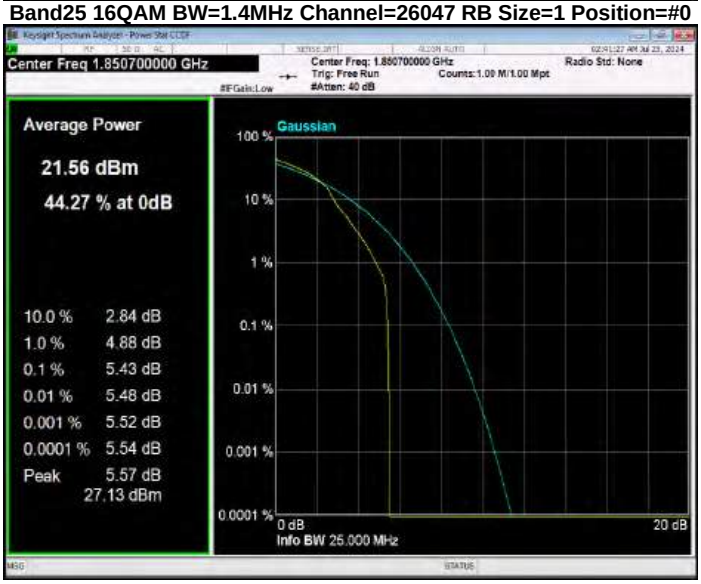
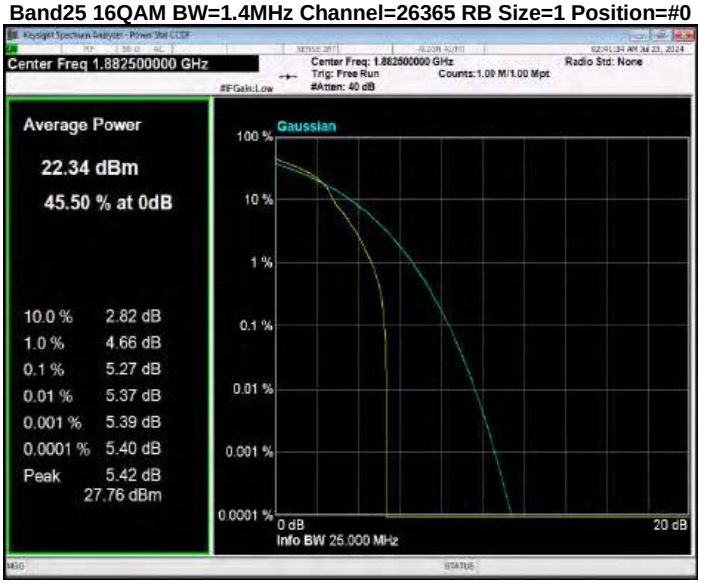
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0

Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0

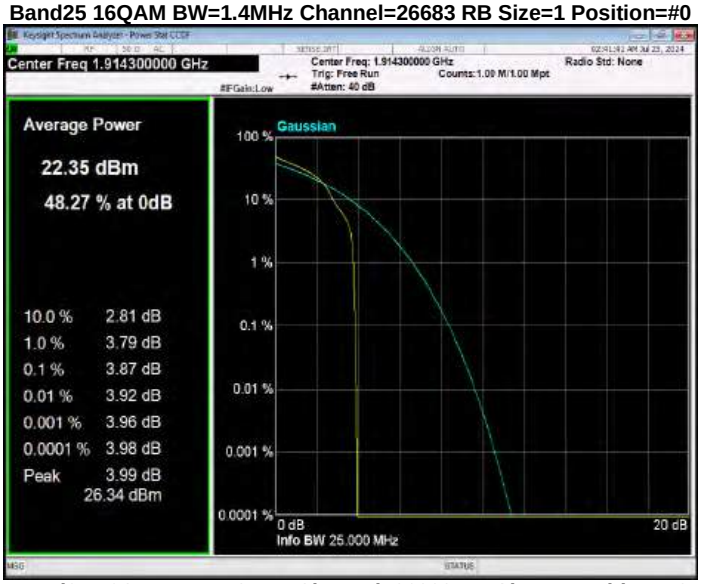
Band25 16QAM BW=1.4MHz Channel=26047 RB Size=1 Position=#0



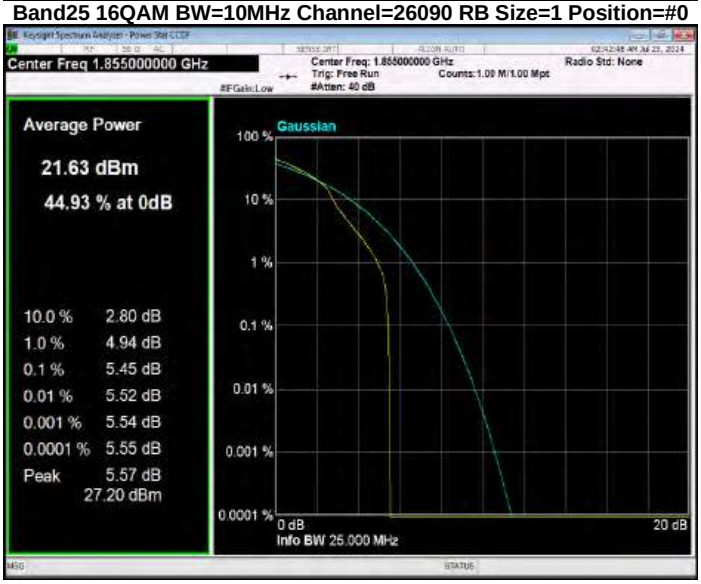
Band25 16QAM BW=1.4MHz Channel=26365 RB Size=1 Position=#0



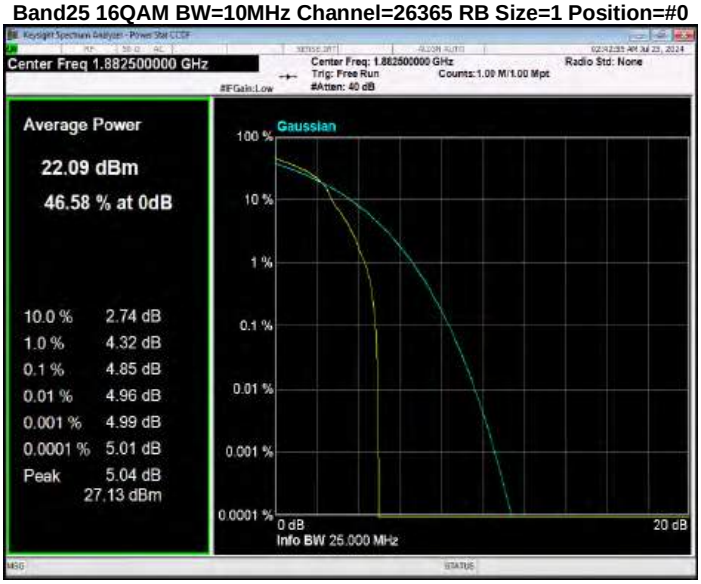
Band25 16QAM BW=1.4MHz Channel=26683 RB Size=1 Position=#0



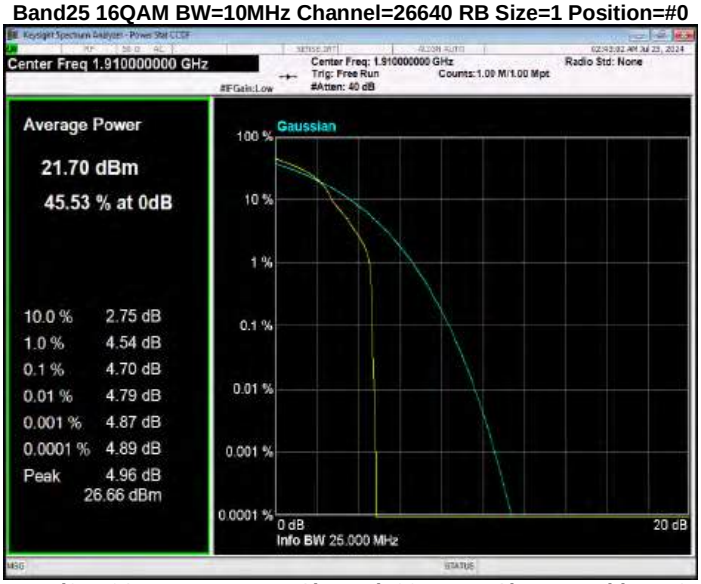
Band25 16QAM BW=10MHz Channel=26090 RB Size=1 Position=#0



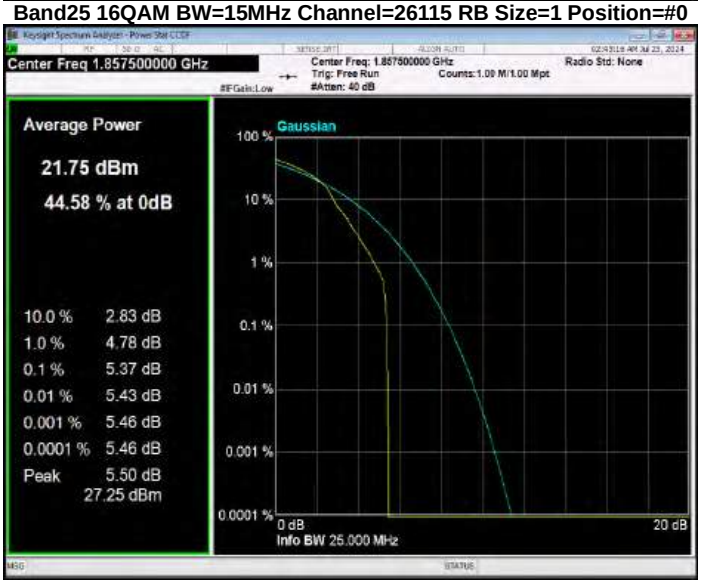
Band25 16QAM BW=10MHz Channel=26365 RB Size=1 Position=#0



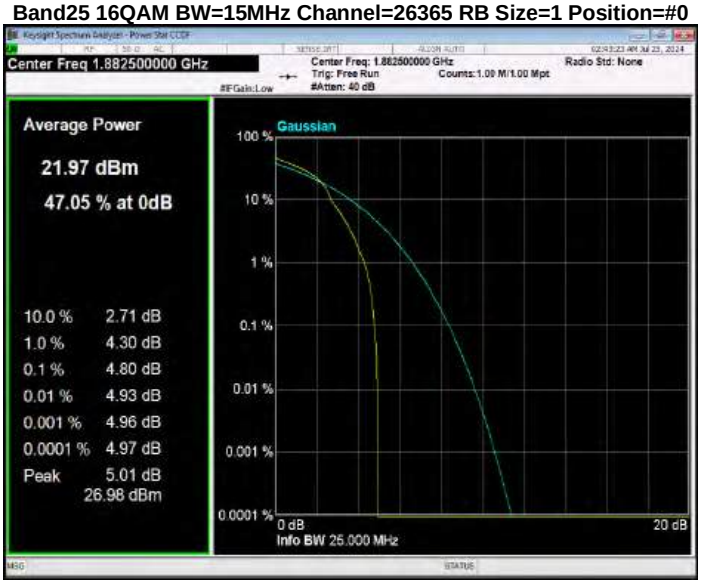
Band25 16QAM BW=10MHz Channel=26640 RB Size=1 Position=#0



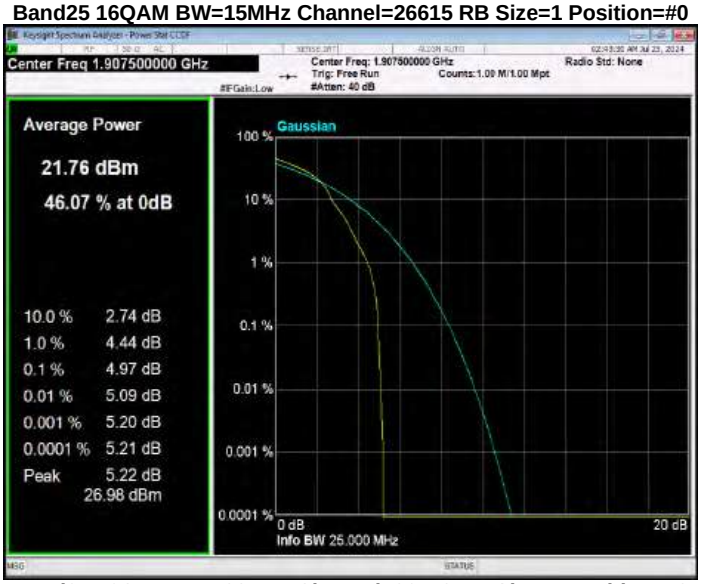
Band25 16QAM BW=15MHz Channel=26115 RB Size=1 Position=#0



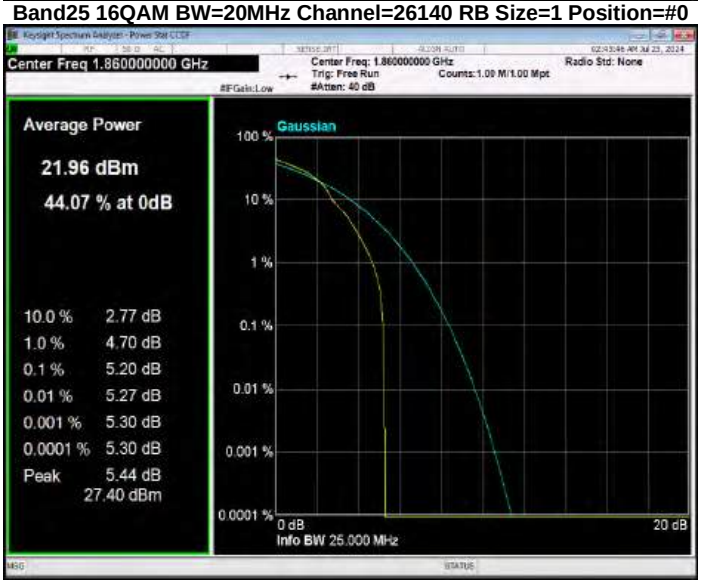
Band25 16QAM BW=15MHz Channel=26365 RB Size=1 Position=#0



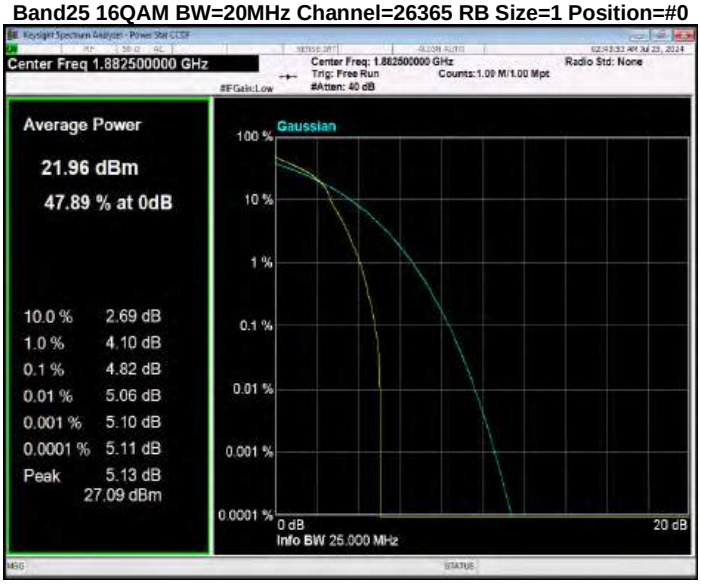
Band25 16QAM BW=15MHz Channel=26615 RB Size=1 Position=#0



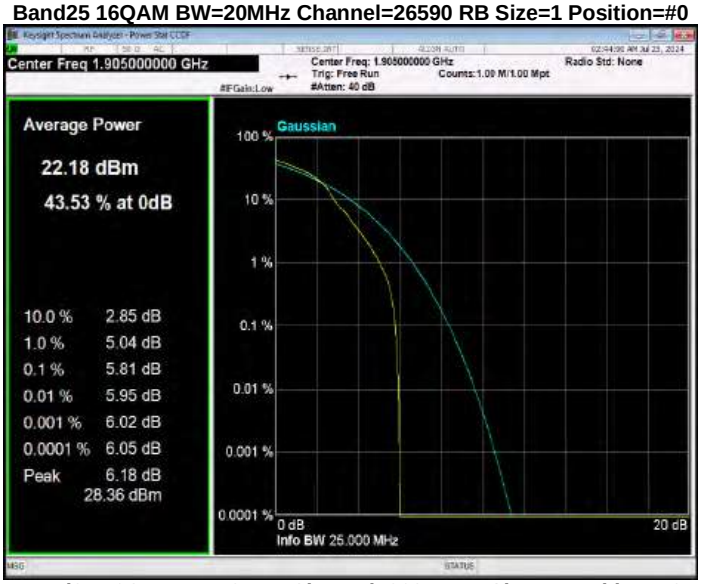
Band25 16QAM BW=20MHz Channel=26140 RB Size=1 Position=#0



Band25 16QAM BW=20MHz Channel=26365 RB Size=1 Position=#0



Band25 16QAM BW=20MHz Channel=26590 RB Size=1 Position=#0



Band25 16QAM BW=3MHz Channel=26055 RB Size=1 Position=#0

Band25 16QAM BW=3MHz Channel=26365 RB Size=1 Position=#0

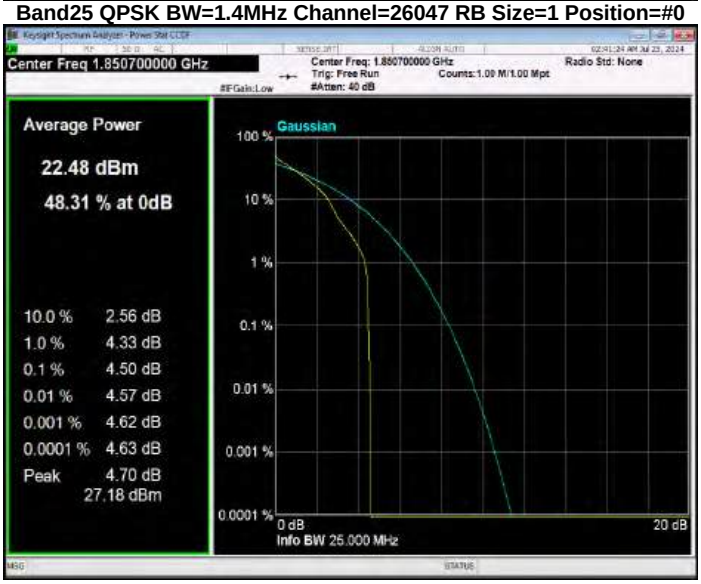
Band25 16QAM BW=3MHz Channel=26675 RB Size=1 Position=#0

Band25 16QAM BW=5MHz Channel=26065 RB Size=1 Position=#0

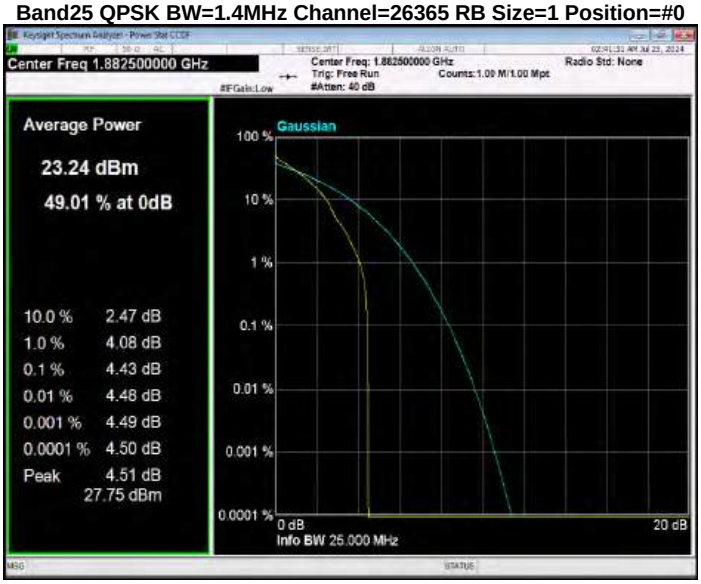
Band25 16QAM BW=5MHz Channel=26365 RB Size=1 Position=#0

Band25 16QAM BW=5MHz Channel=26665 RB Size=1 Position=#0

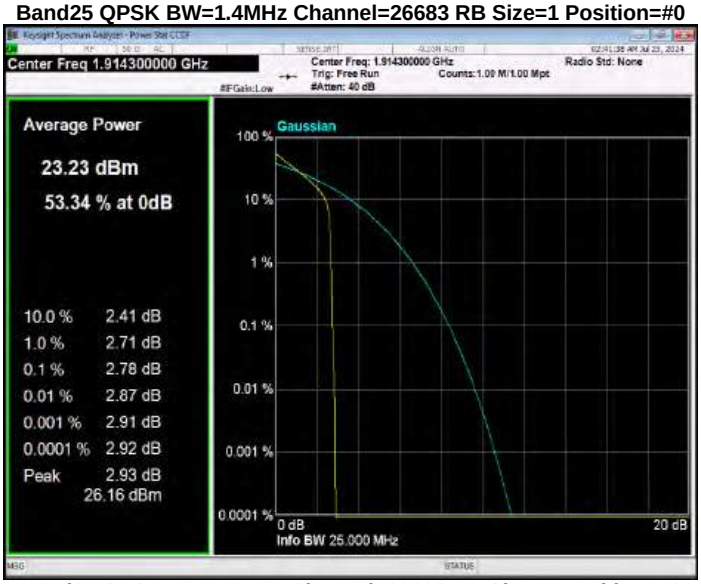
Band25 QPSK BW=1.4MHz Channel=26047 RB Size=1 Position=#0



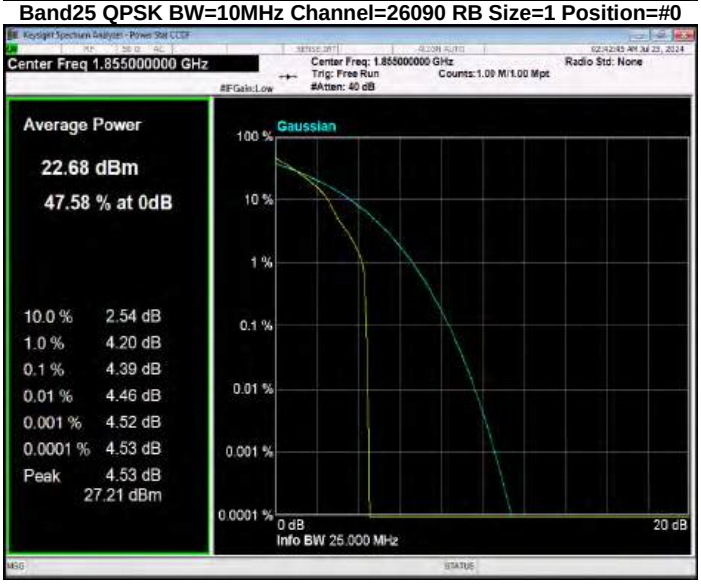
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=1 Position=#0



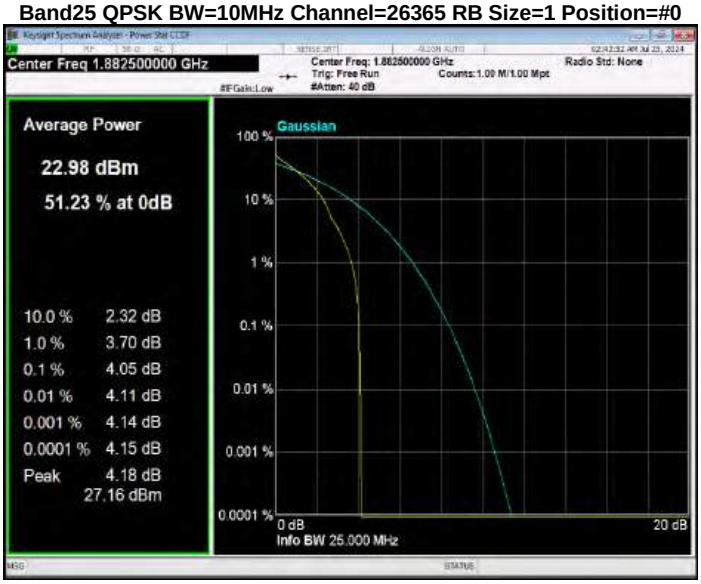
Band25 QPSK BW=1.4MHz Channel=26683 RB Size=1 Position=#0



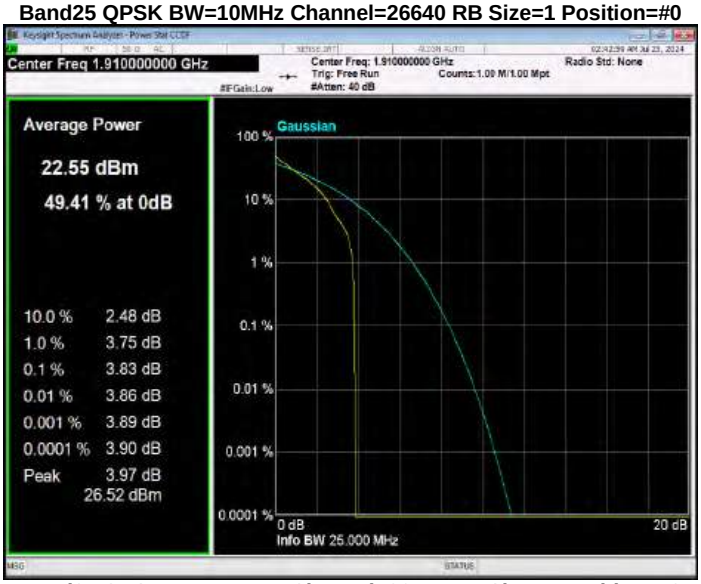
Band25 QPSK BW=10MHz Channel=26090 RB Size=1 Position=#0



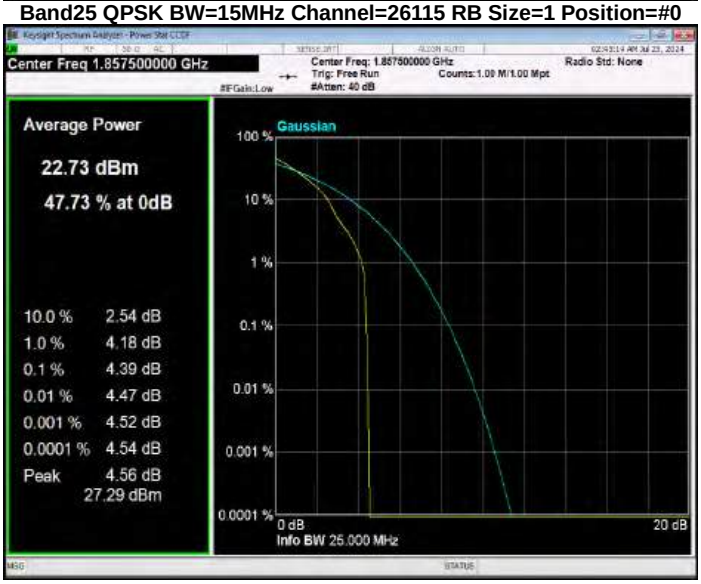
Band25 QPSK BW=10MHz Channel=26365 RB Size=1 Position=#0



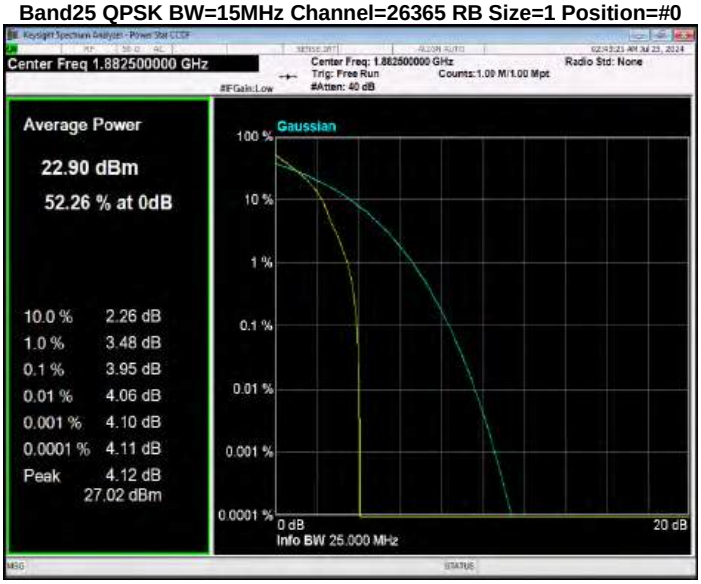
Band25 QPSK BW=10MHz Channel=26640 RB Size=1 Position=#0



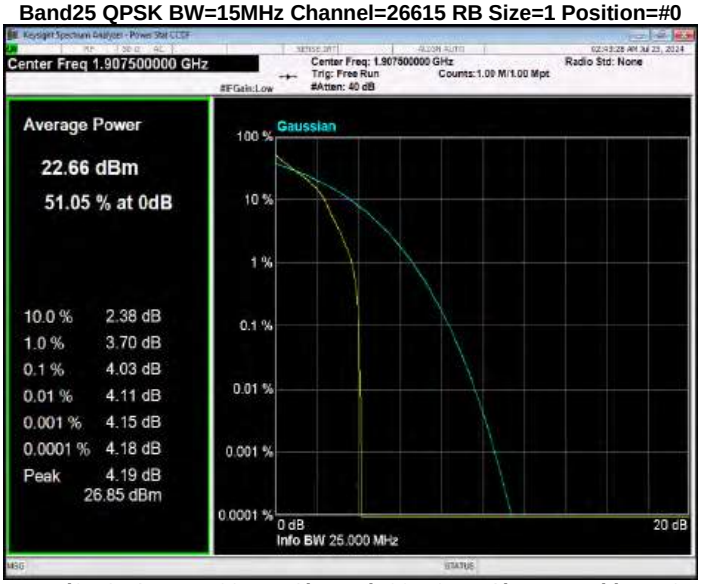
Band25 QPSK BW=15MHz Channel=26115 RB Size=1 Position=#0



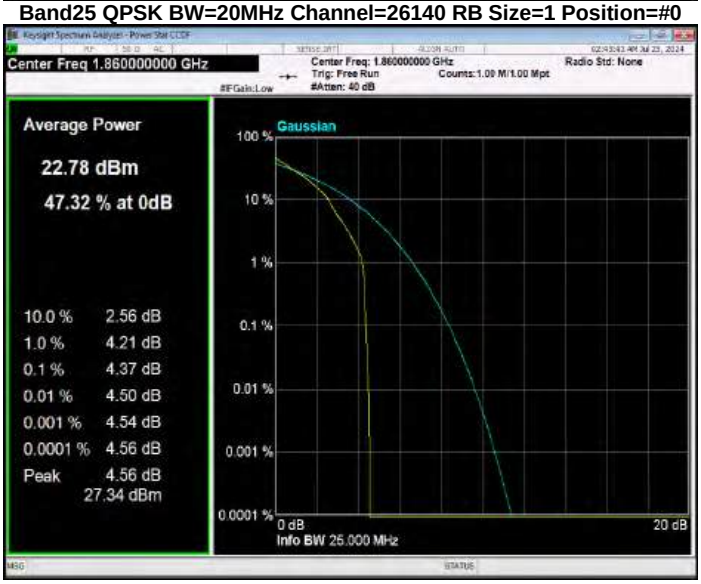
Band25 QPSK BW=15MHz Channel=26365 RB Size=1 Position=#0



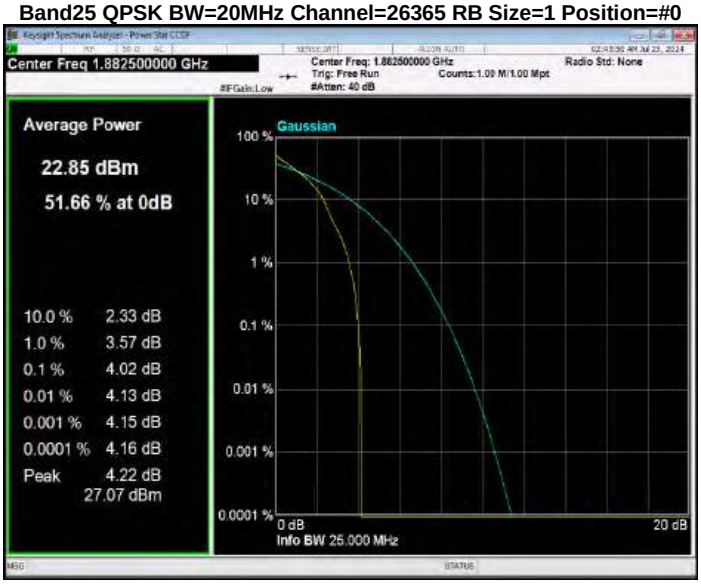
Band25 QPSK BW=15MHz Channel=26615 RB Size=1 Position=#0



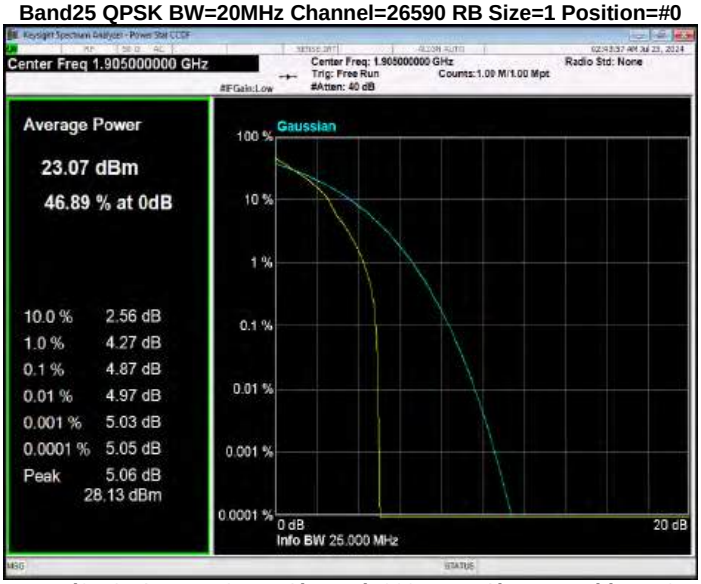
Band25 QPSK BW=20MHz Channel=26140 RB Size=1 Position=#0



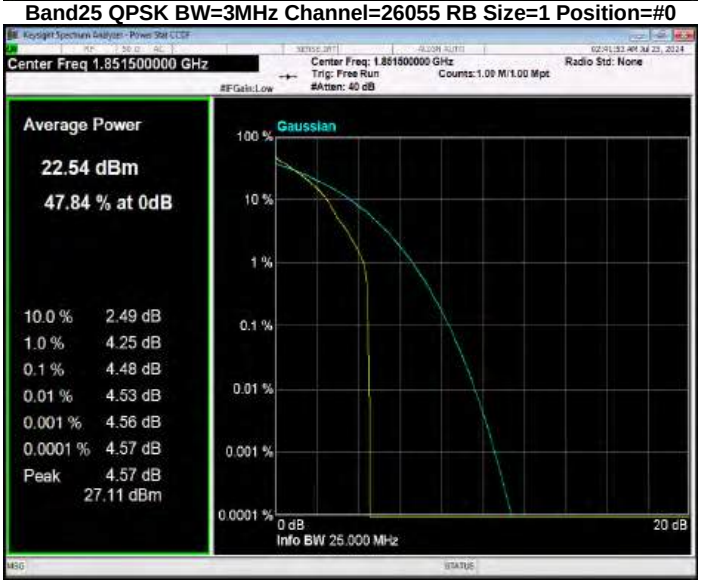
Band25 QPSK BW=20MHz Channel=26365 RB Size=1 Position=#0



Band25 QPSK BW=20MHz Channel=26590 RB Size=1 Position=#0



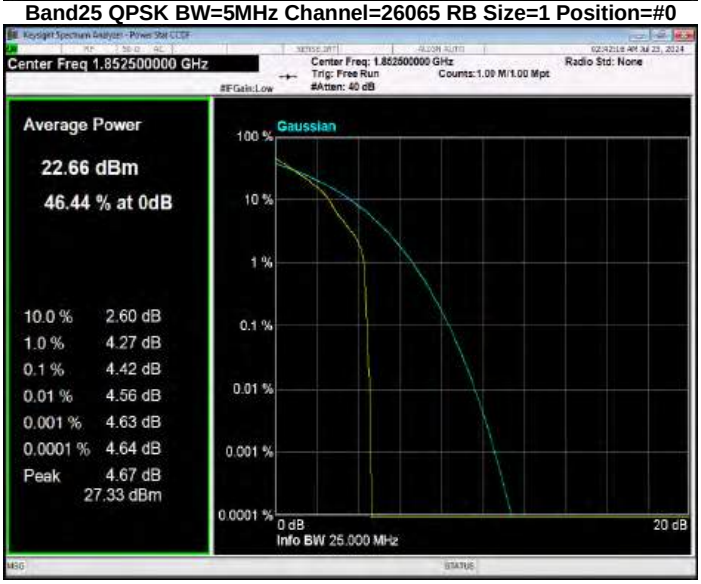
Band25 QPSK BW=3MHz Channel=26055 RB Size=1 Position=#0



Band25 QPSK BW=3MHz Channel=26365 RB Size=1 Position=#0

Band25 QPSK BW=3MHz Channel=26675 RB Size=1 Position=#0

Band25 QPSK BW=5MHz Channel=26065 RB Size=1 Position=#0



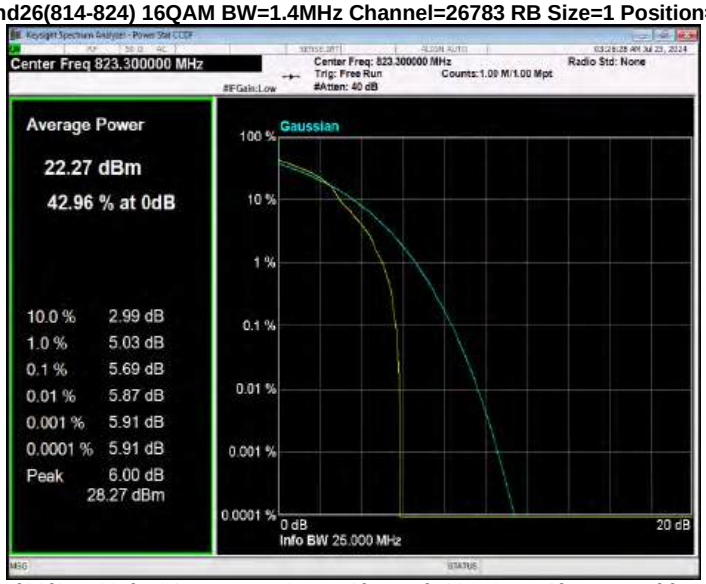
Band25 QPSK BW=5MHz Channel=26365 RB Size=1 Position=#0

Band25 QPSK BW=5MHz Channel=26665 RB Size=1 Position=#0

Band26(814-824) 16QAM BW=1.4MHz Channel=26697 RB Size=1 Position=#0

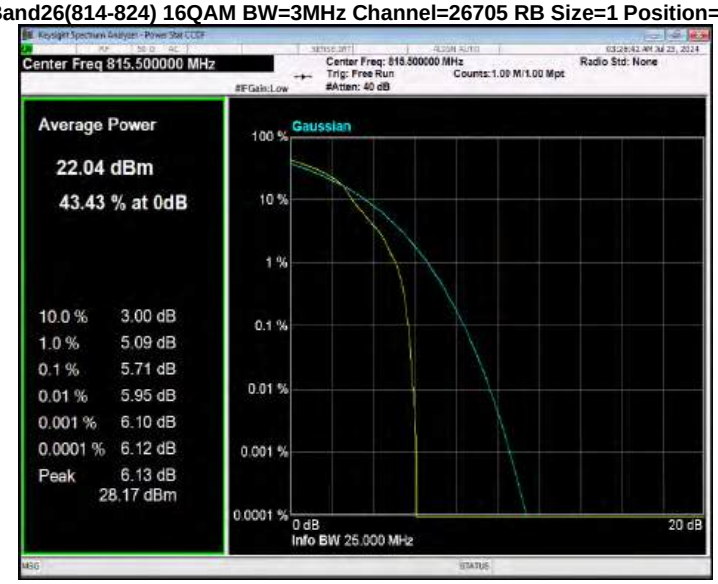
Band26(814-824) 16QAM BW=1.4MHz Channel=26740 RB Size=1 Position=#0

Band26(814-824) 16QAM BW=1.4MHz Channel=26783 RB Size=1 Position=#0

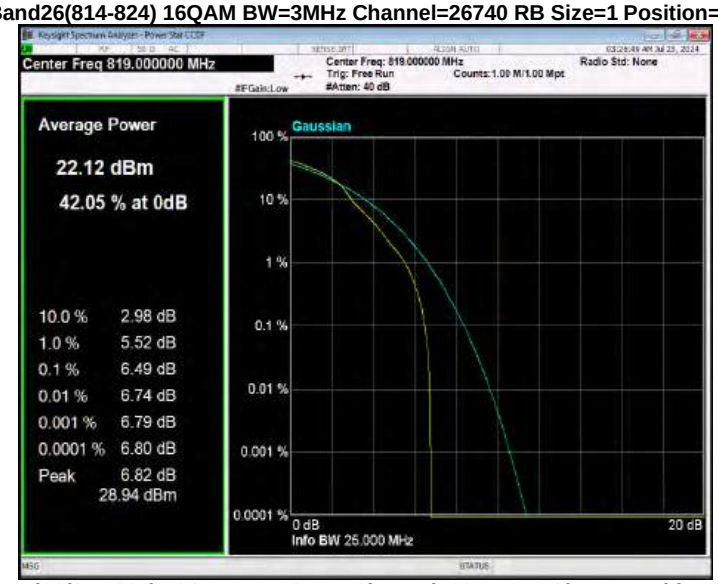


Band26(814-824) 16QAM BW=10MHz Channel=26740 RB Size=1 Position=#0

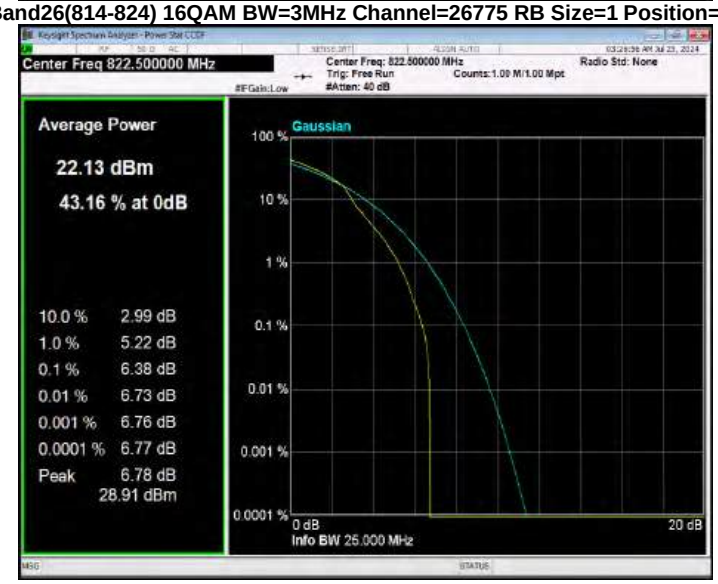
Band26(814-824) 16QAM BW=3MHz Channel=26705 RB Size=1 Position=#0



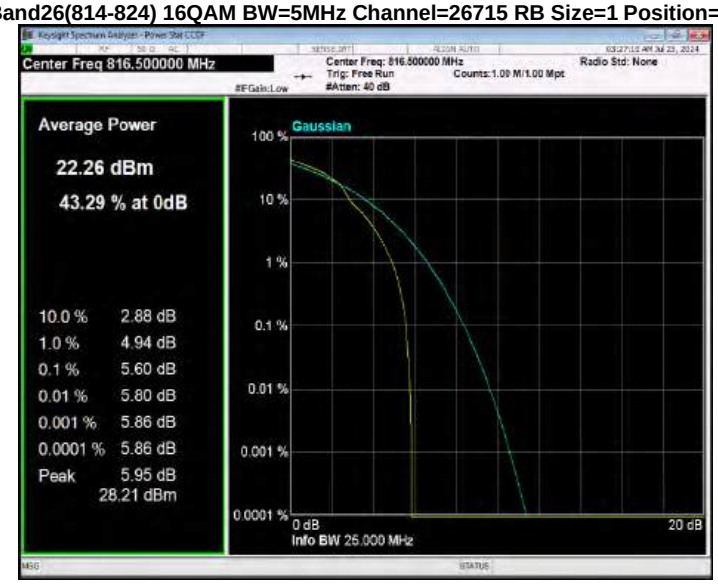
Band26(814-824) 16QAM BW=3MHz Channel=26740 RB Size=1 Position=#0



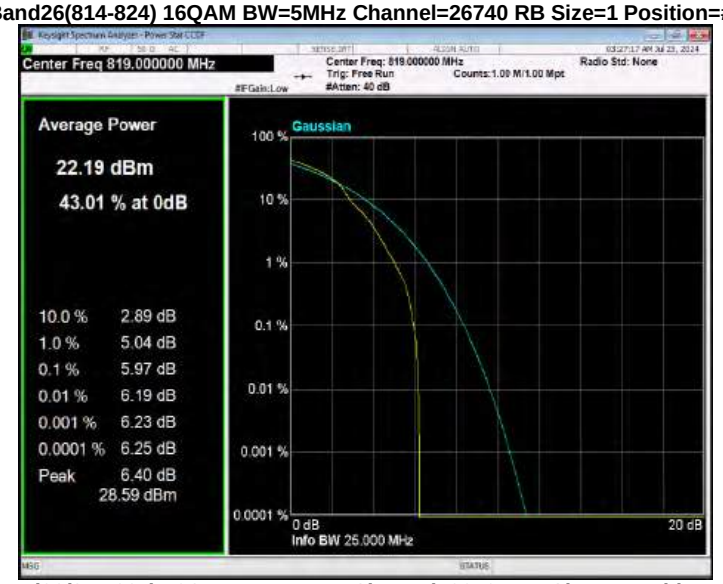
Band26(814-824) 16QAM BW=3MHz Channel=26775 RB Size=1 Position=#0



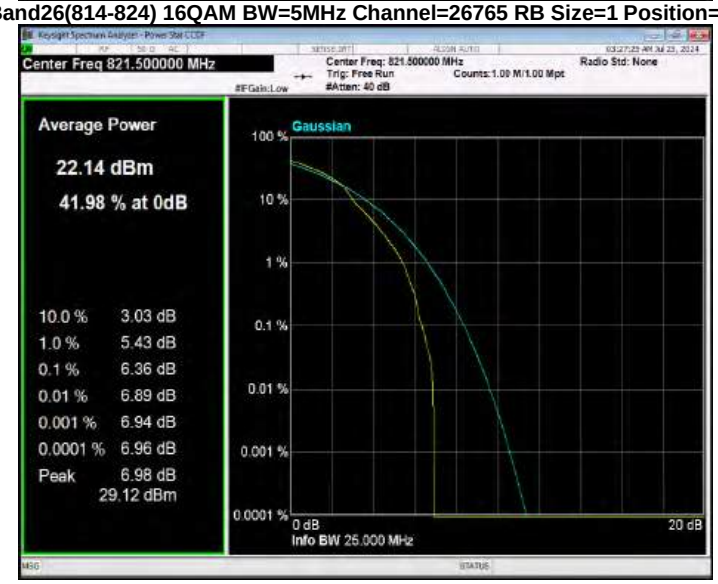
Band26(814-824) 16QAM BW=5MHz Channel=26715 RB Size=1 Position=#0



Band26(814-824) 16QAM BW=5MHz Channel=26740 RB Size=1 Position=#0



Band26(814-824) 16QAM BW=5MHz Channel=26765 RB Size=1 Position=#0

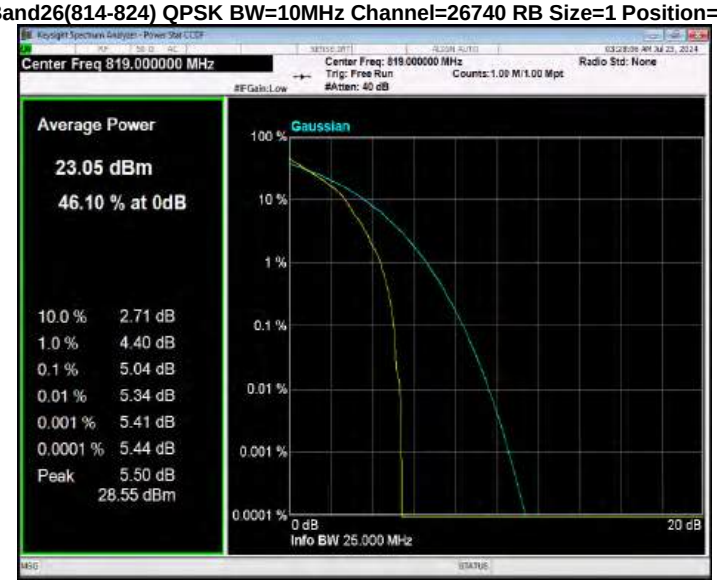


Band26(814-824) QPSK BW=1.4MHz Channel=26697 RB Size=1 Position=#0

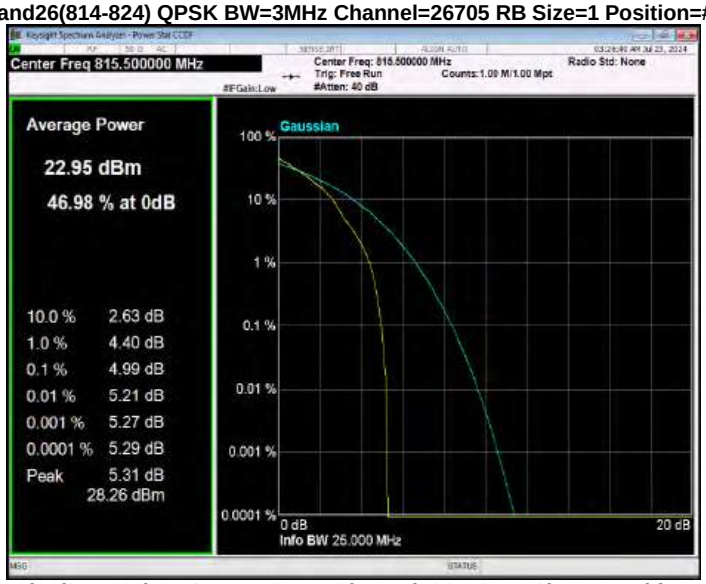
Band26(814-824) QPSK BW=1.4MHz Channel=26740 RB Size=1 Position=#0

Band26(814-824) QPSK BW=1.4MHz Channel=26783 RB Size=1 Position=#0

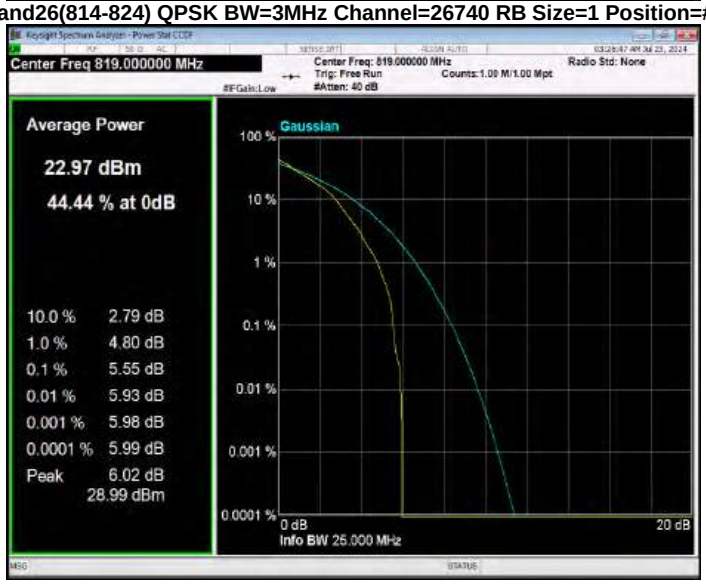
Band26(814-824) QPSK BW=10MHz Channel=26740 RB Size=1 Position=#0



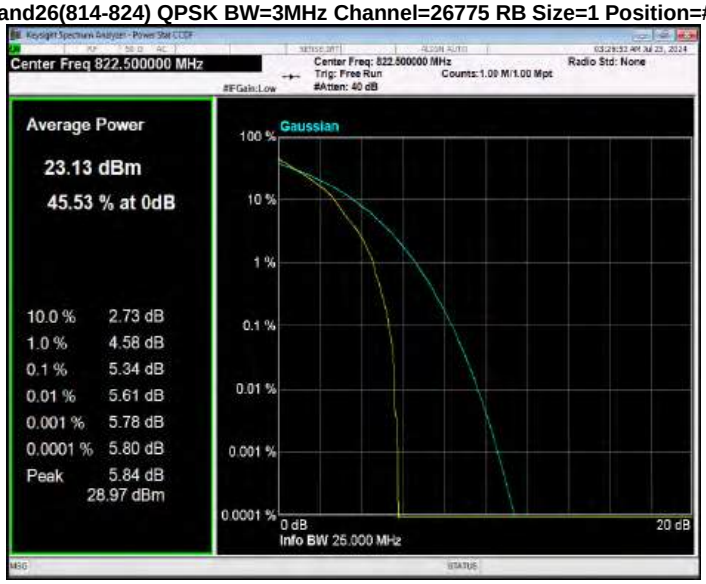
Band26(814-824) QPSK BW=3MHz Channel=26705 RB Size=1 Position=#0



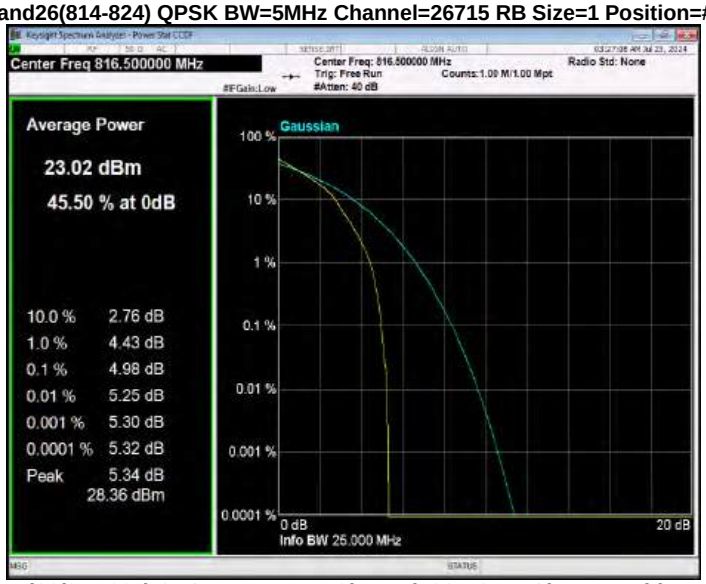
Band26(814-824) QPSK BW=3MHz Channel=26740 RB Size=1 Position=#0



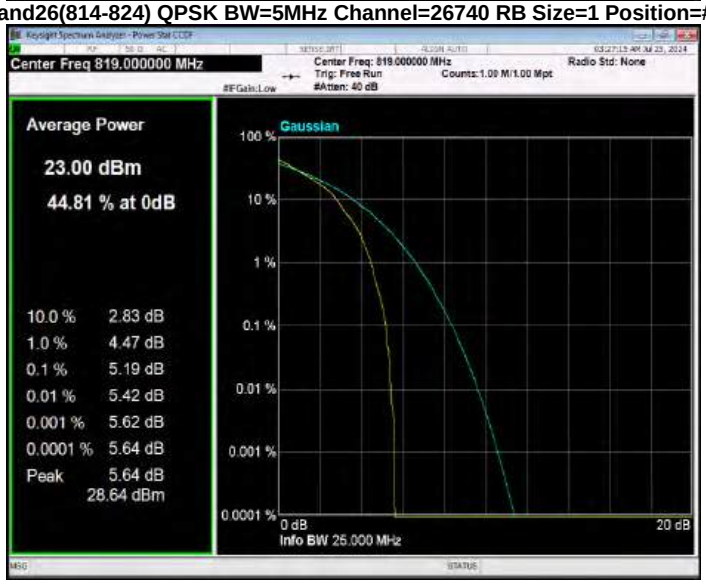
Band26(814-824) QPSK BW=3MHz Channel=26775 RB Size=1 Position=#0



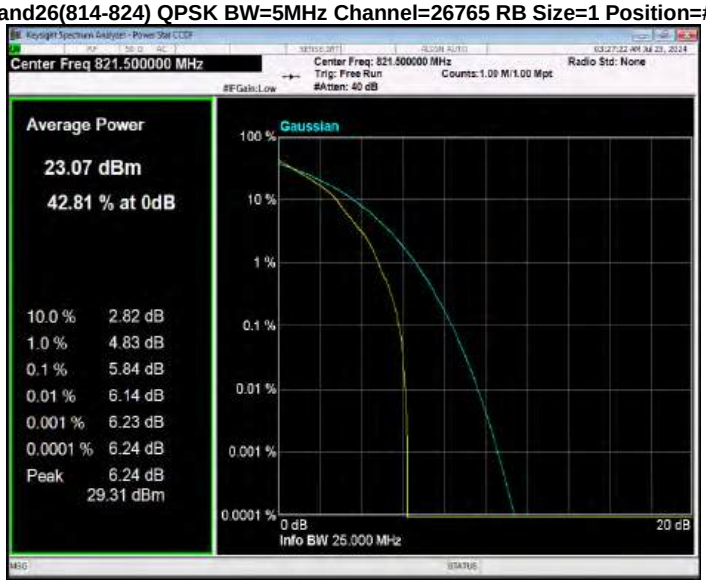
Band26(814-824) QPSK BW=5MHz Channel=26715 RB Size=1 Position=#0



Band26(814-824) QPSK BW=5MHz Channel=26740 RB Size=1 Position=#0



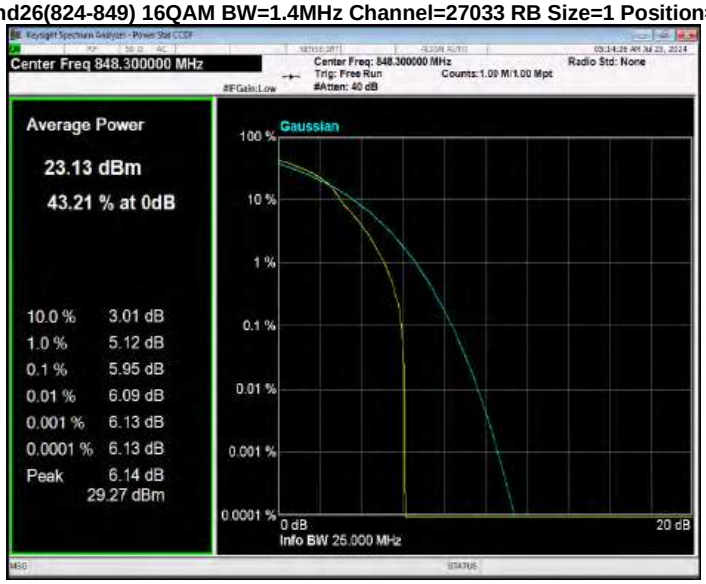
Band26(814-824) QPSK BW=5MHz Channel=26765 RB Size=1 Position=#0



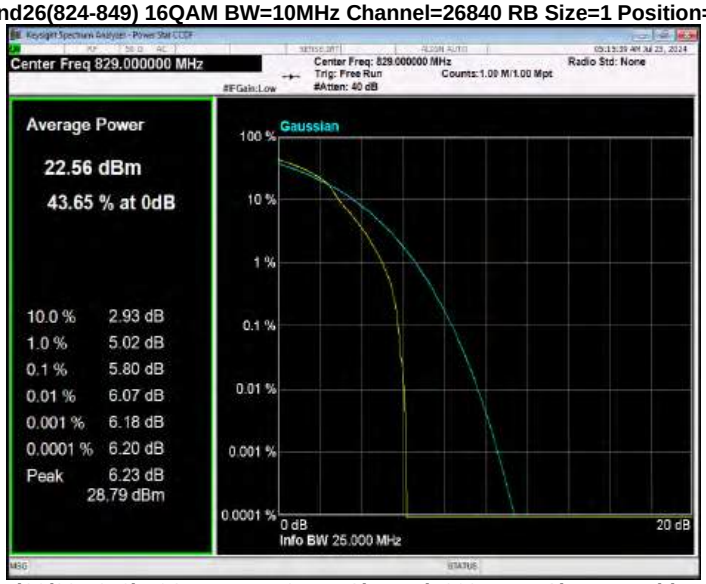
Band26(824-849) 16QAM BW=1.4MHz Channel=26797 RB Size=1 Position=#0

Band26(824-849) 16QAM BW=1.4MHz Channel=26915 RB Size=1 Position=#0

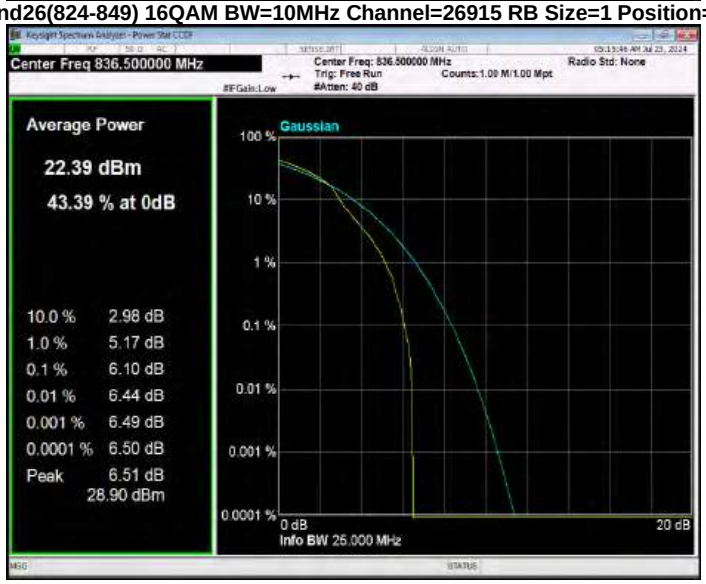
Band26(824-849) 16QAM BW=1.4MHz Channel=27033 RB Size=1 Position=#0



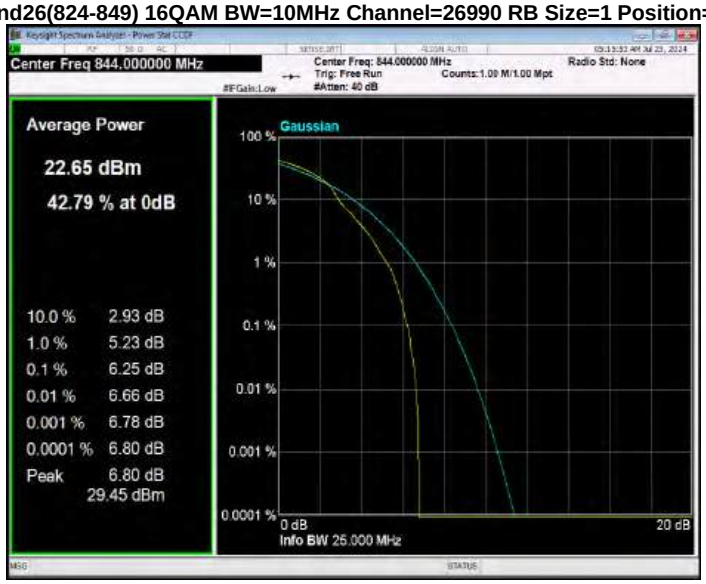
Band26(824-849) 16QAM BW=10MHz Channel=26840 RB Size=1 Position=#0



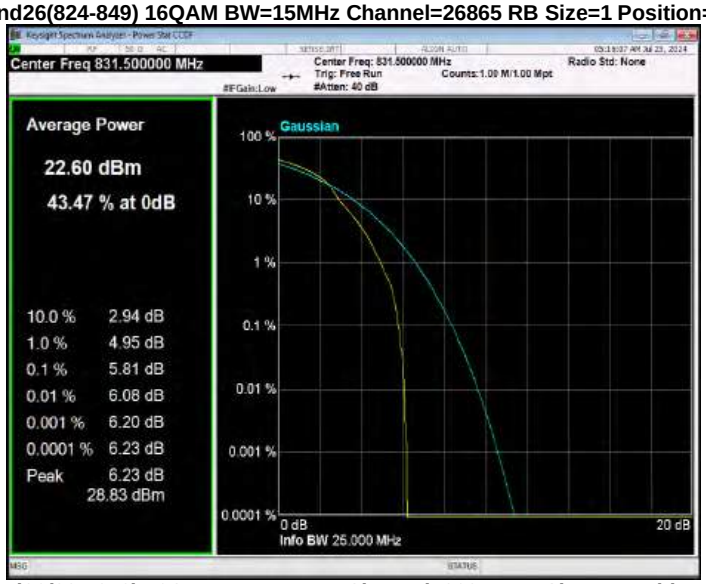
Band26(824-849) 16QAM BW=10MHz Channel=26915 RB Size=1 Position=#0



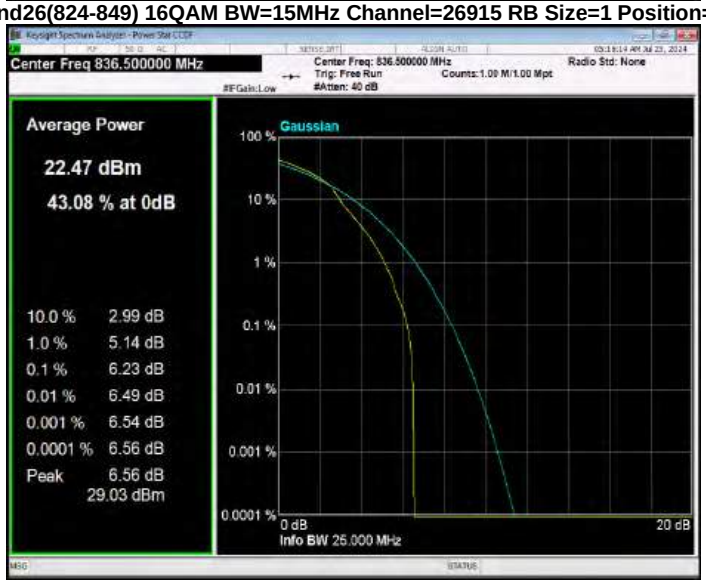
Band26(824-849) 16QAM BW=10MHz Channel=26990 RB Size=1 Position=#0



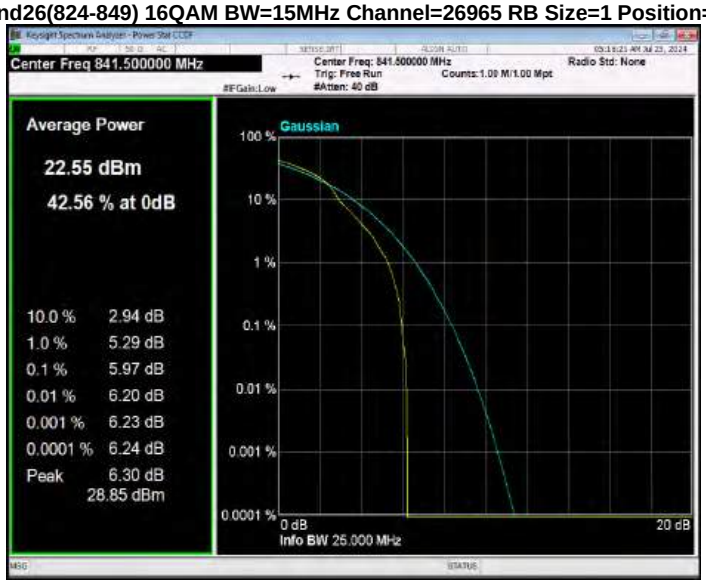
Band26(824-849) 16QAM BW=15MHz Channel=26865 RB Size=1 Position=#0



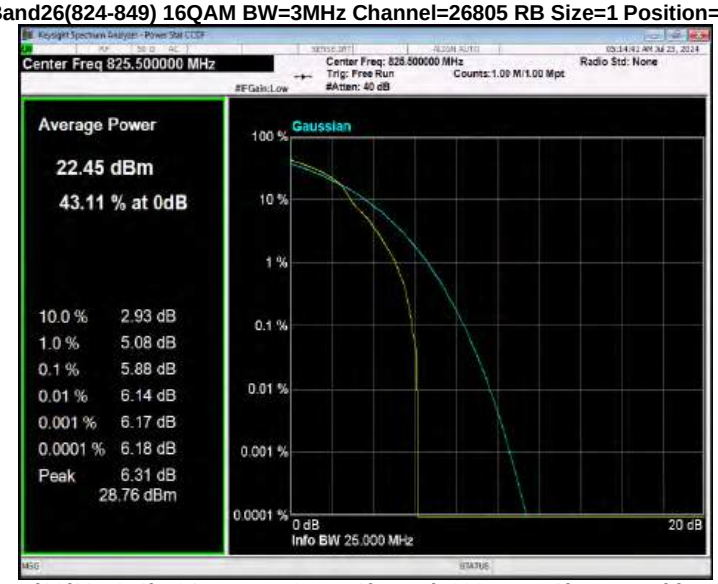
Band26(824-849) 16QAM BW=15MHz Channel=26915 RB Size=1 Position=#0



Band26(824-849) 16QAM BW=15MHz Channel=26965 RB Size=1 Position=#0

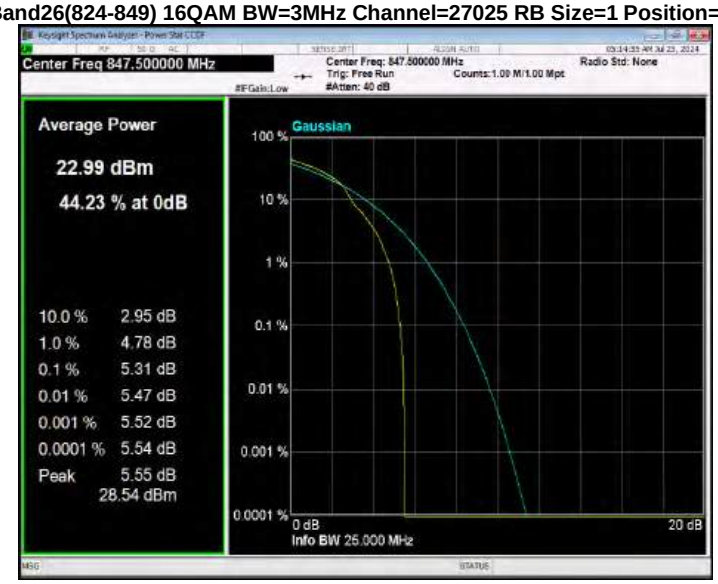


Band26(824-849) 16QAM BW=3MHz Channel=26805 RB Size=1 Position=#0

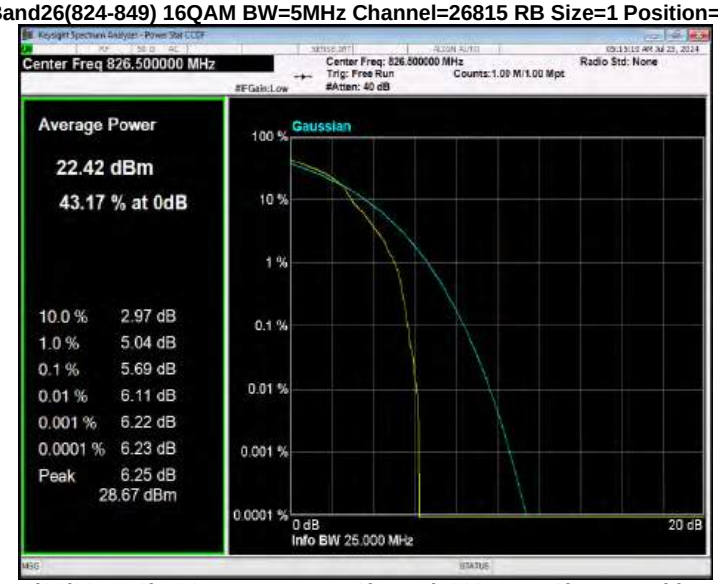


Band26(824-849) 16QAM BW=3MHz Channel=26915 RB Size=1 Position=#0

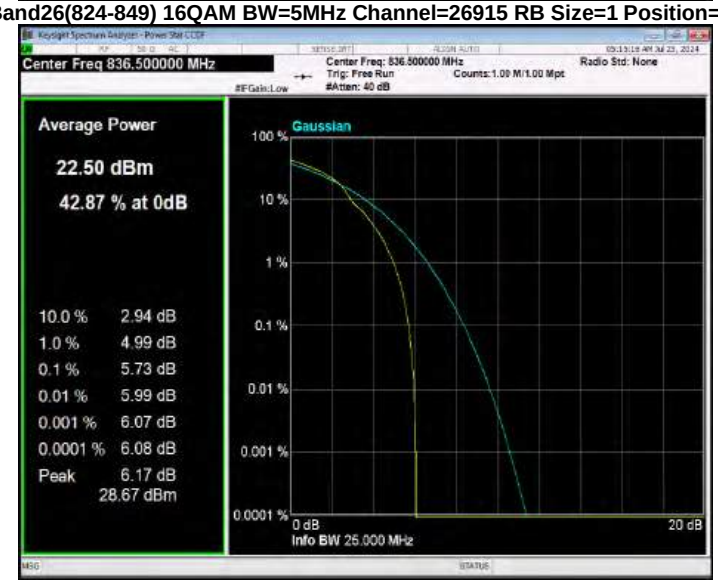
Band26(824-849) 16QAM BW=3MHz Channel=27025 RB Size=1 Position=#0



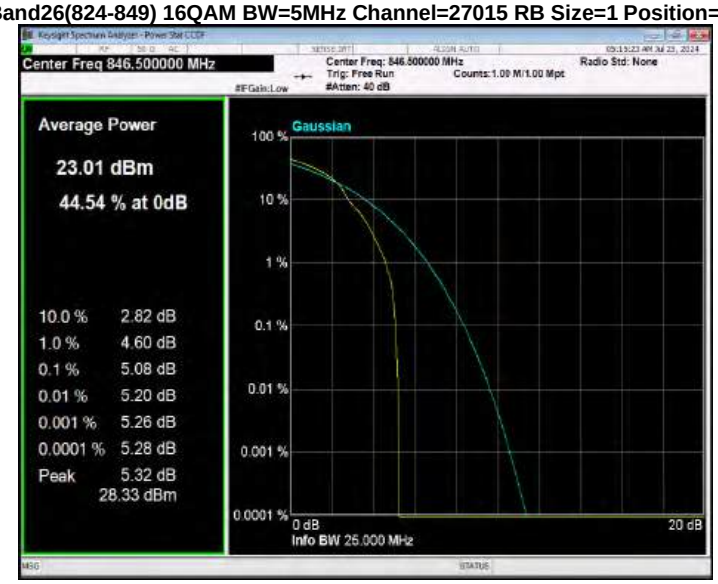
Band26(824-849) 16QAM BW=5MHz Channel=26815 RB Size=1 Position=#0



Band26(824-849) 16QAM BW=5MHz Channel=26915 RB Size=1 Position=#0



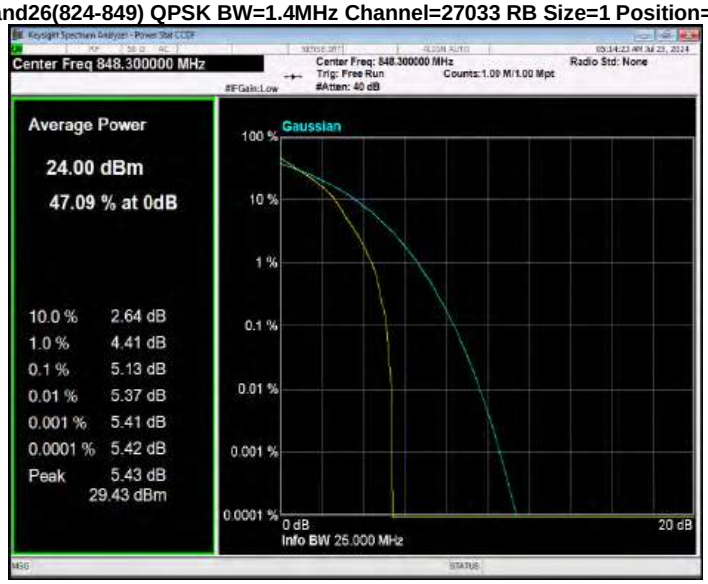
Band26(824-849) 16QAM BW=5MHz Channel=27015 RB Size=1 Position=#0



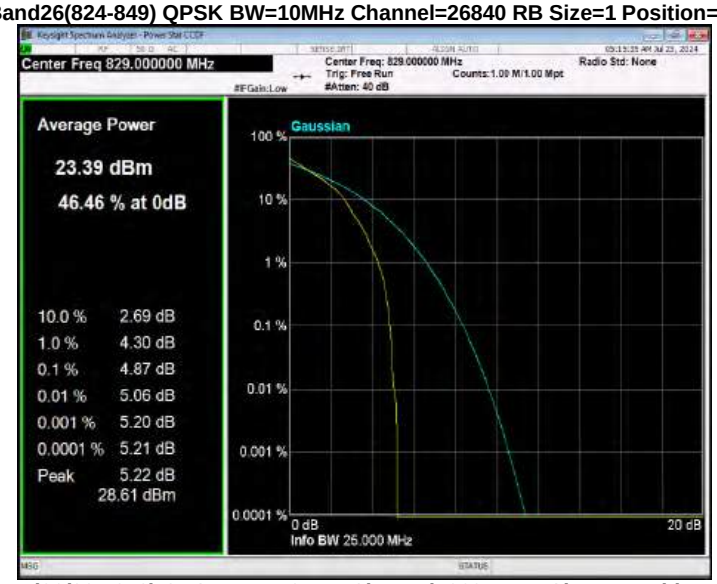
Band26(824-849) QPSK BW=1.4MHz Channel=26797 RB Size=1 Position=#0

Band26(824-849) QPSK BW=1.4MHz Channel=26915 RB Size=1 Position=#0

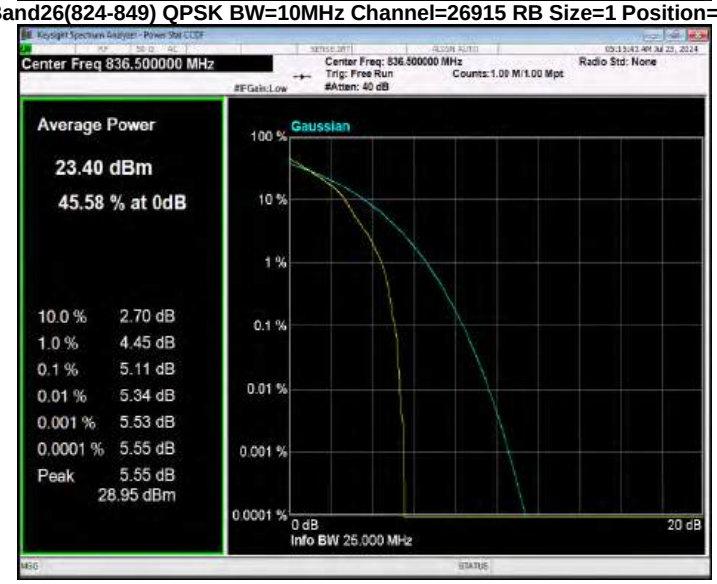
Band26(824-849) QPSK BW=1.4MHz Channel=27033 RB Size=1 Position=#0



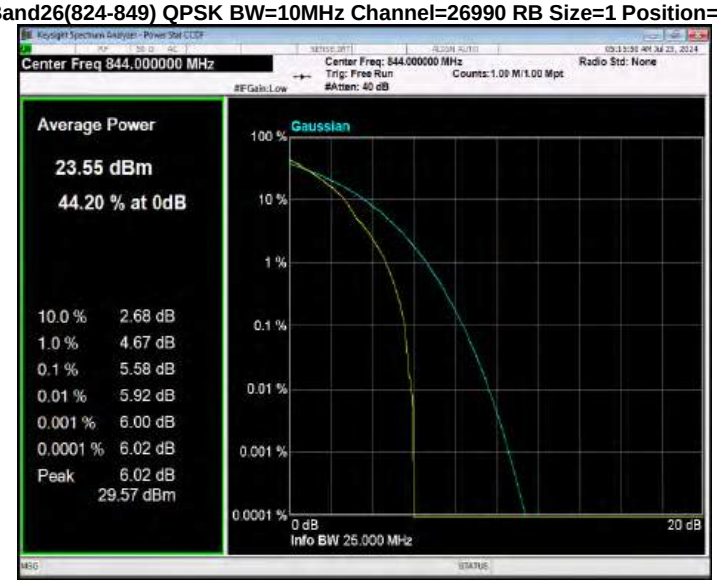
Band26(824-849) QPSK BW=10MHz Channel=26840 RB Size=1 Position=#0



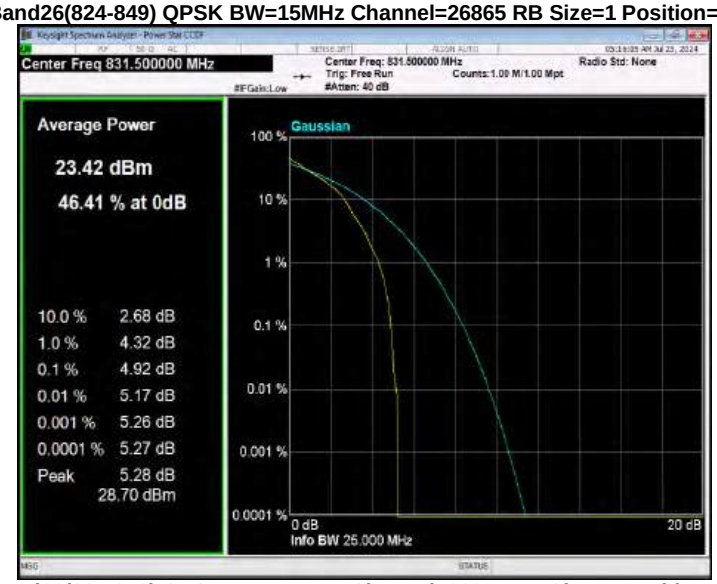
Band26(824-849) QPSK BW=10MHz Channel=26915 RB Size=1 Position=#0



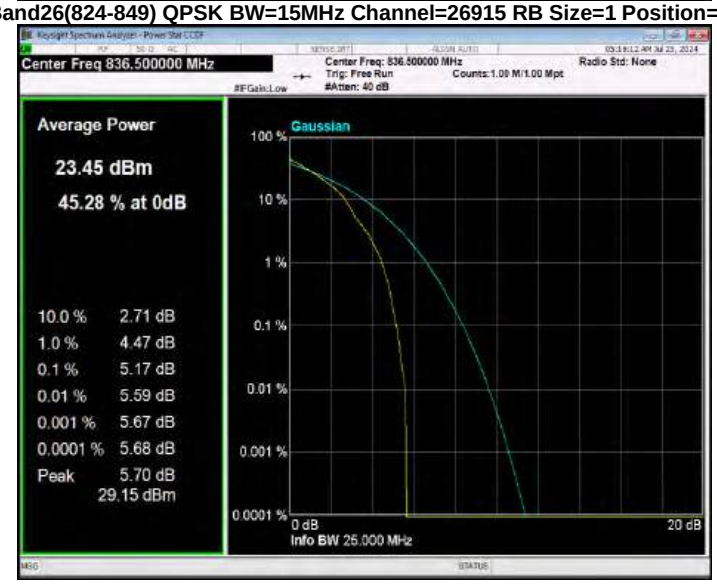
Band26(824-849) QPSK BW=10MHz Channel=26990 RB Size=1 Position=#0



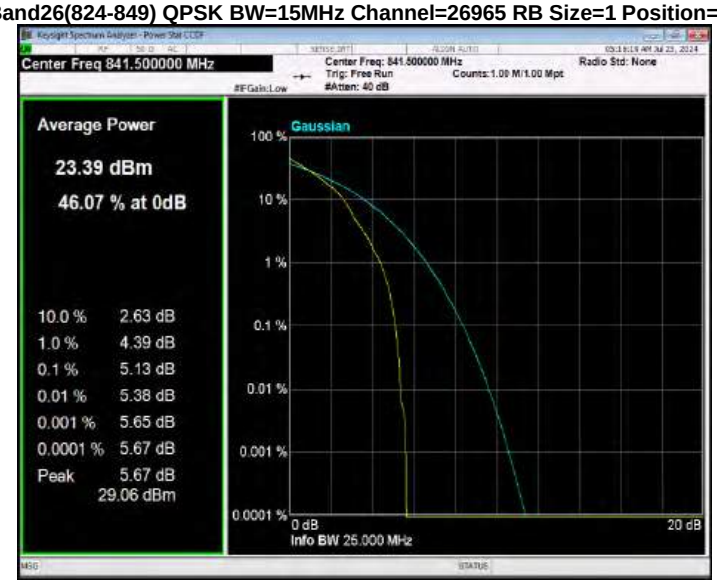
Band26(824-849) QPSK BW=15MHz Channel=26865 RB Size=1 Position=#0



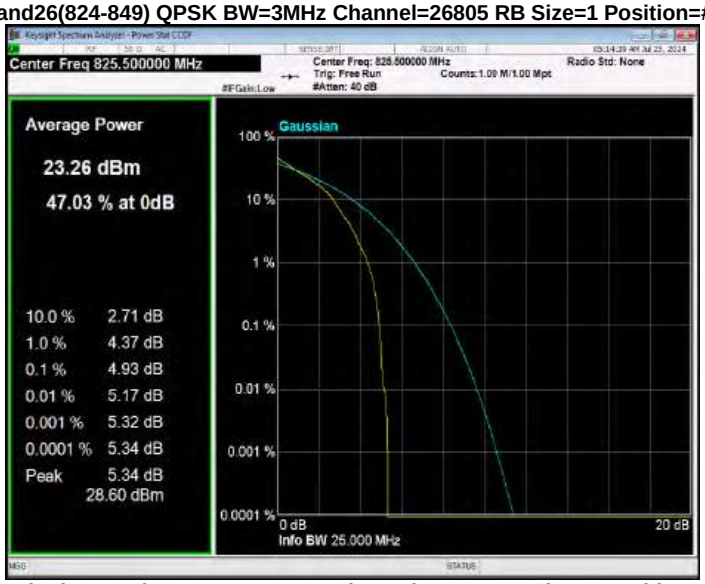
Band26(824-849) QPSK BW=15MHz Channel=26915 RB Size=1 Position=#0



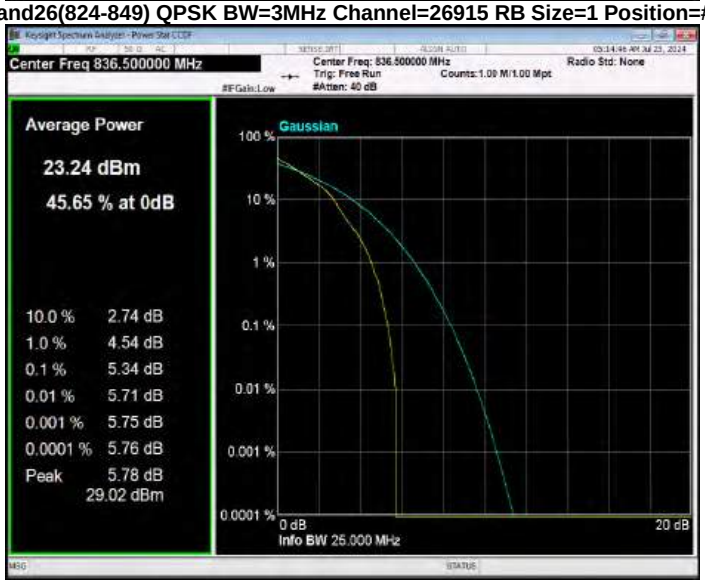
Band26(824-849) QPSK BW=15MHz Channel=26965 RB Size=1 Position=#0



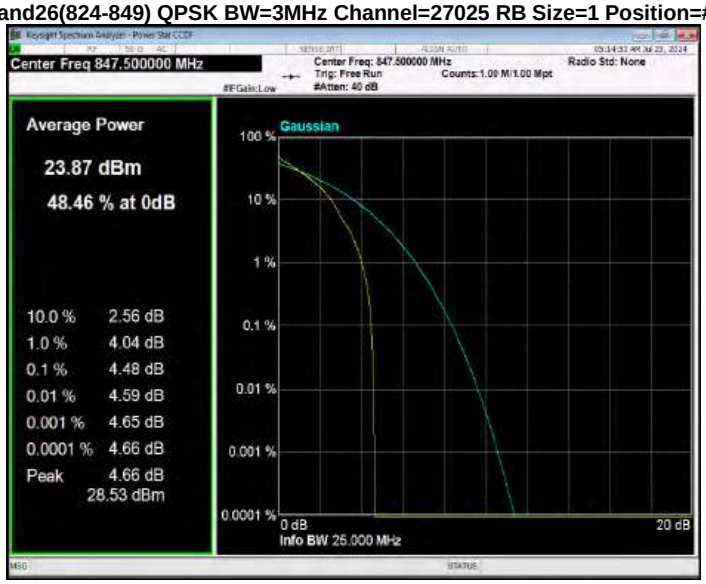
Band26(824-849) QPSK BW=3MHz Channel=26805 RB Size=1 Position=#0



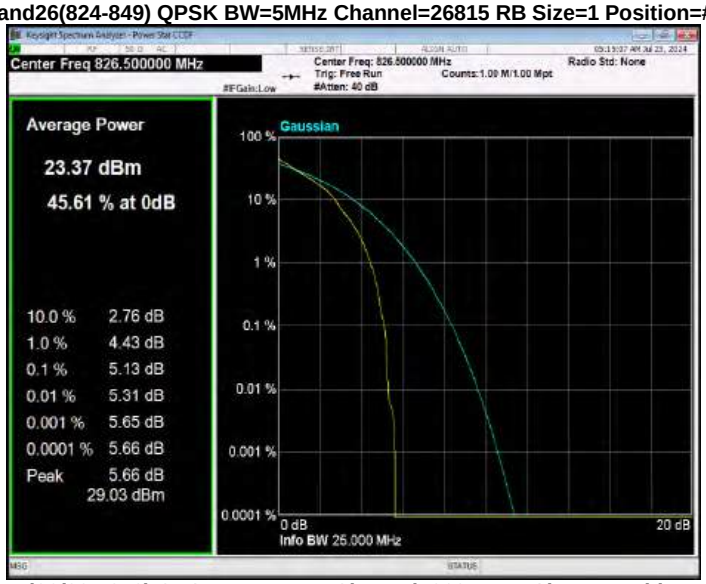
Band26(824-849) QPSK BW=3MHz Channel=26915 RB Size=1 Position=#0



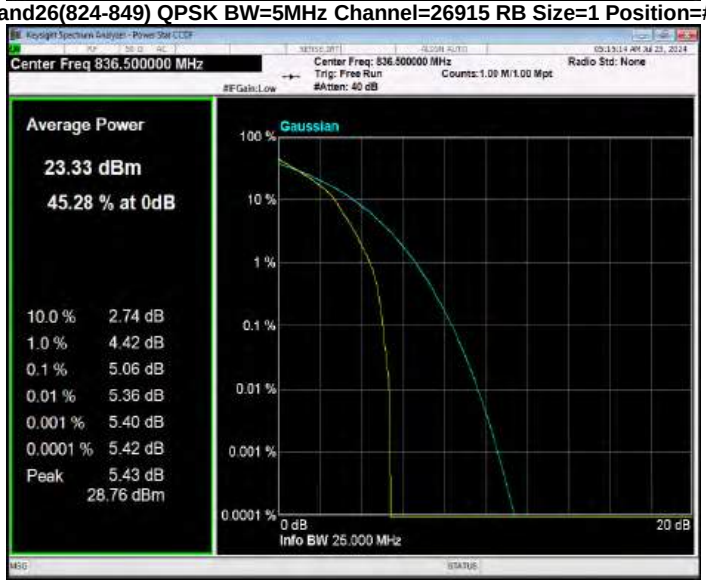
Band26(824-849) QPSK BW=3MHz Channel=27025 RB Size=1 Position=#0



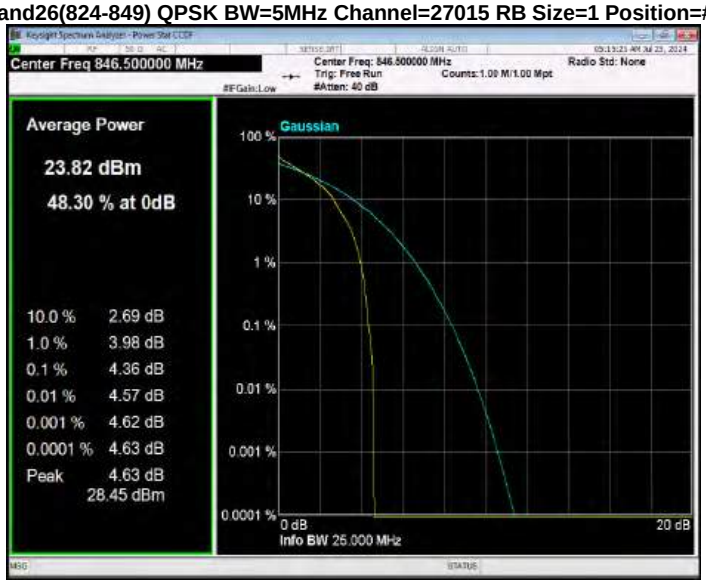
Band26(824-849) QPSK BW=5MHz Channel=26815 RB Size=1 Position=#0



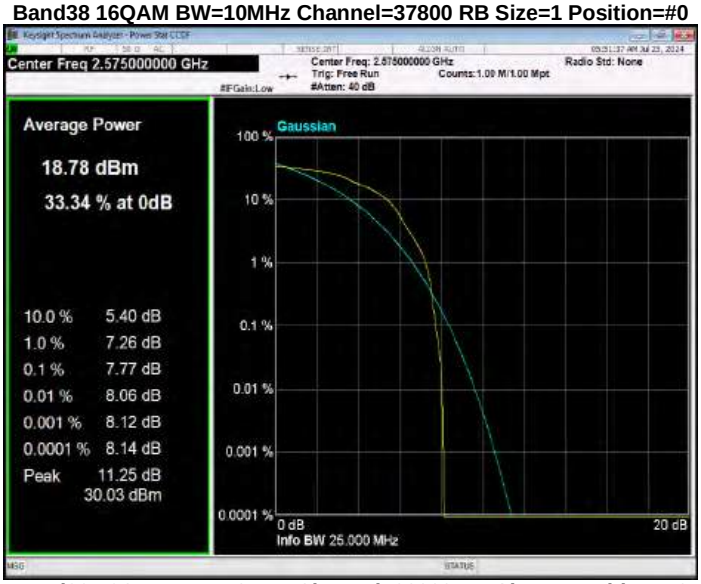
Band26(824-849) QPSK BW=5MHz Channel=26915 RB Size=1 Position=#0



Band26(824-849) QPSK BW=5MHz Channel=27015 RB Size=1 Position=#0

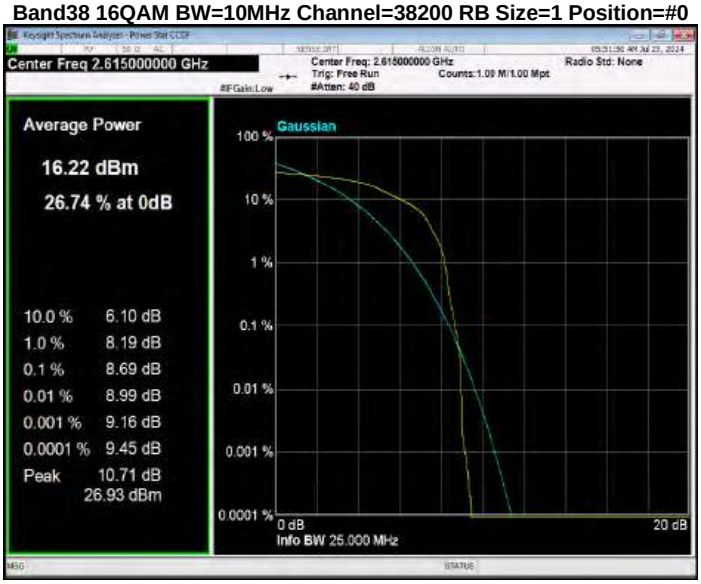


Band38 16QAM BW=10MHz Channel=37800 RB Size=1 Position=#0

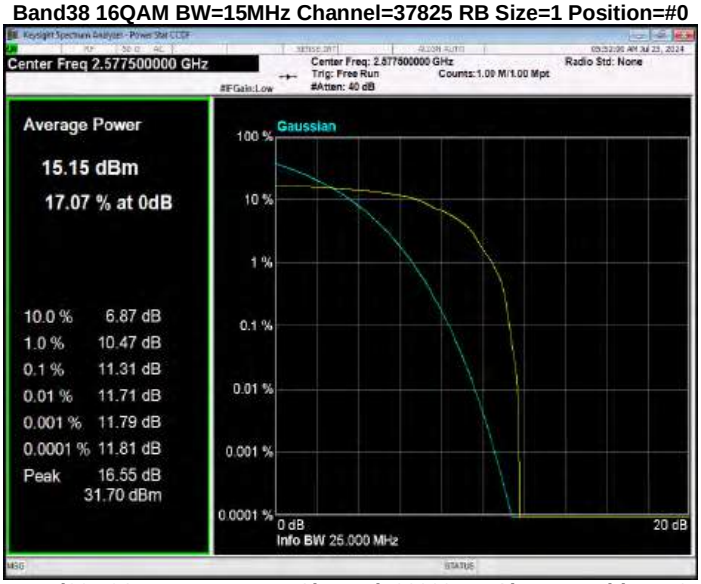


Band38 16QAM BW=10MHz Channel=38000 RB Size=1 Position=#0

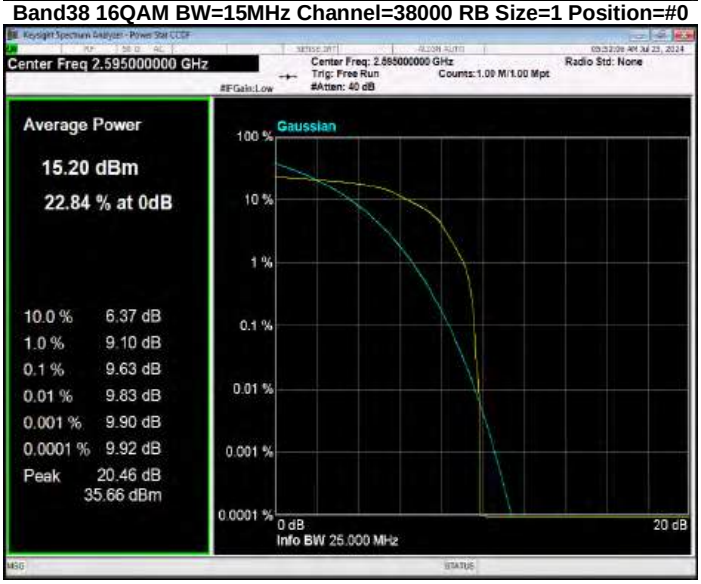
Band38 16QAM BW=10MHz Channel=38200 RB Size=1 Position=#0



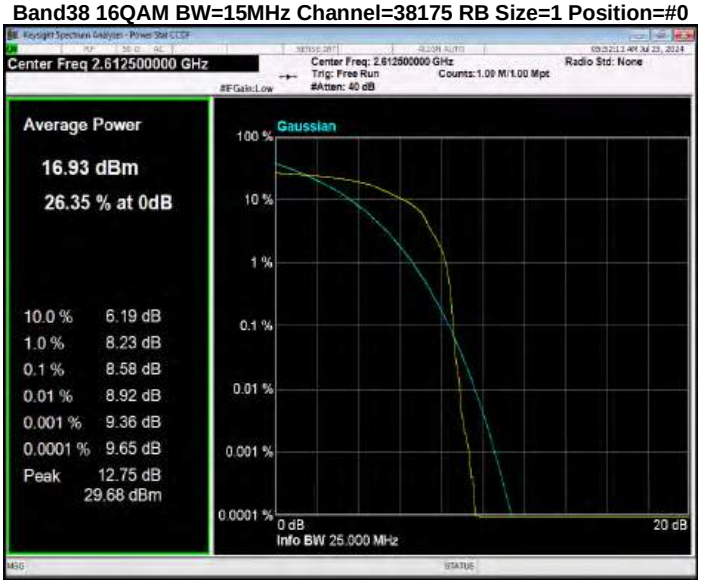
Band38 16QAM BW=15MHz Channel=37825 RB Size=1 Position=#0



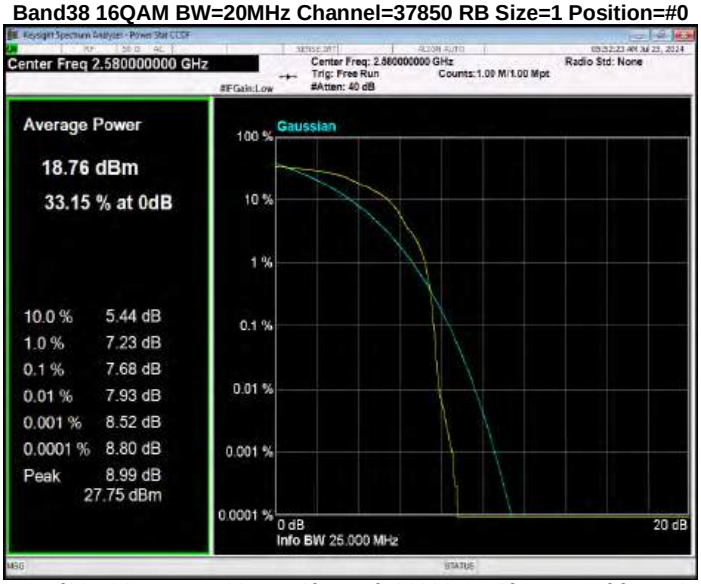
Band38 16QAM BW=15MHz Channel=38000 RB Size=1 Position=#0



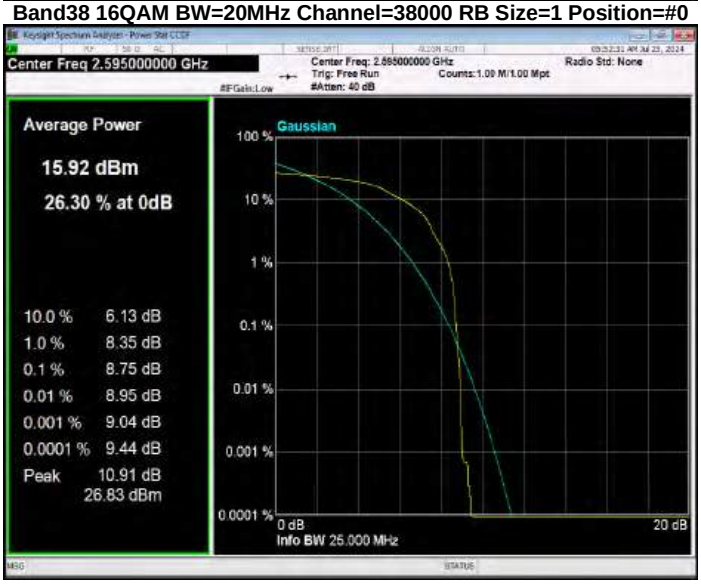
Band38 16QAM BW=15MHz Channel=38175 RB Size=1 Position=#0



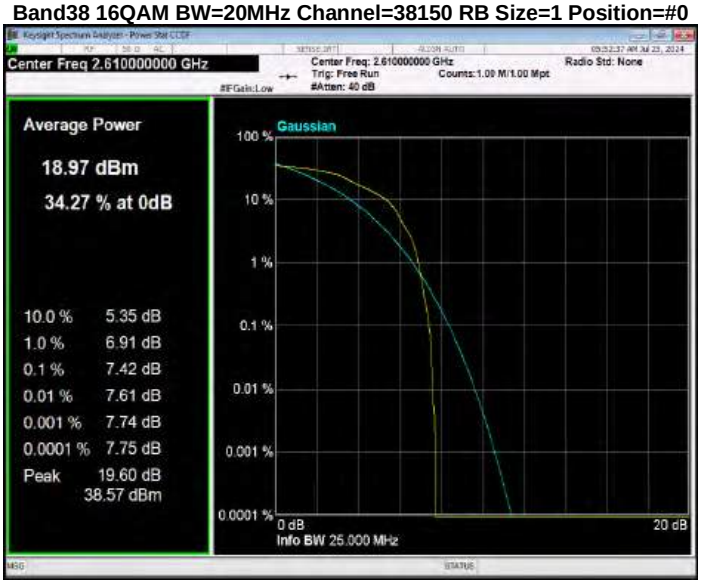
Band38 16QAM BW=20MHz Channel=37850 RB Size=1 Position=#0



Band38 16QAM BW=20MHz Channel=38000 RB Size=1 Position=#0



Band38 16QAM BW=20MHz Channel=38150 RB Size=1 Position=#0



Band38 16QAM BW=5MHz Channel=37775 RB Size=1 Position=#0

Band38 16QAM BW=5MHz Channel=38000 RB Size=1 Position=#0

Band38 16QAM BW=5MHz Channel=38225 RB Size=1 Position=#0

Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0

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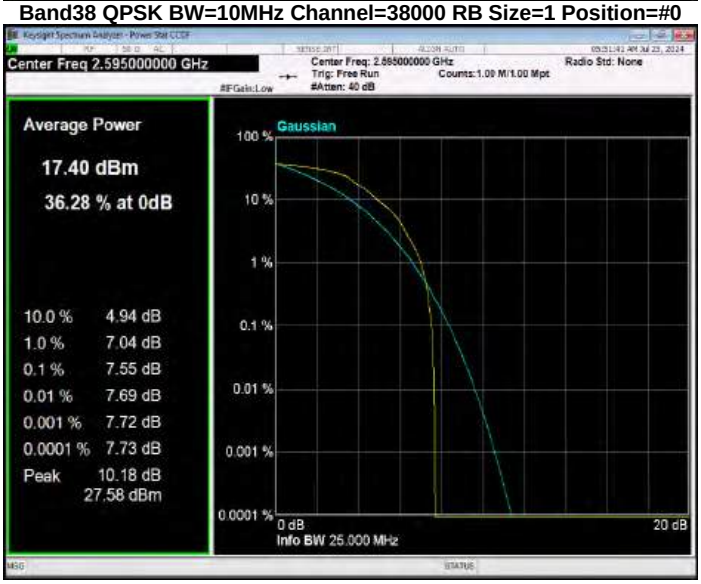
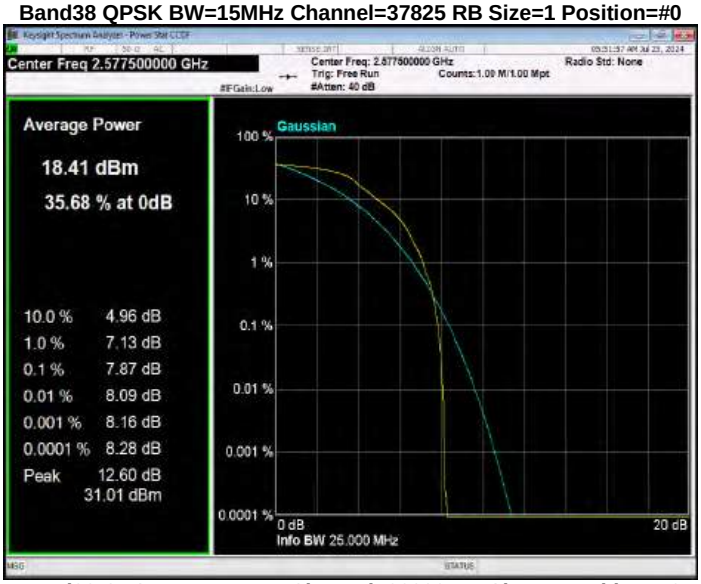
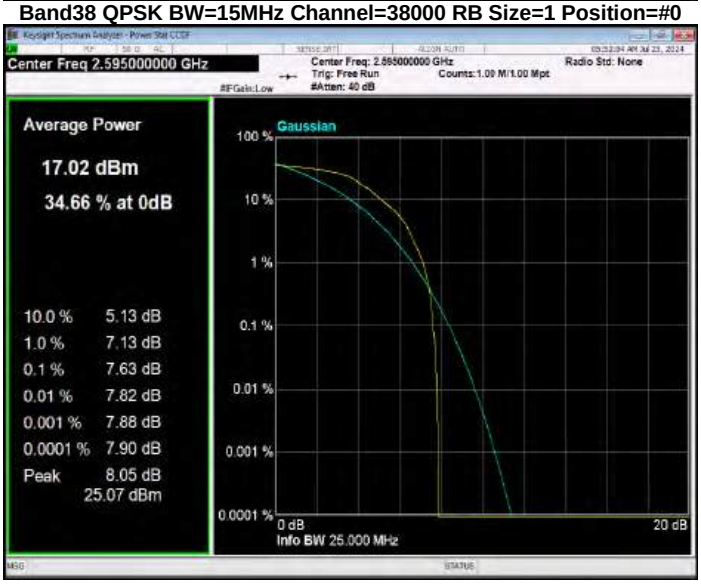


Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0

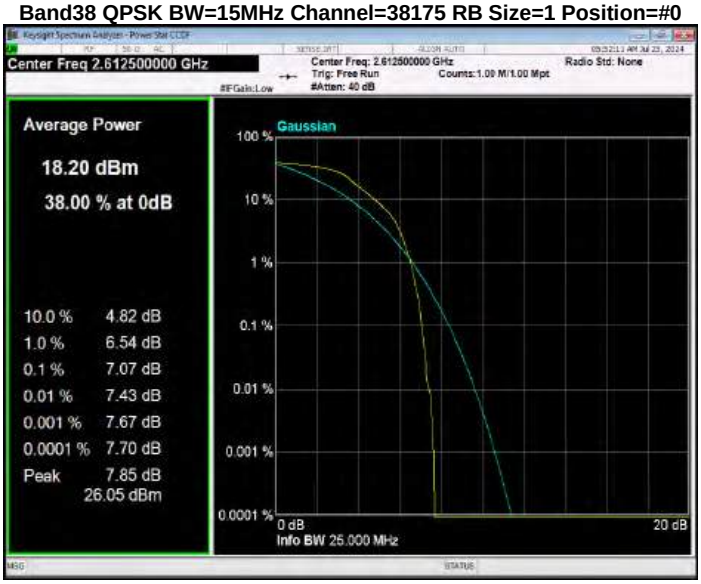
Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



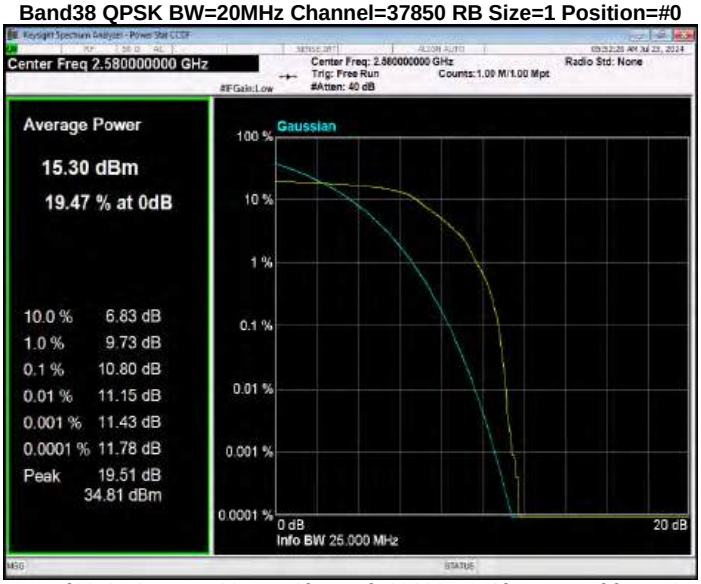
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



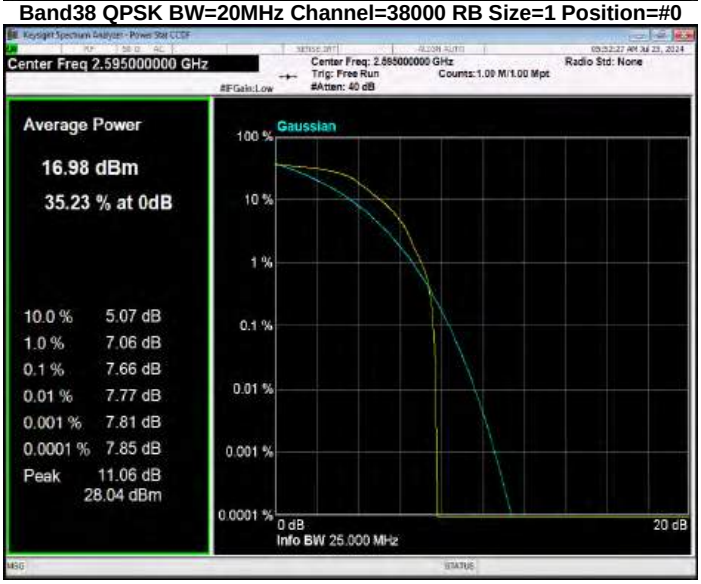
Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0



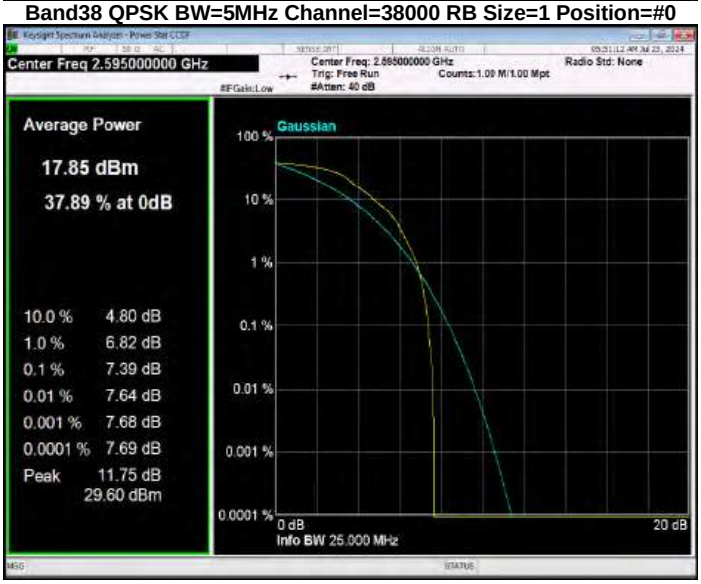
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#0

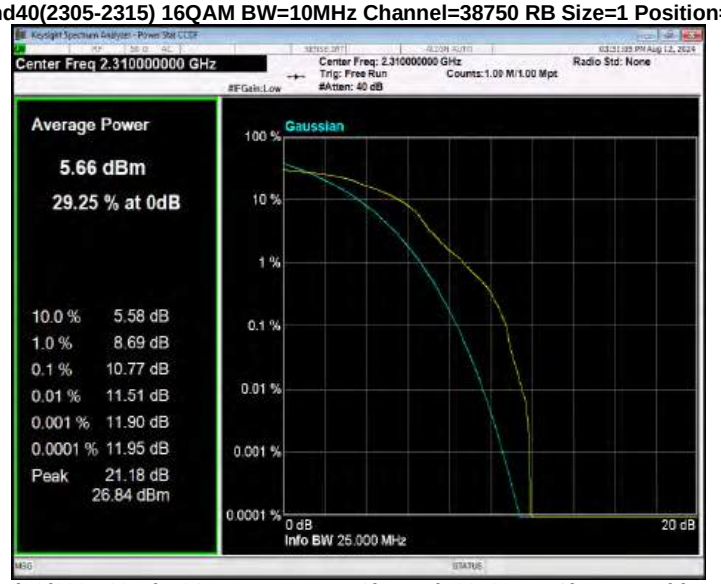
Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0

Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



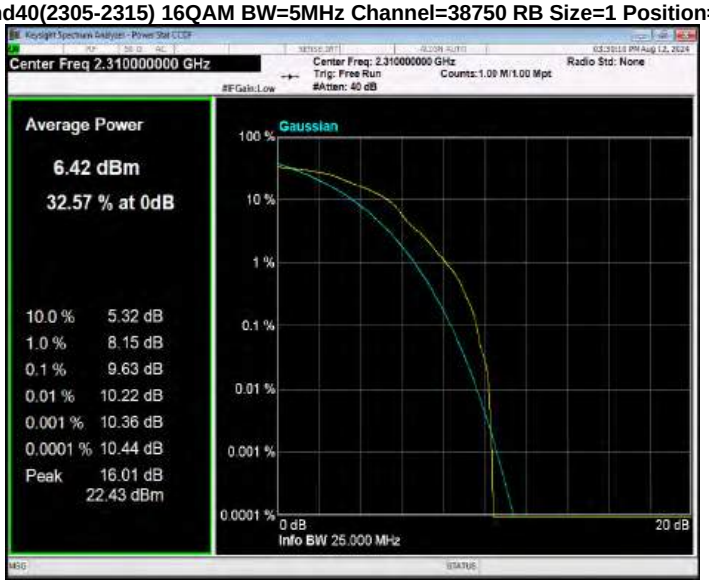
Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0

Band40(2305-2315) 16QAM BW=10MHz Channel=38750 RB Size=1 Position=#0

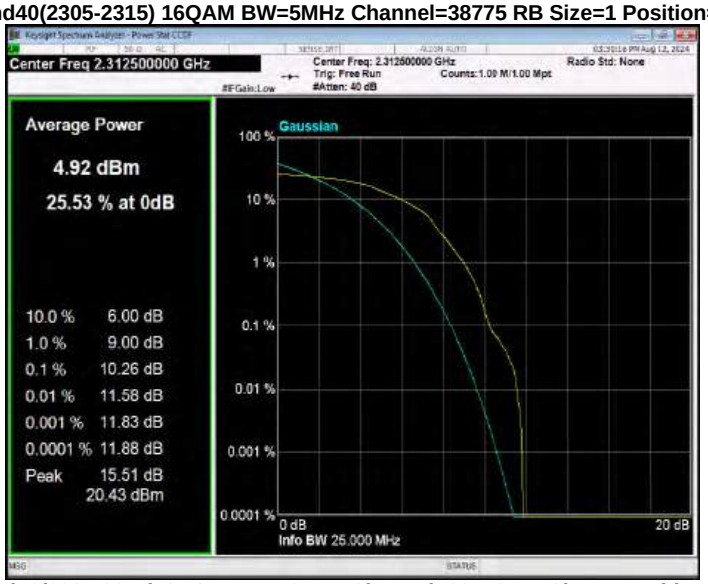


Band40(2305-2315) 16QAM BW=5MHz Channel=38725 RB Size=1 Position=#0

Band40(2305-2315) 16QAM BW=5MHz Channel=38750 RB Size=1 Position=#0

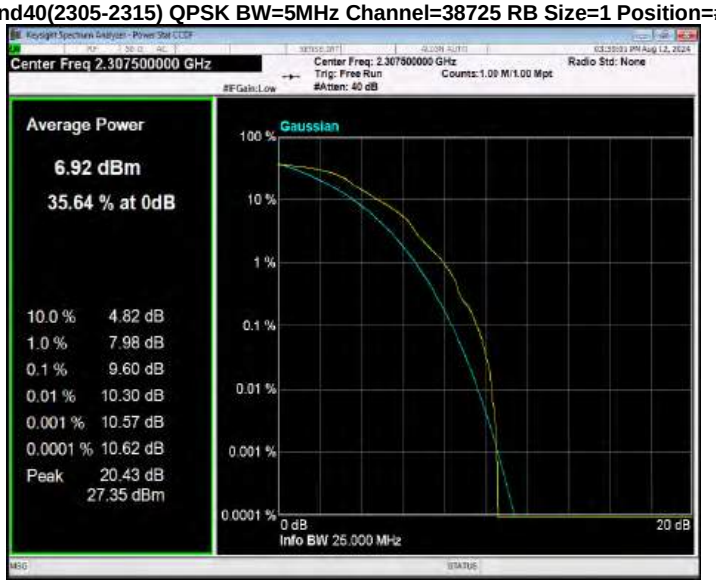


Band40(2305-2315) 16QAM BW=5MHz Channel=38775 RB Size=1 Position=#0

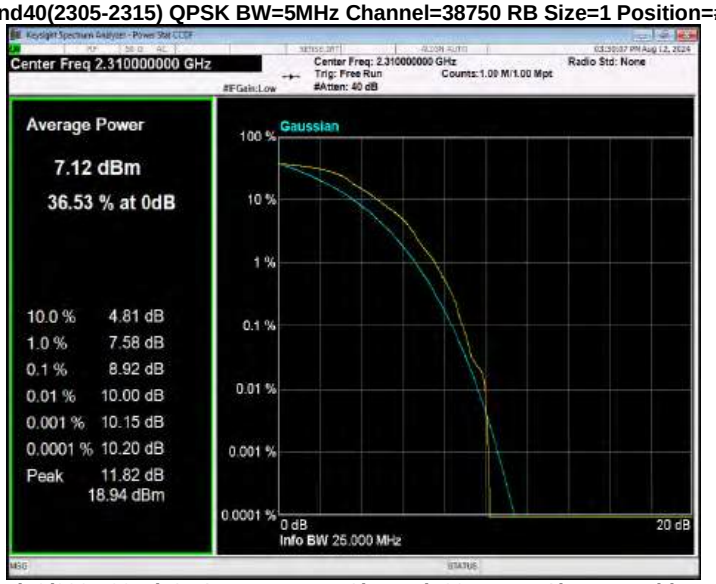


Band40(2305-2315) QPSK BW=10MHz Channel=38750 RB Size=1 Position=#0

Band40(2305-2315) QPSK BW=5MHz Channel=38725 RB Size=1 Position=#0



Band40(2305-2315) QPSK BW=5MHz Channel=38750 RB Size=1 Position=#0



Band40(2305-2315) QPSK BW=5MHz Channel=38775 RB Size=1 Position=#0

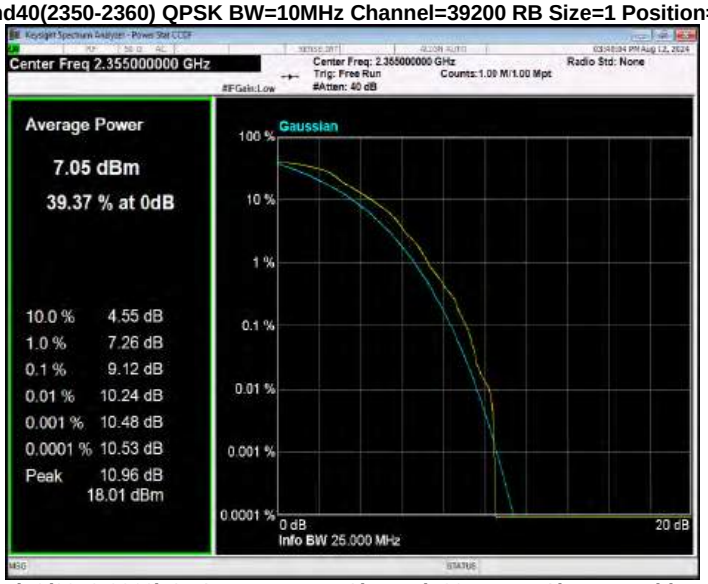
Band40(2350-2360) 16QAM BW=10MHz Channel=39200 RB Size=1 Position=#0

Band40(2350-2360) 16QAM BW=5MHz Channel=39175 RB Size=1 Position=#0

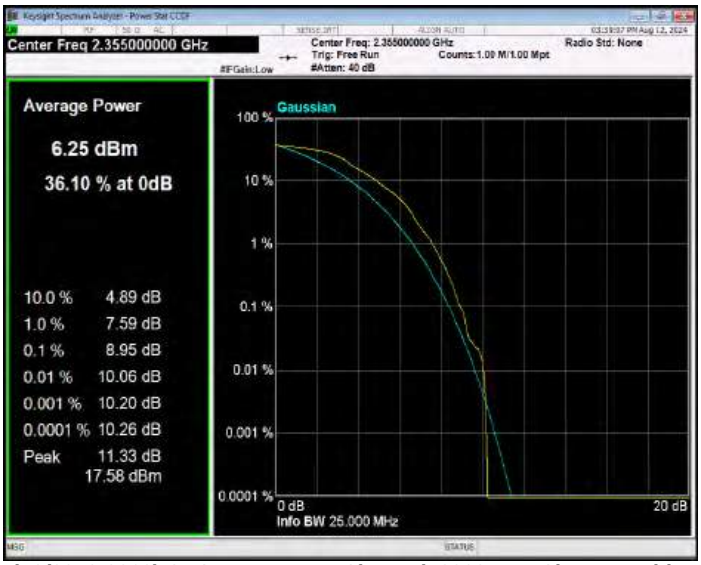
Band40(2350-2360) 16QAM BW=5MHz Channel=39200 RB Size=1 Position=#0

Band40(2350-2360) 16QAM BW=5MHz Channel=39225 RB Size=1 Position=#0

Band40(2350-2360) QPSK BW=10MHz Channel=39200 RB Size=1 Position=#0

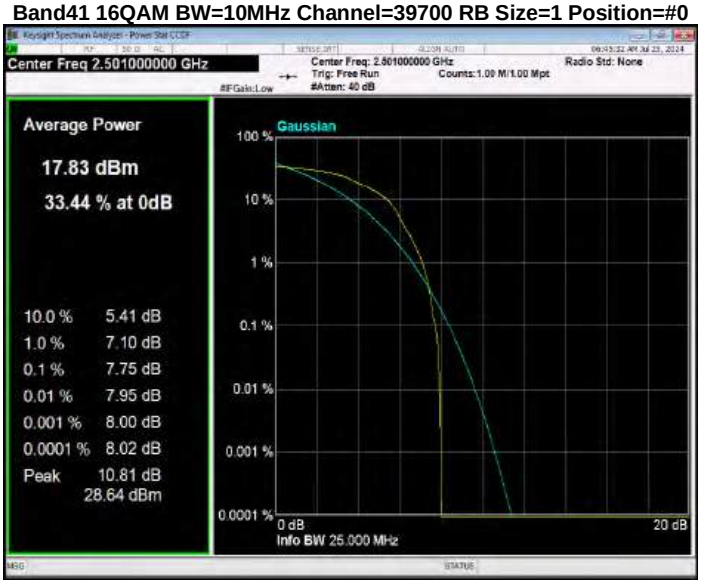


Band40(2350-2360) QPSK BW=5MHz Channel=39175 RB Size=1 Position=#0

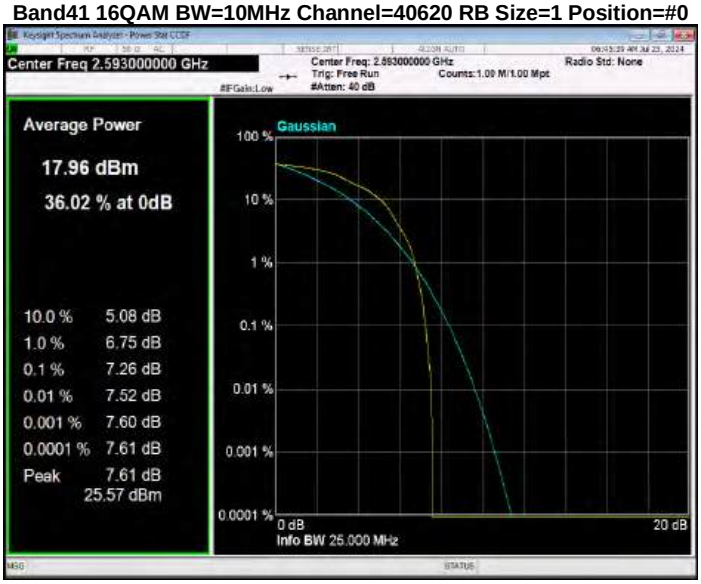


Band40(2350-2360) QPSK BW=5MHz Channel=39225 RB Size=1 Position=#0

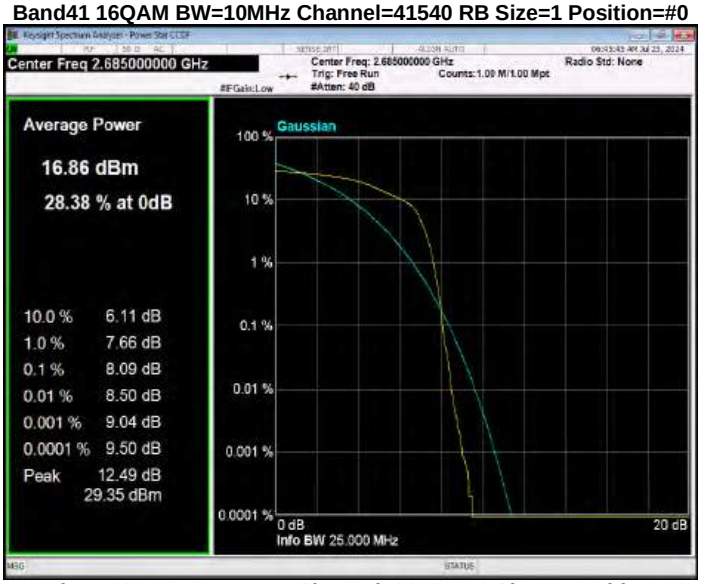
Band41 16QAM BW=10MHz Channel=39700 RB Size=1 Position=#0



Band41 16QAM BW=10MHz Channel=40620 RB Size=1 Position=#0

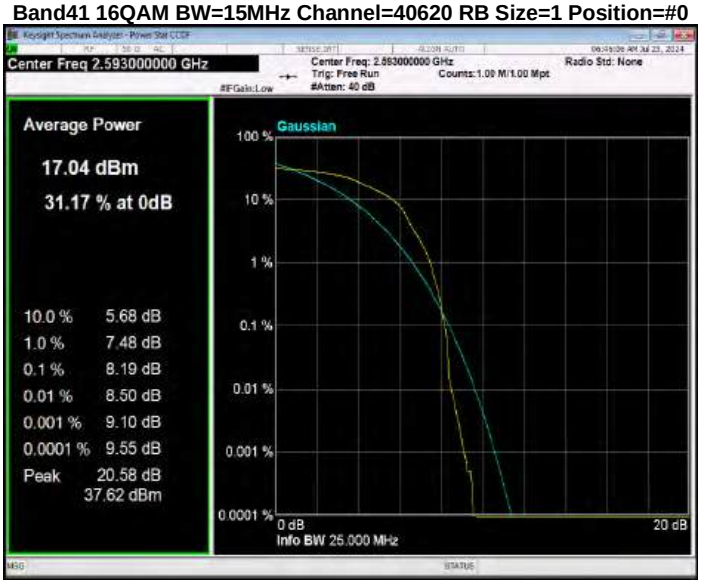


Band41 16QAM BW=10MHz Channel=41540 RB Size=1 Position=#0

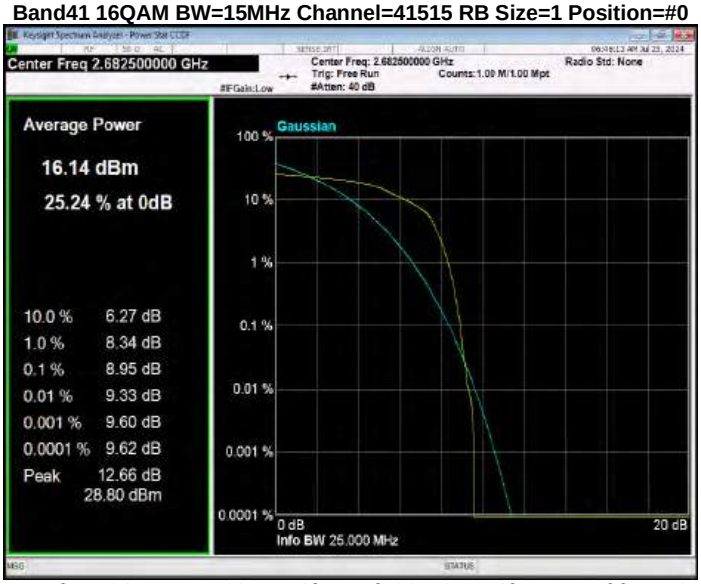


Band41 16QAM BW=15MHz Channel=39725 RB Size=1 Position=#0

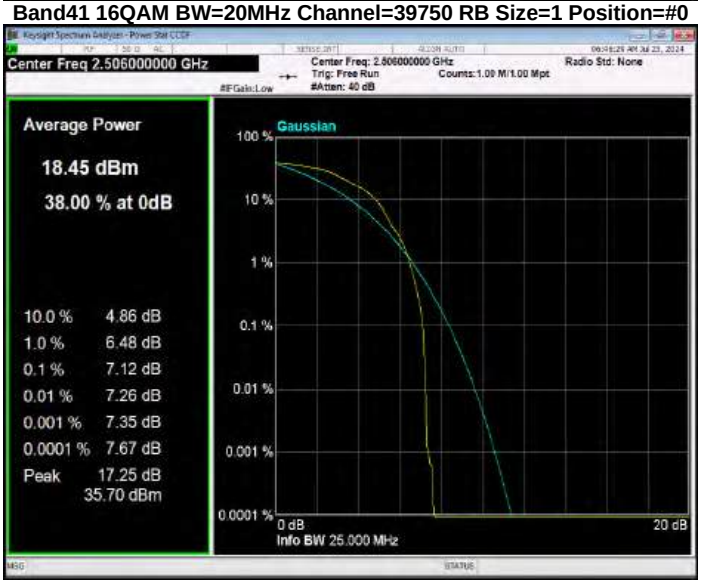
Band41 16QAM BW=15MHz Channel=40620 RB Size=1 Position=#0



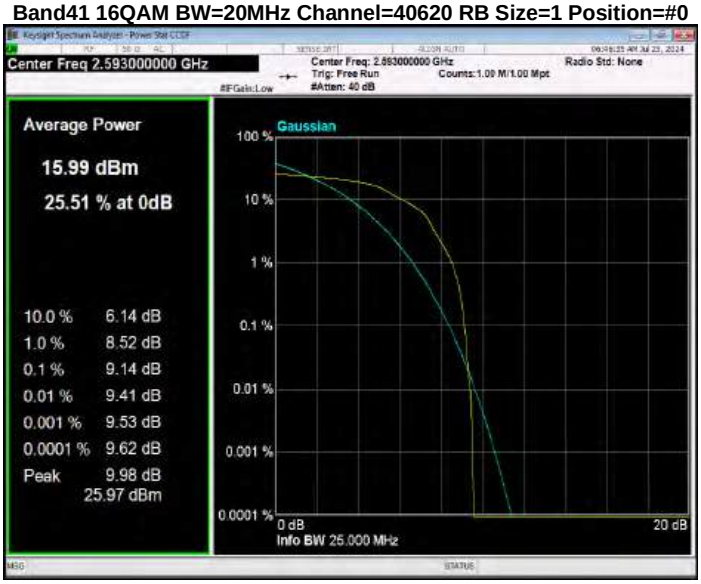
Band41 16QAM BW=15MHz Channel=41515 RB Size=1 Position=#0



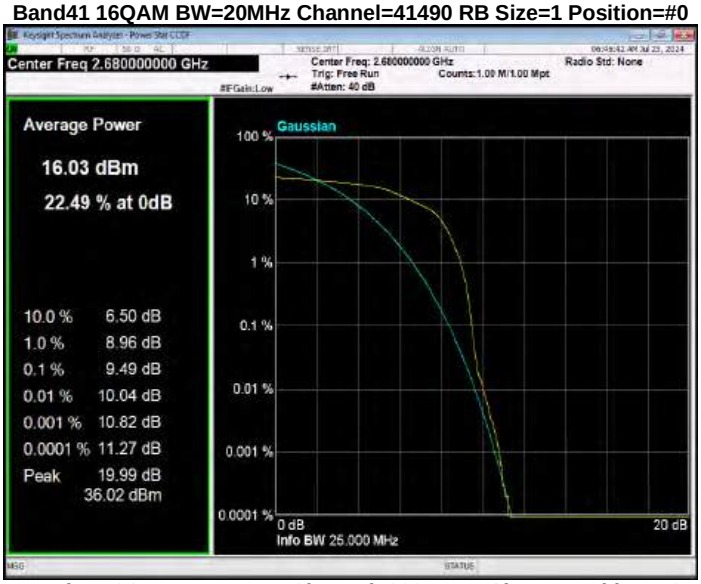
Band41 16QAM BW=20MHz Channel=39750 RB Size=1 Position=#0



Band41 16QAM BW=20MHz Channel=40620 RB Size=1 Position=#0



Band41 16QAM BW=20MHz Channel=41490 RB Size=1 Position=#0

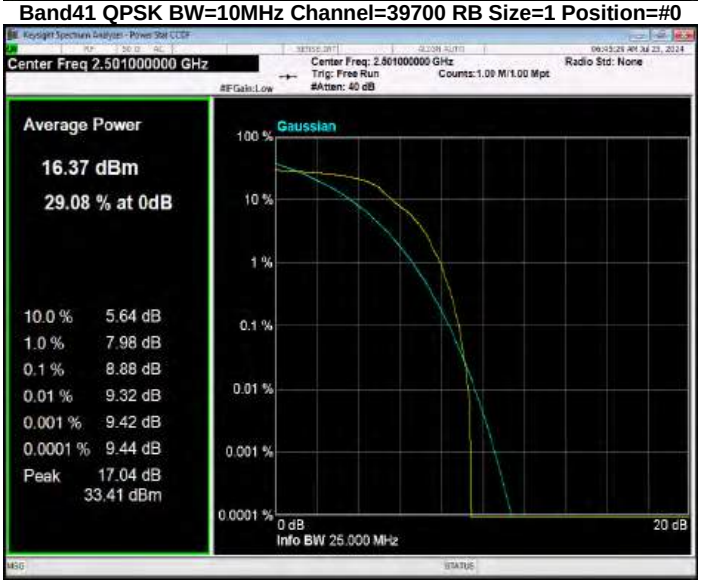


Band41 16QAM BW=5MHz Channel=39675 RB Size=1 Position=#0

Band41 16QAM BW=5MHz Channel=40620 RB Size=1 Position=#0

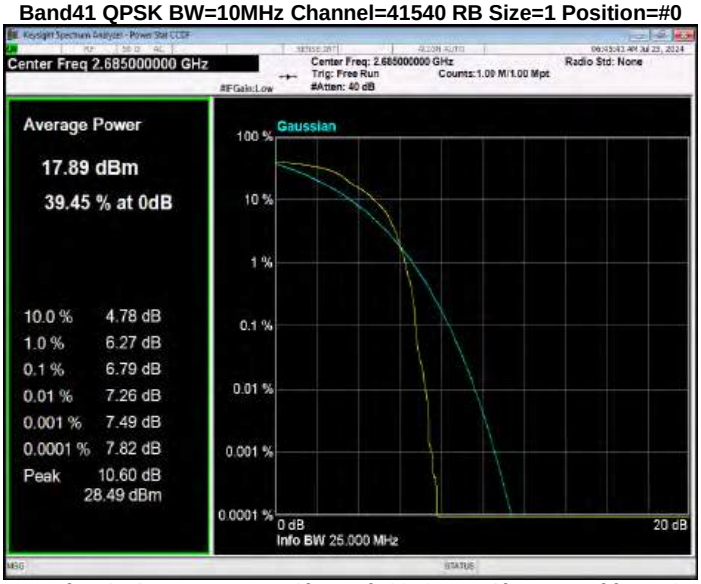
Band41 16QAM BW=5MHz Channel=41565 RB Size=1 Position=#0

Band41 QPSK BW=10MHz Channel=39700 RB Size=1 Position=#0

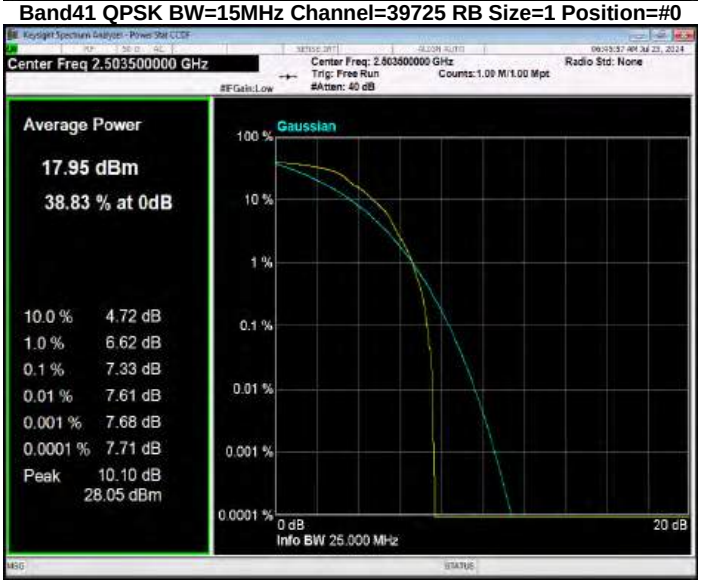


Band41 QPSK BW=10MHz Channel=40620 RB Size=1 Position=#0

Band41 QPSK BW=10MHz Channel=41540 RB Size=1 Position=#0

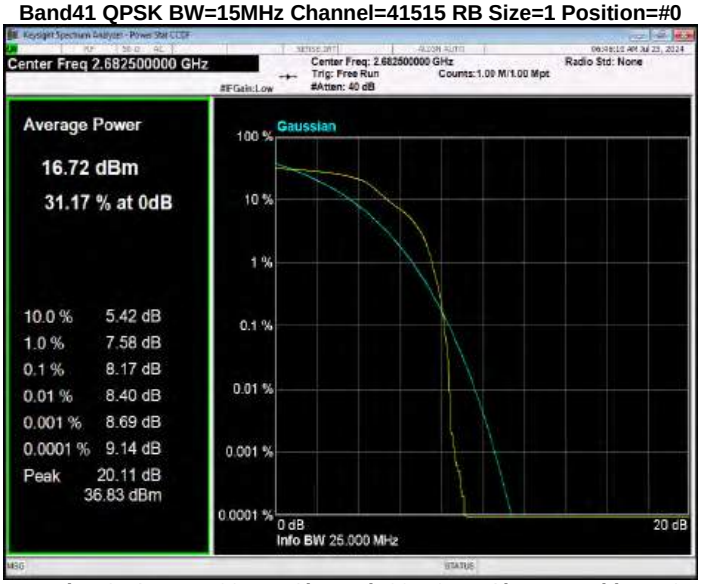


Band41 QPSK BW=15MHz Channel=39725 RB Size=1 Position=#0

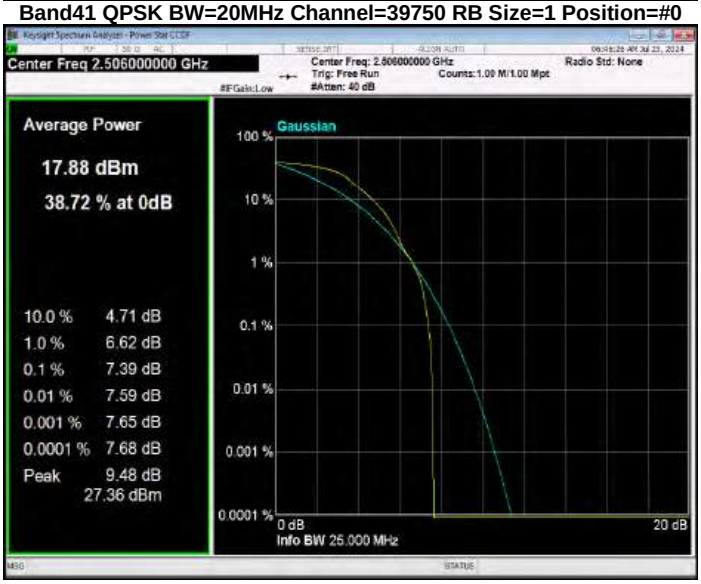


Band41 QPSK BW=15MHz Channel=40620 RB Size=1 Position=#0

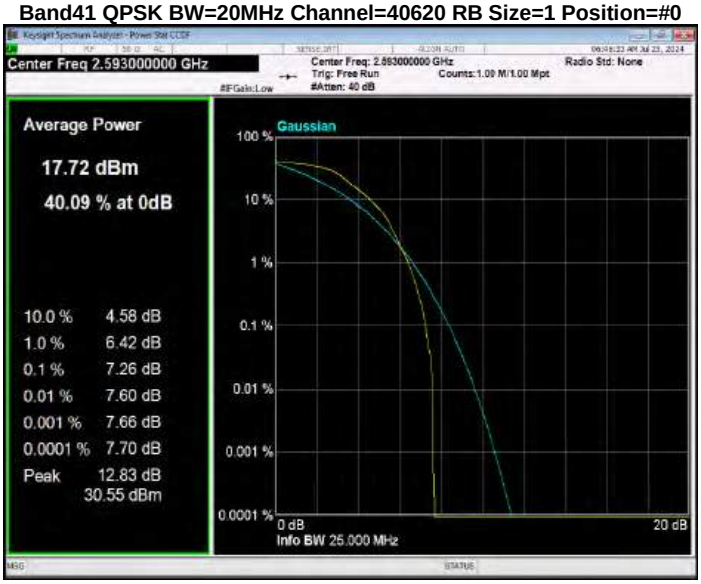
Band41 QPSK BW=15MHz Channel=41515 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=40620 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#0

Band41 QPSK BW=5MHz Channel=39675 RB Size=1 Position=#0

Band41 QPSK BW=5MHz Channel=40620 RB Size=1 Position=#0

Band41 QPSK BW=5MHz Channel=41565 RB Size=1 Position=#0

Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0

Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0

Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0

Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0

Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0

Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0

Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0

Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0

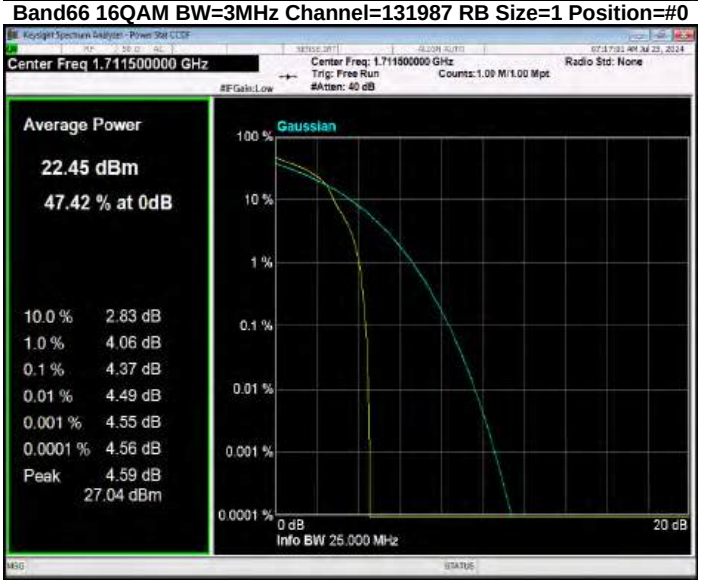
Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0

Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0

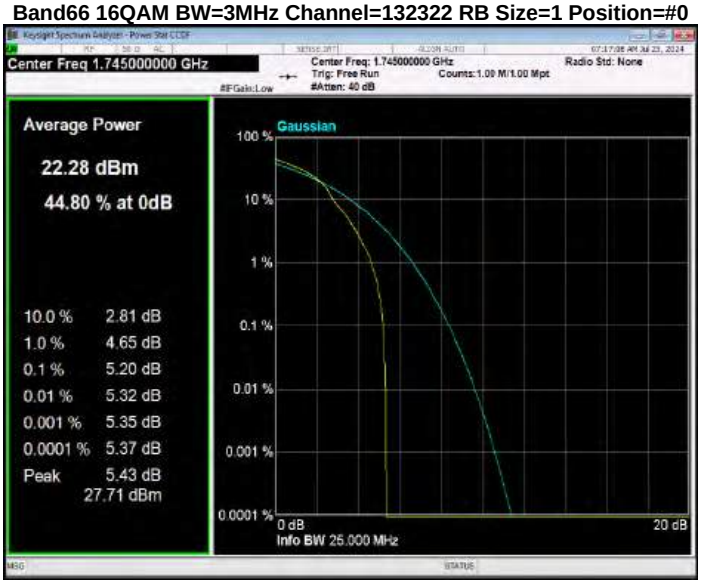
Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0

Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0

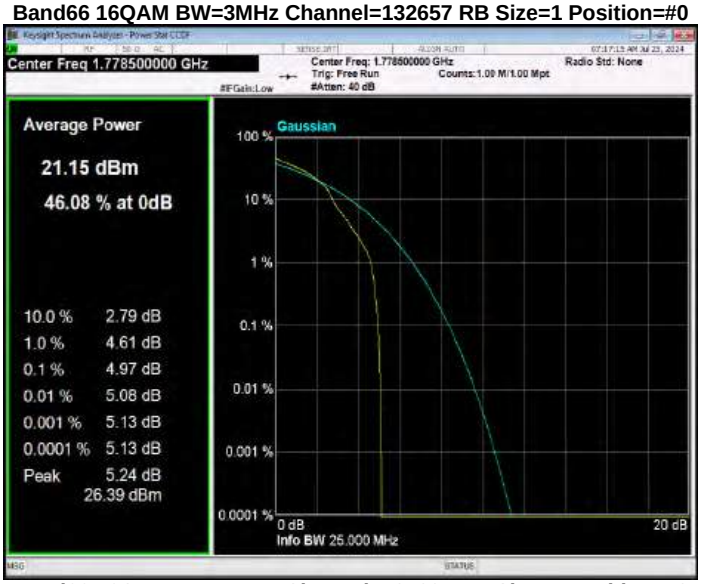
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



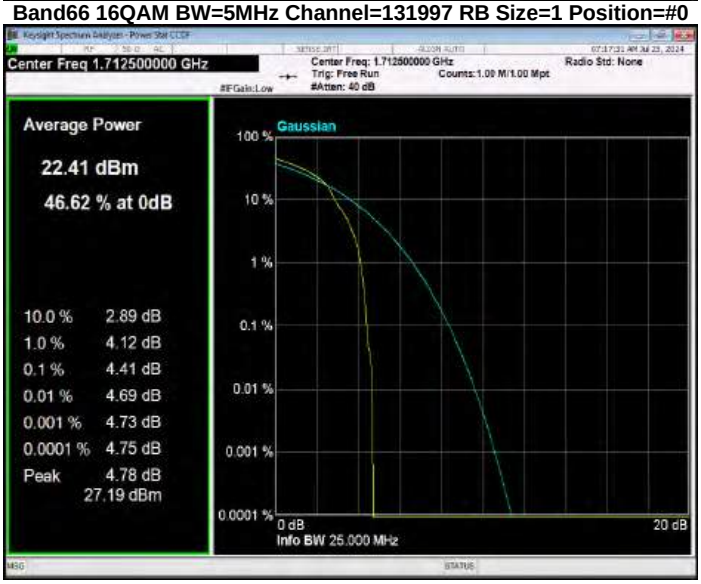
Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



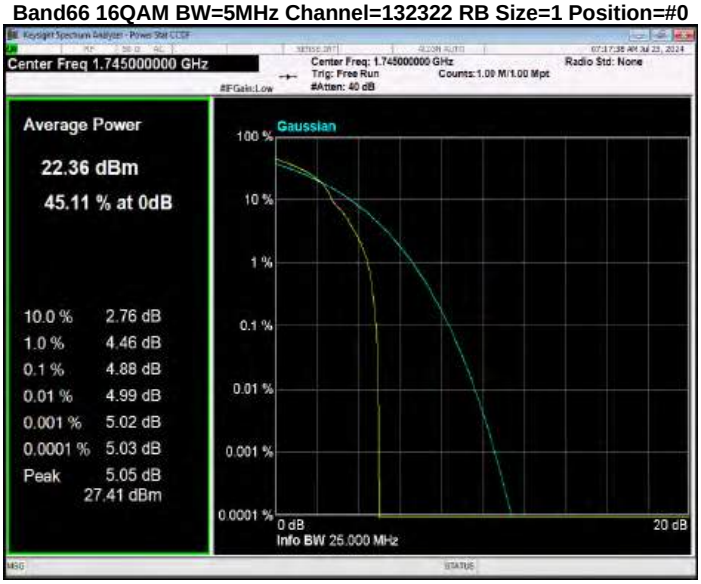
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0

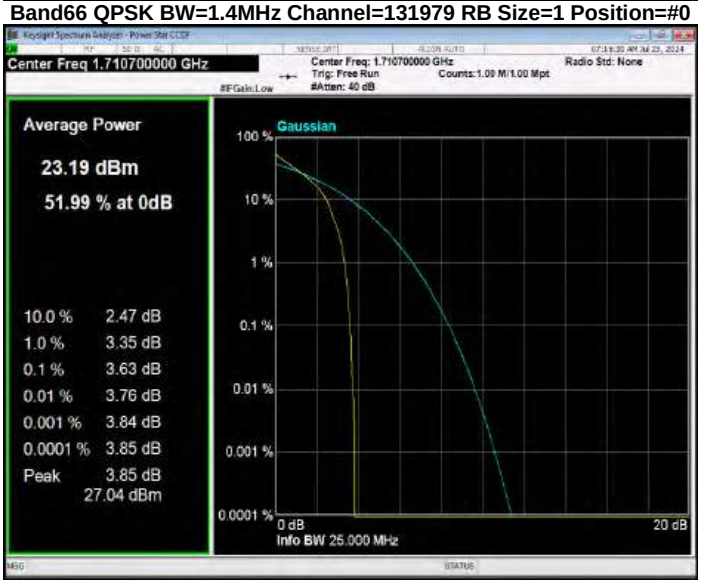


Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0

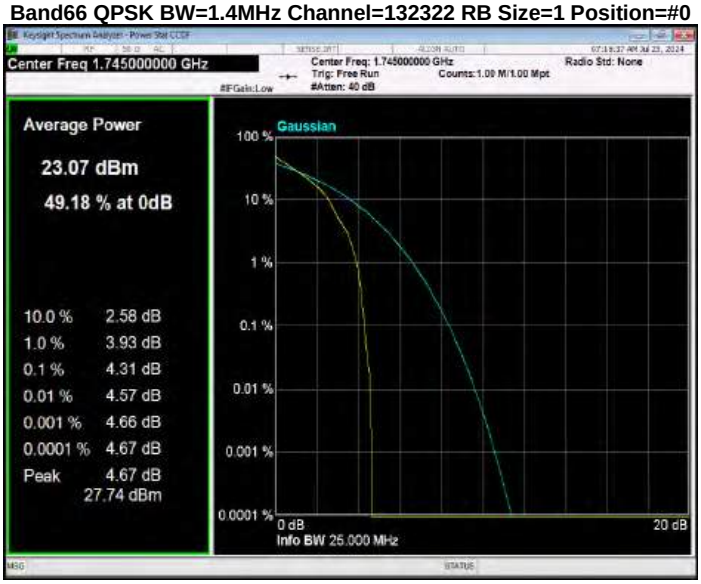


Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0

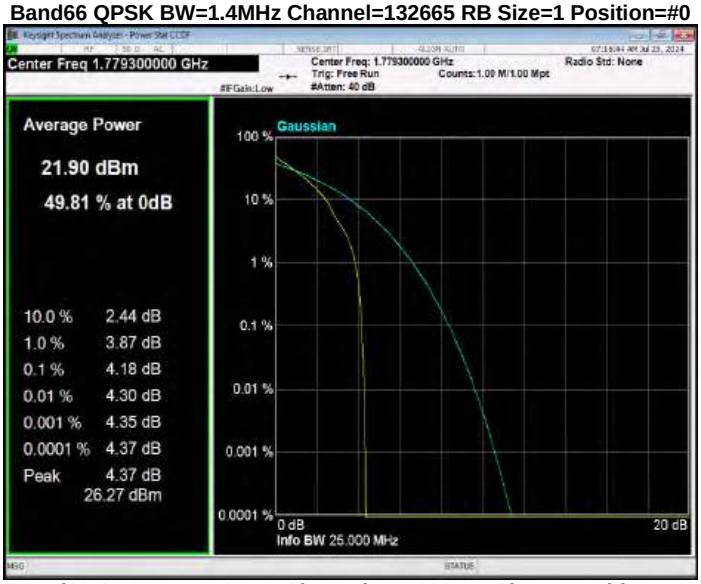
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



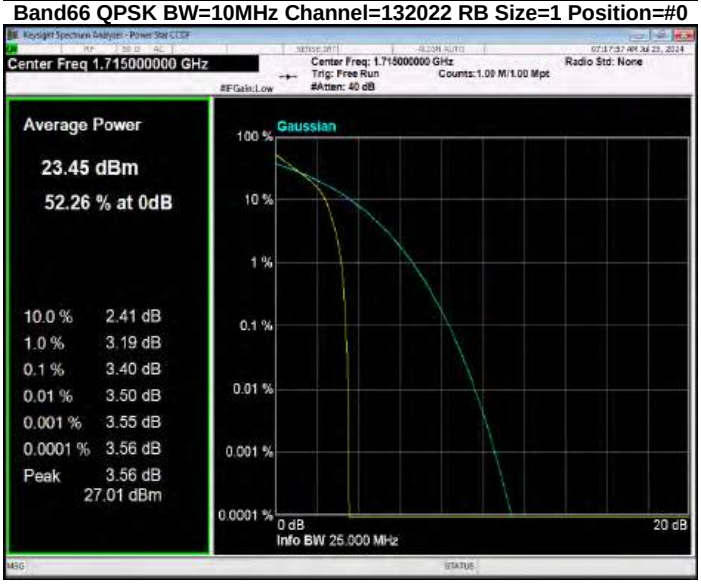
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



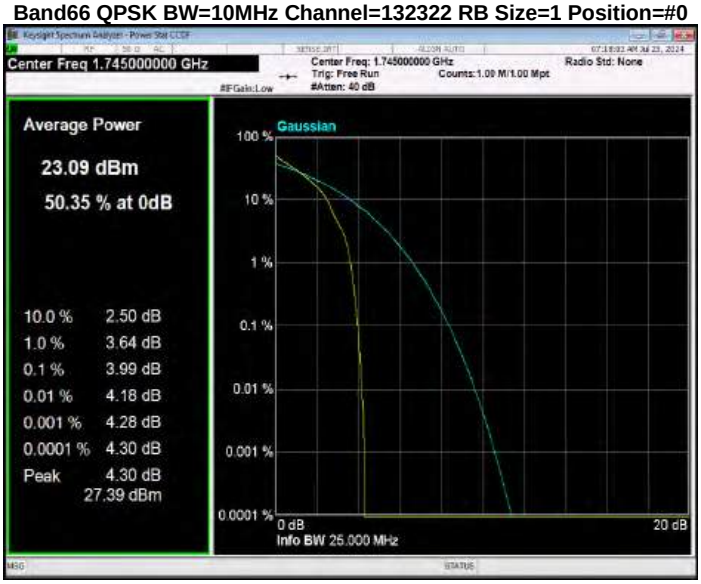
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



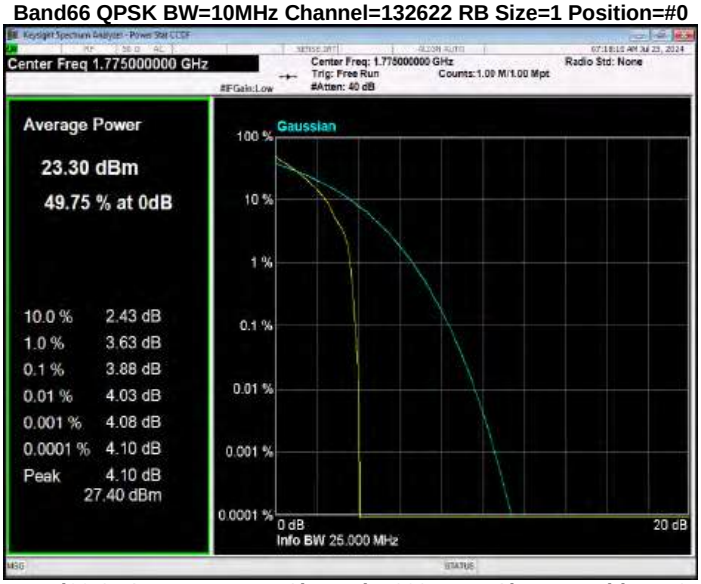
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



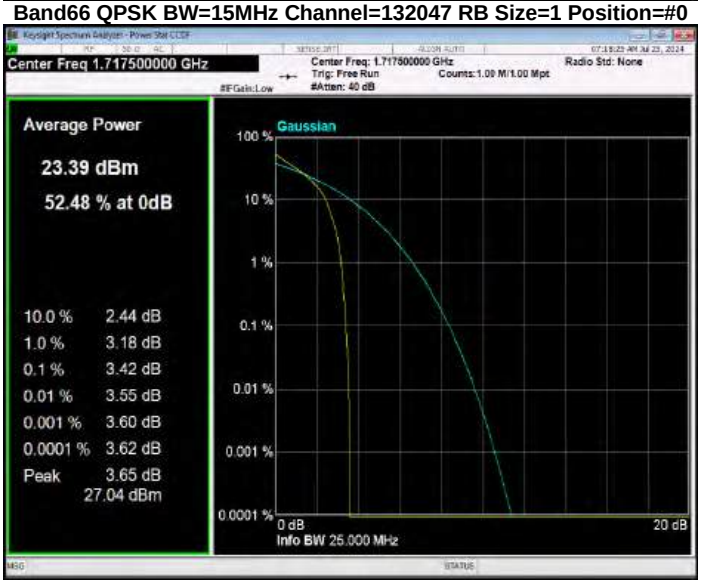
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



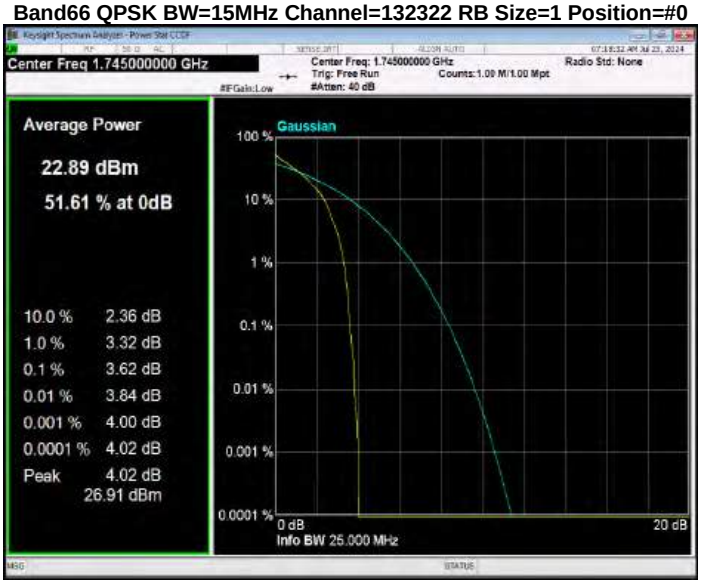
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



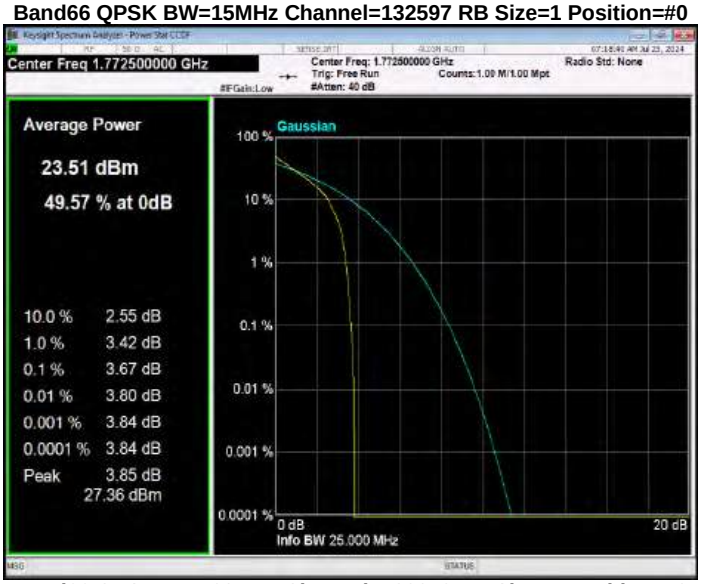
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



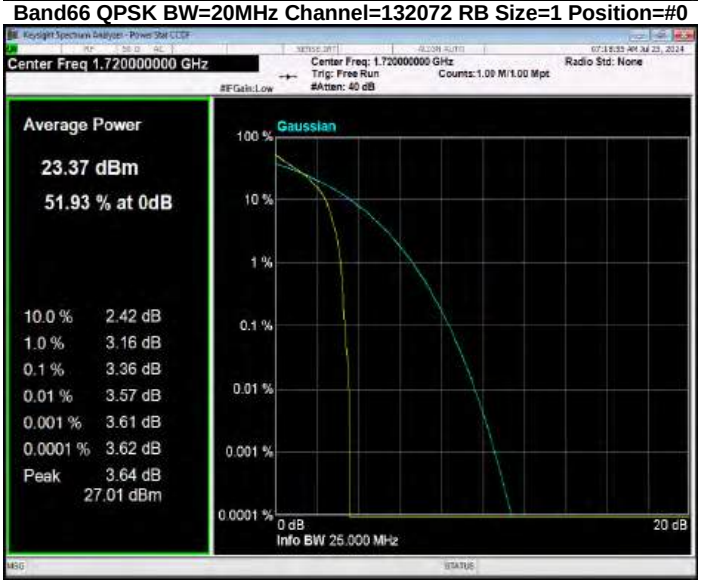
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



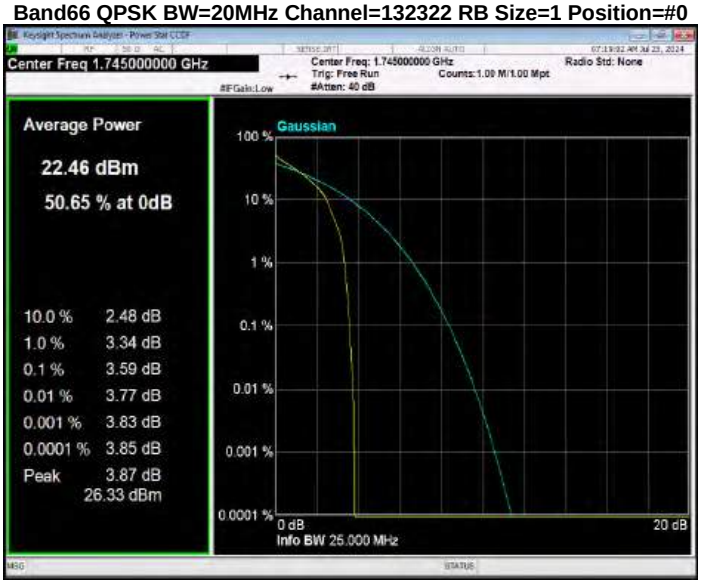
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



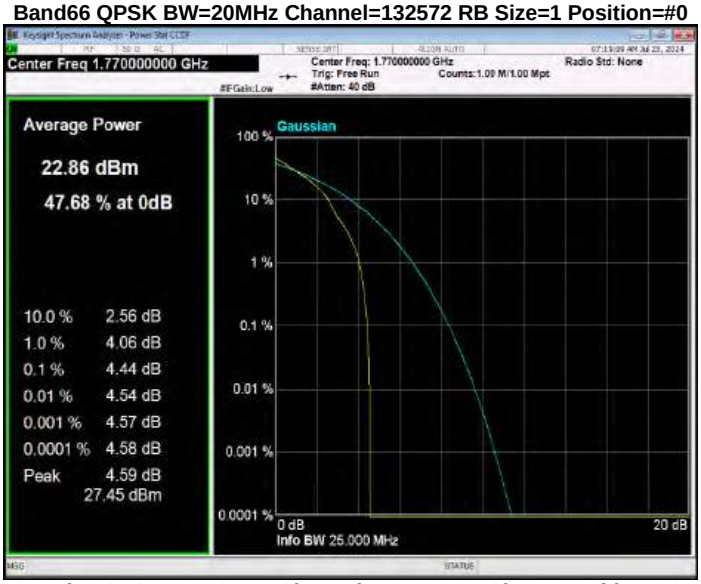
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



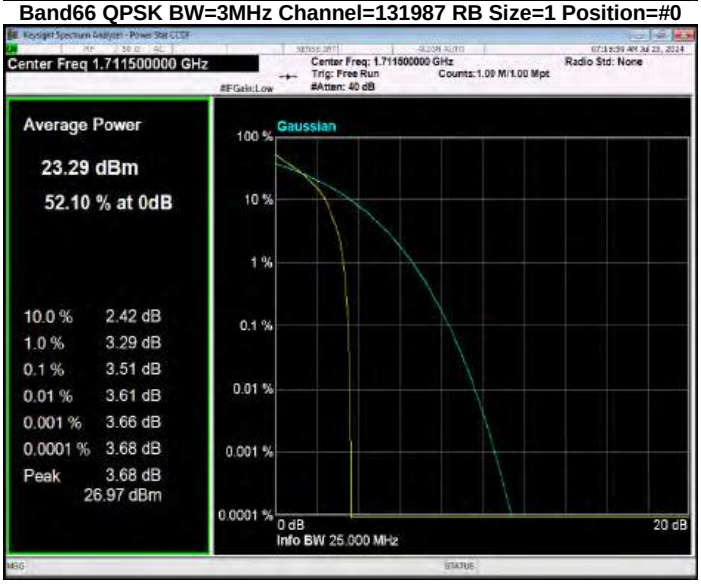
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



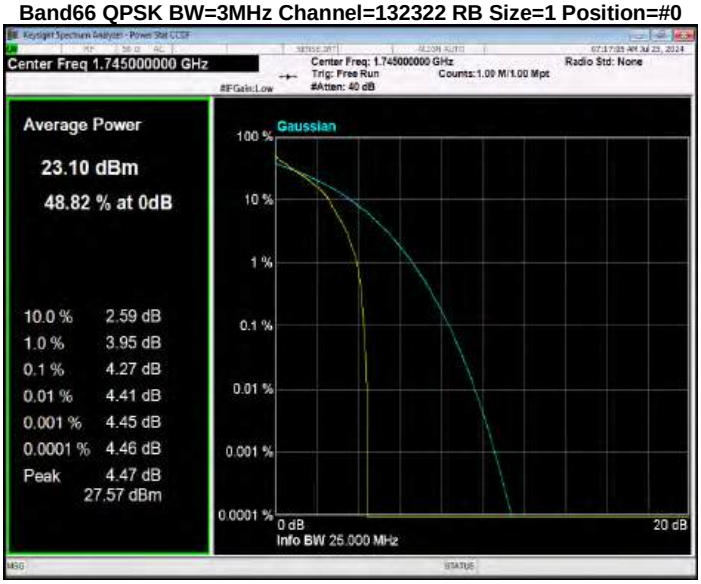
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



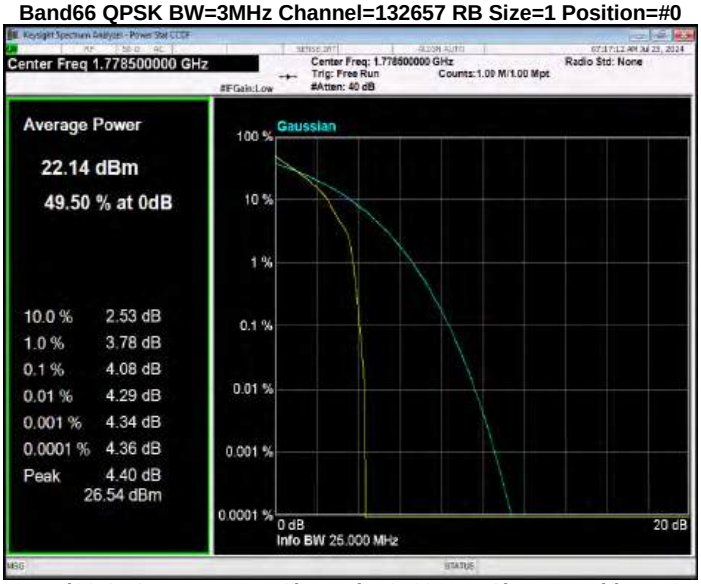
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



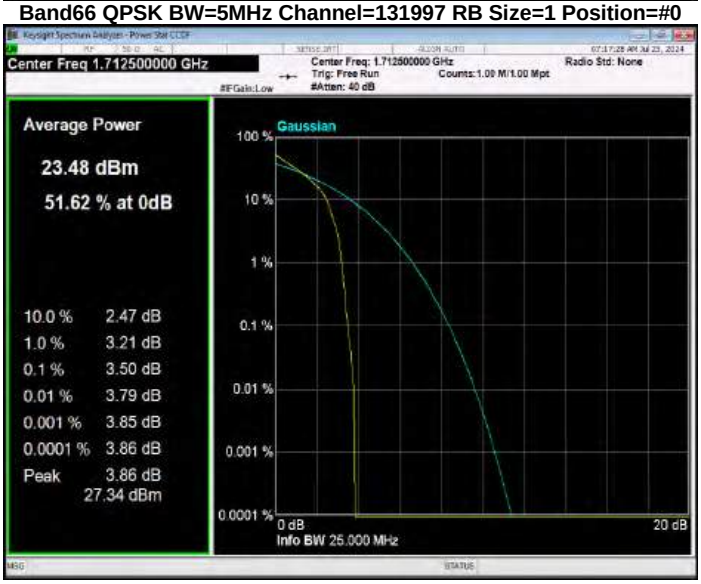
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



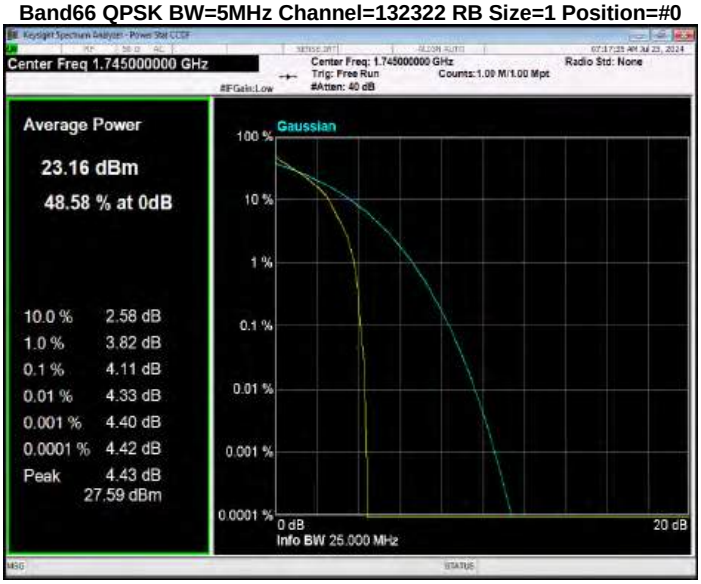
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



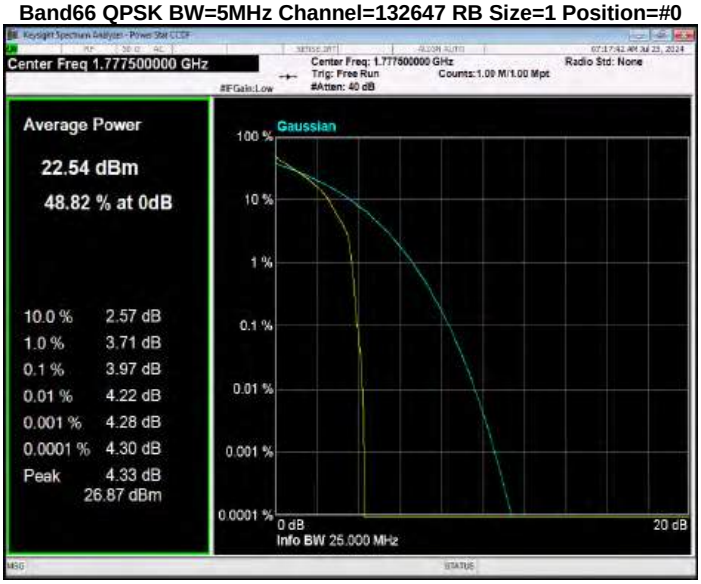
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.097	1.280	PASS
Band2	1.4	18607	6	#0	16QAM	1.102	1.281	PASS
Band2	1.4	18900	6	#0	QPSK	1.094	1.304	PASS
Band2	1.4	18900	6	#0	16QAM	1.090	1.270	PASS
Band2	1.4	19193	6	#0	QPSK	1.100	1.282	PASS
Band2	1.4	19193	6	#0	16QAM	1.095	1.284	PASS
Band2	3	18615	15	#0	QPSK	2.698	2.929	PASS
Band2	3	18615	15	#0	16QAM	2.697	2.981	PASS
Band2	3	18900	15	#0	QPSK	2.696	2.941	PASS
Band2	3	18900	15	#0	16QAM	2.703	2.976	PASS
Band2	3	19185	15	#0	QPSK	2.709	2.947	PASS
Band2	3	19185	15	#0	16QAM	2.705	2.960	PASS
Band2	5	18625	25	#0	QPSK	4.506	4.947	PASS
Band2	5	18625	25	#0	16QAM	4.509	4.920	PASS
Band2	5	18900	25	#0	QPSK	4.505	4.948	PASS
Band2	5	18900	25	#0	16QAM	4.530	4.934	PASS
Band2	5	19175	25	#0	QPSK	4.514	4.888	PASS
Band2	5	19175	25	#0	16QAM	4.506	4.936	PASS
Band2	10	18650	50	#0	QPSK	8.977	9.827	PASS
Band2	10	18650	50	#0	16QAM	8.978	9.661	PASS
Band2	10	18900	50	#0	QPSK	9.005	9.861	PASS
Band2	10	18900	50	#0	16QAM	8.967	9.678	PASS
Band2	10	19150	50	#0	QPSK	8.928	9.691	PASS
Band2	10	19150	50	#0	16QAM	8.940	9.567	PASS
Band2	15	18675	75	#0	QPSK	13.440	14.511	PASS
Band2	15	18675	75	#0	16QAM	13.454	14.566	PASS
Band2	15	18900	75	#0	QPSK	13.418	14.560	PASS
Band2	15	18900	75	#0	16QAM	13.446	14.467	PASS
Band2	15	19125	75	#0	QPSK	13.384	14.571	PASS
Band2	15	19125	75	#0	16QAM	13.364	14.486	PASS
Band2	20	18700	100	#0	QPSK	18.003	19.304	PASS
Band2	20	18700	100	#0	16QAM	17.982	19.212	PASS
Band2	20	18900	100	#0	QPSK	17.963	19.182	PASS
Band2	20	18900	100	#0	16QAM	17.885	19.278	PASS
Band2	20	19100	100	#0	QPSK	17.887	19.307	PASS
Band2	20	19100	100	#0	16QAM	17.913	19.205	PASS
Band4	1.4	19957	6	#0	QPSK	1.096	1.292	PASS
Band4	1.4	19957	6	#0	16QAM	1.099	1.271	PASS
Band4	1.4	20175	6	#0	QPSK	1.096	1.309	PASS
Band4	1.4	20175	6	#0	16QAM	1.090	1.272	PASS
Band4	1.4	20393	6	#0	QPSK	1.105	1.279	PASS
Band4	1.4	20393	6	#0	16QAM	1.095	1.287	PASS
Band4	3	19965	15	#0	QPSK	2.699	2.947	PASS
Band4	3	19965	15	#0	16QAM	2.695	2.942	PASS
Band4	3	20175	15	#0	QPSK	2.714	2.941	PASS
Band4	3	20175	15	#0	16QAM	2.704	2.958	PASS
Band4	3	20385	15	#0	QPSK	2.700	2.949	PASS
Band4	3	20385	15	#0	16QAM	2.703	2.960	PASS
Band4	5	19975	25	#0	QPSK	4.511	4.980	PASS
Band4	5	19975	25	#0	16QAM	4.514	4.951	PASS
Band4	5	20175	25	#0	QPSK	4.524	5.052	PASS
Band4	5	20175	25	#0	16QAM	4.520	4.958	PASS
Band4	5	20375	25	#0	QPSK	4.525	4.946	PASS
Band4	5	20375	25	#0	16QAM	4.509	4.940	PASS
Band4	10	20000	50	#0	QPSK	9.005	9.772	PASS
Band4	10	20000	50	#0	16QAM	8.981	9.754	PASS
Band4	10	20175	50	#0	QPSK	8.991	9.819	PASS
Band4	10	20175	50	#0	16QAM	9.021	9.801	PASS
Band4	10	20350	50	#0	QPSK	8.999	9.802	PASS
Band4	10	20350	50	#0	16QAM	8.989	9.731	PASS
Band4	15	20025	75	#0	QPSK	13.483	14.622	PASS
Band4	15	20025	75	#0	16QAM	13.522	14.460	PASS
Band4	15	20175	75	#0	QPSK	13.472	14.415	PASS
Band4	15	20175	75	#0	16QAM	13.510	14.525	PASS
Band4	15	20325	75	#0	QPSK	13.445	14.596	PASS
Band4	15	20325	75	#0	16QAM	13.445	14.546	PASS
Band4	20	20050	100	#0	QPSK	17.992	19.391	PASS
Band4	20	20050	100	#0	16QAM	17.993	19.187	PASS
Band4	20	20175	100	#0	QPSK	18.044	19.398	PASS
Band4	20	20175	100	#0	16QAM	18.009	19.436	PASS
Band4	20	20300	100	#0	QPSK	17.946	19.335	PASS
Band4	20	20300	100	#0	16QAM	17.928	19.376	PASS

Band5	1.4	20407	6	#0	QPSK	1.089	1.274	PASS
Band5	1.4	20407	6	#0	16QAM	1.098	1.227	PASS
Band5	1.4	20525	6	#0	QPSK	1.093	1.319	PASS
Band5	1.4	20525	6	#0	16QAM	1.095	1.273	PASS
Band5	1.4	20643	6	#0	QPSK	1.093	1.302	PASS
Band5	1.4	20643	6	#0	16QAM	1.097	1.320	PASS
Band5	3	20415	15	#0	QPSK	2.695	2.955	PASS
Band5	3	20415	15	#0	16QAM	2.688	2.945	PASS
Band5	3	20525	15	#0	QPSK	2.715	2.937	PASS
Band5	3	20525	15	#0	16QAM	2.703	2.961	PASS
Band5	3	20635	15	#0	QPSK	2.703	2.963	PASS
Band5	3	20635	15	#0	16QAM	2.697	2.944	PASS
Band5	5	20425	25	#0	QPSK	4.502	4.935	PASS
Band5	5	20425	25	#0	16QAM	4.509	5.033	PASS
Band5	5	20525	25	#0	QPSK	4.531	4.918	PASS
Band5	5	20525	25	#0	16QAM	4.514	4.955	PASS
Band5	5	20625	25	#0	QPSK	4.524	4.934	PASS
Band5	5	20625	25	#0	16QAM	4.548	4.967	PASS
Band5	10	20450	50	#0	QPSK	8.906	9.675	PASS
Band5	10	20450	50	#0	16QAM	8.924	9.611	PASS
Band5	10	20525	50	#0	QPSK	9.062	9.907	PASS
Band5	10	20525	50	#0	16QAM	9.048	9.842	PASS
Band5	10	20600	50	#0	QPSK	8.924	9.609	PASS
Band5	10	20600	50	#0	16QAM	8.901	9.594	PASS
Band7	5	20775	25	#0	QPSK	4.525	4.948	PASS
Band7	5	20775	25	#0	16QAM	4.512	4.920	PASS
Band7	5	21100	25	#0	QPSK	4.506	4.932	PASS
Band7	5	21100	25	#0	16QAM	4.517	4.888	PASS
Band7	5	21425	25	#0	QPSK	4.535	5.925	PASS
Band7	5	21425	25	#0	16QAM	4.521	5.021	PASS
Band7	10	20800	50	#0	QPSK	9.010	9.741	PASS
Band7	10	20800	50	#0	16QAM	8.984	9.781	PASS
Band7	10	21100	50	#0	QPSK	8.999	9.840	PASS
Band7	10	21100	50	#0	16QAM	8.997	9.732	PASS
Band7	10	21400	50	#0	QPSK	9.035	10.279	PASS
Band7	10	21400	50	#0	16QAM	9.032	9.787	PASS
Band7	15	20825	75	#0	QPSK	13.450	14.495	PASS
Band7	15	20825	75	#0	16QAM	13.444	14.403	PASS
Band7	15	21100	75	#0	QPSK	13.522	14.653	PASS
Band7	15	21100	75	#0	16QAM	13.541	14.551	PASS
Band7	15	21375	75	#0	QPSK	13.499	14.395	PASS
Band7	15	21375	75	#0	16QAM	13.535	14.606	PASS
Band7	20	20850	100	#0	QPSK	39.600	40.000	PASS
Band7	20	20850	100	#0	16QAM	39.597	40.000	PASS
Band7	20	21100	100	#0	QPSK	39.605	40.000	PASS
Band7	20	21100	100	#0	16QAM	39.628	40.000	PASS
Band7	20	21350	100	#0	QPSK	39.628	40.000	PASS
Band7	20	21350	100	#0	16QAM	39.622	40.000	PASS
Band12	1.4	23017	6	#0	QPSK	1.098	1.292	PASS
Band12	1.4	23017	6	#0	16QAM	1.096	1.276	PASS
Band12	1.4	23095	6	#0	QPSK	1.104	1.282	PASS
Band12	1.4	23095	6	#0	16QAM	1.088	1.215	PASS
Band12	1.4	23173	6	#0	QPSK	1.941	2.798	PASS
Band12	1.4	23173	6	#0	16QAM	1.820	2.758	PASS
Band12	3	23025	15	#0	QPSK	2.702	2.957	PASS
Band12	3	23025	15	#0	16QAM	2.696	2.972	PASS
Band12	3	23095	15	#0	QPSK	2.693	2.957	PASS
Band12	3	23095	15	#0	16QAM	2.700	2.961	PASS
Band12	3	23165	15	#0	QPSK	2.801	5.524	PASS
Band12	3	23165	15	#0	16QAM	2.721	4.457	PASS
Band12	5	23035	25	#0	QPSK	4.506	4.824	PASS
Band12	5	23035	25	#0	16QAM	4.529	4.938	PASS
Band12	5	23095	25	#0	QPSK	4.504	4.919	PASS
Band12	5	23095	25	#0	16QAM	4.507	4.903	PASS
Band12	5	23155	25	#0	QPSK	4.507	5.724	PASS
Band12	5	23155	25	#0	16QAM	4.519	4.952	PASS
Band12	10	23060	50	#0	QPSK	8.849	9.587	PASS
Band12	10	23060	50	#0	16QAM	8.846	9.515	PASS
Band12	10	23095	50	#0	QPSK	8.880	9.500	PASS
Band12	10	23095	50	#0	16QAM	8.902	9.520	PASS
Band12	10	23130	50	#0	QPSK	9.034	10.118	PASS
Band12	10	23130	50	#0	16QAM	9.006	9.930	PASS
Band13	5	23205	25	#0	QPSK	4.503	4.970	PASS
Band13	5	23205	25	#0	16QAM	4.511	4.933	PASS
Band13	5	23230	25	#0	QPSK	4.504	4.900	PASS
Band13	5	23230	25	#0	16QAM	4.510	4.920	PASS
Band13	5	23255	25	#0	QPSK	4.531	4.929	PASS

Band13	5	23255	25	#0	16QAM	4.512	4.934	PASS
Band13	10	23230	50	#0	QPSK	8.943	9.711	PASS
Band13	10	23230	50	#0	16QAM	8.981	9.631	PASS
Band17	5	23755	25	#0	QPSK	4.520	4.925	PASS
Band17	5	23755	25	#0	16QAM	4.501	4.874	PASS
Band17	5	23790	25	#0	QPSK	4.528	4.932	PASS
Band17	5	23790	25	#0	16QAM	4.531	4.902	PASS
Band17	5	23825	25	#0	QPSK	4.498	4.930	PASS
Band17	5	23825	25	#0	16QAM	4.513	4.960	PASS
Band17	10	23780	50	#0	QPSK	9.008	9.780	PASS
Band17	10	23780	50	#0	16QAM	9.005	9.775	PASS
Band17	10	23790	50	#0	QPSK	8.988	9.753	PASS
Band17	10	23790	50	#0	16QAM	9.008	9.747	PASS
Band17	10	23800	50	#0	QPSK	8.998	9.713	PASS
Band17	10	23800	50	#0	16QAM	8.989	9.704	PASS
Band25	1.4	26047	6	#0	QPSK	1.101	1.292	PASS
Band25	1.4	26047	6	#0	16QAM	1.093	1.279	PASS
Band25	1.4	26365	6	#0	QPSK	1.109	1.275	PASS
Band25	1.4	26365	6	#0	16QAM	1.099	1.264	PASS
Band25	1.4	26683	6	#0	QPSK	1.093	1.302	PASS
Band25	1.4	26683	6	#0	16QAM	1.100	1.292	PASS
Band25	3	26055	15	#0	QPSK	2.705	2.932	PASS
Band25	3	26055	15	#0	16QAM	2.705	2.942	PASS
Band25	3	26365	15	#0	QPSK	2.691	2.945	PASS
Band25	3	26365	15	#0	16QAM	2.694	2.953	PASS
Band25	3	26675	15	#0	QPSK	2.687	2.973	PASS
Band25	3	26675	15	#0	16QAM	2.689	2.920	PASS
Band25	5	26065	25	#0	QPSK	4.509	4.956	PASS
Band25	5	26065	25	#0	16QAM	4.507	4.892	PASS
Band25	5	26365	25	#0	QPSK	4.511	4.942	PASS
Band25	5	26365	25	#0	16QAM	4.520	4.949	PASS
Band25	5	26665	25	#0	QPSK	4.512	4.906	PASS
Band25	5	26665	25	#0	16QAM	4.505	4.963	PASS
Band25	10	26090	50	#0	QPSK	9.017	9.769	PASS
Band25	10	26090	50	#0	16QAM	9.012	9.715	PASS
Band25	10	26365	50	#0	QPSK	8.997	9.697	PASS
Band25	10	26365	50	#0	16QAM	8.986	9.764	PASS
Band25	10	26640	50	#0	QPSK	9.023	9.761	PASS
Band25	10	26640	50	#0	16QAM	9.016	9.729	PASS
Band25	15	26115	75	#0	QPSK	13.446	14.479	PASS
Band25	15	26115	75	#0	16QAM	13.413	14.616	PASS
Band25	15	26365	75	#0	QPSK	13.448	14.560	PASS
Band25	15	26365	75	#0	16QAM	13.446	14.579	PASS
Band25	15	26615	75	#0	QPSK	13.517	14.555	PASS
Band25	15	26615	75	#0	16QAM	13.478	14.635	PASS
Band25	20	26140	100	#0	QPSK	17.945	19.225	PASS
Band25	20	26140	100	#0	16QAM	17.944	19.285	PASS
Band25	20	26365	100	#0	QPSK	17.918	19.280	PASS
Band25	20	26365	100	#0	16QAM	17.942	19.360	PASS
Band25	20	26590	100	#0	QPSK	17.921	19.246	PASS
Band25	20	26590	100	#0	16QAM	17.962	19.386	PASS
Band26(814-824)	1.4	26697	6	#0	QPSK	1.097	1.292	PASS
Band26(814-824)	1.4	26697	6	#0	16QAM	1.092	1.280	PASS
Band26(814-824)	1.4	26740	6	#0	QPSK	1.098	1.274	PASS
Band26(814-824)	1.4	26740	6	#0	16QAM	1.098	1.291	PASS
Band26(814-824)	1.4	26783	6	#0	QPSK	1.088	1.284	PASS
Band26(814-824)	1.4	26783	6	#0	16QAM	1.103	1.318	PASS
Band26(814-824)	3	26705	15	#0	QPSK	2.700	2.951	PASS
Band26(814-824)	3	26705	15	#0	16QAM	2.688	2.964	PASS
Band26(814-824)	3	26740	15	#0	QPSK	2.700	2.942	PASS
Band26(814-824)	3	26740	15	#0	16QAM	2.688	2.969	PASS
Band26(814-824)	3	26775	15	#0	QPSK	2.698	2.945	PASS
Band26(814-824)	3	26775	15	#0	16QAM	2.705	2.935	PASS
Band26(814-824)	5	26715	25	#0	QPSK	4.514	4.883	PASS
Band26(814-824)	5	26715	25	#0	16QAM	4.494	4.899	PASS
Band26(814-824)	5	26740	25	#0	QPSK	4.505	4.904	PASS
Band26(814-824)	5	26740	25	#0	16QAM	4.514	4.959	PASS
Band26(814-824)	5	26765	25	#0	QPSK	4.520	4.950	PASS
Band26(814-824)	5	26765	25	#0	16QAM	4.533	4.985	PASS
Band26(814-824)	10	26740	50	#0	QPSK	8.977	9.553	PASS
Band26(814-824)	10	26740	50	#0	16QAM	8.958	9.715	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	1.093	1.291	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	1.101	1.315	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	1.098	1.294	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	1.094	1.277	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	1.104	1.282	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	1.094	1.278	PASS

Band26(824-849)	3	26805	15	#0	QPSK	2.698	2.936	PASS
Band26(824-849)	3	26805	15	#0	16QAM	2.690	2.940	PASS
Band26(824-849)	3	26915	15	#0	QPSK	2.704	2.960	PASS
Band26(824-849)	3	26915	15	#0	16QAM	2.695	2.968	PASS
Band26(824-849)	3	27025	15	#0	QPSK	2.691	2.964	PASS
Band26(824-849)	3	27025	15	#0	16QAM	2.687	2.960	PASS
Band26(824-849)	5	26815	25	#0	QPSK	4.520	4.936	PASS
Band26(824-849)	5	26815	25	#0	16QAM	4.512	4.899	PASS
Band26(824-849)	5	26915	25	#0	QPSK	4.515	4.916	PASS
Band26(824-849)	5	26915	25	#0	16QAM	4.509	4.899	PASS
Band26(824-849)	5	27015	25	#0	QPSK	4.495	4.928	PASS
Band26(824-849)	5	27015	25	#0	16QAM	4.503	4.894	PASS
Band26(824-849)	10	26840	50	#0	QPSK	8.971	9.728	PASS
Band26(824-849)	10	26840	50	#0	16QAM	8.986	9.714	PASS
Band26(824-849)	10	26915	50	#0	QPSK	8.935	9.789	PASS
Band26(824-849)	10	26915	50	#0	16QAM	8.949	9.692	PASS
Band26(824-849)	10	26990	50	#0	QPSK	9.033	9.736	PASS
Band26(824-849)	10	26990	50	#0	16QAM	8.993	9.700	PASS
Band26(824-849)	15	26865	75	#0	QPSK	13.461	14.395	PASS
Band26(824-849)	15	26865	75	#0	16QAM	13.521	14.514	PASS
Band26(824-849)	15	26915	75	#0	QPSK	13.435	14.685	PASS
Band26(824-849)	15	26915	75	#0	16QAM	13.380	14.546	PASS
Band26(824-849)	15	26965	75	#0	QPSK	13.480	14.594	PASS
Band26(824-849)	15	26965	75	#0	16QAM	13.455	14.527	PASS
Band38	5	37775	25	#0	QPSK	4.510	4.860	PASS
Band38	5	37775	25	#0	16QAM	4.501	4.941	PASS
Band38	5	38000	25	#0	QPSK	4.515	4.925	PASS
Band38	5	38000	25	#0	16QAM	4.510	4.875	PASS
Band38	5	38225	25	#0	QPSK	4.492	5.455	PASS
Band38	5	38225	25	#0	16QAM	4.517	5.005	PASS
Band38	10	37800	50	#0	QPSK	8.990	9.972	PASS
Band38	10	37800	50	#0	16QAM	9.023	10.716	PASS
Band38	10	38000	50	#0	QPSK	8.999	9.787	PASS
Band38	10	38000	50	#0	16QAM	9.002	9.712	PASS
Band38	10	38200	50	#0	QPSK	9.001	9.761	PASS
Band38	10	38200	50	#0	16QAM	9.002	9.675	PASS
Band38	15	37825	75	#0	QPSK	13.486	15.580	PASS
Band38	15	37825	75	#0	16QAM	13.461	15.060	PASS
Band38	15	38000	75	#0	QPSK	13.439	17.683	PASS
Band38	15	38000	75	#0	16QAM	13.438	14.903	PASS
Band38	15	38175	75	#0	QPSK	13.447	16.174	PASS
Band38	15	38175	75	#0	16QAM	13.443	21.889	PASS
Band38	20	37850	100	#0	QPSK	17.991	27.108	PASS
Band38	20	37850	100	#0	16QAM	18.039	23.754	PASS
Band38	20	38000	100	#0	QPSK	17.875	19.718	PASS
Band38	20	38000	100	#0	16QAM	17.887	29.686	PASS
Band38	20	38150	100	#0	QPSK	17.979	24.015	PASS
Band38	20	38150	100	#0	16QAM	17.994	22.524	PASS
Band40(2305-2315)	5	38725	25	#0	QPSK	4.517	4.923	PASS
Band40(2305-2315)	5	38725	25	#0	16QAM	4.503	4.884	PASS
Band40(2305-2315)	5	38750	25	#0	QPSK	4.510	5.052	PASS
Band40(2305-2315)	5	38750	25	#0	16QAM	4.498	5.051	PASS
Band40(2305-2315)	5	38775	25	#0	QPSK	4.517	4.968	PASS
Band40(2305-2315)	5	38775	25	#0	16QAM	4.507	4.914	PASS
Band40(2305-2315)	10	38750	50	#0	QPSK	8.986	9.911	PASS
Band40(2305-2315)	10	38750	50	#0	16QAM	8.984	9.688	PASS
Band40(2350-2360)	5	39175	25	#0	QPSK	4.507	5.275	PASS
Band40(2350-2360)	5	39175	25	#0	16QAM	4.512	5.103	PASS
Band40(2350-2360)	5	39200	25	#0	QPSK	4.514	4.980	PASS
Band40(2350-2360)	5	39200	25	#0	16QAM	4.513	4.943	PASS
Band40(2350-2360)	5	39225	25	#0	QPSK	4.515	4.960	PASS
Band40(2350-2360)	5	39225	25	#0	16QAM	4.484	4.926	PASS
Band40(2350-2360)	10	39200	50	#0	QPSK	8.985	9.729	PASS
Band40(2350-2360)	10	39200	50	#0	16QAM	8.985	9.646	PASS
Band41	5	39675	25	#0	QPSK	4.511	5.405	PASS
Band41	5	39675	25	#0	16QAM	4.509	5.025	PASS
Band41	5	40620	25	#0	QPSK	4.514	4.858	PASS
Band41	5	40620	25	#0	16QAM	4.494	4.979	PASS
Band41	5	41565	25	#0	QPSK	4.513	5.350	PASS
Band41	5	41565	25	#0	16QAM	4.527	5.716	PASS
Band41	10	39700	50	#0	QPSK	9.012	10.111	PASS
Band41	10	39700	50	#0	16QAM	8.975	11.032	PASS
Band41	10	40620	50	#0	QPSK	8.999	9.815	PASS
Band41	10	40620	50	#0	16QAM	8.965	9.688	PASS
Band41	10	41540	50	#0	QPSK	9.001	11.319	PASS
Band41	10	41540	50	#0	16QAM	8.996	9.659	PASS
Band41	15	39725	75	#0	QPSK	13.452	14.869	PASS