

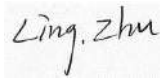


Appendix D: Test Data for E-UTRA Band 4

Product Name: Phone Watch

Test Model: 8688

Environmental Conditions

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





D.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	21.94	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.87	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.75	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.87	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.82	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.03	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.97	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.55	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.68	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.66	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.55	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.72	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.32	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.47	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.28	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.27	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.34	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.19	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.82	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.95	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.90	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.47	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.47	PASS



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Scan code to check authenticity



Band4	1.4MHz	16QAM	20175	1RB#5	21.31	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.62	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.61	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.41	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.78	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.19	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.26	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.13	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.17	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.21	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.38	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.39	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.48	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.19	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.37	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.32	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.33	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.34	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.61	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.43	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.39	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.49	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.47	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.39	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.35	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.08	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.21	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.17	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.07	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.17	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.11	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.49	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.55	PASS



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Band4	3MHz	16QAM	19965	1RB#14	21.24	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.56	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.40	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.54	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.46	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.48	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.42	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.37	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.70	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.66	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.58	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.66	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.96	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.04	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.14	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.01	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.11	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.22	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.18	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.08	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.81	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.47	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.84	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.67	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.69	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.72	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.60	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.52	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.65	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.65	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.57	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.56	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.29	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.49	PASS



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Scan code to check authenticity



Band4	5MHz	QPSK	20375	1RB#24	22.49	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.29	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.27	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.32	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.36	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.13	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.05	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.77	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.88	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.91	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.76	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.81	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.57	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.45	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.38	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.63	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.72	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.46	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.75	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.44	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.27	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.29	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.54	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.53	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.48	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.44	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.90	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.37	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.69	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.91	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.85	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.77	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.38	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.49	PASS



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Band4	10MHz	QPSK	20175	1RB#49	22.36	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.65	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.69	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.47	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.64	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.09	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.73	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.49	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.52	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.50	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.29	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.20	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.87	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.53	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.77	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.95	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.89	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.91	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.85	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.56	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.76	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.26	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.70	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.69	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.54	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.51	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.08	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.72	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.35	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.61	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.69	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.31	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.39	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.78	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.43	PASS



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Band4	15MHz	QPSK	20025	1RB#74	22.45	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.60	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.43	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.38	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.44	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.50	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.44	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.07	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.60	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.94	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.45	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.26	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.34	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.23	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.53	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.21	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.47	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.36	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.74	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.68	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.52	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.57	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.39	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.38	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.56	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.81	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.17	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.58	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.93	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.17	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.50	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.49	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.25	PASS



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Band4	15MHz	16QAM	20325	1RB#74	21.40	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.42	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.20	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.27	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.48	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.03	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.43	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.56	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.51	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.48	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.06	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.14	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.82	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.16	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.63	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.72	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.63	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.49	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.73	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.19	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.39	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.47	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.37	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	19.98	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.46	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.52	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.60	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.56	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.70	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.15	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.07	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.00	PASS



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Scan code to check authenticity



Band4	20MHz	16QAM	20175	1RB#99	21.23	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.82	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.70	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.51	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.62	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.46	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.64	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.25	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.48	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.53	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.47	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.36	PASS



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Scan code to check authenticity



D.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	5.19	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.00	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.03	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.79	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.00	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.26	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.06	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.25	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.07	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.85	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.20	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.07	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.23	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.10	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.86	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.96	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.01	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.21	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.13	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.83	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.54	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.13	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.38	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.22	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.87	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.05	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.31	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.95	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.27	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.11	13	PASS



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Band4	20MHz	16QAM	20175	100RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.02	13	PASS

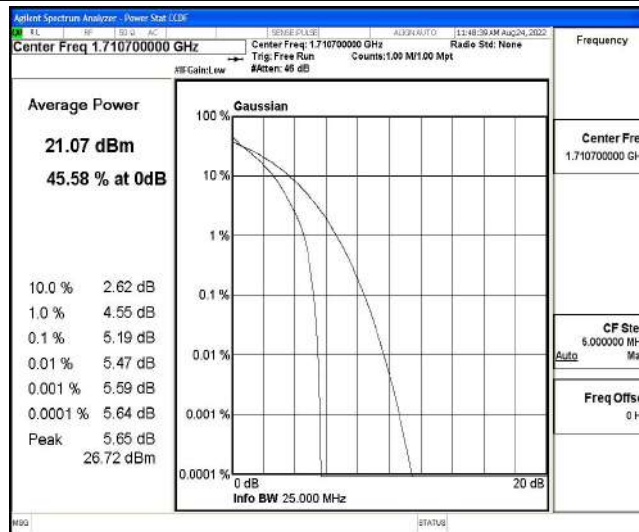


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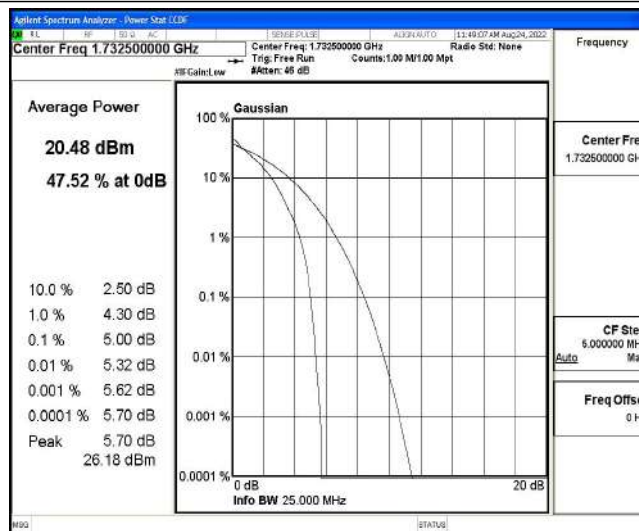


Test Graphs

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



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



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

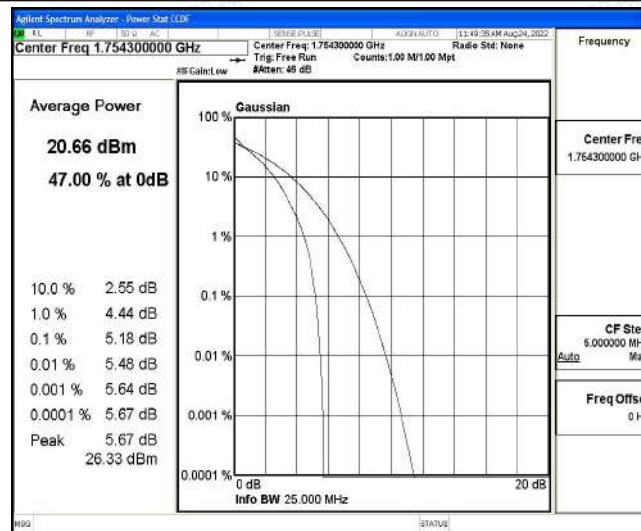


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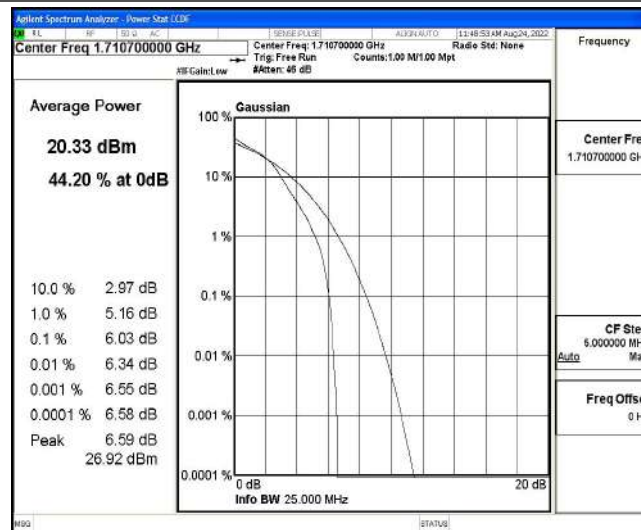
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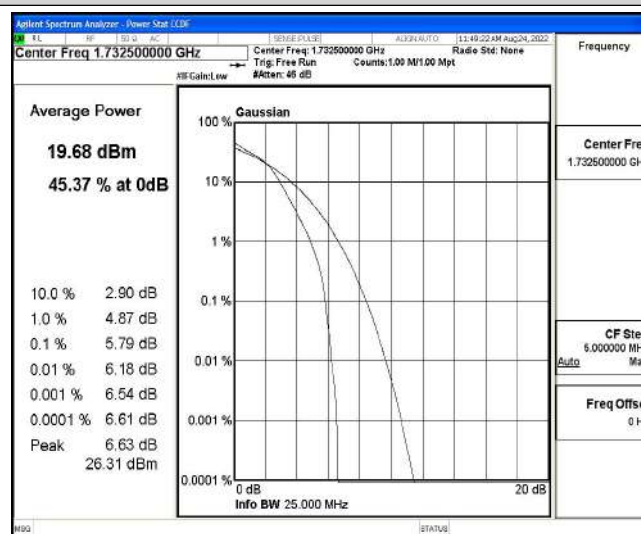
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Band4-1.4MHz-16QAM-19957-6RB#0



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



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

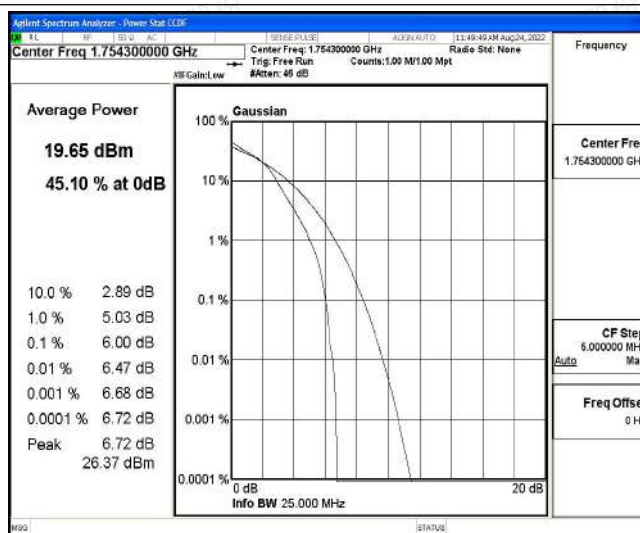


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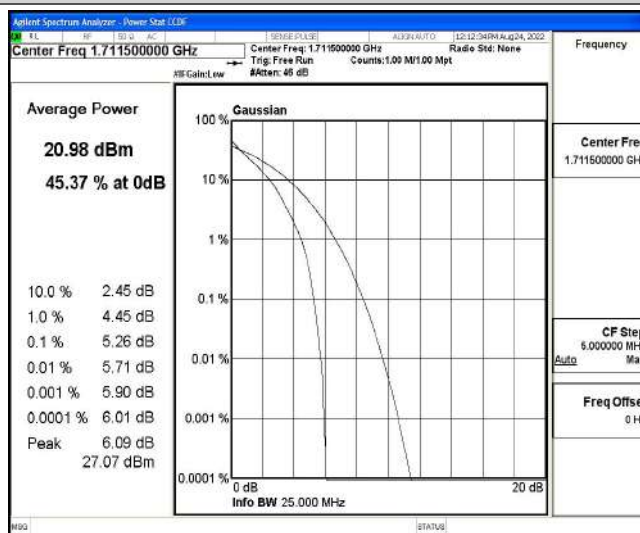
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

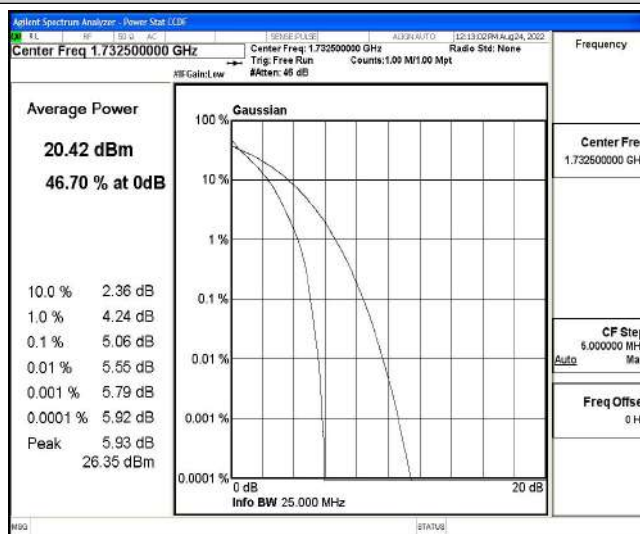
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Band4-3MHz-QPSK-19965-15RB#0



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



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

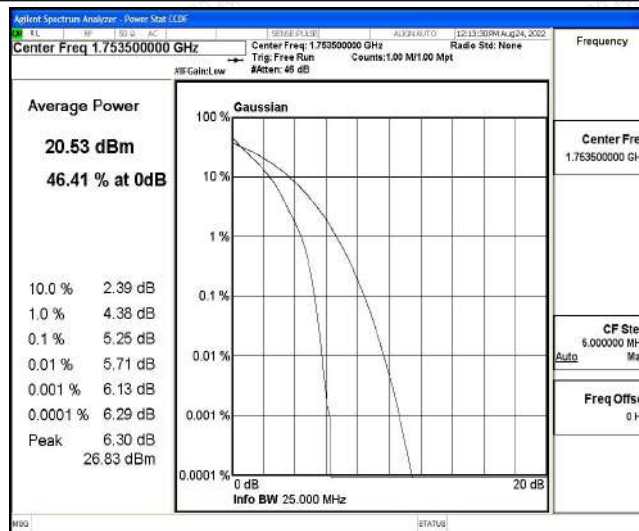


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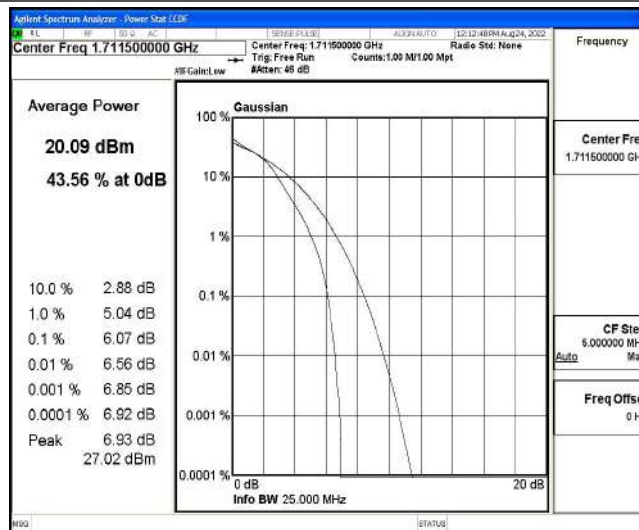
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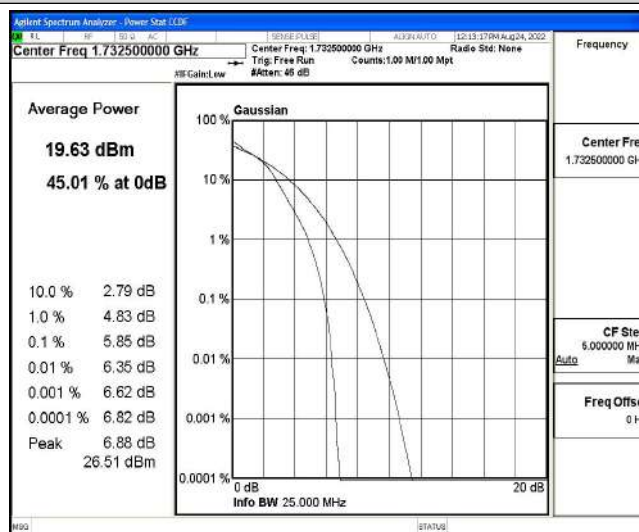
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Band4-3MHz-16QAM-19965-15RB#0



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



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

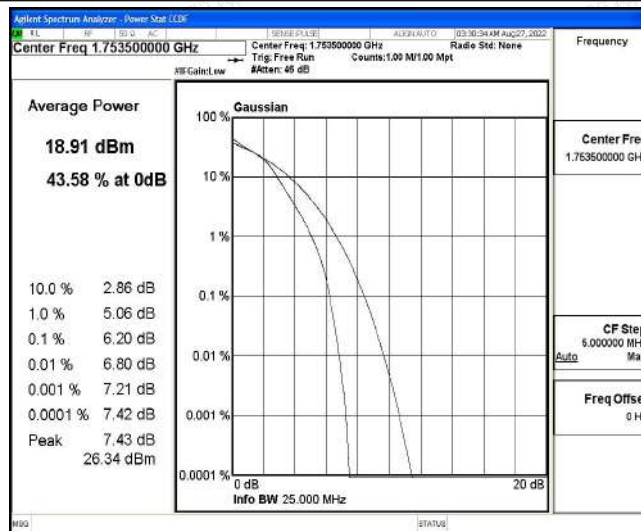


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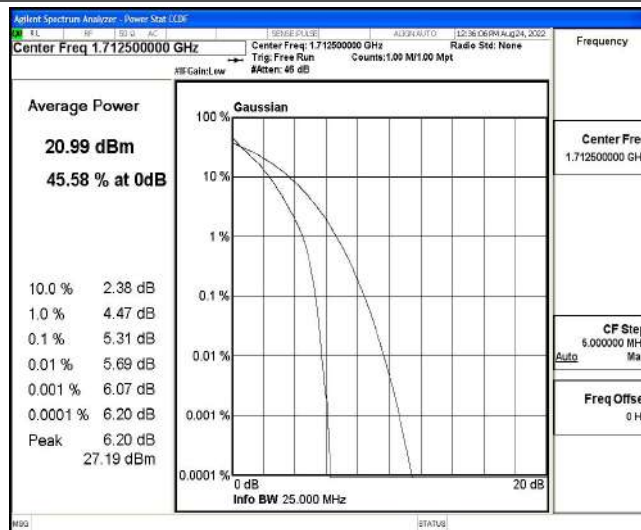
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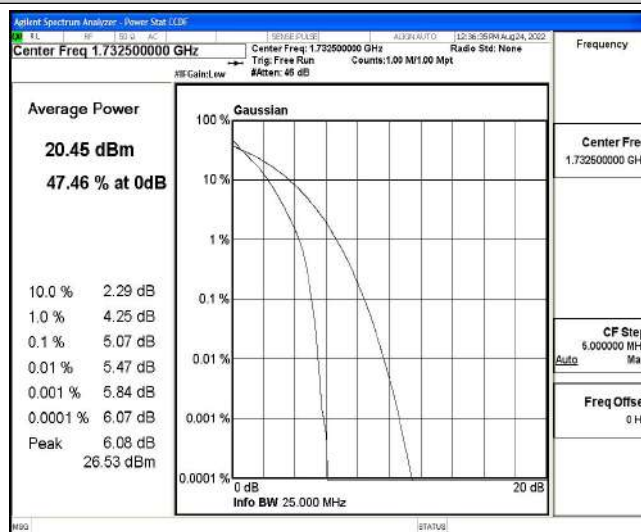
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Band4-5MHz-QPSK-19975-25RB#0



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



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

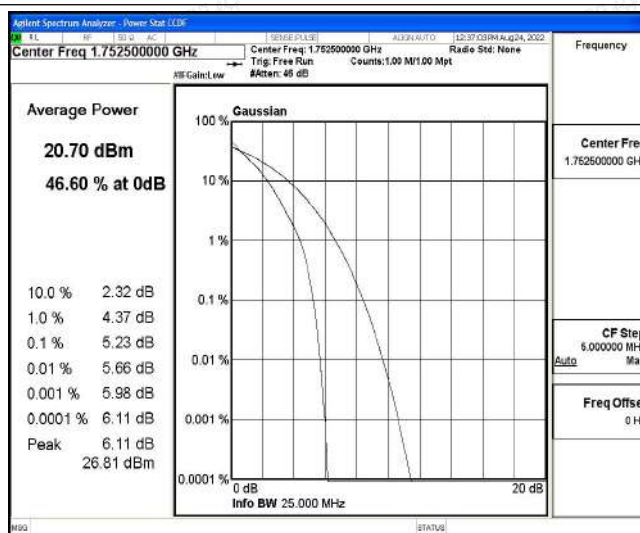


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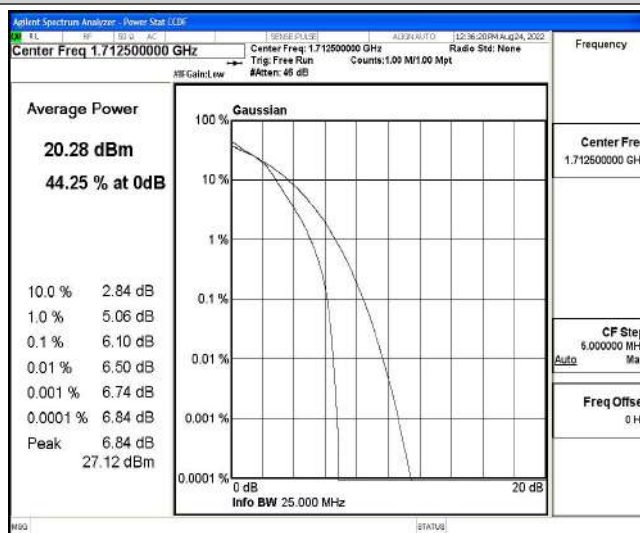
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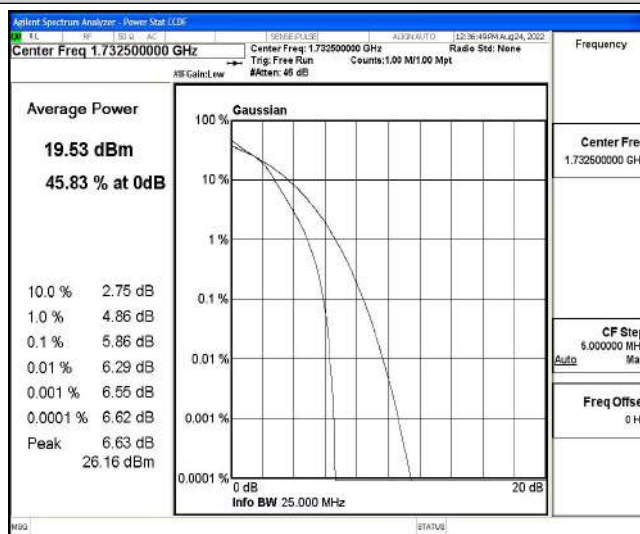
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Band4-5MHz-16QAM-19975-25RB#0



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



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

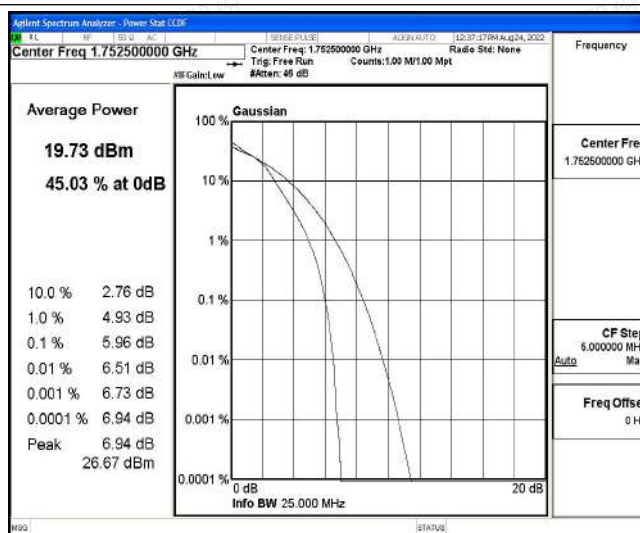


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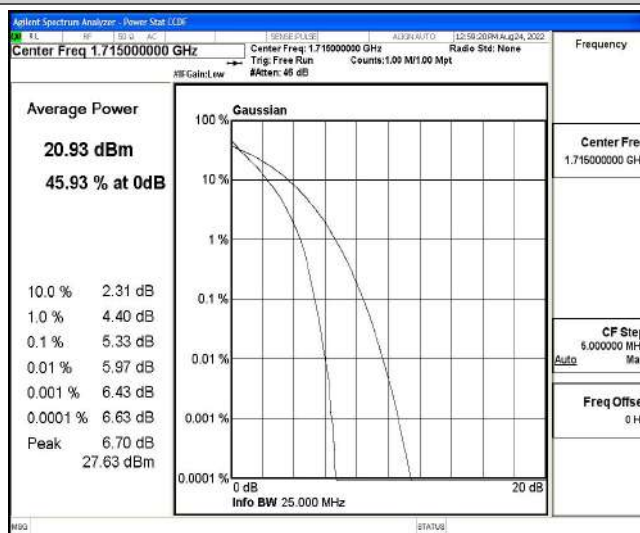
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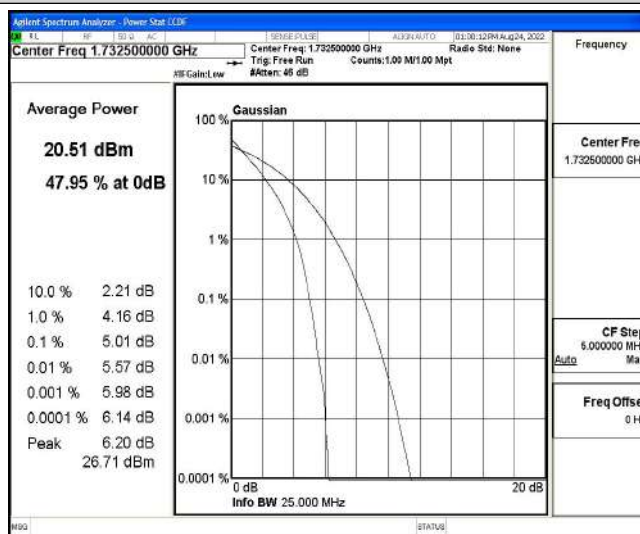
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Band4-10MHz-QPSK-20000-50RB#0



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



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

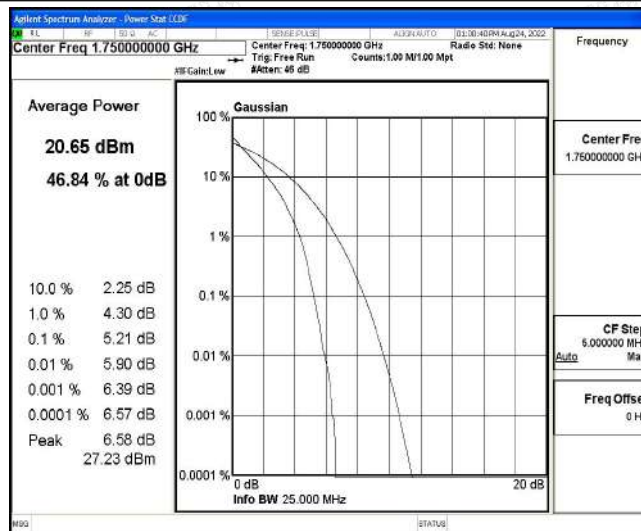


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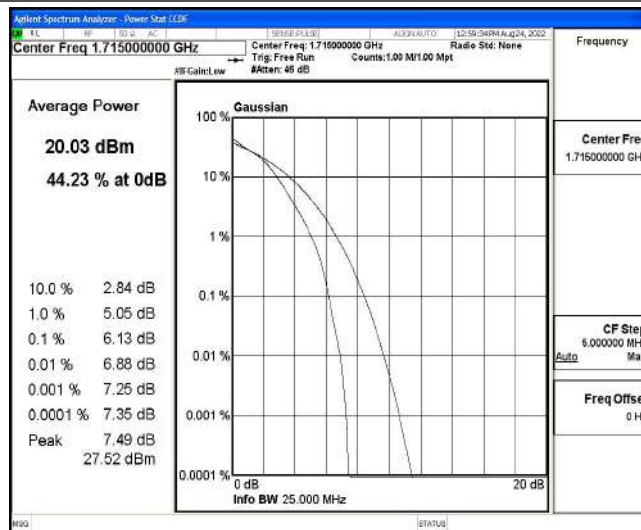
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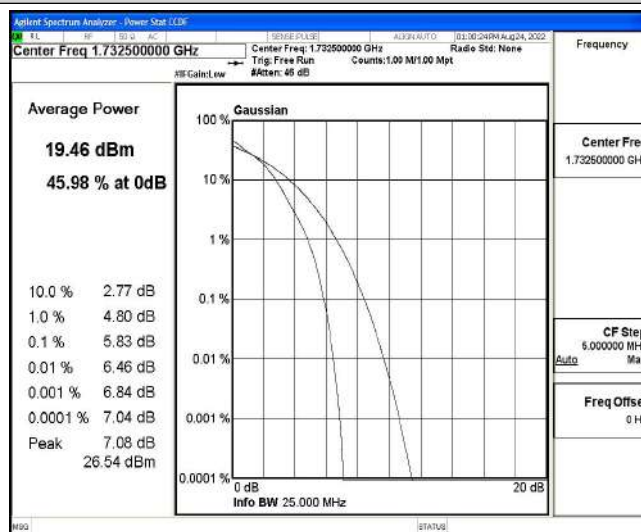
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Band4-10MHz-16QAM-20000-50RB#0



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



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

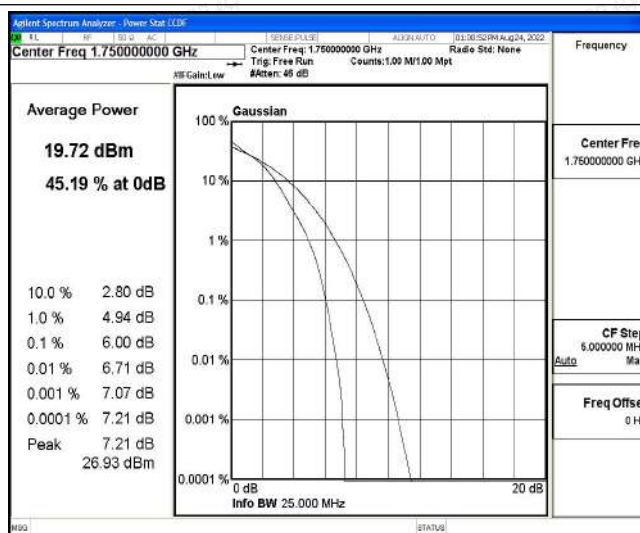


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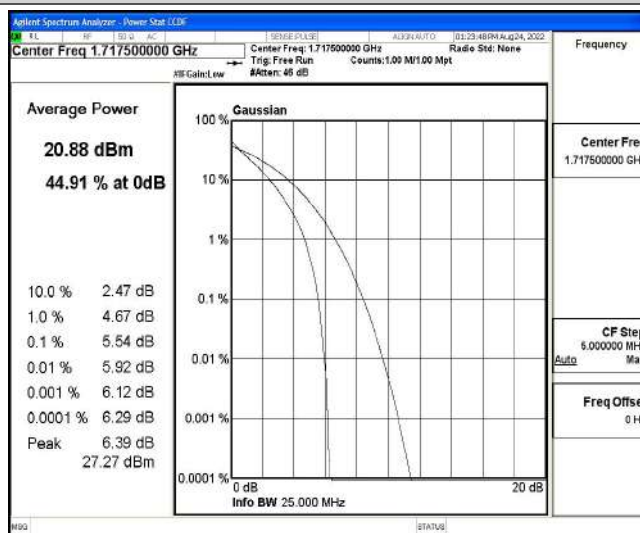
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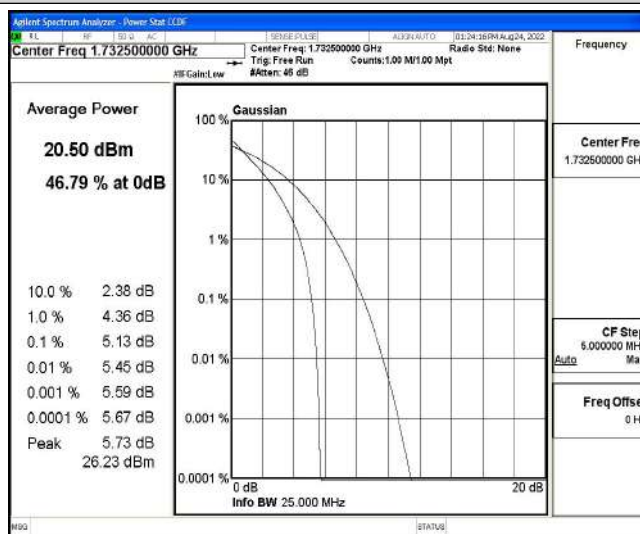
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Band4-15MHz-QPSK-20025-75RB#0



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



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

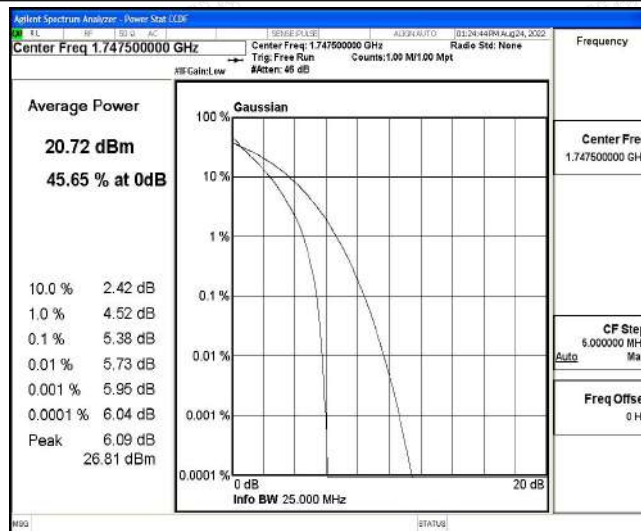


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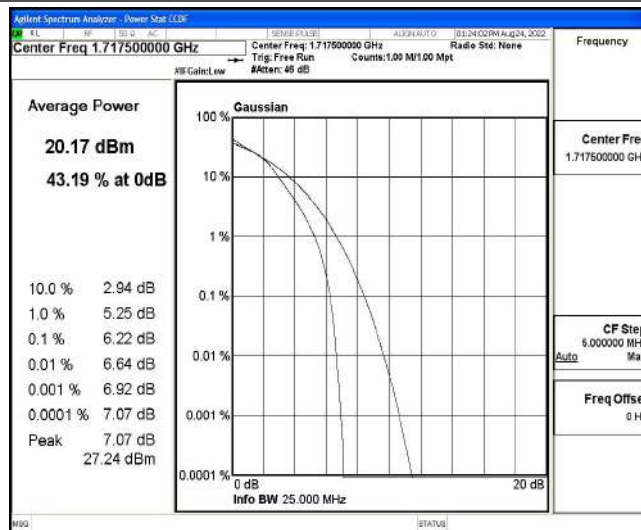
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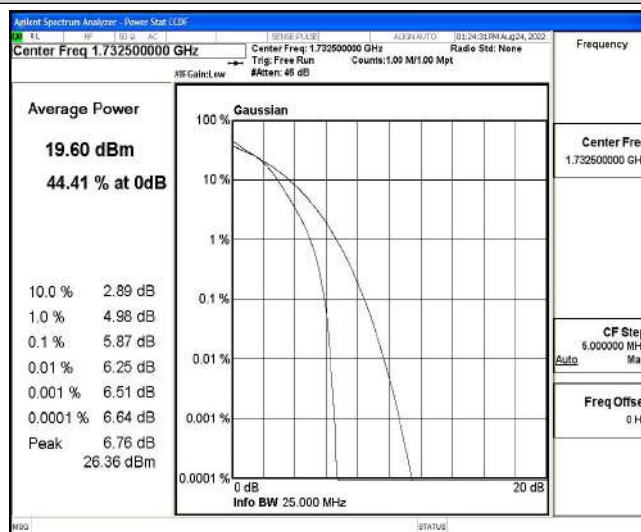
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Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20175-75RB#0



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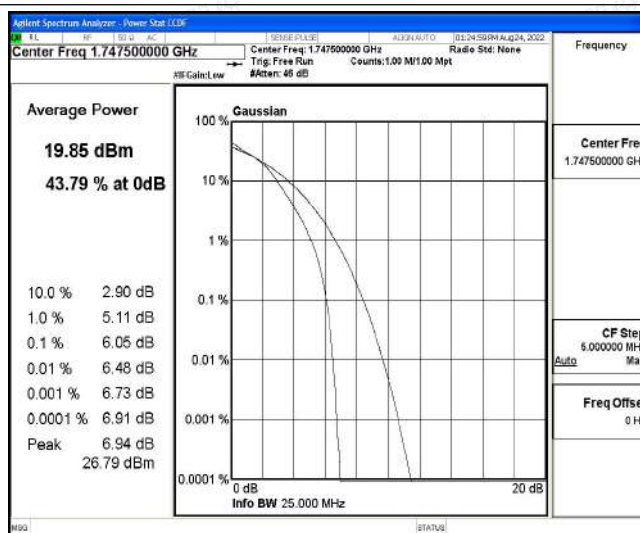


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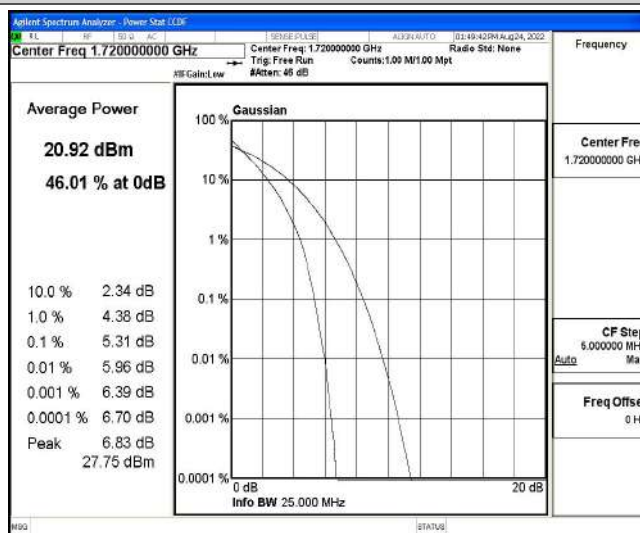
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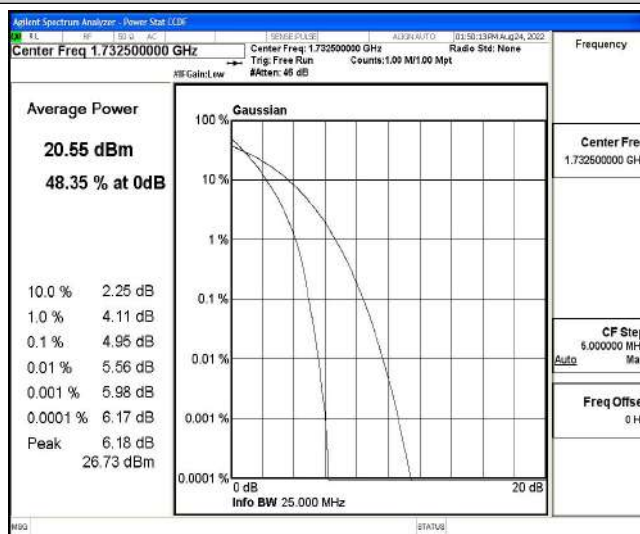
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Band4-20MHz-QPSK-20050-100RB#0



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



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

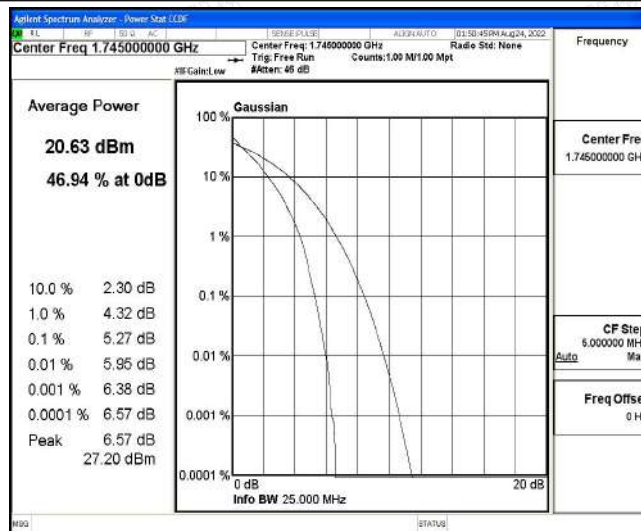


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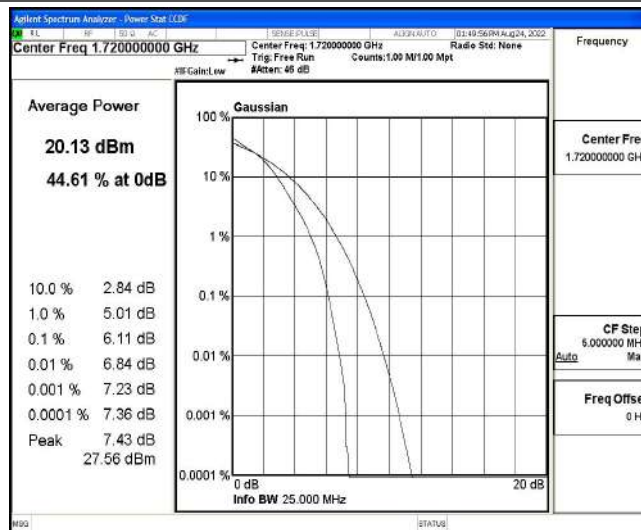
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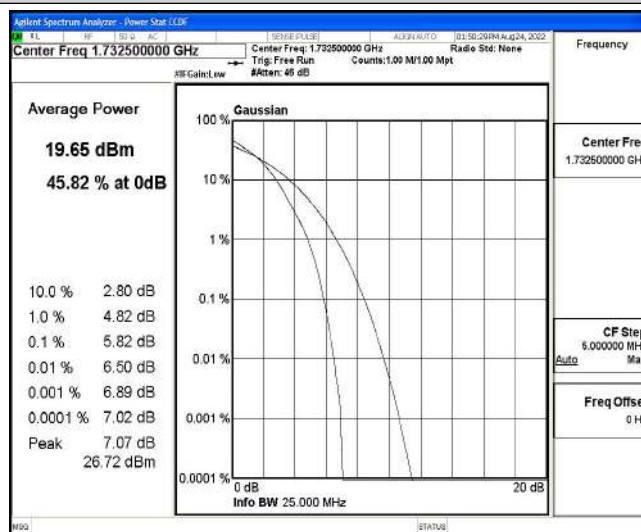
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Band4-20MHz-16QAM-20050-100RB#0



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



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

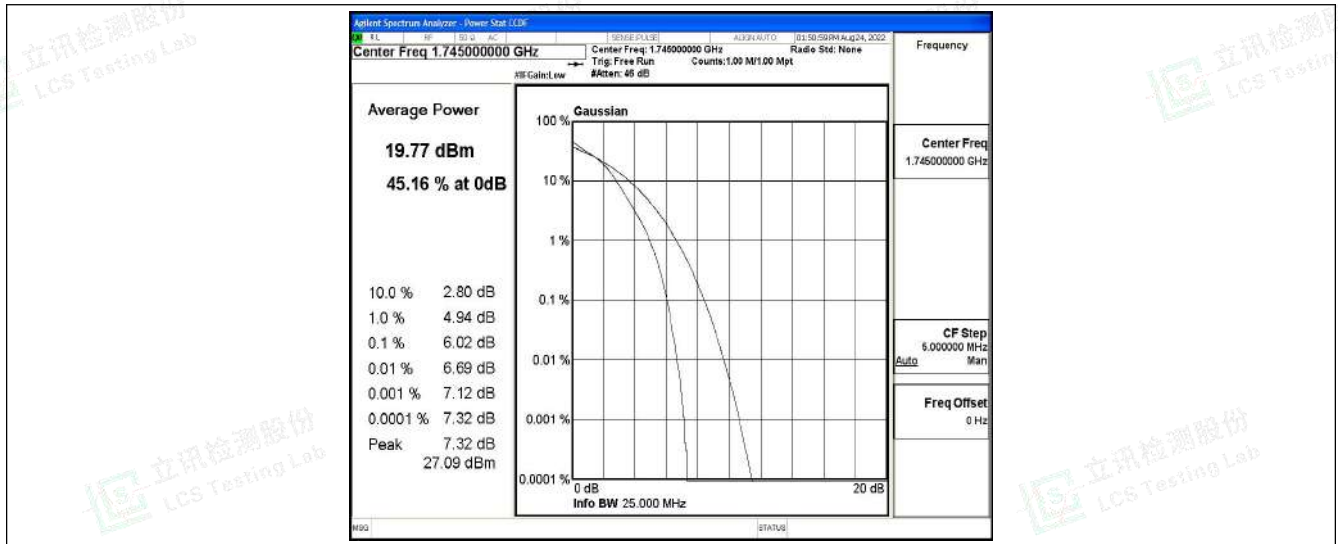


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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0965	1.302	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0925	1.295	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0937	1.271	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0970	1.297	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0915	1.286	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0890	1.297	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6934	2.973	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6946	2.940	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6974	2.956	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6914	2.935	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6832	2.965	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6919	2.969	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5123	5.018	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4995	5.000	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5016	5.018	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5027	4.985	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5030	4.982	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5051	4.991	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9687	9.931	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9411	9.841	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9588	9.770	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9488	9.790	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9669	9.794	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9659	9.838	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.462	14.86	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.416	14.67	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.429	14.76	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.490	14.74	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.384	14.58	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.451	14.79	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.956	19.50	PASS



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Band4	20MHz	QPSK	20175	100RB#0	17.839	19.32	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.952	19.68	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.955	19.66	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.851	19.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.929	19.36	PASS

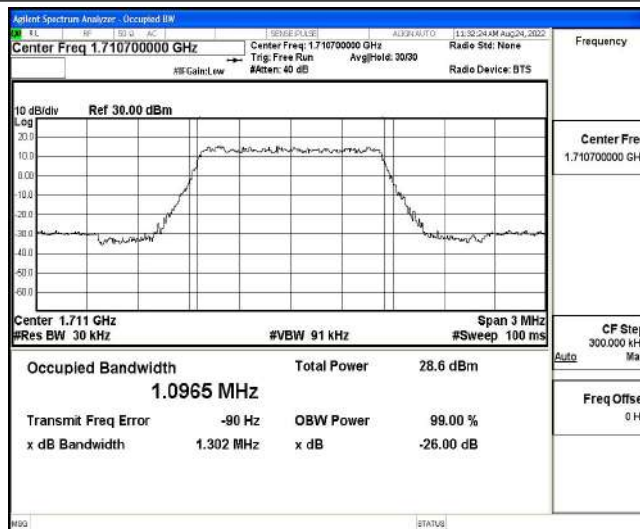


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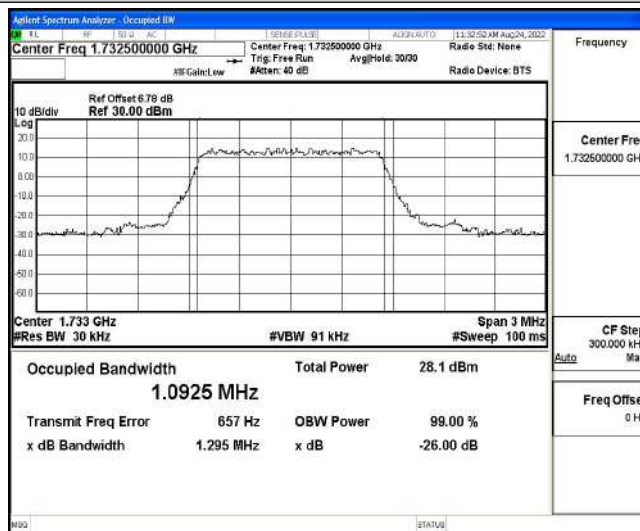


Test Graphs

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

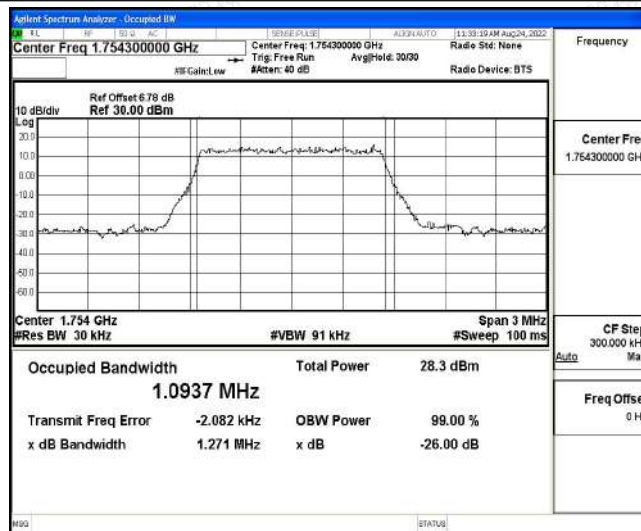


Band4-1.4MHz-QPSK-20175-6RB#0

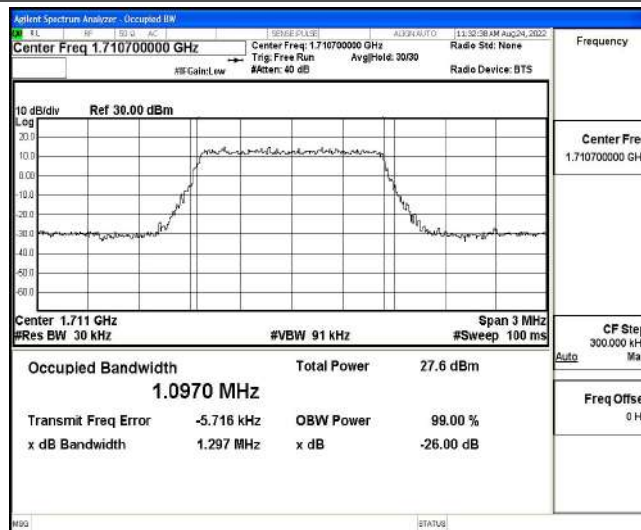


Band4-1.4MHz-QPSK-20393-6RB#0

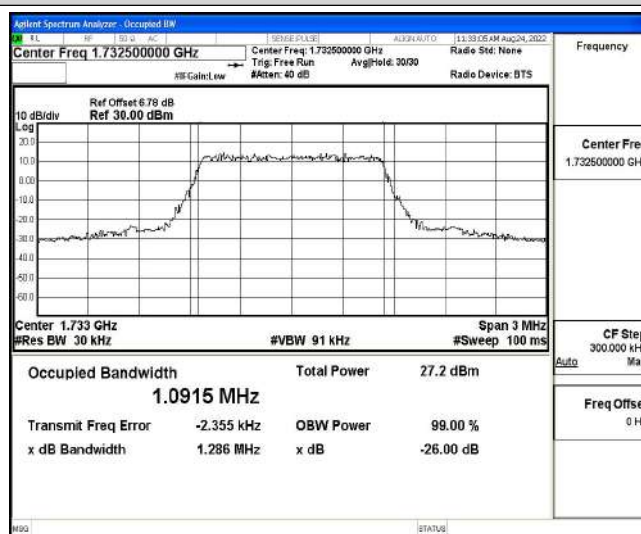




Band4-1.4MHz-16QAM-19957-6RB#0



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



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

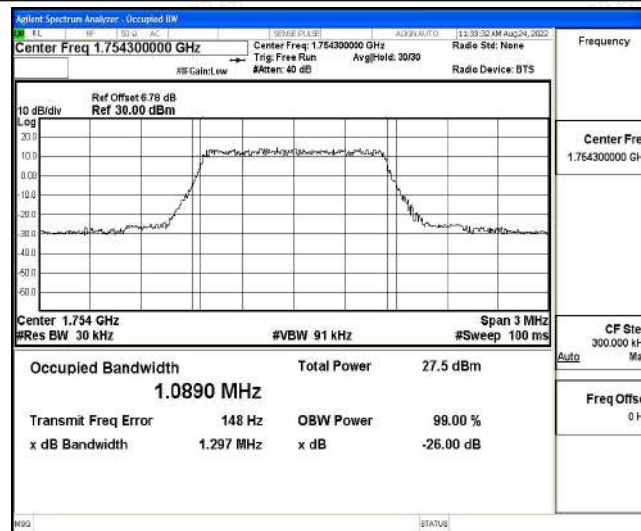


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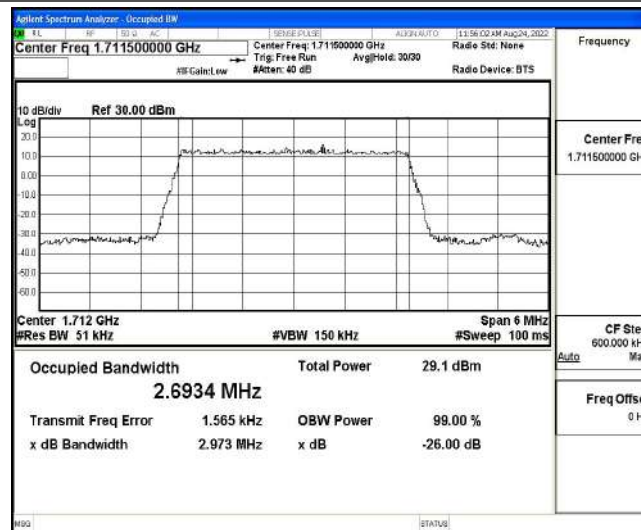
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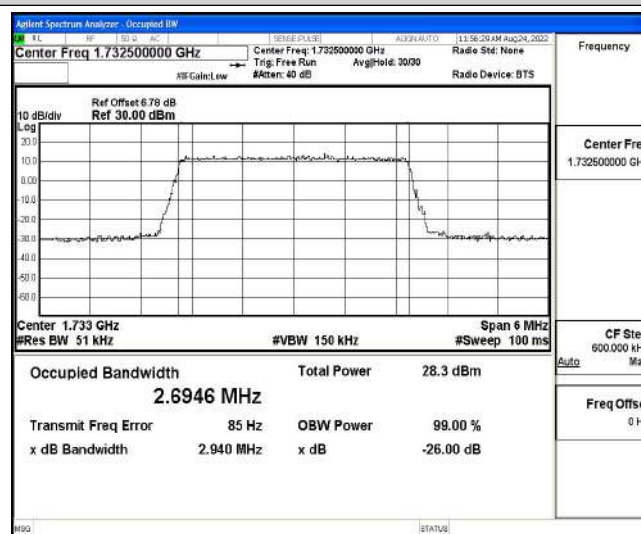
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Band4-3MHz-QPSK-19965-15RB#0



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



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

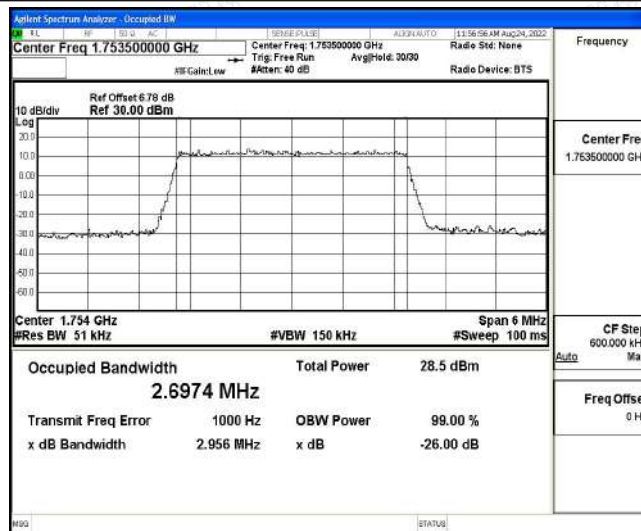


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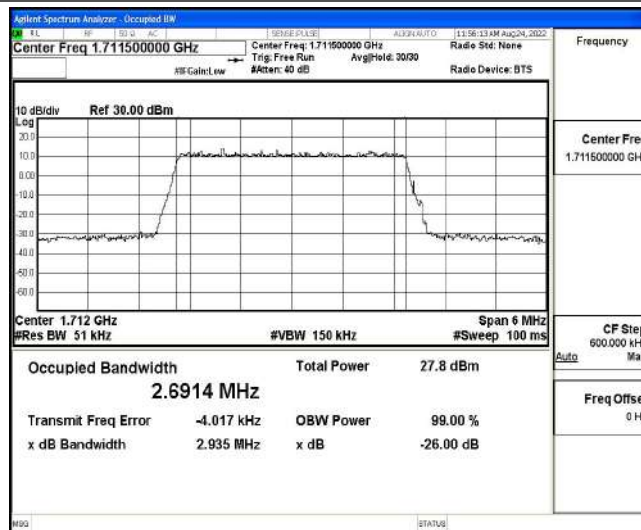
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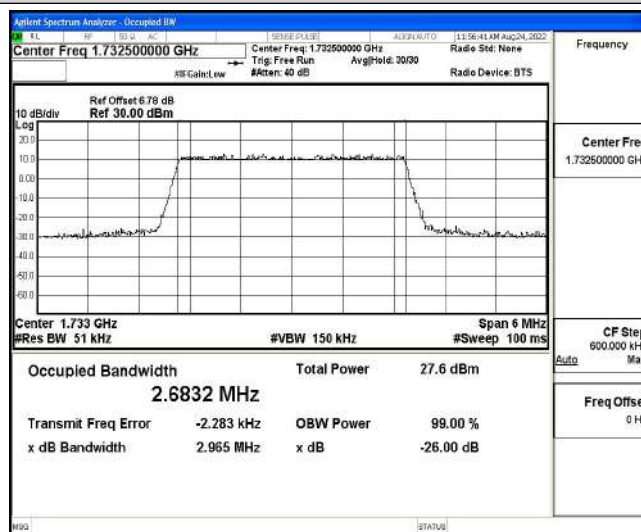
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Band4-3MHz-16QAM-19965-15RB#0



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



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

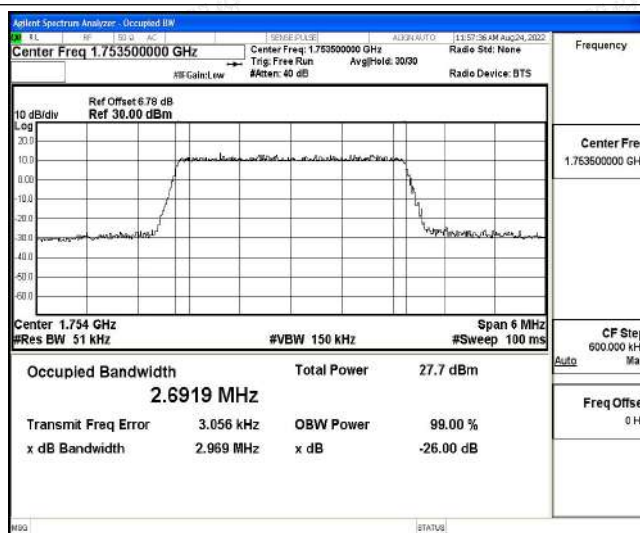


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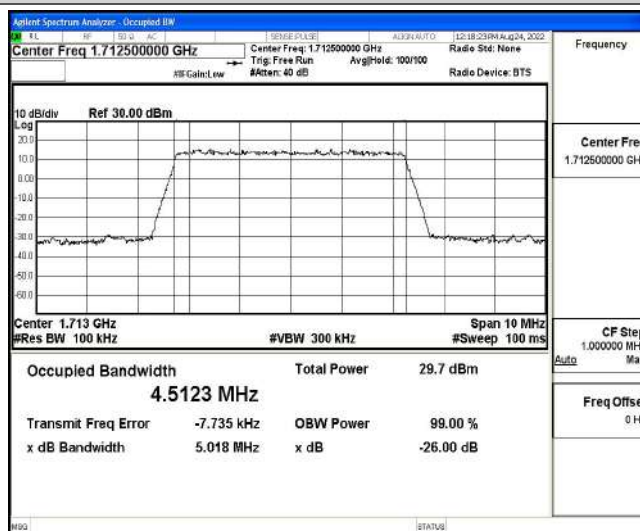
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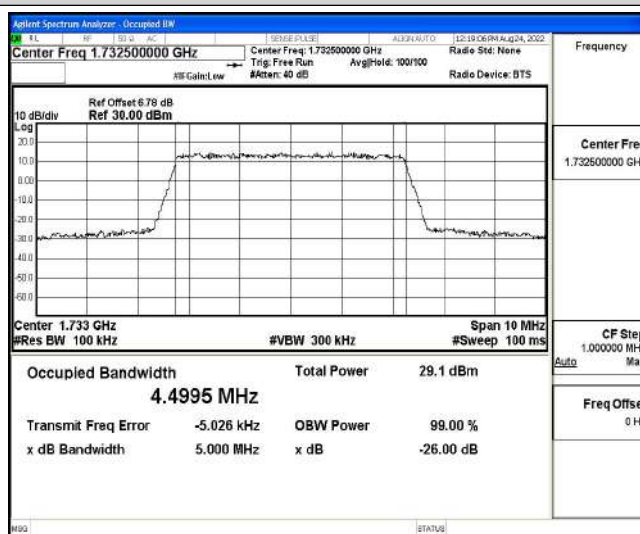
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Band4-5MHz-QPSK-19975-25RB#0



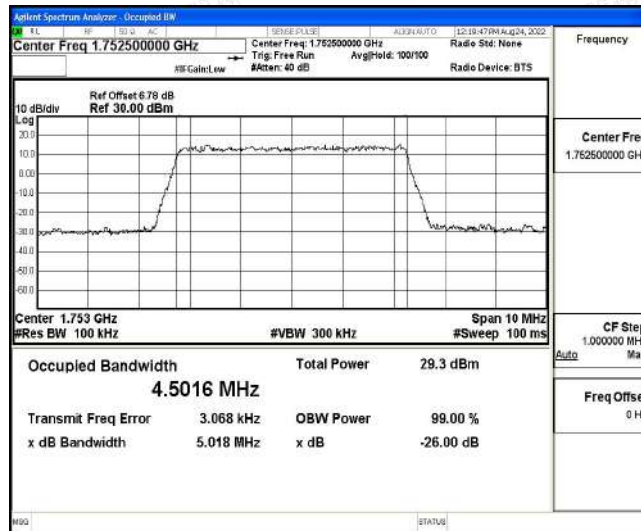
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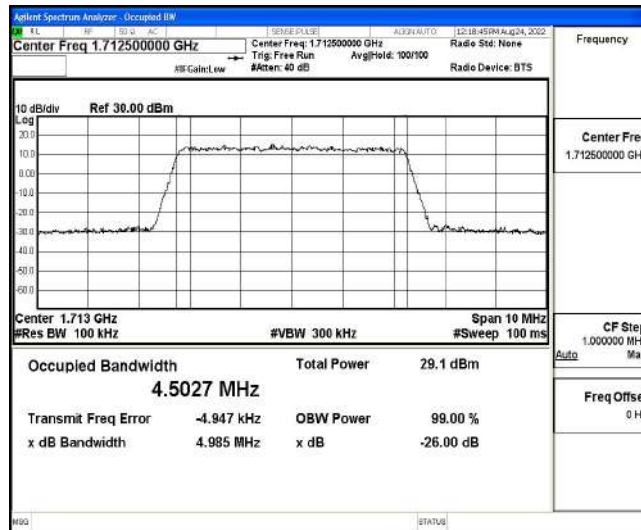
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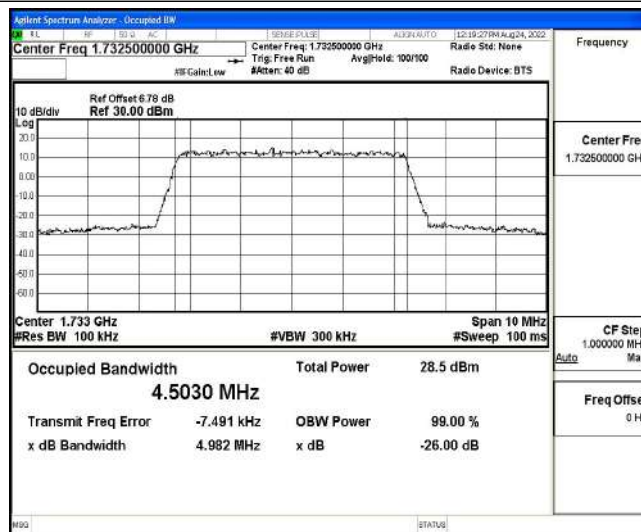
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Band4-5MHz-16QAM-19975-25RB#0



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



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

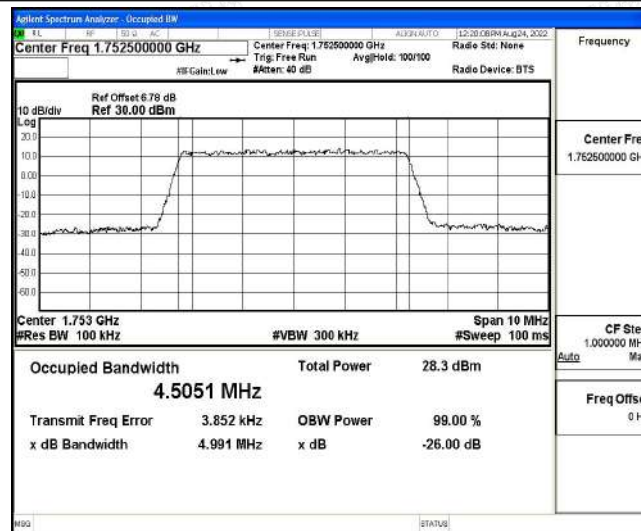


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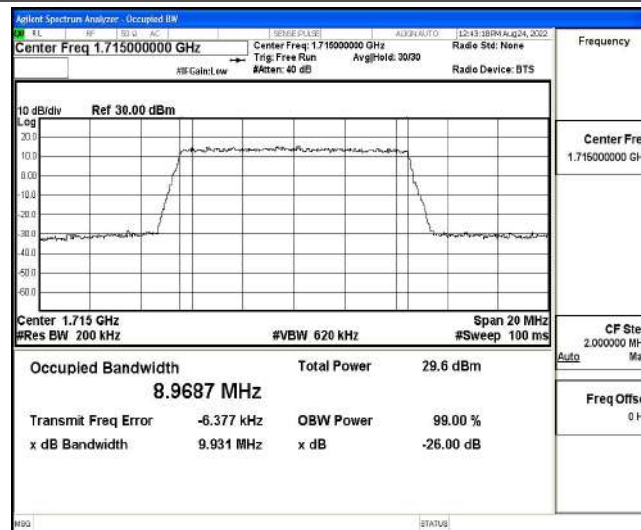
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Band4-10MHz-QPSK-20000-50RB#0



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



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

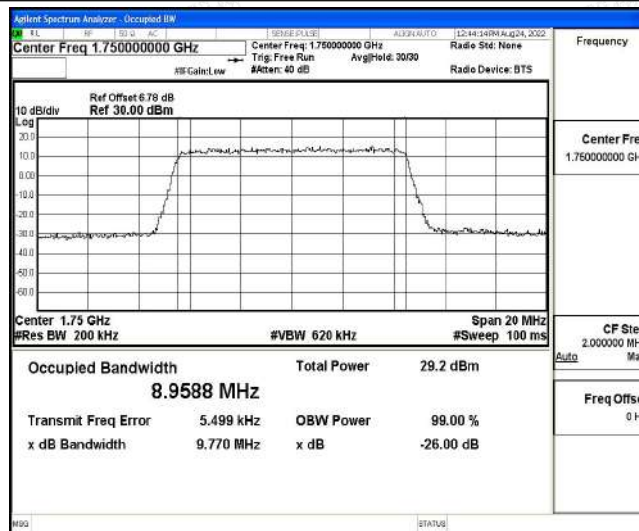


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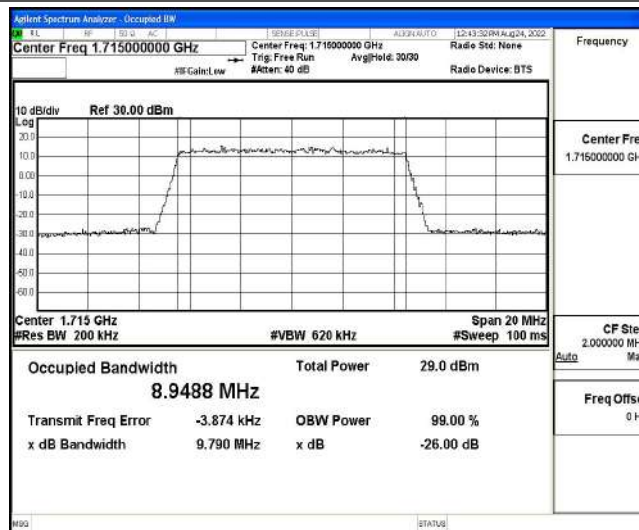
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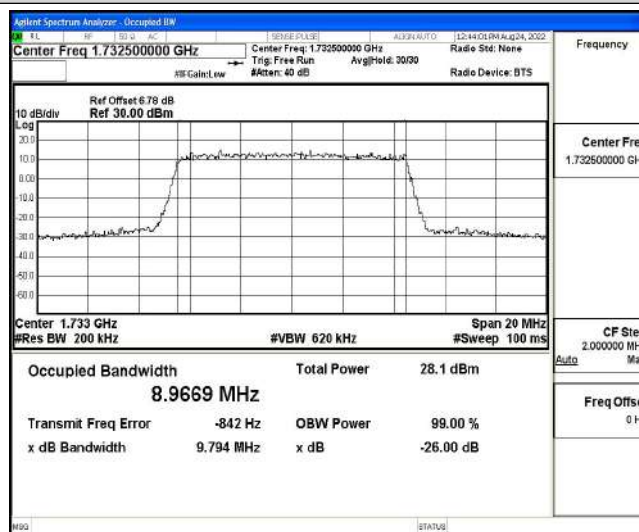
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Band4-10MHz-16QAM-20175-50RB#0



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

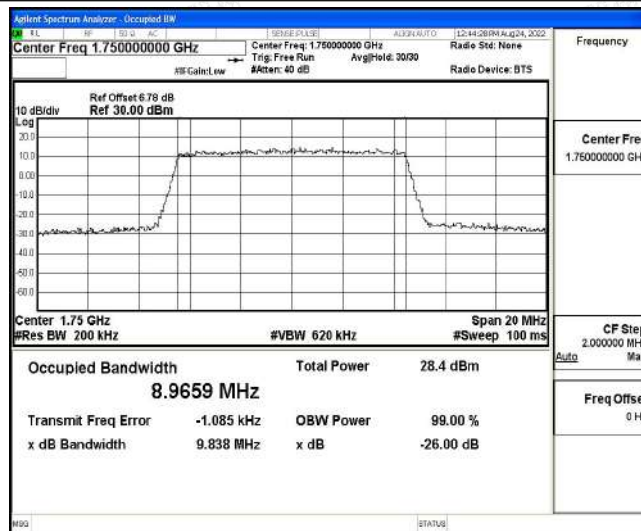


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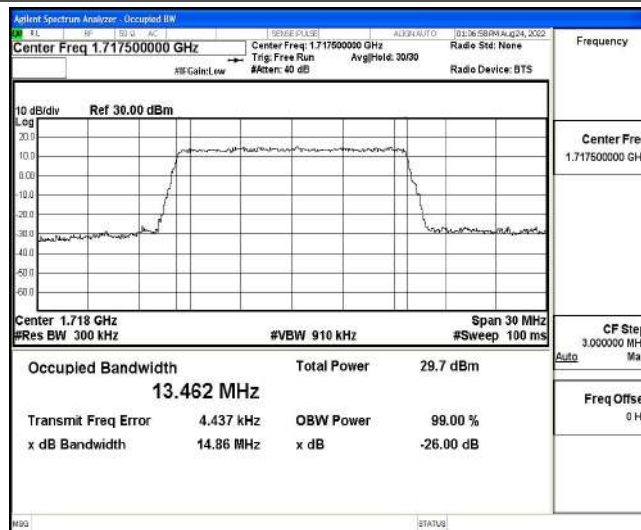
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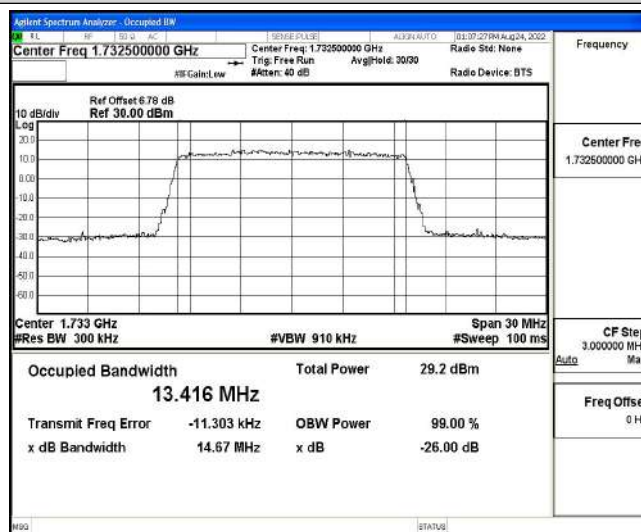
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Band4-15MHz-QPSK-20025-75RB#0

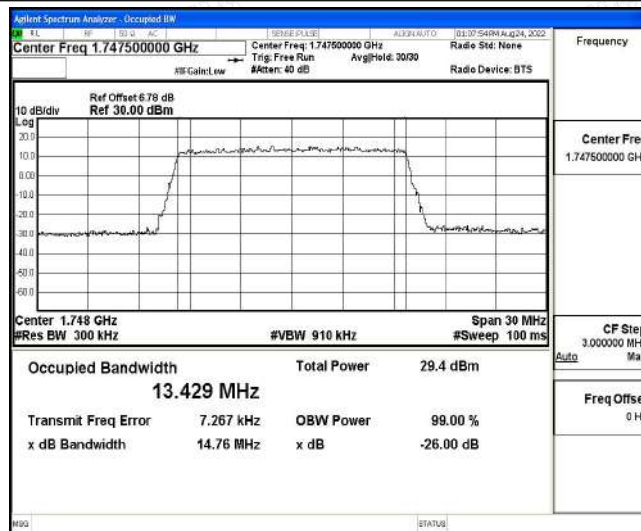


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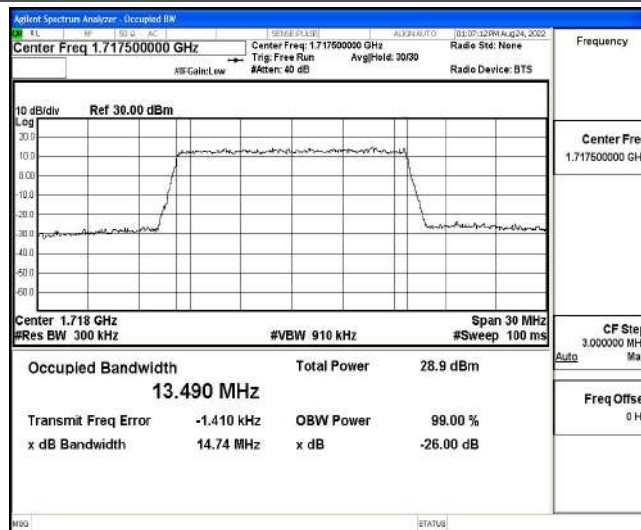


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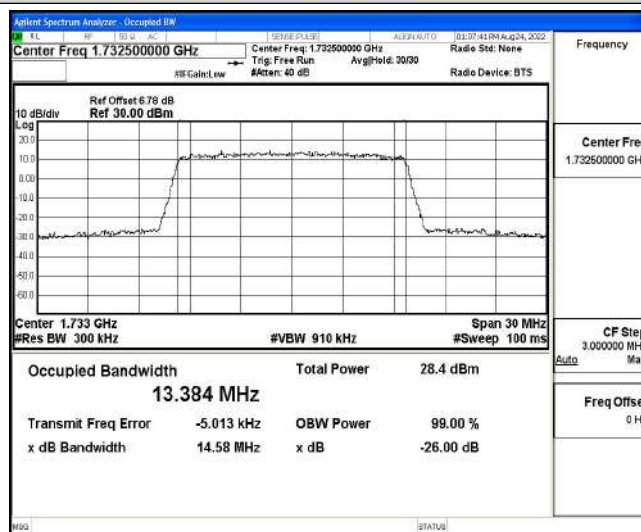




Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20175-75RB#0



Band4-15MHz-16QAM-20325-75RB#0

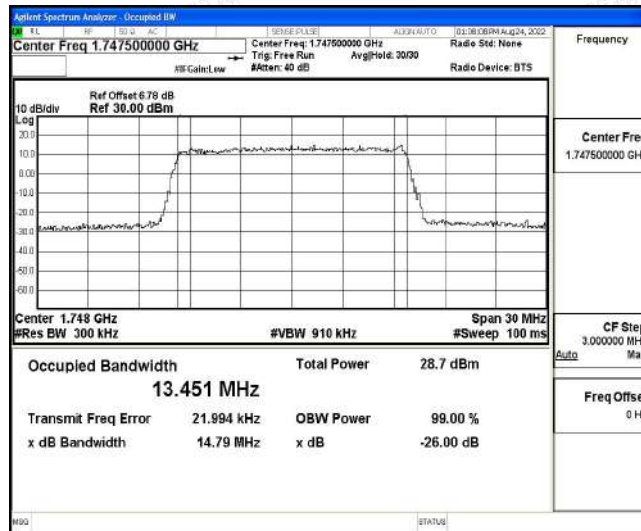


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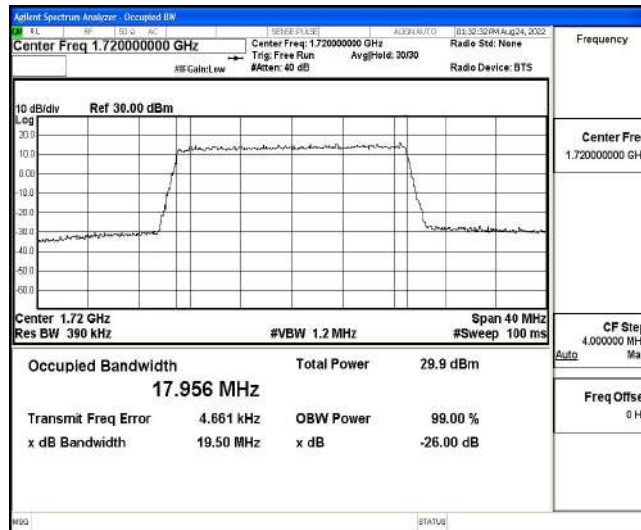
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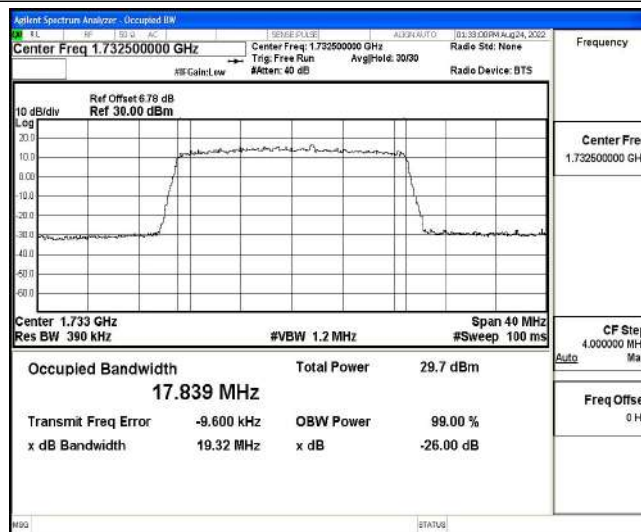
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Band4-20MHz-QPSK-20050-100RB#0



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



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

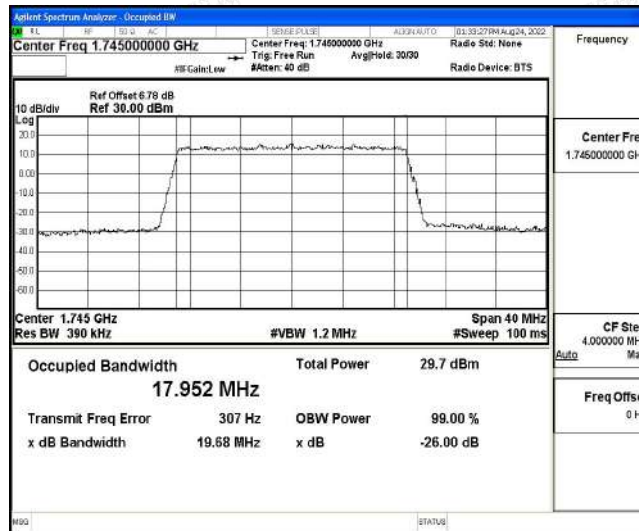


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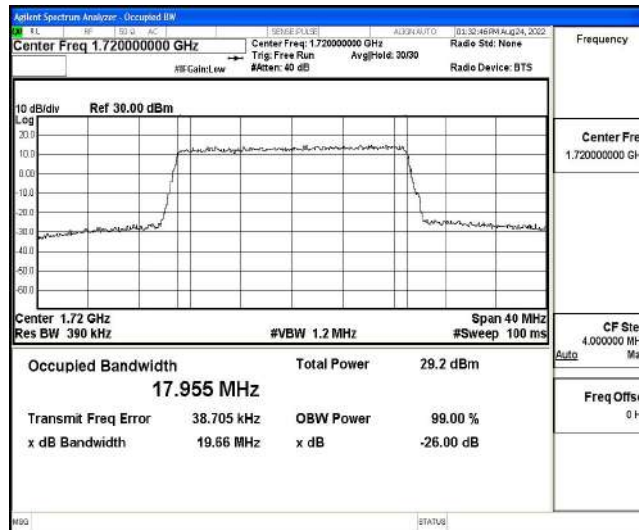
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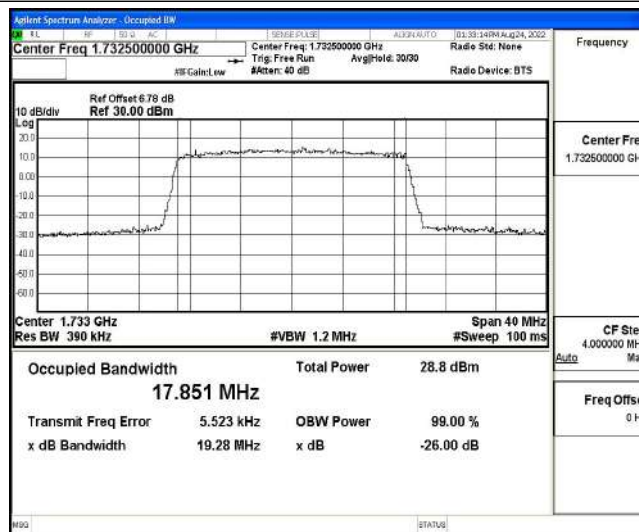
Scan code to check authenticity



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



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



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

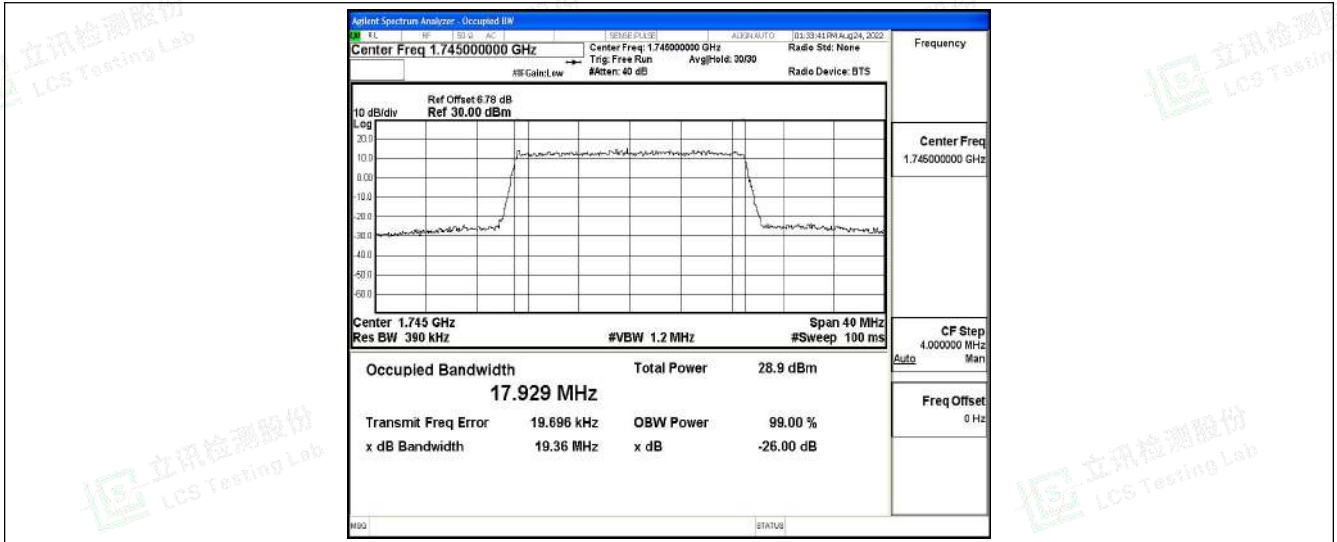


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D.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-29.23	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.80	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.07	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.64	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.49	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	-28.24	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.66	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.77	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.90	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.73	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.26	PASS
Band4	10MHz	QPSK	20350	50RB#0	-30.41	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.92	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.08	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.78	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.35	PASS
Band4	15MHz	16QAM	20025	75RB#0	-34.33	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.80	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.85	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.94	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.31	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.61	PASS



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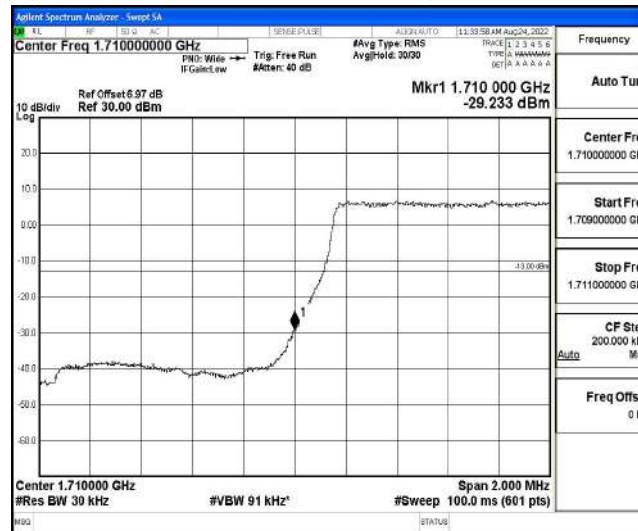
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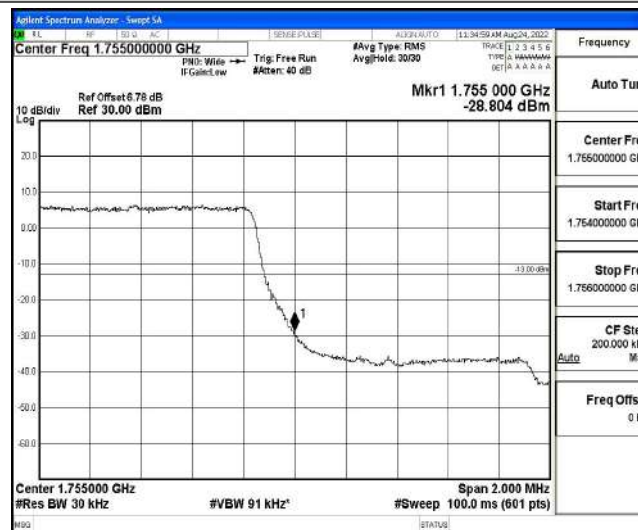


Test Graphs

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



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



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

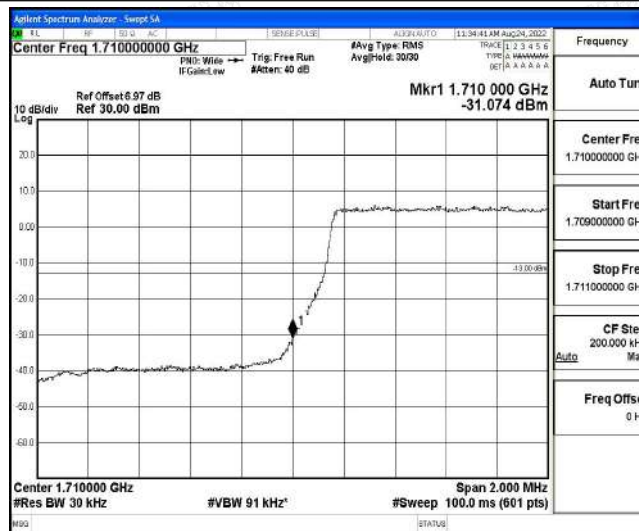


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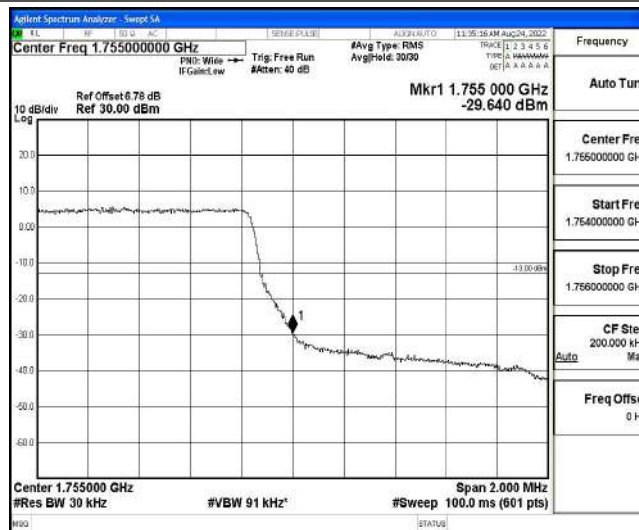
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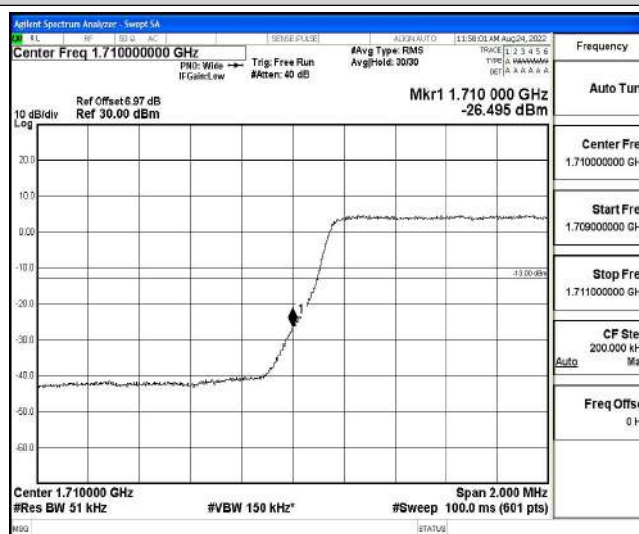
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Band4-1.4MHz-16QAM-20393-6RB#0



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



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

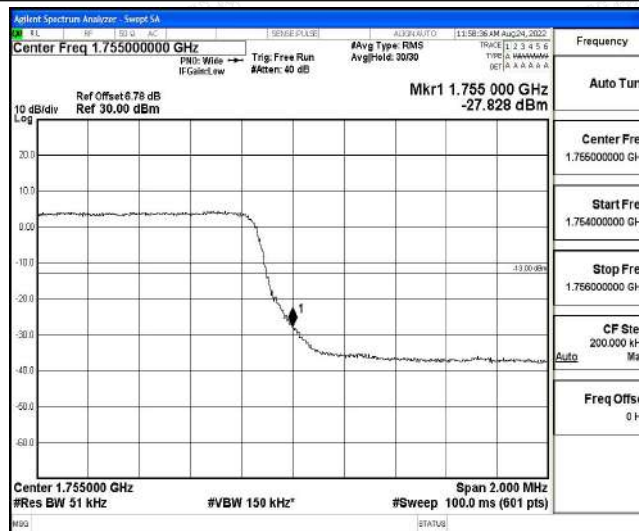


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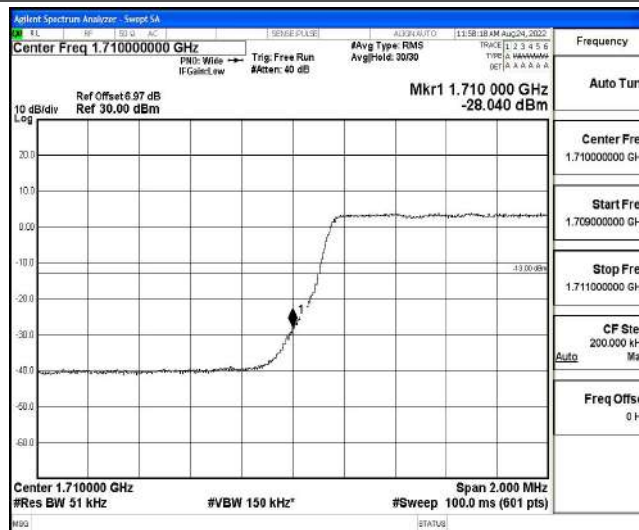
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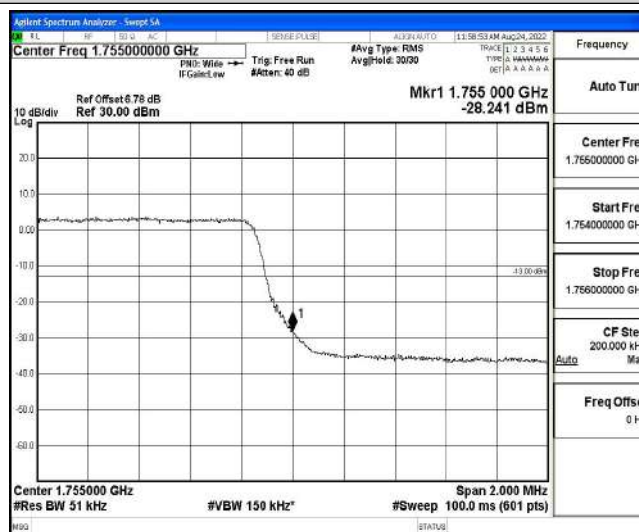
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Band4-3MHz-16QAM-19965-15RB#0



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



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

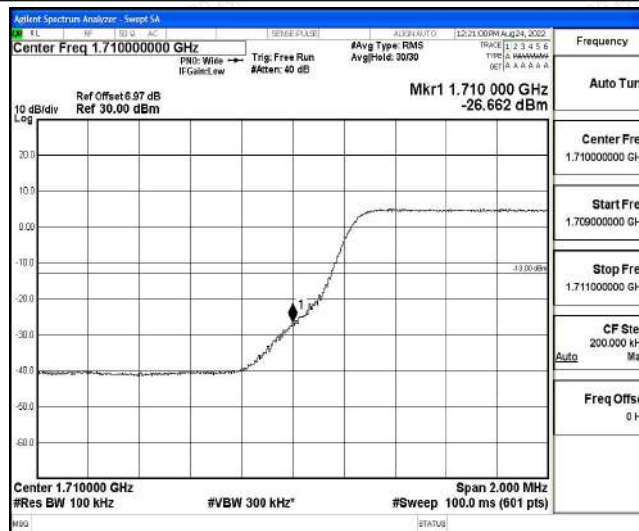


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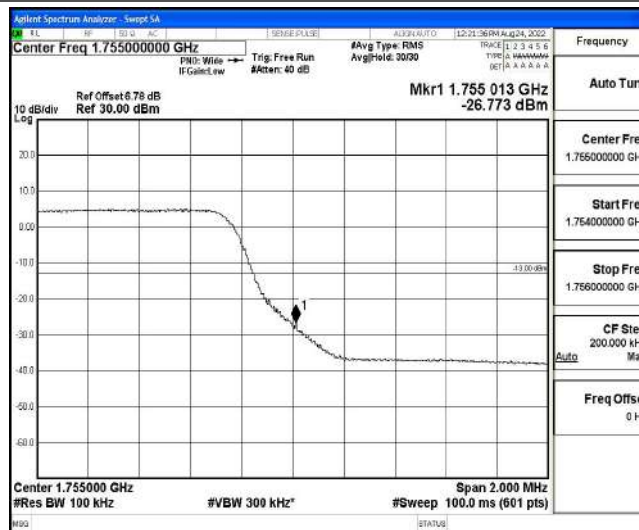
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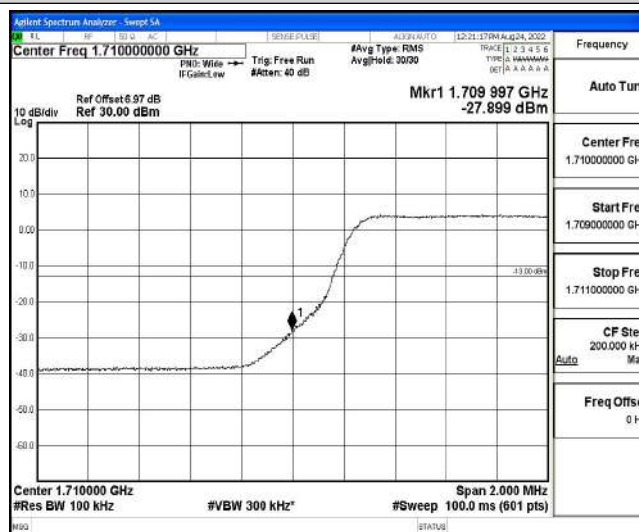
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Band4-5MHz-QPSK-20375-25RB#0



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



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

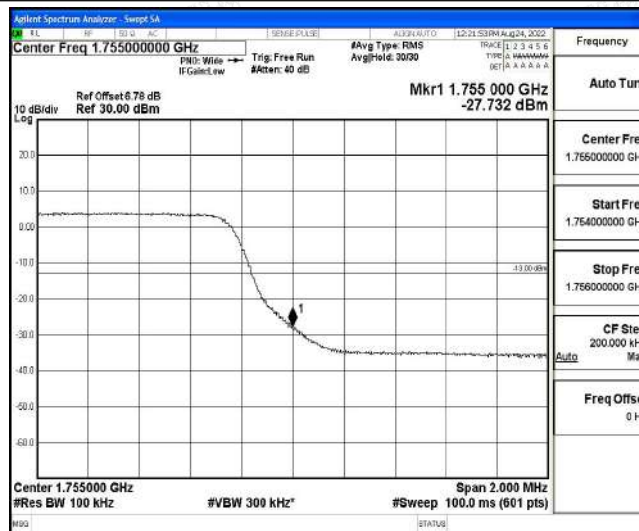


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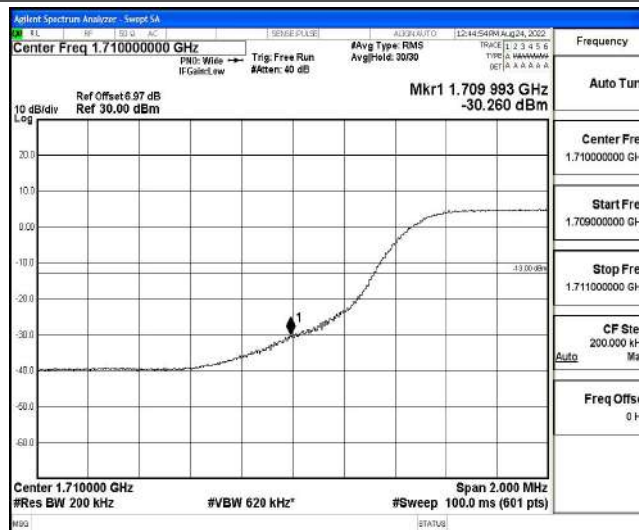
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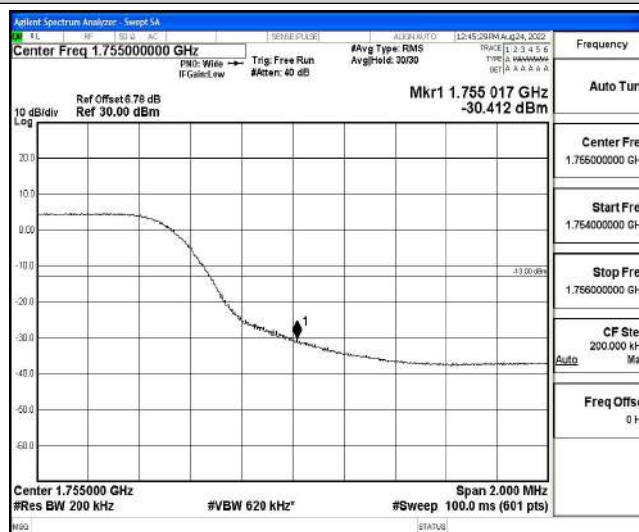
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Band4-10MHz-QPSK-20000-50RB#0



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



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

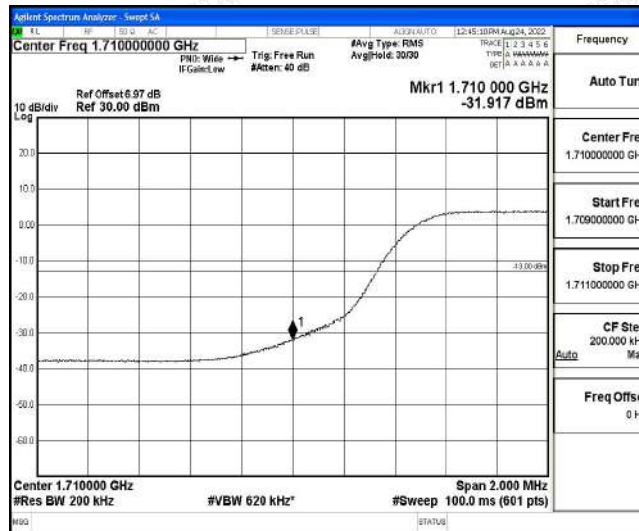


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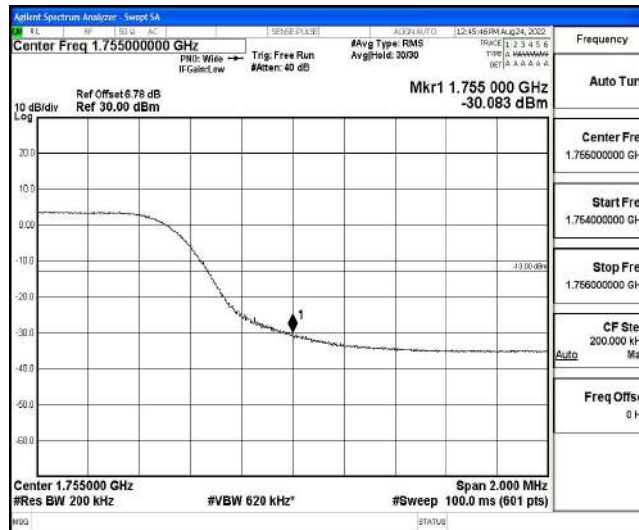
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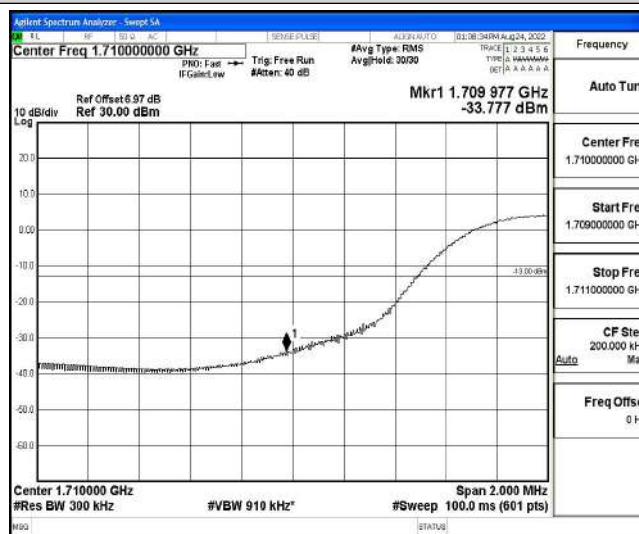
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Band4-10MHz-16QAM-20350-50RB#0



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



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

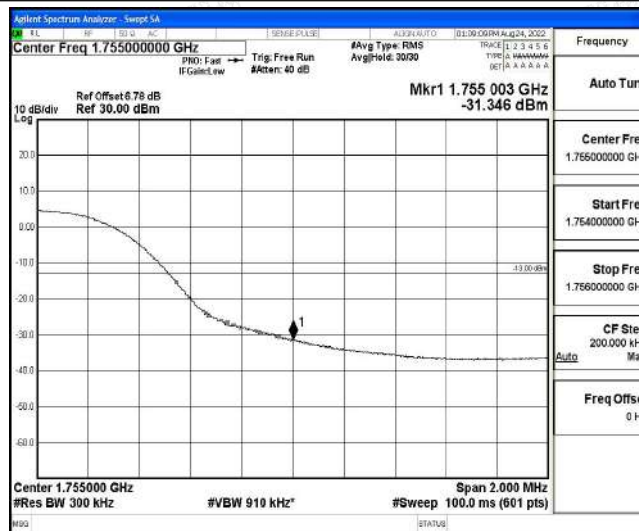


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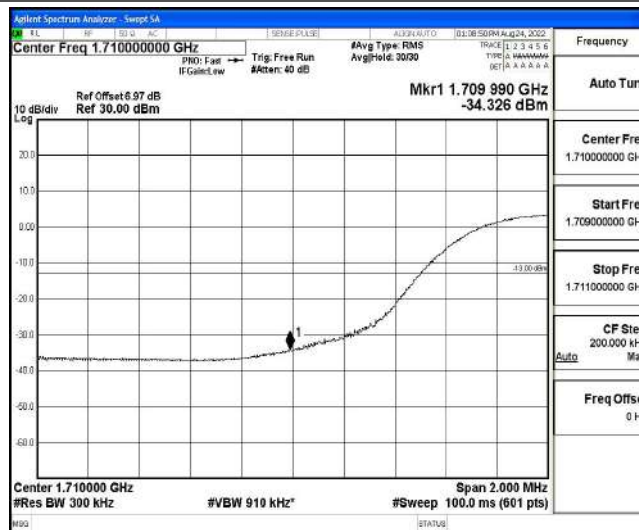
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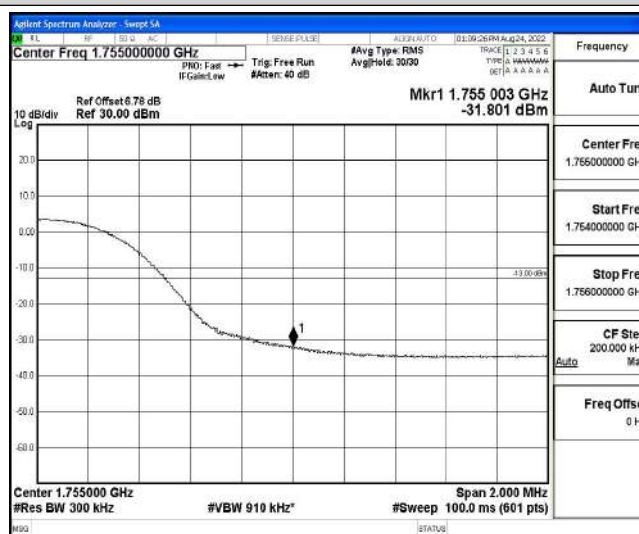
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Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-75RB#0



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

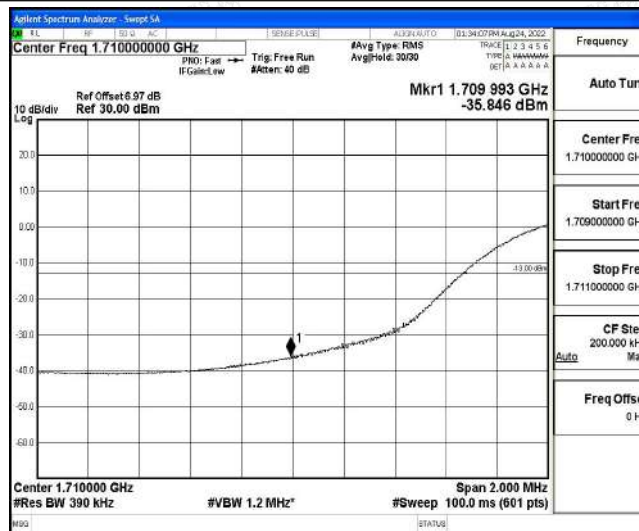


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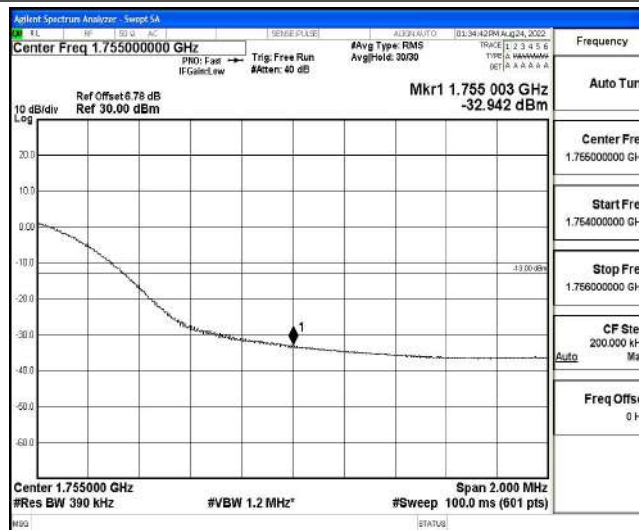
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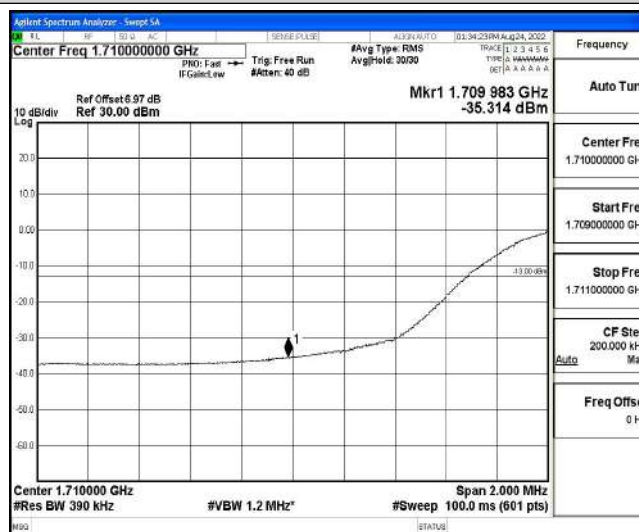
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Band4-20MHz-QPSK-20300-100RB#0



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



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

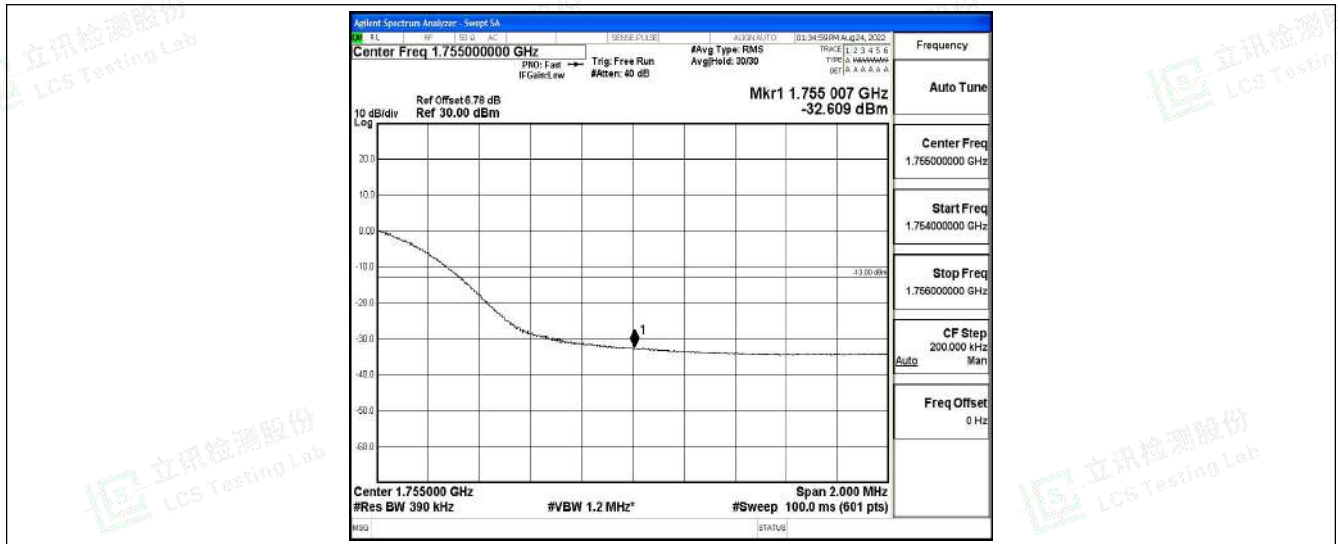


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D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-52.07	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-52.84	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-42.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.43	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.37	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.4	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.1	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-55.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-52.69	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-42.12	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-33.06	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-54.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-33.1	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.64	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-32.89	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-56.24	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-51.6	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-42.92	PASS



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Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-33.16	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-57.4	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.04	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.18	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-54.6	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-51.57	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-41.58	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-33.2	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-54.62	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-52.02	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-41.73	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-33.03	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.52	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.15	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.02	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-54.64	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-49.14	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-42.45	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.04	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-55.93	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-52.25	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-41.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-33.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.37	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.17	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-55.47	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-49.5	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.31	PASS



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Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-54.68	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-41.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.67	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.2	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.91	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-54.52	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-50.96	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-42.1	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-49.93	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-40.81	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.59	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.72	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.71	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-56.06	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-49.91	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-42.63	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-33.11	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-54.61	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-51.3	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-33.02	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.21	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.23	PASS



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Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.08	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-56.05	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-50.05	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.12	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-53.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-33.2	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.7	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.06	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-56.54	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-42.26	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-56.56	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-51.57	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.16	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.97	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-51.36	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-42.25	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-54.98	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-49.99	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-41.95	PASS



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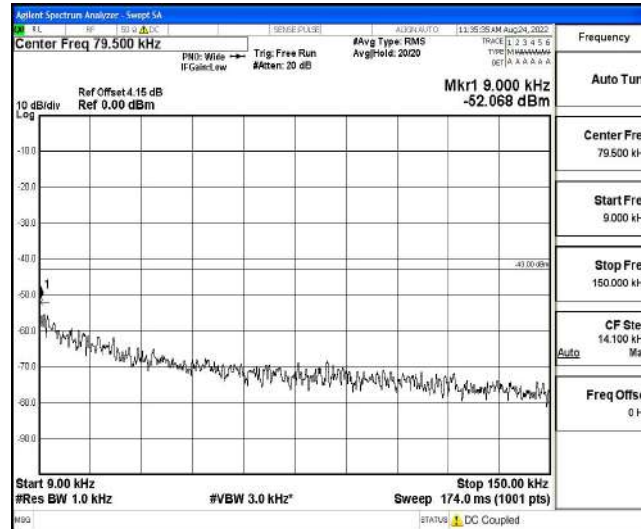
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.25	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.79	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.5	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-52.2	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-50.38	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-42.16	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.21	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.99	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-56.62	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-50.89	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-41.52	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-33.02	PASS



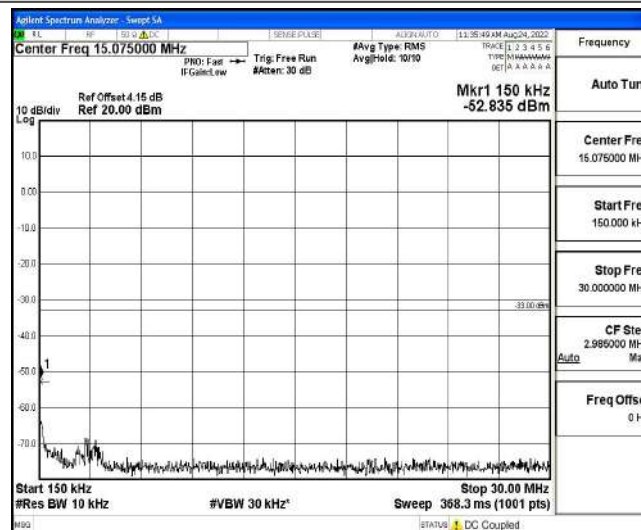


Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz

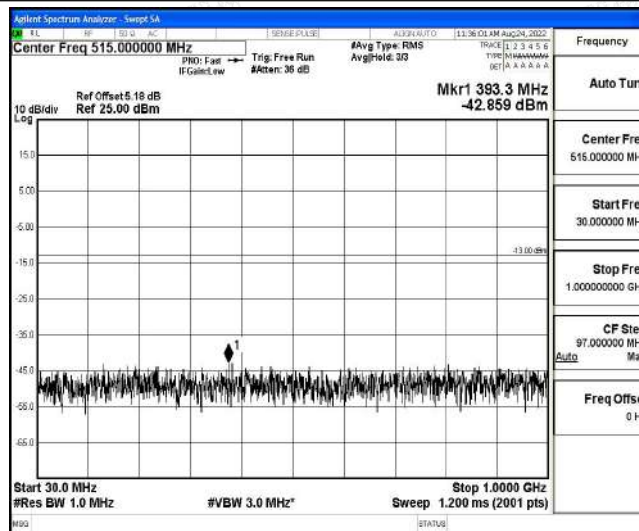


Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz

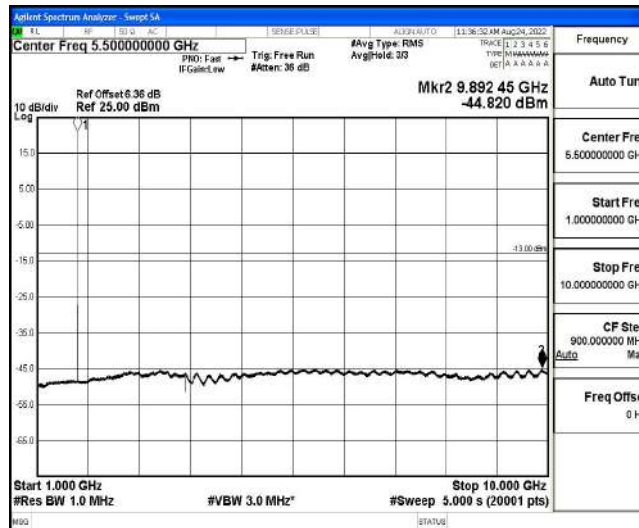


Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz

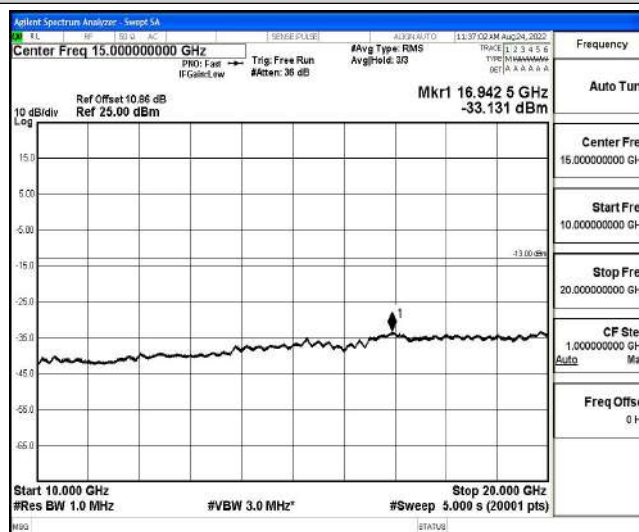




Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~10000MHz

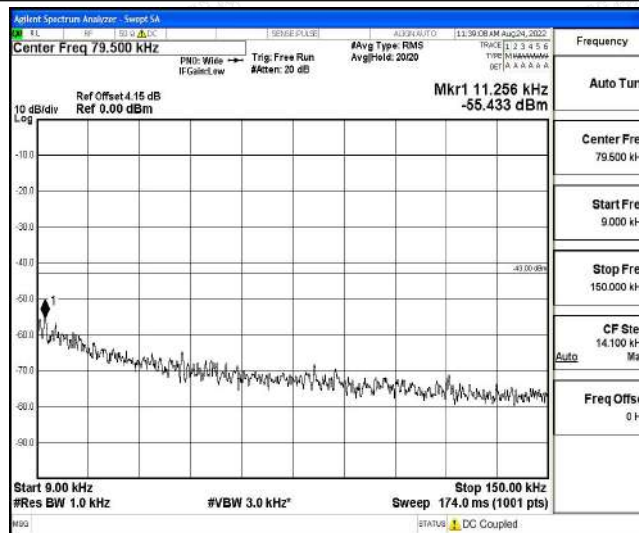


Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz

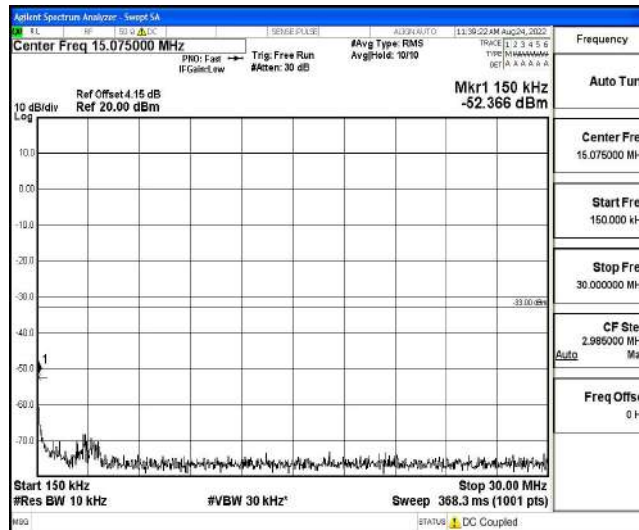


Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

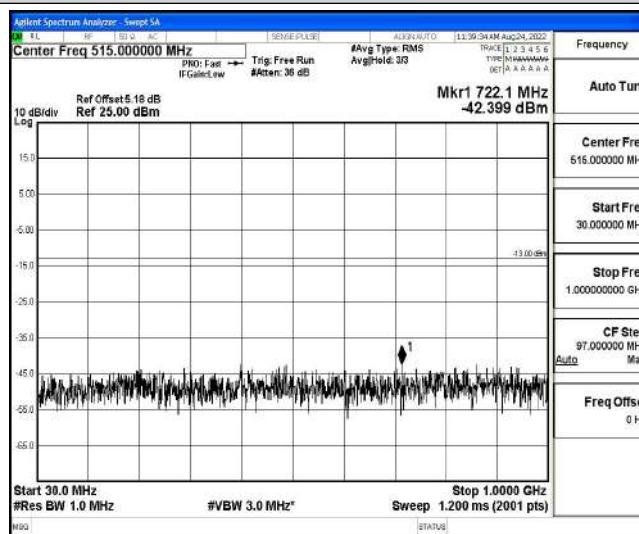




Band4-1.4MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



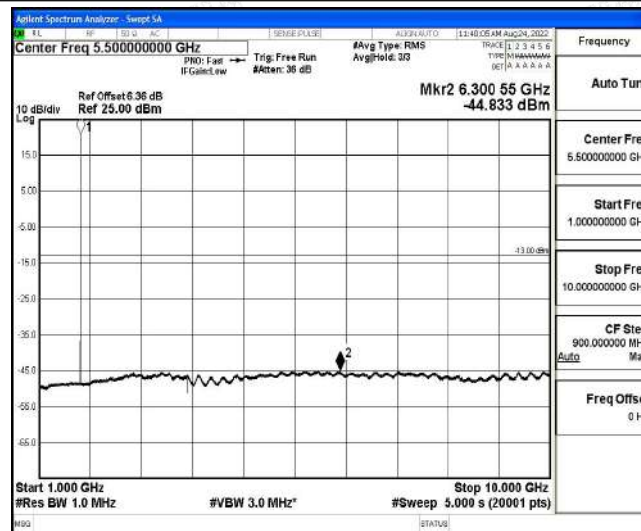
Band4-1.4MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



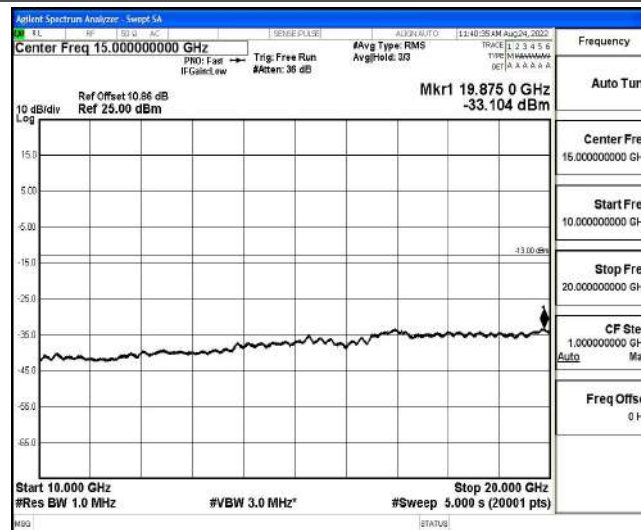
Band4-1.4MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz



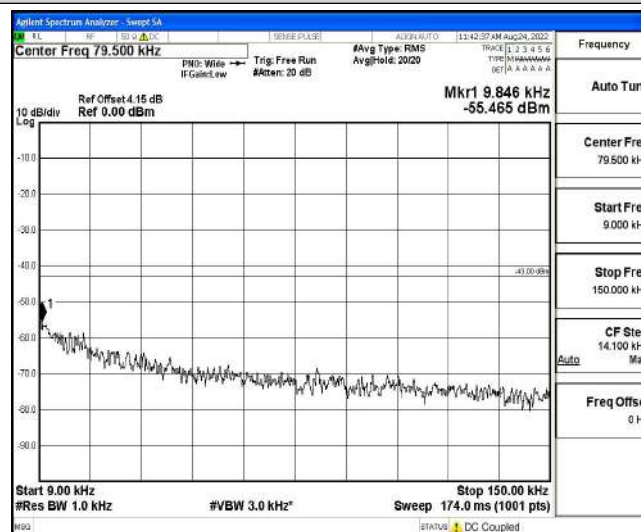
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Band4-1.4MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz

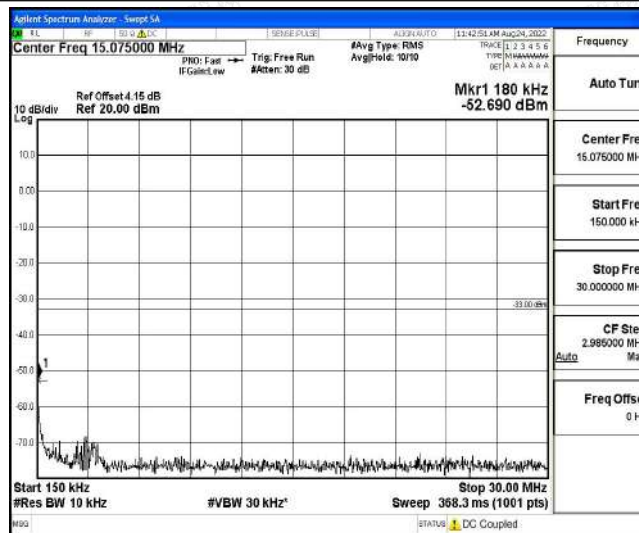


Band4-1.4MHz-QPSK-20393-1RB#0-Range1:0.009~0.15MHz

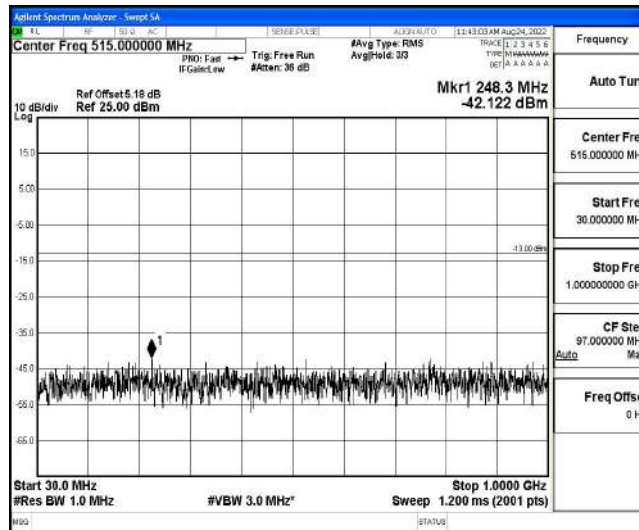


Band4-1.4MHz-QPSK-20393-1RB#0-Range2:0.15~30MHz

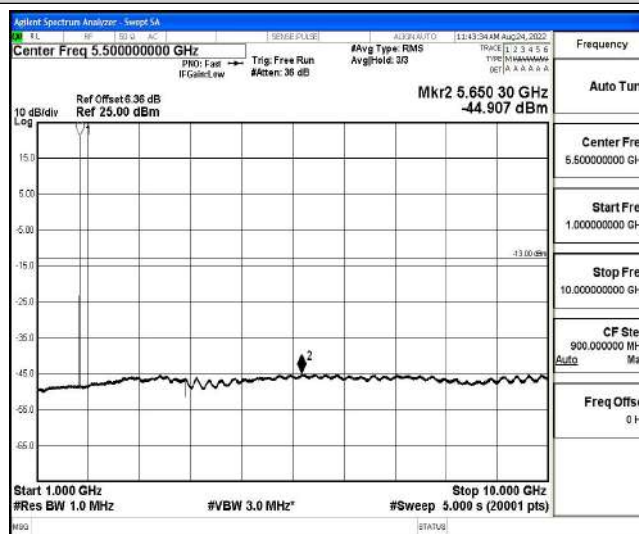




Band4-1.4MHz-QPSK-20393-1RB#0-Range3:30~1000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range4:1000~10000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range5:10000~20000MHz

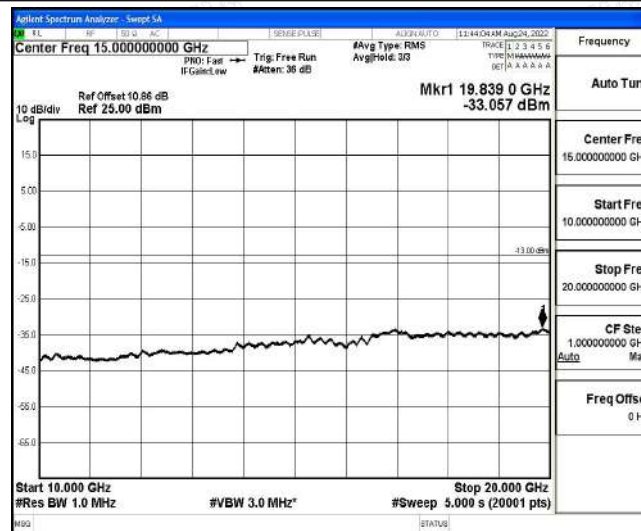


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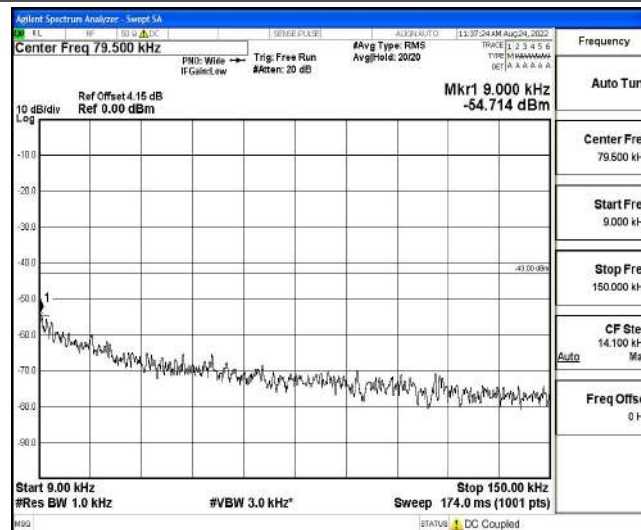
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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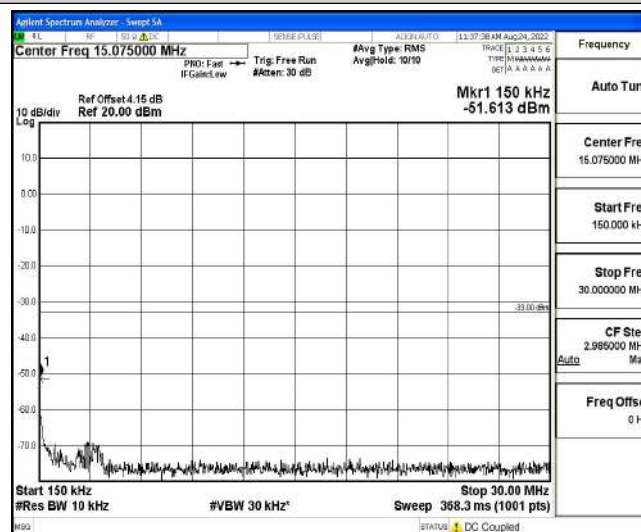
Scan code to check authenticity



Band4-1.4MHz-16QAM-19957-1RB#0-Range1:0.009~0.15MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range2:0.15~30MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range3:30~1000MHz

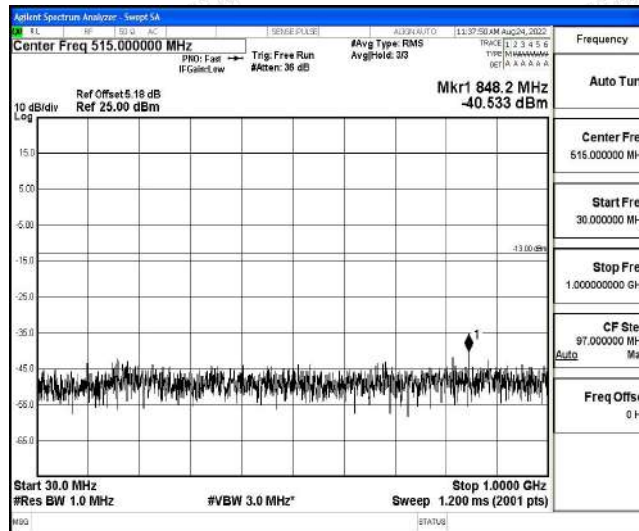


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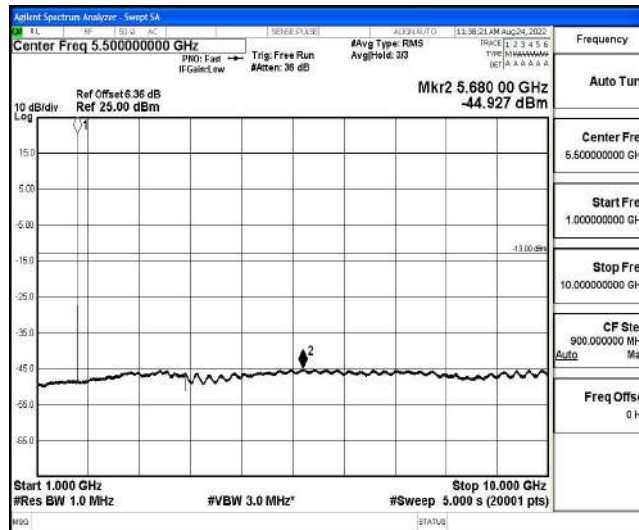
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

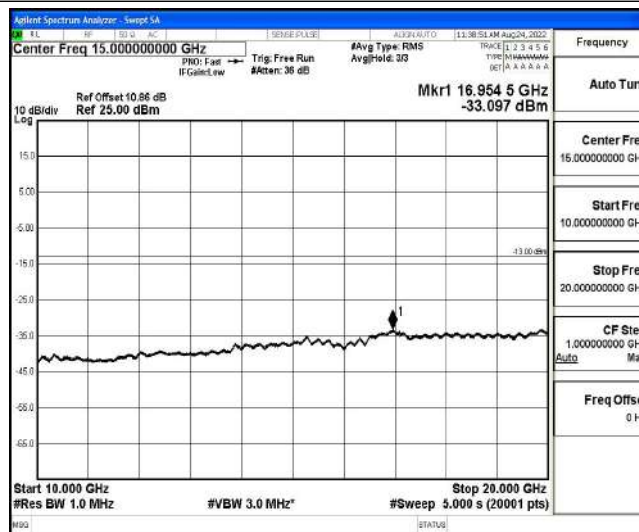
Scan code to check authenticity



Band4-1.4MHz-16QAM-19957-1RB#0-Range4:1000~10000MHz

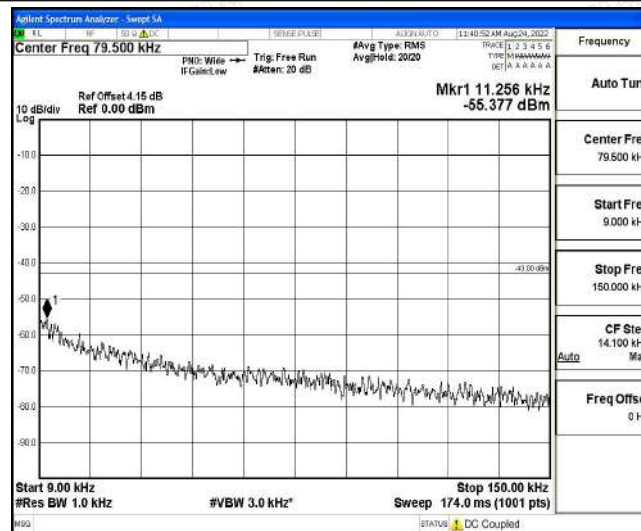


Band4-1.4MHz-16QAM-19957-1RB#0-Range5:10000~20000MHz

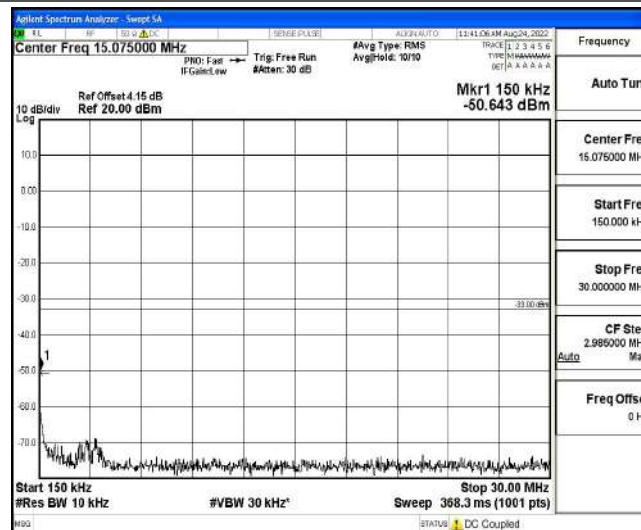


Band4-1.4MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz

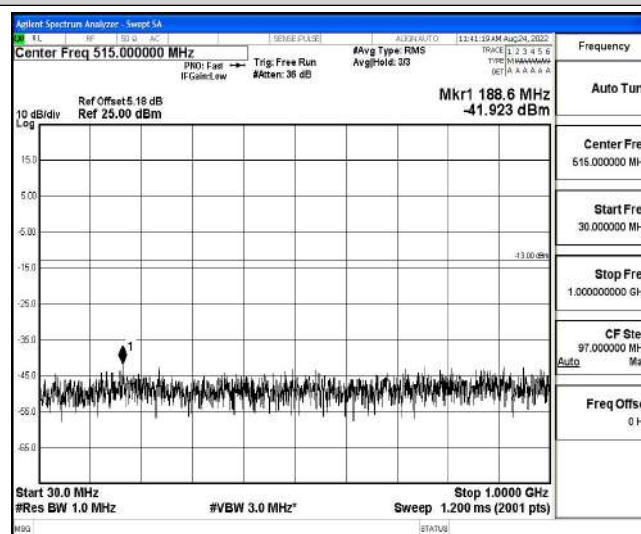




Band4-1.4MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range4:1000~10000MHz

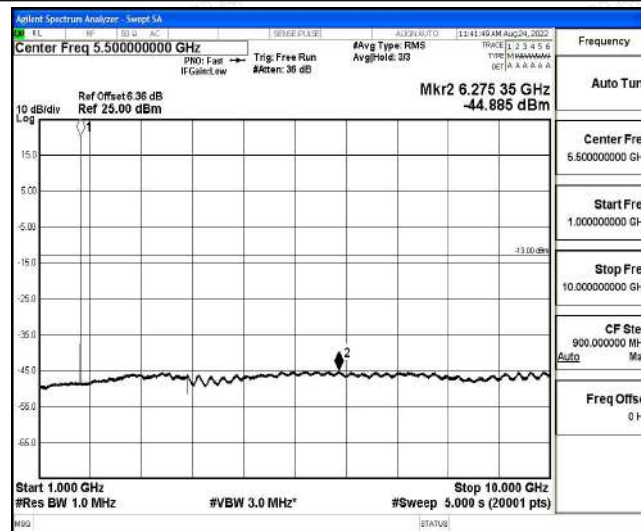


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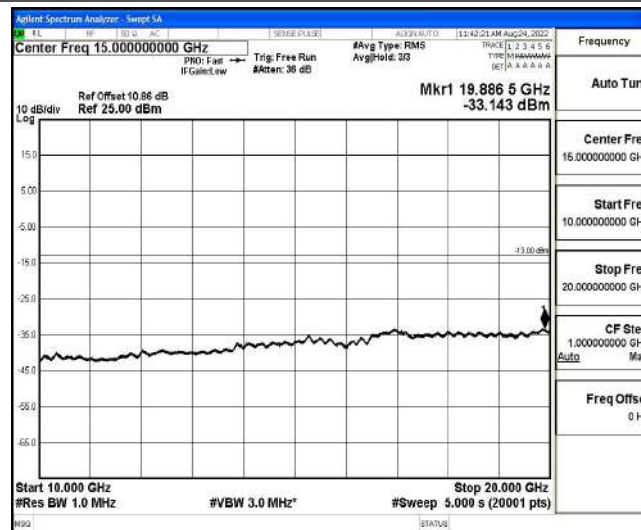
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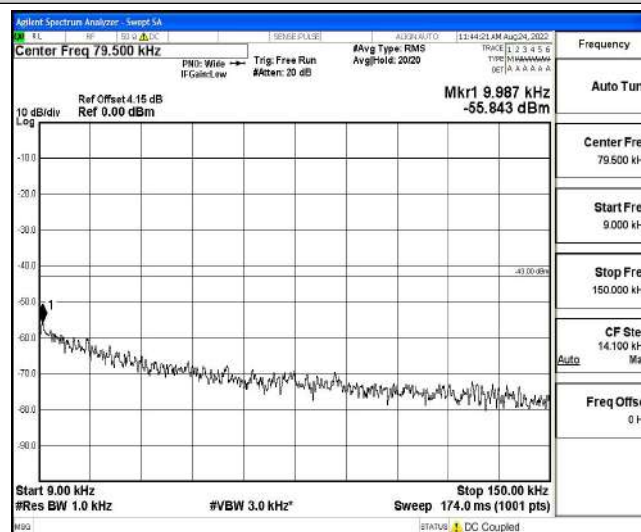
Scan code to check authenticity



Band4-1.4MHz-16QAM-20175-1RB#0-Range5:10000~20000MHz



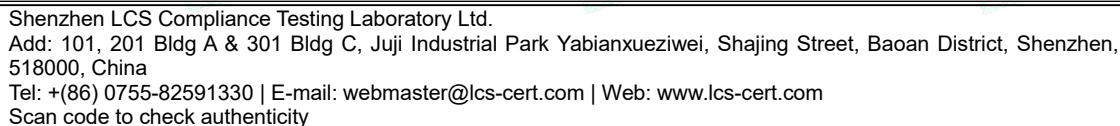
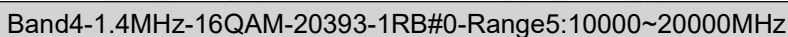
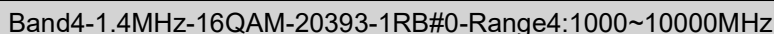
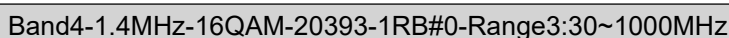
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:0.009~0.15MHz

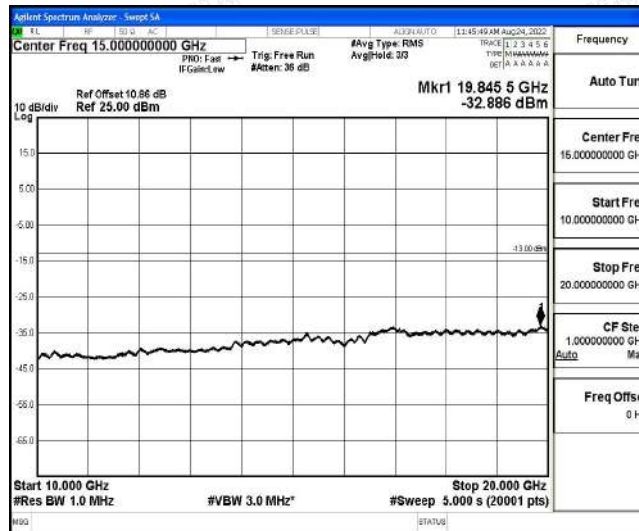


Band4-1.4MHz-16QAM-20393-1RB#0-Range2:0.15~30MHz

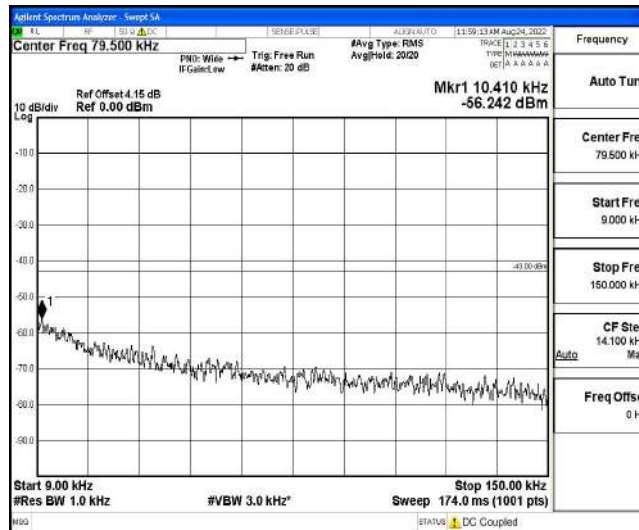


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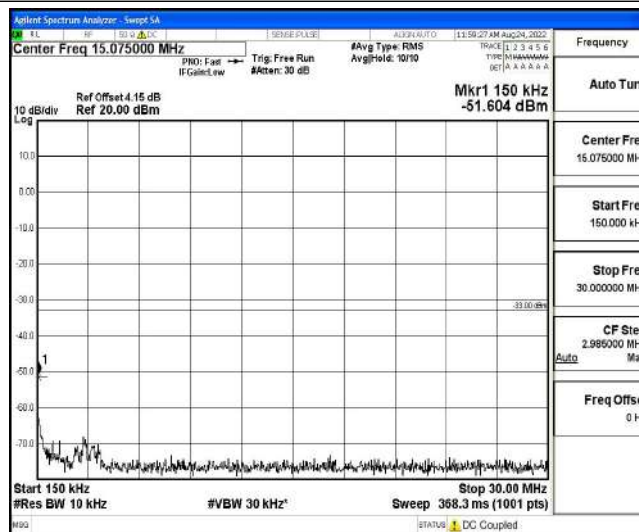




Band4-3MHz-QPSK-19965-1RB#0-Range1:0.009~0.15MHz



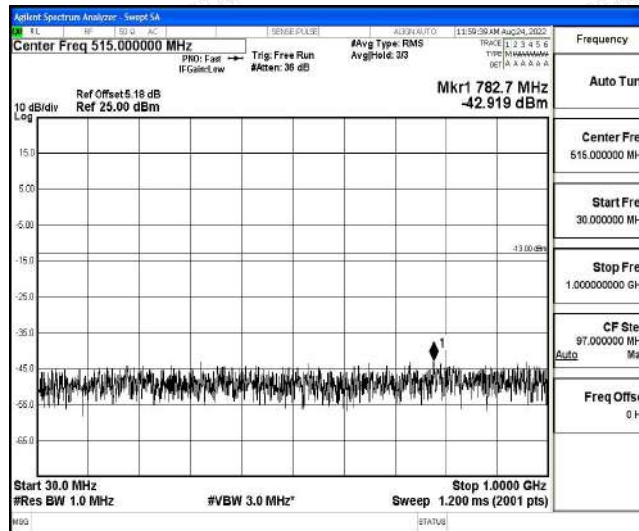
Band4-3MHz-QPSK-19965-1RB#0-Range2:0.15~30MHz



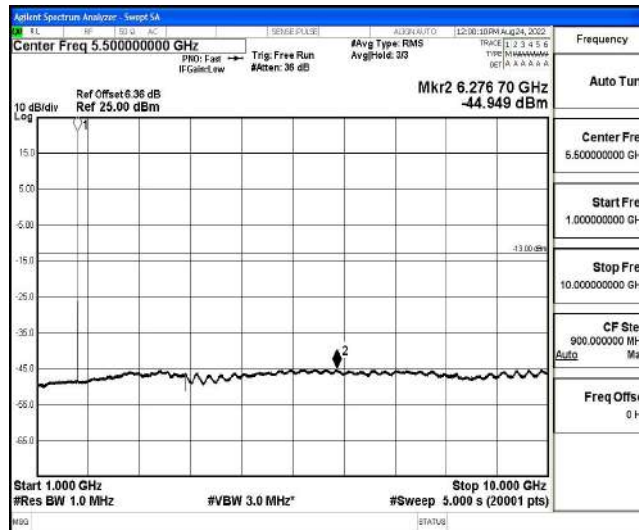
Band4-3MHz-QPSK-19965-1RB#0-Range3:30~1000MHz



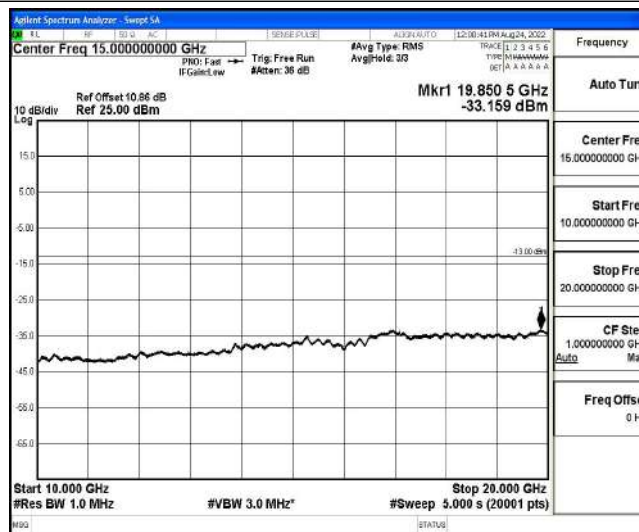
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Band4-3MHz-QPSK-19965-1RB#0-Range4:1000~10000MHz

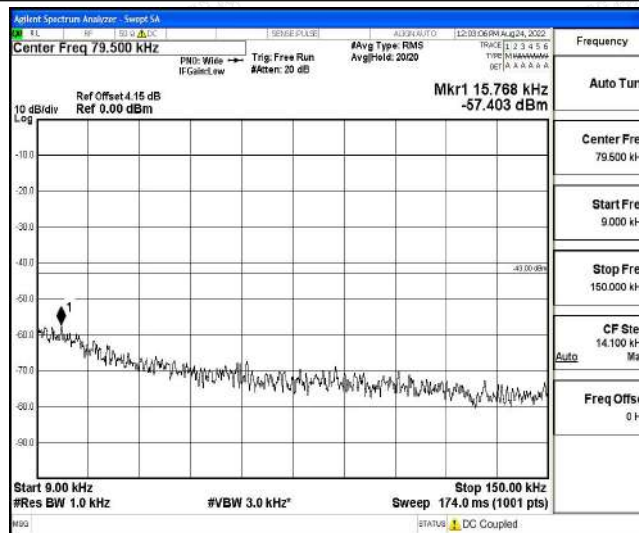


Band4-3MHz-QPSK-19965-1RB#0-Range5:10000~20000MHz

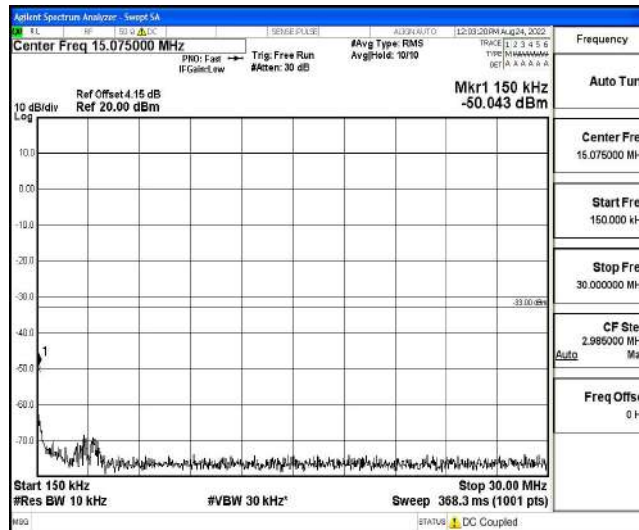


Band4-3MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

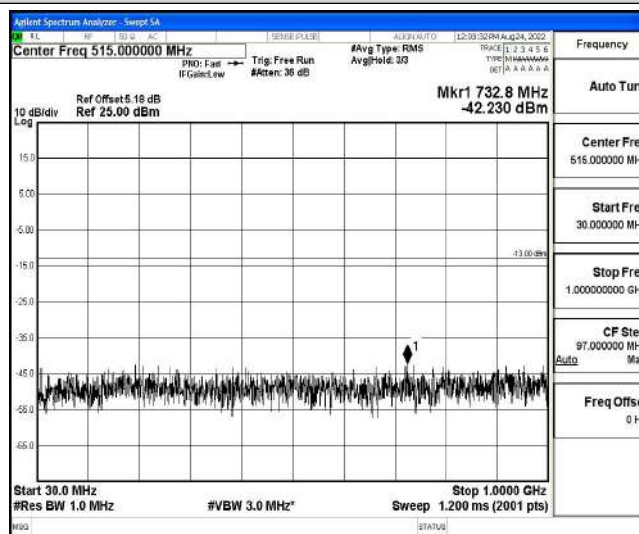




Band4-3MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



Band4-3MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz

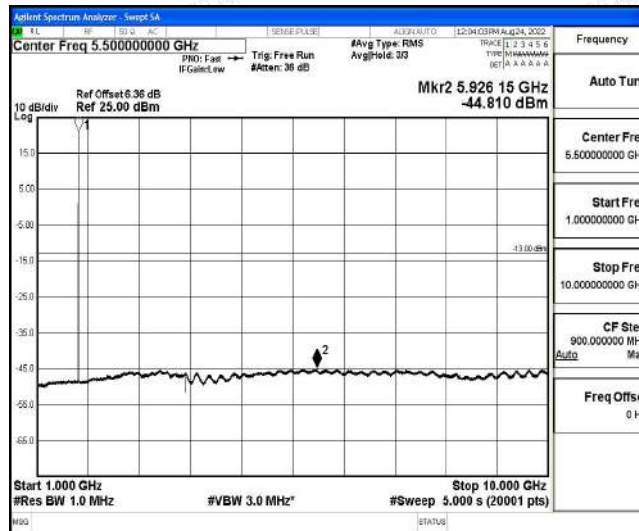


Shenzhen LCS Compliance Testing Laboratory Ltd.

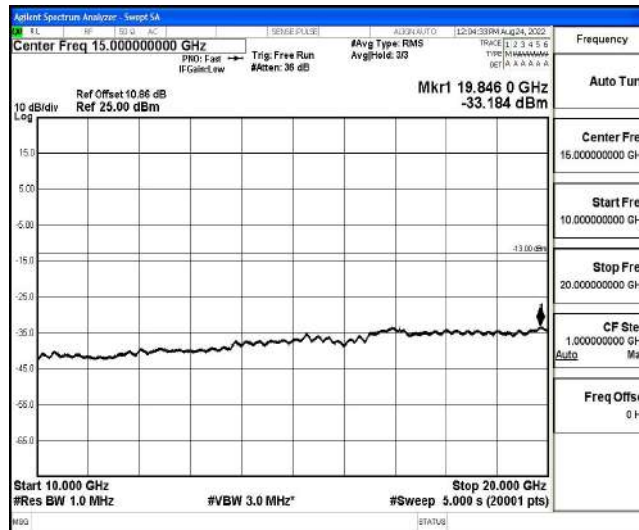
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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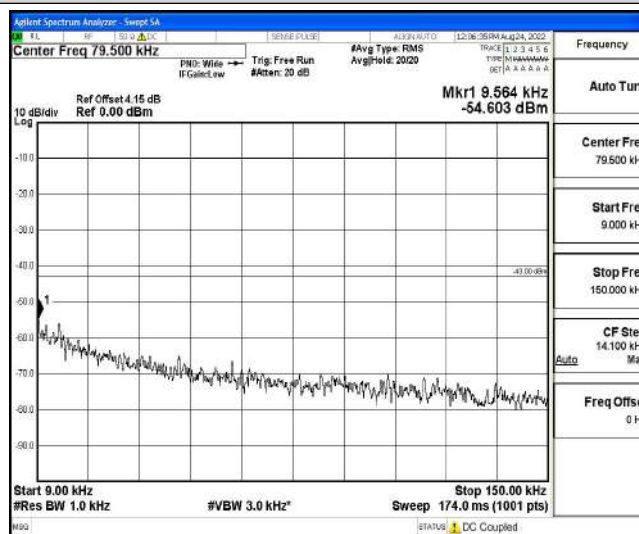
Scan code to check authenticity



Band4-3MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz

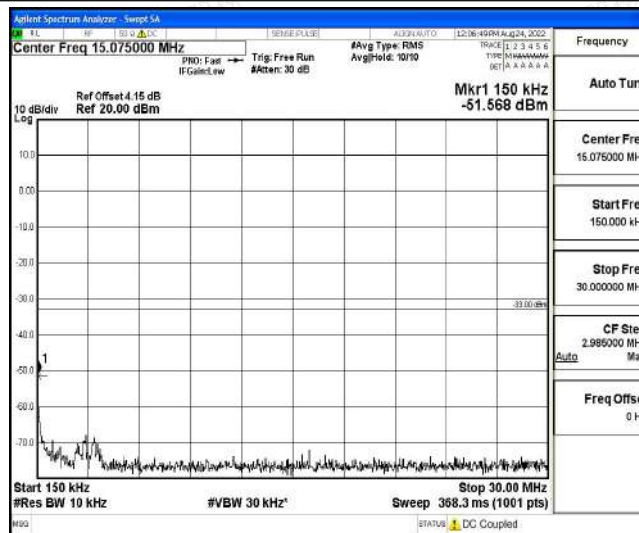


Band4-3MHz-QPSK-20385-1RB#0-Range1:0.009~0.15MHz

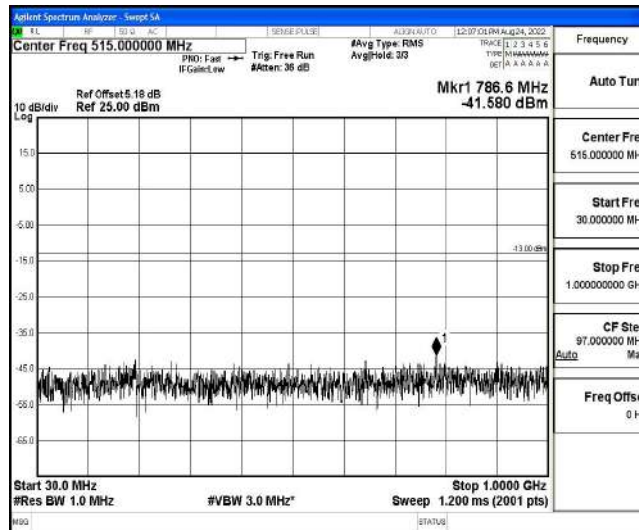


Band4-3MHz-QPSK-20385-1RB#0-Range2:0.15~30MHz

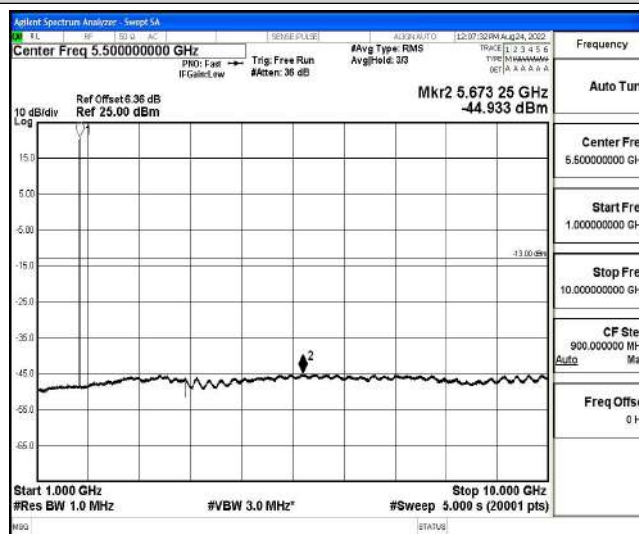




Band4-3MHz-QPSK-20385-1RB#0-Range3:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range4:1000~10000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range5:10000~20000MHz

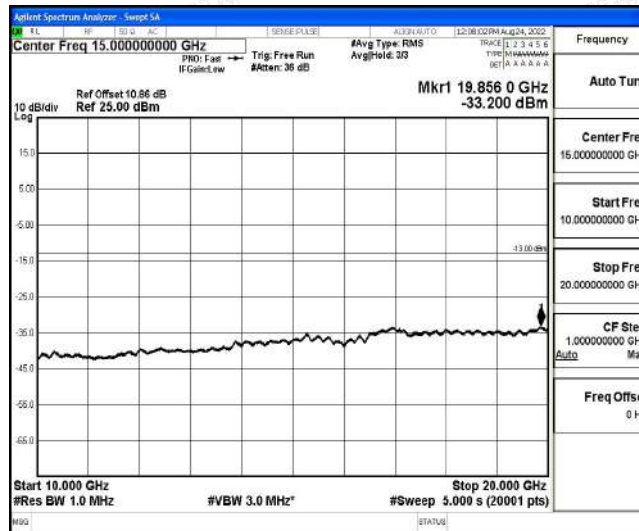


Shenzhen LCS Compliance Testing Laboratory Ltd.

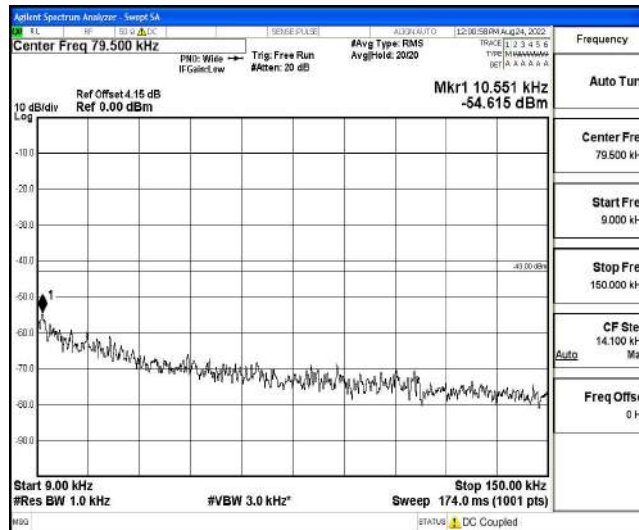
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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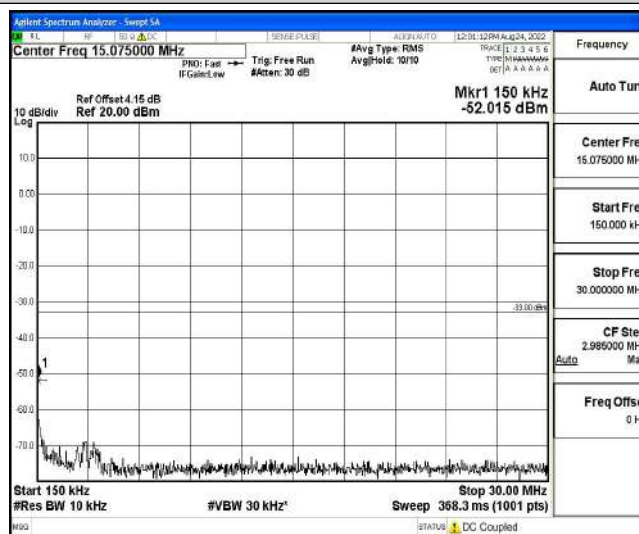
Scan code to check authenticity



Band4-3MHz-16QAM-19965-1RB#0-Range1:0.009~0.15MHz

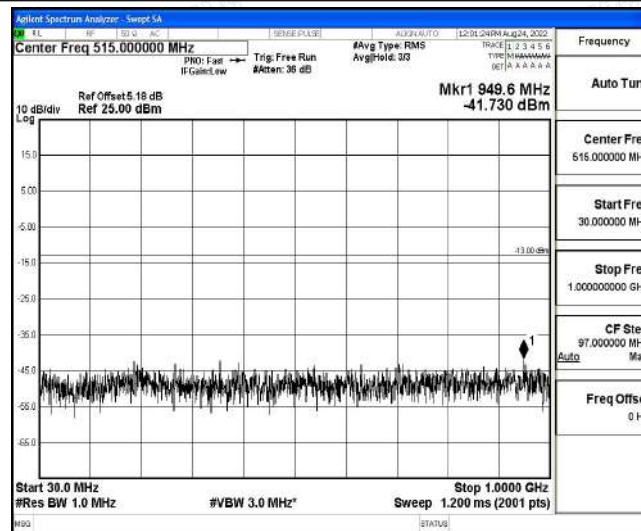


Band4-3MHz-16QAM-19965-1RB#0-Range2:0.15~30MHz

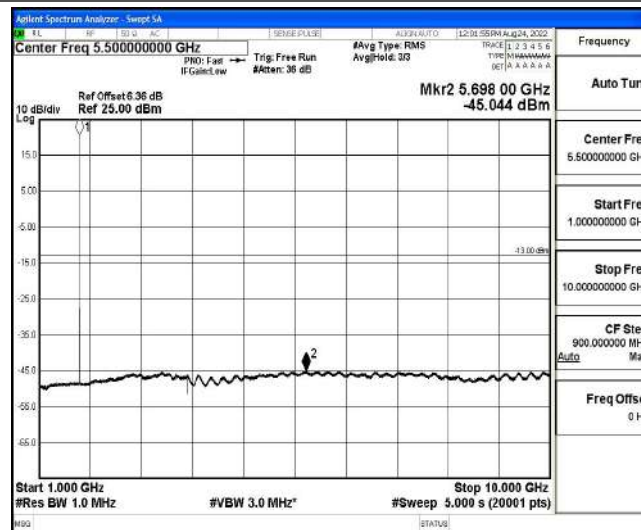


Band4-3MHz-16QAM-19965-1RB#0-Range3:30~1000MHz

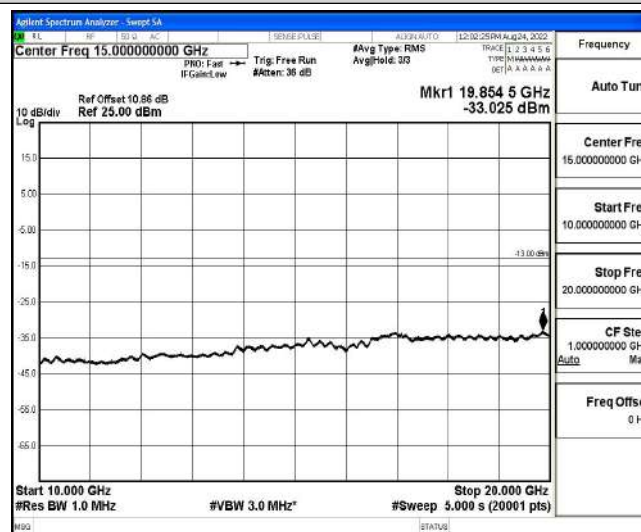




Band4-3MHz-16QAM-19965-1RB#0-Range4:1000~10000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range5:10000~20000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz

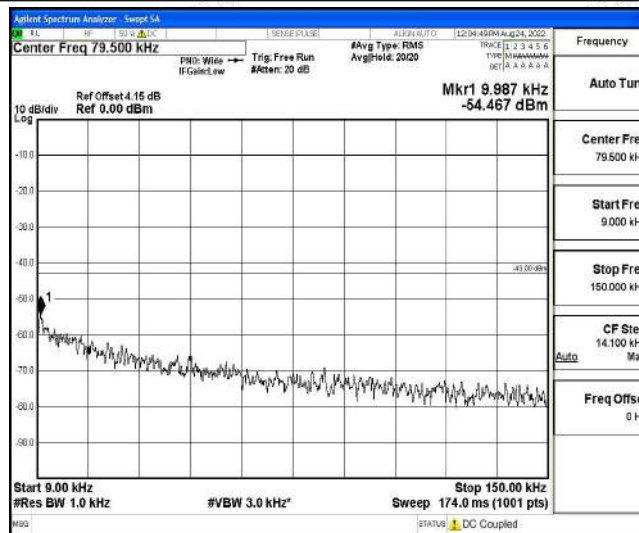


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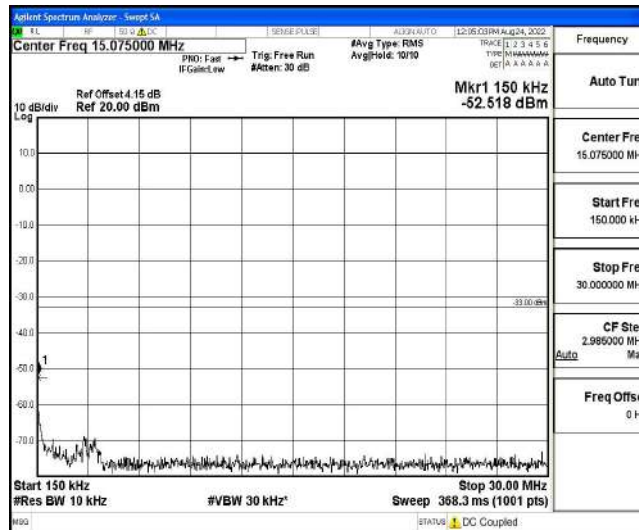
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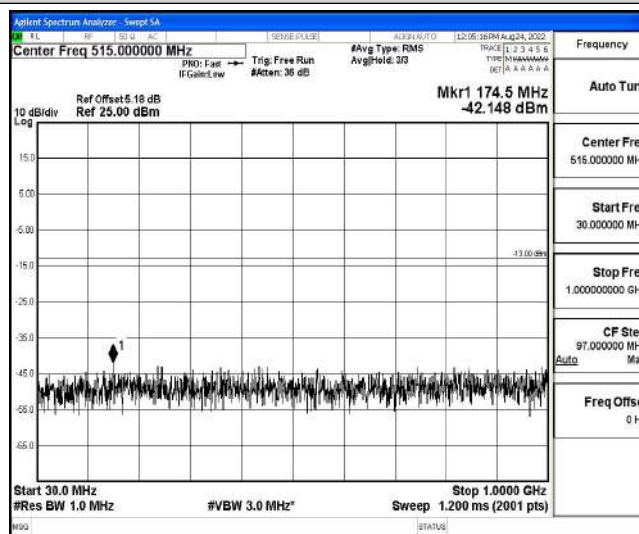
Scan code to check authenticity



Band4-3MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz



Band4-3MHz-16QAM-20175-1RB#0-Range3:30~1000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range4:1000~10000MHz

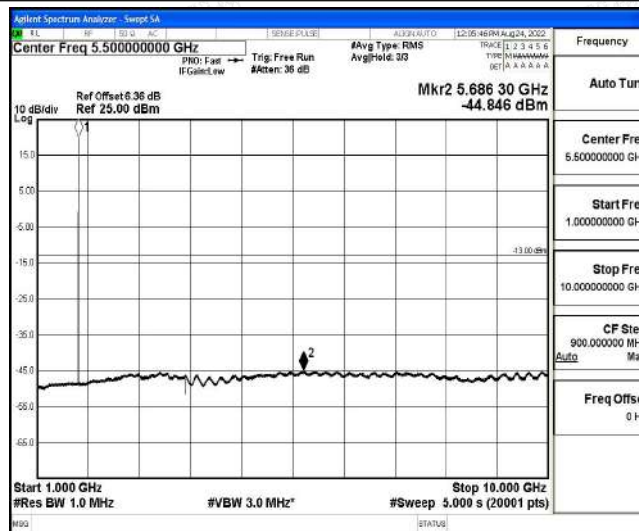


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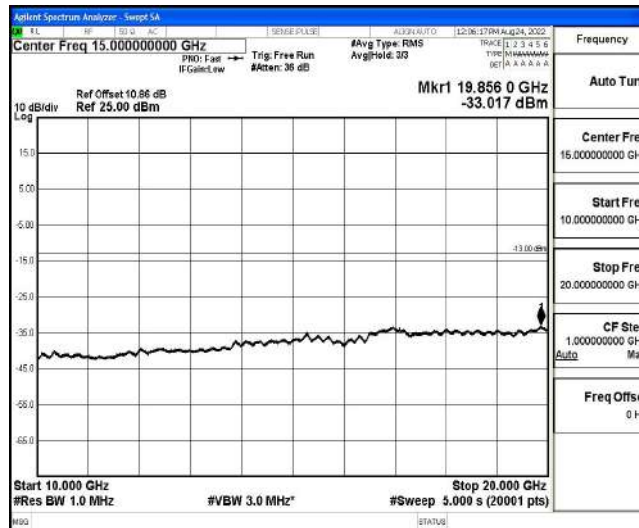
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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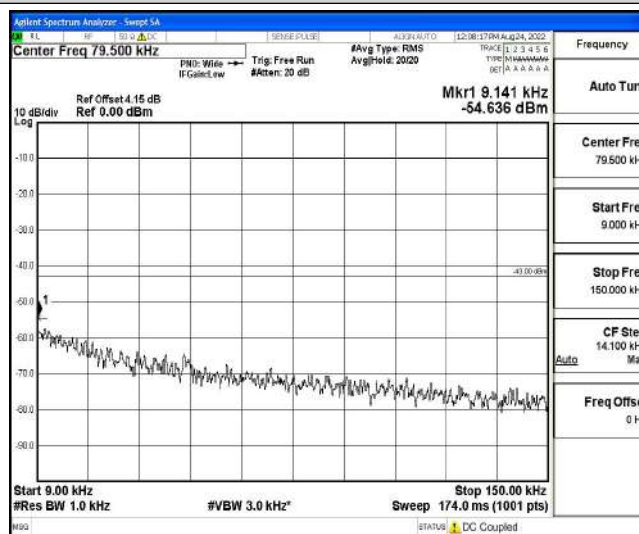
Scan code to check authenticity



Band4-3MHz-16QAM-20175-1RB#0-Range5:10000~20000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range1:0.009~0.15MHz



Band4-3MHz-16QAM-20385-1RB#0-Range2:0.15~30MHz

