Appendix for Band 7

Product Name: Tablet
Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.71	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.82	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.63	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.75	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.68	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.61	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.73	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.96	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.85	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.96	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.84	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.85	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.83	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.02	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.11	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.16	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.07	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.05	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.56	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.63	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.64	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.72	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.53	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.62	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.61	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.62	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.73	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.76	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.98	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.86	PASS

Band7	5MHz	16QAM	21100	12RB#0	20.82	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.72	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.83	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.84	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.95	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.73	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.06	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.17	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.85	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.43	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.62	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.31	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.42	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.23	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.38	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.39	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.37	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.35	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.36	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.52	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.33	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.31	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.32	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.33	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.31	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.42	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.66	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.45	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.34	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.42	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.43	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.44	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.47	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.48	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.49	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.36	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.31	PASS

Band7	10MHz	16QAM	20800	25RB#25	20.52	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.43	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.46	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.55	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.31	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.32	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.33	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.32	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.36	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.51	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.63	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.44	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.35	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.36	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.33	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.34	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.05	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.06	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.84	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.33	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.96	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.47	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.95	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.93	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.06	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.01	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.91	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.92	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.93	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.86	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.84	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.07	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.98	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.69	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.97	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.41	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.81	PASS

Band7	15MHz	16QAM	20825	1RB#0	20.90	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.43	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.92	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.96	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.32	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.92	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.33	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.36	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.97	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.86	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.96	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.83	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.81	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.92	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.13	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.06	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.55	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.54	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.42	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.73	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.86	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.57	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.88	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.83	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.76	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.81	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.72	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.63	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.34	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.86	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.88	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.89	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.84	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.92	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.19	PASS

Band7	20MHz	QPSK	21350	1RB#99	22.15	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.25	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.06	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.04	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.53	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.65	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.46	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.84	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.95	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.76	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.84	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.95	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.73	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.74	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.92	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.96	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.88	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.87	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.72	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.63	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.06	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.44	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.45	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.46	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.45	PASS

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

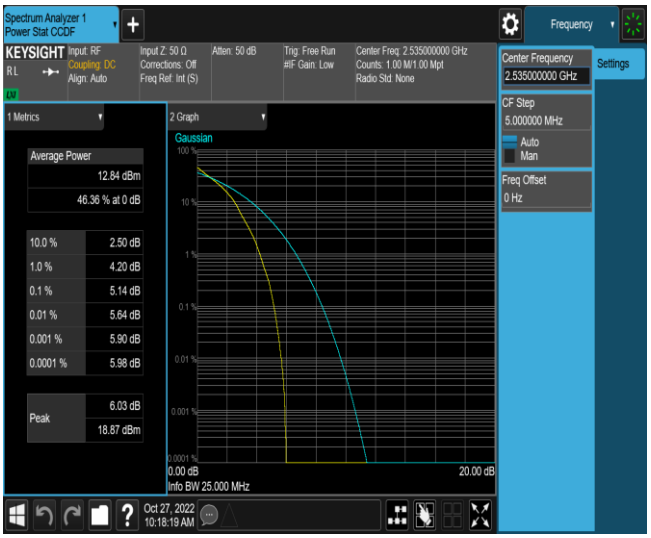
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.55	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.02	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.14	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.34	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.59	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.98	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.16	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.70	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.67	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.02	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.99	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.68	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.57	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.15	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.09	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.36	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.32	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.98	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.30	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.84	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.98	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.08	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.13	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.71	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.54	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.61	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.32	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.74	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.38	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.30	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.27	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.12	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.17	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.23	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.12	13	PASS

Band7	15MHz	16QAM	21375	75RB#0	6.80	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.45	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.55	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.68	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.60	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.24	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.86	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.16	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.24	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.14	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.17	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.60	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.60	13	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0
Band7-5MHz-QPSK-20775-25RB#0
Band7-5MHz-QPSK-21100-1RB#0



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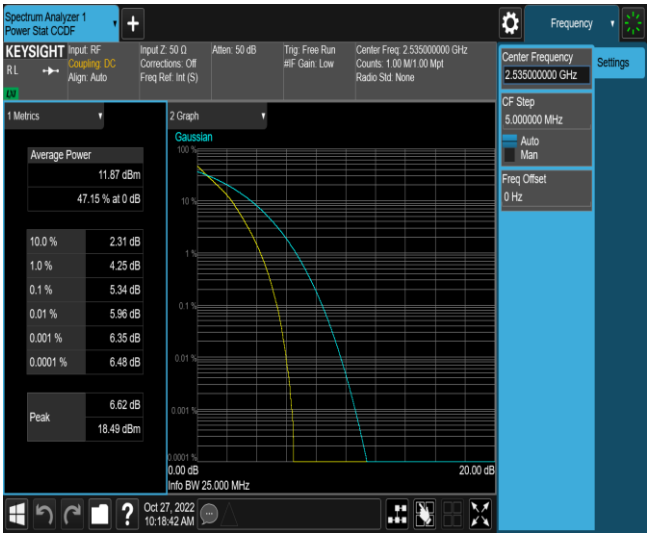
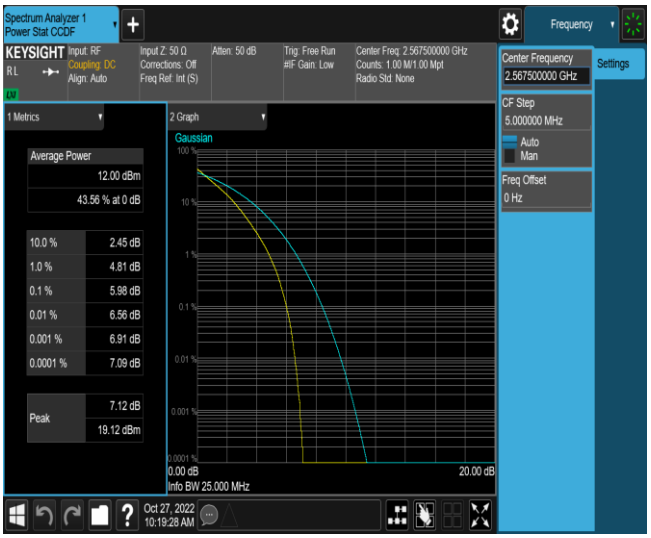
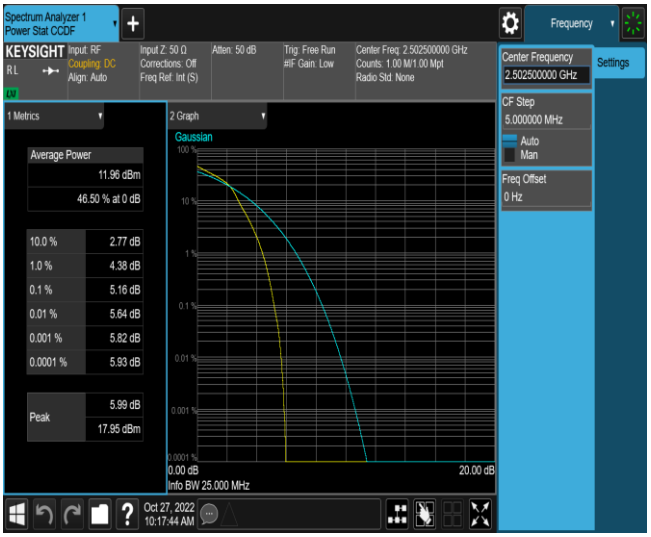


Band7-5MHz-QPSK-21425-1RB#0

Band7-5MHz-QPSK-21425-25RB#0

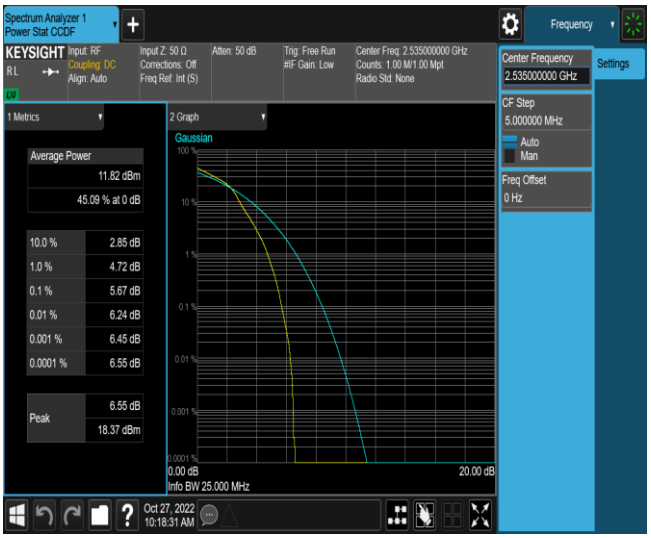


Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0

Band7-5MHz-16QAM-21100-1RB#0



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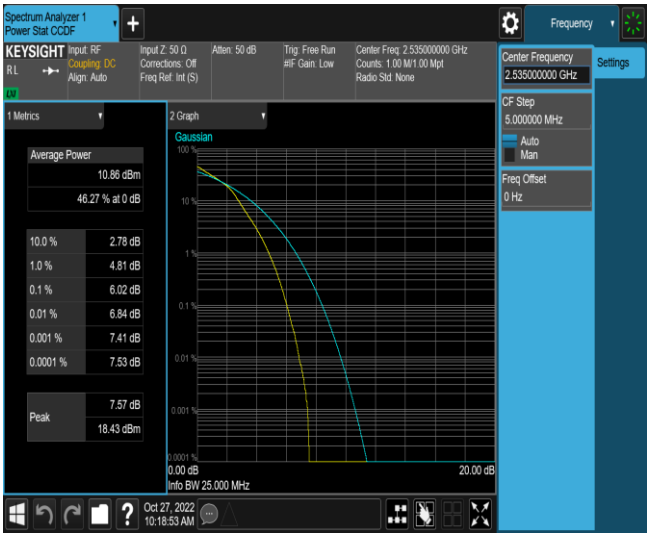
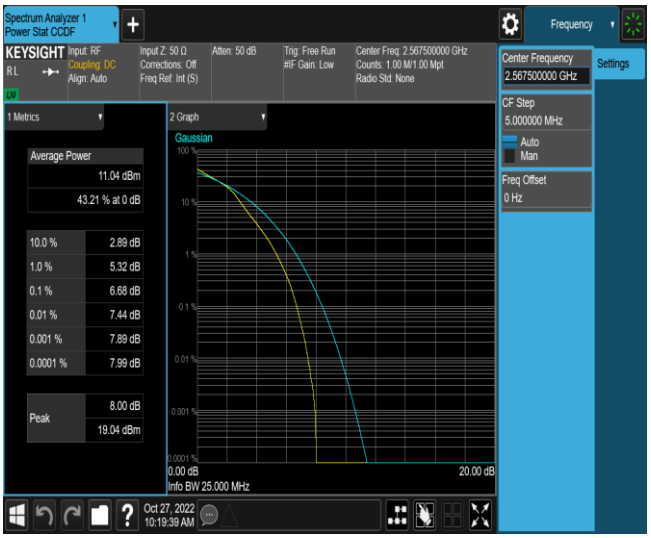


Band7-5MHz-16QAM-21425-1RB#0

Band7-5MHz-16QAM-21425-25RB#0



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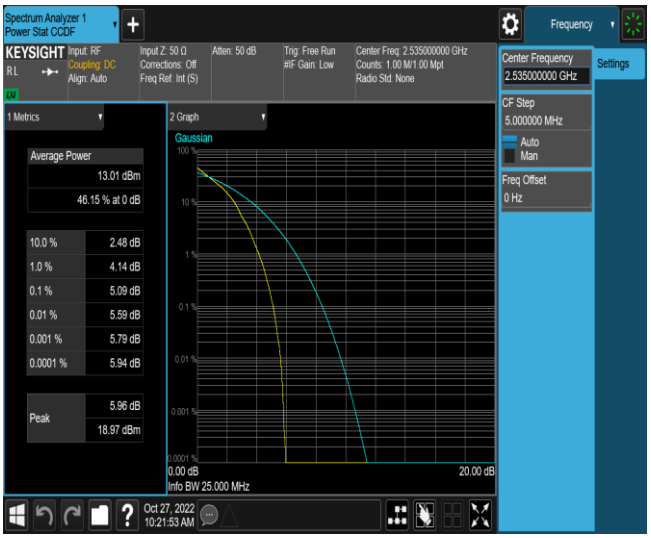

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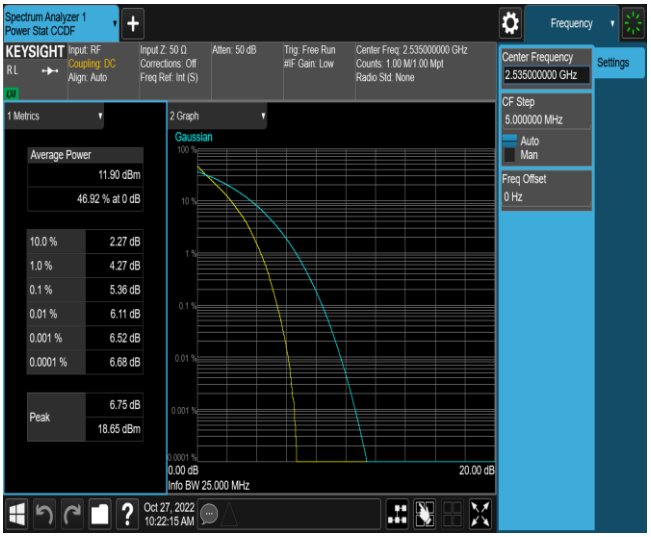

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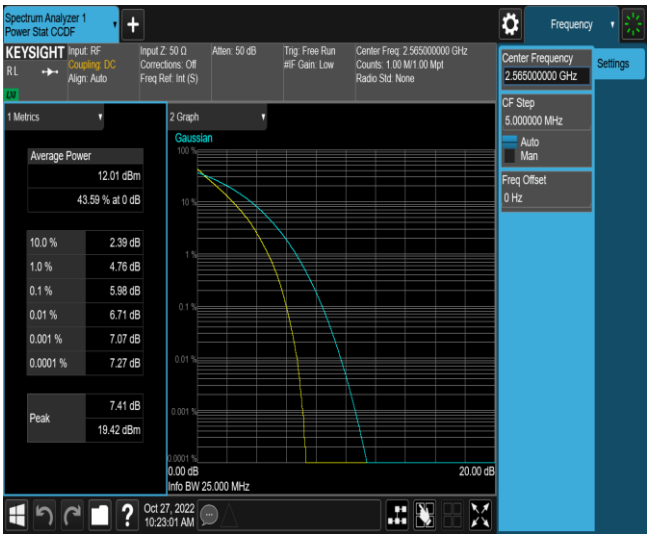
Band7-10MHz-QPSK-21400-50RB#0



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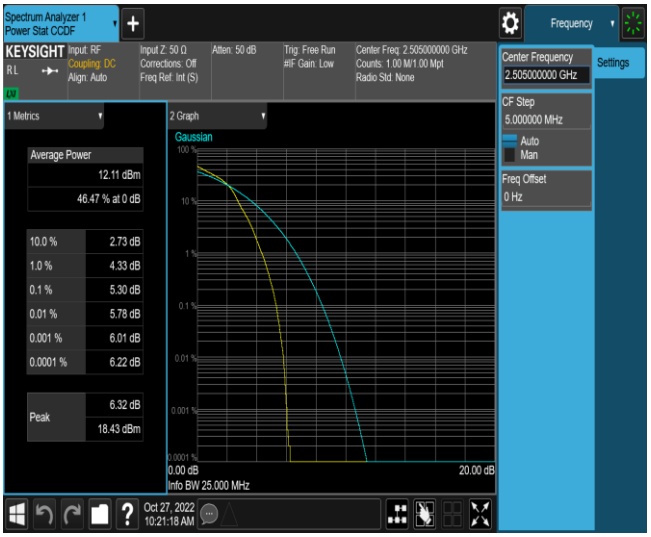

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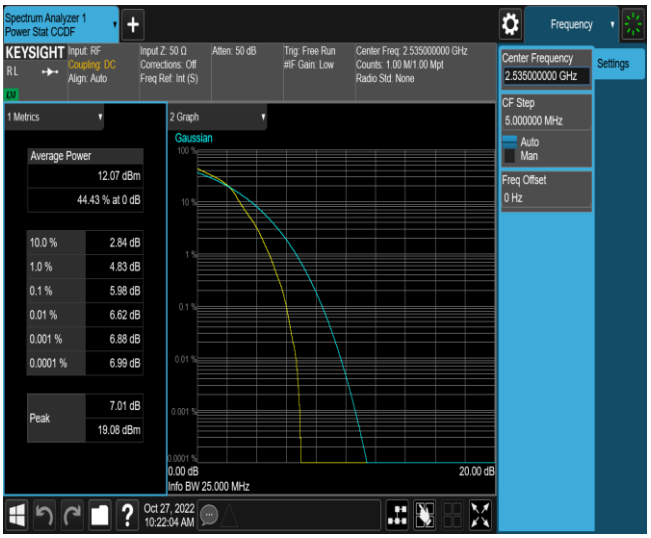

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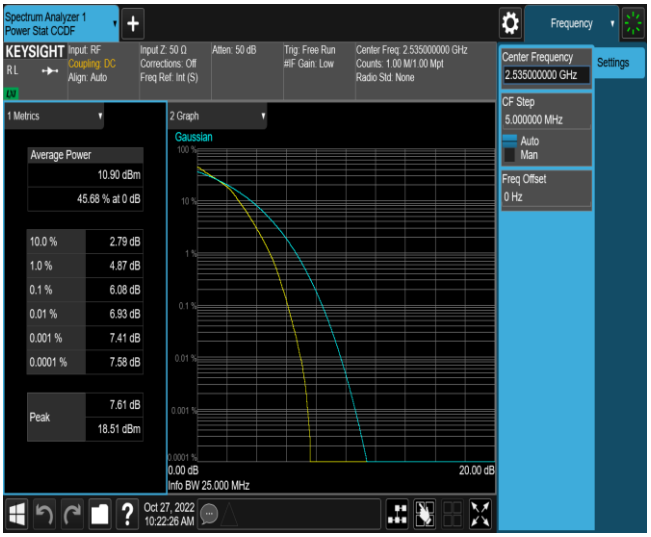

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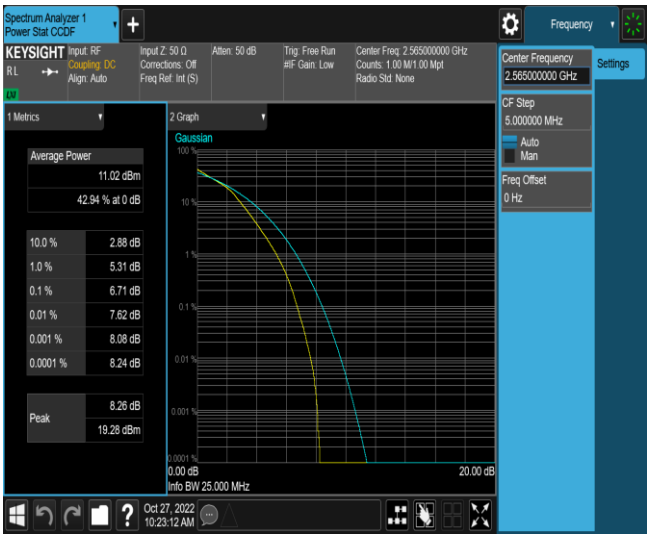
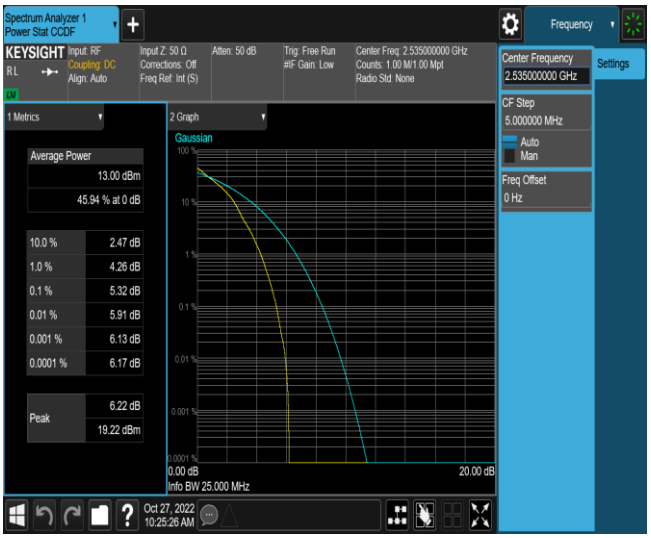
Band7-10MHz-16QAM-21400-50RB#0



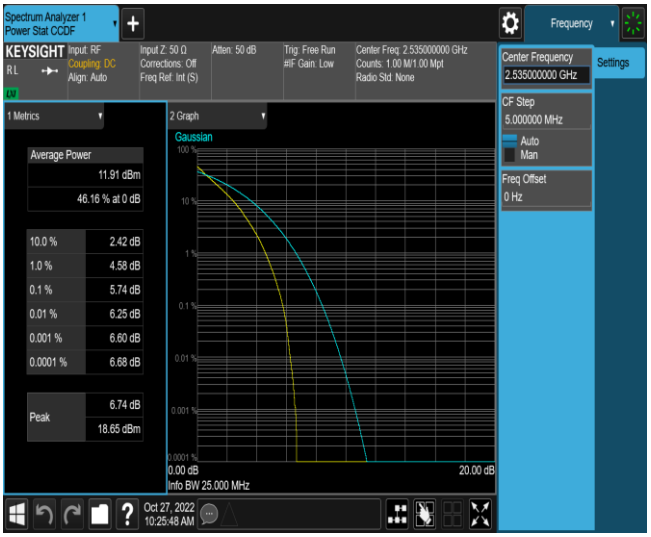
Band7-15MHz-QPSK-20825-1RB#0

Band7-15MHz-QPSK-20825-75RB#0

Band7-15MHz-QPSK-21100-1RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-1RB#0

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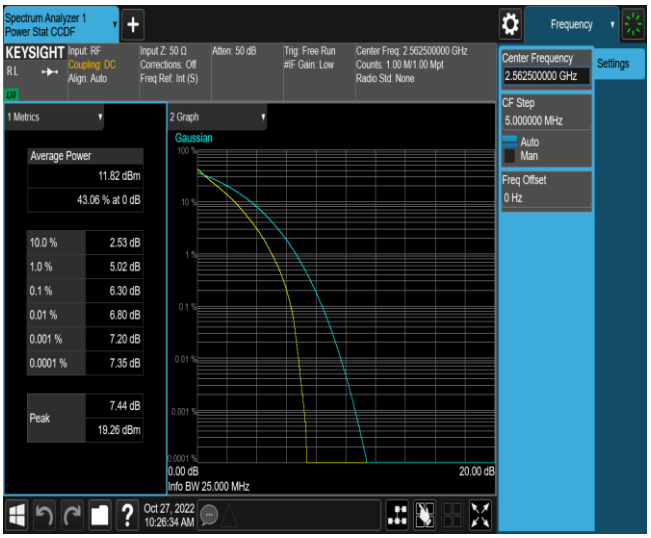
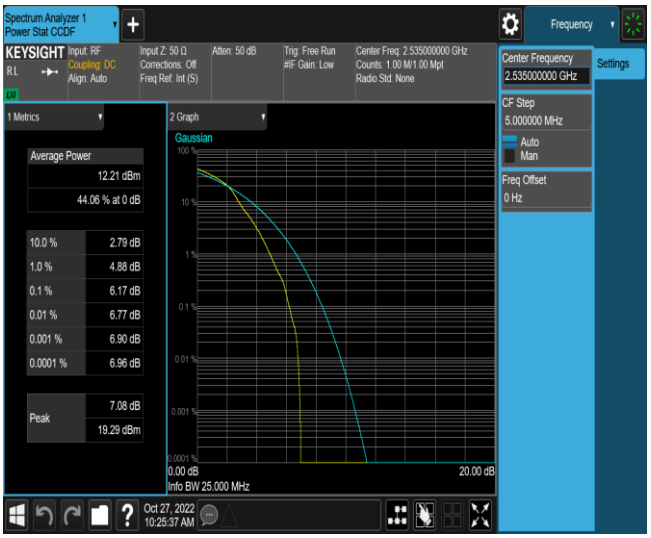


Band7-15MHz-16QAM-20825-1RB#0

Band7-15MHz-16QAM-20825-75RB#0

Band7-15MHz-16QAM-21100-1RB#0



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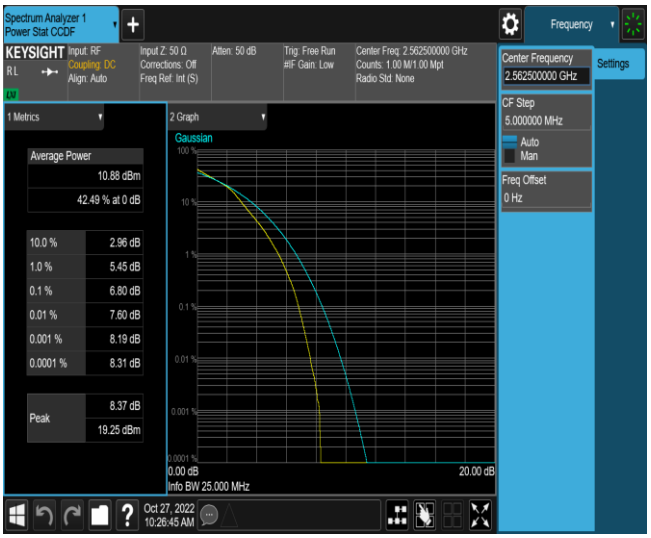

Band7-20MHz-QPSK-20850-1RB#0

Band7-20MHz-QPSK-20850-100RB#0

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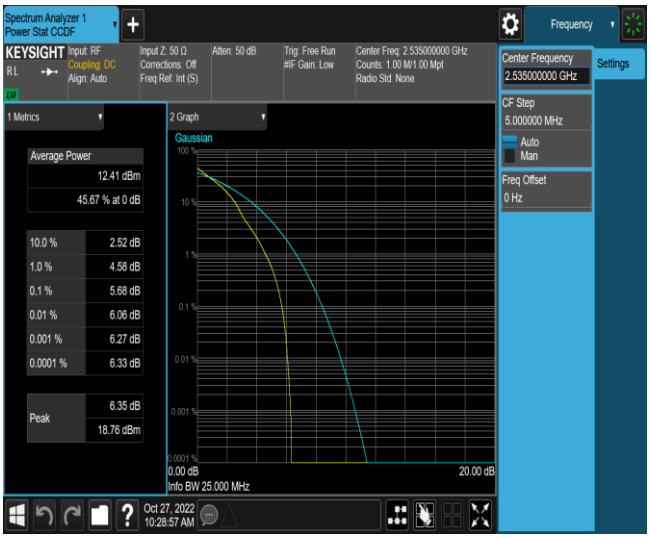

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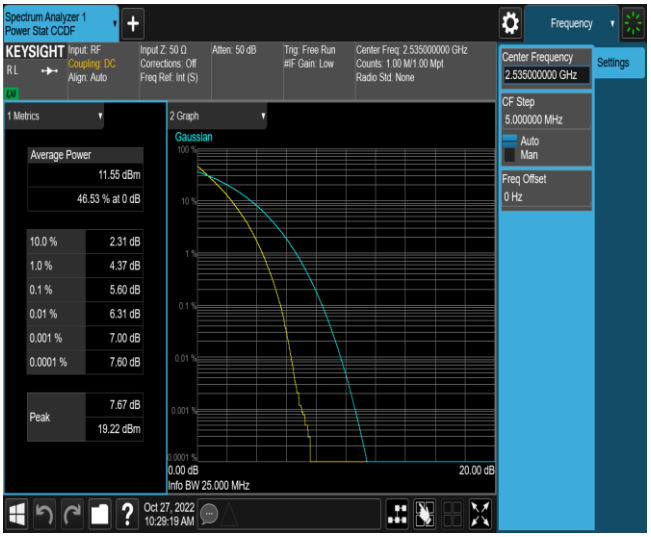

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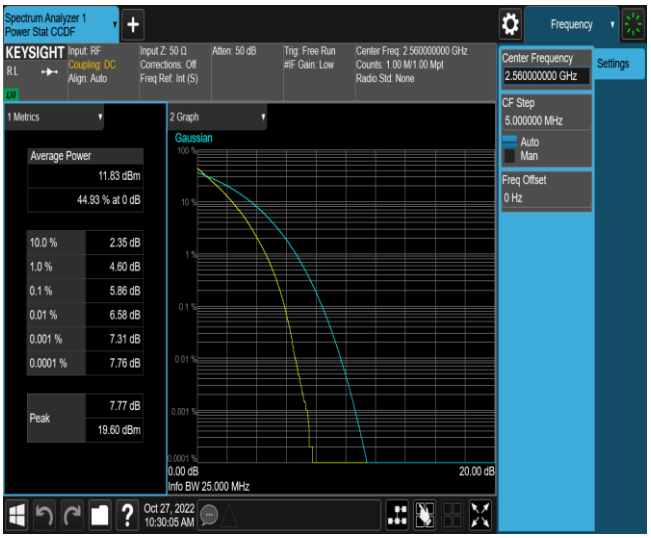

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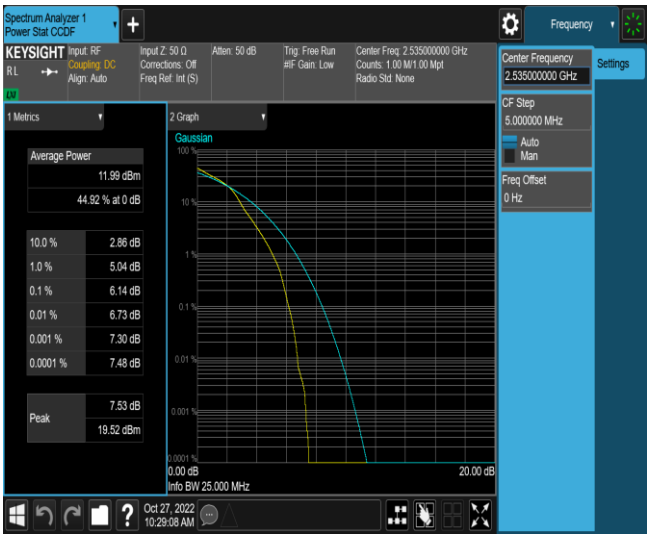

Band7-20MHz-16QAM-21100-100RB#0

Band7-20MHz-16QAM-21350-1RB#0

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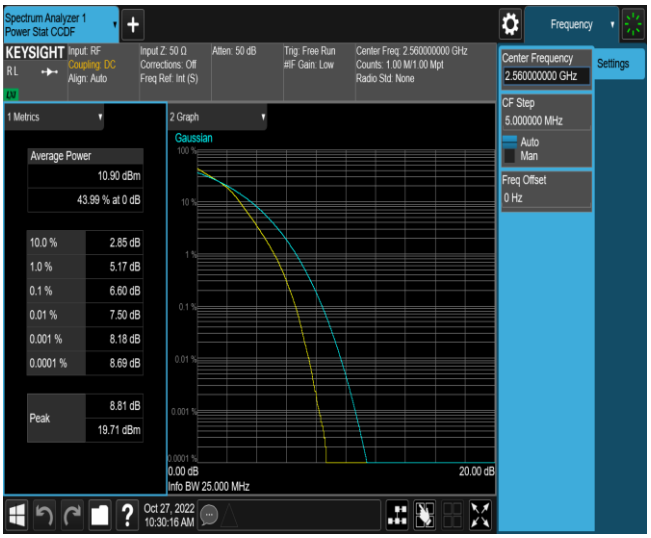
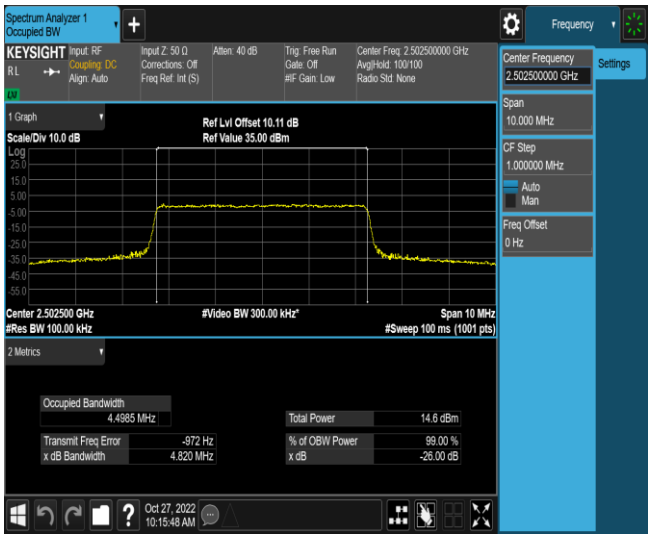

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 2.560000000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Center Frequency
2.560000000 GHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
10.90 dBm
43.99 % at 0 dB
10.0 % 2.85 dB
1.0 % 5.17 dB
0.1 % 6.60 dB
0.01 % 7.50 dB
0.001 % 8.18 dB
0.0001 % 8.69 dB
Peak
8.81 dB
19.71 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 25.000 MHz
Oct 27, 2022
10:30:16 AM

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4985	4.820	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4970	4.833	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4967	4.823	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5020	4.798	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5061	4.802	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5022	4.803	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9899	9.529	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9814	9.543	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9894	9.517	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9734	9.519	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9748	9.520	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9726	9.510	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.481	14.28	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.470	14.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.476	14.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.465	14.27	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.464	14.25	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.958	18.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.919	18.95	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.959	18.96	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.937	18.94	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.940	18.95	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.939	18.95	PASS

Test Graphs

Band7-5MHz-QPSK-20775-25RB#0

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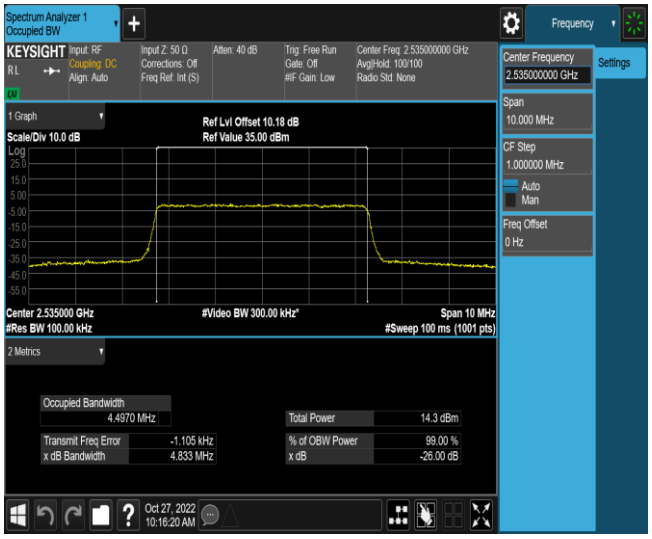
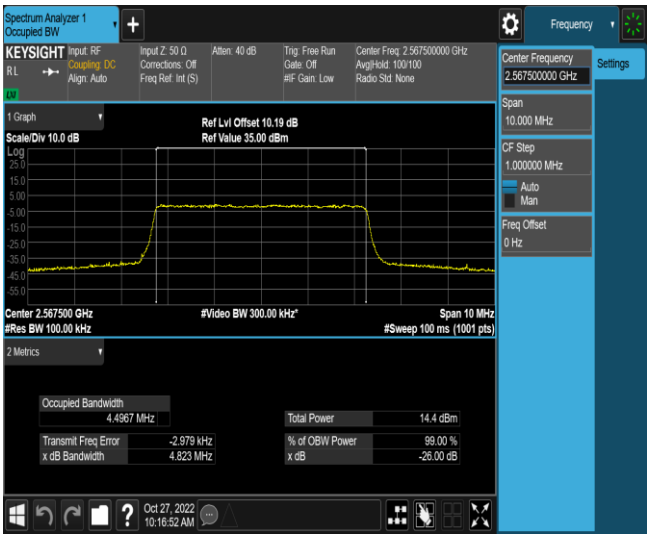
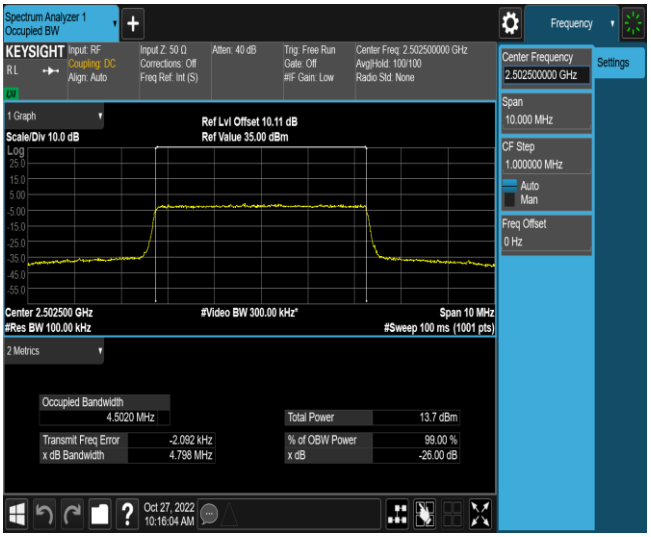

Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-25RB#0



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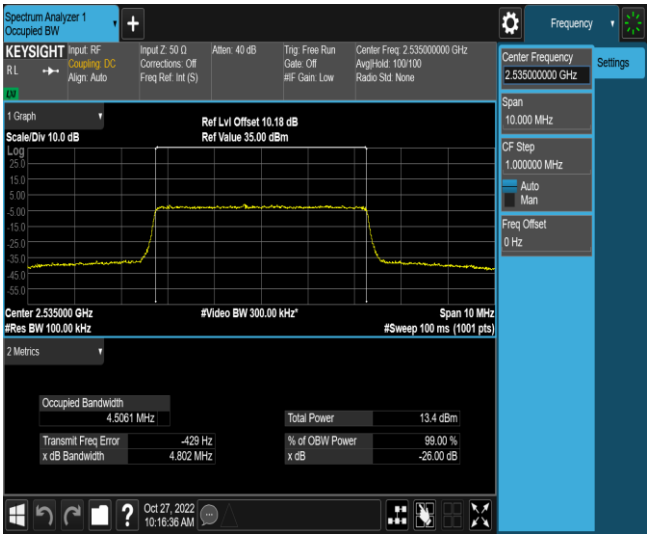

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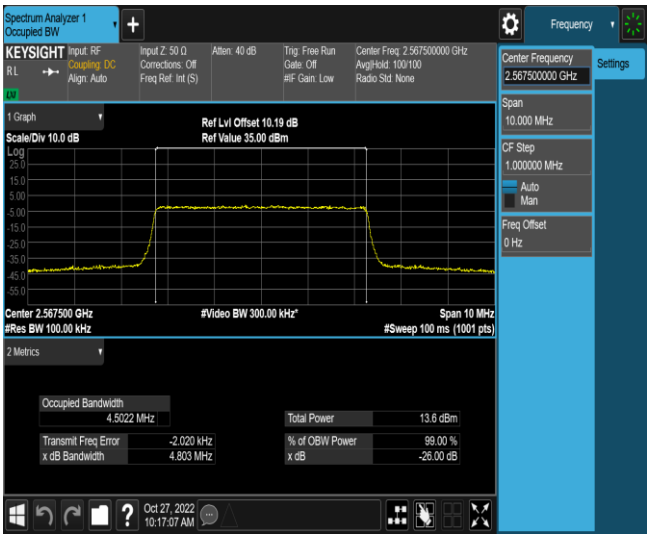
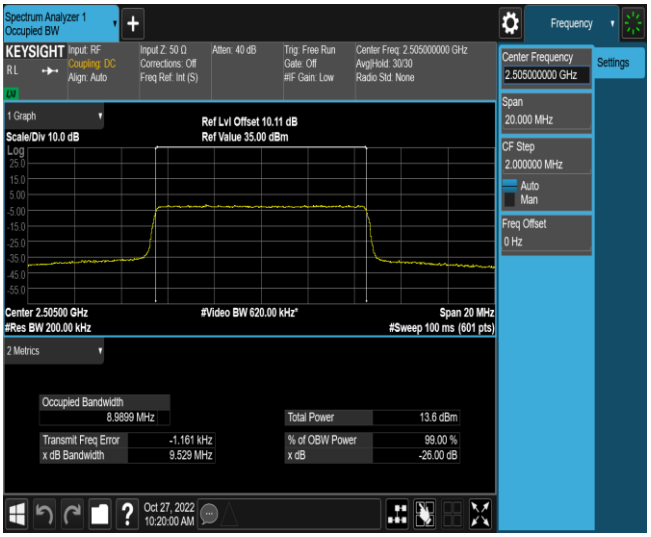
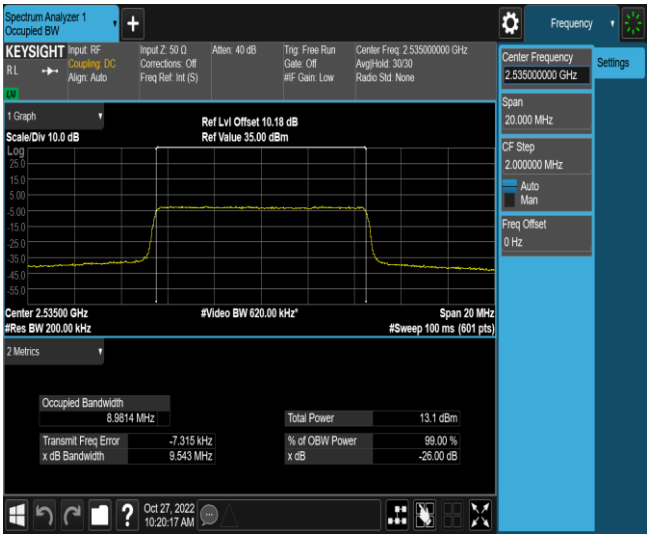


Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



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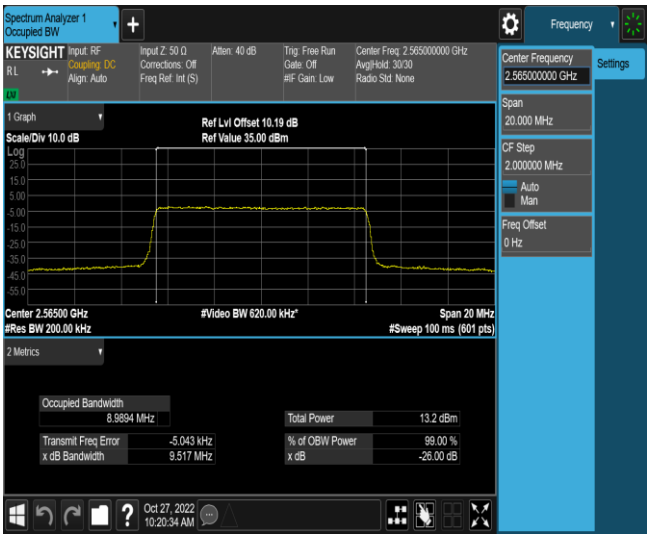

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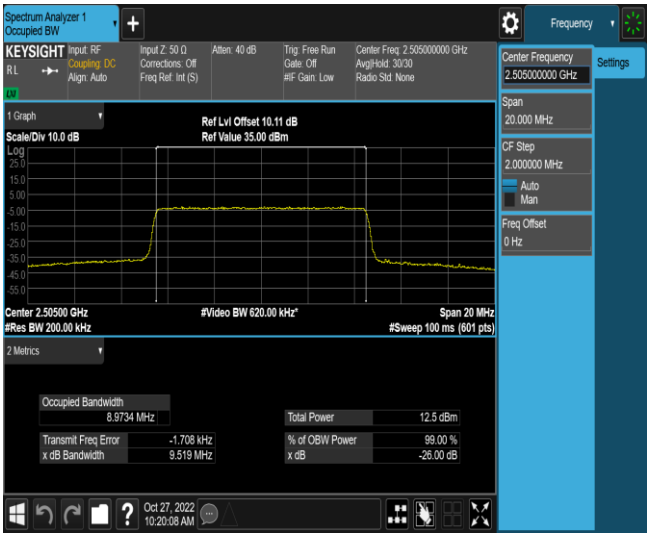

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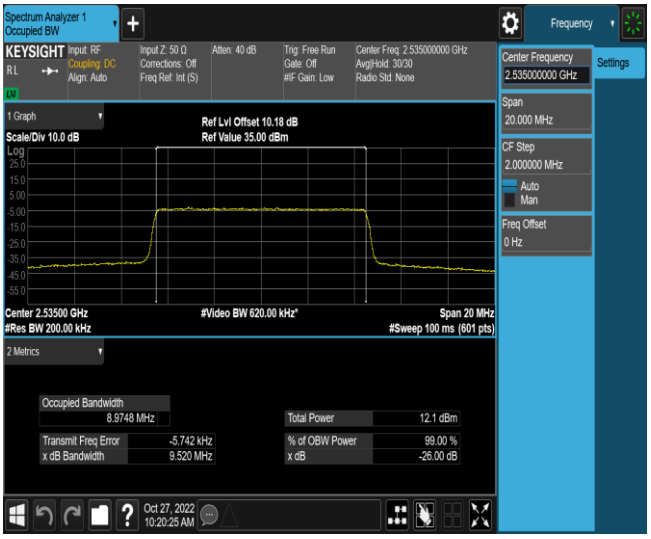

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