



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smart phone

Test Model: Smooth 6.0

Environmental Conditions

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





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	21.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.42	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.44	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.53	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.53	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.54	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.57	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.43	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.55	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.55	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.69	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.74	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.83	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.54	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.54	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.52	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.14	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.18	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.80	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.79	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.82	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.43	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.60	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	21.64	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.94	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.92	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.93	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.48	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.29	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.29	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.03	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.34	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.47	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.45	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.56	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.01	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.05	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.95	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.12	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.52	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.52	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.52	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.16	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.16	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.10	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.08	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.73	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.80	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.75	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.02	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.03	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.10	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.01	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.97	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.95	PASS





Band4	3MHz	16QAM	19965	1RB#14	20.86	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.22	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.30	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.38	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.17	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.88	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.11	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.08	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.37	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.29	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.31	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.18	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.92	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.87	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.34	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.35	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.31	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.56	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.55	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.49	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.02	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.02	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.07	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.61	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.63	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.62	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.27	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.93	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.15	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.27	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.47	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.53	PASS





Band4	5MHz	QPSK	20375	1RB#24	21.56	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.15	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.16	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.06	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.13	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.87	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.76	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.13	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.22	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.31	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.02	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.89	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.45	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.49	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.45	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.22	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.22	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.21	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.21	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.76	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.71	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.77	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.19	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.17	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.09	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.93	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.51	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.42	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.48	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.08	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.08	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.10	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.03	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.57	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.57	PASS





Band4	10MHz	QPSK	20175	1RB#49	21.63	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.08	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.29	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.13	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.13	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.61	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.63	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.55	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.04	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.05	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.07	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.05	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.36	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.35	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.28	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.16	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.15	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.61	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.10	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.93	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.90	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.92	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.09	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.09	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.16	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.50	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.47	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.50	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.26	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.23	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.27	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.26	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.05	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.70	PASS





Band4	15MHz	QPSK	20025	1RB#74	22.53	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.99	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.76	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.60	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.58	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.62	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.45	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.58	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.90	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.24	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.48	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.24	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.16	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.13	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.45	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.19	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.18	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.01	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.77	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.65	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.93	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.72	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.43	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.66	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.99	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.24	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.57	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.89	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.23	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.45	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.36	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.24	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.22	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.26	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.18	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.18	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.24	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.64	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.61	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.60	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.03	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.03	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.02	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.70	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.68	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.68	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.98	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.12	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.20	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.66	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.56	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.58	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.05	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.05	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.06	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.59	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.52	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.61	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.86	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.22	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.16	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.12	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.94	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.94	PASS





Band4	20MHz	16QAM	20175	1RB#99	20.93	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.24	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.24	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.29	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.45	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.39	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.40	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.15	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.16	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.17	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.26	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	5.37	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.09	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.42	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.14	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.14	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.43	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.16	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.38	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.21	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.01	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.23	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.21	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.17	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.93	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.14	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.51	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.38	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.24	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.12	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.87	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.58	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.61	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.27	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.10	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.13	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.59	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.39	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.33	13	PASS





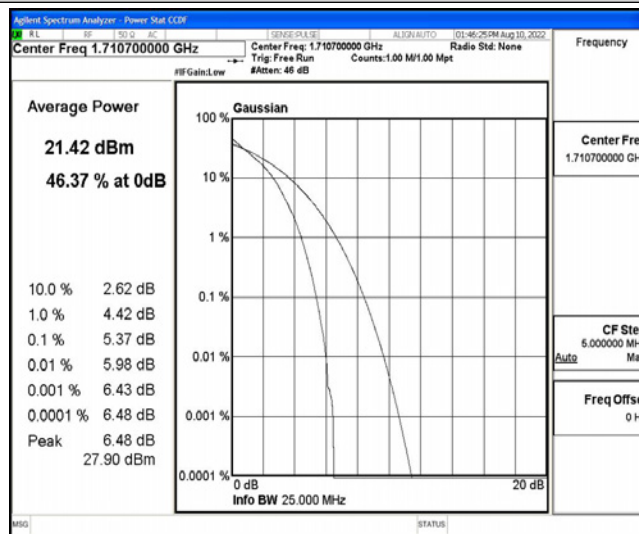
Band4	20MHz	16QAM	20175	100RB#0	6.17	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.12	13	PASS



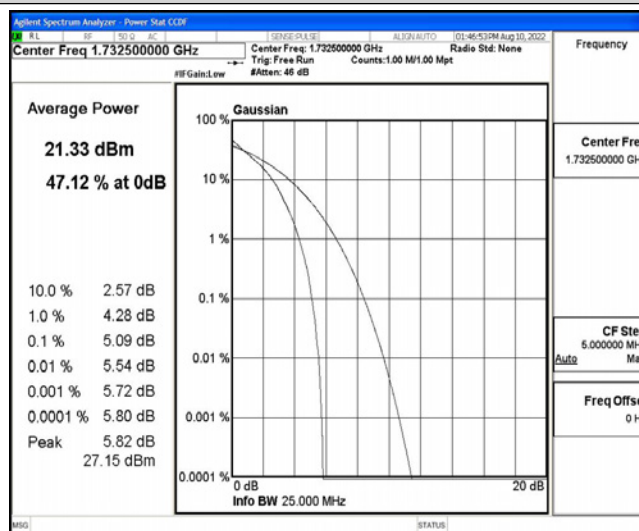


Test Graphs

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

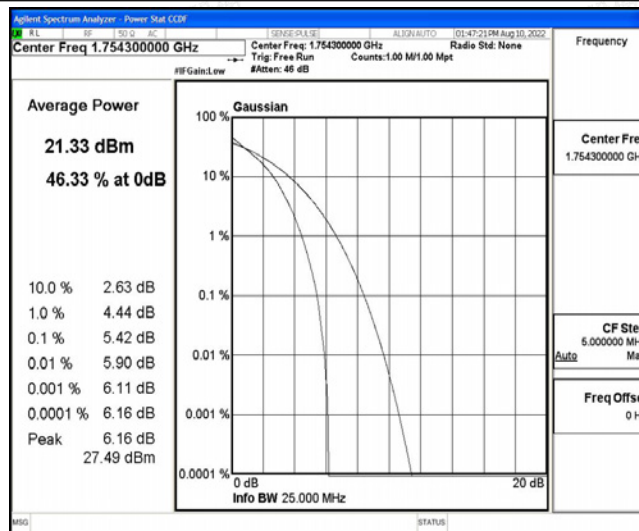


Band4-1.4MHz-QPSK-20175-6RB#0

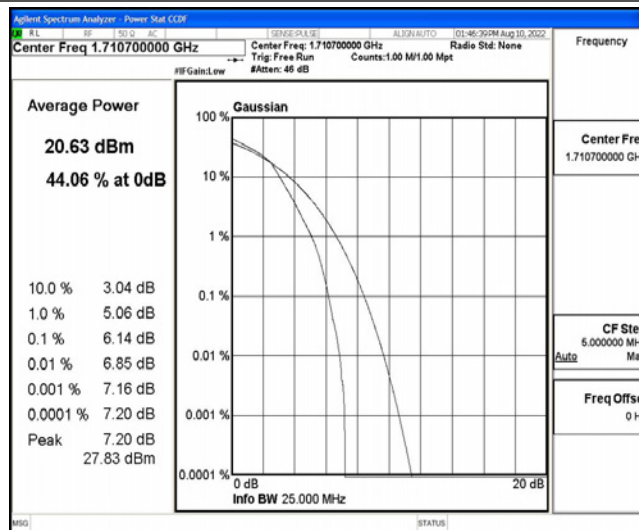


Band4-1.4MHz-QPSK-20393-6RB#0

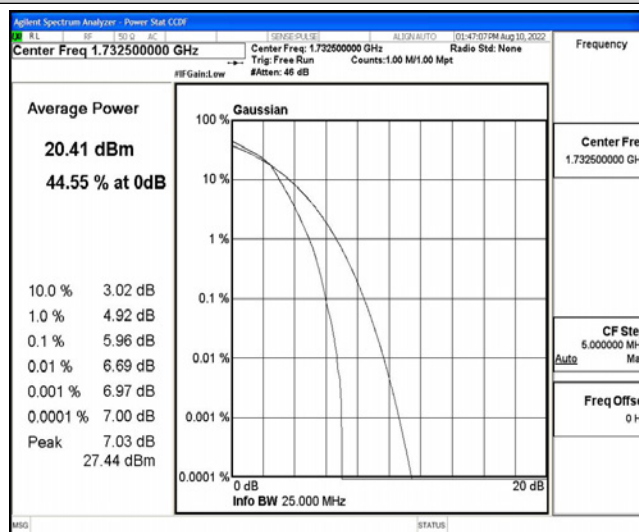




Band4-1.4MHz-16QAM-19957-6RB#0

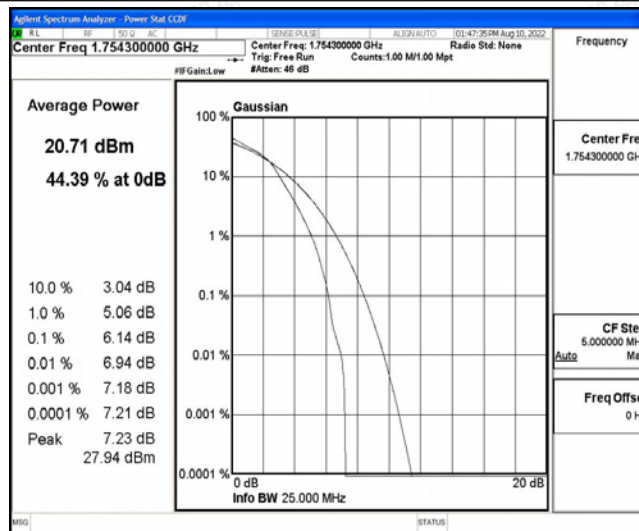


Band4-1.4MHz-16QAM-20175-6RB#0

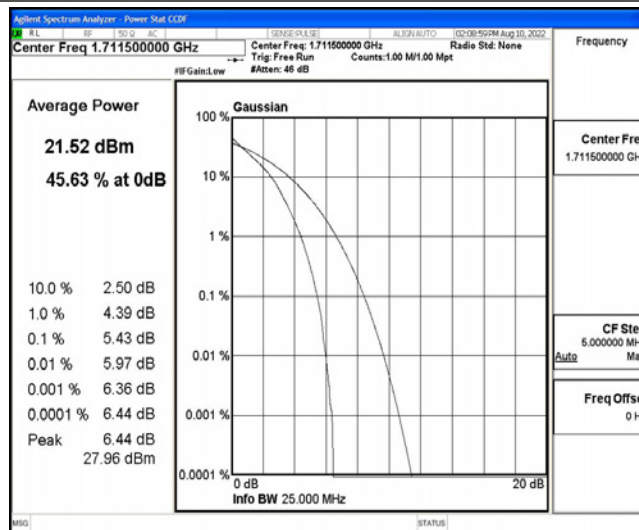


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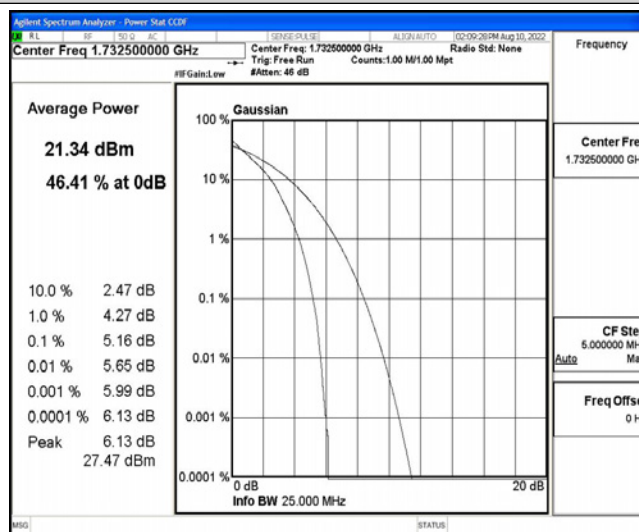




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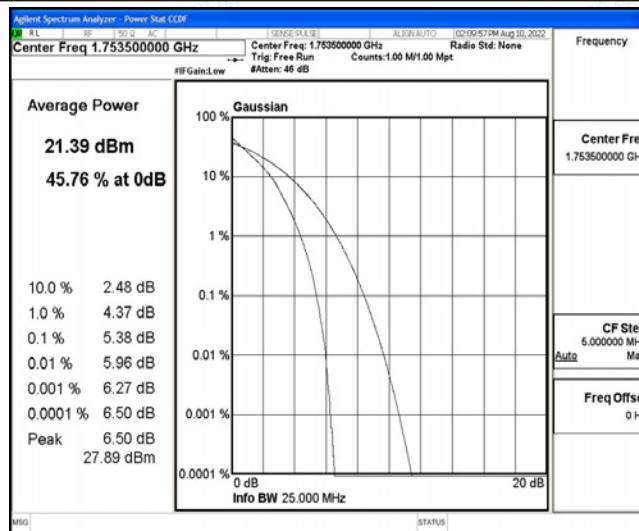


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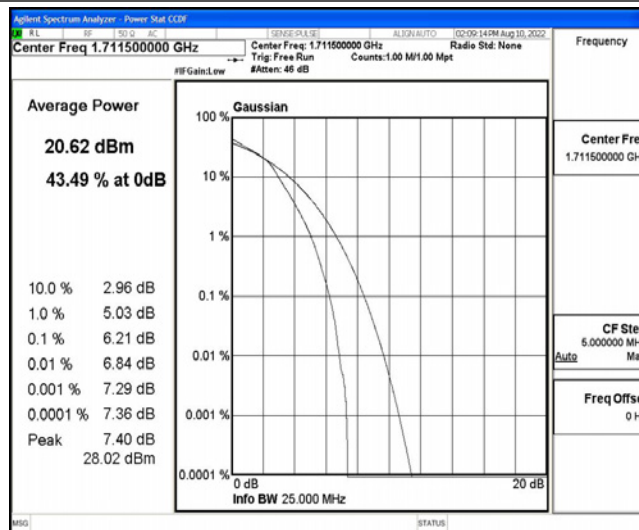


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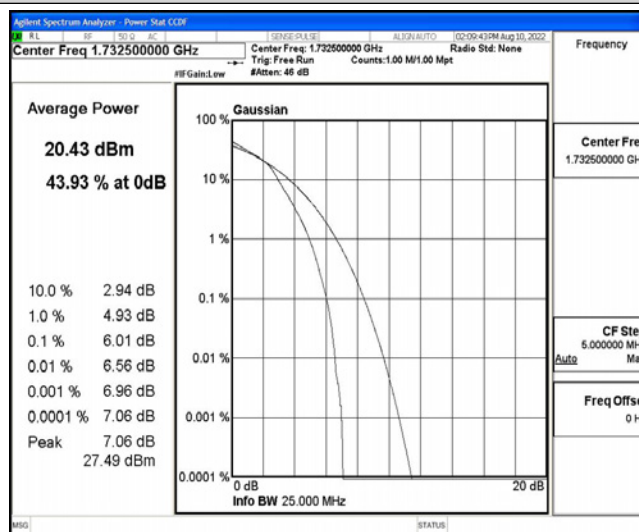




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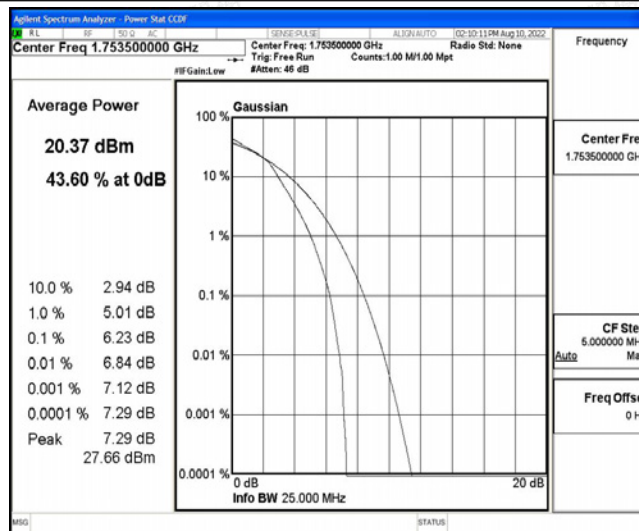


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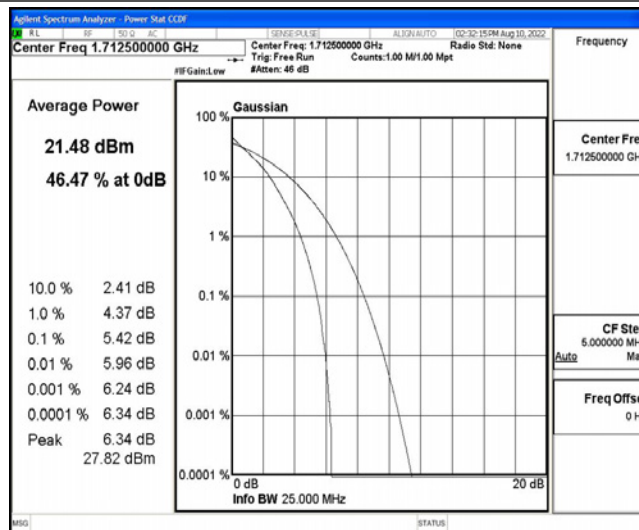


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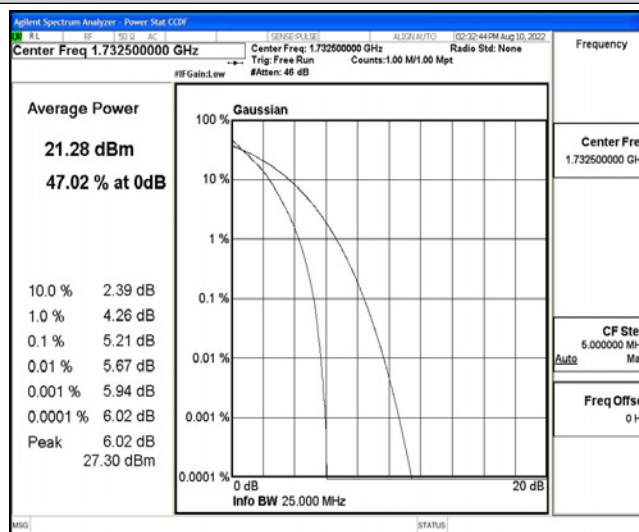




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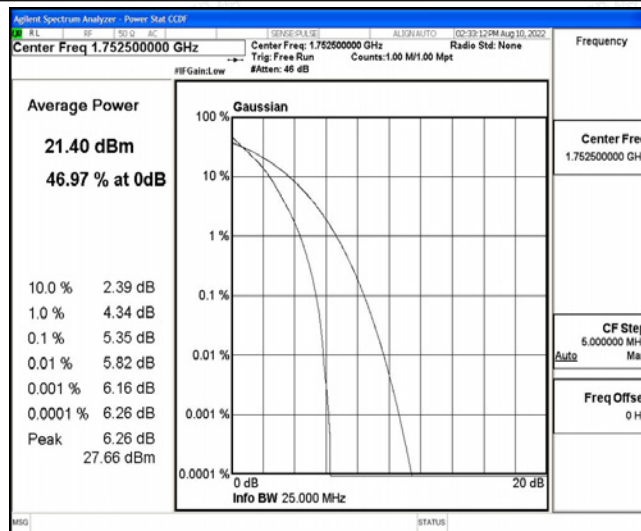


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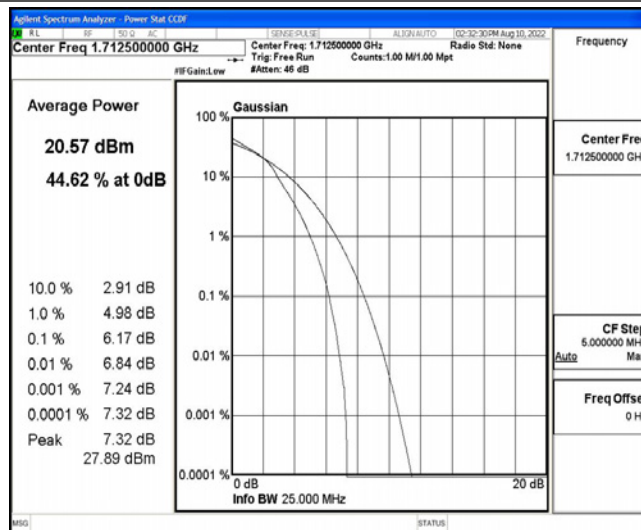


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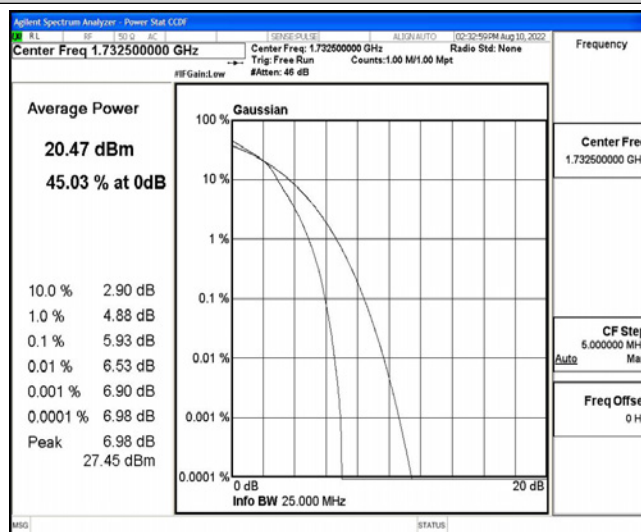




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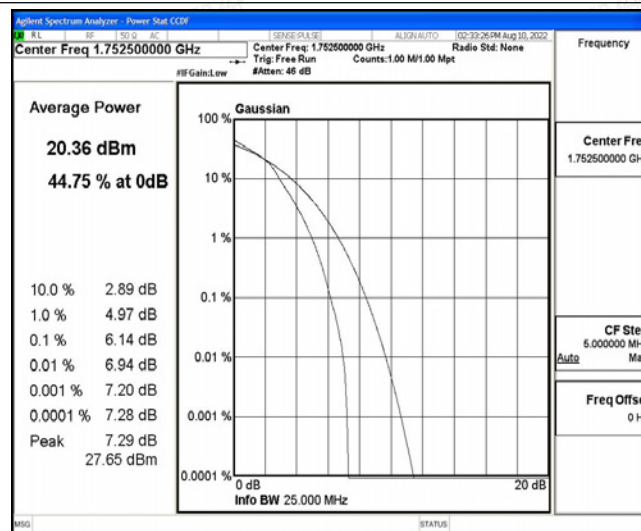


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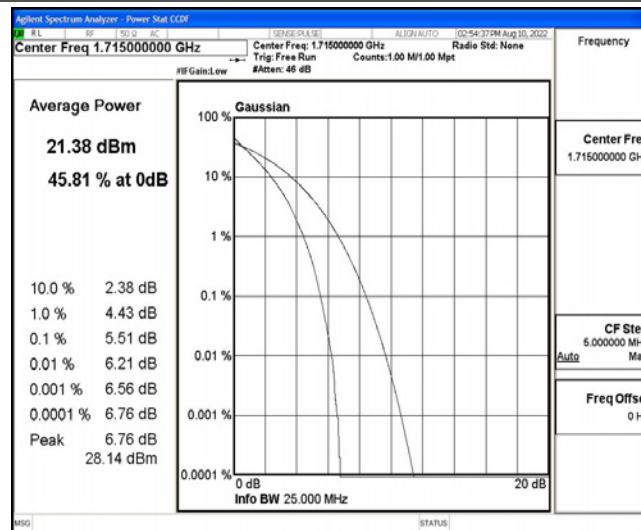


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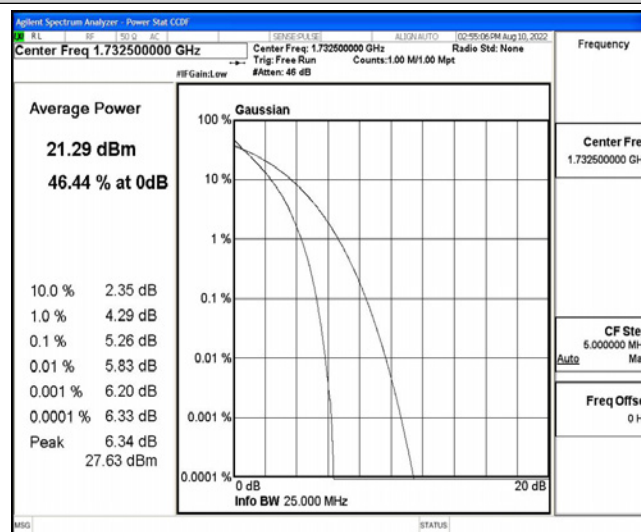




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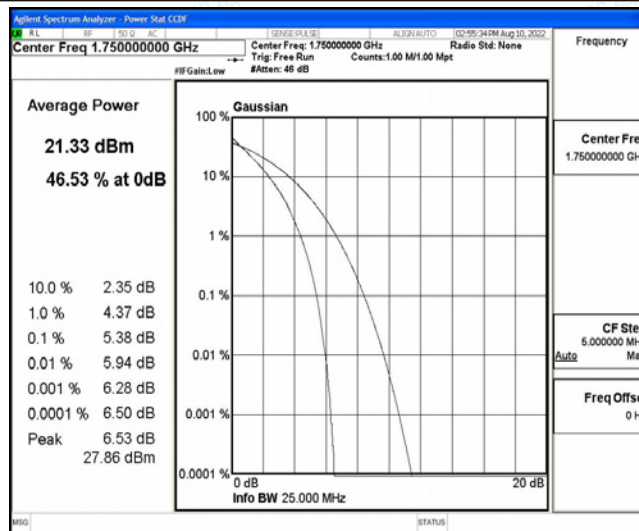


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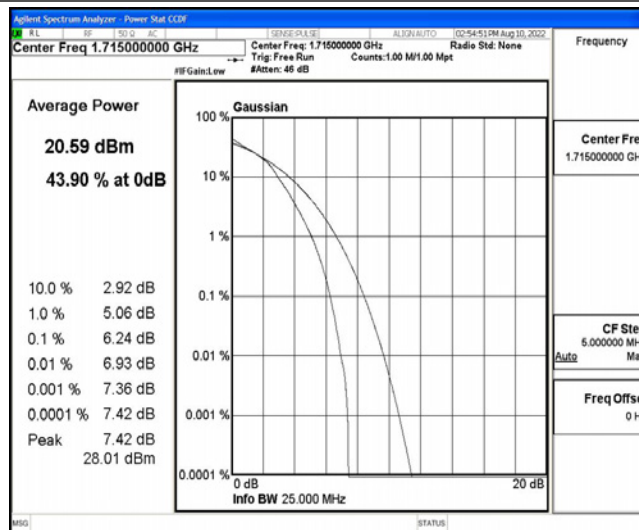


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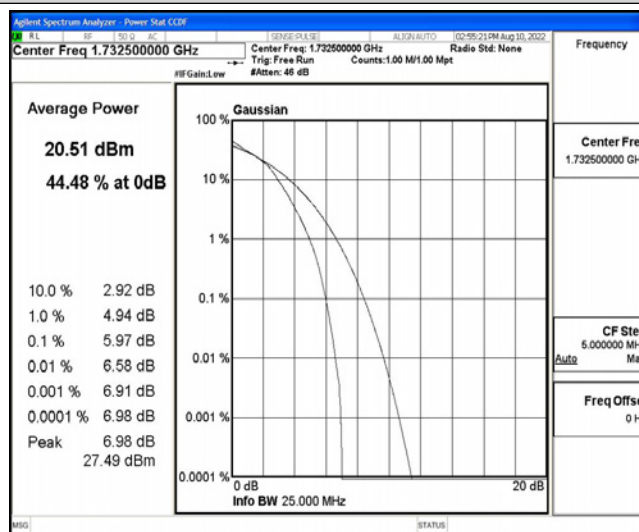




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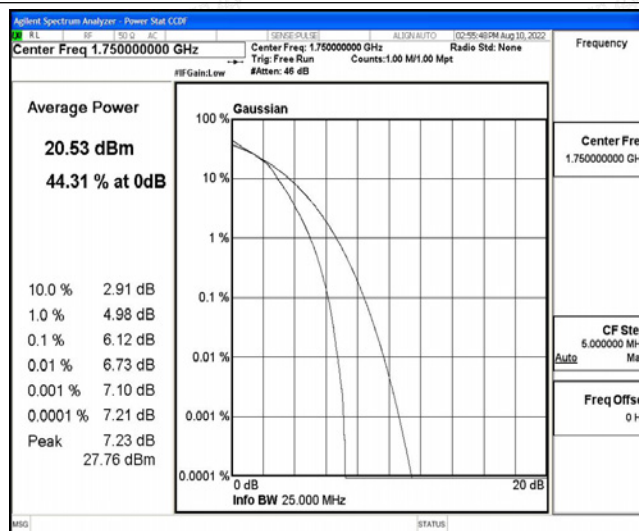


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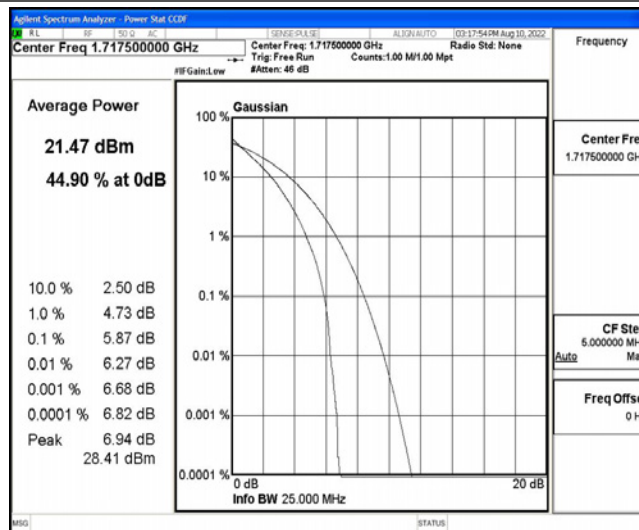


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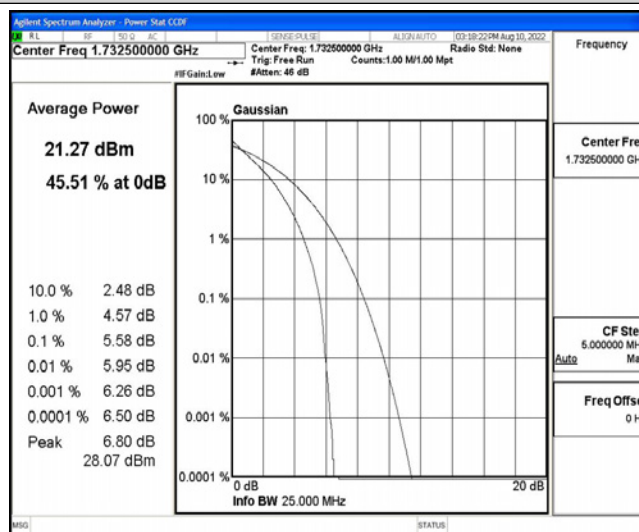




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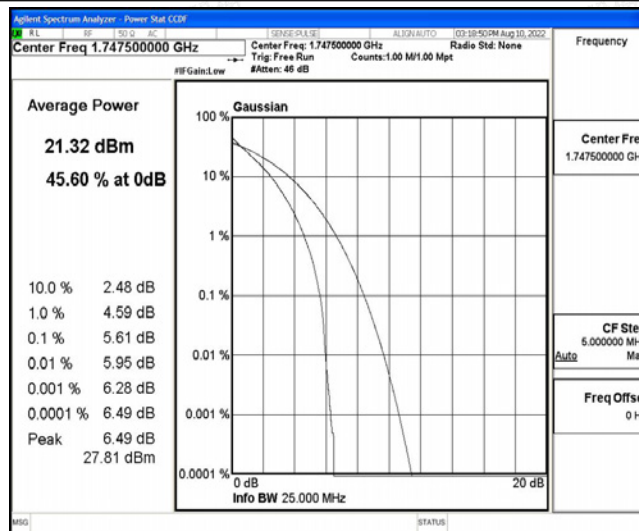


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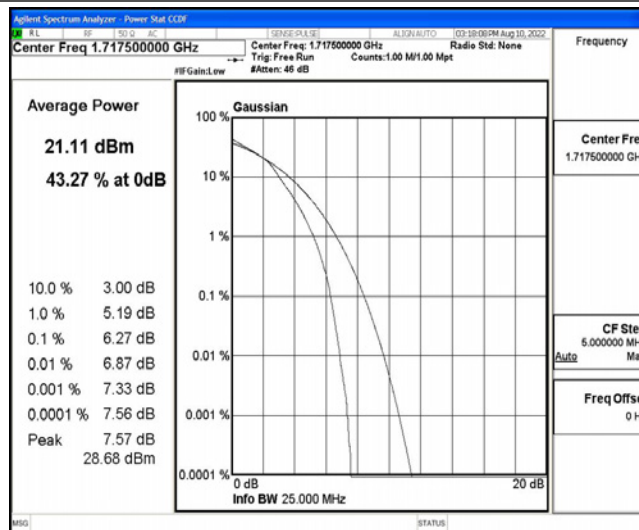


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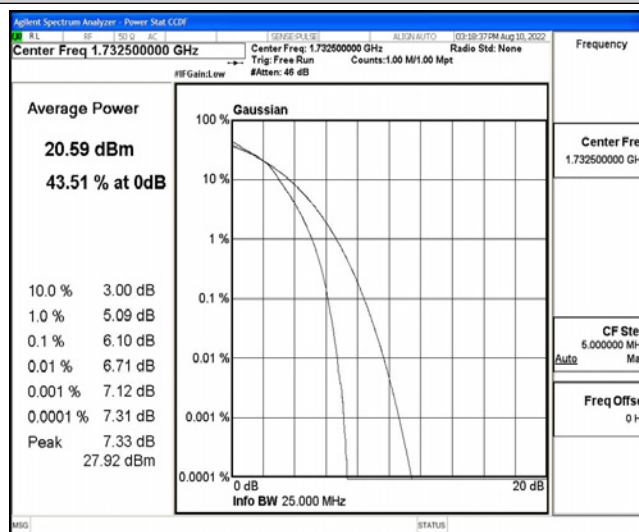




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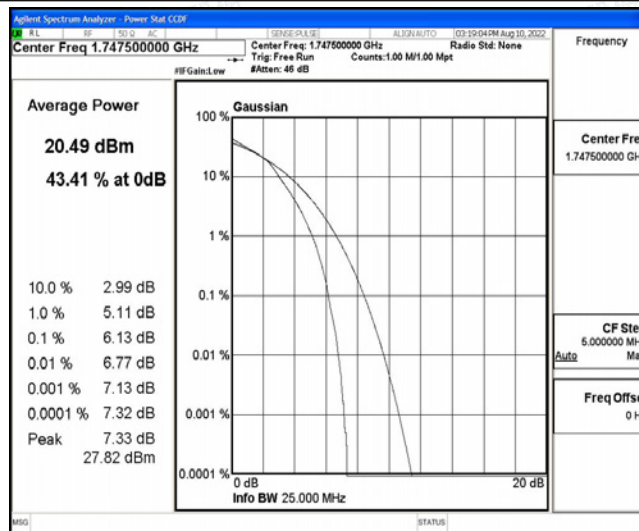


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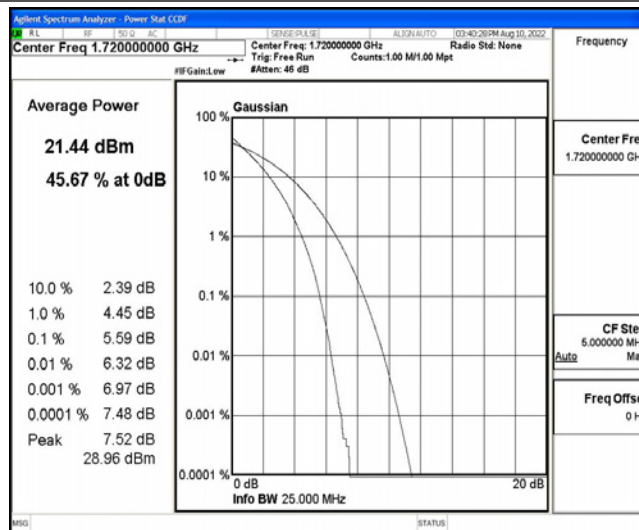


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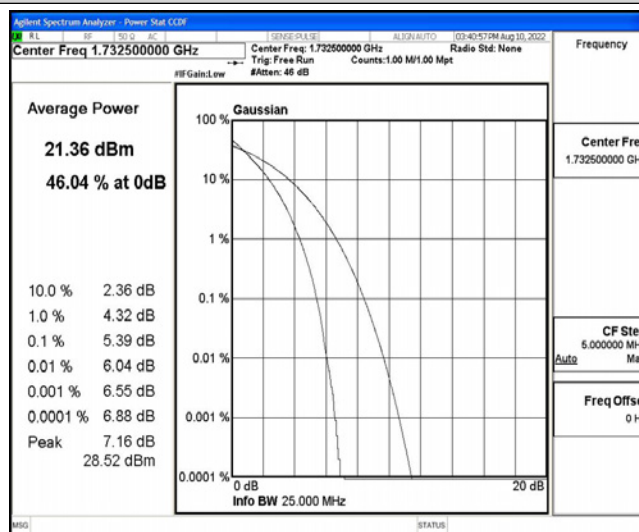




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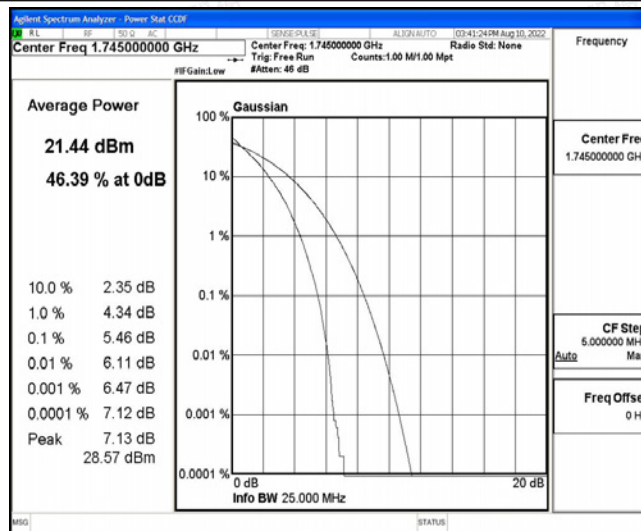


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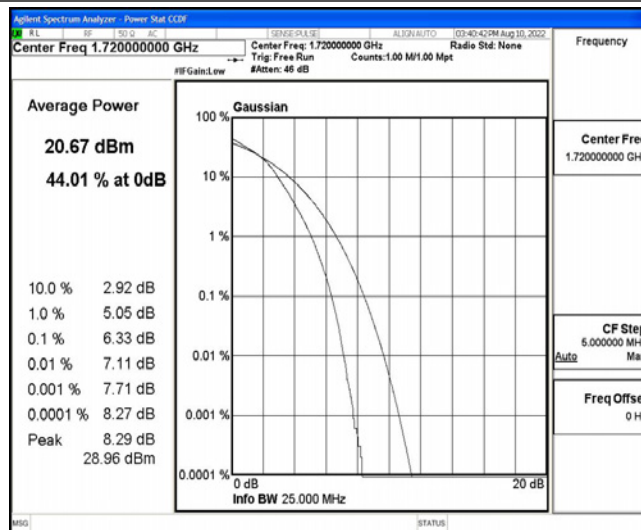


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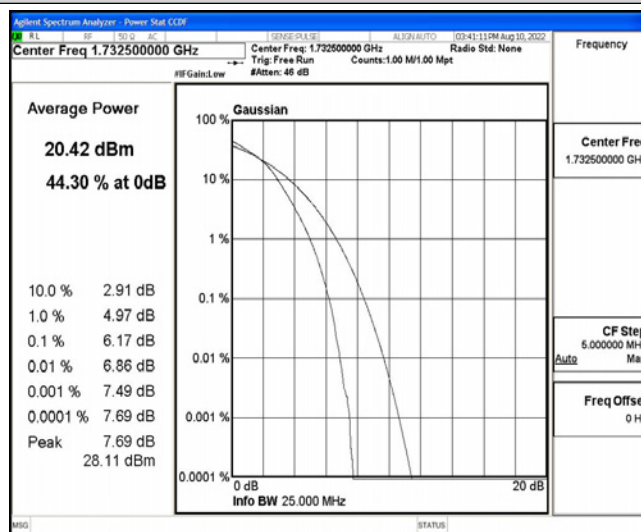




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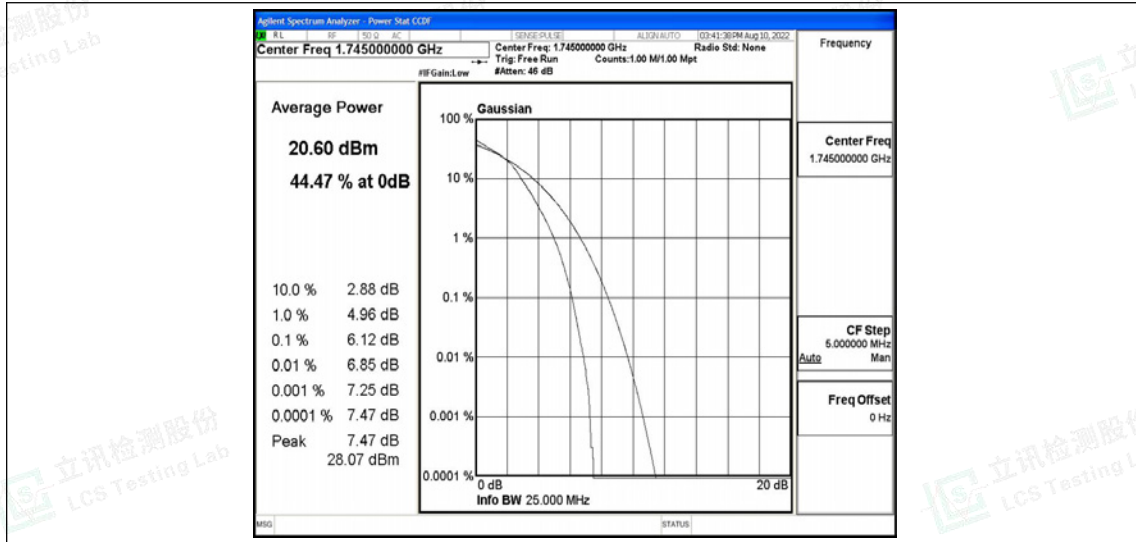


Band4-20MHz-16QAM-20175-100RB#0



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	1.0919	1.238	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0924	1.240	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0937	1.236	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1036	1.250	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1002	1.245	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0953	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7125	3.031	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6974	3.013	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6992	3.020	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6965	3.035	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6987	3.023	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7000	3.019	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5085	4.973	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5194	4.956	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4999	4.975	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4986	4.951	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5007	4.958	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5036	4.982	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0013	9.891	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9707	9.891	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9847	9.936	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9812	9.875	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9962	9.926	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0166	9.906	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.507	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.482	14.92	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.455	14.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.496	14.97	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.516	14.86	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.460	14.69	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.995	19.72	PASS





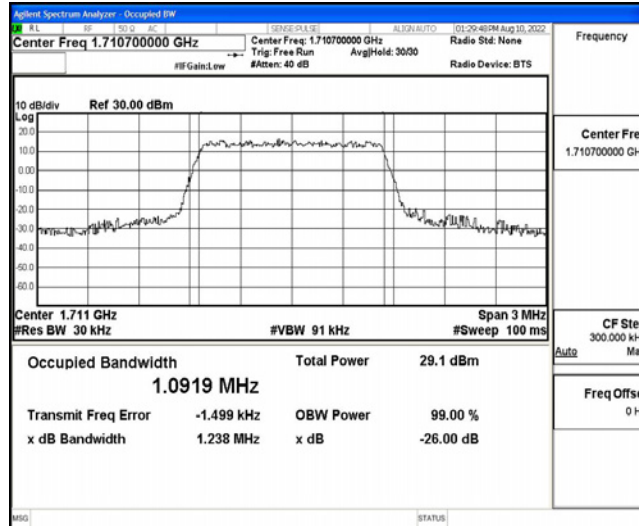
Band4	20MHz	QPSK	20175	100RB#0	17.953	19.62	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.026	19.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.975	19.65	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.948	19.59	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.970	19.50	PASS



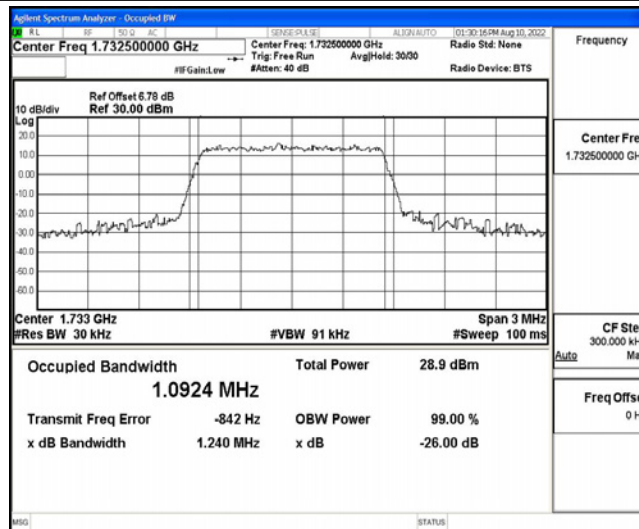


Test Graphs

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

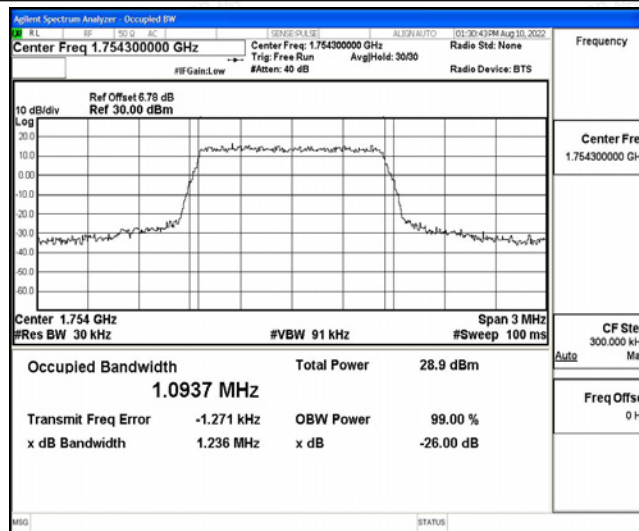


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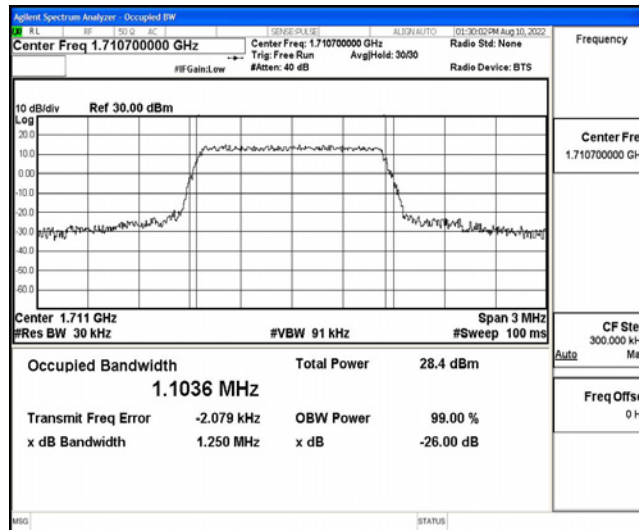


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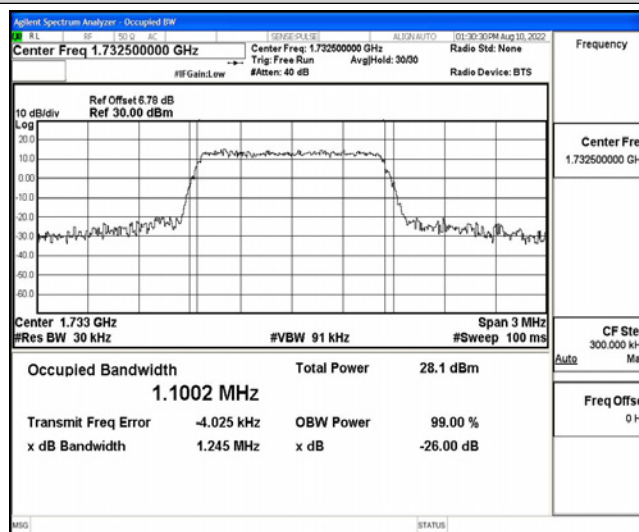




Band4-1.4MHz-16QAM-19957-6RB#0

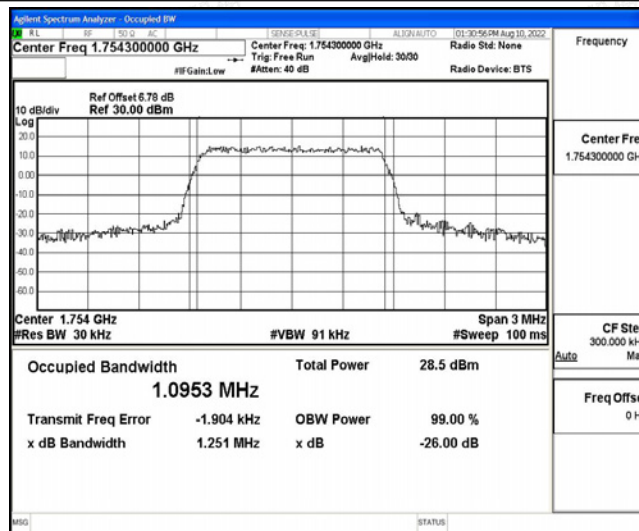


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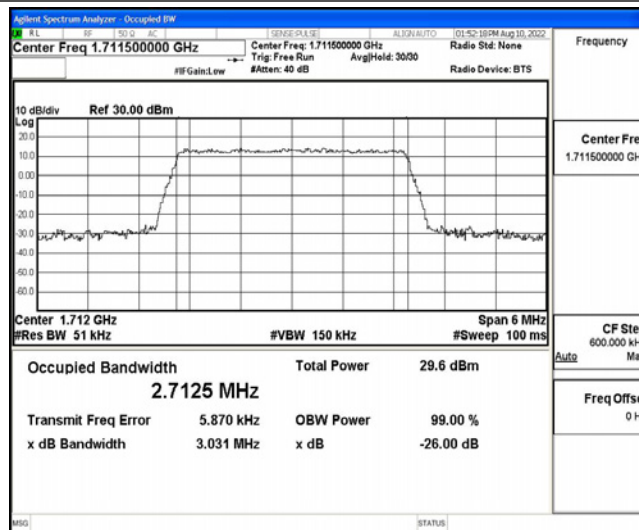


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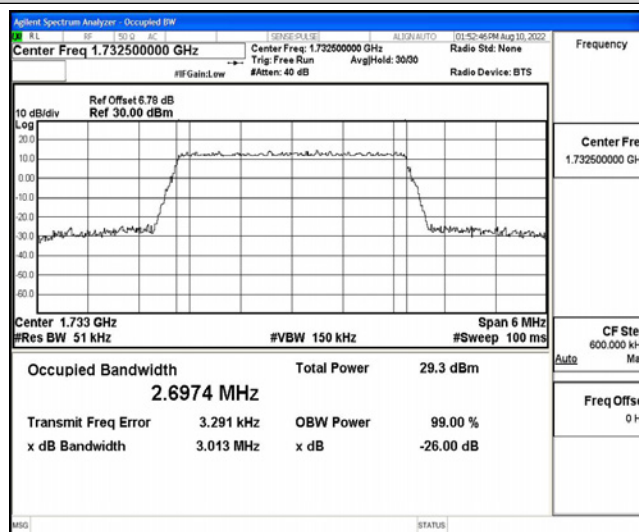




Band4-3MHz-QPSK-19965-15RB#0

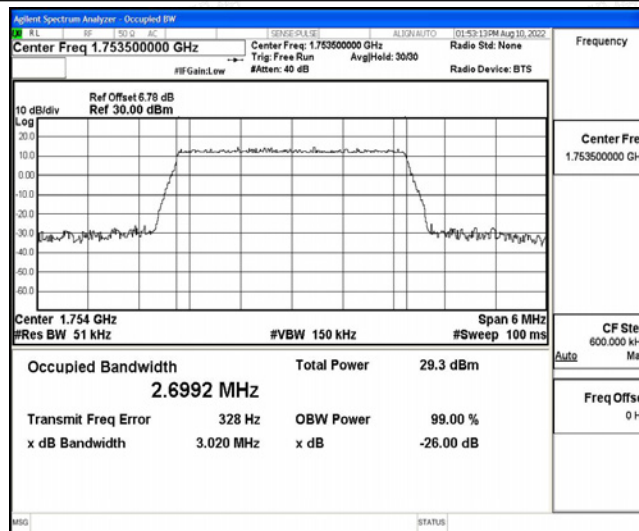


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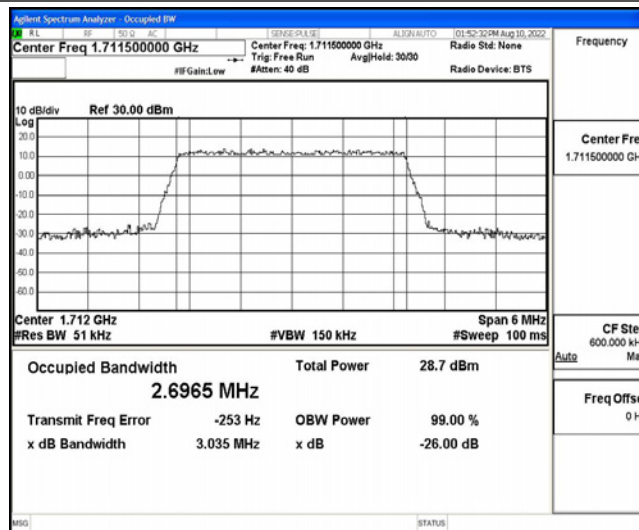


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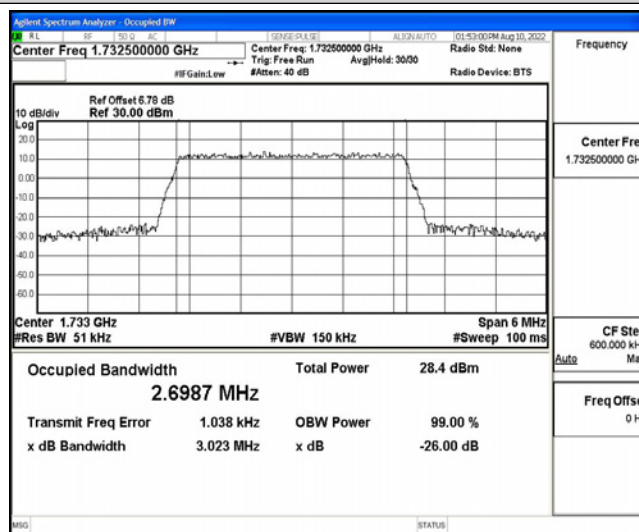




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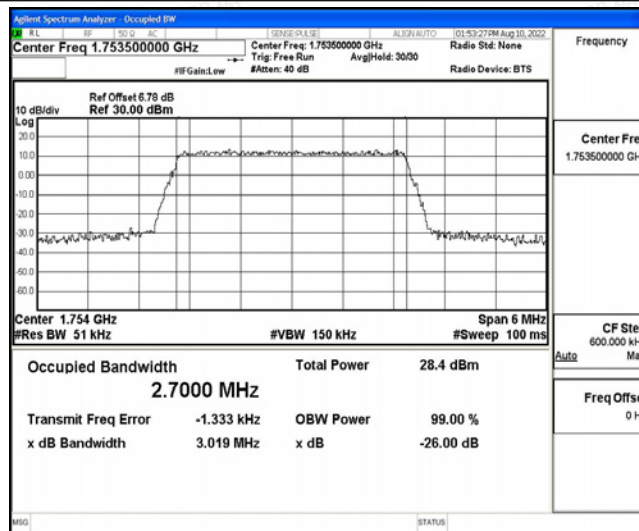


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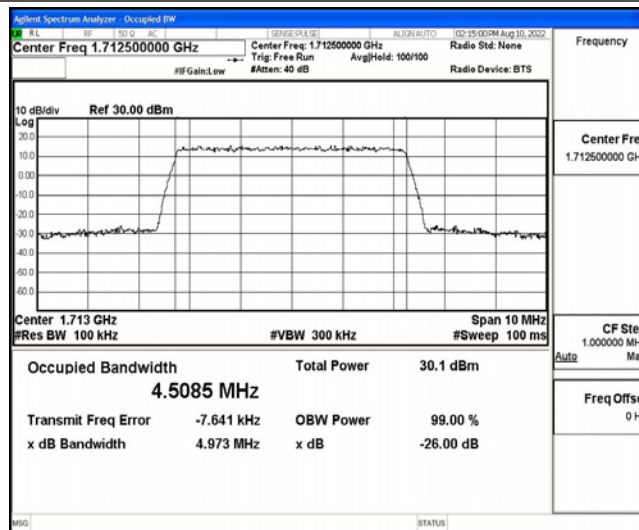


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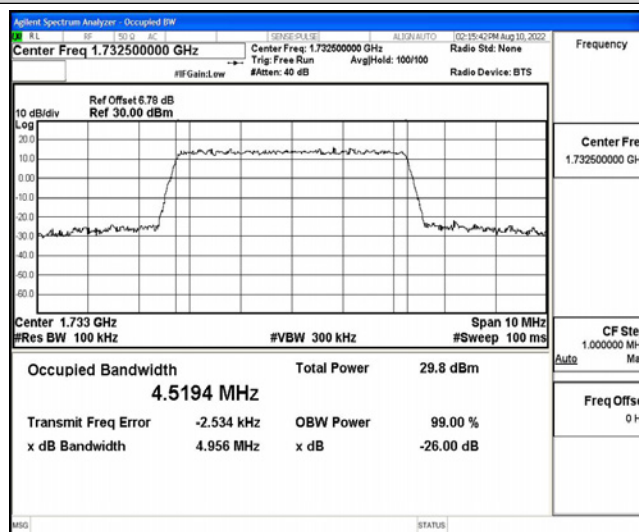




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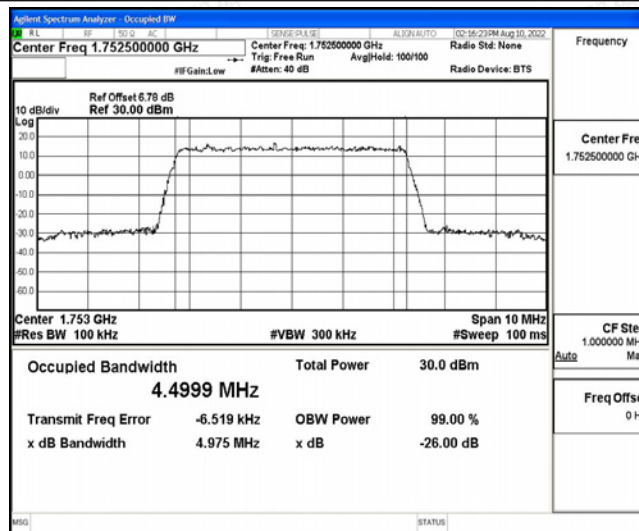


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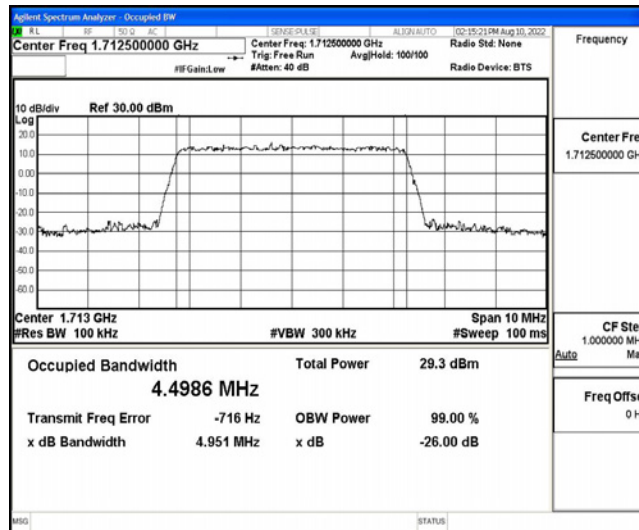


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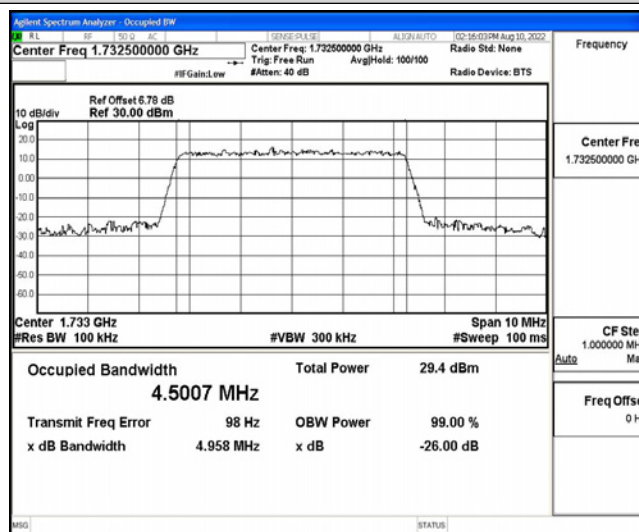




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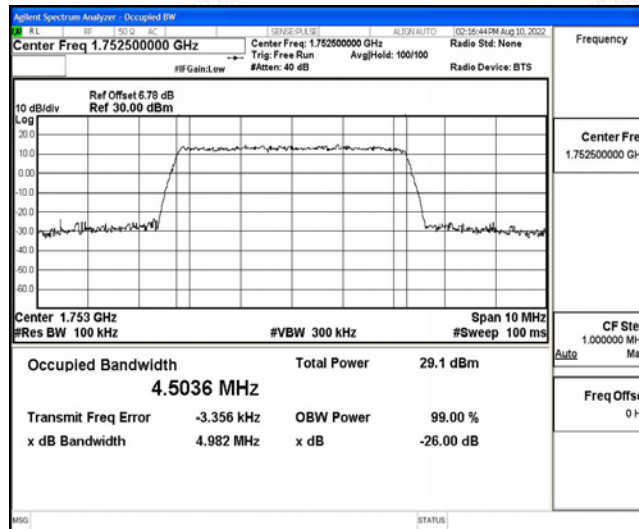


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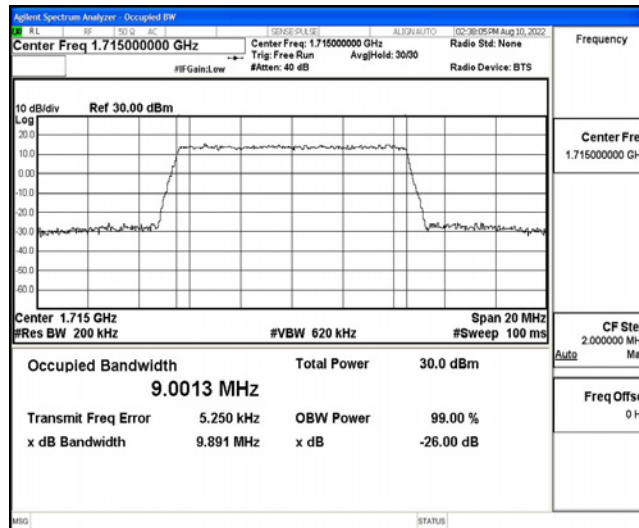


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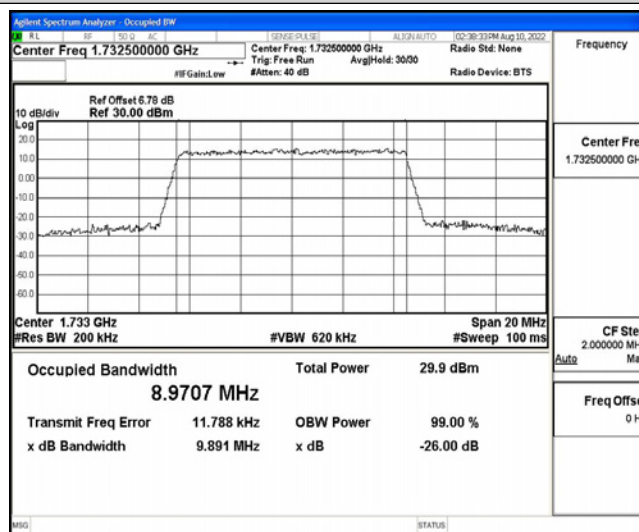




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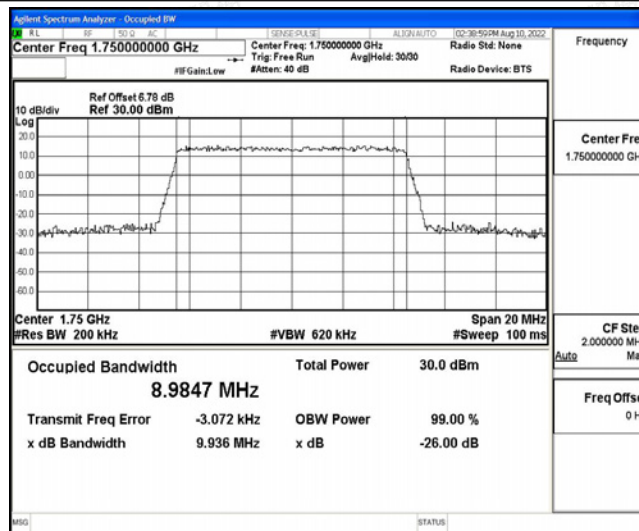


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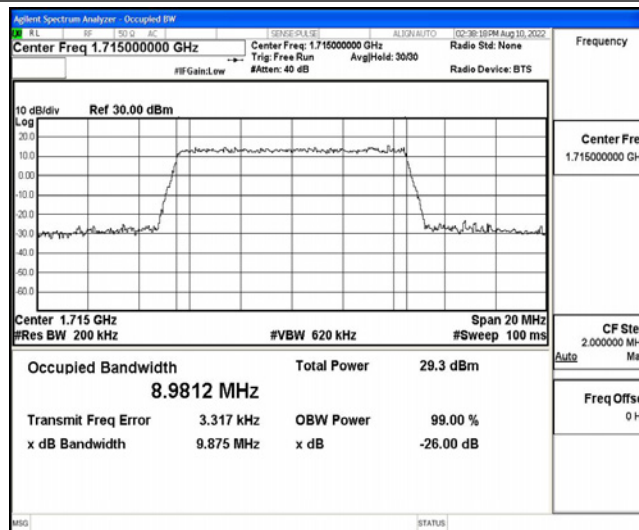


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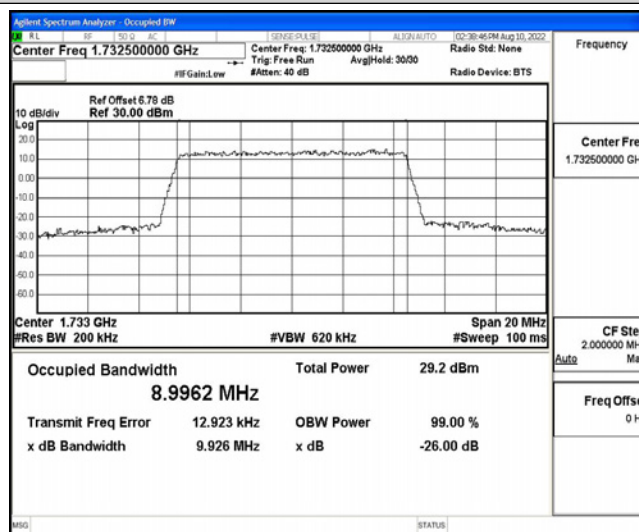




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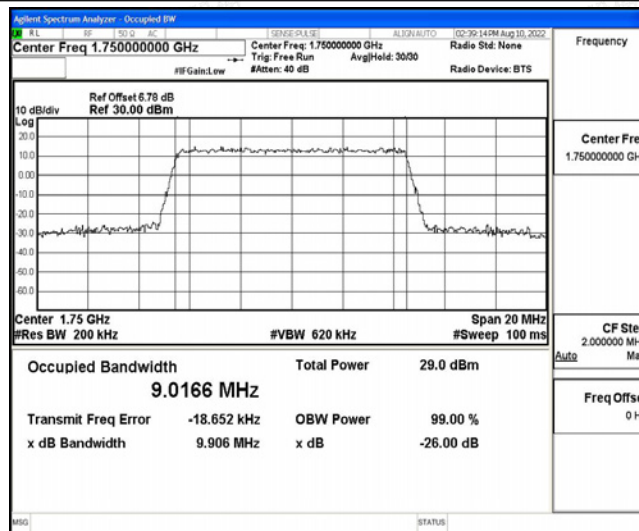


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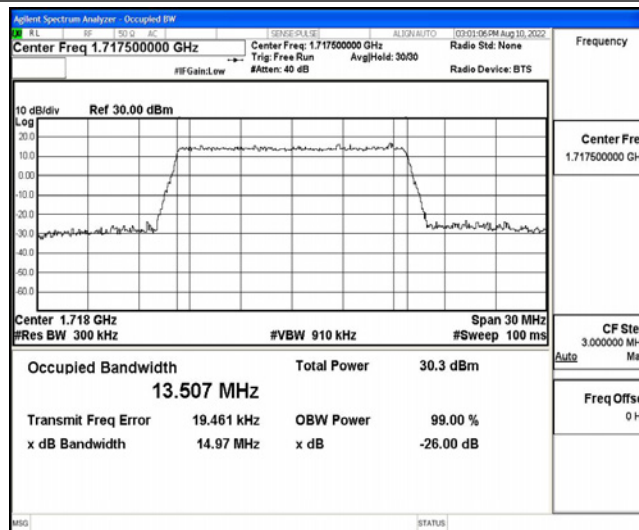


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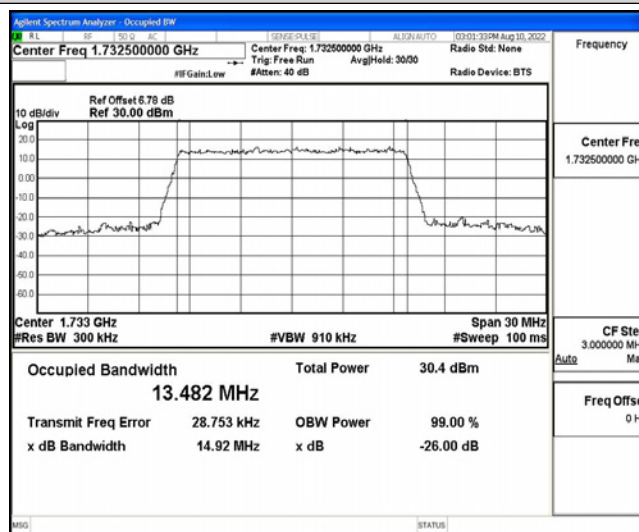




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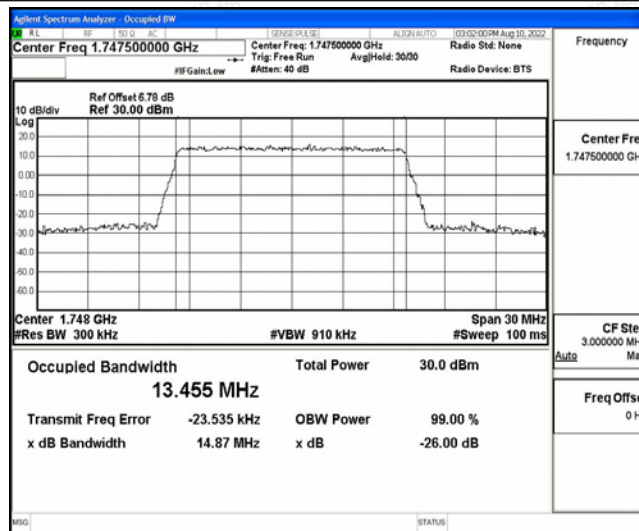


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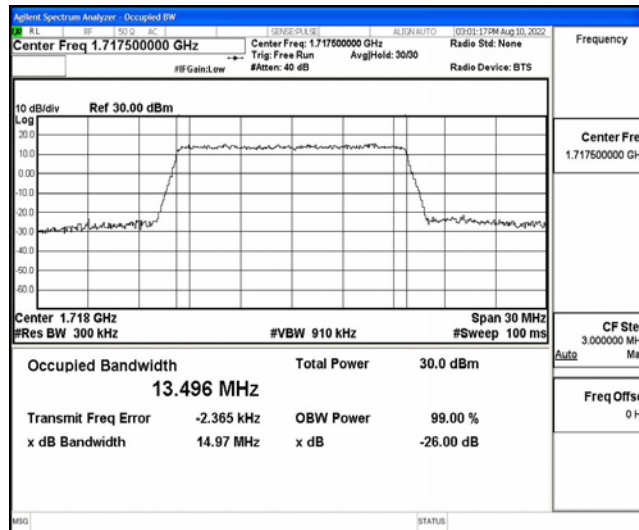


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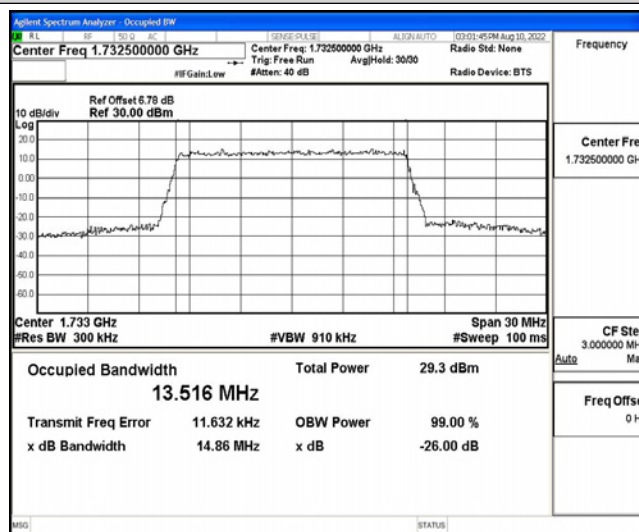




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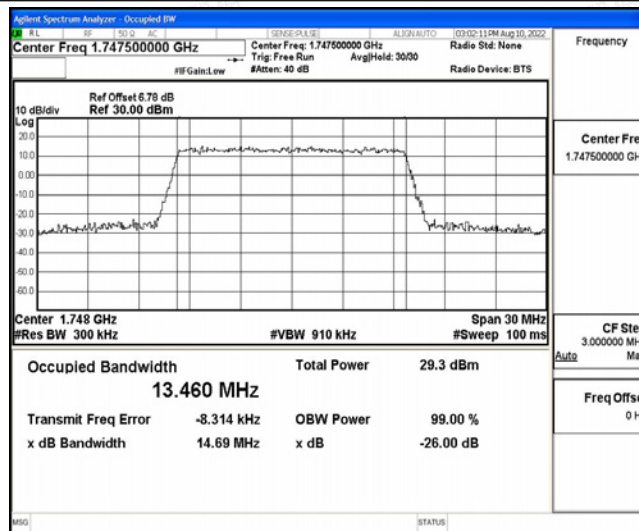


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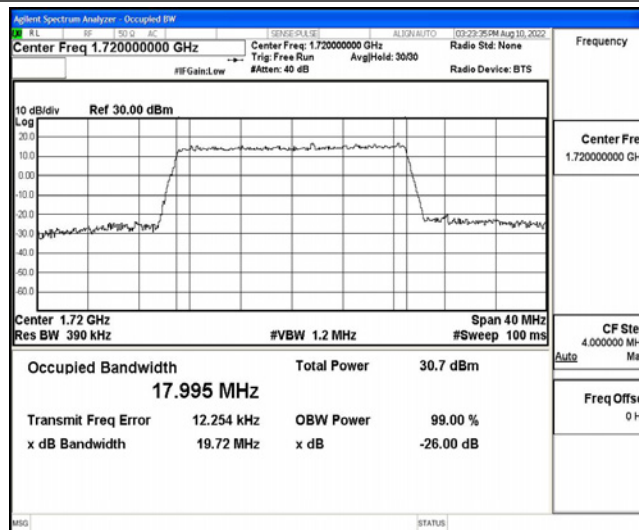


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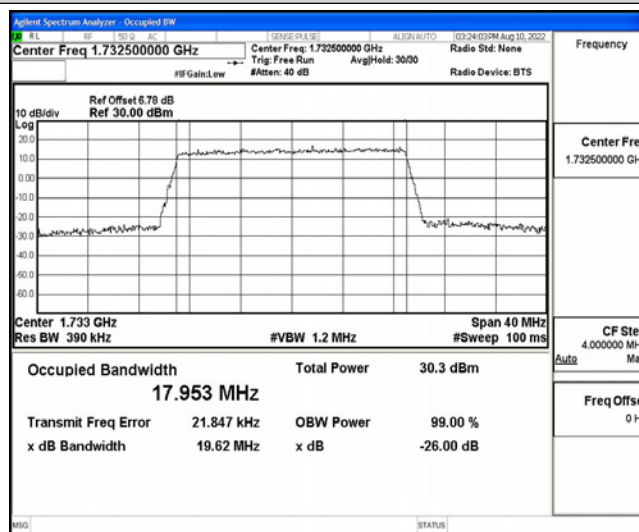




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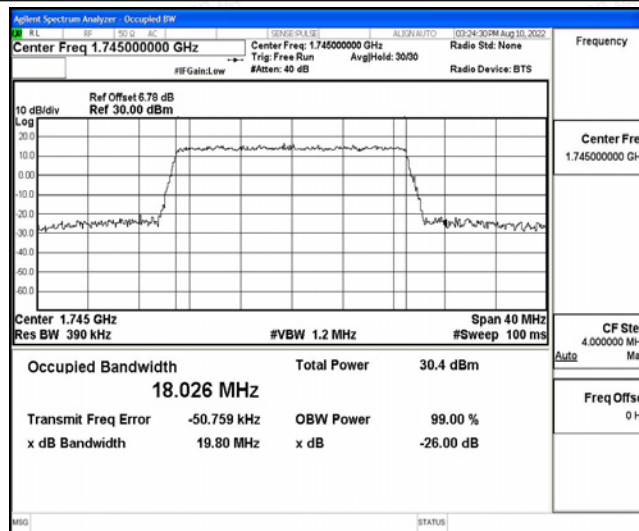


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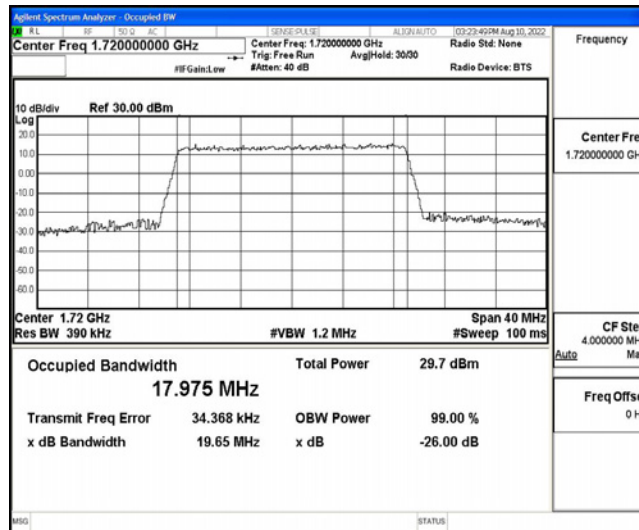


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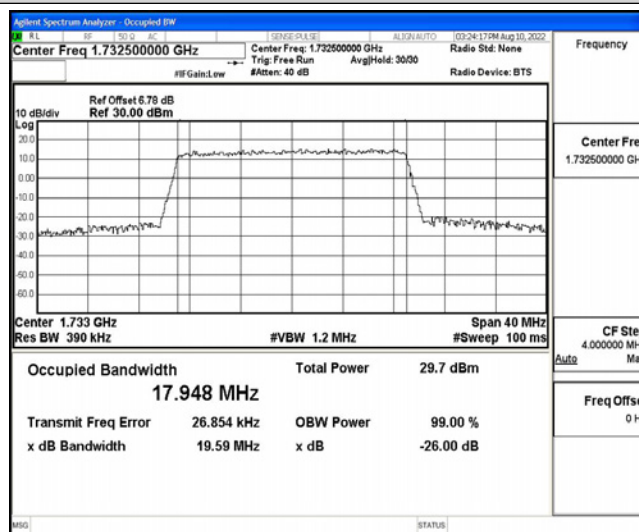




Band4-20MHz-16QAM-20050-100RB#0

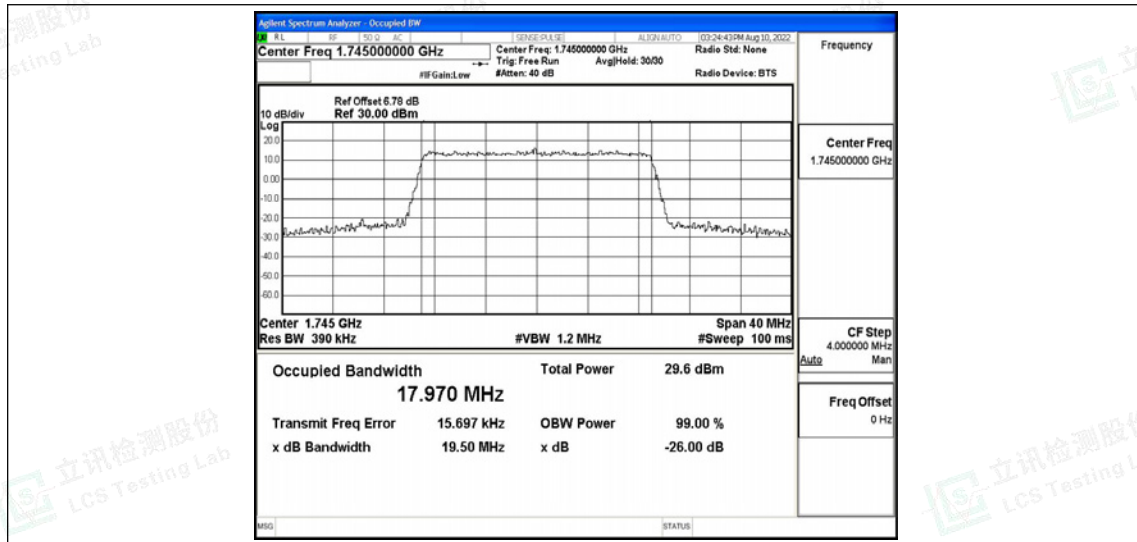


Band4-20MHz-16QAM-20175-100RB#0



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







E.4 Band Edge

Test Result

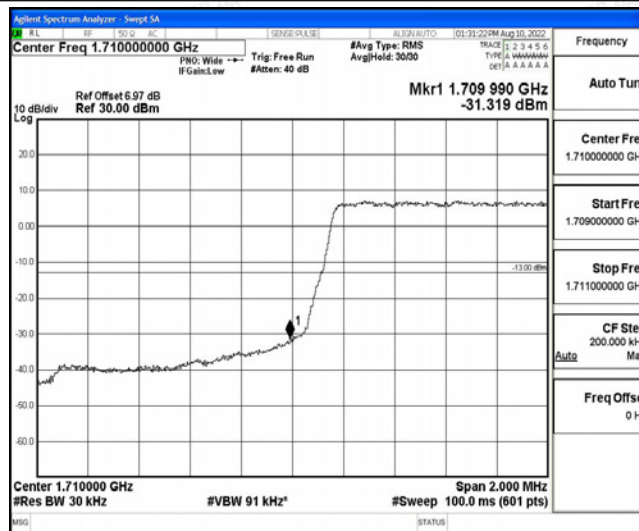
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-31.32	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-33.20	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.46	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.72	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.86	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.32	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.53	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.49	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.71	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.92	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.97	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.17	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.52	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.37	PASS
Band4	10MHz	16QAM	20000	50RB#0	-32.13	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.74	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.31	PASS
Band4	15MHz	16QAM	20325	75RB#0	-32.62	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.88	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	-34.30	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.02	PASS

Test Graphs

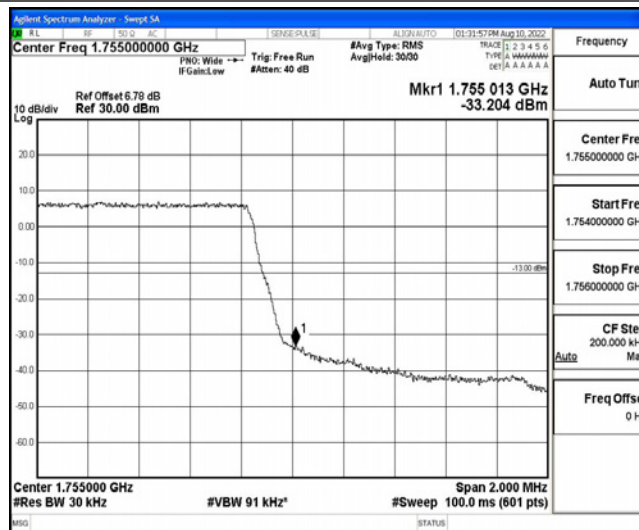
Band4-1.4MHz-QPSK-19957-6RB#0



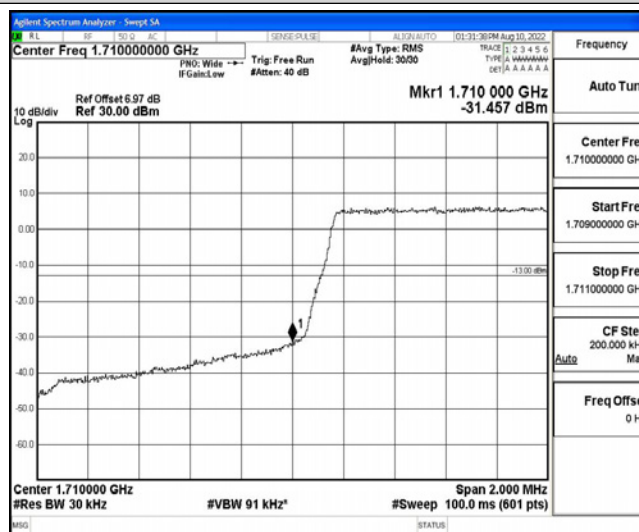
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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

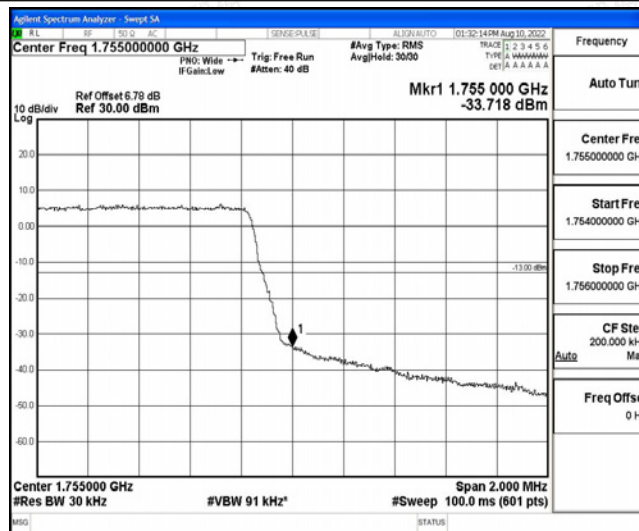


Band4-1.4MHz-16QAM-19957-6RB#0

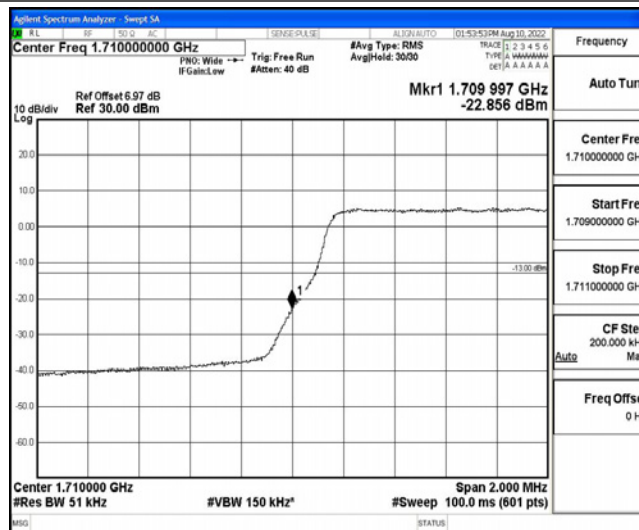


Band4-1.4MHz-16QAM-20393-6RB#0

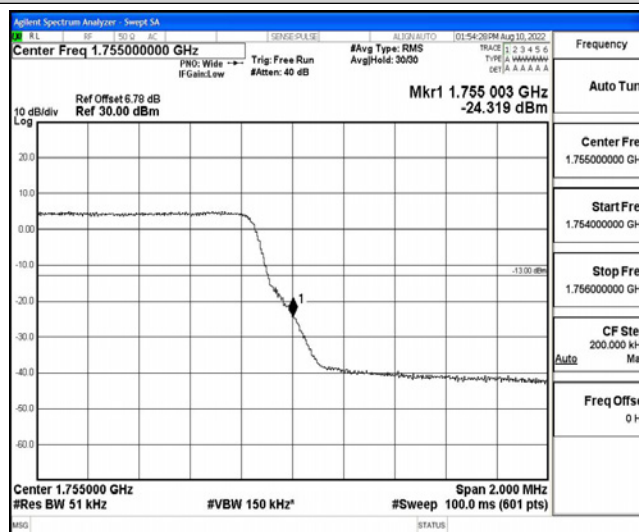




Band4-3MHz-QPSK-19965-15RB#0

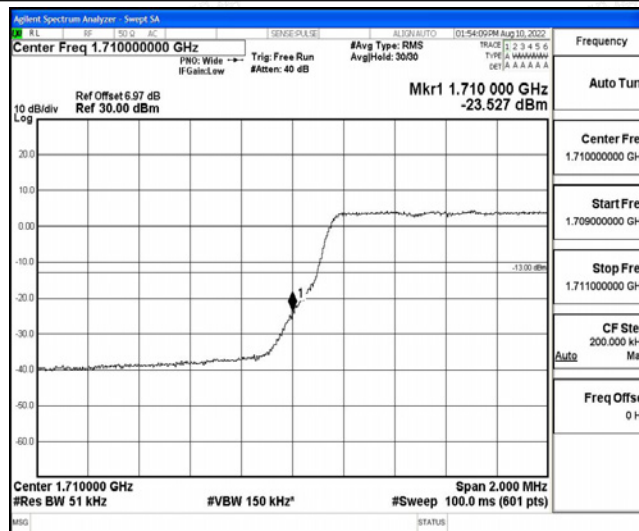


Band4-3MHz-QPSK-20385-15RB#0

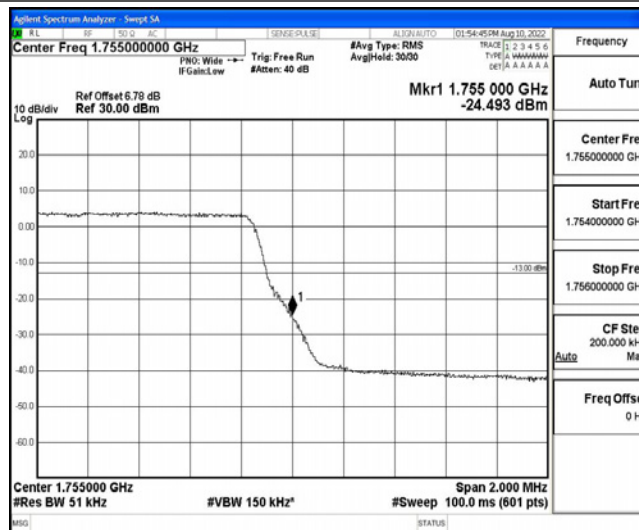


Band4-3MHz-16QAM-19965-15RB#0

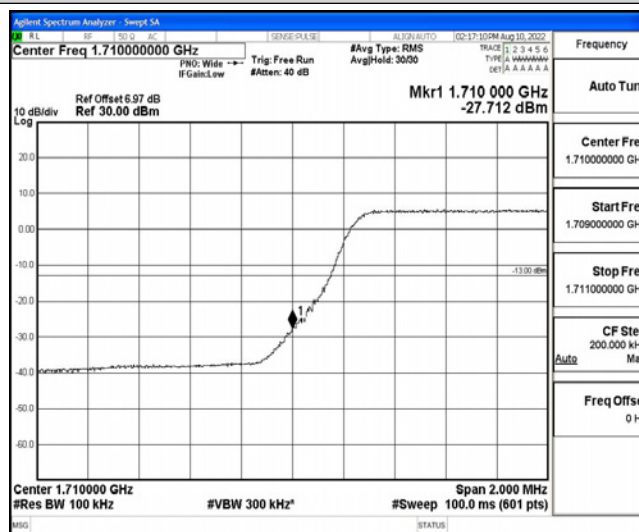




Band4-3MHz-16QAM-20385-15RB#0



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



Band4-5MHz-QPSK-20375-25RB#0

