



Appendix E: Test Data for E-UTRA Band 4

Product Name: Kids Smartwatch

Test Model: XGO3

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan



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E.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	22.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.92	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.49	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.63	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.63	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.64	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.63	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.33	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.43	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.31	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.41	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.36	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.32	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.37	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.43	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.45	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.36	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.51	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.39	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.42	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.39	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.36	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.57	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.38	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	20.21	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.15	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.14	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.12	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.33	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.13	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.17	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.19	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.23	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.24	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.08	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.15	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.17	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.14	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.14	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.19	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.12	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.95	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.99	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.93	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.94	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.89	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.87	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.86	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.85	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.98	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.88	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.89	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.93	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.92	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.85	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.11	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.91	PASS





Band4	3MHz	16QAM	19965	1RB#14	20.91	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.14	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.16	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.13	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.14	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.80	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.72	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.65	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.88	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.88	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.87	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.77	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.65	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.86	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.86	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.89	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.85	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.87	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.74	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.06	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.12	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.04	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.06	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.08	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.15	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.84	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.48	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.30	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.40	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.39	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.31	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.36	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.27	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.84	PASS





Band4	5MHz	QPSK	20375	1RB#24	21.49	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.83	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.83	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.85	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.81	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.02	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.24	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.14	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.15	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.17	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.99	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.29	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.36	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.20	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.30	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.35	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.26	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.34	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.45	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.89	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.73	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.78	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.76	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.84	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.78	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.20	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.31	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.11	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.24	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.21	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.20	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.20	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.09	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.99	PASS





Band4	10MHz	QPSK	20175	1RB#49	21.65	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.95	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.01	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.70	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.94	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.87	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.90	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.92	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.76	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.77	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.87	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.81	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.95	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.18	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.98	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.27	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.27	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.24	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.24	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.11	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.07	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.70	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.90	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.97	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.85	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.90	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.49	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.75	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.72	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.75	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.78	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.89	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.81	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.02	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.10	PASS





Band4	15MHz	QPSK	20025	1RB#74	21.84	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.97	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.17	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.97	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.13	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.03	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.83	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.65	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.04	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.89	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.66	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.58	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.78	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.80	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.59	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.71	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.79	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.87	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.11	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.22	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.97	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.01	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.20	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.99	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.17	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.07	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.89	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.60	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.04	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.95	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.90	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.65	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.69	PASS





Band4	15MHz	16QAM	20325	1RB#74	20.77	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.57	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.71	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.85	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.74	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.92	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.30	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.66	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.22	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.18	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.96	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.08	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.99	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.55	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.06	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.09	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.84	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.95	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.60	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.93	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.70	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.58	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.54	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.77	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.67	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.97	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.13	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.50	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.26	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.20	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.06	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.08	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.96	PASS





Band4	20MHz	16QAM	20175	1RB#99	20.34	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.12	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.07	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.80	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.45	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.66	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.75	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.52	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.55	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.69	PASS





E.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	4.68	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.12	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.61	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.58	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.54	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.58	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.17	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.34	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.50	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.01	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.17	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.78	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.16	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.23	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.60	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.92	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.19	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.19	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.90	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.95	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.06	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.56	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.53	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.58	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.23	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.09	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.33	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.45	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.32	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.89	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.24	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.10	13	PASS



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Scan code to check authenticity



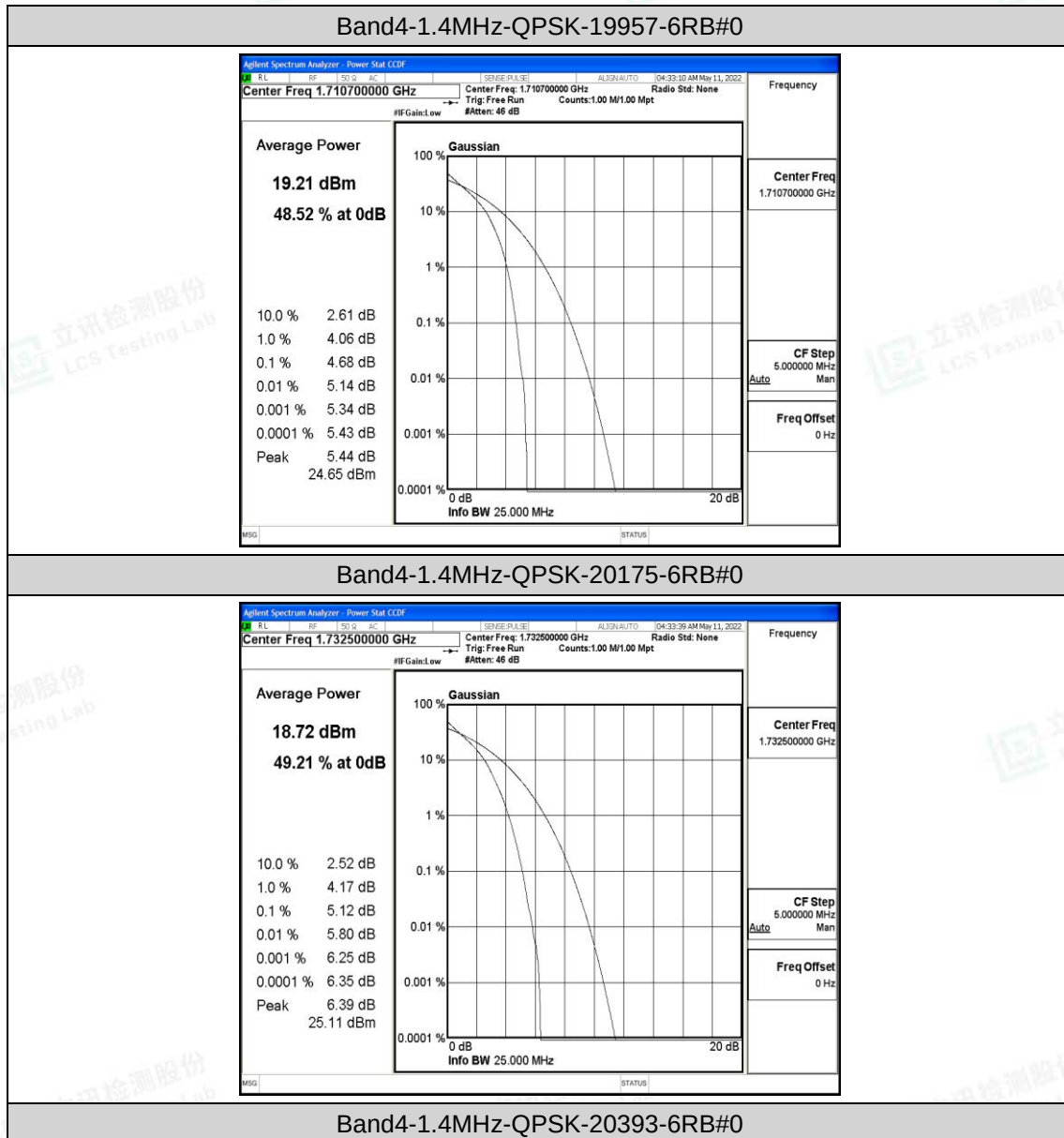
Band4	20MHz	16QAM	20300	100RB#0	5.60	13	PASS
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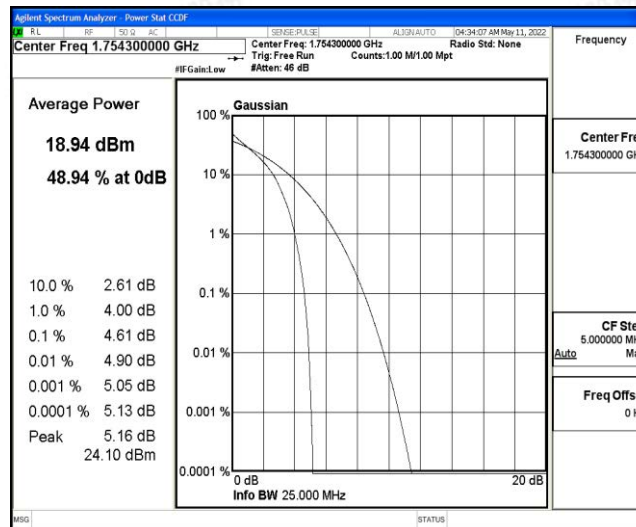


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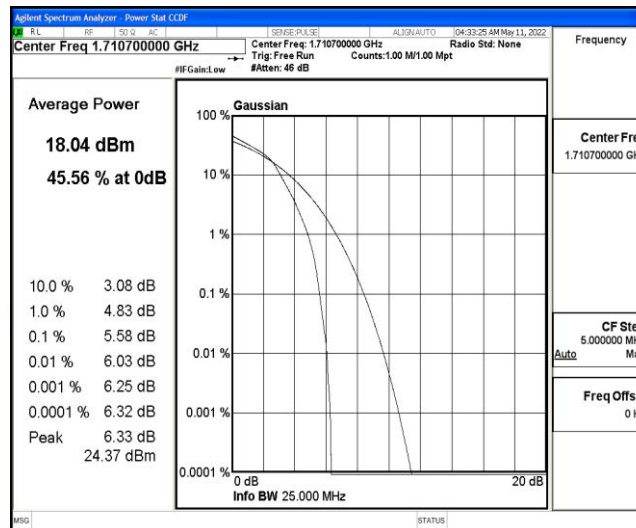


Test Graphs

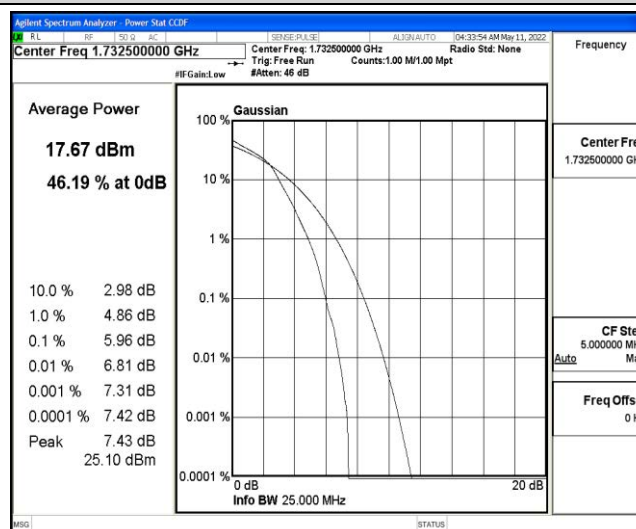




Band4-1.4MHz-16QAM-19957-6RB#0

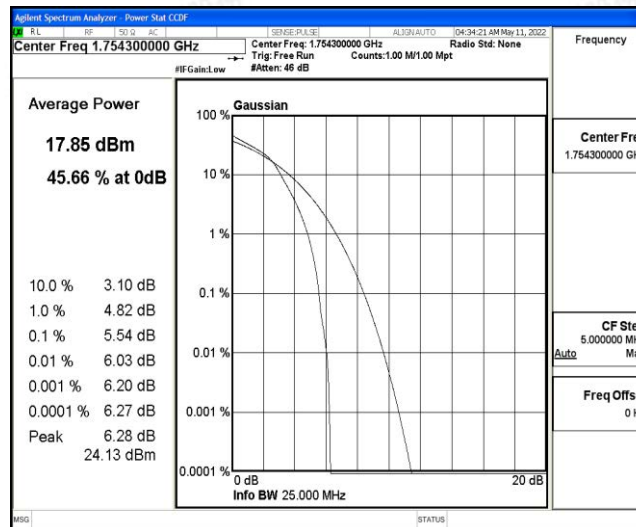


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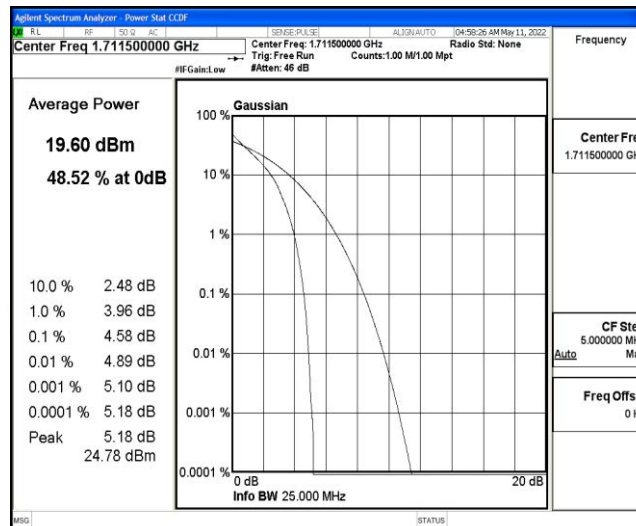


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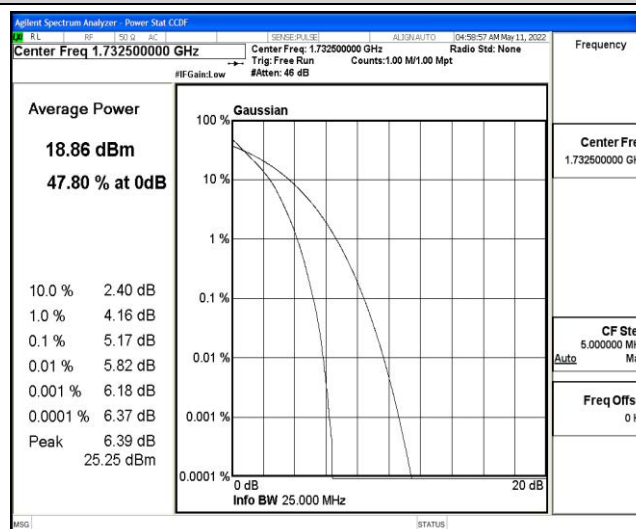




Band4-3MHz-QPSK-19965-15RB#0



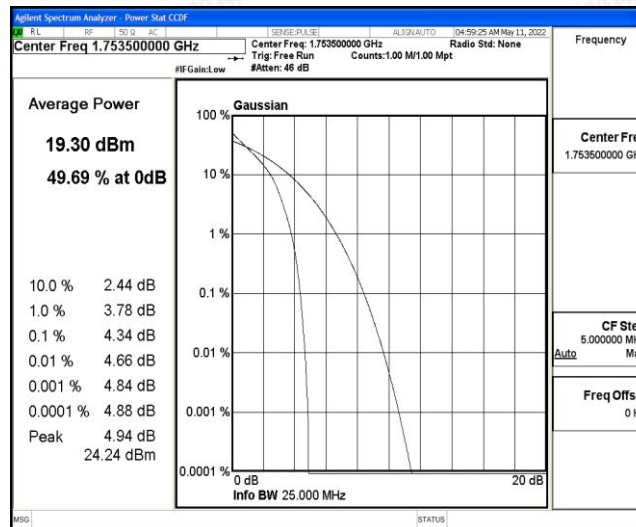
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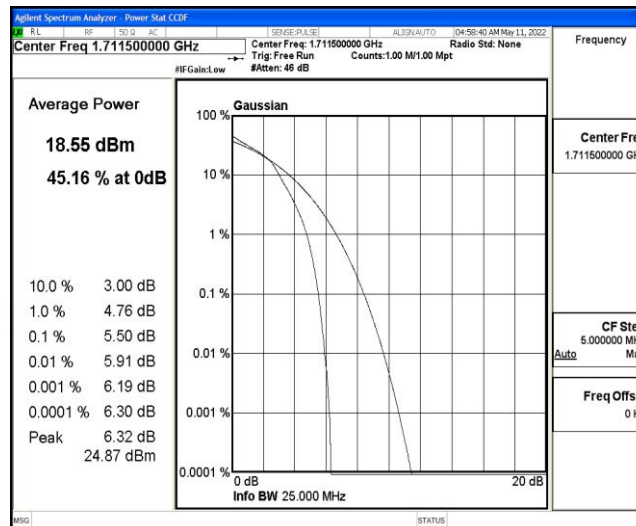
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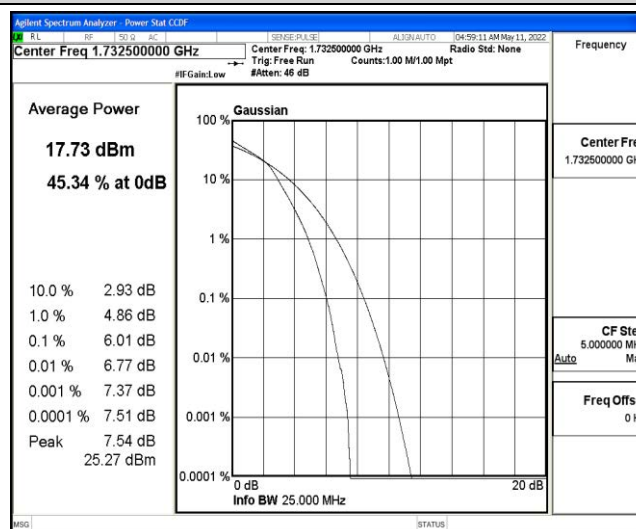
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



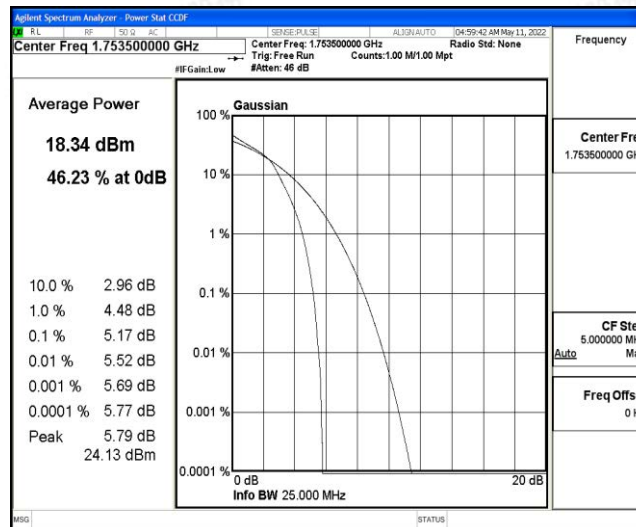
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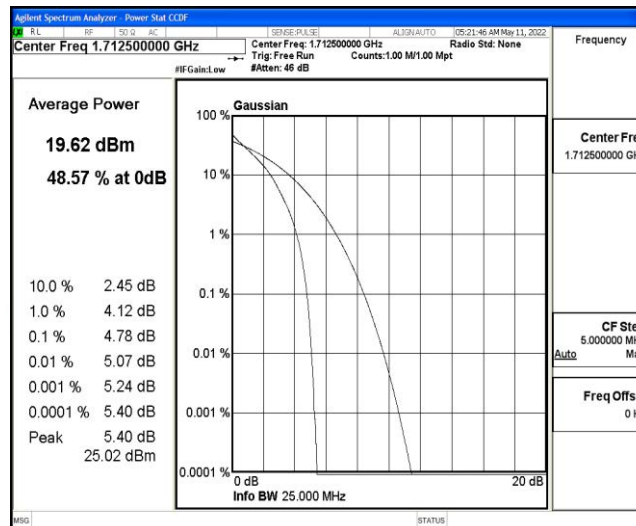
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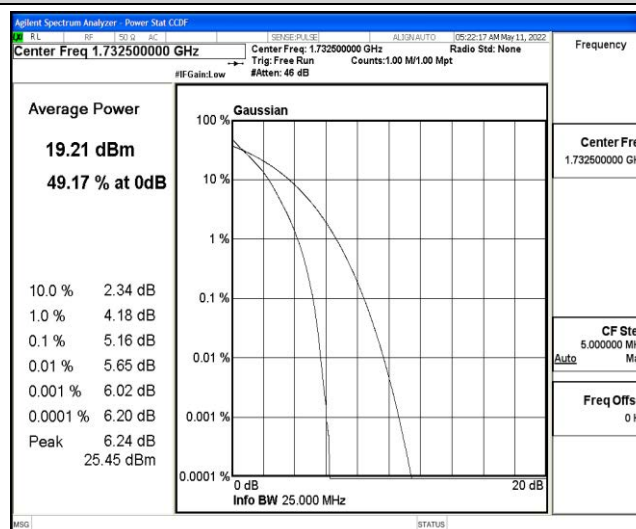
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-5MHz-QPSK-19975-25RB#0

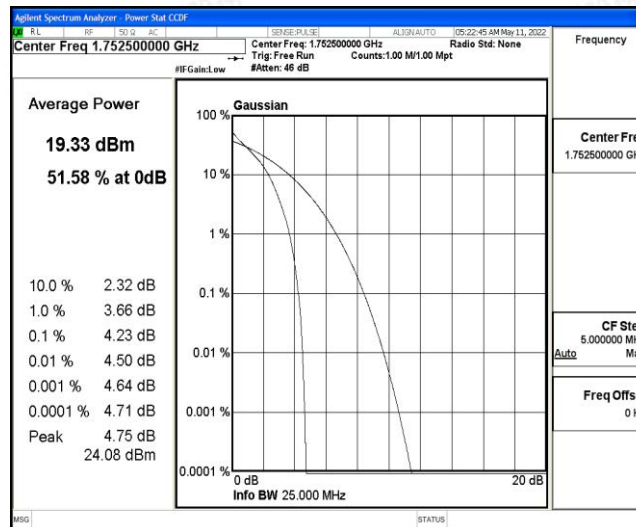


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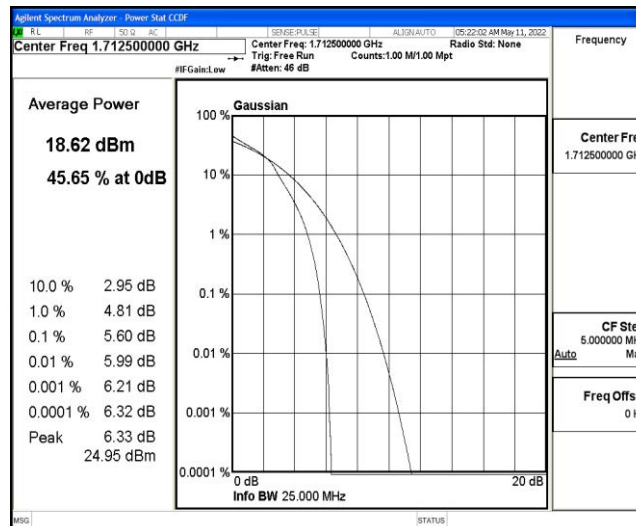


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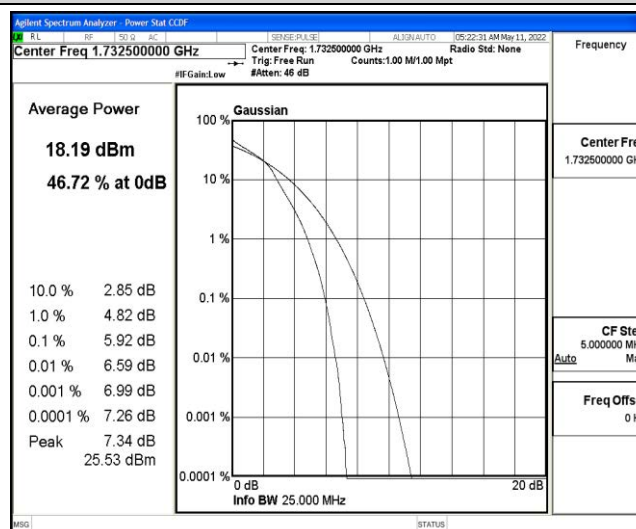




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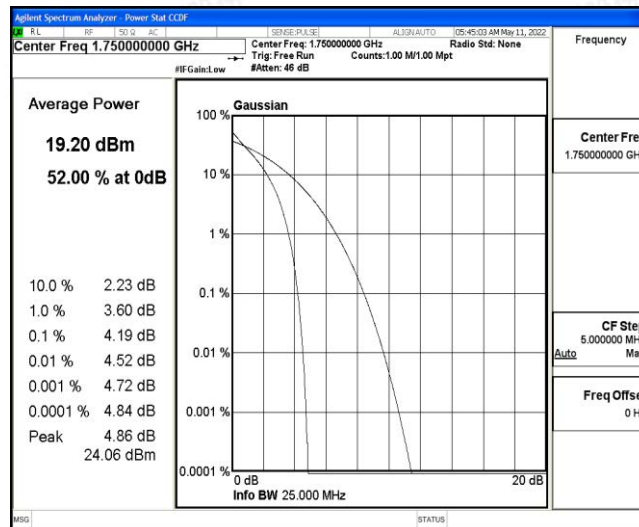


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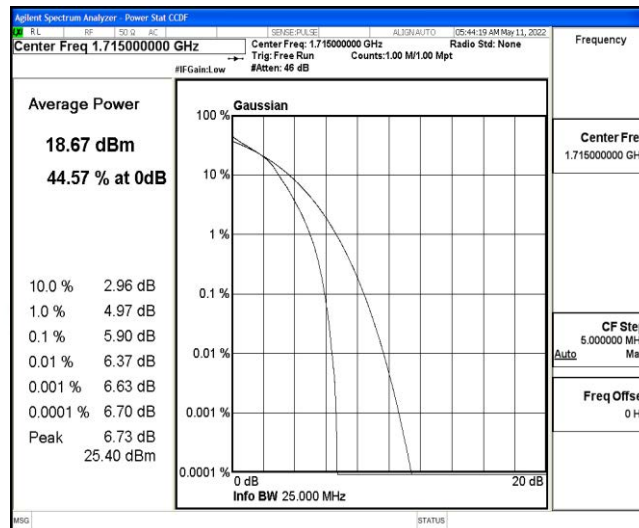


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

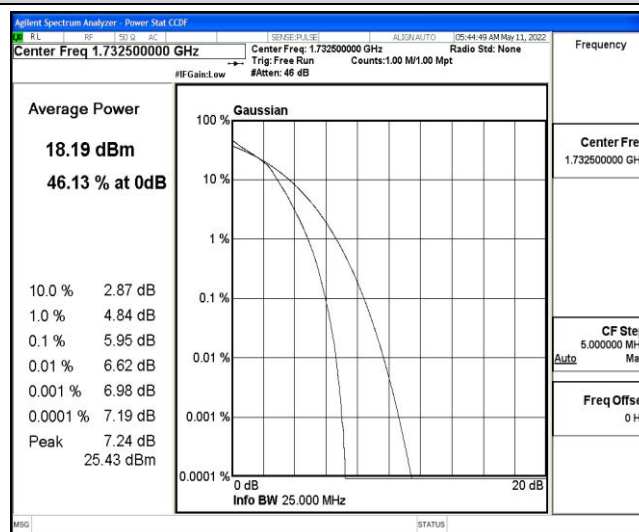




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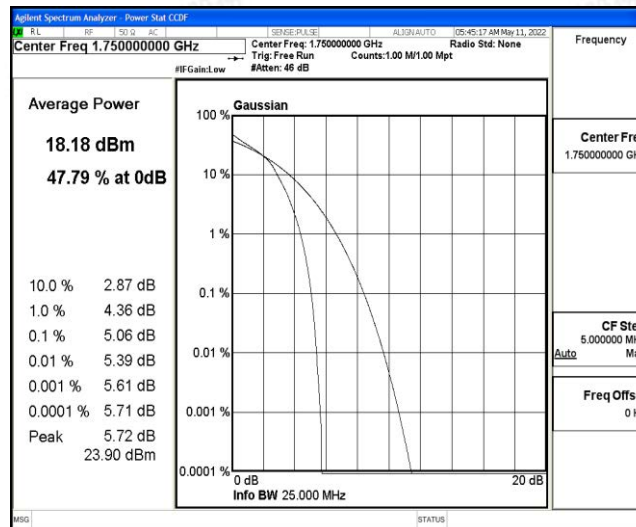


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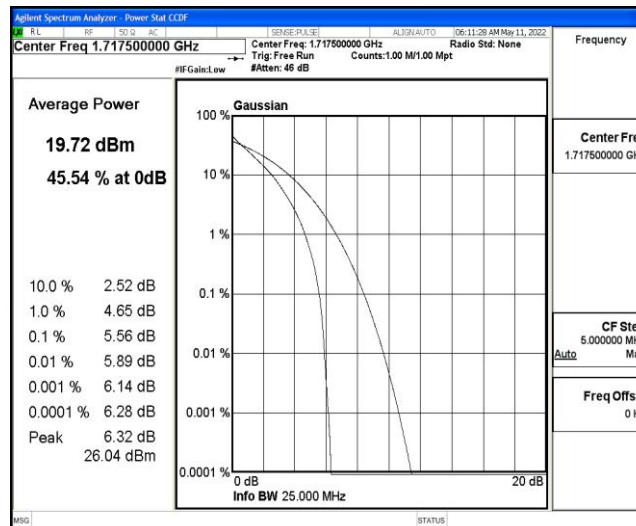


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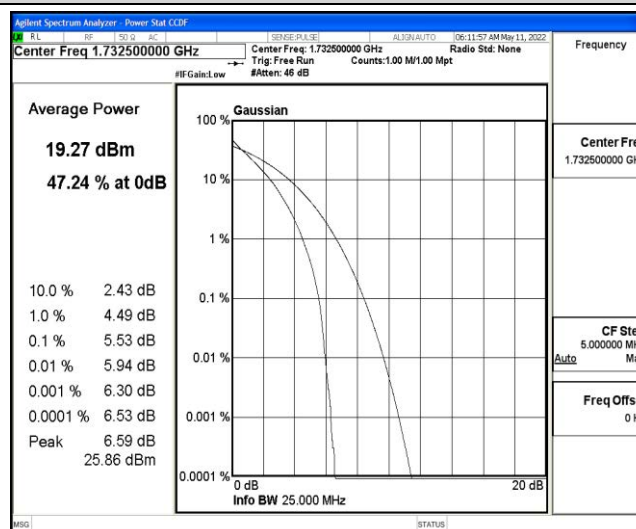




Band4-15MHz-QPSK-20025-75RB#0

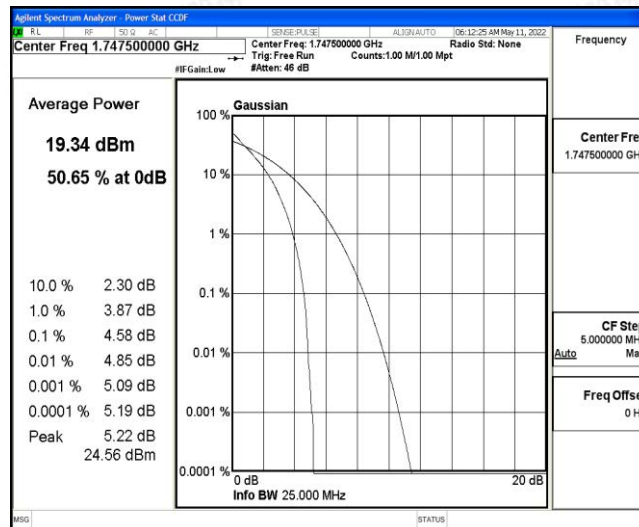


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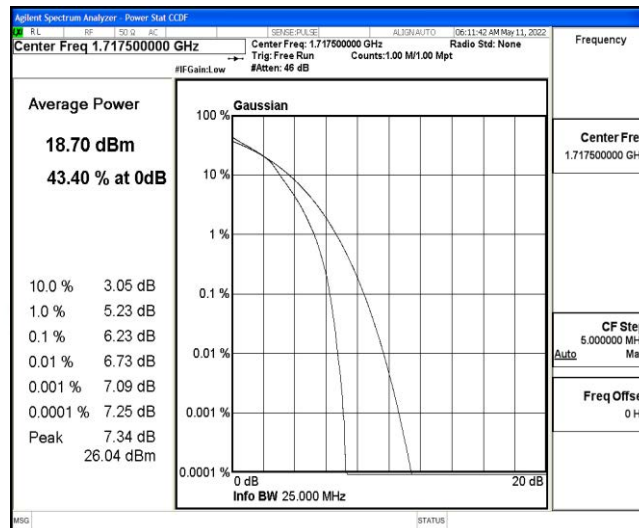


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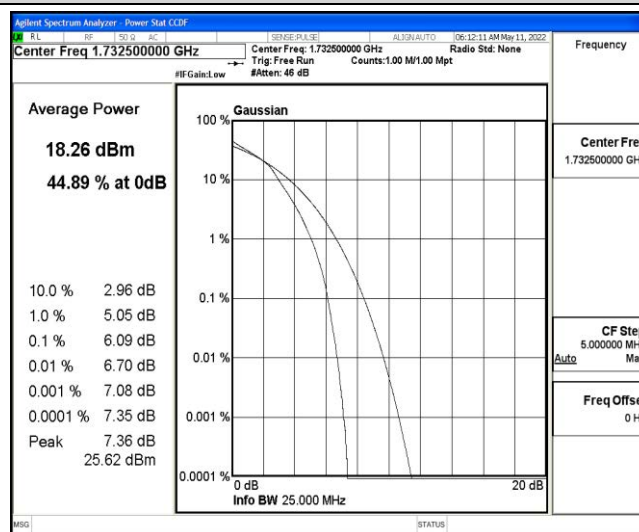




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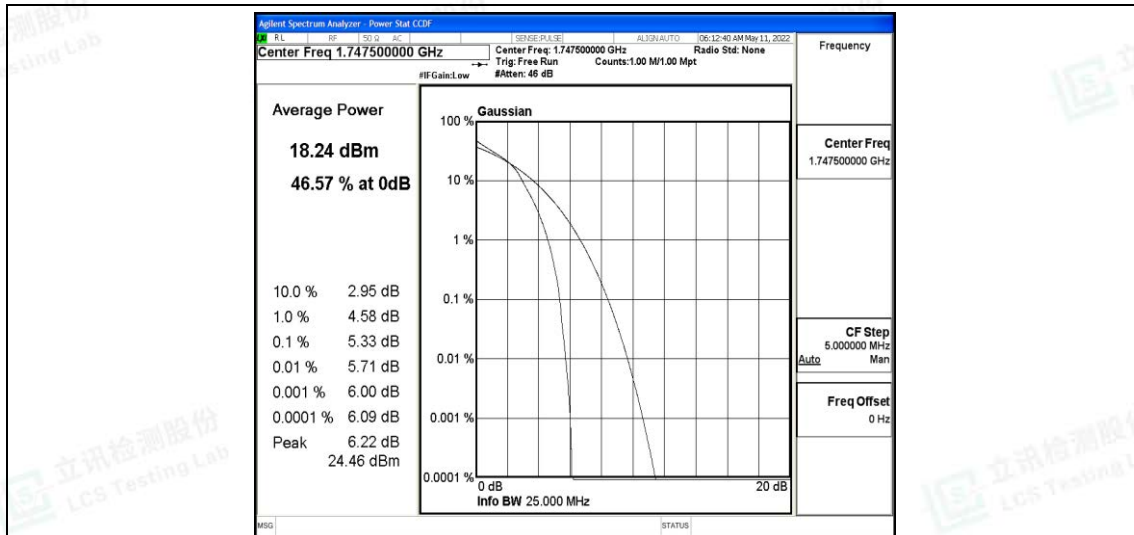


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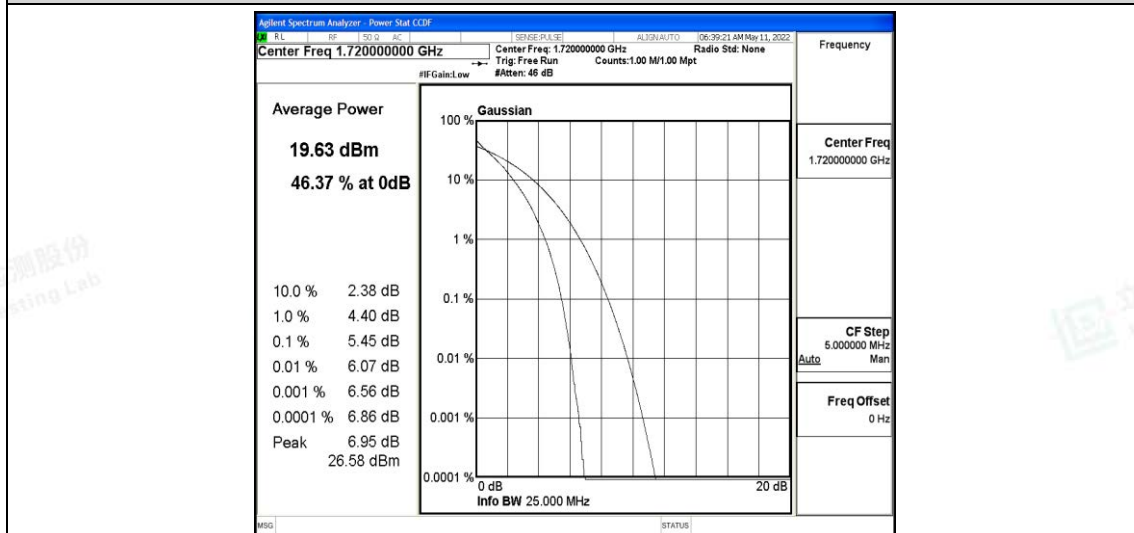


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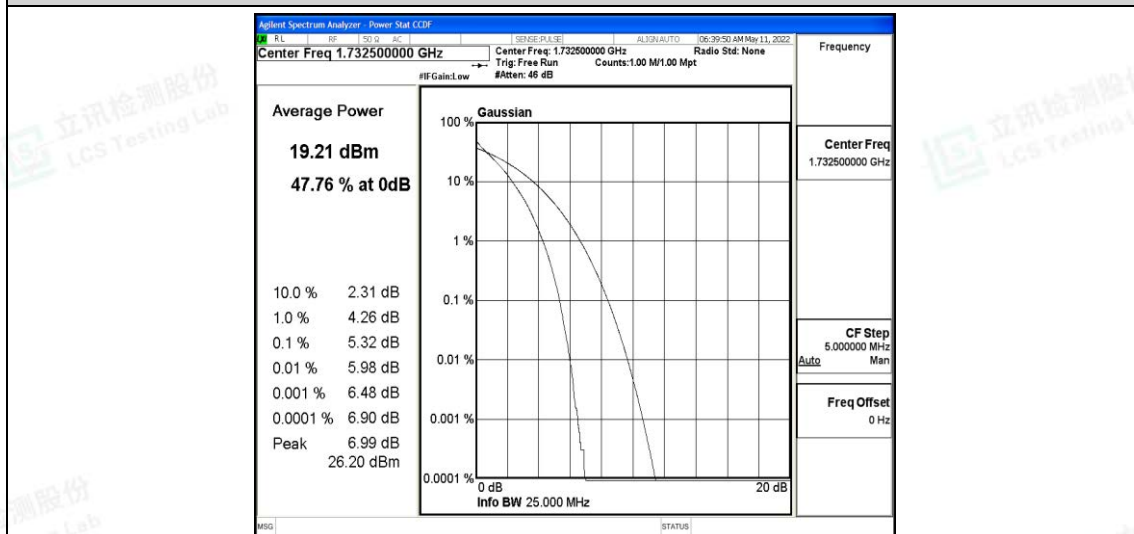




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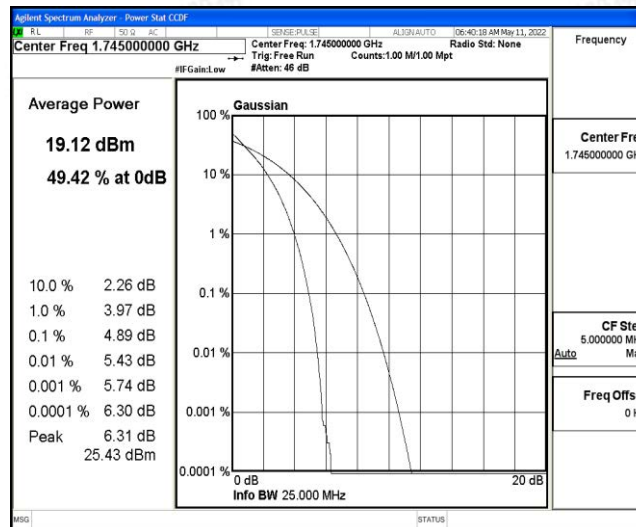


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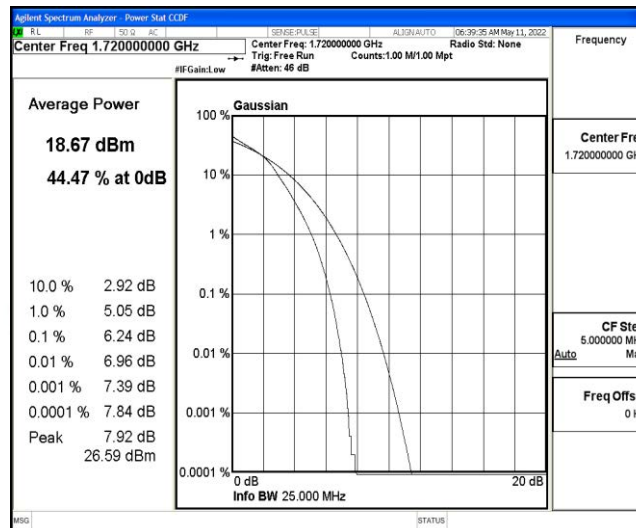


Band4-20MHz-QPSK-20300-100RB#0

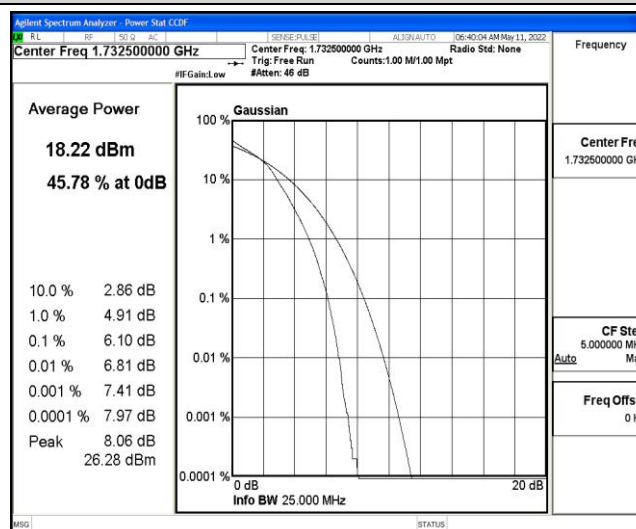




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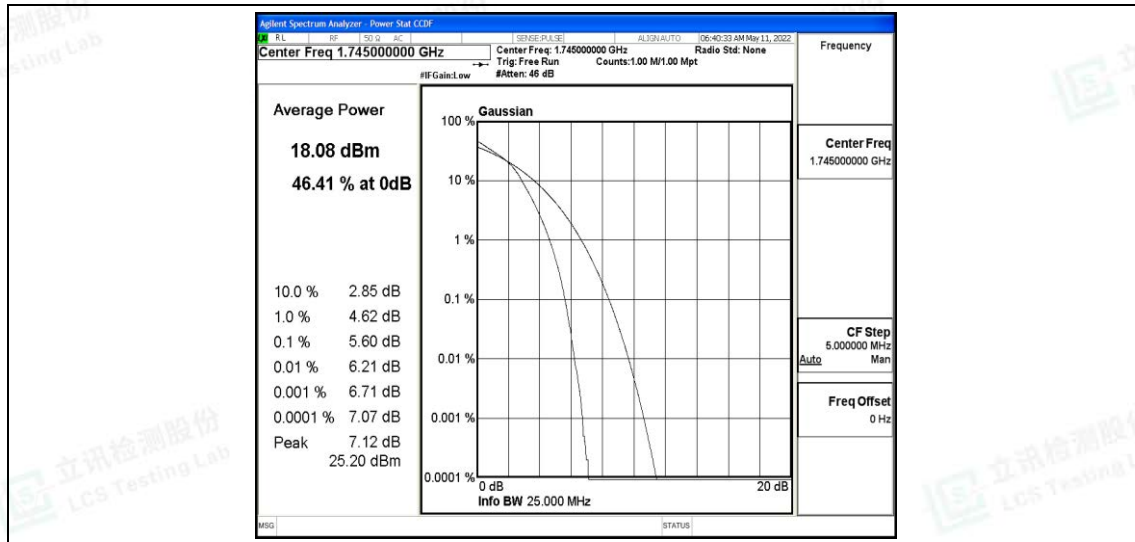


Band4-20MHz-16QAM-20175-100RB#0



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







E.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	1.0918	1.282	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0882	1.270	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0934	1.283	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0973	1.281	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0886	1.307	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0958	1.278	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6915	2.889	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6874	2.908	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6847	2.884	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6834	2.883	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6839	2.904	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6823	2.897	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4954	4.924	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4990	4.931	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4980	4.911	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4928	4.900	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4880	4.911	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4940	4.969	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9871	9.804	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9884	9.819	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9985	9.766	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9907	9.735	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9974	9.768	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9809	9.752	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.493	14.68	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.481	14.67	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.474	14.59	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.485	14.60	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.459	14.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.981	19.36	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.962	19.39	PASS





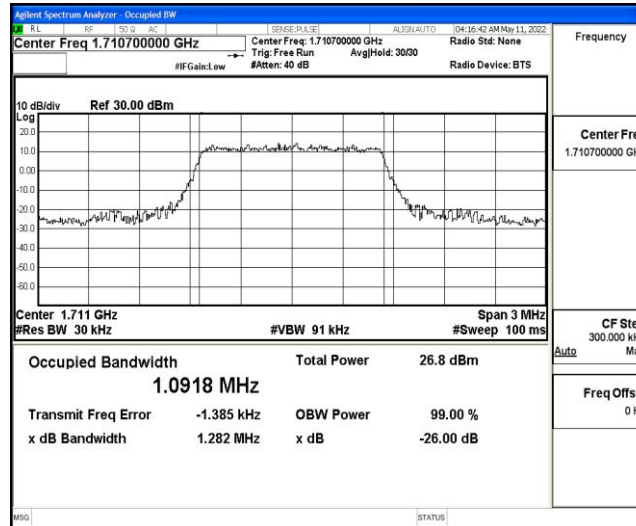
Band4	20MHz	QPSK	20300	100RB#0	17.957	19.38	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.924	19.31	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.954	19.31	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.983	20.42	PASS



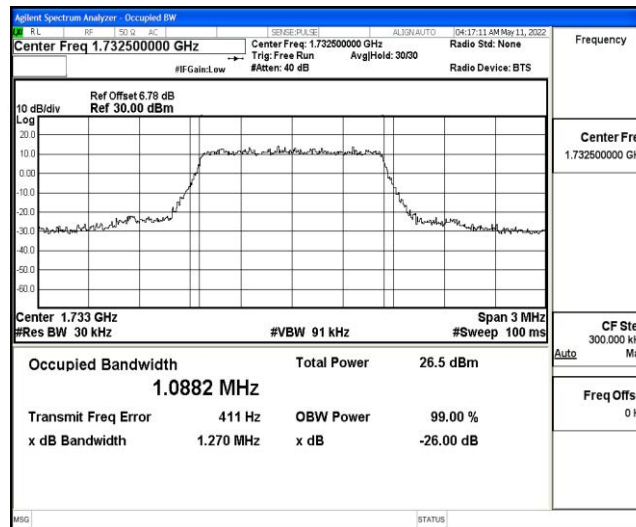


Test Graphs

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

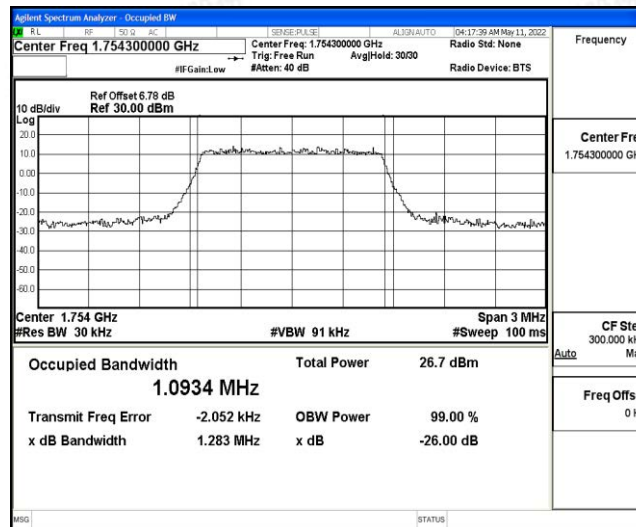


Band4-1.4MHz-QPSK-20175-6RB#0

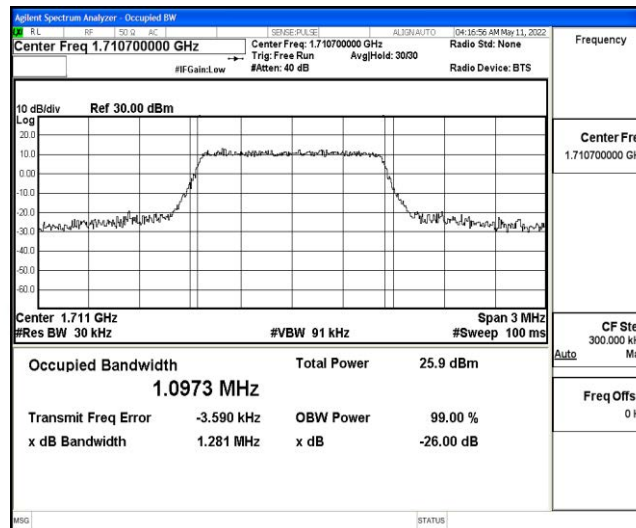


Band4-1.4MHz-QPSK-20393-6RB#0





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

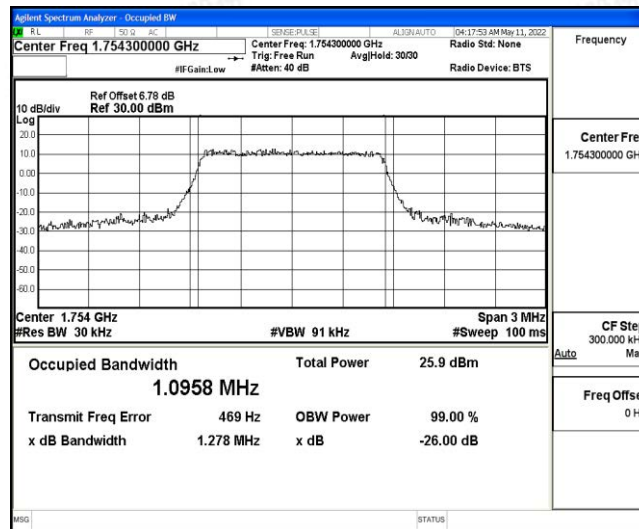


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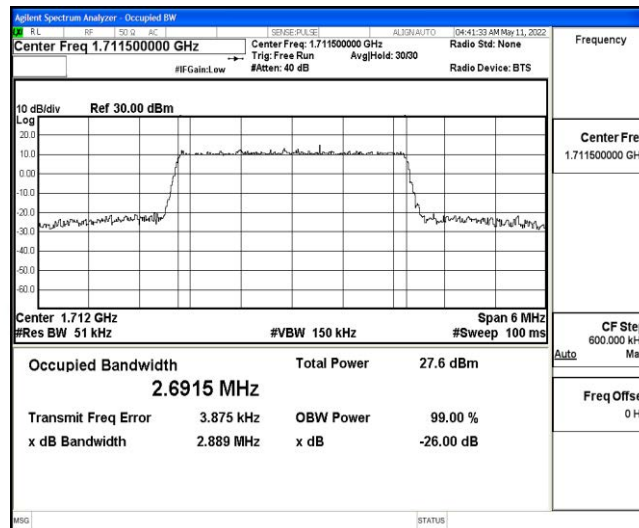


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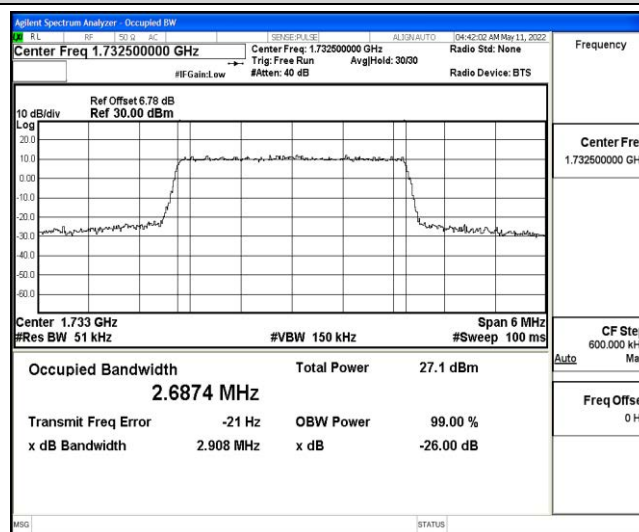




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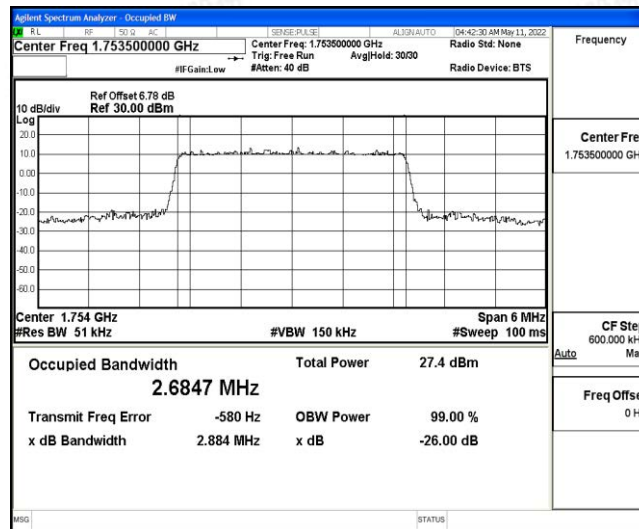


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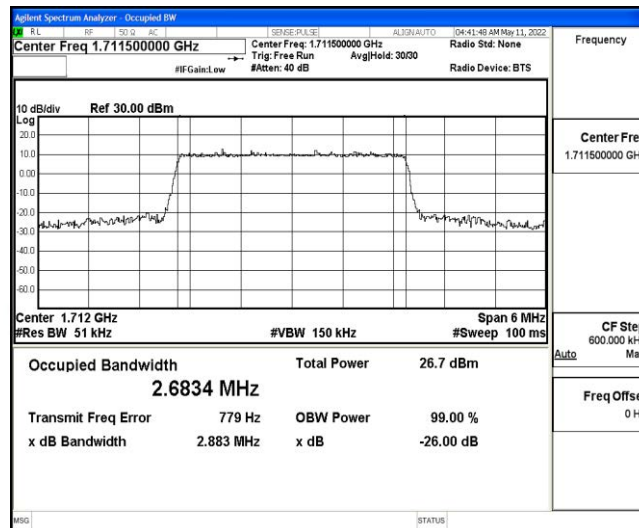


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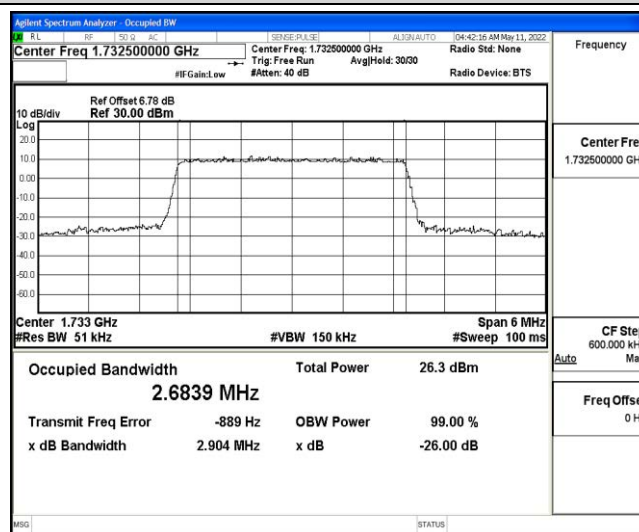




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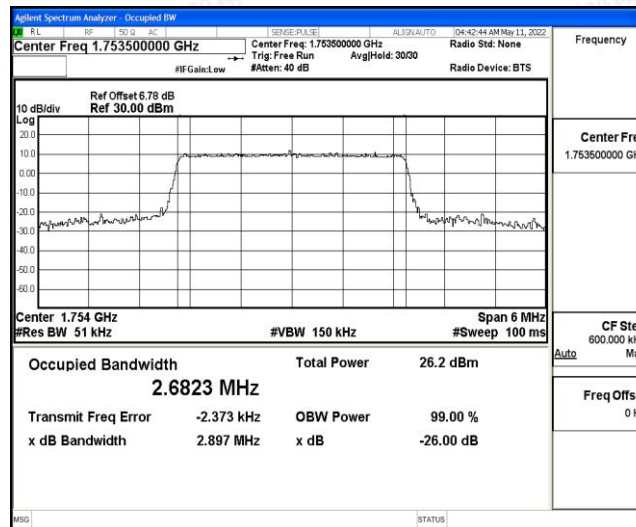


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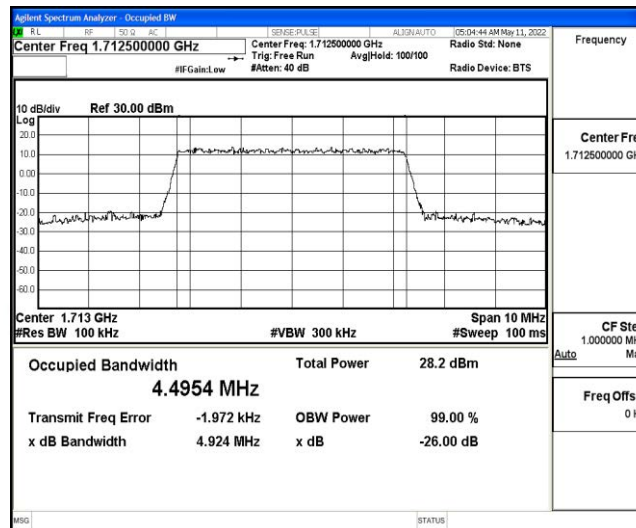


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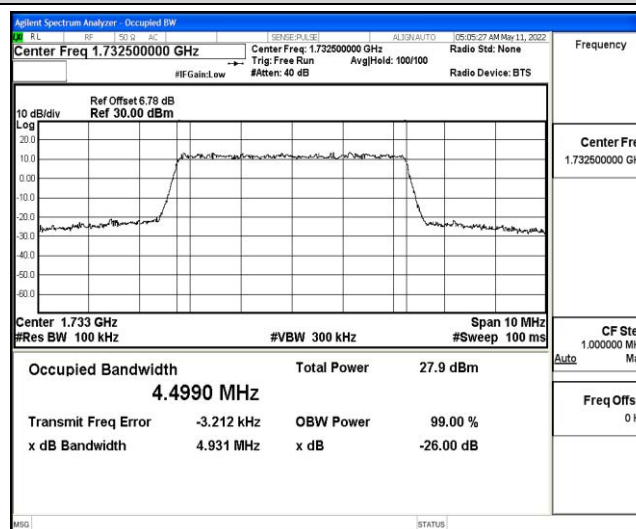




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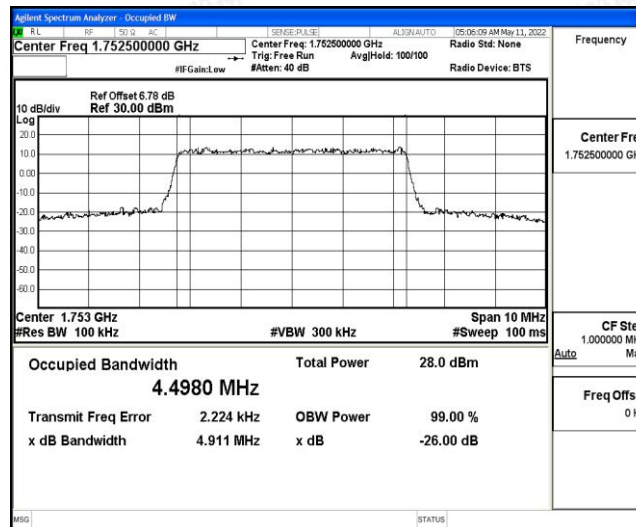


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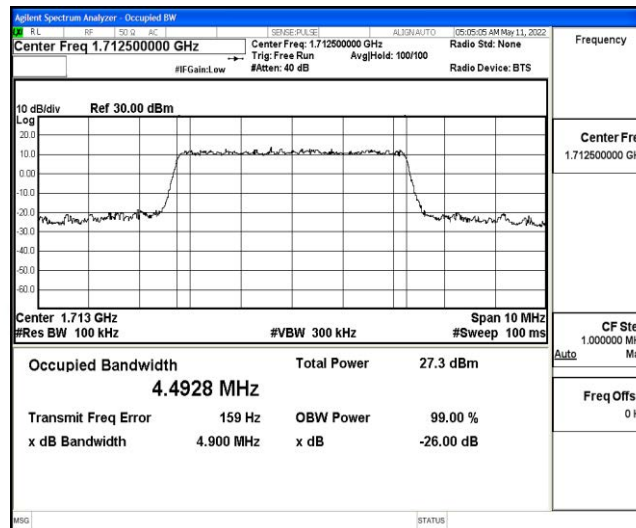


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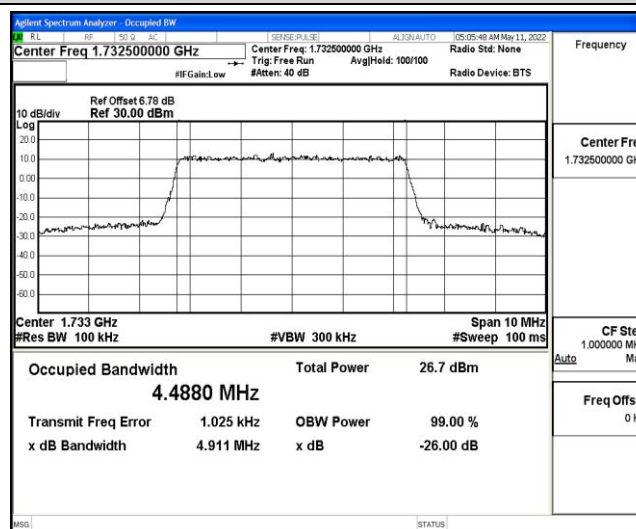




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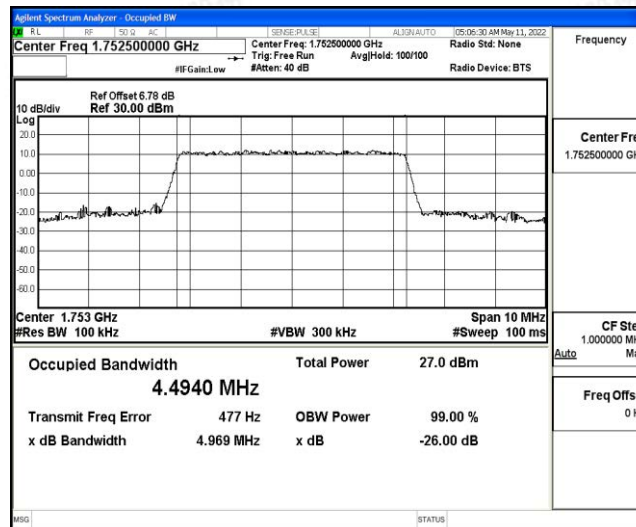


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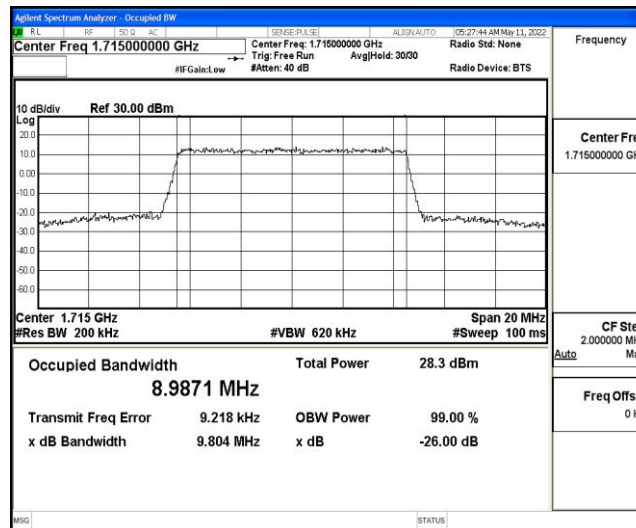


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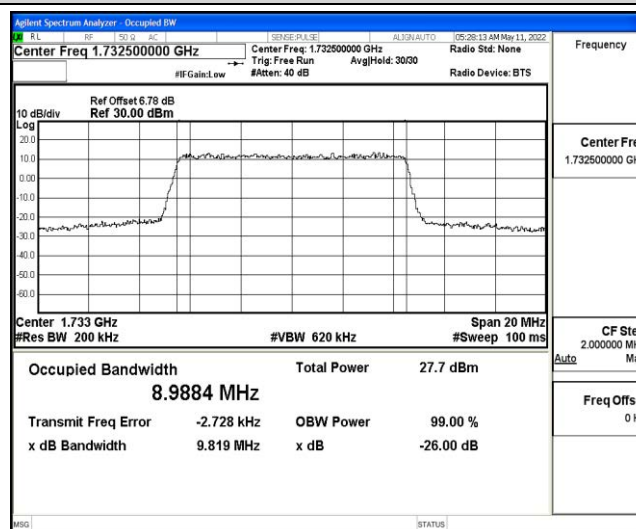




Band4-10MHz-QPSK-20000-50RB#0

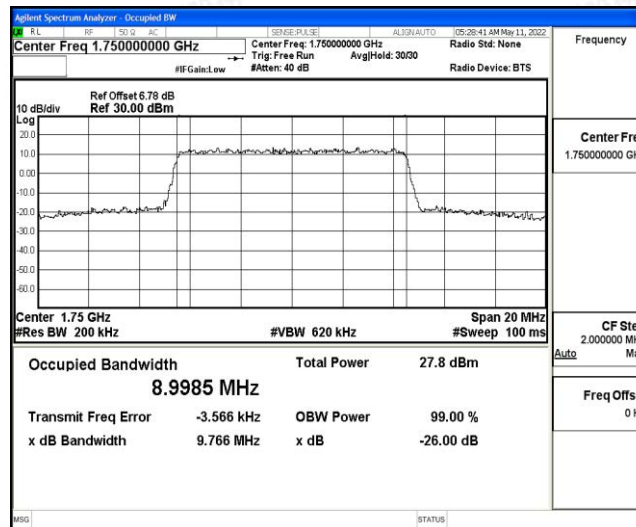


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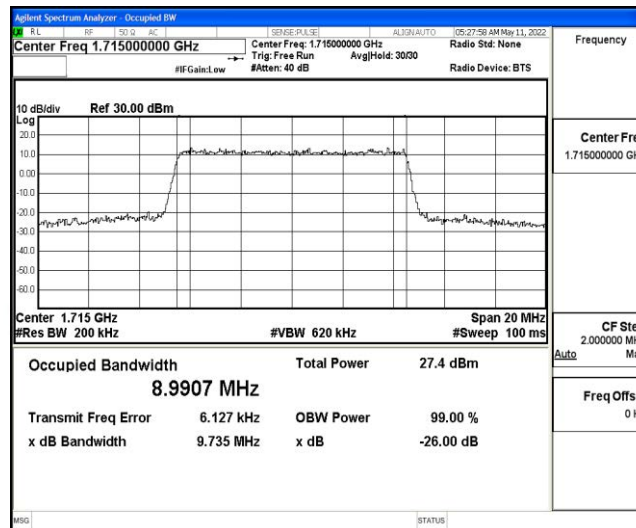


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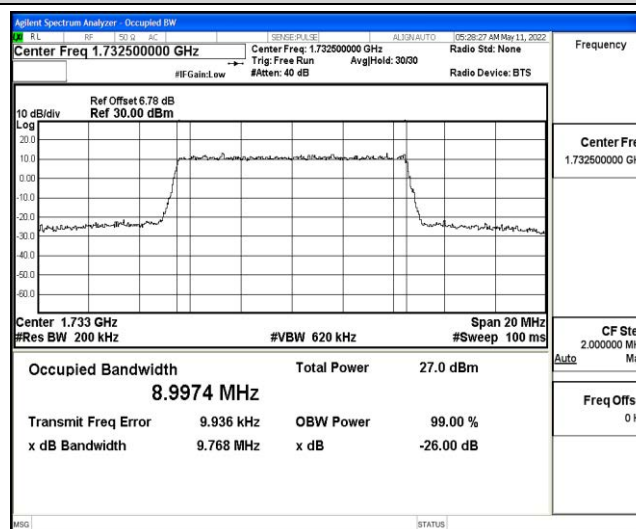




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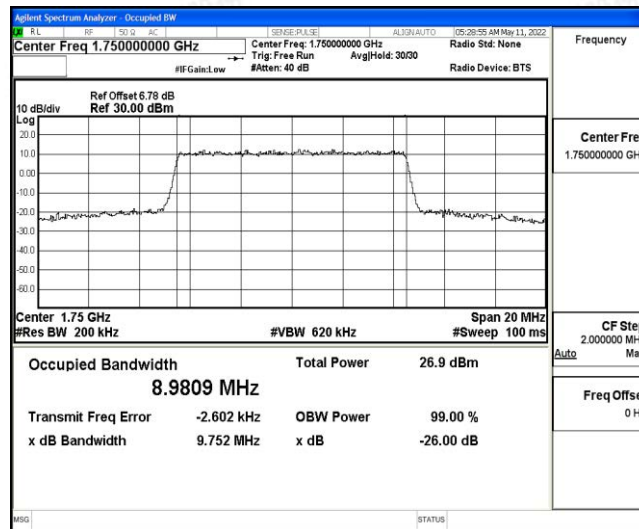


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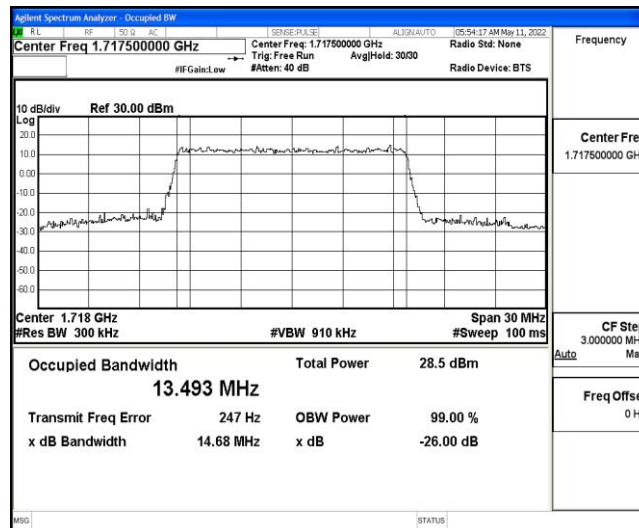


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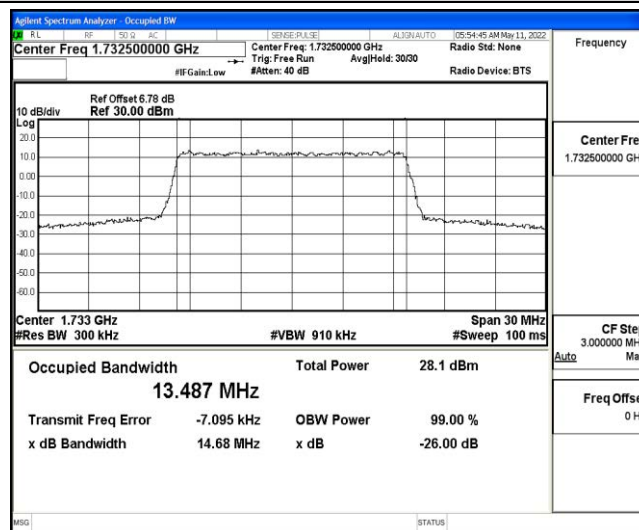




Band4-15MHz-QPSK-20025-75RB#0

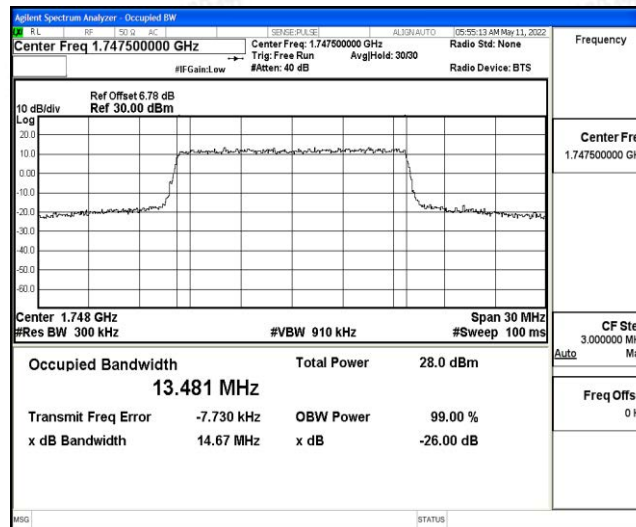


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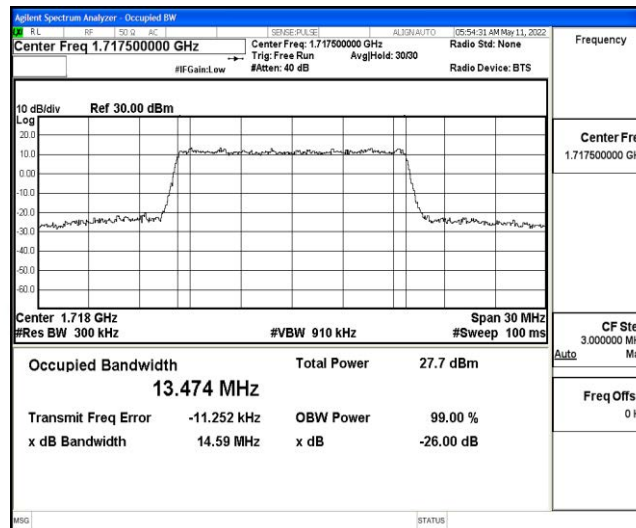


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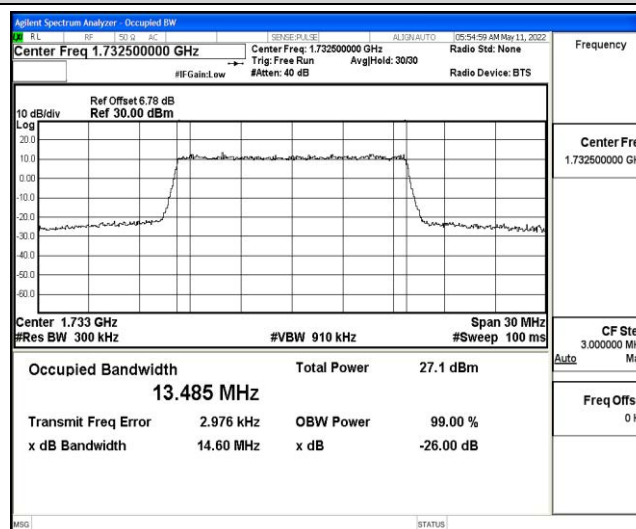




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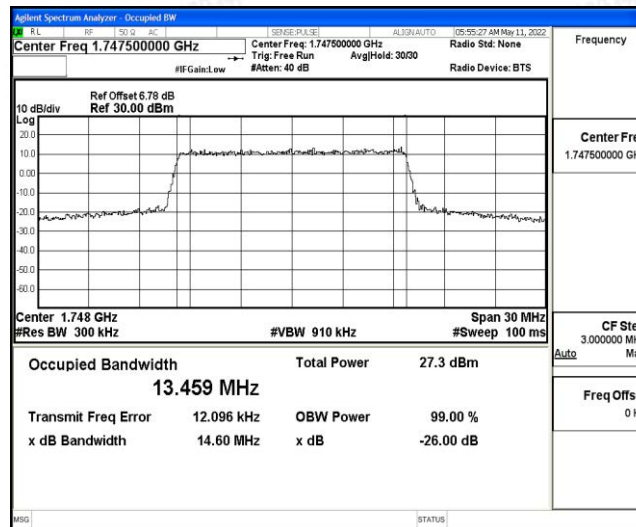


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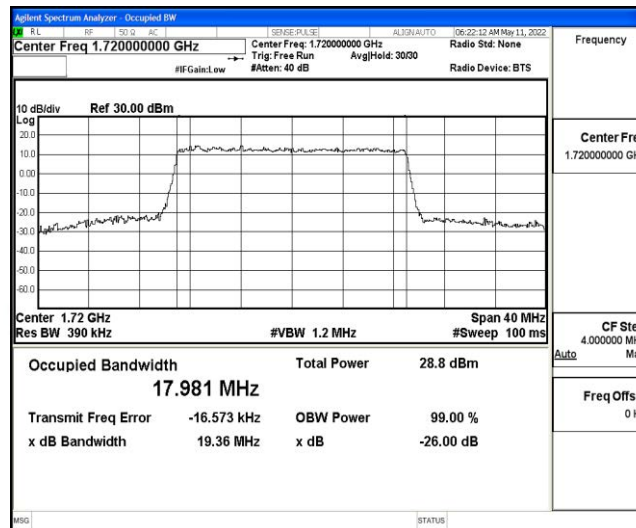


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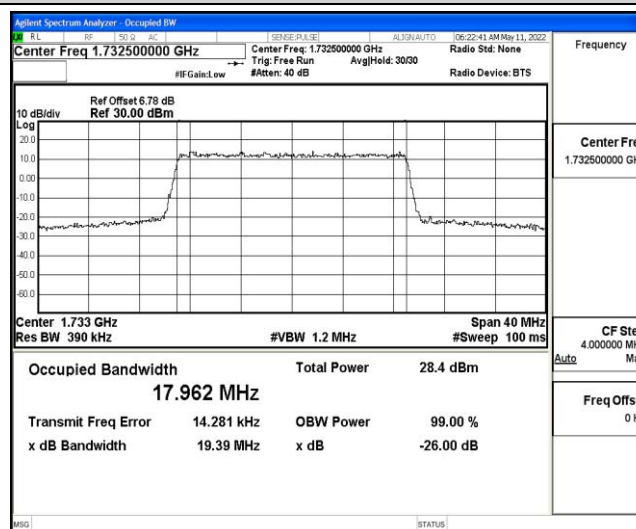




Band4-20MHz-QPSK-20050-100RB#0

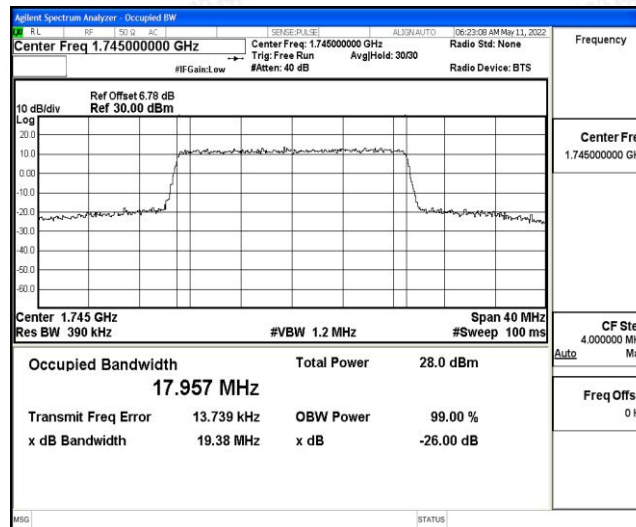


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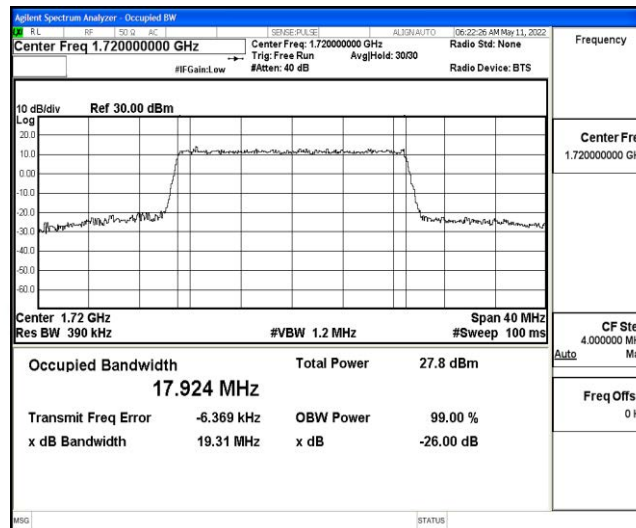


Band4-20MHz-QPSK-20300-100RB#0

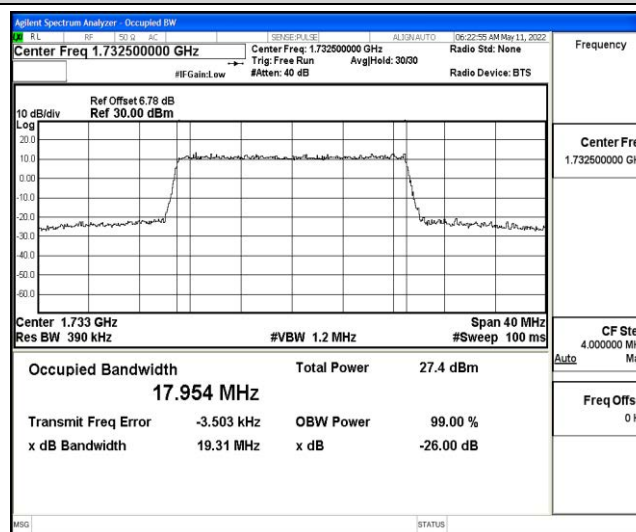




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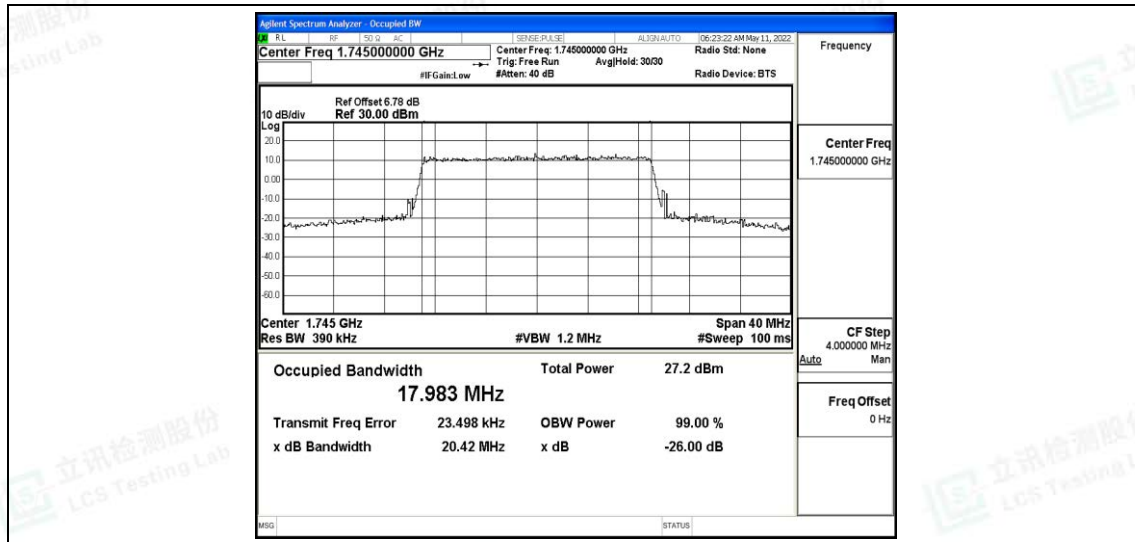


Band4-20MHz-16QAM-20175-100RB#0



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







E.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-30.17	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.87	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.33	PASS
Band4	3MHz	QPSK	19965	15RB#0	-31.04	PASS
Band4	3MHz	QPSK	20385	15RB#0	-29.88	PASS
Band4	3MHz	16QAM	19965	15RB#0	-32.08	PASS
Band4	3MHz	16QAM	20385	15RB#0	-31.12	PASS
Band4	5MHz	QPSK	19975	25RB#0	-29.59	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.85	PASS
Band4	5MHz	16QAM	19975	25RB#0	-30.45	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	-27.63	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.76	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.20	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.17	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.31	PASS
Band4	15MHz	16QAM	20325	75RB#0	-28.66	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.13	PASS
Band4	20MHz	QPSK	20300	100RB#0	-28.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	-30.88	PASS

