



Appendix G: Test Data for E-UTRA Band 4

Product Name: SmartHub
Test Model: SmartHub v2

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





G.1 Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	Low	20.83	PASS
Band4	1.4MHz	19957	QPSK	1	5	Low	20.63	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	18.36	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	20.33	PASS
Band4	1.4MHz	20175	QPSK	1	5	Low	20.36	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	18.12	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	20.75	PASS
Band4	1.4MHz	20393	QPSK	1	5	High	20.65	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	18.52	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	19.70	PASS
Band4	1.4MHz	19957	16QAM	1	5	Low	19.53	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	18.36	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	19.47	PASS
Band4	1.4MHz	20175	16QAM	1	5	Low	19.28	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	18.21	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	19.78	PASS
Band4	1.4MHz	20393	16QAM	1	5	High	19.59	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	18.59	PASS
Band4	3MHz	19965	QPSK	1	0	Low	20.63	PASS
Band4	3MHz	19965	QPSK	1	5	Low	20.48	PASS
Band4	3MHz	19965	QPSK	6	0	Low	18.33	PASS
Band4	3MHz	20175	QPSK	1	0	Low	20.29	PASS
Band4	3MHz	20175	QPSK	1	5	Low	20.41	PASS
Band4	3MHz	20175	QPSK	6	0	Low	18.18	PASS
Band4	3MHz	20385	QPSK	1	0	High	20.73	PASS
Band4	3MHz	20385	QPSK	1	5	High	20.72	PASS
Band4	3MHz	20385	QPSK	6	0	High	18.41	PASS
Band4	3MHz	19965	16QAM	1	0	Low	19.52	PASS
Band4	3MHz	19965	16QAM	1	5	Low	19.51	PASS
Band4	3MHz	19965	16QAM	6	0	Low	18.37	PASS
Band4	3MHz	20175	16QAM	1	0	Low	19.44	PASS





Band4	3MHz	20175	16QAM	1	5	Low	19.25	PASS
Band4	3MHz	20175	16QAM	6	0	Low	18.18	PASS
Band4	3MHz	20385	16QAM	1	0	High	19.76	PASS
Band4	3MHz	20385	16QAM	1	5	High	19.67	PASS
Band4	3MHz	20385	16QAM	6	0	High	18.52	PASS
Band4	5MHz	19975	QPSK	1	0	Low	20.71	PASS
Band4	5MHz	19975	QPSK	1	5	Low	20.51	PASS
Band4	5MHz	19975	QPSK	6	0	Low	19.32	PASS
Band4	5MHz	20175	QPSK	1	0	Low	20.26	PASS
Band4	5MHz	20175	QPSK	1	5	Low	20.44	PASS
Band4	5MHz	20175	QPSK	6	0	Low	19.21	PASS
Band4	5MHz	20375	QPSK	1	0	High	20.71	PASS
Band4	5MHz	20375	QPSK	1	5	High	20.73	PASS
Band4	5MHz	20375	QPSK	6	0	High	19.63	PASS
Band4	5MHz	19975	16QAM	1	0	Low	20.91	PASS
Band4	5MHz	19975	16QAM	1	5	Low	20.75	PASS
Band4	5MHz	19975	16QAM	6	0	Low	19.33	PASS
Band4	5MHz	20175	16QAM	1	0	Low	20.67	PASS
Band4	5MHz	20175	16QAM	1	5	Low	20.58	PASS
Band4	5MHz	20175	16QAM	6	0	Low	19.02	PASS
Band4	5MHz	20375	16QAM	1	0	High	21.01	PASS
Band4	5MHz	20375	16QAM	1	5	High	20.92	PASS
Band4	5MHz	20375	16QAM	6	0	High	19.55	PASS
Band4	10MHz	20000	QPSK	1	0	Low	20.84	PASS
Band4	10MHz	20000	QPSK	1	5	Low	20.81	PASS
Band4	10MHz	20000	QPSK	6	0	Low	19.44	PASS
Band4	10MHz	20175	QPSK	1	0	Low	20.46	PASS
Band4	10MHz	20175	QPSK	1	5	Low	20.56	PASS
Band4	10MHz	20175	QPSK	6	0	Low	19.28	PASS
Band4	10MHz	20350	QPSK	1	0	High	20.81	PASS
Band4	10MHz	20350	QPSK	1	5	High	20.75	PASS
Band4	10MHz	20350	QPSK	6	0	High	19.80	PASS
Band4	10MHz	20000	16QAM	1	0	Low	20.79	PASS
Band4	10MHz	20000	16QAM	1	5	Low	20.75	PASS
Band4	10MHz	20000	16QAM	6	0	Low	19.34	PASS
Band4	10MHz	20175	16QAM	1	0	Low	20.50	PASS
Band4	10MHz	20175	16QAM	1	5	Low	20.51	PASS
Band4	10MHz	20175	16QAM	6	0	Low	19.09	PASS
Band4	10MHz	20350	16QAM	1	0	High	21.09	PASS
Band4	10MHz	20350	16QAM	1	5	High	21.01	PASS



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Band4	10MHz	20350	16QAM	6	0	High	19.58	PASS
Band4	15MHz	20025	QPSK	1	0	Low	20.68	PASS
Band4	15MHz	20025	QPSK	1	5	Low	20.53	PASS
Band4	15MHz	20025	QPSK	6	0	Low	20.69	PASS
Band4	15MHz	20175	QPSK	1	0	Low	20.32	PASS
Band4	15MHz	20175	QPSK	1	5	Low	20.37	PASS
Band4	15MHz	20175	QPSK	6	0	Low	20.35	PASS
Band4	15MHz	20325	QPSK	1	0	High	20.78	PASS
Band4	15MHz	20325	QPSK	1	5	High	20.70	PASS
Band4	15MHz	20325	QPSK	6	0	High	20.65	PASS
Band4	15MHz	20025	16QAM	1	0	Low	20.92	PASS
Band4	15MHz	20025	16QAM	1	5	Low	20.87	PASS
Band4	15MHz	20025	16QAM	6	0	Low	20.45	PASS
Band4	15MHz	20175	16QAM	1	0	Low	20.63	PASS
Band4	15MHz	20175	16QAM	1	5	Low	20.56	PASS
Band4	15MHz	20175	16QAM	6	0	Low	20.35	PASS
Band4	15MHz	20325	16QAM	1	0	High	21.00	PASS
Band4	15MHz	20325	16QAM	1	5	High	20.89	PASS
Band4	15MHz	20325	16QAM	6	0	High	20.65	PASS
Band4	20MHz	20050	QPSK	1	0	Low	20.74	PASS
Band4	20MHz	20050	QPSK	1	5	Low	20.58	PASS
Band4	20MHz	20050	QPSK	6	0	Low	20.56	PASS
Band4	20MHz	20175	QPSK	1	0	Low	20.40	PASS
Band4	20MHz	20175	QPSK	1	5	Low	20.60	PASS
Band4	20MHz	20175	QPSK	6	0	Low	20.19	PASS
Band4	20MHz	20300	QPSK	1	0	High	20.87	PASS
Band4	20MHz	20300	QPSK	1	5	High	20.83	PASS
Band4	20MHz	20300	QPSK	6	0	High	20.60	PASS
Band4	20MHz	20050	16QAM	1	0	Low	20.94	PASS
Band4	20MHz	20050	16QAM	1	5	Low	20.75	PASS
Band4	20MHz	20050	16QAM	6	0	Low	20.55	PASS
Band4	20MHz	20175	16QAM	1	0	Low	20.74	PASS
Band4	20MHz	20175	16QAM	1	5	Low	20.48	PASS
Band4	20MHz	20175	16QAM	6	0	Low	20.19	PASS
Band4	20MHz	20300	16QAM	1	0	High	21.10	PASS
Band4	20MHz	20300	16QAM	1	5	High	20.93	PASS
Band4	20MHz	20300	16QAM	6	0	High	20.61	PASS



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G.2 Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	19957	QPSK	6	0	Low	9.73	<=13	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	10.66	<=13	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	9.52	<=13	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	9.94	<=13	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	10.39	<=13	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	9.92	<=13	PASS
Band4	3MHz	19965	QPSK	6	0	Low	10.47	<=13	PASS
Band4	3MHz	20175	QPSK	6	0	Low	9.79	<=13	PASS
Band4	3MHz	20385	QPSK	6	0	High	11.60	<=13	PASS
Band4	3MHz	19965	16QAM	6	0	Low	12.07	<=13	PASS
Band4	3MHz	20175	16QAM	6	0	Low	9.30	<=13	PASS
Band4	3MHz	20385	16QAM	6	0	High	10.19	<=13	PASS
Band4	5MHz	19975	QPSK	6	0	Low	11.39	<=13	PASS
Band4	5MHz	20175	QPSK	6	0	Low	9.66	<=13	PASS
Band4	5MHz	20375	QPSK	6	0	High	10.01	<=13	PASS
Band4	5MHz	19975	16QAM	6	0	Low	8.40	<=13	PASS
Band4	5MHz	20175	16QAM	6	0	Low	9.62	<=13	PASS
Band4	5MHz	20375	16QAM	6	0	High	9.85	<=13	PASS
Band4	10MHz	20000	QPSK	6	0	Low	10.96	<=13	PASS
Band4	10MHz	20175	QPSK	6	0	Low	9.98	<=13	PASS
Band4	10MHz	20350	QPSK	6	0	High	8.82	<=13	PASS
Band4	10MHz	20000	16QAM	6	0	Low	9.73	<=13	PASS
Band4	10MHz	20175	16QAM	6	0	Low	9.91	<=13	PASS
Band4	10MHz	20350	16QAM	6	0	High	9.78	<=13	PASS
Band4	15MHz	20025	QPSK	6	0	Low	9.34	<=13	PASS
Band4	15MHz	20175	QPSK	6	0	Low	9.63	<=13	PASS
Band4	15MHz	20325	QPSK	6	0	High	9.90	<=13	PASS
Band4	15MHz	20025	16QAM	6	0	Low	8.37	<=13	PASS
Band4	15MHz	20175	16QAM	6	0	Low	6.92	<=13	PASS
Band4	15MHz	20325	16QAM	6	0	High	11.52	<=13	PASS
Band4	20MHz	20050	QPSK	6	0	Low	9.10	<=13	PASS
Band4	20MHz	20175	QPSK	6	0	Low	9.00	<=13	PASS



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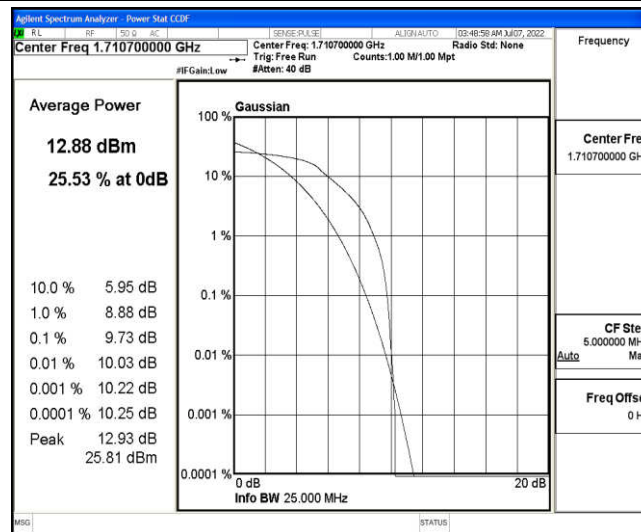
Band4	20MHz	20300	QPSK	6	0	High	9.76	<=13	PASS
Band4	20MHz	20050	16QAM	6	0	Low	8.56	<=13	PASS
Band4	20MHz	20175	16QAM	6	0	Low	9.18	<=13	PASS
Band4	20MHz	20300	16QAM	6	0	High	9.75	<=13	PASS



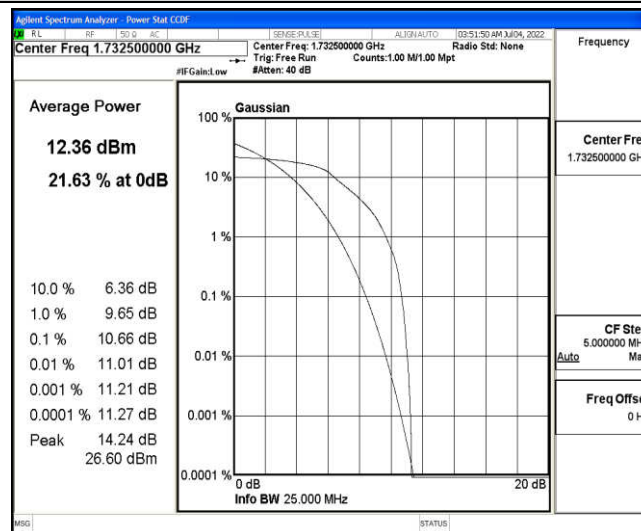
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Test Graphs

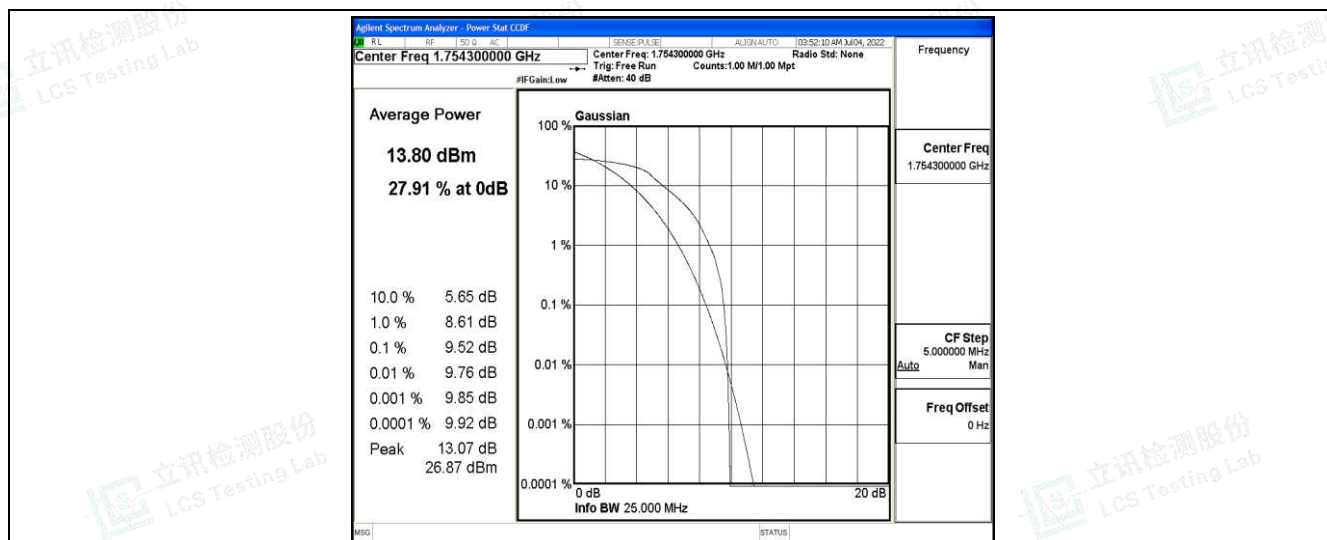


Band4-1.4MHz-QPSK-19957-6-0-Low-9.73-<=13-PASS

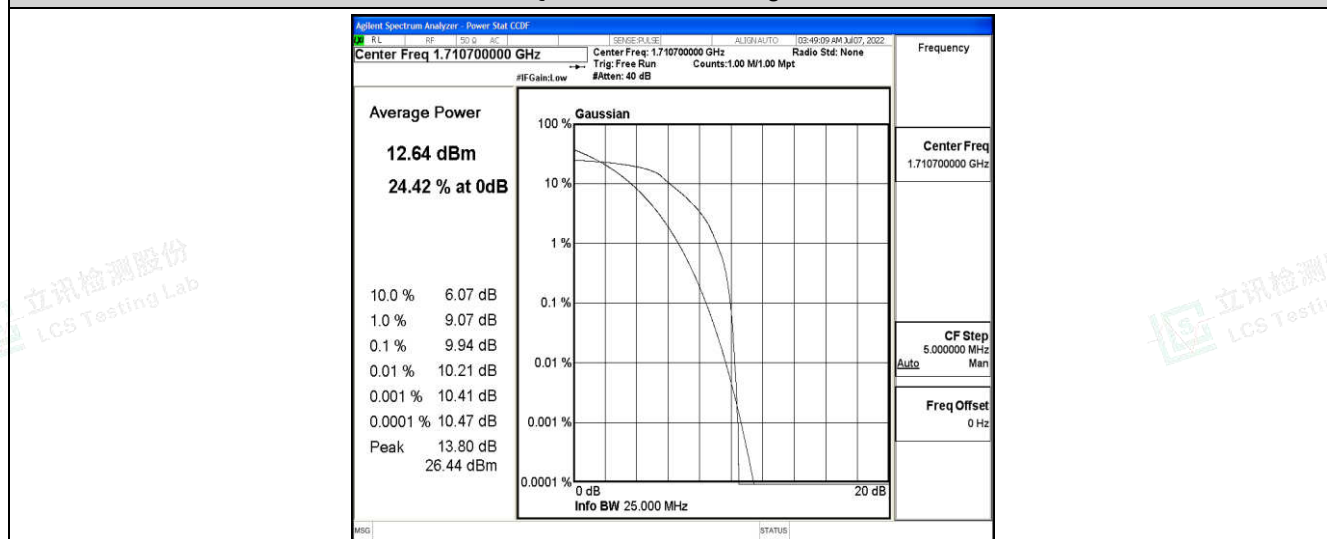


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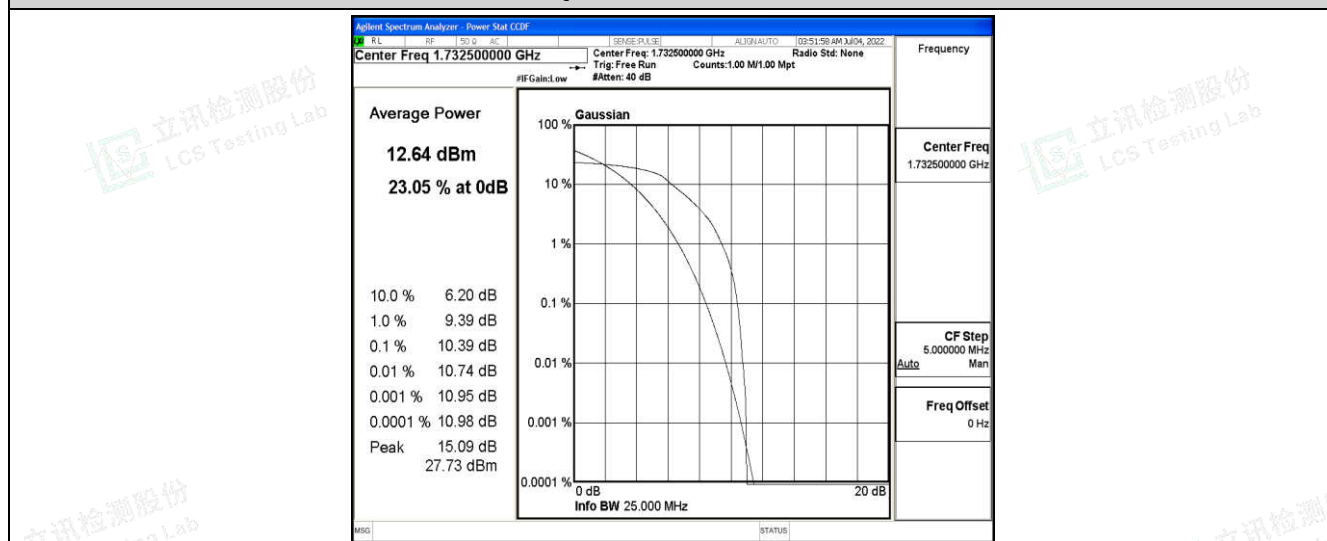




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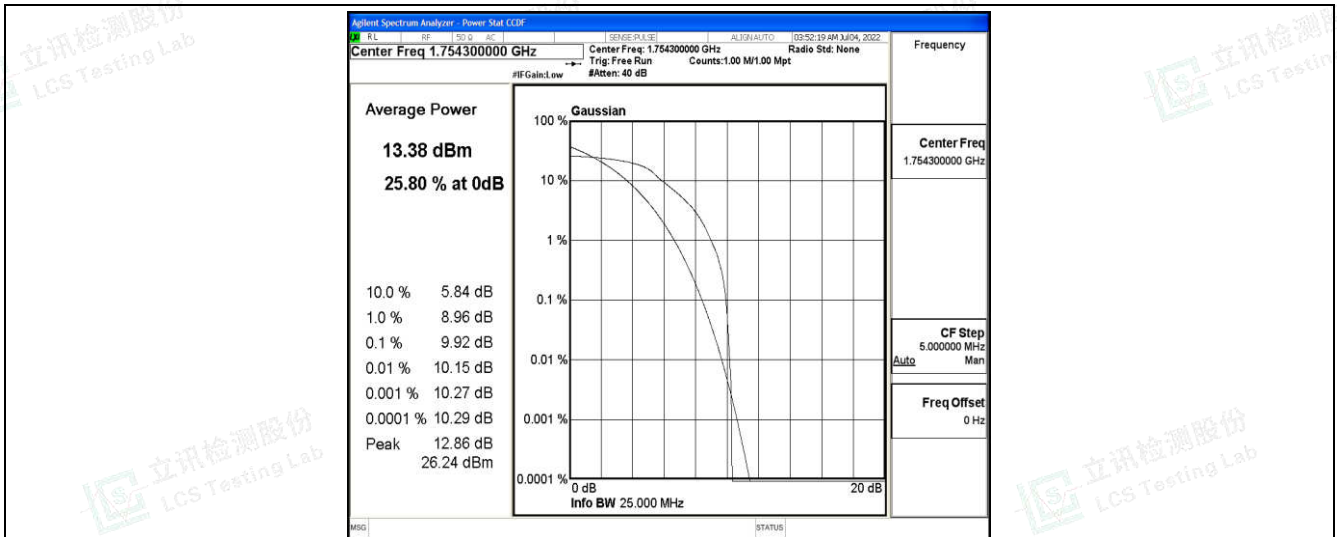
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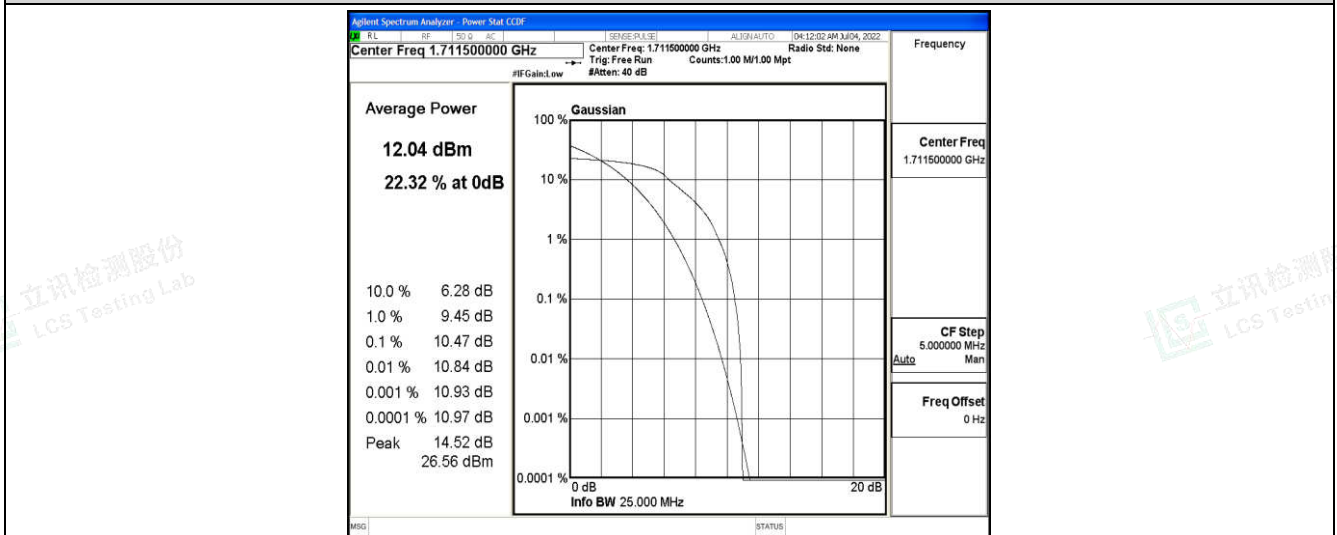
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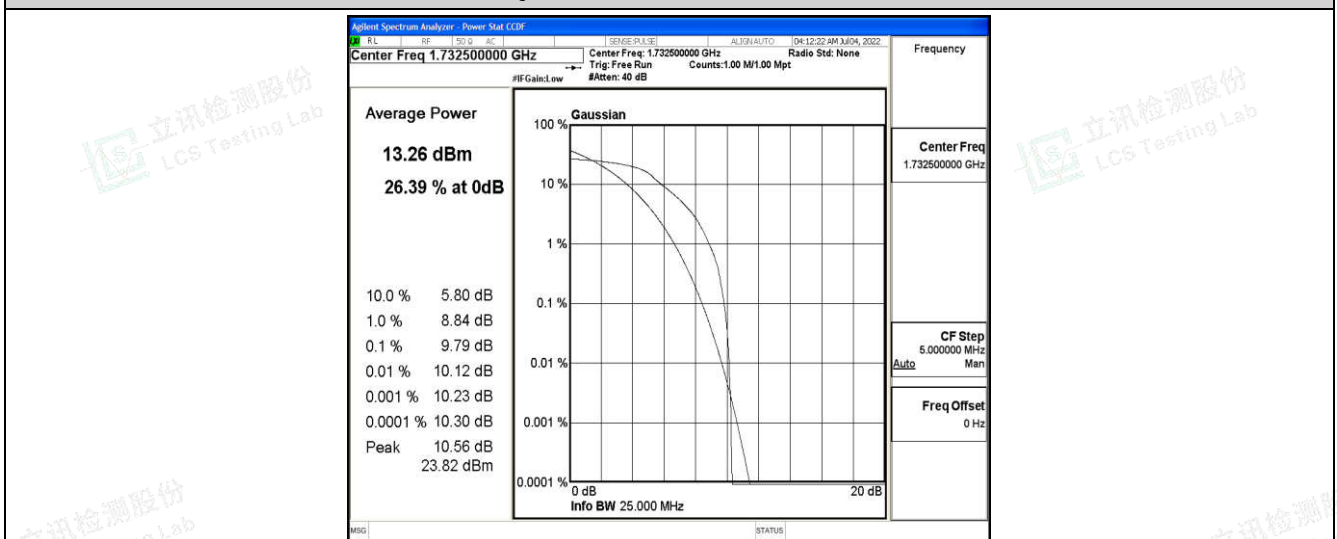
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Band4-1.4MHz-16QAM-20393-6-0-High-9.92-<=13-PASS

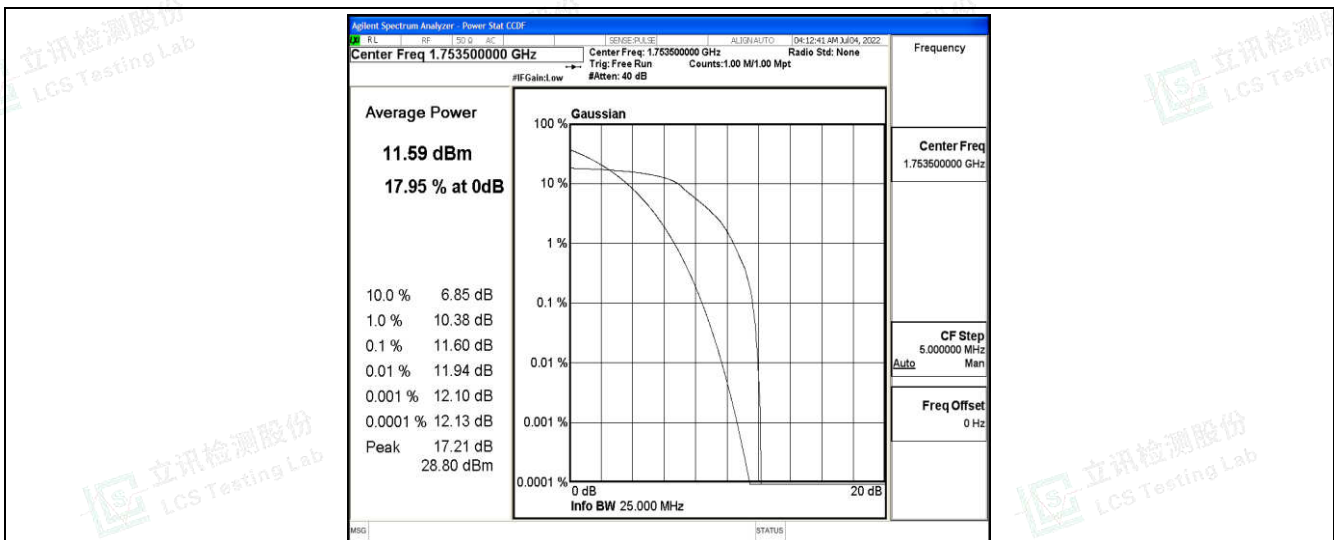


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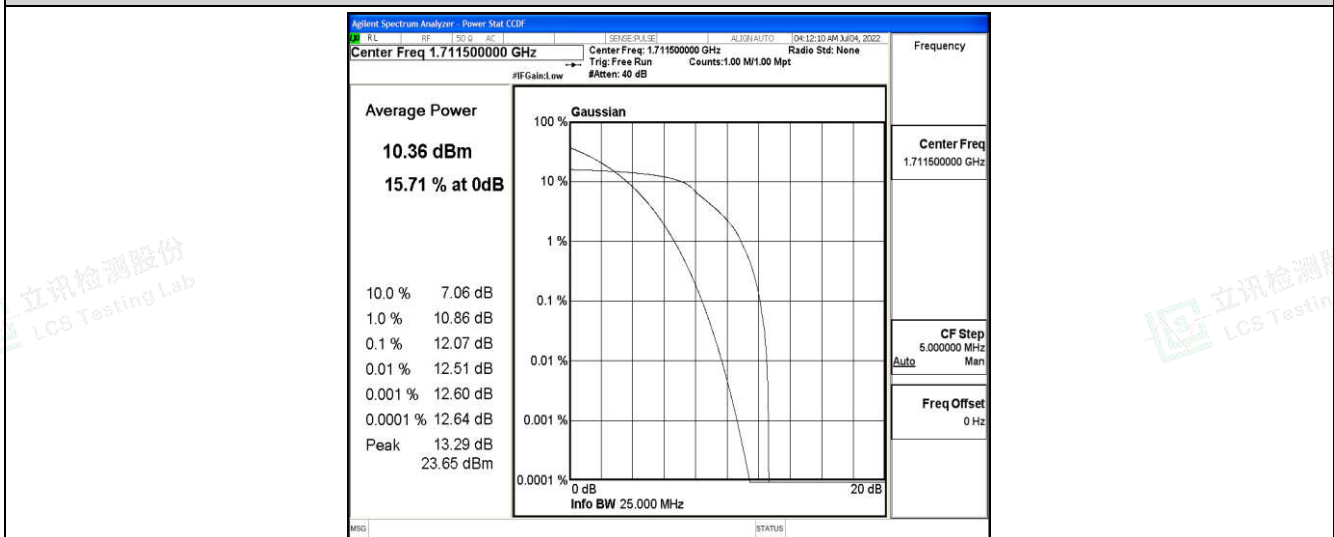


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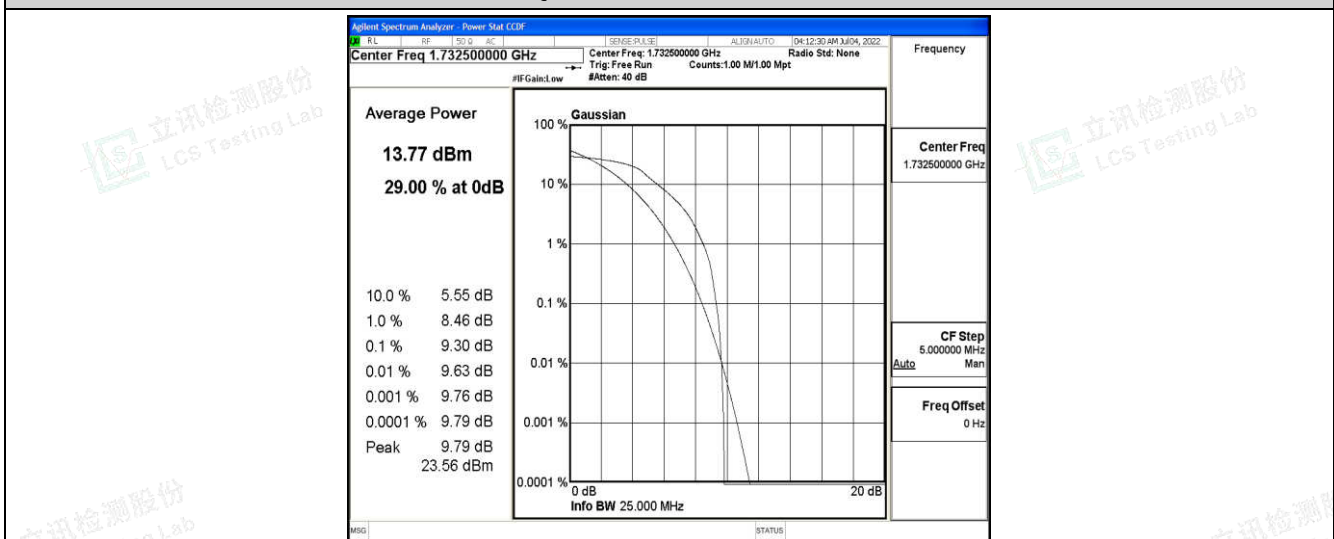




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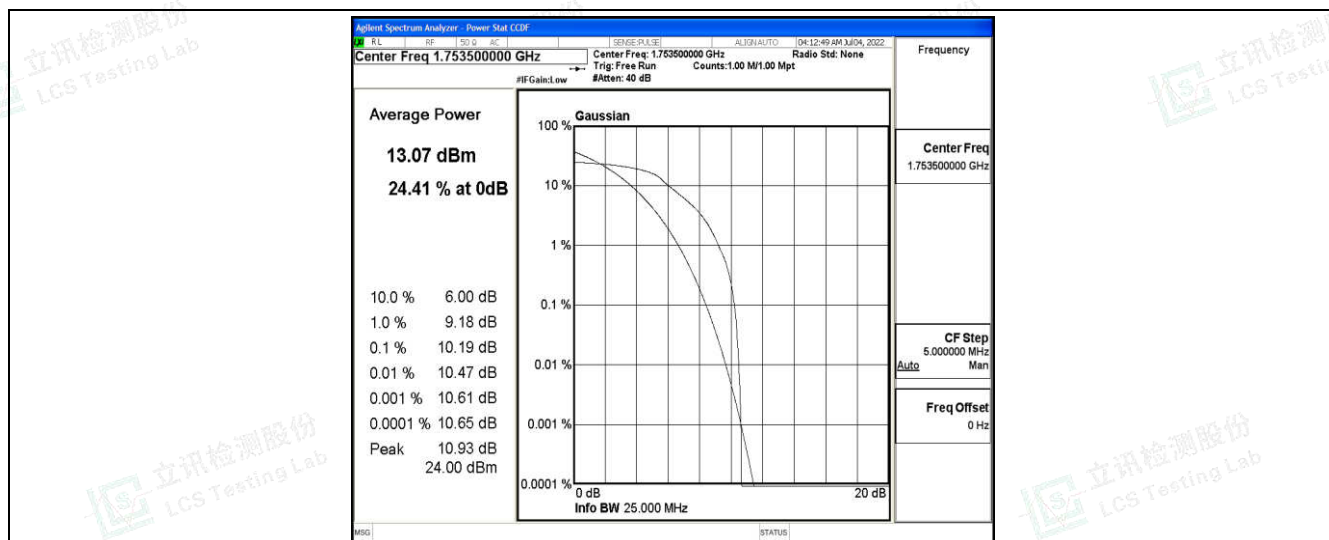
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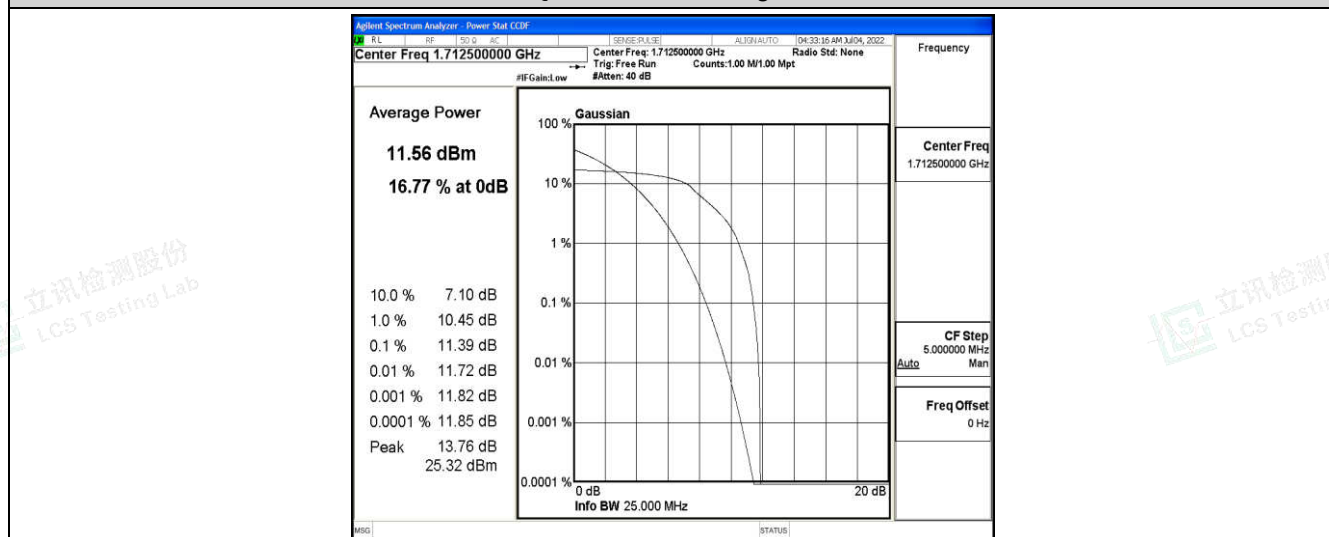
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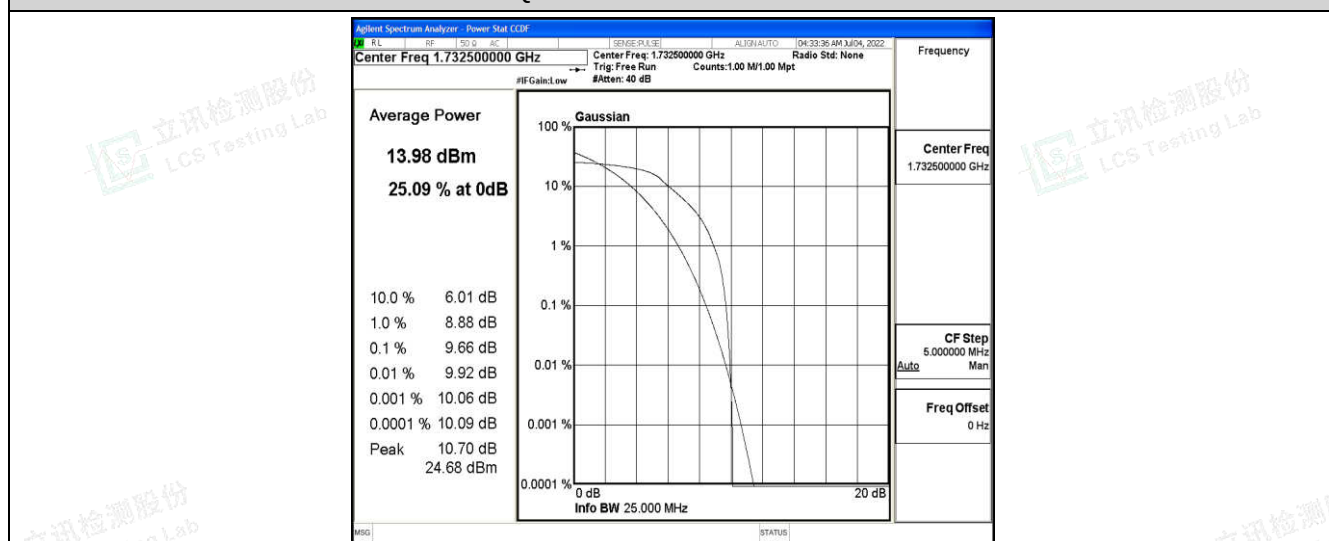
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Band4-3MHz-16QAM-20385-6-0-High-10.19-<=13-PASS



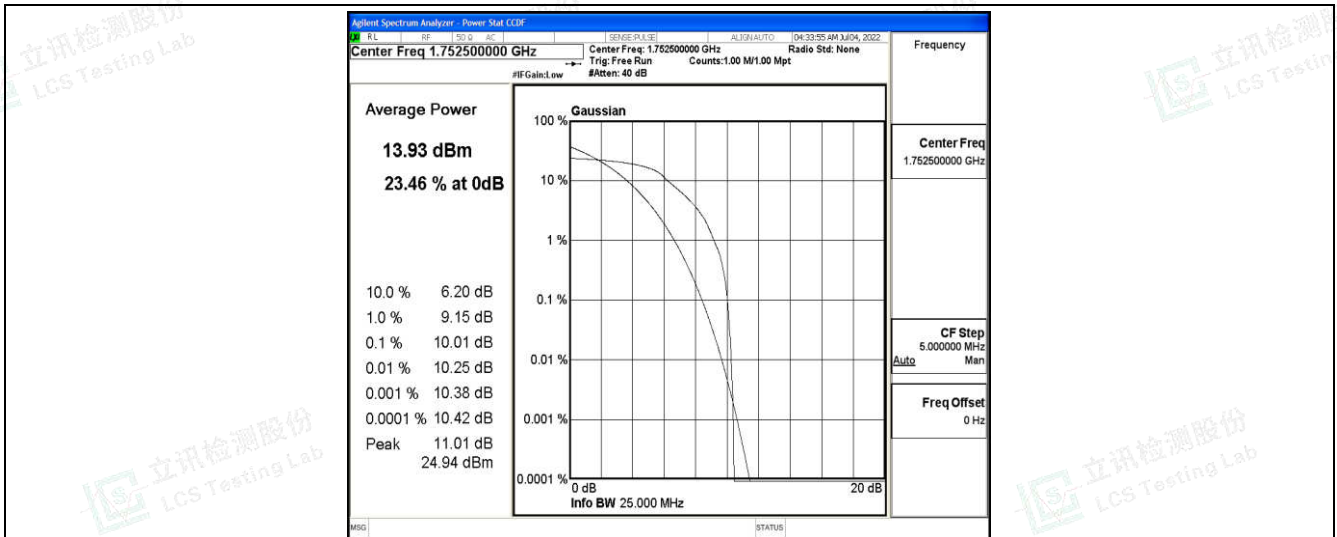
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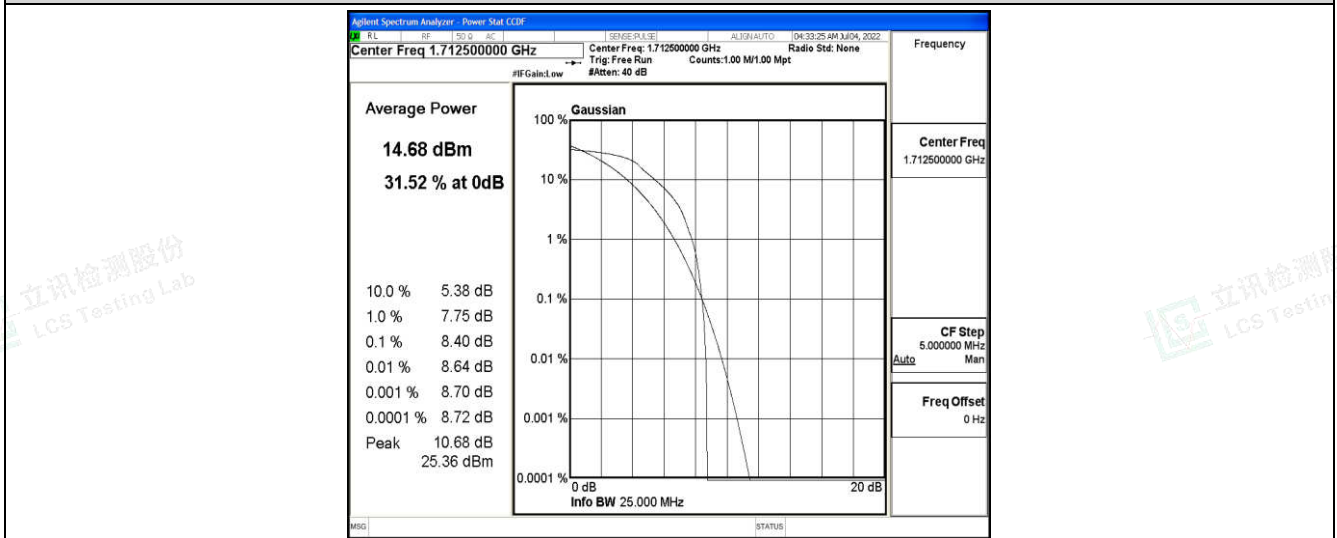
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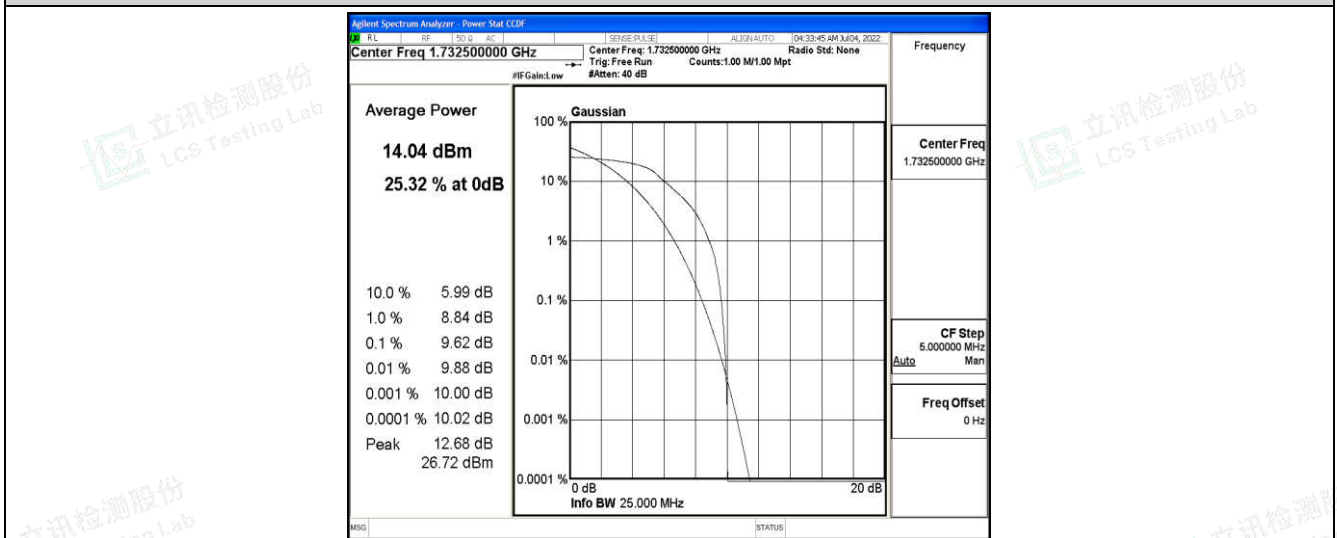
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Band4-5MHz-QPSK-20375-6-0-High-10.01-<=13-PASS



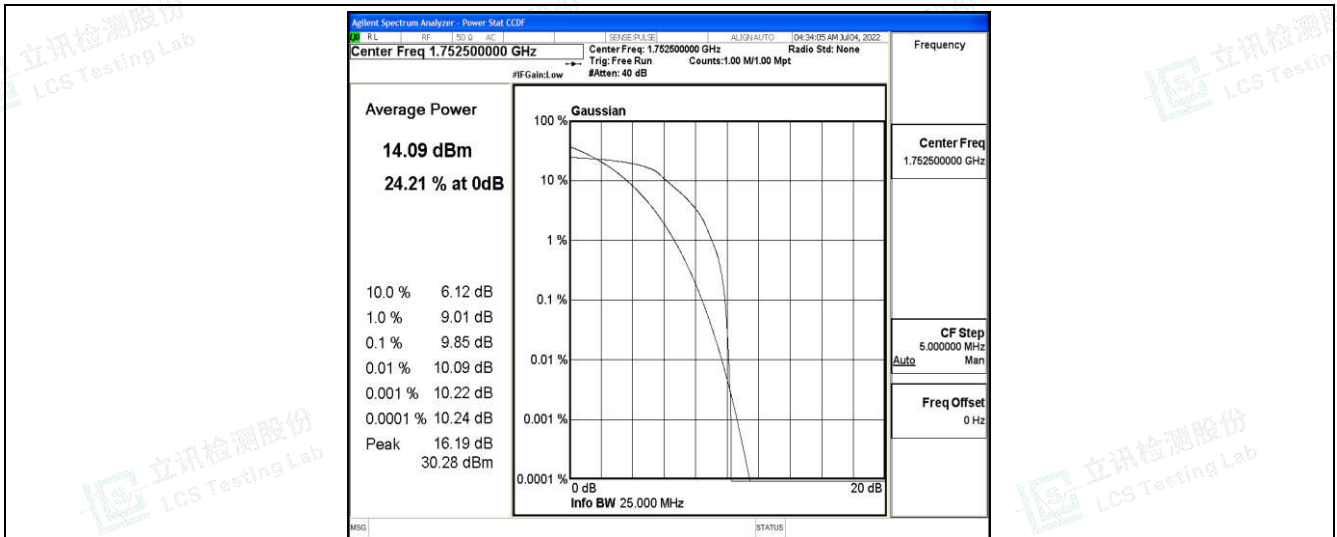
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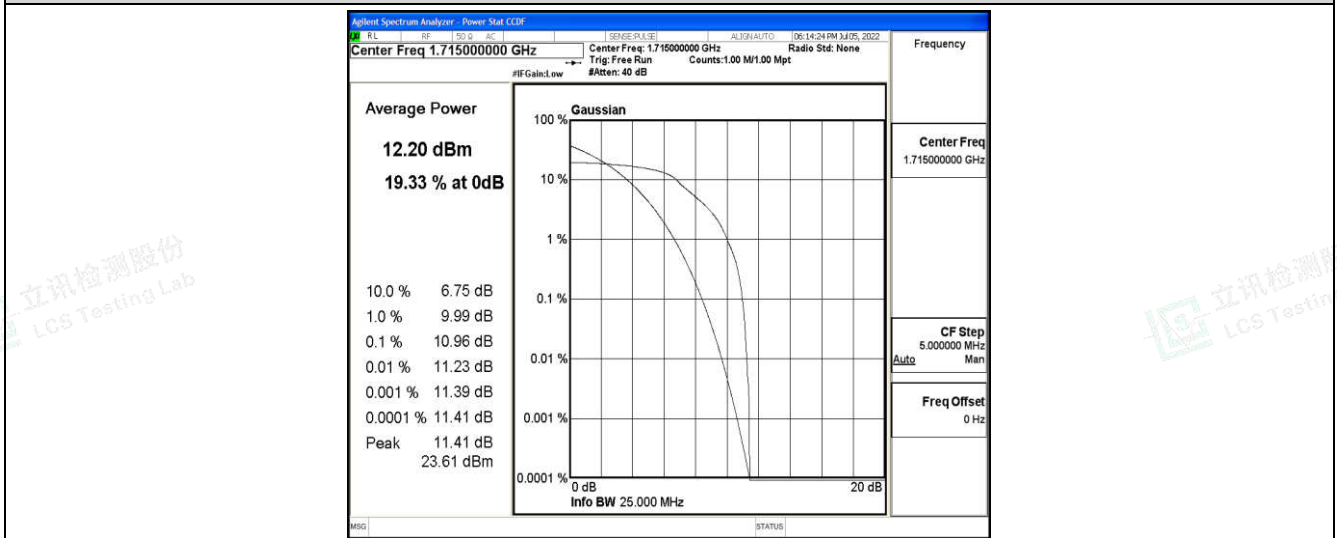
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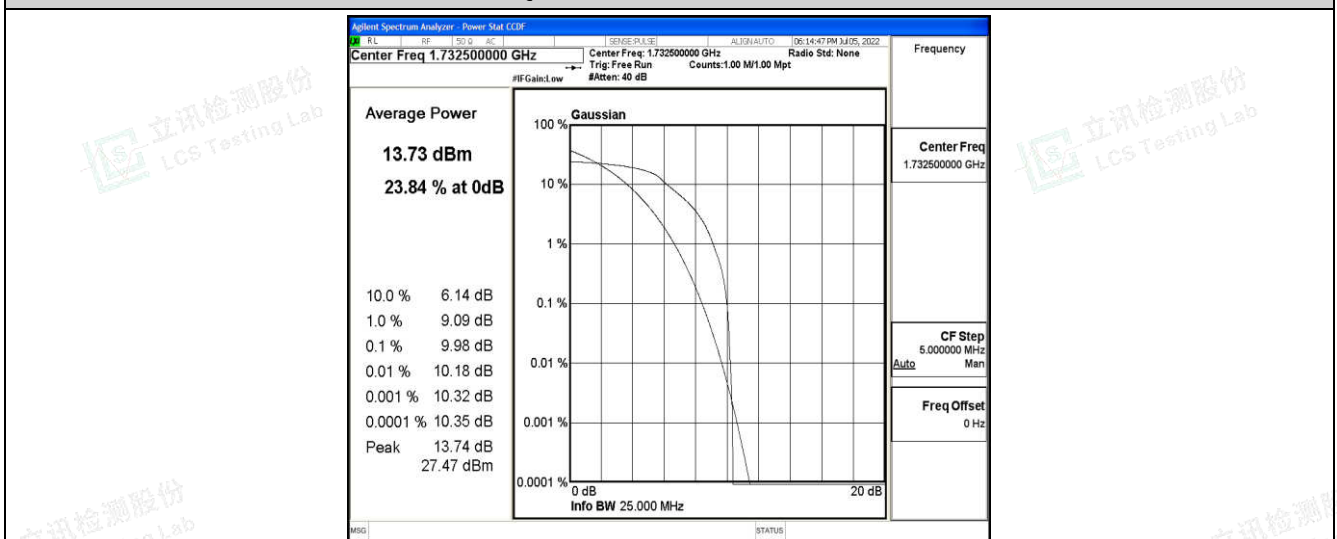
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Band4-5MHz-16QAM-20375-6-0-High-9.85-<=13-PASS

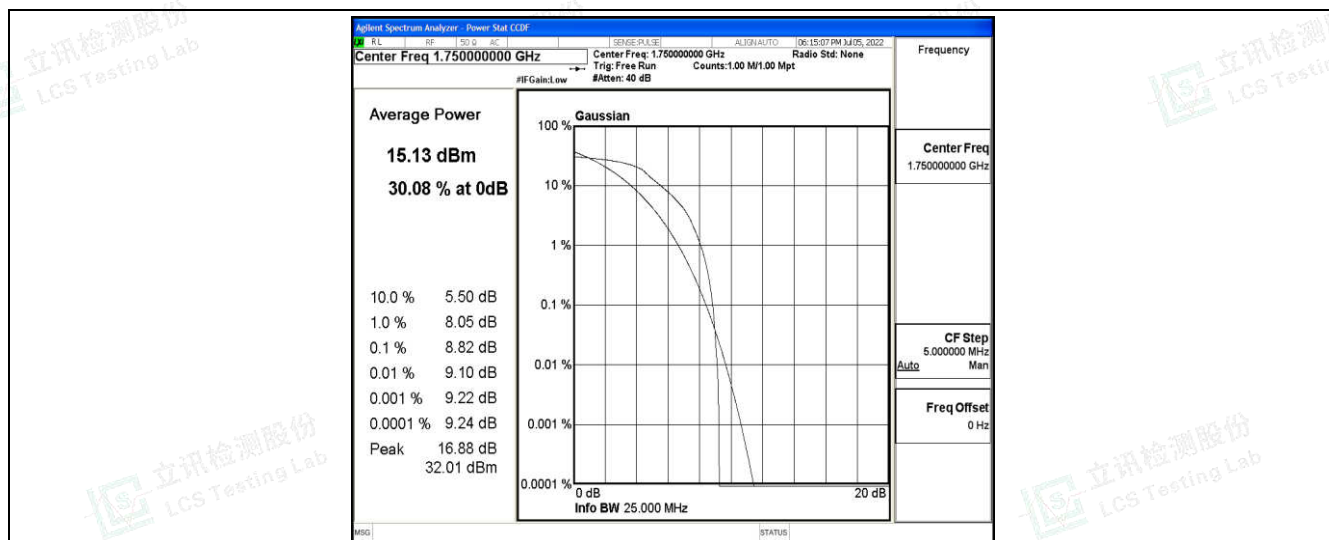


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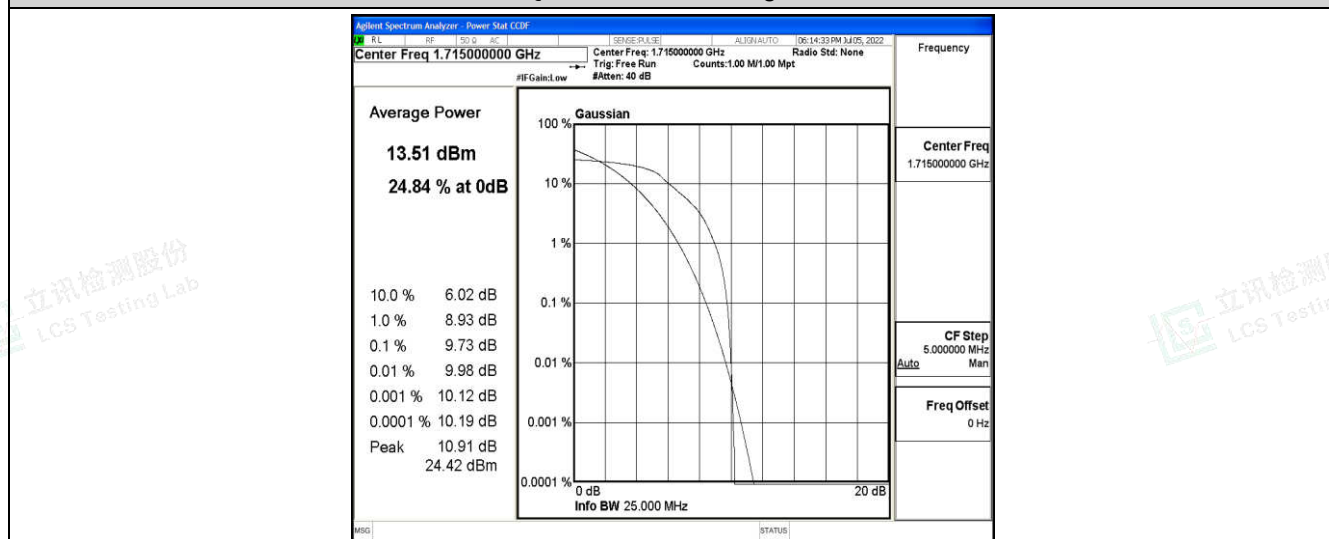


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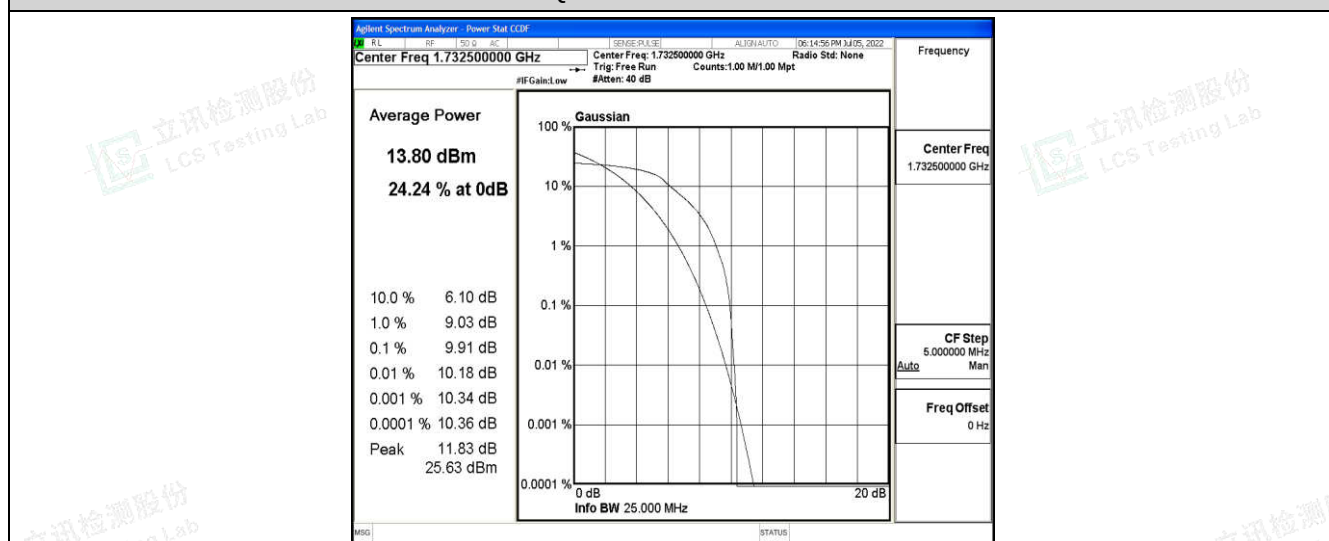




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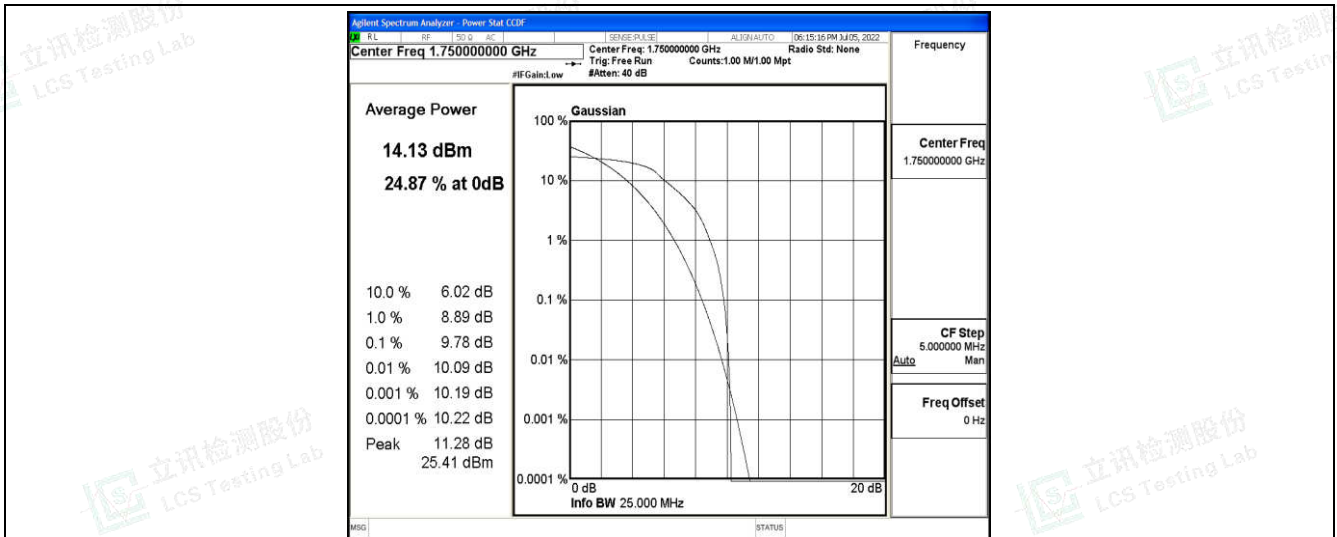
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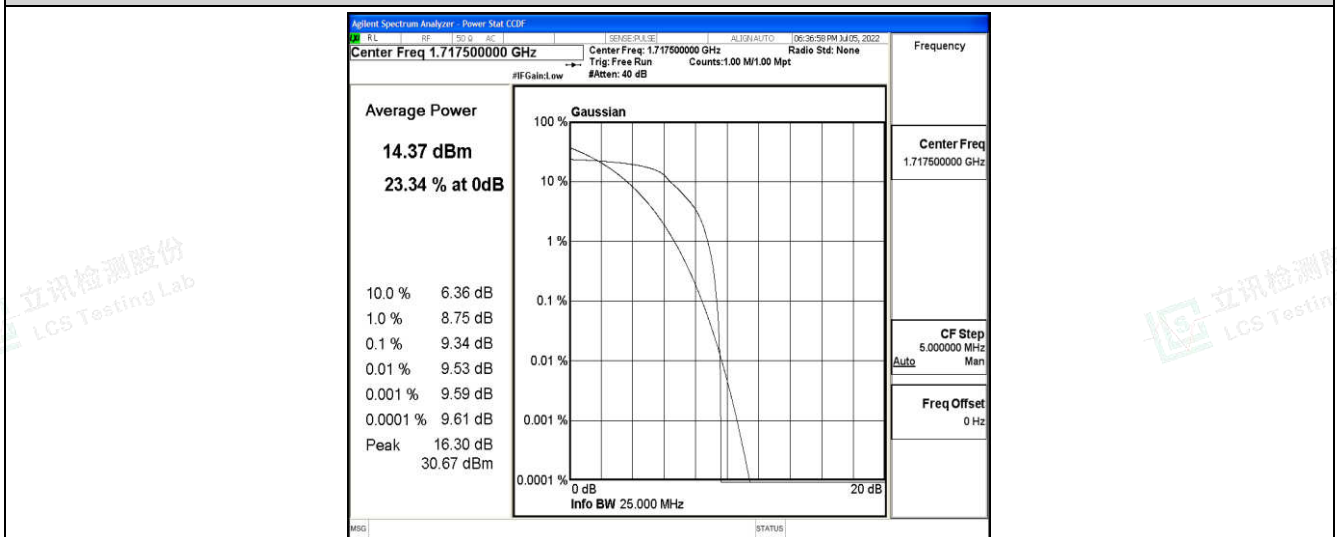
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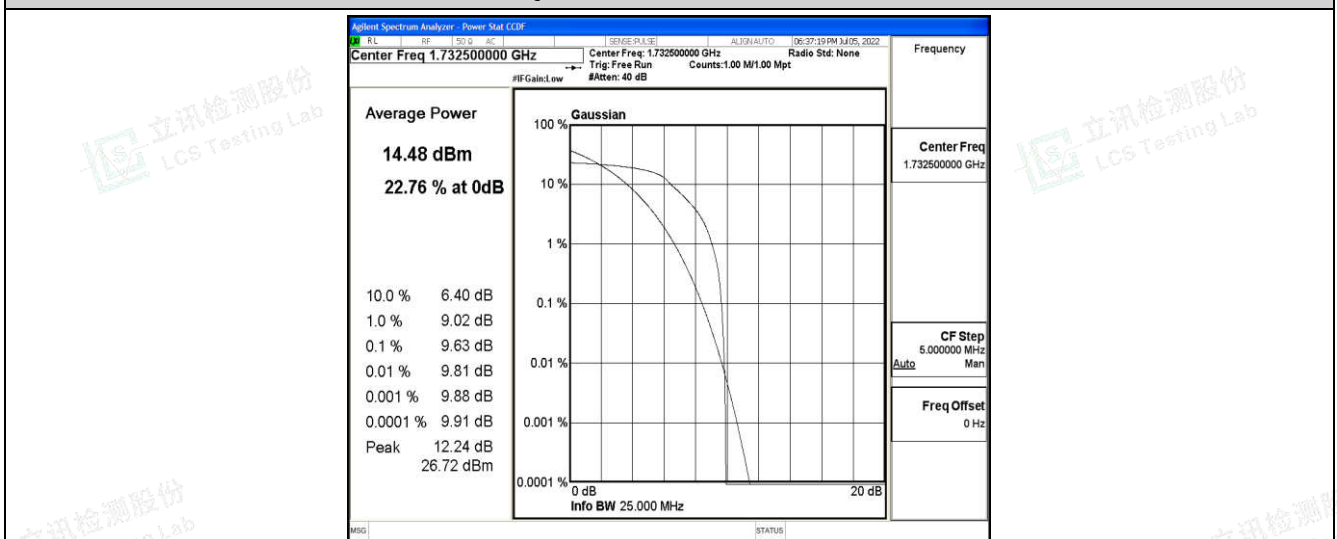
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Band4-10MHz-16QAM-20350-6-0-High-9.78<=13-PASS

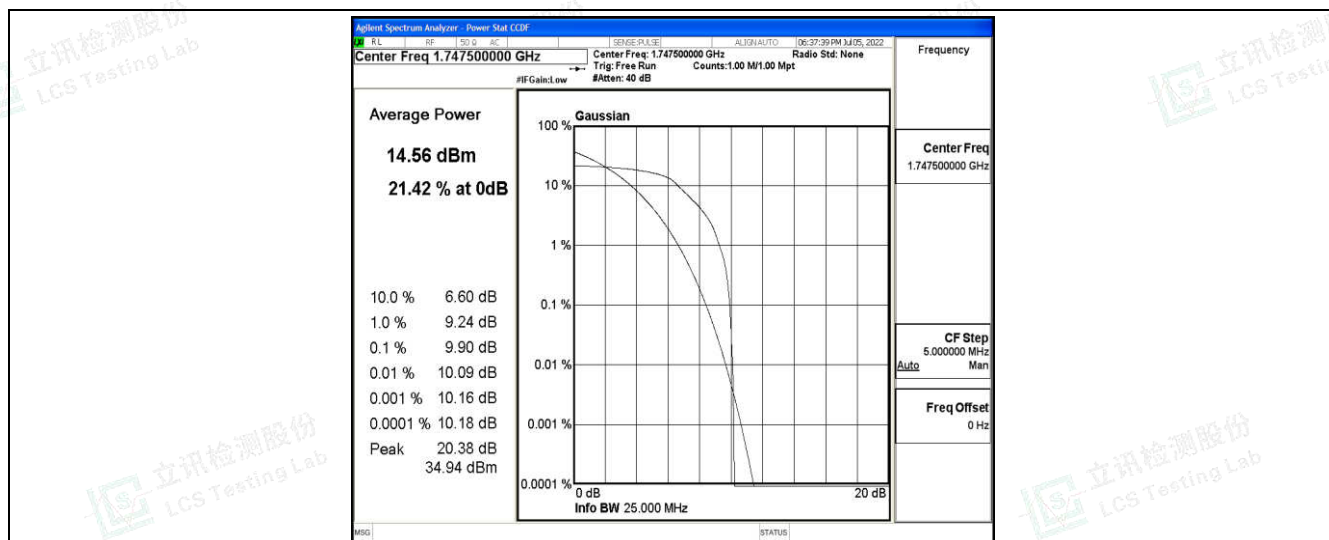


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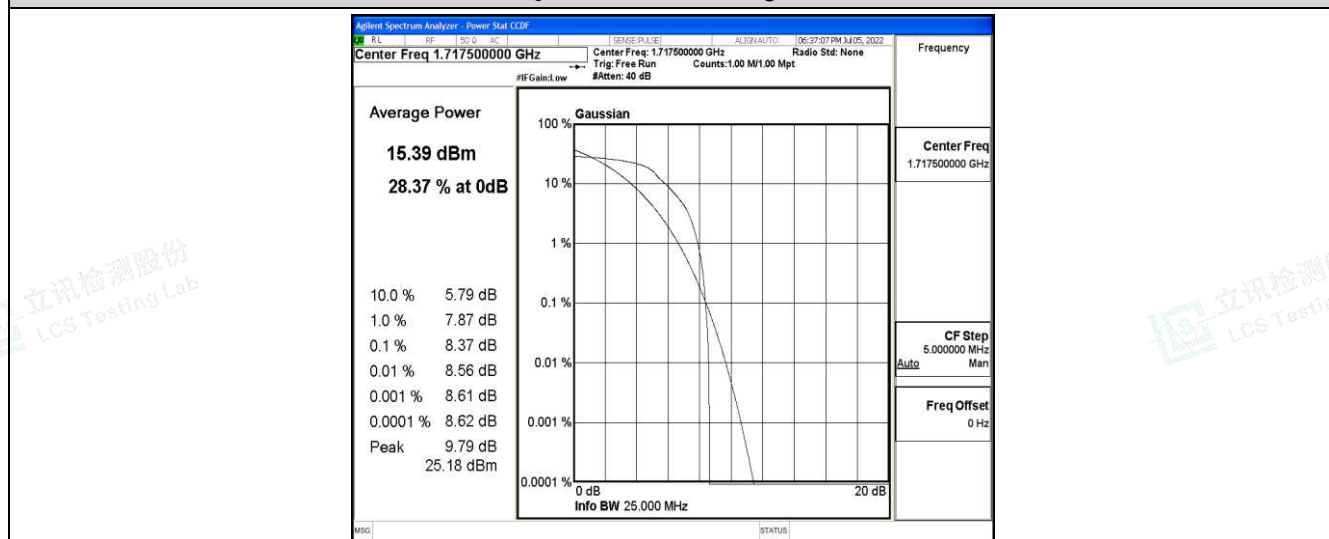


Band4-15MHz-QPSK-20175-6-0-Low-9.63<=13-PASS

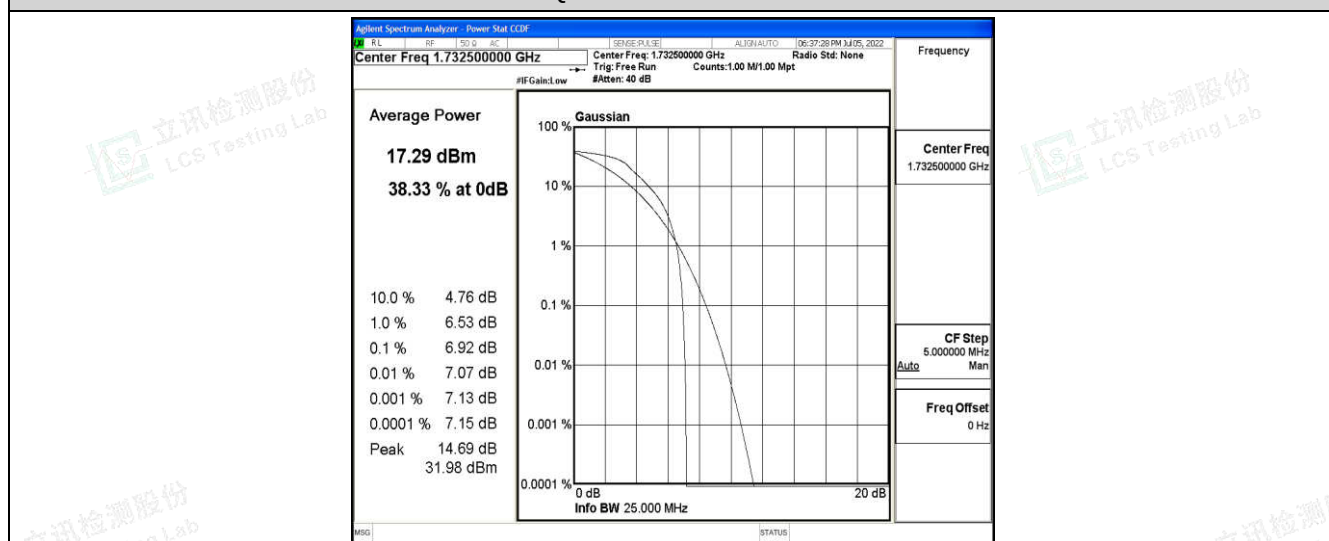




Band4-15MHz-QPSK-20325-6-0-High-9.90-<=13-PASS



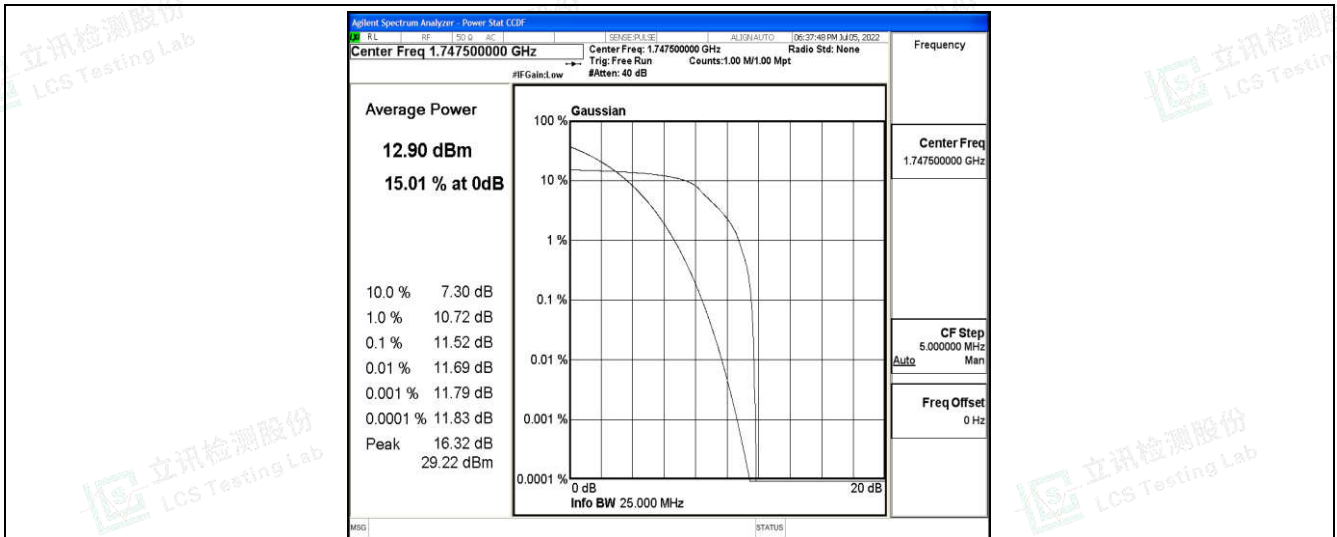
Band4-15MHz-16QAM-20025-6-0-Low-8.37-<=13-PASS



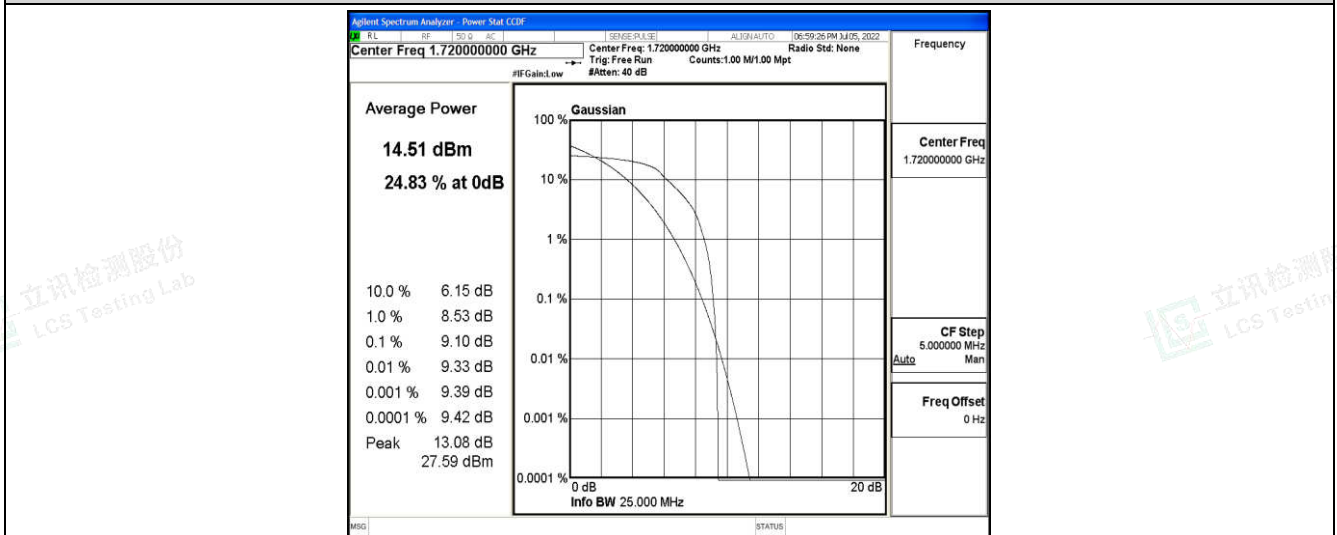
Band4-15MHz-16QAM-20175-6-0-Low-6.92-<=13-PASS



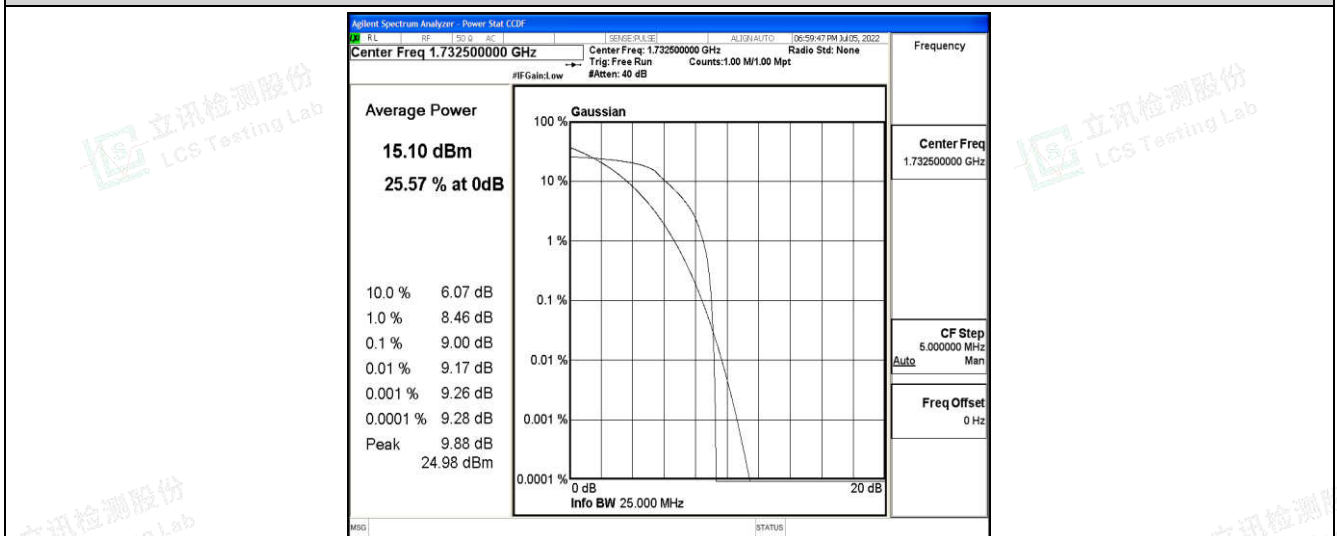
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Band4-15MHz-16QAM-20325-6-0-High-11.52-<=13-PASS

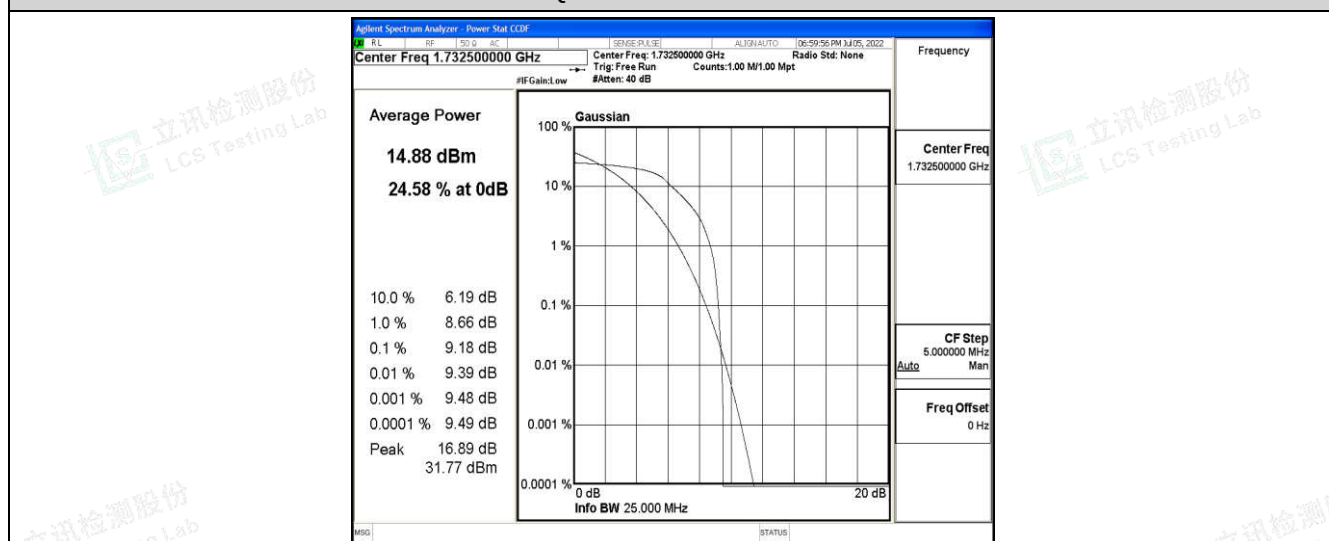
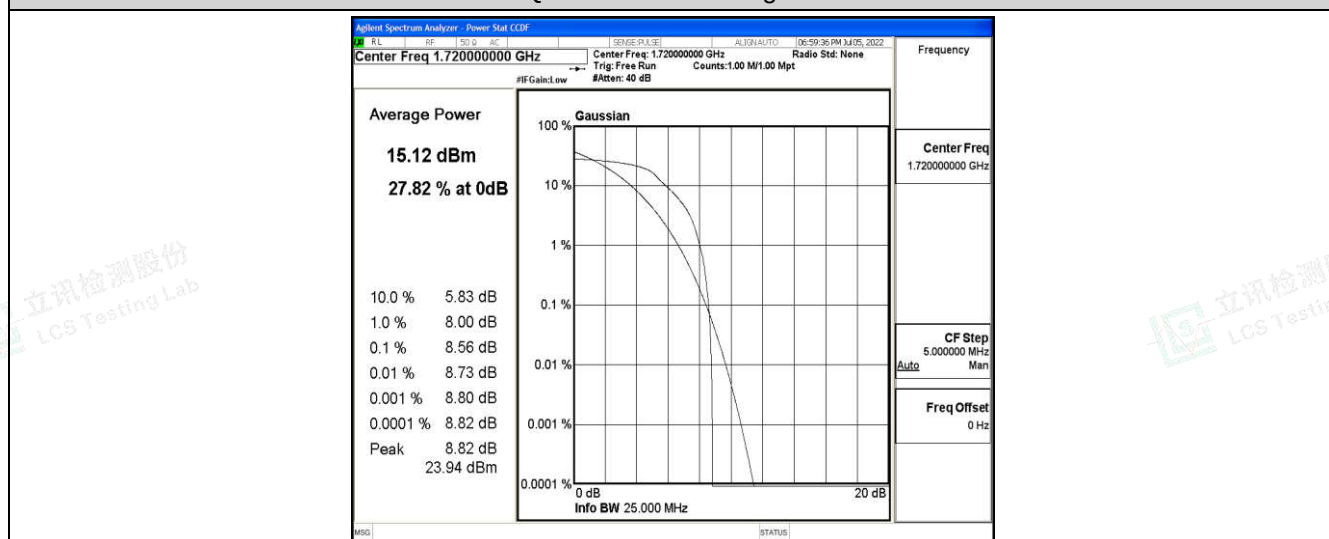
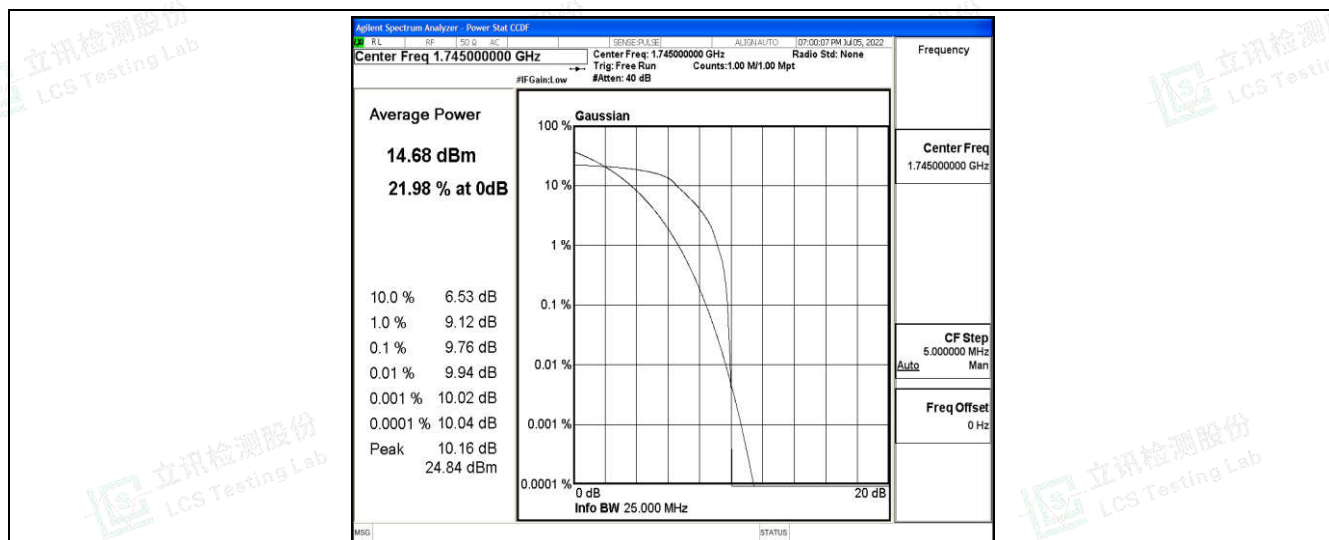


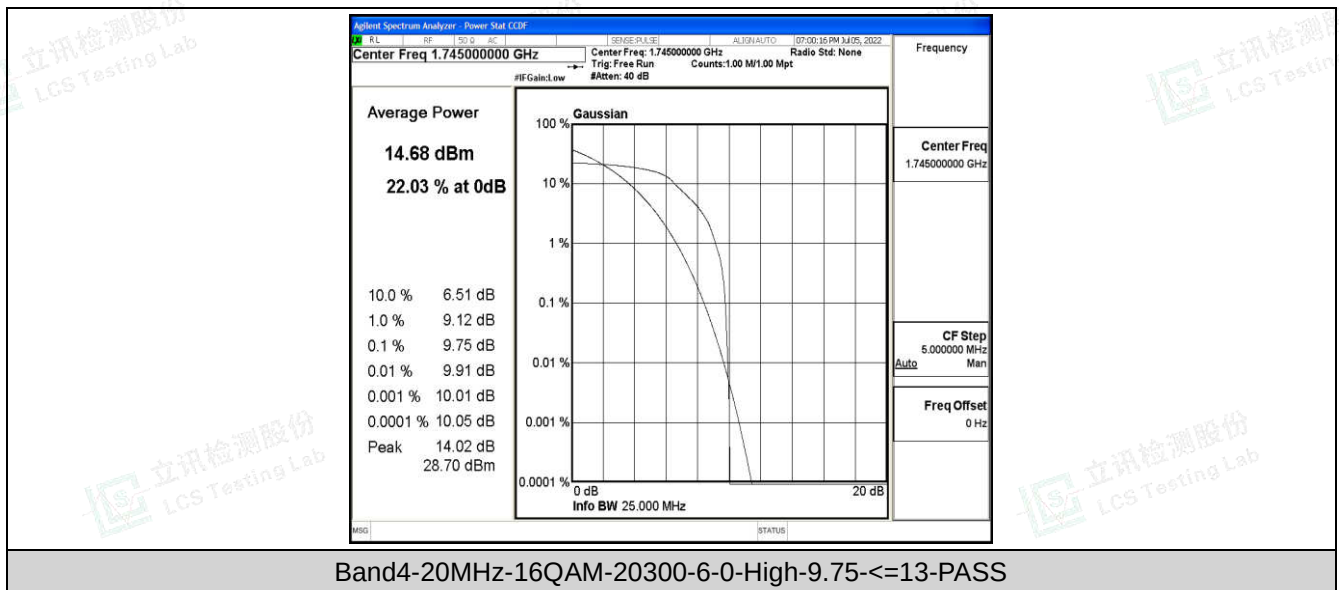
Band4-20MHz-QPSK-20050-6-0-Low-9.10-<=13-PASS



Band4-20MHz-QPSK-20175-6-0-Low-9.00-<=13-PASS









G.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	1.0901	1.281	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	1.0886	1.280	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	1.0935	1.279	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	1.0867	1.270	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	1.0884	1.258	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	1.0982	1.275	PASS
Band4	3MHz	19965	QPSK	6	0	Low	1.1121	1.333	PASS
Band4	3MHz	20175	QPSK	6	0	Low	1.1099	1.325	PASS
Band4	3MHz	20385	QPSK	6	0	High	1.1180	1.414	PASS
Band4	3MHz	19965	16QAM	6	0	Low	1.1206	1.349	PASS
Band4	3MHz	20175	16QAM	6	0	Low	1.1204	1.323	PASS
Band4	3MHz	20385	16QAM	6	0	High	1.1177	1.415	PASS
Band4	5MHz	19975	QPSK	6	0	Low	1.1763	1.635	PASS
Band4	5MHz	20175	QPSK	6	0	Low	1.1775	1.554	PASS
Band4	5MHz	20375	QPSK	6	0	High	1.1980	1.473	PASS
Band4	5MHz	19975	16QAM	6	0	Low	1.1816	1.655	PASS
Band4	5MHz	20175	16QAM	6	0	Low	1.1669	1.594	PASS
Band4	5MHz	20375	16QAM	6	0	High	1.1868	1.487	PASS
Band4	10MHz	20000	QPSK	6	0	Low	1.3746	2.982	PASS
Band4	10MHz	20175	QPSK	6	0	Low	1.3570	2.185	PASS
Band4	10MHz	20350	QPSK	6	0	High	1.3518	2.949	PASS
Band4	10MHz	20000	16QAM	6	0	Low	1.3532	2.943	PASS
Band4	10MHz	20175	16QAM	6	0	Low	1.3468	2.247	PASS
Band4	10MHz	20350	16QAM	6	0	High	1.3523	2.587	PASS
Band4	15MHz	20025	QPSK	6	0	Low	1.6615	3.872	PASS
Band4	15MHz	20175	QPSK	6	0	Low	1.6166	3.162	PASS
Band4	15MHz	20325	QPSK	6	0	High	1.5314	2.921	PASS
Band4	15MHz	20025	16QAM	6	0	Low	1.7571	3.864	PASS
Band4	15MHz	20175	16QAM	6	0	Low	1.5730	2.663	PASS
Band4	15MHz	20325	16QAM	6	0	High	1.5450	3.114	PASS
Band4	20MHz	20050	QPSK	6	0	Low	2.4012	5.093	PASS



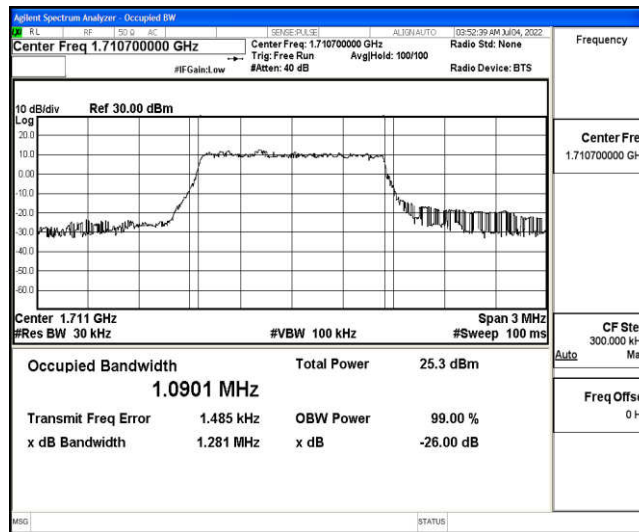


Band4	20MHz	20175	QPSK	6	0	Low	2.2085	4.297	PASS
Band4	20MHz	20300	QPSK	6	0	High	2.0134	4.260	PASS
Band4	20MHz	20050	16QAM	6	0	Low	2.5825	4.907	PASS
Band4	20MHz	20175	16QAM	6	0	Low	1.9931	4.338	PASS
Band4	20MHz	20300	16QAM	6	0	High	2.0694	4.173	PASS

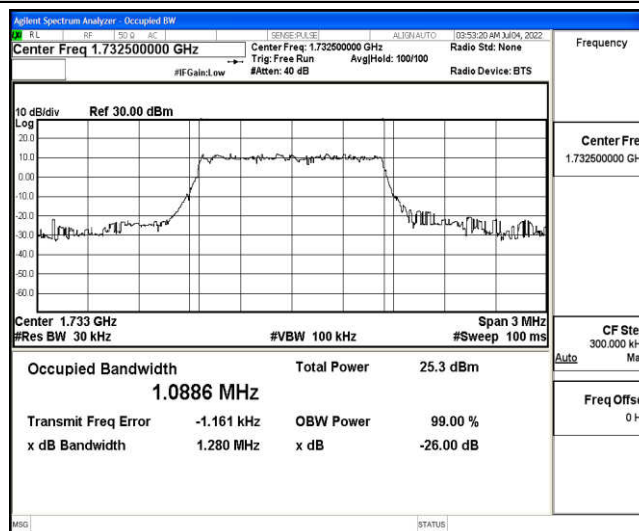




Test Graphs

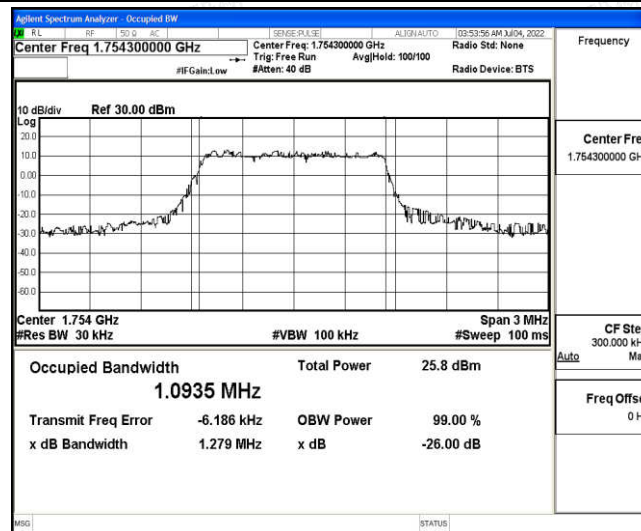


Band4-1.4MHz-QPSK-19957-6-0-Low-1.0901-1.281-PASS

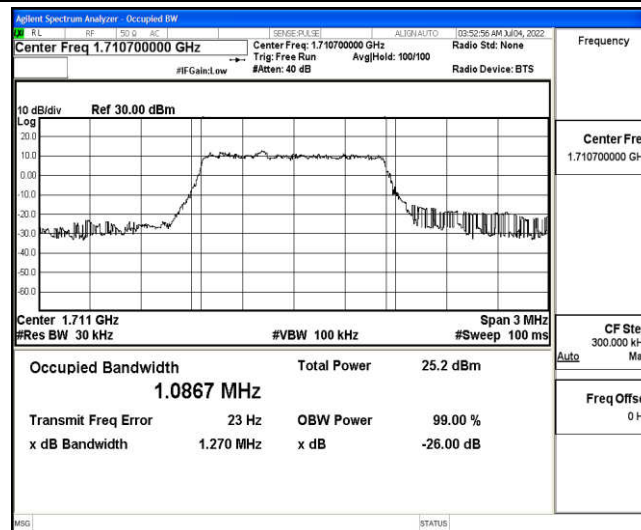


Band4-1.4MHz-QPSK-20175-6-0-Low-1.0886-1.280-PASS

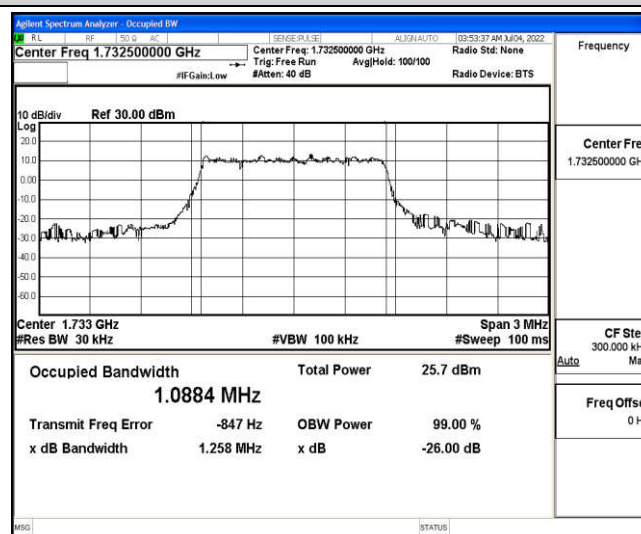




Band4-1.4MHz-QPSK-20393-6-0-High-1.0935-1.279-PASS

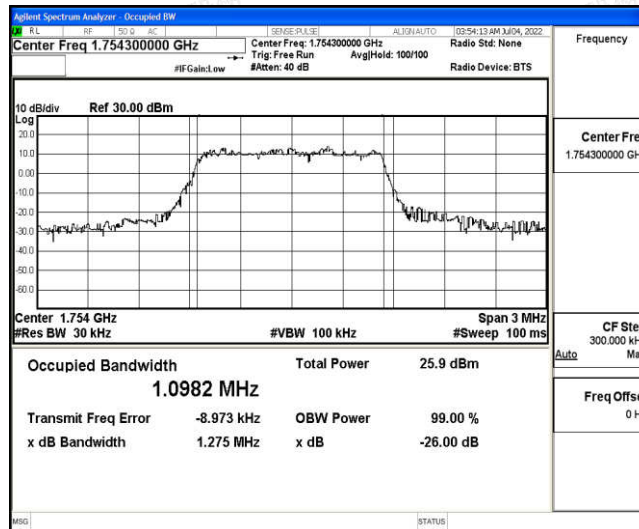


Band4-1.4MHz-16QAM-19957-6-0-Low-1.0867-1.270-PASS

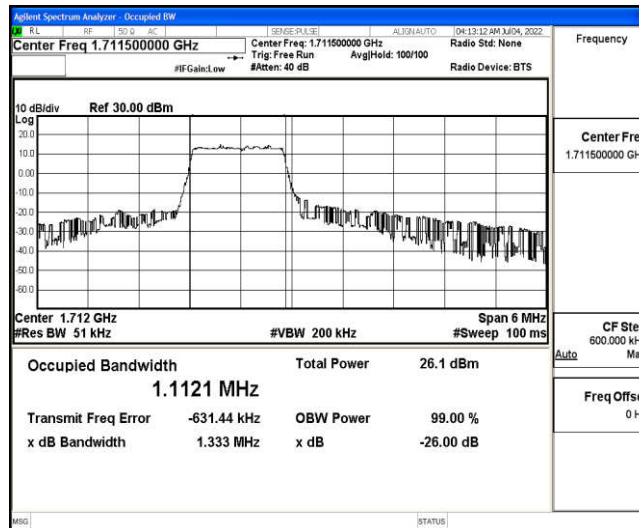


Band4-1.4MHz-16QAM-20175-6-0-Low-1.0884-1.258-PASS

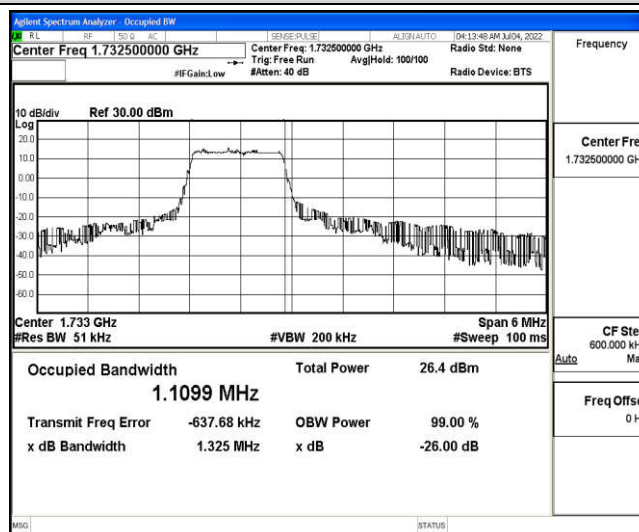




Band4-1.4MHz-16QAM-20393-6-0-High-1.0982-1.275-PASS

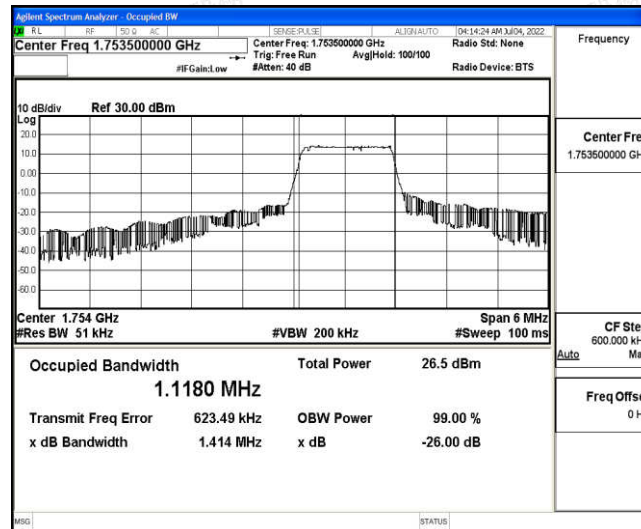


Band4-3MHz-QPSK-19965-6-0-Low-1.1121-1.333-PASS

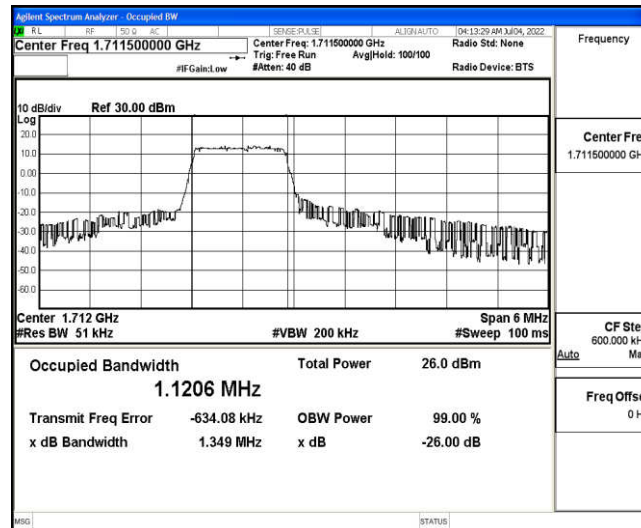


Band4-3MHz-QPSK-20175-6-0-Low-1.1099-1.325-PASS

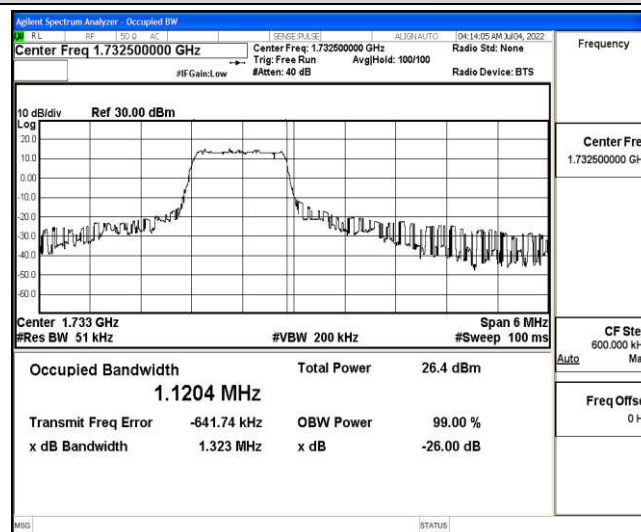




Band4-3MHz-QPSK-20385-6-0-High-1.1180-1.414-PASS

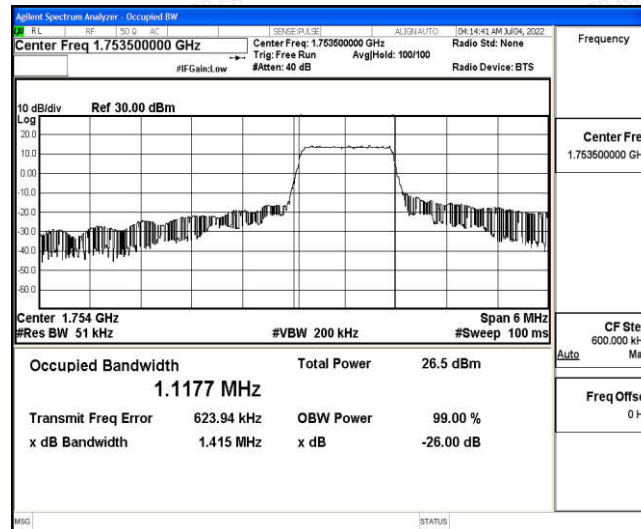


Band4-3MHz-16QAM-19965-6-0-Low-1.1206-1.349-PASS

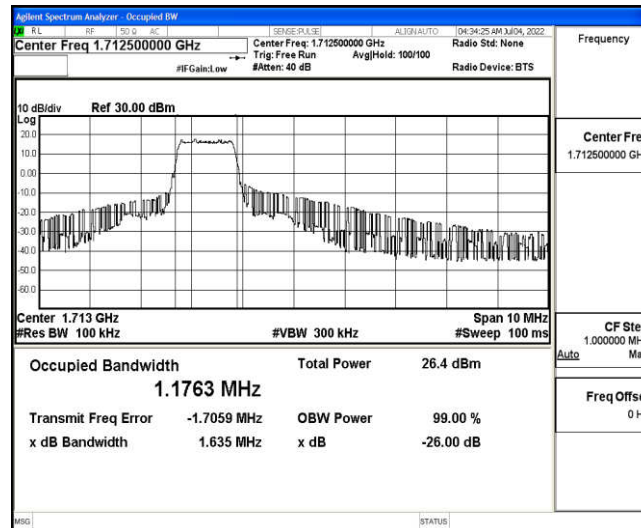


Band4-3MHz-16QAM-20175-6-0-Low-1.1204-1.323-PASS

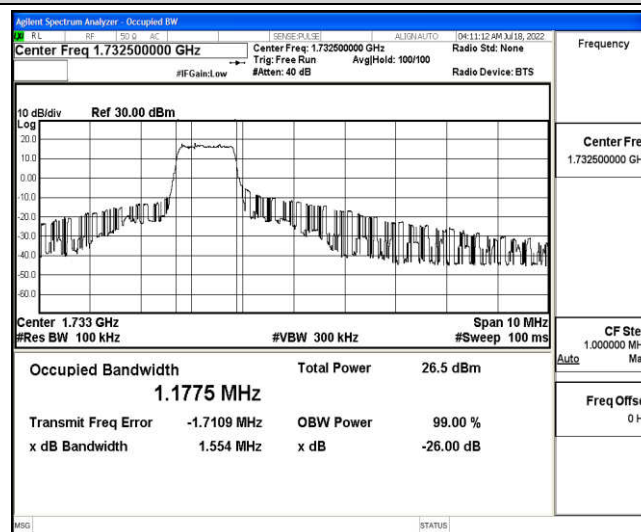




Band4-3MHz-16QAM-20385-6-0-High-1.1177-1.415-PASS

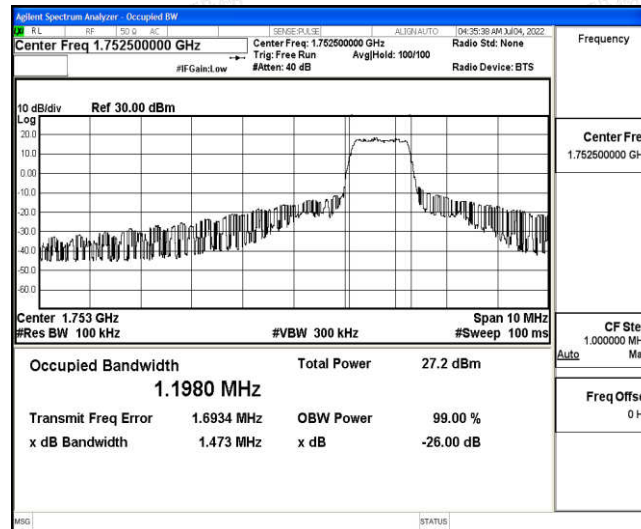


Band4-5MHz-QPSK-19975-6-0-Low-1.1763-1.635-PASS

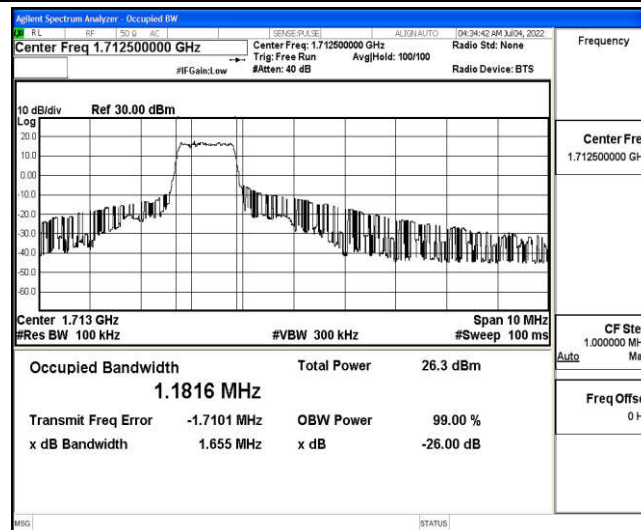


Band4-5MHz-QPSK-20175-6-0-Low-1.1775-1.554-PASS

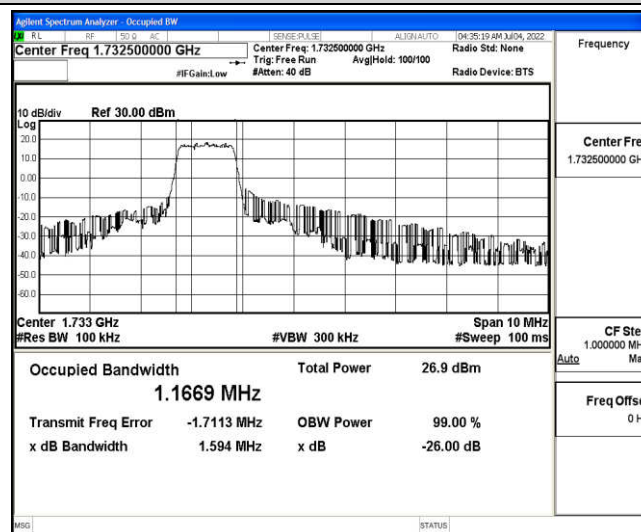




Band4-5MHz-QPSK-20375-6-0-High-1.1980-1.473-PASS



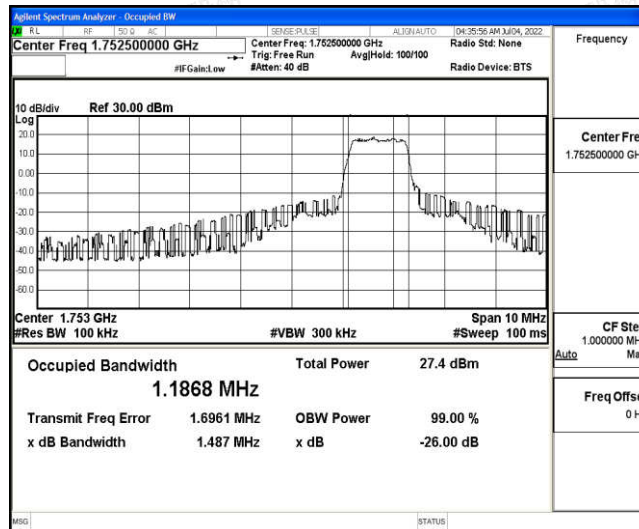
Band4-5MHz-16QAM-19975-6-0-Low-1.1816-1.655-PASS



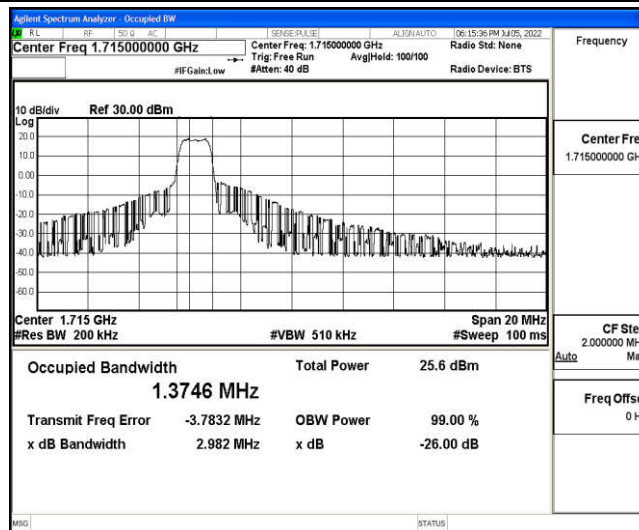
Band4-5MHz-16QAM-20175-6-0-Low-1.1669-1.594-PASS



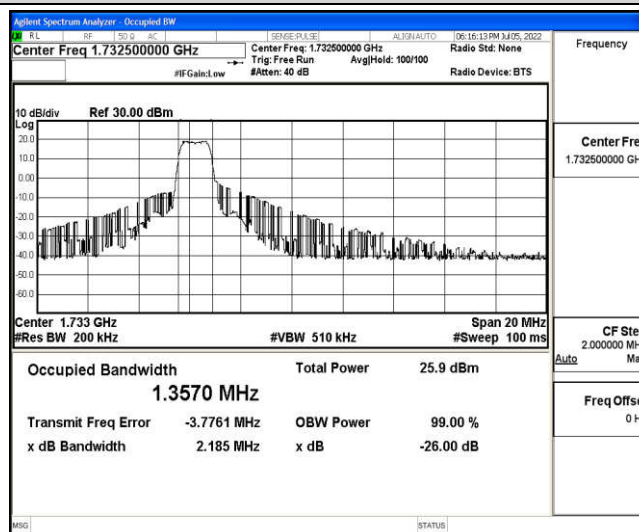
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Band4-5MHz-16QAM-20375-6-0-High-1.1868-1.487-PASS

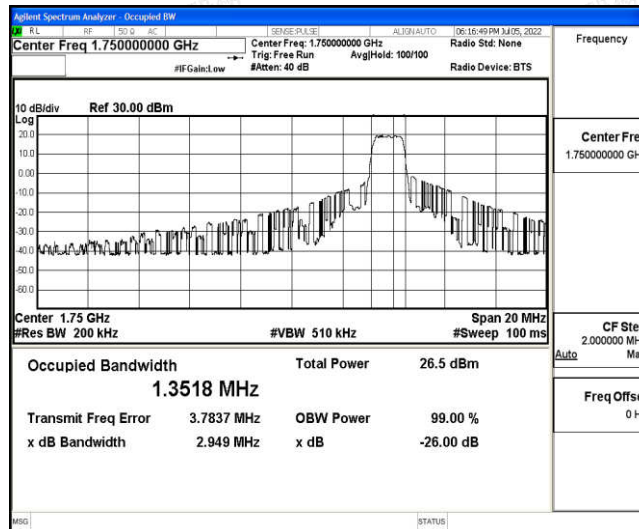


Band4-10MHz-QPSK-20000-6-0-Low-1.3746-2.982-PASS

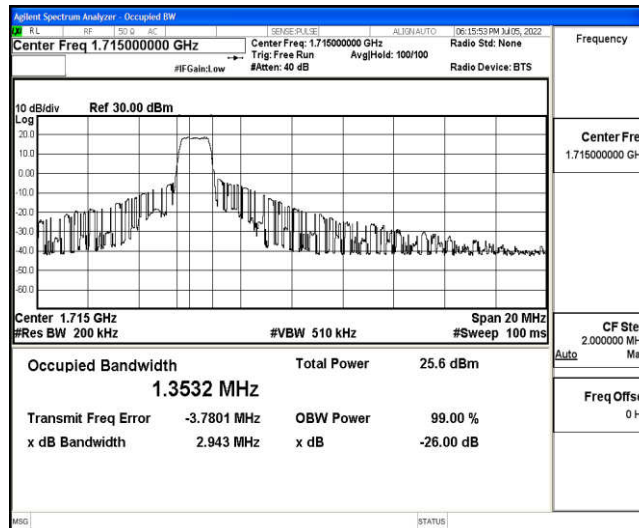


Band4-10MHz-QPSK-20175-6-0-Low-1.3570-2.185-PASS

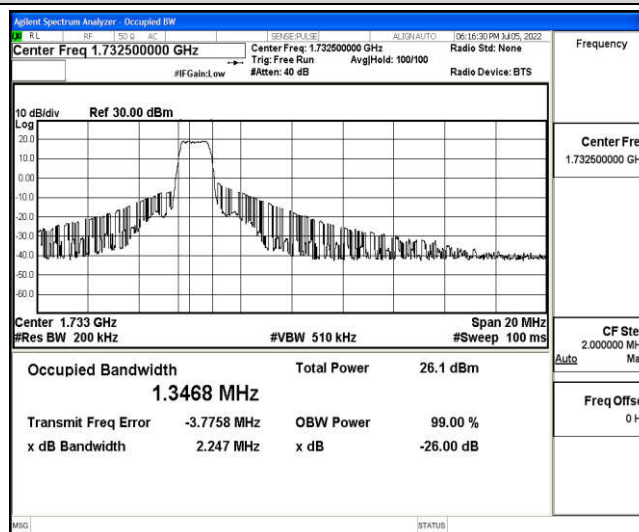




Band4-10MHz-QPSK-20350-6-0-High-1.3518-2.949-PASS

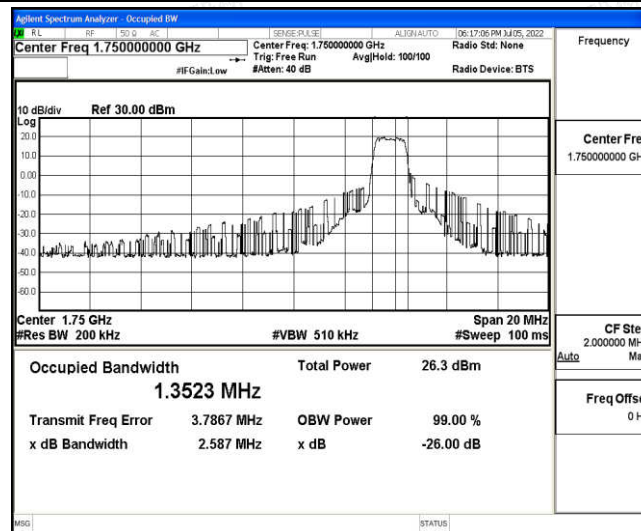


Band4-10MHz-16QAM-20000-6-0-Low-1.3532-2.943-PASS

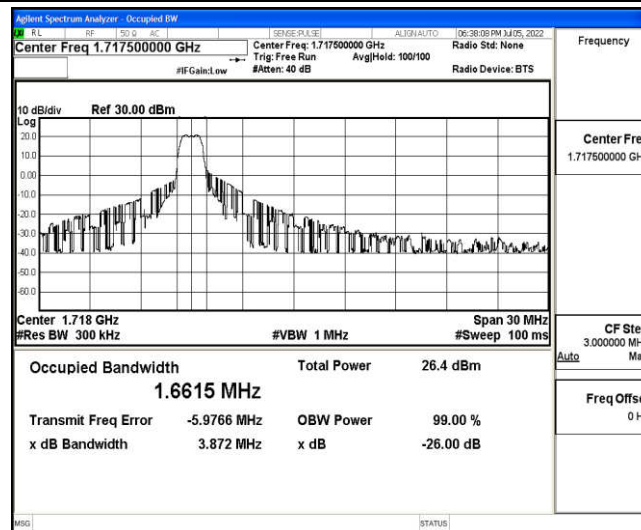


Band4-10MHz-16QAM-20175-6-0-Low-1.3468-2.247-PASS

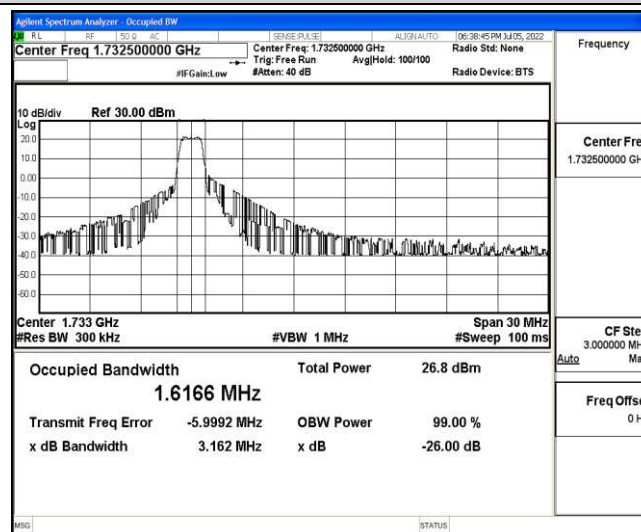




Band4-10MHz-16QAM-20350-6-0-High-1.3523-2.587-PASS

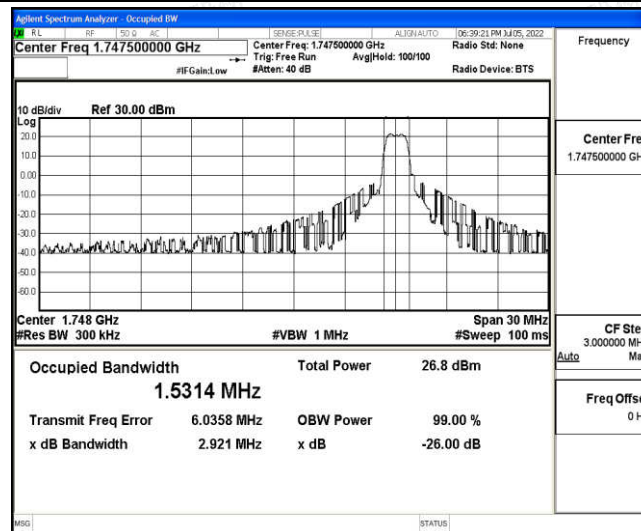


Band4-15MHz-QPSK-20025-6-0-Low-1.6615-3.872-PASS

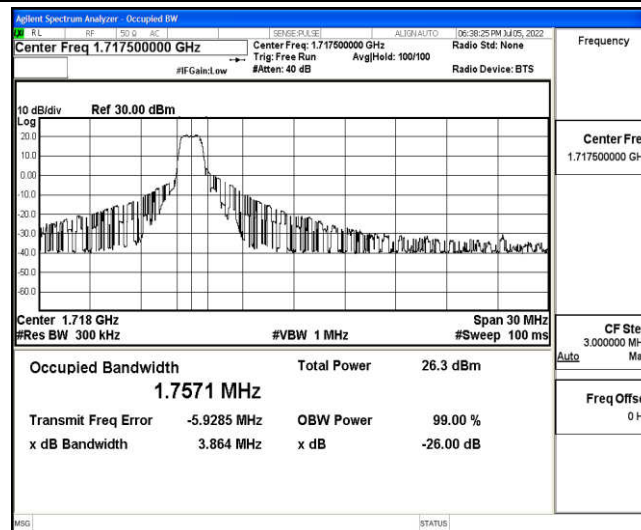


Band4-15MHz-QPSK-20175-6-0-Low-1.6166-3.162-PASS

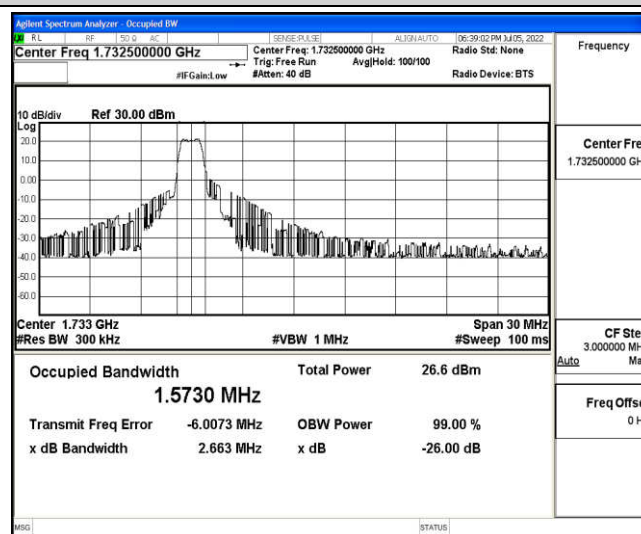




Band4-15MHz-QPSK-20325-6-0-High-1.5314-2.921-PASS

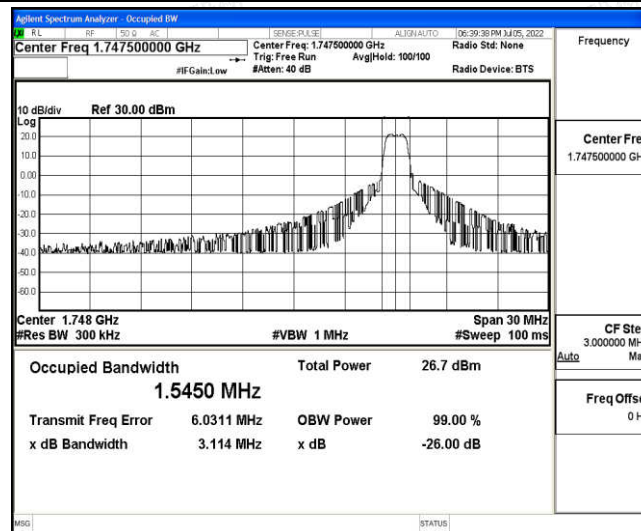


Band4-15MHz-16QAM-20025-6-0-Low-1.7571-3.864-PASS

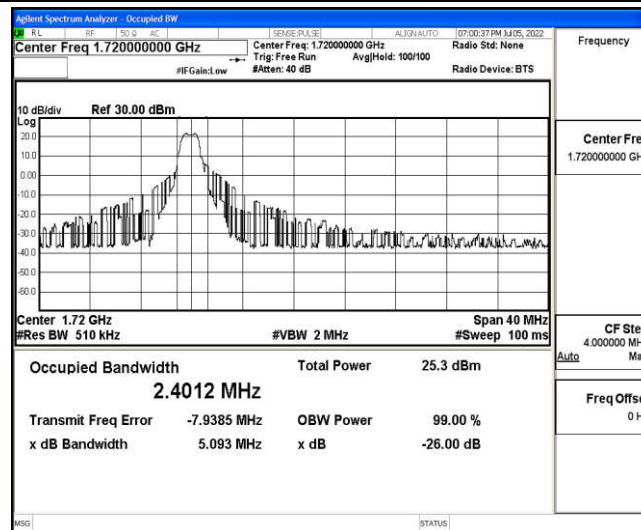


Band4-15MHz-16QAM-20175-6-0-Low-1.5730-2.663-PASS

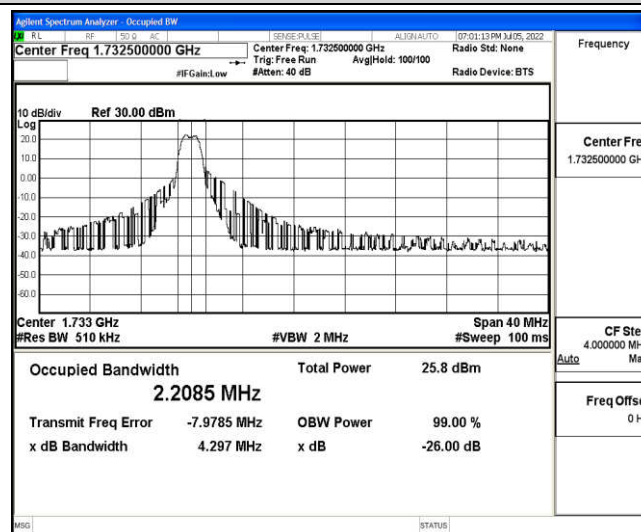




Band4-15MHz-16QAM-20325-6-0-High-1.5450-3.114-PASS



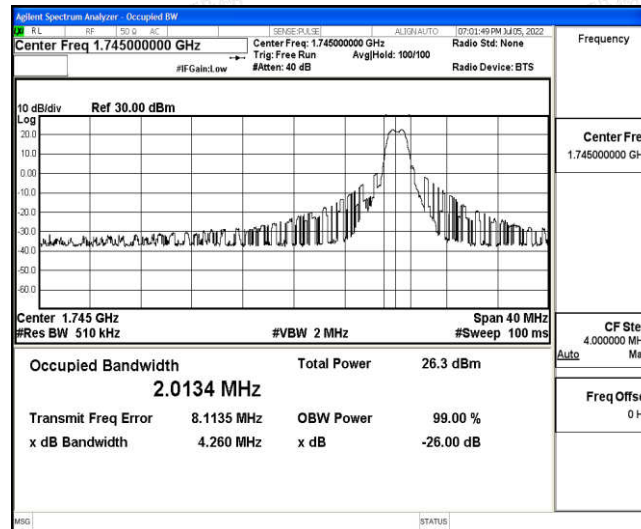
Band4-20MHz-QPSK-20050-6-0-Low-2.4012-5.093-PASS



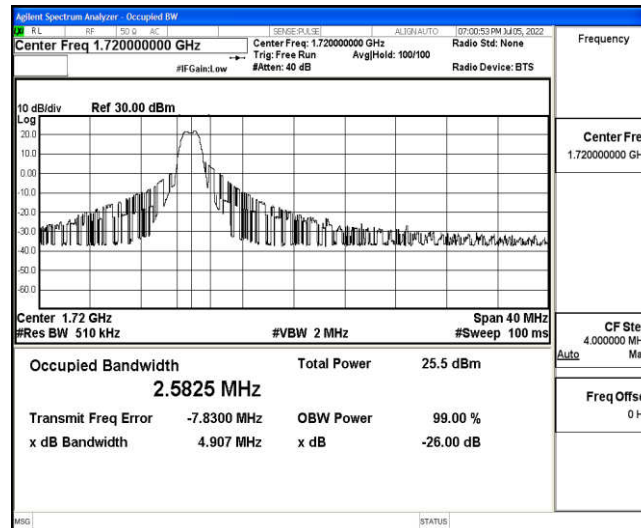
Band4-20MHz-QPSK-20175-6-0-Low-2.2085-4.297-PASS



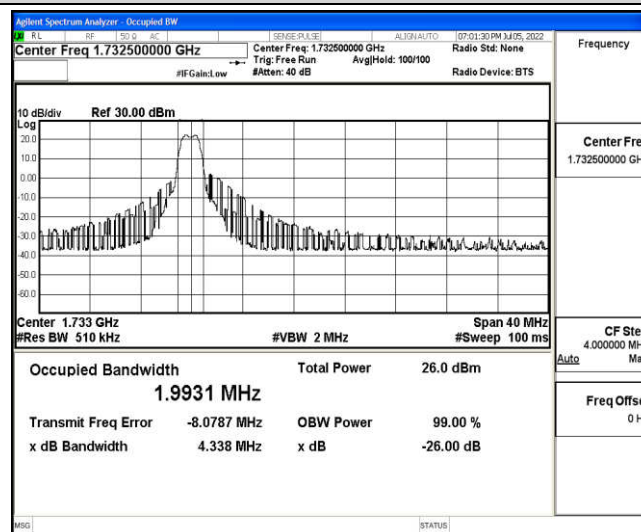
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Band4-20MHz-QPSK-20300-6-0-High-2.0134-4.260-PASS

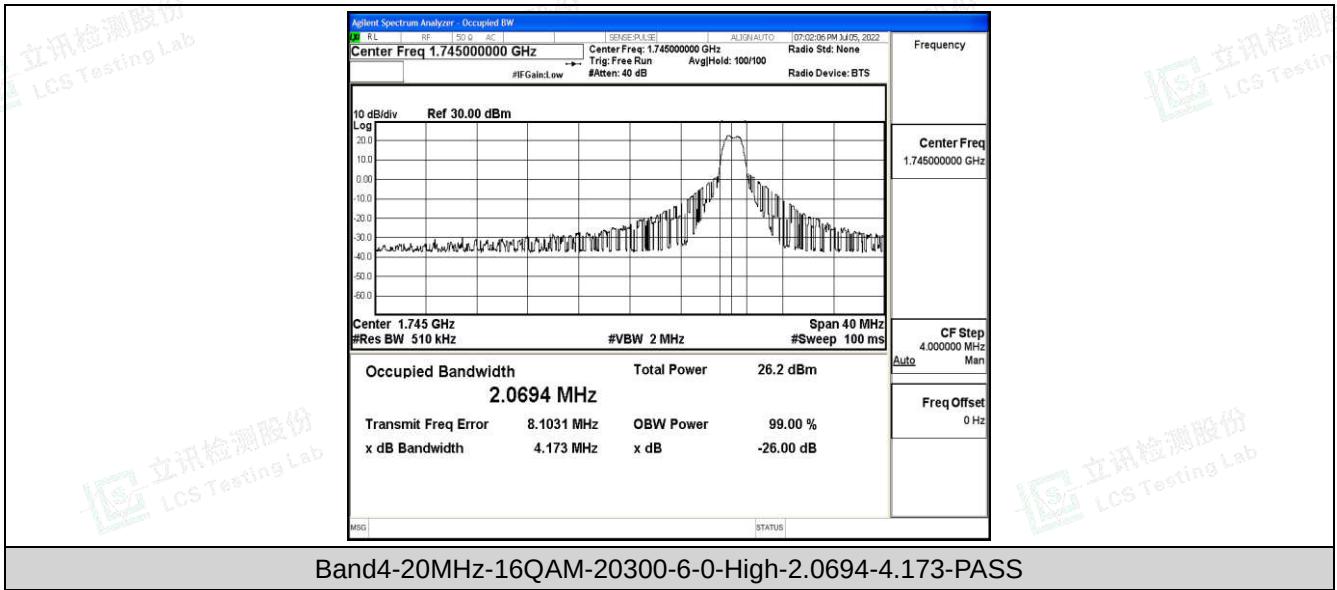


Band4-20MHz-16QAM-20050-6-0-Low-2.5825-4.907-PASS



Band4-20MHz-16QAM-20175-6-0-Low-1.9931-4.338-PASS







G.4 Band Edge for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band4	1.4MHz	19957	QPSK	6	0	Low	-34.23	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	-33.99	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	-33.70	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	-34.40	PASS
Band4	3MHz	19965	QPSK	6	0	Low	-35.60	PASS
Band4	3MHz	20385	QPSK	6	0	High	-34.38	PASS
Band4	3MHz	19965	16QAM	6	0	Low	-36.28	PASS
Band4	3MHz	20385	16QAM	6	0	High	-33.53	PASS
Band4	5MHz	19975	QPSK	6	0	Low	-33.57	PASS
Band4	5MHz	20375	QPSK	6	0	High	-31.35	PASS
Band4	5MHz	19975	16QAM	6	0	Low	-32.30	PASS
Band4	5MHz	20375	16QAM	6	0	High	-31.53	PASS
Band4	10MHz	20000	QPSK	6	0	Low	-31.38	PASS
Band4	10MHz	20350	QPSK	6	0	High	-30.47	PASS
Band4	10MHz	20000	16QAM	6	0	Low	-33.31	PASS
Band4	10MHz	20350	16QAM	6	0	High	-29.39	PASS
Band4	15MHz	20025	QPSK	6	0	Low	-28.73	PASS
Band4	15MHz	20325	QPSK	6	0	High	-26.16	PASS
Band4	15MHz	20025	16QAM	6	0	Low	-26.40	PASS
Band4	15MHz	20325	16QAM	6	0	High	-26.21	PASS
Band4	20MHz	20050	QPSK	6	0	Low	-32.85	PASS
Band4	20MHz	20300	QPSK	6	0	High	-31.07	PASS
Band4	20MHz	20050	16QAM	6	0	Low	-32.52	PASS
Band4	20MHz	20300	16QAM	6	0	High	-32.35	PASS

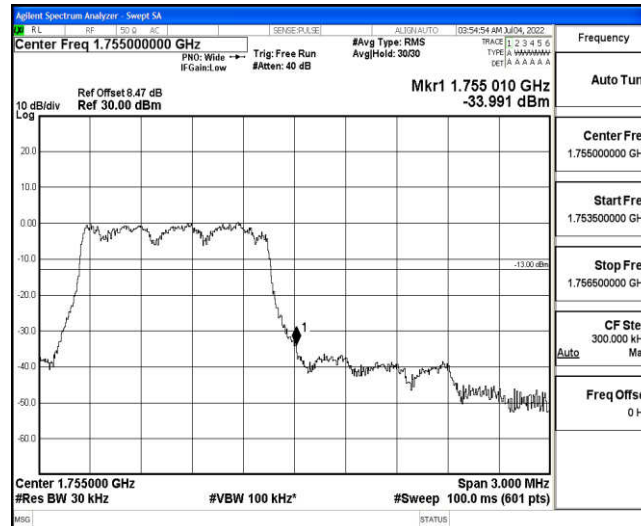




Test Graphs

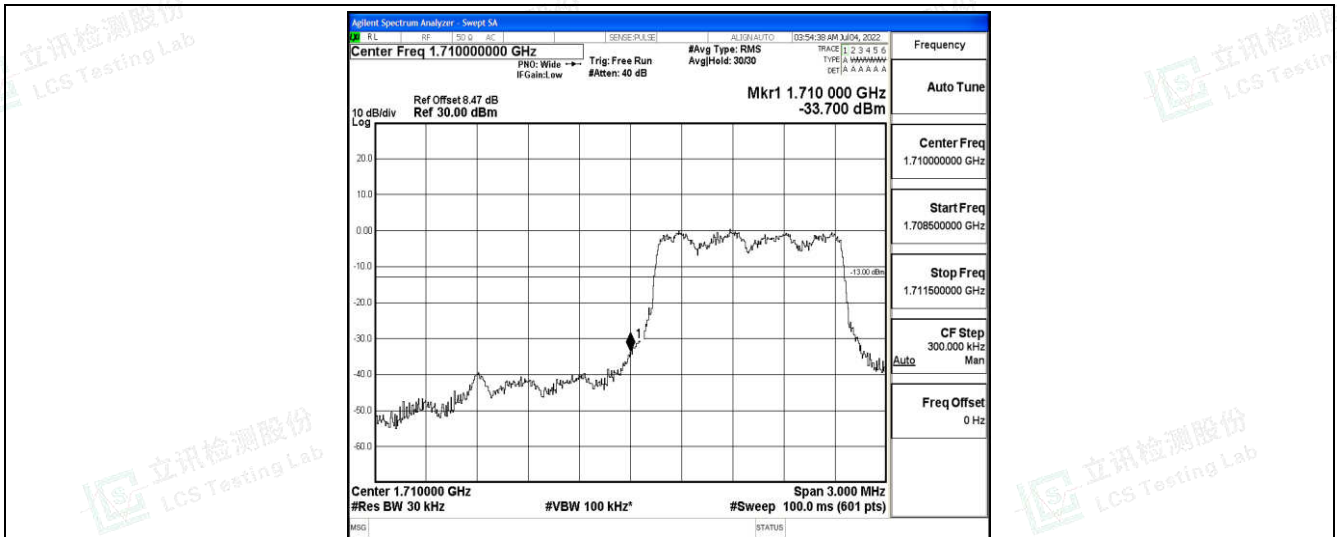


Band4-1.4MHz-QPSK-19957-6-0-Low--34.23-PASS



Band4-1.4MHz-QPSK-20393-6-0-High--33.99-PASS

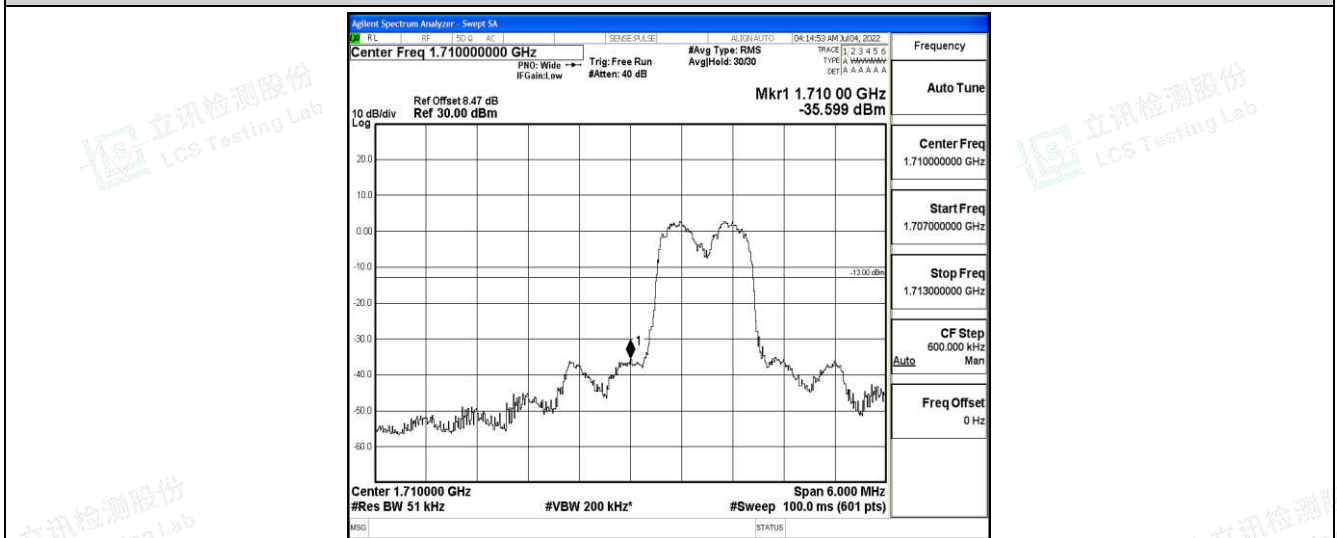




Band4-1.4MHz-16QAM-19957-6-0-Low--33.70-PASS



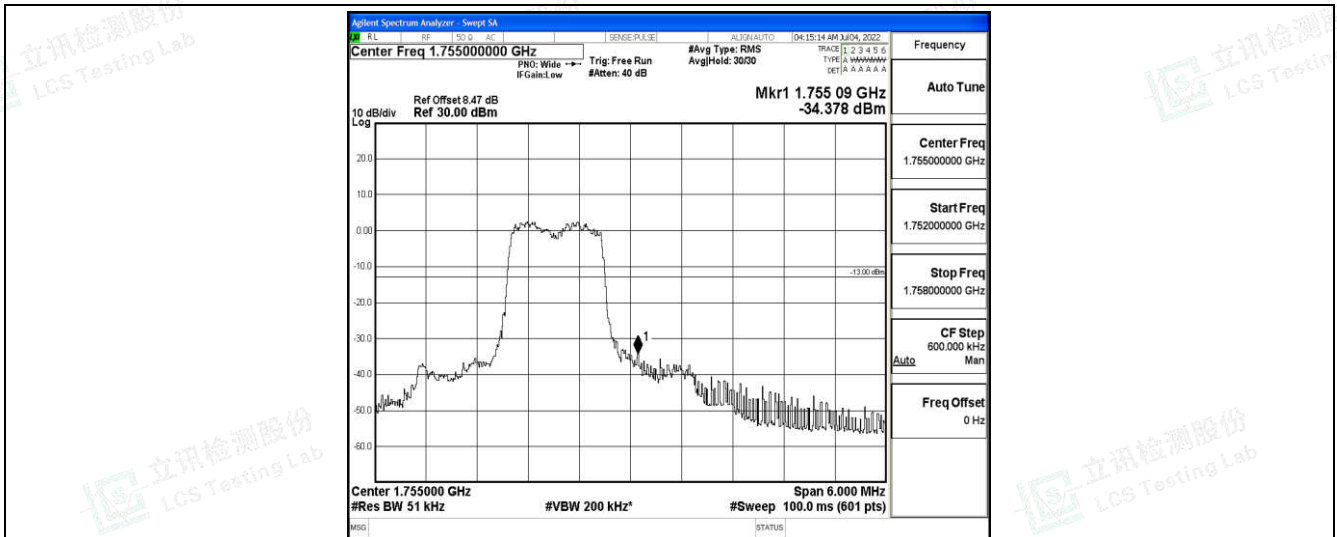
Band4-1.4MHz-16QAM-20393-6-0-High--34.40-PASS



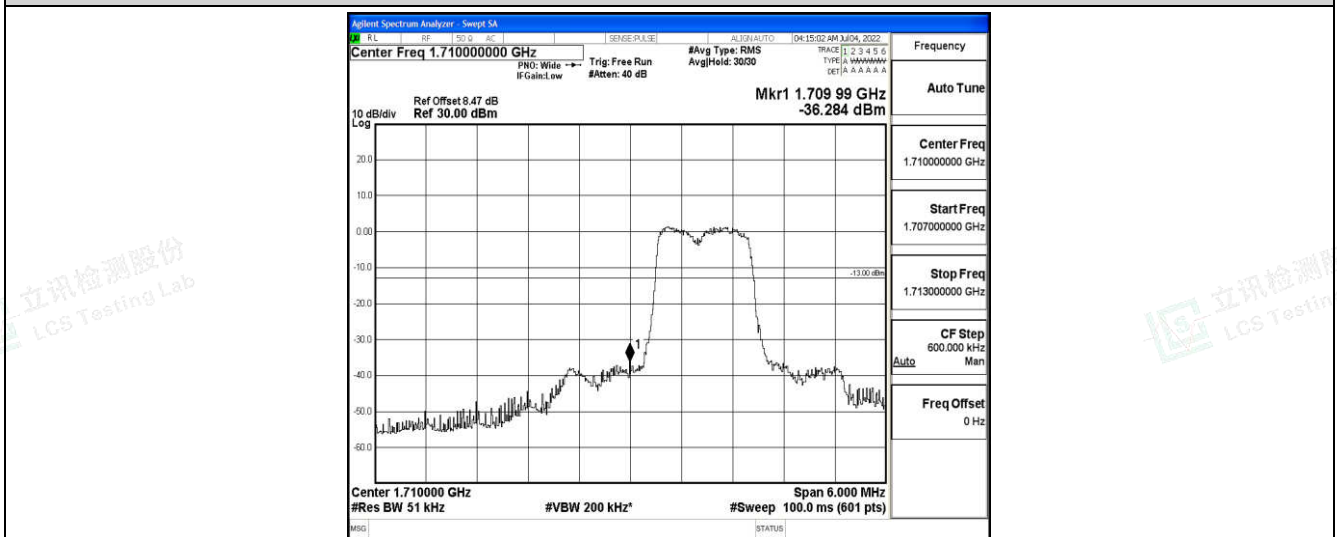
Band4-3MHz-QPSK-19965-6-0-Low--35.60-PASS



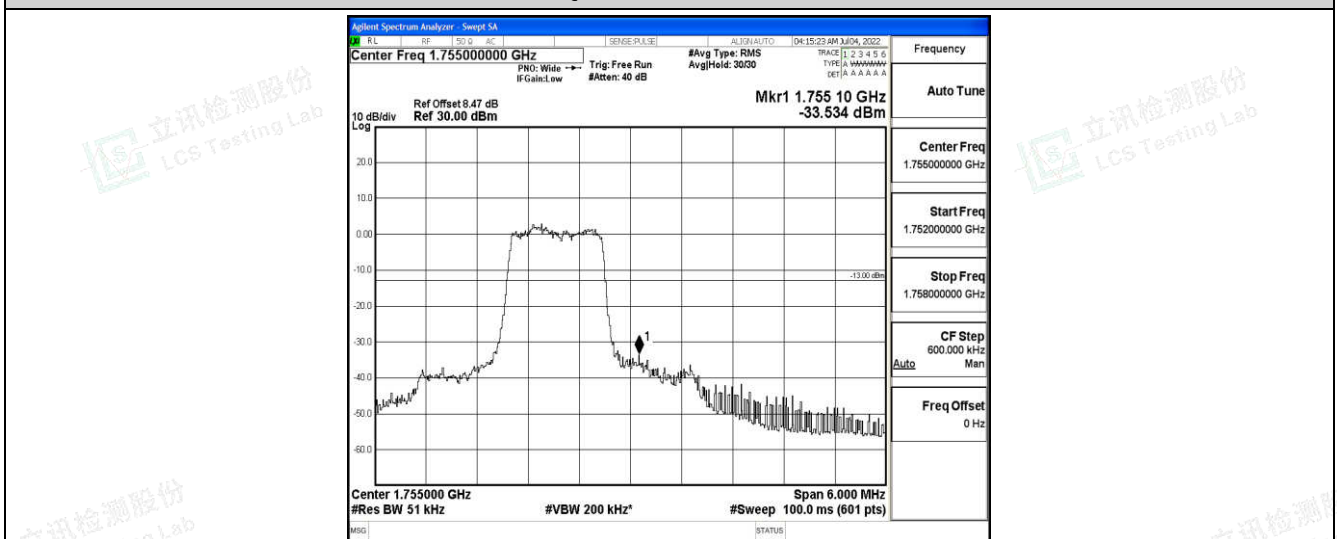
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Band4-3MHz-QPSK-20385-6-0-High--34.38-PASS



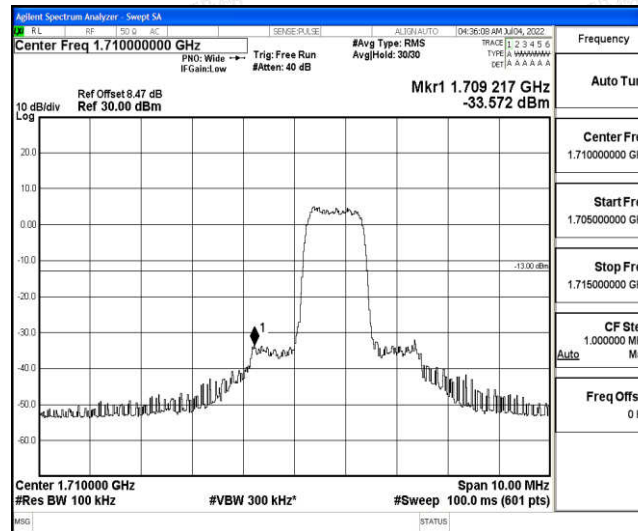
Band4-3MHz-16QAM-19965-6-0-Low--36.28-PASS



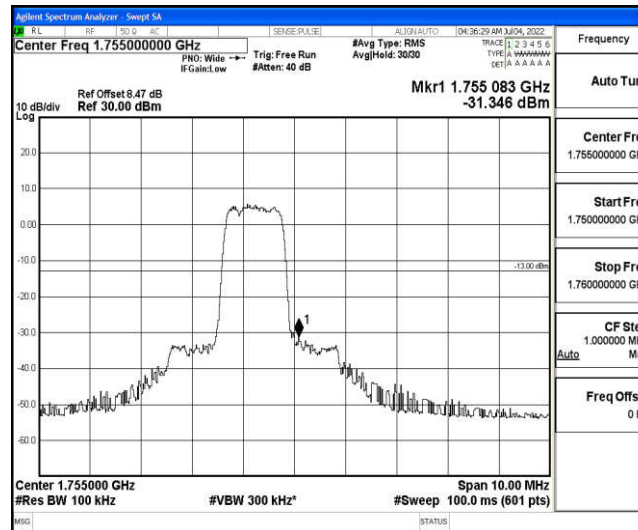
Band4-3MHz-16QAM-20385-6-0-High--33.53-PASS



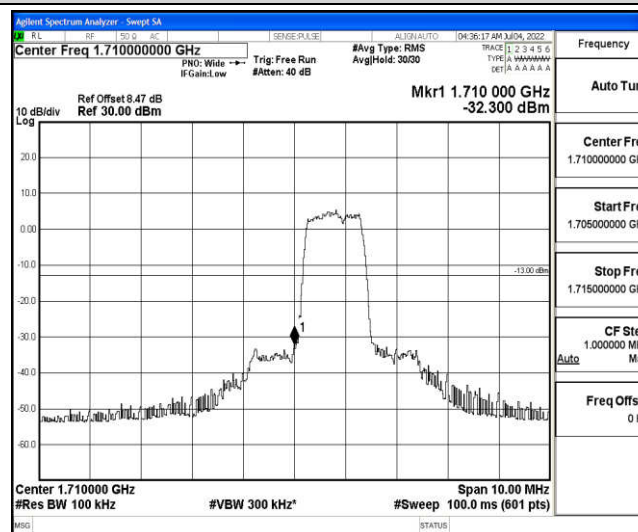
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Band4-5MHz-QPSK-19975-6-0-Low--33.57-PASS



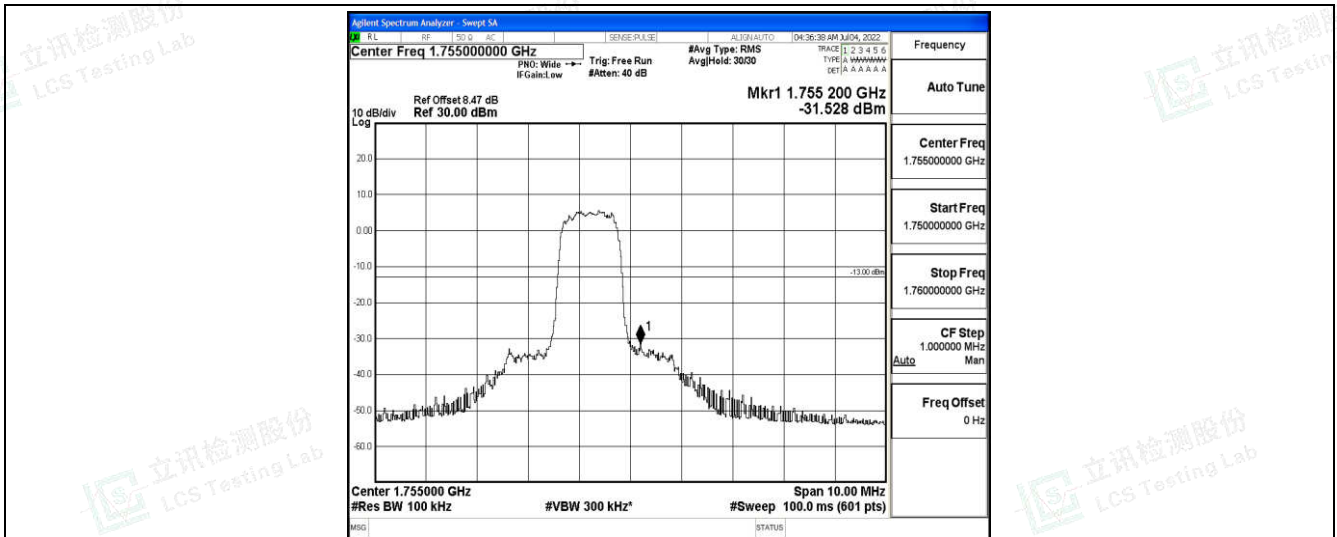
Band4-5MHz-QPSK-20375-6-0-High--31.35-PASS



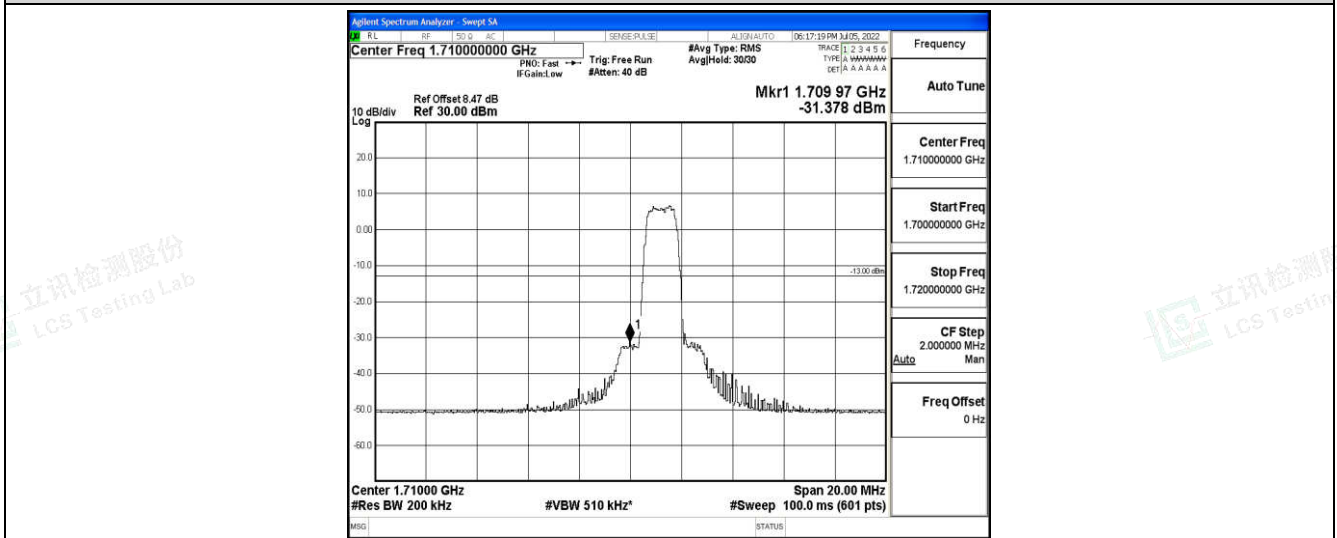
Band4-5MHz-16QAM-19975-6-0-Low--32.30-PASS



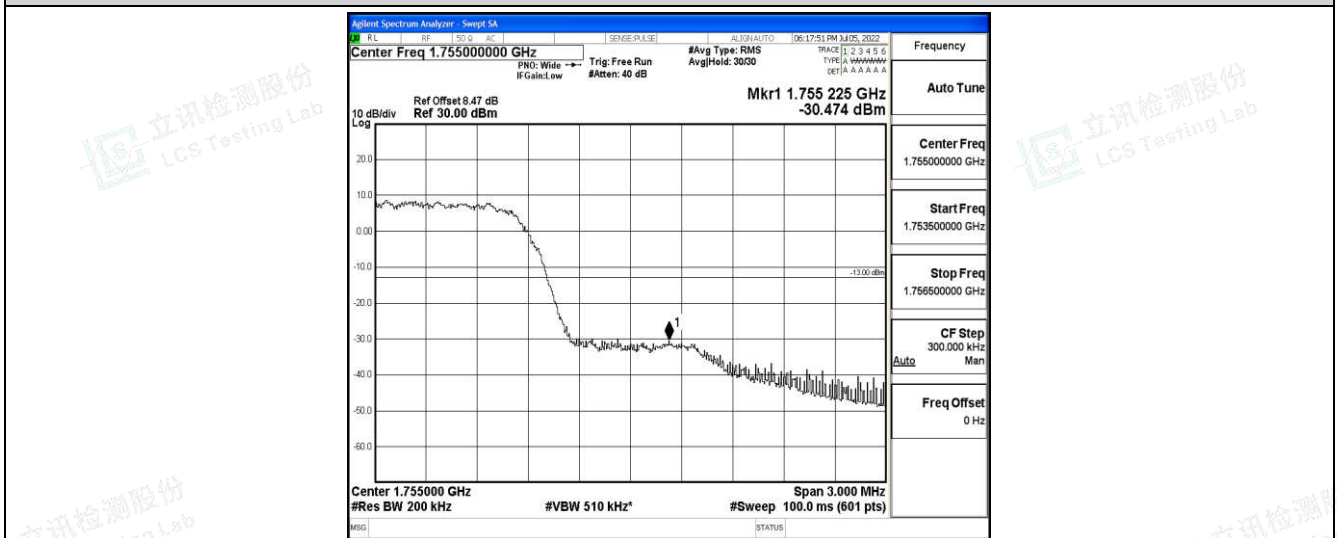
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Band4-5MHz-16QAM-20375-6-0-High--31.53-PASS



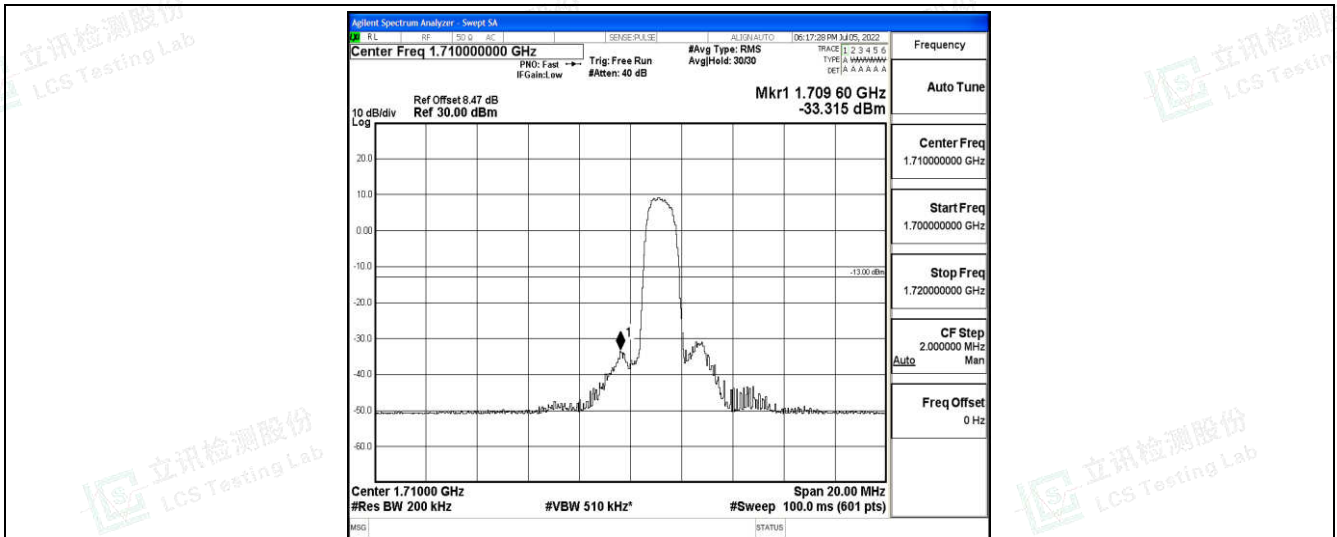
Band4-10MHz-QPSK-20000-6-0-Low--31.38-PASS



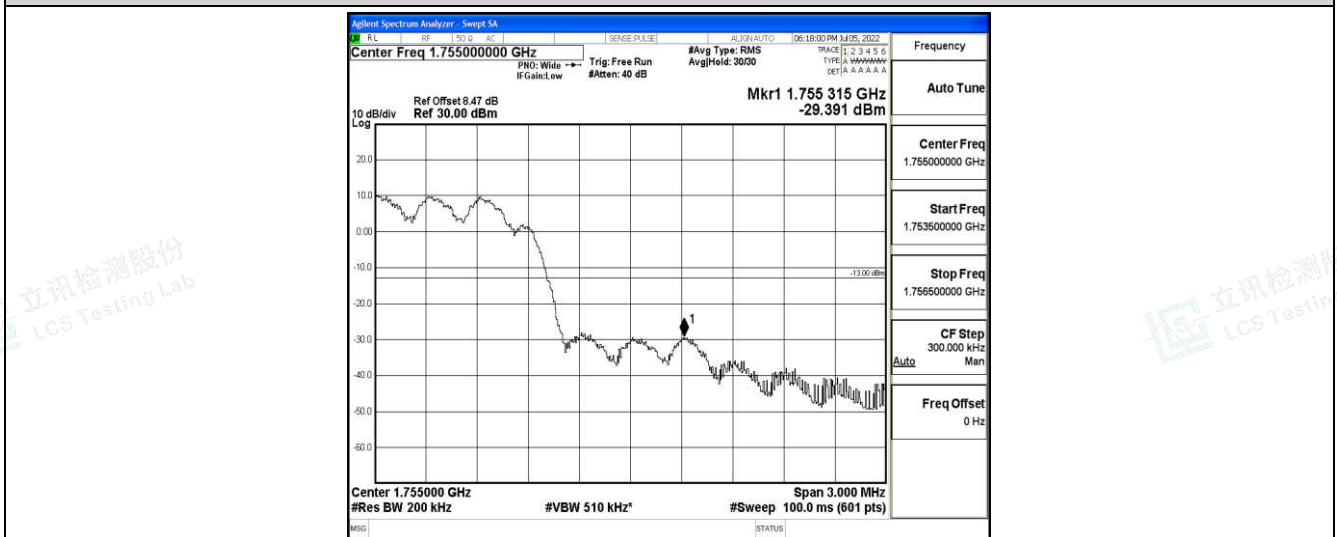
Band4-10MHz-QPSK-20350-6-0-High--30.47-PASS



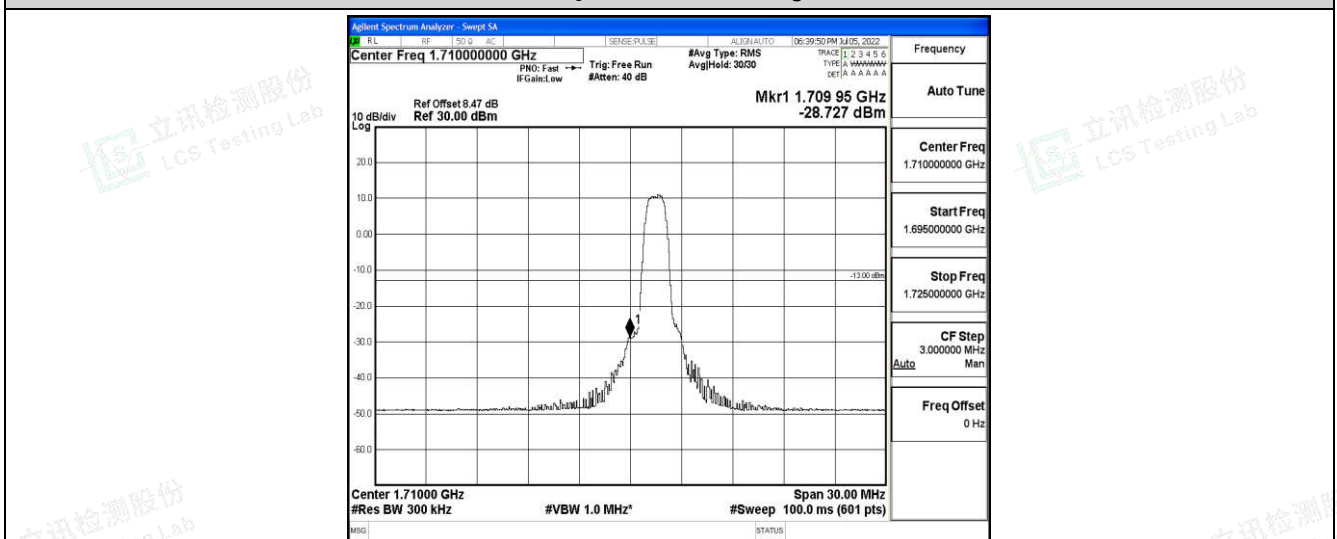
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Band4-10MHz-16QAM-20000-6-0-Low--33.31-PASS



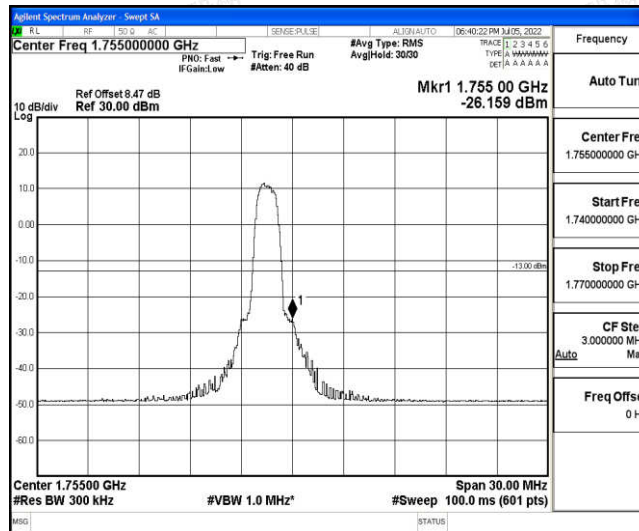
Band4-10MHz-16QAM-20350-6-0-High--29.39-PASS



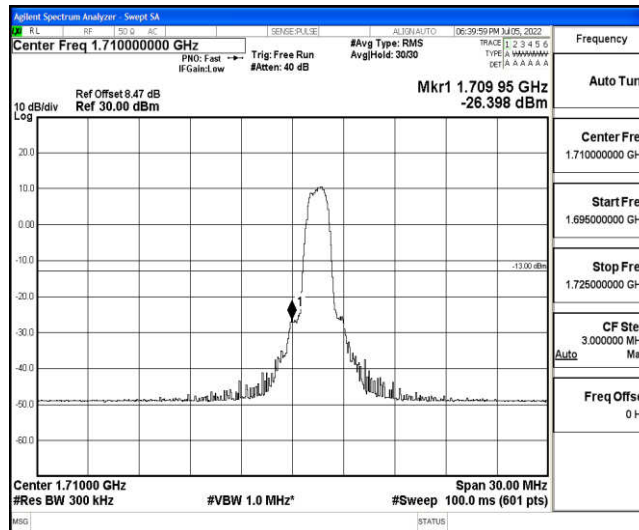
Band4-15MHz-QPSK-20025-6-0-Low--28.73-PASS



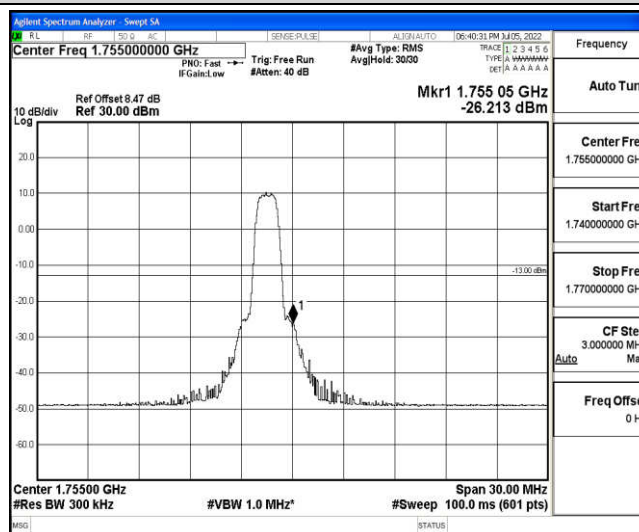
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Band4-15MHz-QPSK-20325-6-0-High--26.16-PASS



Band4-15MHz-16QAM-20025-6-0-Low--26.40-PASS



Band4-15MHz-16QAM-20325-6-0-High--26.21-PASS



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