



## Appendix N: Test Data for E-UTRA Band 66

**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





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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band66	1.4MHz	131979	QPSK	1	0	Low	20.05	PASS
Band66	1.4MHz	131979	QPSK	1	5	Low	19.78	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	17.65	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	19.50	PASS
Band66	1.4MHz	132322	QPSK	1	5	Low	19.44	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	17.27	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	20.13	PASS
Band66	1.4MHz	132665	QPSK	1	5	High	20.05	PASS
Band66	1.4MHz	132665	QPSK	6	0	High	17.83	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	18.93	PASS
Band66	1.4MHz	131979	16QAM	1	5	Low	18.80	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	17.73	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	18.54	PASS
Band66	1.4MHz	132322	16QAM	1	5	Low	18.43	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	17.35	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	19.61	PASS
Band66	1.4MHz	132665	16QAM	1	5	High	19.32	PASS
Band66	1.4MHz	132665	16QAM	6	0	High	17.88	PASS
Band66	3MHz	131987	QPSK	1	0	Low	20.36	PASS
Band66	3MHz	131987	QPSK	1	5	Low	20.17	PASS
Band66	3MHz	131987	QPSK	6	0	Low	17.93	PASS
Band66	3MHz	132322	QPSK	1	0	Low	19.77	PASS
Band66	3MHz	132322	QPSK	1	5	Low	19.76	PASS
Band66	3MHz	132322	QPSK	6	0	Low	17.60	PASS
Band66	3MHz	132657	QPSK	1	0	High	20.33	PASS
Band66	3MHz	132657	QPSK	1	5	High	20.35	PASS
Band66	3MHz	132657	QPSK	6	0	High	18.00	PASS
Band66	3MHz	131987	16QAM	1	0	Low	19.23	PASS
Band66	3MHz	131987	16QAM	1	5	Low	19.10	PASS
Band66	3MHz	131987	16QAM	6	0	Low	17.95	PASS
Band66	3MHz	132322	16QAM	1	0	Low	18.86	PASS





Band66	3MHz	132322	16QAM	1	5	Low	18.78	PASS
Band66	3MHz	132322	16QAM	6	0	Low	17.70	PASS
Band66	3MHz	132657	16QAM	1	0	High	19.45	PASS
Band66	3MHz	132657	16QAM	1	5	High	19.23	PASS
Band66	3MHz	132657	16QAM	6	0	High	18.08	PASS
Band66	5MHz	131997	QPSK	1	0	Low	20.24	PASS
Band66	5MHz	131997	QPSK	1	5	Low	20.18	PASS
Band66	5MHz	131997	QPSK	6	0	Low	18.96	PASS
Band66	5MHz	132322	QPSK	1	0	Low	19.87	PASS
Band66	5MHz	132322	QPSK	1	5	Low	20.04	PASS
Band66	5MHz	132322	QPSK	6	0	Low	18.70	PASS
Band66	5MHz	132647	QPSK	1	0	High	20.44	PASS
Band66	5MHz	132647	QPSK	1	5	High	20.54	PASS
Band66	5MHz	132647	QPSK	6	0	High	19.28	PASS
Band66	5MHz	131997	16QAM	1	0	Low	20.61	PASS
Band66	5MHz	131997	16QAM	1	5	Low	20.09	PASS
Band66	5MHz	131997	16QAM	6	0	Low	18.95	PASS
Band66	5MHz	132322	16QAM	1	0	Low	20.26	PASS
Band66	5MHz	132322	16QAM	1	5	Low	19.88	PASS
Band66	5MHz	132322	16QAM	6	0	Low	18.73	PASS
Band66	5MHz	132647	16QAM	1	0	High	20.93	PASS
Band66	5MHz	132647	16QAM	1	5	High	20.62	PASS
Band66	5MHz	132647	16QAM	6	0	High	19.13	PASS
Band66	10MHz	132022	QPSK	1	0	Low	20.42	PASS
Band66	10MHz	132022	QPSK	1	5	Low	20.15	PASS
Band66	10MHz	132022	QPSK	6	0	Low	19.13	PASS
Band66	10MHz	132322	QPSK	1	0	Low	20.01	PASS
Band66	10MHz	132322	QPSK	1	5	Low	19.86	PASS
Band66	10MHz	132322	QPSK	6	0	Low	18.69	PASS
Band66	10MHz	132622	QPSK	1	0	High	20.22	PASS
Band66	10MHz	132622	QPSK	1	5	High	20.40	PASS
Band66	10MHz	132622	QPSK	6	0	High	19.15	PASS
Band66	10MHz	132022	16QAM	1	0	Low	20.43	PASS
Band66	10MHz	132022	16QAM	1	5	Low	20.21	PASS
Band66	10MHz	132022	16QAM	6	0	Low	18.80	PASS
Band66	10MHz	132322	16QAM	1	0	Low	20.04	PASS
Band66	10MHz	132322	16QAM	1	5	Low	19.98	PASS
Band66	10MHz	132322	16QAM	6	0	Low	18.68	PASS
Band66	10MHz	132622	16QAM	1	0	High	20.92	PASS
Band66	10MHz	132622	16QAM	1	5	High	20.40	PASS





Band66	10MHz	132622	16QAM	6	0	High	19.06	PASS
Band66	15MHz	132047	QPSK	1	0	Low	20.37	PASS
Band66	15MHz	132047	QPSK	1	5	Low	20.13	PASS
Band66	15MHz	132047	QPSK	6	0	Low	19.93	PASS
Band66	15MHz	132322	QPSK	1	0	Low	19.86	PASS
Band66	15MHz	132322	QPSK	1	5	Low	19.80	PASS
Band66	15MHz	132322	QPSK	6	0	Low	19.67	PASS
Band66	15MHz	132597	QPSK	1	0	High	20.35	PASS
Band66	15MHz	132597	QPSK	1	5	High	20.50	PASS
Band66	15MHz	132597	QPSK	6	0	High	20.30	PASS
Band66	15MHz	132047	16QAM	1	0	Low	20.63	PASS
Band66	15MHz	132047	16QAM	1	5	Low	20.48	PASS
Band66	15MHz	132047	16QAM	6	0	Low	19.93	PASS
Band66	15MHz	132322	16QAM	1	0	Low	20.27	PASS
Band66	15MHz	132322	16QAM	1	5	Low	19.94	PASS
Band66	15MHz	132322	16QAM	6	0	Low	19.84	PASS
Band66	15MHz	132597	16QAM	1	0	High	20.87	PASS
Band66	15MHz	132597	16QAM	1	5	High	20.66	PASS
Band66	15MHz	132597	16QAM	6	0	High	20.14	PASS
Band66	20MHz	132072	QPSK	1	0	Low	20.53	PASS
Band66	20MHz	132072	QPSK	1	5	Low	20.02	PASS
Band66	20MHz	132072	QPSK	6	0	Low	20.03	PASS
Band66	20MHz	132322	QPSK	1	0	Low	19.89	PASS
Band66	20MHz	132322	QPSK	1	5	Low	20.03	PASS
Band66	20MHz	132322	QPSK	6	0	Low	19.58	PASS
Band66	20MHz	132572	QPSK	1	0	High	20.40	PASS
Band66	20MHz	132572	QPSK	1	5	High	20.54	PASS
Band66	20MHz	132572	QPSK	6	0	High	20.33	PASS
Band66	20MHz	132072	16QAM	1	0	Low	20.58	PASS
Band66	20MHz	132072	16QAM	1	5	Low	20.56	PASS
Band66	20MHz	132072	16QAM	6	0	Low	20.02	PASS
Band66	20MHz	132322	16QAM	1	0	Low	20.26	PASS
Band66	20MHz	132322	16QAM	1	5	Low	19.83	PASS
Band66	20MHz	132322	16QAM	6	0	Low	19.64	PASS
Band66	20MHz	132572	16QAM	1	0	High	20.82	PASS
Band66	20MHz	132572	16QAM	1	5	High	20.66	PASS
Band66	20MHz	132572	16QAM	6	0	High	20.14	PASS





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

### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	131979	QPSK	6	0	Low	8.80	<=13	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	11.29	<=13	PASS
Band66	1.4MHz	132665	QPSK	6	0	High	10.59	<=13	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	9.43	<=13	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	8.76	<=13	PASS
Band66	1.4MHz	132665	16QAM	6	0	High	10.14	<=13	PASS
Band66	3MHz	131987	QPSK	6	0	Low	8.85	<=13	PASS
Band66	3MHz	132322	QPSK	6	0	Low	9.05	<=13	PASS
Band66	3MHz	132657	QPSK	6	0	High	10.84	<=13	PASS
Band66	3MHz	131987	16QAM	6	0	Low	8.80	<=13	PASS
Band66	3MHz	132322	16QAM	6	0	Low	11.98	<=13	PASS
Band66	3MHz	132657	16QAM	6	0	High	10.42	<=13	PASS
Band66	5MHz	131997	QPSK	6	0	Low	9.67	<=13	PASS
Band66	5MHz	132322	QPSK	6	0	Low	10.55	<=13	PASS
Band66	5MHz	132647	QPSK	6	0	High	8.77	<=13	PASS
Band66	5MHz	131997	16QAM	6	0	Low	12.40	<=13	PASS
Band66	5MHz	132322	16QAM	6	0	Low	8.54	<=13	PASS
Band66	5MHz	132647	16QAM	6	0	High	9.98	<=13	PASS
Band66	10MHz	132022	QPSK	6	0	Low	8.69	<=13	PASS
Band66	10MHz	132322	QPSK	6	0	Low	8.61	<=13	PASS
Band66	10MHz	132622	QPSK	6	0	High	9.63	<=13	PASS
Band66	10MHz	132022	16QAM	6	0	Low	9.77	<=13	PASS
Band66	10MHz	132322	16QAM	6	0	Low	9.51	<=13	PASS
Band66	10MHz	132622	16QAM	6	0	High	10.05	<=13	PASS
Band66	15MHz	132047	QPSK	6	0	Low	7.54	<=13	PASS
Band66	15MHz	132322	QPSK	6	0	Low	10.47	<=13	PASS
Band66	15MHz	132597	QPSK	6	0	High	8.40	<=13	PASS
Band66	15MHz	132047	16QAM	6	0	Low	11.01	<=13	PASS
Band66	15MHz	132322	16QAM	6	0	Low	7.68	<=13	PASS
Band66	15MHz	132597	16QAM	6	0	High	8.43	<=13	PASS
Band66	20MHz	132072	QPSK	6	0	Low	9.26	<=13	PASS
Band66	20MHz	132322	QPSK	6	0	Low	10.26	<=13	PASS





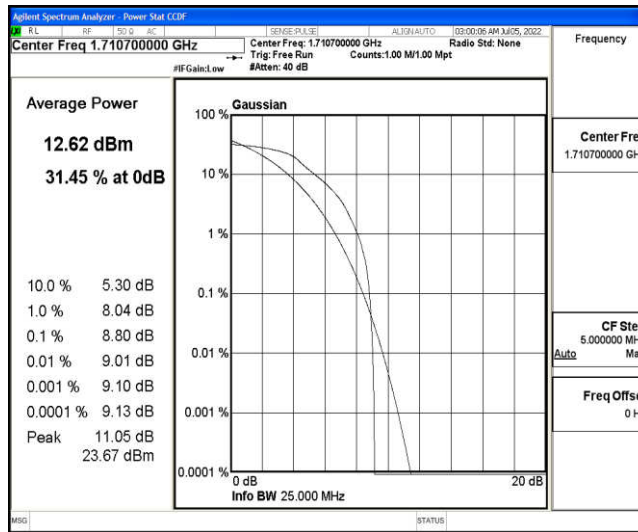
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Band66	20MHz	132072	16QAM	6	0	Low	8.63	<=13	PASS
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Band66	20MHz	132572	16QAM	6	0	High	8.93	<=13	PASS



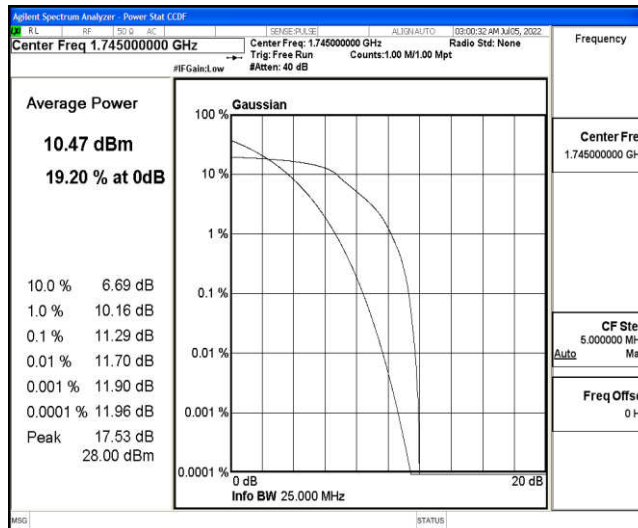
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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### Test Graphs

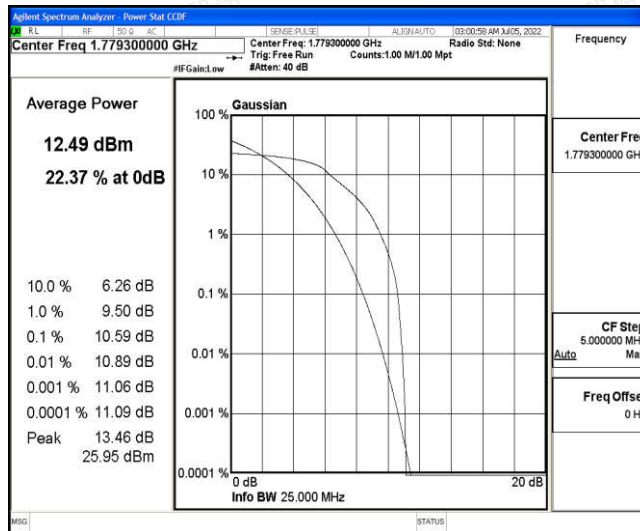


Band66-1.4MHz-QPSK-131979-6-0-Low-8.80-<=13-PASS

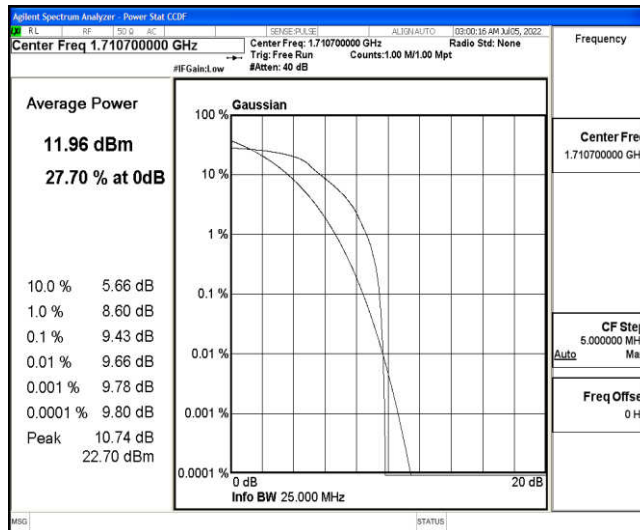


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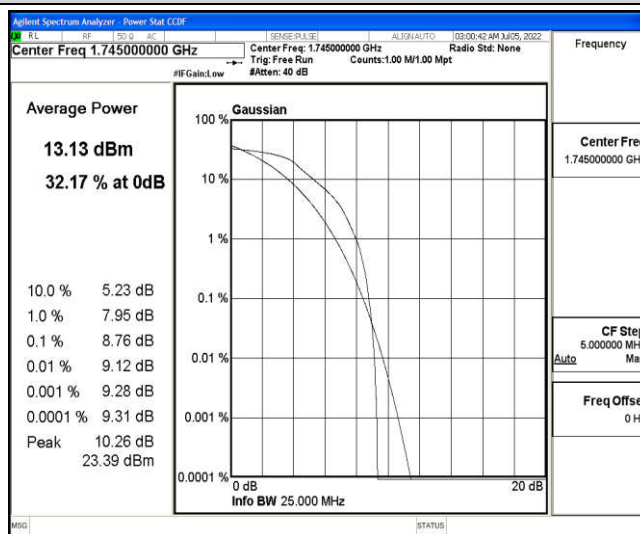




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Band66-1.4MHz-16QAM-131979-6-0-Low-9.43-<=13-PASS

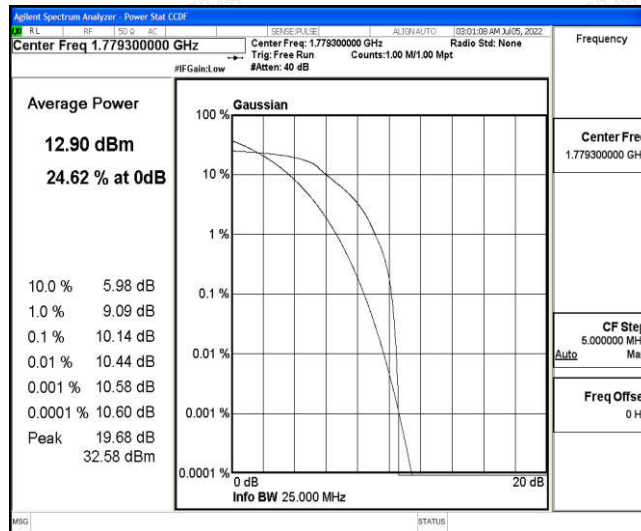


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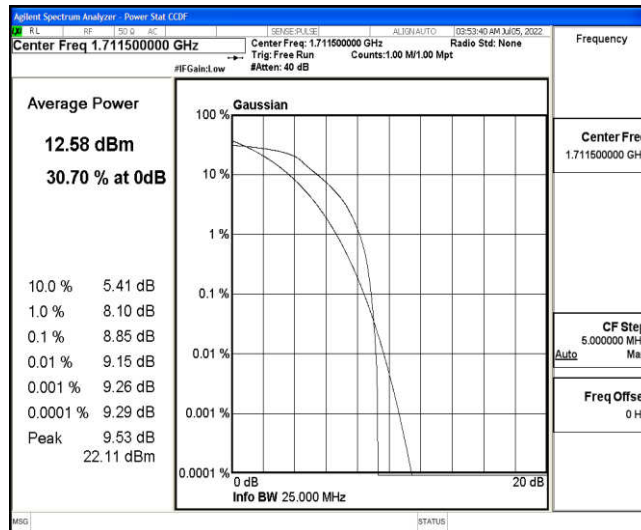


Shenzhen LCS Compliance Testing Laboratory Ltd.  
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

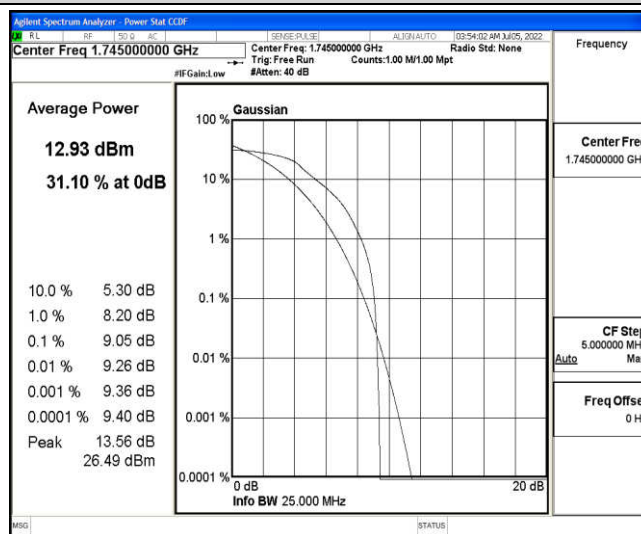




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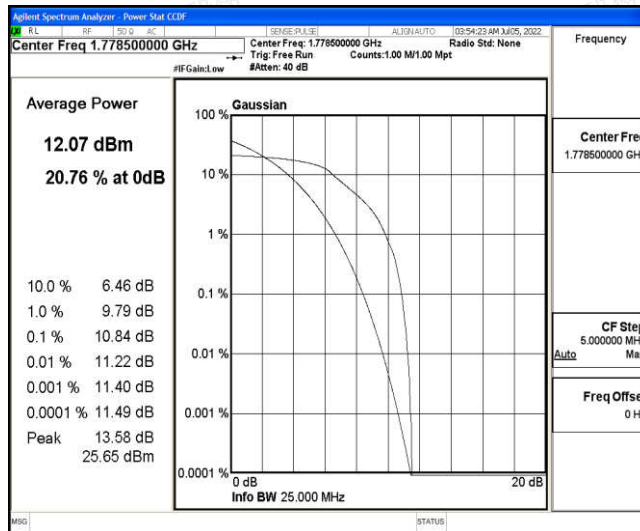


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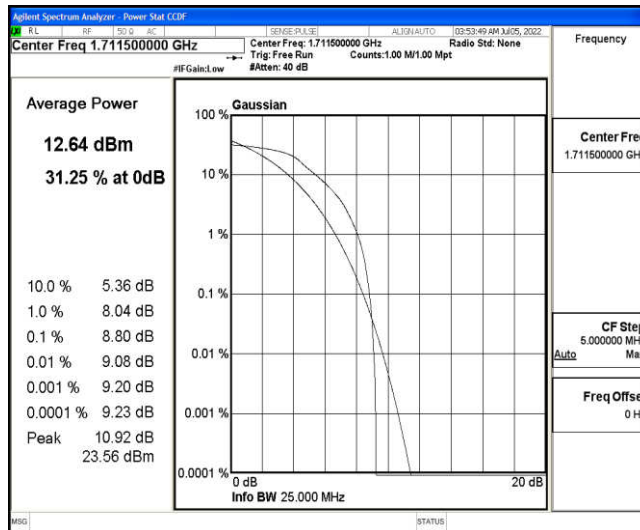


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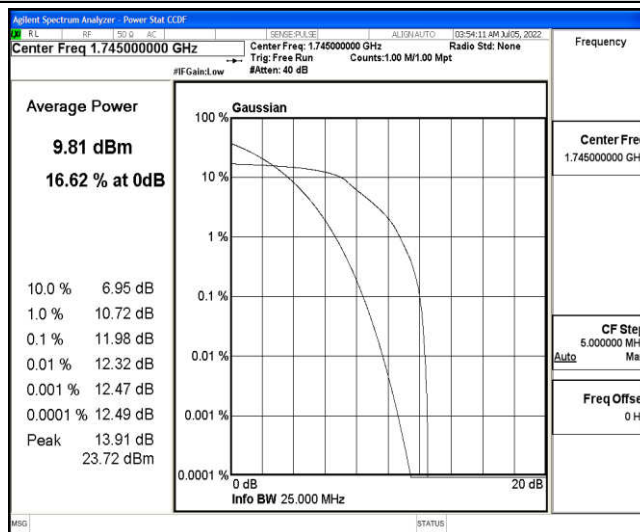




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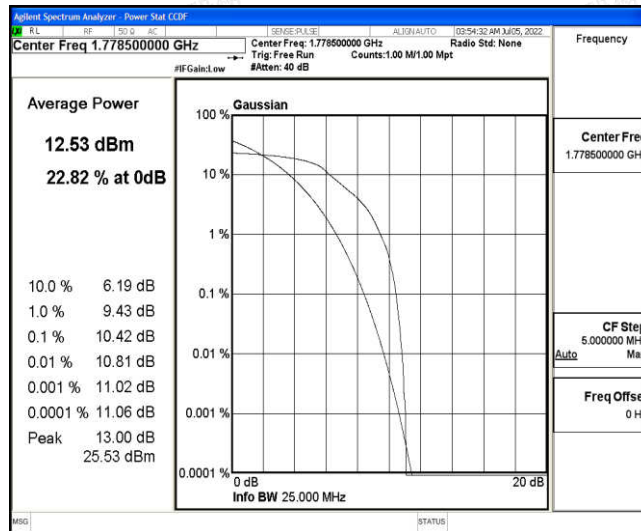


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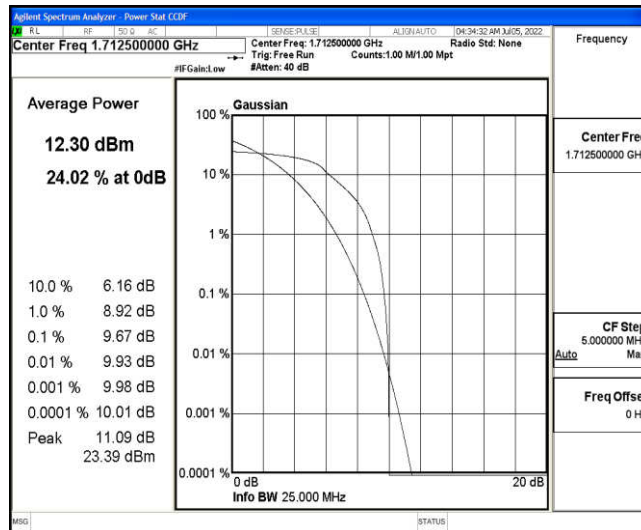


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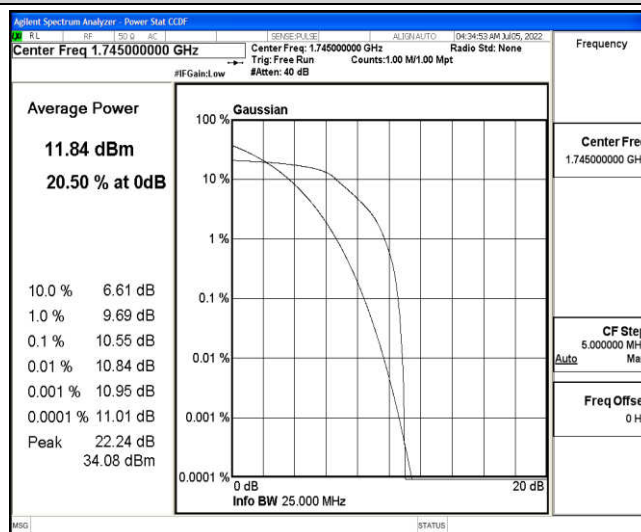




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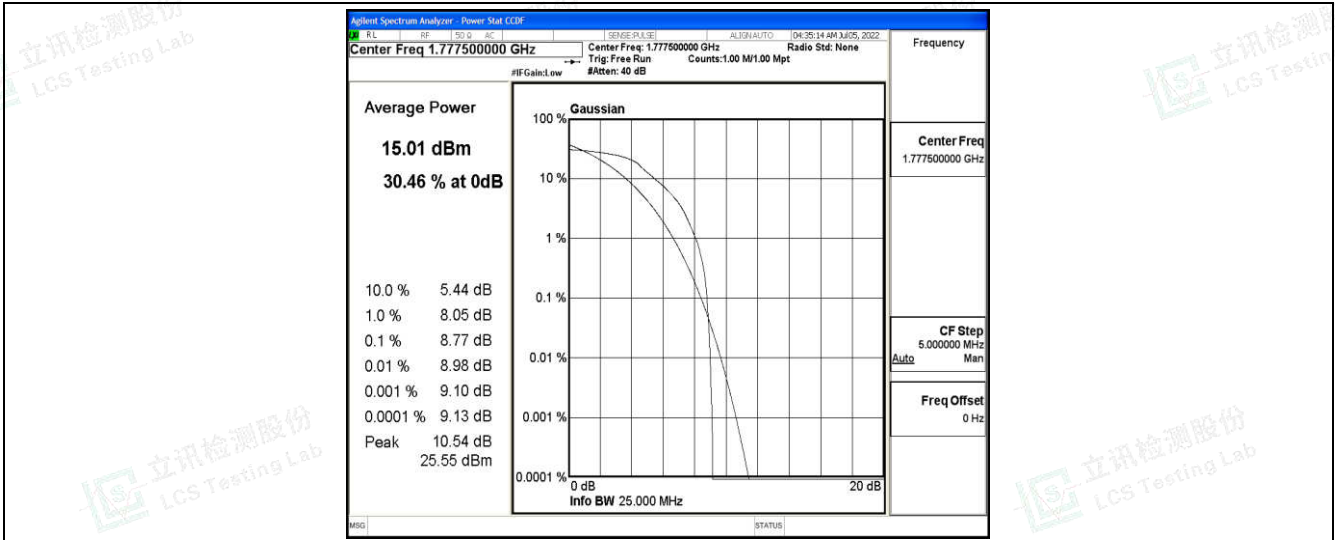


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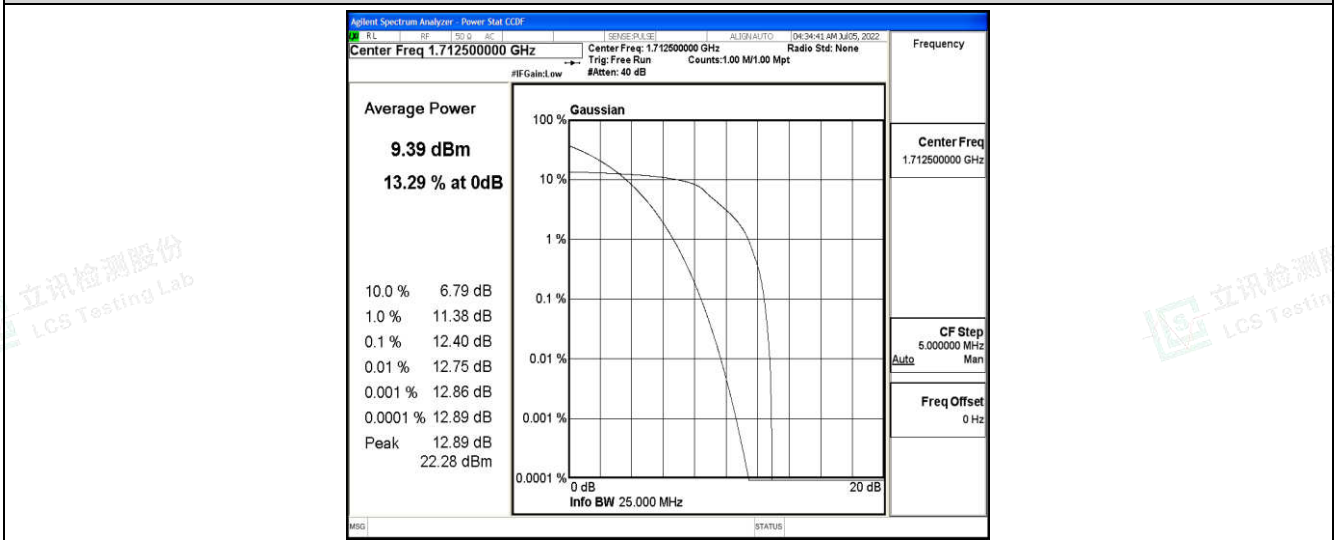


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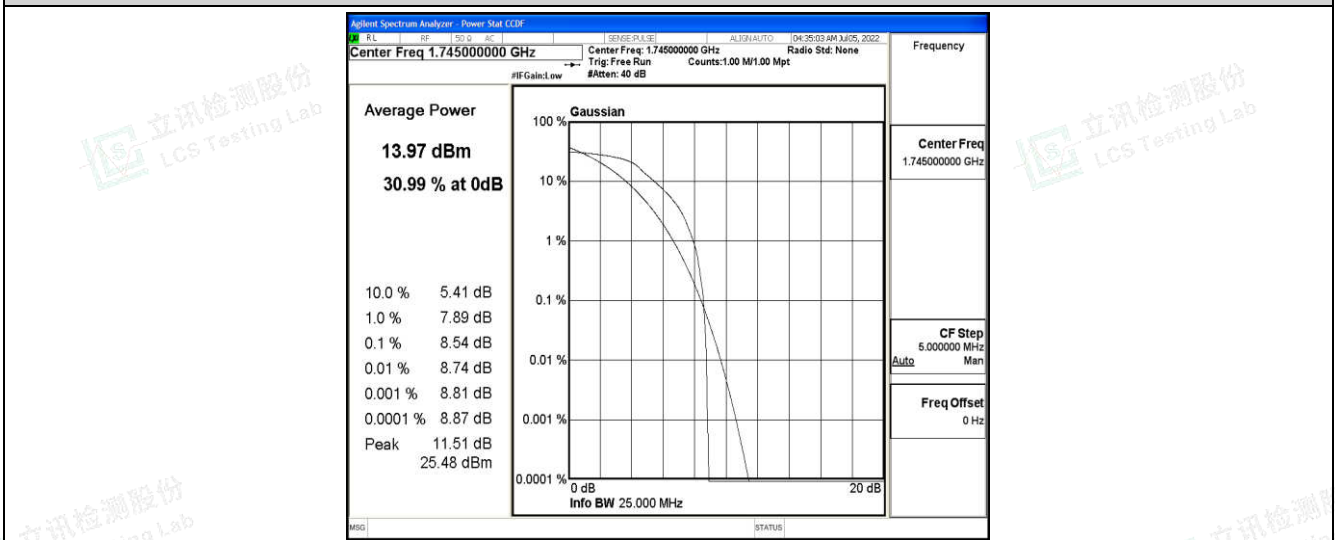




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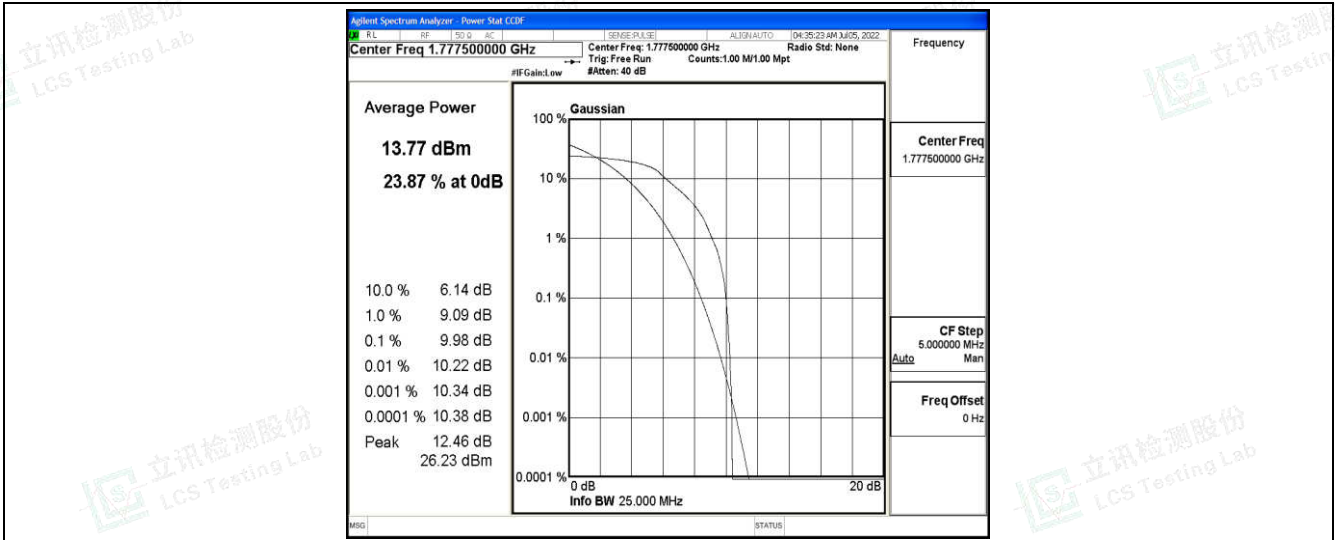


Band66-5MHz-16QAM-131997-6-0-Low-12.40-<=13-PASS

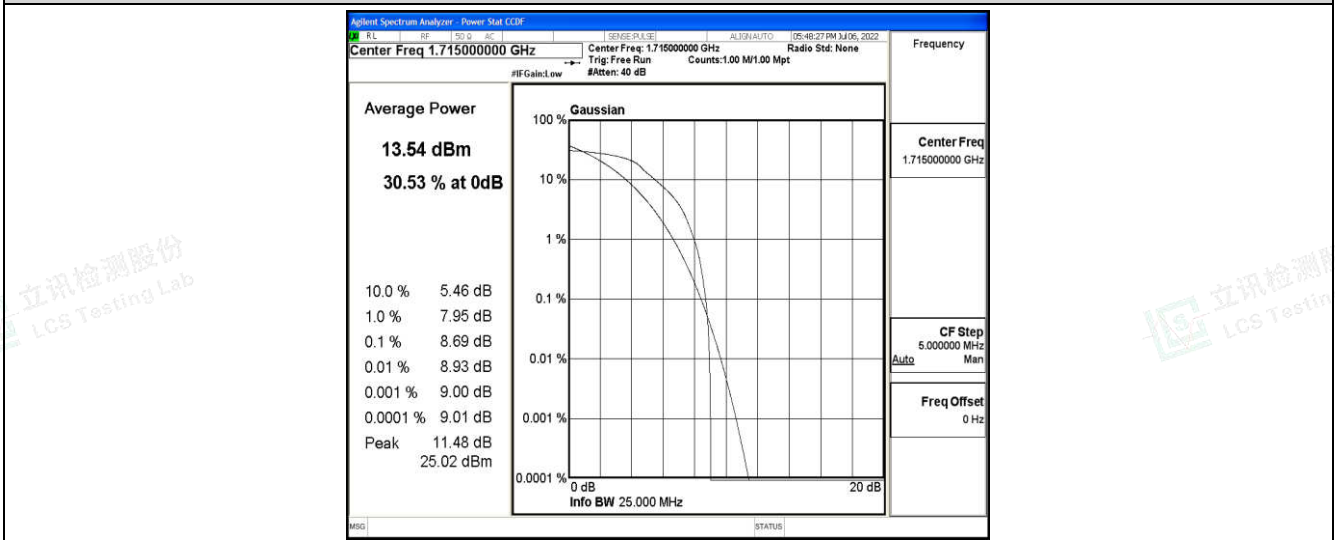


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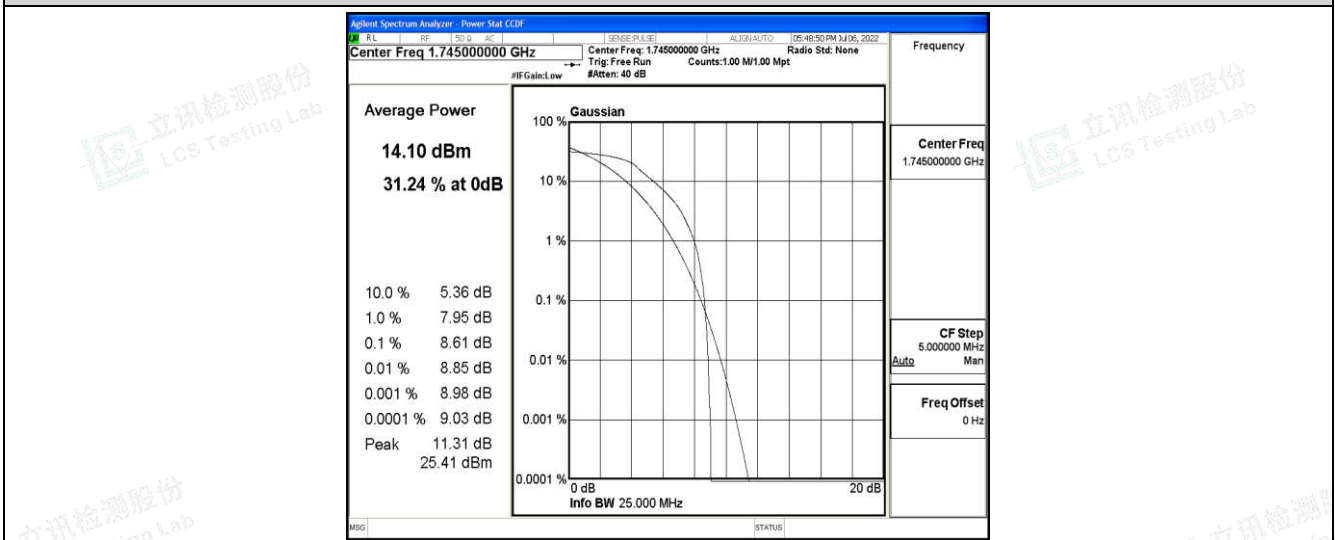




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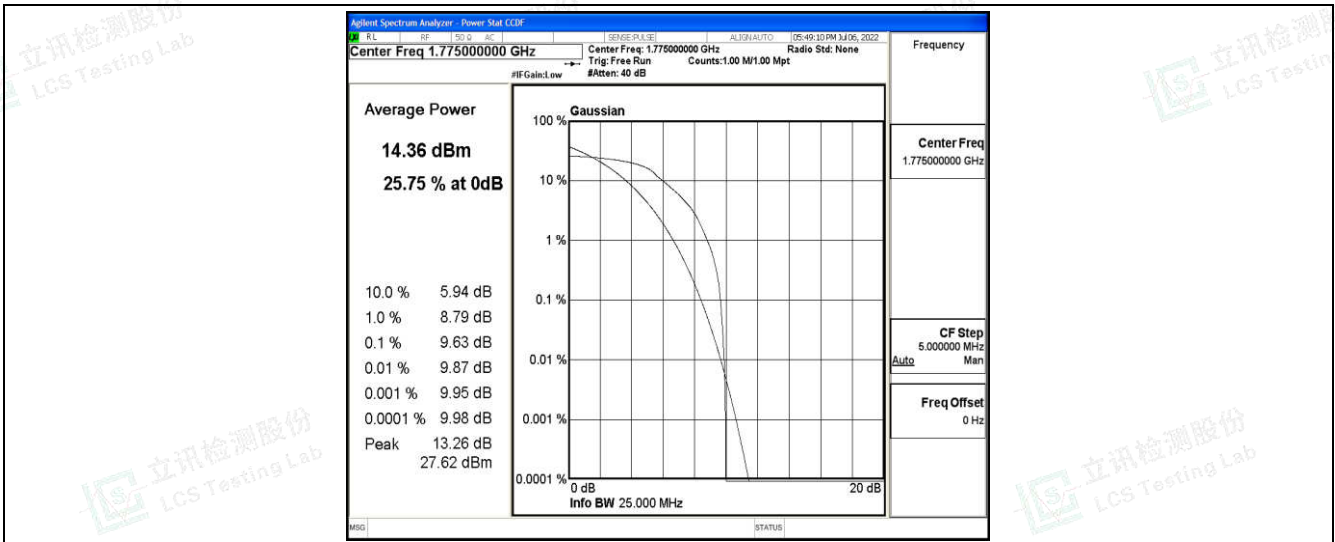


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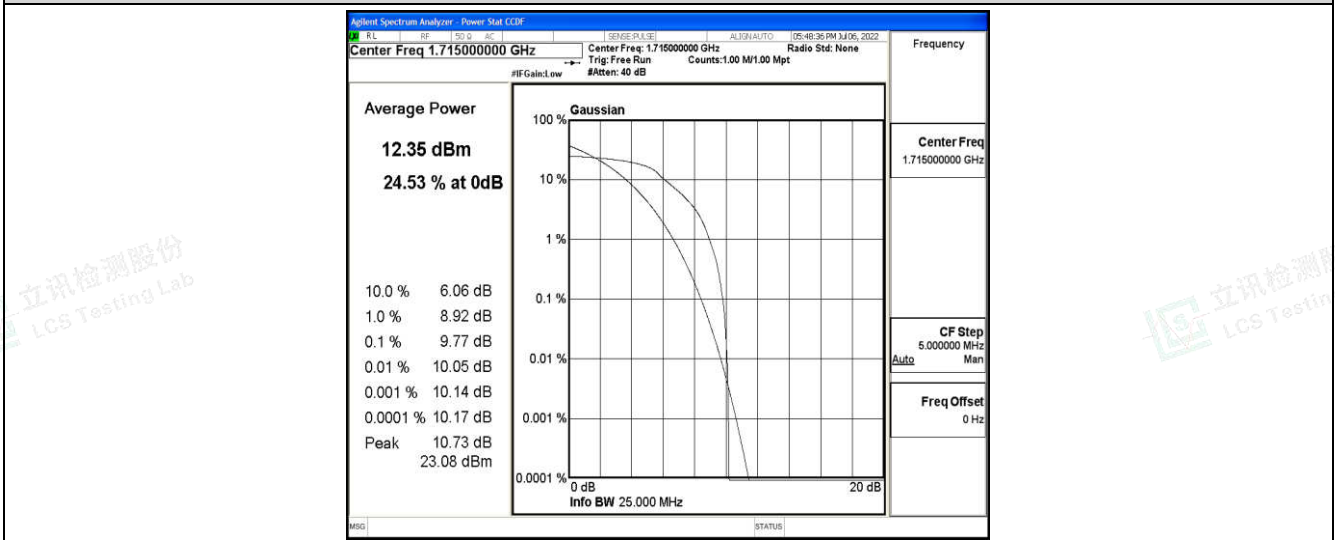


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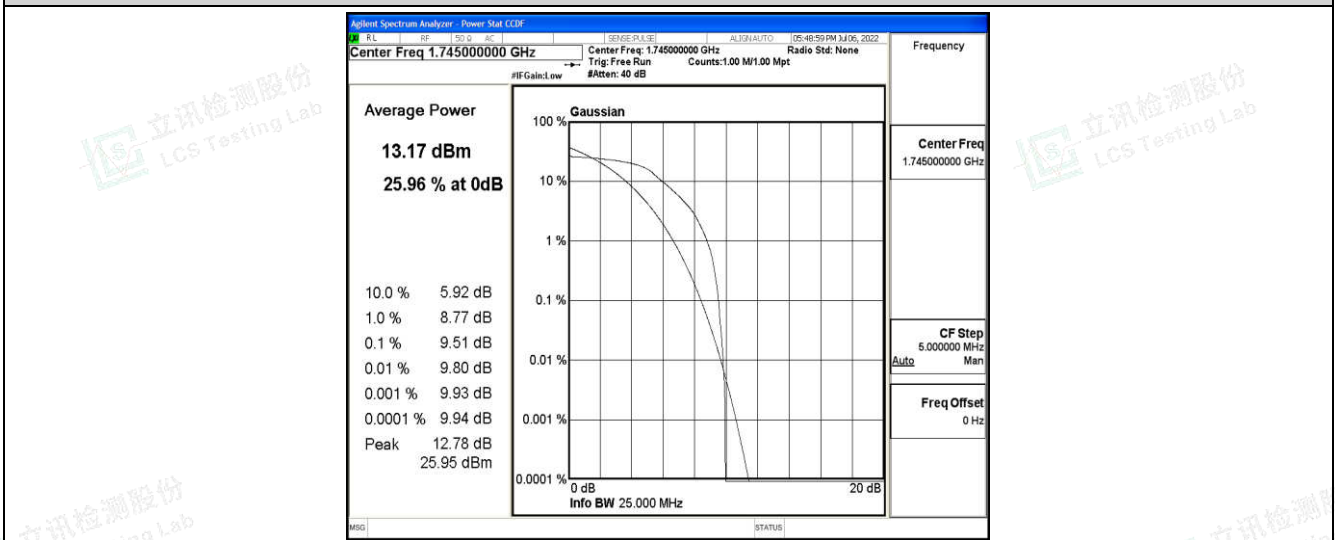




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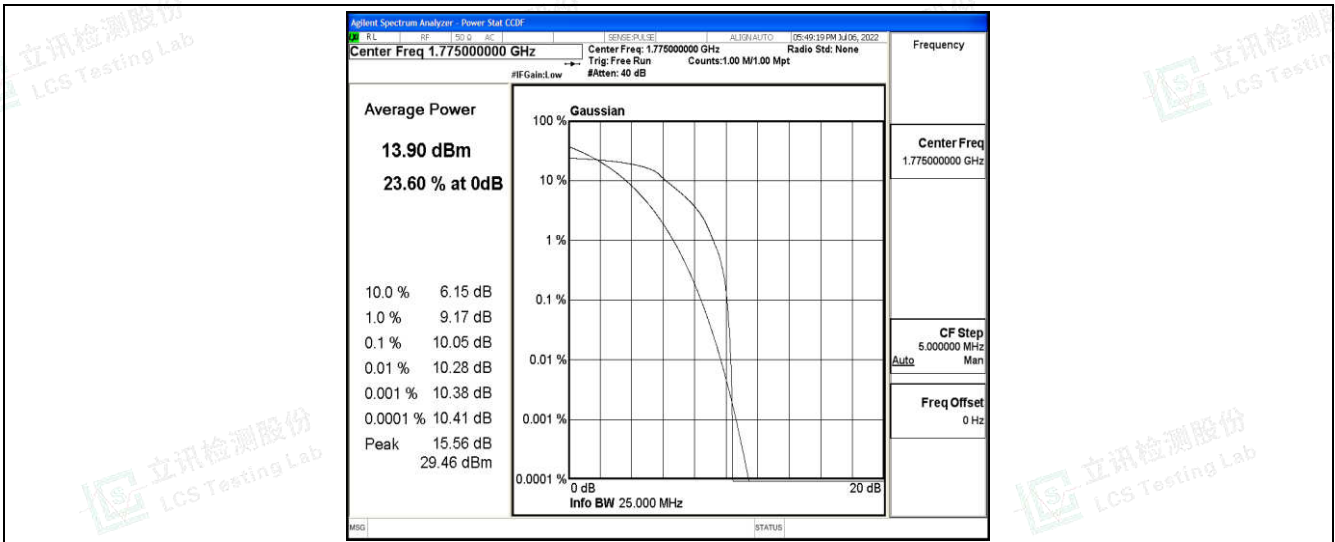


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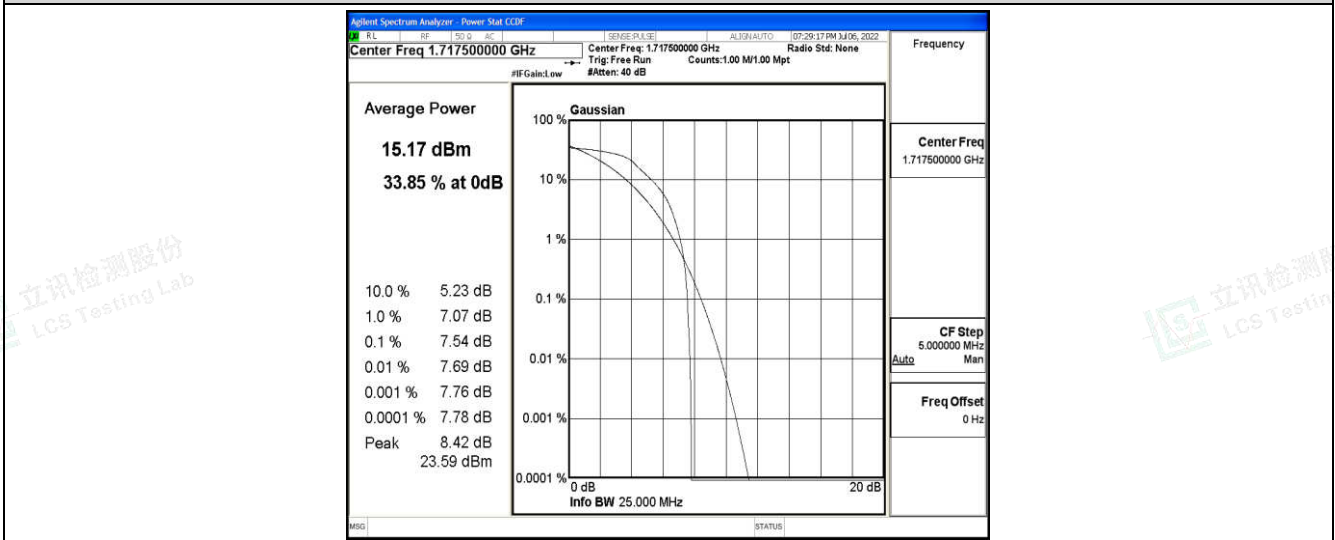


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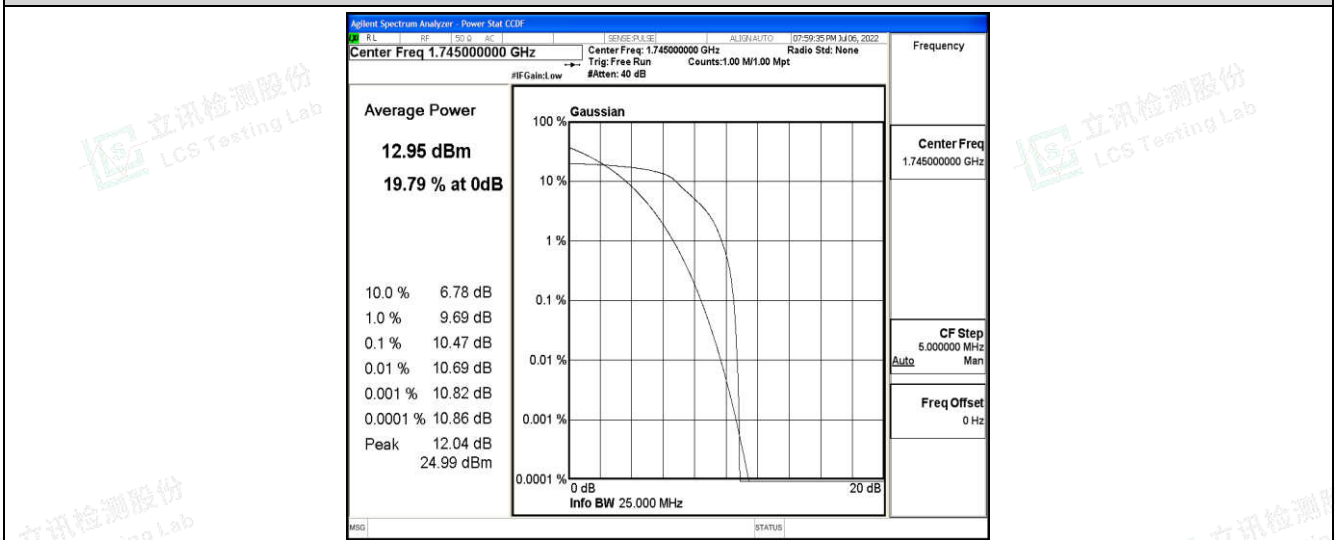




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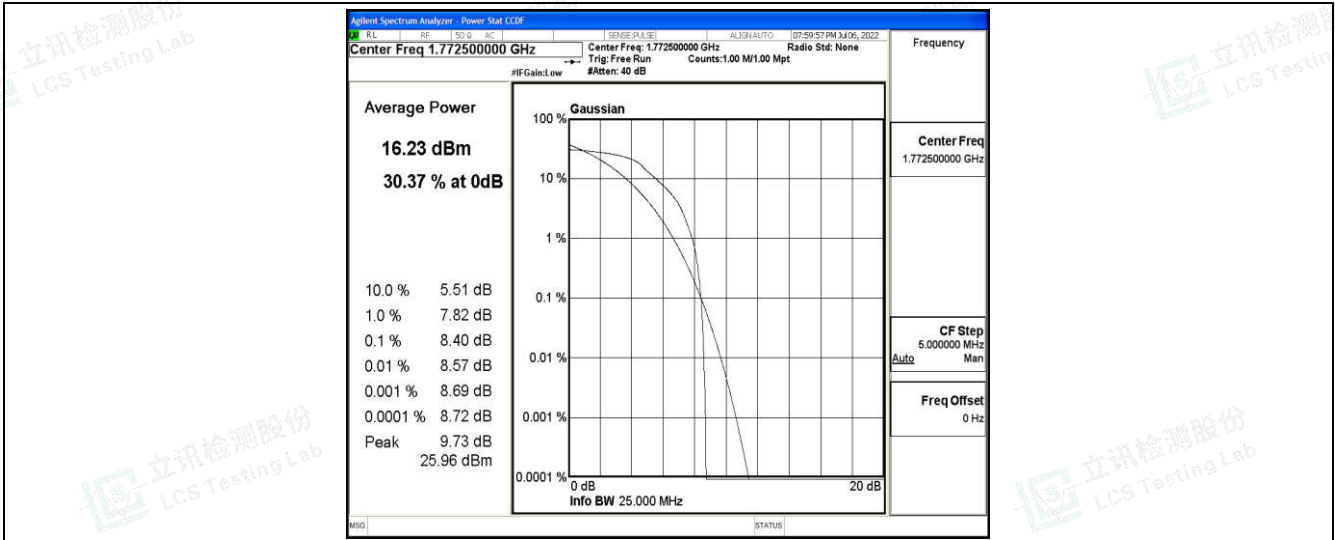


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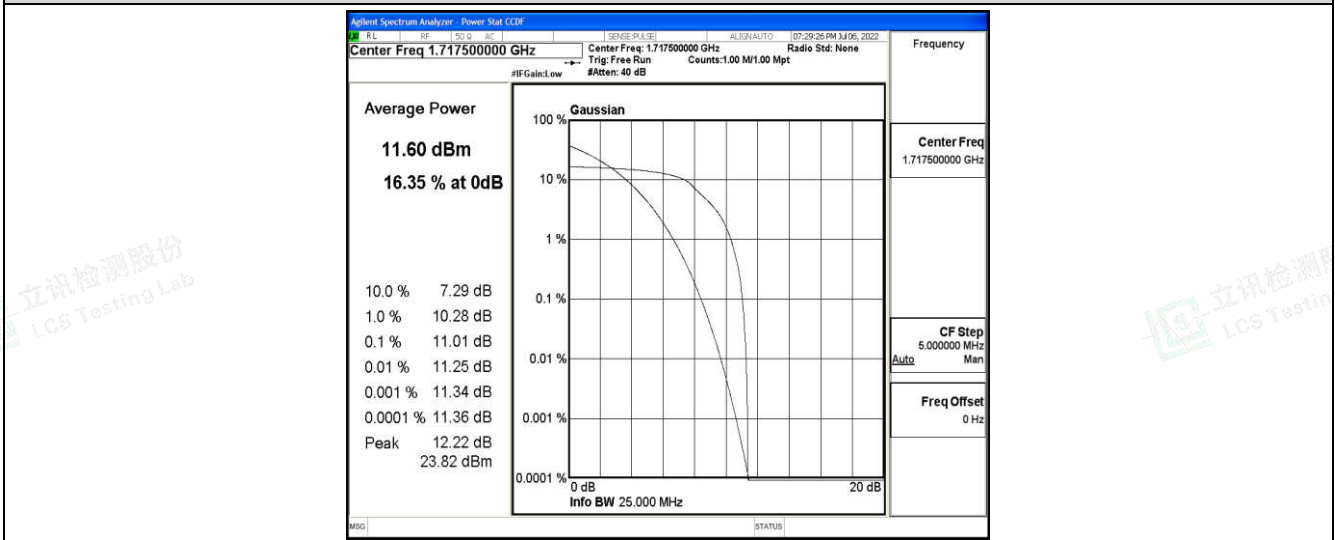


Band66-15MHz-QPSK-132322-6-0-Low-10.47-<=13-PASS

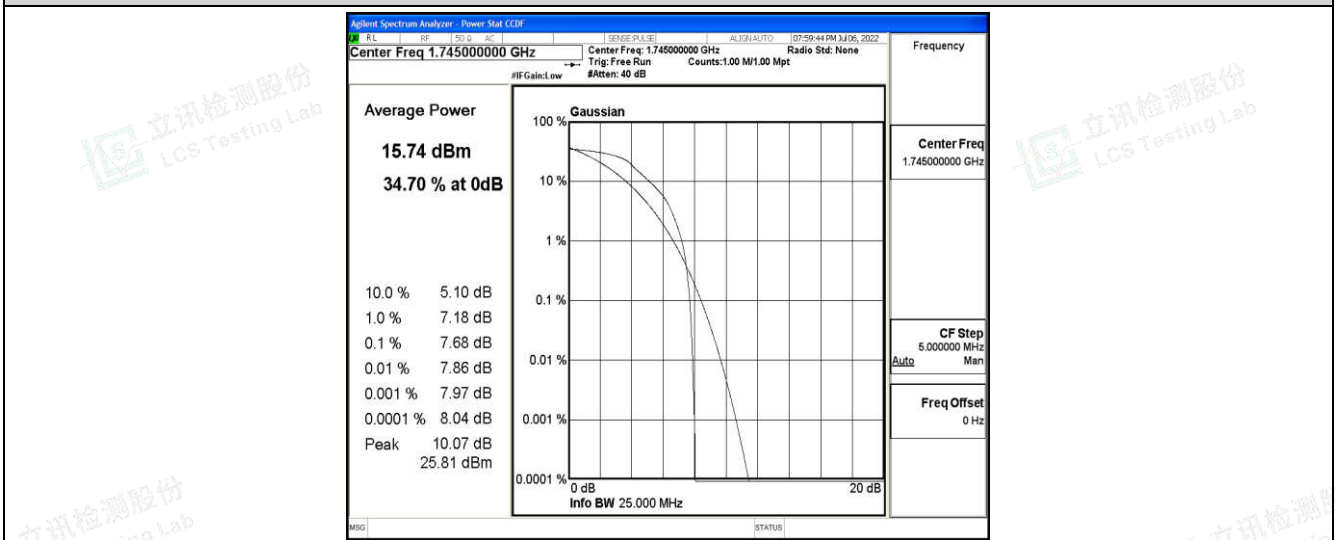




Band66-15MHz-QPSK-132597-6-0-High-8.40-<=13-PASS



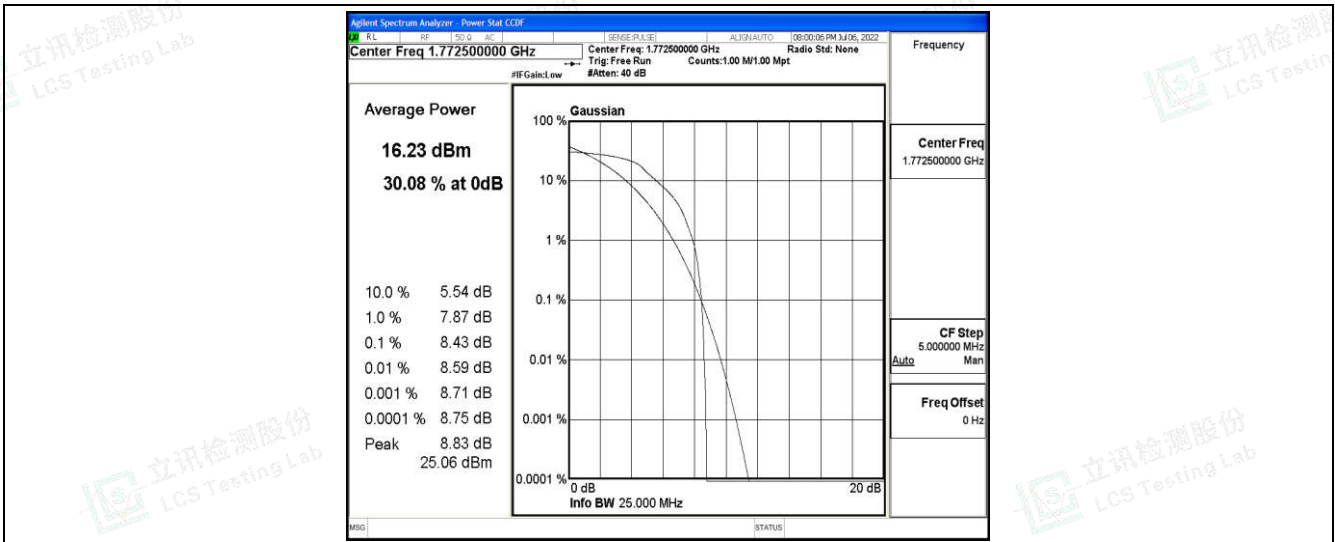
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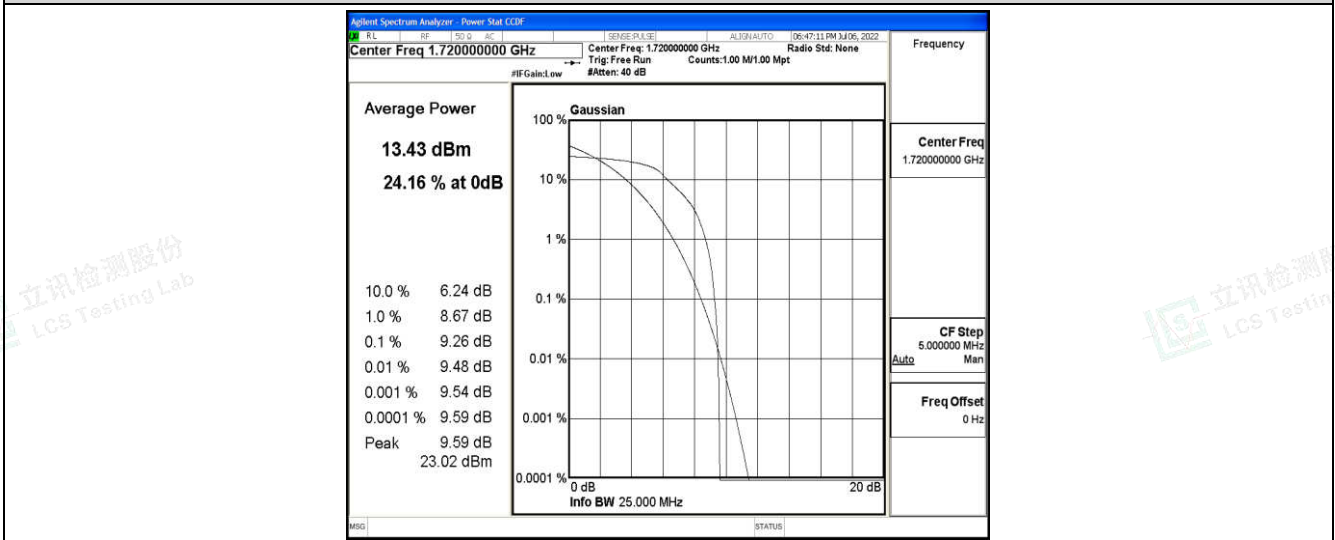
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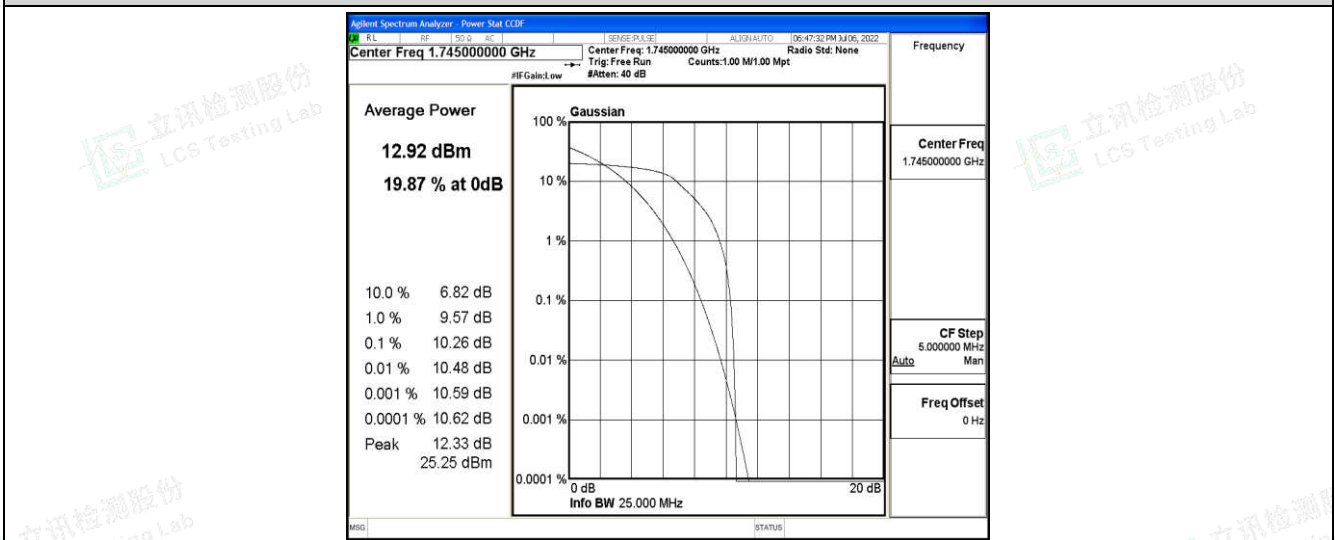




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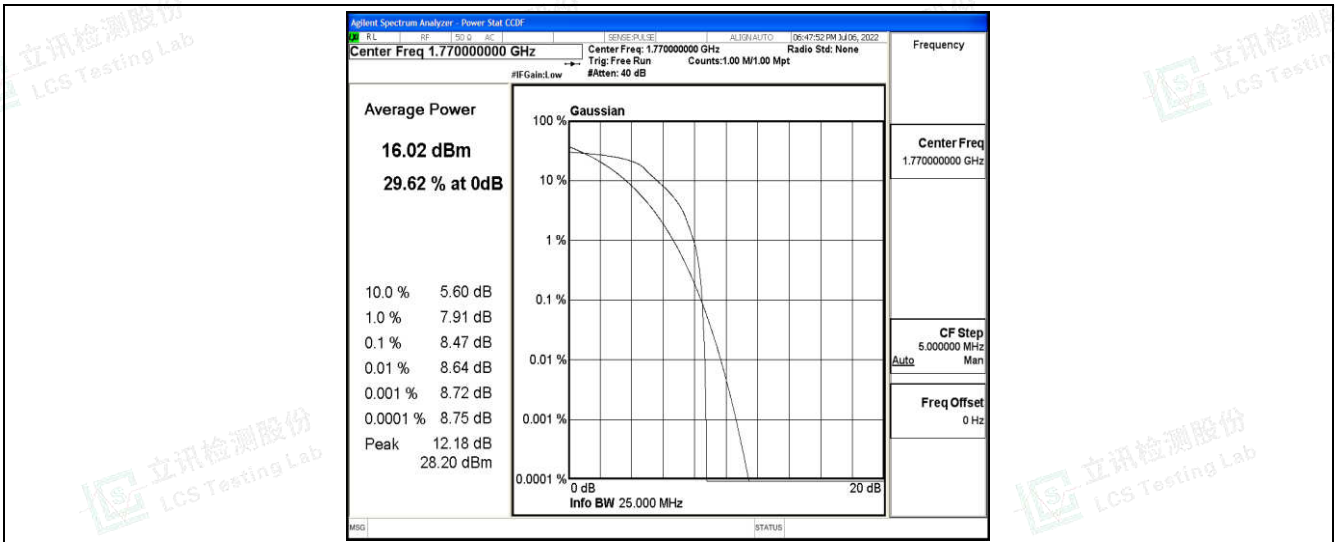


Band66-20MHz-QPSK-132072-6-0-Low-9.26-<=13-PASS

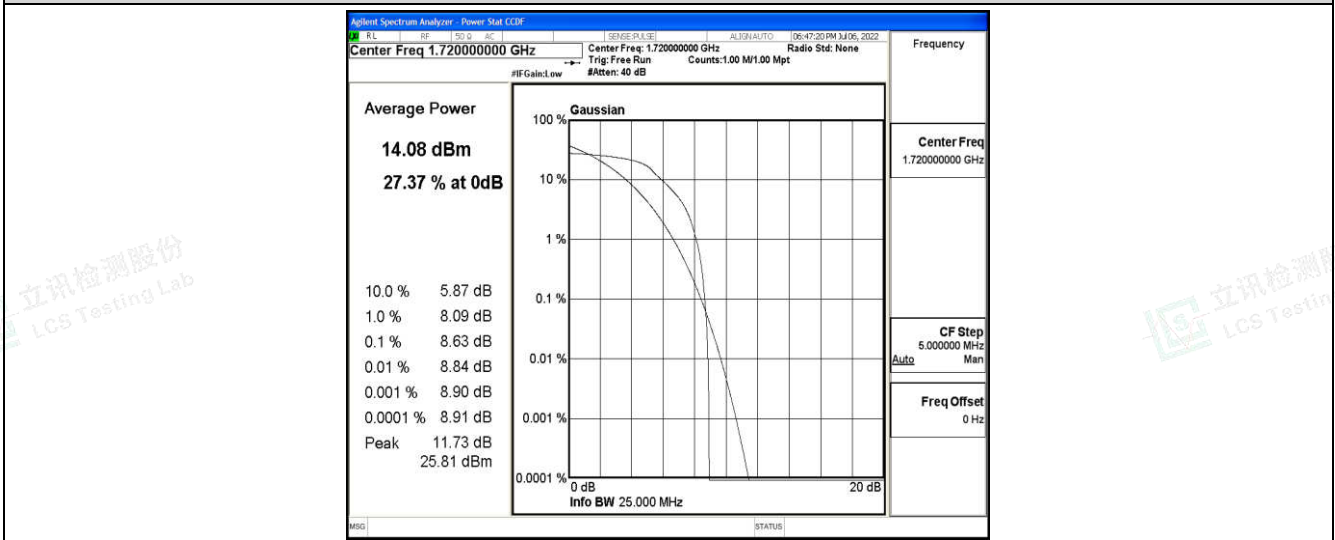


Band66-20MHz-QPSK-132322-6-0-Low-10.26-<=13-PASS

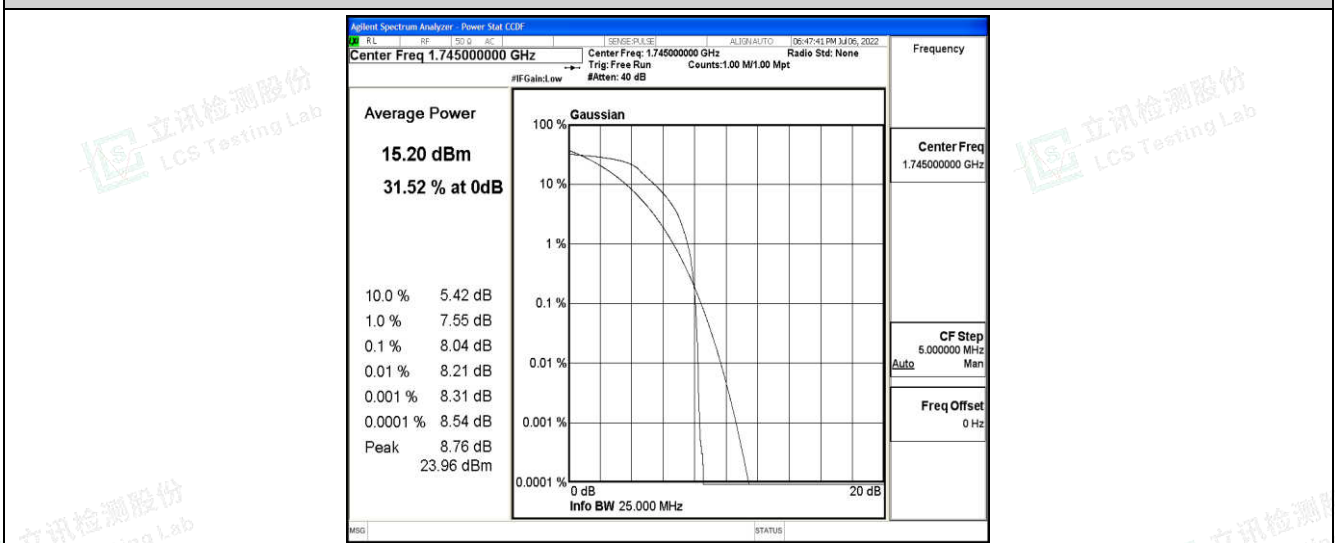




Band66-20MHz-QPSK-132572-6-0-High-8.47-<=13-PASS

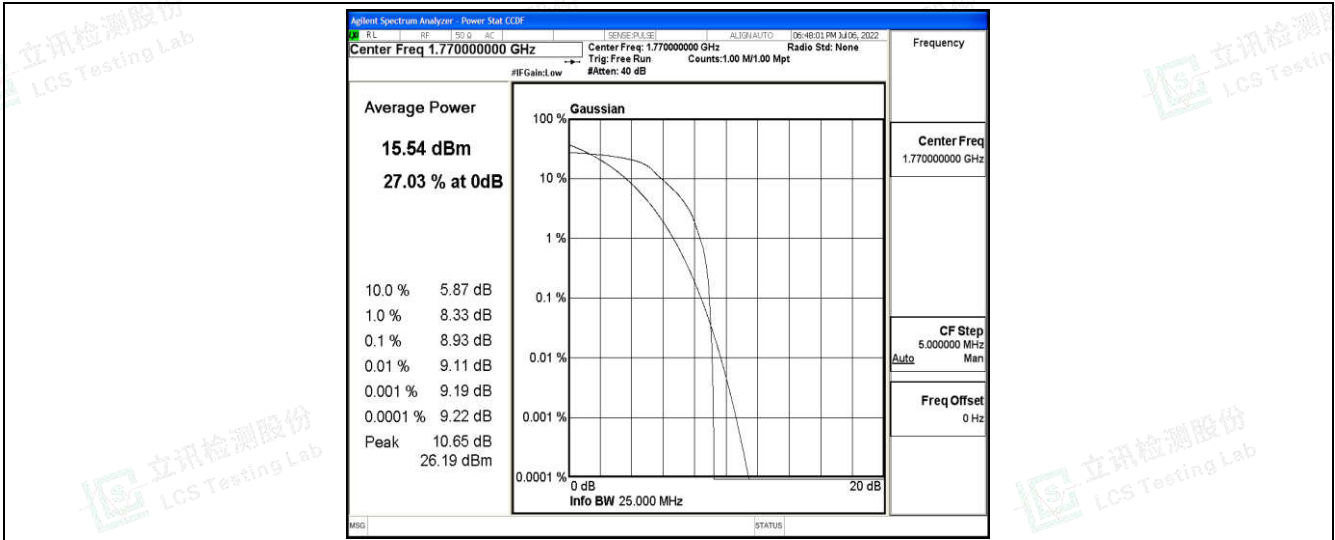


Band66-20MHz-16QAM-132072-6-0-Low-8.63-<=13-PASS



Band66-20MHz-16QAM-132322-6-0-Low-8.04-<=13-PASS





Band66-20MHz-16QAM-132572-6-0-High-8.93-<=13-PASS





### N.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
Band66	1.4MHz	131979	QPSK	6	0	Low	1.0924	1.286	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	1.0939	1.288	PASS
Band66	1.4MHz	132665	QPSK	6	0	High	1.0977	1.292	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	1.0923	1.295	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	1.0945	1.278	PASS
Band66	1.4MHz	132665	16QAM	6	0	High	1.0934	1.284	PASS
Band66	3MHz	131987	QPSK	6	0	Low	1.1024	1.332	PASS
Band66	3MHz	132322	QPSK	6	0	Low	1.1203	1.317	PASS
Band66	3MHz	132657	QPSK	6	0	High	1.1064	1.347	PASS
Band66	3MHz	131987	16QAM	6	0	Low	1.1061	1.304	PASS
Band66	3MHz	132322	16QAM	6	0	Low	1.1161	1.318	PASS
Band66	3MHz	132657	16QAM	6	0	High	1.1070	1.338	PASS
Band66	5MHz	131997	QPSK	6	0	Low	1.1789	1.649	PASS
Band66	5MHz	132322	QPSK	6	0	Low	1.1795	1.585	PASS
Band66	5MHz	132647	QPSK	6	0	High	1.1860	1.483	PASS
Band66	5MHz	131997	16QAM	6	0	Low	1.1916	1.561	PASS
Band66	5MHz	132322	16QAM	6	0	Low	1.1752	1.569	PASS
Band66	5MHz	132647	16QAM	6	0	High	1.1706	1.467	PASS
Band66	10MHz	132022	QPSK	6	0	Low	1.3453	2.548	PASS
Band66	10MHz	132322	QPSK	6	0	Low	1.3531	2.306	PASS
Band66	10MHz	132622	QPSK	6	0	High	1.3413	1.830	PASS
Band66	10MHz	132022	16QAM	6	0	Low	1.3564	2.812	PASS
Band66	10MHz	132322	16QAM	6	0	Low	1.3657	2.342	PASS
Band66	10MHz	132622	16QAM	6	0	High	1.3472	1.746	PASS
Band66	15MHz	132047	QPSK	6	0	Low	1.6027	3.115	PASS
Band66	15MHz	132322	QPSK	6	0	Low	1.5278	2.390	PASS
Band66	15MHz	132597	QPSK	6	0	High	1.5491	3.636	PASS
Band66	15MHz	132047	16QAM	6	0	Low	1.6112	3.382	PASS
Band66	15MHz	132322	16QAM	6	0	Low	1.5467	2.447	PASS
Band66	15MHz	132597	16QAM	6	0	High	1.5797	3.729	PASS
Band66	20MHz	132072	QPSK	6	0	Low	2.3130	5.270	PASS





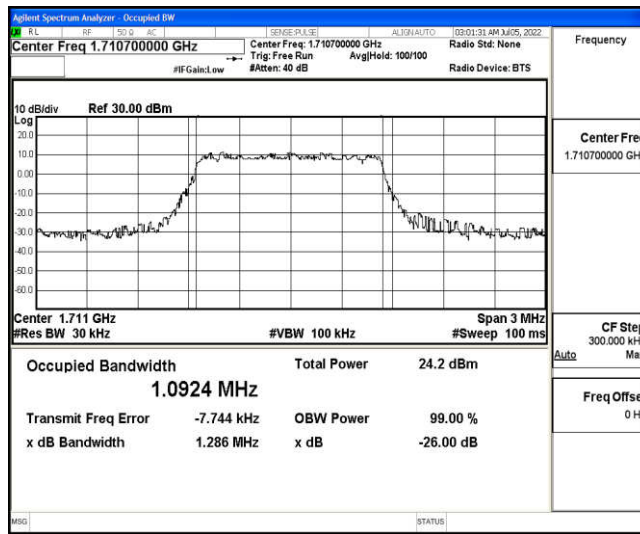
Band66	20MHz	132322	QPSK	6	0	Low	2.1818	4.242	PASS
Band66	20MHz	132572	QPSK	6	0	High	2.0795	4.178	PASS
Band66	20MHz	132072	16QAM	6	0	Low	2.1872	4.822	PASS
Band66	20MHz	132322	16QAM	6	0	Low	2.1499	4.660	PASS
Band66	20MHz	132572	16QAM	6	0	High	2.0105	4.458	PASS



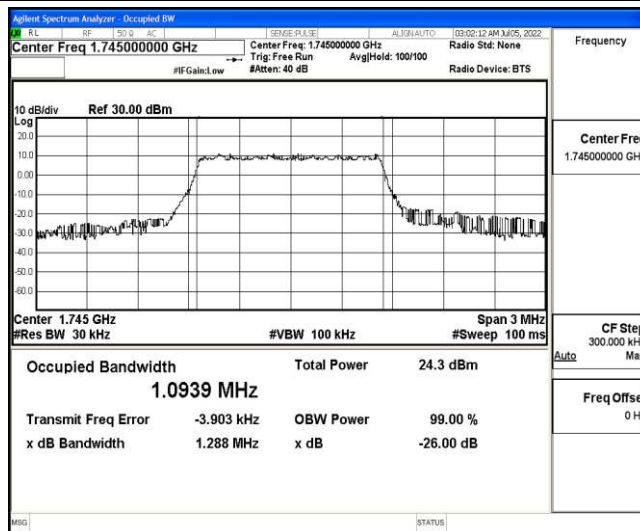
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### Test Graphs

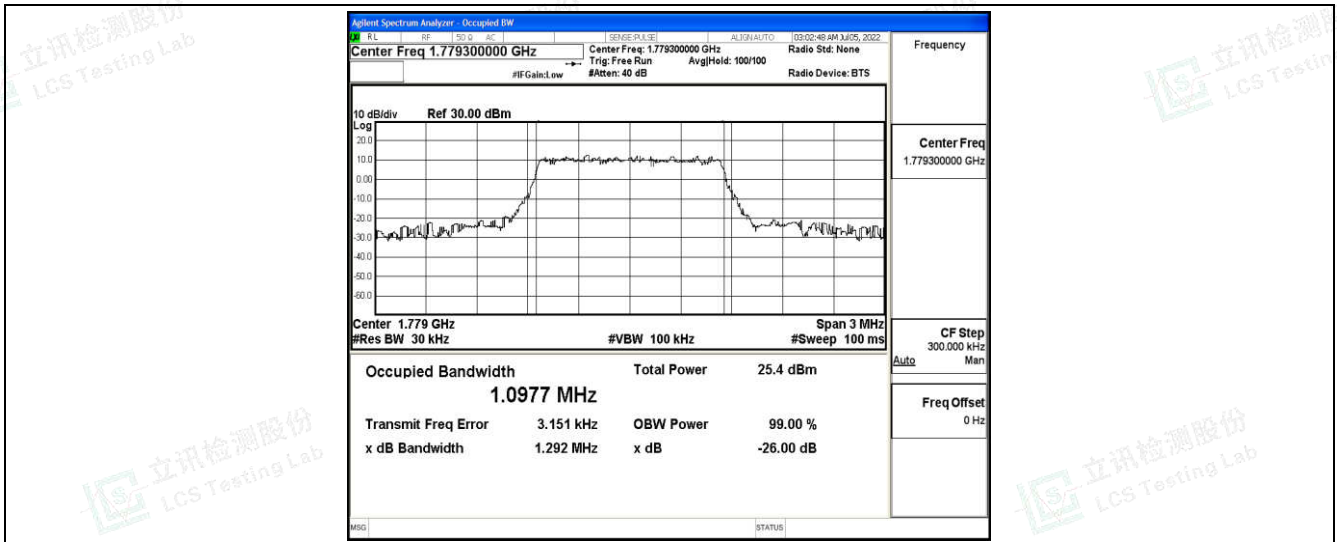


Band66-1.4MHz-QPSK-131979-6-0-Low-1.0924-1.286-PASS

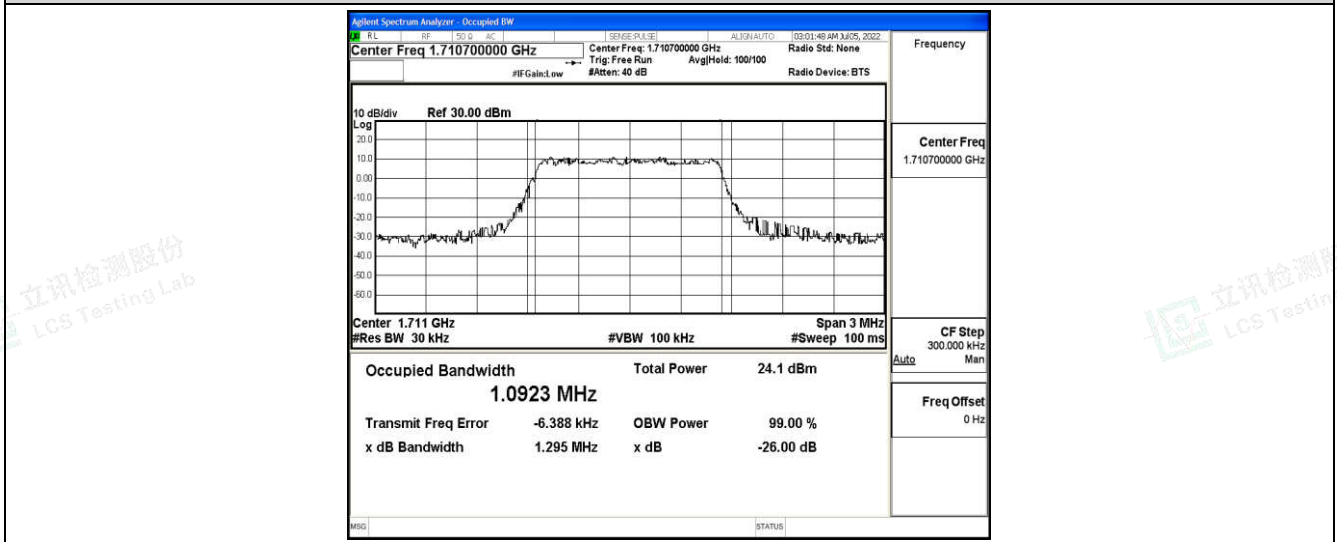


Band66-1.4MHz-QPSK-132322-6-0-Low-1.0939-1.288-PASS

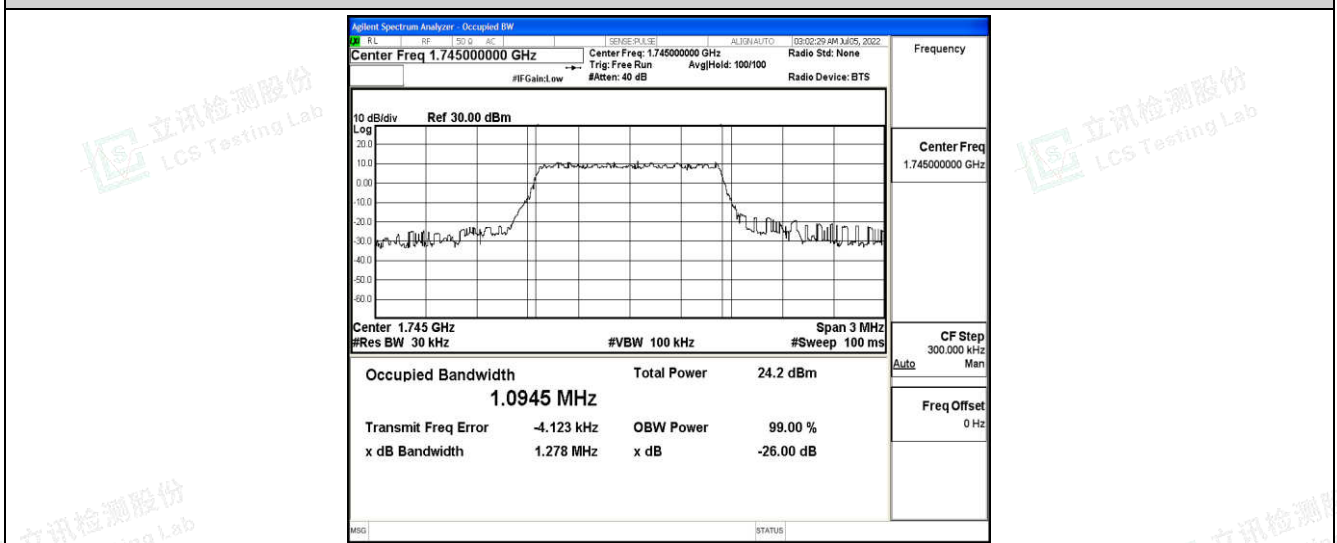




Band66-1.4MHz-QPSK-132665-6-0-High-1.0977-1.292-PASS

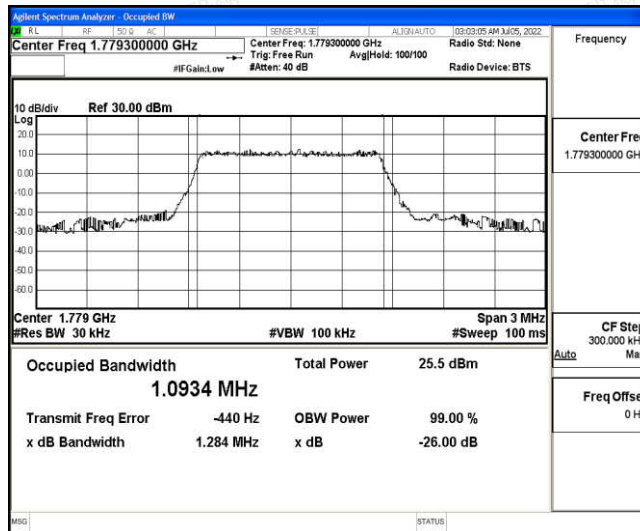


Band66-1.4MHz-16QAM-131979-6-0-Low-1.0923-1.295-PASS

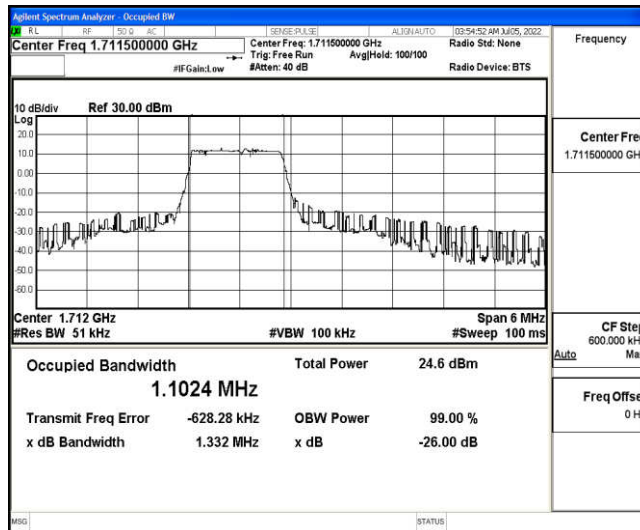


Band66-1.4MHz-16QAM-132322-6-0-Low-1.0945-1.278-PASS

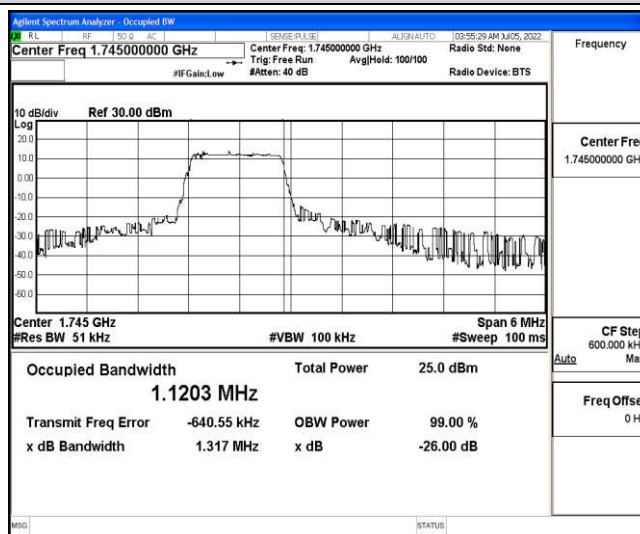




Band66-1.4MHz-16QAM-132665-6-0-High-1.0934-1.284-PASS



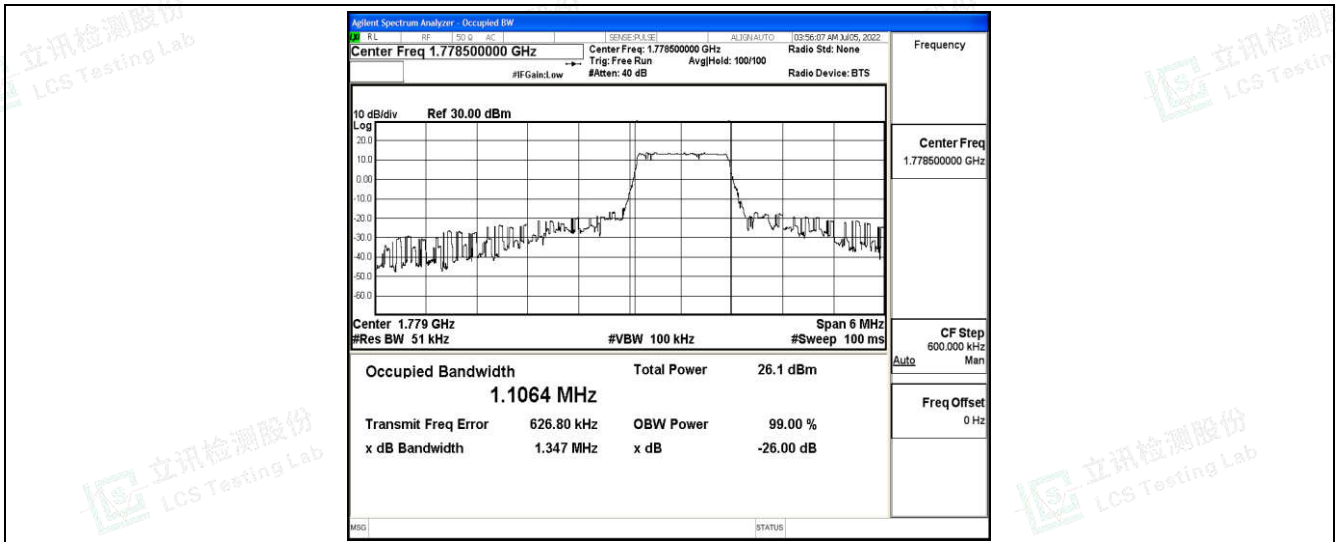
Band66-3MHz-QPSK-131987-6-0-Low-1.1024-1.332-PASS



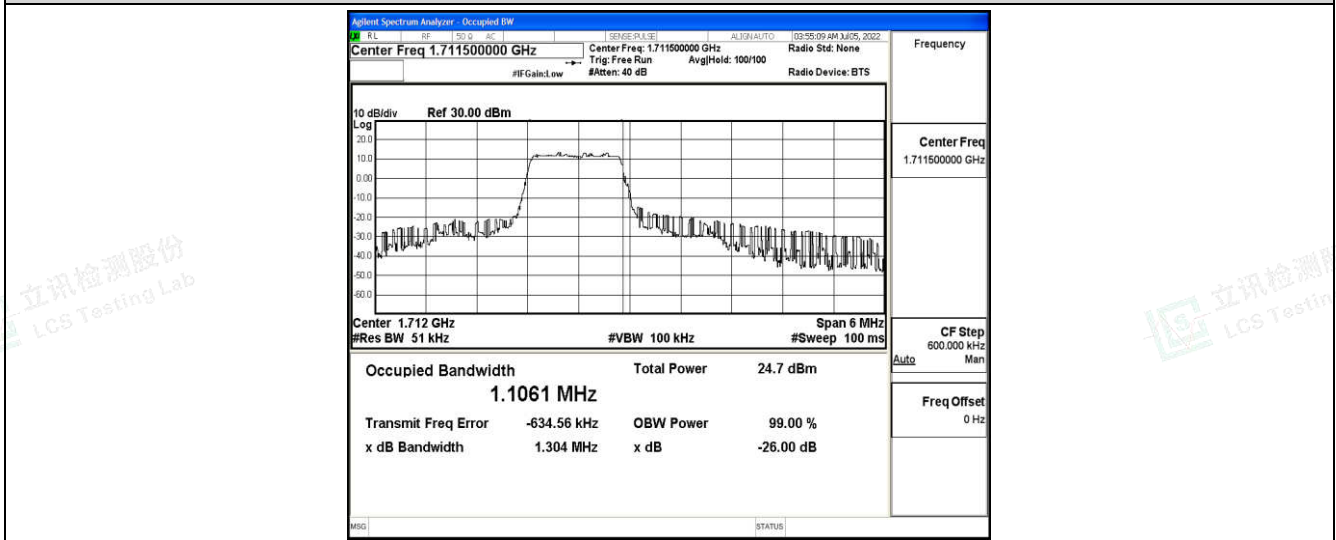
Band66-3MHz-QPSK-132322-6-0-Low-1.1203-1.317-PASS



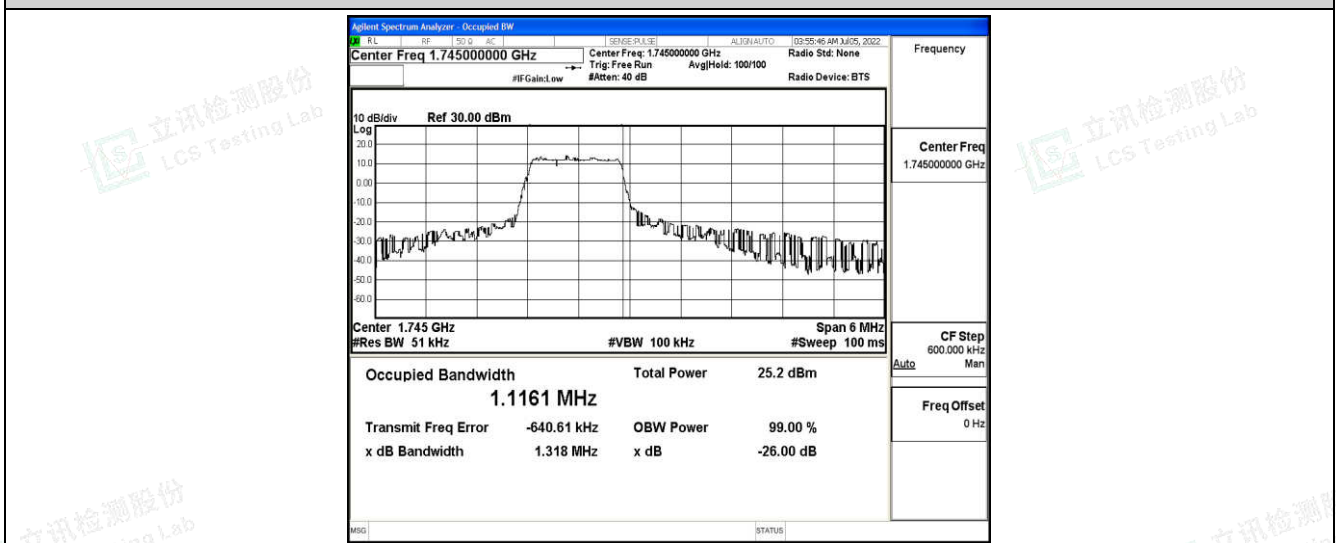




Band66-3MHz-QPSK-132657-6-0-High-1.1064-1.347-PASS

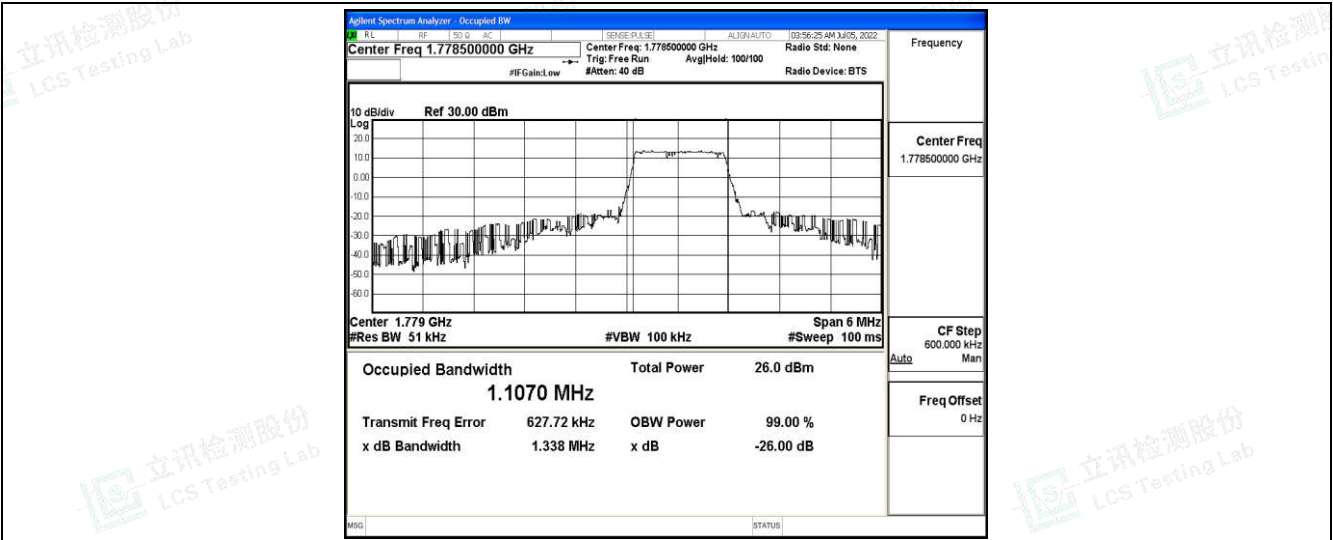


Band66-3MHz-16QAM-131987-6-0-Low-1.1061-1.304-PASS

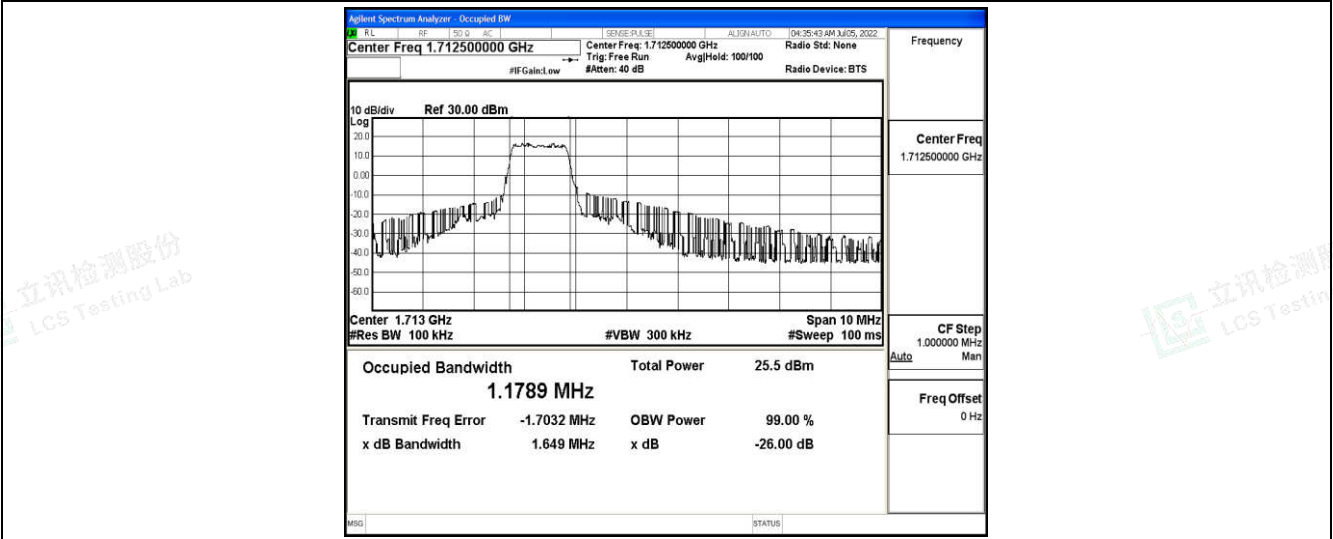


Band66-3MHz-16QAM-132322-6-0-Low-1.1161-1.318-PASS

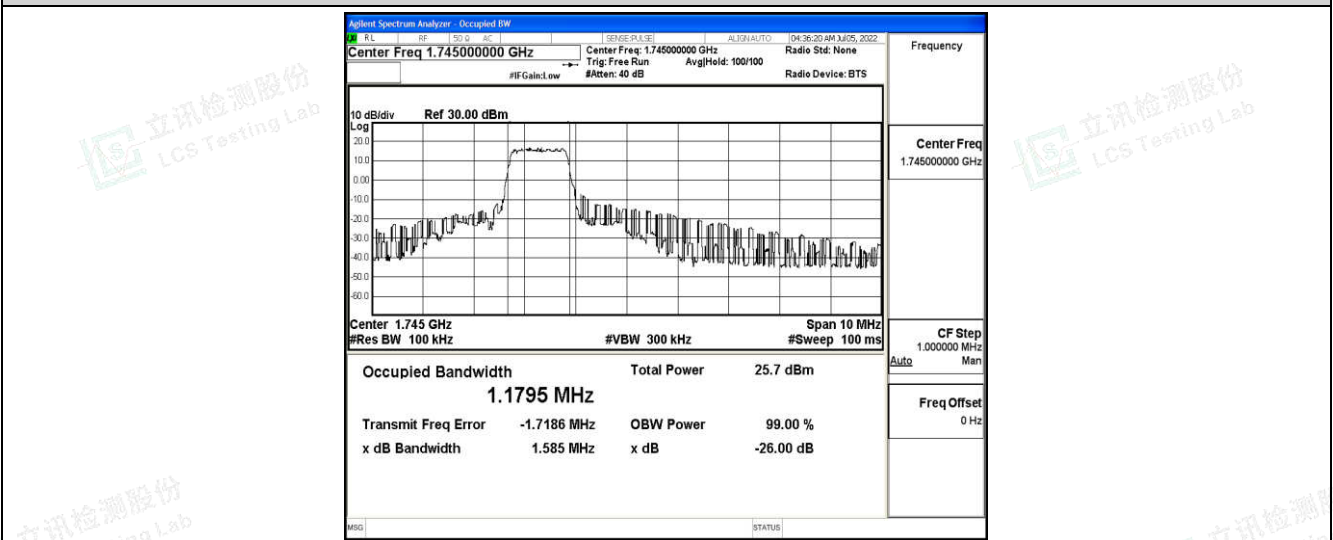




Band66-3MHz-16QAM-132657-6-0-High-1.1070-1.338-PASS

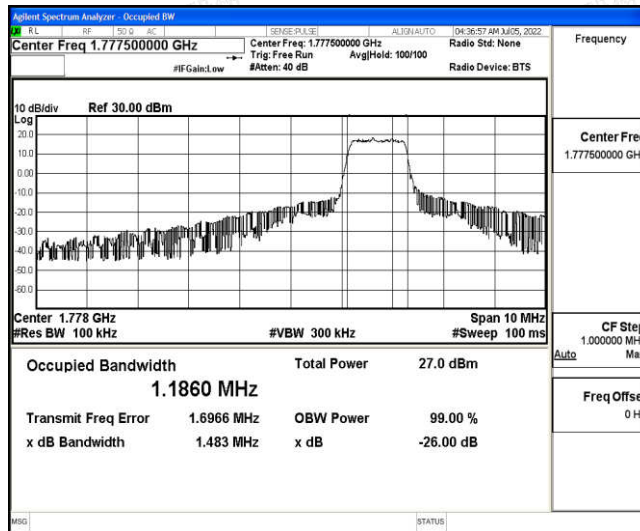


Band66-5MHz-QPSK-131997-6-0-Low-1.1789-1.649-PASS

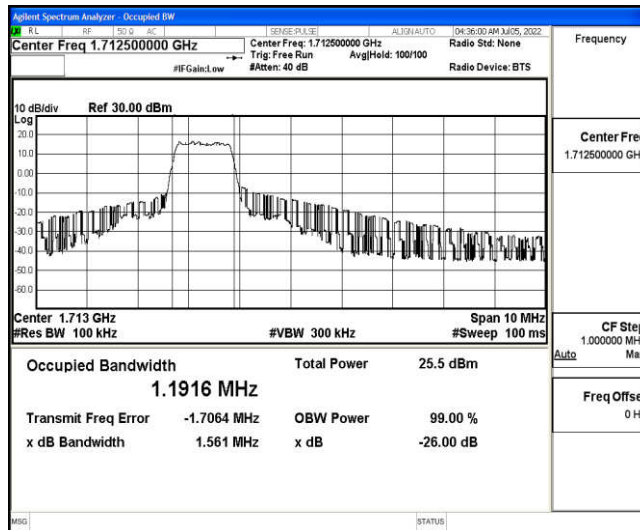


Band66-5MHz-QPSK-132322-6-0-Low-1.1795-1.585-PASS

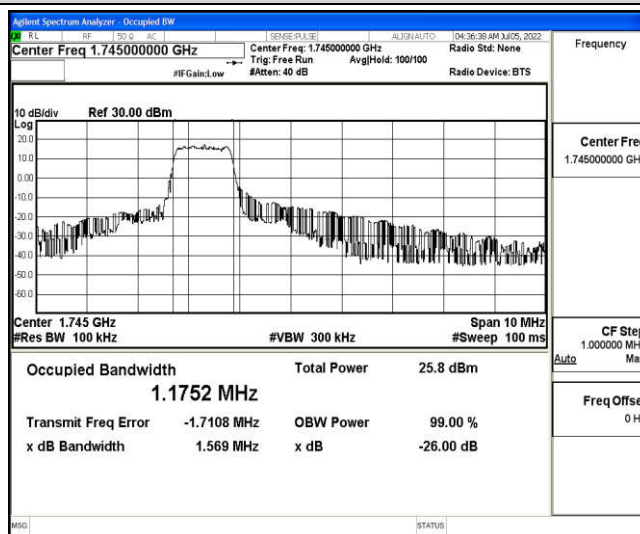




Band66-5MHz-QPSK-132647-6-0-High-1.1860-1.483-PASS

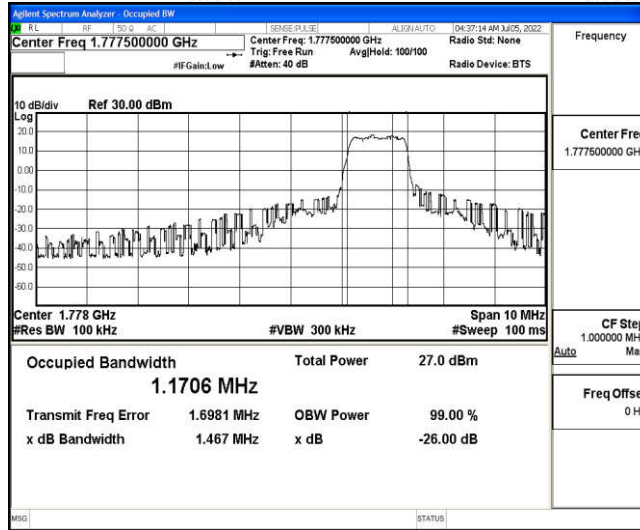


Band66-5MHz-16QAM-131997-6-0-Low-1.1916-1.561-PASS

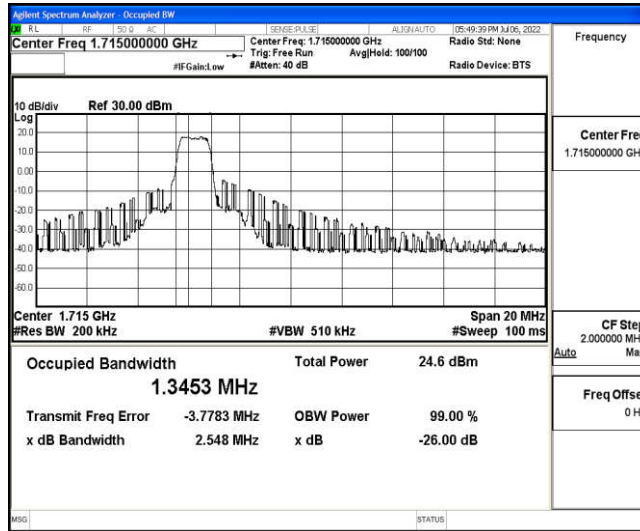


Band66-5MHz-16QAM-132322-6-0-Low-1.1752-1.569-PASS

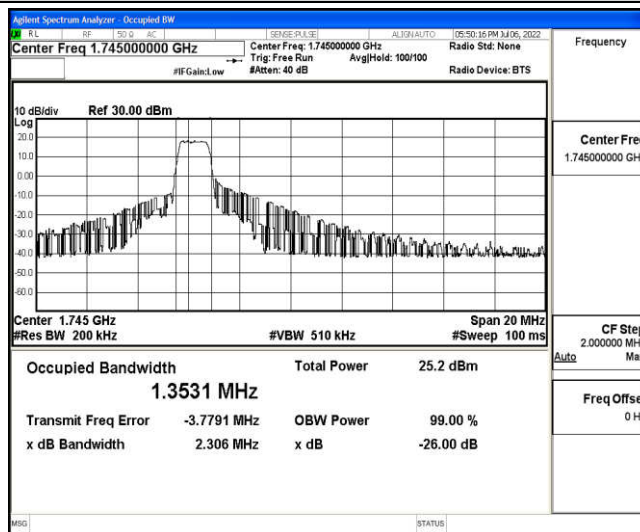




Band66-5MHz-16QAM-132647-6-0-High-1.1706-1.467-PASS

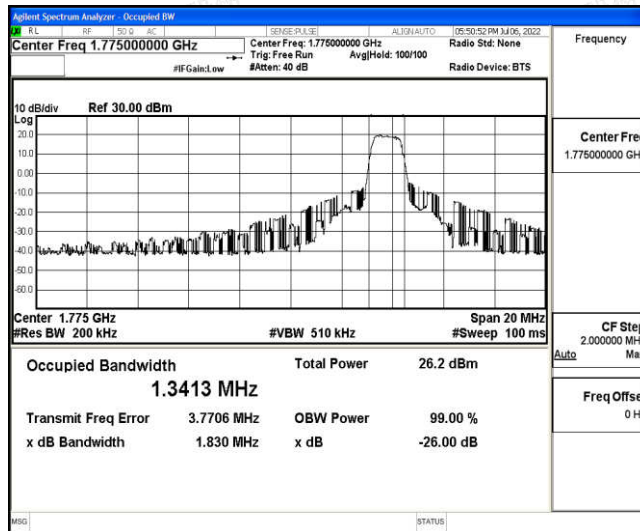


Band66-10MHz-QPSK-132022-6-0-Low-1.3453-2.548-PASS

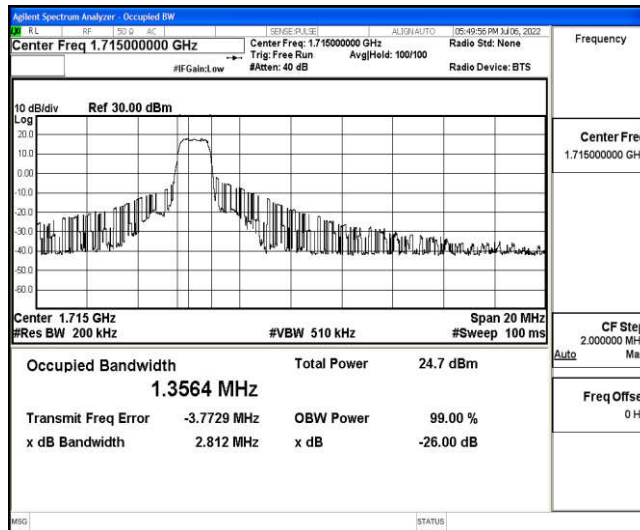


Band66-10MHz-QPSK-132322-6-0-Low-1.3531-2.306-PASS

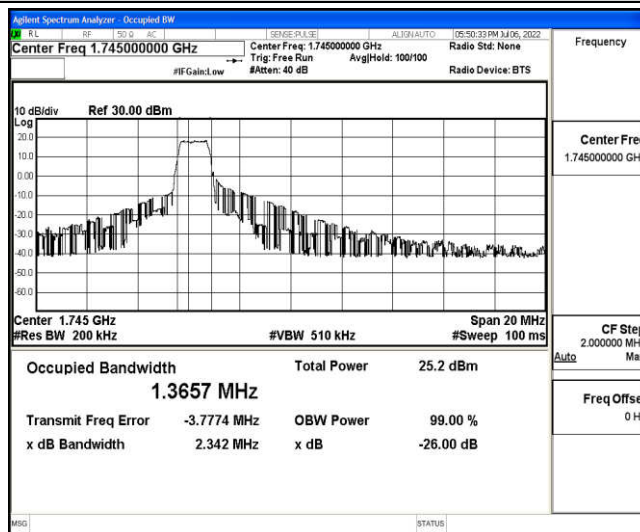




Band66-10MHz-QPSK-132622-6-0-High-1.3413-1.830-PASS



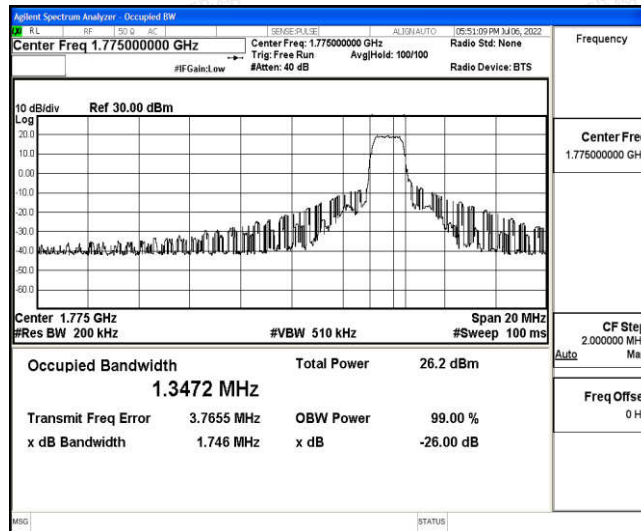
Band66-10MHz-16QAM-132022-6-0-Low-1.3564-2.812-PASS



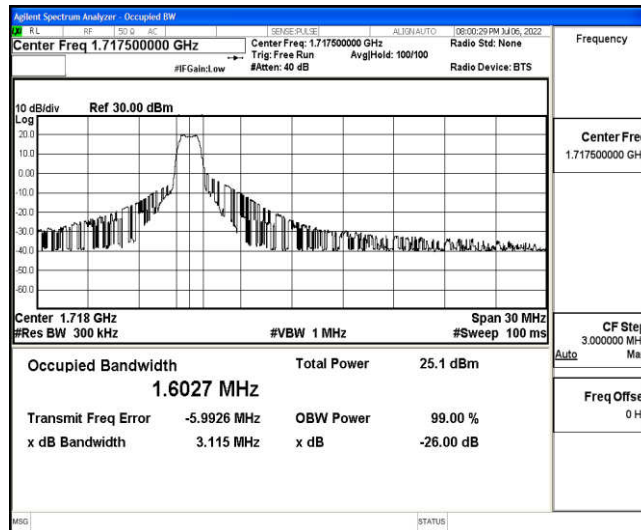
Band66-10MHz-16QAM-132322-6-0-Low-1.3657-2.342-PASS



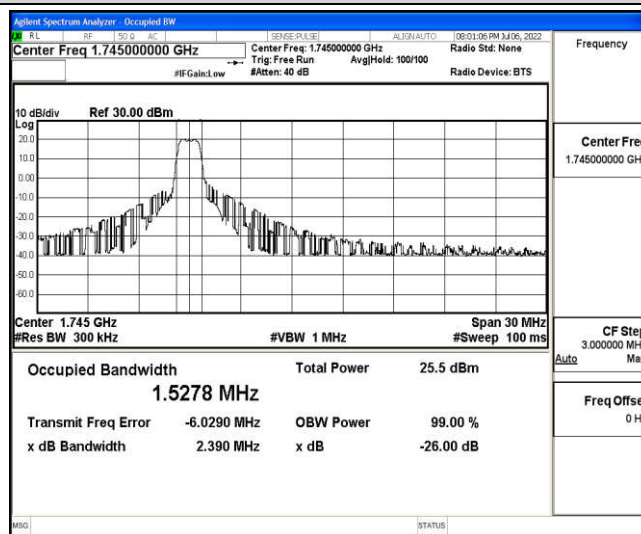
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Band66-10MHz-16QAM-132622-6-0-High-1.3472-1.746-PASS



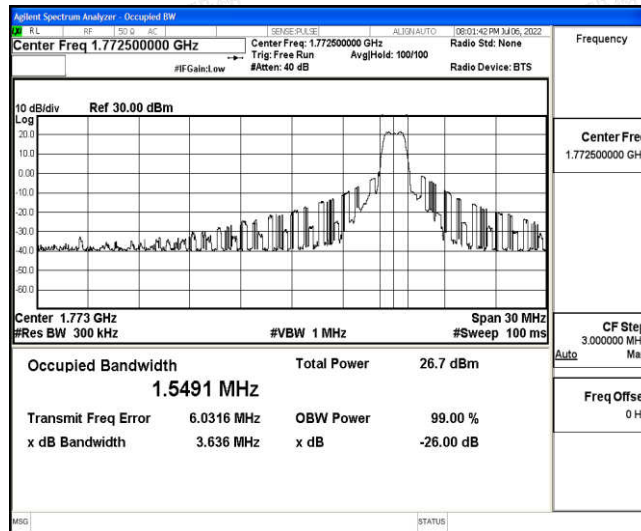
Band66-15MHz-QPSK-132047-6-0-Low-1.6027-3.115-PASS



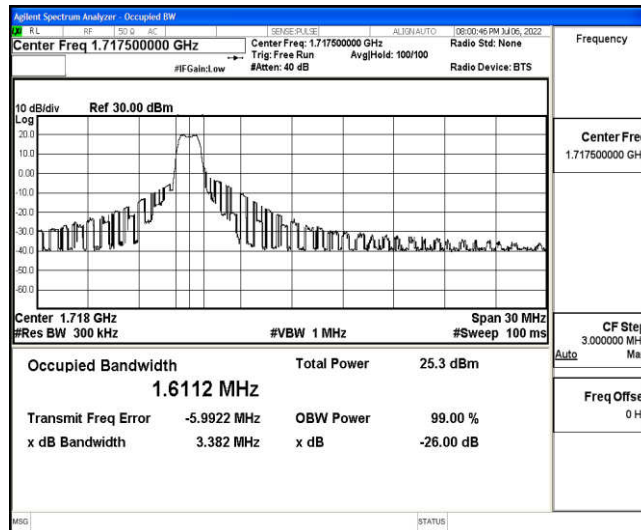
Band66-15MHz-QPSK-132322-6-0-Low-1.5278-2.390-PASS



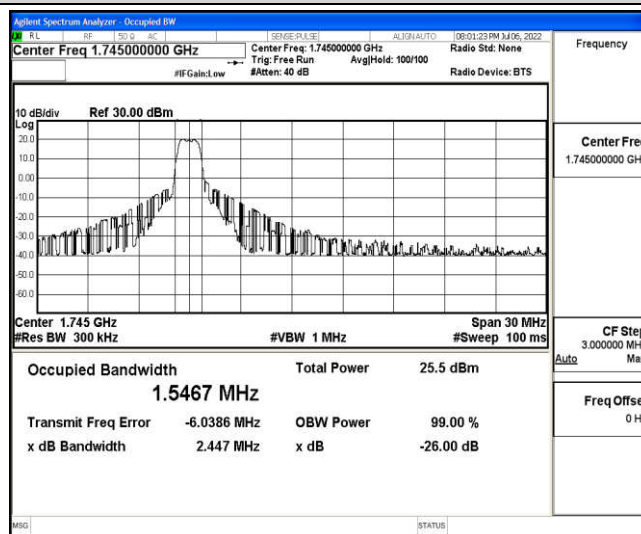
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Band66-15MHz-QPSK-132597-6-0-High-1.5491-3.636-PASS

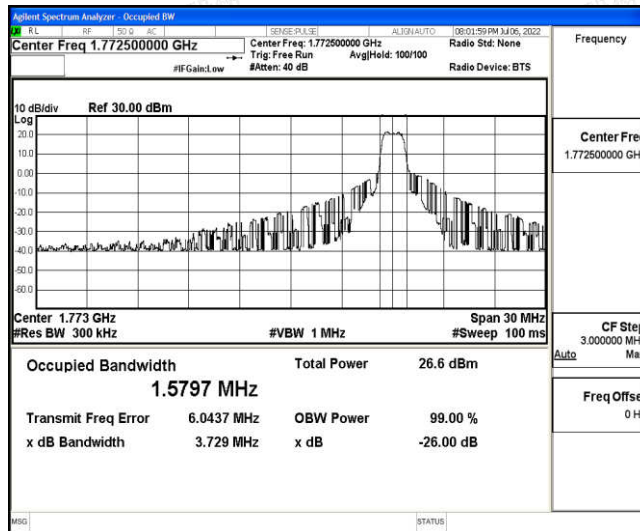


Band66-15MHz-16QAM-132047-6-0-Low-1.6112-3.382-PASS

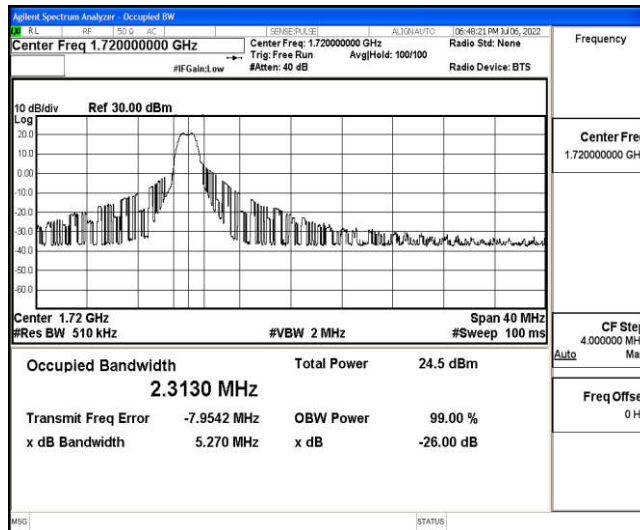


Band66-15MHz-16QAM-132322-6-0-Low-1.5467-2.447-PASS

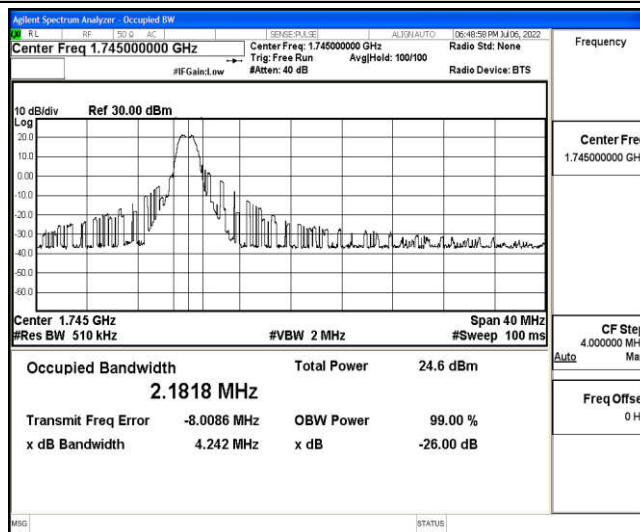




Band66-15MHz-16QAM-132597-6-0-High-1.5797-3.729-PASS



Band66-20MHz-QPSK-132072-6-0-Low-2.3130-5.270-PASS

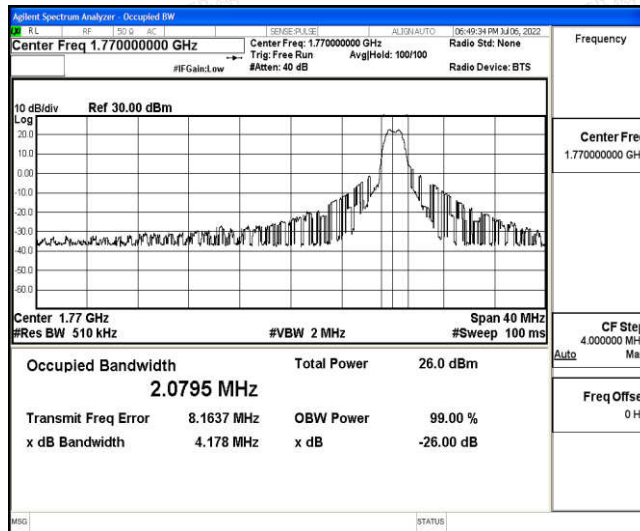


Band66-20MHz-QPSK-132322-6-0-Low-2.1818-4.242-PASS

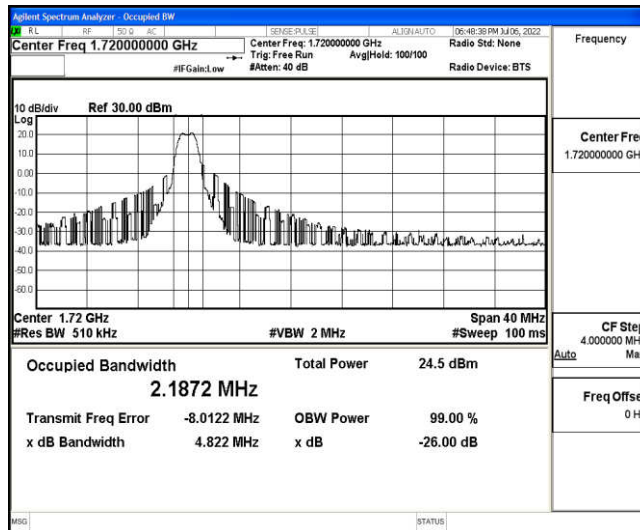


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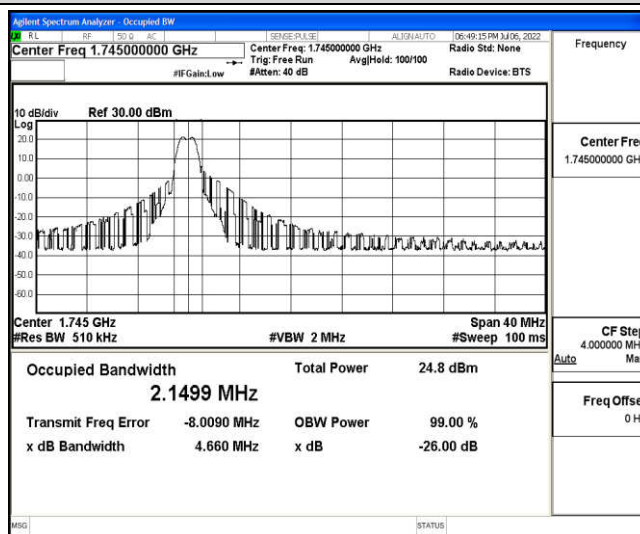




Band66-20MHz-QPSK-132572-6-0-High-2.0795-4.178-PASS

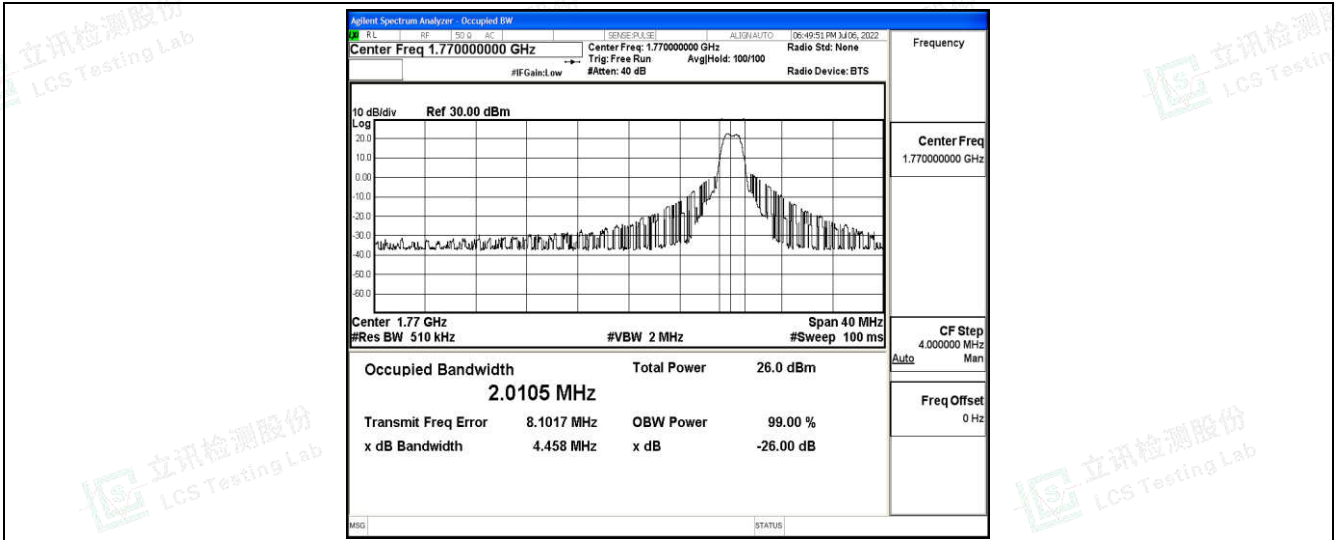


Band66-20MHz-16QAM-132072-6-0-Low-2.1872-4.822-PASS



Band66-20MHz-16QAM-132322-6-0-Low-2.1499-4.660-PASS





Band66-20MHz-16QAM-132572-6-0-High-2.0105-4.458-PASS



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### N.4 Band Edge for M1

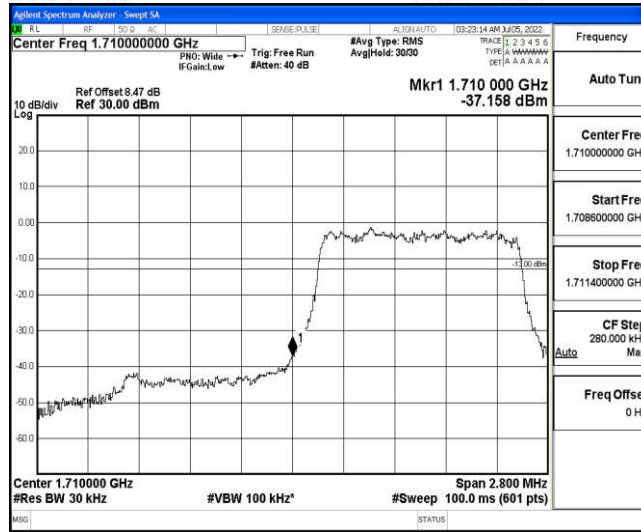
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band66	1.4MHz	131979	QPSK	6	0	Low	-37.16	PASS
Band66	1.4MHz	132665	QPSK	6	0	High	-34.17	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	-38.36	PASS
Band66	1.4MHz	132665	16QAM	6	0	High	-34.45	PASS
Band66	3MHz	131987	QPSK	6	0	Low	-39.54	PASS
Band66	3MHz	132657	QPSK	6	0	High	-34.57	PASS
Band66	3MHz	131987	16QAM	6	0	Low	-38.78	PASS
Band66	3MHz	132657	16QAM	6	0	High	-33.76	PASS
Band66	5MHz	131997	QPSK	6	0	Low	-33.37	PASS
Band66	5MHz	132647	QPSK	6	0	High	-32.09	PASS
Band66	5MHz	131997	16QAM	6	0	Low	-32.97	PASS
Band66	5MHz	132647	16QAM	6	0	High	-32.37	PASS
Band66	10MHz	132022	QPSK	6	0	Low	-32.90	PASS
Band66	10MHz	132622	QPSK	6	0	High	-29.50	PASS
Band66	10MHz	132022	16QAM	6	0	Low	-32.66	PASS
Band66	10MHz	132622	16QAM	6	0	High	-28.94	PASS
Band66	15MHz	132047	QPSK	6	0	Low	-28.37	PASS
Band66	15MHz	132597	QPSK	6	0	High	-25.46	PASS
Band66	15MHz	132047	16QAM	6	0	Low	-30.70	PASS
Band66	15MHz	132597	16QAM	6	0	High	-27.36	PASS
Band66	20MHz	132072	QPSK	6	0	Low	-31.37	PASS
Band66	20MHz	132572	QPSK	6	0	High	-29.75	PASS
Band66	20MHz	132072	16QAM	6	0	Low	-35.32	PASS
Band66	20MHz	132572	16QAM	6	0	High	-31.49	PASS

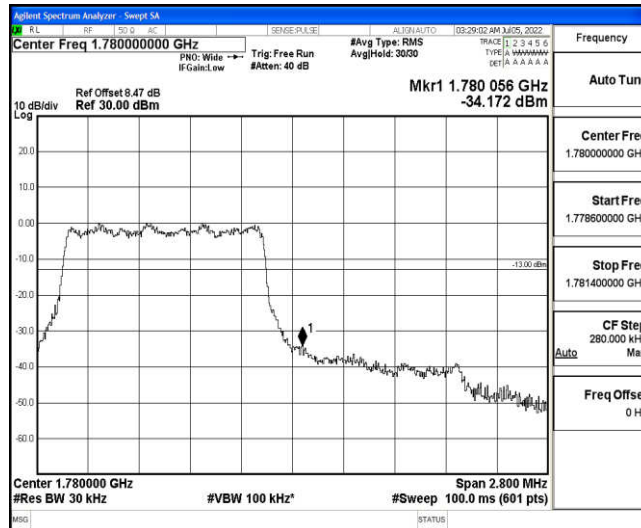




### Test Graphs

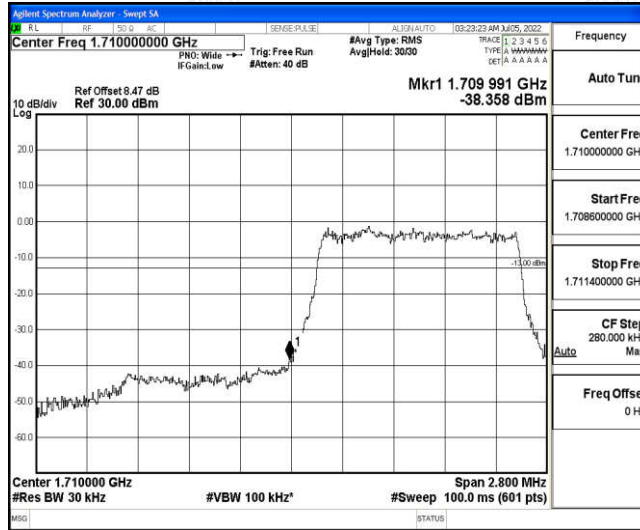


Band66-1.4MHz-QPSK-131979-6-0-Low--37.16-PASS

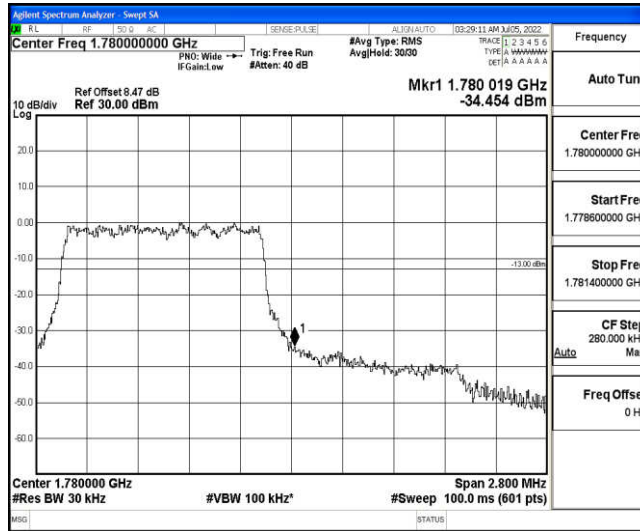


Band66-1.4MHz-QPSK-132665-6-0-High--34.17-PASS

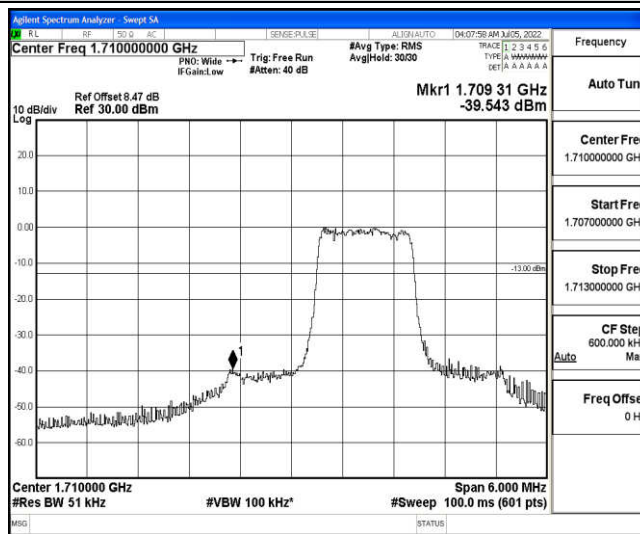




Band66-1.4MHz-16QAM-131979-6-0-Low--38.36-PASS



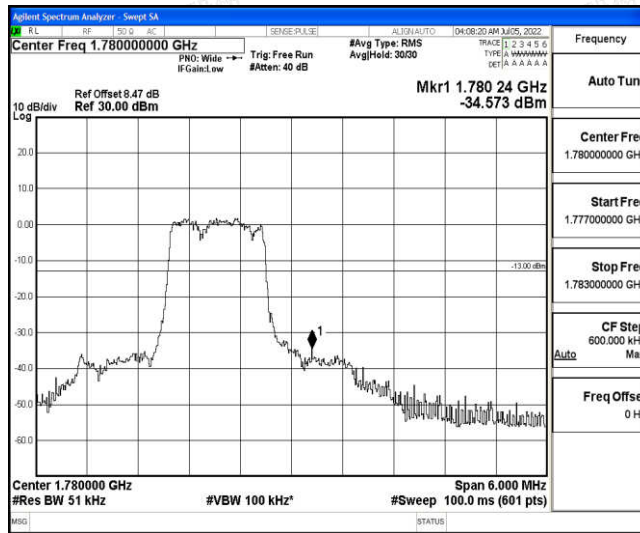
Band66-1.4MHz-16QAM-132665-6-0-High--34.45-PASS



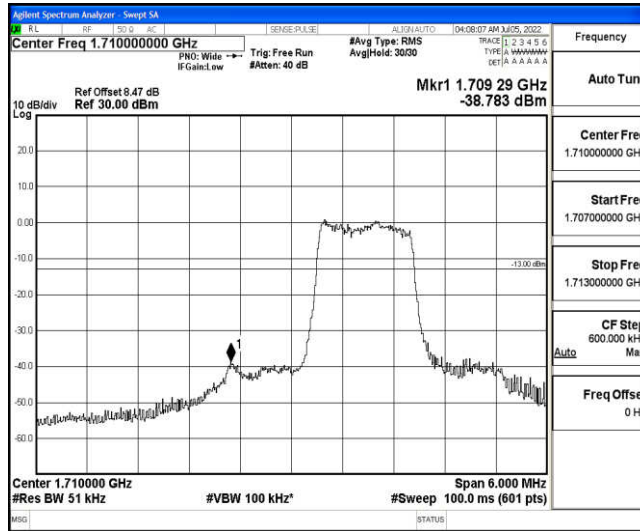
Band66-3MHz-QPSK-131987-6-0-Low--39.54-PASS



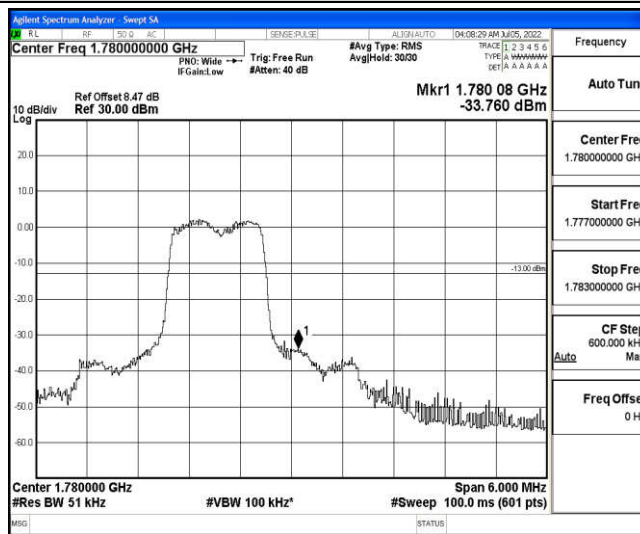
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Band66-3MHz-QPSK-132657-6-0-High--34.57-PASS

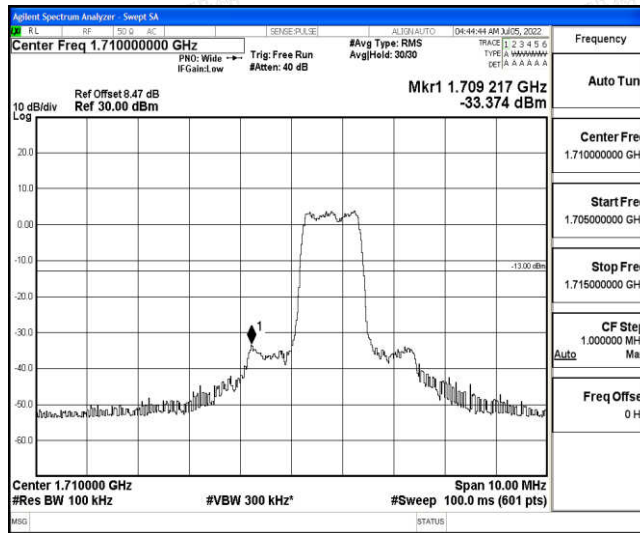


Band66-3MHz-16QAM-131987-6-0-Low--38.78-PASS

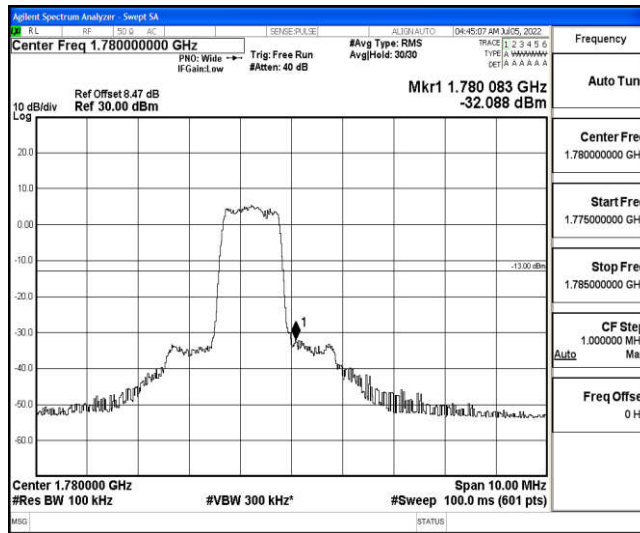


Band66-3MHz-16QAM-132657-6-0-High--33.76-PASS

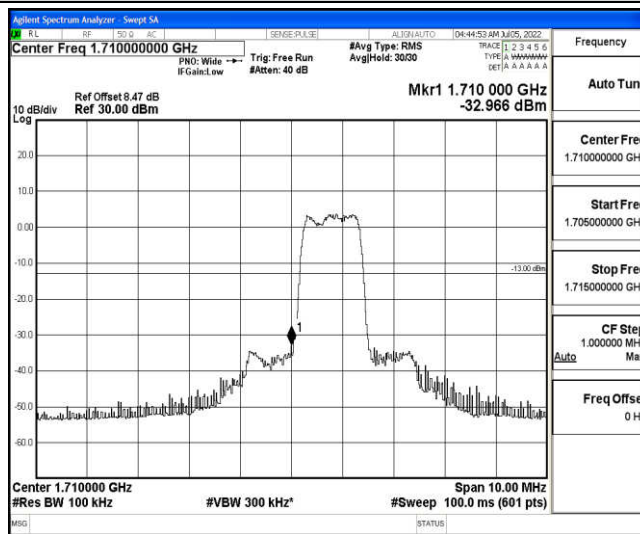




Band66-5MHz-QPSK-131997-6-0-Low--33.37-PASS



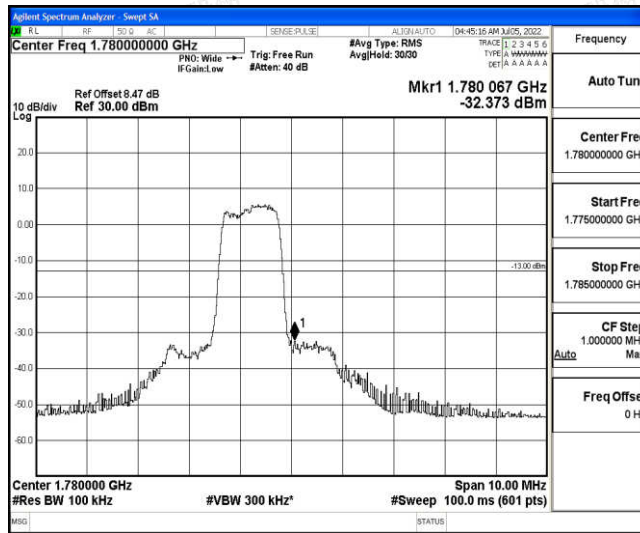
Band66-5MHz-QPSK-132647-6-0-High--32.09-PASS



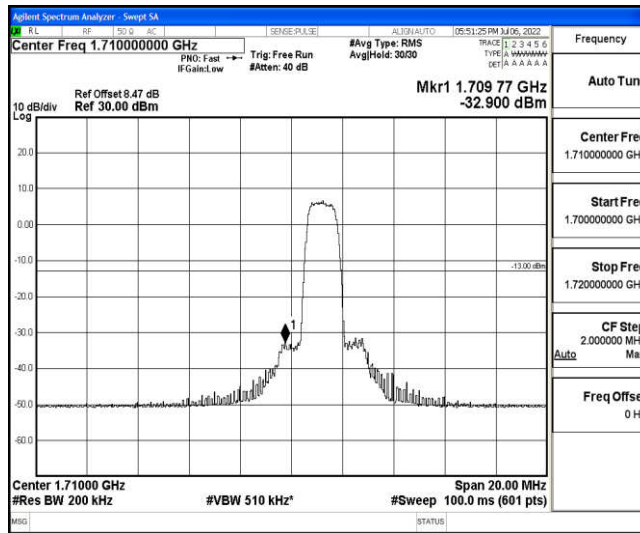
Band66-5MHz-16QAM-131997-6-0-Low--32.97-PASS



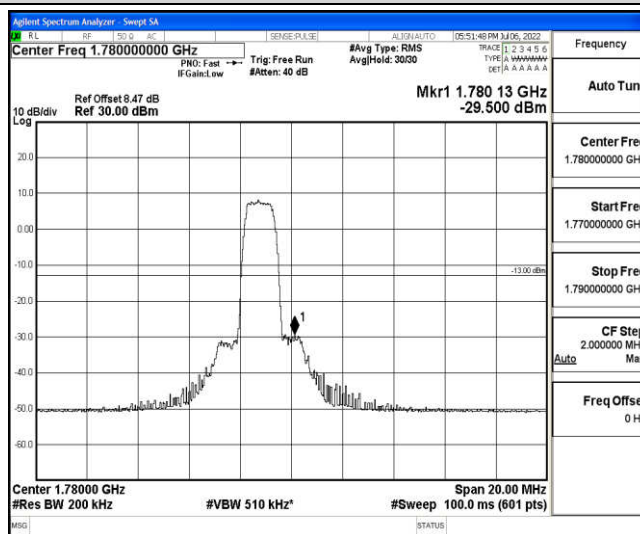
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Band66-5MHz-16QAM-132647-6-0-High--32.37-PASS



Band66-10MHz-QPSK-132022-6-0-Low--32.90-PASS



Band66-10MHz-QPSK-132622-6-0-High--29.50-PASS

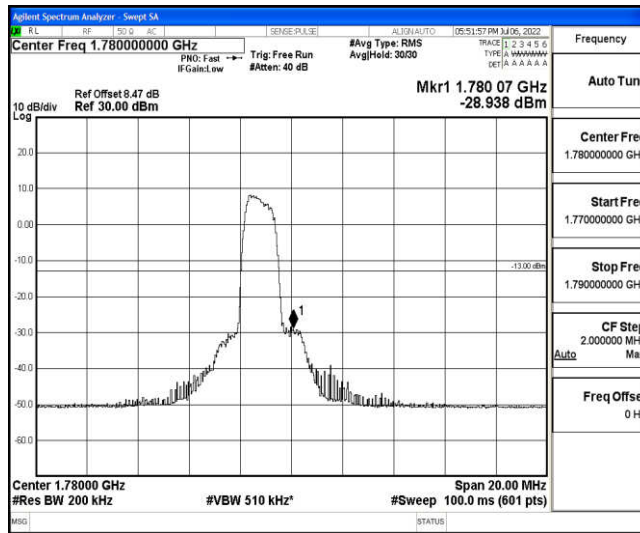


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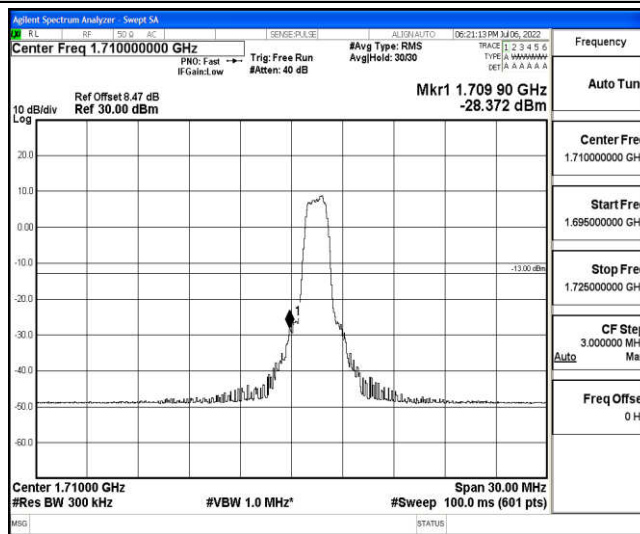




Band66-10MHz-16QAM-132022-6-0-Low--32.66-PASS



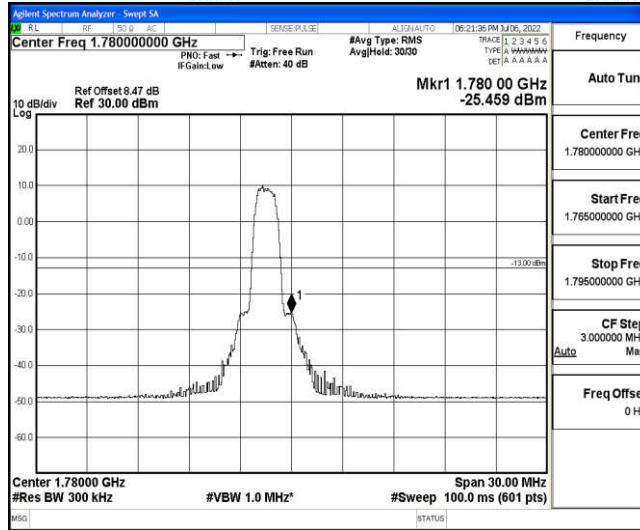
Band66-10MHz-16QAM-132622-6-0-High--28.94-PASS



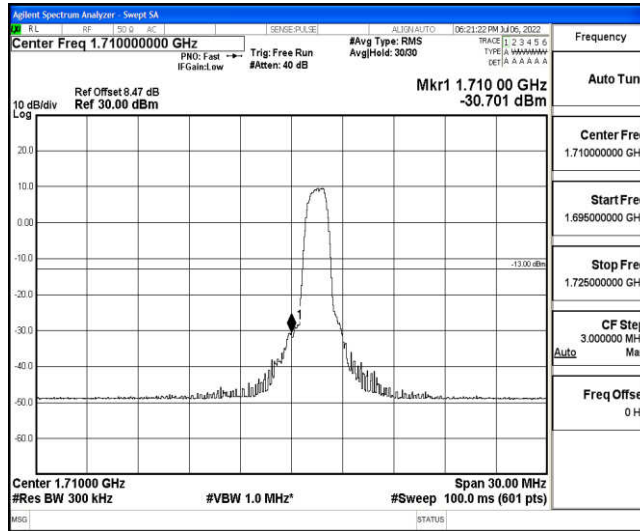
Band66-15MHz-QPSK-132047-6-0-Low--28.37-PASS



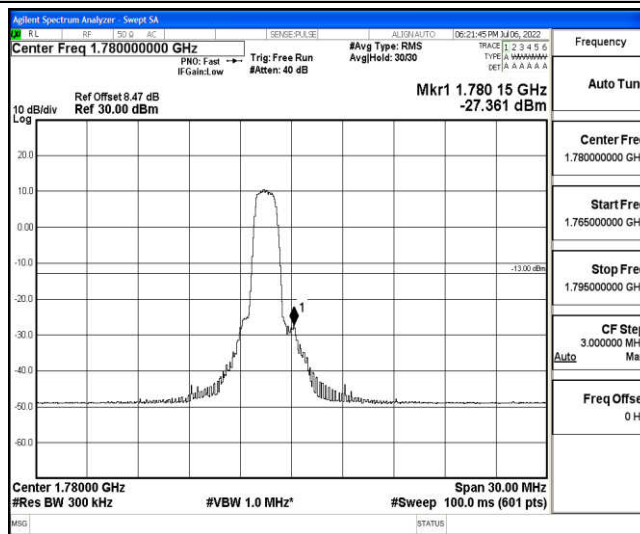
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 Scan code to check authenticity



Band66-15MHz-QPSK-132597-6-0-High--25.46-PASS



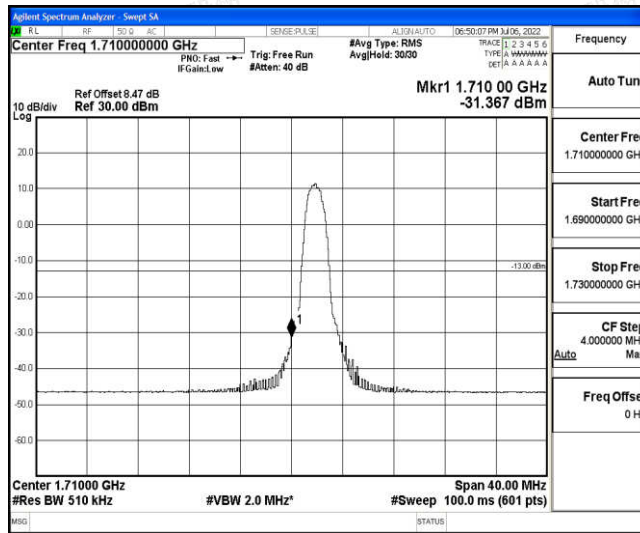
Band66-15MHz-16QAM-132047-6-0-Low--30.70-PASS



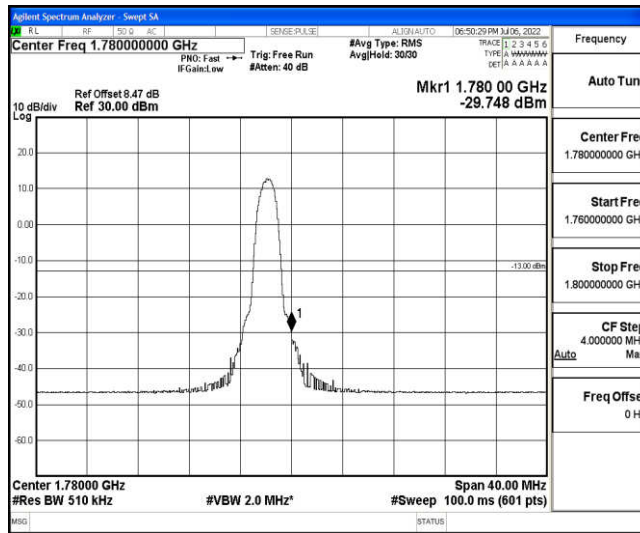
Band66-15MHz-16QAM-132597-6-0-High--27.36-PASS



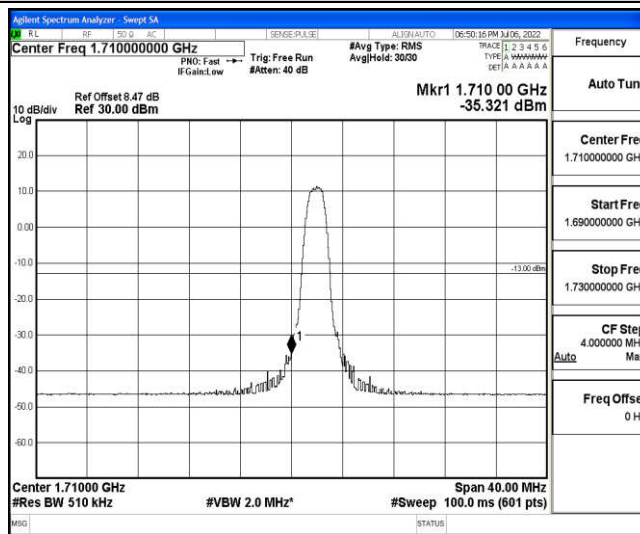
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Band66-20MHz-QPSK-132072-6-0-Low--31.37-PASS



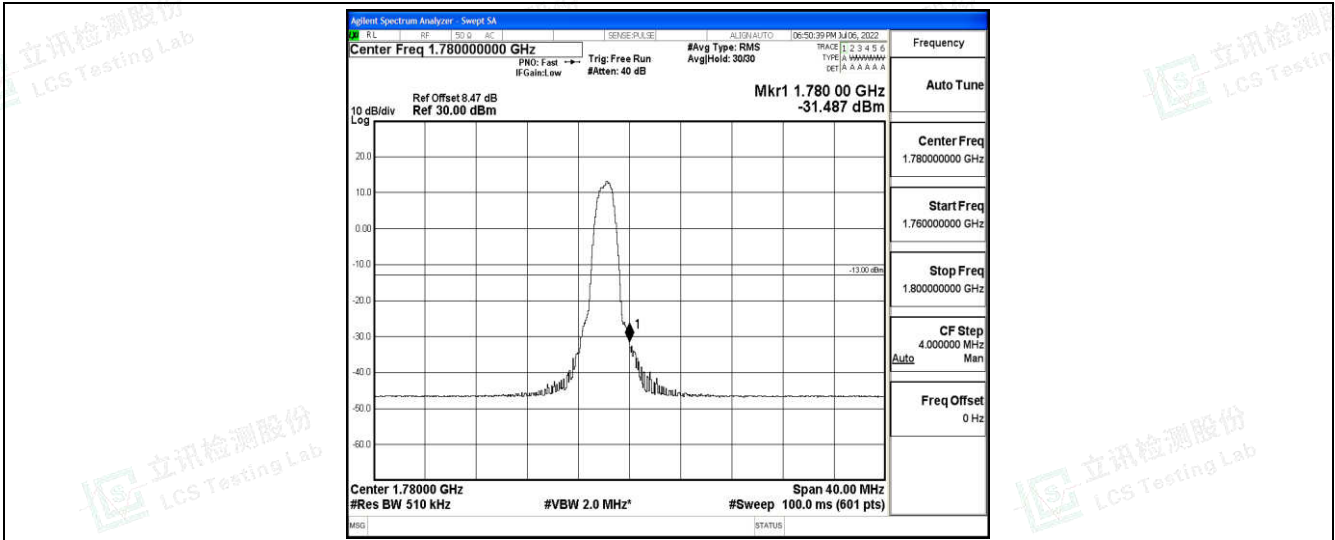
Band66-20MHz-QPSK-132572-6-0-High--29.75-PASS



Band66-20MHz-16QAM-132072-6-0-Low--35.32-PASS



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Band66-20MHz-16QAM-132572-6-0-High--31.49-PASS





### N.5 Conducted Spurious Emission for M1

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band66	1.4MHz	131979	QPSK	1	0	Low	30	1000	-35.93	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	1000	5000	-38.76	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	5000	12000	-57.72	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	12000	26500	-42.99	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	30	1000	-34.65	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	1000	5000	-39.81	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	5000	12000	-57.89	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	12000	26500	-42.89	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	30	1000	-36.04	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	1000	5000	-41.94	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	5000	12000	-57.85	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	12000	26500	-42.9	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	30	1000	-36.61	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	1000	5000	-39.06	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	5000	12000	-57.8	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	12000	26500	-43.02	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	30	1000	-35.08	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	1000	5000	-40.14	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	5000	12000	-57.8	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	12000	26500	-43.02	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	30	1000	-34.72	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	1000	5000	-42.06	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	5000	12000	-57.95	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	12000	26500	-42.9	PASS
Band66	3MHz	131987	QPSK	1	0	Low	30	1000	-35.8	PASS
Band66	3MHz	131987	QPSK	1	0	Low	1000	5000	-38.1	PASS
Band66	3MHz	131987	QPSK	1	0	Low	5000	12000	-57.87	PASS
Band66	3MHz	131987	QPSK	1	0	Low	12000	26500	-42.78	PASS
Band66	3MHz	132322	QPSK	1	0	Low	30	1000	-36.26	PASS
Band66	3MHz	132322	QPSK	1	0	Low	1000	5000	-39.65	PASS
Band66	3MHz	132322	QPSK	1	0	Low	5000	12000	-57.83	PASS
Band66	3MHz	132322	QPSK	1	0	Low	12000	26500	-43.09	PASS
Band66	3MHz	132657	QPSK	1	0	High	30	1000	-35.52	PASS



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Band66	3MHz	132657	QPSK	1	0	High	1000	5000	-42.16	PASS
Band66	3MHz	132657	QPSK	1	0	High	5000	12000	-57.74	PASS
Band66	3MHz	132657	QPSK	1	0	High	12000	26500	-42.97	PASS
Band66	3MHz	131987	16QAM	1	0	Low	30	1000	-35.91	PASS
Band66	3MHz	131987	16QAM	1	0	Low	1000	5000	-39.24	PASS
Band66	3MHz	131987	16QAM	1	0	Low	5000	12000	-57.76	PASS
Band66	3MHz	131987	16QAM	1	0	Low	12000	26500	-42.91	PASS
Band66	3MHz	132322	16QAM	1	0	Low	30	1000	-35.83	PASS
Band66	3MHz	132322	16QAM	1	0	Low	1000	5000	-40.62	PASS
Band66	3MHz	132322	16QAM	1	0	Low	5000	12000	-57.84	PASS
Band66	3MHz	132322	16QAM	1	0	Low	12000	26500	-43.03	PASS
Band66	3MHz	132657	16QAM	1	0	High	30	1000	-36.09	PASS
Band66	3MHz	132657	16QAM	1	0	High	1000	5000	-42.21	PASS
Band66	3MHz	132657	16QAM	1	0	High	5000	12000	-57.81	PASS
Band66	3MHz	132657	16QAM	1	0	High	12000	26500	-42.78	PASS
Band66	5MHz	131997	QPSK	1	0	Low	30	1000	-36.24	PASS
Band66	5MHz	131997	QPSK	1	0	Low	1000	5000	-37.54	PASS
Band66	5MHz	131997	QPSK	1	0	Low	5000	12000	-57.86	PASS
Band66	5MHz	131997	QPSK	1	0	Low	12000	26500	-42.97	PASS
Band66	5MHz	132322	QPSK	1	0	Low	30	1000	-36.44	PASS
Band66	5MHz	132322	QPSK	1	0	Low	1000	5000	-39.01	PASS
Band66	5MHz	132322	QPSK	1	0	Low	5000	12000	-57.53	PASS
Band66	5MHz	132322	QPSK	1	0	Low	12000	26500	-42.75	PASS
Band66	5MHz	132647	QPSK	1	0	High	30	1000	-35.58	PASS
Band66	5MHz	132647	QPSK	1	0	High	1000	5000	-42.04	PASS
Band66	5MHz	132647	QPSK	1	0	High	5000	12000	-57.93	PASS
Band66	5MHz	132647	QPSK	1	0	High	12000	26500	-43.01	PASS
Band66	5MHz	131997	16QAM	1	0	Low	30	1000	-36.06	PASS
Band66	5MHz	131997	16QAM	1	0	Low	1000	5000	-36.9	PASS
Band66	5MHz	131997	16QAM	1	0	Low	5000	12000	-57.7	PASS
Band66	5MHz	131997	16QAM	1	0	Low	12000	26500	-42.96	PASS
Band66	5MHz	132322	16QAM	1	0	Low	30	1000	-36.47	PASS
Band66	5MHz	132322	16QAM	1	0	Low	1000	5000	-38.96	PASS
Band66	5MHz	132322	16QAM	1	0	Low	5000	12000	-57.16	PASS
Band66	5MHz	132322	16QAM	1	0	Low	12000	26500	-43.15	PASS
Band66	5MHz	132647	16QAM	1	0	High	30	1000	-35.51	PASS
Band66	5MHz	132647	16QAM	1	0	High	1000	5000	-42.01	PASS
Band66	5MHz	132647	16QAM	1	0	High	5000	12000	-57.97	PASS
Band66	5MHz	132647	16QAM	1	0	High	12000	26500	-42.84	PASS
Band66	10MHz	132022	QPSK	1	0	Low	30	1000	-35.68	PASS





Band66	10MHz	132022	QPSK	1	0	Low	1000	5000	-37.38	PASS
Band66	10MHz	132022	QPSK	1	0	Low	5000	12000	-57.85	PASS
Band66	10MHz	132022	QPSK	1	0	Low	12000	26500	-42.94	PASS
Band66	10MHz	132322	QPSK	1	0	Low	30	1000	-35.43	PASS
Band66	10MHz	132322	QPSK	1	0	Low	1000	5000	-39.12	PASS
Band66	10MHz	132322	QPSK	1	0	Low	5000	12000	-58.01	PASS
Band66	10MHz	132322	QPSK	1	0	Low	12000	26500	-42.99	PASS
Band66	10MHz	132622	QPSK	1	0	High	30	1000	-35.8	PASS
Band66	10MHz	132622	QPSK	1	0	High	1000	5000	-42.01	PASS
Band66	10MHz	132622	QPSK	1	0	High	5000	12000	-57.9	PASS
Band66	10MHz	132622	QPSK	1	0	High	12000	26500	-43.14	PASS
Band66	10MHz	132022	16QAM	1	0	Low	30	1000	-35.9	PASS
Band66	10MHz	132022	16QAM	1	0	Low	1000	5000	-36.82	PASS
Band66	10MHz	132022	16QAM	1	0	Low	5000	12000	-57.7	PASS
Band66	10MHz	132022	16QAM	1	0	Low	12000	26500	-43.01	PASS
Band66	10MHz	132322	16QAM	1	0	Low	30	1000	-35.88	PASS
Band66	10MHz	132322	16QAM	1	0	Low	1000	5000	-39.43	PASS
Band66	10MHz	132322	16QAM	1	0	Low	5000	12000	-57.9	PASS
Band66	10MHz	132322	16QAM	1	0	Low	12000	26500	-42.91	PASS
Band66	10MHz	132622	16QAM	1	0	High	30	1000	-35.58	PASS
Band66	10MHz	132622	16QAM	1	0	High	1000	5000	-42.15	PASS
Band66	10MHz	132622	16QAM	1	0	High	5000	12000	-57.91	PASS
Band66	10MHz	132622	16QAM	1	0	High	12000	26500	-43.05	PASS
Band66	15MHz	132047	QPSK	1	0	Low	30	1000	-35.57	PASS
Band66	15MHz	132047	QPSK	1	0	Low	1000	5000	-38.99	PASS
Band66	15MHz	132047	QPSK	1	0	Low	5000	12000	-57.96	PASS
Band66	15MHz	132047	QPSK	1	0	Low	12000	26500	-42.84	PASS
Band66	15MHz	132322	QPSK	1	0	Low	30	1000	-35.87	PASS
Band66	15MHz	132322	QPSK	1	0	Low	1000	5000	-39.4	PASS
Band66	15MHz	132322	QPSK	1	0	Low	5000	12000	-57.87	PASS
Band66	15MHz	132322	QPSK	1	0	Low	12000	26500	-42.97	PASS
Band66	15MHz	132597	QPSK	1	0	High	30	1000	-36.07	PASS
Band66	15MHz	132597	QPSK	1	0	High	1000	5000	-41.96	PASS
Band66	15MHz	132597	QPSK	1	0	High	5000	12000	-57.82	PASS
Band66	15MHz	132597	QPSK	1	0	High	12000	26500	-43.08	PASS
Band66	15MHz	132047	16QAM	1	0	Low	30	1000	-35.84	PASS
Band66	15MHz	132047	16QAM	1	0	Low	1000	5000	-36.58	PASS
Band66	15MHz	132047	16QAM	1	0	Low	5000	12000	-57.56	PASS
Band66	15MHz	132047	16QAM	1	0	Low	12000	26500	-42.99	PASS
Band66	15MHz	132322	16QAM	1	0	Low	30	1000	-36.28	PASS





Band66	15MHz	132322	16QAM	1	0	Low	1000	5000	-39.58	PASS
Band66	15MHz	132322	16QAM	1	0	Low	5000	12000	-57.86	PASS
Band66	15MHz	132322	16QAM	1	0	Low	12000	26500	-43.06	PASS
Band66	15MHz	132597	16QAM	1	0	High	30	1000	-36.2	PASS
Band66	15MHz	132597	16QAM	1	0	High	1000	5000	-42.04	PASS
Band66	15MHz	132597	16QAM	1	0	High	5000	12000	-57.89	PASS
Band66	15MHz	132597	16QAM	1	0	High	12000	26500	-42.97	PASS
Band66	20MHz	132072	QPSK	1	0	Low	30	1000	-36.11	PASS
Band66	20MHz	132072	QPSK	1	0	Low	1000	5000	-37.75	PASS
Band66	20MHz	132072	QPSK	1	0	Low	5000	12000	-57.92	PASS
Band66	20MHz	132072	QPSK	1	0	Low	12000	26500	-43.04	PASS
Band66	20MHz	132322	QPSK	1	0	Low	30	1000	-35.03	PASS
Band66	20MHz	132322	QPSK	1	0	Low	1000	5000	-39.57	PASS
Band66	20MHz	132322	QPSK	1	0	Low	5000	12000	-57.85	PASS
Band66	20MHz	132322	QPSK	1	0	Low	12000	26500	-42.89	PASS
Band66	20MHz	132572	QPSK	1	0	High	30	1000	-36.27	PASS
Band66	20MHz	132572	QPSK	1	0	High	1000	5000	-42	PASS
Band66	20MHz	132572	QPSK	1	0	High	5000	12000	-57.84	PASS
Band66	20MHz	132572	QPSK	1	0	High	12000	26500	-43.1	PASS
Band66	20MHz	132072	16QAM	1	0	Low	30	1000	-36.02	PASS
Band66	20MHz	132072	16QAM	1	0	Low	1000	5000	-37.04	PASS
Band66	20MHz	132072	16QAM	1	0	Low	5000	12000	-57.93	PASS
Band66	20MHz	132072	16QAM	1	0	Low	12000	26500	-42.9	PASS
Band66	20MHz	132322	16QAM	1	0	Low	30	1000	-34.96	PASS
Band66	20MHz	132322	16QAM	1	0	Low	1000	5000	-39.53	PASS
Band66	20MHz	132322	16QAM	1	0	Low	5000	12000	-57.77	PASS
Band66	20MHz	132322	16QAM	1	0	Low	12000	26500	-43.02	PASS
Band66	20MHz	132572	16QAM	1	0	High	30	1000	-36.04	PASS
Band66	20MHz	132572	16QAM	1	0	High	1000	5000	-41.97	PASS
Band66	20MHz	132572	16QAM	1	0	High	5000	12000	-57.71	PASS
Band66	20MHz	132572	16QAM	1	0	High	12000	26500	-42.97	PASS

