



Appendix D: Test Data for E-UTRA Band 4

Product Name: Smartphone
Trade Mark: S Smooth
Test Model: Smooth 6.26 Lite

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	51.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan



D.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.61	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.65	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.61	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.70	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.70	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.68	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.68	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.81	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.89	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.78	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.96	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.96	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.95	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.77	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.02	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.02	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.98	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.82	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.81	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.79	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.26	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.27	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.45	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.45	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.26	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.03	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.95	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.47	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.48	PASS



Band4	1.4MHz	16QAM	20175	3RB#3	21.50	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.90	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.76	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.75	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.76	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.97	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.56	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.70	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.63	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.68	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.62	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.71	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.74	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.73	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.90	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.89	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.77	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.78	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.83	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.84	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.75	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.64	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.61	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.74	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.69	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.71	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.72	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.38	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.38	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.58	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.86	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.79	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.61	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.14	PASS



Band4	3MHz	16QAM	20175	1RB#8	21.69	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.80	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.92	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.96	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.98	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.88	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.54	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.45	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.50	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.96	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.05	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.77	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.62	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.70	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.66	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.75	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.85	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.86	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.72	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.78	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.80	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.82	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.91	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.65	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.66	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.63	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.72	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.72	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.70	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.72	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.52	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.54	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.55	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.88	PASS



Band4	5MHz	16QAM	19975	12RB#6	20.93	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.86	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.84	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.42	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.35	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.94	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.89	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.92	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.03	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.43	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.50	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.53	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.81	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.79	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.90	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.92	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.70	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.68	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.80	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.72	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.60	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.76	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.72	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.82	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.81	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.68	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.81	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.69	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.79	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.82	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.82	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.80	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.78	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.78	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.78	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.62	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.81	PASS



Band4	10MHz	16QAM	20000	1RB#0	21.03	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.01	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.06	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.86	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.87	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.90	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.82	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.68	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.72	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.57	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.84	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.84	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.78	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.29	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.29	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.28	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.88	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.88	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.87	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.81	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.69	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.59	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.72	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.43	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.31	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.59	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.79	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.72	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.33	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.81	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.79	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.52	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.74	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.89	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.70	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.71	PASS



Band4	15MHz	QPSK	20325	38RB#0	22.35	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.62	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.71	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.48	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.66	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.45	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.49	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.30	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.50	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.50	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.70	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.38	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.55	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.77	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.78	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.72	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.21	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.92	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.60	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.56	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.29	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.67	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.64	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.55	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.77	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.75	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.65	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.82	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.56	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.58	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.77	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.68	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.01	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.97	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.60	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.79	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.77	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.75	PASS



Band4	20MHz	QPSK	20175	100RB#0	21.88	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.89	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.75	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.81	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.71	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.65	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.76	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.28	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.23	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.15	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.73	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.70	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.73	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.78	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.36	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.92	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.21	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.02	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.88	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.04	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.89	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.90	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.16	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.80	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.97	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.95	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.03	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.87	PASS

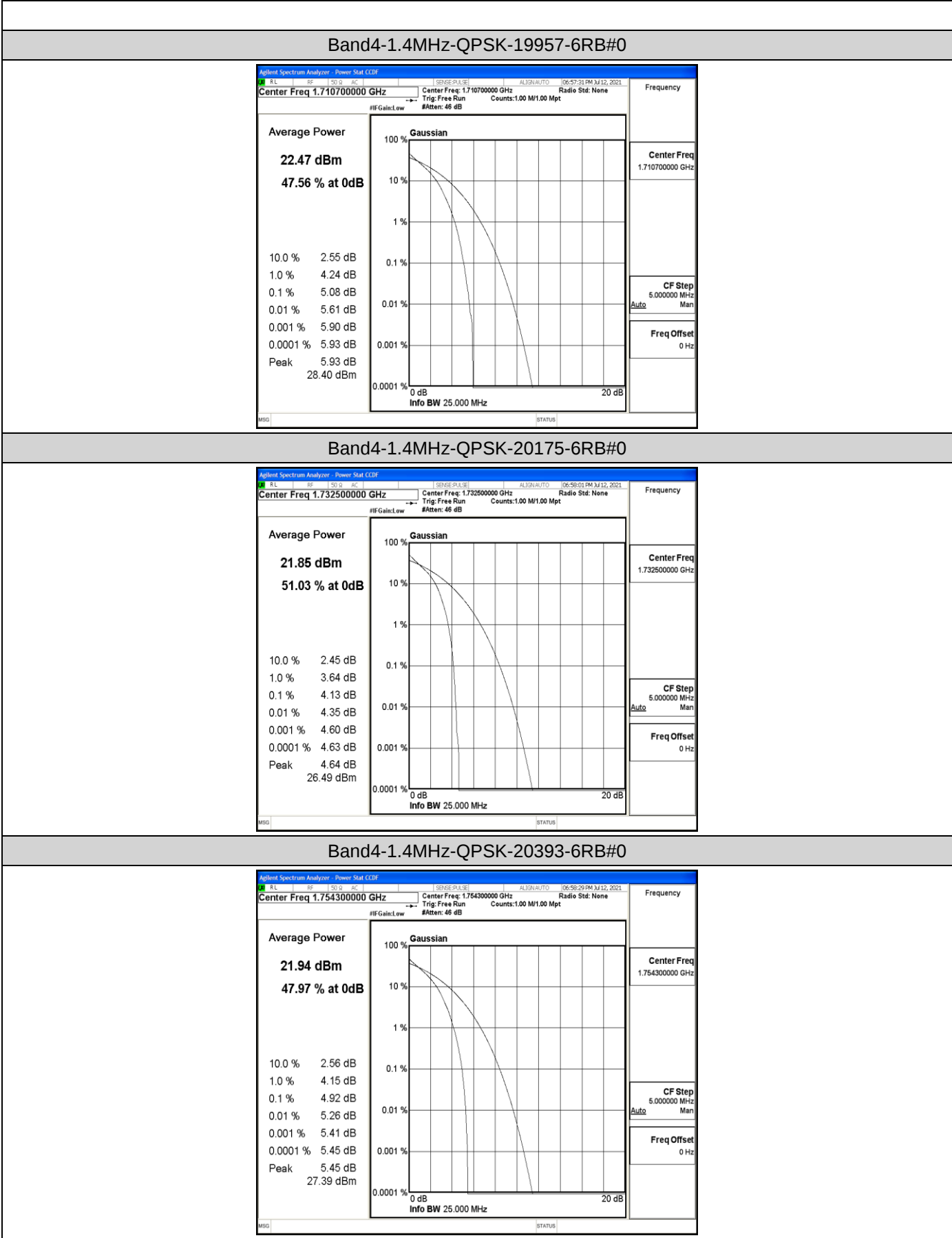


D.2 Peak-to-Average Ratio(CCDF)

Test Result

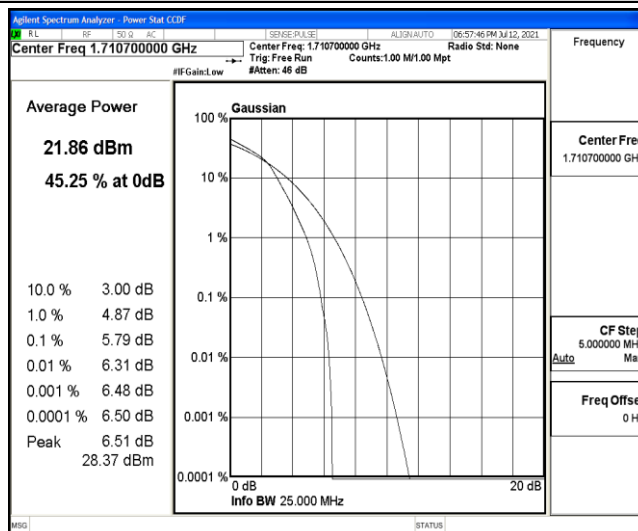
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.08	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.13	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.92	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.79	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	4.79	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.66	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.18	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.24	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.08	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.05	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.05	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.84	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.26	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.22	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.05	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.93	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.98	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.82	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.30	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.28	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.06	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.08	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.82	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.57	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.79	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.28	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.08	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.44	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.91	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.91	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.07	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.62	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.85	13	PASS

Test Graphs

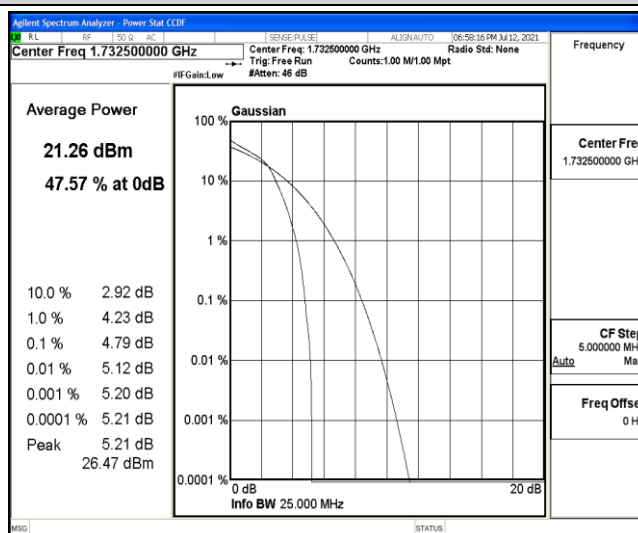




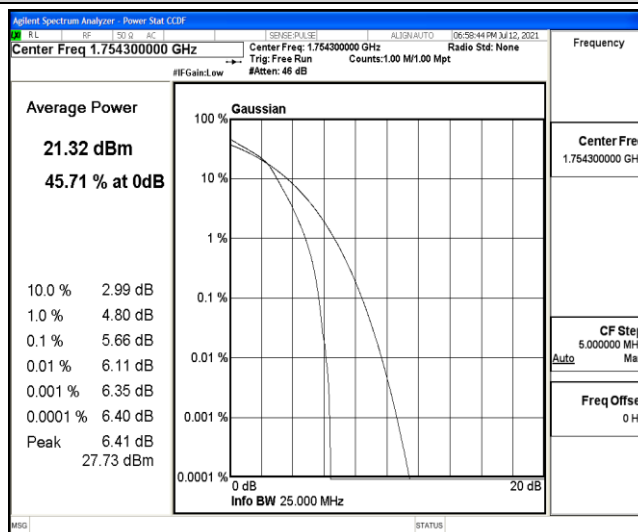
Band4-1.4MHz-16QAM-19957-6RB#0



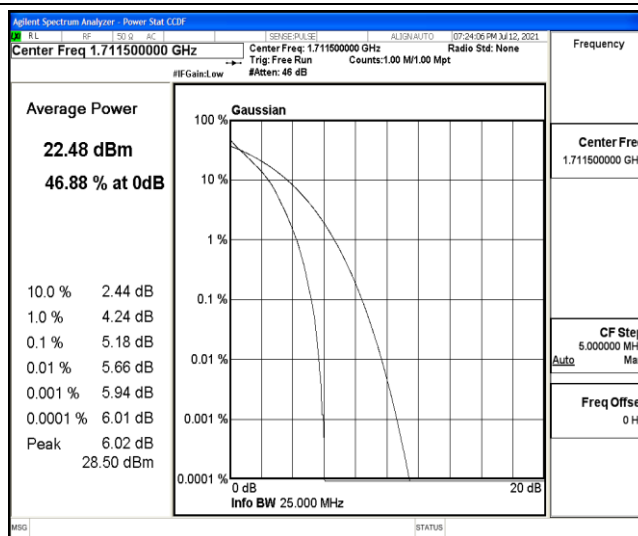
Band4-1.4MHz-16QAM-20175-6RB#0



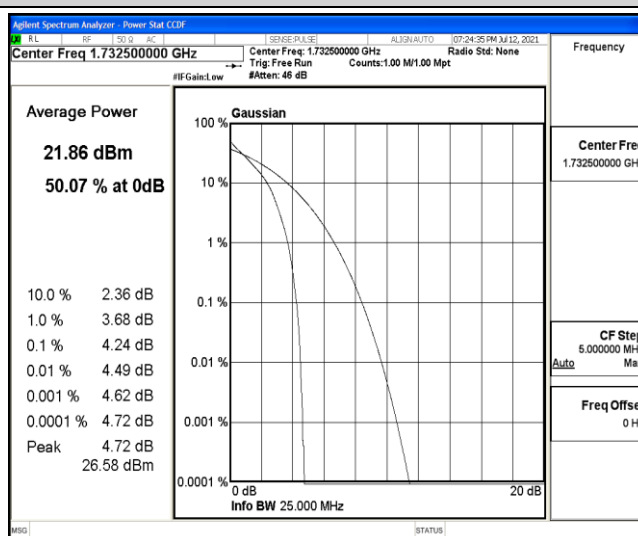
Band4-1.4MHz-16QAM-20393-6RB#0



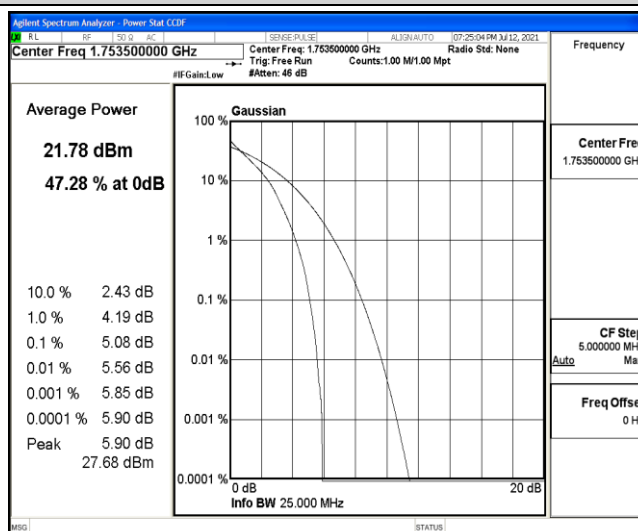
Band4-3MHz-QPSK-19965-15RB#0



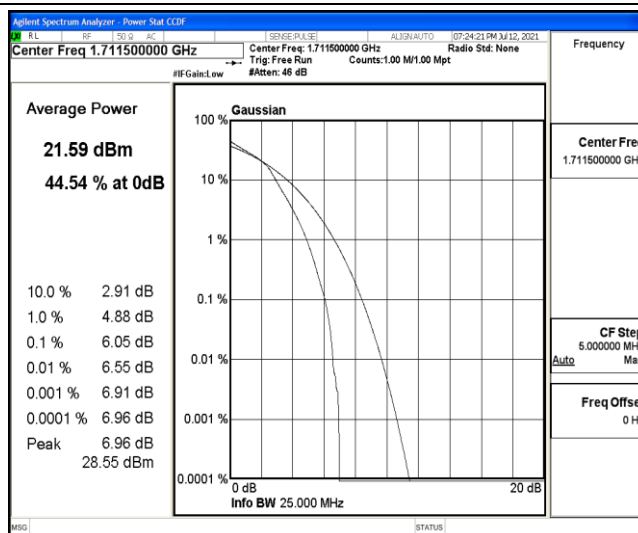
Band4-3MHz-QPSK-20175-15RB#0



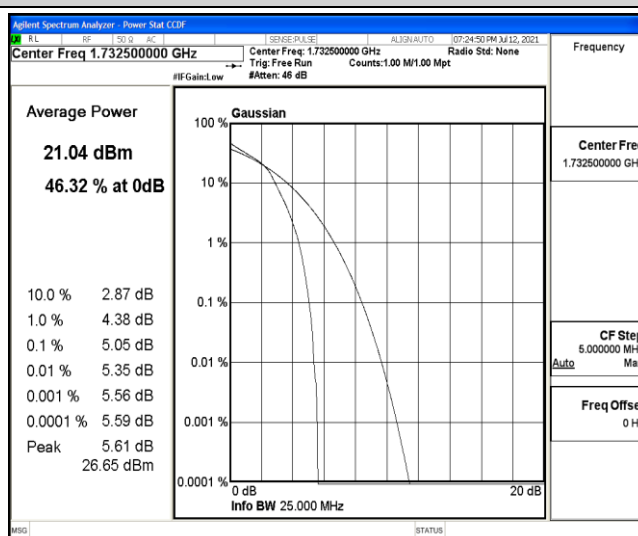
Band4-3MHz-QPSK-20385-15RB#0



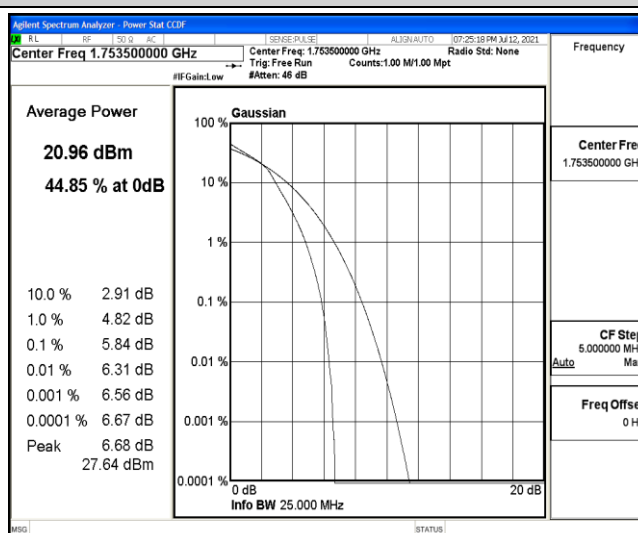
Band4-3MHz-16QAM-19965-15RB#0



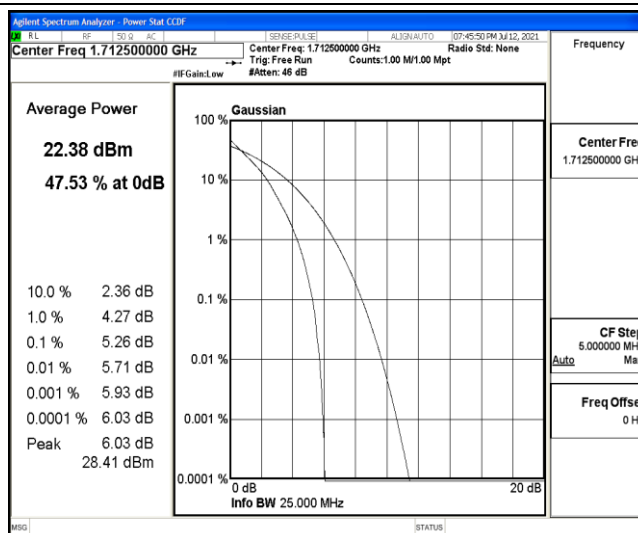
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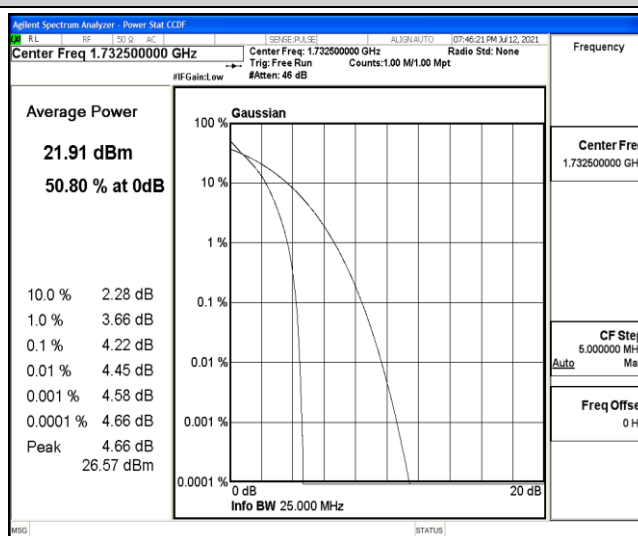
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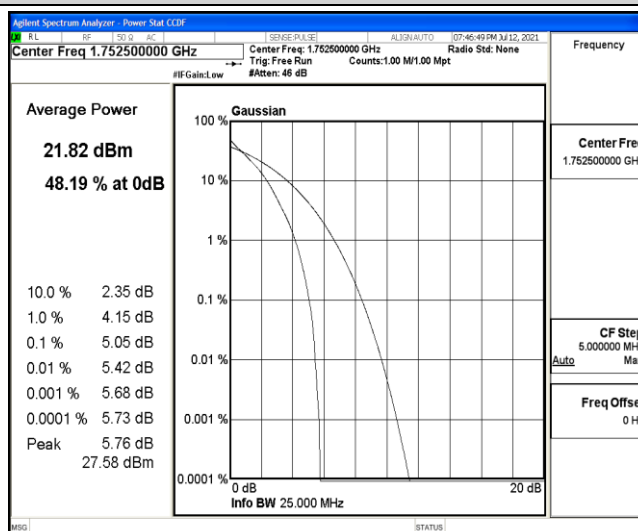
Band4-5MHz-QPSK-19975-25RB#0



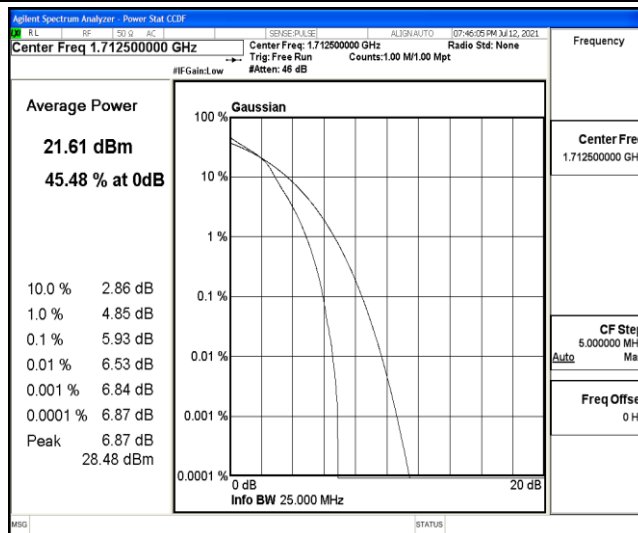
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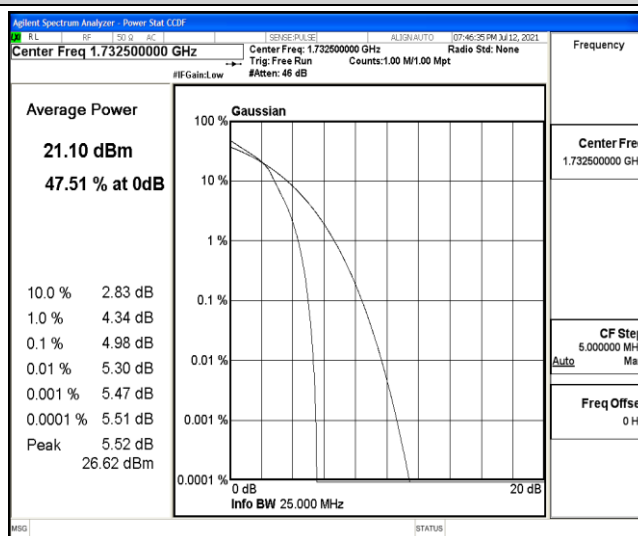
Band4-5MHz-QPSK-20375-25RB#0



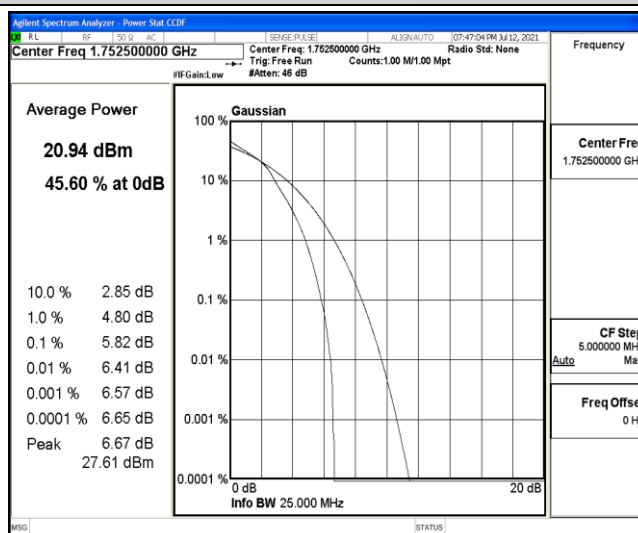
Band4-5MHz-16QAM-19975-25RB#0



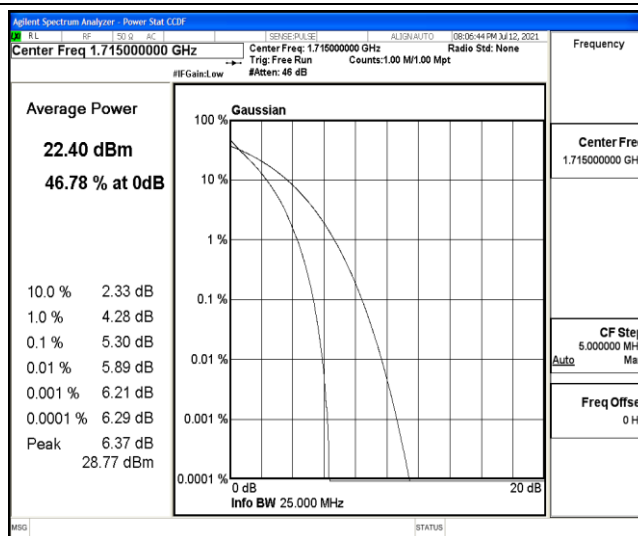
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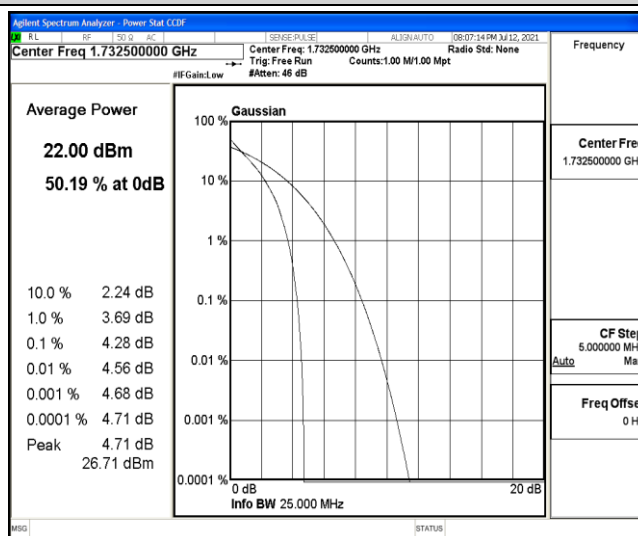
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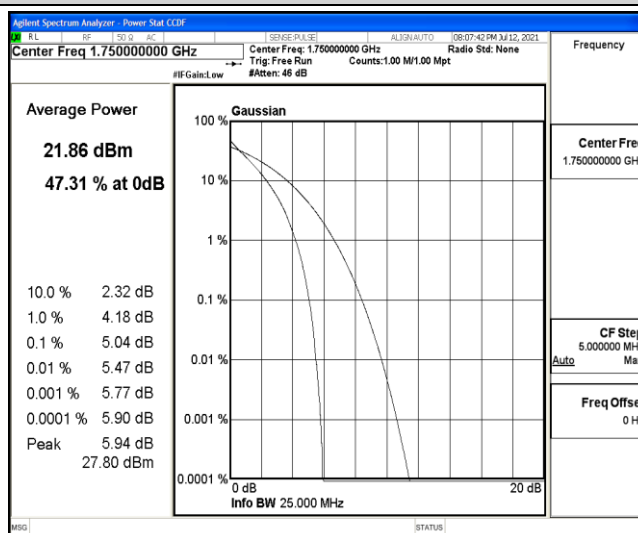
Band4-10MHz-QPSK-20000-50RB#0



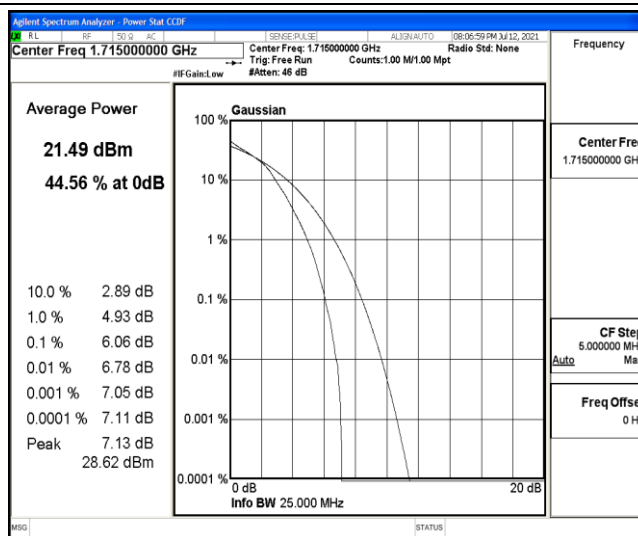
Band4-10MHz-QPSK-20175-50RB#0



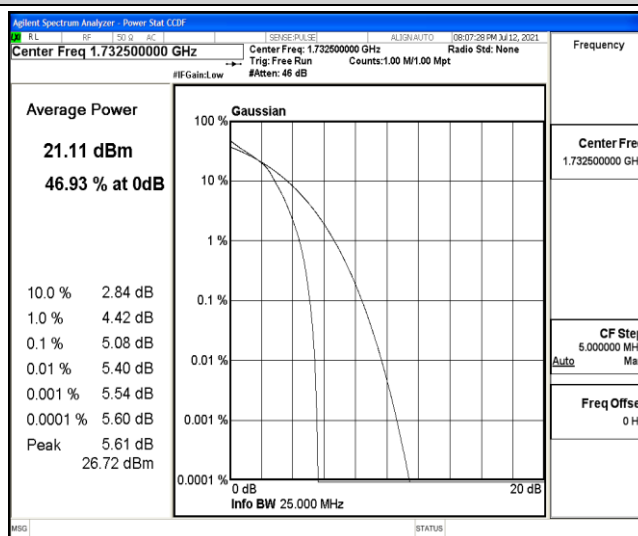
Band4-10MHz-QPSK-20350-50RB#0



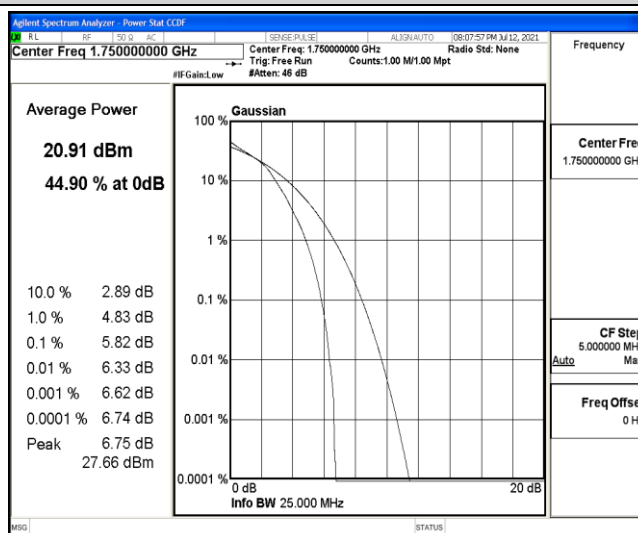
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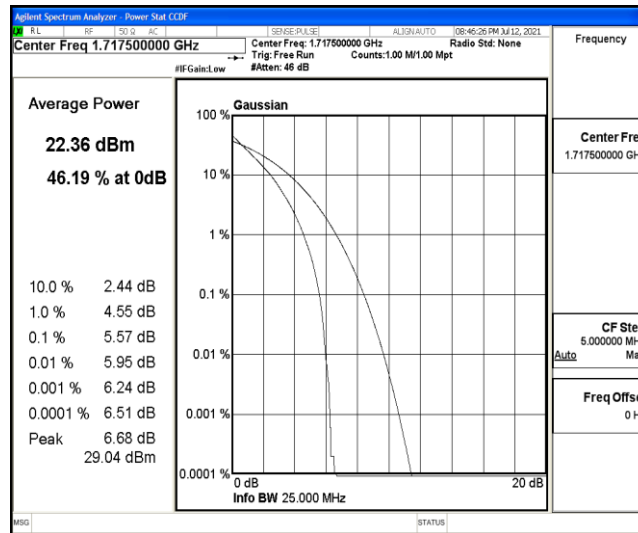
Band4-10MHz-16QAM-20175-50RB#0



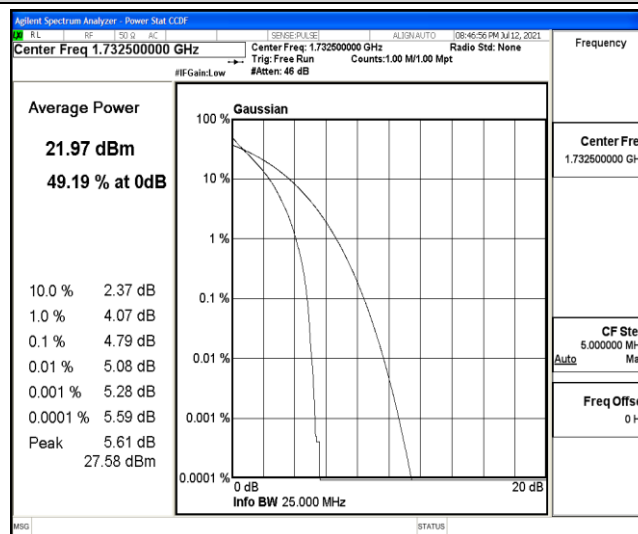
Band4-10MHz-16QAM-20350-50RB#0



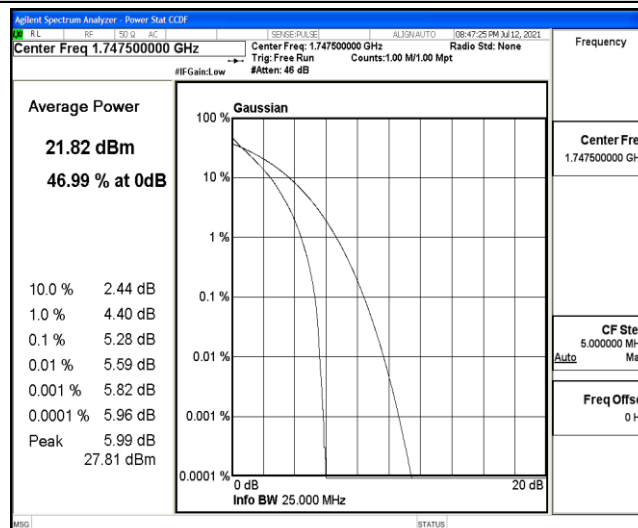
Band4-15MHz-QPSK-20025-75RB#0



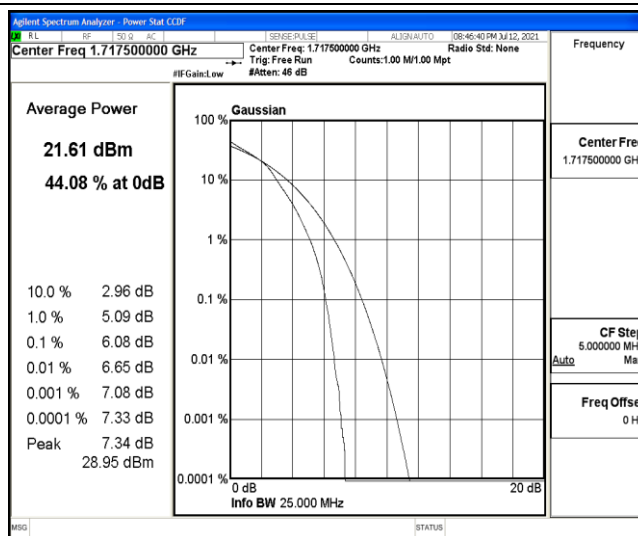
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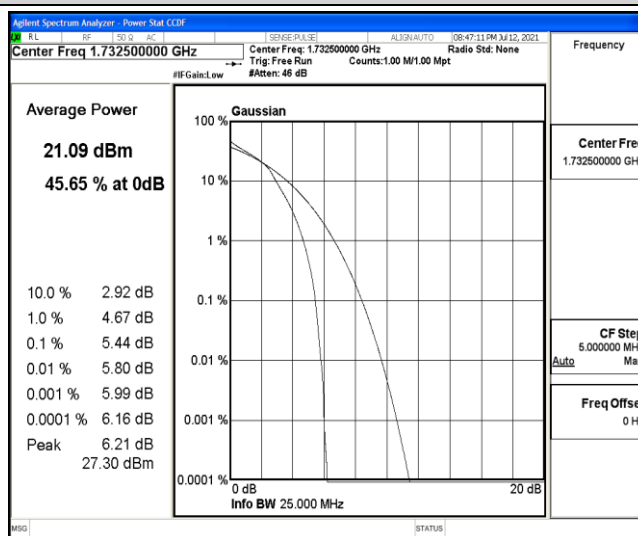
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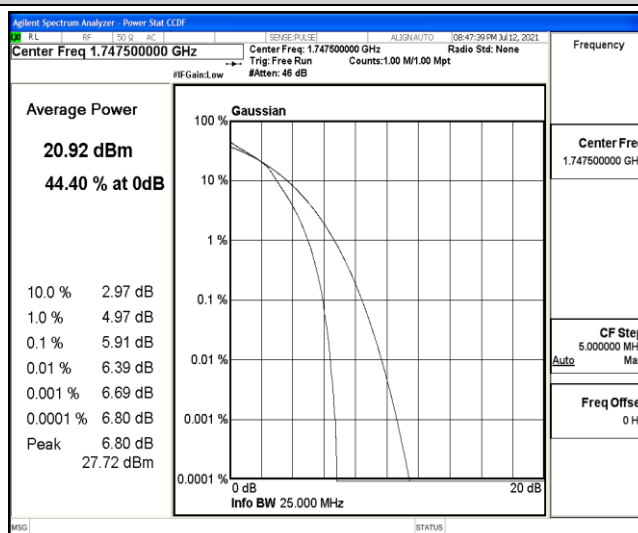
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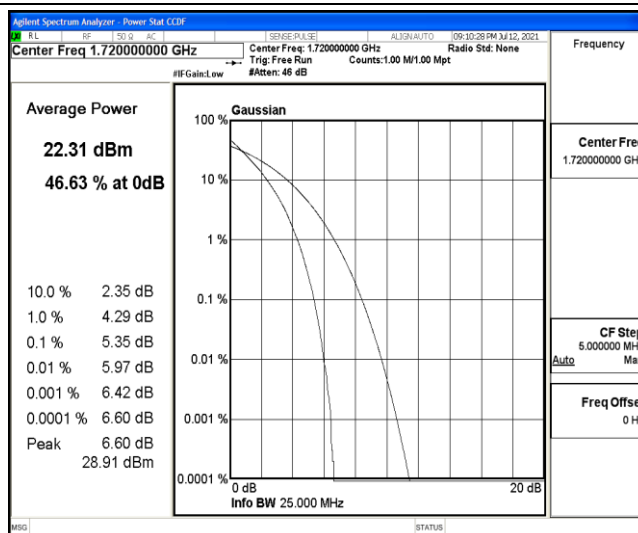
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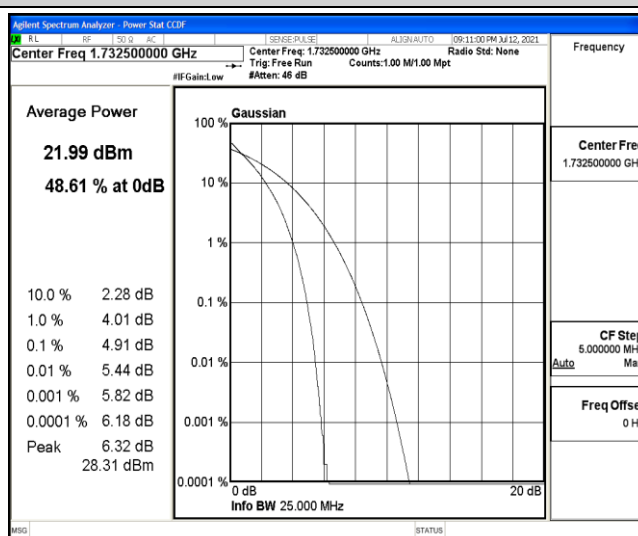
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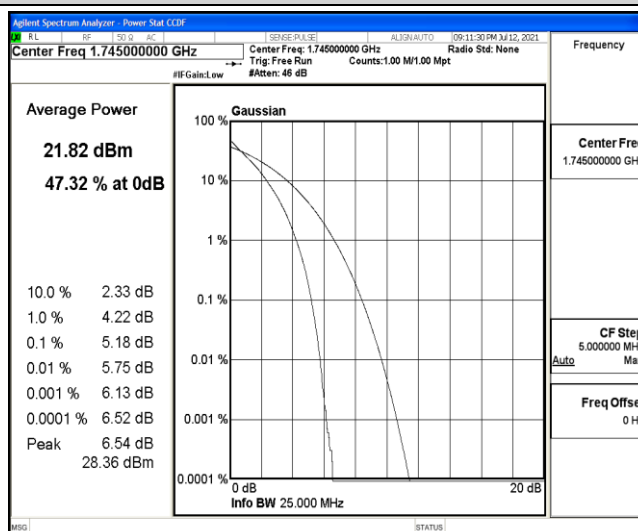
Band4-20MHz-QPSK-20050-100RB#0



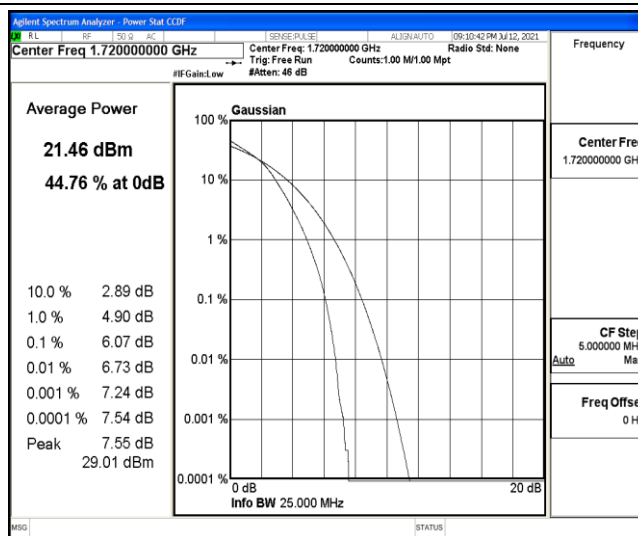
Band4-20MHz-QPSK-20175-100RB#0



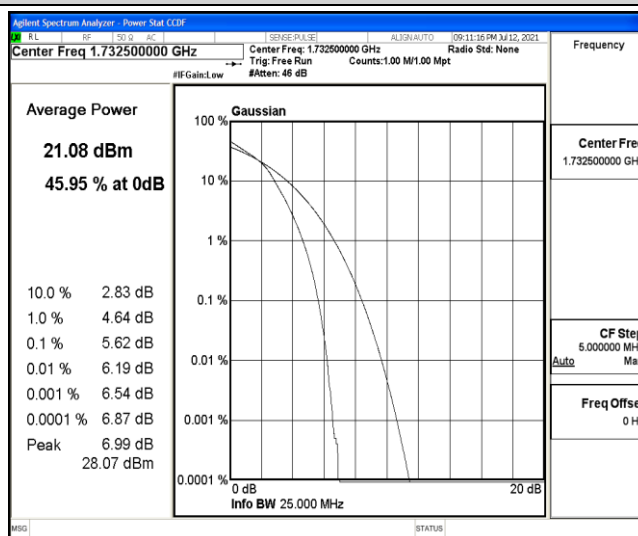
Band4-20MHz-QPSK-20300-100RB#0



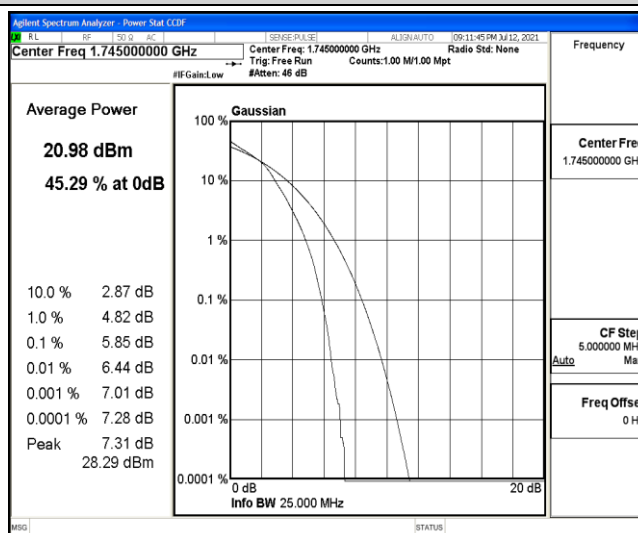
Band4-20MHz-16QAM-20050-100RB#0



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



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



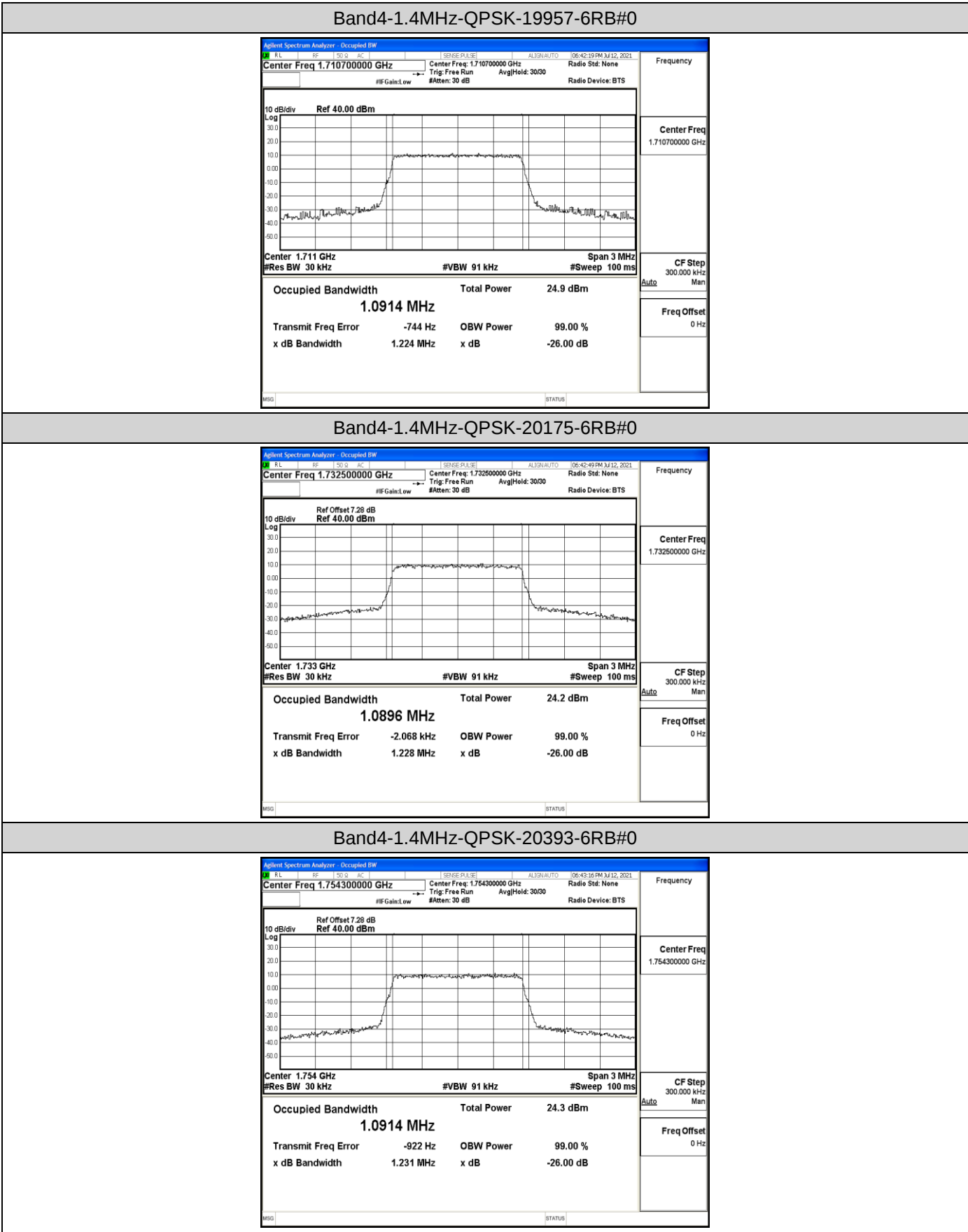


D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

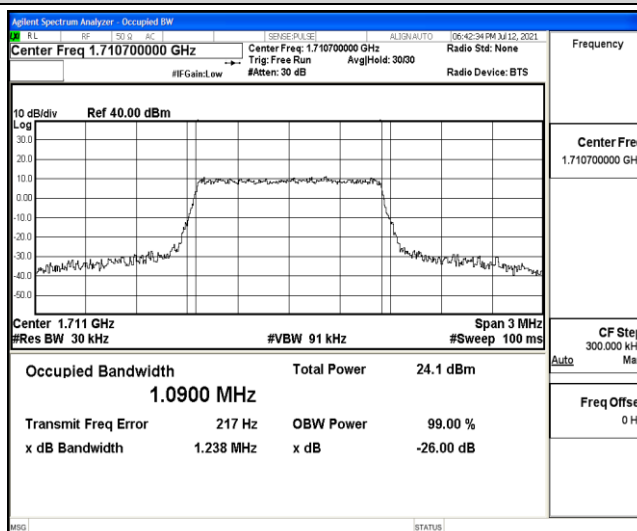
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0914	1.224	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0896	1.228	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0914	1.231	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0900	1.238	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0892	1.241	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0919	1.232	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6956	2.965	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7011	2.982	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6996	2.951	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6856	2.963	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6977	2.957	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6936	2.978	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4861	4.862	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4932	4.897	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4933	4.877	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4934	4.874	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4912	4.876	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4960	4.873	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9895	9.542	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9818	9.595	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9986	9.601	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9697	9.587	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9692	9.606	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9865	9.563	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.481	14.28	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.459	14.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.472	14.31	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.467	14.32	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.459	14.31	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.471	14.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.987	19.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.953	19.02	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.997	19.02	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.966	18.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.940	19.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.007	19.02	PASS

Test Graphs

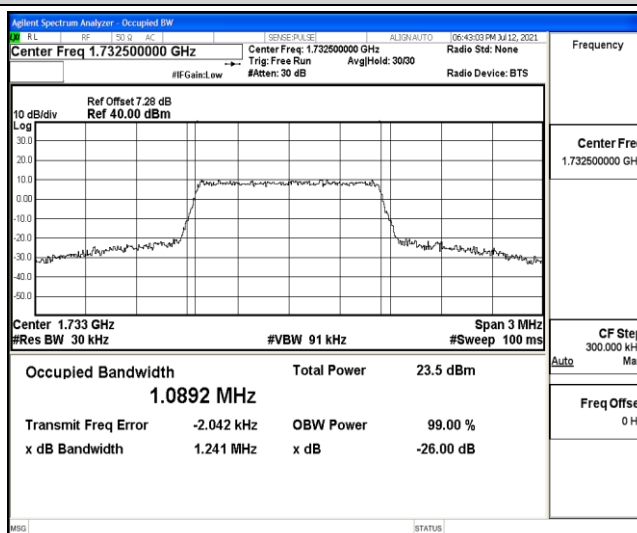




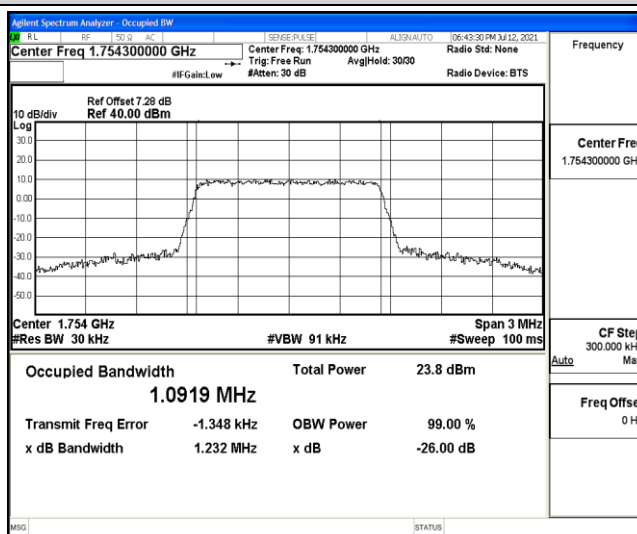
Band4-1.4MHz-16QAM-19957-6RB#0



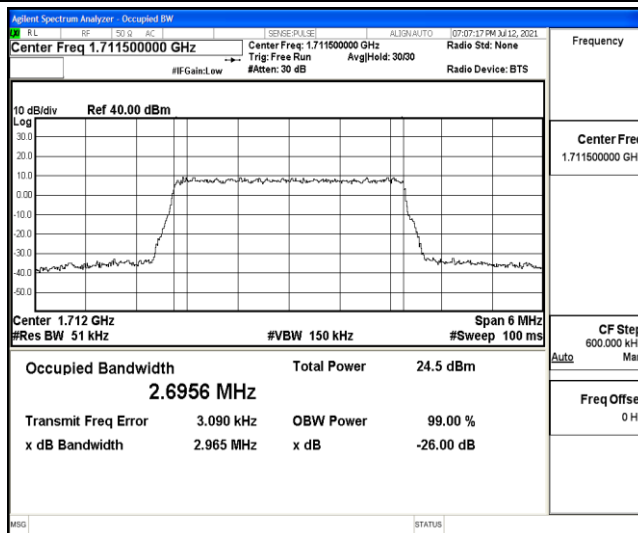
Band4-1.4MHz-16QAM-20175-6RB#0



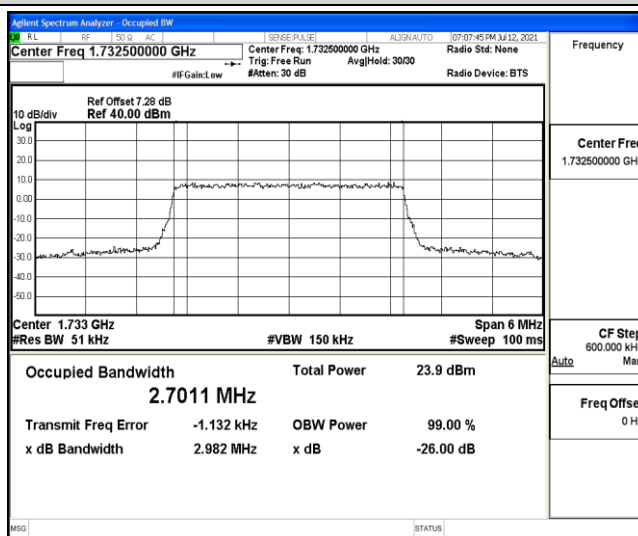
Band4-1.4MHz-16QAM-20393-6RB#0



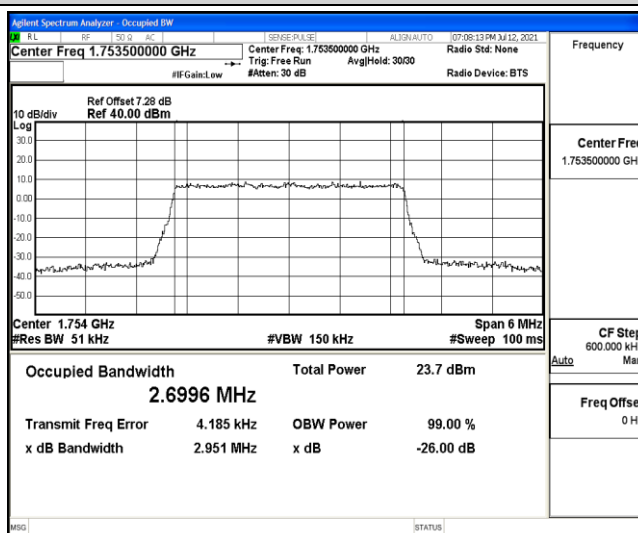
Band4-3MHz-QPSK-19965-15RB#0



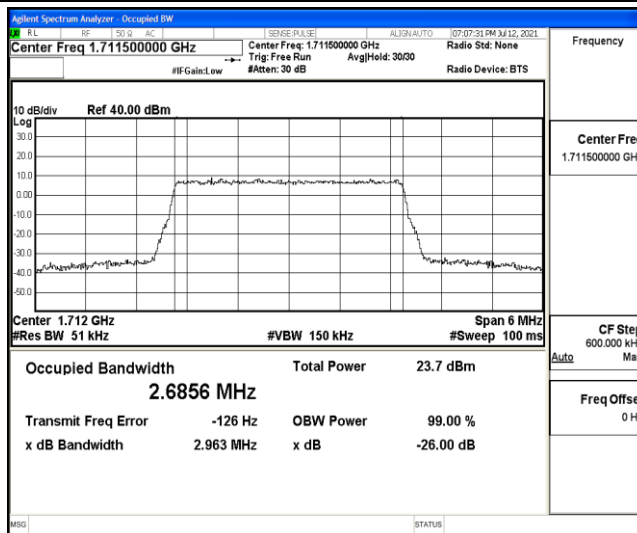
Band4-3MHz-QPSK-20175-15RB#0



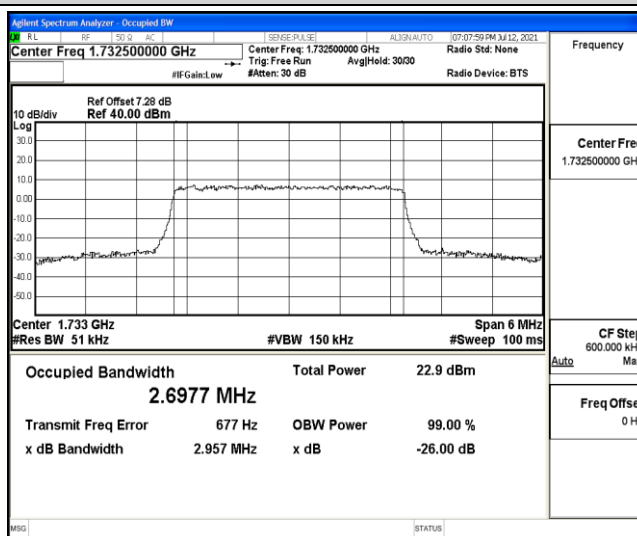
Band4-3MHz-QPSK-20385-15RB#0



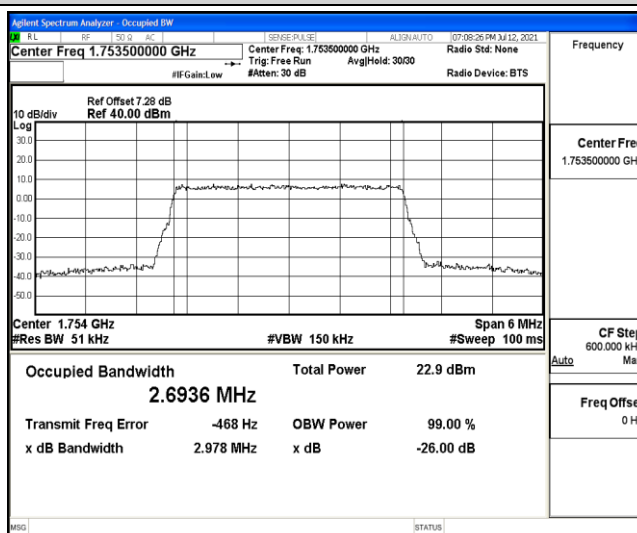
Band4-3MHz-16QAM-19965-15RB#0



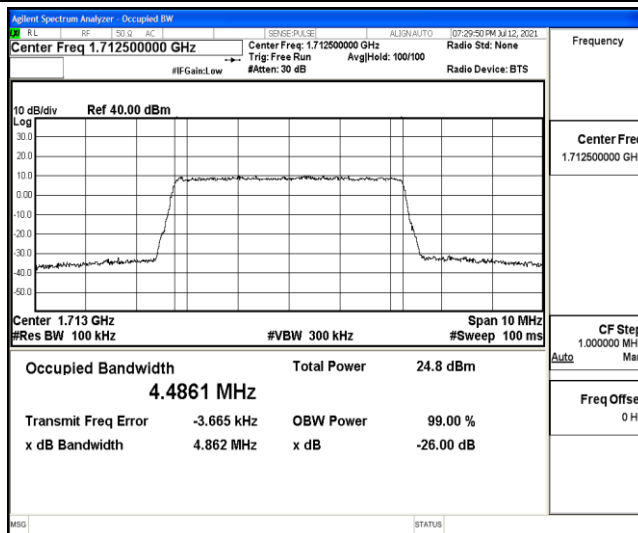
Band4-3MHz-16QAM-20175-15RB#0



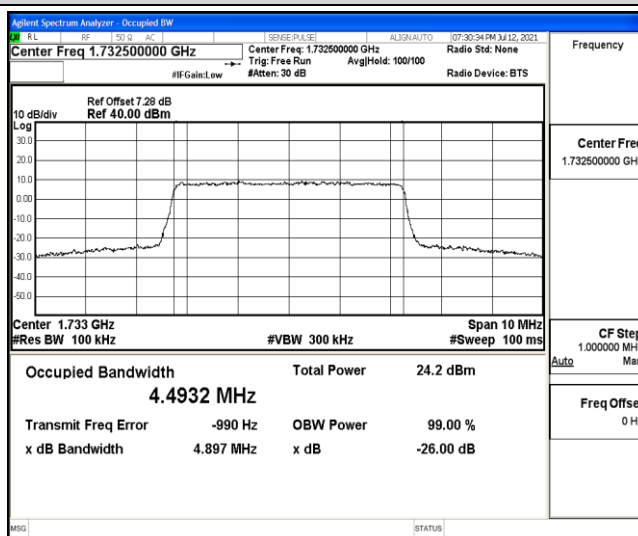
Band4-3MHz-16QAM-20385-15RB#0



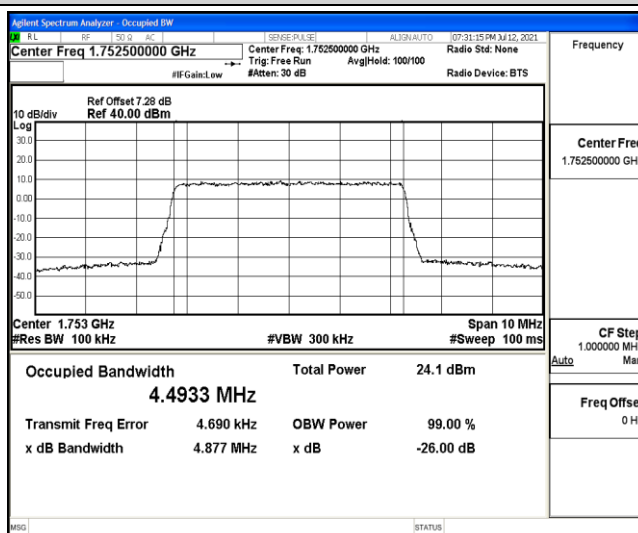
Band4-5MHz-QPSK-19975-25RB#0



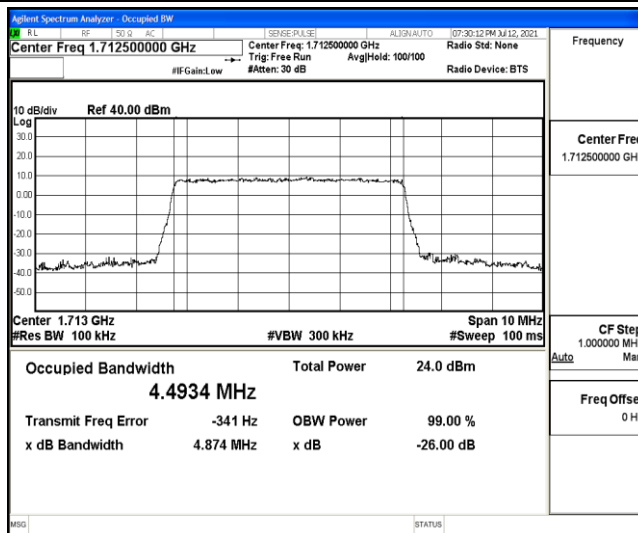
Band4-5MHz-QPSK-20175-25RB#0



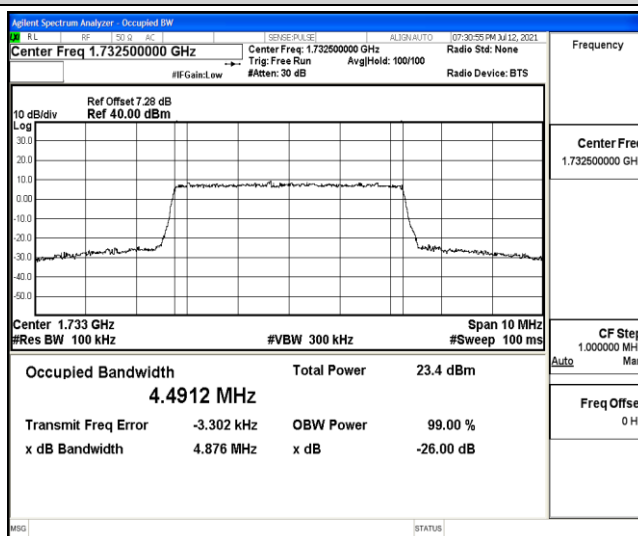
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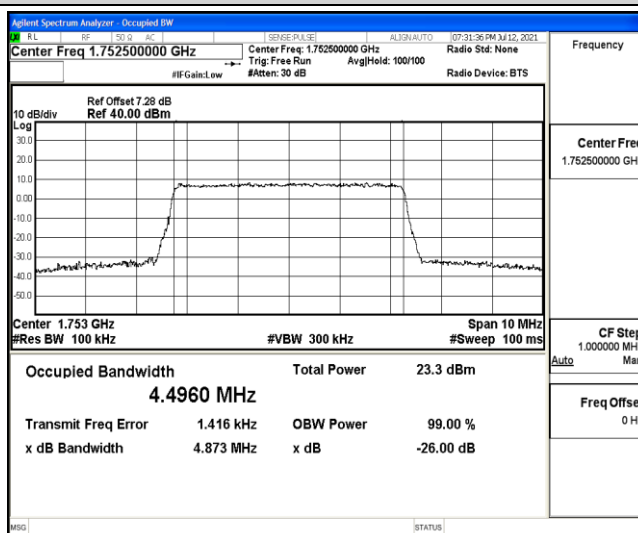
Band4-5MHz-16QAM-19975-25RB#0



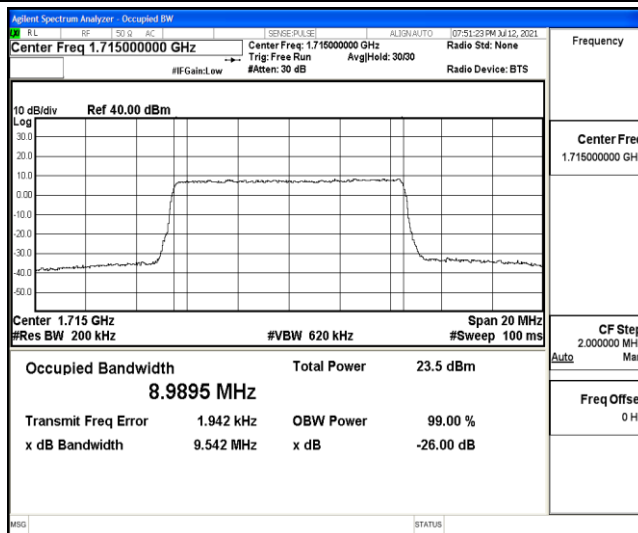
Band4-5MHz-16QAM-20175-25RB#0



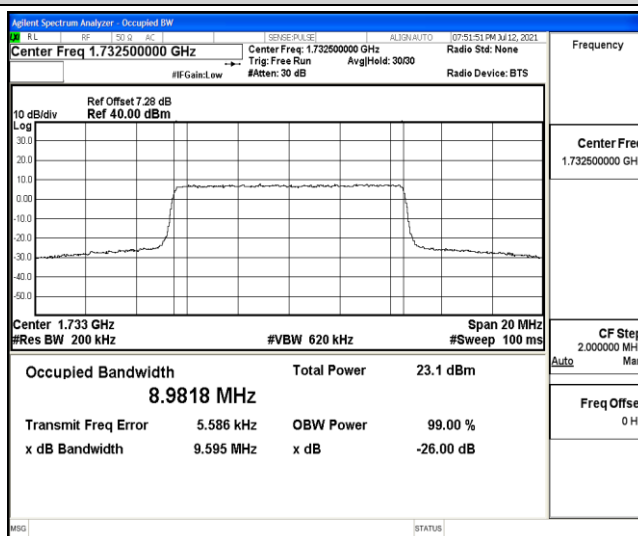
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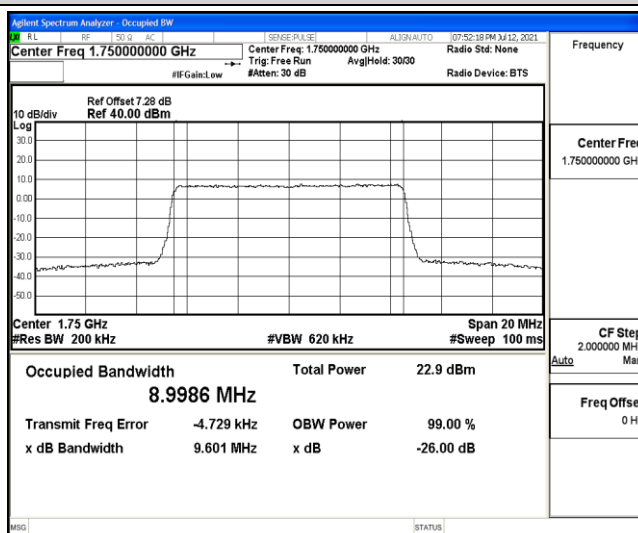
Band4-10MHz-QPSK-20000-50RB#0



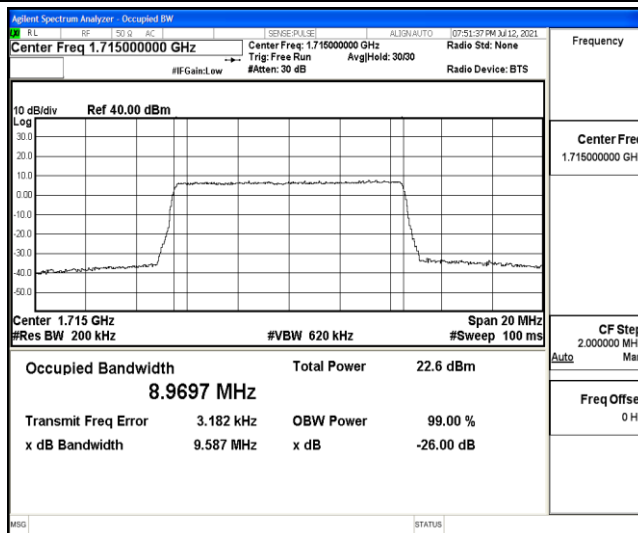
Band4-10MHz-QPSK-20175-50RB#0



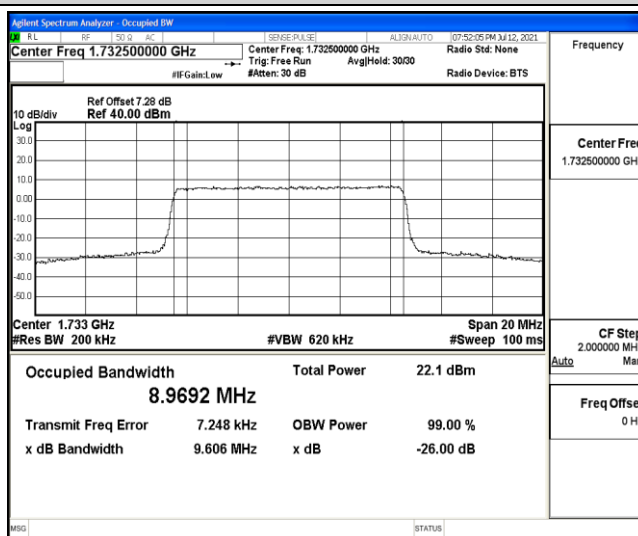
Band4-10MHz-QPSK-20350-50RB#0



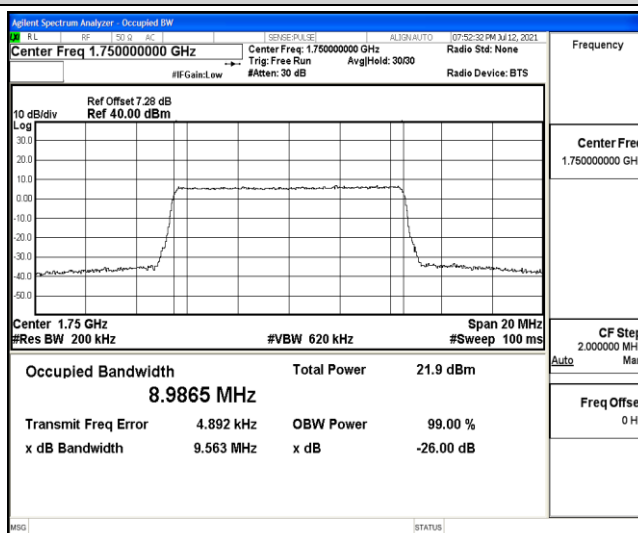
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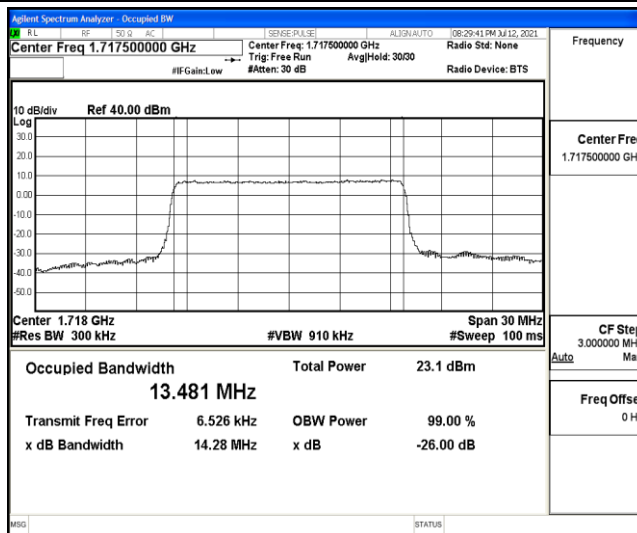
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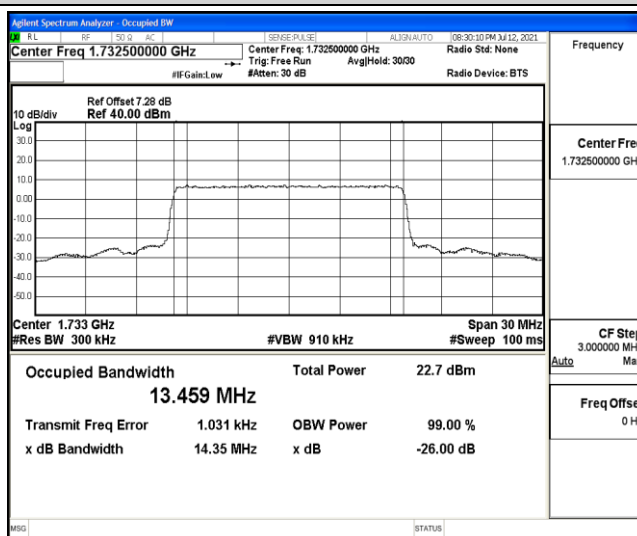
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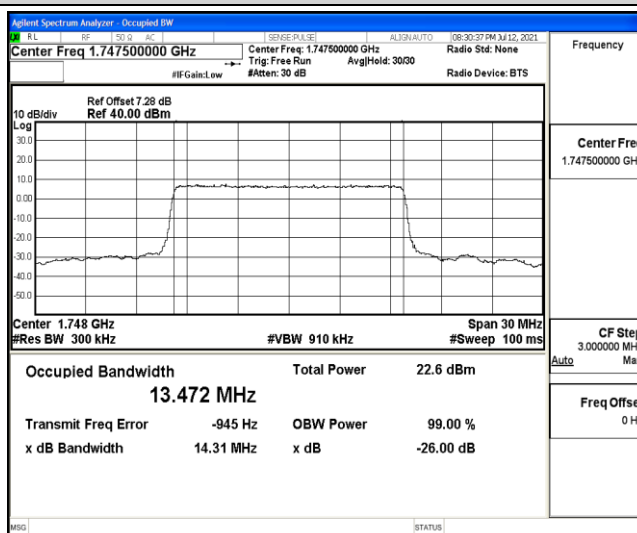
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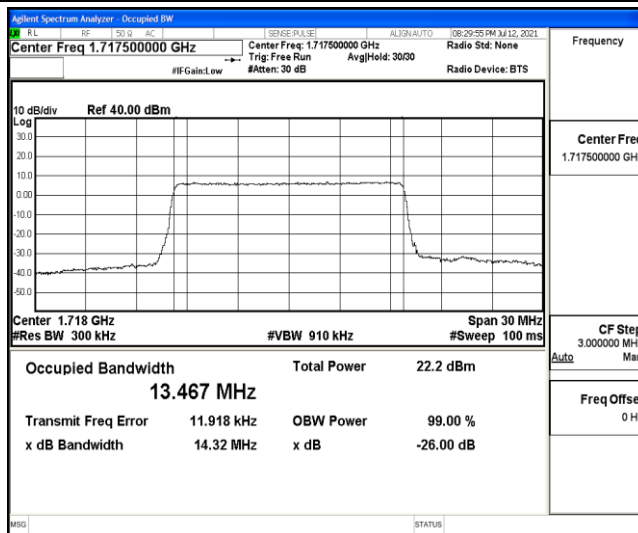
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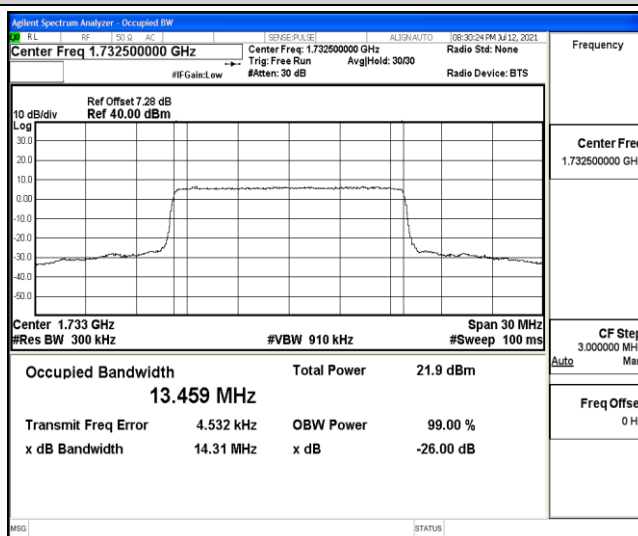
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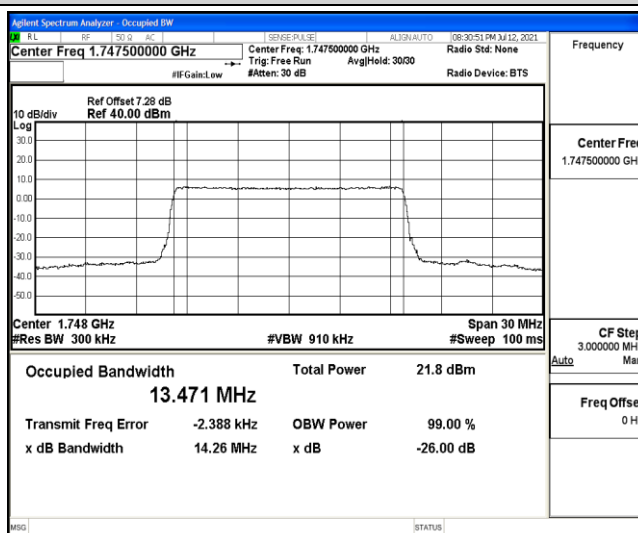
Band4-15MHz-16QAM-20025-75RB#0



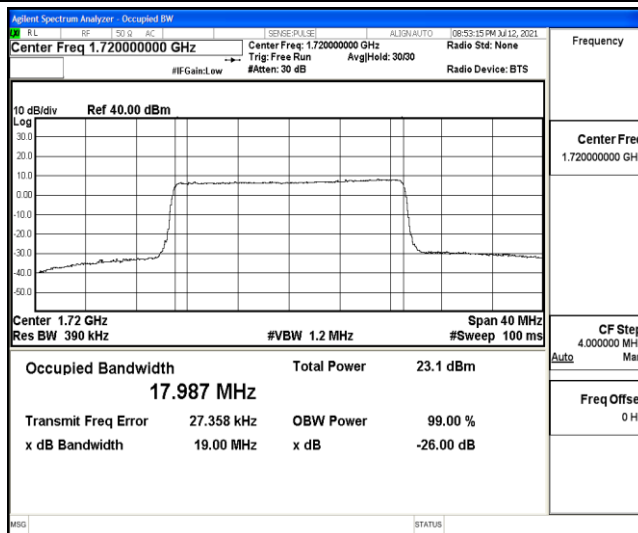
Band4-15MHz-16QAM-20175-75RB#0



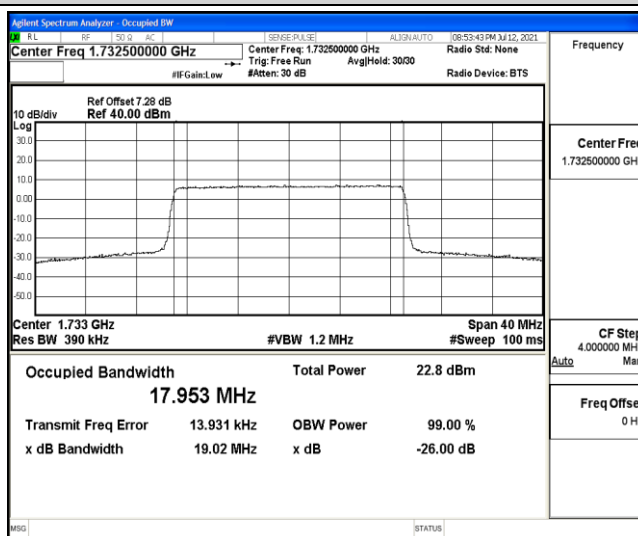
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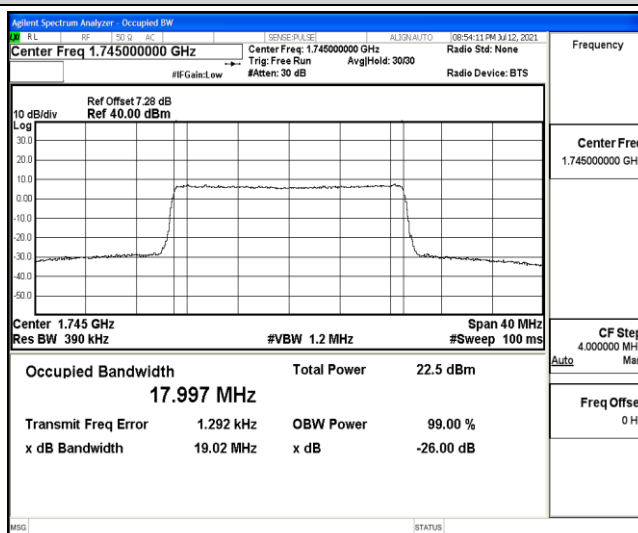
Band4-20MHz-QPSK-20050-100RB#0



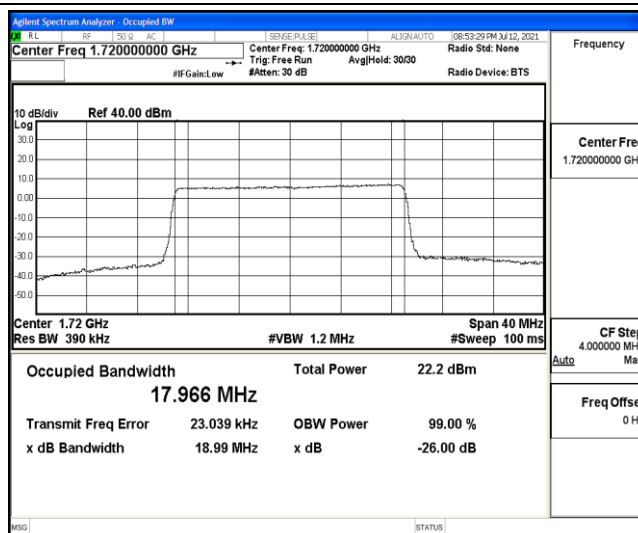
Band4-20MHz-QPSK-20175-100RB#0



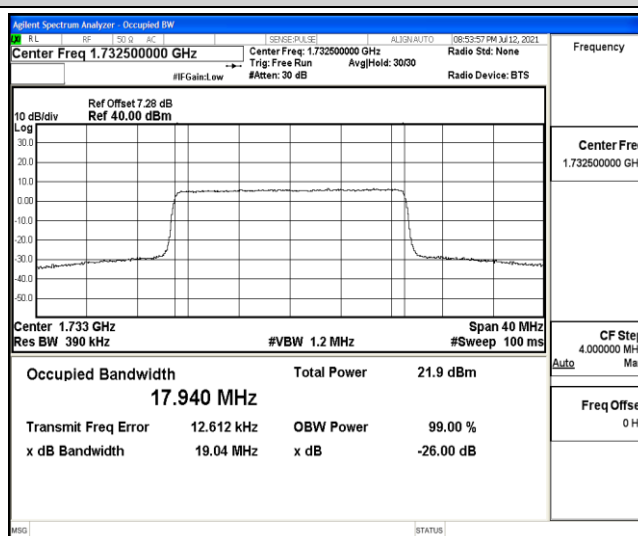
Band4-20MHz-QPSK-20300-100RB#0



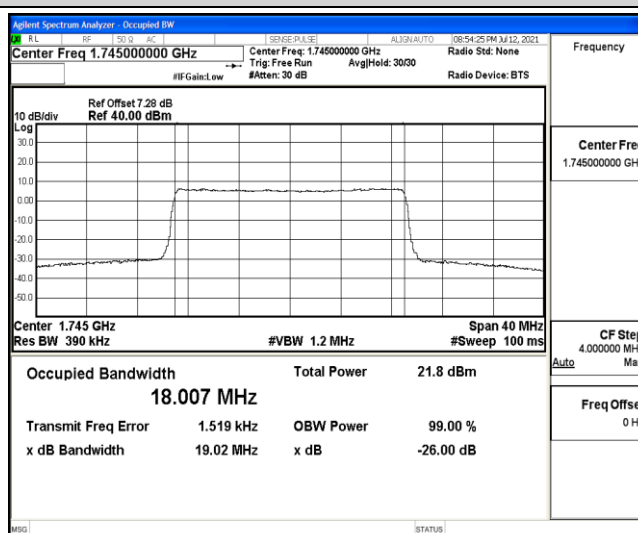
Band4-20MHz-16QAM-20050-100RB#0



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



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





D.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-26.98	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.03	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-27.46	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.96	PASS
Band4	3MHz	QPSK	19965	15RB#0	-17.59	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.20	PASS
Band4	3MHz	16QAM	19965	15RB#0	-19.05	PASS
Band4	3MHz	16QAM	20385	15RB#0	-19.46	PASS
Band4	5MHz	QPSK	19975	25RB#0	-21.77	PASS
Band4	5MHz	QPSK	20375	25RB#0	-23.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.63	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.36	PASS
Band4	10MHz	QPSK	20000	50RB#0	-25.98	PASS
Band4	10MHz	QPSK	20350	50RB#0	-26.43	PASS
Band4	10MHz	16QAM	20000	50RB#0	-26.89	PASS
Band4	10MHz	16QAM	20350	50RB#0	-27.10	PASS
Band4	15MHz	QPSK	20025	75RB#0	-26.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.92	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	-27.16	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.84	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.91	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.85	PASS
Band4	20MHz	16QAM	20300	100RB#0	-29.47	PASS

Test Graphs

