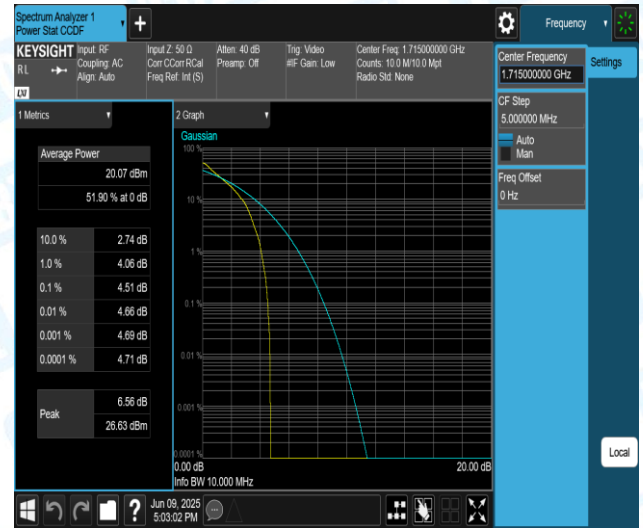
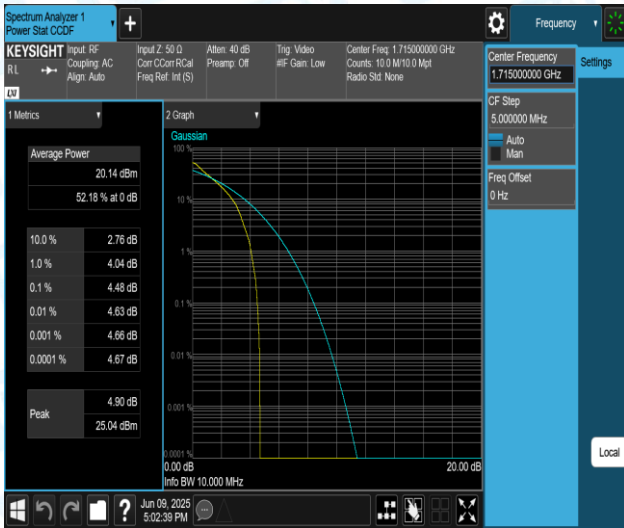
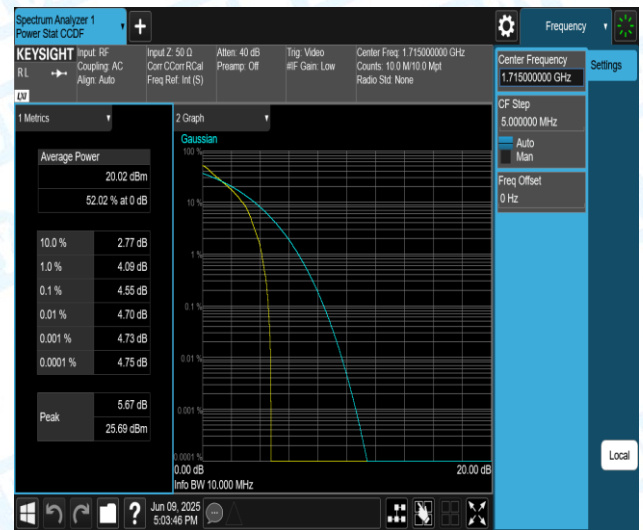
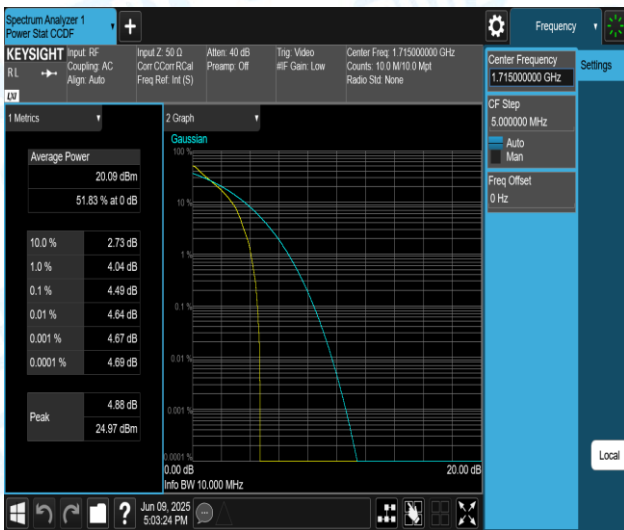




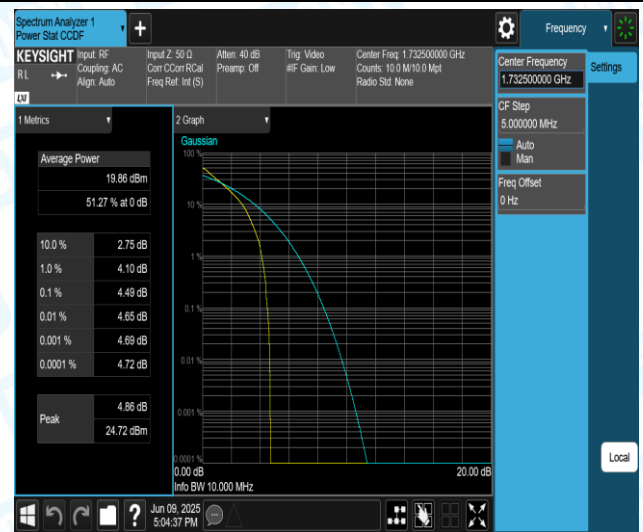
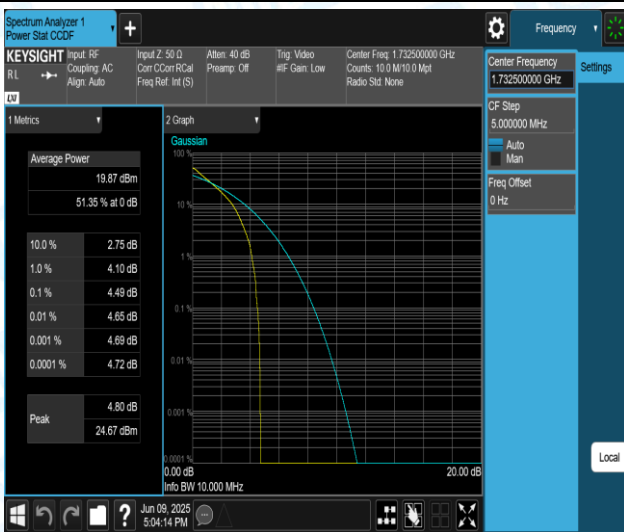
Band 4 - 10 MHz - QPSK - 20000 - PASS

Band 4 - 10 MHz - 16QAM - 20000 - PASS



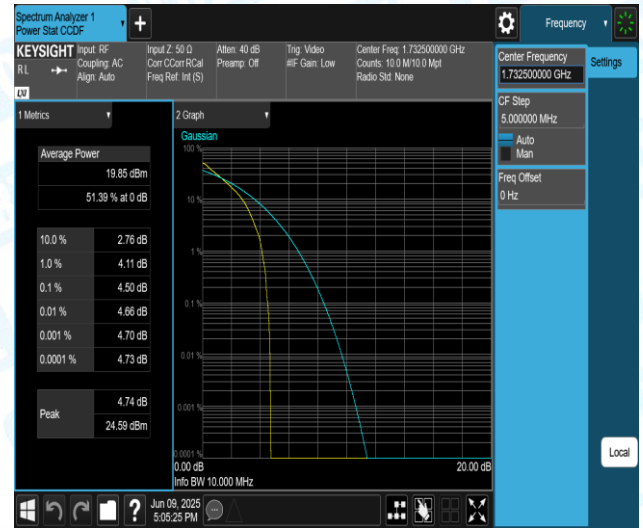
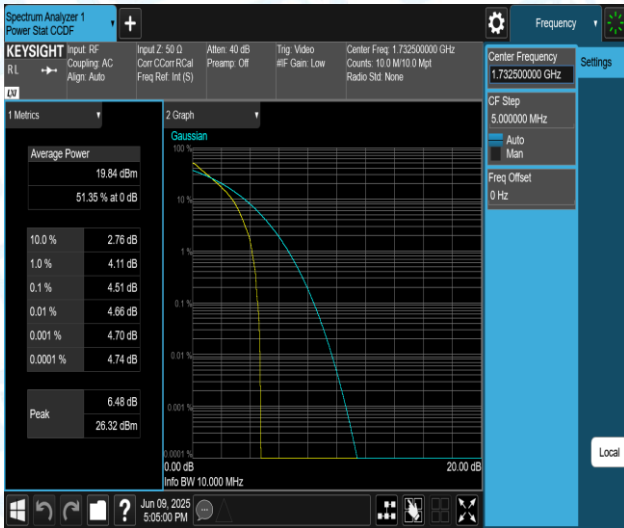
Band 4 - 10 MHz - QPSK - 20000 - PASS

Band 4 - 10 MHz - 16QAM - 20000 - PASS



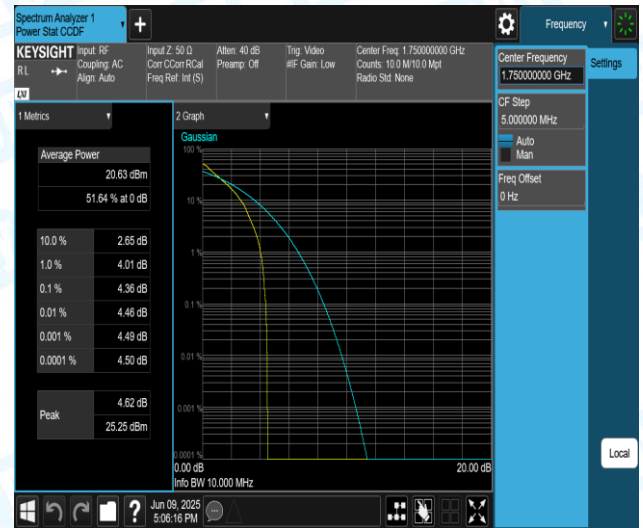
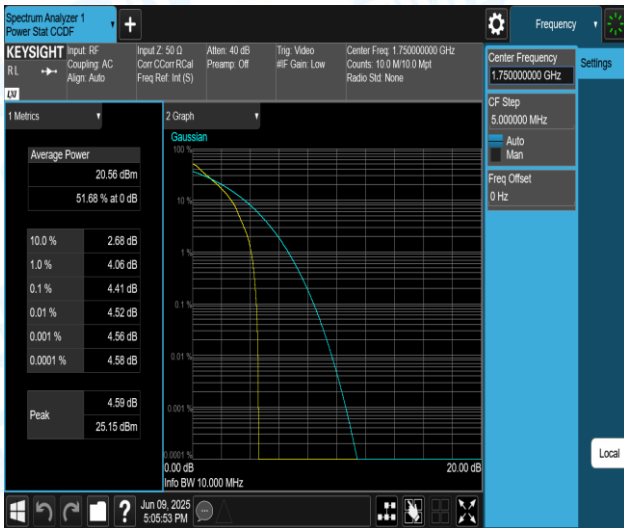
Band 4 - 10 MHz - QPSK - 20175 - PASS

Band 4 - 10 MHz - 16QAM - 20175 - PASS



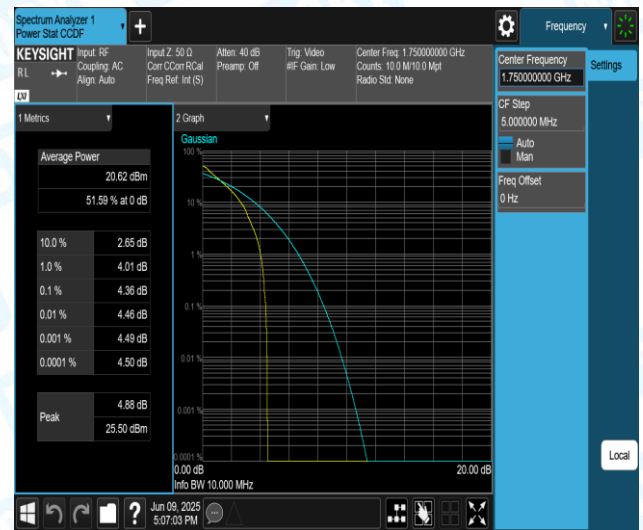
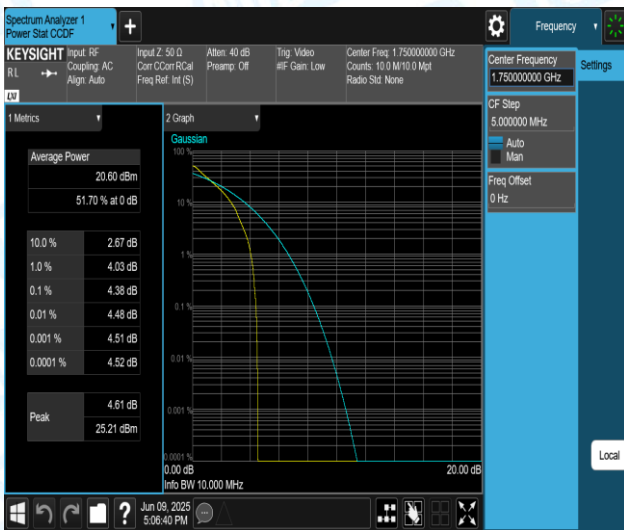
Band 4 - 10 MHz - QPSK - 20175 - PASS

Band 4 - 10 MHz - 16QAM - 20175 - PASS



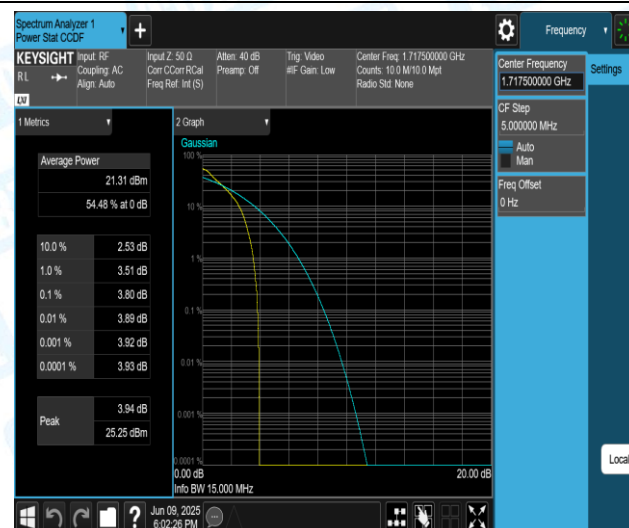
Band 4 - 10 MHz - QPSK - 20350 - PASS

Band 4 - 10 MHz - 16QAM - 20350 - PASS



Band 4 - 10 MHz - QPSK - 20350 - PASS

Band 4 - 10 MHz - 16QAM - 20350 - PASS



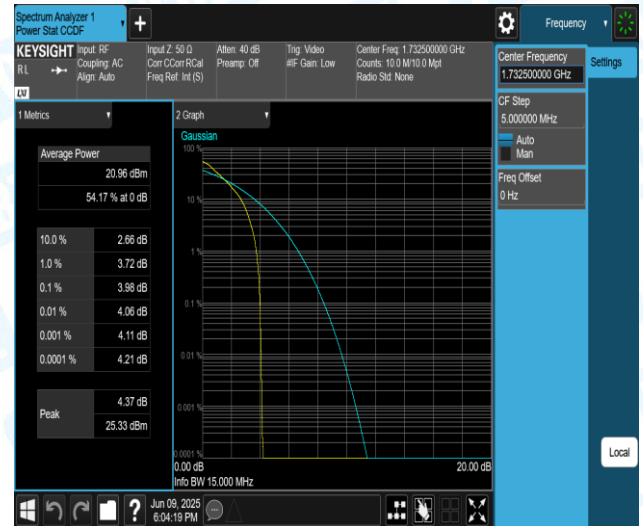
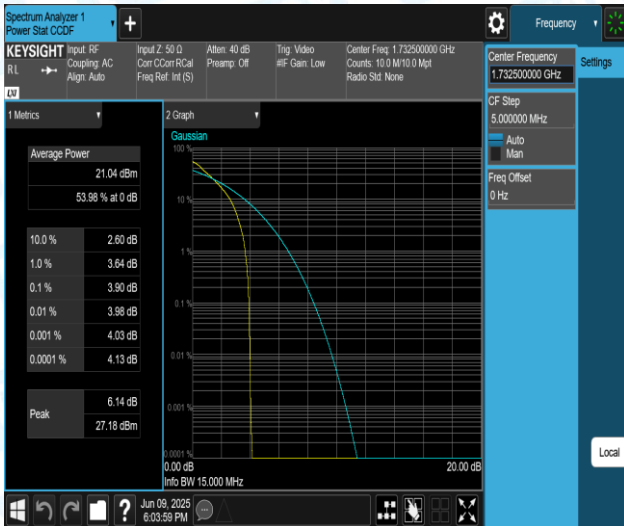
Band 4 - 15 MHz - 16 QAM - 20025 - PASS



B a n d 4 - 1 5 M H z - 1 6 Q A M - 2 0 0 2 5 - P A S S

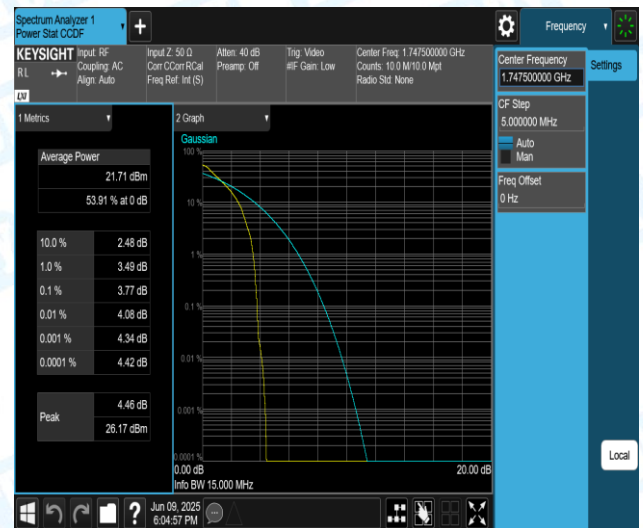
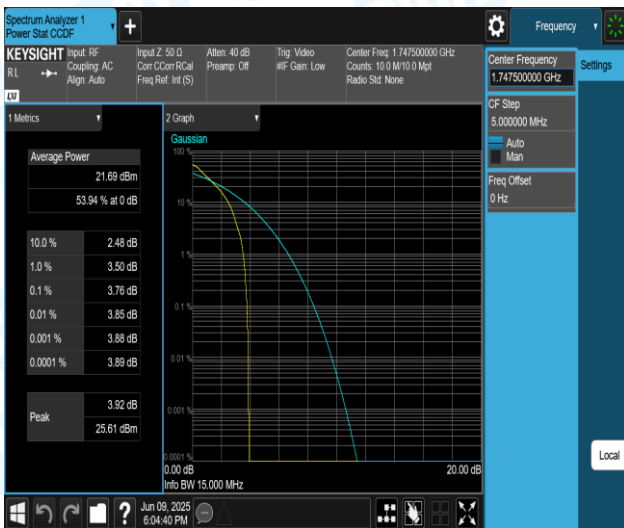


B a n d 4 - 1 5 M H z - 1 6 Q A M - 2 0 1 7 5 - P A S S



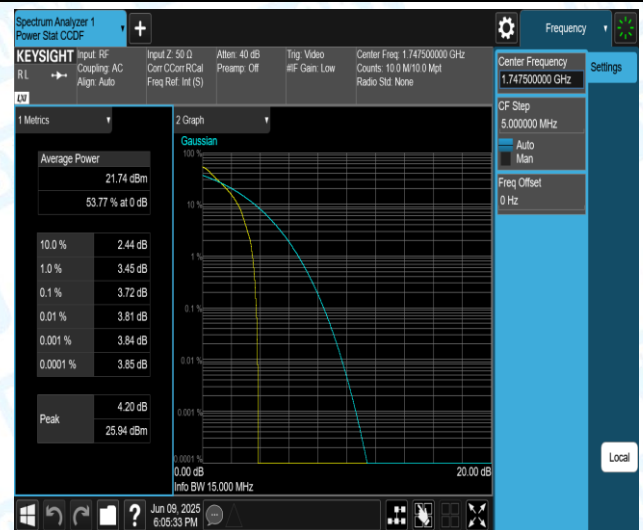
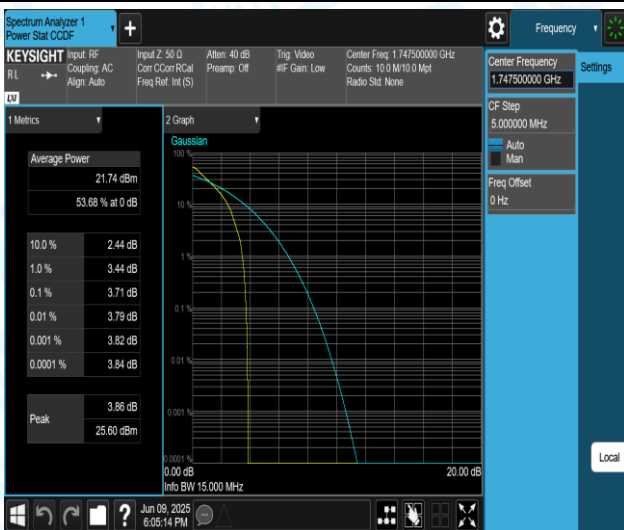
Band 4 - 15 MHz - QPSK - 20175 - PASS

Band 4 - 15 MHz - 16QAM - 20175 - PASS



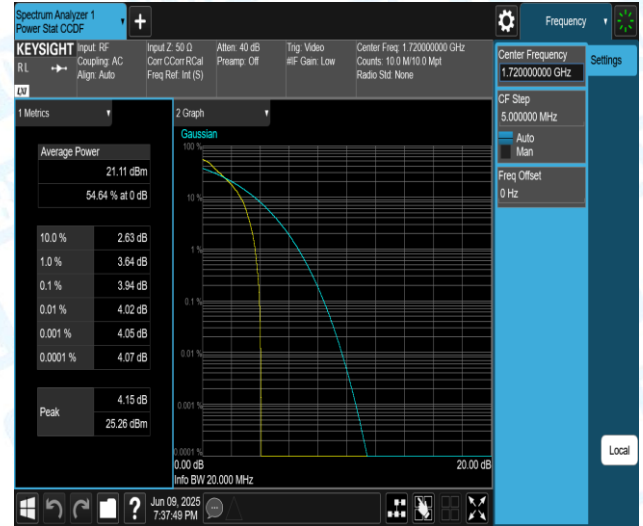
Band 4 - 15 MHz - QPSK - 20325 - PASS

Band 4 - 15 MHz - 16QAM - 20325 - PASS



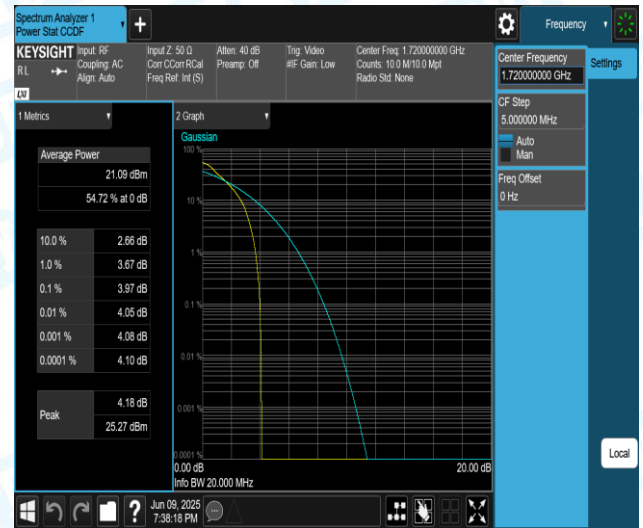
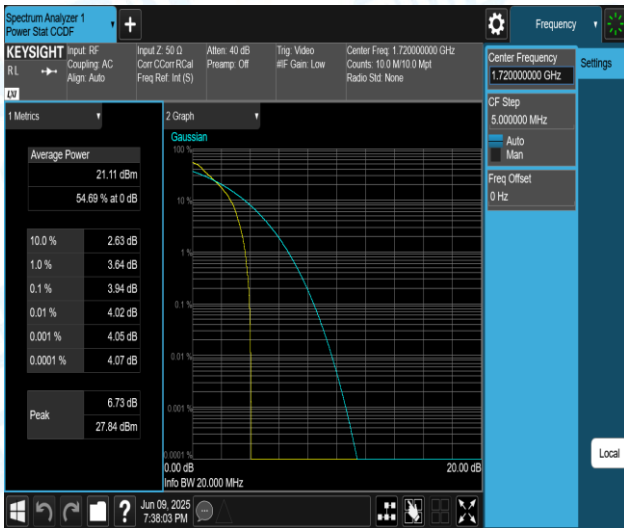
Band 4 - 15 MHz - QPSK - 20325 - PASS

Band 4 - 15 MHz - 16QAM - 20325 - PASS



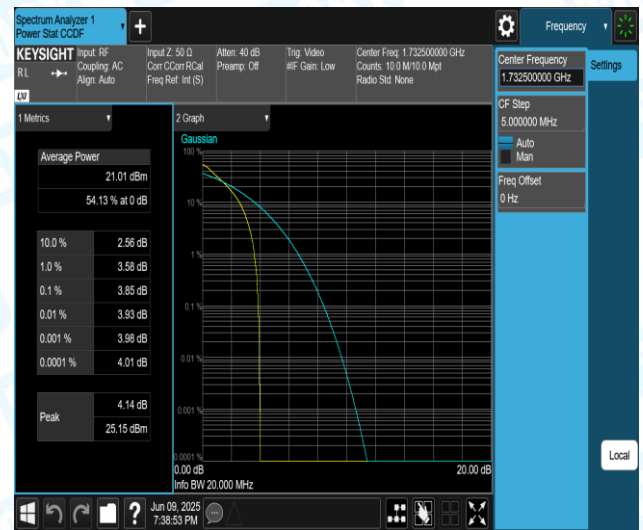
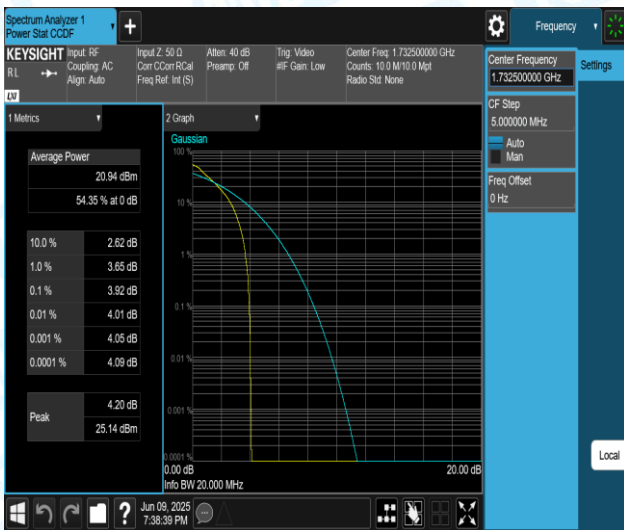
Band 4 - 20 MHz - QPSK - 20050 - PASS

Band 4 - 20 MHz - 16QAM - 20050 - PASS



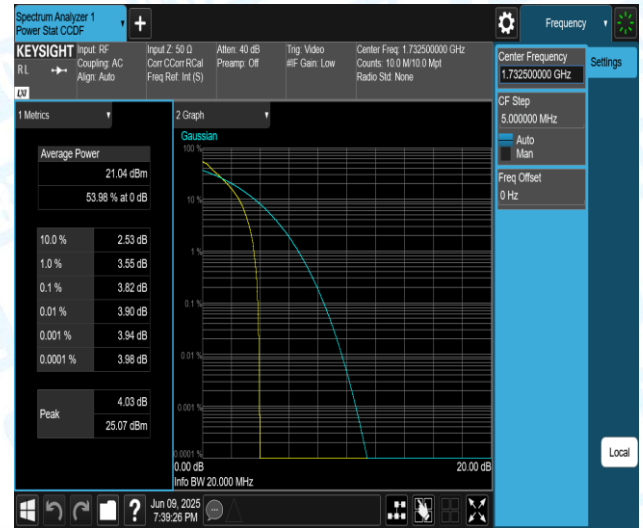
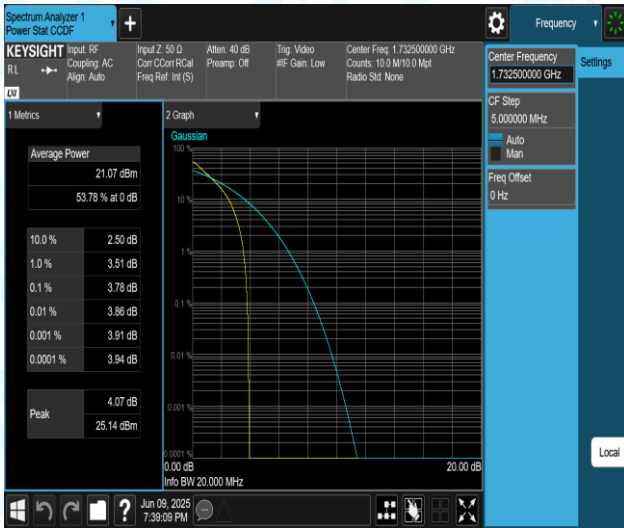
Band 4 - 20 MHz - QPSK - 20050 - PASS

Band 4 - 20 MHz - 16QAM - 20050 - PASS



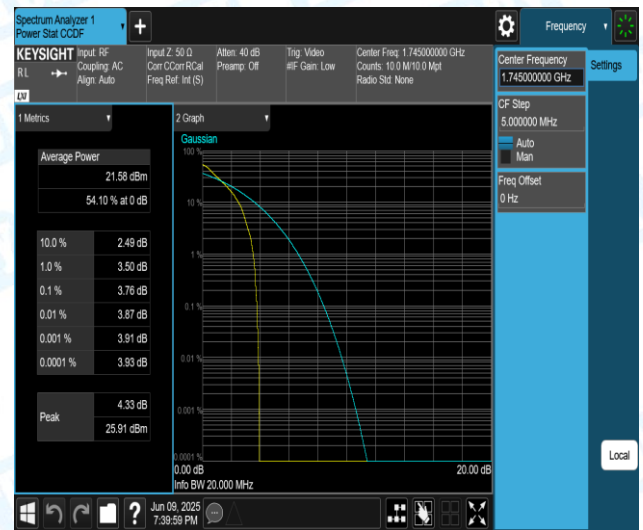
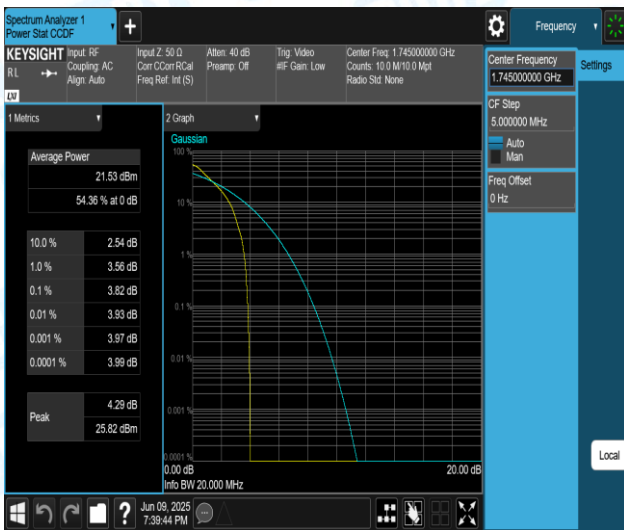
Band 4 - 20 MHz - QPSK - 20175 - PASS

Band 4 - 20 MHz - 16QAM - 20175 - PASS



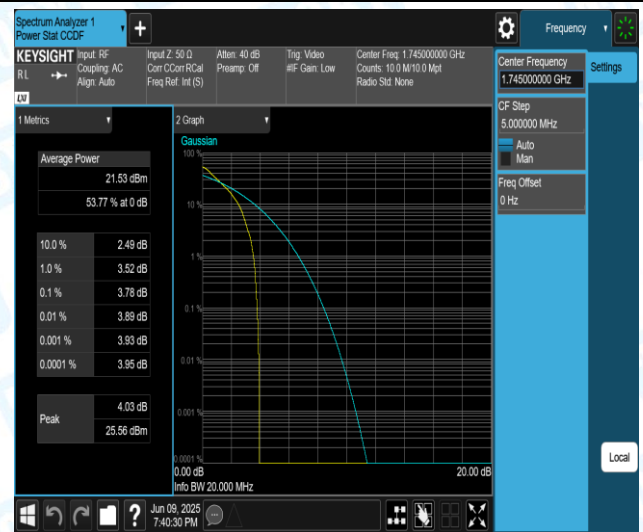
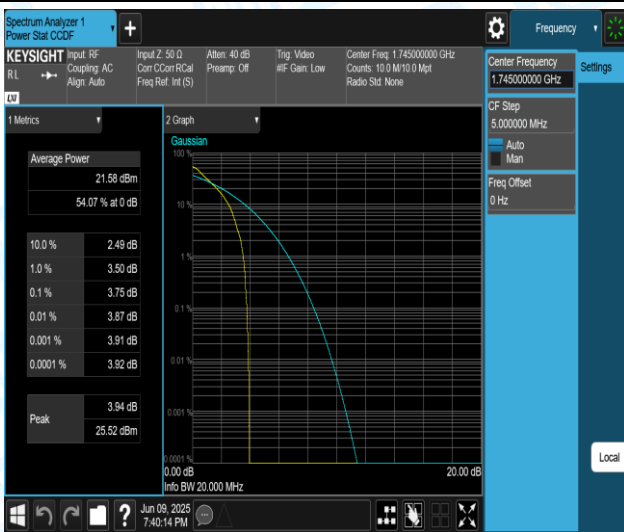
Band 4 - 20 MHz - QPSK - 20175 - PASS

Band 4 - 20 MHz - 16QAM - 20175 - PASS



Band 4 - 20 MHz - QPSK - 20300 - PASS

Band 4 - 20 MHz - 16QAM - 20300 - PASS



Band 4 - 20 MHz - QPSK - 20300 - PASS

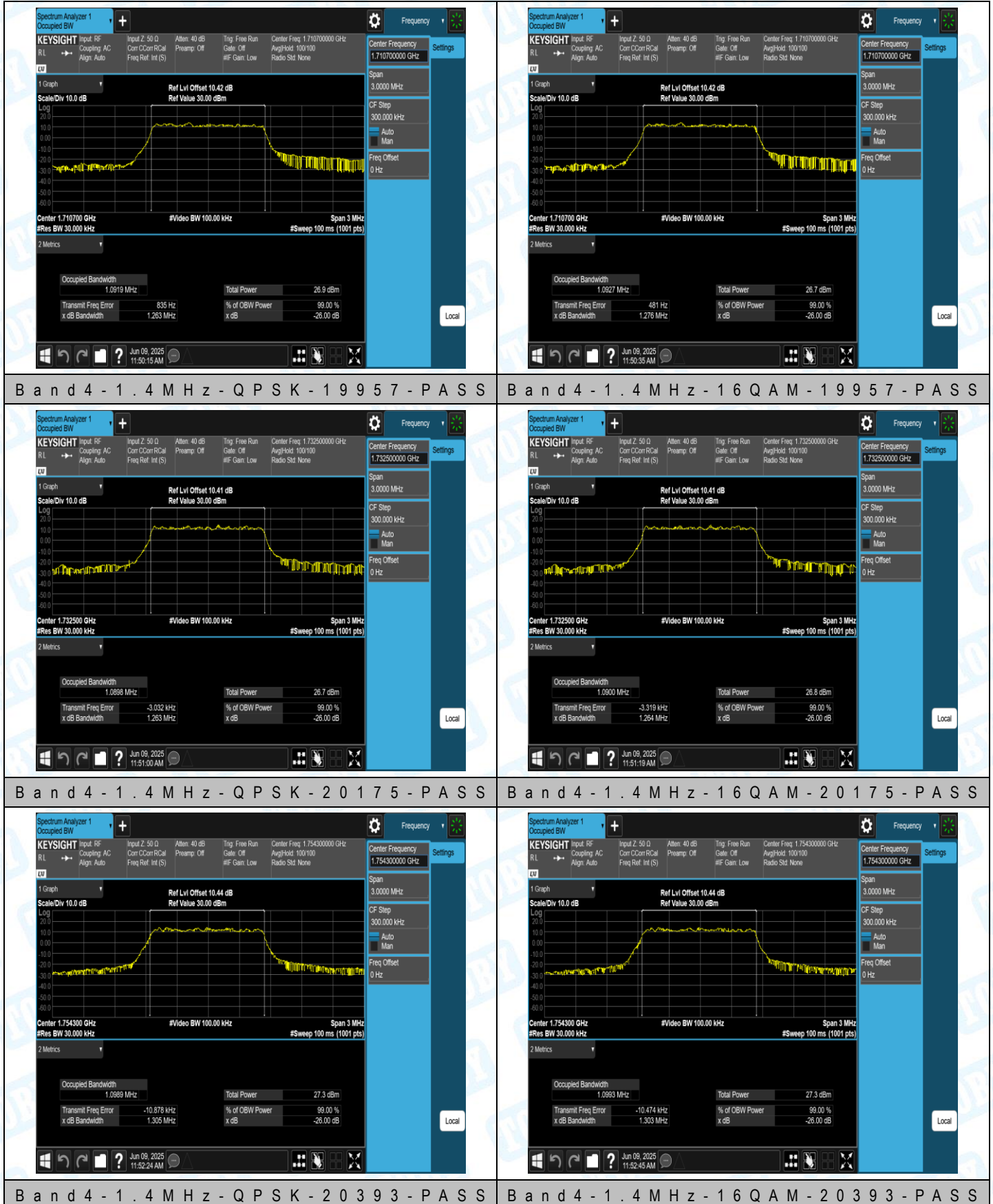
Band 4 - 20 MHz - 16QAM - 20300 - PASS

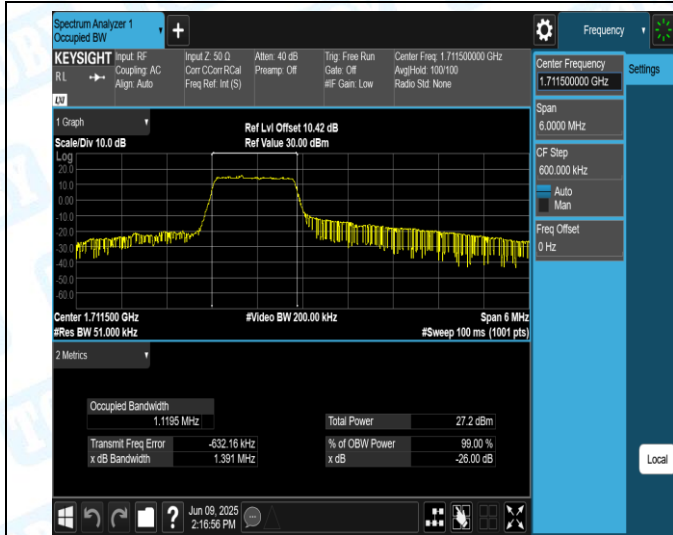
3: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	19957	QPSK	6	0	Low	1.0919	1.263	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	1.0927	1.276	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	1.0898	1.263	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	1.0900	1.264	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	1.0989	1.305	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	1.0993	1.303	PASS
Band4	3MHz	19965	QPSK	6	0	Low	1.1195	1.391	PASS
Band4	3MHz	19965	16QAM	6	0	Low	1.1192	1.391	PASS
Band4	3MHz	20175	QPSK	6	0	Low	1.1212	1.332	PASS
Band4	3MHz	20175	16QAM	6	0	Low	1.1188	1.339	PASS
Band4	3MHz	20385	QPSK	6	0	High	1.1222	1.326	PASS
Band4	3MHz	20385	16QAM	6	0	High	1.1181	1.331	PASS
Band4	5MHz	19975	QPSK	6	0	Low	1.1981	1.625	PASS
Band4	5MHz	19975	16QAM	6	0	Low	1.1906	1.646	PASS
Band4	5MHz	20175	QPSK	6	0	Low	1.1793	1.588	PASS
Band4	5MHz	20175	16QAM	6	0	Low	1.1794	1.604	PASS
Band4	5MHz	20375	QPSK	6	0	High	1.2040	1.476	PASS
Band4	5MHz	20375	16QAM	6	0	High	1.2047	1.478	PASS
Band4	10MHz	20000	QPSK	6	0	Low	1.4338	2.741	PASS
Band4	10MHz	20000	16QAM	6	0	Low	1.3966	2.782	PASS
Band4	10MHz	20175	QPSK	6	0	Low	1.3808	2.228	PASS
Band4	10MHz	20175	16QAM	6	0	Low	1.3986	2.317	PASS
Band4	10MHz	20350	QPSK	6	0	High	1.3650	2.005	PASS
Band4	10MHz	20350	16QAM	6	0	High	1.3736	2.086	PASS
Band4	15MHz	20025	QPSK	6	0	Low	1.8497	3.538	PASS
Band4	15MHz	20025	16QAM	6	0	Low	1.9461	3.488	PASS
Band4	15MHz	20175	QPSK	6	0	Low	1.8647	3.360	PASS
Band4	15MHz	20175	16QAM	6	0	Low	1.7688	3.305	PASS
Band4	15MHz	20325	QPSK	6	0	High	1.6227	3.204	PASS
Band4	15MHz	20325	16QAM	6	0	High	1.6132	3.160	PASS
Band4	20MHz	20050	QPSK	6	0	Low	2.7352	4.961	PASS
Band4	20MHz	20050	16QAM	6	0	Low	2.6734	4.818	PASS
Band4	20MHz	20175	QPSK	6	0	Low	2.5812	4.454	PASS
Band4	20MHz	20175	16QAM	6	0	Low	2.4956	4.513	PASS
Band4	20MHz	20300	QPSK	6	0	High	2.2950	4.393	PASS
Band4	20MHz	20300	16QAM	6	0	High	2.1859	4.377	PASS

Test Graphs

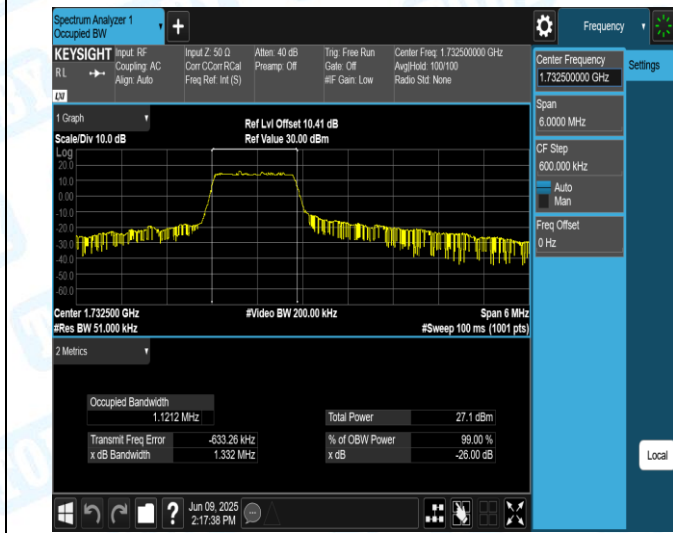




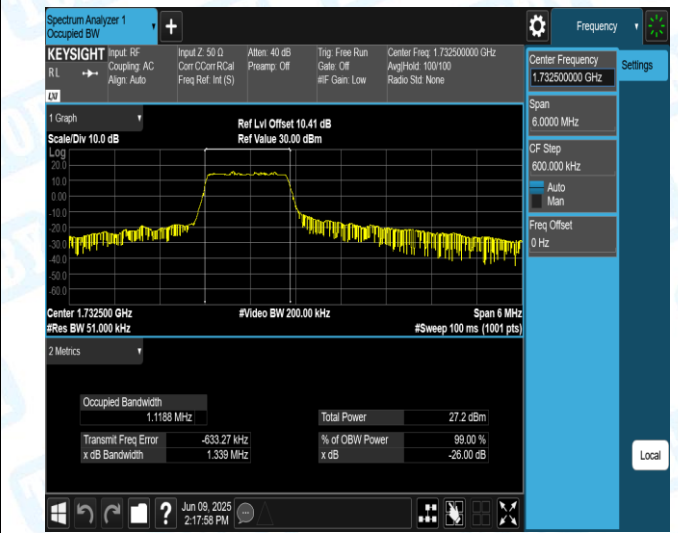
Band 4 - 3 MHz - QPSK - 19965 - PASS



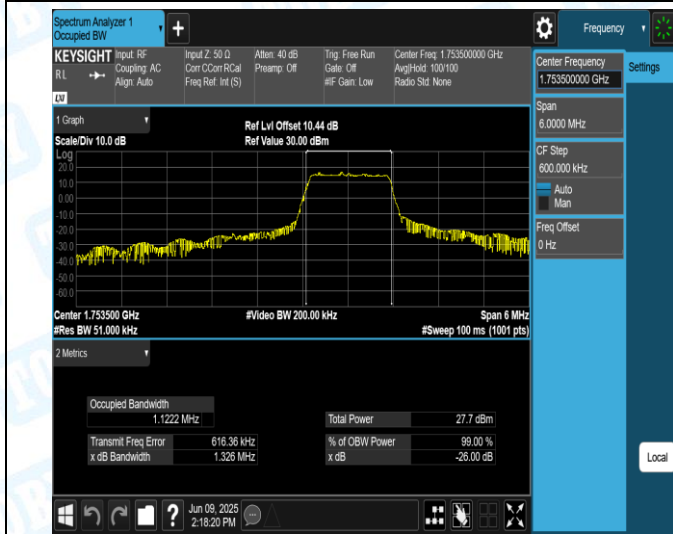
Band 4 - 3 MHz - 16QAM - 19965 - PASS



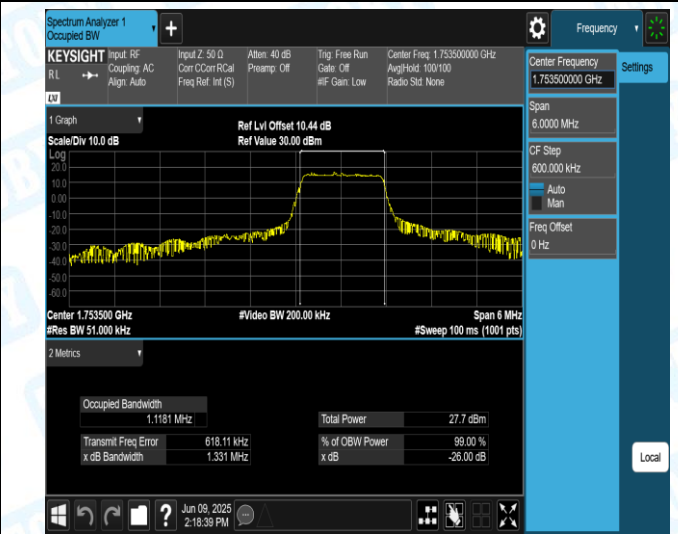
Band 4 - 3 MHz - QPSK - 20175 - PASS



Band 4 - 3 MHz - 16QAM - 20175 - PASS



Band 4 - 3 MHz - QPSK - 20385 - PASS



Band 4 - 3 MHz - 16QAM - 20385 - PASS