



Appendix G: Test Data for E-UTRA Band 4

Product Name: NFC Android Reader

Test Model: FX335

Environmental Conditions

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



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Scan code to check authenticity



G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.42	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.42	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.43	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.15	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.43	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.41	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.64	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.57	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.51	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.97	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.87	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	22.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.34	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.33	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.59	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.54	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.56	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.48	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.49	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.45	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.93	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.25	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.29	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.27	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.63	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.59	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.56	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.19	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.16	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.11	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.37	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.37	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.39	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.44	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.44	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.44	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.62	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.56	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.62	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.65	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.57	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.74	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.74	PASS





Band4	3MHz	16QAM	19965	1RB#14	21.68	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.01	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.02	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.97	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.92	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.51	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.57	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.56	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.82	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.82	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.83	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.80	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.56	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.49	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.85	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.99	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.98	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.02	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.83	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.41	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.33	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.32	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.60	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.61	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.65	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.57	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.25	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.23	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.21	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.41	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.43	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.42	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.43	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.13	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.15	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.17	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.64	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.66	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.71	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.63	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.20	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.12	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.93	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.91	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.92	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.99	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.02	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.04	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.94	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.74	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.74	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.74	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.87	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.87	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.87	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.86	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.94	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.79	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.76	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.72	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.24	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.20	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.55	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.57	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.58	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.23	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.07	PASS





Band4	10MHz	QPSK	20175	1RB#49	22.06	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.40	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.43	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.56	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.32	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.41	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.53	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.57	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.58	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.68	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.56	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.81	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.79	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.73	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.88	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.88	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.87	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.90	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.71	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.54	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.77	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.76	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.76	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.76	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.59	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.64	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.73	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.90	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.91	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.92	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.87	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.35	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.26	PASS





Band4	15MHz	QPSK	20025	1RB#74	22.13	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.54	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.55	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.54	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.54	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.18	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.16	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.07	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.55	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.36	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.47	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.47	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.20	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.36	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.57	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.57	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.50	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.81	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.76	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.61	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.55	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.55	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.54	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.83	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.77	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.64	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.59	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.37	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.48	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.47	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.78	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.68	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.70	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.78	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.57	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.57	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.58	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.77	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.69	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.34	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.55	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.59	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.54	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.52	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.41	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.54	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.48	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.51	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.25	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.28	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.46	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.42	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.53	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.65	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.52	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.55	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.01	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.94	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.62	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.40	PASS





Band4	20MHz	16QAM	20175	1RB#99	21.49	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.89	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.88	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.89	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.01	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.91	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.06	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.82	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.83	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.94	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.92	PASS





G.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	5.39	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.48	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.55	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.09	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.18	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.50	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.60	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.46	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.28	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.40	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.26	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.23	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.82	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	3.96	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.88	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.48	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.68	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.40	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	3.87	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.02	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.27	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	4.59	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.85	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.86	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.34	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.32	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.35	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.88	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.86	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.51	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.51	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.47	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.03	13	PASS



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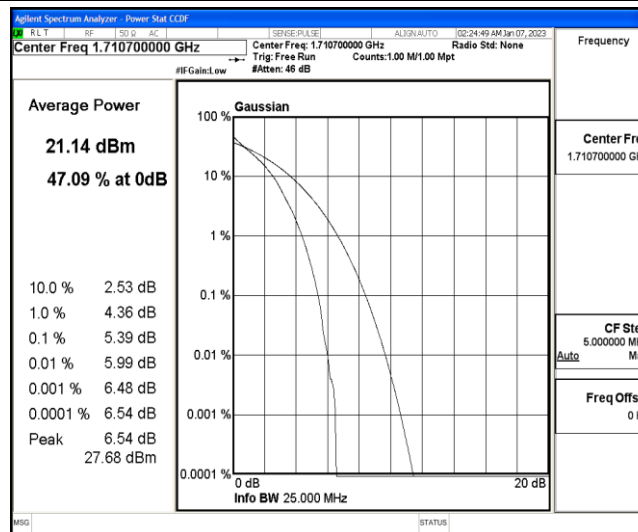
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

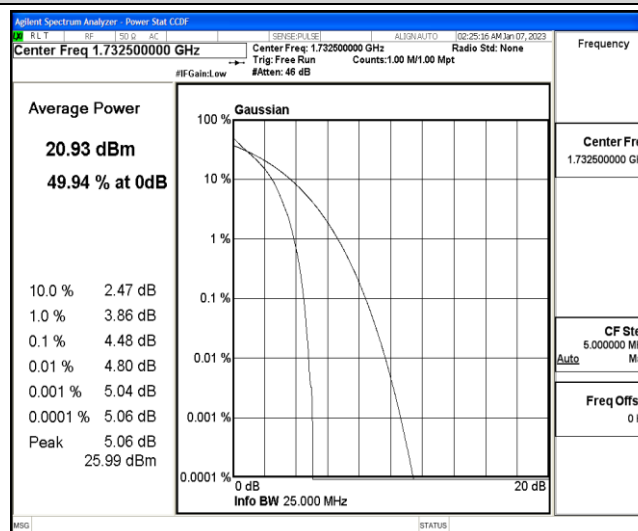


Test Graphs

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



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



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

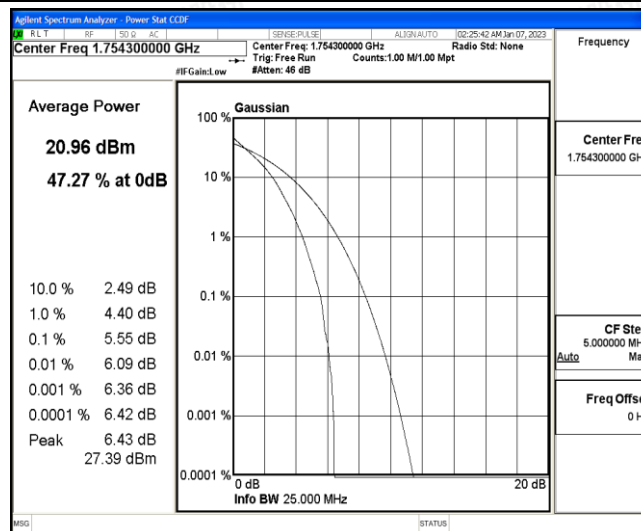


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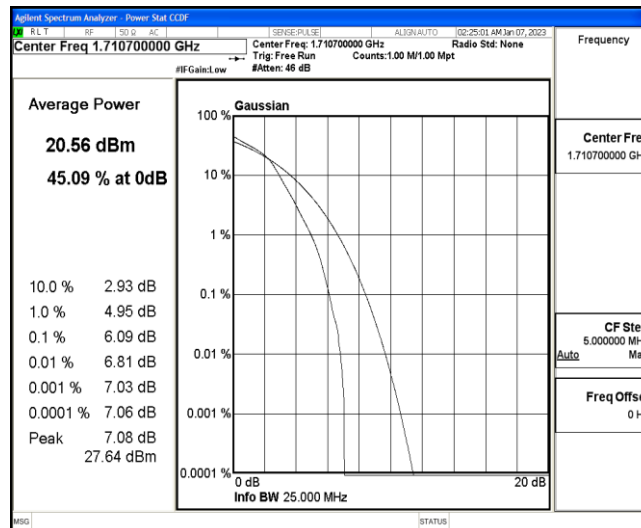
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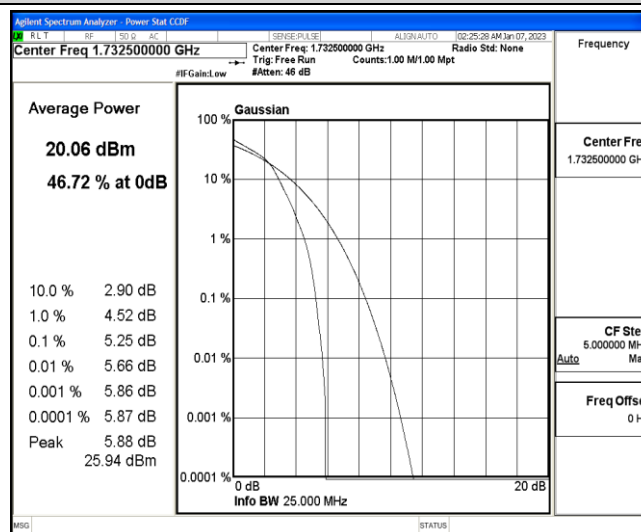
Scan code to check authenticity



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



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



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

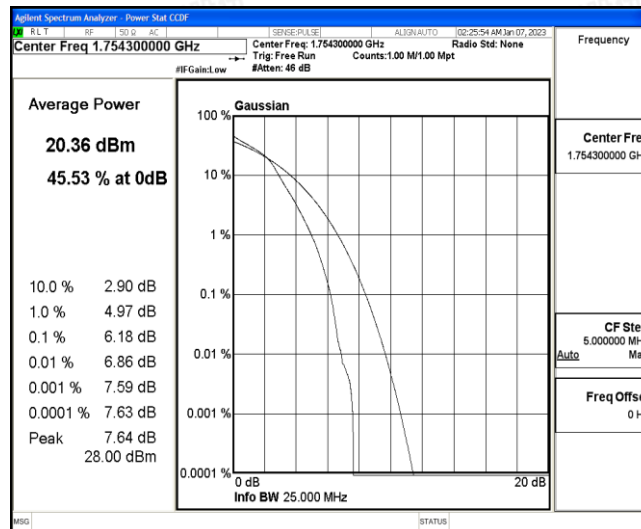


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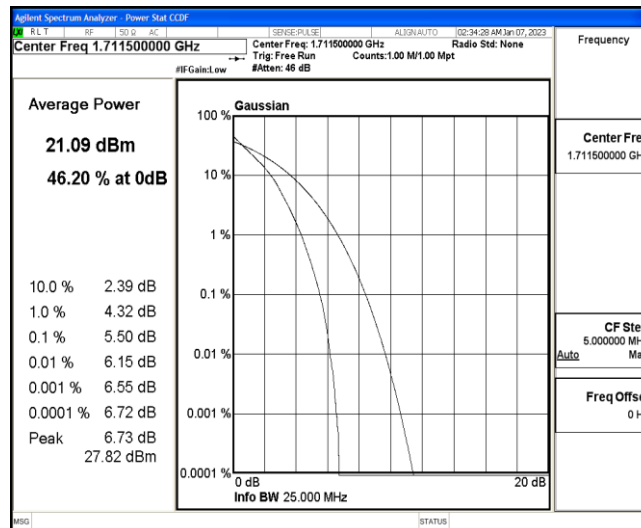
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

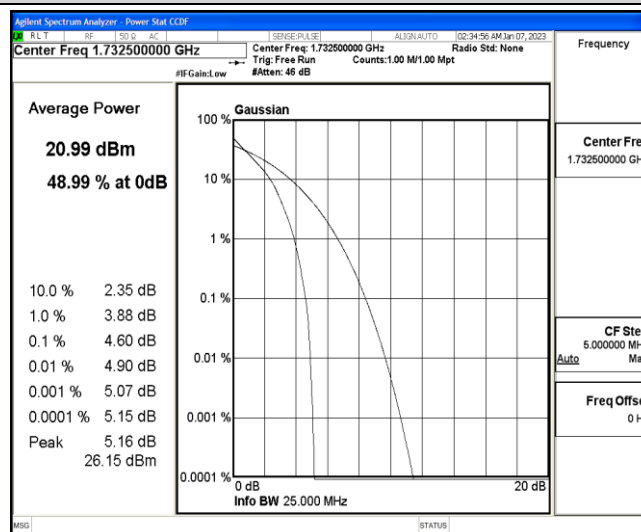
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Band4-3MHz-QPSK-19965-15RB#0



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



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

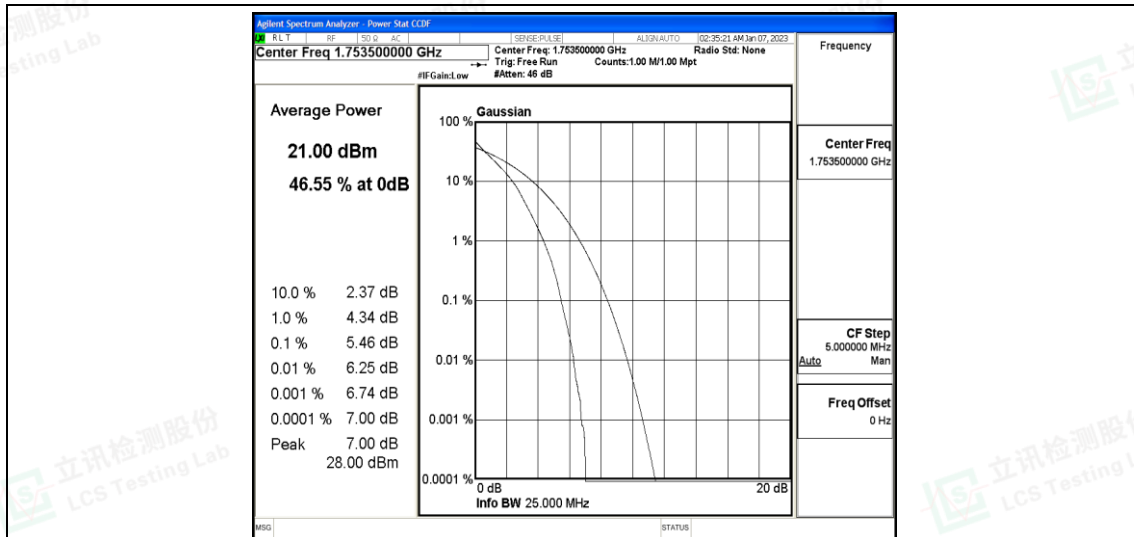


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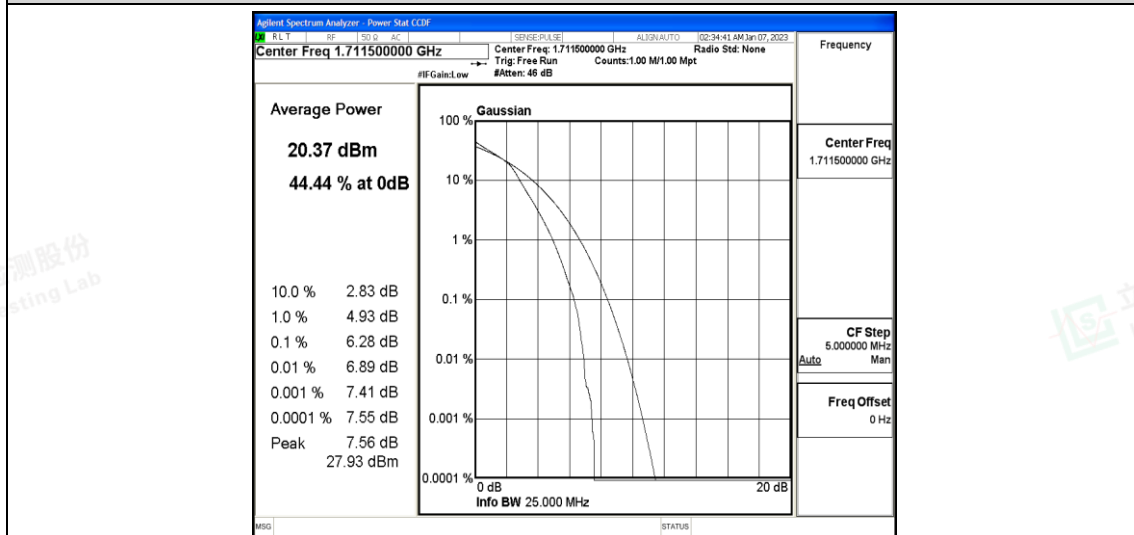
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

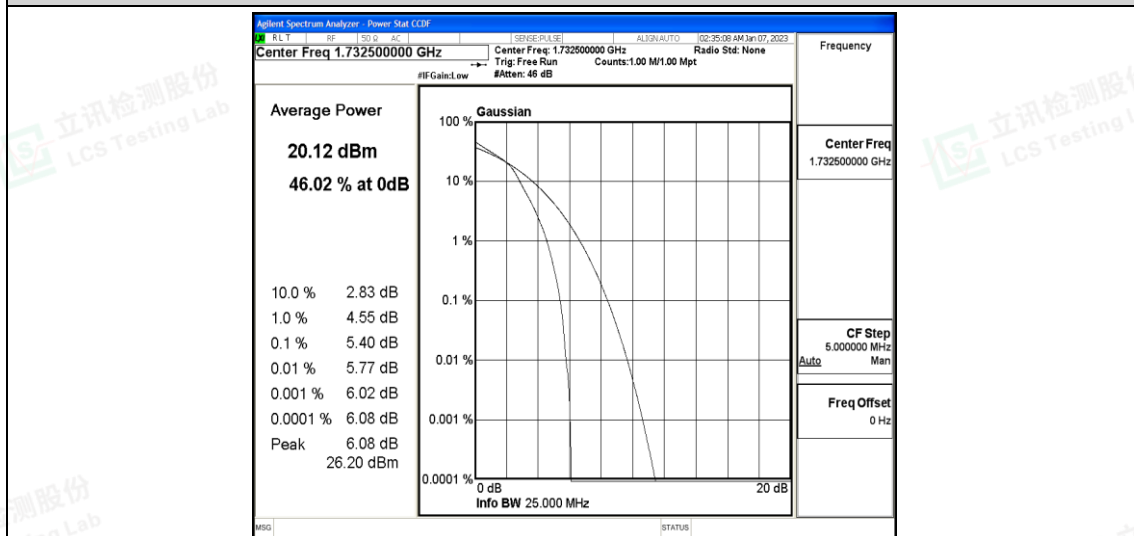
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Band4-3MHz-16QAM-19965-15RB#0



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



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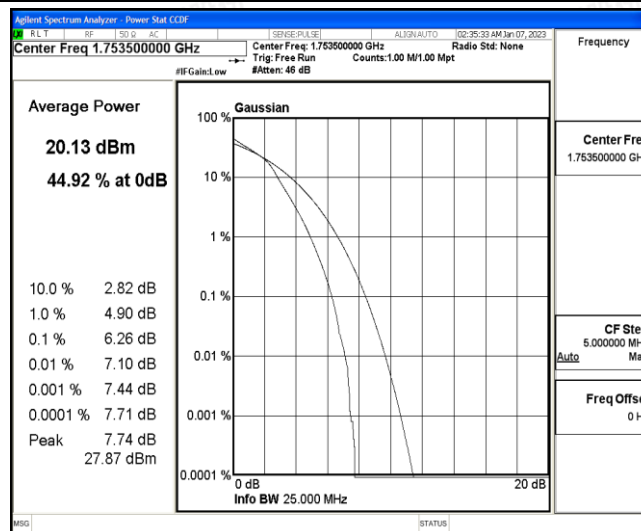


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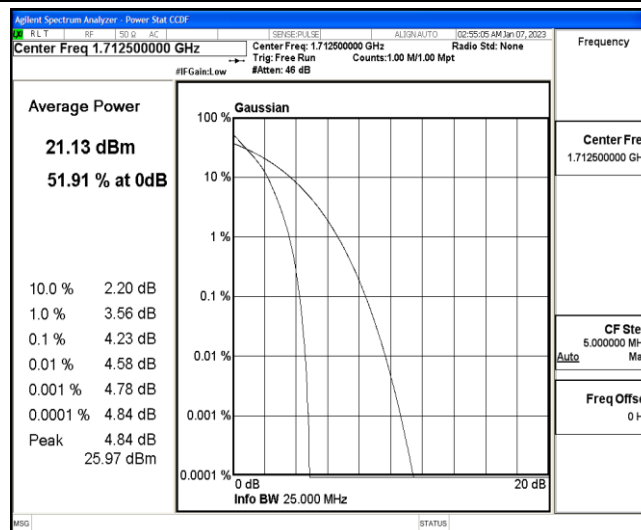
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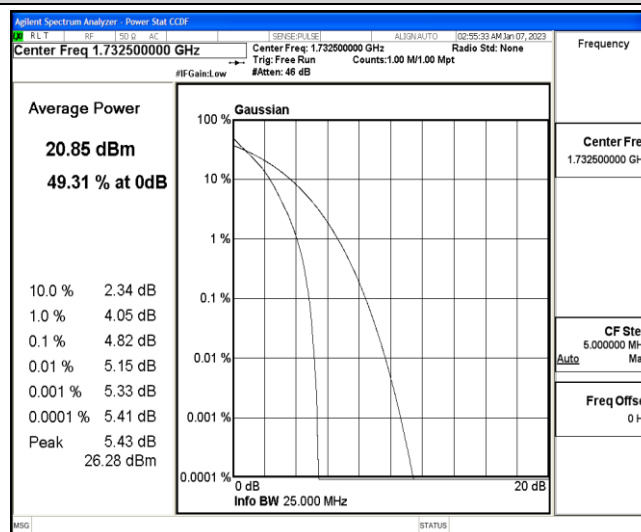
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Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0



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

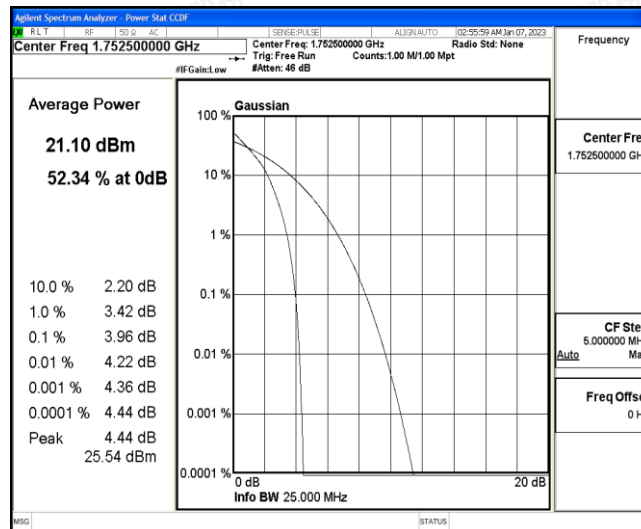


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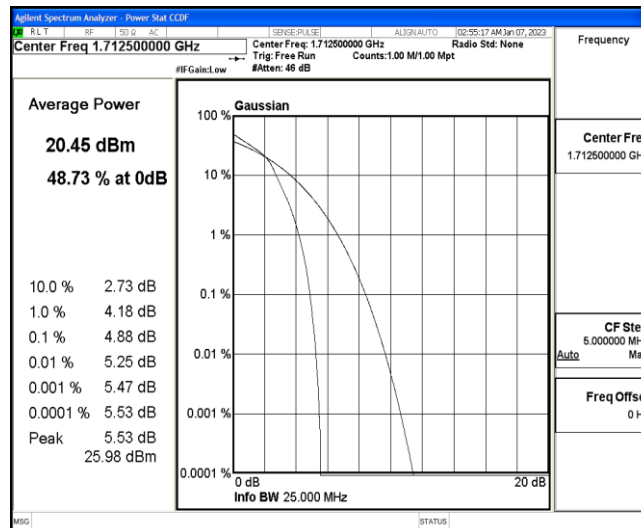
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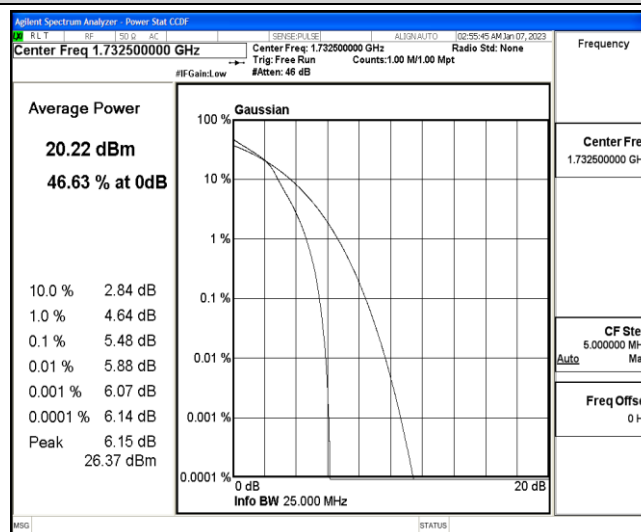
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Band4-5MHz-16QAM-20175-25RB#0



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

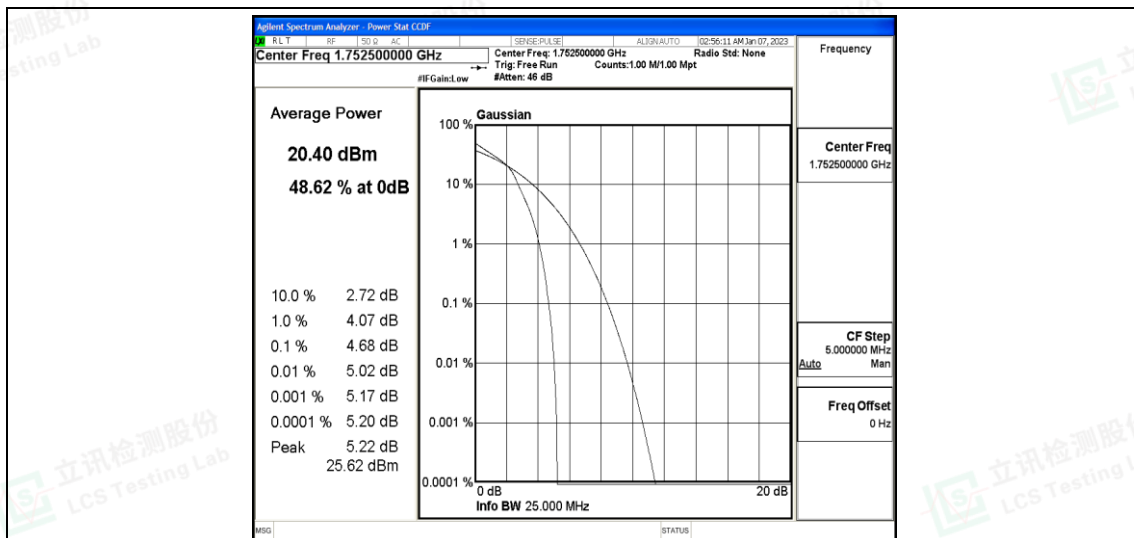


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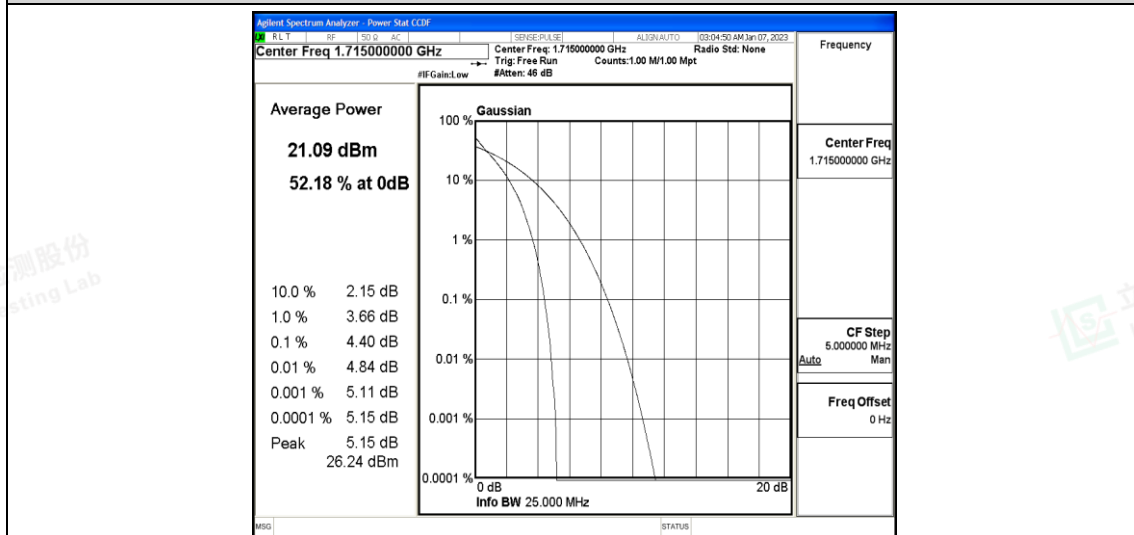
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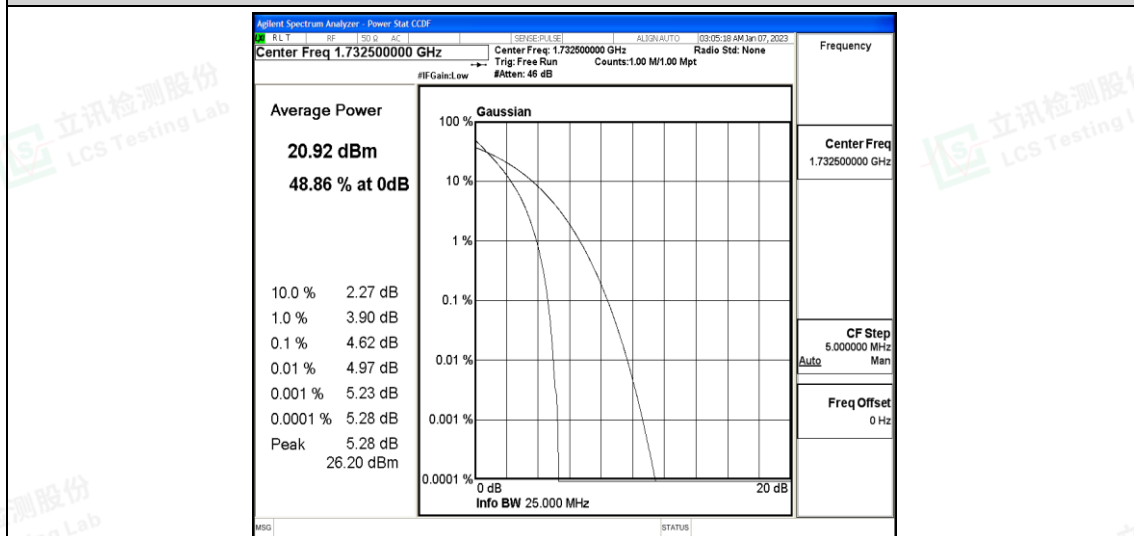
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Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



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

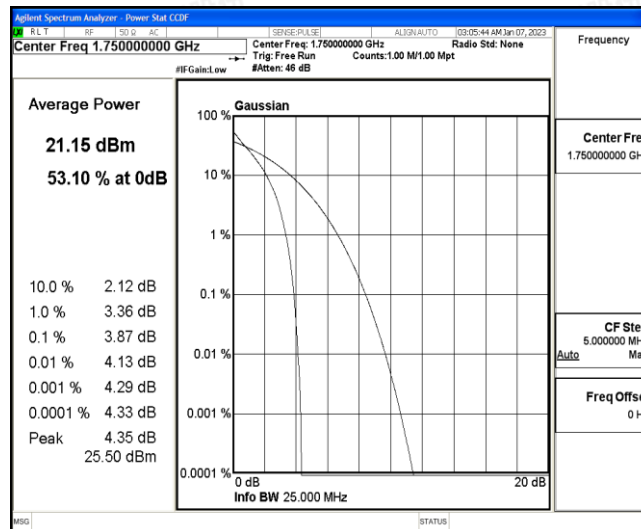


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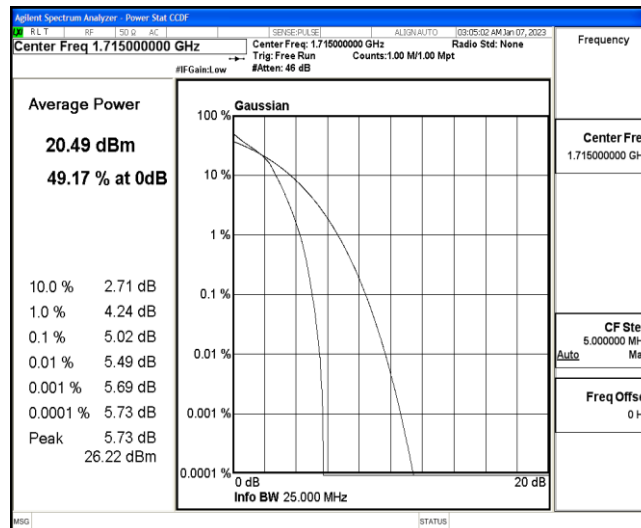
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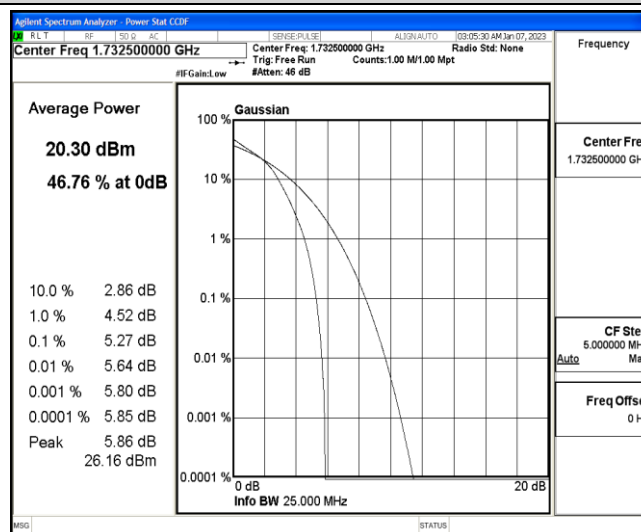
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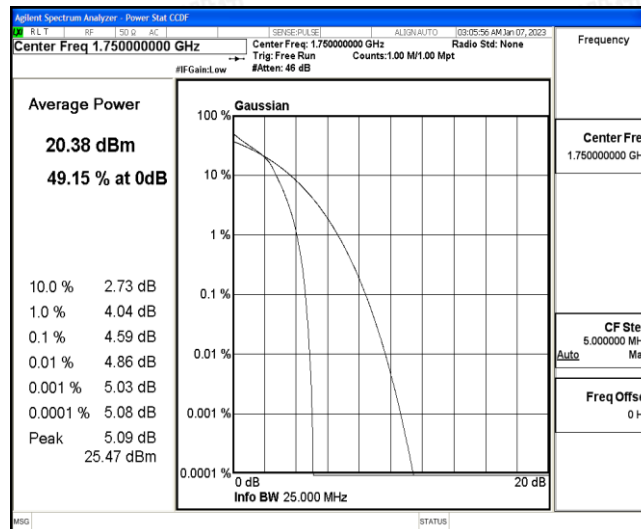


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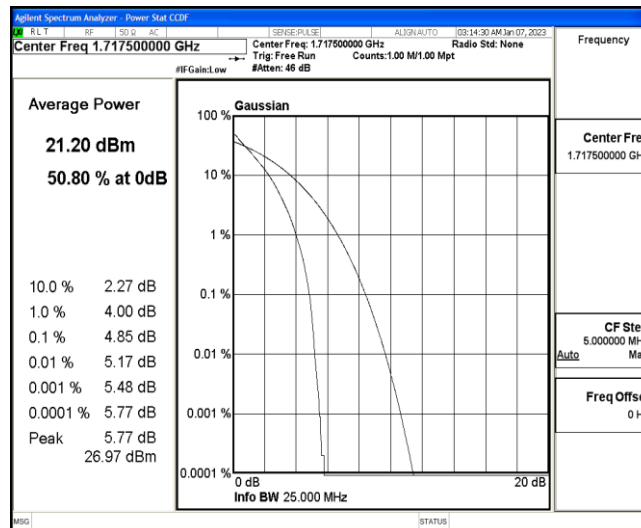
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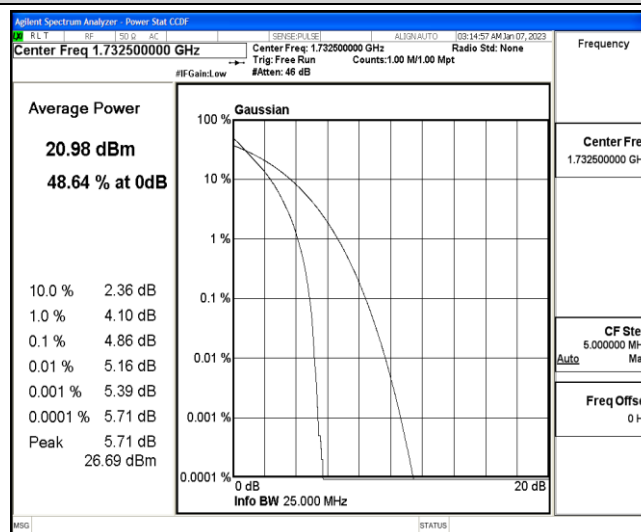
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Band4-15MHz-QPSK-20025-75RB#0



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



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

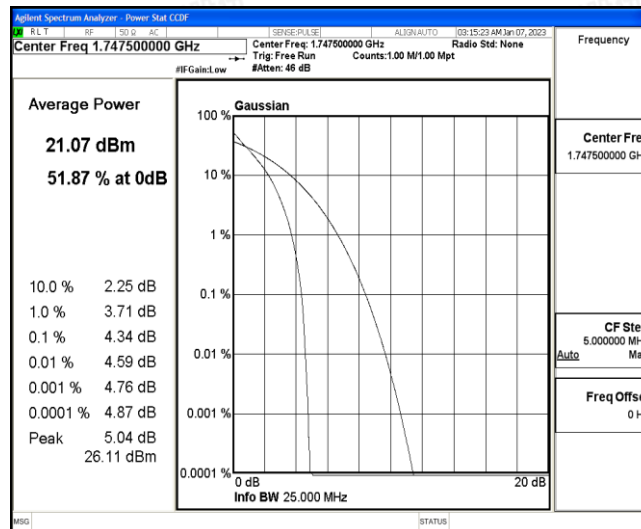


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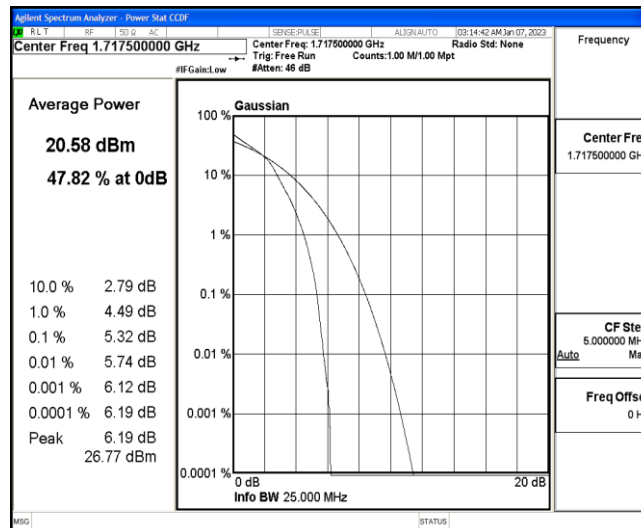
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

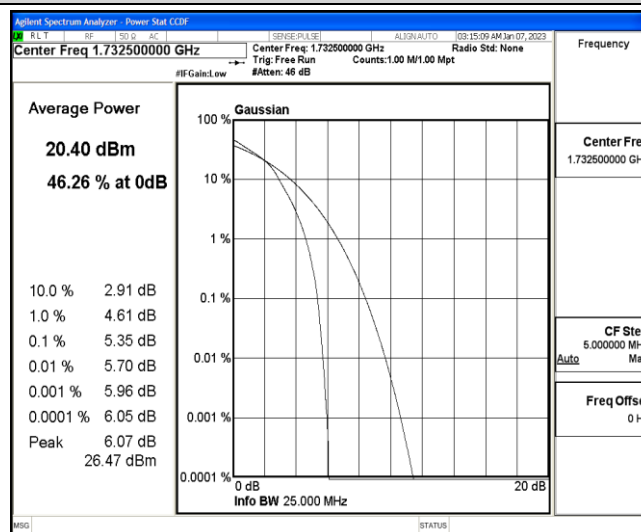
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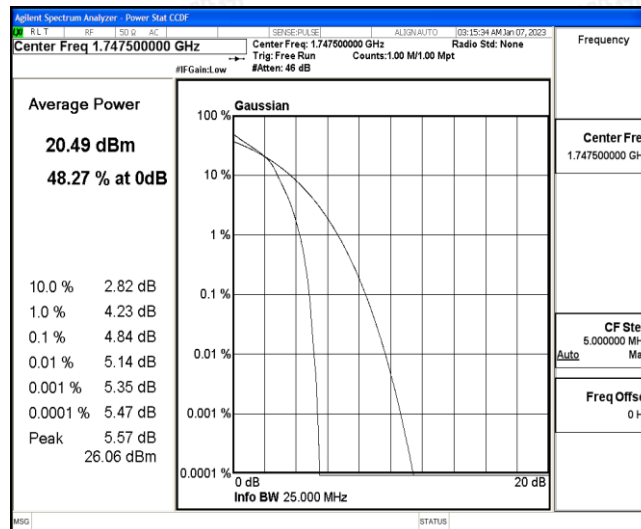


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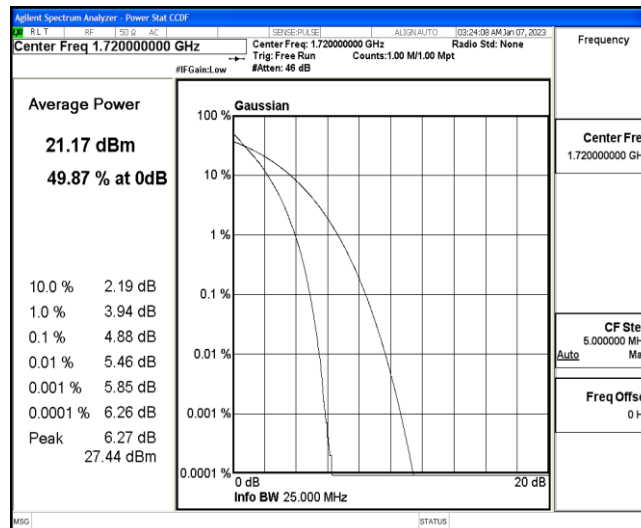
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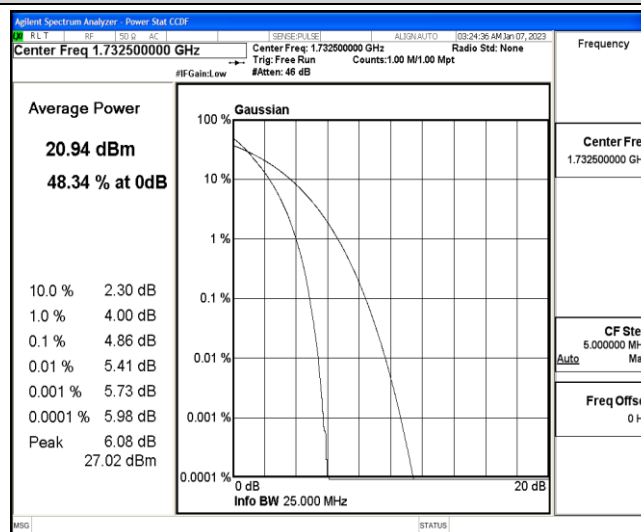
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Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



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

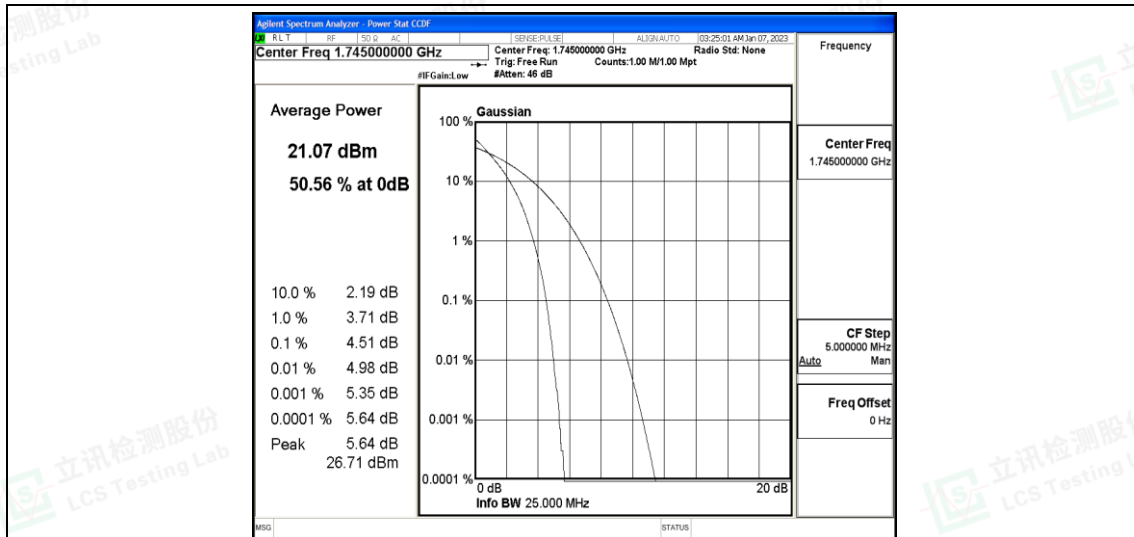


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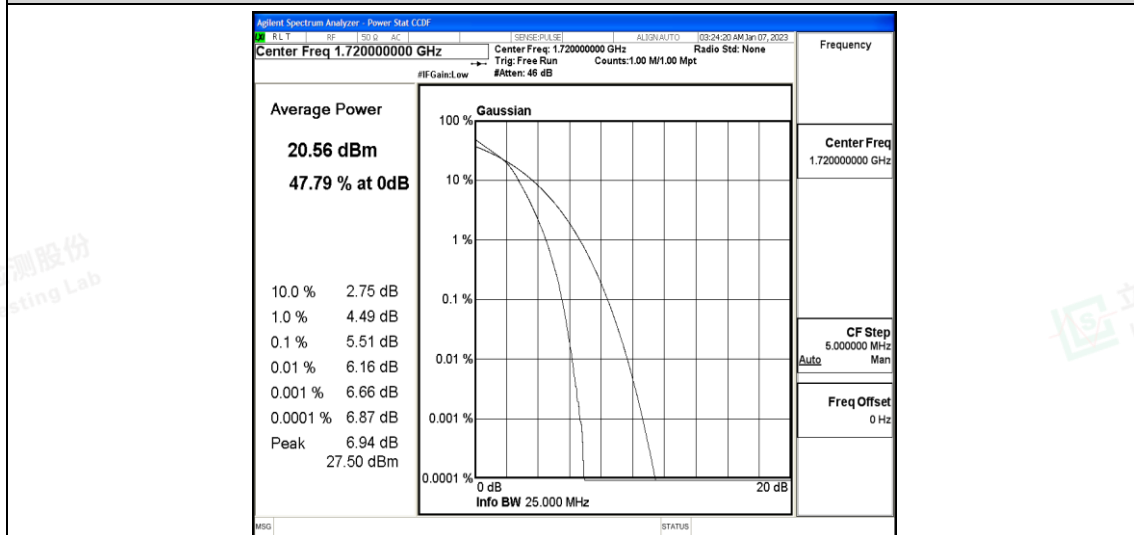
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

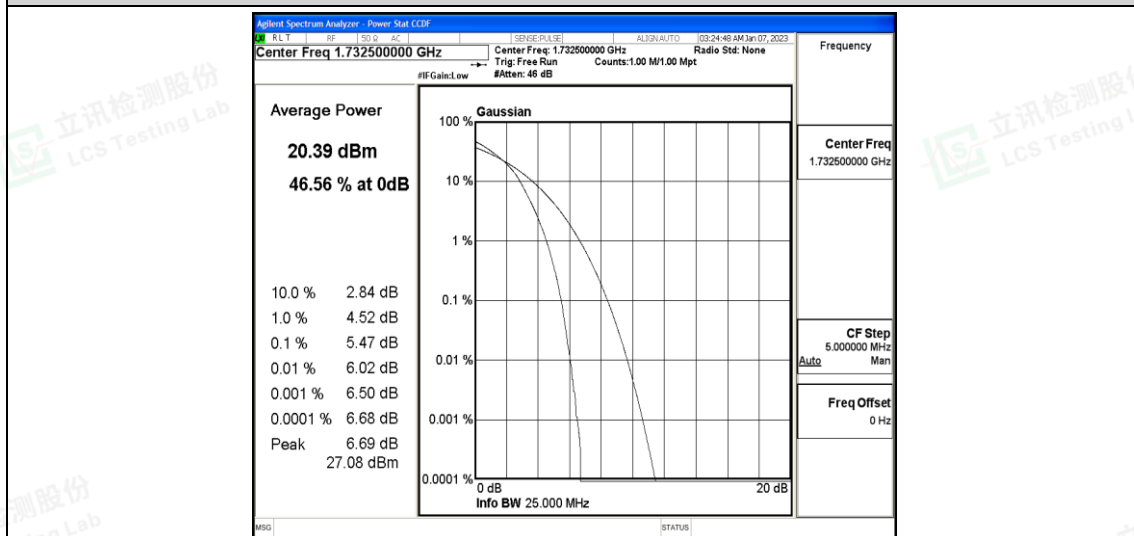
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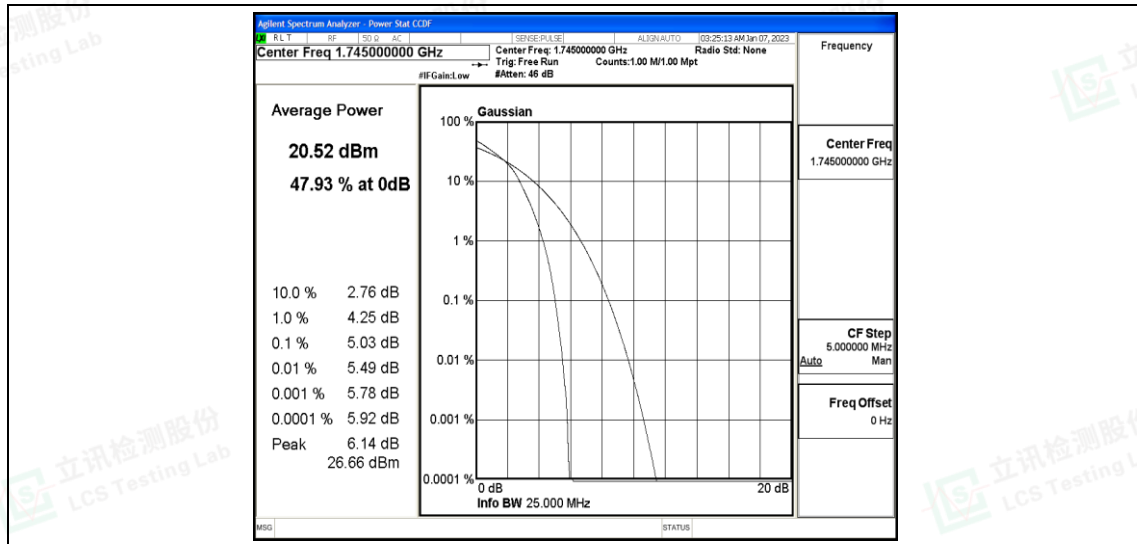


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1004	1.237	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0968	1.254	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1003	1.245	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0955	1.252	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1050	1.268	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1008	1.244	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7158	3.010	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7149	3.027	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7074	3.039	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7051	3.026	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7037	3.046	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7106	3.044	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5106	4.992	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5165	4.980	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4956	4.996	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4997	4.959	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5208	4.986	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5162	4.997	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0279	10.14	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0113	10.10	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0240	10.36	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0218	9.976	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9809	10.04	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0118	10.74	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.522	15.35	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.538	15.44	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.530	15.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.512	15.12	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.532	15.11	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.545	15.18	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.044	20.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.012	20.14	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.074	20.46	PASS



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Band4	20MHz	16QAM	20050	100RB#0	18.029	20.10	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.050	20.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.058	20.19	PASS

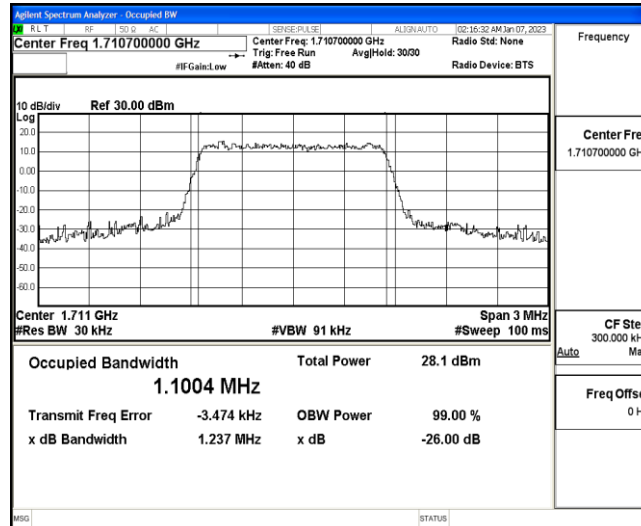


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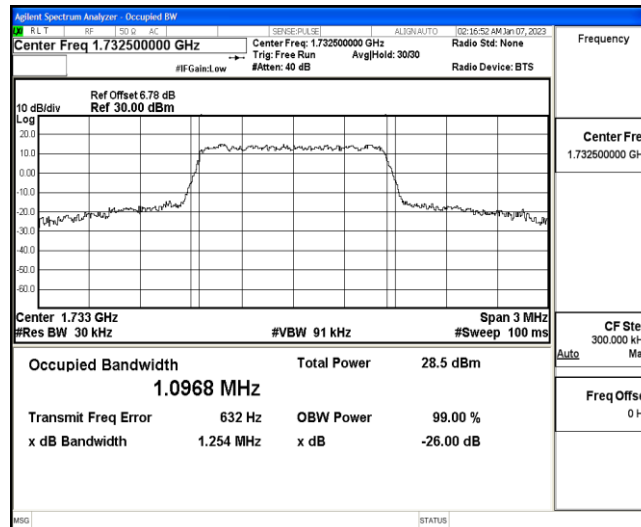


Test Graphs

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



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



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

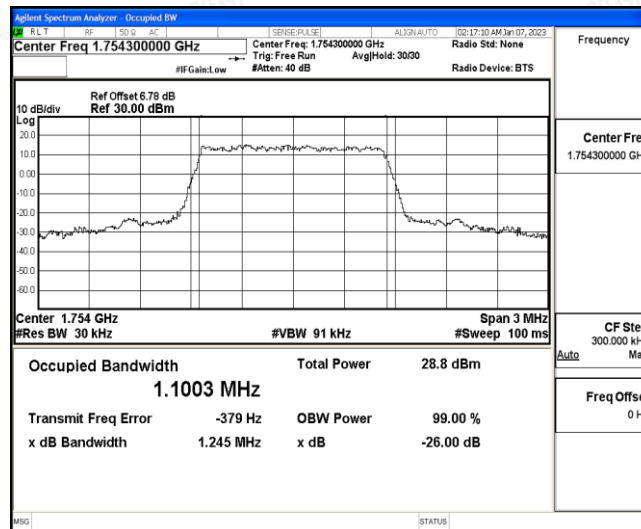


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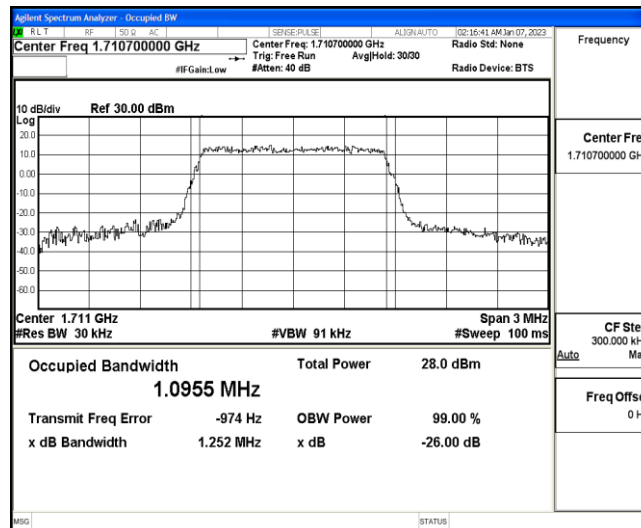
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

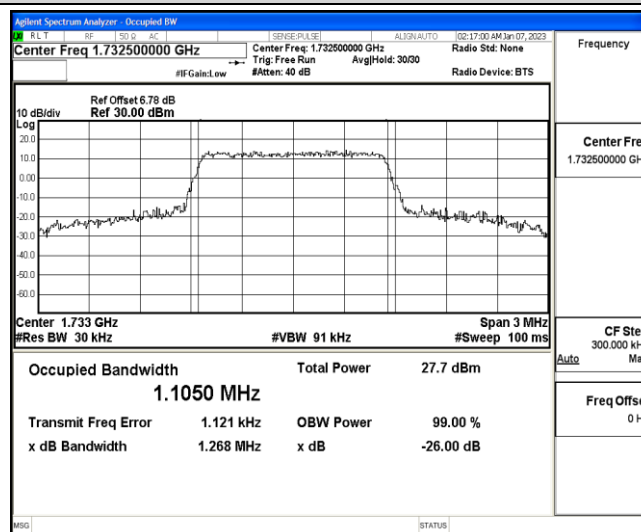
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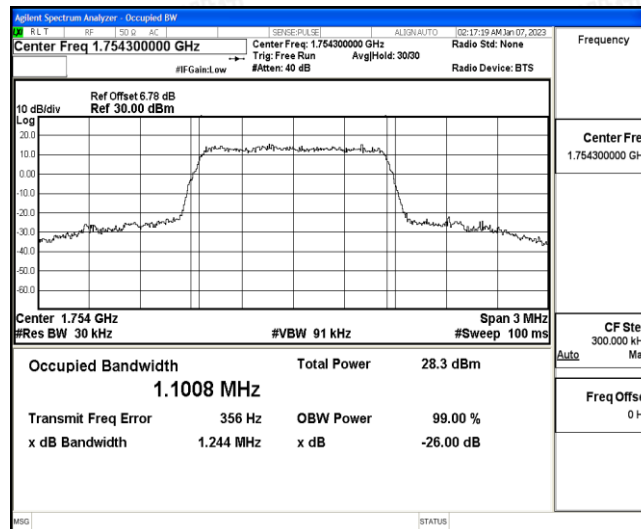


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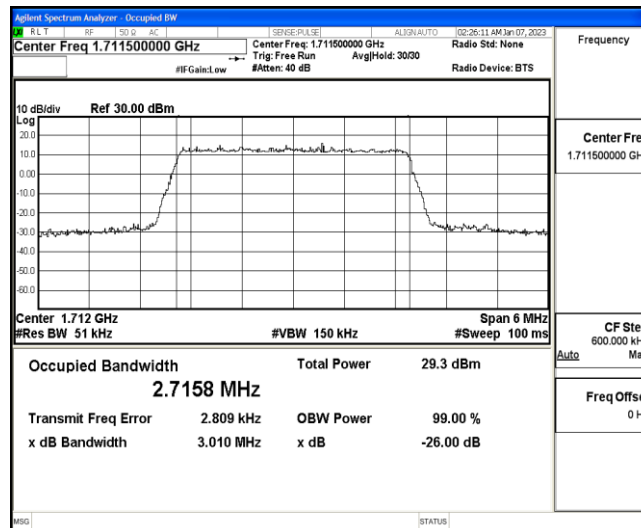


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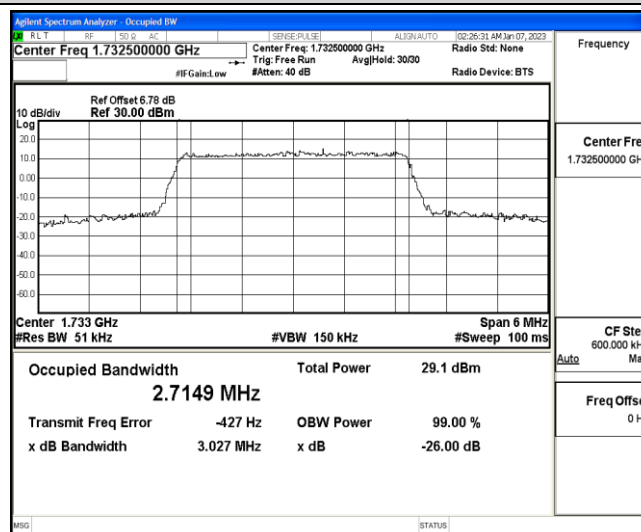




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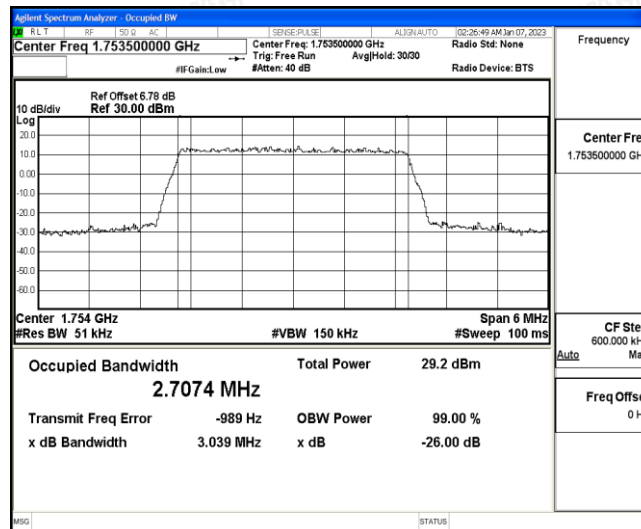


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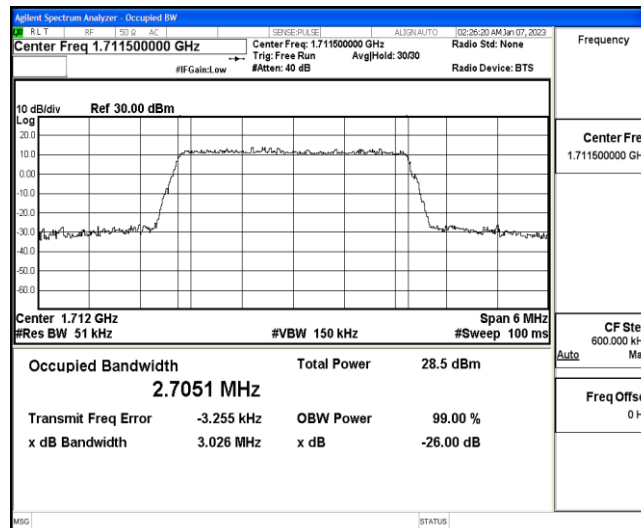


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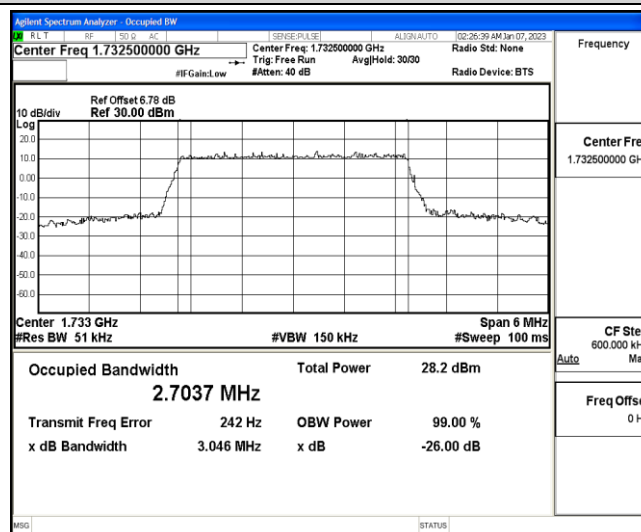




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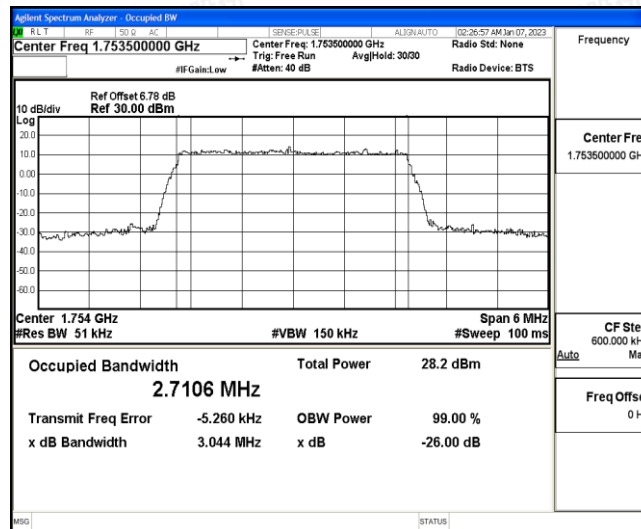


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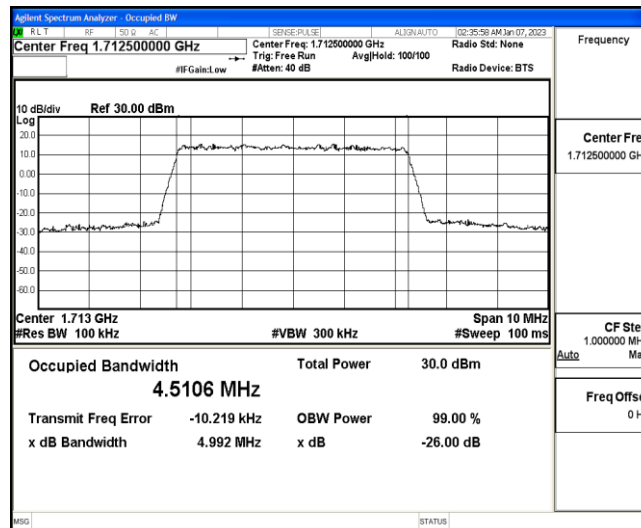


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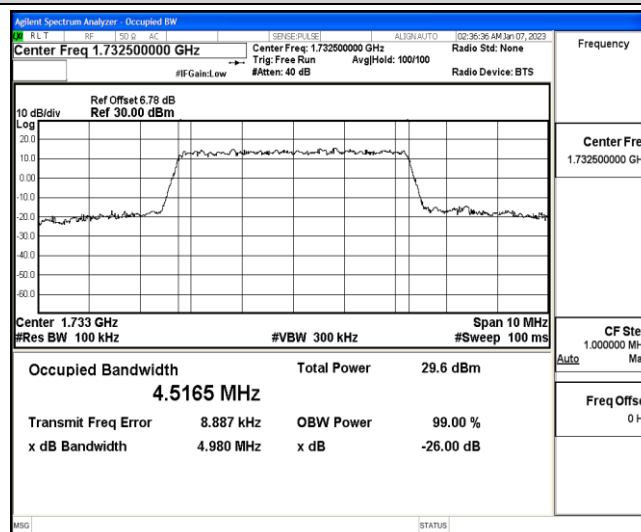




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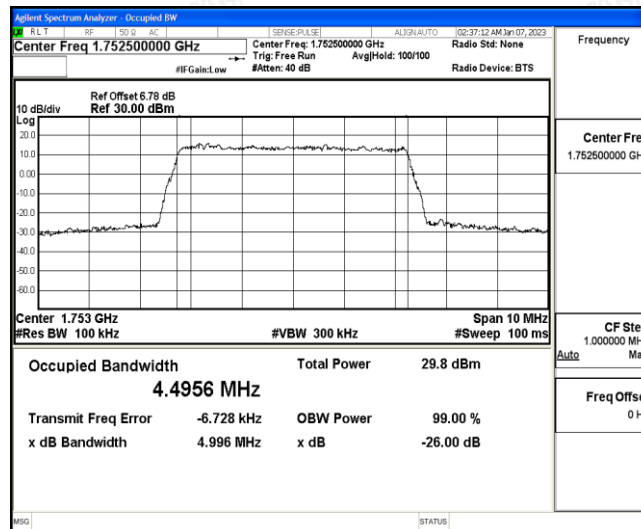


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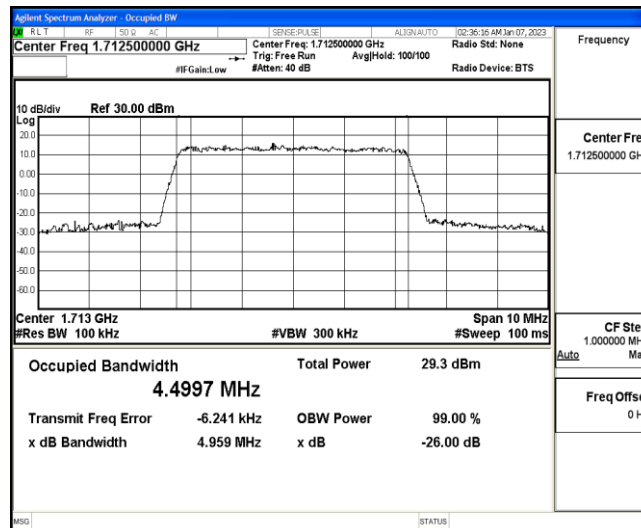


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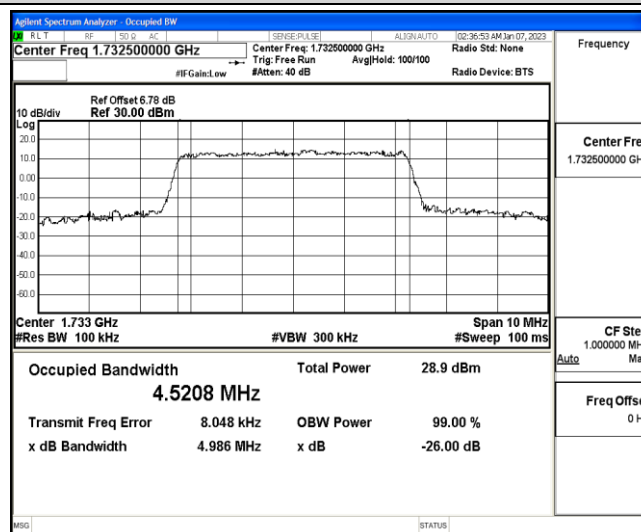




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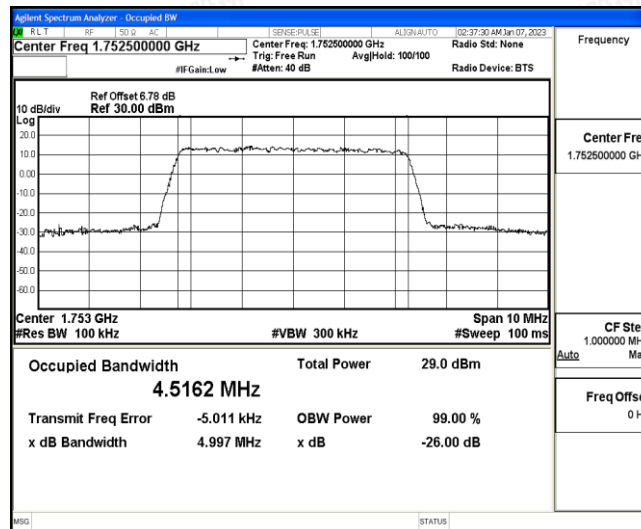


Band4-5MHz-16QAM-20175-25RB#0

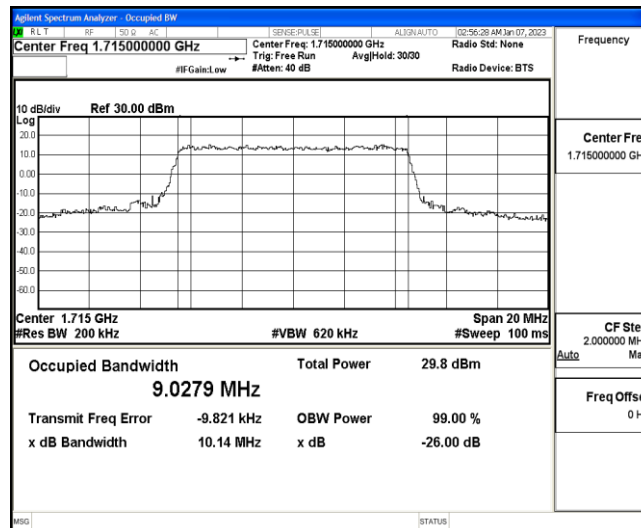


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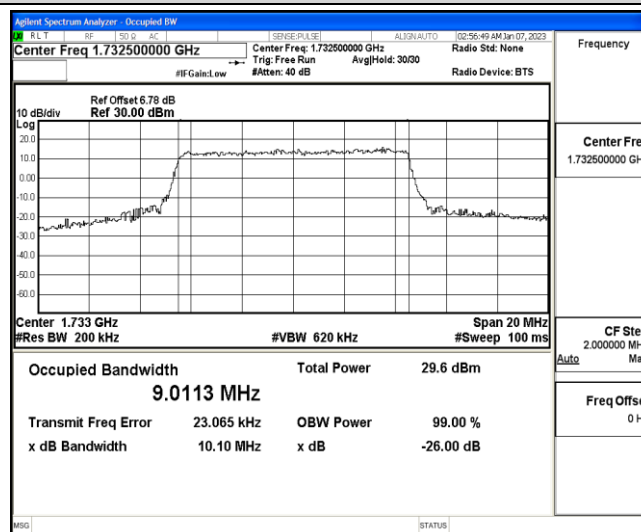




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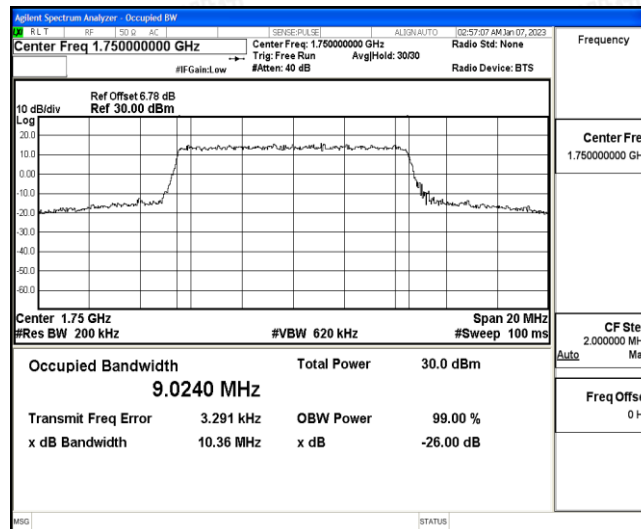


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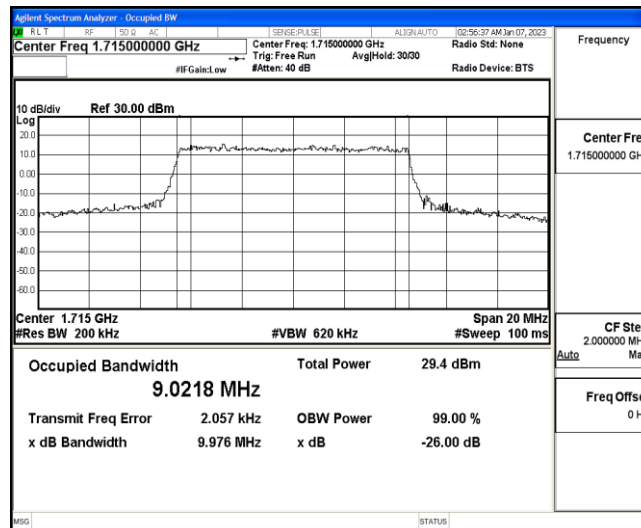


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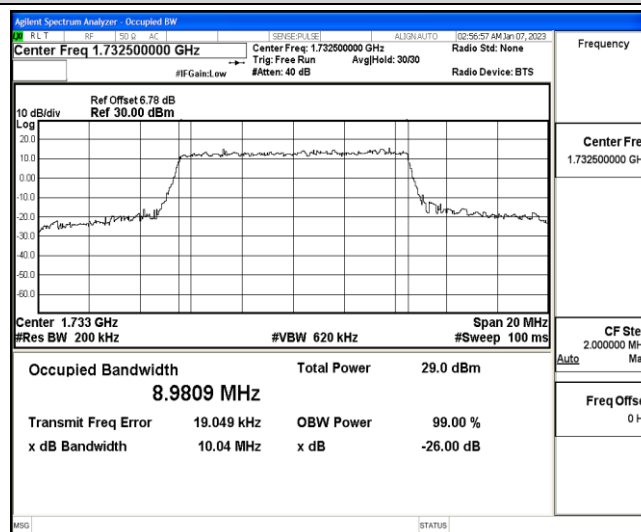




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Band4-10MHz-16QAM-20175-50RB#0



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

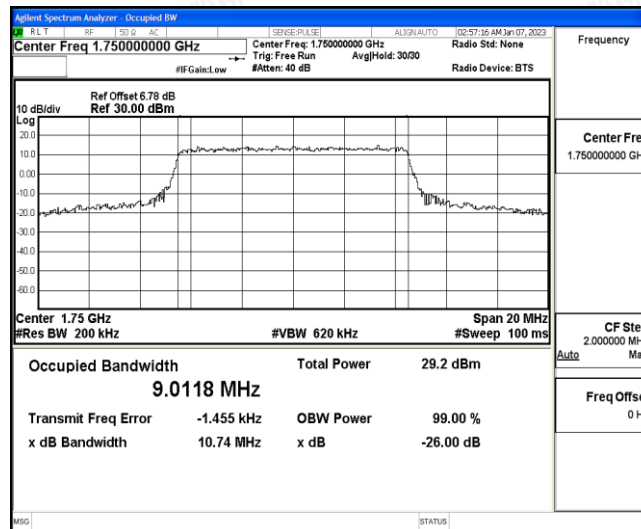


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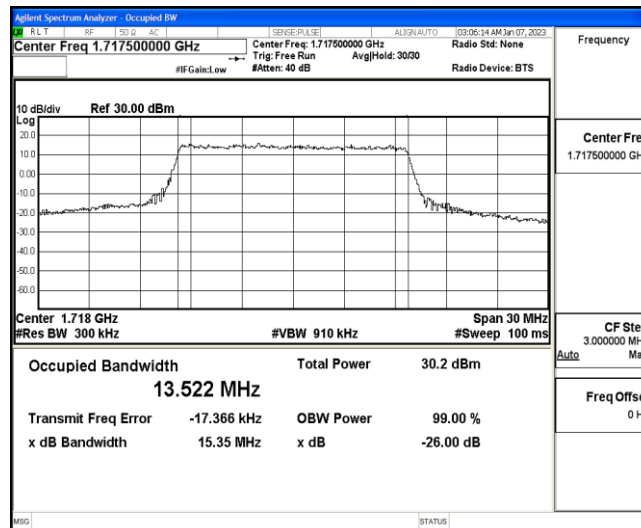
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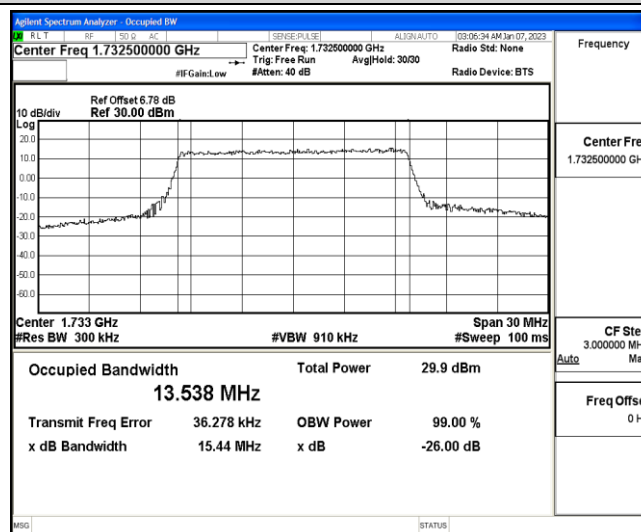
Scan code to check authenticity



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

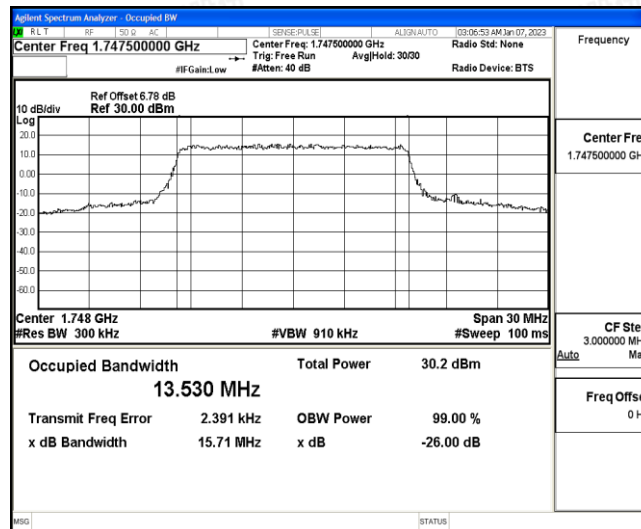


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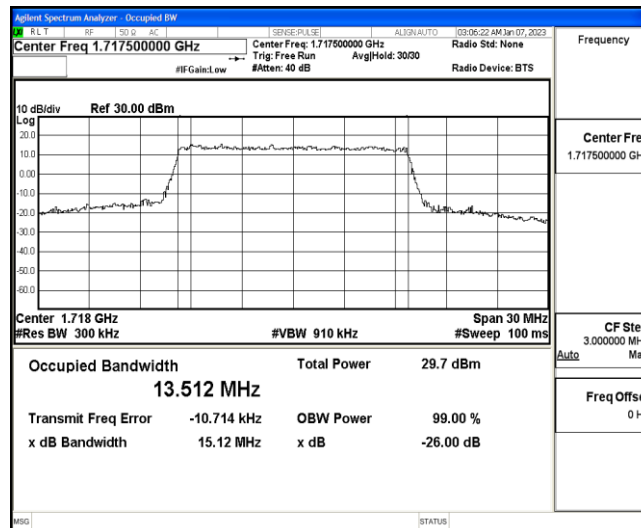


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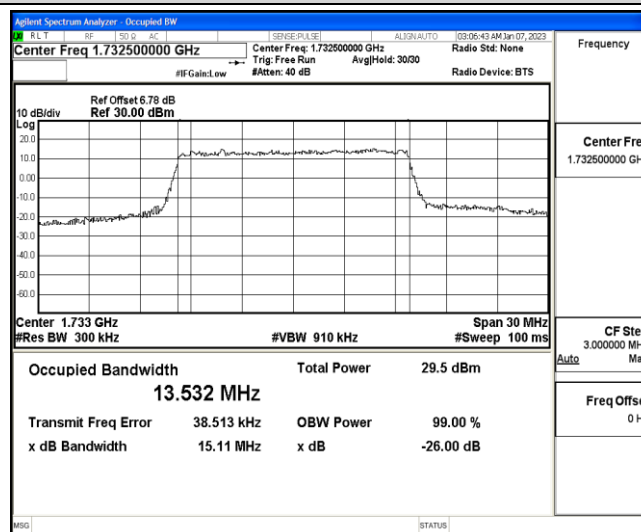




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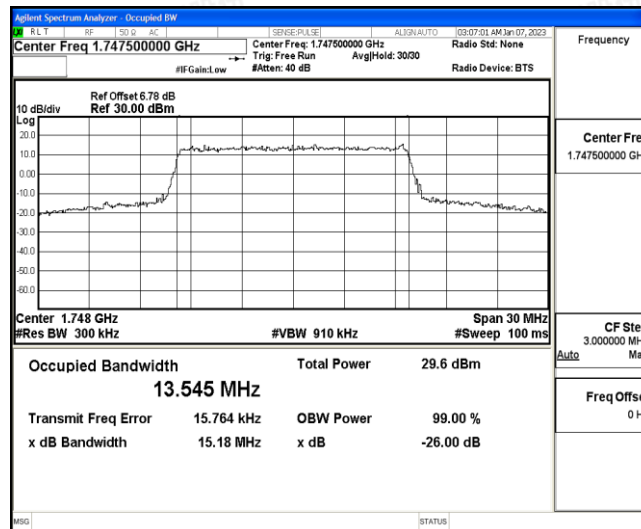


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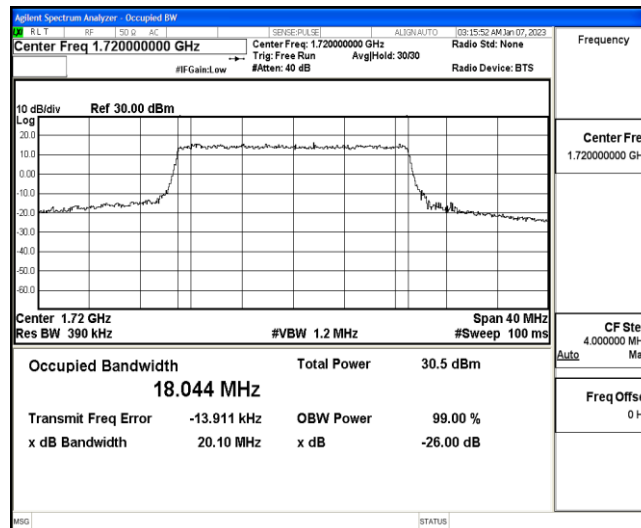


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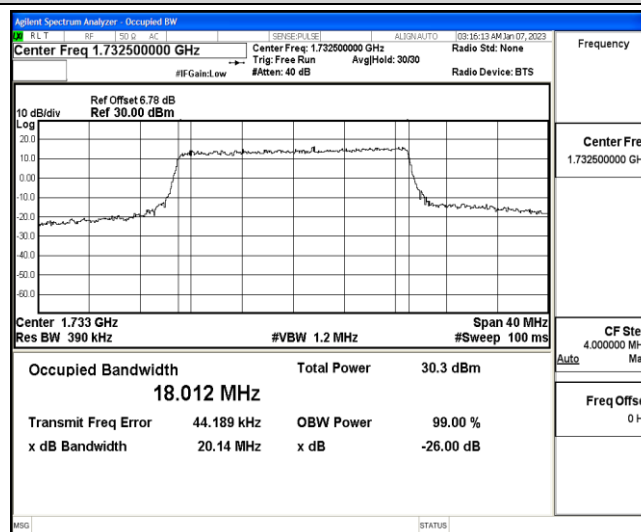




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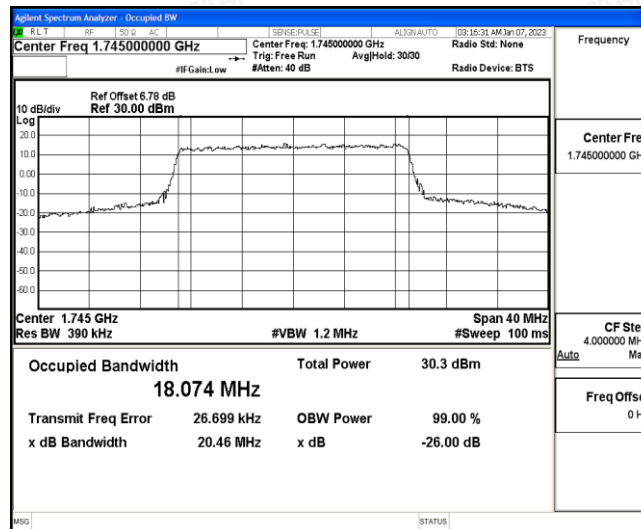


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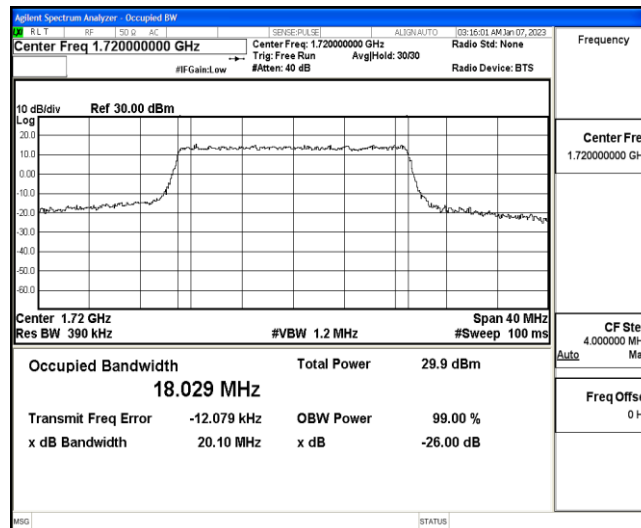


Band4-20MHz-QPSK-20300-100RB#0

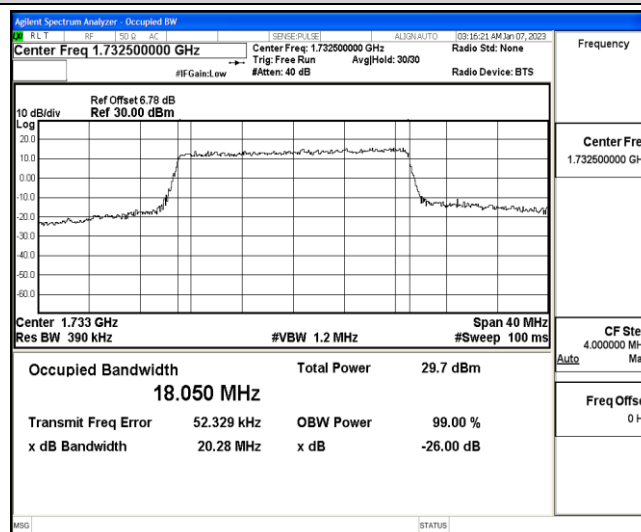




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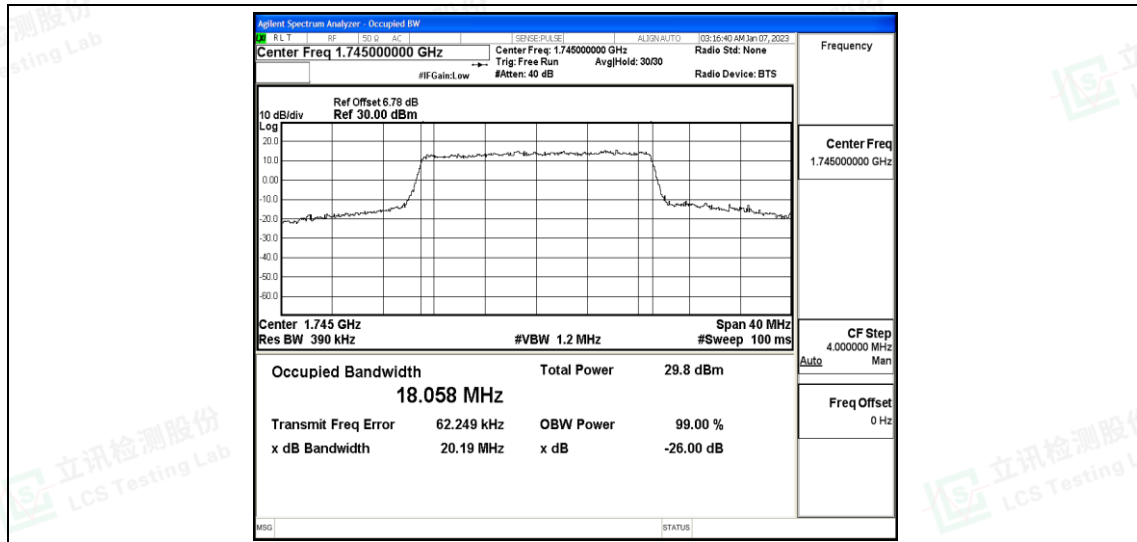


Band4-20MHz-16QAM-20175-100RB#0



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







G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-31.50	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.16	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-33.42	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-32.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.50	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.45	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.36	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.66	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.36	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.59	PASS
Band4	10MHz	QPSK	20000	50RB#0	-24.45	PASS
Band4	10MHz	QPSK	20350	50RB#0	-22.91	PASS
Band4	10MHz	16QAM	20000	50RB#0	-25.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	-23.96	PASS
Band4	15MHz	QPSK	20025	75RB#0	-23.15	PASS
Band4	15MHz	QPSK	20325	75RB#0	-21.19	PASS
Band4	15MHz	16QAM	20025	75RB#0	-25.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	-23.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	-23.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	-21.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	-25.27	PASS
Band4	20MHz	16QAM	20300	100RB#0	-23.10	PASS

Test Graphs

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

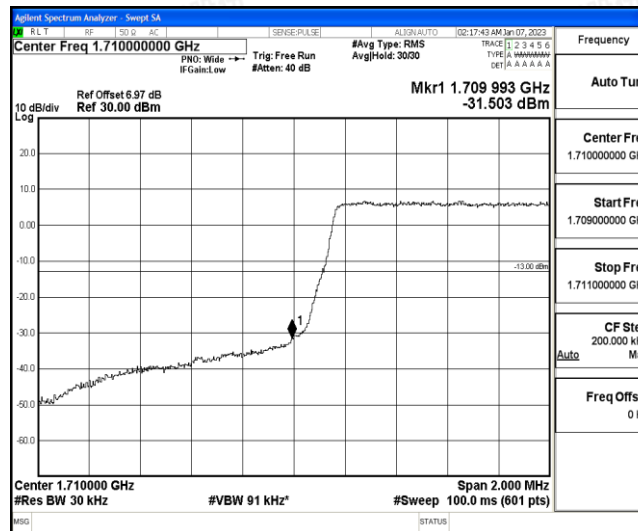


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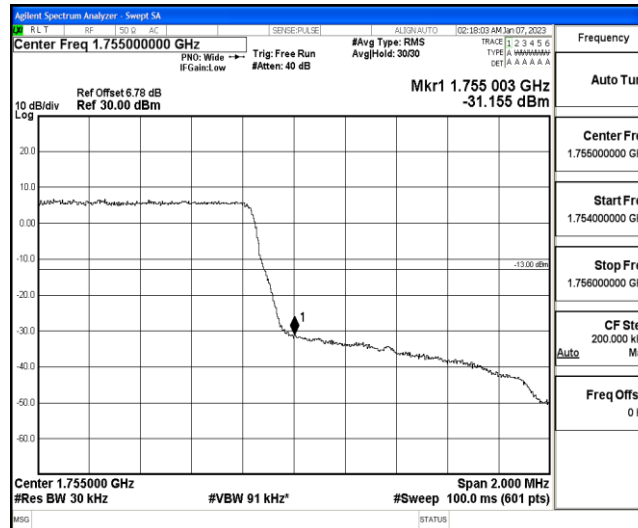
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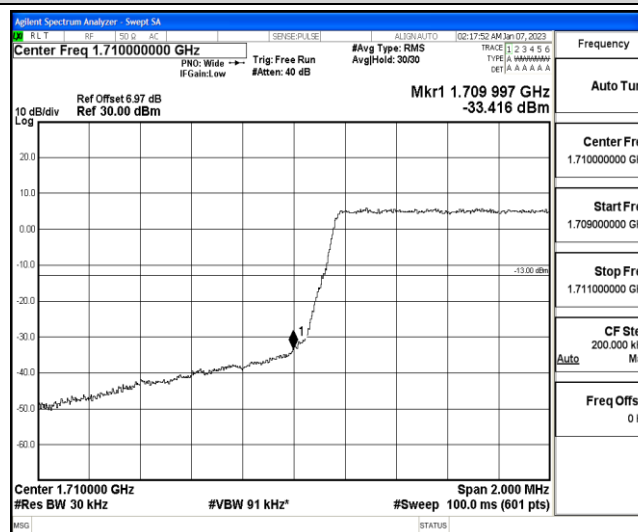
Scan code to check authenticity



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



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



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

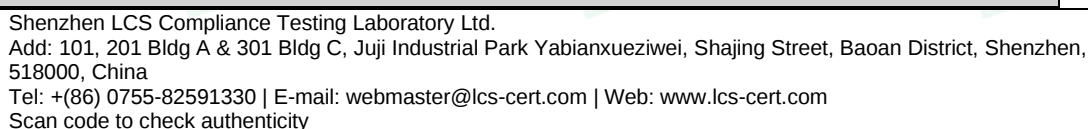
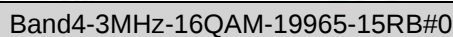
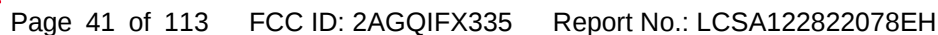


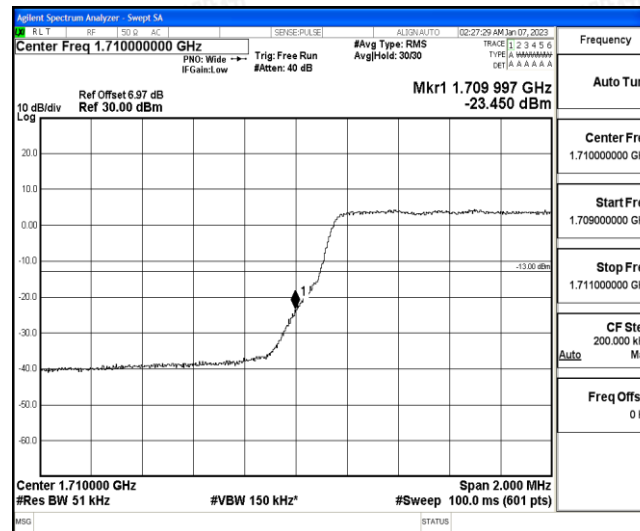
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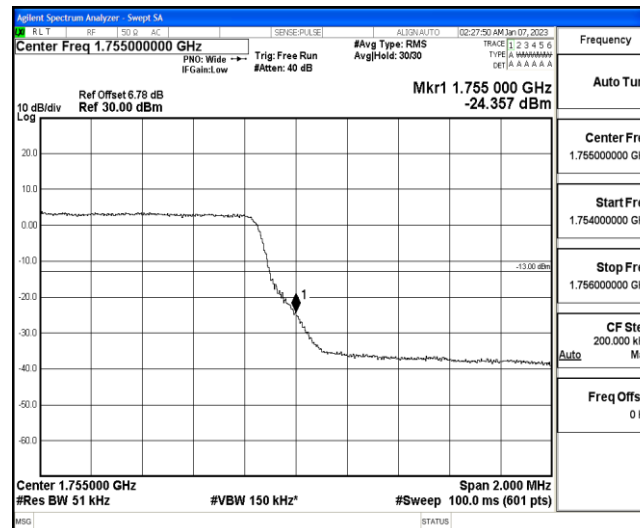
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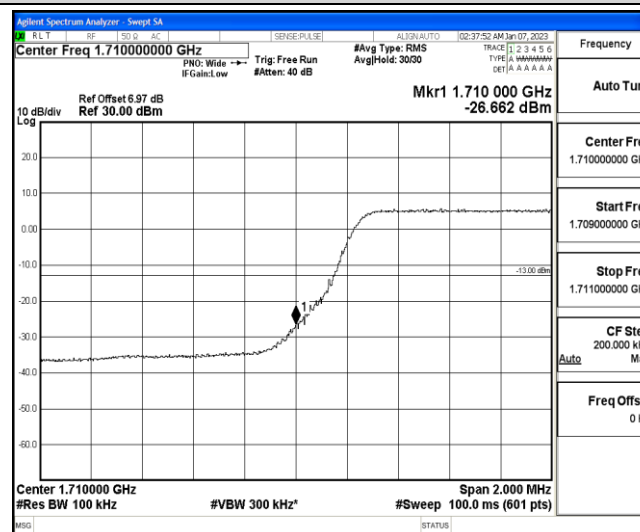




Band4-3MHz-16QAM-20385-15RB#0



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



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



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