

FCC ID: 2A4FB-BP-M13

Appendix-BAND5

1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm)	(Limit) (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	16.97	38.45	PASS
Band5	1.4	20407	1	#Mid	QPSK	17.37	38.45	PASS
Band5	1.4	20407	1	#Max	QPSK	17.62	38.45	PASS
Band5	1.4	20407	3	#0	QPSK	17.06	38.45	PASS
Band5	1.4	20407	3	#Max	QPSK	17.48	38.45	PASS
Band5	1.4	20407	6	#0	QPSK	16.32	38.45	PASS
Band5	1.4	20407	1	#0	QAM16	16.14	38.45	PASS
Band5	1.4	20407	1	#Mid	QAM16	16.58	38.45	PASS
Band5	1.4	20407	1	#Max	QAM16	16.76	38.45	PASS
Band5	1.4	20407	3	#0	QAM16	16.35	38.45	PASS
Band5	1.4	20407	3	#Max	QAM16	16.84	38.45	PASS
Band5	1.4	20407	6	#0	QAM16	15.42	38.45	PASS
Band5	1.4	20525	1	#0	QPSK	17.84	38.45	PASS
Band5	1.4	20525	1	#Mid	QPSK	17.86	38.45	PASS
Band5	1.4	20525	1	#Max	QPSK	17.80	38.45	PASS
Band5	1.4	20525	3	#0	QPSK	17.73	38.45	PASS
Band5	1.4	20525	3	#Max	QPSK	17.78	38.45	PASS
Band5	1.4	20525	6	#0	QPSK	16.80	38.45	PASS
Band5	1.4	20525	1	#0	QAM16	17.00	38.45	PASS
Band5	1.4	20525	1	#Mid	QAM16	17.07	38.45	PASS
Band5	1.4	20525	1	#Max	QAM16	17.05	38.45	PASS
Band5	1.4	20525	3	#0	QAM16	16.87	38.45	PASS
Band5	1.4	20525	3	#Max	QAM16	16.90	38.45	PASS
Band5	1.4	20525	6	#0	QAM16	16.00	38.45	PASS
Band5	1.4	20643	1	#0	QPSK	17.48	38.45	PASS
Band5	1.4	20643	1	#Mid	QPSK	17.16	38.45	PASS
Band5	1.4	20643	1	#Max	QPSK	16.83	38.45	PASS
Band5	1.4	20643	3	#0	QPSK	17.22	38.45	PASS
Band5	1.4	20643	3	#Max	QPSK	16.90	38.45	PASS
Band5	1.4	20643	6	#0	QPSK	16.17	38.45	PASS

Report

Band5	1.4	20643	1	#0	QAM16	16.35	38.45	PASS
Band5	1.4	20643	1	#Mid	QAM16	16.06	38.45	PASS
Band5	1.4	20643	1	#Max	QAM16	15.84	38.45	PASS
Band5	1.4	20643	3	#0	QAM16	16.31	38.45	PASS
Band5	1.4	20643	3	#Max	QAM16	16.03	38.45	PASS
Band5	1.4	20643	6	#0	QAM16	15.43	38.45	PASS
Band5	3	20415	1	#0	QPSK	16.98	38.45	PASS
Band5	3	20415	1	#Mid	QPSK	18.06	38.45	PASS
Band5	3	20415	1	#Max	QPSK	18.49	38.45	PASS
Band5	3	20415	8	#0	QPSK	16.51	38.45	PASS
Band5	3	20415	8	#Max	QPSK	17.30	38.45	PASS
Band5	3	20415	15	#0	QPSK	16.97	38.45	PASS
Band5	3	20415	1	#0	QAM16	16.46	38.45	PASS
Band5	3	20415	1	#Mid	QAM16	17.48	38.45	PASS
Band5	3	20415	1	#Max	QAM16	17.85	38.45	PASS
Band5	3	20415	8	#0	QAM16	15.66	38.45	PASS
Band5	3	20415	8	#Max	QAM16	16.40	38.45	PASS
Band5	3	20415	15	#0	QAM16	15.95	38.45	PASS
Band5	3	20525	1	#0	QPSK	17.78	38.45	PASS
Band5	3	20525	1	#Mid	QPSK	17.80	38.45	PASS
Band5	3	20525	1	#Max	QPSK	17.82	38.45	PASS
Band5	3	20525	8	#0	QPSK	16.79	38.45	PASS
Band5	3	20525	8	#Max	QPSK	16.86	38.45	PASS
Band5	3	20525	15	#0	QPSK	16.79	38.45	PASS
Band5	3	20525	1	#0	QAM16	16.99	38.45	PASS
Band5	3	20525	1	#Mid	QAM16	17.03	38.45	PASS
Band5	3	20525	1	#Max	QAM16	17.22	38.45	PASS
Band5	3	20525	8	#0	QAM16	16.16	38.45	PASS
Band5	3	20525	8	#Max	QAM16	16.12	38.45	PASS
Band5	3	20525	15	#0	QAM16	16.08	38.45	PASS
Band5	3	20635	1	#0	QPSK	18.16	38.45	PASS
Band5	3	20635	1	#Mid	QPSK	17.51	38.45	PASS
Band5	3	20635	1	#Max	QPSK	16.85	38.45	PASS
Band5	3	20635	8	#0	QPSK	16.99	38.45	PASS
Band5	3	20635	8	#Max	QPSK	16.41	38.45	PASS
Band5	3	20635	15	#0	QPSK	16.70	38.45	PASS
Band5	3	20635	1	#0	QAM16	17.46	38.45	PASS
Band5	3	20635	1	#Mid	QAM16	17.09	38.45	PASS
Band5	3	20635	1	#Max	QAM16	16.43	38.45	PASS
Band5	3	20635	8	#0	QAM16	16.33	38.45	PASS
Band5	3	20635	8	#Max	QAM16	15.70	38.45	PASS
Band5	3	20635	15	#0	QAM16	15.93	38.45	PASS
Band5	5	20425	1	#0	QPSK	17.17	38.45	PASS
Band5	5	20425	1	#Mid	QPSK	18.68	38.45	PASS

Report

Band5	5	20425	1	#Max	QPSK	18.90	38.45	PASS
Band5	5	20425	12	#0	QPSK	16.85	38.45	PASS
Band5	5	20425	12	#Max	QPSK	17.85	38.45	PASS
Band5	5	20425	25	#0	QPSK	17.40	38.45	PASS
Band5	5	20425	1	#0	QAM16	16.62	38.45	PASS
Band5	5	20425	1	#Mid	QAM16	18.00	38.45	PASS
Band5	5	20425	1	#Max	QAM16	18.32	38.45	PASS
Band5	5	20425	12	#0	QAM16	15.88	38.45	PASS
Band5	5	20425	12	#Max	QAM16	16.89	38.45	PASS
Band5	5	20425	25	#0	QAM16	16.42	38.45	PASS
Band5	5	20525	1	#0	QPSK	18.10	38.45	PASS
Band5	5	20525	1	#Mid	QPSK	17.87	38.45	PASS
Band5	5	20525	1	#Max	QPSK	18.04	38.45	PASS
Band5	5	20525	12	#0	QPSK	16.83	38.45	PASS
Band5	5	20525	12	#Max	QPSK	16.89	38.45	PASS
Band5	5	20525	25	#0	QPSK	16.82	38.45	PASS
Band5	5	20525	1	#0	QAM16	17.31	38.45	PASS
Band5	5	20525	1	#Mid	QAM16	17.14	38.45	PASS
Band5	5	20525	1	#Max	QAM16	17.34	38.45	PASS
Band5	5	20525	12	#0	QAM16	16.04	38.45	PASS
Band5	5	20525	12	#Max	QAM16	16.12	38.45	PASS
Band5	5	20525	25	#0	QAM16	16.19	38.45	PASS
Band5	5	20625	1	#0	QPSK	18.77	38.45	PASS
Band5	5	20625	1	#Mid	QPSK	18.12	38.45	PASS
Band5	5	20625	1	#Max	QPSK	17.06	38.45	PASS
Band5	5	20625	12	#0	QPSK	17.47	38.45	PASS
Band5	5	20625	12	#Max	QPSK	16.62	38.45	PASS
Band5	5	20625	25	#0	QPSK	17.09	38.45	PASS
Band5	5	20625	1	#0	QAM16	17.95	38.45	PASS
Band5	5	20625	1	#Mid	QAM16	17.37	38.45	PASS
Band5	5	20625	1	#Max	QAM16	16.37	38.45	PASS
Band5	5	20625	12	#0	QAM16	16.56	38.45	PASS
Band5	5	20625	12	#Max	QAM16	15.72	38.45	PASS
Band5	5	20625	25	#0	QAM16	16.20	38.45	PASS
Band5	10	20450	1	#0	QPSK	17.33	38.45	PASS
Band5	10	20450	1	#Mid	QPSK	18.80	38.45	PASS
Band5	10	20450	1	#Max	QPSK	18.10	38.45	PASS
Band5	10	20450	25	#0	QPSK	17.20	38.45	PASS
Band5	10	20450	25	#Max	QPSK	17.48	38.45	PASS
Band5	10	20450	50	#0	QPSK	17.29	38.45	PASS
Band5	10	20450	1	#0	QAM16	16.56	38.45	PASS
Band5	10	20450	1	#Mid	QAM16	18.05	38.45	PASS
Band5	10	20450	1	#Max	QAM16	17.59	38.45	PASS
Band5	10	20450	25	#0	QAM16	16.29	38.45	PASS

Report

Band5	10	20450	25	#Max	QAM16	16.68	38.45	PASS
Band5	10	20525	1	#0	QPSK	18.53	38.45	PASS
Band5	10	20525	1	#Mid	QPSK	17.71	38.45	PASS
Band5	10	20525	1	#Max	QPSK	18.40	38.45	PASS
Band5	10	20525	25	#0	QPSK	16.72	38.45	PASS
Band5	10	20525	25	#Max	QPSK	16.77	38.45	PASS
Band5	10	20525	50	#0	QPSK	16.76	38.45	PASS
Band5	10	20525	1	#0	QAM16	17.73	38.45	PASS
Band5	10	20525	1	#Mid	QAM16	16.92	38.45	PASS
Band5	10	20525	1	#Max	QAM16	17.69	38.45	PASS
Band5	10	20525	25	#0	QAM16	15.99	38.45	PASS
Band5	10	20525	25	#Max	QAM16	16.05	38.45	PASS
Band5	10	20600	1	#0	QPSK	18.07	38.45	PASS
Band5	10	20600	1	#Mid	QPSK	18.48	38.45	PASS
Band5	10	20600	1	#Max	QPSK	16.87	38.45	PASS
Band5	10	20600	25	#0	QPSK	17.37	38.45	PASS
Band5	10	20600	25	#Max	QPSK	16.81	38.45	PASS
Band5	10	20600	50	#0	QPSK	17.14	38.45	PASS
Band5	10	20600	1	#0	QAM16	17.09	38.45	PASS
Band5	10	20600	1	#Mid	QAM16	17.41	38.45	PASS
Band5	10	20600	1	#Max	QAM16	15.92	38.45	PASS
Band5	10	20600	25	#0	QAM16	16.51	38.45	PASS
Band5	10	20600	25	#Max	QAM16	15.98	38.45	PASS

2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band5	10	20450	50	#0	QPSK	VL	NT	-16.16	-0.019	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VN	NT	-20.88	-0.025	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VH	NT	-20.25	-0.024	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-14.83	-0.018	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-18.28	-0.022	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-16.69	-0.020	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-13.57	-0.016	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-16.19	-0.020	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-17.05	-0.021	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	-9.36	-0.011	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-17.48	-0.021	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-12.38	-0.015	±2.5	PASS
Band5	10	20450	27	#0	QAM16	VL	NT	-12.01	-0.014	±2.5	PASS
Band5	10	20450	27	#0	QAM16	VN	NT	-14.19	-0.017	±2.5	PASS
Band5	10	20450	27	#0	QAM16	VH	NT	-14.17	-0.017	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	50	-15.59	-0.019	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	40	-12.50	-0.015	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	30	-14.56	-0.018	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	20	-17.06	-0.021	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	10	-15.37	-0.019	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	0	-16.25	-0.020	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	-10	-18.01	-0.022	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	-20	-16.53	-0.020	±2.5	PASS
Band5	10	20450	27	#0	QAM16	NV	-30	-13.43	-0.016	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VL	NT	-17.10	-0.020	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VN	NT	-21.05	-0.025	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VH	NT	-12.70	-0.015	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-12.91	-0.015	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-14.19	-0.017	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-12.11	-0.014	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-18.42	-0.022	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-13.34	-0.016	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-13.94	-0.017	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-14.96	-0.018	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-17.70	-0.021	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-12.61	-0.015	±2.5	PASS
Band5	10	20525	27	#0	QAM16	VL	NT	-15.20	-0.018	±2.5	PASS
Band5	10	20525	27	#0	QAM16	VN	NT	11.08	0.013	±2.5	PASS
Band5	10	20525	27	#0	QAM16	VH	NT	-18.69	-0.022	±2.5	PASS

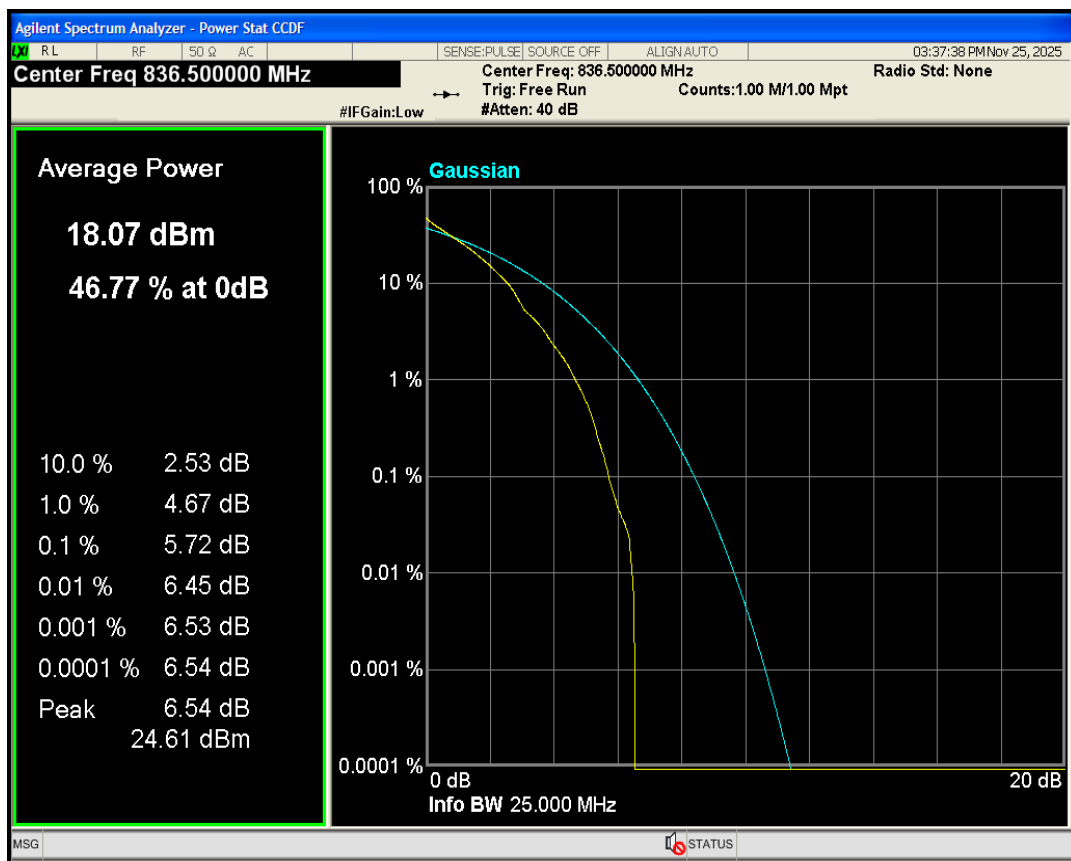
Report

Band5	10	20525	27	#0	QAM16	NV	50	-15.93	-0.019	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	40	-14.57	-0.017	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	30	-17.53	-0.021	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	20	-14.90	-0.018	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	10	-19.41	-0.023	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	0	-16.50	-0.020	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	-10	-12.88	-0.015	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	-20	-14.97	-0.018	±2.5	PASS
Band5	10	20525	27	#0	QAM16	NV	-30	-16.53	-0.020	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VL	NT	-17.66	-0.021	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VN	NT	-18.28	-0.022	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VH	NT	-14.14	-0.017	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-14.92	-0.018	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-17.12	-0.020	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-16.88	-0.020	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-17.85	-0.021	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-18.12	-0.021	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-14.31	-0.017	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	-18.73	-0.022	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-14.34	-0.017	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-17.63	-0.021	±2.5	PASS
Band5	10	20600	27	#0	QAM16	VL	NT	-14.63	-0.017	±2.5	PASS
Band5	10	20600	27	#0	QAM16	VN	NT	-24.34	-0.029	±2.5	PASS
Band5	10	20600	27	#0	QAM16	VH	NT	-13.41	-0.016	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	50	-18.03	-0.021	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	40	-17.16	-0.020	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	30	-11.02	-0.013	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	20	-21.52	-0.025	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	10	-11.73	-0.014	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	0	-23.67	-0.028	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	-10	-15.10	-0.018	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	-20	-12.74	-0.015	±2.5	PASS
Band5	10	20600	27	#0	QAM16	NV	-30	-18.79	-0.022	±2.5	PASS

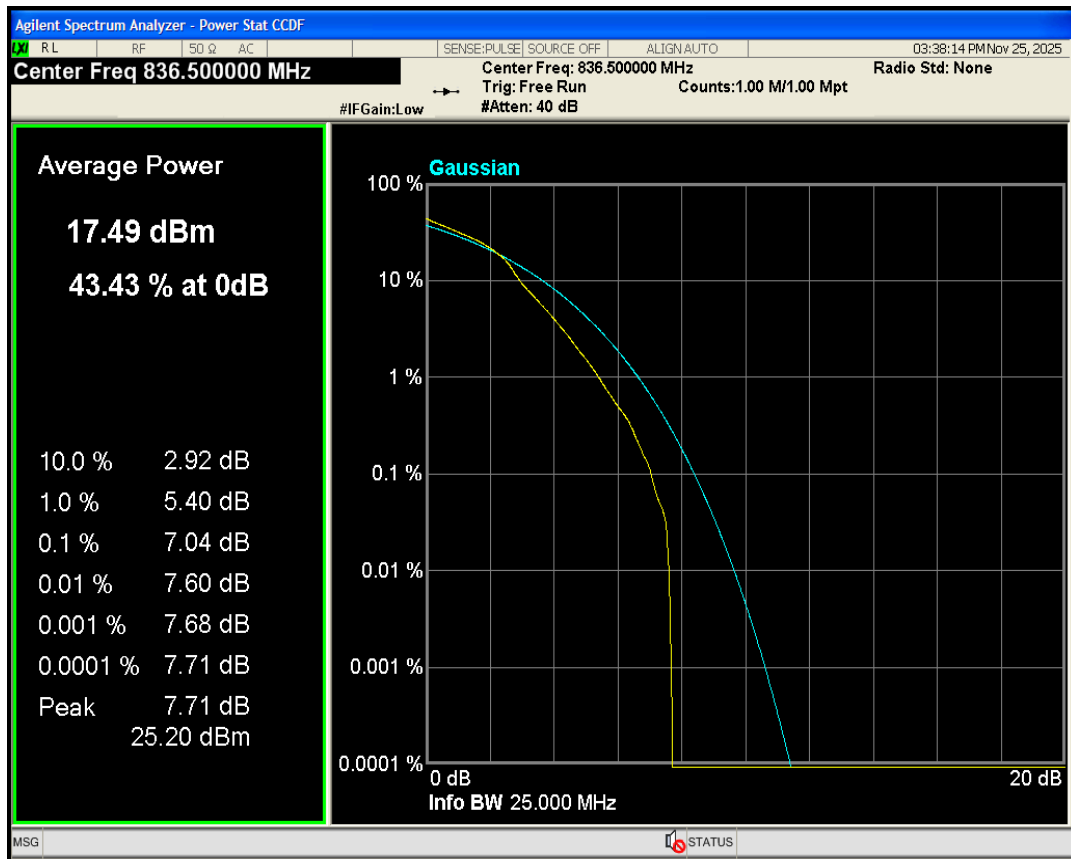
3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20525	1	#0	QPSK	5.72	13	PASS
Band5	1.4	20525	1	#0	QAM16	7.04	13	PASS
Band5	3	20525	1	#0	QPSK	6.01	13	PASS
Band5	3	20525	1	#0	QAM16	6.93	13	PASS
Band5	5	20525	1	#0	QPSK	6.47	13	PASS
Band5	5	20525	1	#0	QAM16	6.45	13	PASS
Band5	10	20525	1	#0	QPSK	5.57	13	PASS
Band5	10	20525	1	#0	QAM16	6.47	13	PASS

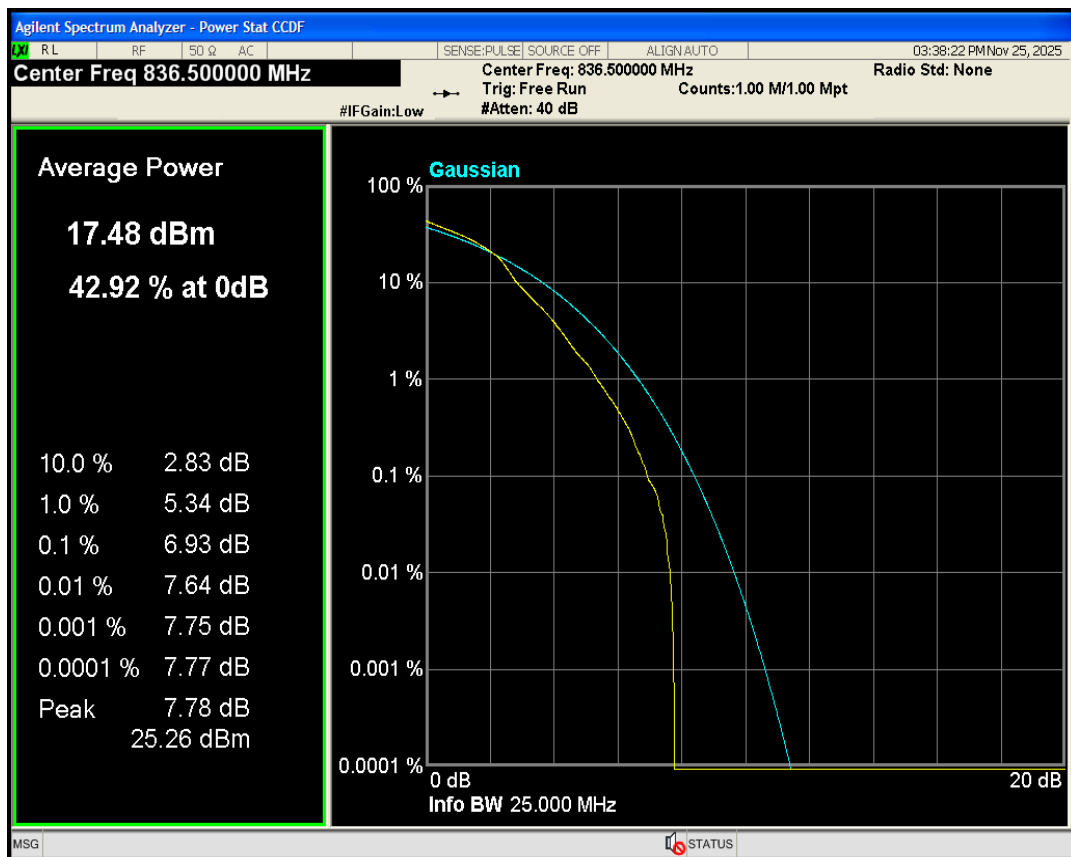
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



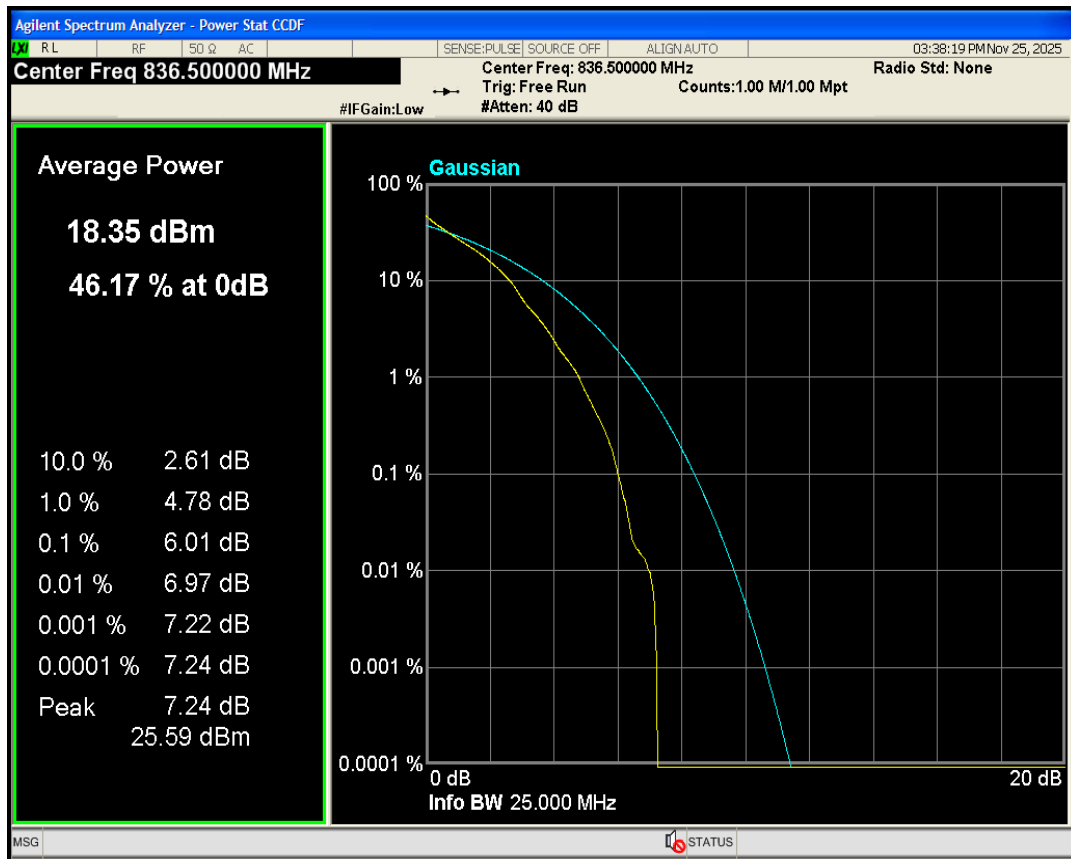
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



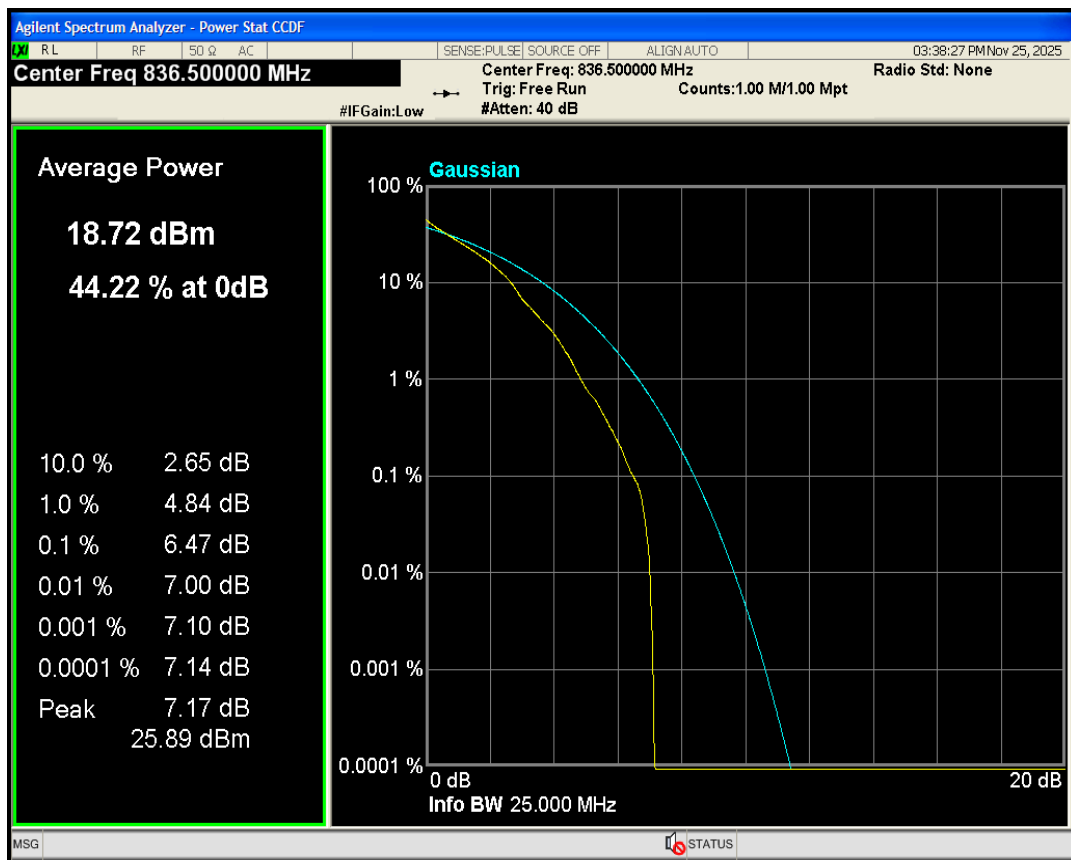
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



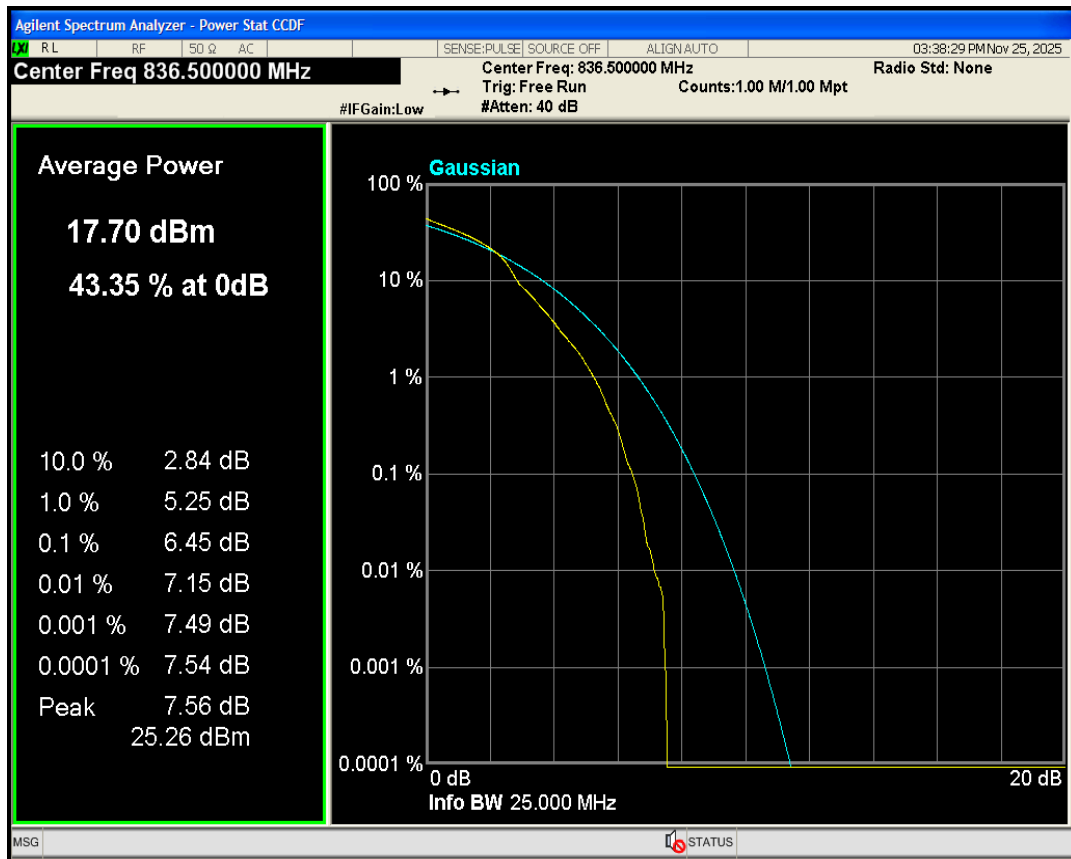
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



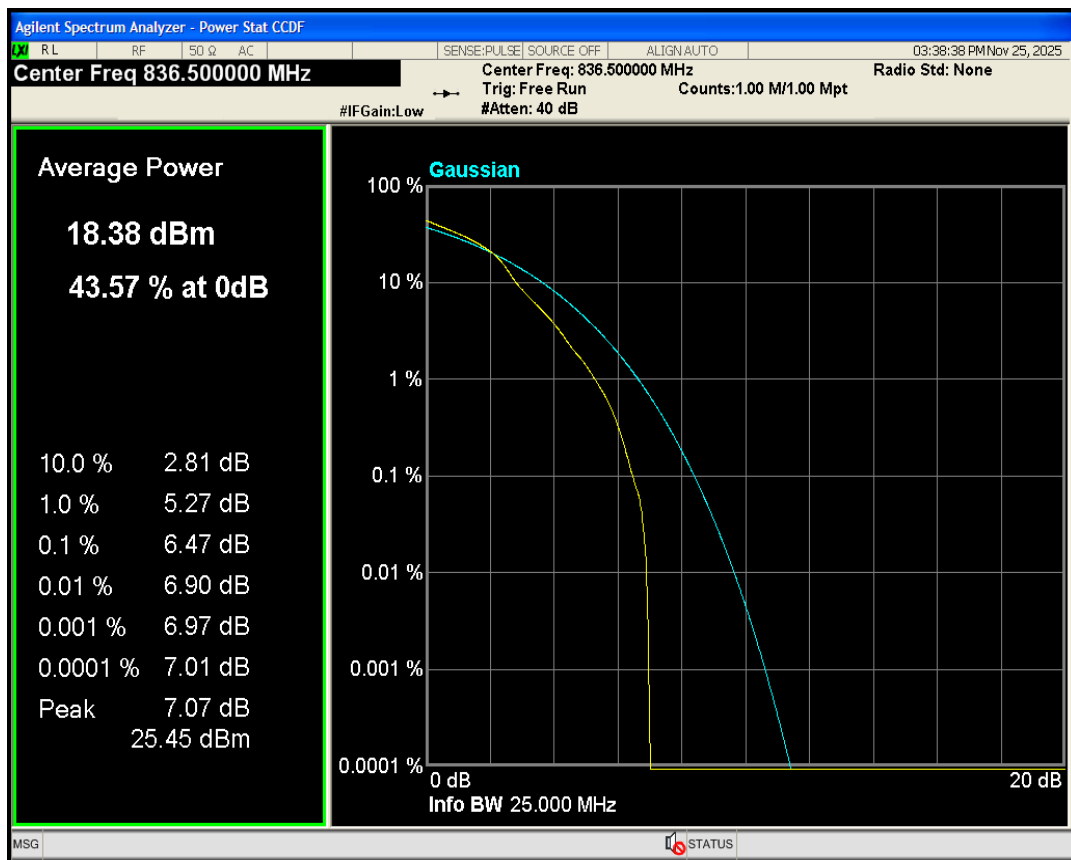
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



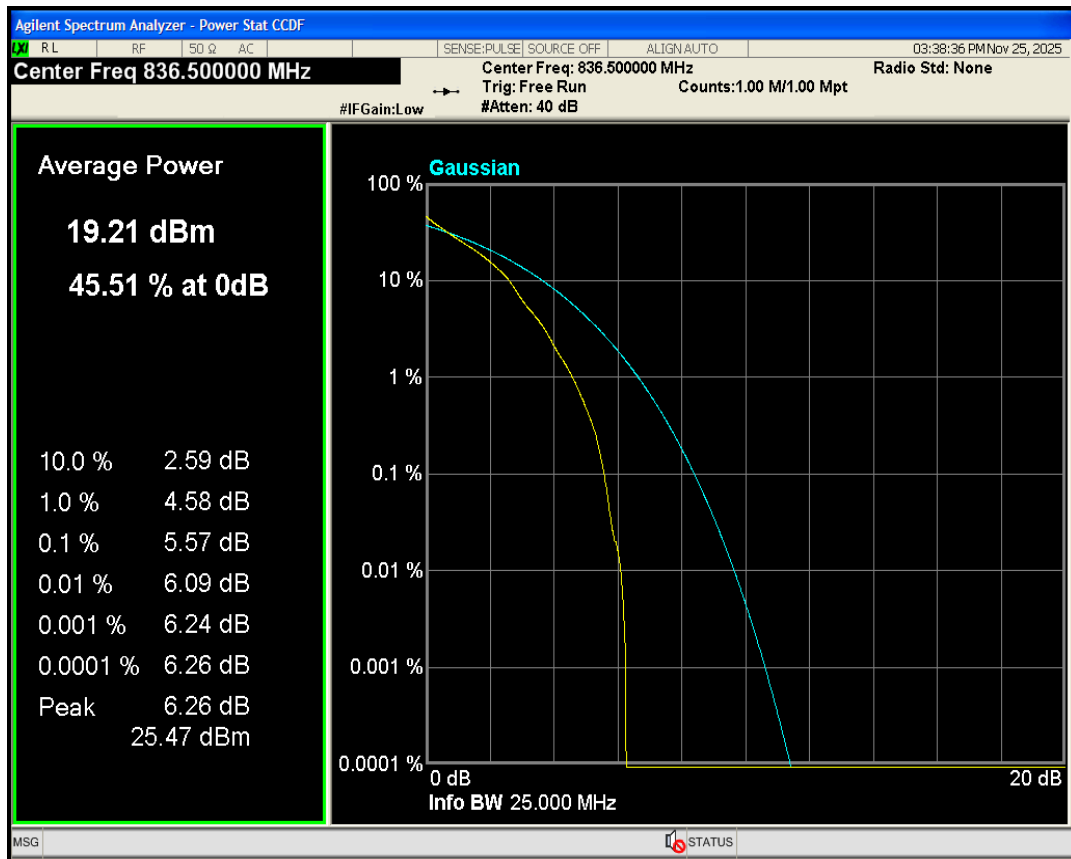
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0

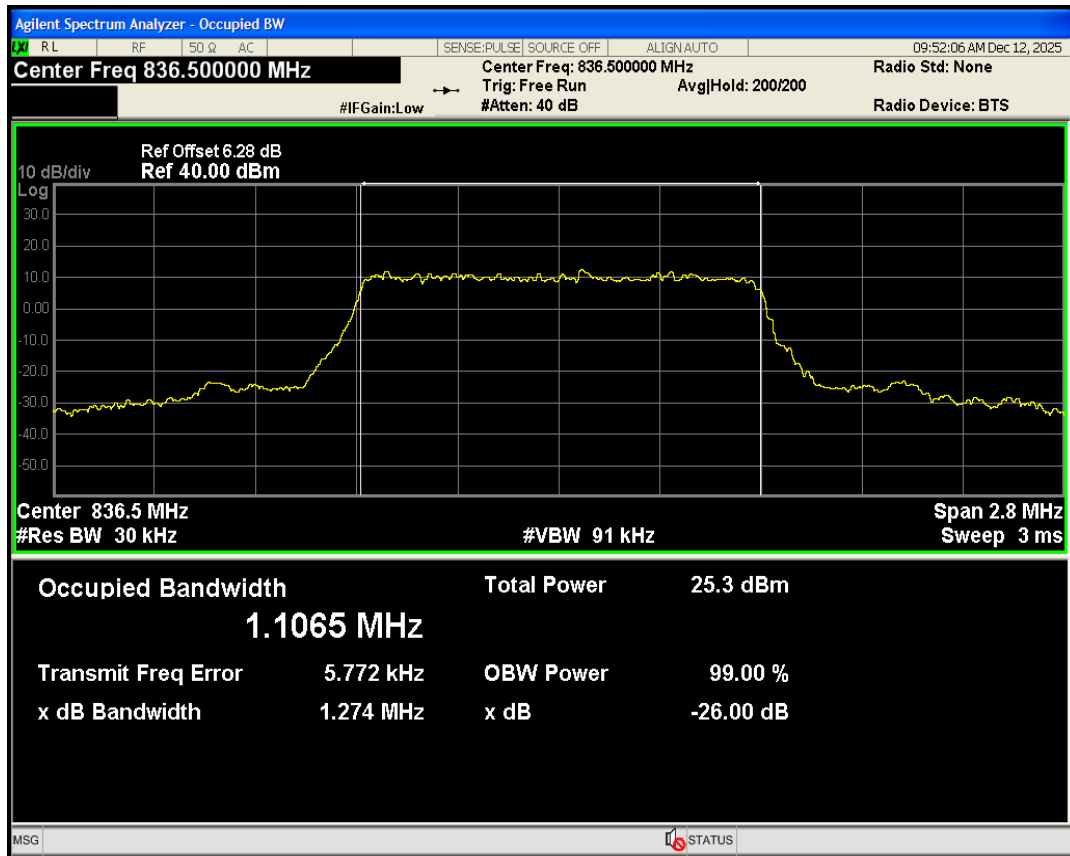


4. Occupied bandwidth

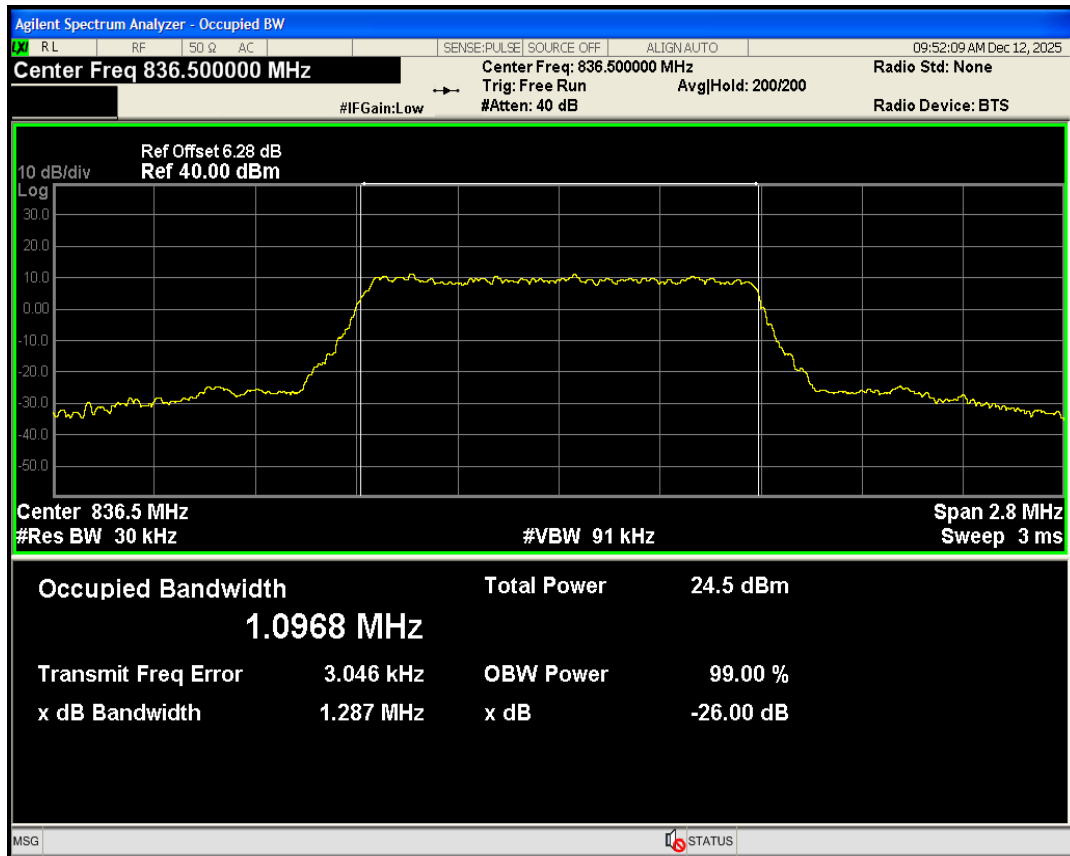
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.103	1.278	PASS
Band5	1.4	20407	6	#0	QAM16	1.088	1.262	PASS
Band5	1.4	20525	6	#0	QPSK	1.107	1.274	PASS
Band5	1.4	20525	6	#0	QAM16	1.097	1.287	PASS
Band5	1.4	20643	6	#0	QPSK	1.106	1.272	PASS
Band5	1.4	20643	6	#0	QAM16	1.096	1.263	PASS
Band5	3	20415	15	#0	QPSK	2.695	2.933	PASS
Band5	3	20415	15	#0	QAM16	2.686	2.969	PASS
Band5	3	20525	15	#0	QPSK	2.706	2.977	PASS
Band5	3	20525	15	#0	QAM16	2.693	2.923	PASS
Band5	3	20635	15	#0	QPSK	2.702	2.961	PASS
Band5	3	20635	15	#0	QAM16	2.692	2.932	PASS
Band5	5	20425	25	#0	QPSK	4.491	4.904	PASS
Band5	5	20425	25	#0	QAM16	4.489	4.917	PASS
Band5	5	20525	25	#0	QPSK	4.516	4.932	PASS
Band5	5	20525	25	#0	QAM16	4.512	4.928	PASS
Band5	5	20625	25	#0	QPSK	4.505	4.870	PASS
Band5	5	20625	25	#0	QAM16	4.505	4.930	PASS
Band5	10	20450	50	#0	QPSK	8.940	9.706	PASS
Band5	10	20450	27	#0	QAM16	4.931	5.587	PASS
Band5	10	20525	50	#0	QPSK	9.004	9.735	PASS
Band5	10	20525	27	#0	QAM16	4.953	5.703	PASS
Band5	10	20600	50	#0	QPSK	8.950	9.643	PASS
Band5	10	20600	27	#0	QAM16	4.975	5.529	PASS

Report

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

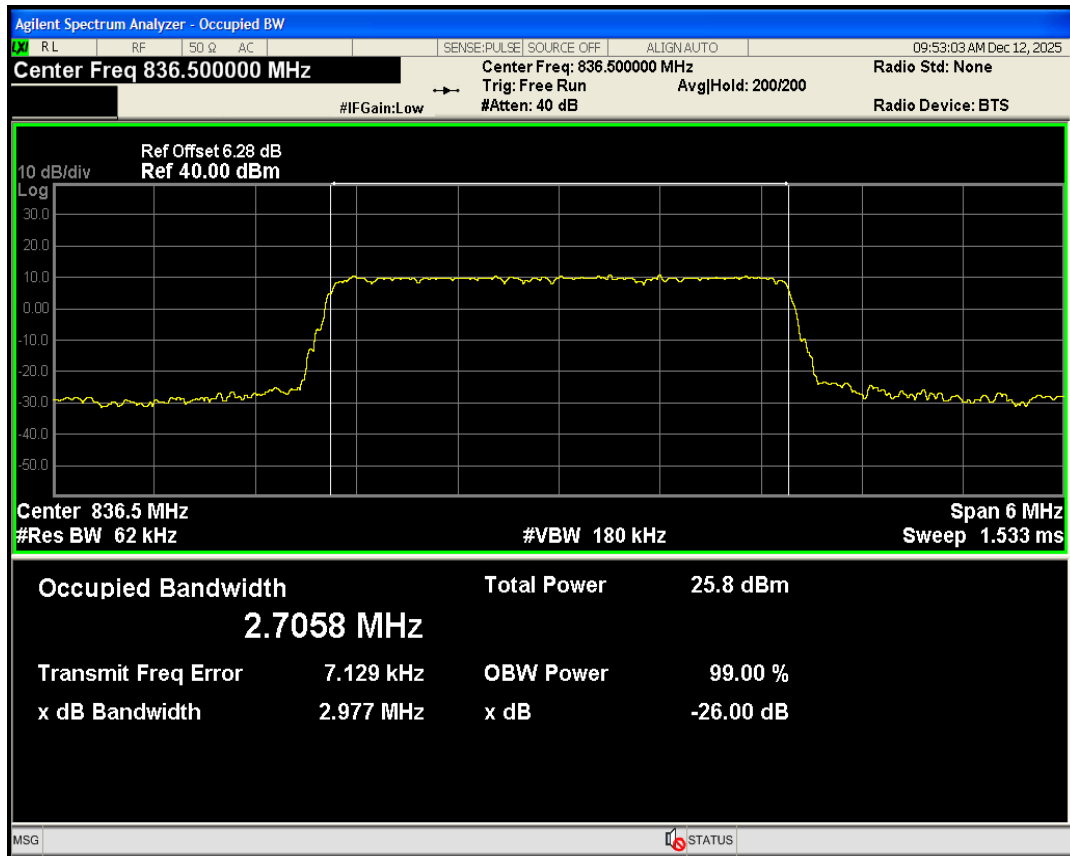


Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0

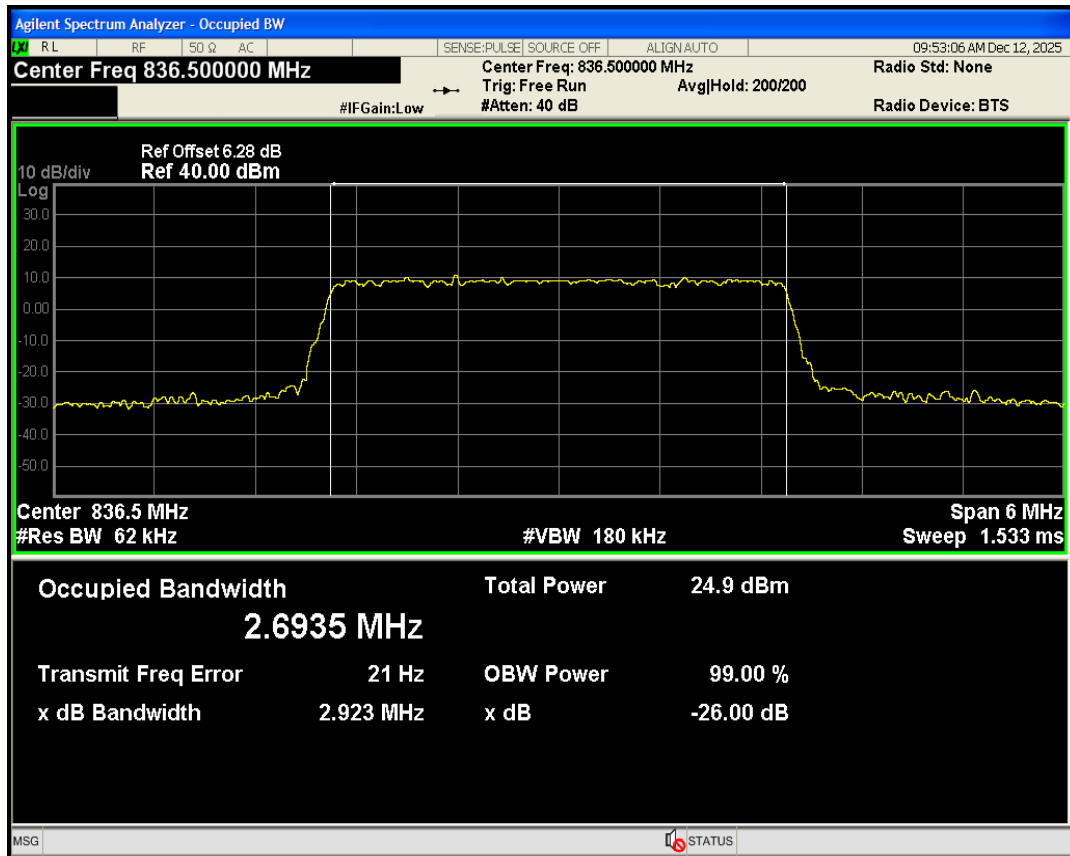


Report

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

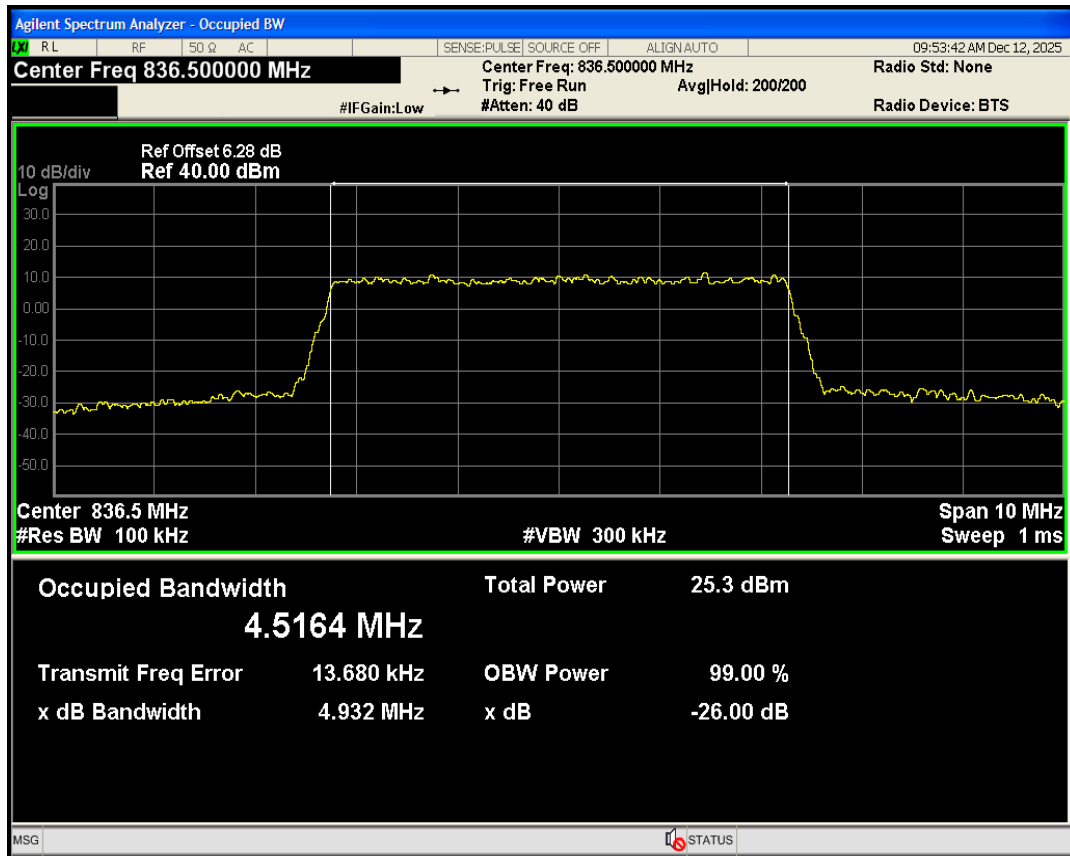


Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0

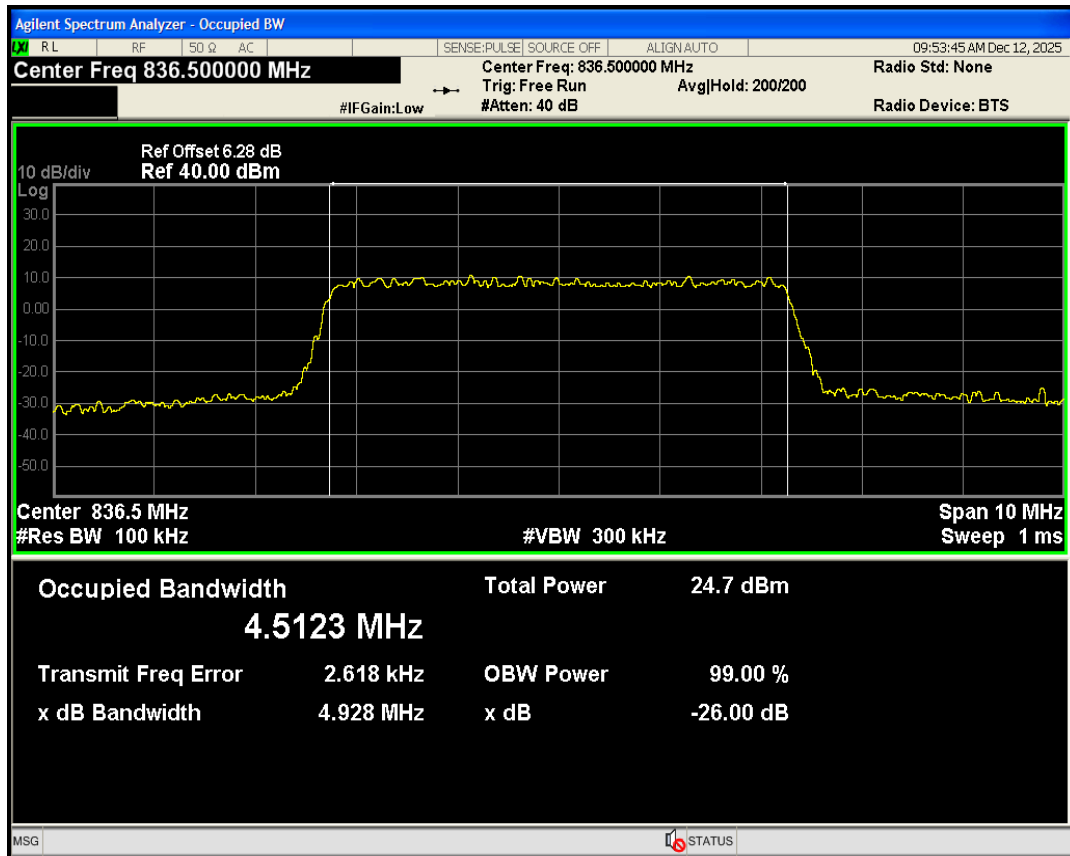


Report

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

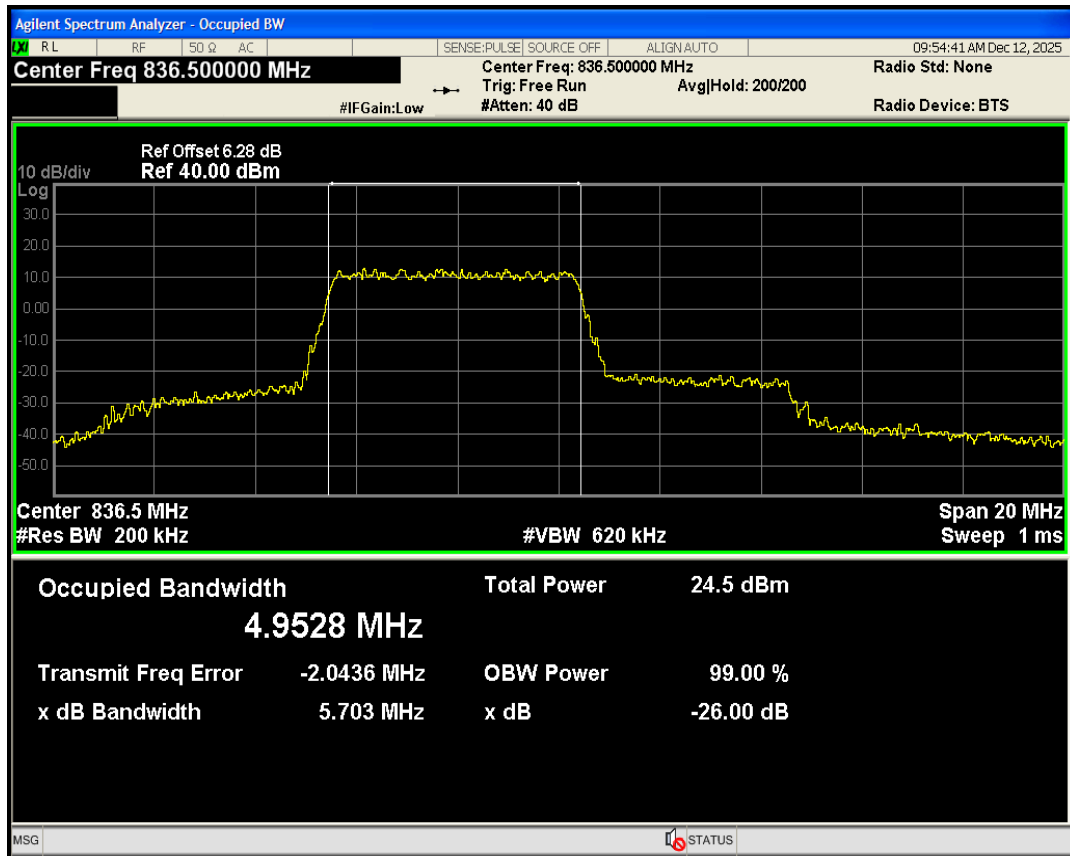


Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0

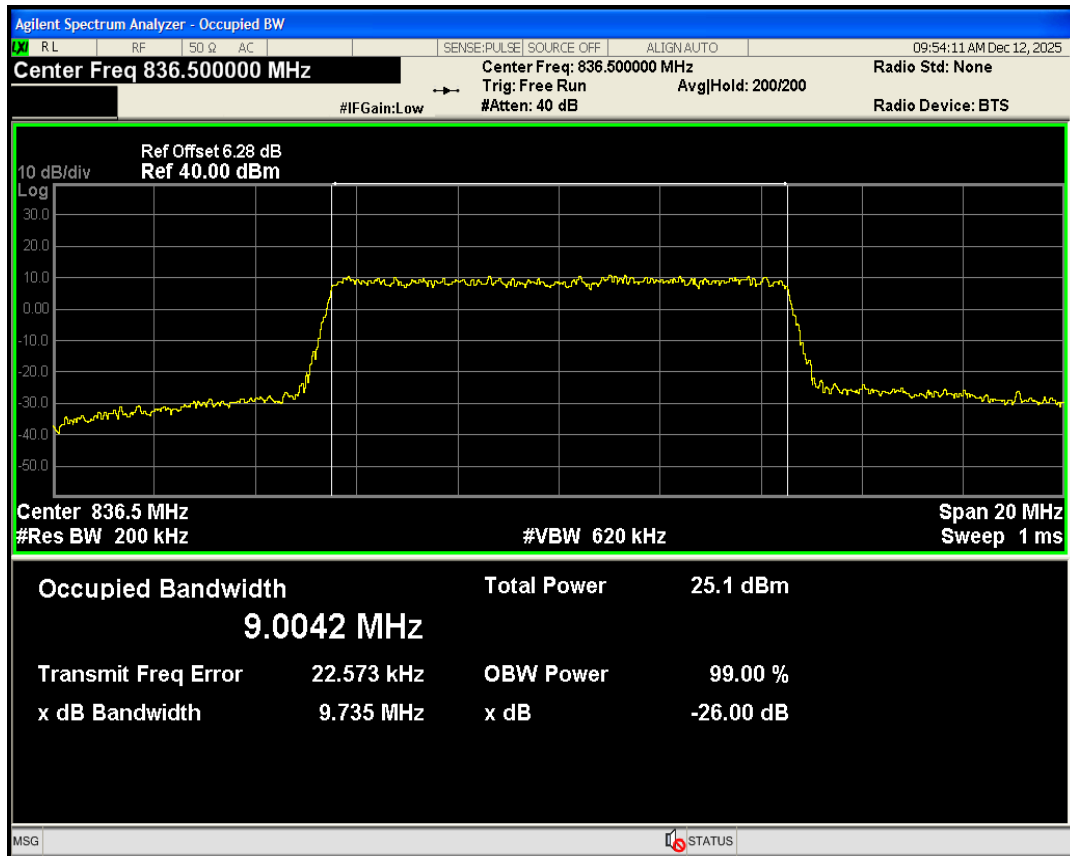


Report

Band5 QAM16 BW=10MHz Channel=20525 RB Size=27 Position=#0

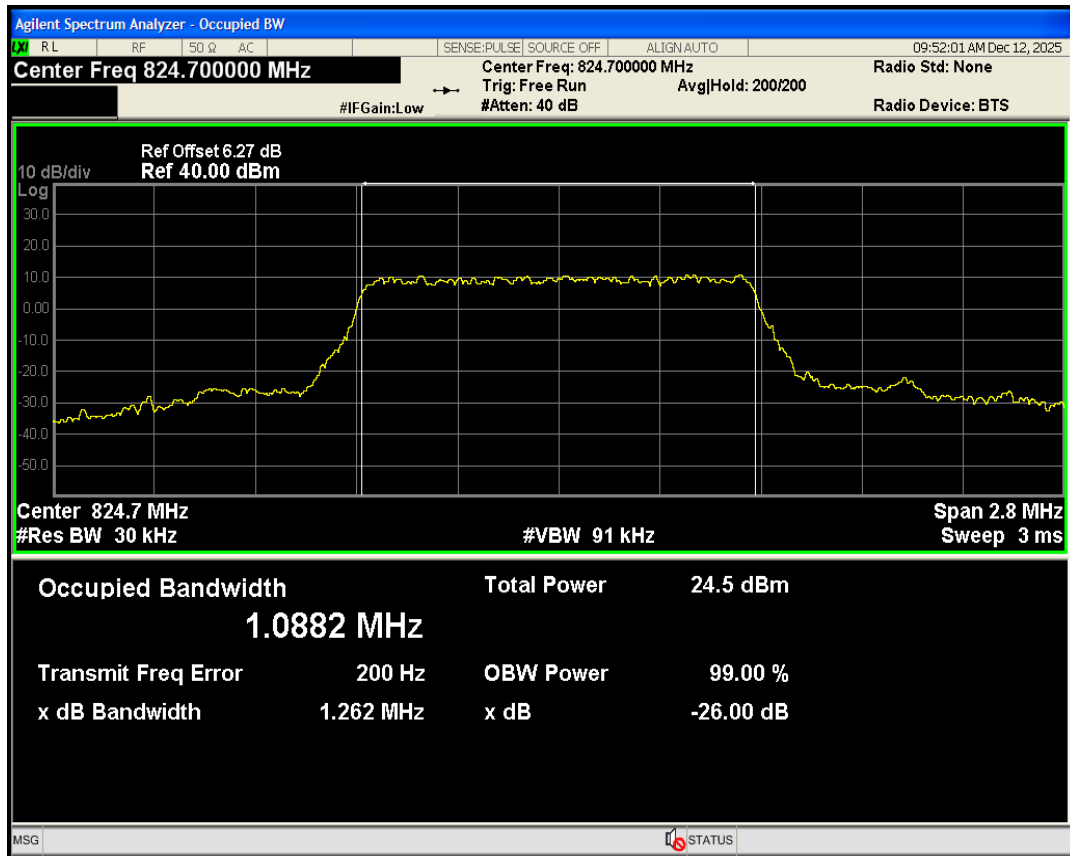


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

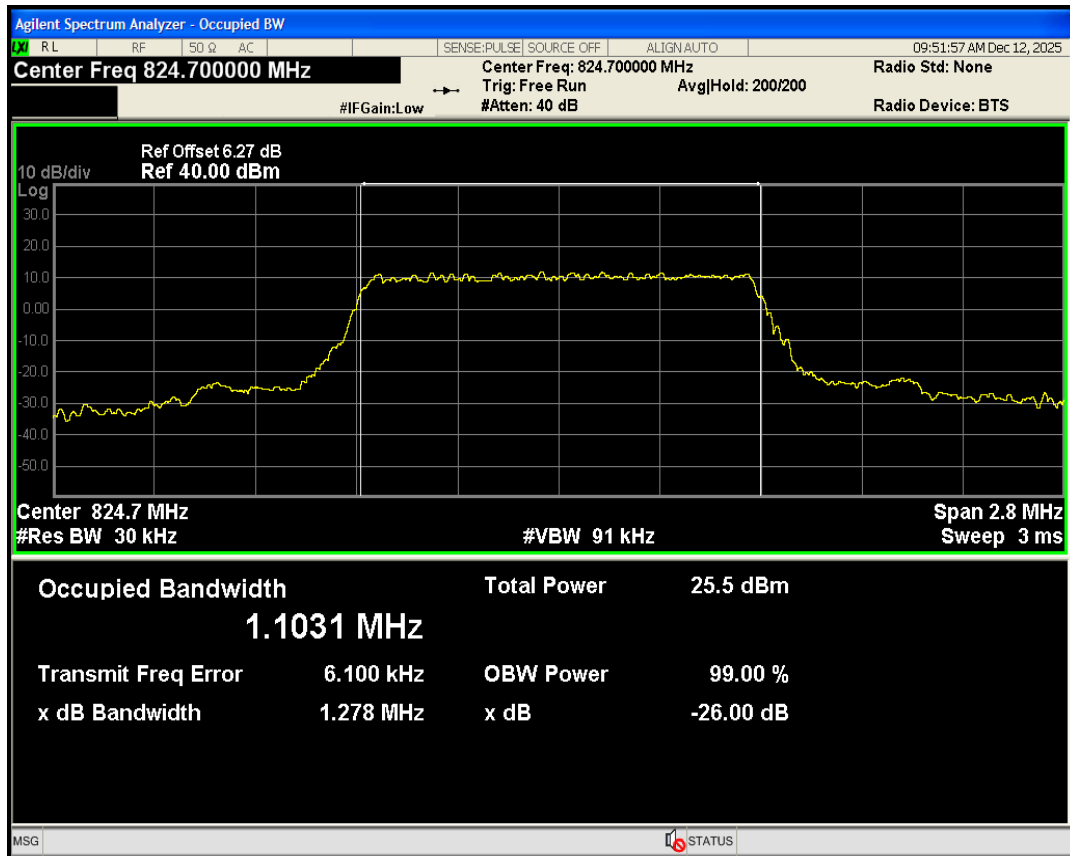


Report

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0

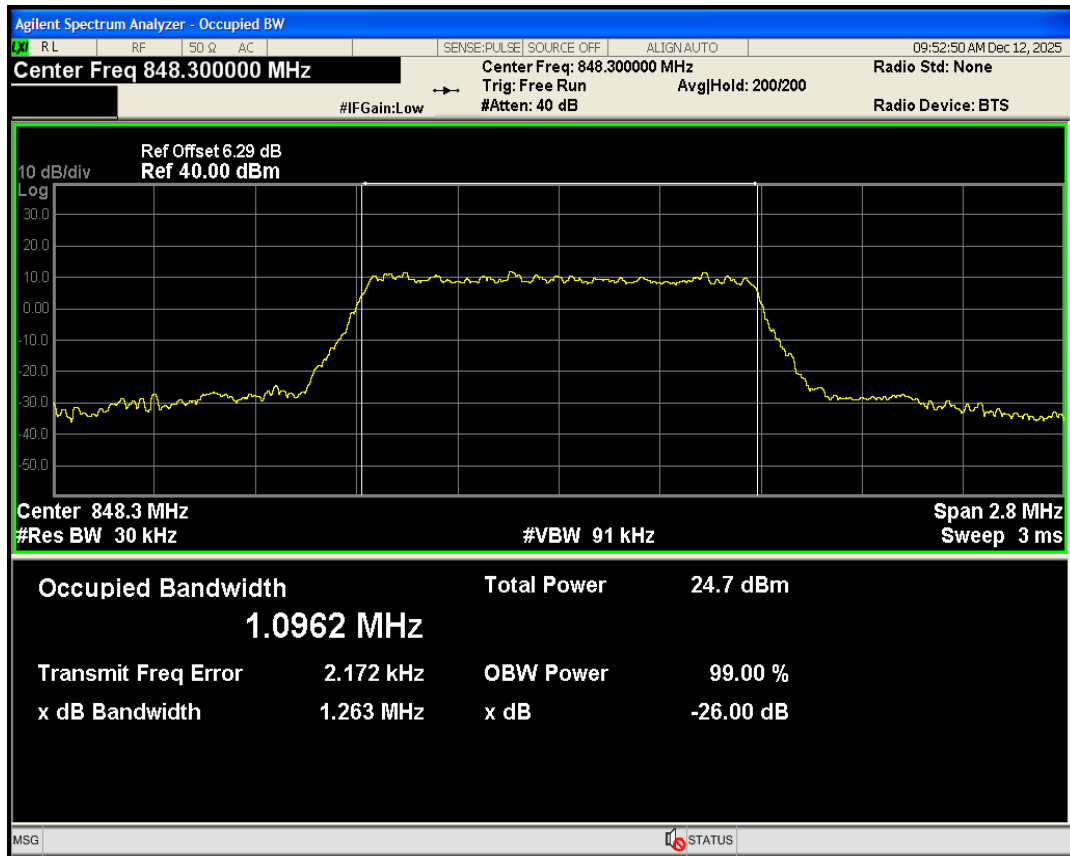


Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

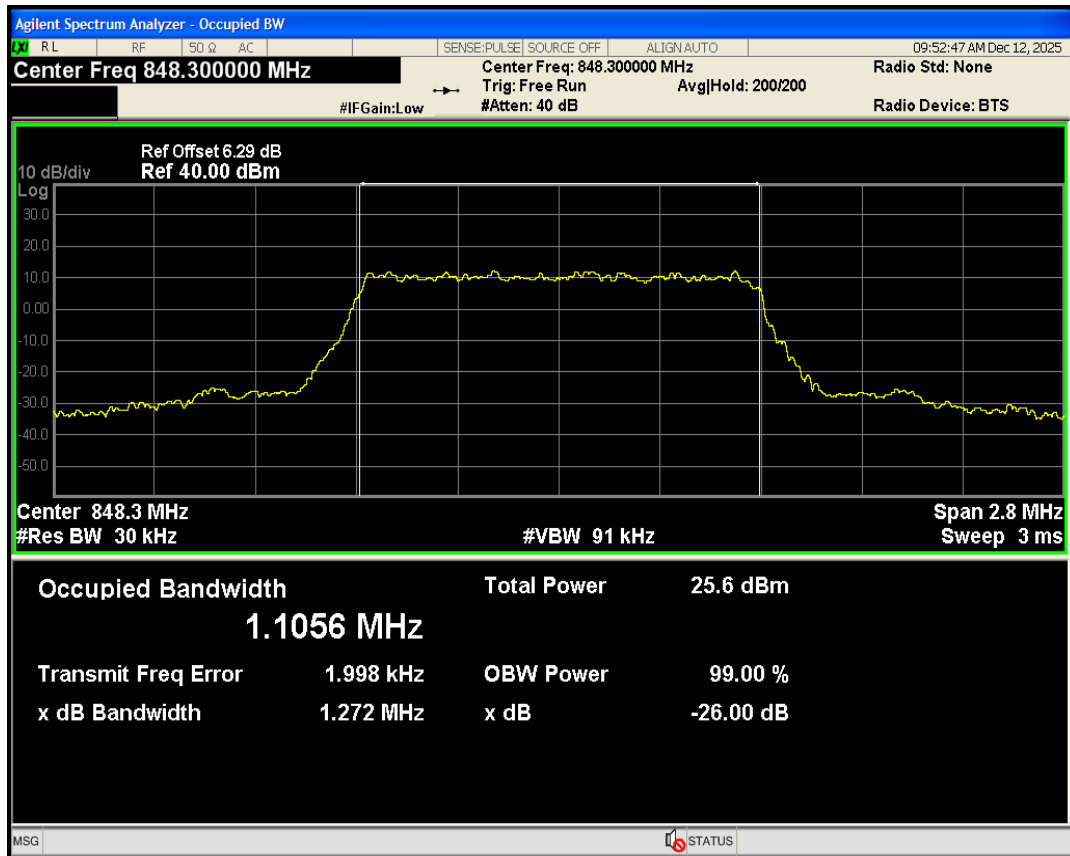


Report

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0

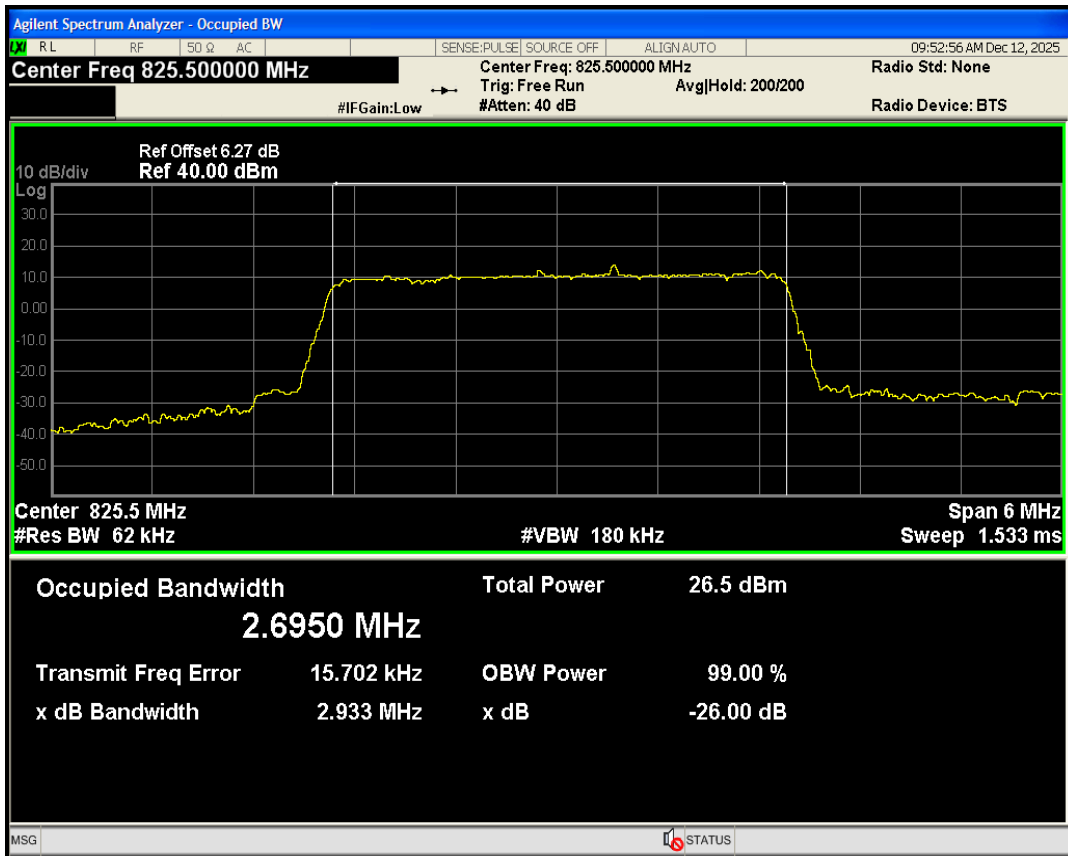


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

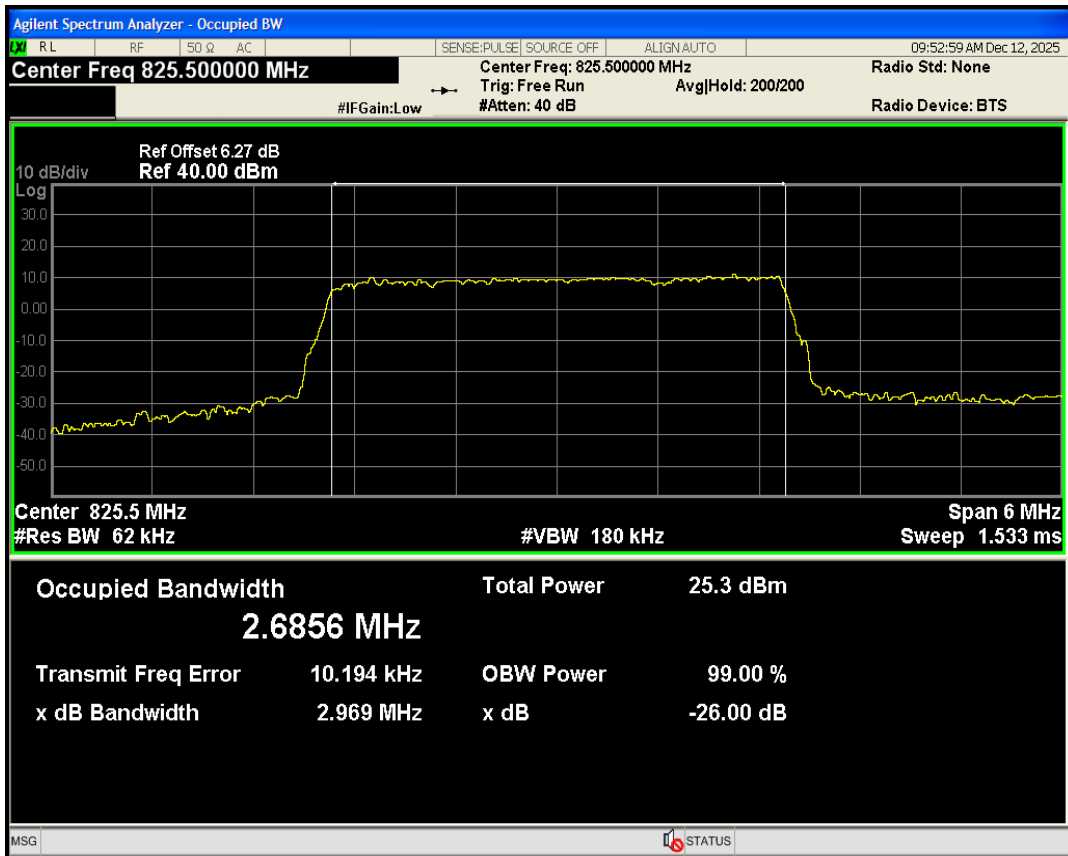


Report

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

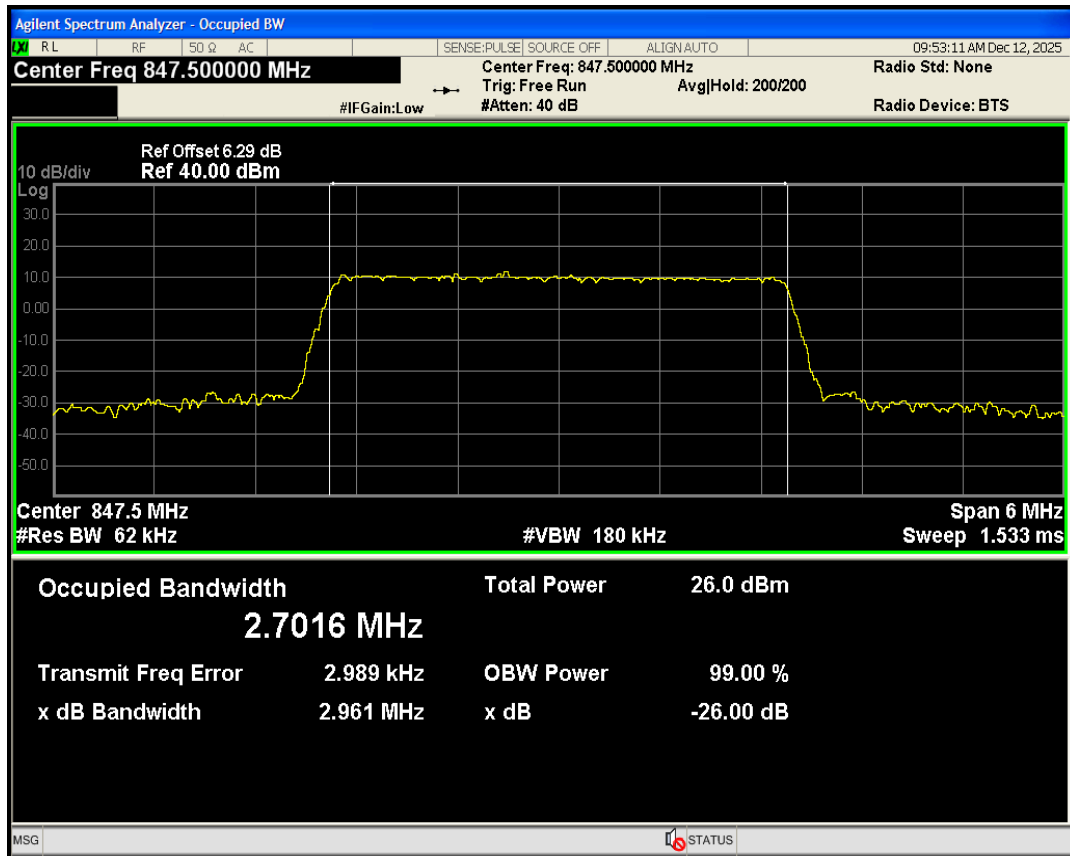


Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0

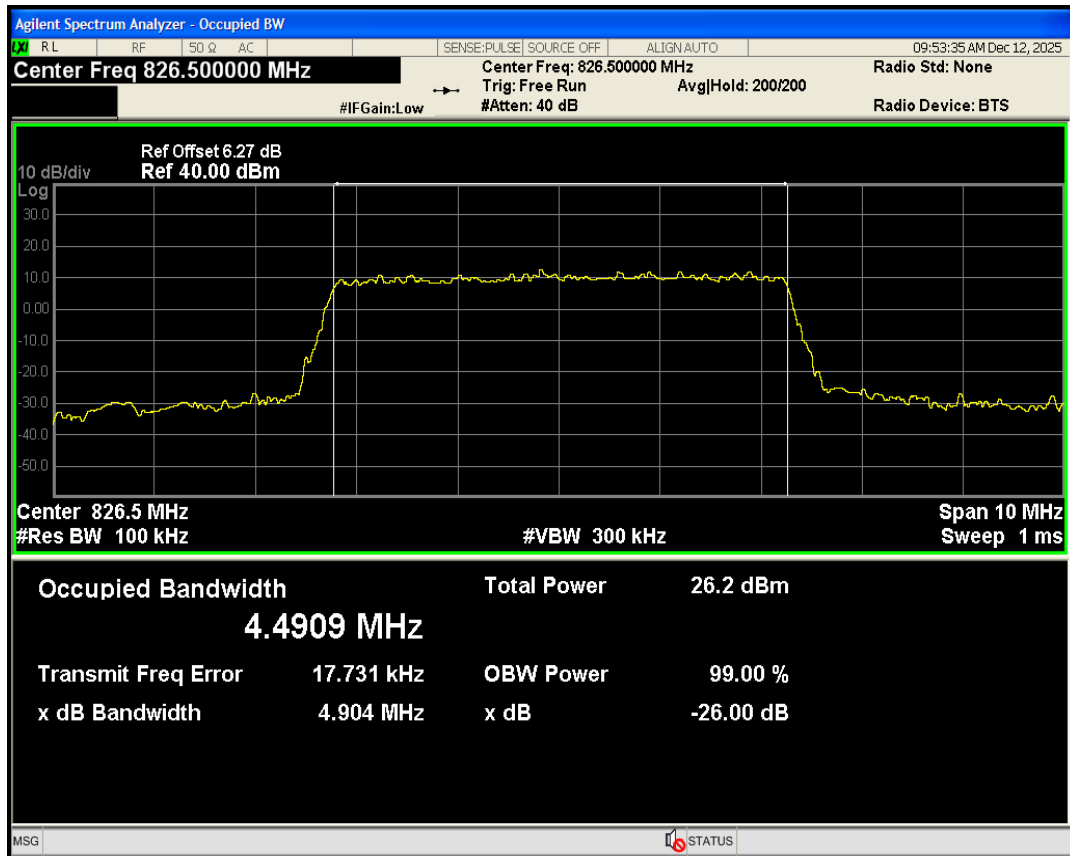


Report

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

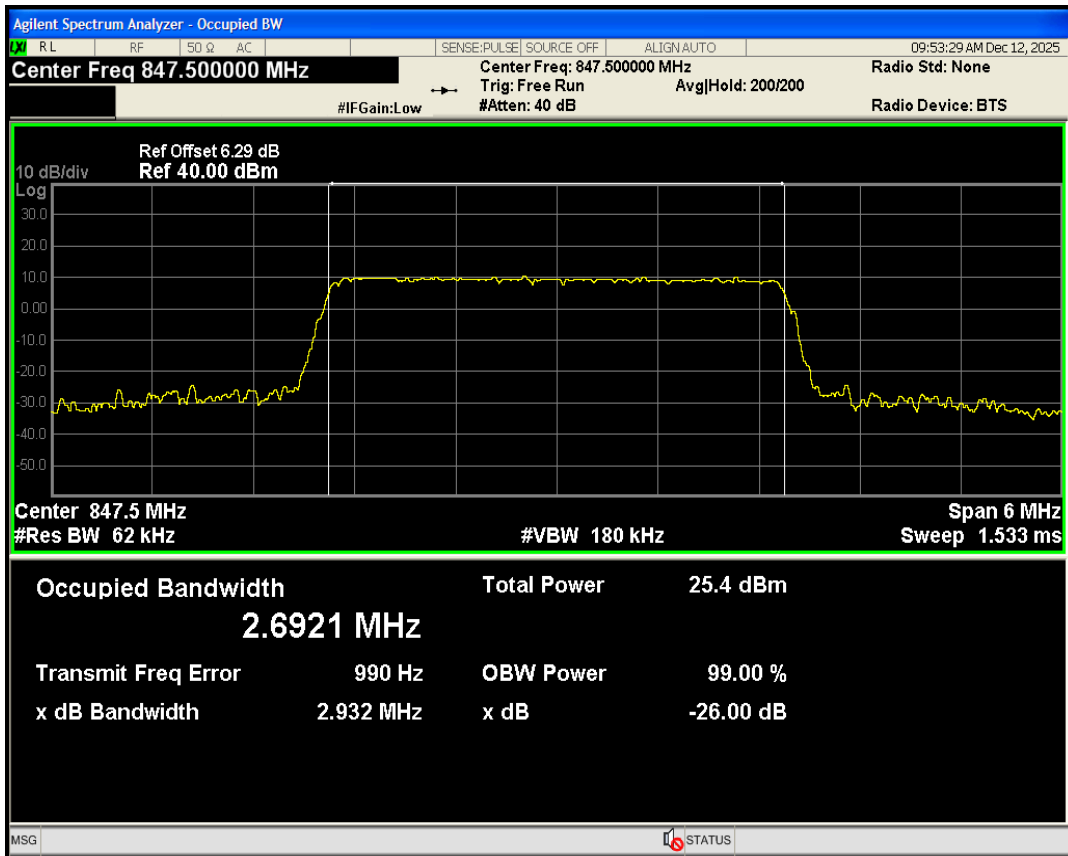


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

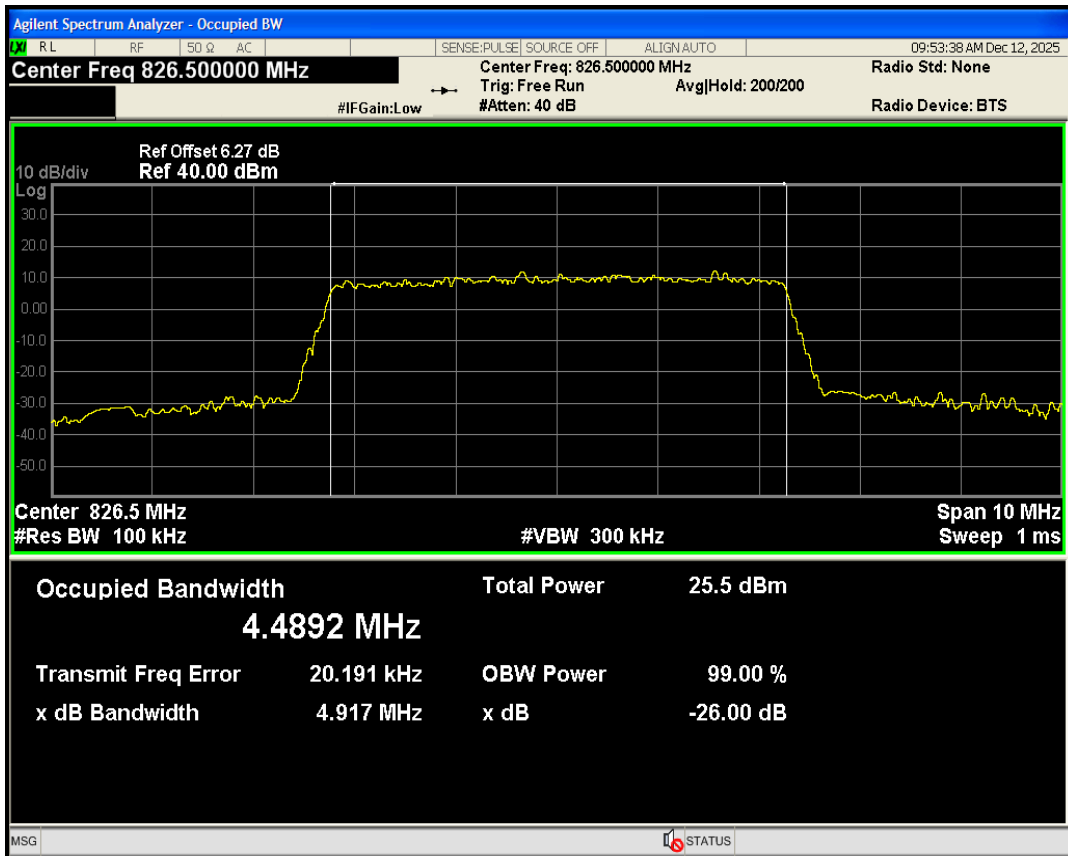


Report

Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0

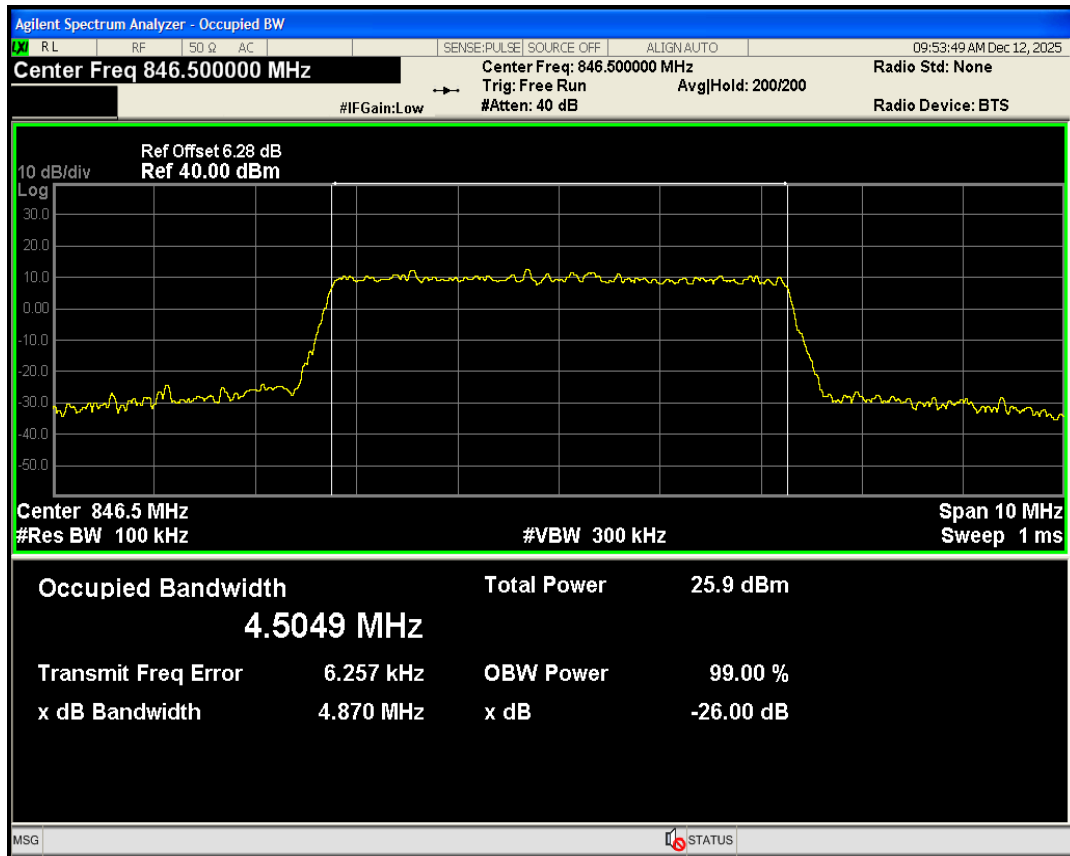


Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0

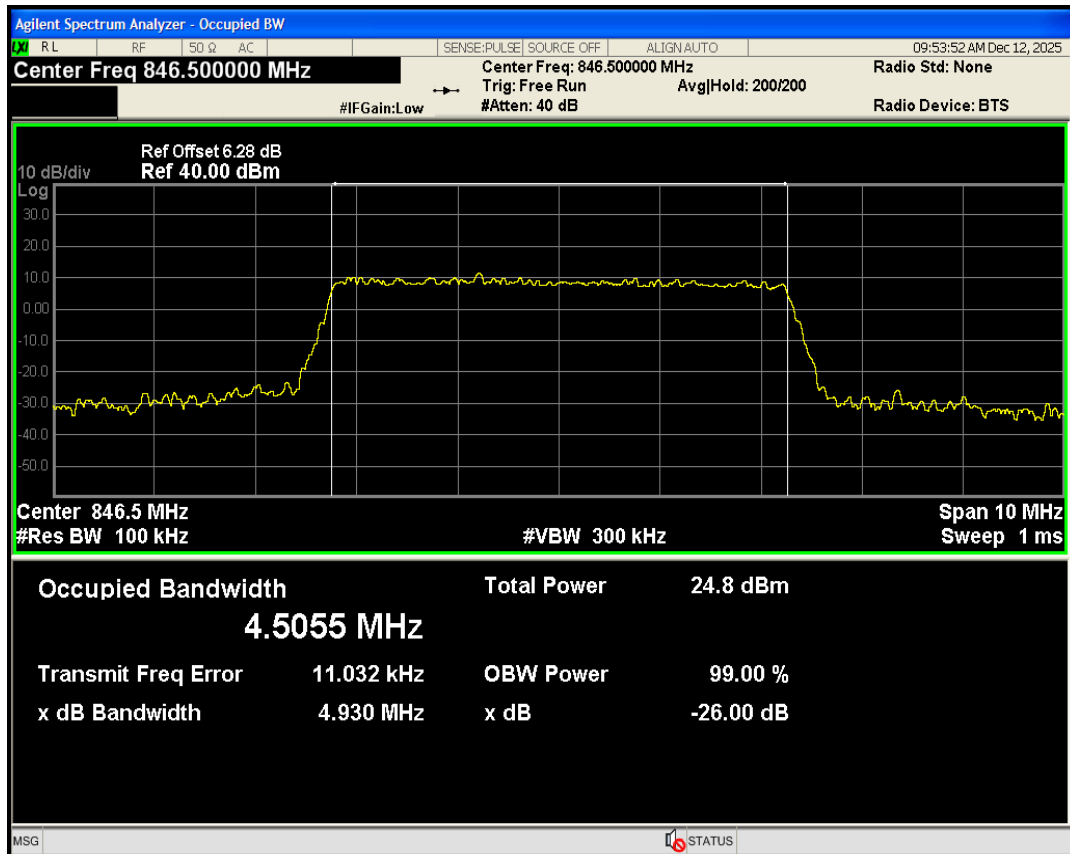


Report

Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

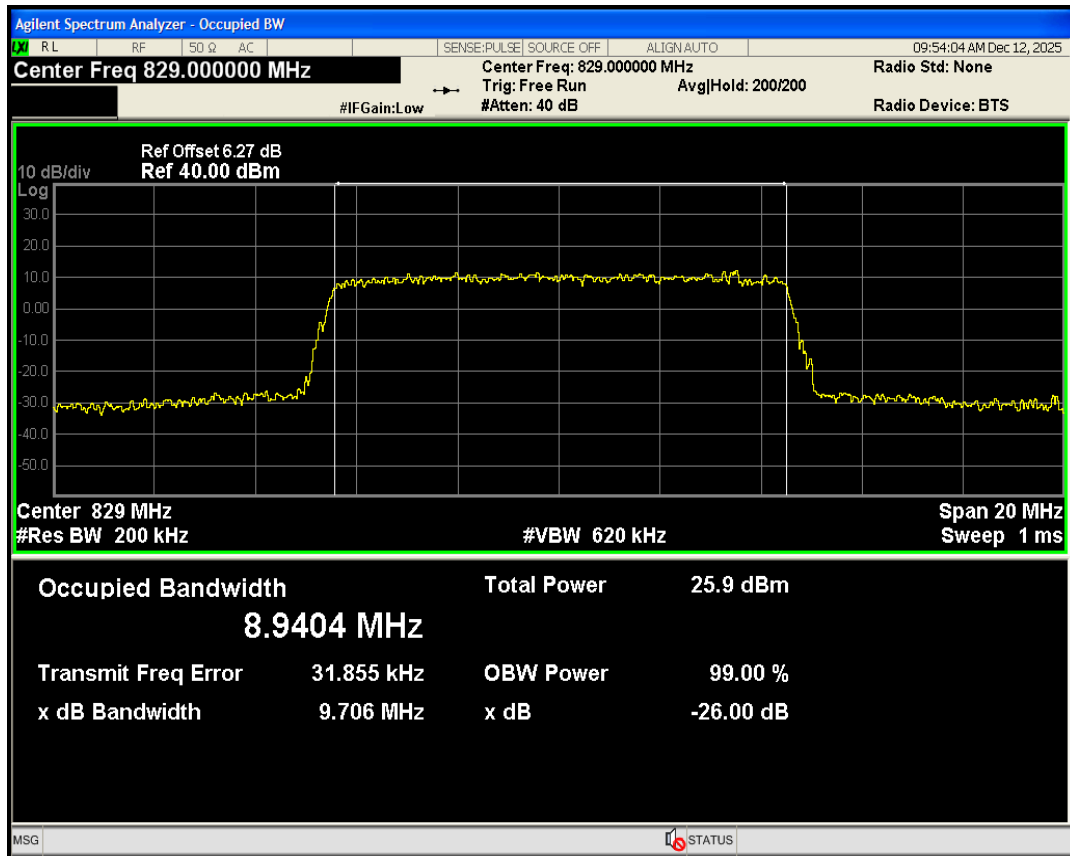


Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

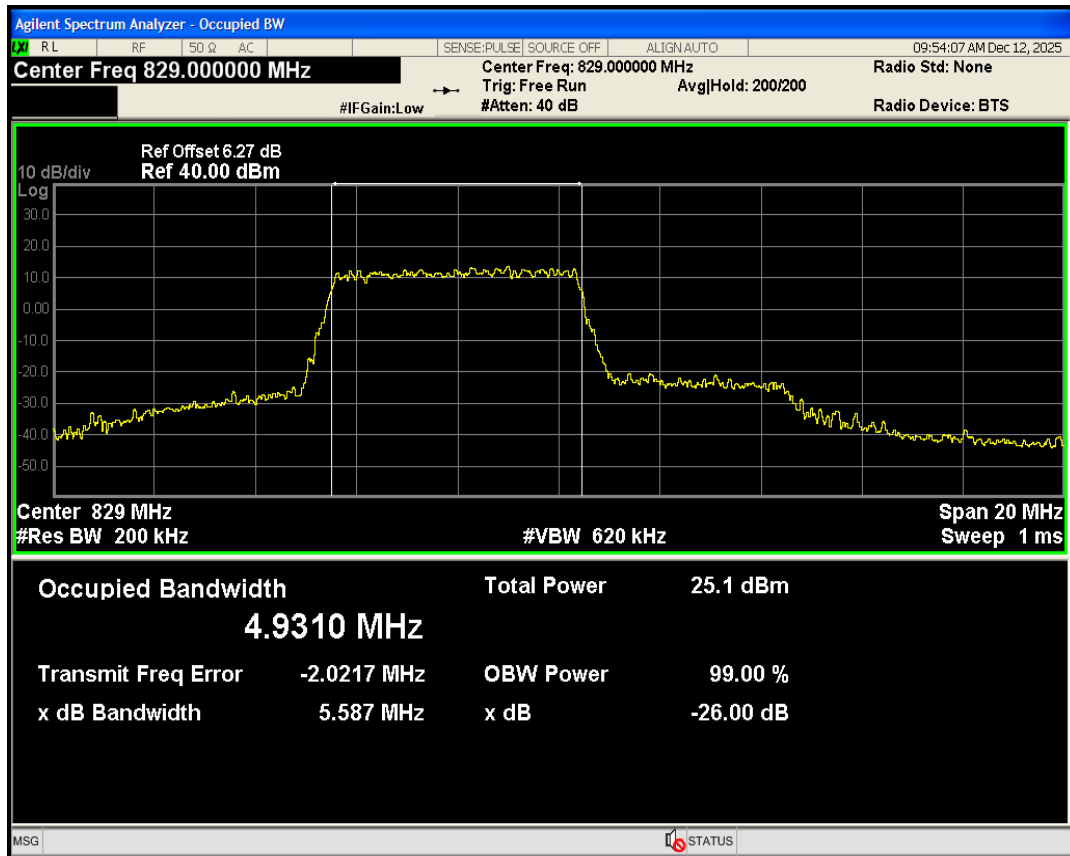


Report

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0

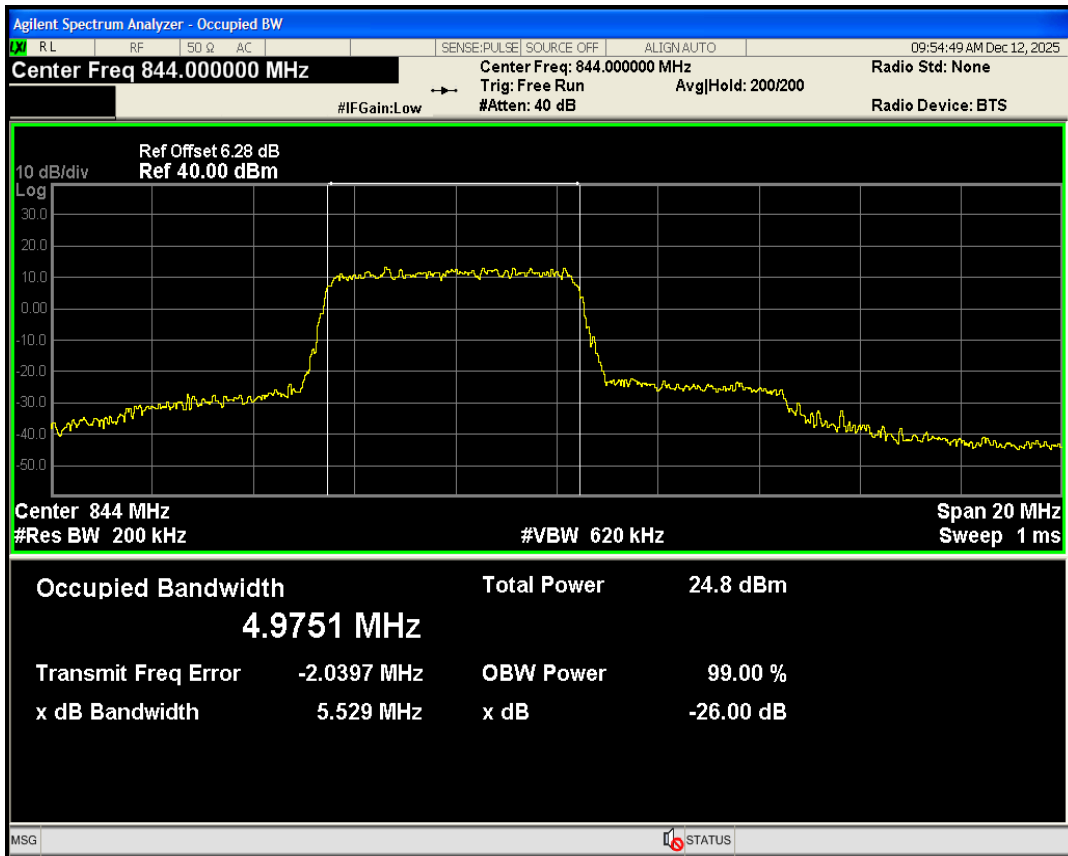


Band5 QAM16 BW=10MHz Channel=20450 RB Size=27 Position=#0

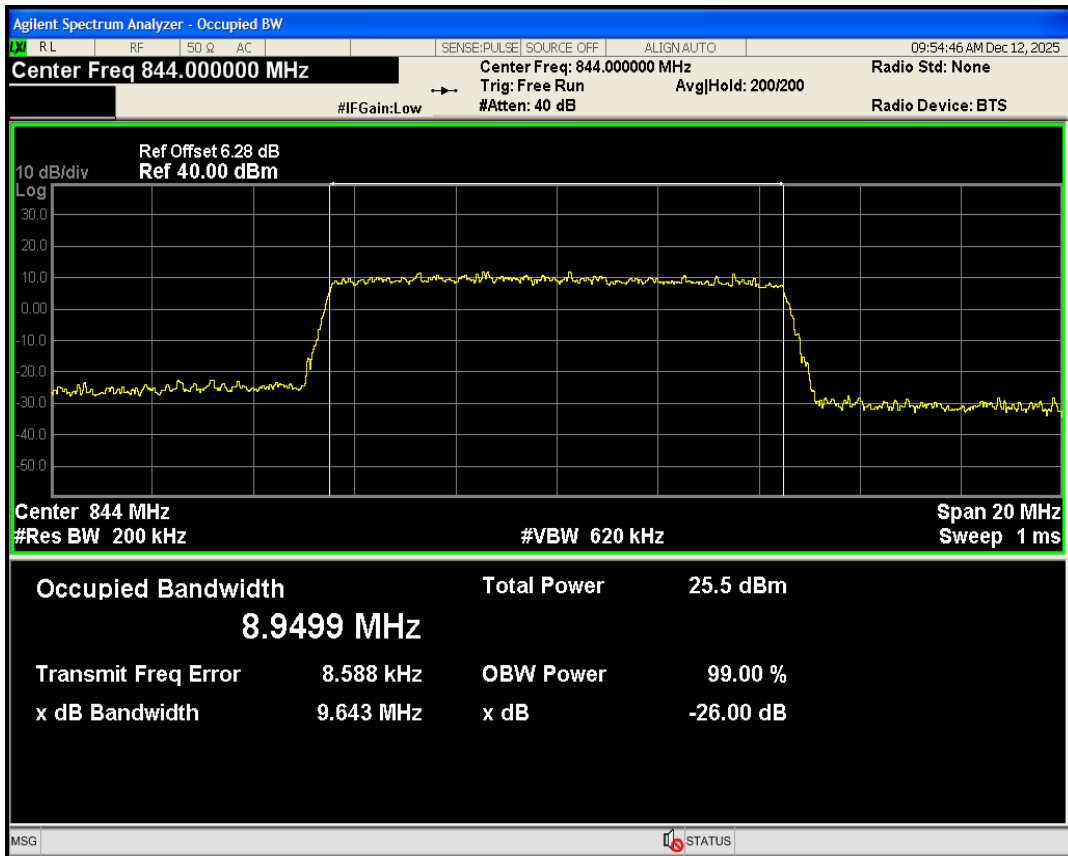


Report

Band5 QAM16 BW=10MHz Channel=20600 RB Size=27 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

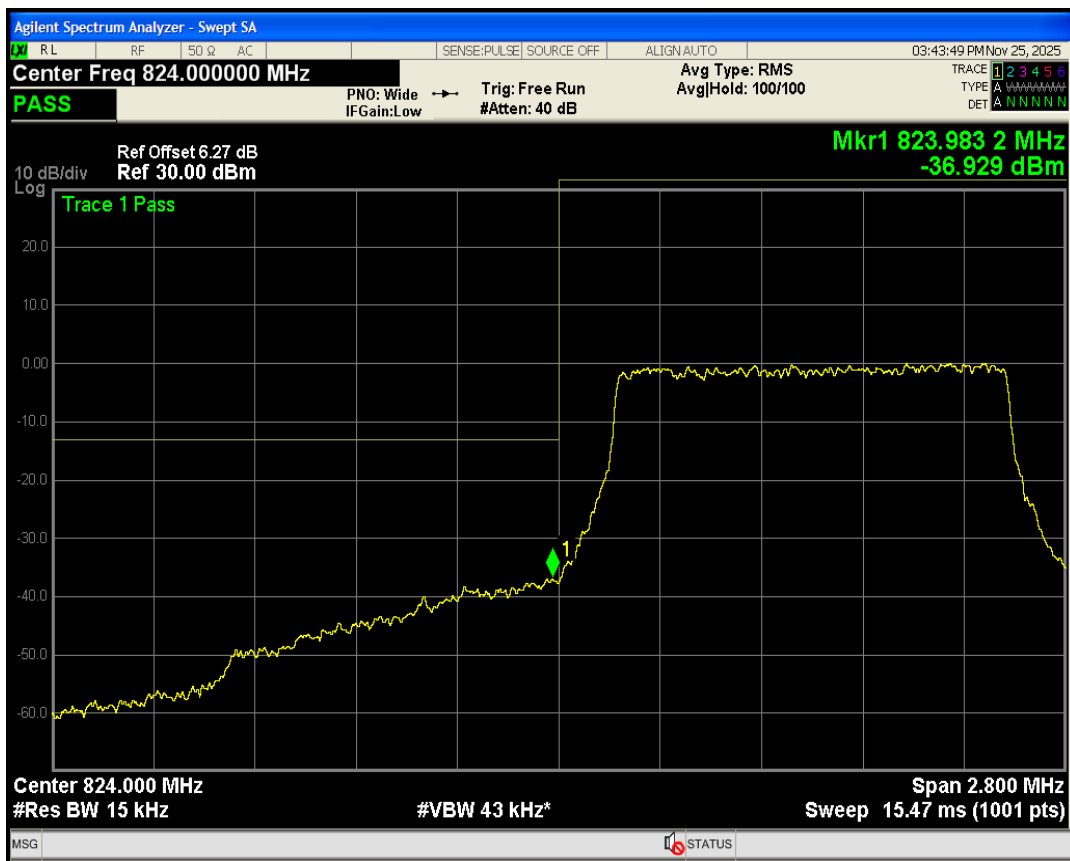


5. Band edge

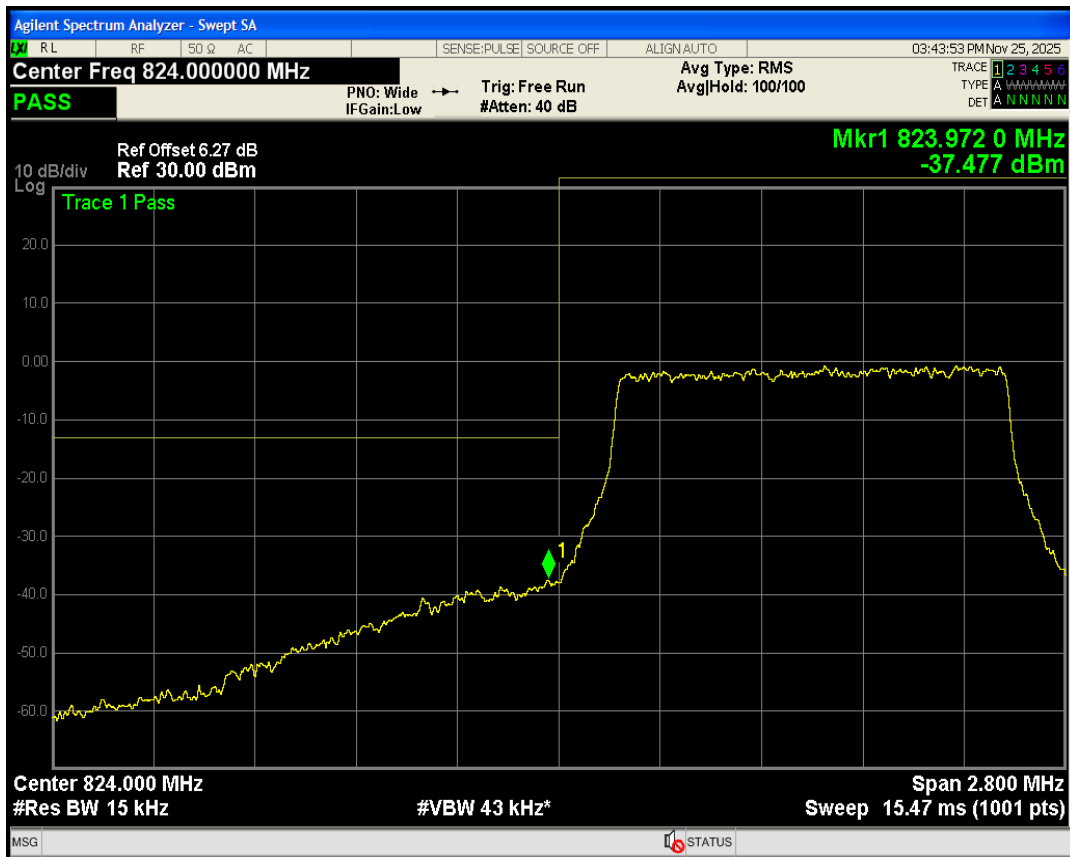
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	823.98	-36.92	-13	PASS
Band5	1.4	20407	6	#0	QAM16	823.97	-37.47	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-38.27	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.00	-38.74	-13	PASS
Band5	3	20415	15	#0	QPSK	823.99	-37.63	-13	PASS
Band5	3	20415	15	#0	QAM16	824.00	-37.87	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-37.22	-13	PASS
Band5	3	20635	15	#0	QAM16	849.00	-37.92	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-35.73	-13	PASS
Band5	5	20425	25	#0	QAM16	824.00	-36.69	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-35.60	-13	PASS
Band5	5	20625	25	#0	QAM16	849.00	-37.16	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-37.60	-13	PASS
Band5	10	20450	27	#0	QAM16	824.00	-36.84	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-40.55	-13	PASS
Band5	10	20600	27	#0	QAM16	849.42	-49.64	-13	PASS

Report

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Report

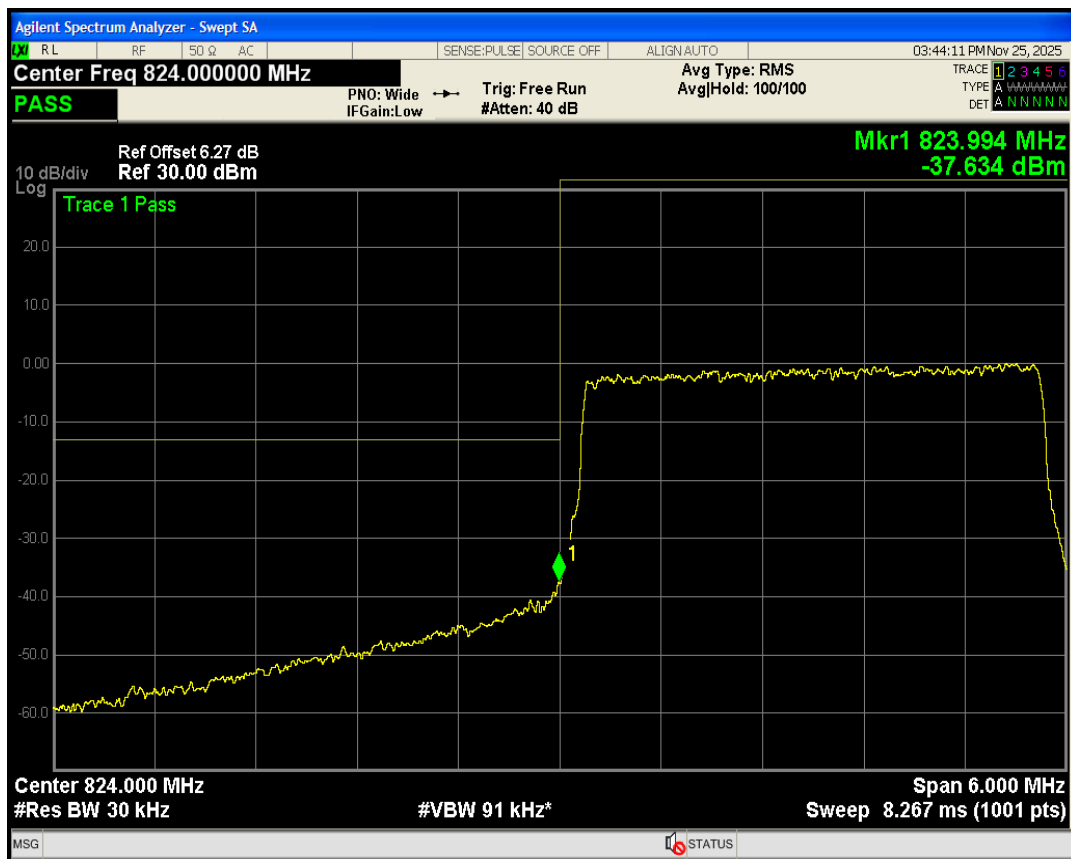
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



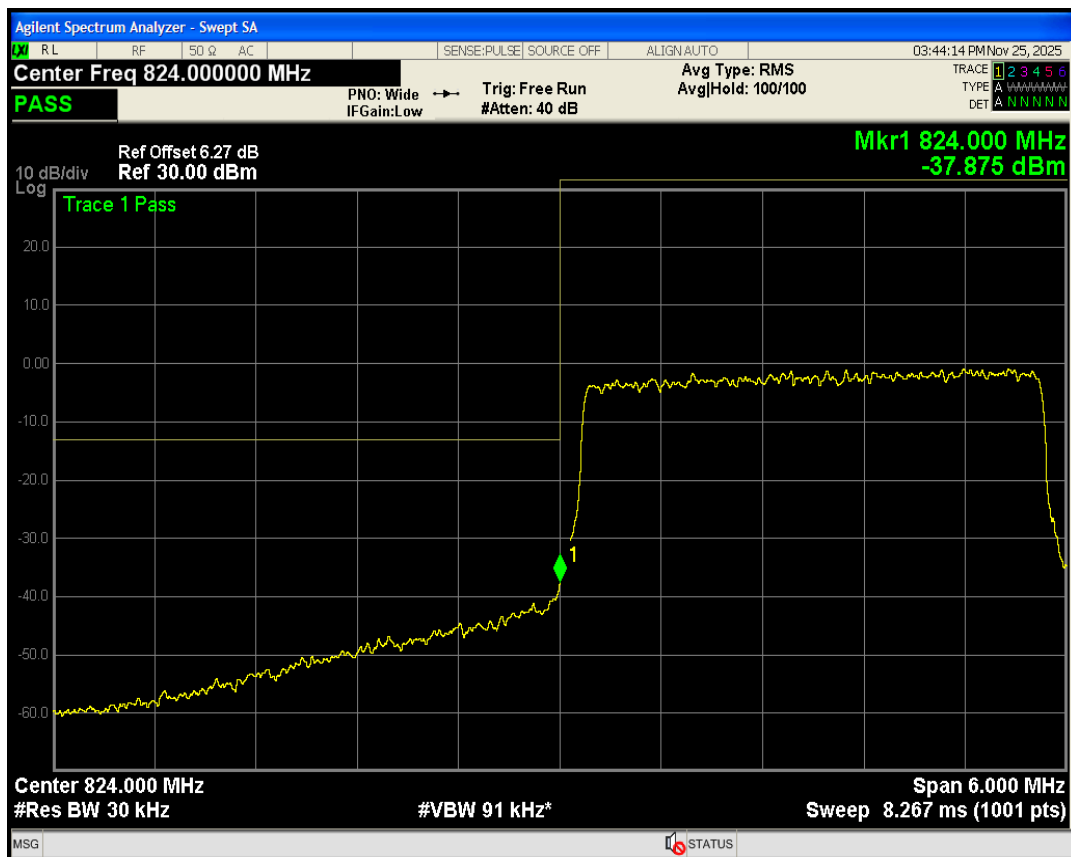
Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



Report

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

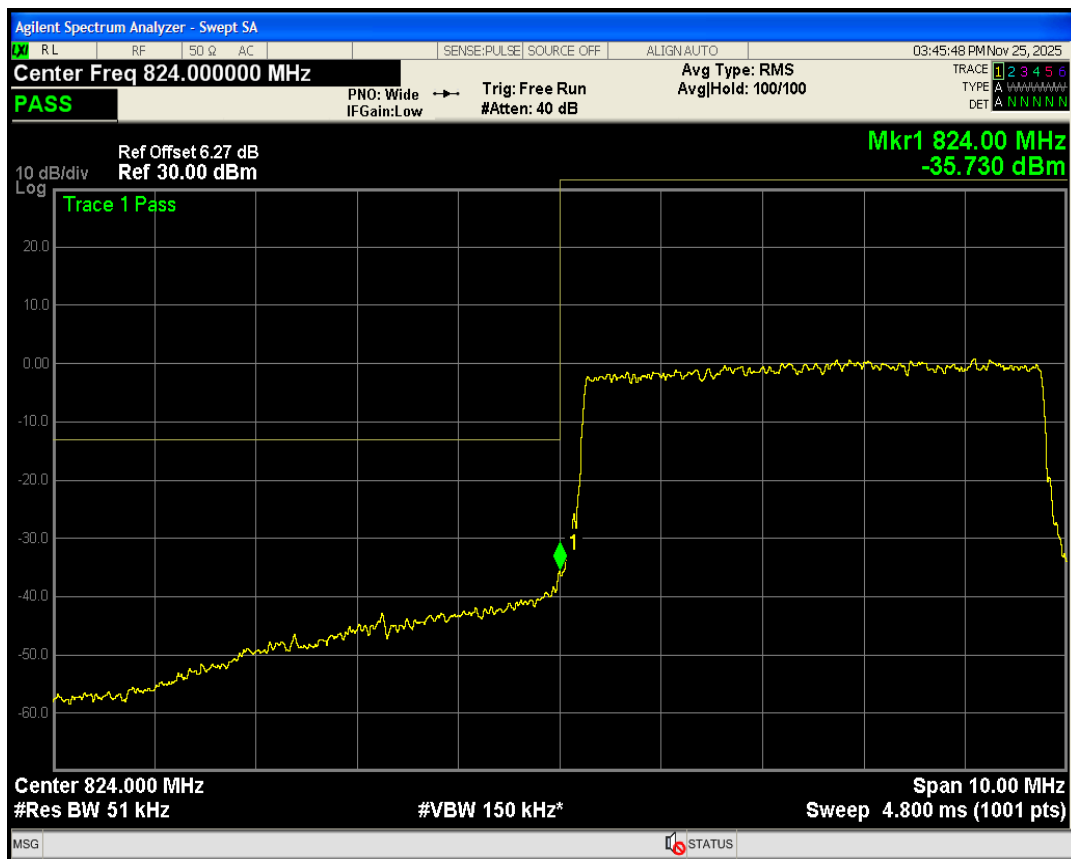


Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0

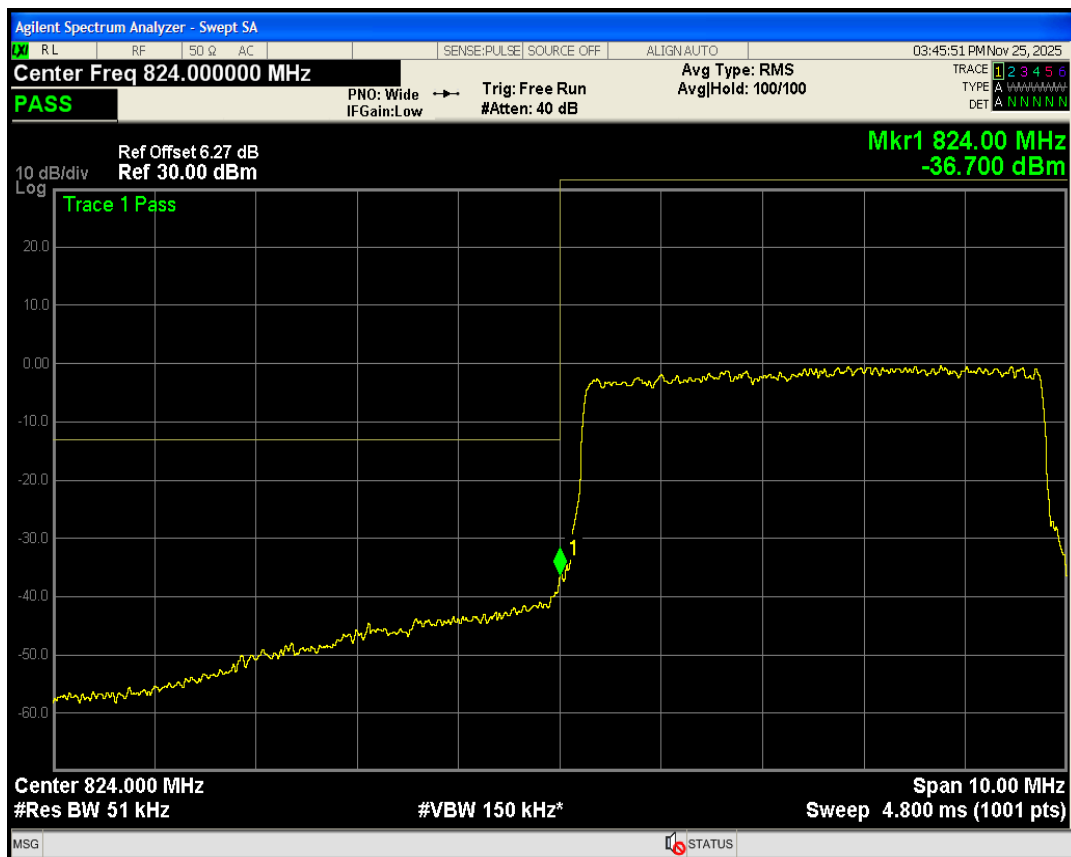


Report

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0

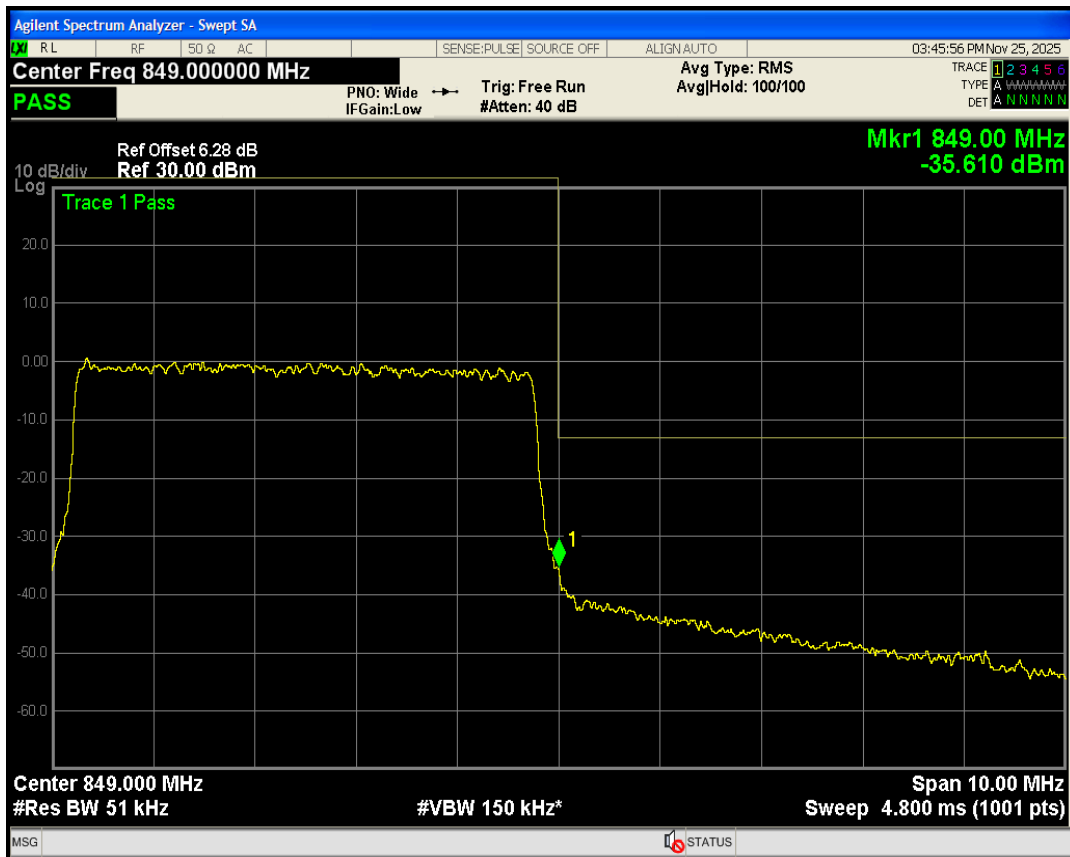


Report

Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

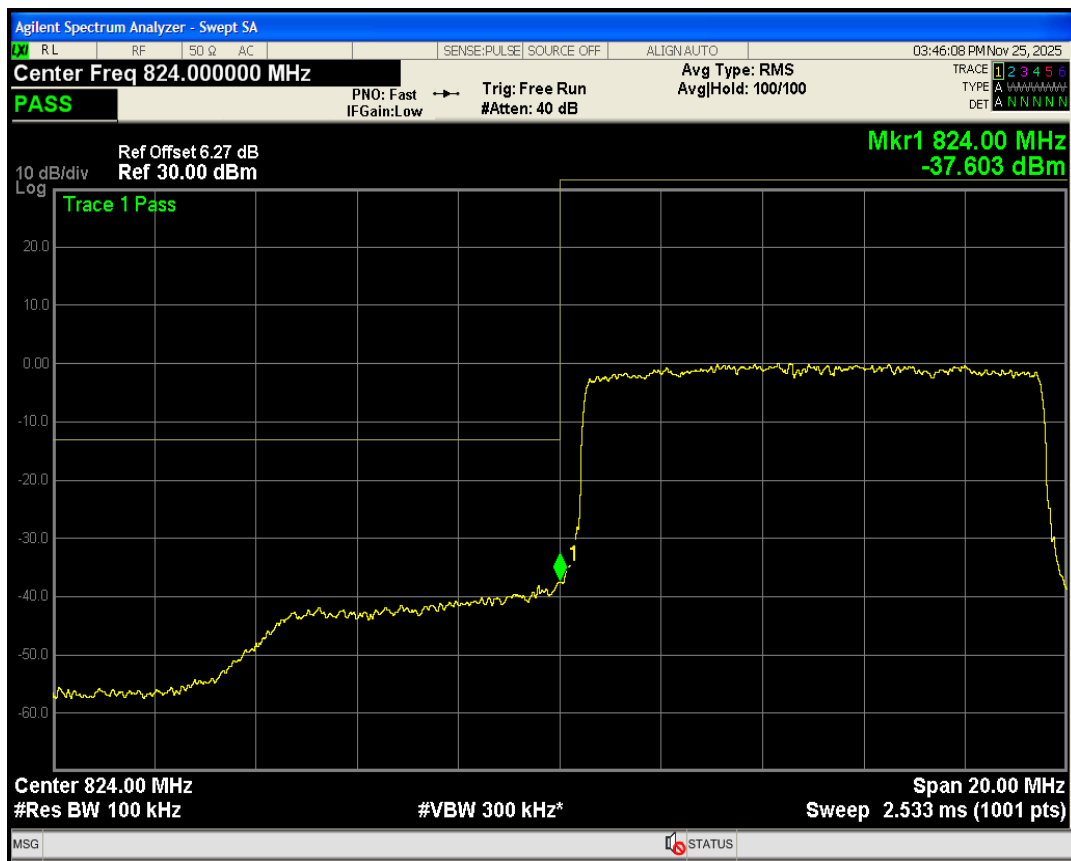


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

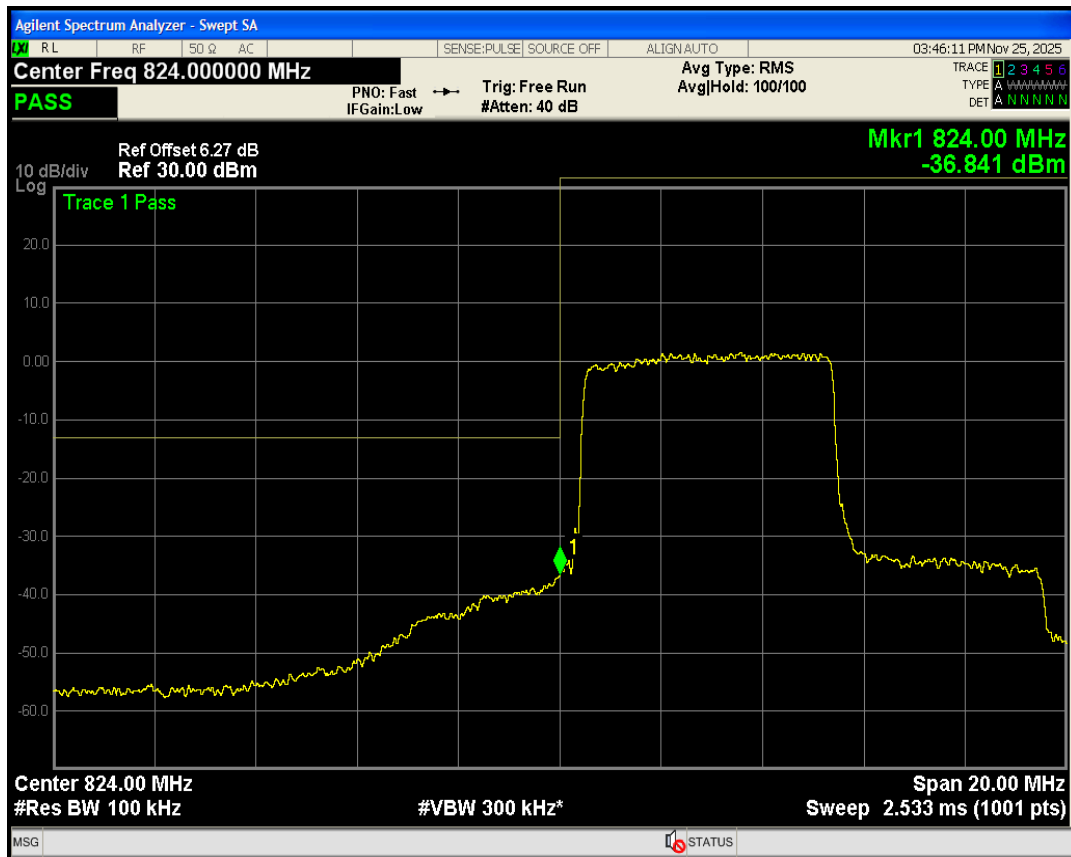


Report

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 QAM16 BW=10MHz Channel=20450 RB Size=27 Position=#0



Report

Band5 QAM16 BW=10MHz Channel=20600 RB Size=27 Position=#0



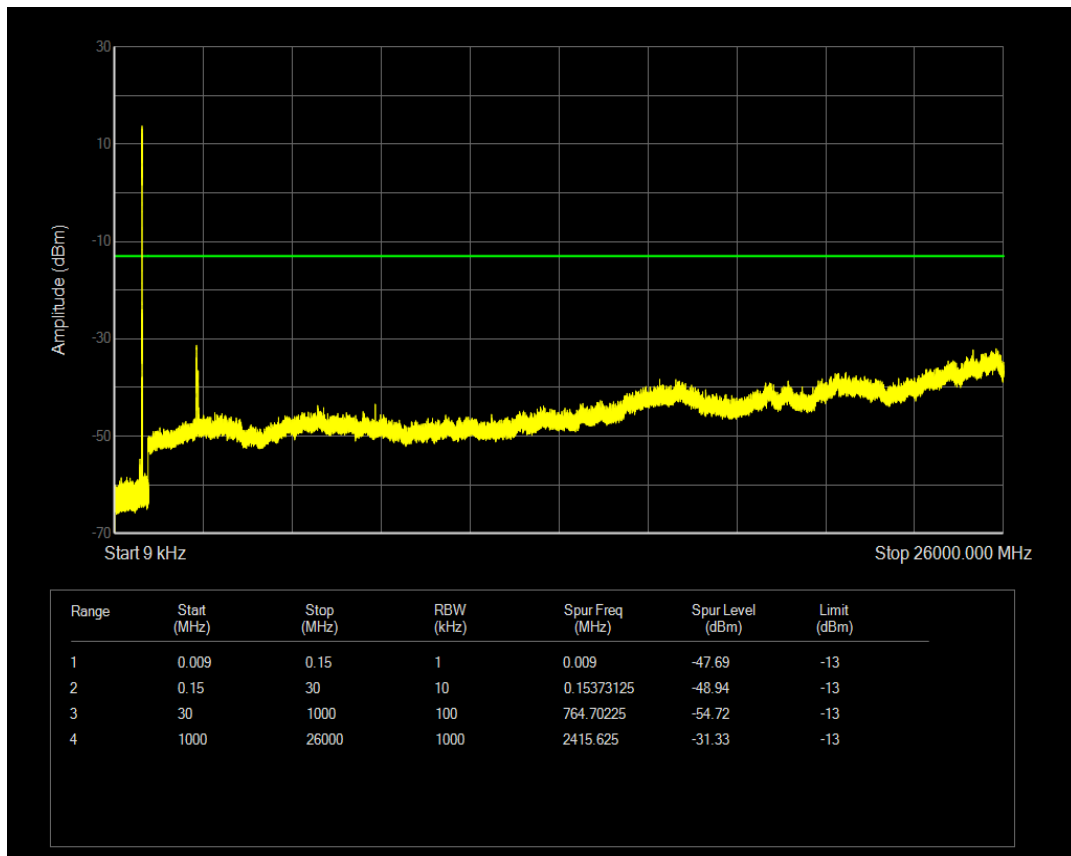
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



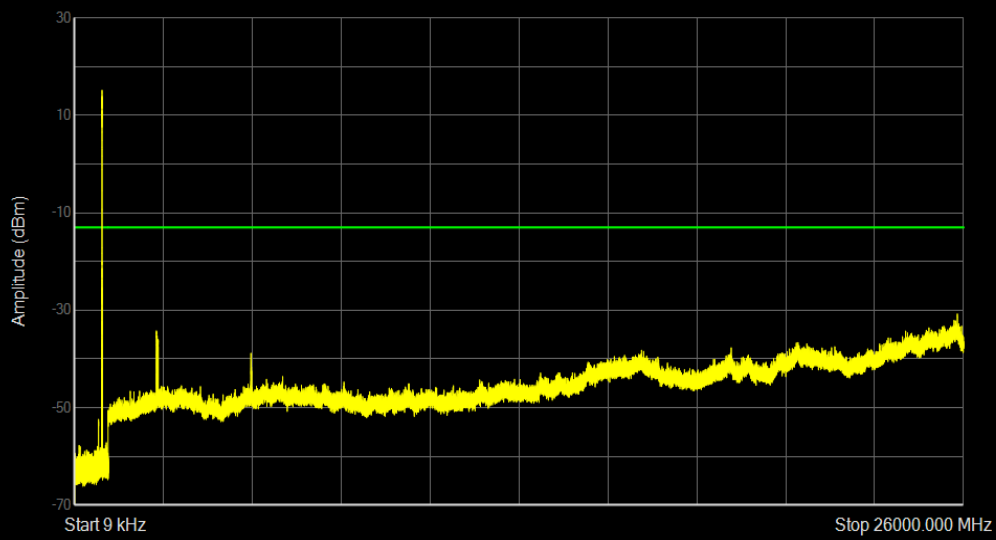
6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	2415.63	-31.33	-13	PASS
Band5	1.4	20407	6	#0	QAM16	25818.75	-30.78	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2413.75	-30.79	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2410.63	-30.92	-13	PASS
Band5	3	20415	15	#0	QPSK	2410.63	-31.03	-13	PASS
Band5	3	20415	15	#0	QAM16	2416.25	-29.14	-13	PASS
Band5	3	20635	15	#0	QPSK	25754.38	-31.57	-13	PASS
Band5	3	20635	15	#0	QAM16	25719.38	-32.11	-13	PASS
Band5	5	20425	25	#0	QPSK	25781.88	-32.22	-13	PASS
Band5	5	20425	25	#0	QAM16	25752.50	-32.59	-13	PASS
Band5	5	20625	25	#0	QPSK	25798.75	-32.37	-13	PASS
Band5	5	20625	25	#0	QAM16	25743.13	-31.96	-13	PASS
Band5	10	20450	50	#0	QPSK	25756.88	-31.45	-13	PASS
Band5	10	20450	27	#0	QAM16	25795.63	-31.46	-13	PASS
Band5	10	20600	50	#0	QPSK	25789.38	-31.99	-13	PASS
Band5	10	20600	27	#0	QAM16	25837.50	-32.15	-13	PASS

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

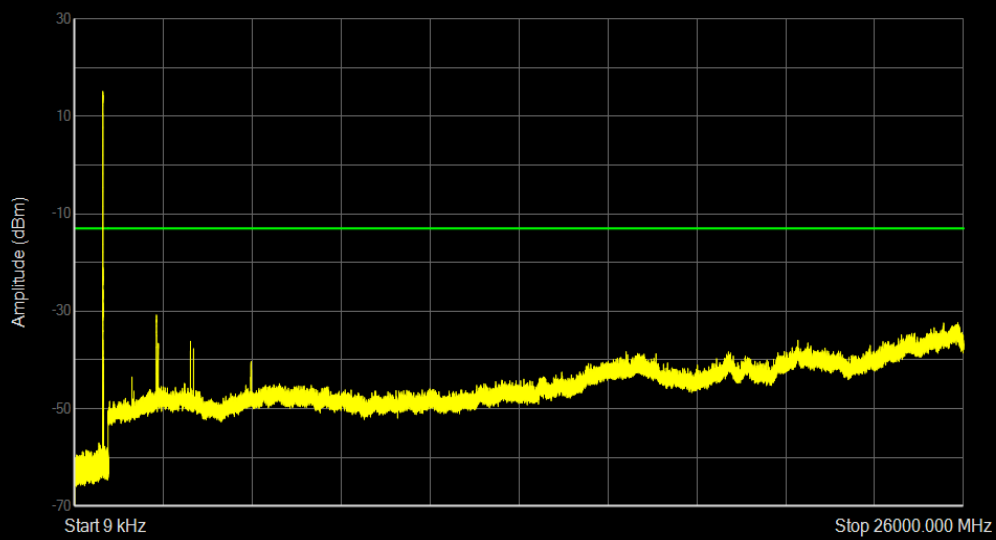


Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



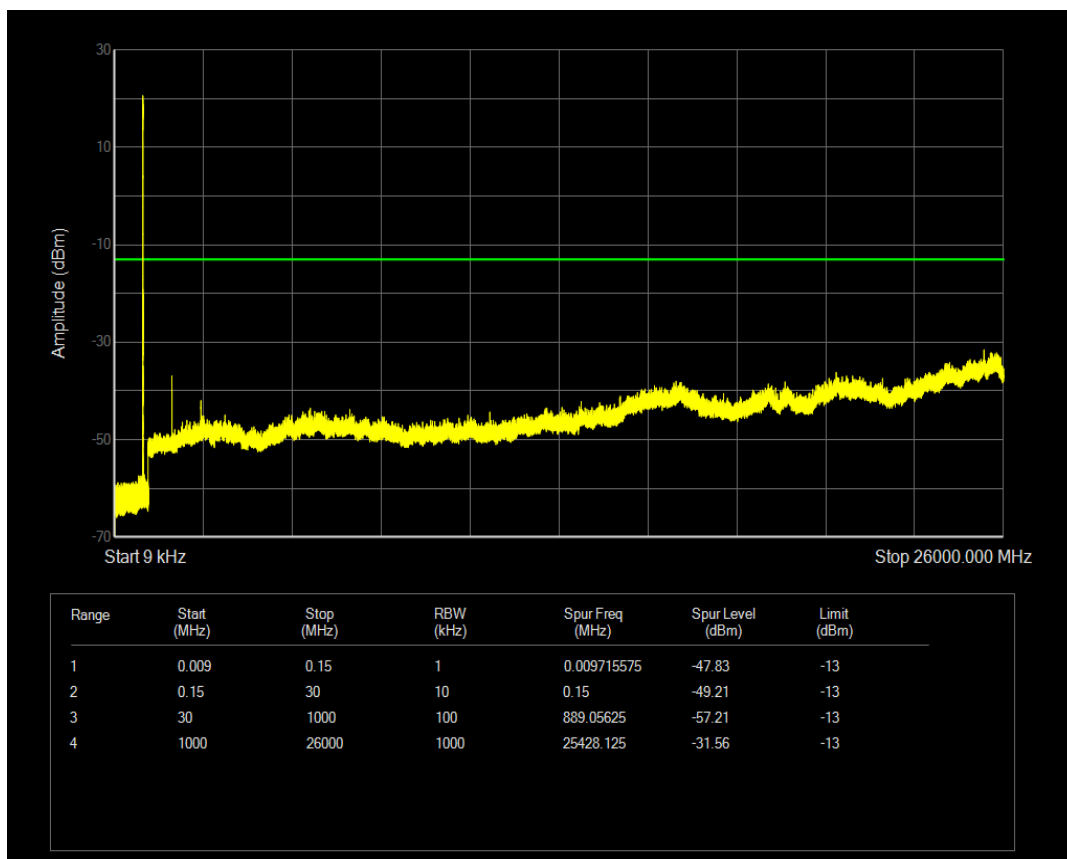
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01089645	-47.03	-13
2	0.15	30	10	0.15820875	-49.71	-13
3	30	1000	100	722.55575	-52.41	-13
4	1000	26000	1000	25818.75	-30.78	-13

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

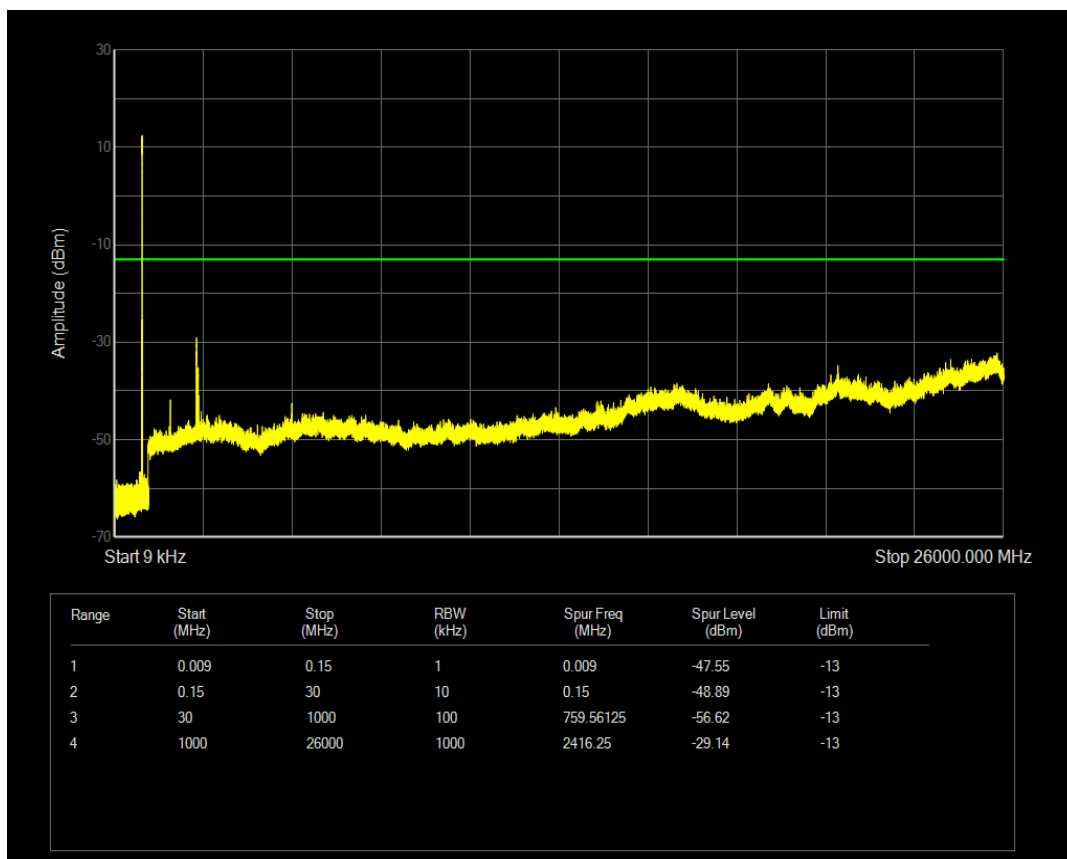


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.5	-13
2	0.15	30	10	0.15	-50.08	-13
3	30	1000	100	855.20325	-56.06	-13
4	1000	26000	1000	2413.75	-30.79	-13

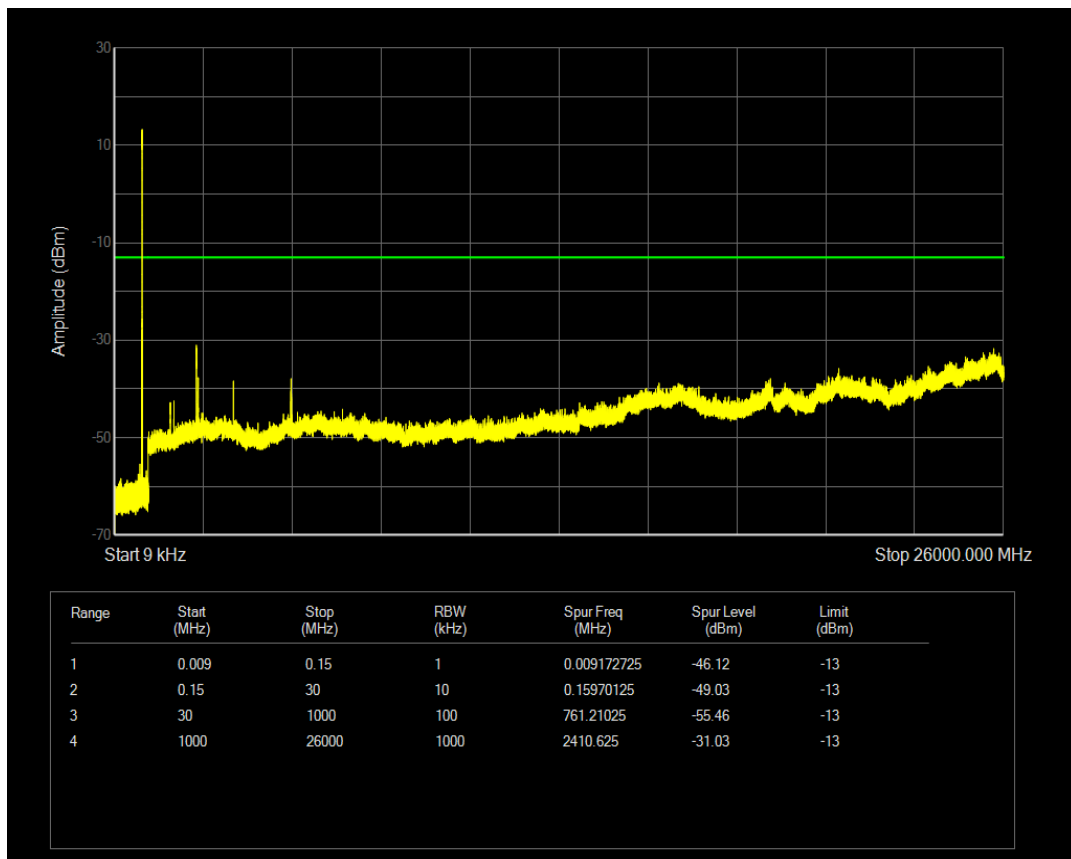
Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



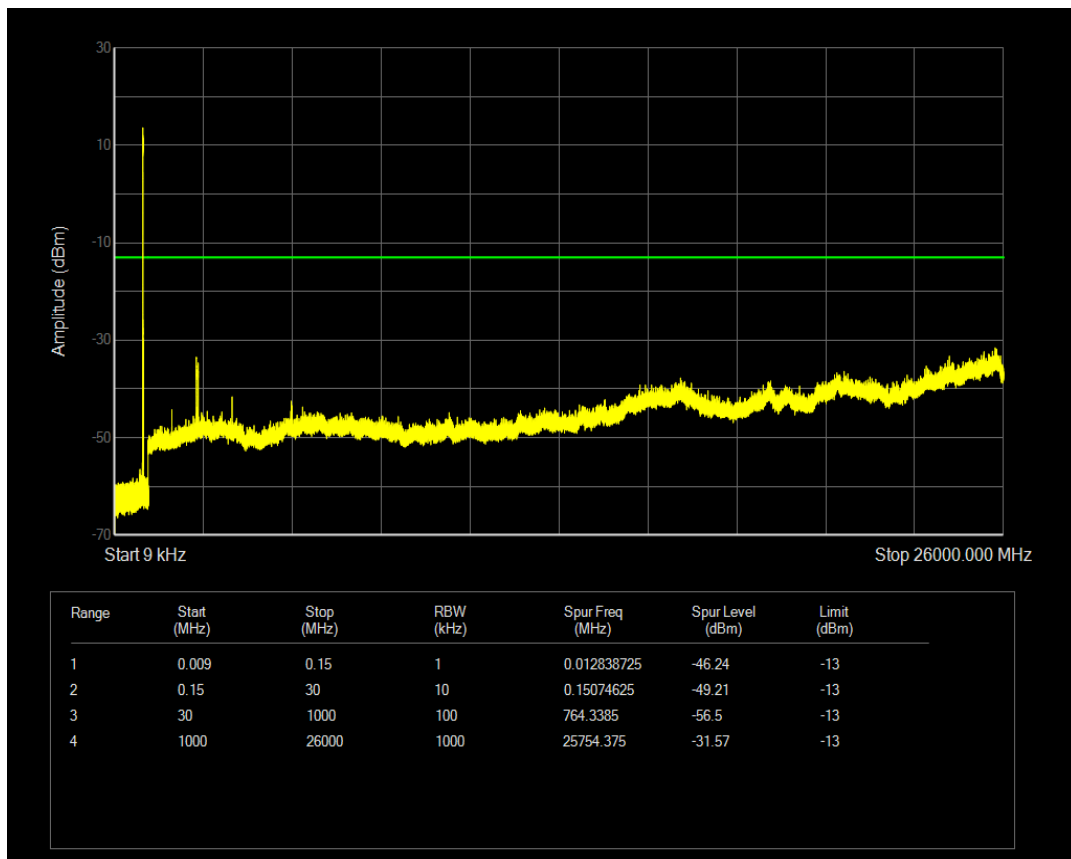
Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



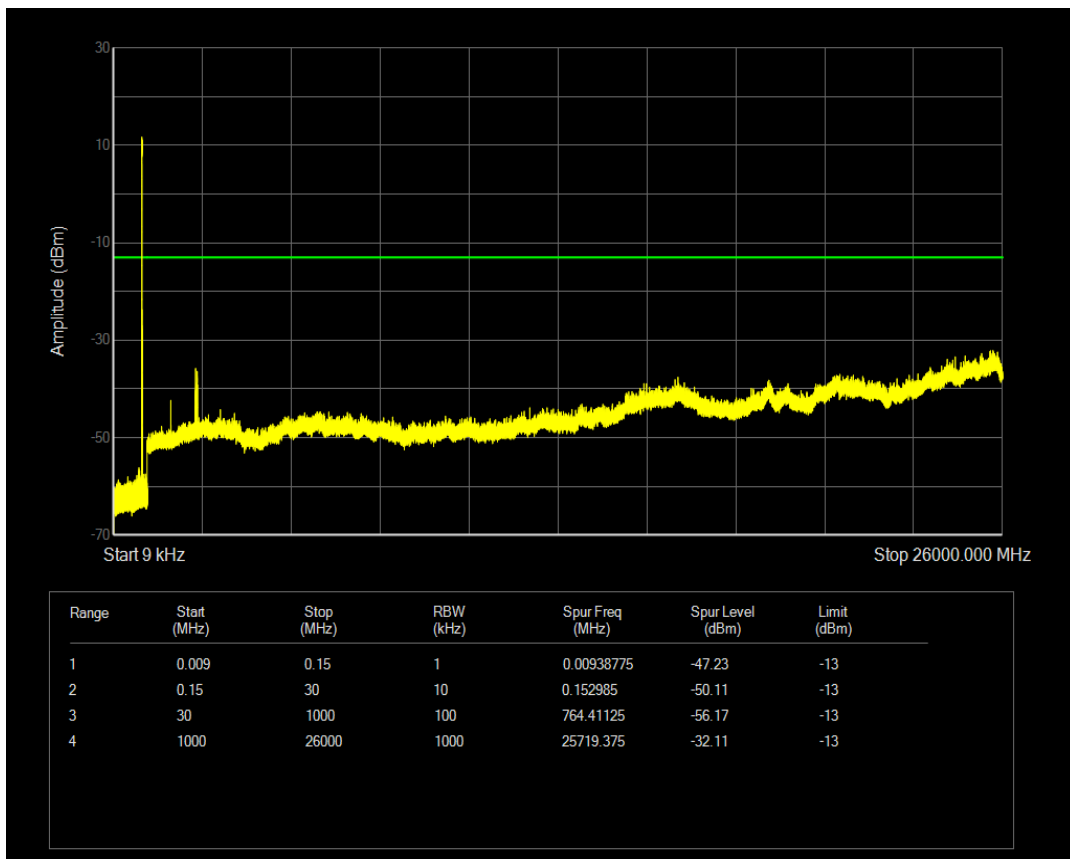
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



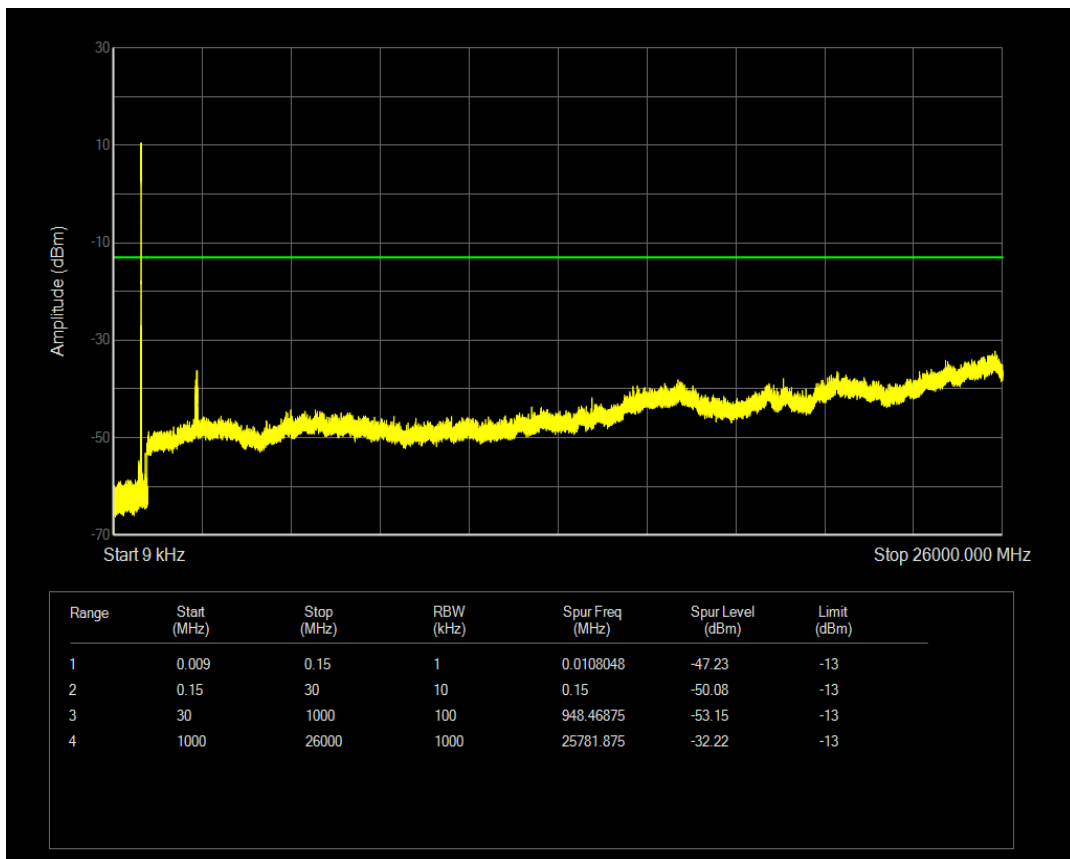
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



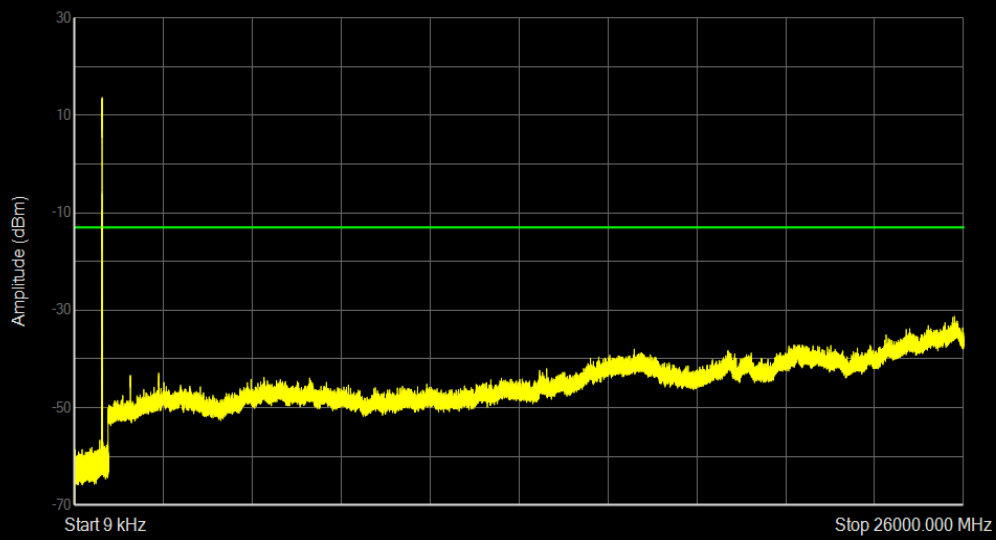
Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

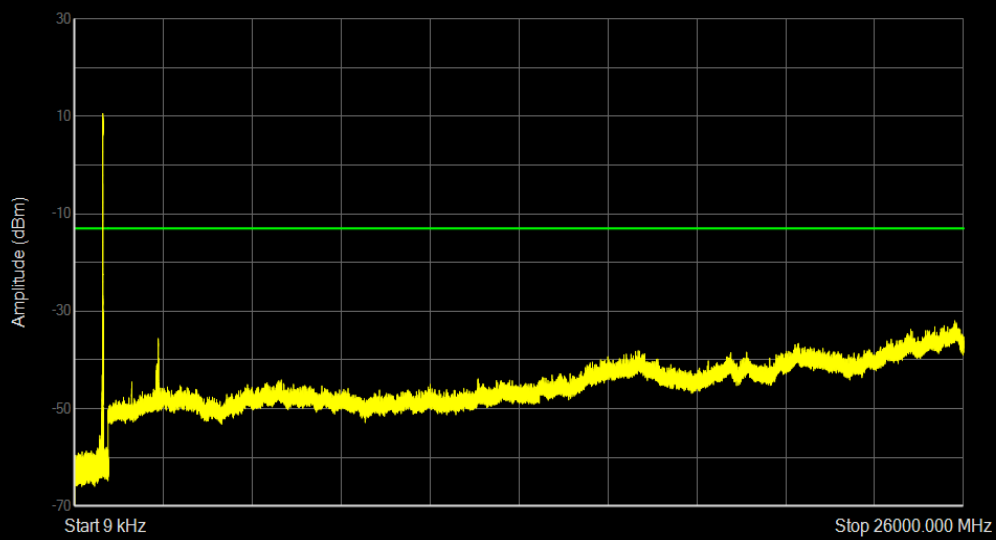


Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



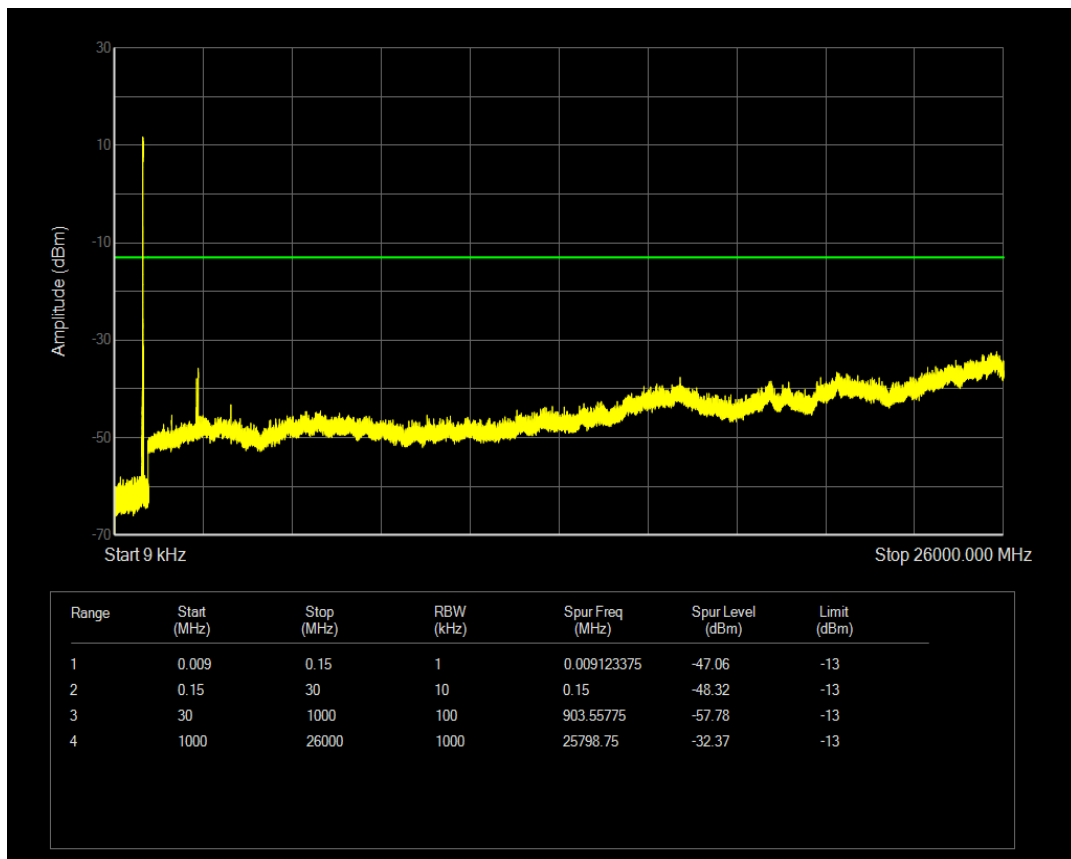
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009031725	-46.86	-13
2	0.15	30	10	0.15522375	-49.67	-13
3	30	1000	100	760.04625	-56.72	-13
4	1000	26000	1000	25735	-31.26	-13

Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

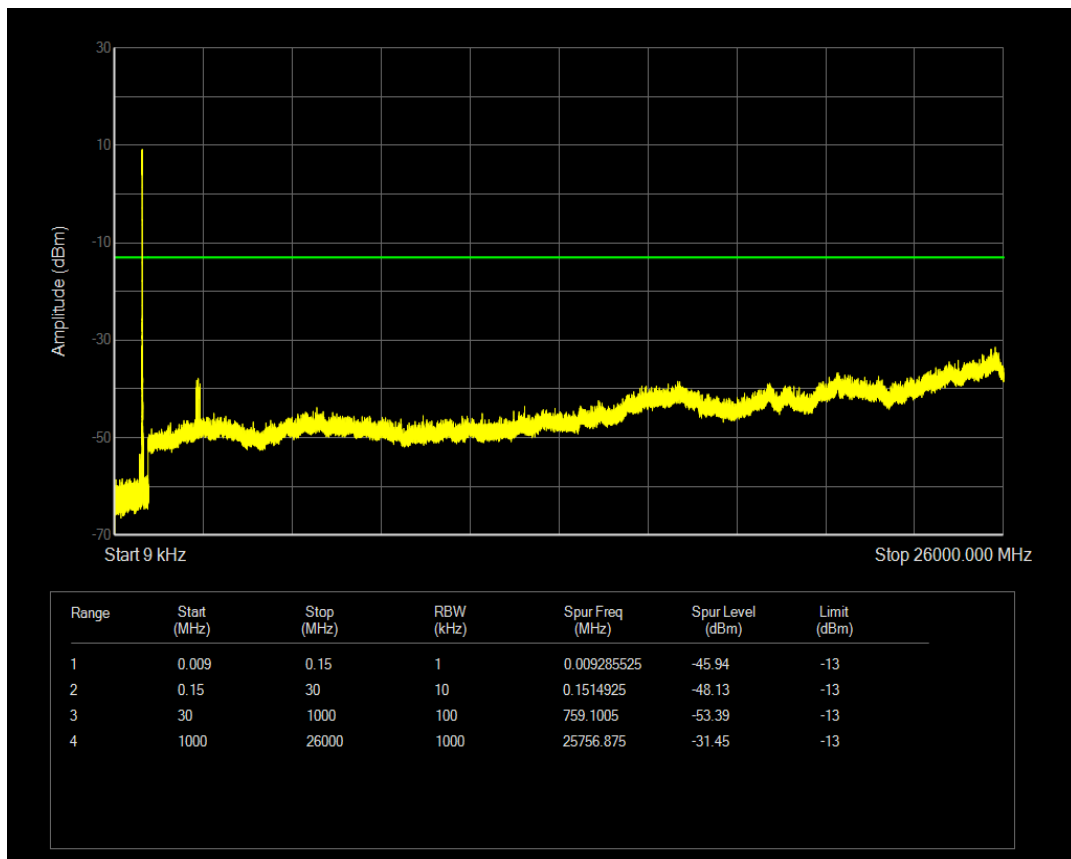


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009990525	-47.48	-13
2	0.15	30	10	0.15223875	-49.53	-13
3	30	1000	100	759.8765	-55.54	-13
4	1000	26000	1000	25743.125	-31.96	-13

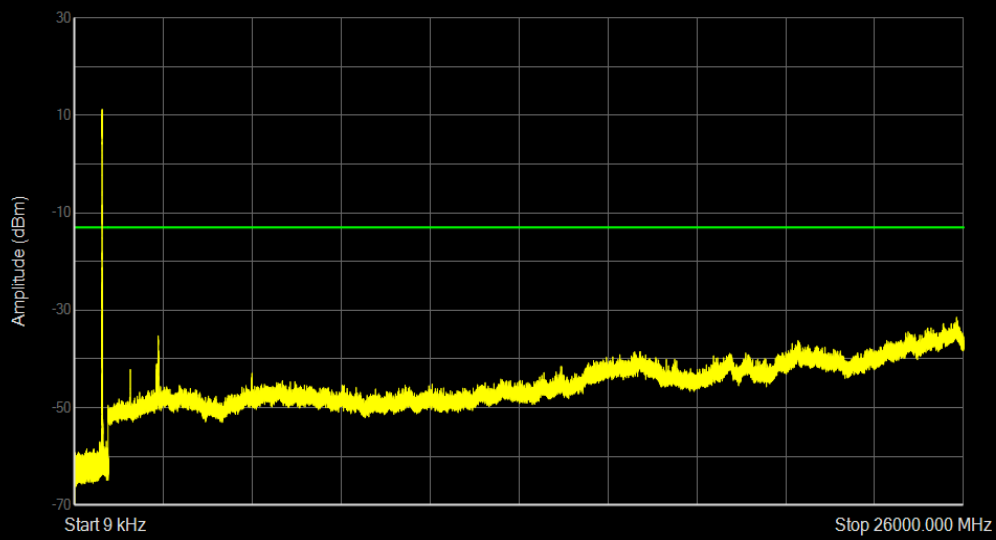
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0

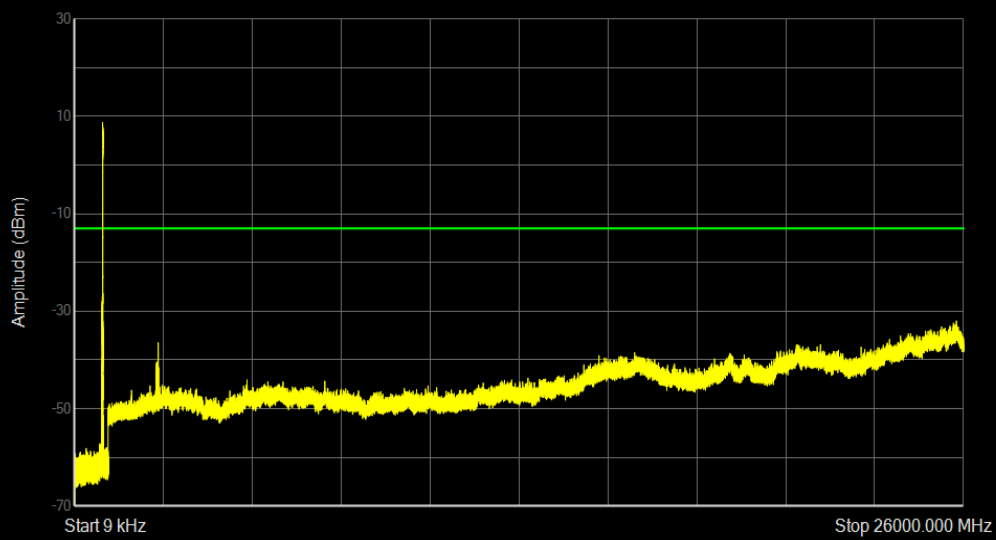


Band5 QAM16 BW=10MHz Channel=20450 RB Size=27 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010378275	-46.78	-13
2	0.15	30	10	0.1514925	-50.33	-13
3	30	1000	100	948.56575	-56.94	-13
4	1000	26000	1000	25795.625	-31.46	-13

Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099165	-47	-13
2	0.15	30	10	0.15	-50.24	-13
3	30	1000	100	760.1675	-57.2	-13
4	1000	26000	1000	25789.375	-31.99	-13

Band5 QAM16 BW=10MHz Channel=20600 RB Size=27 Position=#0

