



Appendix C: Test Data for E-UTRA Band 4

Product Name: UAV (Unmanned Aerial Vehicle) for Photogrammetry & Mapping

Test Model: SF1650

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Li Huan



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C.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.29	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.22	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.27	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.29	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.49	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.08	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.18	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.28	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.32	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.32	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.33	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.36	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.48	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.37	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.37	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.43	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.98	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.81	PASS



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Band4	1.4MHz	16QAM	20175	1RB#5	21.77	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.20	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.19	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.11	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.81	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.45	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.39	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.48	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.42	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.43	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.45	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.79	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.14	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.18	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.15	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.52	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.47	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.44	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.03	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.01	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.99	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.31	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.30	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.44	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.38	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.29	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.29	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.32	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.44	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.38	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.39	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.46	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.67	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.63	PASS



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Band4	3MHz	16QAM	19965	1RB#14	21.56	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.92	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.93	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.93	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.88	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.48	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.42	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.48	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.76	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.75	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.66	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.72	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.45	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.40	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.41	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.93	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.96	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.89	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.61	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.24	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.18	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.51	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.52	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.44	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.48	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.15	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.07	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.08	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.35	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.33	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.36	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.99	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.03	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.05	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.55	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.58	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.45	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.53	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.11	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.02	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.76	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.75	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.83	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.87	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.87	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.90	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.69	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.69	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.68	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.74	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.72	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.72	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.76	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.69	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.70	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.66	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.24	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.18	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.12	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.53	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.48	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.51	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.46	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.07	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.00	PASS



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Band4	10MHz	QPSK	20175	1RB#49	21.98	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.40	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.39	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.40	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.31	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.22	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.43	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.44	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.51	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.57	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.53	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.75	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.66	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.62	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.82	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.82	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.72	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.77	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.63	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.61	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.49	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.69	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.71	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.64	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.65	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.55	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.60	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.61	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.76	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.77	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.78	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.83	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.21	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.11	PASS



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Band4	15MHz	QPSK	20025	1RB#74	21.99	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.43	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.43	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.43	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.43	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.02	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.94	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.35	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.21	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.32	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.07	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.07	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.21	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.44	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.44	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.43	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.44	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.70	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.61	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.51	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.44	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.43	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.43	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.71	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.63	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.56	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.49	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.34	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.28	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.33	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.52	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.57	PASS



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Band4	15MHz	16QAM	20325	1RB#74	21.63	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.43	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.44	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.44	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.72	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.62	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.53	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.39	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.51	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.29	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.47	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.51	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.38	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.27	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.31	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.38	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.36	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.09	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.32	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.36	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.33	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.47	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.44	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.55	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.45	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.21	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.86	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.87	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.69	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.74	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.47	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.29	PASS



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Band4	20MHz	16QAM	20175	1RB#99	21.24	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.79	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.80	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.76	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.70	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.89	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.73	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.89	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.74	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.74	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.79	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.75	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.13	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.64	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3.99	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.71	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.60	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.11	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.51	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	3.88	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.76	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.14	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.67	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.13	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.44	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	3.81	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.70	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.04	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.55	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.24	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.30	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	3.73	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	4.86	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	4.90	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	4.45	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.76	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.72	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.23	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	4.76	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.78	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.43	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.46	13	PASS



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Band4	20MHz	16QAM	20175	100RB#0	5.38	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.01	13	PASS

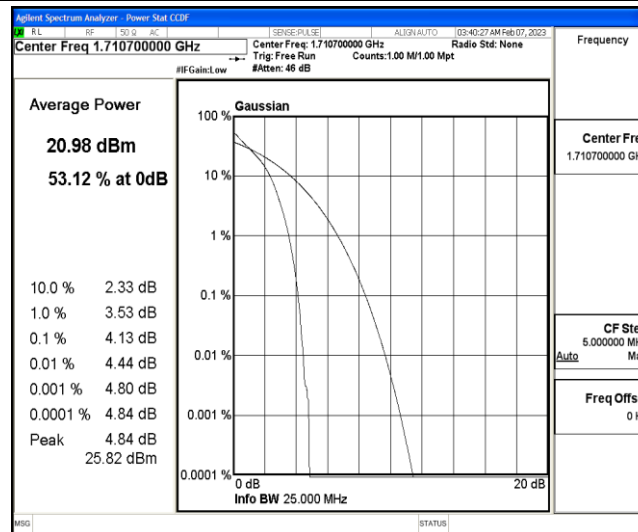


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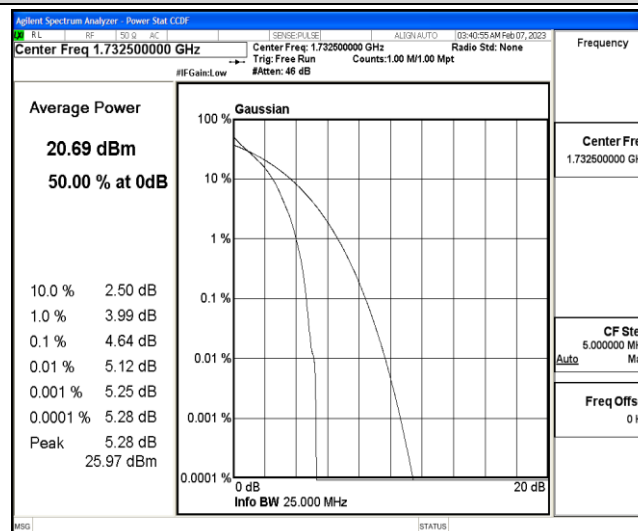


Test Graphs

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

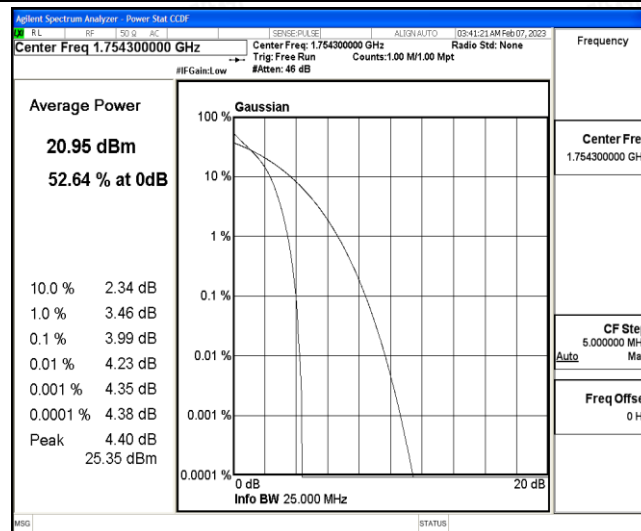


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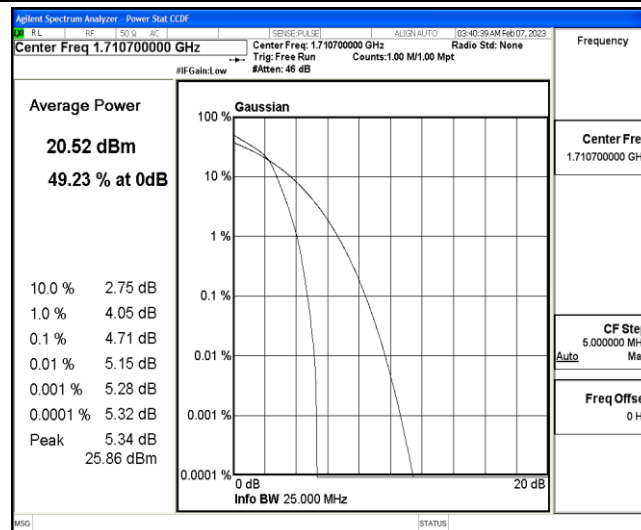


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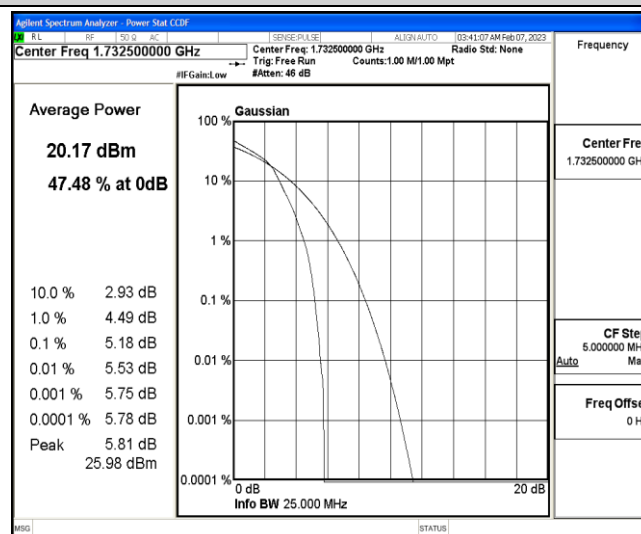




Band4-1.4MHz-16QAM-19957-6RB#0



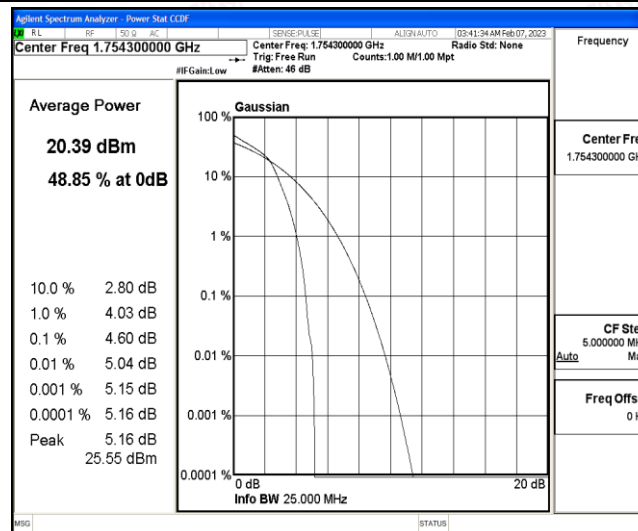
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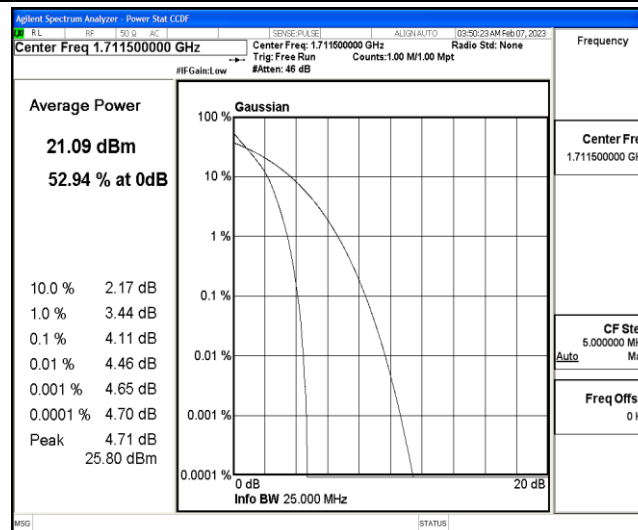
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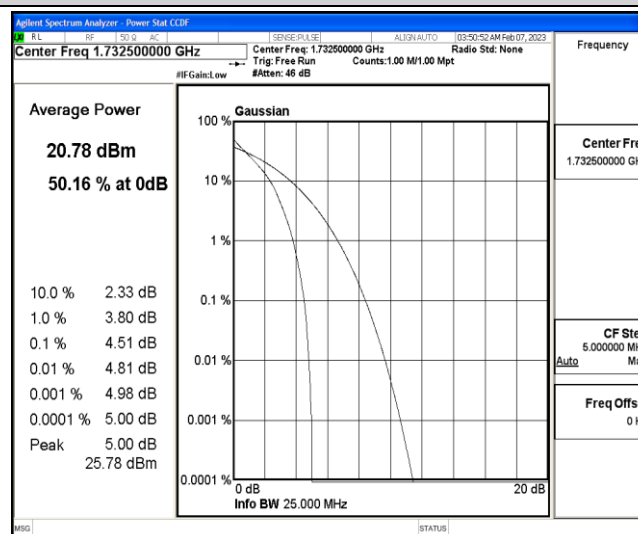
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Band4-3MHz-QPSK-19965-15RB#0

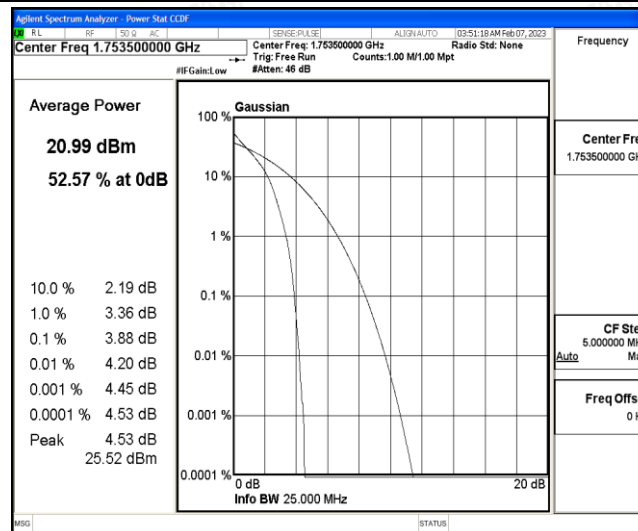


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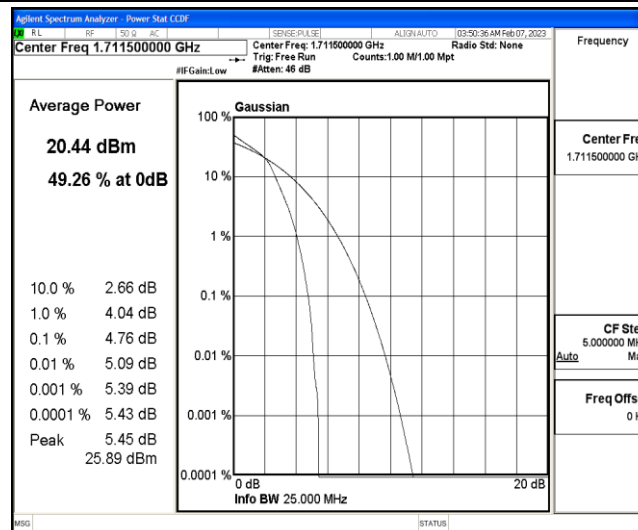


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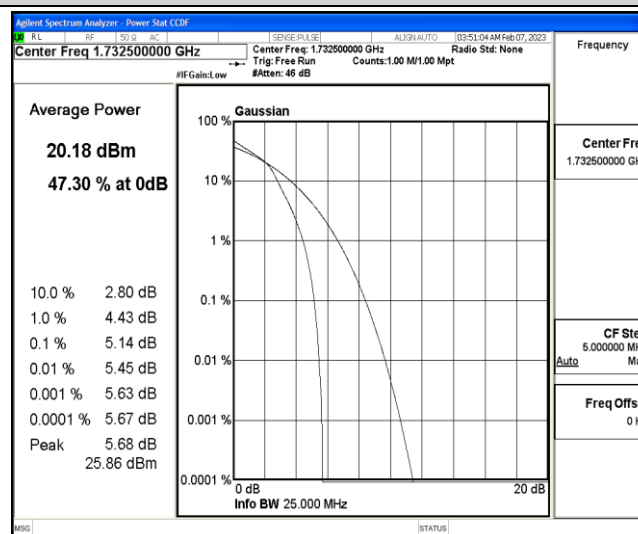




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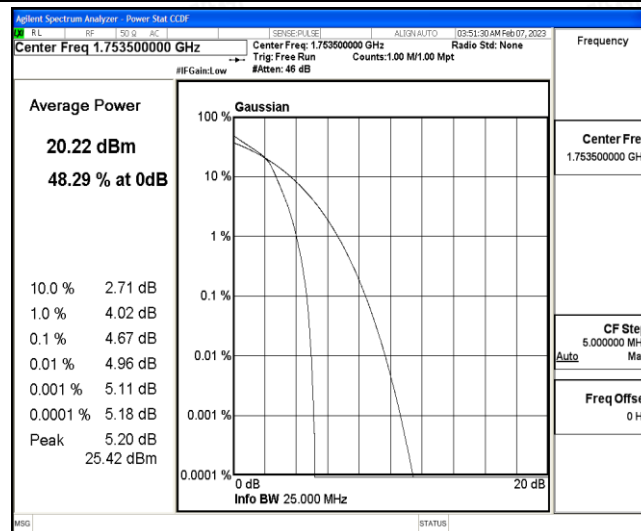


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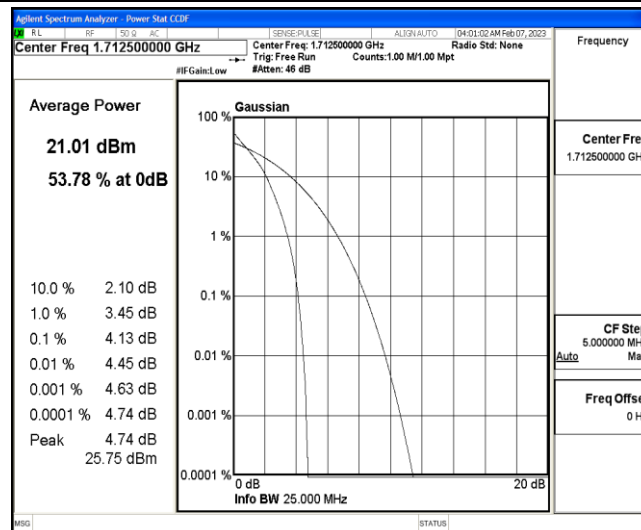


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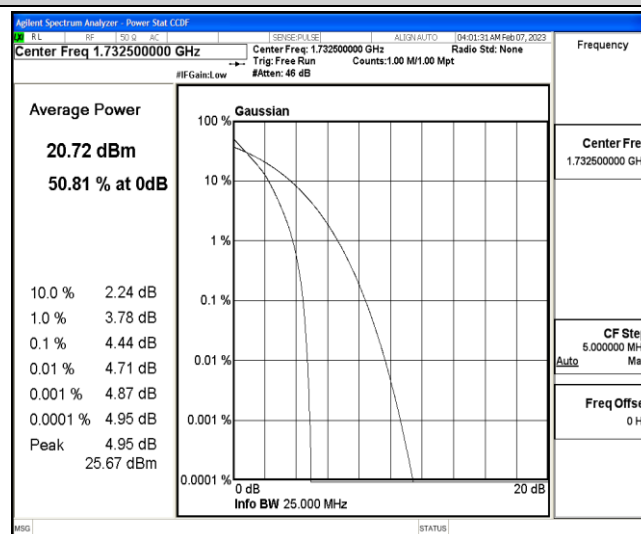




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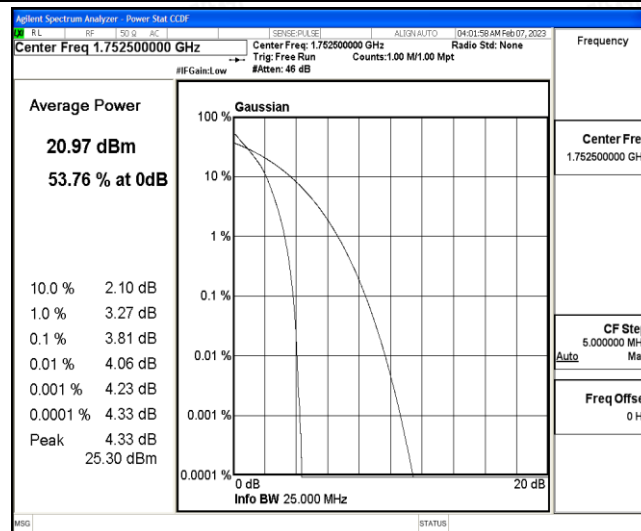


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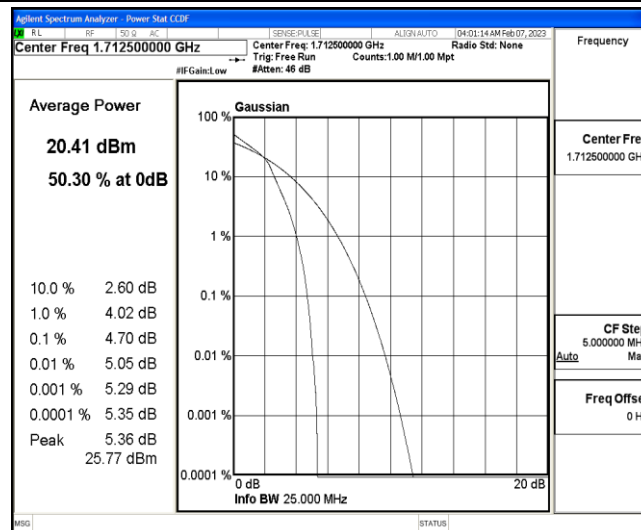


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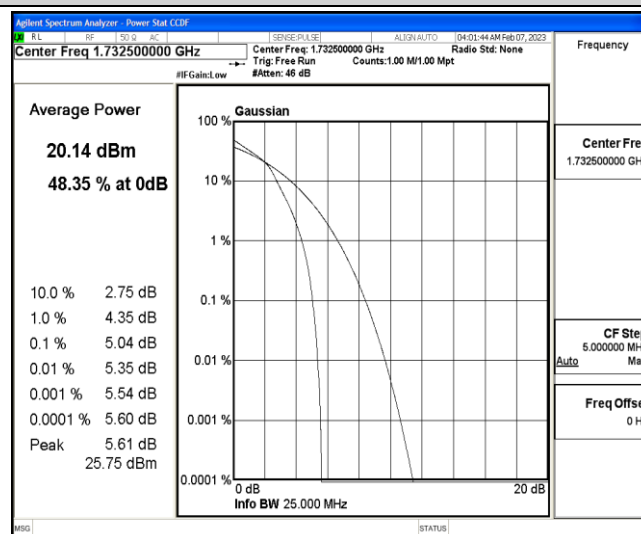




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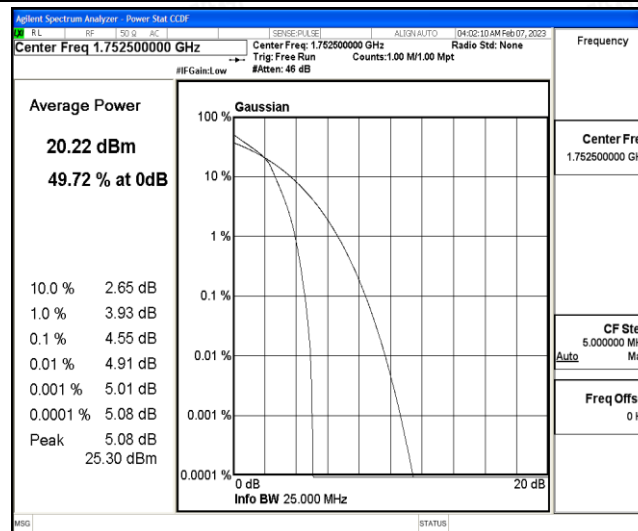


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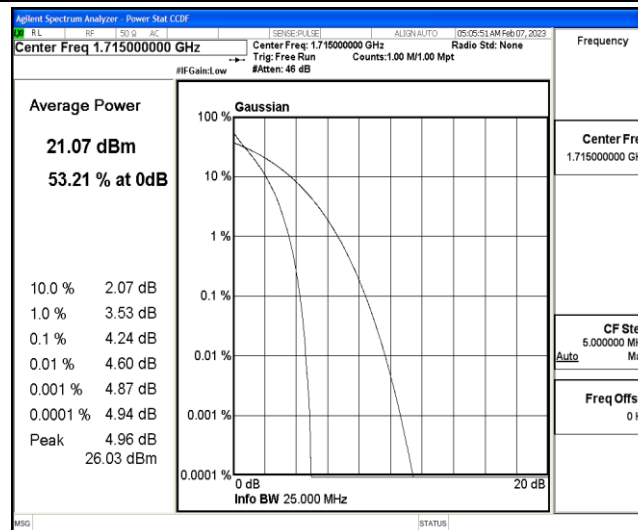


Band4-5MHz-16QAM-20375-25RB#0

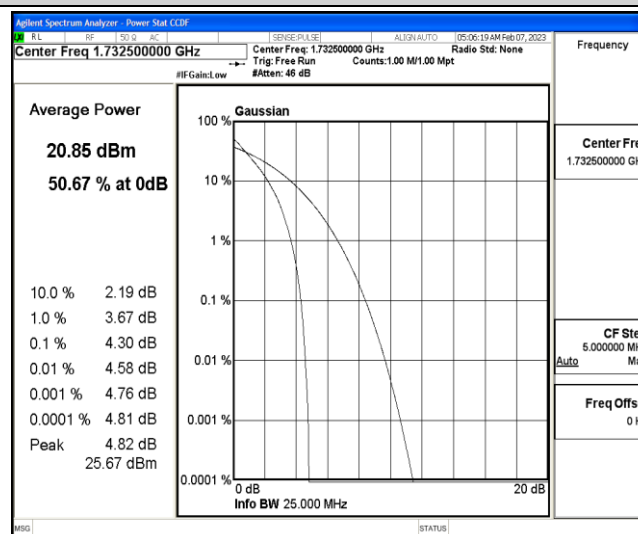




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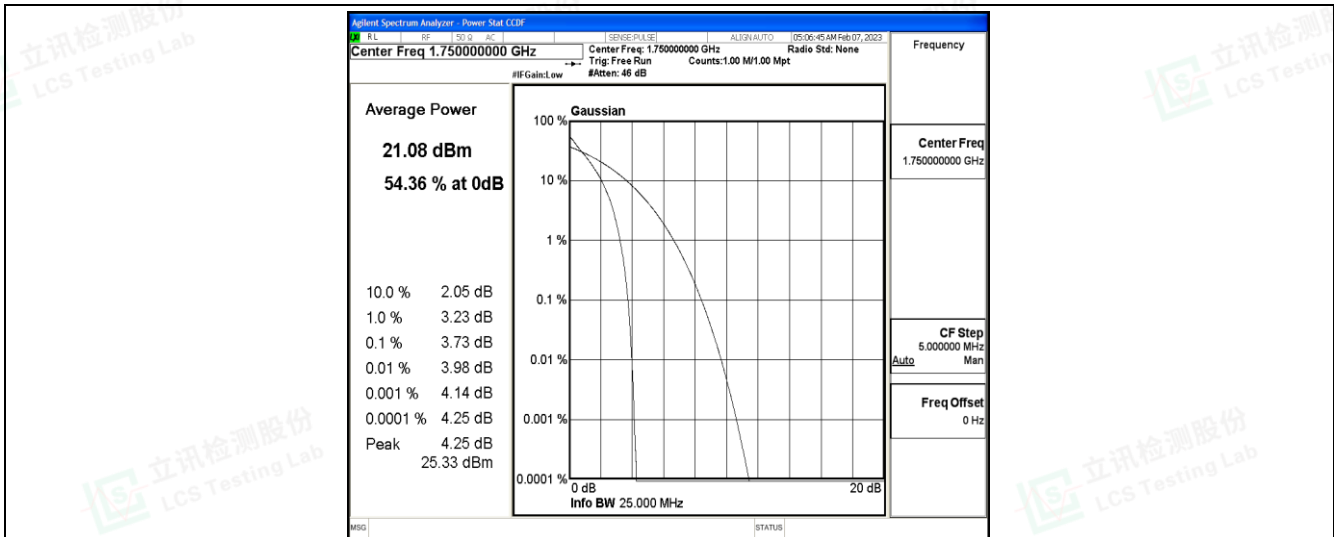


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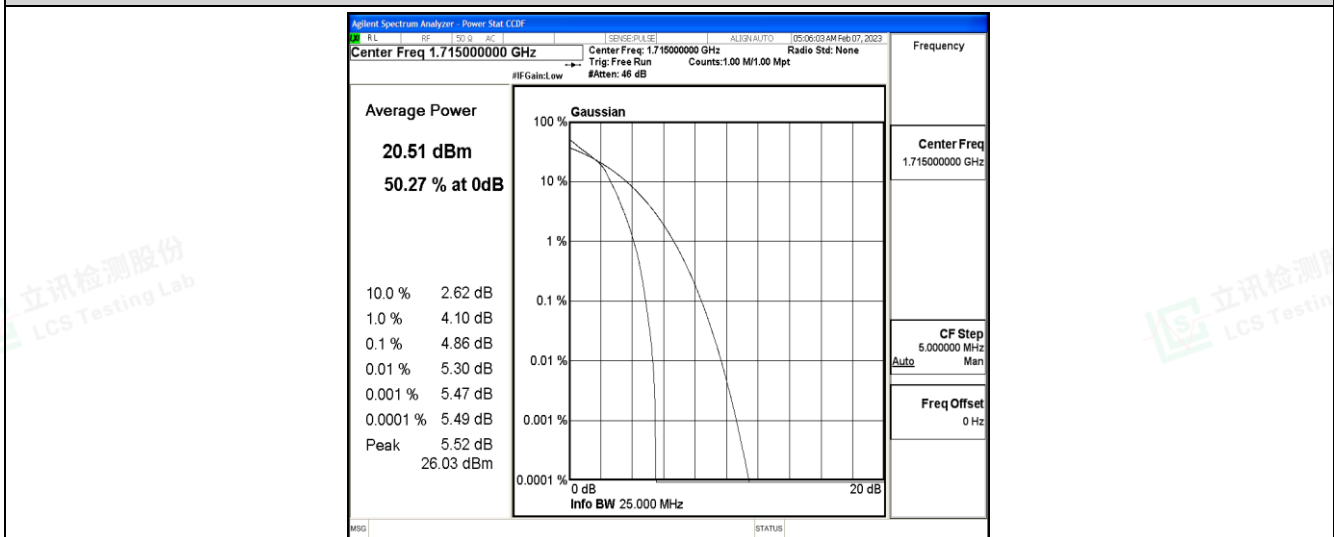


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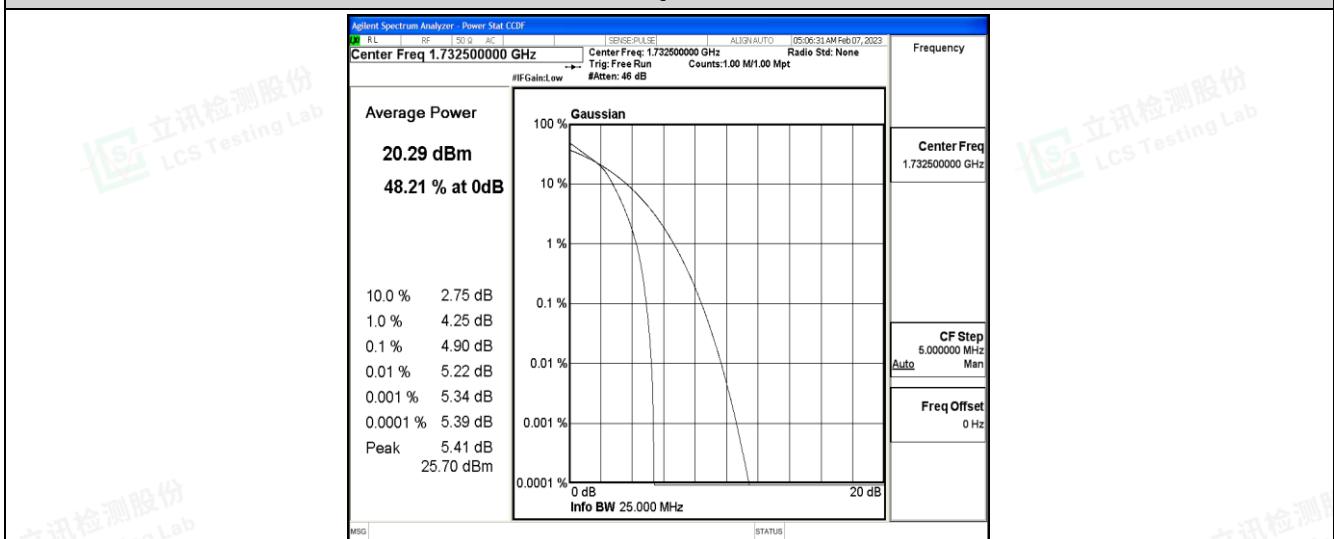




Band4-10MHz-16QAM-20000-50RB#0

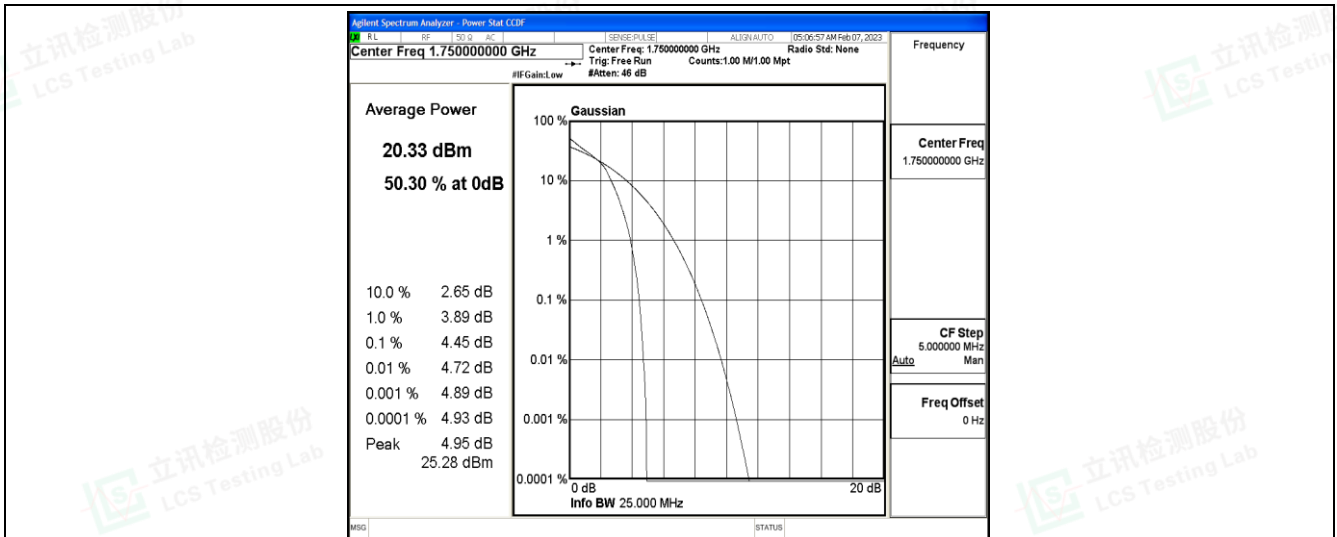


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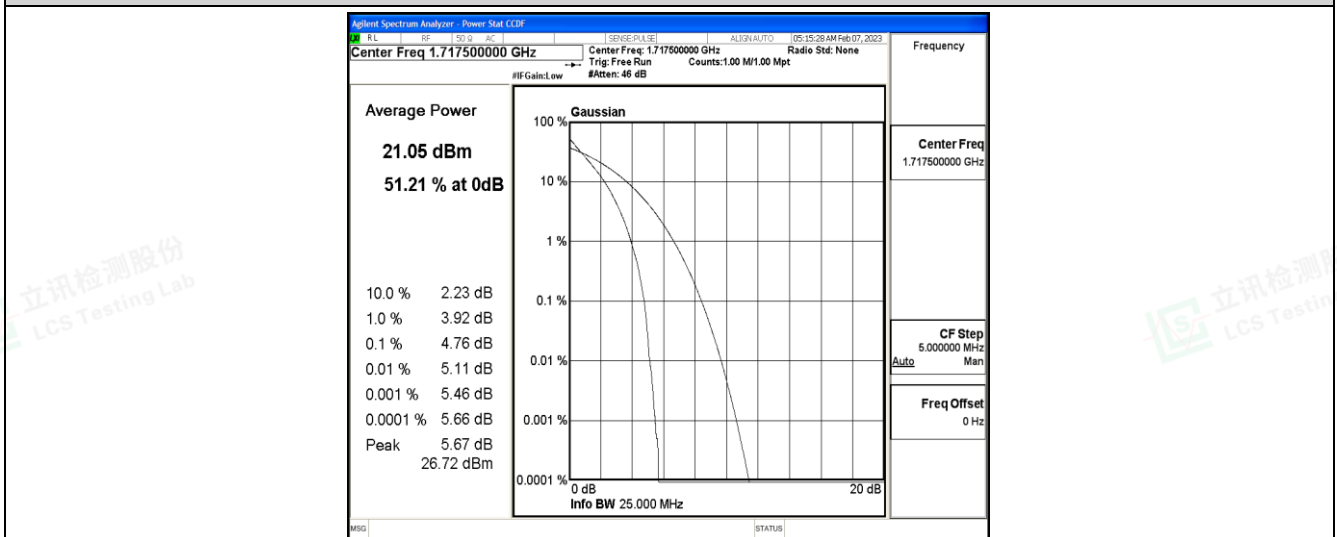


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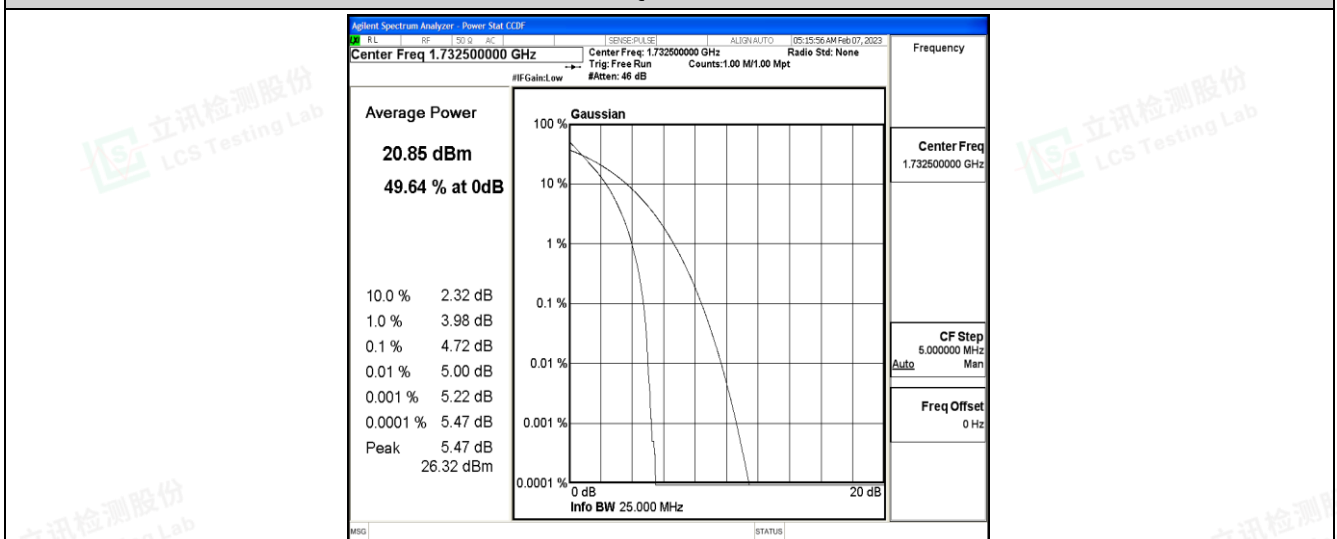




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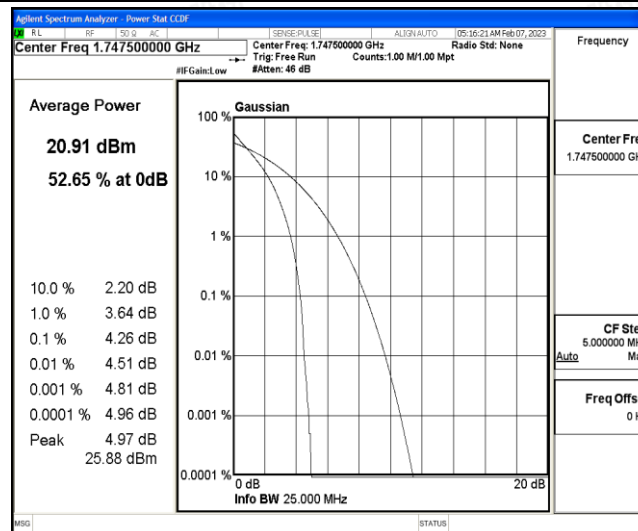


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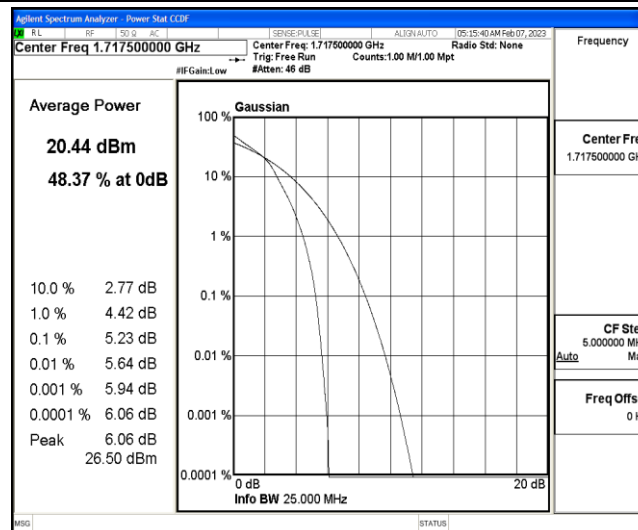


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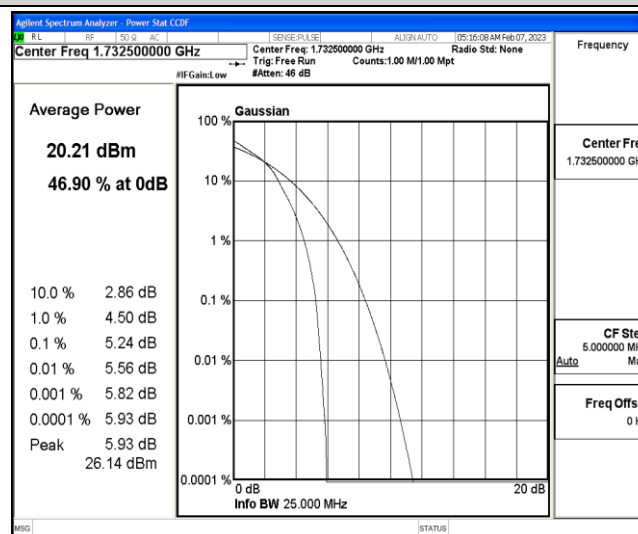




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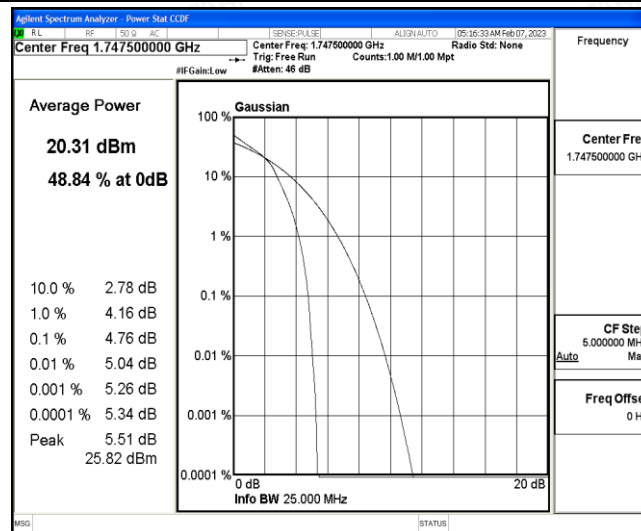


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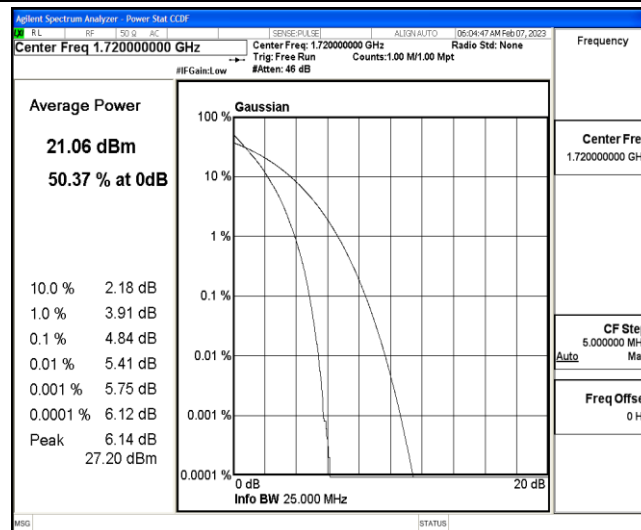


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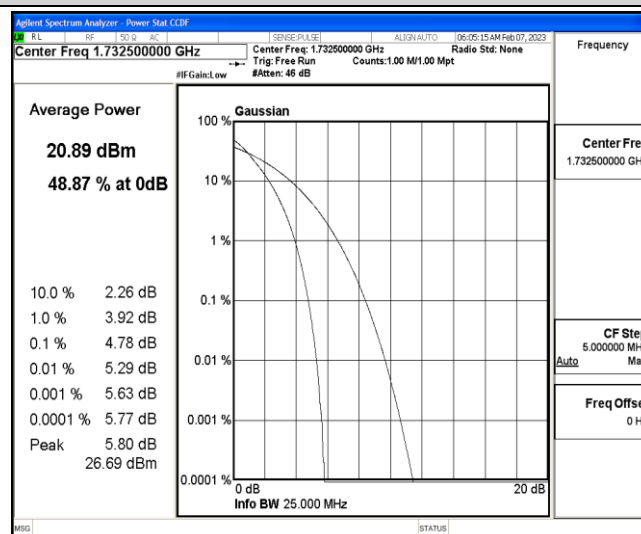




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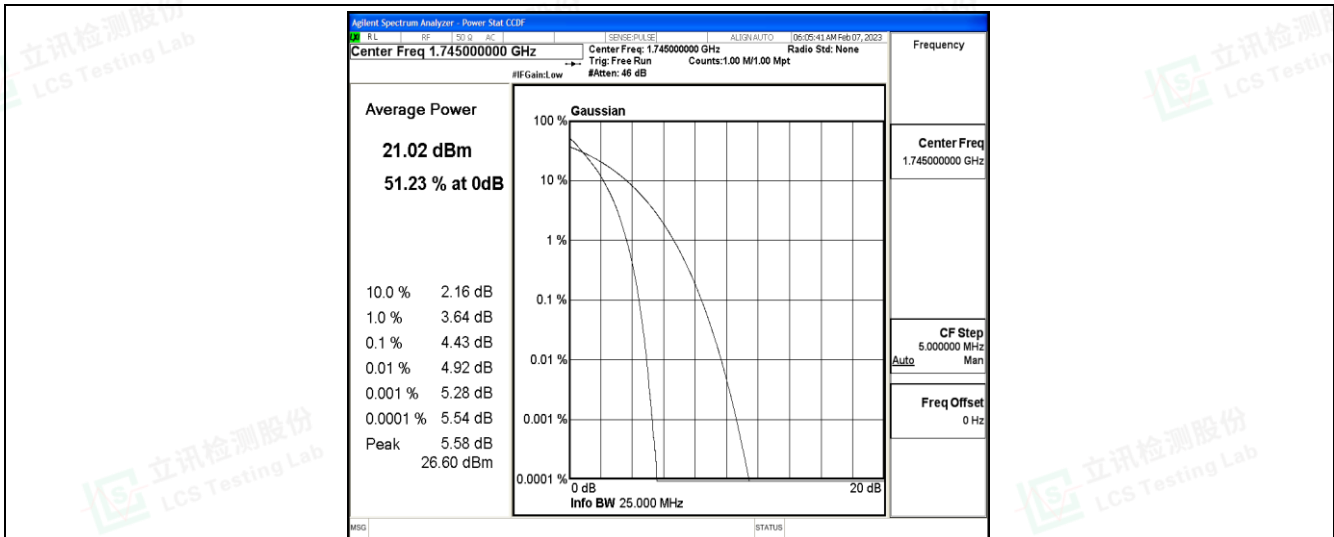


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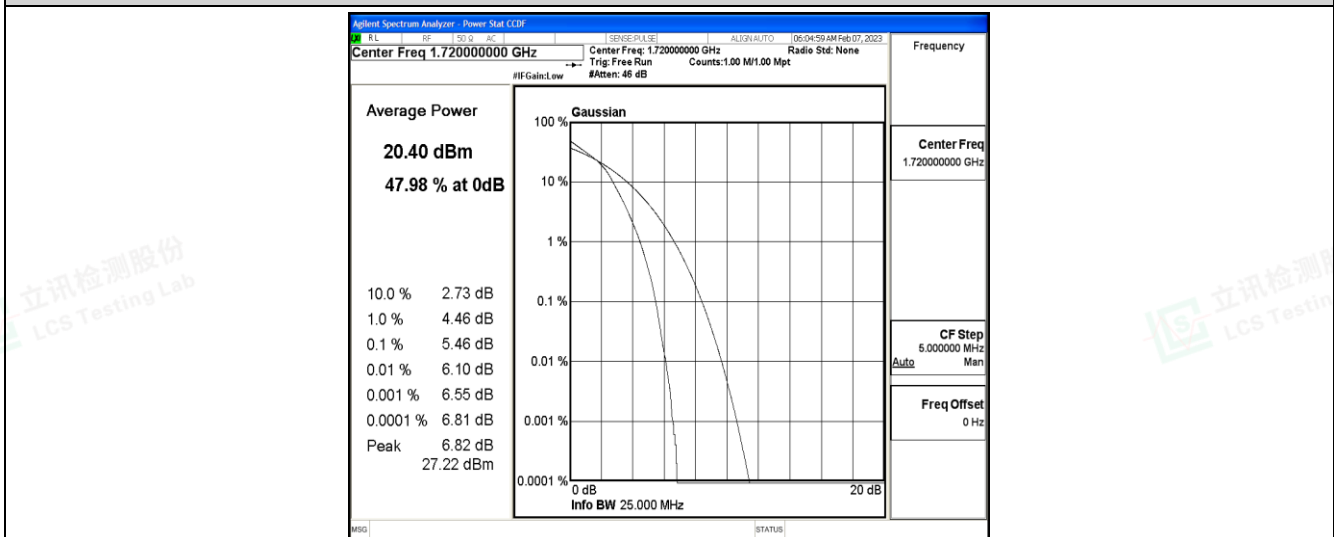


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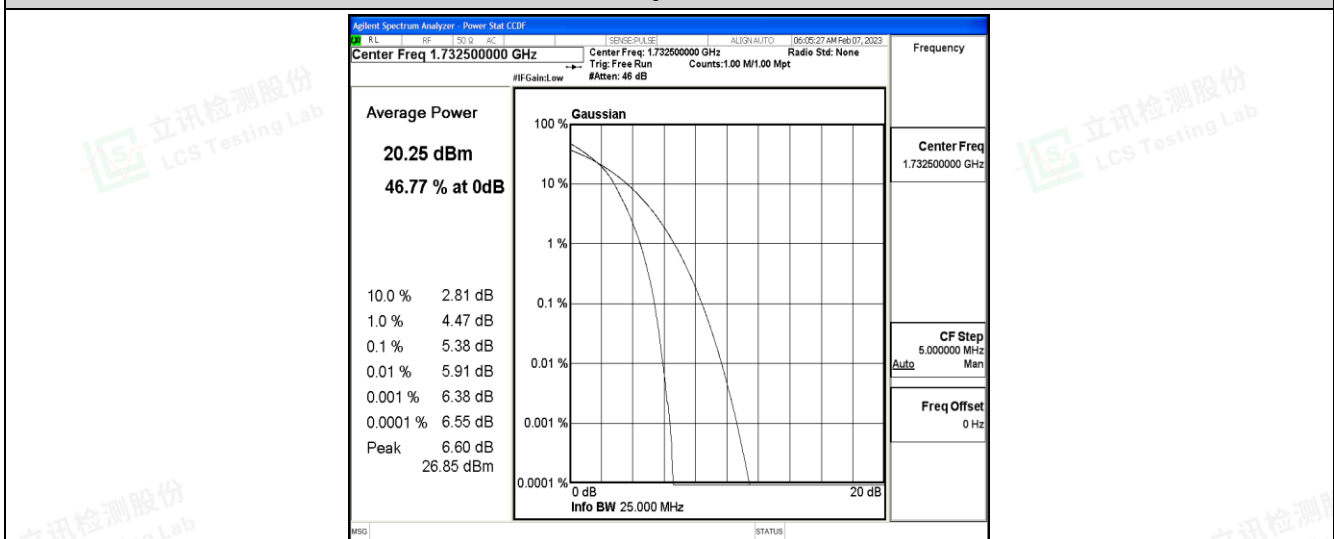




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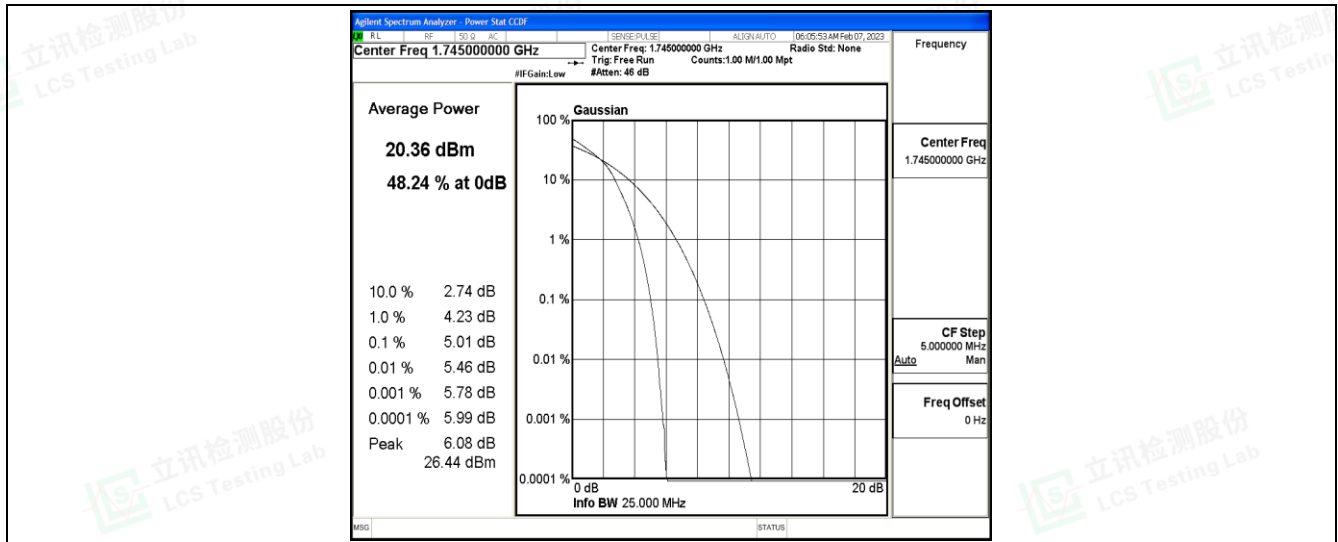
Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



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C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1040	1.337	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1025	1.441	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1101	1.362	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1106	1.385	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1091	1.392	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1082	1.314	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7082	3.199	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7094	3.082	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7114	3.451	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7133	3.131	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7053	3.119	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7152	3.357	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5344	5.480	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5380	5.338	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5239	5.544	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5225	5.336	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5209	5.301	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5463	5.389	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0187	10.15	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0039	10.05	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0319	10.45	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0389	10.62	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0122	10.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0229	10.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.525	15.53	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.533	15.42	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.554	15.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.528	15.53	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.530	15.10	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.501	14.91	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.987	19.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.045	20.27	PASS





Band4	20MHz	QPSK	20300	100RB#0	18.008	20.35	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.041	19.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.023	20.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.057	20.27	PASS

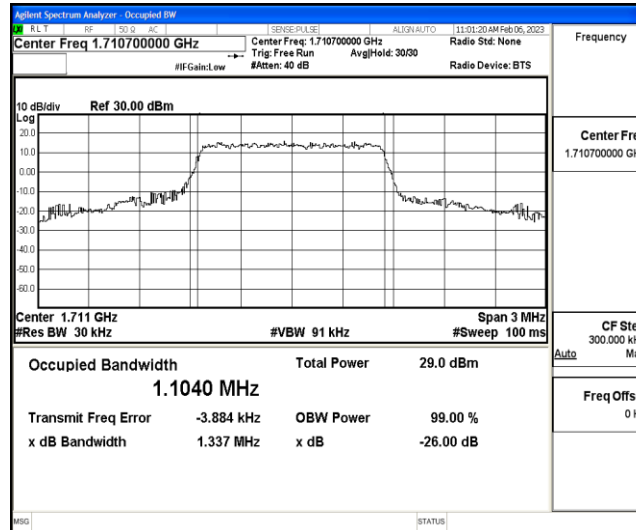


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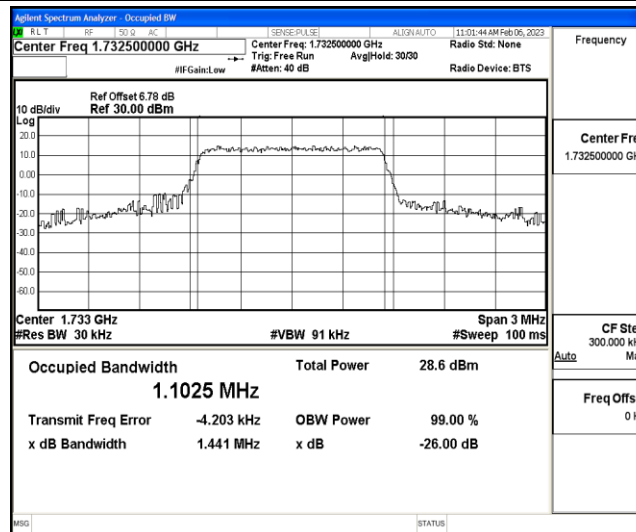


Test Graphs

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

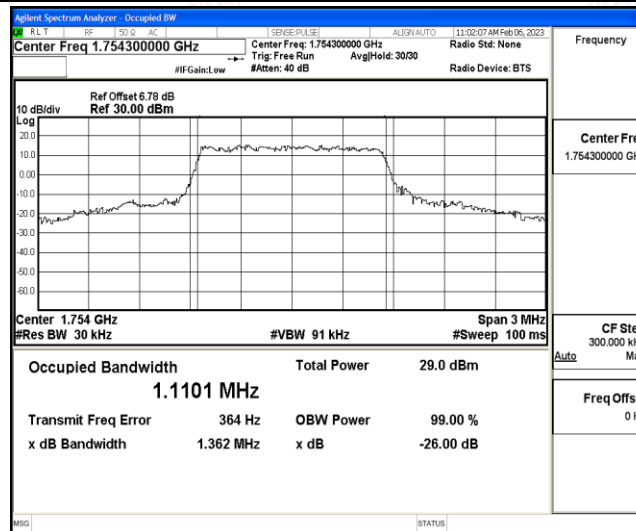


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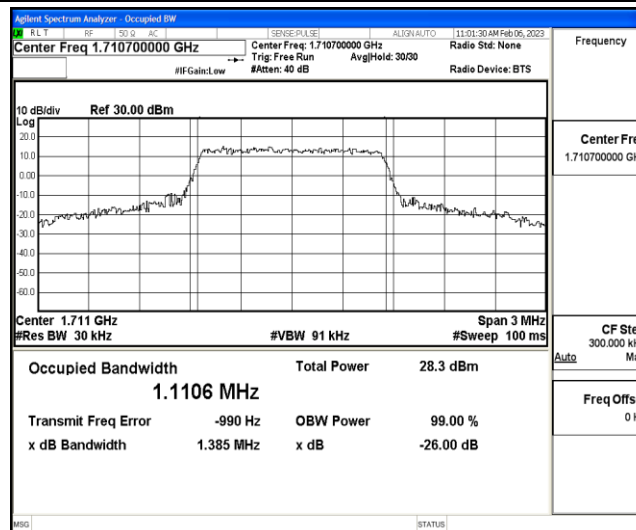


Band4-1.4MHz-QPSK-20393-6RB#0

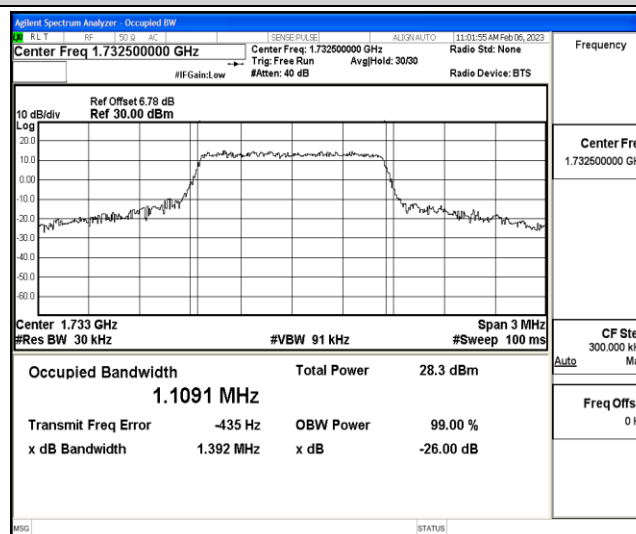




Band4-1.4MHz-16QAM-19957-6RB#0



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



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

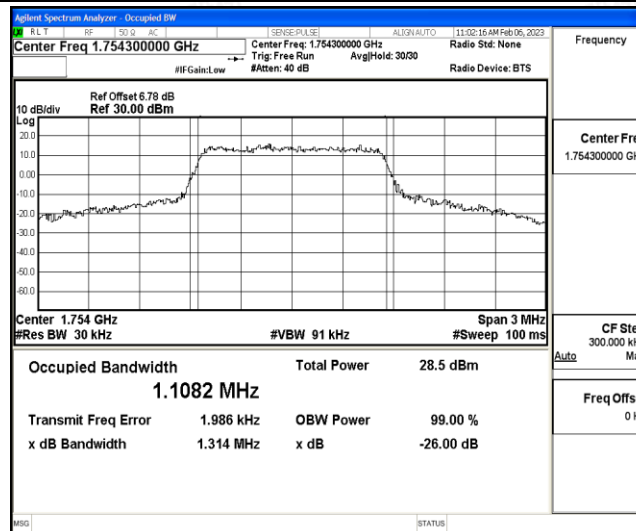


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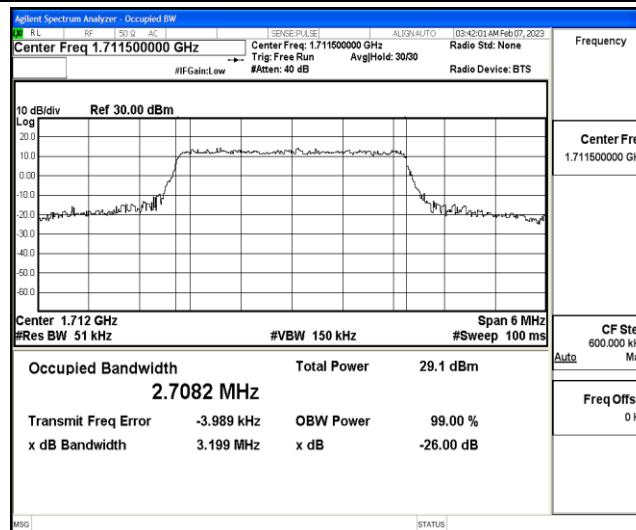
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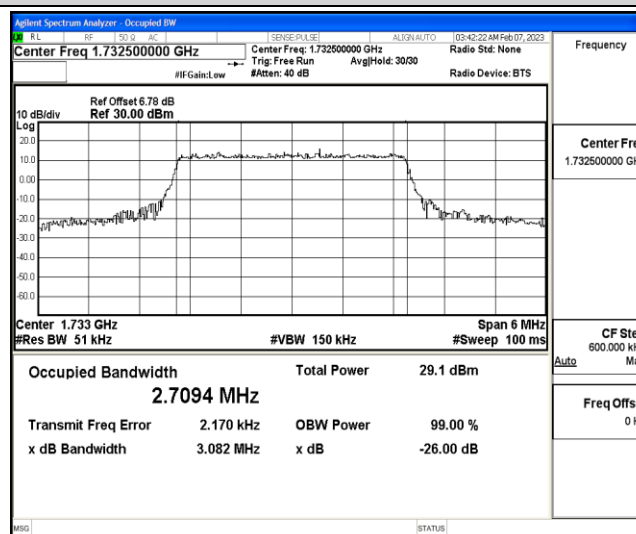
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Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-15RB#0

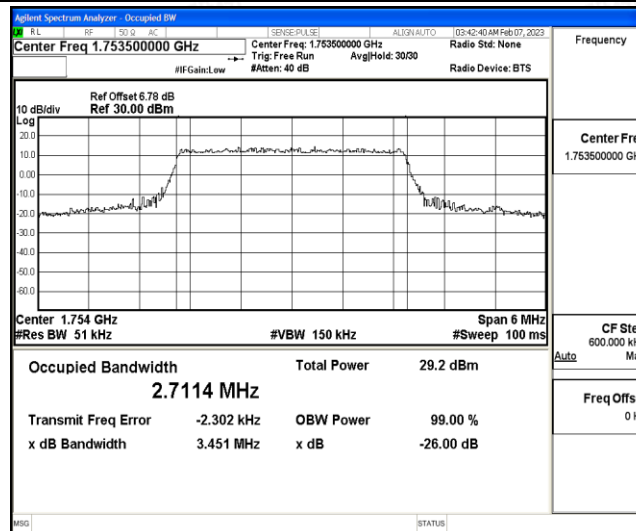


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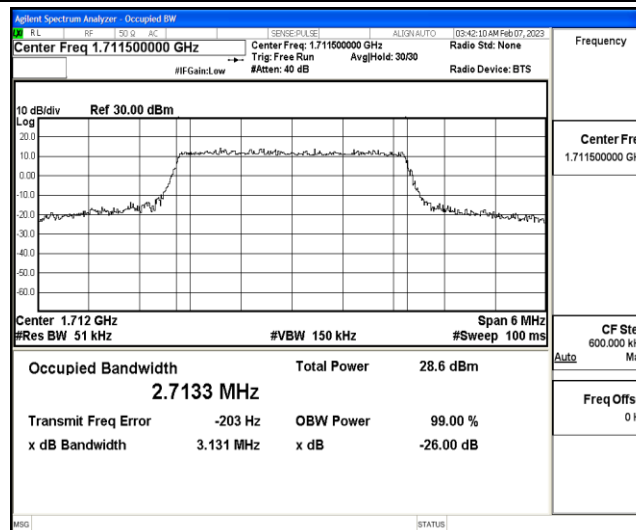
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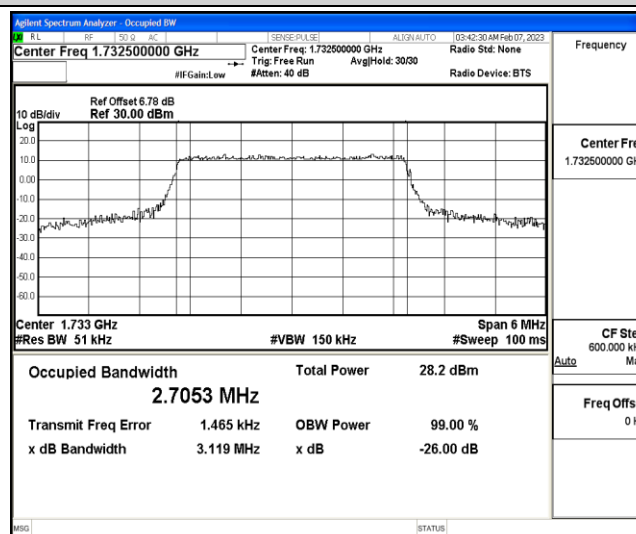
Scan code to check authenticity



Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0

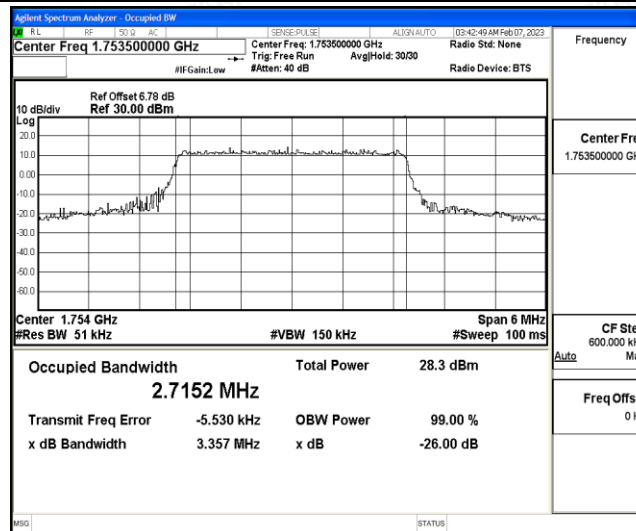


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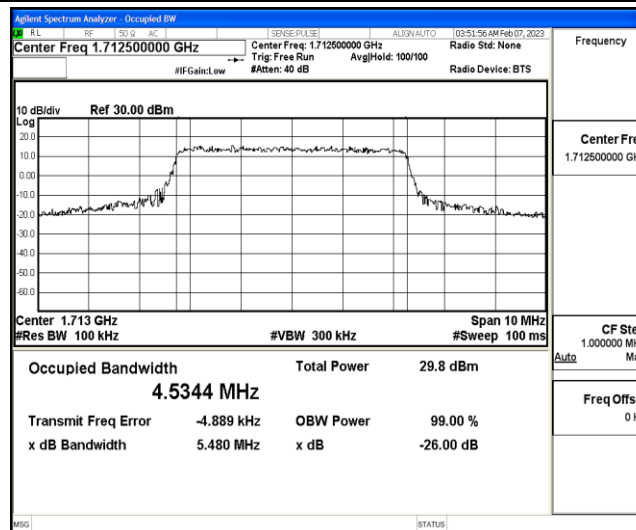
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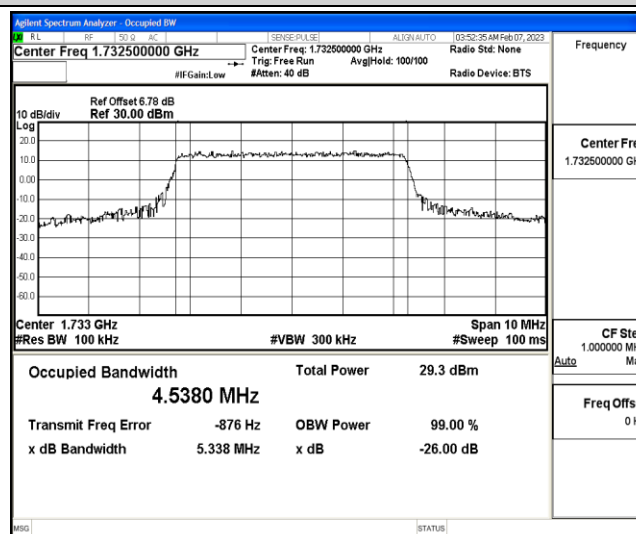
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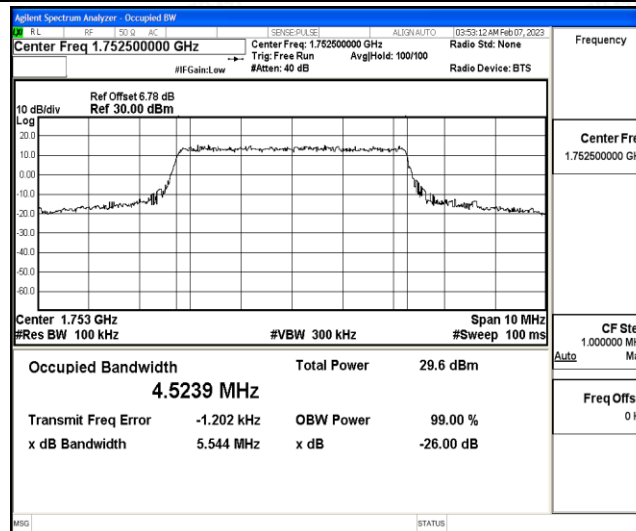


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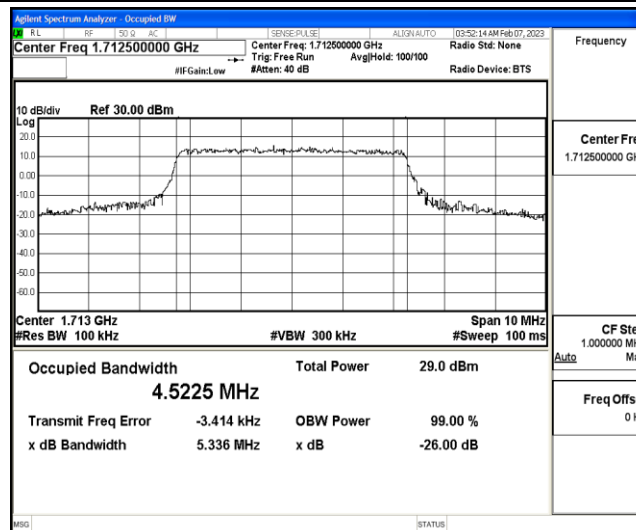


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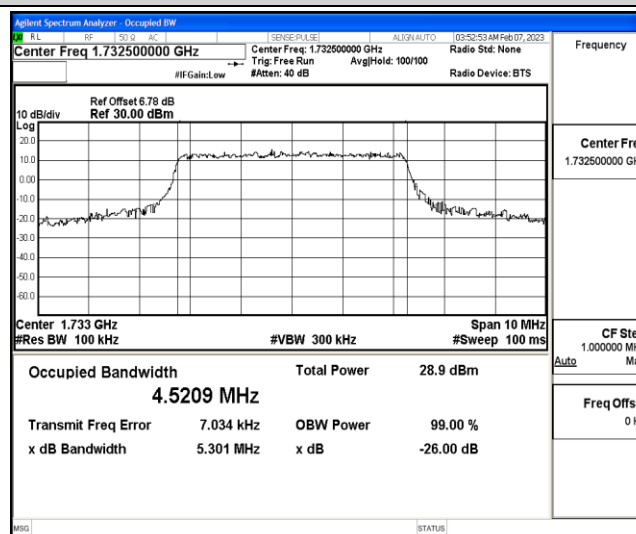




Band4-5MHz-16QAM-19975-25RB#0



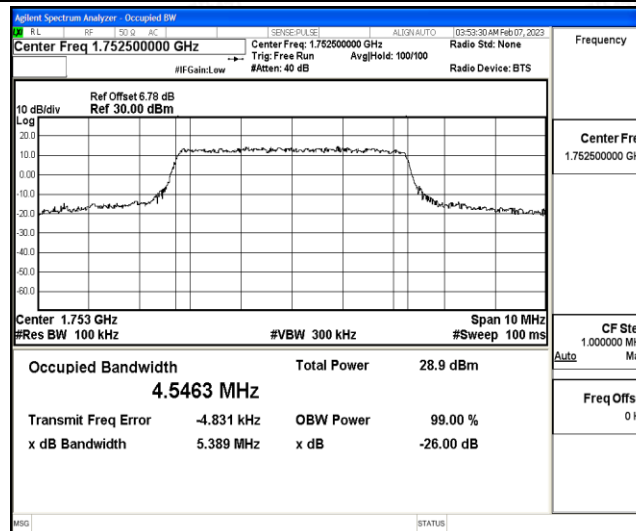
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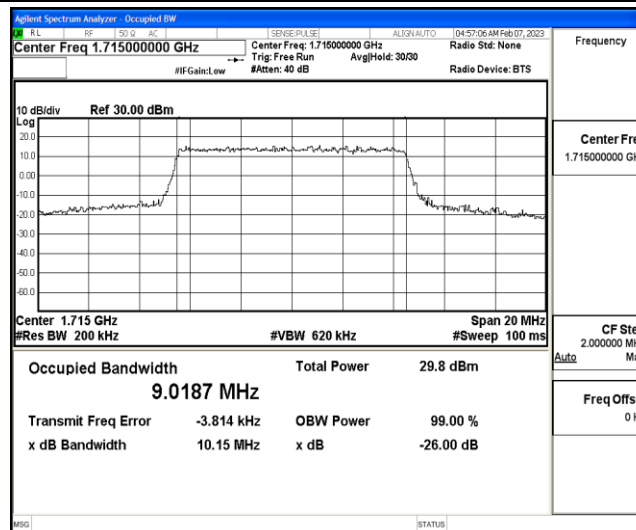
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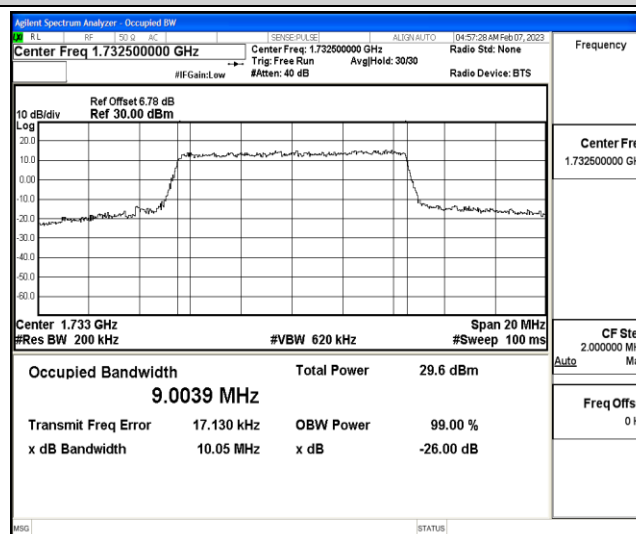
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Scan code to check authenticity



Band4-10MHz-QPSK-20000-50RB#0



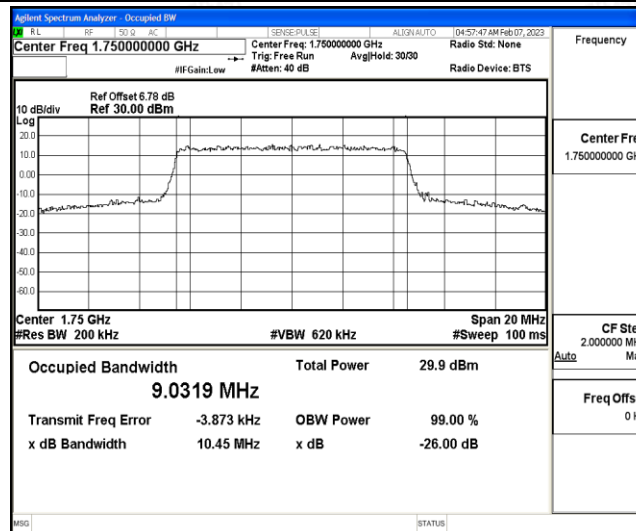
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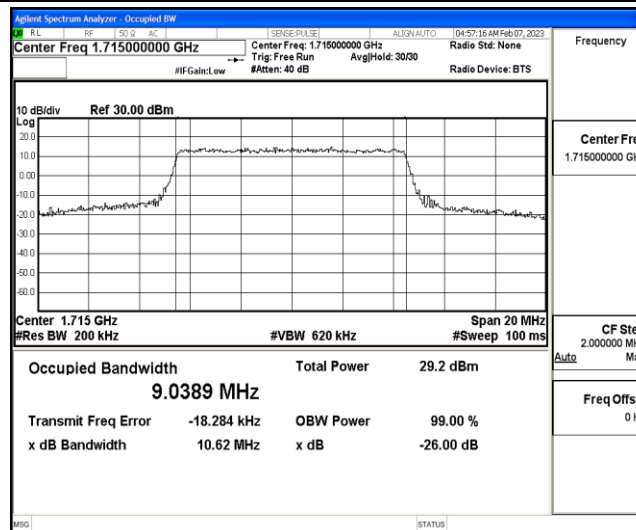
Band4-10MHz-QPSK-20350-50RB#0



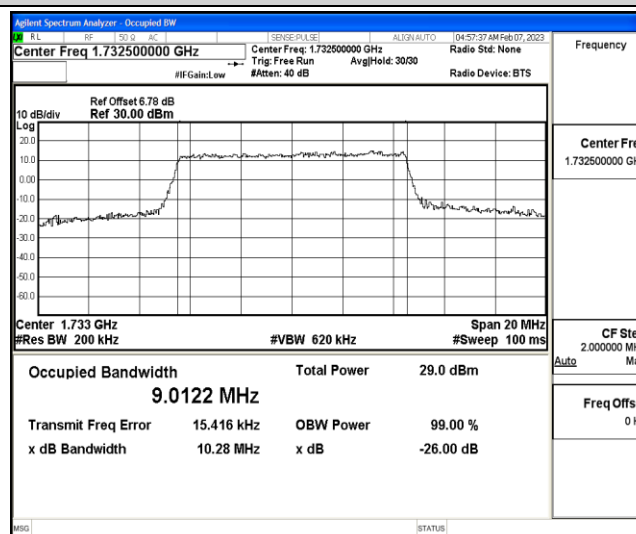
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
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Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20175-50RB#0



Band4-10MHz-16QAM-20350-50RB#0

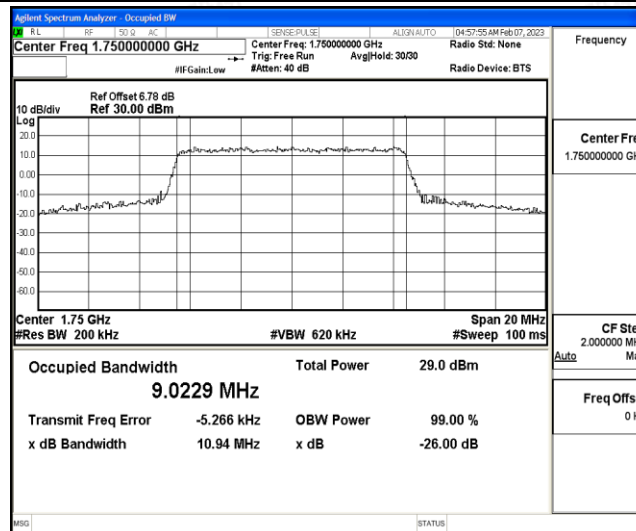


Shenzhen LCS Compliance Testing Laboratory Ltd.

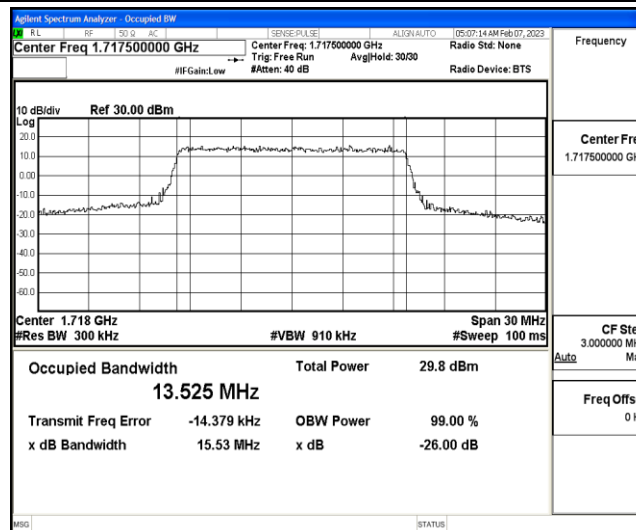
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

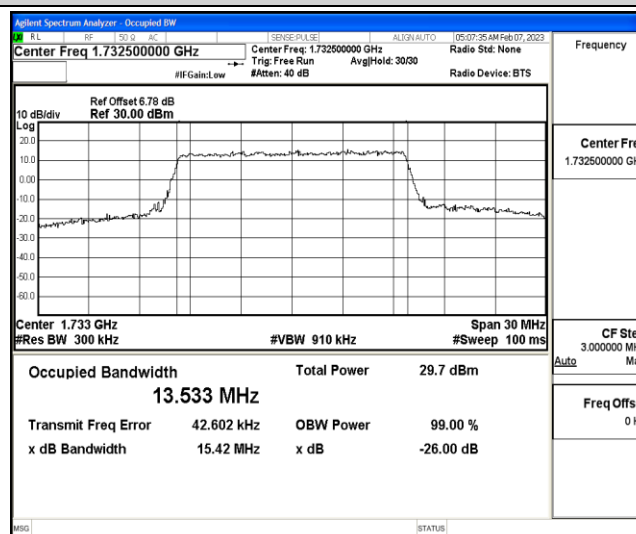
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Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0



Band4-15MHz-QPSK-20325-75RB#0

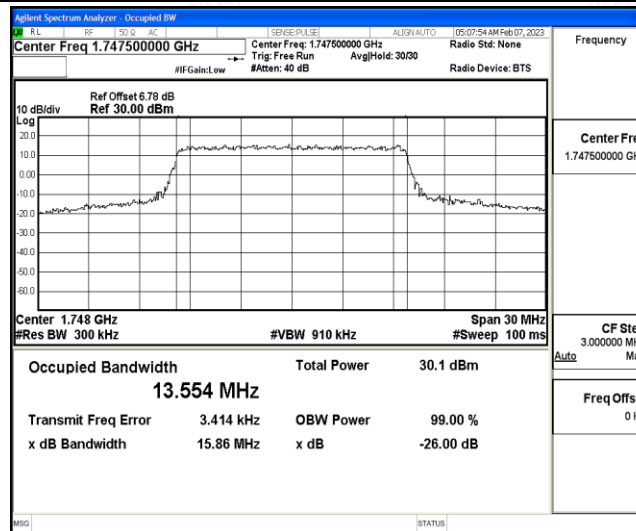


Shenzhen LCS Compliance Testing Laboratory Ltd.

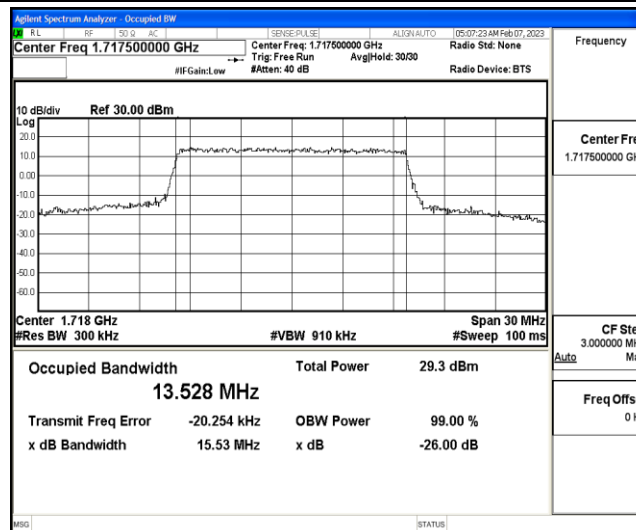
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

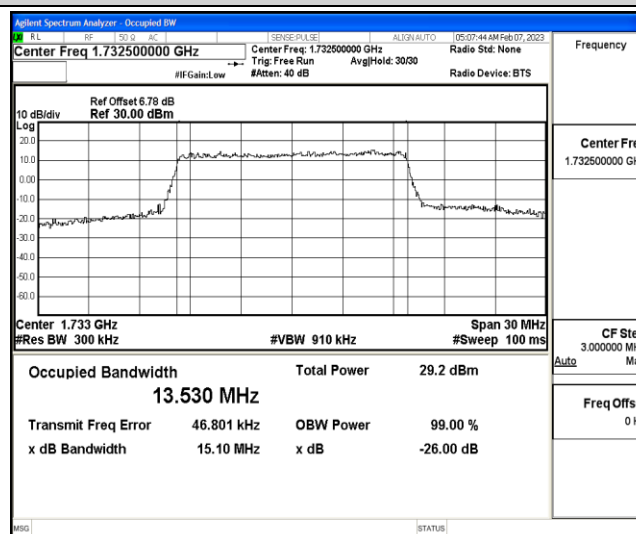
Scan code to check authenticity



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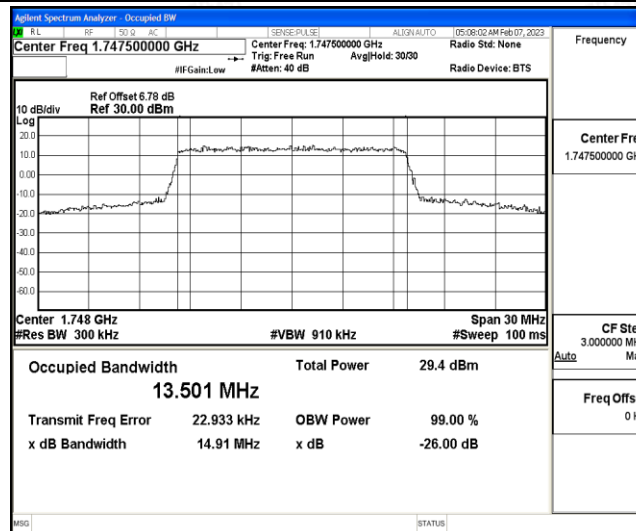


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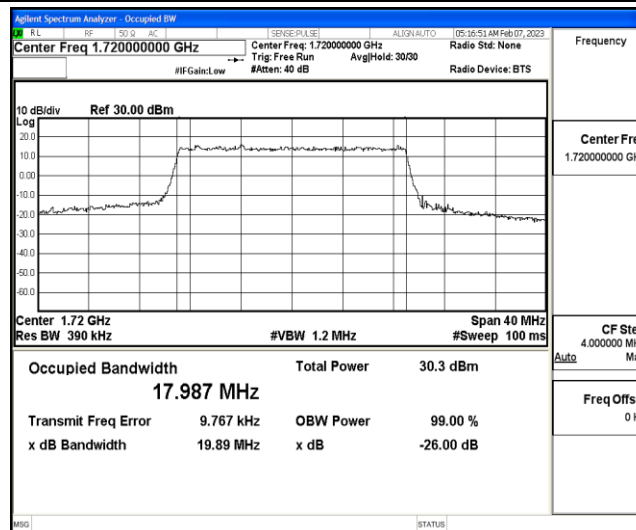


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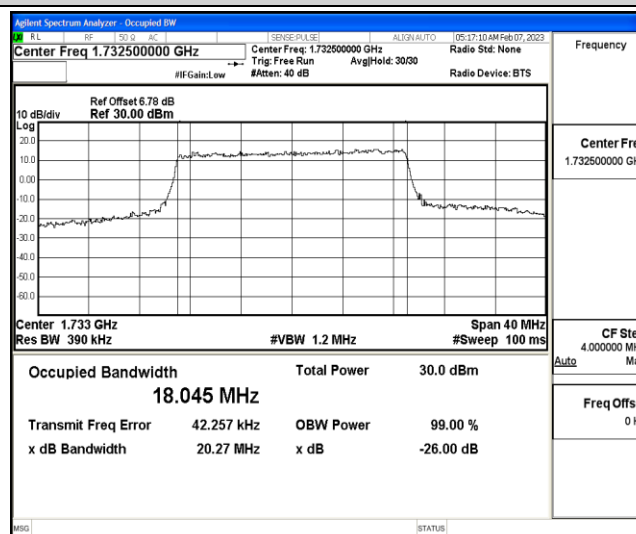




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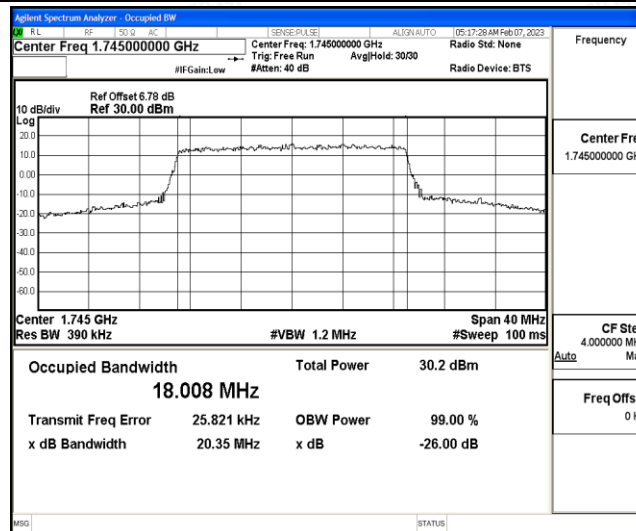


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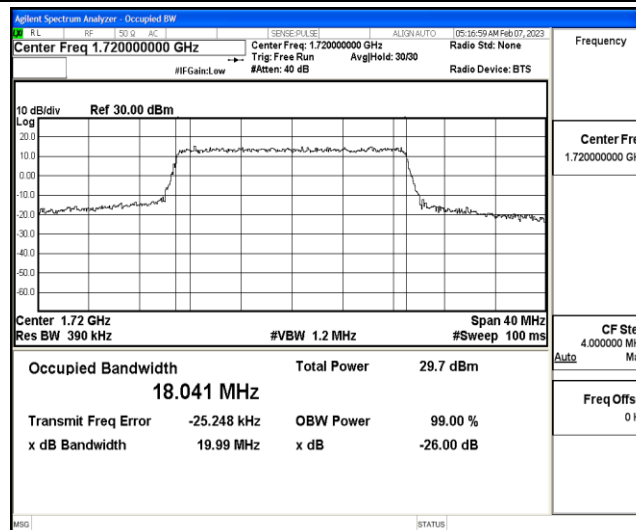


Band4-20MHz-QPSK-20300-100RB#0

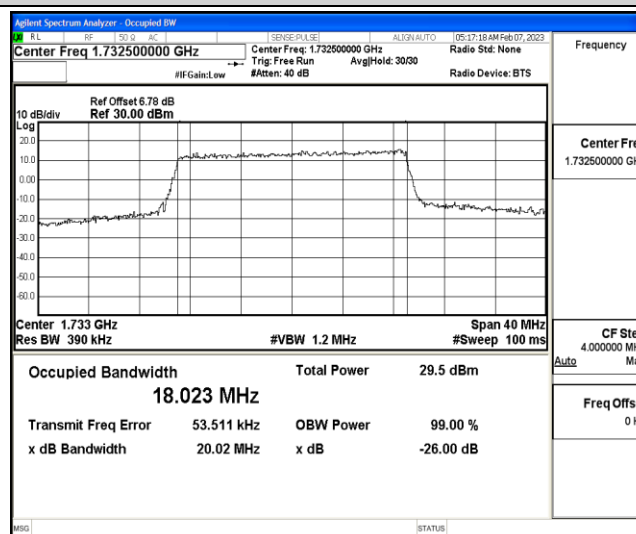




Band4-20MHz-16QAM-20050-100RB#0

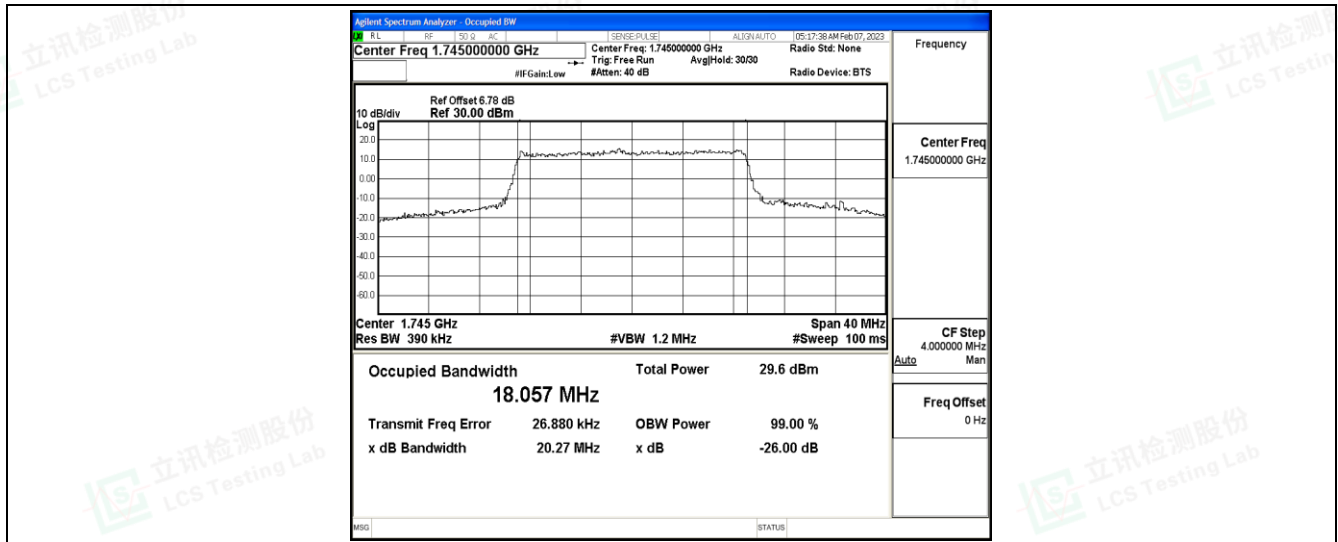


Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0







C.4 Band Edge

Test Result

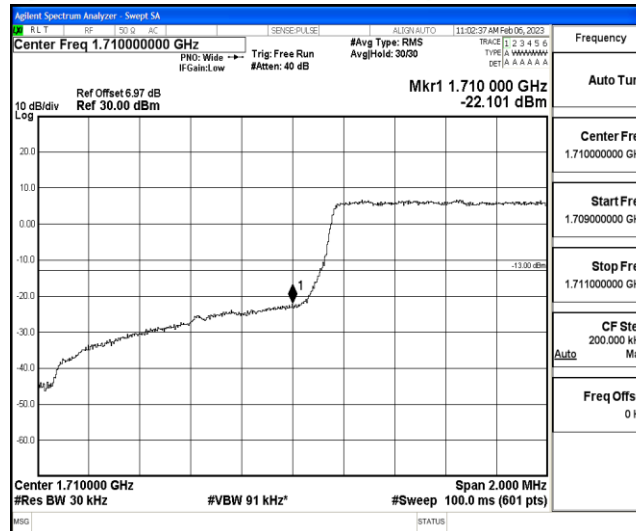
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-22.10	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-22.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-23.83	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-24.09	PASS
Band4	3MHz	QPSK	19965	15RB#0	-20.32	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.98	PASS
Band4	3MHz	16QAM	19965	15RB#0	-21.36	PASS
Band4	3MHz	16QAM	20385	15RB#0	-21.90	PASS
Band4	5MHz	QPSK	19975	25RB#0	-22.37	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.16	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.23	PASS
Band4	5MHz	16QAM	20375	25RB#0	-22.92	PASS
Band4	10MHz	QPSK	20000	50RB#0	-22.51	PASS
Band4	10MHz	QPSK	20350	50RB#0	-21.39	PASS
Band4	10MHz	16QAM	20000	50RB#0	-23.88	PASS
Band4	10MHz	16QAM	20350	50RB#0	-22.89	PASS
Band4	15MHz	QPSK	20025	75RB#0	-22.34	PASS
Band4	15MHz	QPSK	20325	75RB#0	-20.49	PASS
Band4	15MHz	16QAM	20025	75RB#0	-23.82	PASS
Band4	15MHz	16QAM	20325	75RB#0	-22.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	-22.83	PASS
Band4	20MHz	QPSK	20300	100RB#0	-21.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	-24.25	PASS
Band4	20MHz	16QAM	20300	100RB#0	-22.49	PASS



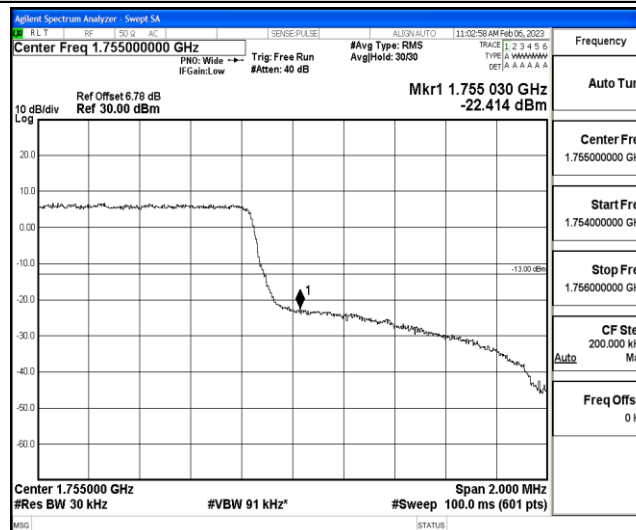


Test Graphs

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



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



Band4-1.4MHz-16QAM-19957-6RB#0

