

Appendix for Band 4

Product Name: Covert Wireless Trail Camera
Model No: WC20

Appendix A: Average Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Result(dBm)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	22.77	PASS
Band4	1.4MHz	19957	QPSK	1	5	22.64	PASS
Band4	1.4MHz	19957	QPSK	6	0	20.74	PASS
Band4	1.4MHz	20175	QPSK	1	0	23.11	PASS
Band4	1.4MHz	20175	QPSK	1	5	22.64	PASS
Band4	1.4MHz	20175	QPSK	6	0	20.65	PASS
Band4	1.4MHz	20393	QPSK	1	0	22.99	PASS
Band4	1.4MHz	20393	QPSK	1	5	22.96	PASS
Band4	1.4MHz	20393	QPSK	6	0	20.93	PASS
Band4	1.4MHz	19957	16QAM	1	0	21.47	PASS
Band4	1.4MHz	19957	16QAM	1	5	21.42	PASS
Band4	1.4MHz	19957	16QAM	6	0	20.62	PASS
Band4	1.4MHz	20175	16QAM	1	0	21.98	PASS
Band4	1.4MHz	20175	16QAM	1	5	21.66	PASS
Band4	1.4MHz	20175	16QAM	6	0	20.75	PASS
Band4	1.4MHz	20393	16QAM	1	0	22.00	PASS
Band4	1.4MHz	20393	16QAM	1	5	21.70	PASS
Band4	1.4MHz	20393	16QAM	6	0	21.04	PASS
Band4	3MHz	19965	QPSK	1	0	22.96	PASS
Band4	3MHz	19965	QPSK	1	5	22.85	PASS
Band4	3MHz	19965	QPSK	6	0	20.93	PASS
Band4	3MHz	20175	QPSK	1	0	22.89	PASS
Band4	3MHz	20175	QPSK	1	5	22.77	PASS
Band4	3MHz	20175	QPSK	6	0	20.83	PASS
Band4	3MHz	20385	QPSK	1	0	23.08	PASS
Band4	3MHz	20385	QPSK	1	5	22.84	PASS
Band4	3MHz	20385	QPSK	6	0	20.84	PASS
Band4	3MHz	19965	16QAM	1	0	21.78	PASS
Band4	3MHz	19965	16QAM	1	5	21.77	PASS
Band4	3MHz	19965	16QAM	6	0	20.93	PASS
Band4	3MHz	20175	16QAM	1	0	21.96	PASS
Band4	3MHz	20175	16QAM	1	5	21.72	PASS
Band4	3MHz	20175	16QAM	6	0	20.83	PASS
Band4	3MHz	20385	16QAM	1	0	22.12	PASS

Band4	3MHz	20385	16QAM	1	5	21.80	PASS
Band4	3MHz	20385	16QAM	6	0	20.97	PASS
Band4	5MHz	19975	QPSK	1	0	22.94	PASS
Band4	5MHz	19975	QPSK	1	5	22.60	PASS
Band4	5MHz	19975	QPSK	6	0	21.78	PASS
Band4	5MHz	20175	QPSK	1	0	23.08	PASS
Band4	5MHz	20175	QPSK	1	5	22.84	PASS
Band4	5MHz	20175	QPSK	6	0	21.84	PASS
Band4	5MHz	20375	QPSK	1	0	23.34	PASS
Band4	5MHz	20375	QPSK	1	5	23.02	PASS
Band4	5MHz	20375	QPSK	6	0	21.73	PASS
Band4	5MHz	19975	16QAM	1	0	22.60	PASS
Band4	5MHz	19975	16QAM	1	5	22.56	PASS
Band4	5MHz	19975	16QAM	6	0	21.78	PASS
Band4	5MHz	20175	16QAM	1	0	23.17	PASS
Band4	5MHz	20175	16QAM	1	5	22.92	PASS
Band4	5MHz	20175	16QAM	6	0	21.72	PASS
Band4	5MHz	20375	16QAM	1	0	22.94	PASS
Band4	5MHz	20375	16QAM	1	5	22.76	PASS
Band4	5MHz	20375	16QAM	6	0	21.82	PASS
Band4	10MHz	20000	QPSK	1	0	22.77	PASS
Band4	10MHz	20000	QPSK	1	5	22.55	PASS
Band4	10MHz	20000	QPSK	6	0	21.75	PASS
Band4	10MHz	20175	QPSK	1	0	22.92	PASS
Band4	10MHz	20175	QPSK	1	5	22.66	PASS
Band4	10MHz	20175	QPSK	6	0	21.88	PASS
Band4	10MHz	20350	QPSK	1	0	23.29	PASS
Band4	10MHz	20350	QPSK	1	5	23.05	PASS
Band4	10MHz	20350	QPSK	6	0	21.74	PASS
Band4	10MHz	20000	16QAM	1	0	22.72	PASS
Band4	10MHz	20000	16QAM	1	5	22.50	PASS
Band4	10MHz	20000	16QAM	6	0	21.75	PASS
Band4	10MHz	20175	16QAM	1	0	23.17	PASS
Band4	10MHz	20175	16QAM	1	5	23.04	PASS
Band4	10MHz	20175	16QAM	6	0	21.71	PASS
Band4	10MHz	20350	16QAM	1	0	22.91	PASS
Band4	10MHz	20350	16QAM	1	5	22.68	PASS
Band4	10MHz	20350	16QAM	6	0	21.87	PASS
Band4	15MHz	20025	QPSK	1	0	22.92	PASS
Band4	15MHz	20025	QPSK	1	5	22.76	PASS
Band4	15MHz	20025	QPSK	6	0	22.67	PASS
Band4	15MHz	20175	QPSK	1	0	23.09	PASS

Band4	15MHz	20175	QPSK	1	5	22.84	PASS
Band4	15MHz	20175	QPSK	6	0	23.01	PASS
Band4	15MHz	20325	QPSK	1	0	23.13	PASS
Band4	15MHz	20325	QPSK	1	5	22.96	PASS
Band4	15MHz	20325	QPSK	6	0	22.72	PASS
Band4	15MHz	20025	16QAM	1	0	22.70	PASS
Band4	15MHz	20025	16QAM	1	5	22.47	PASS
Band4	15MHz	20025	16QAM	6	0	22.77	PASS
Band4	15MHz	20175	16QAM	1	0	23.32	PASS
Band4	15MHz	20175	16QAM	1	5	23.05	PASS
Band4	15MHz	20175	16QAM	6	0	22.81	PASS
Band4	15MHz	20325	16QAM	1	0	22.89	PASS
Band4	15MHz	20325	16QAM	1	5	22.64	PASS
Band4	15MHz	20325	16QAM	6	0	22.77	PASS
Band4	20MHz	20050	QPSK	1	0	22.84	PASS
Band4	20MHz	20050	QPSK	1	5	22.60	PASS
Band4	20MHz	20050	QPSK	6	0	22.75	PASS
Band4	20MHz	20175	QPSK	1	0	23.19	PASS
Band4	20MHz	20175	QPSK	1	5	22.69	PASS
Band4	20MHz	20175	QPSK	6	0	22.99	PASS
Band4	20MHz	20300	QPSK	1	0	23.20	PASS
Band4	20MHz	20300	QPSK	1	5	22.93	PASS
Band4	20MHz	20300	QPSK	6	0	22.61	PASS
Band4	20MHz	20050	16QAM	1	0	22.67	PASS
Band4	20MHz	20050	16QAM	1	5	22.53	PASS
Band4	20MHz	20050	16QAM	6	0	22.87	PASS
Band4	20MHz	20175	16QAM	1	0	22.66	PASS
Band4	20MHz	20175	16QAM	1	5	23.04	PASS
Band4	20MHz	20175	16QAM	6	0	22.81	PASS
Band4	20MHz	20300	16QAM	1	0	22.82	PASS
Band4	20MHz	20300	16QAM	1	5	22.55	PASS
Band4	20MHz	20300	16QAM	6	0	22.75	PASS

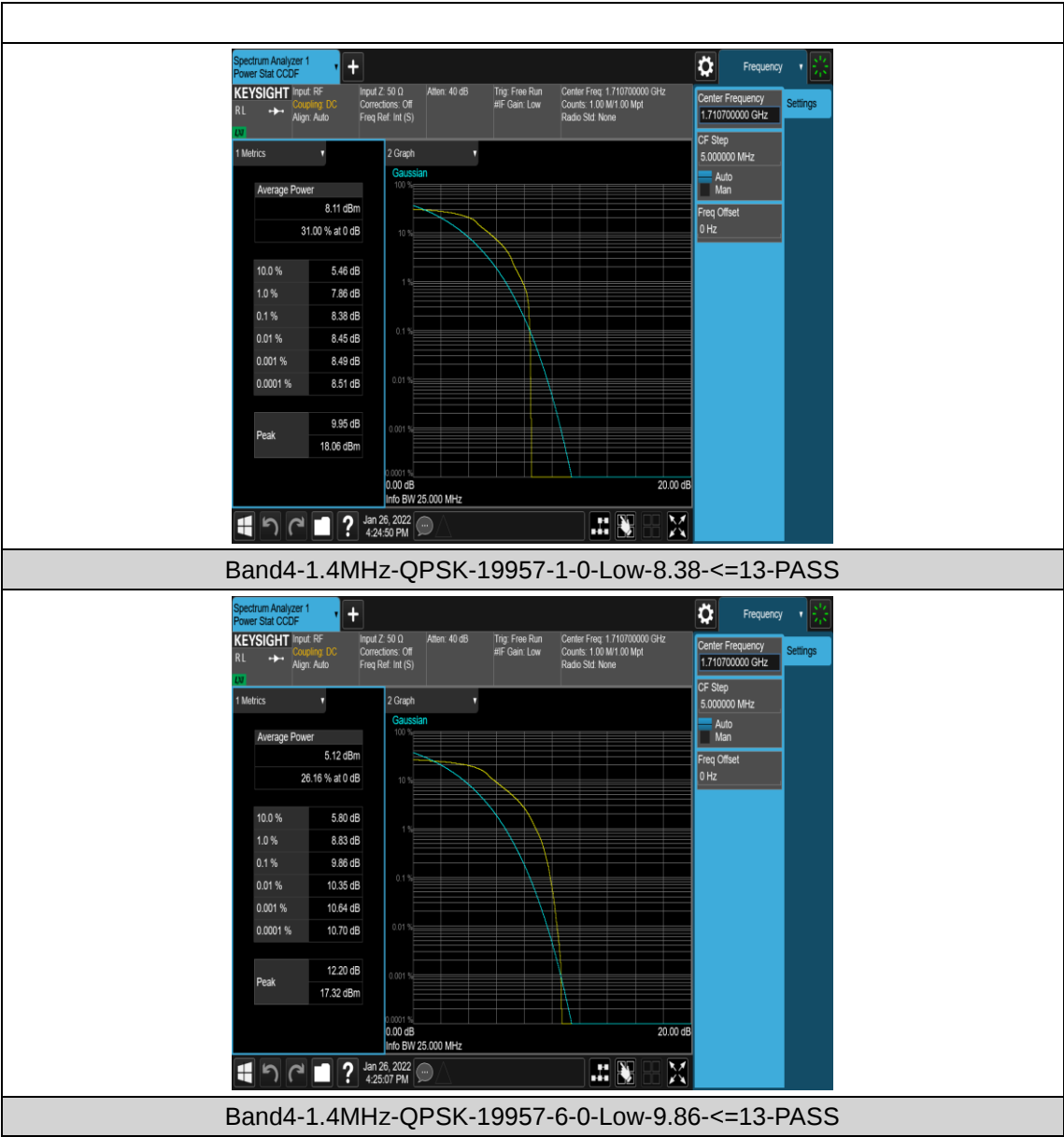
Appendix B: Peak-to-Average Ratio(CCDF) for M1

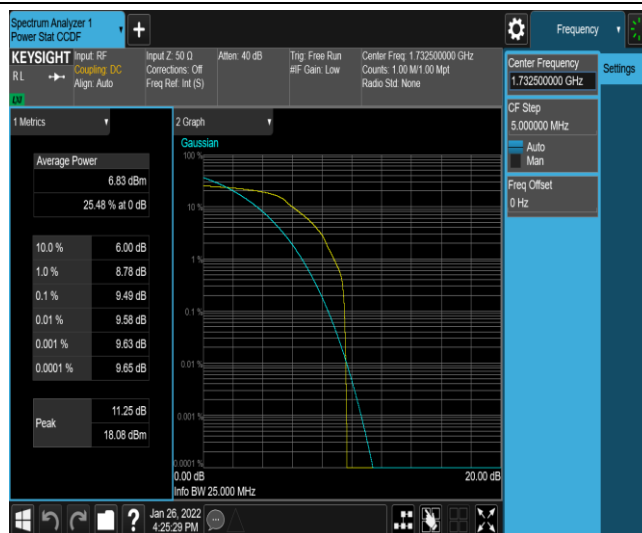
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	8.38	<=13	PASS
Band4	1.4MHz	19957	QPSK	6	0	9.86	<=13	PASS
Band4	1.4MHz	20175	QPSK	1	0	9.49	<=13	PASS
Band4	1.4MHz	20175	QPSK	6	0	9.83	<=13	PASS
Band4	1.4MHz	20393	QPSK	1	0	8.83	<=13	PASS
Band4	1.4MHz	20393	QPSK	6	0	10.57	<=13	PASS
Band4	1.4MHz	19957	16QAM	1	0	8.53	<=13	PASS
Band4	1.4MHz	19957	16QAM	6	0	10.31	<=13	PASS
Band4	1.4MHz	20175	16QAM	1	0	10.84	<=13	PASS
Band4	1.4MHz	20175	16QAM	6	0	9.94	<=13	PASS
Band4	1.4MHz	20393	16QAM	1	0	10.38	<=13	PASS
Band4	1.4MHz	20393	16QAM	6	0	9.47	<=13	PASS
Band4	3MHz	19965	QPSK	1	0	8.86	<=13	PASS
Band4	3MHz	19965	QPSK	6	0	11.03	<=13	PASS
Band4	3MHz	20175	QPSK	1	0	8.93	<=13	PASS
Band4	3MHz	20175	QPSK	6	0	7.88	<=13	PASS
Band4	3MHz	20385	QPSK	1	0	10.74	<=13	PASS
Band4	3MHz	20385	QPSK	6	0	10.71	<=13	PASS
Band4	3MHz	19965	16QAM	1	0	9.71	<=13	PASS
Band4	3MHz	19965	16QAM	6	0	10.21	<=13	PASS
Band4	3MHz	20175	16QAM	1	0	8.43	<=13	PASS
Band4	3MHz	20175	16QAM	6	0	10.83	<=13	PASS
Band4	3MHz	20385	16QAM	1	0	10.98	<=13	PASS
Band4	3MHz	20385	16QAM	6	0	10.33	<=13	PASS
Band4	5MHz	19975	QPSK	1	0	9.95	<=13	PASS
Band4	5MHz	19975	QPSK	6	0	8.49	<=13	PASS
Band4	5MHz	20175	QPSK	1	0	9.65	<=13	PASS
Band4	5MHz	20175	QPSK	6	0	11.52	<=13	PASS
Band4	5MHz	20375	QPSK	1	0	11.08	<=13	PASS
Band4	5MHz	20375	QPSK	6	0	9.17	<=13	PASS
Band4	5MHz	19975	16QAM	1	0	8.61	<=13	PASS
Band4	5MHz	19975	16QAM	6	0	9.57	<=13	PASS
Band4	5MHz	20175	16QAM	1	0	10.71	<=13	PASS
Band4	5MHz	20175	16QAM	6	0	8.35	<=13	PASS
Band4	5MHz	20375	16QAM	1	0	9.81	<=13	PASS

Band4	5MHz	20375	16QAM	6	0	10.40	<=13	PASS
Band4	10MHz	20000	QPSK	1	0	10.60	<=13	PASS
Band4	10MHz	20000	QPSK	6	0	8.63	<=13	PASS
Band4	10MHz	20175	QPSK	1	0	11.49	<=13	PASS
Band4	10MHz	20175	QPSK	6	0	9.09	<=13	PASS
Band4	10MHz	20350	QPSK	1	0	9.59	<=13	PASS
Band4	10MHz	20350	QPSK	6	0	9.99	<=13	PASS
Band4	10MHz	20000	16QAM	1	0	8.75	<=13	PASS
Band4	10MHz	20000	16QAM	6	0	11.98	<=13	PASS
Band4	10MHz	20175	16QAM	1	0	9.70	<=13	PASS
Band4	10MHz	20175	16QAM	6	0	10.15	<=13	PASS
Band4	10MHz	20350	16QAM	1	0	10.78	<=13	PASS
Band4	10MHz	20350	16QAM	6	0	10.20	<=13	PASS
Band4	15MHz	20025	QPSK	1	0	8.46	<=13	PASS
Band4	15MHz	20025	QPSK	6	0	9.11	<=13	PASS
Band4	15MHz	20175	QPSK	1	0	9.07	<=13	PASS
Band4	15MHz	20175	QPSK	6	0	9.44	<=13	PASS
Band4	15MHz	20325	QPSK	1	0	9.59	<=13	PASS
Band4	15MHz	20325	QPSK	6	0	8.78	<=13	PASS
Band4	15MHz	20025	16QAM	1	0	9.05	<=13	PASS
Band4	15MHz	20025	16QAM	6	0	8.74	<=13	PASS
Band4	15MHz	20175	16QAM	1	0	8.17	<=13	PASS
Band4	15MHz	20175	16QAM	6	0	10.16	<=13	PASS
Band4	15MHz	20325	16QAM	1	0	10.70	<=13	PASS
Band4	15MHz	20325	16QAM	6	0	7.96	<=13	PASS
Band4	20MHz	20050	QPSK	1	0	9.66	<=13	PASS
Band4	20MHz	20050	QPSK	6	0	10.93	<=13	PASS
Band4	20MHz	20175	QPSK	1	0	11.70	<=13	PASS
Band4	20MHz	20175	QPSK	6	0	8.92	<=13	PASS
Band4	20MHz	20300	QPSK	1	0	9.34	<=13	PASS
Band4	20MHz	20300	QPSK	6	0	9.88	<=13	PASS
Band4	20MHz	20050	16QAM	1	0	10.57	<=13	PASS
Band4	20MHz	20050	16QAM	6	0	10.90	<=13	PASS
Band4	20MHz	20175	16QAM	1	0	9.47	<=13	PASS
Band4	20MHz	20175	16QAM	6	0	9.44	<=13	PASS
Band4	20MHz	20300	16QAM	1	0	8.86	<=13	PASS
Band4	20MHz	20300	16QAM	6	0	8.79	<=13	PASS

Test Graphs

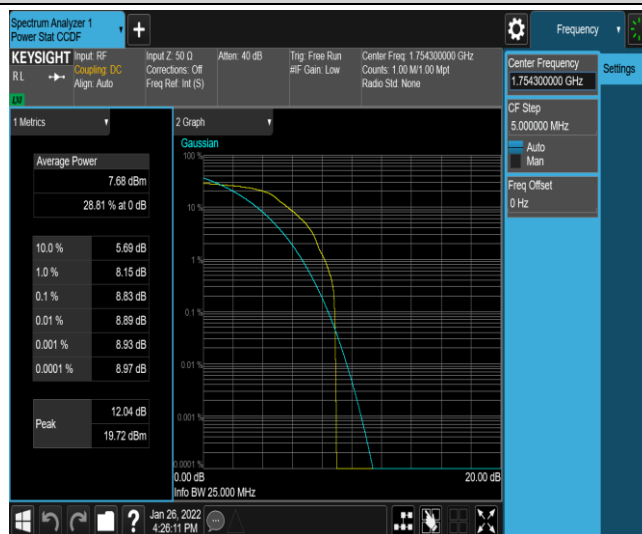




Band4-1.4MHz-QPSK-20175-1-0-Low-9.49-<=13-PASS



Band4-1.4MHz-QPSK-20175-6-0-Low-9.83-<=13-PASS



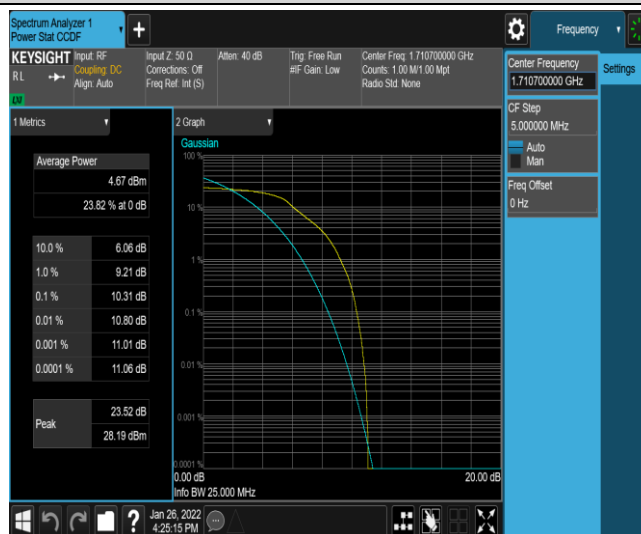
Band4-1.4MHz-QPSK-20393-1-0-High-8.83-<=13-PASS



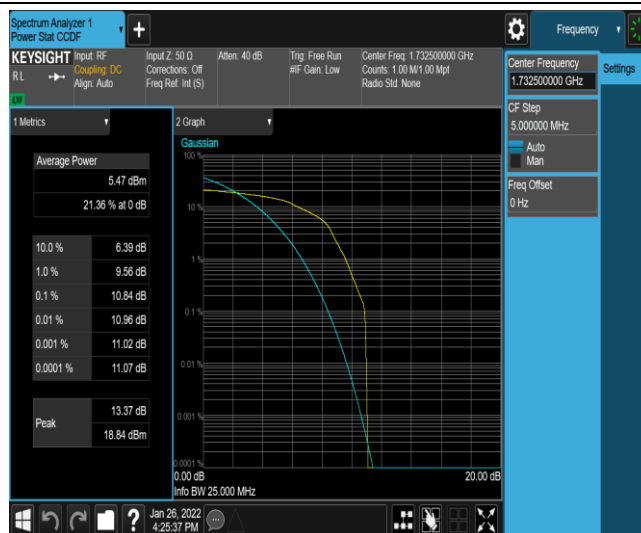
Band4-1.4MHz-QPSK-20393-6-0-High-10.57-<=13-PASS



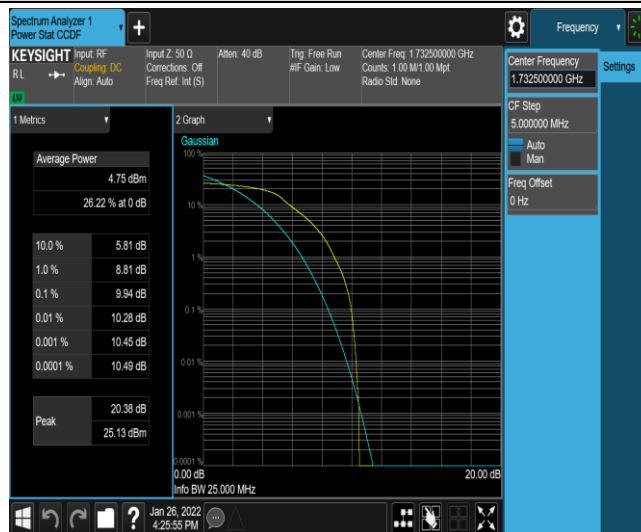
Band4-1.4MHz-16QAM-19957-1-0-Low-8.53-<=13-PASS



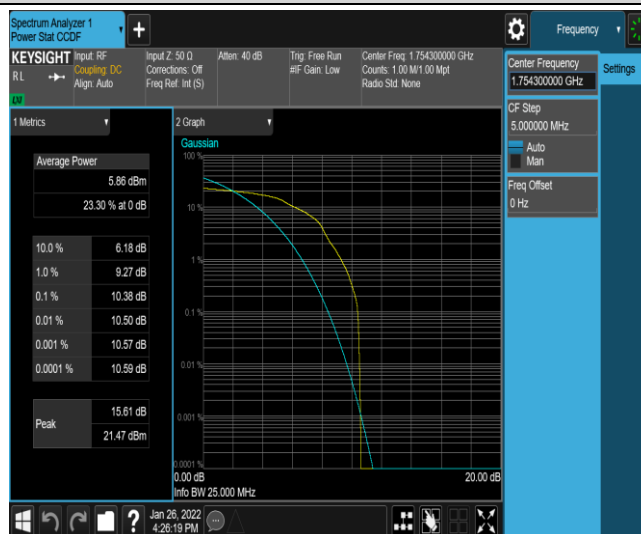
Band4-1.4MHz-16QAM-19957-6-0-Low-10.31-<=13-PASS



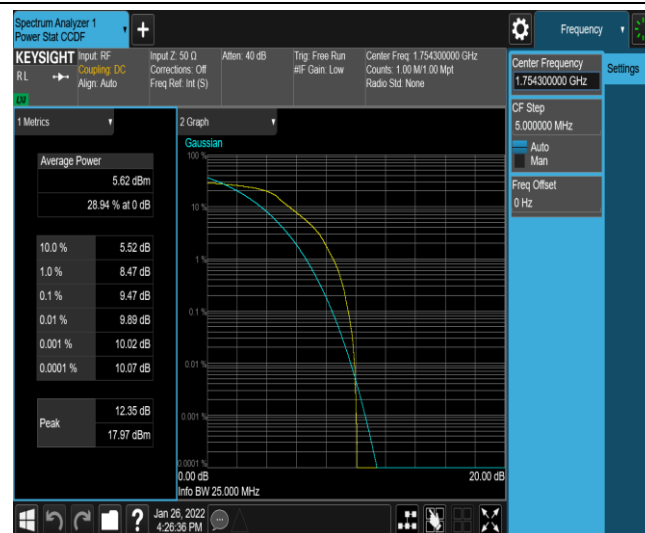
Band4-1.4MHz-16QAM-20175-1-0-Low-10.84-<=13-PASS



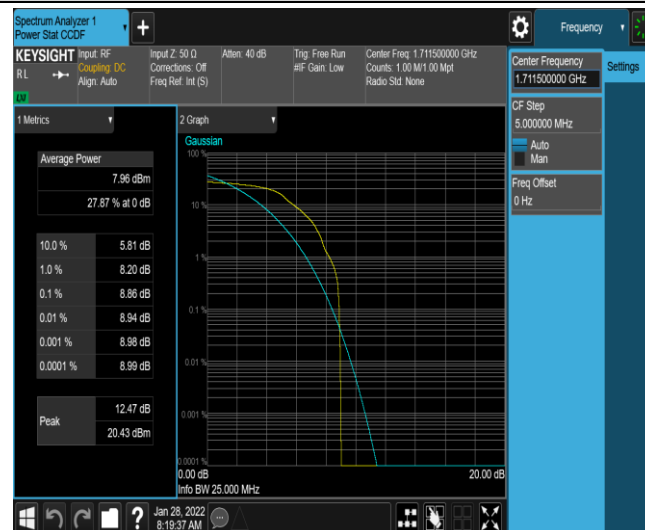
Band4-1.4MHz-16QAM-20175-6-0-Low-9.94-<=13-PASS



Band4-1.4MHz-16QAM-20393-1-0-High-10.38-<=13-PASS



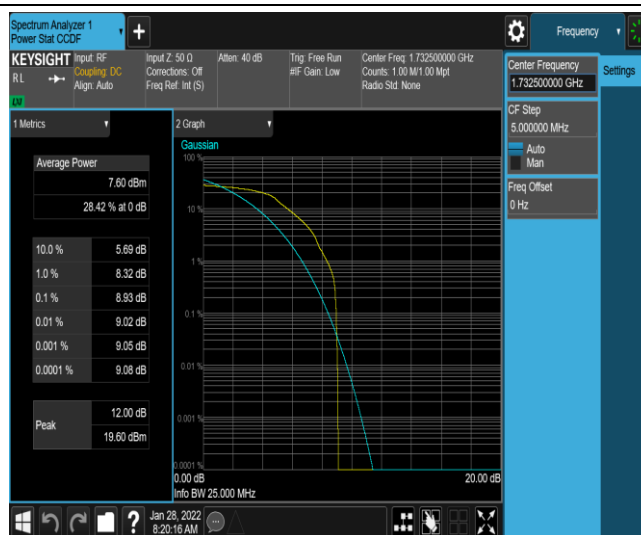
Band4-1.4MHz-16QAM-20393-6-0-High-9.47-<=13-PASS



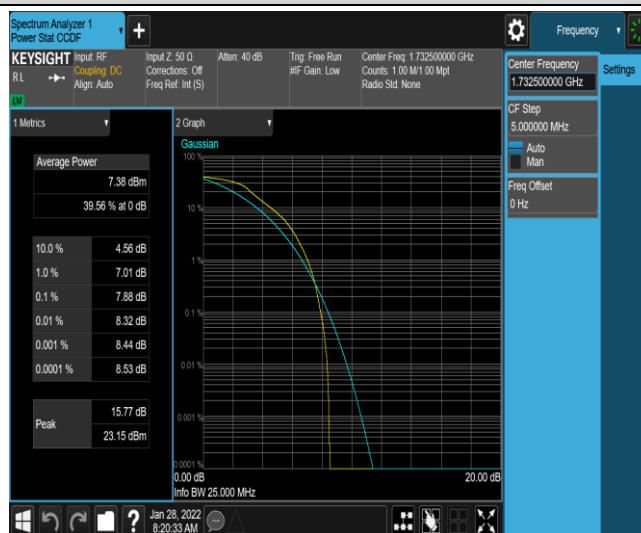
Band4-3MHz-QPSK-19965-1-0-Low-8.86-<=13-PASS



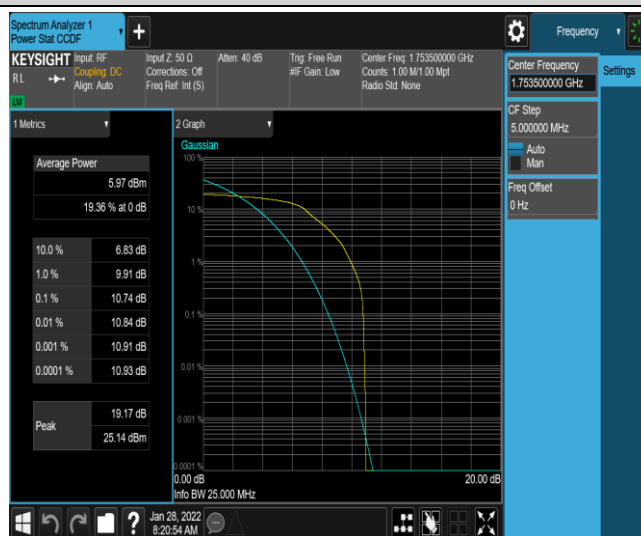
Band4-3MHz-QPSK-19965-6-0-Low-11.03-<=13-PASS



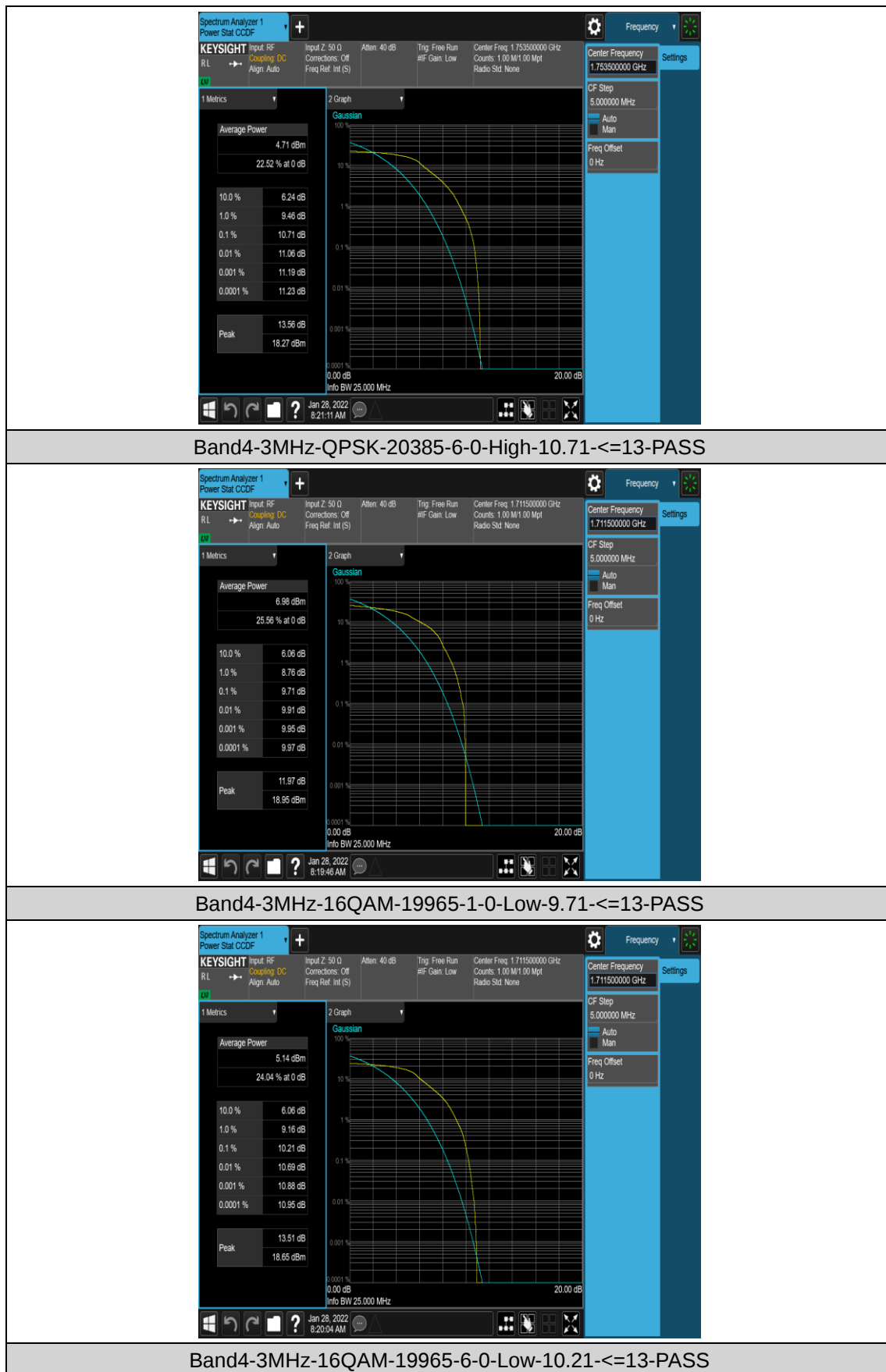
Band4-3MHz-QPSK-20175-1-0-Low-8.93-<=13-PASS

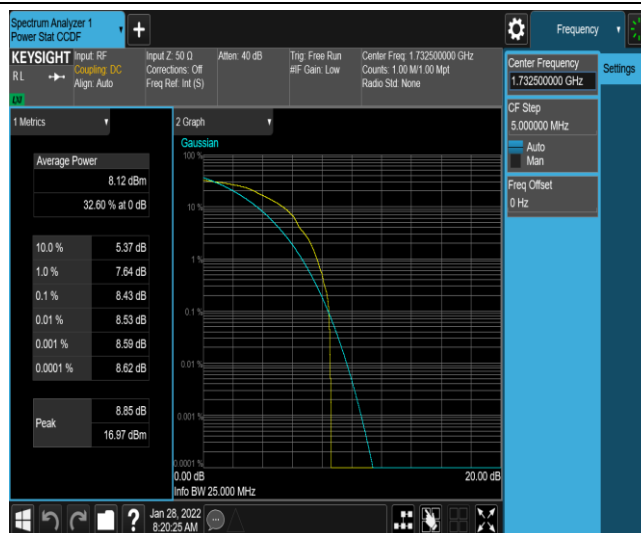


Band4-3MHz-QPSK-20175-6-0-Low-7.88-<=13-PASS



Band4-3MHz-QPSK-20385-1-0-High-10.74-<=13-PASS

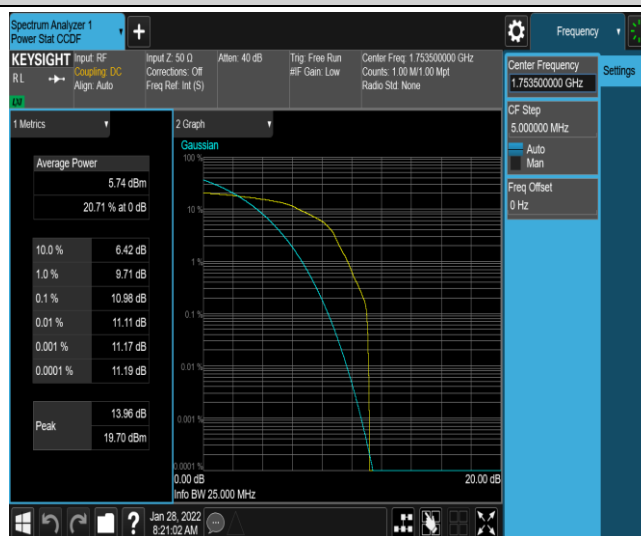




Band4-3MHz-16QAM-20175-1-0-Low-8.43-<=13-PASS



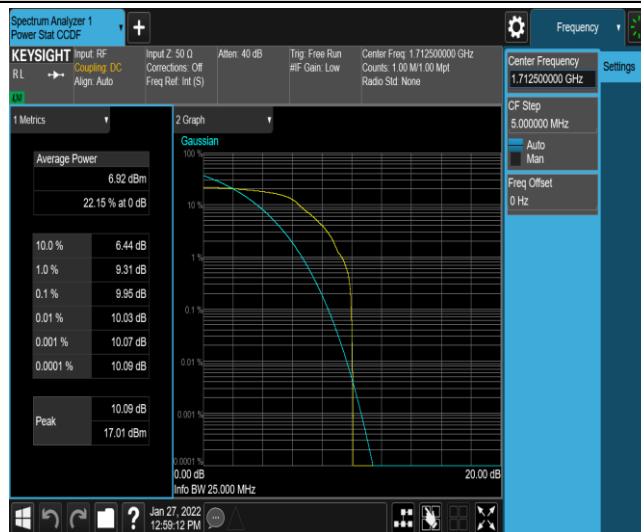
Band4-3MHz-16QAM-20175-6-0-Low-10.83-<=13-PASS



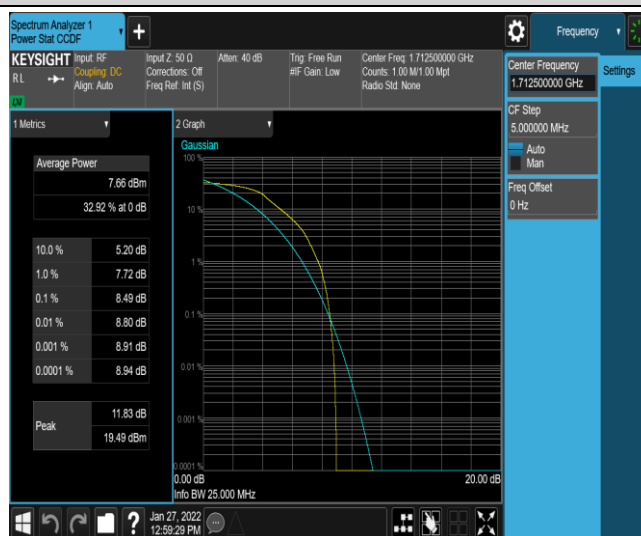
Band4-3MHz-16QAM-20385-1-0-High-10.98-<=13-PASS



Band4-3MHz-16QAM-20385-6-0-High-10.33-<=13-PASS



Band4-5MHz-QPSK-19975-1-0-Low-9.95-<=13-PASS



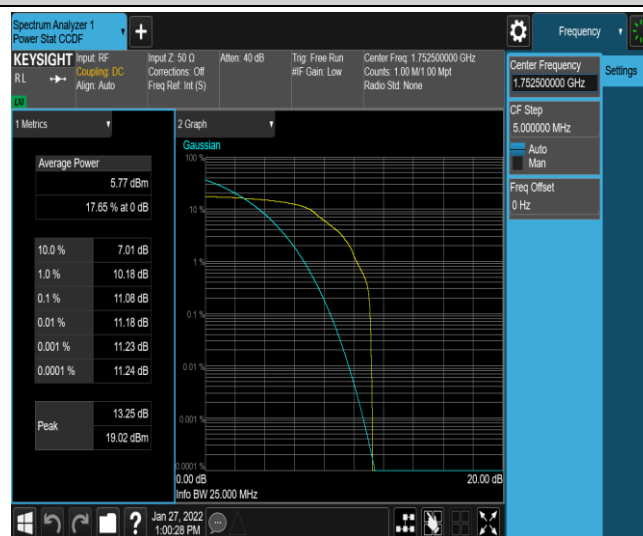
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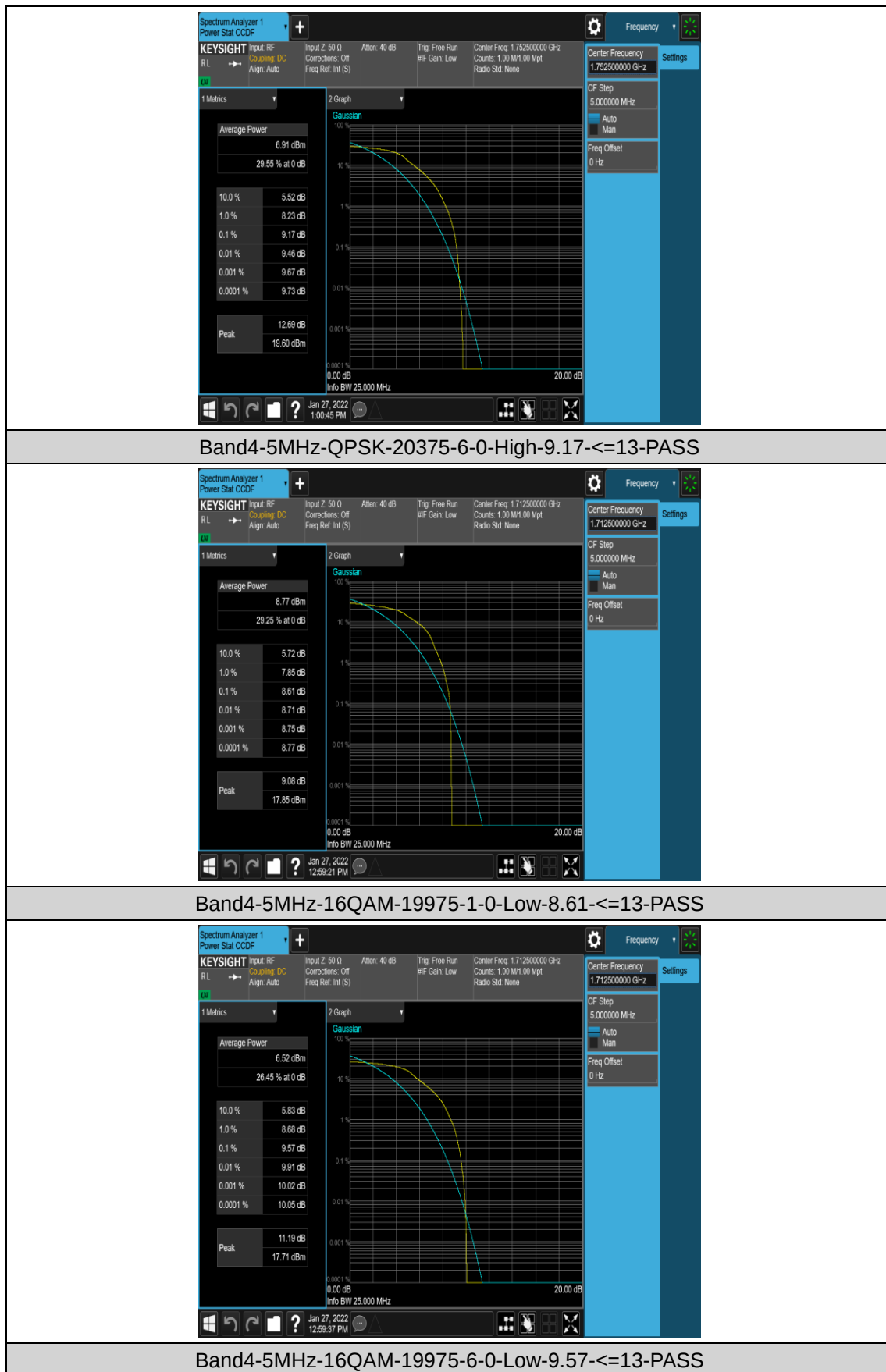
Band4-5MHz-QPSK-20175-1-0-Low-9.65-<=13-PASS



Band4-5MHz-QPSK-20175-6-0-Low-11.52-<=13-PASS

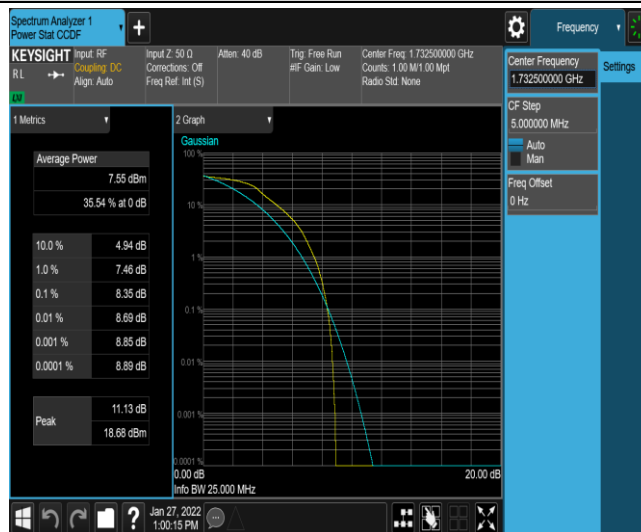


Band4-5MHz-QPSK-20375-1-0-High-11.08-<=13-PASS

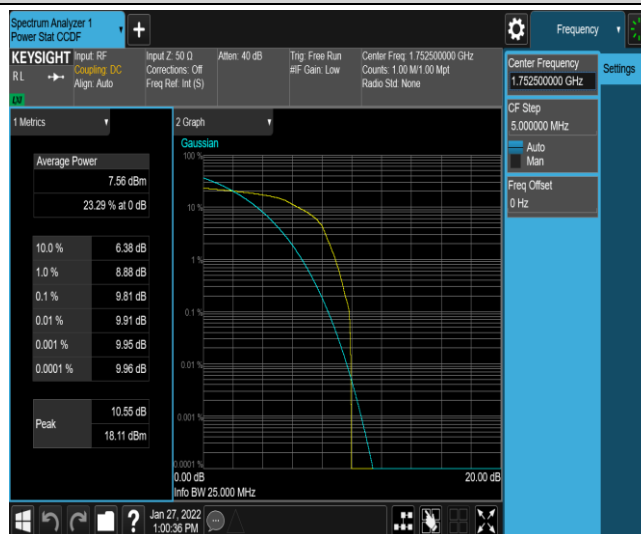




Band4-5MHz-16QAM-20175-1-0-Low-10.71-<=13-PASS



Band4-5MHz-16QAM-20175-6-0-Low-8.35-<=13-PASS



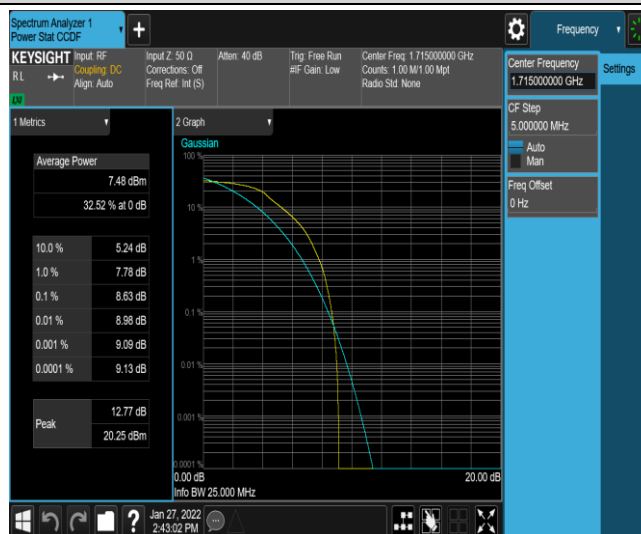
Band4-5MHz-16QAM-20375-1-0-High-9.81-<=13-PASS



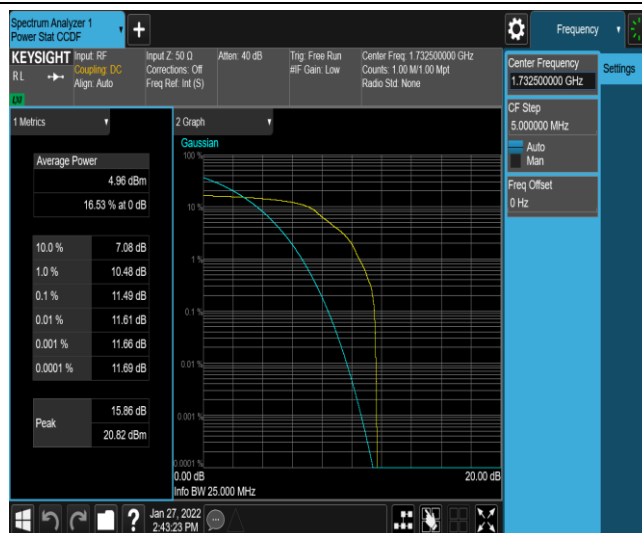
Band4-5MHz-16QAM-20375-6-0-High-10.40-<=13-PASS



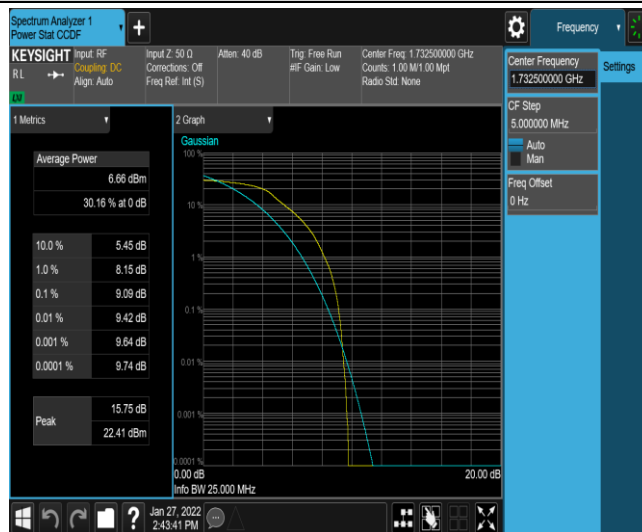
Band4-10MHz-QPSK-20000-1-0-Low-10.60-<=13-PASS



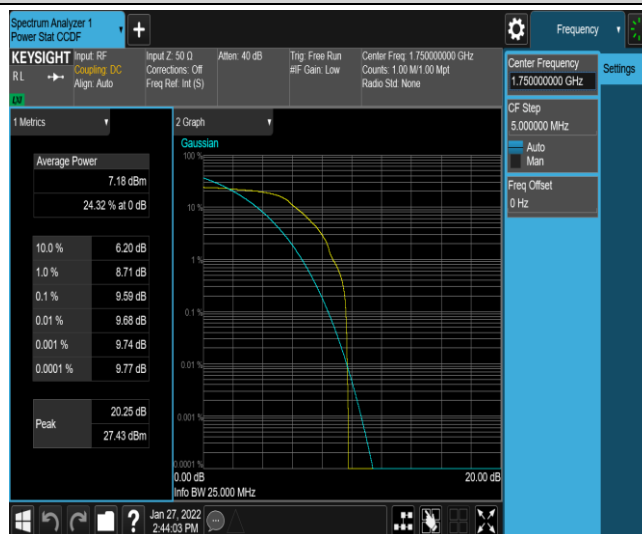
Band4-10MHz-QPSK-20000-6-0-Low-8.63-<=13-PASS



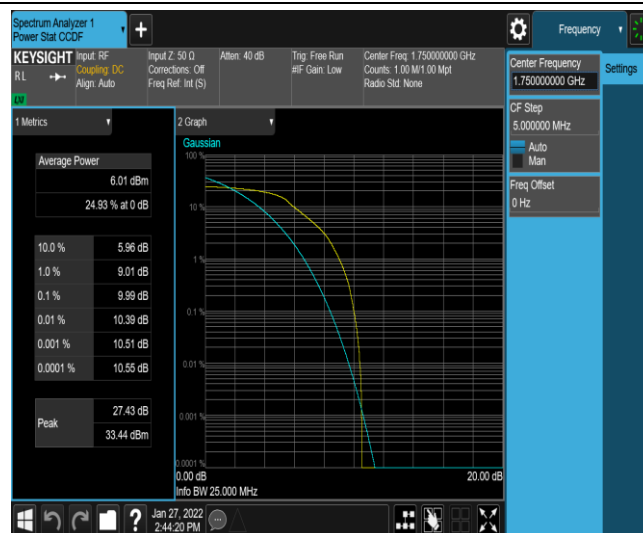
Band4-10MHz-QPSK-20175-1-0-Low-11.49-<=13-PASS



Band4-10MHz-OPSK-20175-6-0-Low-9.09-<=13-PASS



Band4-10MHz-QPSK-20350-1-0-High-9.59-<=13-PASS



Band4-10MHz-QPSK-20350-6-0-High-9.99-<=13-PASS



Band4-10MHz-16QAM-20000-1-0-Low-8.75-<=13-PASS



Band4-10MHz-16QAM-20000-6-0-Low-11.98-<=13-PASS



Band4-10MHz-16QAM-20175-1-0-Low-9.70-<=13-PASS



Band4-10MHz-16QAM-20175-6-0-Low-10.15-<=13-PASS



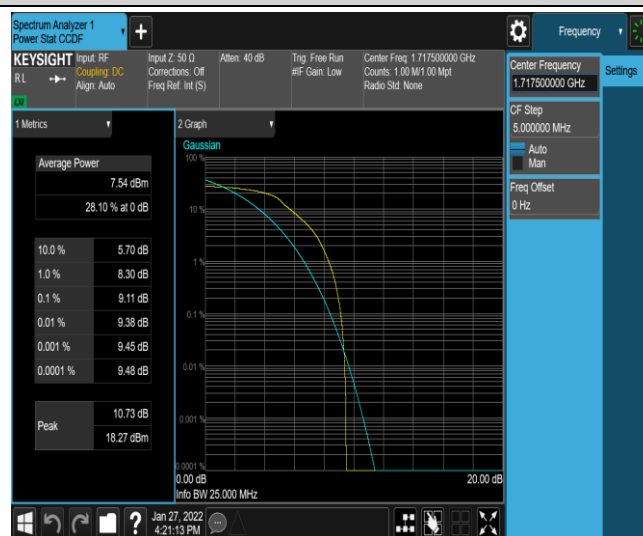
Band4-10MHz-16QAM-20350-1-0-High-10.78-<=13-PASS



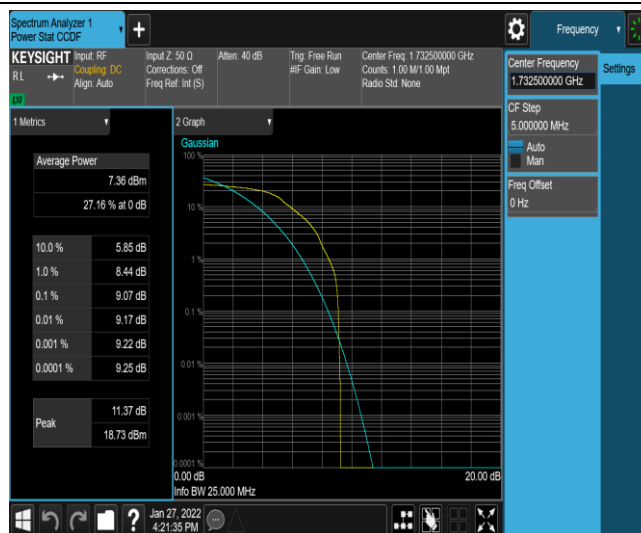
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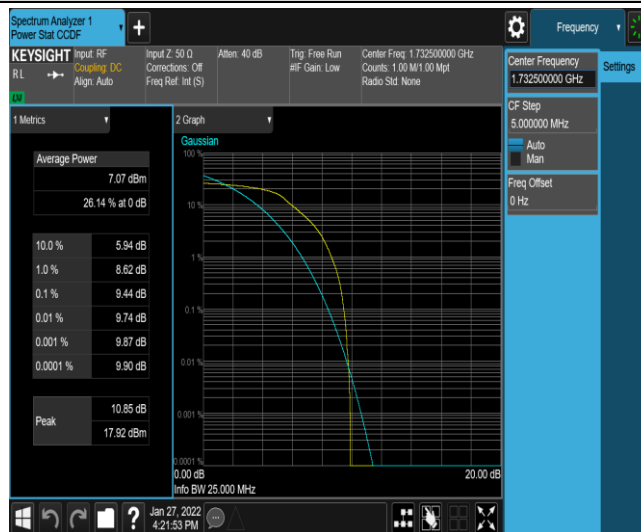
Band4-15MHz-QPSK-20025-1-0-Low-8.46-<=13-PASS



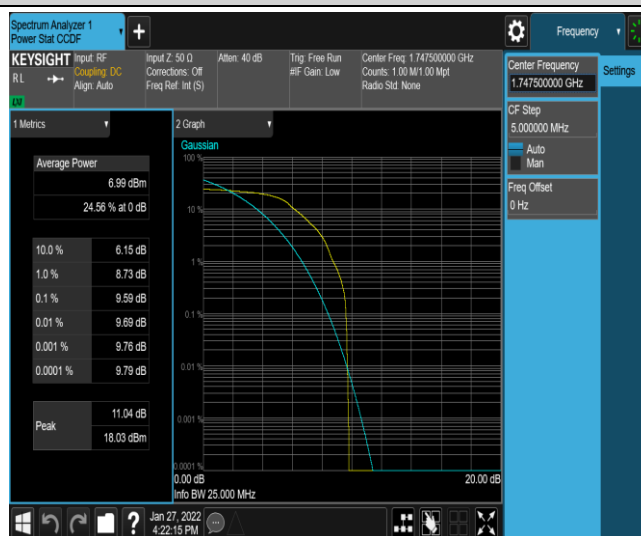
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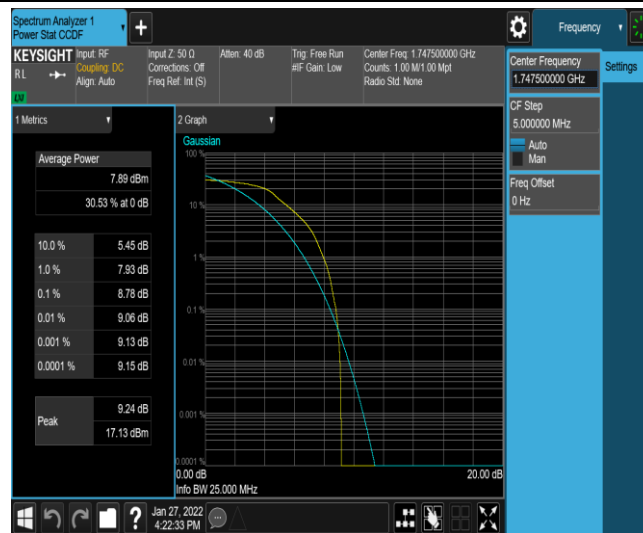
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Band4-15MHz-QPSK-20175-6-0-Low-9.44-<=13-PASS



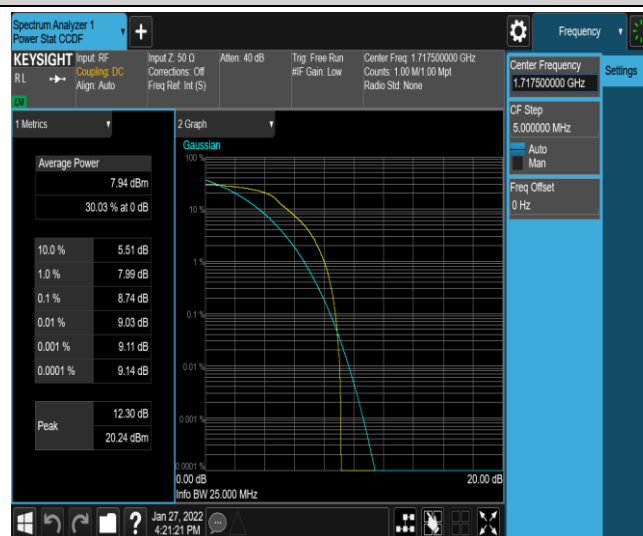
Band4-15MHz-QPSK-20325-1-0-High-9.59-<=13-PASS



Band4-15MHz-QPSK-20325-6-0-High-8.78-<=13-PASS



Band4-15MHz-16QAM-20025-1-0-Low-9.05-<=13-PASS



Band4-15MHz-16QAM-20025-6-0-Low-8.74-<=13-PASS

