1@013A-66A / 10+20MHz / QPSK / Low+Low CH /
50@0-100@013A-66A / 10+20MHz / QPSK / Low+Mid CH /
1@0-1@9913A-66A / 10+20MHz / QPSK / Low+Mid CH /
1@49-1@0



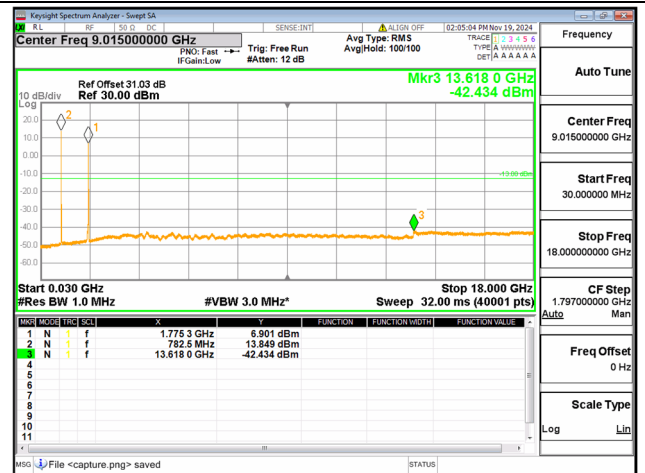
13A-66A / 10+20MHz / QPSK / Low+Mid CH /
50@0-100@0



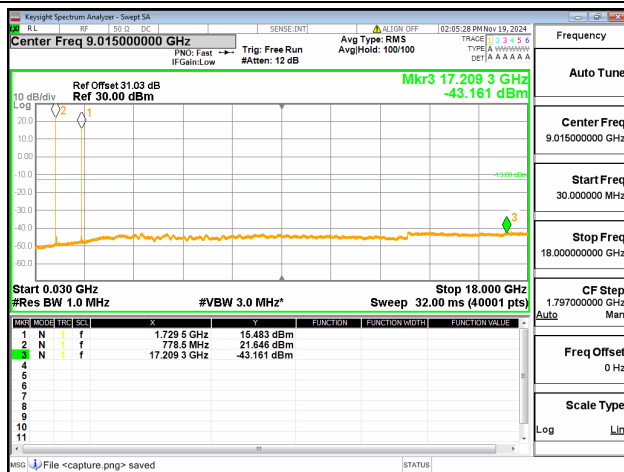
13A-66A / 10+20MHz / QPSK / Low+High CH /
1@0-1@99



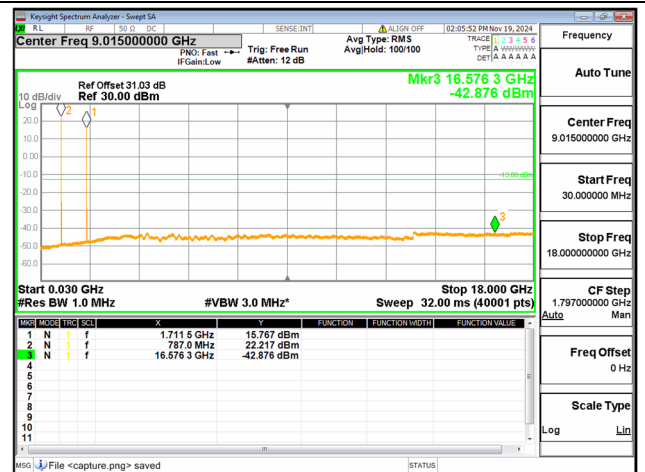
13A-66A / 10+20MHz / QPSK / Low+High CH /
1@49-1@0



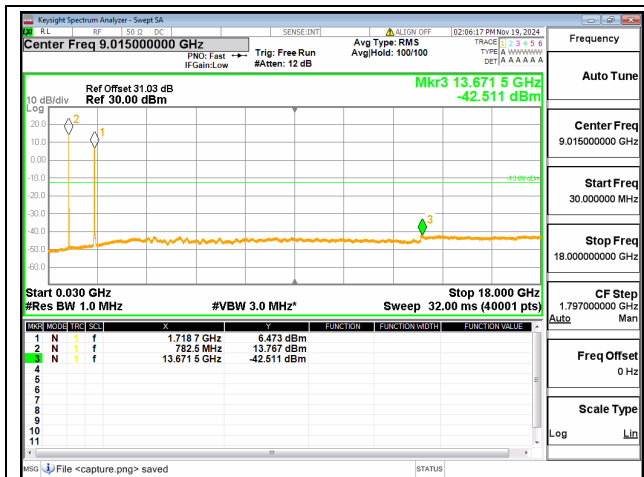
13A-66A / 10+20MHz / QPSK / Low+High CH /
50@0-100@0



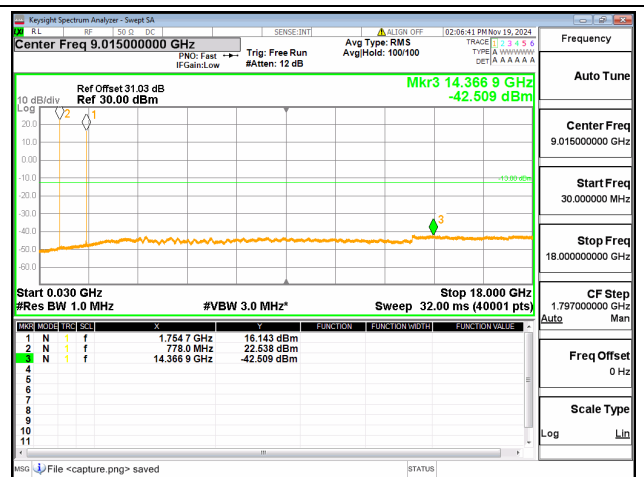
13A-66A / 10+20MHz / QPSK / Mid+Low CH /
1@0-1@99



13A-66A / 10+20MHz / QPSK / Mid+Low CH /
1@49-1@0



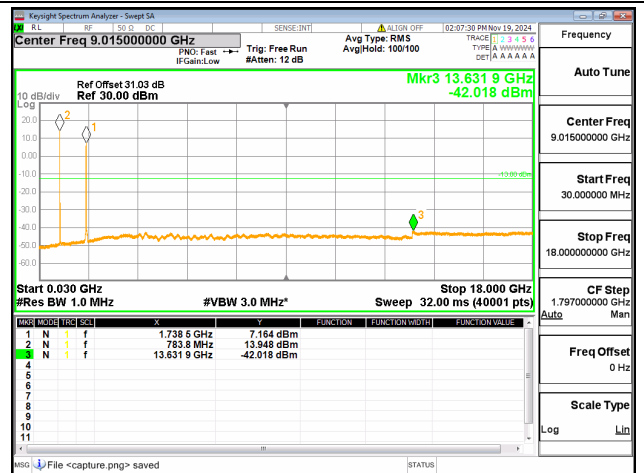
13A-66A / 10+20MHz / QPSK / Mid+Low CH /
50@0-100@0



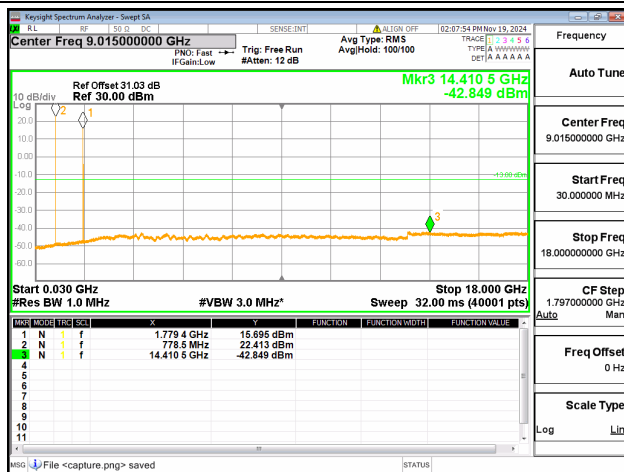
13A-66A / 10+20MHz / QPSK / Mid+Mid CH /
1@0-1@99



13A-66A / 10+20MHz / QPSK / Mid+Mid CH /
1@49-1@0



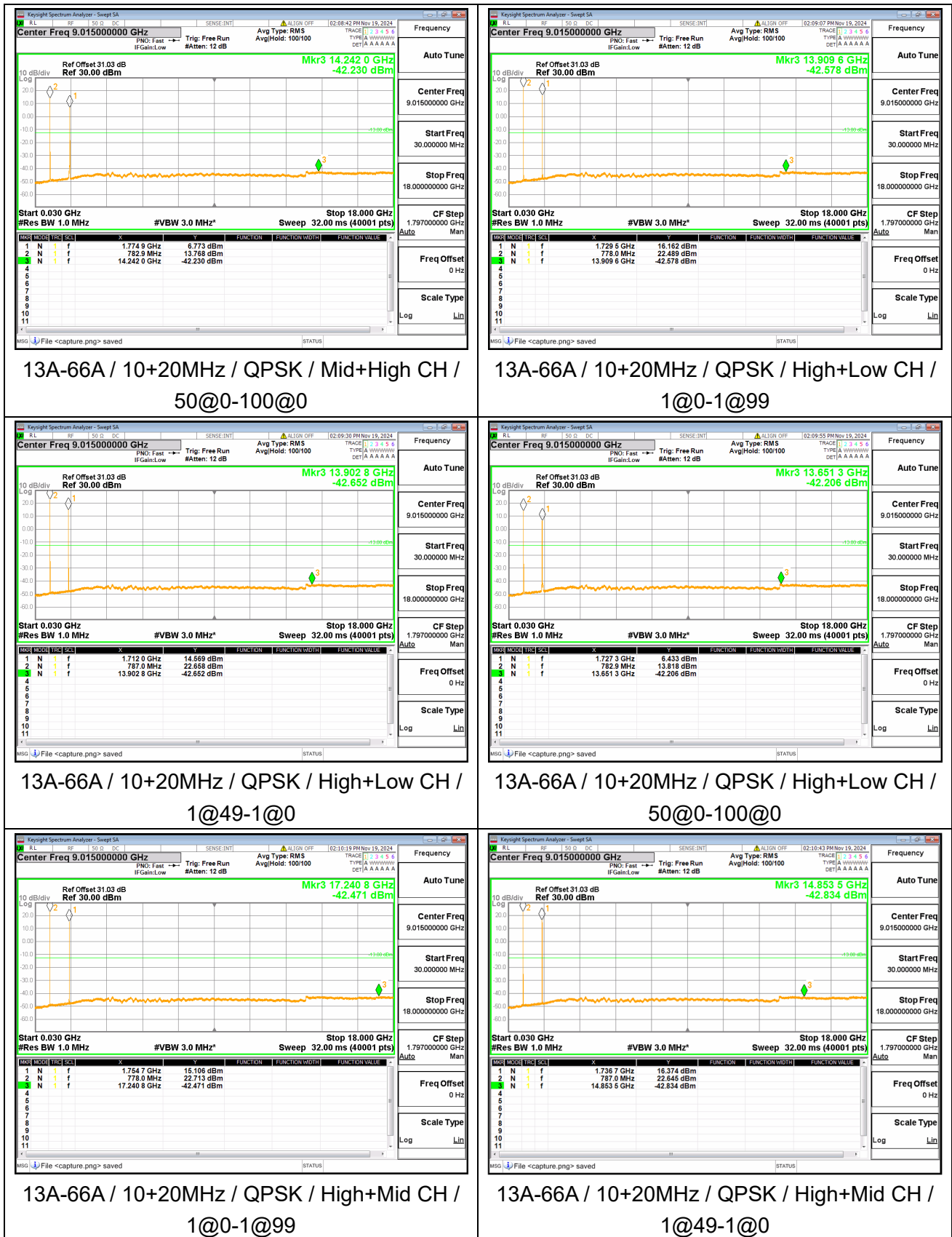
13A-66A / 10+20MHz / QPSK / Mid+Mid CH /
50@0-100@0



13A-66A / 10+20MHz / QPSK / Mid+High CH /
1@0-1@99

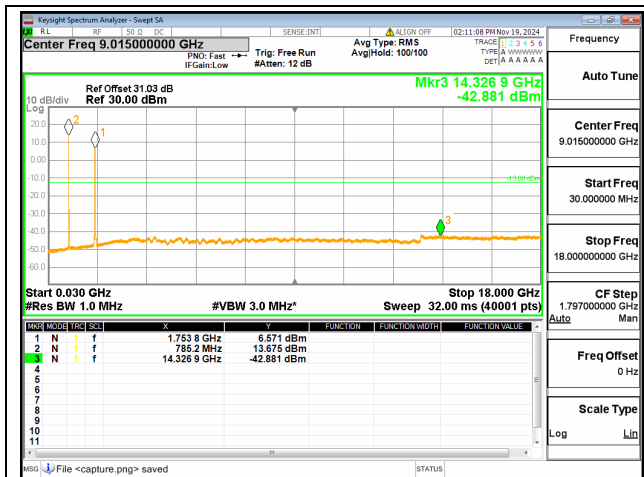


13A-66A / 10+20MHz / QPSK / Mid+High CH /
1@49-1@0

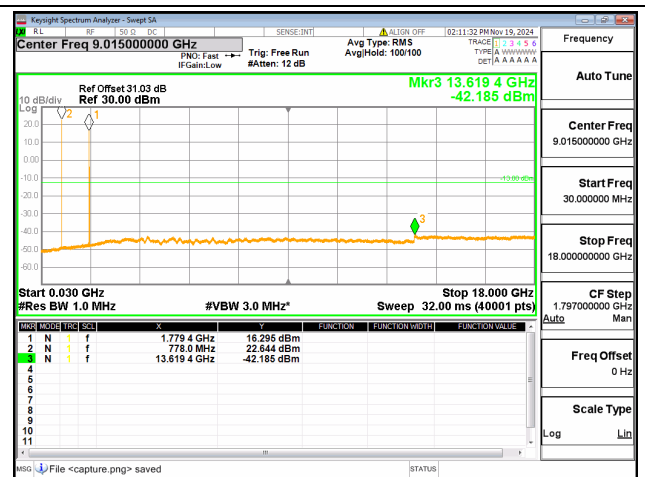




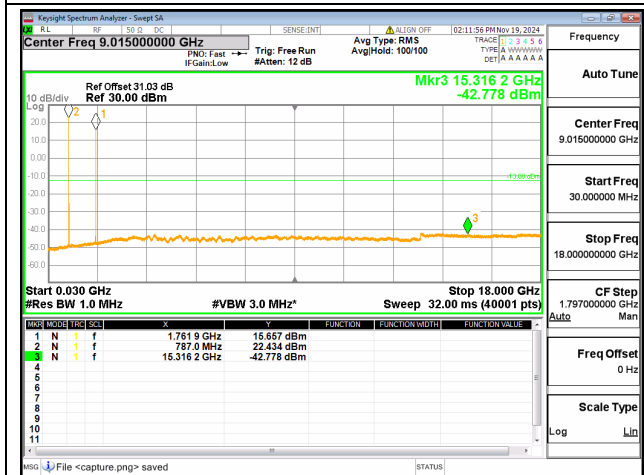
REPORT No.: SZ24090048W09



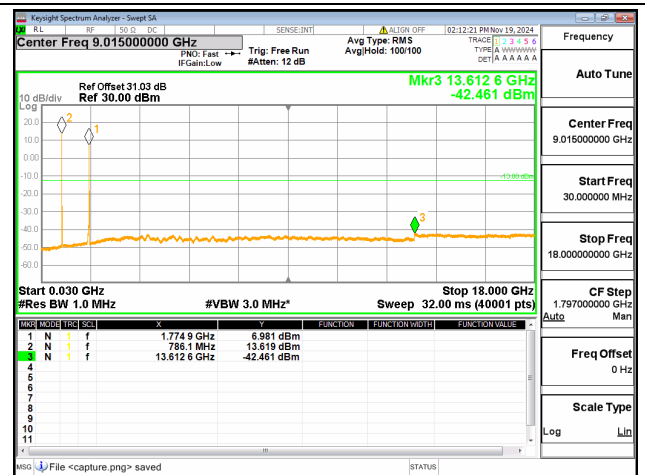
13A-66A / 10+20MHz / QPSK / High+Mid CH /
50@0-100@0



13A-66A / 10+20MHz / QPSK / High+High CH /
1@0-1@99



13A-66A / 10+20MHz / QPSK / High+High CH /
1@49-1@0



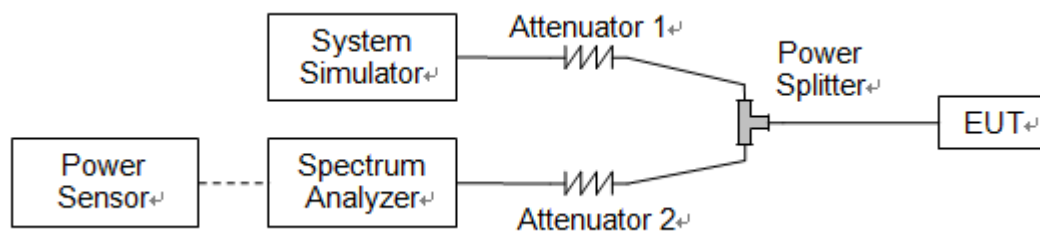
13A-66A / 10+20MHz / QPSK / High+High CH /
50@0-100@0

2.4. Peak to Average Ratio

2.4.1. Requirement

According to FCC section 24.232(d), 27.50(d) and 27.50(j)(4), the peak to average ratio (PAR) of the transmission may not exceed 13dB.

2.4.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.4.3. Test Procedure

KDB 971168 D01v03 Section 5.7 and ANSI/TIA-603-E-2016.

2.4.4. Test Result

Record the maximum PAPR level associated with a probability of 0.1%.



LTE Band	BW(MHz)	Channel Level	PCC CH	SCC CH	Modulation	Peak to Average Radio(dB)	Verdict
2C	5+20	Low	18633	18750	QPSK	6.16	PASS
2C	5+20	Low	18633	18750	16QAM	6.81	PASS
2C	5+20	Low	18633	18750	64QAM	6.86	PASS
2C	5+20	Mid	18808	18925	QPSK	6.19	PASS
2C	5+20	Mid	18808	18925	16QAM	6.82	PASS
2C	5+20	Mid	18808	18925	64QAM	6.98	PASS
2C	5+20	High	18983	19100	QPSK	6.15	PASS
2C	5+20	High	18983	19100	16QAM	6.84	PASS
2C	5+20	High	18983	19100	64QAM	6.97	PASS
2C	10+15	Low	18653	18773	QPSK	6.17	PASS
2C	10+15	Low	18653	18773	16QAM	6.79	PASS
2C	10+15	Low	18653	18773	64QAM	6.95	PASS
2C	10+20	Low	18655	18799	QPSK	6.16	PASS
2C	10+20	Low	18655	18799	16QAM	6.78	PASS
2C	10+20	Low	18655	18799	64QAM	6.92	PASS
2C	10+15	Mid	18829	18949	QPSK	6.23	PASS
2C	10+15	Mid	18829	18949	16QAM	6.84	PASS
2C	10+15	Mid	18829	18949	64QAM	7.03	PASS
2C	10+20	Mid	18806	18950	QPSK	6.21	PASS
2C	10+20	Mid	18806	18950	16QAM	6.80	PASS
2C	10+20	Mid	18806	18950	64QAM	7.02	PASS
2C	10+15	High	19005	19125	QPSK	6.31	PASS
2C	10+15	High	19005	19125	16QAM	6.91	PASS
2C	10+15	High	19005	19125	64QAM	7.04	PASS
2C	10+20	High	18956	19100	QPSK	6.26	PASS
2C	10+20	High	18956	19100	16QAM	6.90	PASS
2C	10+20	High	18956	19100	64QAM	6.99	PASS
2C	15+10	Low	18675	18795	QPSK	6.17	PASS
2C	15+10	Low	18675	18795	16QAM	6.77	PASS
2C	15+10	Low	18675	18795	64QAM	6.94	PASS
2C	15+15	Low	18675	18825	QPSK	7.06	PASS
2C	15+15	Low	18675	18825	16QAM	7.00	PASS
2C	15+15	Low	18675	18825	64QAM	7.04	PASS
2C	15+20	Low	18678	18849	QPSK	6.15	PASS



REPORT No.: SZ24090048W09

2C	15+20	Low	18678	18849	16QAM	6.76	PASS
2C	15+20	Low	18678	18849	64QAM	6.92	PASS
2C	15+10	Mid	18851	18971	QPSK	6.22	PASS
2C	15+10	Mid	18851	18971	16QAM	6.85	PASS
2C	15+10	Mid	18851	18971	64QAM	7.05	PASS
2C	15+15	Mid	18825	18975	QPSK	7.14	PASS
2C	15+15	Mid	18825	18975	16QAM	7.00	PASS
2C	15+15	Mid	18825	18975	64QAM	7.15	PASS
2C	15+20	Mid	18803	18974	QPSK	6.21	PASS
2C	15+20	Mid	18803	18974	16QAM	6.79	PASS
2C	15+20	Mid	18803	18974	64QAM	7.02	PASS
2C	15+10	High	19027	19147	QPSK	6.23	PASS
2C	15+10	High	19027	19147	16QAM	6.87	PASS
2C	15+10	High	19027	19147	64QAM	6.99	PASS
2C	15+15	High	18975	19125	QPSK	7.14	PASS
2C	15+15	High	18975	19125	16QAM	7.03	PASS
2C	15+15	High	18975	19125	64QAM	7.19	PASS
2C	15+20	High	18929	19100	QPSK	6.31	PASS
2C	15+20	High	18929	19100	16QAM	6.87	PASS
2C	15+20	High	18929	19100	64QAM	7.03	PASS
2C	20+5	Low	18700	18817	QPSK	6.11	PASS
2C	20+5	Low	18700	18817	16QAM	6.86	PASS
2C	20+5	Low	18700	18817	64QAM	7.01	PASS
2C	20+10	Low	18700	18844	QPSK	6.05	PASS
2C	20+10	Low	18700	18844	16QAM	6.77	PASS
2C	20+10	Low	18700	18844	64QAM	6.94	PASS
2C	20+15	Low	18700	18871	QPSK	6.12	PASS
2C	20+15	Low	18700	18871	16QAM	6.74	PASS
2C	20+15	Low	18700	18871	64QAM	6.89	PASS
2C	20+20	Low	18700	18898	QPSK	6.37	PASS
2C	20+20	Low	18700	18898	16QAM	6.94	PASS
2C	20+20	Low	18700	18898	64QAM	7.03	PASS
2C	20+5	Mid	18875	18992	QPSK	6.19	PASS
2C	20+5	Mid	18875	18992	16QAM	6.85	PASS
2C	20+5	Mid	18875	18992	64QAM	7.07	PASS
2C	20+10	Mid	18851	18995	QPSK	6.11	PASS
2C	20+10	Mid	18851	18995	16QAM	6.80	PASS
2C	20+10	Mid	18851	18995	64QAM	6.96	PASS



REPORT No.: SZ24090048W09

2C	20+15	Mid	18826	18997	QPSK	6.17	PASS
2C	20+15	Mid	18826	18997	16QAM	6.79	PASS
2C	20+15	Mid	18826	18997	64QAM	6.97	PASS
2C	20+20	Mid	18801	18999	QPSK	6.57	PASS
2C	20+20	Mid	18801	18999	16QAM	6.90	PASS
2C	20+20	Mid	18801	18999	64QAM	7.04	PASS
2C	20+5	High	19050	19167	QPSK	6.23	PASS
2C	20+5	High	19050	19167	16QAM	6.91	PASS
2C	20+5	High	19050	19167	64QAM	7.10	PASS
2C	20+10	High	19001	19145	QPSK	6.19	PASS
2C	20+10	High	19001	19145	16QAM	6.83	PASS
2C	20+10	High	19001	19145	64QAM	7.04	PASS
2C	20+15	High	18951	19122	QPSK	6.28	PASS
2C	20+15	High	18951	19122	16QAM	6.83	PASS
2C	20+15	High	18951	19122	64QAM	6.98	PASS
2C	20+20	High	18902	19100	QPSK	6.63	PASS
2C	20+20	High	18902	19100	16QAM	7.00	PASS
2C	20+20	High	18902	19100	64QAM	7.13	PASS

