



FCC Appendix RF Test Data for LTE Band 4

Product Name: Tablet

Test Model: PAD_A14

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

1 Peak-to-Average Ratio(CCDF)

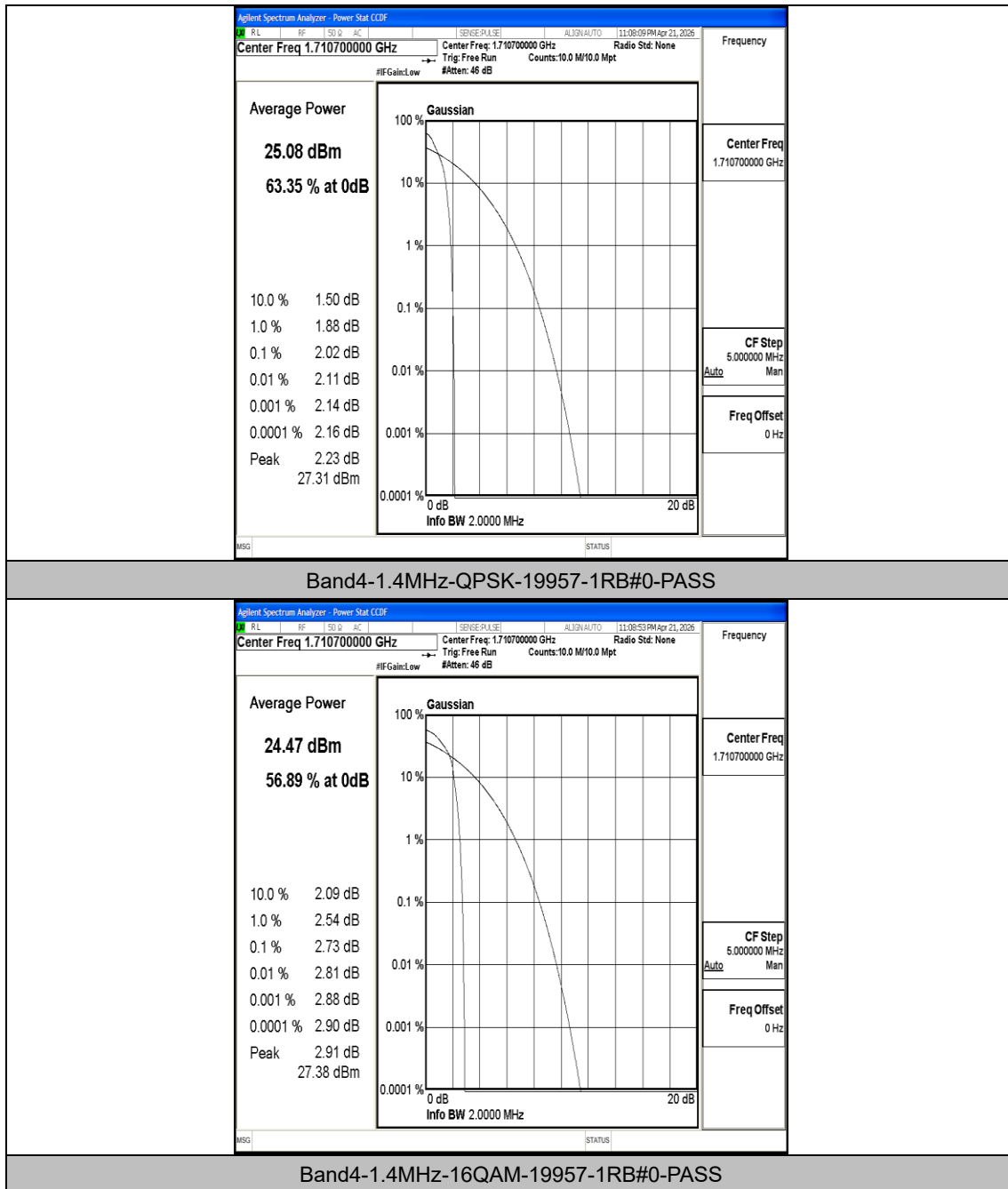
Test Result

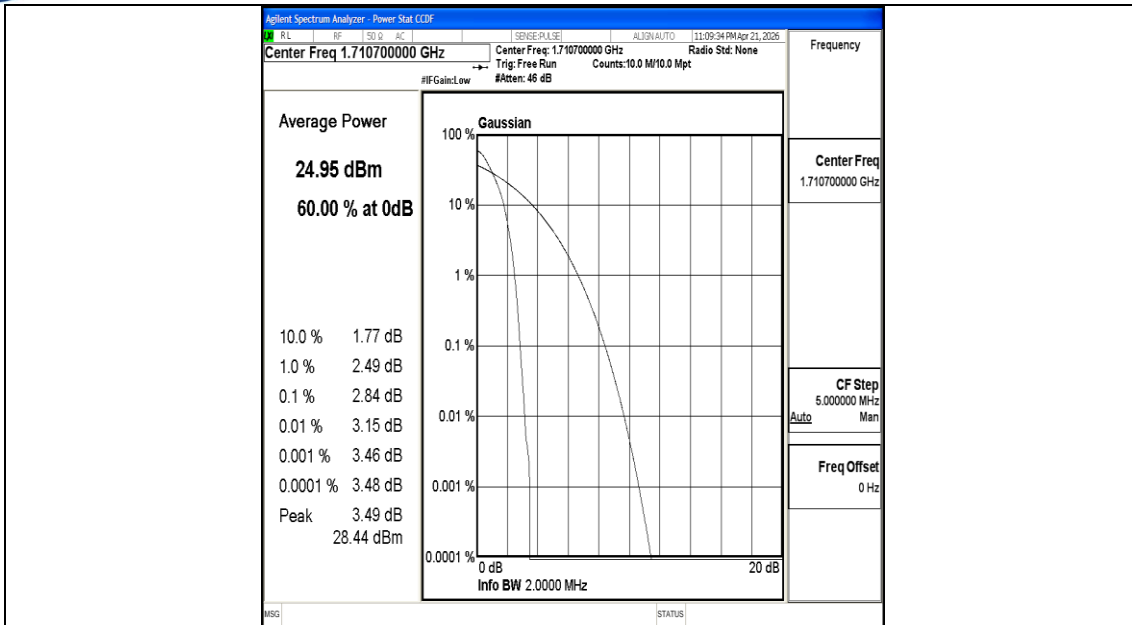
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	2.02	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	2.73	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	2.84	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3.21	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.10	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.75	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.86	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.13	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1.58	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	2.20	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	2.43	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	2.88	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.82	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.53	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.59	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.25	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.46	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.19	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.02	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.28	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	3.78	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.76	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.09	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.92	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.62	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.80	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.73	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.30	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.04	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.15	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.84	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.38	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	2.03	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	2.52	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	3.76	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.01	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	2.40	13	PASS



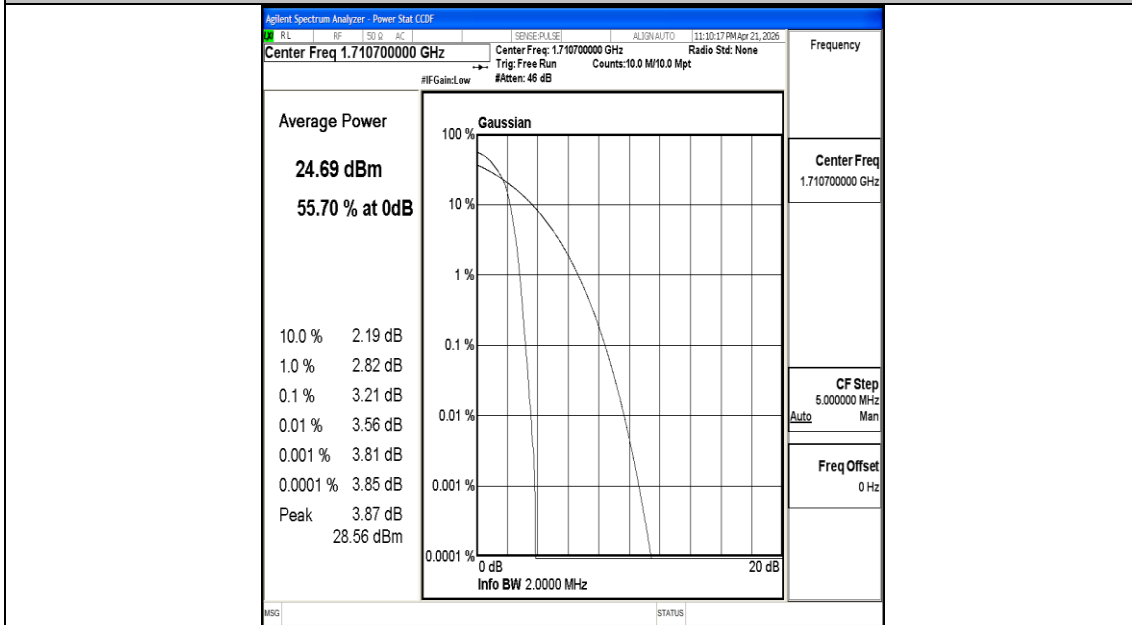
Band4	10MHz	16QAM	20000	1RB#0	3.09	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.28	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.32	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.64	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.69	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	2.53	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.14	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	3.96	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	4.30	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	2.24	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	2.71	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	4.58	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.59	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.17	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.51	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	2.93	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	3.50	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.20	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	4.49	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	1.91	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	2.50	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.20	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	4.62	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.00	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	3.47	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.90	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.44	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.03	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.15	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	4.49	13	PASS

Test Graphs

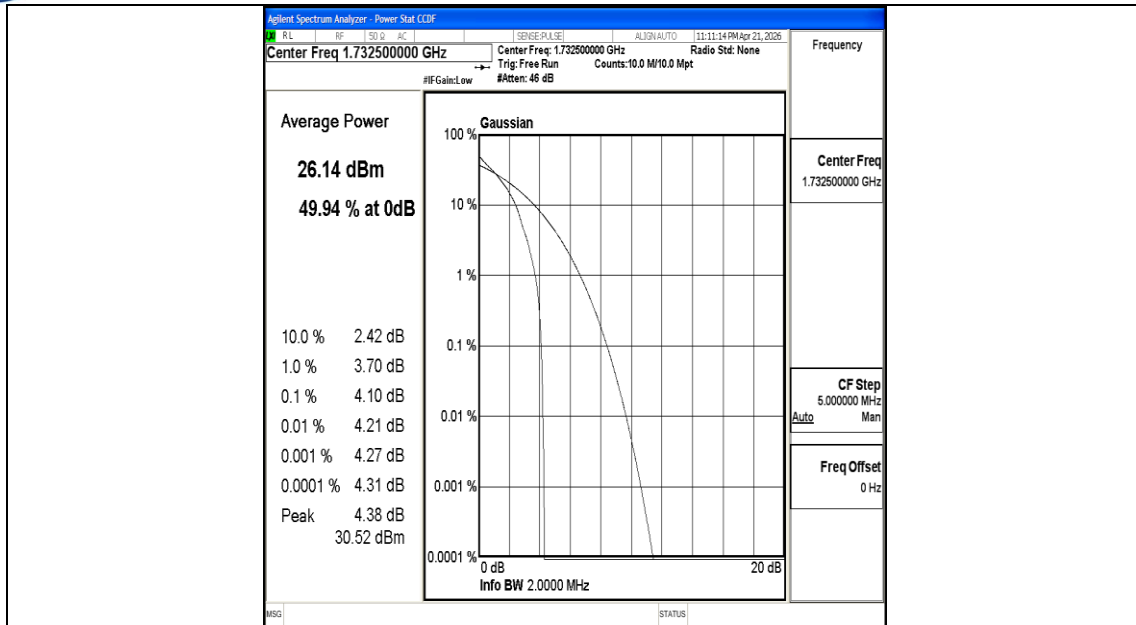




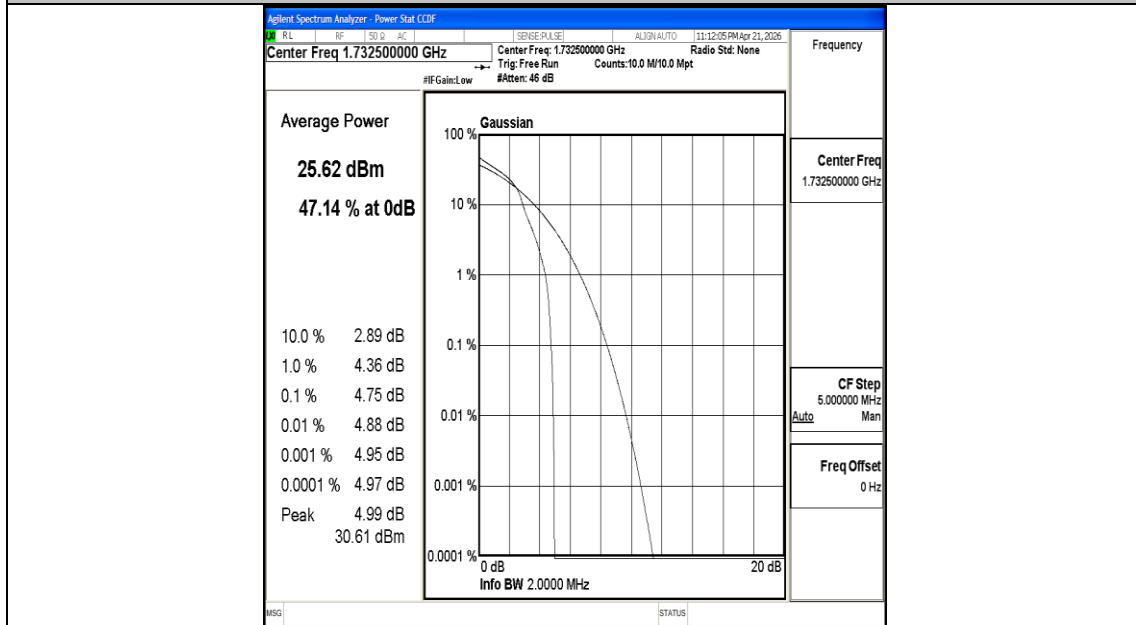
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



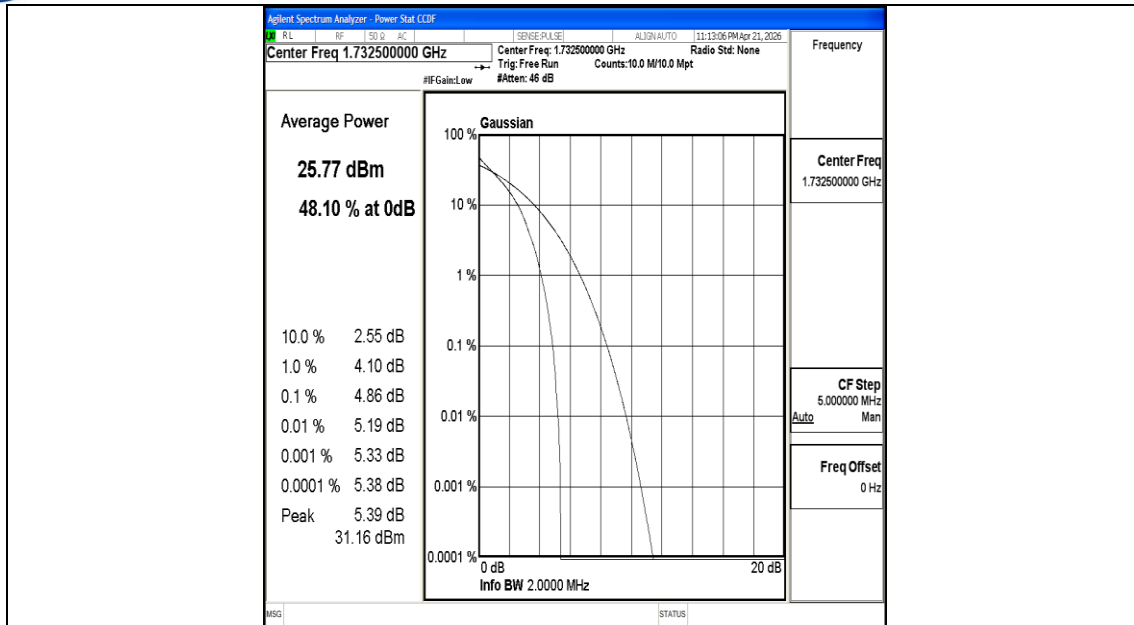
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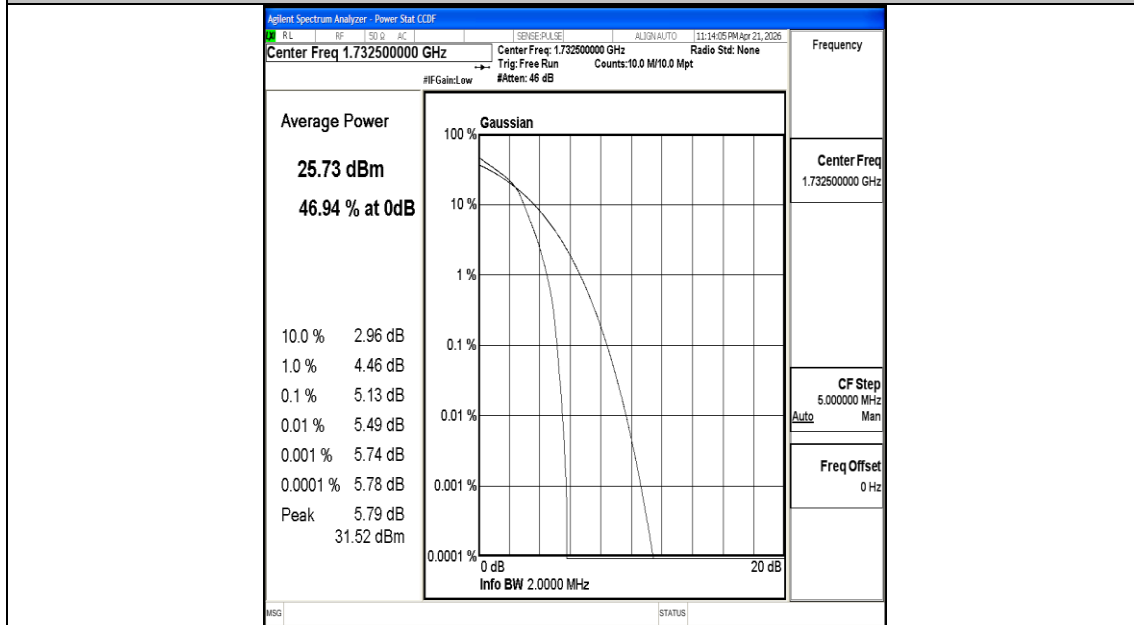
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



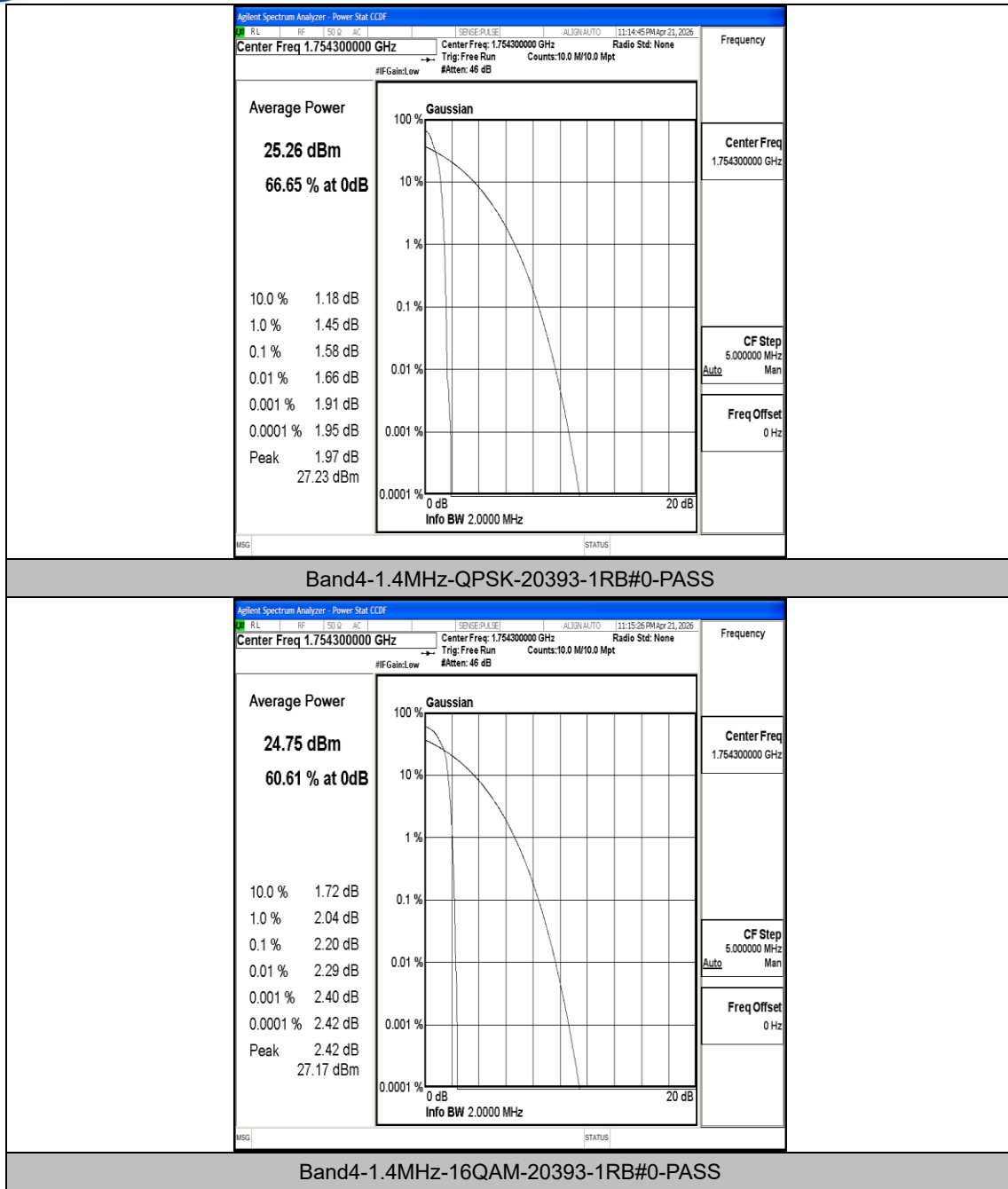
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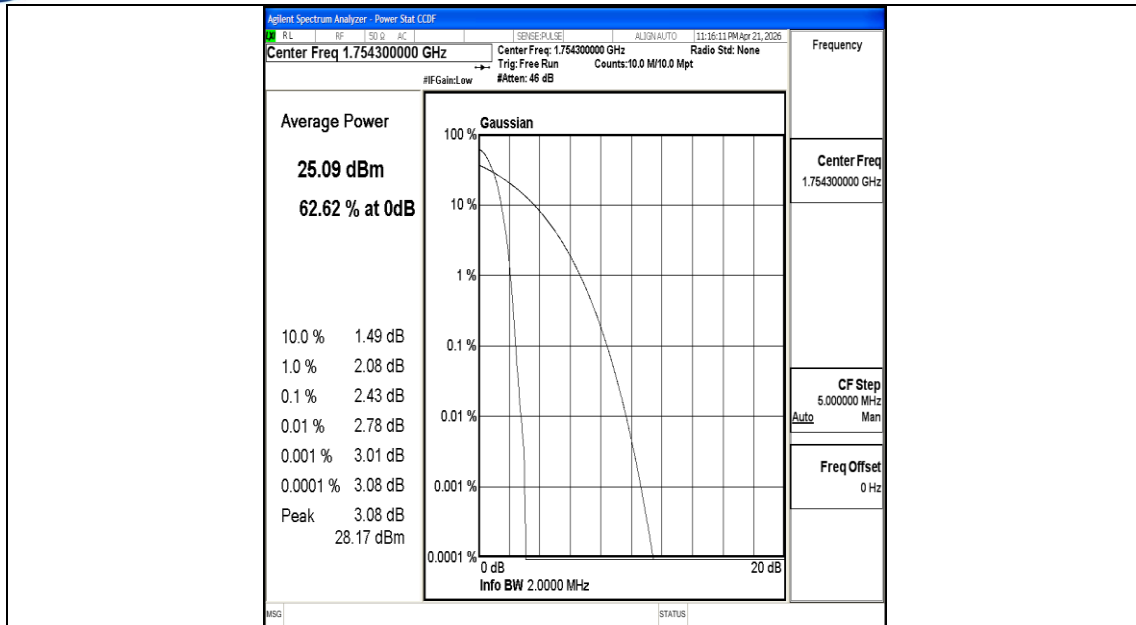


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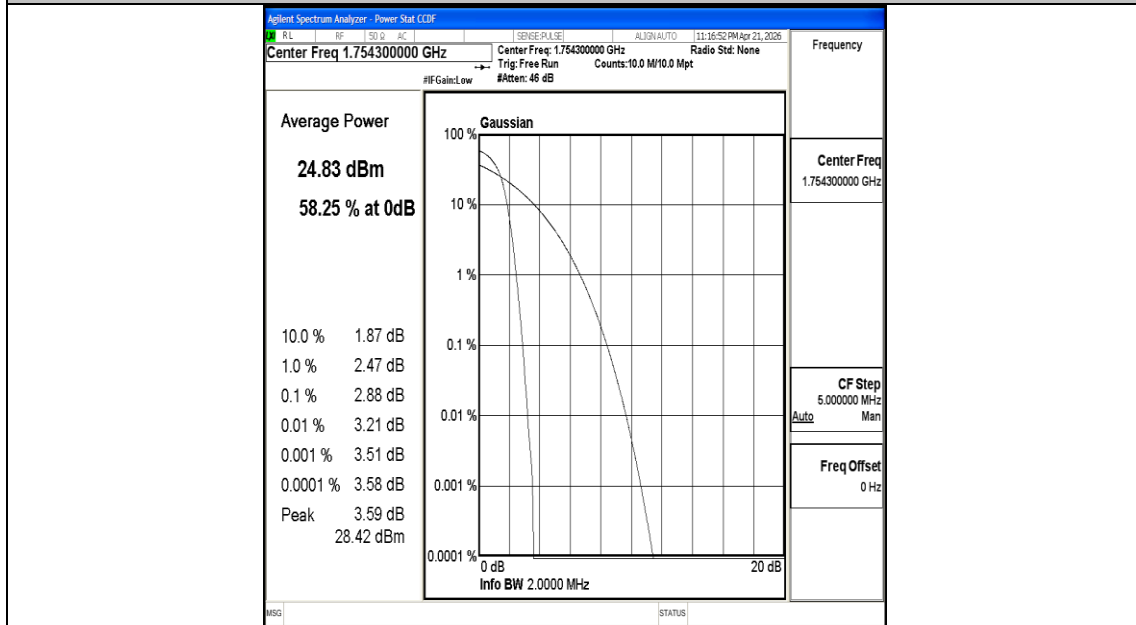


Band4-1.4MHz-16QAM-20175-6RB#0-PASS

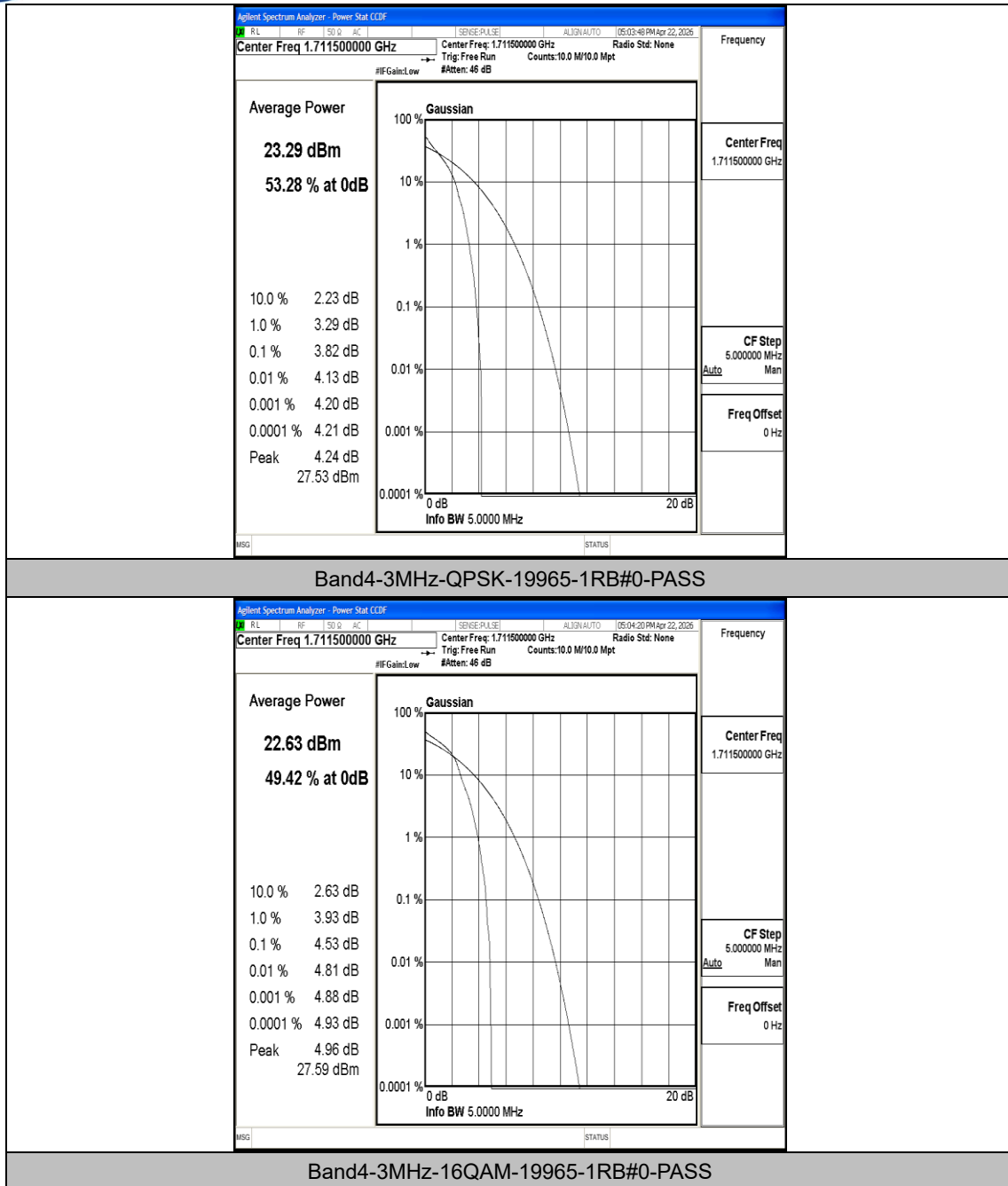


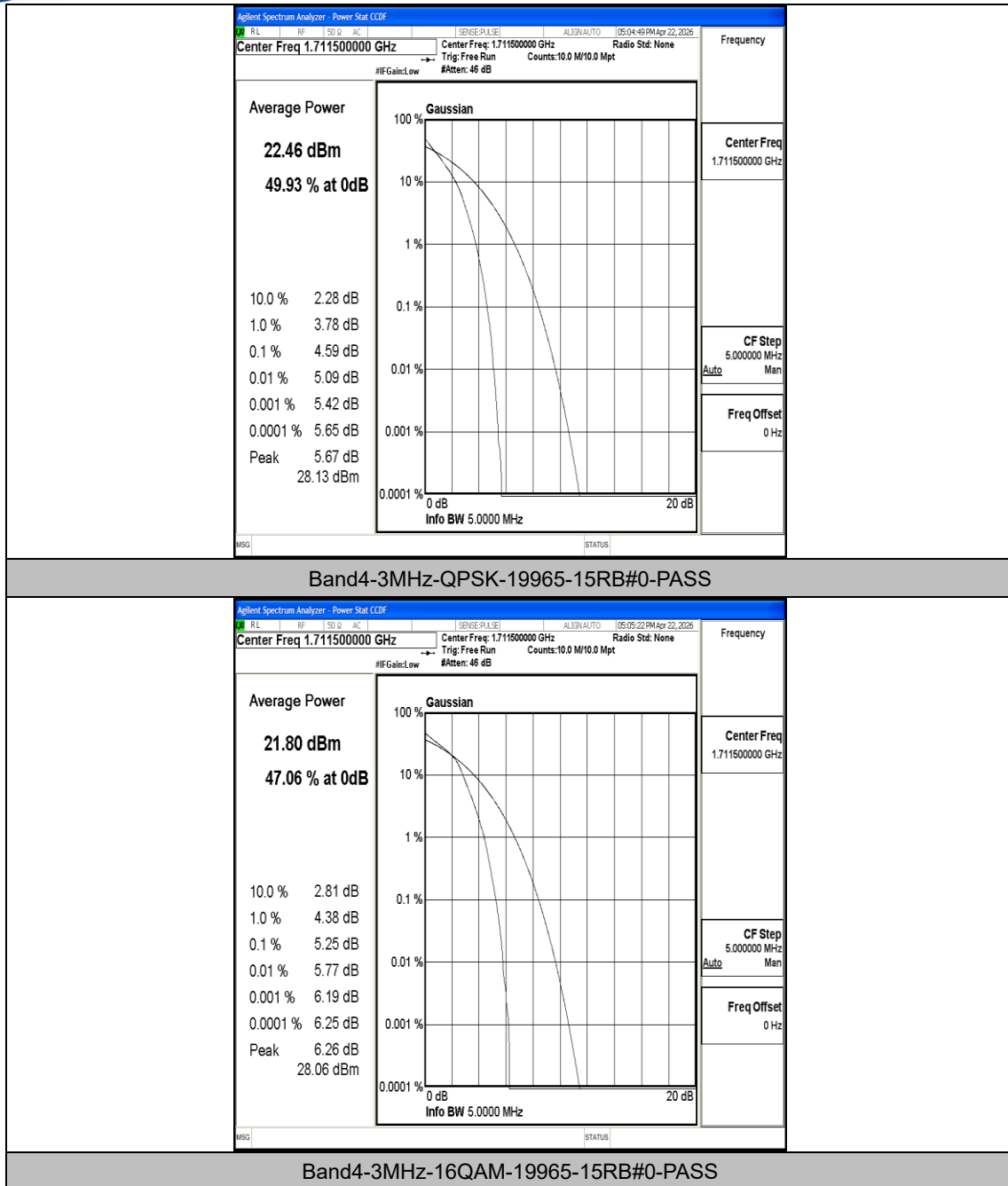


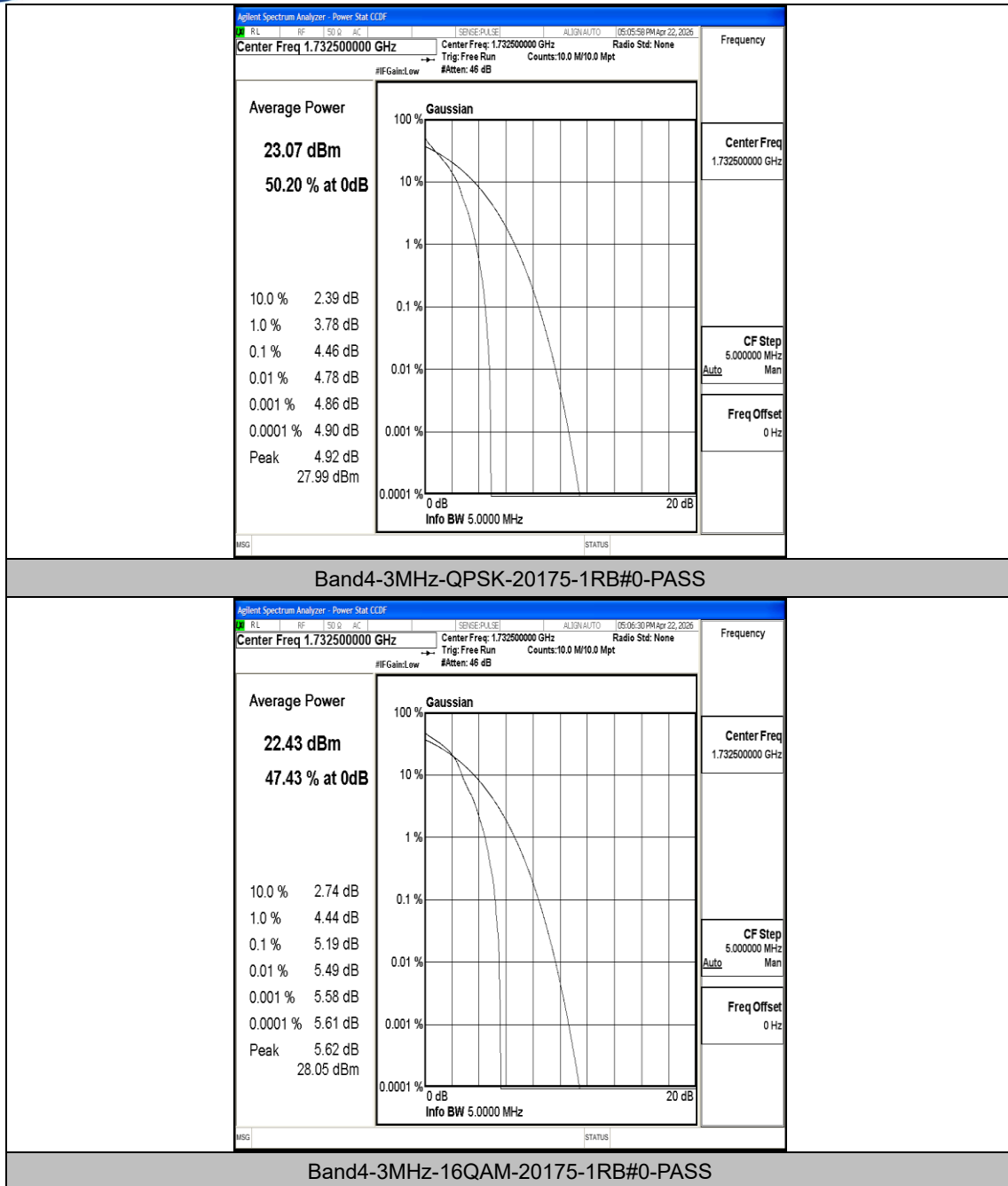
Band4-1.4MHz-QPSK-20393-6RB#0-PASS

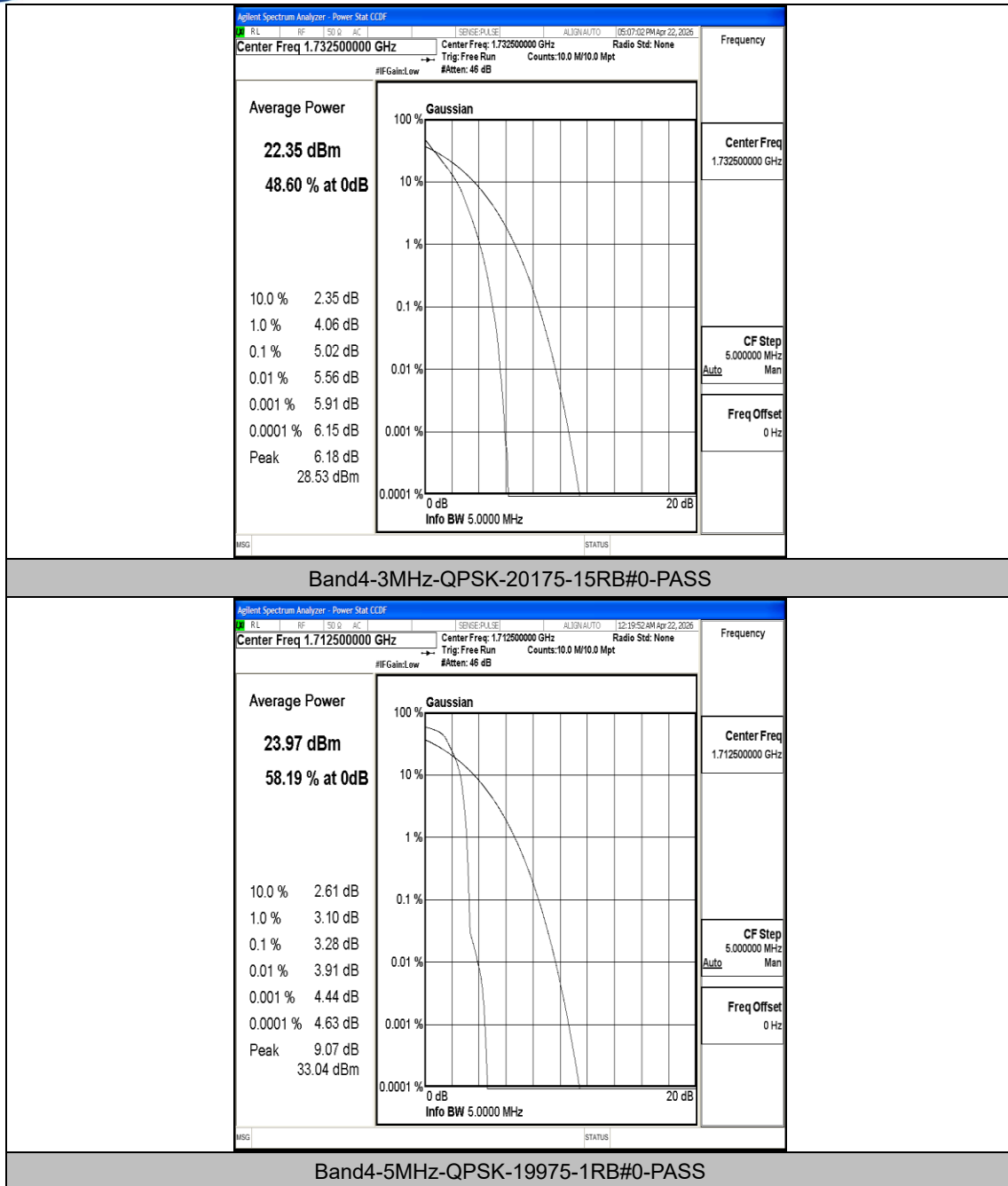


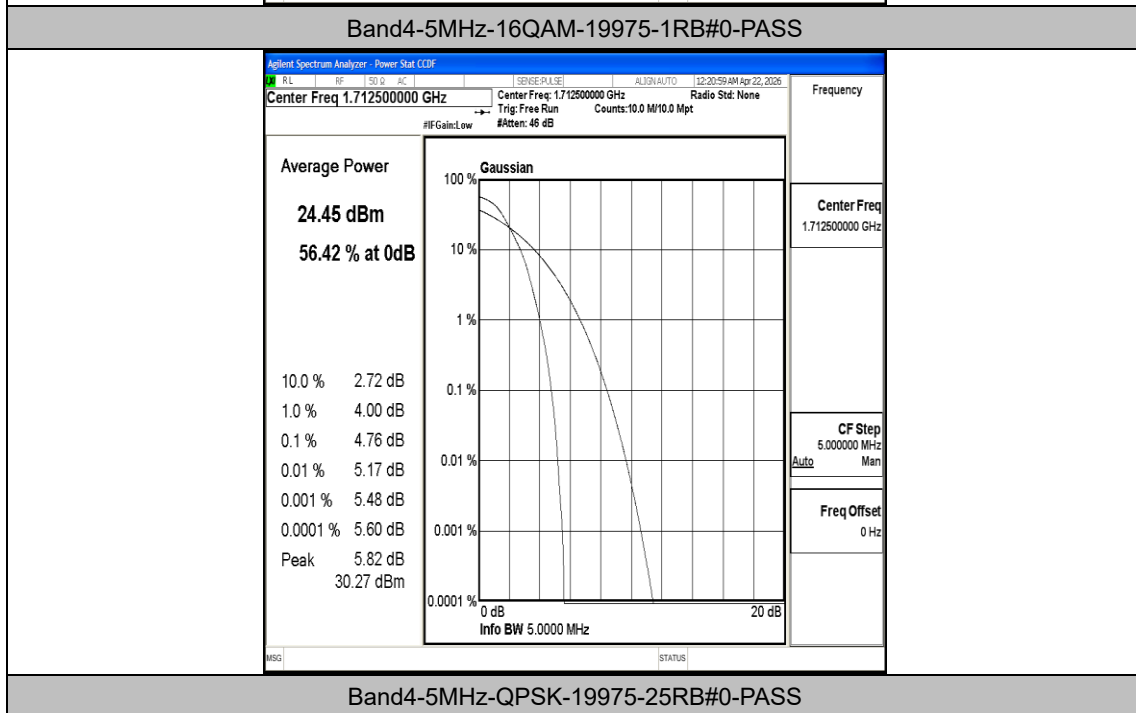
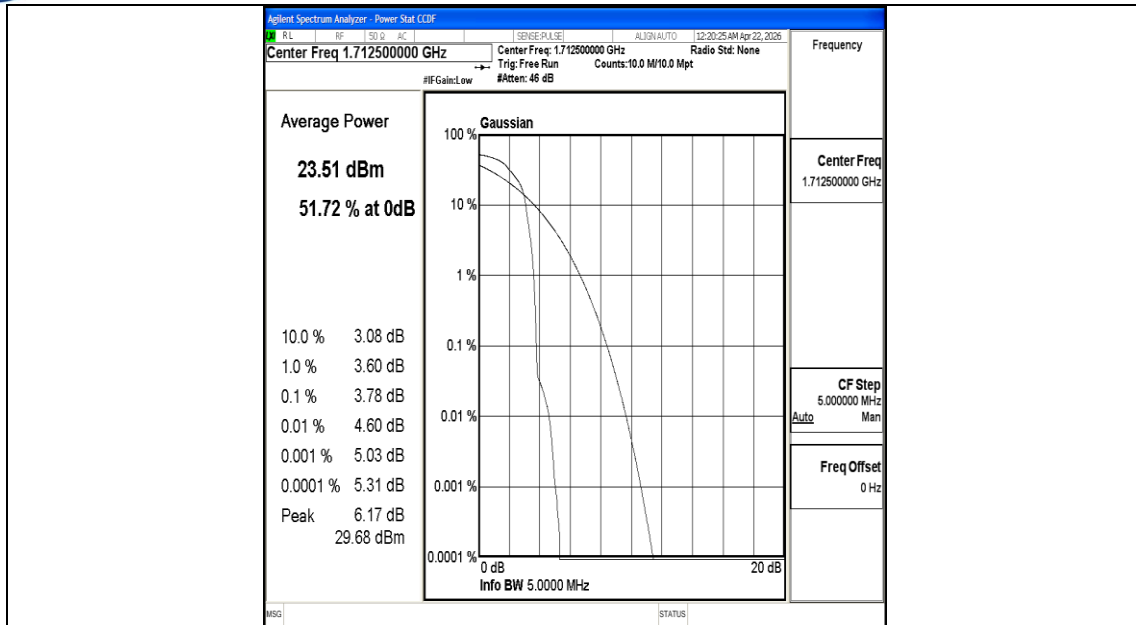
Band4-1.4MHz-16QAM-20393-6RB#0-PASS

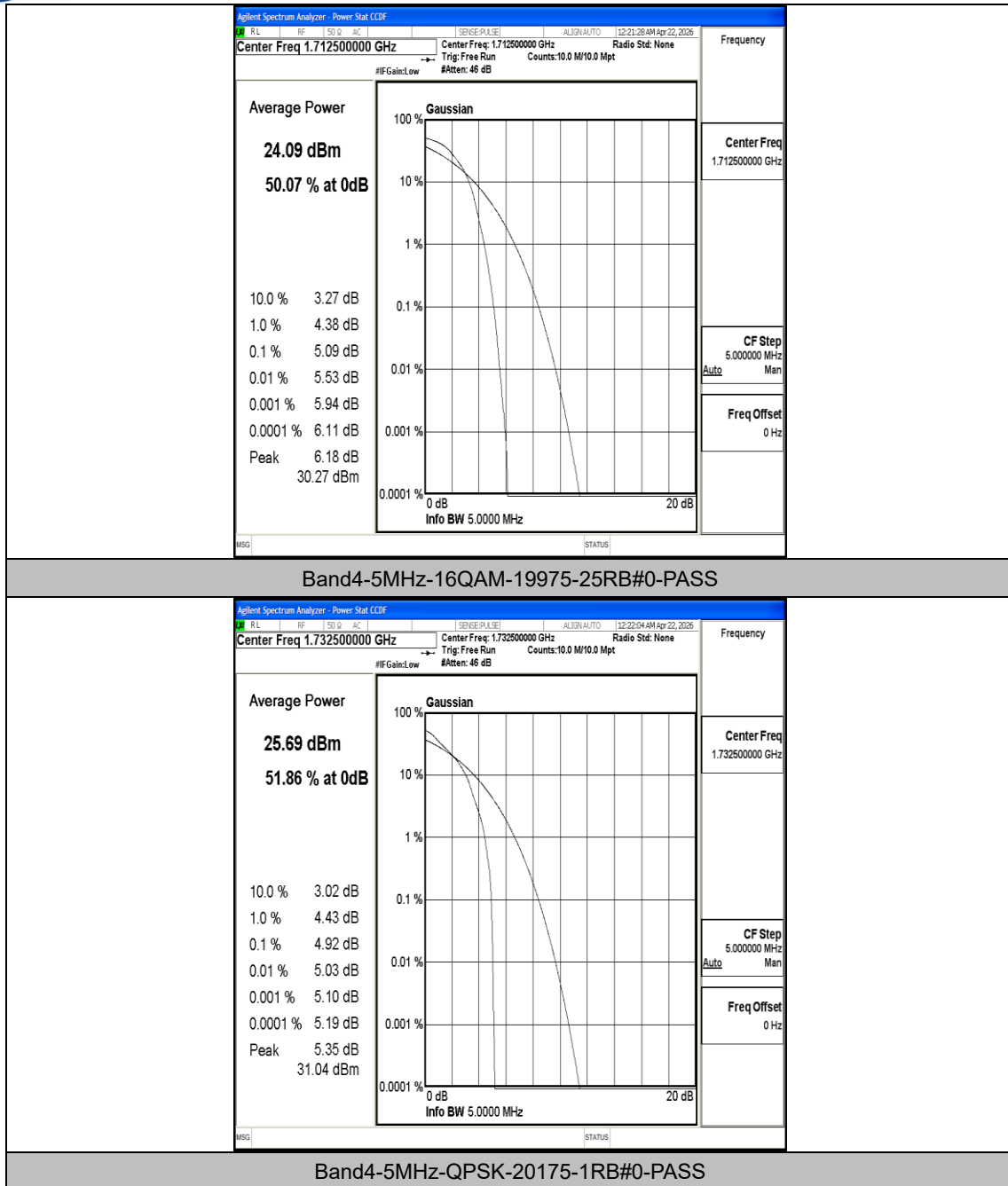


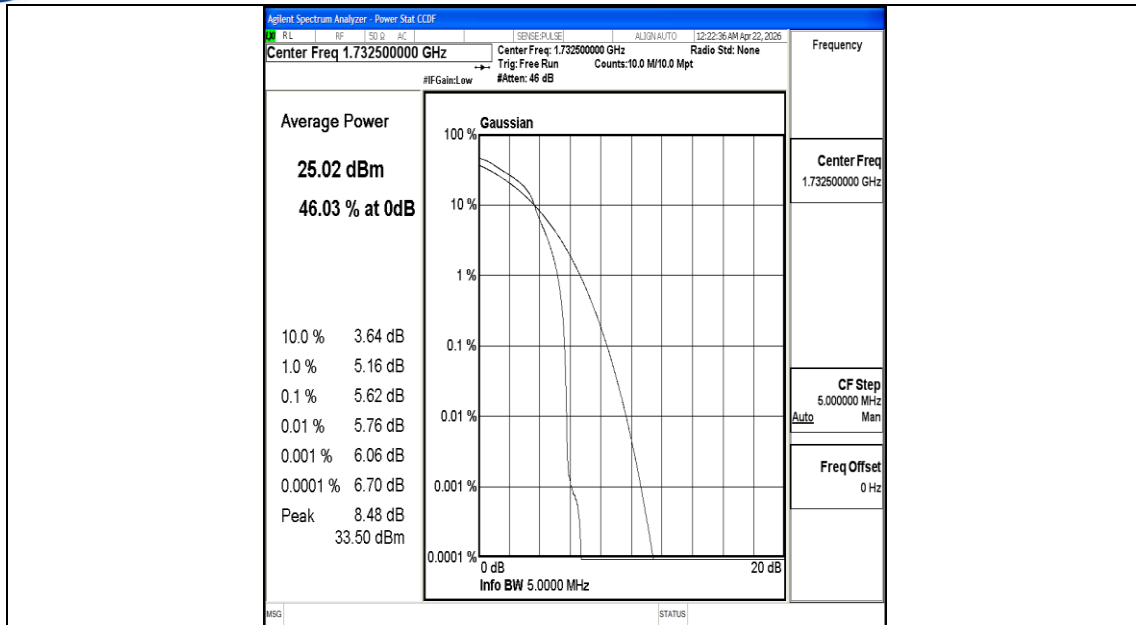




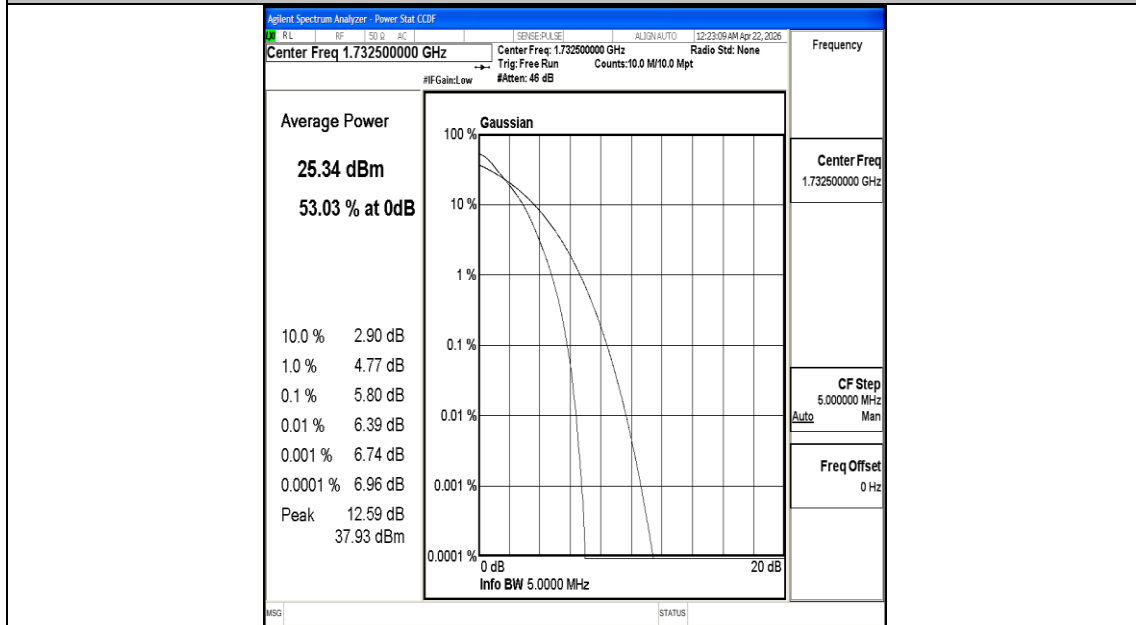




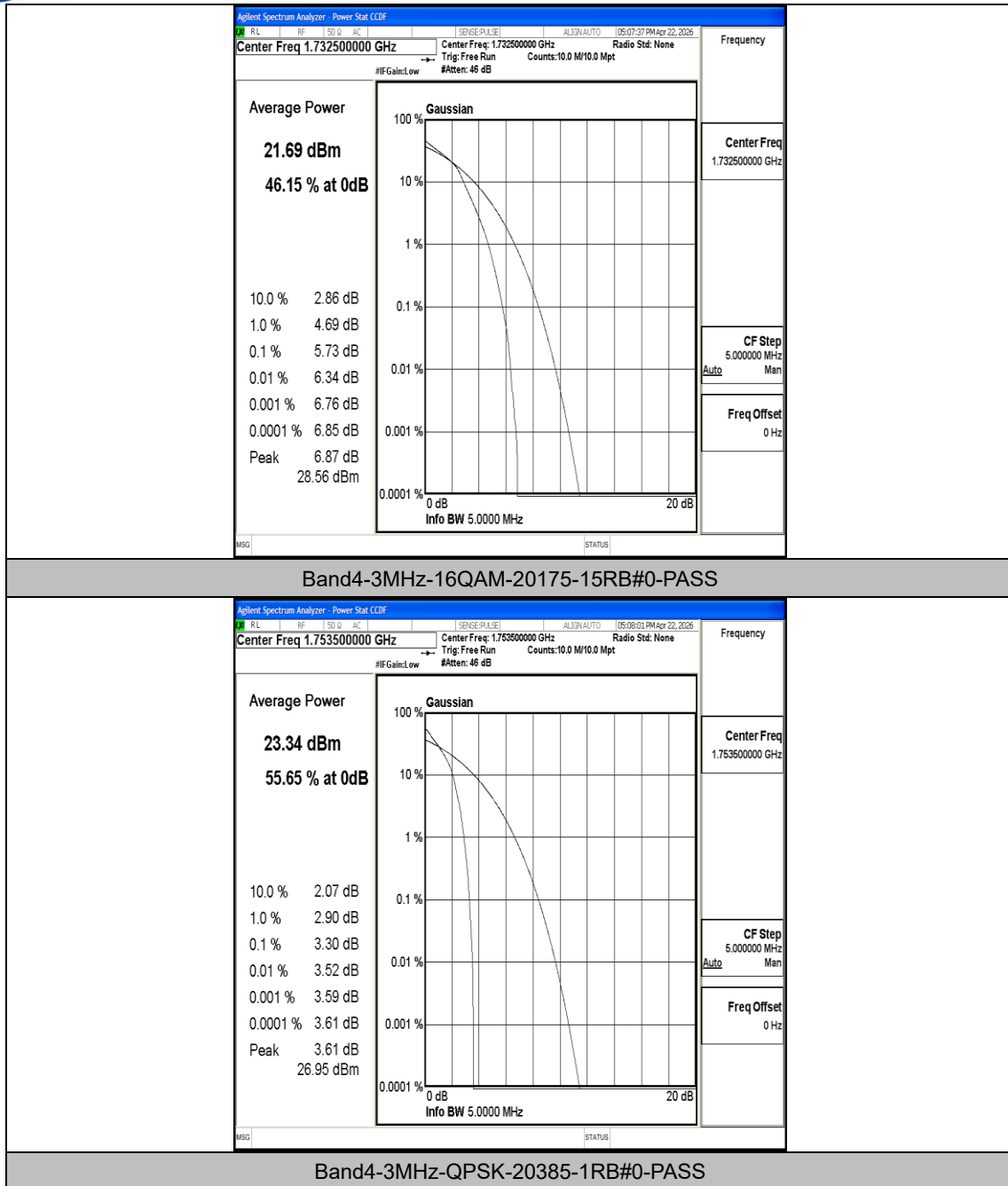


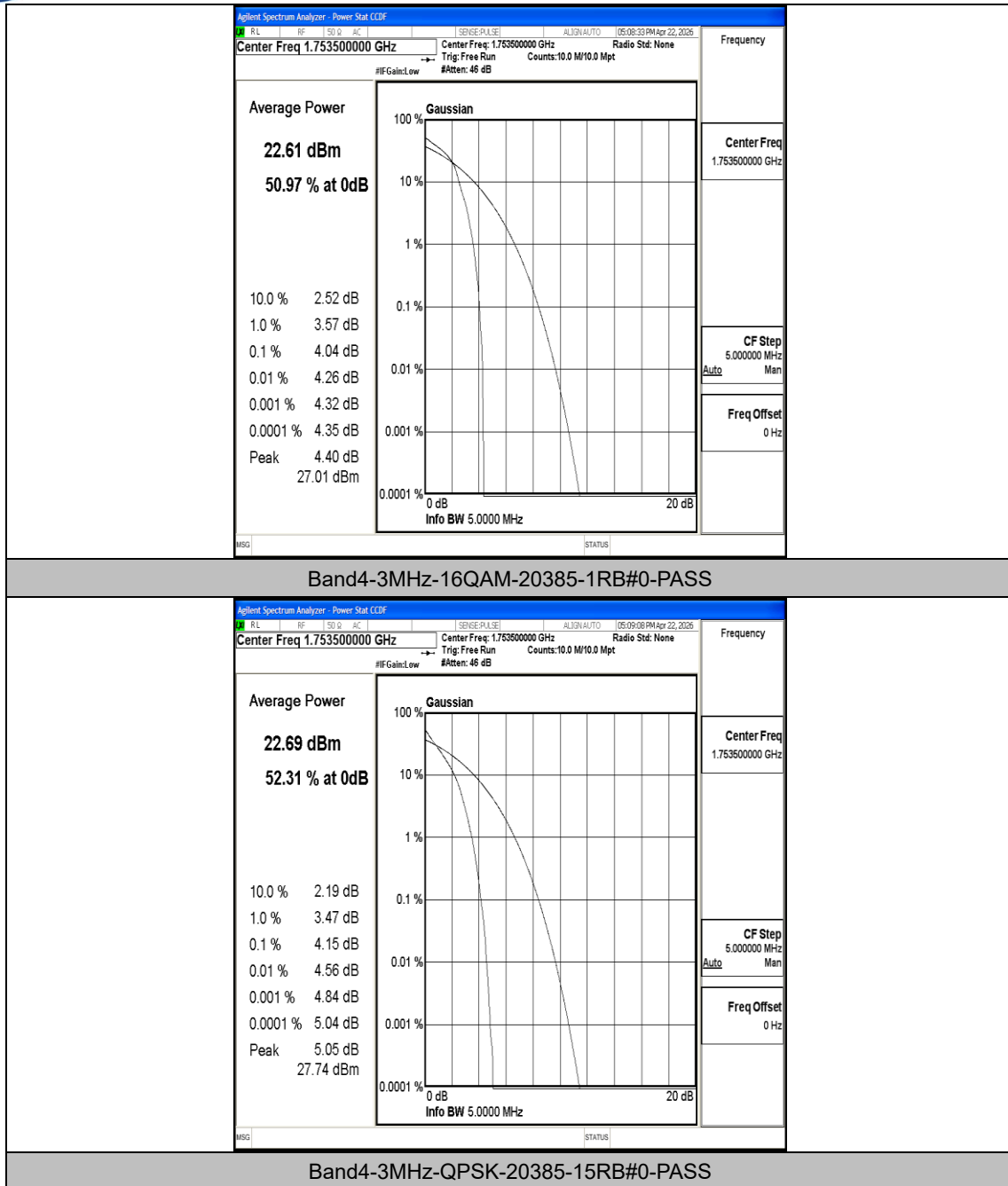


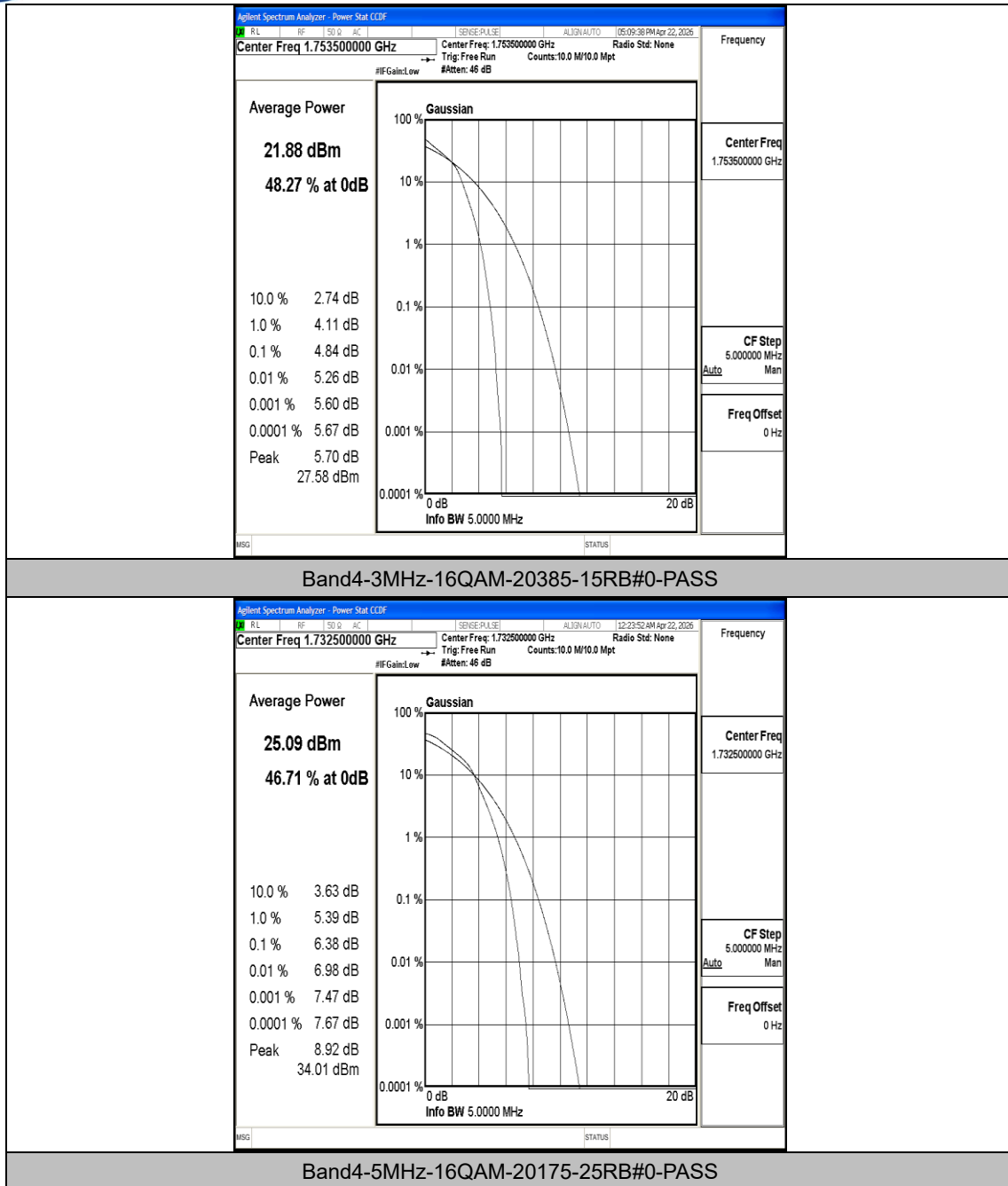
Band4-5MHz-16QAM-20175-1RB#0-PASS

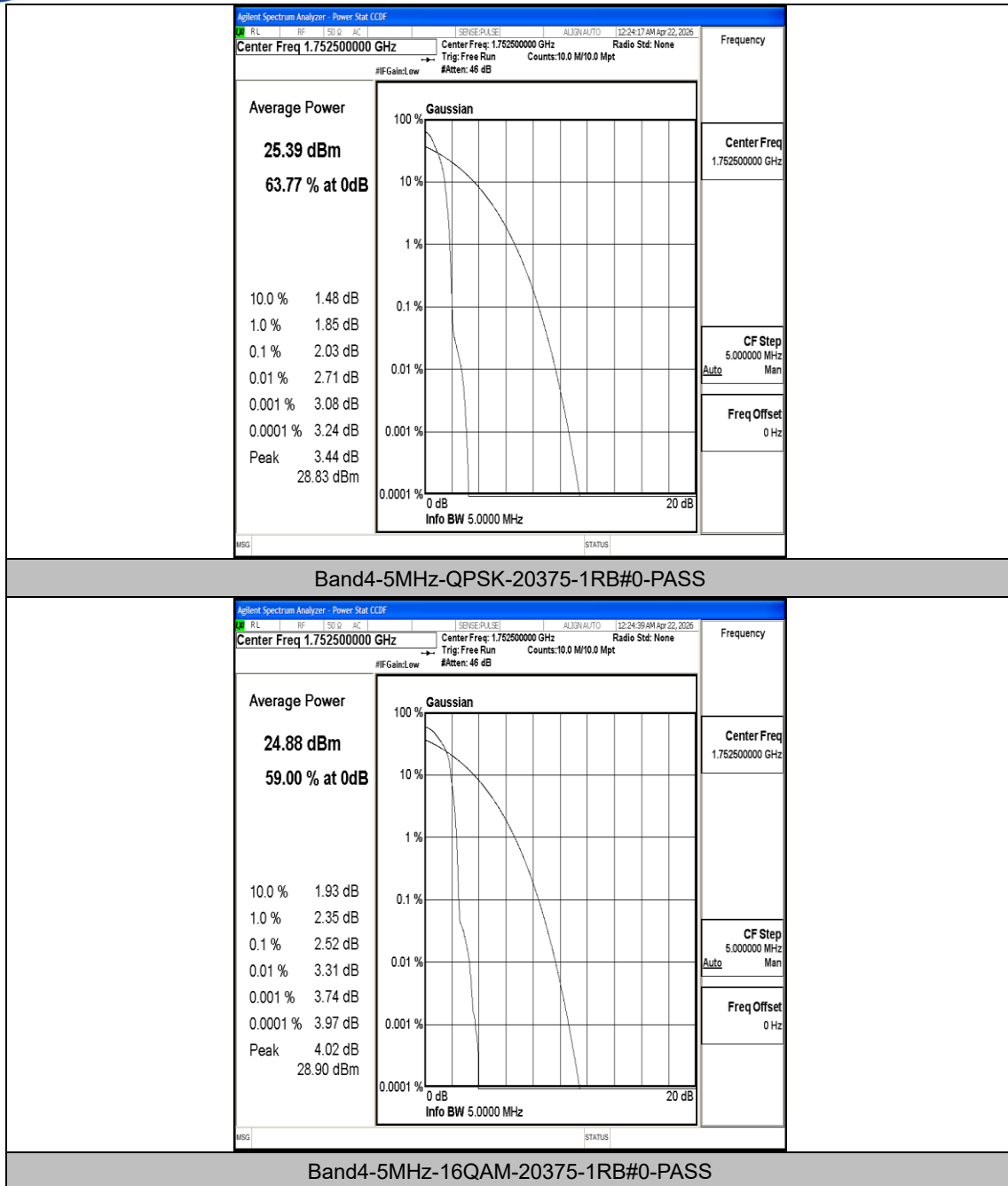


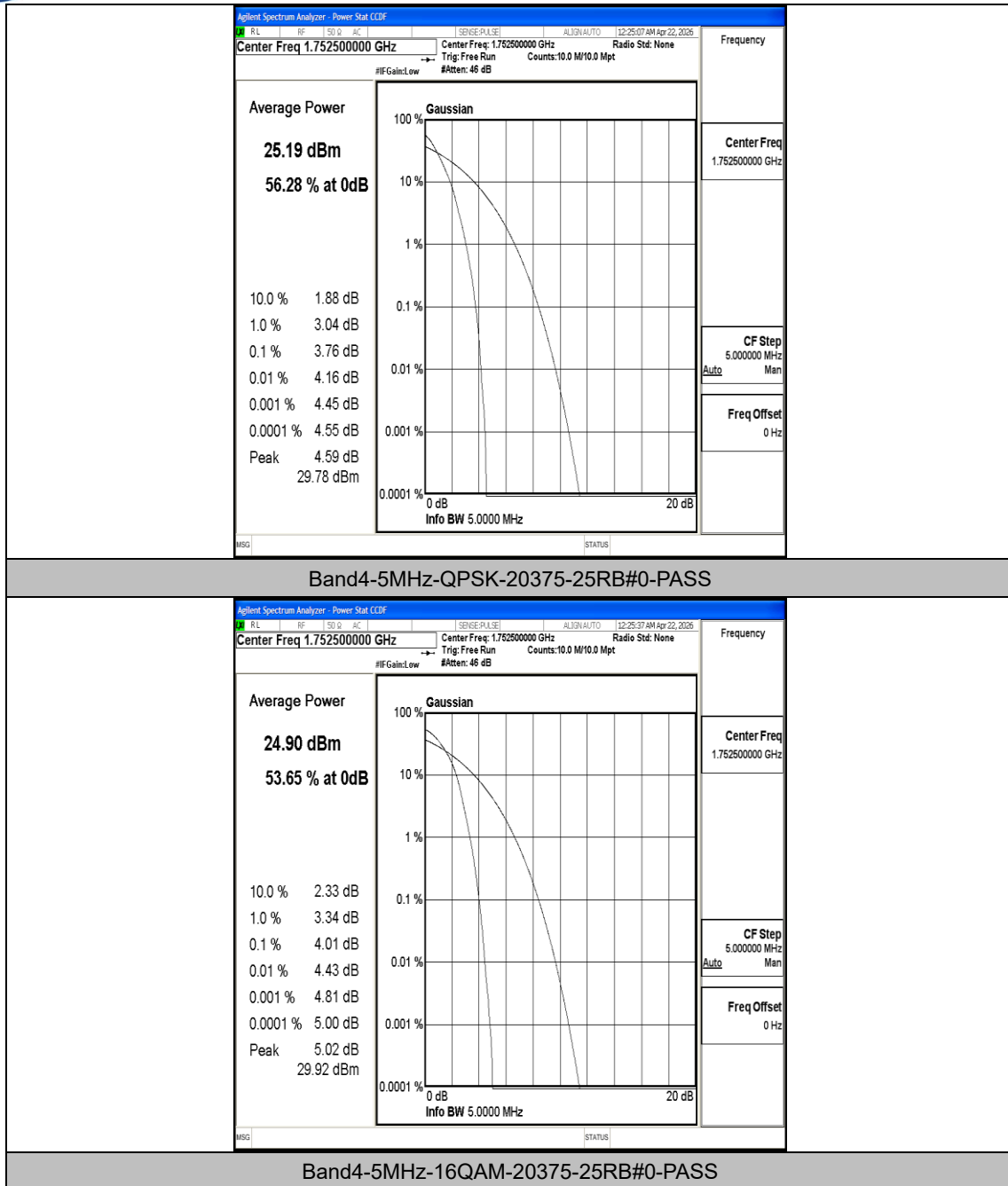
Band4-5MHz-QPSK-20175-25RB#0-PASS

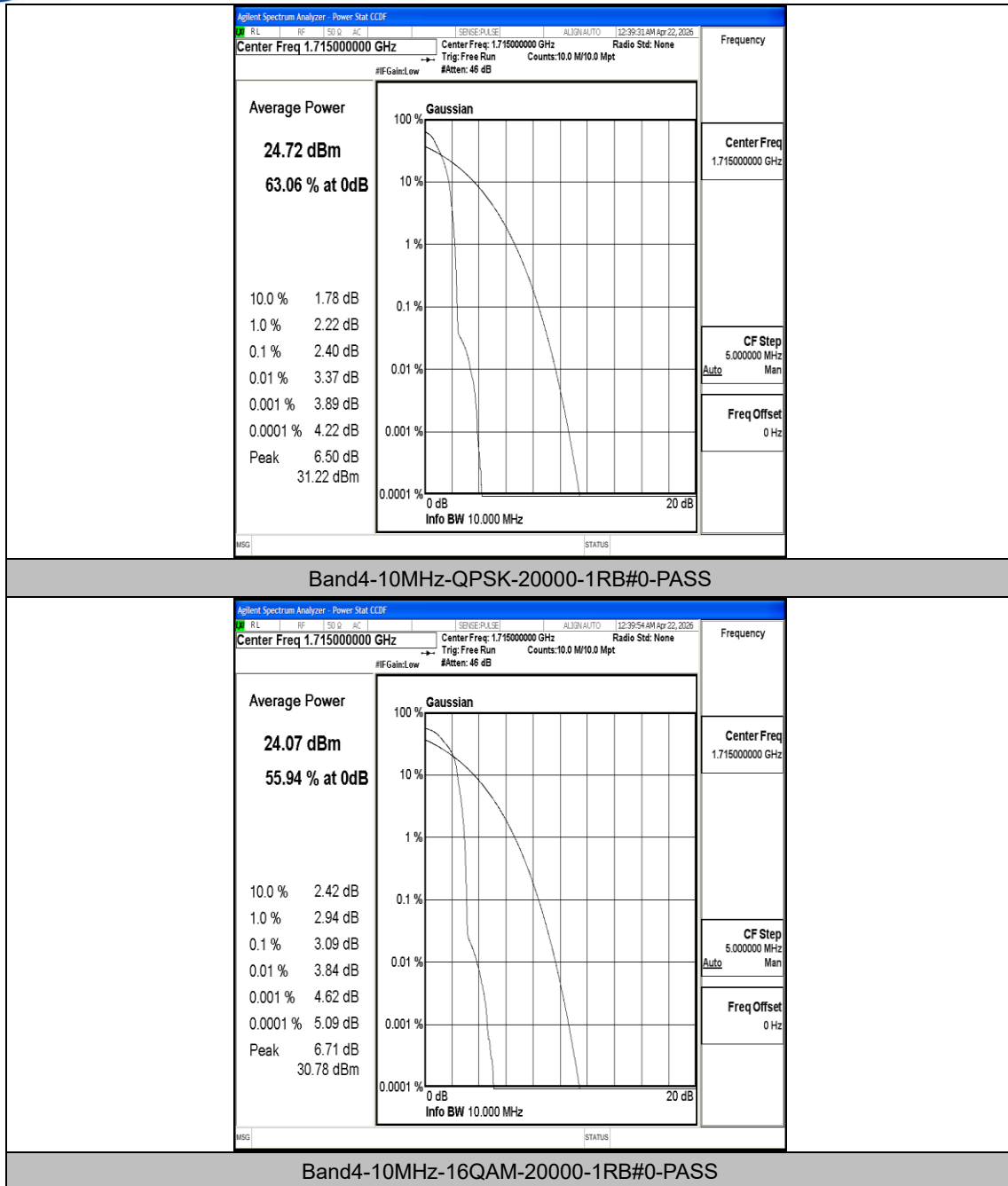


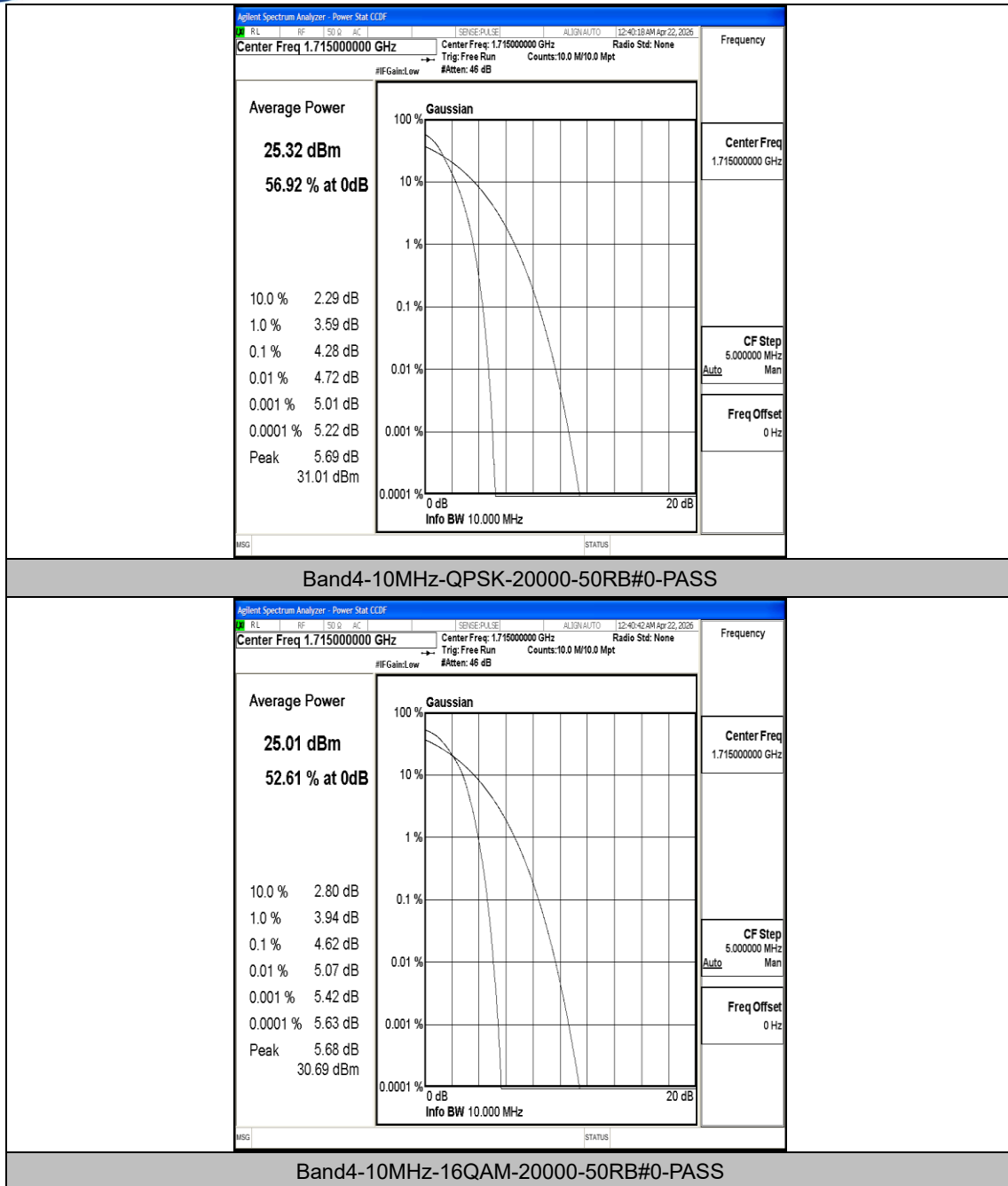


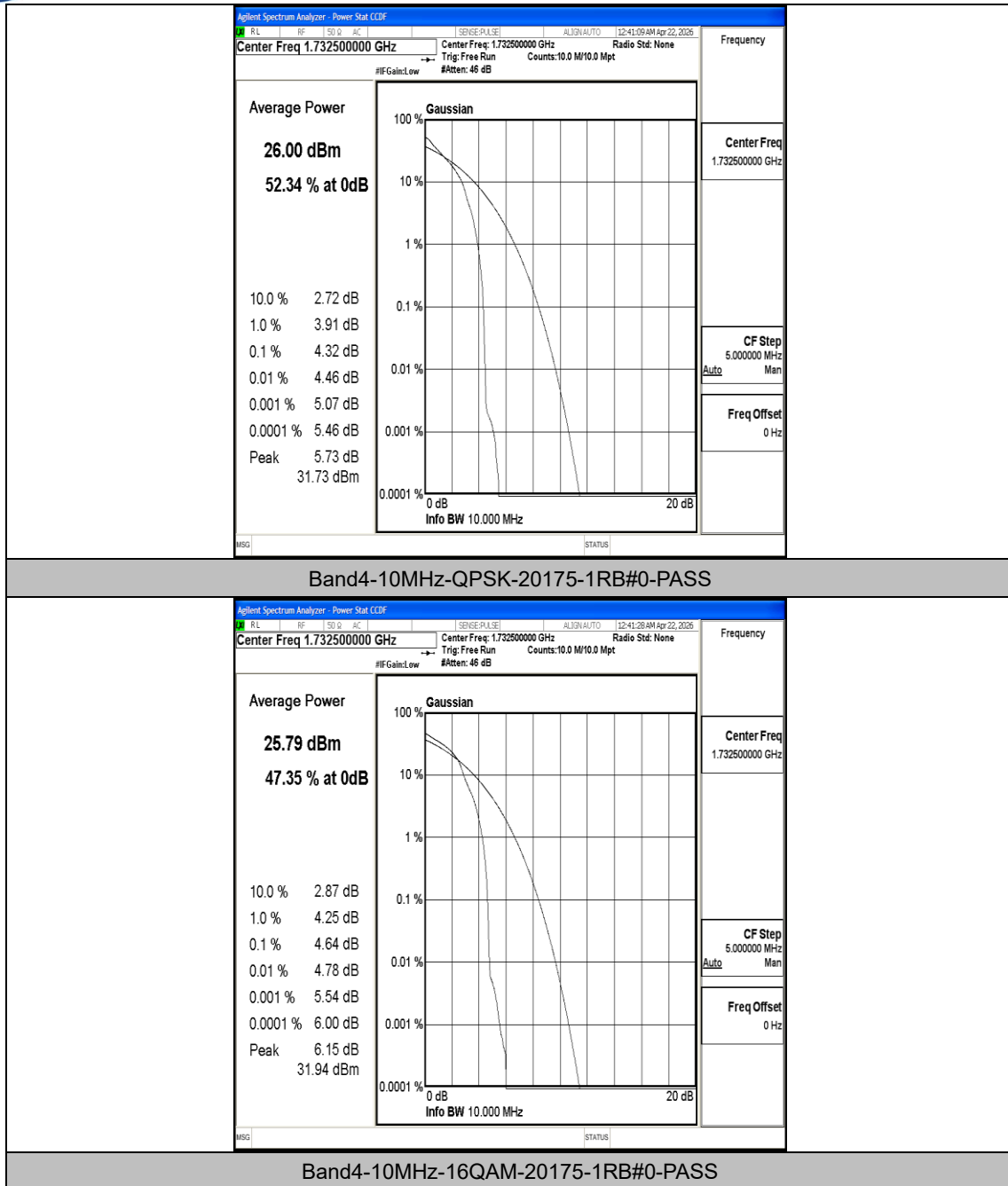


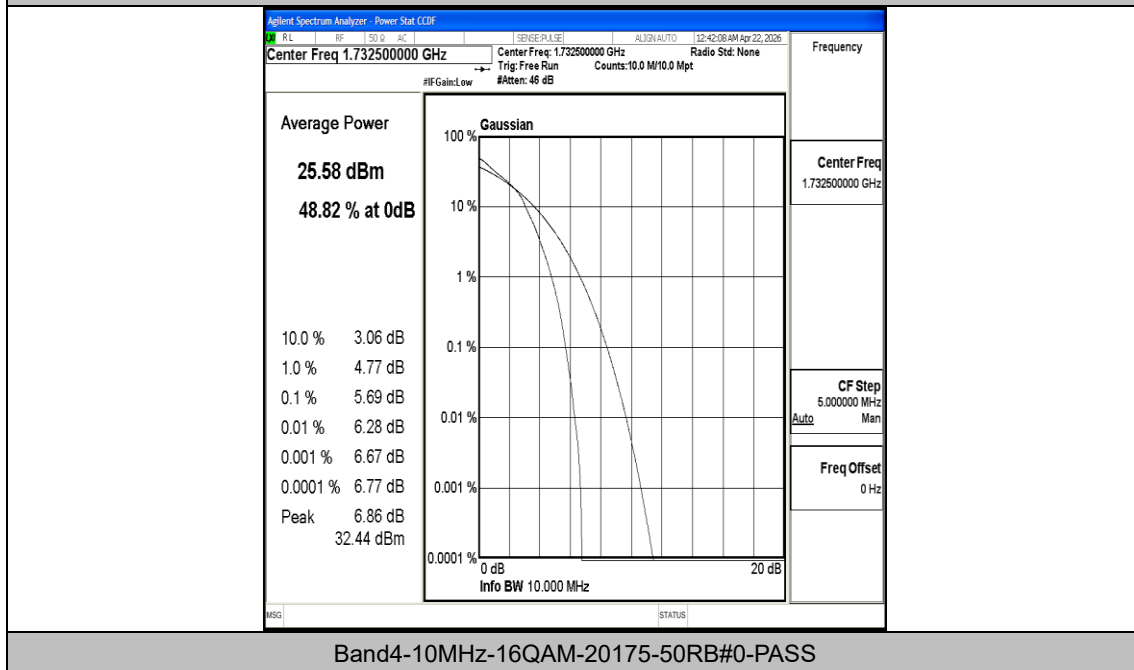
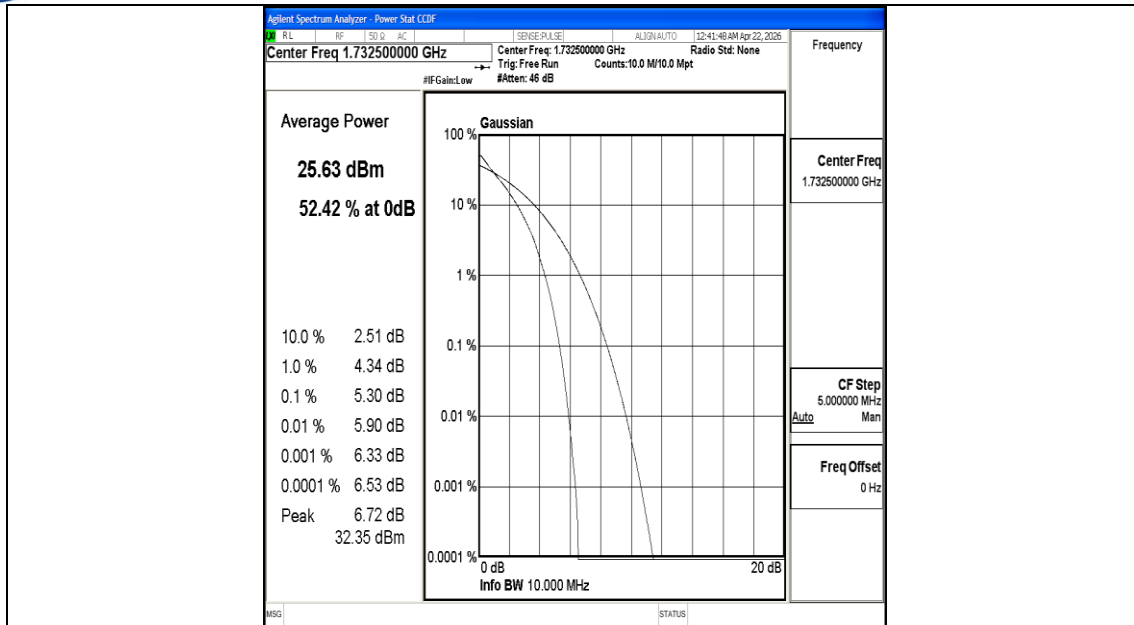


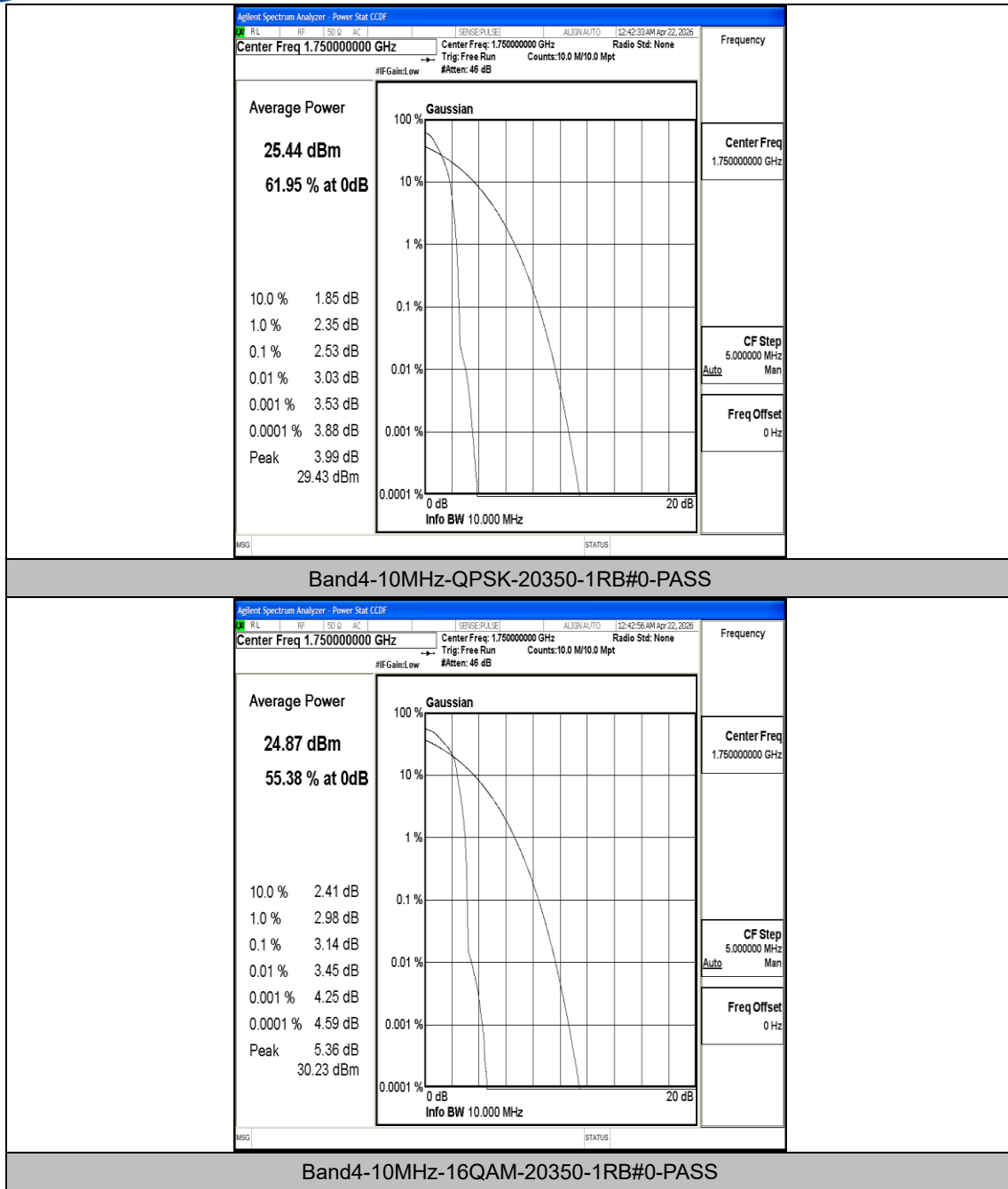


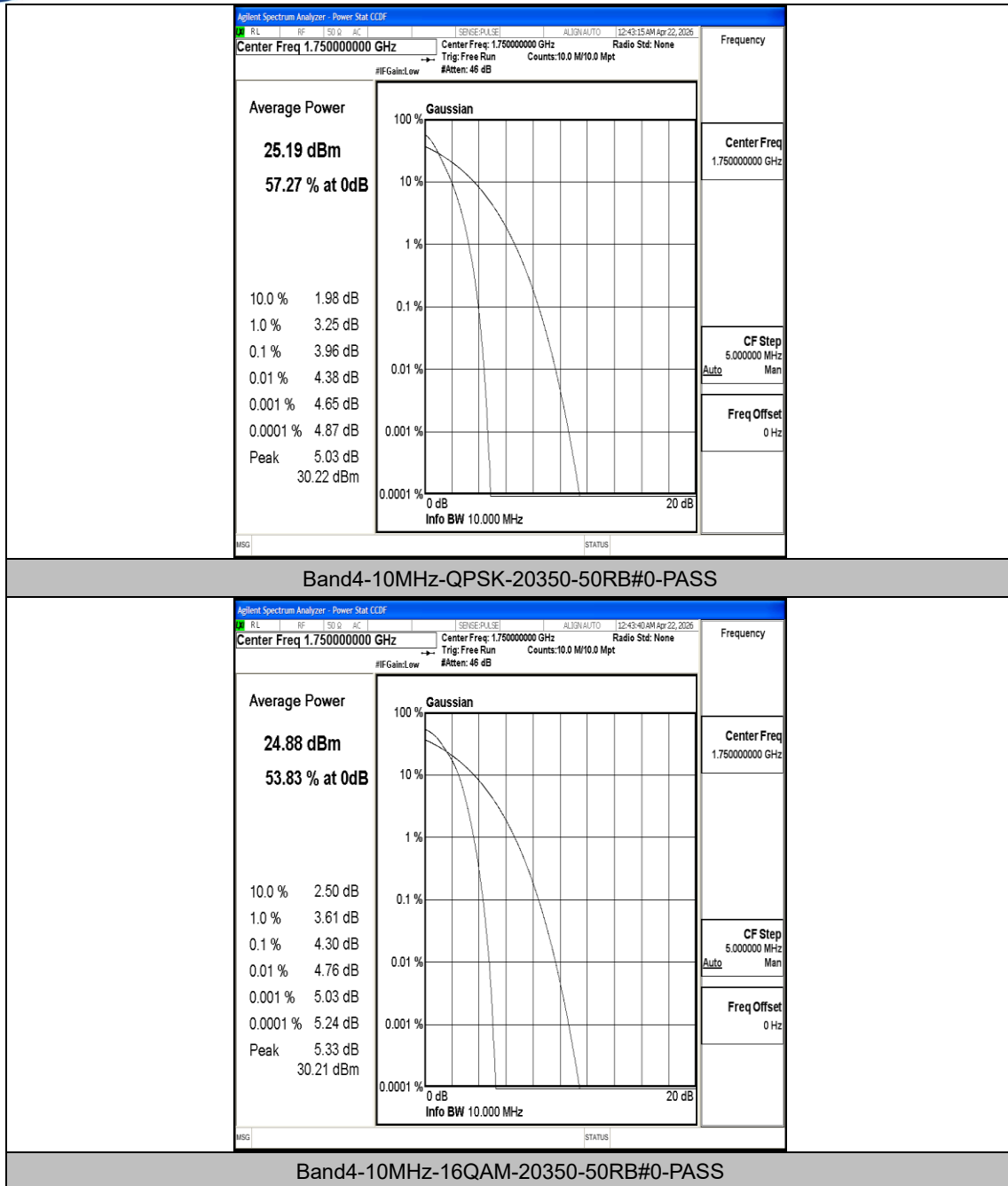


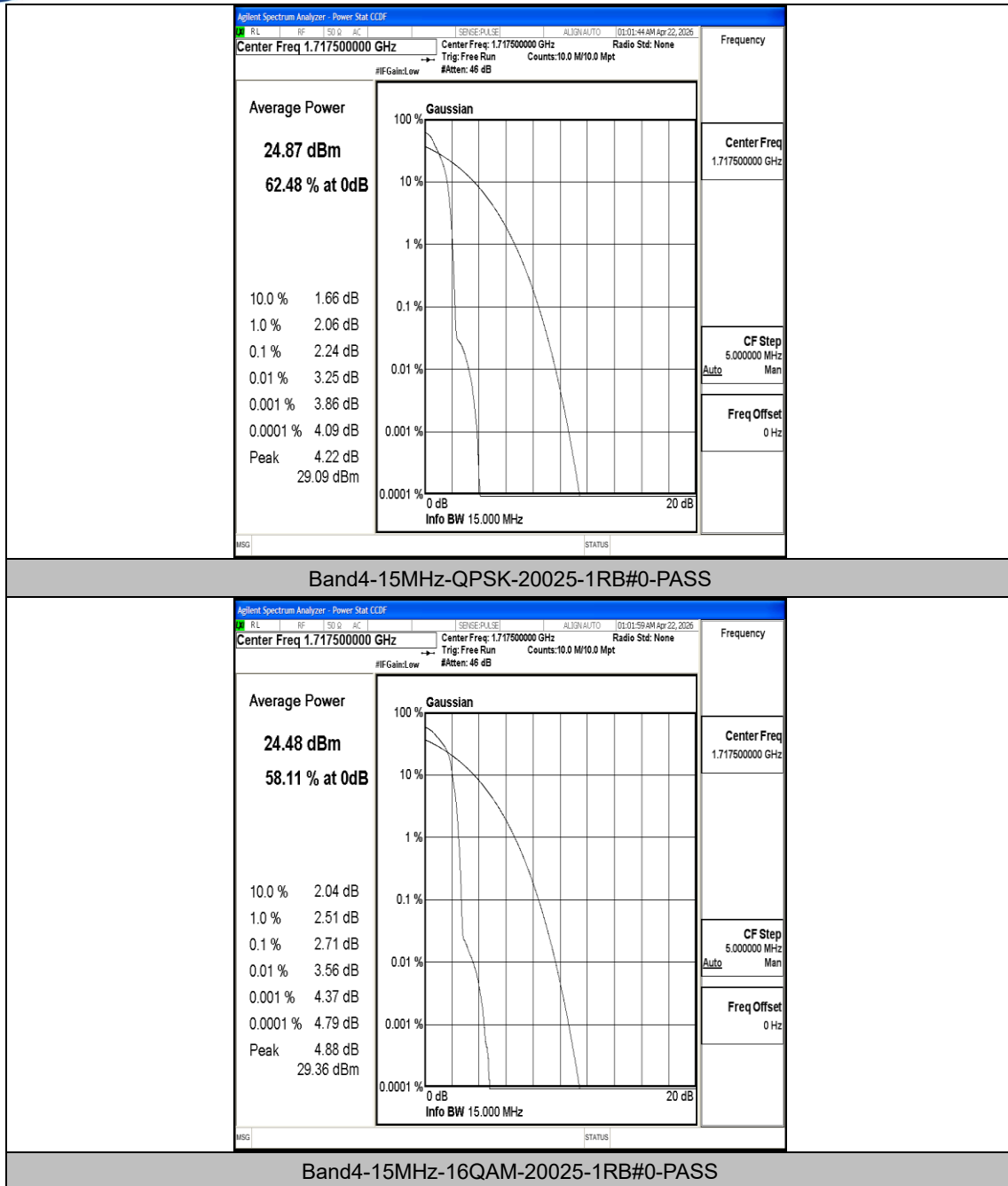


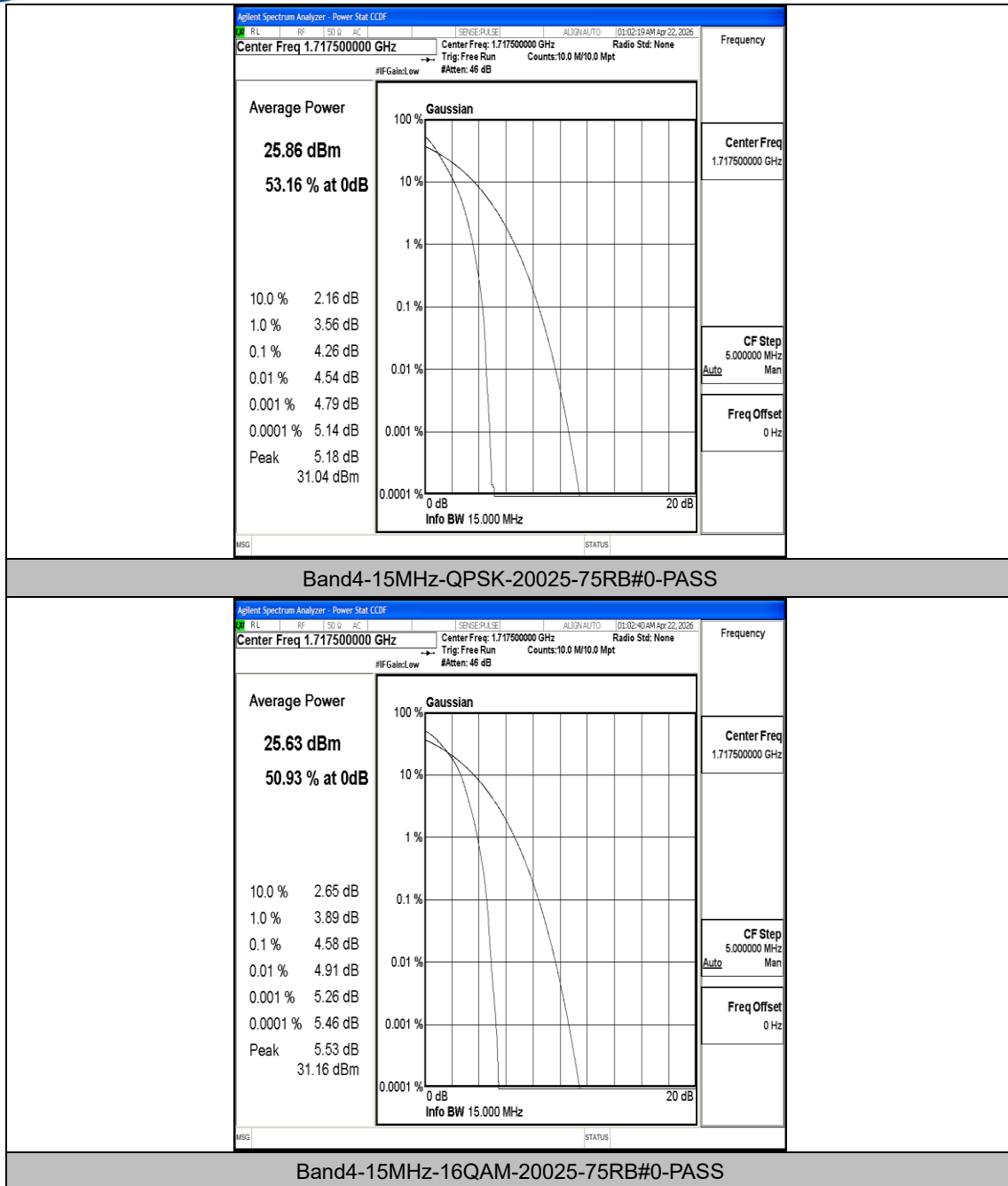


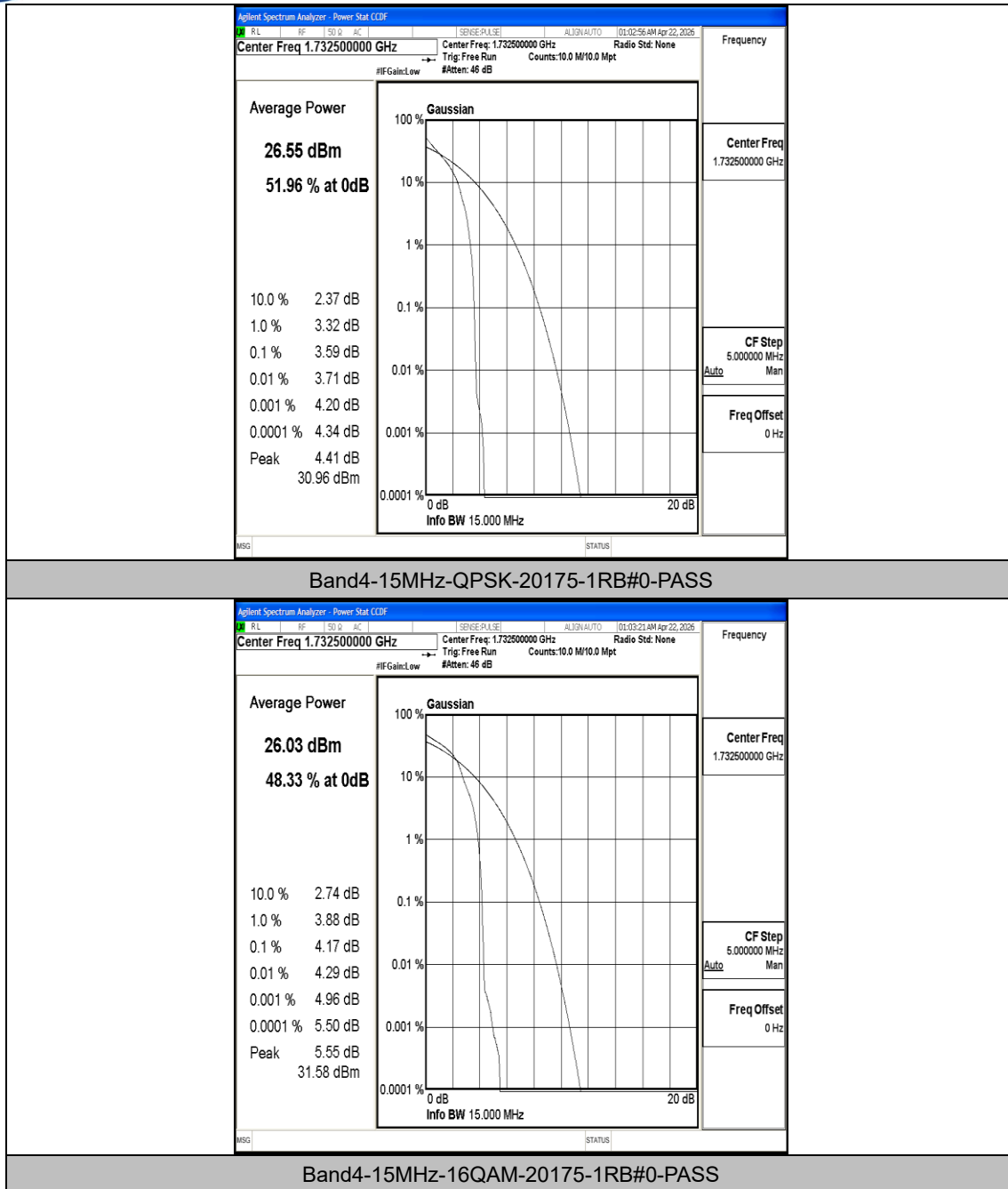


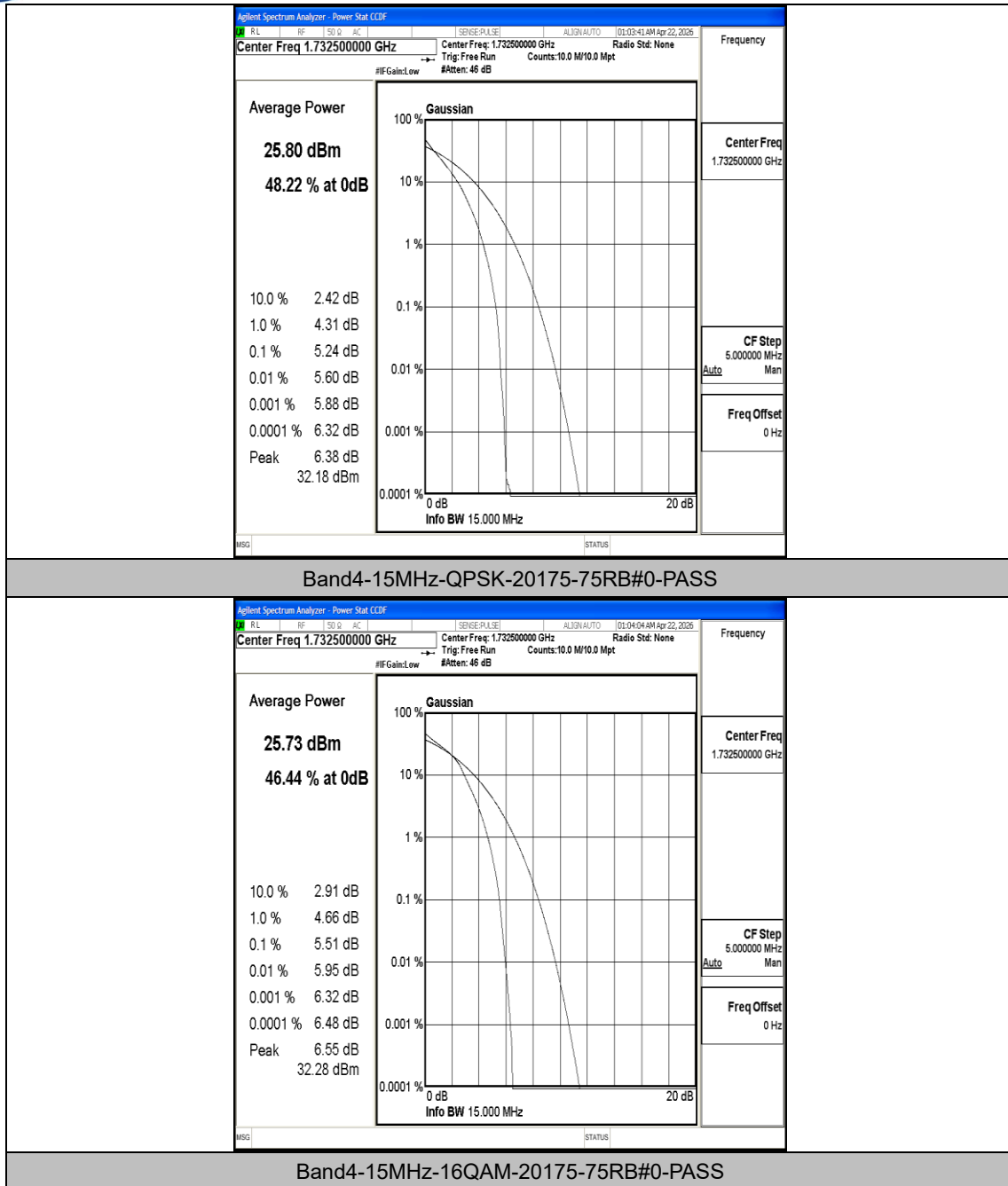


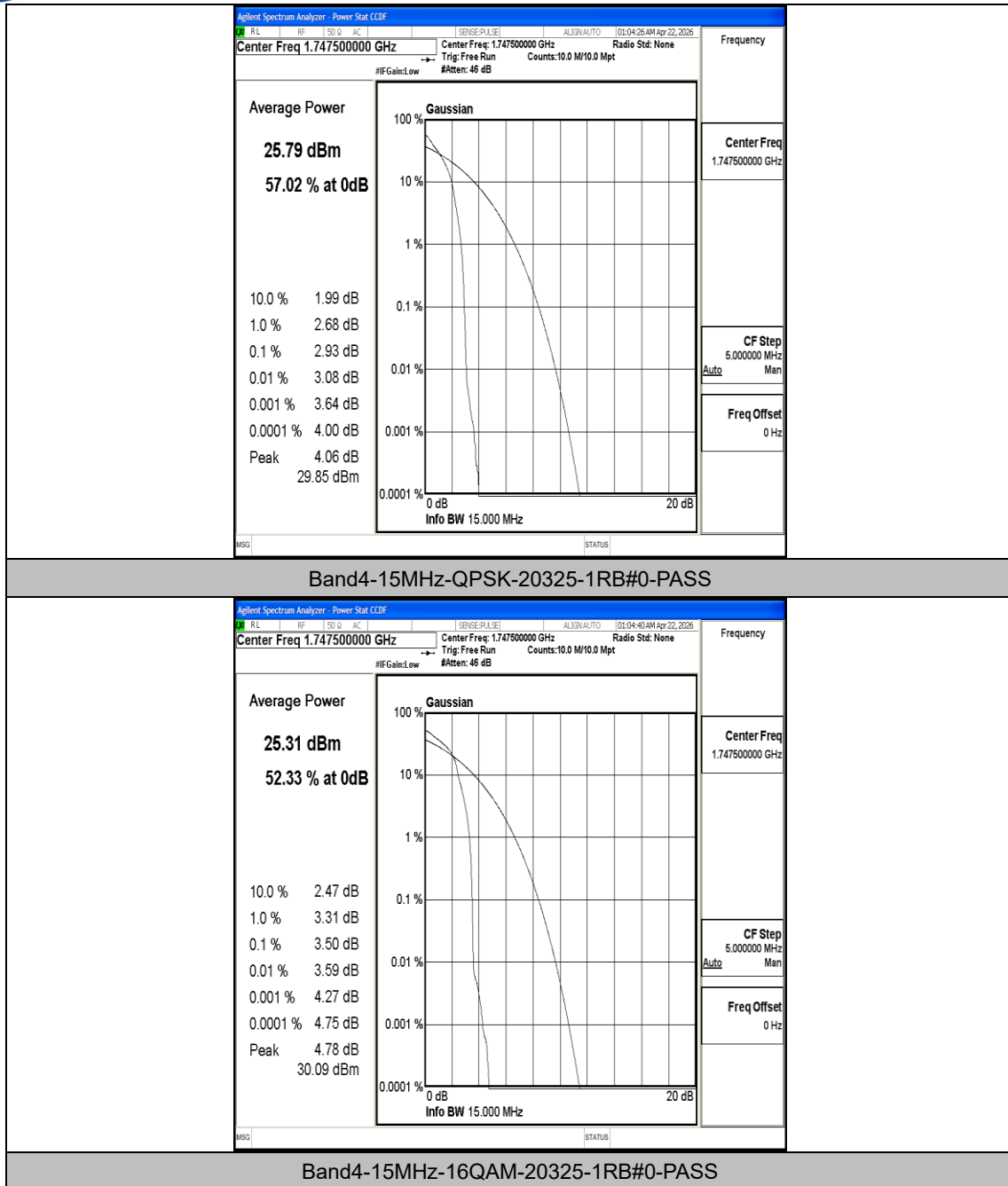


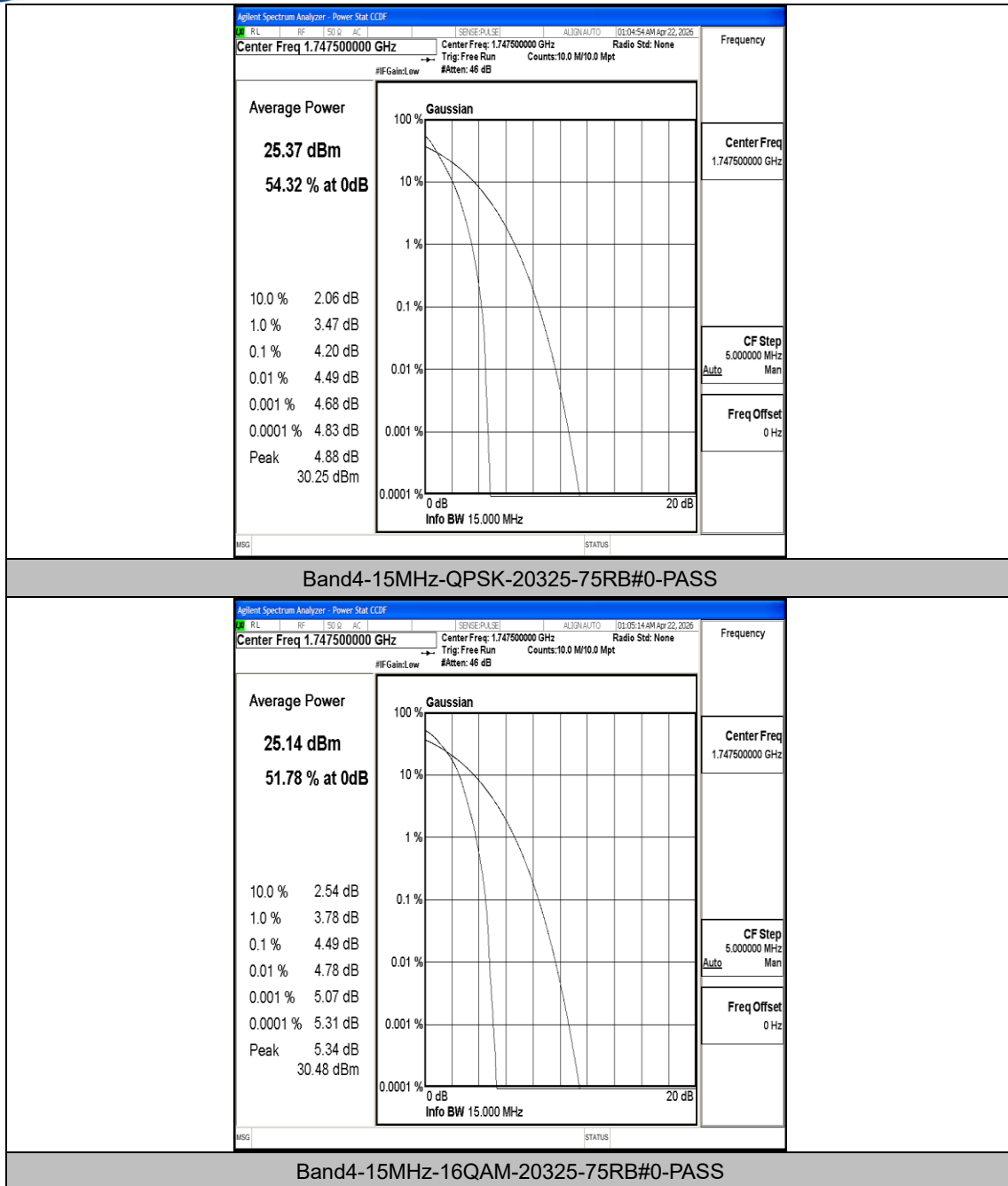


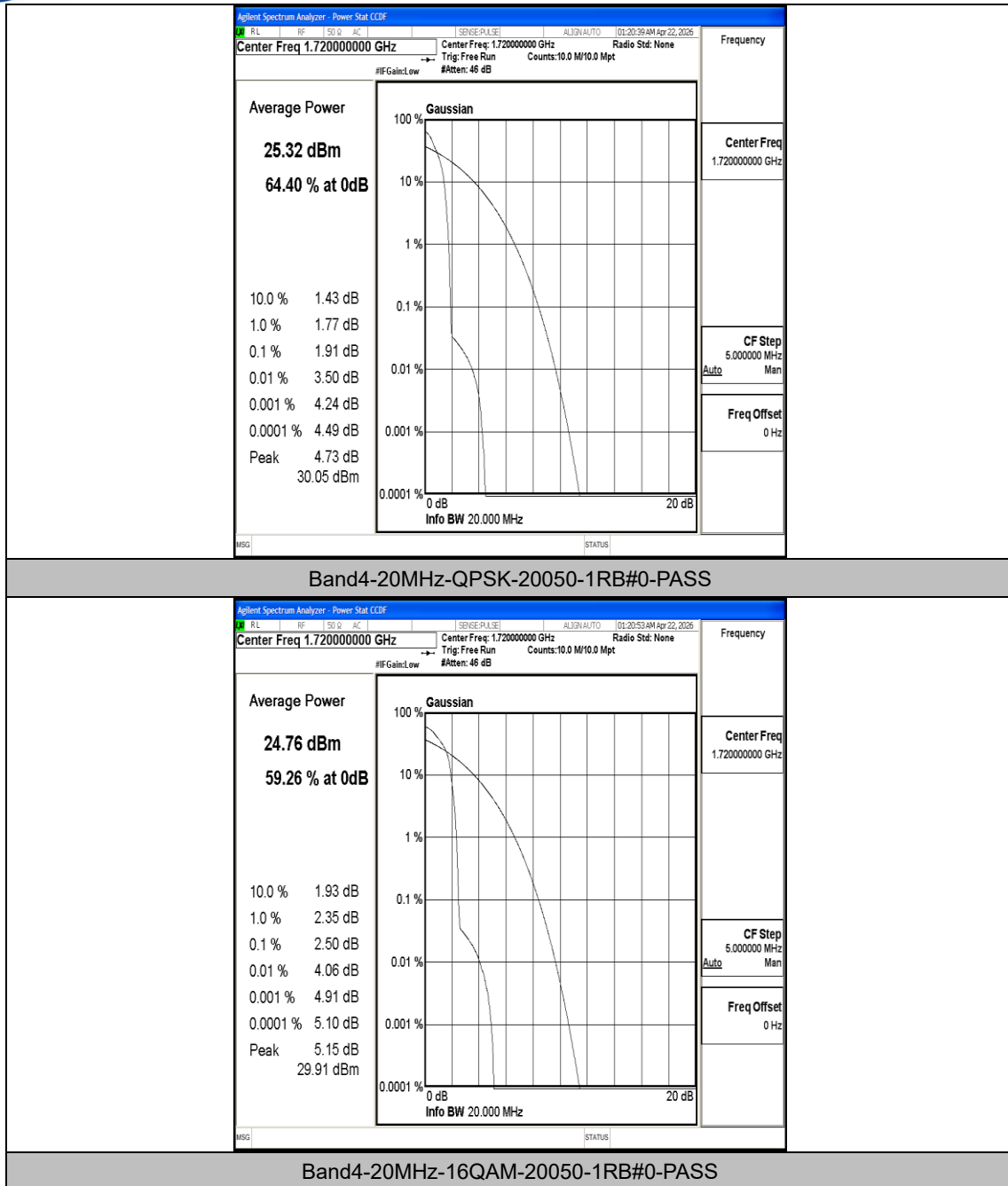


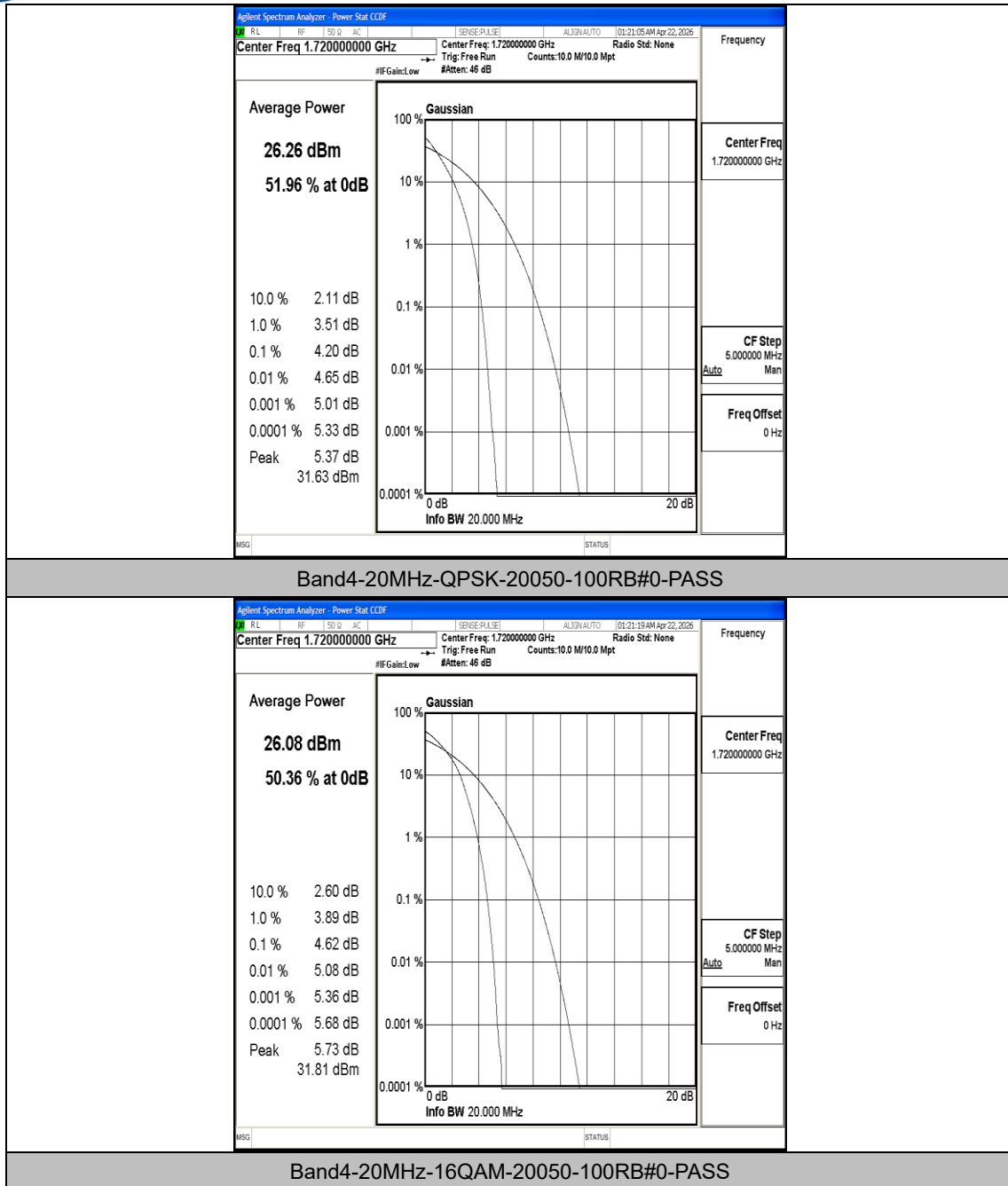


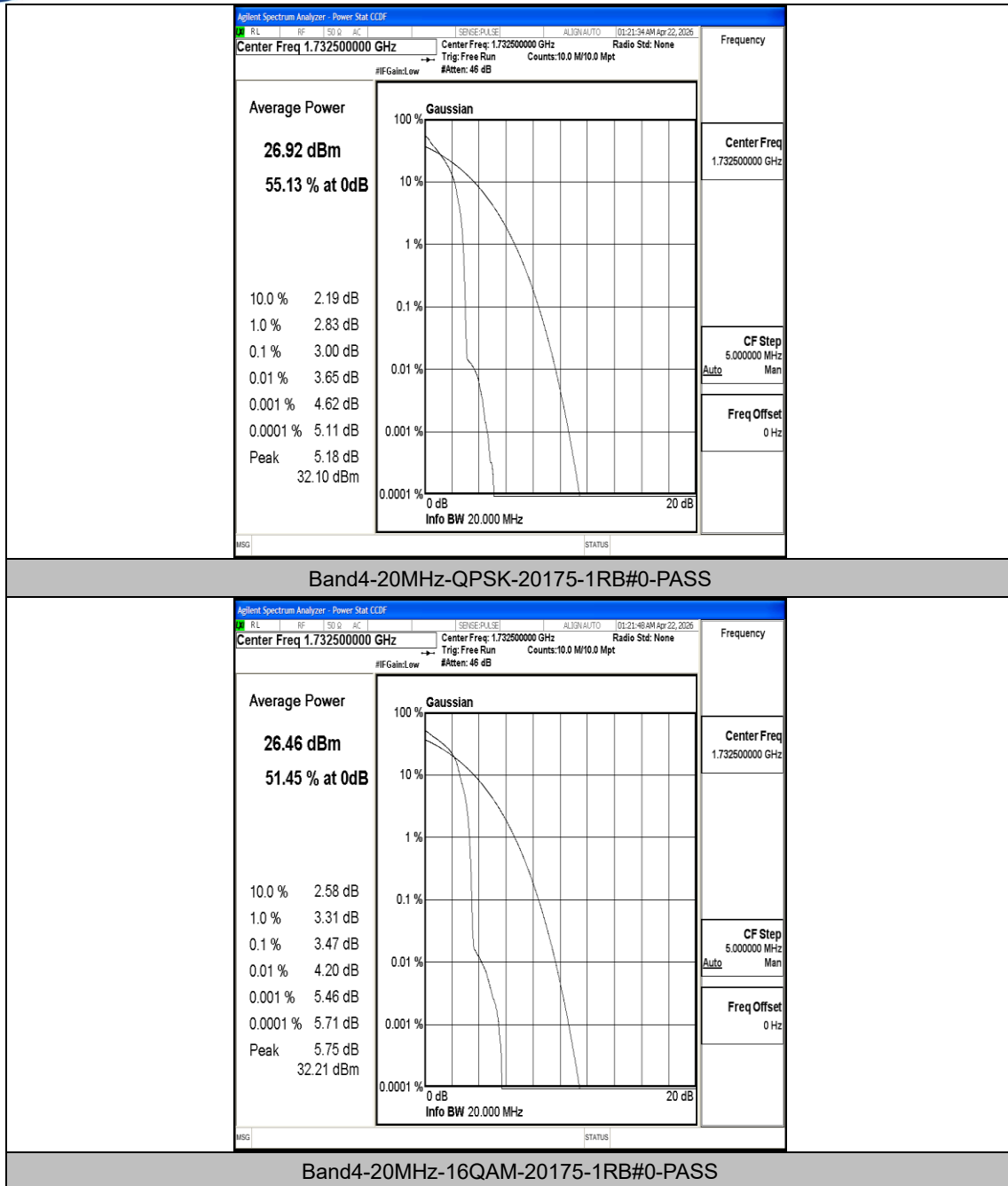


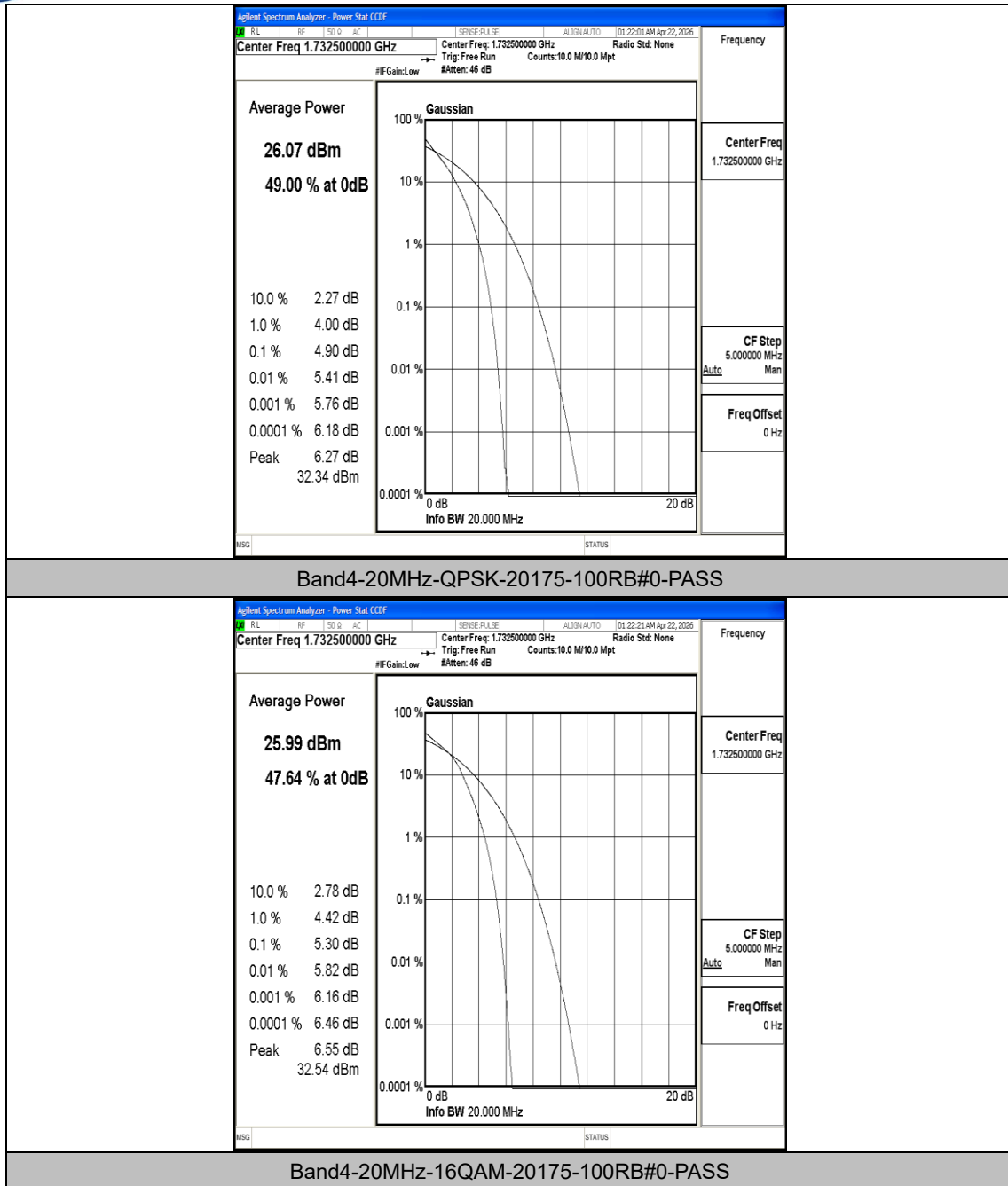


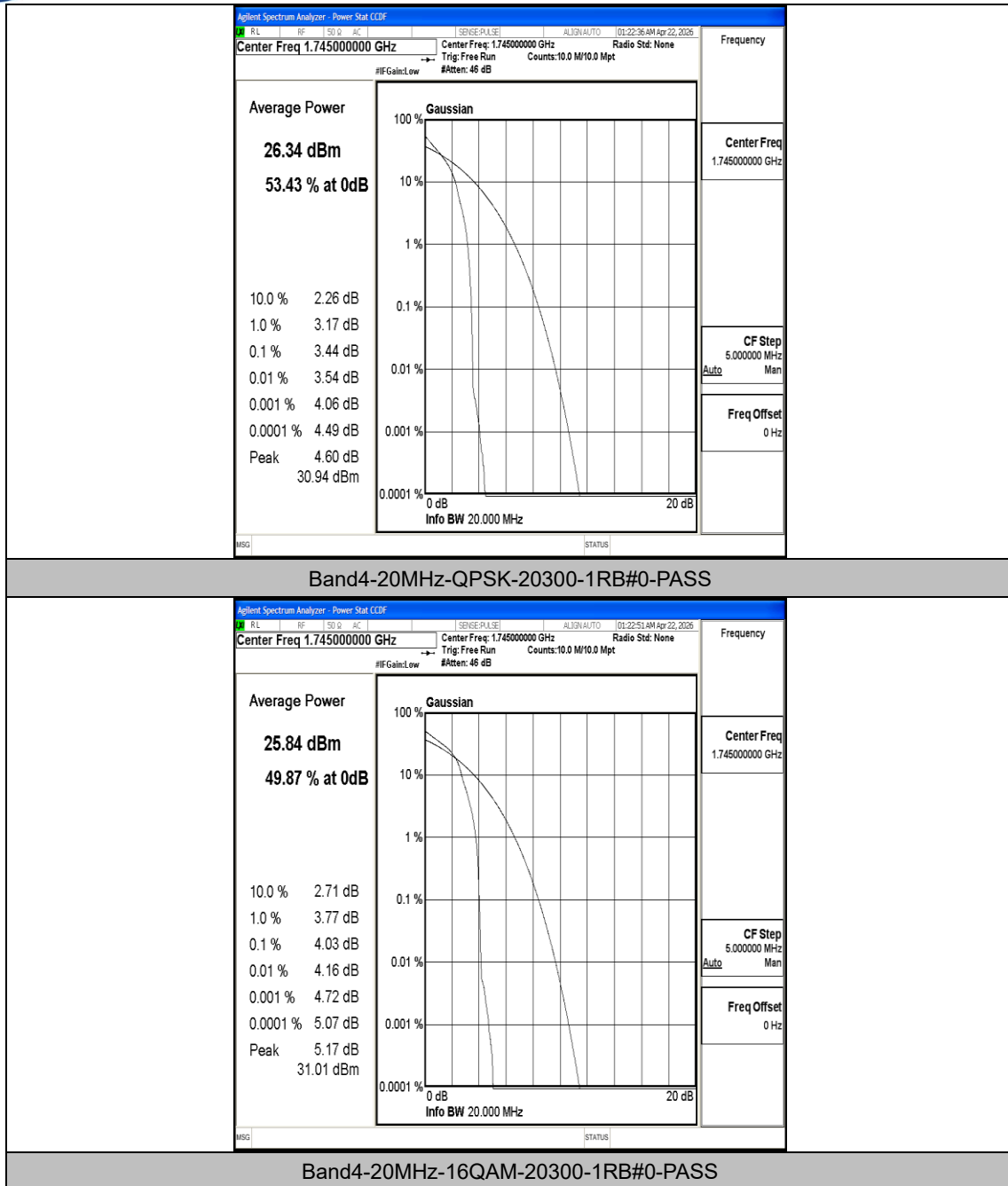


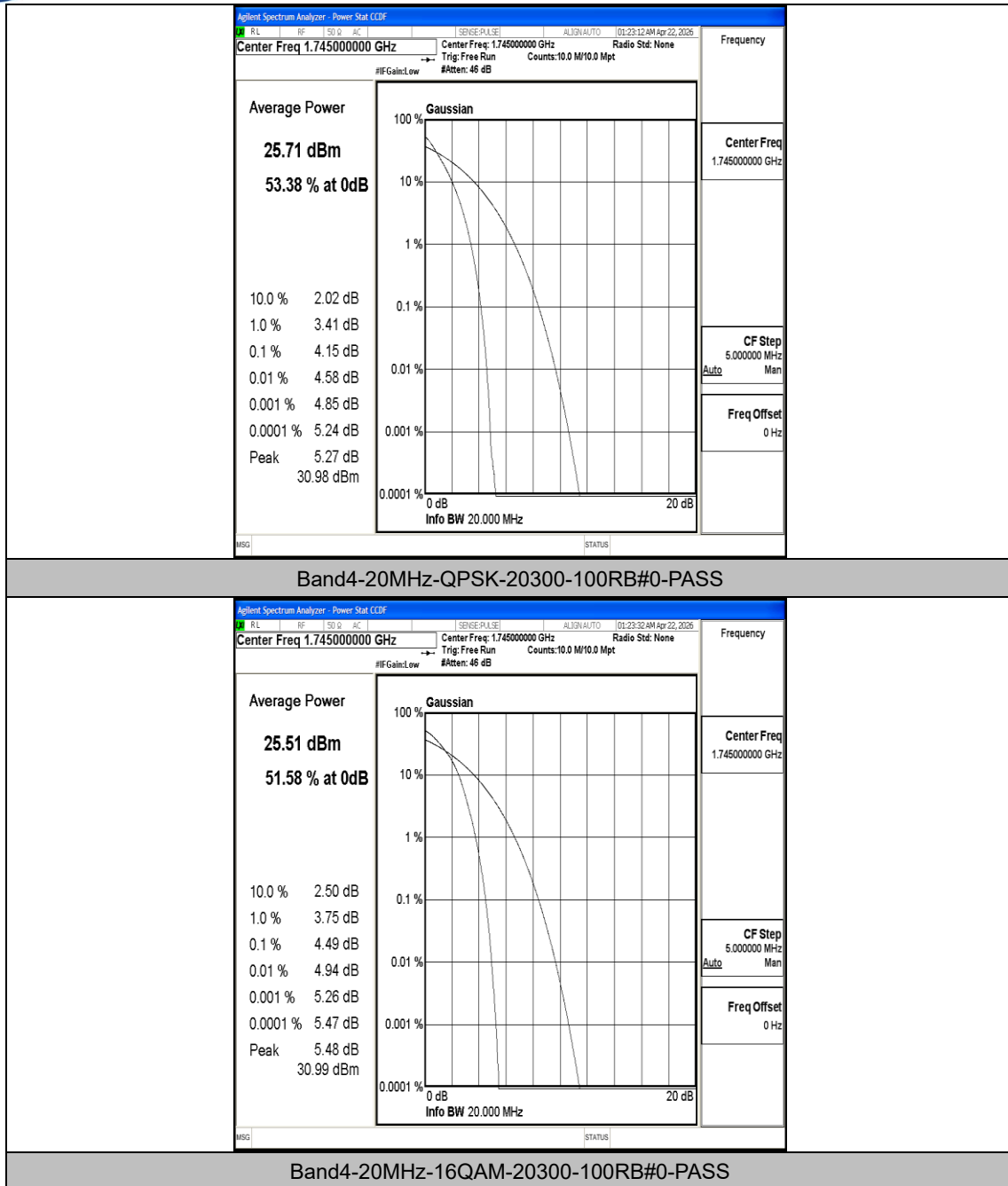










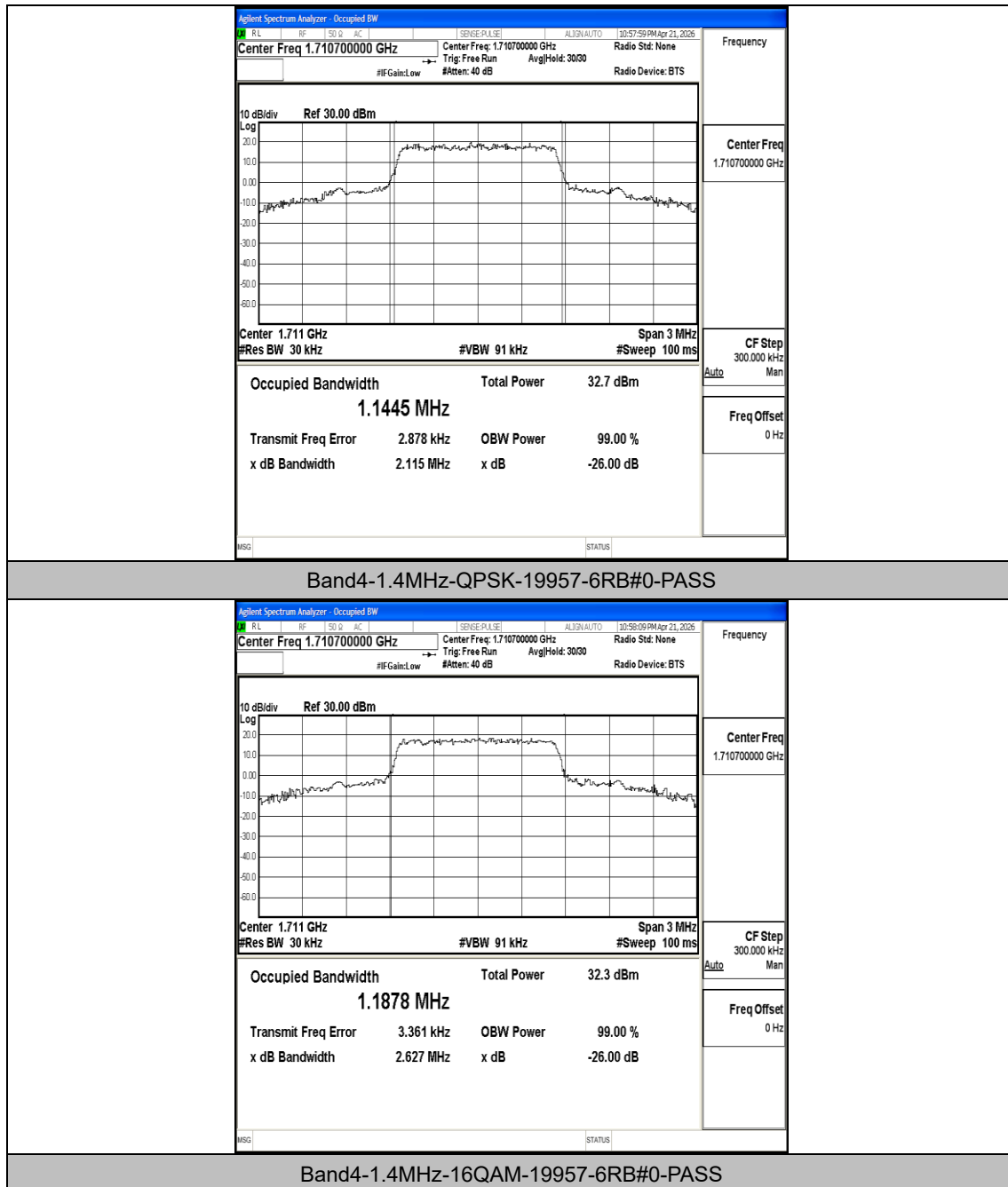


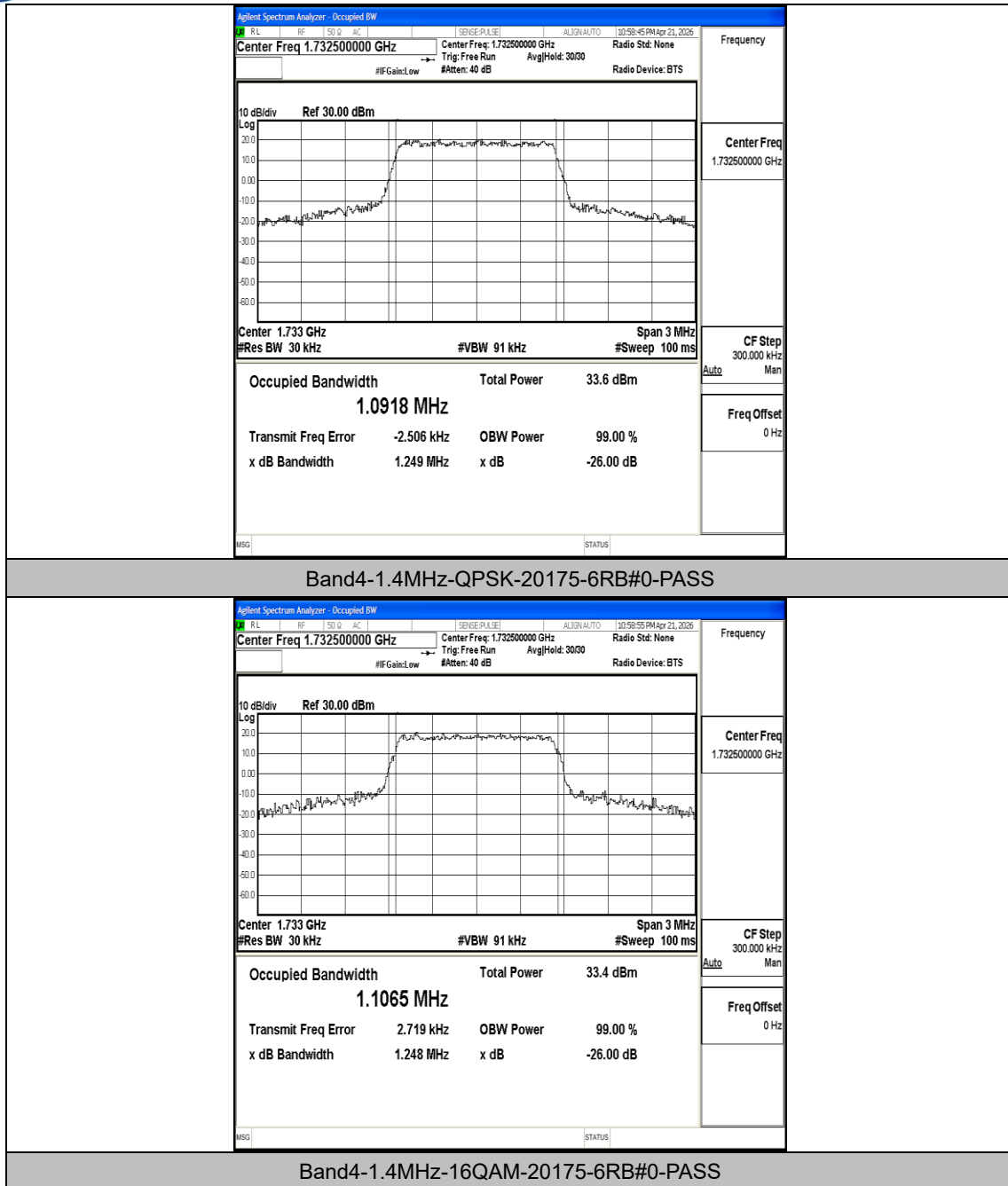
2 26dB Bandwidth and Occupied Bandwidth

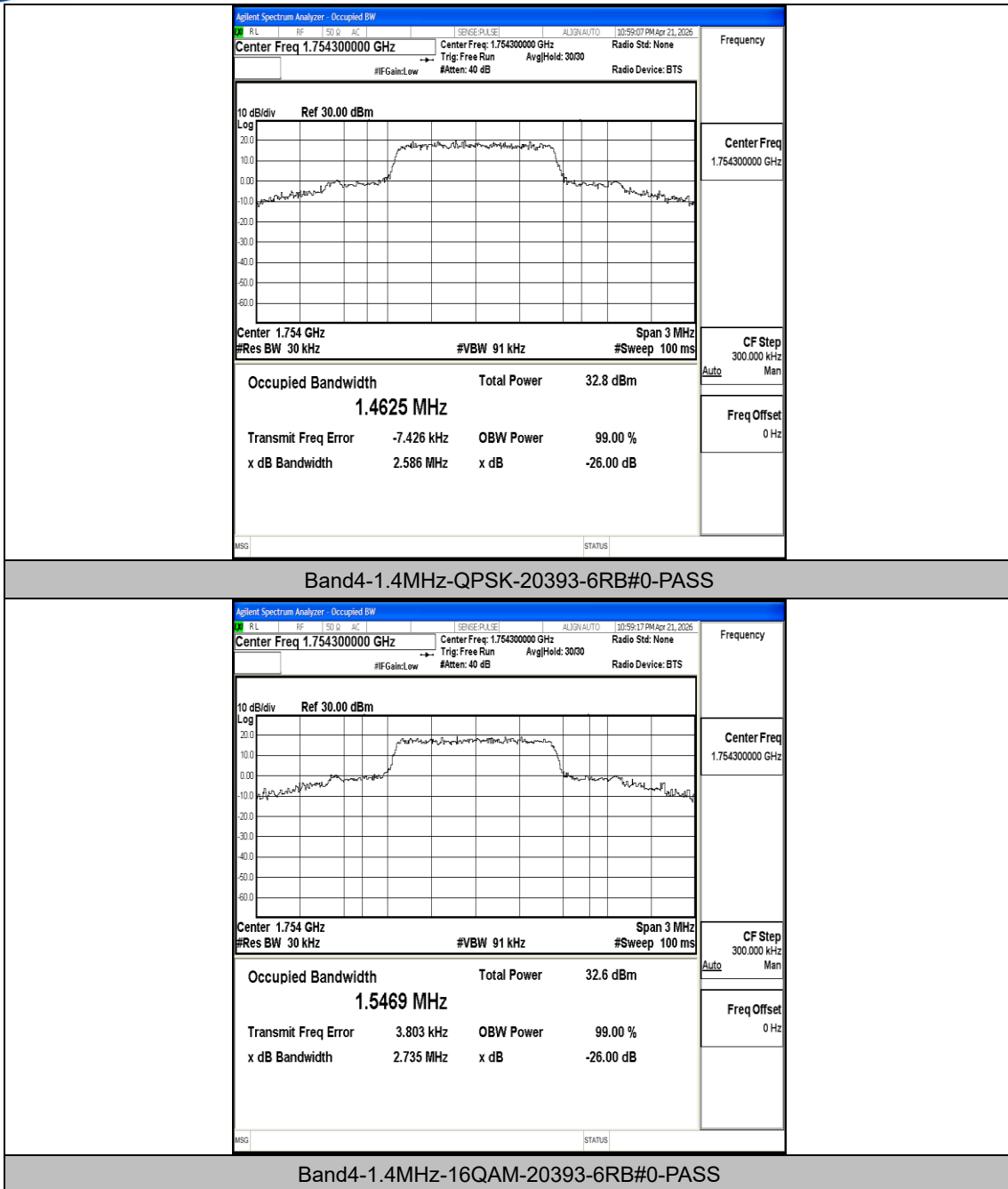
Test Result

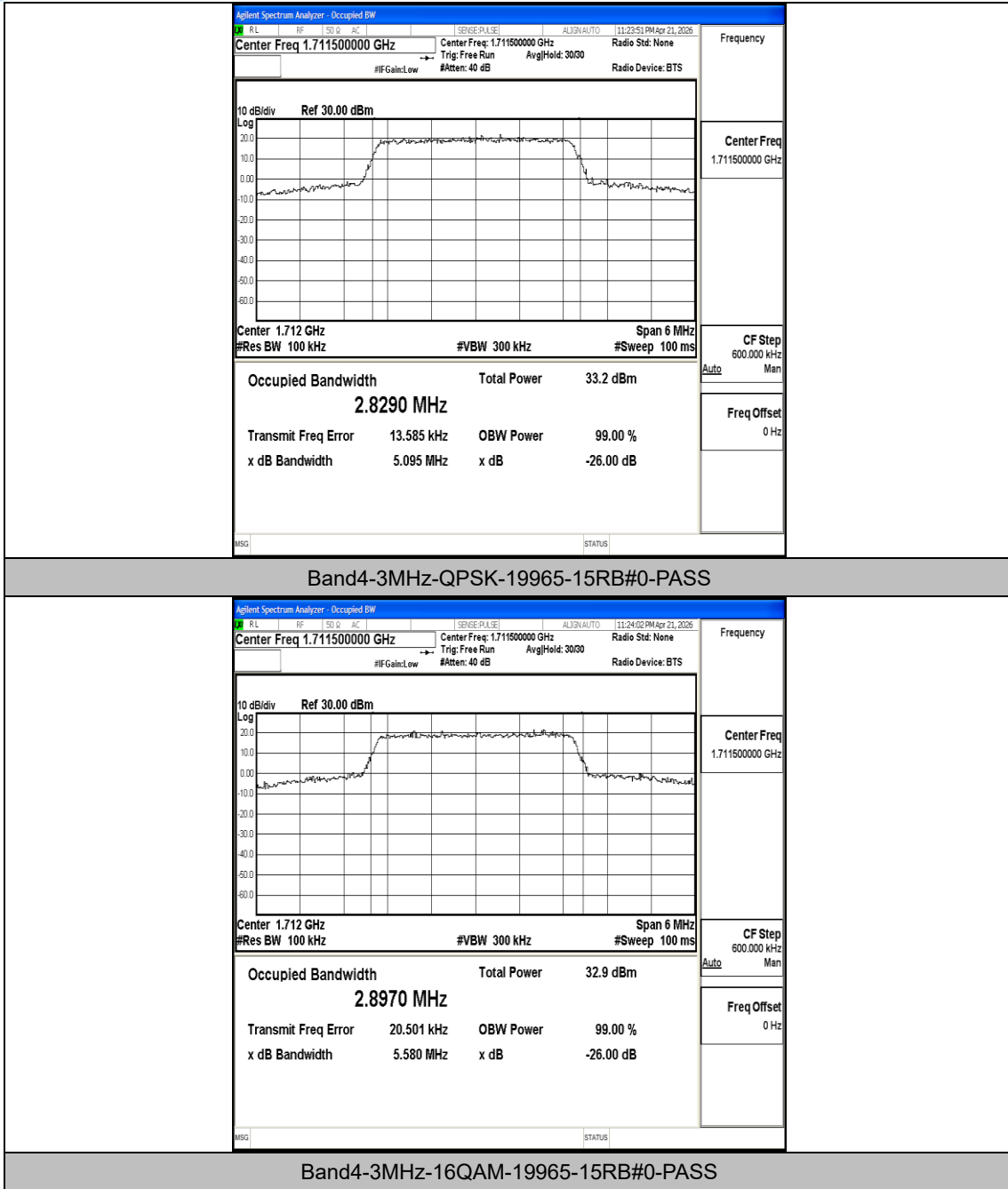
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1445	2.115	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1878	2.627	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0918	1.249	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1065	1.248	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.4625	2.586	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.5469	2.735	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.8290	5.095	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.8970	5.580	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7673	3.111	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7507	3.096	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.9043	5.962	PASS
Band4	3MHz	16QAM	20385	15RB#0	3.3416	6.000	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.6149	9.183	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.8161	9.601	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5216	5.181	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5232	5.015	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.7020	9.881	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.0946	10.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.2137	16.66	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.5394	19.14	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0038	9.926	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0249	9.923	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.2439	19.98	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.9719	19.85	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.611	21.03	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.703	26.13	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.530	14.96	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.536	15.01	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.725	28.24	PASS
Band4	15MHz	16QAM	20325	75RB#0	14.066	29.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.046	23.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.123	29.21	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.029	19.74	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.066	19.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.300	33.45	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.709	36.60	PASS

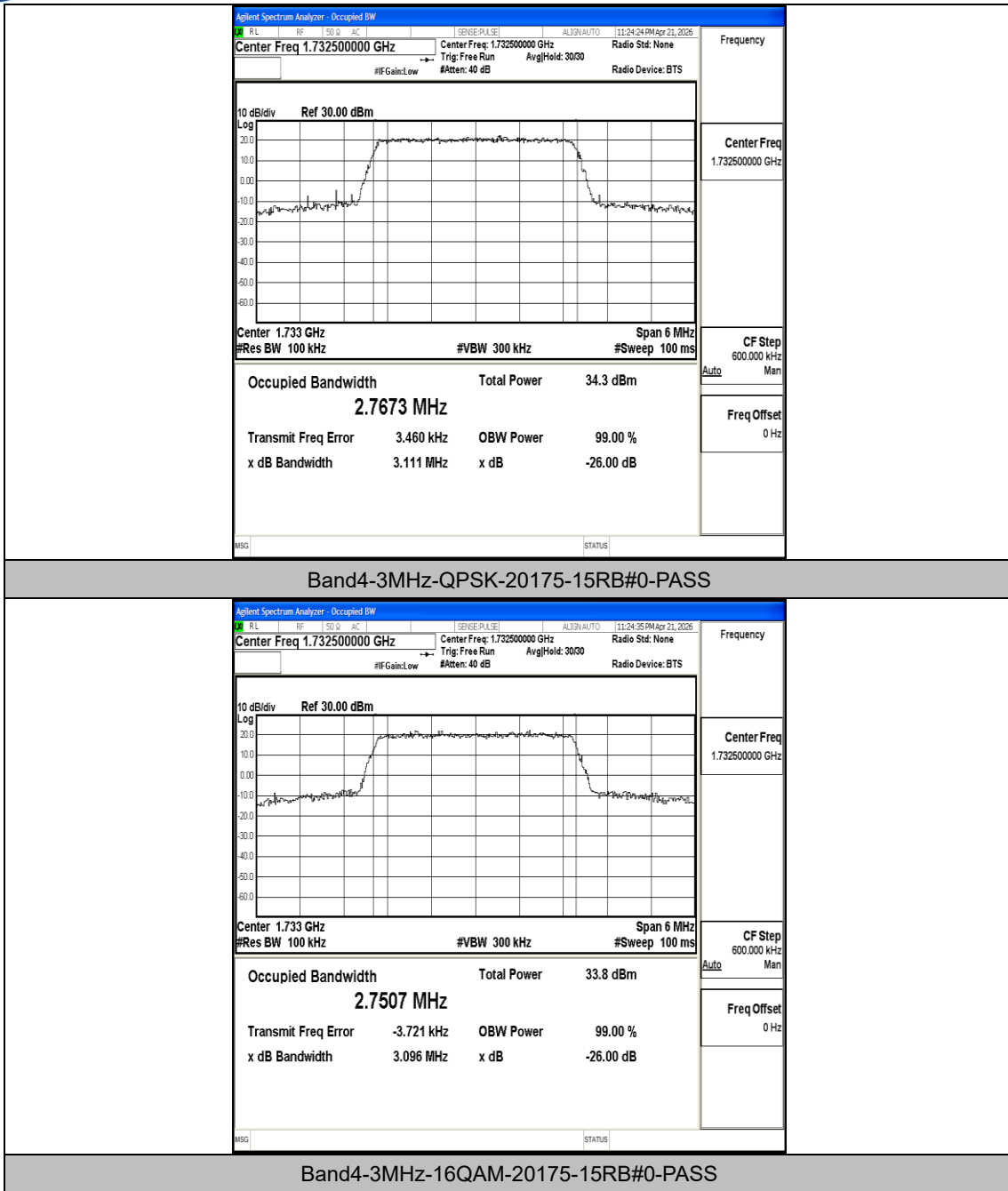
Test Graphs

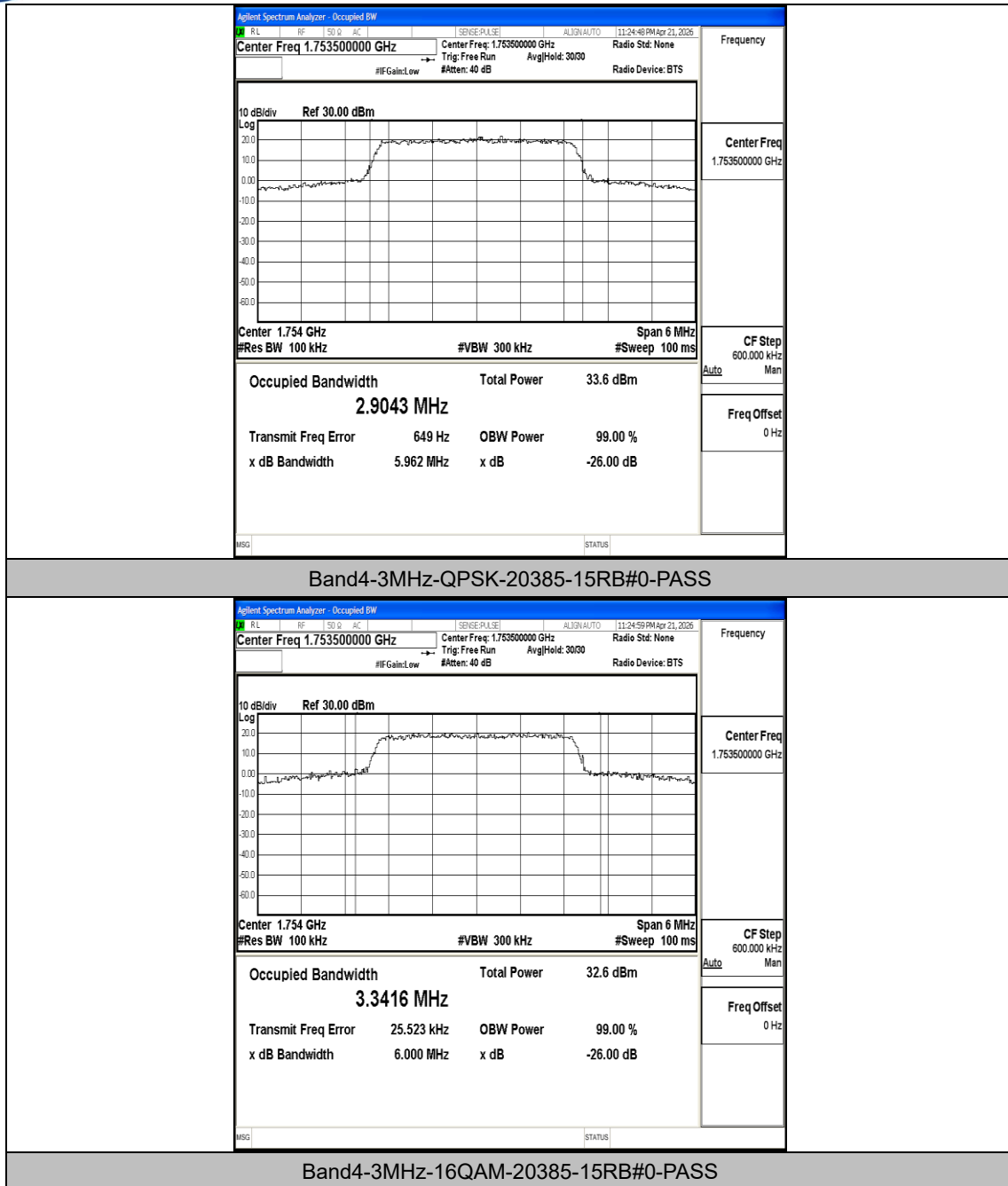


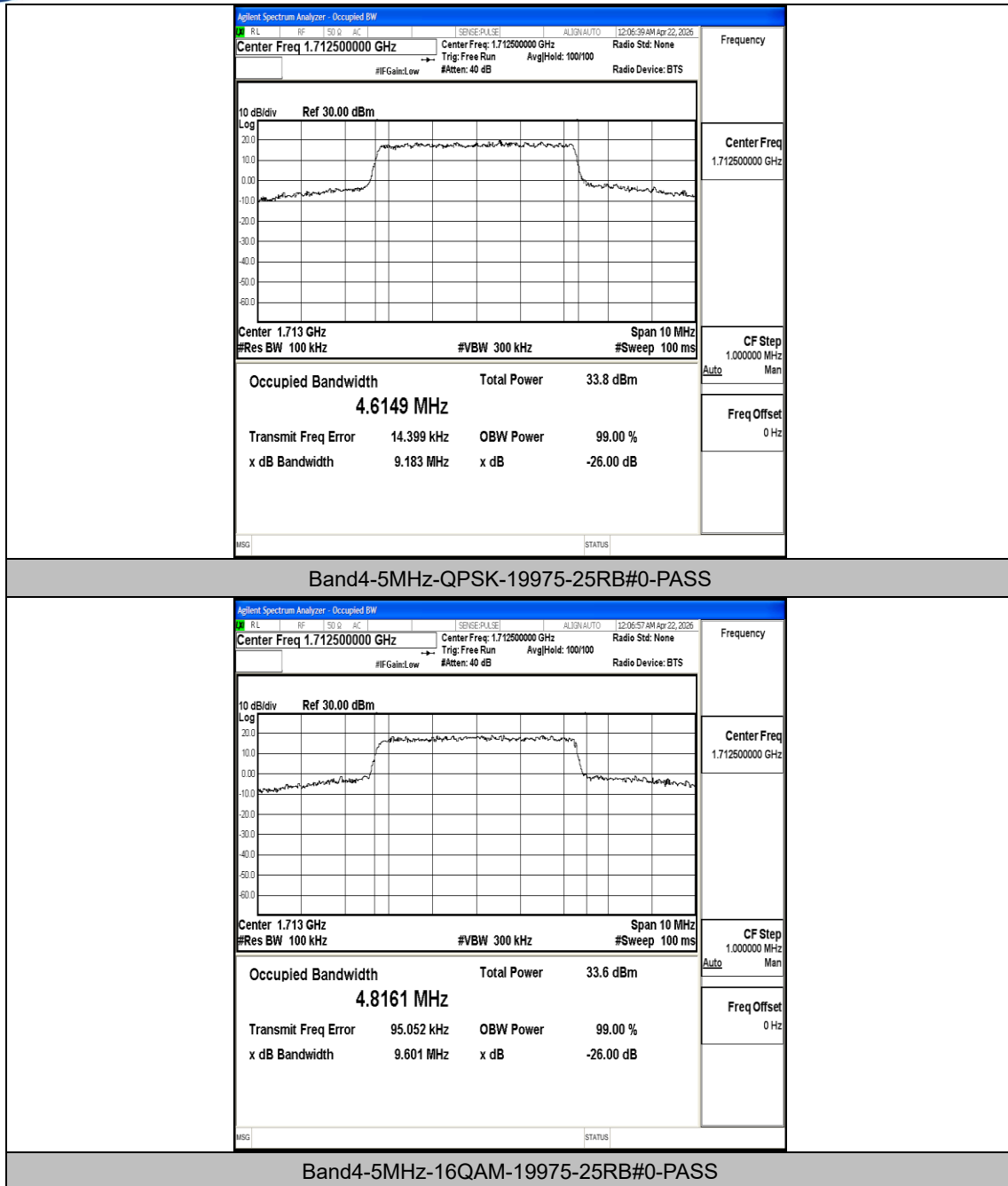


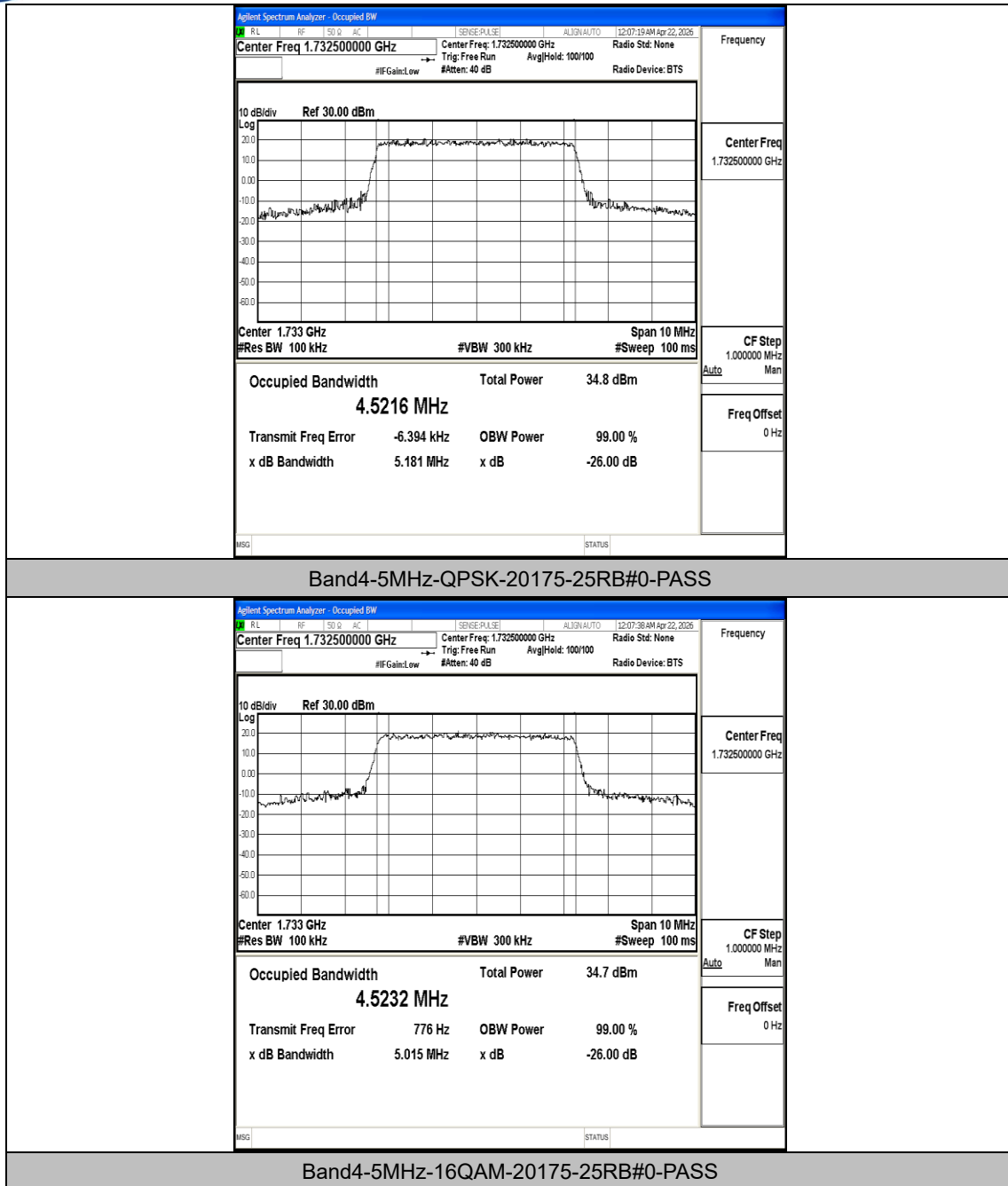


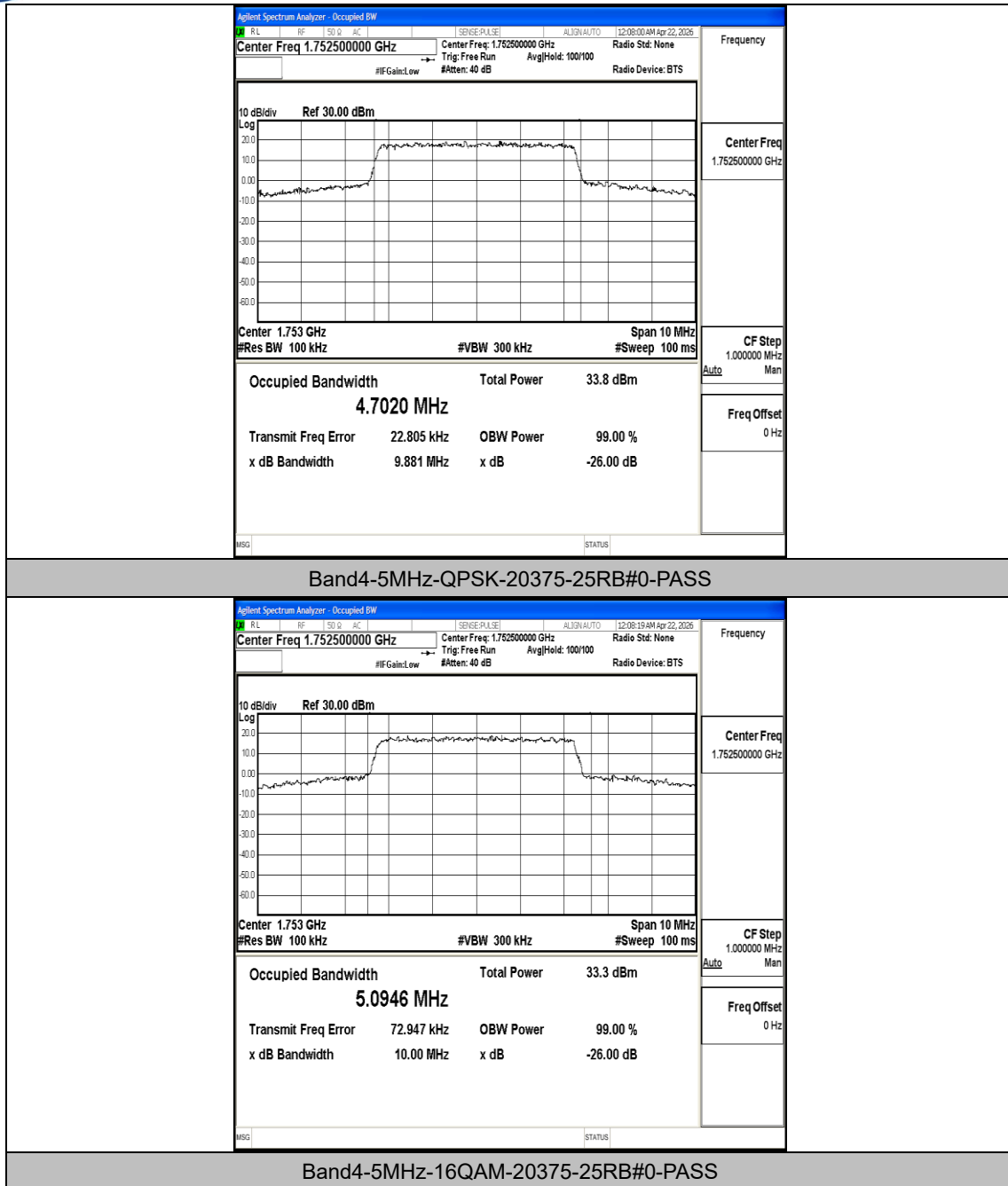


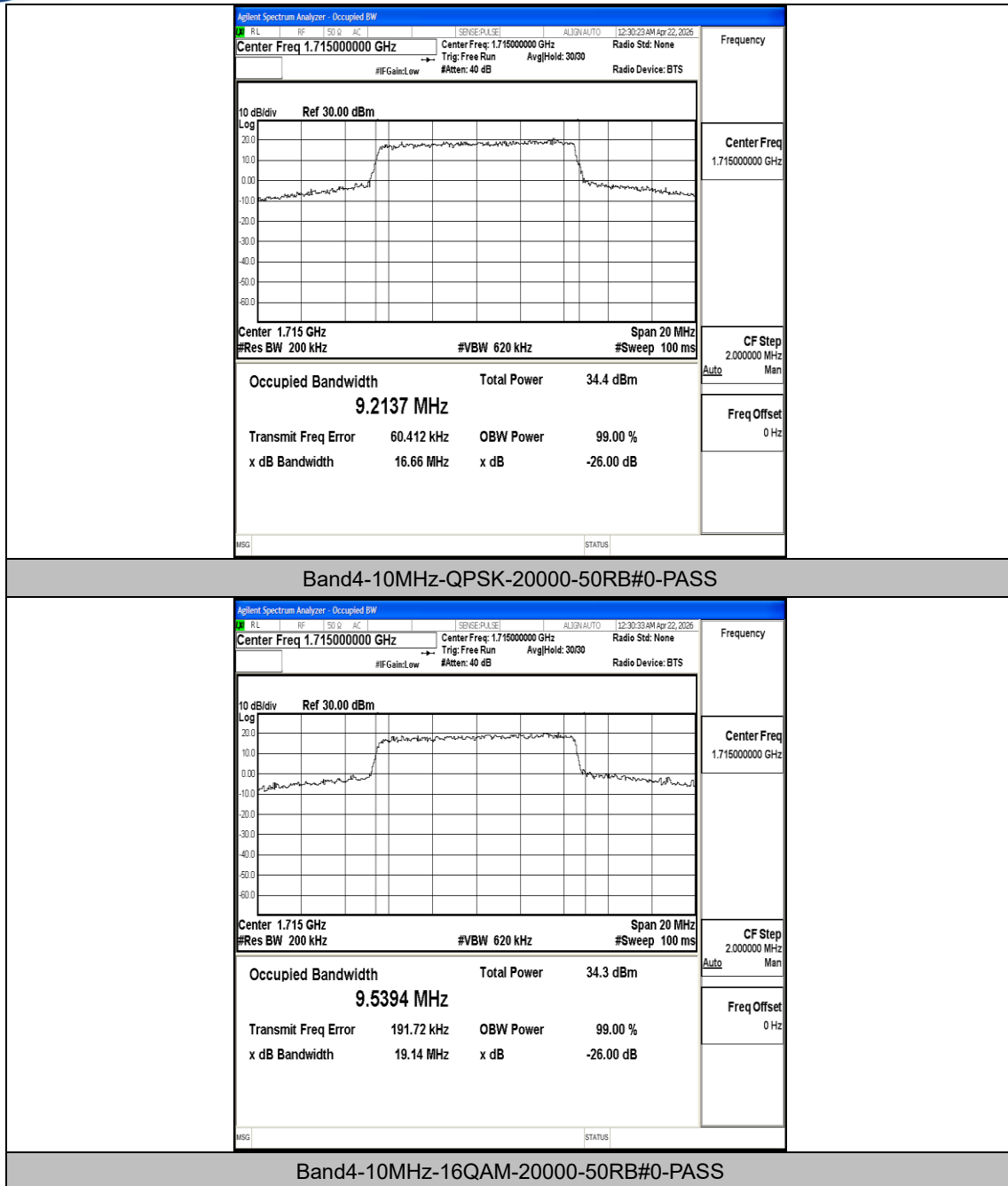


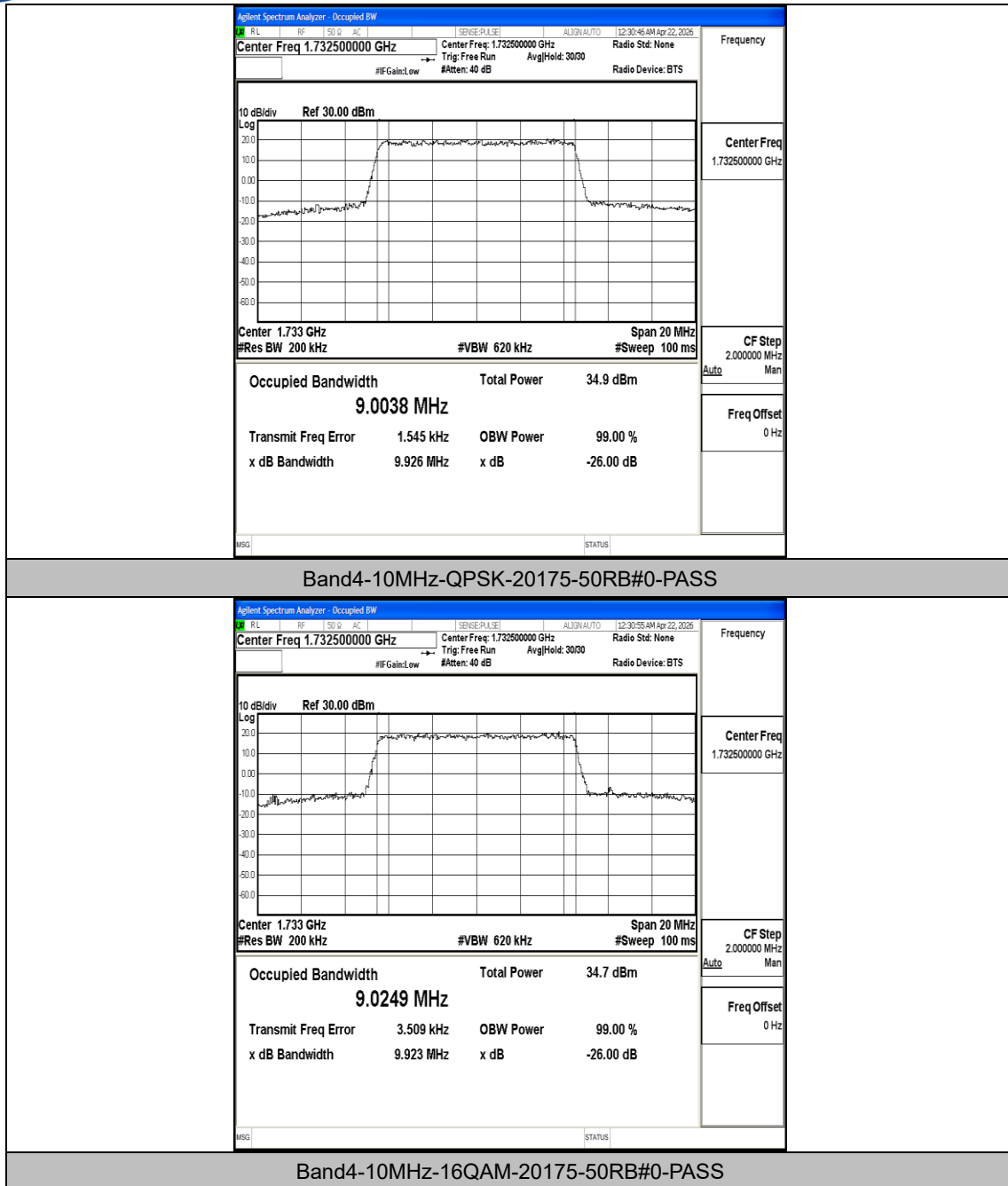


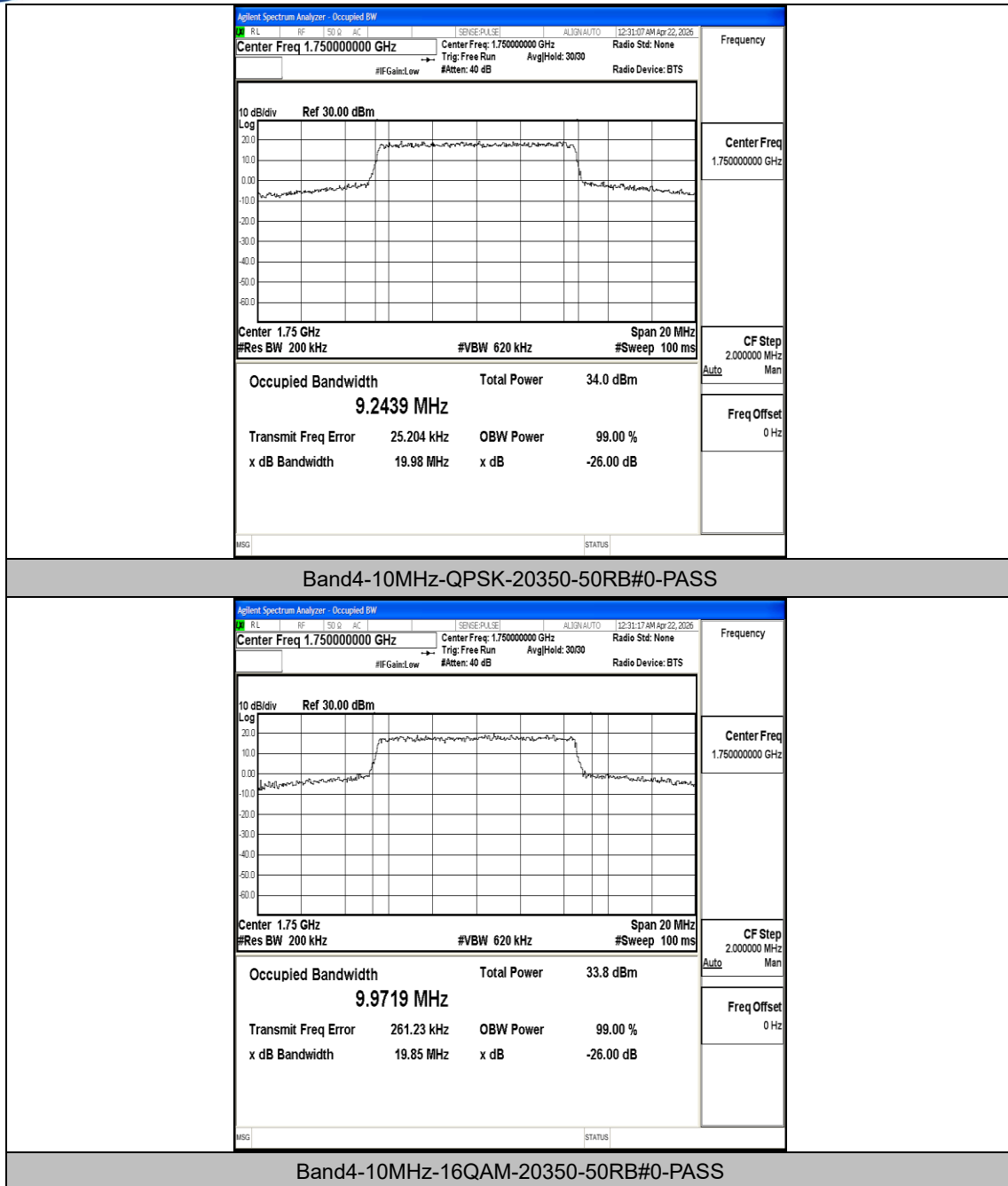


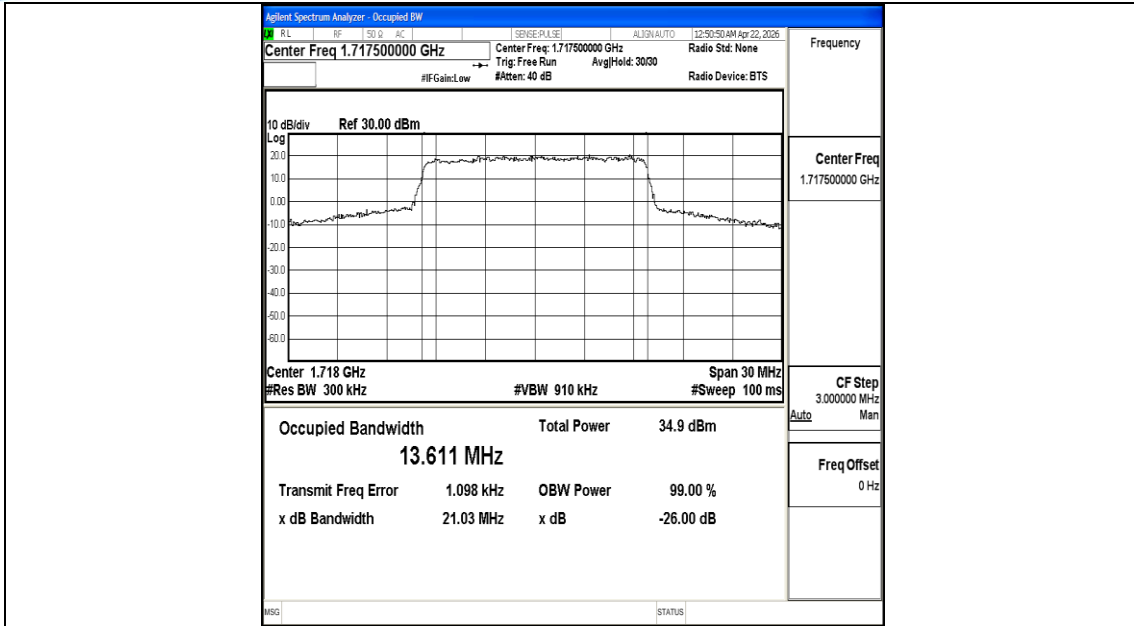




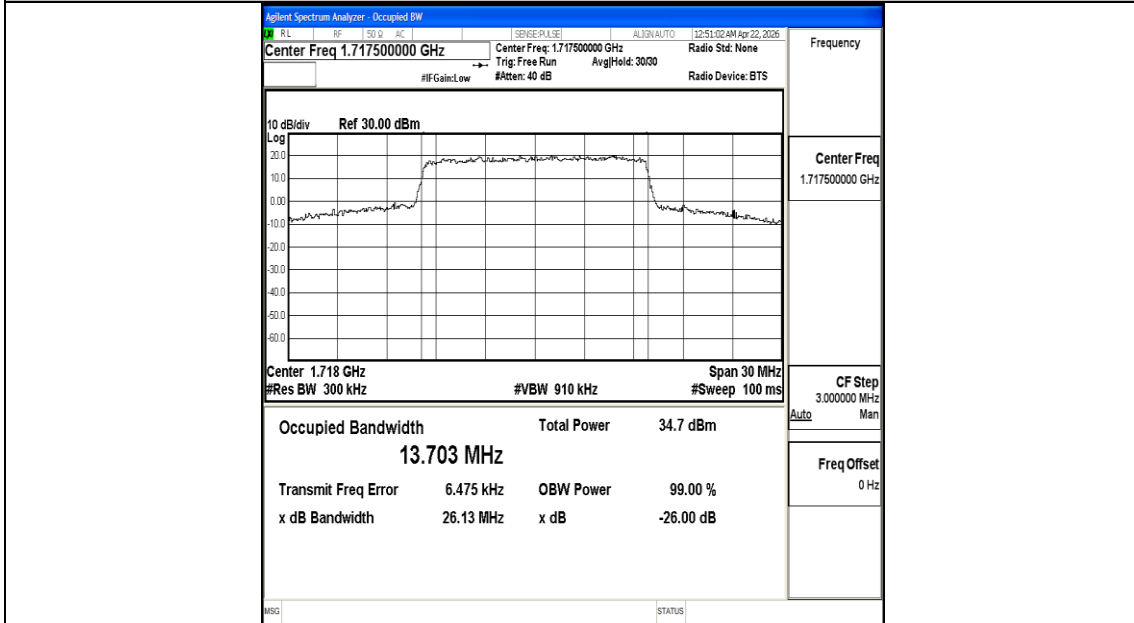




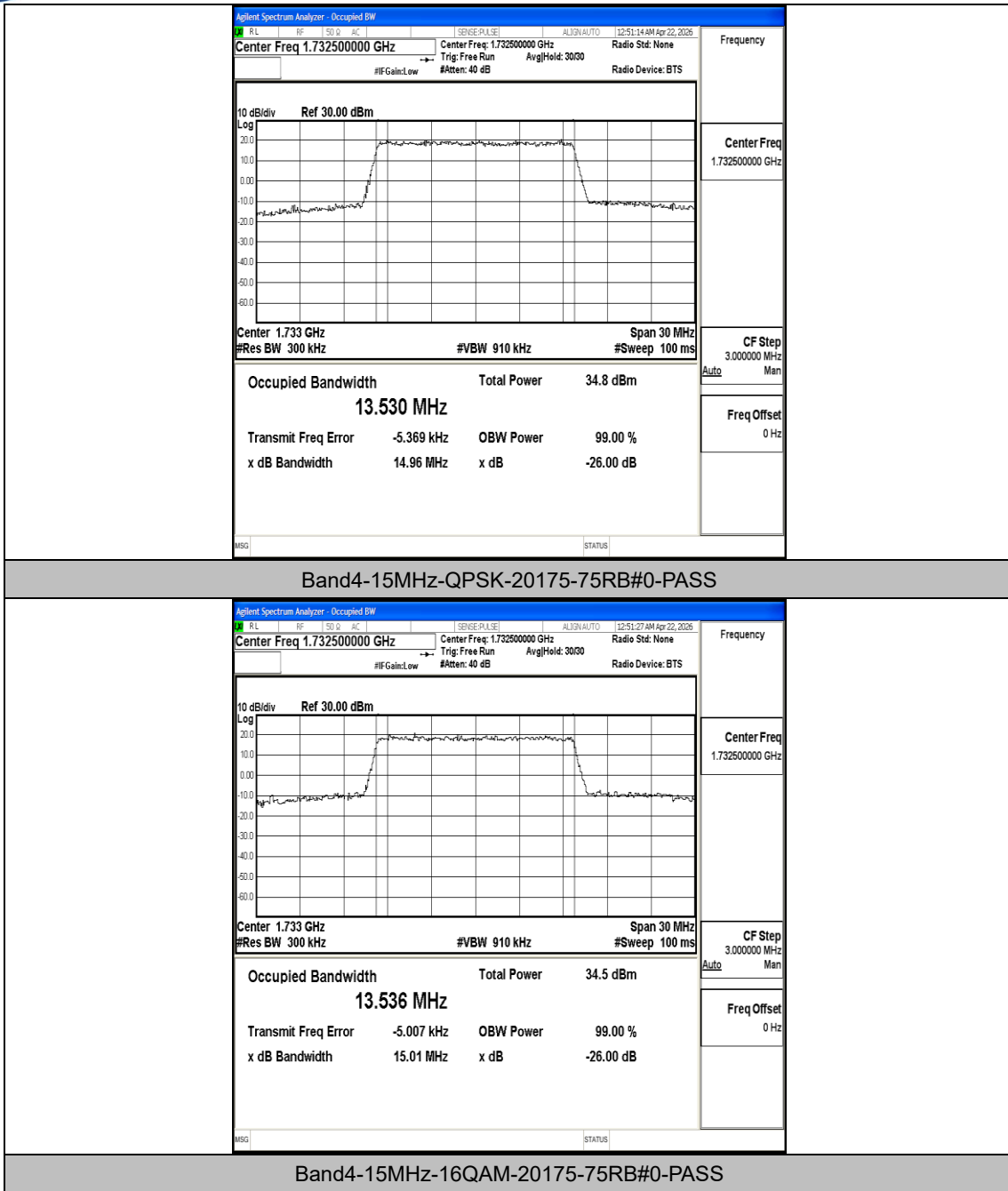


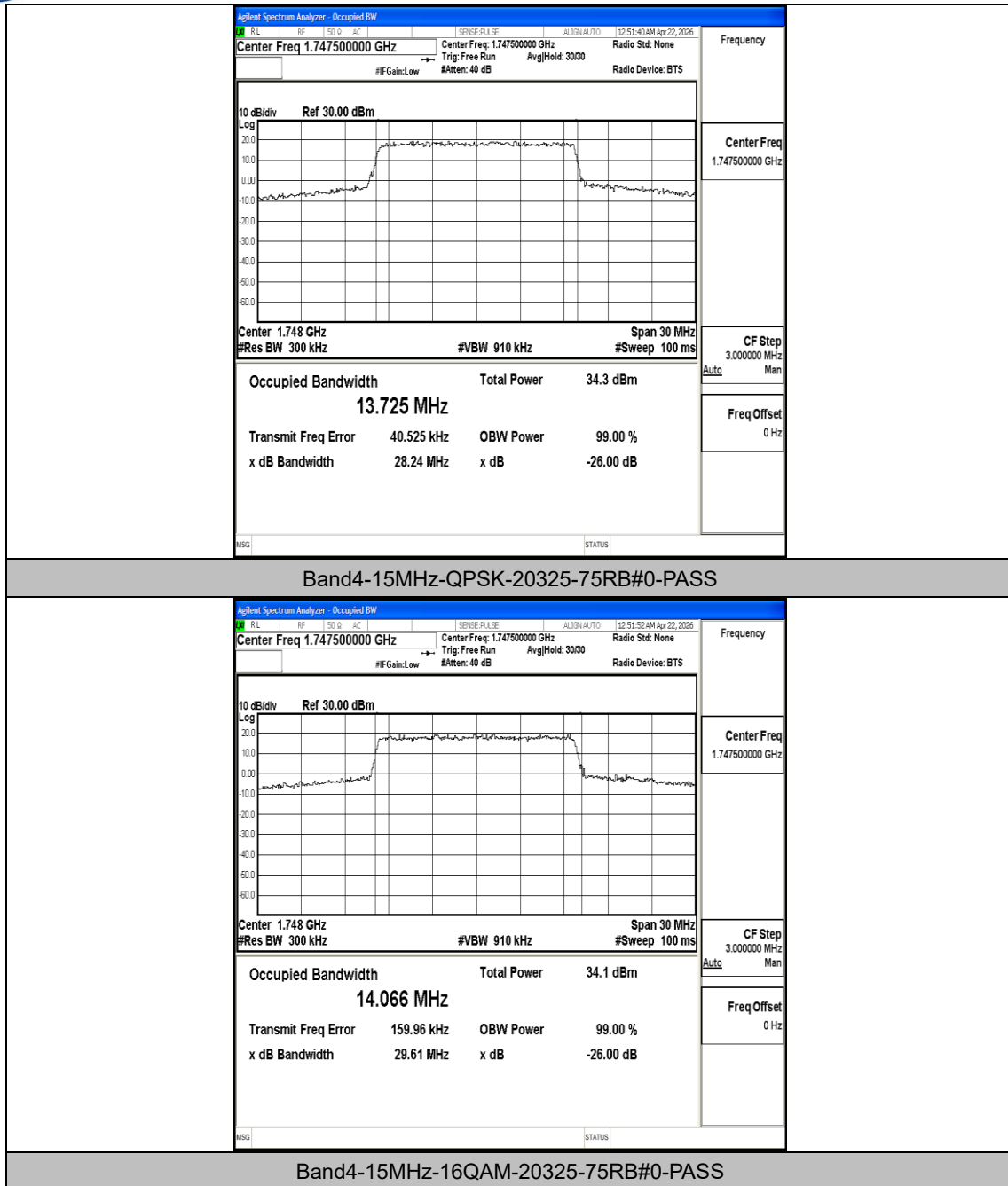


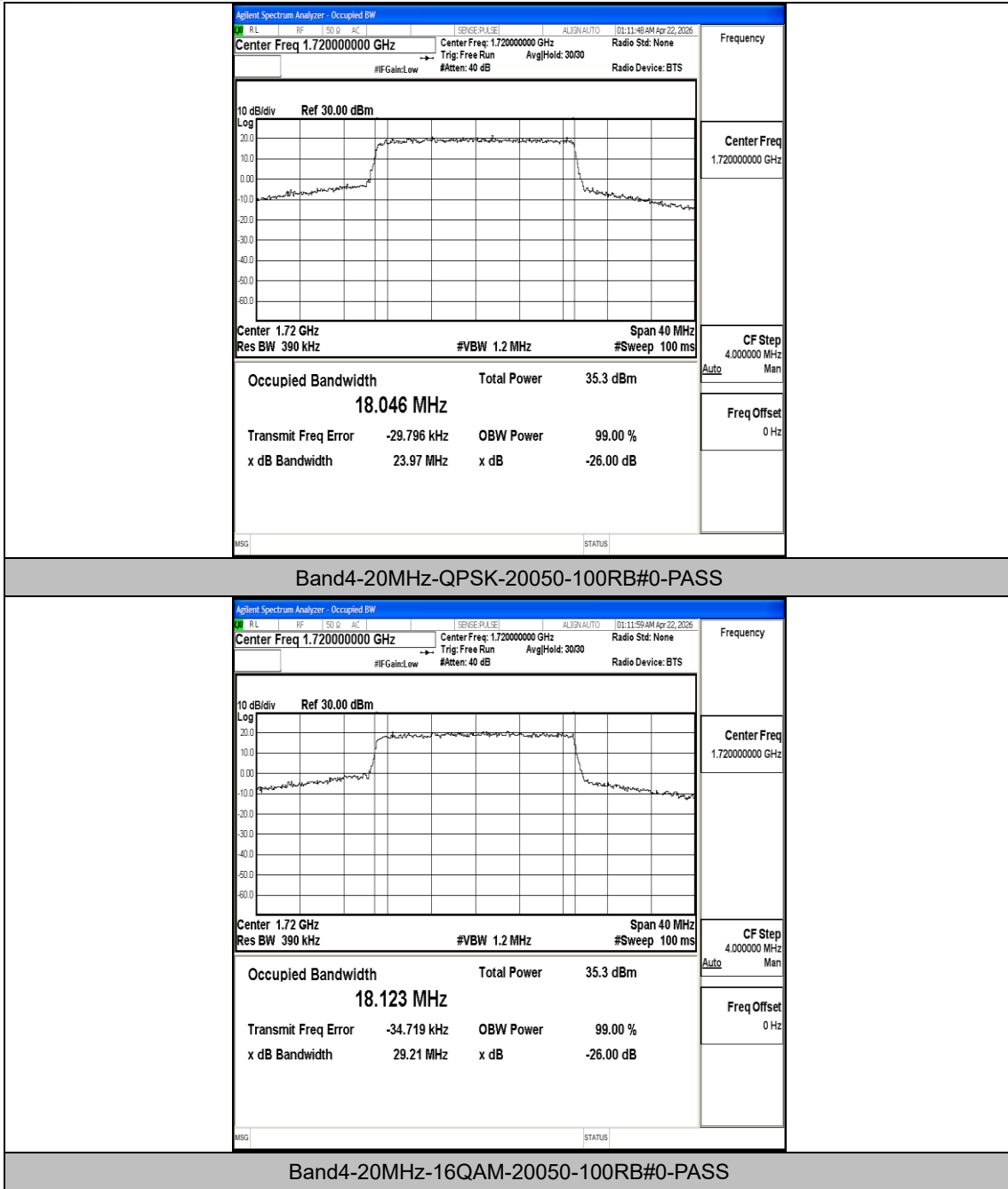
Band4-15MHz-QPSK-20025-75RB#0-PASS

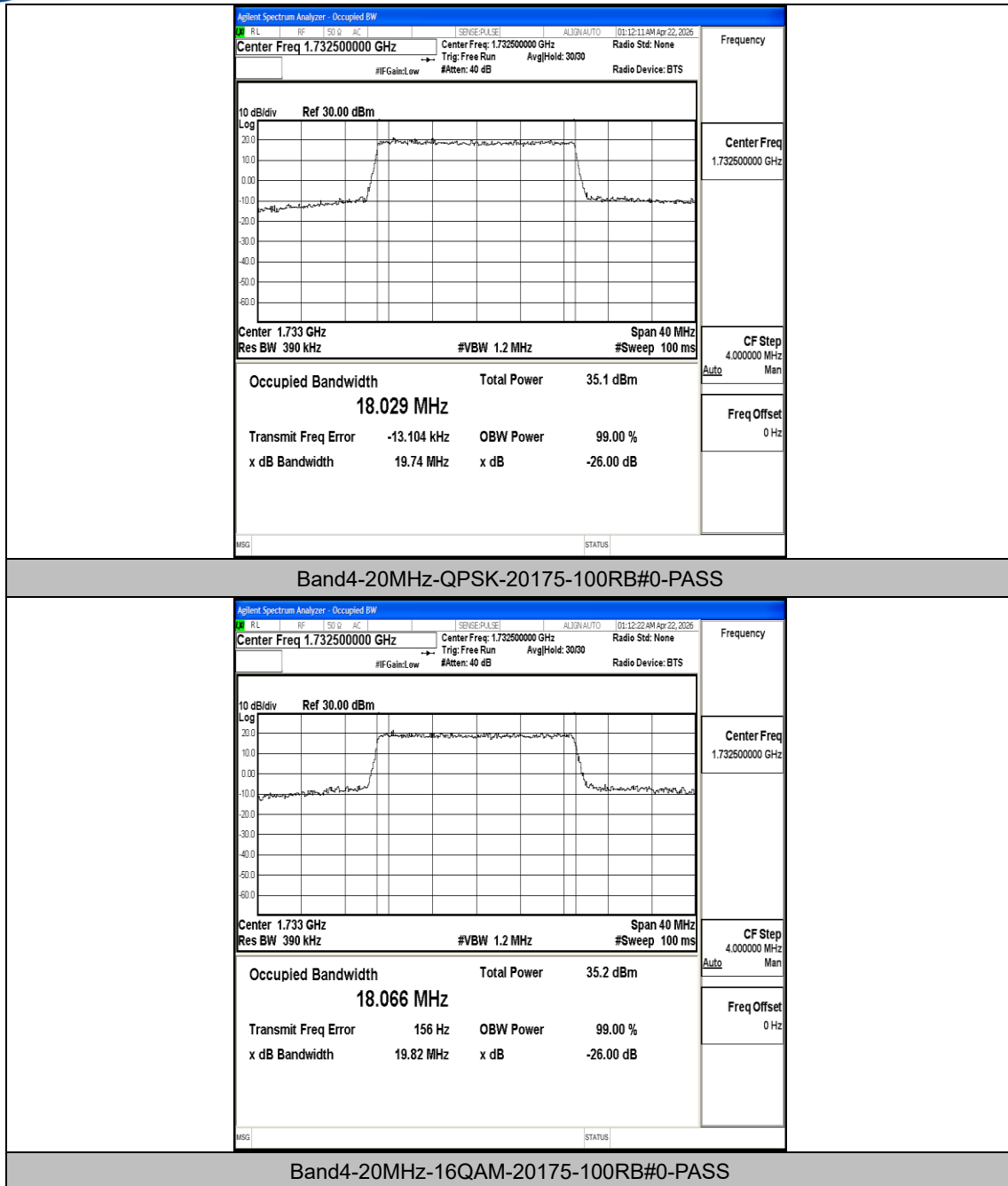


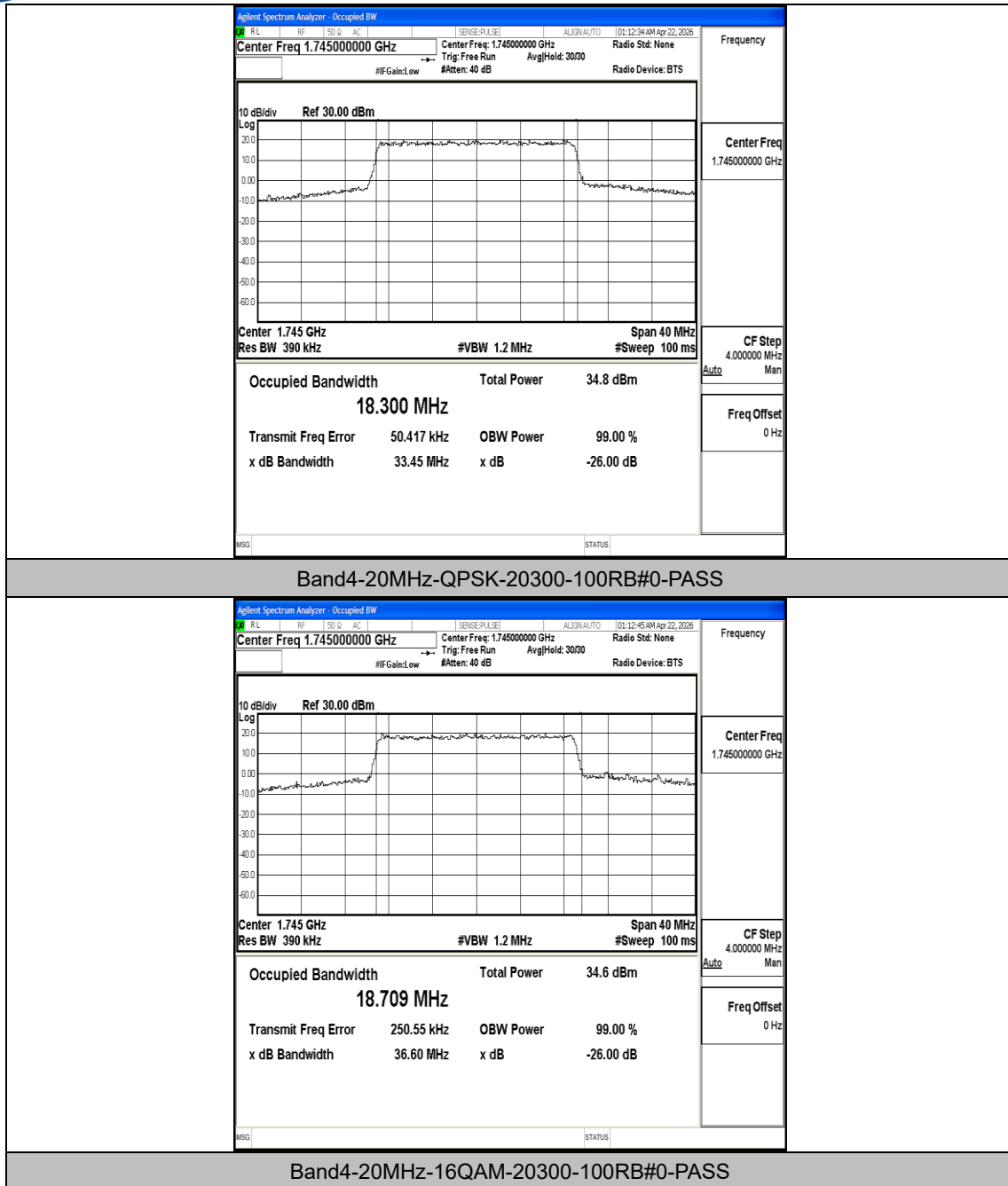
Band4-15MHz-16QAM-20025-75RB#0-PASS









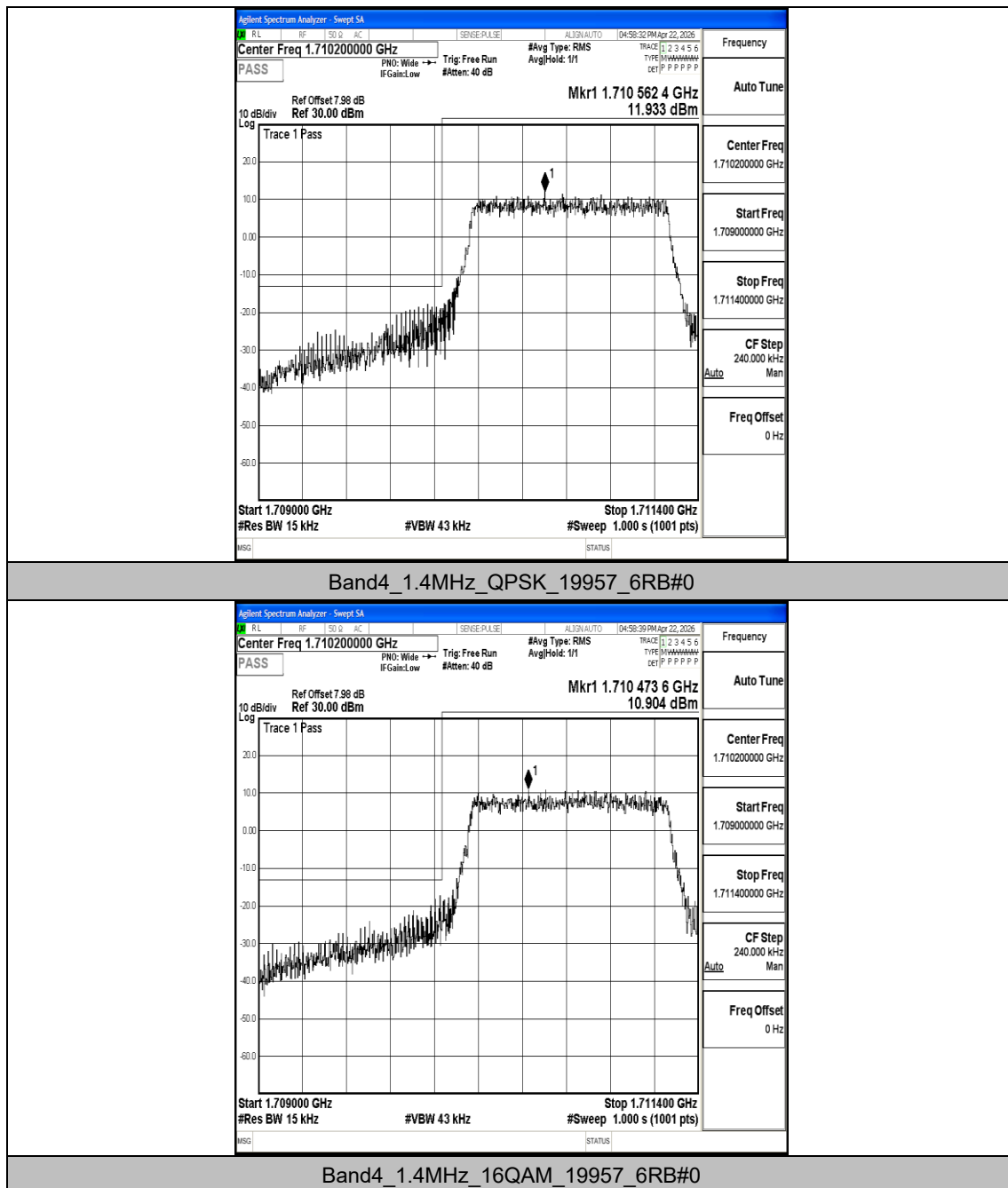


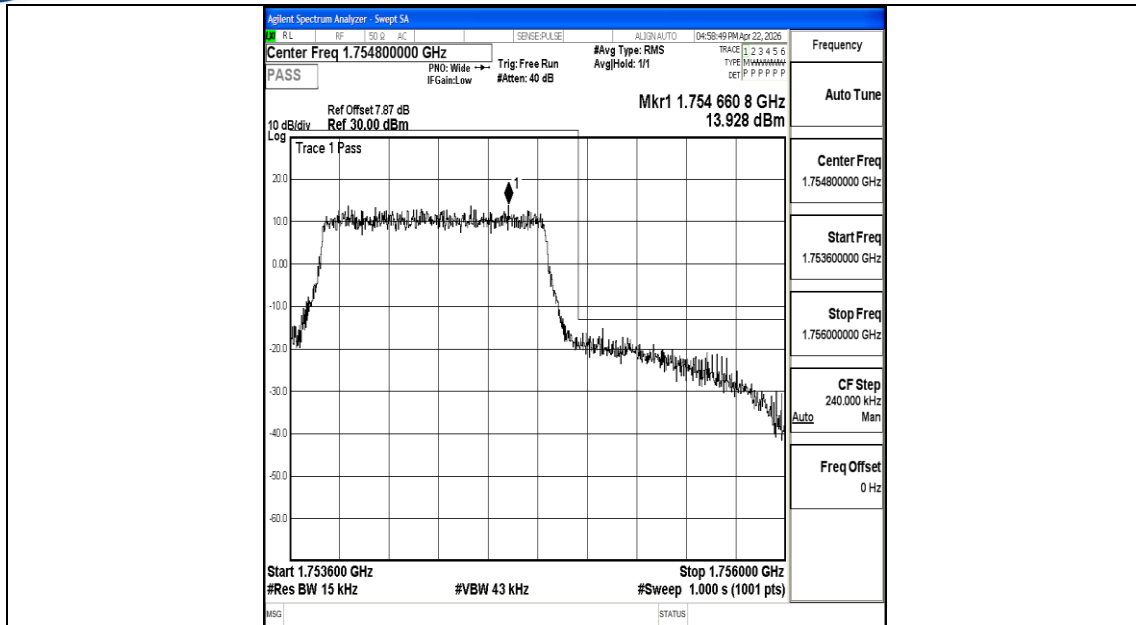
3 Band Edge

Test Result

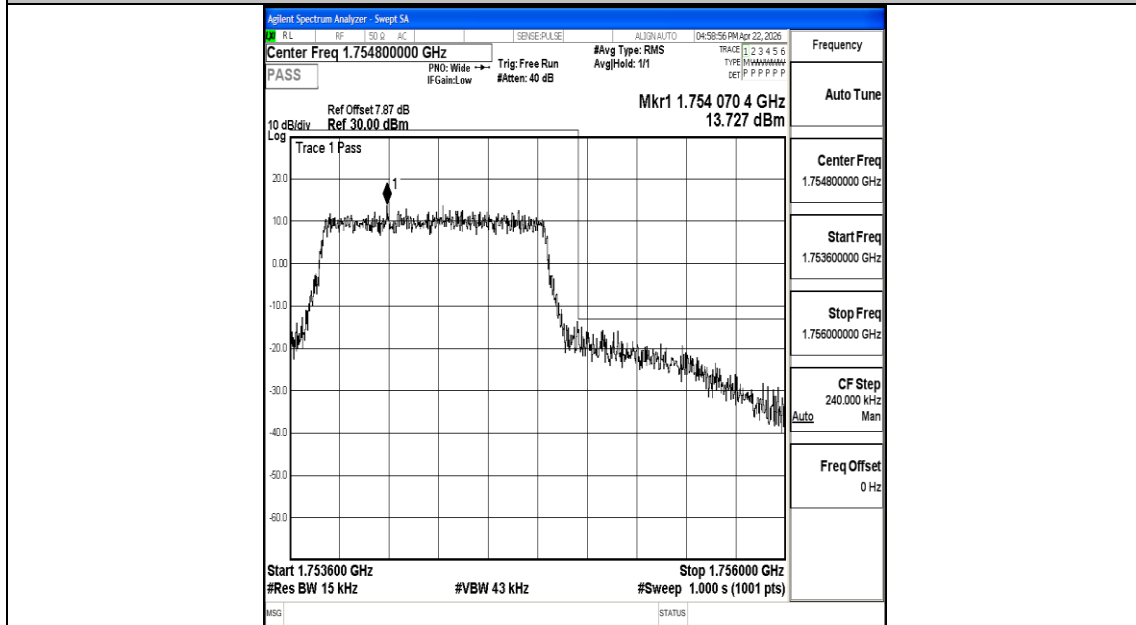
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.92	-17.91	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.99	-17.32	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.12	-15.20	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.01	-15.06	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-15.48	PASS
Band4	3MHz	16QAM	19965	15RB#0	1710.00	-14.52	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.01	-14.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.00	-14.93	PASS
Band4	5MHz	QPSK	19975	25RB#0	1709.99	-18.49	PASS
Band4	5MHz	16QAM	19975	25RB#0	1709.99	-19.80	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.02	-21.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.01	-17.97	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.98	-22.20	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.99	-20.68	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.01	-21.14	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.02	-21.96	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.94	-18.08	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.99	-19.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.04	-17.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.06	-19.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.97	-19.13	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.99	-21.80	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.01	-20.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	1755.01	-20.64	PASS

Test Graphs

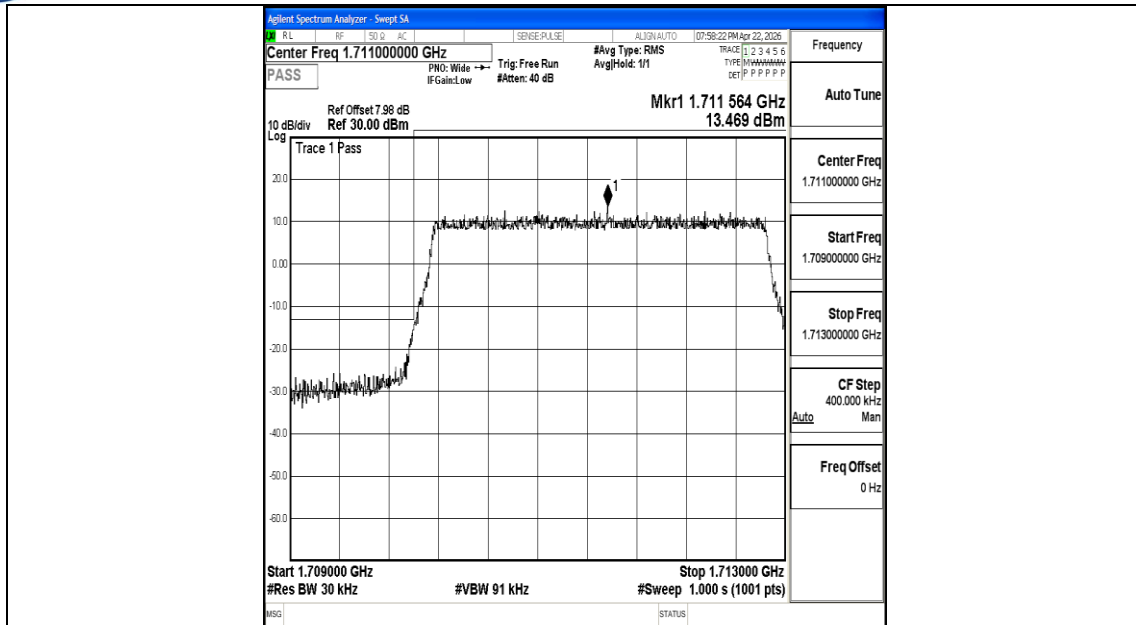




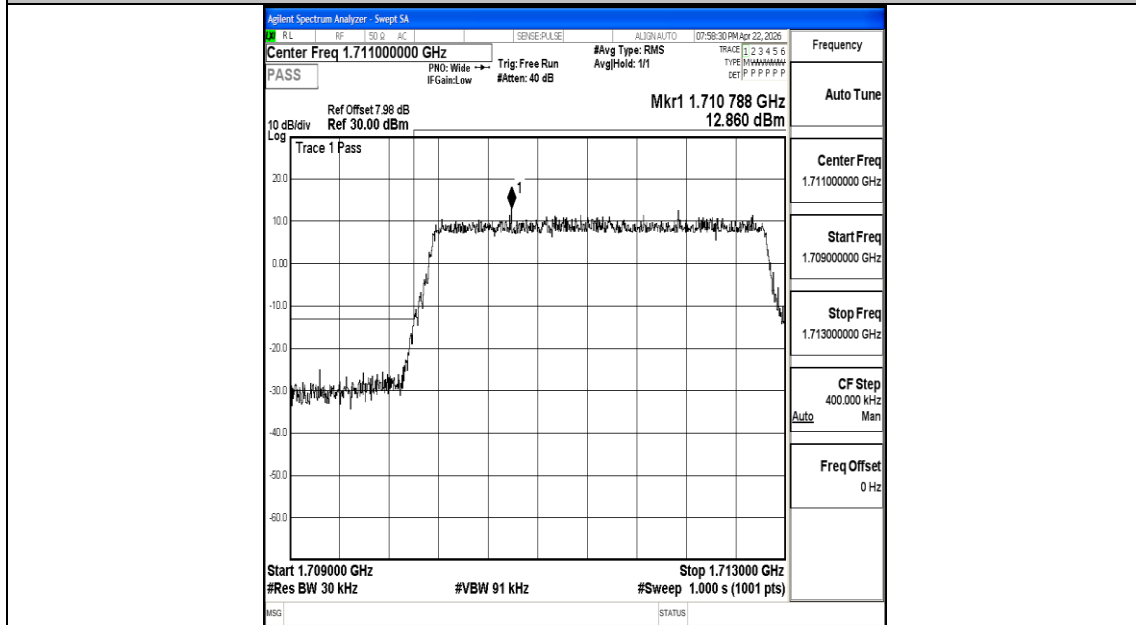
Band4_1.4MHz_QPSK_20393_6RB#0



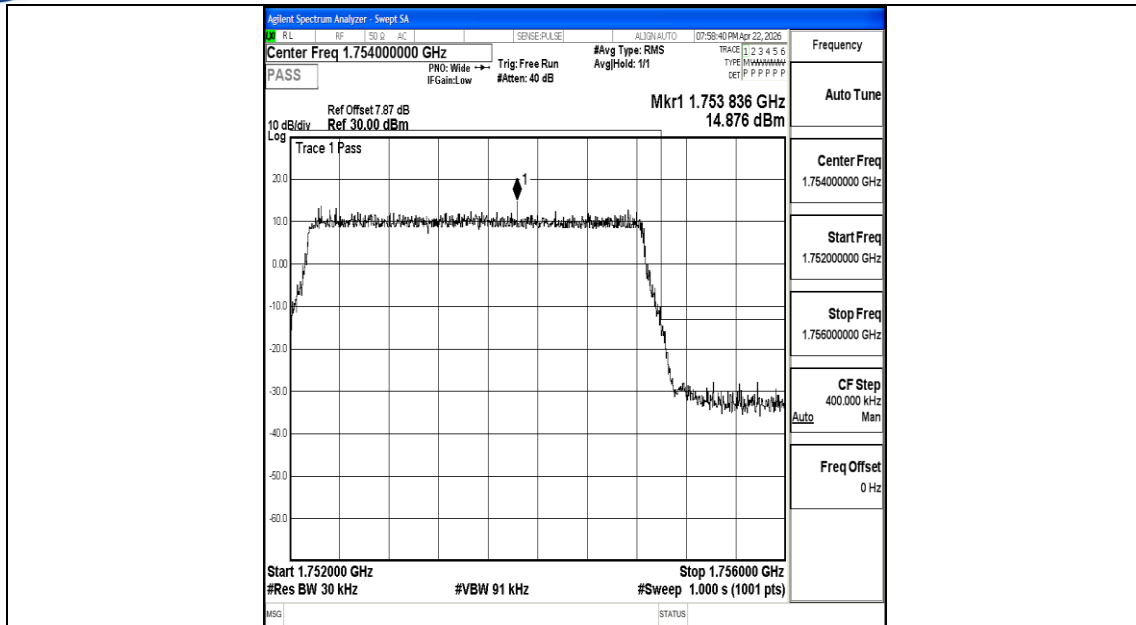
Band4_1.4MHz_16QAM_20393_6RB#0



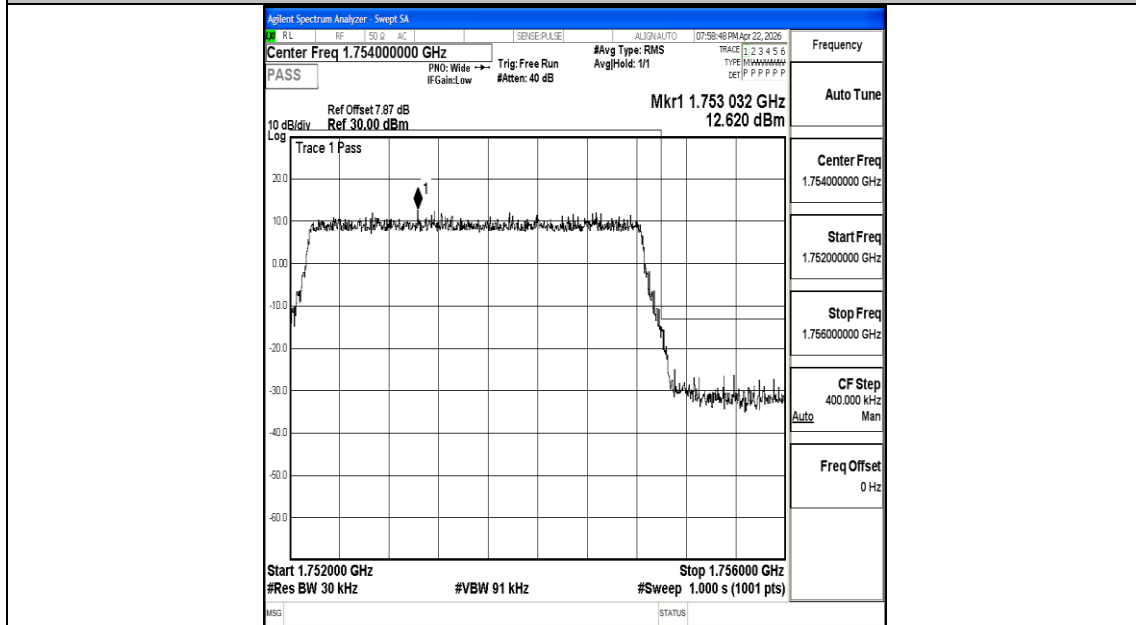
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_20385_15RB#0