Appendix Test Data

Report No.:	18220WC20000401	Test Sample No.:	1-2-2
Start Test Date:	2022.1.5	Finish Test Date:	2022.1.18
Test Engineer:	Tony.He	Auditor:	Edward.Pan
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.19	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.24	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.52	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.30	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.94	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.00	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.81	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.74	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.84	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.72	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.66	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.81	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.65	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.72	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	22.51	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.82	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.24	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.05	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.45	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.42	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.15	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.00	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.67	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.75	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.65	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.61	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.85	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.59	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.63	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.67	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.70	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.66	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.23	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.50	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.61	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.41	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.39	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.68	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.61	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.89	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.84	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.40	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.84	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.81	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.83	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.17	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.63	PASS

Band12	3MHz	QPSK	23165	1RB#14	22.64	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.07	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.02	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.81	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.93	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.10	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.62	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.46	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.37	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.41	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.94	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.30	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.75	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.67	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.74	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.99	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.73	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.78	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.65	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.00	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.42	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.87	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.10	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.99	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.79	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.86	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.10	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.75	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.05	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.53	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.60	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.88	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.65	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.69	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.85	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.67	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.91	PASS

Band12	5MHz	QPSK	23095	12RB#6	22.91	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.72	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.10	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.86	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.83	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.18	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.25	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.61	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.89	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.43	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.57	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.68	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.58	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.00	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.83	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.46	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.50	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.45	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.02	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.75	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.55	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.89	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.75	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.68	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.25	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.28	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.74	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.03	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.27	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.09	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.78	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.72	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.84	PASS

Band12	10MHz	QPSK	23060	50RB#0	22.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.81	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.10	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.49	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.90	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.97	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.51	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.81	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.78	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.53	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.62	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.58	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.69	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.27	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.73	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.80	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.82	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.85	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.84	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.91	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.36	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.51	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.81	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.84	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.55	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.82	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.53	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.97	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.60	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.68	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.07	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.39	PASS

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

Test Result

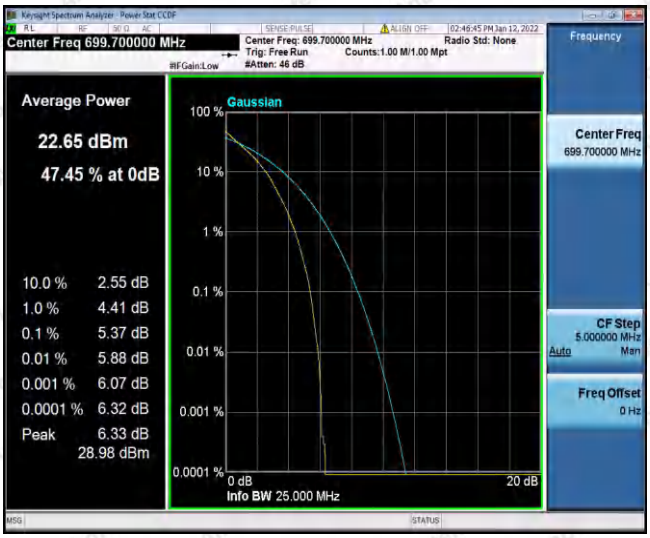
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.70	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.37	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.63	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.14	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.44	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.76	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.19	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.56	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.03	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.32	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.59	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.71	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.55	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.46	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.19	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.90	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.11	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.66	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.35	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.23	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.08	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.87	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.03	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.04	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.72	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.30	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.00	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.41	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.65	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.26	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.45	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.06	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.59	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.21	13	PASS

Band12	10MHz	QPSK	23060	1RB#0	4.91	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.44	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.93	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.32	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.56	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.37	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.74	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.18	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.65	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.14	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.13	13	PASS

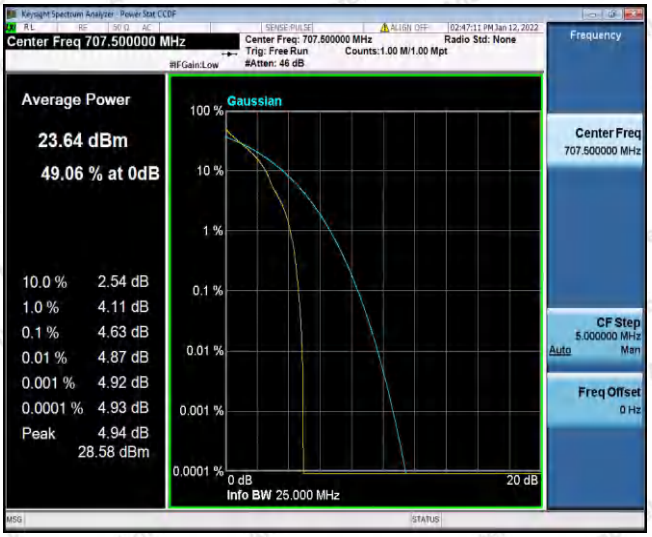
Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

Band12-1.4MHz-QPSK-23017-6RB#0

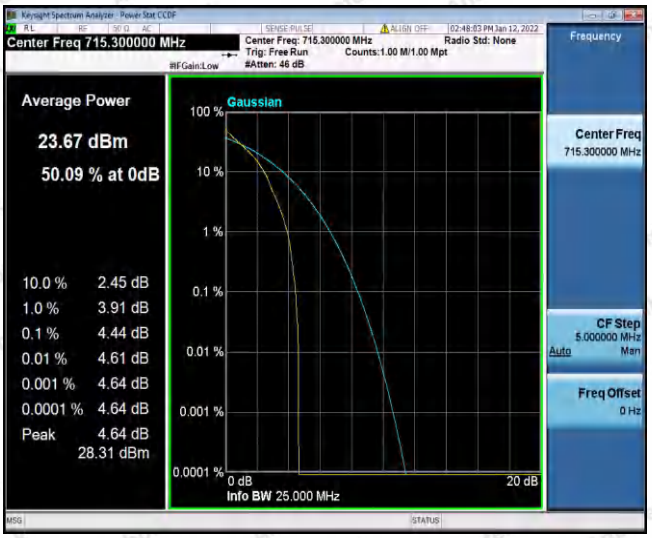


Band12-1.4MHz-QPSK-23095-1RB#0



Band12-1.4MHz-QPSK-23095-6RB#0

Band12-1.4MHz-QPSK-23173-1RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

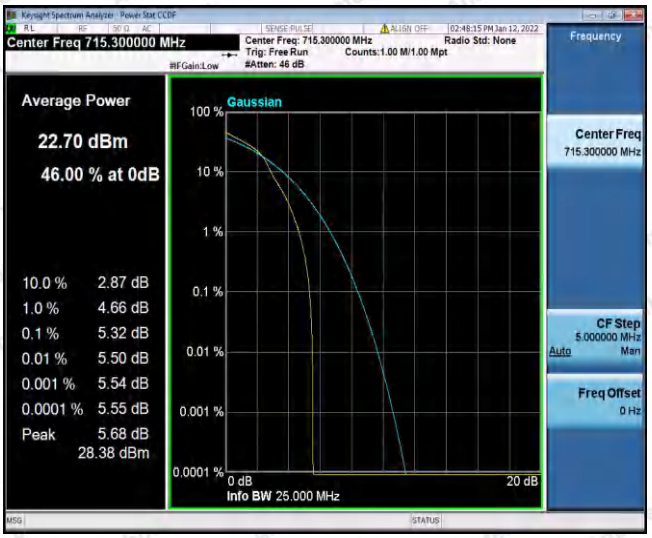
Band12-1.4MHz-16QAM-23017-1RB#0

Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23095-1RB#0

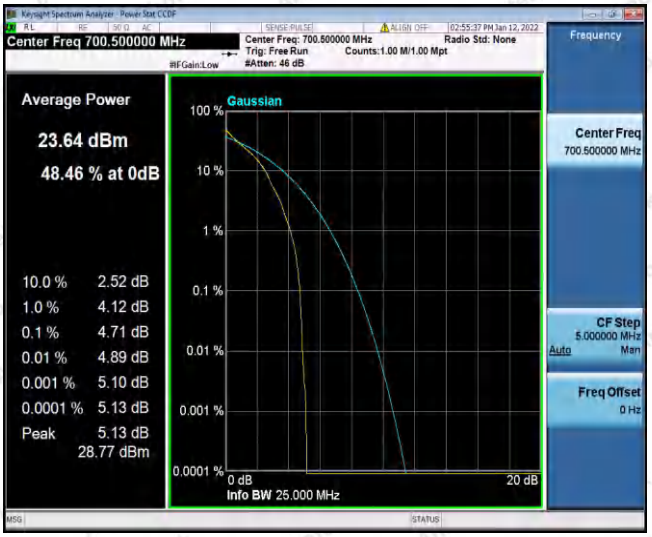
Band12-1.4MHz-16QAM-23095-6RB#0

Band12-1.4MHz-16QAM-23173-1RB#0

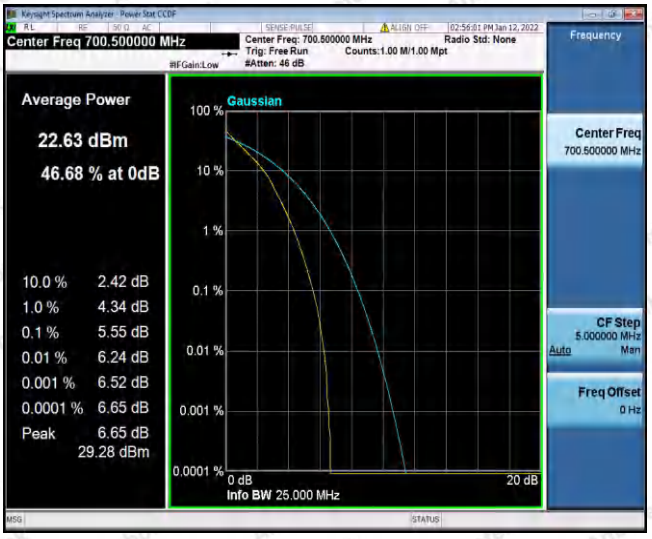


Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-1RB#0

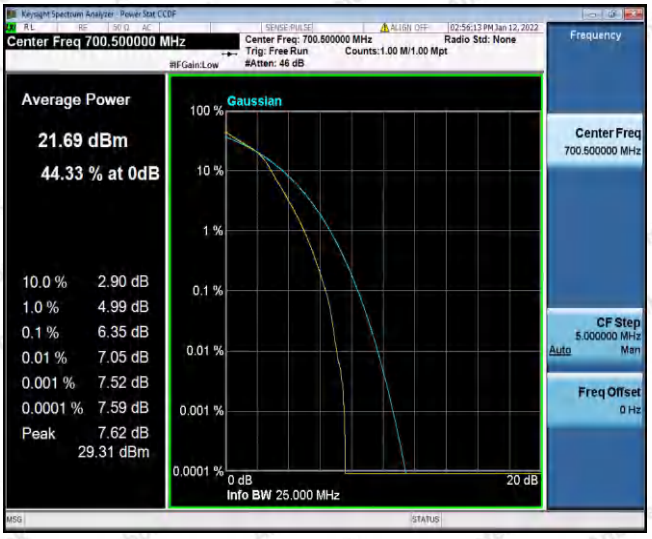
Band12-3MHz-QPSK-23095-15RB#0

Band12-3MHz-QPSK-23165-1RB#0

Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-1RB#0

Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-1RB#0

Band12-3MHz-16QAM-23095-15RB#0

Band12-3MHz-16QAM-23165-1RB#0

Band12-3MHz-16QAM-23165-15RB#0

Band12-5MHz-QPSK-23035-1RB#0

Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23095-1RB#0

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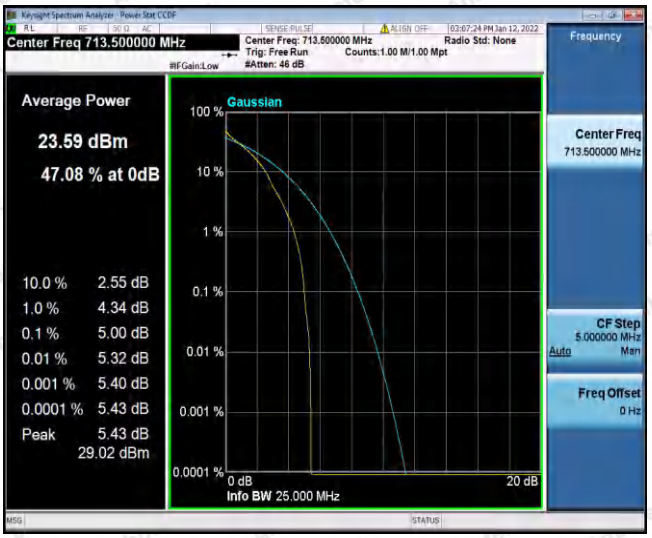
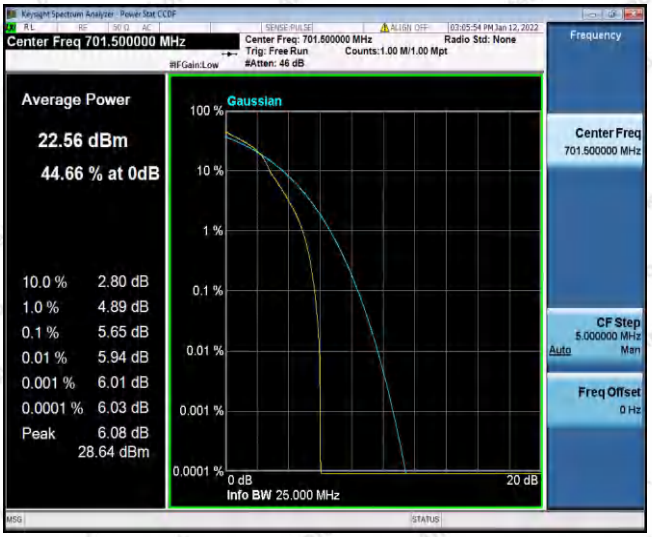
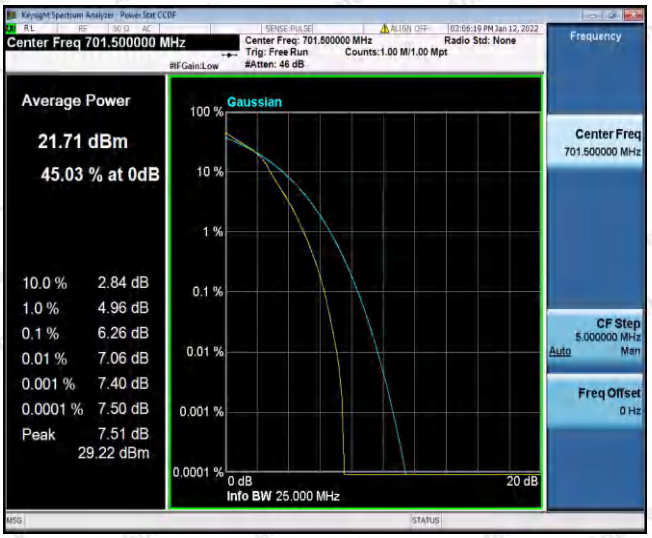


Band12-5MHz-QPSK-23155-25RB#0

Band12-5MHz-16QAM-23035-1RB#0



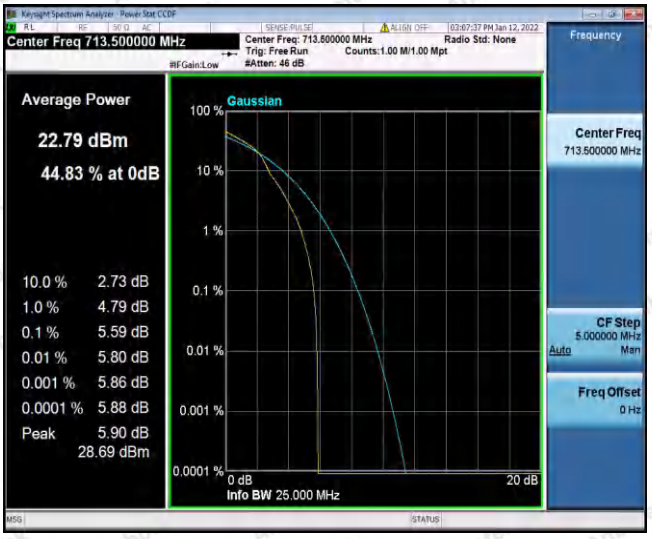
Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-1RB#0

Band12-5MHz-16QAM-23095-25RB#0

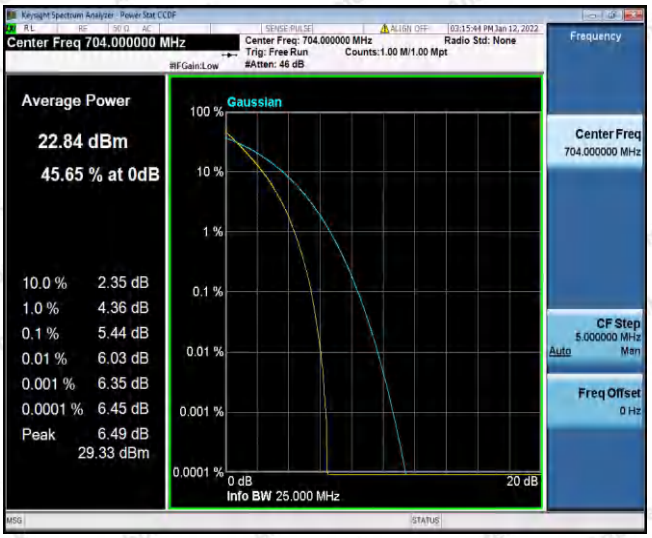
Band12-5MHz-16QAM-23155-1RB#0



Band12-5MHz-16QAM-23155-25RB#0

Band12-10MHz-QPSK-23060-1RB#0

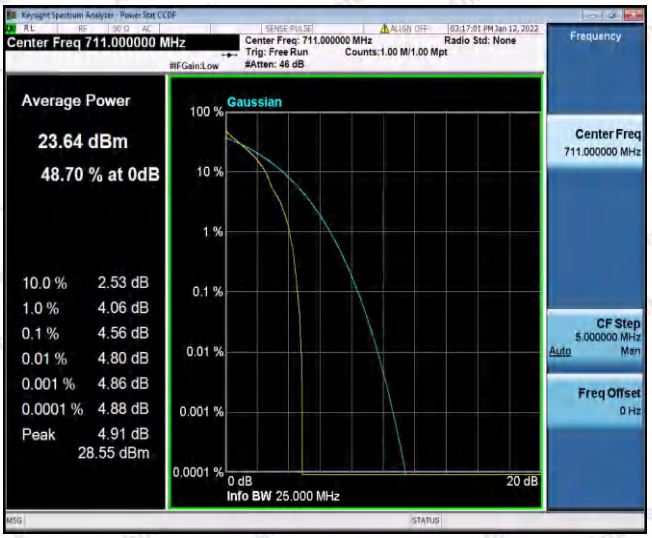
Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-1RB#0

Band12-10MHz-QPSK-23095-50RB#0

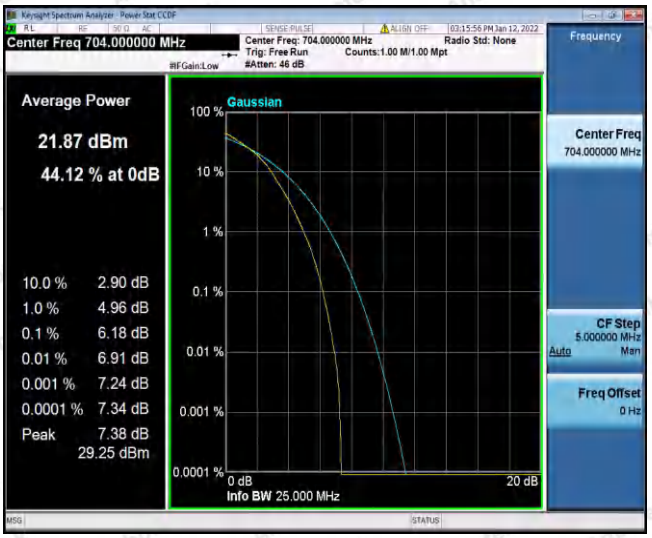
Band12-10MHz-QPSK-23130-1RB#0



Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-1RB#0

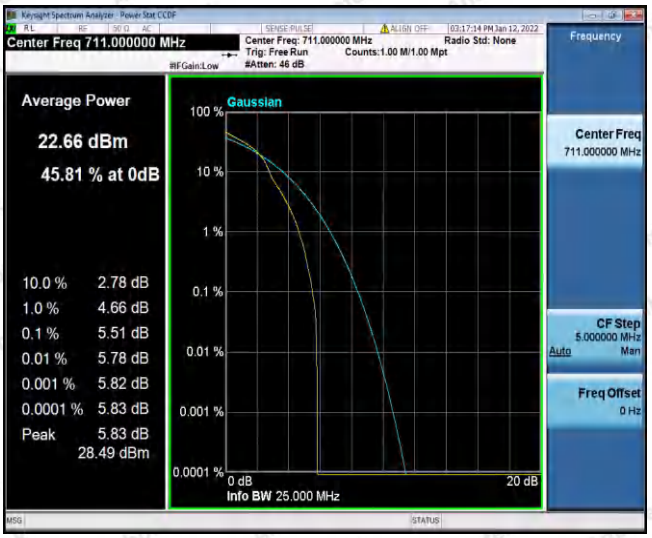
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-1RB#0

Band12-10MHz-16QAM-23095-50RB#0

Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-50RB#0

Keysight Spectrum Analyzer - Power Stat CCDF
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
21.89 dBm
44.47 % at 0dB
10.0 % 2.90 dB
1.0 % 4.94 dB
0.1 % 6.13 dB
0.01 % 6.82 dB
0.001 % 7.13 dB
0.0001 % 7.31 dB
Peak 7.35 dB
29.24 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0943	1.274	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0885	1.253	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0875	1.244	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0922	1.255	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0867	1.256	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0903	1.268	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6873	2.857	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6932	2.859	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6933	2.856	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6876	2.872	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6842	2.851	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6912	2.857	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5099	4.966	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4960	4.942	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5173	5.034	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5135	4.964	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5026	4.961	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5188	4.953	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9972	9.548	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9623	9.556	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9918	9.548	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9802	9.554	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9545	9.550	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9781	9.573	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0
Band12-1.4MHz-QPSK-23095-6RB#0
Band12-1.4MHz-QPSK-23173-6RB#0

Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23095-6RB#0

Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-15RB#0

Band12-3MHz-QPSK-23095-15RB#0

Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-15RB#0

Band12-3MHz-16QAM-23095-15RB#0

Band12-3MHz-16QAM-23165-15RB#0

Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23095-25RB#0

Band12-5MHz-QPSK-23155-25RB#0

Band12-5MHz-16QAM-23035-25RB#0

Band12-5MHz-16QAM-23095-25RB#0

Band12-5MHz-16QAM-23155-25RB#0

Band12-10MHz-QPSK-23060-50RB#0

Band12-10MHz-QPSK-23095-50RB#0

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-50RB#0

Band12-10MHz-16QAM-23095-50RB#0

Band12-10MHz-16QAM-23130-50RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 35.00 dBm
Center Freq
711.000000 MHz
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9781 MHz
Total Power
23.0 dBm
Transmit Freq Error
-14.518 kHz
OBW Power
99.00 %
x dB Bandwidth
9.573 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

Appendix D: Band Edge

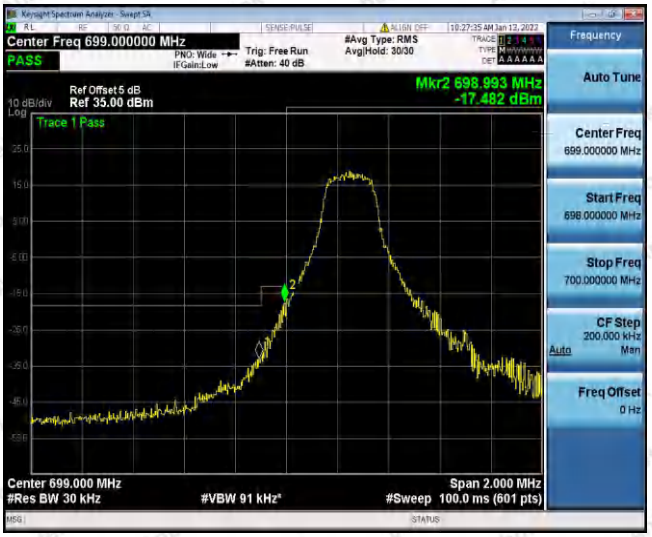
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-33.19,-17.48	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-43.34,-48.25	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.34,-24.50	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-48.84,-44.66	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.08,-30.39	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.13,-34.88	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-29.28,-20.48	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-44.44,-48.11	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.55,-27.64	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-49.98,-47.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-21.88,-31.19	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.27,-34.93	PASS
Band12	3MHz	QPSK	23025	1RB#0	-30.80,-14.99	PASS
Band12	3MHz	QPSK	23025	1RB#14	-40.99,-48.74	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.74,-21.87	PASS
Band12	3MHz	QPSK	23165	1RB#0	-49.57,-42.72	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.61,-34.78	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.82,-38.56	PASS
Band12	3MHz	16QAM	23025	1RB#0	-31.22,-16.63	PASS
Band12	3MHz	16QAM	23025	1RB#14	-41.17,-49.30	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.22,-21.50	PASS
Band12	3MHz	16QAM	23165	1RB#0	-50.50,-44.49	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.82,-34.99	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.66,-38.78	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.48	PASS
Band12	5MHz	QPSK	23035	1RB#24	-50.70	PASS
Band12	5MHz	QPSK	23035	25RB#0	-20.65	PASS
Band12	5MHz	QPSK	23155	1RB#0	-51.63	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.98	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.76	PASS
Band12	5MHz	16QAM	23035	1RB#0	-14.89	PASS
Band12	5MHz	16QAM	23035	1RB#24	-51.16	PASS
Band12	5MHz	16QAM	23035	25RB#0	-21.56	PASS
Band12	5MHz	16QAM	23155	1RB#0	-50.96	PASS
Band12	5MHz	16QAM	23155	1RB#24	-16.90	PASS
Band12	5MHz	16QAM	23155	25RB#0	-24.47	PASS

Band12	10MHz	QPSK	23060	1RB#0	-31.66,-21.99	PASS
Band12	10MHz	QPSK	23060	1RB#49	-47.09,-43.96	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.80,-24.61	PASS
Band12	10MHz	QPSK	23130	1RB#0	-41.67,-43.32	PASS
Band12	10MHz	QPSK	23130	1RB#49	-23.26,-32.05	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.86,-31.40	PASS
Band12	10MHz	16QAM	23060	1RB#0	-27.32,-20.41	PASS
Band12	10MHz	16QAM	23060	1RB#49	-47.29,-42.66	PASS
Band12	10MHz	16QAM	23060	50RB#0	-27.89,-25.18	PASS
Band12	10MHz	16QAM	23130	1RB#0	-41.82,-43.57	PASS
Band12	10MHz	16QAM	23130	1RB#49	-23.33,-33.63	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.79,-32.70	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-1RB#5

Band12-1.4MHz-QPSK-23017-6RB#0

Band12-1.4MHz-QPSK-23173-1RB#0

Band12-1.4MHz-QPSK-23173-1RB#5

Band12-1.4MHz-QPSK-23173-6RB#0

Band12-1.4MHz-16QAM-23017-1RB#0

Band12-1.4MHz-16QAM-23017-1RB#5

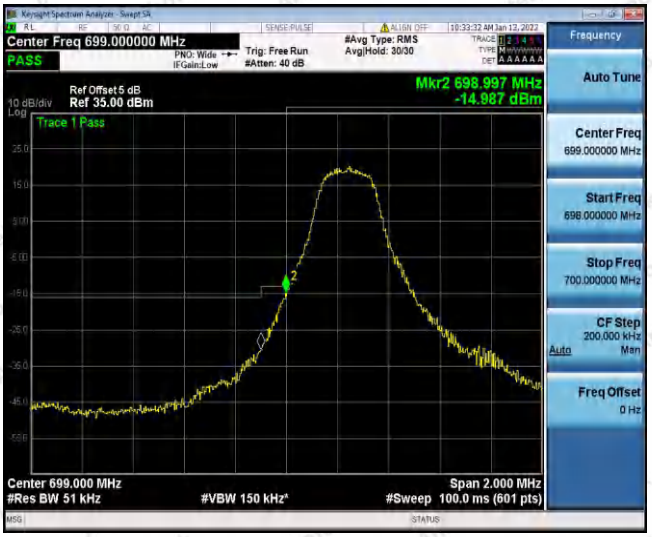
Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23173-1RB#0

Band12-1.4MHz-16QAM-23173-1RB#5

Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-1RB#14

Band12-3MHz-QPSK-23025-15RB#0