



Appendix G: Test Data for E-UTRA Band 4

Product Name: Smart phone

Test Model: Smooth Note 6.8

Environmental Conditions

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





G.1 Effective (Isotropic) Radiated Power Output Data

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.64	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.67	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.57	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.57	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.55	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.53	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.48	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.48	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.54	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.53	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.32	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.06	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.09	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.05	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.07	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.05	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.14	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.60	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.99	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.24	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.29	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.24	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.47	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.64	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.44	PASS



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Scan code to check authenticity



Band4	1.4MHz	16QAM	20175	1RB#5	21.38	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.15	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.16	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.14	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.46	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.87	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.05	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.99	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.02	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.07	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.08	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.48	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.47	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.36	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.54	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.51	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.68	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.73	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.60	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.42	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.41	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.65	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.63	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.73	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.69	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.28	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.20	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.33	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.28	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.17	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.20	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.18	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.82	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.44	PASS



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Band4	3MHz	16QAM	19965	1RB#14	21.56	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.45	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.82	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.78	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.44	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.61	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.23	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.94	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.67	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.69	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.62	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.60	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.73	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.08	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.48	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.23	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.25	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.35	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.10	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.64	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.62	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.50	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.68	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.51	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.49	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.43	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.50	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.37	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.36	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.42	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.40	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.34	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.39	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.36	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.24	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.09	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.22	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.20	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.21	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.54	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.44	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.36	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.76	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.46	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.58	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.68	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.29	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.23	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.24	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.48	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.56	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.49	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.38	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.36	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.06	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.22	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.19	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.35	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.08	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.14	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.19	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.28	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.01	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.18	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.69	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.71	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.96	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.15	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.54	PASS



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Band4	10MHz	QPSK	20175	1RB#49	22.21	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.39	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.38	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.33	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.28	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.51	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.88	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.32	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.37	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.23	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.26	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.19	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.38	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.13	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.58	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.70	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.75	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.57	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.32	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.45	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.30	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.47	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.46	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.37	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.45	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.34	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.50	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.15	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.41	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.35	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.21	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.35	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.96	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.01	PASS



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Band4	15MHz	QPSK	20025	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.62	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.53	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.62	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.33	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.35	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.40	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.78	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.90	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.36	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.70	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.58	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.70	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.08	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.60	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.13	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.17	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.55	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.15	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.39	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.44	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.59	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.37	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.05	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.39	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.48	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.64	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.64	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.51	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.45	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.48	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.69	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.67	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.40	PASS



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Band4	15MHz	16QAM	20325	1RB#74	21.16	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.63	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.39	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.41	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.31	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.26	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.28	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.42	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.43	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.68	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.51	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.32	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.74	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.62	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.40	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.78	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.55	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.22	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.10	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.76	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.79	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.69	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.09	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.21	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.21	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.54	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.49	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.46	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.44	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.93	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.13	PASS



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Band4	20MHz	16QAM	20175	1RB#99	21.64	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.58	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.61	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.52	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.66	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.56	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.75	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.23	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.81	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.75	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.51	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.70	PASS

**Test
Result**



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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	1RB#0	4.56	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.13	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.53	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.66	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.49	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.55	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.82	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.63	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.00	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.60	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.29	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.64	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.16	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.81	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.25	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.29	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.14	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.54	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.02	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.61	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.10	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.61	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.28	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.54	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.07	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.23	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.48	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.05	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.43	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.83	13	PASS



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Band4	5MHz	16QAM	20375	1RB#0	5.59	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.97	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.82	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.35	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.64	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.03	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.06	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.21	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.25	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.17	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.53	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.85	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.96	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.01	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.64	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.62	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.81	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.18	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.77	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.63	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.32	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.93	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.64	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.11	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.36	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.02	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.95	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.62	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.26	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.81	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.18	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.96	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.45	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.03	13	PASS



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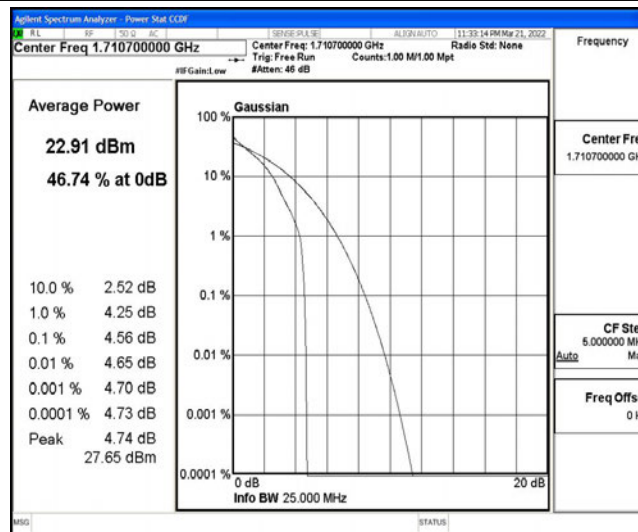
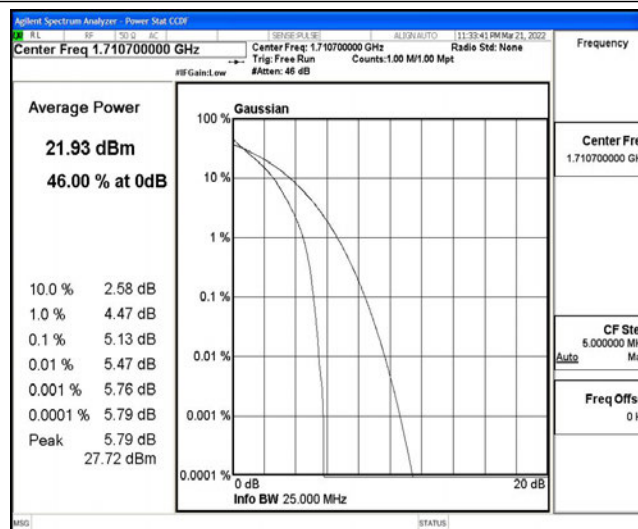
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Test Graphs

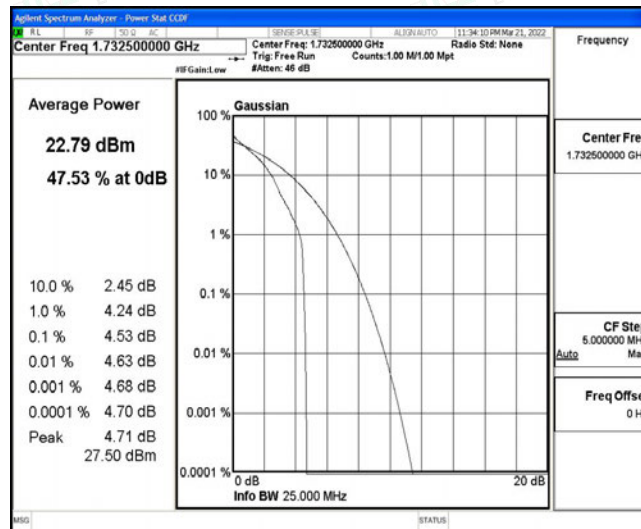
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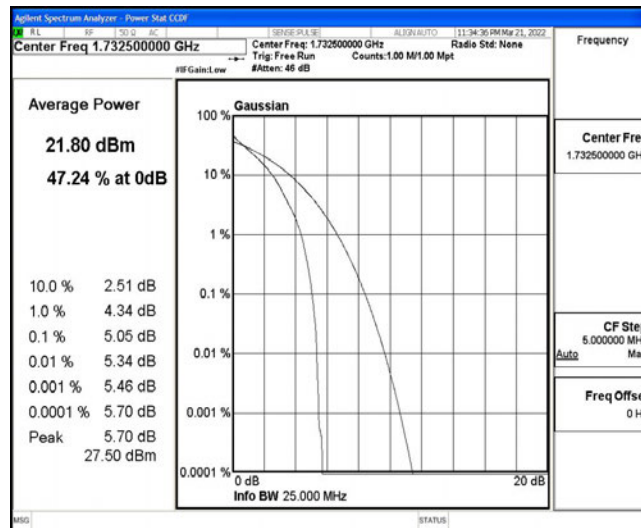
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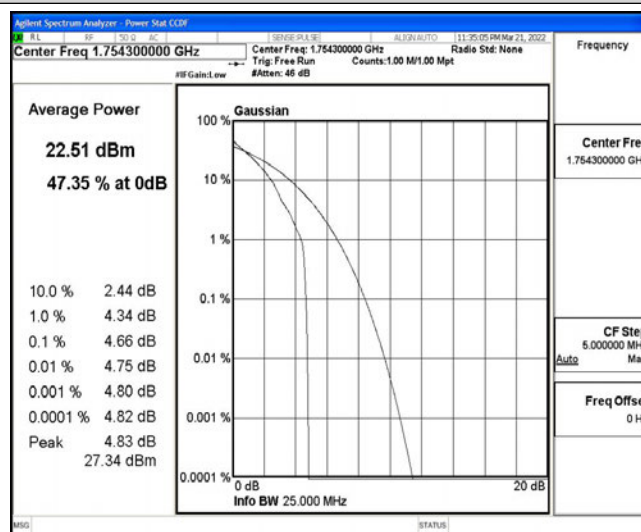
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Band4-1.4MHz-QPSK-20175-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#0



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

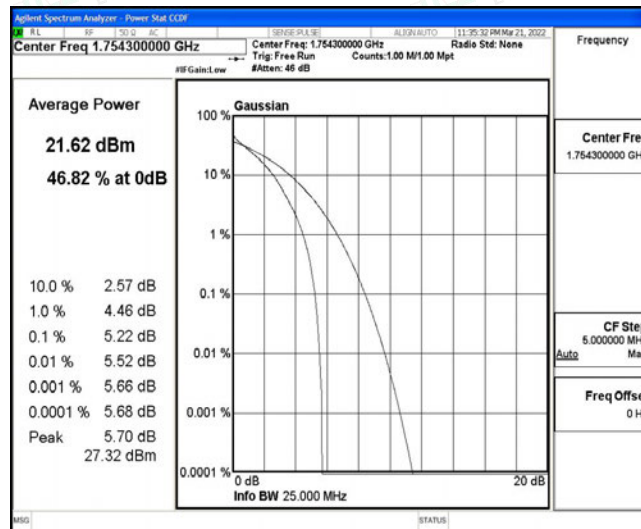


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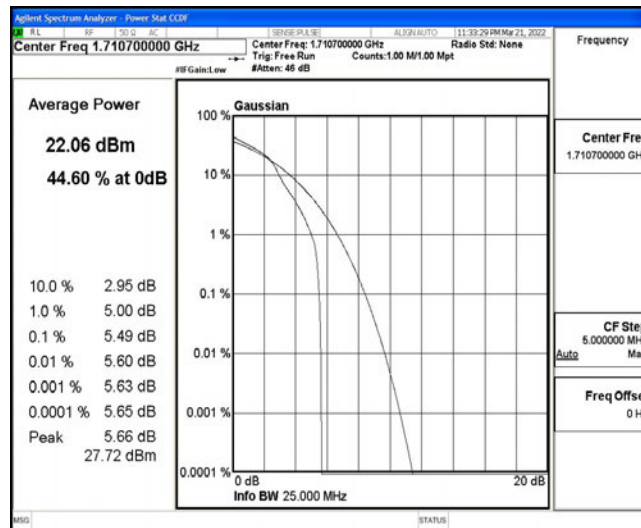
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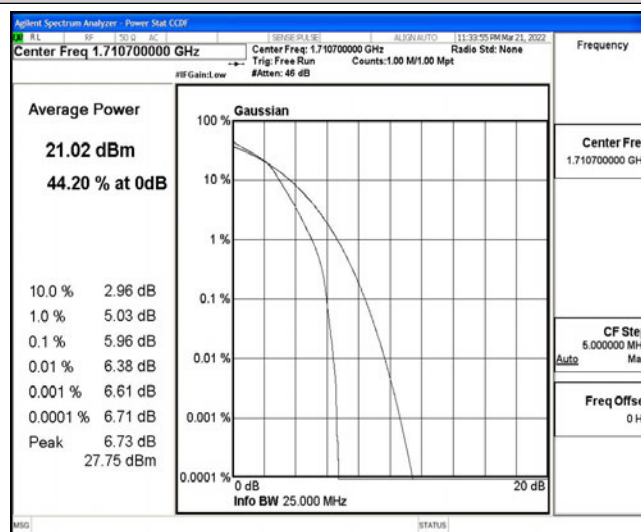
Scan code to check authenticity



Band4-1.4MHz-16QAM-19957-1RB#0



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



Band4-1.4MHz-16QAM-20175-1RB#0

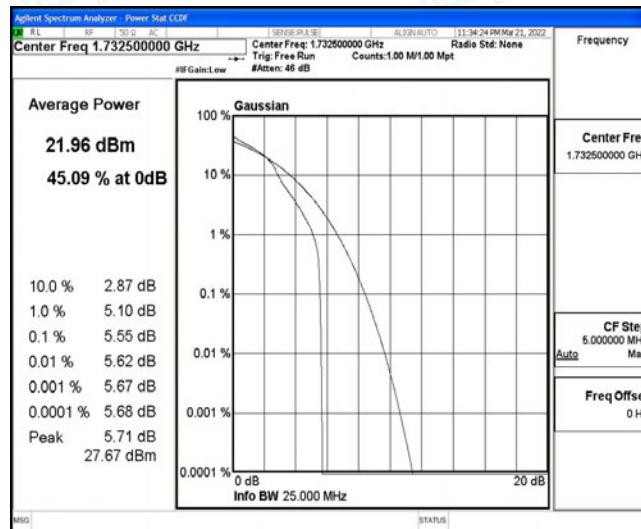


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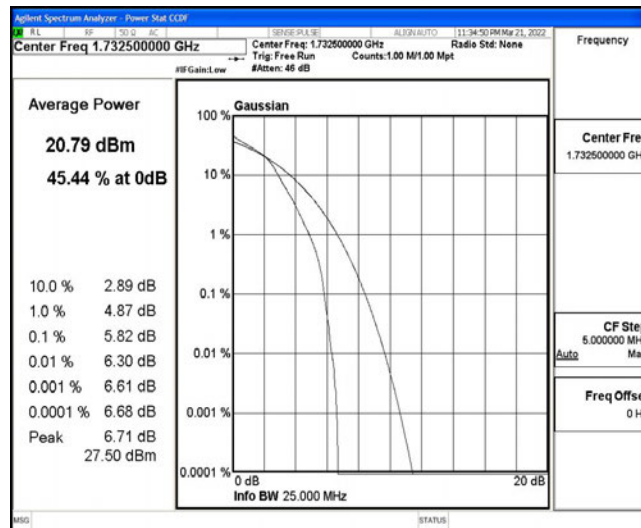
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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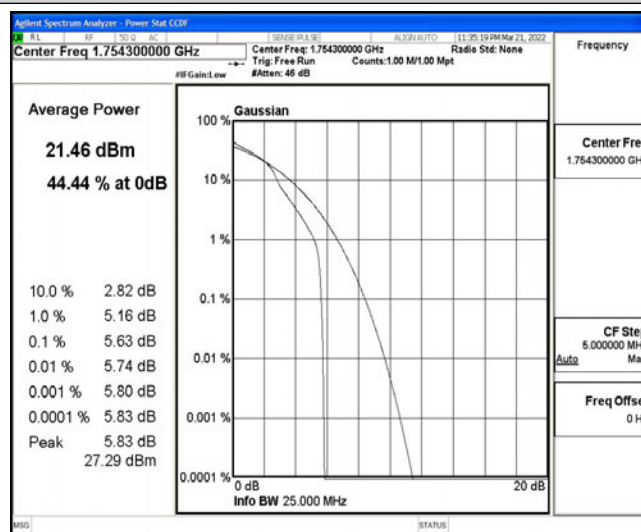
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Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



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

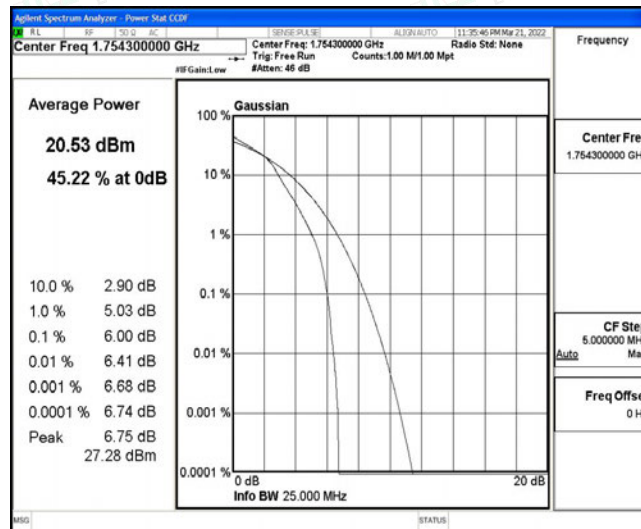


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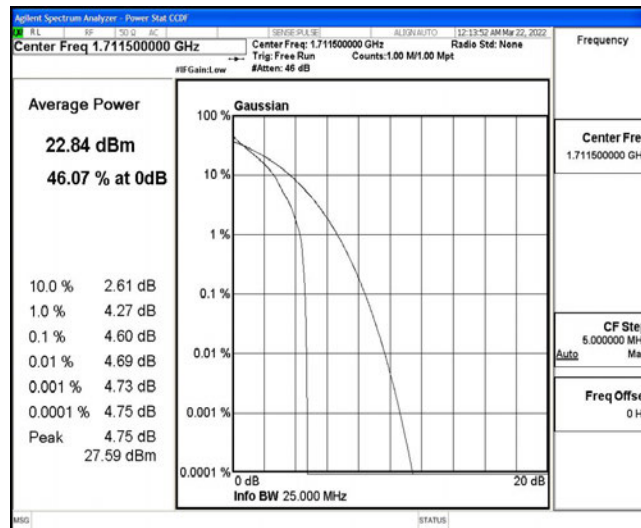
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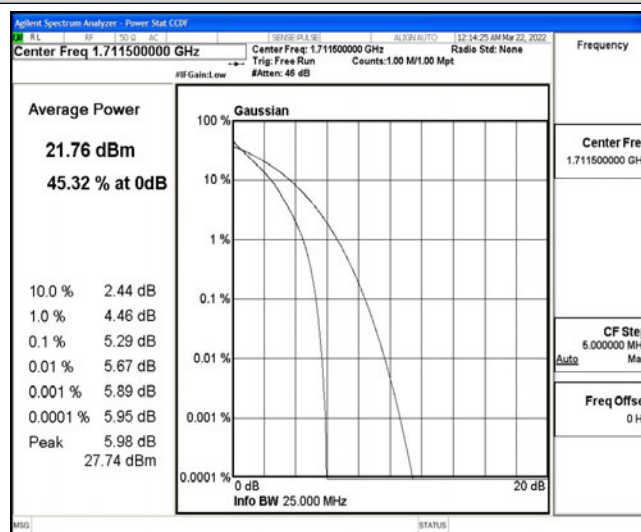
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Band4-3MHz-QPSK-19965-1RB#0



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



Band4-3MHz-QPSK-20175-1RB#0

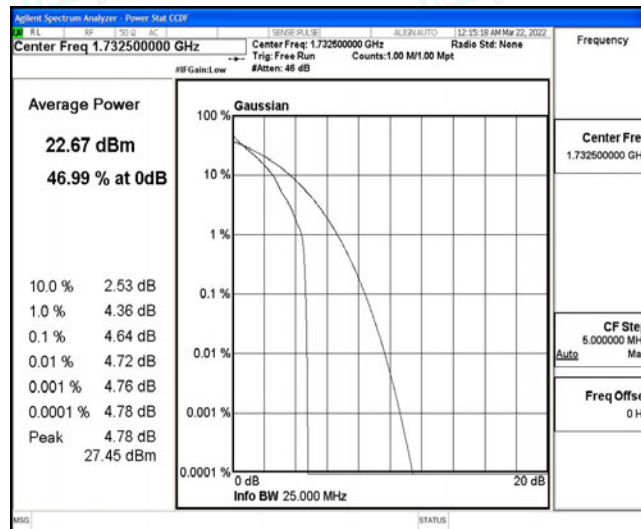


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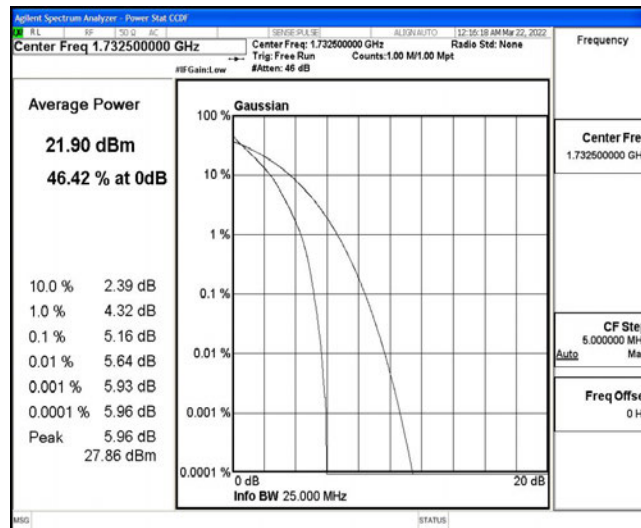
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

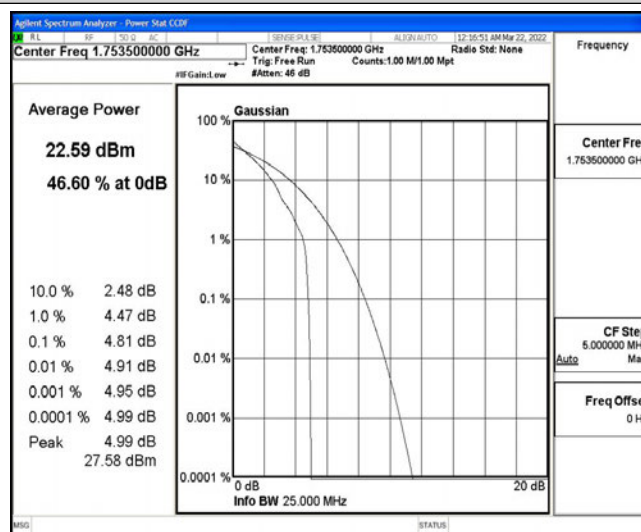
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Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-1RB#0



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

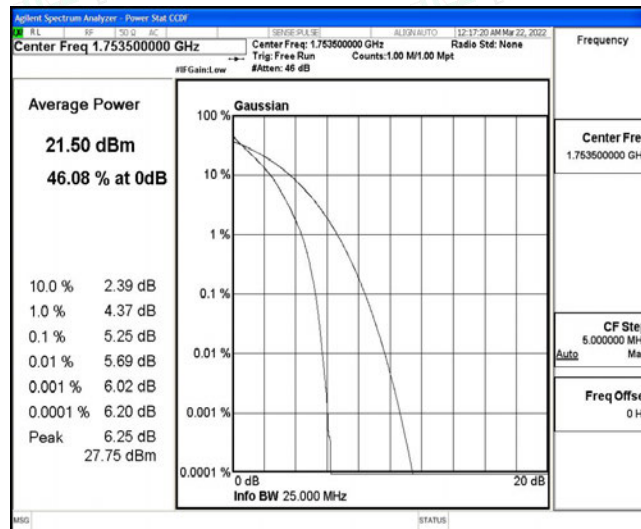


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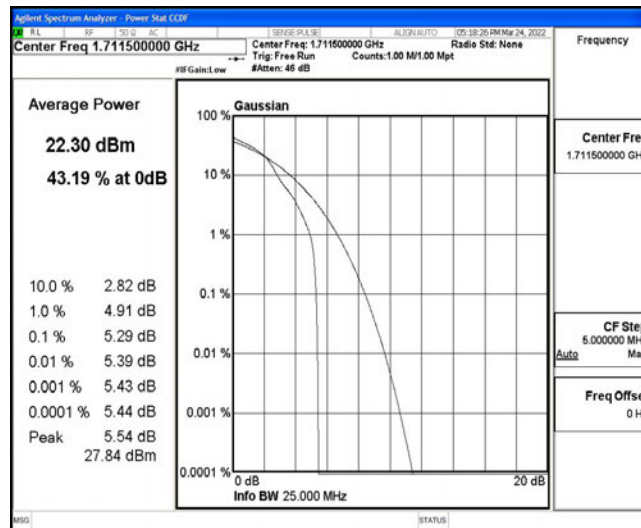
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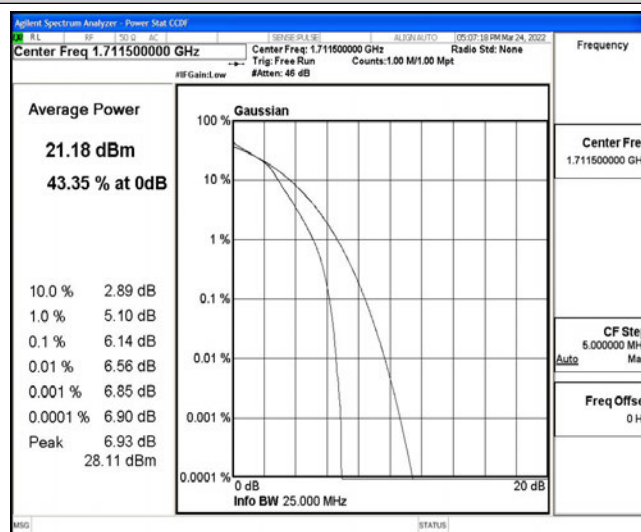
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Band4-3MHz-16QAM-19965-1RB#0



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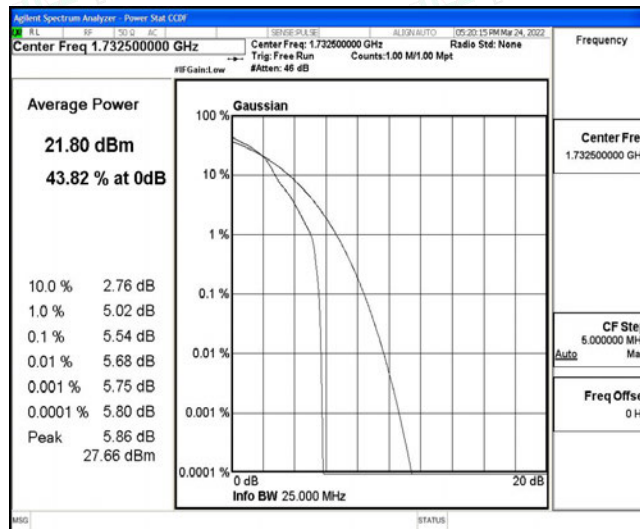


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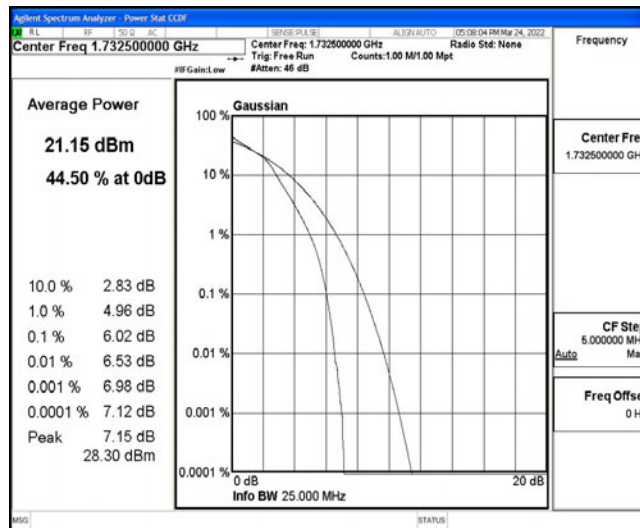
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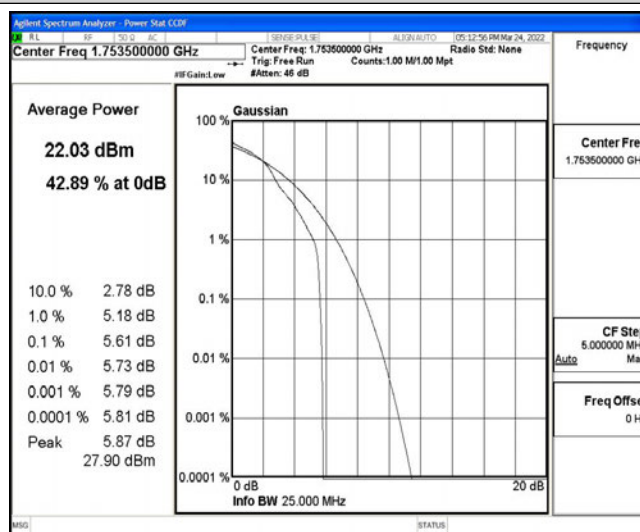
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Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-1RB#0



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

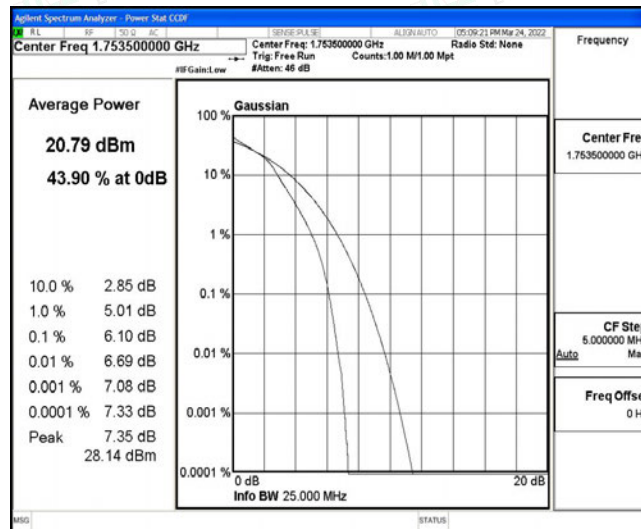


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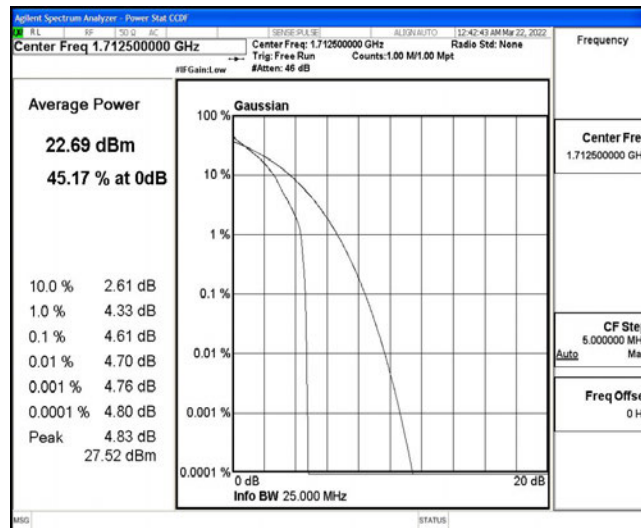
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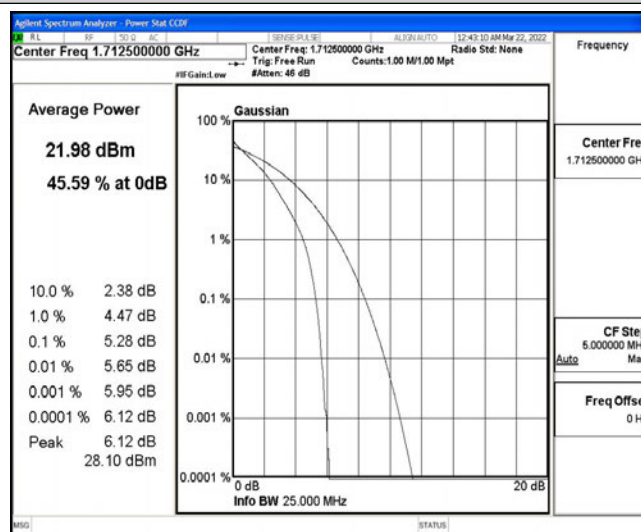
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Band4-5MHz-QPSK-19975-1RB#0



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



Band4-5MHz-QPSK-20175-1RB#0

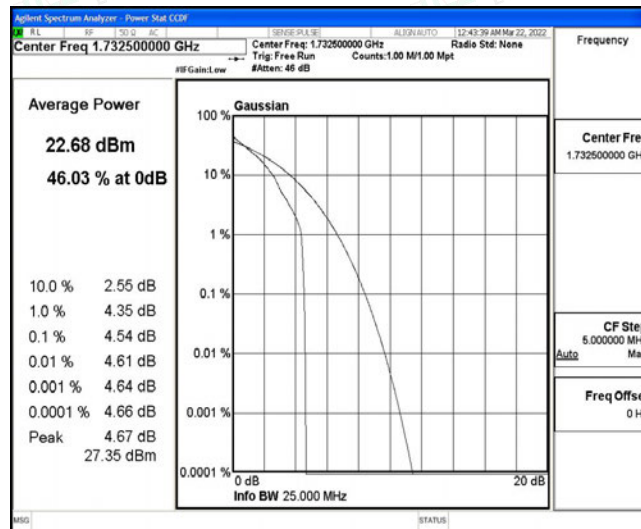


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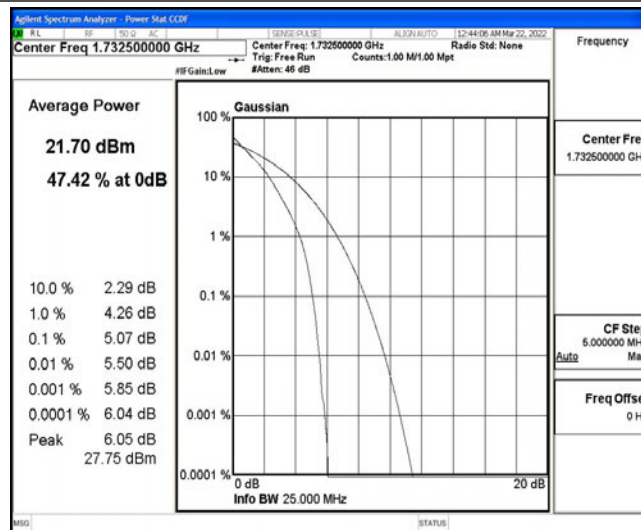
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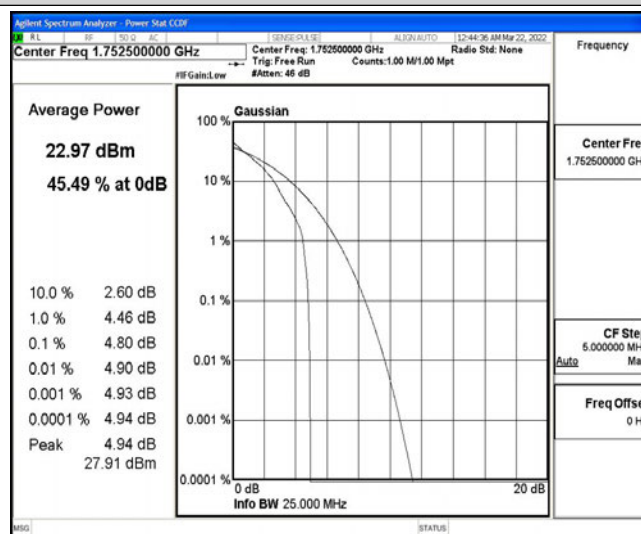
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Band4-5MHz-QPSK-20175-25RB#0



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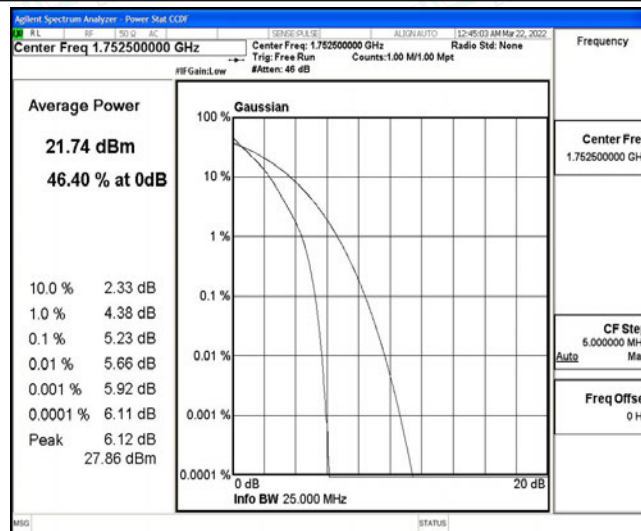


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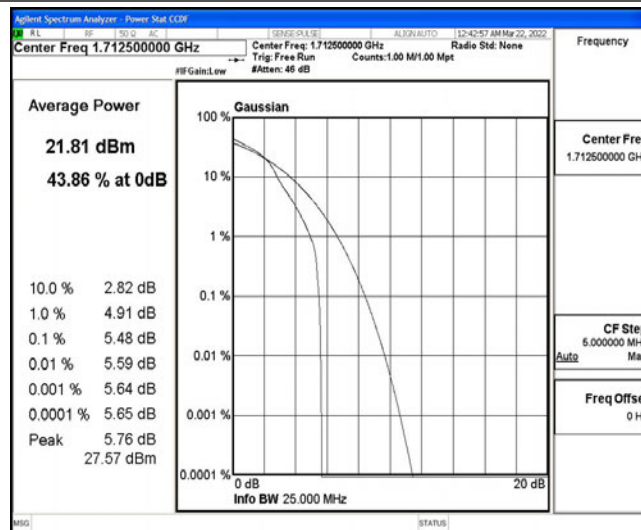
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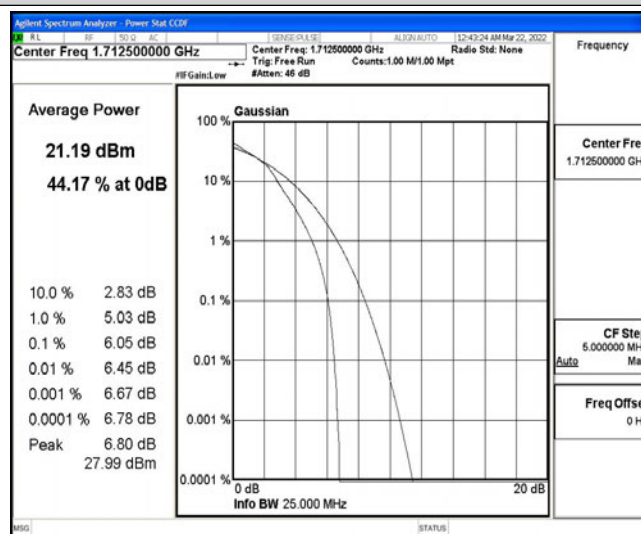
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Band4-5MHz-16QAM-19975-1RB#0



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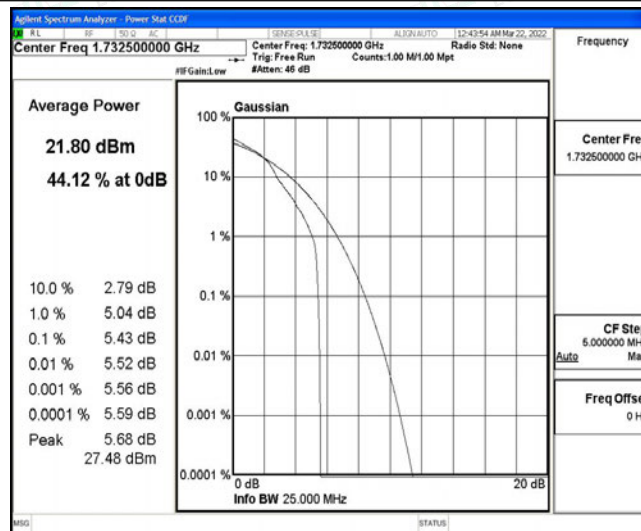


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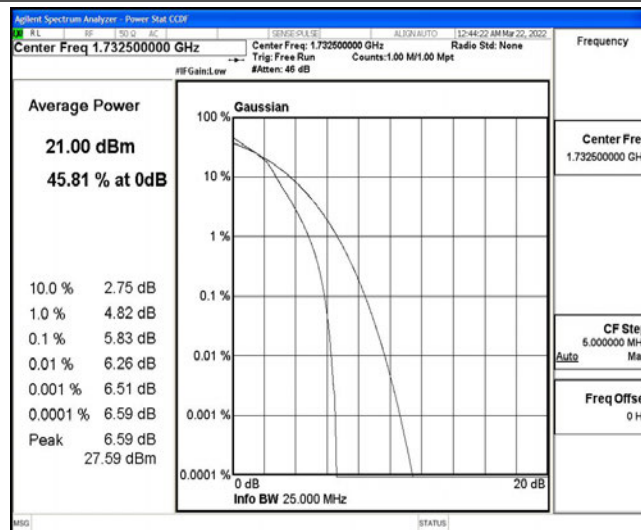
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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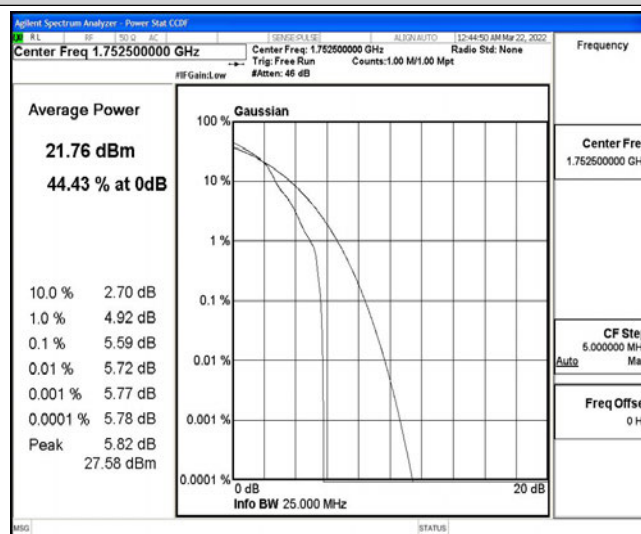
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Band4-5MHz-16QAM-20175-25RB#0



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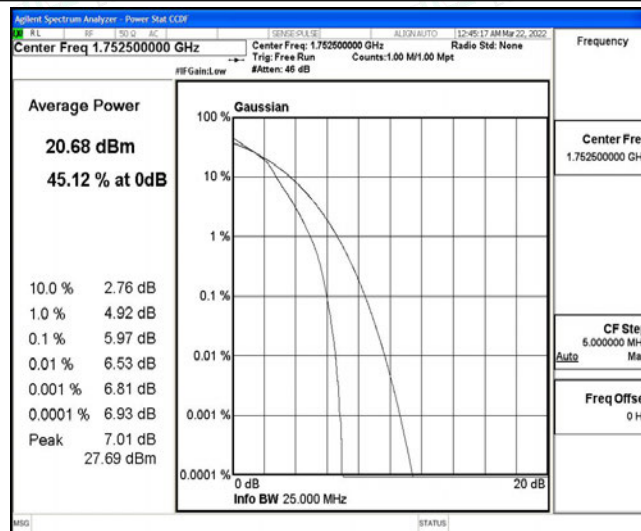


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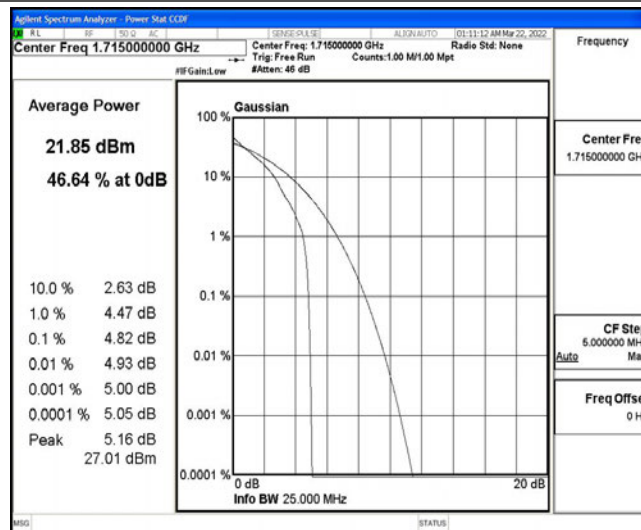
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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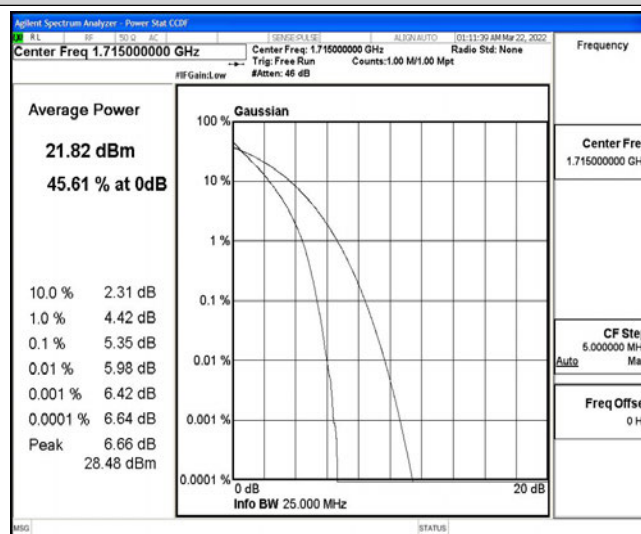
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Band4-10MHz-QPSK-20000-1RB#0



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



Band4-10MHz-QPSK-20175-1RB#0

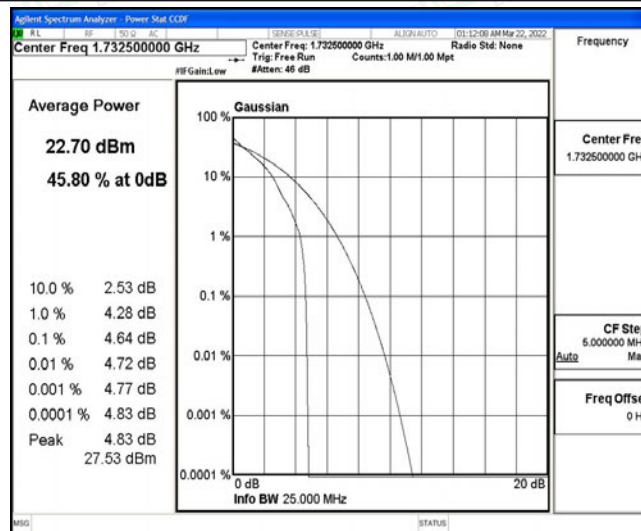


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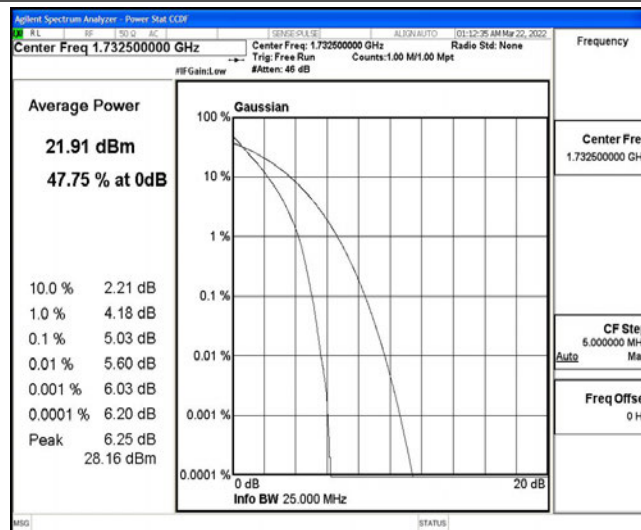
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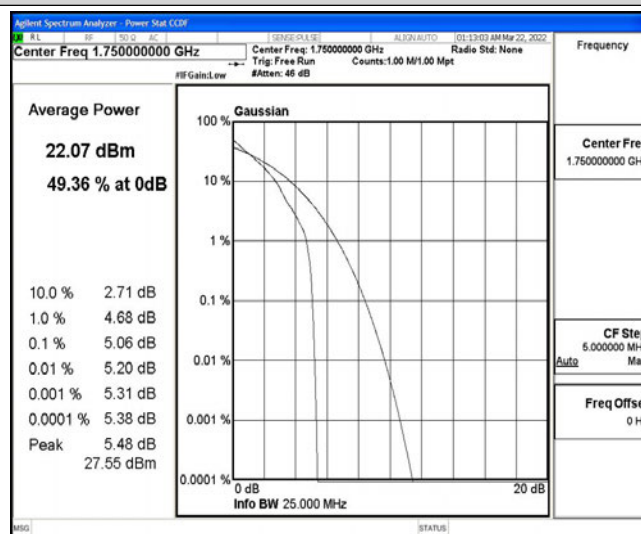
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Band4-10MHz-QPSK-20350-1RB#0



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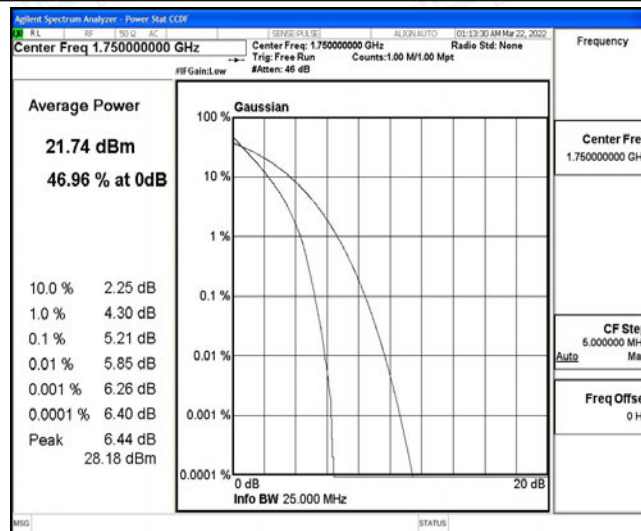


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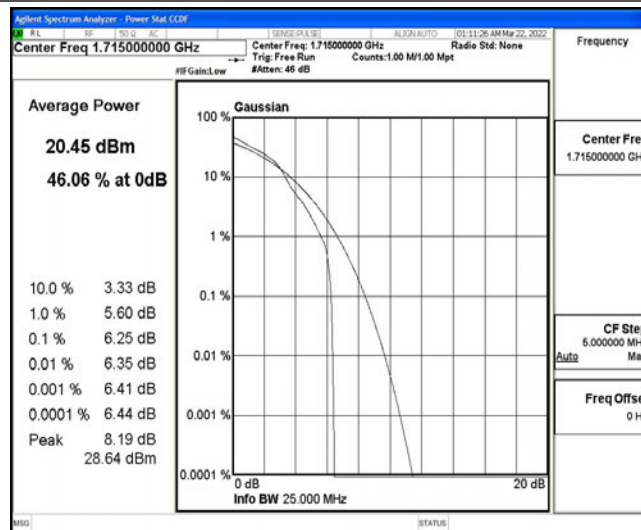
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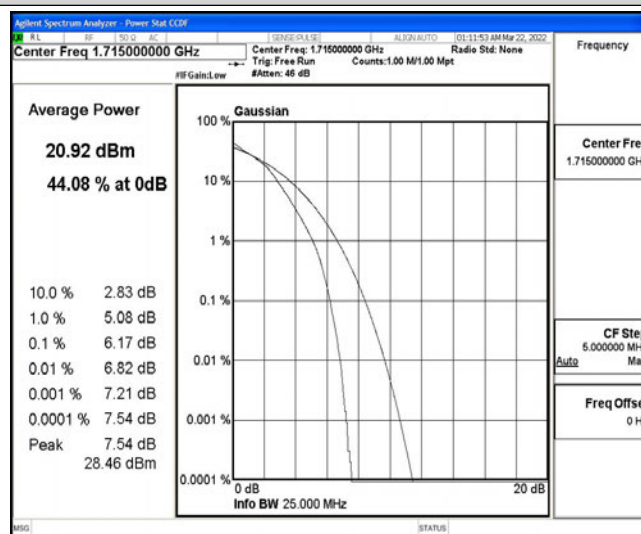
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Band4-10MHz-16QAM-20000-1RB#0



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



Band4-10MHz-16QAM-20175-1RB#0

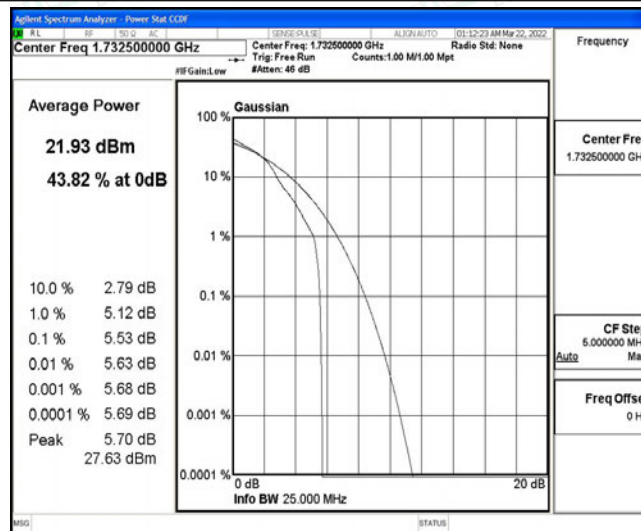


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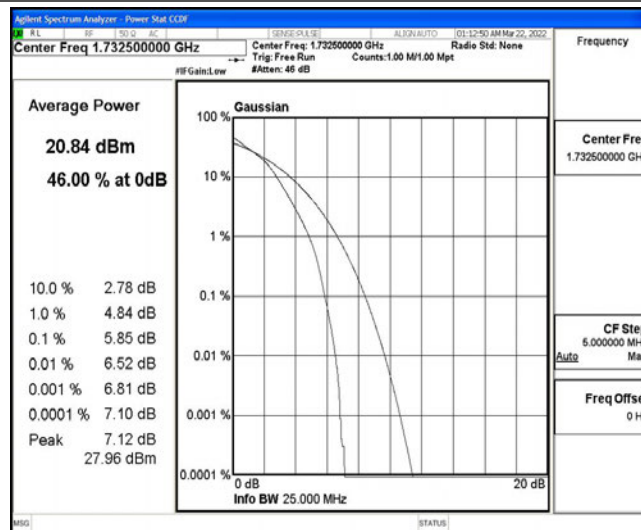
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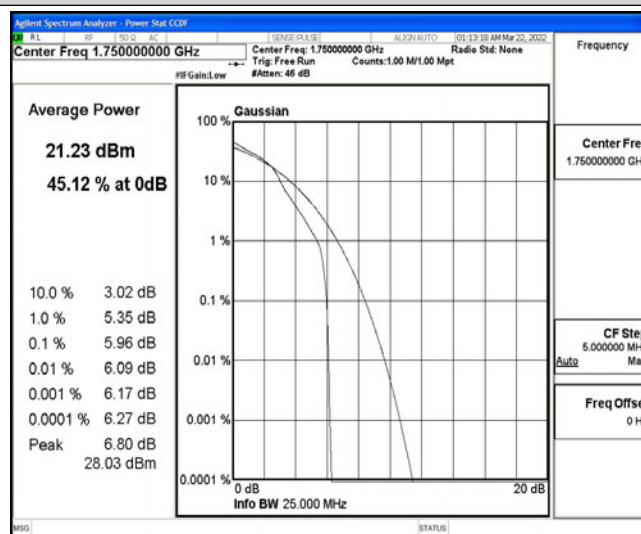
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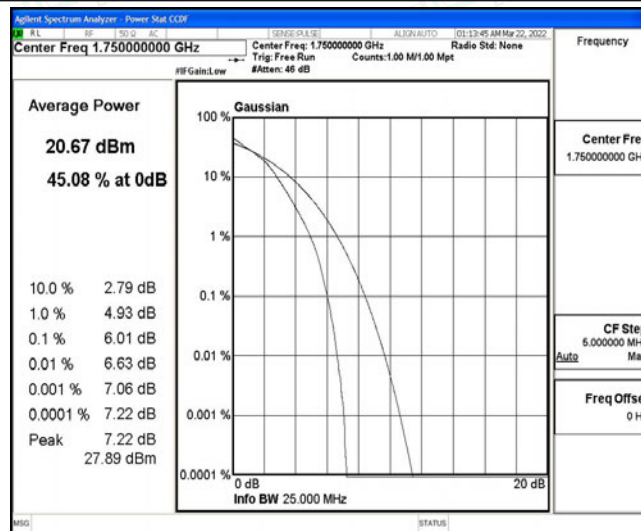


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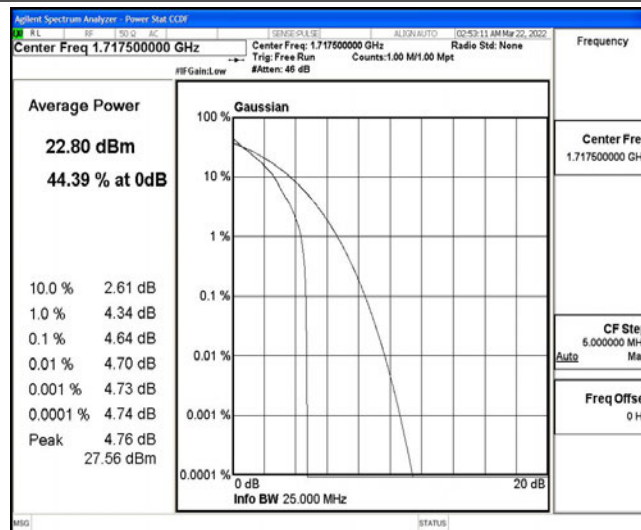
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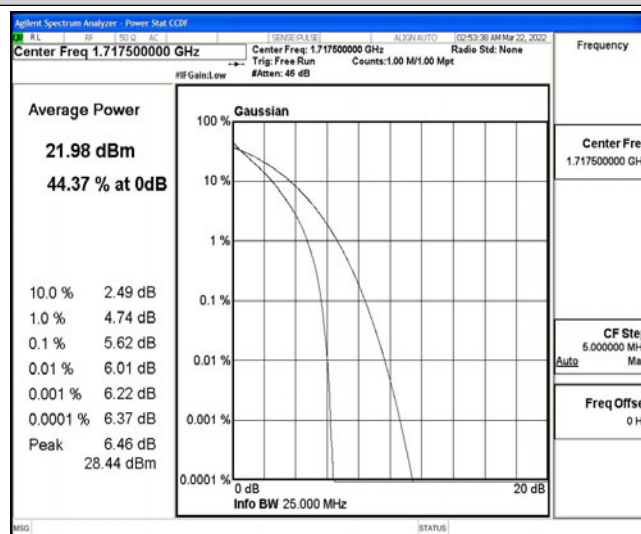
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Band4-15MHz-QPSK-20025-1RB#0



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



Band4-15MHz-QPSK-20175-1RB#0

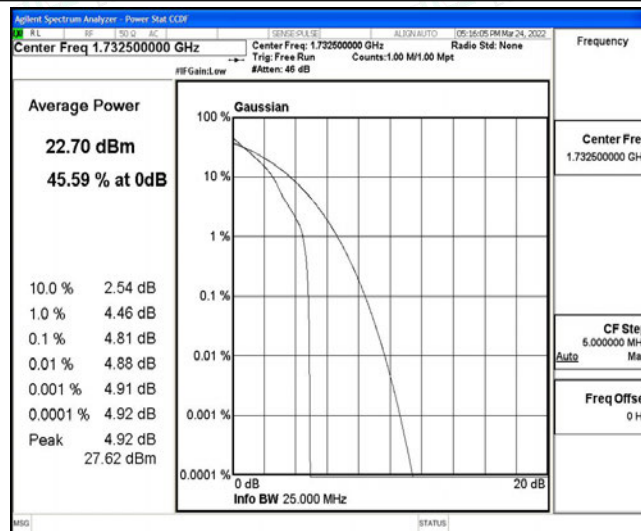


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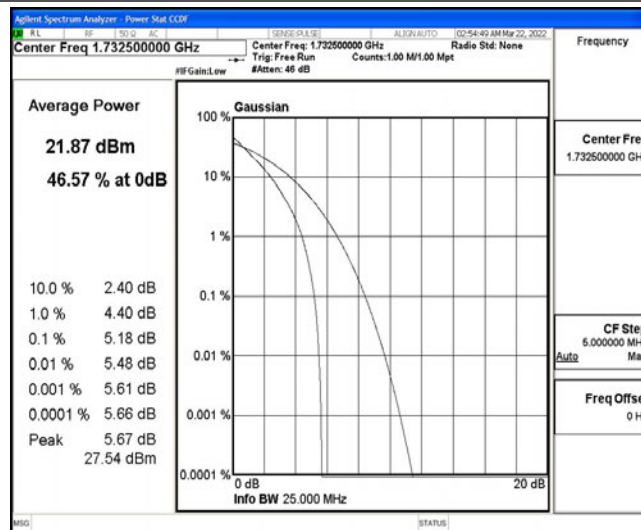
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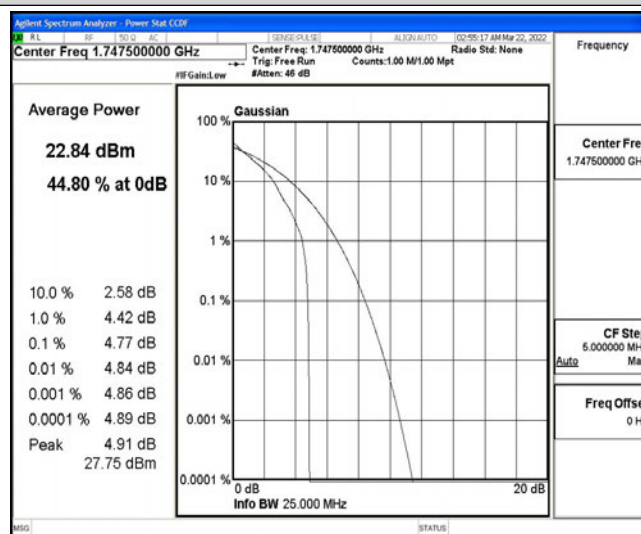
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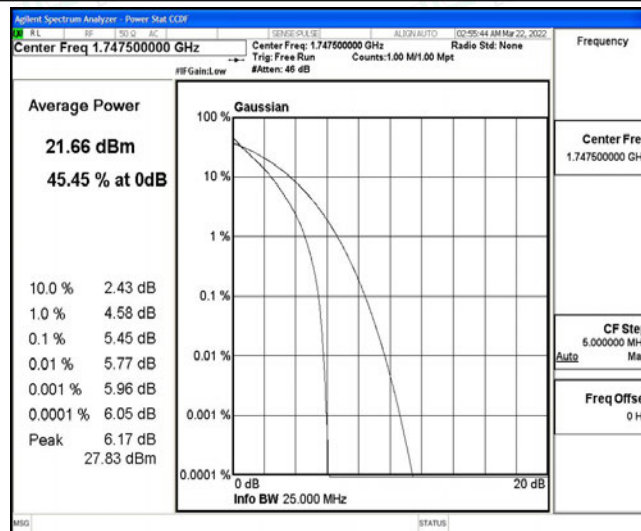


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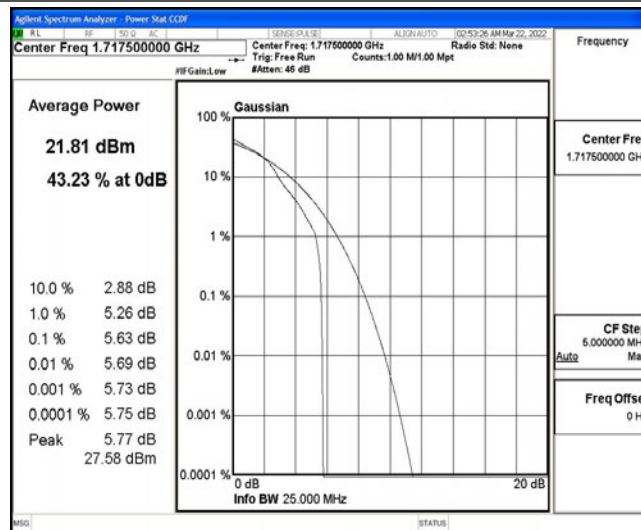
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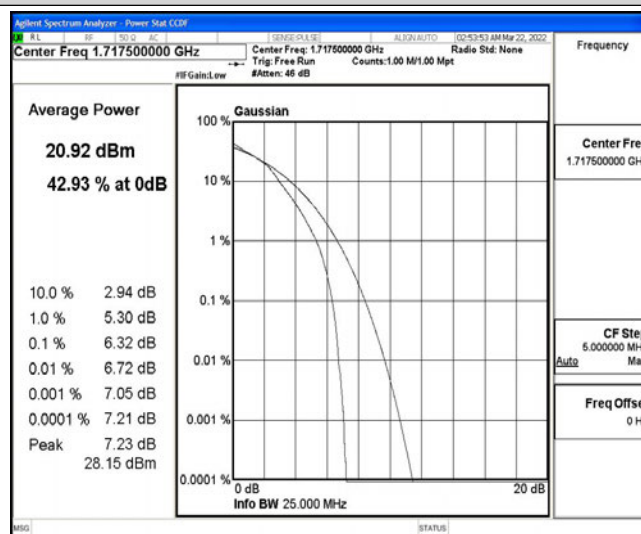
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Band4-15MHz-16QAM-20025-1RB#0



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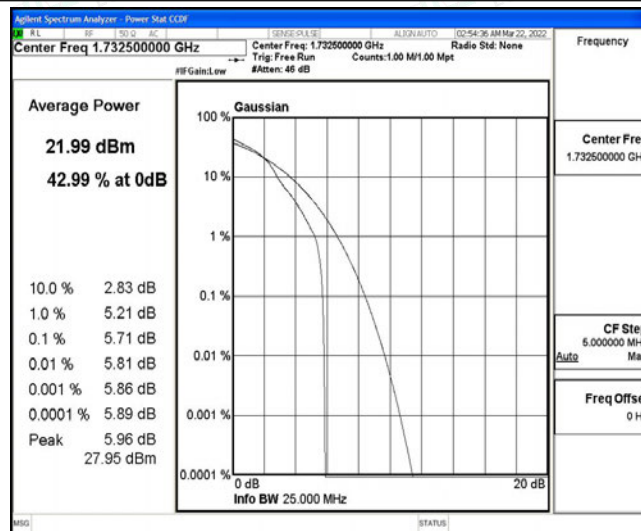


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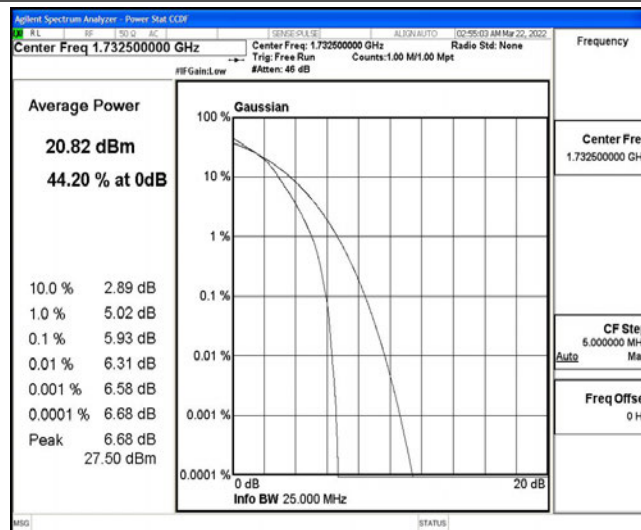
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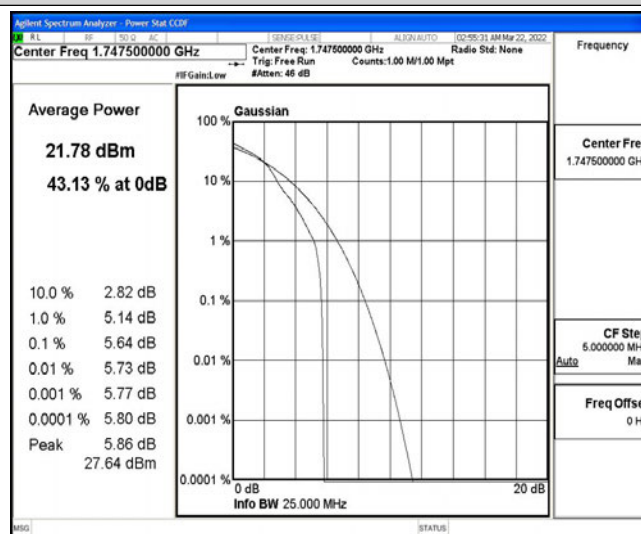
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Band4-15MHz-16QAM-20325-1RB#0



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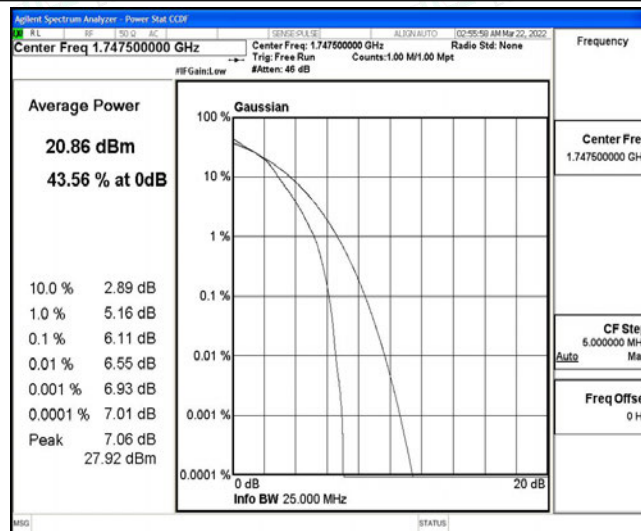


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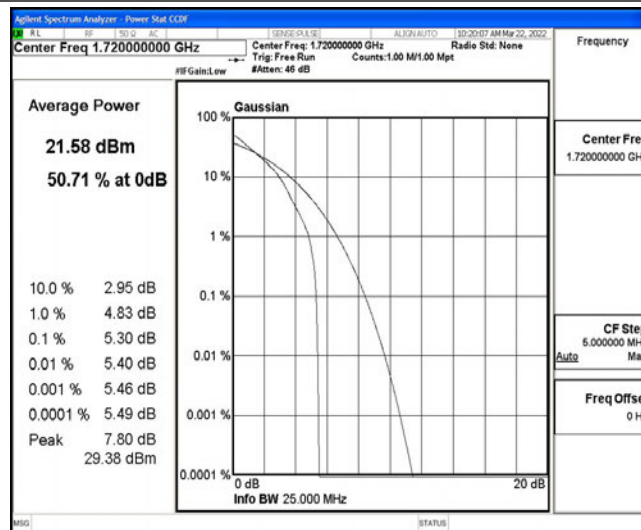
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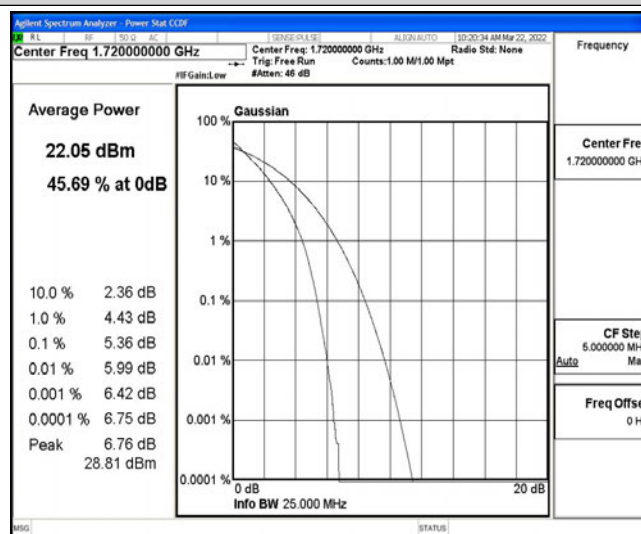
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Band4-20MHz-QPSK-20050-1RB#0



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



Band4-20MHz-QPSK-20175-1RB#0

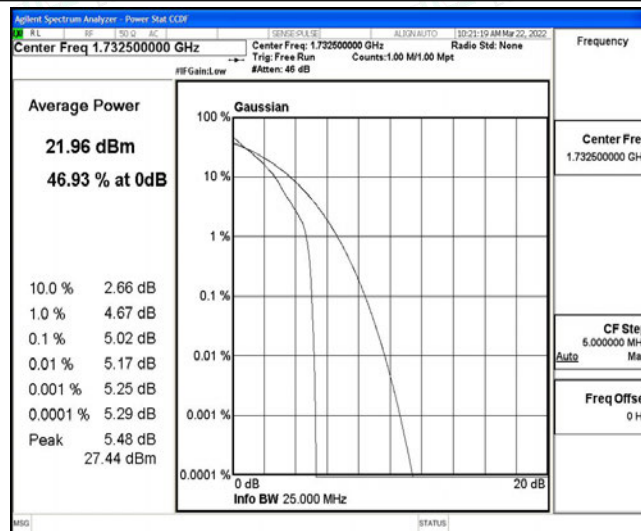


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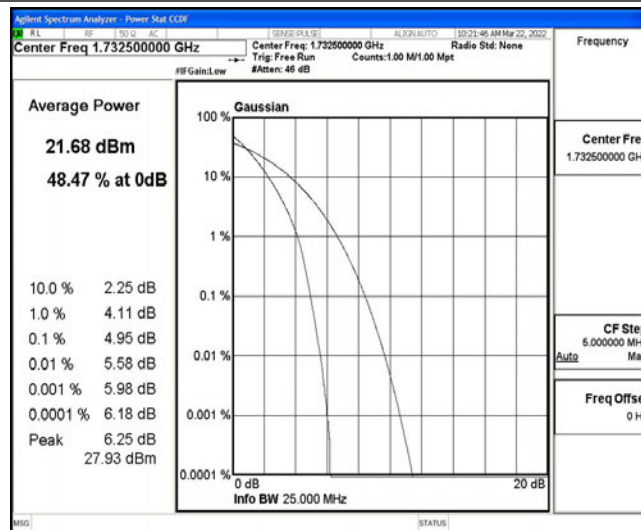
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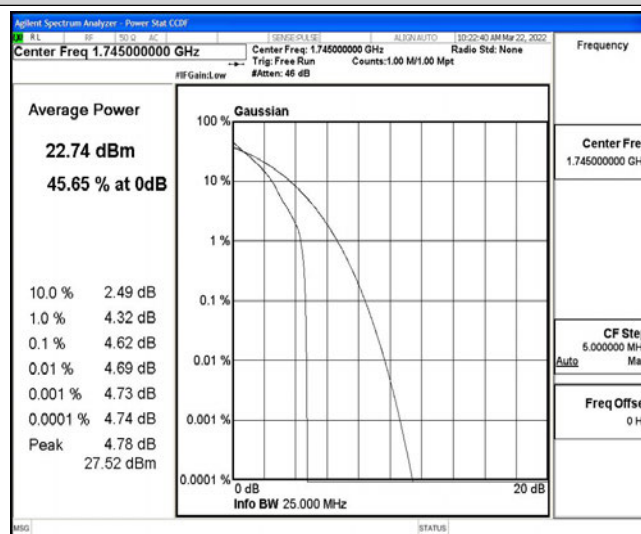
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Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



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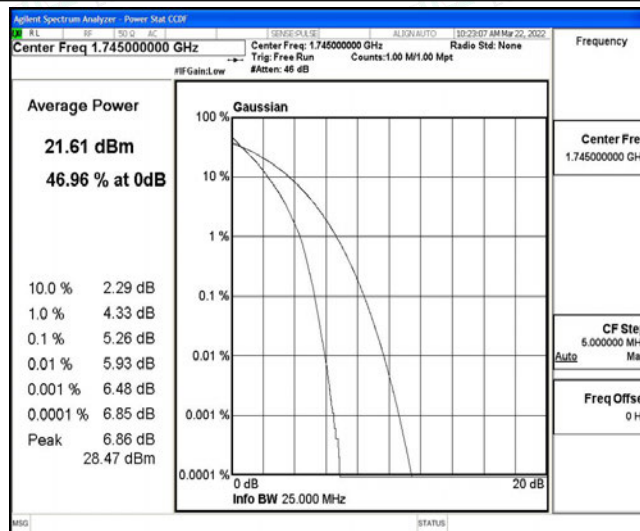


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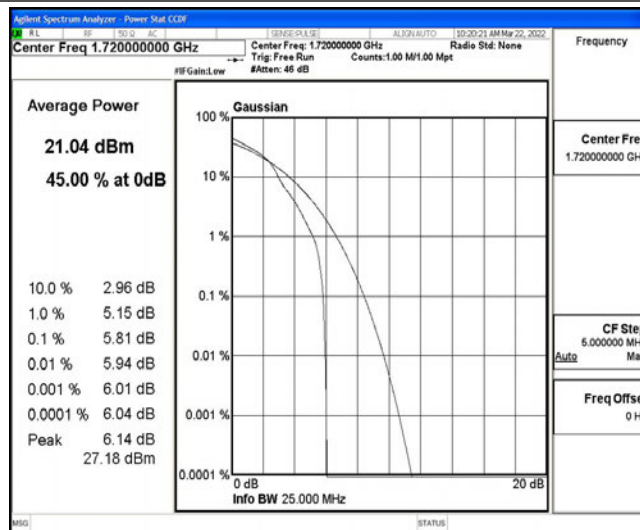
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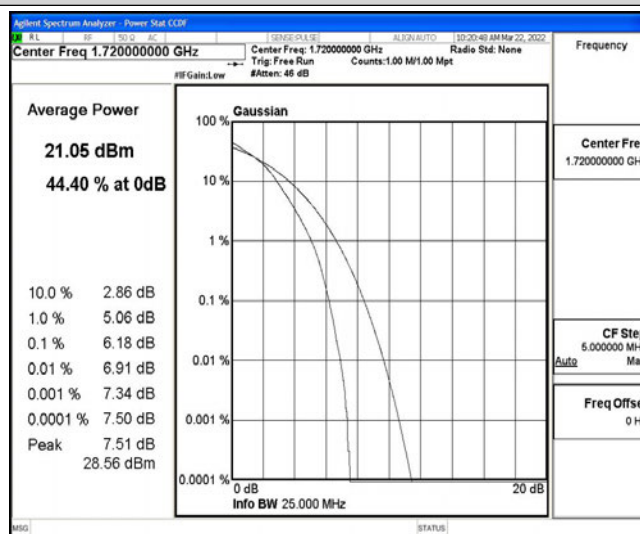
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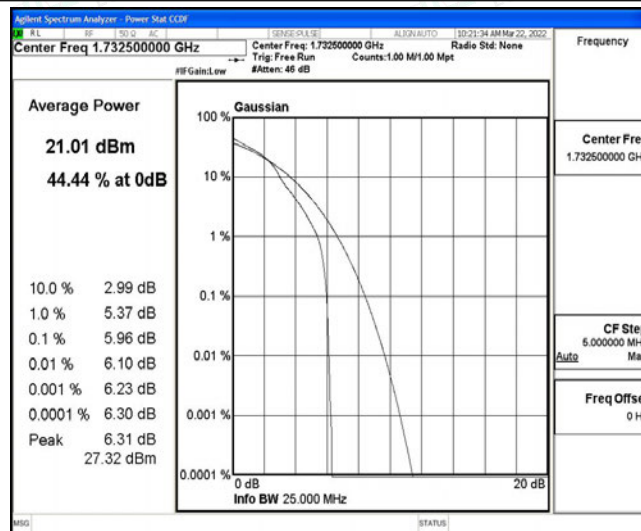


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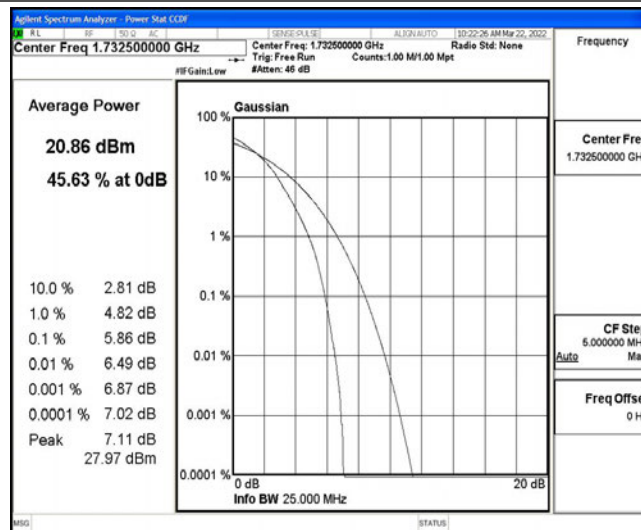
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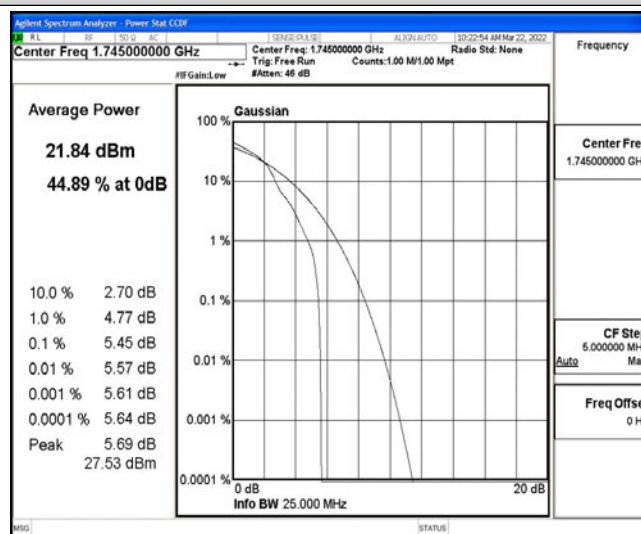
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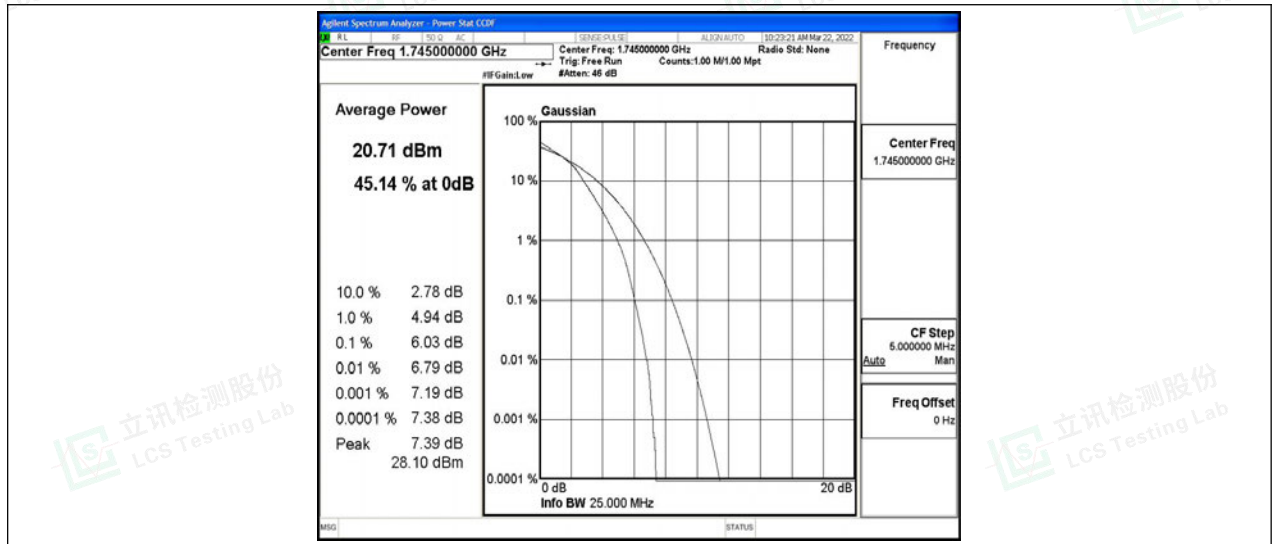


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0908	1.288	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0939	1.291	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0993	1.274	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0969	1.284	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0941	1.287	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0961	1.307	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7051	2.973	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6989	2.947	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6969	2.967	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6918	2.966	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6916	2.965	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6903	2.980	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5162	5.021	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5033	5.030	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4957	4.998	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5075	4.986	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5034	4.982	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5107	5.022	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9827	9.927	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9690	9.879	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9835	9.940	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9872	9.916	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9612	9.821	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9542	9.877	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.512	14.74	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.408	14.67	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.458	14.68	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.474	14.72	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.403	14.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.420	14.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.999	19.70	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.824	19.32	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.896	19.36	PASS



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Band4	20MHz	16QAM	20050	100RB#0	17.901	19.31	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.798	19.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.917	19.40	PASS



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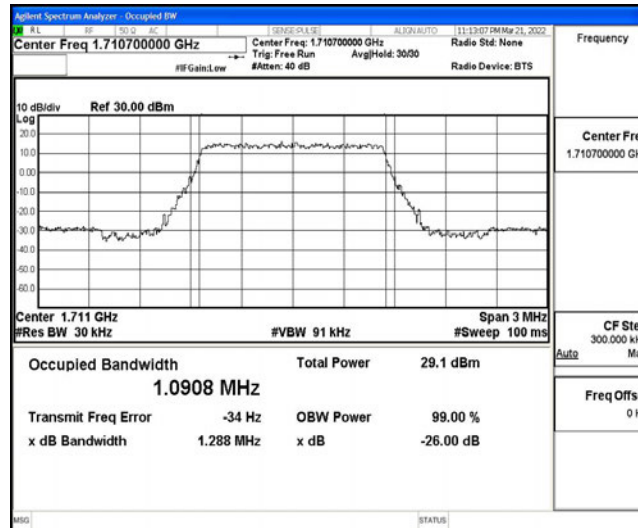
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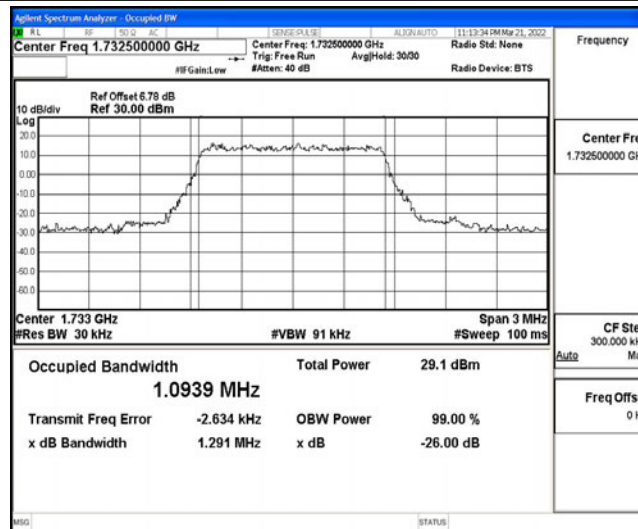


Test Graphs

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



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



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

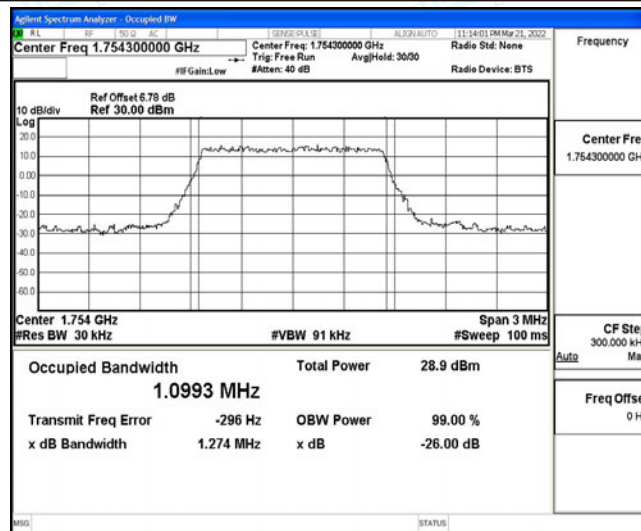


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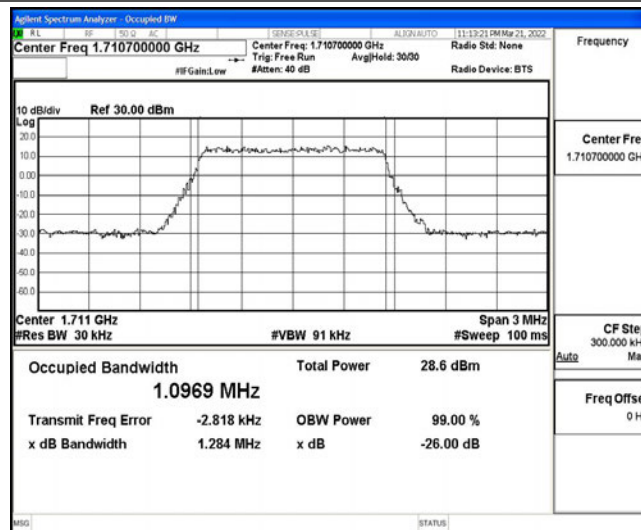
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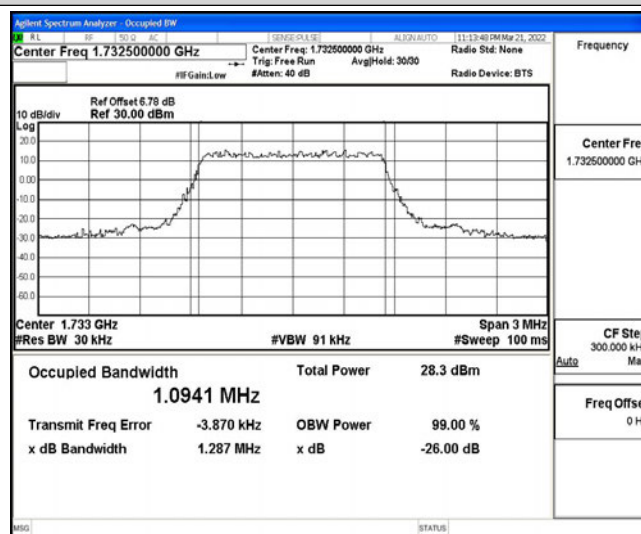
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Band4-1.4MHz-16QAM-19957-6RB#0



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



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

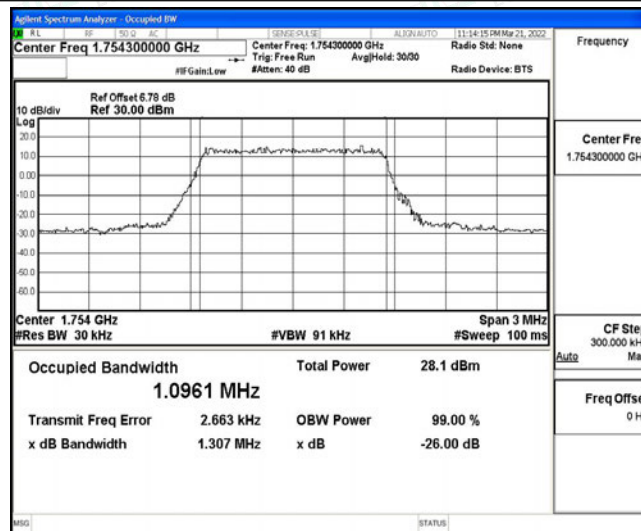


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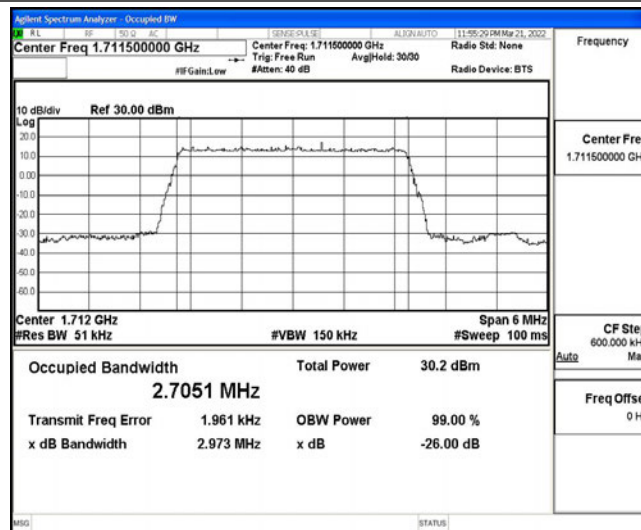
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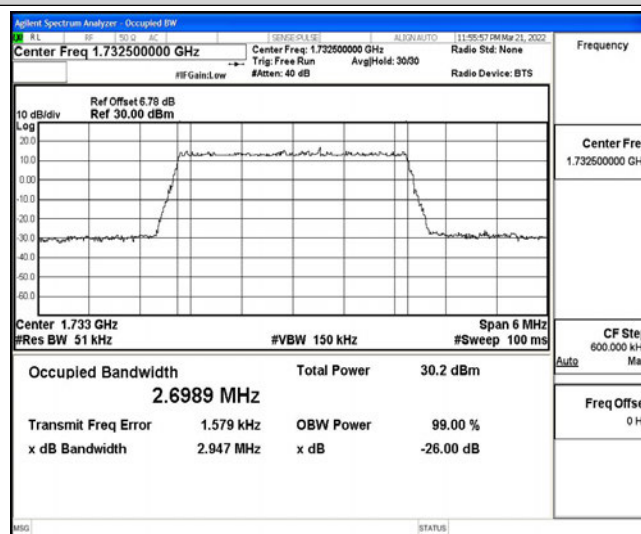
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Band4-3MHz-QPSK-20175-15RB#0



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

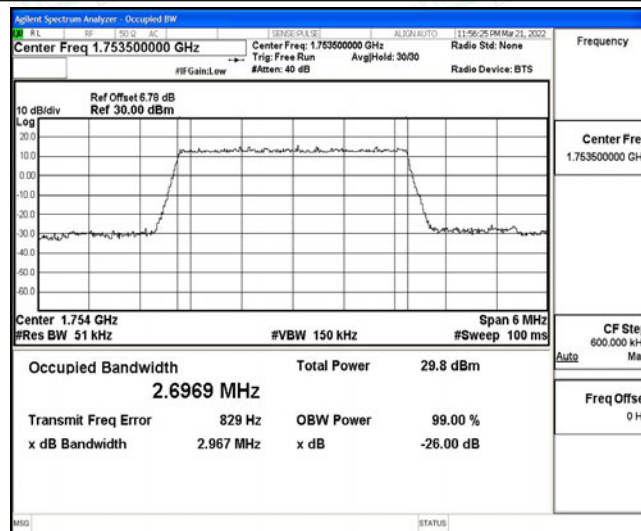


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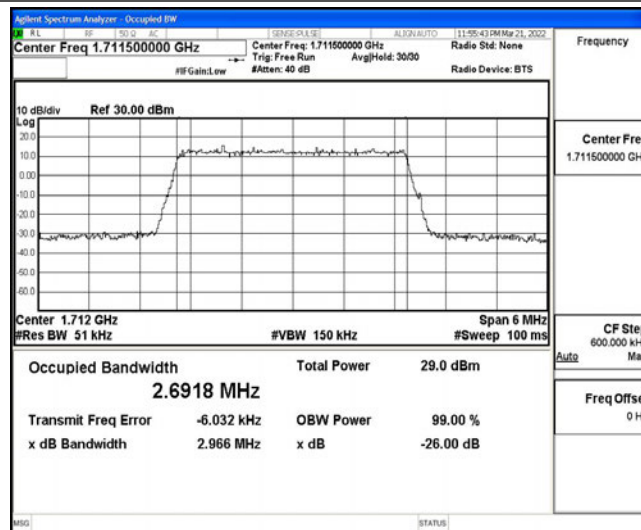
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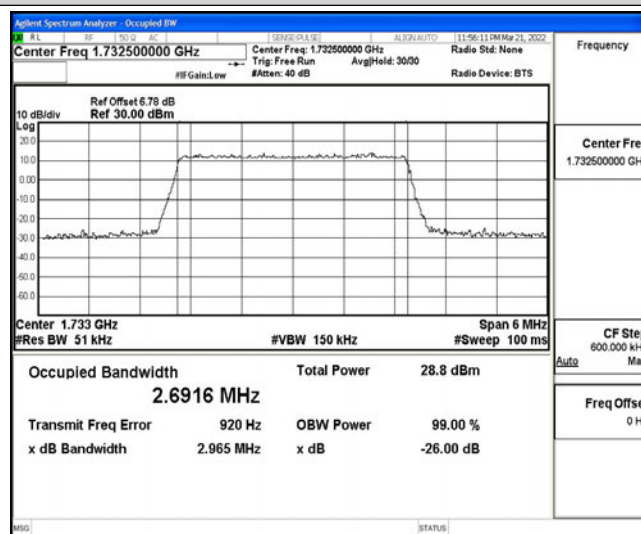
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Band4-3MHz-16QAM-19965-15RB#0



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



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

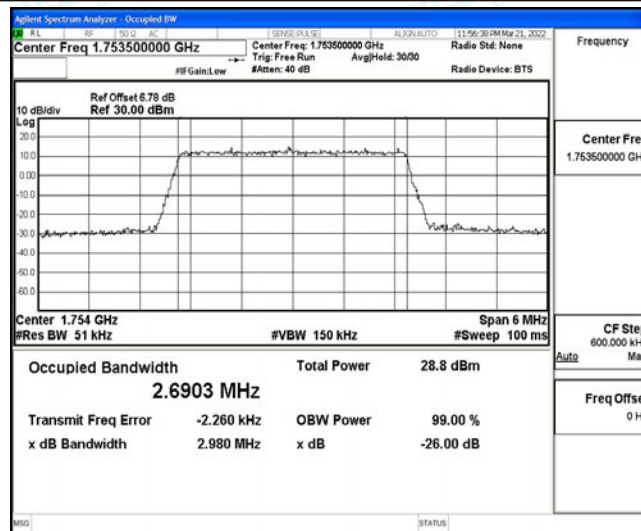


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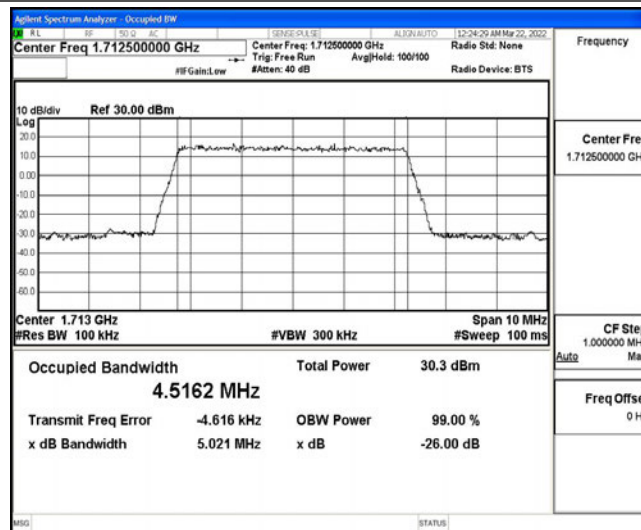
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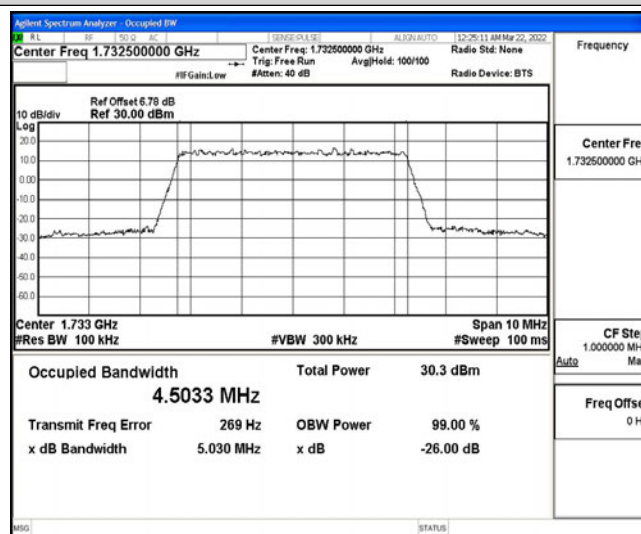
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Band4-5MHz-QPSK-19975-25RB#0



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



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

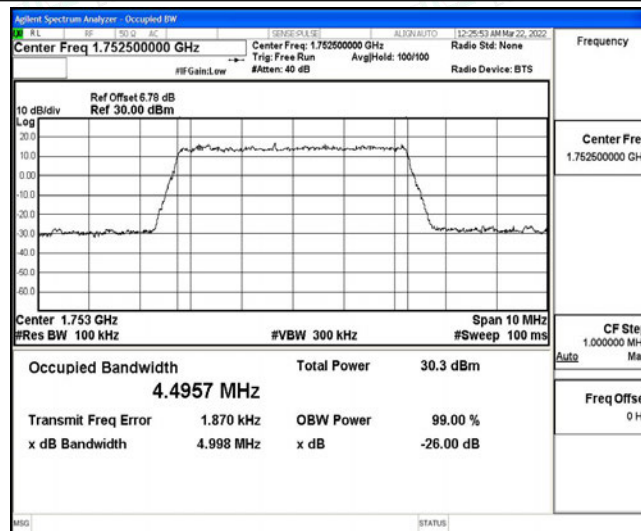


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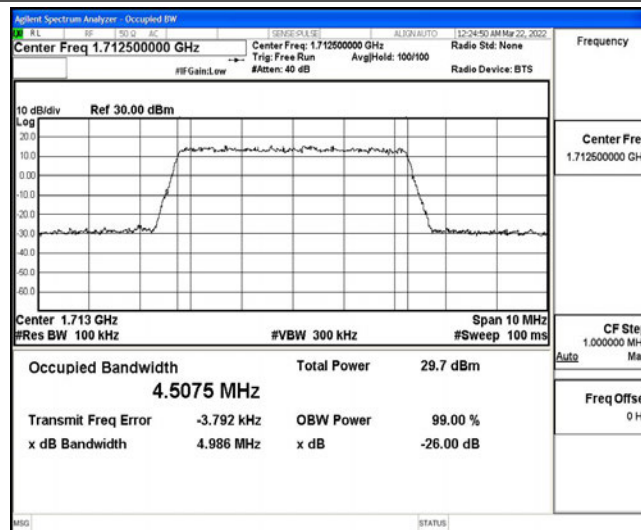
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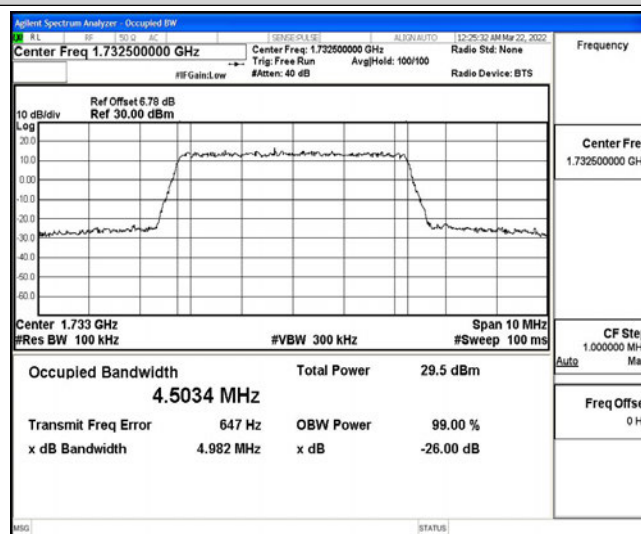
Scan code to check authenticity



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



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



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

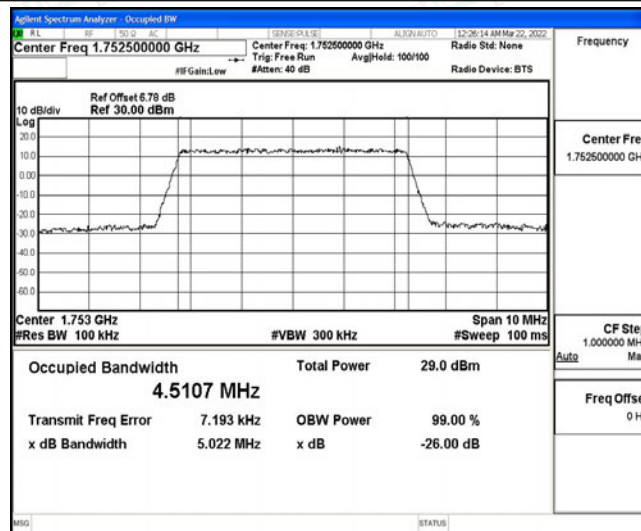


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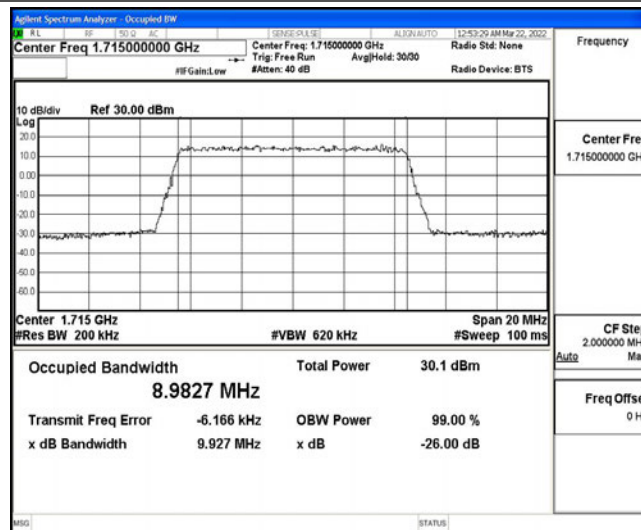
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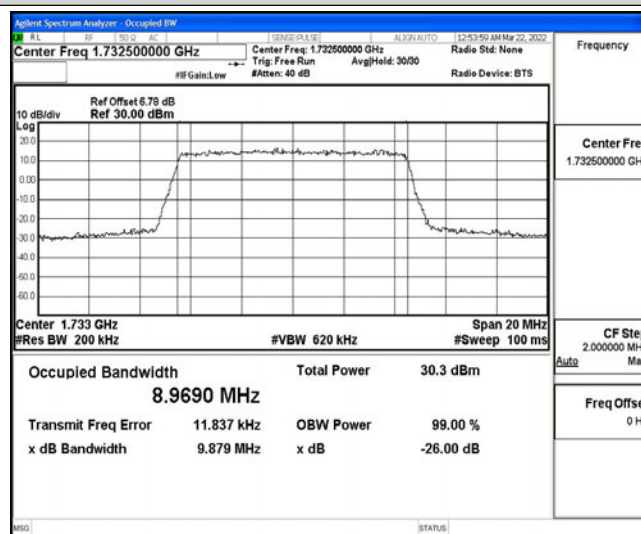
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Band4-10MHz-QPSK-20000-50RB#0



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



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

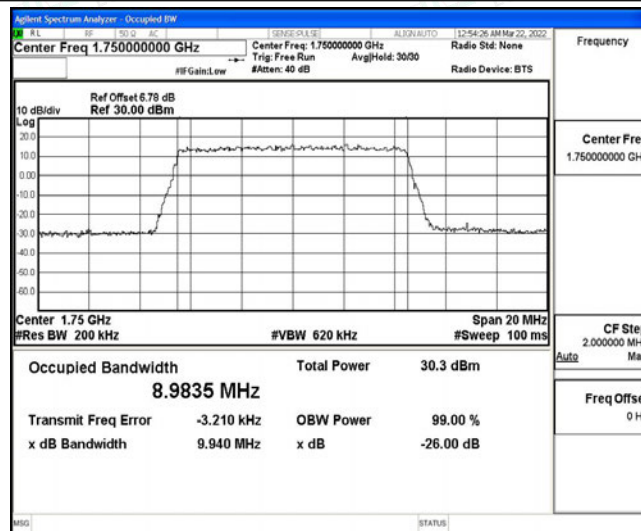


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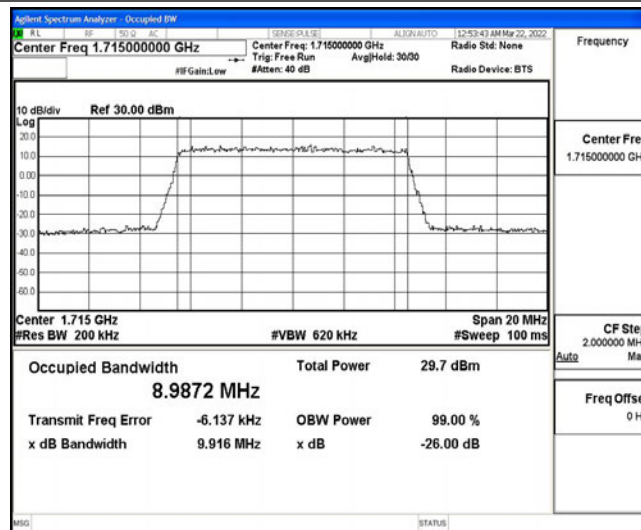
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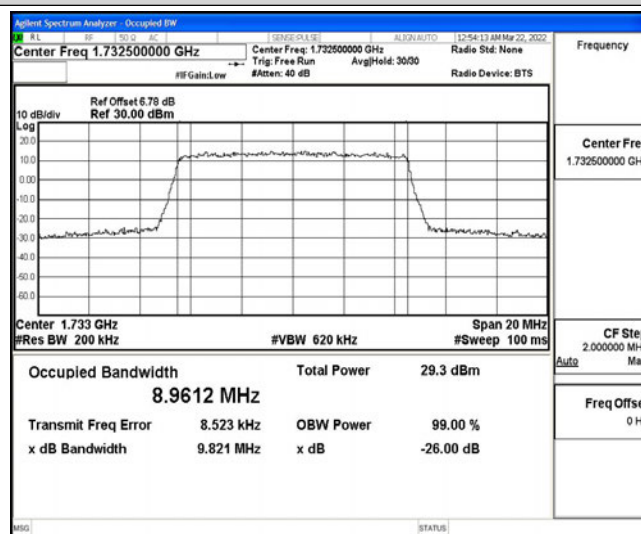
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Band4-10MHz-16QAM-20000-50RB#0



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



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



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