Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)		Verdict
				QPSK	16QAM	
Band4	1.4MHz	19957	1RB#0	22.89	21.41	PASS
Band4	1.4MHz	19957	1RB#2	23.25	21.92	PASS
Band4	1.4MHz	19957	1RB#5	23.51	22.45	PASS
Band4	1.4MHz	19957	3RB#0	22.66	21.33	PASS
Band4	1.4MHz	19957	3RB#1	22.99	21.97	PASS
Band4	1.4MHz	19957	3RB#3	24.33	23.14	PASS
Band4	1.4MHz	19957	6RB#0	23.35	22.35	PASS
Band4	1.4MHz	20175	1RB#0	24.19	23.19	PASS
Band4	1.4MHz	20175	1RB#2	22.63	21.62	PASS
Band4	1.4MHz	20175	1RB#5	22.90	21.49	PASS
Band4	1.4MHz	20175	3RB#0	22.93	21.72	PASS
Band4	1.4MHz	20175	3RB#1	24.28	22.90	PASS
Band4	1.4MHz	20175	3RB#3	23.77	22.55	PASS
Band4	1.4MHz	20175	6RB#0	23.62	22.23	PASS
Band4	1.4MHz	20393	1RB#0	23.35	22.29	PASS
Band4	1.4MHz	20393	1RB#2	23.12	21.70	PASS
Band4	1.4MHz	20393	1RB#5	23.88	22.41	PASS
Band4	1.4MHz	20393	3RB#0	22.98	21.85	PASS
Band4	1.4MHz	20393	3RB#1	23.83	22.79	PASS
Band4	1.4MHz	20393	3RB#3	23.02	21.86	PASS
Band4	1.4MHz	20393	6RB#0	23.71	22.37	PASS
Band4	3MHz	19965	1RB#0	23.87	22.80	PASS
Band4	3MHz	19965	1RB#8	24.19	22.71	PASS
Band4	3MHz	19965	1RB#14	22.70	21.53	PASS
Band4	3MHz	19965	8RB#0	23.41	22.05	PASS
Band4	3MHz	19965	8RB#4	24.10	22.85	PASS
Band4	3MHz	19965	8RB#7	23.86	22.56	PASS
Band4	3MHz	19965	15RB#0	22.96	21.46	PASS
Band4	3MHz	20175	1RB#0	24.38	23.02	PASS
Band4	3MHz	20175	1RB#8	24.39	22.97	PASS
Band4	3MHz	20175	1RB#14	22.64	21.61	PASS
Band4	3MHz	20175	8RB#0	23.22	21.75	PASS
Band4	3MHz	20175	8RB#4	24.23	22.96	PASS
Band4	3MHz	20175	8RB#7	24.14	22.73	PASS
Band4	3MHz	20175	15RB#0	22.96	21.62	PASS
Band4	3MHz	20385	1RB#0	23.37	22.08	PASS
Band4	3MHz	20385	1RB#8	23.30	22.26	PASS

Band4	3MHz	20385	1RB#14	23.69	22.65	PASS
Band4	3MHz	20385	8RB#0	23.87	22.81	PASS
Band4	3MHz	20385	8RB#4	22.80	21.65	PASS
Band4	3MHz	20385	8RB#7	24.08	22.97	PASS
Band4	3MHz	20385	15RB#0	22.77	21.27	PASS
Band4	5MHz	19975	1RB#0	23.77	22.30	PASS
Band4	5MHz	19975	1RB#12	24.30	23.21	PASS
Band4	5MHz	19975	1RB#24	23.08	21.99	PASS
Band4	5MHz	19975	12RB#0	24.04	22.82	PASS
Band4	5MHz	19975	12RB#6	23.21	22.18	PASS
Band4	5MHz	19975	12RB#13	24.34	22.97	PASS
Band4	5MHz	19975	25RB#0	24.01	22.63	PASS
Band4	5MHz	20175	1RB#0	23.05	21.71	PASS
Band4	5MHz	20175	1RB#12	23.11	21.93	PASS
Band4	5MHz	20175	1RB#24	22.94	21.55	PASS
Band4	5MHz	20175	12RB#0	22.64	21.29	PASS
Band4	5MHz	20175	12RB#6	**24.44**	22.95	PASS
Band4	5MHz	20175	12RB#13	23.72	22.69	PASS
Band4	5MHz	20175	25RB#0	23.28	21.95	PASS
Band4	5MHz	20375	1RB#0	23.60	22.44	PASS
Band4	5MHz	20375	1RB#12	24.03	22.78	PASS
Band4	5MHz	20375	1RB#24	23.58	22.56	PASS
Band4	5MHz	20375	12RB#0	24.18	23.12	PASS
Band4	5MHz	20375	12RB#6	23.04	21.98	PASS
Band4	5MHz	20375	12RB#13	23.23	22.12	PASS
Band4	5MHz	20375	25RB#0	24.39	**23.30**	PASS
Band4	10MHz	20000	1RB#0	23.16	22.05	PASS
Band4	10MHz	20000	1RB#24	24.43	23.23	PASS
Band4	10MHz	20000	1RB#49	24.26	22.85	PASS
Band4	10MHz	20000	25RB#0	24.26	22.79	PASS
Band4	10MHz	20000	25RB#12	24.33	22.99	PASS
Band4	10MHz	20000	25RB#25	23.35	22.21	PASS
Band4	10MHz	20000	50RB#0	23.72	22.28	PASS
Band4	10MHz	20175	1RB#0	23.40	21.96	PASS
Band4	10MHz	20175	1RB#24	23.62	22.20	PASS
Band4	10MHz	20175	1RB#49	22.65	21.56	PASS
Band4	10MHz	20175	25RB#0	24.23	22.84	PASS
Band4	10MHz	20175	25RB#12	24.28	22.94	PASS
Band4	10MHz	20175	25RB#25	22.84	21.36	PASS
Band4	10MHz	20175	50RB#0	23.52	22.25	PASS
Band4	10MHz	20350	1RB#0	22.95	21.88	PASS
Band4	10MHz	20350	1RB#24	22.60	21.19	PASS
Band4	10MHz	20350	1RB#49	23.33	21.84	PASS

Band4	10MHz	20350	25RB#0	23.53	22.33	PASS
Band4	10MHz	20350	25RB#12	24.06	22.91	PASS
Band4	10MHz	20350	25RB#25	23.91	22.74	PASS
Band4	10MHz	20350	50RB#0	23.33	22.09	PASS
Band4	15MHz	20025	1RB#0	23.37	22.05	PASS
Band4	15MHz	20025	1RB#38	23.88	22.87	PASS
Band4	15MHz	20025	1RB#74	23.03	22.01	PASS
Band4	15MHz	20025	38RB#0	23.65	22.25	PASS
Band4	15MHz	20025	38RB#18	24.20	22.86	PASS
Band4	15MHz	20025	38RB#37	23.04	21.54	PASS
Band4	15MHz	20025	75RB#0	24.20	23.18	PASS
Band4	15MHz	20175	1RB#0	22.66	21.21	PASS
Band4	15MHz	20175	1RB#38	24.15	22.68	PASS
Band4	15MHz	20175	1RB#74	23.56	22.25	PASS
Band4	15MHz	20175	38RB#0	22.82	21.76	PASS
Band4	15MHz	20175	38RB#18	23.34	22.30	PASS
Band4	15MHz	20175	38RB#37	22.73	21.68	PASS
Band4	15MHz	20175	75RB#0	22.86	21.64	PASS
Band4	15MHz	20325	1RB#0	22.75	21.43	PASS
Band4	15MHz	20325	1RB#38	22.97	21.82	PASS
Band4	15MHz	20325	1RB#74	24.31	23.17	PASS
Band4	15MHz	20325	38RB#0	22.54	21.35	PASS
Band4	15MHz	20325	38RB#18	22.97	21.90	PASS
Band4	15MHz	20325	38RB#37	22.98	21.59	PASS
Band4	15MHz	20325	75RB#0	24.43	22.98	PASS
Band4	20MHz	20050	1RB#0	23.41	22.26	PASS
Band4	20MHz	20050	1RB#49	22.95	21.60	PASS
Band4	20MHz	20050	1RB#99	22.55	21.07	PASS
Band4	20MHz	20050	50RB#0	23.77	22.31	PASS
Band4	20MHz	20050	50RB#25	23.90	22.61	PASS
Band4	20MHz	20050	50RB#50	24.16	22.83	PASS
Band4	20MHz	20050	100RB#0	23.80	22.41	PASS
Band4	20MHz	20175	1RB#0	24.02	23.02	PASS
Band4	20MHz	20175	1RB#49	23.50	22.46	PASS
Band4	20MHz	20175	1RB#99	22.97	21.91	PASS
Band4	20MHz	20175	50RB#0	22.86	21.39	PASS
Band4	20MHz	20175	50RB#25	23.35	21.87	PASS
Band4	20MHz	20175	50RB#50	23.69	22.41	PASS
Band4	20MHz	20175	100RB#0	24.13	22.87	PASS
Band4	20MHz	20300	1RB#0	23.82	22.53	PASS
Band4	20MHz	20300	1RB#49	22.83	21.36	PASS
Band4	20MHz	20300	1RB#99	23.45	22.36	PASS
Band4	20MHz	20300	50RB#0	23.53	22.42	PASS

Band4	20MHz	20300	50RB#25	24.09	22.85	PASS
Band4	20MHz	20300	50RB#50	24.21	22.98	PASS
Band4	20MHz	20300	100RB#0	22.83	21.35	PASS

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

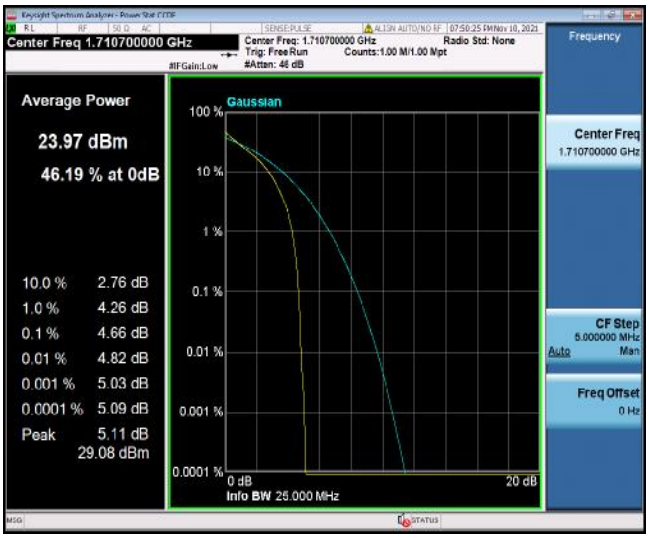
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.11	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.66	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.35	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.87	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.54	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.20	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.63	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.33	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.76	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.59	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.10	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.06	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.78	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.63	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.09	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.68	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.29	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.02	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.72	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.61	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.01	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.70	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.20	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.03	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.71	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.33	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.87	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.63	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.19	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.01	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.65	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.21	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.79	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.54	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.10	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.89	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.85	13	PASS

Band4	10MHz	QPSK	20175	1RB#0	4.40	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.80	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.45	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.19	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.00	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.74	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.49	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.42	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.10	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.13	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.27	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.25	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.28	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.00	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.08	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.50	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.08	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.14	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.11	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.28	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.21	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.58	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.09	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.35	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.10	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.24	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.08	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.48	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.95	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.09	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.99	13	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0

Band4-1.4MHz-QPSK-19957-6RB#0


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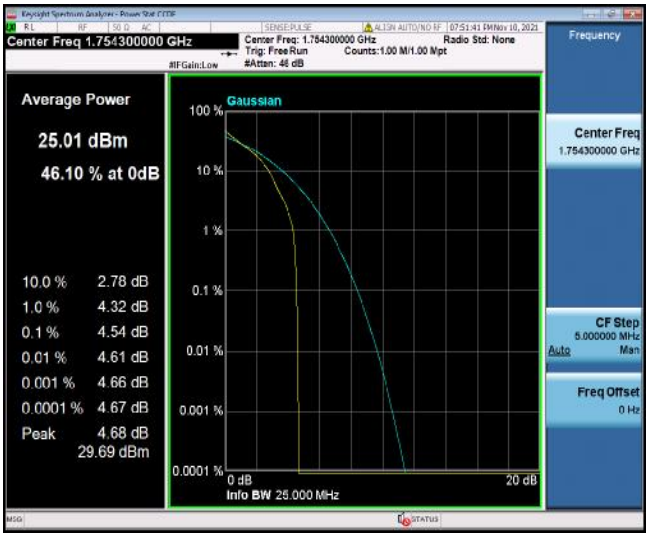
Band4-1.4MHz-QPSK-20393-1RB#0



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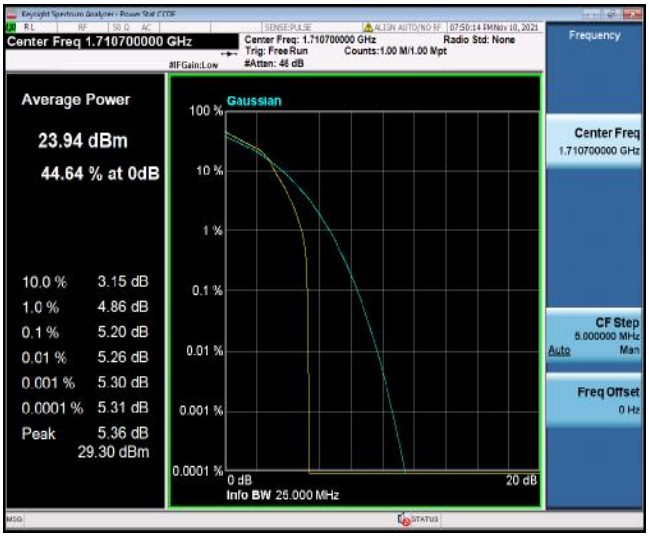
Band4-1.4MHz-16QAM-19957-1RB#0



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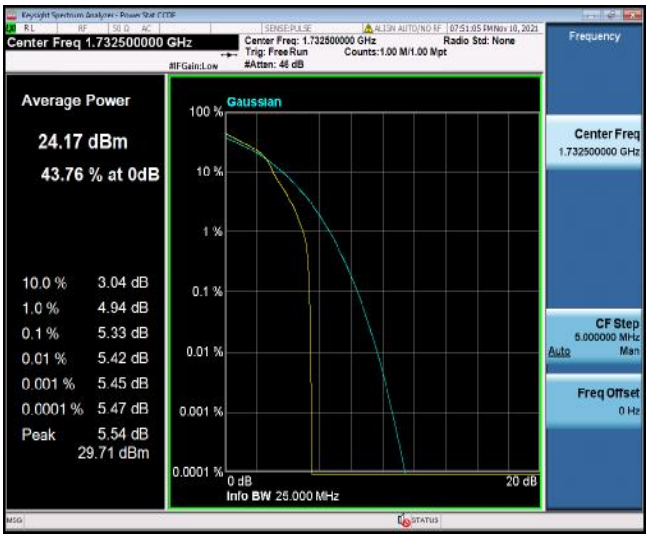

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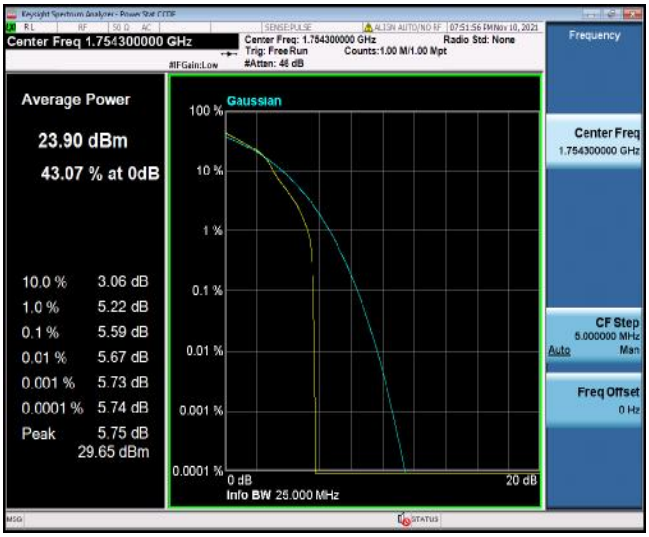

Band4-1.4MHz-16QAM-20393-6RB#0

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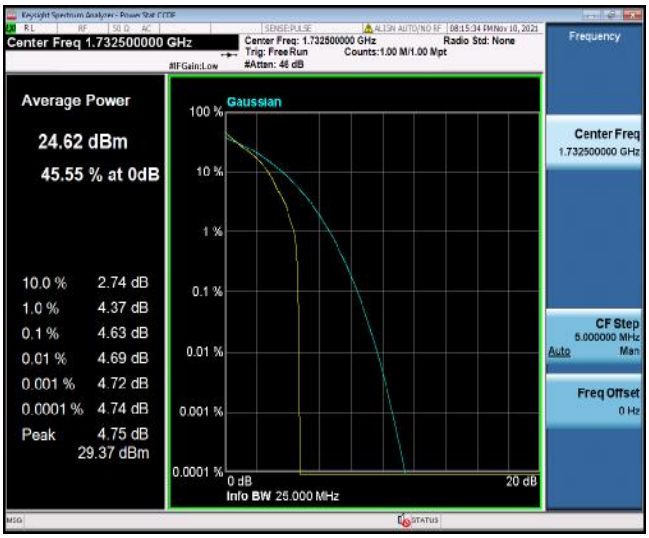
Band4-3MHz-QPSK-19965-15RB#0

Band4-3MHz-QPSK-20175-1RB#0



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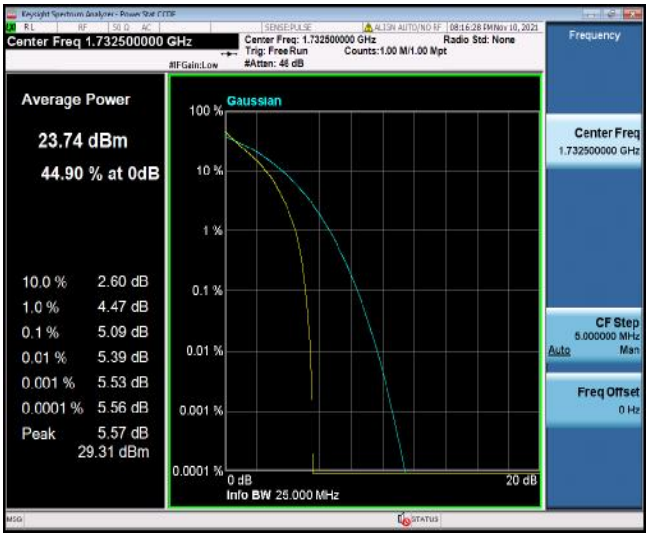

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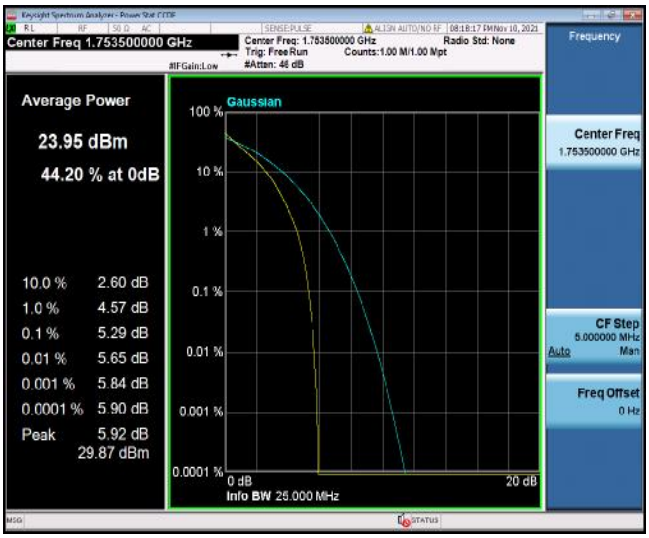
Band4-3MHz-QPSK-20385-15RB#0



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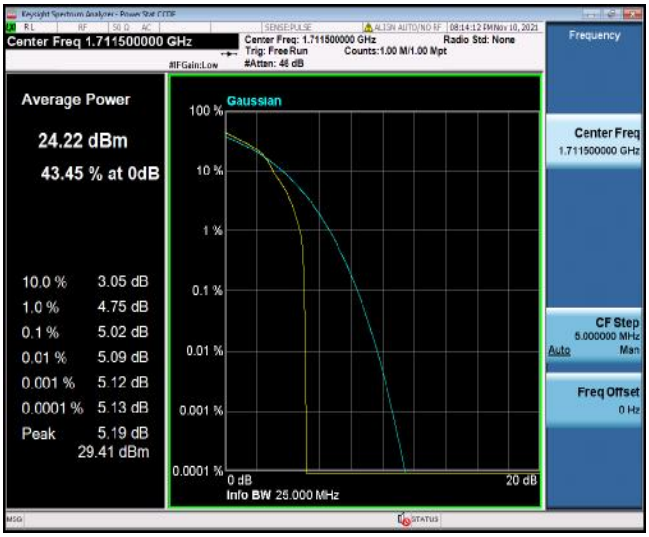

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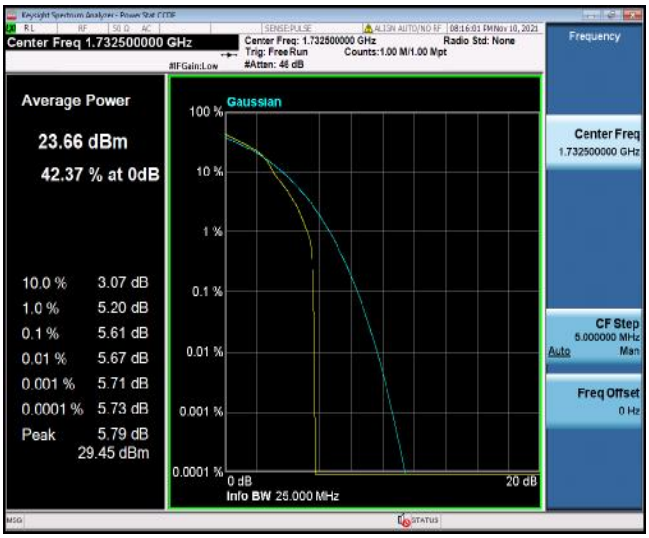

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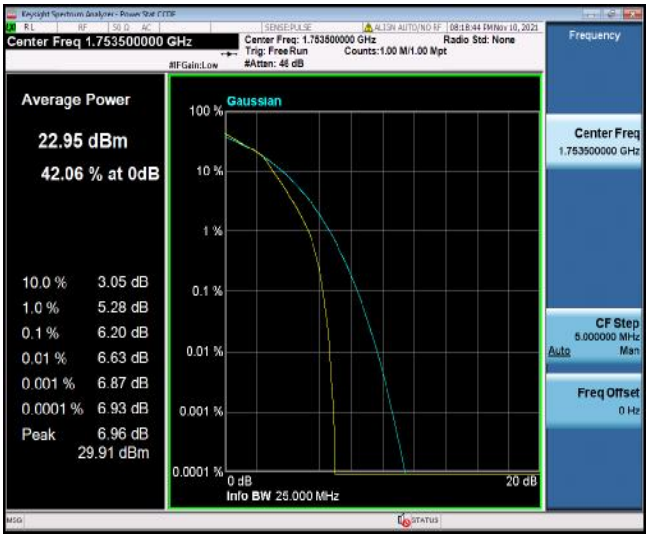

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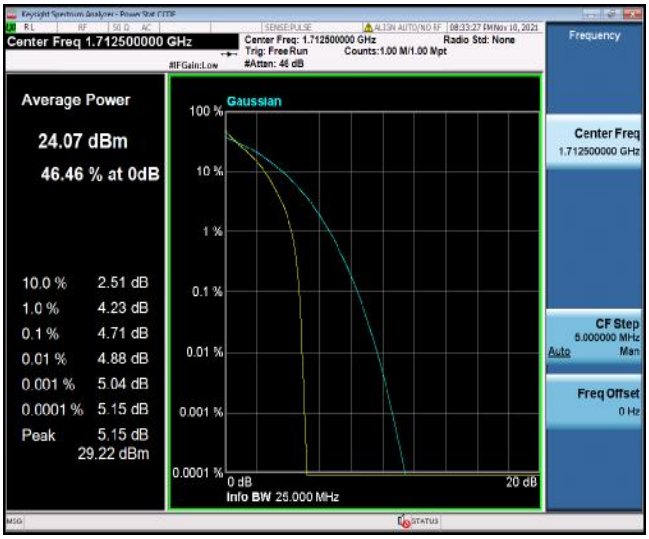
Band4-5MHz-QPSK-19975-25RB#0



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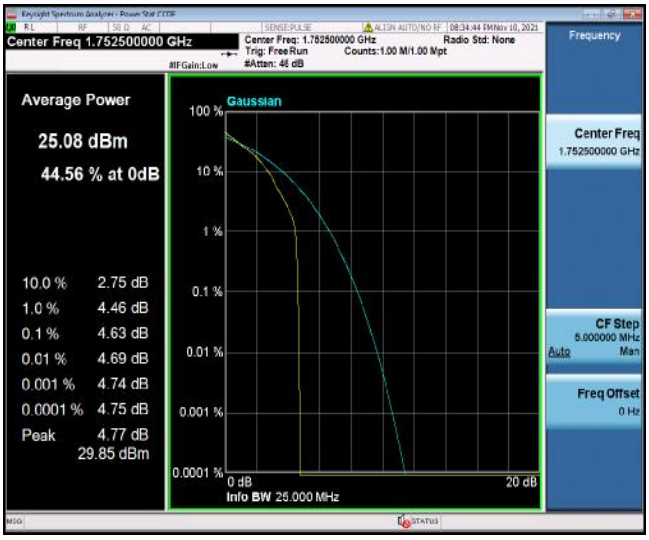
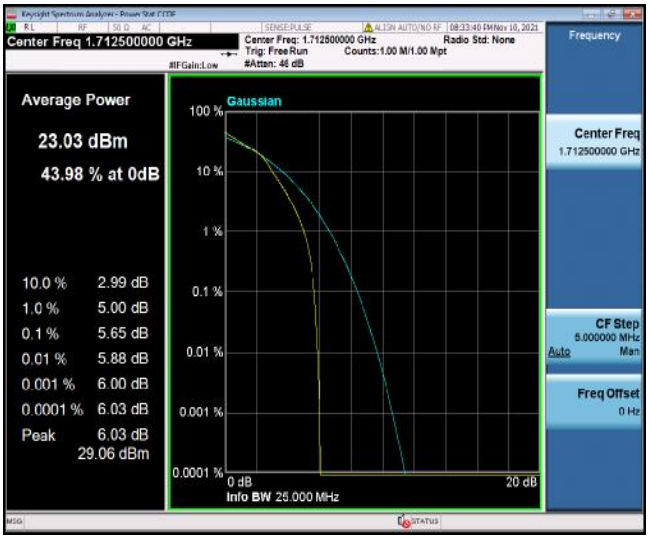
Band4-5MHz-QPSK-20375-1RB#0



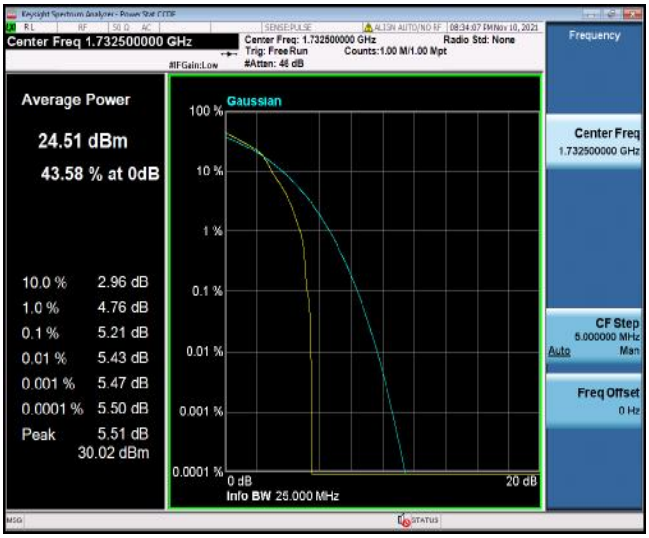
Band4-5MHz-QPSK-20375-25RB#0

Band4-5MHz-16QAM-19975-1RB#0

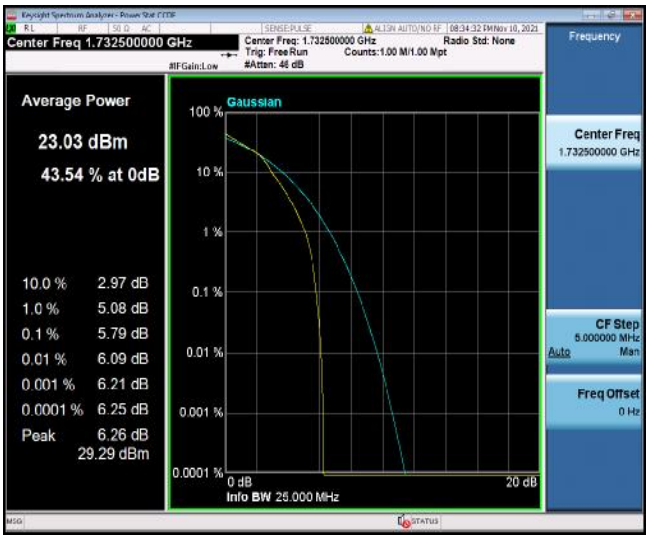
Band4-5MHz-16QAM-19975-25RB#0



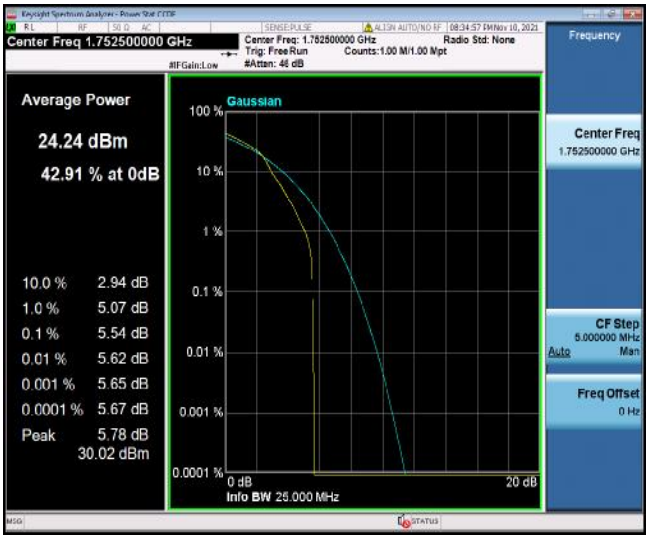
Band4-5MHz-16QAM-20175-1RB#0



Band4-5MHz-16QAM-20175-25RB#0



Band4-5MHz-16QAM-20375-1RB#0

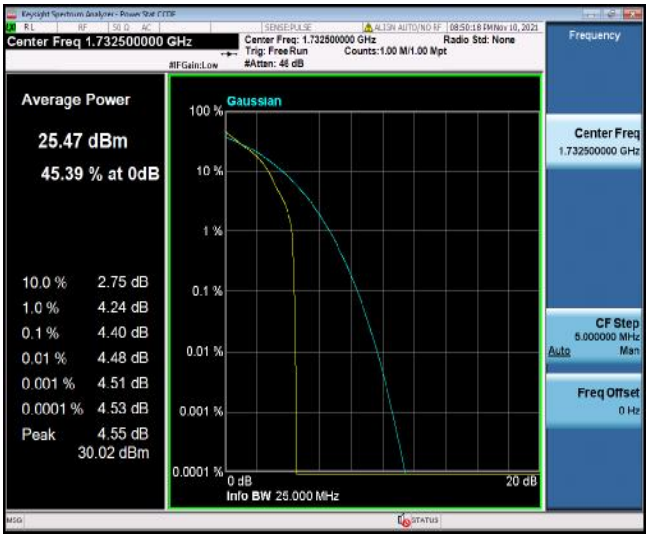


Band4-5MHz-16QAM-20375-25RB#0

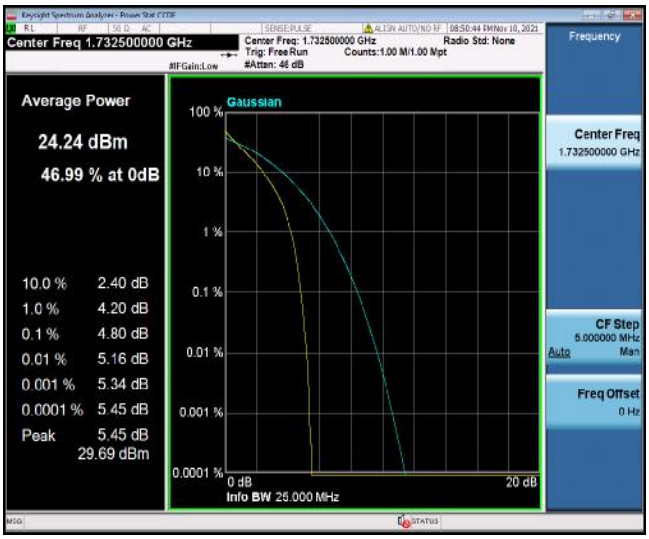
Band4-10MHz-QPSK-20000-1RB#0

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20175-1RB#0



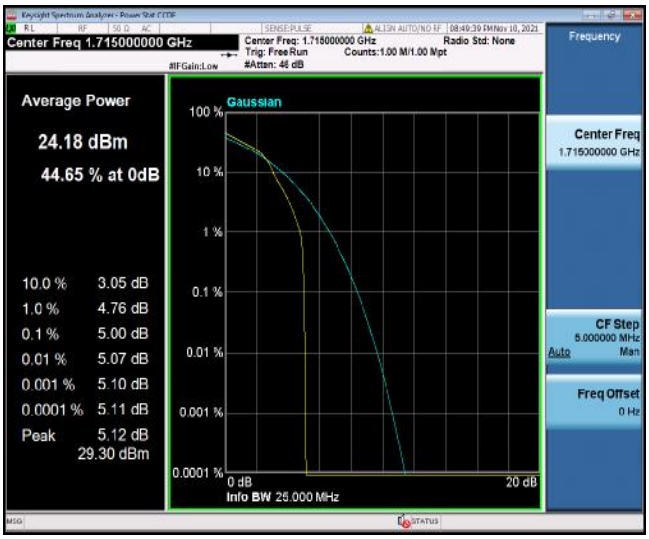
Band4-10MHz-QPSK-20175-50RB#0



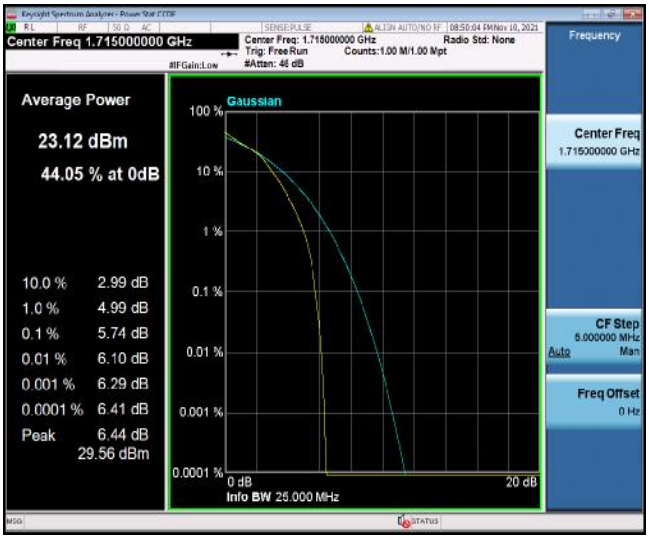
Band4-10MHz-QPSK-20350-1RB#0

Band4-10MHz-QPSK-20350-50RB#0

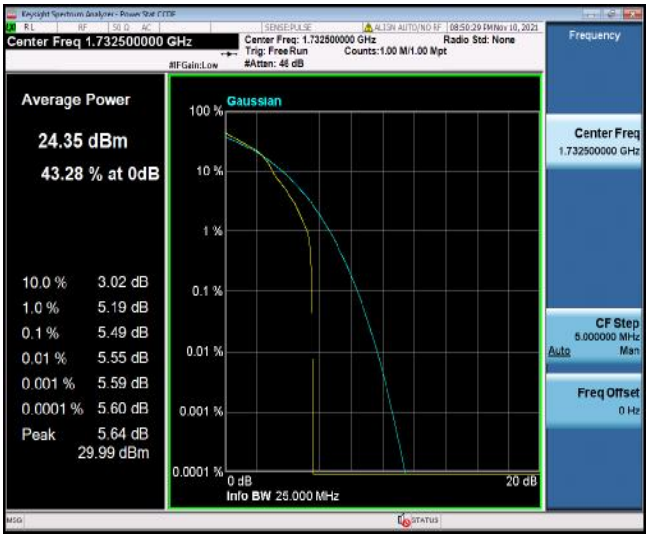
Band4-10MHz-16QAM-20000-1RB#0



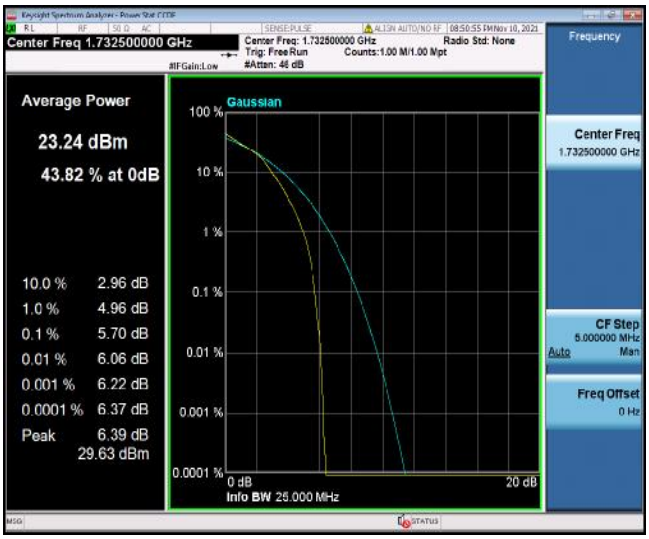
Band4-10MHz-16QAM-20000-50RB#0



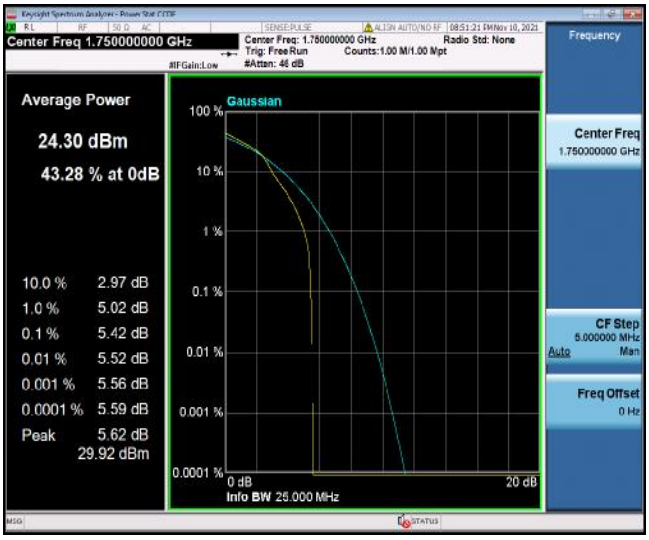
Band4-10MHz-16QAM-20175-1RB#0



Band4-10MHz-16QAM-20175-50RB#0



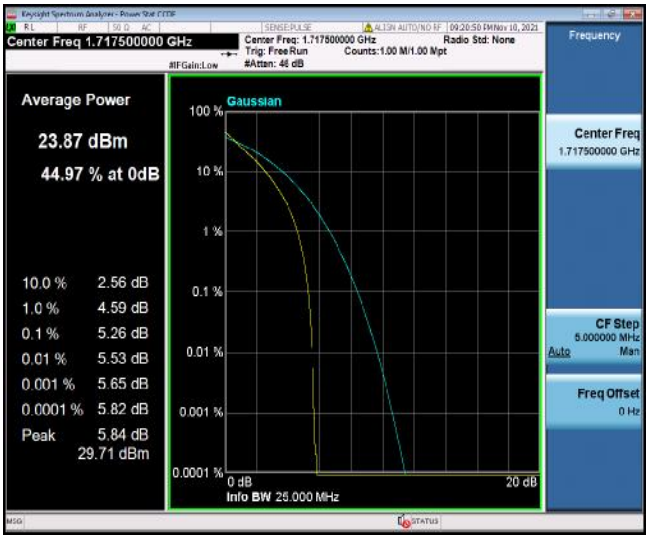
Band4-10MHz-16QAM-20350-1RB#0



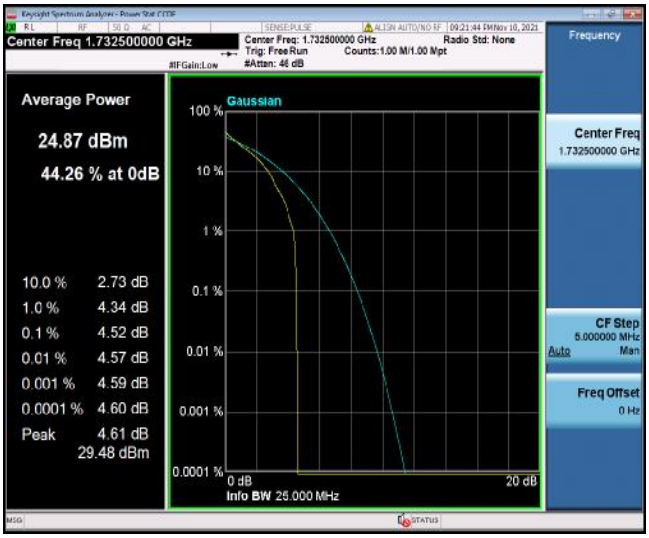
Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-1RB#0

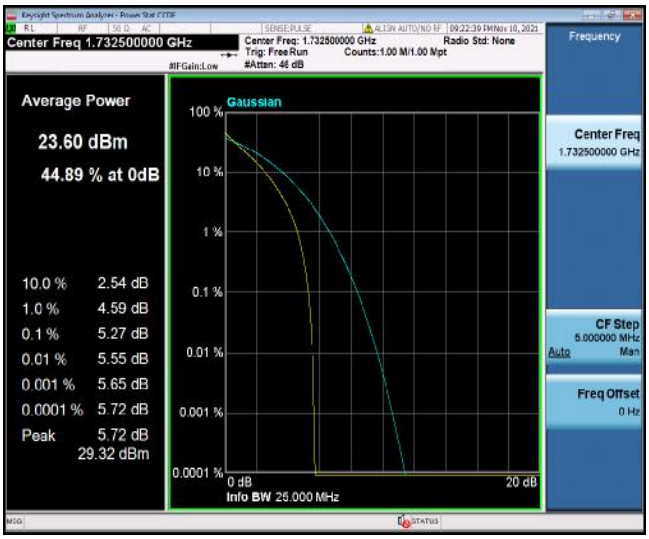
Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-1RB#0

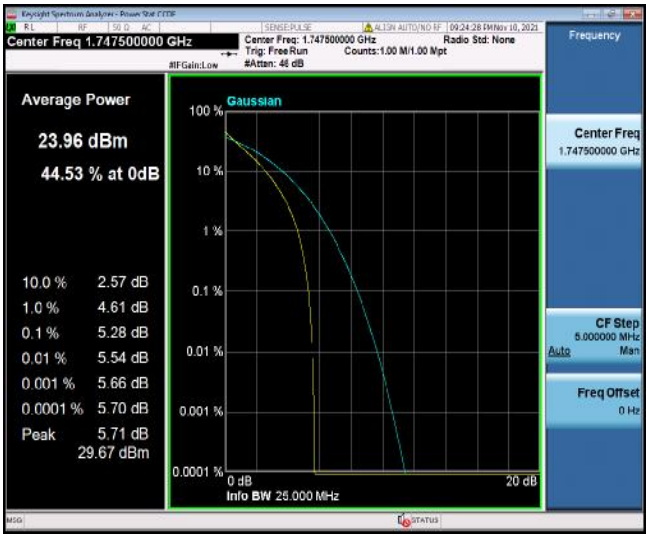


Band4-15MHz-QPSK-20175-75RB#0



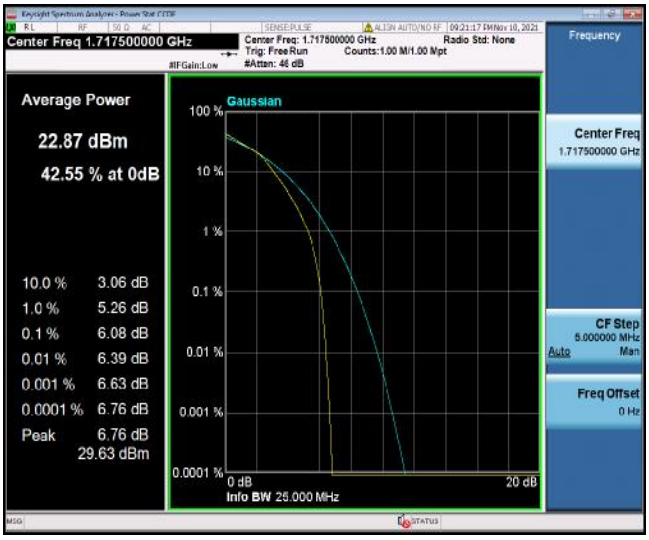
Band4-15MHz-QPSK-20325-1RB#0

Band4-15MHz-QPSK-20325-75RB#0

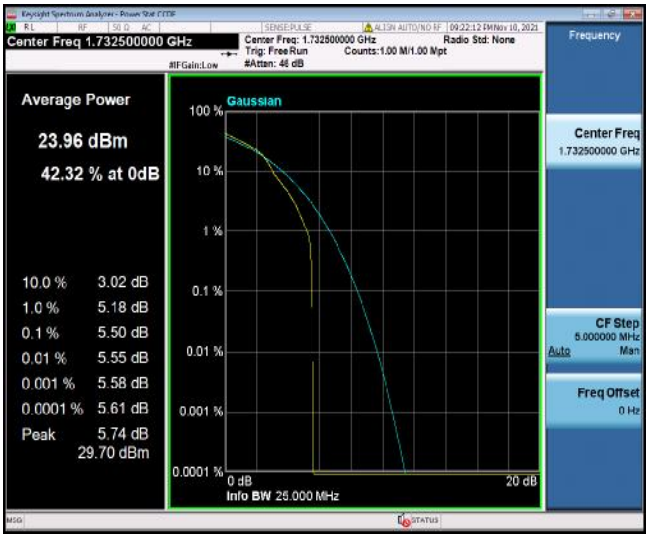


Band4-15MHz-16QAM-20025-1RB#0

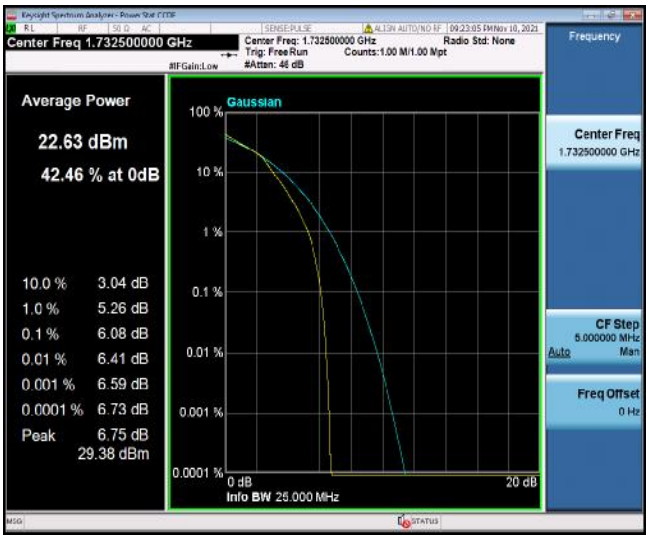
Band4-15MHz-16QAM-20025-75RB#0



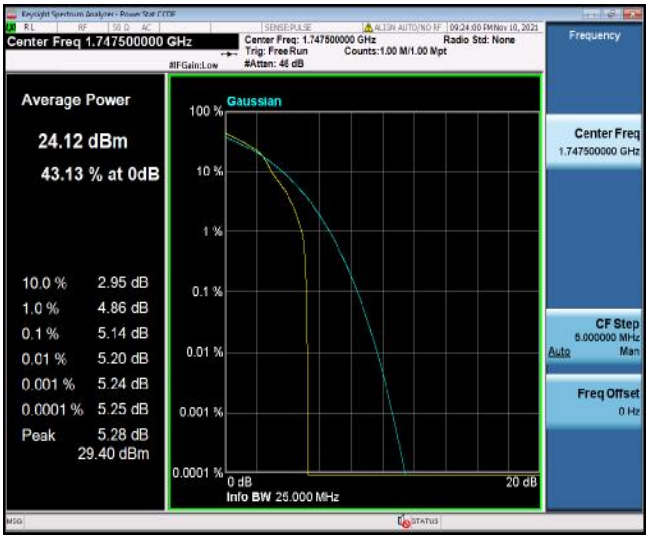
Band4-15MHz-16QAM-20175-1RB#0



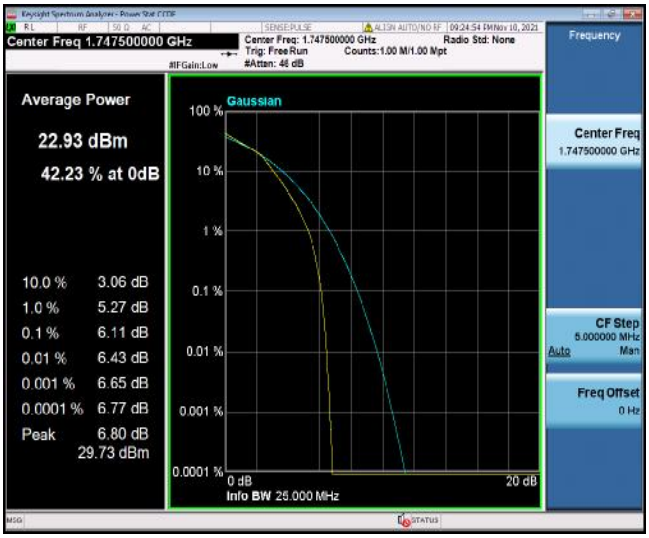
Band4-15MHz-16QAM-20175-75RB#0



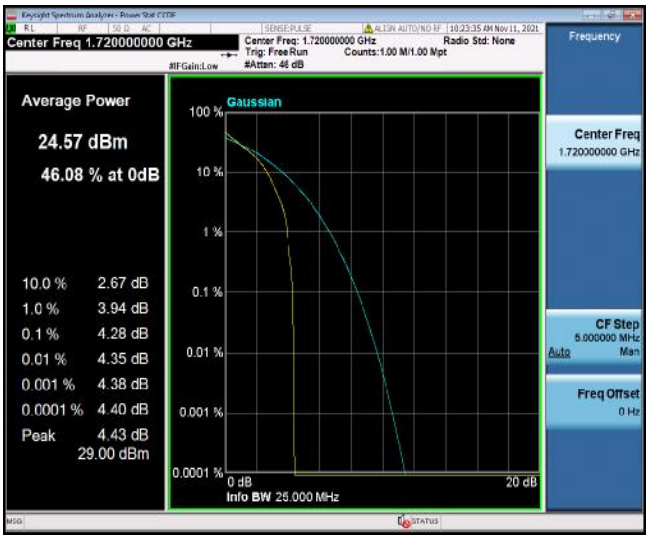
Band4-15MHz-16QAM-20325-1RB#0



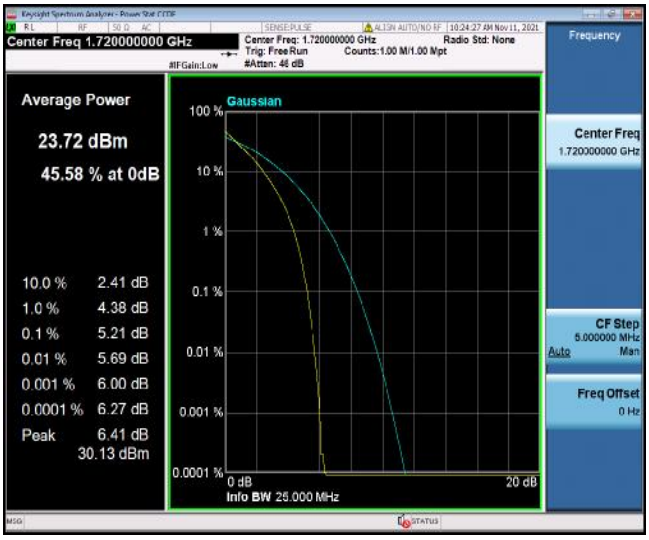
Band4-15MHz-16QAM-20325-75RB#0



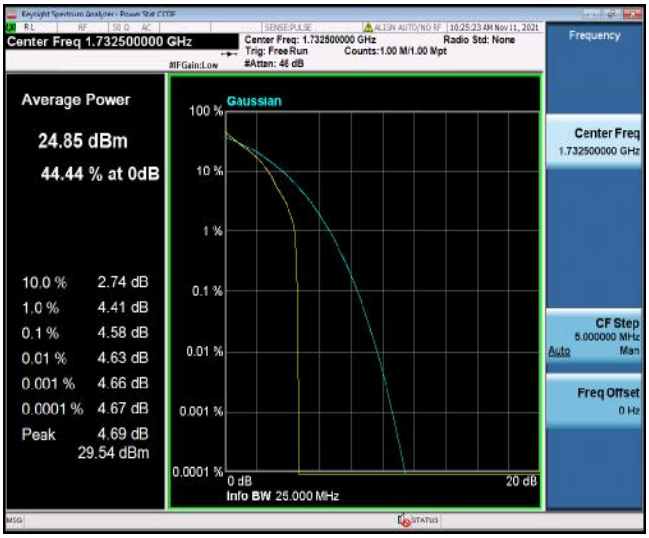
Band4-20MHz-QPSK-20050-1RB#0



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

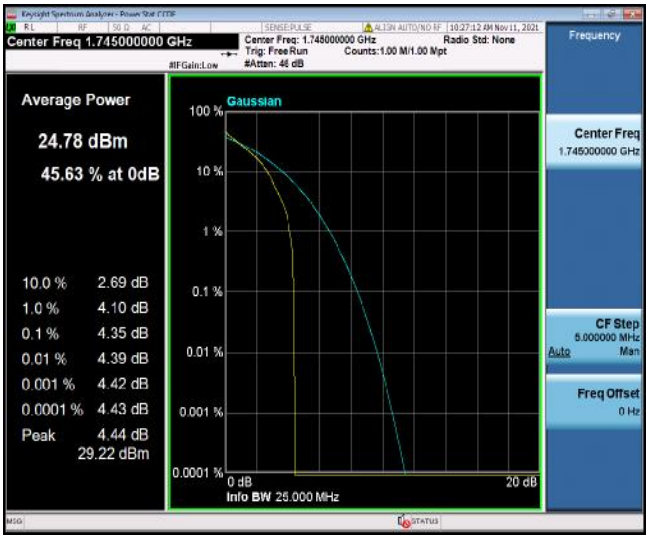


Band4-20MHz-QPSK-20175-1RB#0



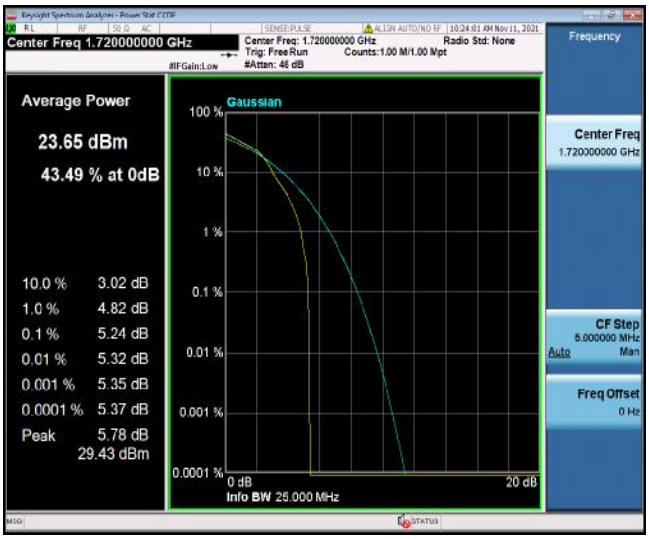
Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-QPSK-20300-1RB#0

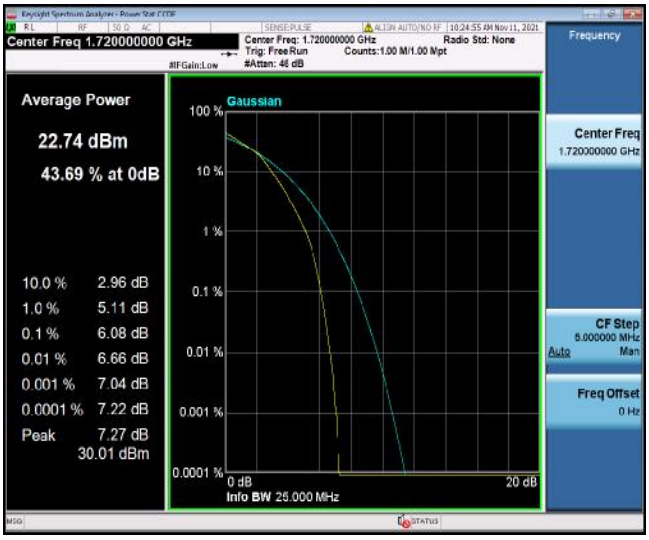


Band4-20MHz-QPSK-20300-100RB#0

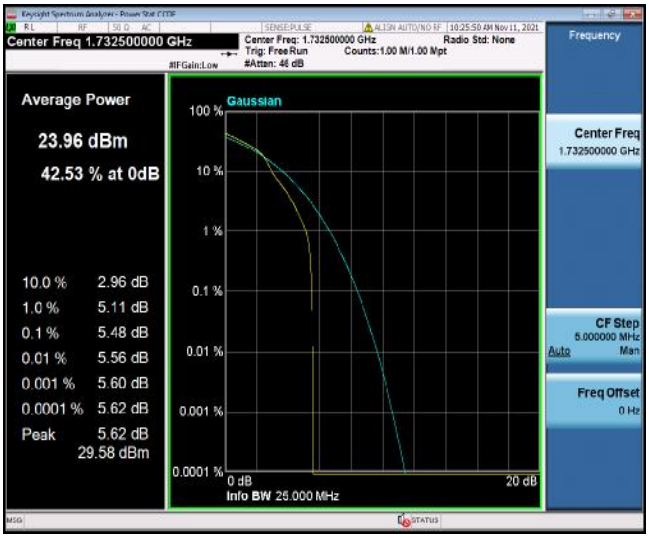
Band4-20MHz-16QAM-20050-1RB#0



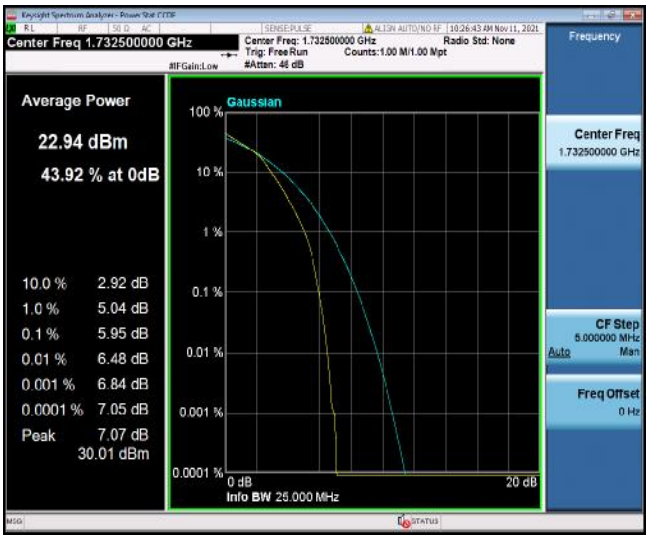
Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-1RB#0



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



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

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

Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#Atten: 46 dB
Radio Std: None
Frequency
Average Power
23.02 dBm
43.67 % at 0dB
10.0 % 2.95 dB
1.0 % 5.06 dB
0.1 % 5.99 dB
0.01 % 6.54 dB
0.001 % 6.93 dB
0.0001 % 7.13 dB
Peak 7.15 dB
30.17 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
1.745000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

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	1.0975	1.097	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0960	1.096	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0940	1.094	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1018	1.102	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1009	1.101	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1014	1.101	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6990	2.699	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7092	2.709	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7114	2.711	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6872	2.687	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6949	2.695	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6973	2.697	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5105	4.510	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5088	4.509	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5004	4.500	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5036	4.504	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5077	4.508	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5118	4.512	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9882	8.988	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9828	8.983	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0005	9.001	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9659	8.966	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9737	8.974	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0007	9.001	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.492	13.49	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.479	13.48	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.496	13.50	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.466	13.47	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.466	13.47	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	13.48	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.954	17.95	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	17.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.951	17.95	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.936	17.94	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.945	17.94	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.900	17.90	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0-1.0975
Band4-1.4MHz-QPSK-20175-6RB#0-1.0960
Band4-1.4MHz-QPSK-20393-6RB#0-1.0940

Band4-1.4MHz-16QAM-19957-6RB#0-1.1018

Band4-1.4MHz-16QAM-20175-6RB#0-1.1009

Band4-1.4MHz-16QAM-20393-6RB#0-1.1014

Band4-3MHz-QPSK-19965-15RB#0-2.6990

Band4-3MHz-QPSK-20175-15RB#0-2.7092

Band4-3MHz-QPSK-20385-15RB#0-2.7114

Band4-3MHz-16QAM-19965-15RB#0-2.6872

Band4-3MHz-16QAM-20175-15RB#0-2.6949

Band4-3MHz-16QAM-20385-15RB#0-2.6973

Band4-5MHz-QPSK-19975-25RB#0-4.5105

Band4-5MHz-QPSK-20175-25RB#0-4.5088

Band4-5MHz-QPSK-20375-25RB#0-4.5004

Band4-5MHz-16QAM-19975-25RB#0-4.5036

Band4-5MHz-16QAM-20175-25RB#0-4.5077

Band4-5MHz-16QAM-20375-25RB#0-4.5118

Band4-10MHz-QPSK-20000-50RB#0-8.9882

Band4-10MHz-QPSK-20175-50RB#0-8.9828

Band4-10MHz-QPSK-20350-50RB#0-9.0005

Band4-10MHz-16QAM-20000-50RB#0-8.9659

Band4-10MHz-16QAM-20175-50RB#0-8.9737

Band4-10MHz-16QAM-20350-50RB#0-9.0007

Band4-15MHz-QPSK-20025-75RB#0-13.492

Band4-15MHz-QPSK-20175-75RB#0-13.479

Band4-15MHz-QPSK-20325-75RB#0-13.496

Band4-15MHz-16QAM-20025-75RB#0-13.466

Band4-15MHz-16QAM-20175-75RB#0-13.466

Band4-15MHz-16QAM-20325-75RB#0-13.478

Band4-20MHz-QPSK-20050-100RB#0-17.954

Band4-20MHz-QPSK-20175-100RB#0-17.931

Band4-20MHz-QPSK-20300-100RB#0-17.951

Band4-20MHz-16QAM-20050-100RB#0-17.936

Band4-20MHz-16QAM-20175-100RB#0-17.945

Band4-20MHz-16QAM-20300-100RB#0-17.900

Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 10.08 dB
10 dB/div
Ref 30.00 dBm
Log
Mkr1 1.7374667 GHz
18.673 dBm
Center Freq
1.745000000 GHz
Center 1.745 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.900 MHz
Total Power 32.4 dBm
Transmit Freq Error -38.224 kHz
% of OBW Power 99.00 %
x dB Bandwidth 19.49 MHz
x dB -26.00 dB
Freq Offset
0 Hz

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-18.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-30.34	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-22.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-28.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.79	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-22.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-20.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-32.36	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-23.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-30.39	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-20.58	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-23.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	-15.89	PASS
Band4	3MHz	QPSK	19965	1RB#14	-37.49	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.75	PASS
Band4	3MHz	QPSK	20385	1RB#0	-40.31	PASS
Band4	3MHz	QPSK	20385	1RB#14	-16.55	PASS
Band4	3MHz	QPSK	20385	15RB#0	-22.66	PASS
Band4	3MHz	16QAM	19965	1RB#0	-17.13	PASS
Band4	3MHz	16QAM	19965	1RB#14	-38.35	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.35	PASS
Band4	3MHz	16QAM	20385	1RB#0	-40.86	PASS
Band4	3MHz	16QAM	20385	1RB#14	-16.29	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.26	PASS
Band4	5MHz	QPSK	19975	1RB#0	-15.61	PASS
Band4	5MHz	QPSK	19975	1RB#24	-48.77	PASS
Band4	5MHz	QPSK	19975	25RB#0	-22.73	PASS
Band4	5MHz	QPSK	20375	1RB#0	-48.24	PASS
Band4	5MHz	QPSK	20375	1RB#24	-14.93	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.58	PASS
Band4	5MHz	16QAM	19975	1RB#0	-16.47	PASS
Band4	5MHz	16QAM	19975	1RB#24	-49.42	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.31	PASS
Band4	5MHz	16QAM	20375	1RB#0	-49.04	PASS
Band4	5MHz	16QAM	20375	1RB#24	-16.23	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	-22.20	PASS
Band4	10MHz	QPSK	20000	1RB#49	-46.33	PASS

Band4	10MHz	QPSK	20000	50RB#0	-25.72	PASS
Band4	10MHz	QPSK	20350	1RB#0	-46.78	PASS
Band4	10MHz	QPSK	20350	1RB#49	-23.03	PASS
Band4	10MHz	QPSK	20350	50RB#0	-24.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	-22.69	PASS
Band4	10MHz	16QAM	20000	1RB#49	-46.43	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	-47.38	PASS
Band4	10MHz	16QAM	20350	1RB#49	-22.60	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.19	PASS
Band4	15MHz	QPSK	20025	1RB#0	-21.11	PASS
Band4	15MHz	QPSK	20025	1RB#74	-45.29	PASS
Band4	15MHz	QPSK	20025	75RB#0	-27.68	PASS
Band4	15MHz	QPSK	20325	1RB#0	-45.87	PASS
Band4	15MHz	QPSK	20325	1RB#74	-21.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.57	PASS
Band4	15MHz	16QAM	20025	1RB#0	-21.89	PASS
Band4	15MHz	16QAM	20025	1RB#74	-45.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.77	PASS
Band4	15MHz	16QAM	20325	1RB#0	-46.20	PASS
Band4	15MHz	16QAM	20325	1RB#74	-22.12	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.89	PASS
Band4	20MHz	QPSK	20050	1RB#0	-24.43	PASS
Band4	20MHz	QPSK	20050	1RB#99	-45.23	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.15	PASS
Band4	20MHz	QPSK	20300	1RB#0	-45.50	PASS
Band4	20MHz	QPSK	20300	1RB#99	-24.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.44	PASS
Band4	20MHz	16QAM	20050	1RB#0	-23.97	PASS
Band4	20MHz	16QAM	20050	1RB#99	-45.57	PASS
Band4	20MHz	16QAM	20050	100RB#0	-29.11	PASS
Band4	20MHz	16QAM	20300	1RB#0	-45.35	PASS
Band4	20MHz	16QAM	20300	1RB#99	-24.80	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.63	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0

Band4-1.4MHz-QPSK-19957-1RB#5

Band4-1.4MHz-QPSK-19957-6RB#0

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

Band4-1.4MHz-QPSK-20393-1RB#5

Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-1RB#0

Band4-1.4MHz-16QAM-19957-1RB#5

Band4-1.4MHz-16QAM-19957-6RB#0

Band4-1.4MHz-16QAM-20393-1RB#0

Band4-1.4MHz-16QAM-20393-1RB#5

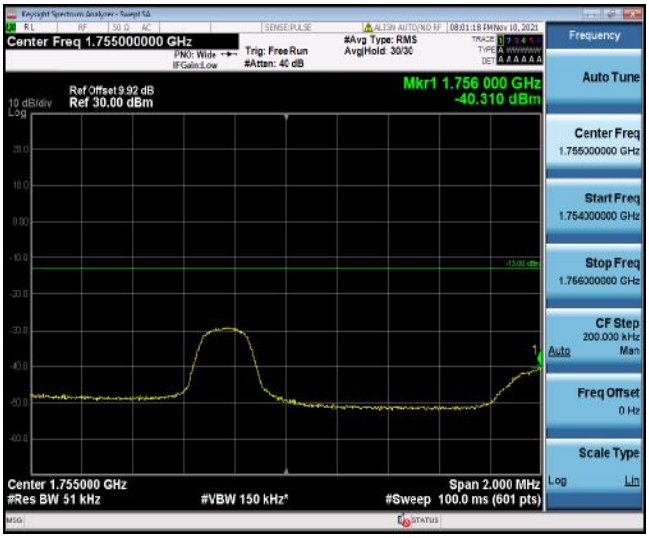
Band4-1.4MHz-16QAM-20393-6RB#0

Band4-3MHz-QPSK-19965-1RB#0

Band4-3MHz-QPSK-19965-1RB#14

Band4-3MHz-QPSK-19965-15RB#0

Band4-3MHz-QPSK-20385-1RB#0



Band4-3MHz-QPSK-20385-1RB#14

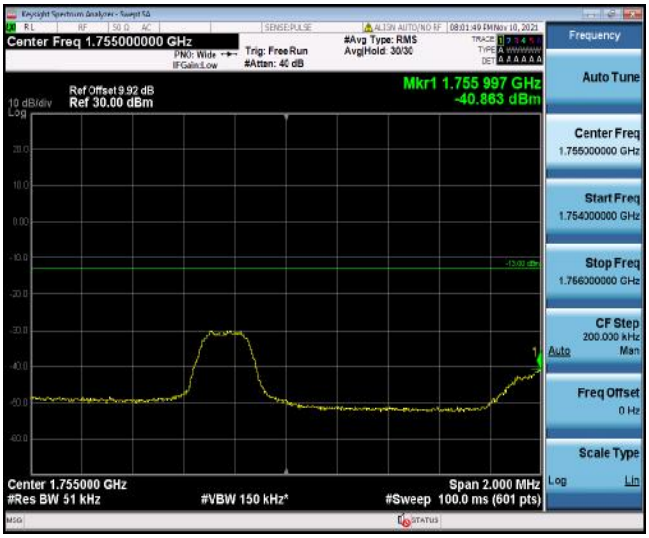
Band4-3MHz-QPSK-20385-15RB#0

Band4-3MHz-16QAM-19965-1RB#0

Band4-3MHz-16QAM-19965-1RB#14

Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20385-1RB#0



Band4-3MHz-16QAM-20385-1RB#14

Band4-3MHz-16QAM-20385-15RB#0

Band4-5MHz-QPSK-19975-1RB#0

Band4-5MHz-QPSK-19975-1RB#24

Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20375-1RB#0

Band4-5MHz-QPSK-20375-1RB#24

Band4-5MHz-QPSK-20375-25RB#0

Band4-5MHz-16QAM-19975-1RB#0

Band4-5MHz-16QAM-19975-1RB#24

Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20375-1RB#0

Band4-5MHz-16QAM-20375-1RB#24

Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-1RB#0

Band4-10MHz-QPSK-20000-1RB#49

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20350-1RB#0