

Appendix for Band 4

Report No.: BCTC2501698786-2E

Applicant: Shenzhen Efercro Electronic Technology Co., Ltd.

Product Name: Smart PTZ Battery Camera

Test Model: S1

Tested Date: 2025-01-09 to 2025-01-15

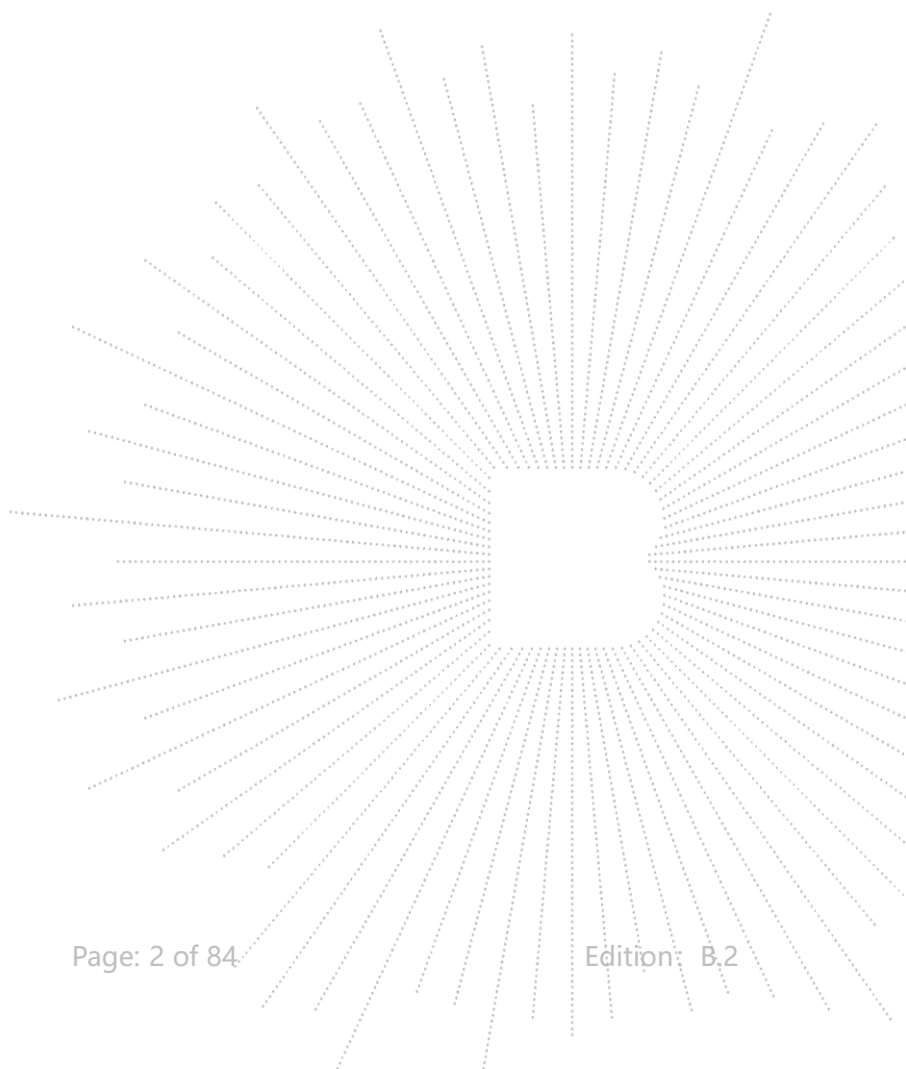
Issued Date: 2025-02-18

Shenzhen BCTC Testing Co., Ltd.



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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	24.05	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.02	PASS
Band4	1.4	19957	1	#Max	QPSK	24.97	PASS
Band4	1.4	19957	3	#0	QPSK	24.90	PASS
Band4	1.4	19957	3	#Mid	QPSK	24.88	PASS
Band4	1.4	19957	3	#Max	QPSK	24.84	PASS
Band4	1.4	19957	6	#0	QPSK	24.00	PASS
Band4	1.4	19957	1	#0	16QAM	24.83	PASS
Band4	1.4	19957	1	#Mid	16QAM	24.83	PASS
Band4	1.4	19957	1	#Max	16QAM	24.87	PASS
Band4	1.4	19957	3	#0	16QAM	24.11	PASS
Band4	1.4	19957	3	#Mid	16QAM	24.09	PASS
Band4	1.4	19957	3	#Max	16QAM	24.15	PASS
Band4	1.4	19957	6	#0	16QAM	23.14	PASS
Band4	1.4	20175	1	#0	QPSK	24.86	PASS
Band4	1.4	20175	1	#Mid	QPSK	24.69	PASS
Band4	1.4	20175	1	#Max	QPSK	24.75	PASS
Band4	1.4	20175	3	#0	QPSK	24.85	PASS
Band4	1.4	20175	3	#Mid	QPSK	24.79	PASS
Band4	1.4	20175	3	#Max	QPSK	24.74	PASS
Band4	1.4	20175	6	#0	QPSK	23.82	PASS
Band4	1.4	20175	1	#0	16QAM	24.54	PASS
Band4	1.4	20175	1	#Mid	16QAM	24.50	PASS
Band4	1.4	20175	1	#Max	16QAM	24.51	PASS
Band4	1.4	20175	3	#0	16QAM	23.87	PASS
Band4	1.4	20175	3	#Mid	16QAM	23.87	PASS
Band4	1.4	20175	3	#Max	16QAM	23.87	PASS
Band4	1.4	20175	6	#0	16QAM	22.77	PASS
Band4	1.4	20393	1	#0	QPSK	24.94	PASS
Band4	1.4	20393	1	#Mid	QPSK	24.92	PASS
Band4	1.4	20393	1	#Max	QPSK	24.95	PASS
Band4	1.4	20393	3	#0	QPSK	25.11	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.15	PASS
Band4	1.4	20393	3	#Max	QPSK	25.08	PASS
Band4	1.4	20393	6	#0	QPSK	24.01	PASS
Band4	1.4	20393	1	#0	16QAM	24.56	PASS
Band4	1.4	20393	1	#Mid	16QAM	24.58	PASS
Band4	1.4	20393	1	#Max	16QAM	24.56	PASS
Band4	1.4	20393	3	#0	16QAM	24.33	PASS
Band4	1.4	20393	3	#Mid	16QAM	24.38	PASS

Band4	1.4	20393	3	#Max	16QAM	24.33	PASS
Band4	1.4	20393	6	#0	16QAM	22.98	PASS
Band4	3	19965	1	#0	QPSK	22.31	PASS
Band4	3	19965	1	#Mid	QPSK	22.14	PASS
Band4	3	19965	1	#Max	QPSK	23.64	PASS
Band4	3	19965	8	#0	QPSK	23.94	PASS
Band4	3	19965	8	#Mid	QPSK	23.88	PASS
Band4	3	19965	8	#Max	QPSK	23.86	PASS
Band4	3	19965	15	#0	QPSK	23.95	PASS
Band4	3	19965	1	#0	16QAM	23.95	PASS
Band4	3	19965	1	#Mid	16QAM	23.96	PASS
Band4	3	19965	1	#Max	16QAM	23.95	PASS
Band4	3	19965	8	#0	16QAM	23.03	PASS
Band4	3	19965	8	#Mid	16QAM	23.00	PASS
Band4	3	19965	8	#Max	16QAM	23.06	PASS
Band4	3	19965	15	#0	16QAM	22.97	PASS
Band4	3	20175	1	#0	QPSK	24.86	PASS
Band4	3	20175	1	#Mid	QPSK	24.85	PASS
Band4	3	20175	1	#Max	QPSK	24.94	PASS
Band4	3	20175	8	#0	QPSK	23.71	PASS
Band4	3	20175	8	#Mid	QPSK	23.78	PASS
Band4	3	20175	8	#Max	QPSK	23.74	PASS
Band4	3	20175	15	#0	QPSK	23.73	PASS
Band4	3	20175	1	#0	16QAM	23.79	PASS
Band4	3	20175	1	#Mid	16QAM	23.71	PASS
Band4	3	20175	1	#Max	16QAM	23.74	PASS
Band4	3	20175	8	#0	16QAM	22.79	PASS
Band4	3	20175	8	#Mid	16QAM	22.82	PASS
Band4	3	20175	8	#Max	16QAM	22.81	PASS
Band4	3	20175	15	#0	16QAM	22.87	PASS
Band4	3	20385	1	#0	QPSK	24.93	PASS
Band4	3	20385	1	#Mid	QPSK	25.02	PASS
Band4	3	20385	1	#Max	QPSK	25.07	PASS
Band4	3	20385	8	#0	QPSK	24.03	PASS
Band4	3	20385	8	#Mid	QPSK	24.05	PASS
Band4	3	20385	8	#Max	QPSK	24.00	PASS
Band4	3	20385	15	#0	QPSK	24.01	PASS
Band4	3	20385	1	#0	16QAM	24.51	PASS
Band4	3	20385	1	#Mid	16QAM	24.48	PASS
Band4	3	20385	1	#Max	16QAM	24.52	PASS
Band4	3	20385	8	#0	16QAM	22.75	PASS
Band4	3	20385	8	#Mid	16QAM	22.78	PASS
Band4	3	20385	8	#Max	16QAM	22.90	PASS
Band4	3	20385	15	#0	16QAM	23.04	PASS

Band4	5	19975	1	#0	QPSK	24.88	PASS
Band4	5	19975	1	#Mid	QPSK	24.90	PASS
Band4	5	19975	1	#Max	QPSK	24.88	PASS
Band4	5	19975	12	#0	QPSK	24.01	PASS
Band4	5	19975	12	#Mid	QPSK	23.91	PASS
Band4	5	19975	12	#Max	QPSK	23.91	PASS
Band4	5	19975	25	#0	QPSK	23.88	PASS
Band4	5	19975	1	#0	16QAM	23.91	PASS
Band4	5	19975	1	#Mid	16QAM	23.98	PASS
Band4	5	19975	1	#Max	16QAM	24.00	PASS
Band4	5	19975	12	#0	16QAM	22.91	PASS
Band4	5	19975	12	#Mid	16QAM	22.94	PASS
Band4	5	19975	12	#Max	16QAM	22.96	PASS
Band4	5	19975	25	#0	16QAM	23.12	PASS
Band4	5	20175	1	#0	QPSK	23.64	PASS
Band4	5	20175	1	#Mid	QPSK	24.15	PASS
Band4	5	20175	1	#Max	QPSK	24.98	PASS
Band4	5	20175	12	#0	QPSK	23.87	PASS
Band4	5	20175	12	#Mid	QPSK	23.83	PASS
Band4	5	20175	12	#Max	QPSK	23.83	PASS
Band4	5	20175	25	#0	QPSK	23.82	PASS
Band4	5	20175	1	#0	16QAM	23.86	PASS
Band4	5	20175	1	#Mid	16QAM	23.92	PASS
Band4	5	20175	1	#Max	16QAM	23.90	PASS
Band4	5	20175	12	#0	16QAM	22.71	PASS
Band4	5	20175	12	#Mid	16QAM	22.62	PASS
Band4	5	20175	12	#Max	16QAM	22.69	PASS
Band4	5	20175	25	#0	16QAM	22.85	PASS
Band4	5	20375	1	#0	QPSK	24.76	PASS
Band4	5	20375	1	#Mid	QPSK	24.77	PASS
Band4	5	20375	1	#Max	QPSK	24.85	PASS
Band4	5	20375	12	#0	QPSK	23.93	PASS
Band4	5	20375	12	#Mid	QPSK	23.98	PASS
Band4	5	20375	12	#Max	QPSK	24.00	PASS
Band4	5	20375	25	#0	QPSK	24.04	PASS
Band4	5	20375	1	#0	16QAM	24.57	PASS
Band4	5	20375	1	#Mid	16QAM	24.51	PASS
Band4	5	20375	1	#Max	16QAM	24.60	PASS
Band4	5	20375	12	#0	16QAM	22.96	PASS
Band4	5	20375	12	#Mid	16QAM	23.00	PASS
Band4	5	20375	12	#Max	16QAM	22.96	PASS
Band4	5	20375	25	#0	16QAM	23.17	PASS
Band4	10	20000	1	#0	QPSK	24.89	PASS
Band4	10	20000	1	#Mid	QPSK	24.88	PASS

Band4	10	20000	1	#Max	QPSK	24.89	PASS
Band4	10	20000	25	#0	QPSK	23.93	PASS
Band4	10	20000	25	#Mid	QPSK	23.94	PASS
Band4	10	20000	25	#Max	QPSK	23.96	PASS
Band4	10	20000	50	#0	QPSK	23.98	PASS
Band4	10	20000	1	#0	16QAM	24.98	PASS
Band4	10	20000	1	#Mid	16QAM	23.49	PASS
Band4	10	20000	1	#Max	16QAM	24.99	PASS
Band4	10	20000	25	#0	16QAM	23.00	PASS
Band4	10	20000	25	#Mid	16QAM	23.00	PASS
Band4	10	20000	25	#Max	16QAM	22.94	PASS
Band4	10	20000	50	#0	16QAM	23.02	PASS
Band4	10	20175	1	#0	QPSK	24.82	PASS
Band4	10	20175	1	#Mid	QPSK	24.77	PASS
Band4	10	20175	1	#Max	QPSK	24.83	PASS
Band4	10	20175	25	#0	QPSK	23.85	PASS
Band4	10	20175	25	#Mid	QPSK	23.79	PASS
Band4	10	20175	25	#Max	QPSK	23.77	PASS
Band4	10	20175	50	#0	QPSK	23.82	PASS
Band4	10	20175	1	#0	16QAM	24.65	PASS
Band4	10	20175	1	#Mid	16QAM	24.54	PASS
Band4	10	20175	1	#Max	16QAM	24.49	PASS
Band4	10	20175	25	#0	16QAM	22.91	PASS
Band4	10	20175	25	#Mid	16QAM	22.89	PASS
Band4	10	20175	25	#Max	16QAM	22.89	PASS
Band4	10	20175	50	#0	16QAM	22.86	PASS
Band4	10	20350	1	#0	QPSK	24.97	PASS
Band4	10	20350	1	#Mid	QPSK	22.59	PASS
Band4	10	20350	1	#Max	QPSK	23.48	PASS
Band4	10	20350	25	#0	QPSK	23.92	PASS
Band4	10	20350	25	#Mid	QPSK	24.02	PASS
Band4	10	20350	25	#Max	QPSK	23.95	PASS
Band4	10	20350	50	#0	QPSK	23.81	PASS
Band4	10	20350	1	#0	16QAM	24.66	PASS
Band4	10	20350	1	#Mid	16QAM	24.84	PASS
Band4	10	20350	1	#Max	16QAM	24.92	PASS
Band4	10	20350	25	#0	16QAM	22.91	PASS
Band4	10	20350	25	#Mid	16QAM	23.00	PASS
Band4	10	20350	25	#Max	16QAM	23.07	PASS
Band4	10	20350	50	#0	16QAM	22.93	PASS
Band4	15	20025	1	#0	QPSK	23.18	PASS
Band4	15	20025	1	#Mid	QPSK	22.31	PASS
Band4	15	20025	1	#Max	QPSK	21.47	PASS
Band4	15	20025	36	#0	QPSK	23.94	PASS

Band4	15	20025	36	#Mid	QPSK	23.93	PASS
Band4	15	20025	36	#Max	QPSK	24.02	PASS
Band4	15	20025	75	#0	QPSK	23.89	PASS
Band4	15	20025	1	#0	16QAM	23.47	PASS
Band4	15	20025	1	#Mid	16QAM	22.17	PASS
Band4	15	20025	1	#Max	16QAM	23.65	PASS
Band4	15	20025	36	#0	16QAM	22.98	PASS
Band4	15	20025	36	#Mid	16QAM	23.03	PASS
Band4	15	20025	36	#Max	16QAM	23.09	PASS
Band4	15	20025	75	#0	16QAM	22.94	PASS
Band4	15	20175	1	#0	QPSK	21.54	PASS
Band4	15	20175	1	#Mid	QPSK	23.65	PASS
Band4	15	20175	1	#Max	QPSK	22.58	PASS
Band4	15	20175	36	#0	QPSK	23.89	PASS
Band4	15	20175	36	#Mid	QPSK	23.79	PASS
Band4	15	20175	36	#Max	QPSK	23.82	PASS
Band4	15	20175	75	#0	QPSK	23.84	PASS
Band4	15	20175	1	#0	16QAM	22.56	PASS
Band4	15	20175	1	#Mid	16QAM	24.31	PASS
Band4	15	20175	1	#Max	16QAM	20.34	PASS
Band4	15	20175	36	#0	16QAM	22.99	PASS
Band4	15	20175	36	#Mid	16QAM	22.98	PASS
Band4	15	20175	36	#Max	16QAM	22.92	PASS
Band4	15	20175	75	#0	16QAM	22.86	PASS
Band4	15	20325	1	#0	QPSK	22.18	PASS
Band4	15	20325	1	#Mid	QPSK	22.64	PASS
Band4	15	20325	1	#Max	QPSK	22.47	PASS
Band4	15	20325	36	#0	QPSK	23.91	PASS
Band4	15	20325	36	#Mid	QPSK	23.82	PASS
Band4	15	20325	36	#Max	QPSK	23.88	PASS
Band4	15	20325	75	#0	QPSK	23.89	PASS
Band4	15	20325	1	#0	16QAM	22.35	PASS
Band4	15	20325	1	#Mid	16QAM	22.57	PASS
Band4	15	20325	1	#Max	16QAM	22.94	PASS
Band4	15	20325	36	#0	16QAM	22.79	PASS
Band4	15	20325	36	#Mid	16QAM	22.81	PASS
Band4	15	20325	36	#Max	16QAM	22.90	PASS
Band4	15	20325	75	#0	16QAM	22.93	PASS
Band4	20	20050	1	#0	QPSK	22.45	PASS
Band4	20	20050	1	#Mid	QPSK	22.54	PASS
Band4	20	20050	1	#Max	QPSK	22.64	PASS
Band4	20	20050	50	#0	QPSK	23.95	PASS
Band4	20	20050	50	#Mid	QPSK	23.89	PASS
Band4	20	20050	50	#Max	QPSK	23.96	PASS

Band4	20	20050	100	#0	QPSK	23.85	PASS
Band4	20	20050	1	#0	16QAM	22.34	PASS
Band4	20	20050	1	#Mid	16QAM	22.47	PASS
Band4	20	20050	1	#Max	16QAM	22.64	PASS
Band4	20	20050	50	#0	16QAM	23.06	PASS
Band4	20	20050	50	#Mid	16QAM	23.10	PASS
Band4	20	20050	50	#Max	16QAM	23.07	PASS
Band4	20	20050	100	#0	16QAM	22.91	PASS
Band4	20	20175	1	#0	QPSK	22.38	PASS
Band4	20	20175	1	#Mid	QPSK	22.47	PASS
Band4	20	20175	1	#Max	QPSK	22.64	PASS
Band4	20	20175	50	#0	QPSK	23.88	PASS
Band4	20	20175	50	#Mid	QPSK	23.76	PASS
Band4	20	20175	50	#Max	QPSK	23.87	PASS
Band4	20	20175	100	#0	QPSK	23.78	PASS
Band4	20	20175	1	#0	16QAM	22.47	PASS
Band4	20	20175	1	#Mid	16QAM	22.47	PASS
Band4	20	20175	1	#Max	16QAM	23.96	PASS
Band4	20	20175	50	#0	16QAM	22.96	PASS
Band4	20	20175	50	#Mid	16QAM	22.86	PASS
Band4	20	20175	50	#Max	16QAM	22.89	PASS
Band4	20	20175	100	#0	16QAM	22.90	PASS
Band4	20	20300	1	#0	QPSK	22.57	PASS
Band4	20	20300	1	#Mid	QPSK	22.15	PASS
Band4	20	20300	1	#Max	QPSK	22.37	PASS
Band4	20	20300	50	#0	QPSK	23.79	PASS
Band4	20	20300	50	#Mid	QPSK	23.92	PASS
Band4	20	20300	50	#Max	QPSK	23.99	PASS
Band4	20	20300	100	#0	QPSK	23.75	PASS
Band4	20	20300	1	#0	16QAM	22.57	PASS
Band4	20	20300	1	#Mid	16QAM	22.34	PASS
Band4	20	20300	1	#Max	16QAM	22.57	PASS
Band4	20	20300	50	#0	16QAM	22.91	PASS
Band4	20	20300	50	#Mid	16QAM	22.99	PASS
Band4	20	20300	50	#Max	16QAM	23.06	PASS
Band4	20	20300	100	#0	16QAM	22.85	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 4	1.4	19957	6	#0	QPSK	LV	NT	-22.02	-0.013	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	NV	NT	-30.38	-0.018	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	HV	NT	-17.78	-0.010	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	LV	NT	-13.60	-0.008	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	NV	NT	-26.99	-0.016	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	HV	NT	-27.08	-0.016	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	LV	NT	0.00	0.000	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	NV	NT	0.00	0.000	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	HV	NT	-28.84	-0.017	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	LV	NT	-5.88	-0.003	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	NV	NT	-30.43	-0.018	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	HV	NT	-18.15	-0.010	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	LV	NT	-30.41	-0.017	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	NV	NT	-26.34	-0.015	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	HV	NT	-29.73	-0.017	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	LV	NT	-24.75	-0.014	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	NV	NT	-8.94	-0.005	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	HV	NT	-38.11	-0.022	-2.5	2.5	PASS
Band	3	19965	15	#0	QPSK	LV	NT	0.00	0.000	-2.5	2.5	PASS

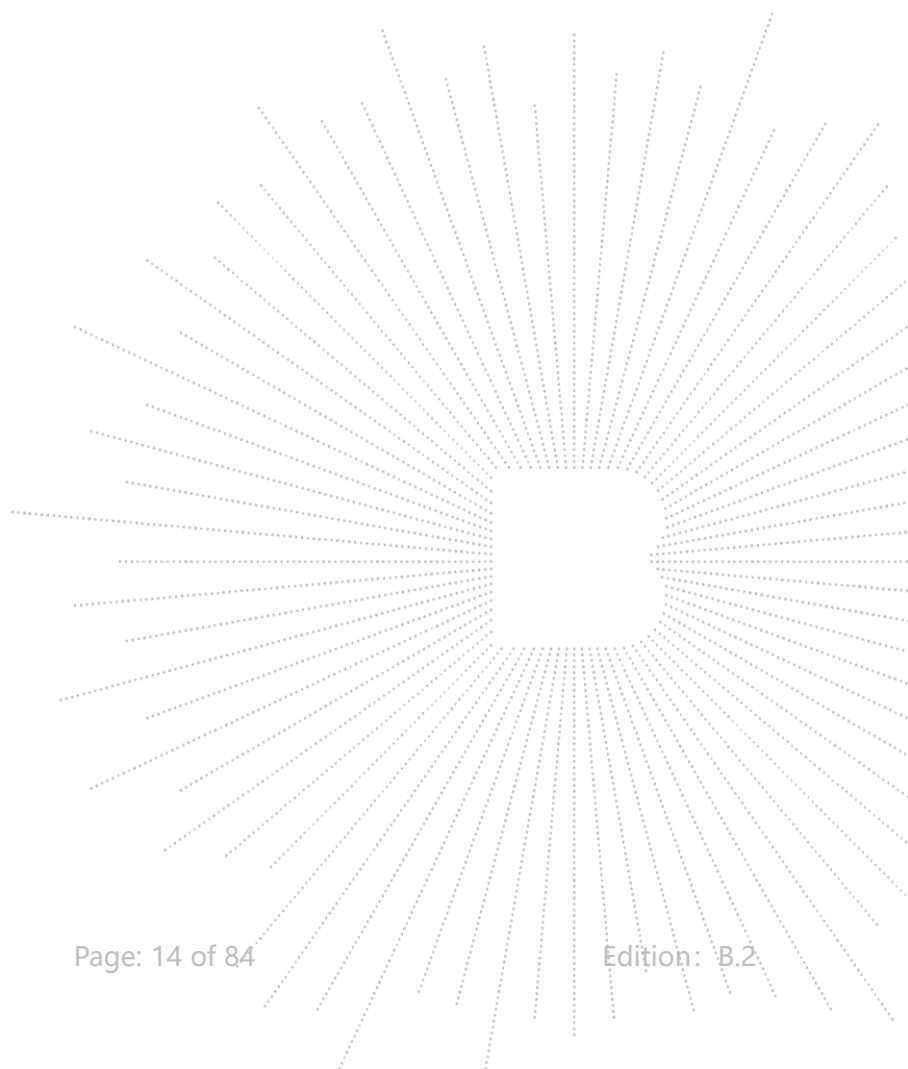
4												
Band 4	3	19965	15	#0	QPSK	NV	NT	0.00	0.000	-2.5	2.5	PASS
Band 4	3	19965	15	#0	QPSK	HV	NT	-22.4	-0.01	-2.5	2.5	PASS
								9	3			
Band 4	3	19965	15	#0	16QAM	LV	NT	-32.2	-0.01	-2.5	2.5	PASS
								2	9			
Band 4	3	19965	15	#0	16QAM	NV	NT	-39.7	-0.02	-2.5	2.5	PASS
								4	3			
Band 4	3	19965	15	#0	16QAM	HV	NT	-25.2	-0.01	-2.5	2.5	PASS
								2	5			
Band 4	3	20175	15	#0	QPSK	LV	NT	-29.1	-0.01	-2.5	2.5	PASS
								5	7			
Band 4	3	20175	15	#0	QPSK	NV	NT	-30.5	-0.01	-2.5	2.5	PASS
								7	8			
Band 4	3	20175	15	#0	QPSK	HV	NT	-28.1	-0.01	-2.5	2.5	PASS
								8	6			
Band 4	3	20175	15	#0	16QAM	LV	NT	-28.7	-0.01	-2.5	2.5	PASS
								7	7			
Band 4	3	20175	15	#0	16QAM	NV	NT	-23.5	-0.01	-2.5	2.5	PASS
								3	4			
Band 4	3	20175	15	#0	16QAM	HV	NT	-35.2	-0.02	-2.5	2.5	PASS
								2	0			
Band 4	3	20385	15	#0	QPSK	LV	NT	-18.3	-0.01	-2.5	2.5	PASS
								8	0			
Band 4	3	20385	15	#0	QPSK	NV	NT	-24.1	-0.01	-2.5	2.5	PASS
								8	4			
Band 4	3	20385	15	#0	QPSK	HV	NT	-28.5	-0.01	-2.5	2.5	PASS
								4	6			
Band 4	3	20385	15	#0	16QAM	LV	NT	-30.9	-0.01	-2.5	2.5	PASS
								3	8			
Band 4	3	20385	15	#0	16QAM	NV	NT	-29.7	-0.01	-2.5	2.5	PASS
								5	7			
Band 4	3	20385	15	#0	16QAM	HV	NT	-10.5	-0.00	-2.5	2.5	PASS
								7	6			
Band 4	5	19975	25	#0	QPSK	LV	NT	-15.0	-0.00	-2.5	2.5	PASS
								1	9			
Band 4	5	19975	25	#0	QPSK	NV	NT	-26.2	-0.01	-2.5	2.5	PASS
								4	5			
Band 4	5	19975	25	#0	QPSK	HV	NT	-39.5	-0.02	-2.5	2.5	PASS
								8	3			
Band 4	5	19975	25	#0	16QAM	LV	NT	-6.54	-0.00	-2.5	2.5	PASS
									4			
Band 4	5	19975	25	#0	16QAM	NV	NT	-14.5	-0.00	-2.5	2.5	PASS

4								9	9			
Band 4	5	19975	25	#0	16QAM	HV	NT	-19.43	-0.011	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	LV	NT	-1.42	-0.001	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	NV	NT	-29.17	-0.017	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	HV	NT	-33.17	-0.019	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	LV	NT	-24.93	-0.014	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	NV	NT	-39.22	-0.023	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	HV	NT	-28.22	-0.016	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	LV	NT	-4.62	-0.003	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	NV	NT	-19.66	-0.011	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	HV	NT	-22.30	-0.013	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	LV	NT	-28.11	-0.016	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	NV	NT	-24.06	-0.014	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	HV	NT	-14.13	-0.008	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	LV	NT	-16.26	-0.009	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	NV	NT	-28.71	-0.017	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	HV	NT	-20.28	-0.012	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	LV	NT	-21.69	-0.013	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	NV	NT	-5.39	-0.003	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	HV	NT	-17.48	-0.010	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	LV	NT	-20.01	-0.012	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	NV	NT	-7.95	-0.005	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	HV	NT	-28.2	-0.01	-2.5	2.5	PASS

4								0	6			
Band 4	10	20175	50	#0	16QAM	LV	NT	-23.02	-0.013	-2.5	2.5	PASS
Band 4	10	20175	50	#0	16QAM	NV	NT	-18.97	-0.011	-2.5	2.5	PASS
Band 4	10	20175	50	#0	16QAM	HV	NT	-21.10	-0.012	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	LV	NT	-13.83	-0.008	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	NV	NT	-25.11	-0.014	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	HV	NT	-29.28	-0.017	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	LV	NT	-15.29	-0.009	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	NV	NT	-16.84	-0.010	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	HV	NT	-11.53	-0.007	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	LV	NT	-27.42	-0.016	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	NV	NT	-27.22	-0.016	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	HV	NT	-19.96	-0.012	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	LV	NT	-23.60	-0.014	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	NV	NT	-30.93	-0.018	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	HV	NT	-29.67	-0.017	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	LV	NT	-7.25	-0.004	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	NV	NT	-23.80	-0.014	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	HV	NT	-13.33	-0.008	-2.5	2.5	PASS
Band 4	15	20175	75	#0	16QAM	LV	NT	-38.35	-0.022	-2.5	2.5	PASS
Band 4	15	20175	75	#0	16QAM	NV	NT	-12.20	-0.007	-2.5	2.5	PASS
Band 4	15	20175	75	#0	16QAM	HV	NT	-18.74	-0.011	-2.5	2.5	PASS
Band	15	20325	75	#0	QPSK	LV	NT	8.38	0.005	-2.5	2.5	PASS

4												
Band 4	15	20325	75	#0	QPSK	NV	NT	-13.5 2	-0.00 8	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	HV	NT	-24.0 6	-0.01 4	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	LV	NT	-28.4 4	-0.01 6	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	NV	NT	-40.4 4	-0.02 3	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	HV	NT	-15.5 8	-0.00 9	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	LV	NT	-22.9 2	-0.01 3	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	NV	NT	-34.2 8	-0.02 0	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	HV	NT	-20.5 0	-0.01 2	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	LV	NT	-28.2 0	-0.01 6	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	NV	NT	-12.8 9	-0.00 7	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	HV	NT	-26.7 8	-0.01 6	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	LV	NT	-9.21 5	-0.00 5	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	NV	NT	-21.6 0	-0.01 2	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	HV	NT	-5.61 3	-0.00 3	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	LV	NT	-12.8 7	-0.00 7	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	NV	NT	-16.5 2	-0.01 0	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	HV	NT	-19.4 0	-0.011 0	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	LV	NT	-4.96 3	-0.00 3	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	NV	NT	-18.11 0	-0.01 0	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	HV	NT	-39.2 5	-0.02 2	-2.5	2.5	PASS
Band 4	20	20300	100	#0	16QAM	LV	NT	-19.11 0	-0.011 0	-2.5	2.5	PASS
Band 4	20	20300	100	#0	16QAM	NV	NT	-27.1 0	-0.01 0	-2.5	2.5	PASS

4								4	6			
Band	20	20300	100	#0	16QAM	HV	NT	-23.2	-0.01	-2.5	2.5	PASS
4								2	3			

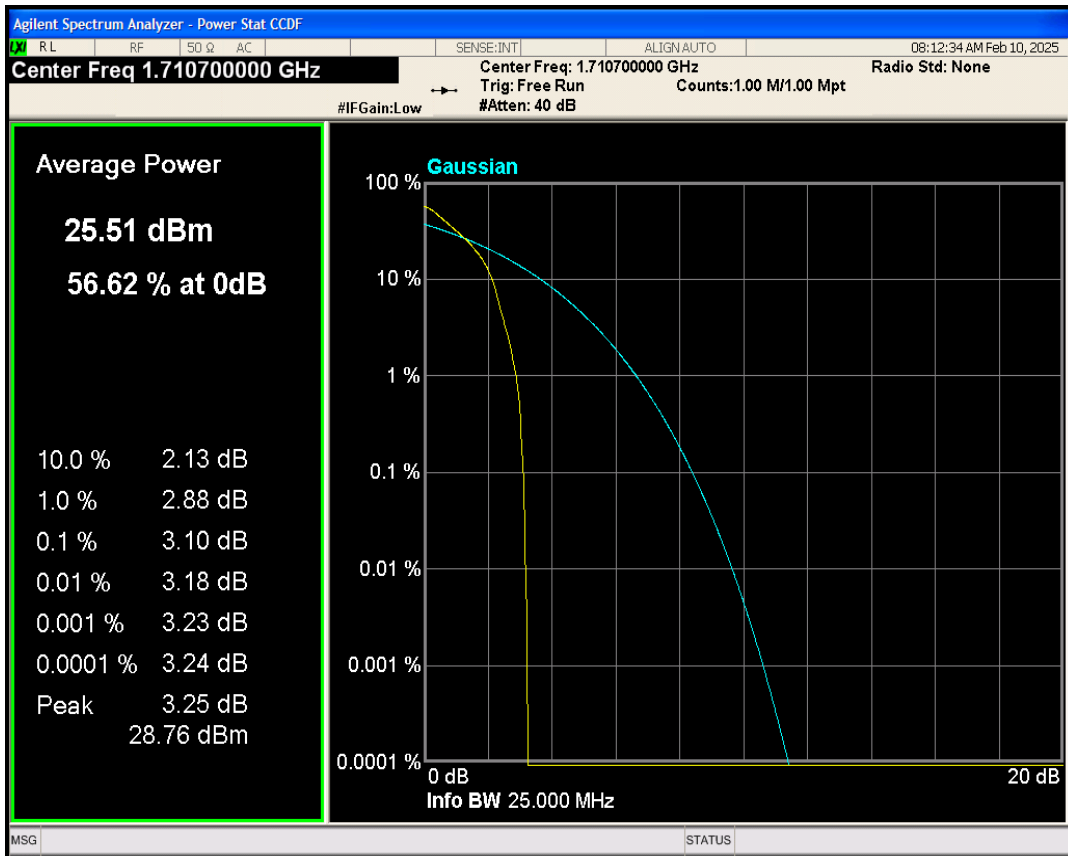


Appendix 3. Peak-to-Average Ratio

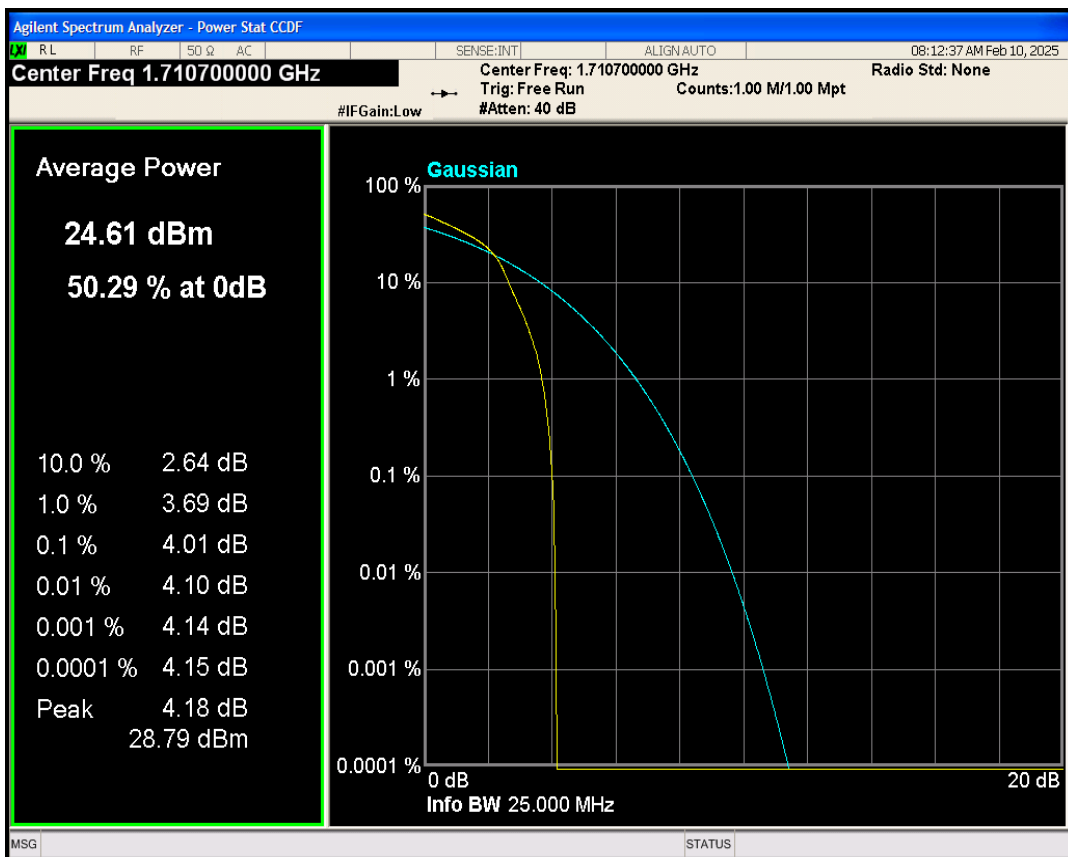
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	3.10	13	PASS
Band4	1.4	19957	1	#0	16QAM	4.01	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.52	13	PASS
Band4	1.4	20175	1	#0	16QAM	4.34	13	PASS
Band4	1.4	20393	1	#0	QPSK	3.29	13	PASS
Band4	1.4	20393	1	#0	16QAM	3.58	13	PASS
Band4	3	19965	1	#0	QPSK	3.12	13	PASS
Band4	3	19965	1	#0	16QAM	4.10	13	PASS
Band4	3	20175	1	#0	QPSK	3.56	13	PASS
Band4	3	20175	1	#0	16QAM	4.10	13	PASS
Band4	3	20385	1	#0	QPSK	2.92	13	PASS
Band4	3	20385	1	#0	16QAM	4.00	13	PASS
Band4	5	19975	1	#0	QPSK	3.13	13	PASS
Band4	5	19975	1	#0	16QAM	4.44	13	PASS
Band4	5	20175	1	#0	QPSK	3.58	13	PASS
Band4	5	20175	1	#0	16QAM	4.46	13	PASS
Band4	5	20375	1	#0	QPSK	2.92	13	PASS
Band4	5	20375	1	#0	16QAM	3.94	13	PASS
Band4	10	20000	1	#0	QPSK	3.13	13	PASS
Band4	10	20000	1	#0	16QAM	4.04	13	PASS
Band4	10	20175	1	#0	QPSK	4.02	13	PASS
Band4	10	20175	1	#0	16QAM	5.05	13	PASS
Band4	10	20350	1	#0	QPSK	3.11	13	PASS
Band4	10	20350	1	#0	16QAM	4.35	13	PASS
Band4	15	20025	1	#0	QPSK	3.12	13	PASS
Band4	15	20025	1	#0	16QAM	4.05	13	PASS
Band4	15	20175	1	#0	QPSK	4.44	13	PASS
Band4	15	20175	1	#0	16QAM	5.42	13	PASS
Band4	15	20325	1	#0	QPSK	3.17	13	PASS
Band4	15	20325	1	#0	16QAM	4.01	13	PASS
Band4	20	20050	1	#0	QPSK	3.01	13	PASS
Band4	20	20050	1	#0	16QAM	3.95	13	PASS
Band4	20	20175	1	#0	QPSK	4.30	13	PASS
Band4	20	20175	1	#0	16QAM	5.27	13	PASS
Band4	20	20300	1	#0	QPSK	2.85	13	PASS
Band4	20	20300	1	#0	16QAM	3.82	13	PASS



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0

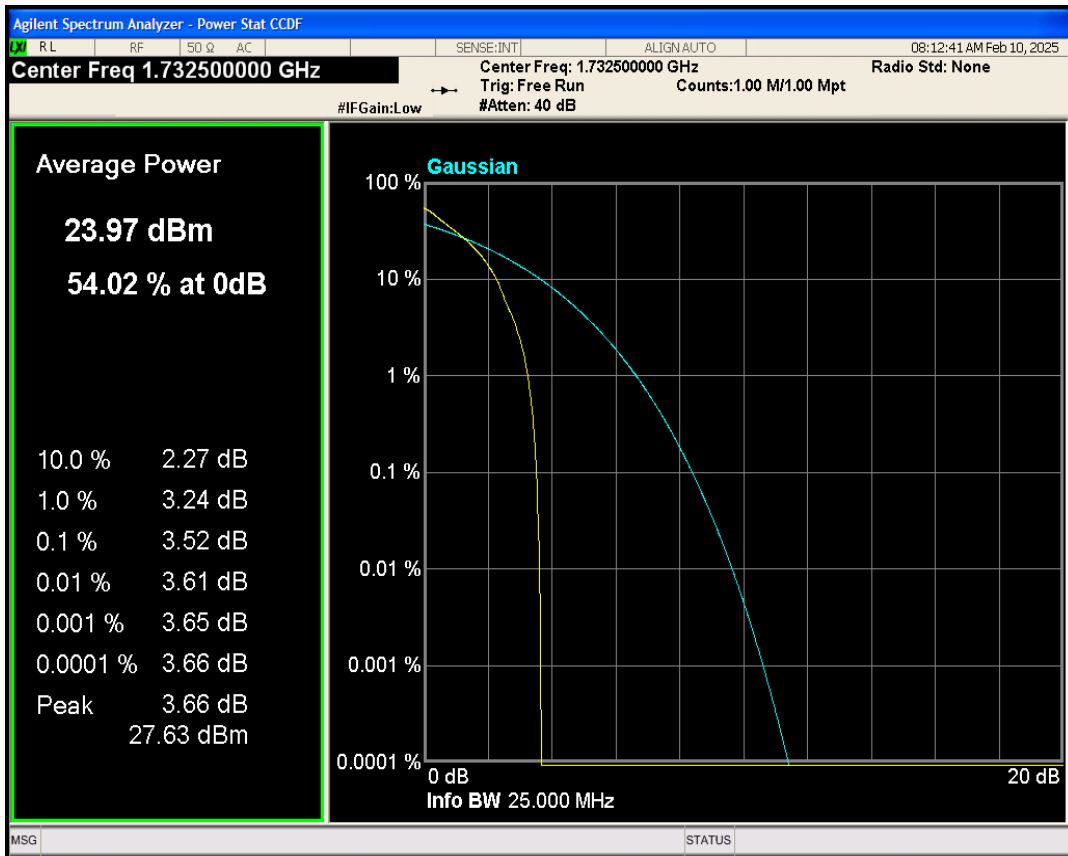


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0

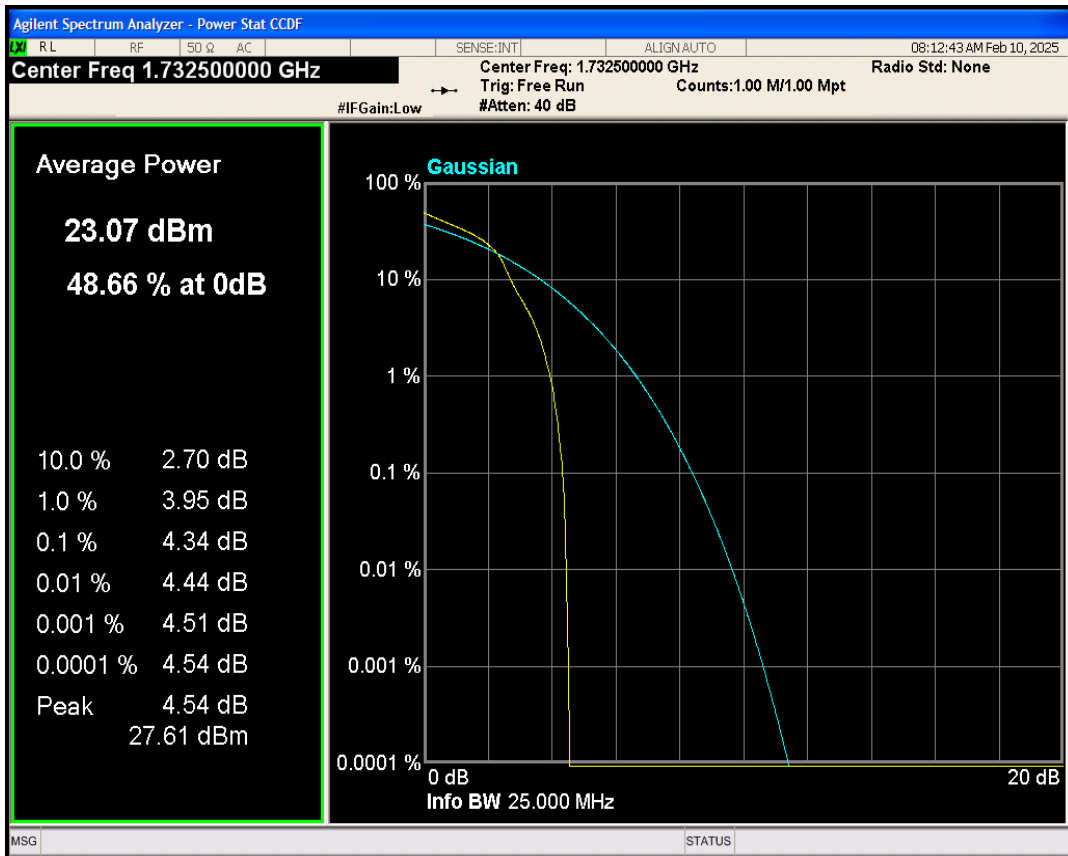




Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0

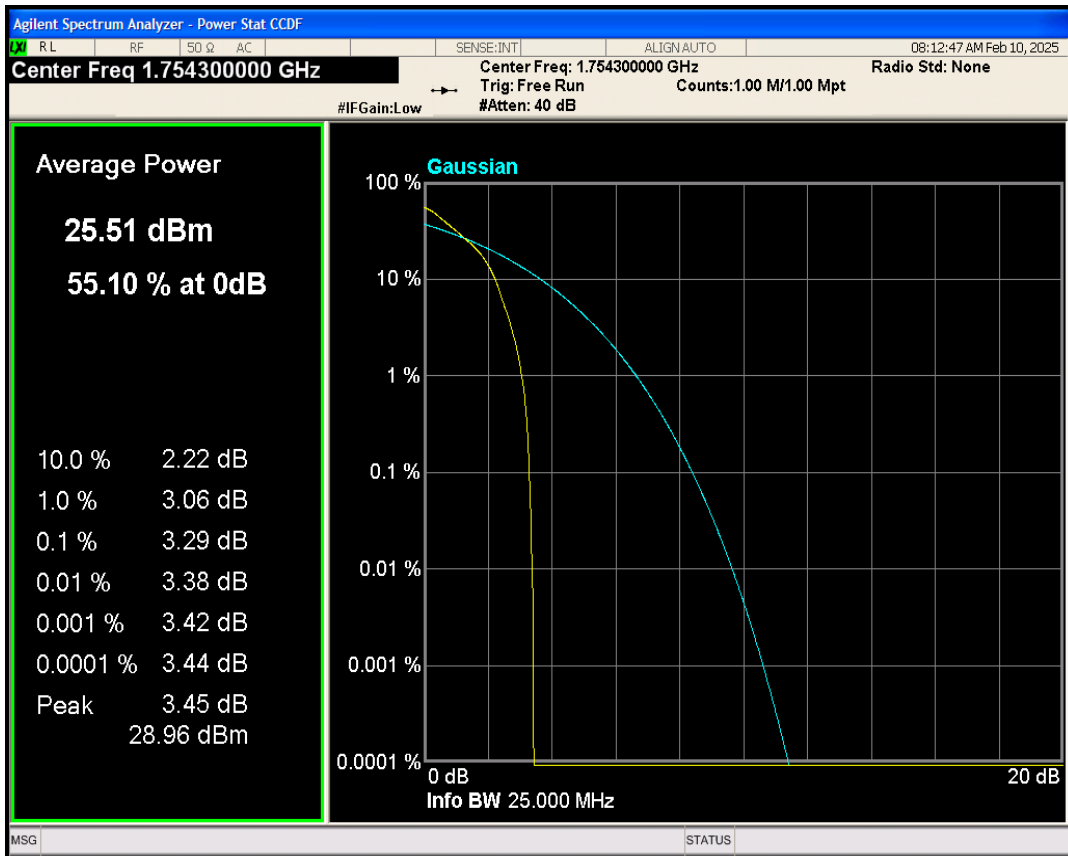


Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0

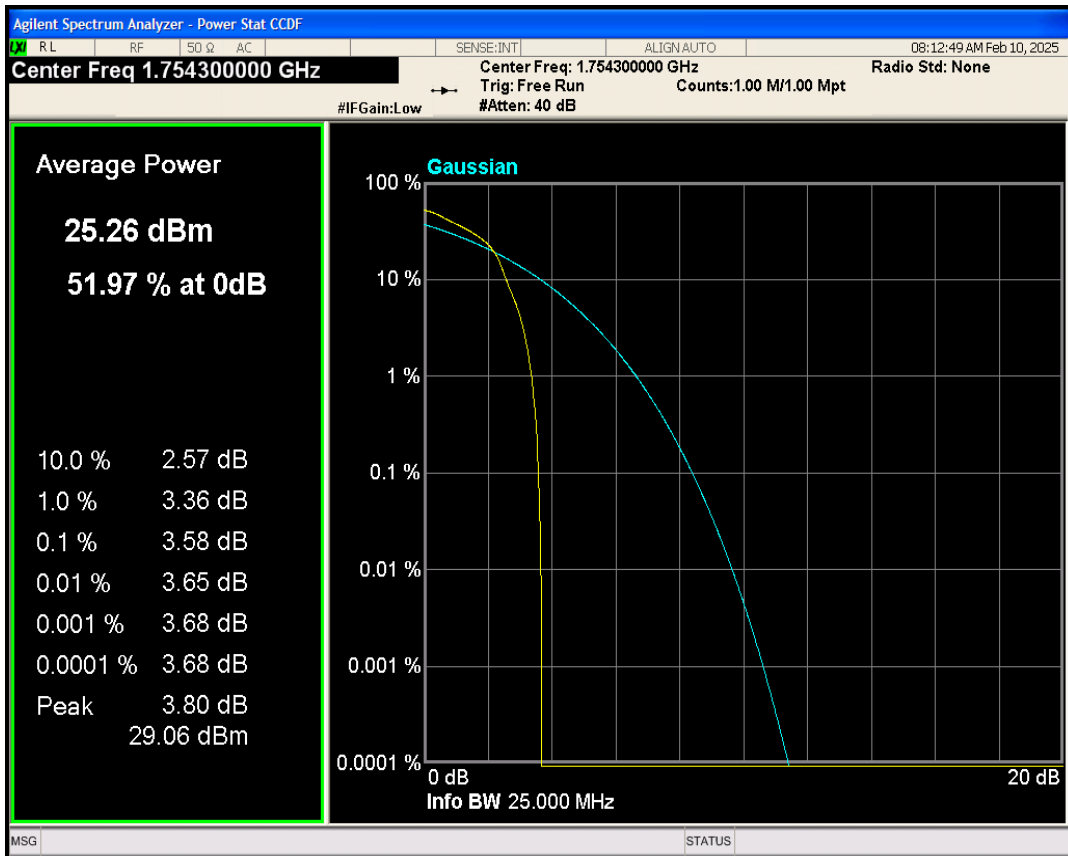




Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0

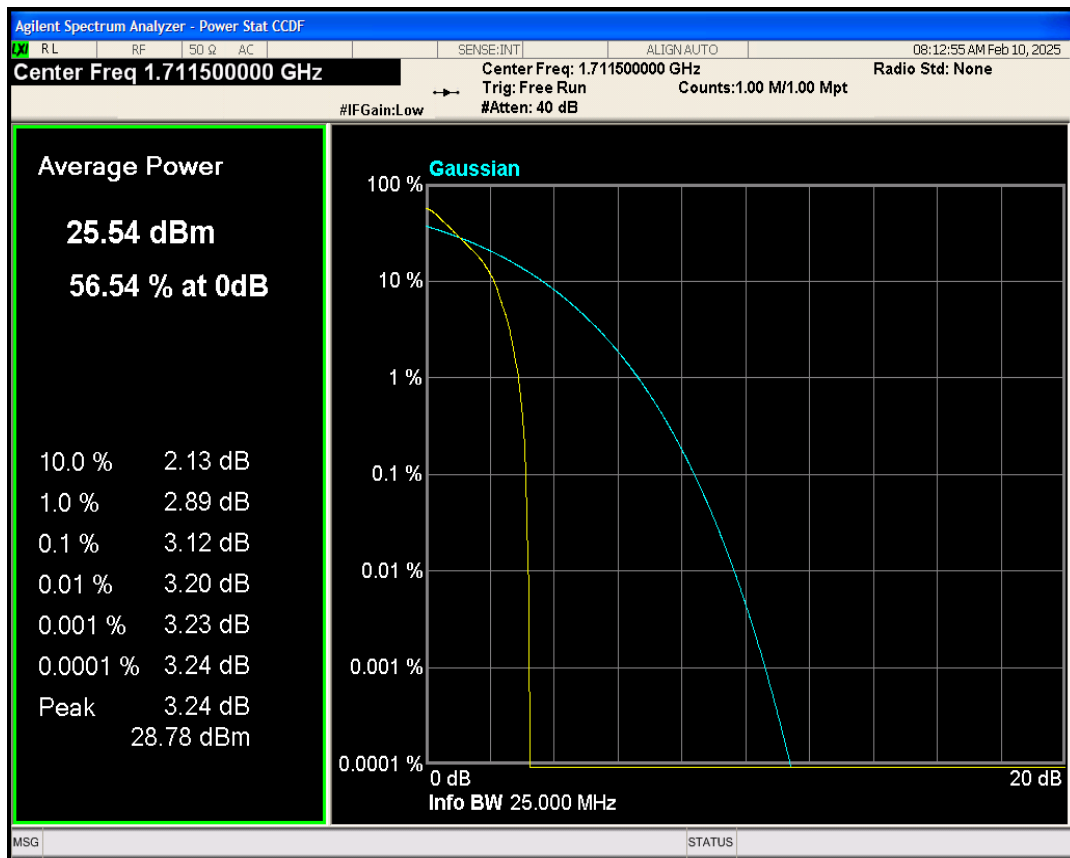


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0

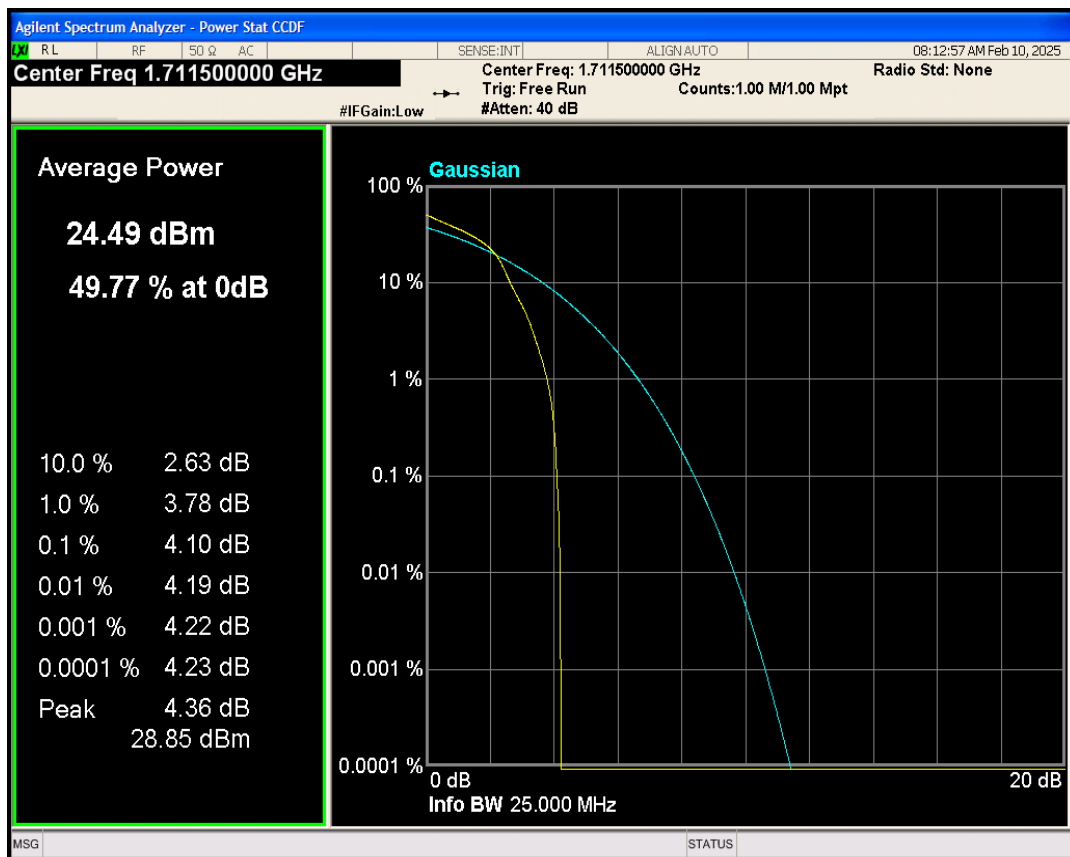




Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0

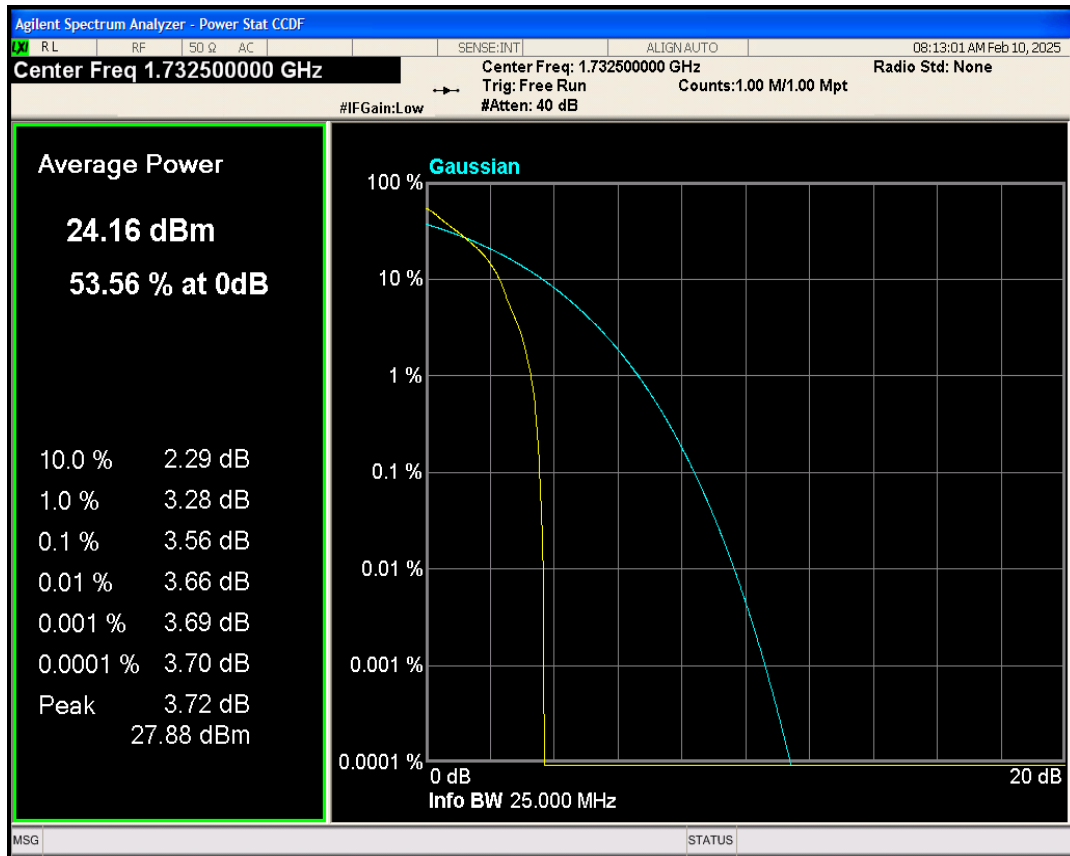


Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0

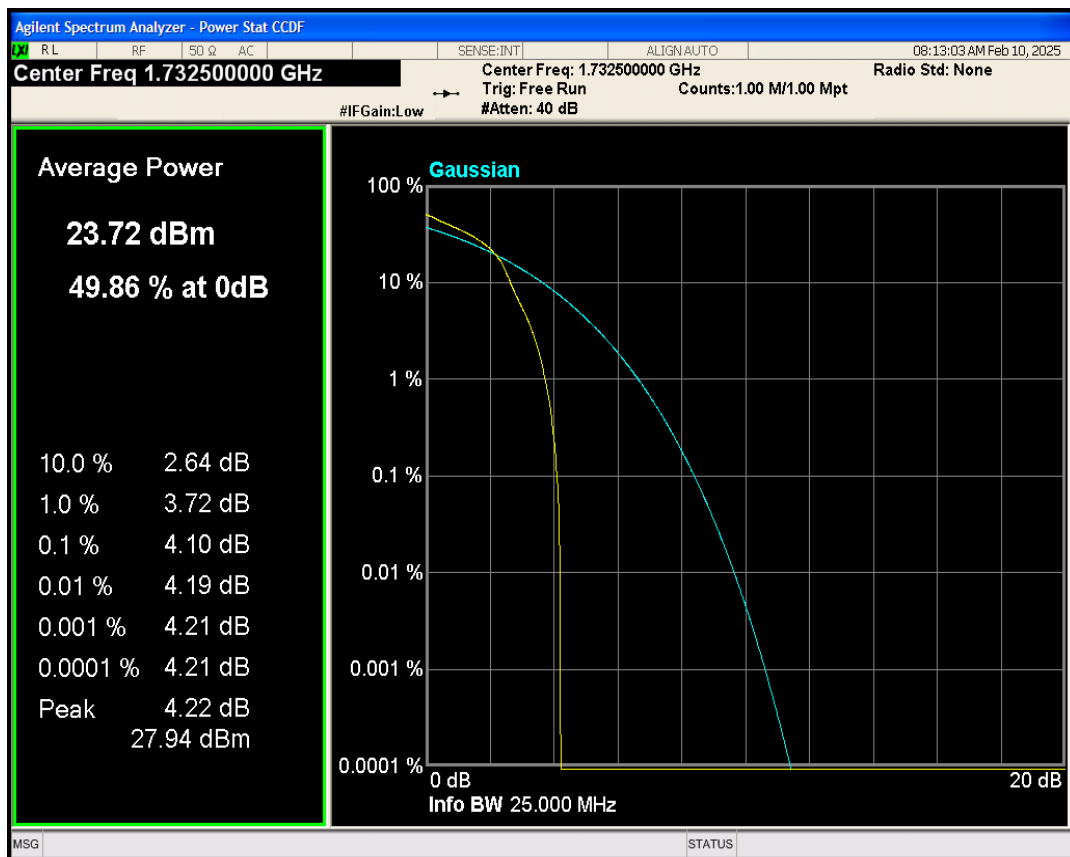




Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0

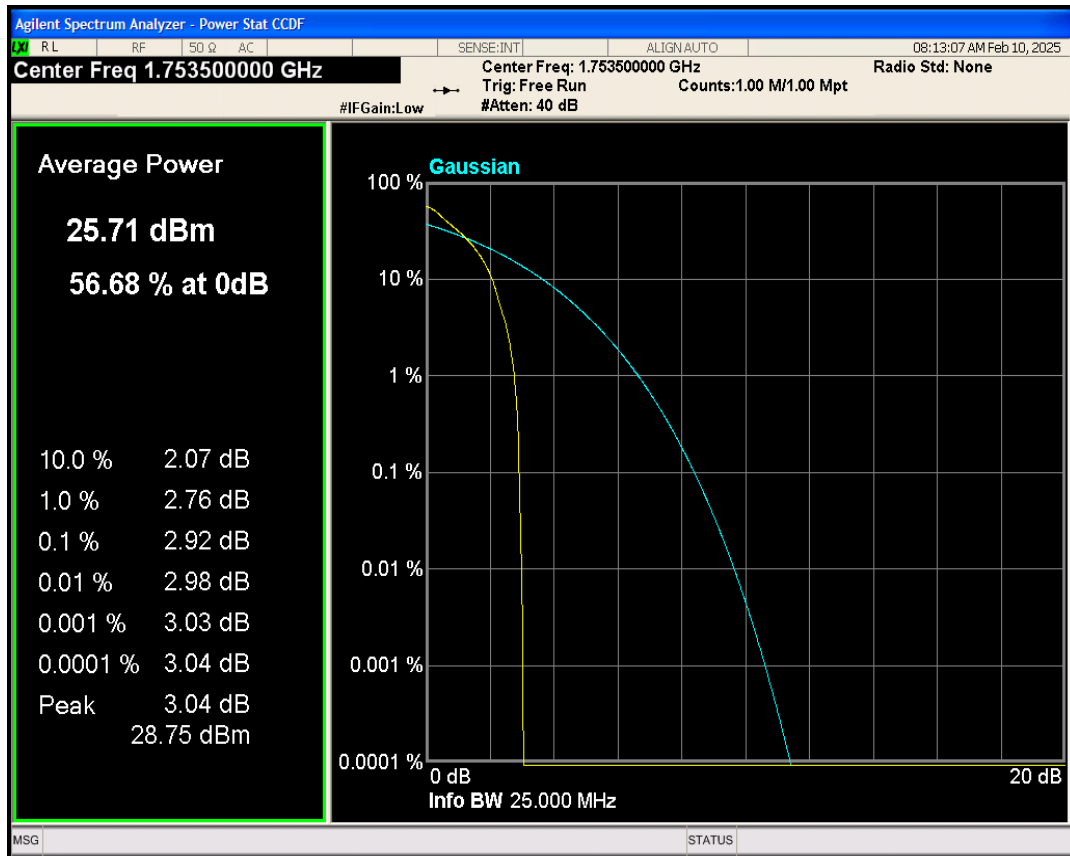


Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0

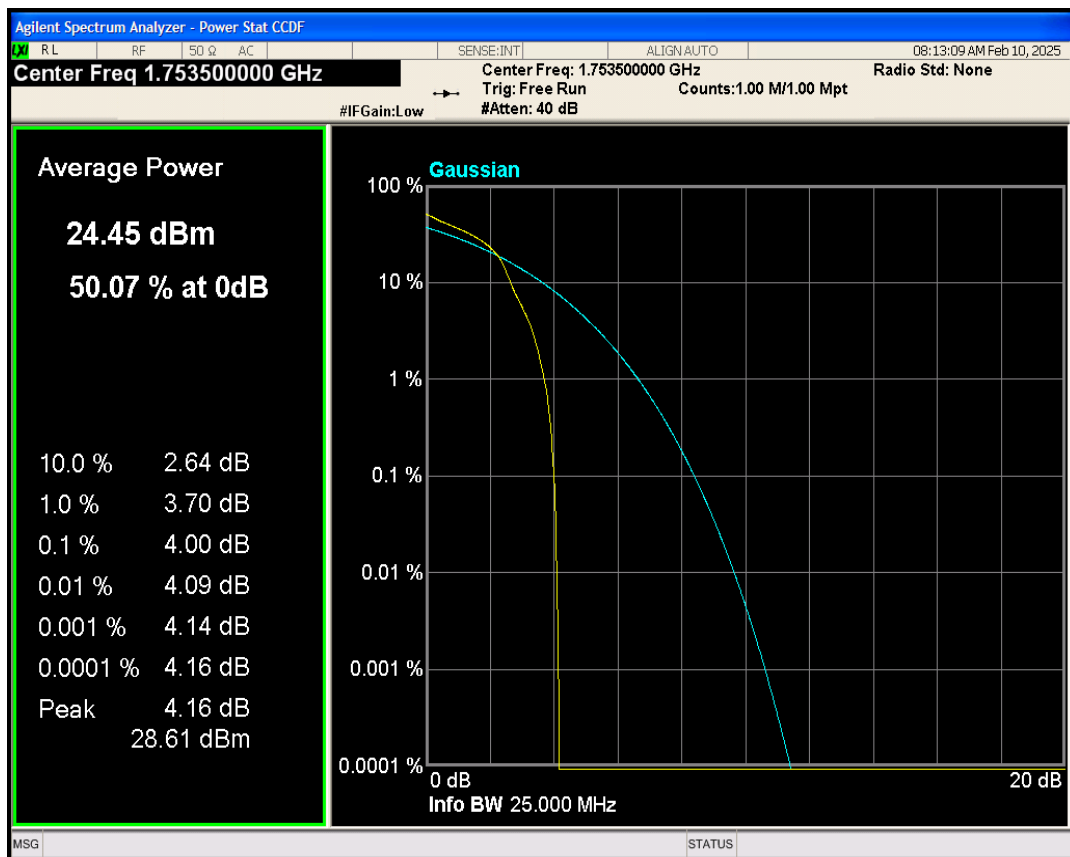




Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0

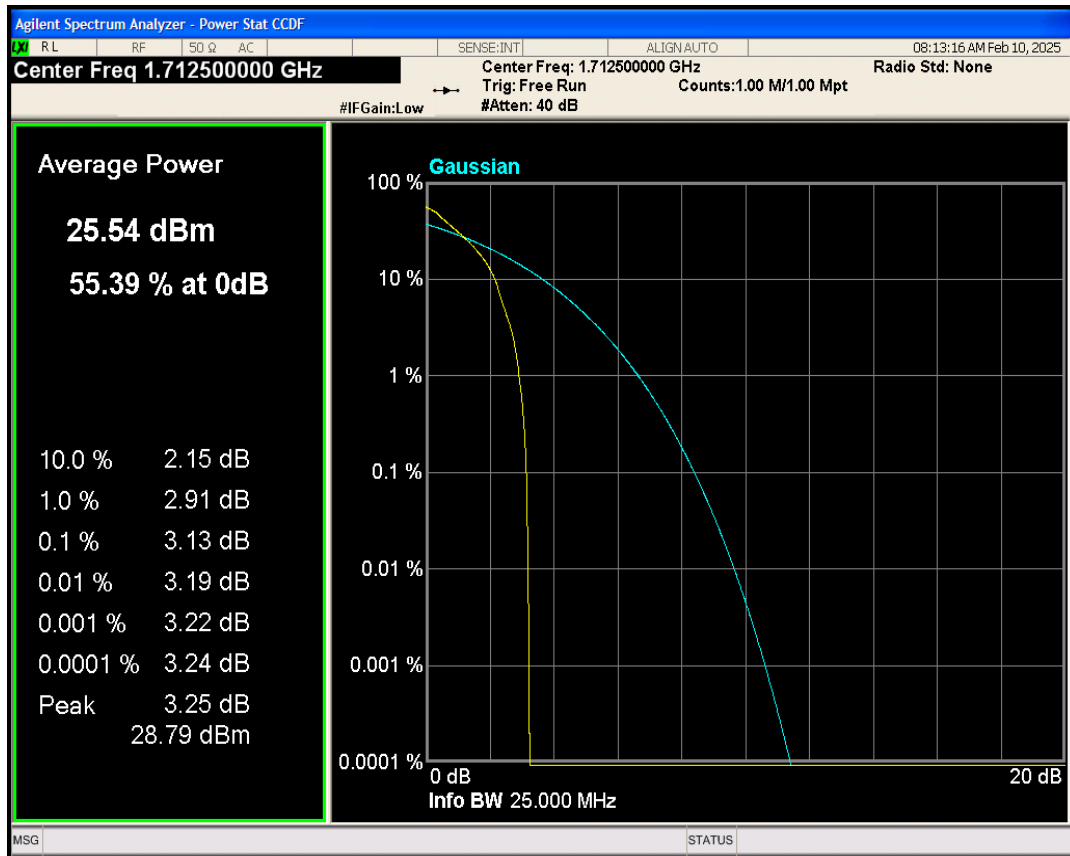


Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0

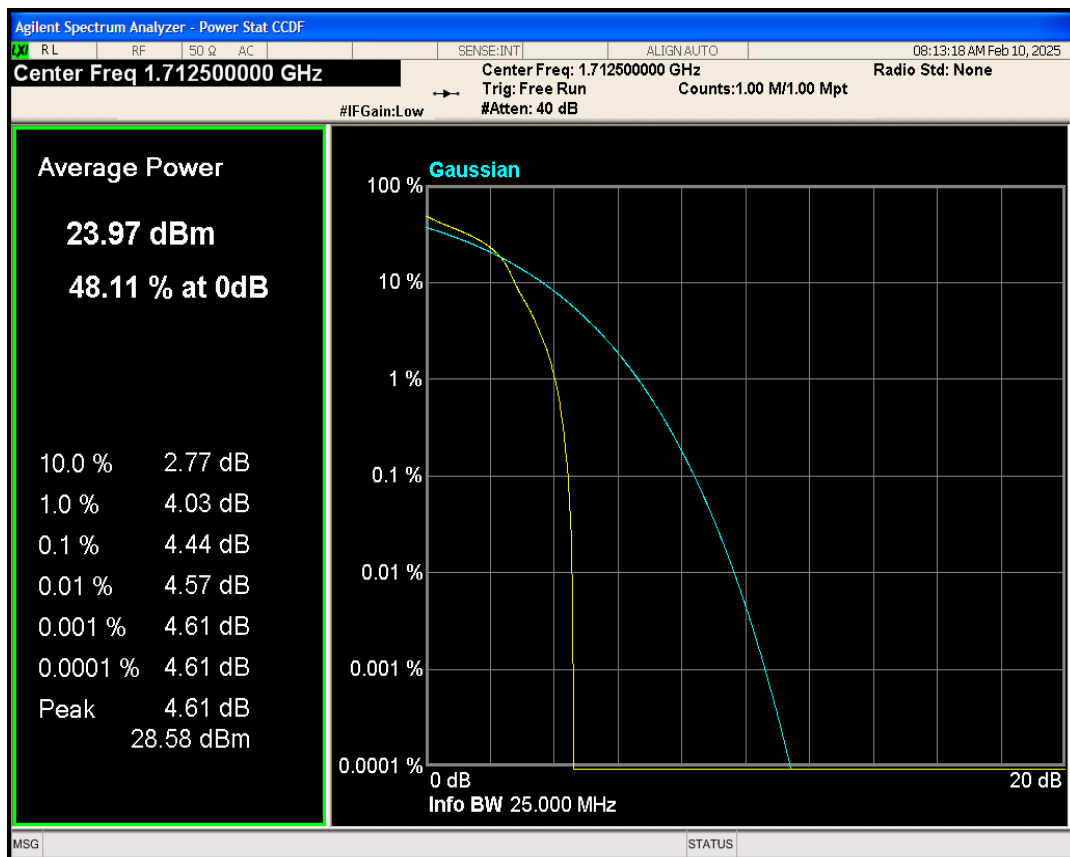




Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0

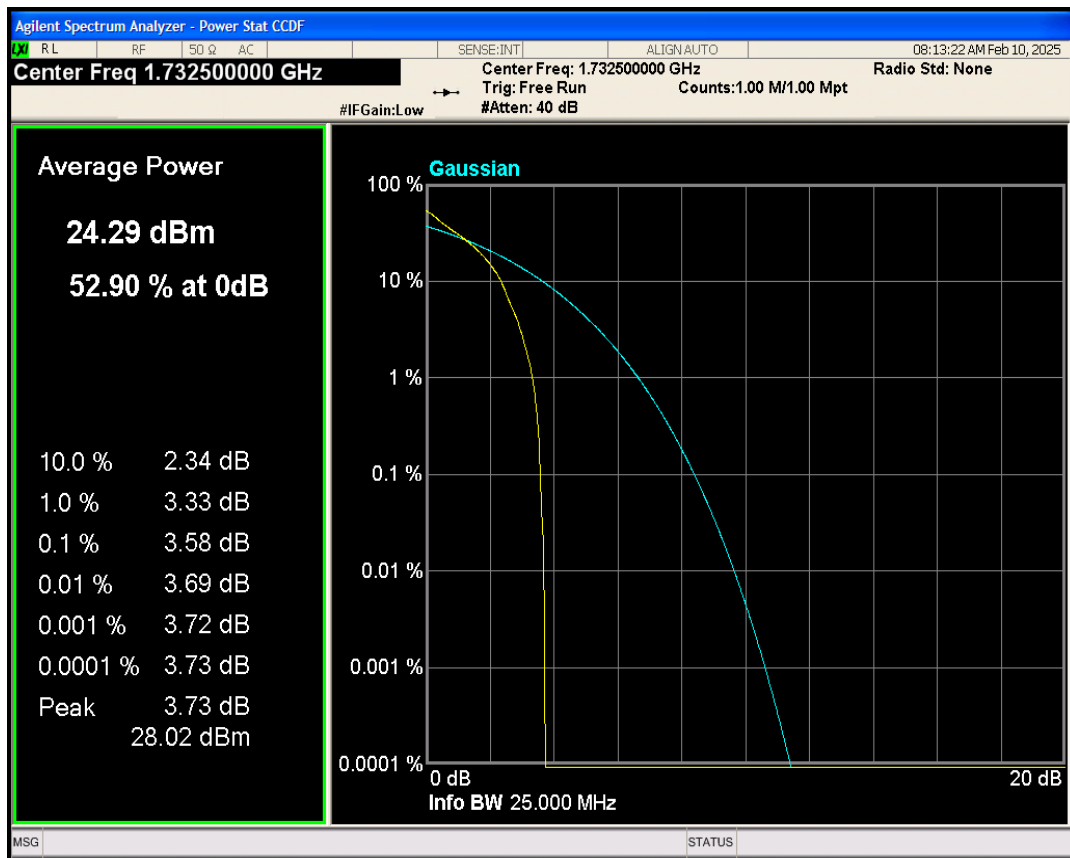


Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0

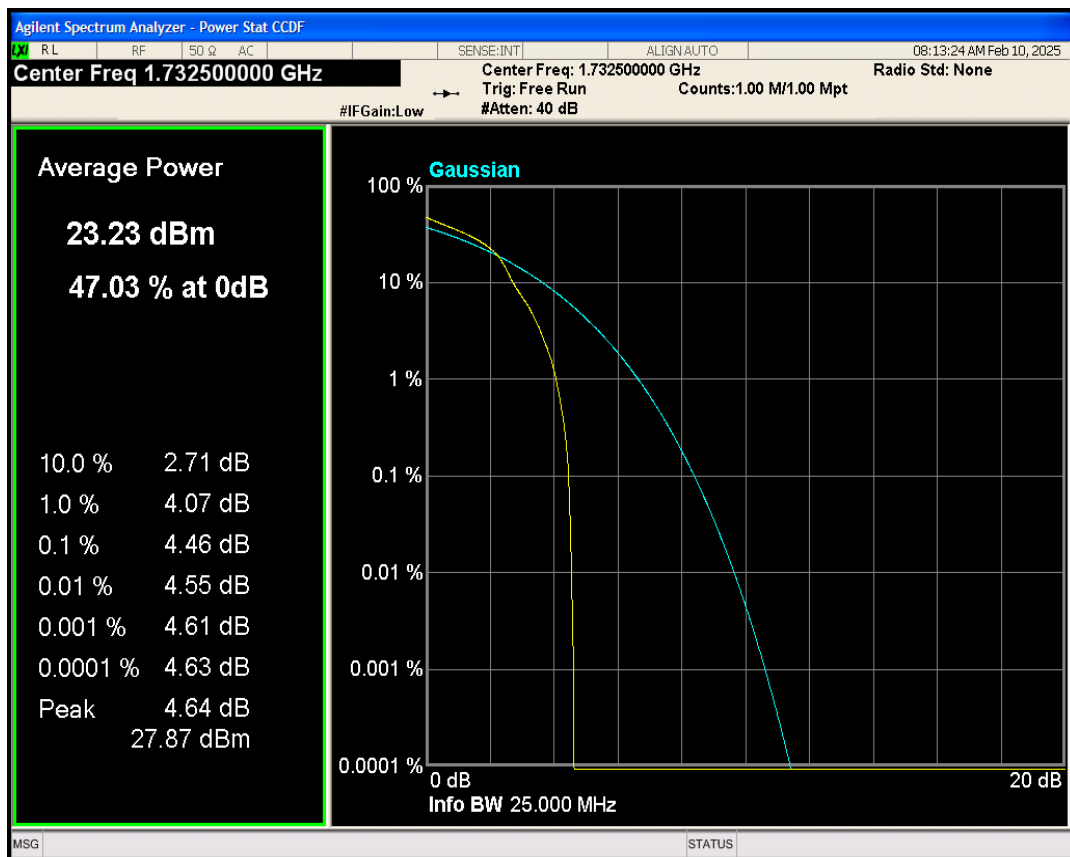




Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0

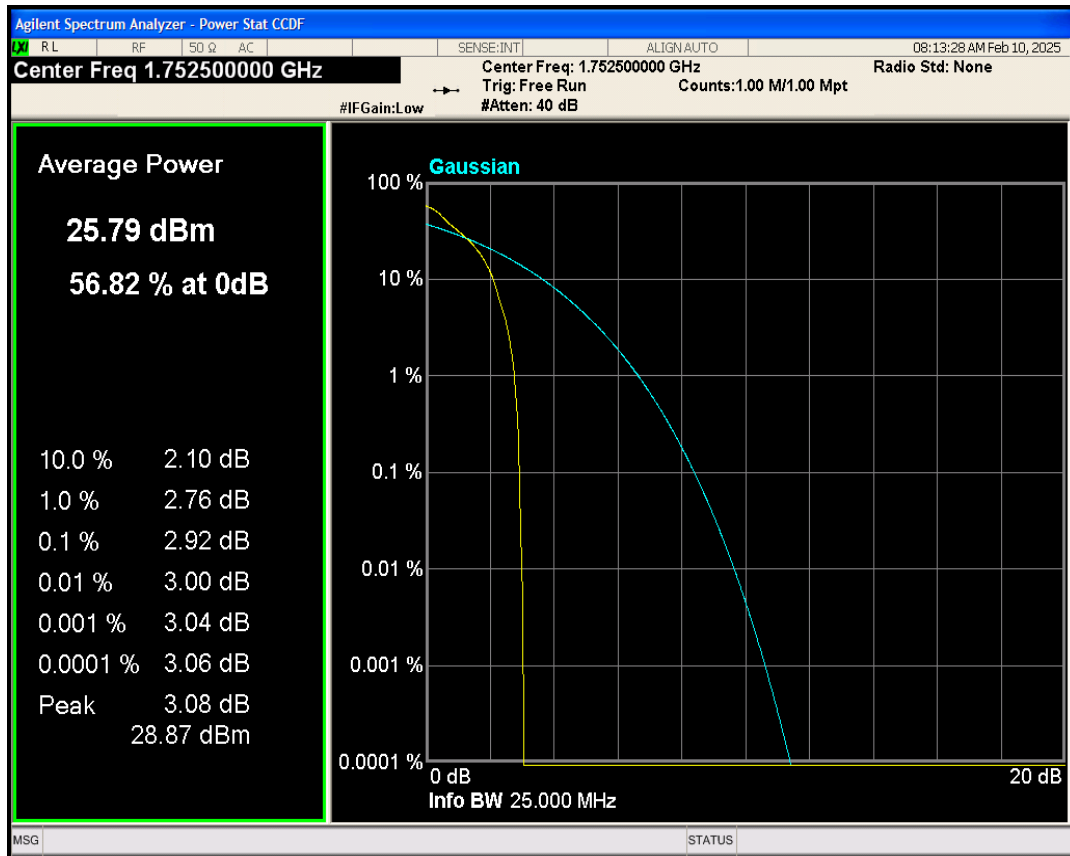


Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0

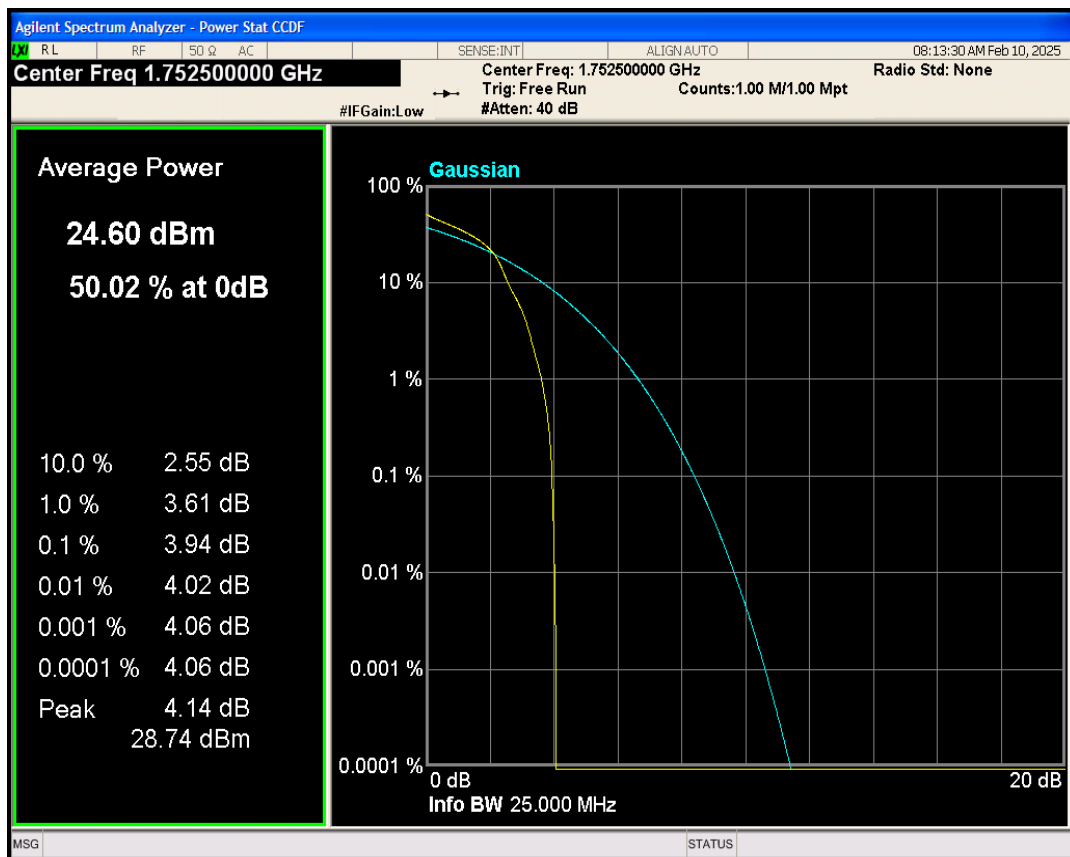




Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0

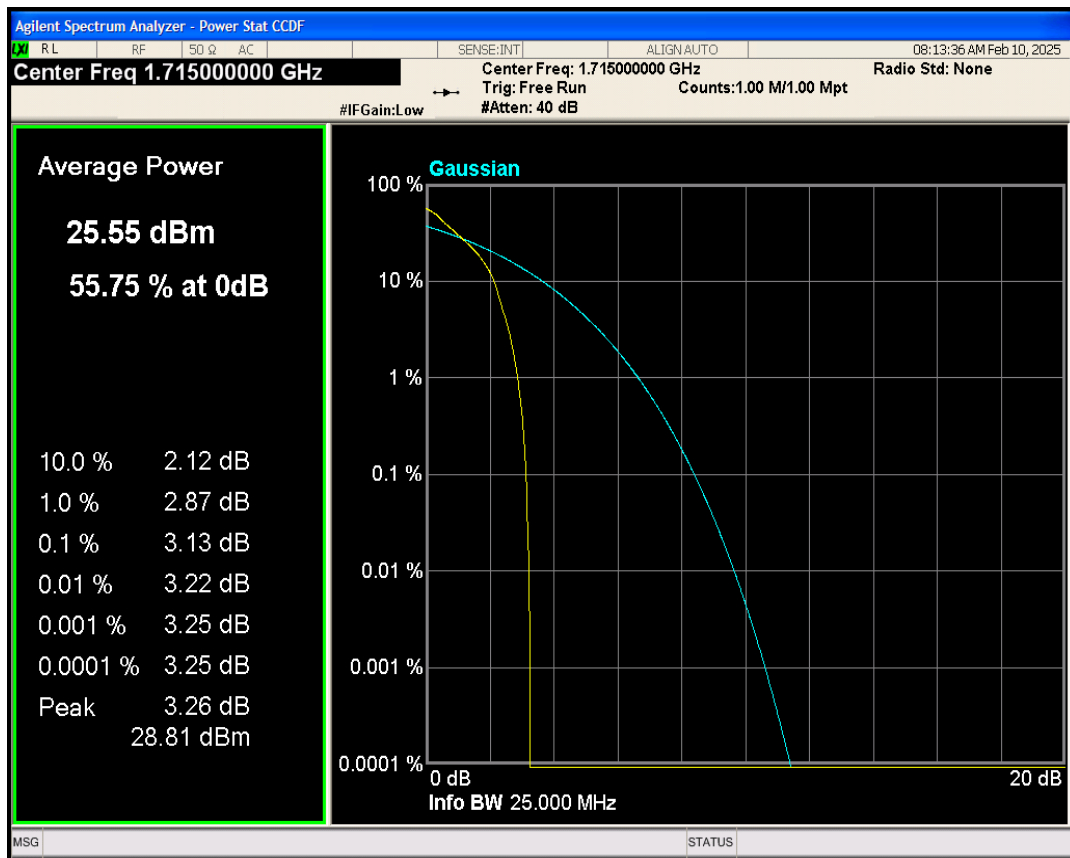


Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0

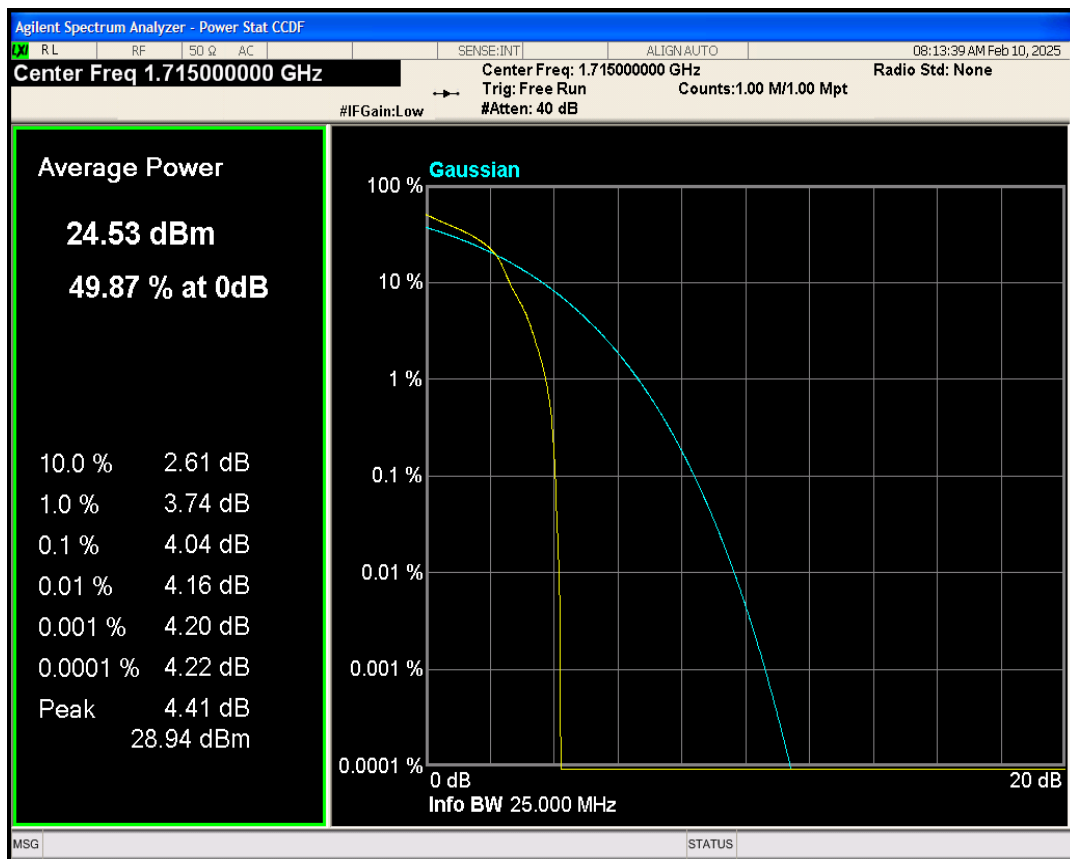




Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0

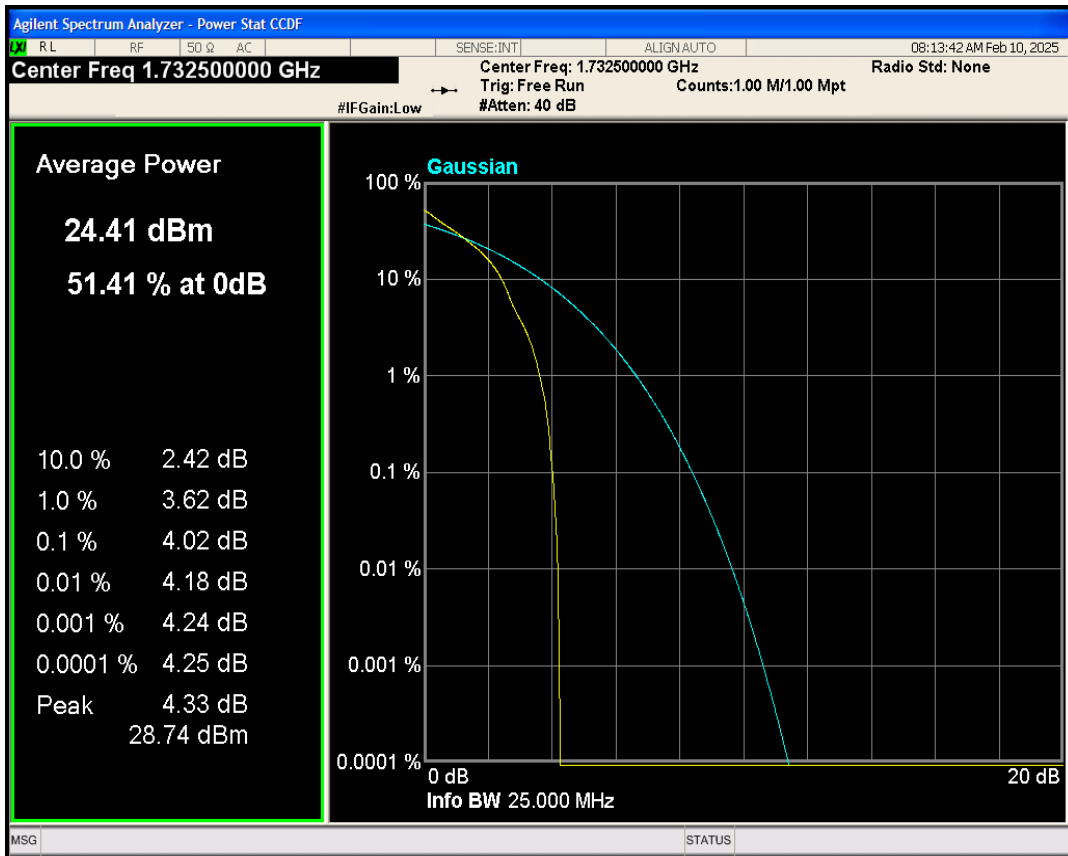


Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0

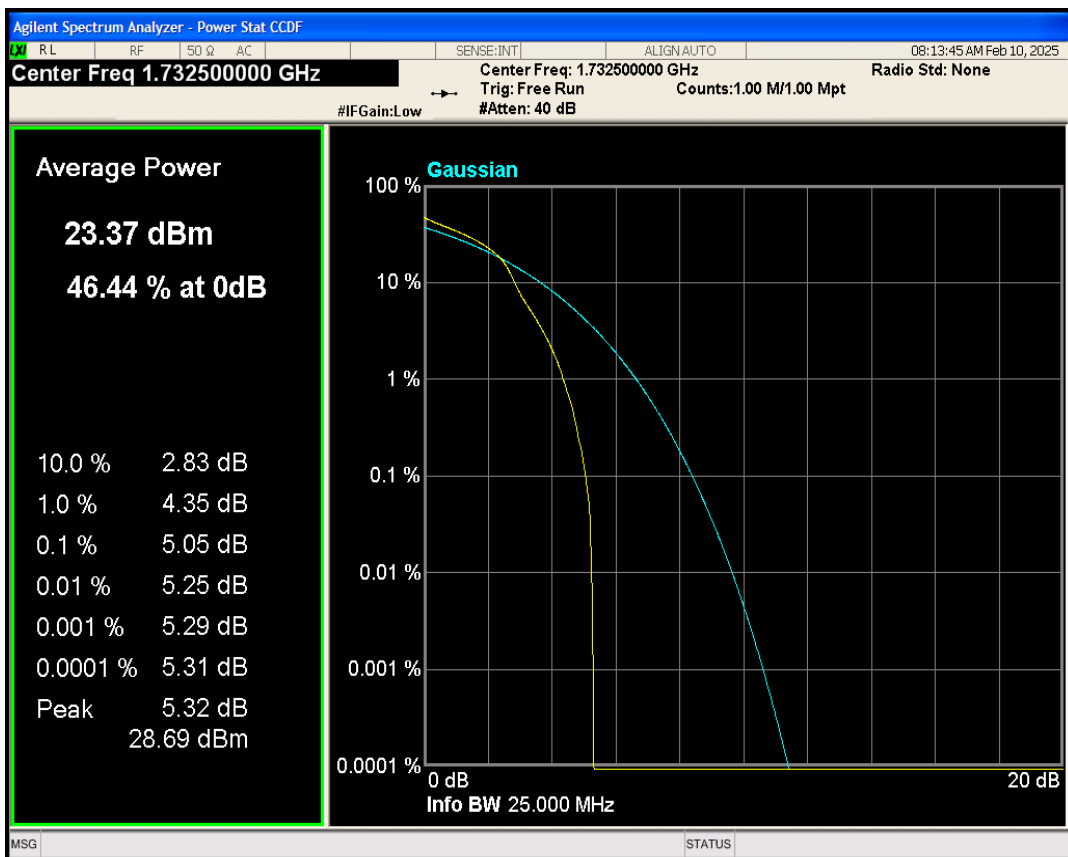




Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0

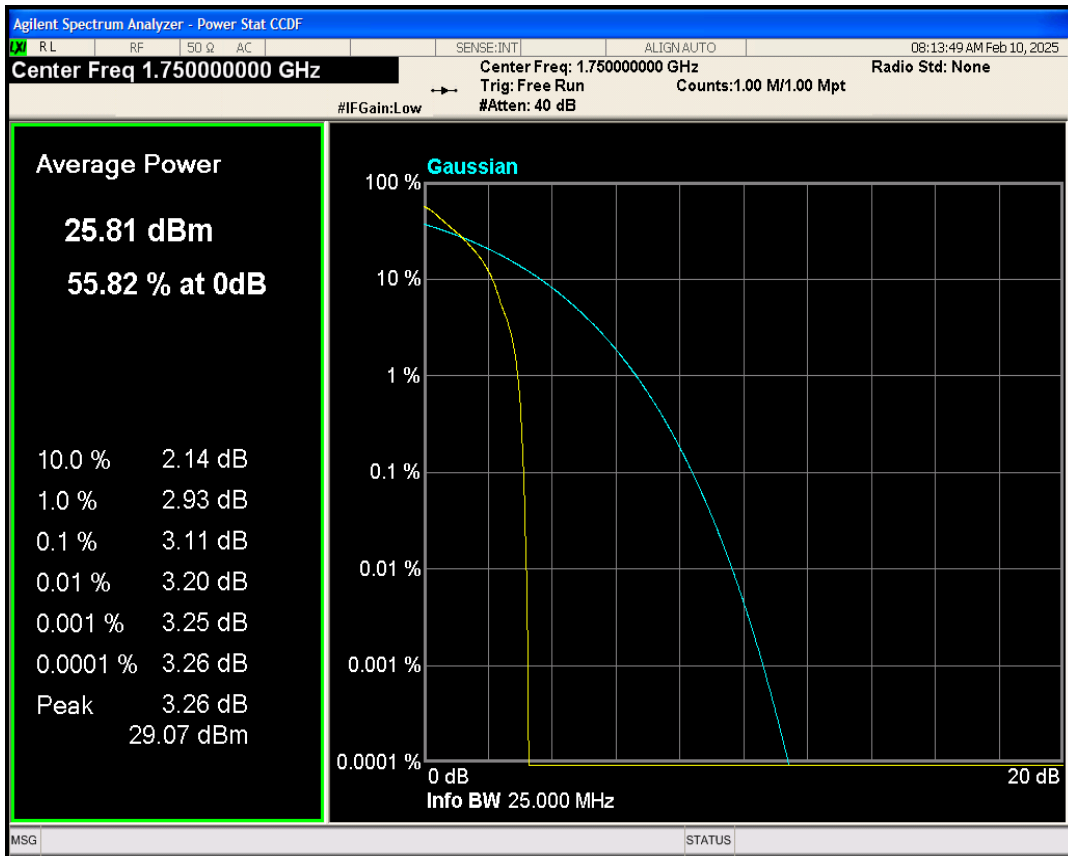


Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0

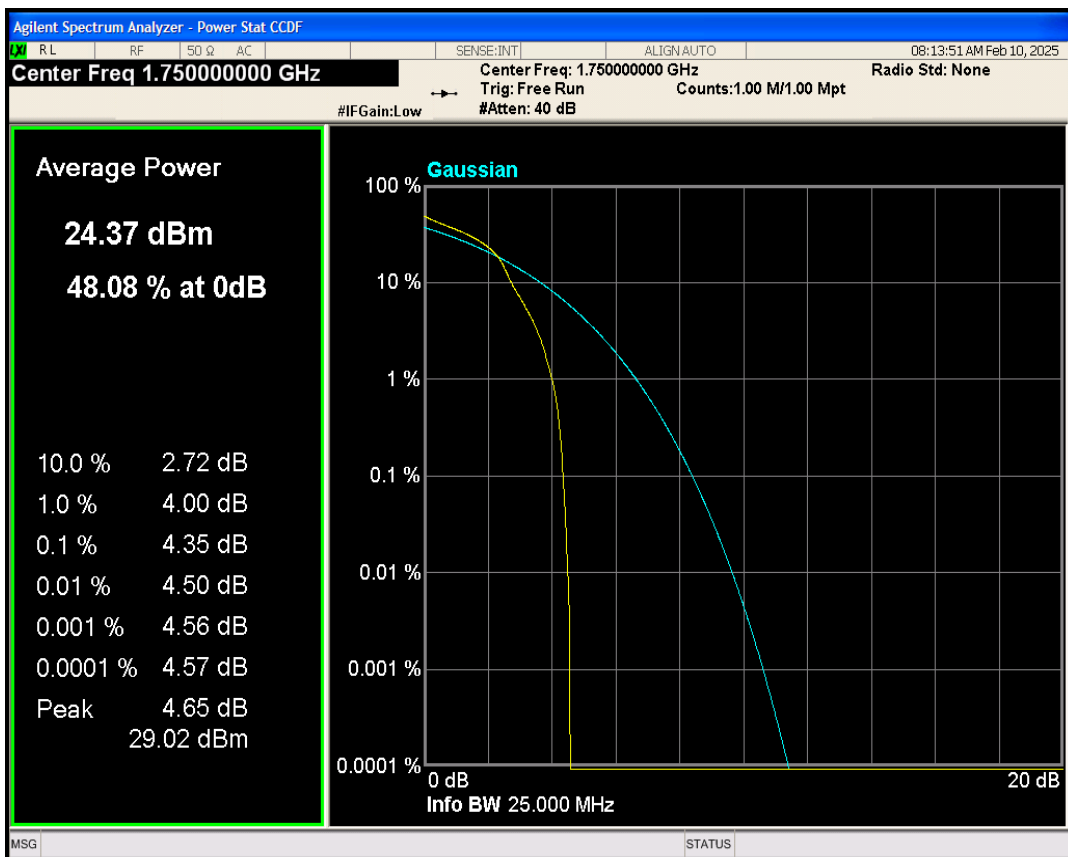




Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0

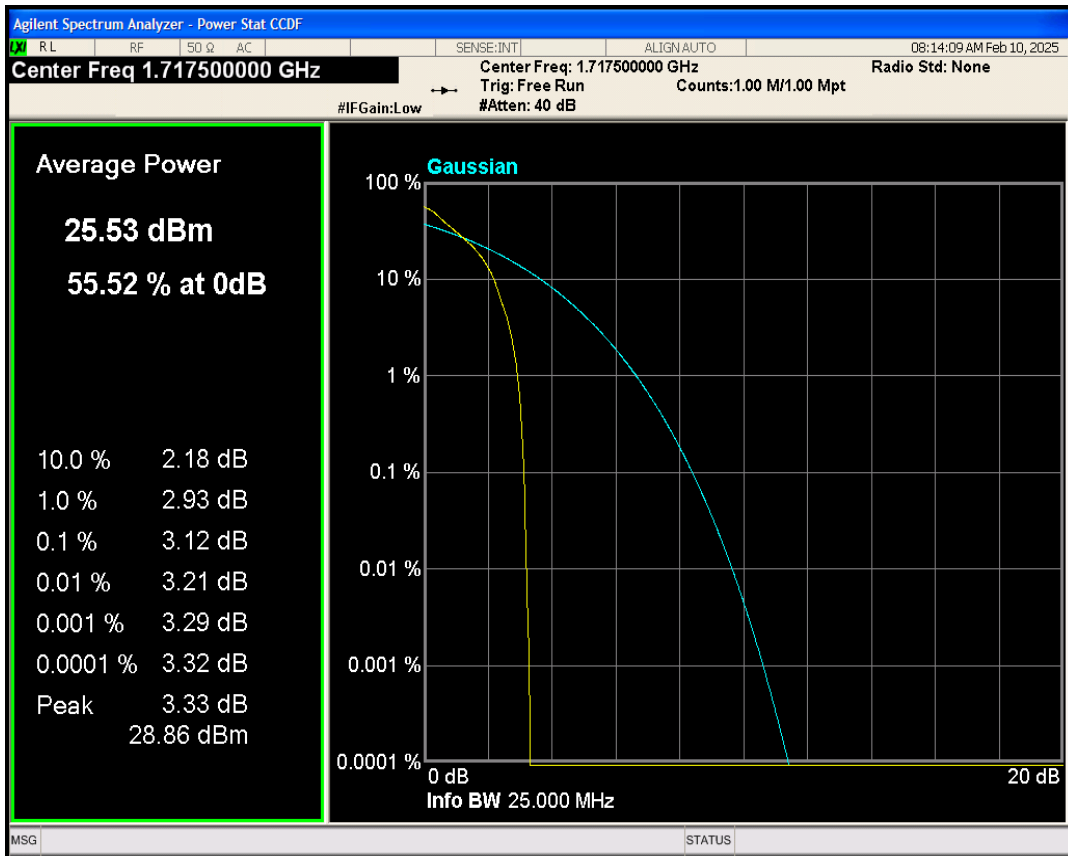


Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0

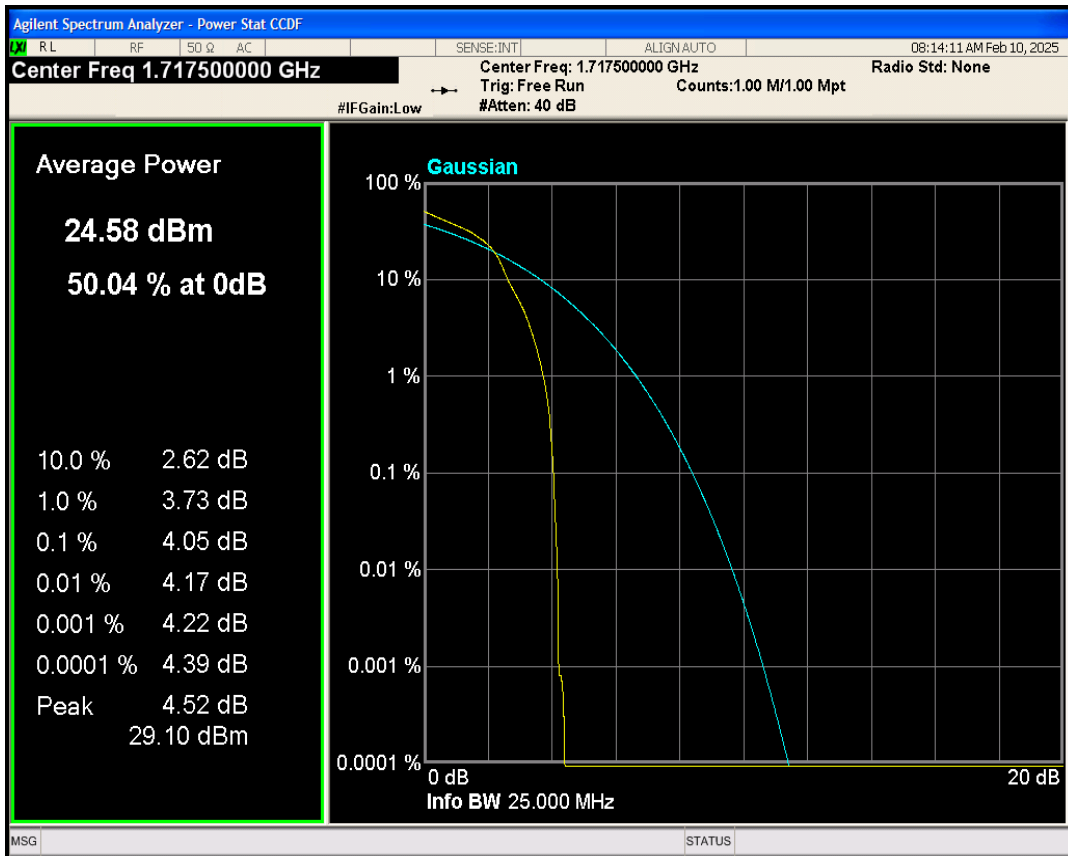




Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0

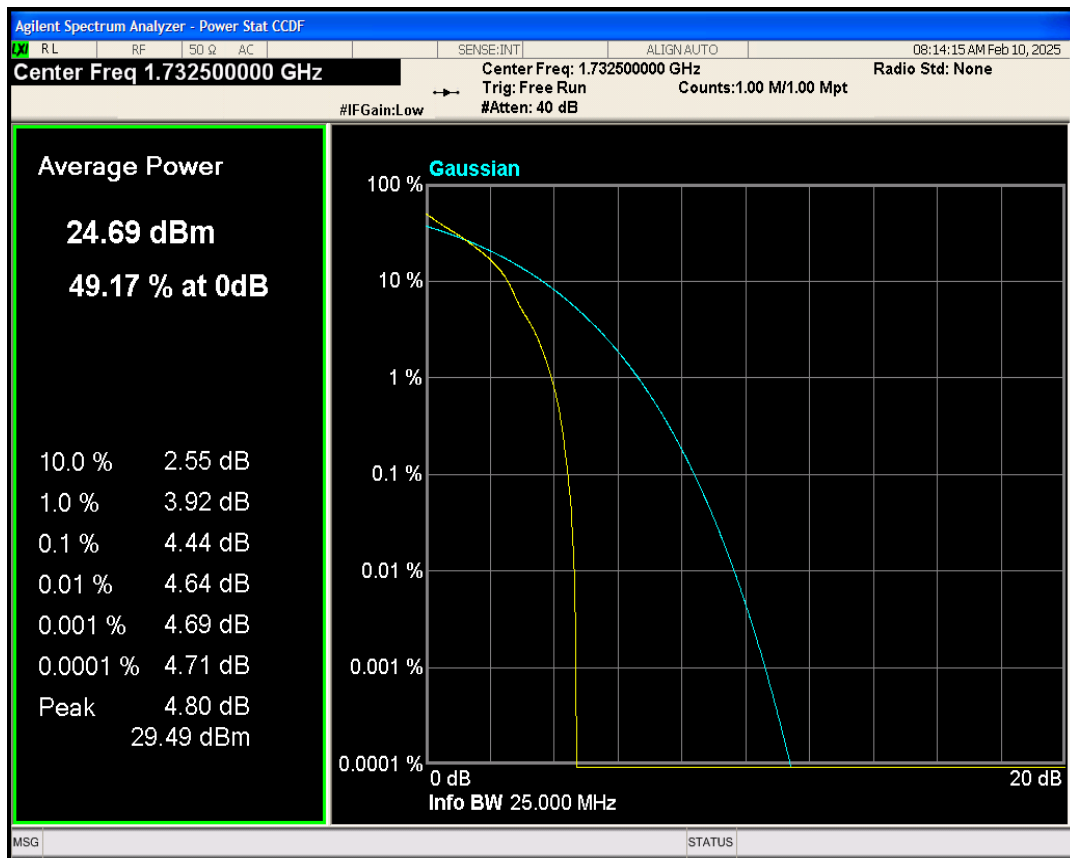


Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0

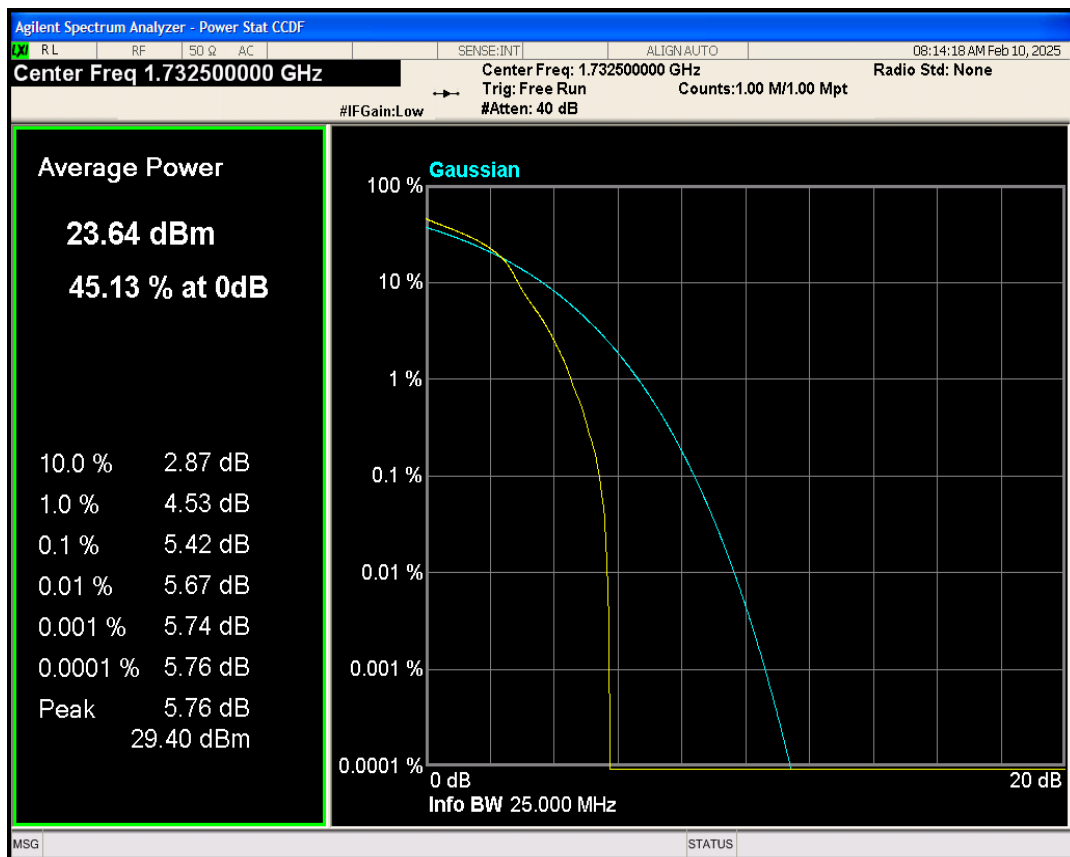




Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0

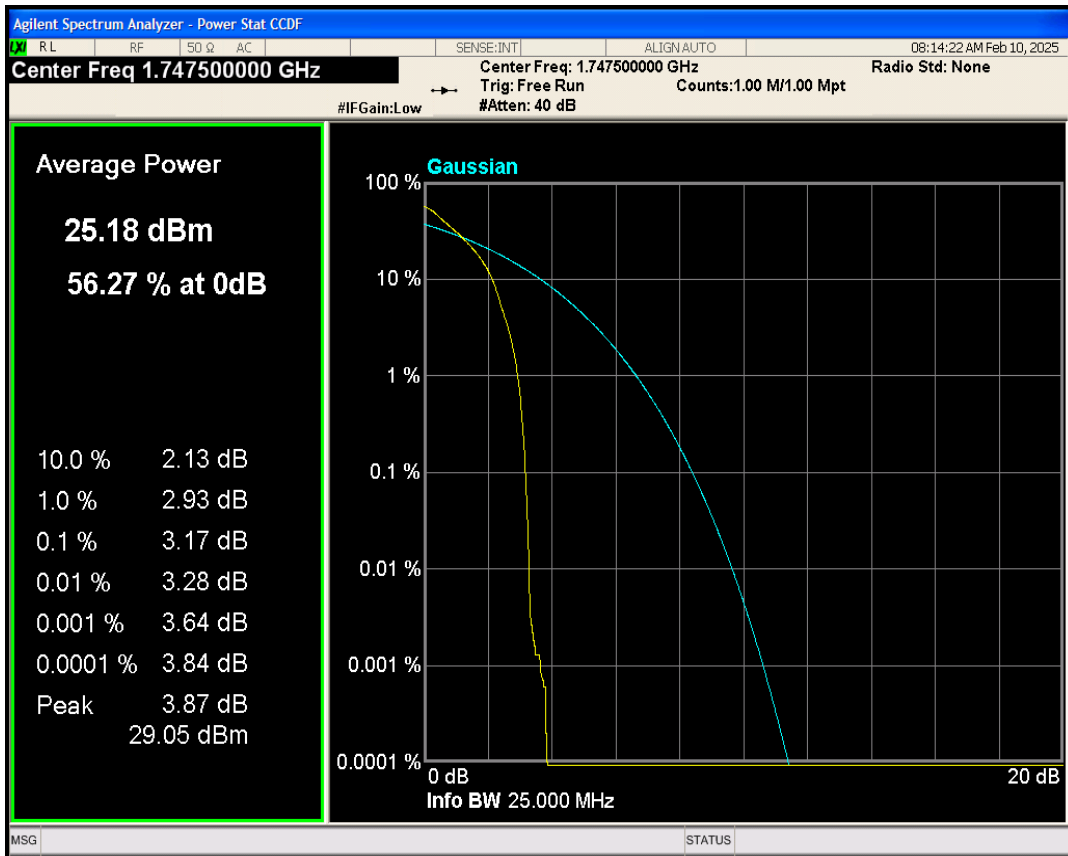


Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0

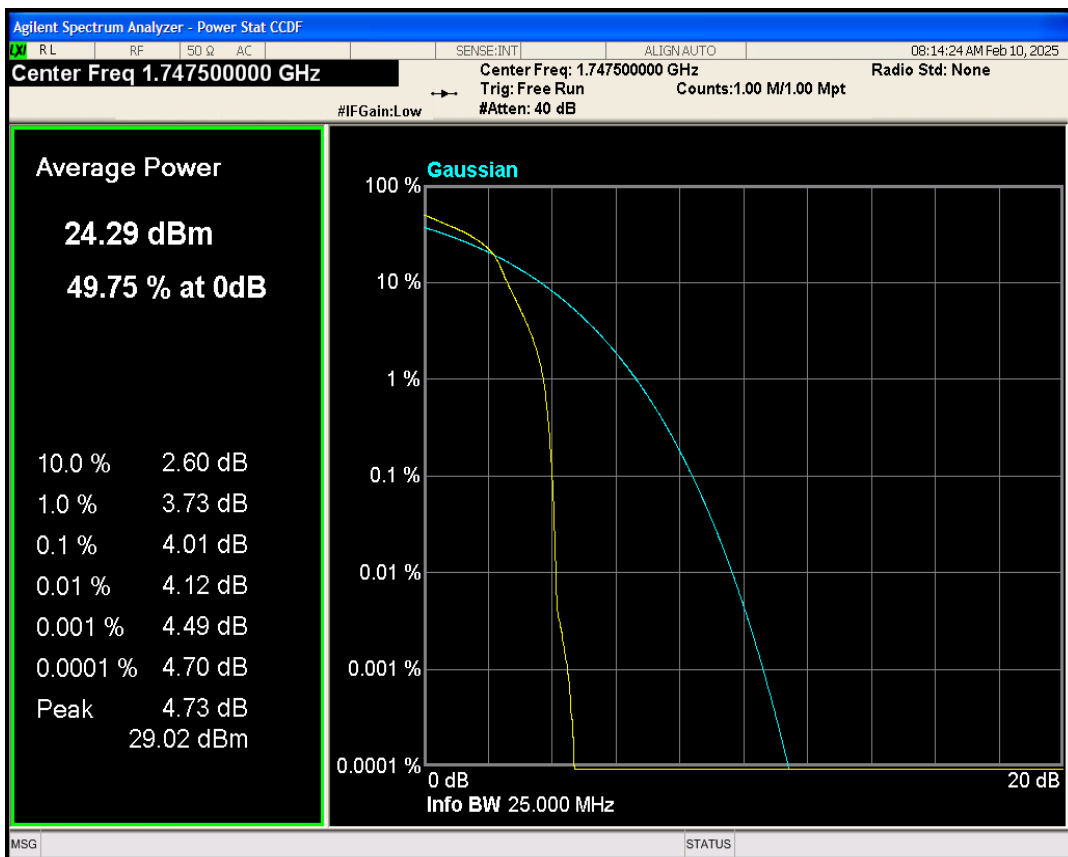




Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0

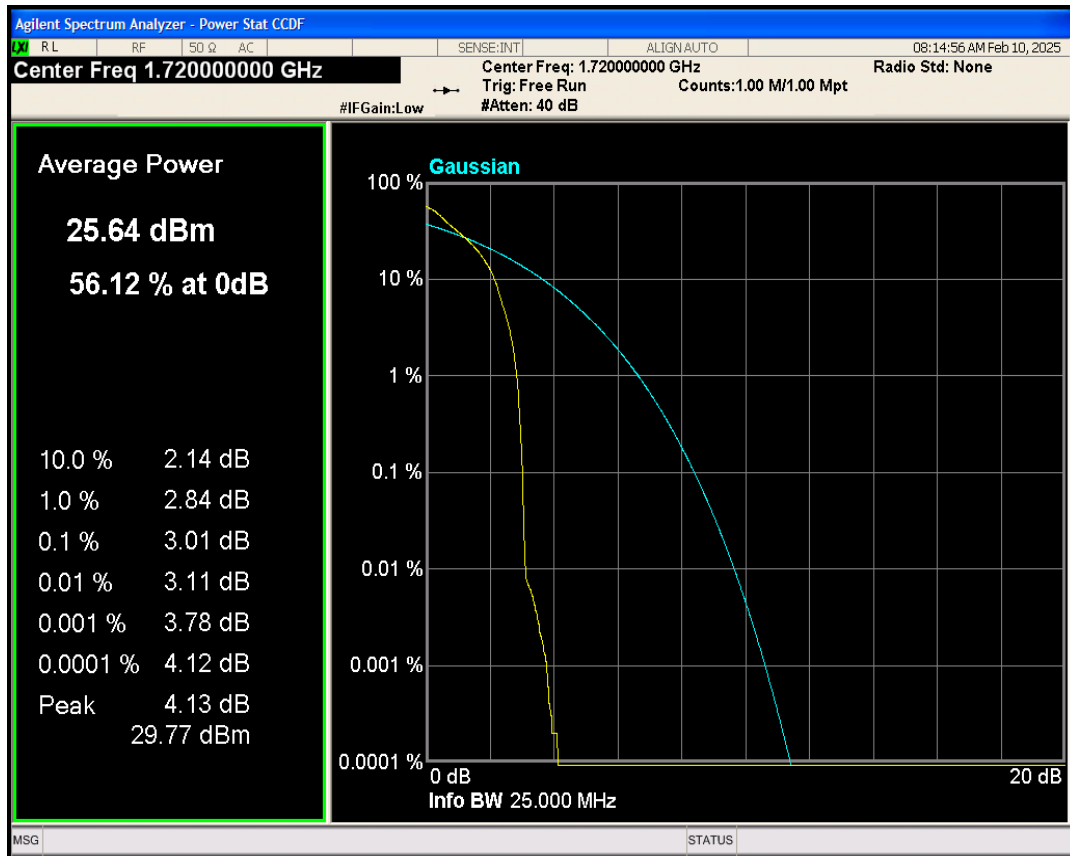


Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0

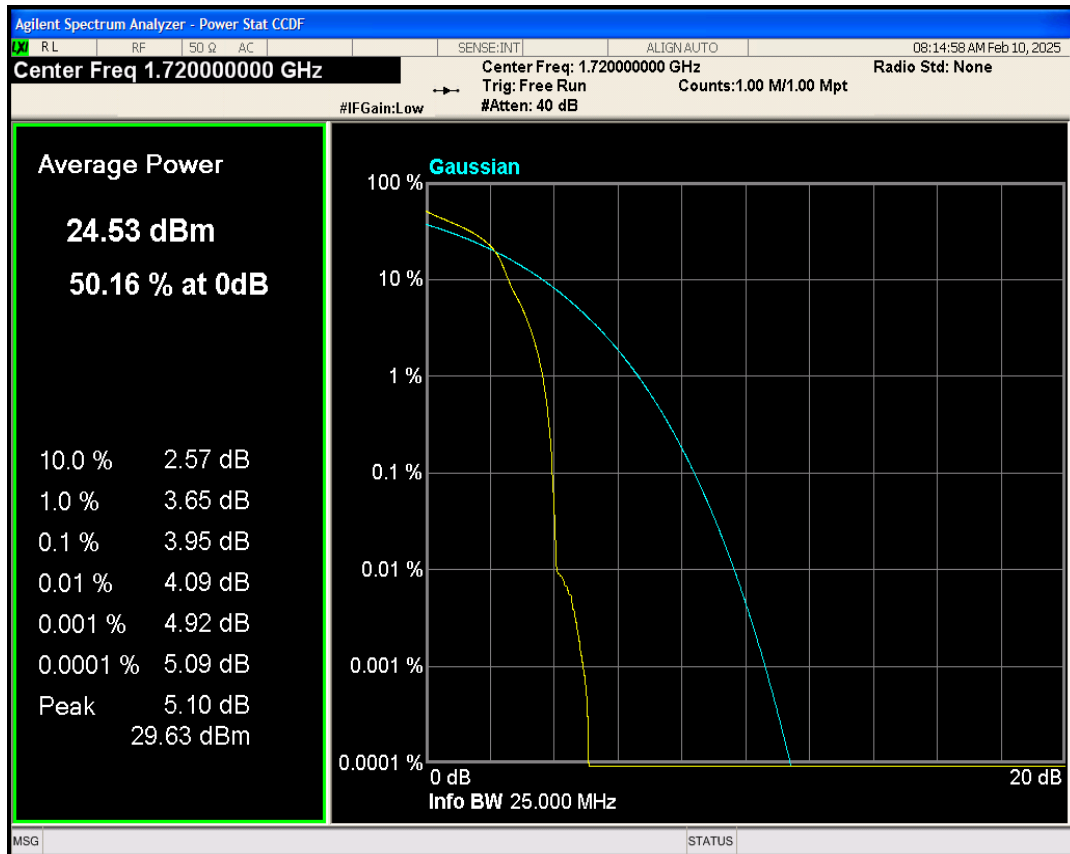




Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0

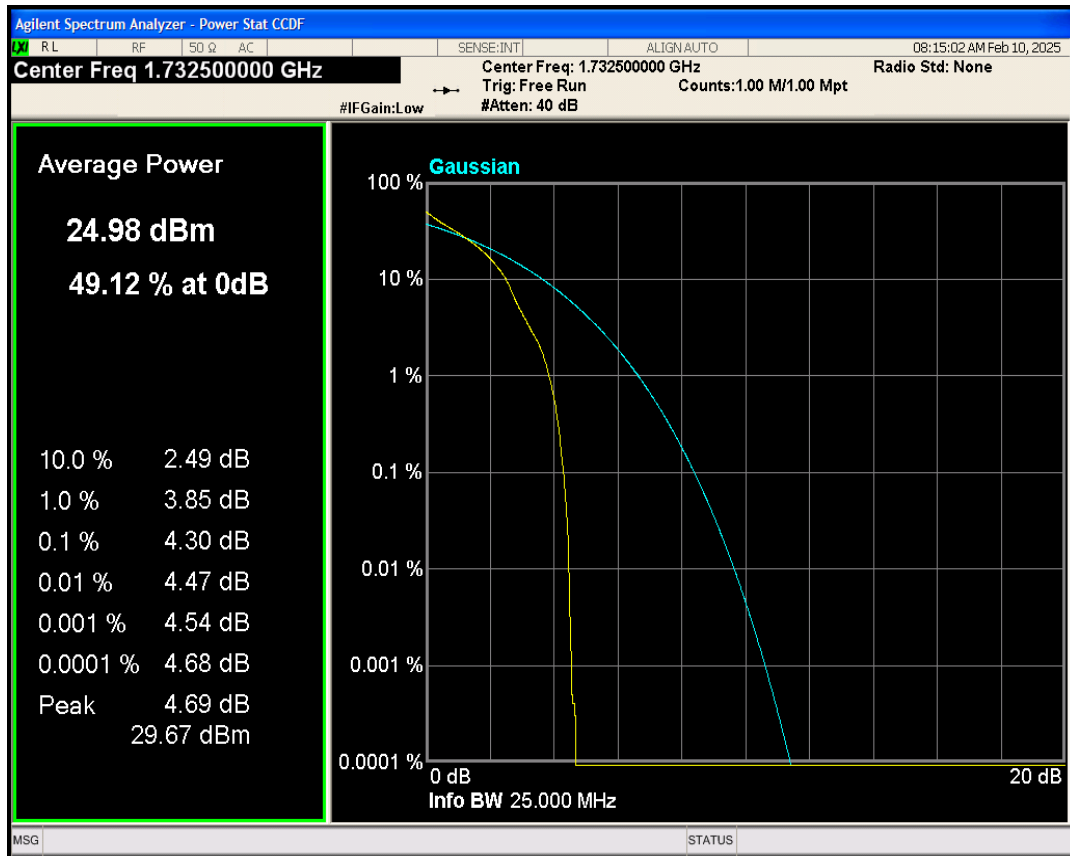


Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0

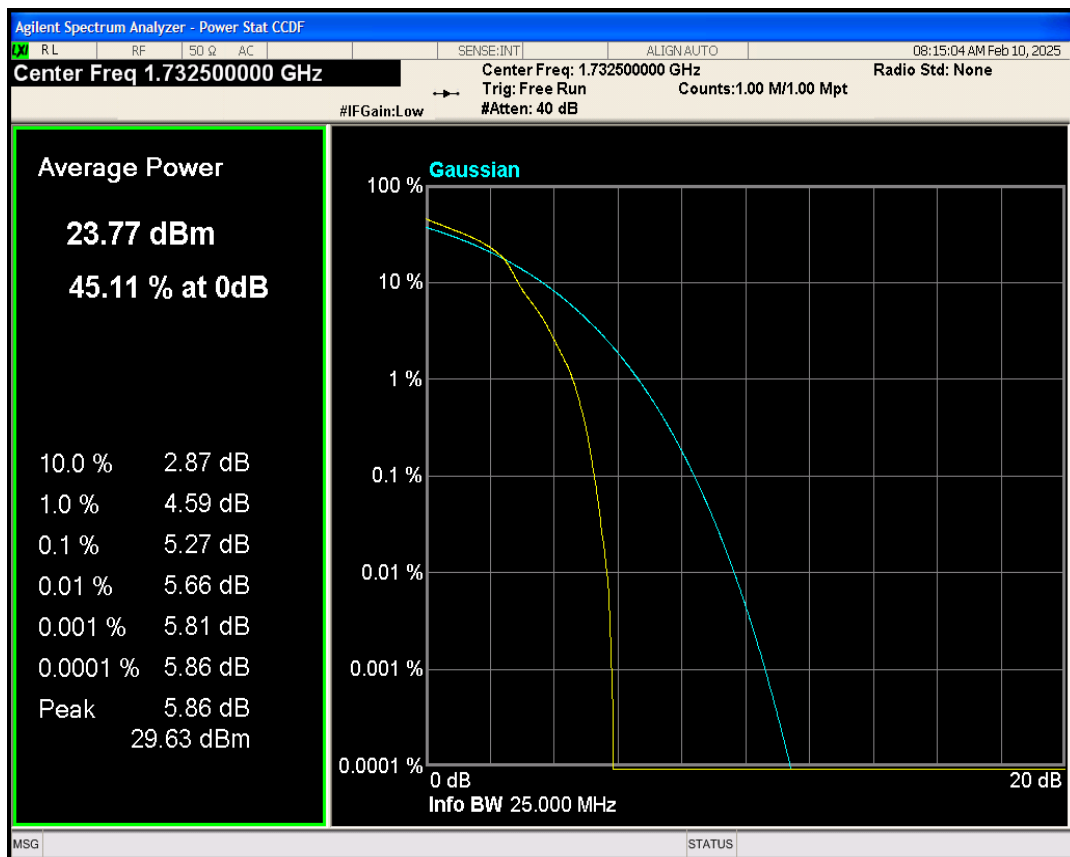




Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0

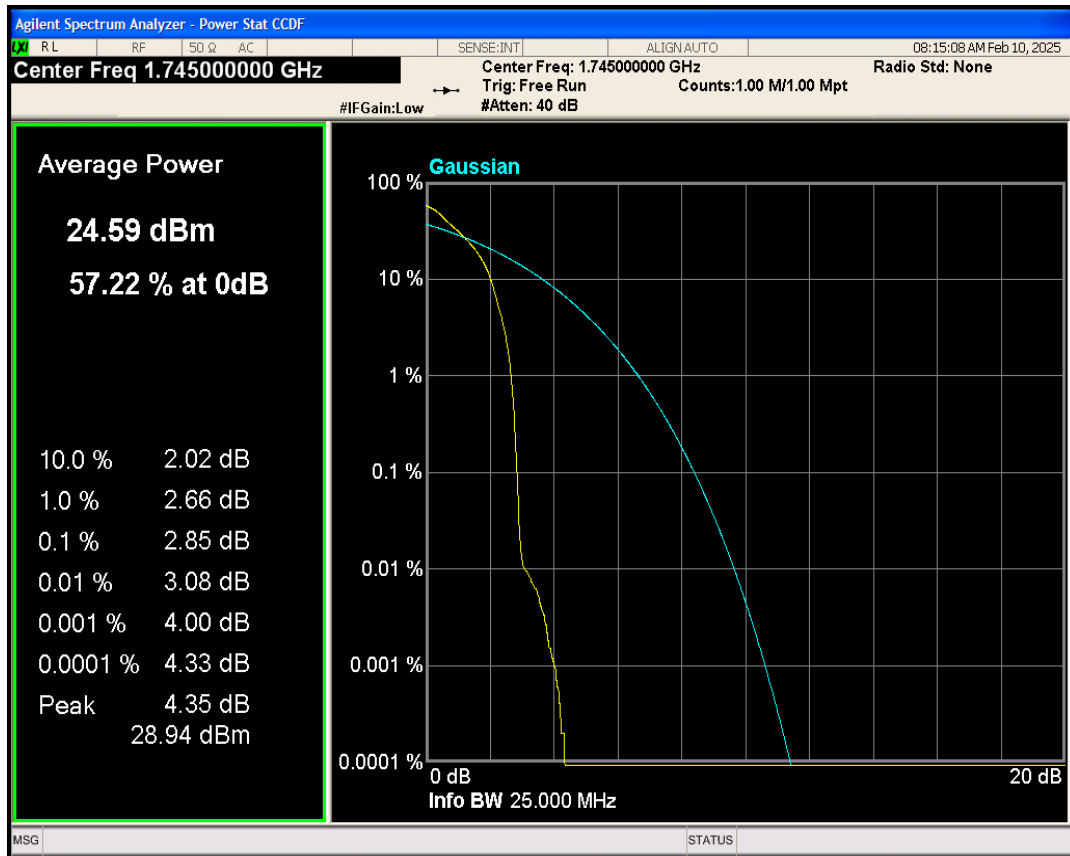


Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0

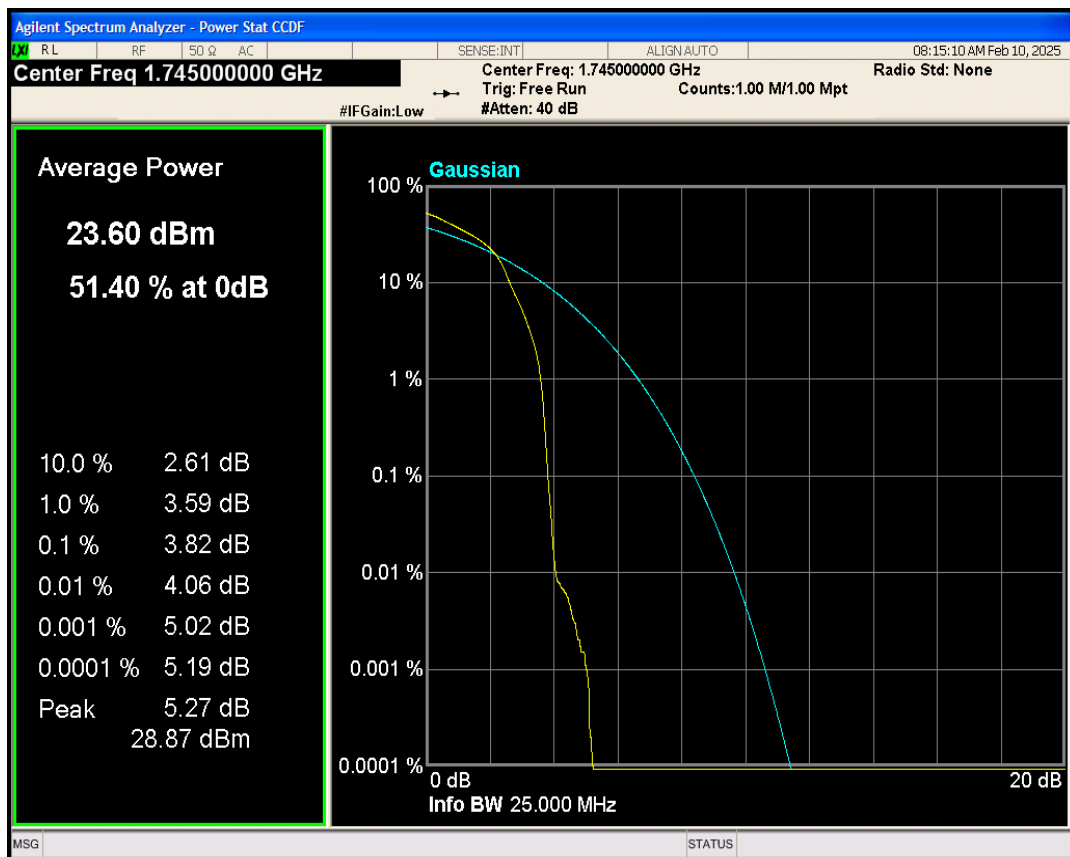




Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0

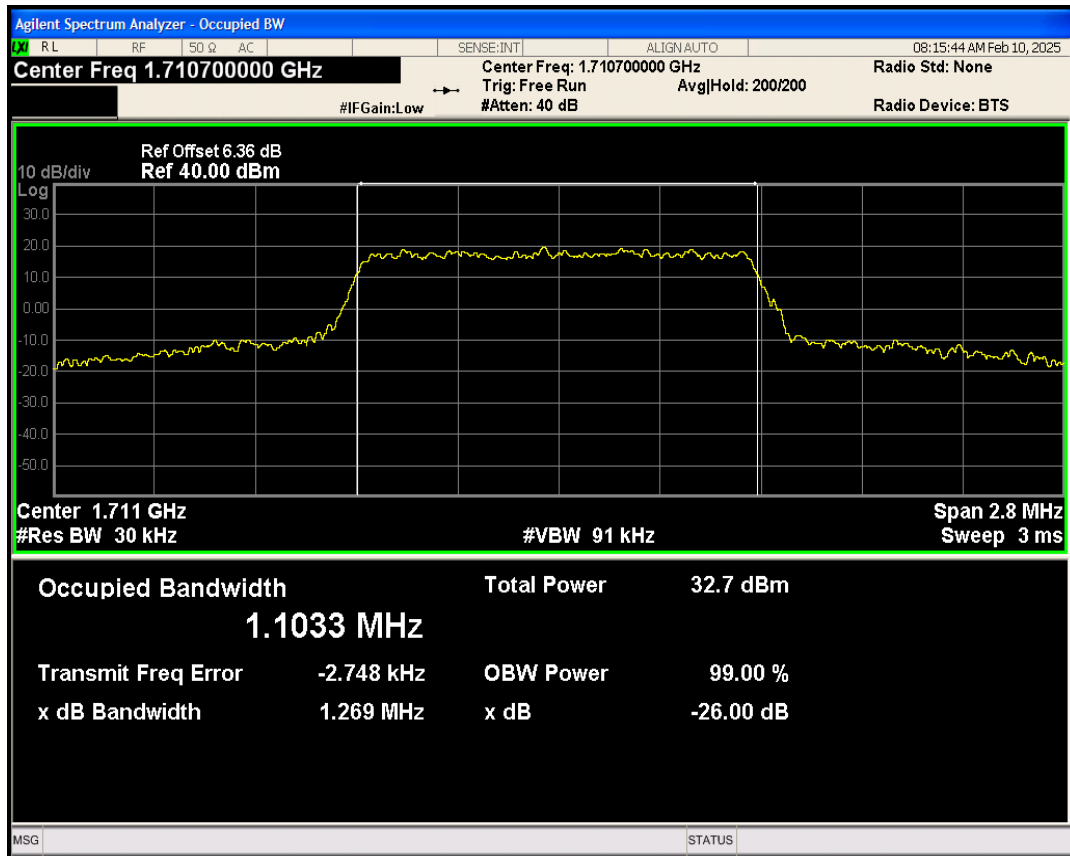


Appendix 4. Occupied bandwidth

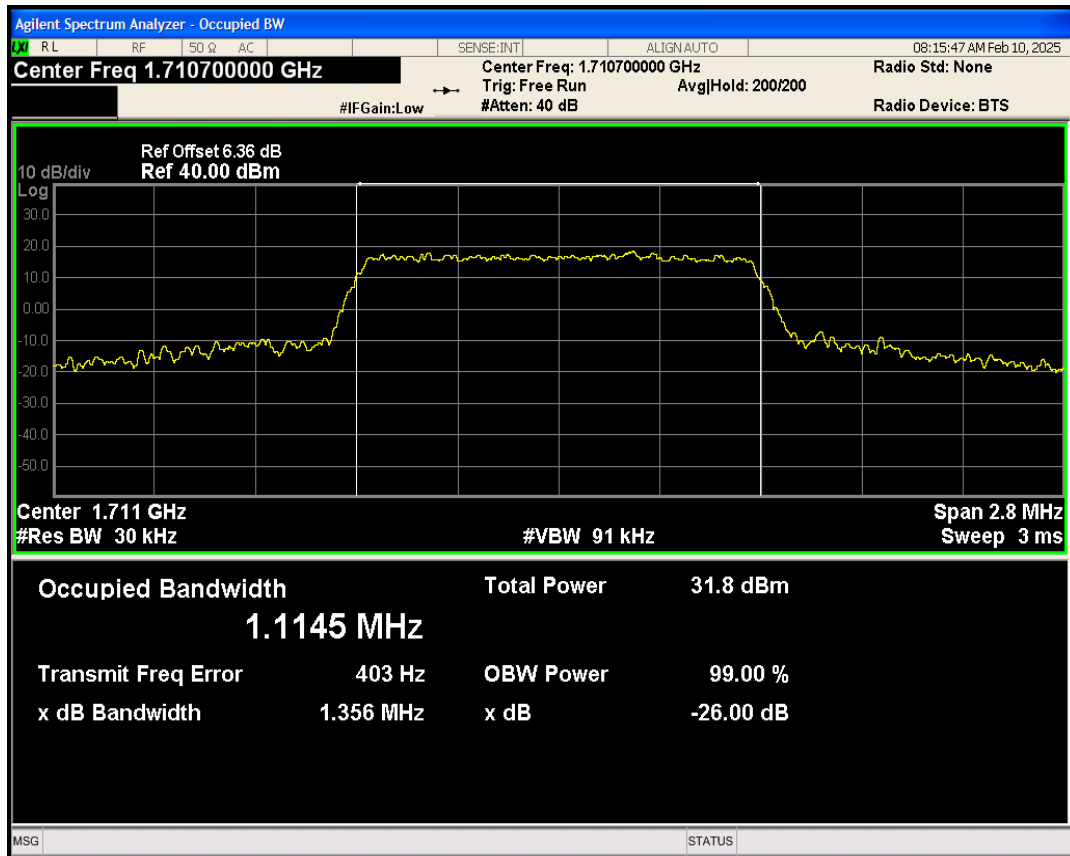
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.103	1.269	PASS
Band4	1.4	19957	6	#0	16QAM	1.115	1.356	PASS
Band4	1.4	20175	6	#0	QPSK	1.101	1.258	PASS
Band4	1.4	20175	6	#0	16QAM	1.093	1.251	PASS
Band4	1.4	20393	6	#0	QPSK	1.101	1.257	PASS
Band4	1.4	20393	6	#0	16QAM	1.102	1.247	PASS
Band4	3	19965	15	#0	QPSK	2.718	3.102	PASS
Band4	3	19965	15	#0	16QAM	2.720	3.042	PASS
Band4	3	20175	15	#0	QPSK	2.702	3.076	PASS
Band4	3	20175	15	#0	16QAM	2.707	3.051	PASS
Band4	3	20385	15	#0	QPSK	2.715	3.025	PASS
Band4	3	20385	15	#0	16QAM	2.713	3.090	PASS
Band4	5	19975	25	#0	QPSK	4.524	5.000	PASS
Band4	5	19975	25	#0	16QAM	4.528	4.969	PASS
Band4	5	20175	25	#0	QPSK	4.508	4.974	PASS
Band4	5	20175	25	#0	16QAM	4.508	4.993	PASS
Band4	5	20375	25	#0	QPSK	4.514	4.989	PASS
Band4	5	20375	25	#0	16QAM	4.538	5.007	PASS
Band4	10	20000	50	#0	QPSK	9.022	9.848	PASS
Band4	10	20000	50	#0	16QAM	9.008	9.806	PASS
Band4	10	20175	50	#0	QPSK	9.005	9.779	PASS
Band4	10	20175	50	#0	16QAM	9.008	9.809	PASS
Band4	10	20350	50	#0	QPSK	9.010	9.928	PASS
Band4	10	20350	50	#0	16QAM	9.000	9.895	PASS
Band4	15	20025	75	#0	QPSK	13.522	14.885	PASS
Band4	15	20025	75	#0	16QAM	13.532	14.980	PASS
Band4	15	20175	75	#0	QPSK	13.474	14.864	PASS
Band4	15	20175	75	#0	16QAM	13.471	14.774	PASS
Band4	15	20325	75	#0	QPSK	13.473	14.918	PASS
Band4	15	20325	75	#0	16QAM	13.483	14.820	PASS
Band4	20	20050	100	#0	QPSK	18.018	19.495	PASS
Band4	20	20050	100	#0	16QAM	17.997	19.730	PASS
Band4	20	20175	100	#0	QPSK	18.042	19.585	PASS
Band4	20	20175	100	#0	16QAM	18.014	19.937	PASS
Band4	20	20300	100	#0	QPSK	18.046	19.655	PASS
Band4	20	20300	100	#0	16QAM	18.036	19.612	PASS



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

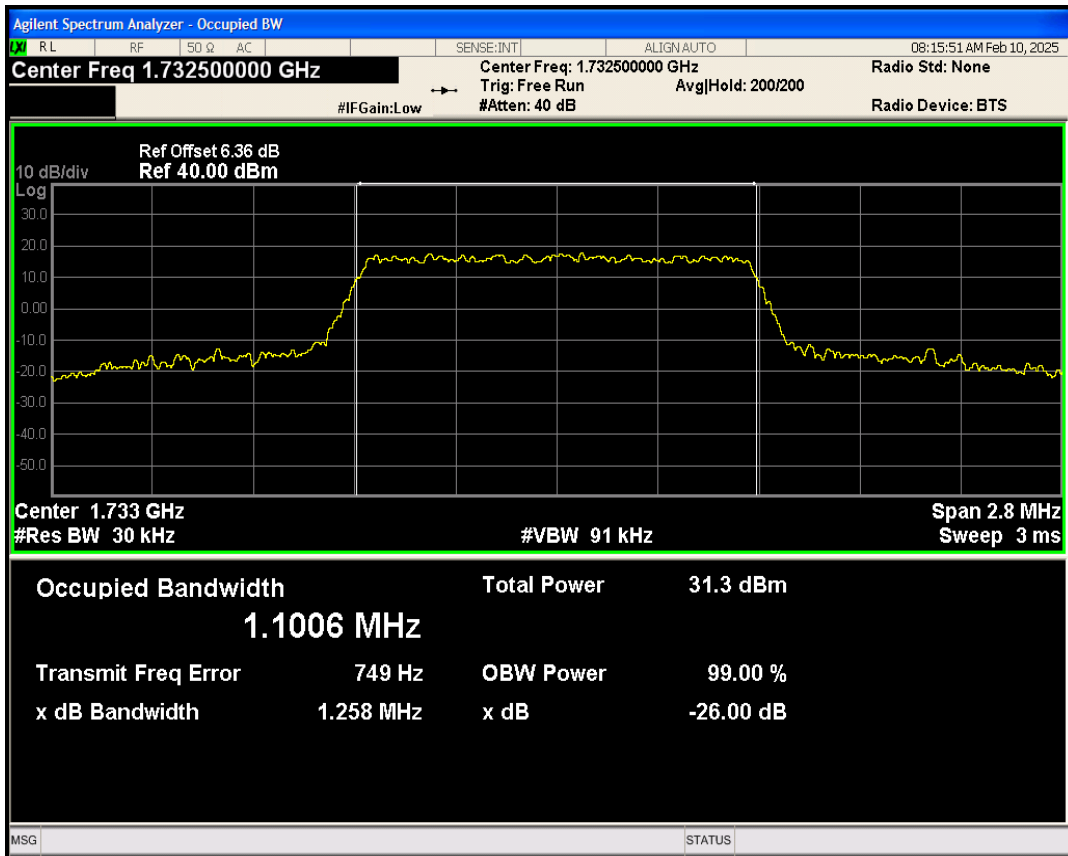


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0

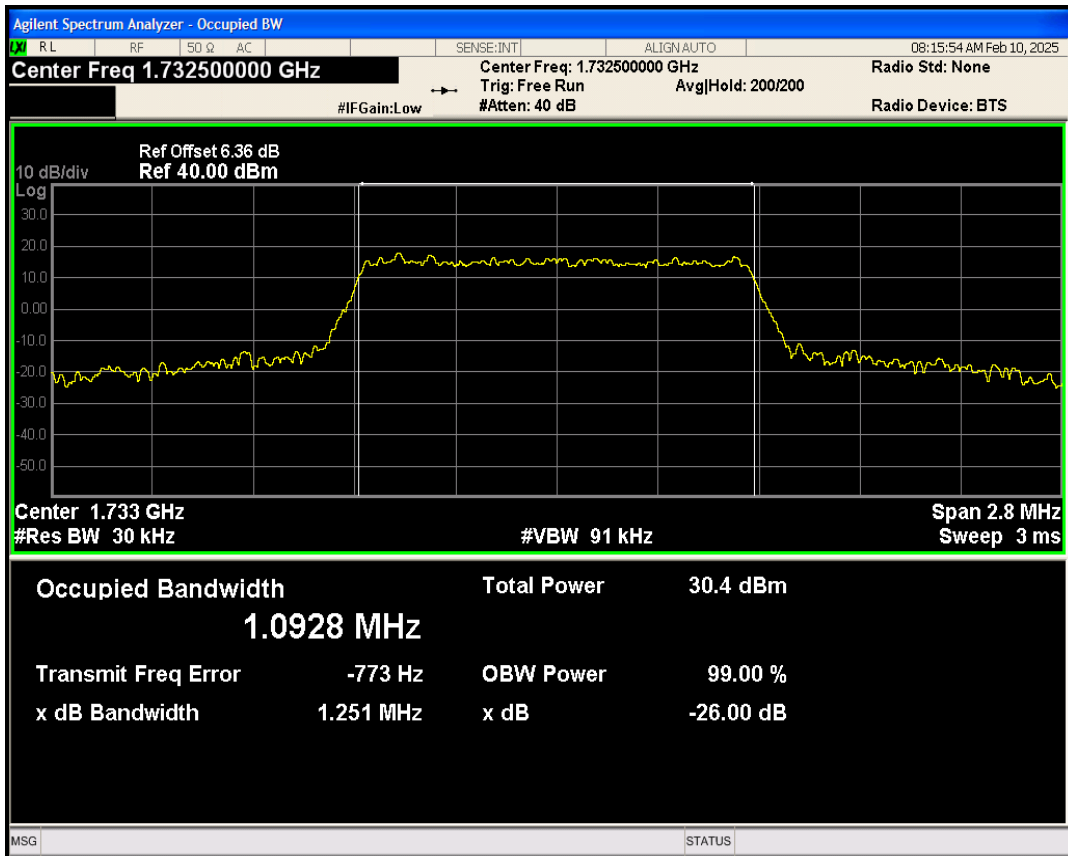




Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

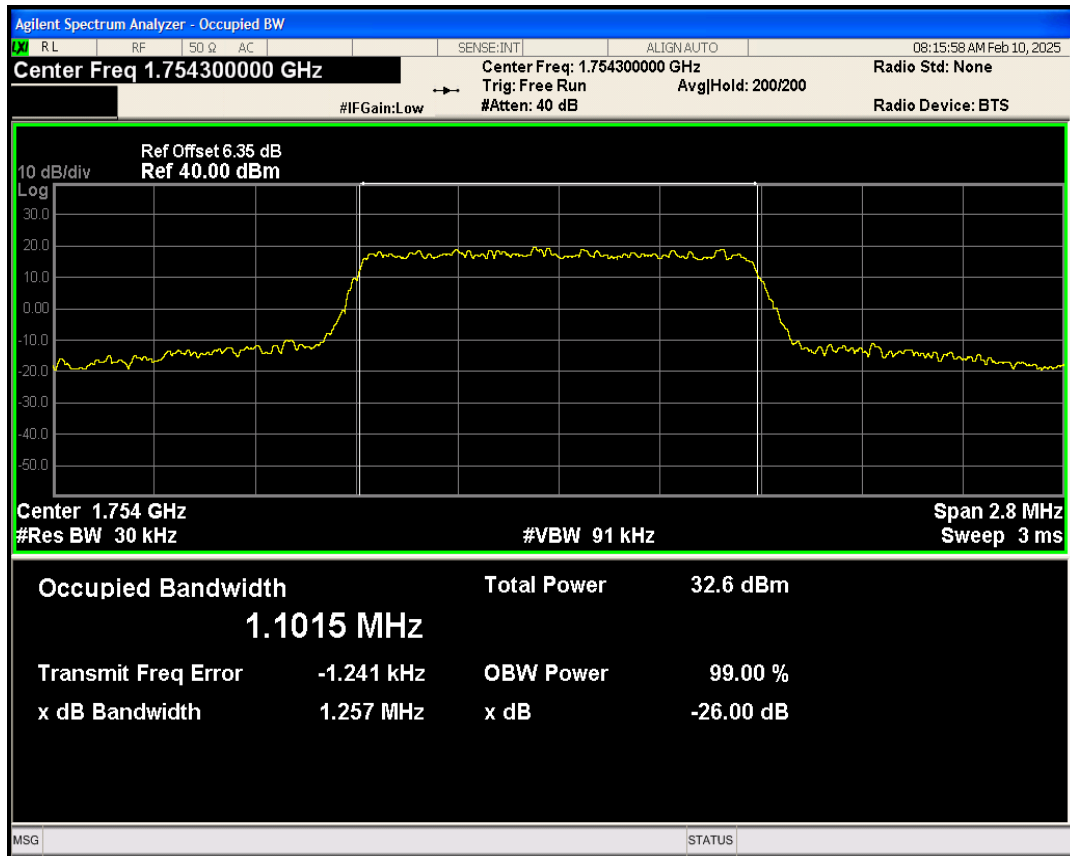


Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0

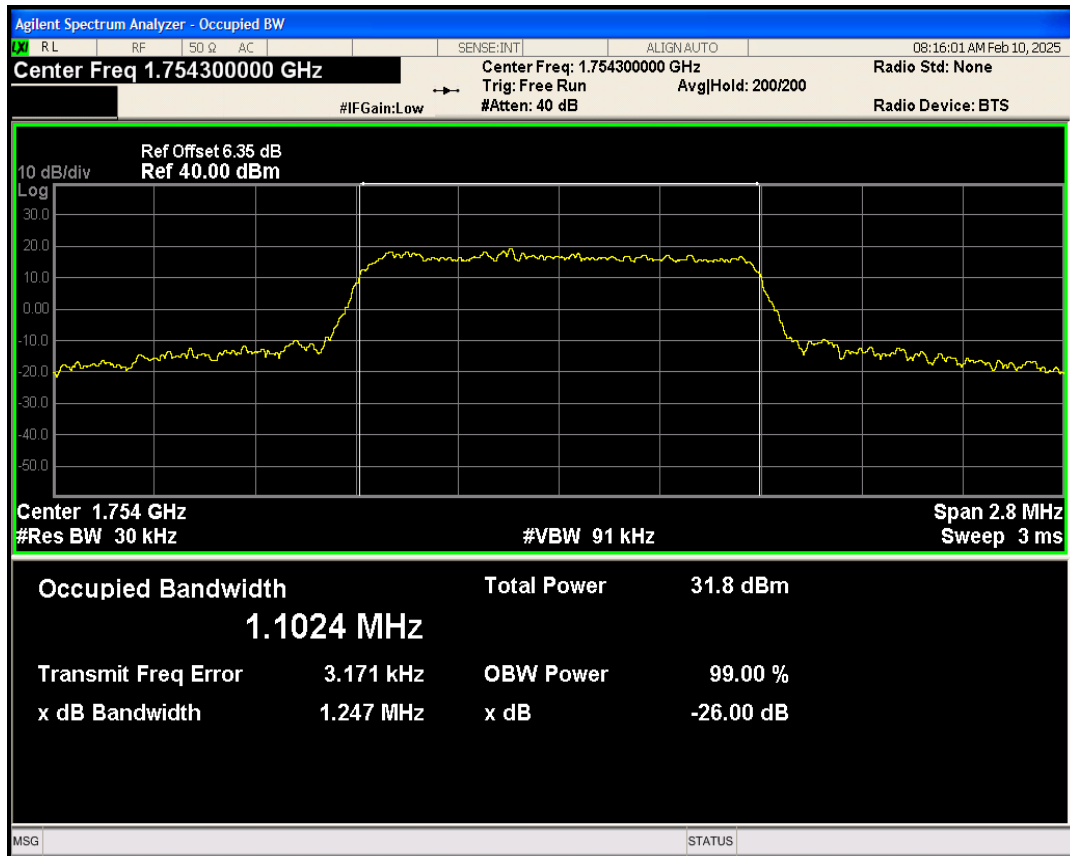




Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

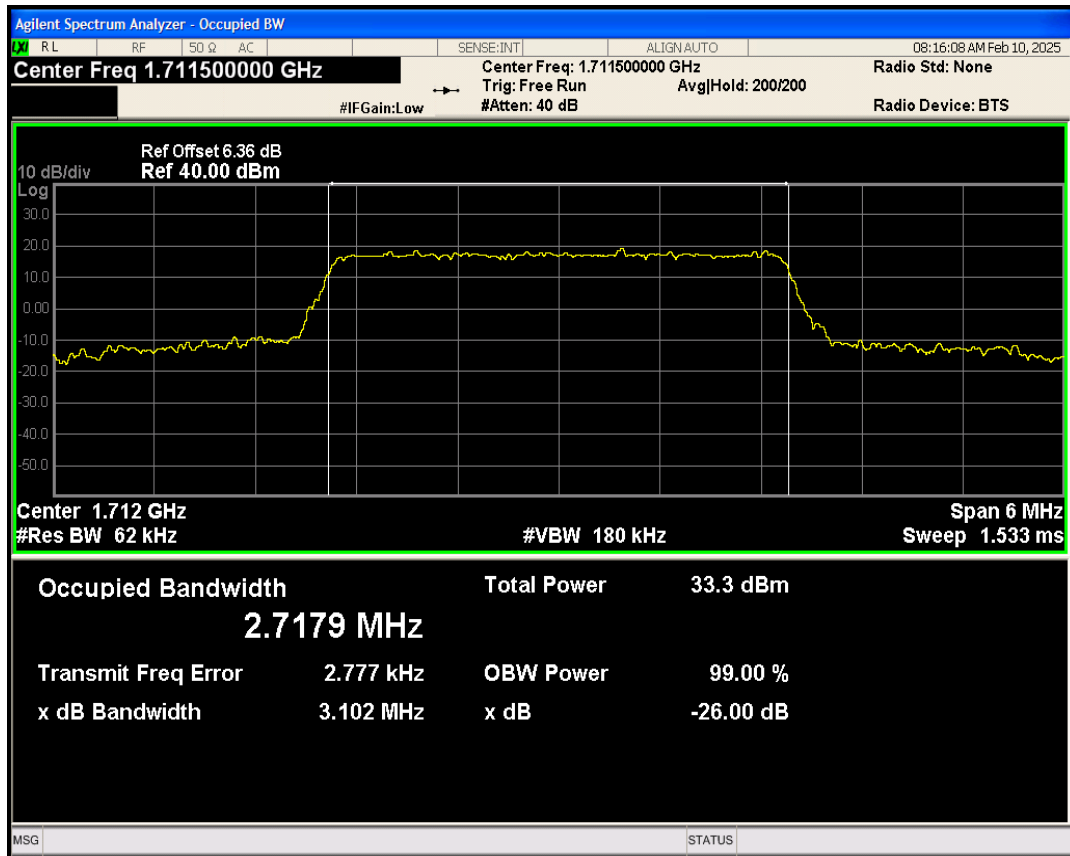


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0

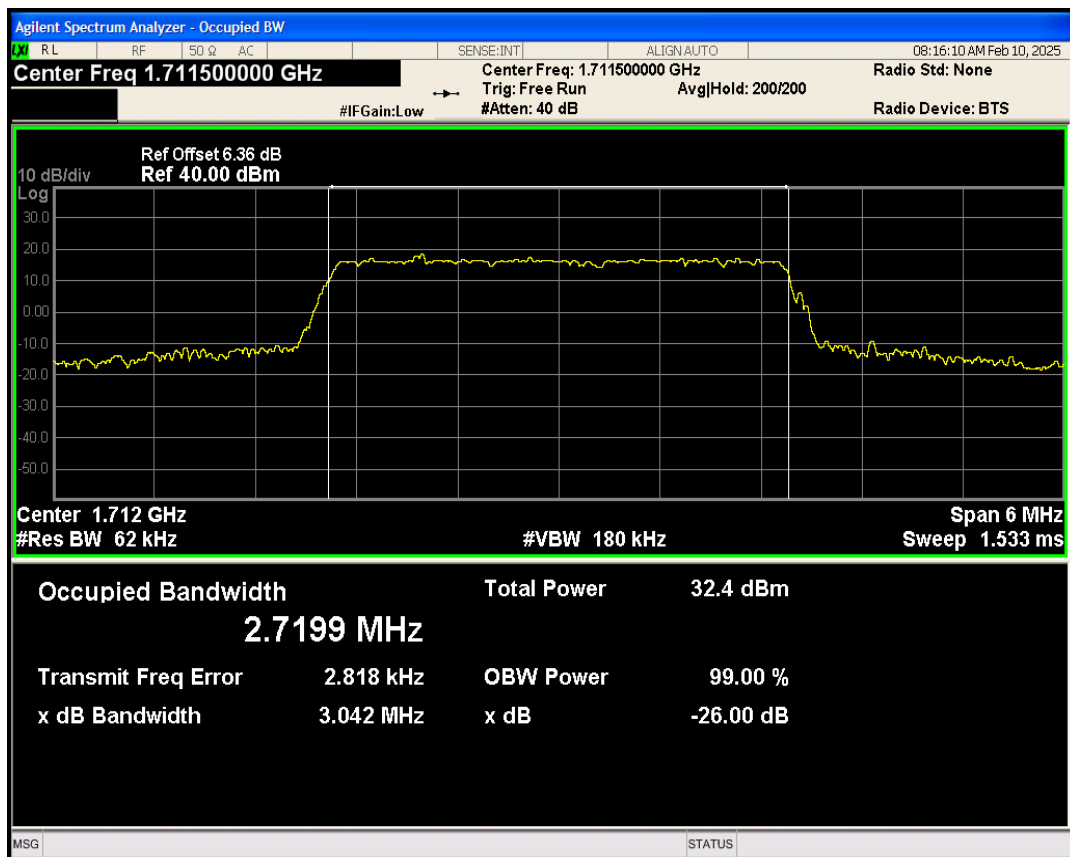




Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

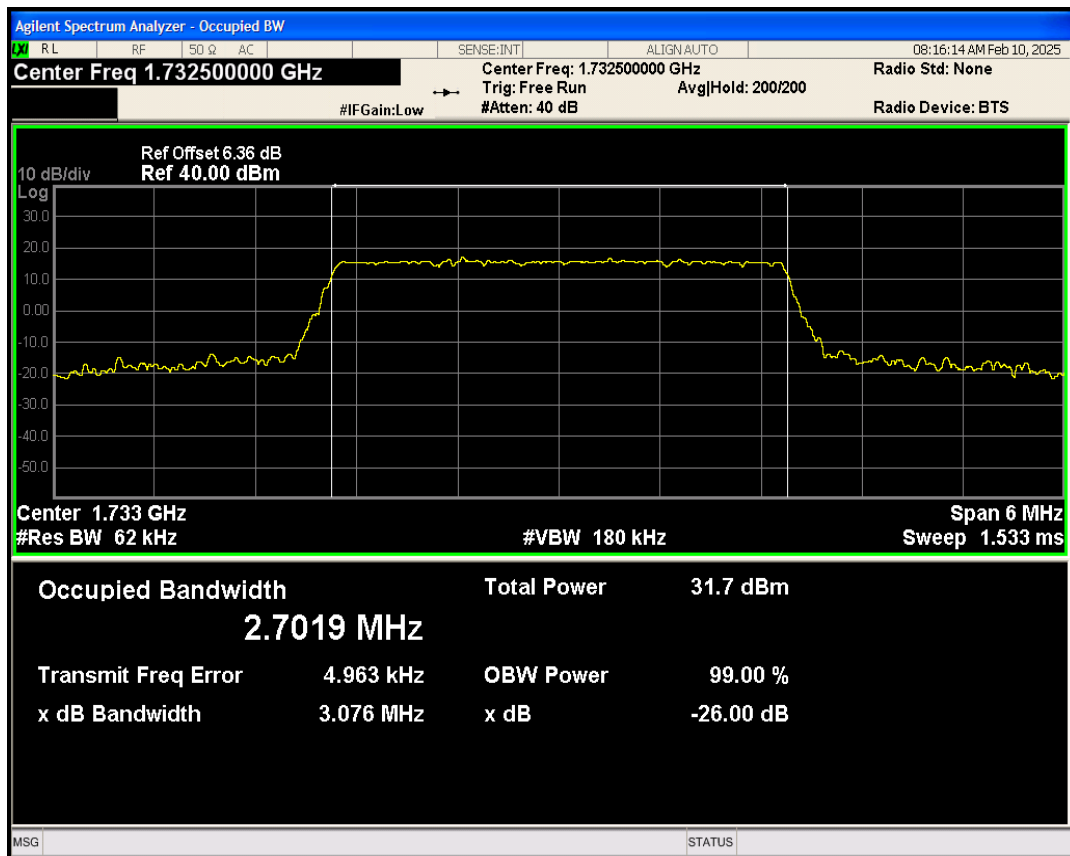


Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0

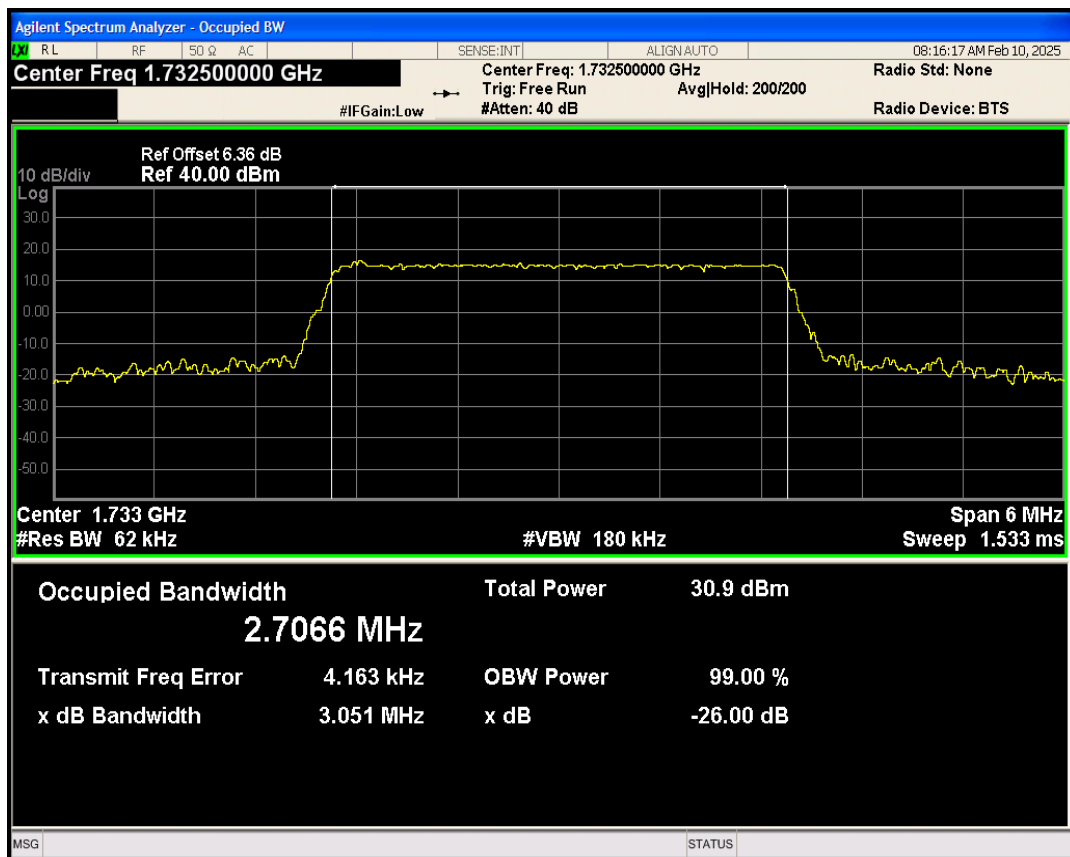




Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0

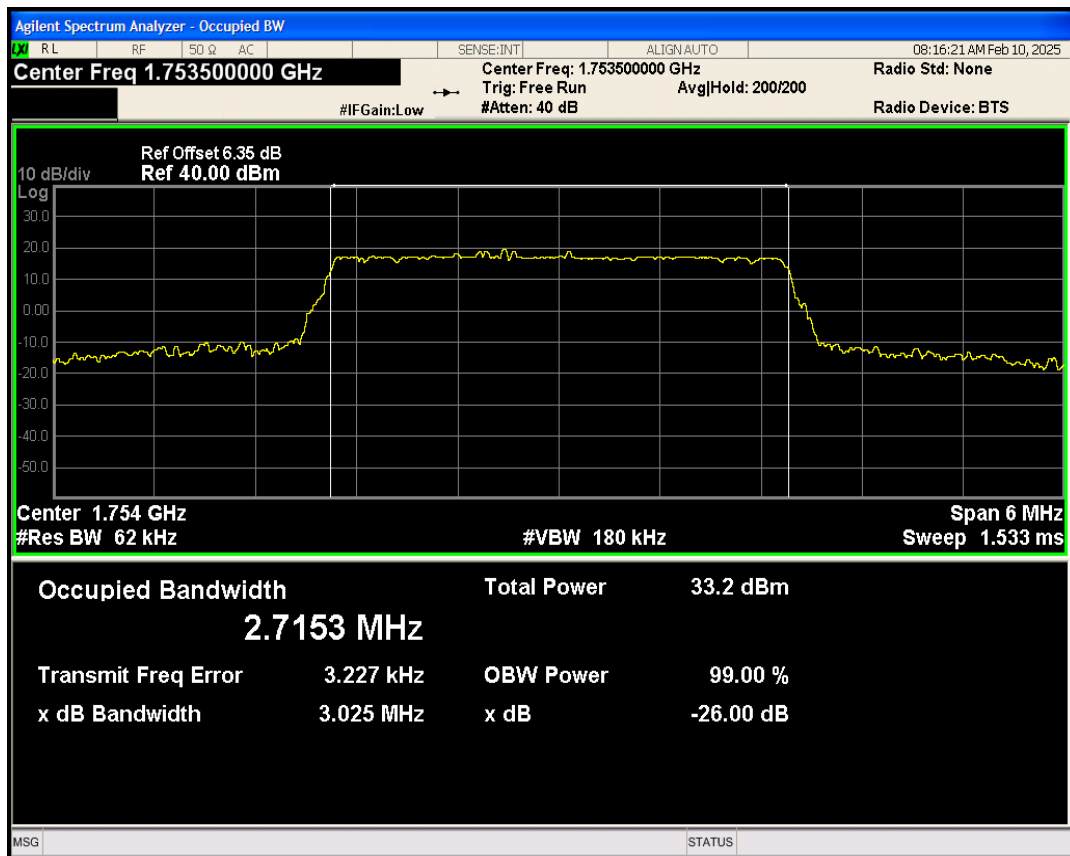


Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0

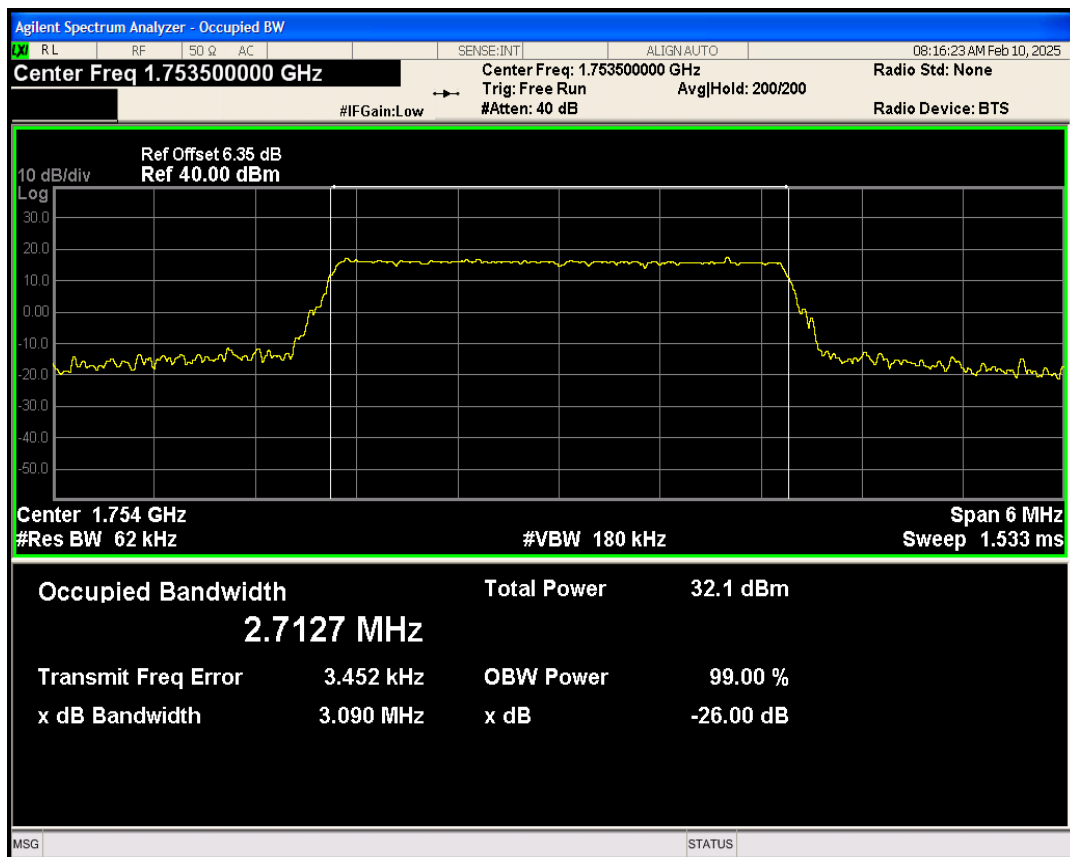




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

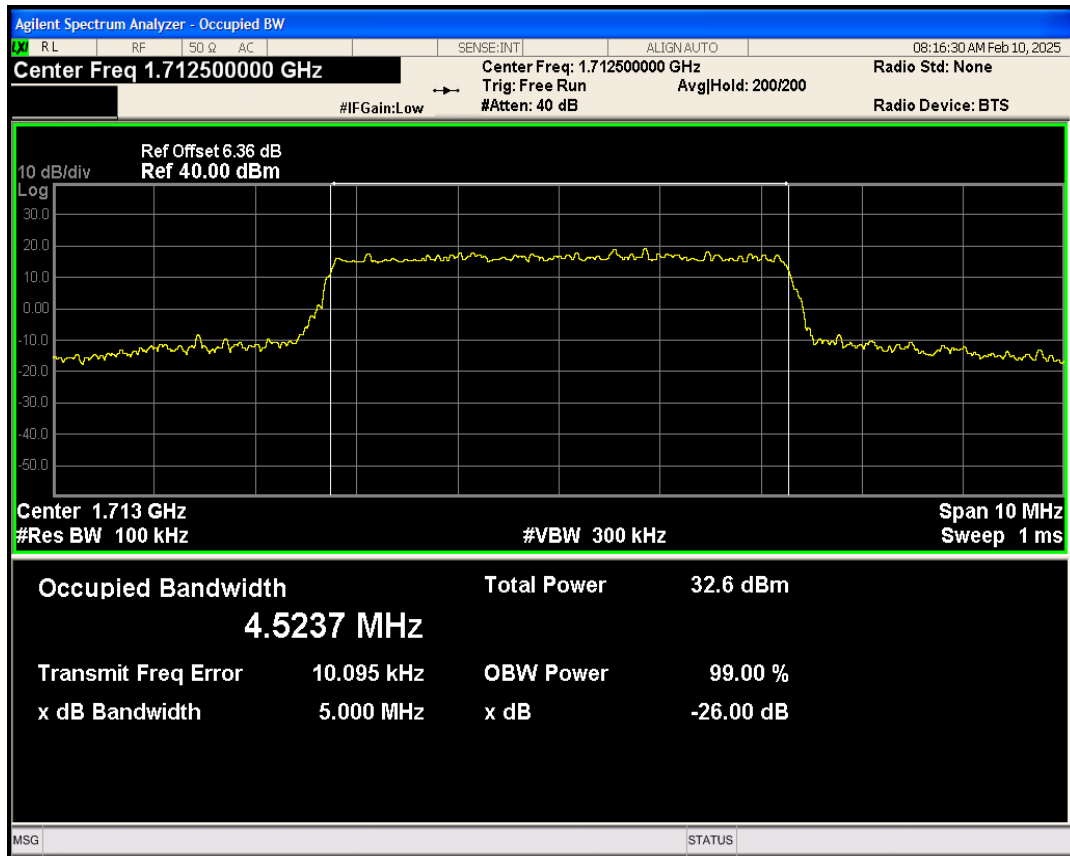


Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0

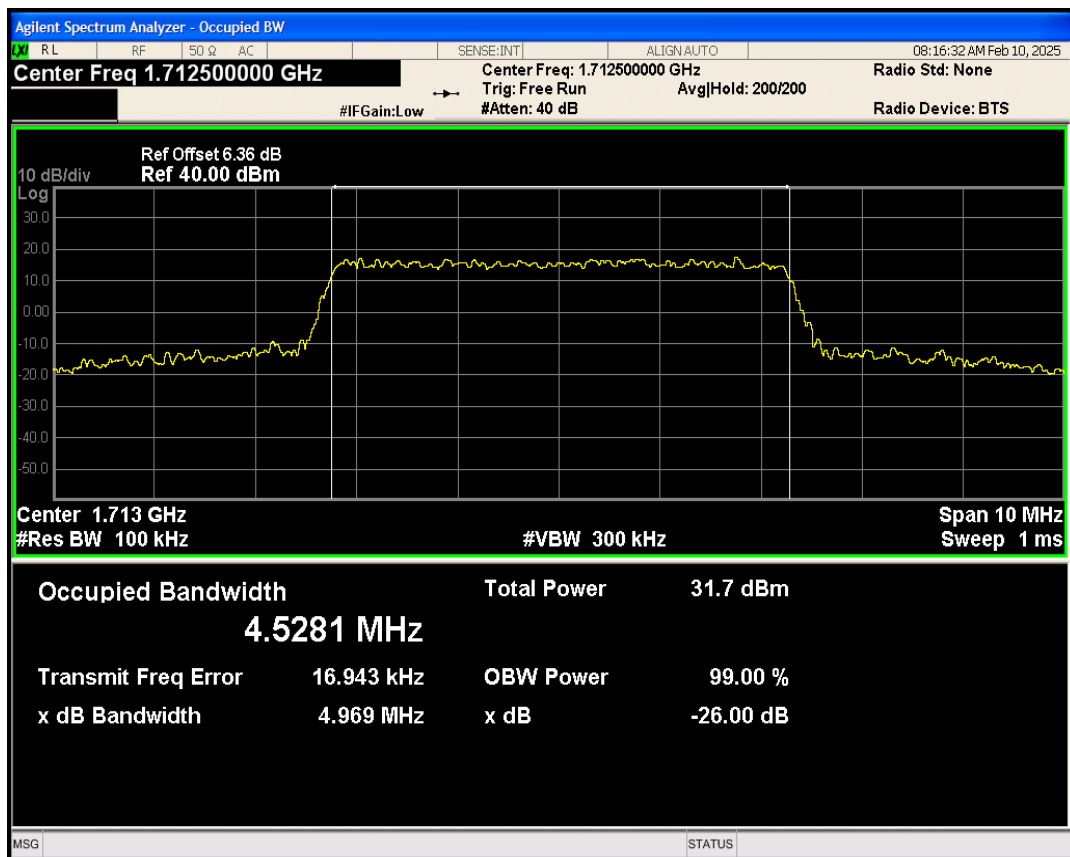




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

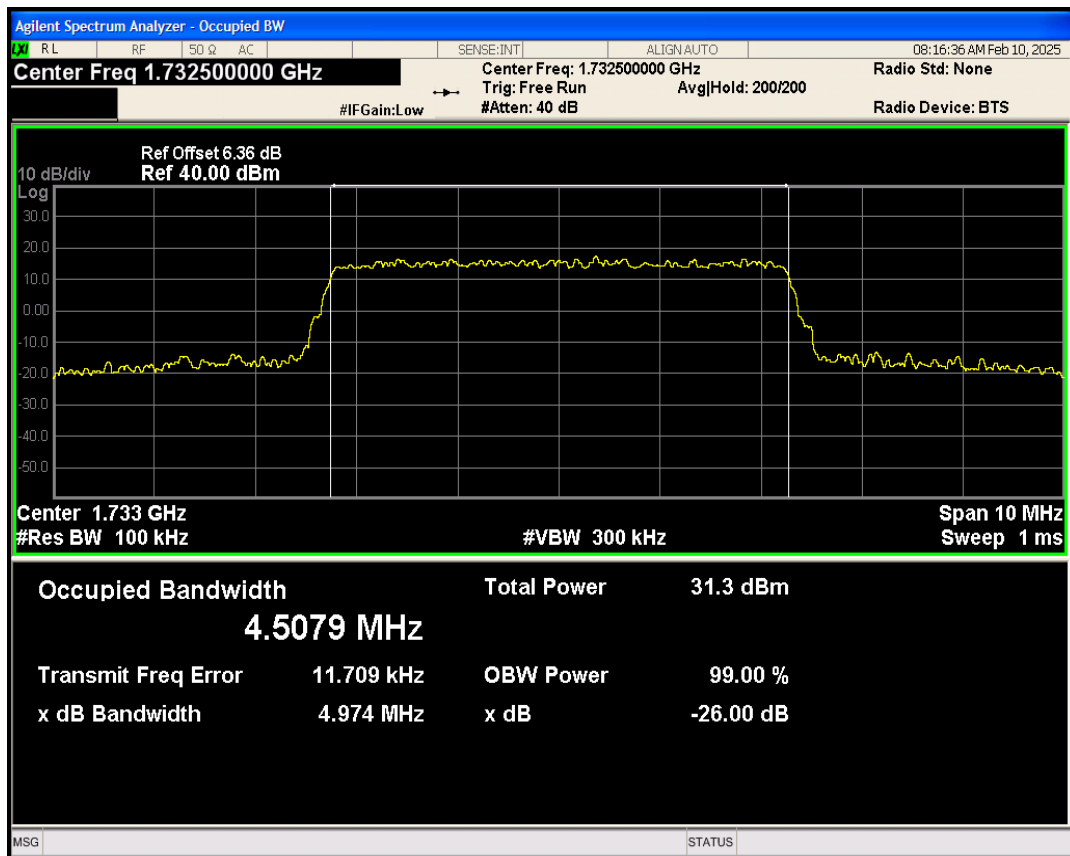


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0

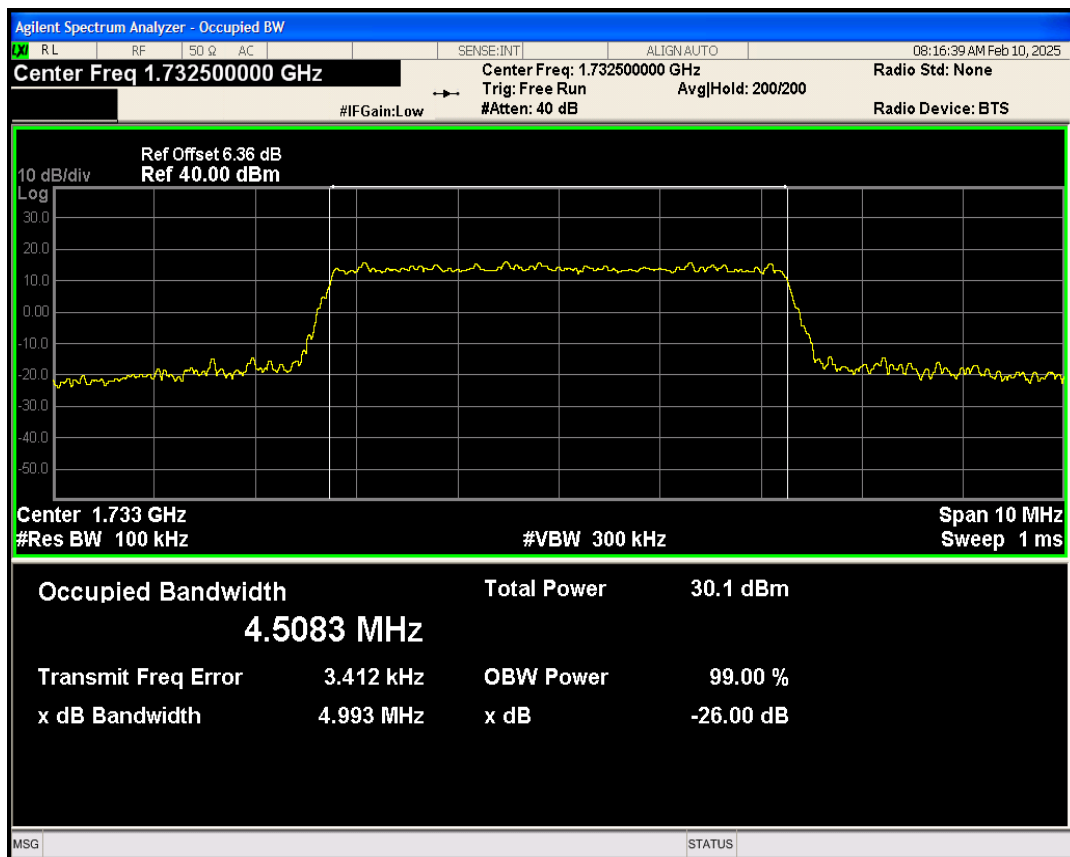




Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0

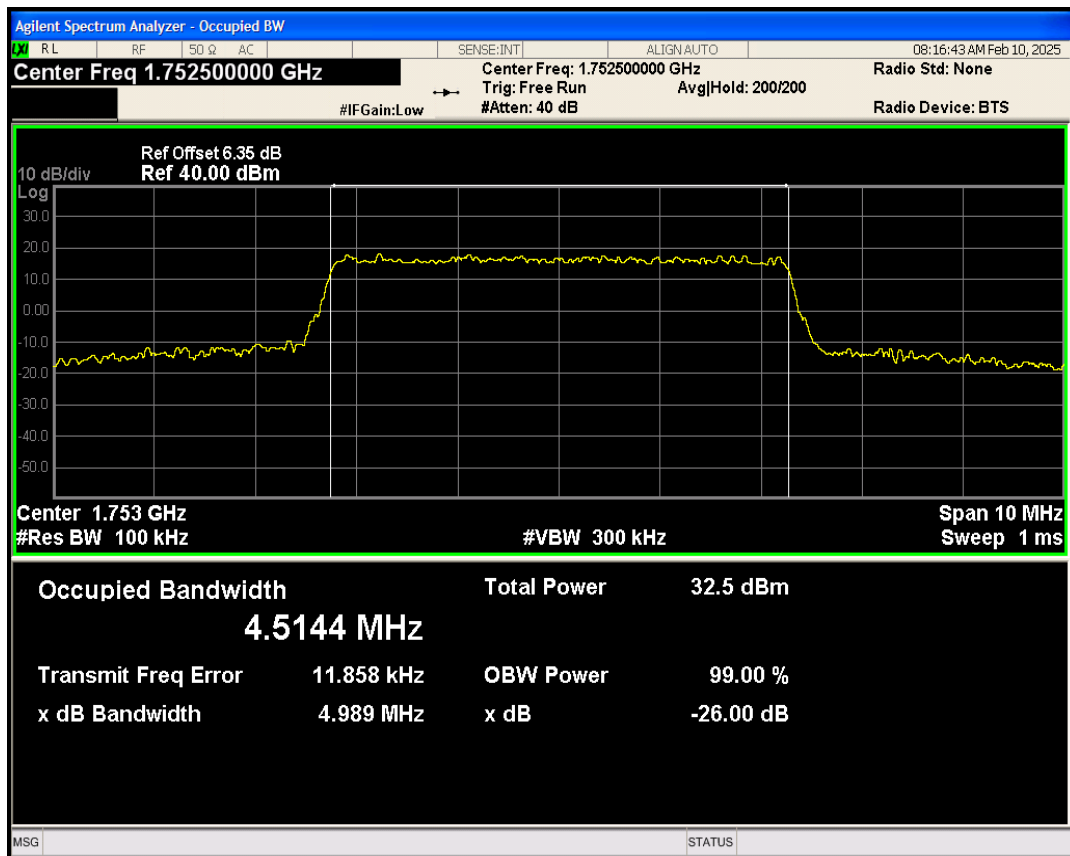


Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0

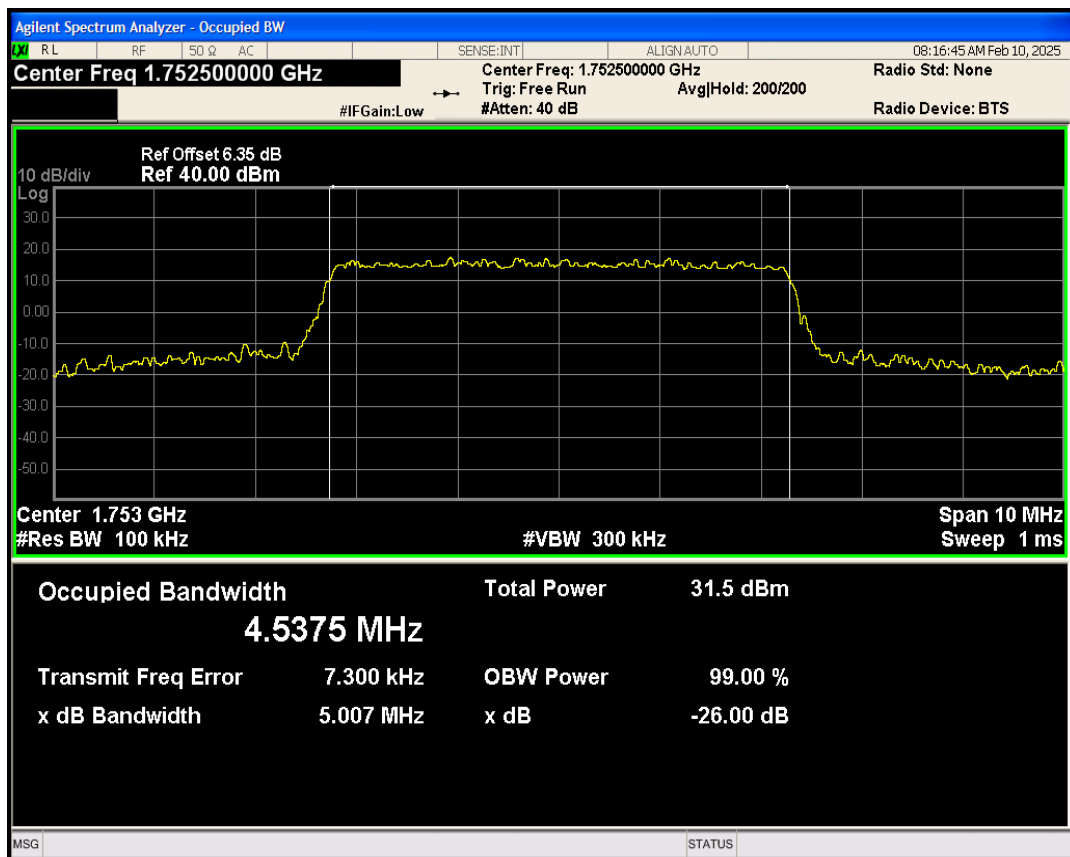




Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

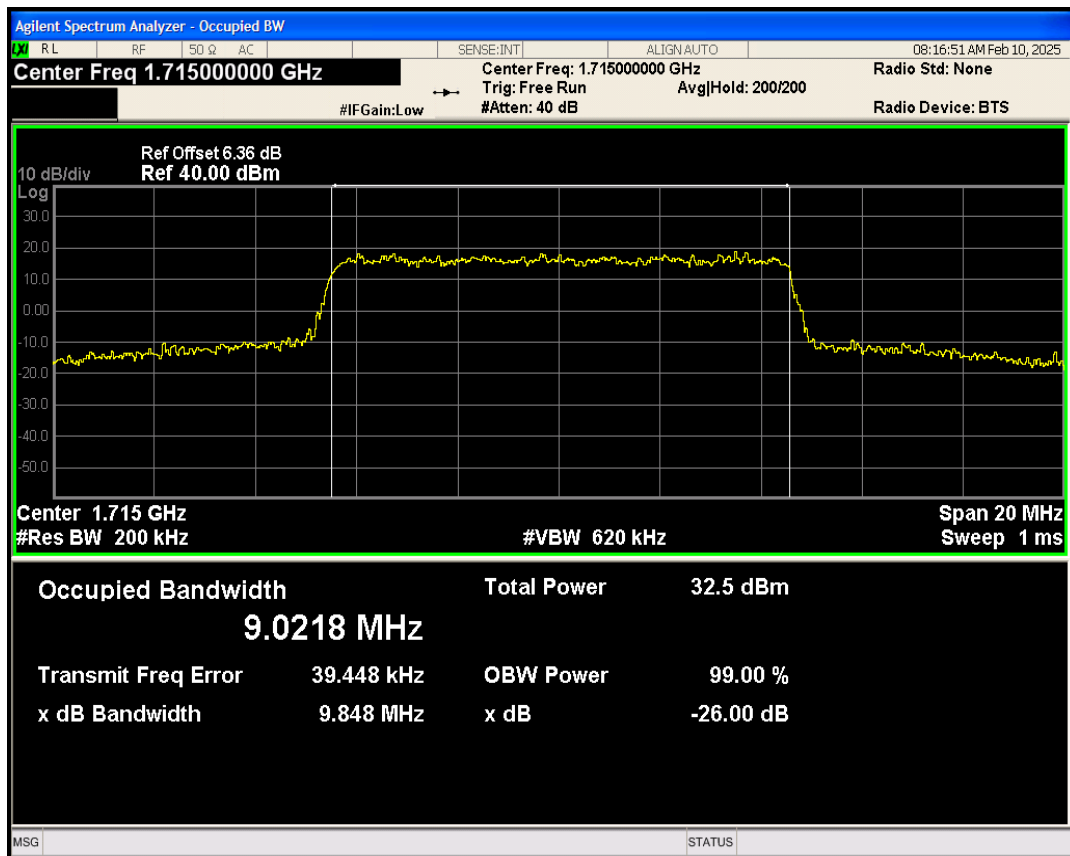


Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

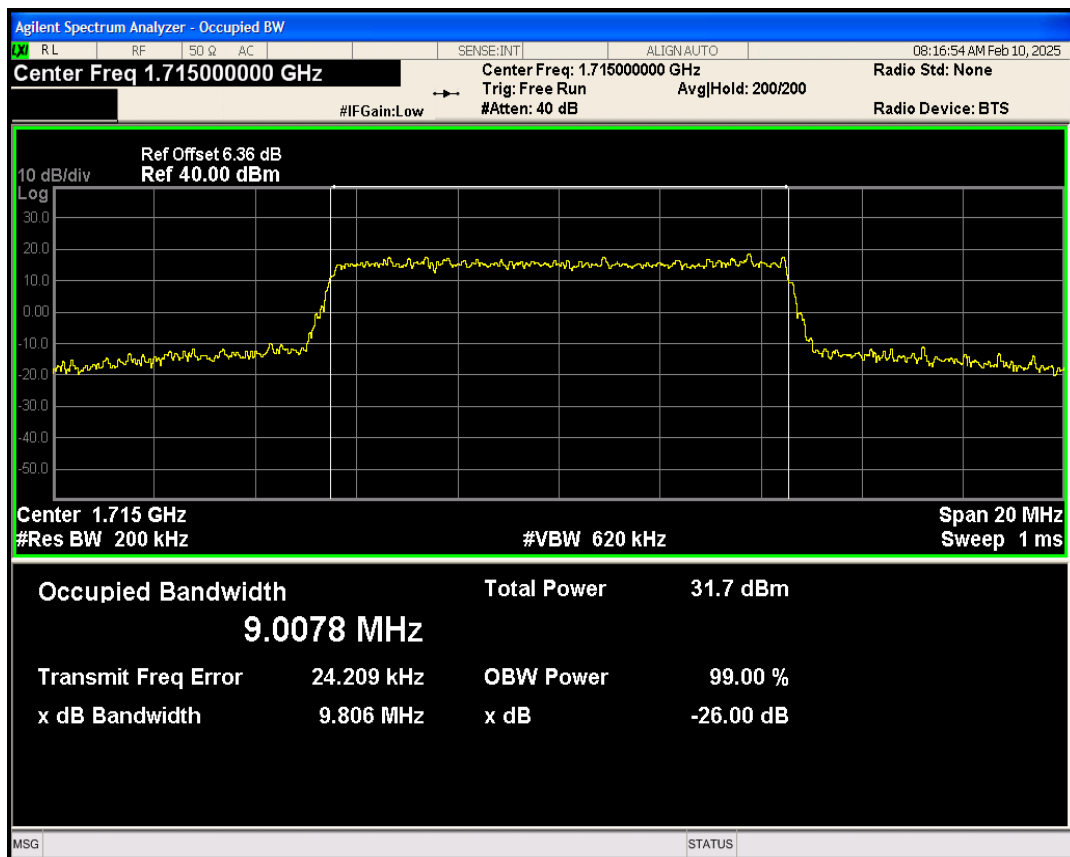




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

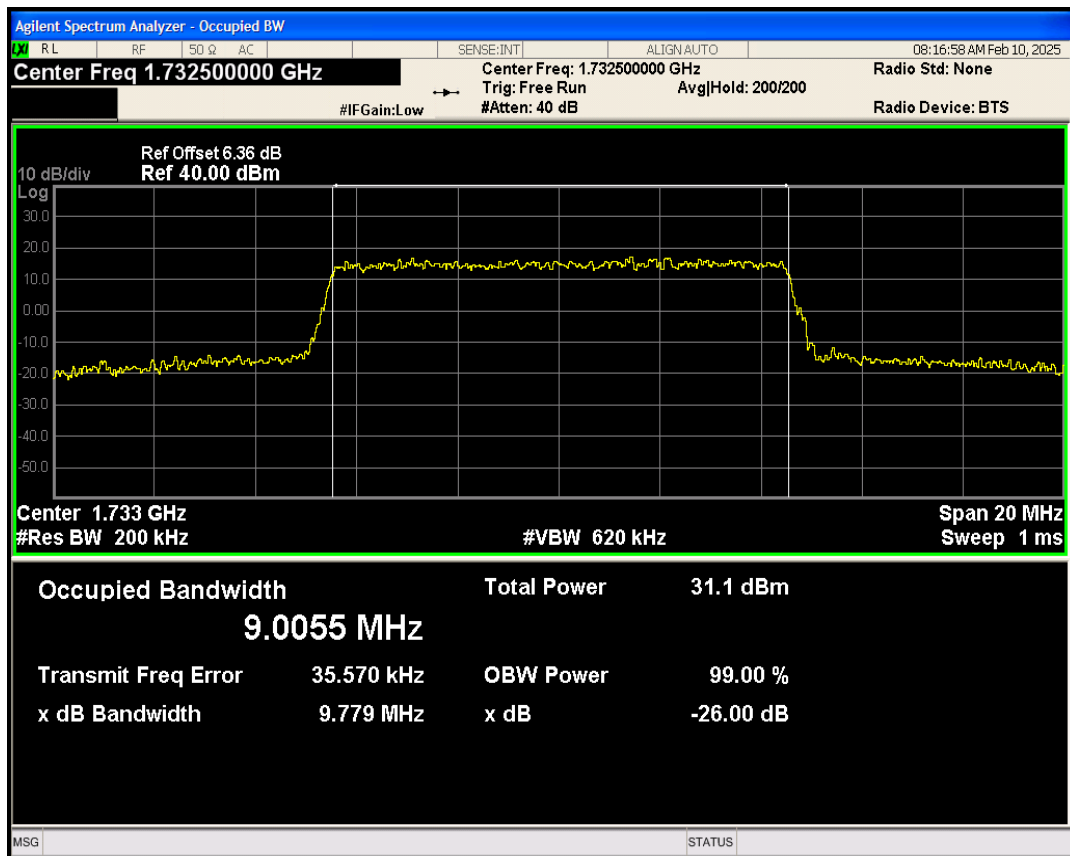


Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0

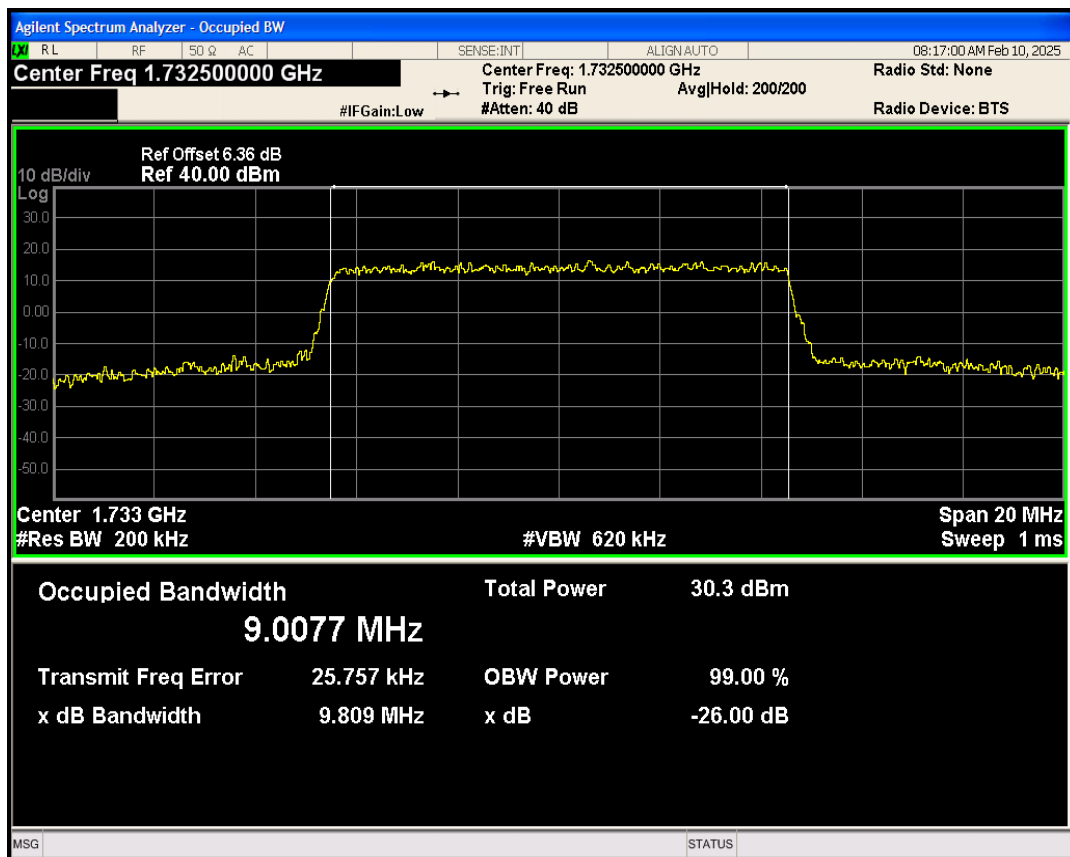




Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

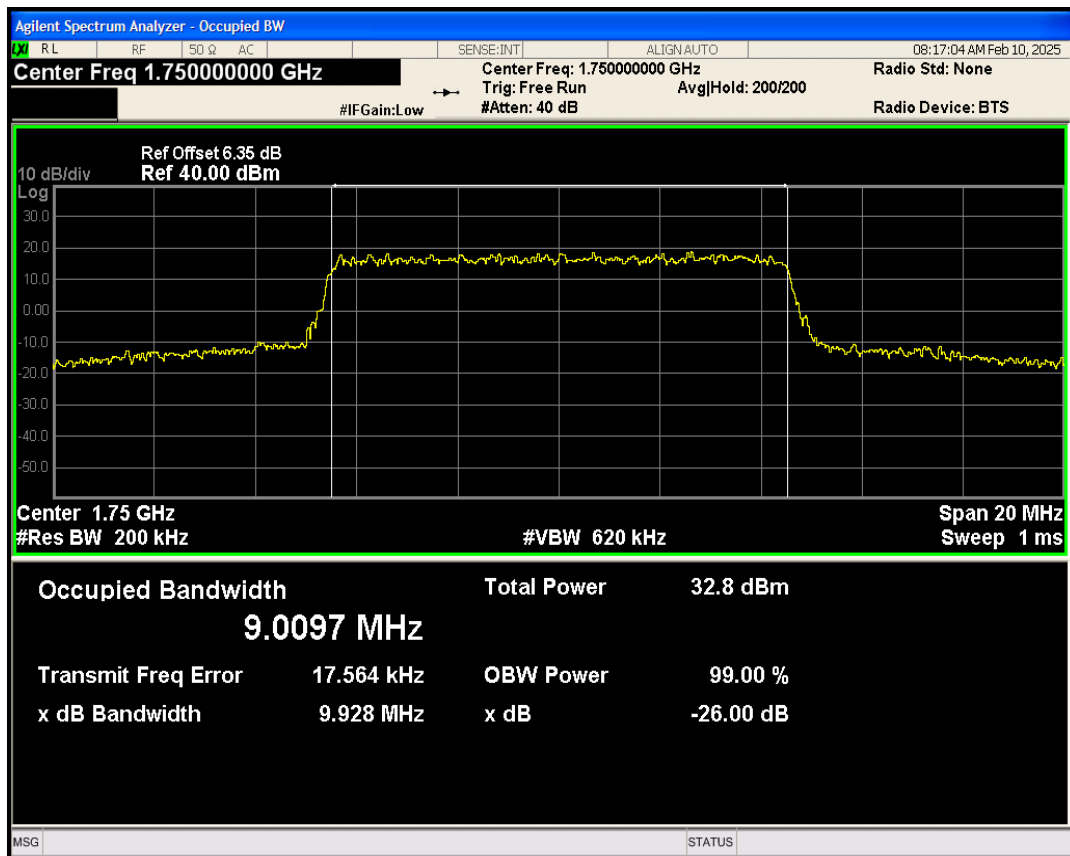


Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0

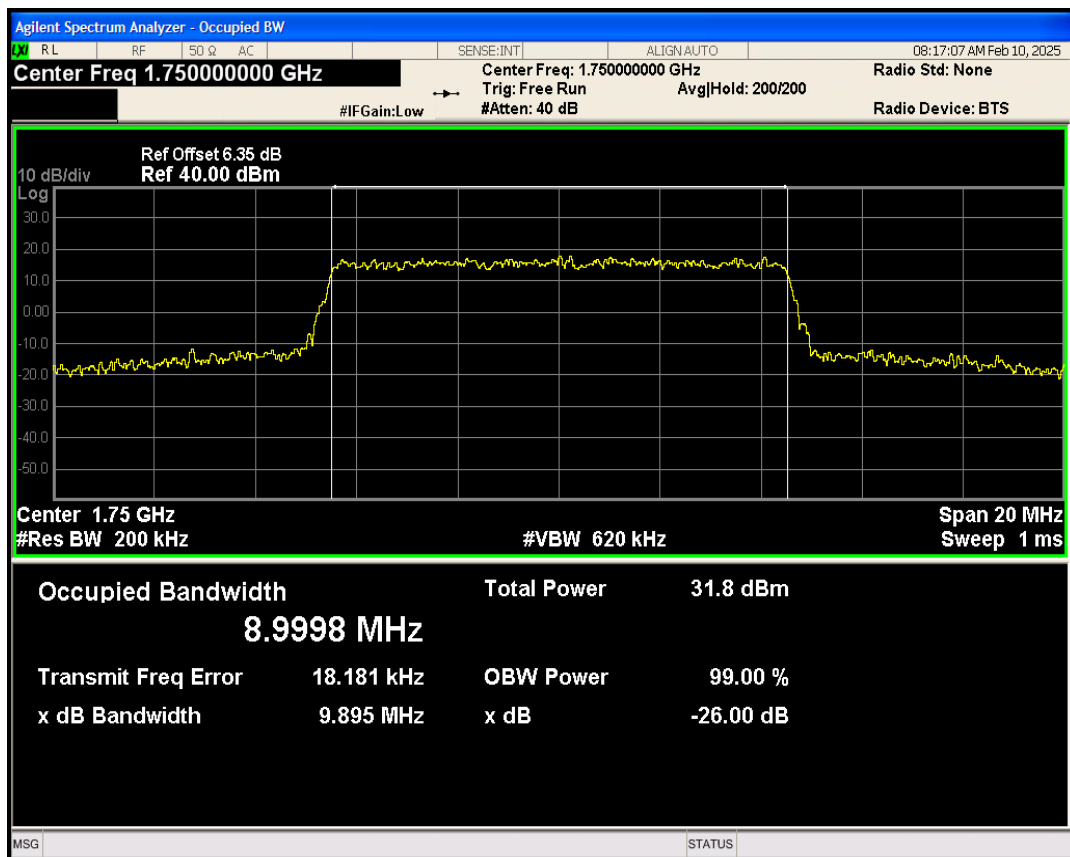




Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

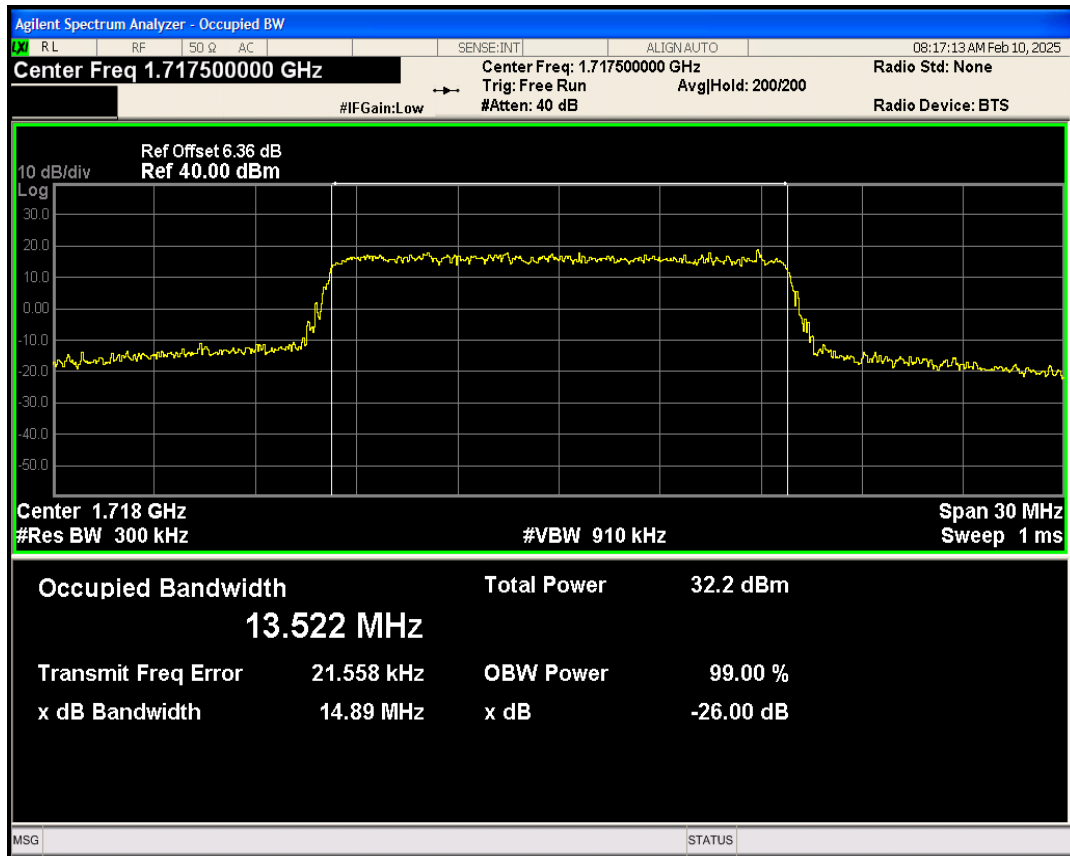


Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0

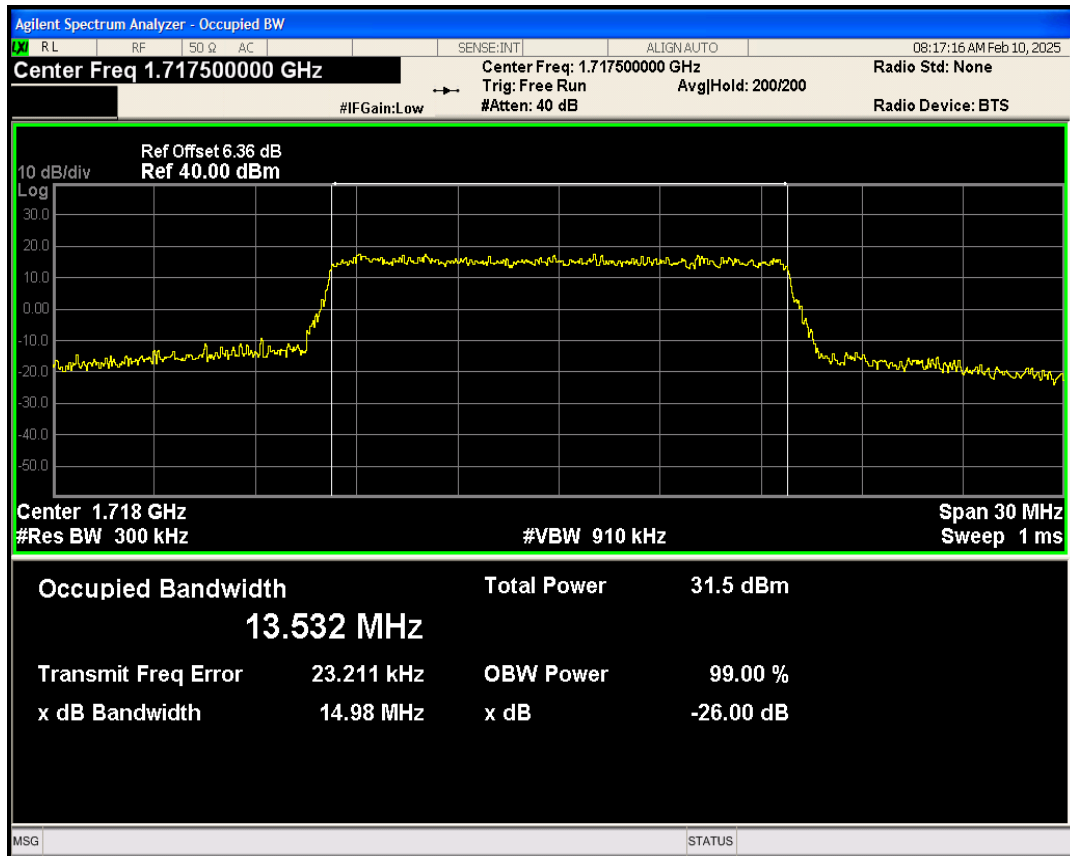




Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

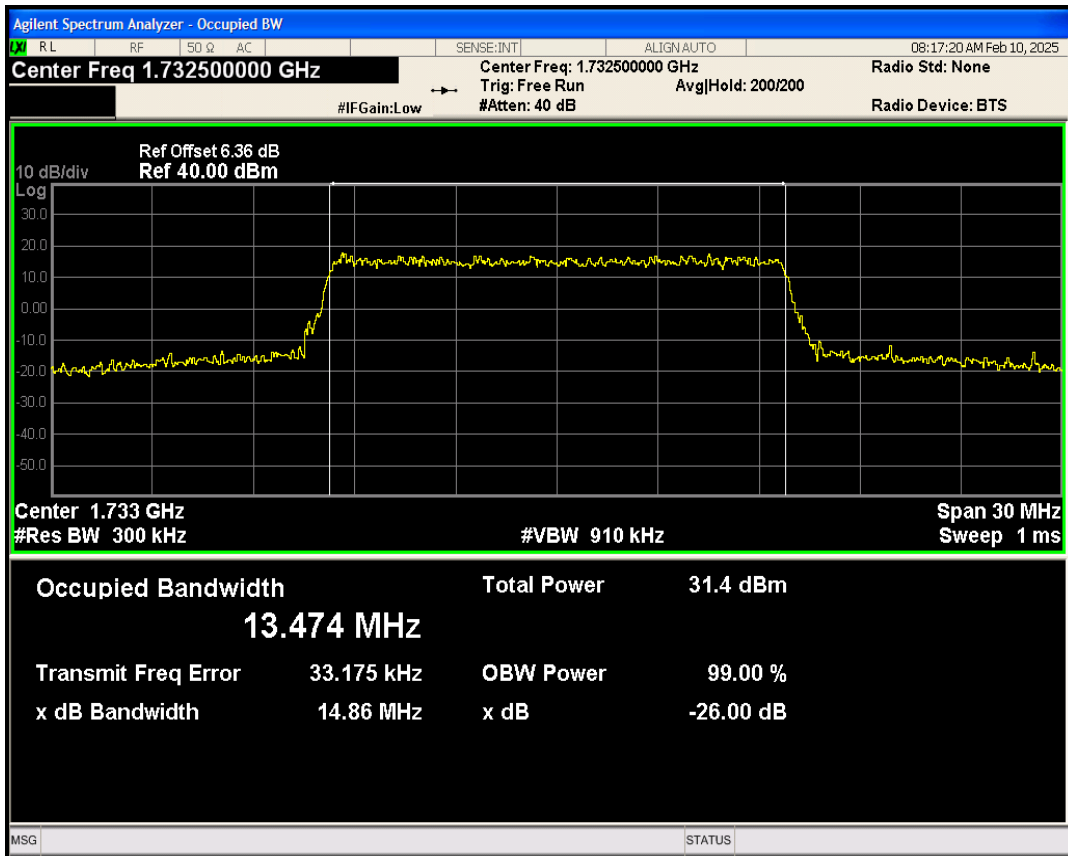


Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0

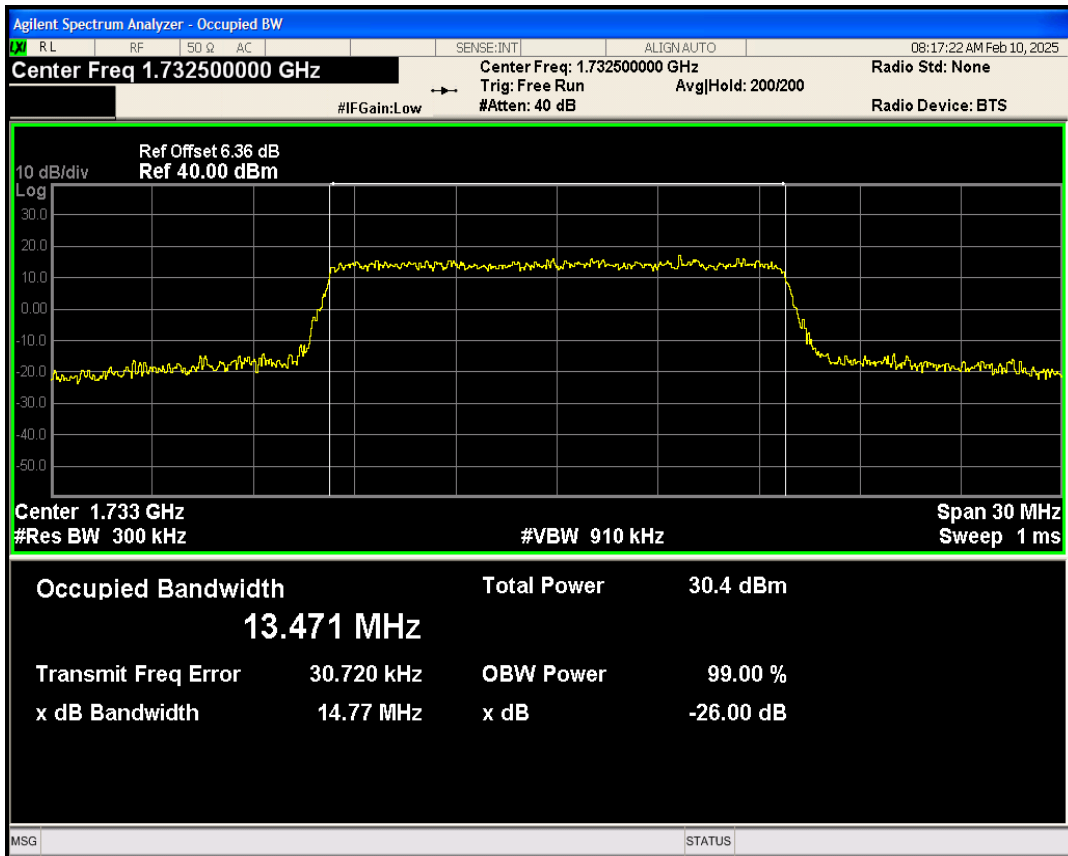




Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0

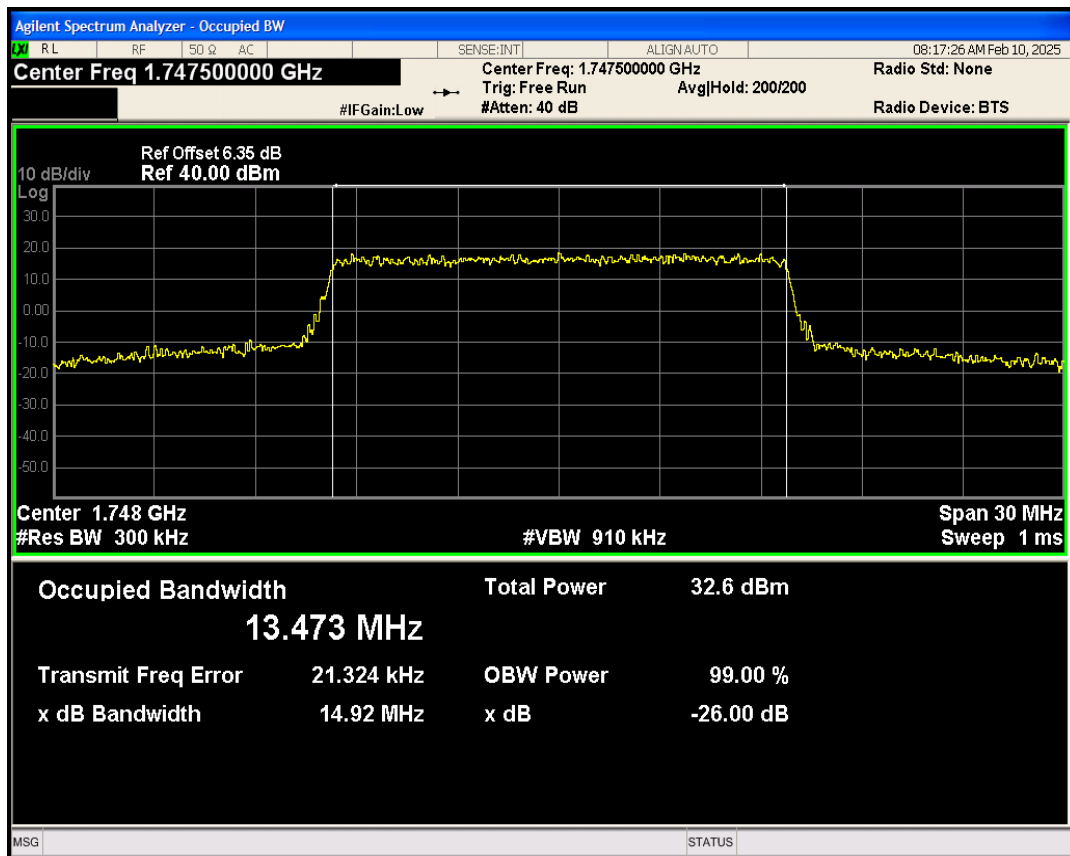


Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0

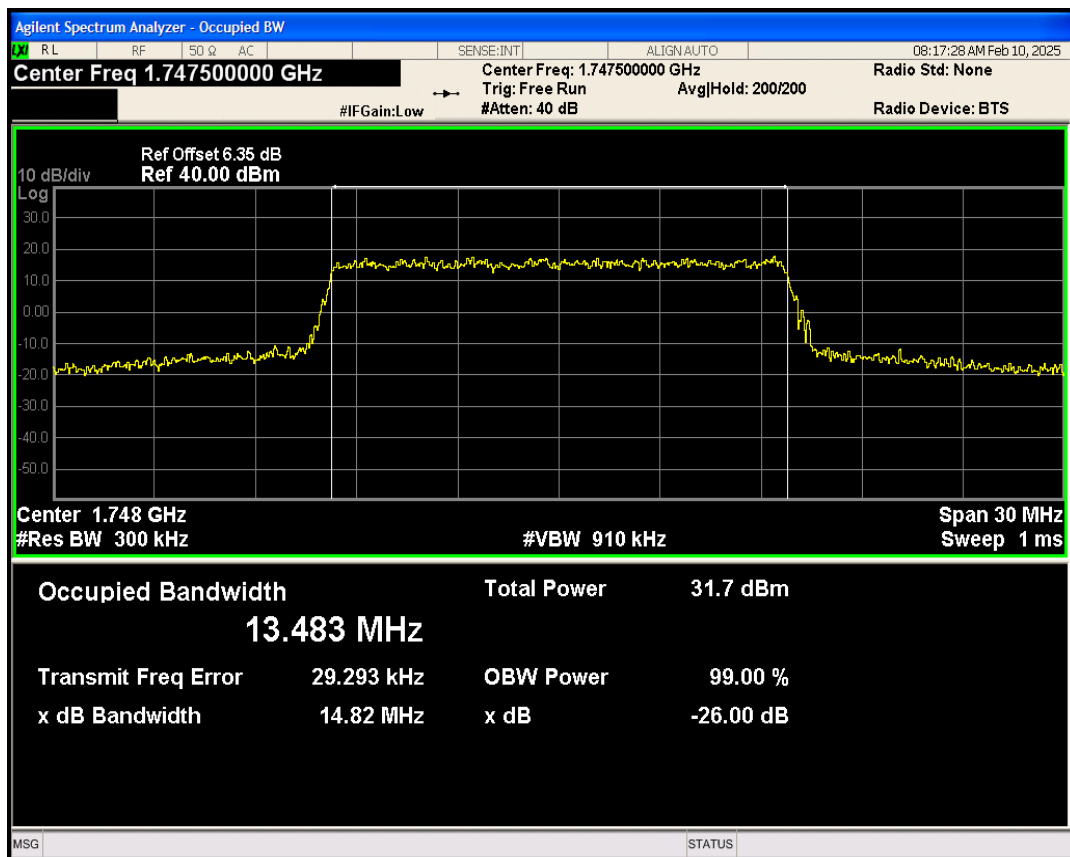




Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

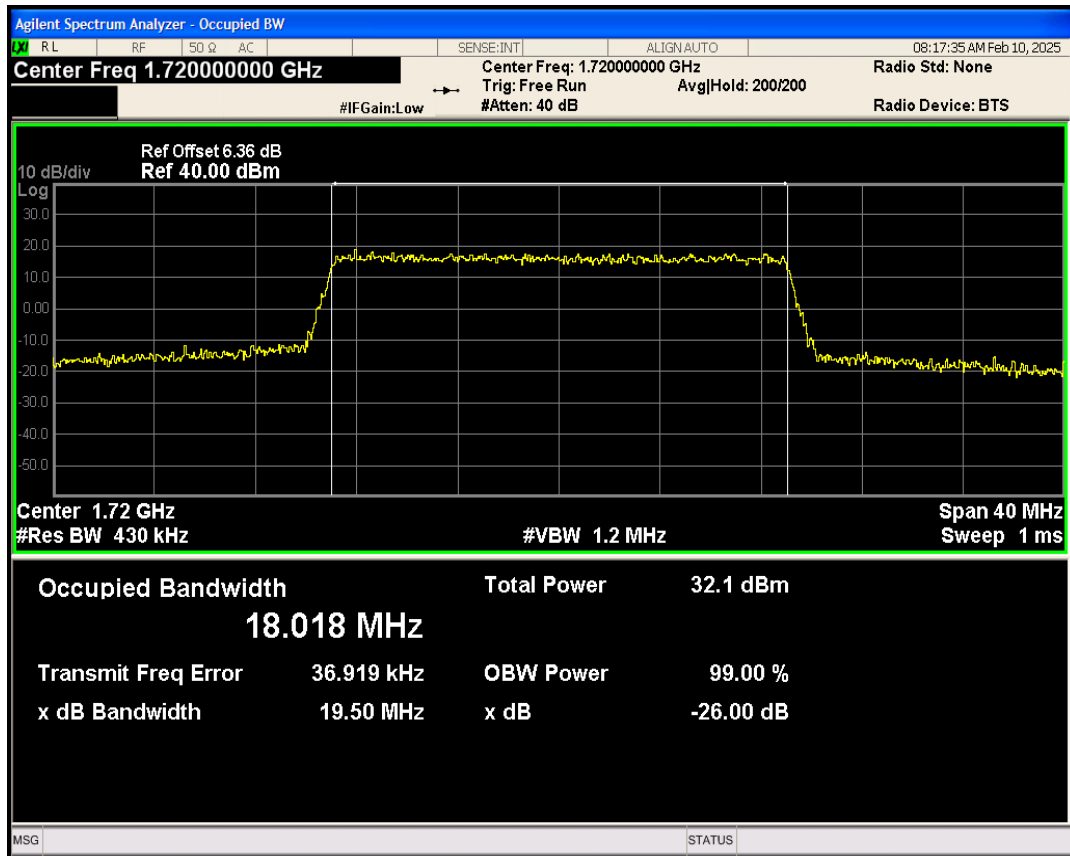


Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0

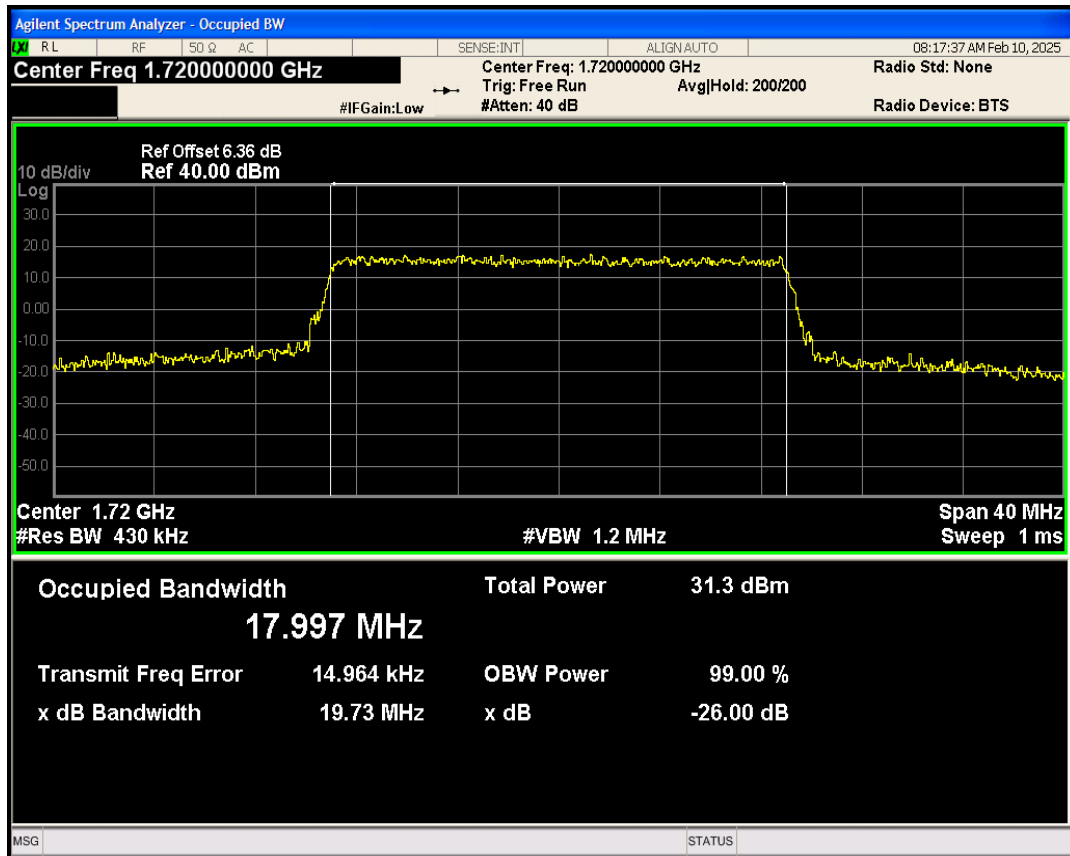




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

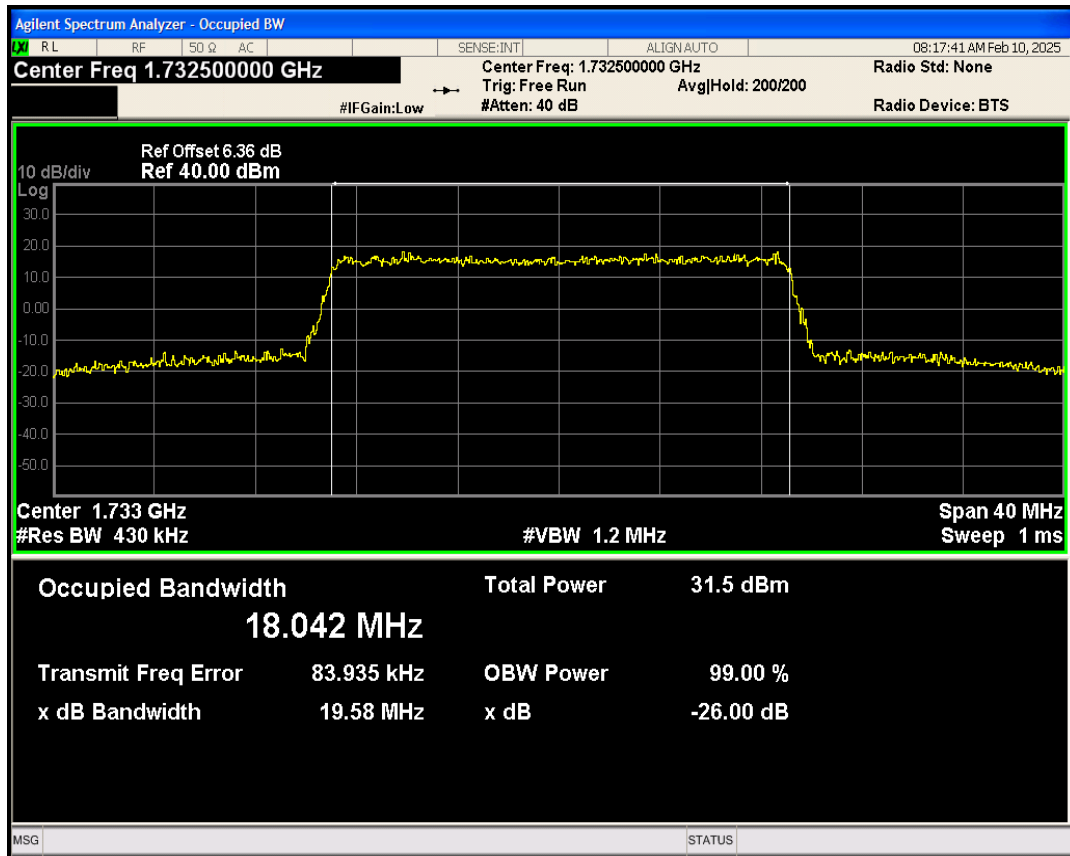


Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0

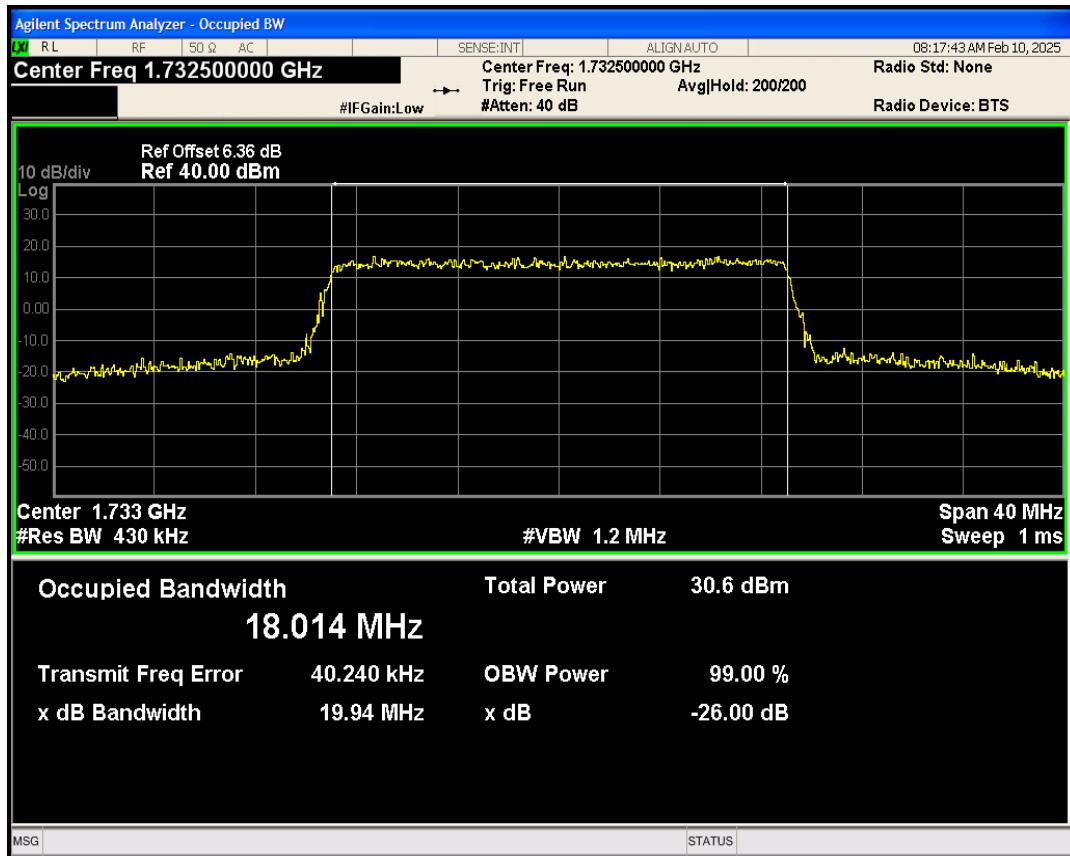




Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

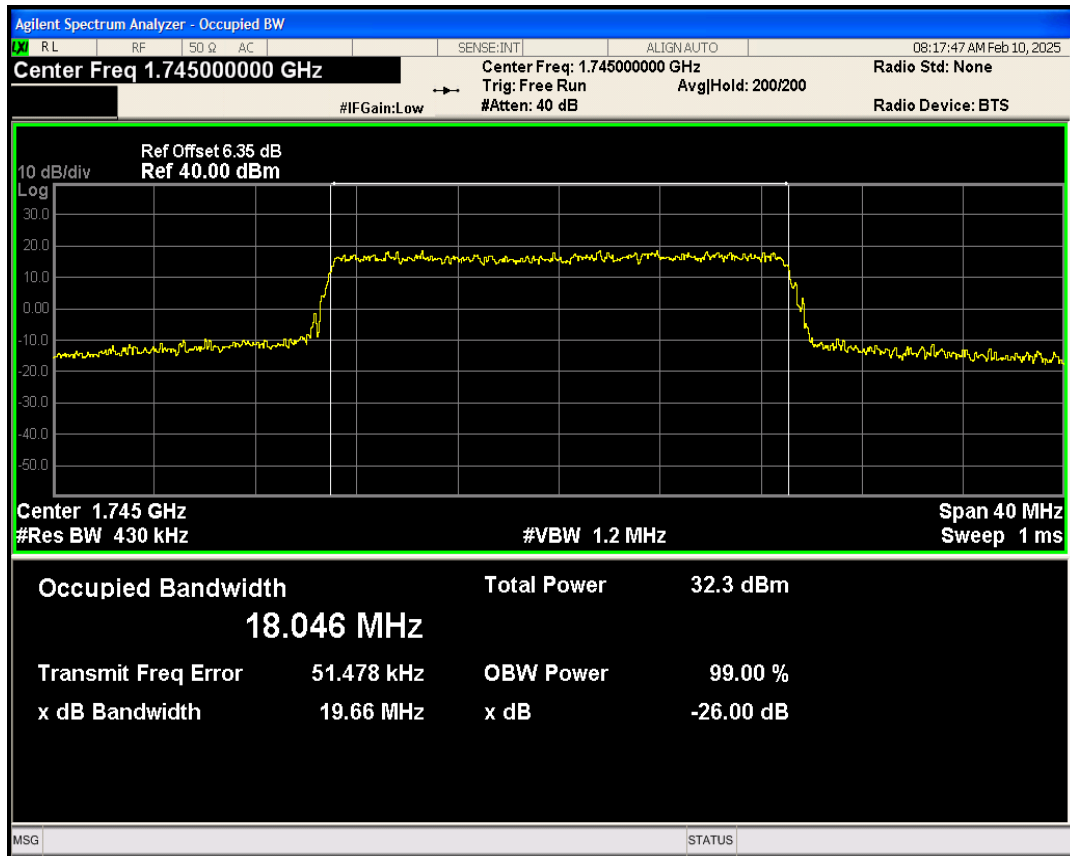


Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0

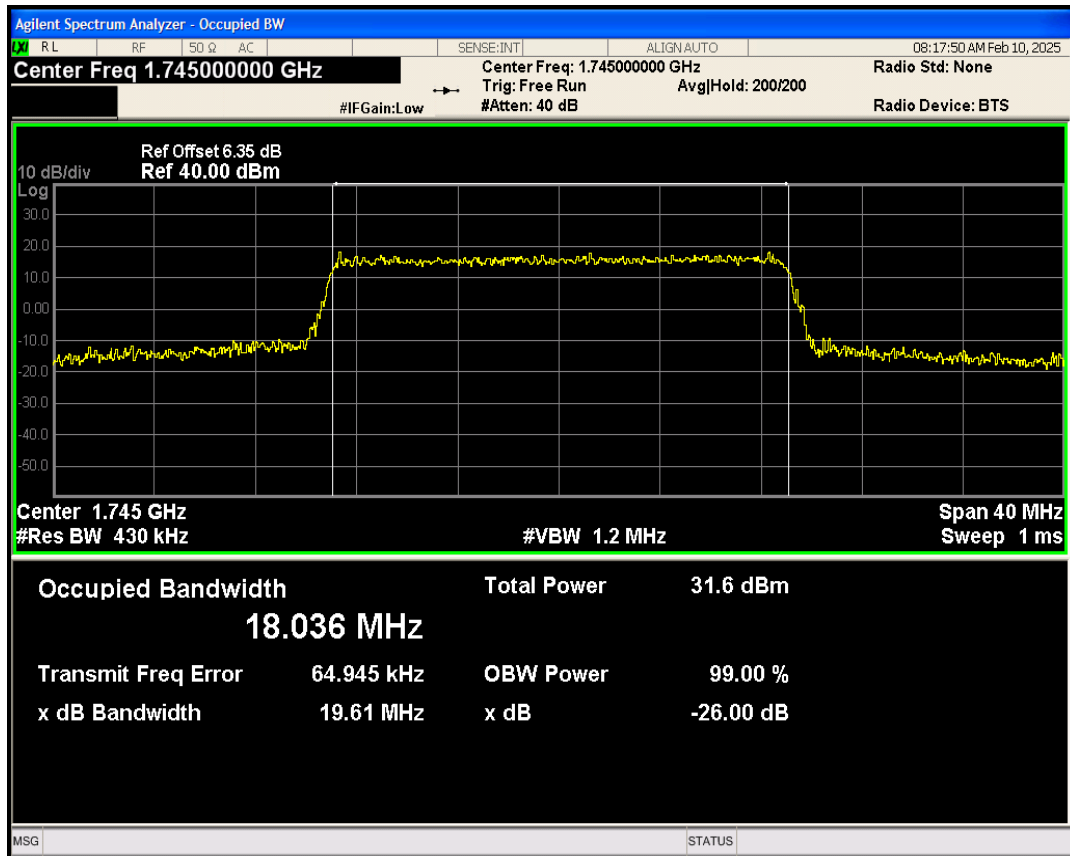




Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

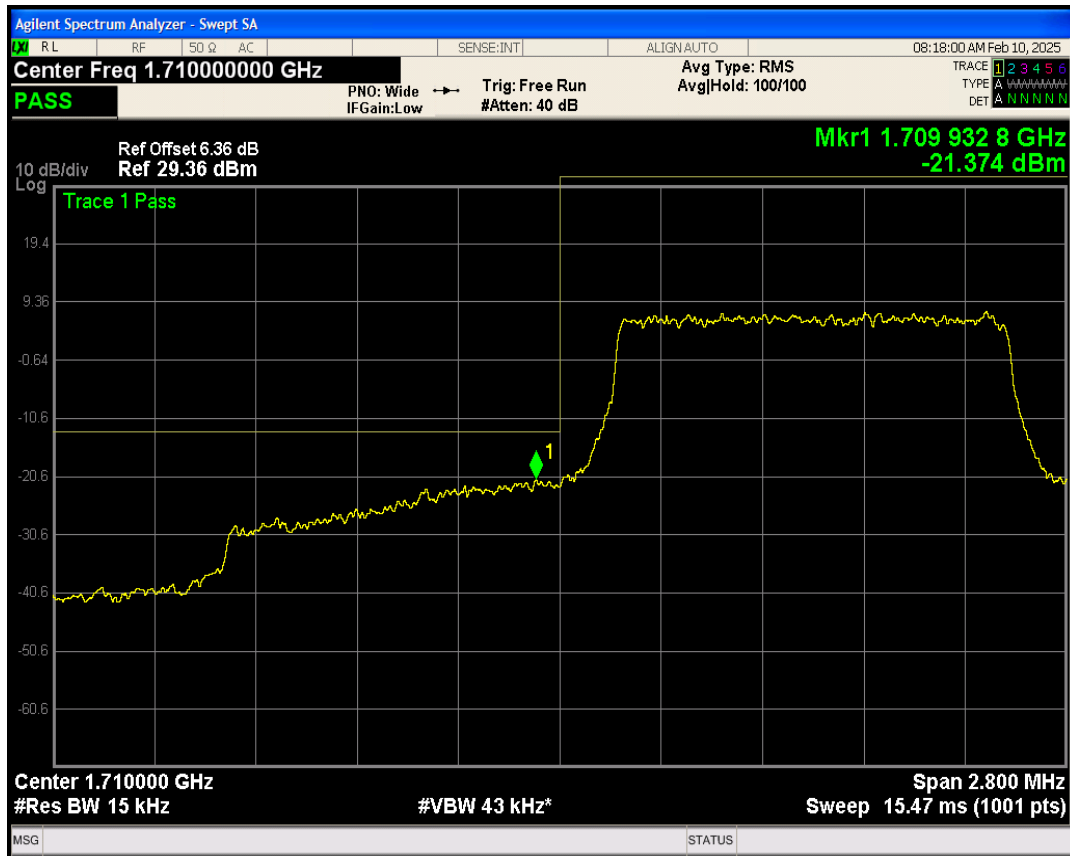


Appendix 5. Band edge

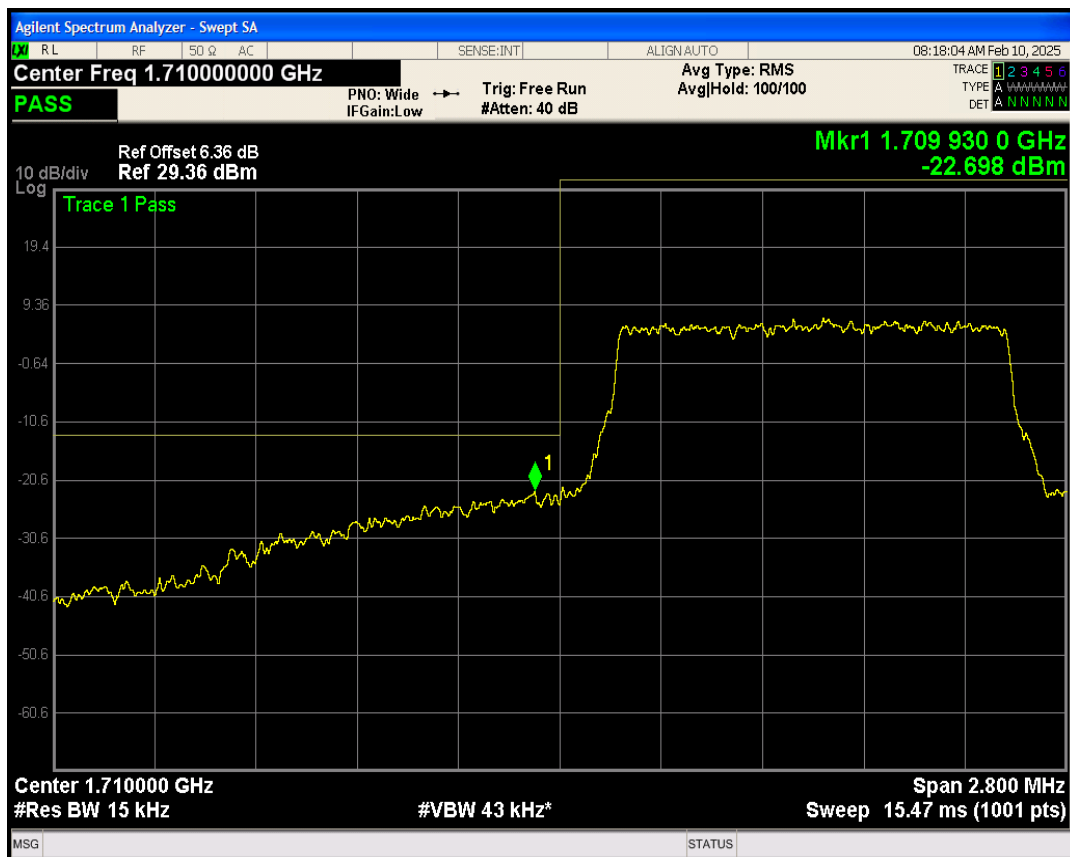
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1709.93	-21.37	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.93	-22.69	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.02	-23.49	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.05	-25.62	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-18.62	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-21.12	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-21.90	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-22.33	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.98	-21.67	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-24.11	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-22.83	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-24.82	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-21.50	-13	PASS
Band4	10	20000	50	#0	16QAM	1709.18	-24.24	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.06	-21.94	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-24.78	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-22.05	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.34	-23.92	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-22.13	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.03	-25.19	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-24.39	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-27.05	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-23.71	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.00	-26.62	-13	PASS



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

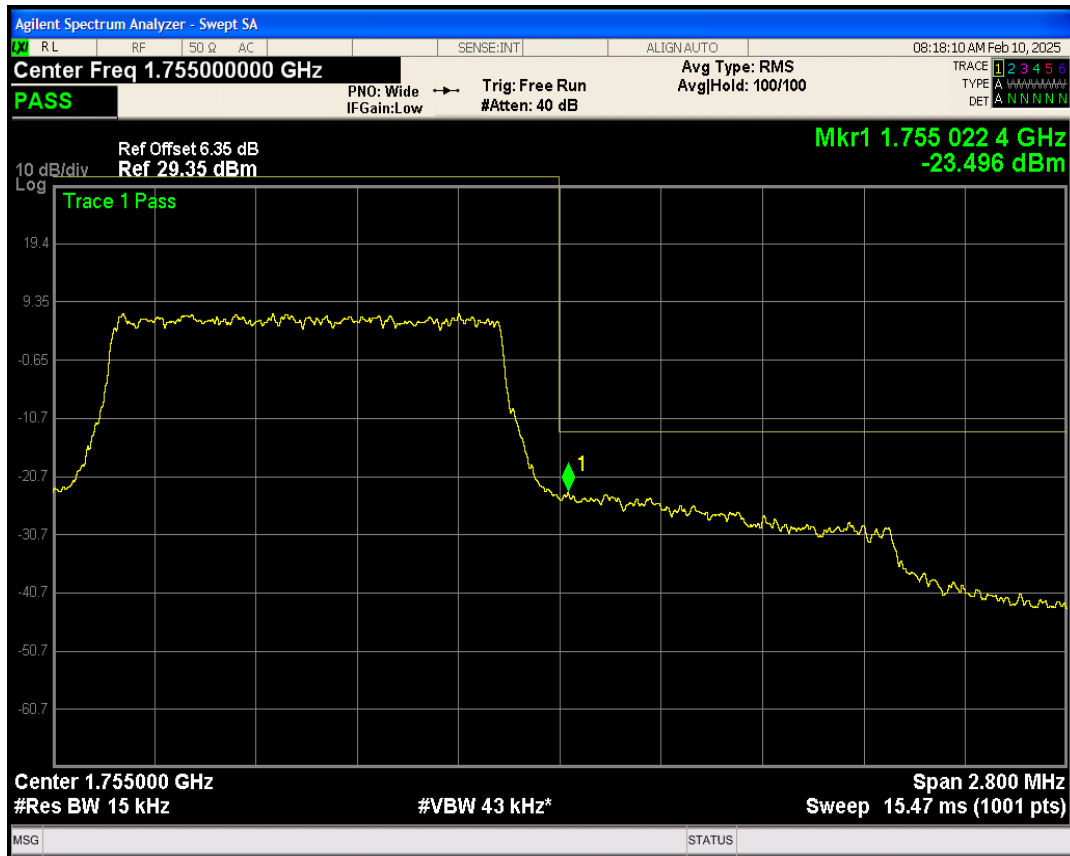


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0

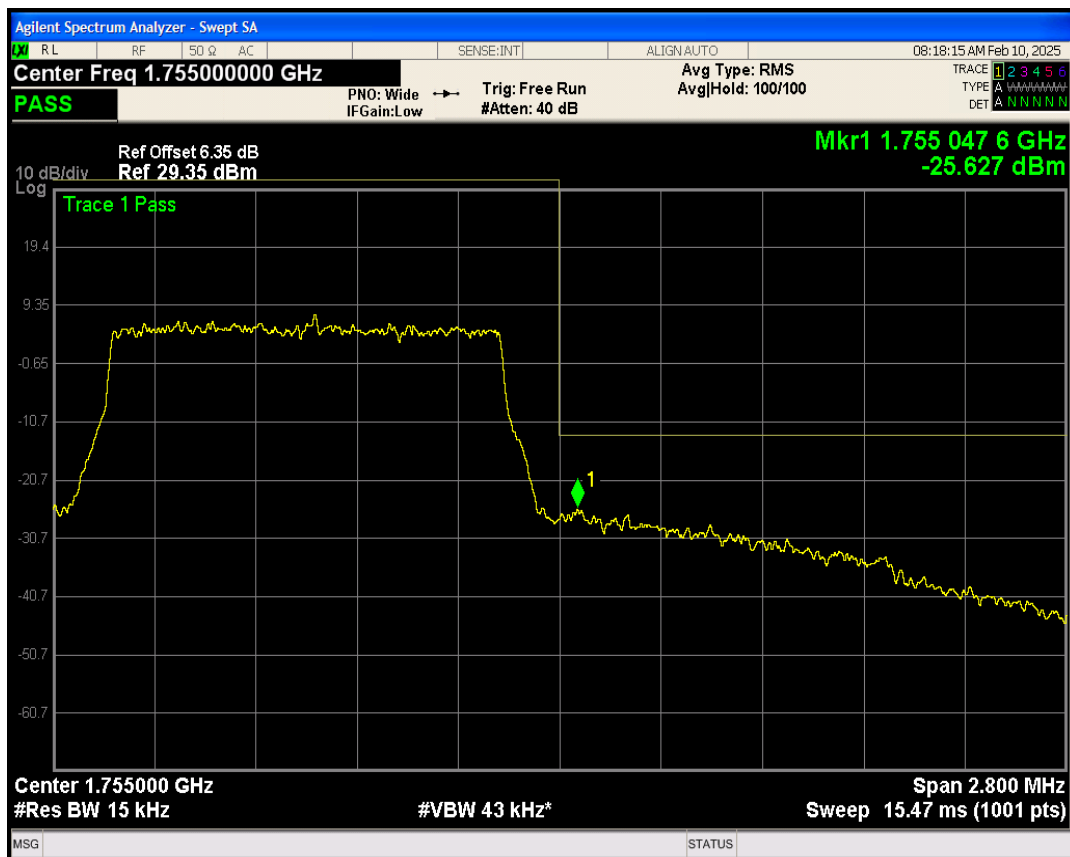




Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

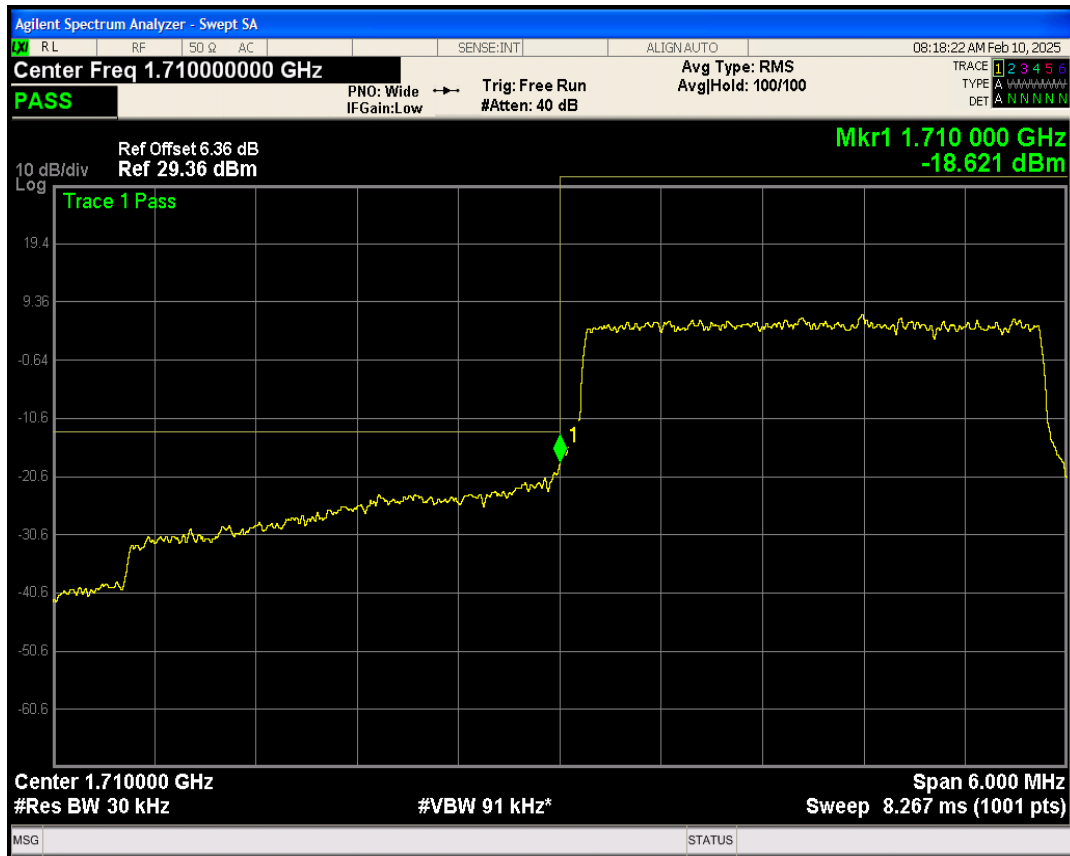


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0

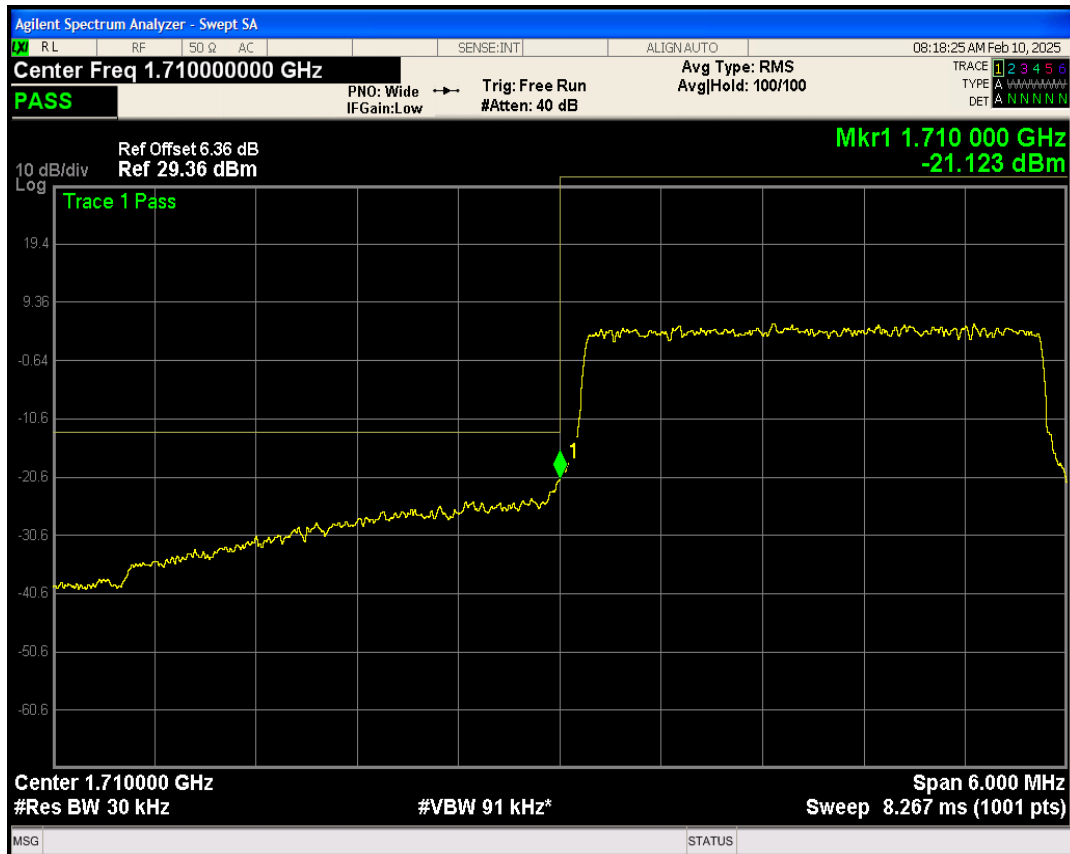




Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

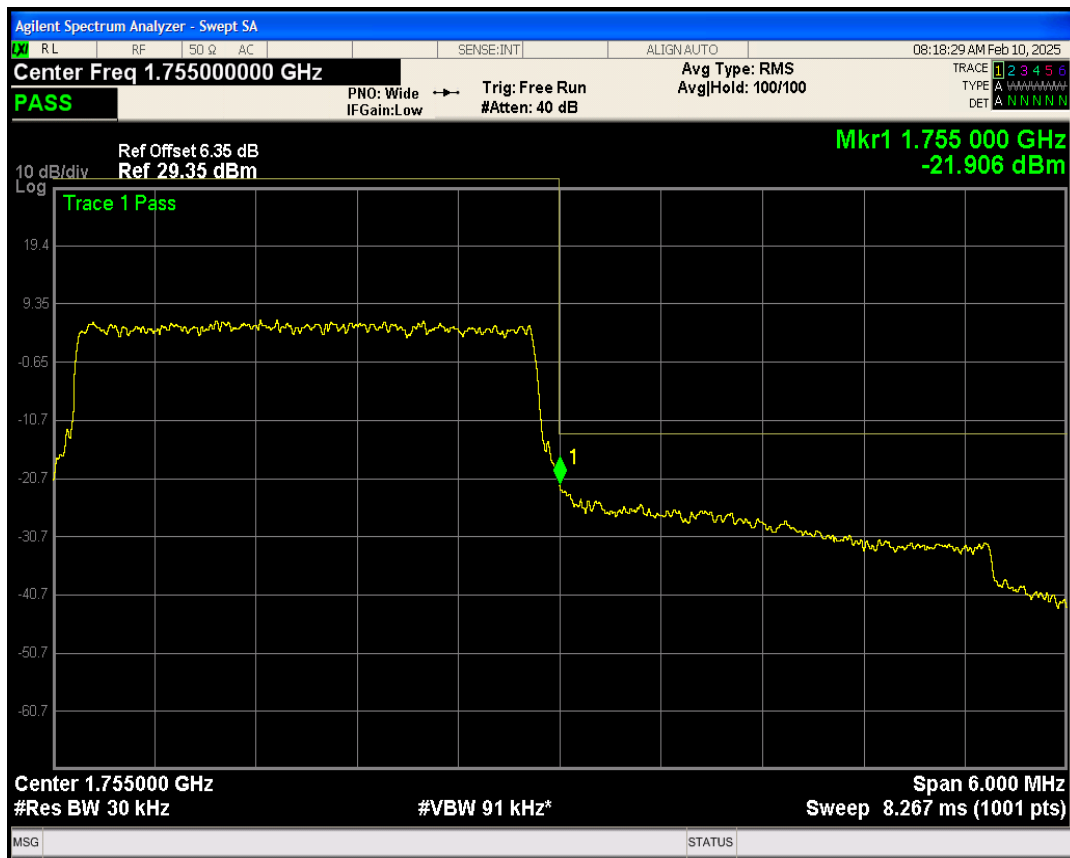


Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0

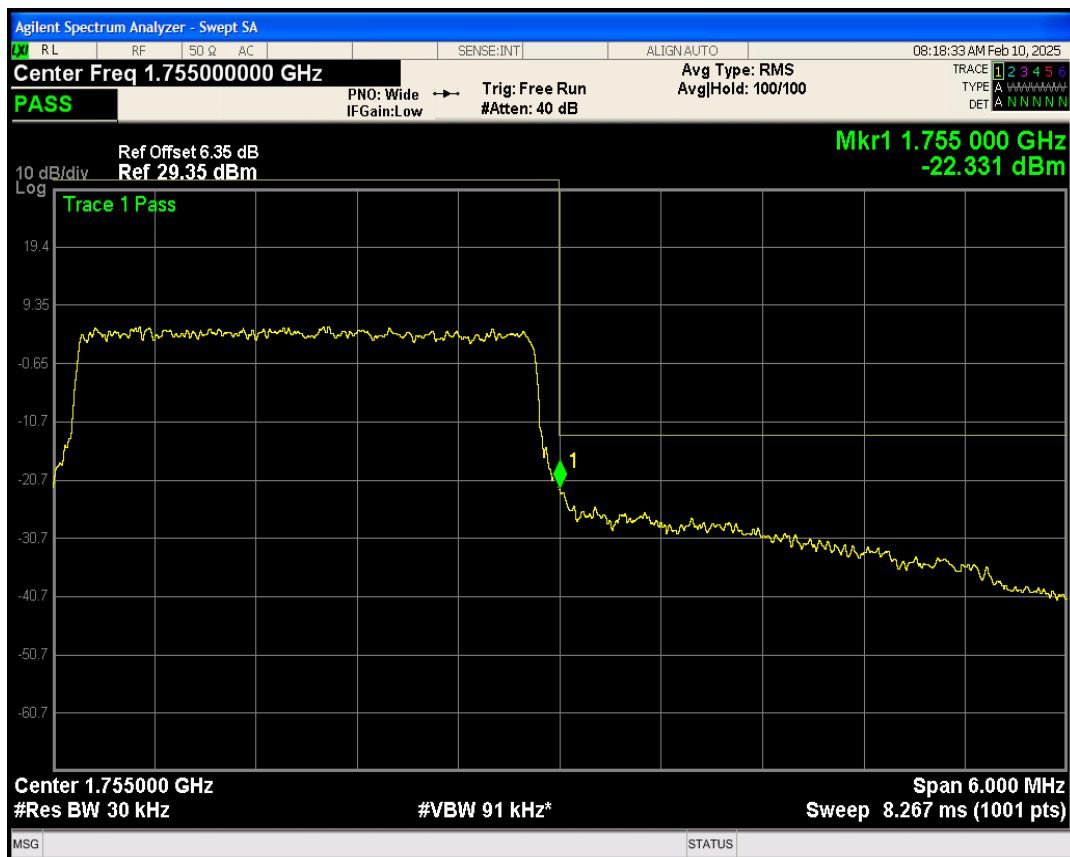




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

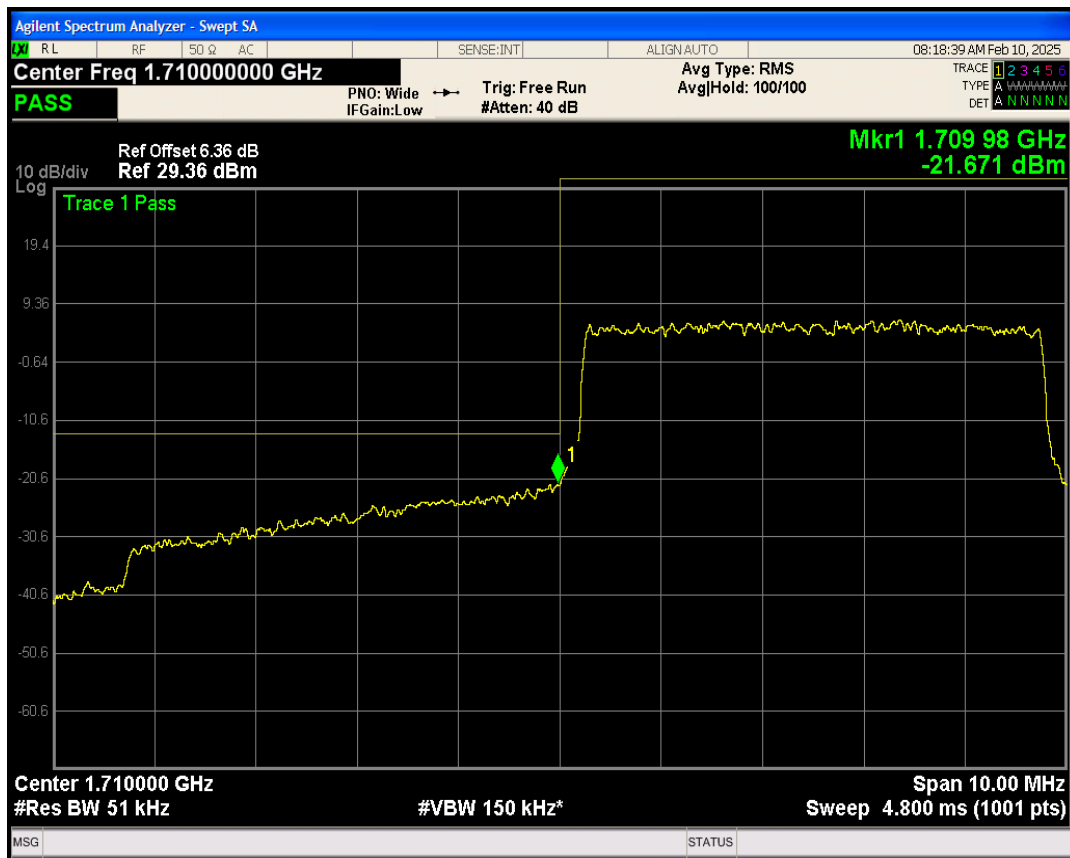


Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0

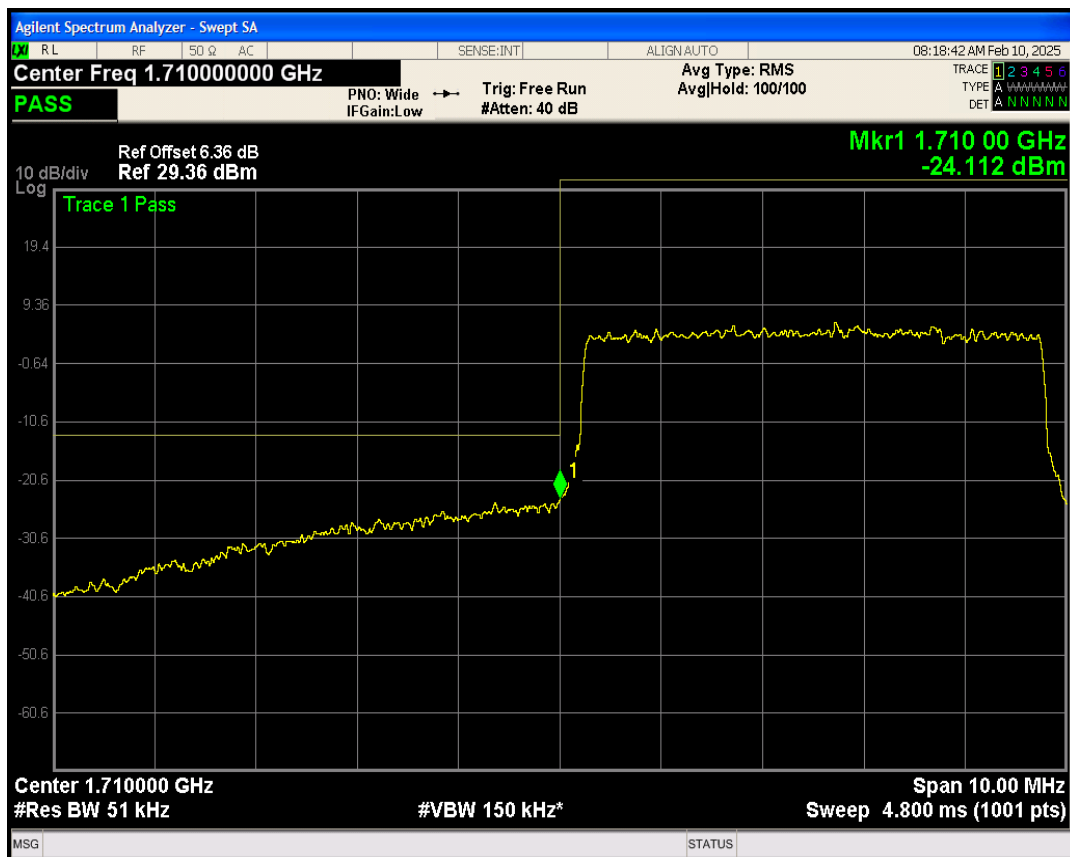




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

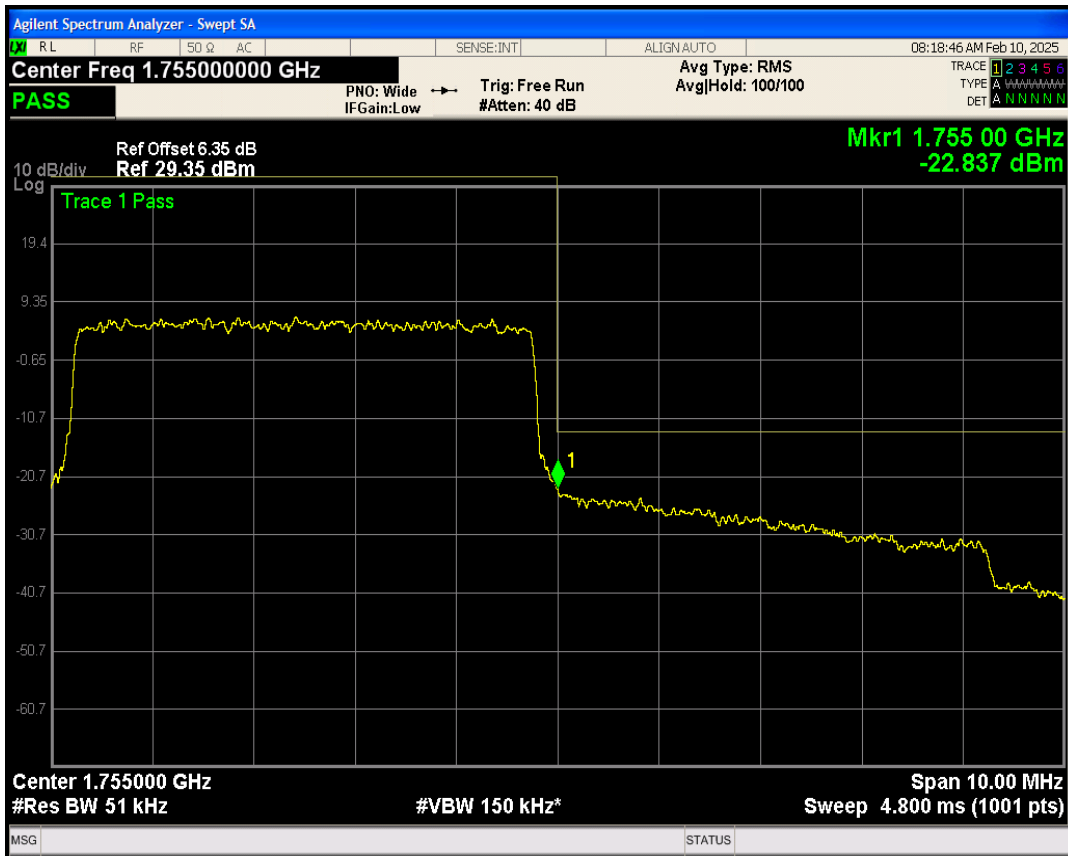


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0

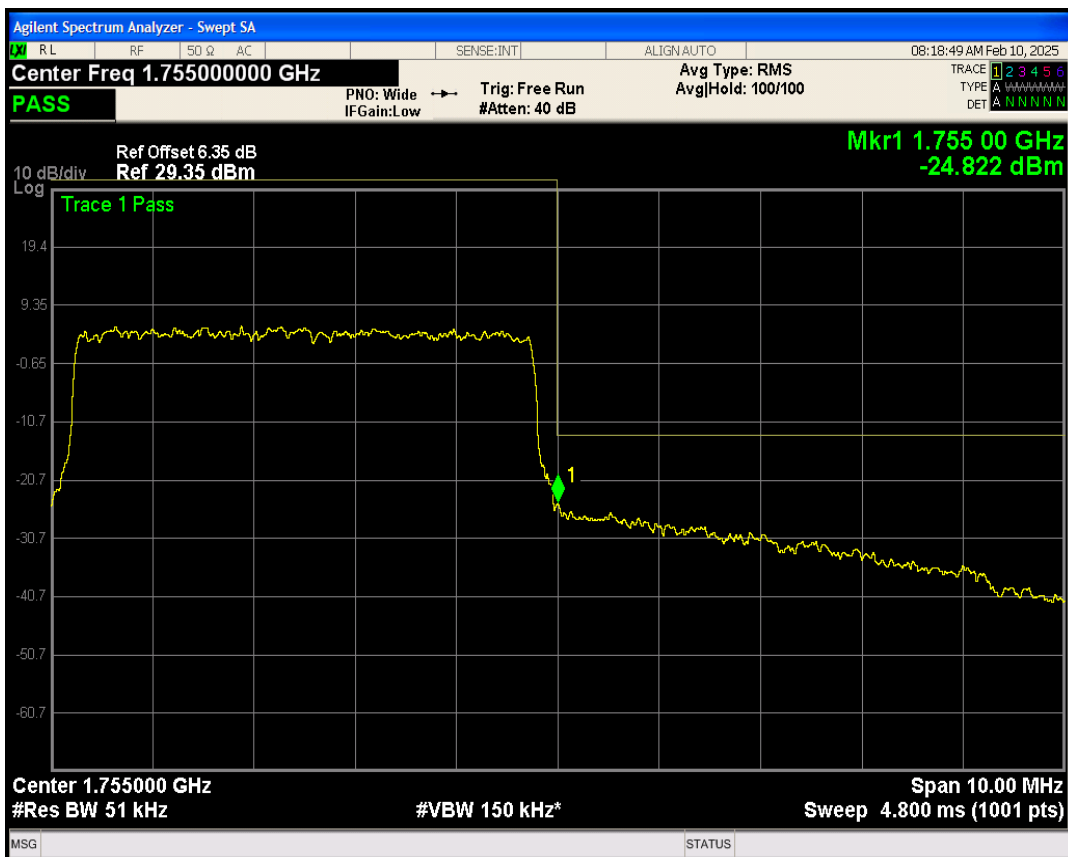




Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

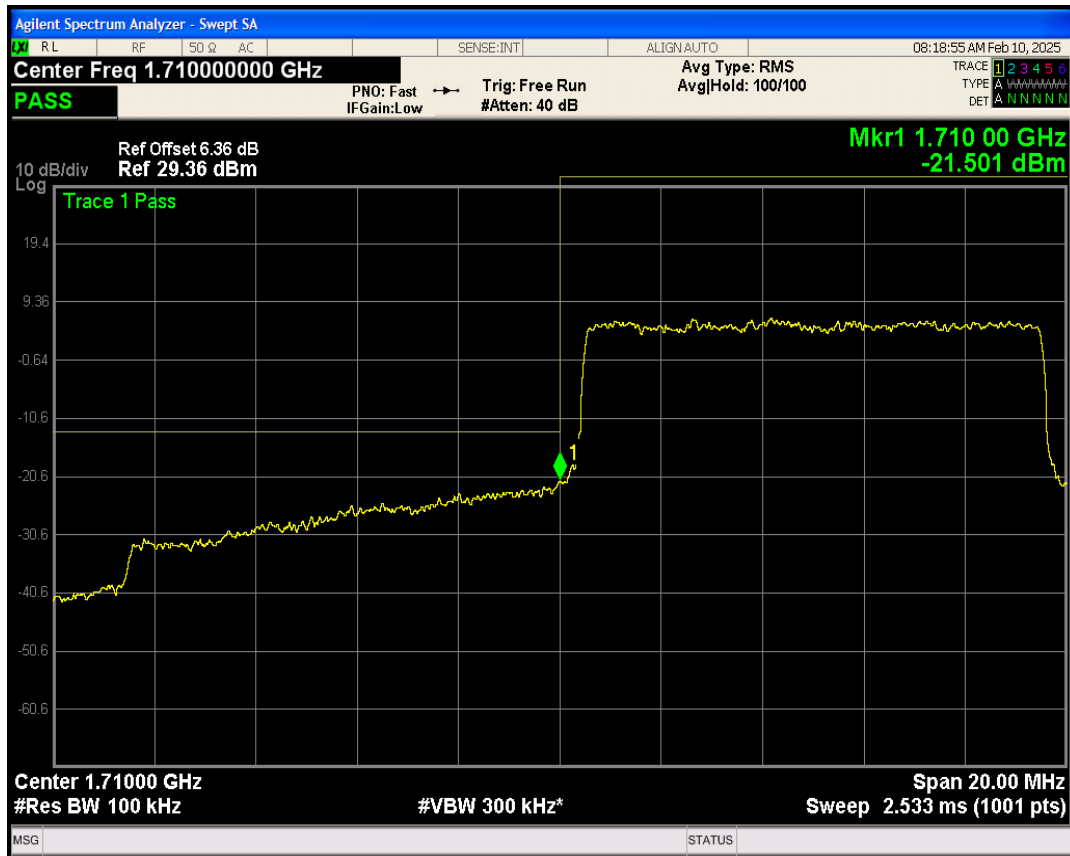


Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

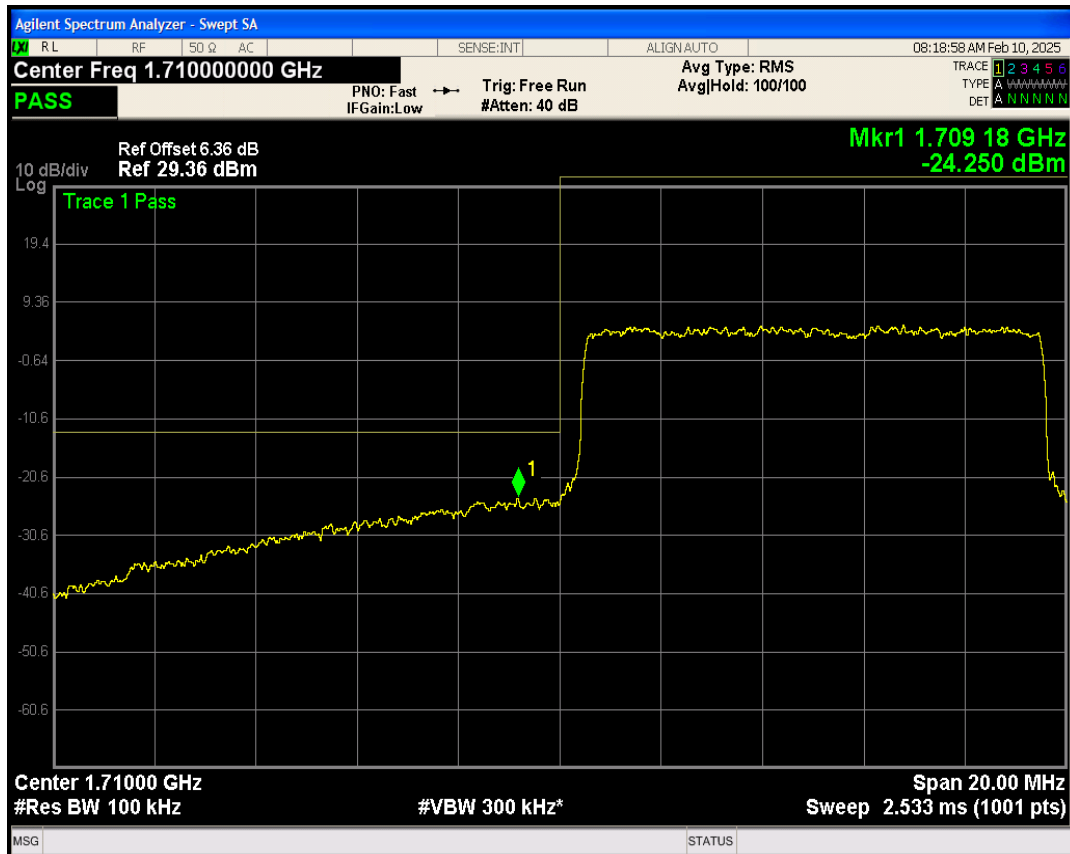




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

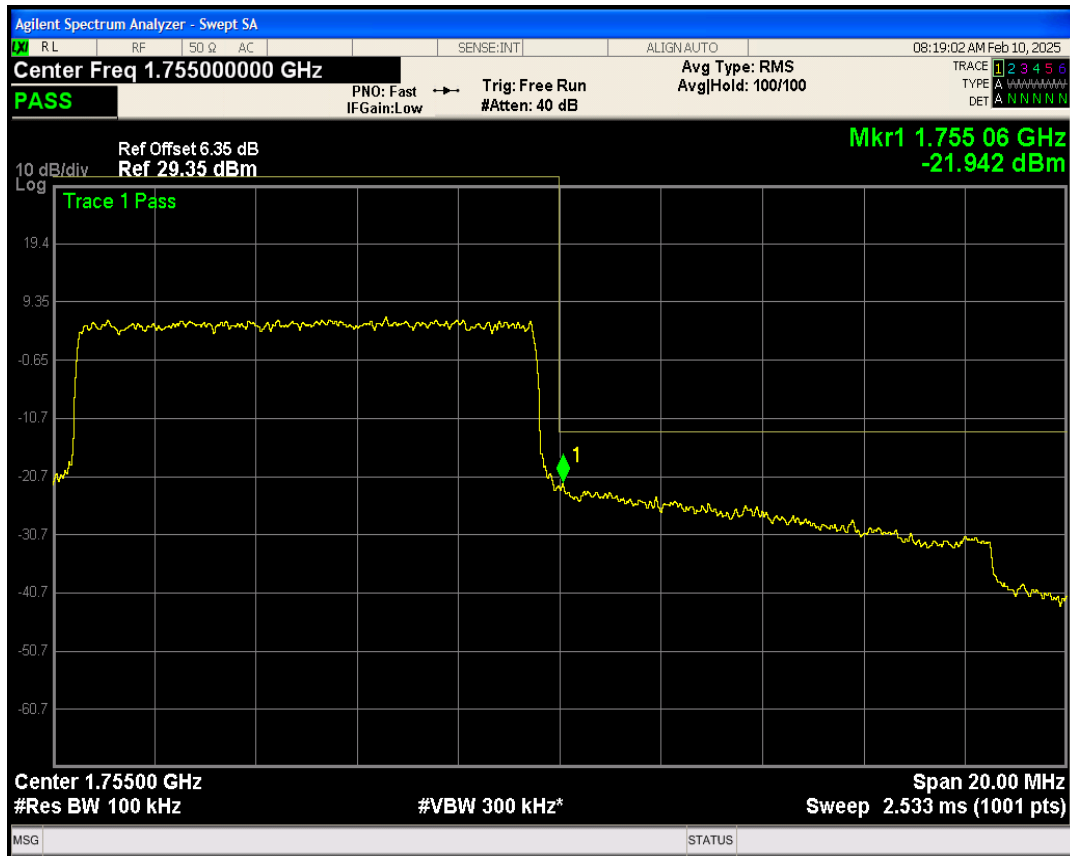


Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0

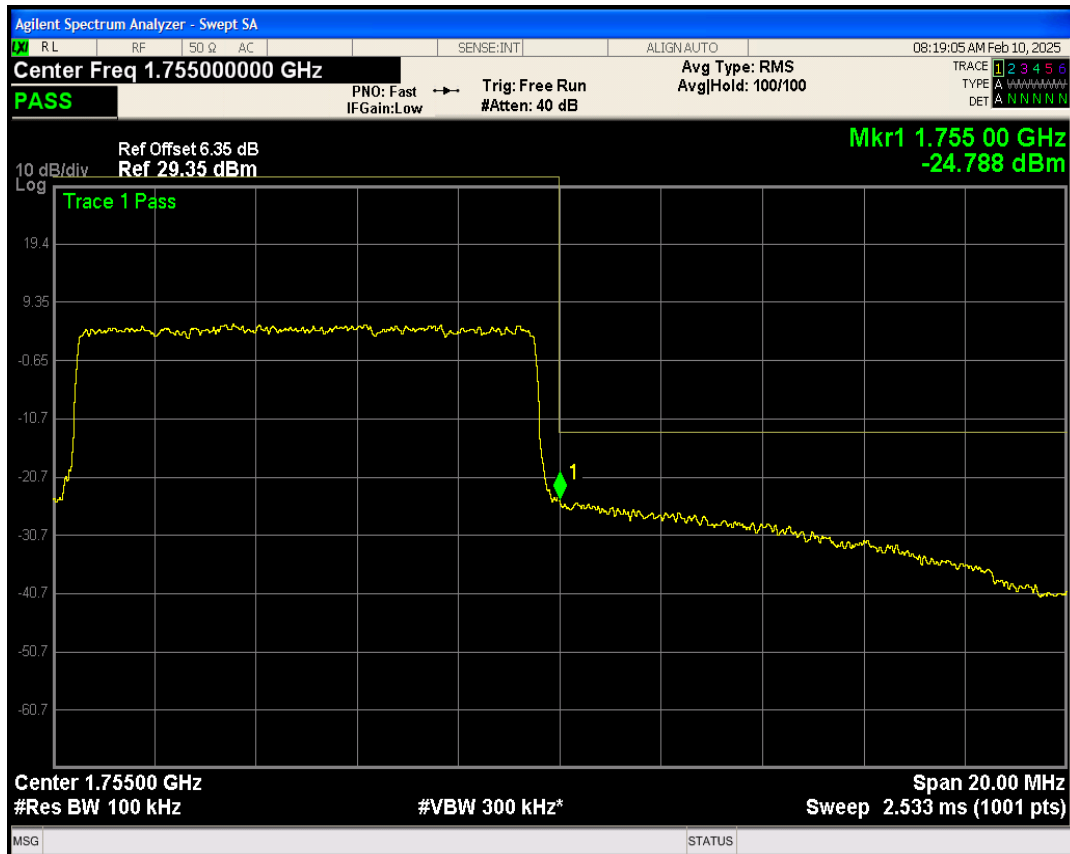




Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

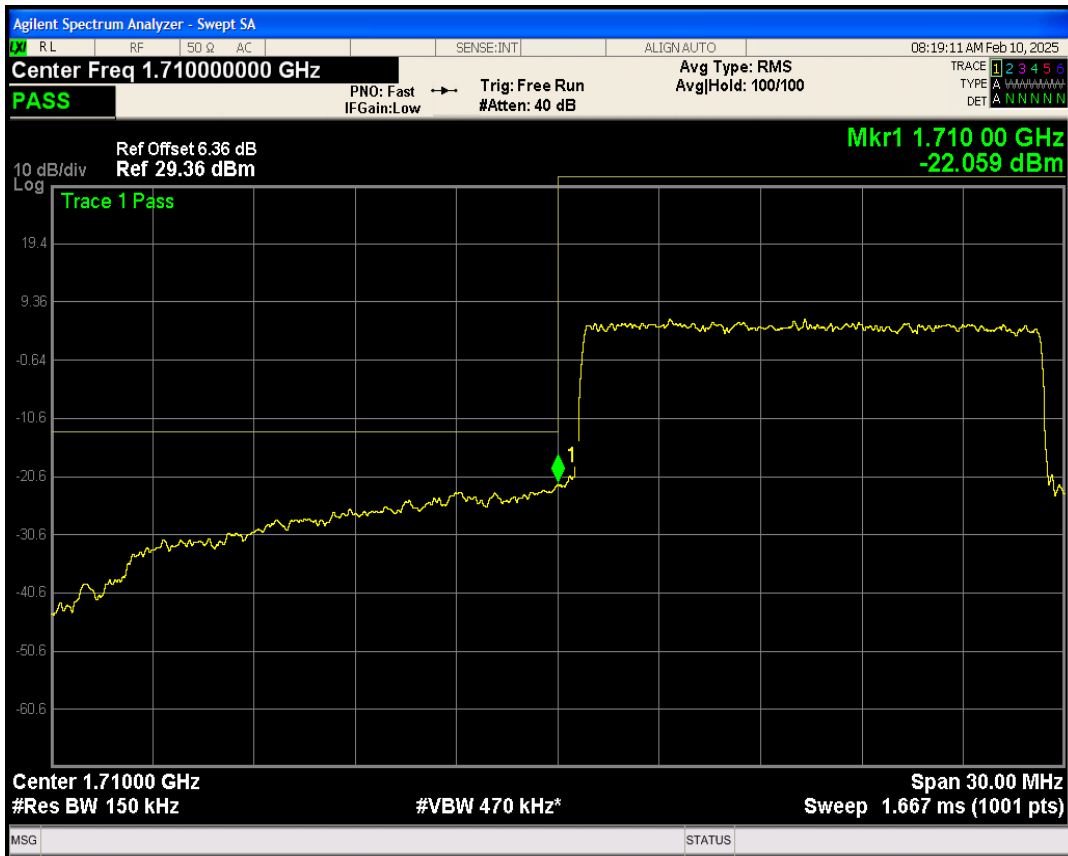


Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0

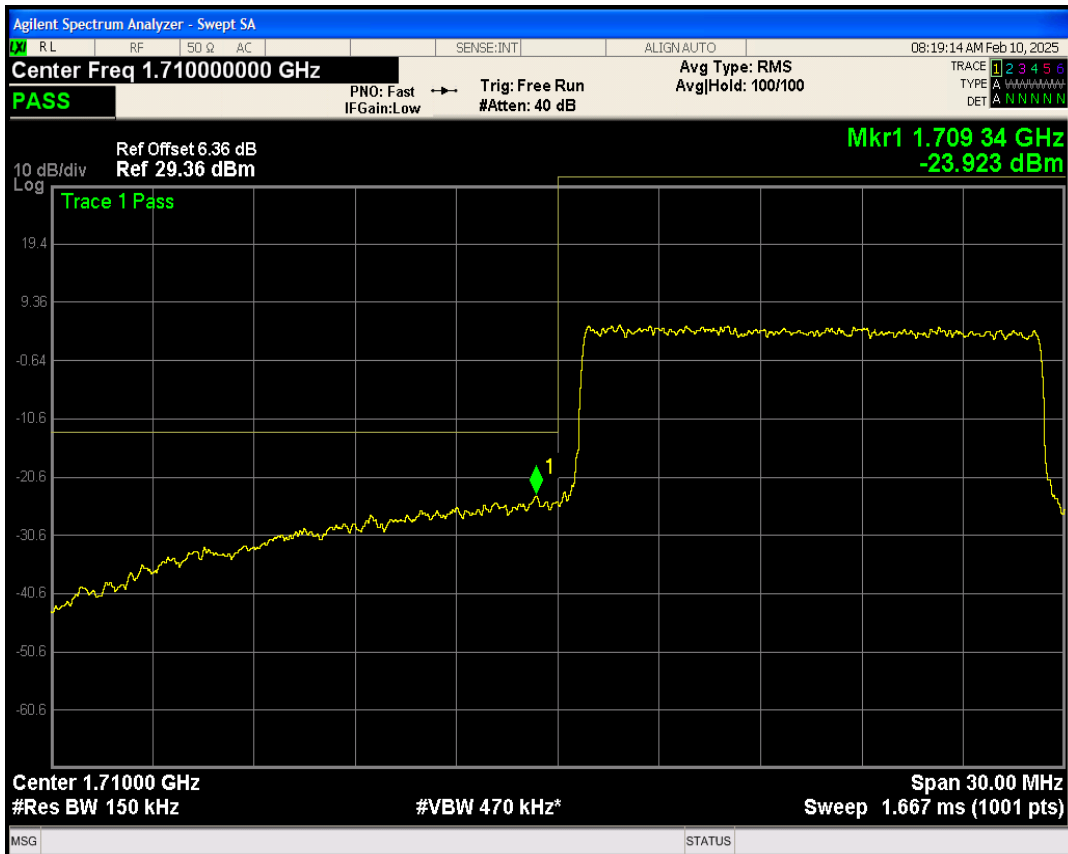




Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

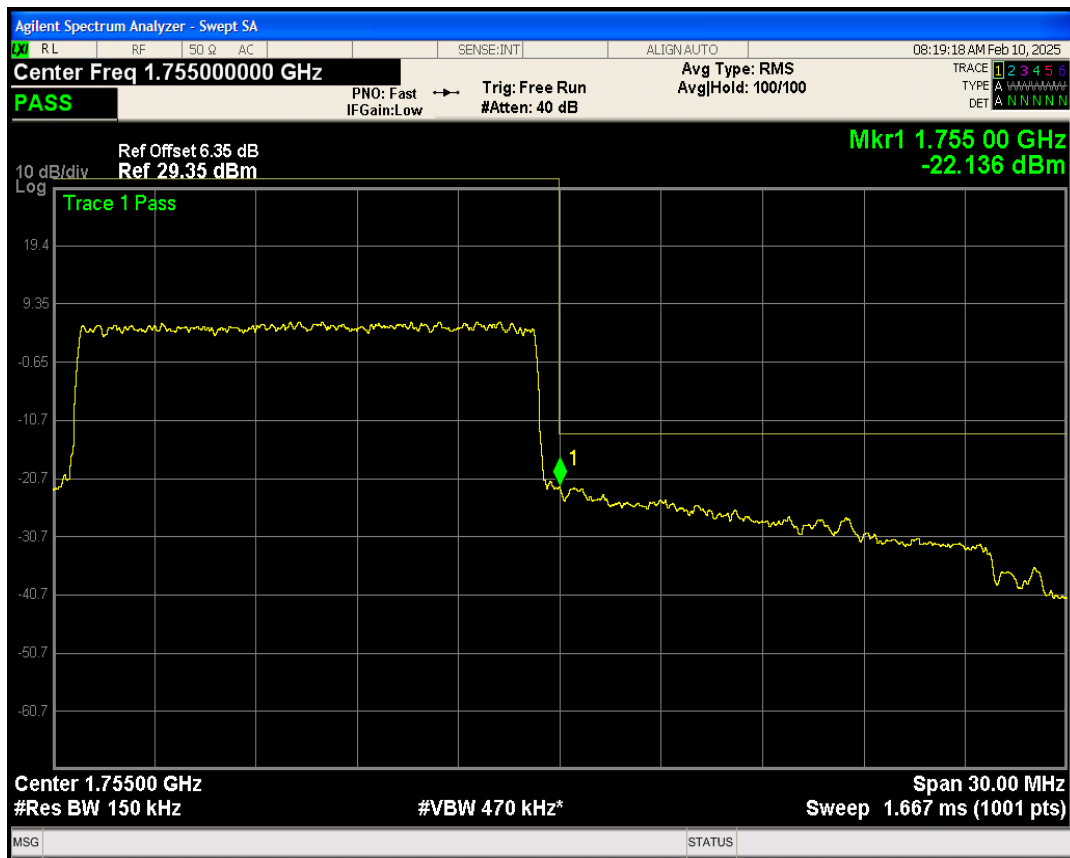


Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0

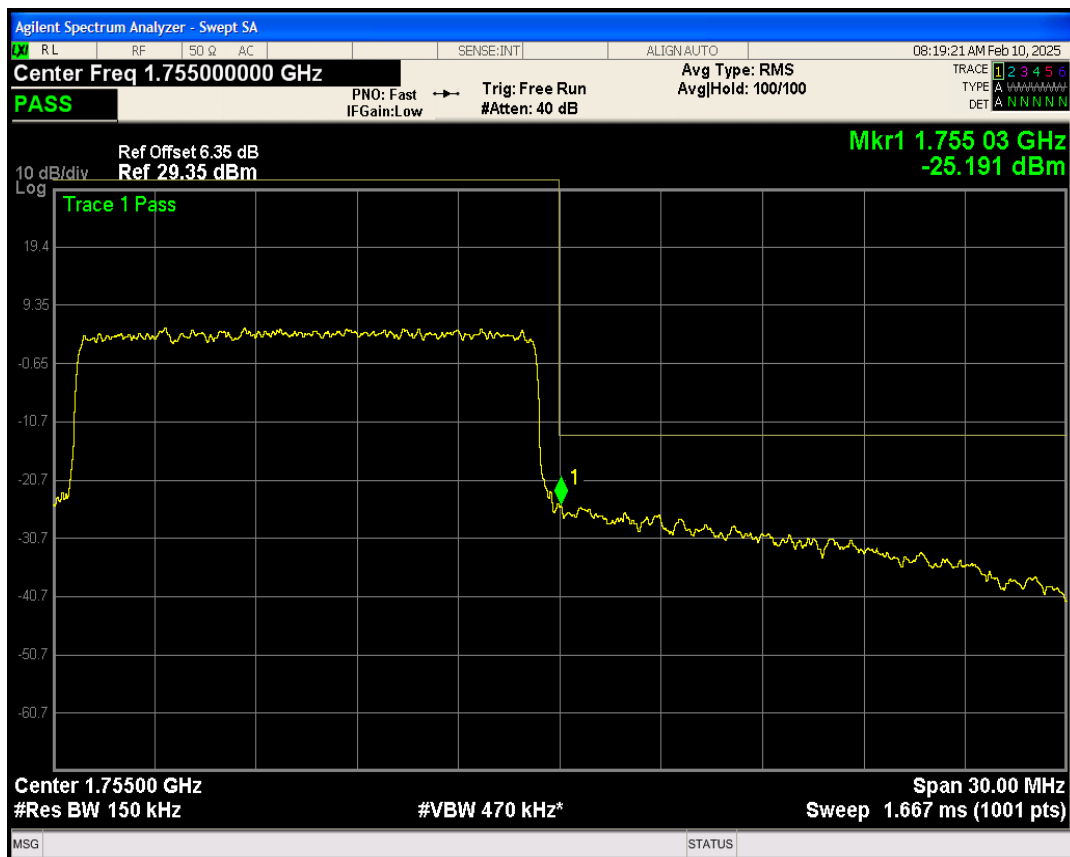




Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

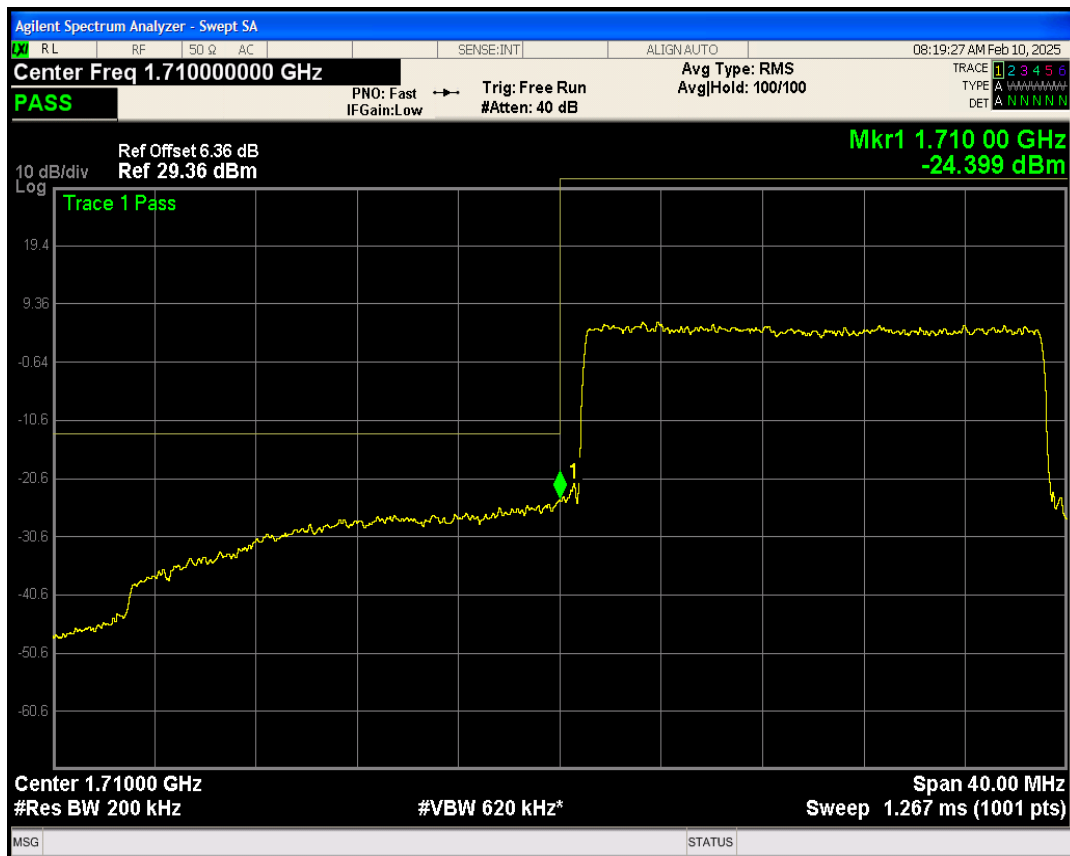


Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0

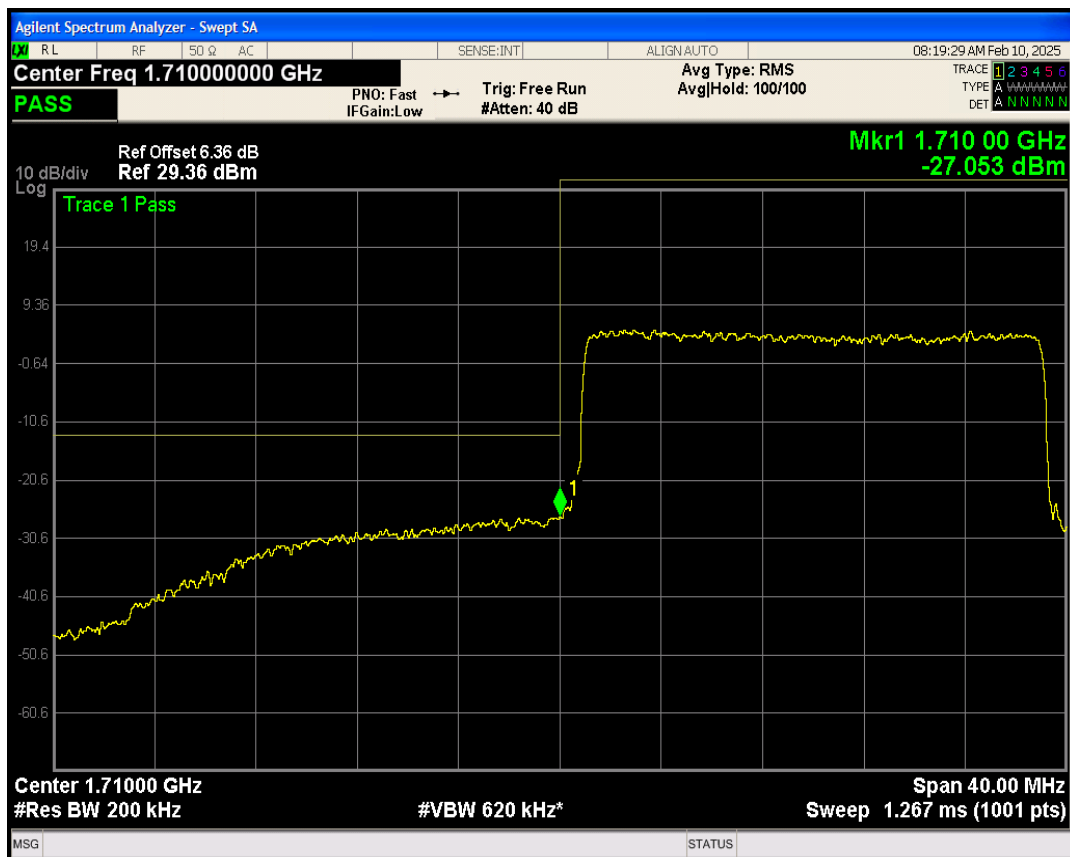




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

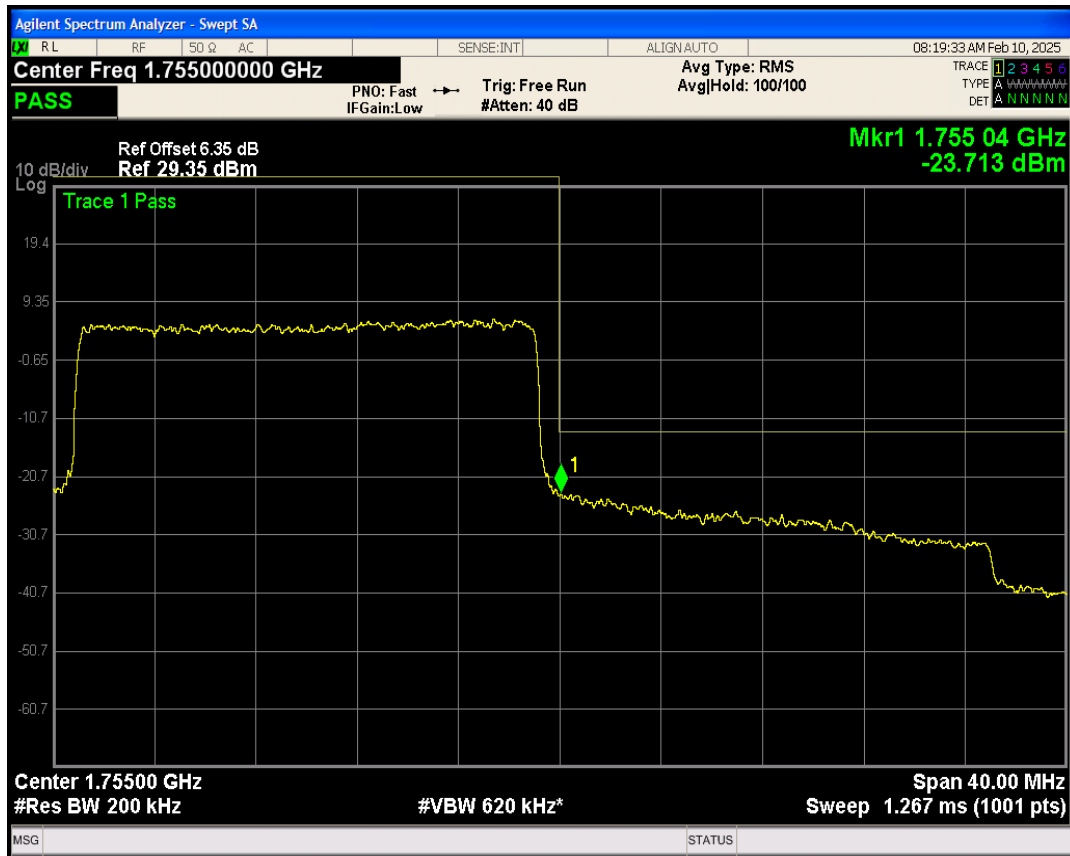


Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0

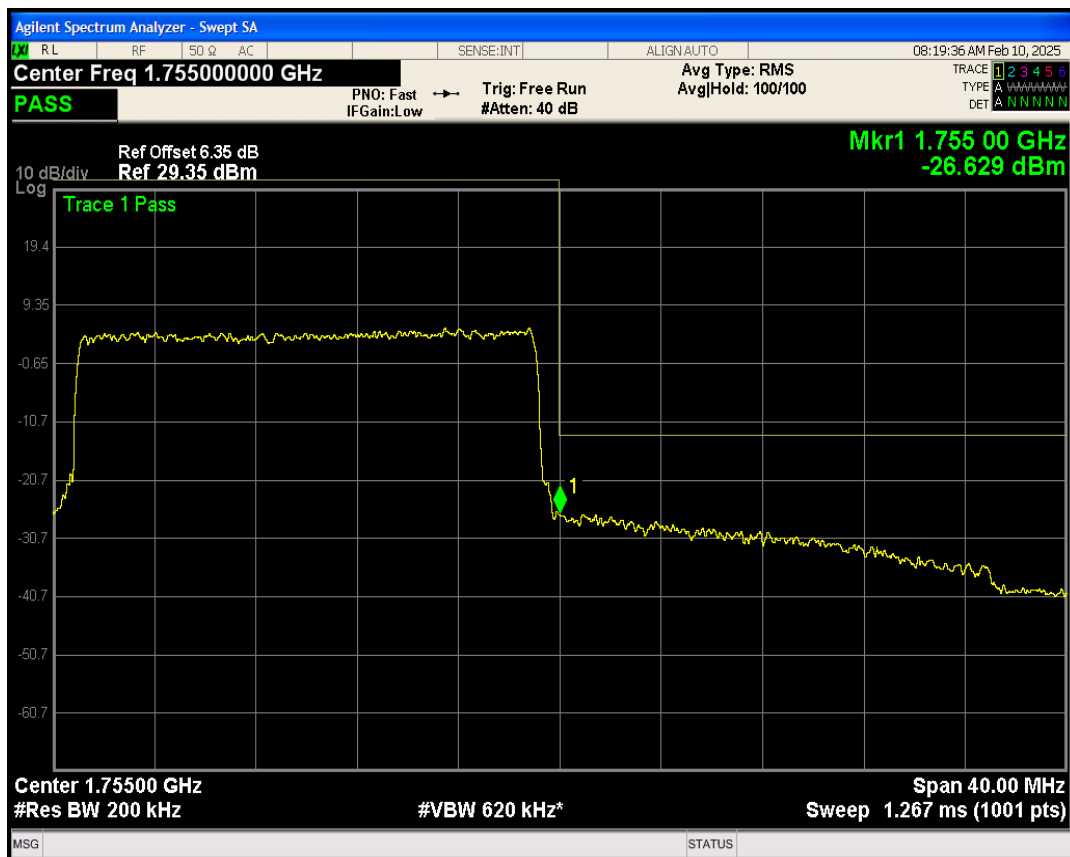




Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

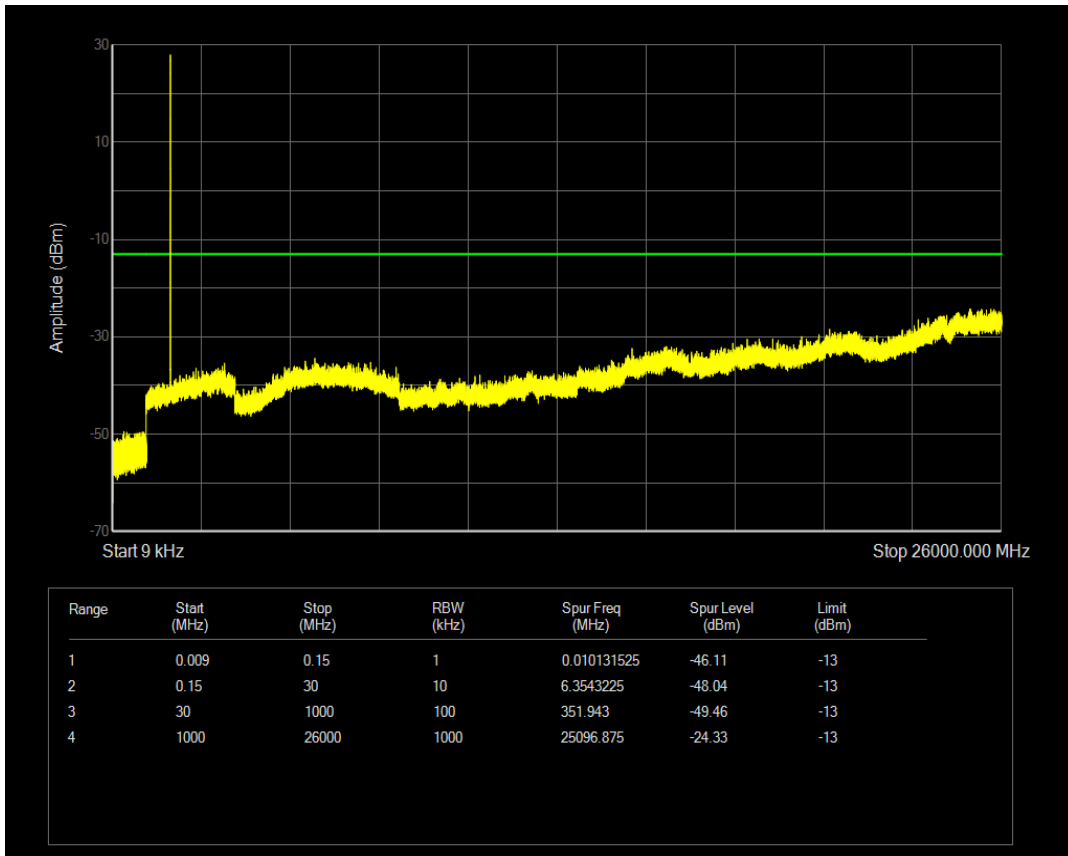


Appendix 6. Out-of-band emissions

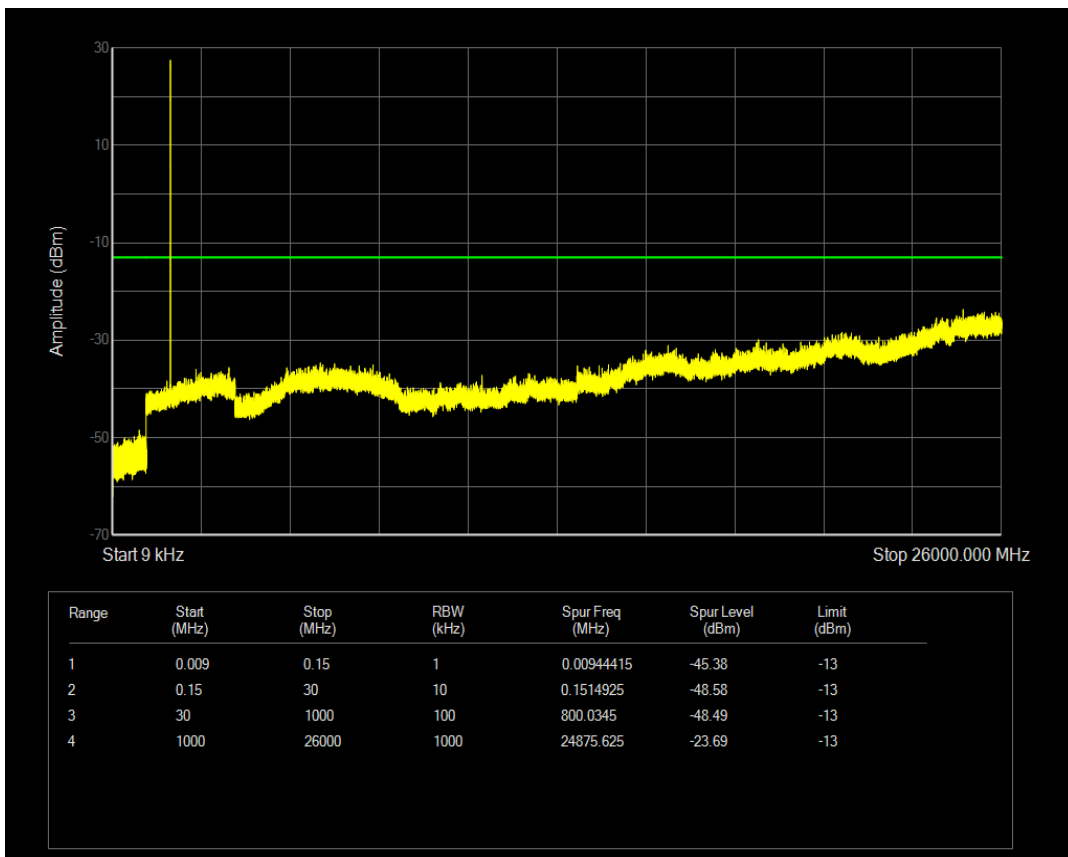
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	25096.88	-24.33	-13	PASS
Band4	1.4	19957	6	#0	16QAM	24875.63	-23.69	-13	PASS
Band4	1.4	20175	6	#0	QPSK	25805.63	-23.98	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25771.88	-23.78	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25111.88	-23.78	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25405.63	-23.62	-13	PASS
Band4	3	19965	15	#0	QPSK	25999.38	-24.08	-13	PASS
Band4	3	19965	15	#0	16QAM	25638.13	-23.61	-13	PASS
Band4	3	20175	15	#0	QPSK	25435.00	-23.64	-13	PASS
Band4	3	20175	15	#0	16QAM	25943.13	-23.94	-13	PASS
Band4	3	20385	15	#0	QPSK	25357.50	-23.73	-13	PASS
Band4	3	20385	15	#0	16QAM	25501.25	-23.34	-13	PASS
Band4	5	19975	25	#0	QPSK	25785.00	-23.33	-13	PASS
Band4	5	19975	25	#0	16QAM	25772.50	-23.28	-13	PASS
Band4	5	20175	25	#0	QPSK	25830.63	-23.55	-13	PASS
Band4	5	20175	25	#0	16QAM	25723.75	-23.65	-13	PASS
Band4	5	20375	25	#0	QPSK	25091.88	-23.95	-13	PASS
Band4	5	20375	25	#0	16QAM	25945.63	-23.66	-13	PASS
Band4	10	20000	50	#0	QPSK	25066.88	-23.90	-13	PASS
Band4	10	20000	50	#0	16QAM	25100.00	-23.72	-13	PASS
Band4	10	20175	50	#0	QPSK	25132.50	-24.06	-13	PASS
Band4	10	20175	50	#0	16QAM	24711.88	-23.54	-13	PASS
Band4	10	20350	50	#0	QPSK	25358.75	-23.99	-13	PASS
Band4	10	20350	50	#0	16QAM	25510.63	-23.51	-13	PASS
Band4	15	20025	75	#0	QPSK	25735.63	-23.85	-13	PASS
Band4	15	20025	75	#0	16QAM	25891.25	-23.62	-13	PASS
Band4	15	20175	75	#0	QPSK	25701.88	-23.66	-13	PASS
Band4	15	20175	75	#0	16QAM	25800.00	-23.75	-13	PASS
Band4	15	20325	75	#0	QPSK	25972.50	-24.00	-13	PASS
Band4	15	20325	75	#0	16QAM	25943.13	-23.28	-13	PASS
Band4	20	20050	100	#0	QPSK	25970.63	-24.05	-13	PASS
Band4	20	20050	100	#0	16QAM	25368.75	-23.37	-13	PASS
Band4	20	20175	100	#0	QPSK	25340.00	-23.05	-13	PASS
Band4	20	20175	100	#0	16QAM	25957.50	-23.86	-13	PASS
Band4	20	20300	100	#0	QPSK	25103.13	-23.11	-13	PASS
Band4	20	20300	100	#0	16QAM	25571.88	-23.58	-13	PASS



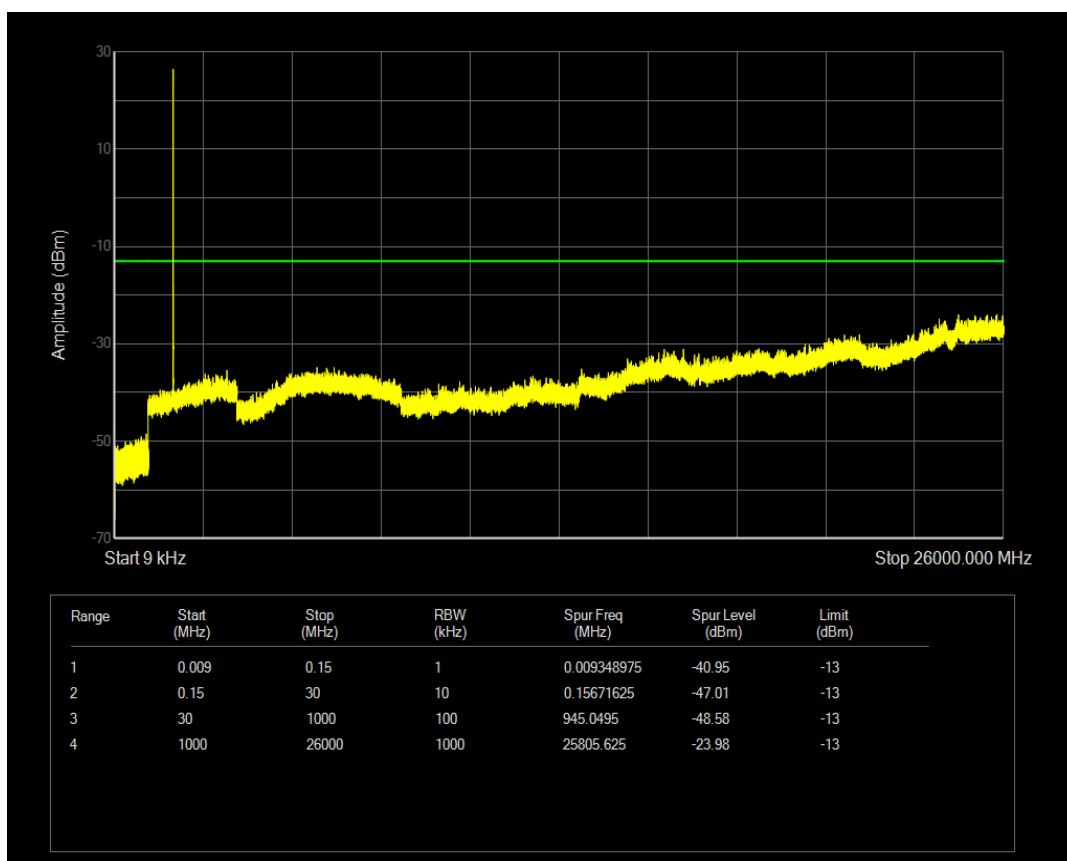
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



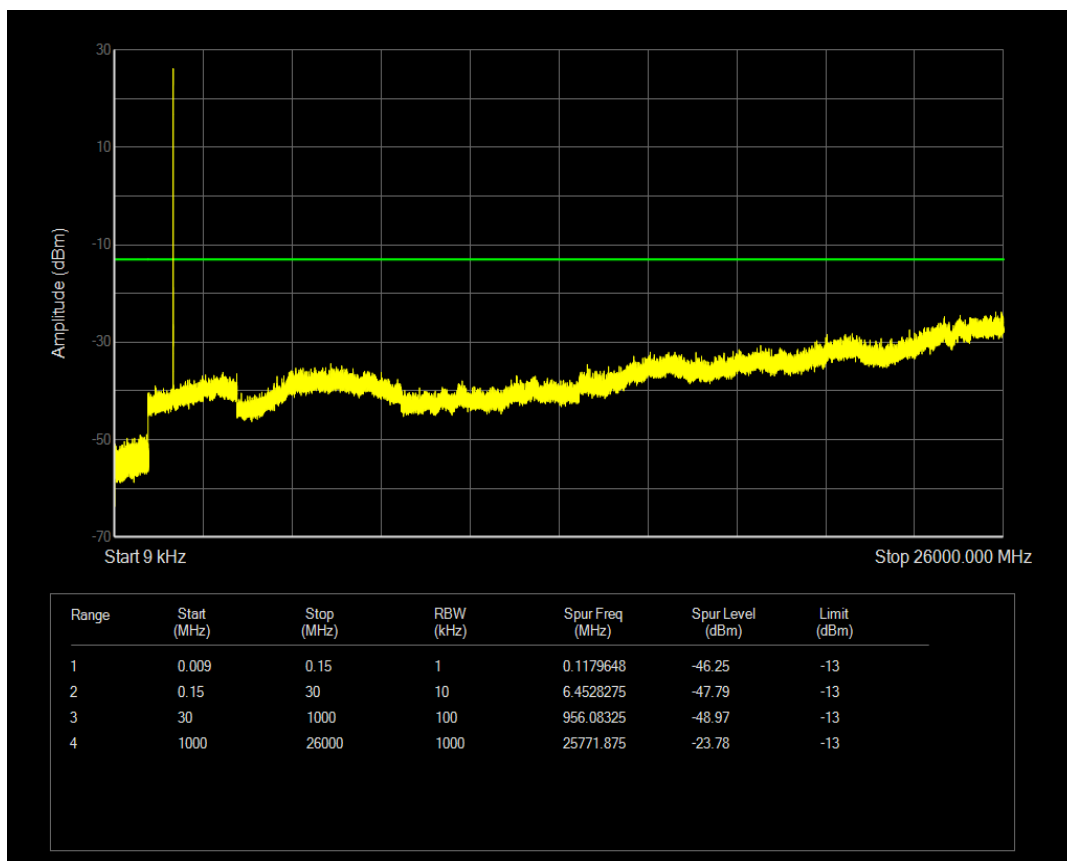
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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

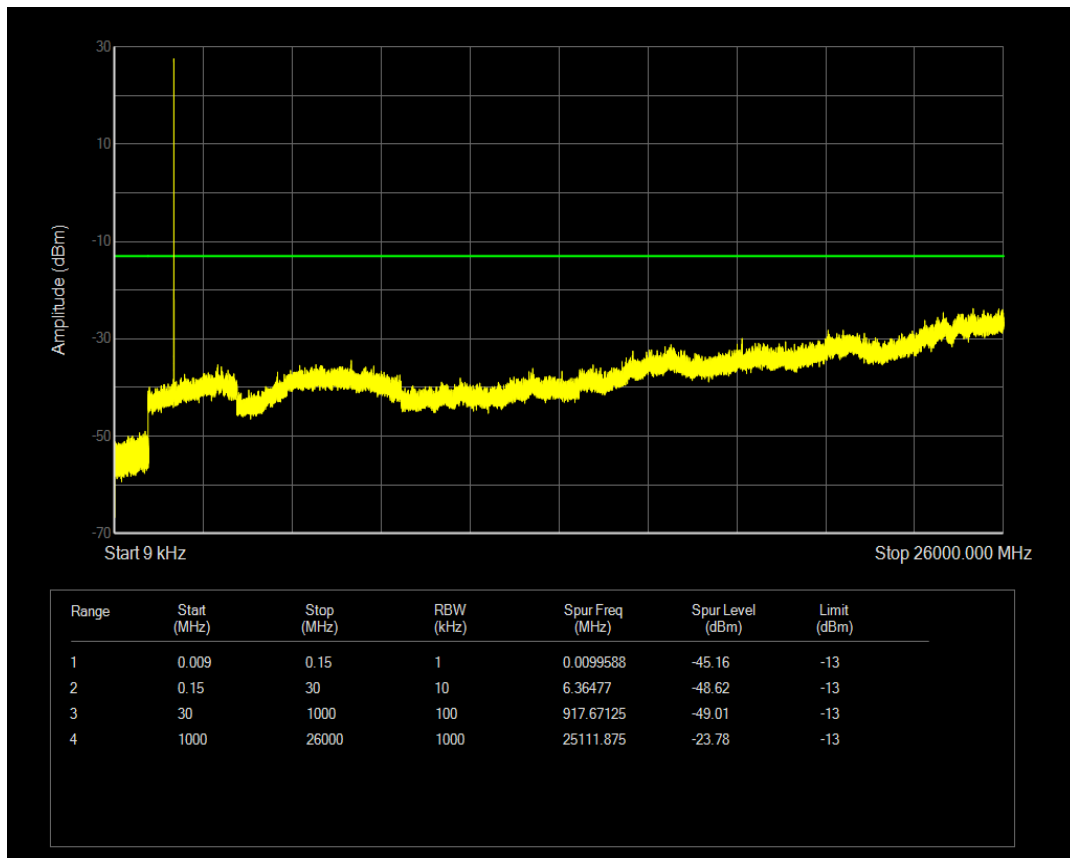


Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0

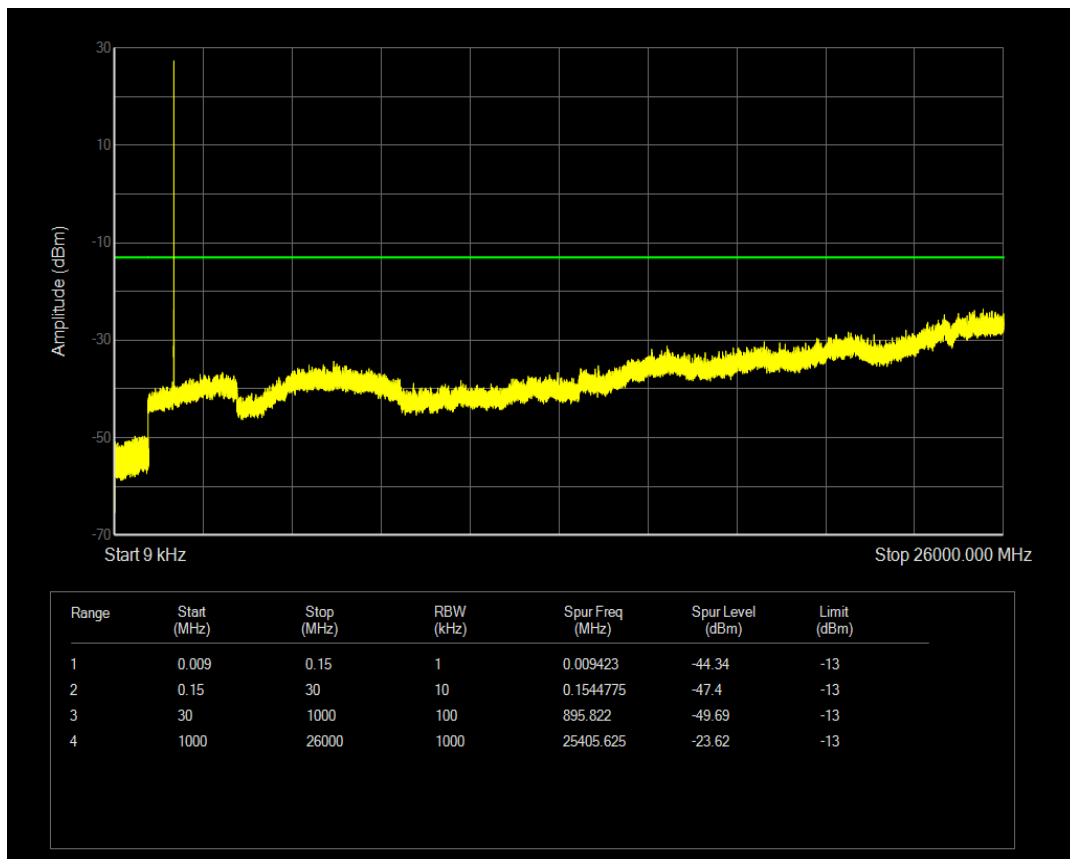




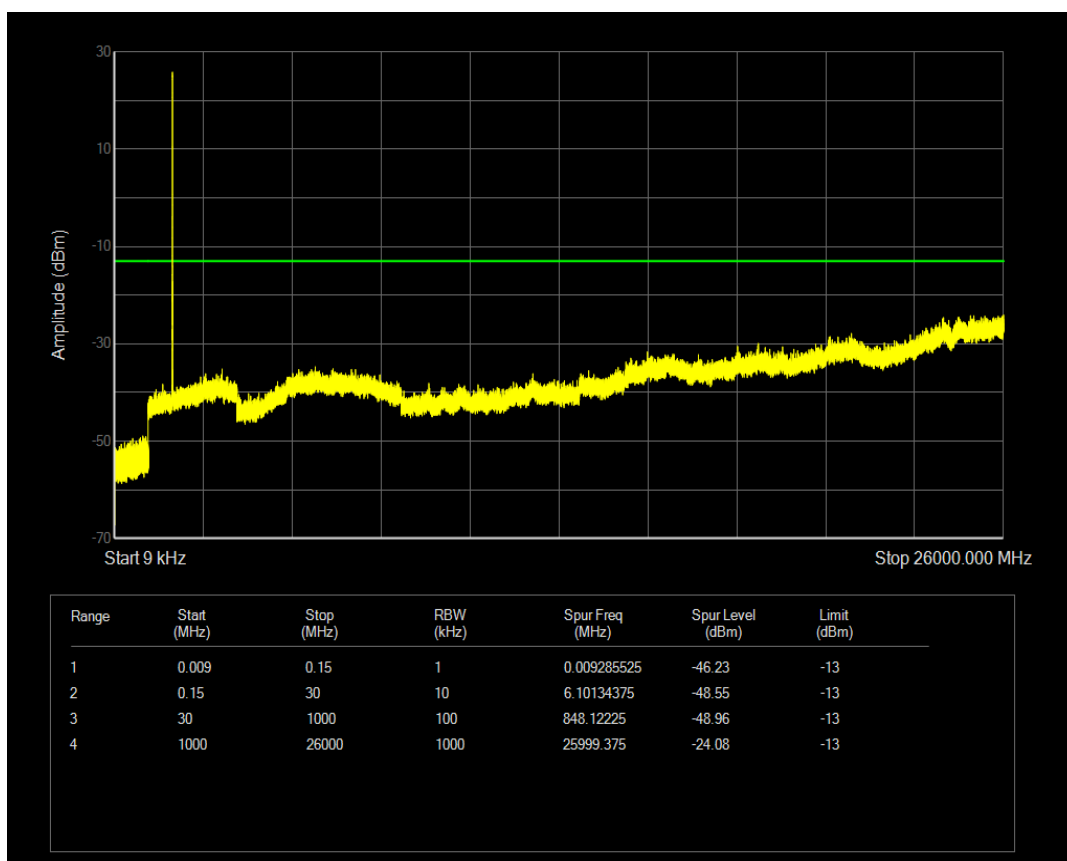
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



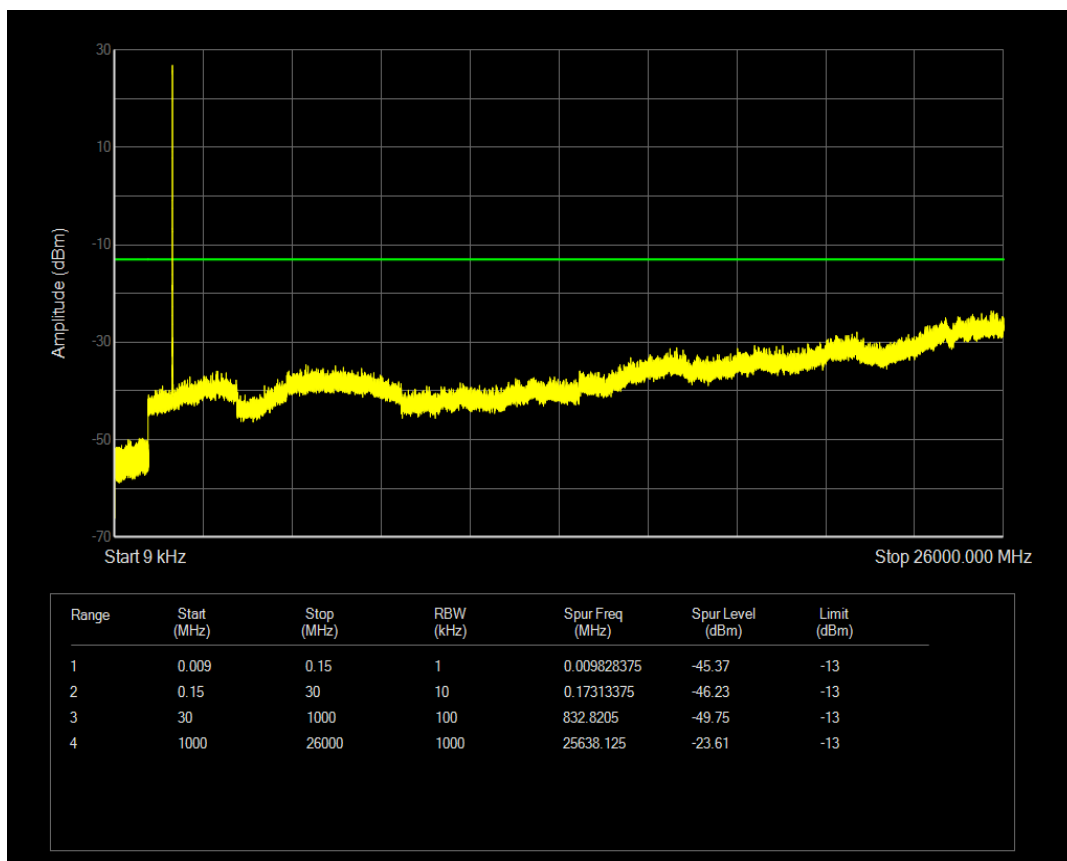
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



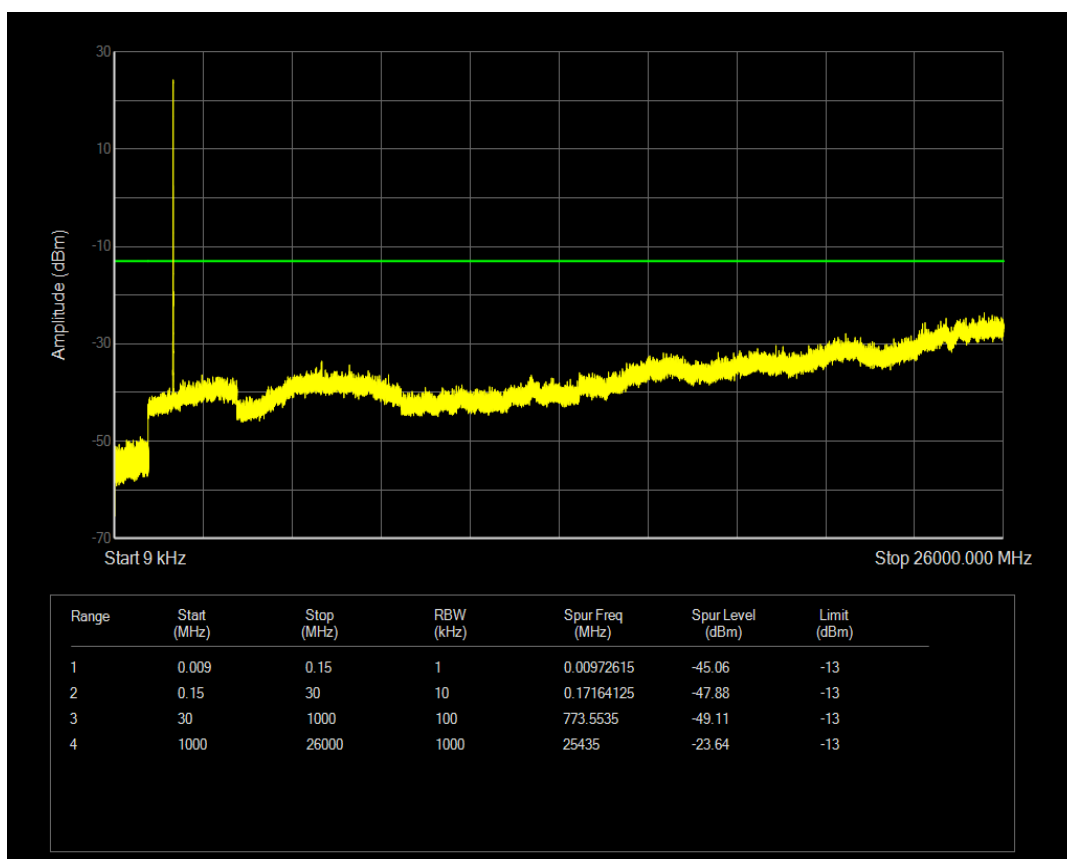
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



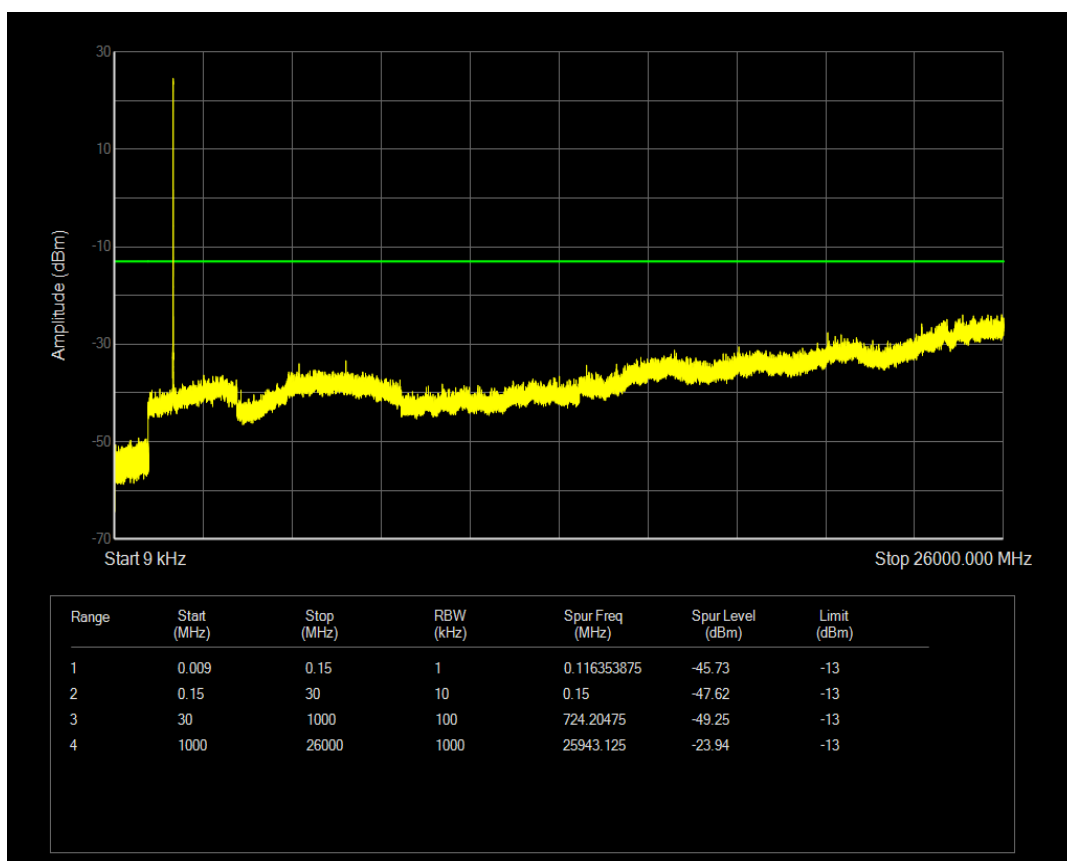
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



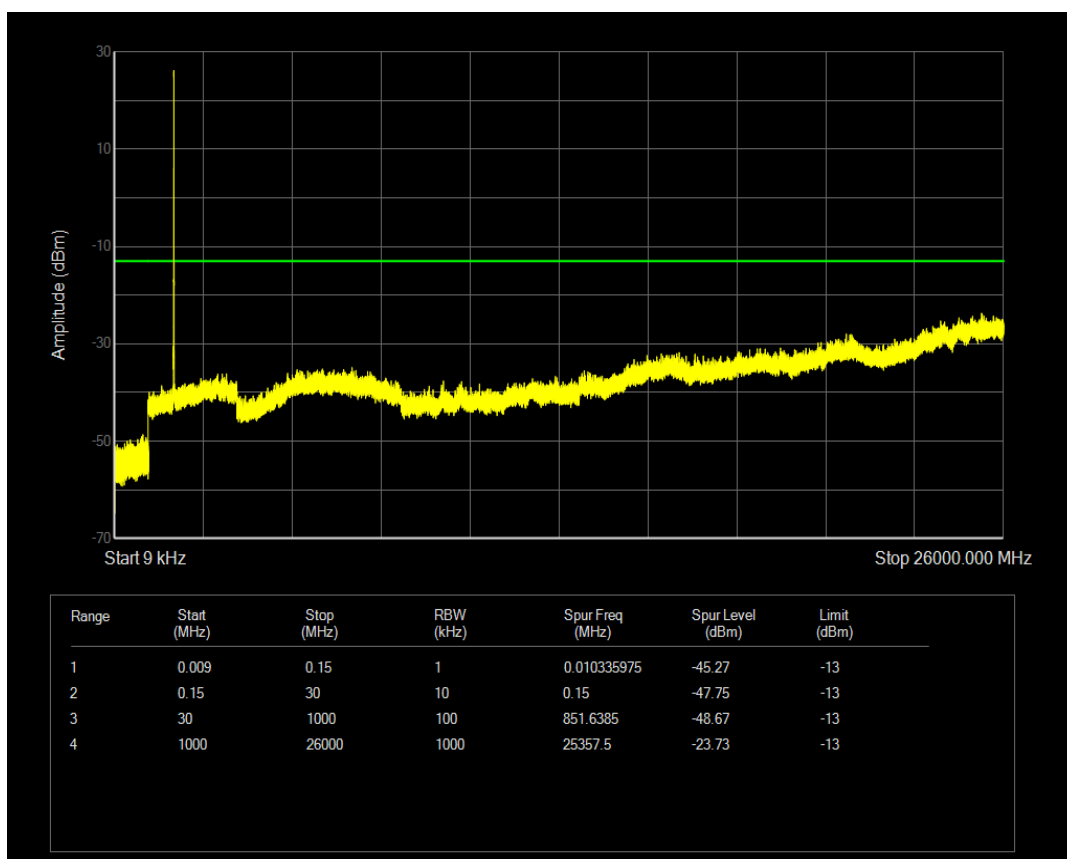
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



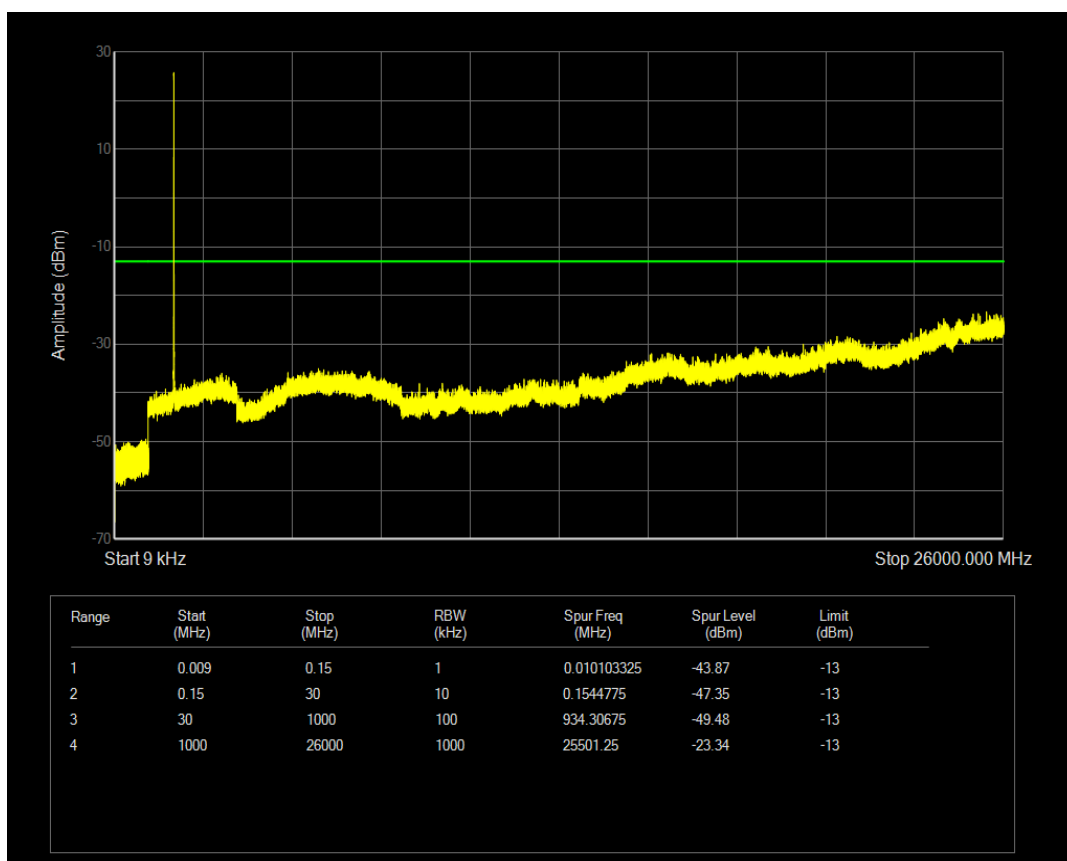
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



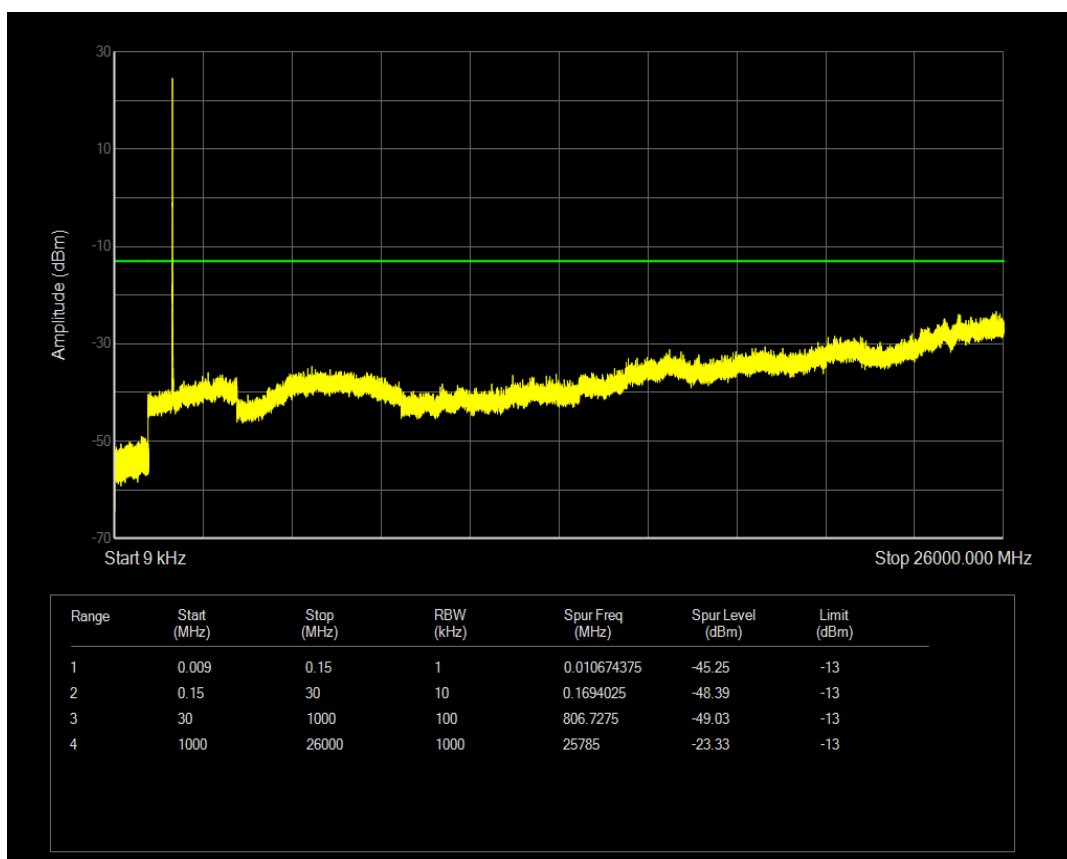
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



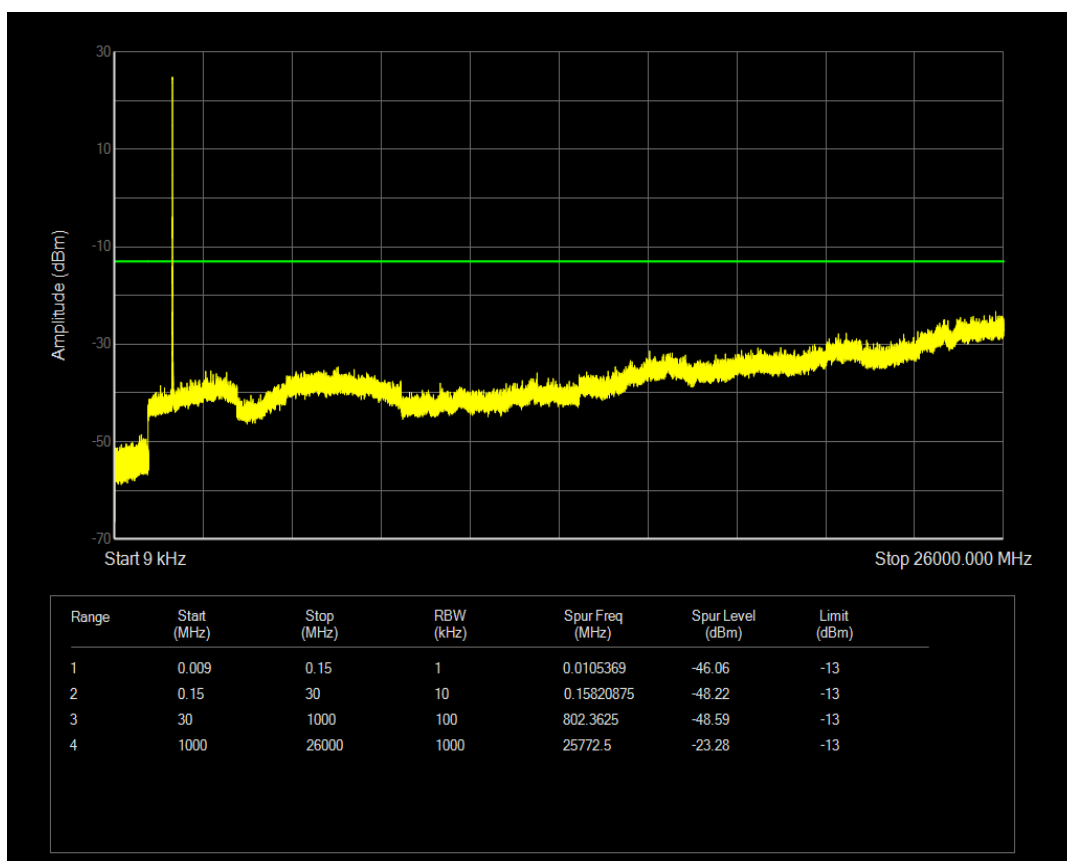
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



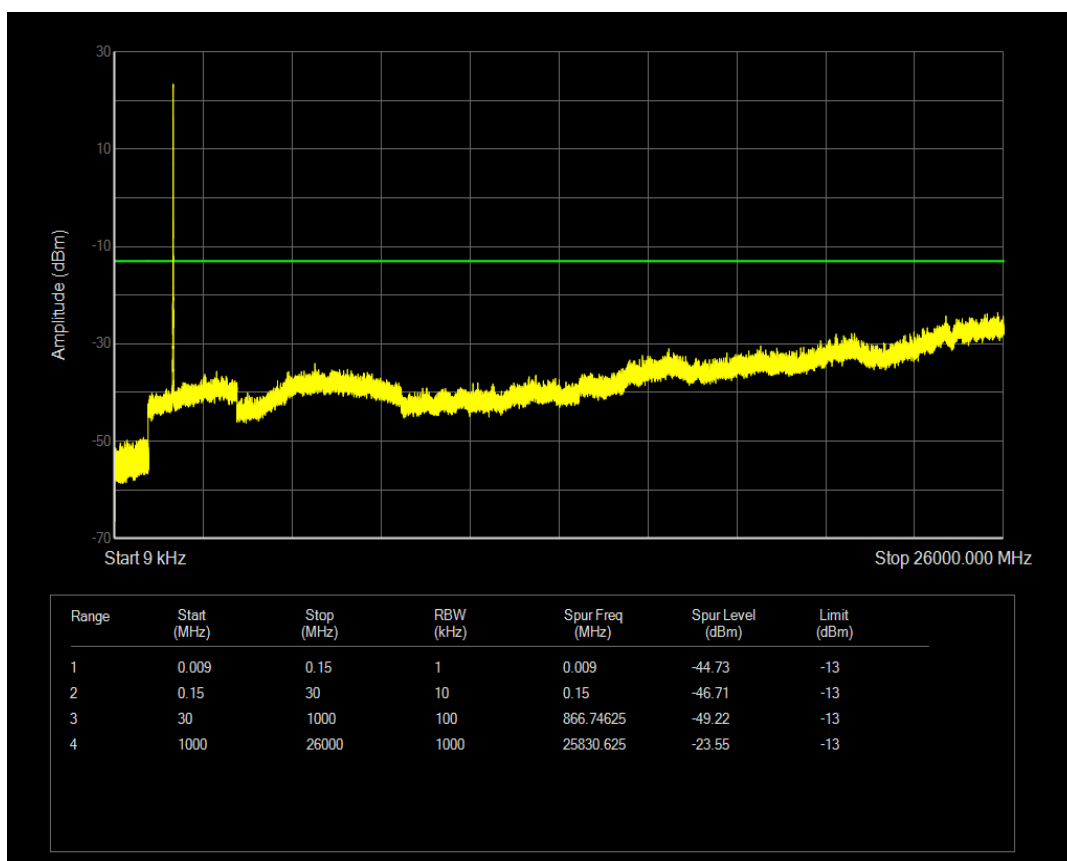
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



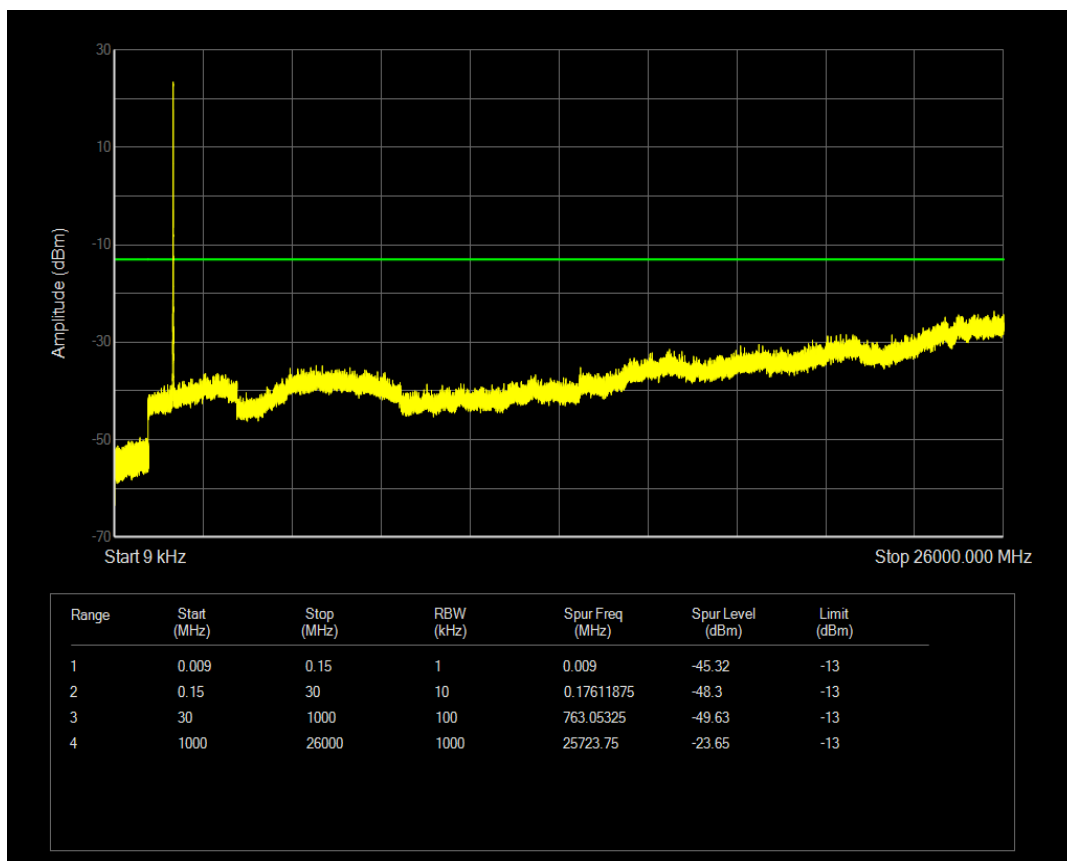
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



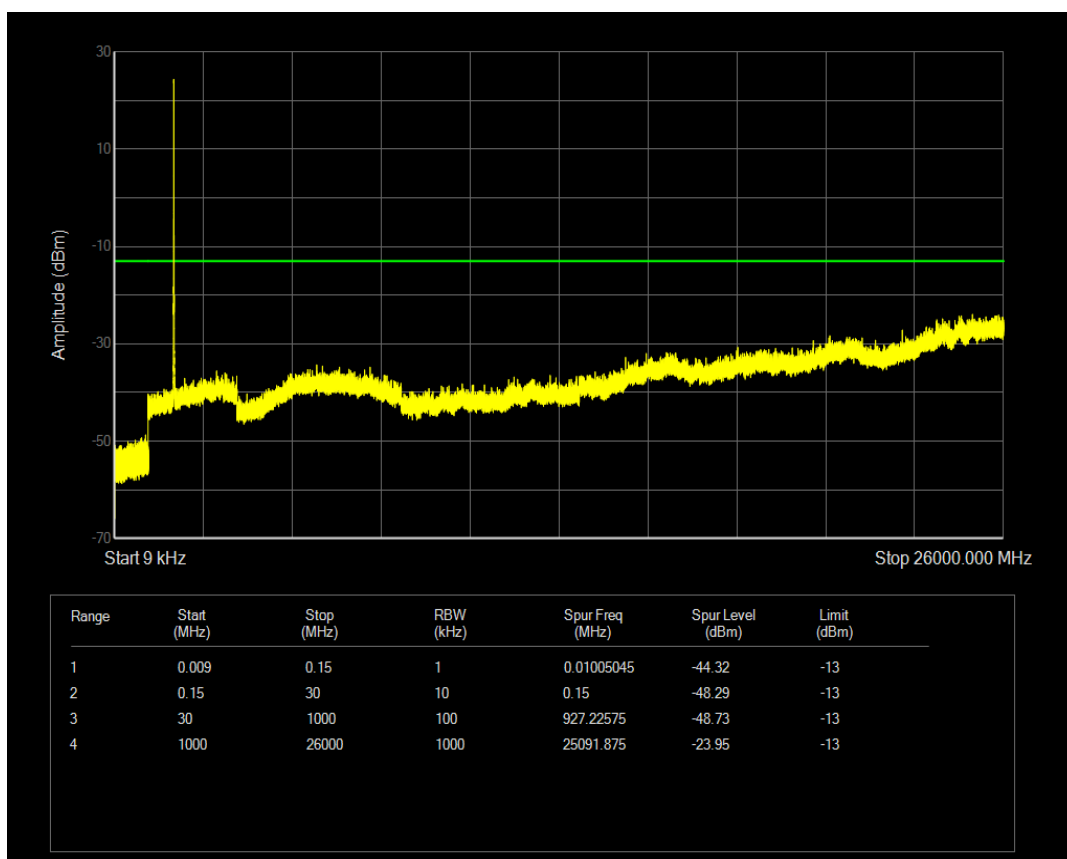
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



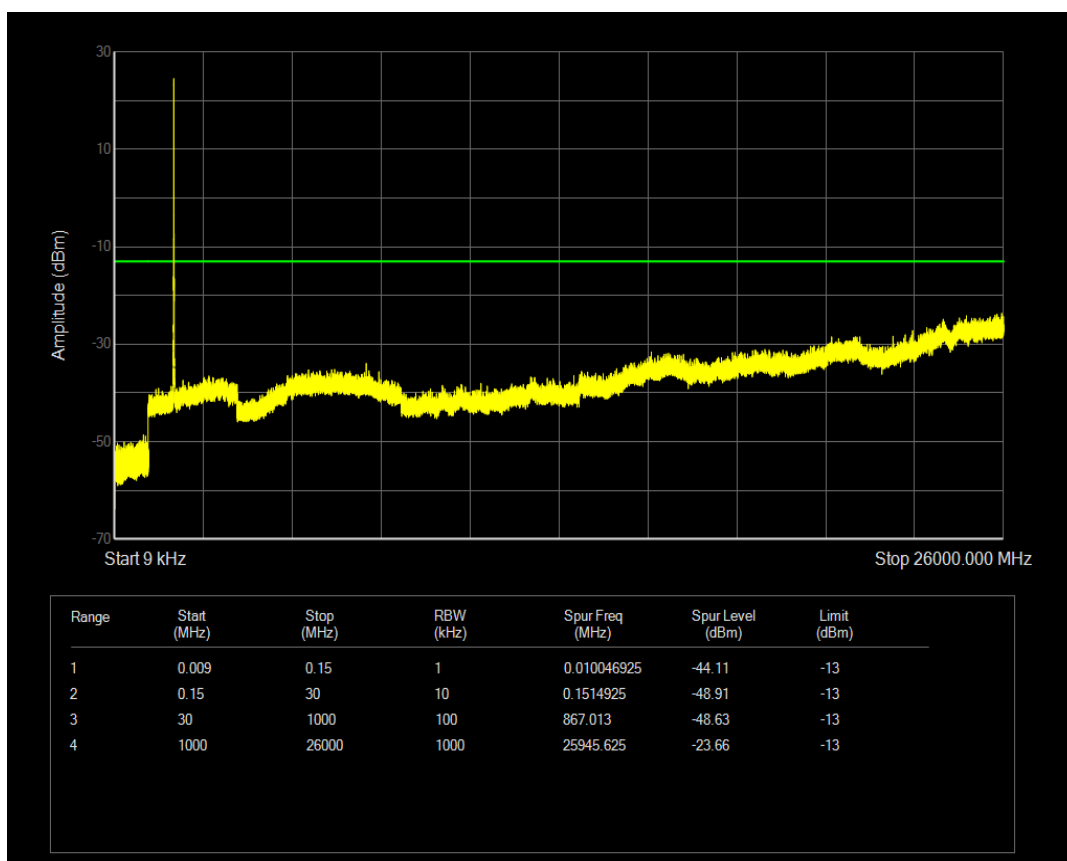
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



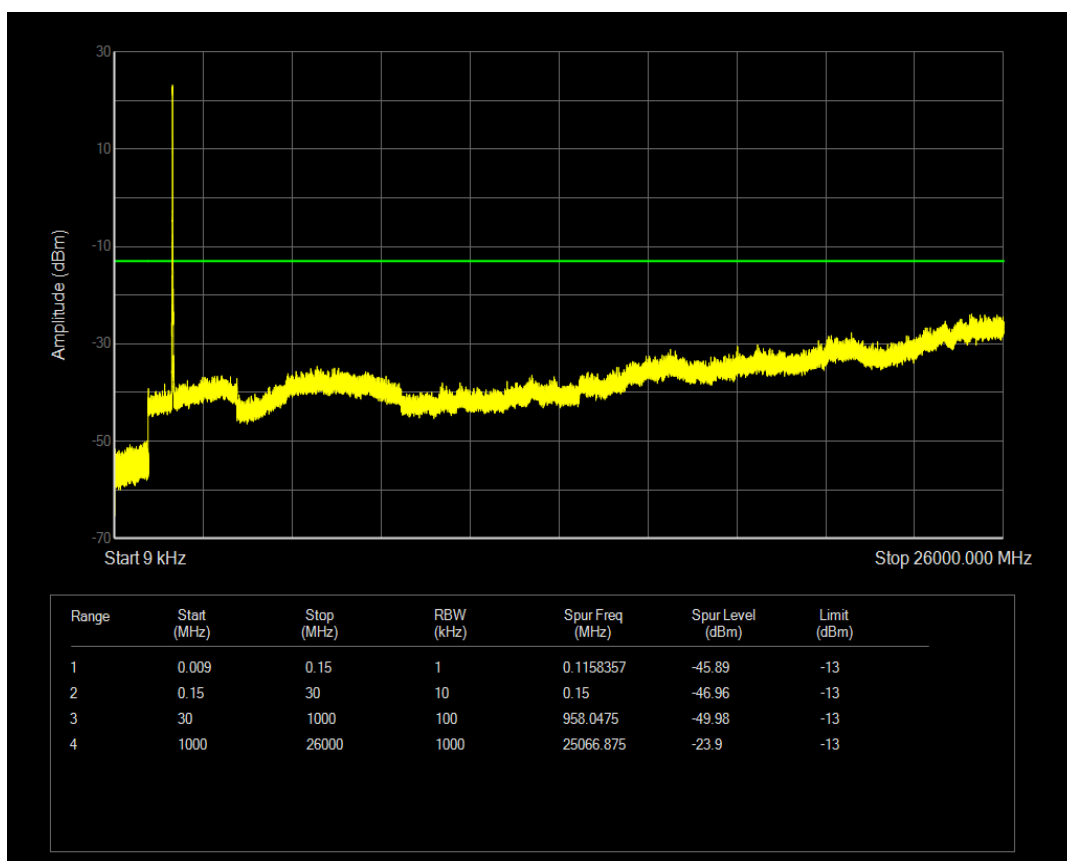
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



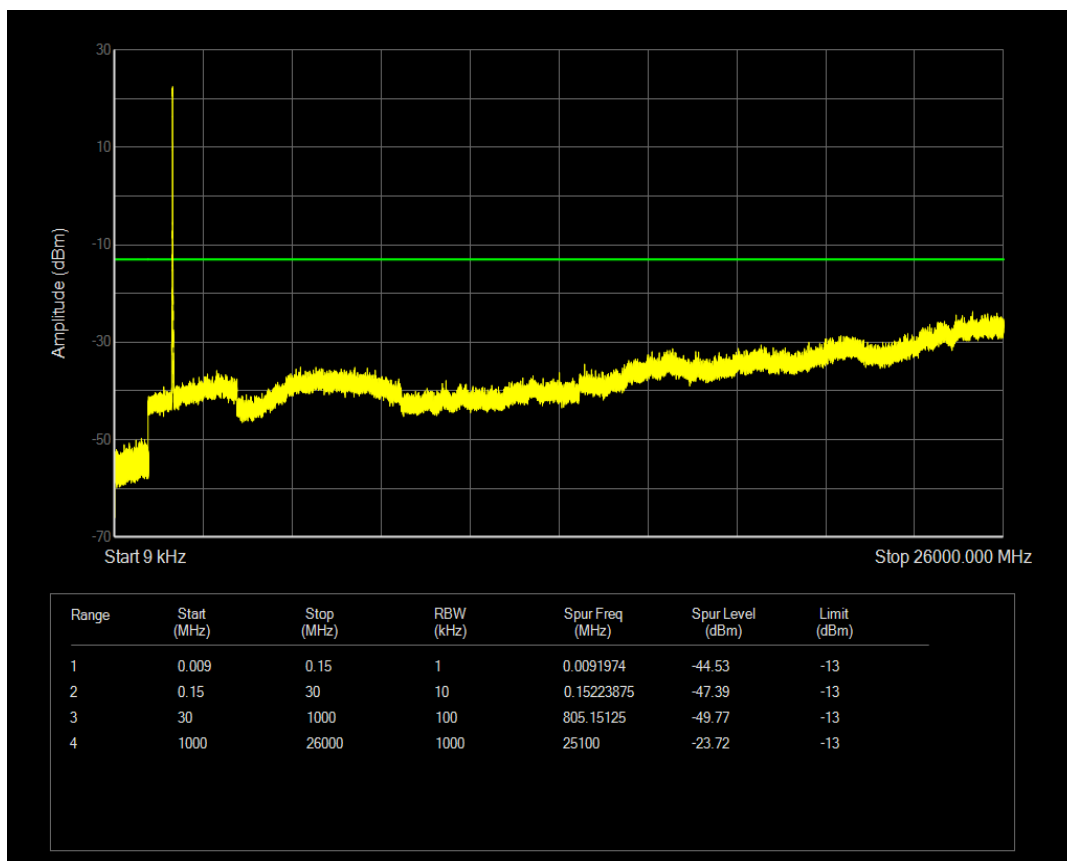
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



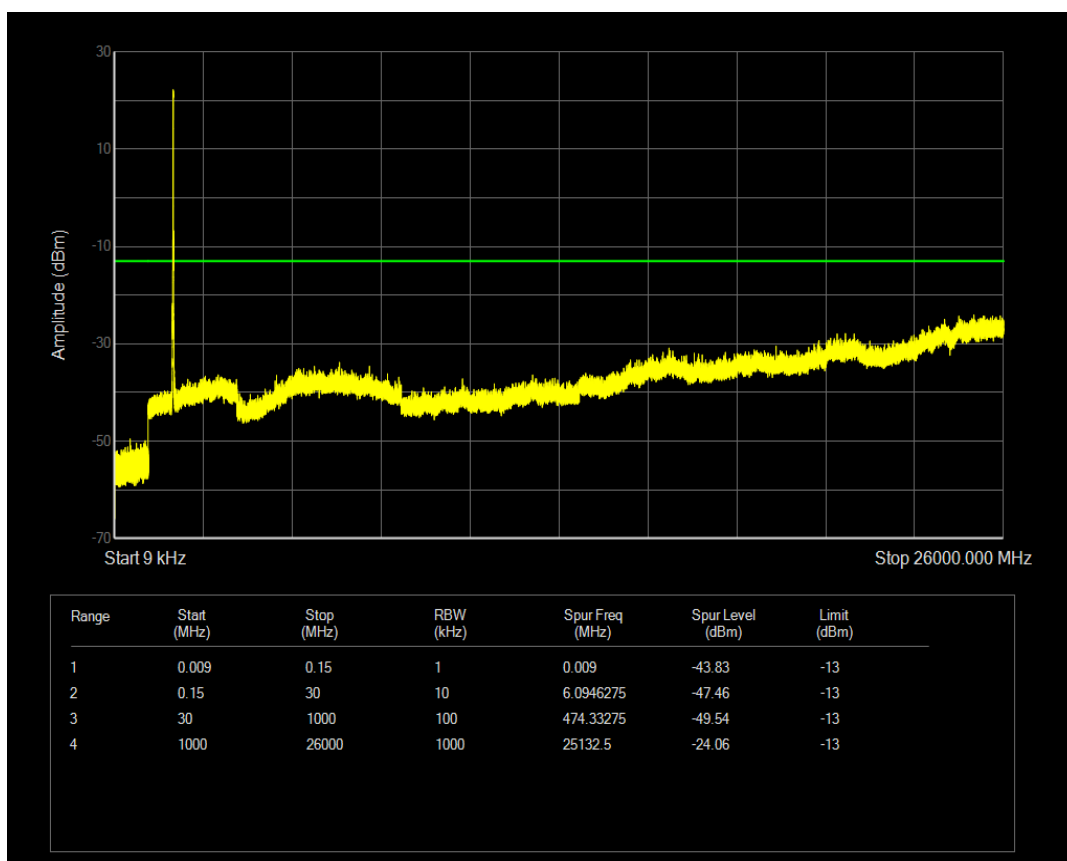
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



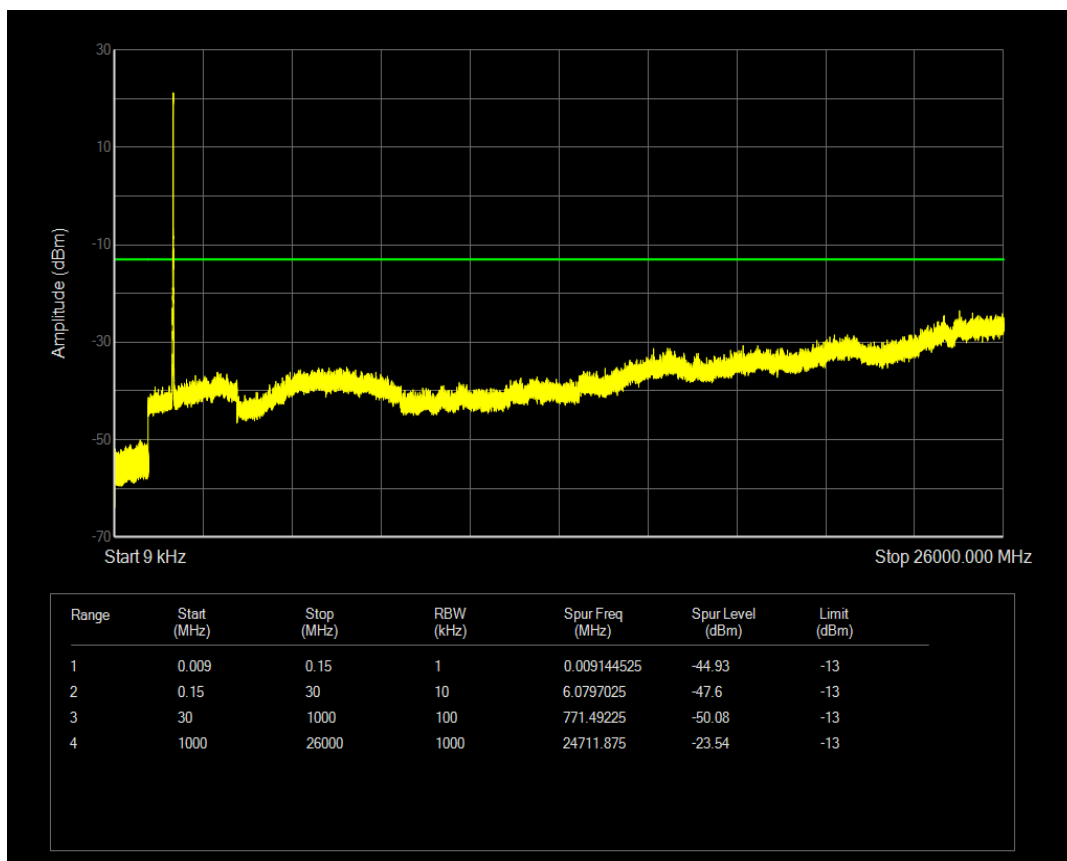
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



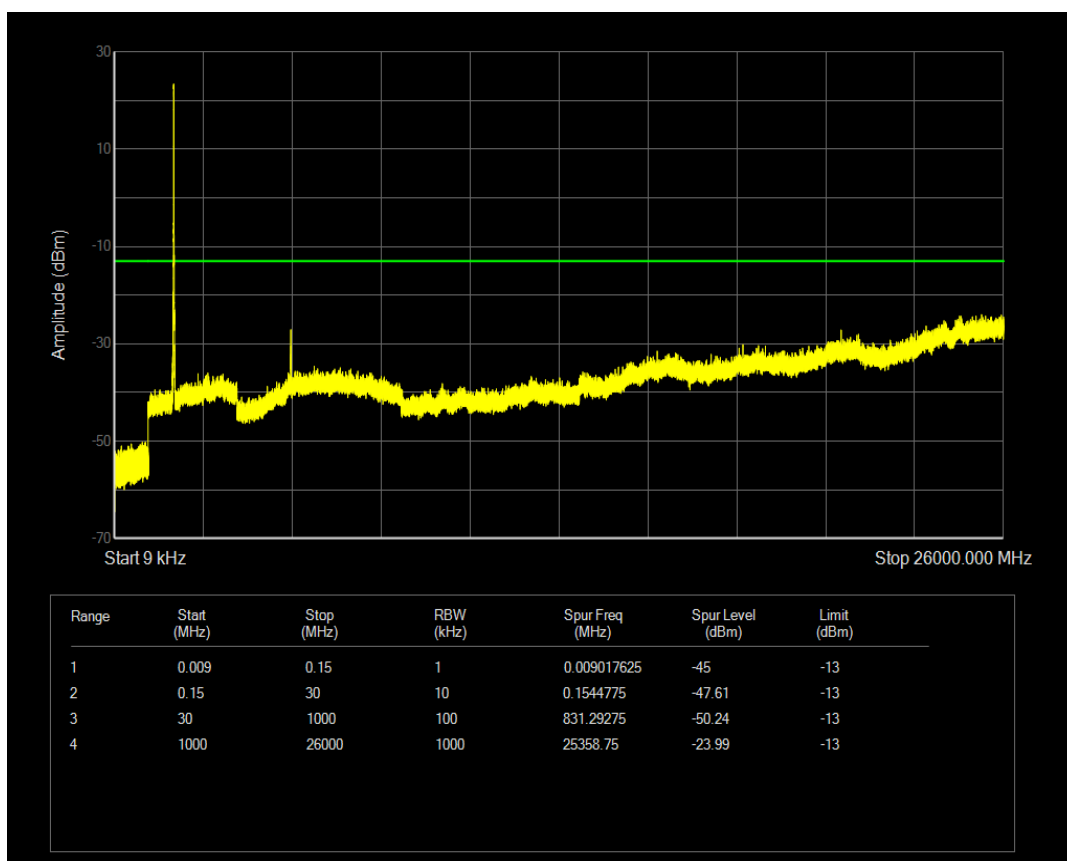
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



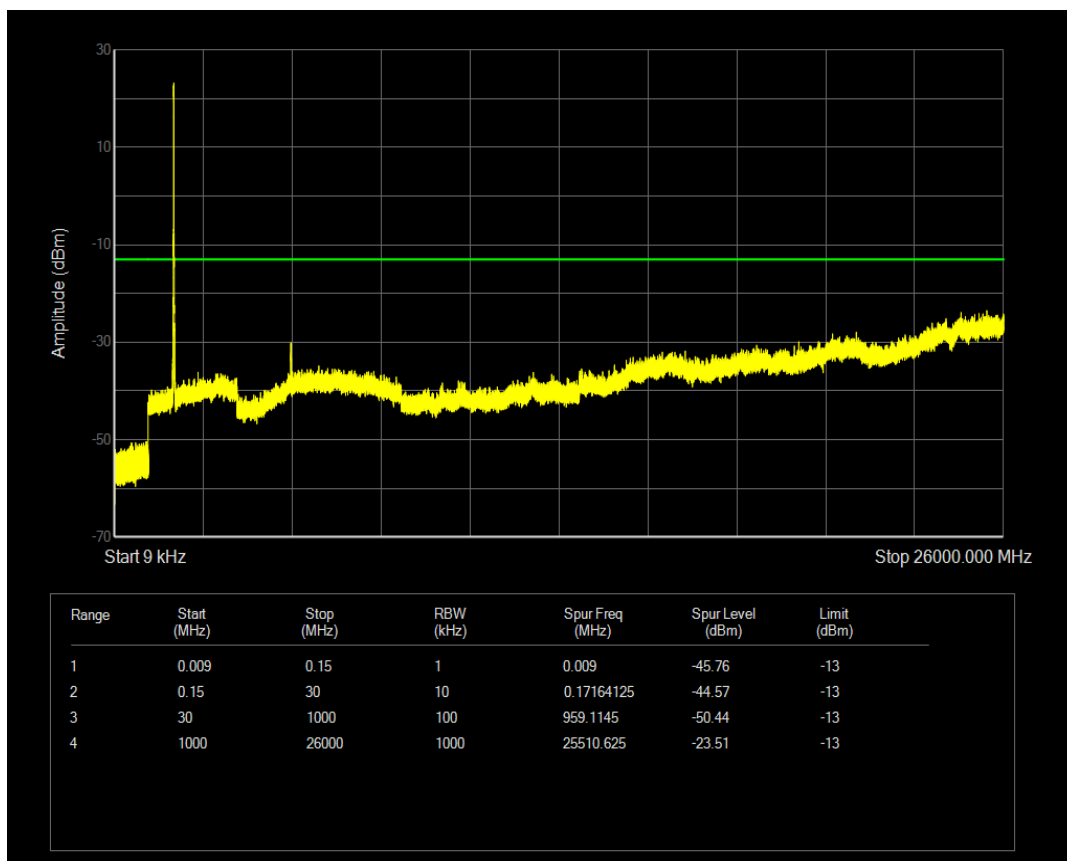
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



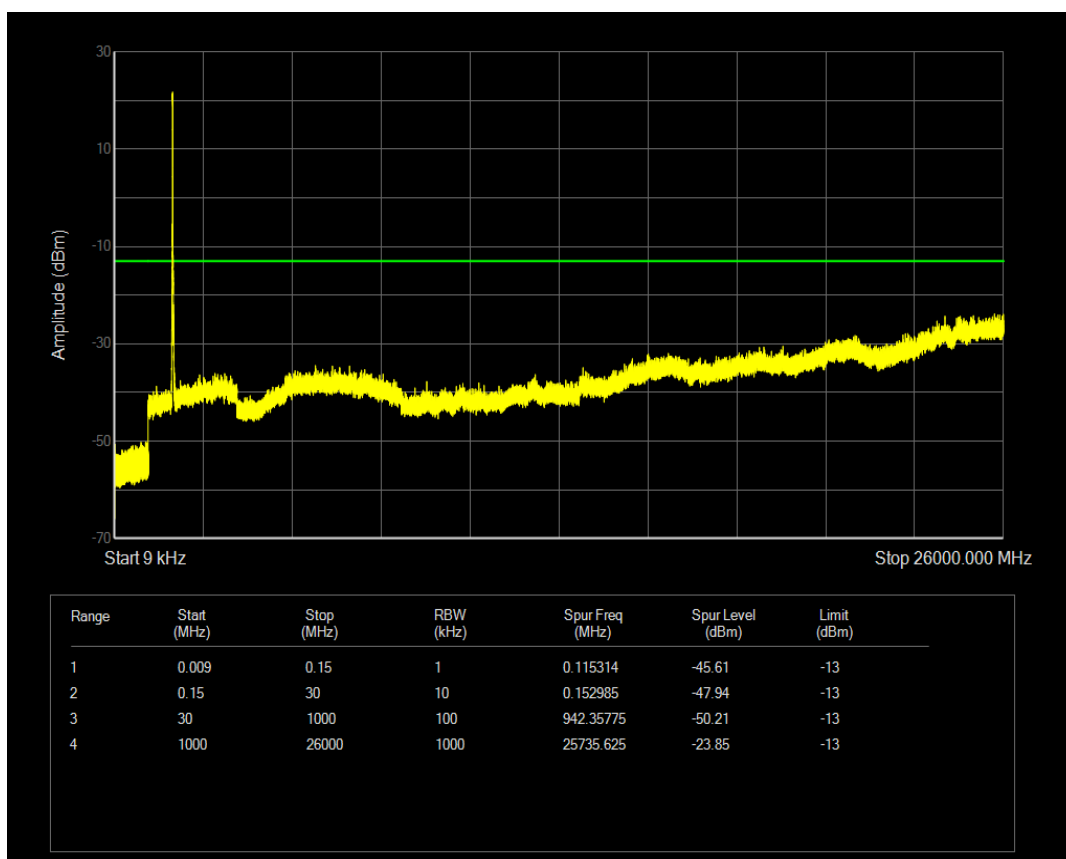
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



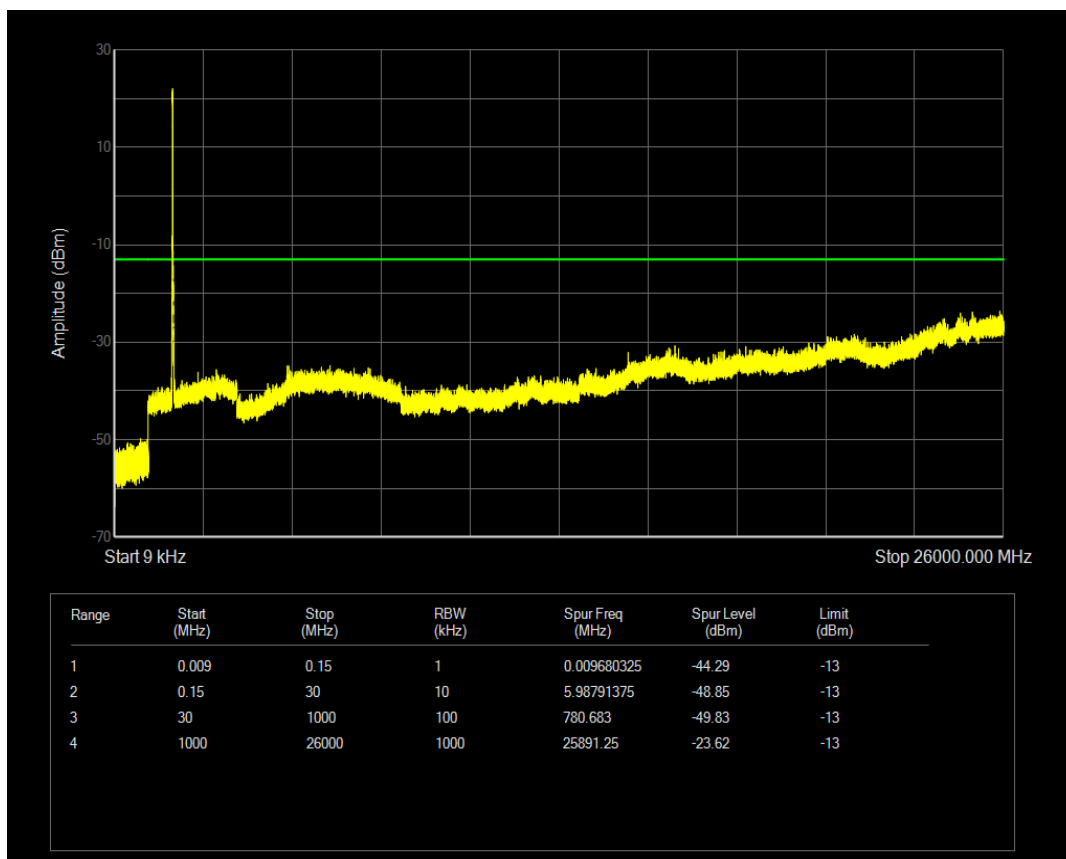
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



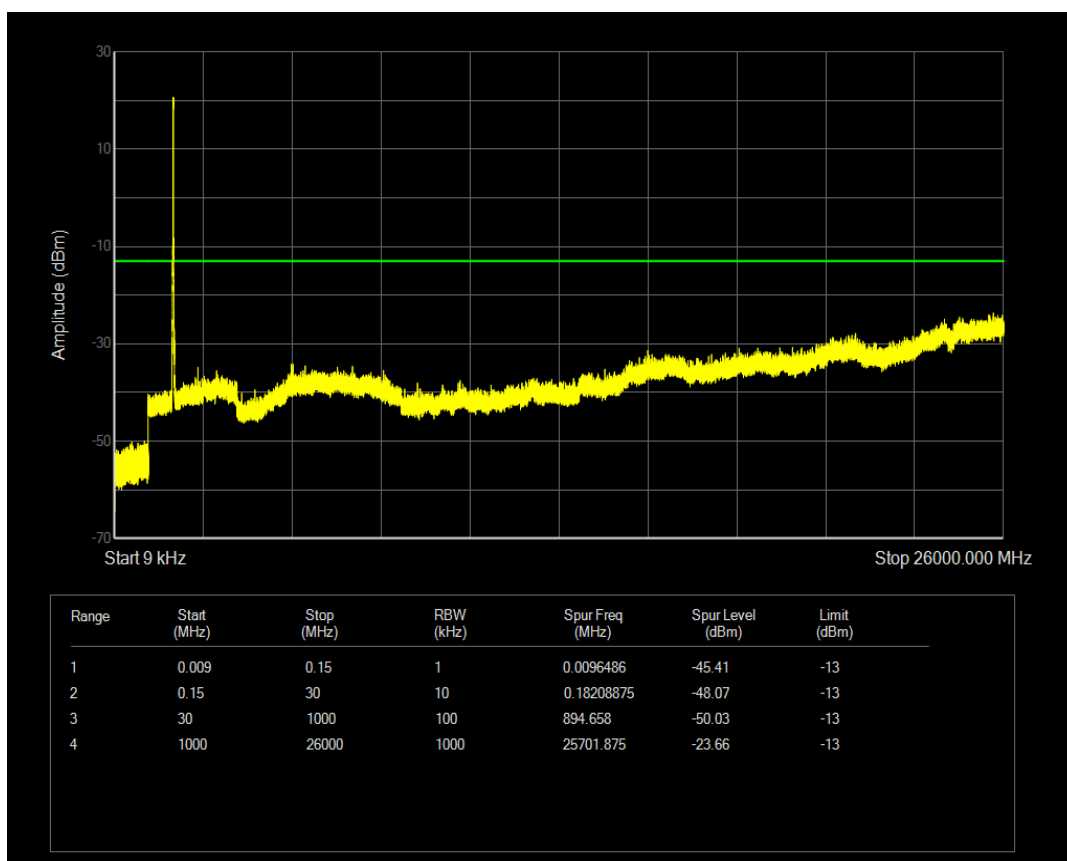
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



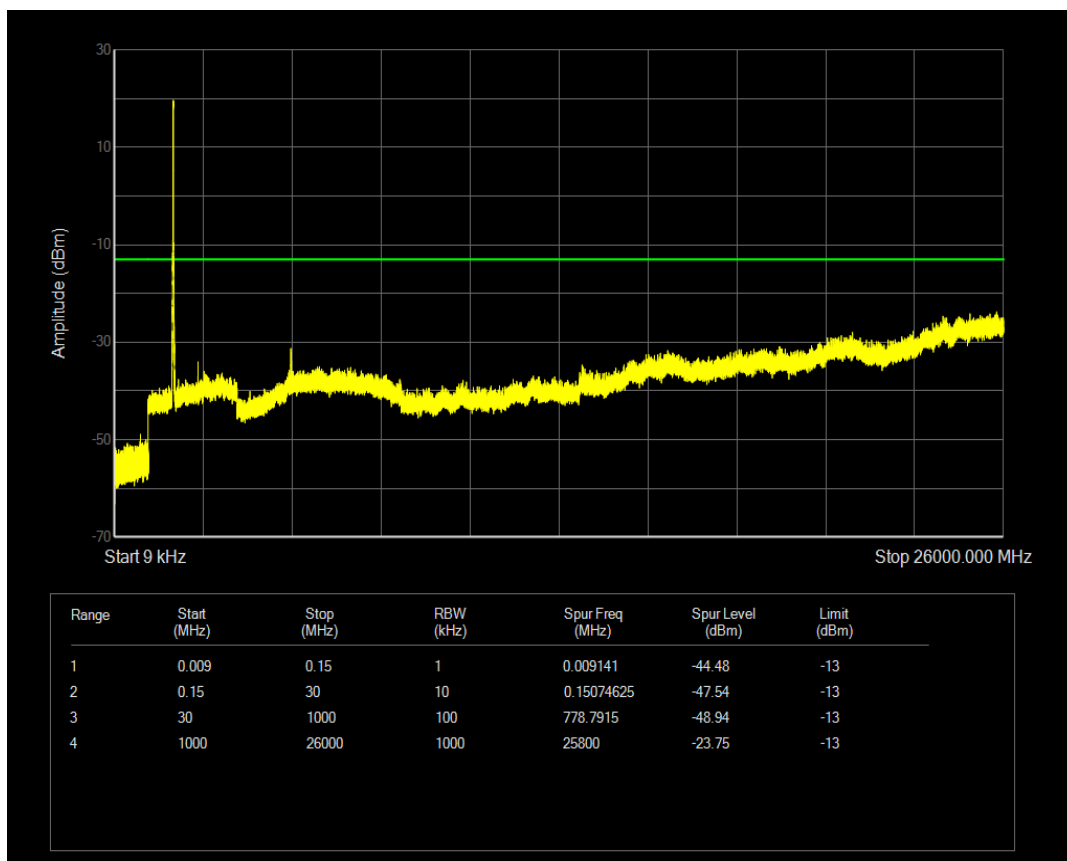
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



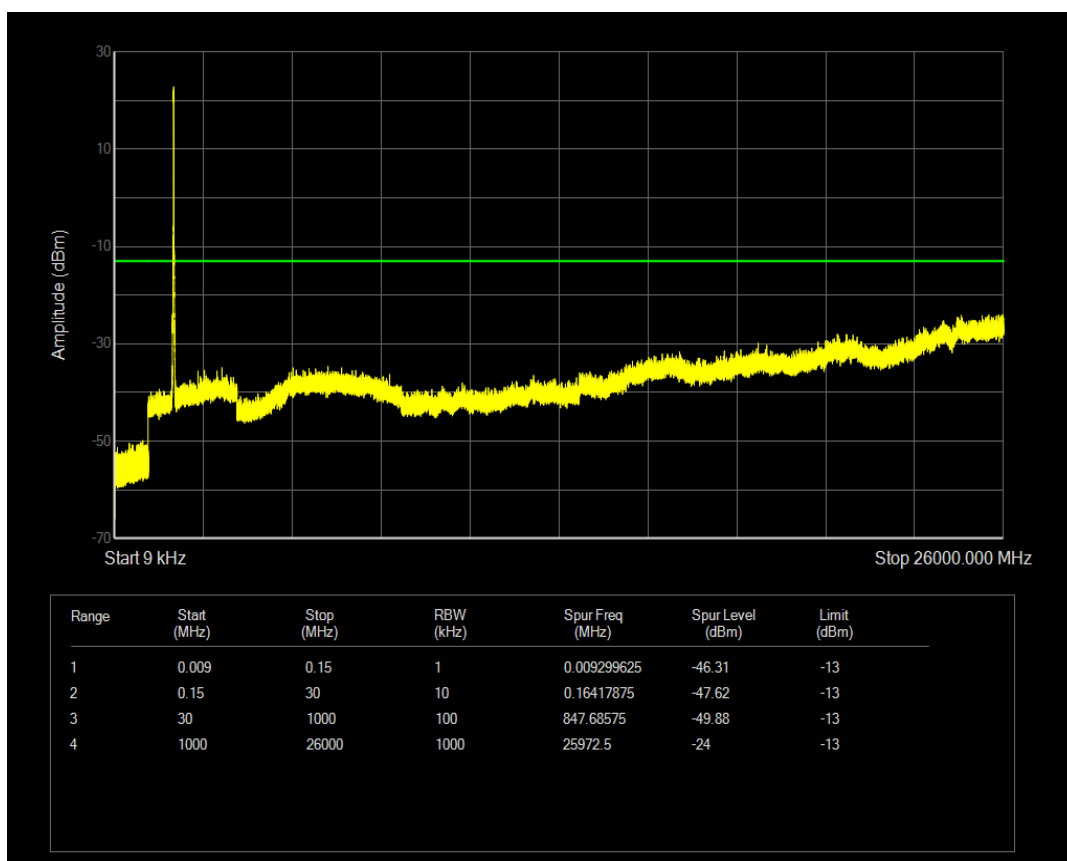
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



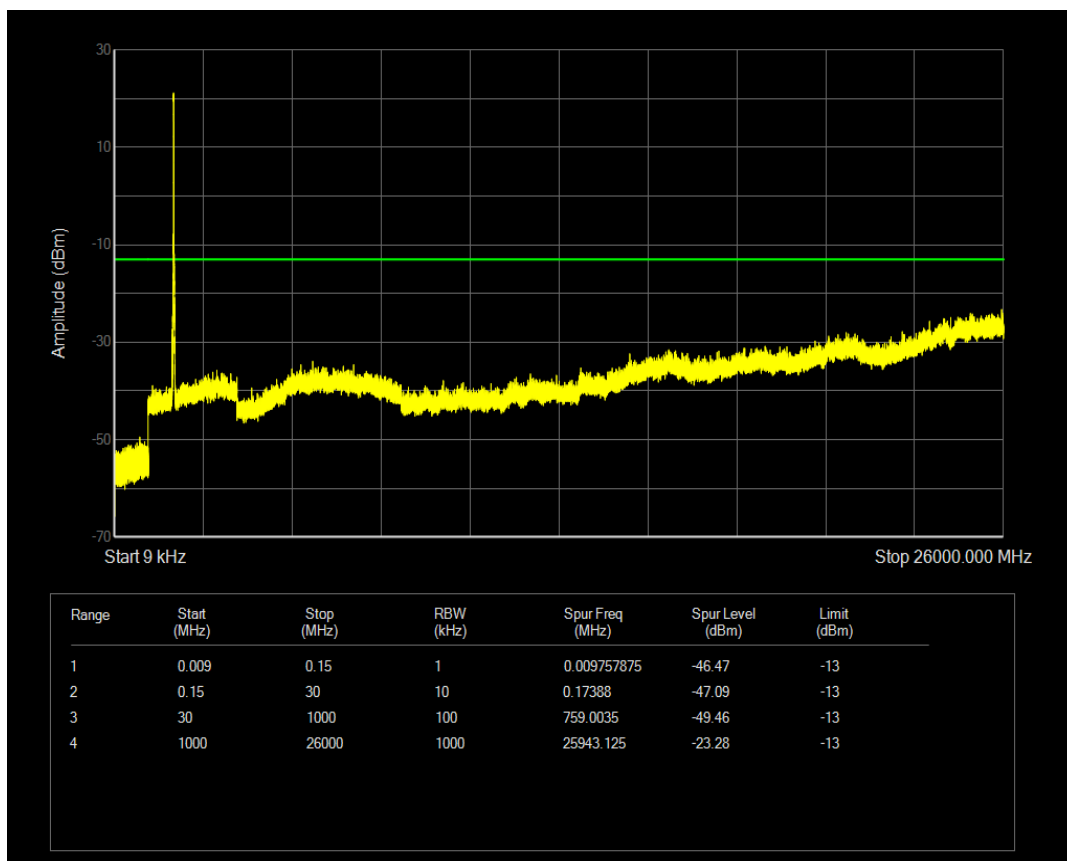
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



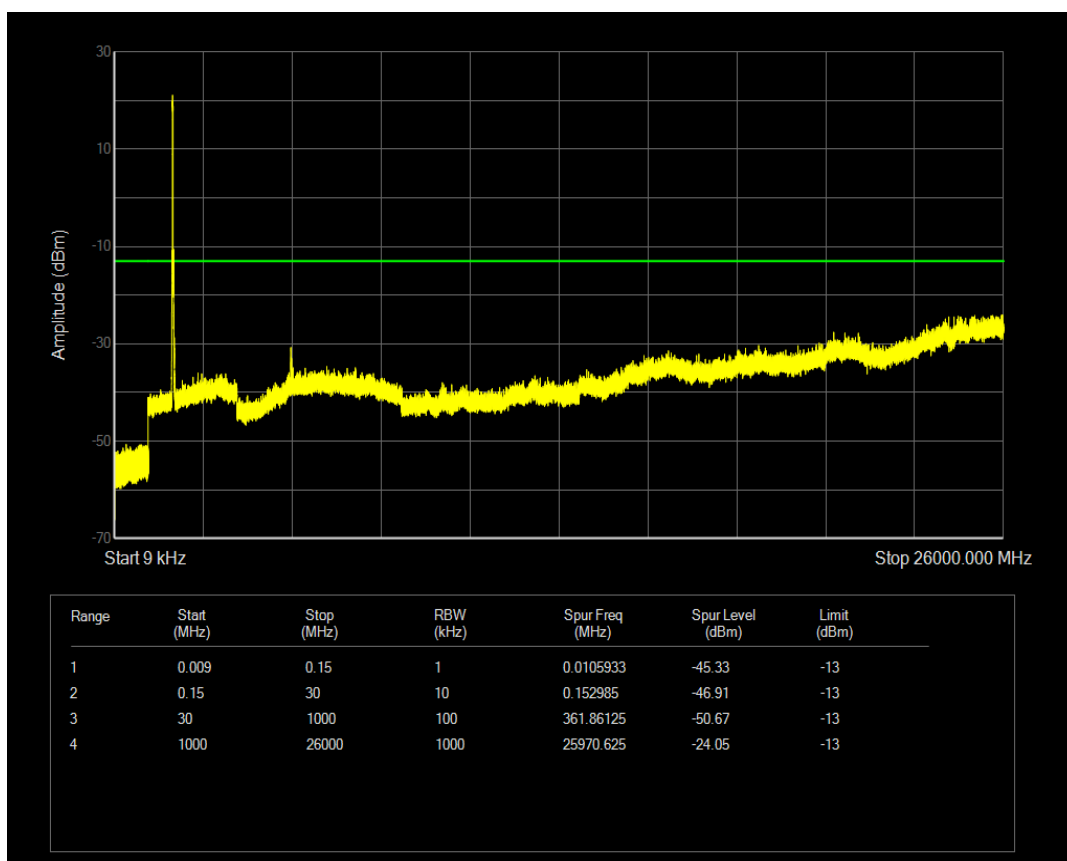
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



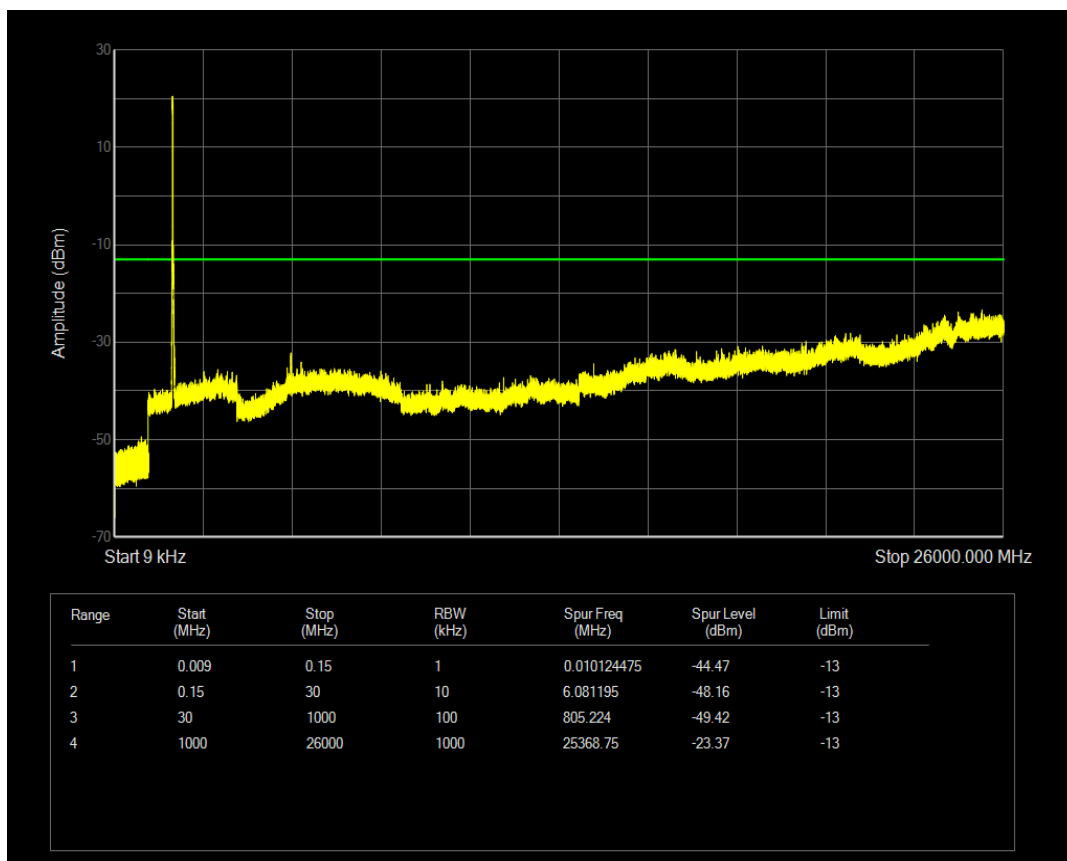
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



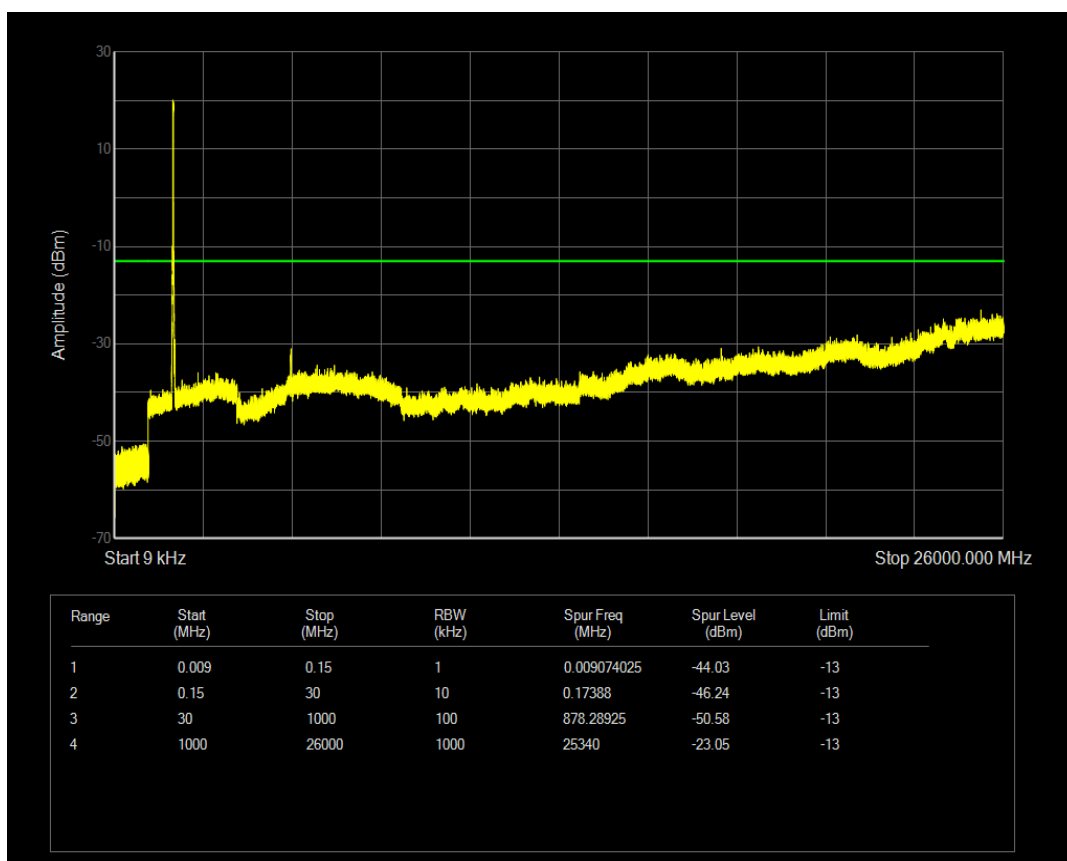
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



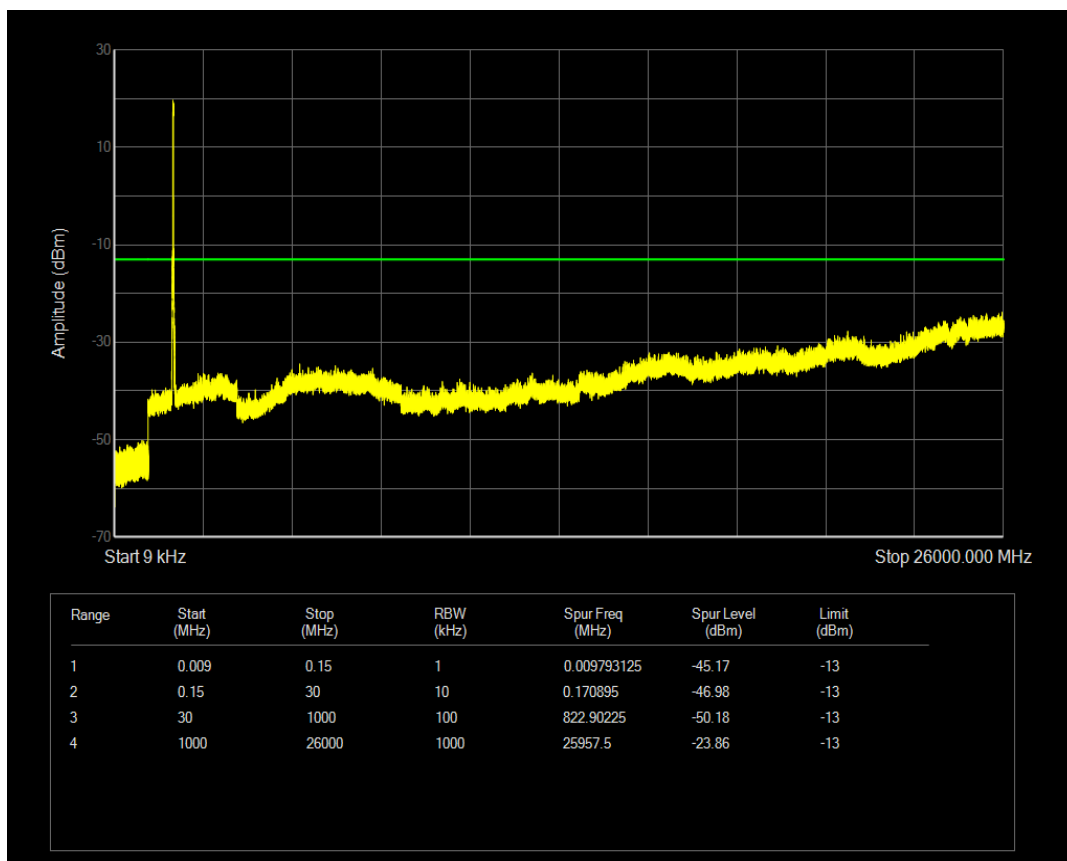
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



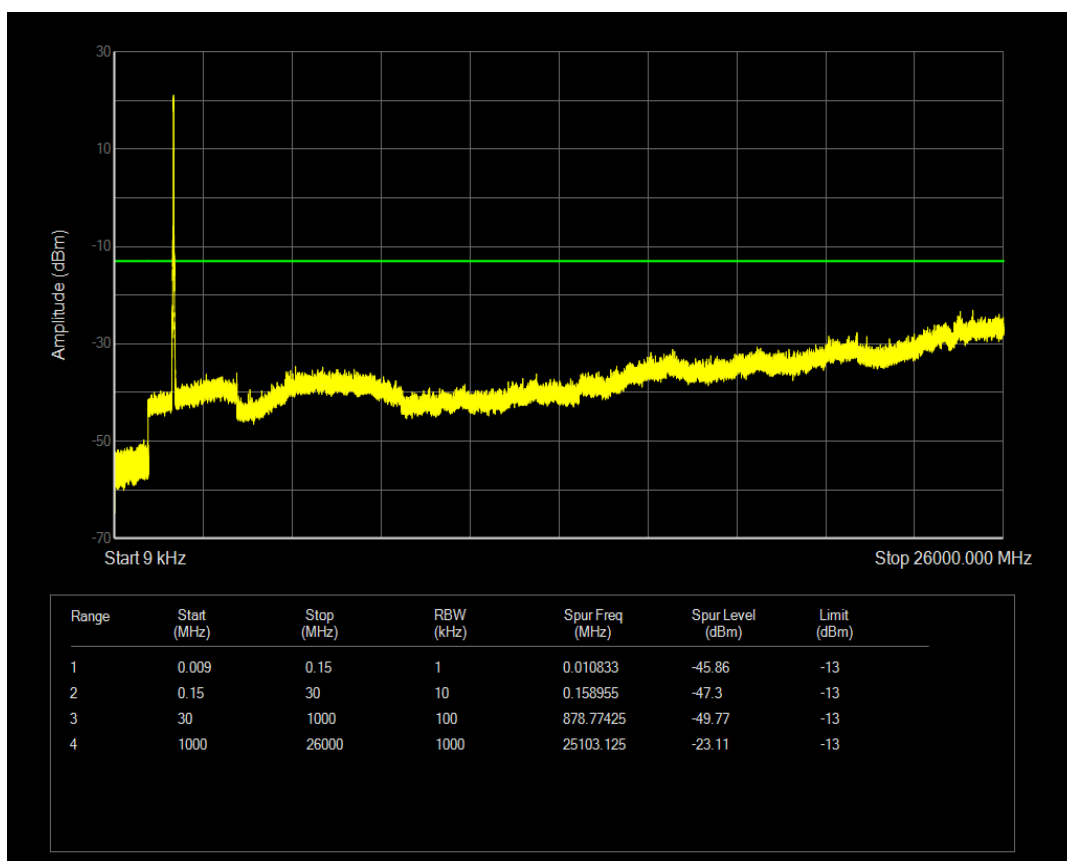
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

