



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: Vision

Environmental Conditions

Temperature:	23.4° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



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E.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.98	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.16	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.10	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.19	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.99	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.99	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.02	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.02	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.06	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.03	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.99	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.11	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.13	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.15	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.10	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.33	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.47	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.66	PASS



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Band4	1.4MHz	16QAM	20175	1RB#5	21.46	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.74	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.73	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.75	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.10	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.83	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.80	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.96	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.95	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.08	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.02	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.02	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.99	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.14	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.15	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.14	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.98	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.96	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.93	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.93	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.01	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.97	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.94	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.25	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.23	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.33	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.02	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.10	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.96	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.22	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.13	PASS



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Band4	3MHz	16QAM	19965	1RB#14	21.16	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.34	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.33	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.32	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.25	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.11	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.98	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.99	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.26	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.26	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.14	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.07	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.13	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.07	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.17	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.25	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.25	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.36	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.06	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.08	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.11	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.11	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.14	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.14	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.18	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.06	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.07	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.01	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.90	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.85	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.05	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.16	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.11	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.07	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.09	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.09	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.47	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.44	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.44	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.15	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.17	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.16	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.25	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.36	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.33	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.30	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.11	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.11	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.98	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.09	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.89	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.94	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.98	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.12	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.12	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.95	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.98	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.97	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.91	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.13	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.11	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.95	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.08	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.99	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.90	PASS



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Band4	10MHz	QPSK	20175	1RB#49	21.82	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.02	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.01	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.04	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.12	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.91	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.93	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.96	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.05	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.93	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.90	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.90	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.13	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.10	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.08	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.15	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.86	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.82	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.76	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.96	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.96	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.89	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.04	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.67	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.74	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.76	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.19	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.14	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.18	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.07	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.95	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.90	PASS



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Band4	15MHz	QPSK	20025	1RB#74	21.82	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.92	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.92	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.02	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.87	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.84	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.05	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.04	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.03	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.04	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.93	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.01	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.08	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.92	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.94	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.94	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.93	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.82	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.77	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.91	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.02	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.12	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.86	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.82	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.81	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.04	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.03	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.04	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.18	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.30	PASS



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Band4	15MHz	16QAM	20325	1RB#74	21.36	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.93	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.94	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.94	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.10	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.26	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.19	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.03	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.98	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.09	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.96	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.09	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.25	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.11	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.07	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.89	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.88	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.77	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.06	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.12	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.09	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.20	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.96	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.99	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.91	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.94	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.89	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.80	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.63	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.23	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.25	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.12	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.10	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.82	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.74	PASS



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Band4	20MHz	16QAM	20175	1RB#99	20.69	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.09	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.08	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.05	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.99	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.20	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.26	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.35	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.80	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.00	PASS





E.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.15	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.31	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.92	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.08	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.94	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.25	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.35	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.21	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.05	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.18	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.02	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.28	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.35	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.13	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.00	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.06	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.94	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.45	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.18	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.83	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.69	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.47	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.32	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.20	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.04	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.64	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.47	13	PASS



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Band4	20MHz	16QAM	20050	100RB#0	6.40	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.23	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.11	13	PASS

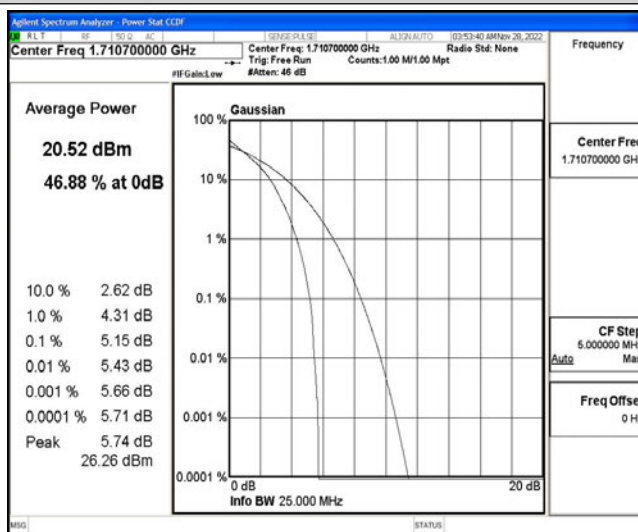


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518000, China
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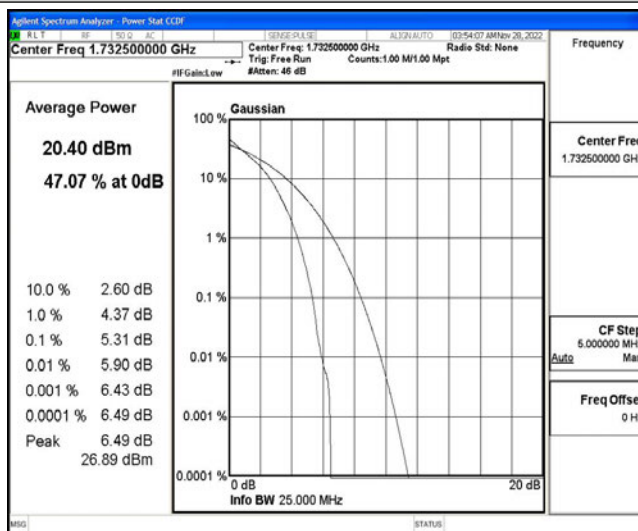


Test Graphs

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

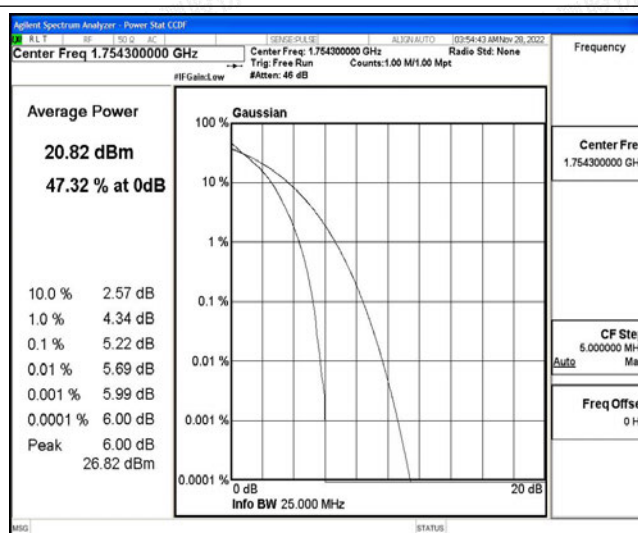


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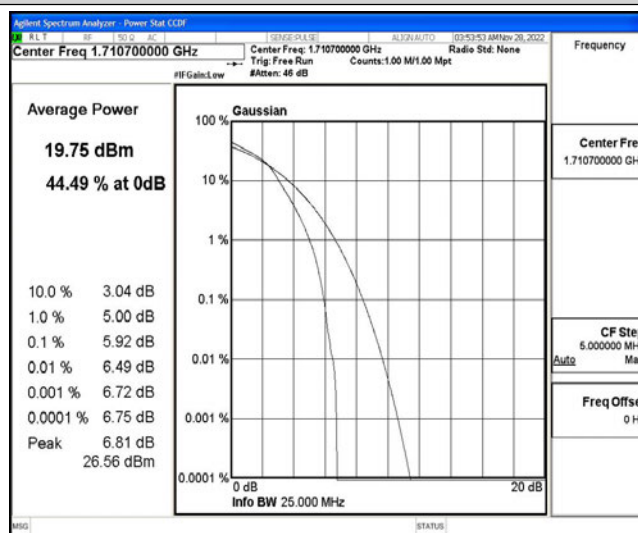


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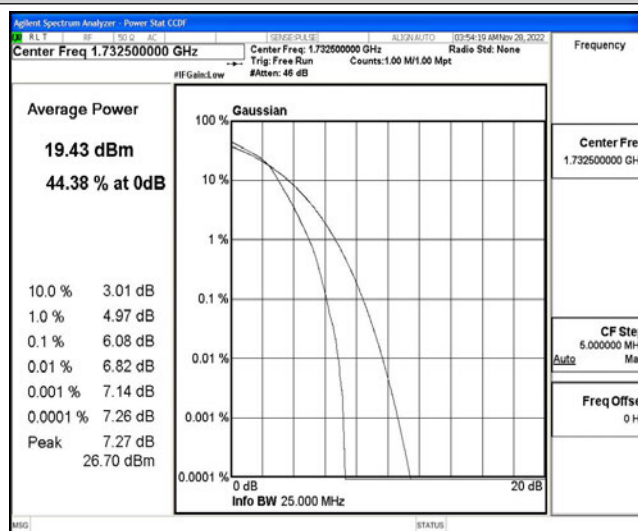




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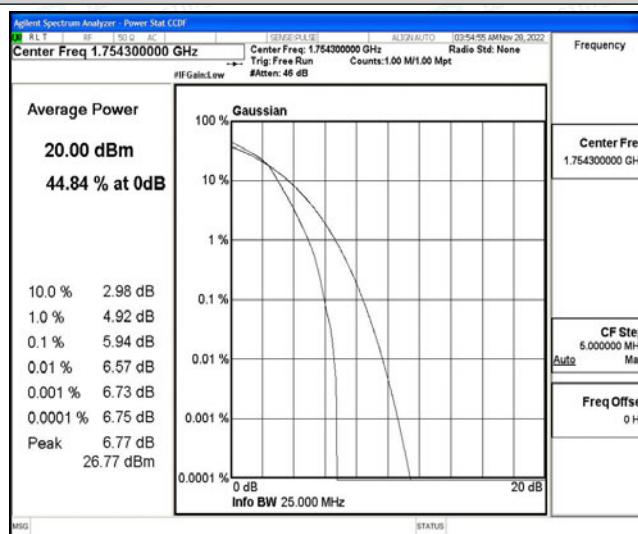


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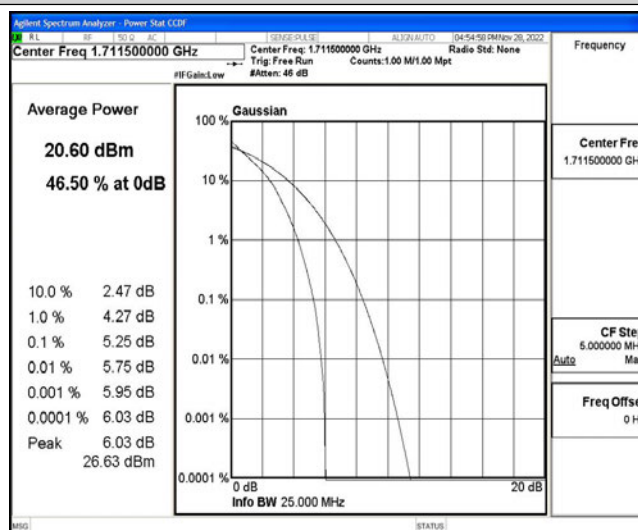




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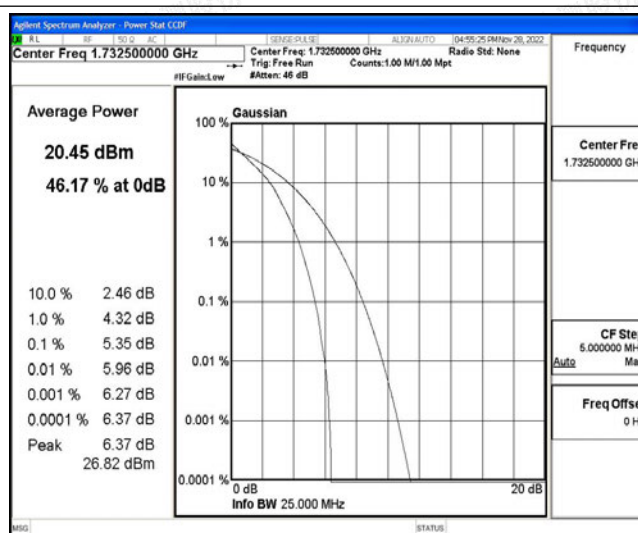


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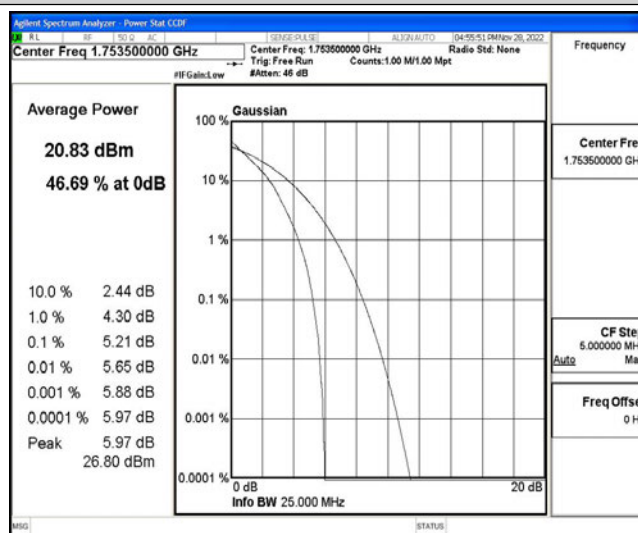


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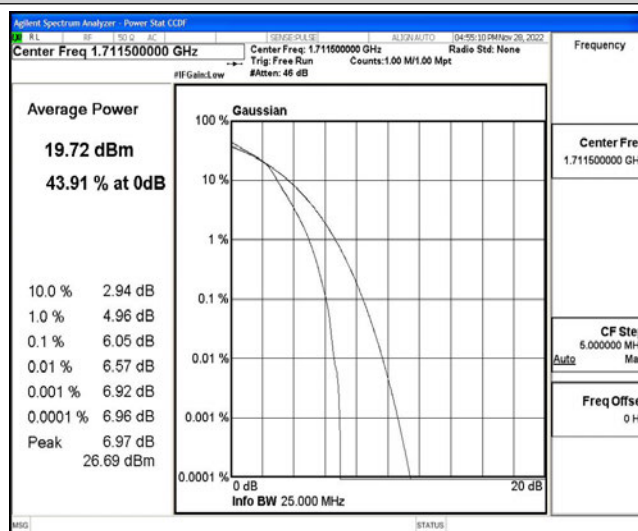




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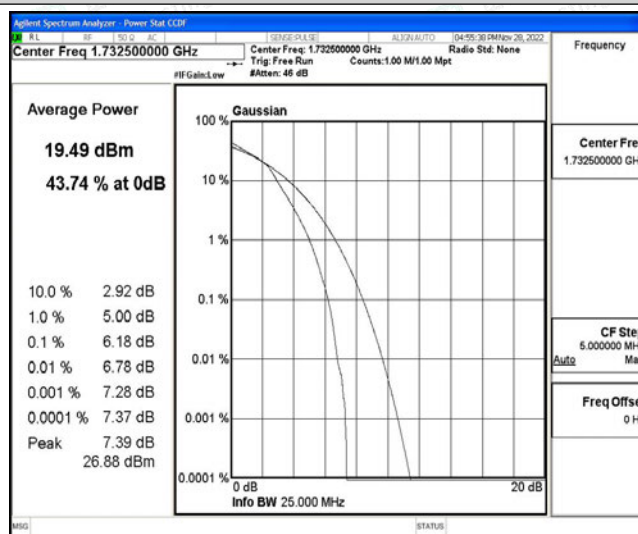


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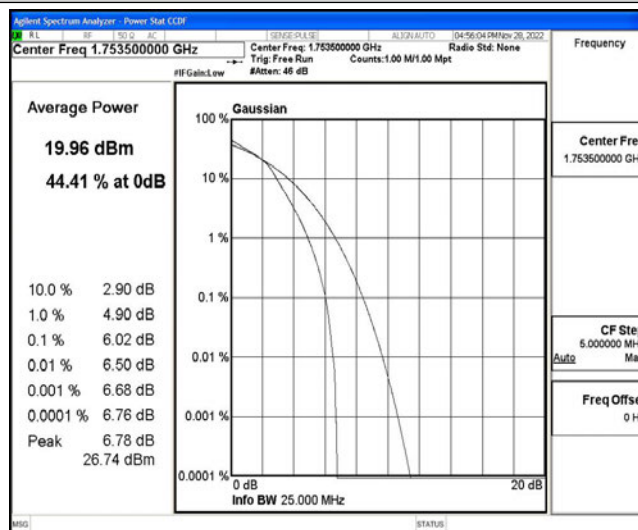




Band4-3MHz-16QAM-20175-15RB#0



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



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

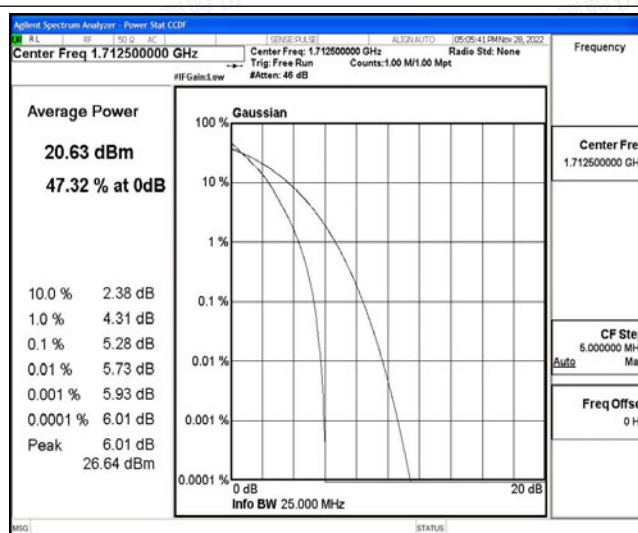


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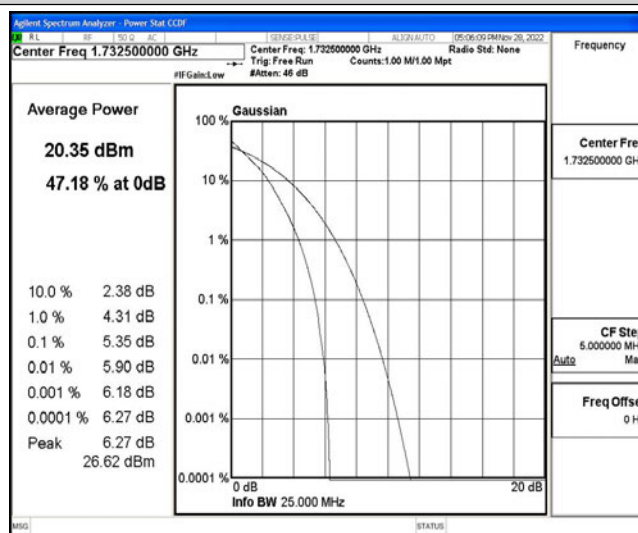
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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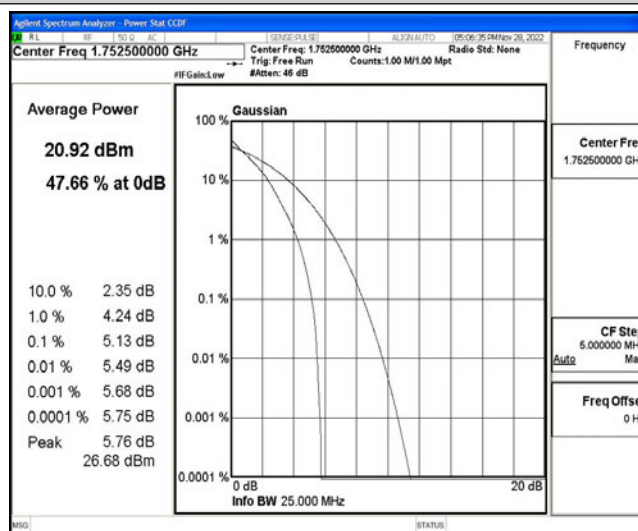
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Band4-5MHz-QPSK-20175-25RB#0

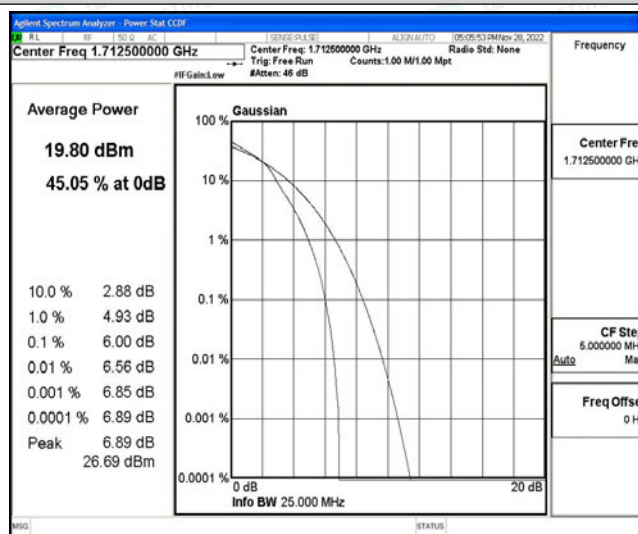


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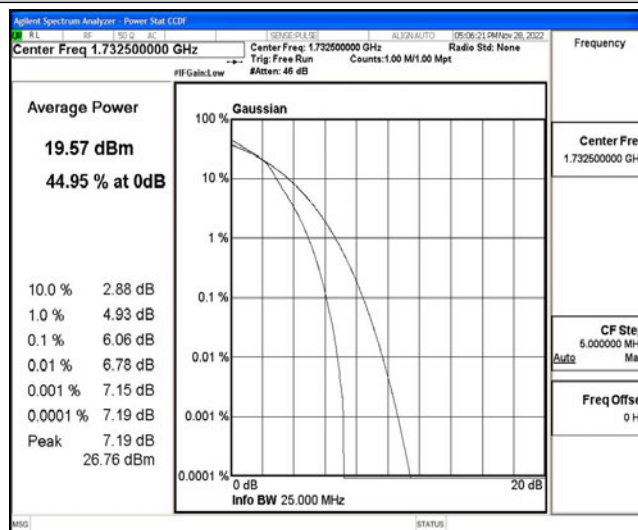




Band4-5MHz-16QAM-19975-25RB#0



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



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

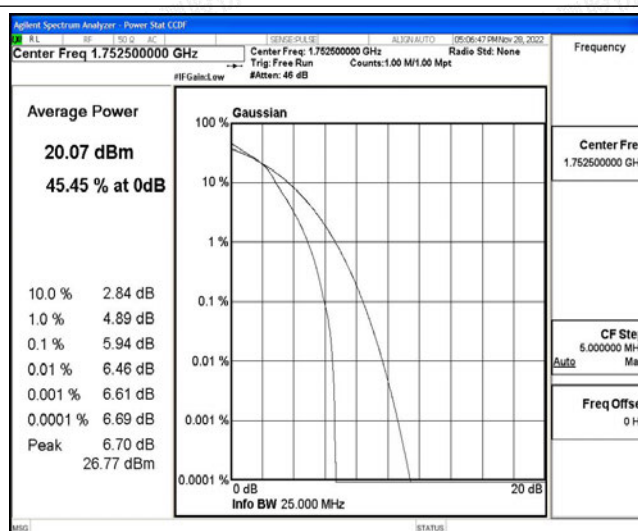


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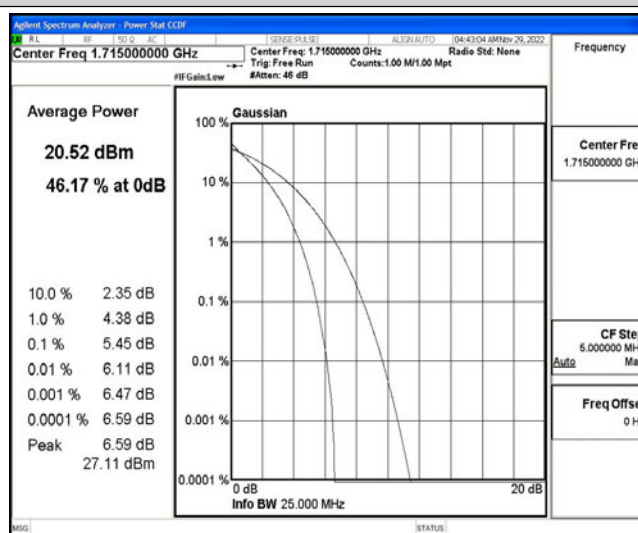
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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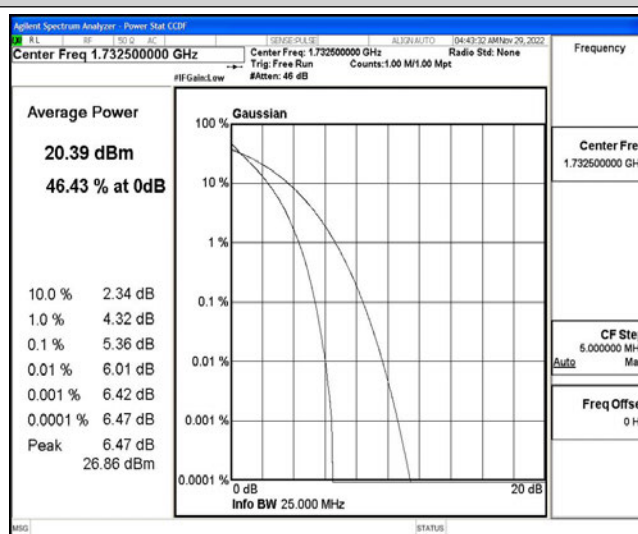
Scan code to check authenticity



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

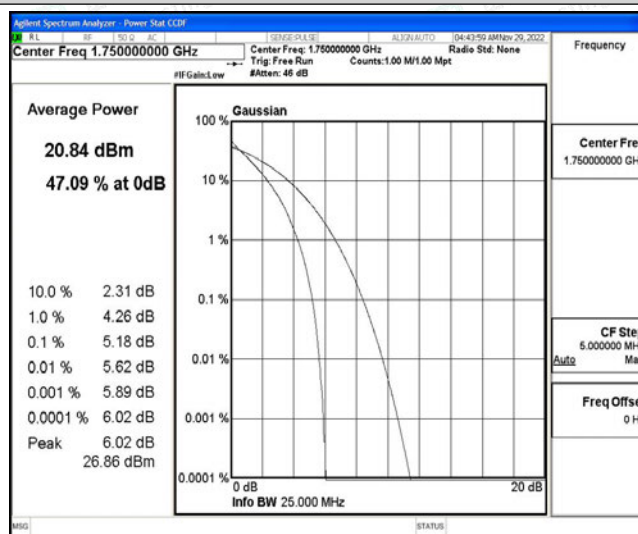


Band4-10MHz-QPSK-20175-50RB#0

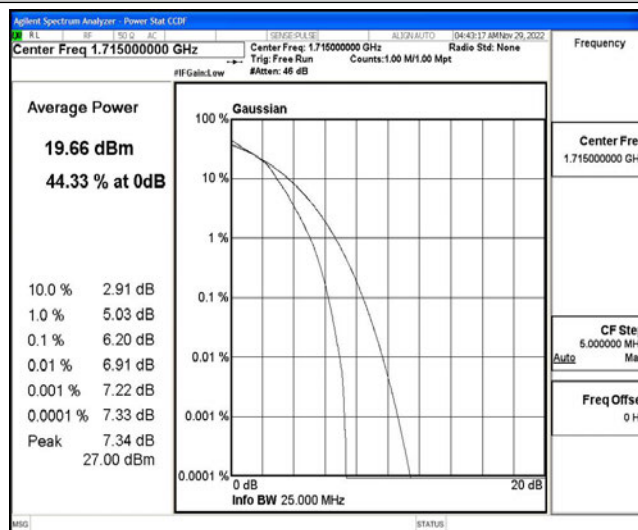




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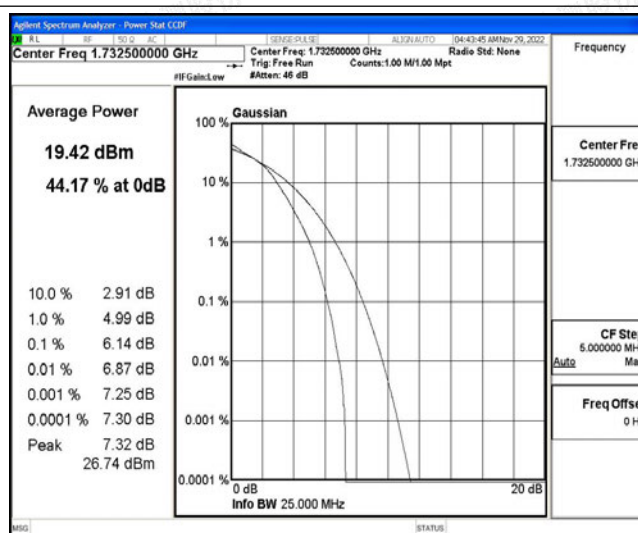


Band4-10MHz-16QAM-20000-50RB#0

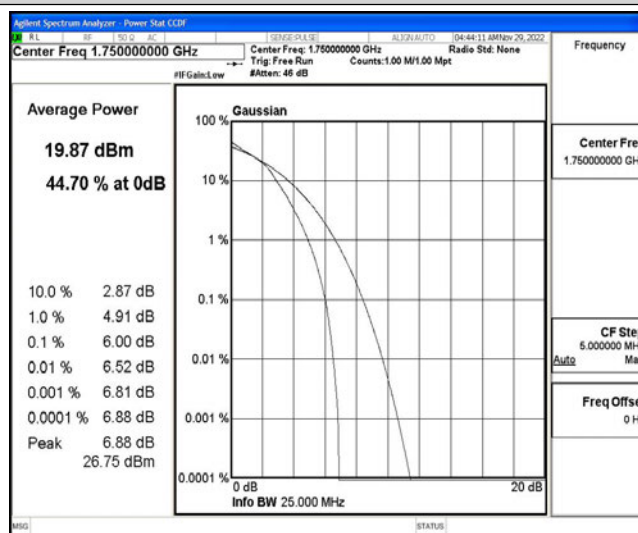


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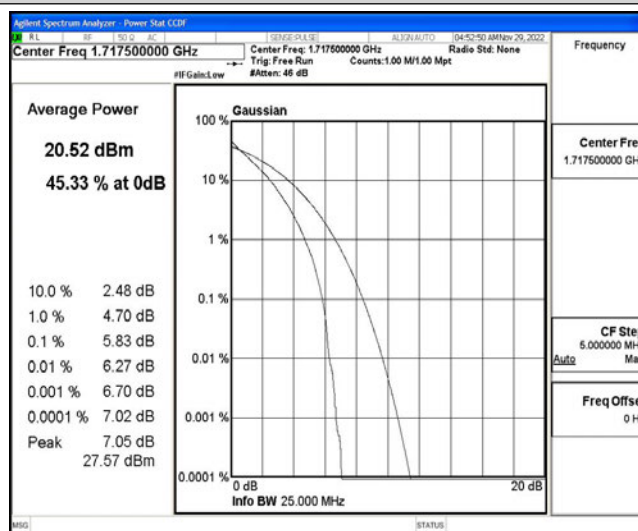




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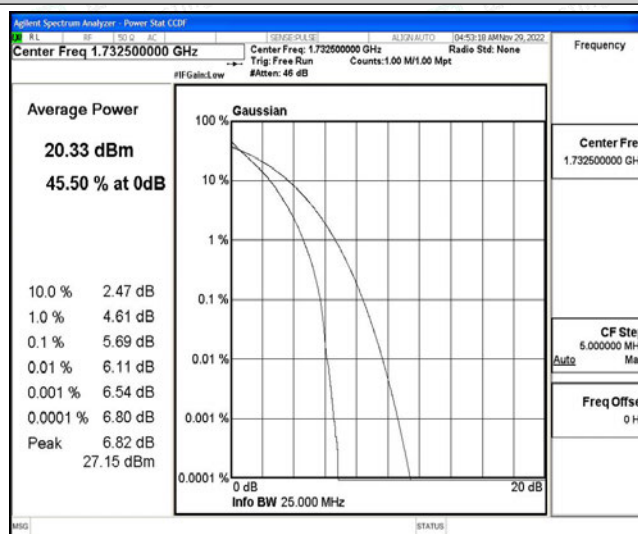


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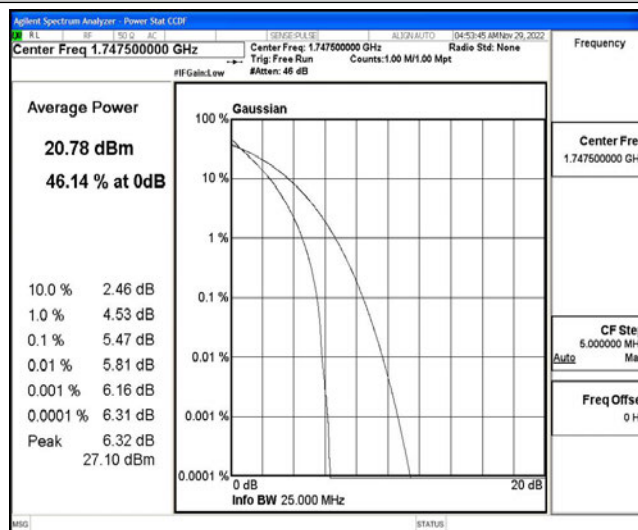




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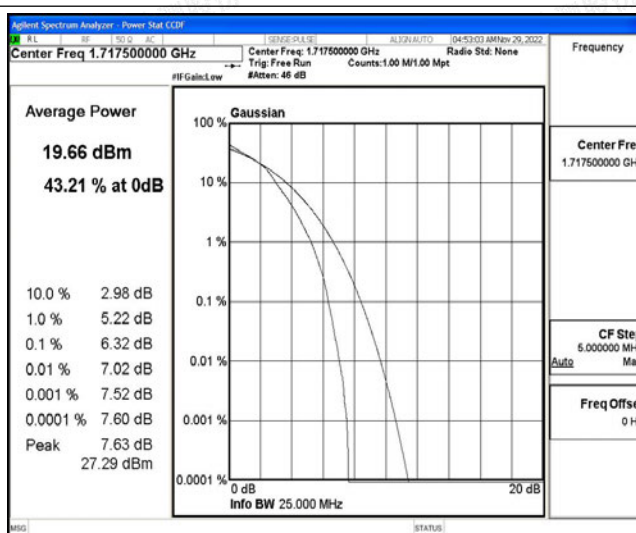


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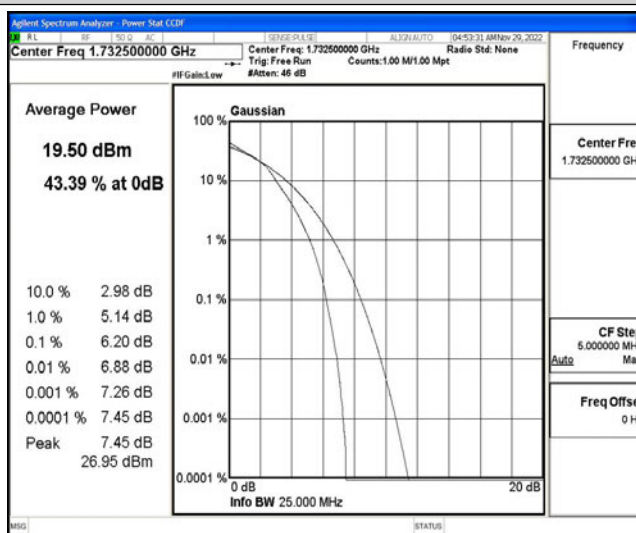


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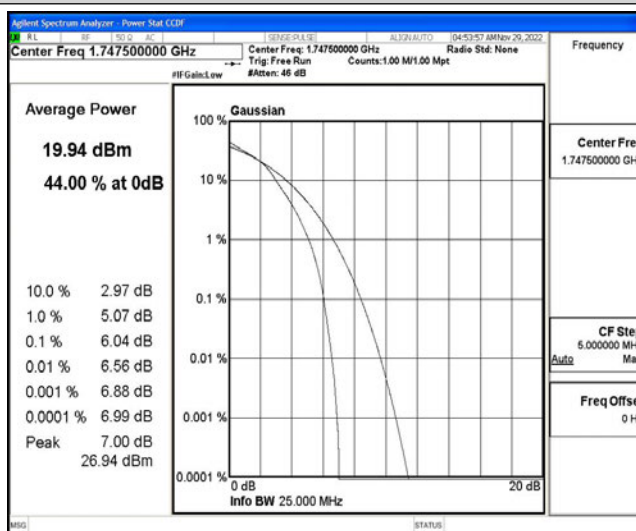




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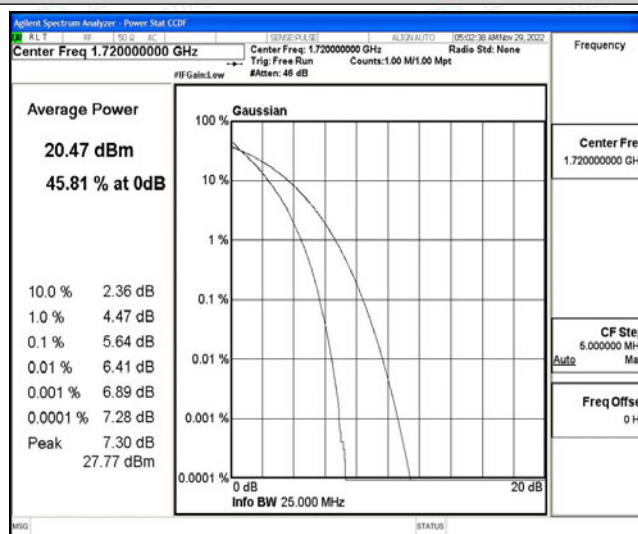


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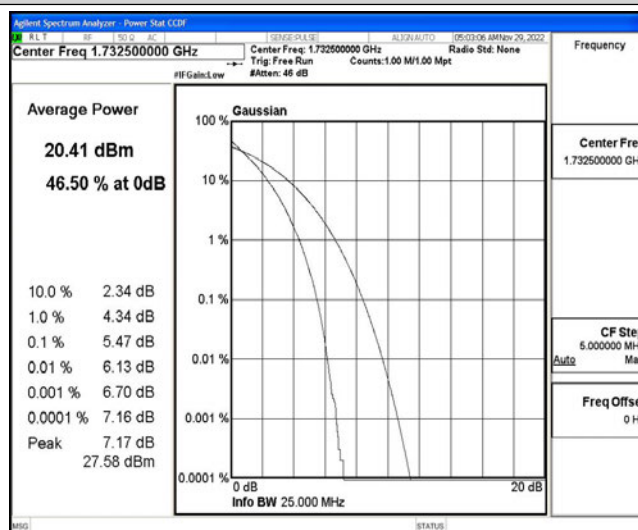




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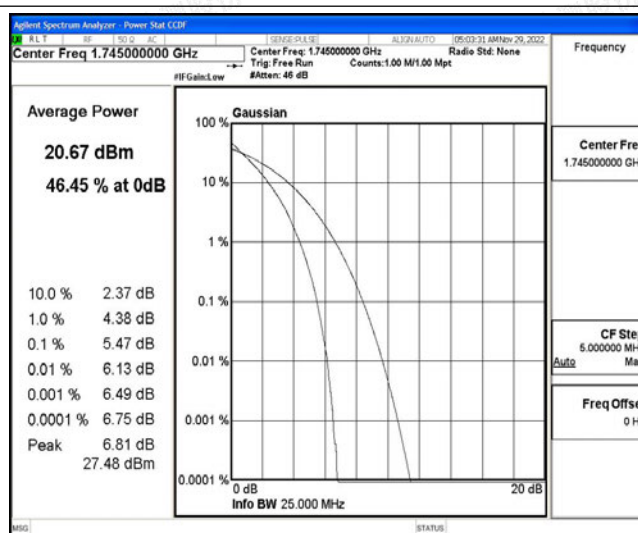


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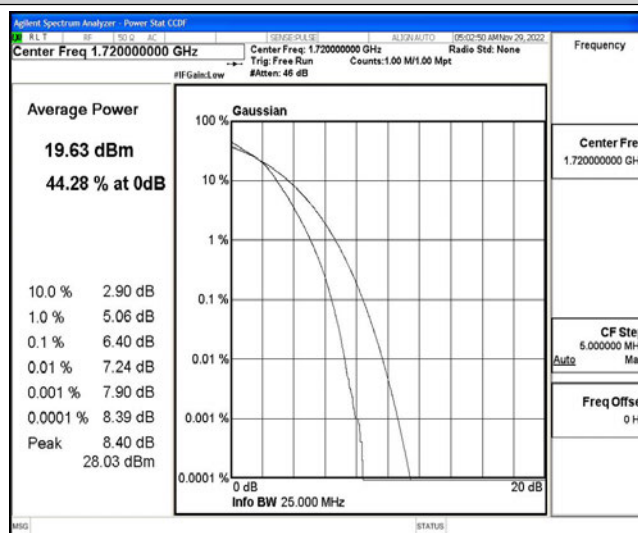


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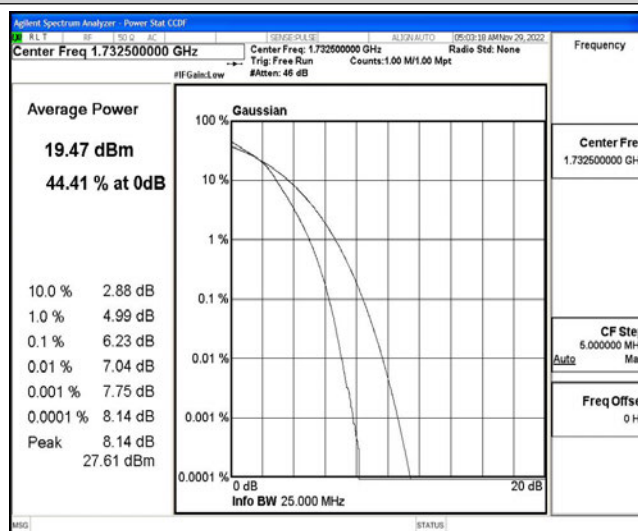




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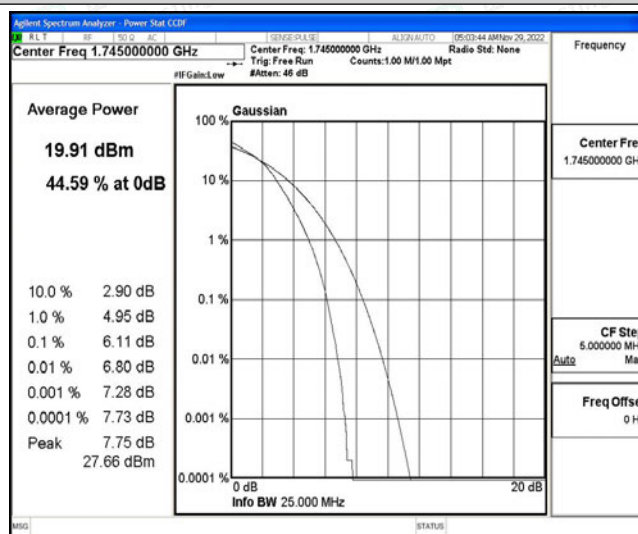


Band4-20MHz-16QAM-20175-100RB#0





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





E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0932	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0938	1.249	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0961	1.254	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0899	1.241	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0917	1.248	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0882	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7019	3.052	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7089	3.021	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7011	3.017	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7014	3.038	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7060	3.035	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7054	3.048	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5186	4.985	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5321	4.972	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5031	4.944	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5002	4.960	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5066	4.946	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5244	4.994	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9884	9.929	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9709	9.854	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0005	9.925	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9973	9.877	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9844	9.938	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9826	9.889	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.520	14.94	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.483	14.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.484	14.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.512	14.94	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.503	14.95	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.508	14.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.991	19.71	PASS





Band4	20MHz	QPSK	20175	100RB#0	17.958	19.57	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.037	19.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.009	19.74	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.937	19.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.015	19.75	PASS

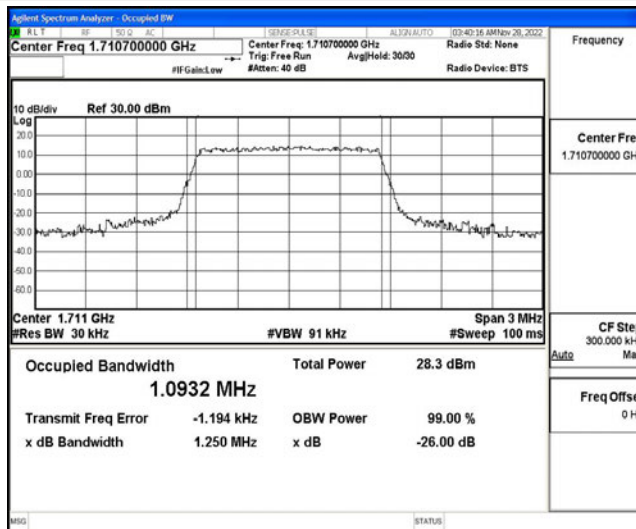


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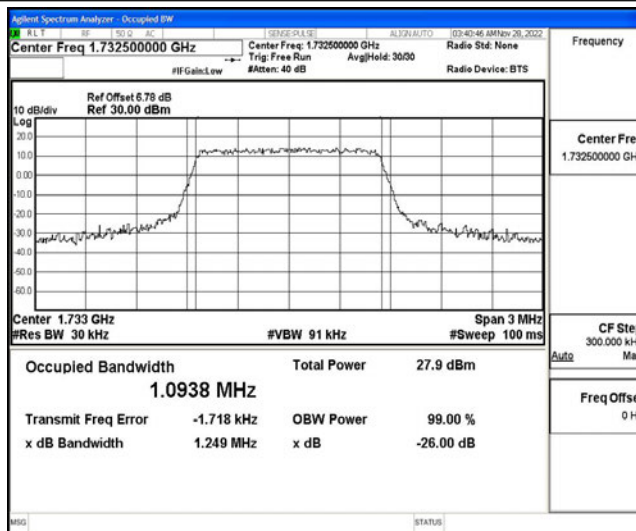


Test Graphs

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

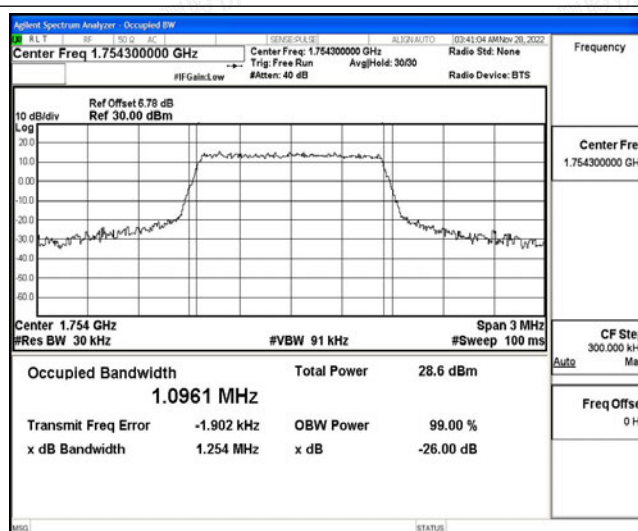


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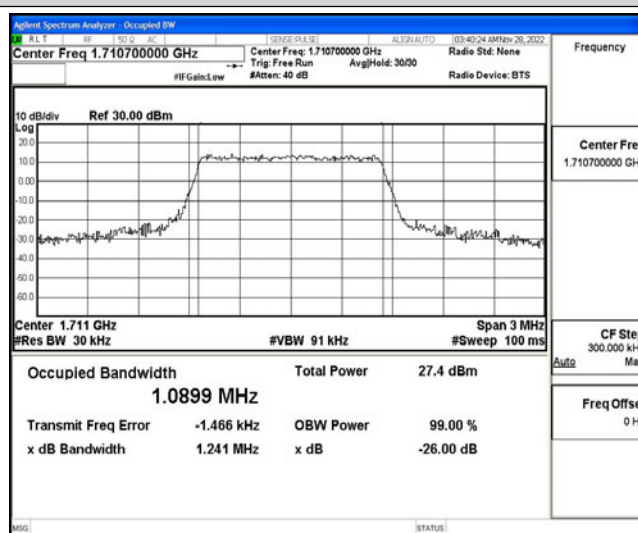


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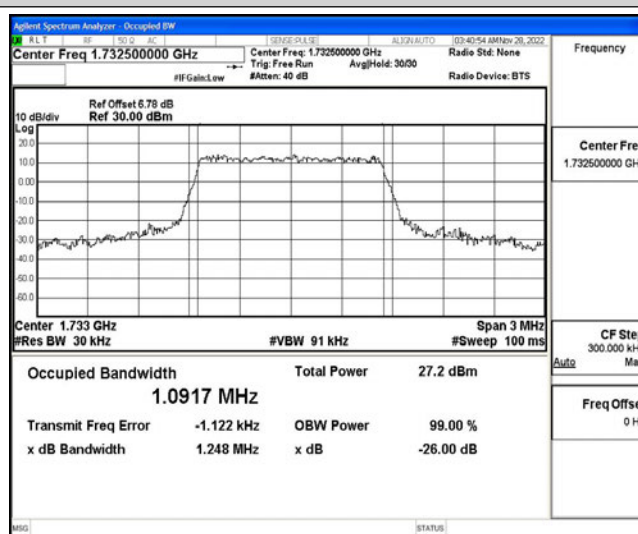




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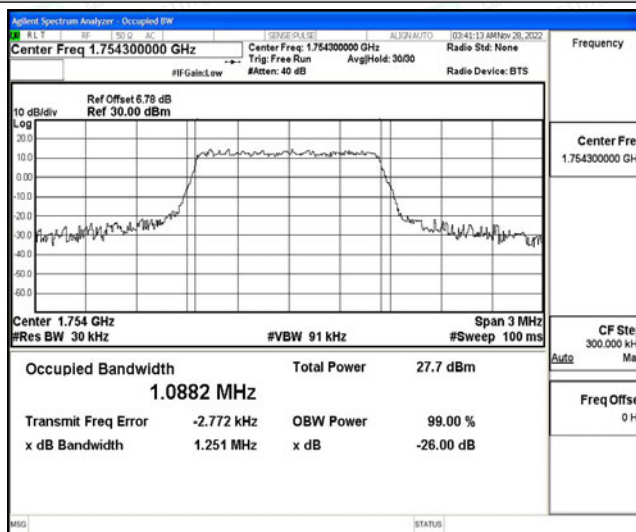


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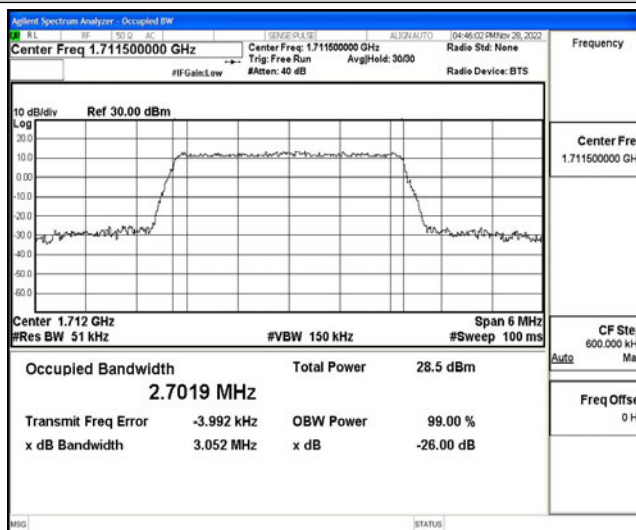




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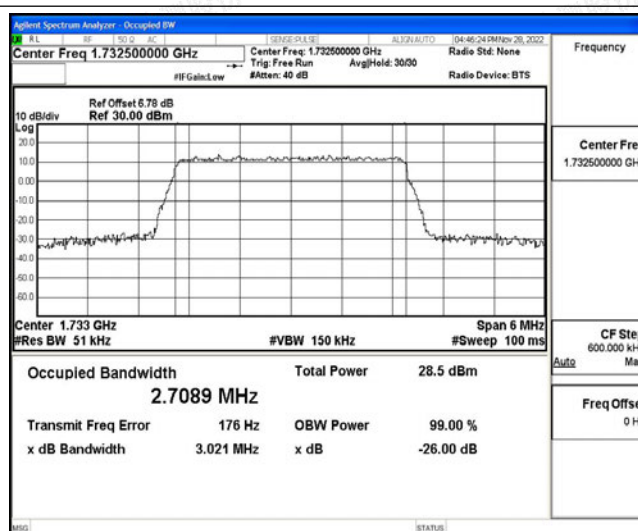


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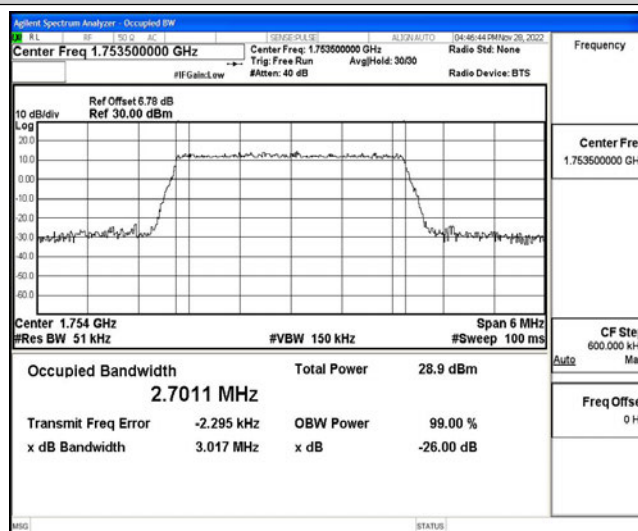


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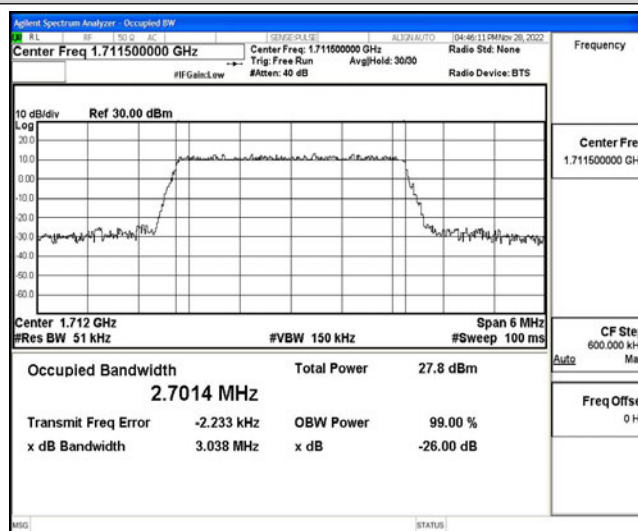




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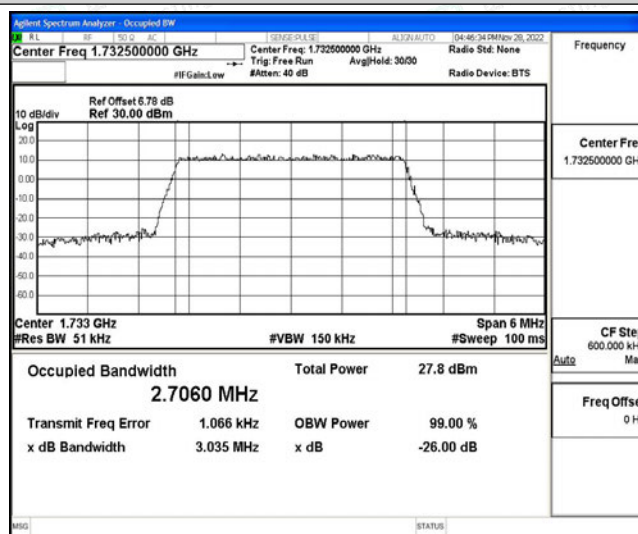


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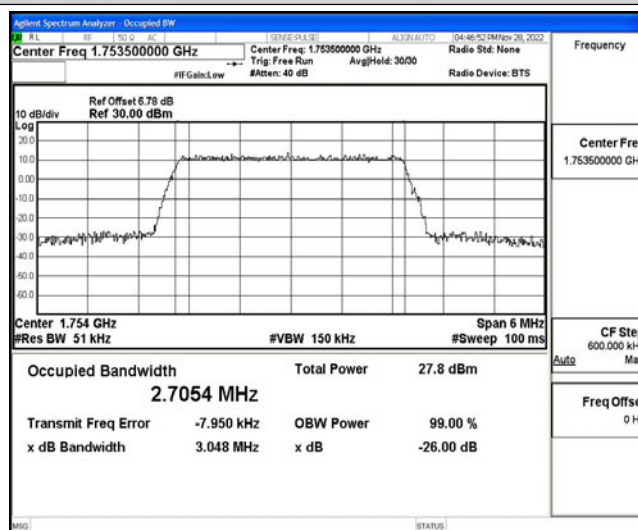




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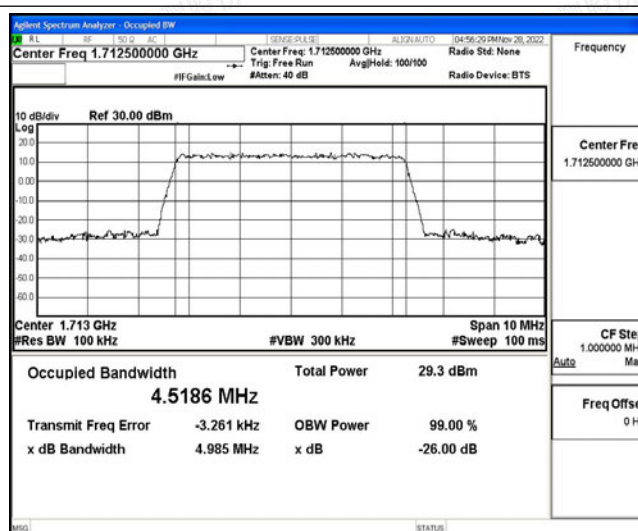


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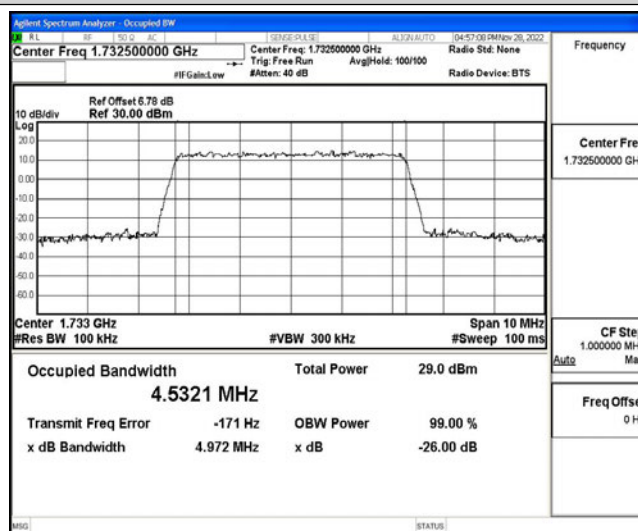


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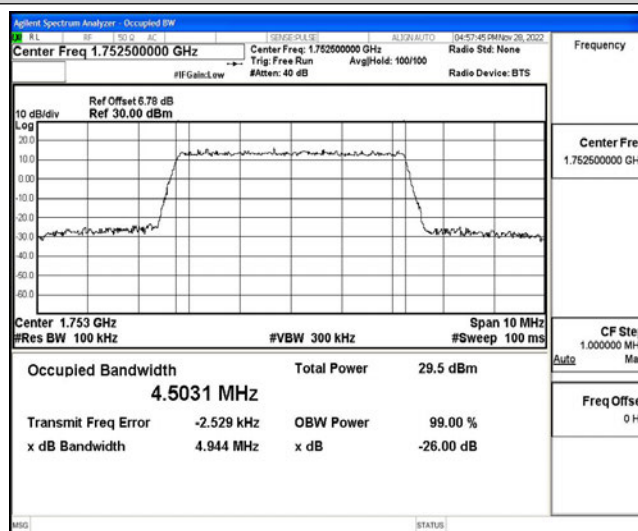




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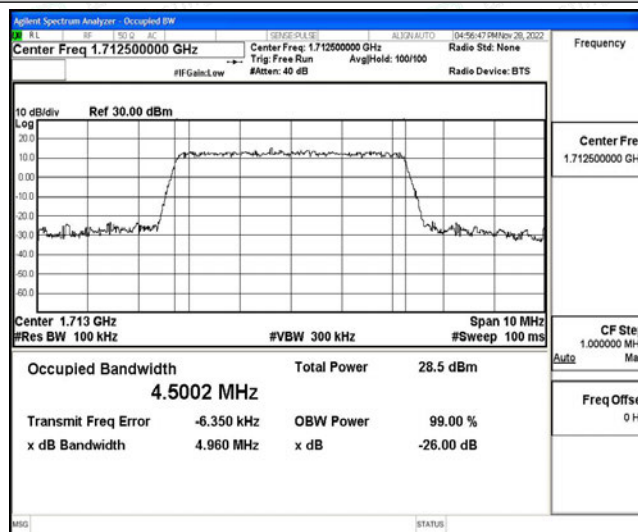


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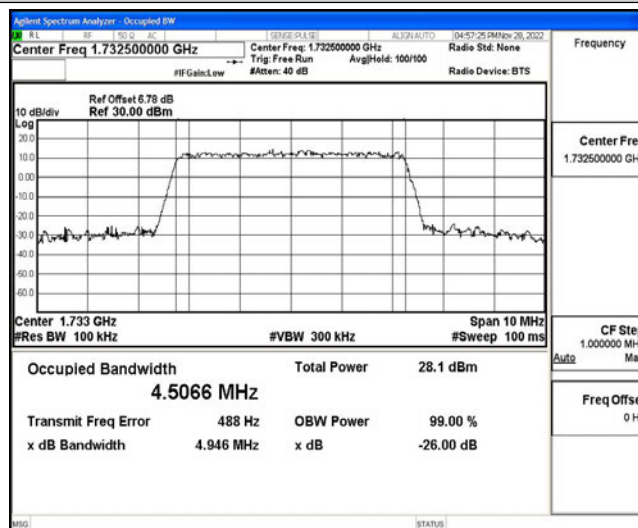




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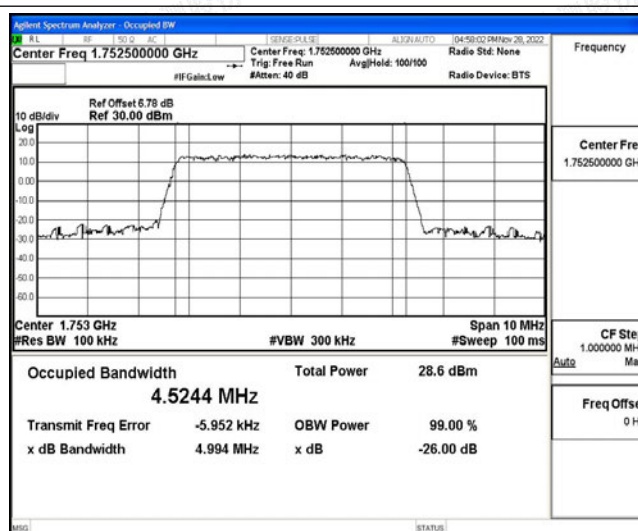


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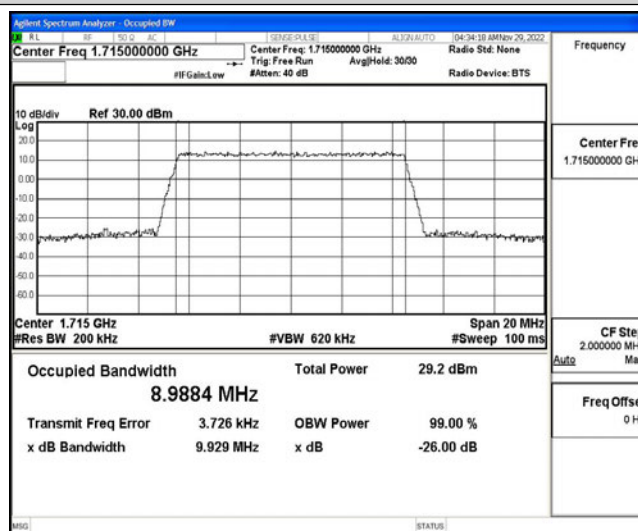


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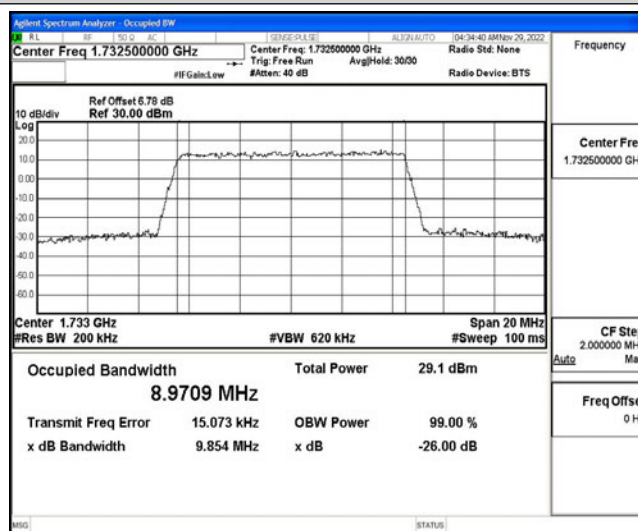




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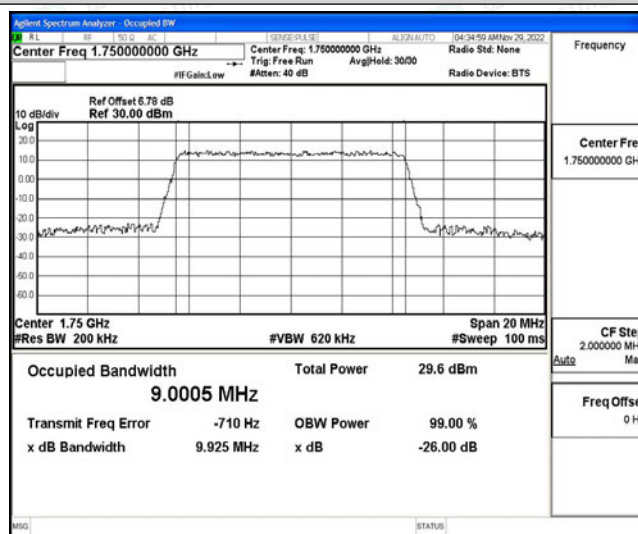


Band4-10MHz-QPSK-20175-50RB#0

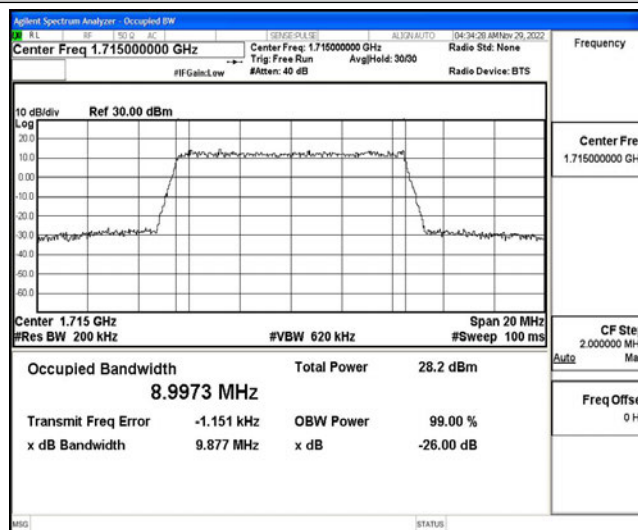




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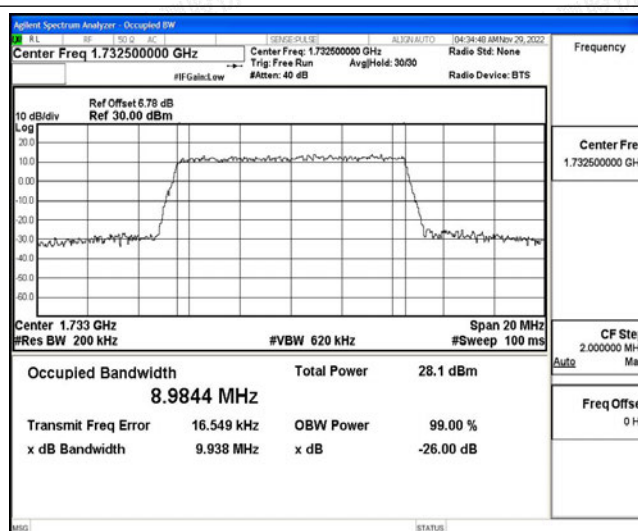


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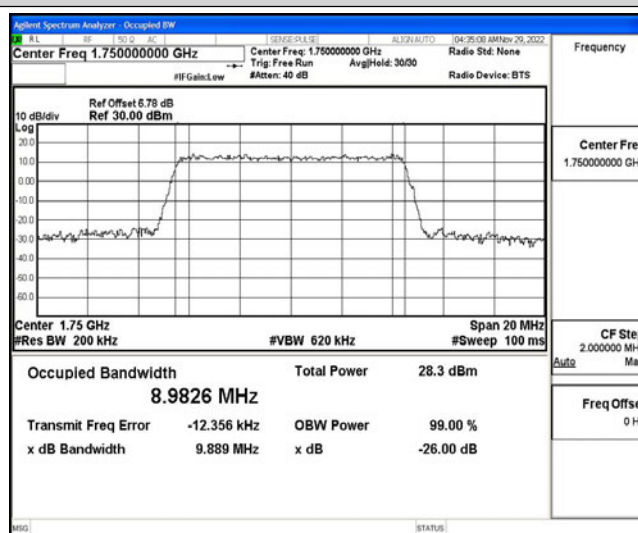


Band4-10MHz-16QAM-20175-50RB#0

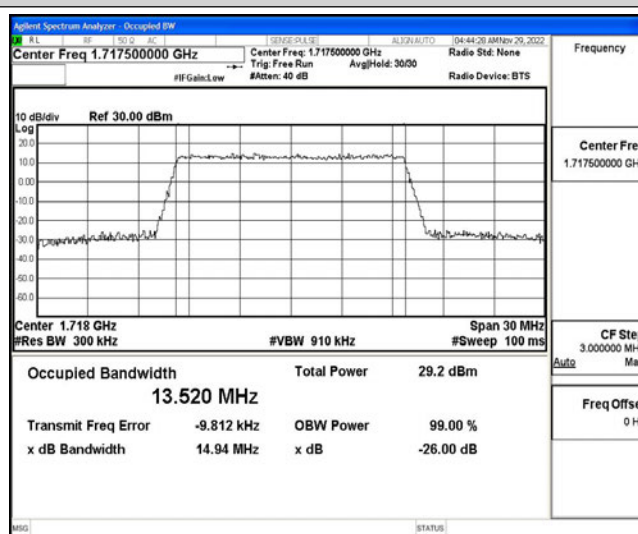




Band4-10MHz-16QAM-20350-50RB#0

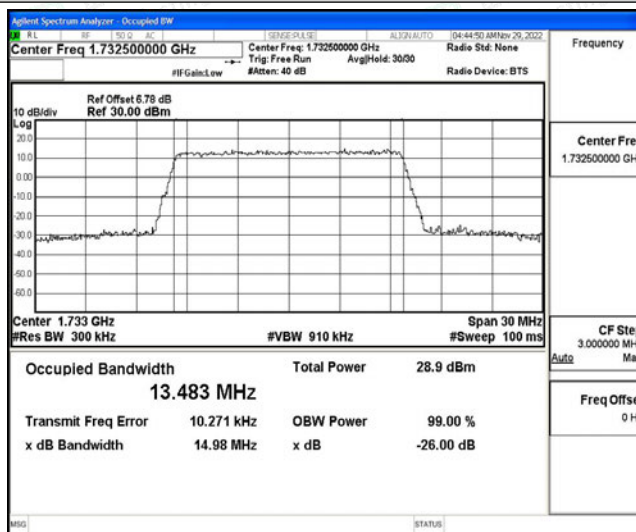


Band4-15MHz-QPSK-20025-75RB#0

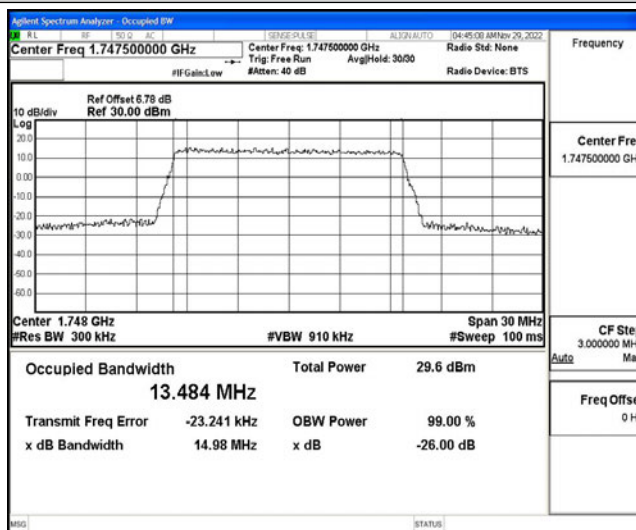




Band4-15MHz-QPSK-20175-75RB#0

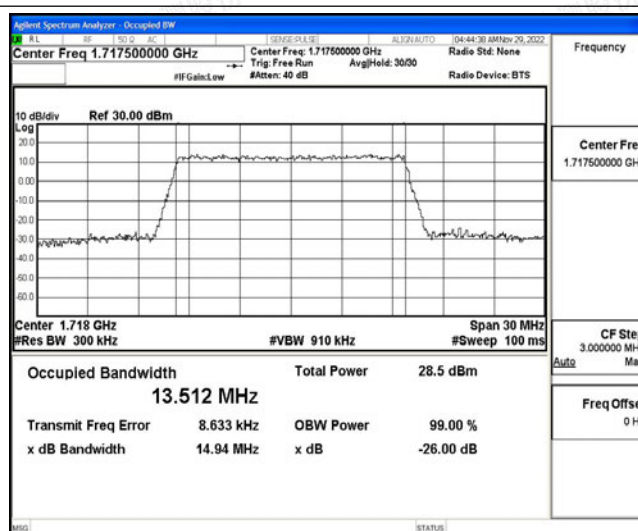


Band4-15MHz-QPSK-20325-75RB#0

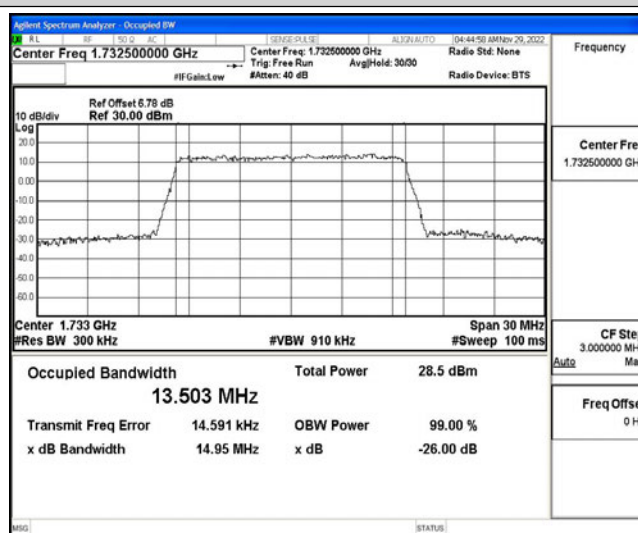


Band4-15MHz-16QAM-20025-75RB#0

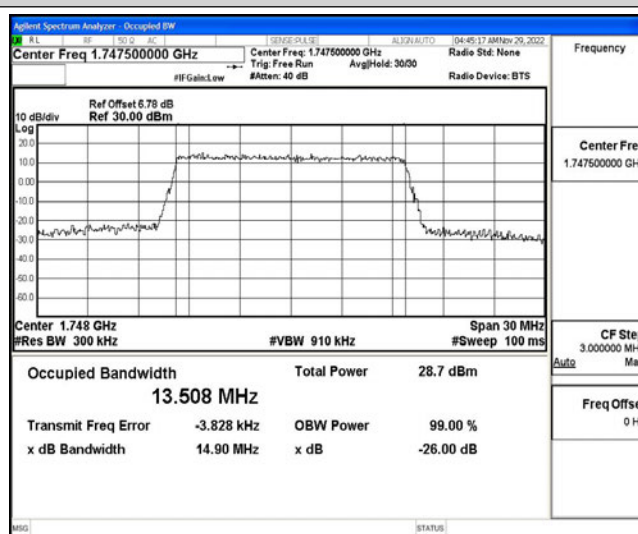




Band4-15MHz-16QAM-20175-75RB#0

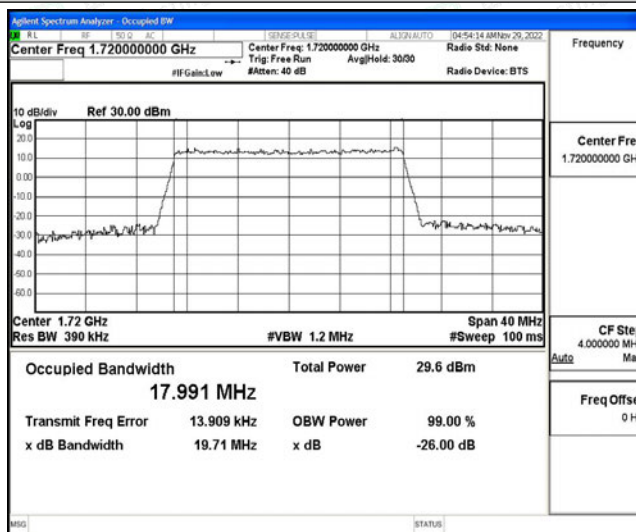


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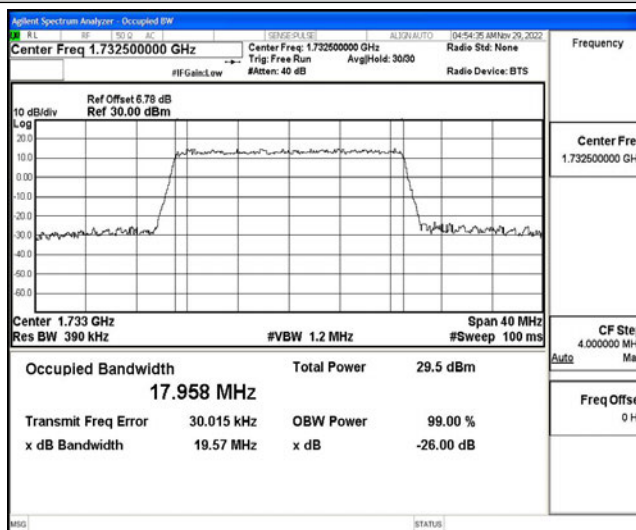




Band4-20MHz-QPSK-20050-100RB#0

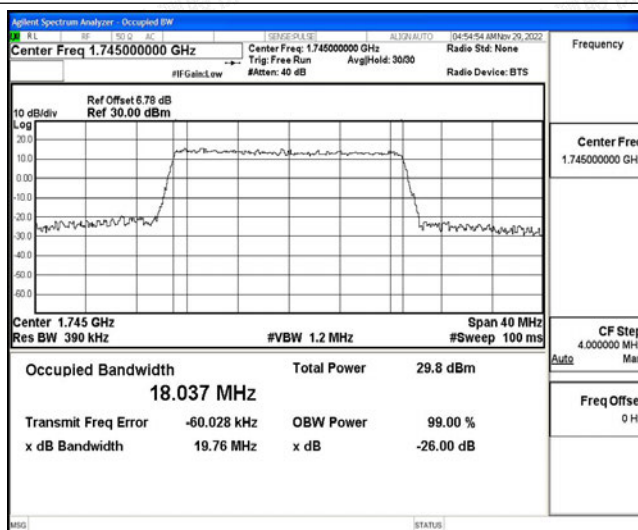


Band4-20MHz-QPSK-20175-100RB#0

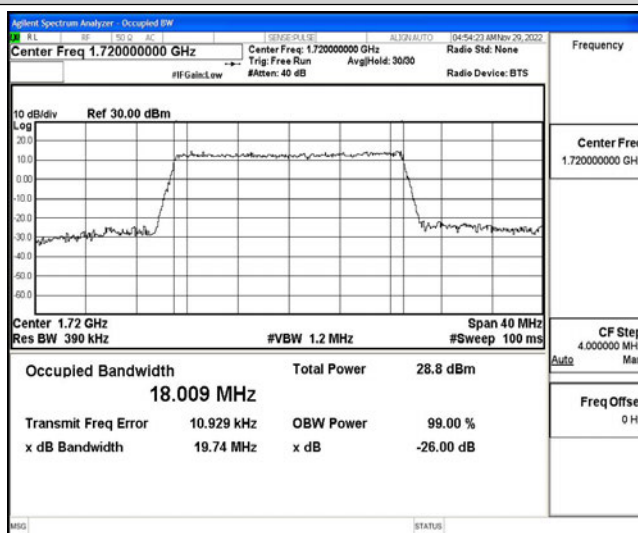


Band4-20MHz-QPSK-20300-100RB#0

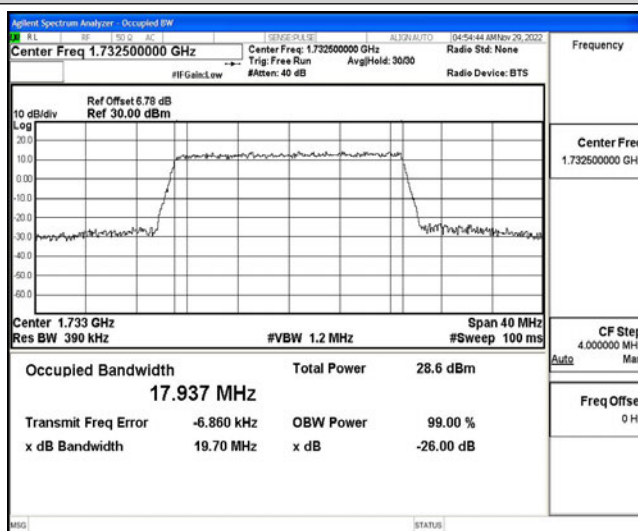




Band4-20MHz-16QAM-20050-100RB#0

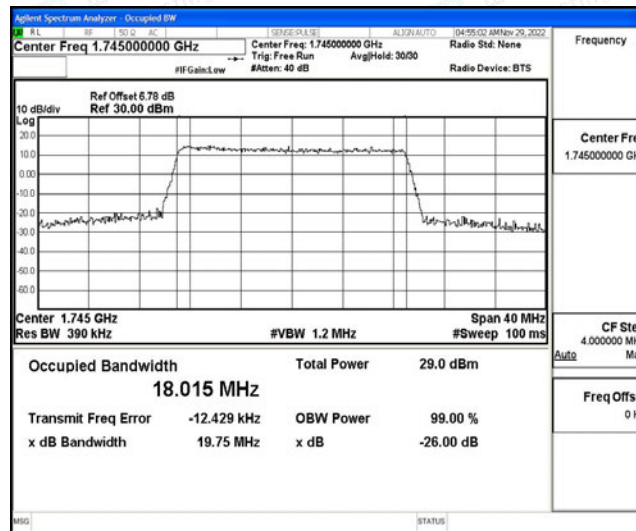


Band4-20MHz-16QAM-20175-100RB#0





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





E.4 Band Edge

Test Result

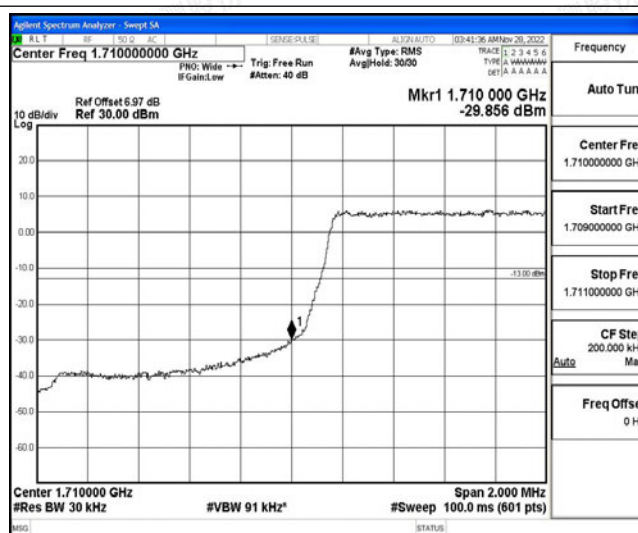
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-29.86	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-30.22	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.26	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.95	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.10	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.12	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.68	PASS
Band4	5MHz	QPSK	19975	25RB#0	-29.14	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.65	PASS
Band4	5MHz	16QAM	19975	25RB#0	-29.66	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.92	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.17	PASS
Band4	10MHz	16QAM	20000	50RB#0	-32.47	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.98	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.31	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.13	PASS
Band4	15MHz	16QAM	20325	75RB#0	-32.88	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.10	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.72	PASS
Band4	20MHz	16QAM	20050	100RB#0	-34.84	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.46	PASS

Test Graphs

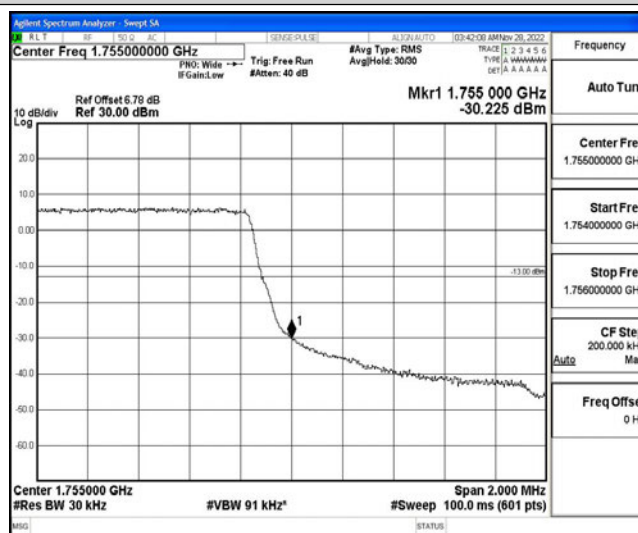
Band4-1.4MHz-QPSK-19957-6RB#0



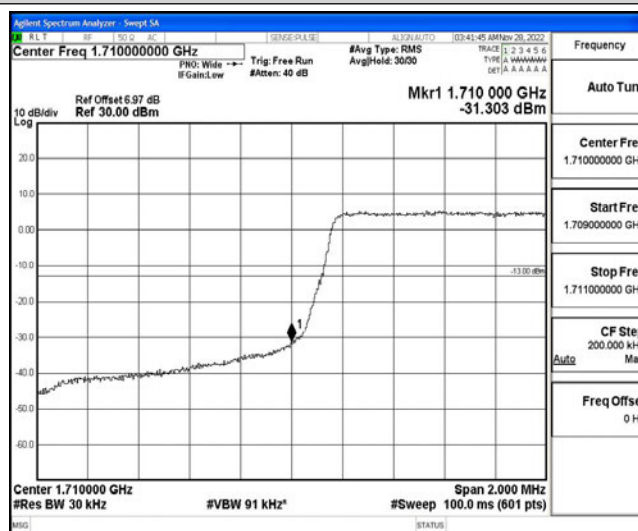
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Band4-1.4MHz-QPSK-20393-6RB#0

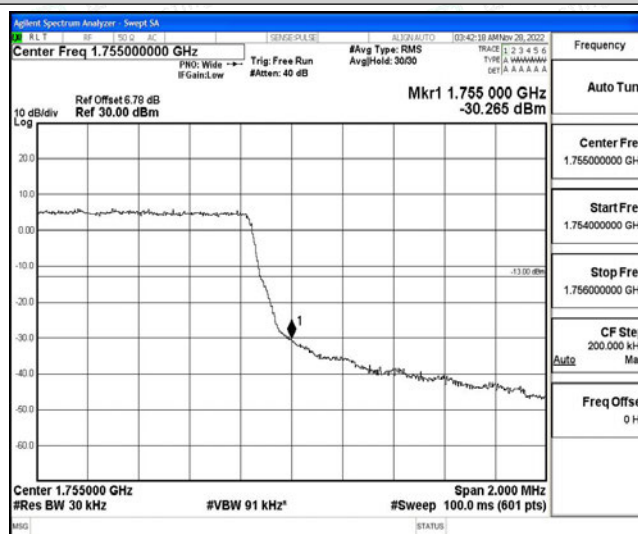


Band4-1.4MHz-16QAM-19957-6RB#0

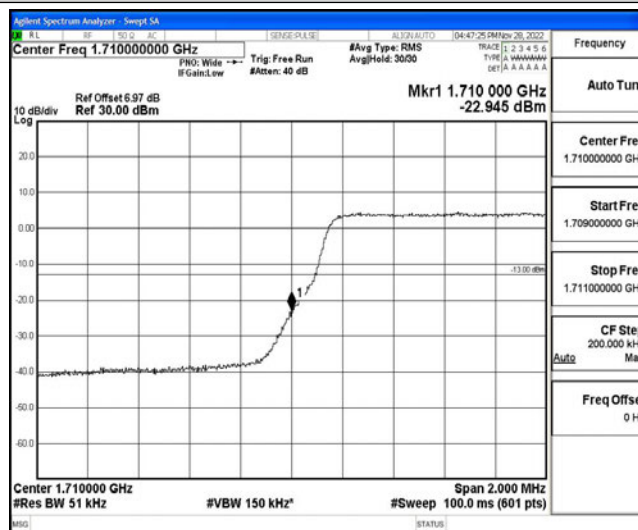




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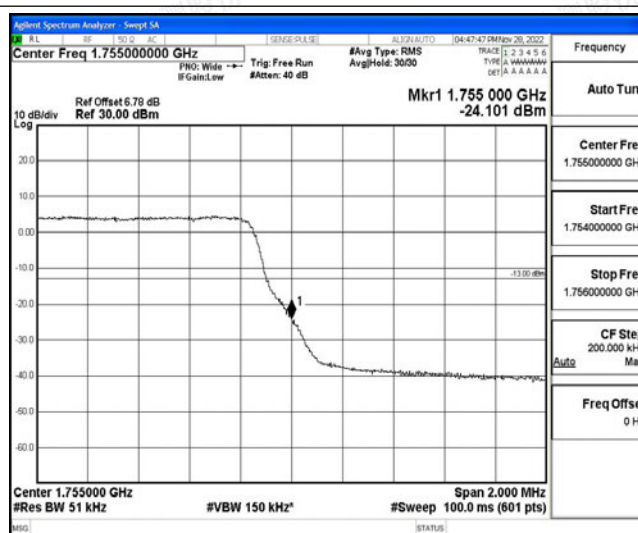


Band4-3MHz-QPSK-19965-15RB#0

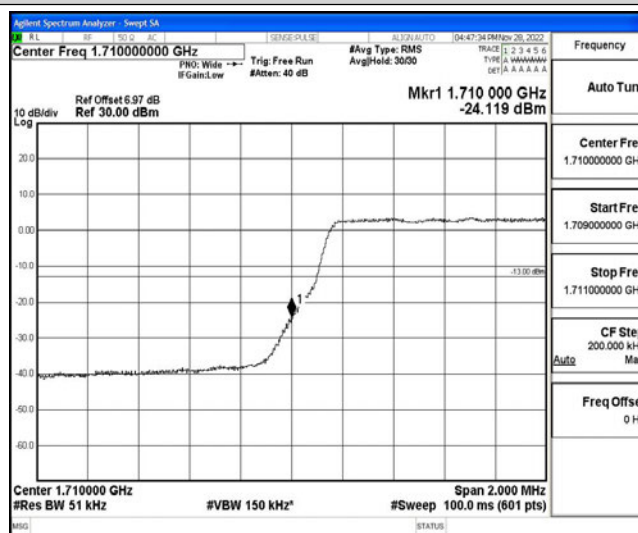


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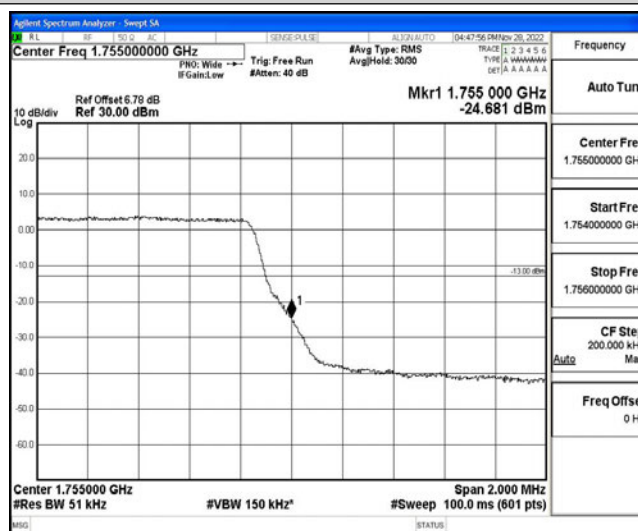




Band4-3MHz-16QAM-19965-15RB#0

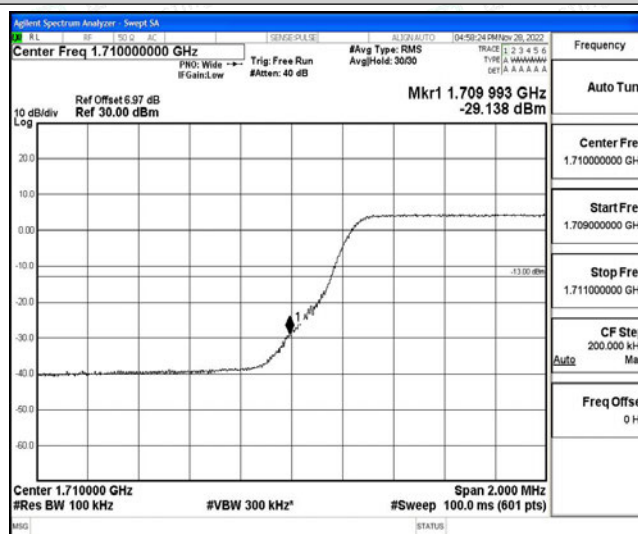


Band4-3MHz-16QAM-20385-15RB#0

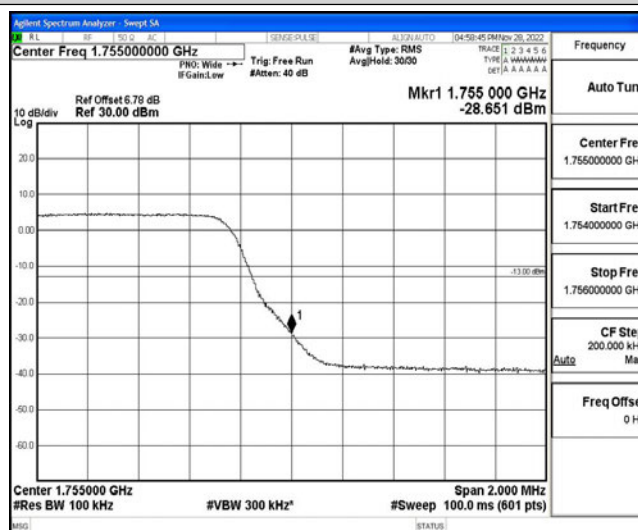




Band4-5MHz-QPSK-19975-25RB#0

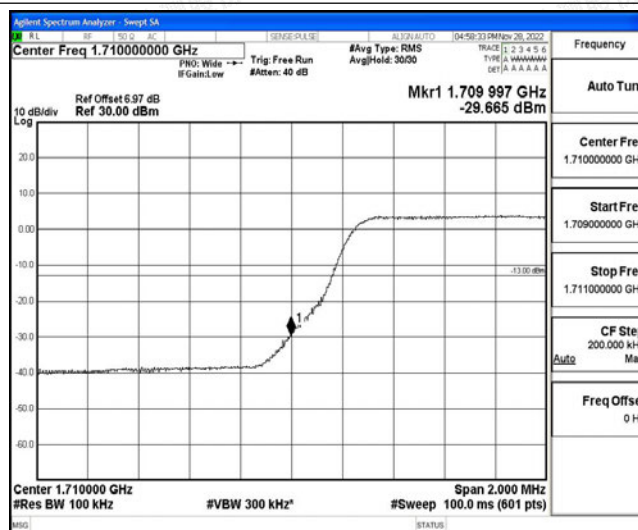


Band4-5MHz-QPSK-20375-25RB#0

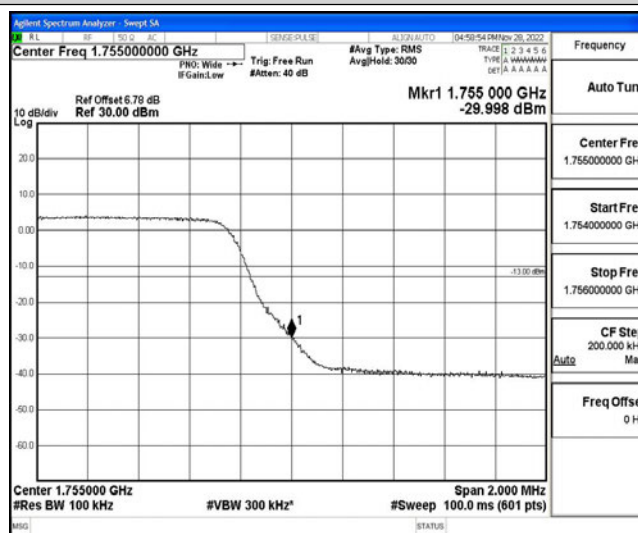


Band4-5MHz-16QAM-19975-25RB#0

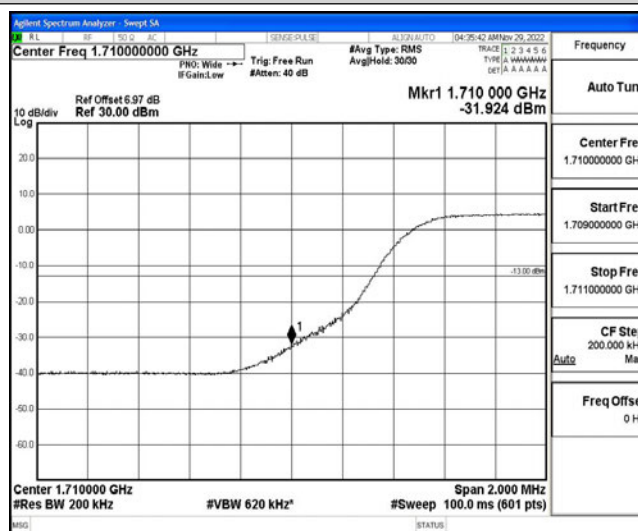




Band4-5MHz-16QAM-20375-25RB#0

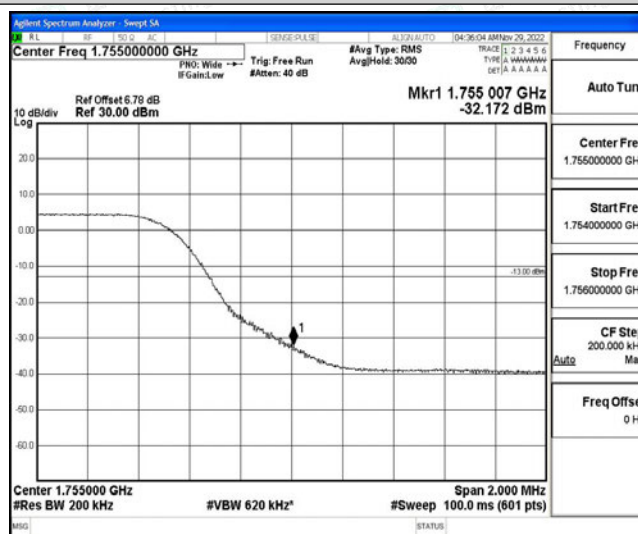


Band4-10MHz-QPSK-20000-50RB#0

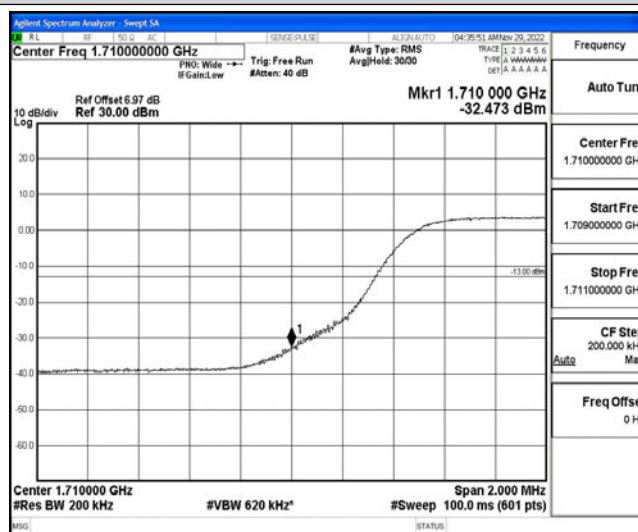




Band4-10MHz-QPSK-20350-50RB#0

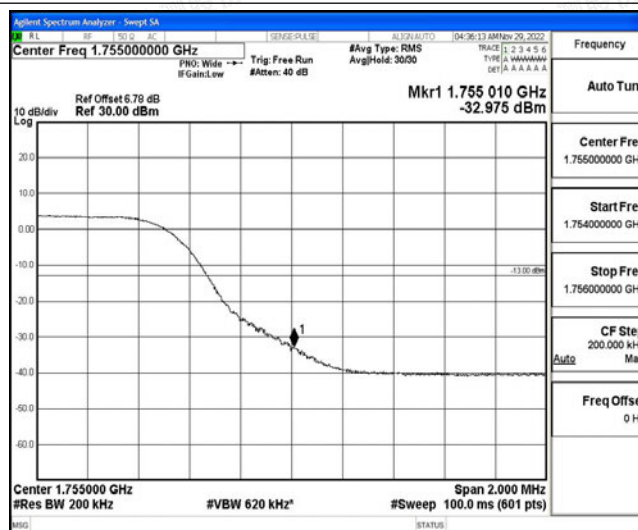


Band4-10MHz-16QAM-20000-50RB#0

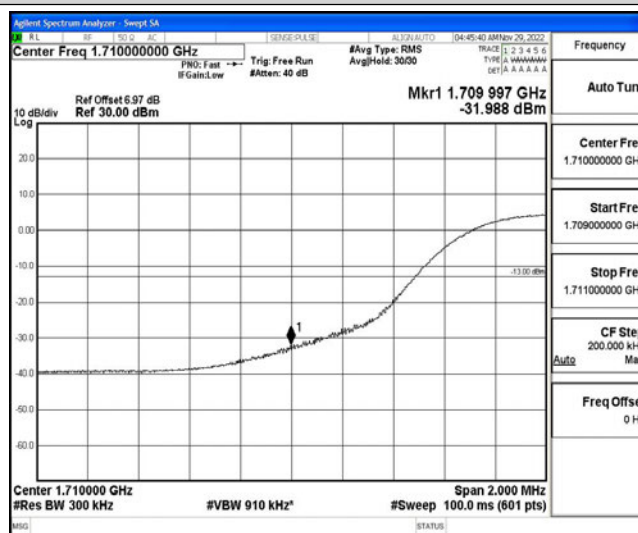


Band4-10MHz-16QAM-20350-50RB#0

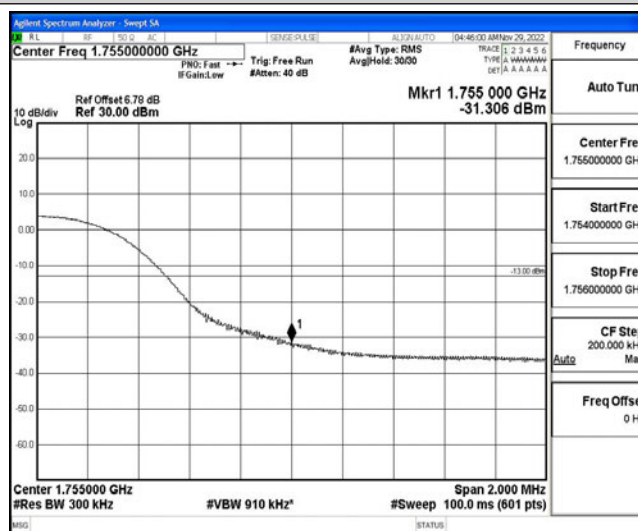




Band4-15MHz-QPSK-20025-75RB#0



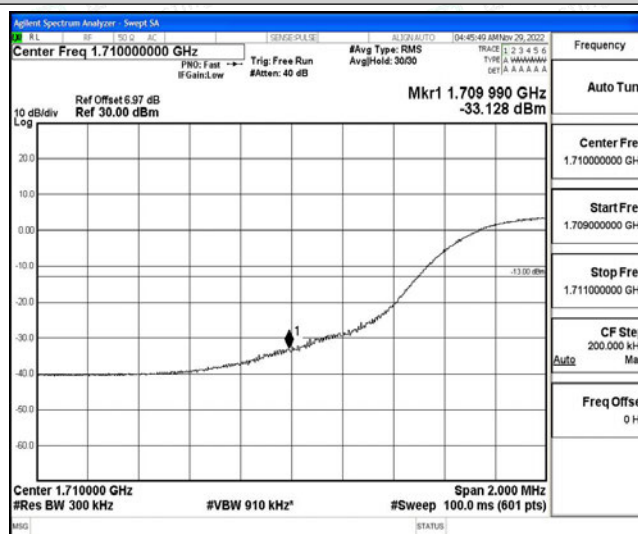
Band4-15MHz-QPSK-20325-75RB#0



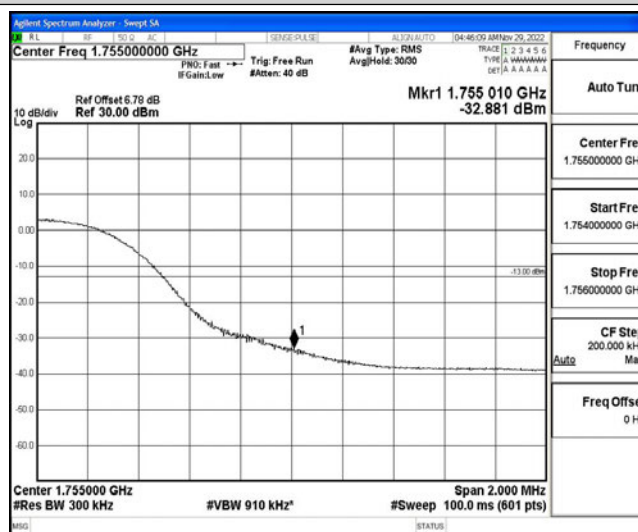
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Band4-15MHz-16QAM-20025-75RB#0

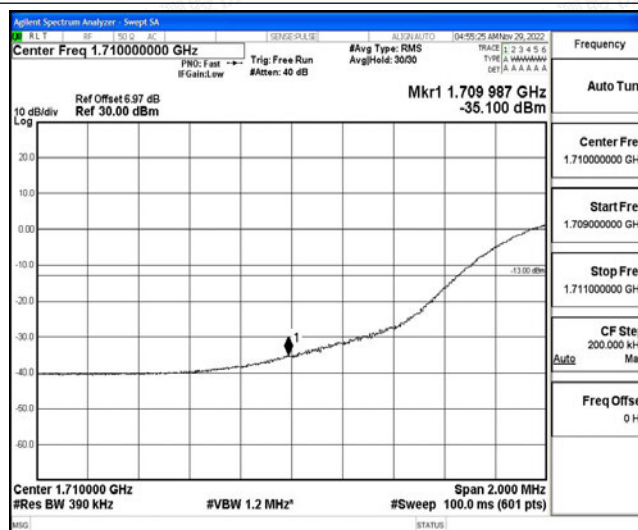


Band4-15MHz-16QAM-20325-75RB#0

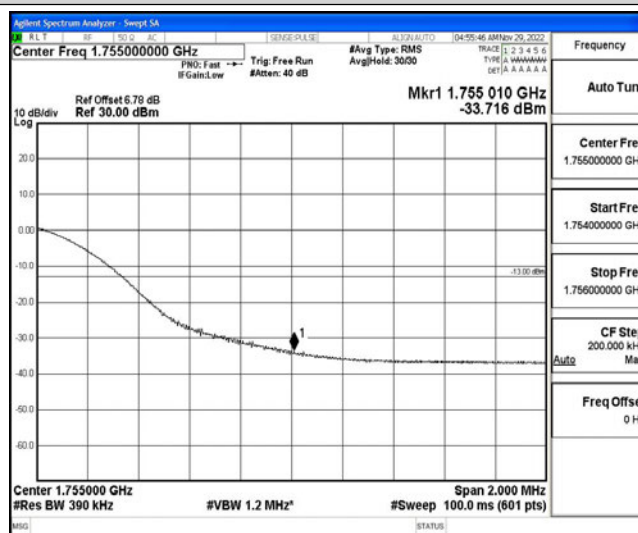


Band4-20MHz-QPSK-20050-100RB#0

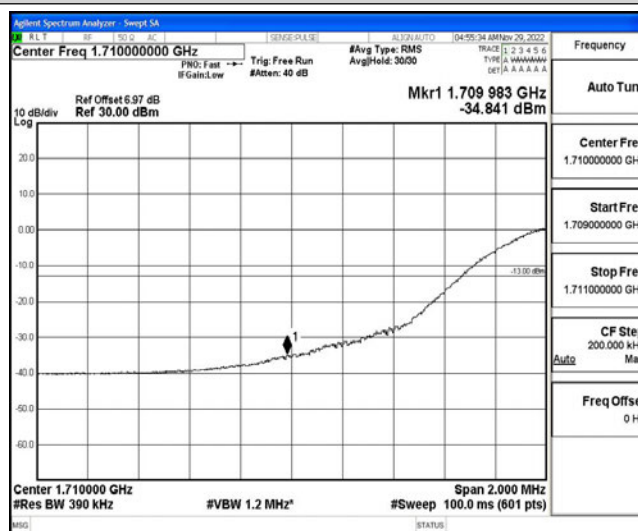




Band4-20MHz-QPSK-20300-100RB#0

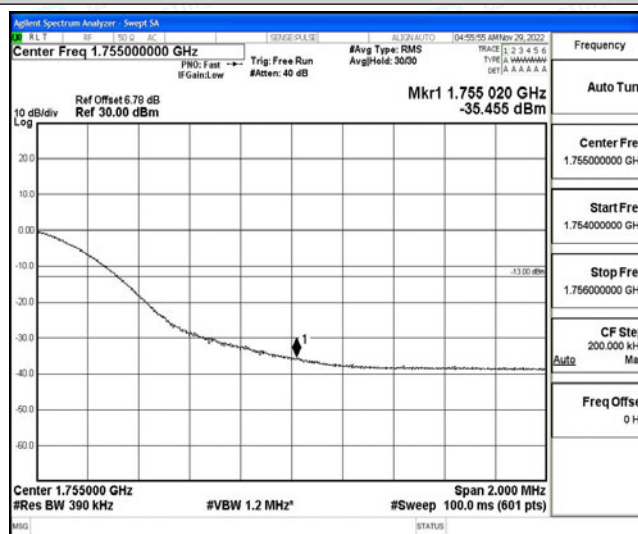


Band4-20MHz-16QAM-20050-100RB#0





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





E.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	-53.68	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-50.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-41.95	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-33.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.75	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-49.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.21	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-53.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-33.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-56.13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-50.78	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-42.57	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-33.18	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.46	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.15	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.11	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-50.69	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-41.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-33.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-55.18	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-49.89	PASS





Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-42.29	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-33.3	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.31	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.63	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.64	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.3	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-55.96	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-52.06	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-41.59	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-33.34	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-56.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-51.77	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-44.59	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.98	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.66	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.54	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.39	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-55.55	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-42.1	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.43	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-52.79	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-33.28	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.25	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.37	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-51.4	PASS



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Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-45.16	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-55.29	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-50.46	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-42.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-45.15	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.31	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.35	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.21	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-56.05	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-52.5	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-41.59	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.25	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-54.56	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-52.09	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-41.61	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-33.09	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.83	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.15	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.29	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.87	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-54.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-49.46	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-41.93	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-33.12	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-56.04	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-52.4	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-42.31	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-33.24	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-57.21	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-49.85	PASS



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Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.51	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.2	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-55.42	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-50.18	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.29	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-52.17	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-41.54	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-32.95	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.11	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.24	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-56.47	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-50.03	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-42.71	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-33.29	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-50.3	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-42.05	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-33.32	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.45	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.21	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.75	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.12	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-56.13	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-42.97	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33.22	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-53.85	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-49.15	PASS



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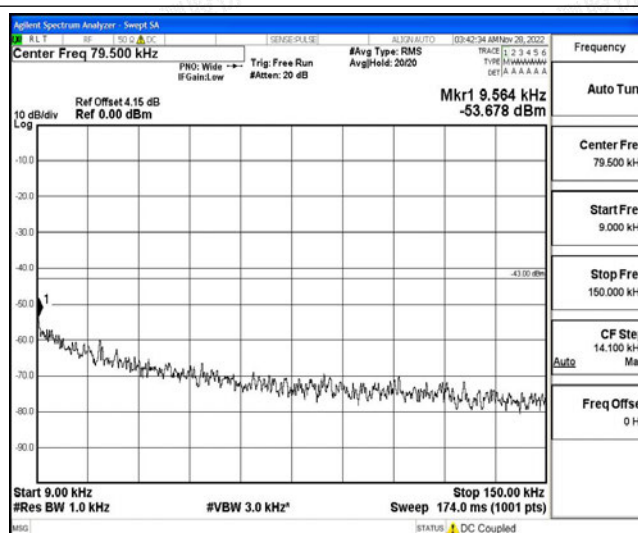
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-40.51	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.4	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.32	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.69	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.31	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-55.54	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.22	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-49.14	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-42.46	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.24	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-48.11	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.33	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.21	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-54.04	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-33.17	PASS

Test Graphs

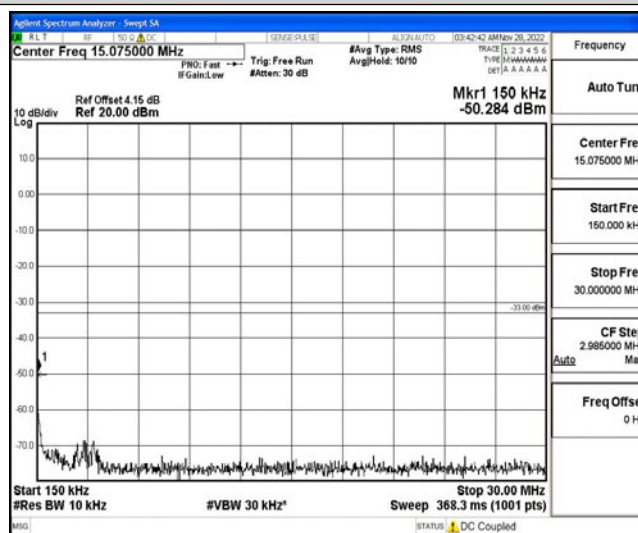
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz



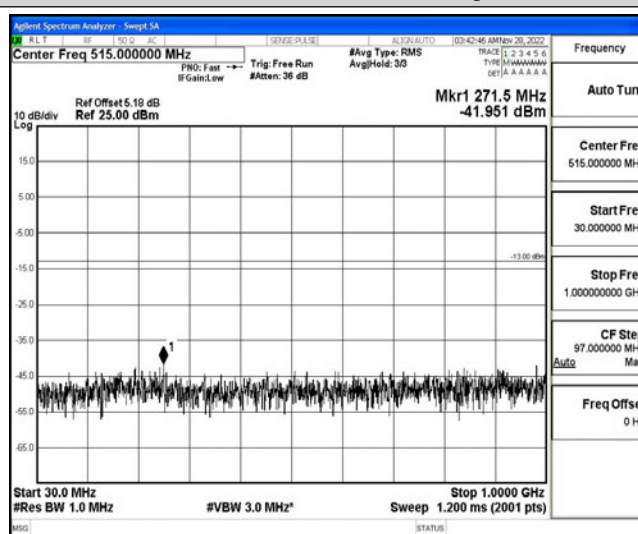
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Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz

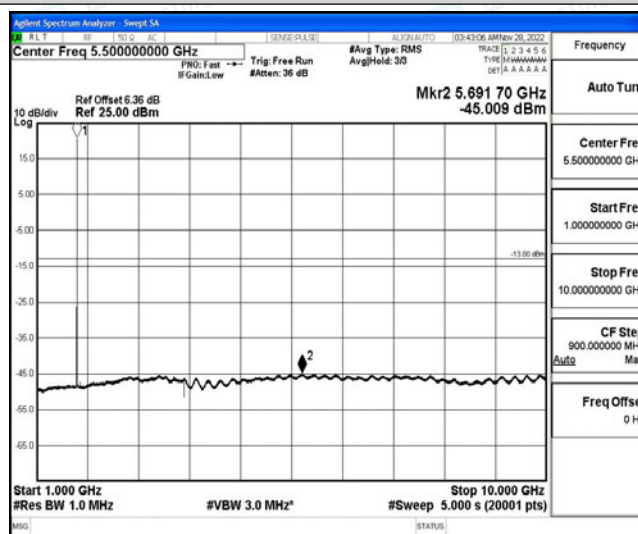


Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz

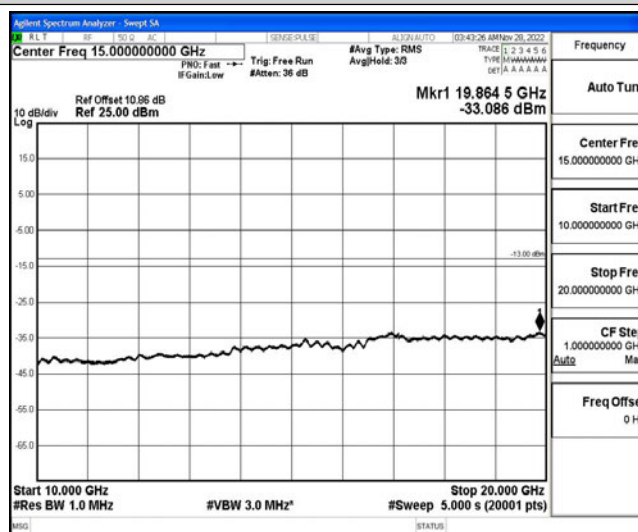




Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~10000MHz

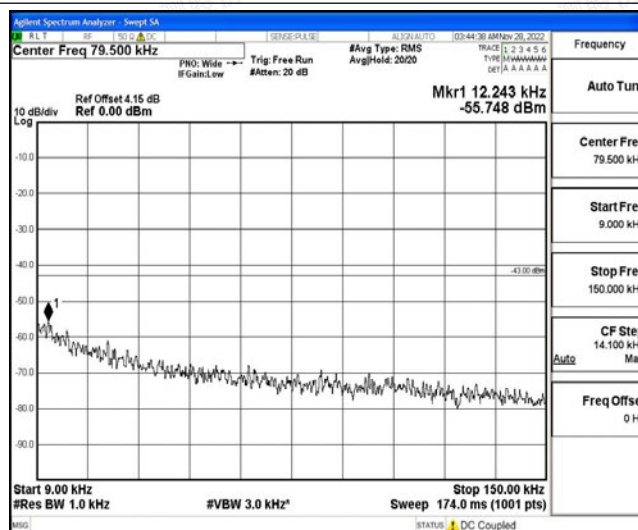


Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz

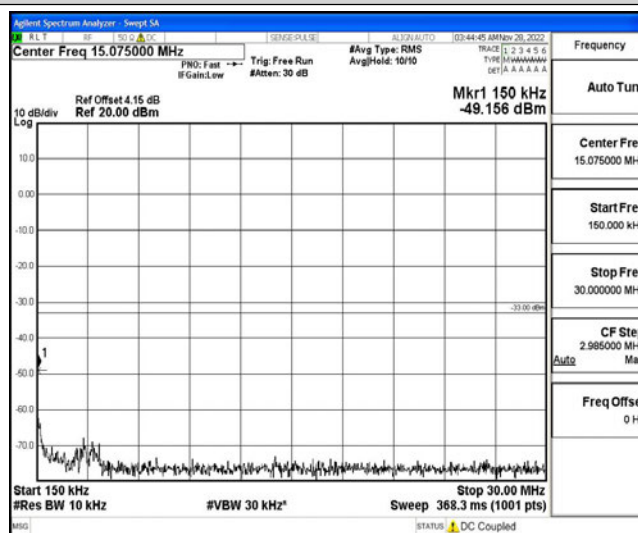


Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

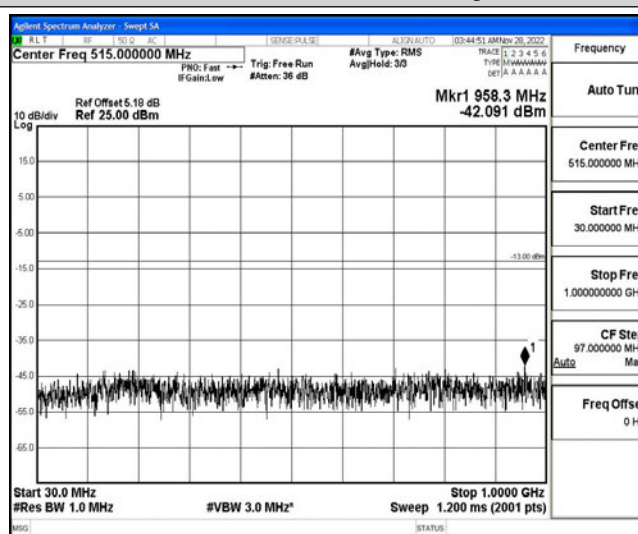




Band4-1.4MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz

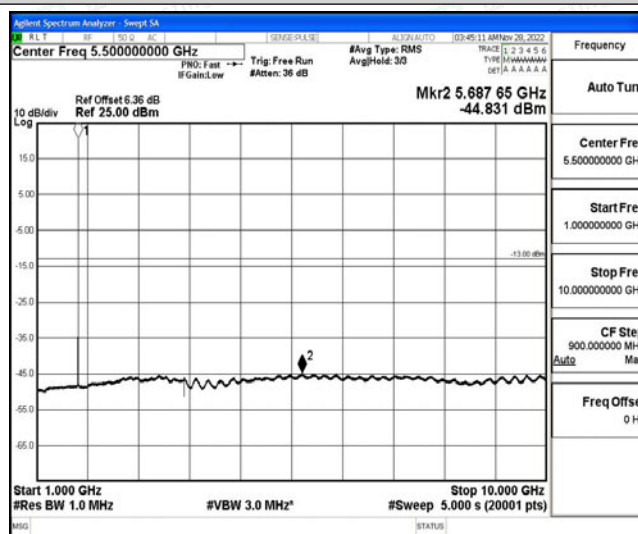


Band4-1.4MHz-QPSK-20175-1RB#0-Range3:30~1000MHz

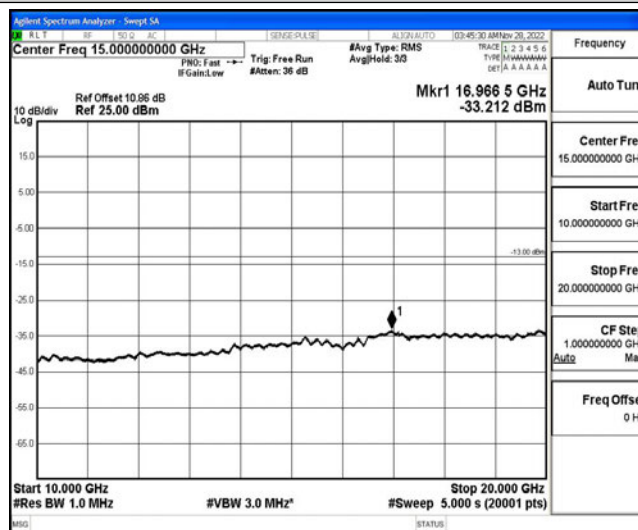




Band4-1.4MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz



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



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

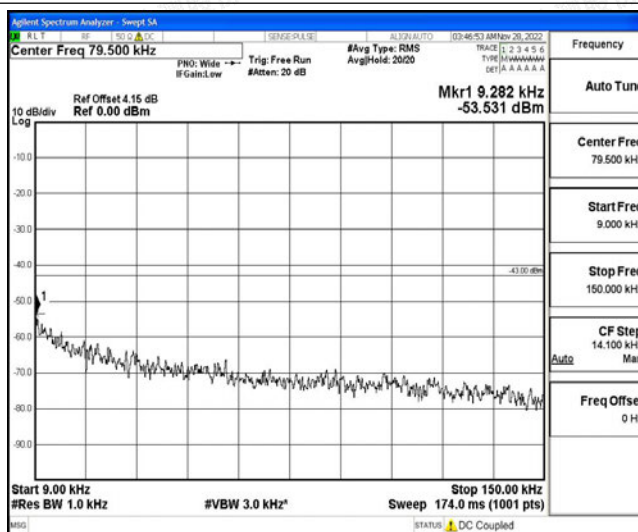


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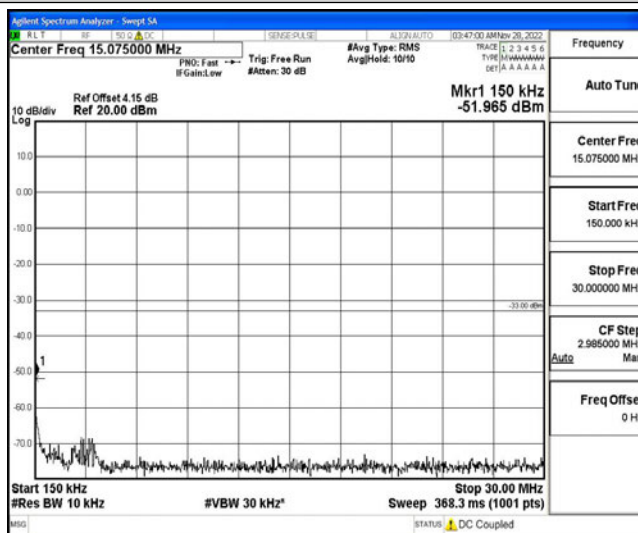
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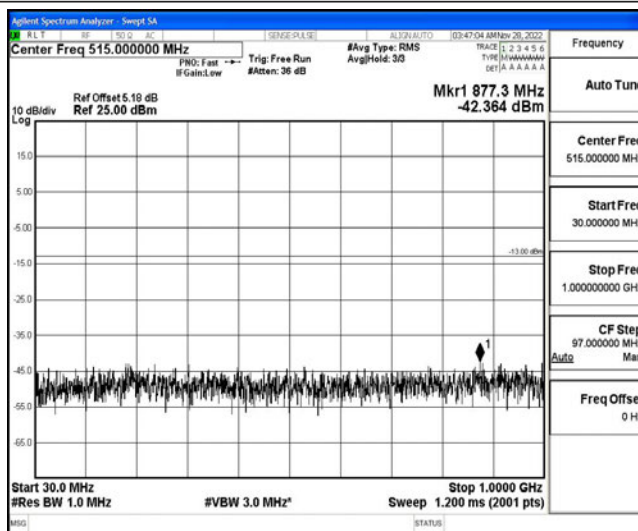
Scan code to check authenticity



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

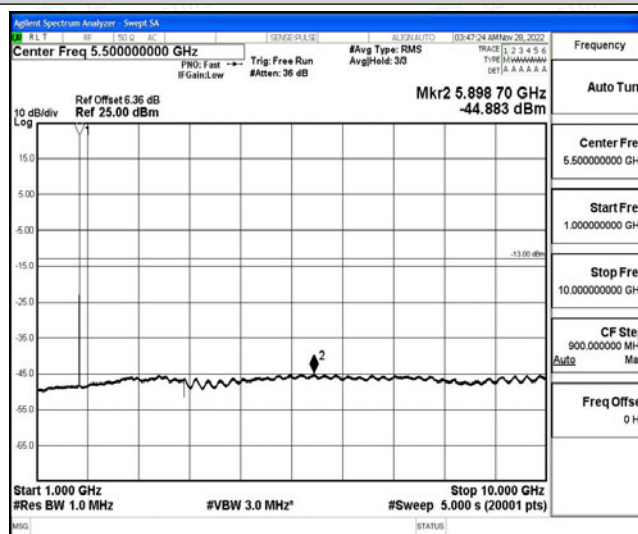


Band4-1.4MHz-QPSK-20393-1RB#0-Range3:30~1000MHz

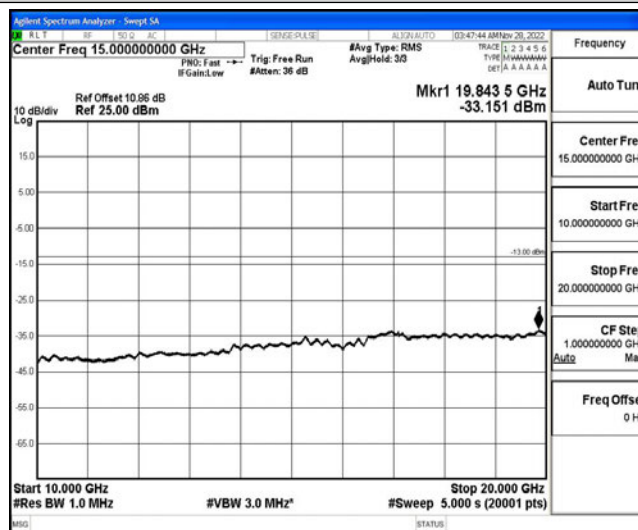




Band4-1.4MHz-QPSK-20393-1RB#0-Range4:1000~10000MHz

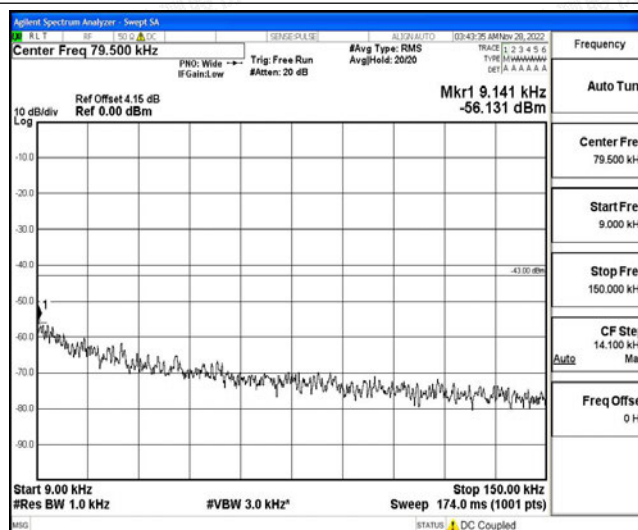


Band4-1.4MHz-QPSK-20393-1RB#0-Range5:10000~20000MHz

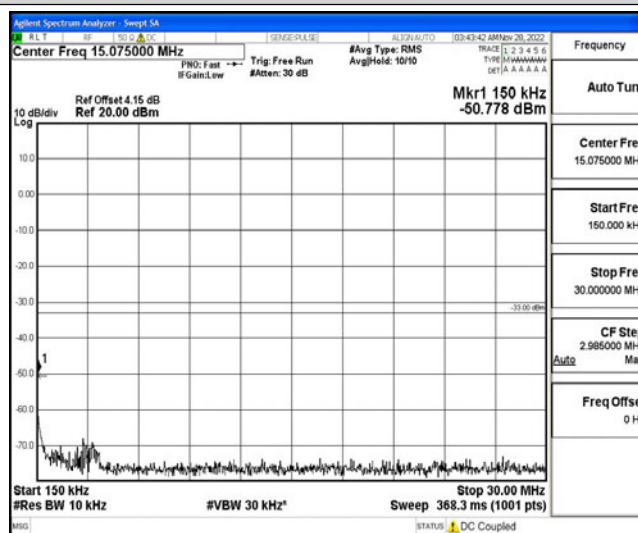


Band4-1.4MHz-16QAM-19957-1RB#0-Range1:0.009~0.15MHz





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



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

