Appendix for Band 12

Product Name: Tablet
Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.42	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.44	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.65	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.56	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.64	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.43	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.44	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.55	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.53	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.66	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.47	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.42	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.42	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.53	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.54	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.62	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.40	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.53	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.32	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.49	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.42	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.43	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.47	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.61	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.47	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	22.46	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.50	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.46	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.43	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.43	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.41	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.42	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.39	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.41	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.39	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.42	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.53	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.51	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.42	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.41	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.42	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.53	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.43	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.41	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.45	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.44	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.42	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.46	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.55	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.41	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.41	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.75	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.61	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.62	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.53	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.52	PASS

Band12	3MHz	16QAM	23025	8RB#7	21.51	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.66	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.51	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.52	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.53	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.54	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.51	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.42	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.39	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.41	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.32	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.53	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.55	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.54	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.32	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.53	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.31	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.52	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.43	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.45	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.53	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.44	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.42	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.33	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.41	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.42	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.53	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.56	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.34	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.51	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.42	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.33	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.46	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.34	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.40	PASS

Band12	5MHz	16QAM	23035	1RB#0	22.42	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.61	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.39	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.44	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.42	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.53	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.56	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.62	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.71	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.52	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.63	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.52	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.61	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.62	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.43	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.56	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.41	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.42	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.46	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.46	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.59	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.36	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.72	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.32	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.53	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.65	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.54	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.62	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.43	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.51	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.32	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.53	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.64	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.62	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.73	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.45	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.51	PASS

Band12	10MHz	QPSK	23130	1RB#49	23.42	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.46	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.42	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.46	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.62	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.73	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.61	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.62	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.63	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.52	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.76	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.62	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.63	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.51	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.72	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.73	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.81	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.72	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.33	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.52	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.36	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.54	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.52	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.63	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.66	PASS

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

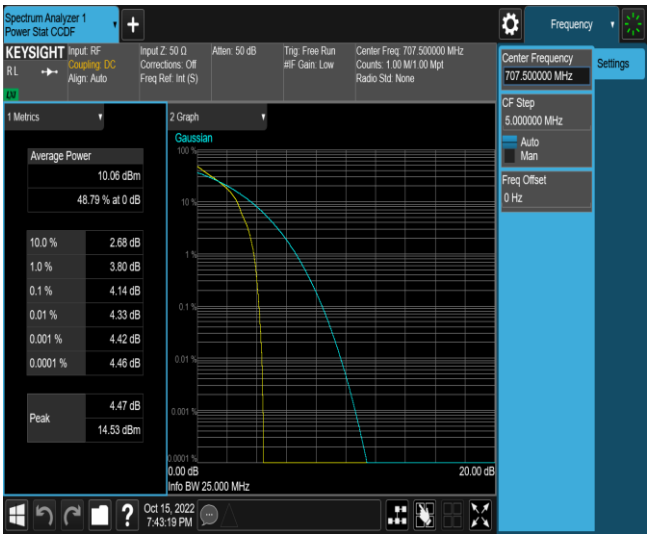
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.75	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.70	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.14	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.03	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.09	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.88	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.58	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.57	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.09	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.84	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.01	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.78	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.65	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.96	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.07	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.98	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.92	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.71	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.58	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.85	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.89	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.73	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.79	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.83	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.73	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.02	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.08	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.20	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.05	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.53	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.55	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.71	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.86	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.92	13	PASS

Band12	5MHz	16QAM	23155	25RB#0	5.84	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.79	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.91	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.65	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.06	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.94	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.24	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.78	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.72	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.74	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.03	13	PASS

Test Graphs

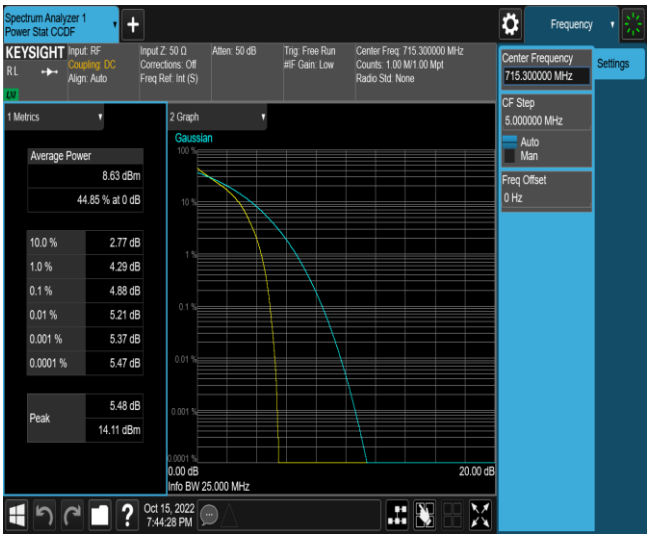
Band12-1.4MHz-QPSK-23017-1RB#0
Band12-1.4MHz-QPSK-23017-6RB#0
Band12-1.4MHz-QPSK-23095-1RB#0



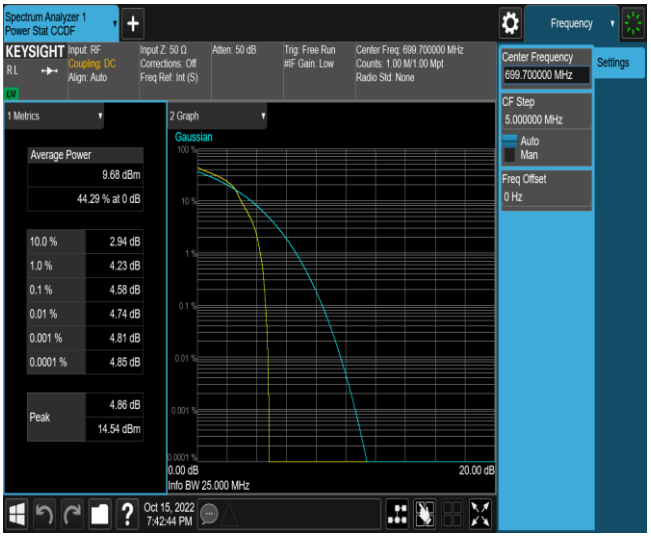
Band12-1.4MHz-QPSK-23095-6RB#0

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

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

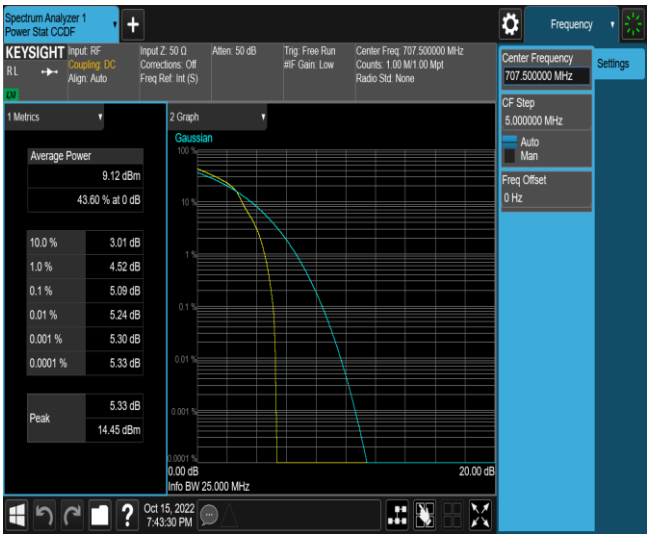


Band12-1.4MHz-16QAM-23017-1RB#0



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

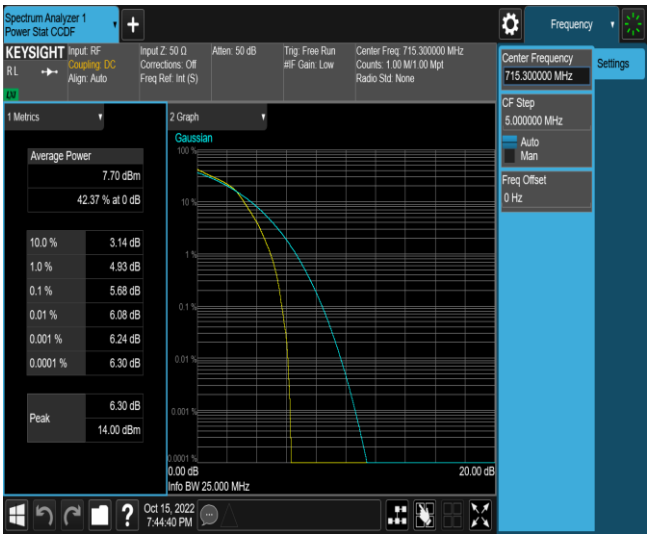
Band12-1.4MHz-16QAM-23095-1RB#0



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

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

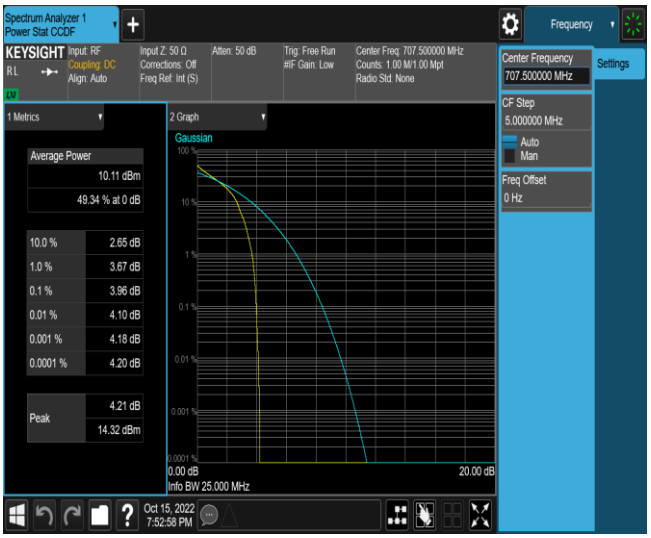
Band12-1.4MHz-16QAM-23173-6RB#0



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

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

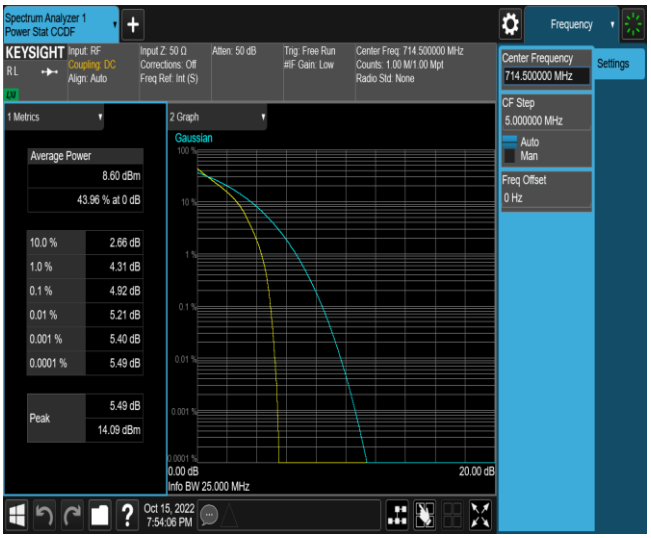
Band12-3MHz-QPSK-23095-1RB#0



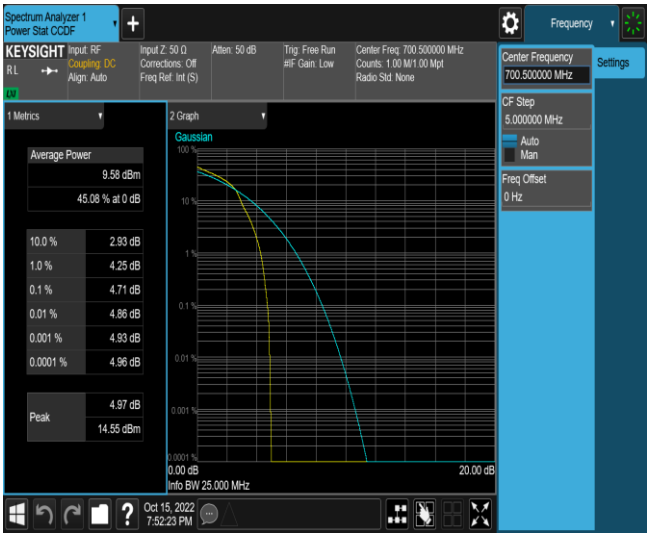
Band12-3MHz-QPSK-23095-15RB#0

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

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

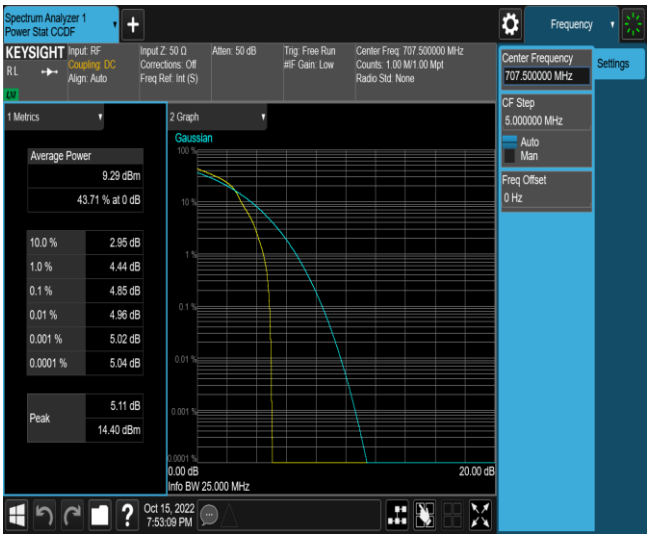


Band12-3MHz-16QAM-23025-1RB#0



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

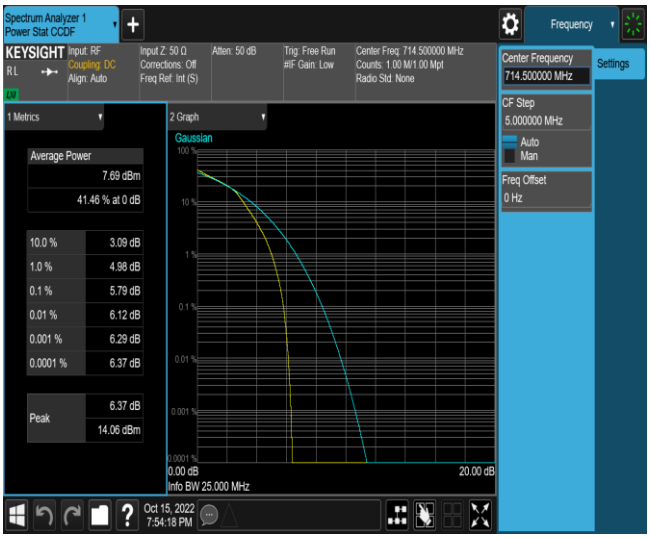
Band12-3MHz-16QAM-23095-1RB#0



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

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

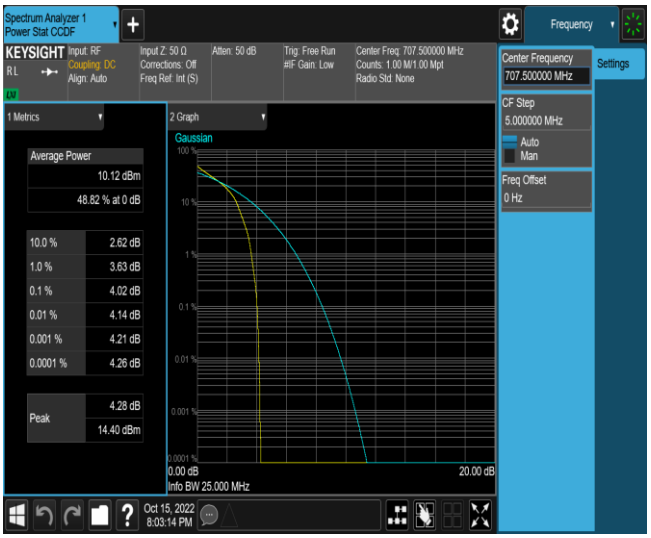
Band12-3MHz-16QAM-23165-15RB#0



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

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

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



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

Band12-5MHz-QPSK-23155-1RB#0

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

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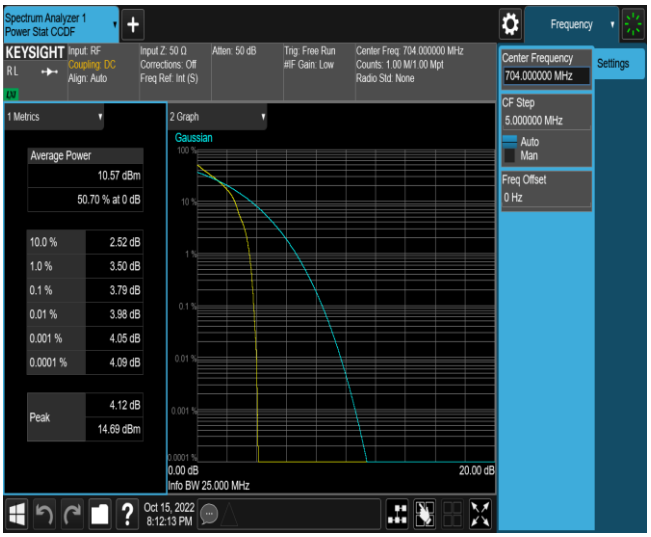
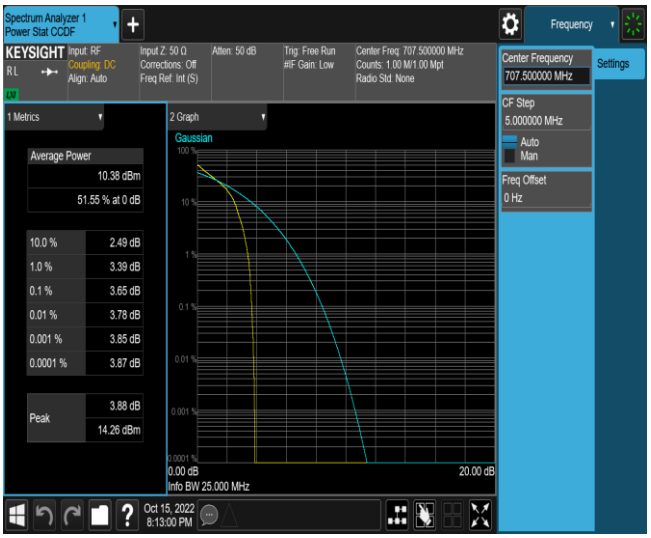
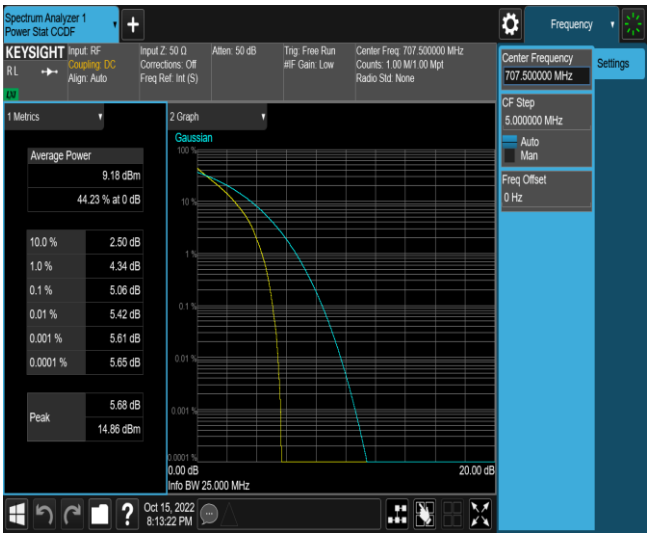


Band12-10MHz-QPSK-23060-50RB#0

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



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



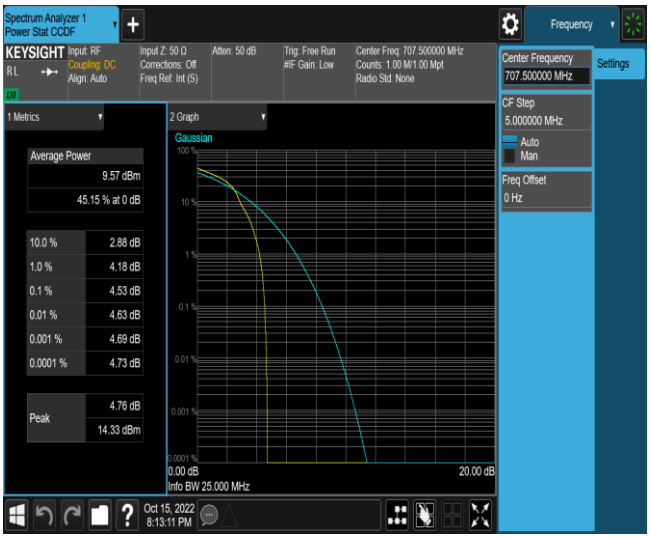
Band12-10MHz-QPSK-23130-1RB#0

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

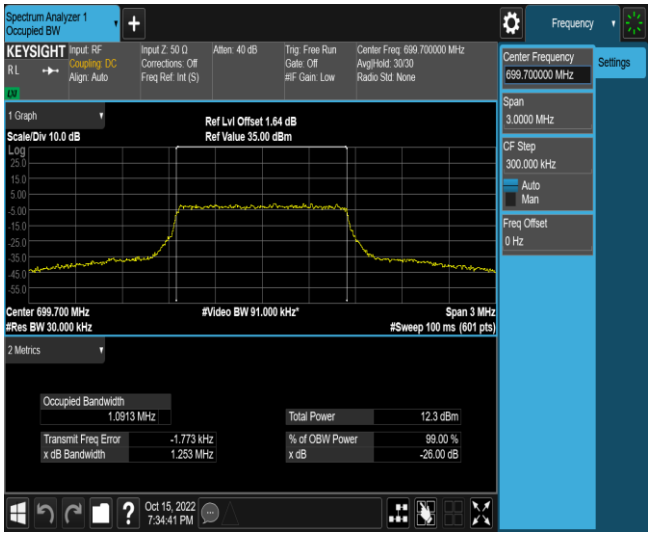
Spectrum Analyzer 1
Power Stat CCDF
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 711.000000 MHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Center Frequency
711.000000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
8.06 dBm
41.78 % at 0 dB
10.0 % 3.05 dB
1.0 % 5.12 dB
0.1 % 6.03 dB
0.01 % 6.49 dB
0.001 % 6.70 dB
0.0001 % 6.77 dB
Peak
6.78 dB
14.86 dBm
2 Graph
Gaussian
0.00 dB
20.00 dB
Info BW 25.000 MHz
Oct 15, 2022
8:14:22 PM

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	1.0913	1.253	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0854	1.258	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0949	1.259	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0898	1.264	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0899	1.274	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0883	1.246	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6885	2.853	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6937	2.862	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6939	2.857	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6880	2.867	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6888	2.868	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6916	2.850	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5061	4.975	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5055	4.942	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5139	4.943	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5104	4.966	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5038	5.004	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5104	4.925	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0112	9.685	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9887	9.634	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9894	9.629	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9906	9.635	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9955	9.650	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9929	9.620	PASS

Test Graphs

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

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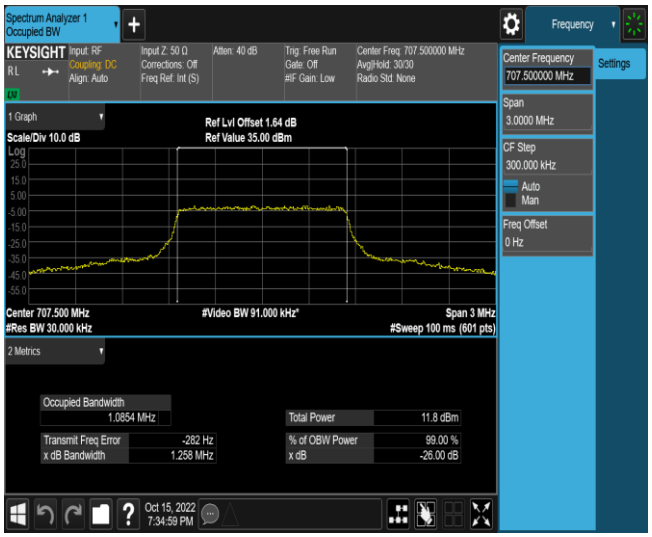
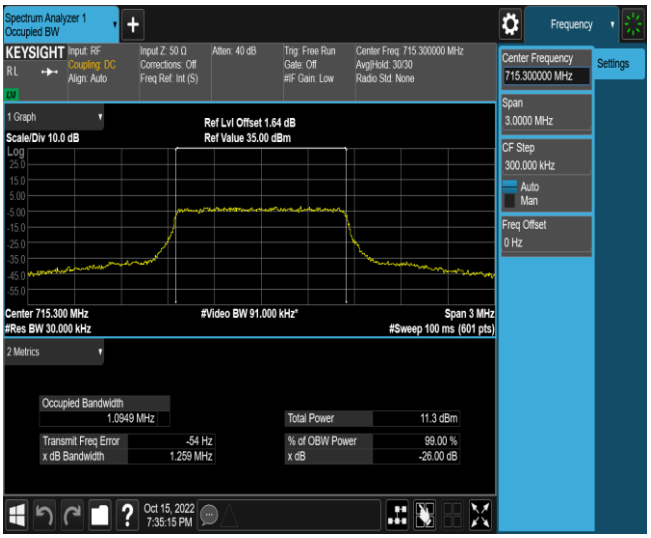
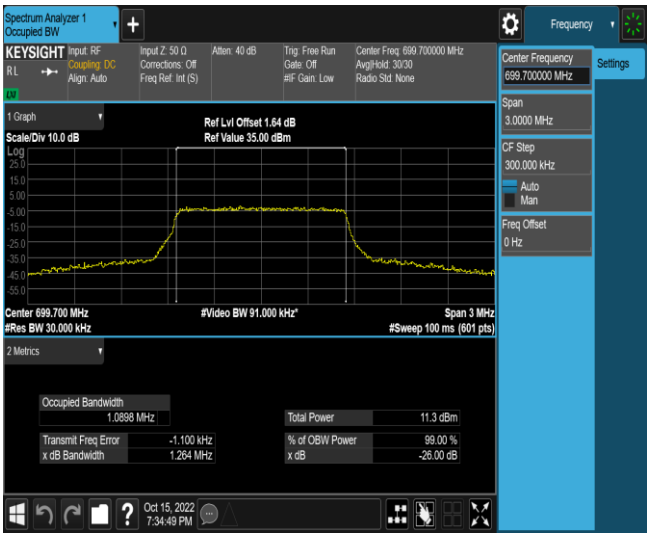

Band12-1.4MHz-QPSK-23173-6RB#0



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



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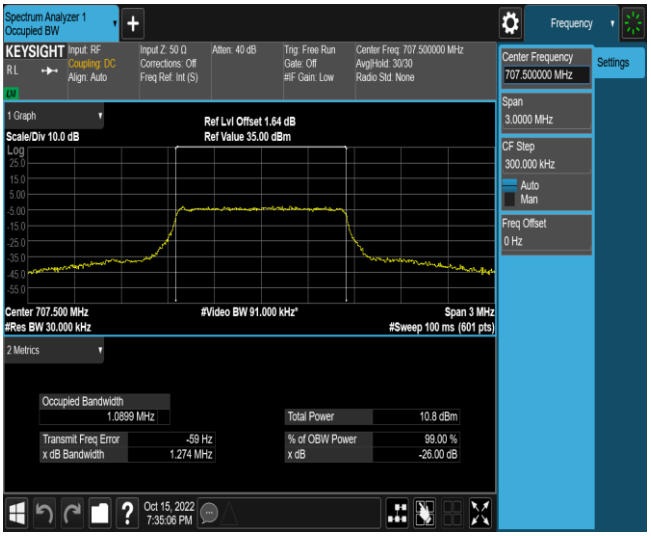

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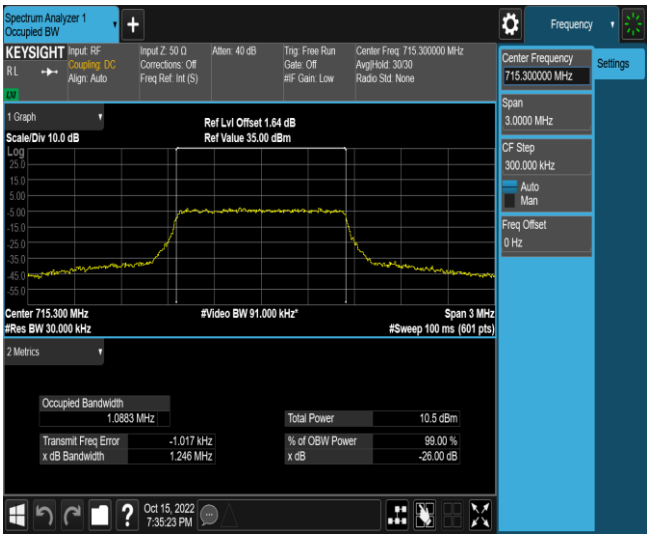
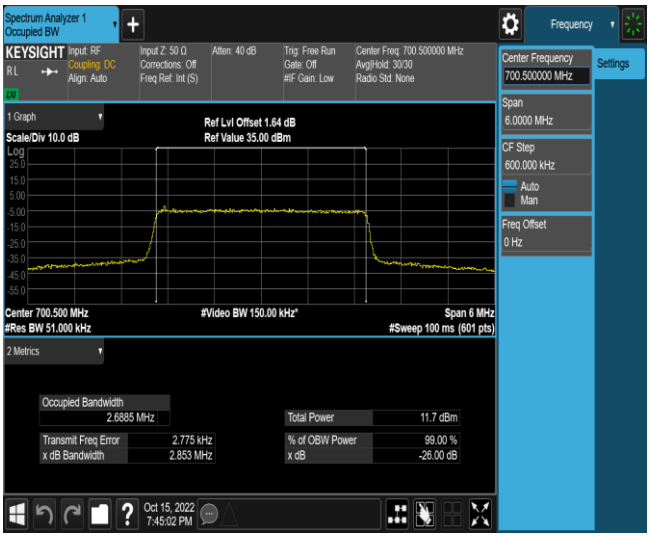


Band12-3MHz-QPSK-23025-15RB#0



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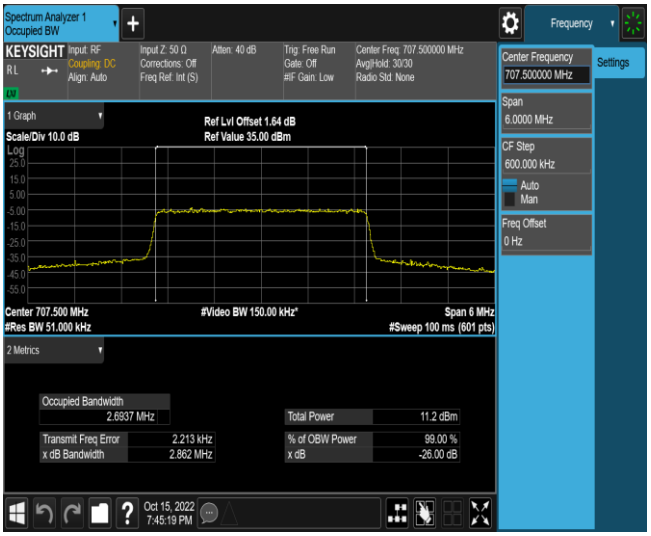

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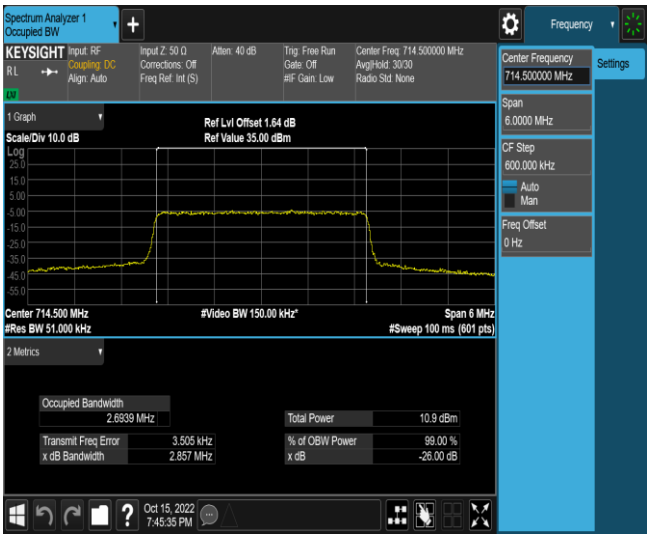

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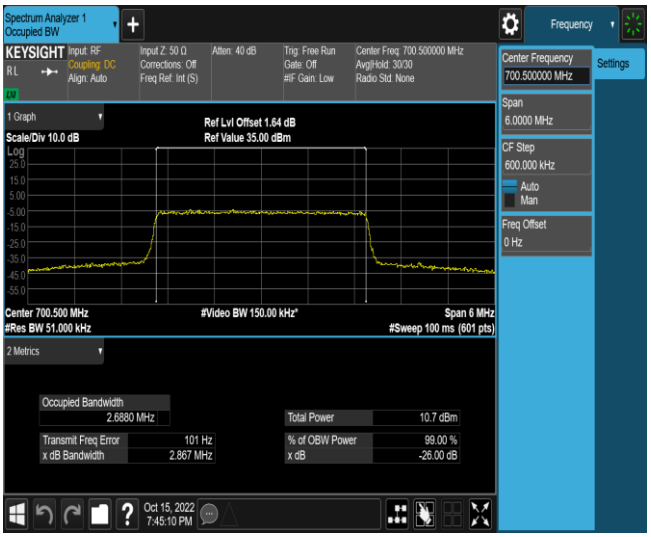

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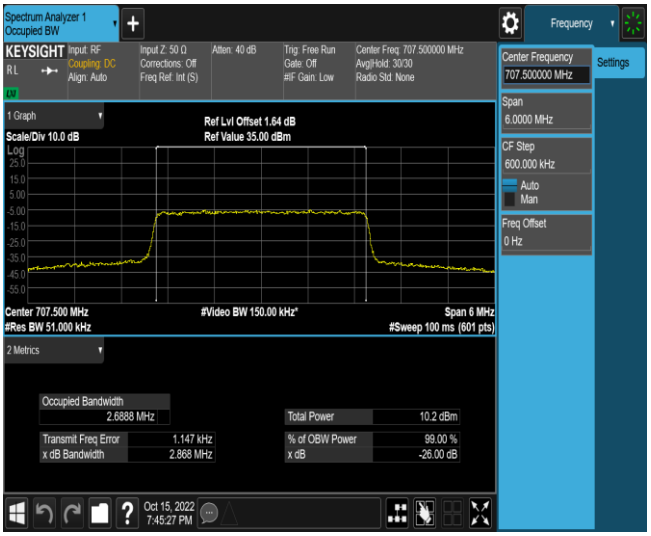

Band12-3MHz-16QAM-23165-15RB#0