

Appendix for Band 4

Product Name: Industrial IoT Gateway

Model No: BL101

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.57	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.39	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.42	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.28	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.32	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.23	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.68	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.57	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.45	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.44	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.57	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.37	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.44	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.52	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.64	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.51	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.41	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.29	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.41	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.41	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.43	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.67	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.50	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.62	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.47	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.53	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.58	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.65	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.77	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.53	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.60	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.67	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.61	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.44	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.25	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.47	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.42	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.40	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.35	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.31	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.50	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.40	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.56	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.50	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.51	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.59	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.91	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.77	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.76	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.63	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.56	PASS

Band4	3MHz	16QAM	19965	8RB#7	20.53	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.59	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.69	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.48	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.50	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.37	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.36	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.31	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.37	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.39	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.33	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.60	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.63	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.47	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.99	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.96	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.15	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.92	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.89	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.92	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.99	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.87	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.83	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.75	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.67	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.68	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.70	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.67	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.08	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.91	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.96	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.91	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.90	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.98	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.95	PASS

Band4	5MHz	16QAM	19975	1RB#0	21.88	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.04	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.89	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.91	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.81	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.92	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.98	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.96	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.68	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.62	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.71	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.66	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.07	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.13	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.06	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.93	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.91	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.98	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.98	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.78	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.88	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.83	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.82	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.89	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.65	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.80	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.44	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.52	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.51	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.50	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.50	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.49	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.54	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.72	PASS

Band4	10MHz	QPSK	20350	1RB#49	22.82	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.75	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.81	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.85	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.83	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.84	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.05	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.94	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.69	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.75	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.70	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.61	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.81	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.57	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.50	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.81	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.61	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.65	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.56	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.66	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.98	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.09	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.64	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.85	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.90	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.86	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.65	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.54	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.72	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.79	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.54	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.61	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.53	PASS
Band4	15MHz	QPSK	20175	1RB#0	20.52	PASS
Band4	15MHz	QPSK	20175	1RB#38	20.58	PASS
Band4	15MHz	QPSK	20175	1RB#74	20.68	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.41	PASS

Band4	15MHz	QPSK	20175	38RB#18	20.67	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.50	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.52	PASS
Band4	15MHz	QPSK	20325	1RB#0	20.69	PASS
Band4	15MHz	QPSK	20325	1RB#38	20.54	PASS
Band4	15MHz	QPSK	20325	1RB#74	20.63	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.80	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.51	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.61	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.61	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.56	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.57	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.61	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.59	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.60	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.65	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.78	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.51	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.67	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.87	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.81	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.49	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.68	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.53	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.69	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.81	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.53	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.53	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.65	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.82	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.85	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.66	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.62	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.63	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.57	PASS

Band4	20MHz	QPSK	20050	100RB#0	21.55	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.69	PASS
Band4	20MHz	QPSK	20175	1RB#49	20.37	PASS
Band4	20MHz	QPSK	20175	1RB#99	20.36	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.31	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.41	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.33	PASS
Band4	20MHz	QPSK	20300	1RB#0	20.87	PASS
Band4	20MHz	QPSK	20300	1RB#49	20.71	PASS
Band4	20MHz	QPSK	20300	1RB#99	20.65	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.73	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.72	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.72	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.70	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.97	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.79	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.63	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.63	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.59	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.59	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.53	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.69	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.50	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.38	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.36	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.33	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.36	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.77	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.90	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.75	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.73	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.76	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.57	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.71	PASS

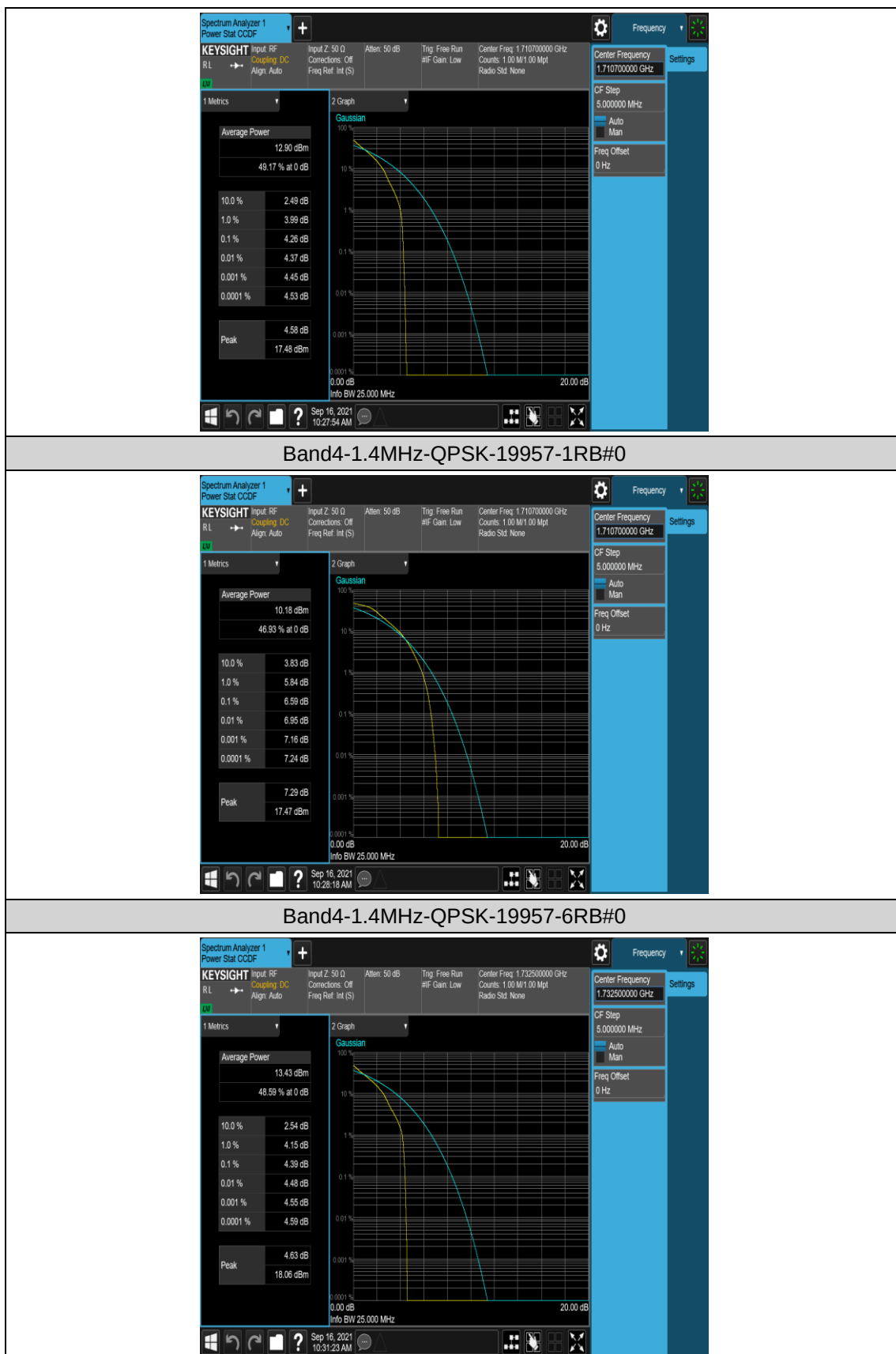
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

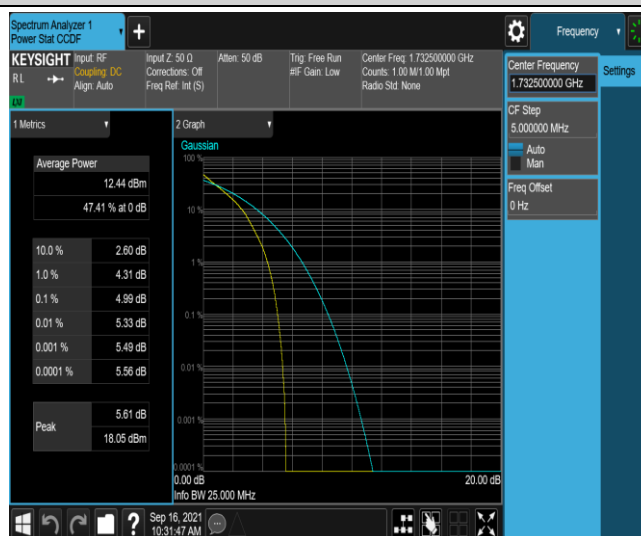
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.26	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	6.59	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.39	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.99	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.66	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.20	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.17	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.67	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.32	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.87	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.65	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.10	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.19	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.90	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.34	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.03	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.88	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.50	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.17	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.75	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.24	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.85	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.92	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.33	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.33	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.98	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.38	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.07	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.05	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.51	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.21	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.80	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.24	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.90	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.85	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.24	13	PASS

Band4	10MHz	QPSK	20000	50RB#0	5.03	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.33	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.14	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.27	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.63	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.21	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.86	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.28	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.93	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.50	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.79	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.51	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.53	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.84	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.33	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.74	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.22	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.77	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.25	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.80	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.07	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.76	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.37	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.80	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.70	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.10	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.69	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.18	13	PASS
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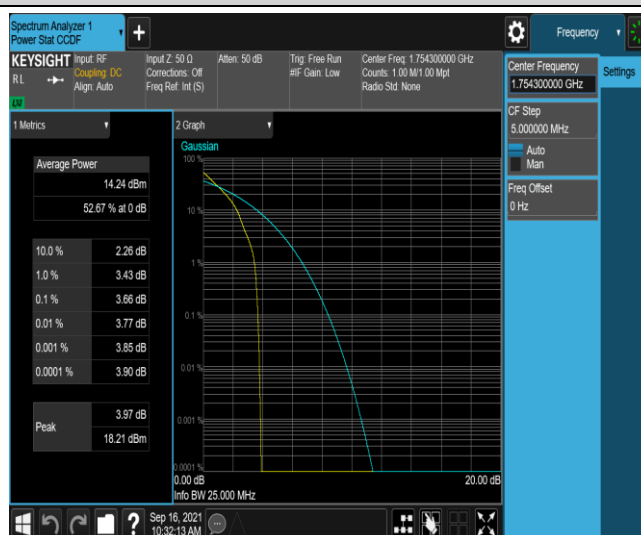
Test Graphs



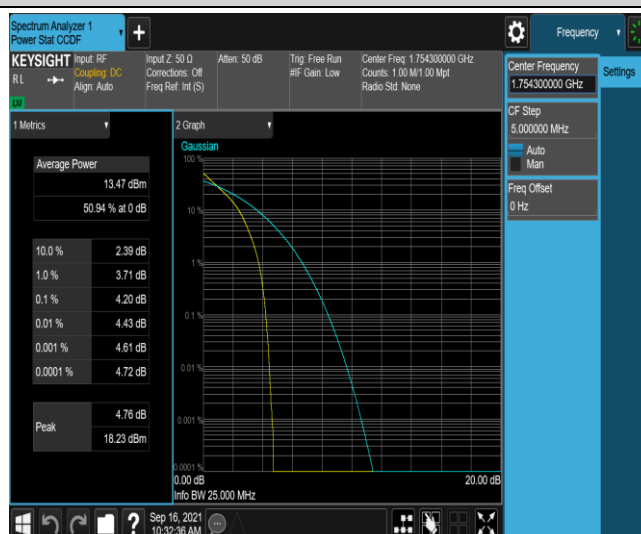
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Band4-1.4MHz-QPSK-20393-1RB#0



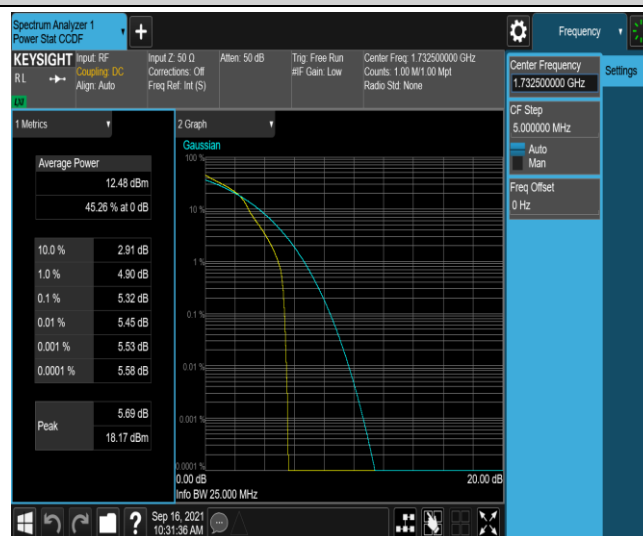
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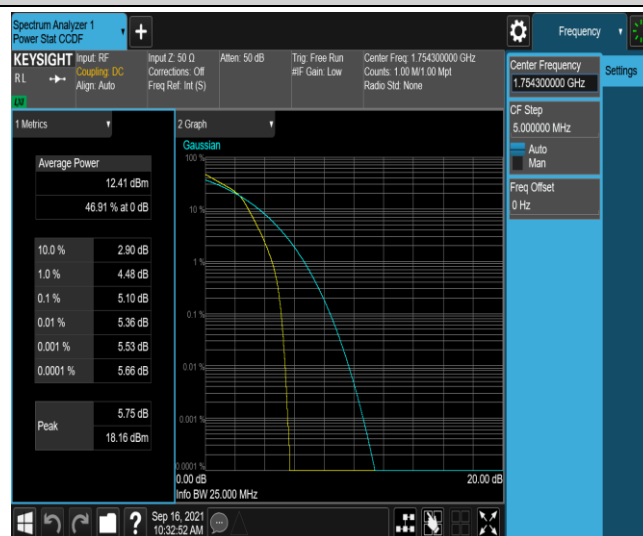
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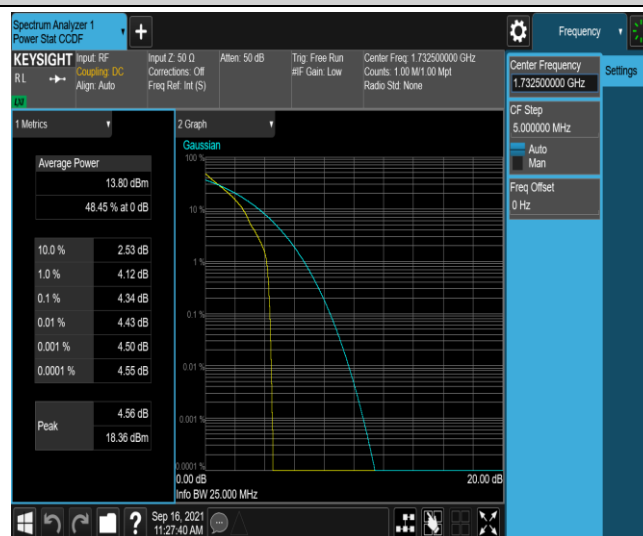
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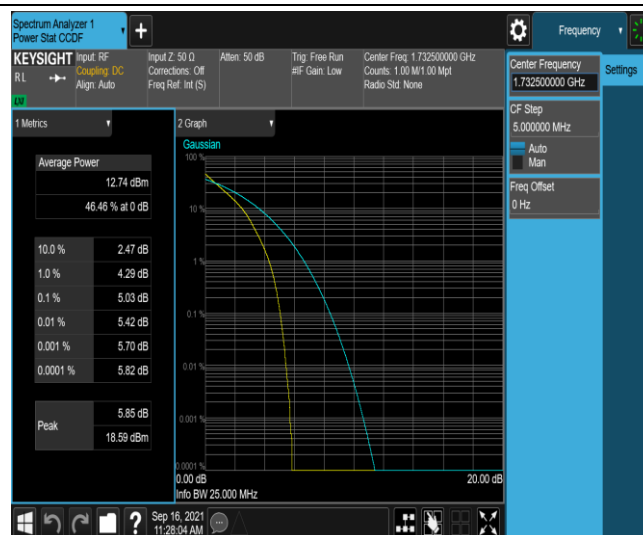
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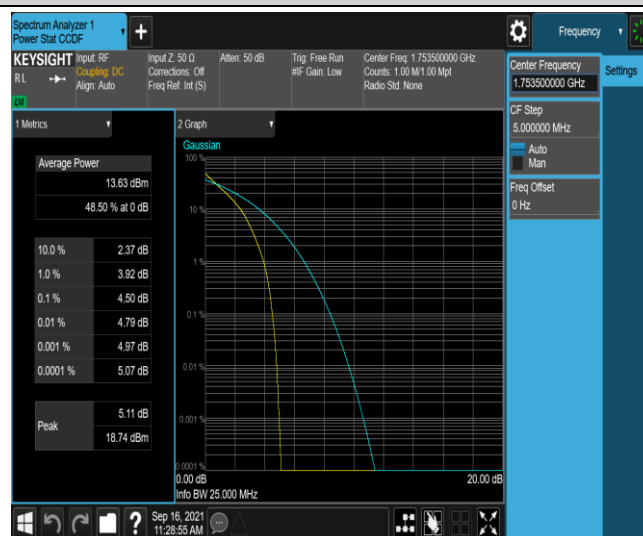
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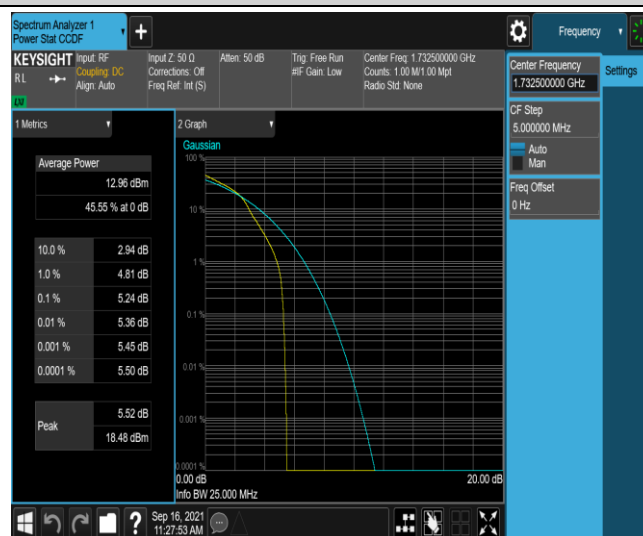
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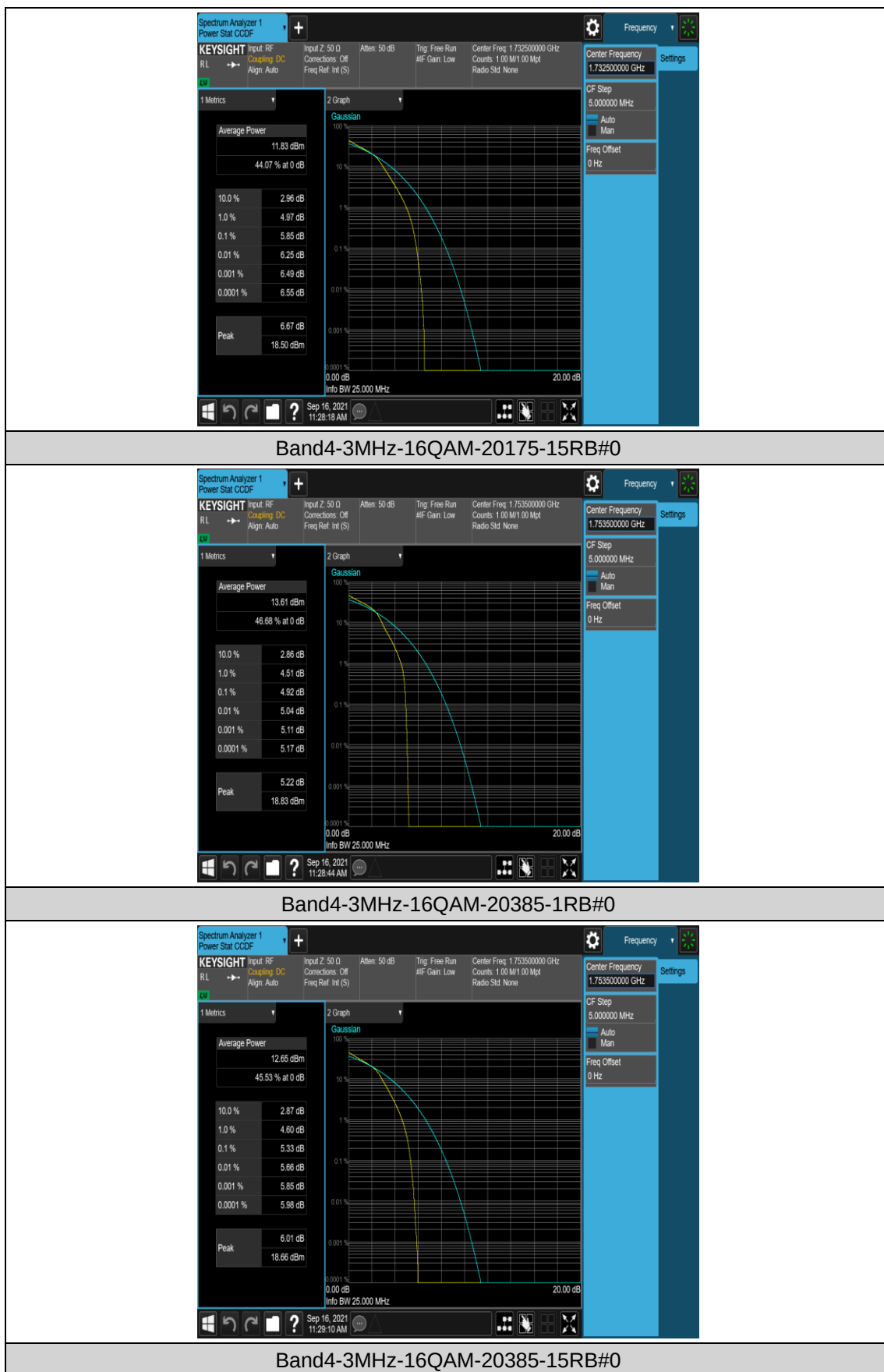
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Band4-3MHz-16QAM-20175-1RB#0

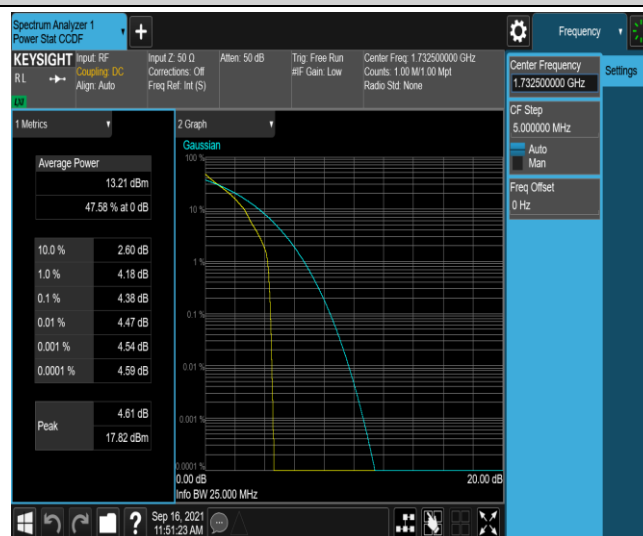




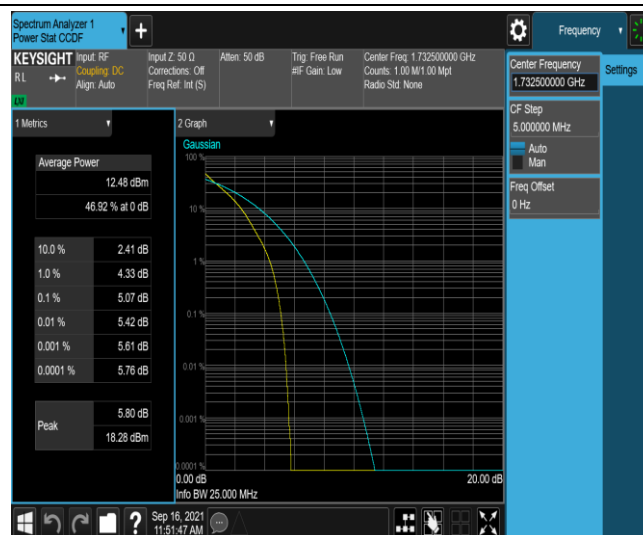
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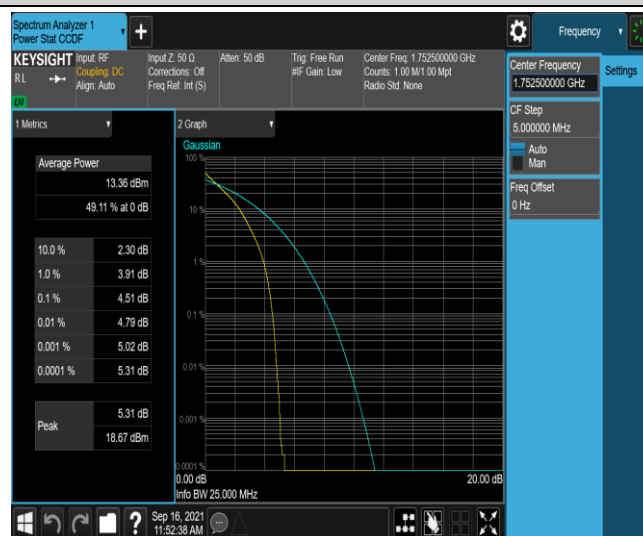
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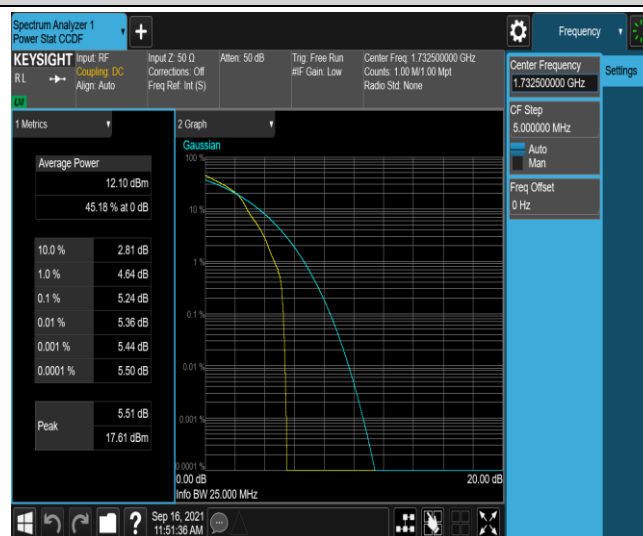
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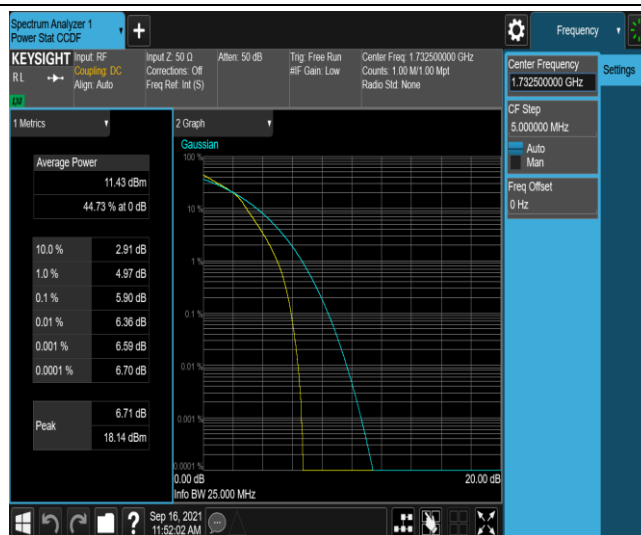
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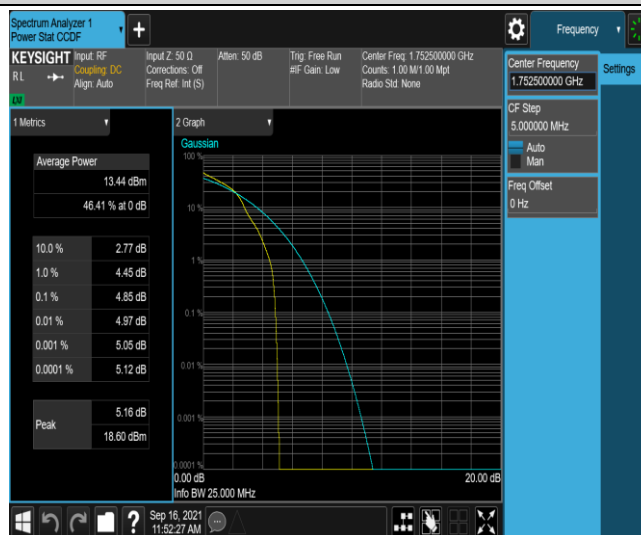
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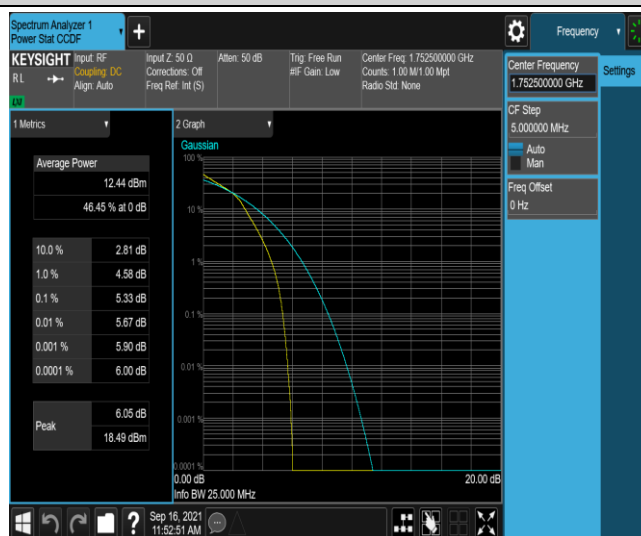
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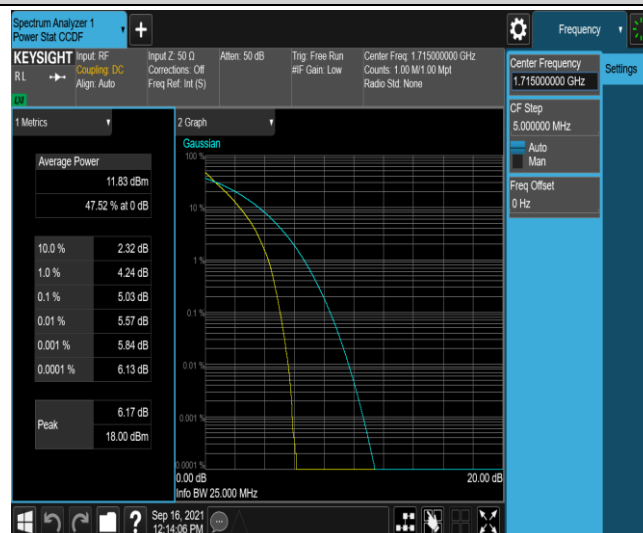
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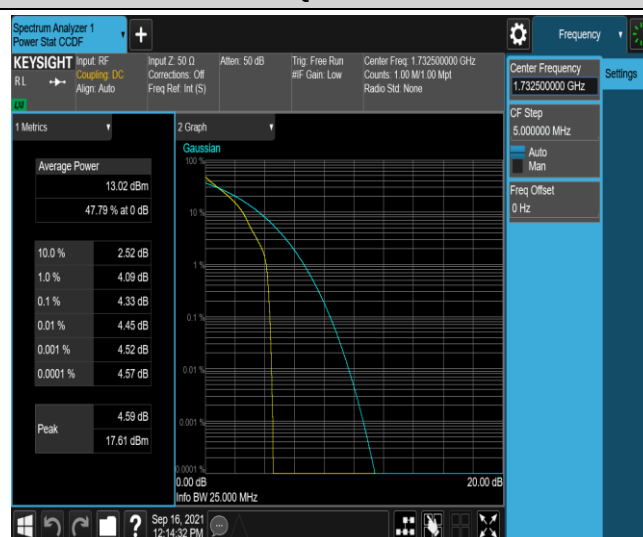
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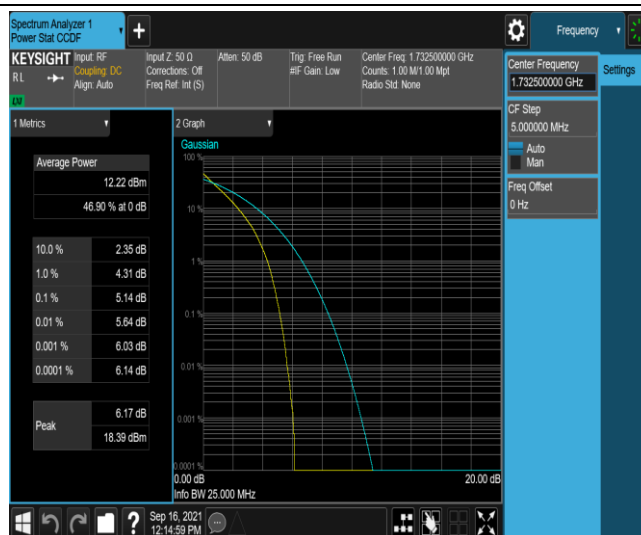
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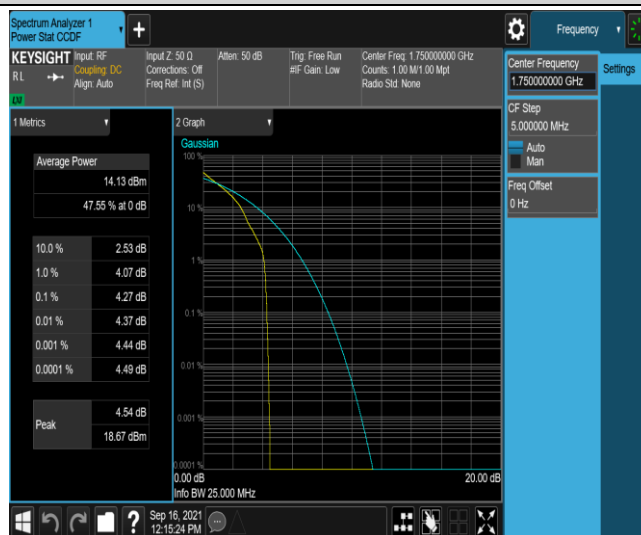
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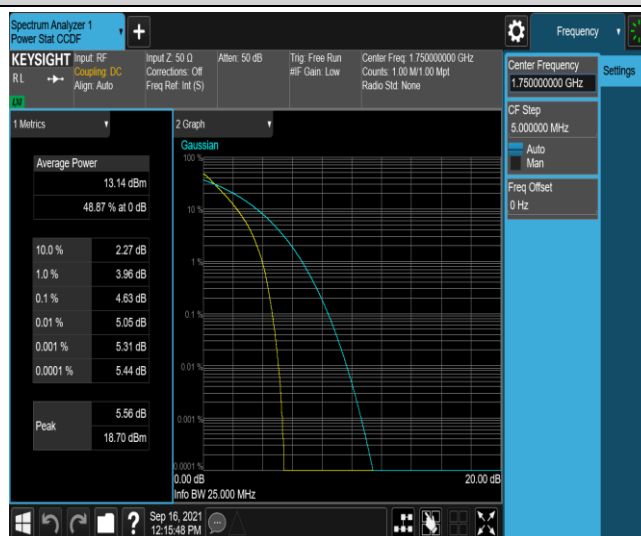
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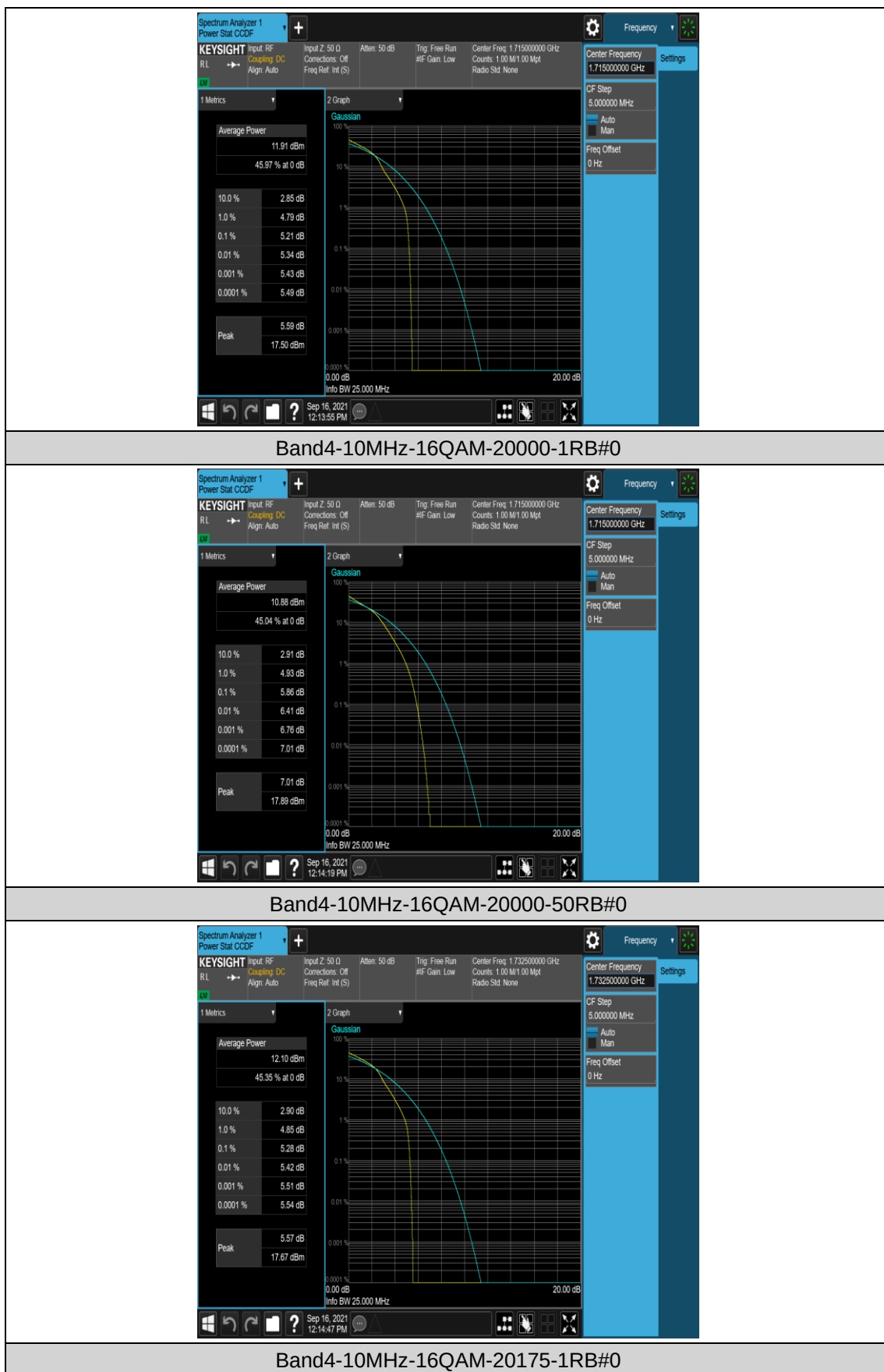
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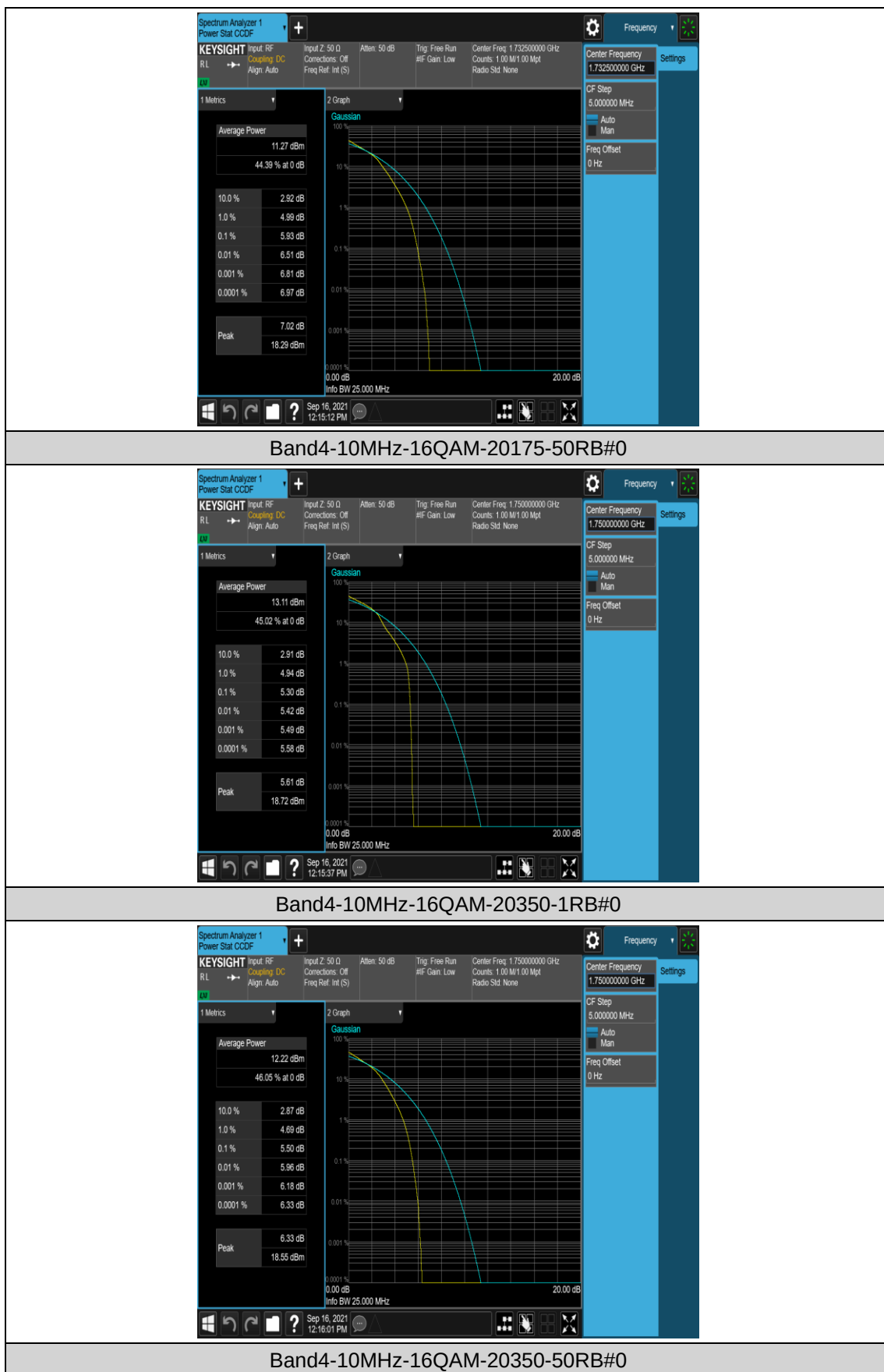


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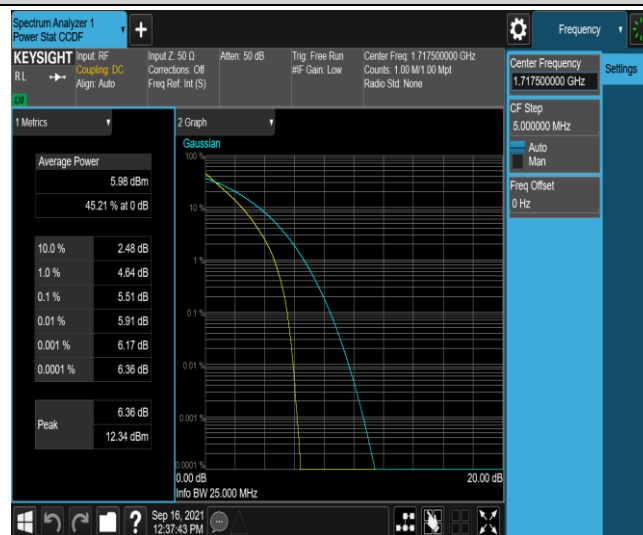
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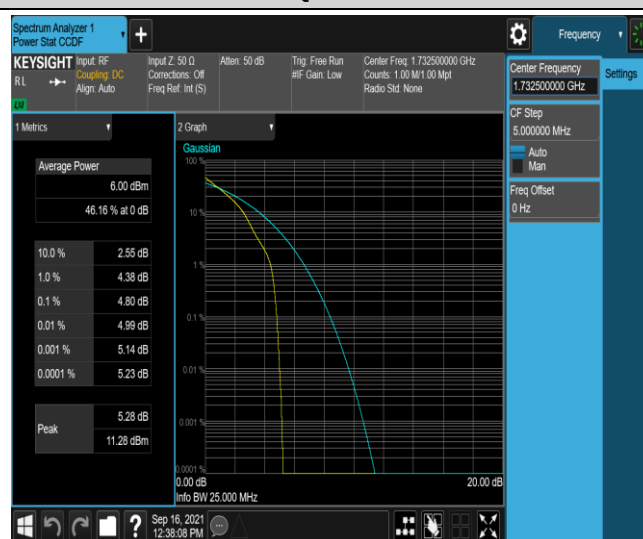




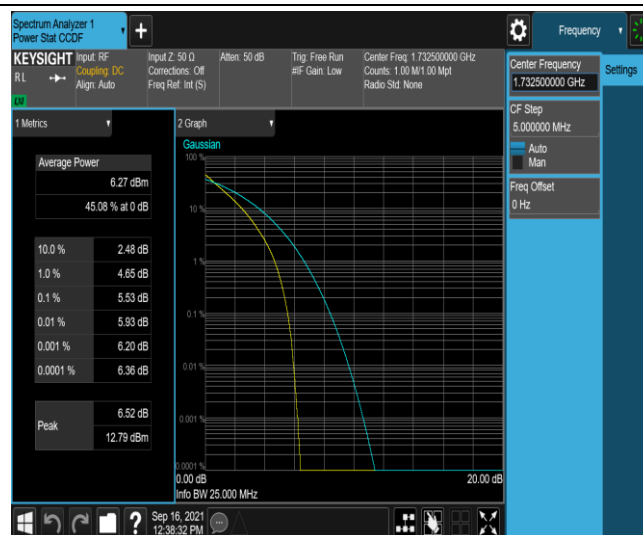
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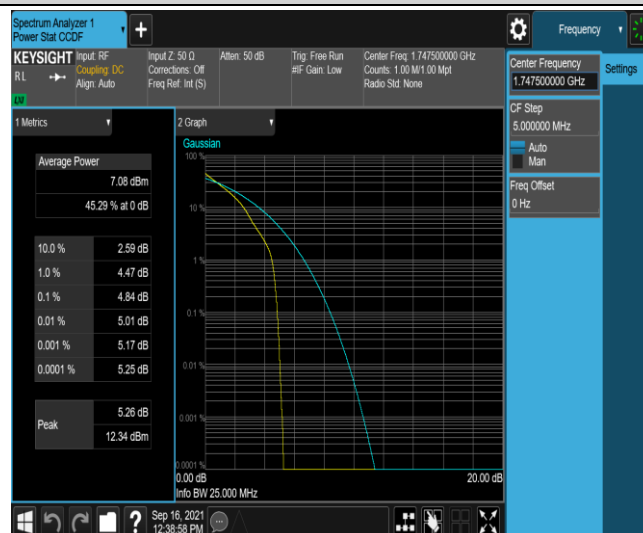
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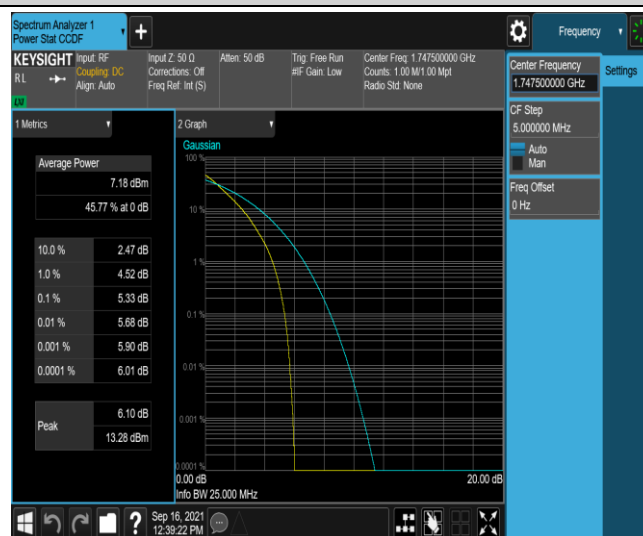
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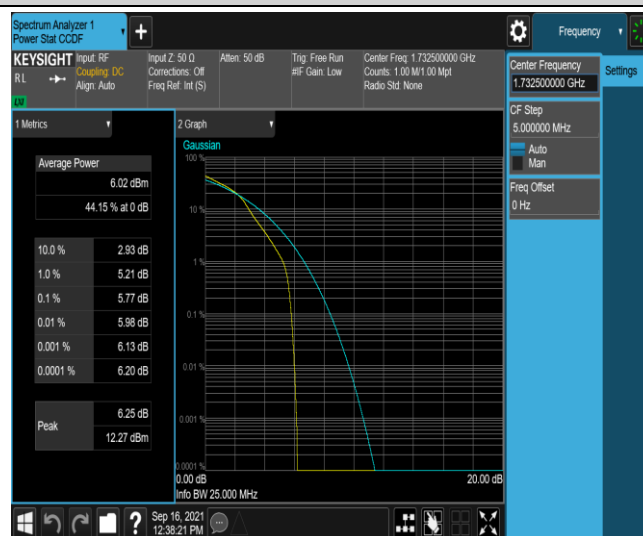
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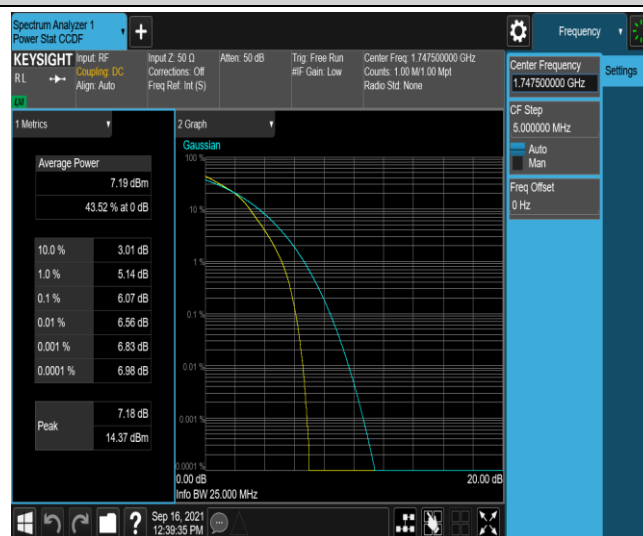
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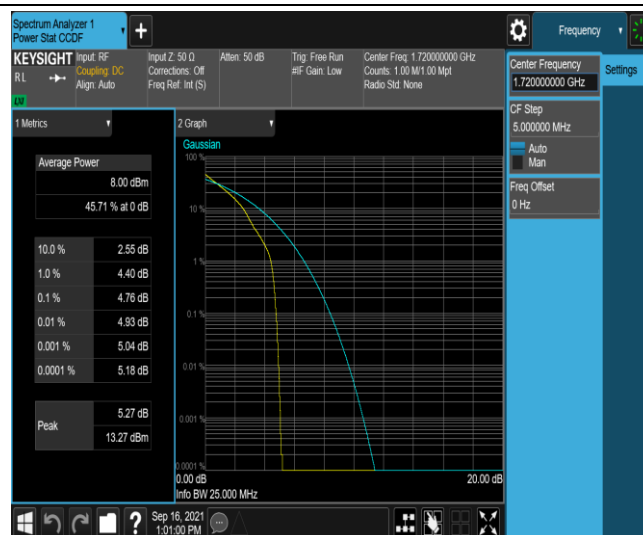
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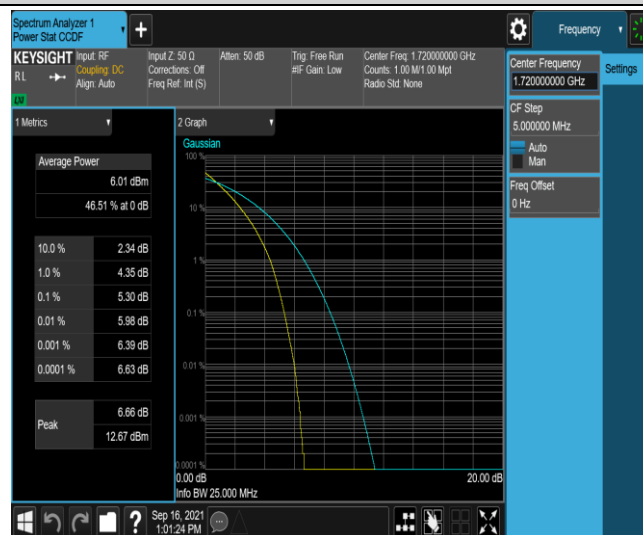
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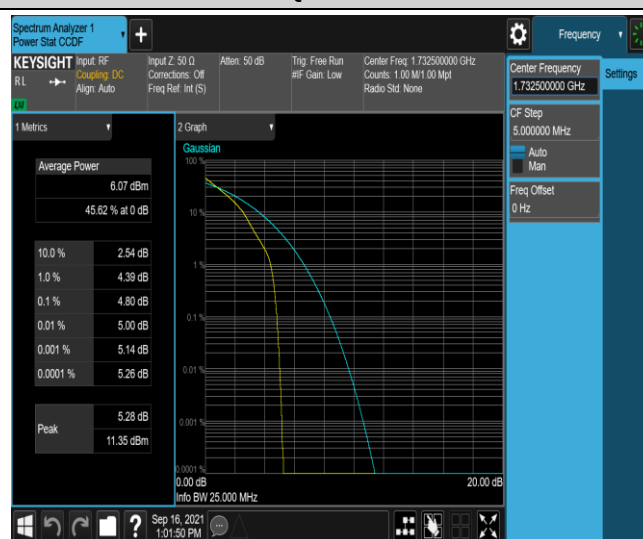
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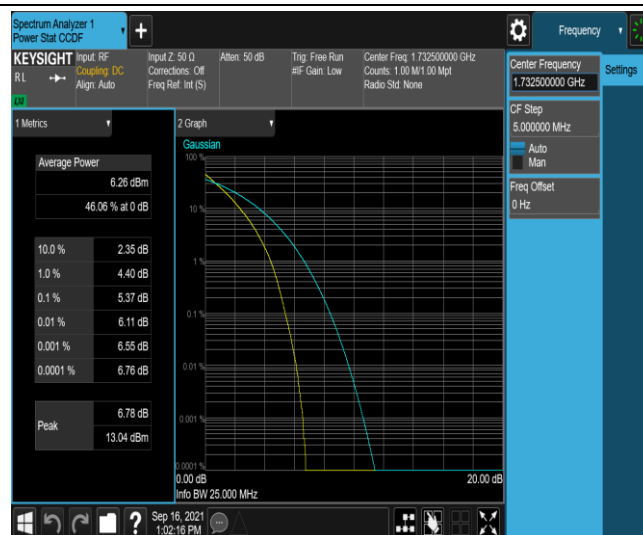
Band4-20MHz-QPSK-20050-1RB#0



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



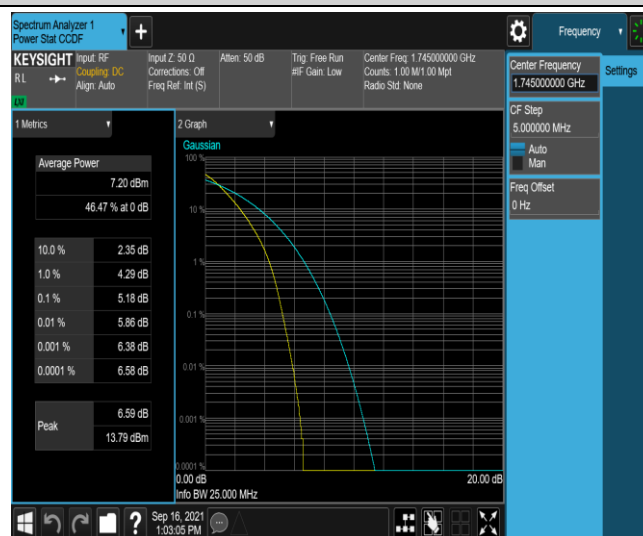
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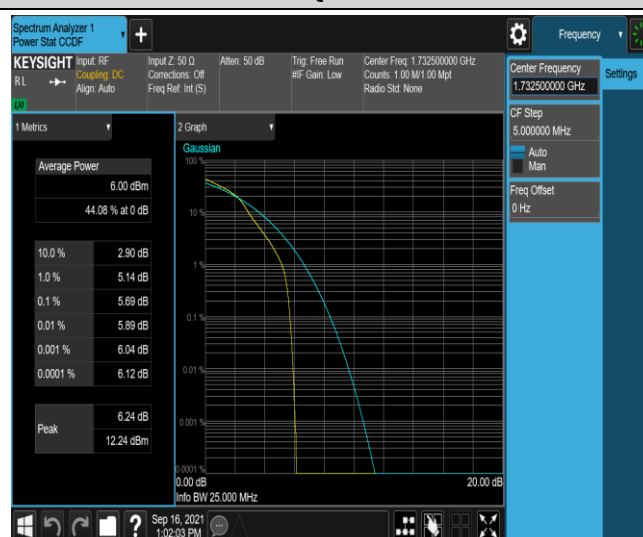
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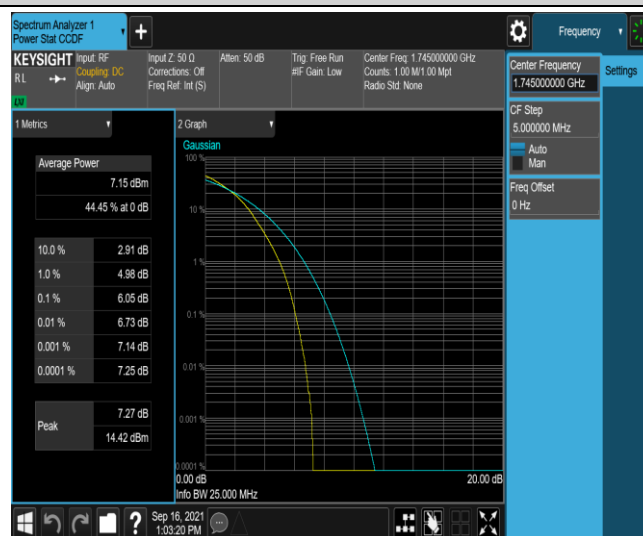
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Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



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

Appendix C: 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	1.0907	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0910	1.264	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0937	1.278	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0899	1.265	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0931	1.257	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0911	1.274	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6982	2.917	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6934	2.916	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6997	2.928	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6964	2.938	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6945	2.901	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6984	2.914	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5004	4.907	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5024	4.850	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5021	4.874	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4979	4.898	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5030	4.896	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5033	4.896	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9692	9.548	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9723	9.547	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9484	9.548	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9545	9.550	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9685	9.539	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9380	9.532	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.433	14.26	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.448	14.25	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.417	14.24	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.443	14.27	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.435	14.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.405	14.24	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.888	18.96	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	18.97	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.878	18.92	PASS

Band4	20MHz	16QAM	20050	100RB#0	17.896	18.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.922	18.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.868	18.93	PASS

Test Graphs

