

Occupied Bandwidth

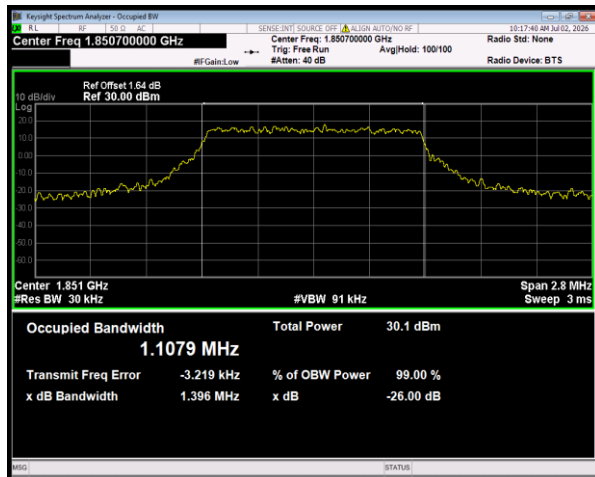
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
Band2	1.4	18607	6	#0	QPSK	1.108	1.396
Band2	1.4	18607	6	#0	16QAM	1.112	1.454
Band2	1.4	18900	6	#0	QPSK	1.111	1.424
Band2	1.4	18900	6	#0	16QAM	1.125	1.43
Band2	1.4	19193	6	#0	QPSK	1.119	1.424
Band2	1.4	19193	6	#0	16QAM	1.126	1.457
Band2	3	18615	15	#0	QPSK	2.729	3.309
Band2	3	18615	15	#0	16QAM	2.725	3.263
Band2	3	18900	15	#0	QPSK	2.726	3.278
Band2	3	18900	15	#0	16QAM	2.72	3.196
Band2	3	19185	15	#0	QPSK	2.734	3.312
Band2	3	19185	15	#0	16QAM	2.731	3.326
Band2	5	18625	25	#0	QPSK	4.472	5.249
Band2	5	18625	25	#0	16QAM	4.462	5.191
Band2	5	18900	25	#0	QPSK	4.464	5.113
Band2	5	18900	25	#0	16QAM	4.462	5.152
Band2	5	19175	25	#0	QPSK	4.465	5.028
Band2	5	19175	25	#0	16QAM	4.484	5.164
Band2	10	18650	50	#0	QPSK	9.01	10.716
Band2	10	18650	27	#0	16QAM	5.107	9.208
Band2	10	18900	50	#0	QPSK	9.009	11.207
Band2	10	18900	27	#0	16QAM	5.037	7.633
Band2	10	19150	50	#0	QPSK	9.034	10.531
Band2	10	19150	27	#0	16QAM	5.053	8.022
Band2	15	18675	75	#0	QPSK	13.499	15.326
Band2	15	18675	27	#0	16QAM	5.406	8.85
Band2	15	18900	75	#0	QPSK	13.527	15.574
Band2	15	18900	27	#0	16QAM	5.103	8.7
Band2	15	19125	75	#0	QPSK	13.427	15.169
Band2	15	19125	27	#0	16QAM	5.151	7.468
Band2	20	18700	100	#0	QPSK	17.98	20.383
Band2	20	18700	27	#0	16QAM	5.096	7.544
Band2	20	18900	100	#0	QPSK	18.065	20.236
Band2	20	18900	27	#0	16QAM	5.155	7.365
Band2	20	19100	100	#0	QPSK	17.925	19.928
Band2	20	19100	27	#0	16QAM	5.158	8.176
Band4	1.4	19957	6	#0	QPSK	1.113	1.42
Band4	1.4	19957	6	#0	16QAM	1.119	1.467
Band4	1.4	20175	6	#0	QPSK	1.116	1.404
Band4	1.4	20175	6	#0	16QAM	1.12	1.413

Band4	1.4	20393	6	#0	QPSK	1.109	1.423
Band4	1.4	20393	6	#0	16QAM	1.119	1.42
Band4	3	19965	15	#0	QPSK	2.706	3.124
Band4	3	19965	15	#0	16QAM	2.711	3.225
Band4	3	20175	15	#0	QPSK	2.709	3.197
Band4	3	20175	15	#0	16QAM	2.709	3.217
Band4	3	20385	15	#0	QPSK	2.718	3.257
Band4	3	20385	15	#0	16QAM	2.713	3.314
Band4	5	19975	25	#0	QPSK	4.468	5.053
Band4	5	19975	25	#0	16QAM	4.47	5.09
Band4	5	20175	25	#0	QPSK	4.456	5.134
Band4	5	20175	25	#0	16QAM	4.461	5.171
Band4	5	20375	25	#0	QPSK	4.483	5.051
Band4	5	20375	25	#0	16QAM	4.483	5.086
Band4	10	20000	50	#0	QPSK	9.033	11.05
Band4	10	20000	27	#0	16QAM	5.031	8.348
Band4	10	20175	50	#0	QPSK	9.018	10.923
Band4	10	20175	27	#0	16QAM	5.108	7.943
Band4	10	20350	50	#0	QPSK	9.017	10.958
Band4	10	20350	27	#0	16QAM	5.04	7.36
Band4	15	20025	75	#0	QPSK	13.492	15.059
Band4	15	20025	27	#0	16QAM	5.139	8.267
Band4	15	20175	75	#0	QPSK	13.499	15.43
Band4	15	20175	27	#0	16QAM	5.356	7.86
Band4	15	20325	75	#0	QPSK	13.502	15.488
Band4	15	20325	27	#0	16QAM	5.061	7.434
Band4	20	20050	100	#0	QPSK	18.022	20.247
Band4	20	20050	27	#0	16QAM	5.09	8.046
Band4	20	20175	100	#0	QPSK	17.982	20.086
Band4	20	20175	27	#0	16QAM	5.139	7.478
Band4	20	20300	100	#0	QPSK	17.932	20.23
Band4	20	20300	27	#0	16QAM	5.106	8.135
Band5	1.4	20407	6	#0	QPSK	1.118	1.431
Band5	1.4	20407	6	#0	16QAM	1.120	1.430
Band5	1.4	20525	6	#0	QPSK	1.113	1.413
Band5	1.4	20525	6	#0	16QAM	1.115	1.384
Band5	1.4	20643	6	#0	QPSK	1.107	1.401
Band5	1.4	20643	6	#0	16QAM	1.114	1.428
Band5	3	20415	15	#0	QPSK	2.713	3.237
Band5	3	20415	15	#0	16QAM	2.695	3.231
Band5	3	20525	15	#0	QPSK	2.725	3.216
Band5	3	20525	15	#0	16QAM	2.724	3.234
Band5	3	20635	15	#0	QPSK	2.717	3.222
Band5	3	20635	15	#0	16QAM	2.716	3.161

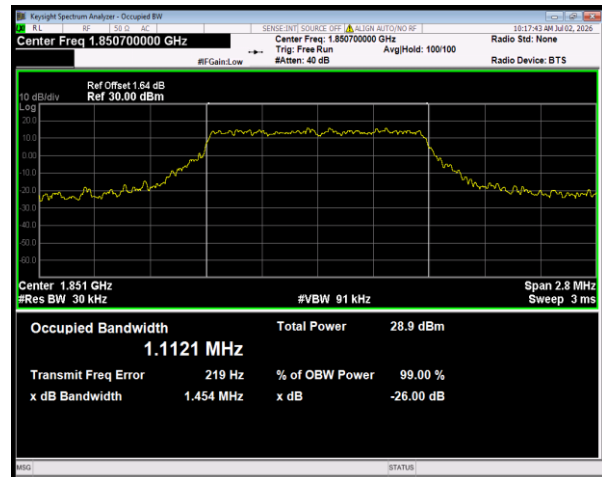
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Band5	5	20525	25	#0	QPSK	4.469	5.022
Band5	5	20525	25	#0	16QAM	4.467	5.205
Band5	5	20625	25	#0	QPSK	4.445	5.048
Band5	5	20625	25	#0	16QAM	4.465	5.090
Band5	10	20450	50	#0	QPSK	8.985	10.848
Band5	10	20450	27	#0	16QAM	5.015	8.521
Band5	10	20525	50	#0	QPSK	9.047	10.910
Band5	10	20525	27	#0	16QAM	5.100	9.032
Band5	10	20600	50	#0	QPSK	8.975	10.933
Band5	10	20600	27	#0	16QAM	5.092	8.037
Band12	1.4	23017	6	#0	QPSK	1.110	1.398
Band12	1.4	23017	6	#0	16QAM	1.113	1.431
Band12	1.4	23095	6	#0	QPSK	1.113	1.425
Band12	1.4	23095	6	#0	16QAM	1.113	1.409
Band12	1.4	23173	6	#0	QPSK	1.115	1.418
Band12	1.4	23173	6	#0	16QAM	1.115	1.407
Band12	3	23025	15	#0	QPSK	2.727	3.299
Band12	3	23025	15	#0	16QAM	2.708	3.266
Band12	3	23095	15	#0	QPSK	2.723	3.232
Band12	3	23095	15	#0	16QAM	2.704	3.202
Band12	3	23165	15	#0	QPSK	2.732	3.283
Band12	3	23165	15	#0	16QAM	2.714	3.223
Band12	5	23035	25	#0	QPSK	4.478	5.141
Band12	5	23035	25	#0	16QAM	4.463	5.059
Band12	5	23095	25	#0	QPSK	4.474	5.149
Band12	5	23095	25	#0	16QAM	4.455	5.042
Band12	5	23155	25	#0	QPSK	4.478	5.145
Band12	5	23155	25	#0	16QAM	4.474	5.119
Band12	10	23060	50	#0	QPSK	9.070	11.240
Band12	10	23060	27	#0	16QAM	5.116	9.943
Band12	10	23095	50	#0	QPSK	8.969	10.570
Band12	10	23095	27	#0	16QAM	5.061	8.121
Band12	10	23130	50	#0	QPSK	9.008	10.971
Band12	10	23130	27	#0	16QAM	5.035	6.873
Band13	5	23205	25	#0	QPSK	4.459	5.089
Band13	5	23205	25	#0	16QAM	4.450	5.079
Band13	5	23230	25	#0	QPSK	4.445	4.948
Band13	5	23230	25	#0	16QAM	4.468	5.098
Band13	5	23255	25	#0	QPSK	4.439	5.072
Band13	5	23255	25	#0	16QAM	4.442	5.015
Band13	10	23230	50	#0	QPSK	9.016	10.752
Band13	10	23230	27	#0	16QAM	5.174	8.040

Band14	5	23305	25	#0	QPSK	4.471	5.282
Band14	5	23305	25	#0	16QAM	4.472	5.280
Band14	5	23330	25	#0	QPSK	4.486	5.109
Band14	5	23330	25	#0	16QAM	4.451	5.199
Band14	5	23355	25	#0	QPSK	4.472	5.031
Band14	5	23355	25	#0	16QAM	4.442	4.944
Band14	10	23330	50	#0	QPSK	9.043	10.945
Band14	10	23330	27	#0	16QAM	5.179	9.745
Band25	1.4	26047	6	#0	QPSK	1.115	1.394
Band25	1.4	26047	6	#0	16QAM	1.123	1.425
Band25	1.4	26365	6	#0	QPSK	1.112	1.436
Band25	1.4	26365	6	#0	16QAM	1.129	1.433
Band25	1.4	26683	6	#0	QPSK	1.122	1.456
Band25	1.4	26683	6	#0	16QAM	1.125	1.436
Band25	3	26055	15	#0	QPSK	2.717	3.271
Band25	3	26055	15	#0	16QAM	2.716	3.164
Band25	3	26365	15	#0	QPSK	2.721	3.284
Band25	3	26365	15	#0	16QAM	2.713	3.175
Band25	3	26675	15	#0	QPSK	2.731	3.314
Band25	3	26675	15	#0	16QAM	2.716	3.194
Band25	5	26065	25	#0	QPSK	4.466	5.084
Band25	5	26065	25	#0	16QAM	4.481	5.039
Band25	5	26365	25	#0	QPSK	4.449	5.143
Band25	5	26365	25	#0	16QAM	4.453	4.916
Band25	5	26665	25	#0	QPSK	4.481	5.064
Band25	5	26665	25	#0	16QAM	4.456	5.026
Band25	10	26090	50	#0	QPSK	9.042	11.021
Band25	10	26090	27	#0	16QAM	5.051	8.599
Band25	10	26365	50	#0	QPSK	9.011	10.749
Band25	10	26365	27	#0	16QAM	5.091	7.986
Band25	10	26640	50	#0	QPSK	9.047	11.141
Band25	10	26640	27	#0	16QAM	5.135	7.992
Band25	15	26115	75	#0	QPSK	13.479	15.398
Band25	15	26115	27	#0	16QAM	5.321	7.846
Band25	15	26365	75	#0	QPSK	13.528	15.292
Band25	15	26365	27	#0	16QAM	5.168	7.645
Band25	15	26615	75	#0	QPSK	13.574	15.686
Band25	15	26615	27	#0	16QAM	5.061	7.123
Band25	20	26140	100	#0	QPSK	17.969	20.019
Band25	20	26140	27	#0	16QAM	5.053	8.714
Band25	20	26365	100	#0	QPSK	18.018	20.26
Band25	20	26365	27	#0	16QAM	5.079	6.928
Band25	20	26590	100	#0	QPSK	17.965	20.128
Band25	20	26590	27	#0	16QAM	4.997	6.365

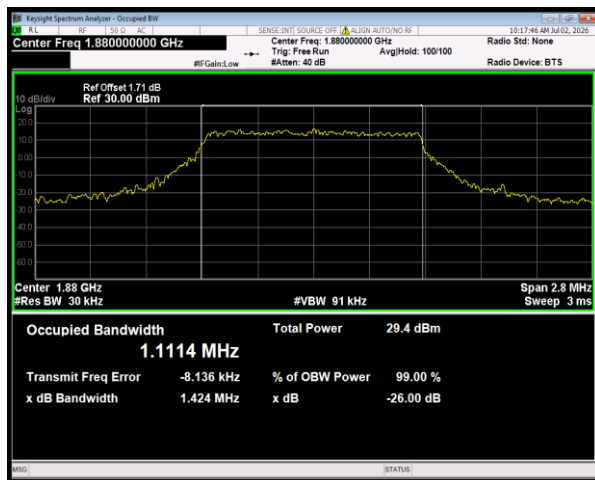
Band66	1.4	131979	6	#0	QPSK	1.116	1.415
Band66	1.4	131979	6	#0	16QAM	1.114	1.414
Band66	1.4	132322	6	#0	QPSK	1.115	1.439
Band66	1.4	132322	6	#0	16QAM	1.108	1.385
Band66	1.4	132665	6	#0	QPSK	1.11	1.456
Band66	1.4	132665	6	#0	16QAM	1.116	1.434
Band66	3	131987	15	#0	QPSK	2.701	3.16
Band66	3	131987	15	#0	16QAM	2.701	3.269
Band66	3	132322	15	#0	QPSK	2.726	3.283
Band66	3	132322	15	#0	16QAM	2.703	3.224
Band66	3	132657	15	#0	QPSK	2.736	3.346
Band66	3	132657	15	#0	16QAM	2.723	3.269
Band66	5	131997	25	#0	QPSK	4.464	5.113
Band66	5	131997	25	#0	16QAM	4.486	5.028
Band66	5	132322	25	#0	QPSK	4.473	5.037
Band66	5	132322	25	#0	16QAM	4.478	5.09
Band66	5	132647	25	#0	QPSK	4.46	5.046
Band66	5	132647	25	#0	16QAM	4.466	4.979
Band66	10	132022	50	#0	QPSK	9.006	10.894
Band66	10	132022	27	#0	16QAM	5.056	7.658
Band66	10	132322	50	#0	QPSK	9.01	10.775
Band66	10	132322	27	#0	16QAM	5.109	7.524
Band66	10	132622	50	#0	QPSK	9.027	10.818
Band66	10	132622	27	#0	16QAM	5.047	8.593
Band66	15	132047	75	#0	QPSK	13.497	15.264
Band66	15	132047	27	#0	16QAM	5.234	8.031
Band66	15	132322	75	#0	QPSK	13.455	15.383
Band66	15	132322	27	#0	16QAM	5.234	8.031
Band66	15	132597	75	#0	QPSK	13.483	15.648
Band66	15	132597	27	#0	16QAM	5.148	7.575
Band66	20	132072	100	#0	QPSK	17.96	20.276
Band66	20	132072	27	#0	16QAM	5.162	7.723
Band66	20	132322	100	#0	QPSK	17.991	20.225
Band66	20	132322	27	#0	16QAM	5.084	6.829
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Band66	20	132572	27	#0	16QAM	5.117	7.332



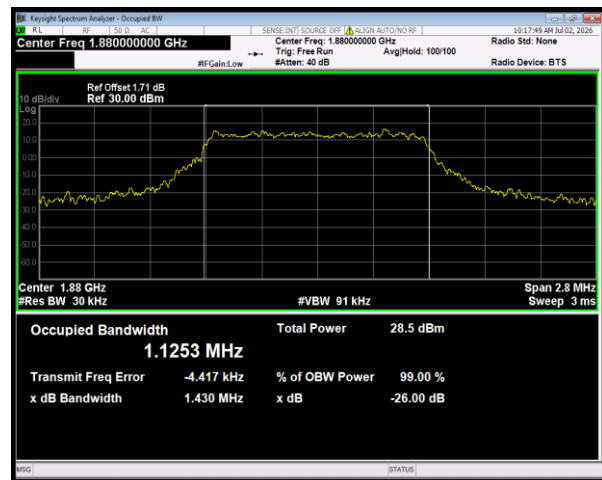
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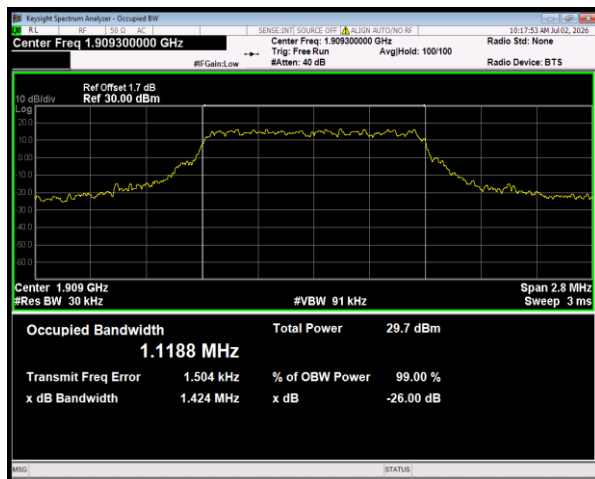
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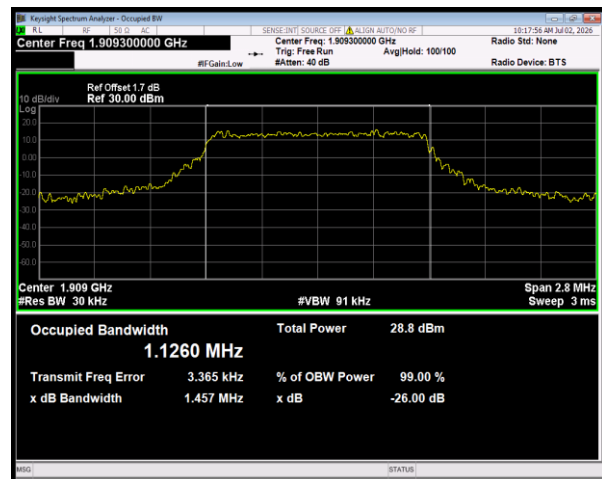
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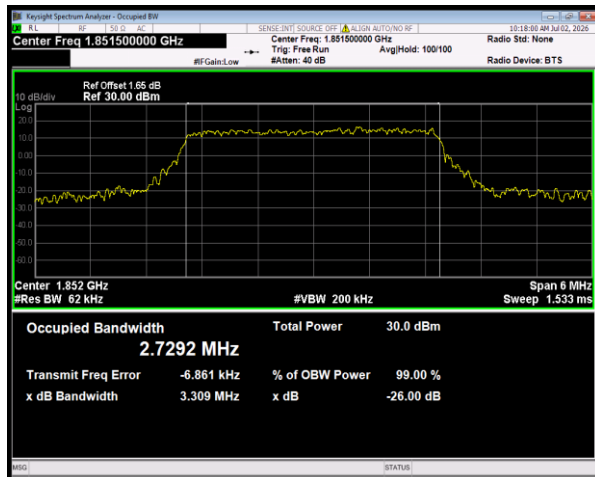
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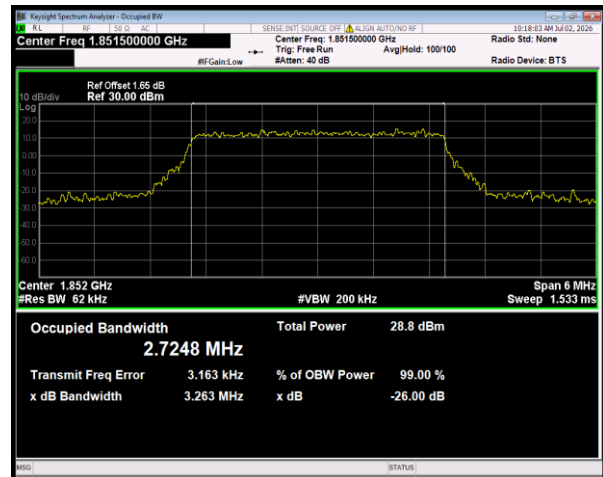
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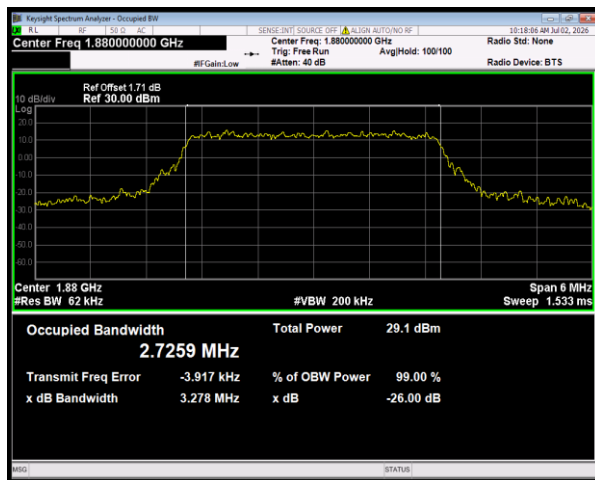
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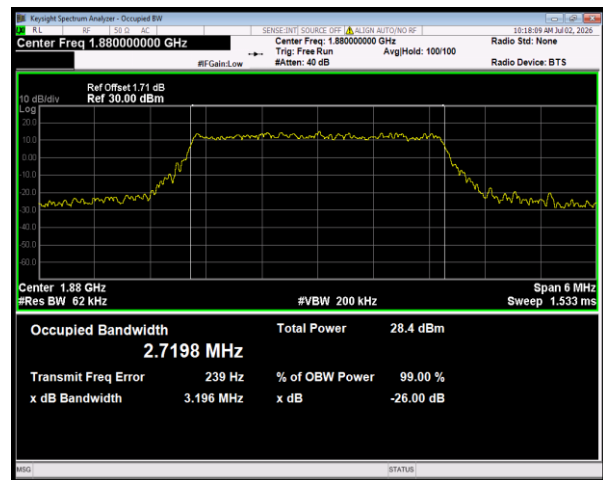
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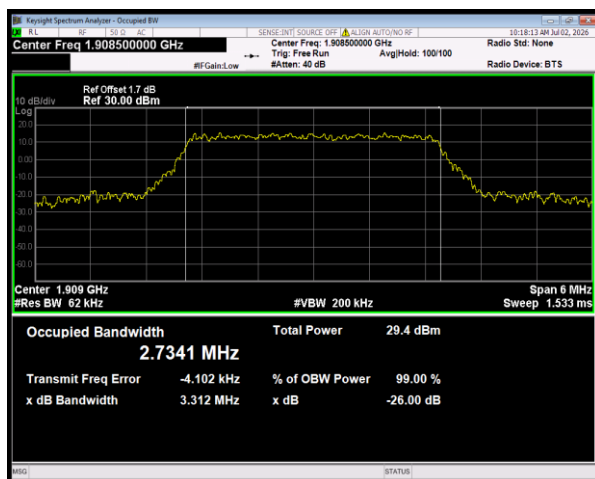
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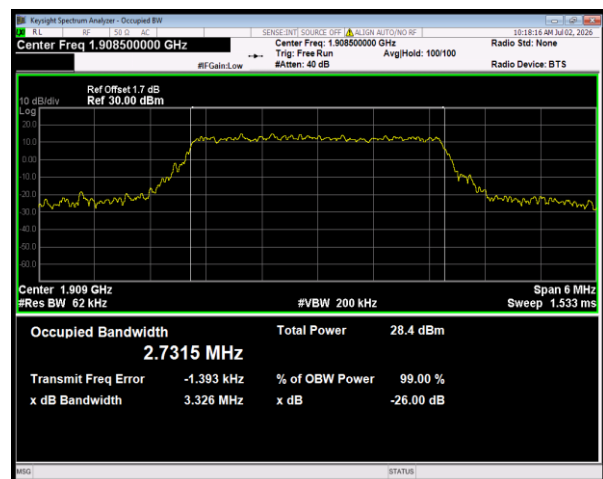
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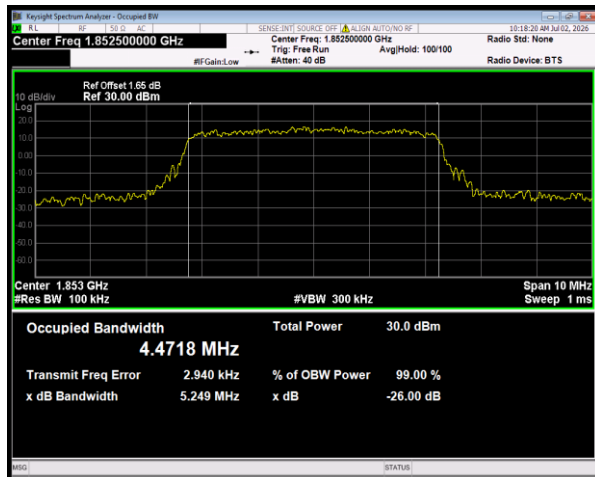
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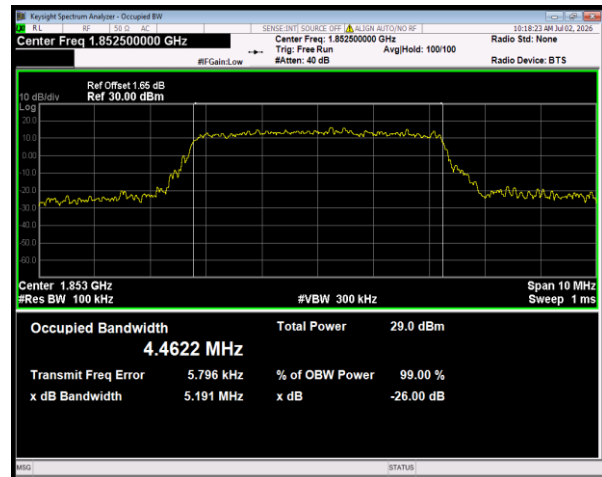
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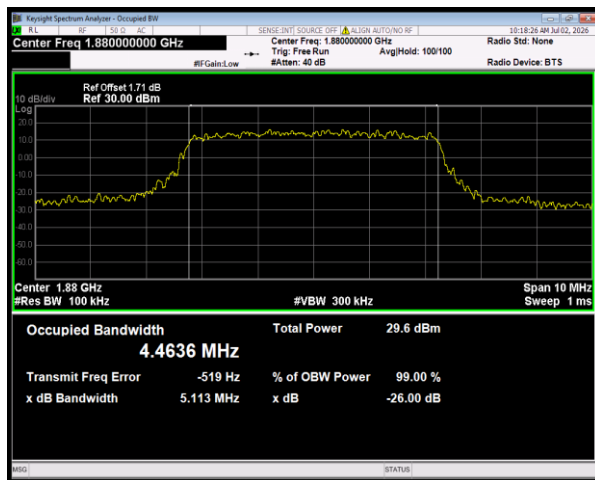
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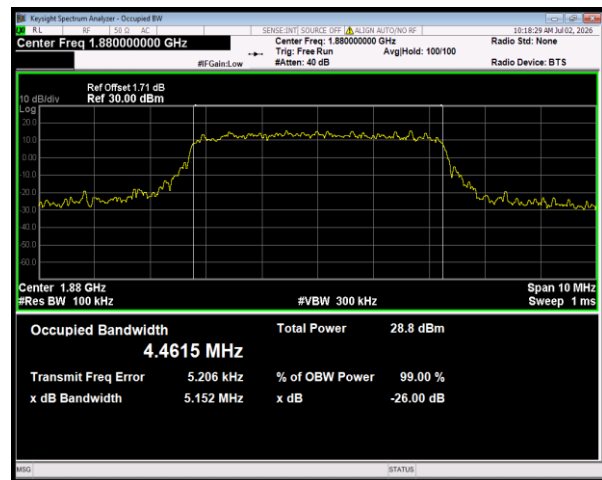
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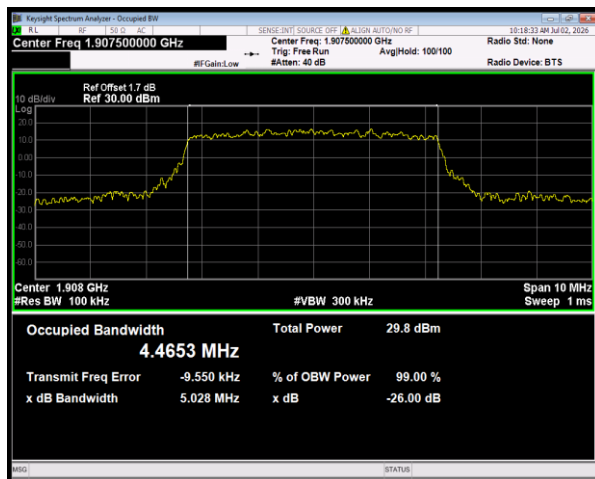
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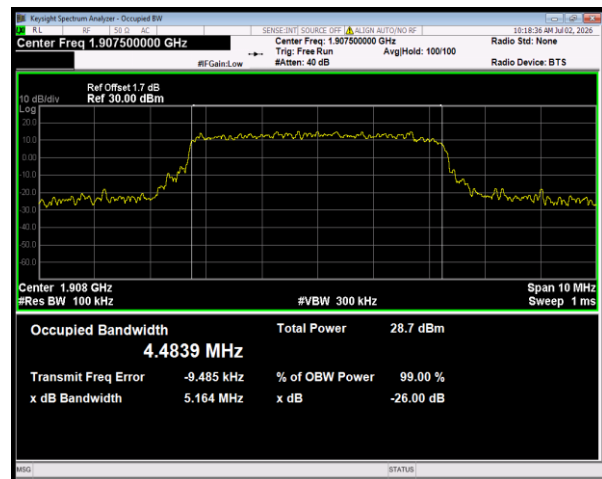
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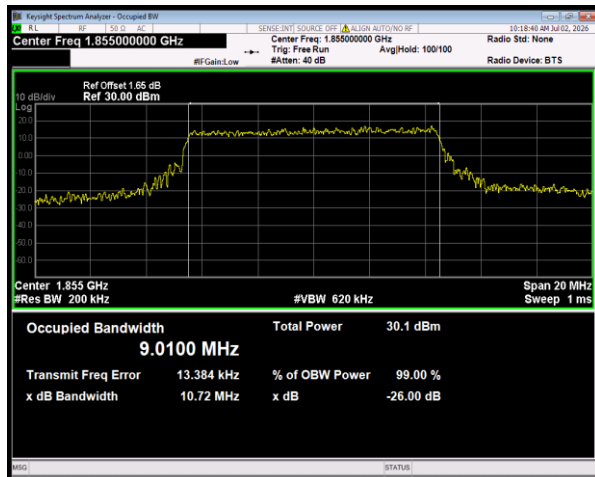
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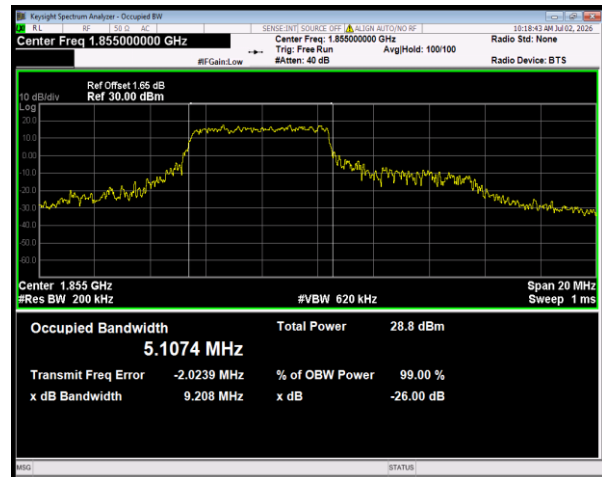
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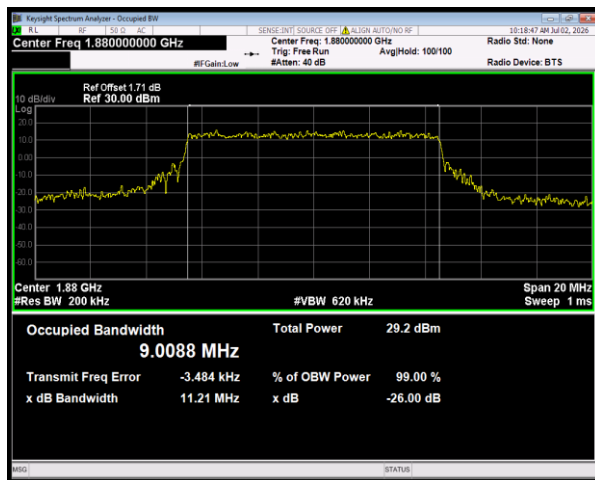
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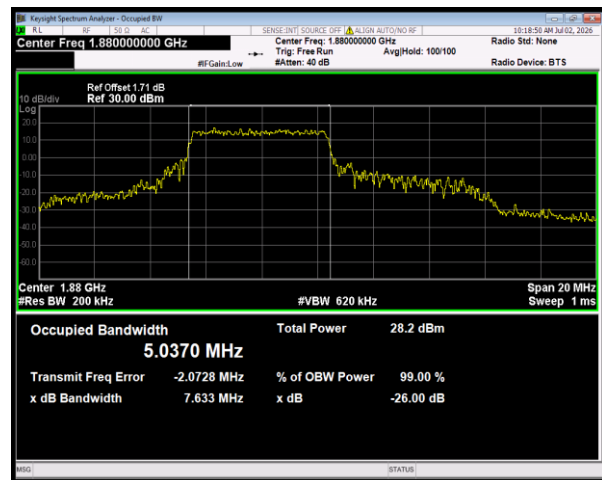
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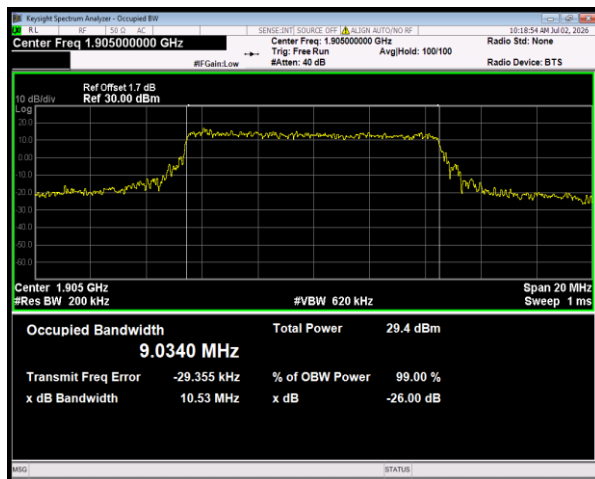
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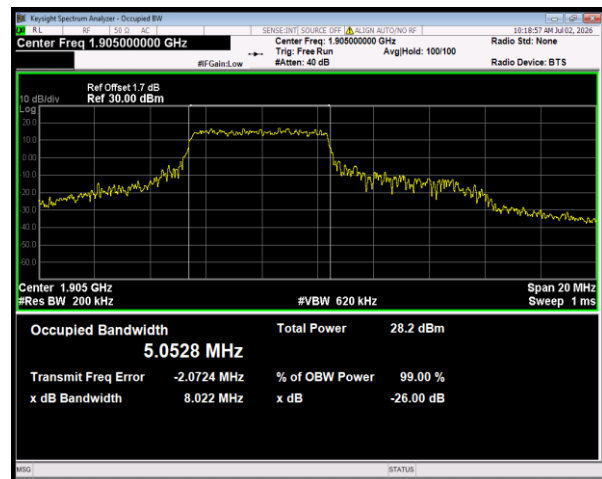
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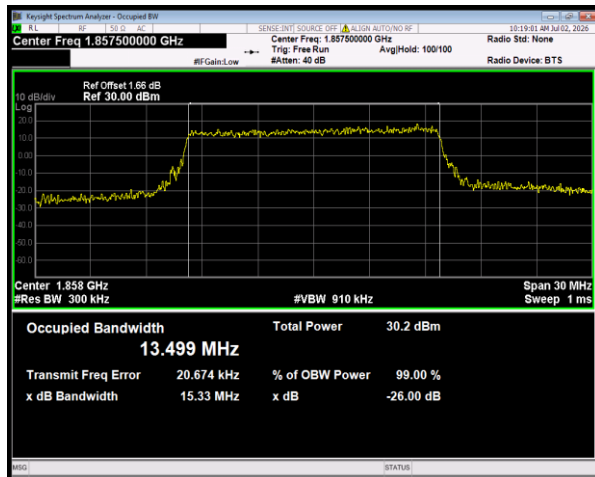
Band2 16QAM BW=10MHz Channel=18900 RB Size=27
Position=#0



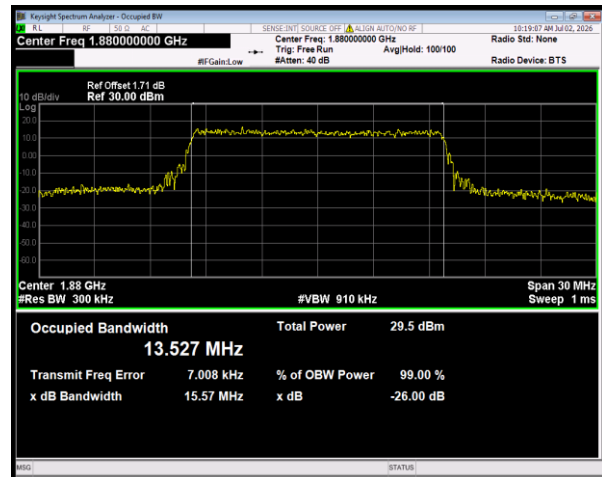
Band2 QPSK BW=10MHz Channel=19150 RB Size=50
Position=#0



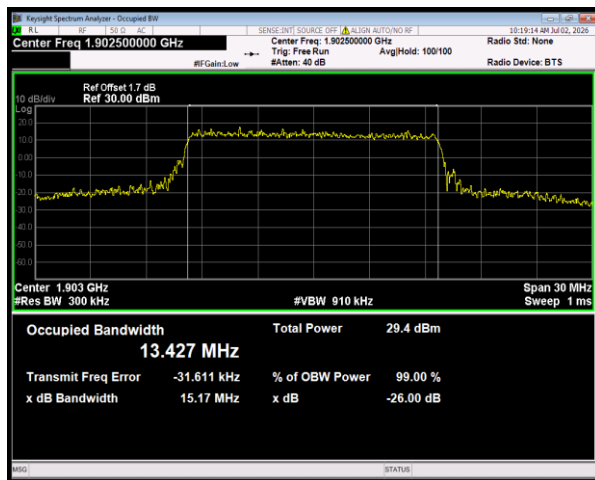
Band2 16QAM BW=10MHz Channel=19150 RB Size=27
Position=#0



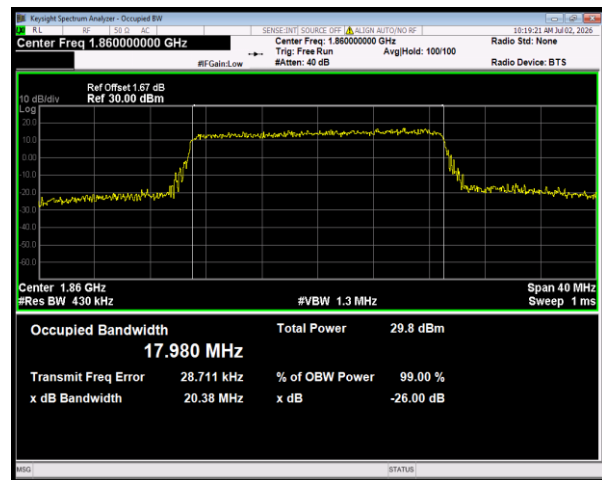
Band2 QPSK BW=15MHz Channel=18675 RB Size=75
Position=#0



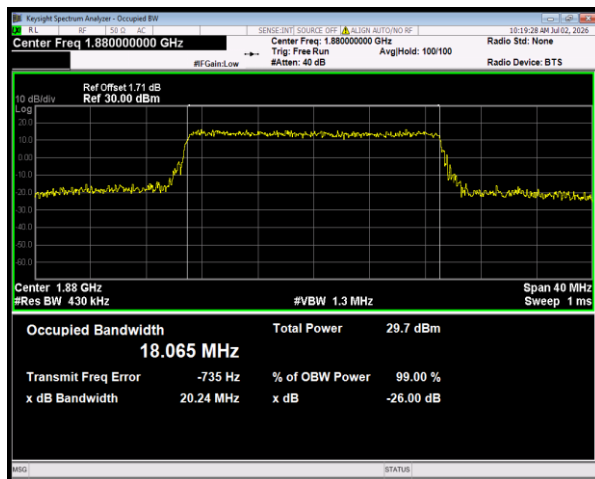
Band2 QPSK BW=15MHz Channel=18900 RB Size=75
Position=#0



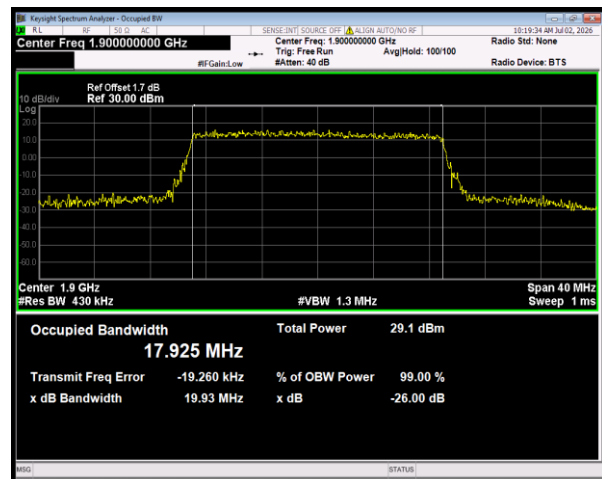
Band2 QPSK BW=15MHz Channel=19125 RB Size=75
Position=#0



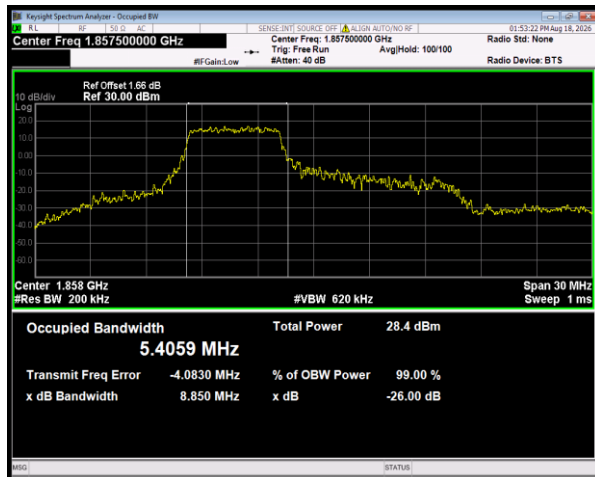
Band2 QPSK BW=20MHz Channel=18700 RB Size=100
Position=#0



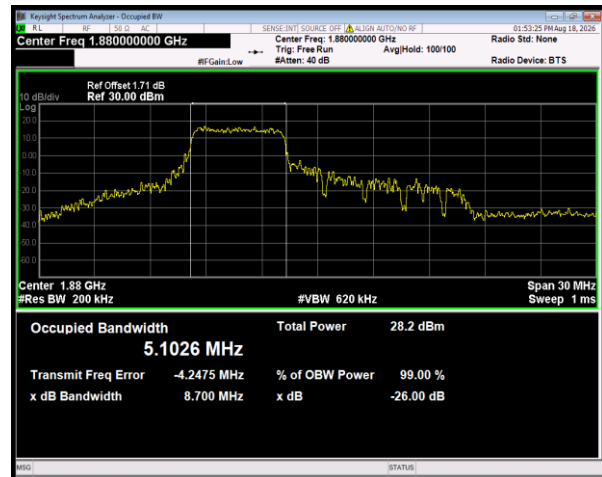
Band2 QPSK BW=20MHz Channel=18900 RB Size=100
Position=#0



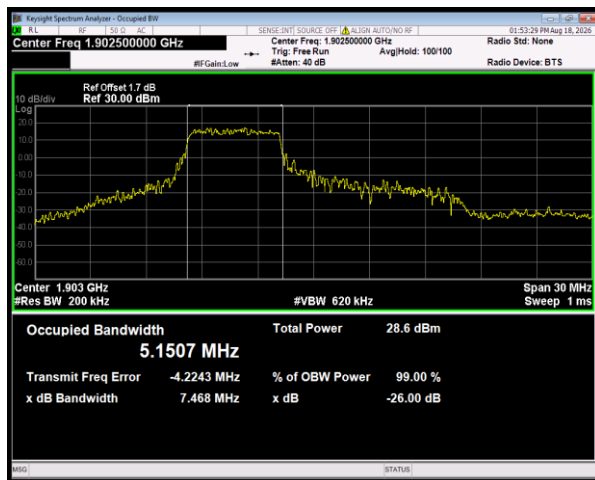
Band2 QPSK BW=20MHz Channel=19100 RB Size=100
Position=#0



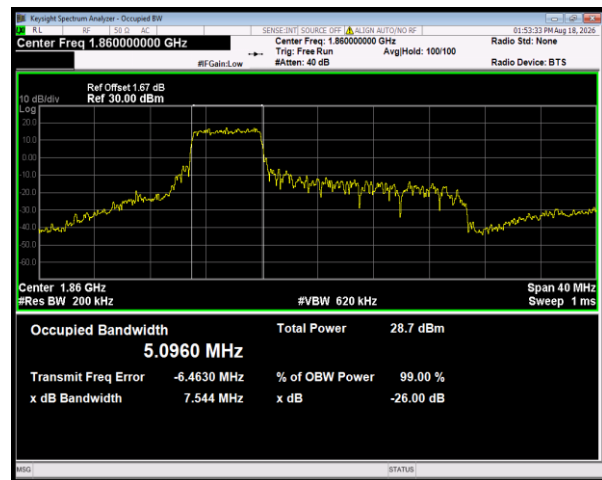
Band2 16QAM BW=15MHz Channel=18675 RB Size=27
Position=#0



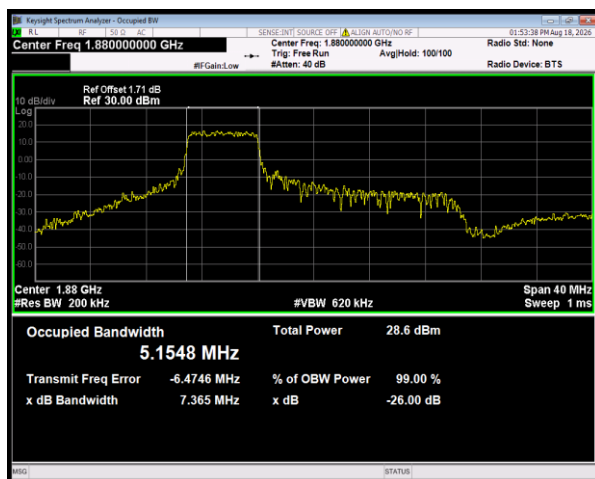
Band2 16QAM BW=15MHz Channel=18900 RB Size=27
Position=#0



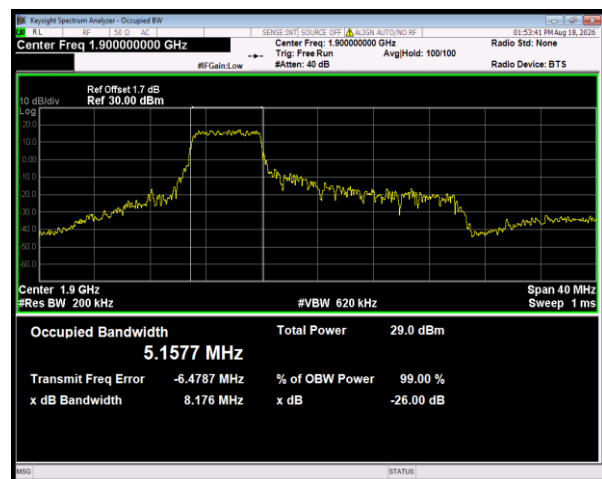
Band2 16QAM BW=15MHz Channel=19125 RB Size=27
Position=#0



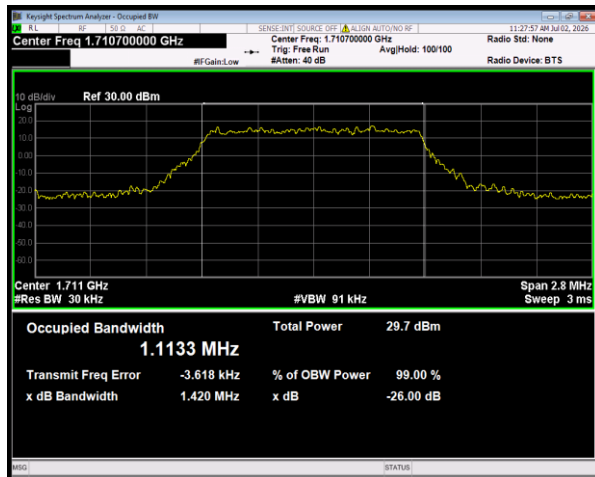
Band2 16QAM BW=20MHz Channel=18700 RB Size=27
Position=#0



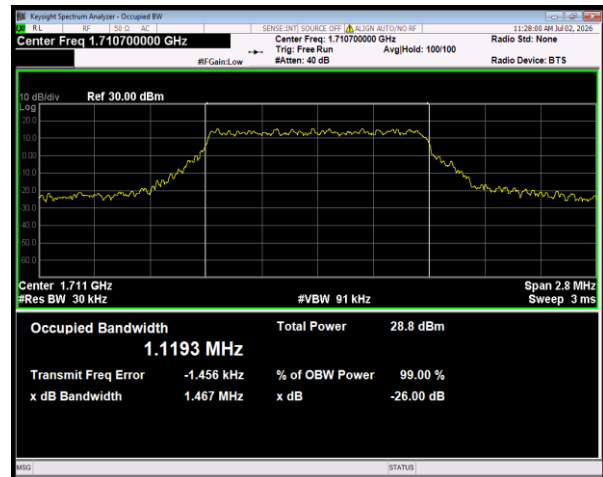
Band2 16QAM BW=20MHz Channel=18900 RB Size=27
Position=#0



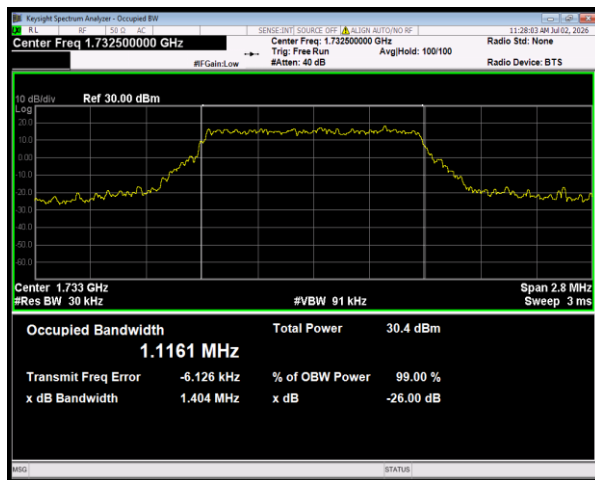
Band2 16QAM BW=20MHz Channel=19100 RB Size=27
Position=#0



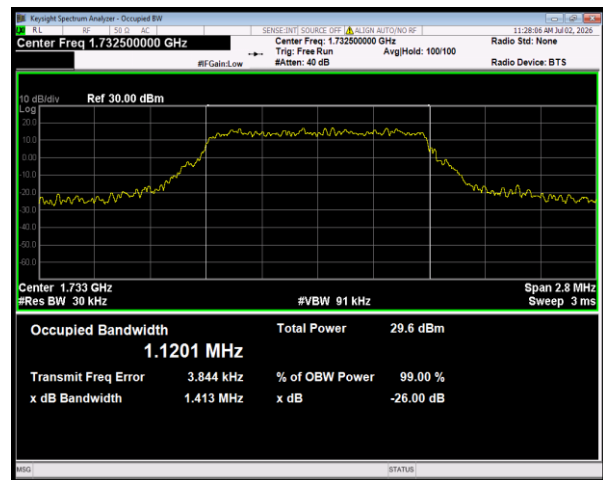
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6
Position=#0



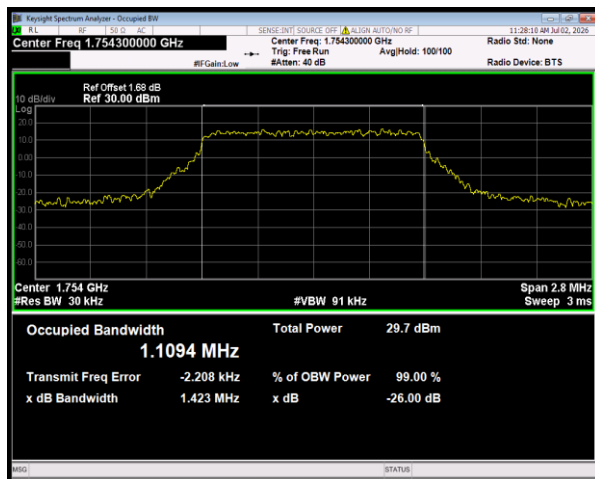
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6
Position=#0



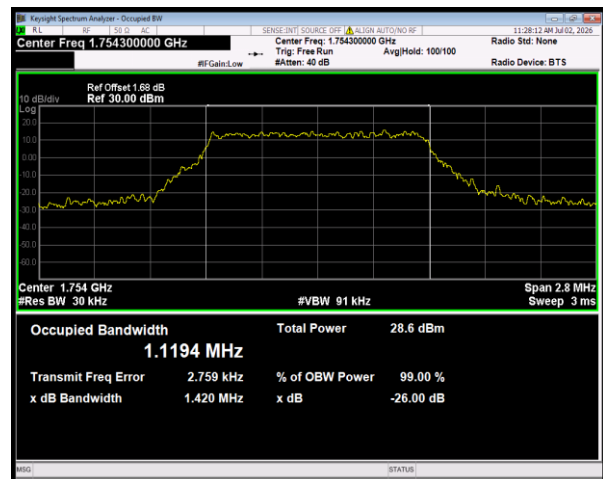
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6
Position=#0



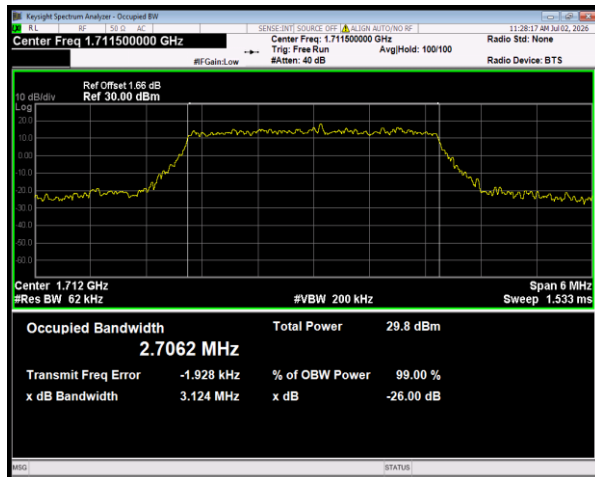
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6
Position=#0



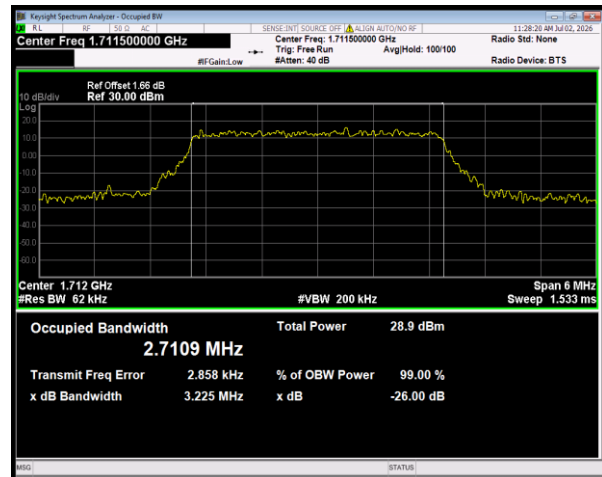
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6
Position=#0



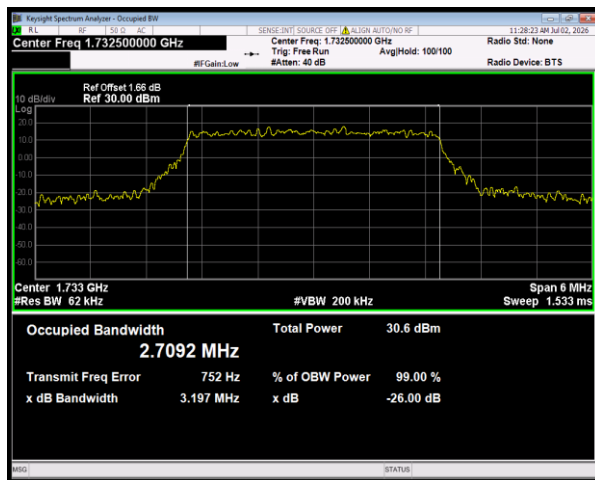
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6
Position=#0



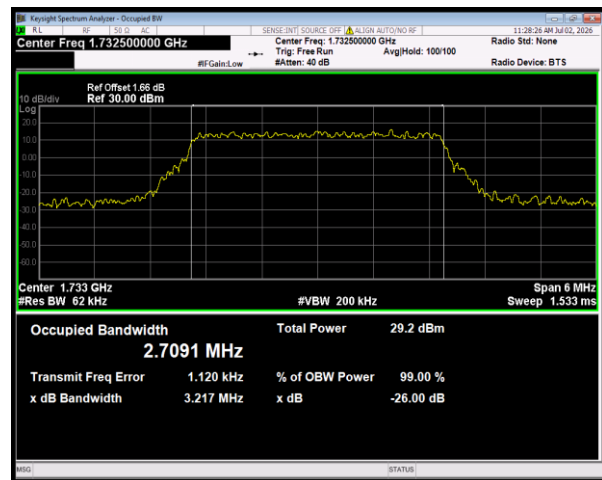
Band4 QPSK BW=3MHz Channel=19965 RB Size=15
Position=#0



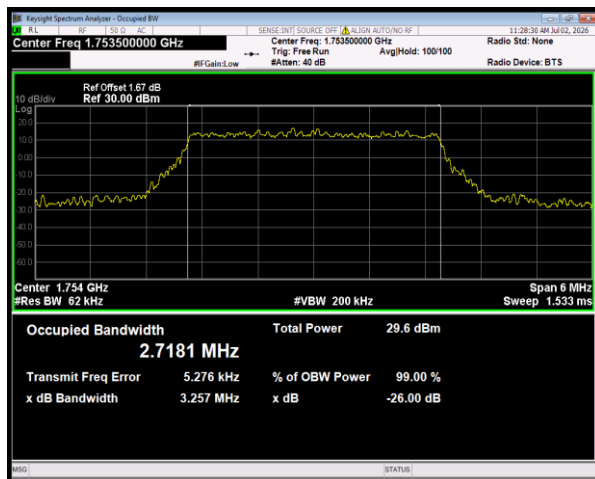
Band4 16QAM BW=3MHz Channel=19965 RB Size=15
Position=#0



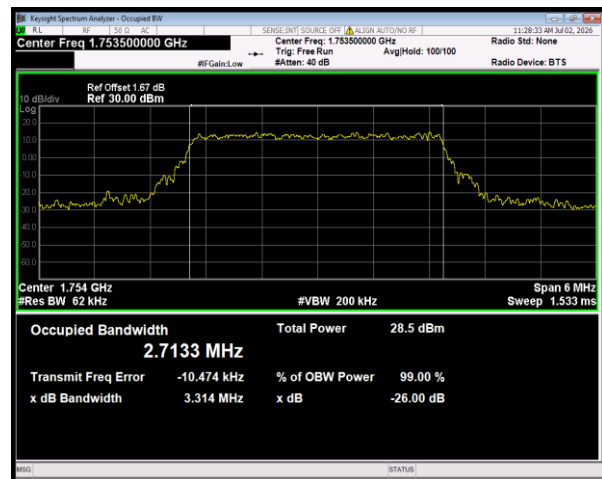
Band4 QPSK BW=3MHz Channel=20175 RB Size=15
Position=#0



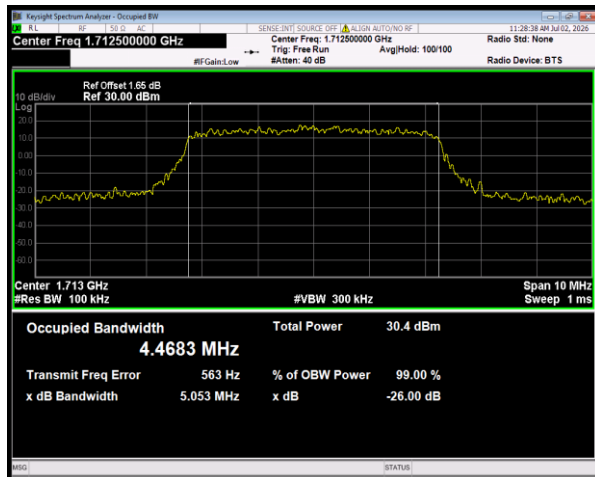
Band4 16QAM BW=3MHz Channel=20175 RB Size=15
Position=#0



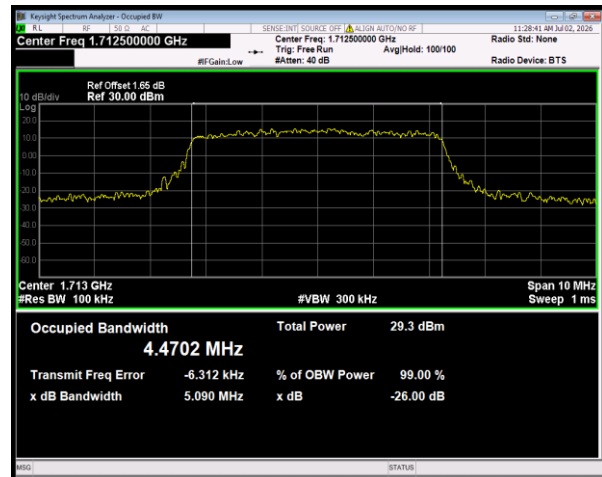
Band4 QPSK BW=3MHz Channel=20385 RB Size=15
Position=#0



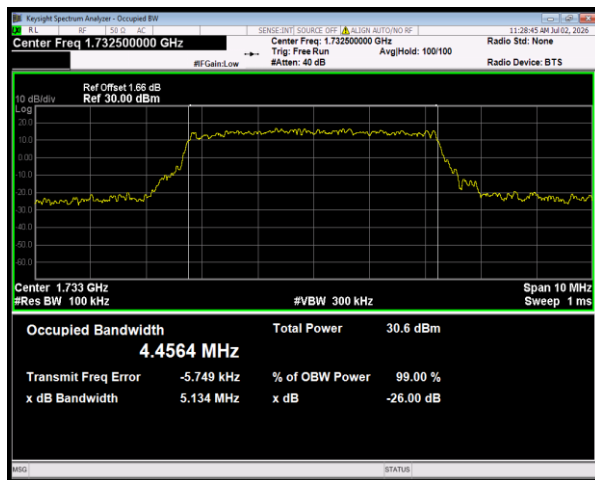
Band4 16QAM BW=3MHz Channel=20385 RB Size=15
Position=#0



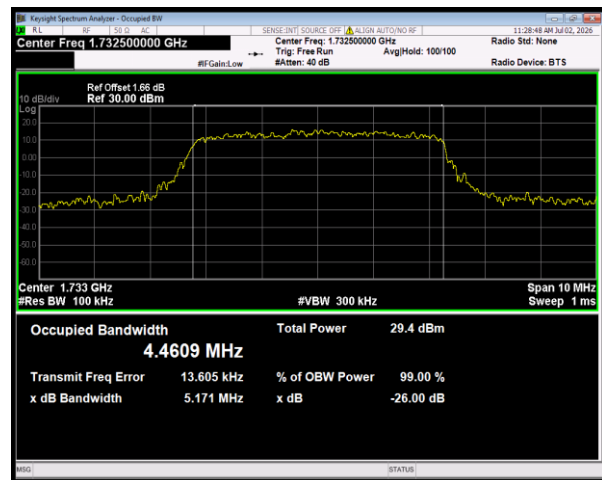
Band4 QPSK BW=5MHz Channel=19975 RB Size=25
Position=#0



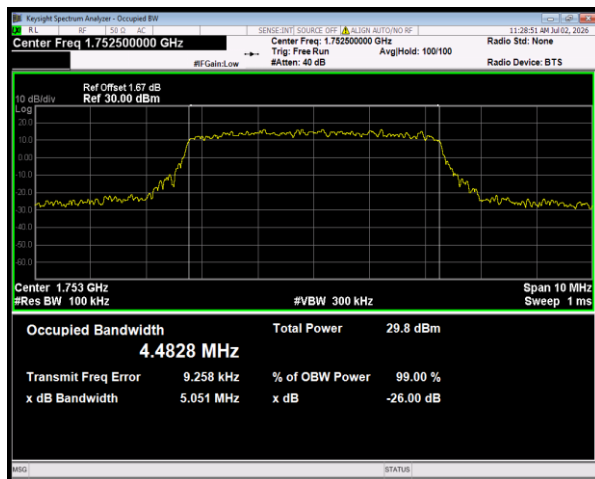
Band4 16QAM BW=5MHz Channel=19975 RB Size=25
Position=#0



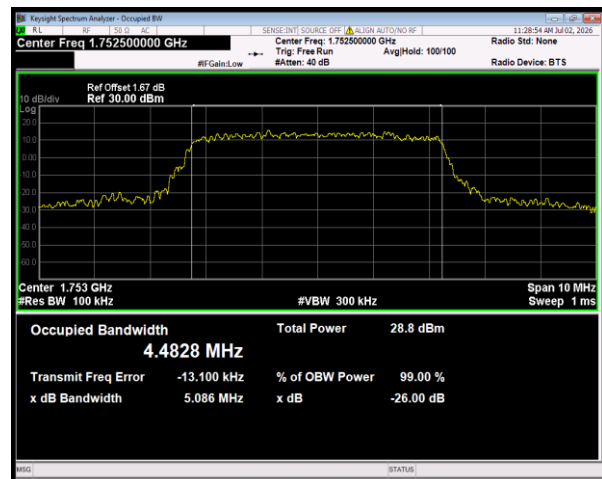
Band4 QPSK BW=5MHz Channel=20175 RB Size=25
Position=#0



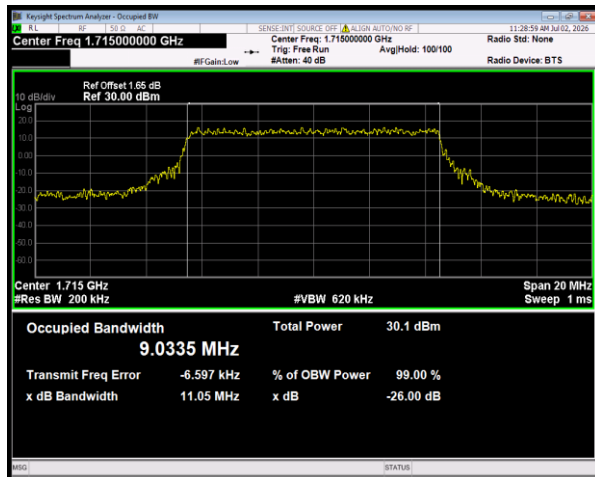
Band4 16QAM BW=5MHz Channel=20175 RB Size=25
Position=#0



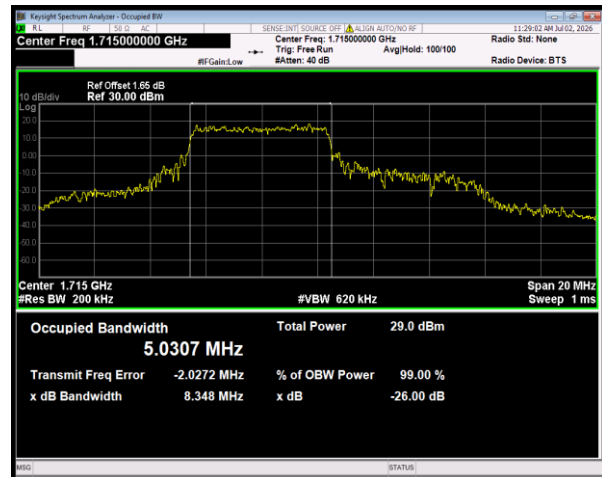
Band4 QPSK BW=5MHz Channel=20375 RB Size=25
Position=#0



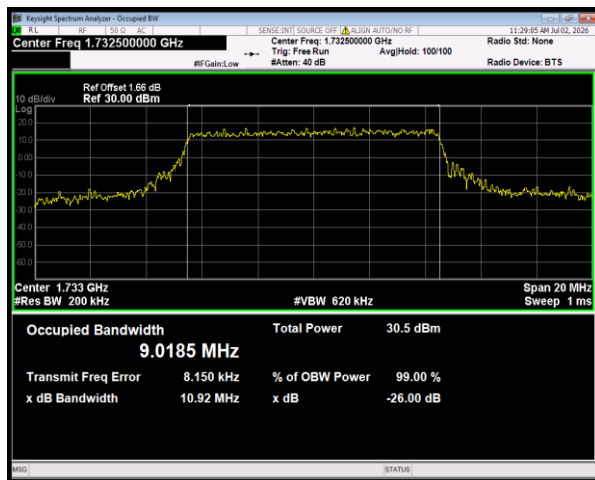
Band4 16QAM BW=5MHz Channel=20375 RB Size=25
Position=#0



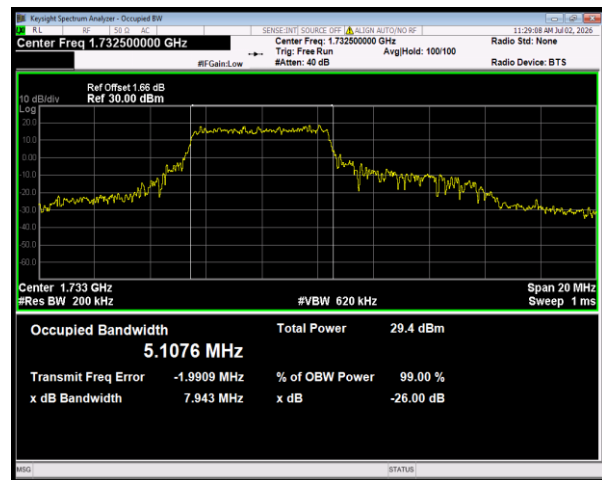
Band4 QPSK BW=10MHz Channel=20000 RB Size=50
Position=#0



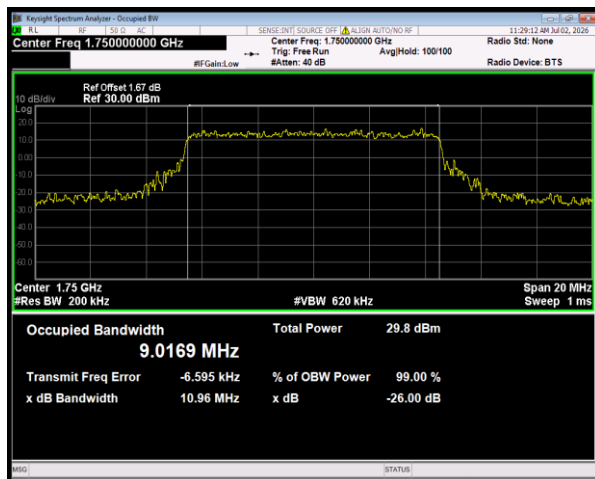
Band4 16QAM BW=10MHz Channel=20000 RB Size=27
Position=#0



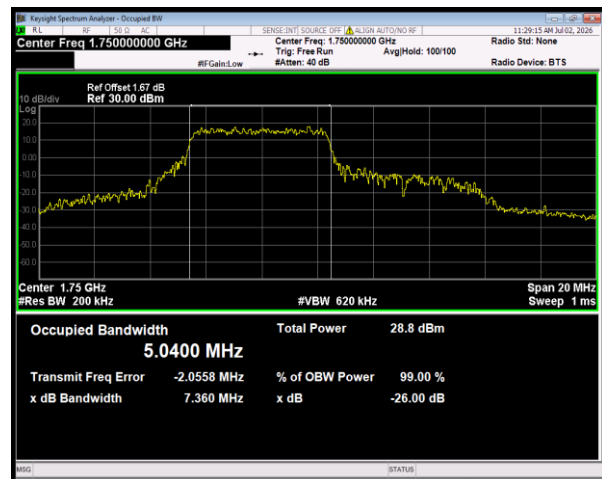
Band4 QPSK BW=10MHz Channel=20175 RB Size=50
Position=#0



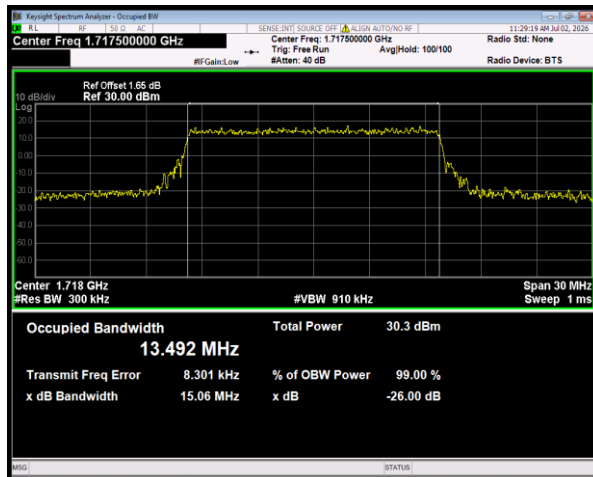
Band4 16QAM BW=10MHz Channel=20175 RB Size=27
Position=#0



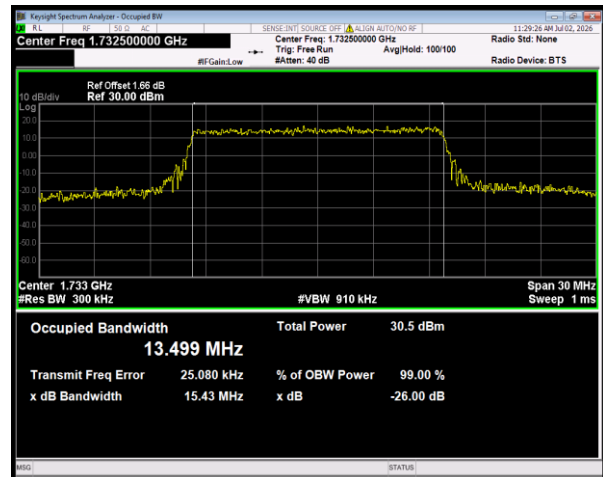
Band4 QPSK BW=10MHz Channel=20350 RB Size=50
Position=#0



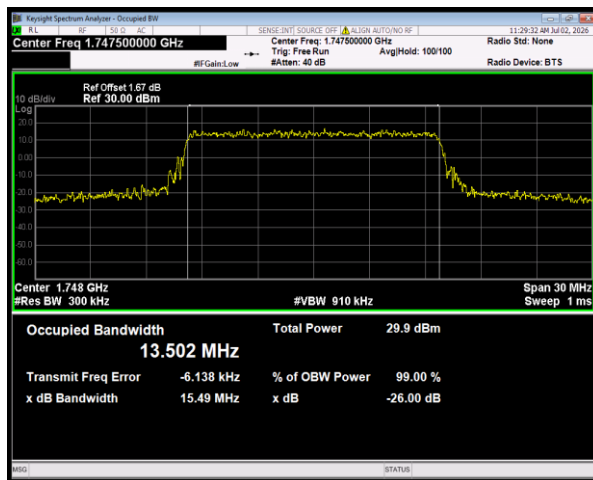
Band4 16QAM BW=10MHz Channel=20350 RB Size=27
Position=#0



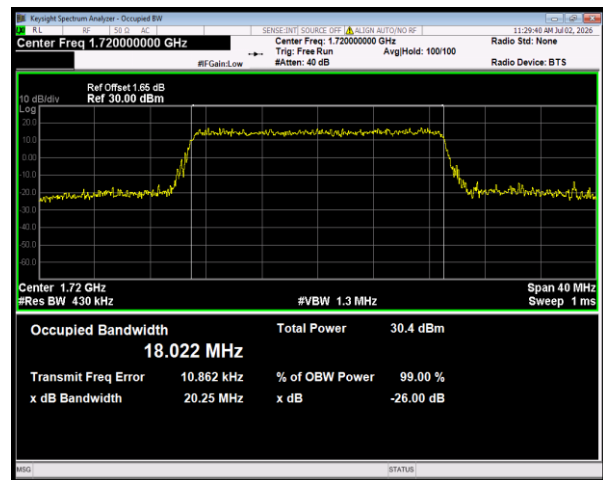
Band4 QPSK BW=15MHz Channel=20025 RB Size=75
Position=#0



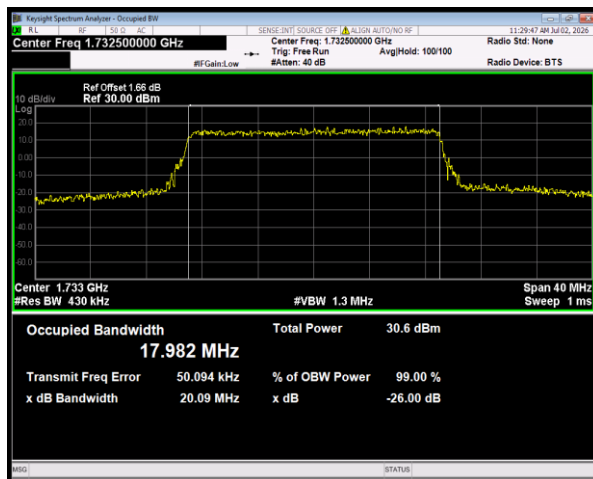
Band4 QPSK BW=15MHz Channel=20175 RB Size=75
Position=#0



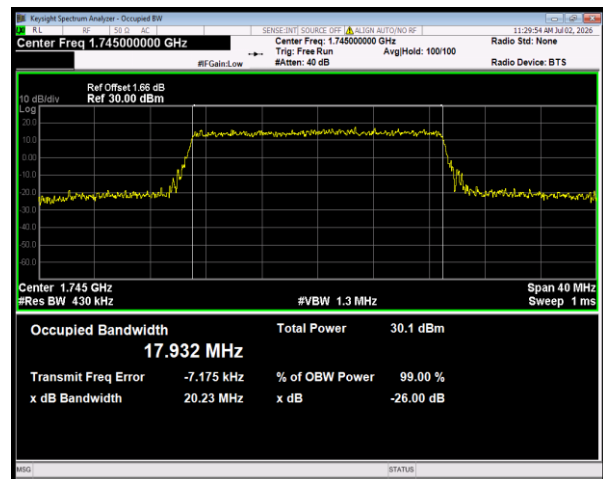
Band4 QPSK BW=15MHz Channel=20325 RB Size=75
Position=#0



Band4 QPSK BW=20MHz Channel=20050 RB Size=100
Position=#0



Band4 QPSK BW=20MHz Channel=20175 RB Size=100
Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=100
Position=#0