



Appendix L: Test Data for E-UTRA Band 66

Product Name: Smartphone

Test Model: Hyline Pro

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



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L.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	21.40	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.60	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	21.34	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.52	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	21.39	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.63	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	21.40	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	20.48	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	21.42	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	20.50	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	21.42	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	20.47	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	20.62	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	19.91	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	21.28	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	20.43	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	21.23	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	20.39	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.23	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	20.42	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	21.20	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	20.29	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	21.21	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	20.28	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	21.19	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	20.25	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	20.40	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.83	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.03	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	20.46	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.04	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	20.50	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.03	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.49	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	21.06	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	20.14	PASS



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Band66	1.4MHz	QPSK	132665	3RB#1	21.08	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.12	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	21.09	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	20.11	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	20.22	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	19.55	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.34	PASS
Band66	3MHz	16QAM	131987	1RB#0	20.76	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.37	PASS
Band66	3MHz	16QAM	131987	1RB#8	20.82	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.33	PASS
Band66	3MHz	16QAM	131987	1RB#14	20.72	PASS
Band66	3MHz	QPSK	131987	8RB#0	20.62	PASS
Band66	3MHz	16QAM	131987	8RB#0	19.99	PASS
Band66	3MHz	QPSK	131987	8RB#4	20.65	PASS
Band66	3MHz	16QAM	131987	8RB#4	19.99	PASS
Band66	3MHz	QPSK	131987	8RB#7	20.57	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	20.64	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.01	PASS
Band66	3MHz	QPSK	132322	1RB#0	21.22	PASS
Band66	3MHz	16QAM	132322	1RB#0	20.46	PASS
Band66	3MHz	QPSK	132322	1RB#8	21.25	PASS
Band66	3MHz	16QAM	132322	1RB#8	20.41	PASS
Band66	3MHz	QPSK	132322	1RB#14	21.27	PASS
Band66	3MHz	16QAM	132322	1RB#14	20.44	PASS
Band66	3MHz	QPSK	132322	8RB#0	20.52	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	20.52	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	20.33	PASS
Band66	3MHz	16QAM	132322	8RB#7	19.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	20.43	PASS
Band66	3MHz	16QAM	132322	15RB#0	19.68	PASS
Band66	3MHz	QPSK	132657	1RB#0	20.93	PASS
Band66	3MHz	16QAM	132657	1RB#0	20.30	PASS
Band66	3MHz	QPSK	132657	1RB#8	20.90	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.34	PASS
Band66	3MHz	QPSK	132657	1RB#14	20.91	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.35	PASS



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Band66	3MHz	QPSK	132657	8RB#0	20.30	PASS
Band66	3MHz	16QAM	132657	8RB#0	19.73	PASS
Band66	3MHz	QPSK	132657	8RB#4	20.29	PASS
Band66	3MHz	16QAM	132657	8RB#4	19.73	PASS
Band66	3MHz	QPSK	132657	8RB#7	20.35	PASS
Band66	3MHz	16QAM	132657	8RB#7	19.77	PASS
Band66	3MHz	QPSK	132657	15RB#0	20.30	PASS
Band66	3MHz	16QAM	132657	15RB#0	19.71	PASS
Band66	5MHz	QPSK	131997	1RB#0	21.50	PASS
Band66	5MHz	16QAM	131997	1RB#0	20.20	PASS
Band66	5MHz	QPSK	131997	1RB#12	21.46	PASS
Band66	5MHz	16QAM	131997	1RB#12	20.22	PASS
Band66	5MHz	QPSK	131997	1RB#24	21.40	PASS
Band66	5MHz	16QAM	131997	1RB#24	20.11	PASS
Band66	5MHz	QPSK	131997	12RB#0	20.73	PASS
Band66	5MHz	16QAM	131997	12RB#0	19.97	PASS
Band66	5MHz	QPSK	131997	12RB#6	20.74	PASS
Band66	5MHz	16QAM	131997	12RB#6	19.97	PASS
Band66	5MHz	QPSK	131997	12RB#13	20.67	PASS
Band66	5MHz	16QAM	131997	12RB#13	19.97	PASS
Band66	5MHz	QPSK	131997	25RB#0	20.71	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.05	PASS
Band66	5MHz	QPSK	132322	1RB#0	20.89	PASS
Band66	5MHz	16QAM	132322	1RB#0	20.75	PASS
Band66	5MHz	QPSK	132322	1RB#12	20.93	PASS
Band66	5MHz	16QAM	132322	1RB#12	20.76	PASS
Band66	5MHz	QPSK	132322	1RB#24	21.01	PASS
Band66	5MHz	16QAM	132322	1RB#24	20.82	PASS
Band66	5MHz	QPSK	132322	12RB#0	20.44	PASS
Band66	5MHz	16QAM	132322	12RB#0	19.76	PASS
Band66	5MHz	QPSK	132322	12RB#6	20.44	PASS
Band66	5MHz	16QAM	132322	12RB#6	19.76	PASS
Band66	5MHz	QPSK	132322	12RB#13	20.53	PASS
Band66	5MHz	16QAM	132322	12RB#13	19.77	PASS
Band66	5MHz	QPSK	132322	25RB#0	20.52	PASS
Band66	5MHz	16QAM	132322	25RB#0	19.80	PASS
Band66	5MHz	QPSK	132647	1RB#0	21.14	PASS
Band66	5MHz	16QAM	132647	1RB#0	19.82	PASS
Band66	5MHz	QPSK	132647	1RB#12	21.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	19.97	PASS



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Band66	5MHz	QPSK	132647	1RB#24	20.98	PASS
Band66	5MHz	16QAM	132647	1RB#24	19.80	PASS
Band66	5MHz	QPSK	132647	12RB#0	20.28	PASS
Band66	5MHz	16QAM	132647	12RB#0	19.64	PASS
Band66	5MHz	QPSK	132647	12RB#6	20.36	PASS
Band66	5MHz	16QAM	132647	12RB#6	19.64	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.39	PASS
Band66	5MHz	16QAM	132647	12RB#13	19.62	PASS
Band66	5MHz	QPSK	132647	25RB#0	20.44	PASS
Band66	5MHz	16QAM	132647	25RB#0	19.75	PASS
Band66	10MHz	QPSK	132022	1RB#0	21.35	PASS
Band66	10MHz	16QAM	132022	1RB#0	20.80	PASS
Band66	10MHz	QPSK	132022	1RB#24	21.34	PASS
Band66	10MHz	16QAM	132022	1RB#24	20.70	PASS
Band66	10MHz	QPSK	132022	1RB#49	21.29	PASS
Band66	10MHz	16QAM	132022	1RB#49	20.65	PASS
Band66	10MHz	QPSK	132022	25RB#0	20.65	PASS
Band66	10MHz	16QAM	132022	25RB#0	19.94	PASS
Band66	10MHz	QPSK	132022	25RB#12	20.68	PASS
Band66	10MHz	16QAM	132022	25RB#12	19.87	PASS
Band66	10MHz	QPSK	132022	25RB#25	20.57	PASS
Band66	10MHz	16QAM	132022	25RB#25	19.89	PASS
Band66	10MHz	QPSK	132022	50RB#0	20.63	PASS
Band66	10MHz	16QAM	132022	50RB#0	19.94	PASS
Band66	10MHz	QPSK	132322	1RB#0	21.18	PASS
Band66	10MHz	16QAM	132322	1RB#0	20.49	PASS
Band66	10MHz	QPSK	132322	1RB#24	21.16	PASS
Band66	10MHz	16QAM	132322	1RB#24	20.47	PASS
Band66	10MHz	QPSK	132322	1RB#49	21.33	PASS
Band66	10MHz	16QAM	132322	1RB#49	20.56	PASS
Band66	10MHz	QPSK	132322	25RB#0	20.53	PASS
Band66	10MHz	16QAM	132322	25RB#0	19.92	PASS
Band66	10MHz	QPSK	132322	25RB#12	20.51	PASS
Band66	10MHz	16QAM	132322	25RB#12	19.91	PASS
Band66	10MHz	QPSK	132322	25RB#25	20.51	PASS
Band66	10MHz	16QAM	132322	25RB#25	19.97	PASS
Band66	10MHz	QPSK	132322	50RB#0	20.56	PASS
Band66	10MHz	16QAM	132322	50RB#0	19.87	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.15	PASS
Band66	10MHz	16QAM	132622	1RB#0	20.65	PASS



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Band66	10MHz	QPSK	132622	1RB#24	21.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	20.52	PASS
Band66	10MHz	QPSK	132622	1RB#49	20.87	PASS
Band66	10MHz	16QAM	132622	1RB#49	20.38	PASS
Band66	10MHz	QPSK	132622	25RB#0	20.39	PASS
Band66	10MHz	16QAM	132622	25RB#0	19.61	PASS
Band66	10MHz	QPSK	132622	25RB#12	20.34	PASS
Band66	10MHz	16QAM	132622	25RB#12	19.59	PASS
Band66	10MHz	QPSK	132622	25RB#25	20.32	PASS
Band66	10MHz	16QAM	132622	25RB#25	19.54	PASS
Band66	10MHz	QPSK	132622	50RB#0	20.38	PASS
Band66	10MHz	16QAM	132622	50RB#0	19.67	PASS
Band66	15MHz	QPSK	132047	1RB#0	21.33	PASS
Band66	15MHz	16QAM	132047	1RB#0	20.87	PASS
Band66	15MHz	QPSK	132047	1RB#38	21.32	PASS
Band66	15MHz	16QAM	132047	1RB#38	20.78	PASS
Band66	15MHz	QPSK	132047	1RB#74	21.21	PASS
Band66	15MHz	16QAM	132047	1RB#74	20.70	PASS
Band66	15MHz	QPSK	132047	38RB#0	20.53	PASS
Band66	15MHz	16QAM	132047	38RB#0	20.54	PASS
Band66	15MHz	QPSK	132047	38RB#18	20.54	PASS
Band66	15MHz	16QAM	132047	38RB#18	20.54	PASS
Band66	15MHz	QPSK	132047	38RB#37	20.54	PASS
Band66	15MHz	16QAM	132047	38RB#37	20.53	PASS
Band66	15MHz	QPSK	132047	75RB#0	20.53	PASS
Band66	15MHz	16QAM	132047	75RB#0	19.82	PASS
Band66	15MHz	QPSK	132322	1RB#0	21.13	PASS
Band66	15MHz	16QAM	132322	1RB#0	20.64	PASS
Band66	15MHz	QPSK	132322	1RB#38	21.15	PASS
Band66	15MHz	16QAM	132322	1RB#38	20.60	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.26	PASS
Band66	15MHz	16QAM	132322	1RB#74	20.64	PASS
Band66	15MHz	QPSK	132322	38RB#0	20.37	PASS
Band66	15MHz	16QAM	132322	38RB#0	20.44	PASS
Band66	15MHz	QPSK	132322	38RB#18	20.44	PASS
Band66	15MHz	16QAM	132322	38RB#18	20.44	PASS
Band66	15MHz	QPSK	132322	38RB#37	20.45	PASS
Band66	15MHz	16QAM	132322	38RB#37	20.44	PASS
Band66	15MHz	QPSK	132322	75RB#0	20.44	PASS
Band66	15MHz	16QAM	132322	75RB#0	19.76	PASS



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Band66	15MHz	QPSK	132597	1RB#0	21.27	PASS
Band66	15MHz	16QAM	132597	1RB#0	20.73	PASS
Band66	15MHz	QPSK	132597	1RB#38	21.04	PASS
Band66	15MHz	16QAM	132597	1RB#38	20.55	PASS
Band66	15MHz	QPSK	132597	1RB#74	20.89	PASS
Band66	15MHz	16QAM	132597	1RB#74	20.42	PASS
Band66	15MHz	QPSK	132597	38RB#0	20.41	PASS
Band66	15MHz	16QAM	132597	38RB#0	20.36	PASS
Band66	15MHz	QPSK	132597	38RB#18	20.47	PASS
Band66	15MHz	16QAM	132597	38RB#18	20.46	PASS
Band66	15MHz	QPSK	132597	38RB#37	20.46	PASS
Band66	15MHz	16QAM	132597	38RB#37	20.45	PASS
Band66	15MHz	QPSK	132597	75RB#0	20.45	PASS
Band66	15MHz	16QAM	132597	75RB#0	19.64	PASS
Band66	20MHz	QPSK	132072	1RB#0	21.78	PASS
Band66	20MHz	16QAM	132072	1RB#0	20.68	PASS
Band66	20MHz	QPSK	132072	1RB#49	21.68	PASS
Band66	20MHz	16QAM	132072	1RB#49	20.56	PASS
Band66	20MHz	QPSK	132072	1RB#99	21.53	PASS
Band66	20MHz	16QAM	132072	1RB#99	20.37	PASS
Band66	20MHz	QPSK	132072	50RB#0	20.63	PASS
Band66	20MHz	16QAM	132072	50RB#0	19.99	PASS
Band66	20MHz	QPSK	132072	50RB#25	20.65	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	20.43	PASS
Band66	20MHz	16QAM	132072	50RB#50	19.84	PASS
Band66	20MHz	QPSK	132072	100RB#0	20.61	PASS
Band66	20MHz	16QAM	132072	100RB#0	19.87	PASS
Band66	20MHz	QPSK	132322	1RB#0	21.22	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.01	PASS
Band66	20MHz	QPSK	132322	1RB#49	21.26	PASS
Band66	20MHz	16QAM	132322	1RB#49	20.89	PASS
Band66	20MHz	QPSK	132322	1RB#99	21.43	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.02	PASS
Band66	20MHz	QPSK	132322	50RB#0	20.47	PASS
Band66	20MHz	16QAM	132322	50RB#0	19.75	PASS
Band66	20MHz	QPSK	132322	50RB#25	20.40	PASS
Band66	20MHz	16QAM	132322	50RB#25	19.75	PASS
Band66	20MHz	QPSK	132322	50RB#50	20.53	PASS
Band66	20MHz	16QAM	132322	50RB#50	19.82	PASS



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Band66	20MHz	QPSK	132322	100RB#0	20.56	PASS
Band66	20MHz	16QAM	132322	100RB#0	19.87	PASS
Band66	20MHz	QPSK	132572	1RB#0	21.66	PASS
Band66	20MHz	16QAM	132572	1RB#0	20.76	PASS
Band66	20MHz	QPSK	132572	1RB#49	21.46	PASS
Band66	20MHz	16QAM	132572	1RB#49	20.66	PASS
Band66	20MHz	QPSK	132572	1RB#99	21.15	PASS
Band66	20MHz	16QAM	132572	1RB#99	20.43	PASS
Band66	20MHz	QPSK	132572	50RB#0	20.63	PASS
Band66	20MHz	16QAM	132572	50RB#0	19.88	PASS
Band66	20MHz	QPSK	132572	50RB#25	20.51	PASS
Band66	20MHz	16QAM	132572	50RB#25	19.83	PASS
Band66	20MHz	QPSK	132572	50RB#50	20.37	PASS
Band66	20MHz	16QAM	132572	50RB#50	19.69	PASS
Band66	20MHz	QPSK	132572	100RB#0	20.57	PASS
Band66	20MHz	16QAM	132572	100RB#0	19.80	PASS





L.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.62	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.44	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.82	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.62	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.13	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.98	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.73	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.45	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.80	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.75	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.26	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.24	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.76	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.39	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.90	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.60	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.33	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.00	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.84	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.63	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.89	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.59	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.42	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	6.15	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	6.12	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.63	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	6.25	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.78	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.75	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.34	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.75	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.49	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.88	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.61	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.54	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.26	13	PASS



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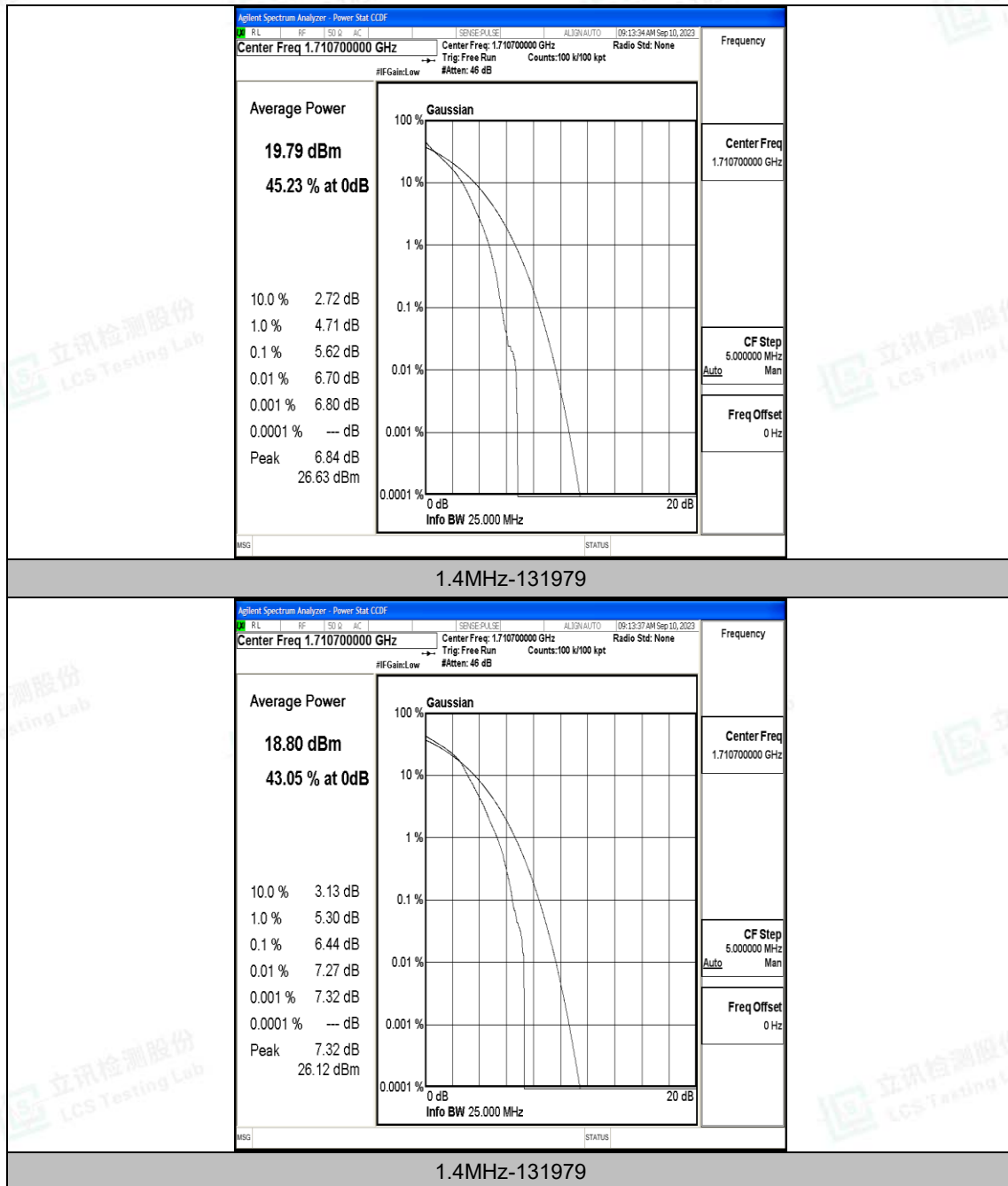
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Test Graphs

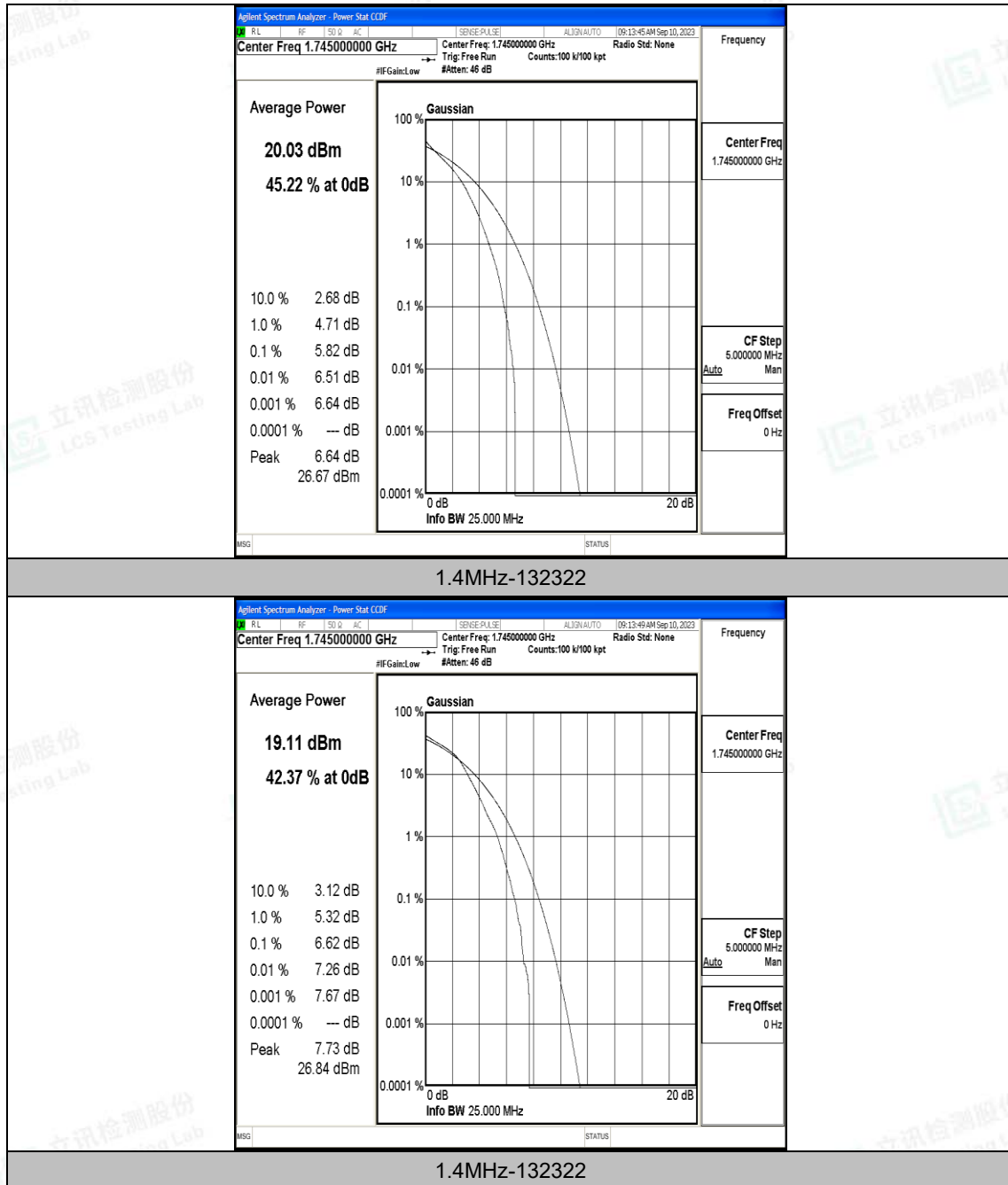


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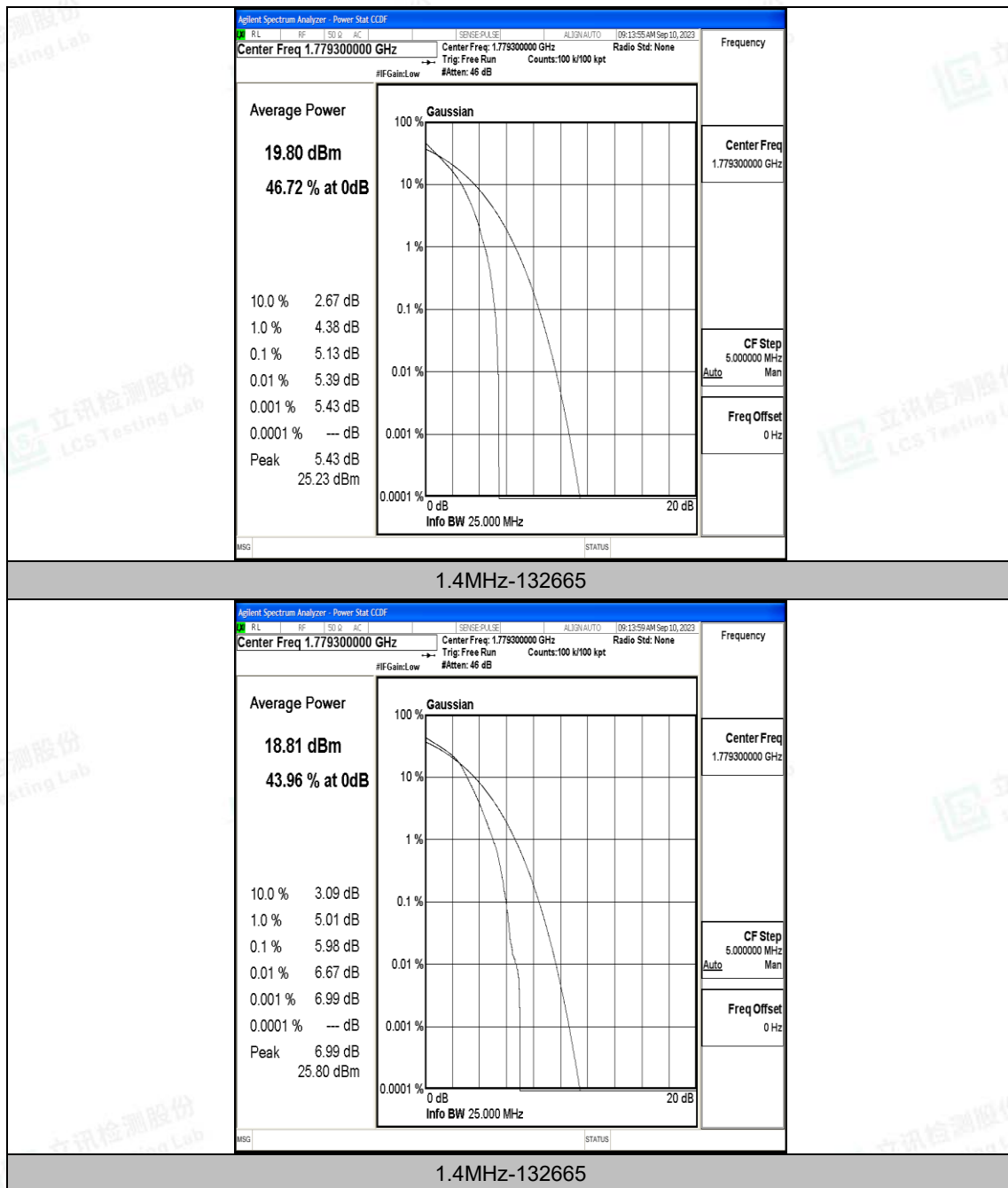


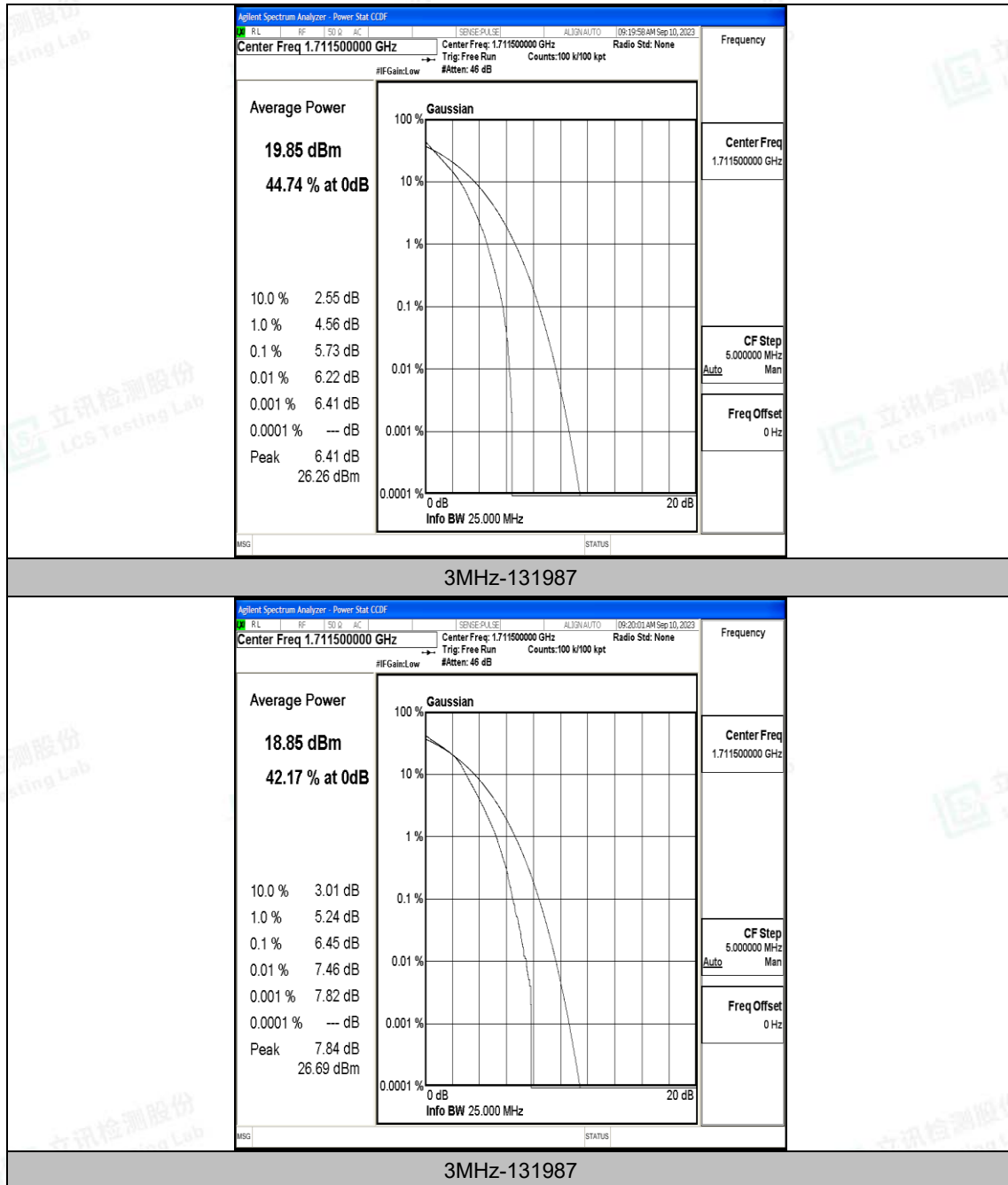
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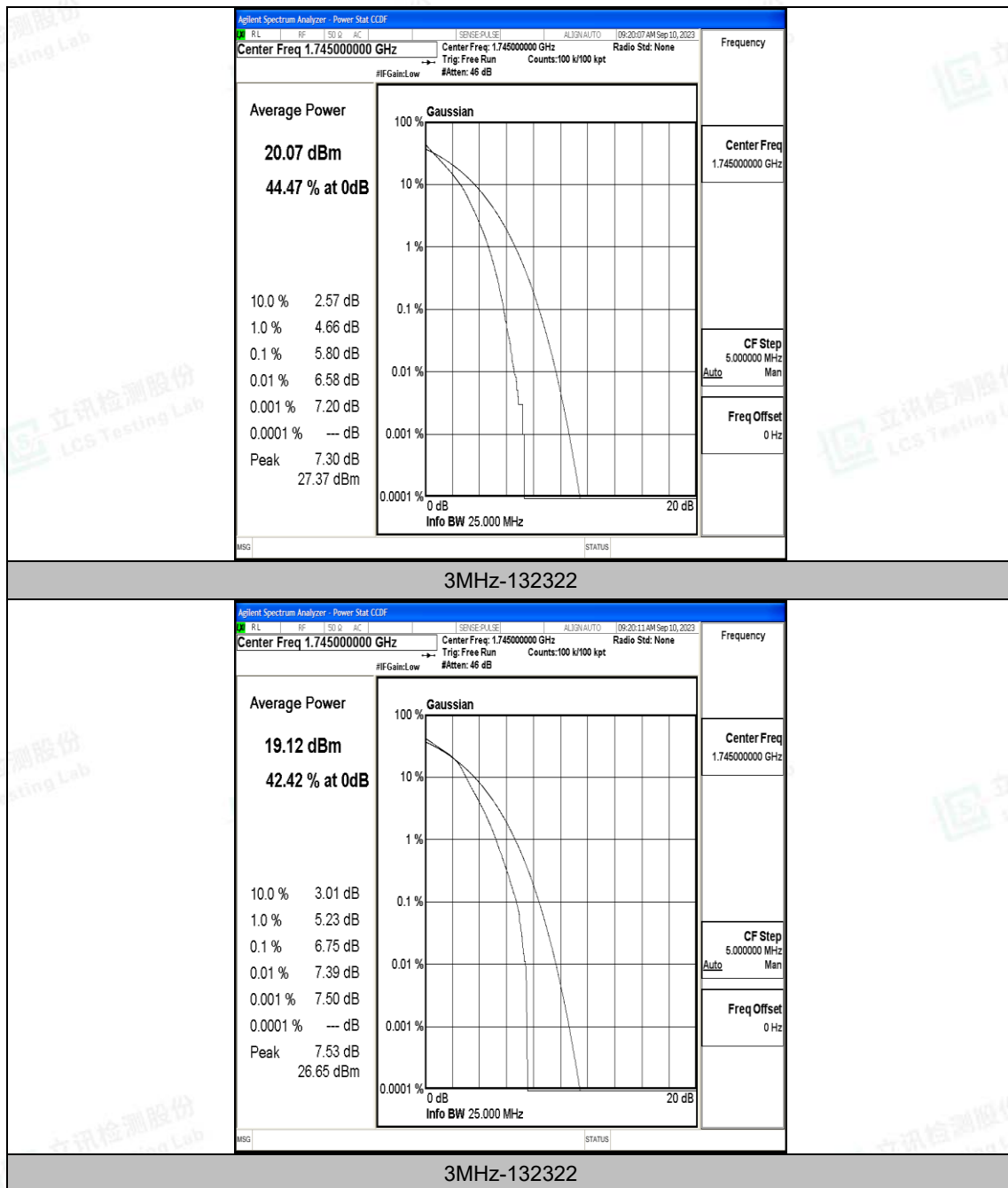
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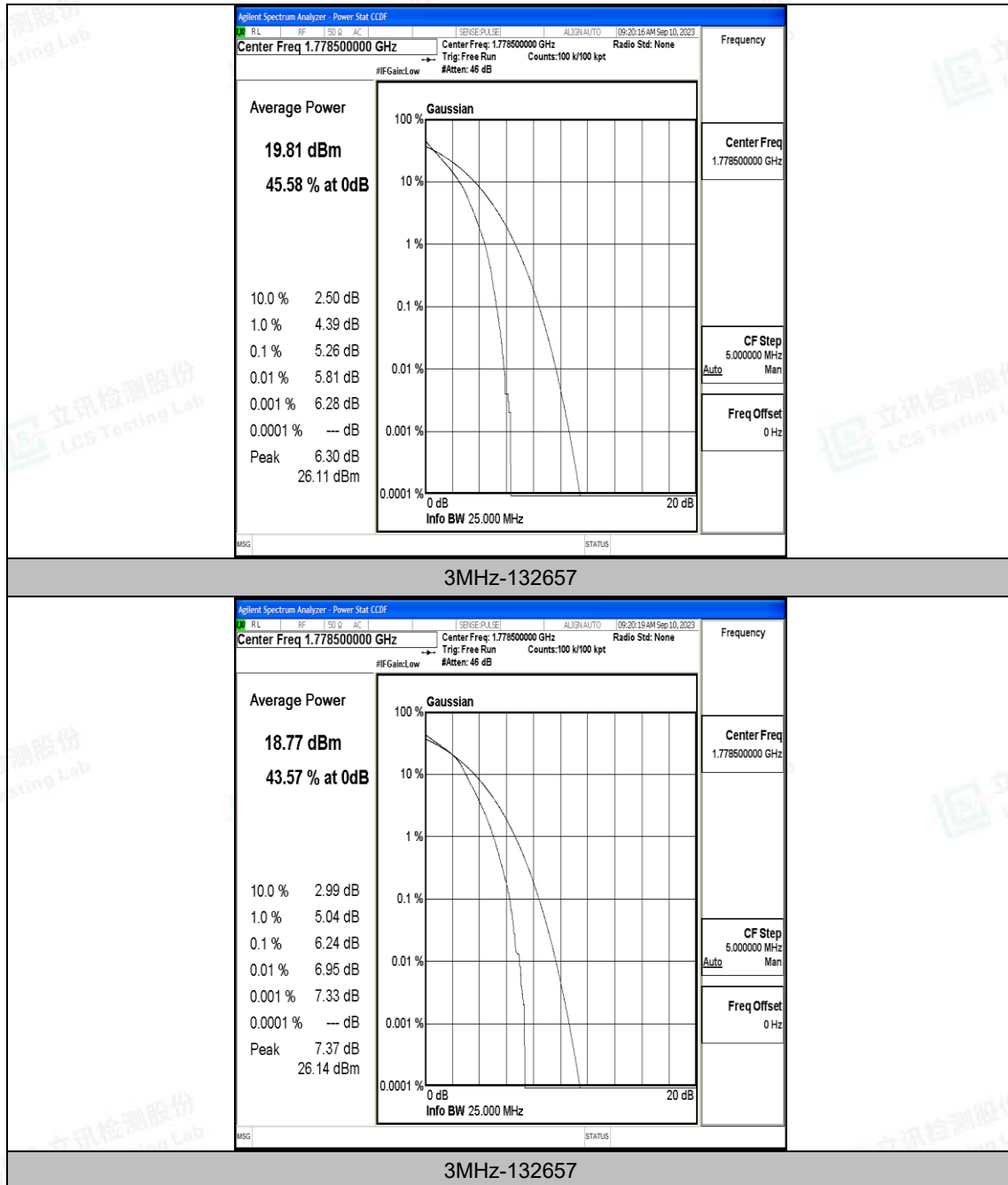
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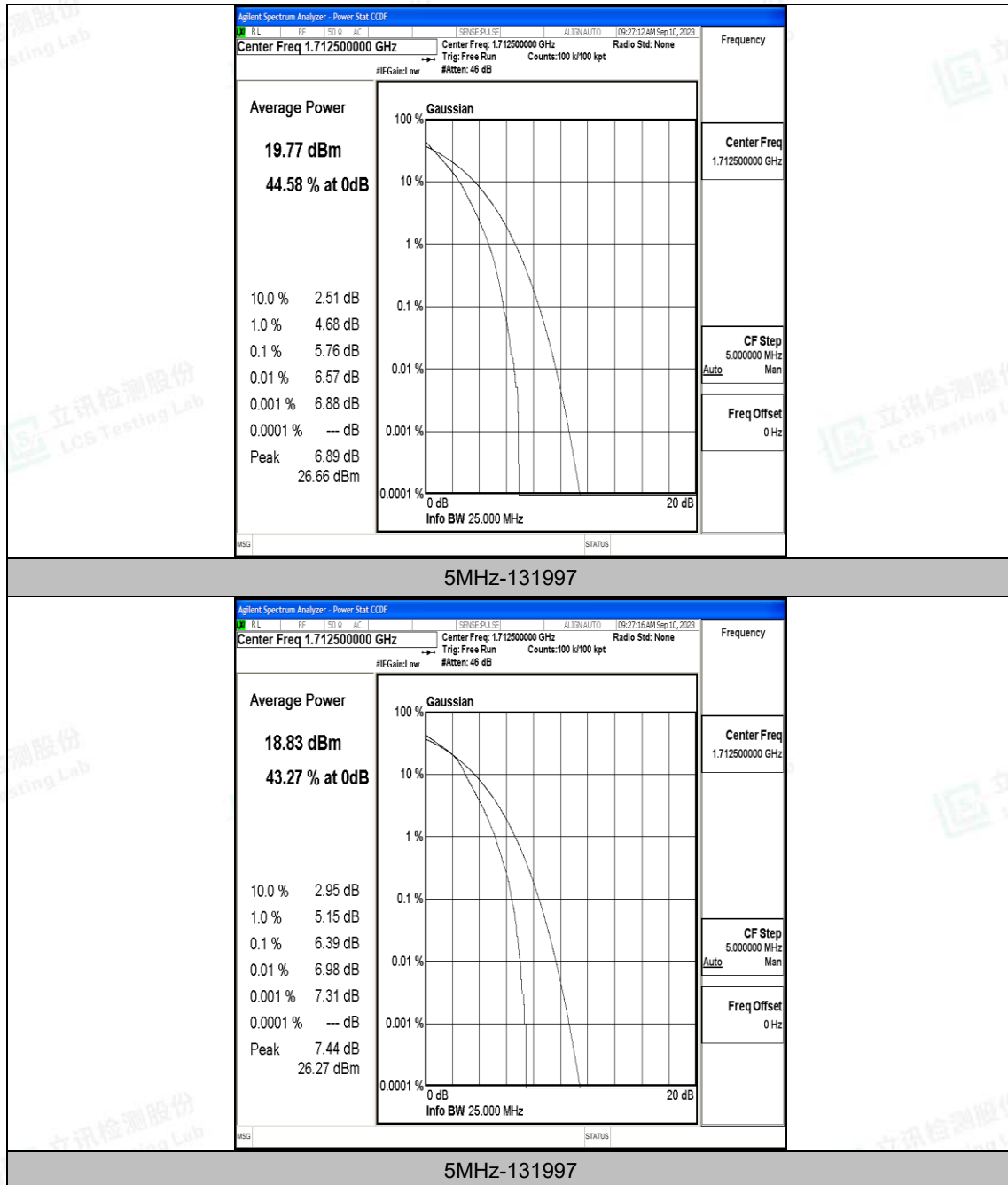


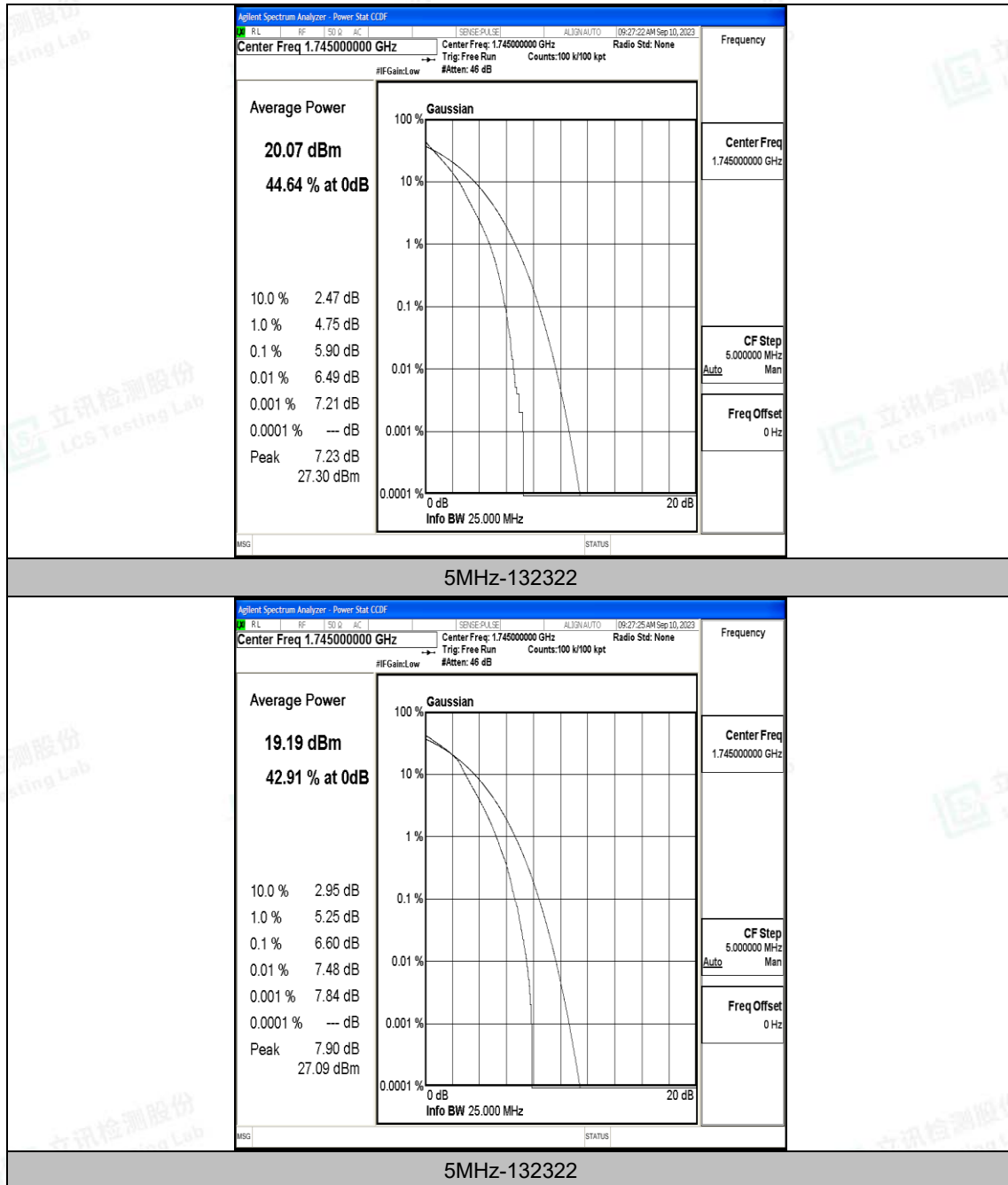
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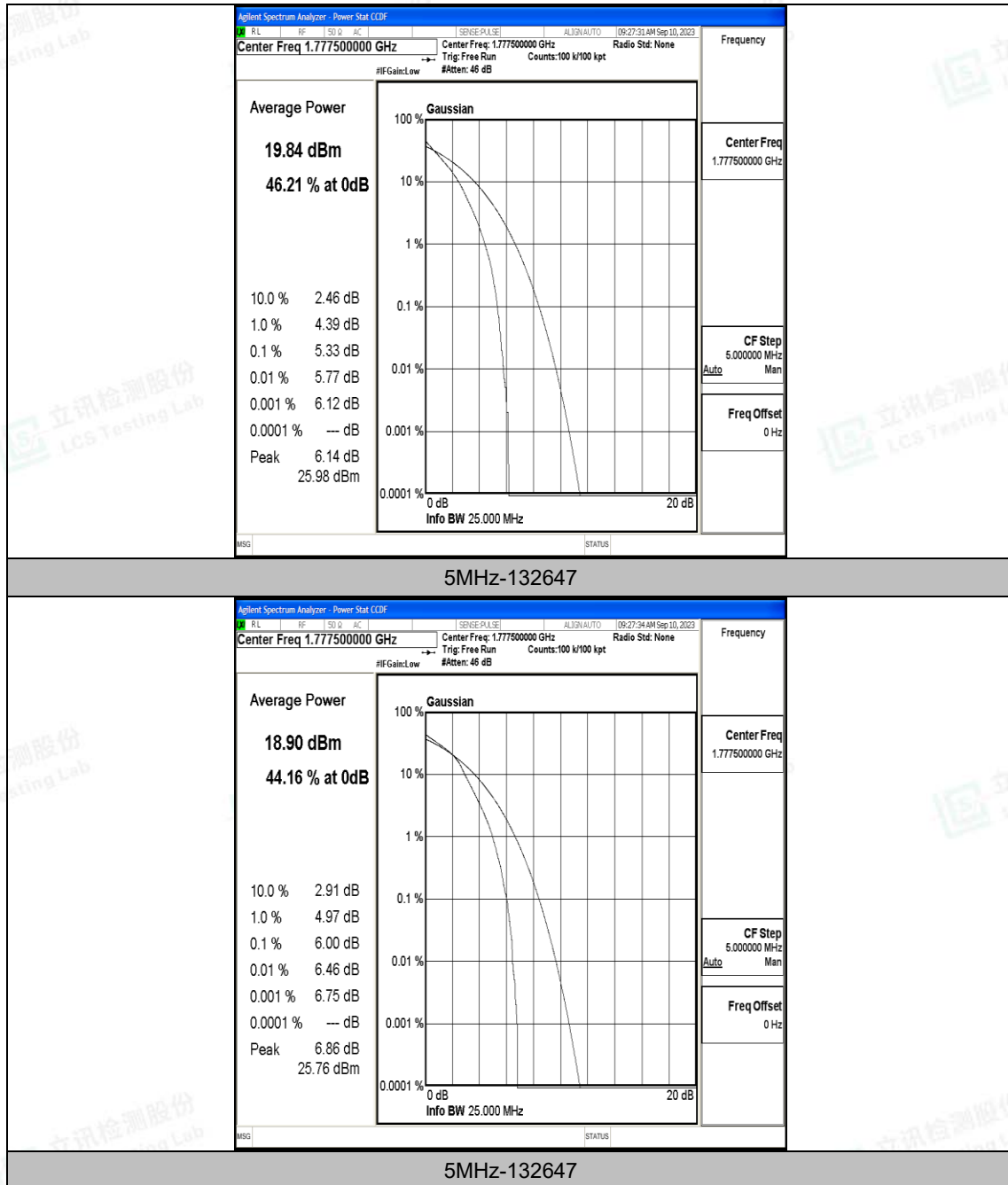
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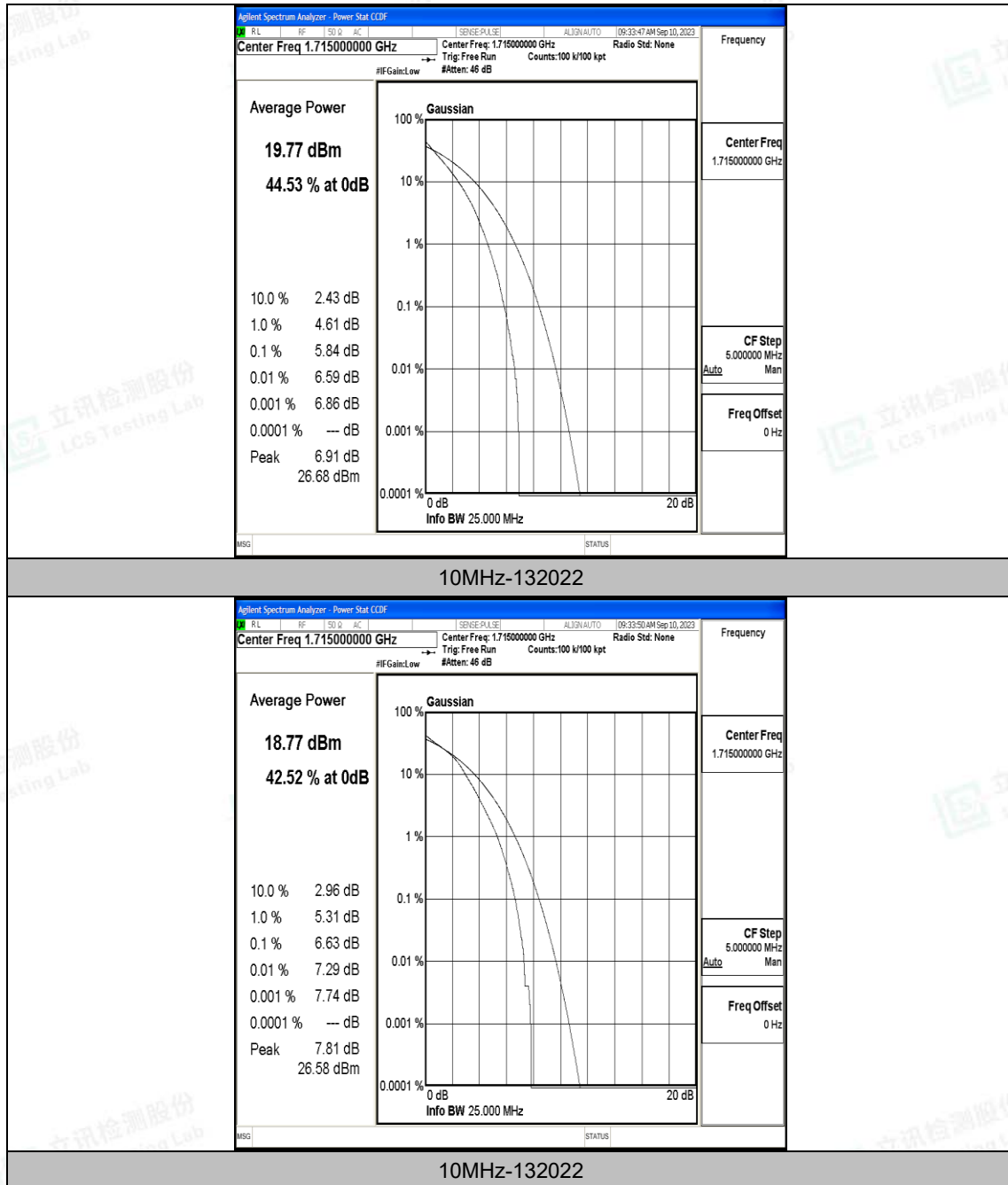


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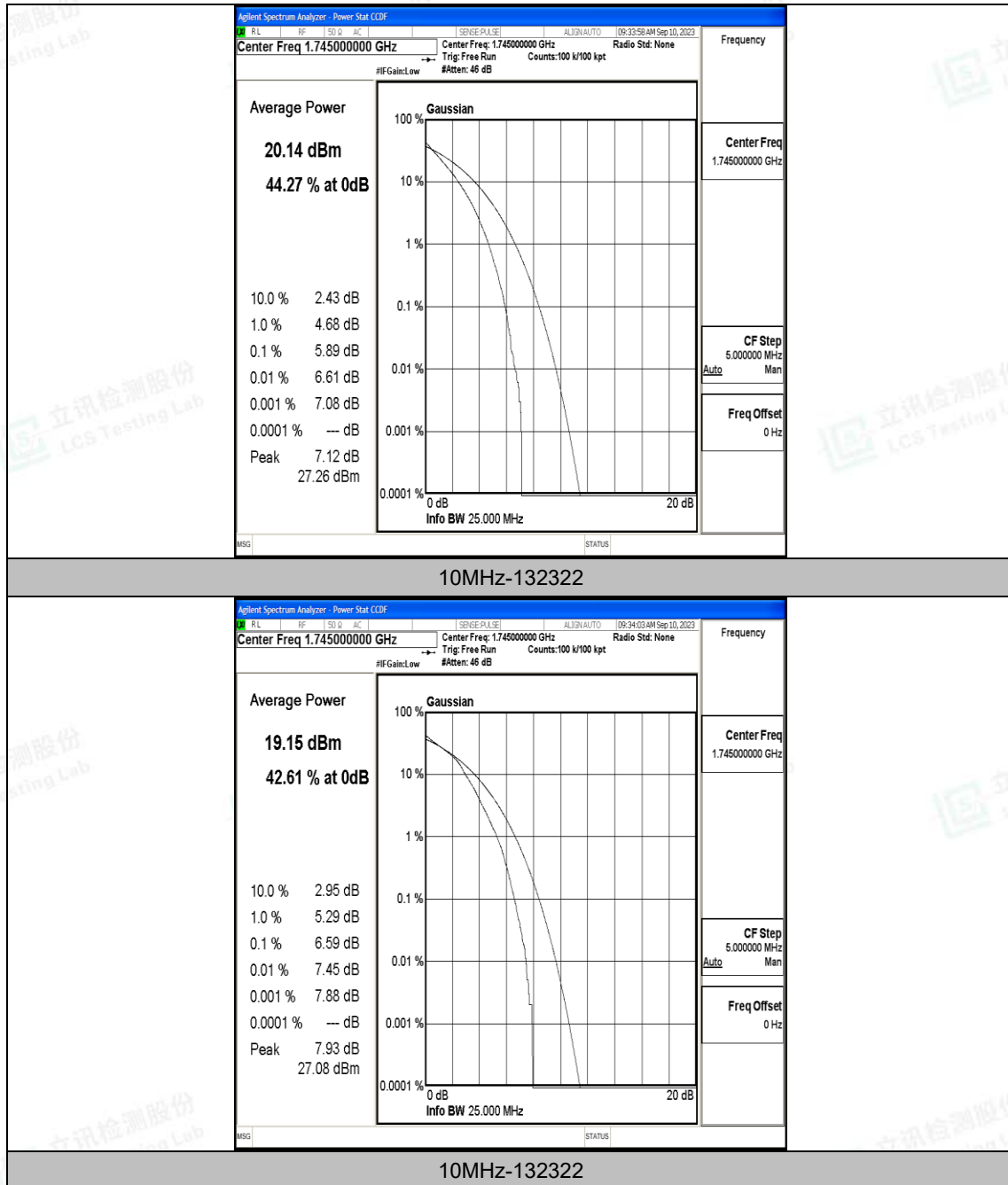


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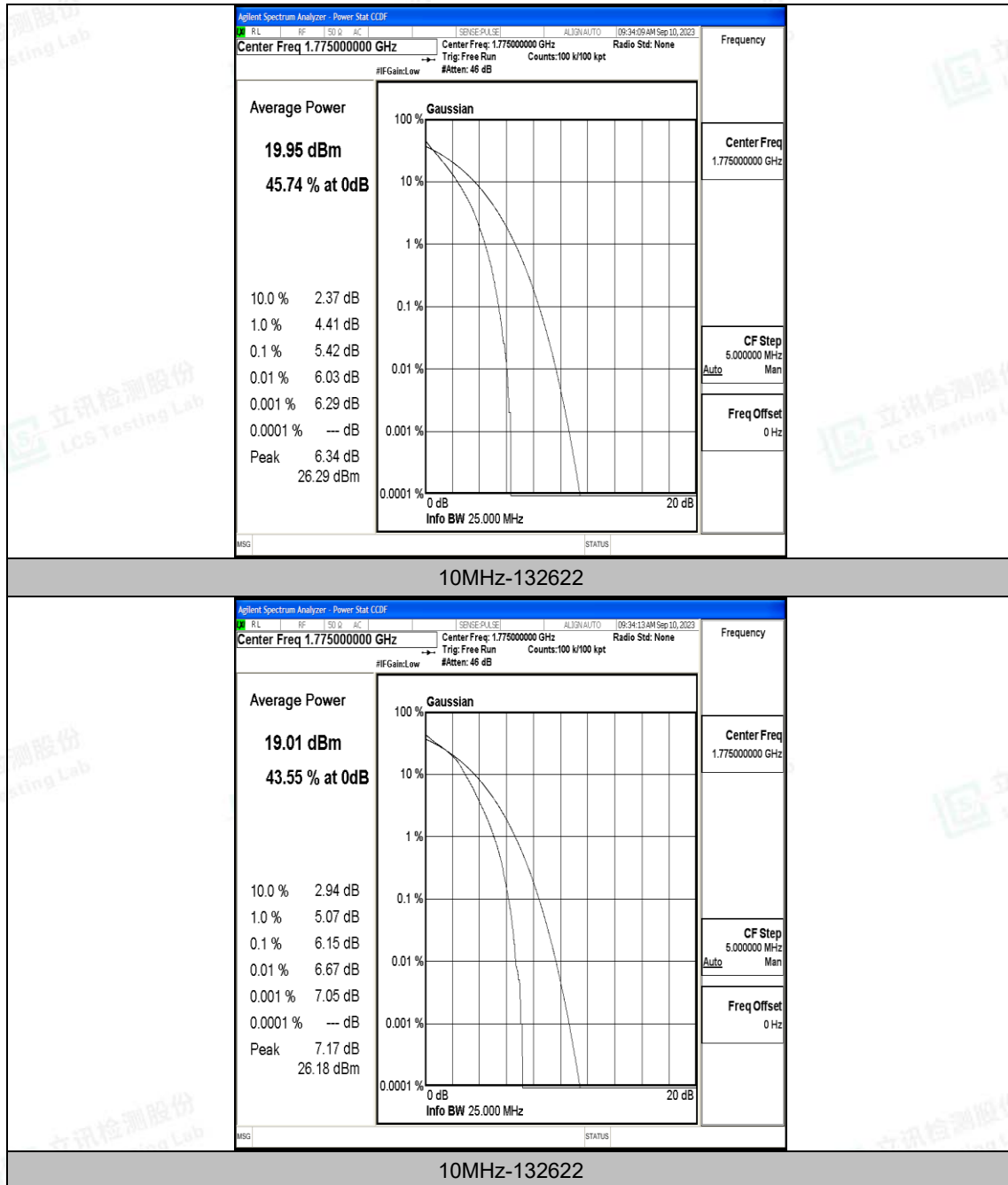


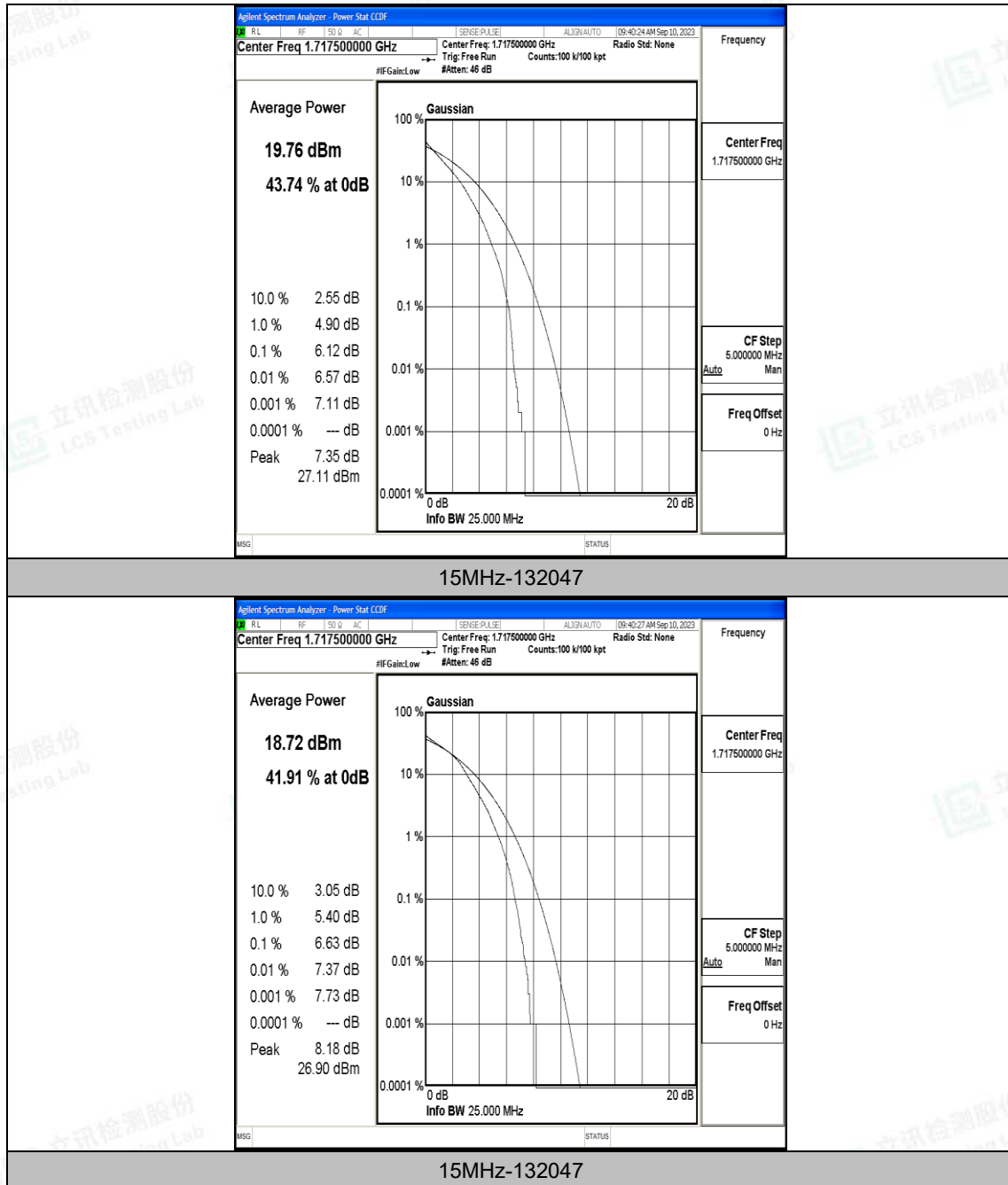
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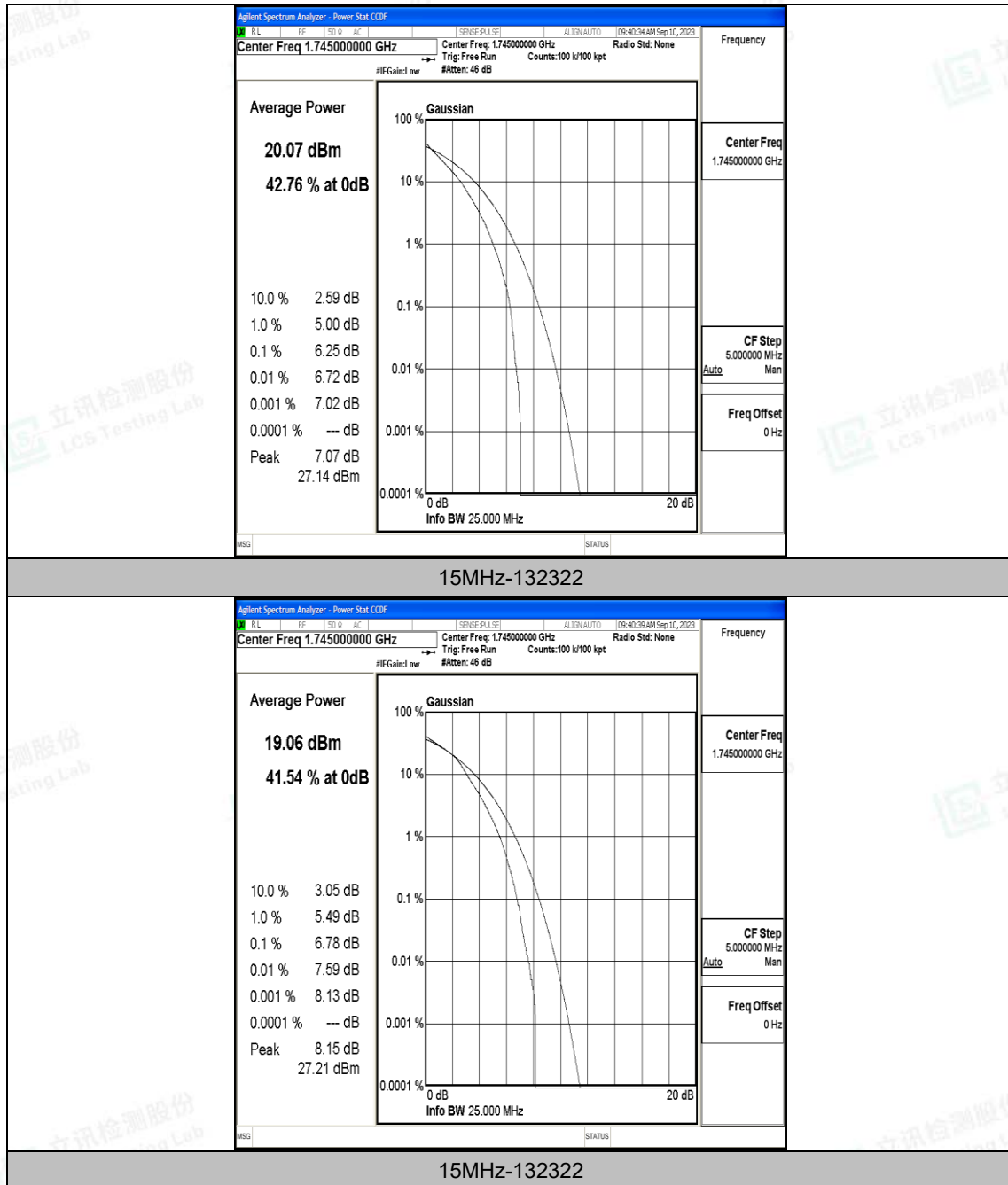
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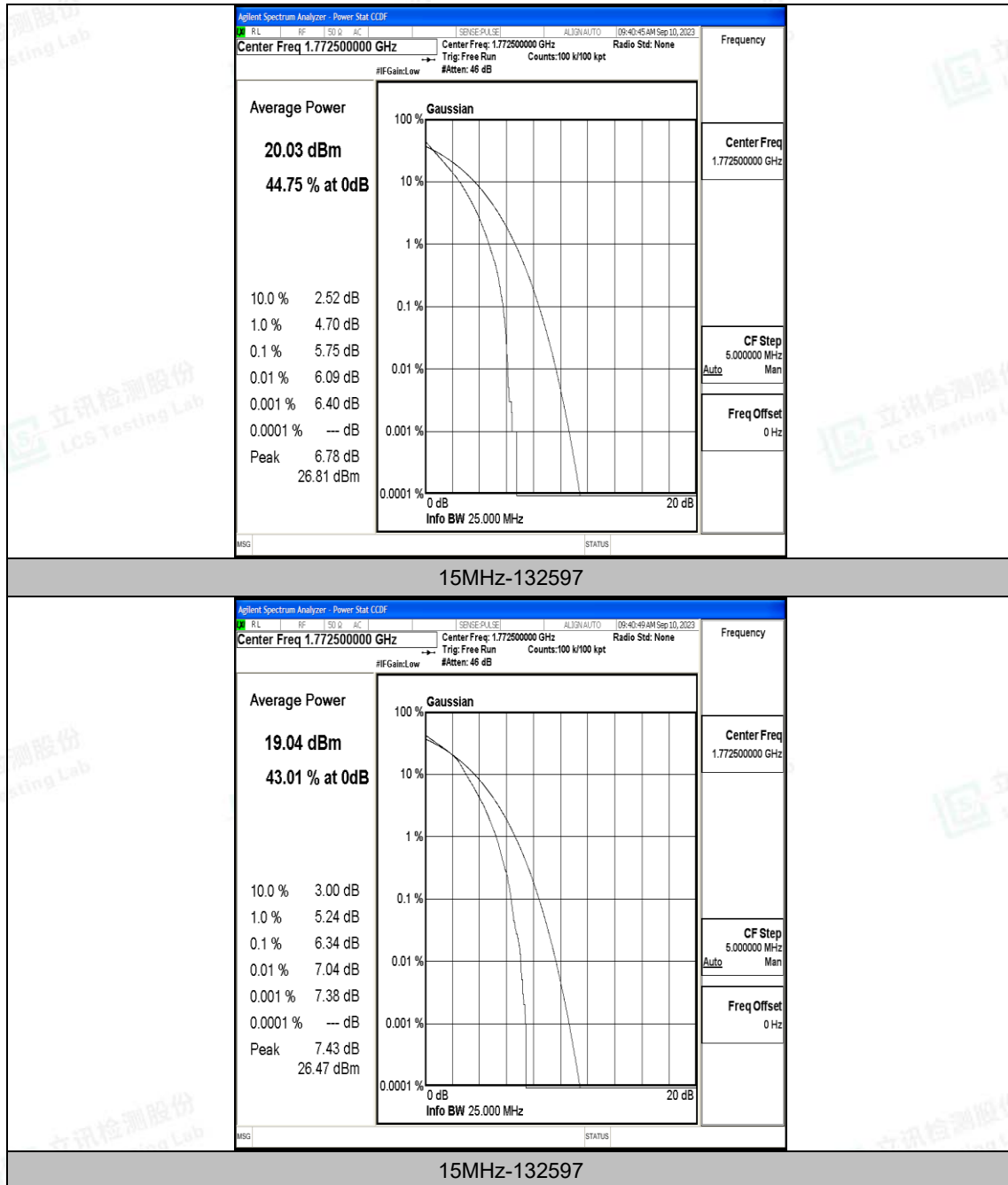
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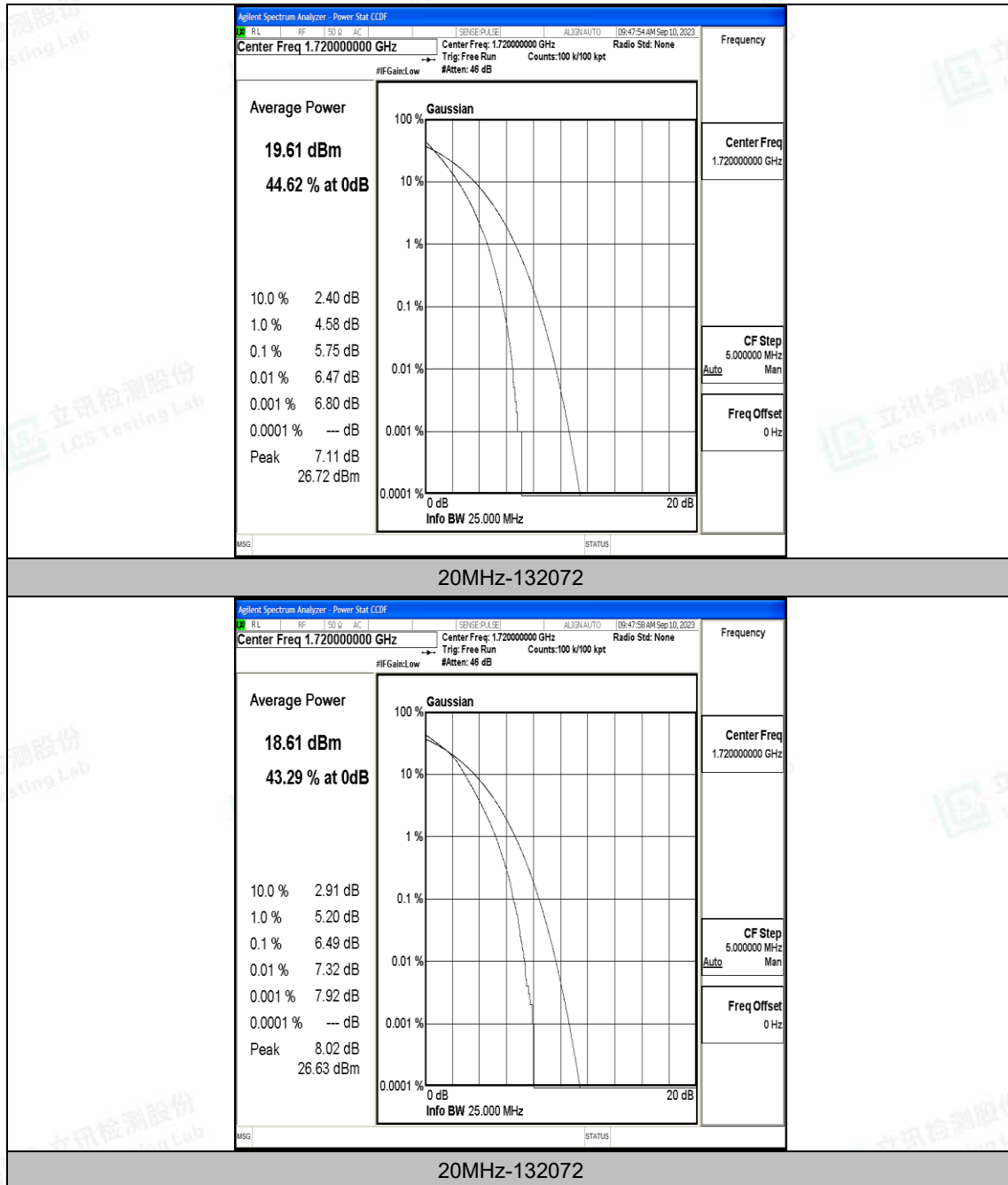
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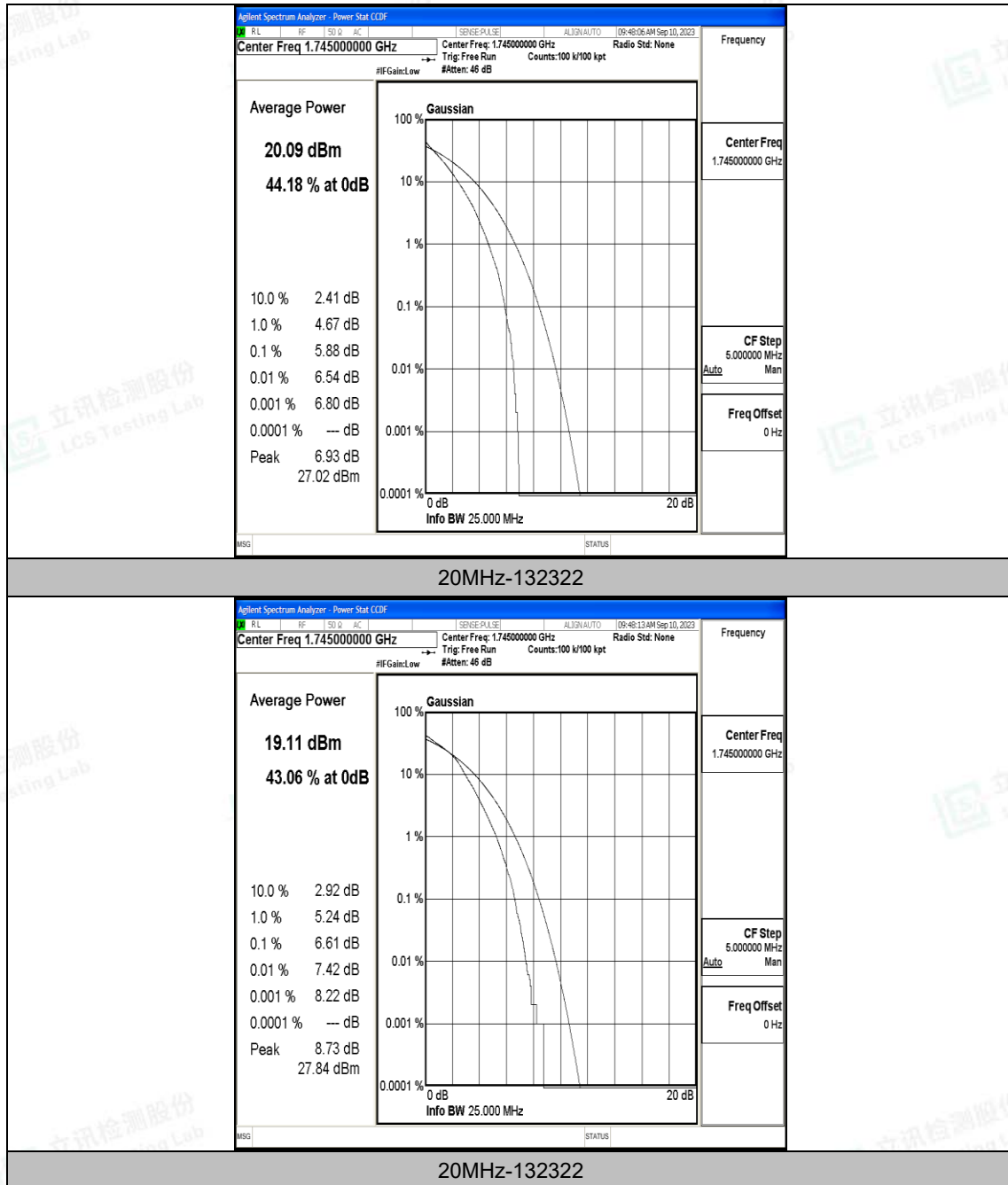


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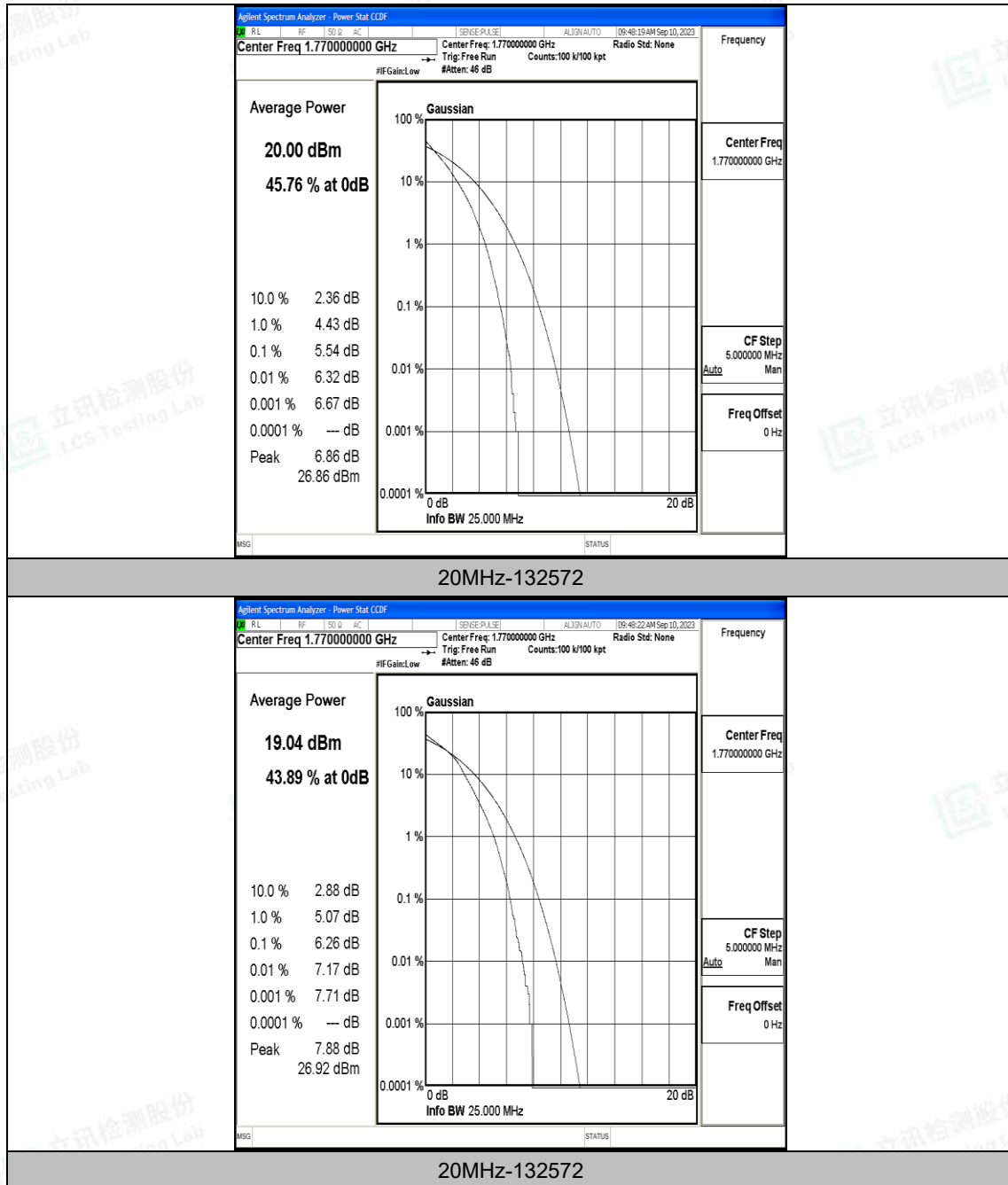


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L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0894	1.274	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0920	1.295	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0868	1.282	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0973	1.303	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0906	1.292	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0983	1.293	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6819	2.923	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6845	2.890	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6888	2.913	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6814	2.890	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6870	2.874	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6831	2.903	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5210	5.199	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5203	5.179	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5312	5.197	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5159	5.124	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5335	5.199	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5145	5.240	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0109	10.18	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9824	10.05	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0161	10.14	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9901	10.02	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0136	10.18	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0160	10.07	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.496	15.18	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.517	15.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.512	15.20	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.531	15.01	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.499	15.04	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.496	14.96	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.965	19.66	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.975	19.68	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.985	19.62	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.010	19.88	PASS



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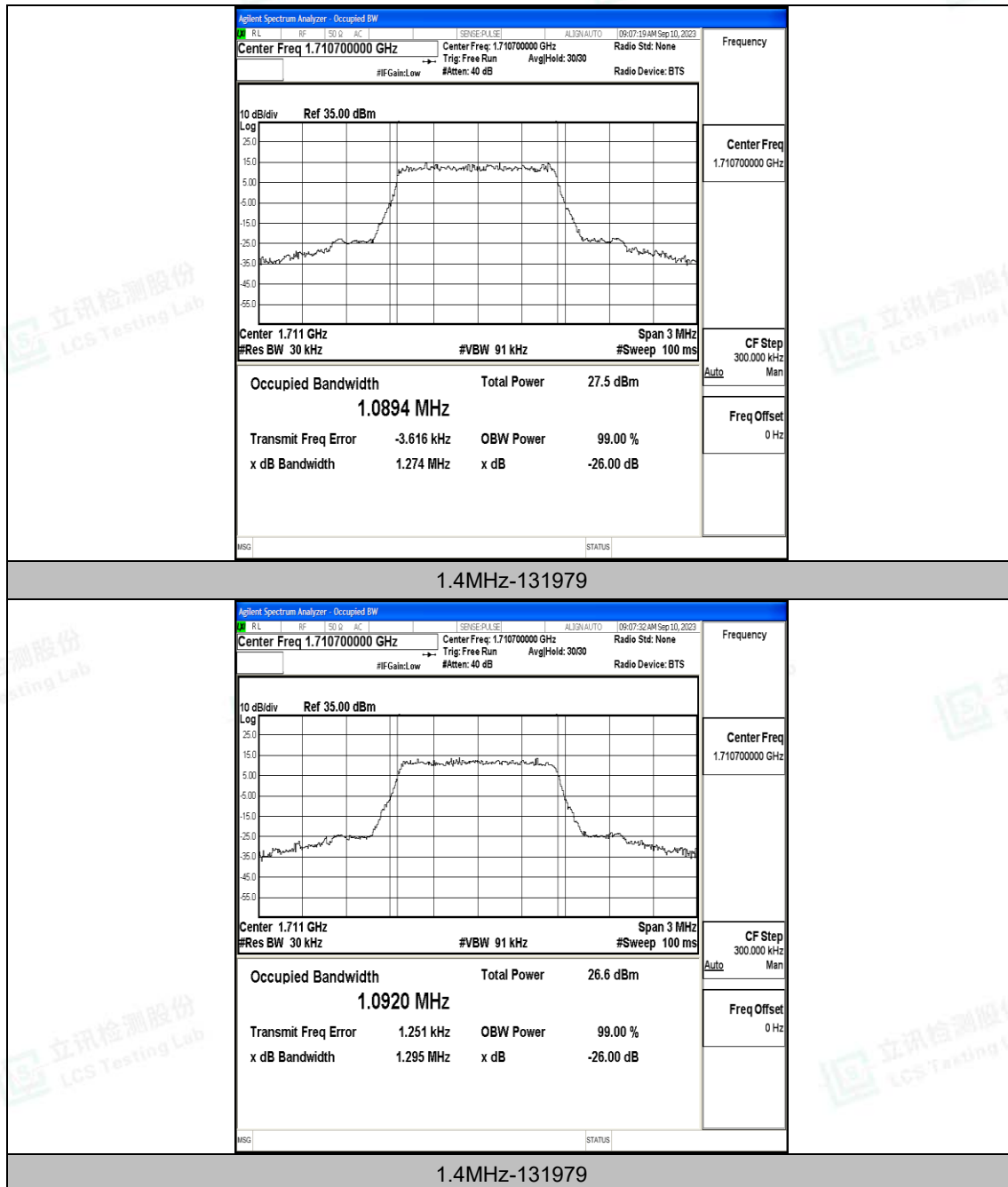


Band66	20MHz	QPSK	132572	100RB#0	17.950	19.54	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.950	19.71	PASS





Test Graphs

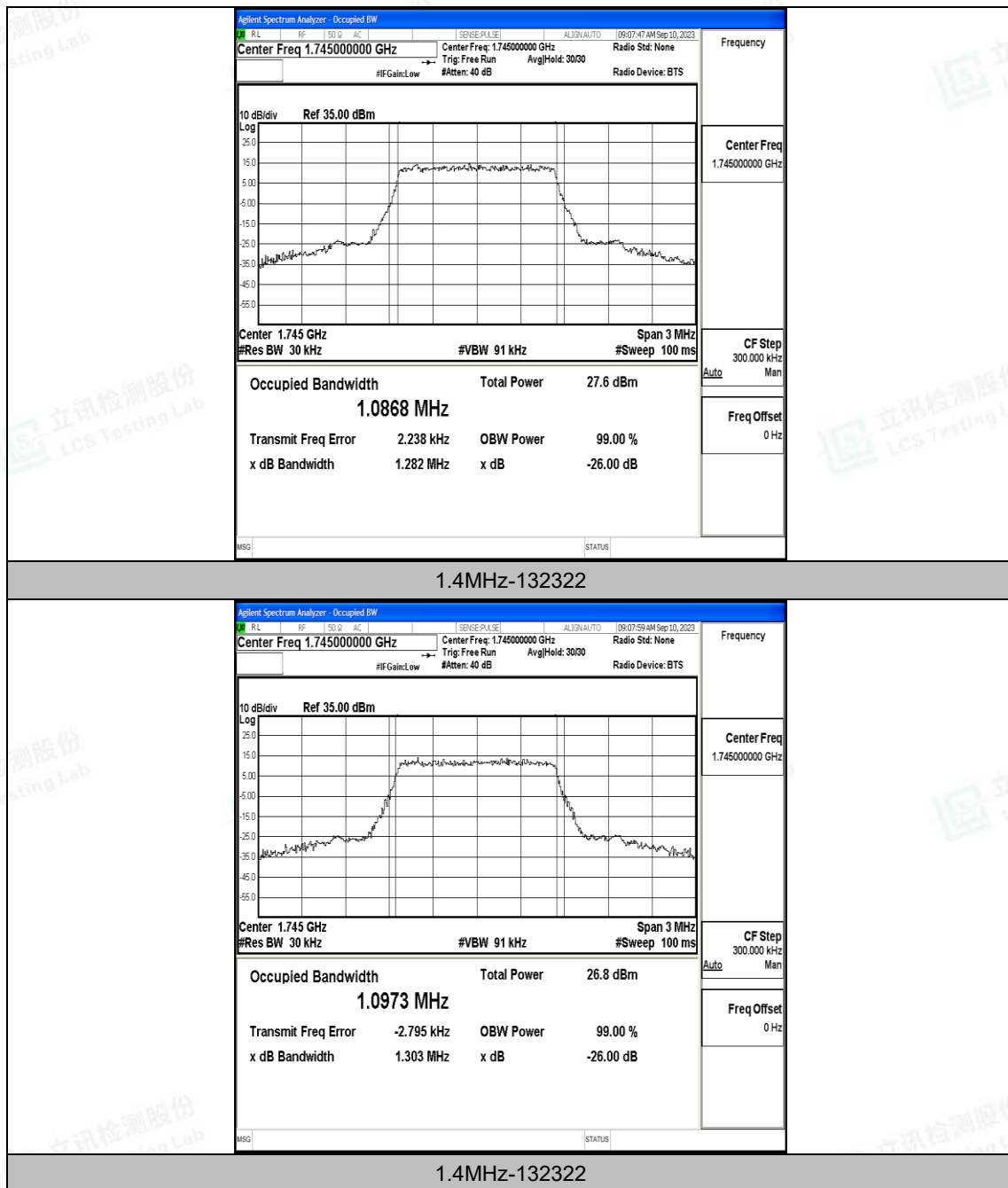


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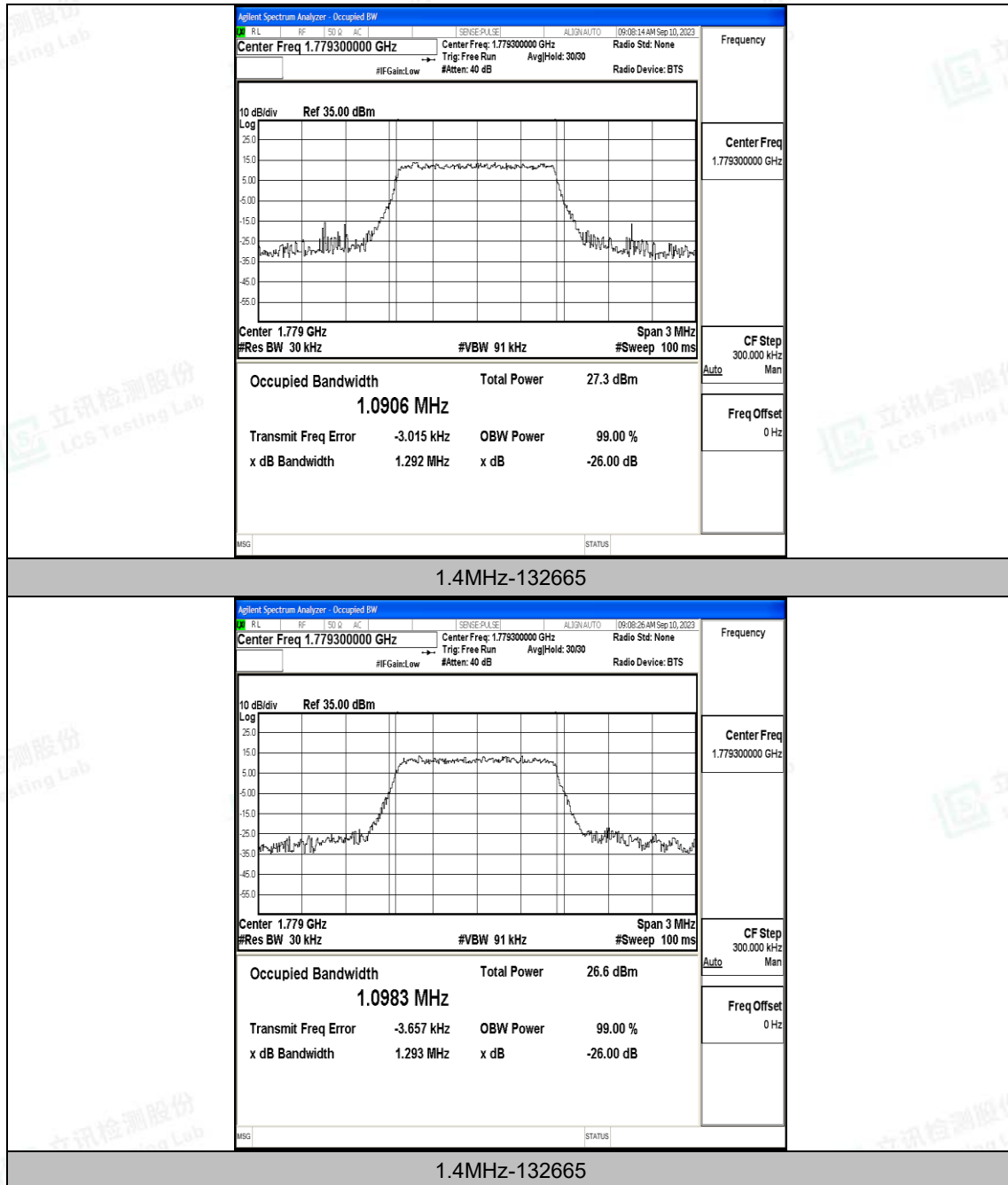


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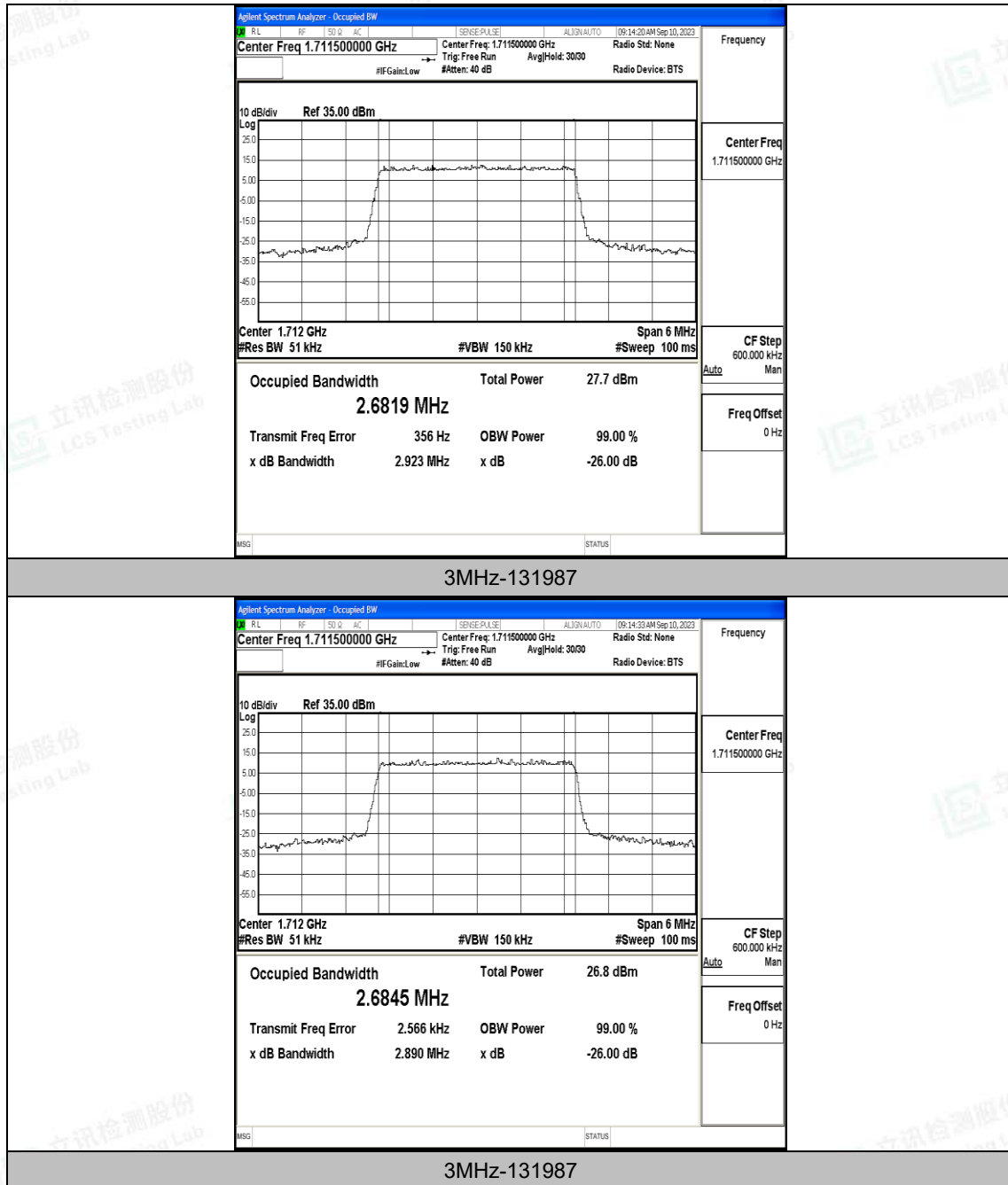


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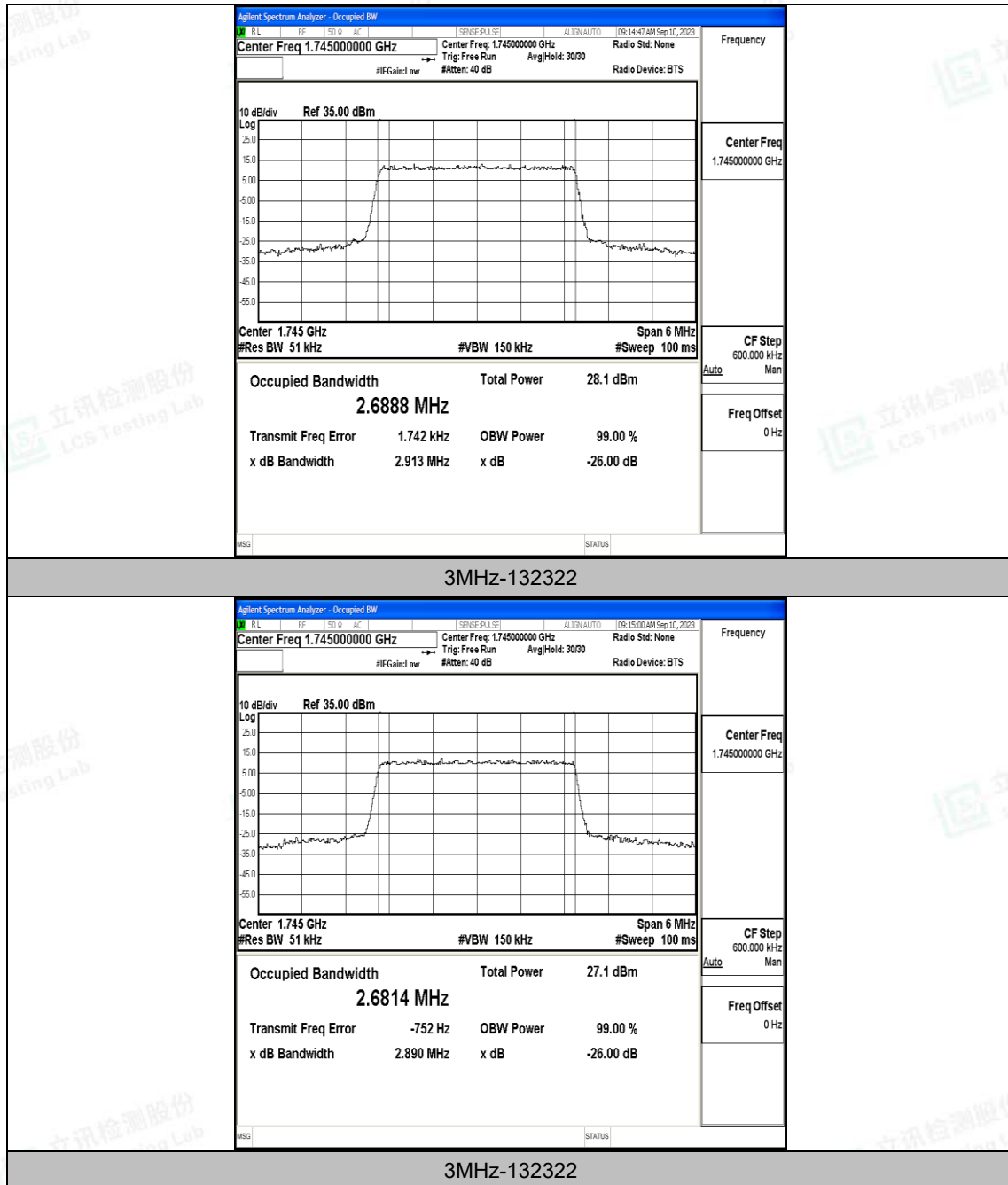


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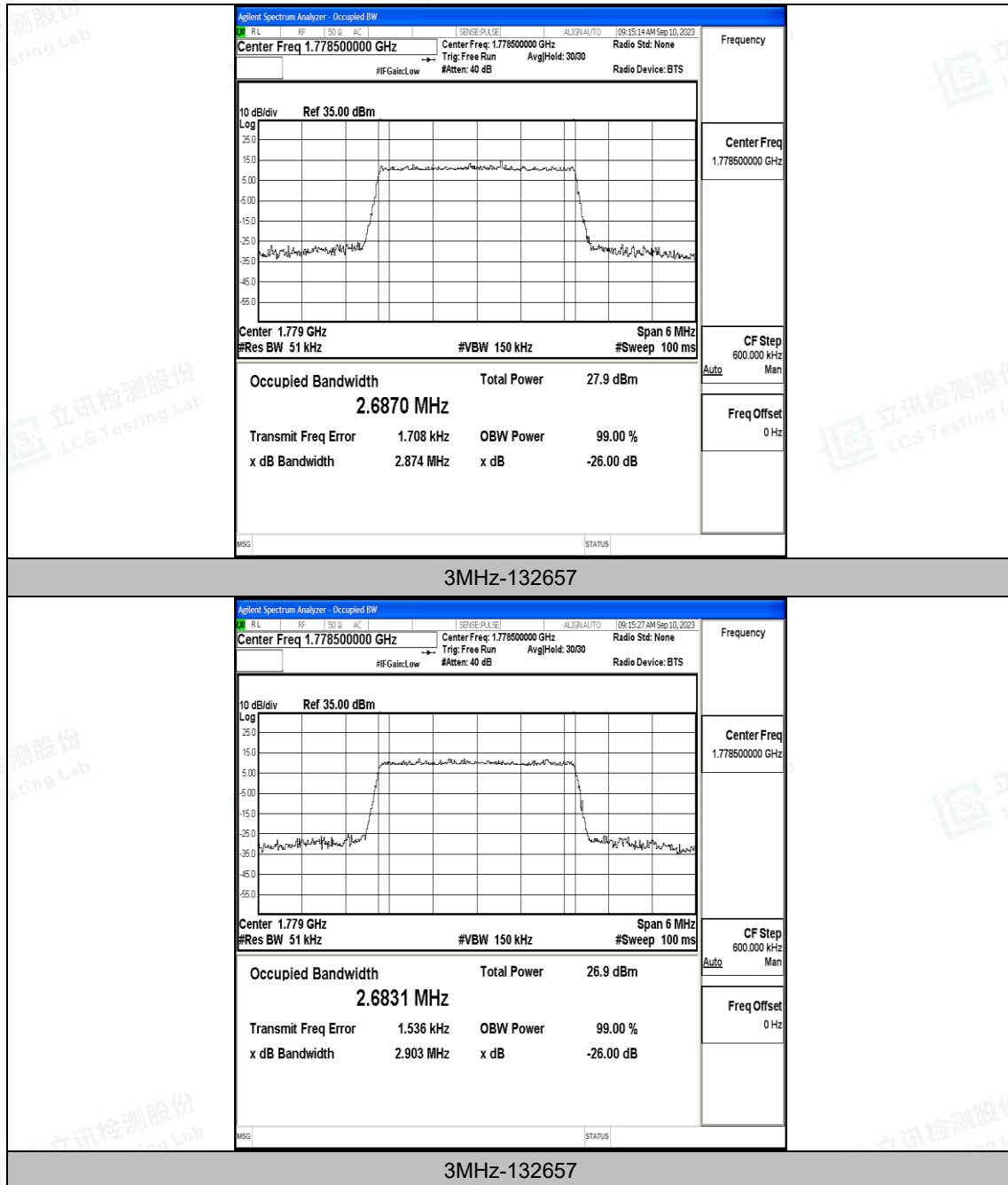


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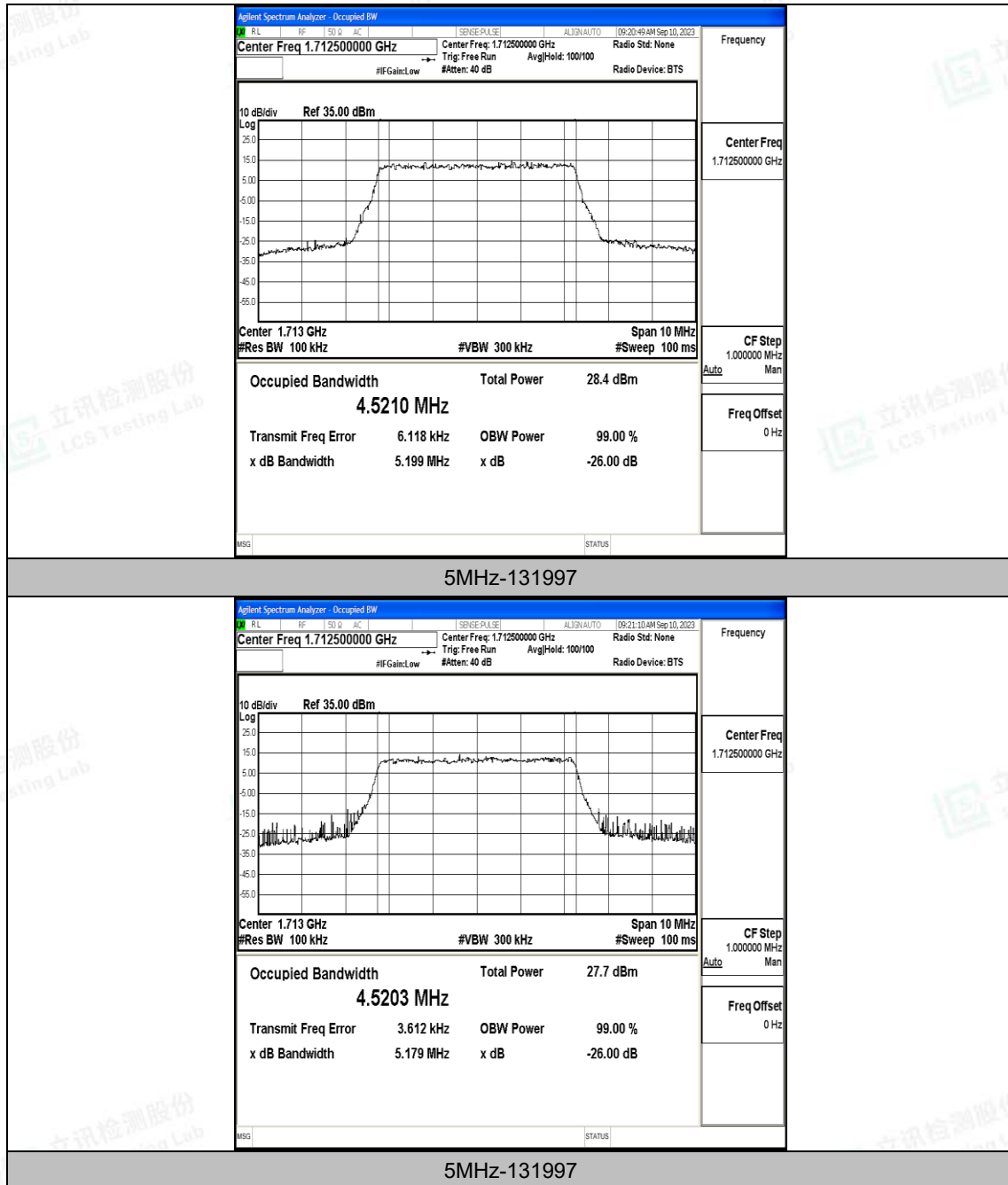


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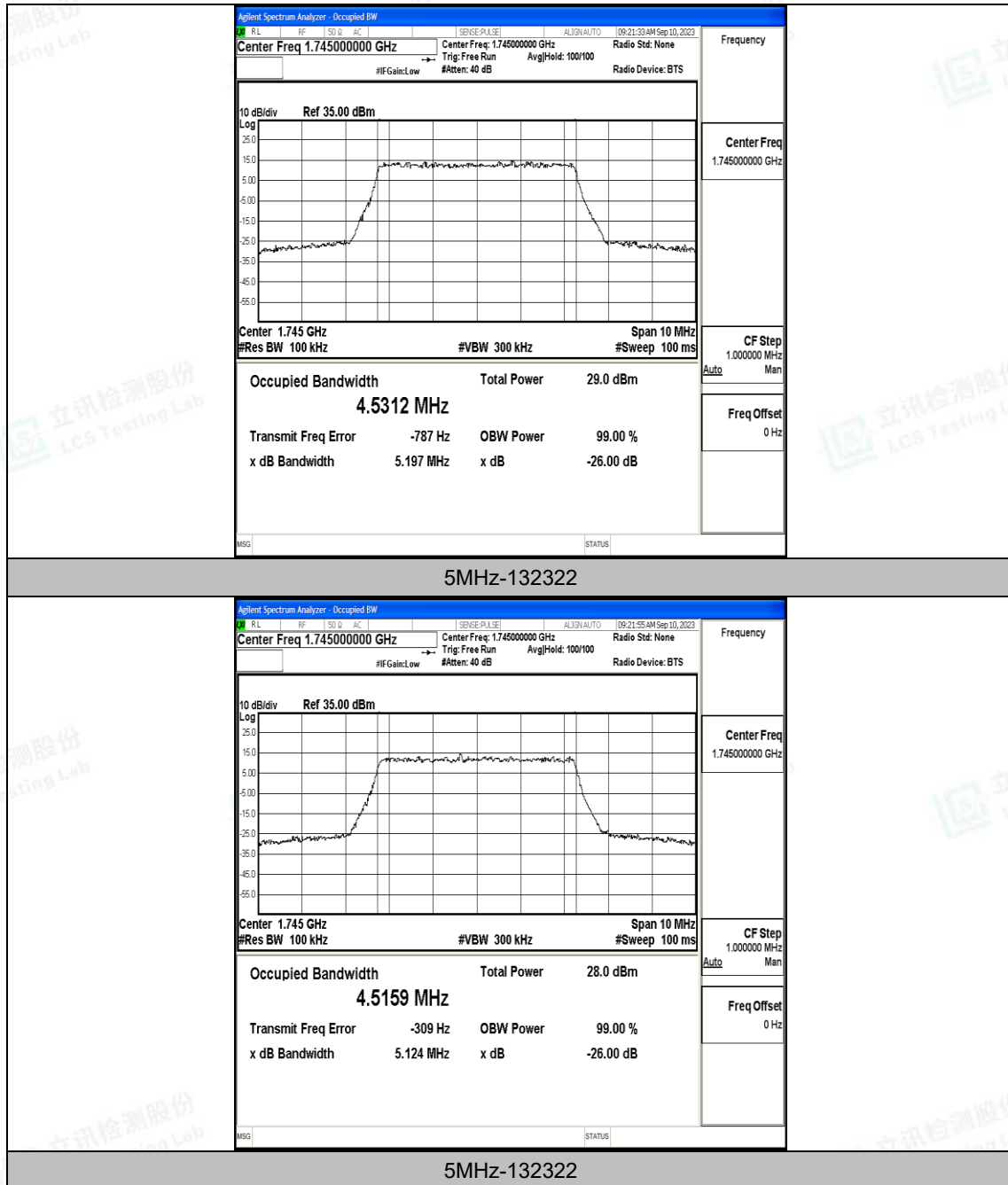


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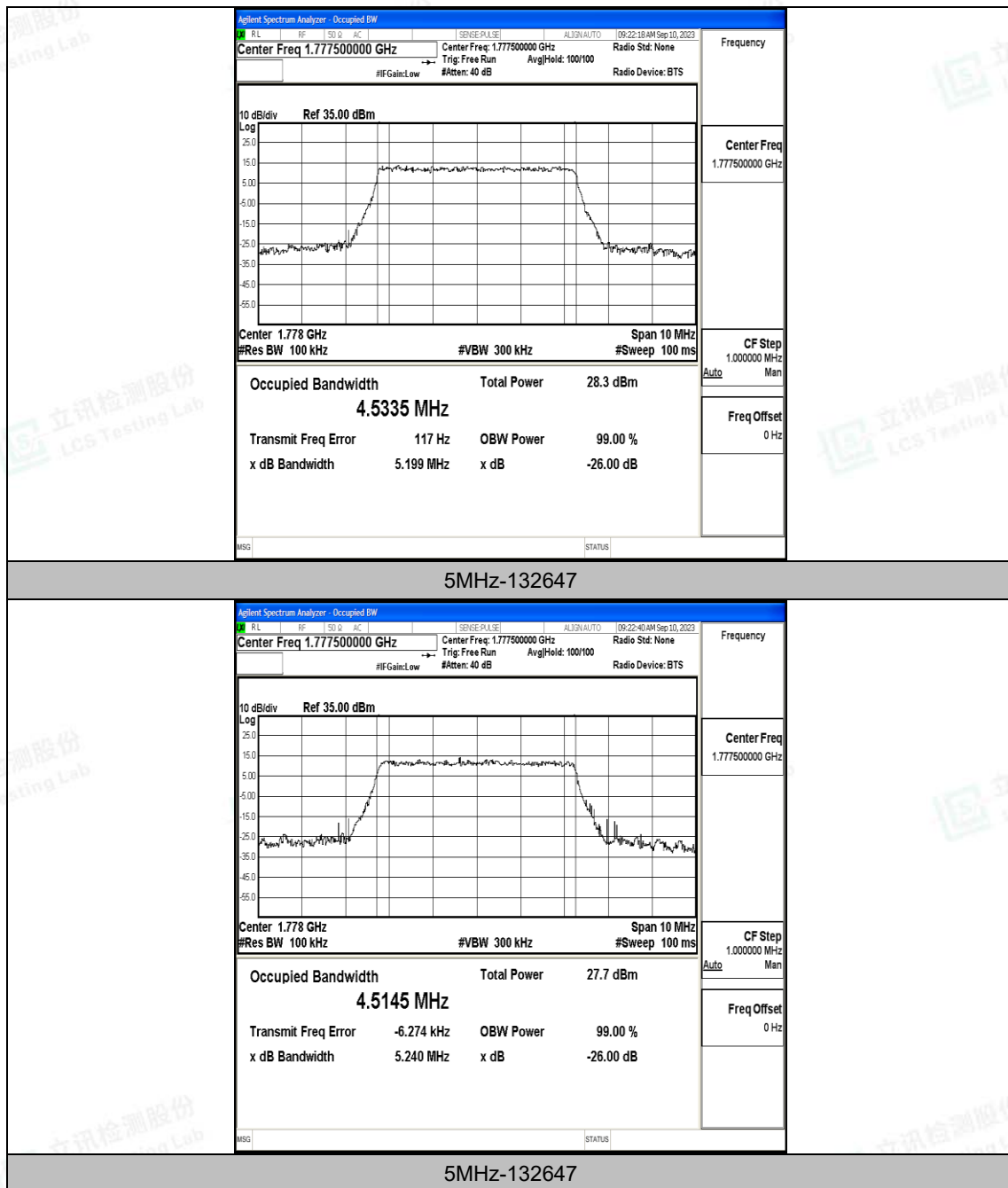


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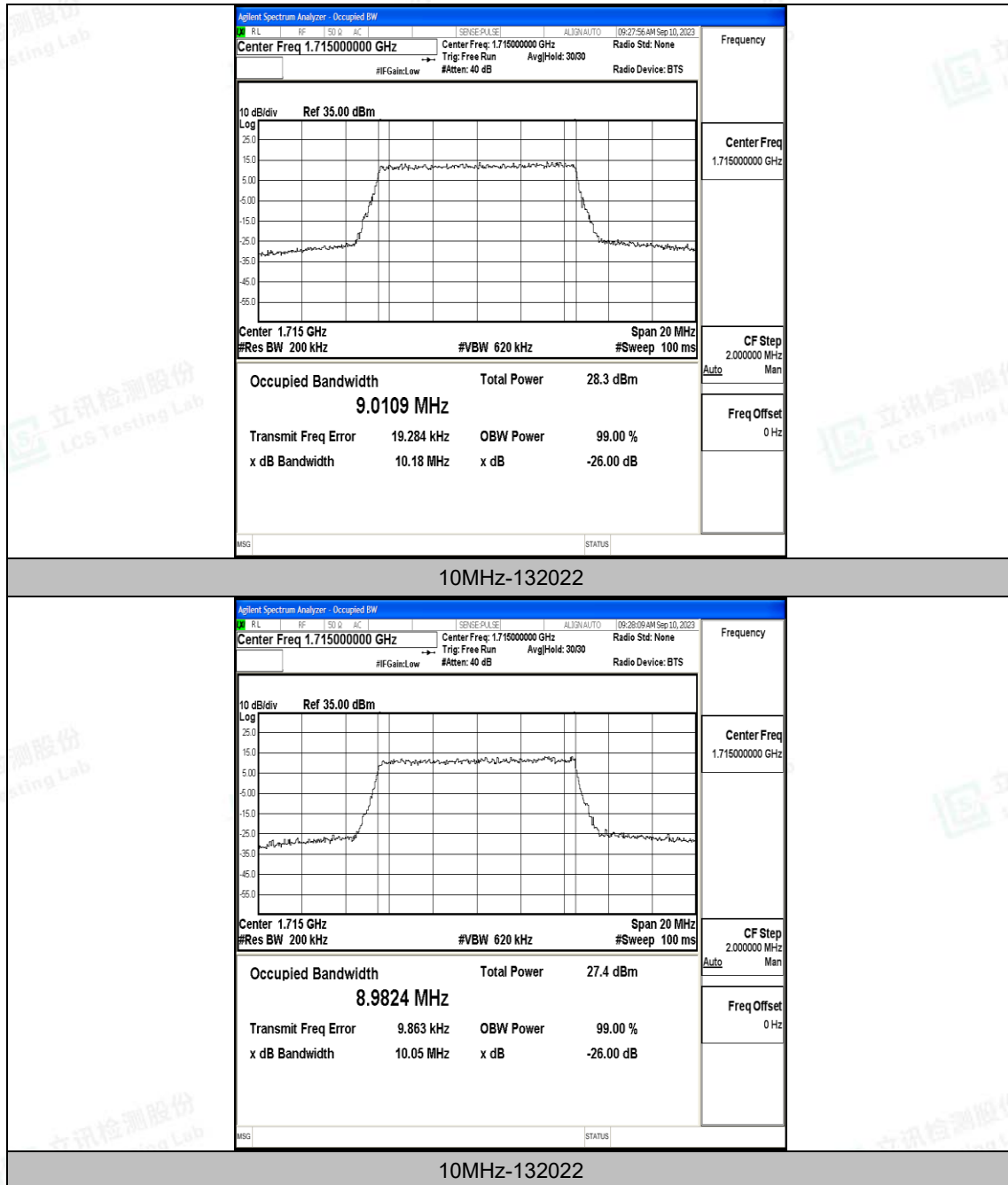


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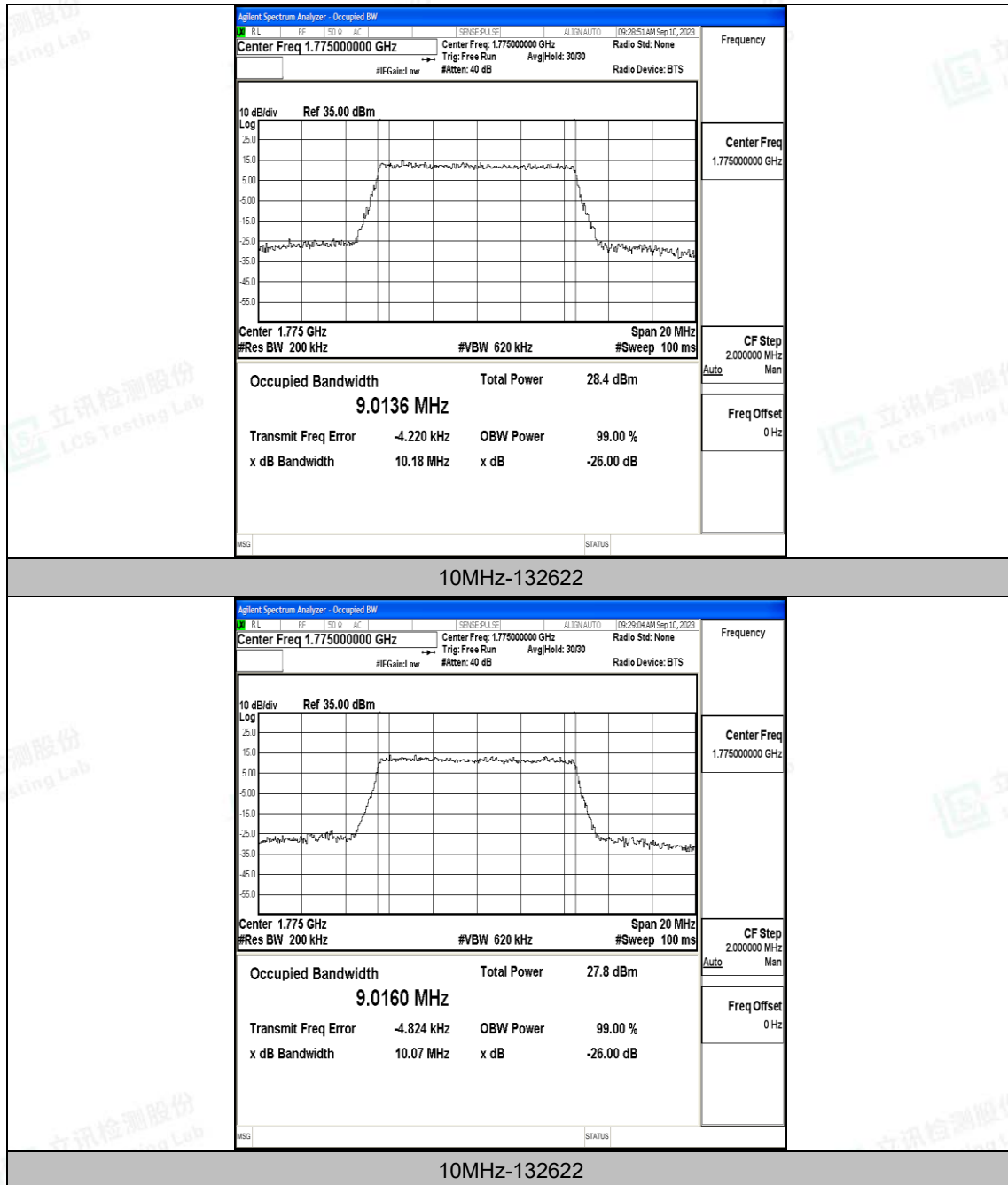


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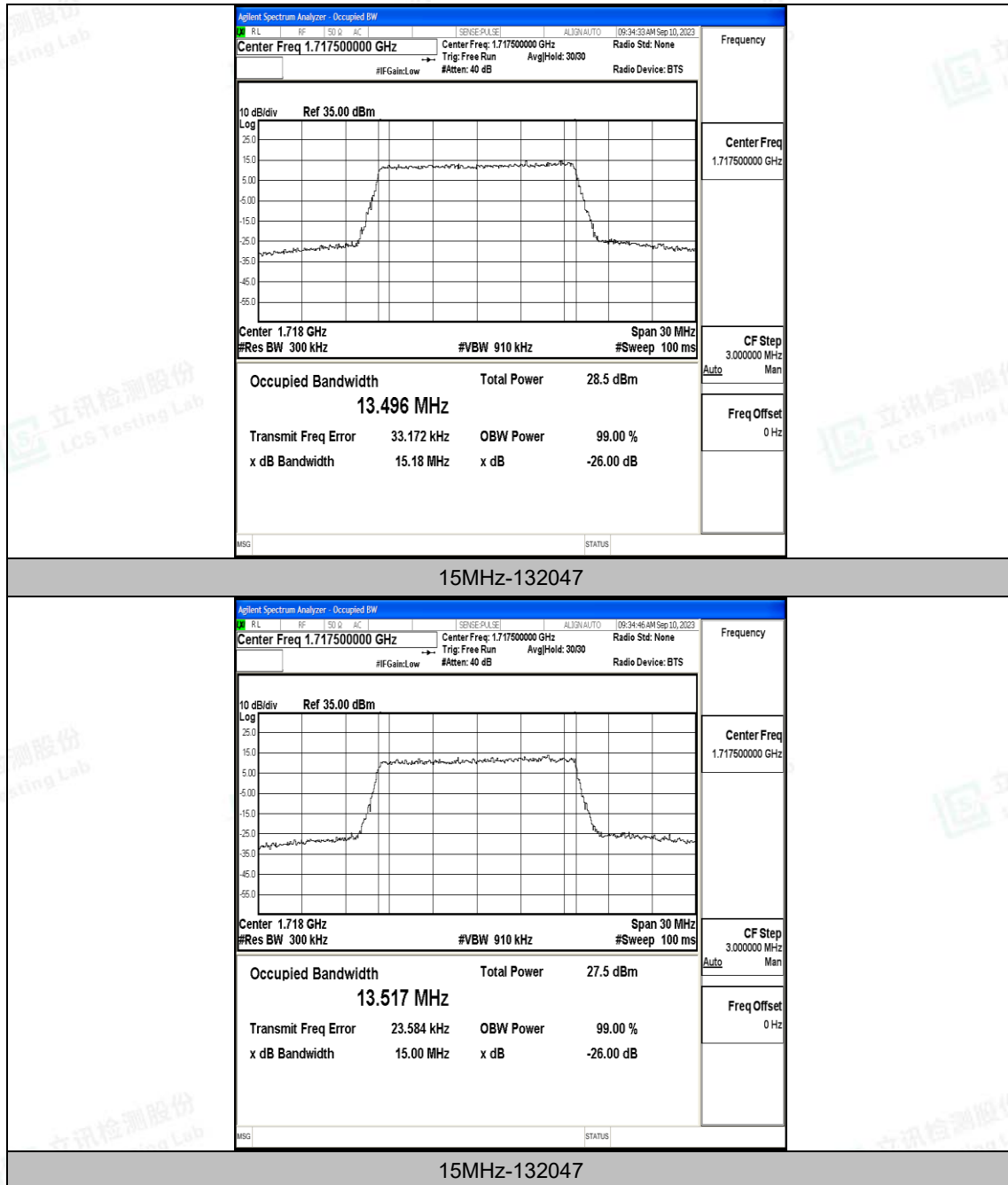


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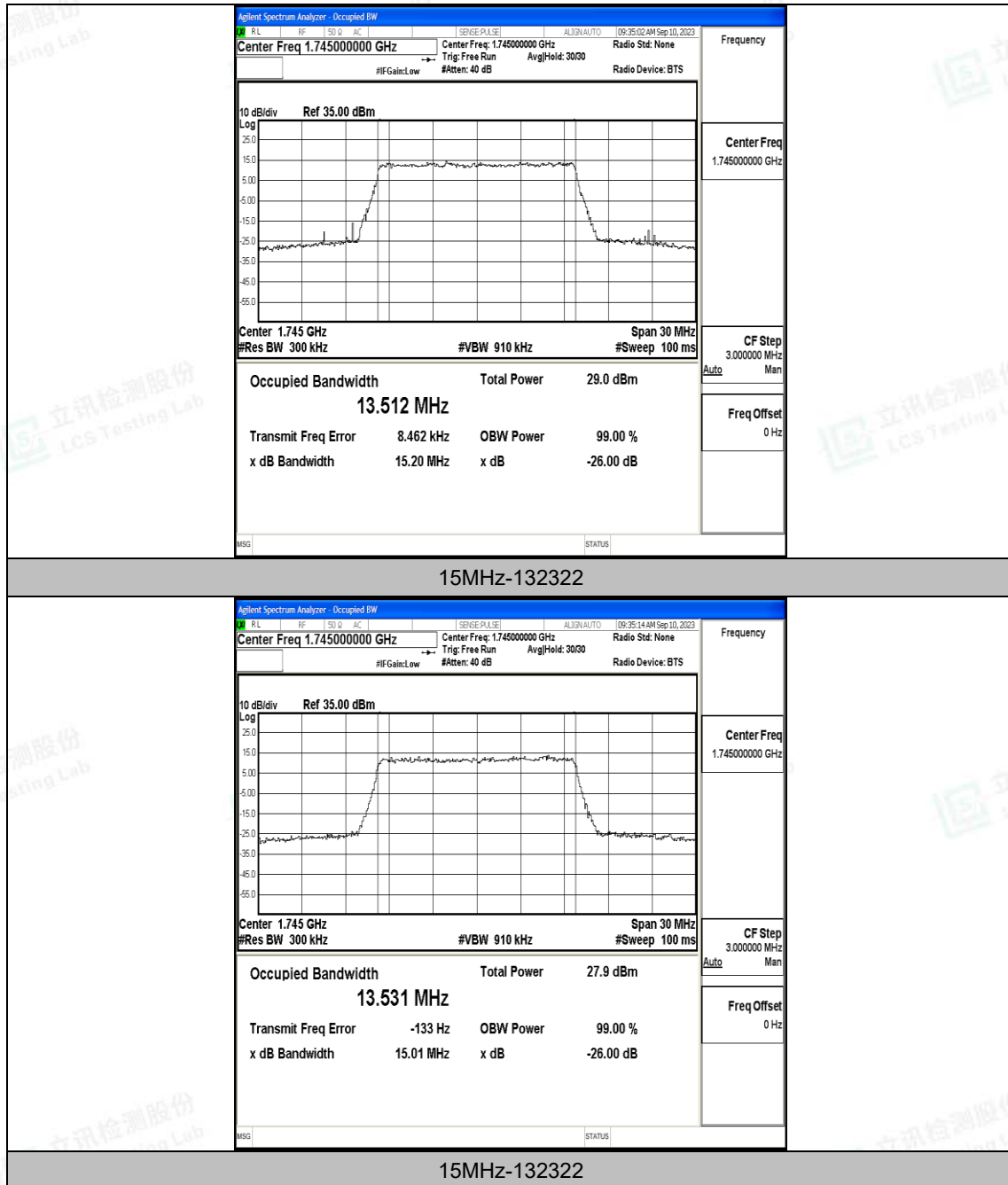


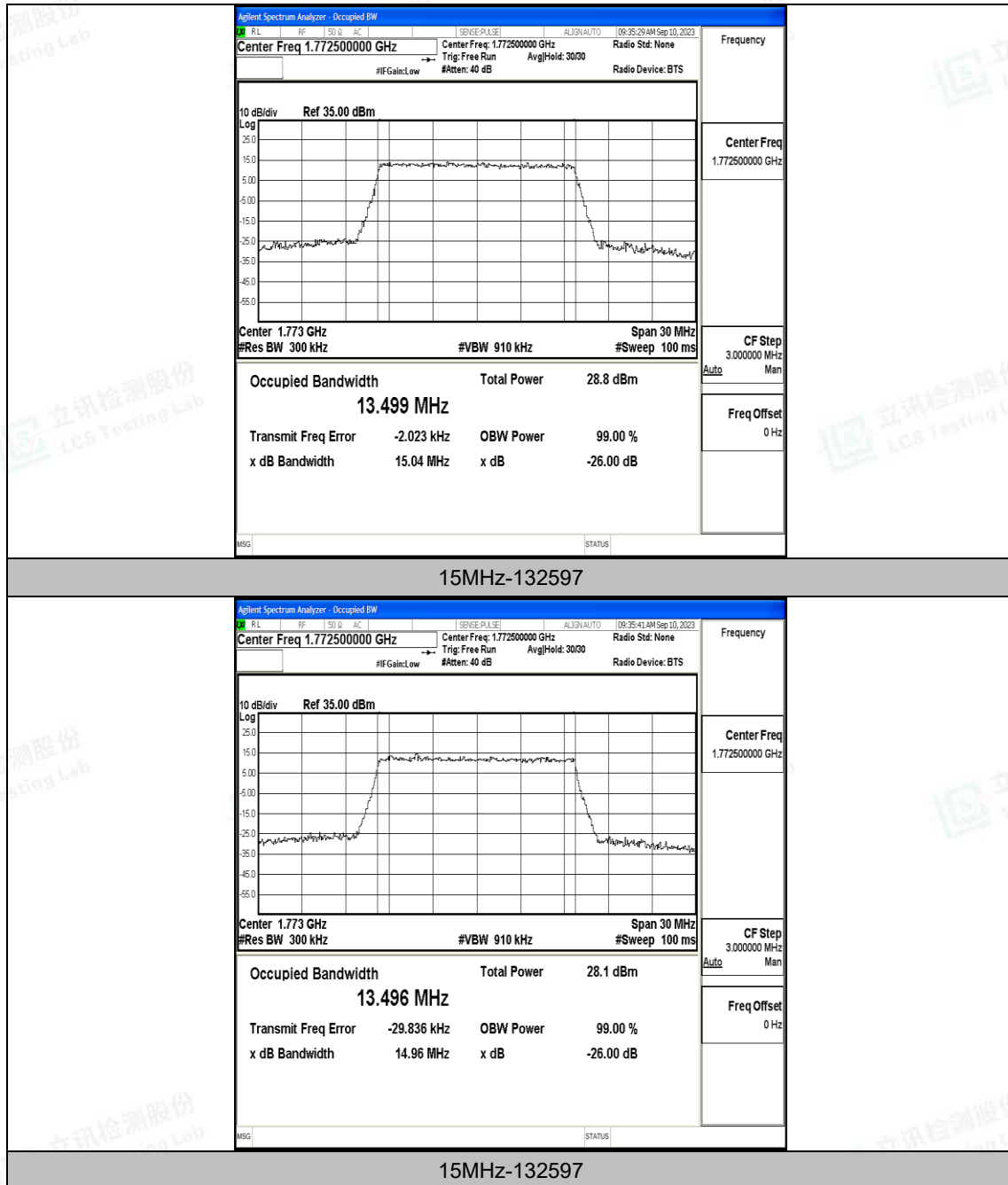
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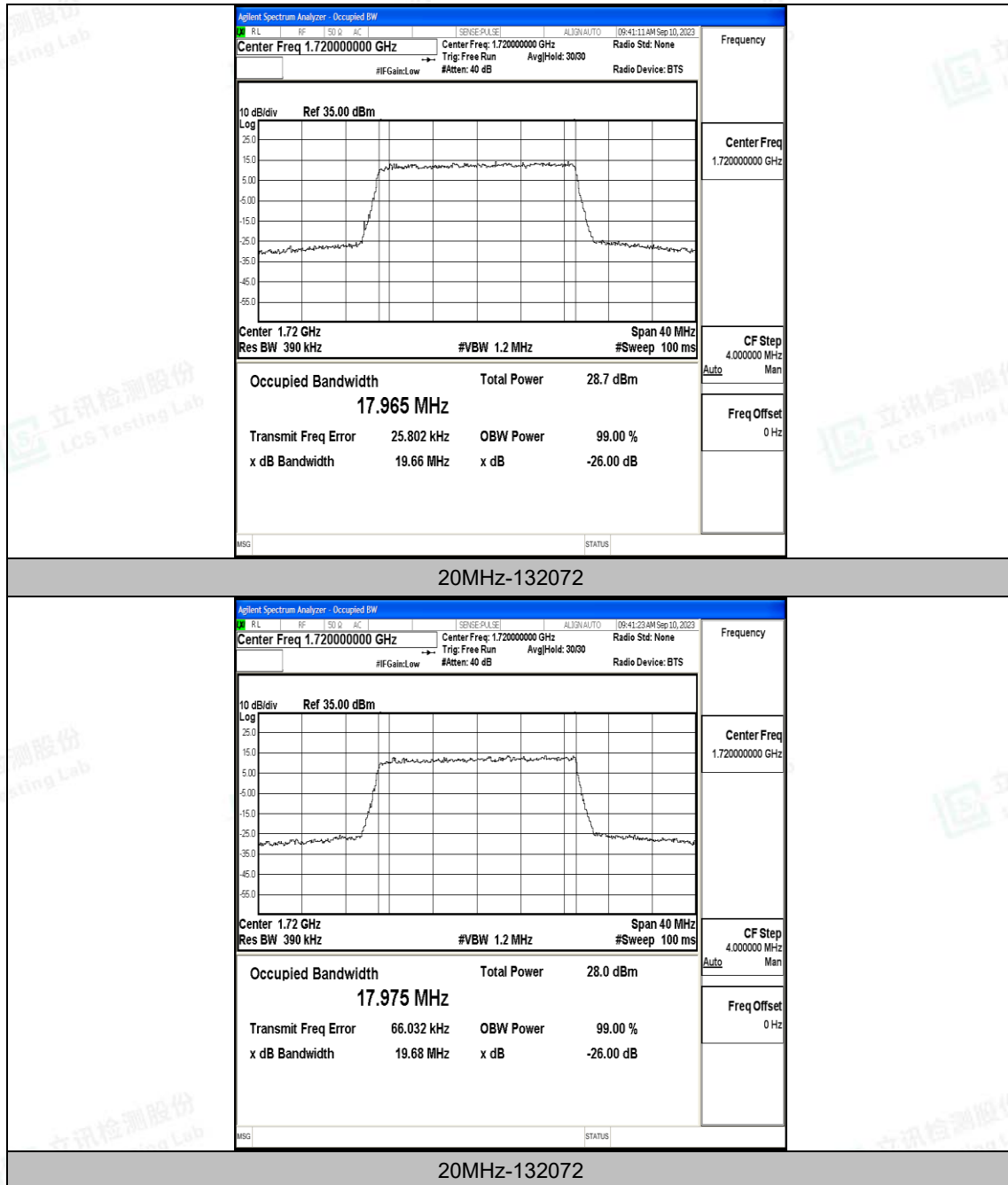


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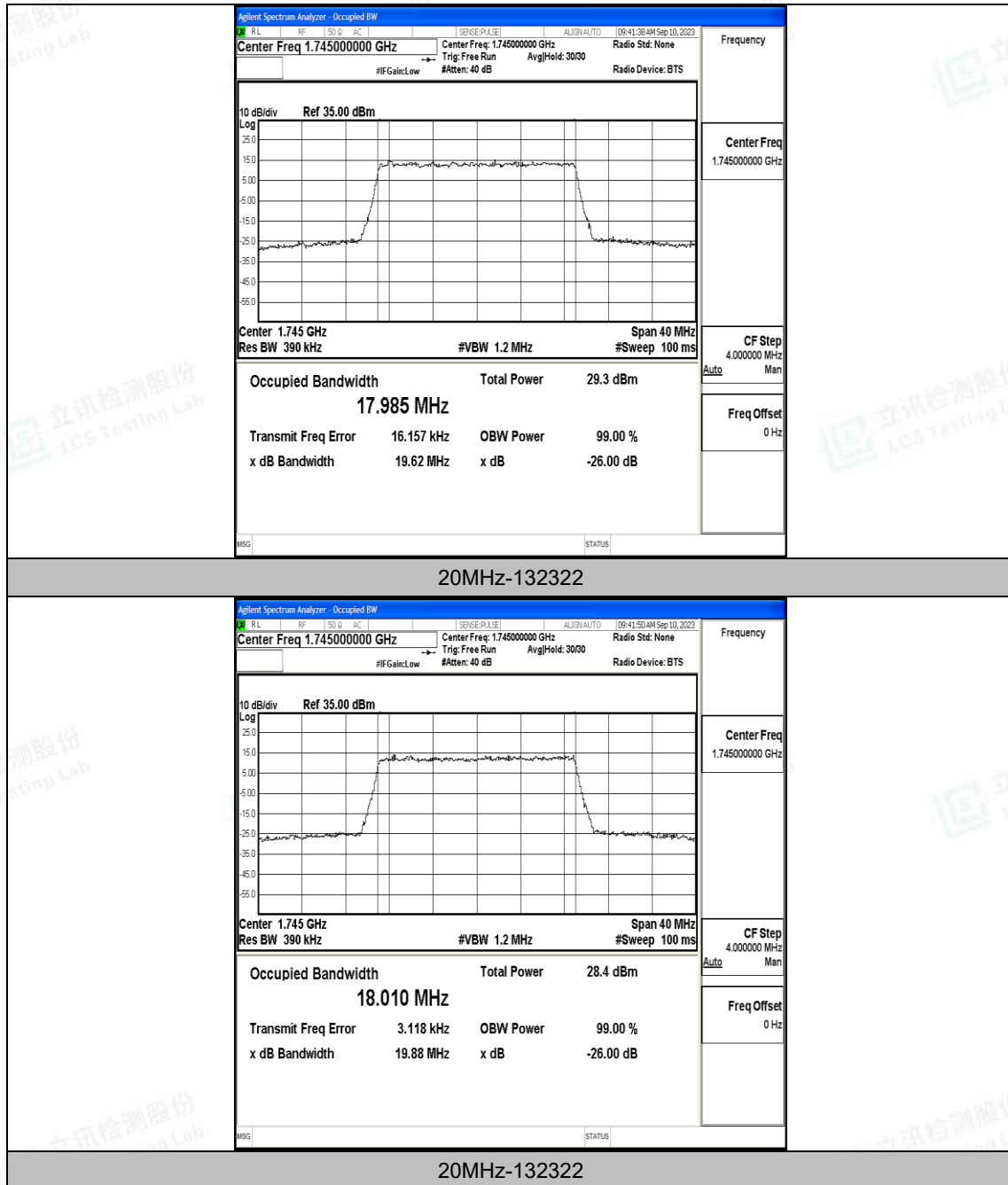


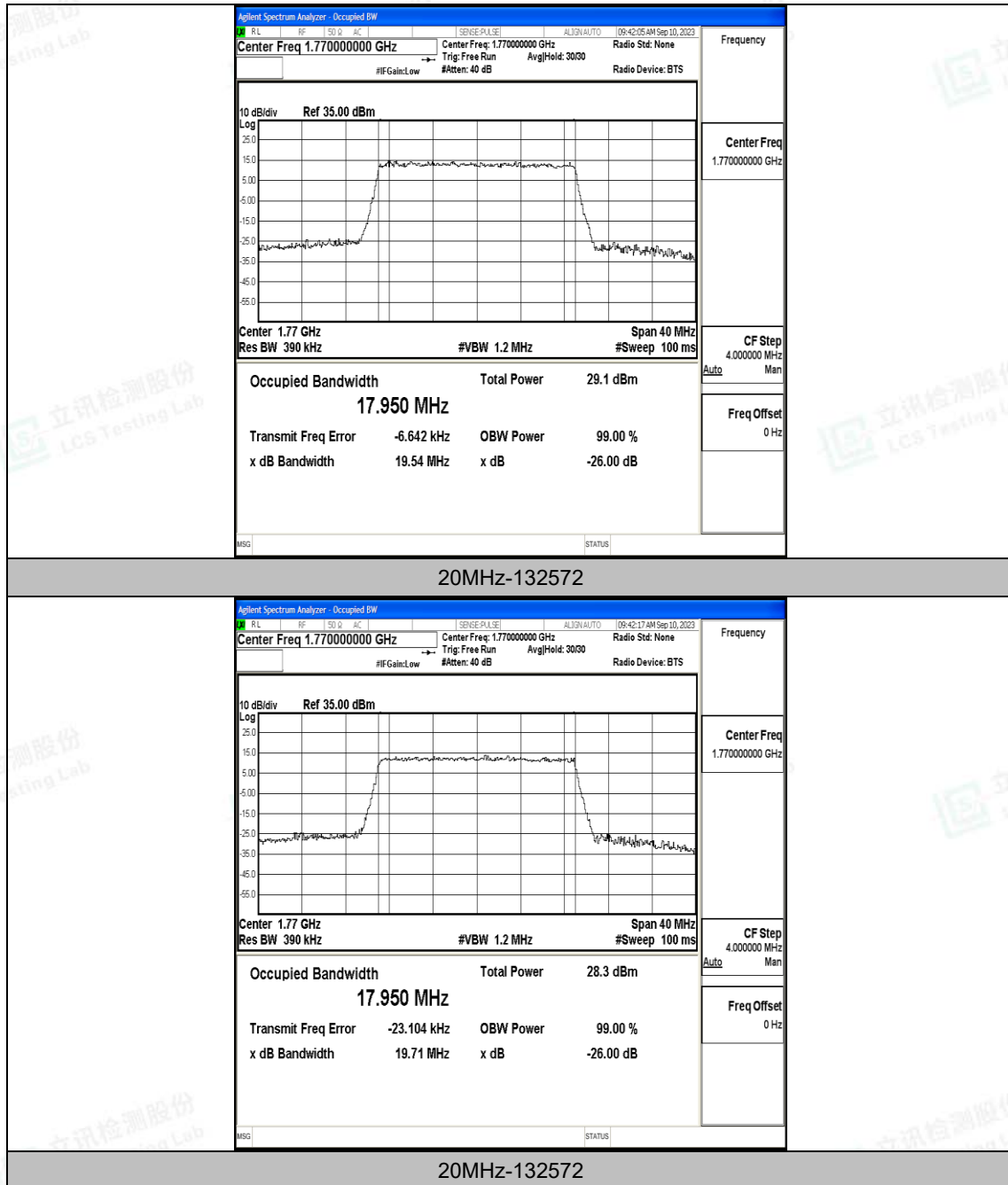
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L.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1708.95	-46.22	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1708.97	-49.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1781.03	-43.17	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1781.01	-46.17	PASS
Band66	3MHz	QPSK	131987	15RB#0	1708.93	-40.18	PASS
Band66	3MHz	16QAM	131987	15RB#0	1709.00	-39.29	PASS
Band66	3MHz	QPSK	132657	15RB#0	1781.03	-43.20	PASS
Band66	3MHz	16QAM	132657	15RB#0	1781.08	-41.19	PASS
Band66	5MHz	QPSK	131997	25RB#0	1708.95	-39.01	PASS
Band66	5MHz	16QAM	131997	25RB#0	1708.99	-38.92	PASS
Band66	5MHz	QPSK	132647	25RB#0	1780.03	-28.33	PASS
Band66	5MHz	16QAM	132647	25RB#0	1781.10	-41.35	PASS
Band66	10MHz	QPSK	132022	50RB#0	1708.71	-38.66	PASS
Band66	10MHz	16QAM	132022	50RB#0	1709.00	-39.10	PASS
Band66	10MHz	QPSK	132622	50RB#0	1781.11	-42.35	PASS
Band66	10MHz	16QAM	132622	50RB#0	1781.11	-41.80	PASS
Band66	15MHz	QPSK	132047	75RB#0	1708.83	-38.48	PASS
Band66	15MHz	16QAM	132047	75RB#0	1708.88	-38.69	PASS
Band66	15MHz	QPSK	132597	75RB#0	1781.71	-40.83	PASS
Band66	15MHz	16QAM	132597	75RB#0	1781.68	-41.80	PASS
Band66	20MHz	QPSK	132072	100RB#0	1708.88	-38.40	PASS
Band66	20MHz	16QAM	132072	100RB#0	1708.97	-38.94	PASS
Band66	20MHz	QPSK	132572	100RB#0	1781.10	-41.44	PASS
Band66	20MHz	16QAM	132572	100RB#0	1781.16	-41.29	PASS



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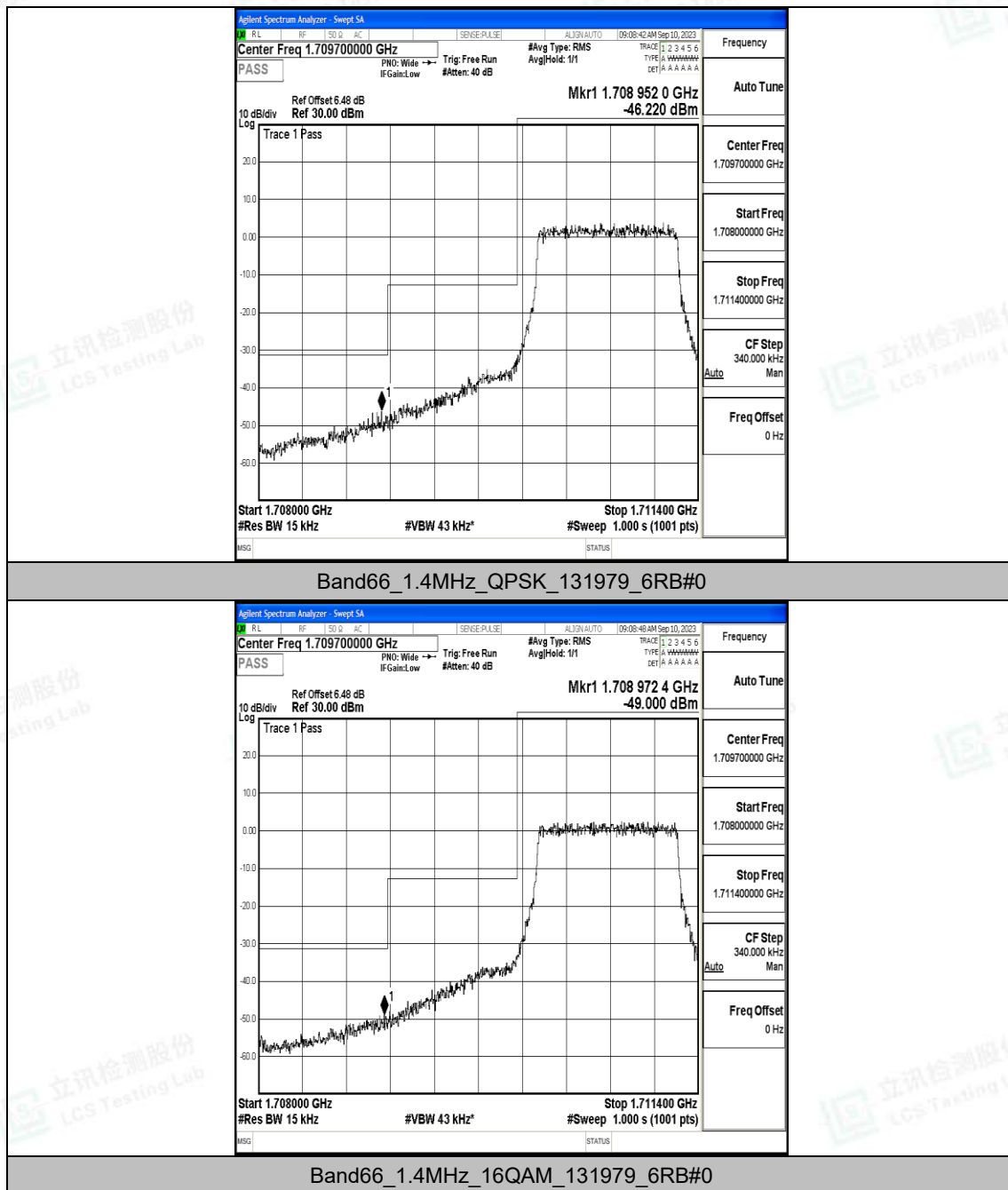
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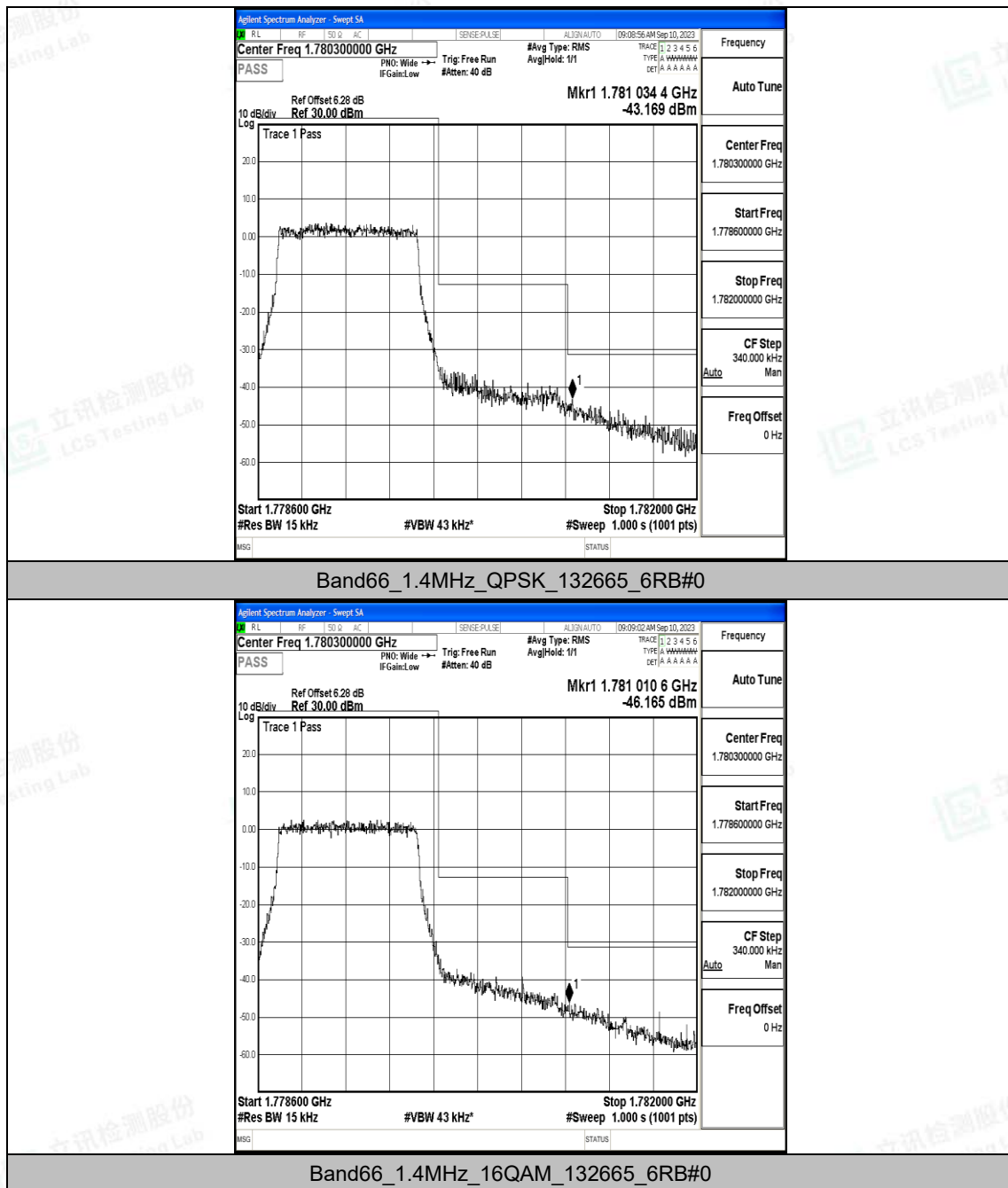
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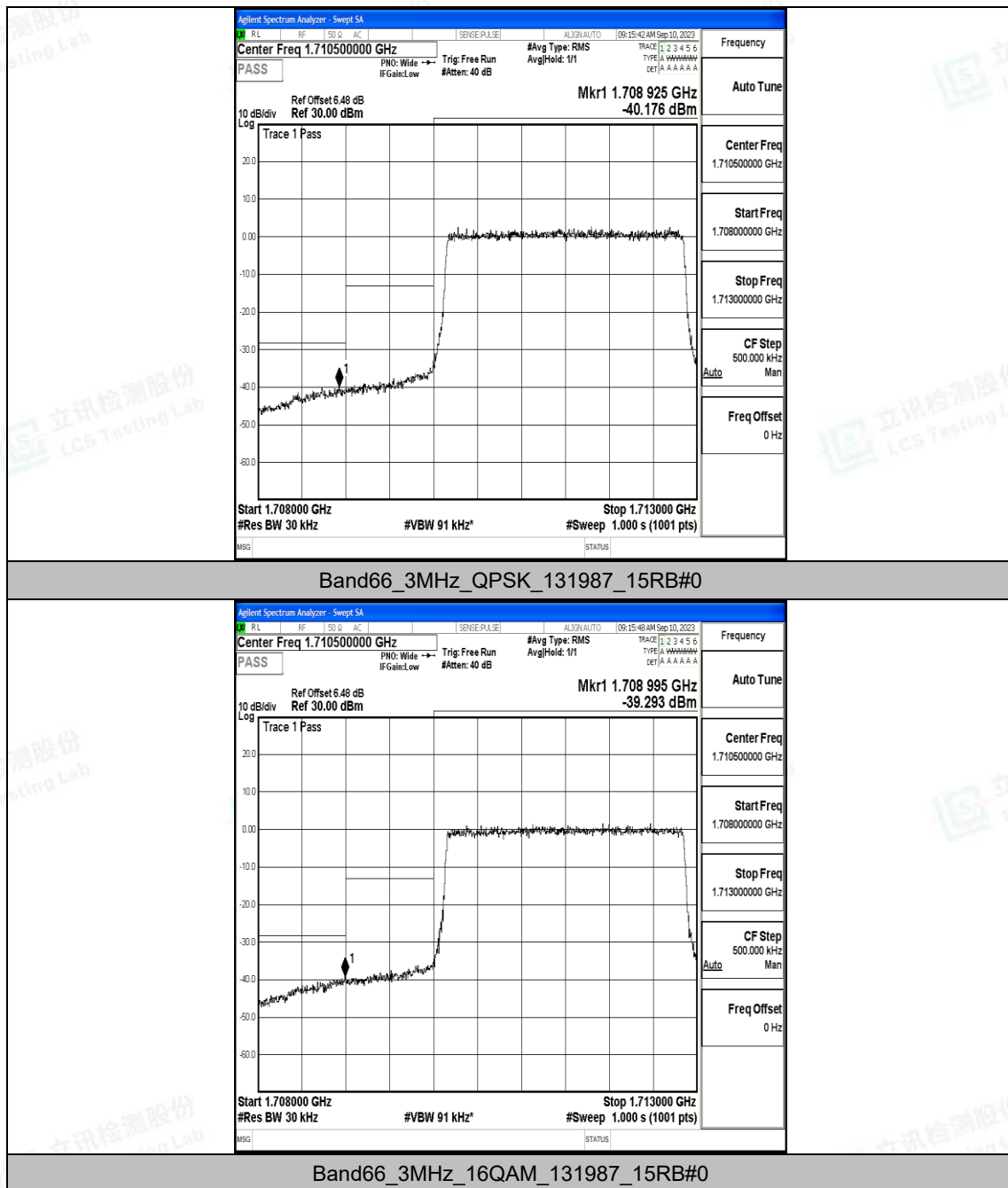
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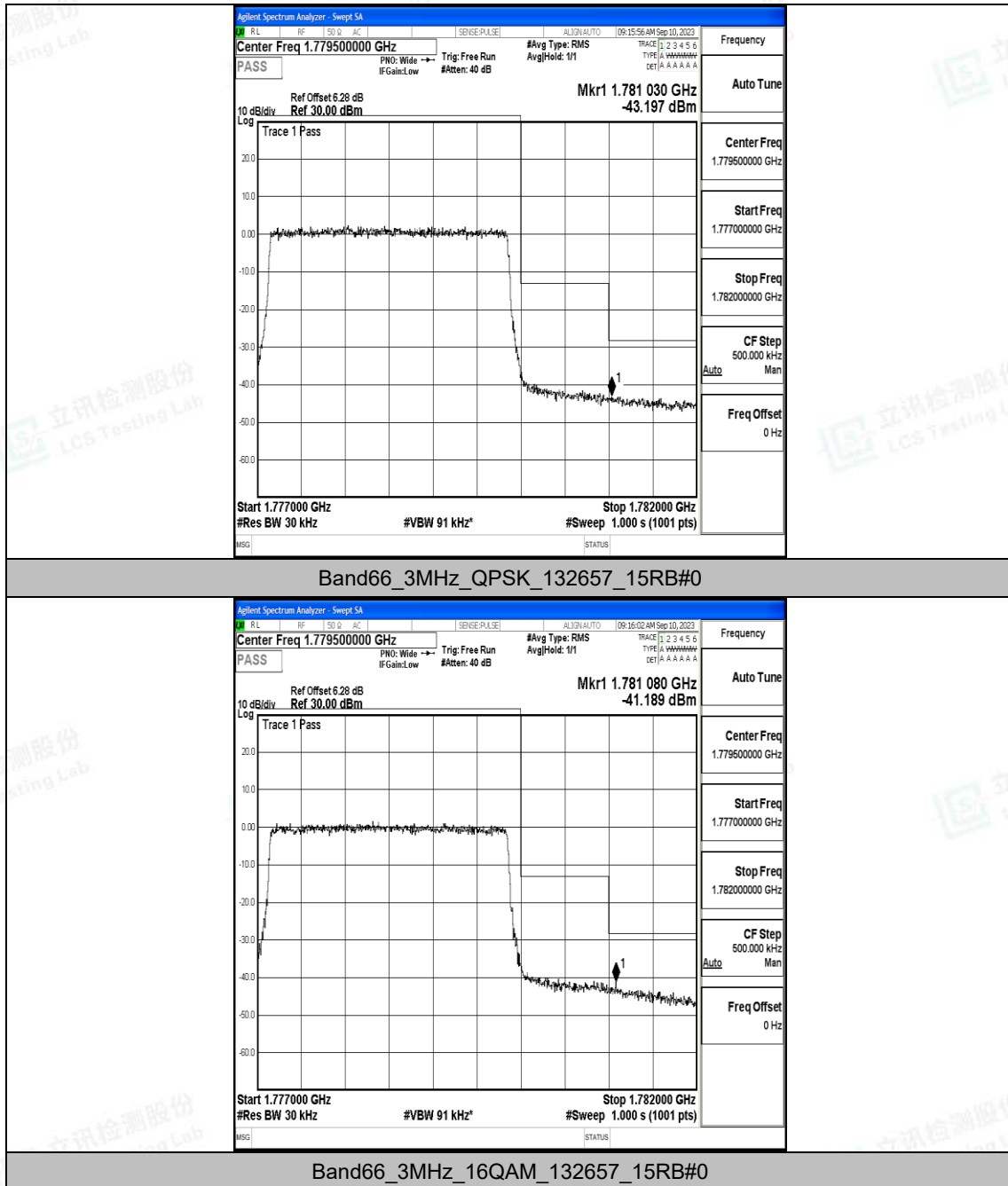


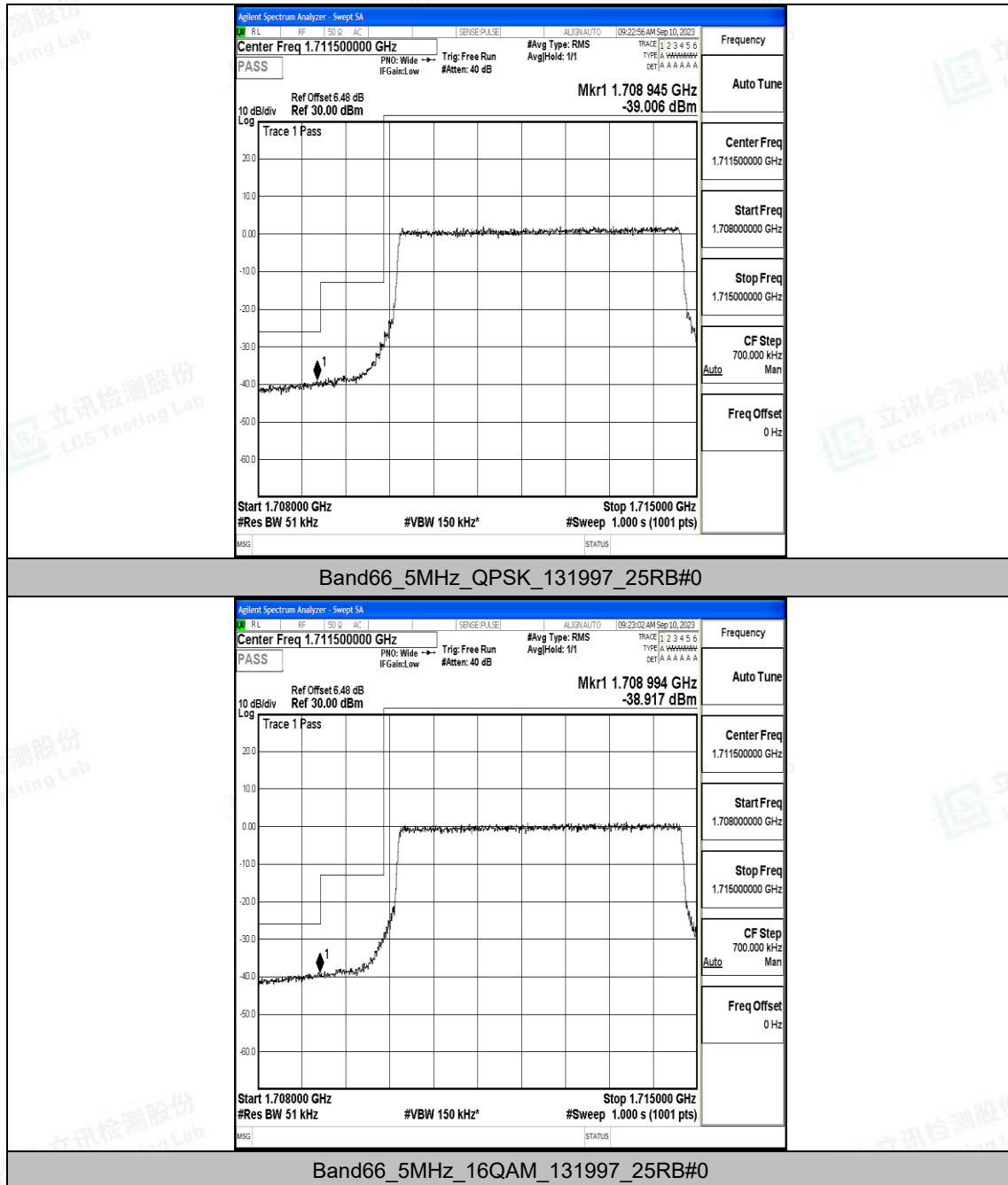
Test Graphs

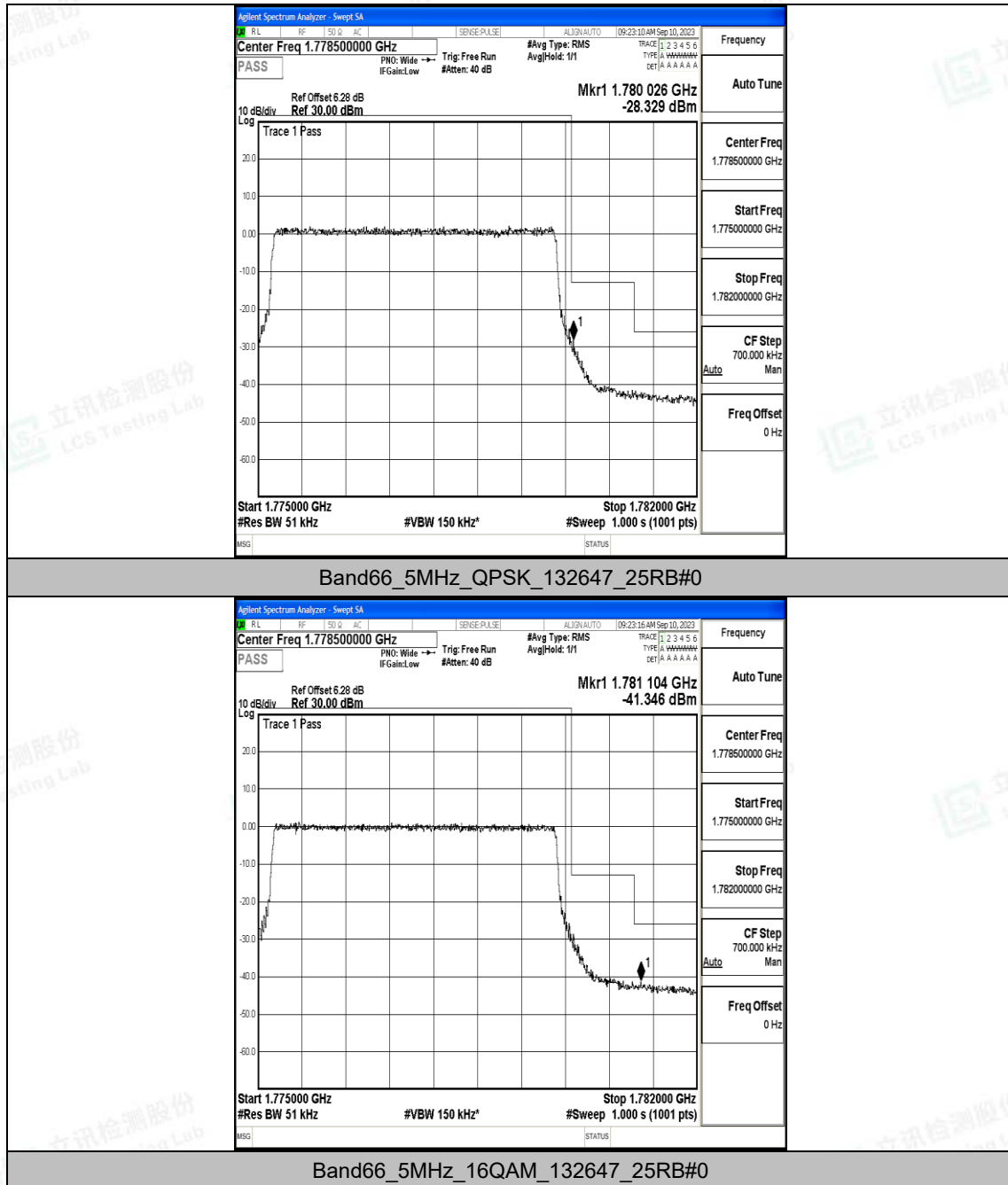


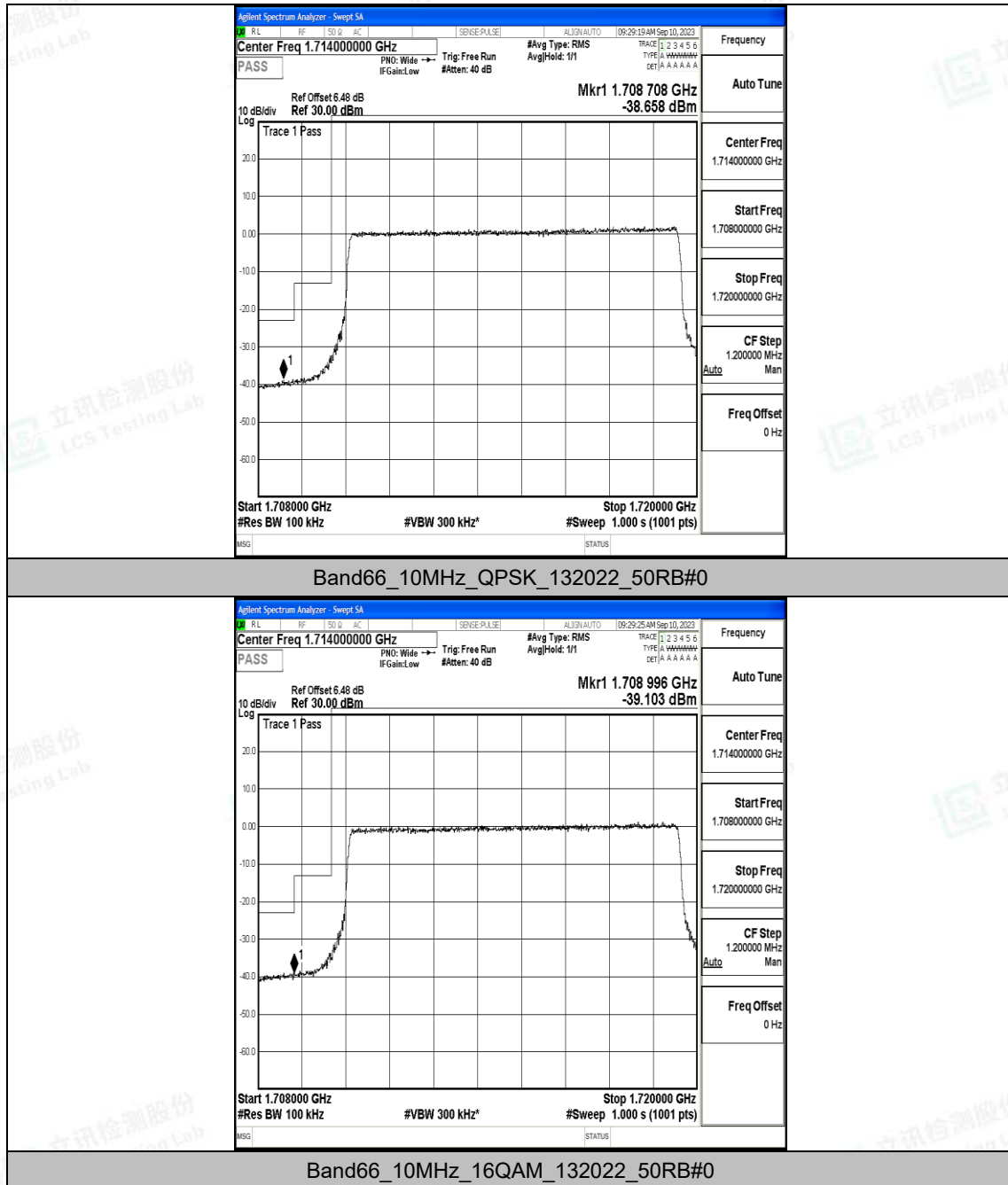


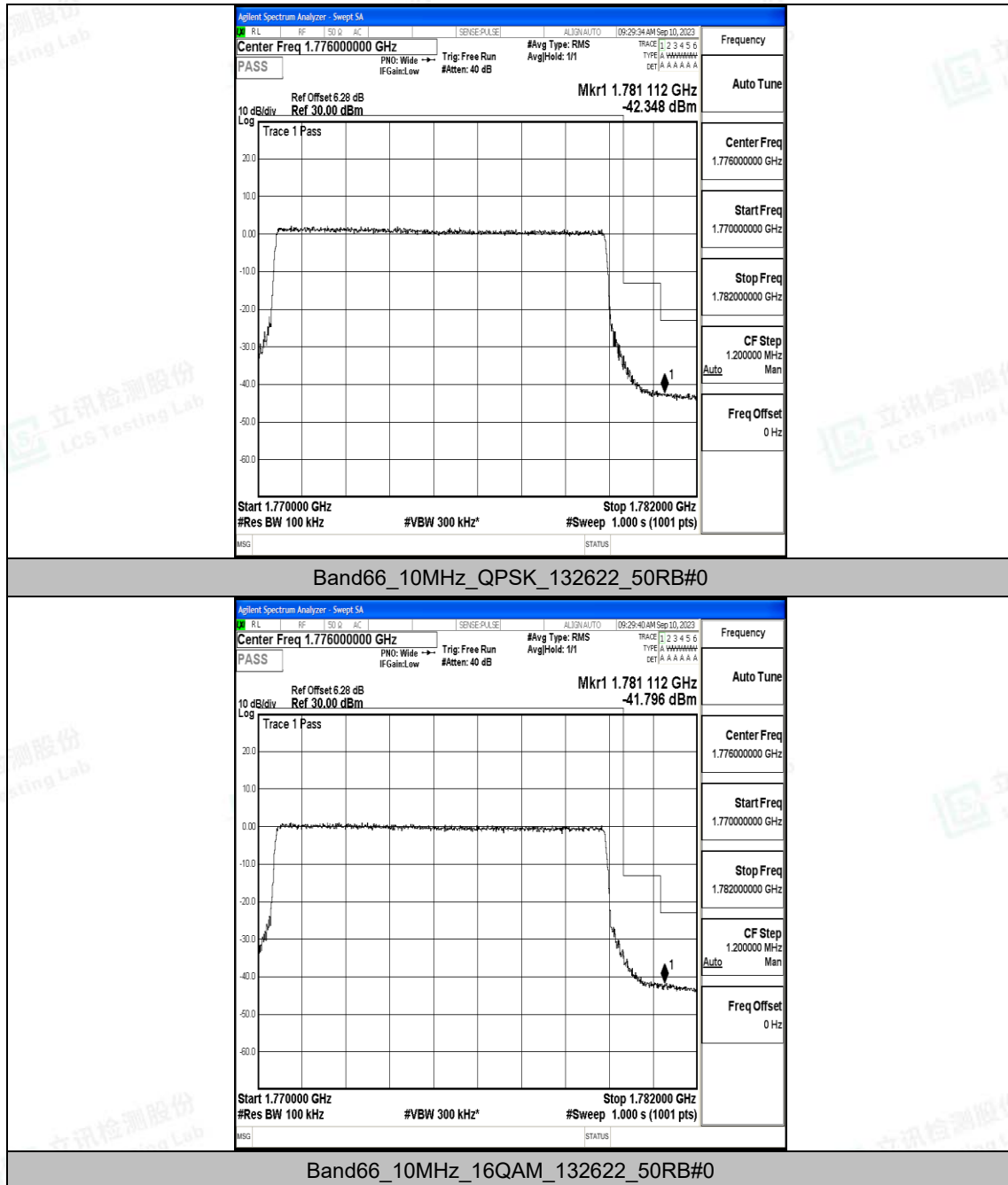


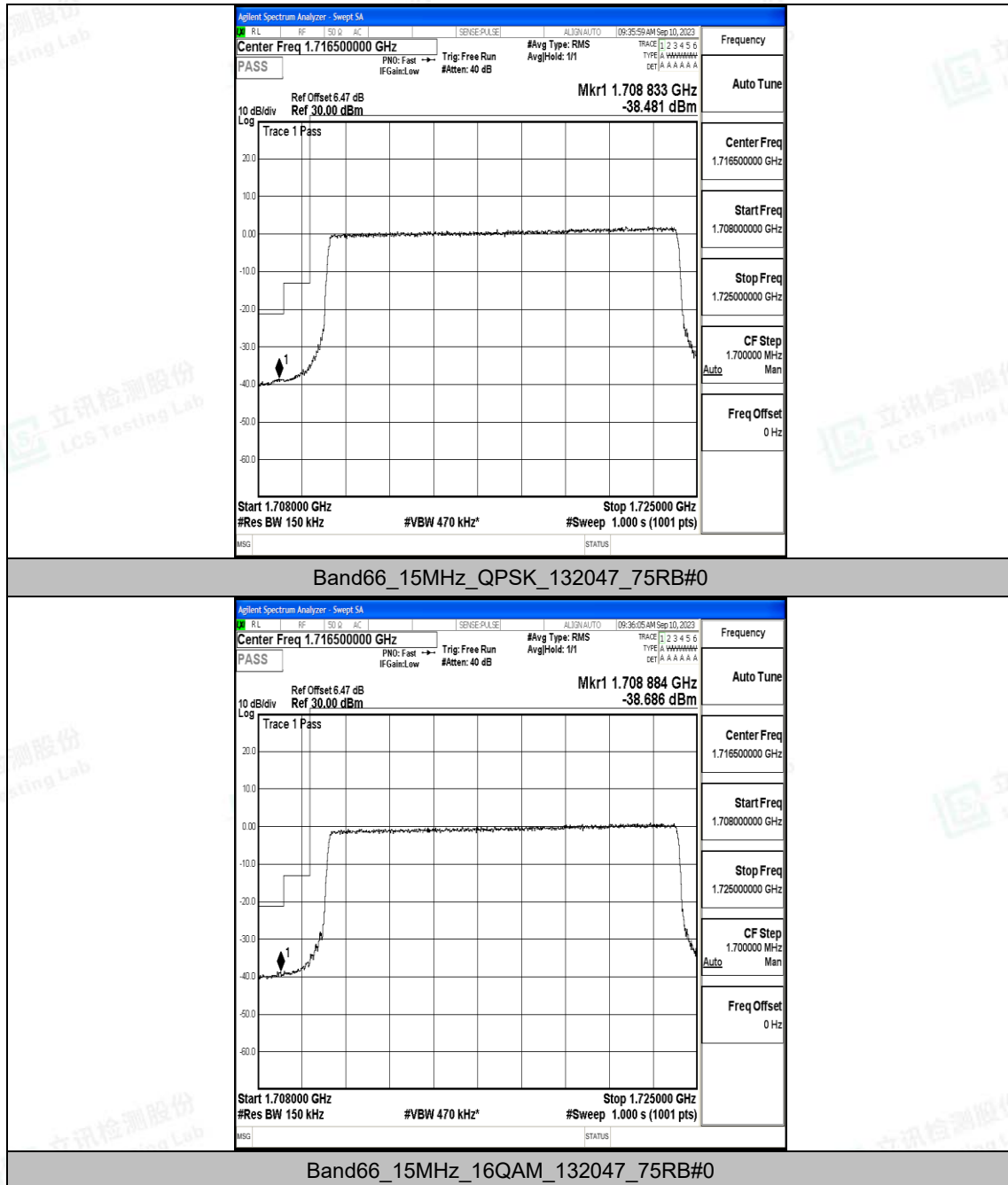










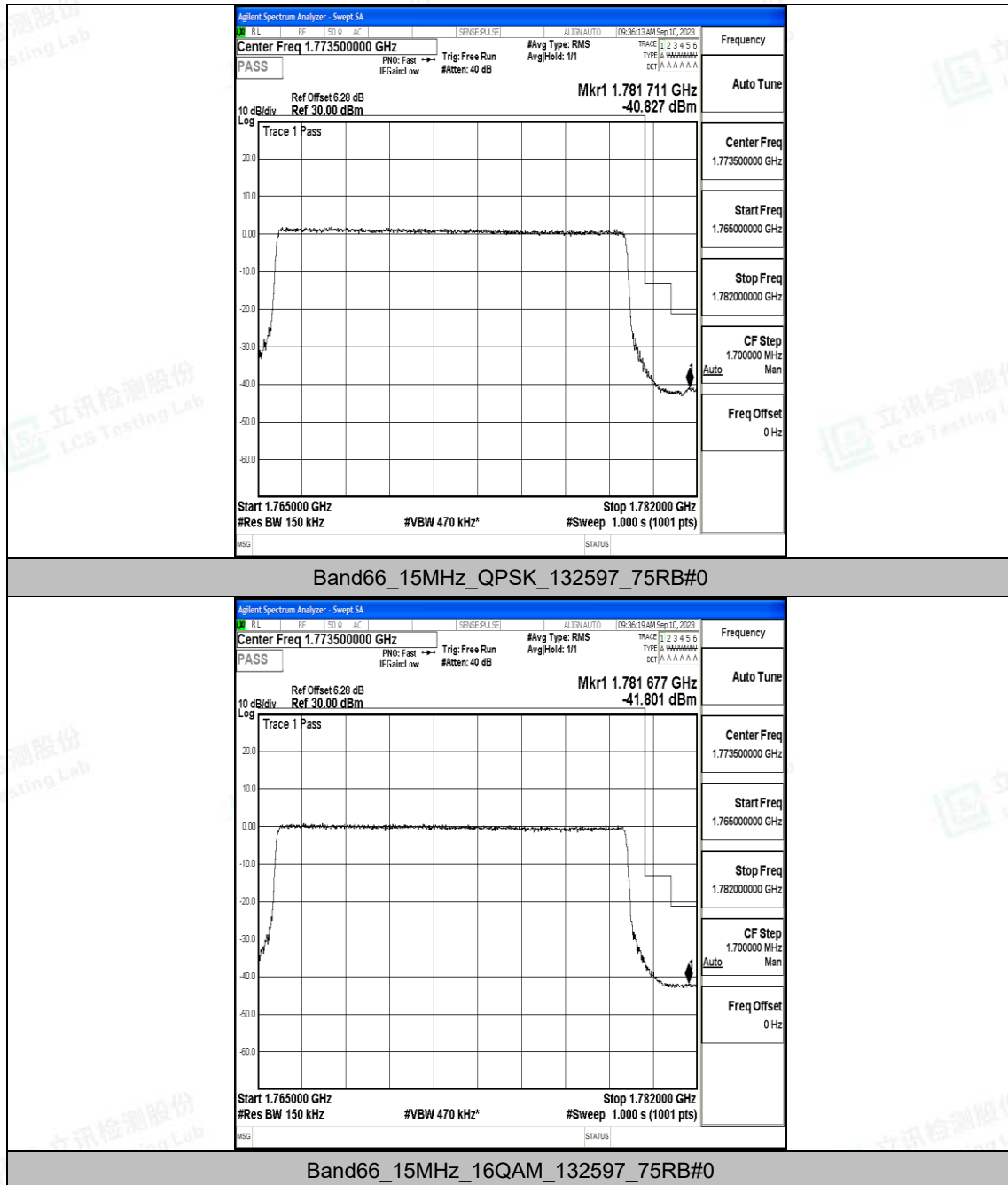


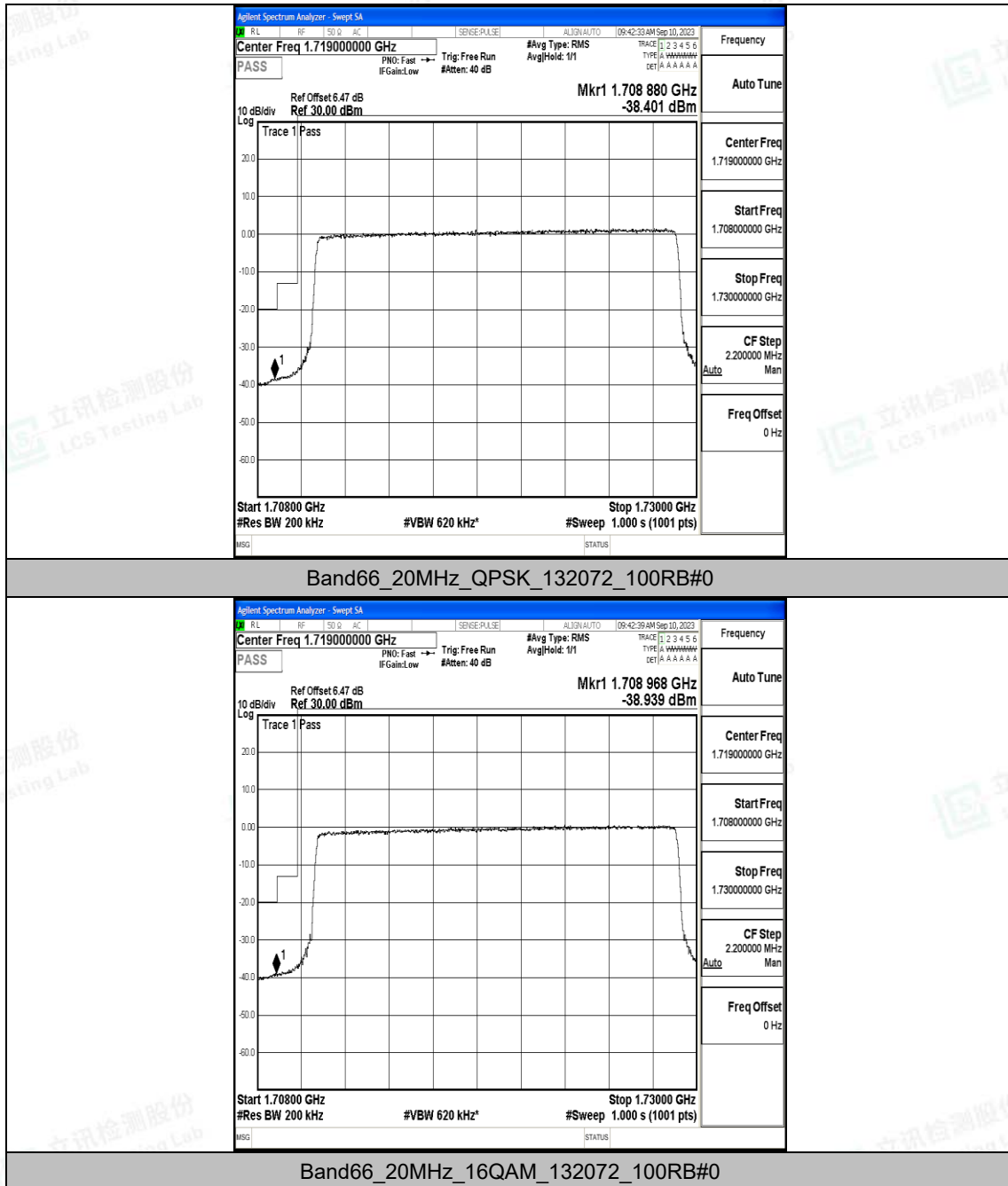
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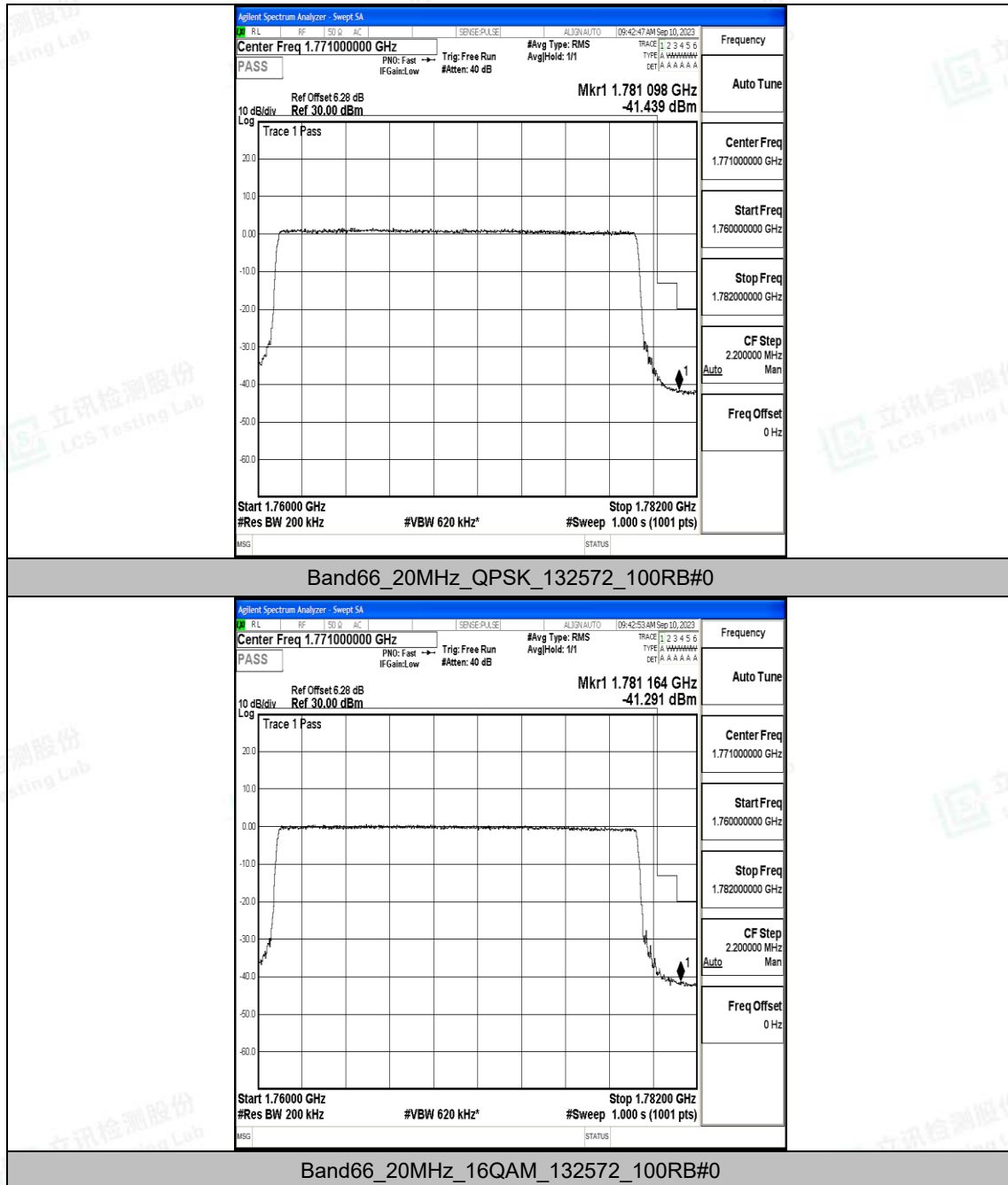
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L.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	0.009~0.15	-64.63	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	0.15~30	-54.38	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	30~1000	-54.61	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	1000~3000	-40.28	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	3000~20000	-34.40	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	0.009~0.15	-65.91	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	0.15~30	-54.05	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	30~1000	-54.58	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	1000~3000	-41.82	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	3000~20000	-34.67	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	0.009~0.15	-62.61	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	0.15~30	-54.66	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	30~1000	-54.59	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	1000~3000	-41.80	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3000~20000	-34.83	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	0.009~0.15	-63.53	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	0.15~30	-54.95	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	30~1000	-54.67	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	1000~3000	-41.43	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	3000~20000	-34.88	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	0.009~0.15	-64.97	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	0.15~30	-54.72	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	30~1000	-54.67	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	1000~3000	-41.45	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3000~20000	-34.90	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	0.009~0.15	-65.57	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	0.15~30	-55.07	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	30~1000	-54.73	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	1000~3000	-41.85	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	3000~20000	-34.45	PASS
Band66	3MHz	QPSK	131987	1RB#0	0.009~0.15	-64.90	PASS
Band66	3MHz	QPSK	131987	1RB#0	0.15~30	-54.18	PASS
Band66	3MHz	QPSK	131987	1RB#0	30~1000	-54.64	PASS
Band66	3MHz	QPSK	131987	1RB#0	1000~3000	-42.71	PASS
Band66	3MHz	QPSK	131987	1RB#0	3000~20000	-34.76	PASS



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Band66	3MHz	16QAM	131987	1RB#0	0.009~0.15	-65.80	PASS
Band66	3MHz	16QAM	131987	1RB#0	0.15~30	-55.47	PASS
Band66	3MHz	16QAM	131987	1RB#0	30~1000	-54.52	PASS
Band66	3MHz	16QAM	131987	1RB#0	1000~3000	-40.43	PASS
Band66	3MHz	16QAM	131987	1RB#0	3000~20000	-34.61	PASS
Band66	3MHz	QPSK	132322	1RB#0	0.009~0.15	-63.03	PASS
Band66	3MHz	QPSK	132322	1RB#0	0.15~30	-53.07	PASS
Band66	3MHz	QPSK	132322	1RB#0	30~1000	-54.67	PASS
Band66	3MHz	QPSK	132322	1RB#0	1000~3000	-42.81	PASS
Band66	3MHz	QPSK	132322	1RB#0	3000~20000	-34.76	PASS
Band66	3MHz	16QAM	132322	1RB#0	0.009~0.15	-60.91	PASS
Band66	3MHz	16QAM	132322	1RB#0	0.15~30	-52.87	PASS
Band66	3MHz	16QAM	132322	1RB#0	30~1000	-54.64	PASS
Band66	3MHz	16QAM	132322	1RB#0	1000~3000	-41.28	PASS
Band66	3MHz	16QAM	132322	1RB#0	3000~20000	-35.01	PASS
Band66	3MHz	QPSK	132657	1RB#0	0.009~0.15	-62.83	PASS
Band66	3MHz	QPSK	132657	1RB#0	0.15~30	-53.89	PASS
Band66	3MHz	QPSK	132657	1RB#0	30~1000	-54.64	PASS
Band66	3MHz	QPSK	132657	1RB#0	1000~3000	-47.57	PASS
Band66	3MHz	QPSK	132657	1RB#0	3000~20000	-34.44	PASS
Band66	3MHz	16QAM	132657	1RB#0	0.009~0.15	-65.43	PASS
Band66	3MHz	16QAM	132657	1RB#0	0.15~30	-52.38	PASS
Band66	3MHz	16QAM	132657	1RB#0	30~1000	-54.56	PASS
Band66	3MHz	16QAM	132657	1RB#0	1000~3000	-47.33	PASS
Band66	3MHz	16QAM	132657	1RB#0	3000~20000	-34.92	PASS
Band66	5MHz	QPSK	131997	1RB#0	0.009~0.15	-64.78	PASS
Band66	5MHz	QPSK	131997	1RB#0	0.15~30	-54.05	PASS
Band66	5MHz	QPSK	131997	1RB#0	30~1000	-54.63	PASS
Band66	5MHz	QPSK	131997	1RB#0	1000~3000	-39.11	PASS
Band66	5MHz	QPSK	131997	1RB#0	3000~20000	-34.25	PASS
Band66	5MHz	16QAM	131997	1RB#0	0.009~0.15	-61.71	PASS
Band66	5MHz	16QAM	131997	1RB#0	0.15~30	-54.11	PASS
Band66	5MHz	16QAM	131997	1RB#0	30~1000	-54.69	PASS
Band66	5MHz	16QAM	131997	1RB#0	1000~3000	-39.99	PASS
Band66	5MHz	16QAM	131997	1RB#0	3000~20000	-34.57	PASS
Band66	5MHz	QPSK	132322	1RB#0	0.009~0.15	-64.39	PASS
Band66	5MHz	QPSK	132322	1RB#0	0.15~30	-53.61	PASS
Band66	5MHz	QPSK	132322	1RB#0	30~1000	-54.71	PASS
Band66	5MHz	QPSK	132322	1RB#0	1000~3000	-44.36	PASS
Band66	5MHz	QPSK	132322	1RB#0	3000~20000	-34.93	PASS



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Band66	5MHz	16QAM	132322	1RB#0	0.009~0.15	-64.31	PASS
Band66	5MHz	16QAM	132322	1RB#0	0.15~30	-55.84	PASS
Band66	5MHz	16QAM	132322	1RB#0	30~1000	-54.63	PASS
Band66	5MHz	16QAM	132322	1RB#0	1000~3000	-49.45	PASS
Band66	5MHz	16QAM	132322	1RB#0	3000~20000	-34.84	PASS
Band66	5MHz	QPSK	132647	1RB#0	0.009~0.15	-64.54	PASS
Band66	5MHz	QPSK	132647	1RB#0	0.15~30	-54.23	PASS
Band66	5MHz	QPSK	132647	1RB#0	30~1000	-54.62	PASS
Band66	5MHz	QPSK	132647	1RB#0	1000~3000	-48.42	PASS
Band66	5MHz	QPSK	132647	1RB#0	3000~20000	-34.89	PASS
Band66	5MHz	16QAM	132647	1RB#0	0.009~0.15	-63.56	PASS
Band66	5MHz	16QAM	132647	1RB#0	0.15~30	-54.78	PASS
Band66	5MHz	16QAM	132647	1RB#0	30~1000	-54.64	PASS
Band66	5MHz	16QAM	132647	1RB#0	1000~3000	-49.48	PASS
Band66	5MHz	16QAM	132647	1RB#0	3000~20000	-35.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	0.009~0.15	-63.83	PASS
Band66	10MHz	QPSK	132022	1RB#0	0.15~30	-54.88	PASS
Band66	10MHz	QPSK	132022	1RB#0	30~1000	-54.57	PASS
Band66	10MHz	QPSK	132022	1RB#0	1000~3000	-47.88	PASS
Band66	10MHz	QPSK	132022	1RB#0	3000~20000	-34.20	PASS
Band66	10MHz	16QAM	132022	1RB#0	0.009~0.15	-64.85	PASS
Band66	10MHz	16QAM	132022	1RB#0	0.15~30	-53.56	PASS
Band66	10MHz	16QAM	132022	1RB#0	30~1000	-54.72	PASS
Band66	10MHz	16QAM	132022	1RB#0	1000~3000	-48.73	PASS
Band66	10MHz	16QAM	132022	1RB#0	3000~20000	-34.95	PASS
Band66	10MHz	QPSK	132322	1RB#0	0.009~0.15	-63.55	PASS
Band66	10MHz	QPSK	132322	1RB#0	0.15~30	-54.02	PASS
Band66	10MHz	QPSK	132322	1RB#0	30~1000	-54.59	PASS
Band66	10MHz	QPSK	132322	1RB#0	1000~3000	-49.22	PASS
Band66	10MHz	QPSK	132322	1RB#0	3000~20000	-34.56	PASS
Band66	10MHz	16QAM	132322	1RB#0	0.009~0.15	-61.89	PASS
Band66	10MHz	16QAM	132322	1RB#0	0.15~30	-54.61	PASS
Band66	10MHz	16QAM	132322	1RB#0	30~1000	-54.67	PASS
Band66	10MHz	16QAM	132322	1RB#0	1000~3000	-47.69	PASS
Band66	10MHz	16QAM	132322	1RB#0	3000~20000	-34.72	PASS
Band66	10MHz	QPSK	132622	1RB#0	0.009~0.15	-63.36	PASS
Band66	10MHz	QPSK	132622	1RB#0	0.15~30	-54.45	PASS
Band66	10MHz	QPSK	132622	1RB#0	30~1000	-54.56	PASS
Band66	10MHz	QPSK	132622	1RB#0	1000~3000	-49.27	PASS
Band66	10MHz	QPSK	132622	1RB#0	3000~20000	-34.60	PASS



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Band66	10MHz	16QAM	132622	1RB#0	0.009~0.15	-62.23	PASS
Band66	10MHz	16QAM	132622	1RB#0	0.15~30	-54.68	PASS
Band66	10MHz	16QAM	132622	1RB#0	30~1000	-54.63	PASS
Band66	10MHz	16QAM	132622	1RB#0	1000~3000	-49.43	PASS
Band66	10MHz	16QAM	132622	1RB#0	3000~20000	-34.95	PASS
Band66	15MHz	QPSK	132047	1RB#0	0.009~0.15	-62.78	PASS
Band66	15MHz	QPSK	132047	1RB#0	0.15~30	-52.51	PASS
Band66	15MHz	QPSK	132047	1RB#0	30~1000	-54.48	PASS
Band66	15MHz	QPSK	132047	1RB#0	1000~3000	-43.62	PASS
Band66	15MHz	QPSK	132047	1RB#0	3000~20000	-34.64	PASS
Band66	15MHz	16QAM	132047	1RB#0	0.009~0.15	-63.31	PASS
Band66	15MHz	16QAM	132047	1RB#0	0.15~30	-53.65	PASS
Band66	15MHz	16QAM	132047	1RB#0	30~1000	-54.58	PASS
Band66	15MHz	16QAM	132047	1RB#0	1000~3000	-48.87	PASS
Band66	15MHz	16QAM	132047	1RB#0	3000~20000	-35.05	PASS
Band66	15MHz	QPSK	132322	1RB#0	0.009~0.15	-61.25	PASS
Band66	15MHz	QPSK	132322	1RB#0	0.15~30	-51.36	PASS
Band66	15MHz	QPSK	132322	1RB#0	30~1000	-54.49	PASS
Band66	15MHz	QPSK	132322	1RB#0	1000~3000	-49.19	PASS
Band66	15MHz	QPSK	132322	1RB#0	3000~20000	-34.61	PASS
Band66	15MHz	16QAM	132322	1RB#0	0.009~0.15	-61.96	PASS
Band66	15MHz	16QAM	132322	1RB#0	0.15~30	-55.64	PASS
Band66	15MHz	16QAM	132322	1RB#0	30~1000	-54.58	PASS
Band66	15MHz	16QAM	132322	1RB#0	1000~3000	-49.46	PASS
Band66	15MHz	16QAM	132322	1RB#0	3000~20000	-34.94	PASS
Band66	15MHz	QPSK	132597	1RB#0	0.009~0.15	-63.42	PASS
Band66	15MHz	QPSK	132597	1RB#0	0.15~30	-55.09	PASS
Band66	15MHz	QPSK	132597	1RB#0	30~1000	-54.50	PASS
Band66	15MHz	QPSK	132597	1RB#0	1000~3000	-49.39	PASS
Band66	15MHz	QPSK	132597	1RB#0	3000~20000	-34.69	PASS
Band66	15MHz	16QAM	132597	1RB#0	0.009~0.15	-61.98	PASS
Band66	15MHz	16QAM	132597	1RB#0	0.15~30	-54.48	PASS
Band66	15MHz	16QAM	132597	1RB#0	30~1000	-54.64	PASS
Band66	15MHz	16QAM	132597	1RB#0	1000~3000	-49.43	PASS
Band66	15MHz	16QAM	132597	1RB#0	3000~20000	-34.88	PASS
Band66	20MHz	QPSK	132072	1RB#0	0.009~0.15	-65.04	PASS
Band66	20MHz	QPSK	132072	1RB#0	0.15~30	-54.96	PASS
Band66	20MHz	QPSK	132072	1RB#0	30~1000	-54.56	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~3000	-49.14	PASS
Band66	20MHz	QPSK	132072	1RB#0	3000~20000	-34.82	PASS



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Band66	20MHz	16QAM	132072	1RB#0	0.009~0.15	-64.96	PASS
Band66	20MHz	16QAM	132072	1RB#0	0.15~30	-52.86	PASS
Band66	20MHz	16QAM	132072	1RB#0	30~1000	-54.68	PASS
Band66	20MHz	16QAM	132072	1RB#0	1000~3000	-49.04	PASS
Band66	20MHz	16QAM	132072	1RB#0	3000~20000	-34.91	PASS
Band66	20MHz	QPSK	132322	1RB#0	0.009~0.15	-65.10	PASS
Band66	20MHz	QPSK	132322	1RB#0	0.15~30	-54.68	PASS
Band66	20MHz	QPSK	132322	1RB#0	30~1000	-54.68	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~3000	-49.23	PASS
Band66	20MHz	QPSK	132322	1RB#0	3000~20000	-34.84	PASS
Band66	20MHz	16QAM	132322	1RB#0	0.009~0.15	-64.93	PASS
Band66	20MHz	16QAM	132322	1RB#0	0.15~30	-52.14	PASS
Band66	20MHz	16QAM	132322	1RB#0	30~1000	-54.59	PASS
Band66	20MHz	16QAM	132322	1RB#0	1000~3000	-49.19	PASS
Band66	20MHz	16QAM	132322	1RB#0	3000~20000	-34.65	PASS
Band66	20MHz	QPSK	132572	1RB#0	0.009~0.15	-64.47	PASS
Band66	20MHz	QPSK	132572	1RB#0	0.15~30	-52.27	PASS
Band66	20MHz	QPSK	132572	1RB#0	30~1000	-54.51	PASS
Band66	20MHz	QPSK	132572	1RB#0	1000~3000	-49.02	PASS
Band66	20MHz	QPSK	132572	1RB#0	3000~20000	-34.58	PASS
Band66	20MHz	16QAM	132572	1RB#0	0.009~0.15	-63.92	PASS
Band66	20MHz	16QAM	132572	1RB#0	0.15~30	-54.27	PASS
Band66	20MHz	16QAM	132572	1RB#0	30~1000	-54.69	PASS
Band66	20MHz	16QAM	132572	1RB#0	1000~3000	-48.80	PASS
Band66	20MHz	16QAM	132572	1RB#0	3000~20000	-34.97	PASS



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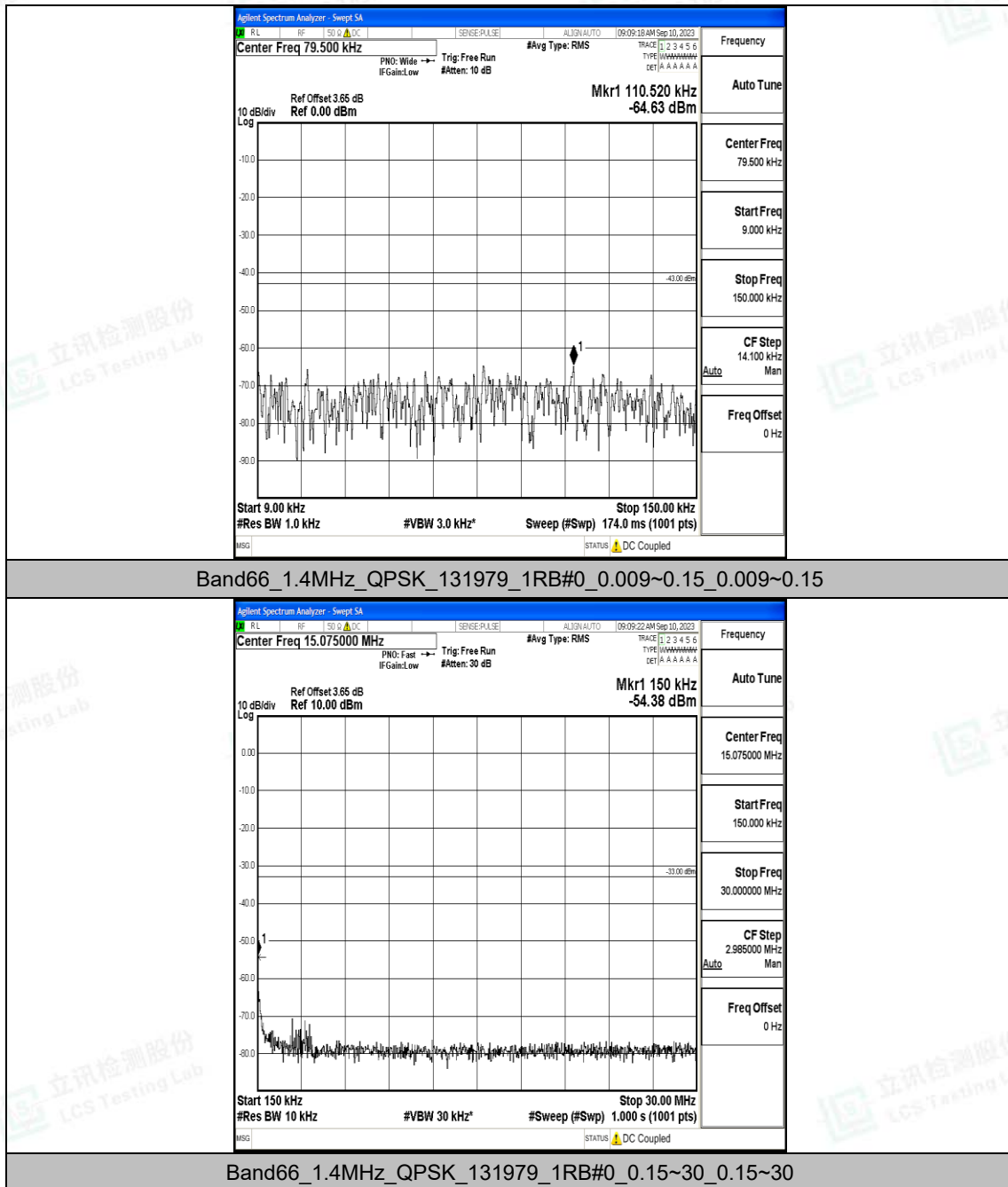
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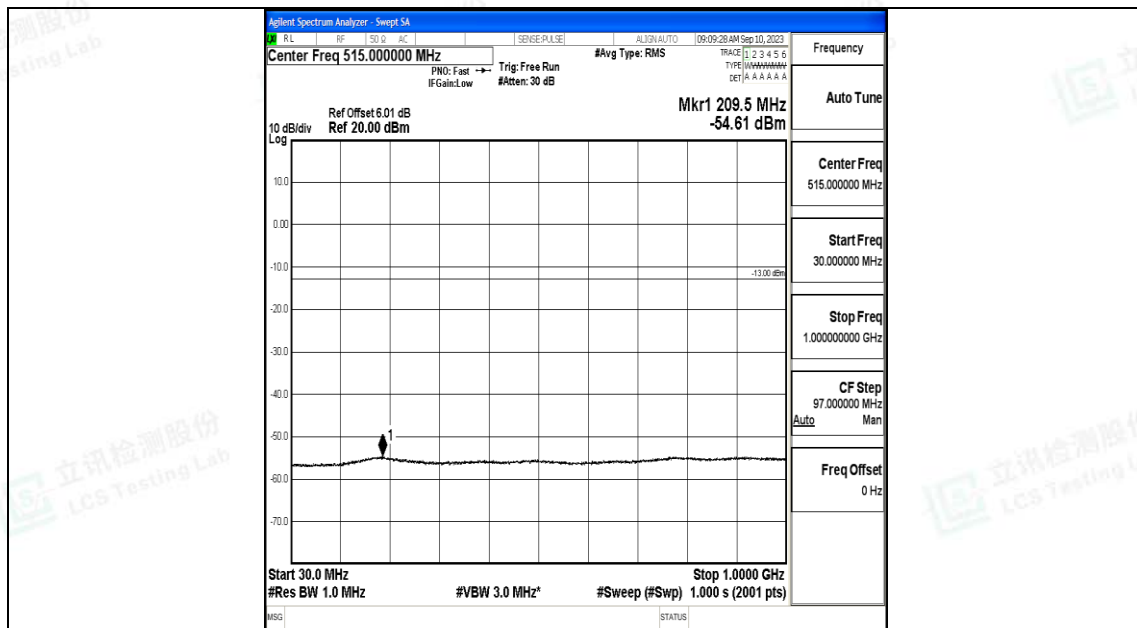
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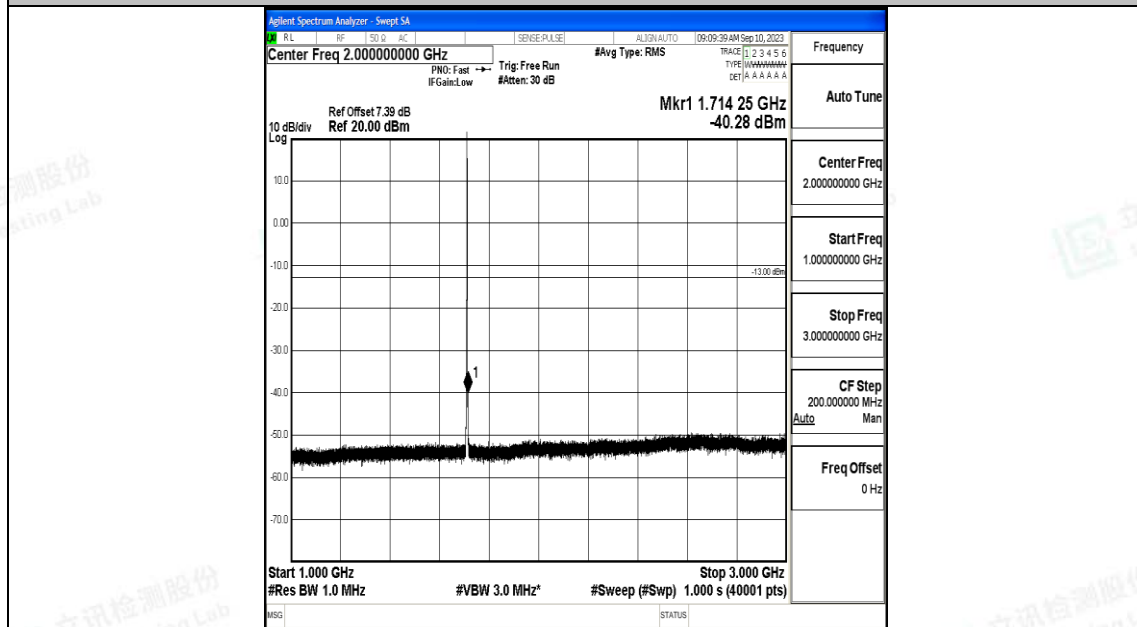


Test Graphs





Band66_1.4MHz_QPSK_131979_1RB#0_30~1000_30~1000



Band66_1.4MHz_QPSK_131979_1RB#0_1000~3000_1000~3000

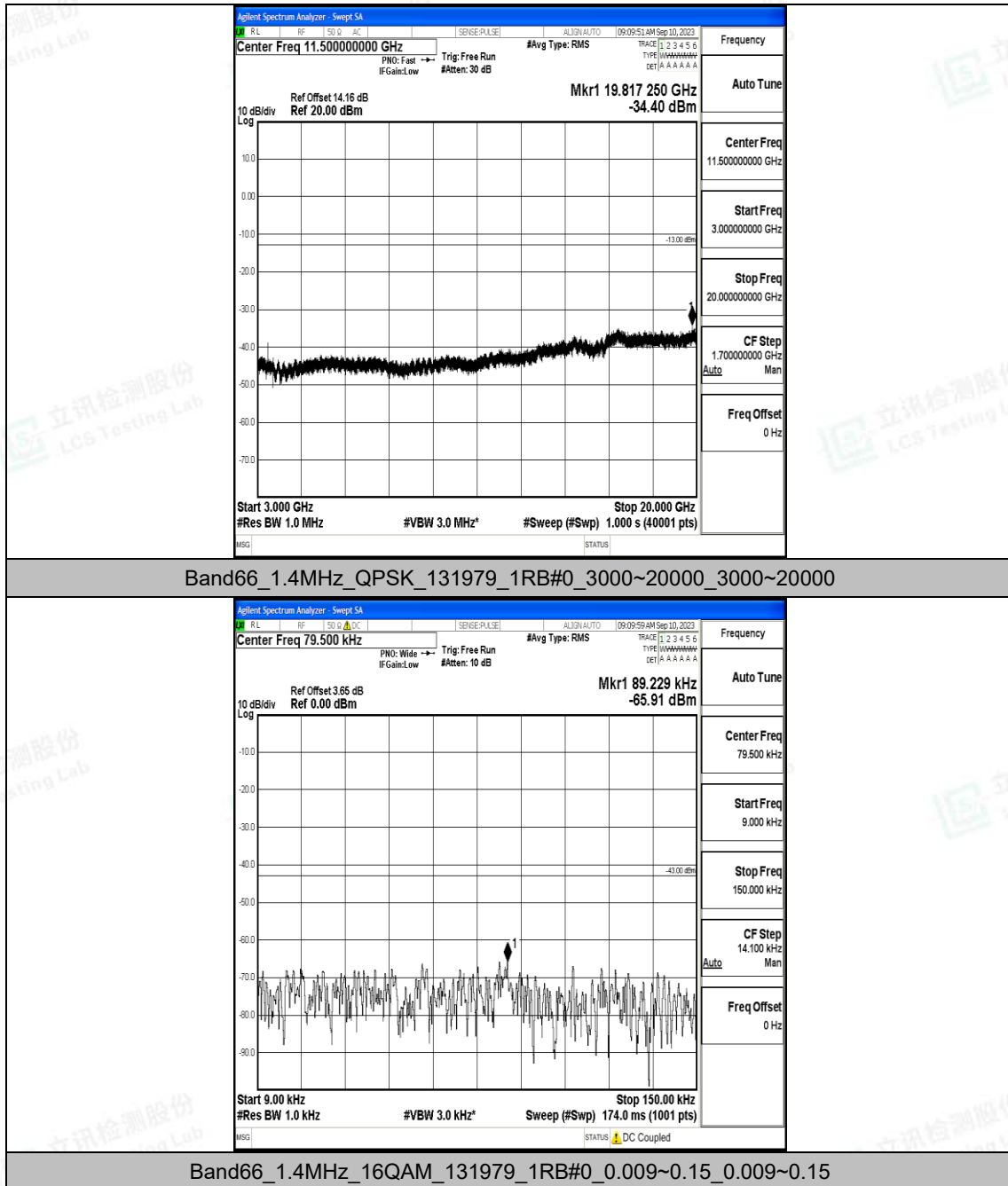


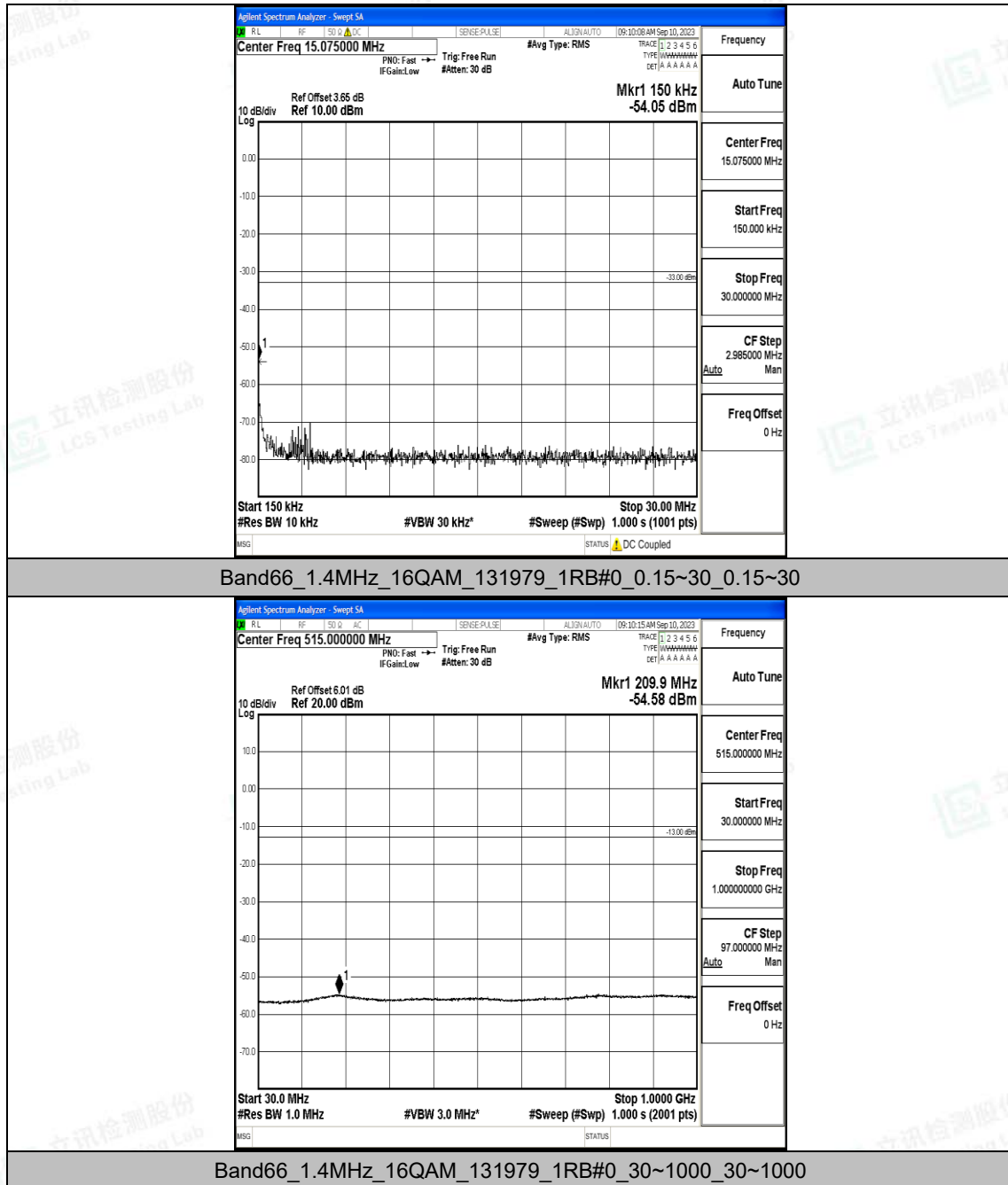
Shenzhen LCS Compliance Testing Laboratory Ltd.

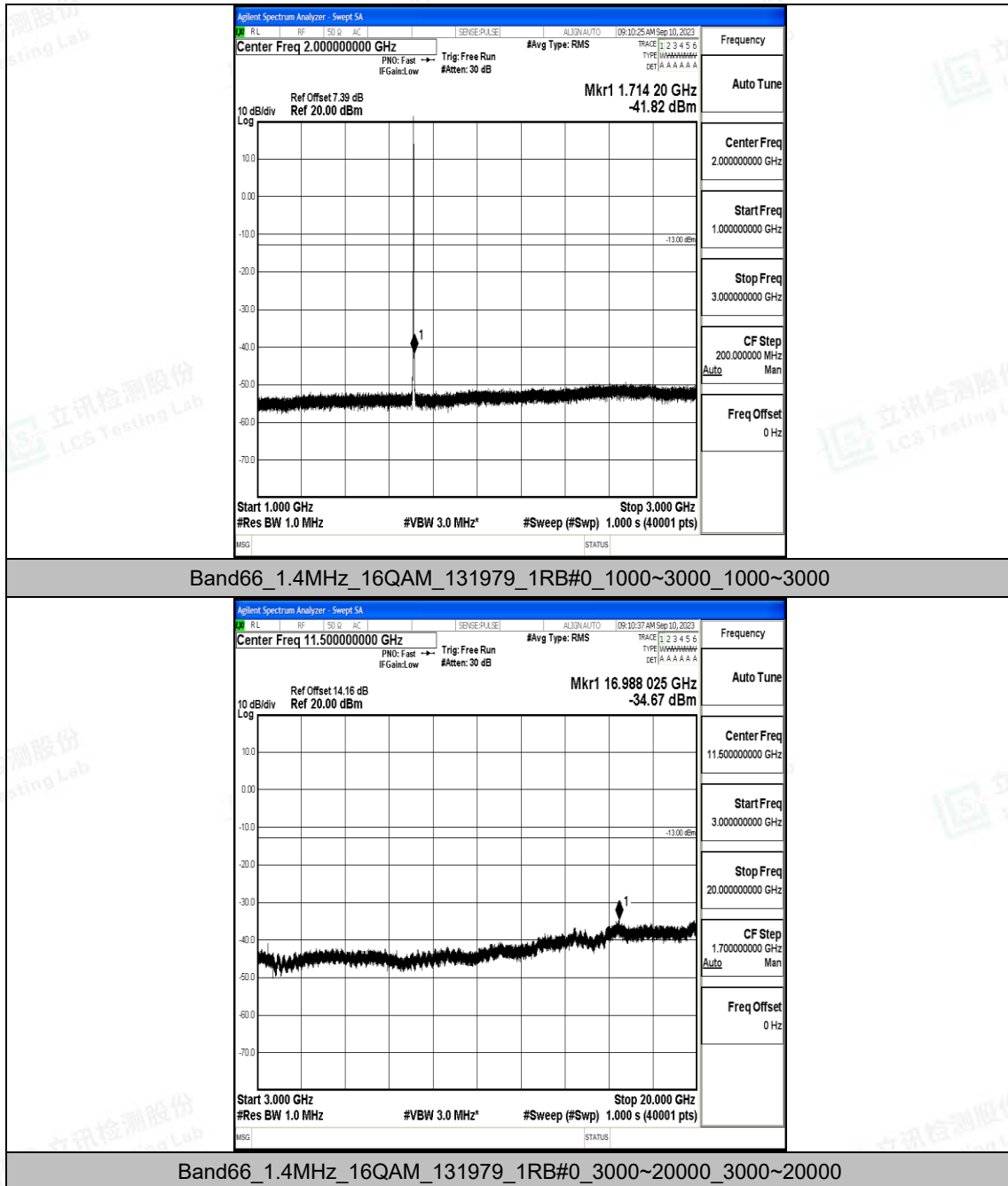
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

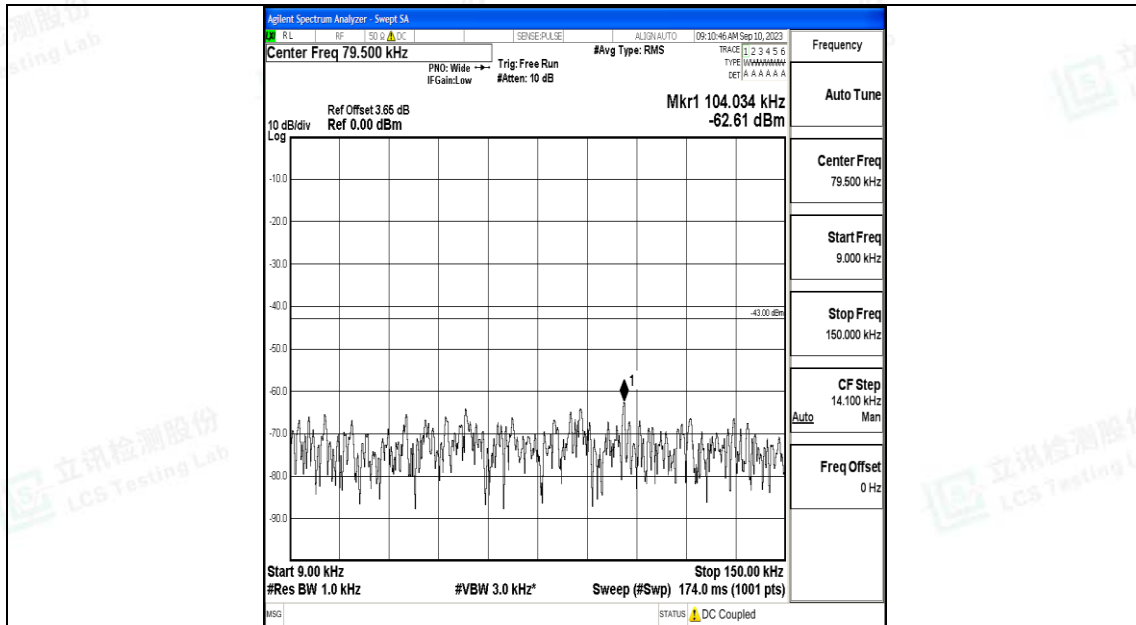
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

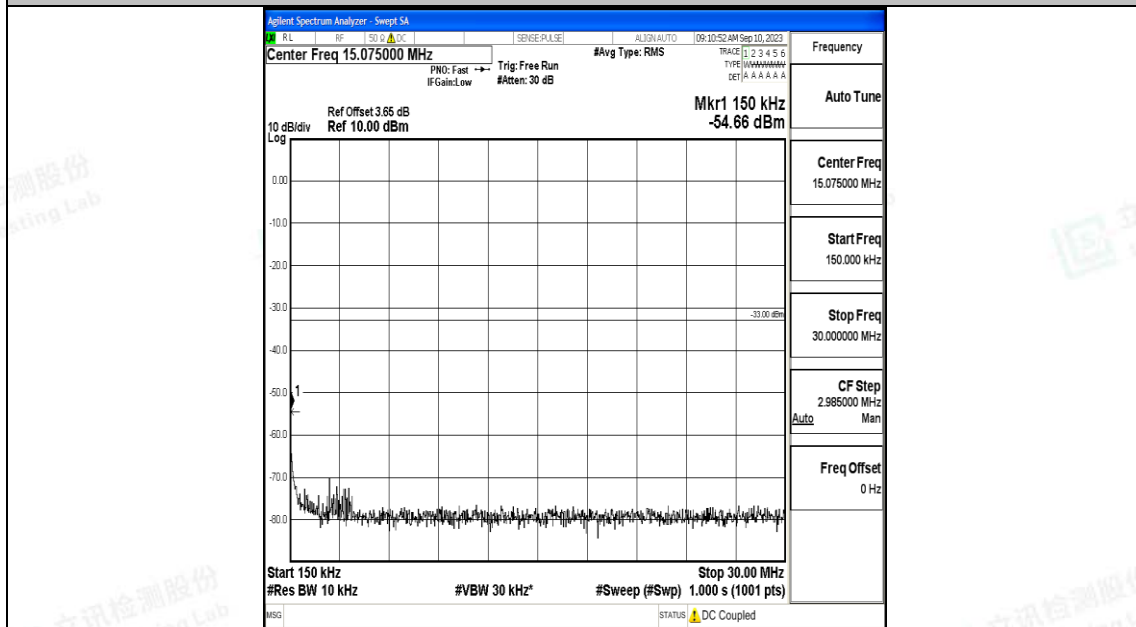








Band66_1.4MHz_QPSK_132322_1RB#0_0.009~0.15_0.009~0.15



Band66_1.4MHz_QPSK_132322_1RB#0_0.15~30_0.15~30

